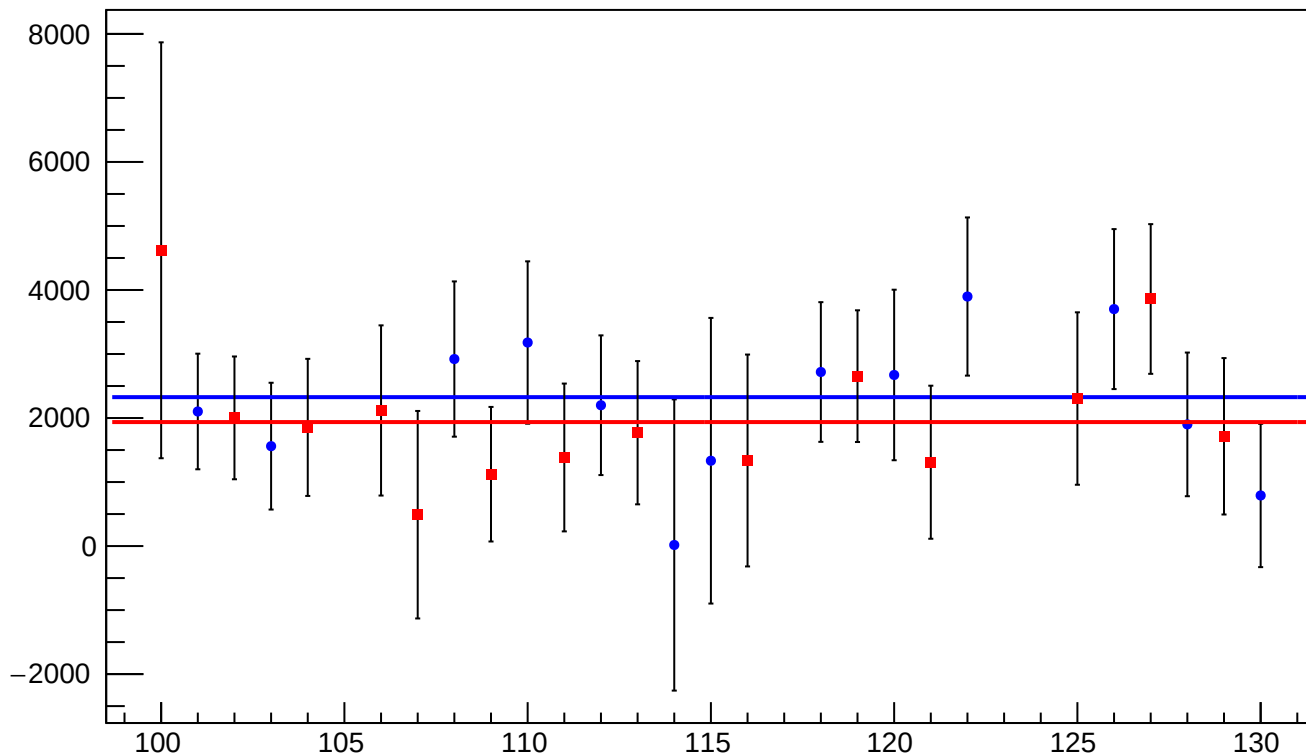


reg_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2326.178+/-331.976 χ^2/NDF : 7.6/12

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

Right Out: 1936.765+/-325.856 χ^2/NDF : 6.1/13

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

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 2127.849+/-232.549

χ^2/NDF : 14.4/26

In: 2326.178+/-331.976

χ^2/NDF : 7.6/12

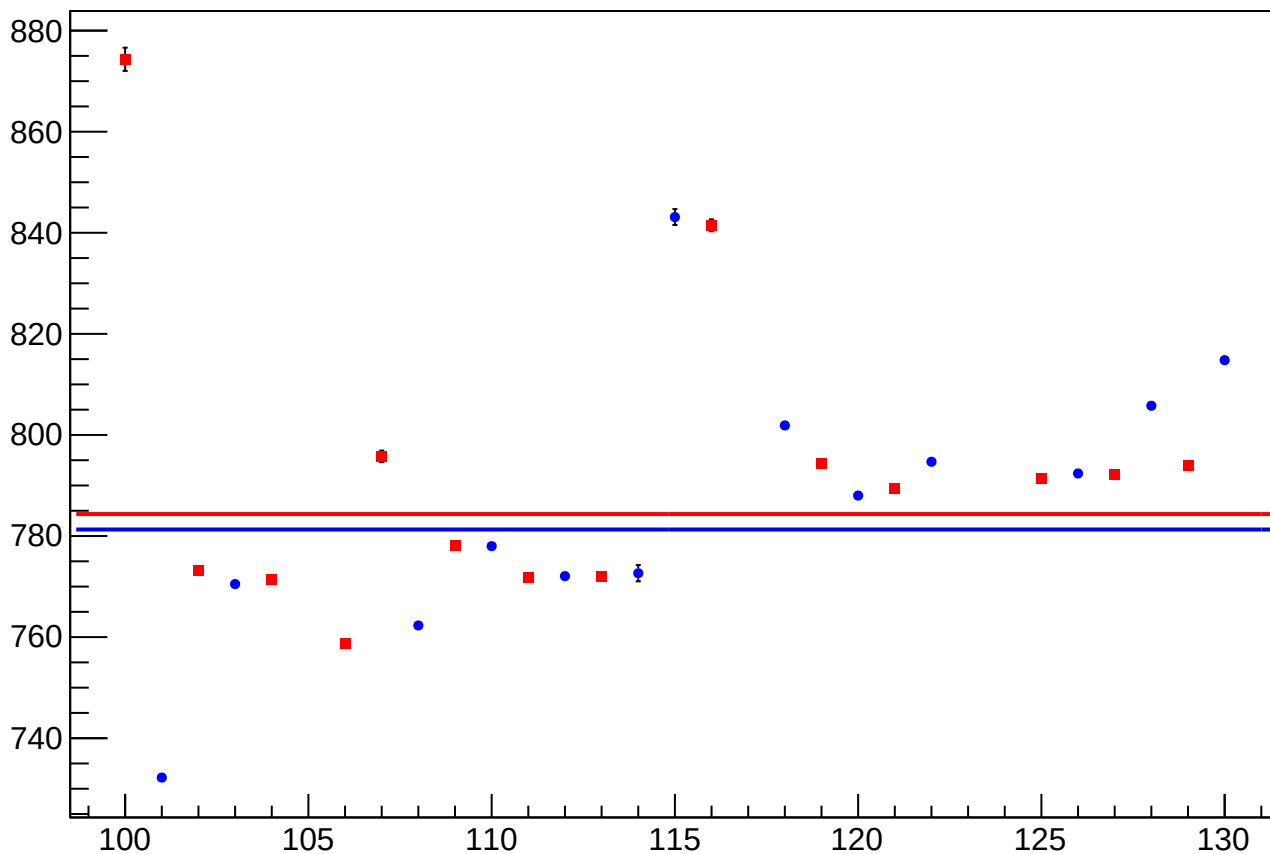
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 2127.849+/-232.549

χ^2/NDF : 14.4/26

reg_asym_us_avg_rms vs Slug, Sign Corrected



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

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

Right Out: 784.349+/-0.230 χ^2/NDF : 6360.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

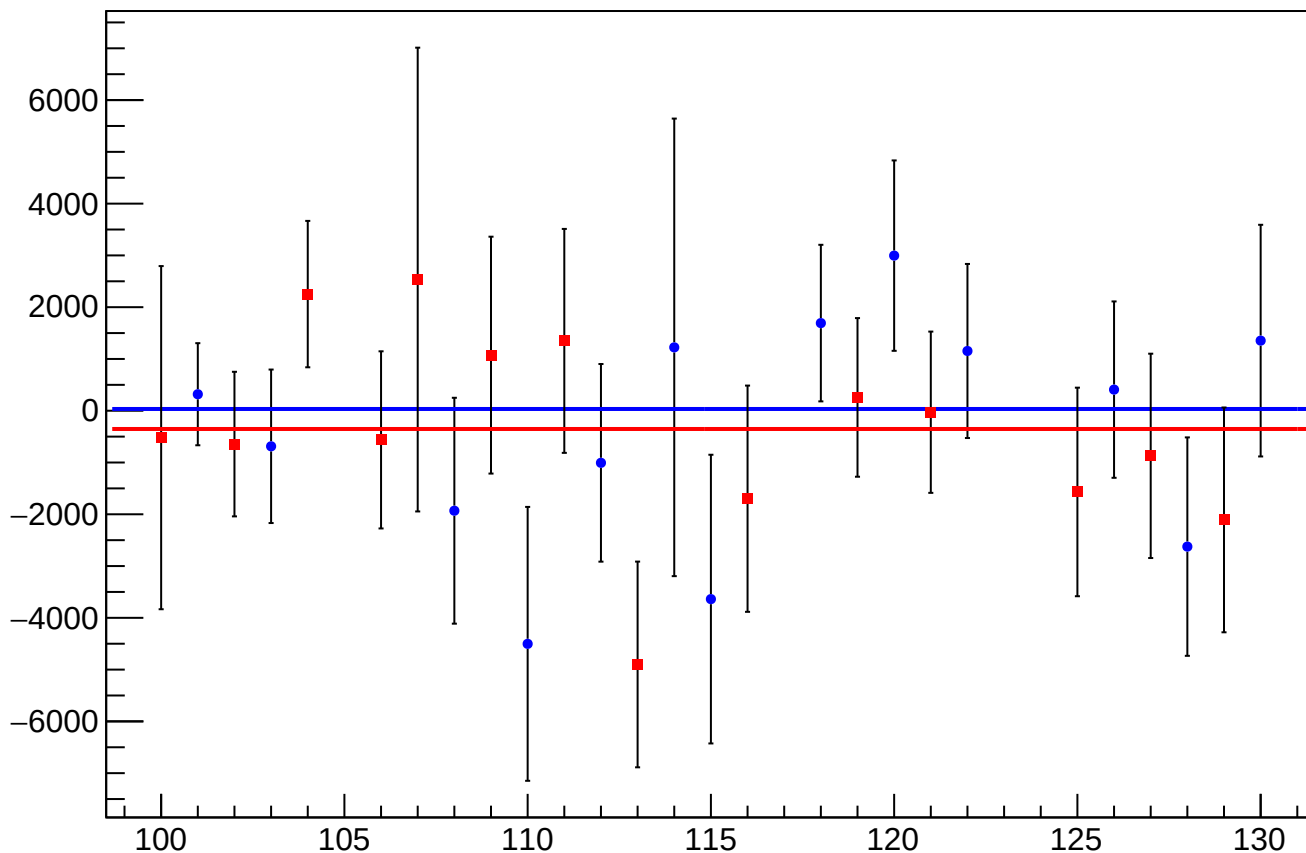
Right: 782.848+/-0.164 χ^2/NDF : 18704.8/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 782.848+/-0.164 χ^2/NDF : 18704.8/26

asym_us_avg_reg_correction_mean vs Slug, Sign Corrected



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

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

Right Out: -352.500+/-505.249 χ^2/NDF : 11.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

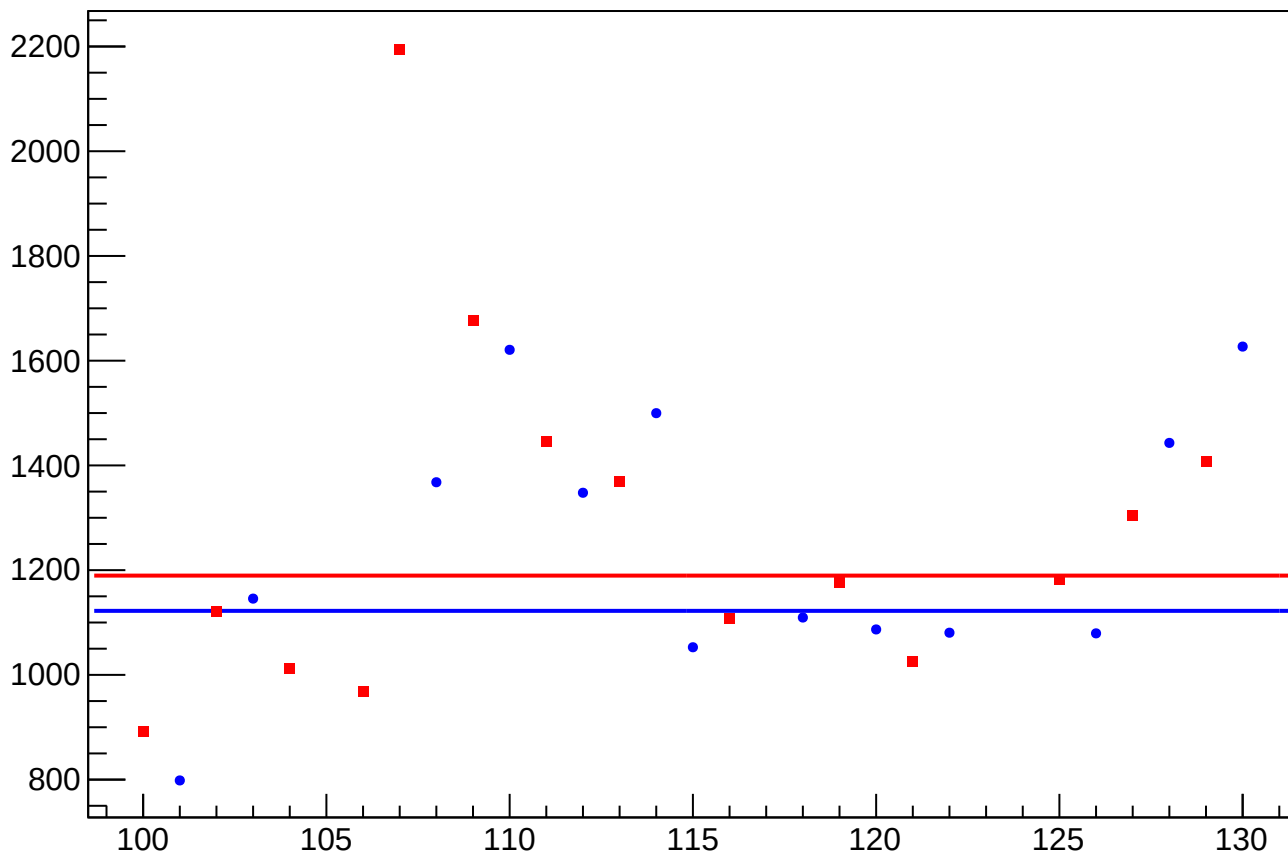
Right: -153.809+/-352.130 χ^2/NDF : 24.5/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -153.809+/-352.130 χ^2/NDF : 24.5/26

asym_us_avg_reg_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 1189.585+/-0.357 χ^2/NDF : 373886.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

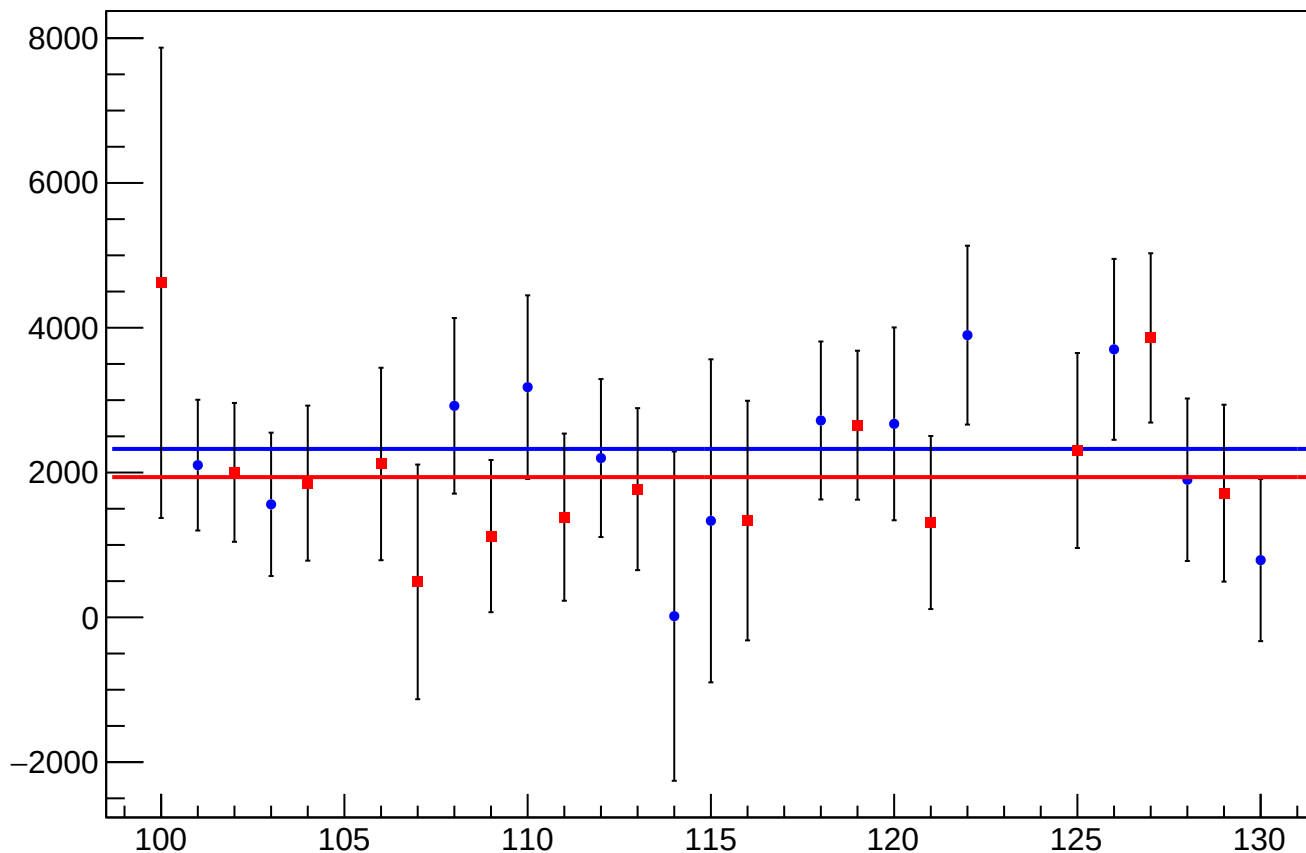
Right: 1154.961+/-0.249 χ^2/NDF : 899953.6/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1154.961+/-0.249 χ^2/NDF : 899953.6/26

cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2326.178+/-331.976 χ^2/NDF : 7.6/12

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

Right Out: 1936.765+/-325.856 χ^2/NDF : 6.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

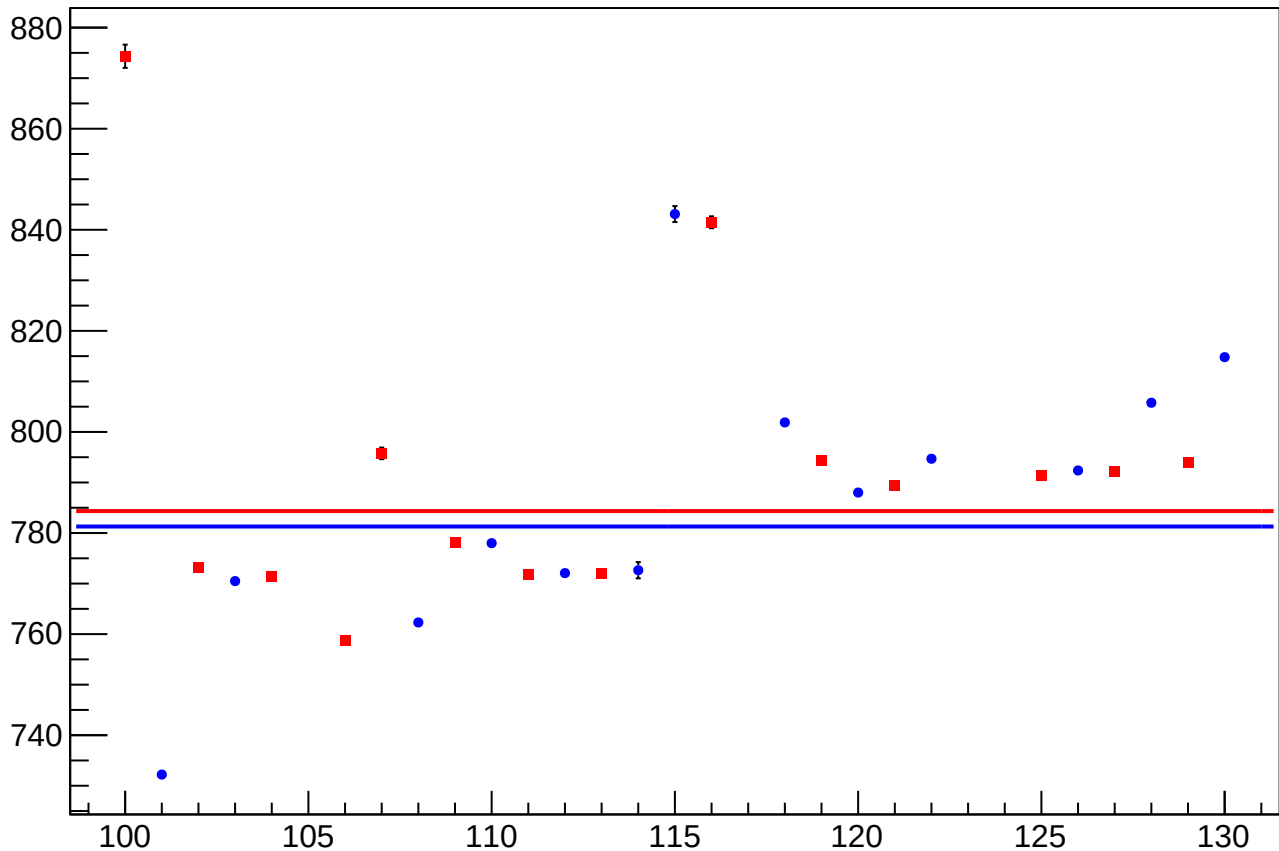
Right: 2127.849+/-232.549 χ^2/NDF : 14.4/26

In: 2326.178+/-331.976 χ^2/NDF : 7.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2127.849+/-232.549 χ^2/NDF : 14.4/26

cor_asym_us_avg_rms vs Slug, Sign Corrected



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

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

Right Out: 784.349 ± 0.230 χ^2/NDF : 6360.6/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

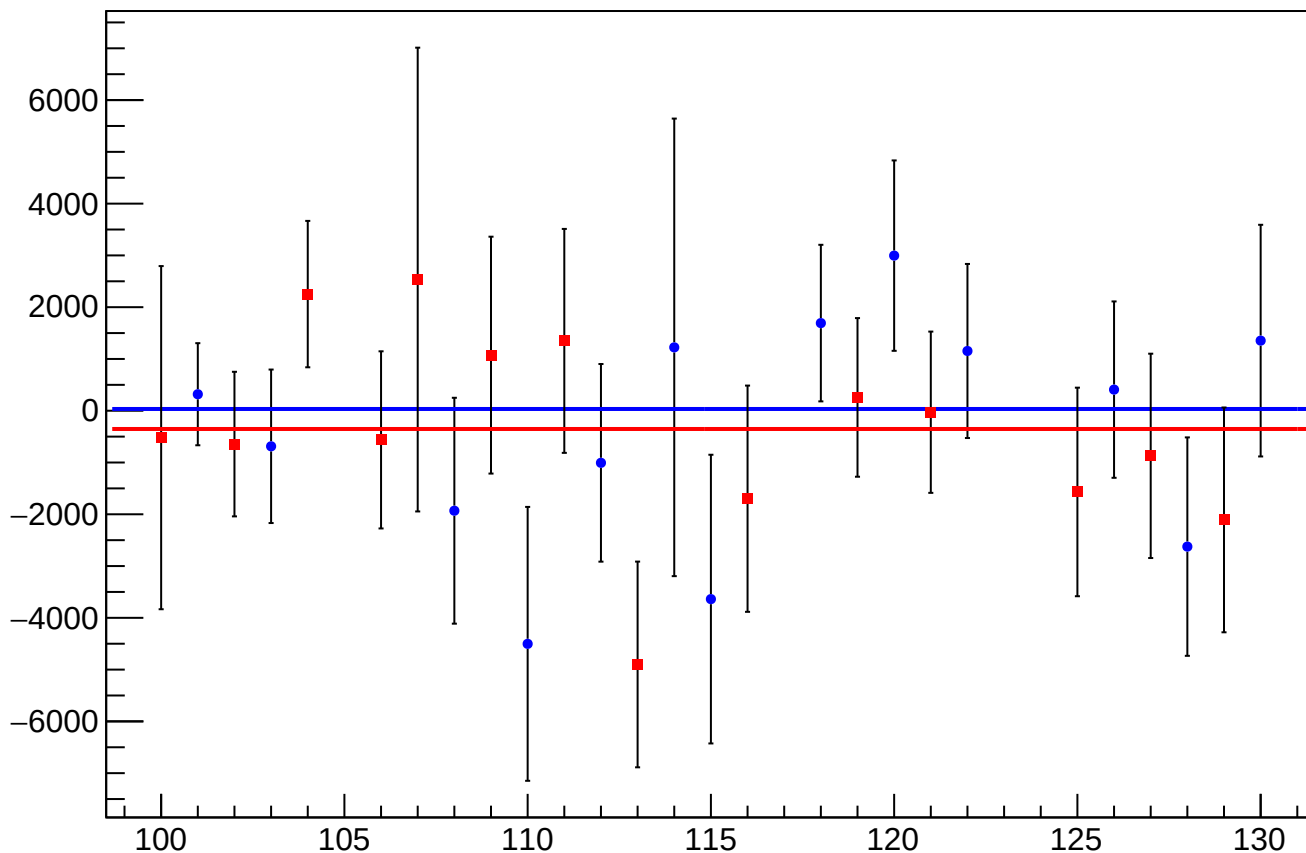
Right: 782.848 ± 0.164 χ^2/NDF : 18704.8/26

In: 781.290 ± 0.235 χ^2/NDF : 12257.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 782.848 ± 0.164 χ^2/NDF : 18704.8/26

asym_us_avg_cor_correction_mean vs Slug, Sign Corrected



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

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

Right Out: -352.500+/-505.249 χ^2/NDF : 11.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

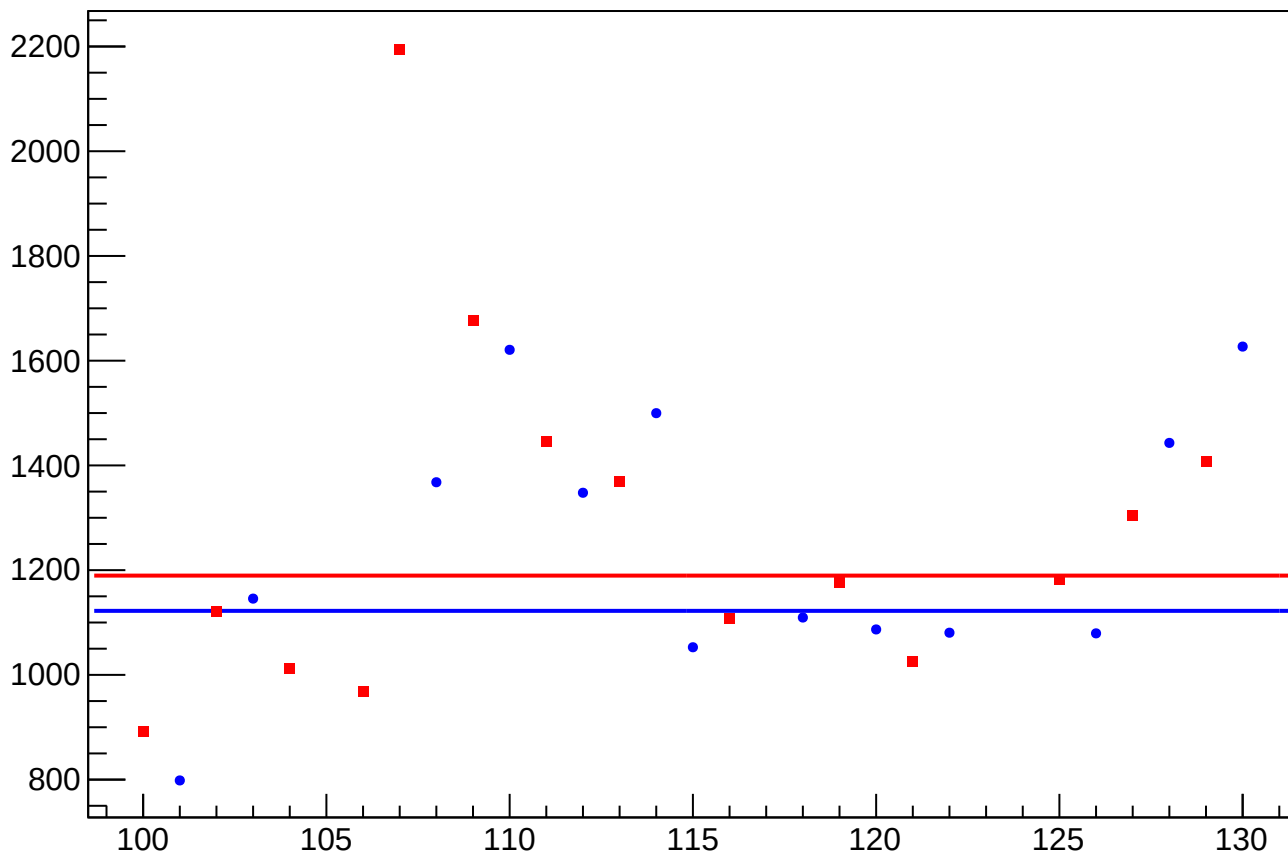
Right: -153.809+/-352.130 χ^2/NDF : 24.5/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -153.809+/-352.130 χ^2/NDF : 24.5/26

asym_us_avg_cor_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 1189.585+/-0.357 χ^2/NDF : 373886.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

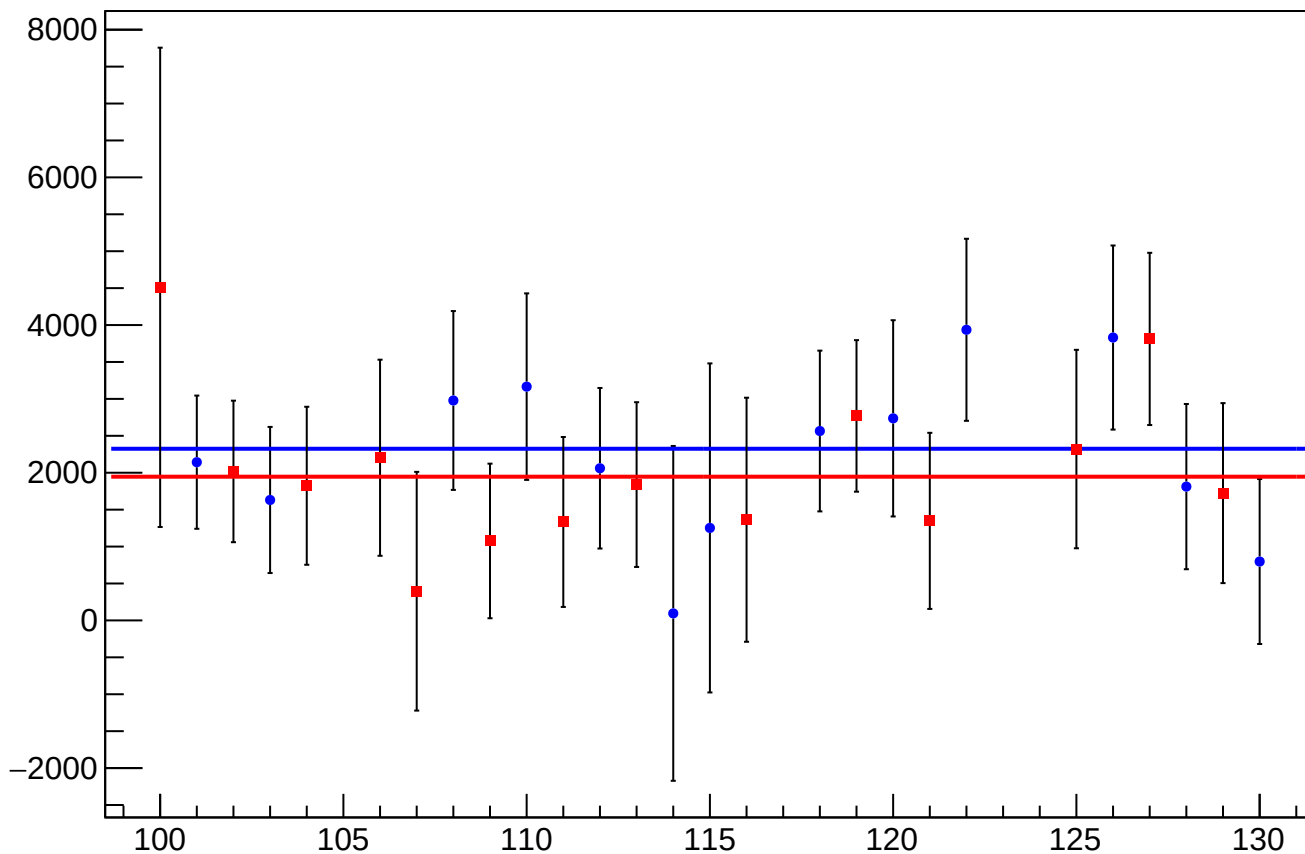
Right: 1154.961+/-0.249 χ^2/NDF : 899953.6/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1154.961+/-0.249 χ^2/NDF : 899953.6/26

overload_cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2324.694+/-331.261 χ^2/NDF : 7.9/12

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

Right Out: 1946.264+/-325.139 χ^2/NDF : 6.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

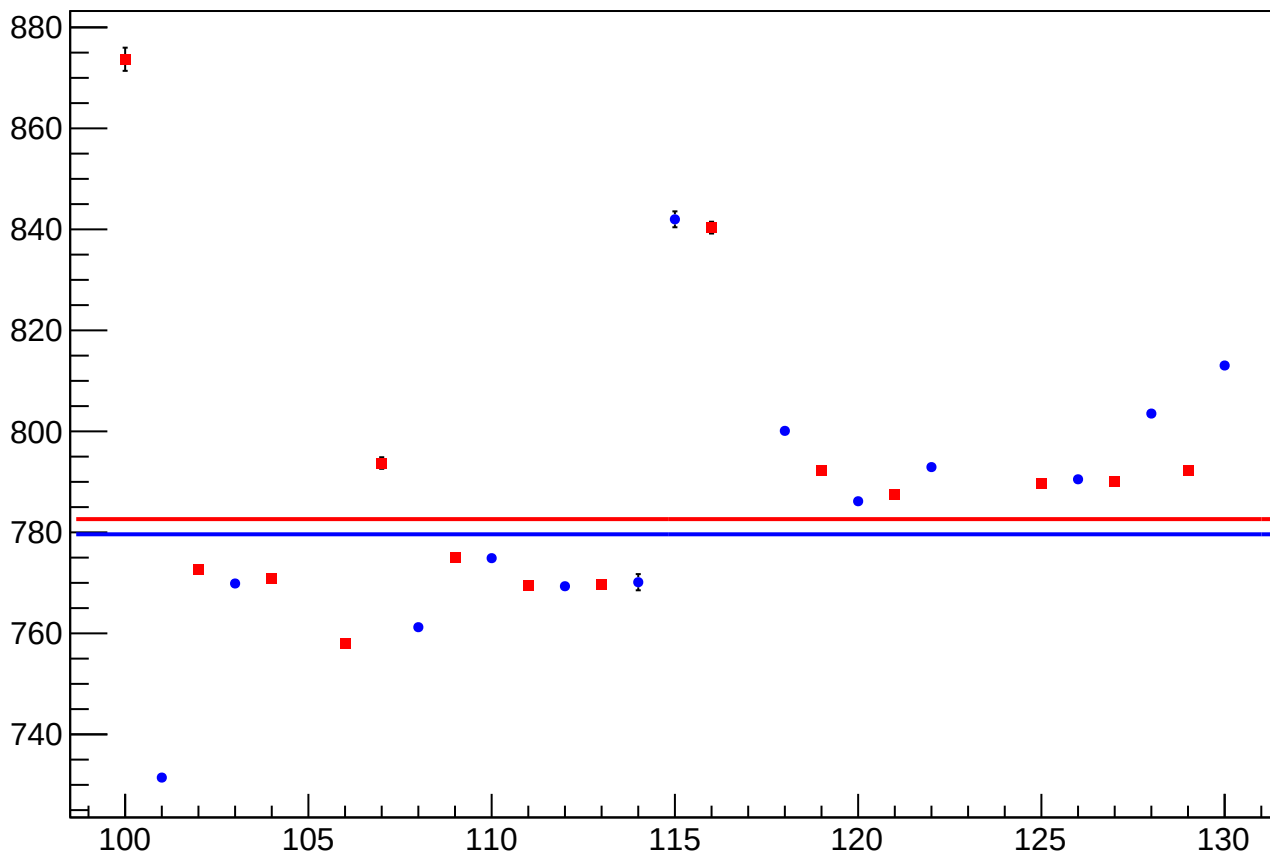
Right: 2131.950+/-232.042 χ^2/NDF : 14.9/26

In: 2324.694+/-331.261 χ^2/NDF : 7.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2131.950+/-232.042 χ^2/NDF : 14.9/26

overload_cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 779.617+/-0.234 χ^2/NDF : 12015.2/12

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

Right Out: 782.623+/-0.230 χ^2/NDF : 6358.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

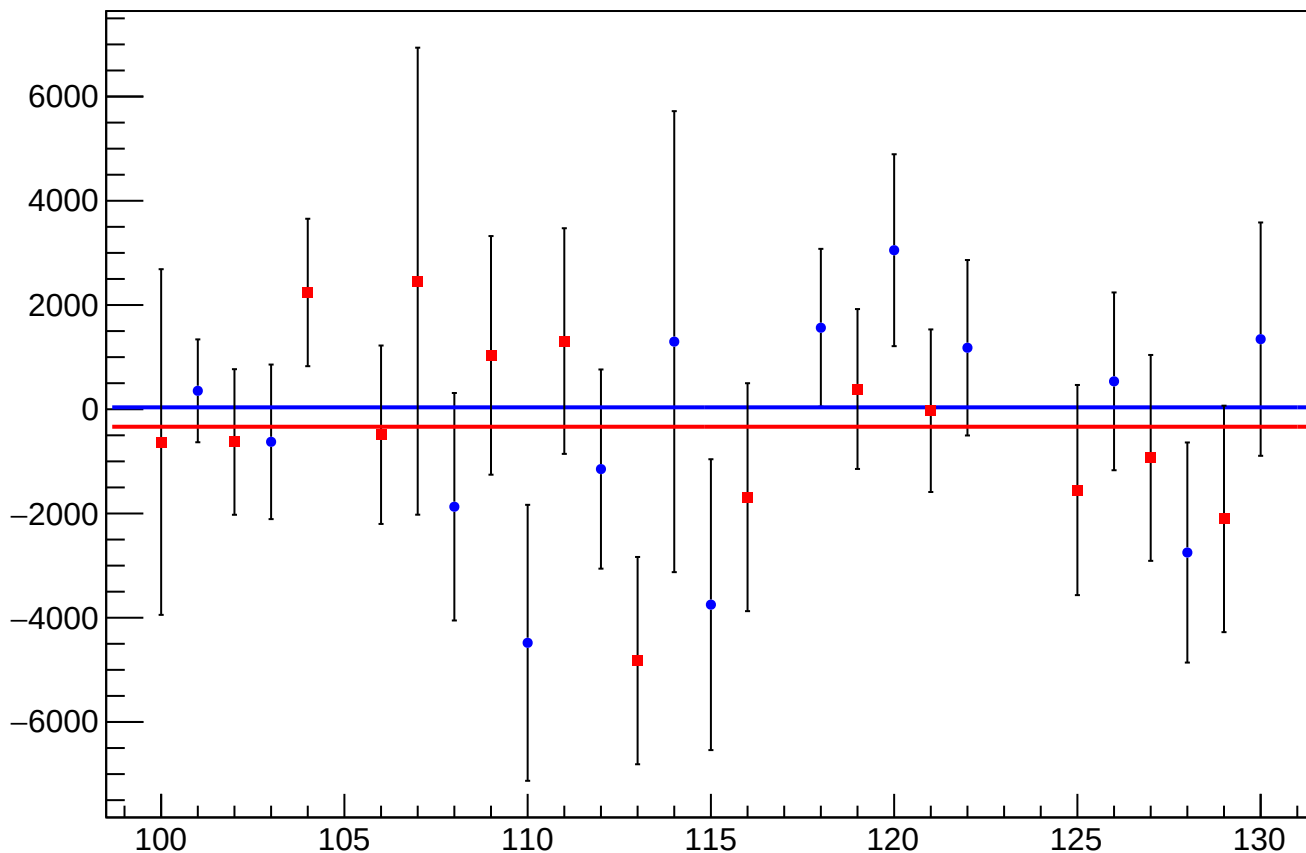
Right: 781.148+/-0.164 χ^2/NDF : 18457.1/26

In: 779.617+/-0.234 χ^2/NDF : 12015.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 781.148+/-0.164 χ^2/NDF : 18457.1/26

asym_us_avg_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 36.941+/-491.485 χ^2/NDF : 12.6/12

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

Right Out: -335.452+/-505.661 χ^2/NDF : 11.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

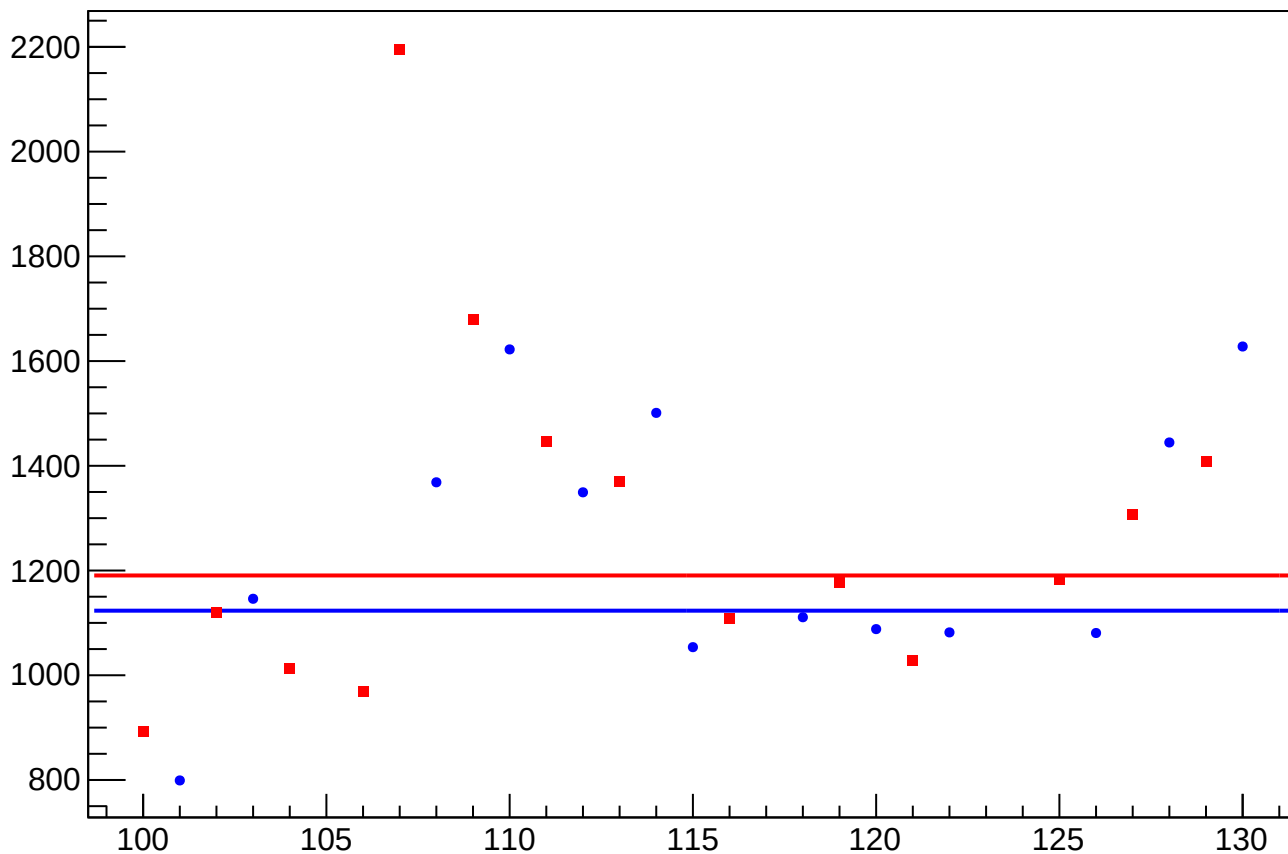
Right: -143.962+/-352.438 χ^2/NDF : 24.4/26

In: 36.941+/-491.485 χ^2/NDF : 12.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -143.962+/-352.438 χ^2/NDF : 24.4/26

asym_us_avg_overload_cor_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 1190.565+/-0.358 χ^2/NDF : 373922.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

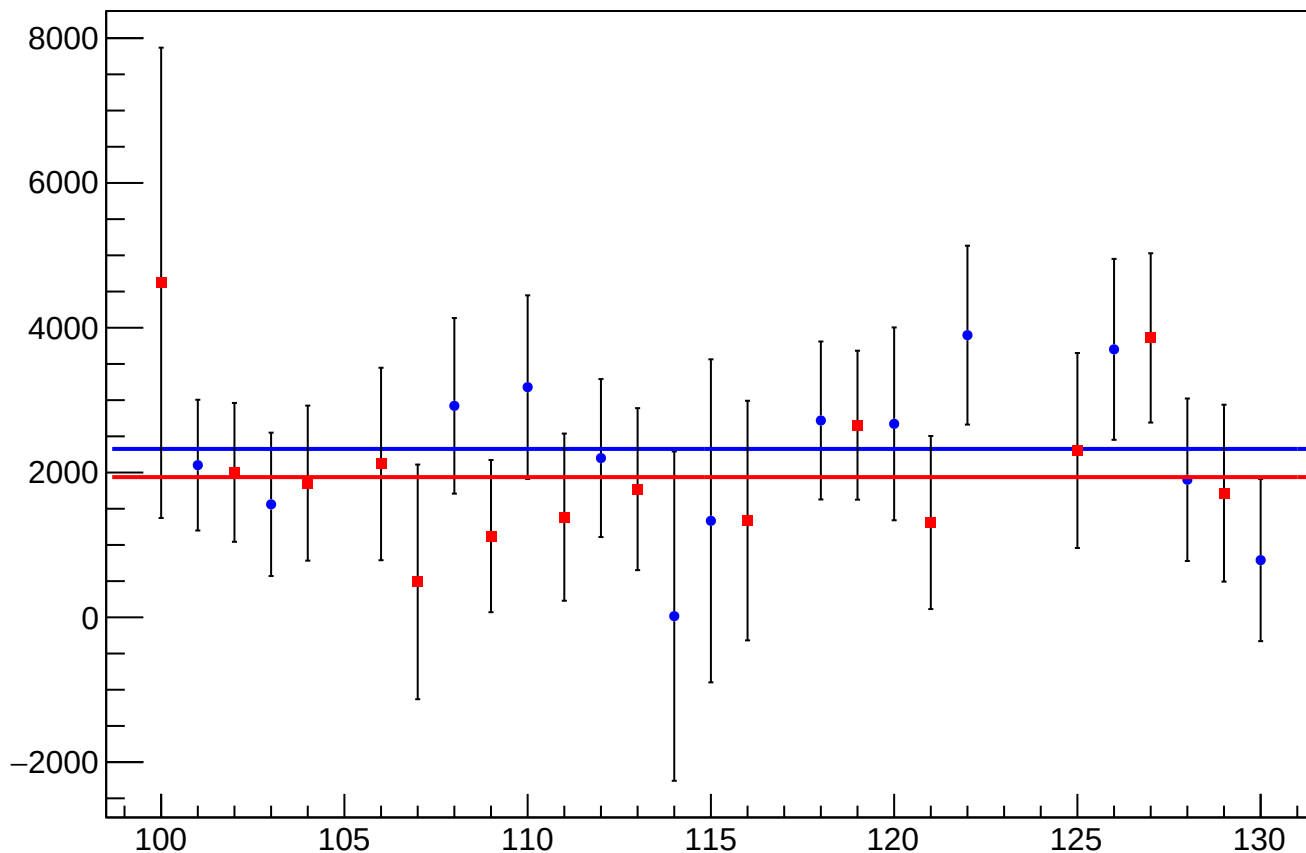
Right: 1155.989+/-0.249 χ^2/NDF : 899705.5/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1155.989+/-0.249 χ^2/NDF : 899705.5/26

eigen_cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2326.178+/-331.976 χ^2/NDF : 7.6/12

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

Right Out: 1936.765+/-325.856 χ^2/NDF : 6.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

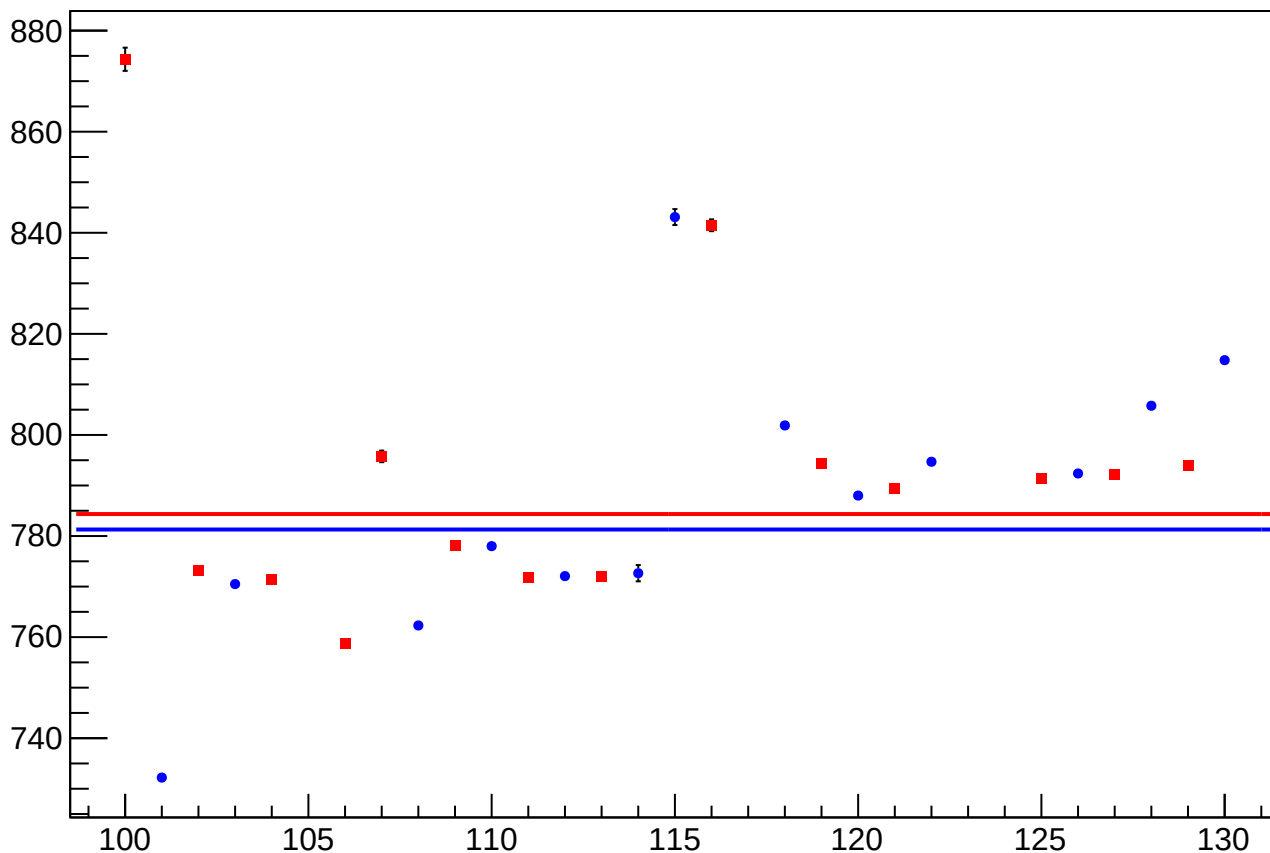
Right: 2127.849+/-232.549 χ^2/NDF : 14.4/26

In: 2326.178+/-331.976 χ^2/NDF : 7.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2127.849+/-232.549 χ^2/NDF : 14.4/26

eigen_cor_asym_us_avg_rms vs Slug, Sign Corrected



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

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

Right Out: 784.349+/-0.230 χ^2/NDF : 6360.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

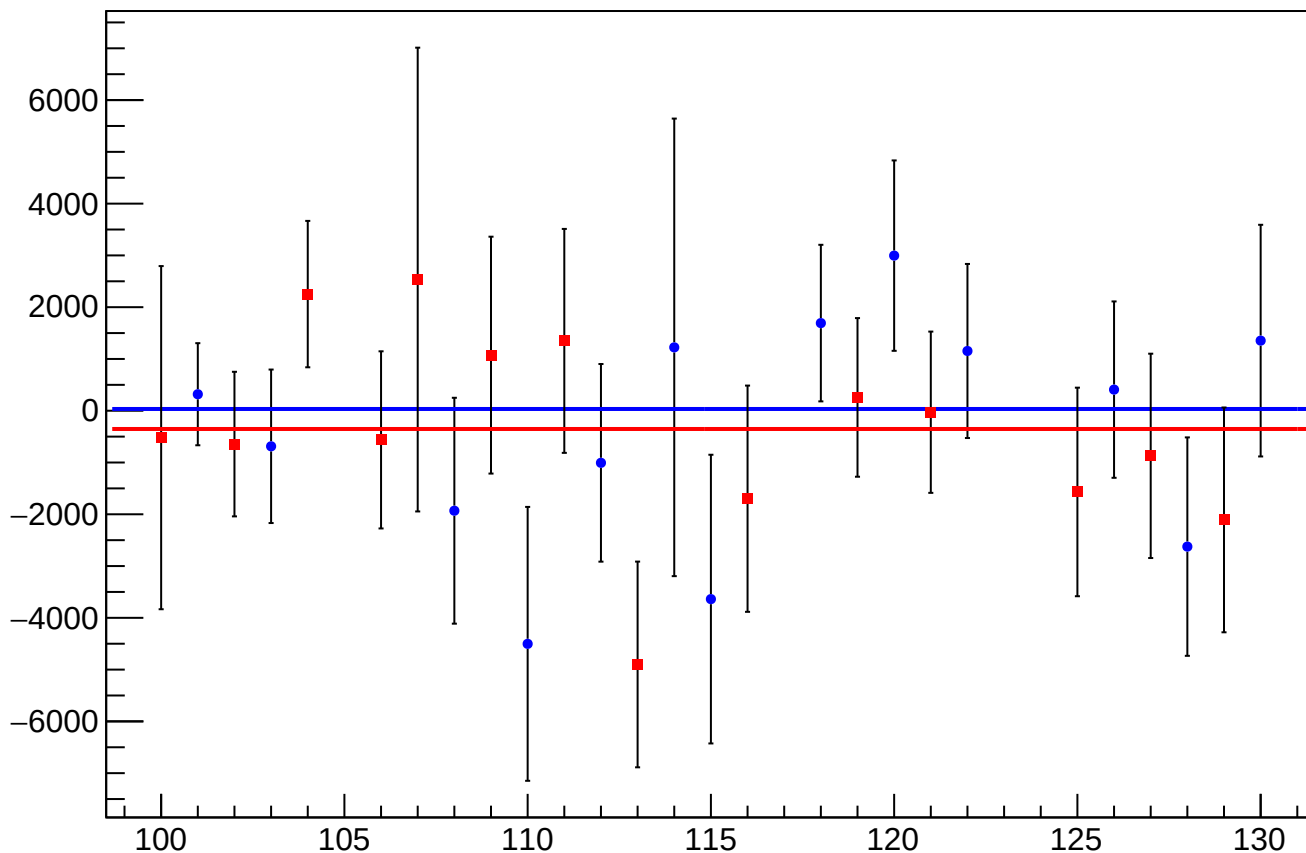
Right: 782.848+/-0.164 χ^2/NDF : 18704.8/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 782.848+/-0.164 χ^2/NDF : 18704.8/26

asym_us_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



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

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

Right Out: -352.500+/-505.249 χ^2/NDF : 11.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

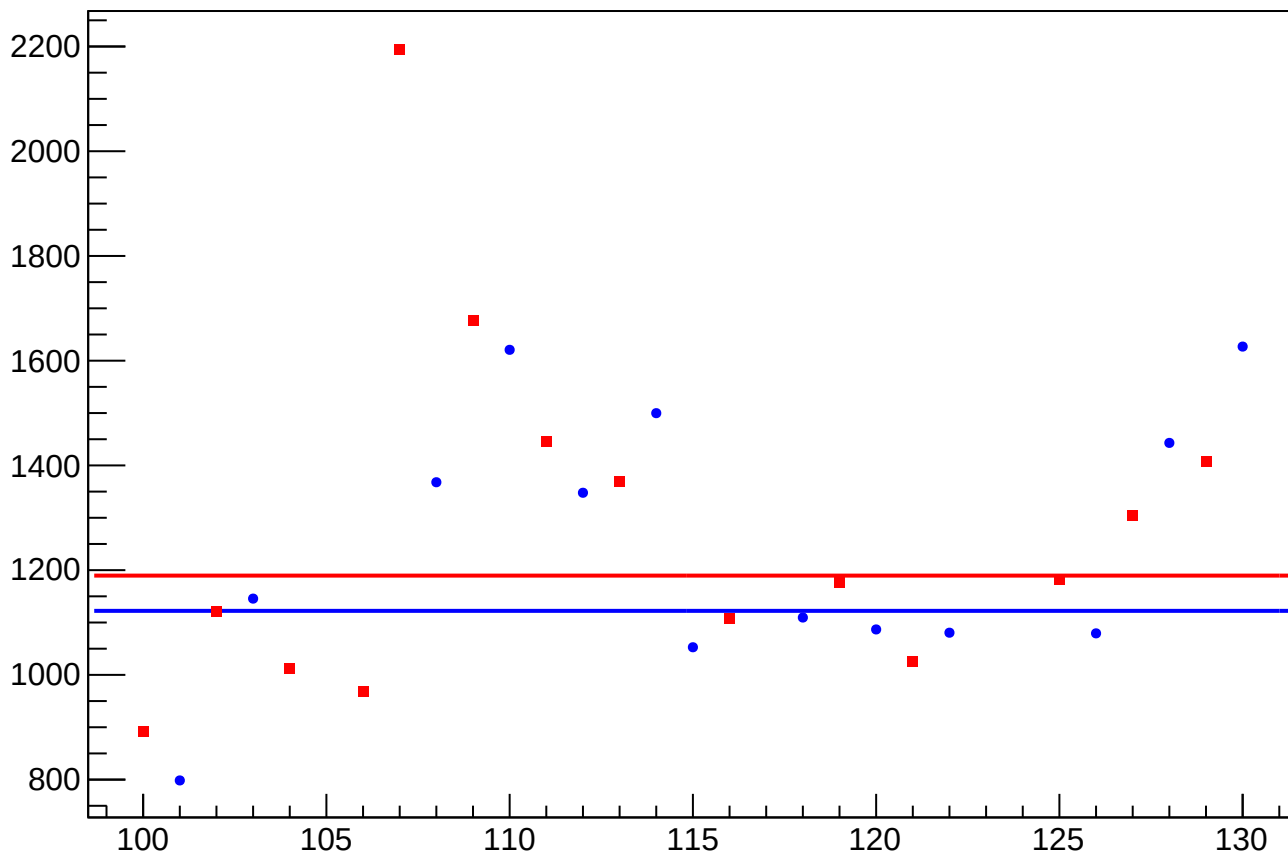
Right: -153.809+/-352.130 χ^2/NDF : 24.5/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -153.809+/-352.130 χ^2/NDF : 24.5/26

asym_us_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 1189.585+/-0.357 χ^2/NDF : 373886.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

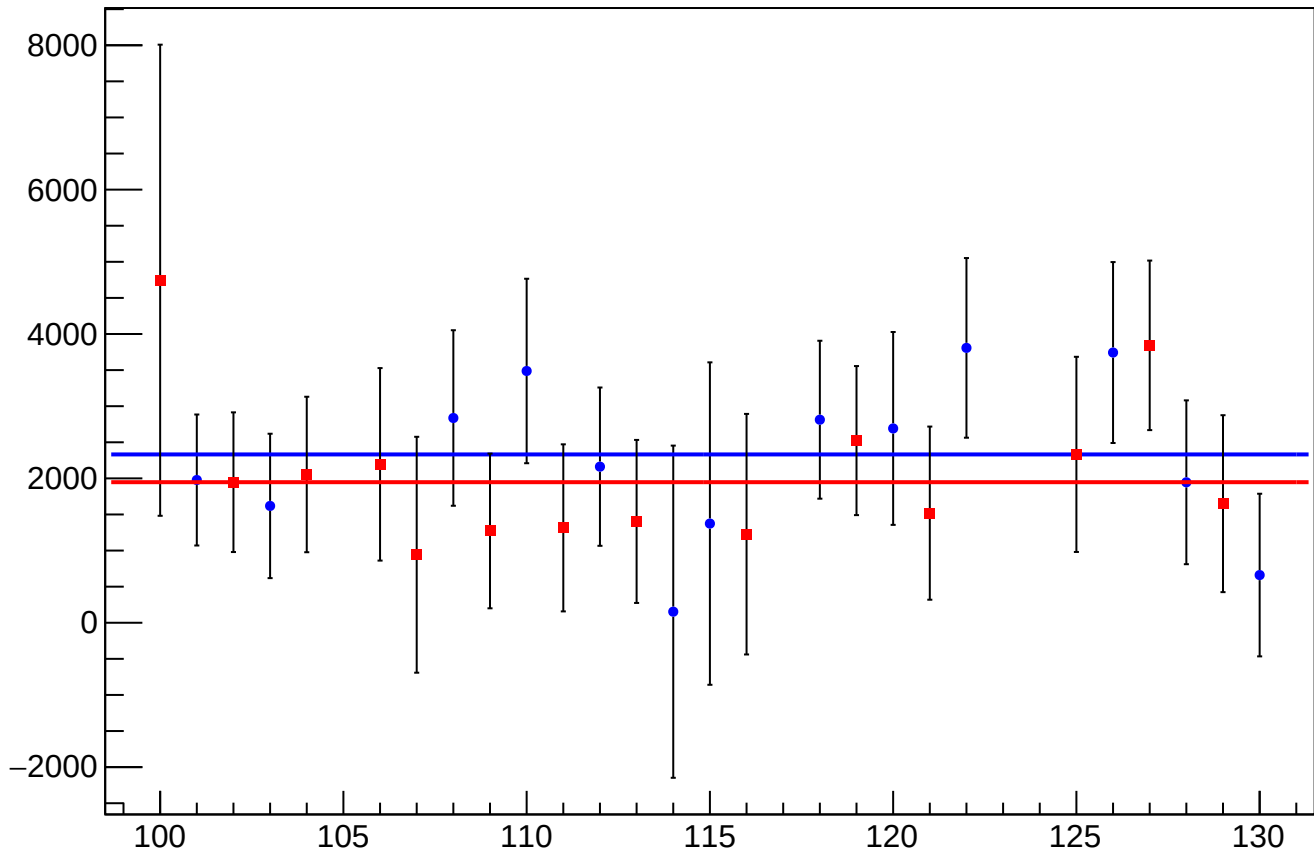
Right: 1154.961+/-0.249 χ^2/NDF : 899953.6/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1154.961+/-0.249 χ^2/NDF : 899953.6/26

dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2331.789 $\pm$ 333.935 χ^2 /NDF: 8.0/12

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

Right Out: 1947.264 $\pm$ 328.000 χ^2 /NDF: 5.5/13

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

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

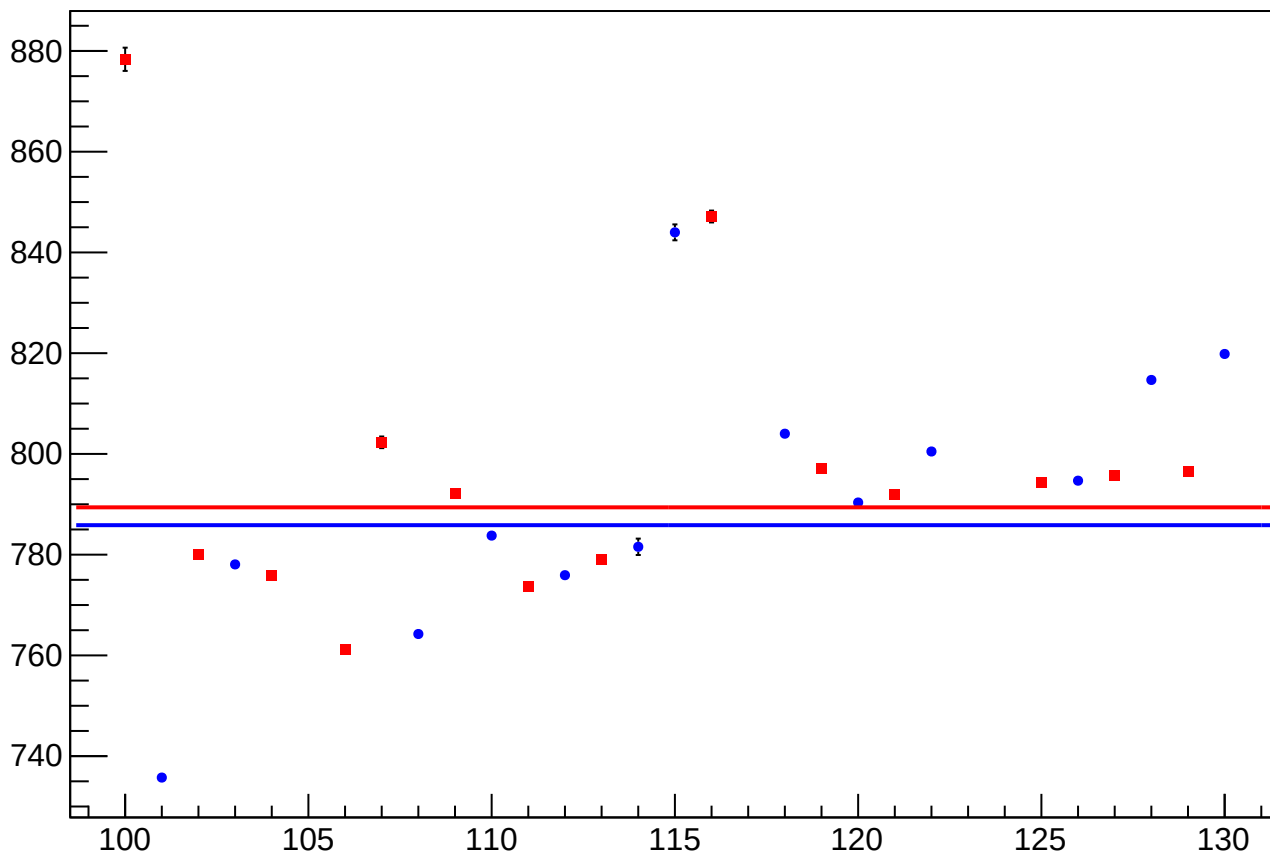
Right: 2136.080 $\pm$ 234.001 χ^2 /NDF: 14.1/26

In: 2331.789 $\pm$ 333.935 χ^2 /NDF:8.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2136.080 $\pm$ 234.001 χ^2 /NDF: 14.1/26

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

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

Right Out: 789.394 $\pm$ 0.232 χ^2 /NDF: 6230.7/13

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

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

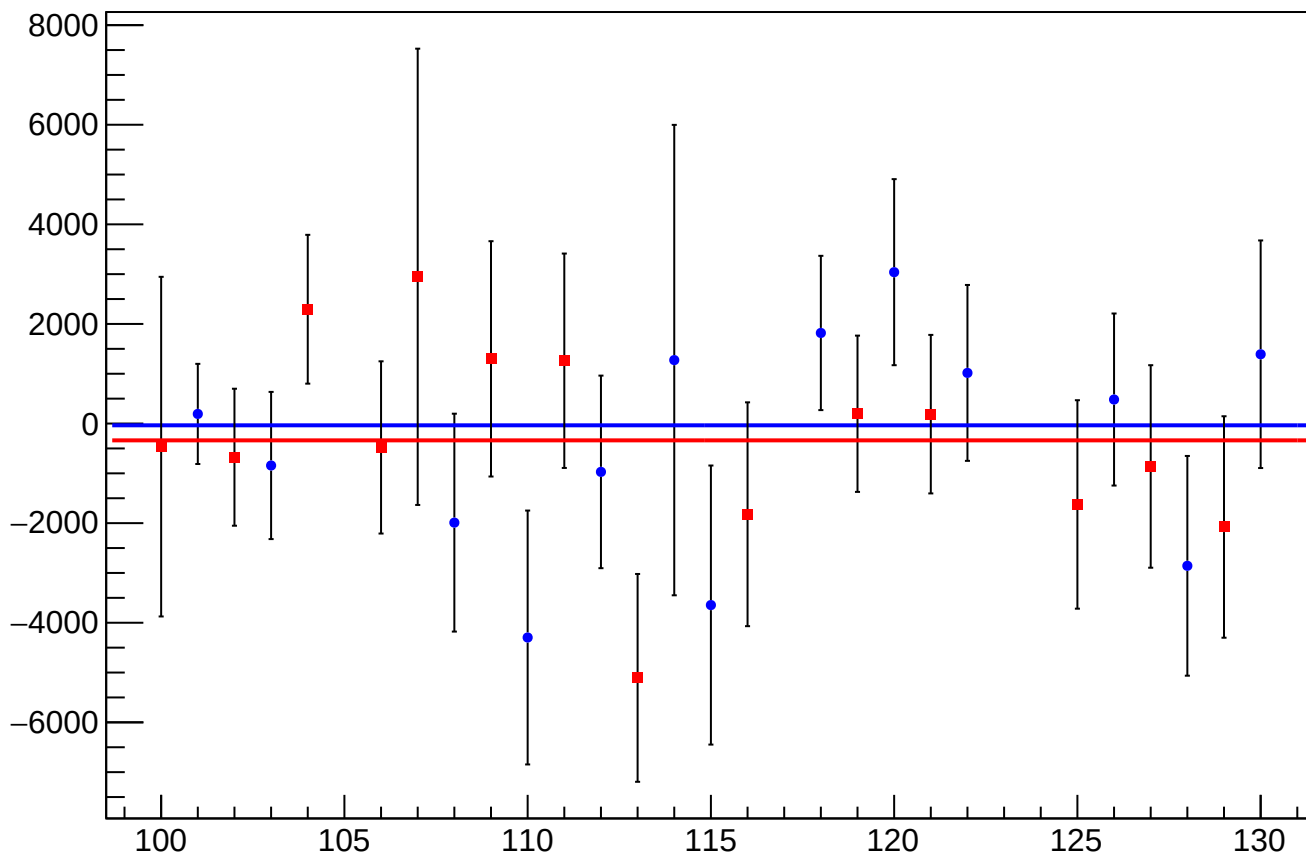
Right: 787.656 $\pm$ 0.165 χ^2 /NDF: 18790.4/26

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 787.656 $\pm$ 0.165 χ^2 /NDF: 18790.4/26

asym_us_avg_dit_correction_mean vs Slug, Sign Corrected



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

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

Right Out: -337.699 ± 517.045 χ^2/NDF : 11.7/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

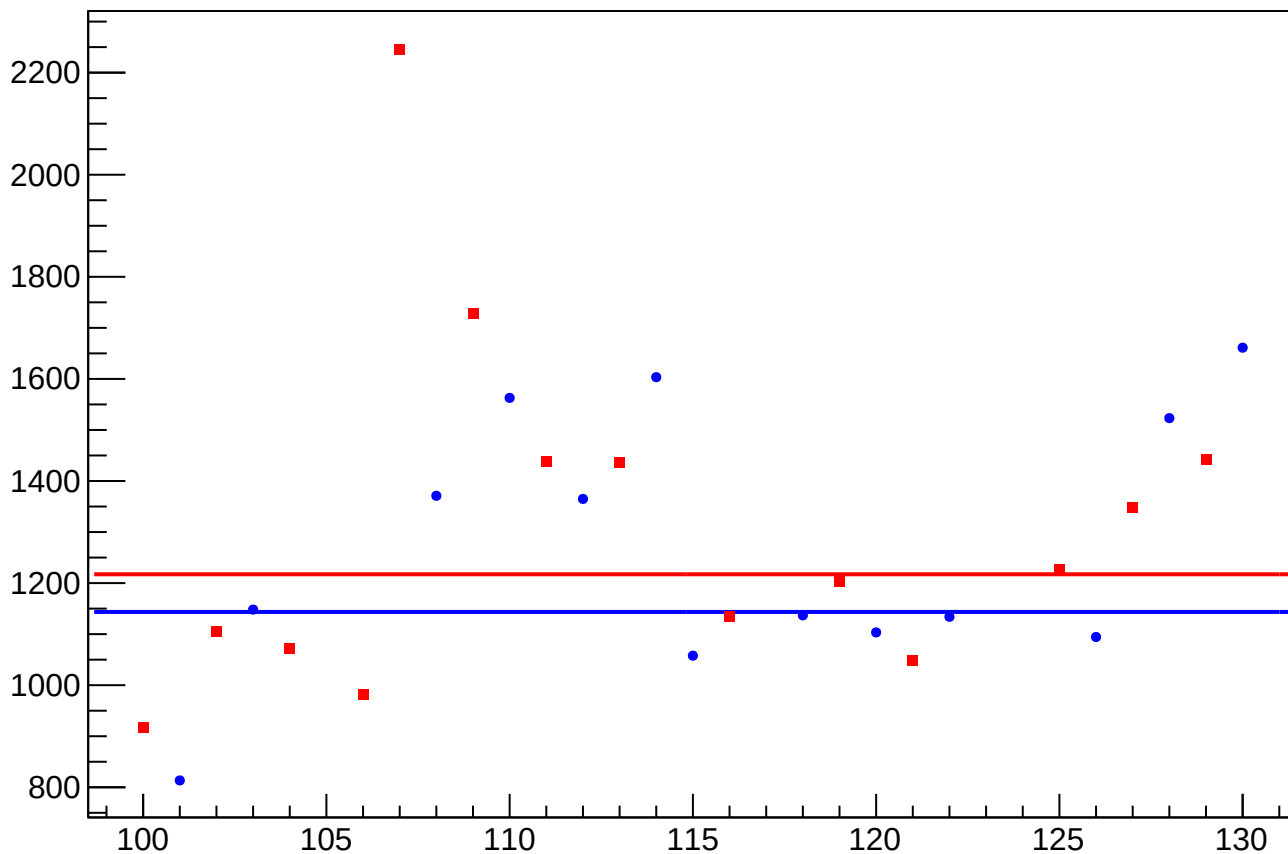
Right: -181.442 ± 359.297 χ^2/NDF : 24.4/26

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

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -181.442 ± 359.297 χ^2/NDF : 24.4/26

asym_us_avg_dit_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 1217.264+/-0.366 χ^2/NDF : 376367.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

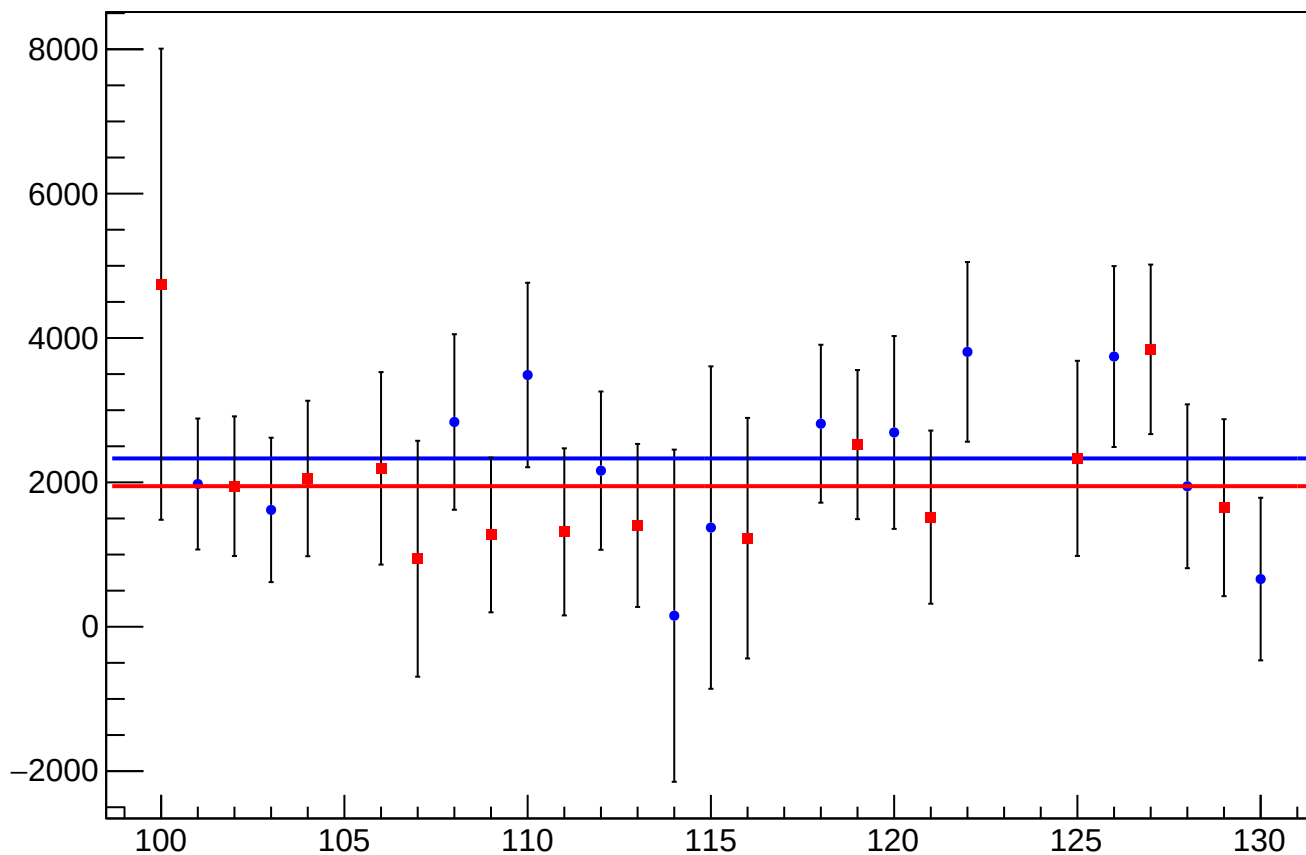
Right: 1179.117+/-0.254 χ^2/NDF : 900333.1/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1179.117+/-0.254 χ^2/NDF : 900333.1/26

eigen_dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2331.791+/-333.935 χ^2/NDF : 8.0/12

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

Right Out: 1947.263+/-328.000 χ^2/NDF : 5.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

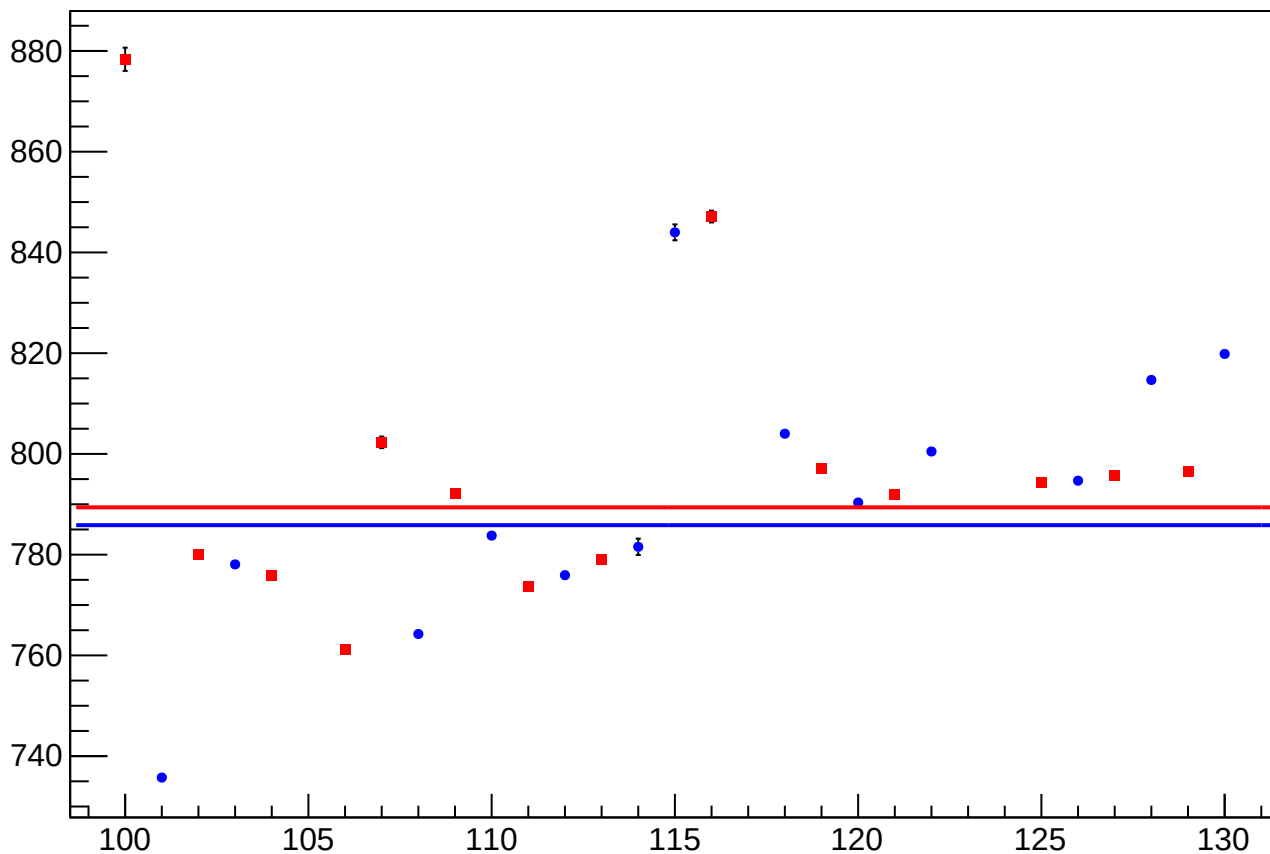
Right: 2136.080+/-234.001 χ^2/NDF : 14.1/26

In: 2331.791+/-333.935 χ^2/NDF : 8.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2136.080+/-234.001 χ^2/NDF : 14.1/26

eigen_dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 785.853+/-0.236 χ^2/NDF : 12445.2/12

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

Right Out: 789.394+/-0.232 χ^2/NDF : 6230.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

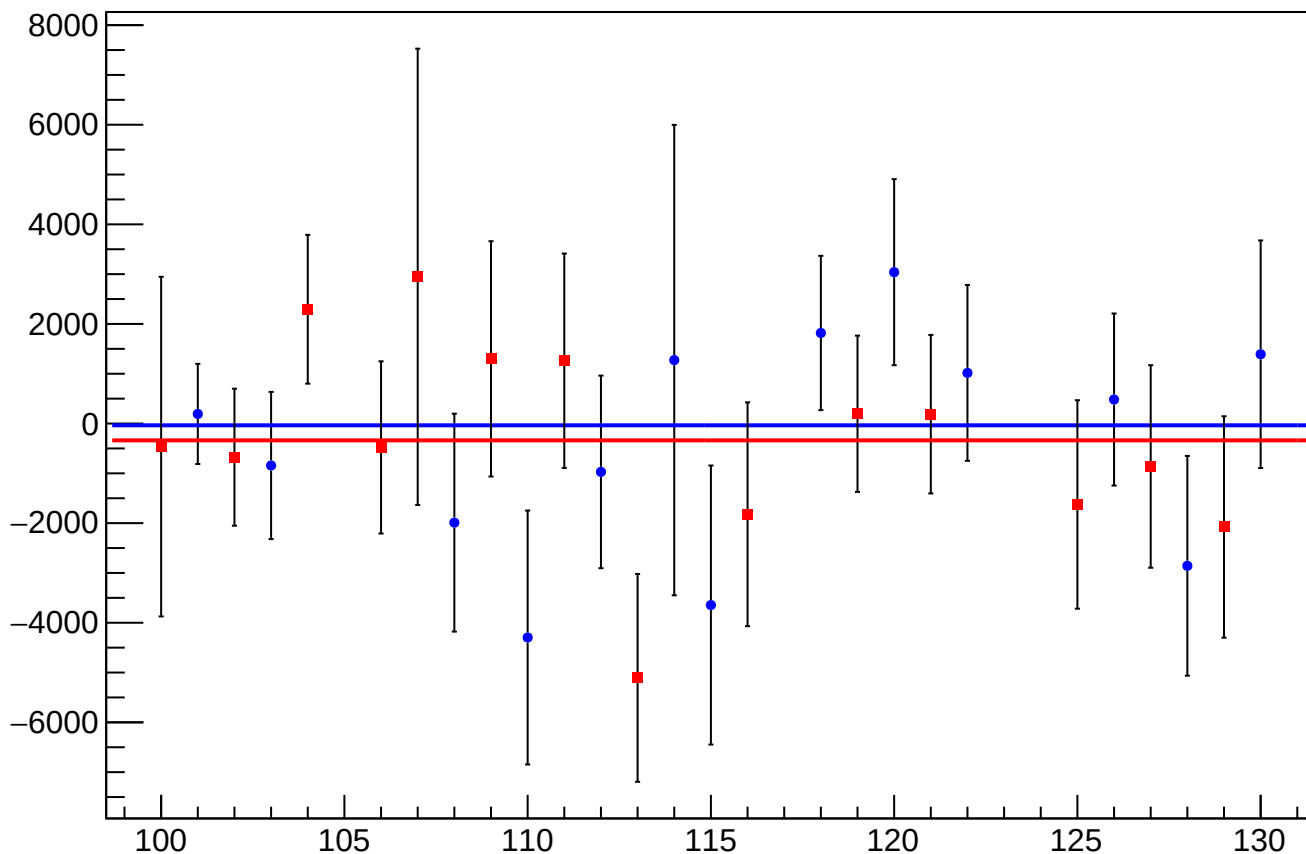
Right: 787.655+/-0.165 χ^2/NDF : 18790.3/26

In: 785.853+/-0.236 χ^2/NDF : 12445.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 787.655+/-0.165 χ^2/NDF : 18790.3/26

asym_us_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -35.521 ± 499.646 $\chi^2/\text{NDF}: 12.5/12$

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

Right Out: -337.698 ± 517.043 $\chi^2/\text{NDF}: 11.7/13$

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

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

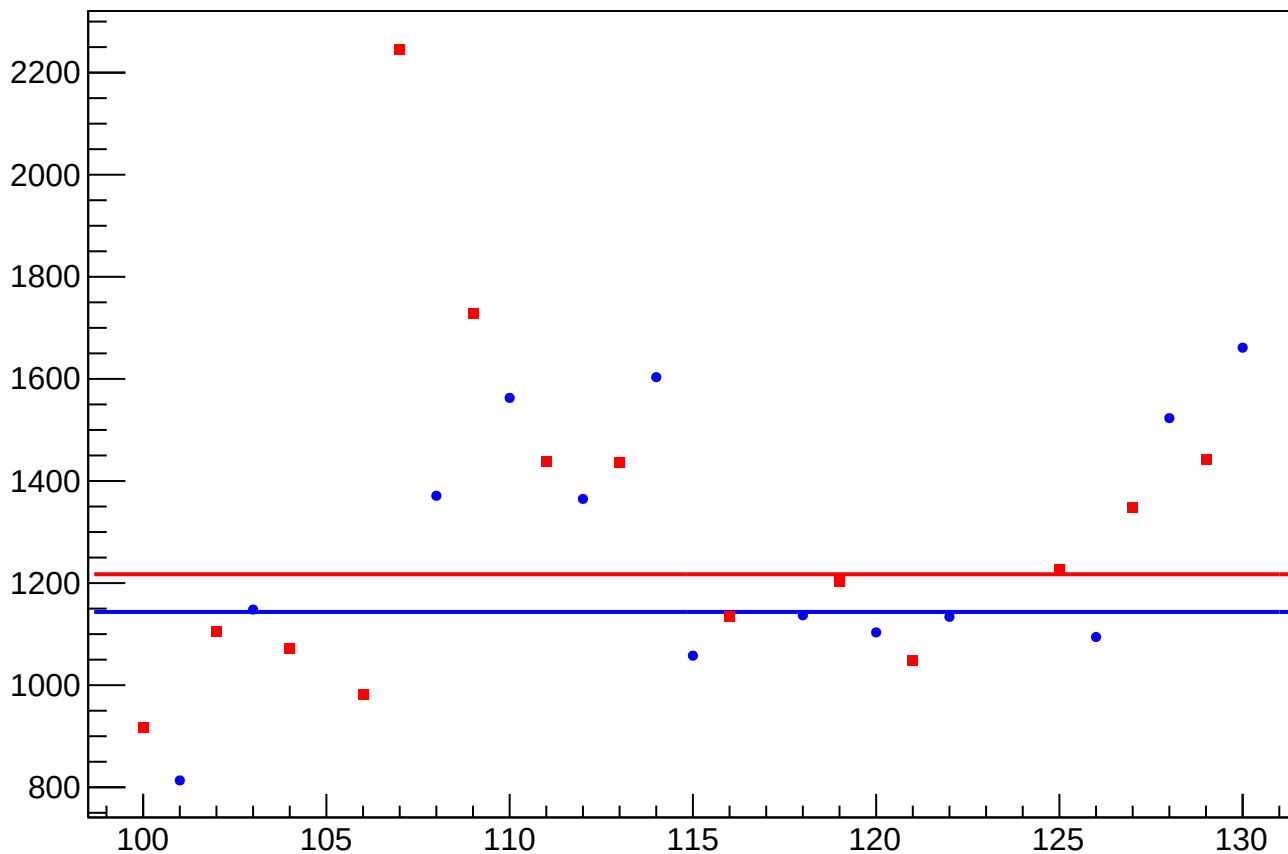
Right: -181.440 ± 359.296 $\chi^2/\text{NDF}: 24.4/26$

In: -35.521 ± 499.646 $\chi^2/\text{NDF}: 12.5/12$

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

All: -181.440 ± 359.296 $\chi^2/\text{NDF}: 24.4/26$

asym_us_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 1217.261+/-0.366 χ^2/NDF : 376365.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

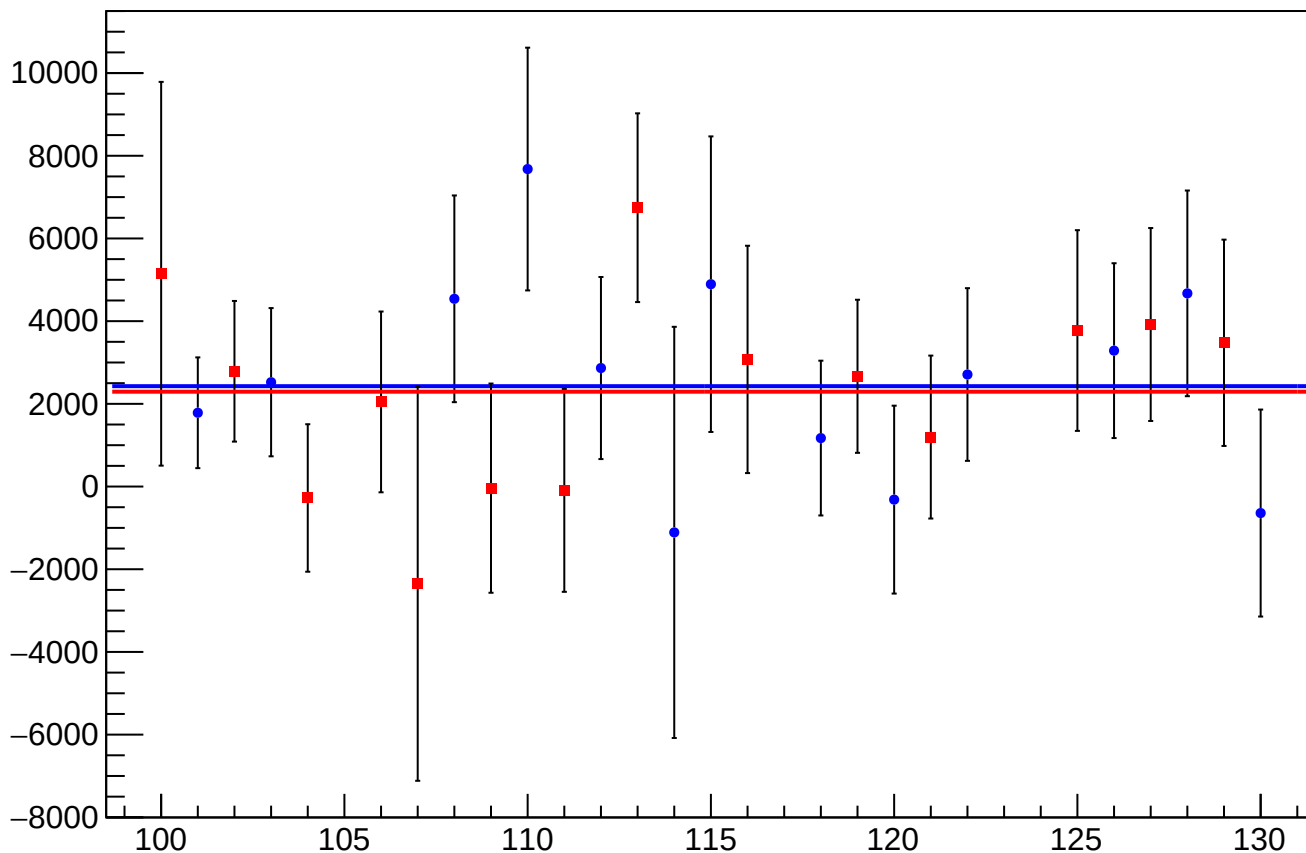
Right: 1179.113+/-0.254 χ^2/NDF : 900326.3/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1179.113+/-0.254 χ^2/NDF : 900326.3/26

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2427.321+/-605.969 χ^2/NDF : 9.6/12

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

Right Out: 2294.149+/-612.002 χ^2/NDF : 10.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

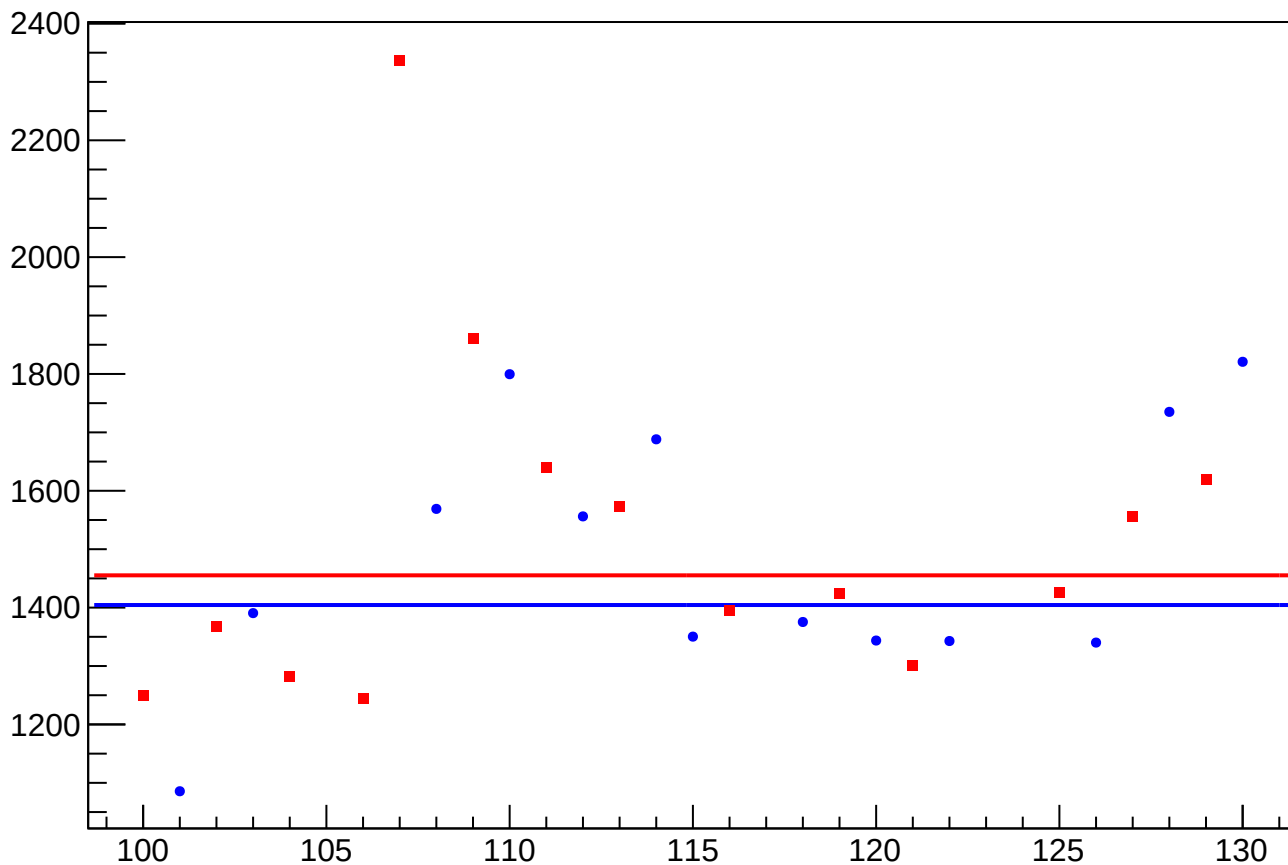
Right: 2361.394+/-430.602 χ^2/NDF : 20.2/26

In: 2427.321+/-605.969 χ^2/NDF : 9.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2361.394+/-430.602 χ^2/NDF : 20.2/26

asym_us_avg_rms vs Slug, Sign Corrected



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

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

Right Out: 1455.258+/-0.433 χ^2/NDF : 209629.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

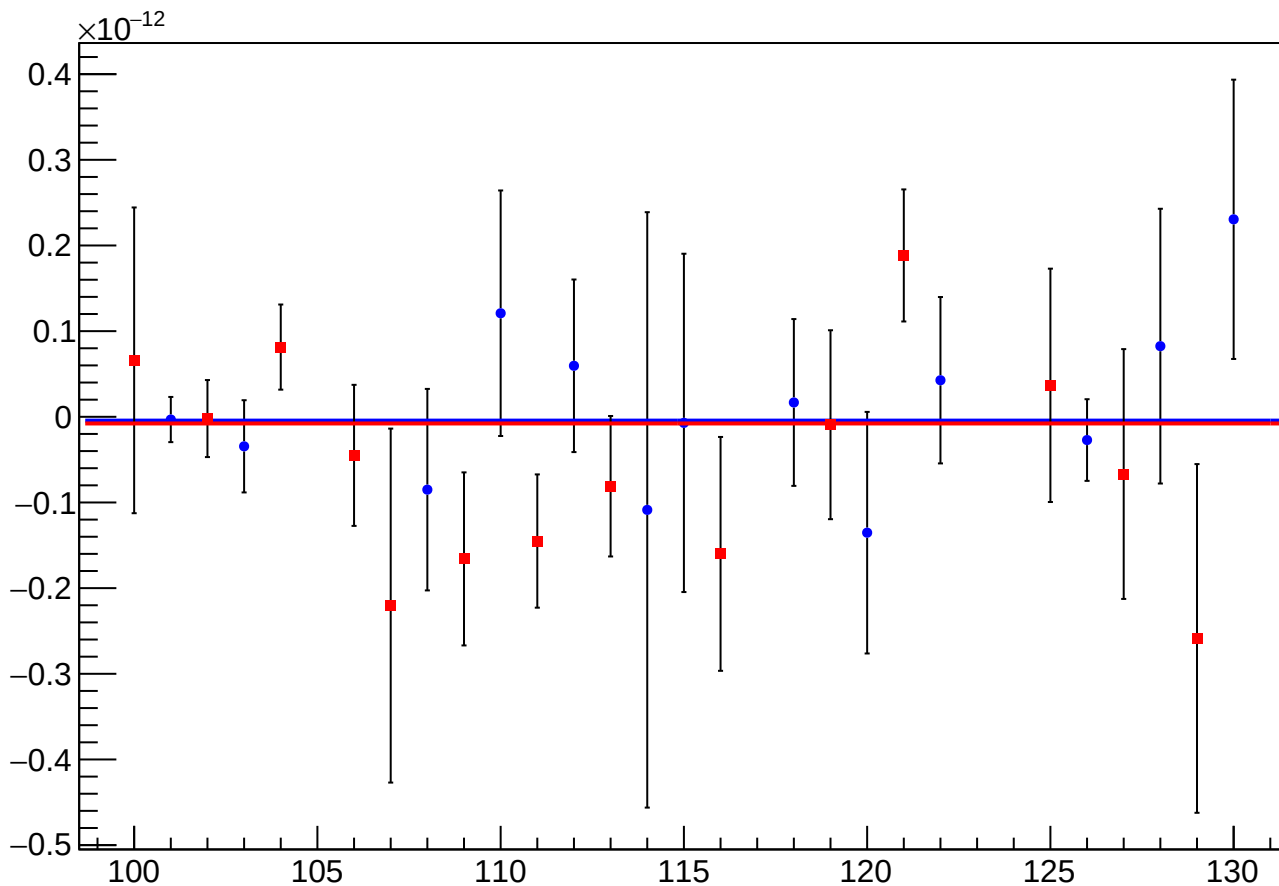
Right: 1429.594+/-0.304 χ^2/NDF : 487629.7/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1429.594+/-0.304 χ^2/NDF : 487629.7/26

asym_us_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.8/12

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

Right Out: -0.000+/-0.000 χ^2/NDF : 20.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

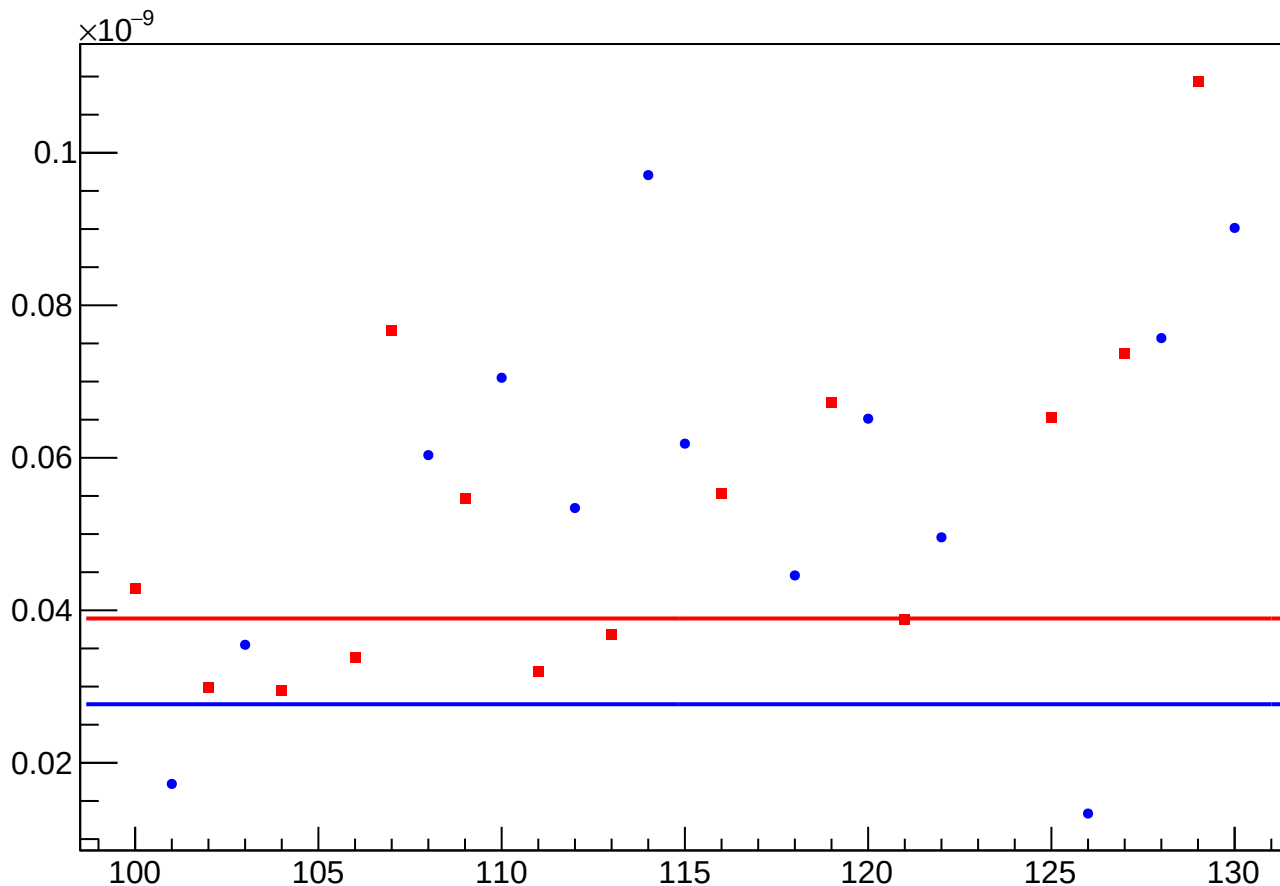
Right: -0.000+/-0.000 χ^2/NDF : 26.3/26

In: -0.000+/-0.000 χ^2/NDF : 5.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.3/26

asym_us_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1915540.4/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 881366.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

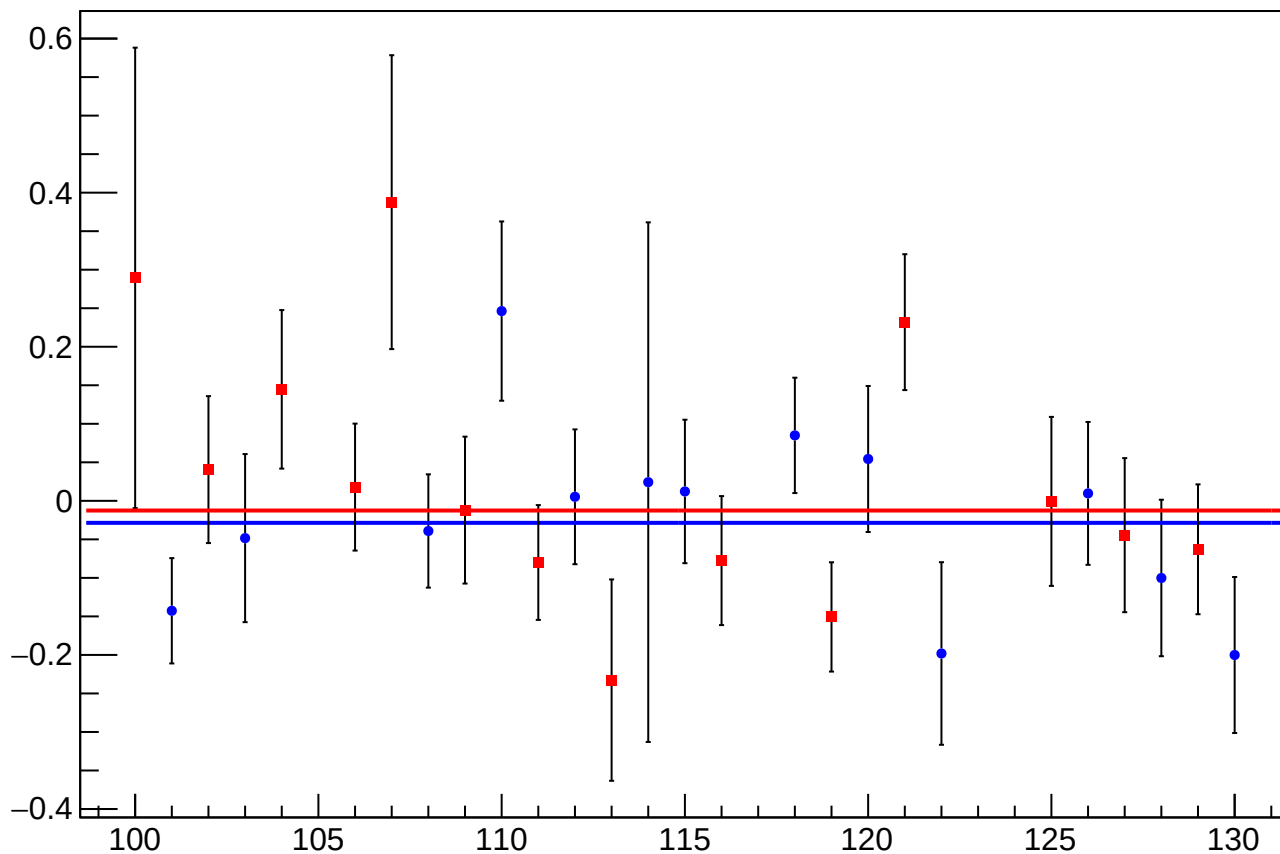
Right: 0.000+/-0.000 χ^2/NDF : 3087728.7/26

In: 0.000+/-0.000 χ^2/NDF : 1915540.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3087728.7/26

asym_us_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.013+/-0.026 χ^2/NDF : 24.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

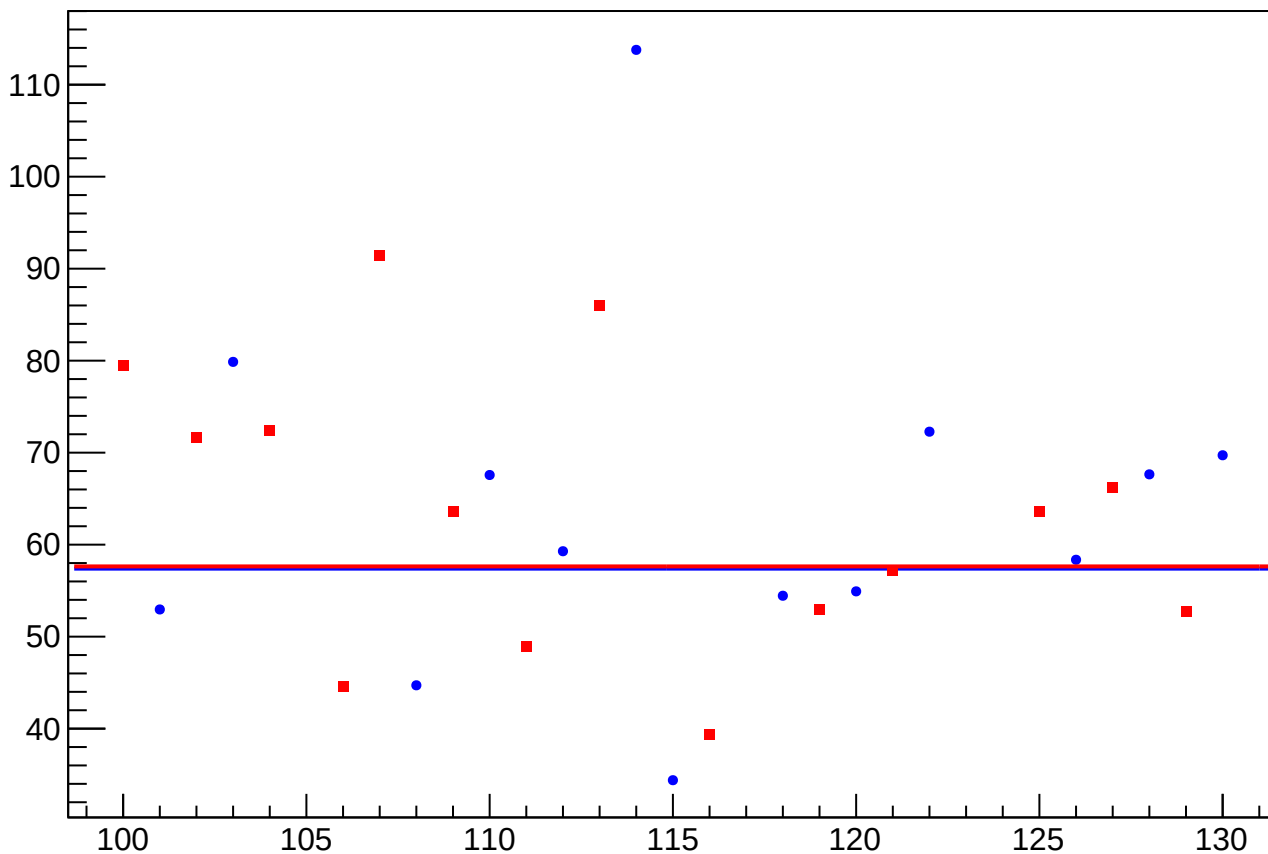
Right: -0.020+/-0.018 χ^2/NDF : 42.1/26

In: -0.029+/-0.026 χ^2/NDF : 17.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.020+/-0.018 χ^2/NDF : 42.1/26

asym_us_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 57.634+/-0.018 χ^2/NDF : 468734.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

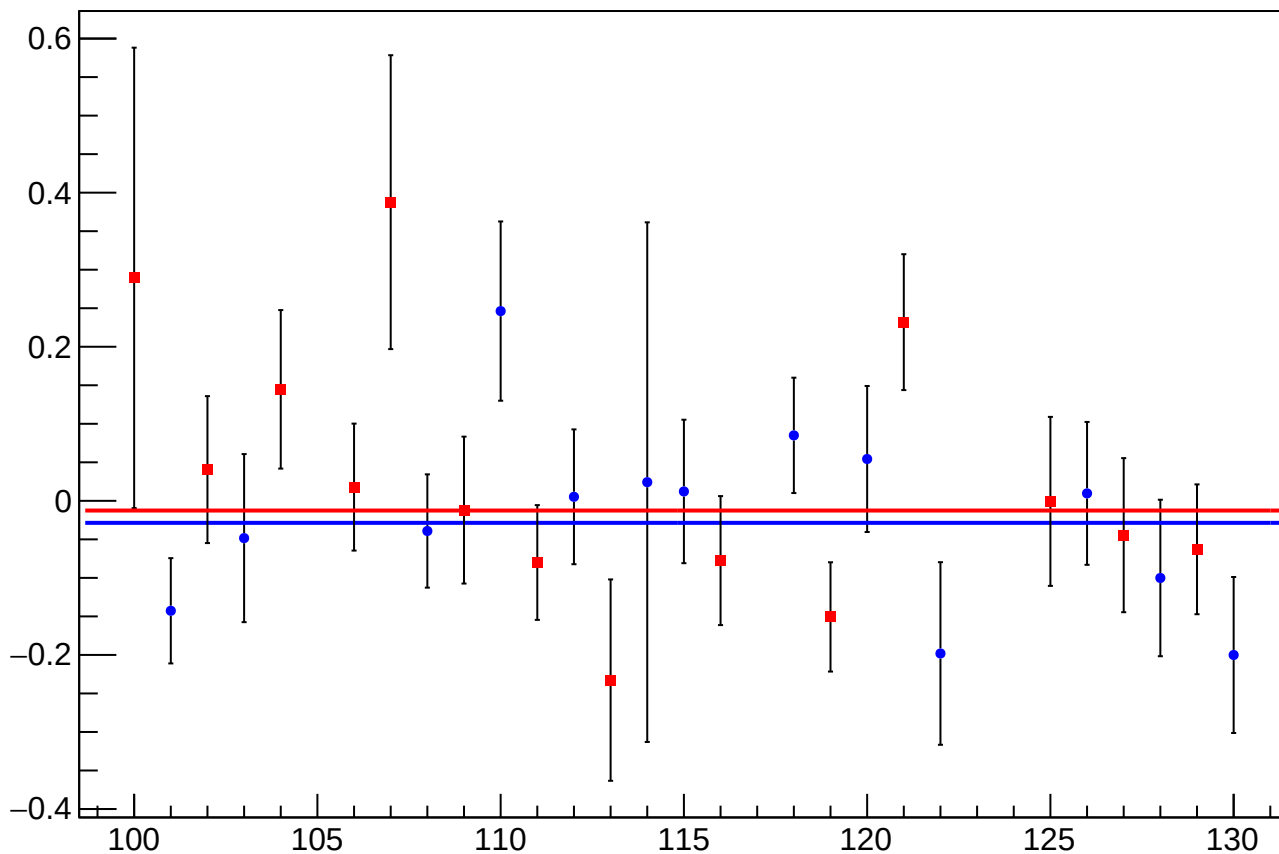
Right: 57.517+/-0.013 χ^2/NDF : 902066.3/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.517+/-0.013 χ^2/NDF : 902066.3/26

asym_us_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.013+/-0.026 χ^2/NDF : 24.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

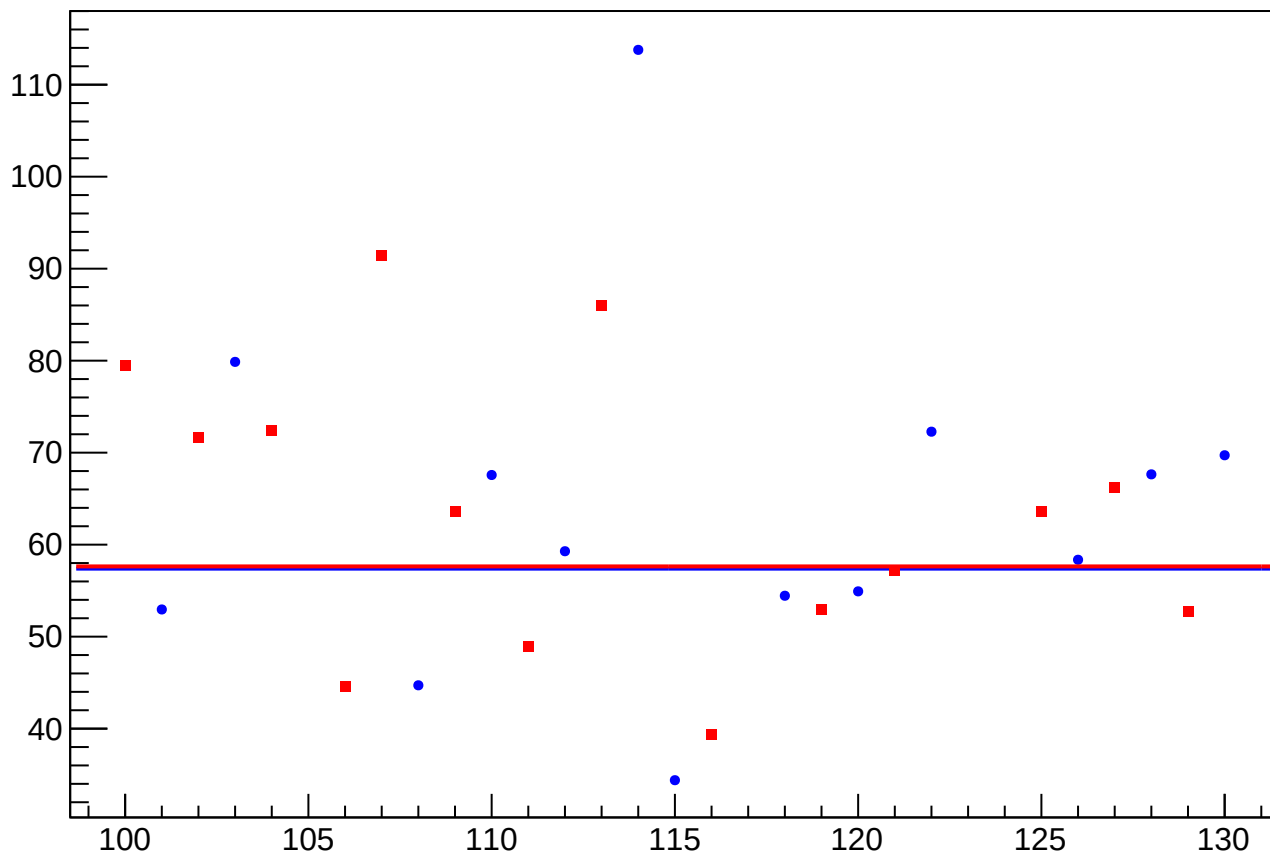
Right: -0.020+/-0.018 χ^2/NDF : 42.1/26

In: -0.029+/-0.026 χ^2/NDF : 17.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.020+/-0.018 χ^2/NDF : 42.1/26

asym_us_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 57.634+/-0.018 χ^2/NDF : 468734.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

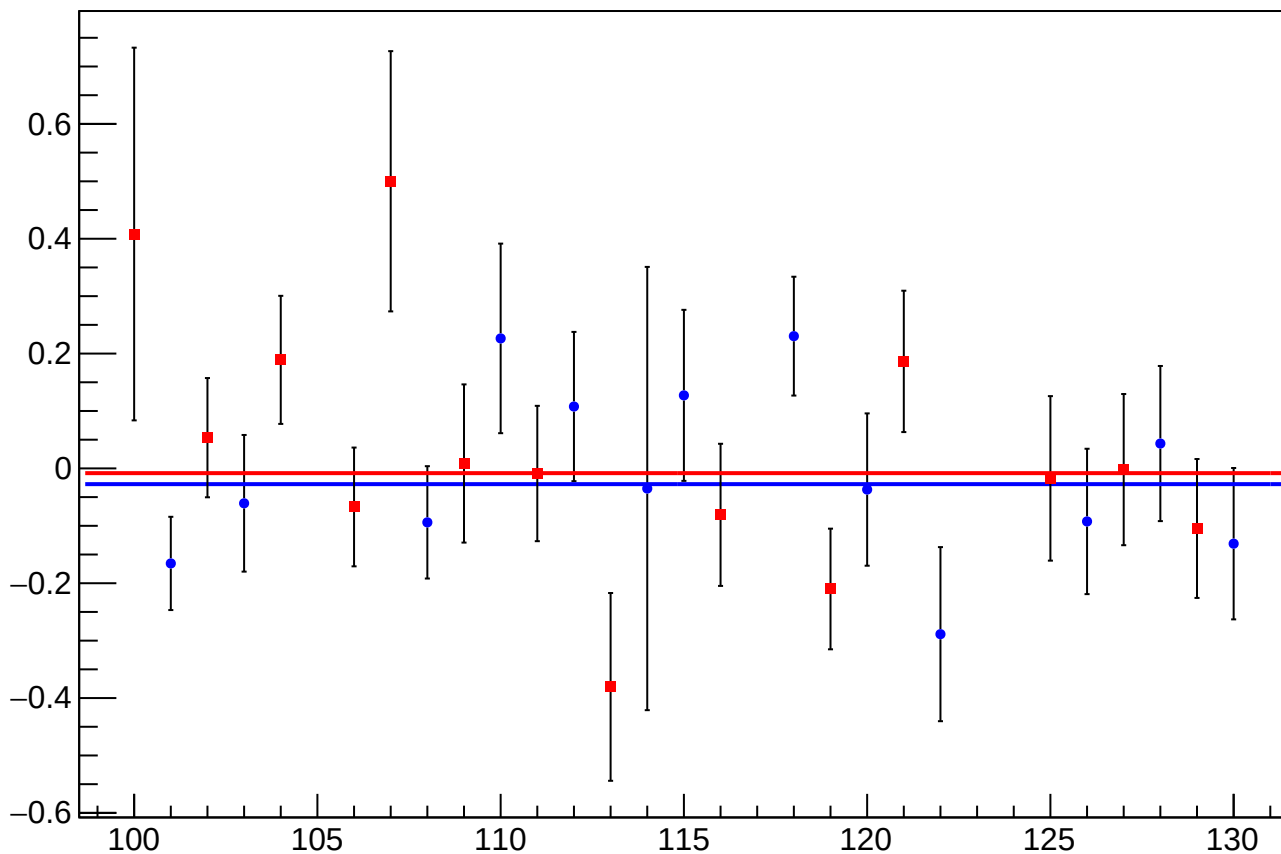
Right: 57.517+/-0.013 χ^2/NDF : 902066.3/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.517+/-0.013 χ^2/NDF : 902066.3/26

asym_us_avg_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.008 ± 0.034 χ^2/NDF : 22.9/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

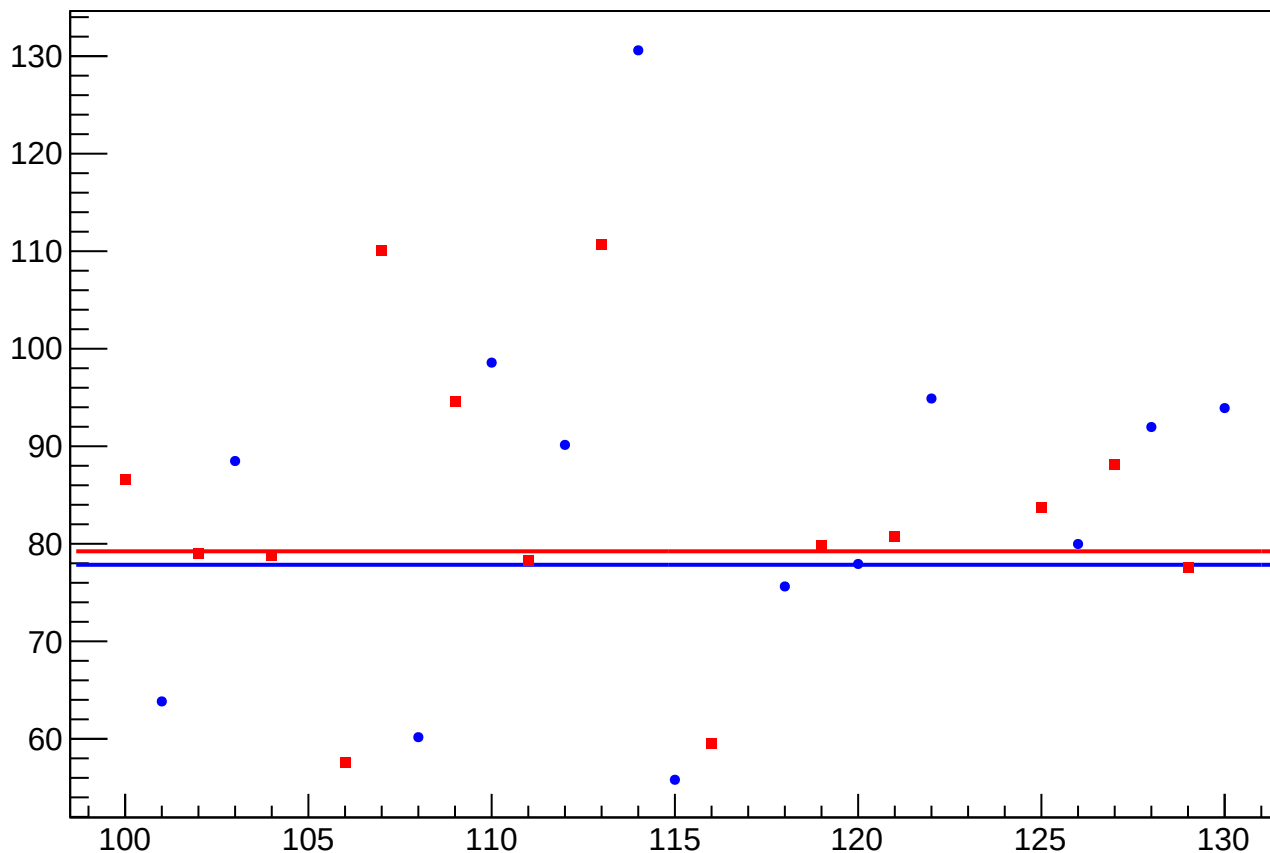
Right: -0.018 ± 0.024 χ^2/NDF : 41.3/26

In: -0.027 ± 0.034 χ^2/NDF : 18.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.018 ± 0.024 χ^2/NDF : 41.3/26

asym_us_avg_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 77.847+/-0.024 χ^2/NDF : 349714.4/12

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

Right Out: 79.230+/-0.024 χ^2/NDF : 287138.0/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

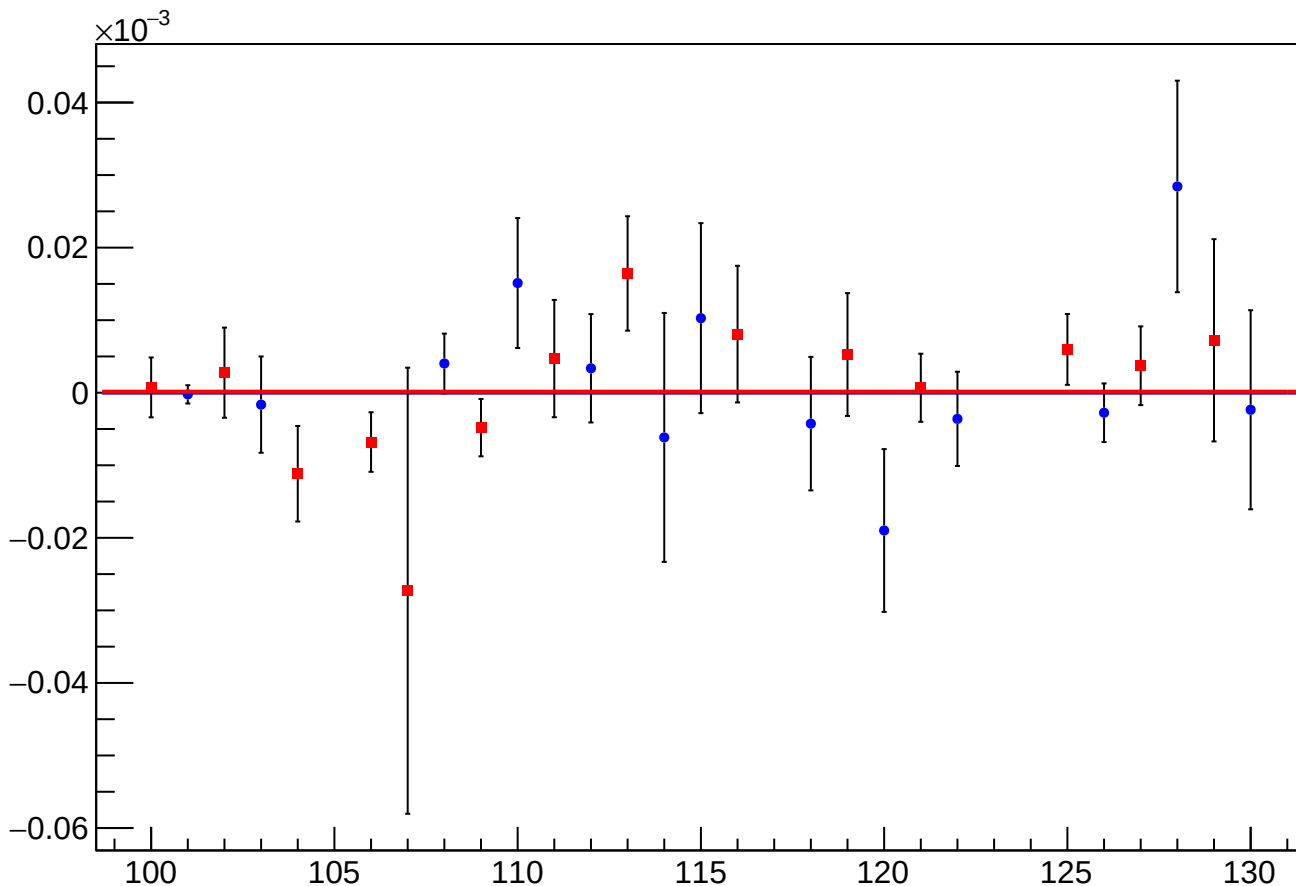
Right: 78.543+/-0.017 χ^2/NDF : 638474.8/26

In: 77.847+/-0.024 χ^2/NDF :349714.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 78.543+/-0.017 χ^2/NDF : 638474.8/26

asym_us_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

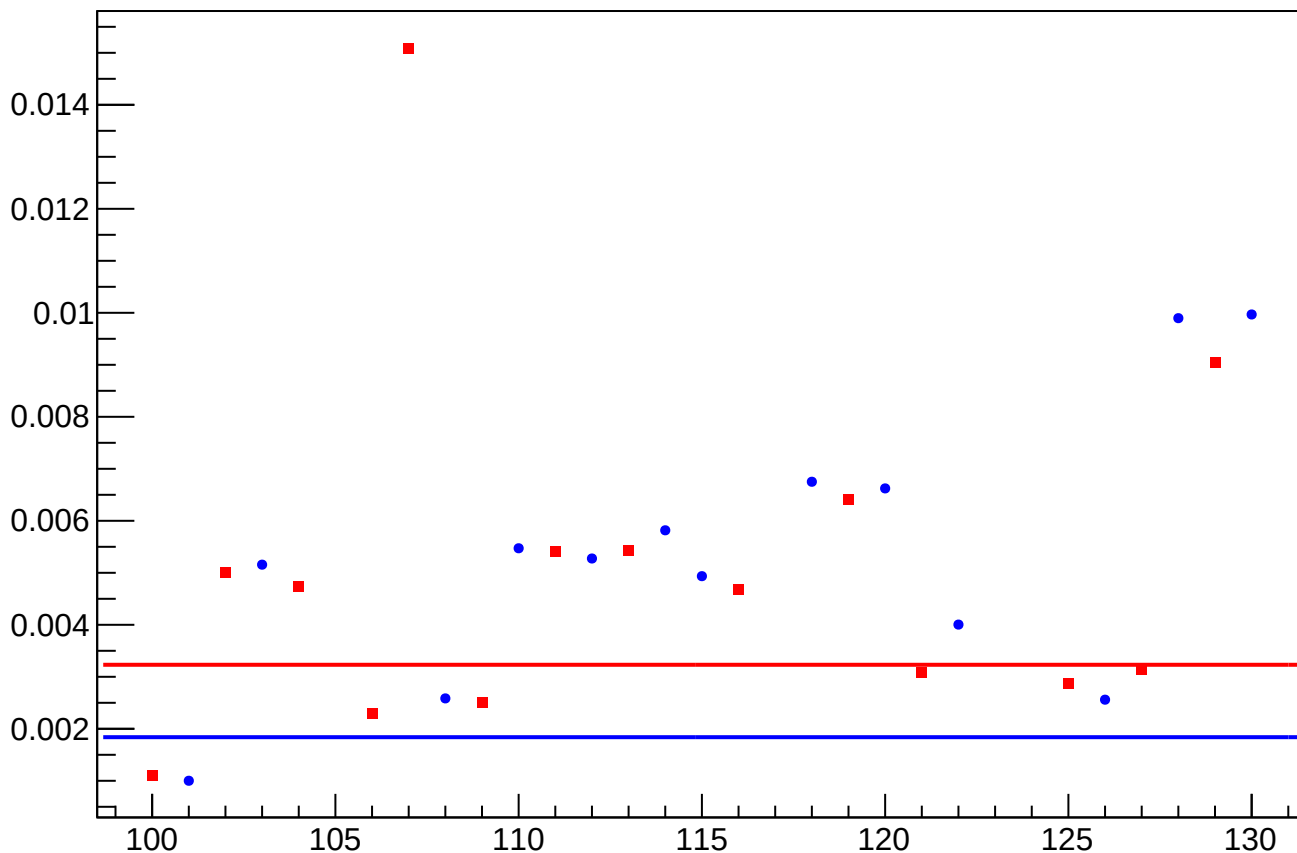
Right: 0.000+/-0.000 χ^2/NDF : 28.7/26

In: 0.000+/-0.000 χ^2/NDF : 12.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.7/26

asym_us_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000

χ^2/NDF : 4958995.1/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000

χ^2/NDF : 2254900.3/13

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.002+/-0.000

χ^2/NDF : 8303426.4/26

In: 0.002+/-0.000

χ^2/NDF : 4958995.1/12

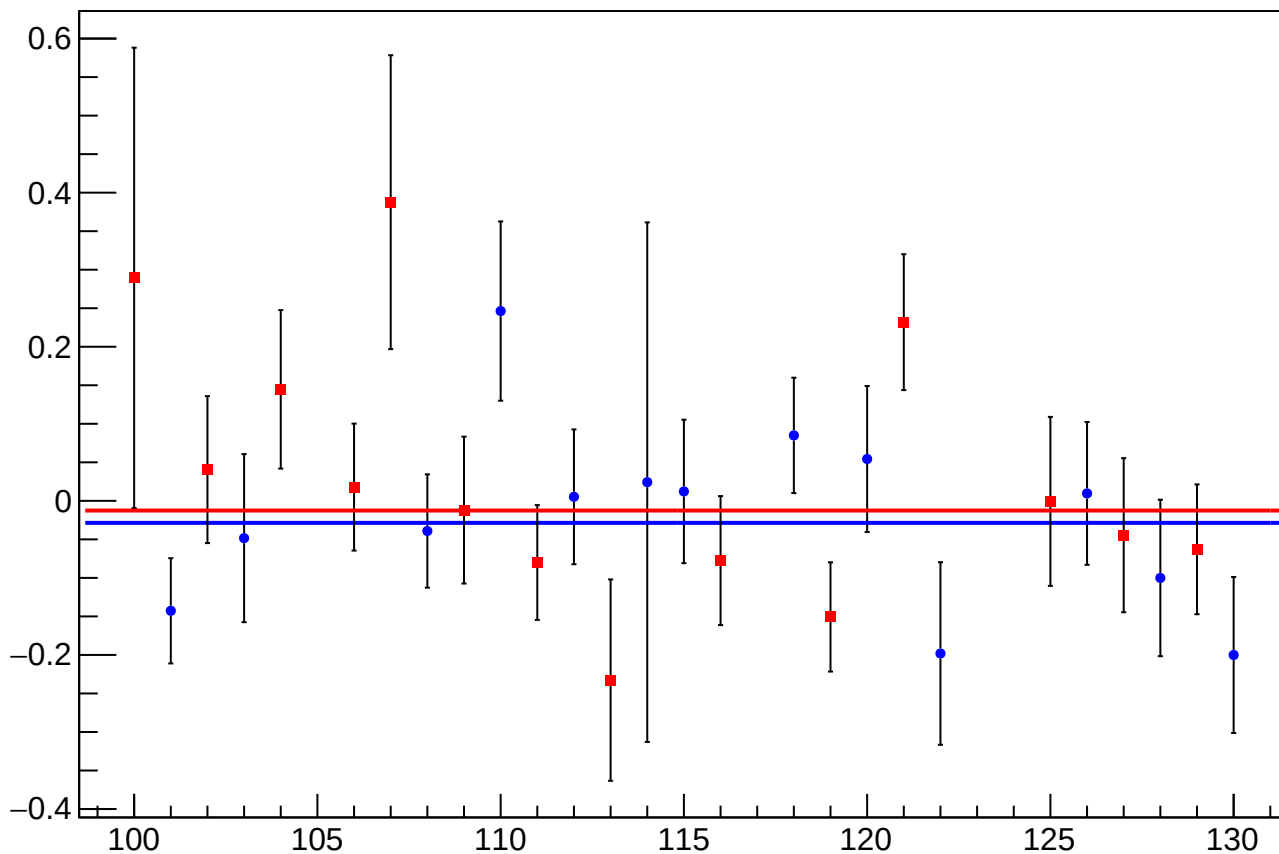
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.002+/-0.000

χ^2/NDF : 8303426.4/26

asym_us_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.013 ± 0.026 χ^2/NDF : 24.4/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

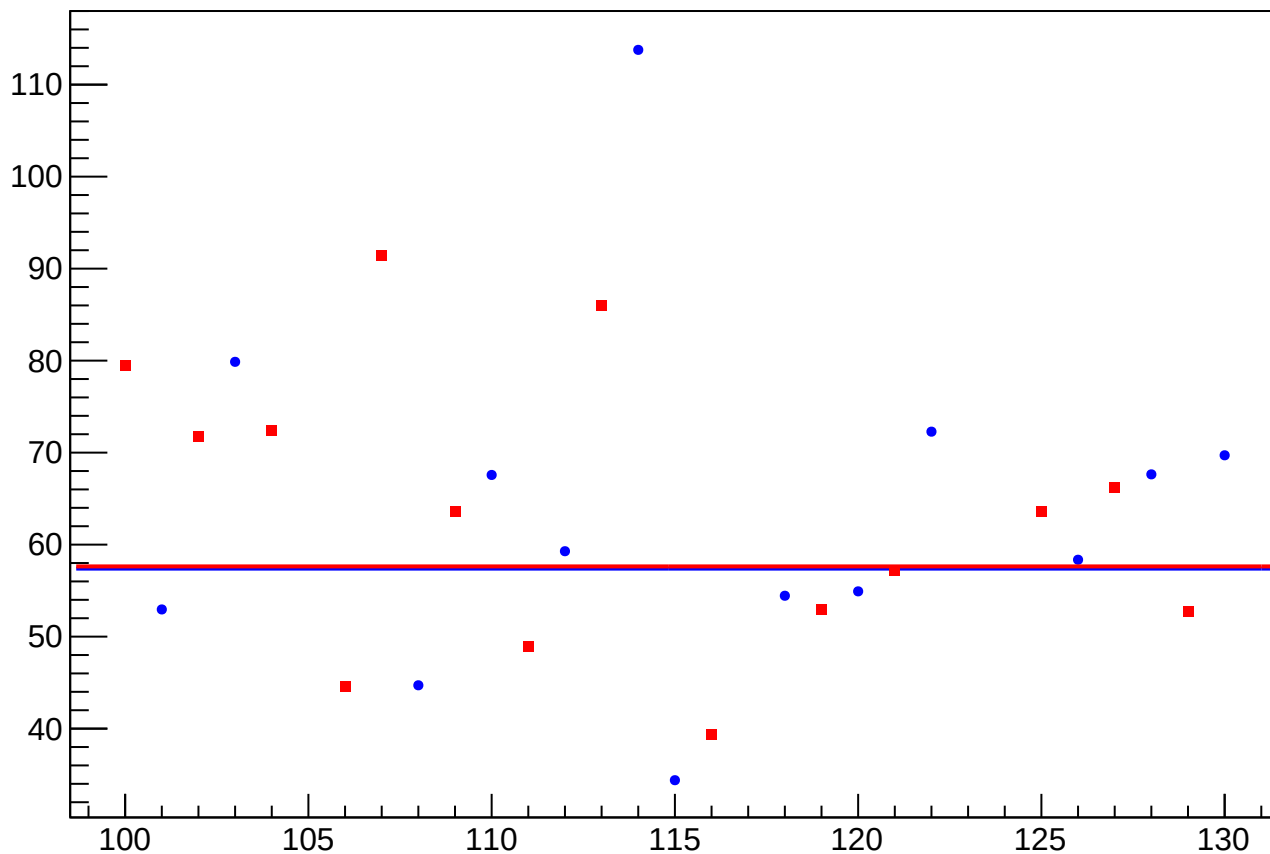
Right: -0.020 ± 0.018 χ^2/NDF : 42.1/26

In: -0.029 ± 0.026 χ^2/NDF : 17.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.020 ± 0.018 χ^2/NDF : 42.1/26

asym_us_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 57.632+/-0.018 χ^2/NDF : 468753.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

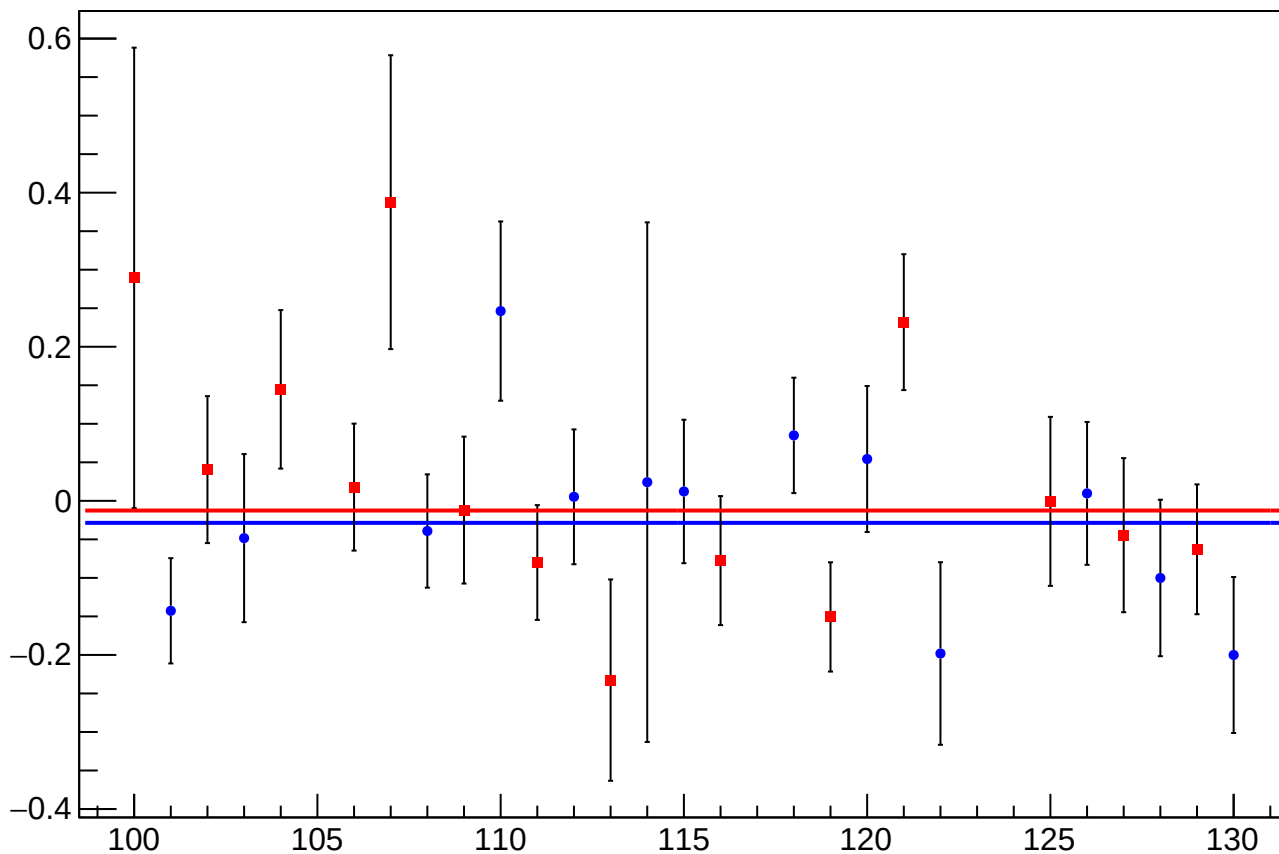
Right: 57.515+/-0.013 χ^2/NDF : 902079.2/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.515+/-0.013 χ^2/NDF : 902079.2/26

asym_us_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.013+/-0.026 χ^2/NDF : 24.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

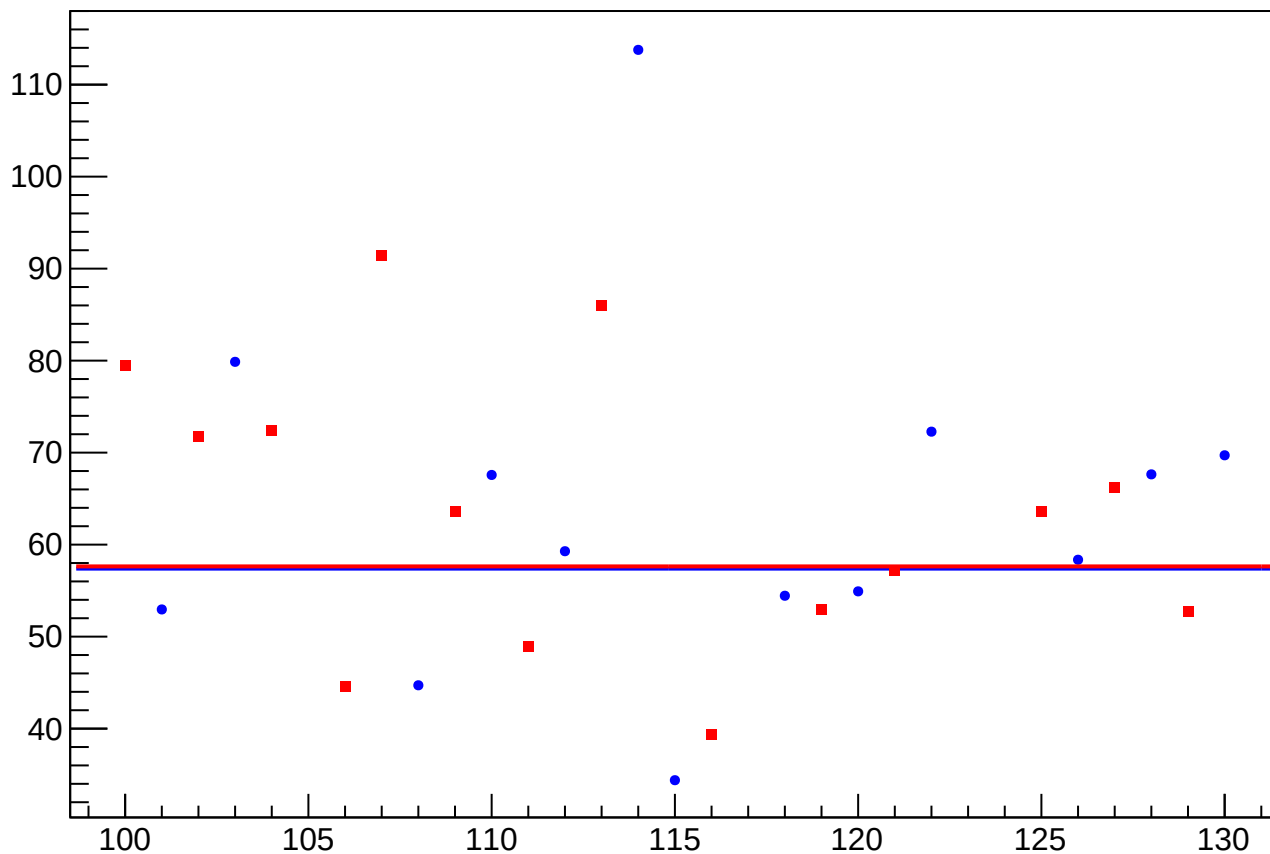
Right: -0.020+/-0.018 χ^2/NDF : 42.1/26

In: -0.029+/-0.026 χ^2/NDF : 17.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.020+/-0.018 χ^2/NDF : 42.1/26

asym_us_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 57.632+/-0.018 χ^2/NDF : 468753.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

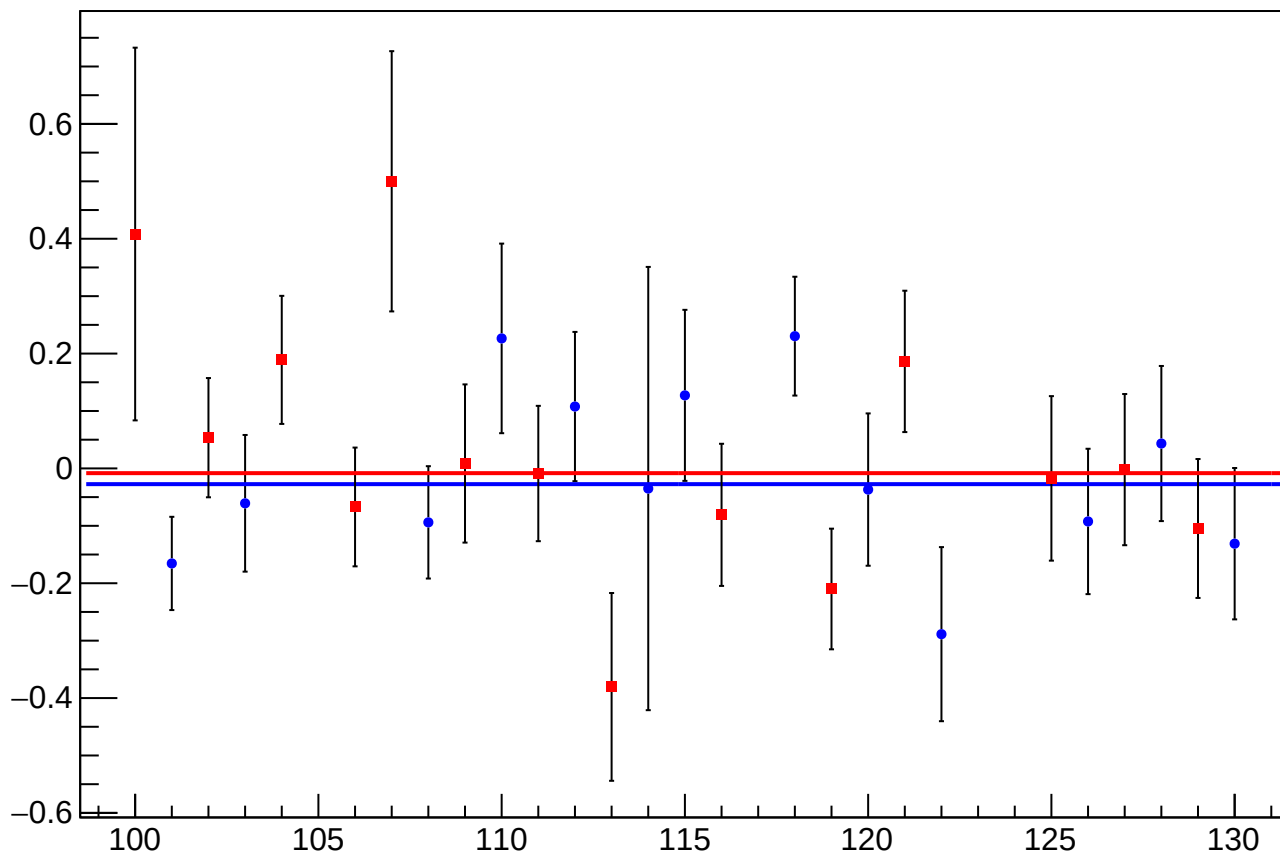
Right: 57.515+/-0.013 χ^2/NDF : 902079.2/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.515+/-0.013 χ^2/NDF : 902079.2/26

asym_us_avg_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.008+/-0.034 χ^2/NDF : 22.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

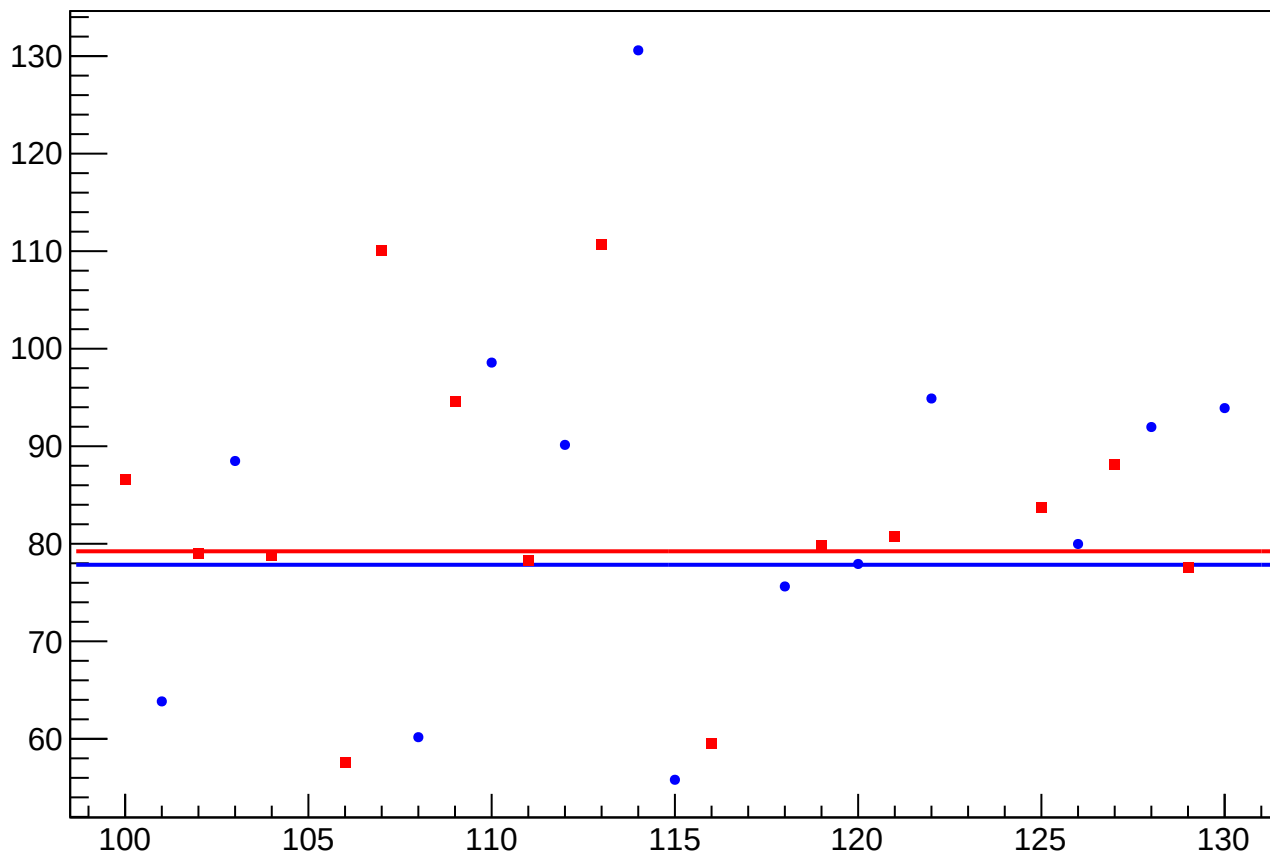
Right: -0.018+/-0.024 χ^2/NDF : 41.3/26

In: -0.027+/-0.034 χ^2/NDF : 18.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.018+/-0.024 χ^2/NDF : 41.3/26

asym_us_avg_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 77.846+/-0.024 χ^2/NDF : 349694.6/12

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

Right Out: 79.229+/-0.024 χ^2/NDF : 287130.5/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

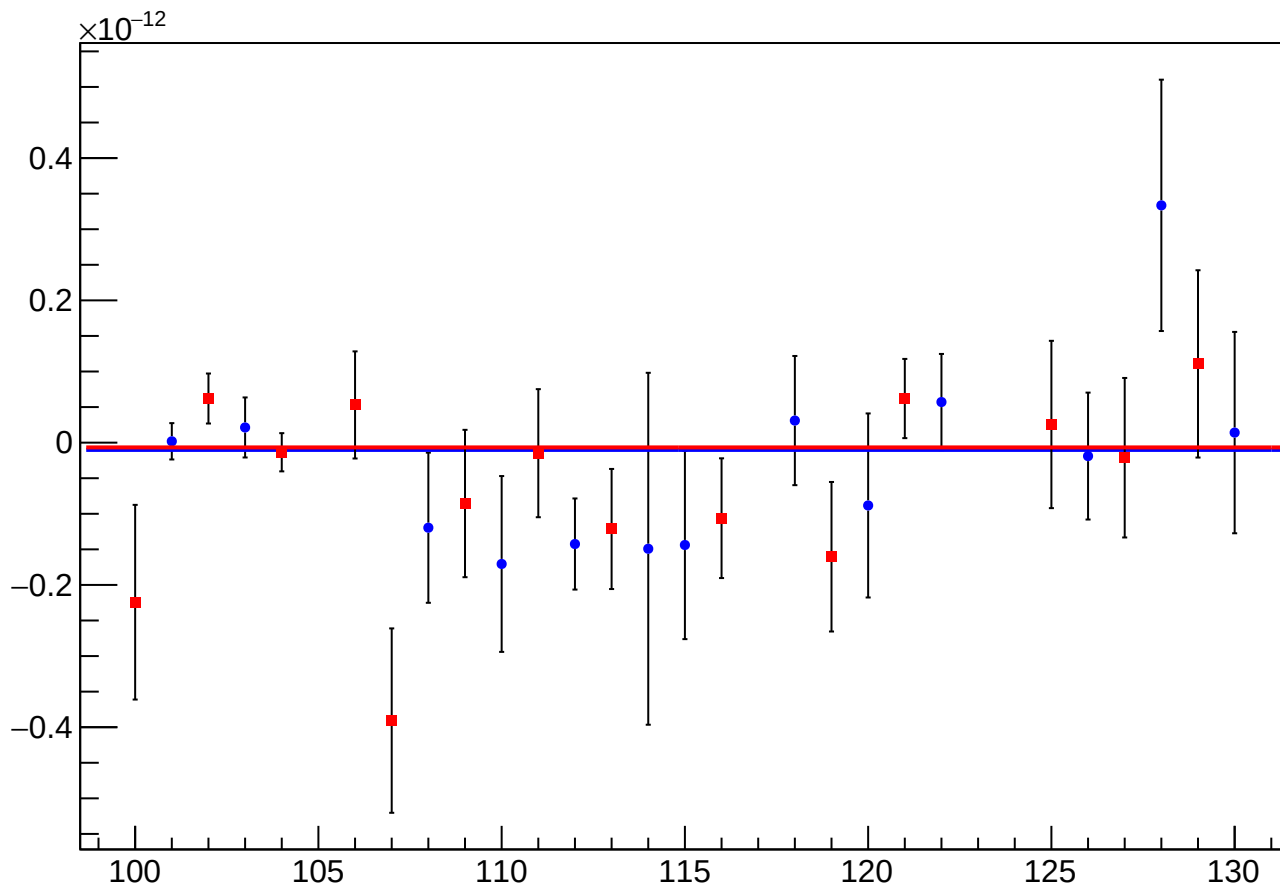
Right: 78.542+/-0.017 χ^2/NDF : 638447.1/26

In: 77.846+/-0.024 χ^2/NDF :349694.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 78.542+/-0.017 χ^2/NDF : 638447.1/26

asym_us_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.000+/-0.000 χ^2/NDF : 24.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

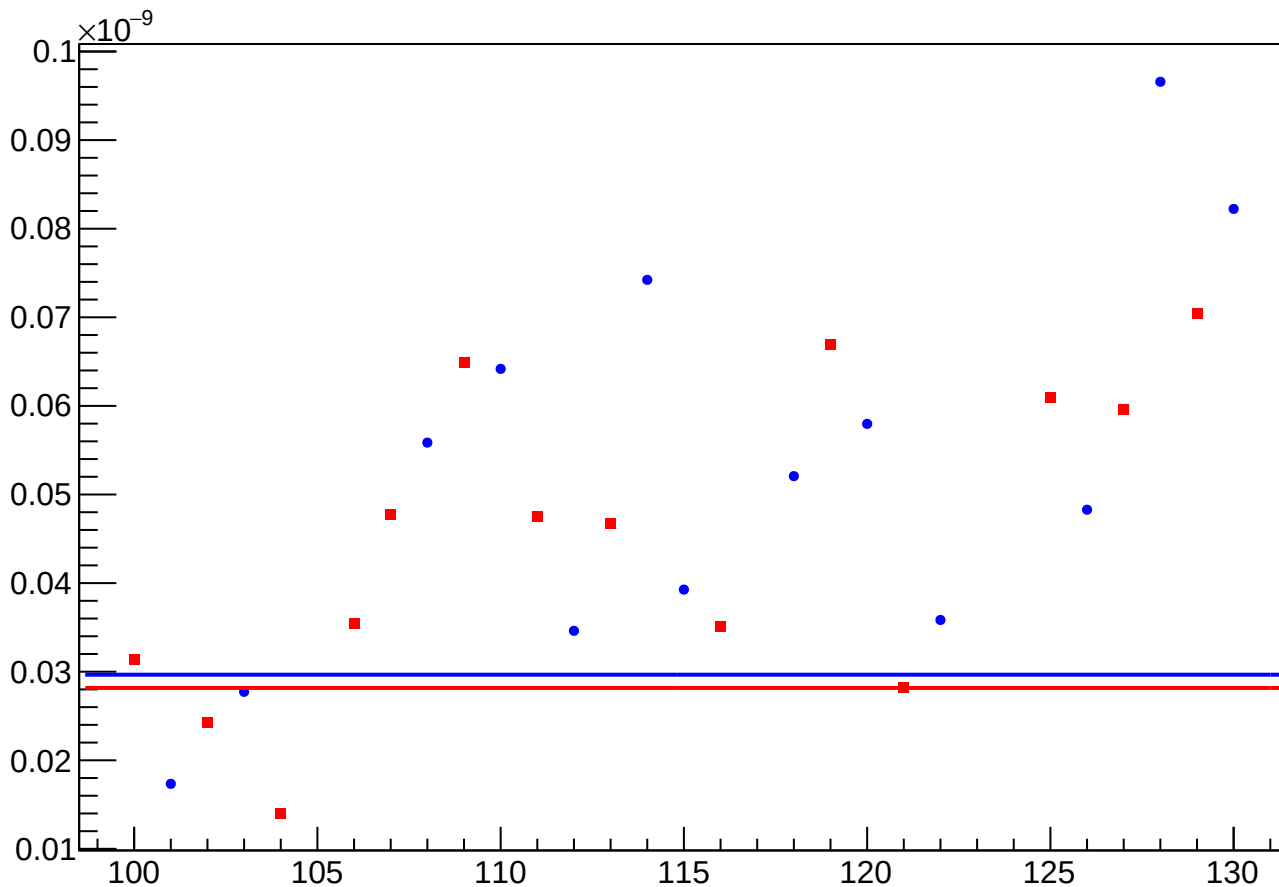
Right: -0.000+/-0.000 χ^2/NDF : 38.8/26

In: -0.000+/-0.000 χ^2/NDF : 14.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 38.8/26

asym_us_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1720314.4/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1893104.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

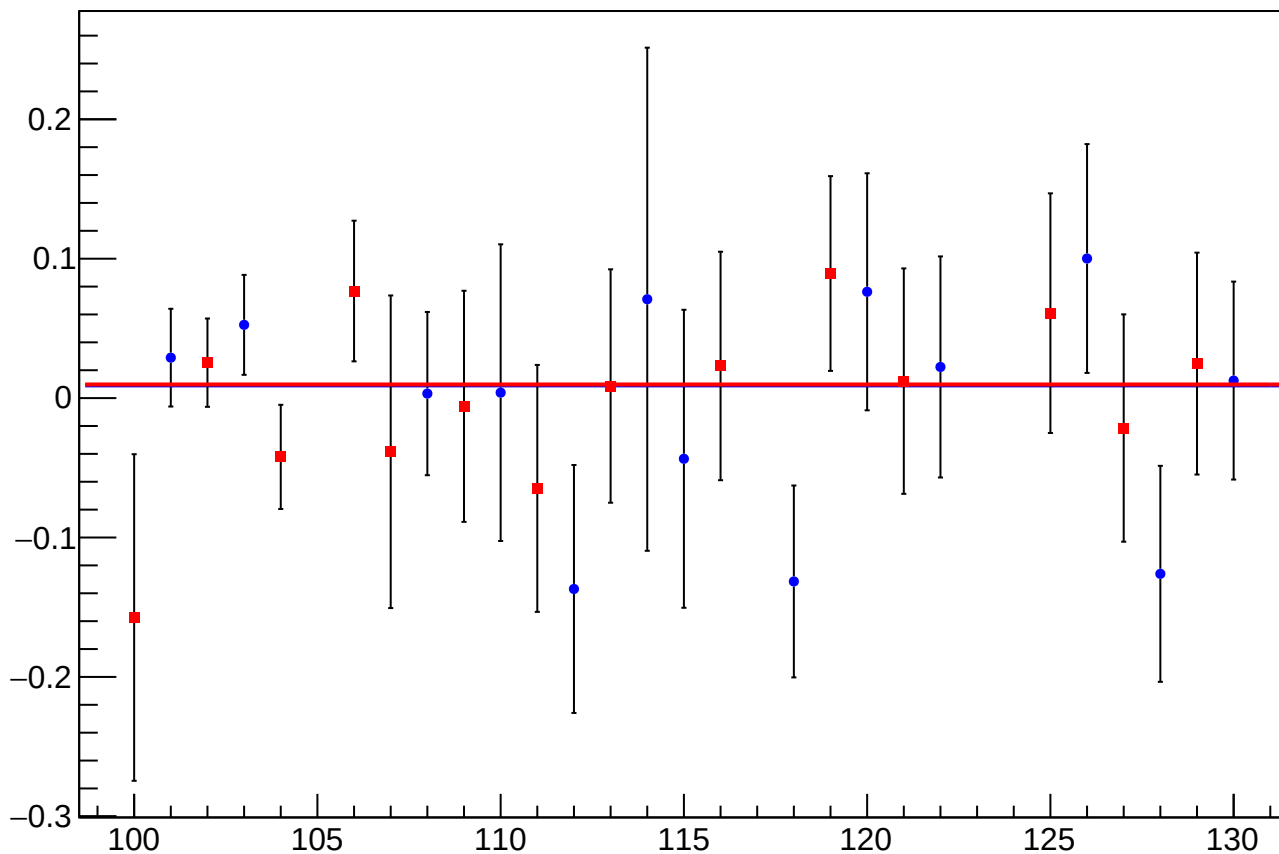
Right: 0.000+/-0.000 χ^2/NDF : 3620964.6/26

In: 0.000+/-0.000 χ^2/NDF : 1720314.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3620964.6/26

asym_us_avg_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.018 χ^2/NDF : 14.0/12

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

Right Out: 0.010+/-0.017 χ^2/NDF : 8.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

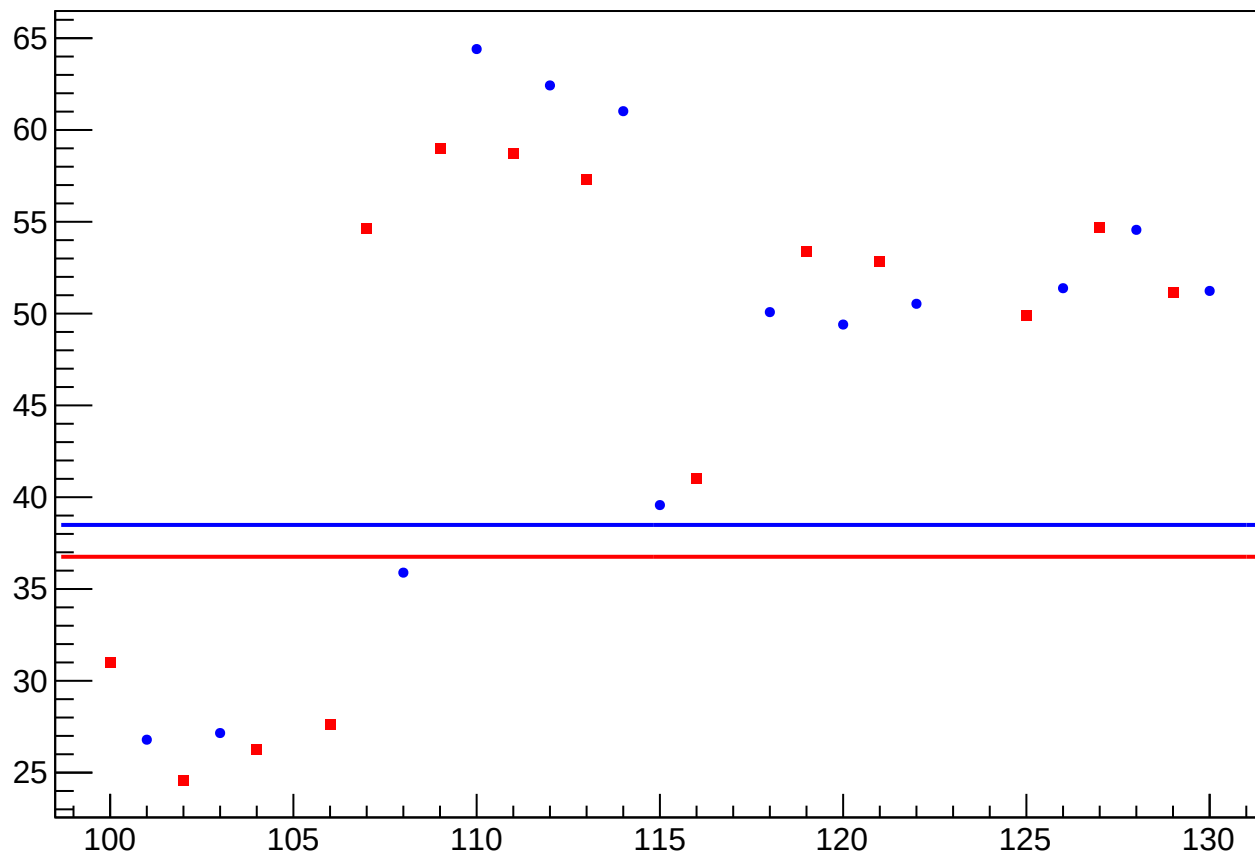
Right: 0.009+/-0.012 χ^2/NDF : 22.7/26

In: 0.009+/-0.018 χ^2/NDF : 14.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.012 χ^2/NDF : 22.7/26

asym_us_avg_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 36.756+/-0.012 χ^2/NDF : 1369191.4/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

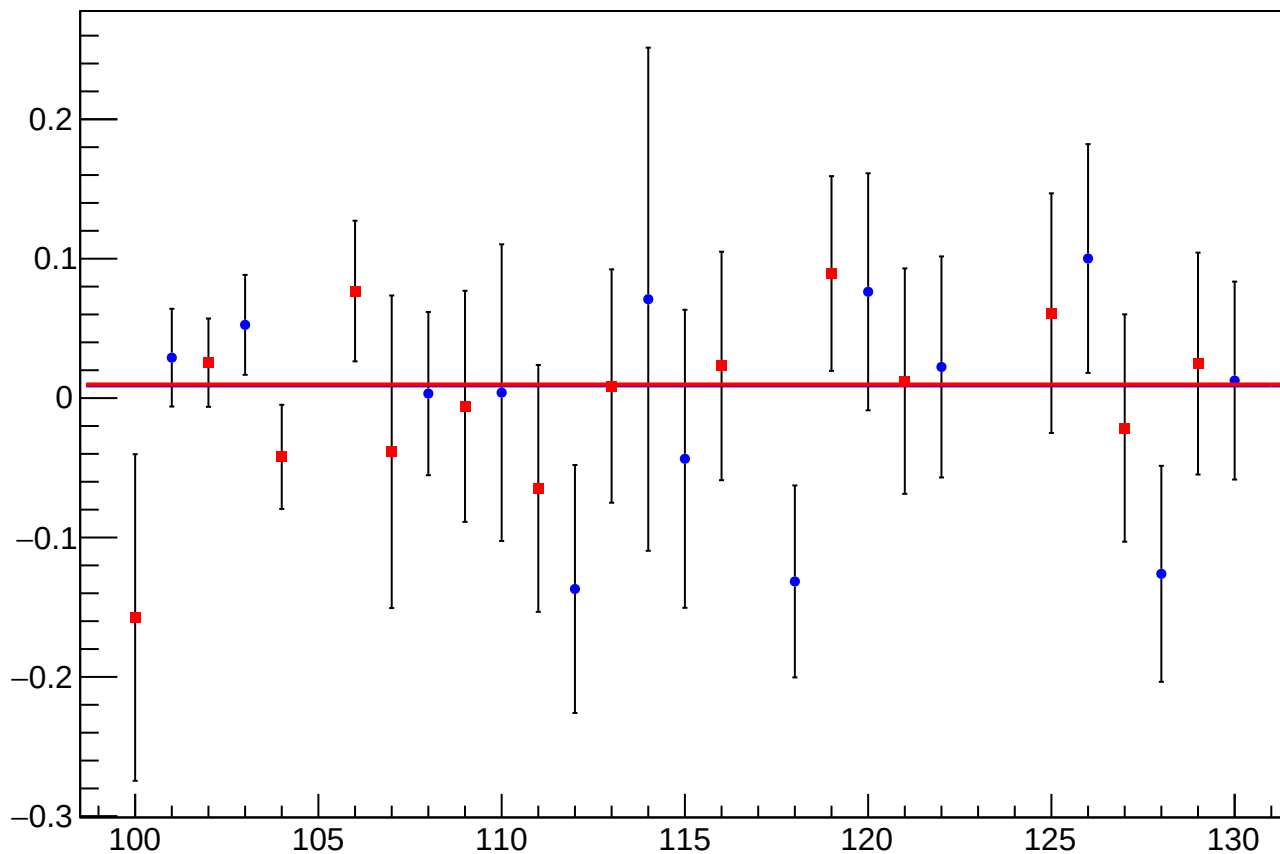
Right: 37.574+/-0.009 χ^2/NDF : 2436686.0/26

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 37.574+/-0.009 χ^2/NDF : 2436686.0/26

asym_us_avg_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.018 χ^2/NDF : 14.0/12

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

Right Out: 0.010+/-0.017 χ^2/NDF : 8.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

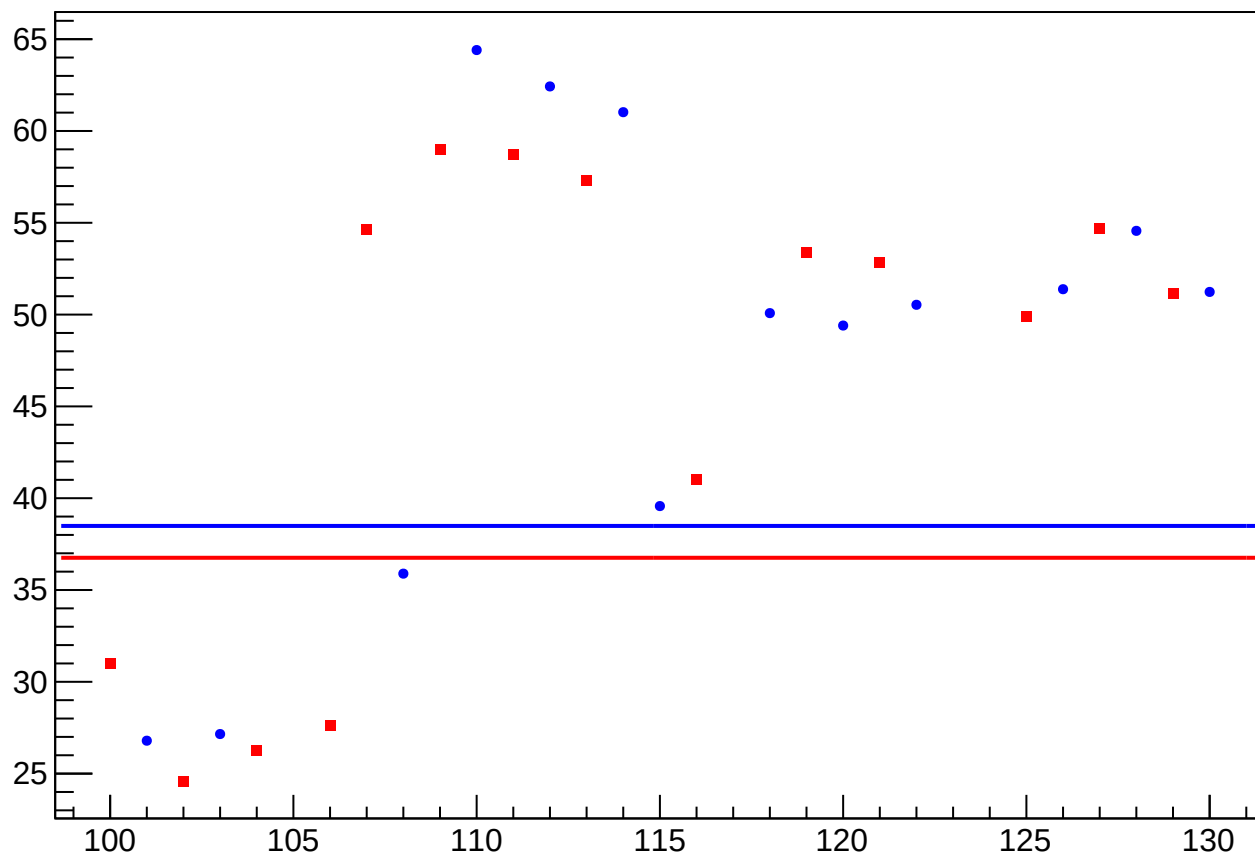
Right: 0.009+/-0.012 χ^2/NDF : 22.7/26

In: 0.009+/-0.018 χ^2/NDF : 14.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.012 χ^2/NDF : 22.7/26

asym_us_avg_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 36.756+/-0.012 χ^2/NDF : 1369191.4/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

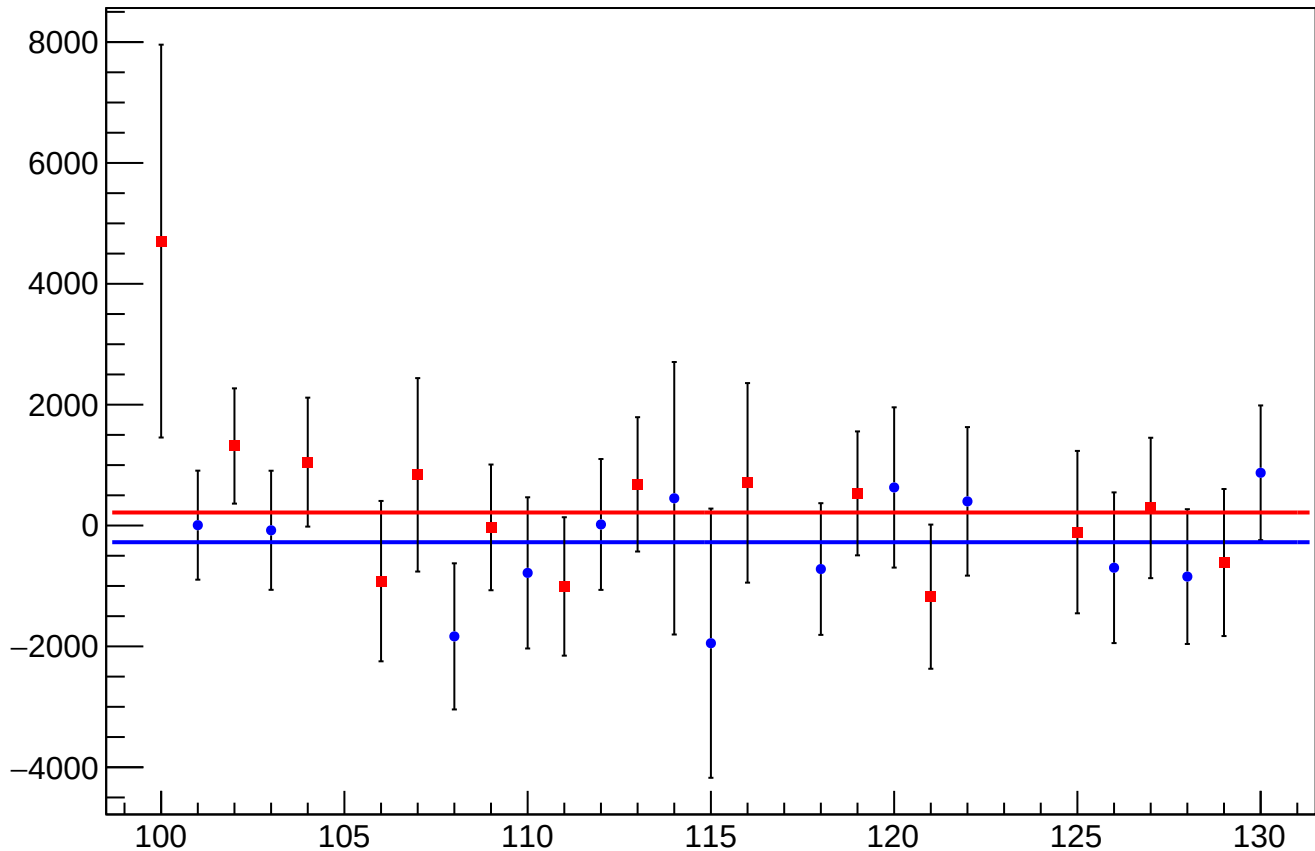
Right: 37.574+/-0.009 χ^2/NDF : 2436686.0/26

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 37.574+/-0.009 χ^2/NDF : 2436686.0/26

reg_asym_us_dd_mean vs Slug, Sign Corrected



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

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

Right Out: 215.687+/-324.148 χ^2/NDF : 8.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

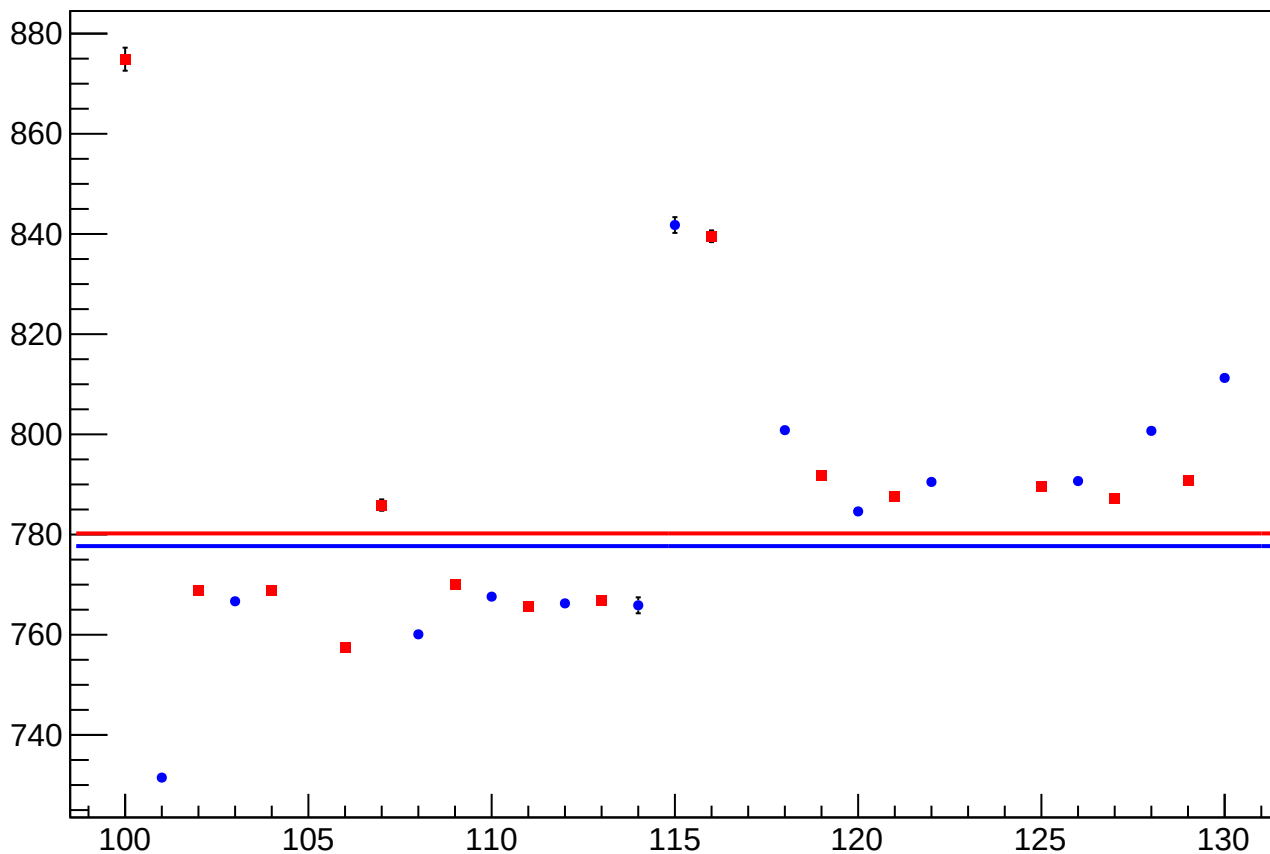
Right: -25.413+/-231.402 χ^2/NDF : 14.4/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.413+/-231.402 χ^2/NDF : 14.4/26

reg_asym_us_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 780.226 $\pm$ 0.229 χ^2 /NDF: 6857.5/13

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

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

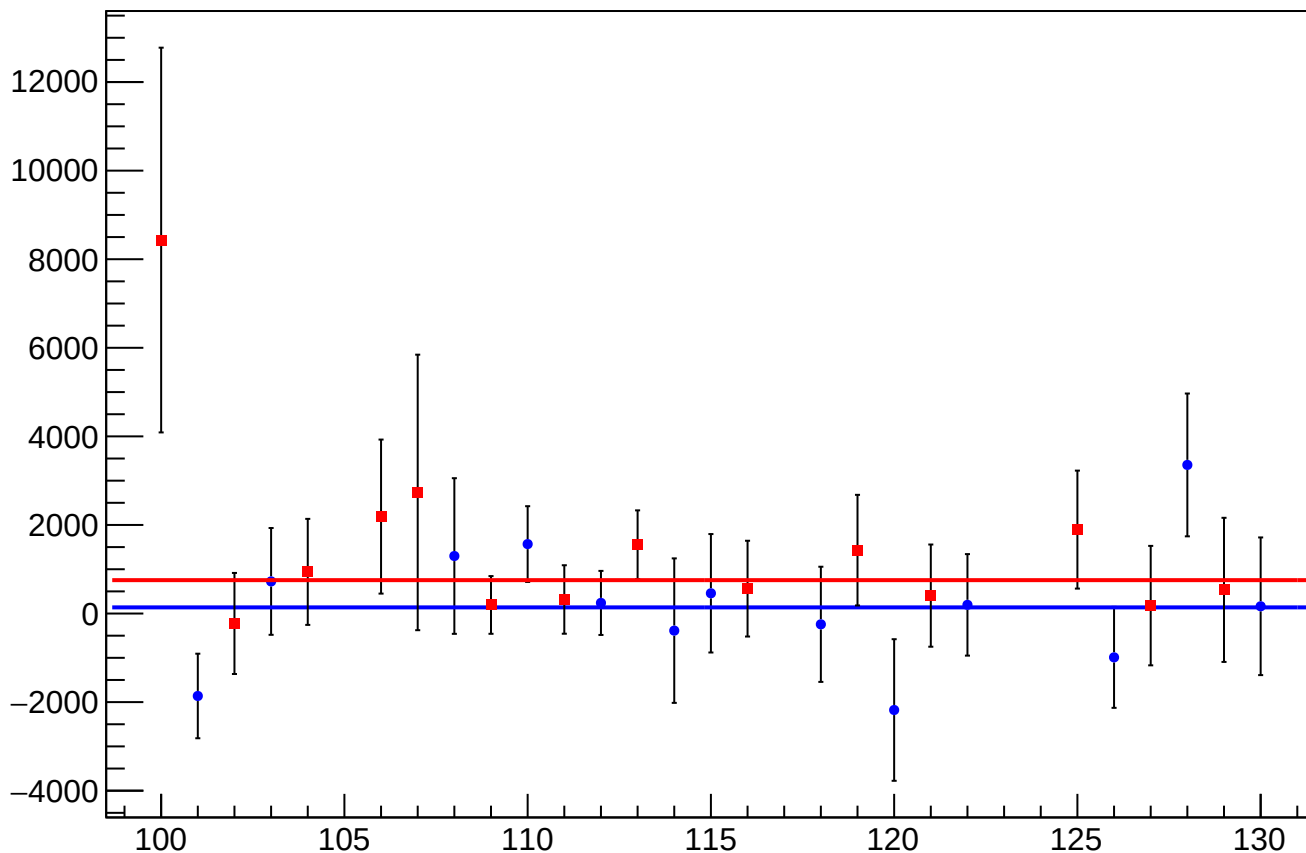
Right: 778.985 $\pm$ 0.164 χ^2 /NDF: 18960.3/26

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 778.985 $\pm$ 0.164 χ^2 /NDF: 18960.3/26

asym_us_dd_reg_correction_mean vs Slug, Sign Corrected



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

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

Right Out: 753.765+/-296.378 χ^2/NDF : 8.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

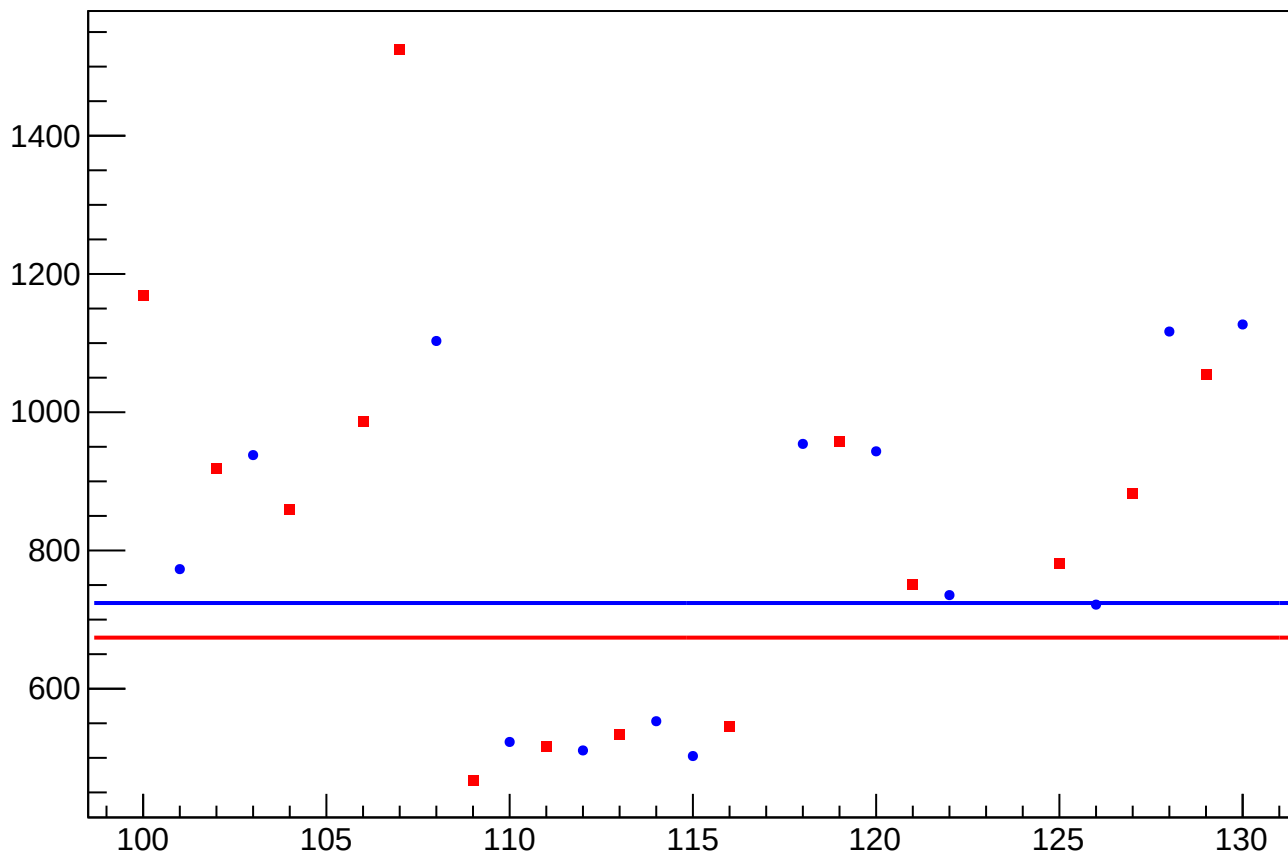
Right: 471.913+/-218.110 χ^2/NDF : 25.6/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 471.913+/-218.110 χ^2/NDF : 25.6/26

asym_us_dd_reg_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 673.937+/-0.210 χ^2/NDF : 1041423.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

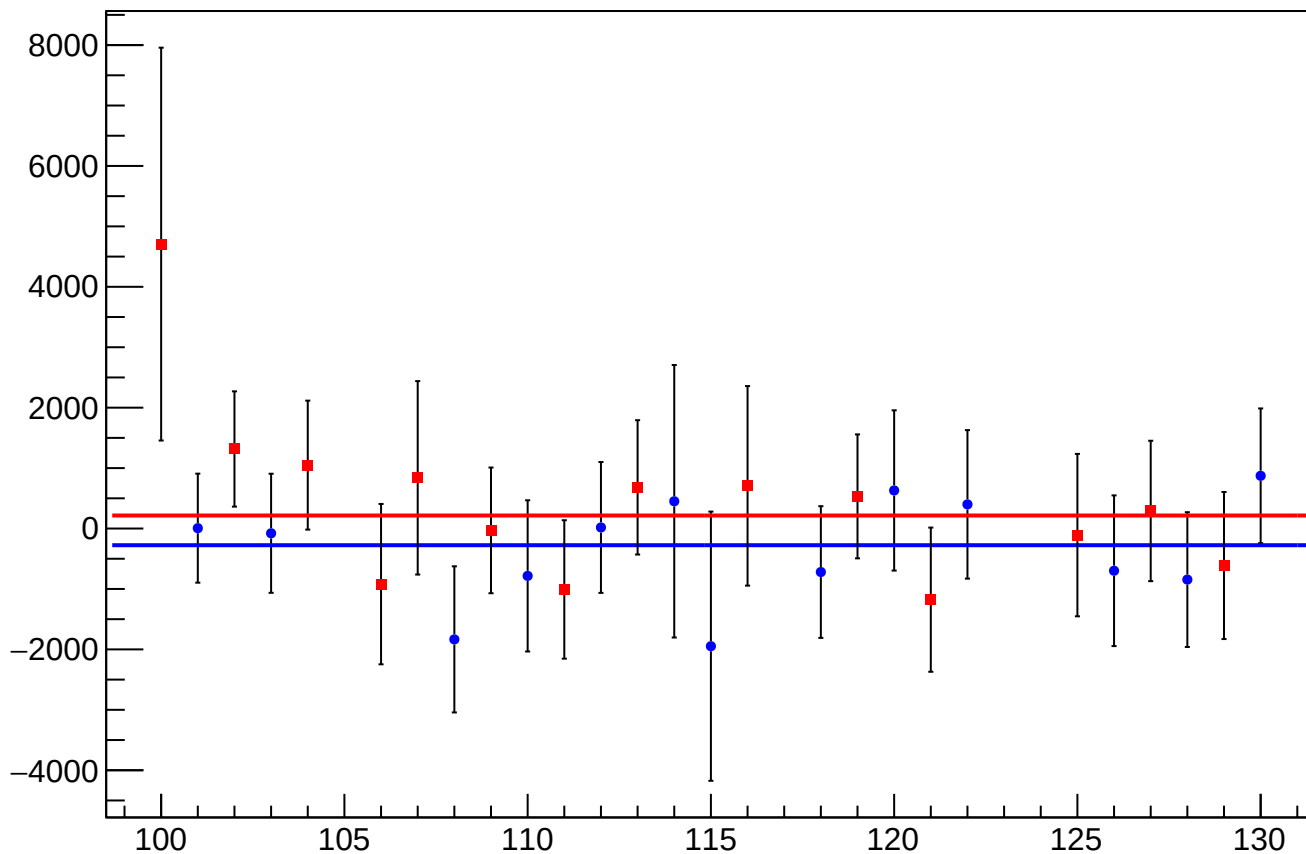
Right: 696.888+/-0.154 χ^2/NDF : 1943858.4/26

In: 724.003+/-0.228 χ^2/NDF : 876270.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 696.888+/-0.154 χ^2/NDF : 1943858.4/26

cor_asym_us_dd_mean vs Slug, Sign Corrected



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

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

Right Out: 215.687+/-324.148 χ^2/NDF : 8.2/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

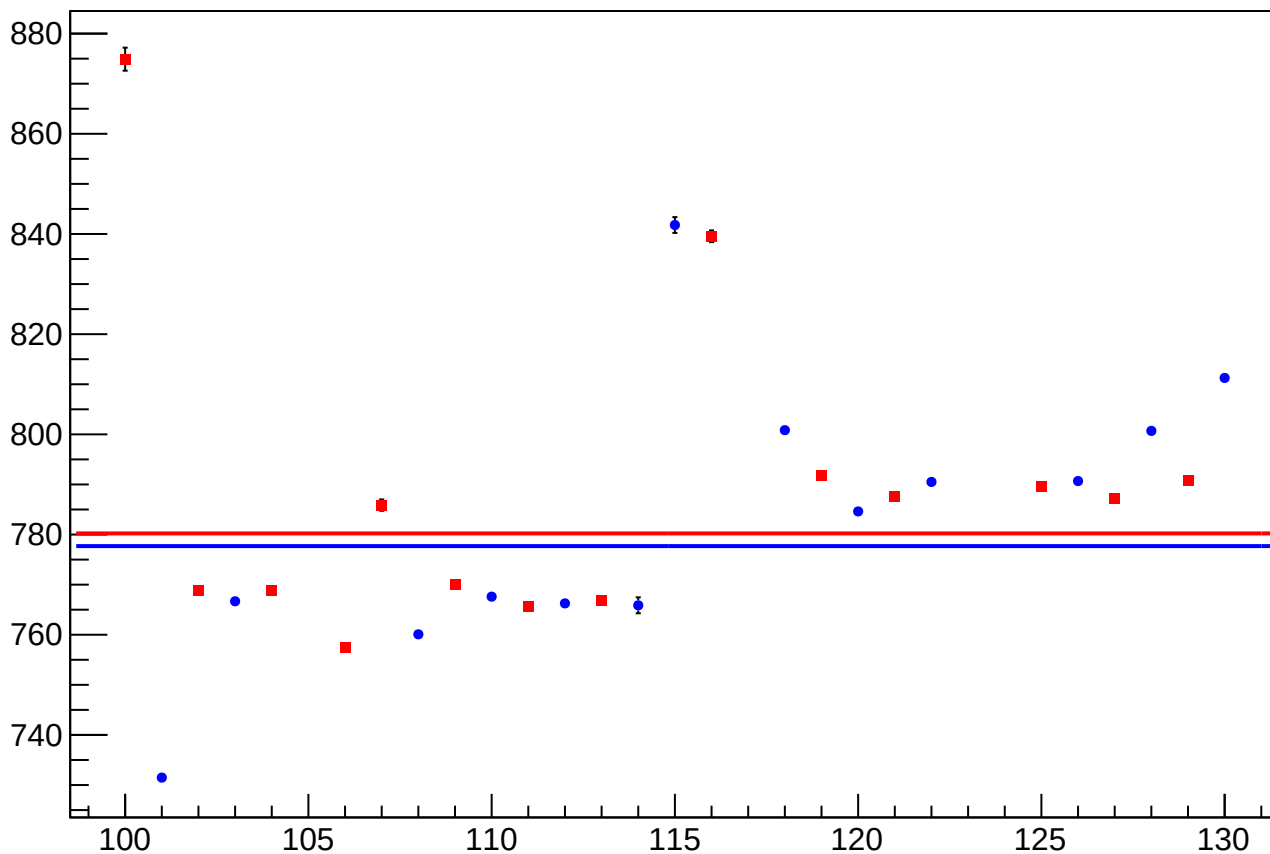
Right: -25.413+/-231.402 χ^2/NDF : 14.4/26

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -25.413+/-231.402 χ^2/NDF : 14.4/26

cor_asym_us_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 780.226+/-0.229 χ^2/NDF : 6857.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

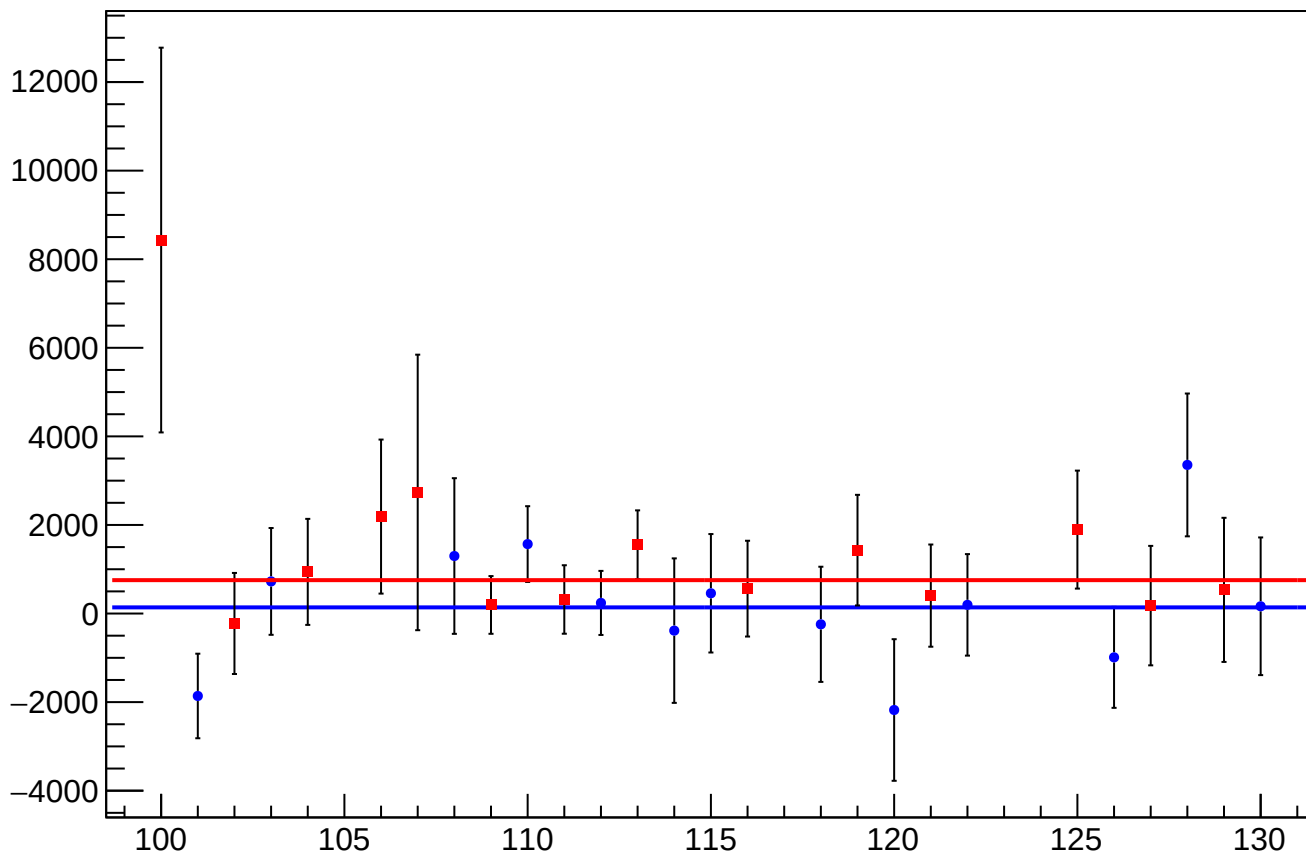
Right: 778.985+/-0.164 χ^2/NDF : 18960.3/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 778.985+/-0.164 χ^2/NDF : 18960.3/26

asym_us_dd_cor_correction_mean vs Slug, Sign Corrected



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

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

Right Out: 753.765+/-296.378 χ^2/NDF : 8.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

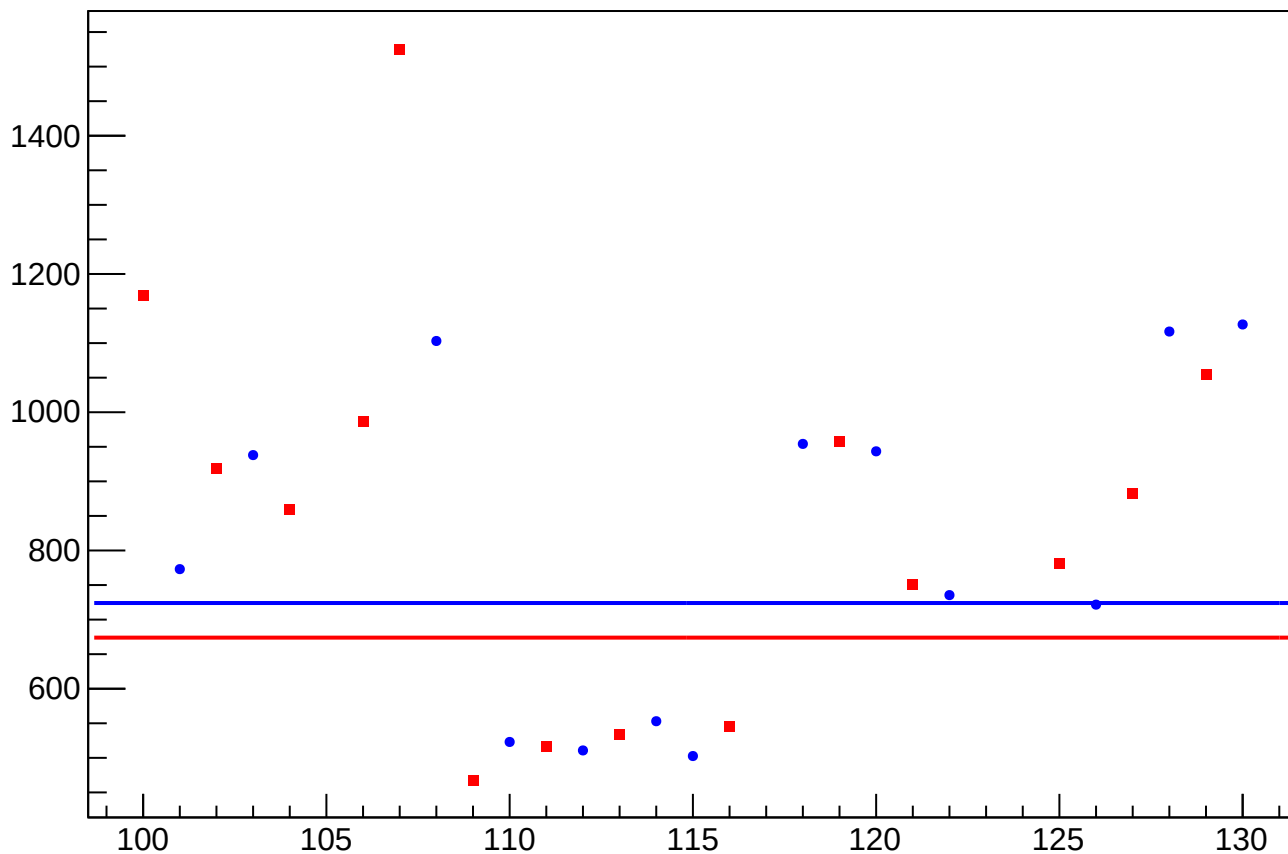
Right: 471.913+/-218.110 χ^2/NDF : 25.6/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 471.913+/-218.110 χ^2/NDF : 25.6/26

asym_us_dd_cor_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 673.937+/-0.210 χ^2/NDF : 1041423.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

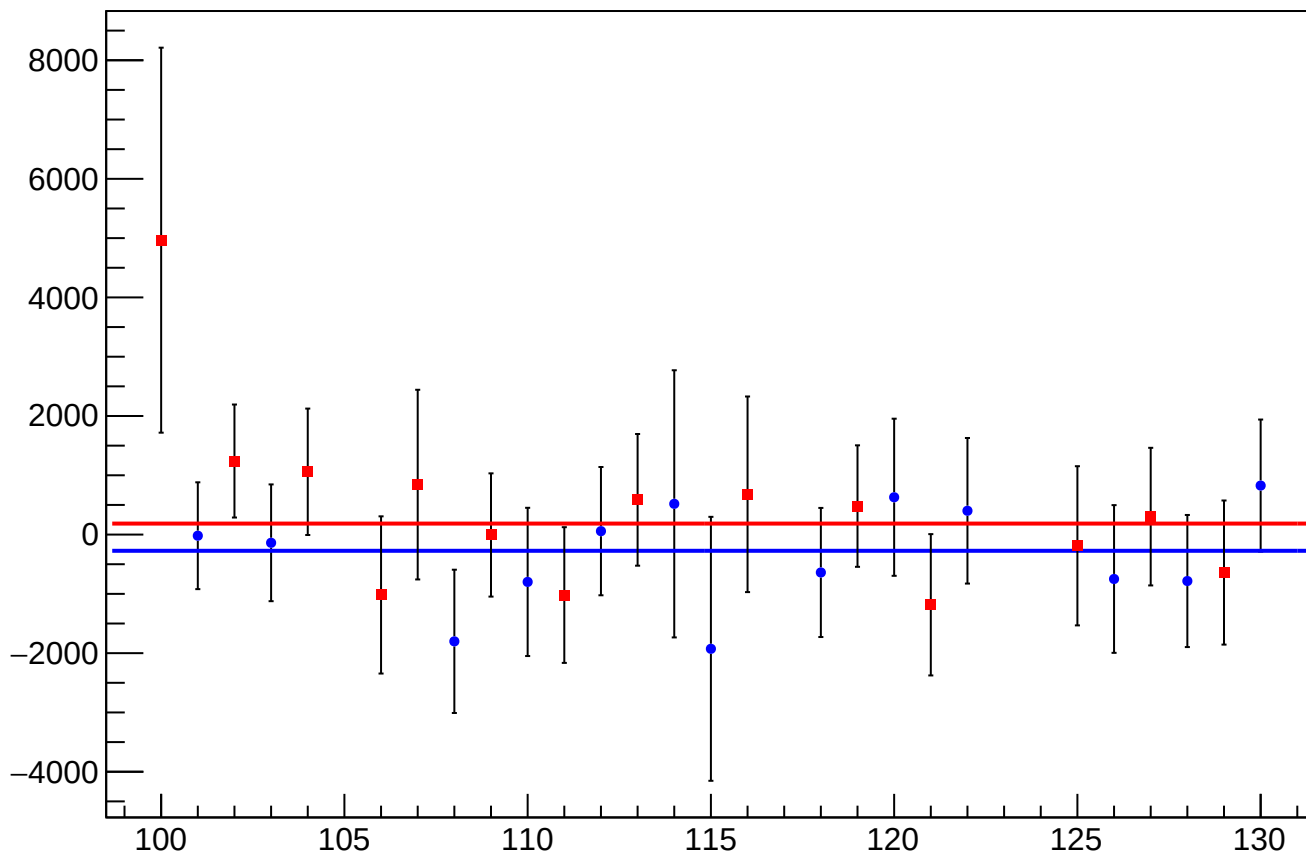
Right: 696.888+/-0.154 χ^2/NDF : 1943858.4/26

In: 724.003+/-0.228 χ^2/NDF : 876270.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 696.888+/-0.154 χ^2/NDF : 1943858.4/26

overload_cor_asym_us_dd_mean vs Slug, Sign Corrected



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

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

Right Out: 185.470+/-323.863 χ^2/NDF : 8.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

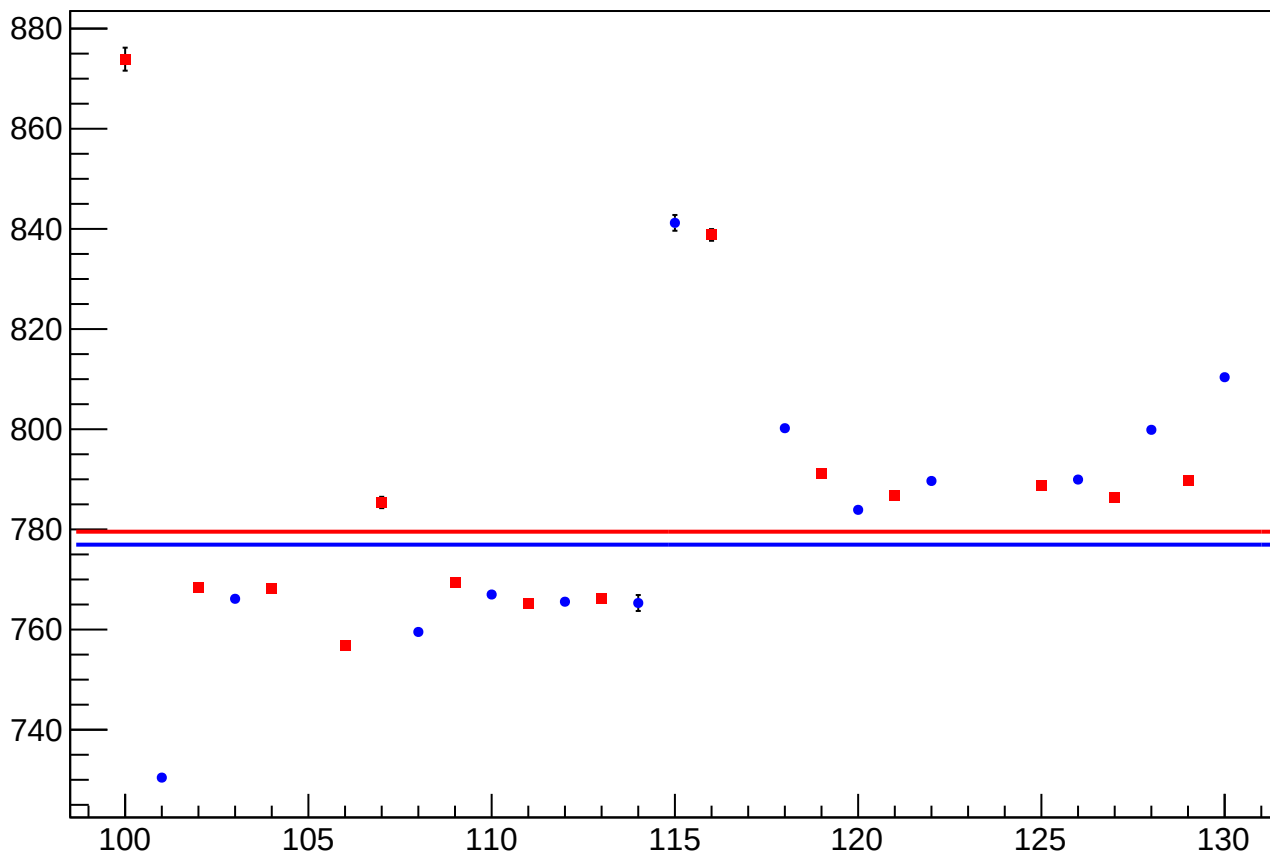
Right: -39.642+/-231.190 χ^2/NDF : 14.2/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.642+/-231.190 χ^2/NDF : 14.2/26

overload_cor_asym_us_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 779.542+/-0.229 χ^2/NDF : 6821.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

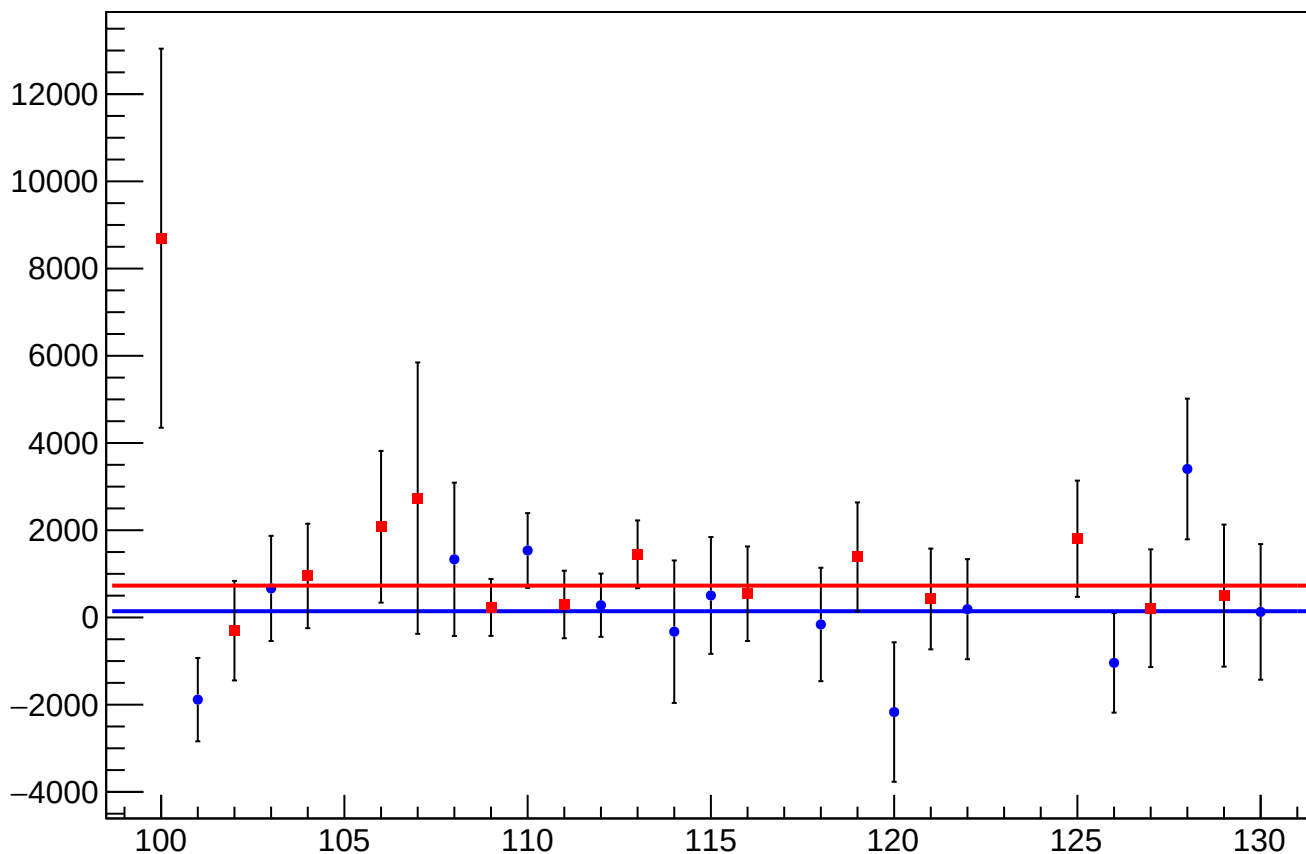
Right: 778.272+/-0.163 χ^2/NDF : 18993.9/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 778.272+/-0.163 χ^2/NDF : 18993.9/26

asym_us_dd_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 143.070+/-322.562 χ^2/NDF : 15.3/12

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

Right Out: 730.205+/-296.820 χ^2/NDF : 8.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

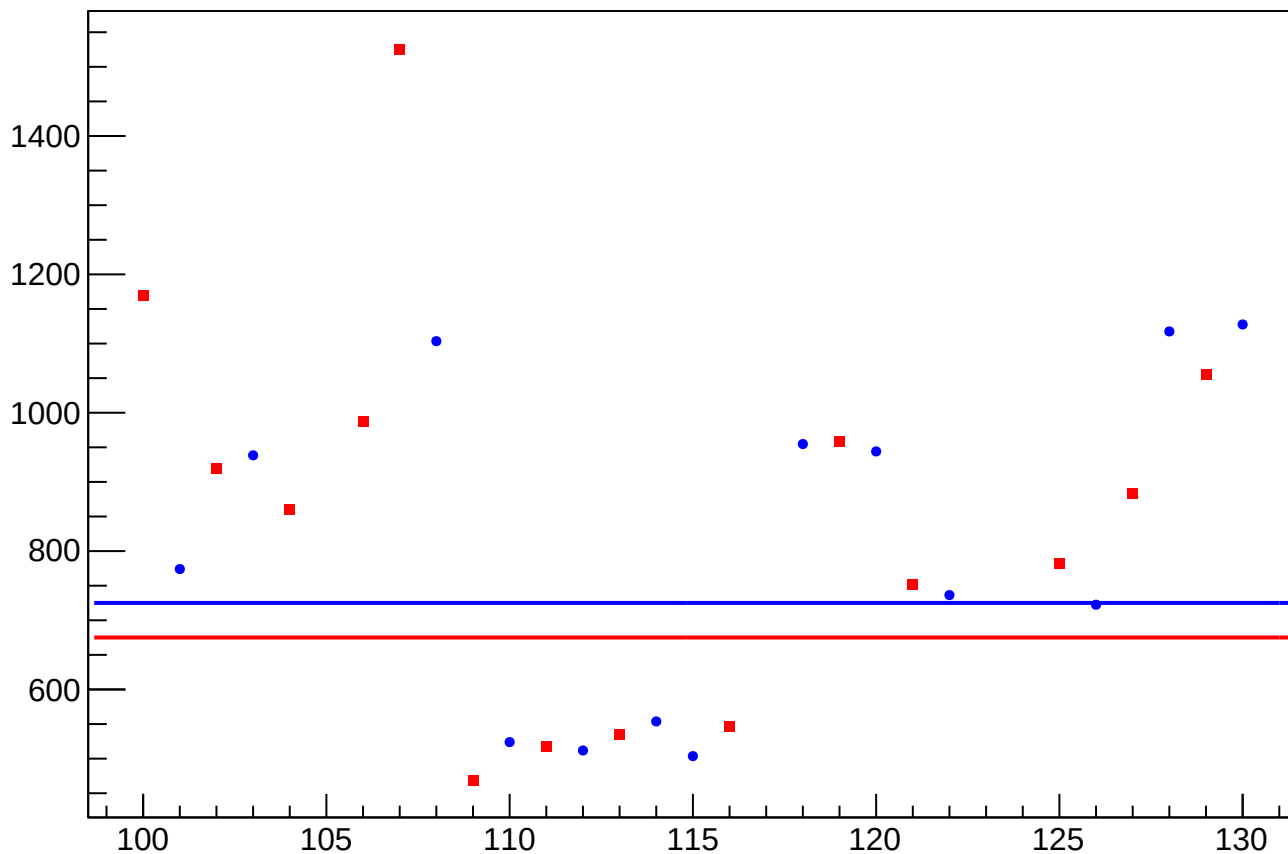
Right: 460.997+/-218.418 χ^2/NDF : 25.3/26

In: 143.070+/-322.562 χ^2/NDF : 15.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 460.997+/-218.418 χ^2/NDF : 25.3/26

asym_us_dd_overload_cor_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 675.102+/-0.210 χ^2/NDF : 1037223.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

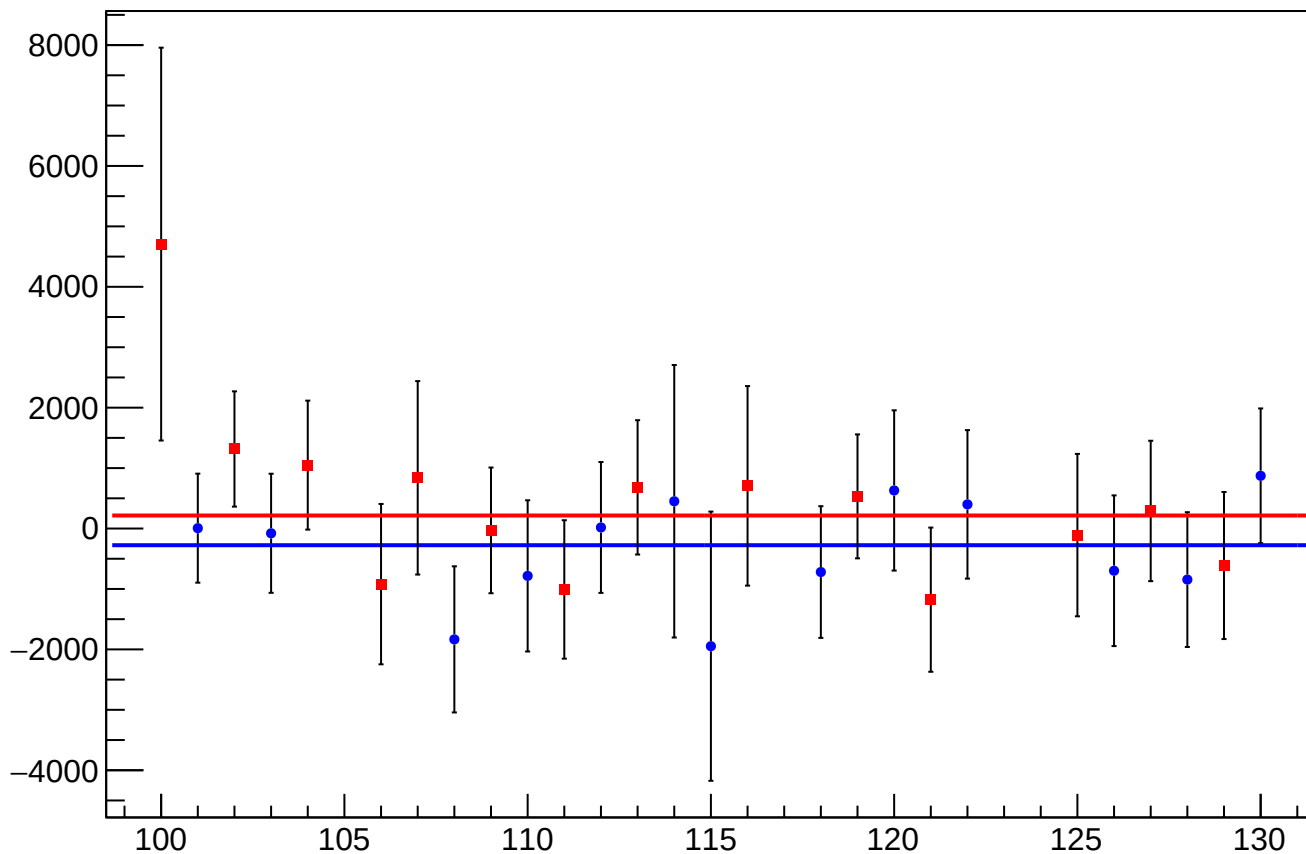
Right: 698.021+/-0.154 χ^2/NDF : 1936222.1/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 698.021+/-0.154 χ^2/NDF : 1936222.1/26

eigen_cor_asym_us_dd_mean vs Slug, Sign Corrected



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

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

Right Out: 215.687+/-324.148 χ^2/NDF : 8.2/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

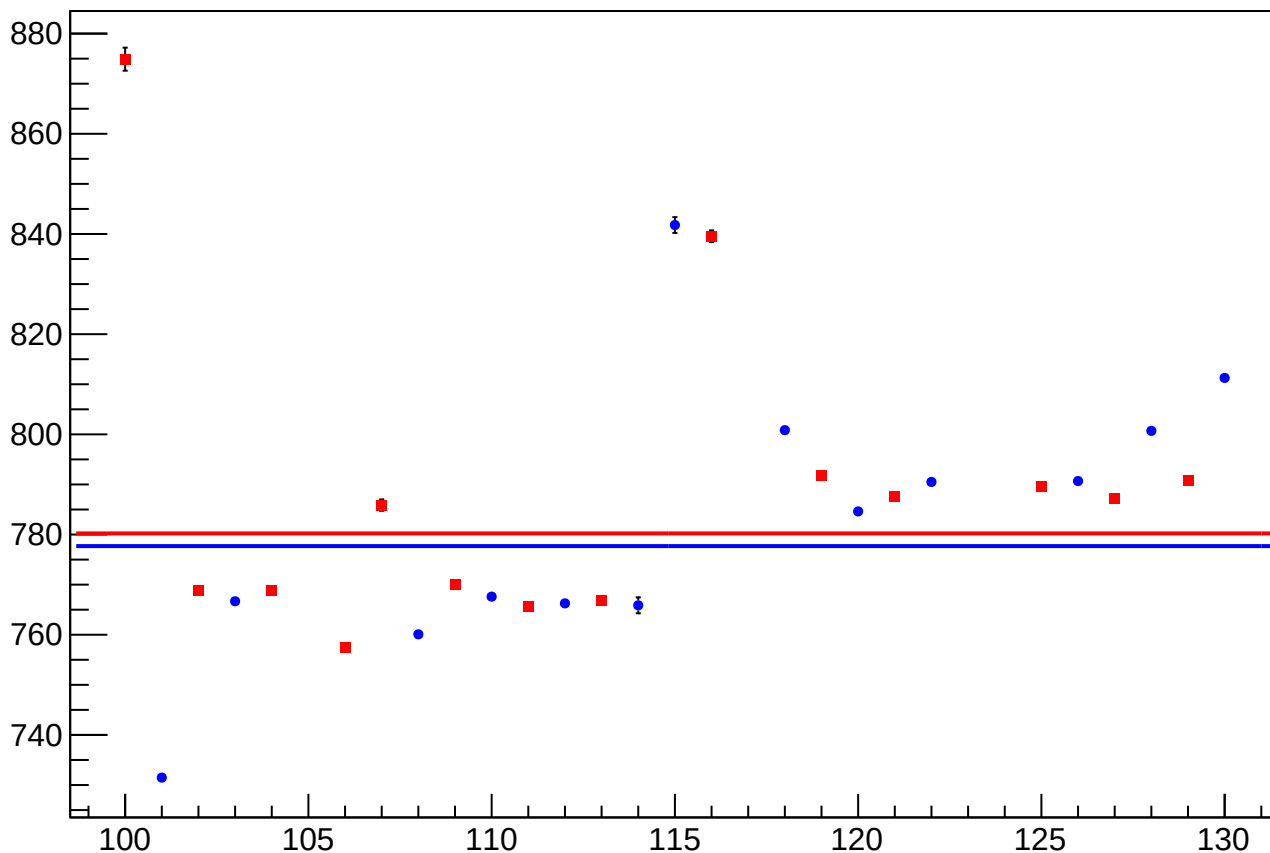
Right: -25.413+/-231.402 χ^2/NDF : 14.4/26

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -25.413+/-231.402 χ^2/NDF : 14.4/26

eigen_cor_asym_us_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 780.226 $\pm$ 0.229 χ^2 /NDF: 6857.5/13

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

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

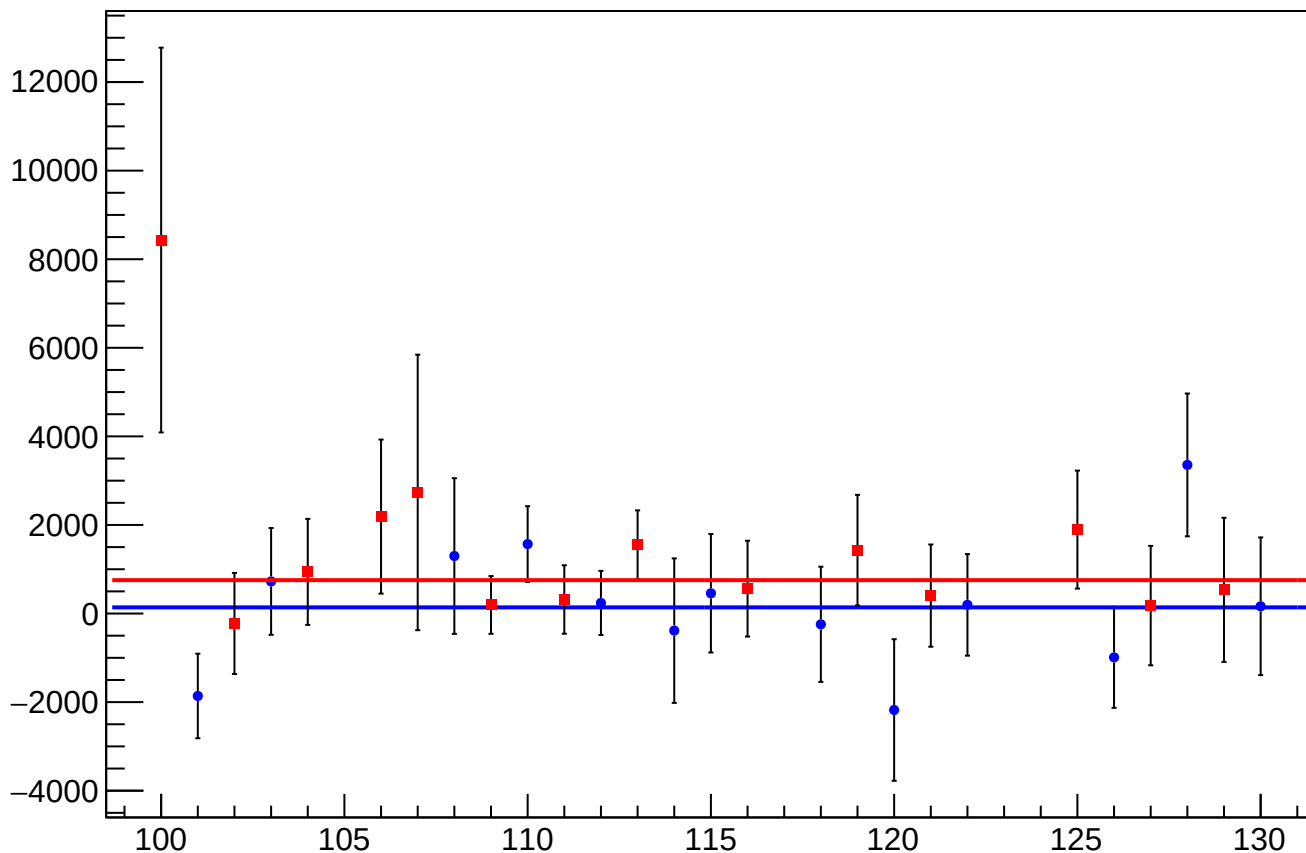
Right: 778.985 $\pm$ 0.164 χ^2 /NDF: 18960.3/26

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 778.985 $\pm$ 0.164 χ^2 /NDF: 18960.3/26

asym_us_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



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

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

Right Out: 753.765+/-296.378 χ^2/NDF : 8.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

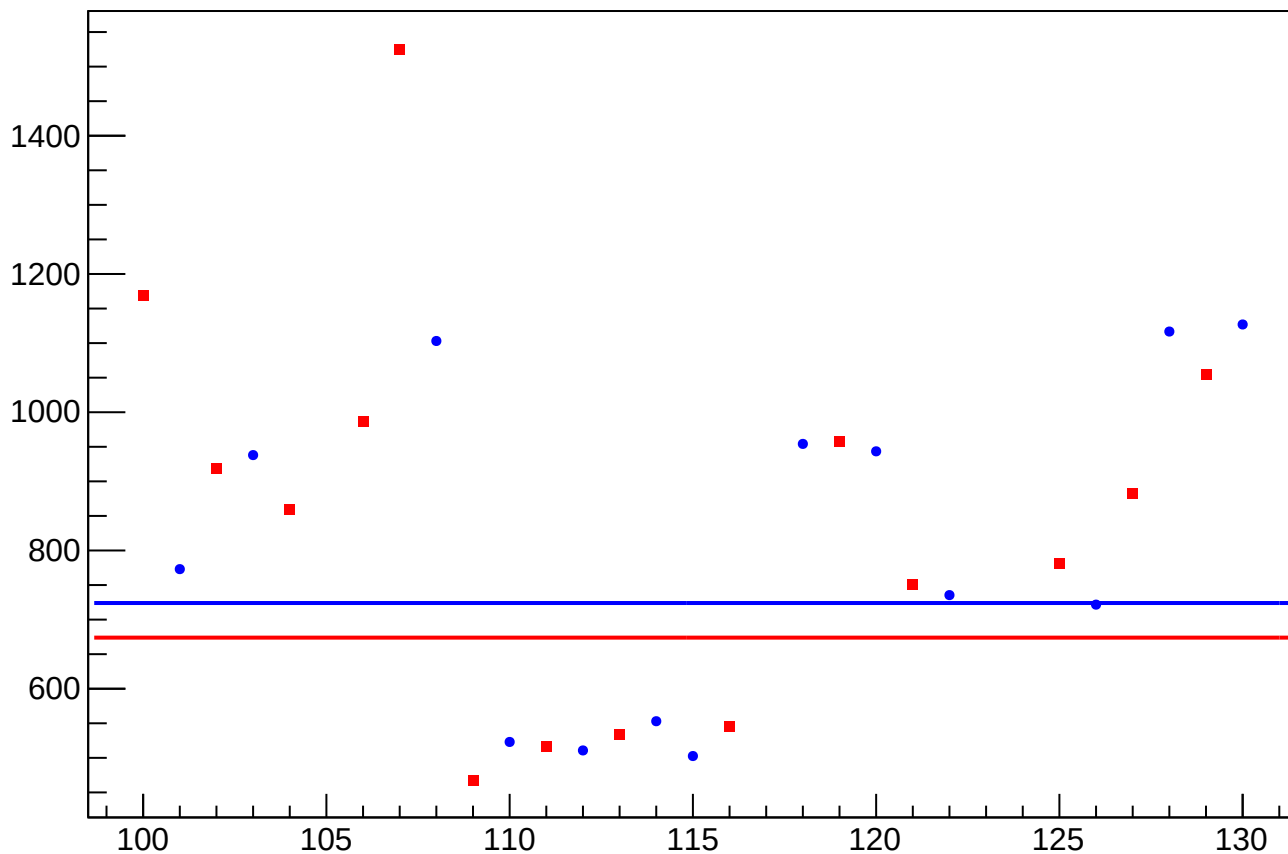
Right: 471.913+/-218.110 χ^2/NDF : 25.6/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 471.913+/-218.110 χ^2/NDF : 25.6/26

asym_us_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 673.937+/-0.210 χ^2/NDF : 1041423.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

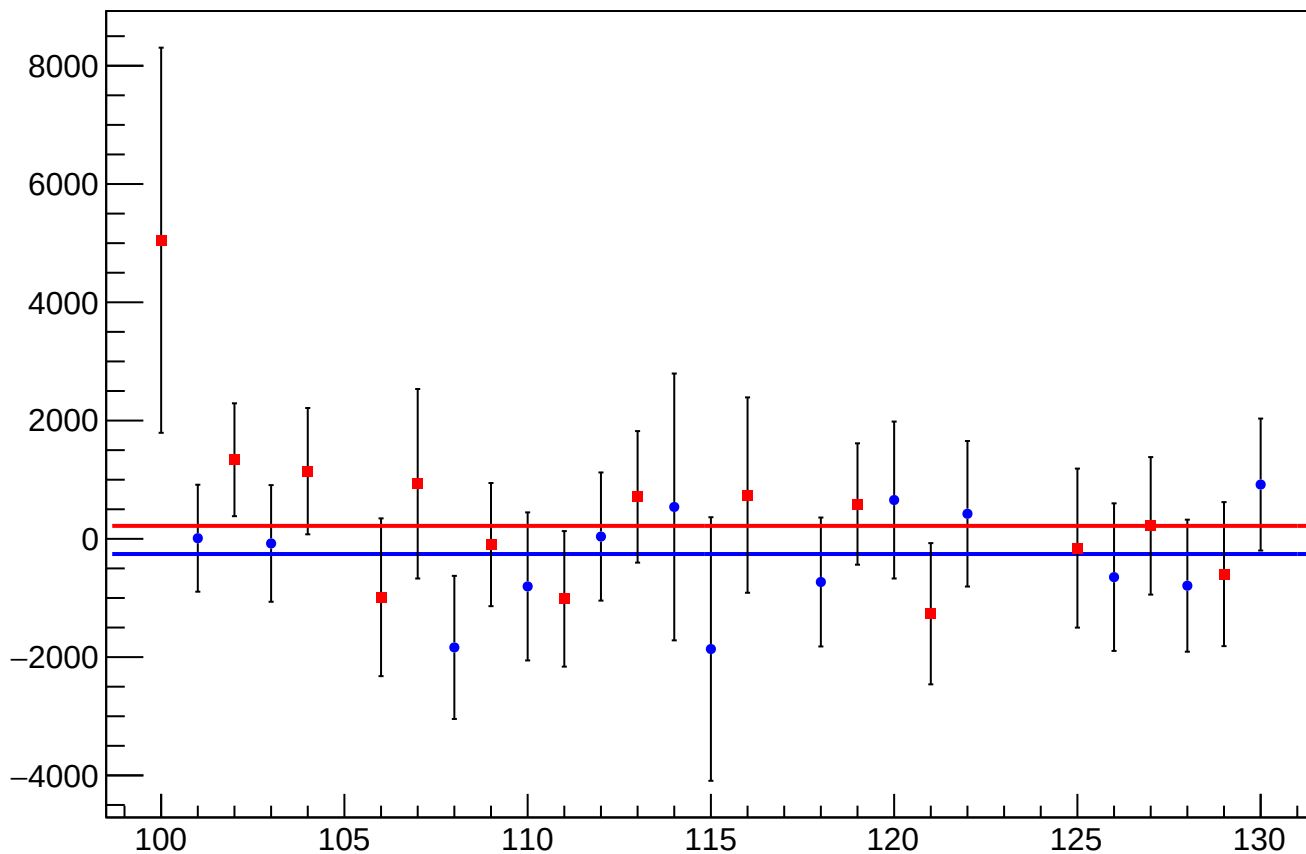
Right: 696.888+/-0.154 χ^2/NDF : 1943858.4/26

In: 724.003+/-0.228 χ^2/NDF : 876270.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 696.888+/-0.154 χ^2/NDF : 1943858.4/26

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

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

Right Out: 219.315+/-324.483 χ^2/NDF : 9.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

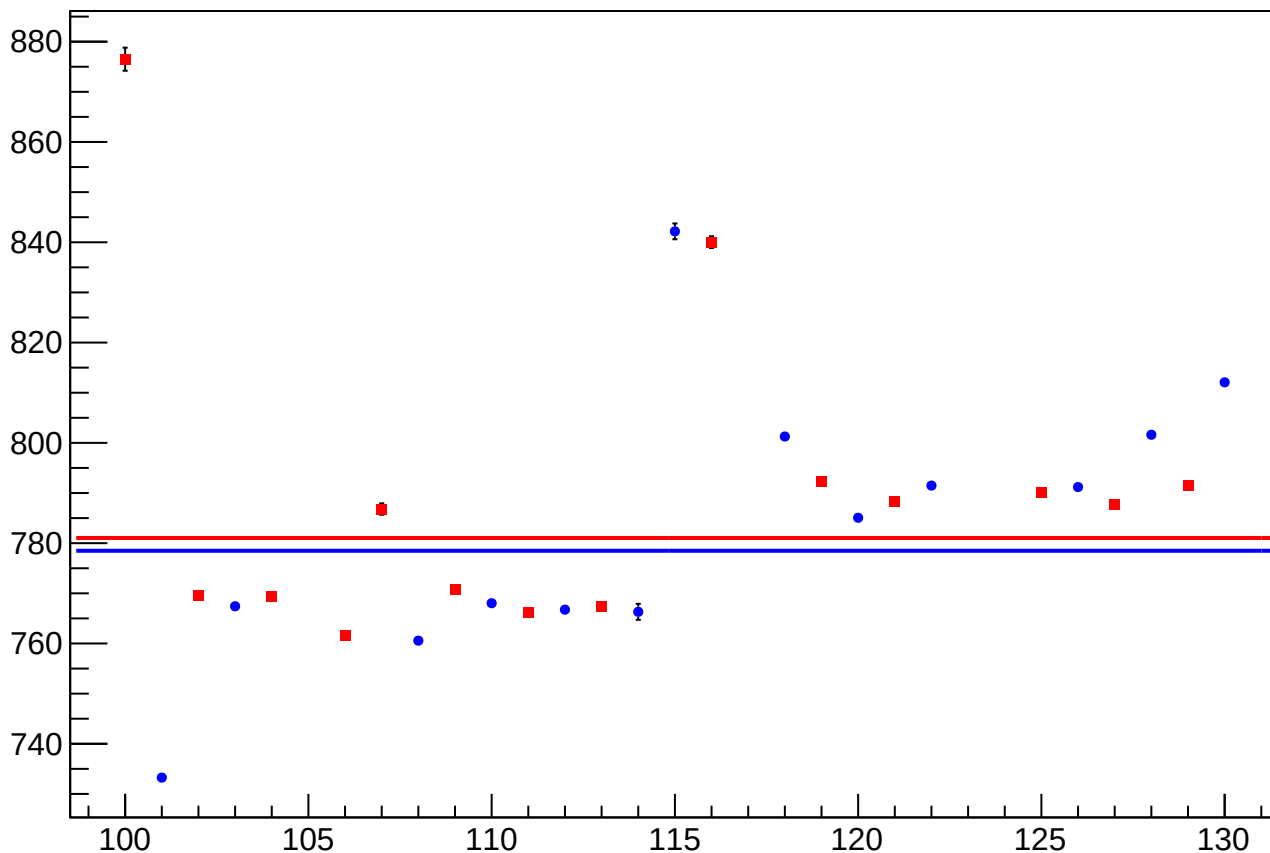
Right: -14.081+/-231.638 χ^2/NDF : 15.3/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.081+/-231.638 χ^2/NDF : 15.3/26

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 778.489+/-0.234 χ^2/NDF : 11784.4/12

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

Right Out: 781.037+/-0.229 χ^2/NDF : 6711.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

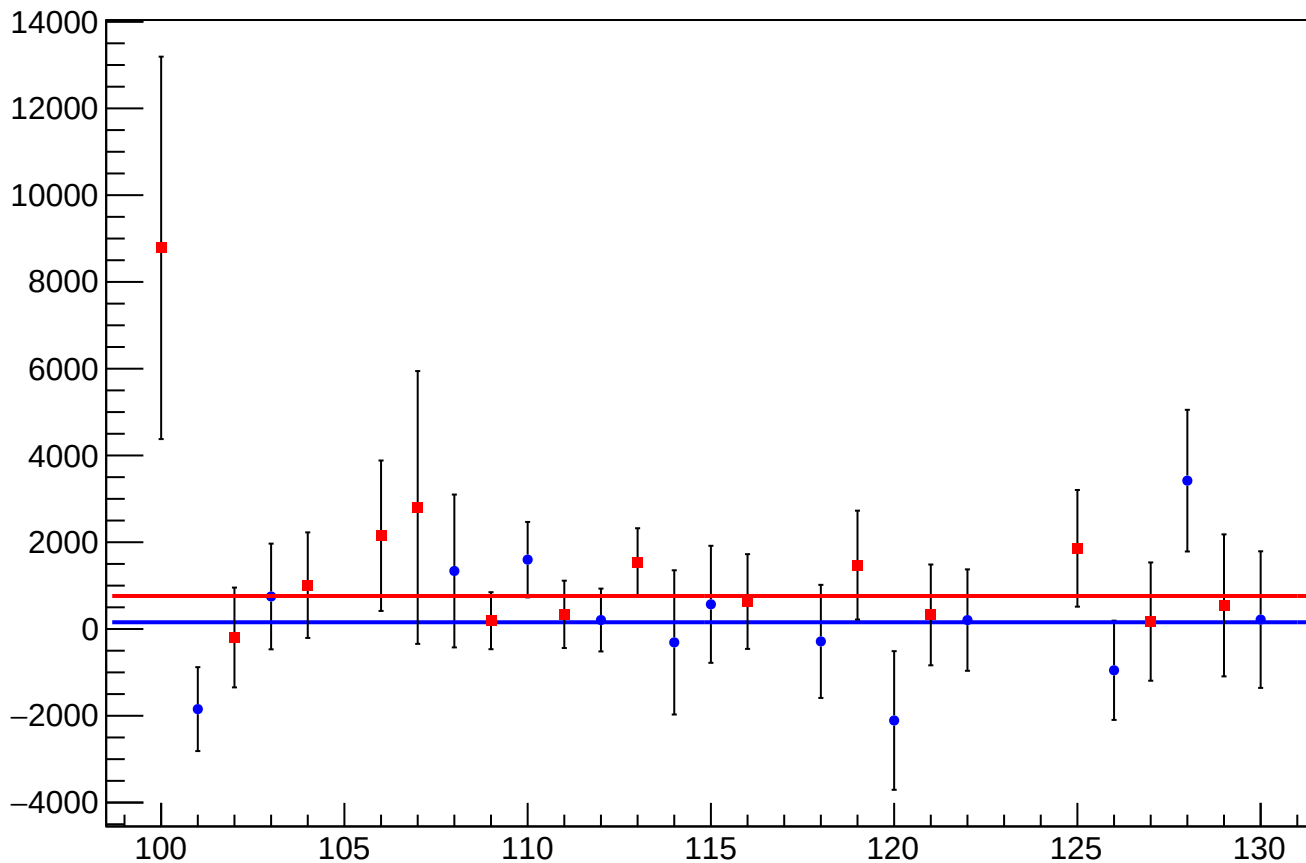
Right: 779.788+/-0.164 χ^2/NDF : 18556.2/26

In: 778.489+/-0.234 χ^2/NDF : 11784.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 779.788+/-0.164 χ^2/NDF : 18556.2/26

asym_us_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 155.497+/-325.070 χ^2/NDF : 15.0/12

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

Right Out: 761.278+/-298.843 χ^2/NDF : 8.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

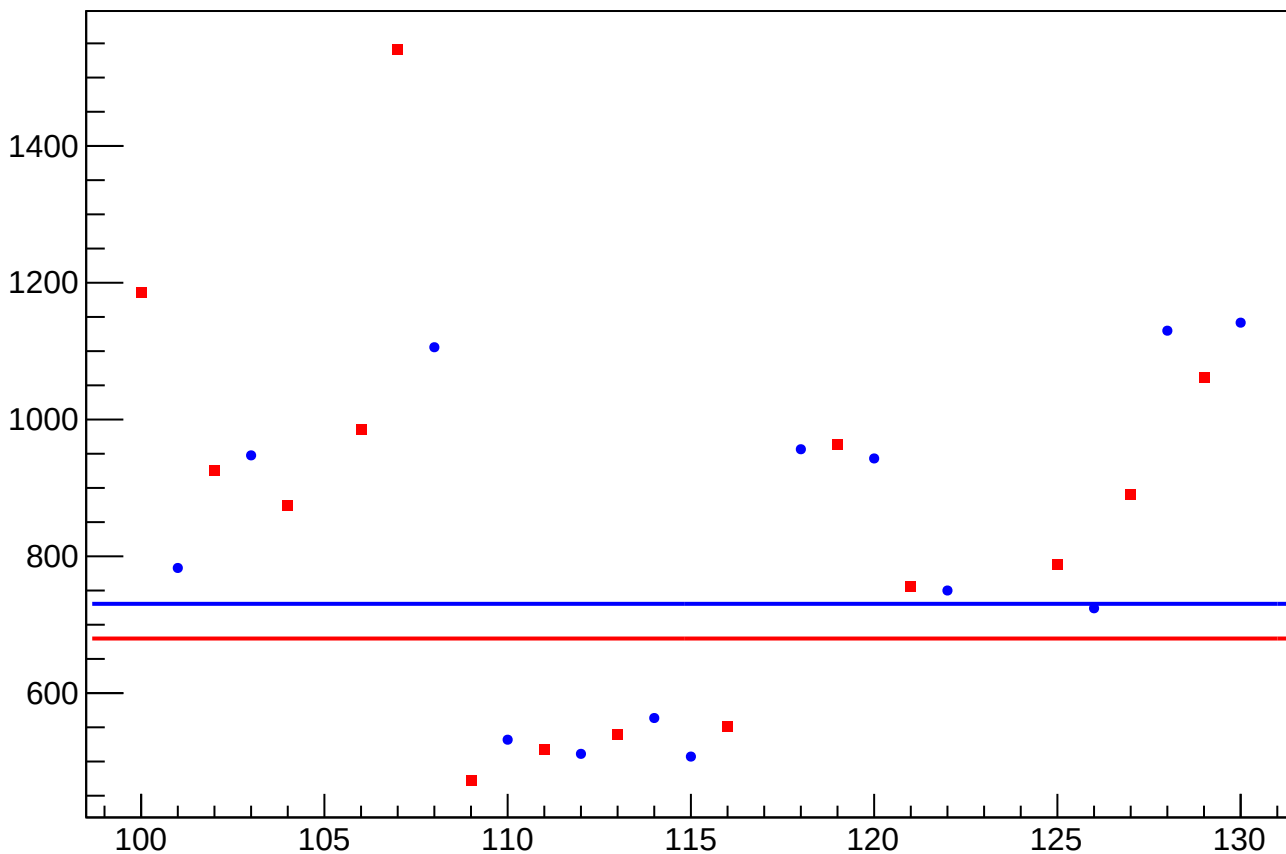
Right: 483.807+/-220.003 χ^2/NDF : 25.3/26

In: 155.497+/-325.070 χ^2/NDF : 15.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 483.807+/-220.003 χ^2/NDF : 25.3/26

asym_us_dd_dit_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 679.823+/-0.211 χ^2/NDF : 1040052.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

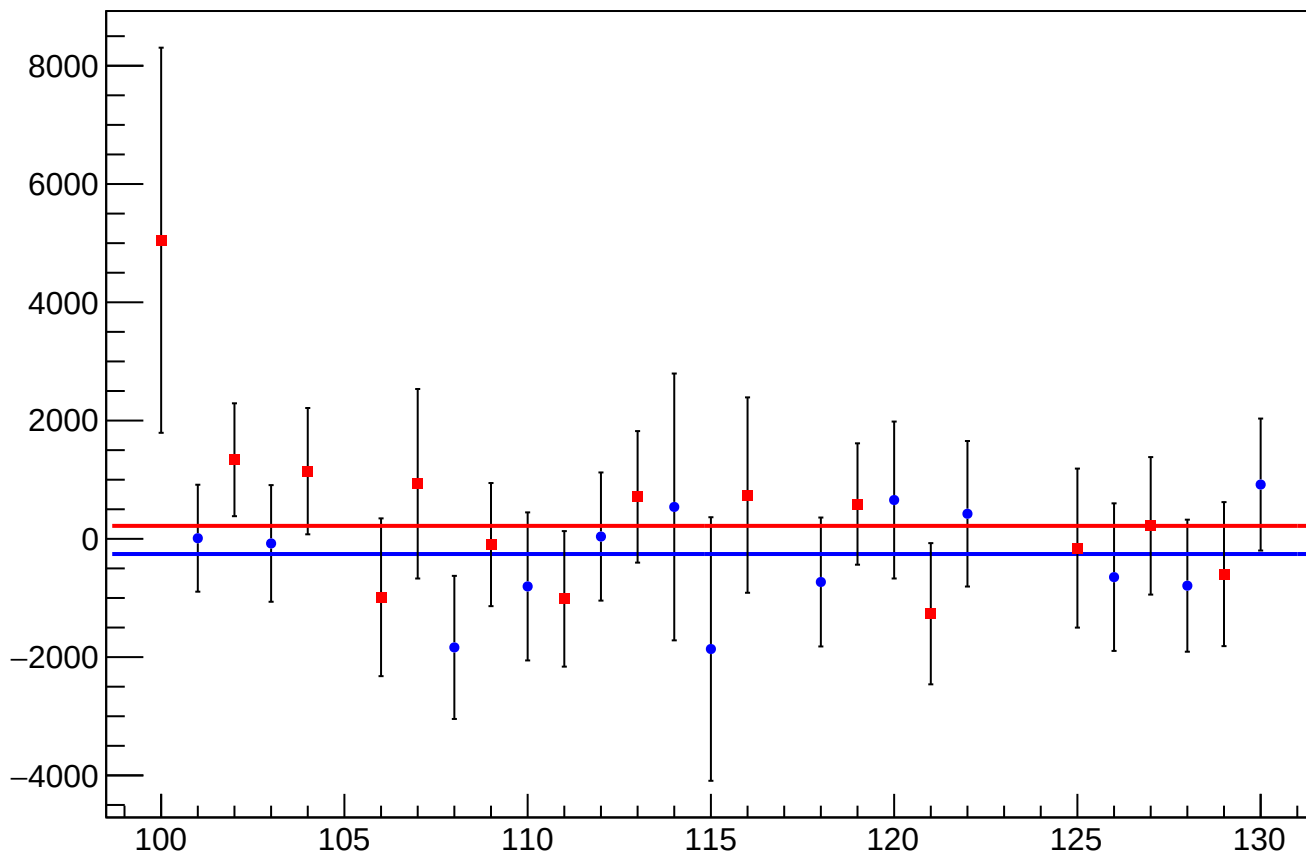
Right: 703.059+/-0.156 χ^2/NDF : 1941781.3/26

In: 730.553+/-0.230 χ^2/NDF : 875331.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 703.059+/-0.156 χ^2/NDF : 1941781.3/26

eigen_dit_asym_us_dd_mean vs Slug, Sign Corrected



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

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

Right Out: 219.313+/-324.483 χ^2/NDF : 9.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

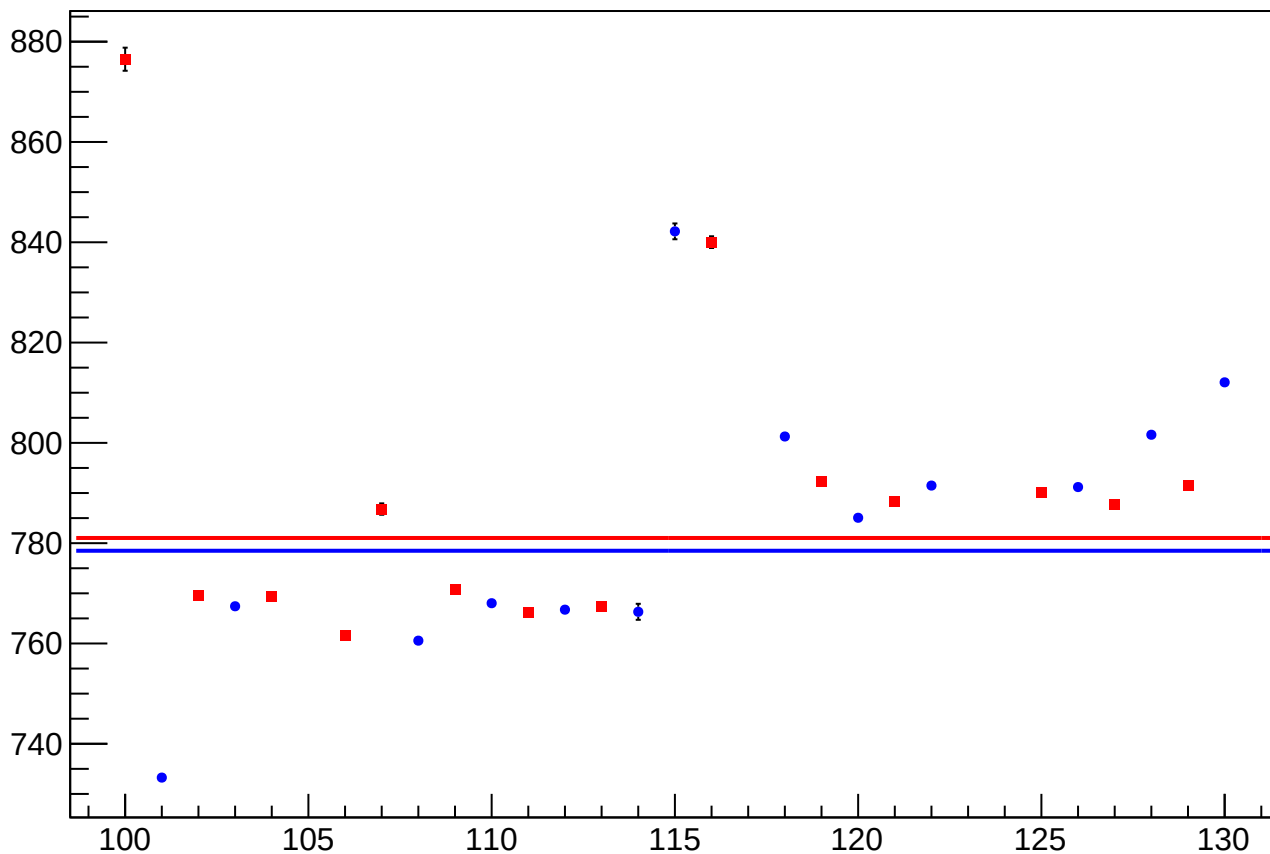
Right: -14.083+/-231.638 χ^2/NDF : 15.3/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.083+/-231.638 χ^2/NDF : 15.3/26

eigen_dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 778.489 ± 0.234 χ^2/NDF : 11784.4/12

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

Right Out: 781.037 ± 0.229 χ^2/NDF : 6711.3/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

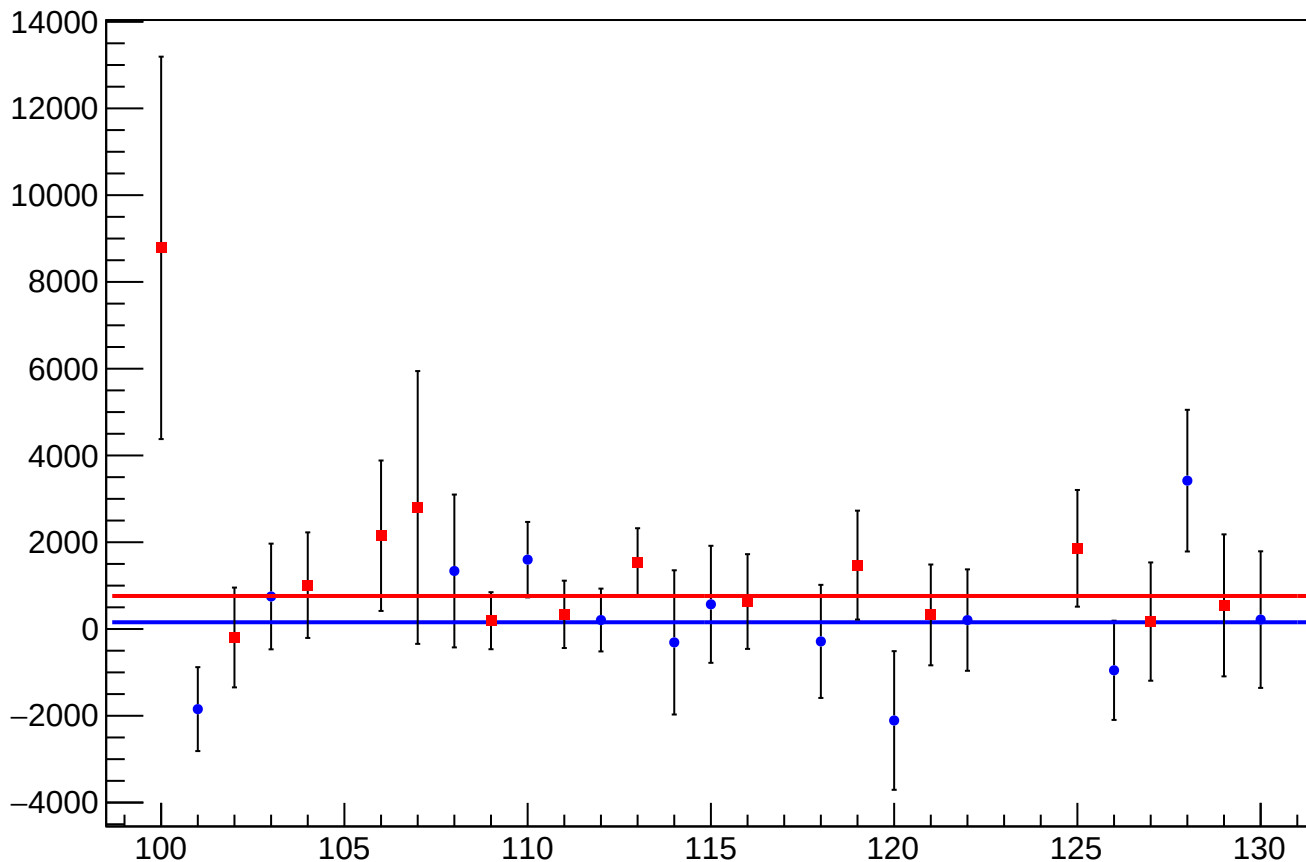
Right: 779.788 ± 0.164 χ^2/NDF : 18556.2/26

In: 778.489 ± 0.234 χ^2/NDF : 11784.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 779.788 ± 0.164 χ^2/NDF : 18556.2/26

asym_us_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 155.497+/-325.069 χ^2/NDF : 15.0/12

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

Right Out: 761.275+/-298.842 χ^2/NDF : 8.5/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

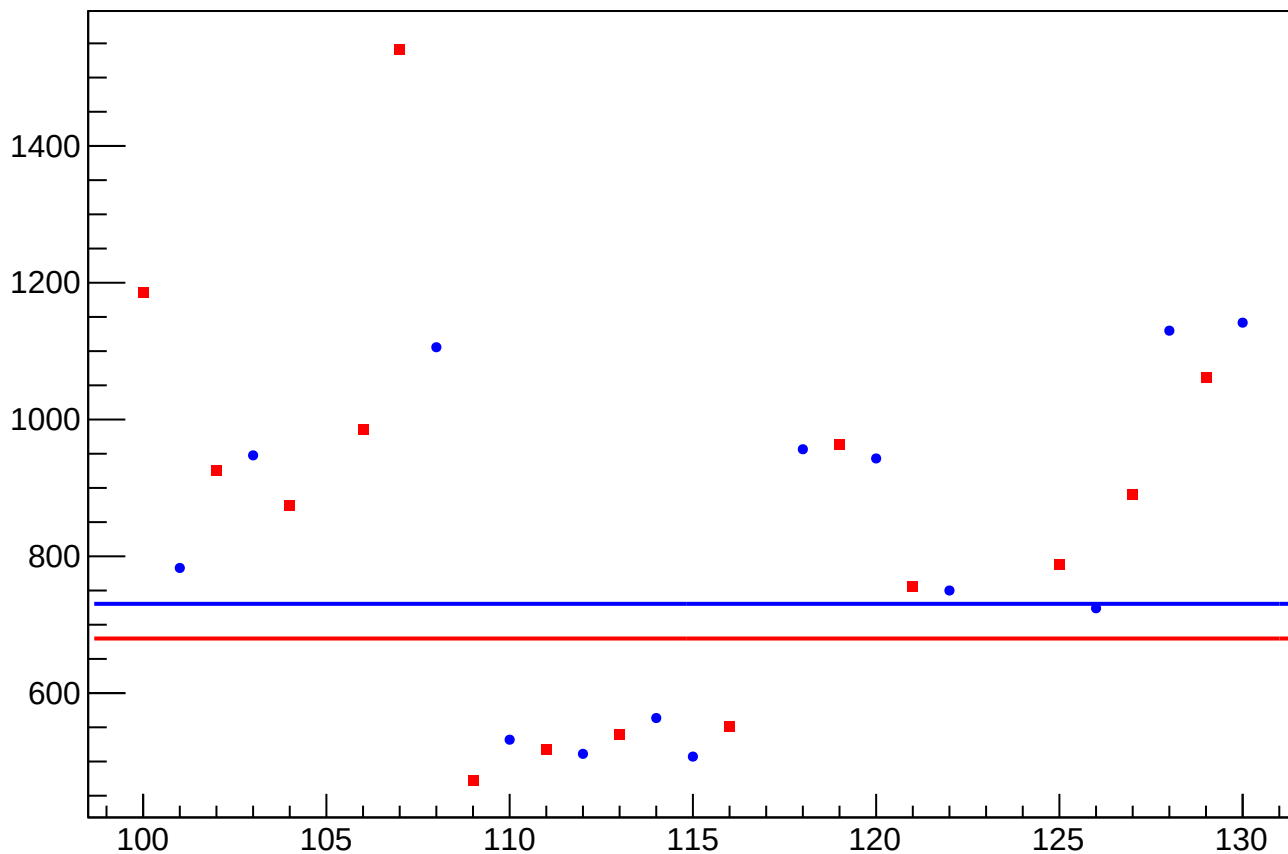
Right: 483.806+/-220.002 χ^2/NDF : 25.3/26

In: 155.497+/-325.069 χ^2/NDF :15.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 483.806+/-220.002 χ^2/NDF : 25.3/26

asym_us_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 679.819+/-0.211 χ^2/NDF : 1040072.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

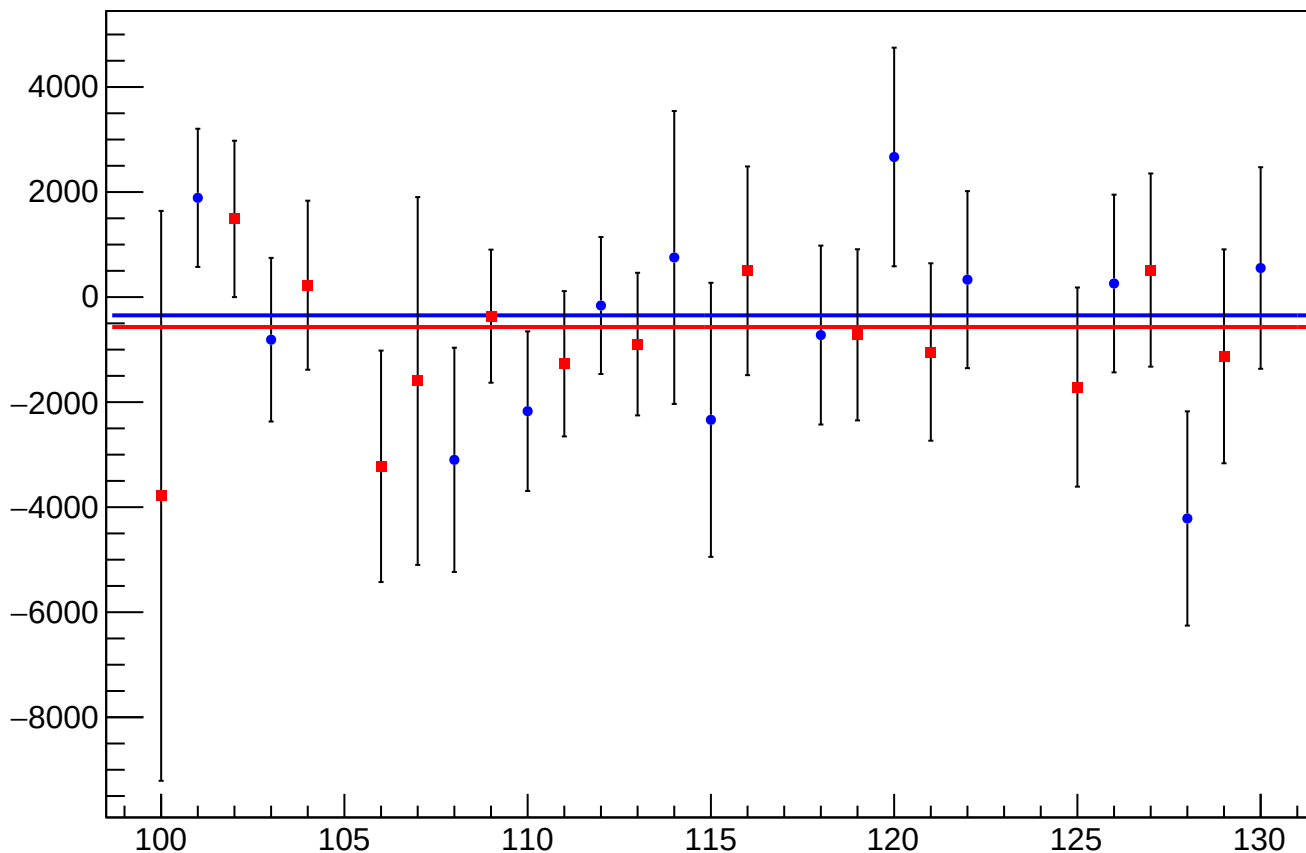
Right: 703.055+/-0.156 χ^2/NDF : 1941816.5/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 703.055+/-0.156 χ^2/NDF : 1941816.5/26

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -347.537 ± 482.561 χ^2/NDF : 13.1/12

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

Right Out: -569.939 ± 464.124 χ^2/NDF : 5.5/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

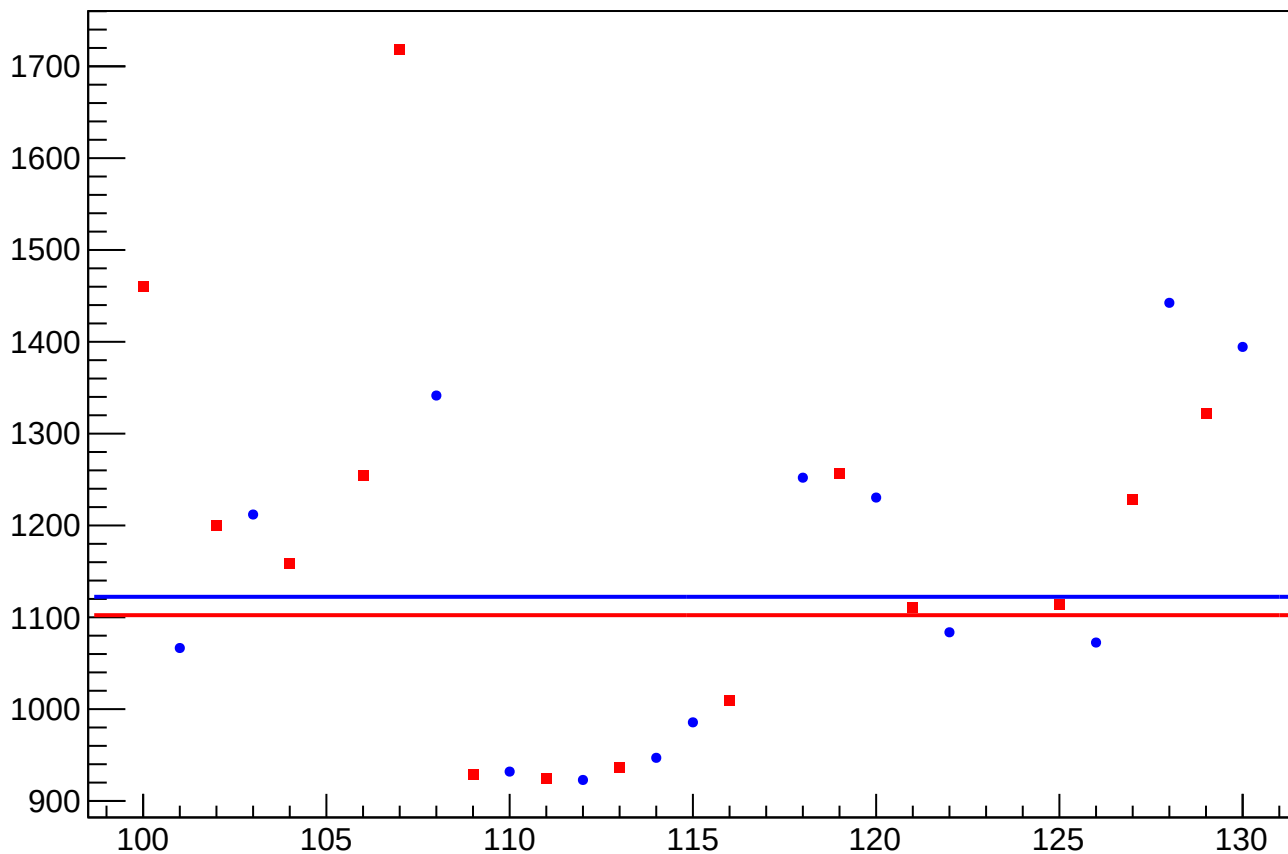
Right: -463.067 ± 334.514 χ^2/NDF : 18.8/26

In: -347.537 ± 482.561 χ^2/NDF : 13.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -463.067 ± 334.514 χ^2/NDF : 18.8/26

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1122.315+/-0.341 χ^2/NDF : 232082.0/12

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

Right Out: 1102.307+/-0.328 χ^2/NDF : 246271.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

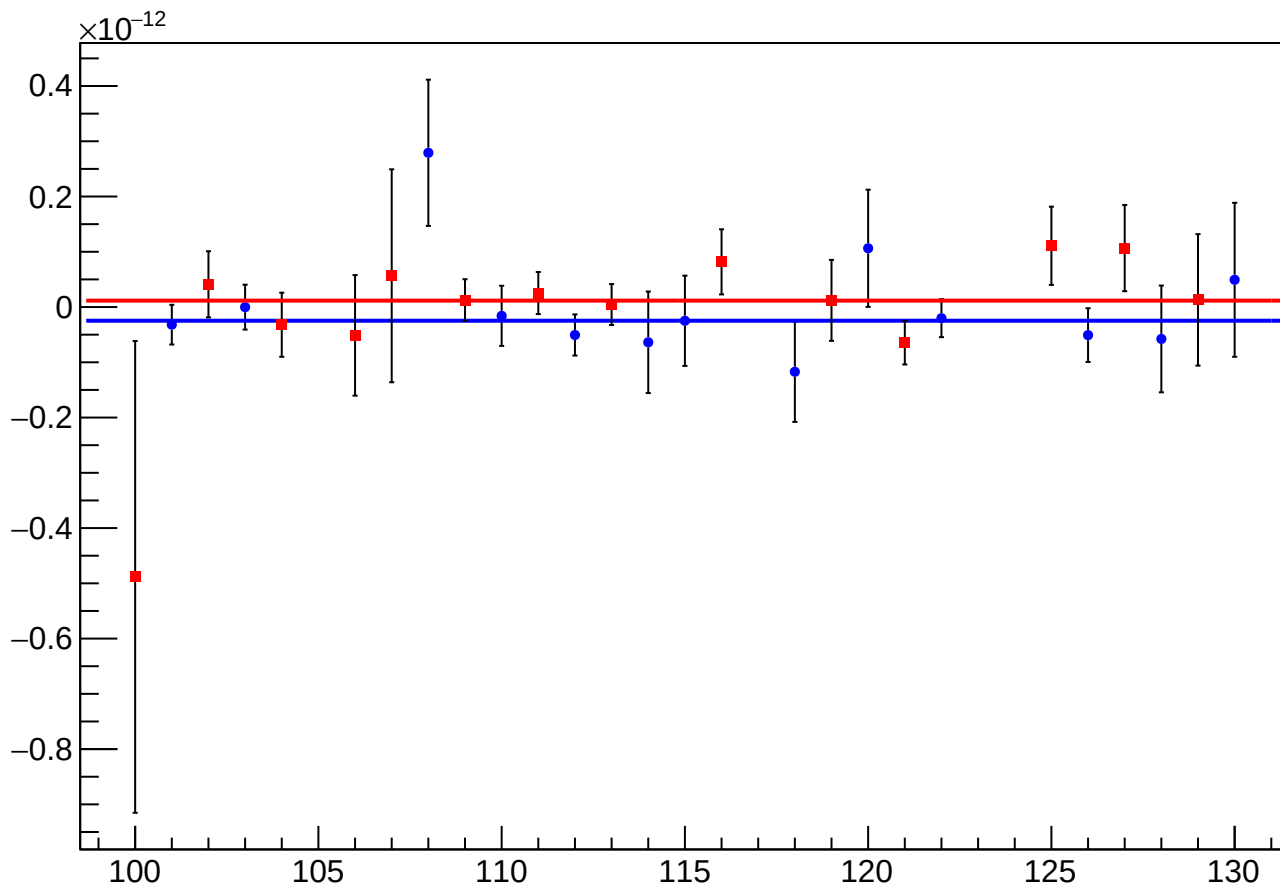
Right: 1111.922+/-0.237 χ^2/NDF : 480139.8/26

In: 1122.315+/-0.341 χ^2/NDF : 232082.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1111.922+/-0.237 χ^2/NDF : 480139.8/26

asym_us_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.6/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 11.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

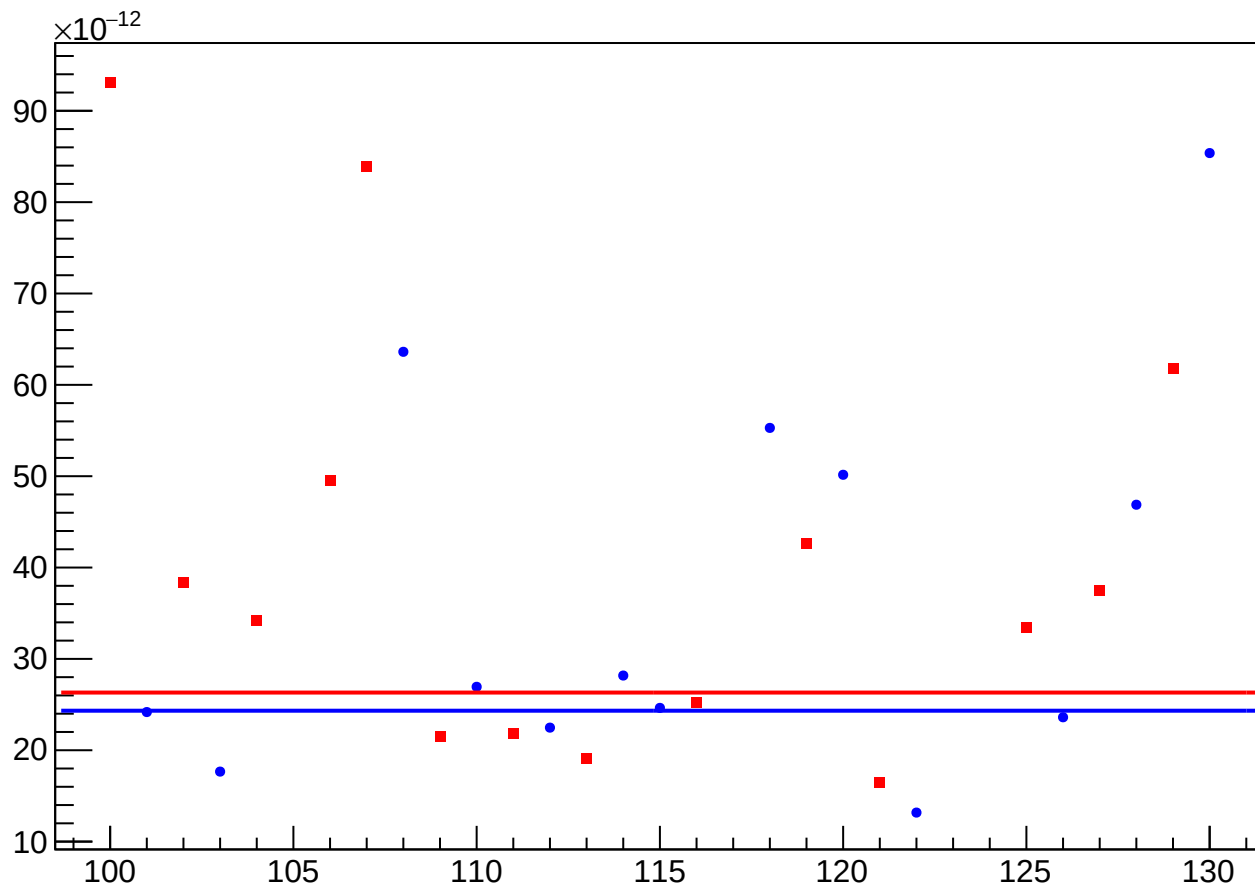
Right: -0.000+/-0.000 χ^2/NDF : 23.9/26

In: -0.000+/-0.000 χ^2/NDF : 9.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.9/26

asym_us_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1037683.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

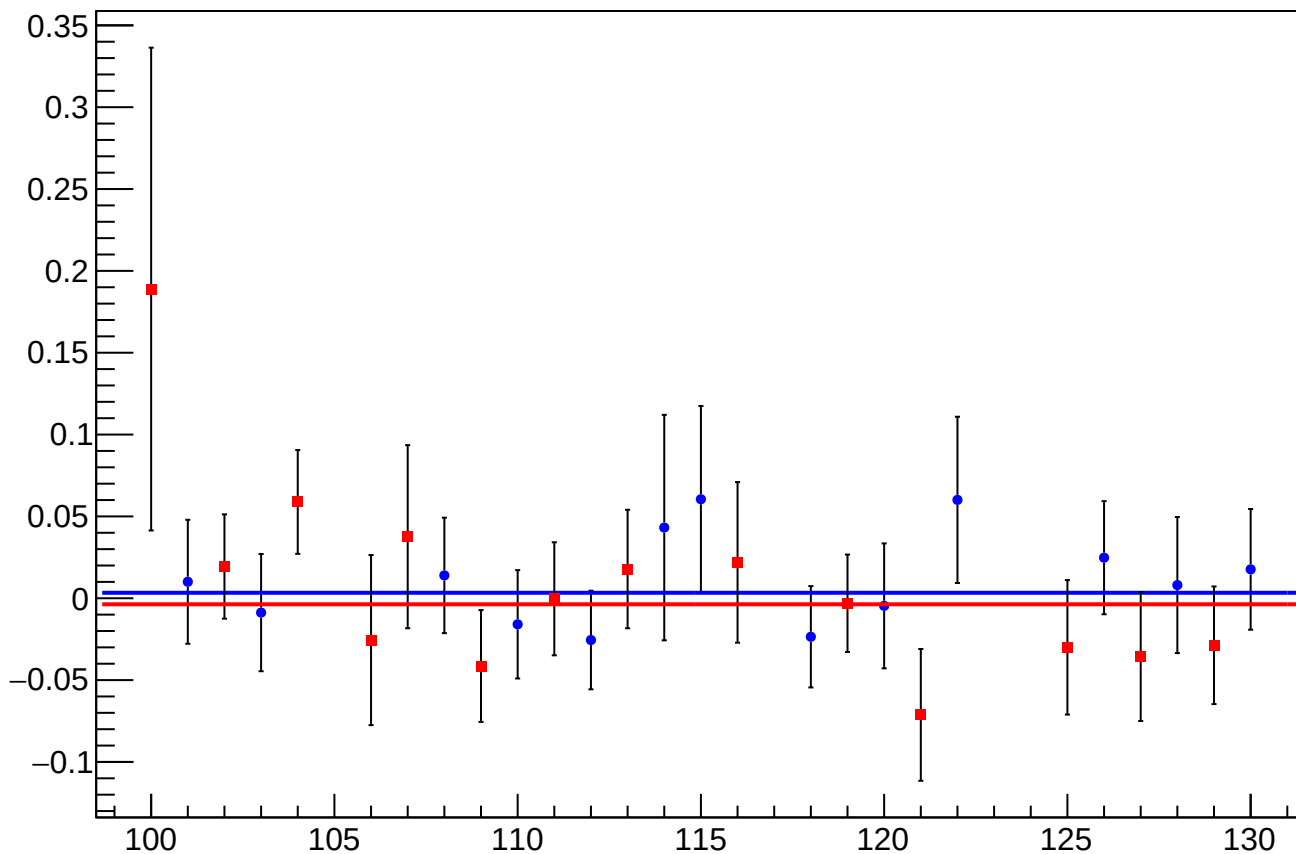
Right: 0.000+/-0.000 χ^2/NDF : 2353857.8/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2353857.8/26

asym_us_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003 $\pm$ 0.010 χ^2 /NDF: 5.4/12

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

Right Out: -0.004 $\pm$ 0.010 χ^2 /NDF: 13.1/13

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

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

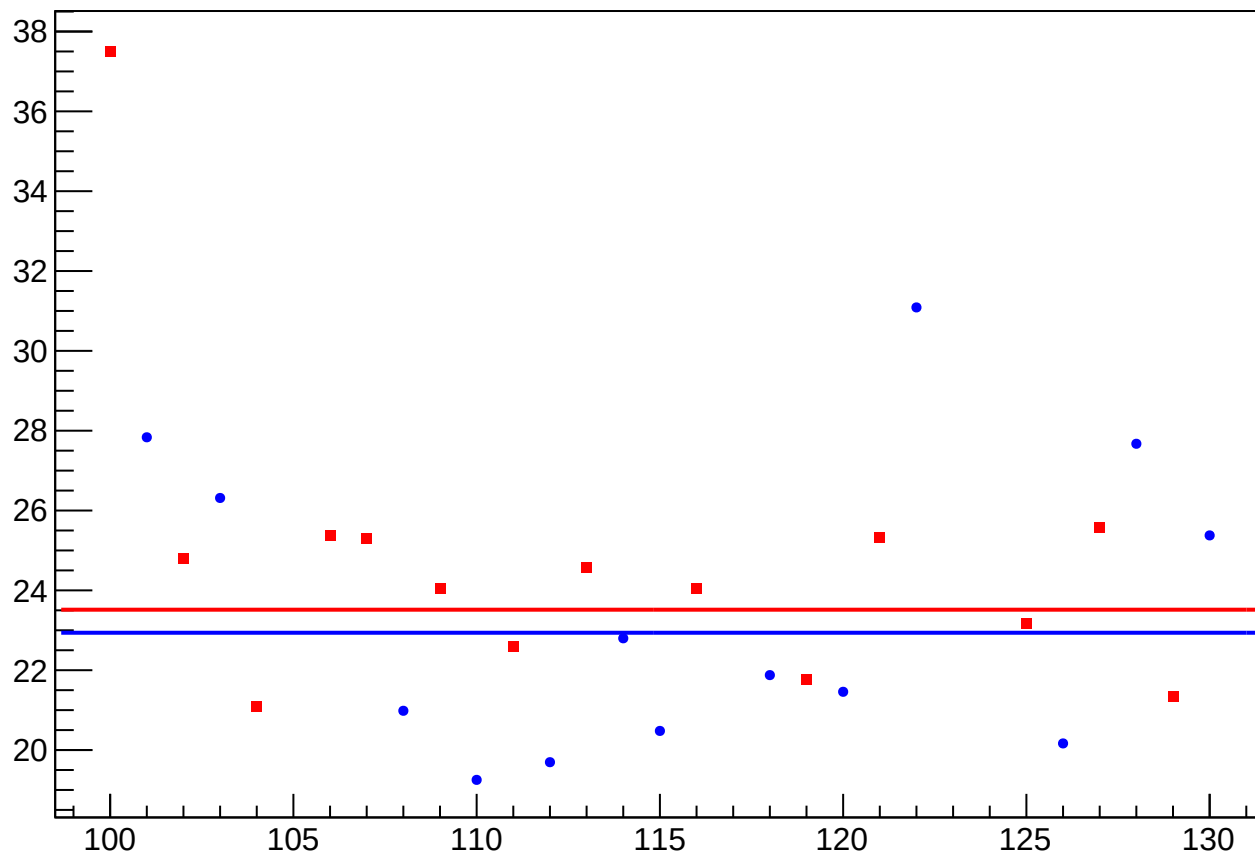
Right: -0.000 $\pm$ 0.007 χ^2 /NDF: 18.7/26

In: 0.003 $\pm$ 0.010 χ^2 /NDF:5.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.007 χ^2 /NDF: 18.7/26

asym_us_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 23.516+/-0.007 χ^2/NDF : 65252.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

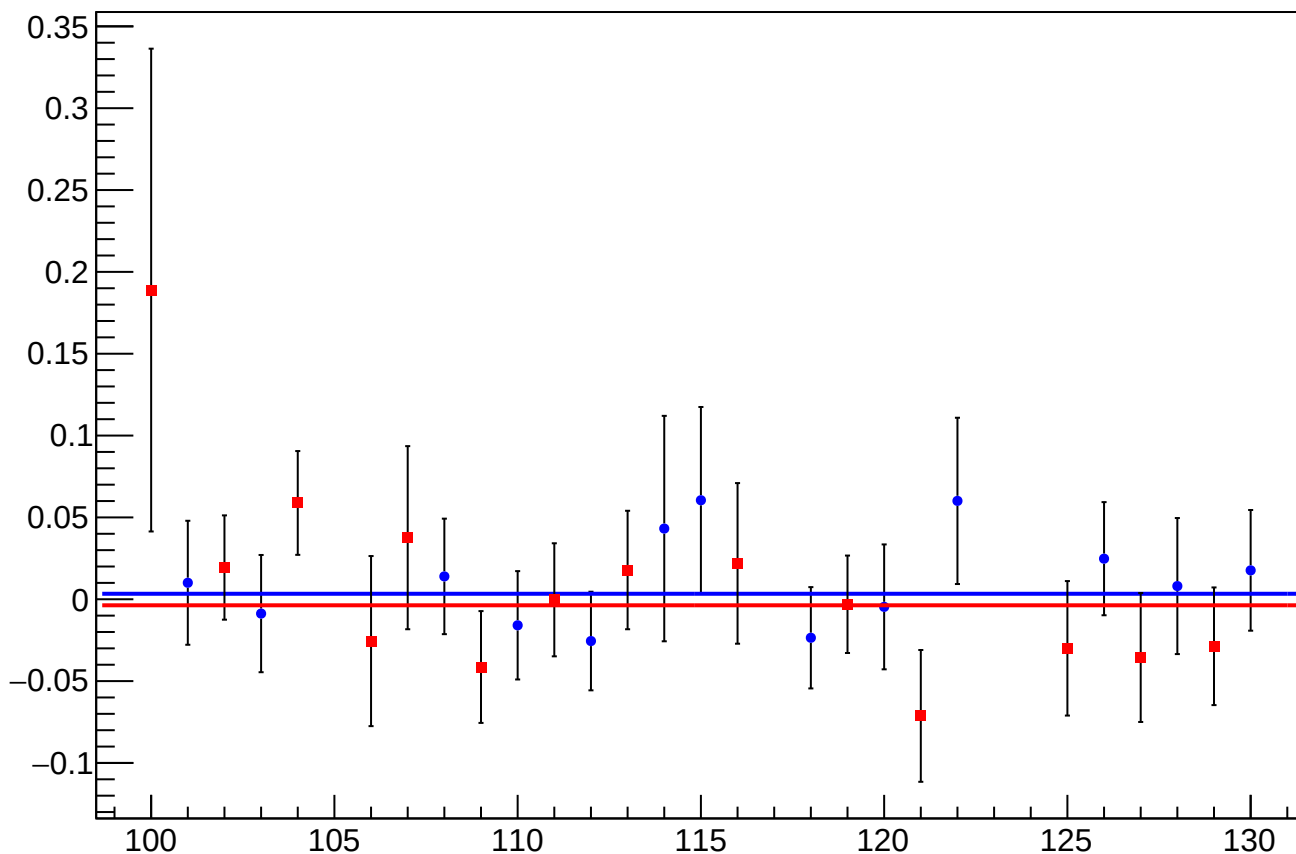
Right: 23.231+/-0.005 χ^2/NDF : 281803.9/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.231+/-0.005 χ^2/NDF : 281803.9/26

asym_us_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003 $\pm$ 0.010 χ^2 /NDF: 5.4/12

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

Right Out: -0.004 $\pm$ 0.010 χ^2 /NDF: 13.1/13

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

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

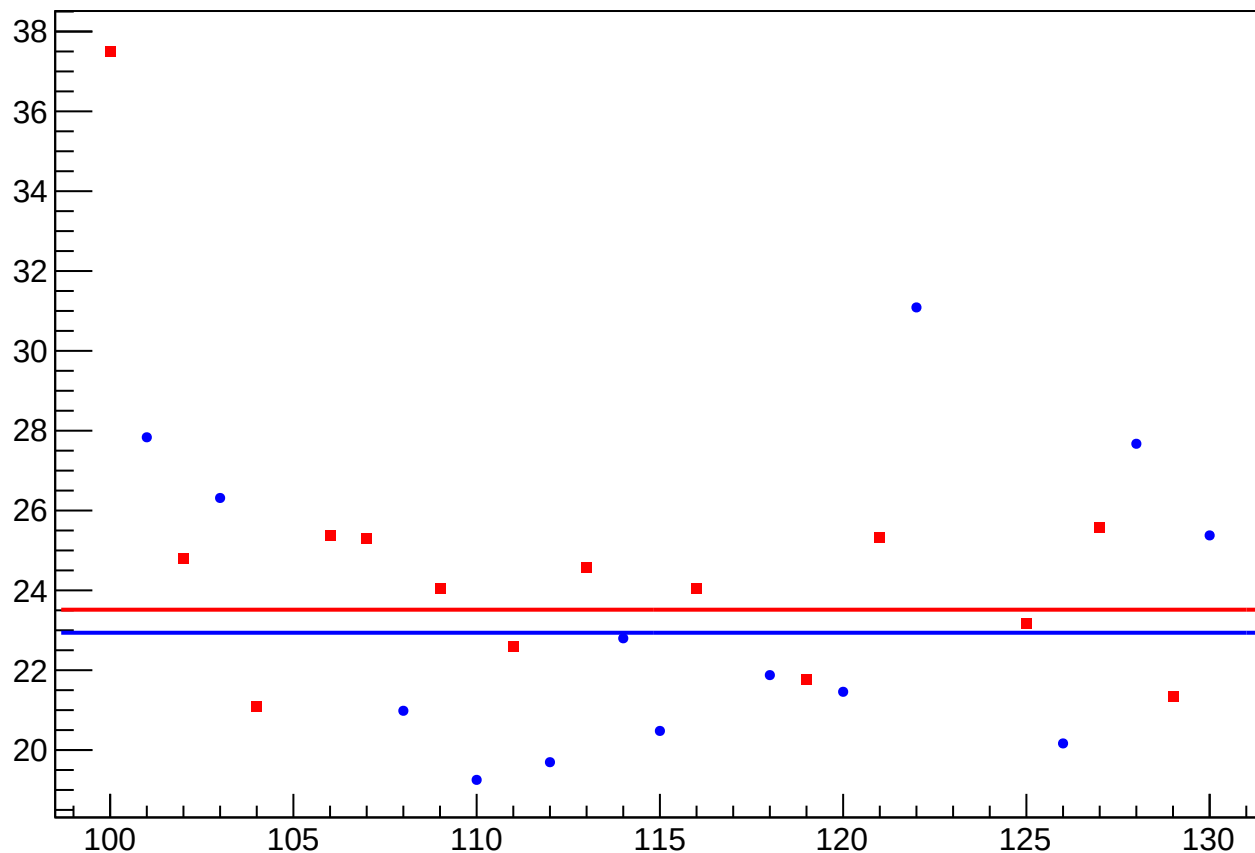
Right: -0.000 $\pm$ 0.007 χ^2 /NDF: 18.7/26

In: 0.003 $\pm$ 0.010 χ^2 /NDF:5.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.007 χ^2 /NDF: 18.7/26

asym_us_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 23.516+/-0.007 χ^2/NDF : 65252.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

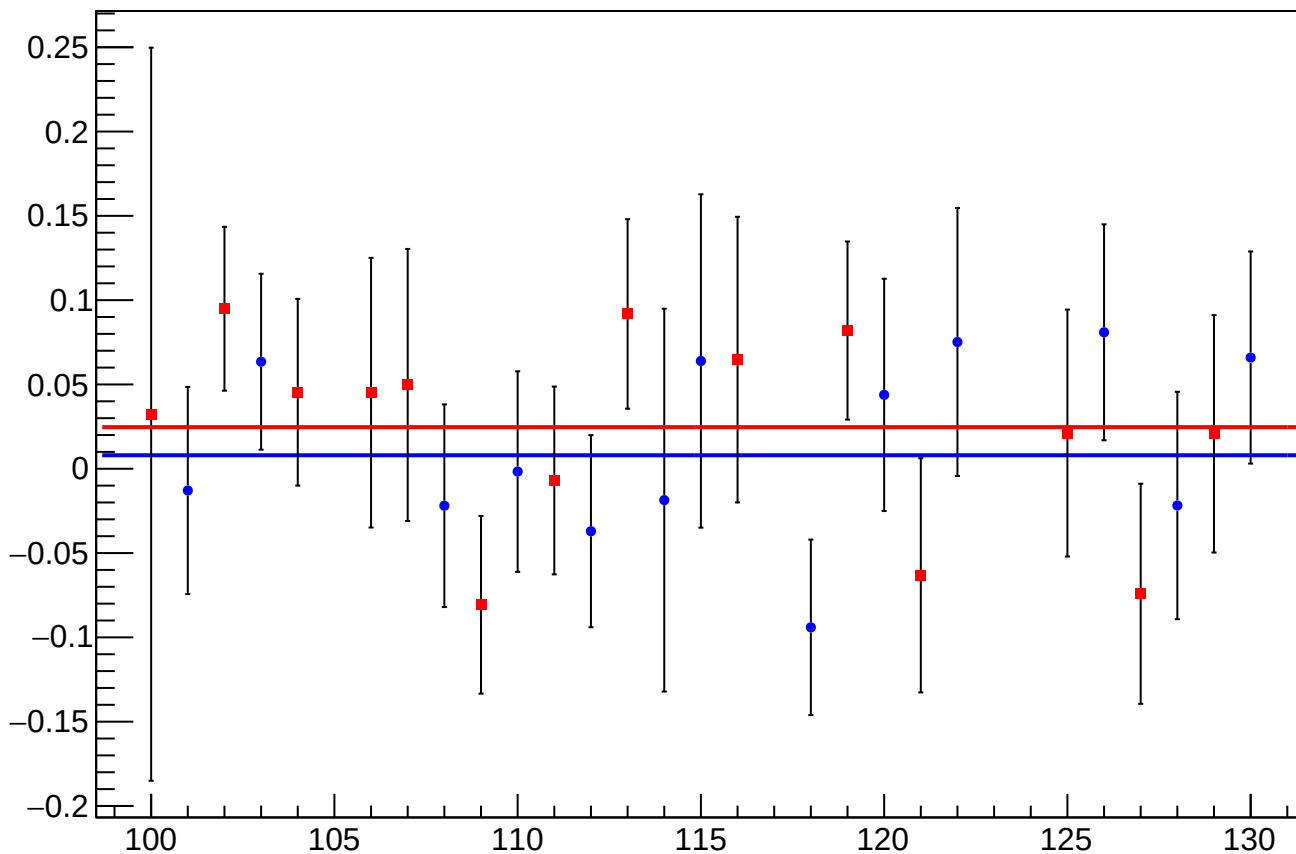
Right: 23.231+/-0.005 χ^2/NDF : 281803.9/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.231+/-0.005 χ^2/NDF : 281803.9/26

asym_us_dd_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.025 $\pm$ 0.017 χ^2 /NDF: 13.4/13

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

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

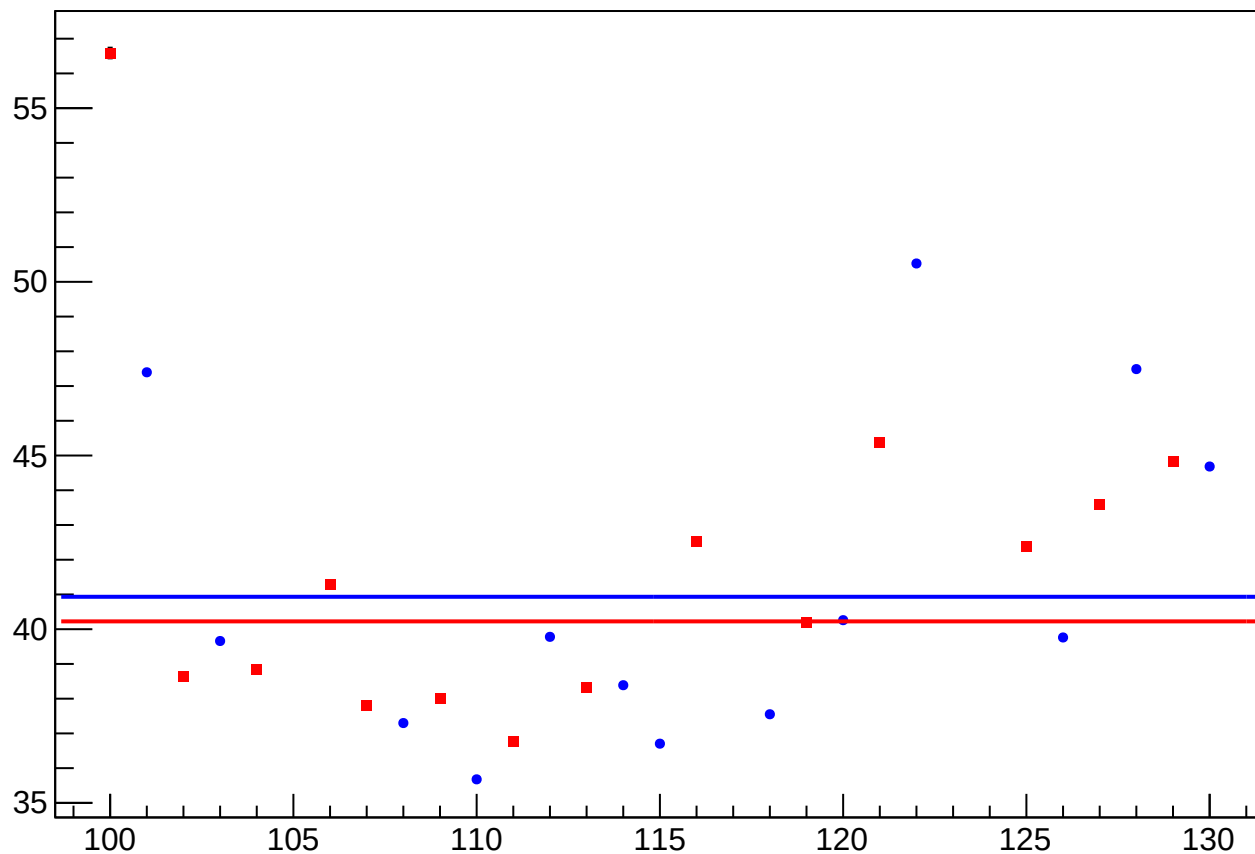
Right: 0.017 $\pm$ 0.012 χ^2 /NDF: 23.6/26

In: 0.008 $\pm$ 0.018 χ^2 /NDF:9.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.017 $\pm$ 0.012 χ^2 /NDF: 23.6/26

asym_us_dd_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 40.225+/-0.012 χ^2/NDF : 58537.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

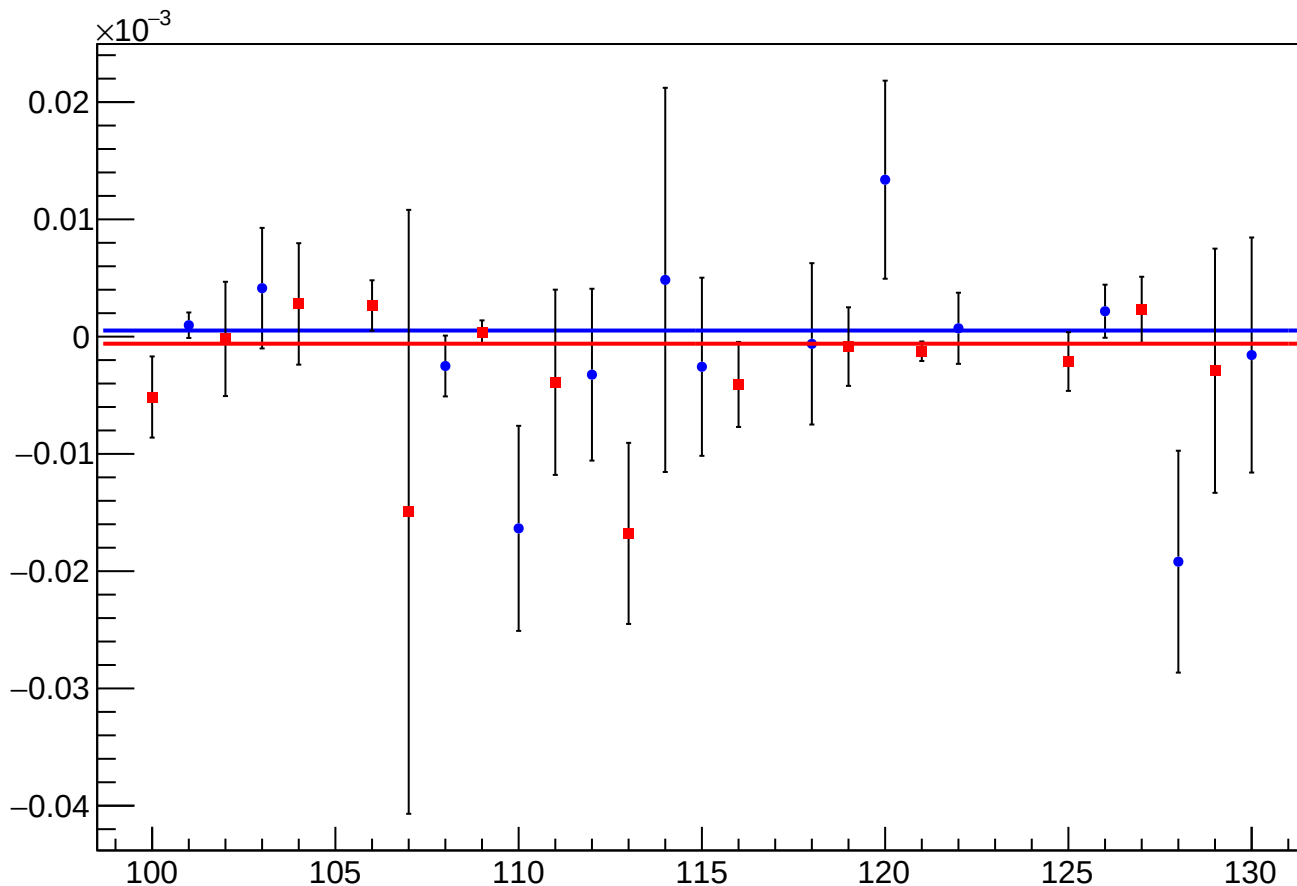
Right: 40.564+/-0.009 χ^2/NDF : 176359.1/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.564+/-0.009 χ^2/NDF : 176359.1/26

asym_us_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.5/12

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

Right Out: -0.000+/-0.000 χ^2/NDF : 13.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

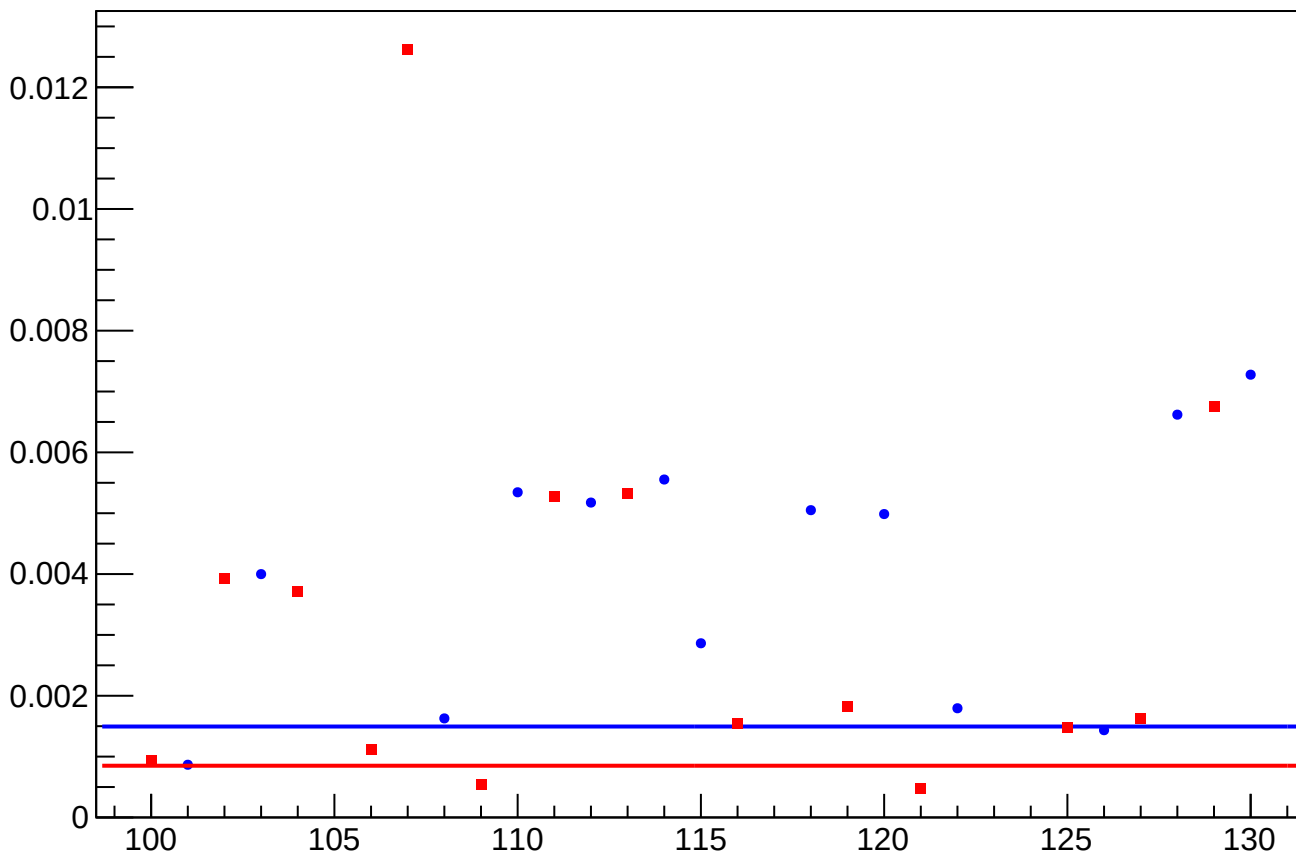
Right: -0.000+/-0.000 χ^2/NDF : 28.1/26

In: 0.000+/-0.000 χ^2/NDF : 13.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.1/26

asym_us_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 0.001+/-0.000 χ^2/NDF : 4916602.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

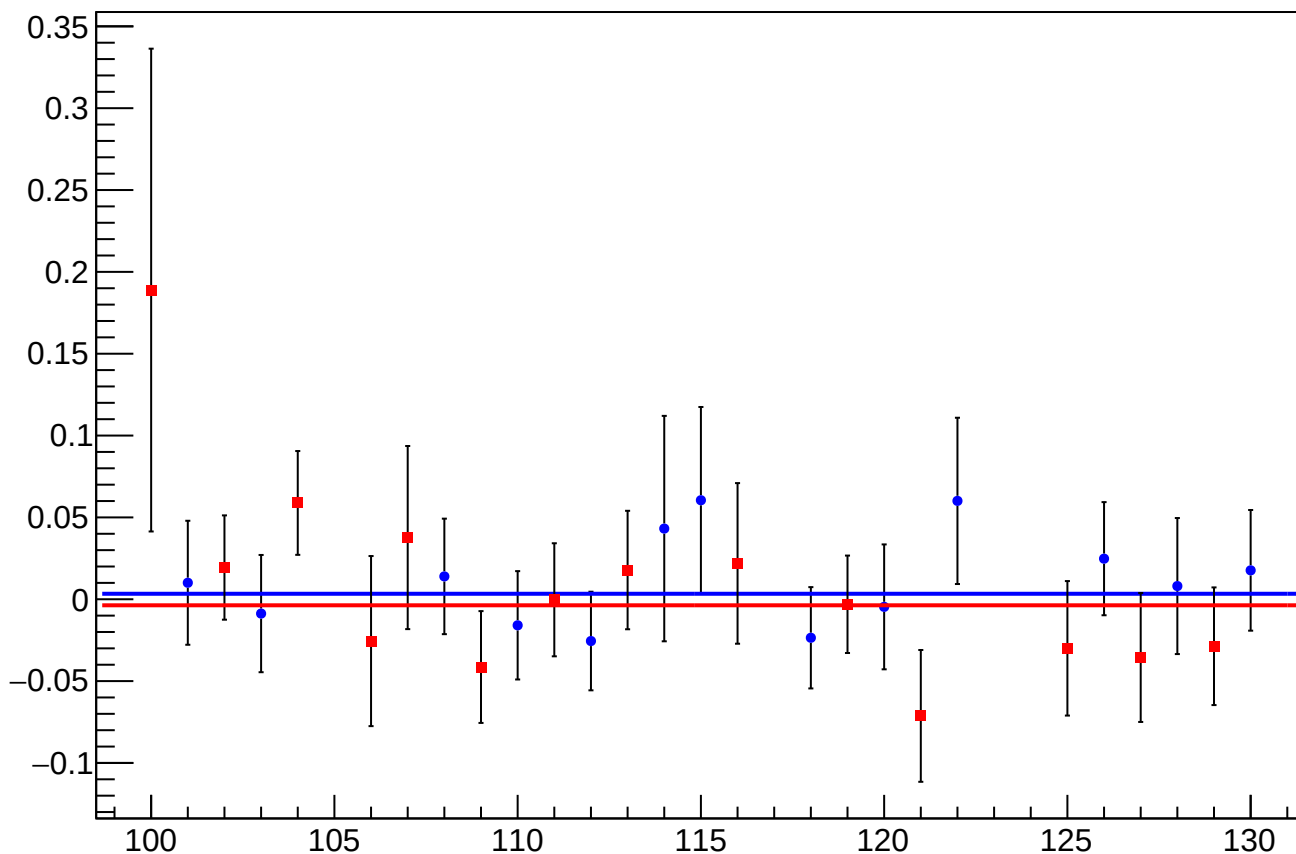
Right: 0.001+/-0.000 χ^2/NDF : 10132488.3/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 10132488.3/26

asym_us_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.004+/-0.010 χ^2/NDF : 13.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

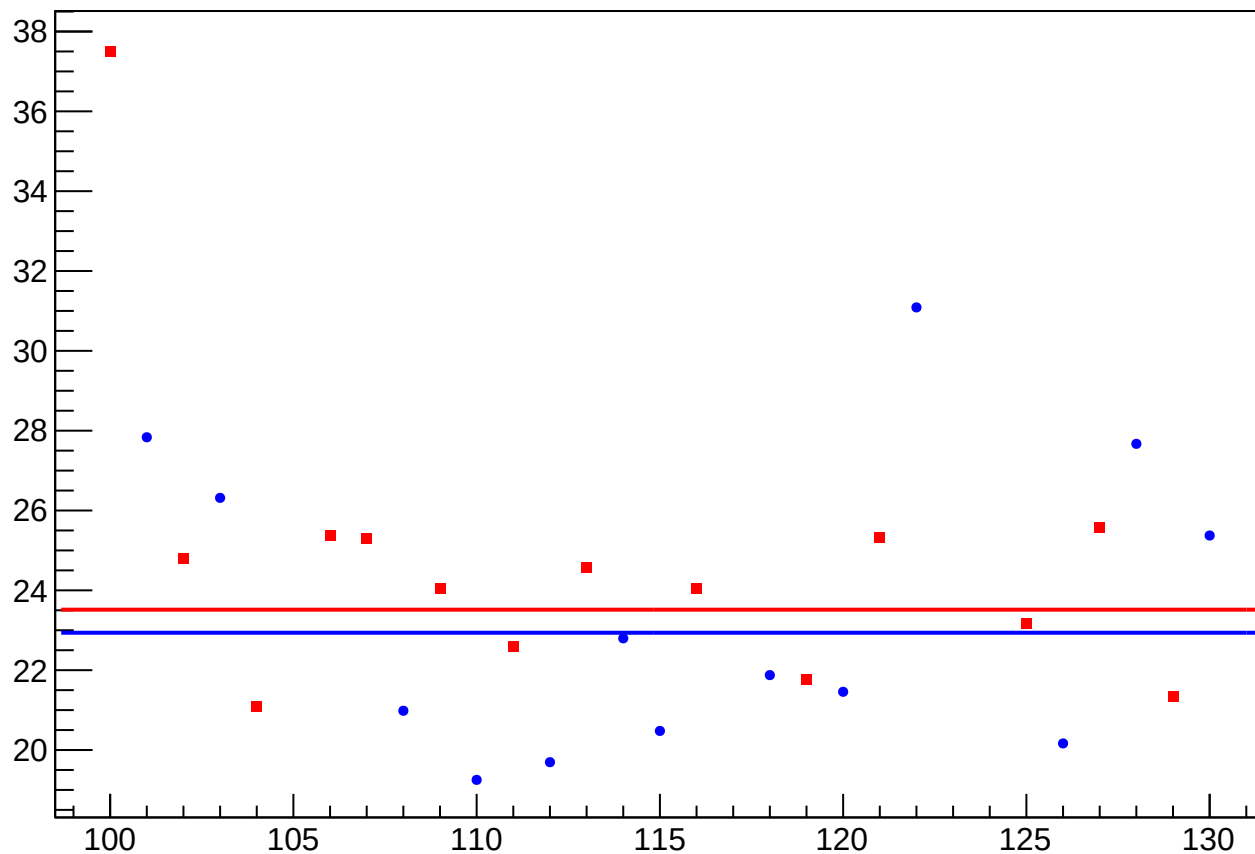
Right: -0.000+/-0.007 χ^2/NDF : 18.7/26

In: 0.003+/-0.010 χ^2/NDF : 5.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.007 χ^2/NDF : 18.7/26

asym_us_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 23.516+/-0.007 χ^2/NDF : 65247.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

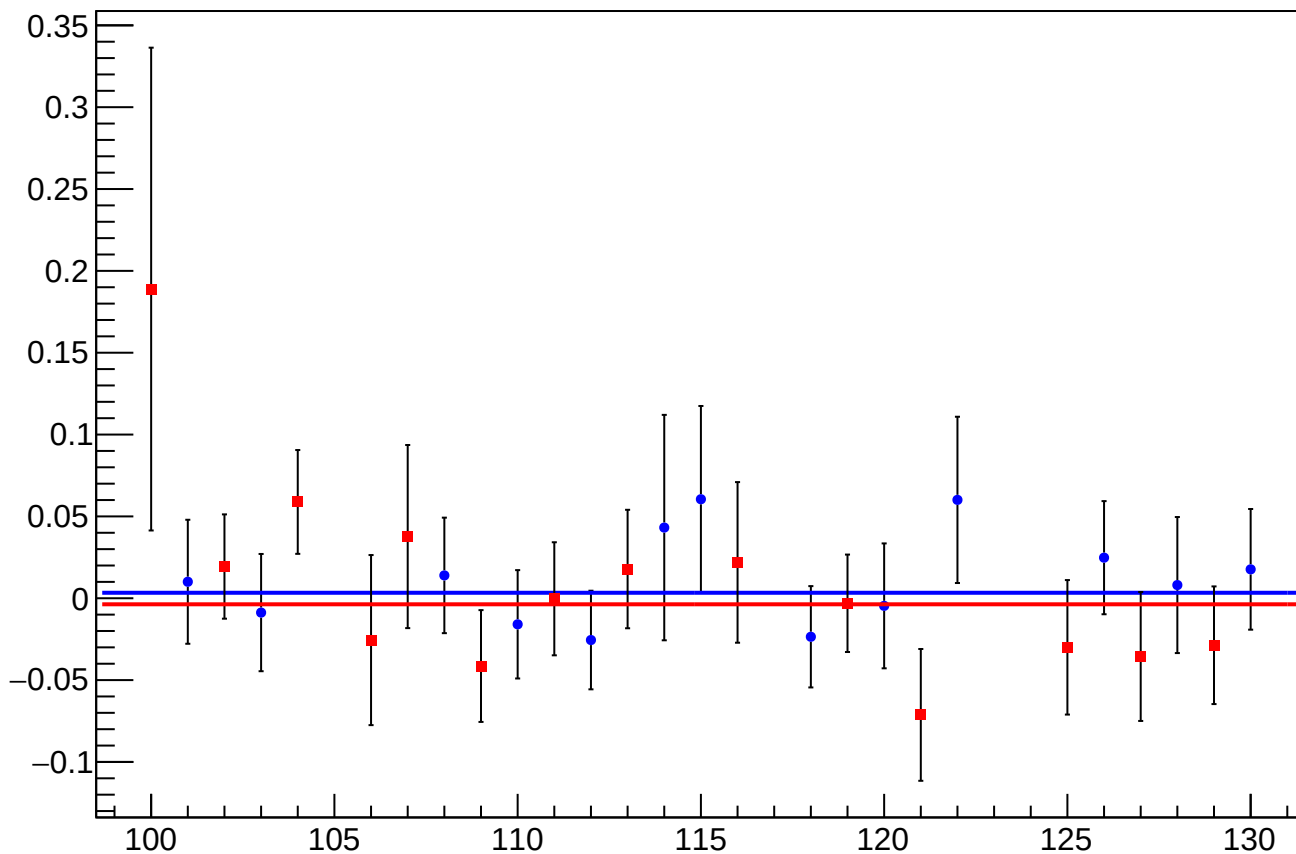
Right: 23.231+/-0.005 χ^2/NDF : 281817.5/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.231+/-0.005 χ^2/NDF : 281817.5/26

asym_us_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.004+/-0.010 χ^2/NDF : 13.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

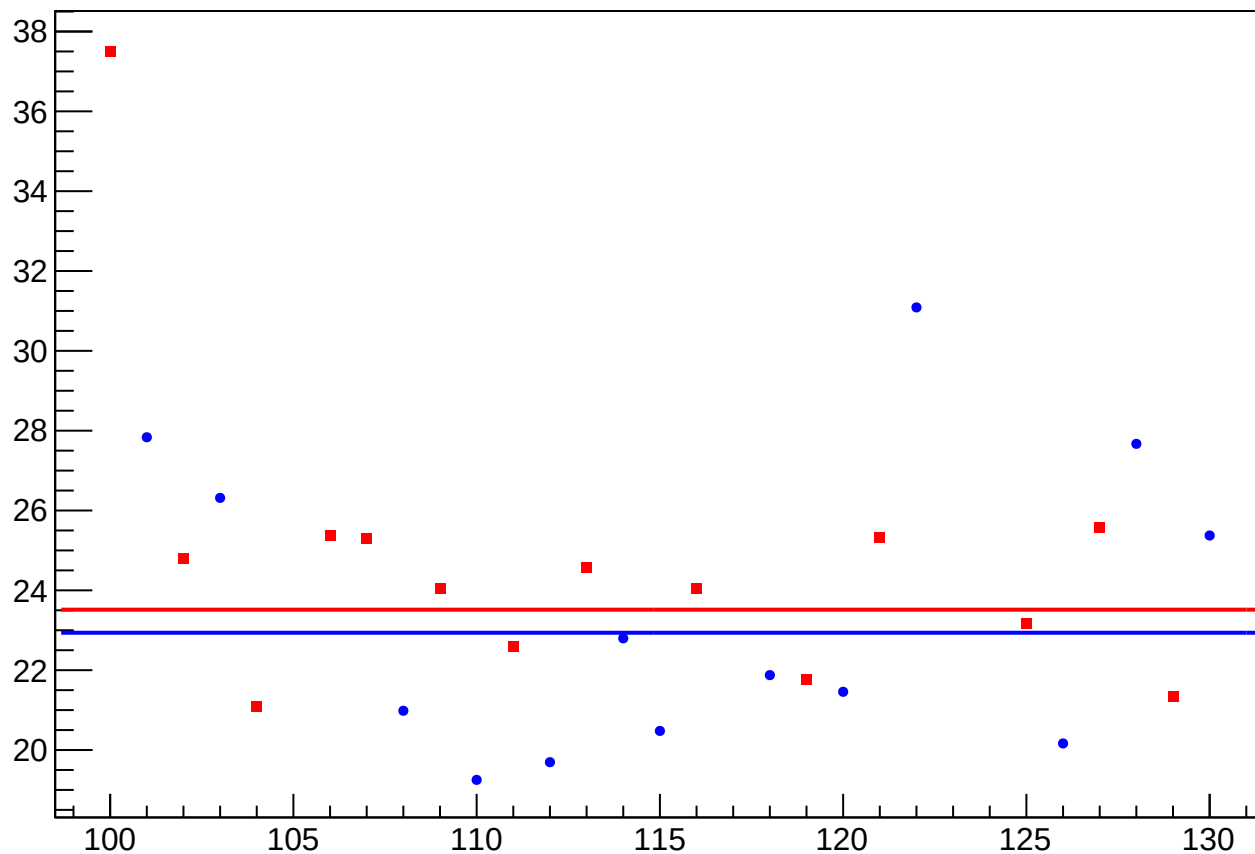
Right: -0.000+/-0.007 χ^2/NDF : 18.7/26

In: 0.003+/-0.010 χ^2/NDF : 5.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.007 χ^2/NDF : 18.7/26

asym_us_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 23.516+/-0.007 χ^2/NDF : 65247.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

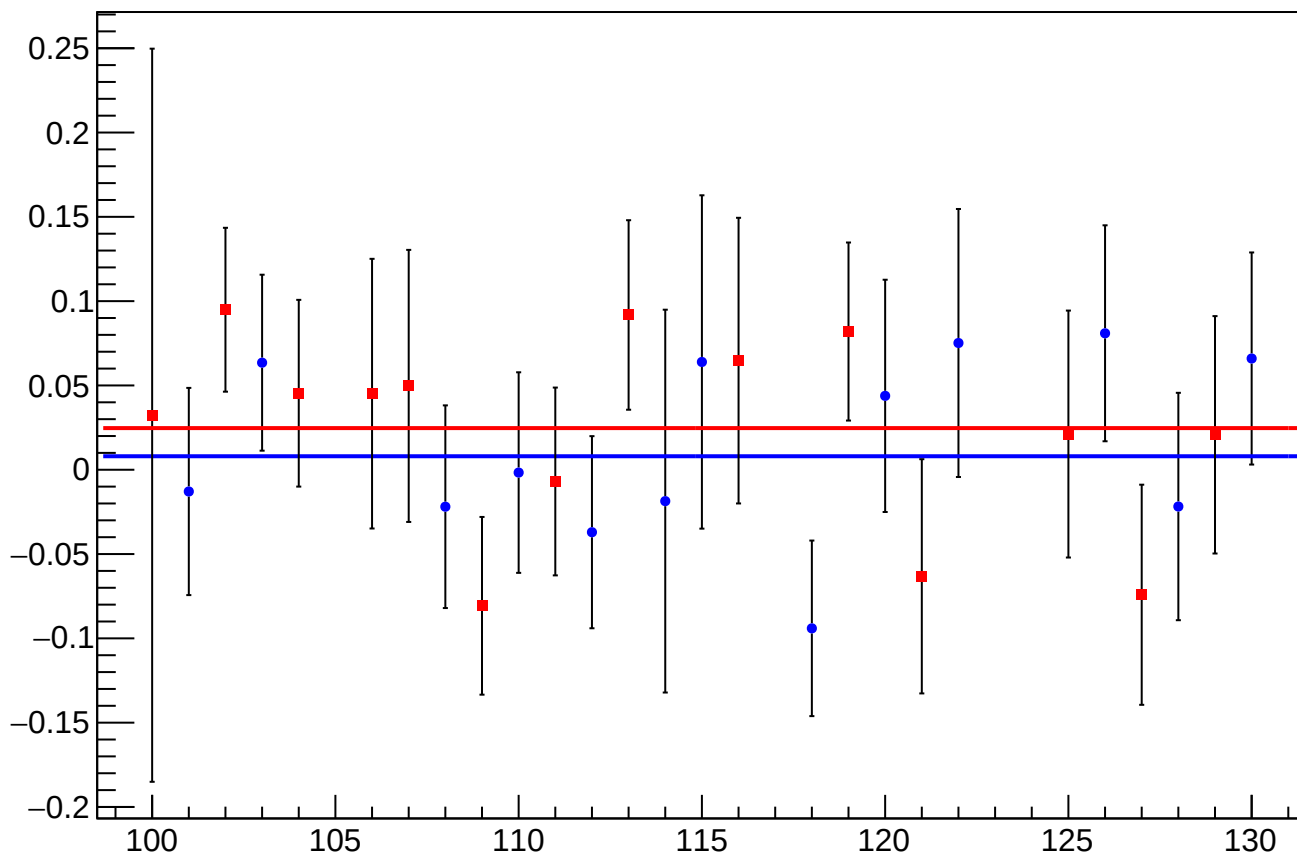
Right: 23.231+/-0.005 χ^2/NDF : 281817.5/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.231+/-0.005 χ^2/NDF : 281817.5/26

asym_us_dd_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008+/-0.018 χ^2/NDF : 9.7/12

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

Right Out: 0.025+/-0.017 χ^2/NDF : 13.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

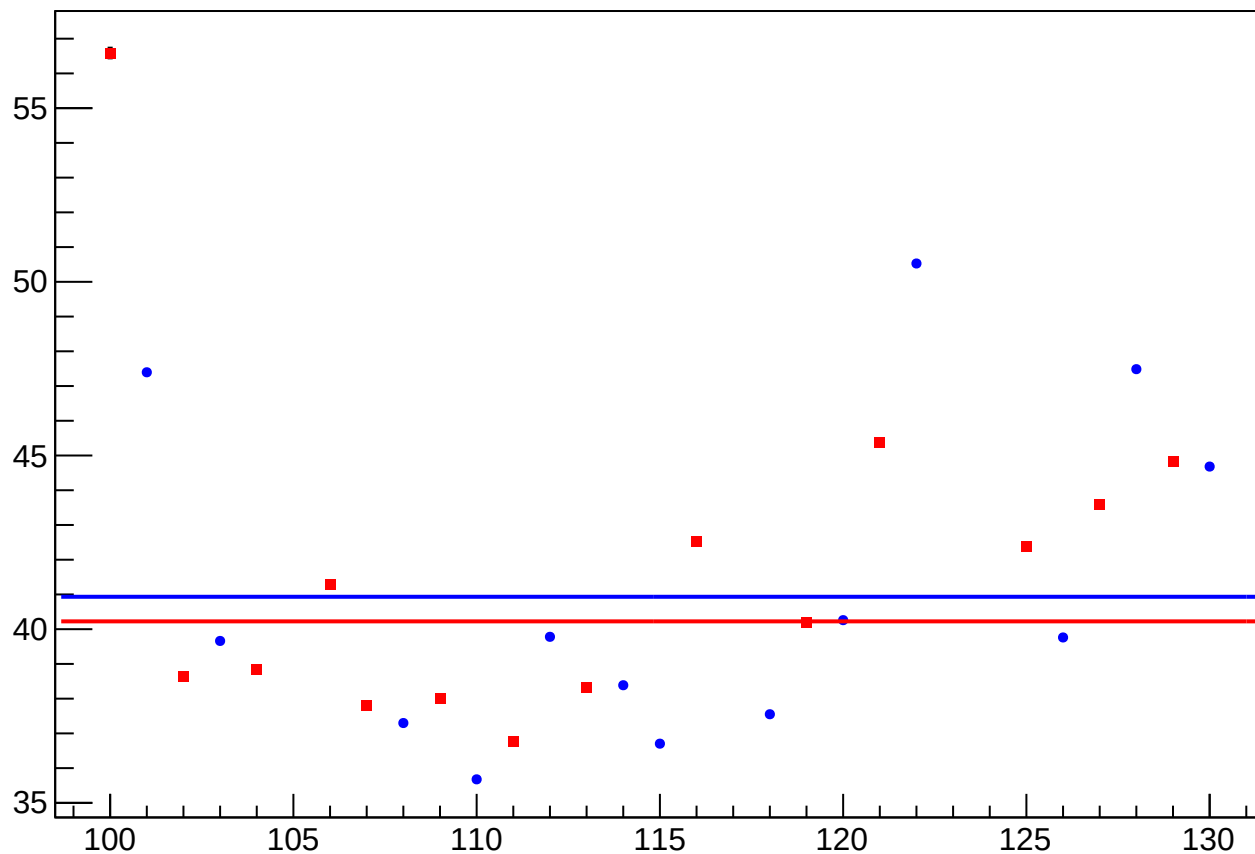
Right: 0.017+/-0.012 χ^2/NDF : 23.6/26

In: 0.008+/-0.018 χ^2/NDF : 9.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.012 χ^2/NDF : 23.6/26

asym_us_dd_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 40.225+/-0.012 χ^2/NDF : 58530.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

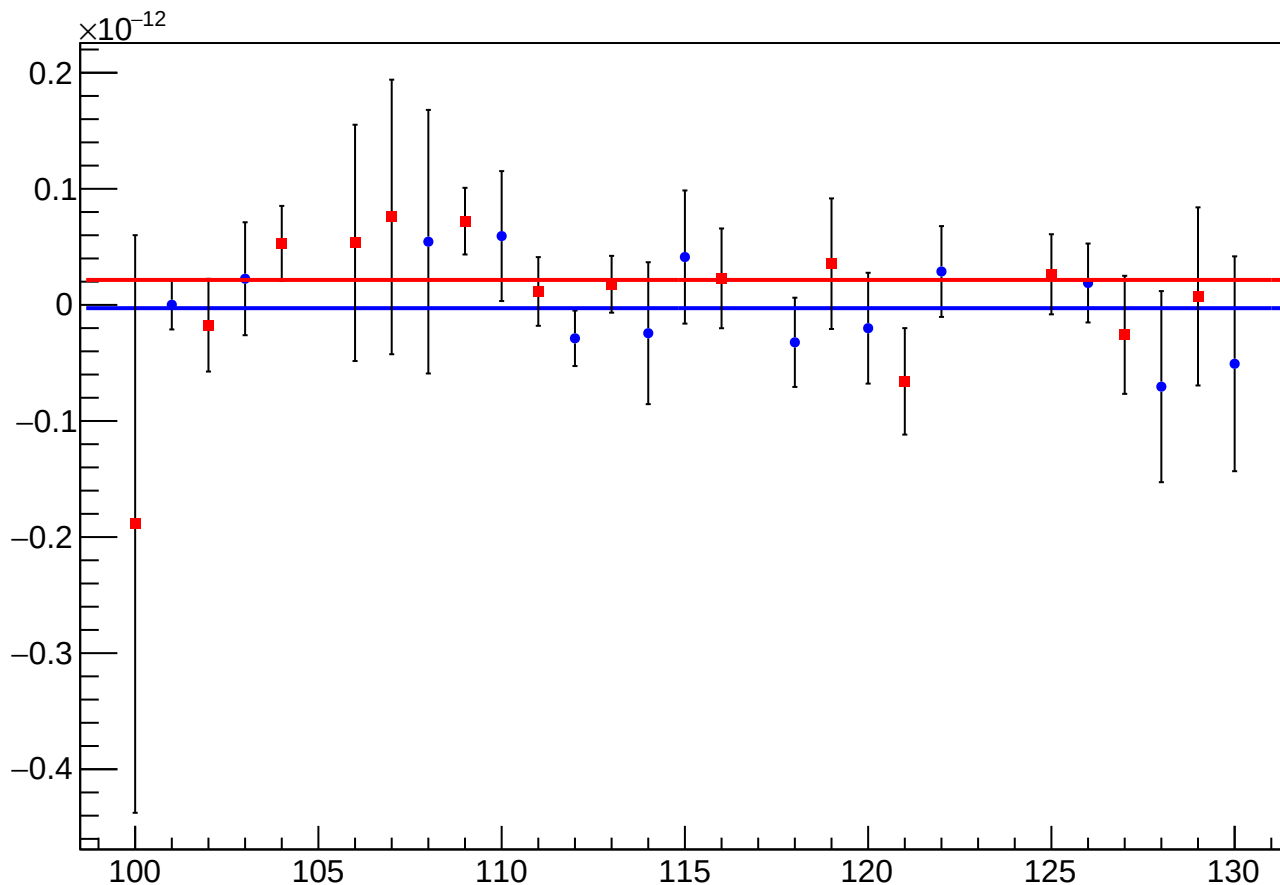
Right: 40.564+/-0.009 χ^2/NDF : 176334.2/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.564+/-0.009 χ^2/NDF : 176334.2/26

asym_us_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 6.4/12

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

Right Out: 0.000+/-0.000 χ^2 /NDF: 10.8/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

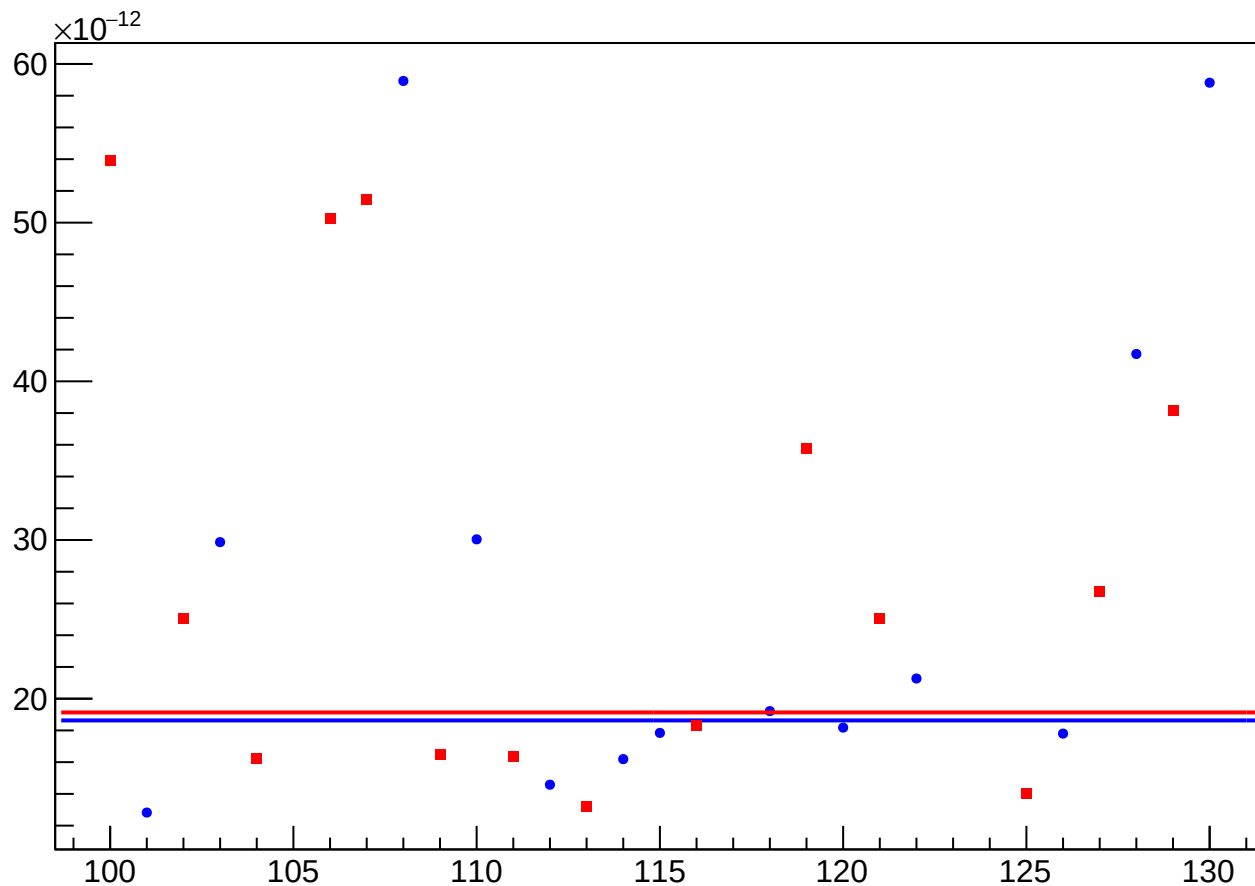
Right: 0.000+/-0.000 χ^2 /NDF: 19.6/26

In: -0.000+/-0.000 χ^2 /NDF:6.4/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 19.6/26

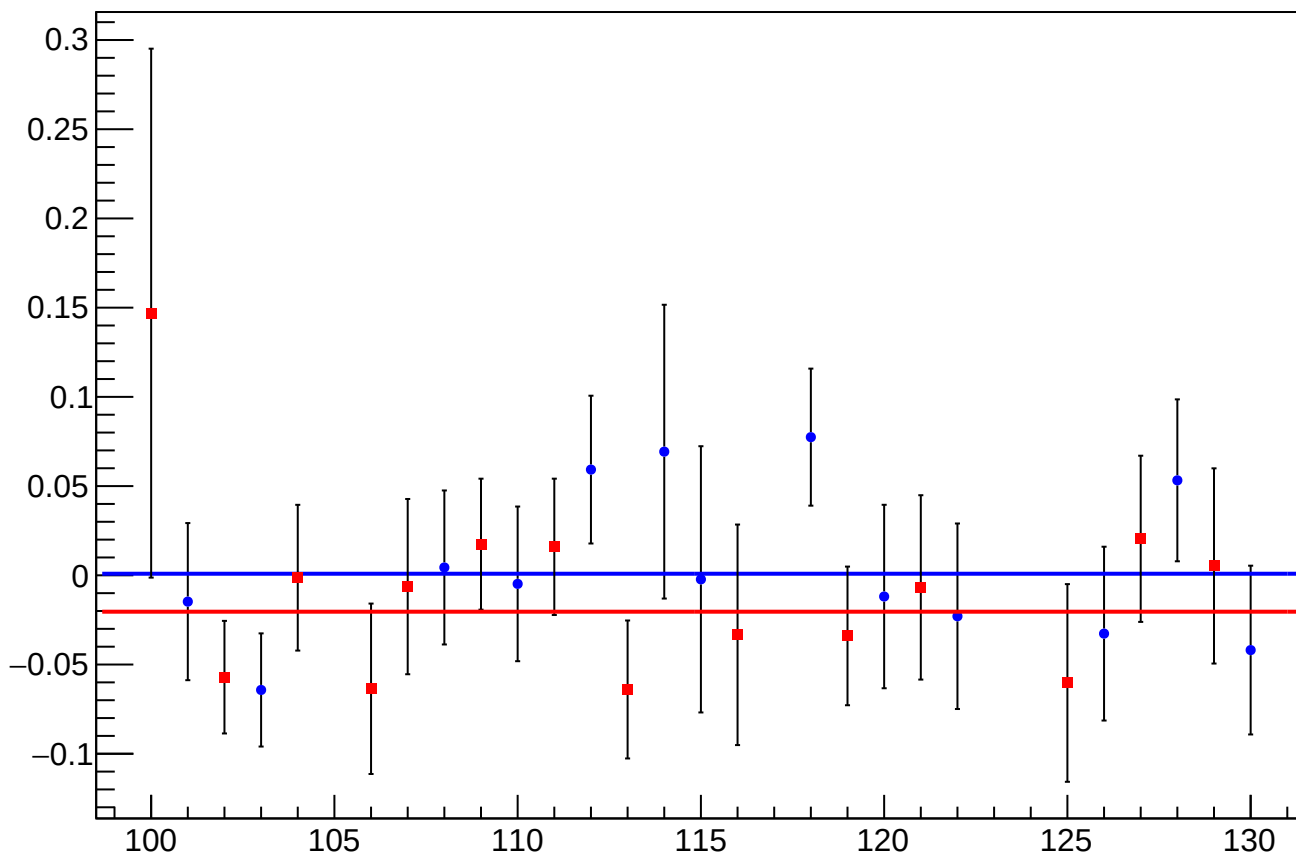
asym_us_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1197644.4/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 1009347.1/13
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 2209107.2/26
 In: 0.000+/-0.000 χ^2/NDF : 1197644.4/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 2209107.2/26

asym_us_dd_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.020 $\pm$ 0.012 χ^2 /NDF: 8.7/13

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

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

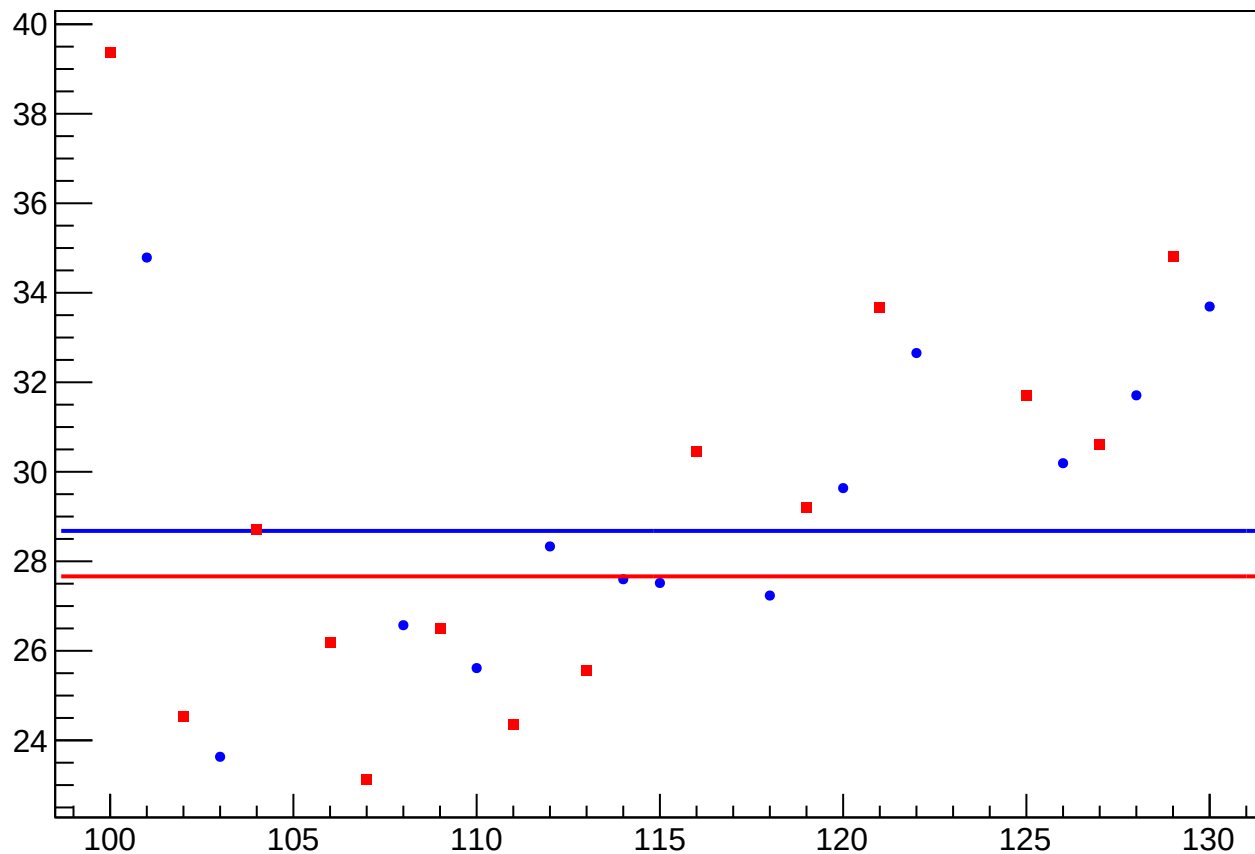
Right: -0.010 $\pm$ 0.009 χ^2 /NDF: 24.1/26

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.010 $\pm$ 0.009 χ^2 /NDF: 24.1/26

asym_us_dd_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 27.663+/-0.008 χ^2/NDF : 162587.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

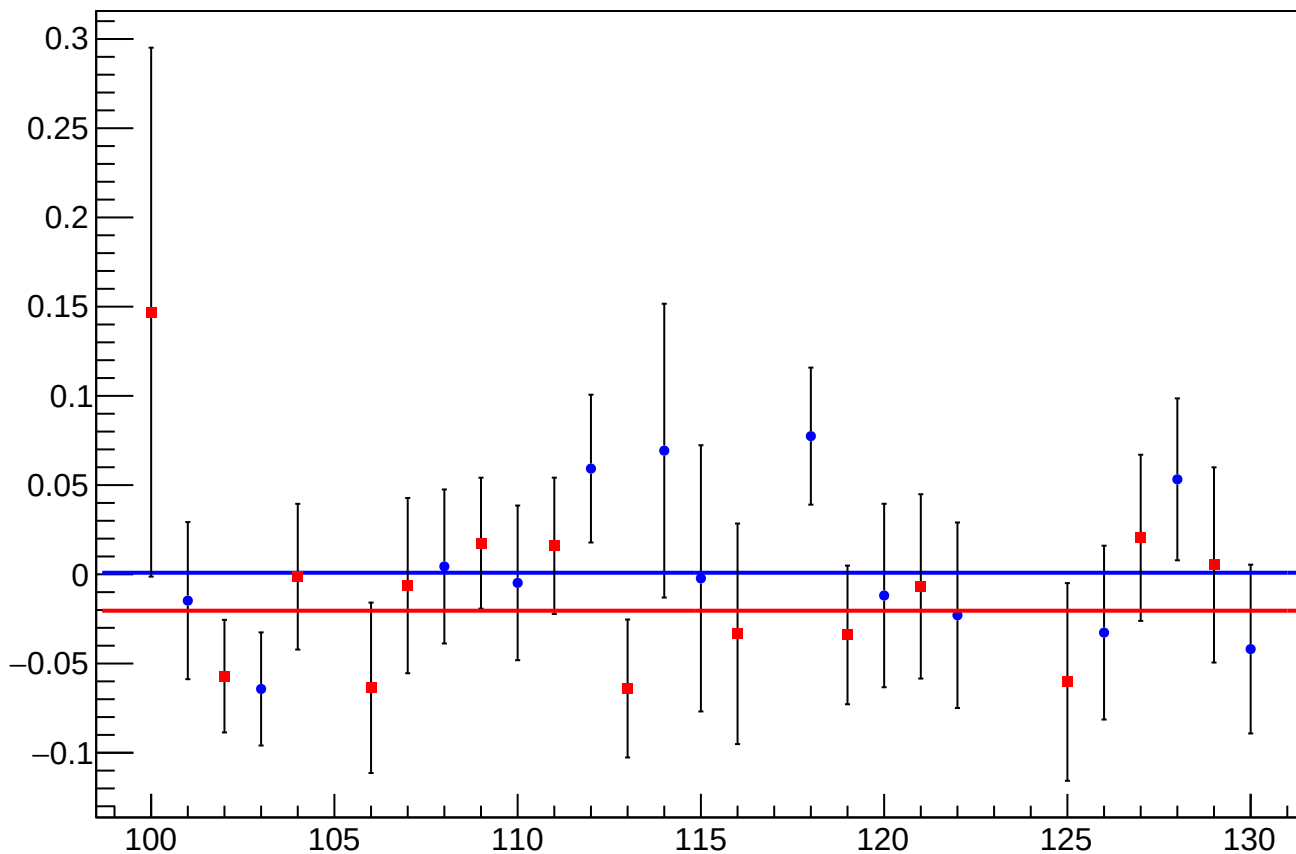
Right: 28.143+/-0.006 χ^2/NDF : 322849.1/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.143+/-0.006 χ^2/NDF : 322849.1/26

asym_us_dd_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.013 χ^2/NDF : 13.9/12

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

Right Out: -0.020+/-0.012 χ^2/NDF : 8.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

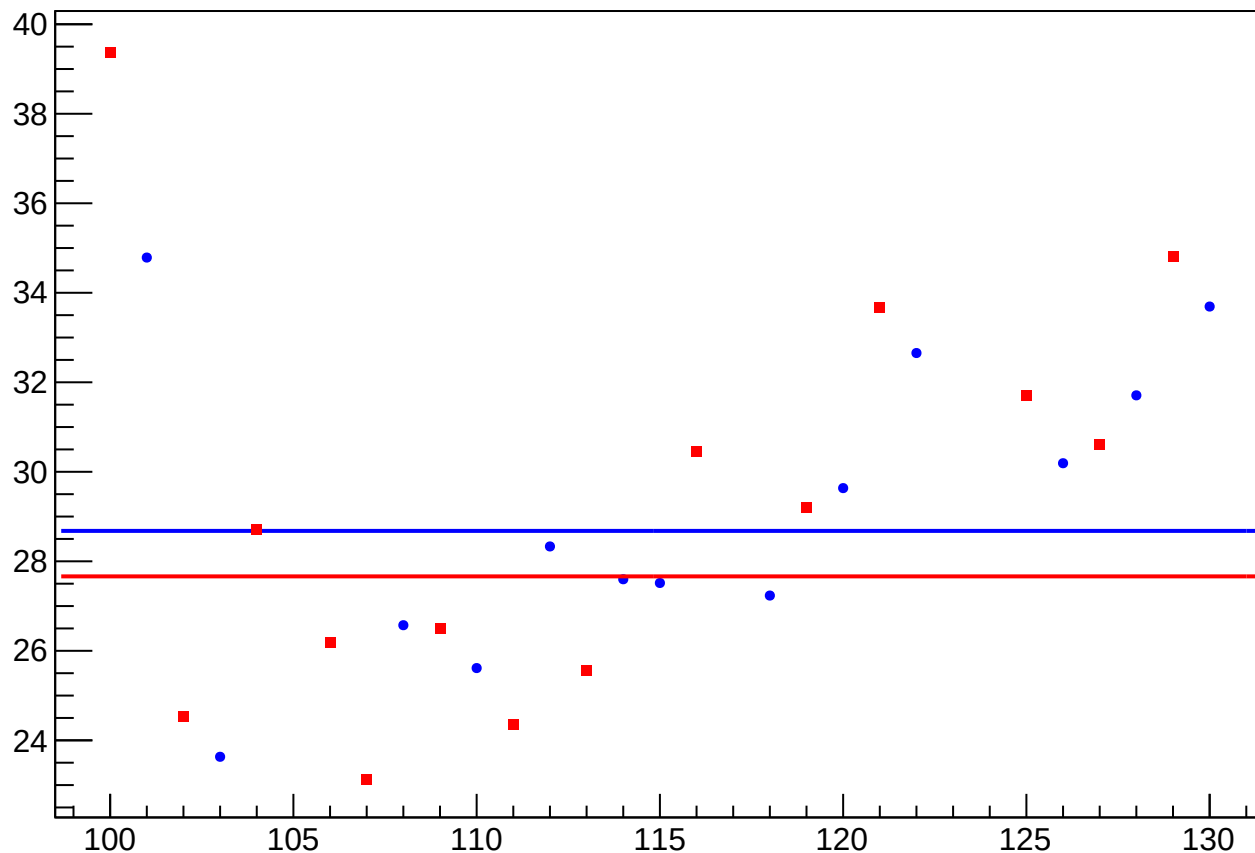
Right: -0.010+/-0.009 χ^2/NDF : 24.1/26

In: 0.001+/-0.013 χ^2/NDF : 13.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.009 χ^2/NDF : 24.1/26

asym_us_dd_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 27.663 $\pm$ 0.008 χ^2 /NDF: 162587.8/13

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

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

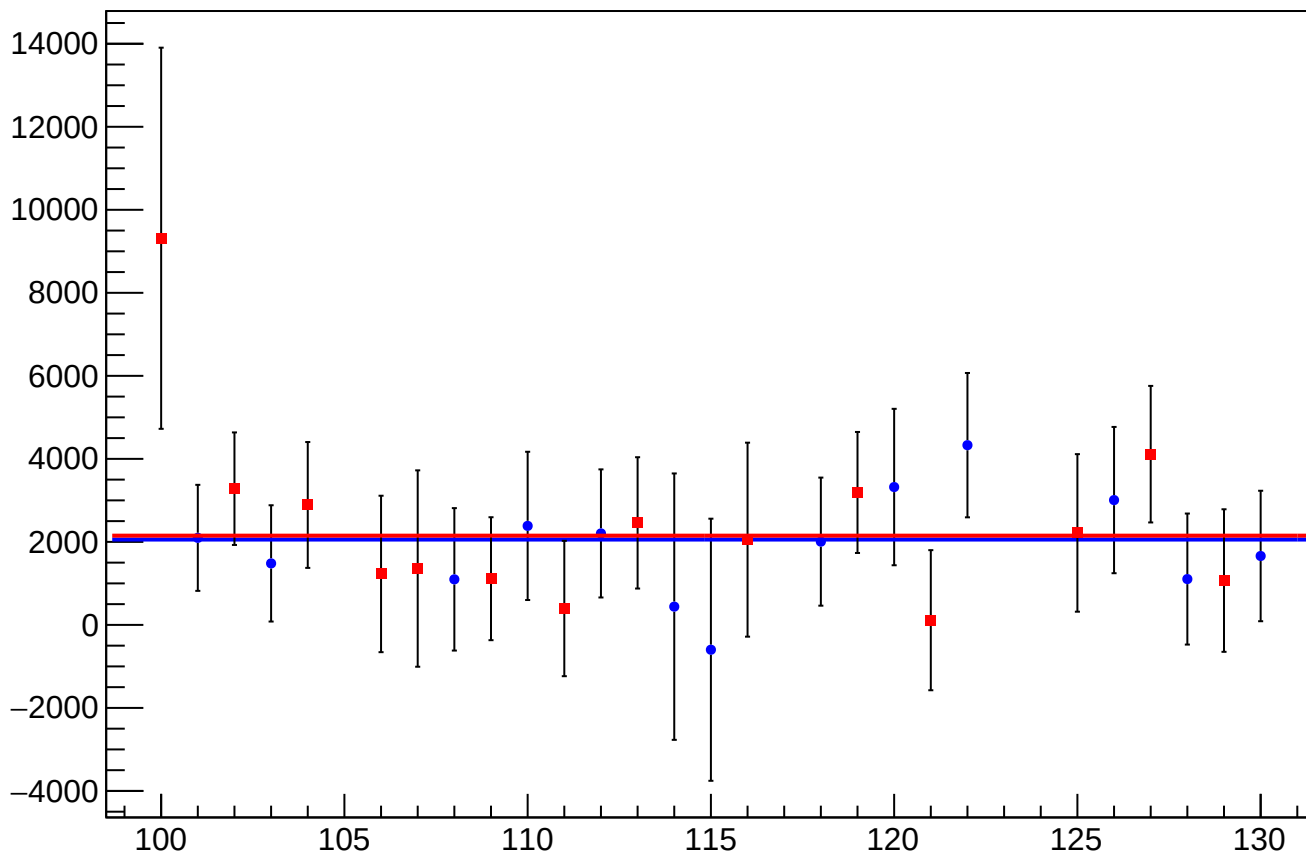
Right: 28.143 $\pm$ 0.006 χ^2 /NDF: 322849.1/26

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 28.143 $\pm$ 0.006 χ^2 /NDF: 322849.1/26

reg_asym_usl_mean vs Slug, Sign Corrected



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

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

Right Out: 2149.889+/-460.776 χ^2/NDF : 9.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

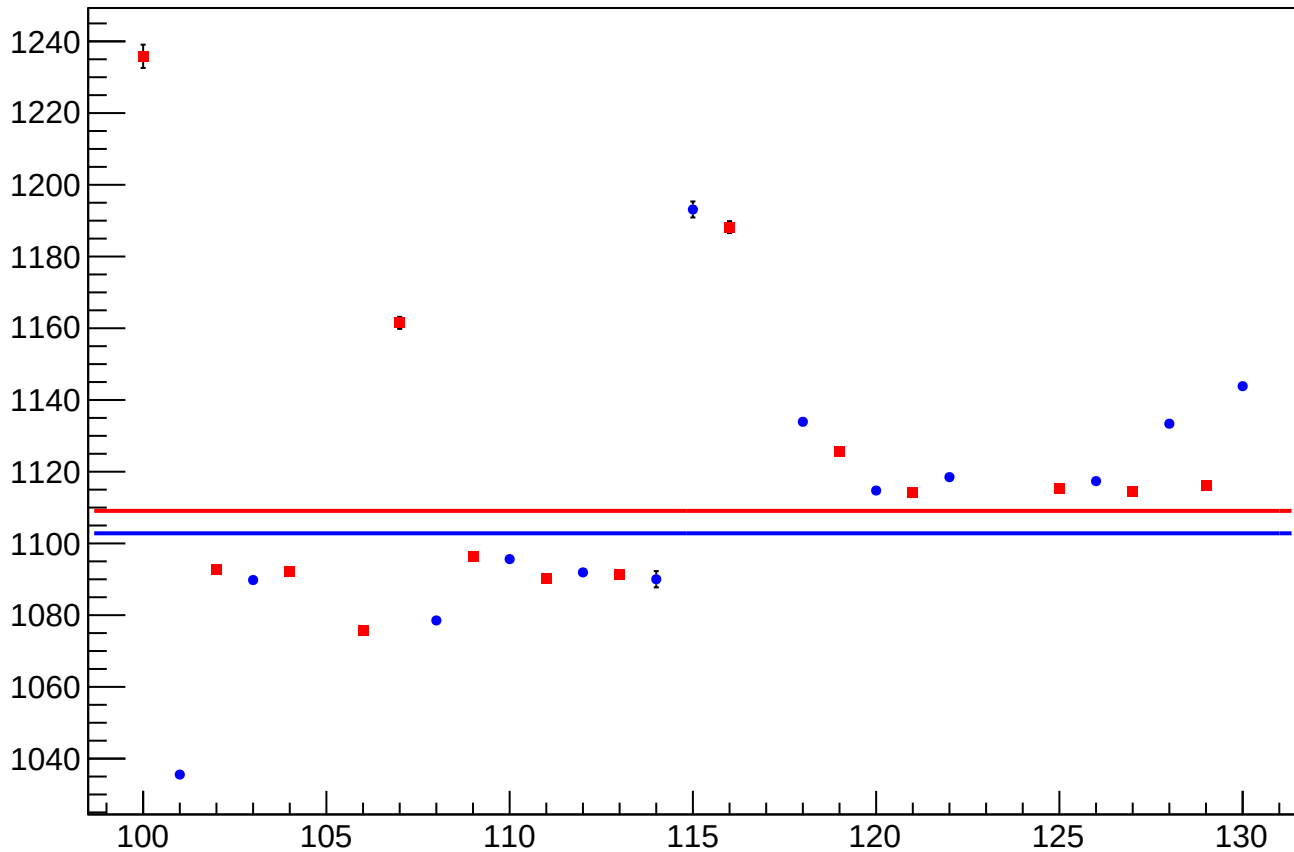
Right: 2103.751+/-328.543 χ^2/NDF : 13.6/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2103.751+/-328.543 χ^2/NDF : 13.6/26

reg_asym_usl_rms vs Slug, Sign Corrected



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

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

Right Out: 1109.083+/-0.326 χ^2/NDF : 6979.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

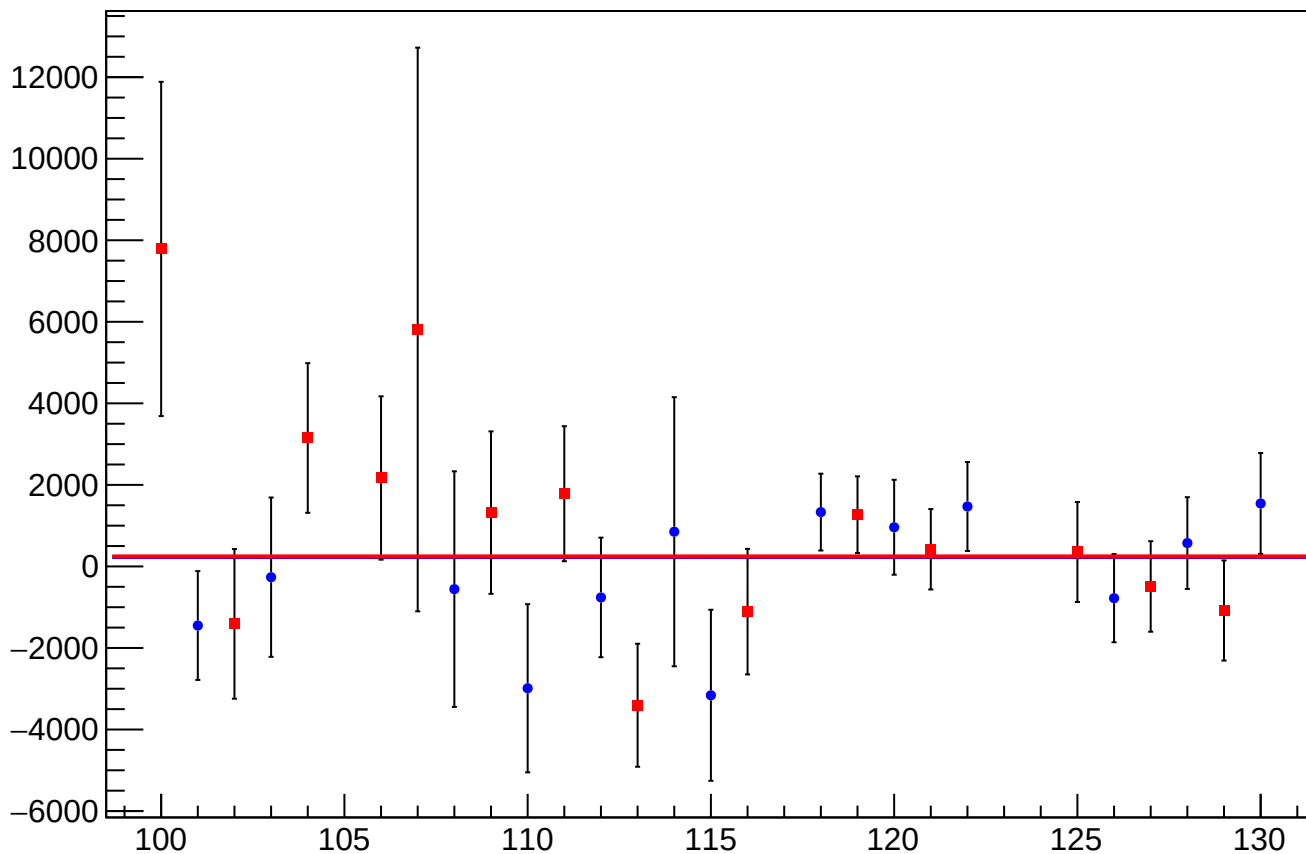
Right: 1106.008+/-0.232 χ^2/NDF : 18388.5/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1106.008+/-0.232 χ^2/NDF : 18388.5/26

asym_usl_reg_correction_mean vs Slug, Sign Corrected



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

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

Right Out: 245.545 $\pm$ 386.369 χ^2 /NDF: 18.9/13

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

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

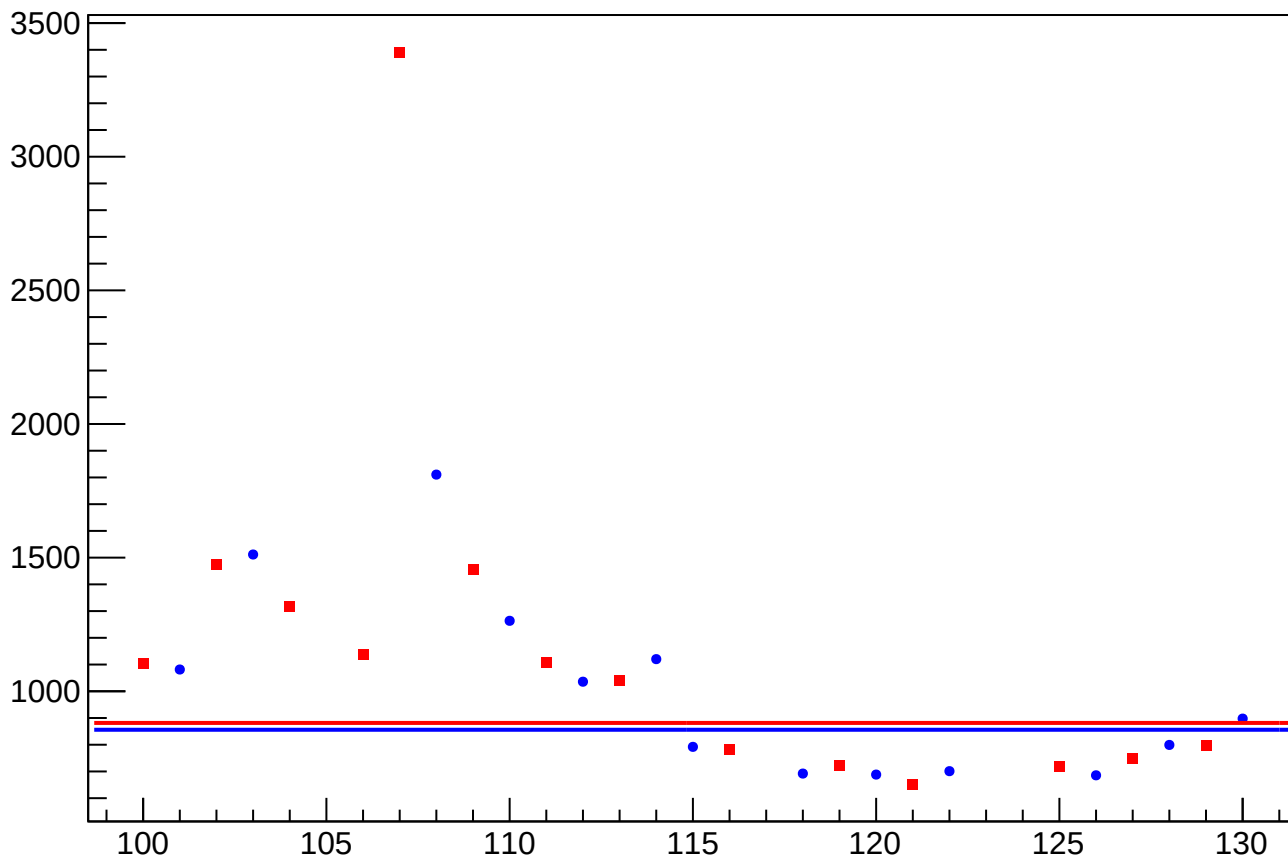
Right: 237.453 $\pm$ 270.509 χ^2 /NDF: 31.3/26

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 237.453 $\pm$ 270.509 χ^2 /NDF: 31.3/26

asym_usl_reg_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 881.546+/-0.273 χ^2/NDF : 1094985.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

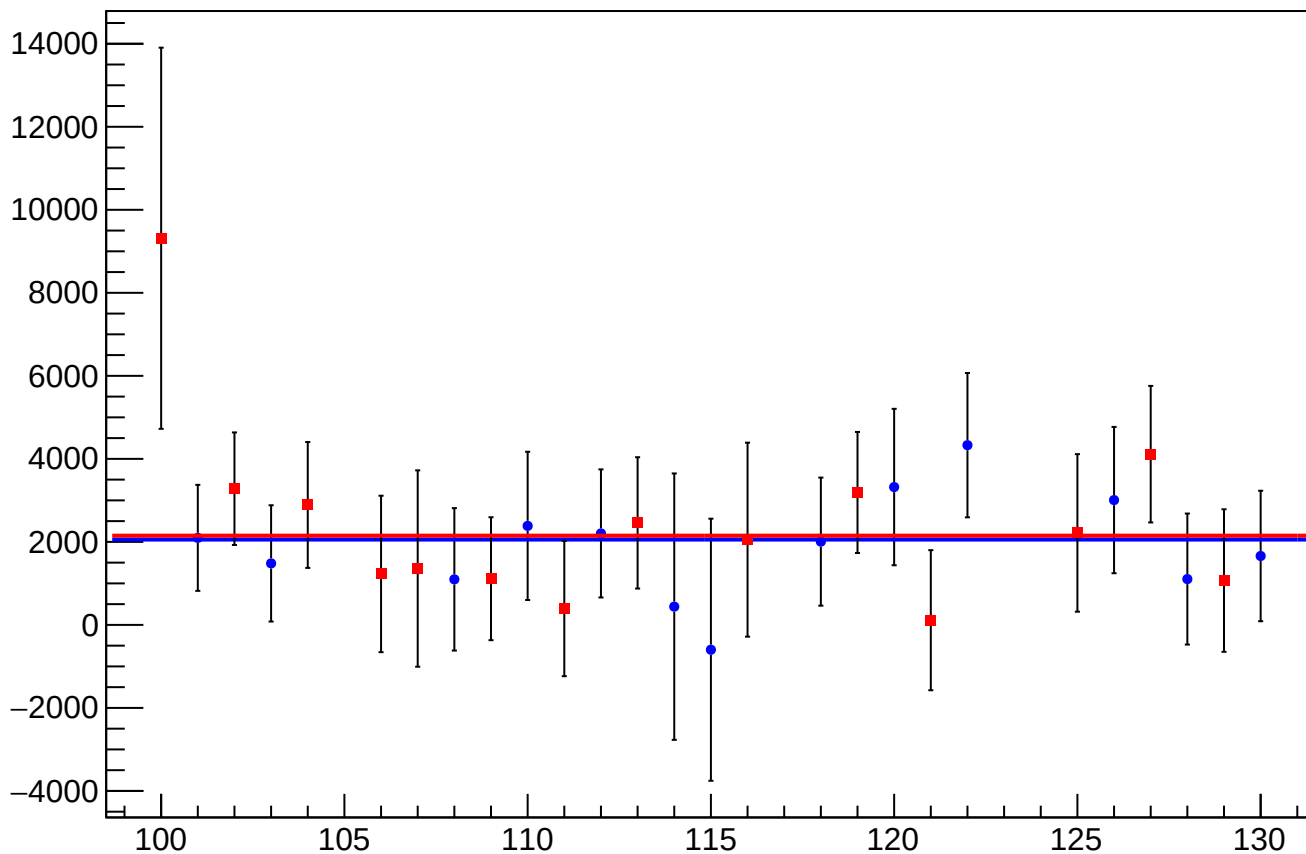
Right: 868.515+/-0.191 χ^2/NDF : 1922316.4/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 868.515+/-0.191 χ^2/NDF : 1922316.4/26

cor_asym_usl_mean vs Slug, Sign Corrected



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

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

Right Out: 2149.889+/-460.776 χ^2/NDF : 9.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

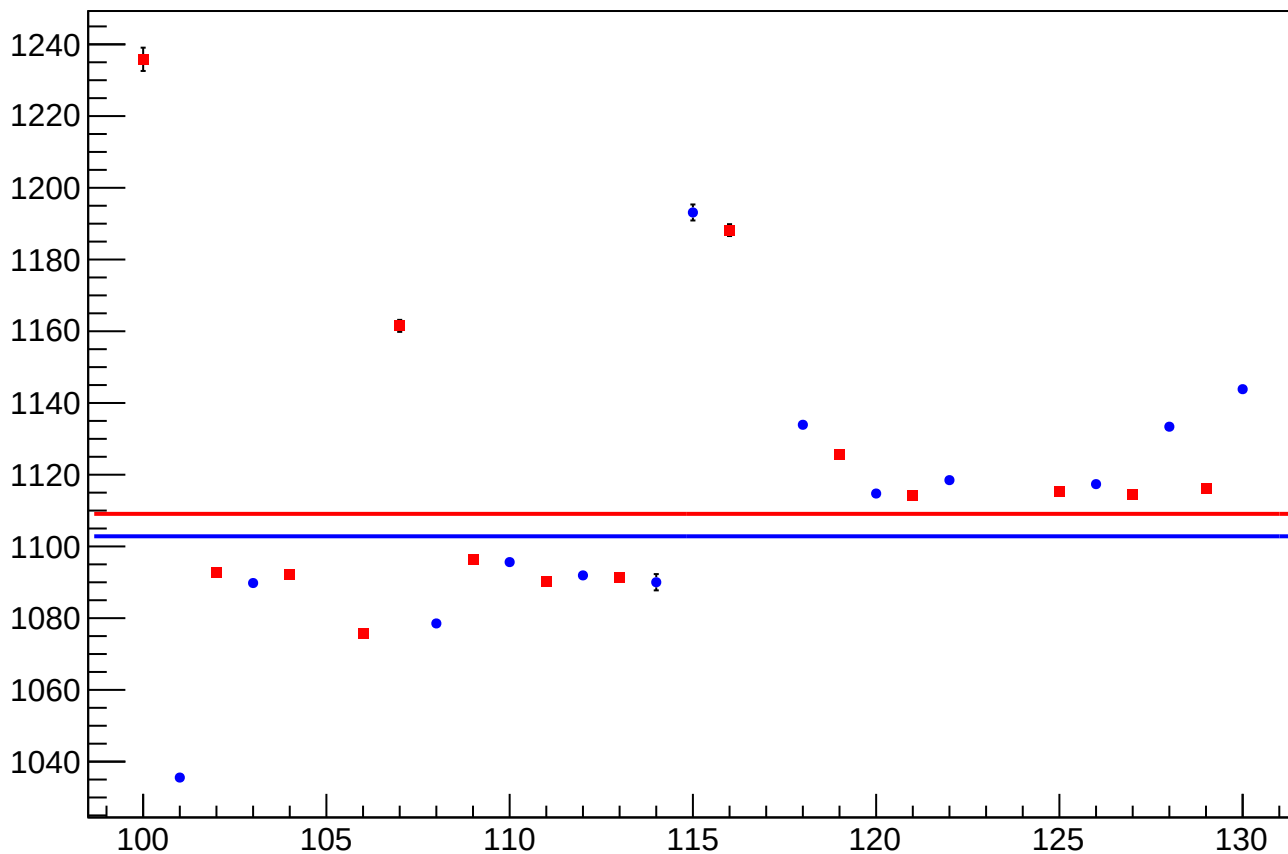
Right: 2103.751+/-328.543 χ^2/NDF : 13.6/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2103.751+/-328.543 χ^2/NDF : 13.6/26

cor_asym_usl_rms vs Slug, Sign Corrected



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

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

Right Out: 1109.083+/-0.326 χ^2/NDF : 6979.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

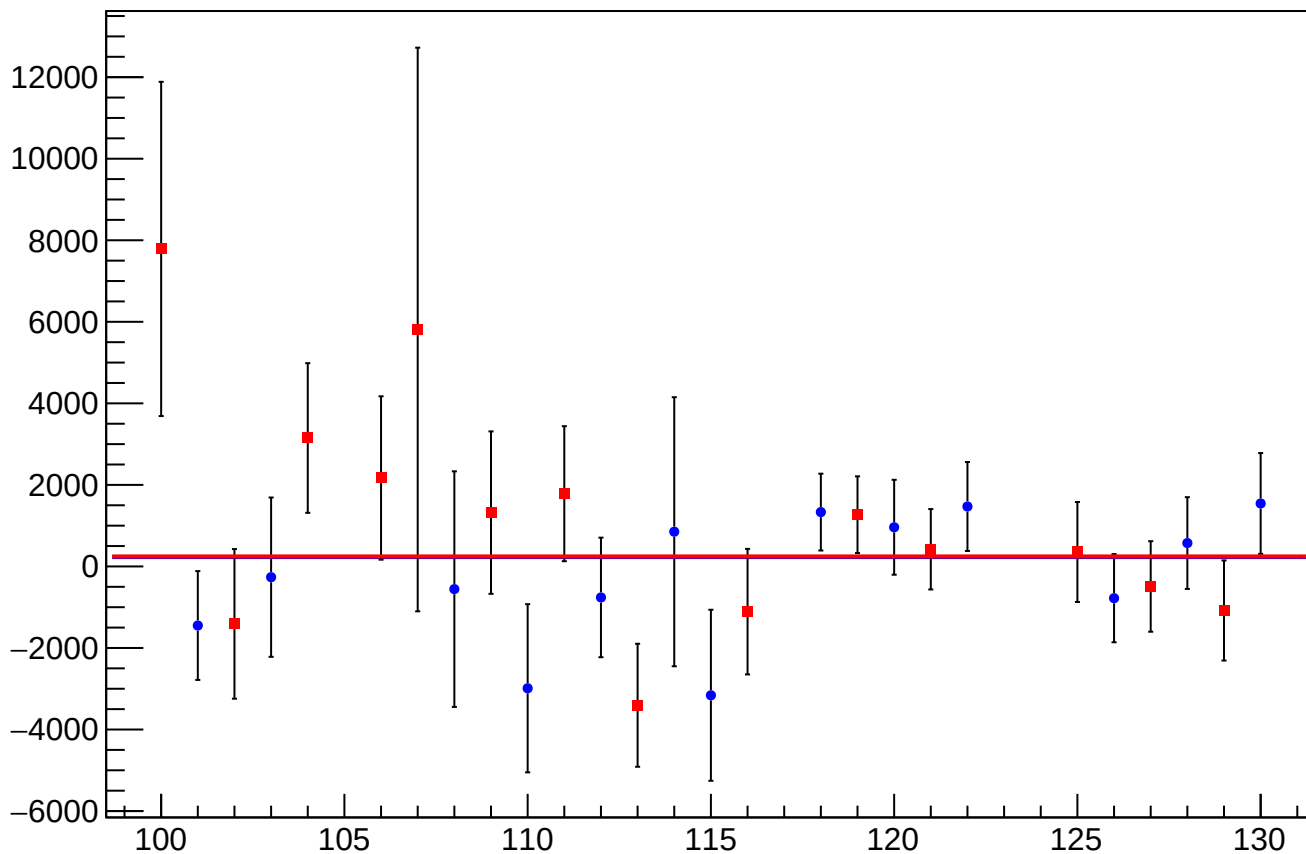
Right: 1106.008+/-0.232 χ^2/NDF : 18388.5/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1106.008+/-0.232 χ^2/NDF : 18388.5/26

asym_usl_cor_correction_mean vs Slug, Sign Corrected



Right In: 229.671+/-378.857 χ^2/NDF : 12.4/12

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

Right Out: 245.545+/-386.369 χ^2/NDF : 18.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

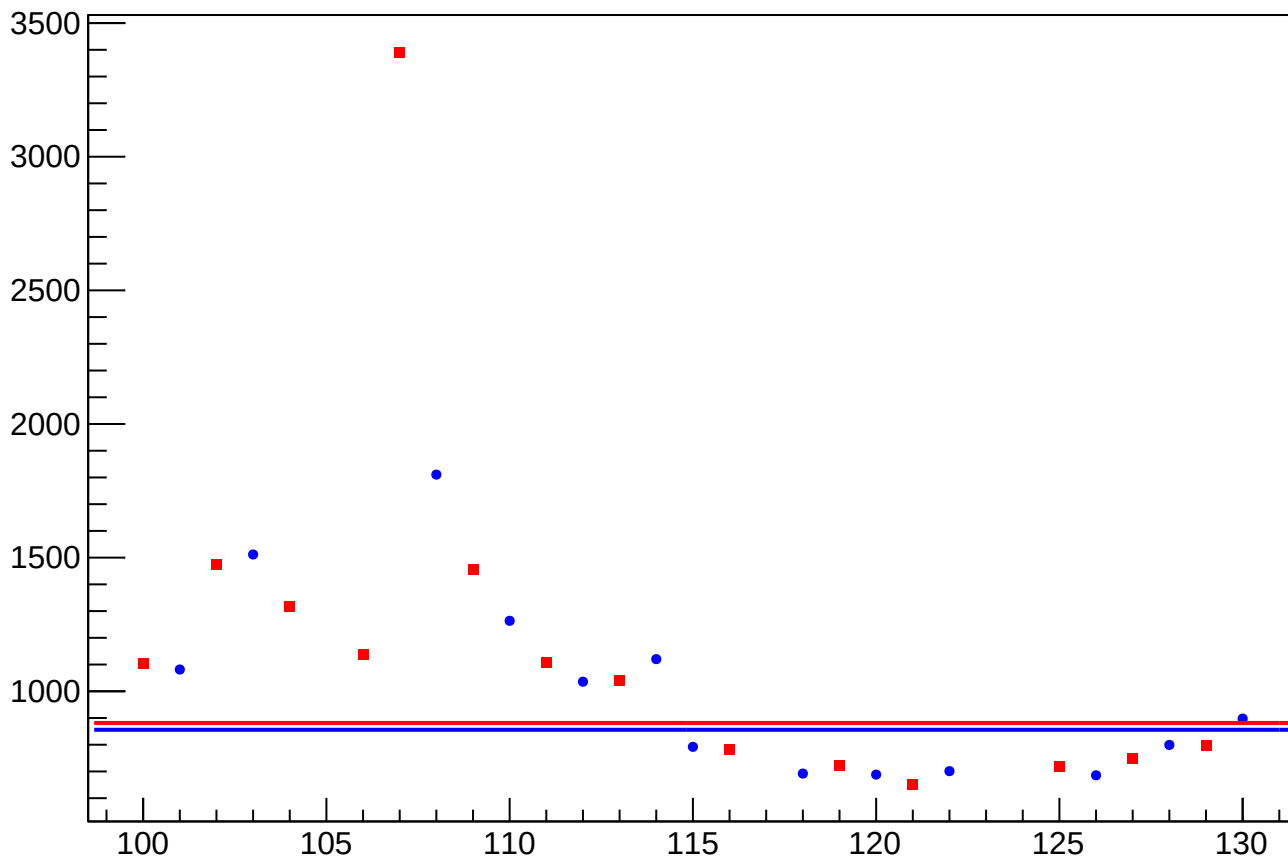
Right: 237.453+/-270.509 χ^2/NDF : 31.3/26

In: 229.671+/-378.857 χ^2/NDF : 12.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 237.453+/-270.509 χ^2/NDF : 31.3/26

asym_usl_cor_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 881.546+/-0.273 χ^2/NDF : 1094985.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

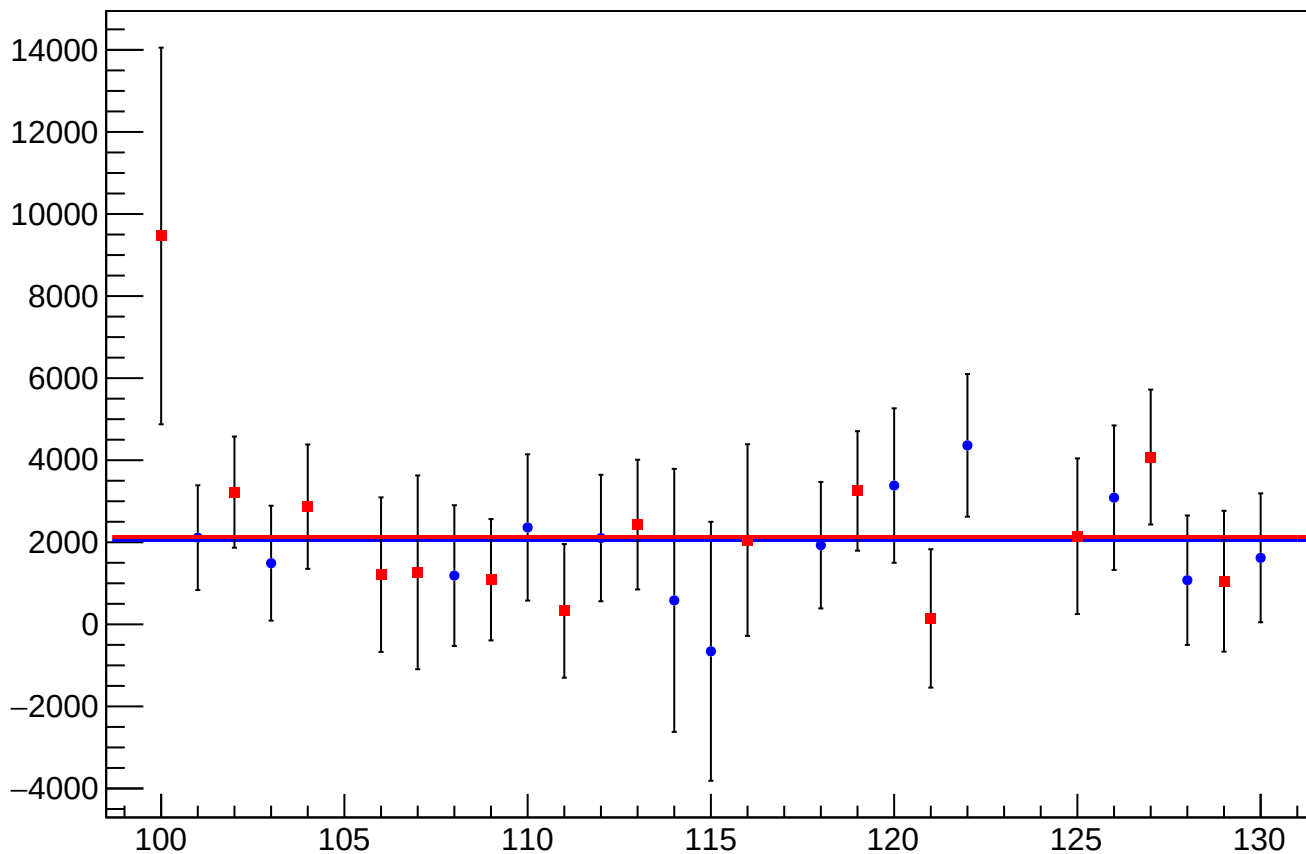
Right: 868.515+/-0.191 χ^2/NDF : 1922316.4/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 868.515+/-0.191 χ^2/NDF : 1922316.4/26

overload_cor_asym_usl_mean vs Slug, Sign Corrected



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

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

Right Out: 2128.285+/-460.401 χ^2/NDF : 9.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

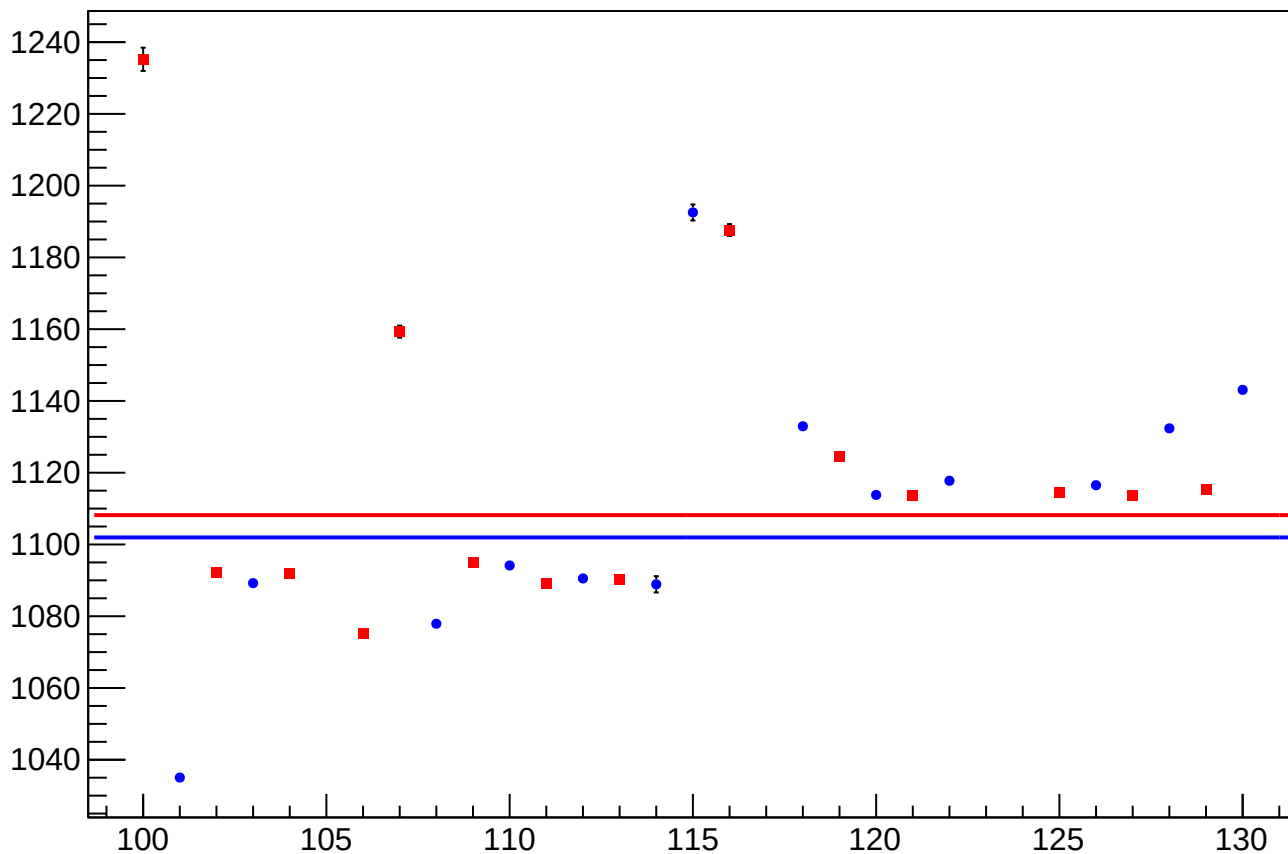
Right: 2092.553+/-328.280 χ^2/NDF : 13.8/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2092.553+/-328.280 χ^2/NDF : 13.8/26

overload_cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1101.962+/-0.331 χ^2/NDF : 11189.0/12

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

Right Out: 1108.182+/-0.326 χ^2/NDF : 6955.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

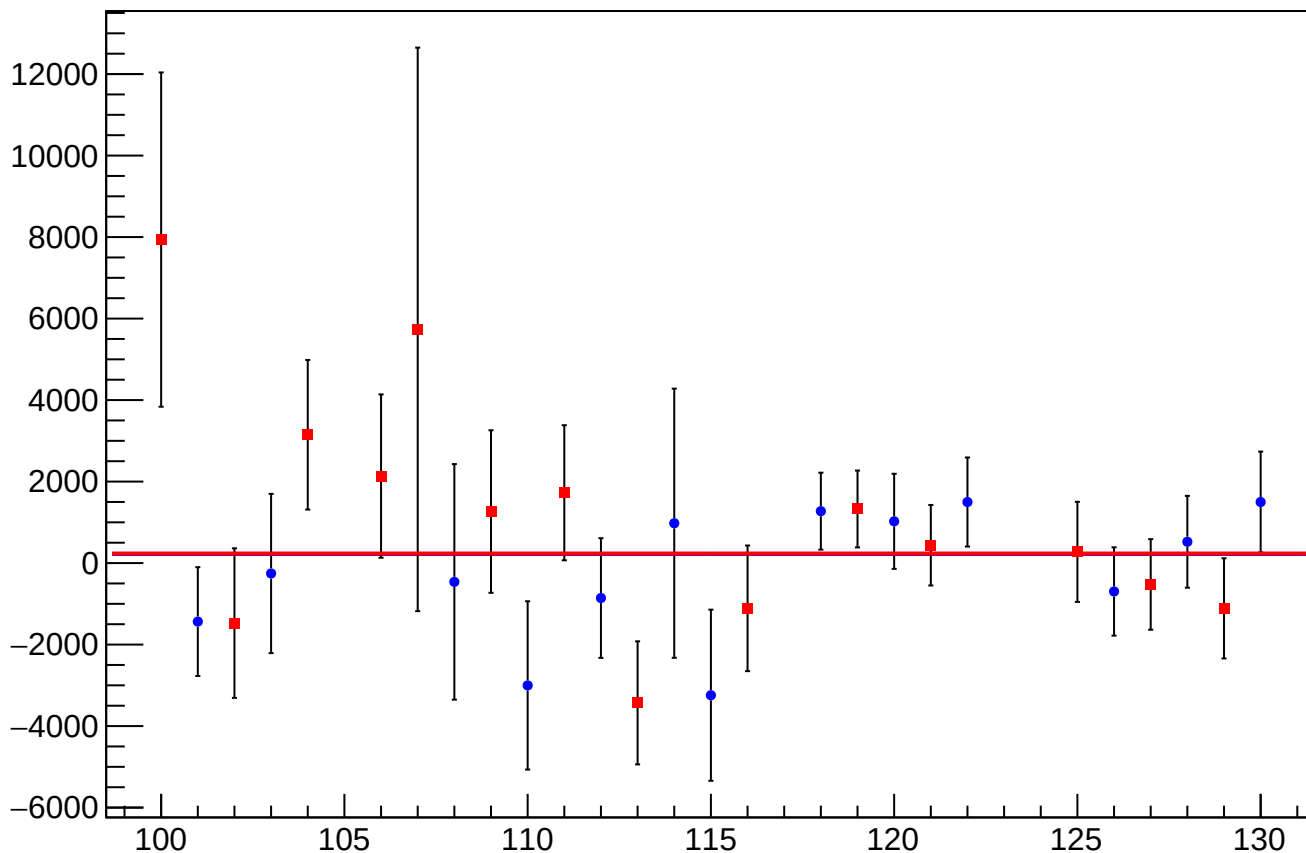
Right: 1105.124+/-0.232 χ^2/NDF : 18323.7/26

In: 1101.962+/-0.331 χ^2/NDF : 11189.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1105.124+/-0.232 χ^2/NDF : 18323.7/26

asym_usl_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 224.529+/-379.460 χ^2/NDF : 12.3/12

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

Right Out: 233.385+/-386.940 χ^2/NDF : 19.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

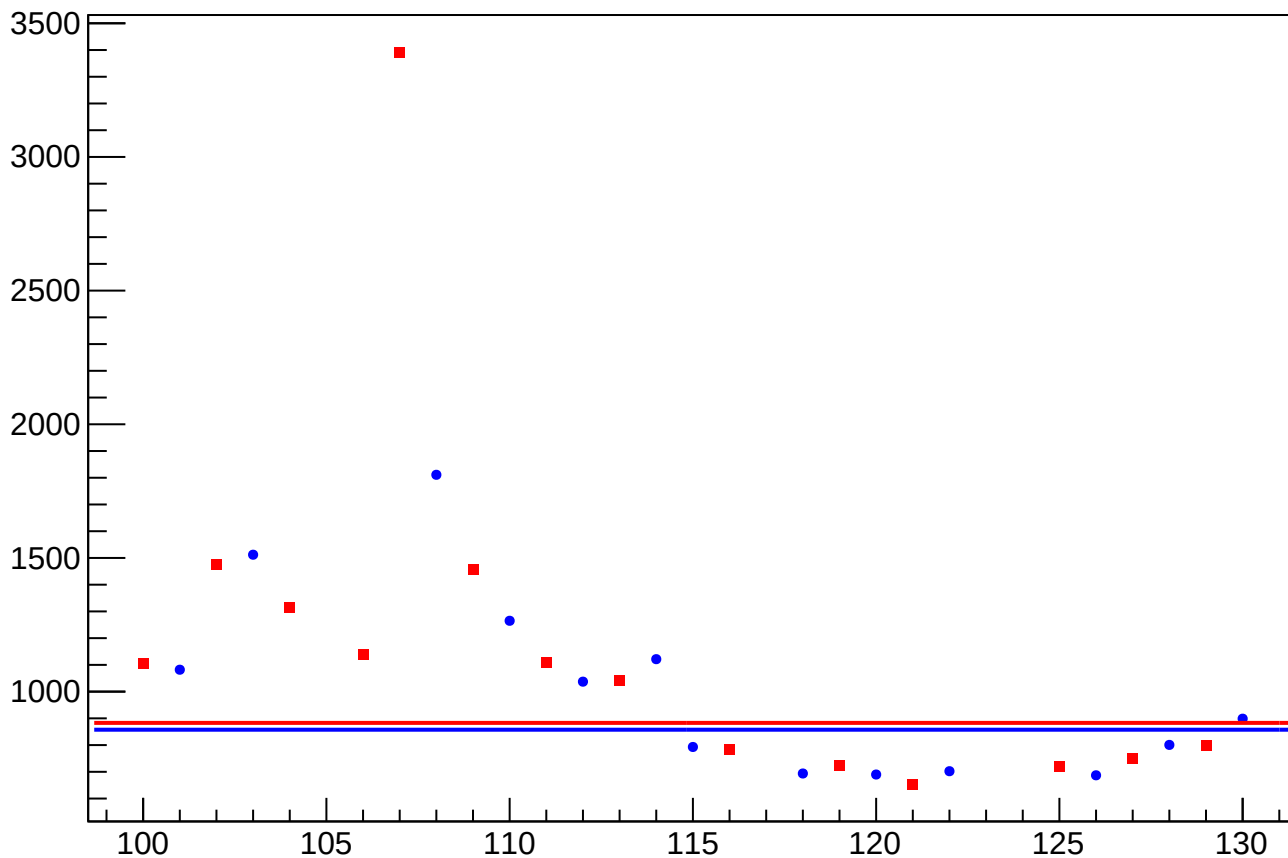
Right: 228.870+/-270.924 χ^2/NDF : 31.6/26

In: 224.529+/-379.460 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.870+/-270.924 χ^2/NDF : 31.6/26

asym_usl_overload_cor_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 883.001+/-0.274 χ^2/NDF : 1091603.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

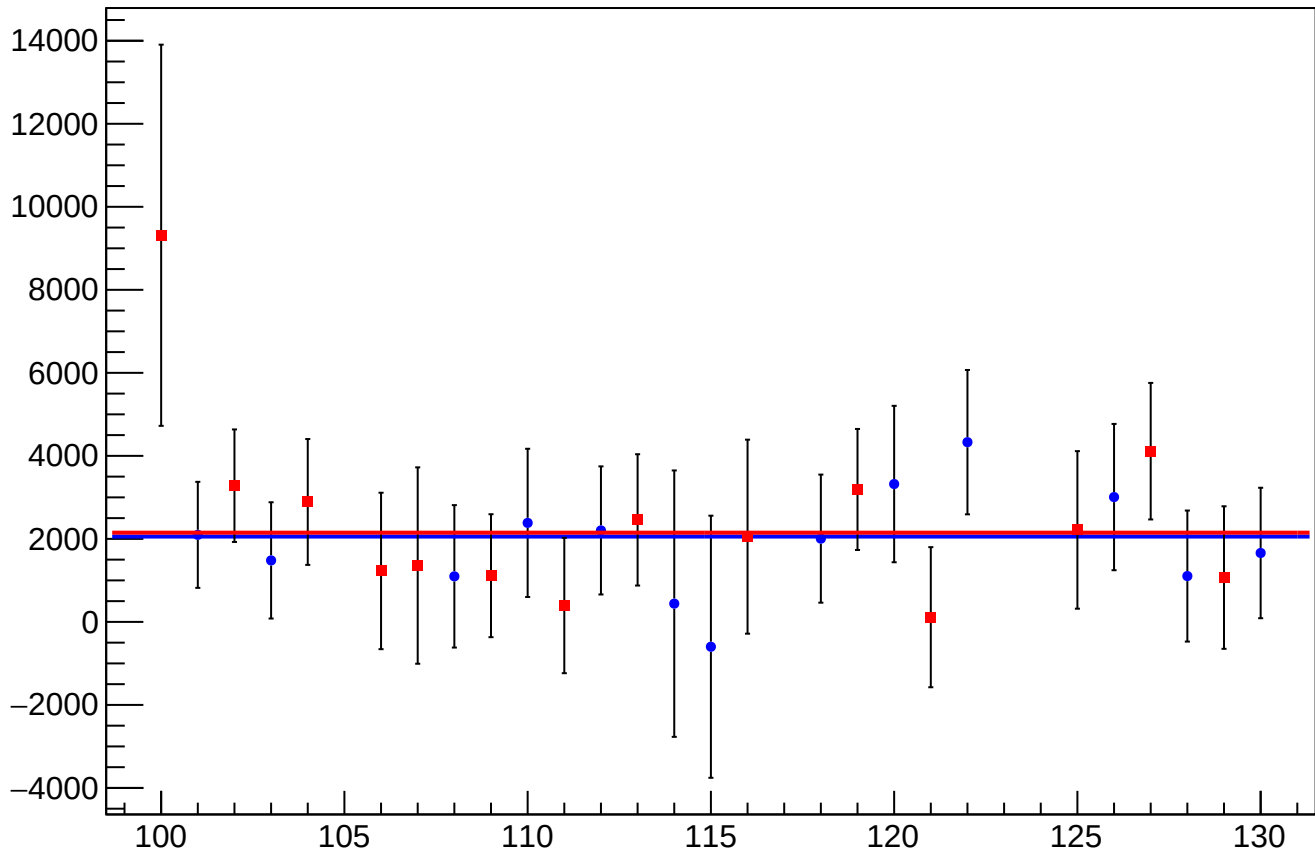
Right: 869.994+/-0.192 χ^2/NDF : 1915773.6/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 869.994+/-0.192 χ^2/NDF : 1915773.6/26

eigen_cor_asym_usl_mean vs Slug, Sign Corrected



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

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

Right Out: 2149.889+/-460.776 χ^2/NDF : 9.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

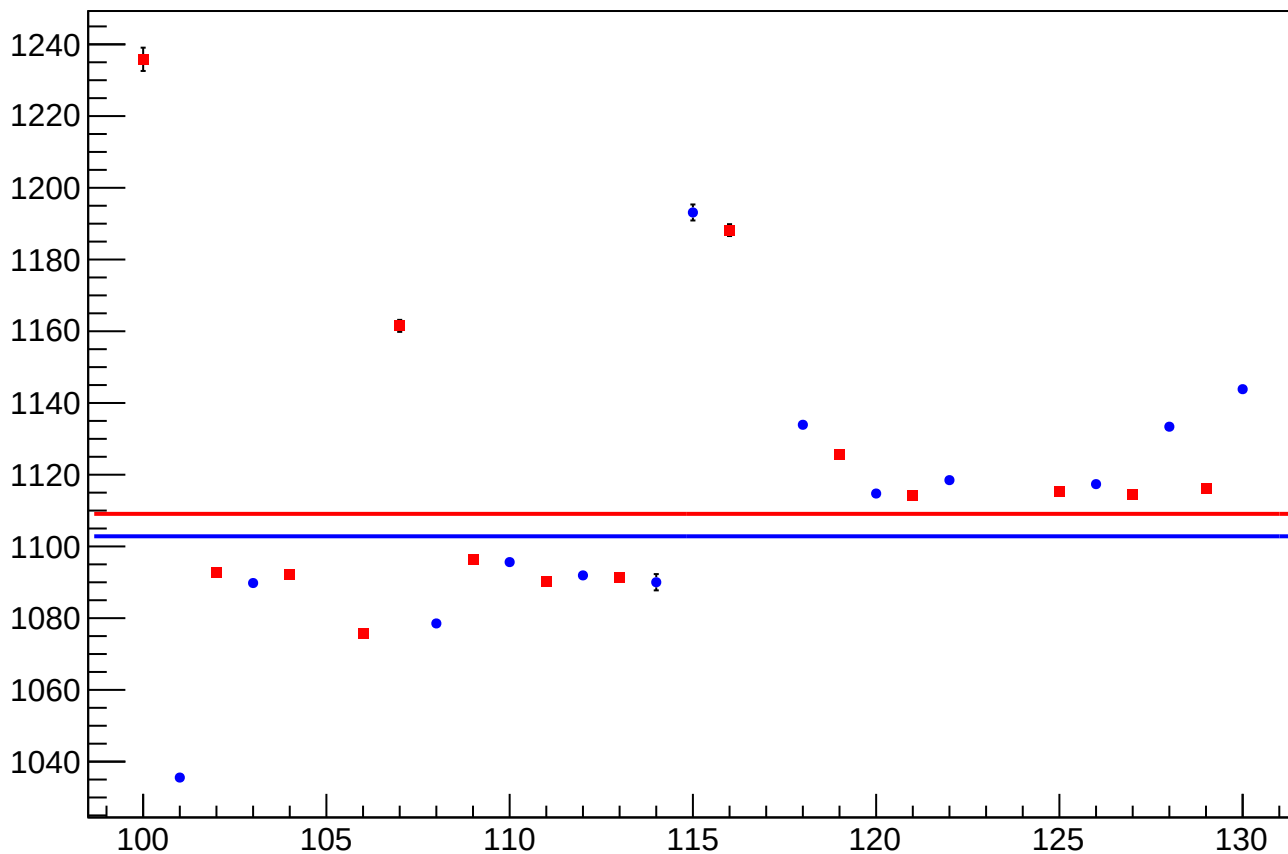
Right: 2103.751+/-328.543 χ^2/NDF : 13.6/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2103.751+/-328.543 χ^2/NDF : 13.6/26

eigen_cor_asym_usl_rms vs Slug, Sign Corrected



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

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

Right Out: 1109.083+/-0.326 χ^2/NDF : 6979.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

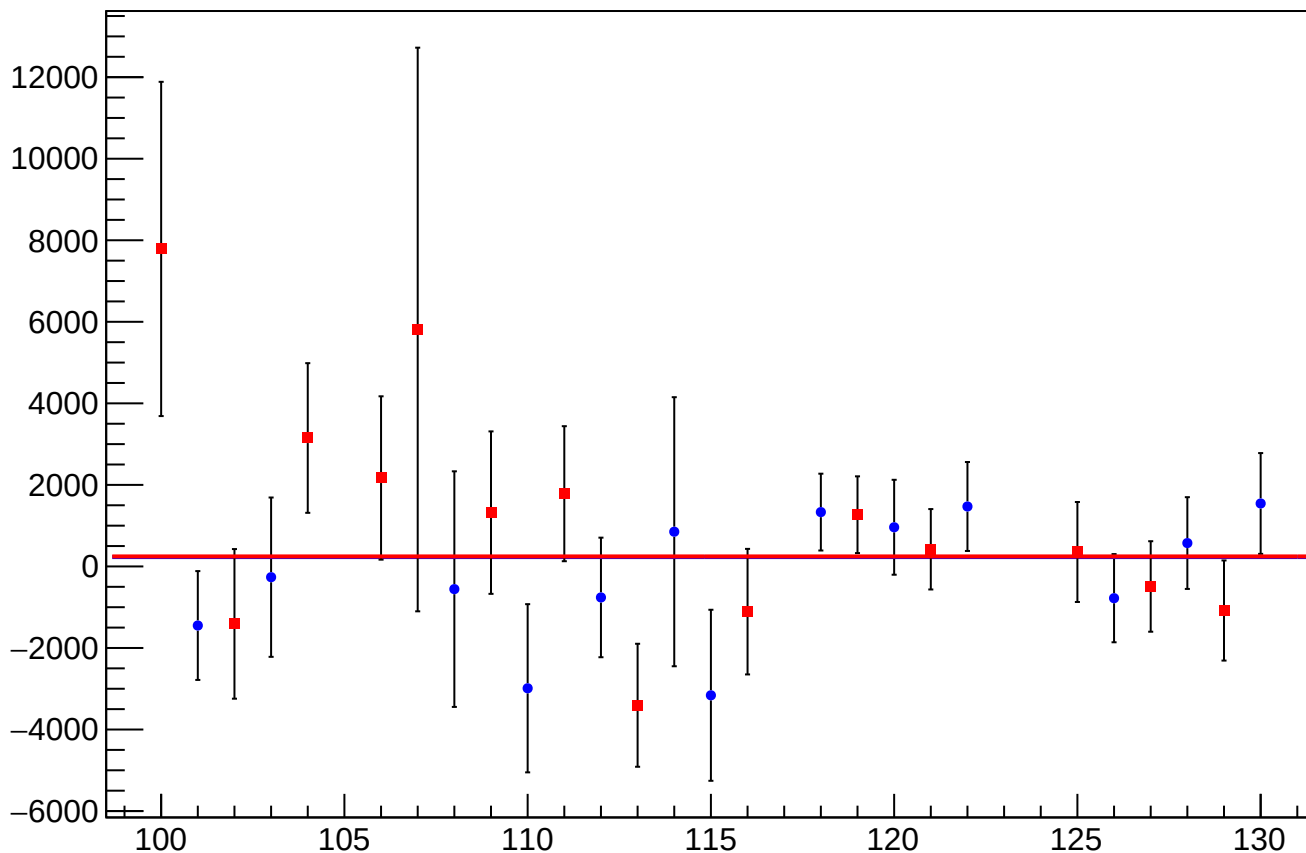
Right: 1106.008+/-0.232 χ^2/NDF : 18388.5/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1106.008+/-0.232 χ^2/NDF : 18388.5/26

asym_usl_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 229.671+/-378.857 χ^2/NDF : 12.4/12

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

Right Out: 245.545+/-386.369 χ^2/NDF : 18.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

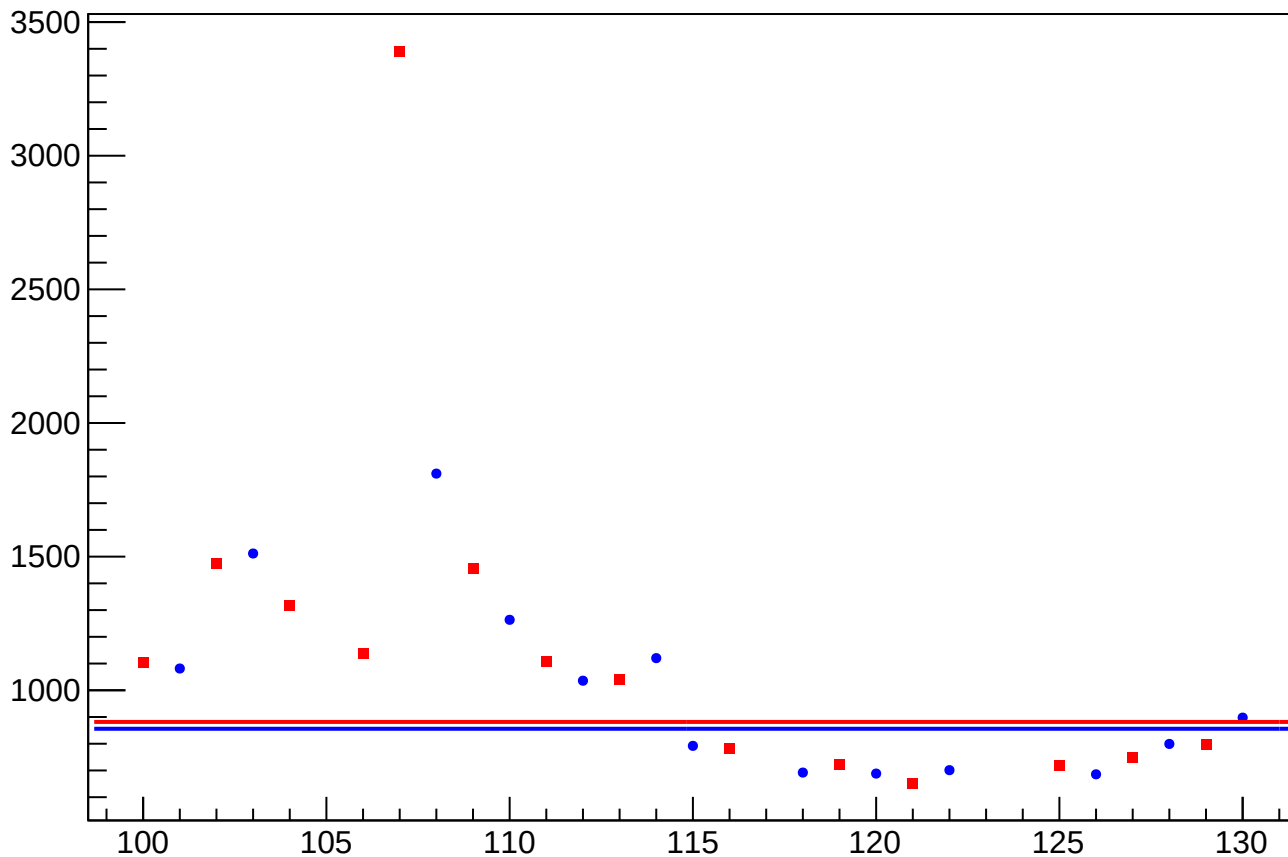
Right: 237.453+/-270.509 χ^2/NDF : 31.3/26

In: 229.671+/-378.857 χ^2/NDF : 12.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 237.453+/-270.509 χ^2/NDF : 31.3/26

asym_usl_eigen_cor_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 881.546+/-0.273 χ^2/NDF : 1094985.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

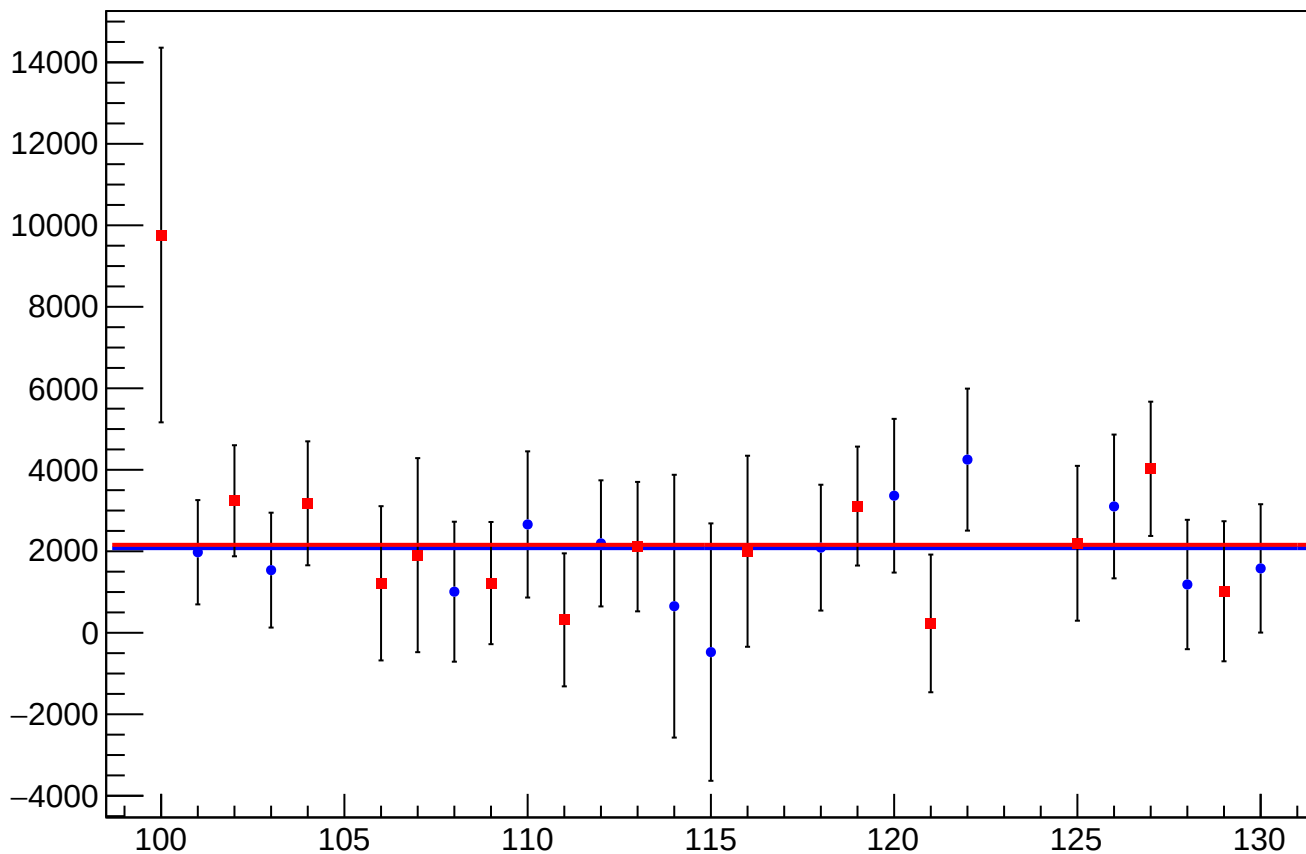
Right: 868.515+/-0.191 χ^2/NDF : 1922316.4/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 868.515+/-0.191 χ^2/NDF : 1922316.4/26

dit_asym_usl_mean vs Slug, Sign Corrected



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

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

Right Out: 2159.043+/-462.496 χ^2/NDF : 9.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

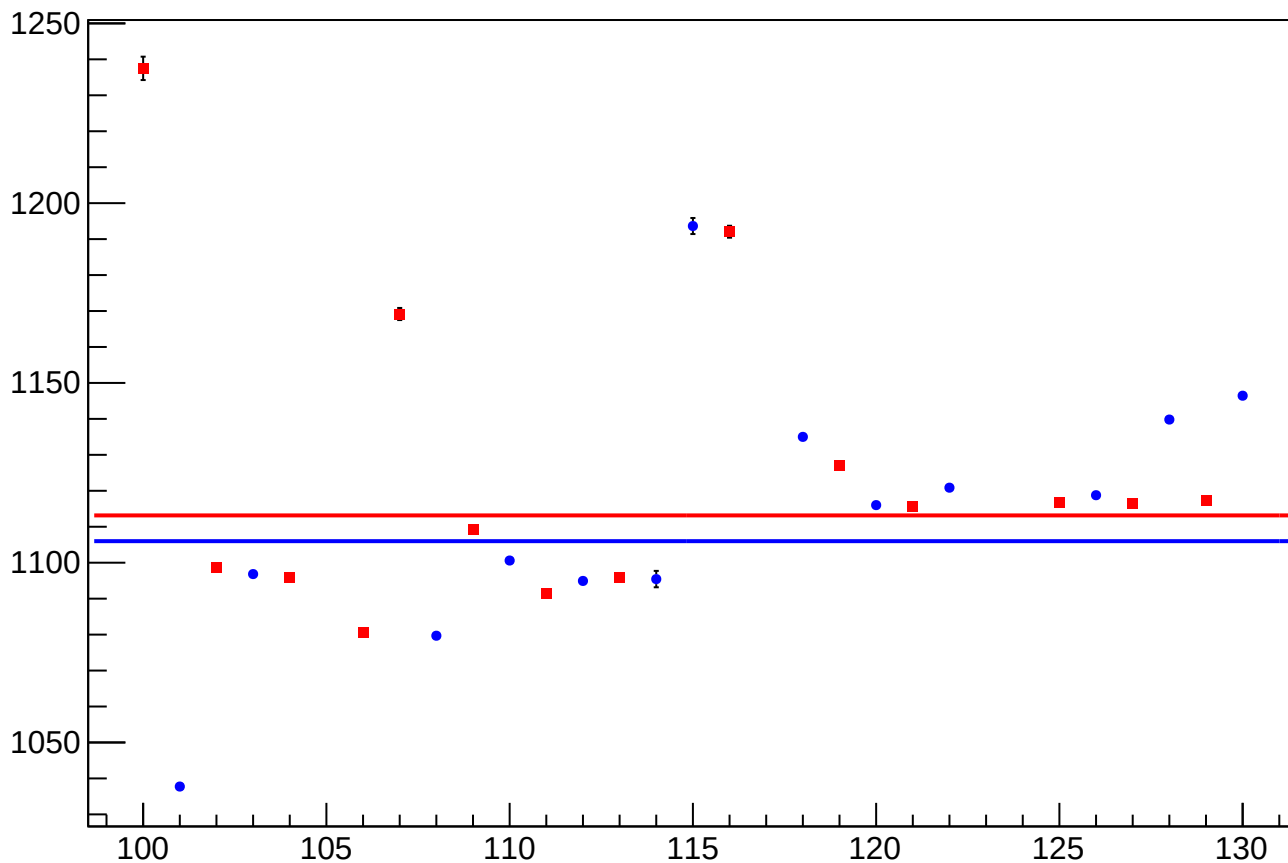
Right: 2118.611+/-329.632 χ^2/NDF : 13.5/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2118.611+/-329.632 χ^2/NDF : 13.5/26

dit_asym_usl_rms vs Slug, Sign Corrected



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

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

Right Out: 1113.152+/-0.327 χ^2/NDF : 6721.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

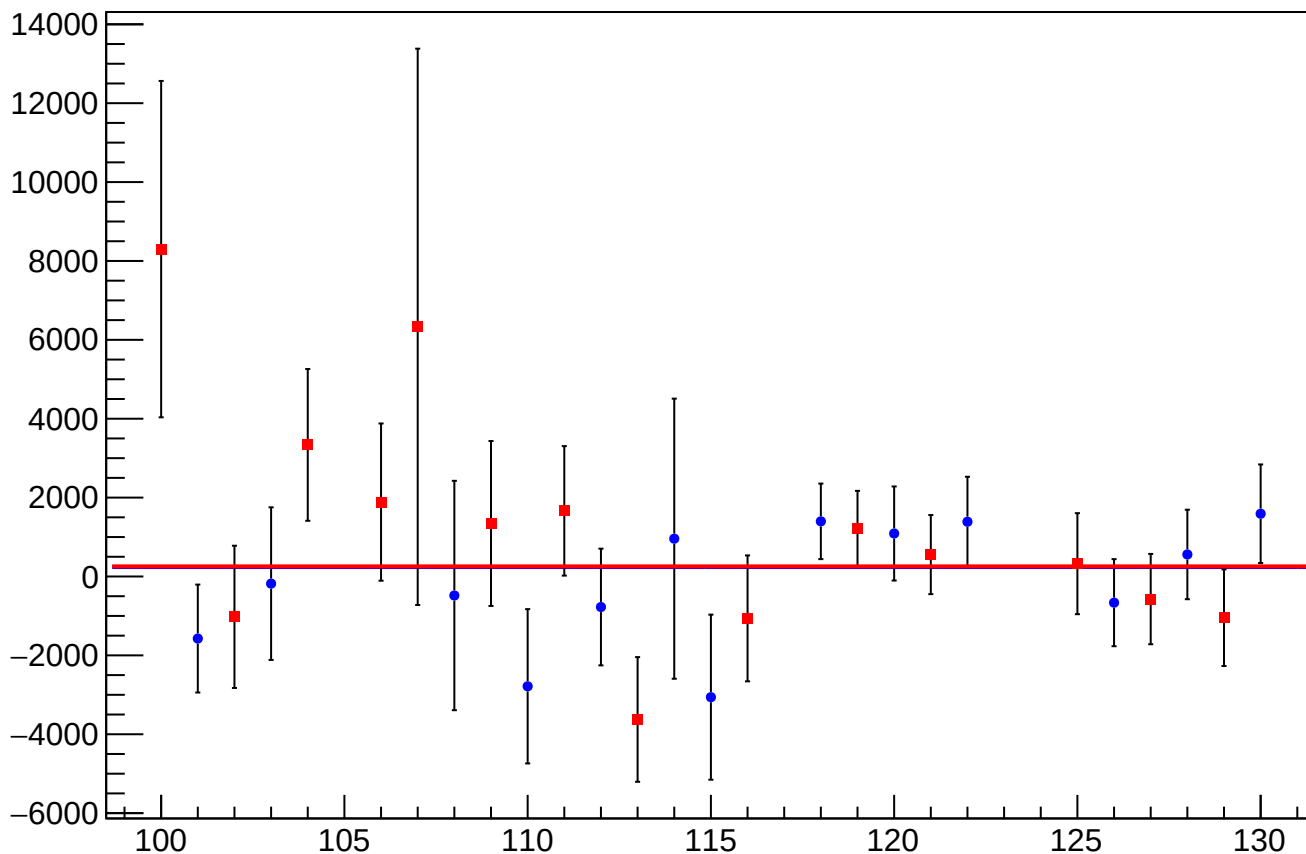
Right: 1109.629+/-0.233 χ^2/NDF : 18120.1/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1109.629+/-0.233 χ^2/NDF : 18120.1/26

asym_usl_dit_correction_mean vs Slug, Sign Corrected



Right In: 239.417+/-385.012 χ^2/NDF : 12.2/12

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

Right Out: 256.457+/-394.585 χ^2/NDF : 18.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

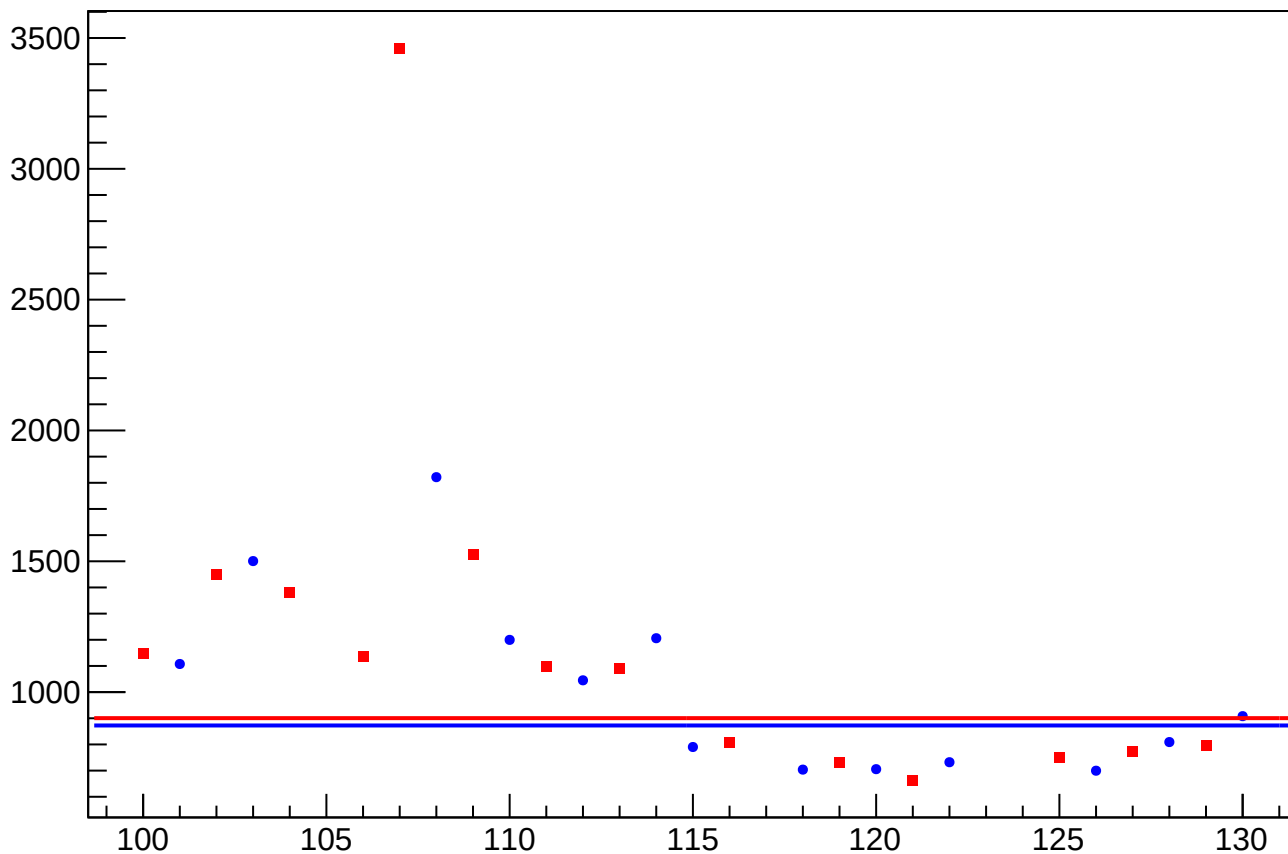
Right: 247.728+/-275.567 χ^2/NDF : 30.7/26

In: 239.417+/-385.012 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 247.728+/-275.567 χ^2/NDF : 30.7/26

asym_usl_dit_correction_rms vs Slug, Sign Corrected



Right In: 872.492+/-0.272 χ^2/NDF : 775433.7/12

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

Right Out: 900.497+/-0.279 χ^2/NDF : 1093568.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

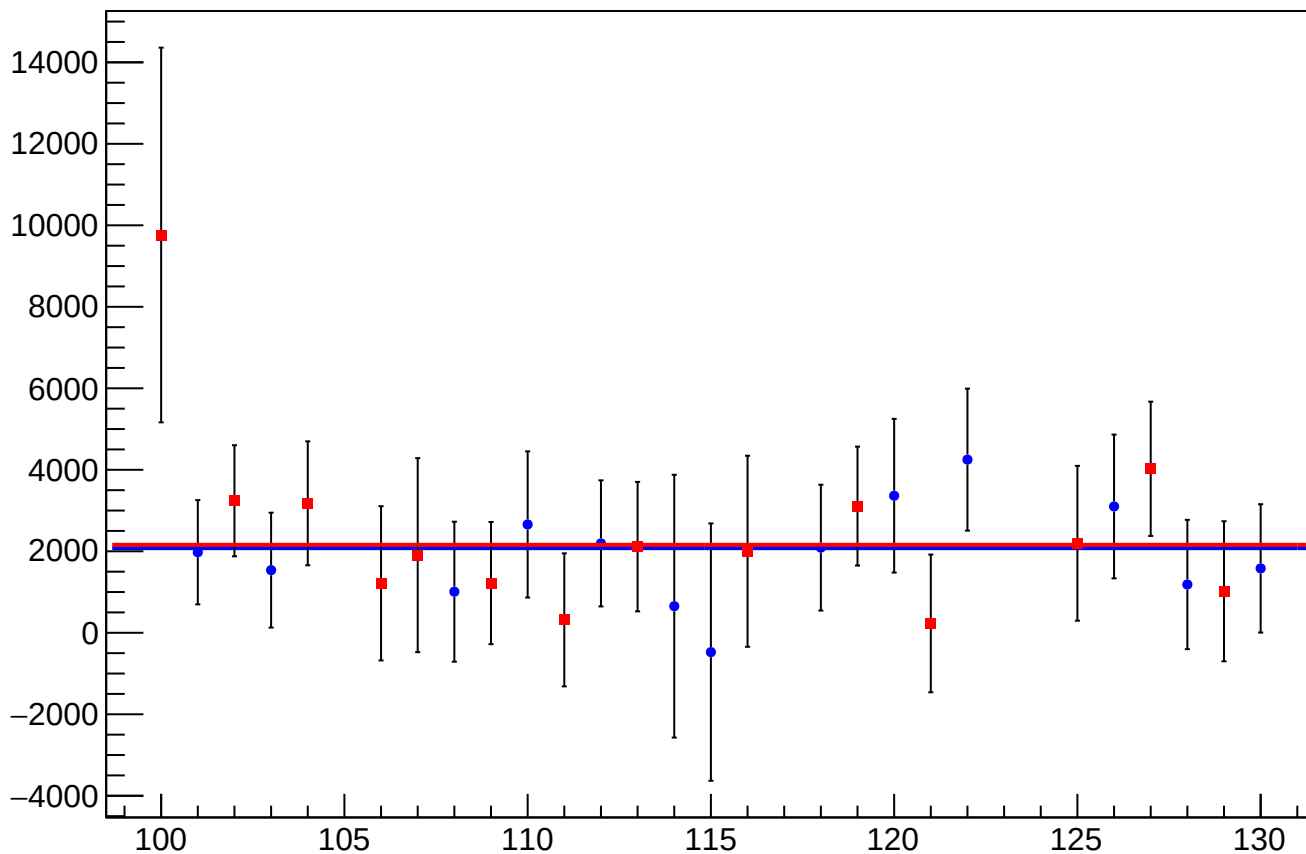
Right: 886.151+/-0.195 χ^2/NDF : 1874163.2/26

In: 872.492+/-0.272 χ^2/NDF : 775433.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 886.151+/-0.195 χ^2/NDF : 1874163.2/26

eigen_dit_asym_usl_mean vs Slug, Sign Corrected



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

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

Right Out: 2159.040+/-462.496 χ^2/NDF : 9.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

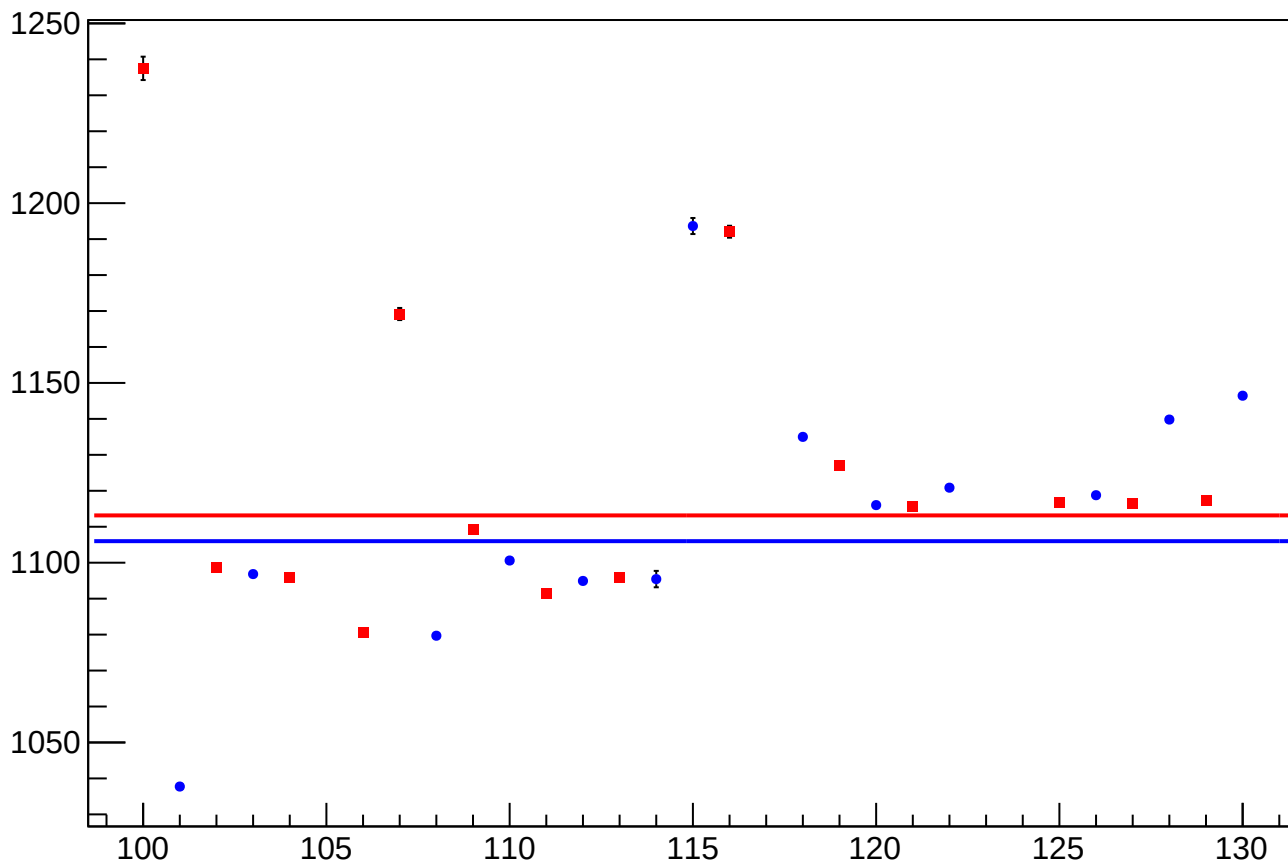
Right: 2118.610+/-329.632 χ^2/NDF : 13.5/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2118.610+/-329.632 χ^2/NDF : 13.5/26

eigen_dit_asym_usl_rms vs Slug, Sign Corrected



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

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

Right Out: 1113.152+/-0.327 χ^2/NDF : 6721.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

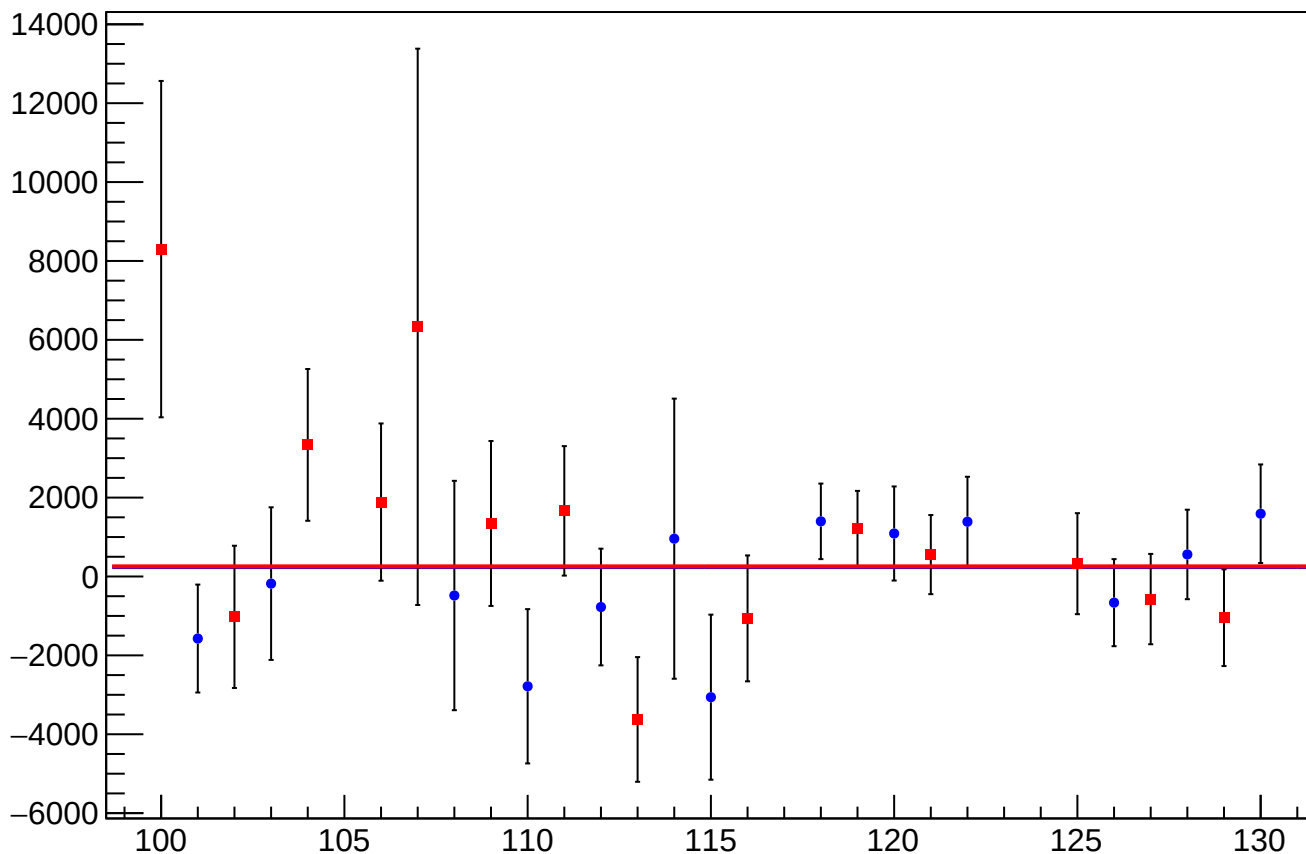
Right: 1109.629+/-0.233 χ^2/NDF : 18120.1/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1109.629+/-0.233 χ^2/NDF : 18120.1/26

asym_usl_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 239.417+/-385.012 χ^2/NDF : 12.2/12

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

Right Out: 256.457+/-394.584 χ^2/NDF : 18.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

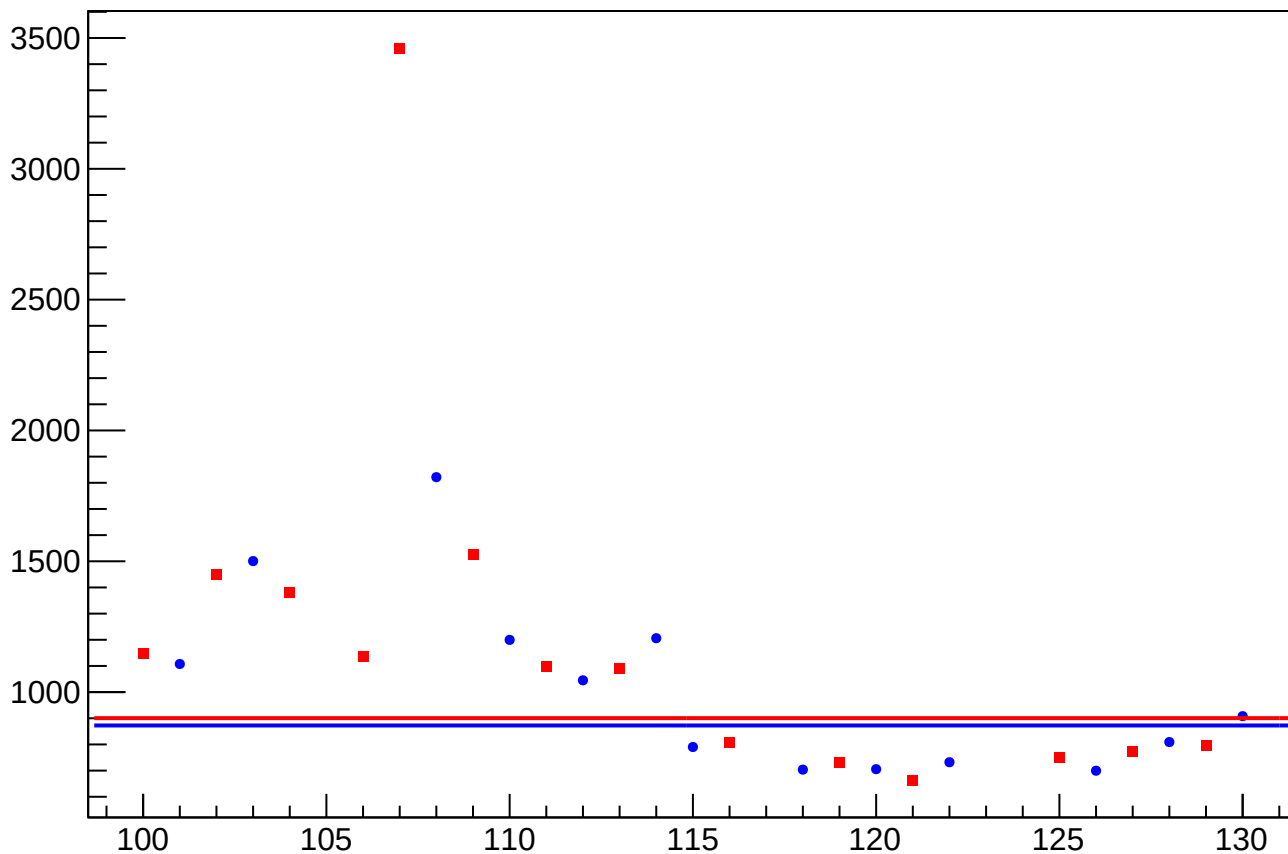
Right: 247.728+/-275.566 χ^2/NDF : 30.7/26

In: 239.417+/-385.012 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 247.728+/-275.566 χ^2/NDF : 30.7/26

asym_usl_eigen_dit_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 900.495+/-0.279 χ^2/NDF : 1093569.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

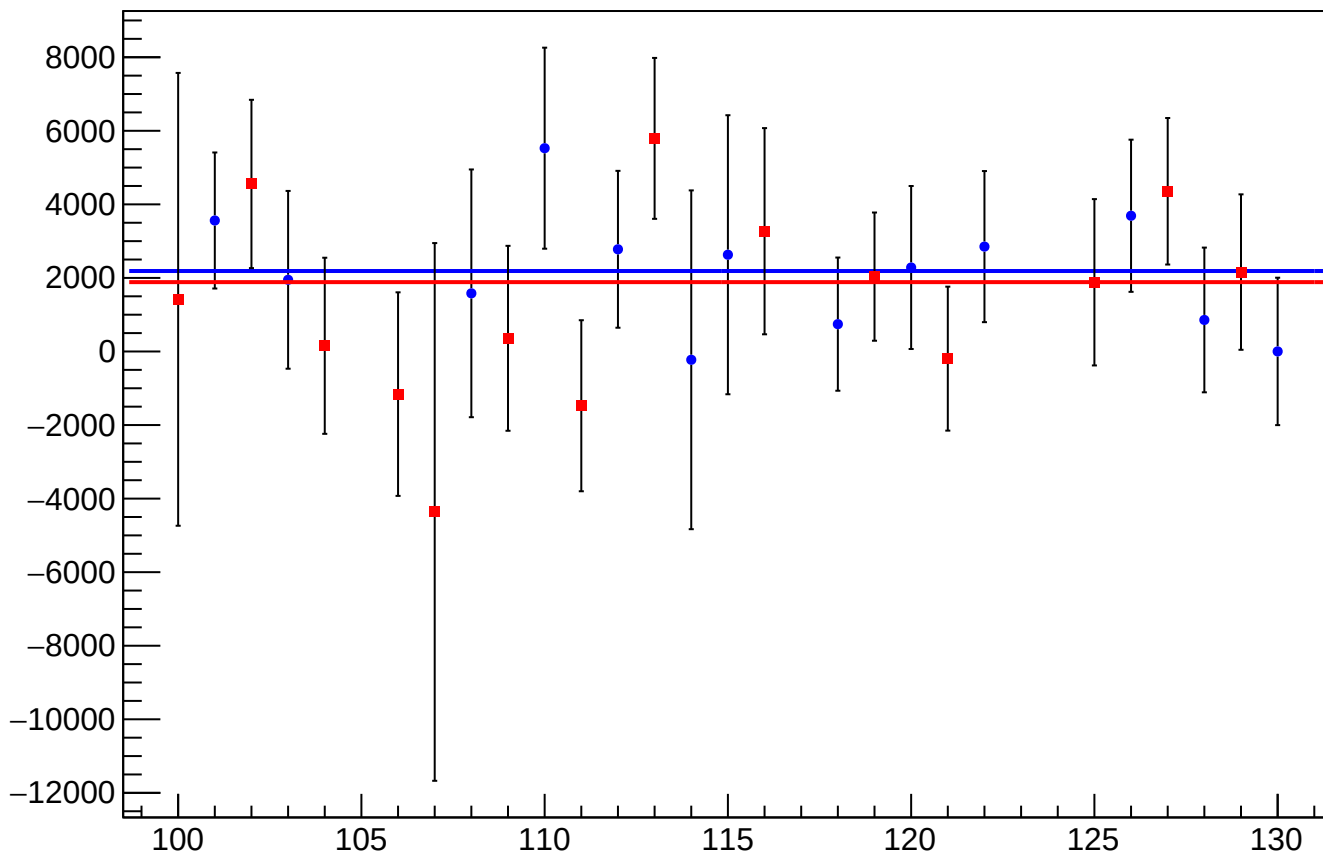
Right: 886.149+/-0.195 χ^2/NDF : 1874167.1/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 886.149+/-0.195 χ^2/NDF : 1874167.1/26

asym_usl_mean vs Slug, Sign Corrected



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

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

Right Out: 1885.644+/-634.677 χ^2/NDF : 12.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

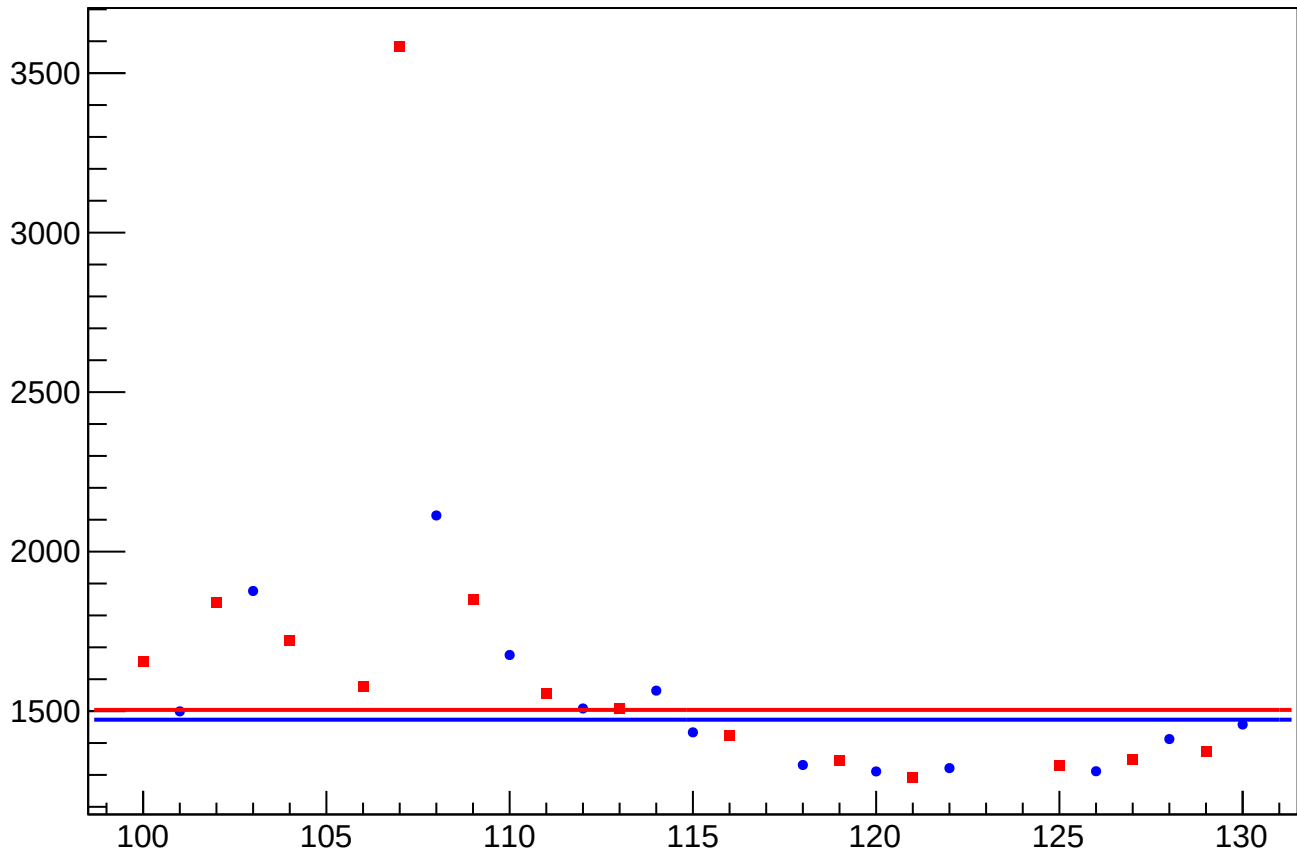
Right: 2037.587+/-447.591 χ^2/NDF : 17.9/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2037.587+/-447.591 χ^2/NDF : 17.9/26

asym_usl_rms vs Slug, Sign Corrected



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

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

Right Out: 1503.834+/-0.449 χ^2/NDF : 337287.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

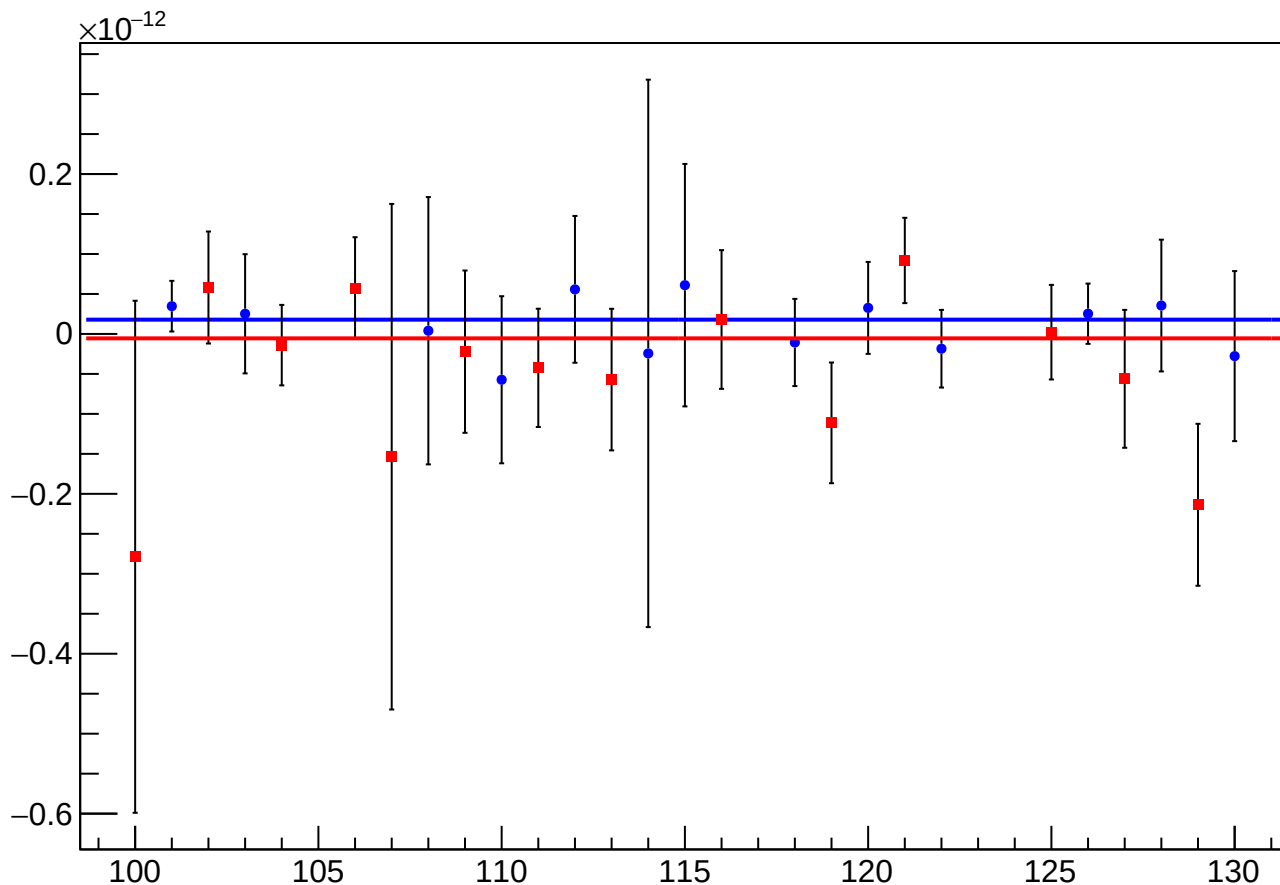
Right: 1488.412+/-0.316 χ^2/NDF : 528776.9/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1488.412+/-0.316 χ^2/NDF : 528776.9/26

asym_usl_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

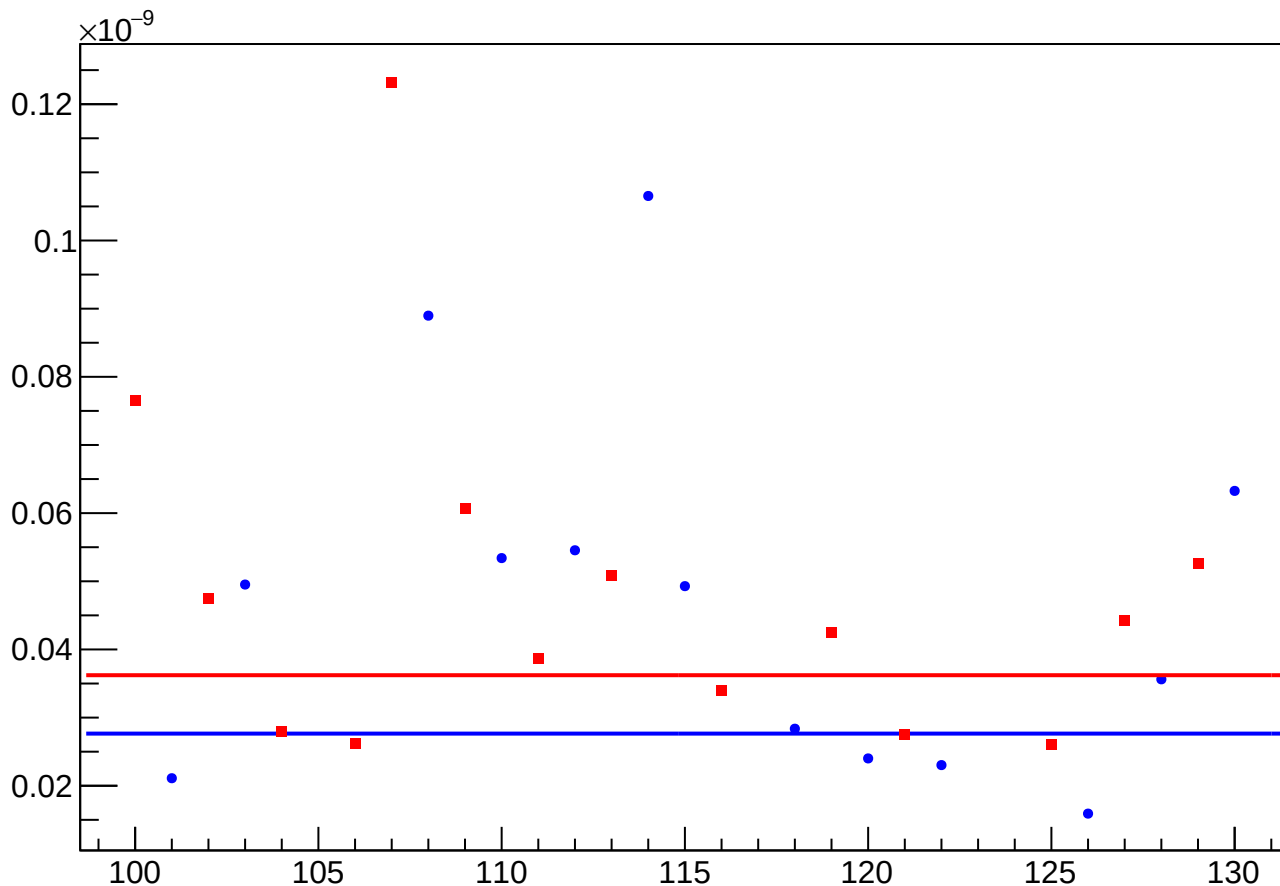
Right: 0.000+/-0.000 χ^2/NDF : 16.4/26

In: 0.000+/-0.000 χ^2/NDF : 2.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.4/26

asym_usl_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1430153.4/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 707876.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

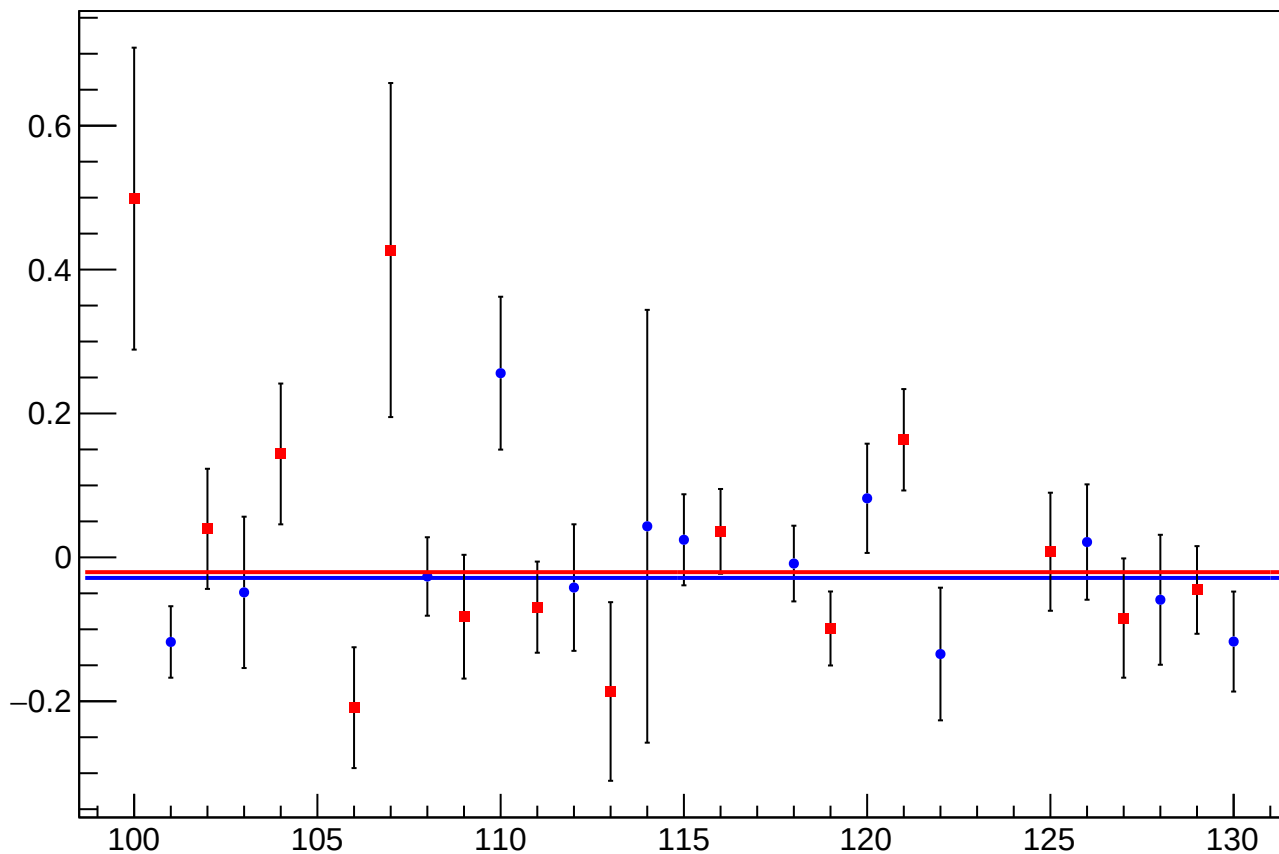
Right: 0.000+/-0.000 χ^2/NDF : 2349067.5/26

In: 0.000+/-0.000 χ^2/NDF : 1430153.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2349067.5/26

asym_usl_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.021 ± 0.021 χ^2/NDF : 32.0/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

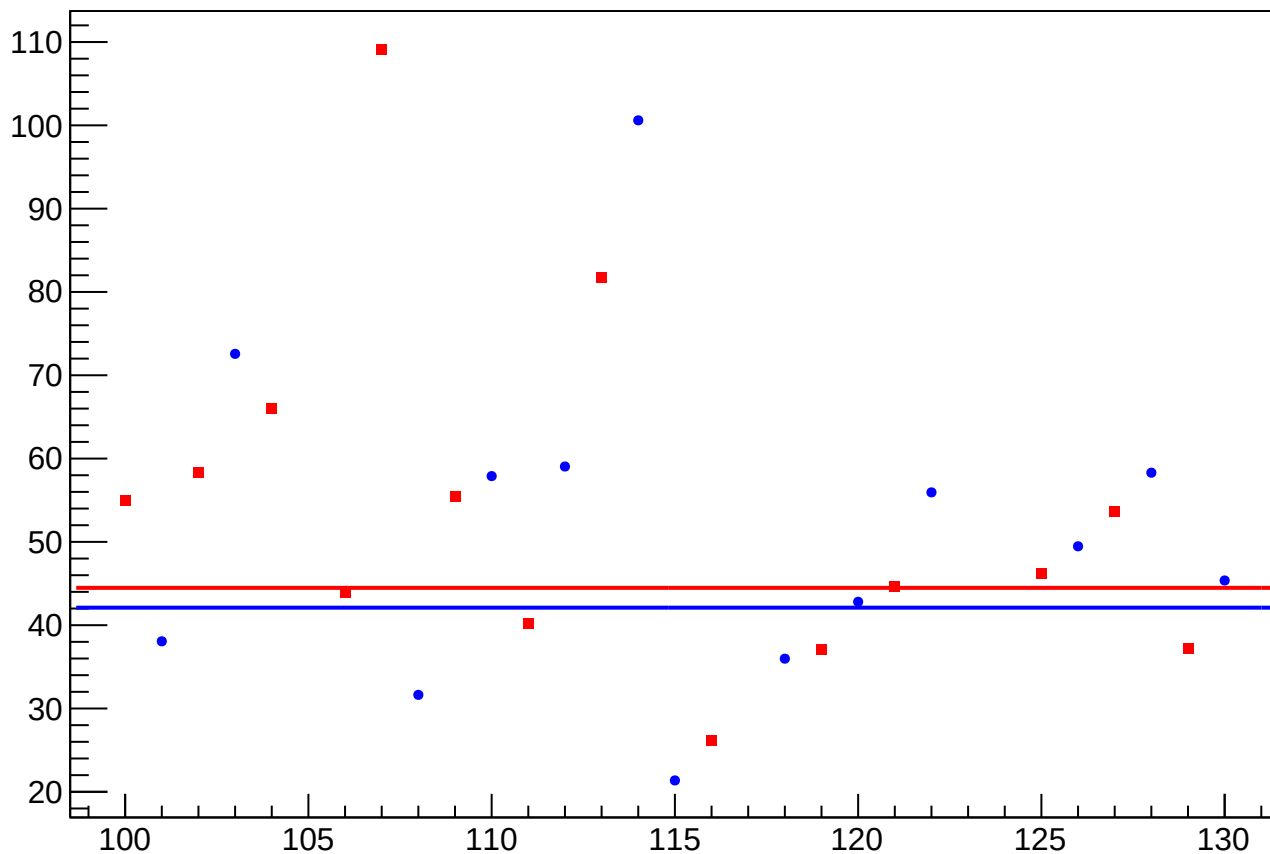
Right: -0.025 ± 0.014 χ^2/NDF : 49.0/26

In: -0.029 ± 0.020 χ^2/NDF : 16.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.025 ± 0.014 χ^2/NDF : 49.0/26

asym_usl_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 44.483+/-0.015 χ^2/NDF : 820511.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

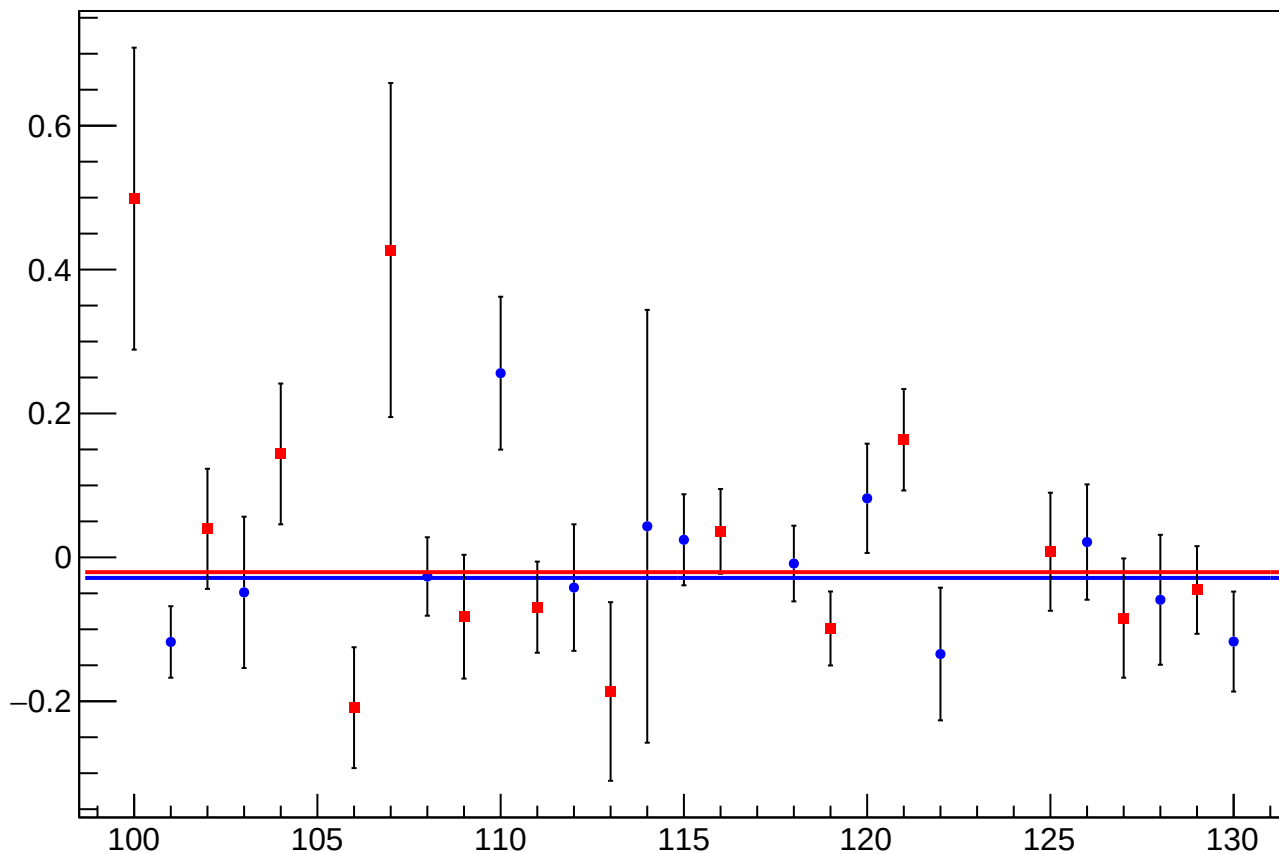
Right: 43.260+/-0.010 χ^2/NDF : 1655431.6/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.260+/-0.010 χ^2/NDF : 1655431.6/26

asym_usl_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.021 ± 0.021 χ^2/NDF : 32.0/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

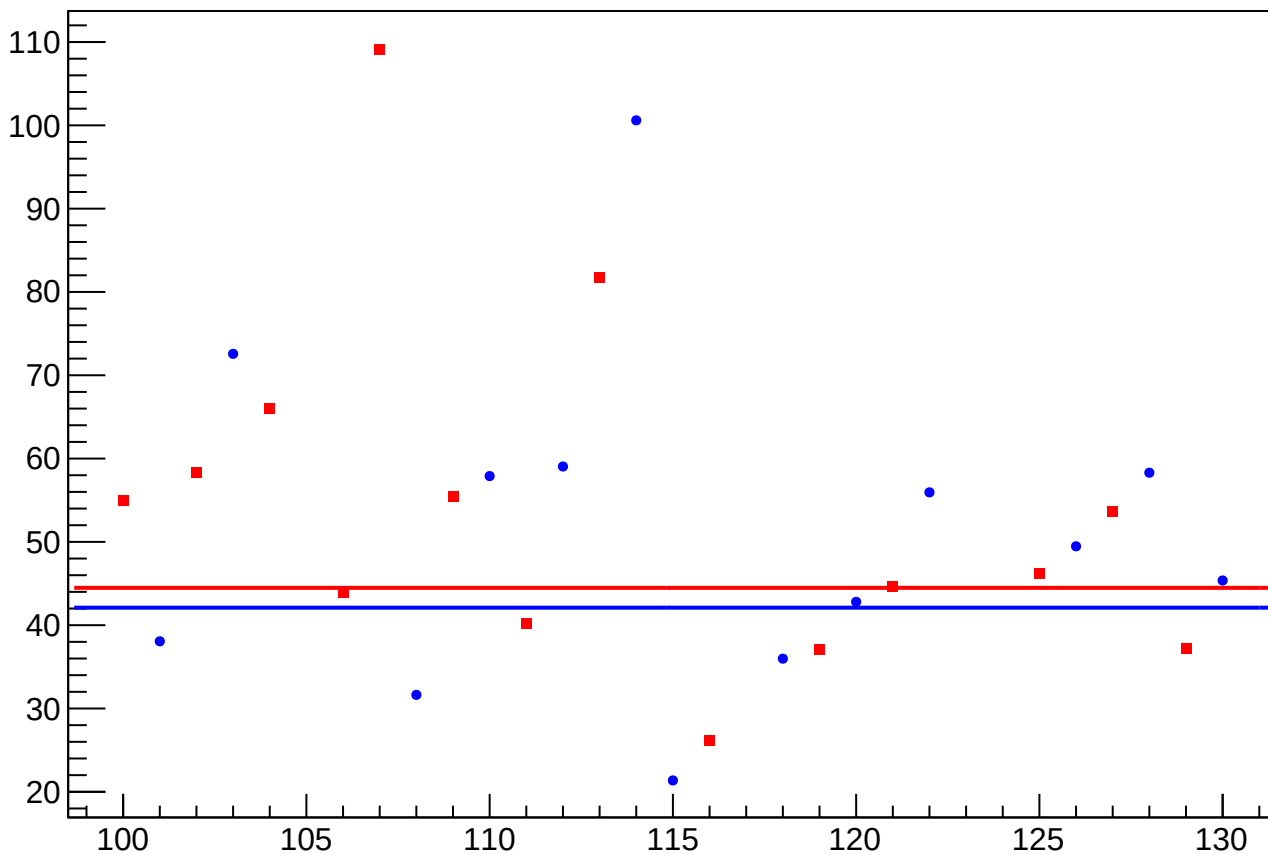
Right: -0.025 ± 0.014 χ^2/NDF : 49.0/26

In: -0.029 ± 0.020 χ^2/NDF : 16.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.025 ± 0.014 χ^2/NDF : 49.0/26

asym_usl_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 44.483+/-0.015 χ^2/NDF : 820511.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

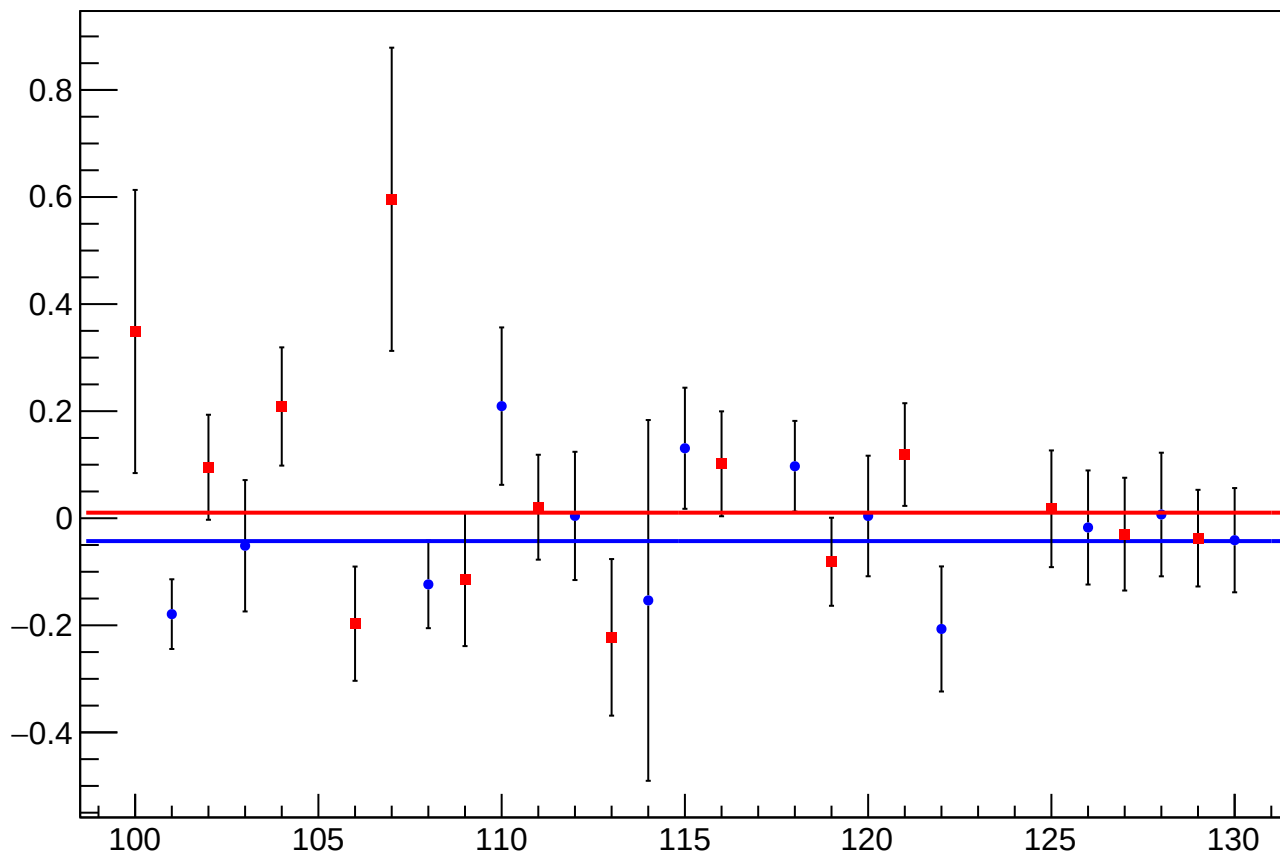
Right: 43.260+/-0.010 χ^2/NDF : 1655431.6/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.260+/-0.010 χ^2/NDF : 1655431.6/26

asym_usl_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.010+/-0.029 χ^2/NDF : 21.0/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

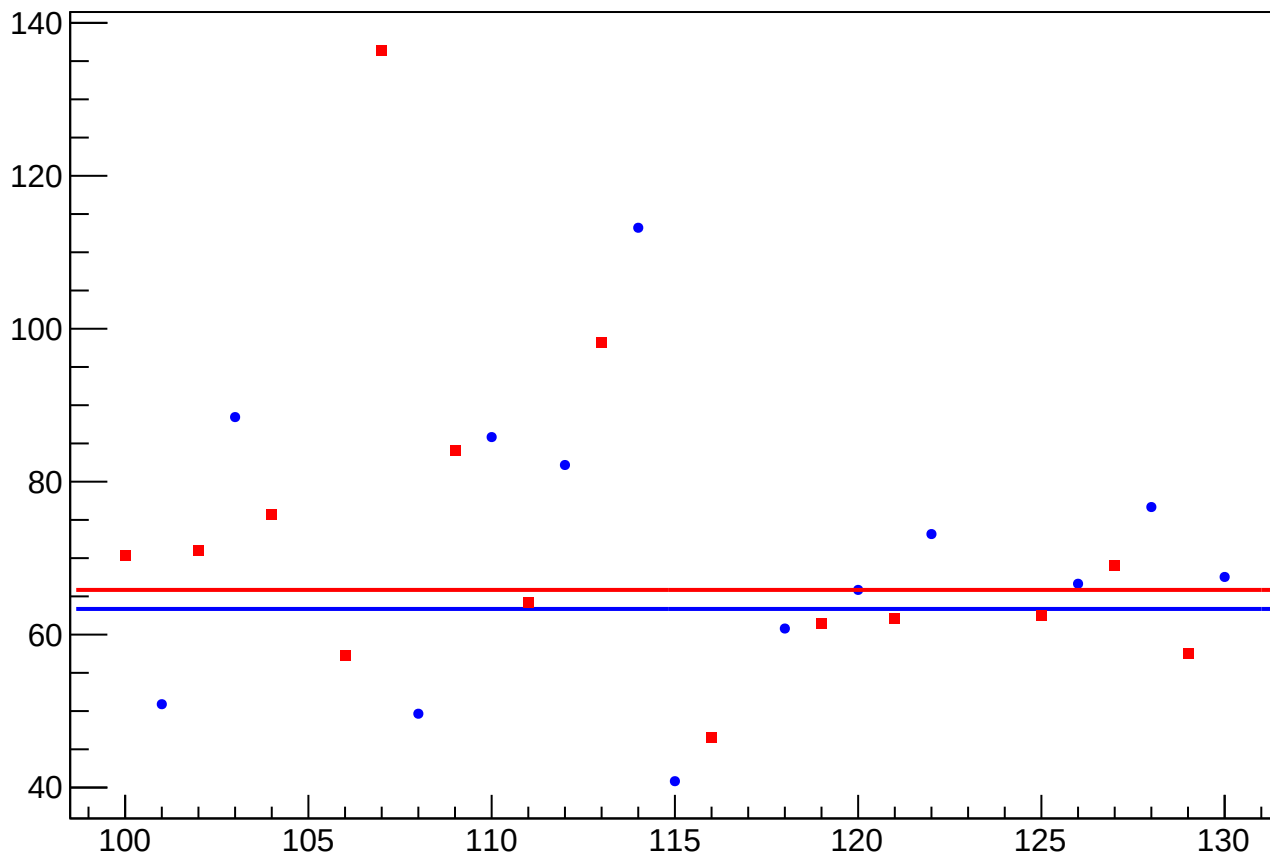
Right: -0.017+/-0.020 χ^2/NDF : 38.8/26

In: -0.043+/-0.029 χ^2/NDF :16.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.017+/-0.020 χ^2/NDF : 38.8/26

asym_usl_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 65.844+/-0.021 χ^2/NDF : 407883.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

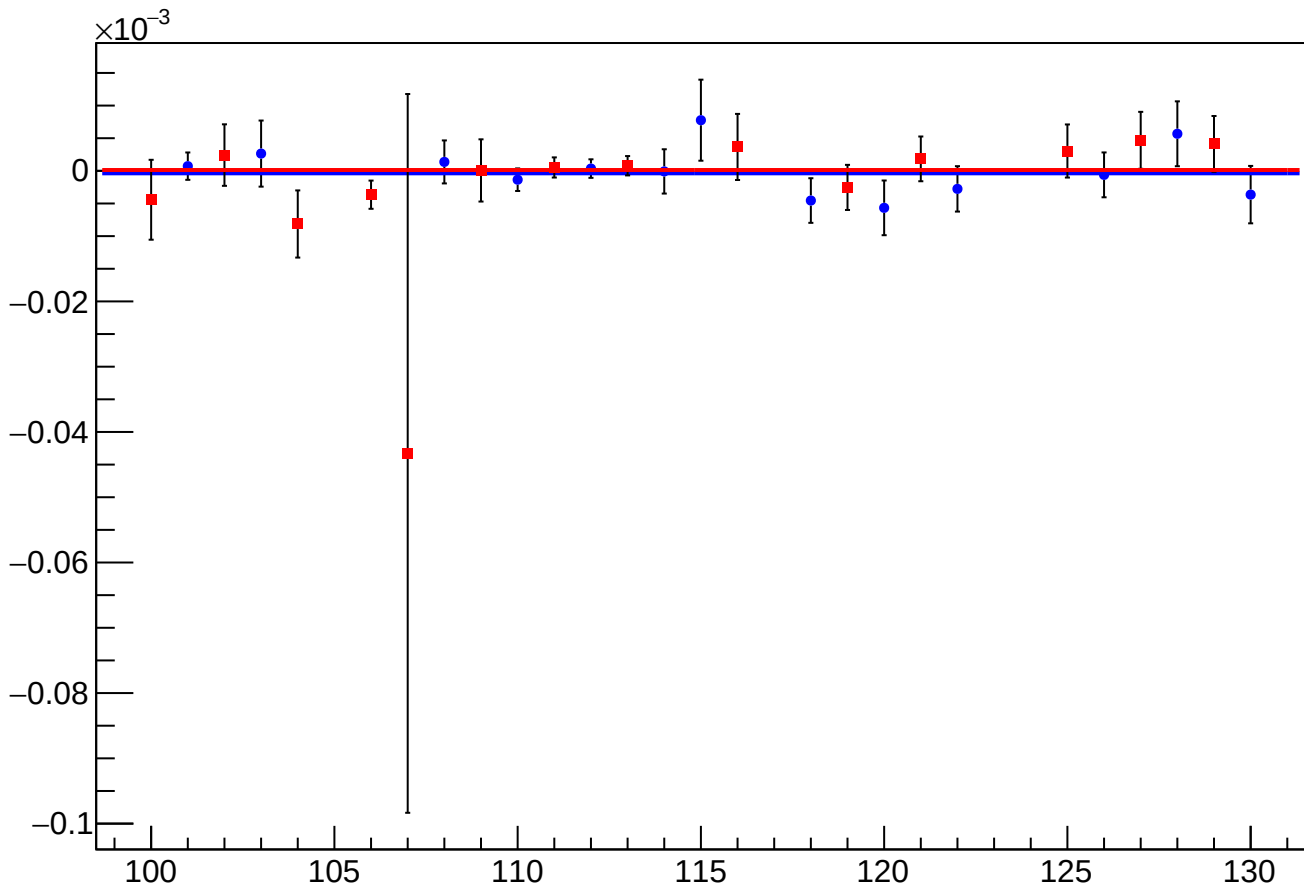
Right: 64.579+/-0.014 χ^2/NDF : 896570.4/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.579+/-0.014 χ^2/NDF : 896570.4/26

asym_usl_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 8.8/12

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

Right Out: 0.000+/-0.000 χ^2 /NDF: 11.1/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

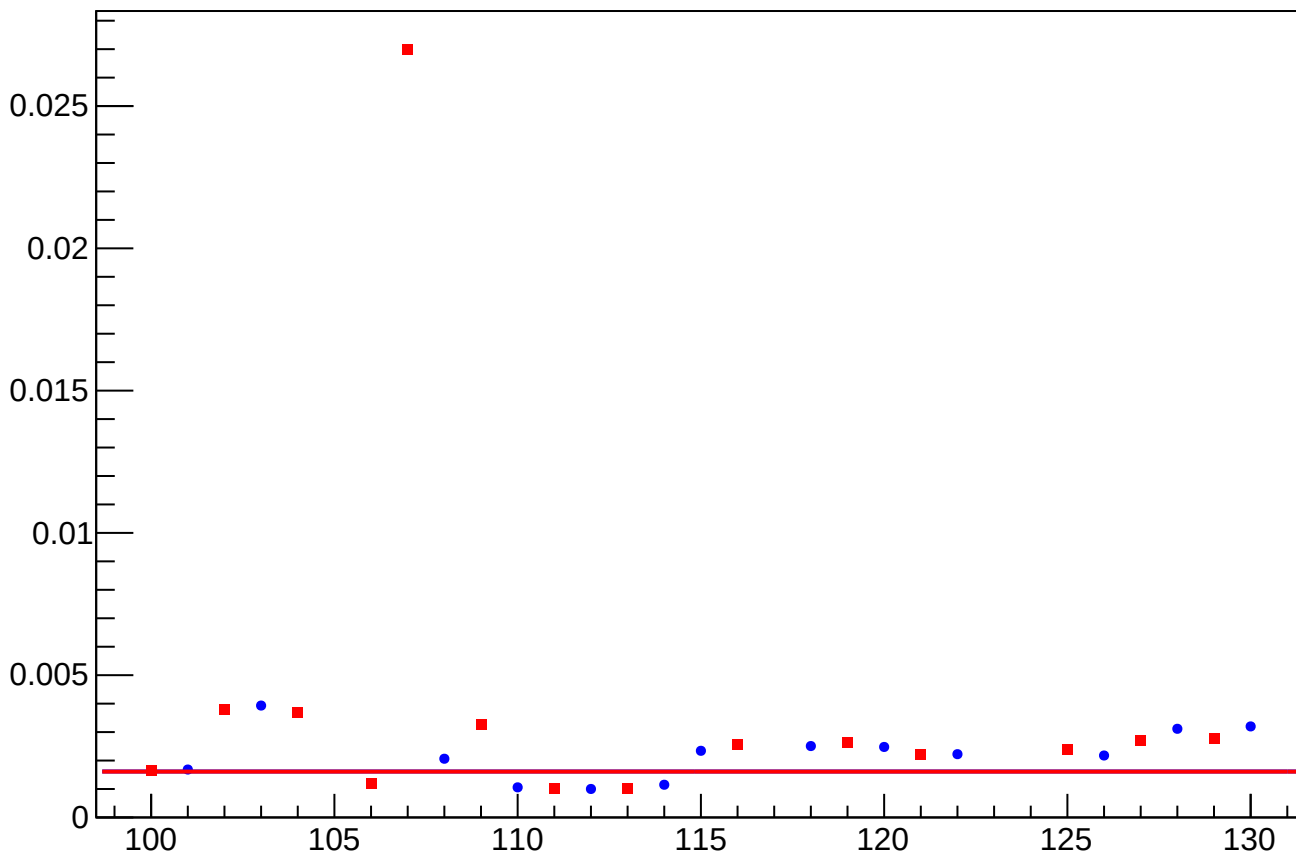
Right: -0.000+/-0.000 χ^2 /NDF: 20.1/26

In: -0.000+/-0.000 χ^2 /NDF:8.8/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 20.1/26

asym_usl_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 0.002+/-0.000 χ^2/NDF : 2754048.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

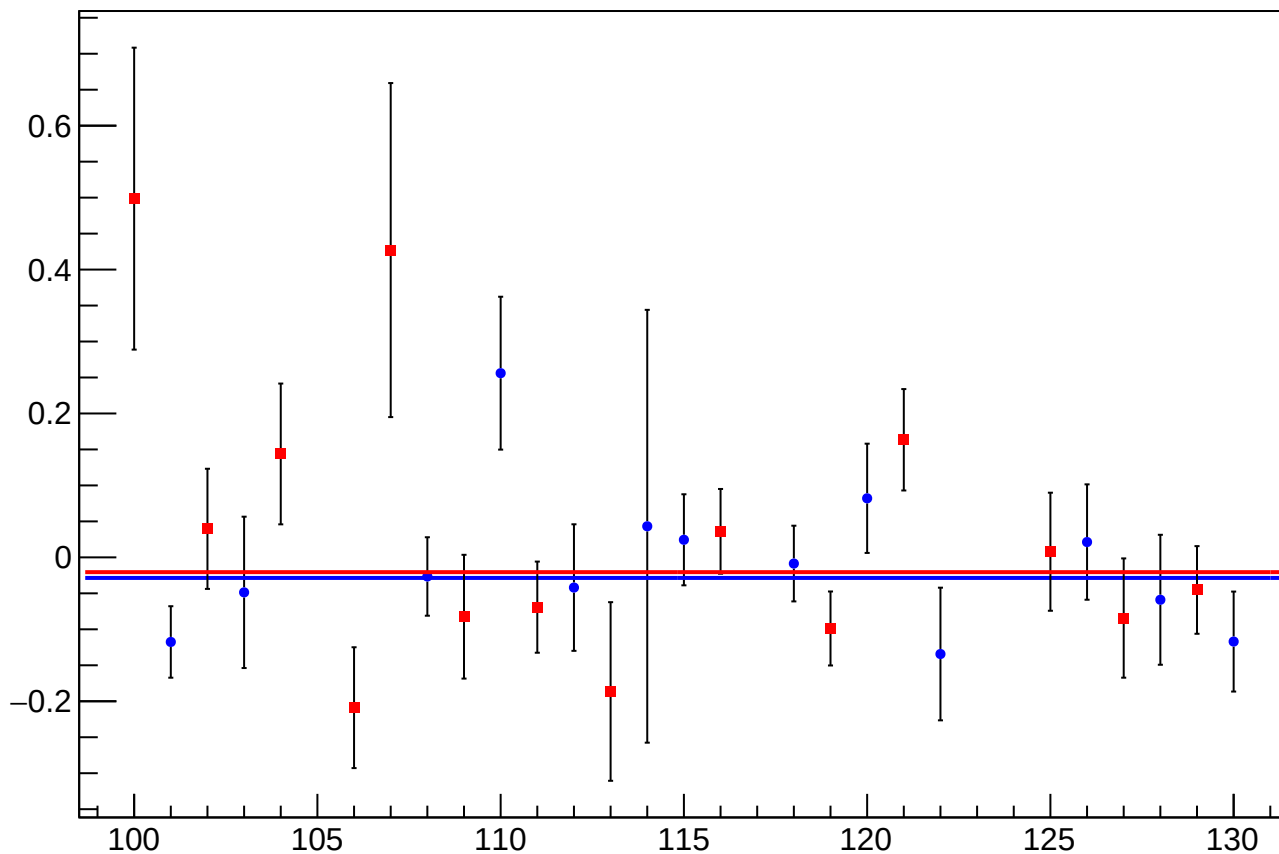
Right: 0.002+/-0.000 χ^2/NDF : 4637703.1/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4637703.1/26

asym_usl_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.021 ± 0.021 χ^2/NDF : 32.0/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

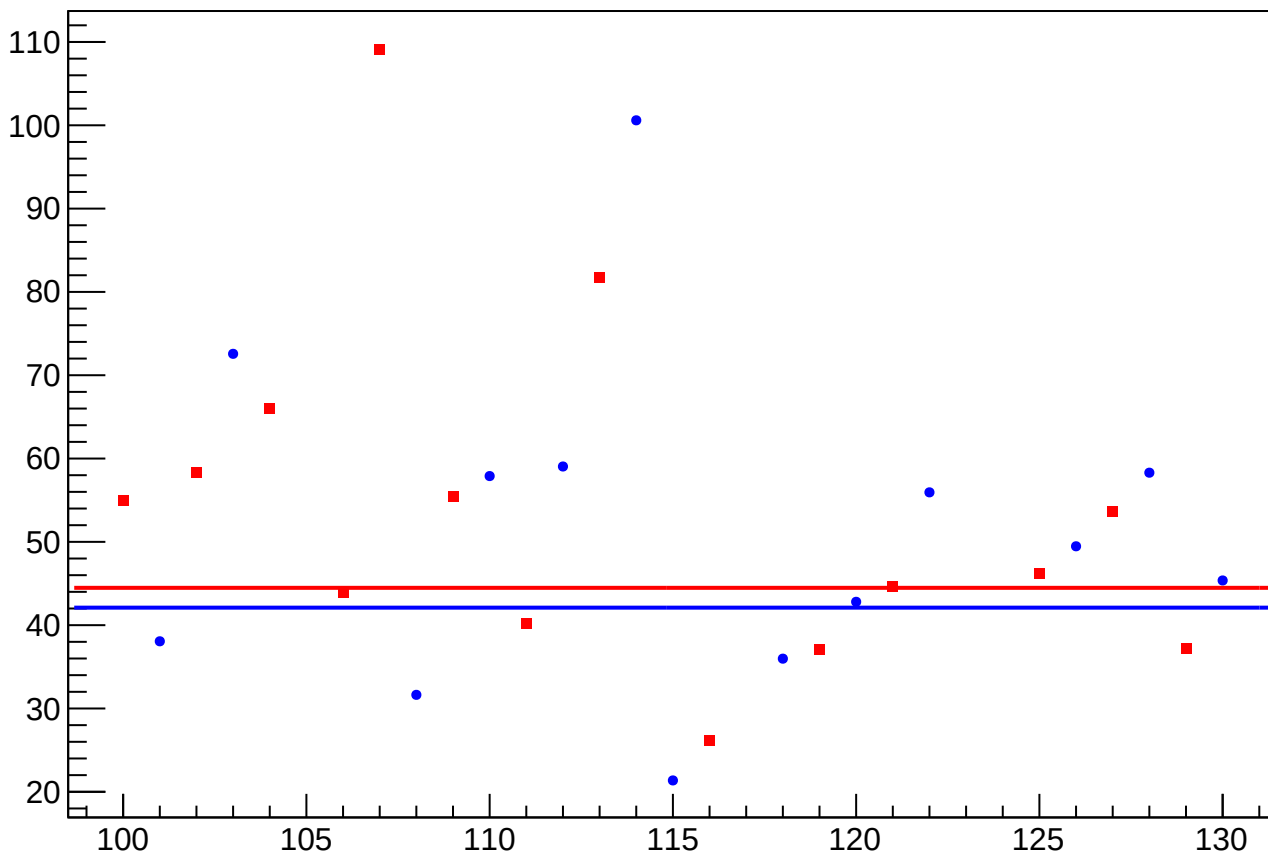
Right: -0.025 ± 0.014 χ^2/NDF : 49.0/26

In: -0.029 ± 0.020 χ^2/NDF : 16.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.025 ± 0.014 χ^2/NDF : 49.0/26

asym_usl_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 44.482+/-0.015 χ^2/NDF : 820543.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

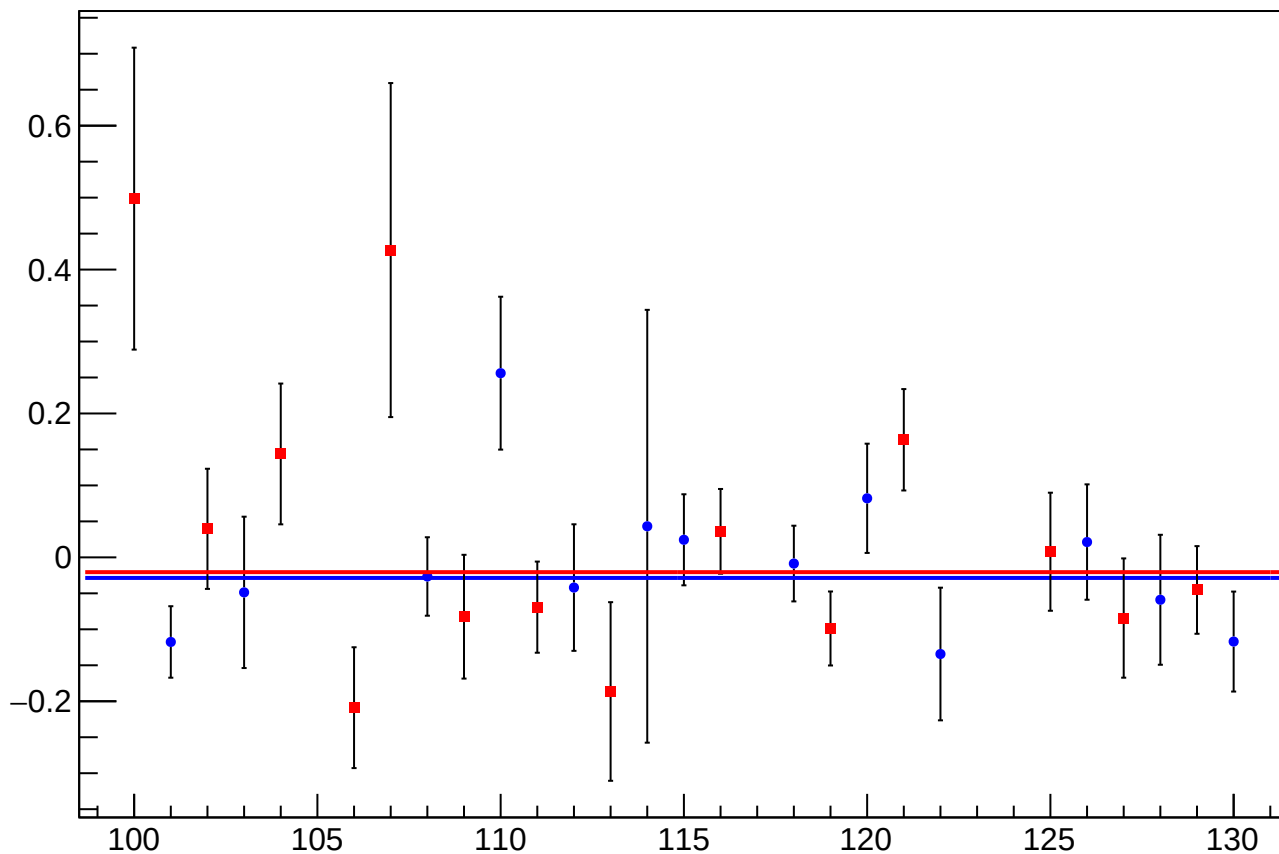
Right: 43.259+/-0.010 χ^2/NDF : 1655503.3/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.259+/-0.010 χ^2/NDF : 1655503.3/26

asym_usl_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.021 ± 0.021 χ^2/NDF : 32.0/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

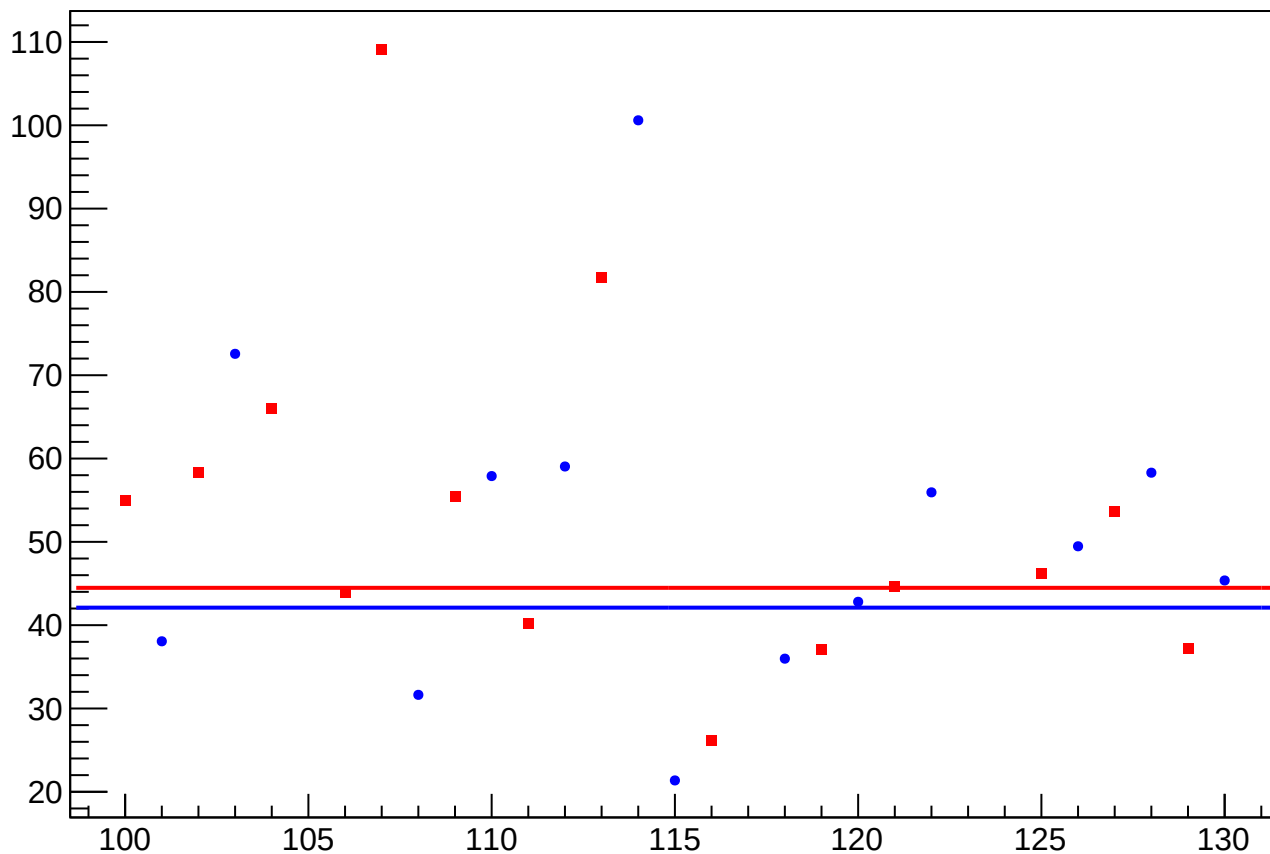
Right: -0.025 ± 0.014 χ^2/NDF : 49.0/26

In: -0.029 ± 0.020 χ^2/NDF : 16.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.025 ± 0.014 χ^2/NDF : 49.0/26

asym_usl_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 44.482+/-0.015 χ^2/NDF : 820543.4/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

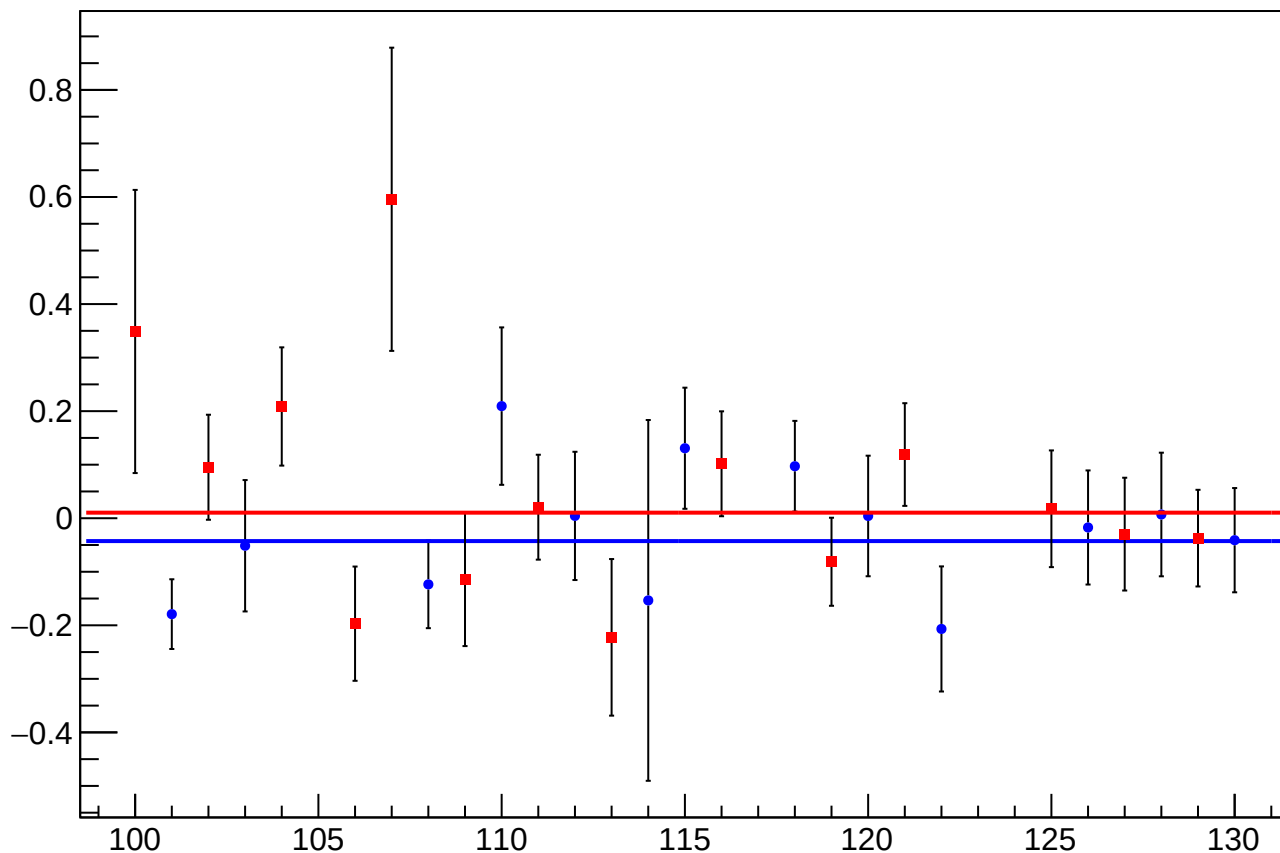
Right: 43.259+/-0.010 χ^2/NDF : 1655503.3/26

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 43.259+/-0.010 χ^2/NDF : 1655503.3/26

asym_usl_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.010+/-0.029 χ^2/NDF : 21.0/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

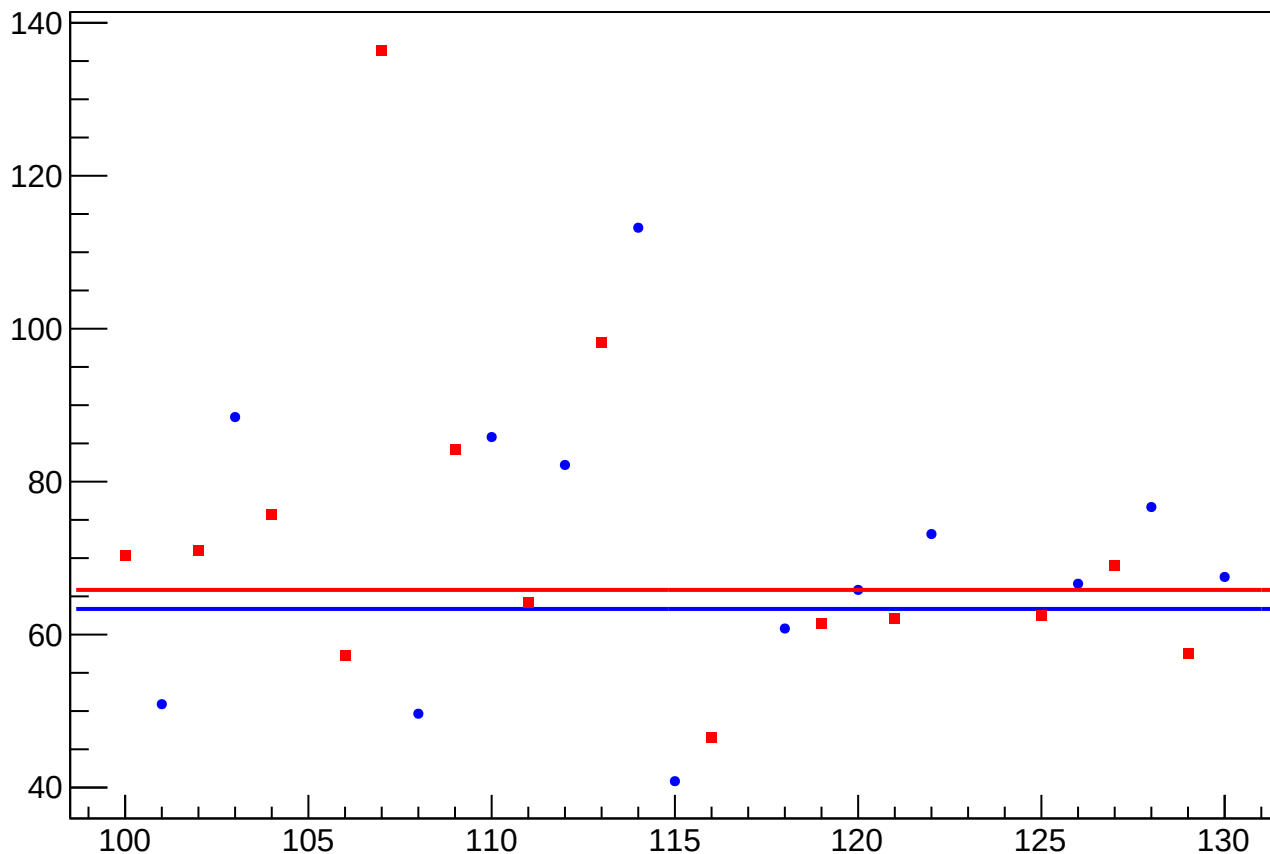
Right: -0.017+/-0.020 χ^2/NDF : 38.8/26

In: -0.043+/-0.029 χ^2/NDF :16.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.017+/-0.020 χ^2/NDF : 38.8/26

asym_usl_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 65.843+/-0.021 χ^2/NDF : 407878.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

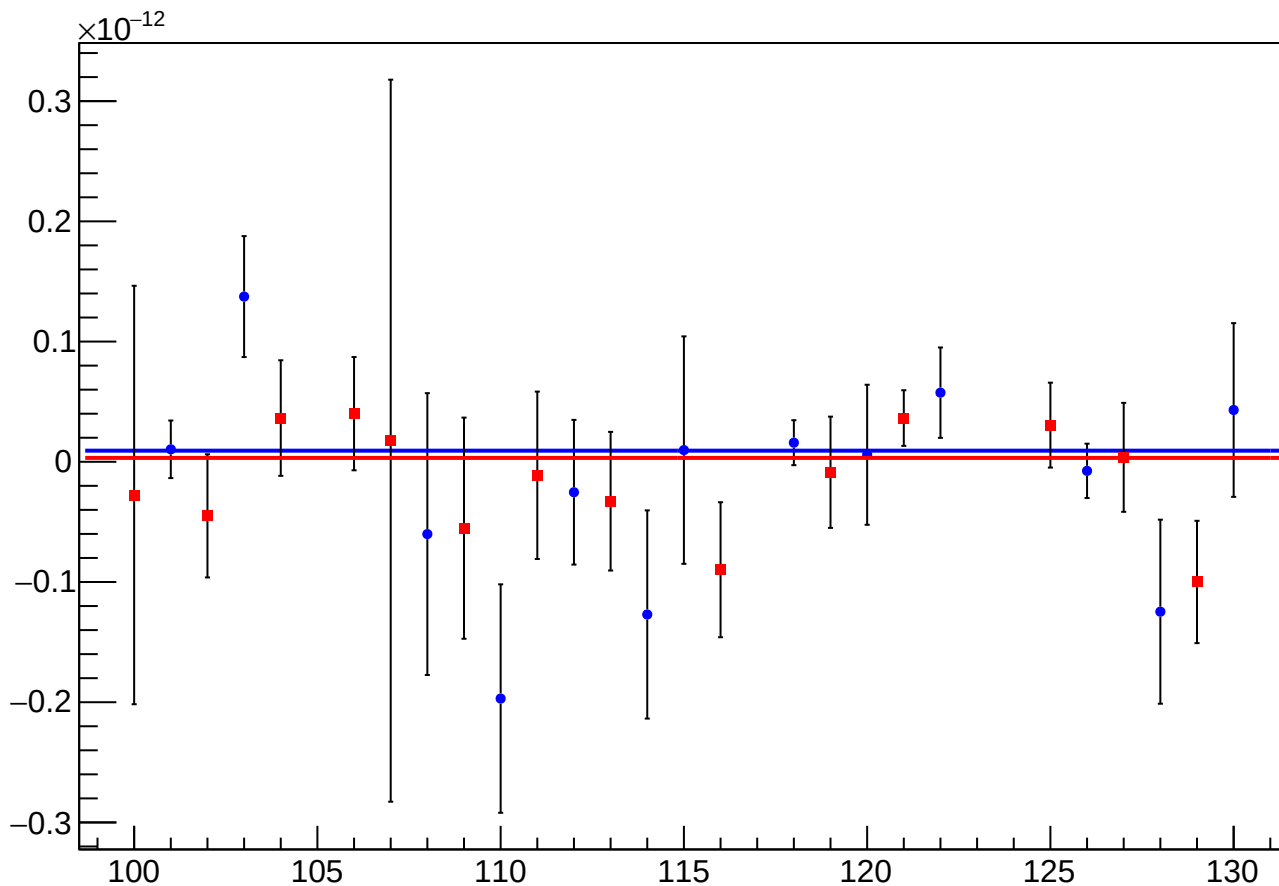
Right: 64.578+/-0.014 χ^2/NDF : 896564.0/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.578+/-0.014 χ^2/NDF : 896564.0/26

asym_usl_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 20.0/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 12.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

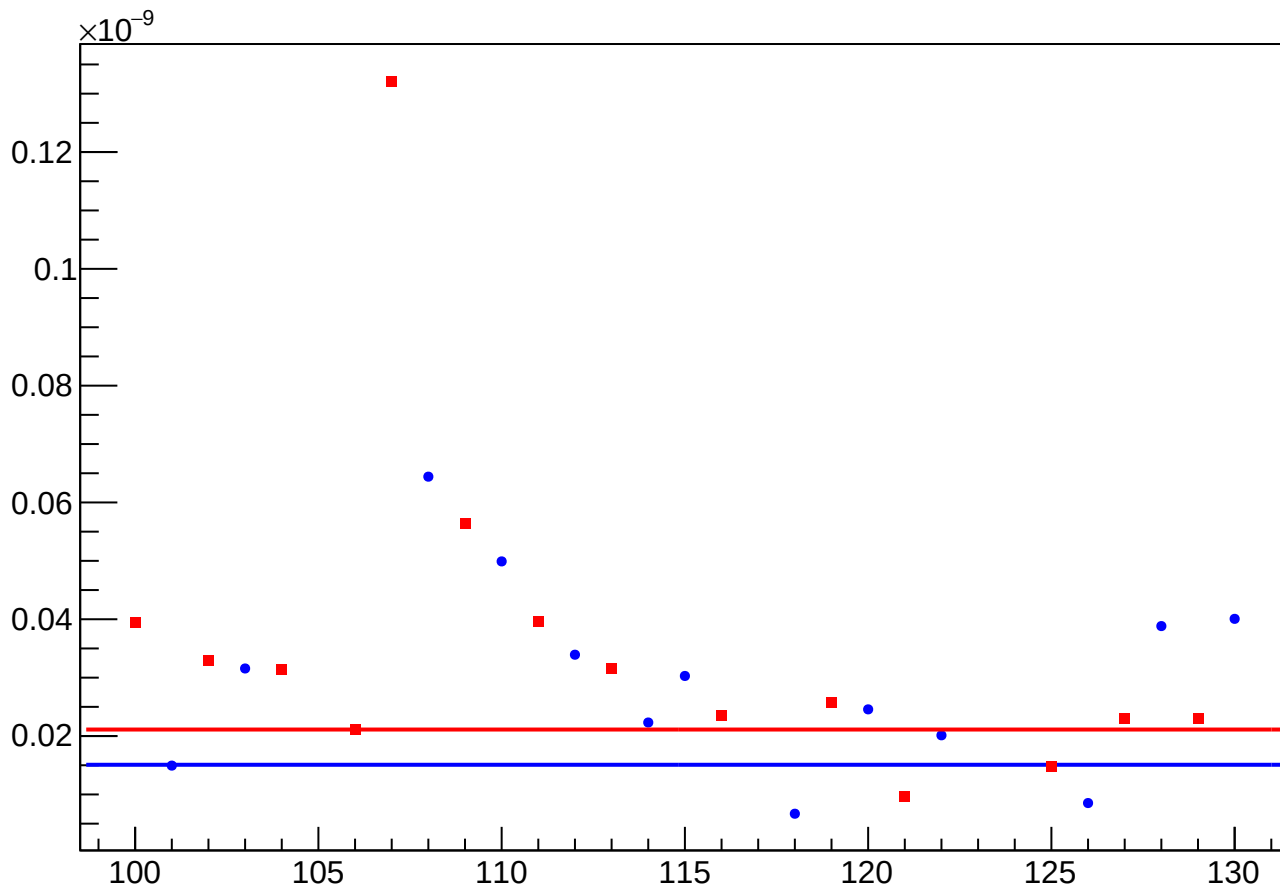
Right: 0.000+/-0.000 χ^2/NDF : 32.5/26

In: 0.000+/-0.000 χ^2/NDF : 20.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 32.5/26

asym_usl_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1574453.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

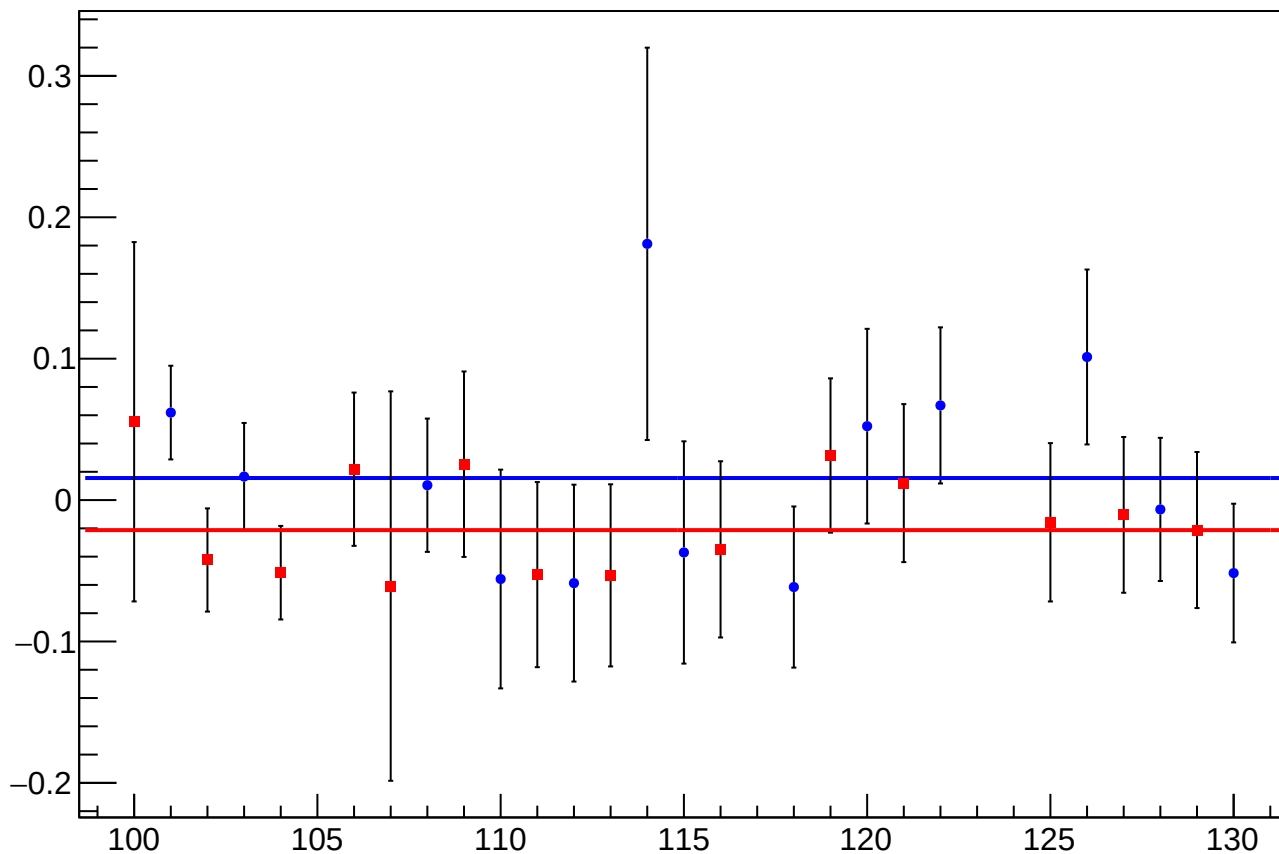
Right: 0.000+/-0.000 χ^2/NDF : 4033958.4/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4033958.4/26

asym_usl_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.016+/-0.015 χ^2/NDF : 12.8/12

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

Right Out: -0.021+/-0.015 χ^2/NDF : 4.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

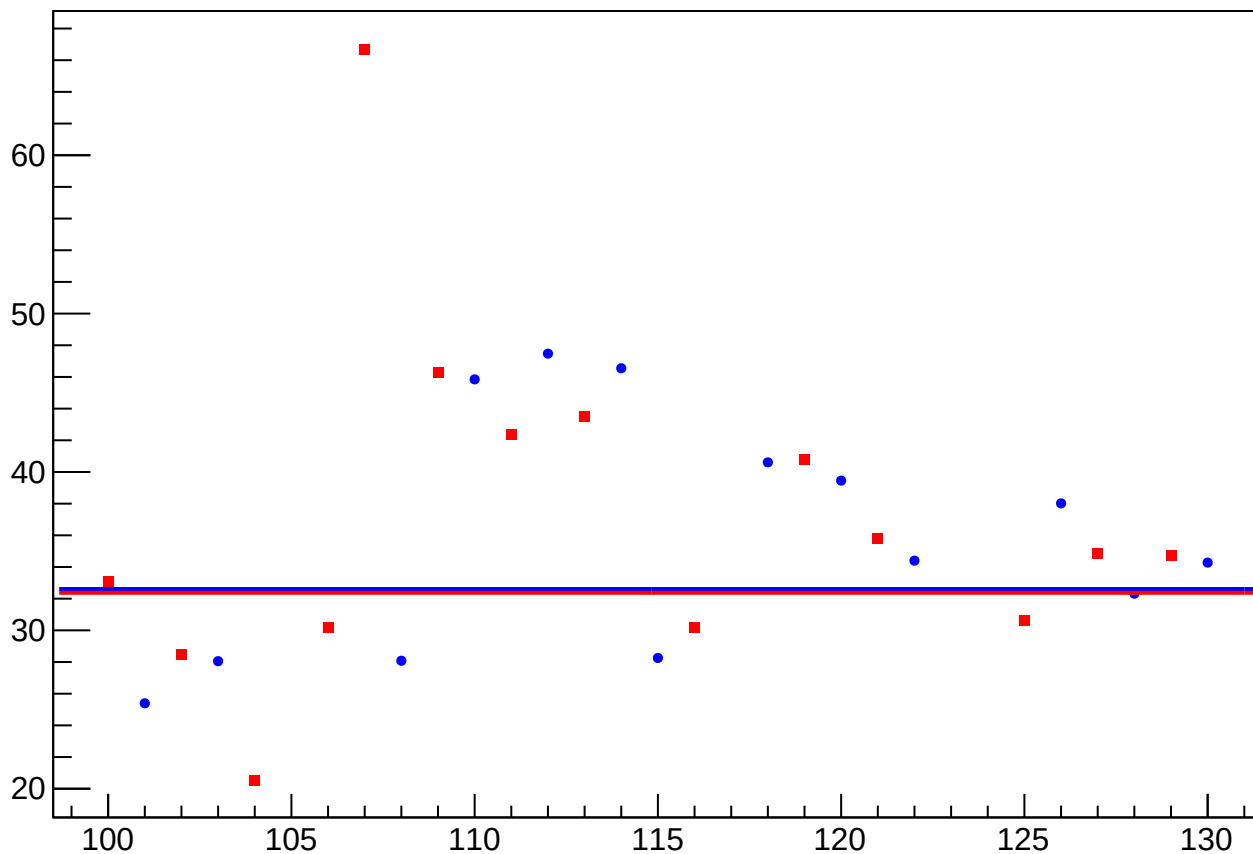
Right: -0.003+/-0.010 χ^2/NDF : 20.6/26

In: 0.016+/-0.015 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.003+/-0.010 χ^2/NDF : 20.6/26

asym_usl_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 32.371+/-0.010 χ^2/NDF : 671054.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

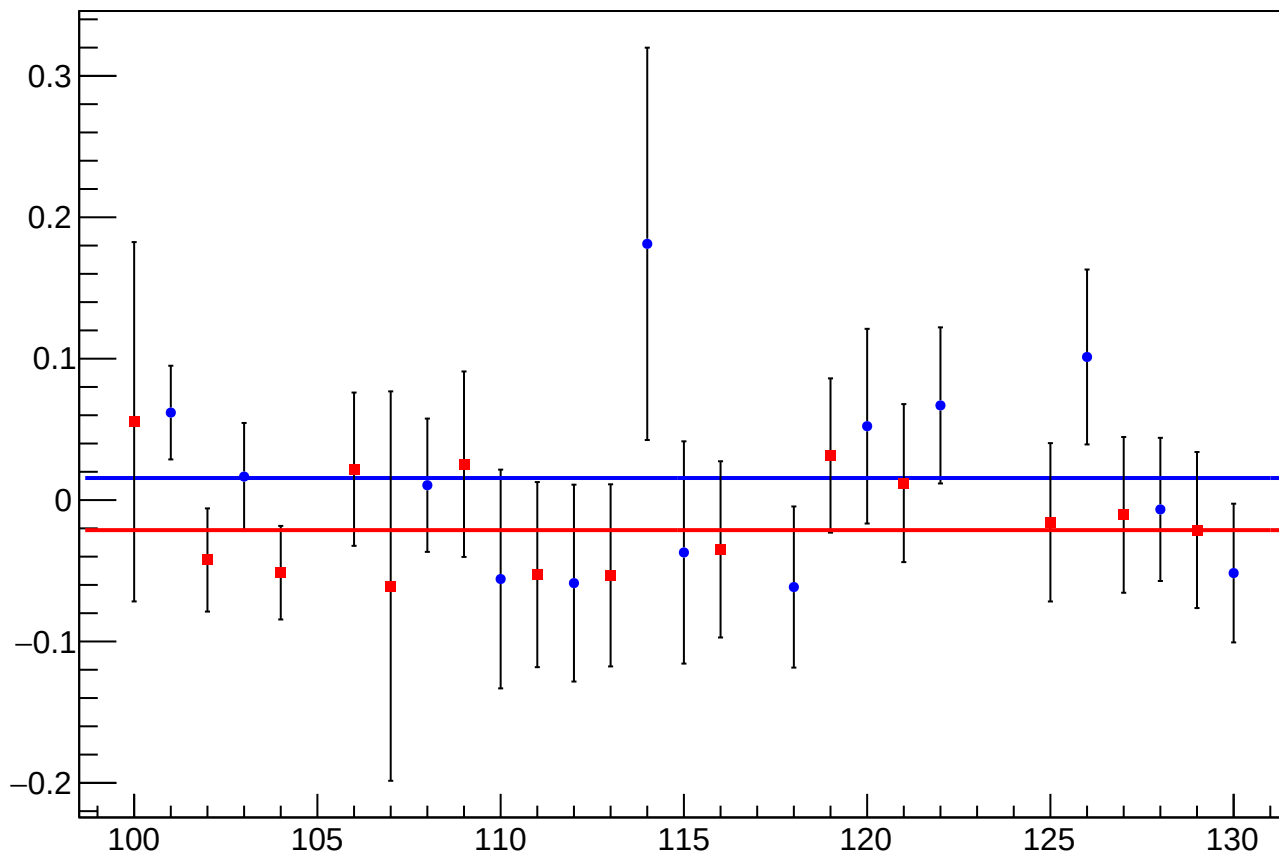
Right: 32.489+/-0.007 χ^2/NDF : 1068482.8/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.489+/-0.007 χ^2/NDF : 1068482.8/26

asym_usl_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.021 $\pm$ 0.015 χ^2 /NDF: 4.6/13

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

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

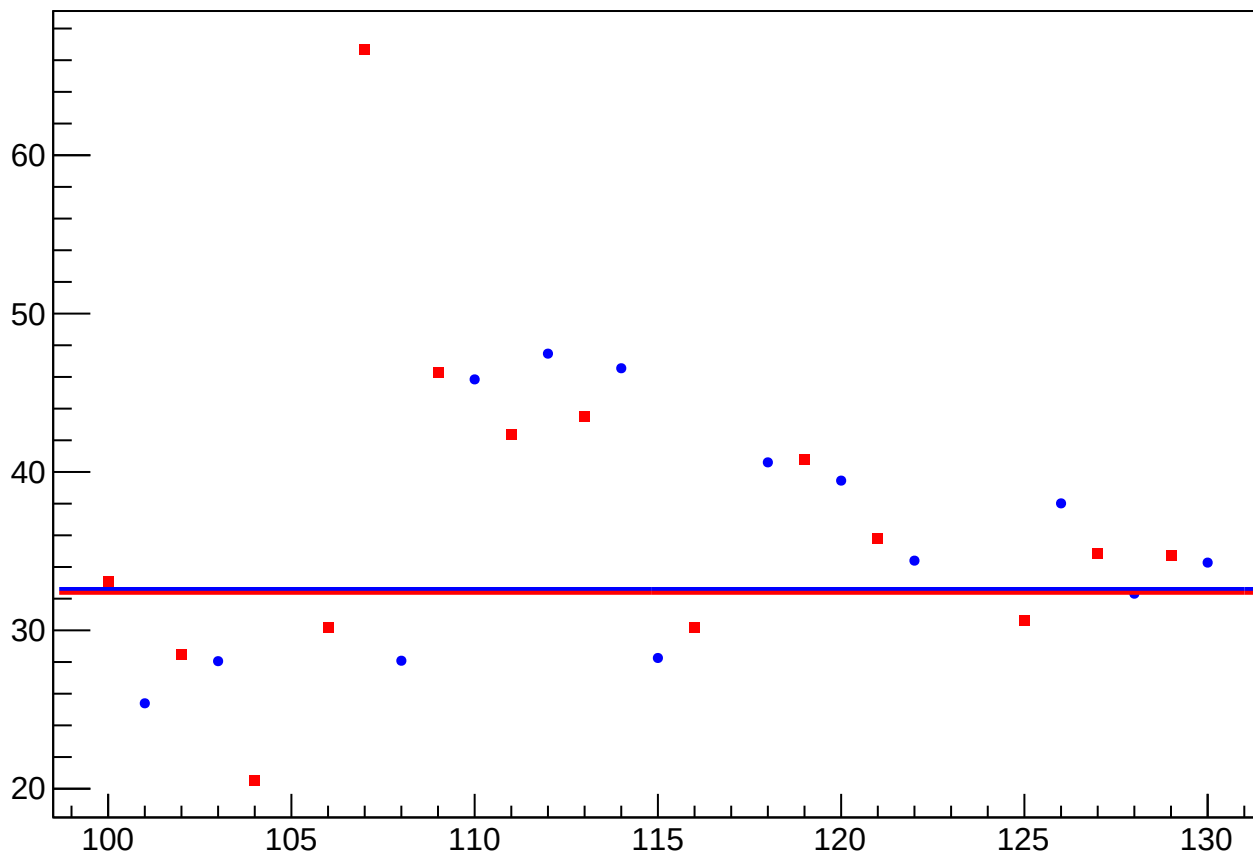
Right: -0.003 $\pm$ 0.010 χ^2 /NDF: 20.6/26

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.003 $\pm$ 0.010 χ^2 /NDF: 20.6/26

asym_usl_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 32.371+/-0.010 χ^2/NDF : 671054.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

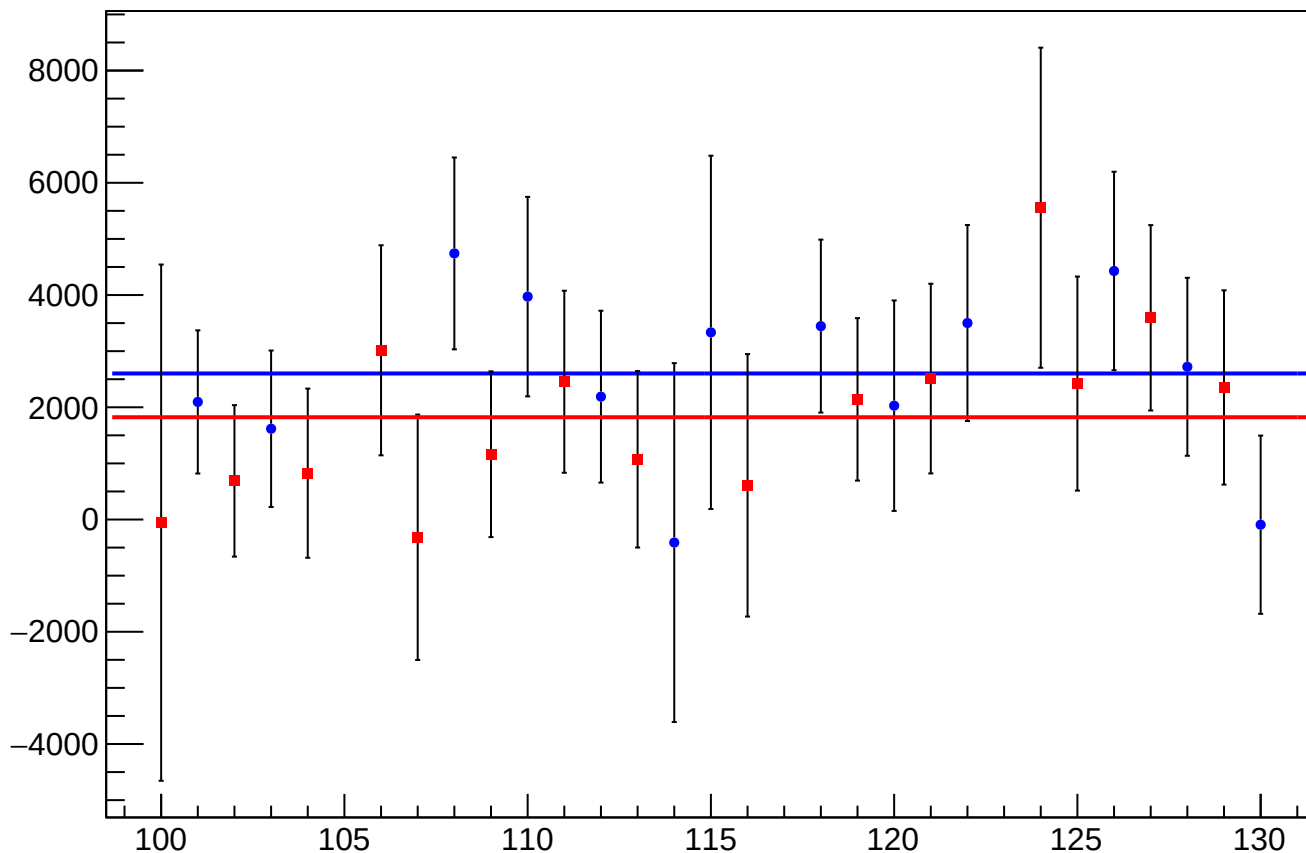
Right: 32.489+/-0.007 χ^2/NDF : 1068482.8/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.489+/-0.007 χ^2/NDF : 1068482.8/26

reg_asym_usr_mean vs Slug, Sign Corrected



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

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

Right Out: 1822.623+/-452.547 χ^2/NDF : 6.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

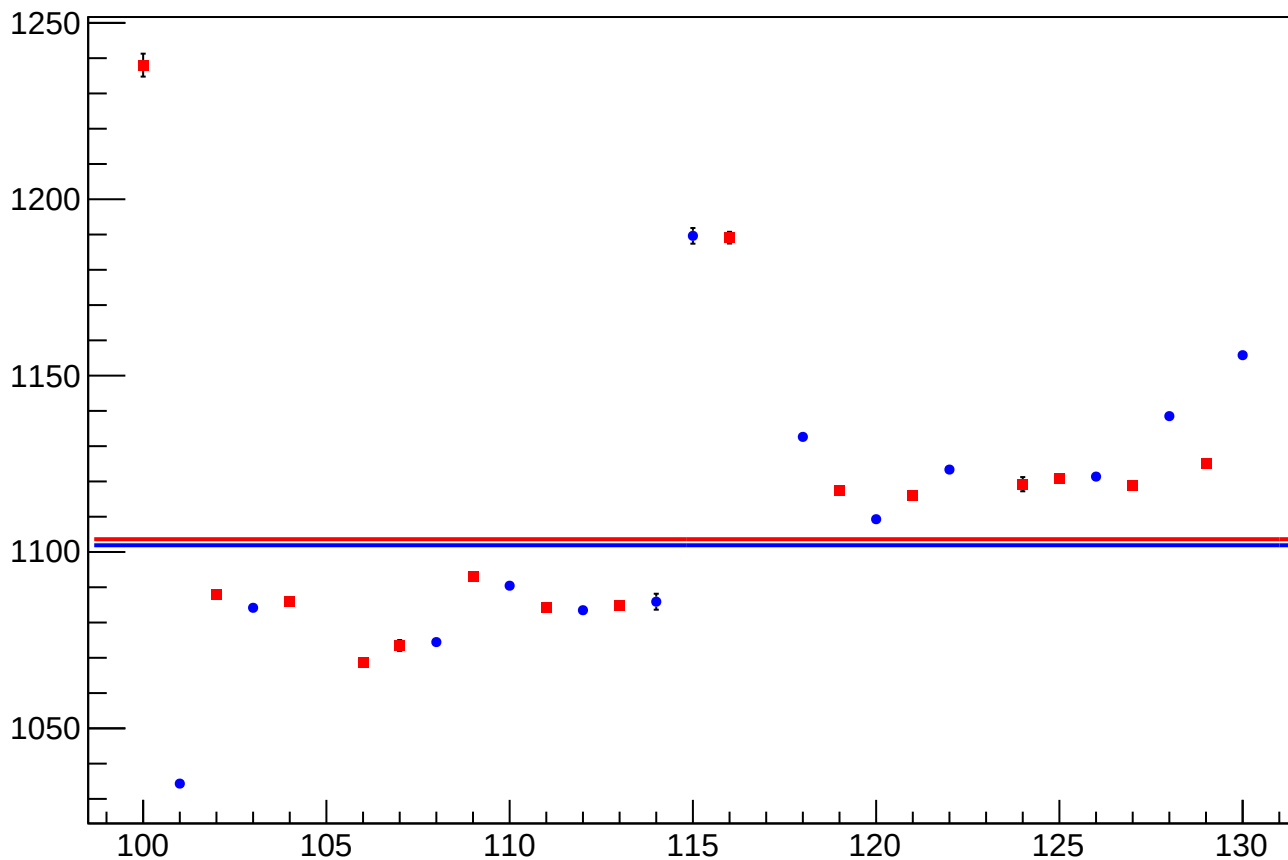
Right: 2199.169+/-325.400 χ^2/NDF : 16.7/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2199.169+/-325.400 χ^2/NDF : 16.7/27

reg_asym_usr_rms vs Slug, Sign Corrected



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

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

Right Out: 1103.626+/-0.320 χ^2/NDF : 7667.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

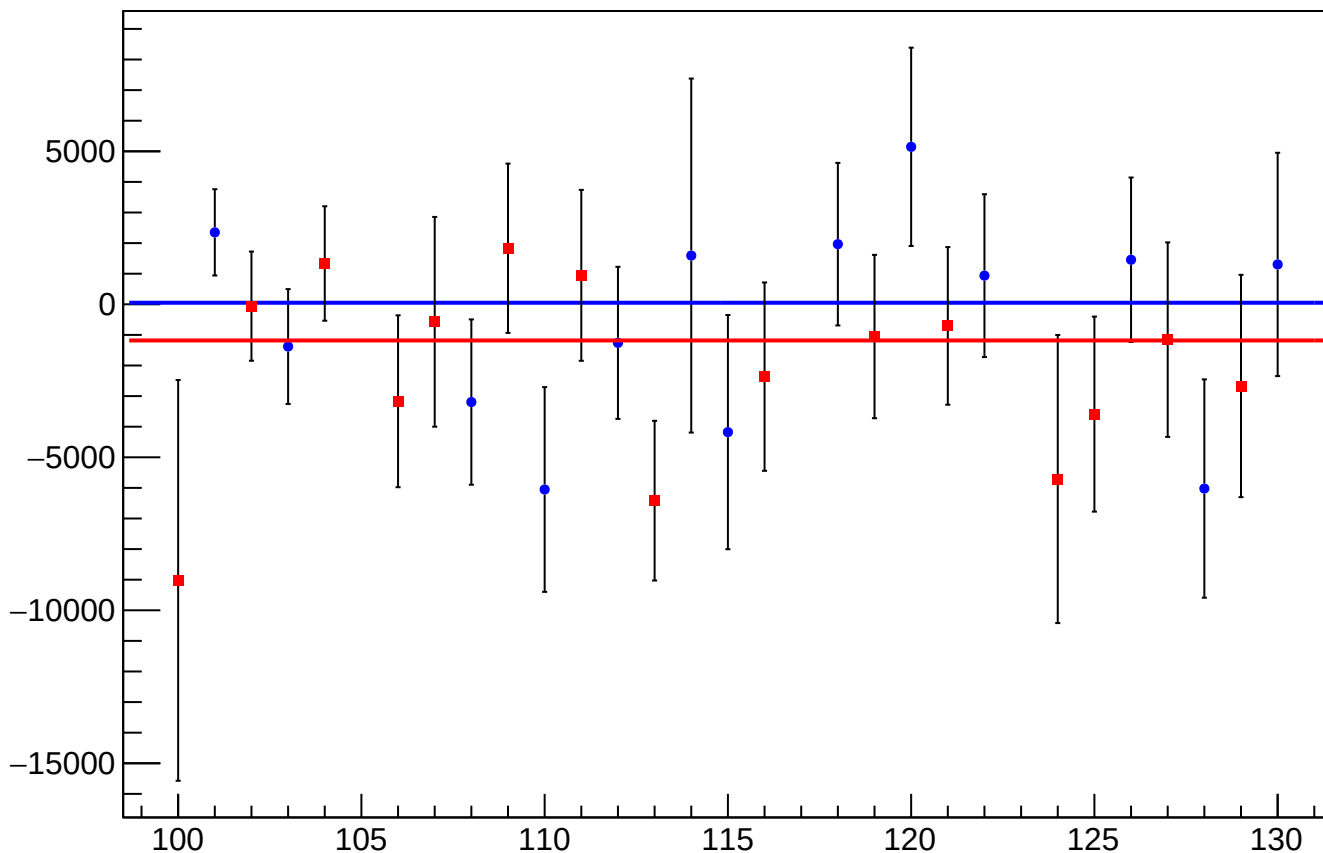
Right: 1102.793+/-0.230 χ^2/NDF : 20849.4/27

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1102.793+/-0.230 χ^2/NDF : 20849.4/27

asym_usr_reg_correction_mean vs Slug, Sign Corrected



Right In: 50.910+/-717.281 χ^2/NDF : 16.0/12

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

Right Out: -1181.706+/-715.009 χ^2/NDF : 11.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

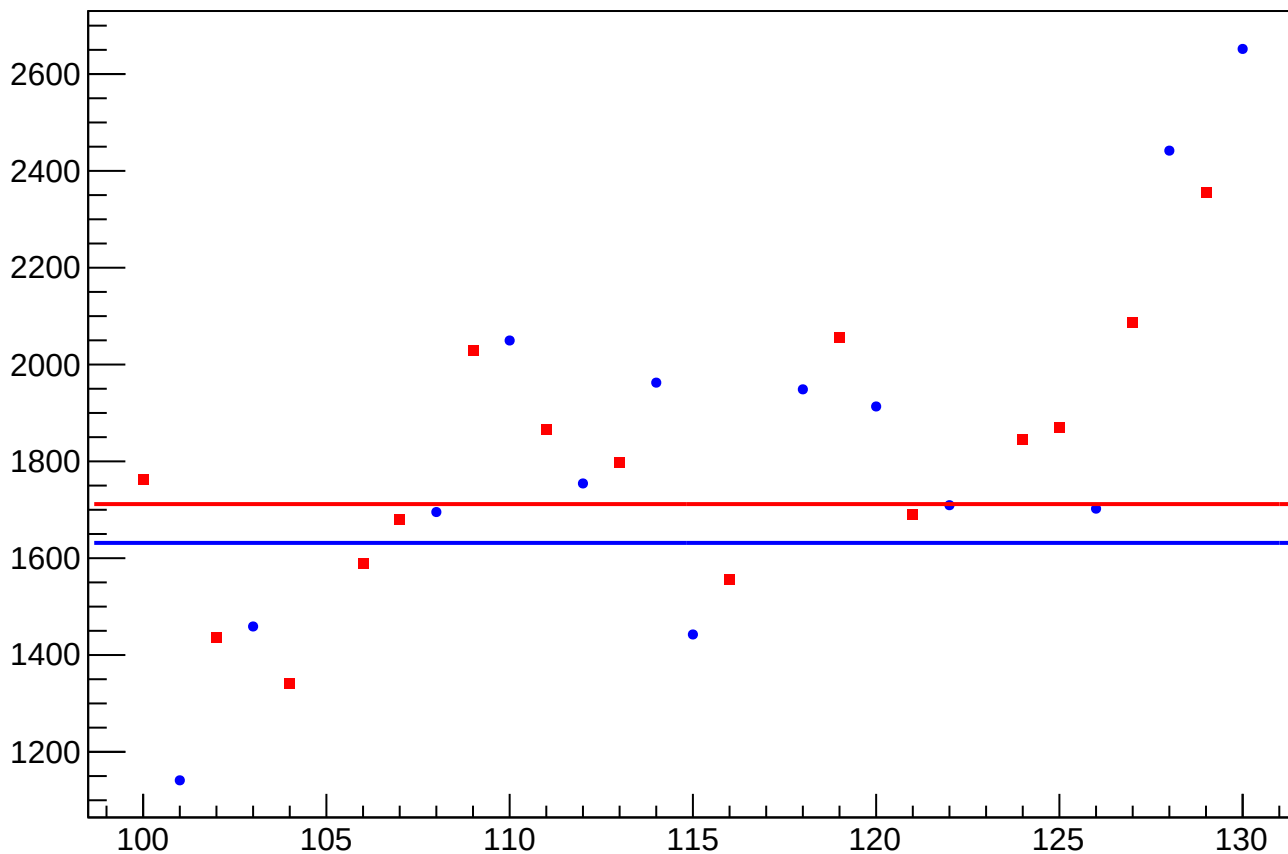
Right: -567.353+/-506.389 χ^2/NDF : 29.3/27

In: 50.910+/-717.281 χ^2/NDF : 16.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -567.353+/-506.389 χ^2/NDF : 29.3/27

asym_usr_reg_correction_rms vs Slug, Sign Corrected



Right In: 1631.607+/-0.507 χ^2/NDF : 613829.7/12

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

Right Out: 1711.760+/-0.506 χ^2/NDF : 300554.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

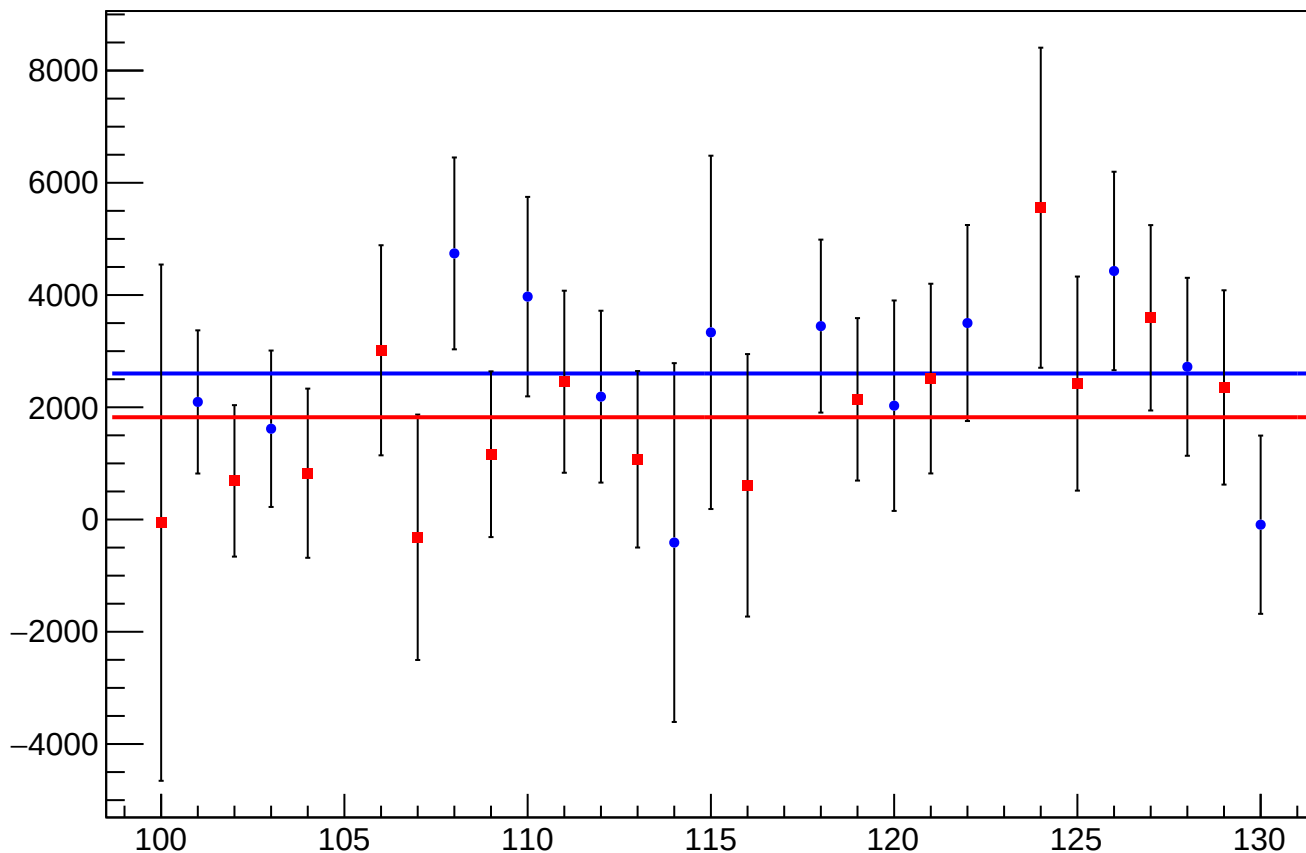
Right: 1671.811+/-0.358 χ^2/NDF : 926910.2/27

In: 1631.607+/-0.507 χ^2/NDF : 613829.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1671.811+/-0.358 χ^2/NDF : 926910.2/27

cor_asym_usr_mean vs Slug, Sign Corrected



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

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

Right Out: 1822.623+/-452.547 χ^2/NDF : 6.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

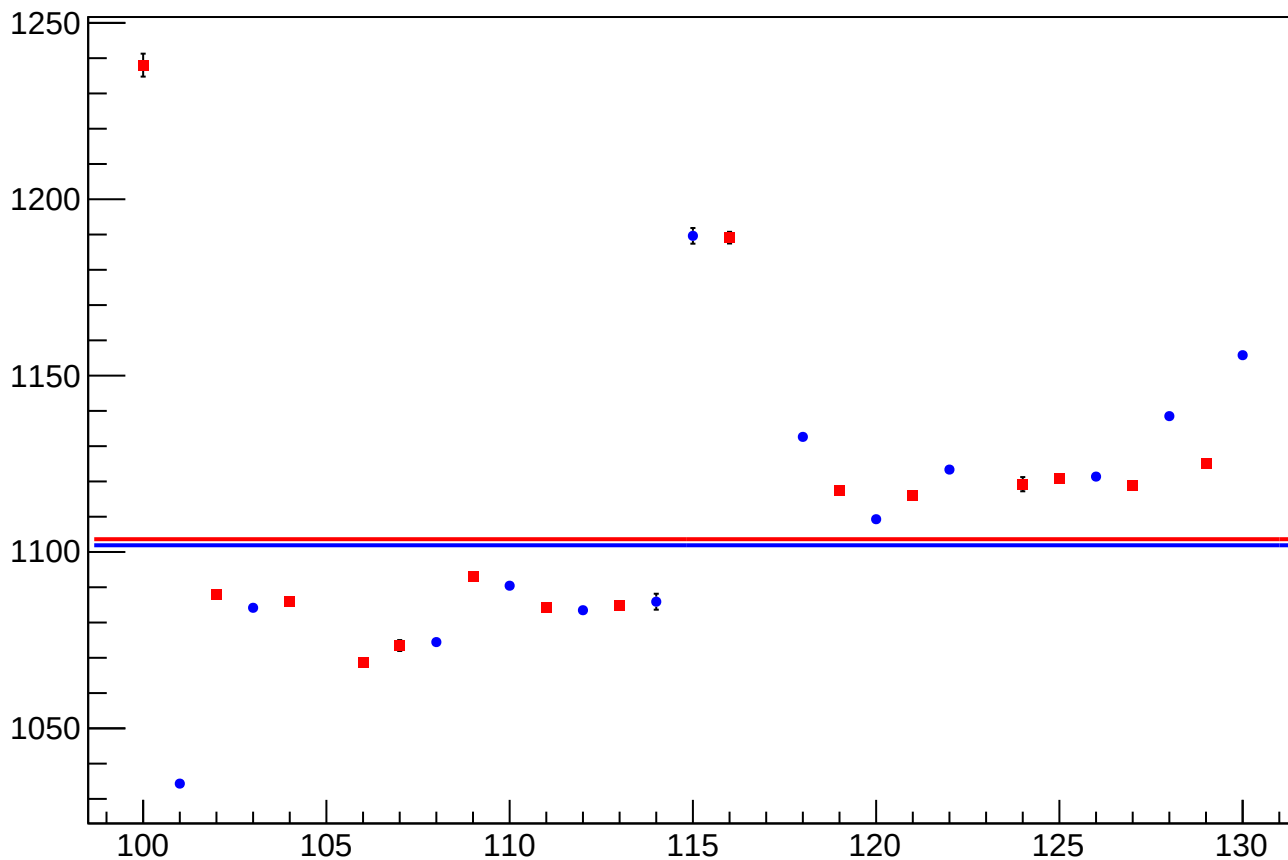
Right: 2199.169+/-325.400 χ^2/NDF : 16.7/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2199.169+/-325.400 χ^2/NDF : 16.7/27

cor_asym_usr_rms vs Slug, Sign Corrected



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

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

Right Out: 1103.626+/-0.320 χ^2/NDF : 7667.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

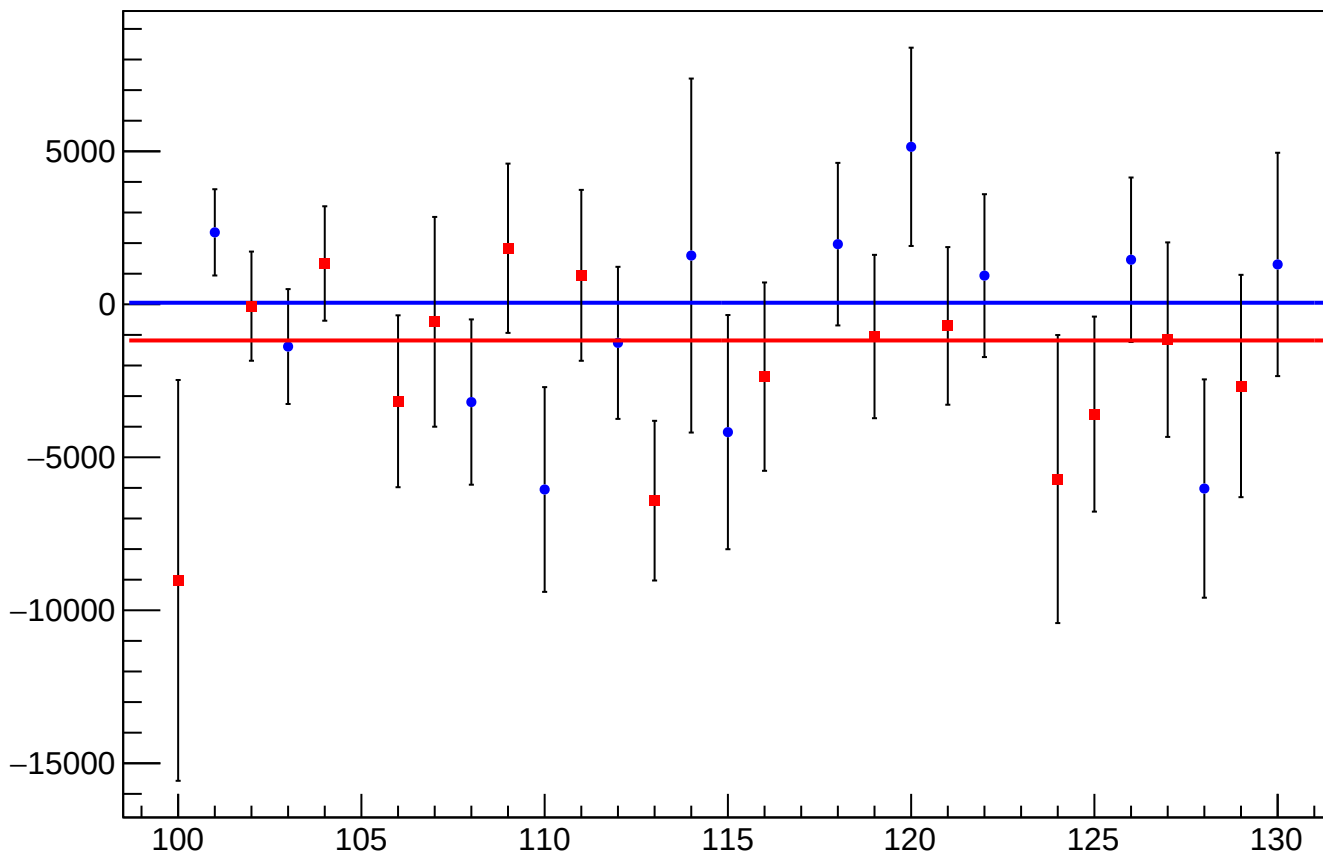
Right: 1102.793+/-0.230 χ^2/NDF : 20849.4/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1102.793+/-0.230 χ^2/NDF : 20849.4/27

asym_usr_cor_correction_mean vs Slug, Sign Corrected



Right In: 50.910+/-717.281 χ^2/NDF : 16.0/12

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

Right Out: -1181.706+/-715.009 χ^2/NDF : 11.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

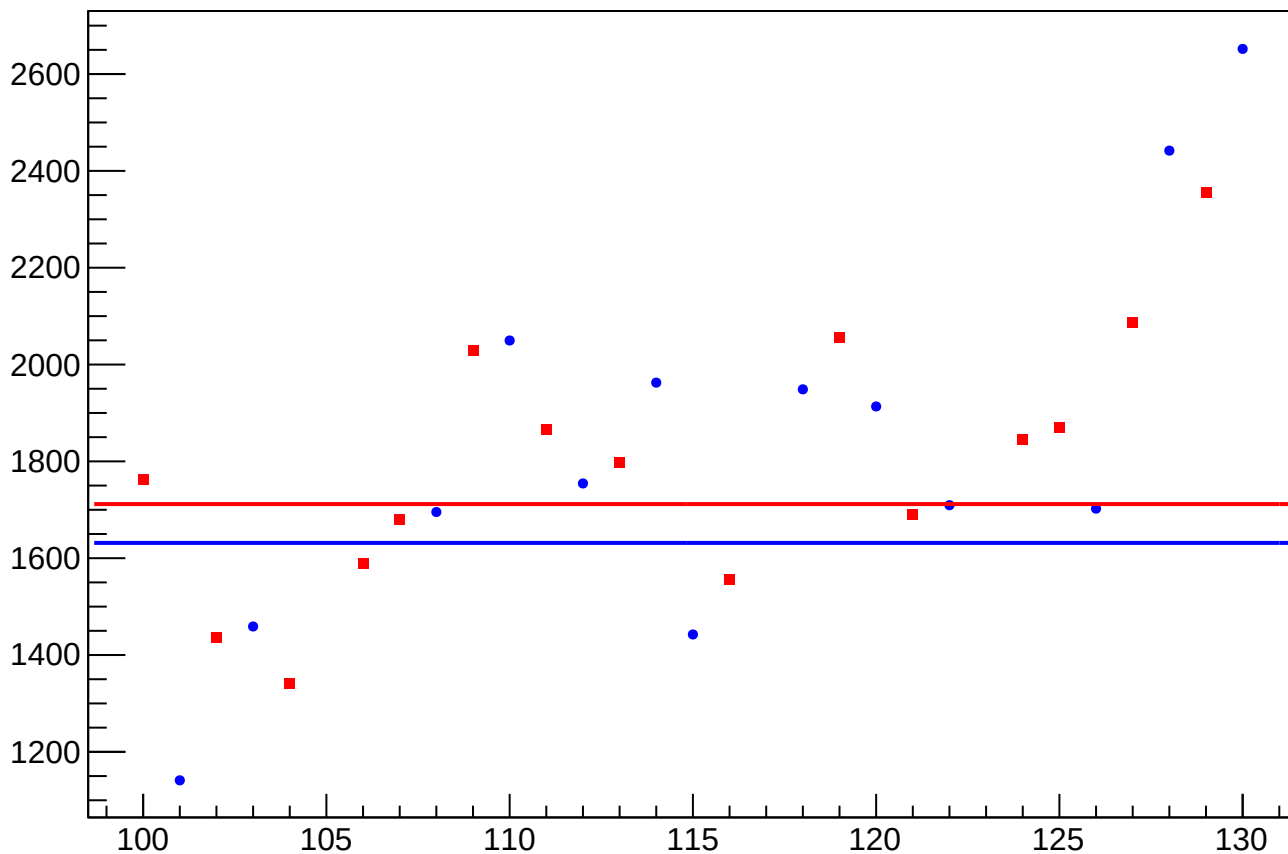
Right: -567.353+/-506.389 χ^2/NDF : 29.3/27

In: 50.910+/-717.281 χ^2/NDF : 16.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -567.353+/-506.389 χ^2/NDF : 29.3/27

asym_usr_cor_correction_rms vs Slug, Sign Corrected



Right In: 1631.607+/-0.507 χ^2/NDF : 613829.7/12

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

Right Out: 1711.760+/-0.506 χ^2/NDF : 300554.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

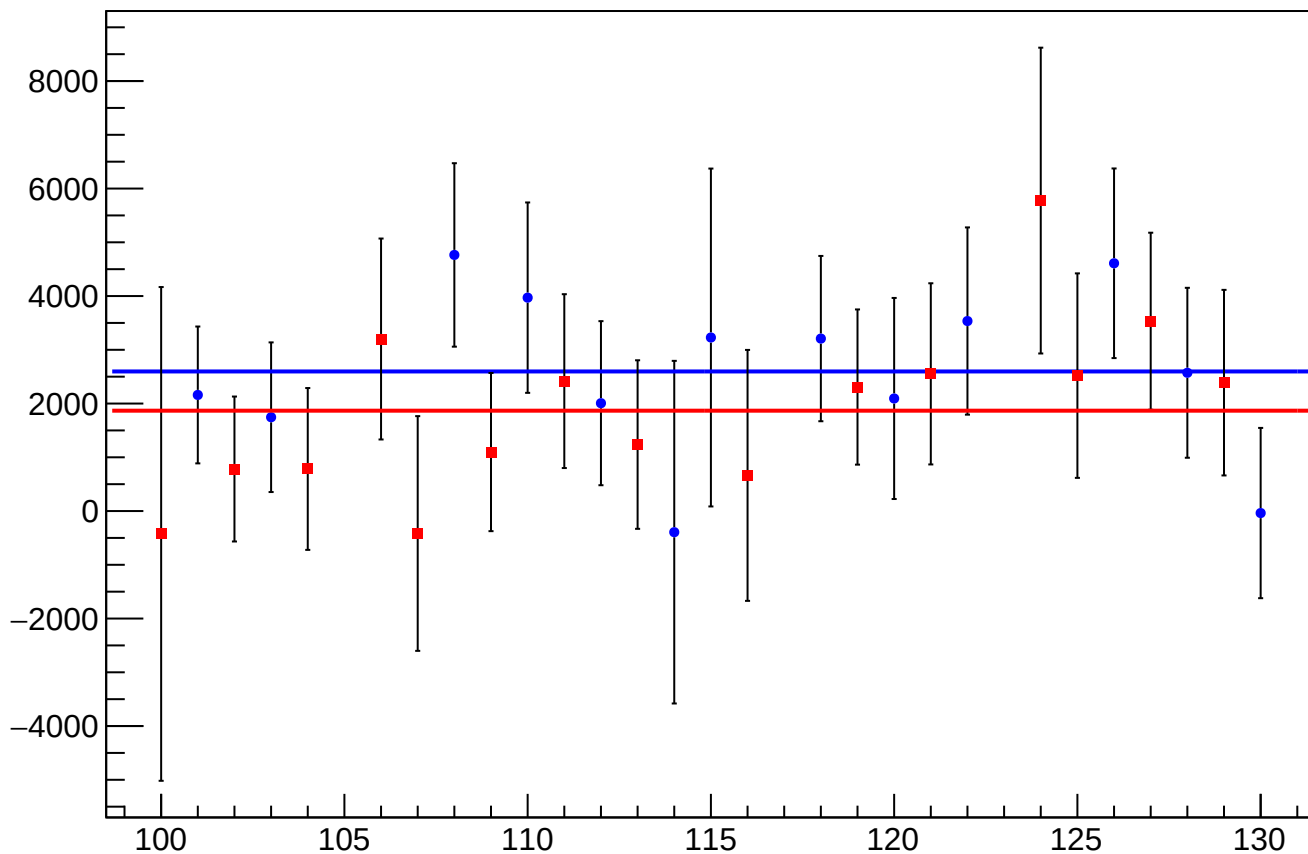
Right: 1671.811+/-0.358 χ^2/NDF : 926910.2/27

In: 1631.607+/-0.507 χ^2/NDF : 613829.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1671.811+/-0.358 χ^2/NDF : 926910.2/27

overload_cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2597.159+/-467.132 χ^2/NDF : 8.4/12

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

Right Out: 1867.296+/-451.519 χ^2/NDF : 7.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

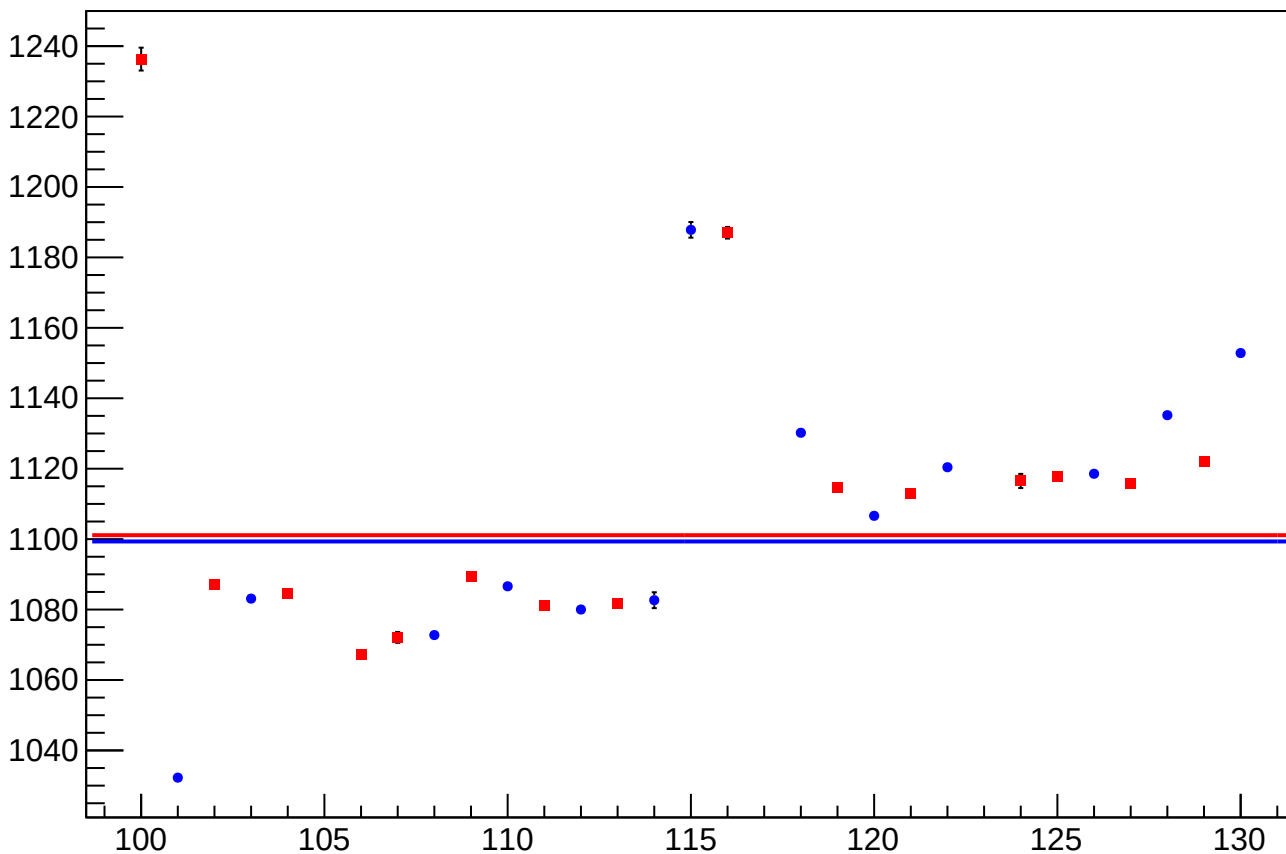
Right: 2219.826+/-324.651 χ^2/NDF : 16.8/27

In: 2597.159+/-467.132 χ^2/NDF : 8.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2219.826+/-324.651 χ^2/NDF : 16.8/27

overload_cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1099.339+/-0.330 χ^2/NDF : 13049.1/12

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

Right Out: 1101.122+/-0.319 χ^2/NDF : 7586.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

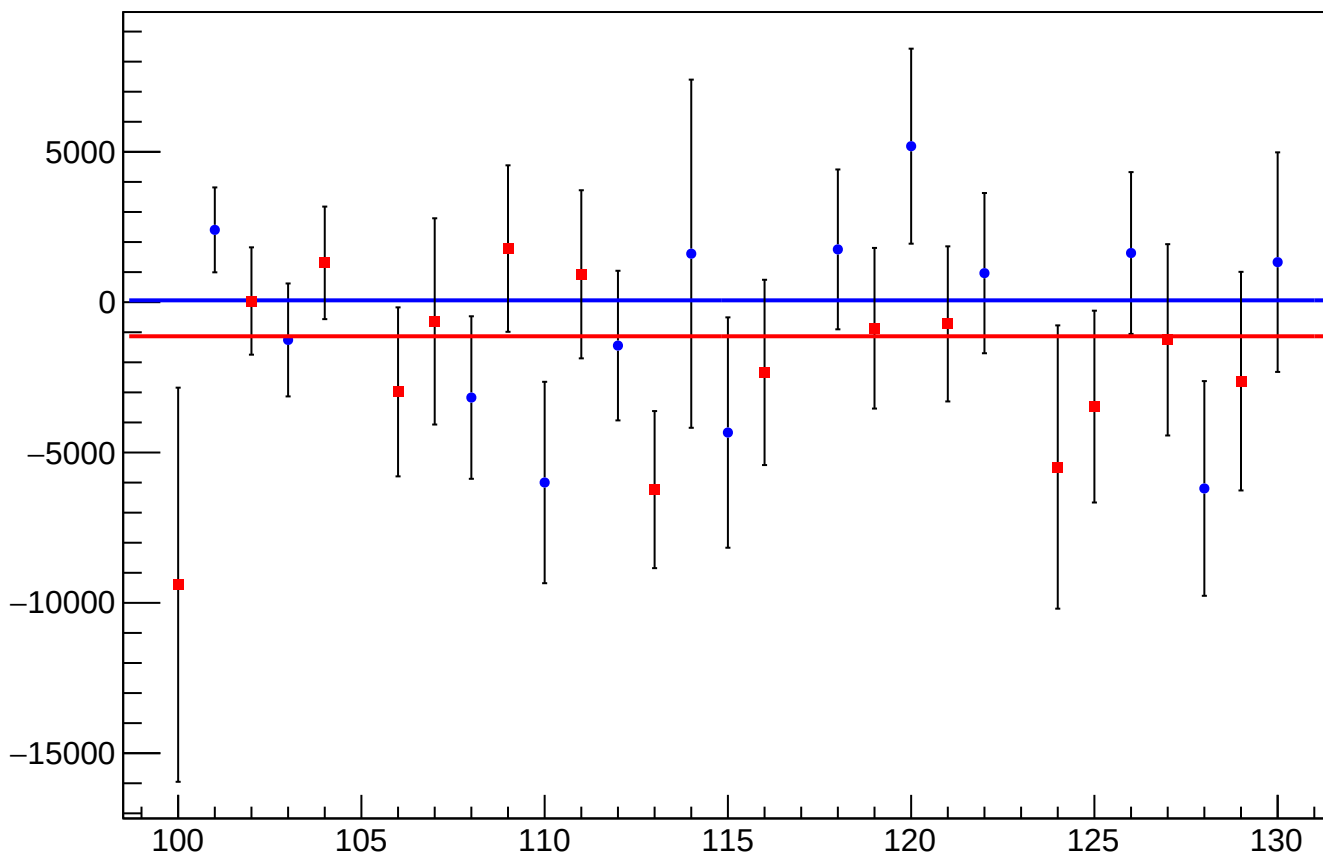
Right: 1100.261+/-0.230 χ^2/NDF : 20650.1/27

In: 1099.339+/-0.330 χ^2/NDF : 13049.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1100.261+/-0.230 χ^2/NDF : 20650.1/27

asym_usr_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 61.196+/-718.038 χ^2/NDF : 16.3/12

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

Right Out: -1133.758+/-715.599 χ^2/NDF : 11.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

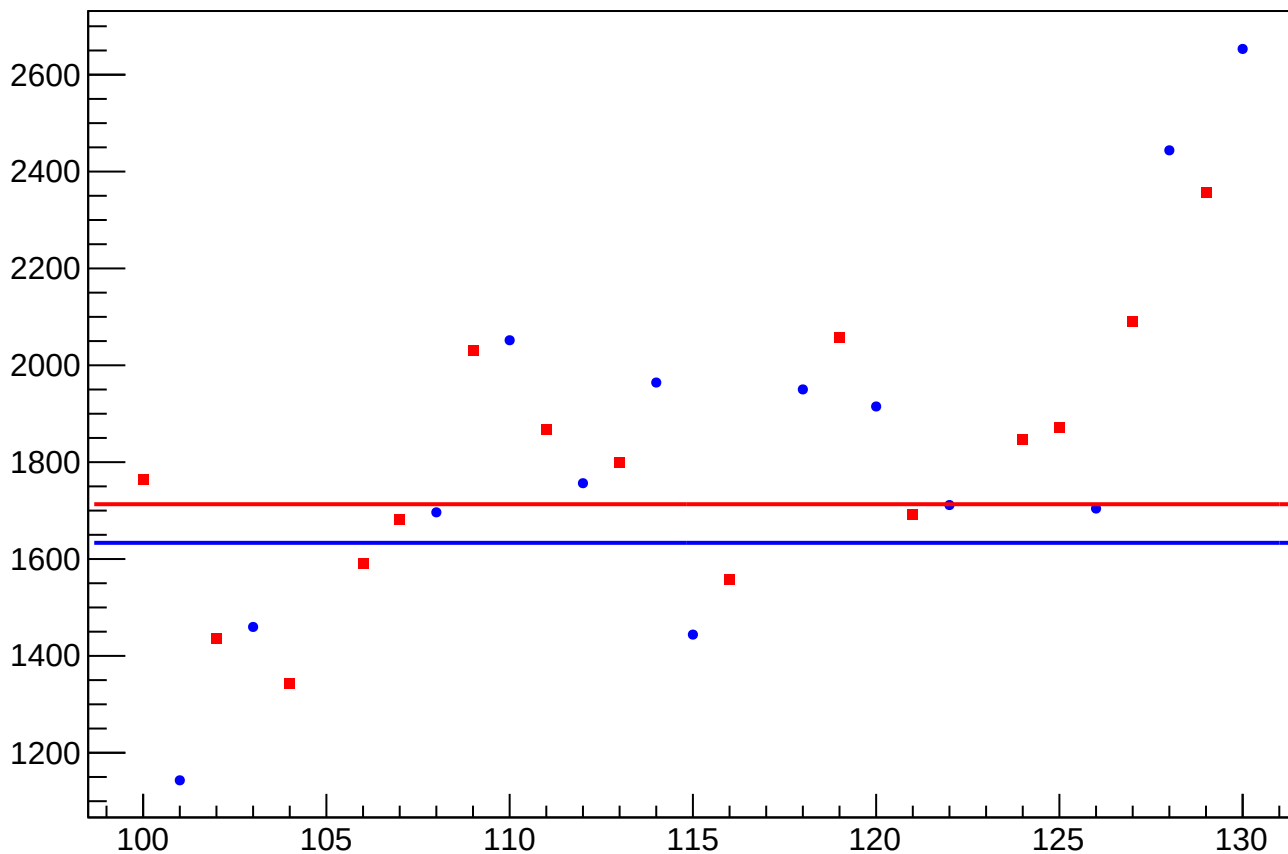
Right: -538.314+/-506.865 χ^2/NDF : 29.0/27

In: 61.196+/-718.038 χ^2/NDF : 16.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -538.314+/-506.865 χ^2/NDF : 29.0/27

asym_usr_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 1633.454+/-0.508 χ^2/NDF : 612511.7/12

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

Right Out: 1713.177+/-0.506 χ^2/NDF : 300735.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

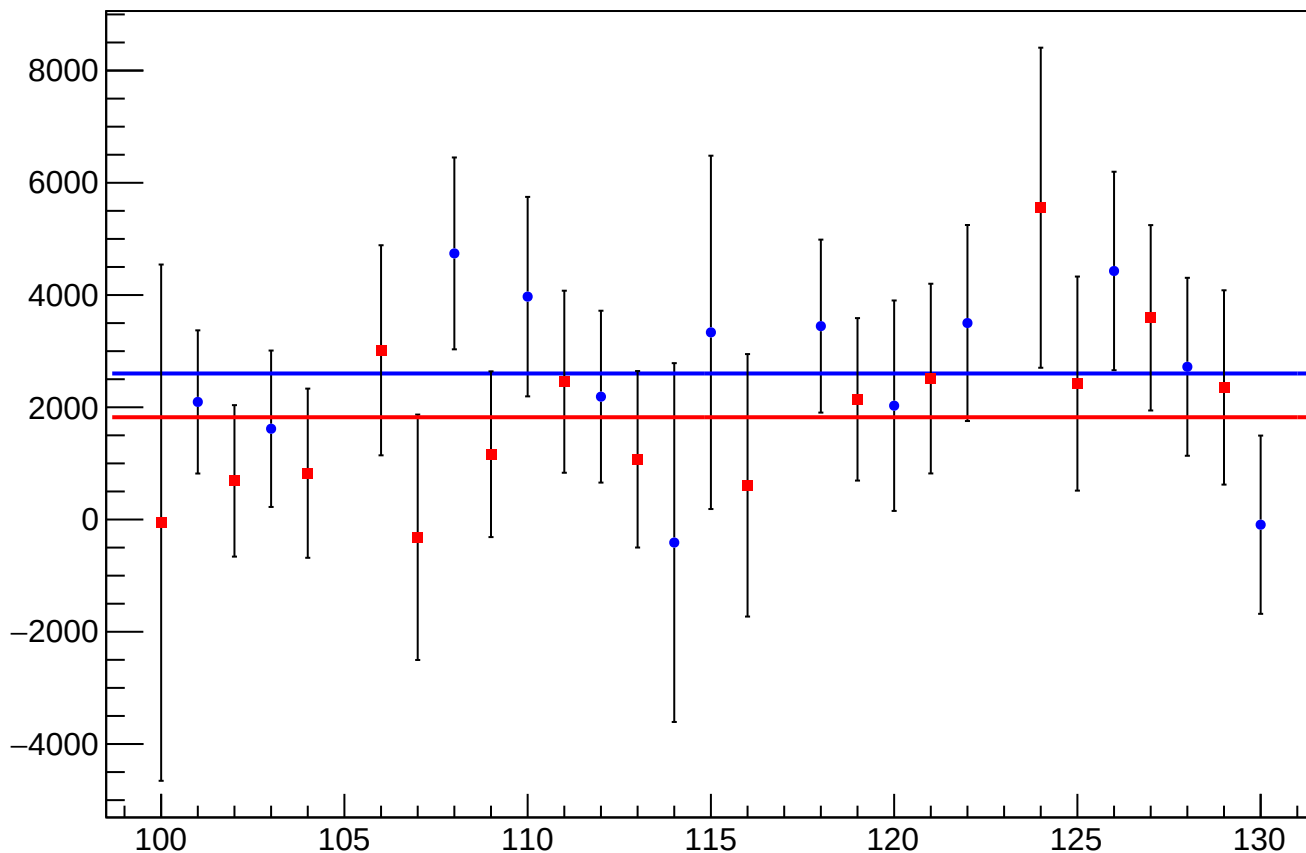
Right: 1673.452+/-0.358 χ^2/NDF : 925616.9/27

In: 1633.454+/-0.508 χ^2/NDF : 612511.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1673.452+/-0.358 χ^2/NDF : 925616.9/27

eigen_cor_asym_usr_mean vs Slug, Sign Corrected



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

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

Right Out: 1822.623+/-452.547 χ^2/NDF : 6.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

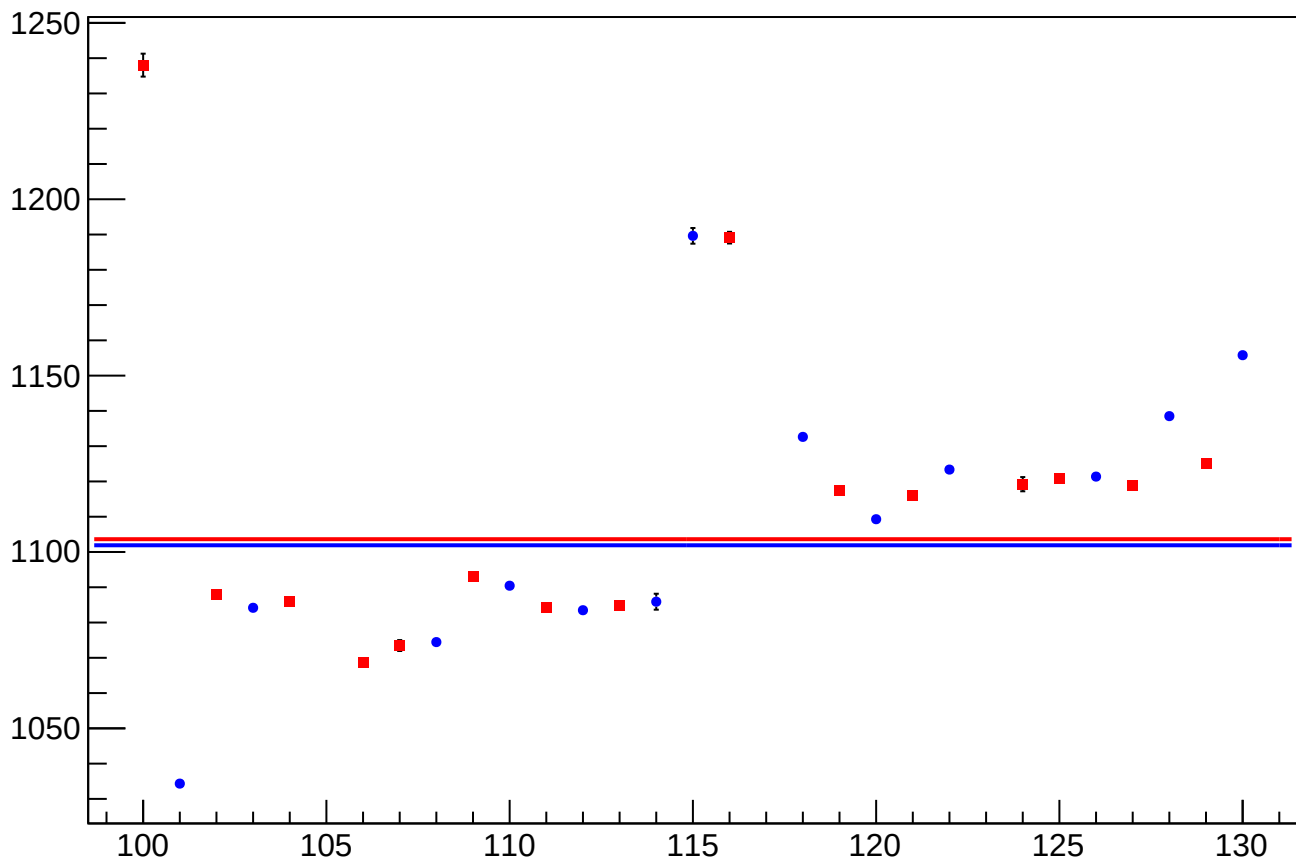
Right: 2199.169+/-325.400 χ^2/NDF : 16.7/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2199.169+/-325.400 χ^2/NDF : 16.7/27

eigen_cor_asym_usr_rms vs Slug, Sign Corrected



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

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

Right Out: 1103.626+/-0.320 χ^2/NDF : 7667.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

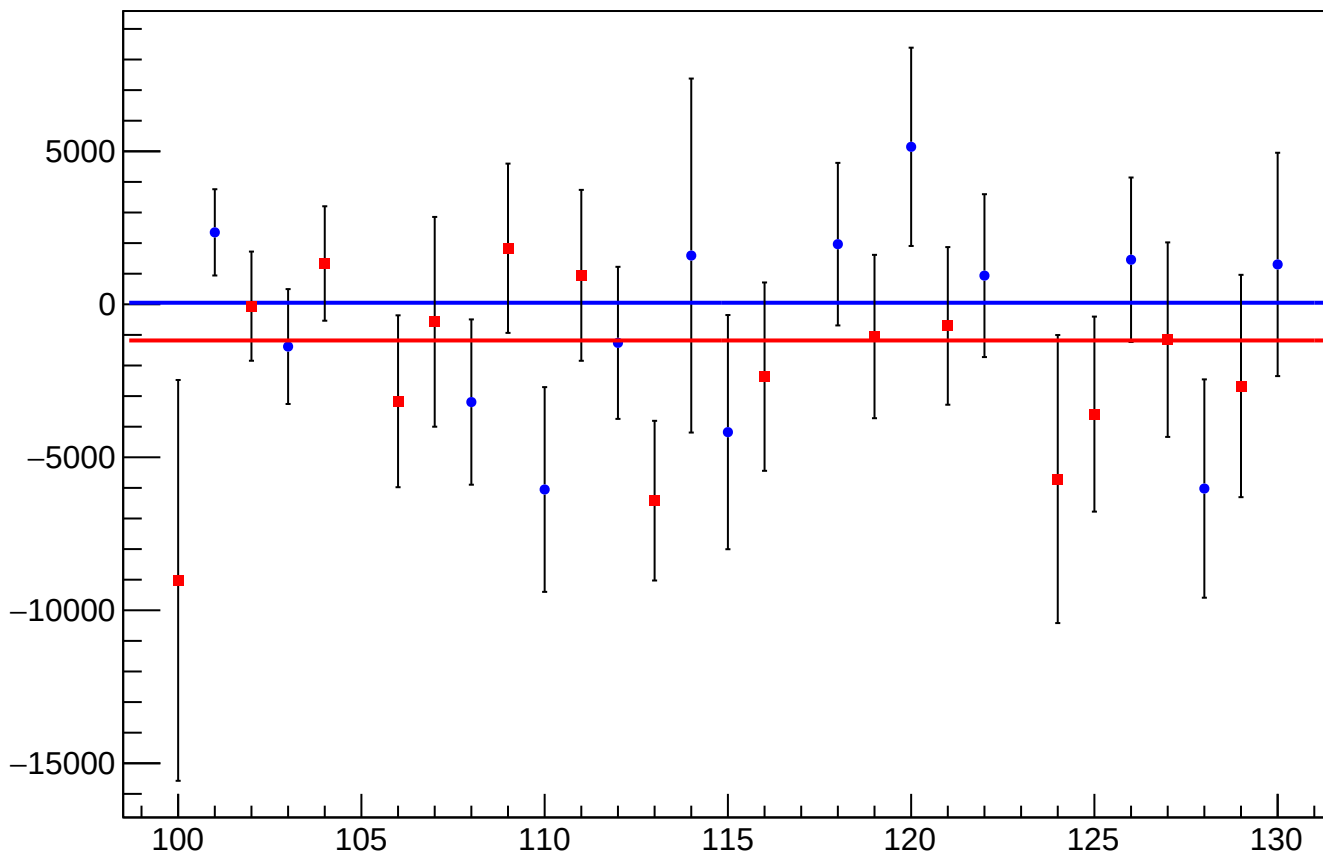
Right: 1102.793+/-0.230 χ^2/NDF : 20849.4/27

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1102.793+/-0.230 χ^2/NDF : 20849.4/27

asym_usr_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 50.910+/-717.281 χ^2/NDF : 16.0/12

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

Right Out: -1181.706+/-715.009 χ^2/NDF : 11.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

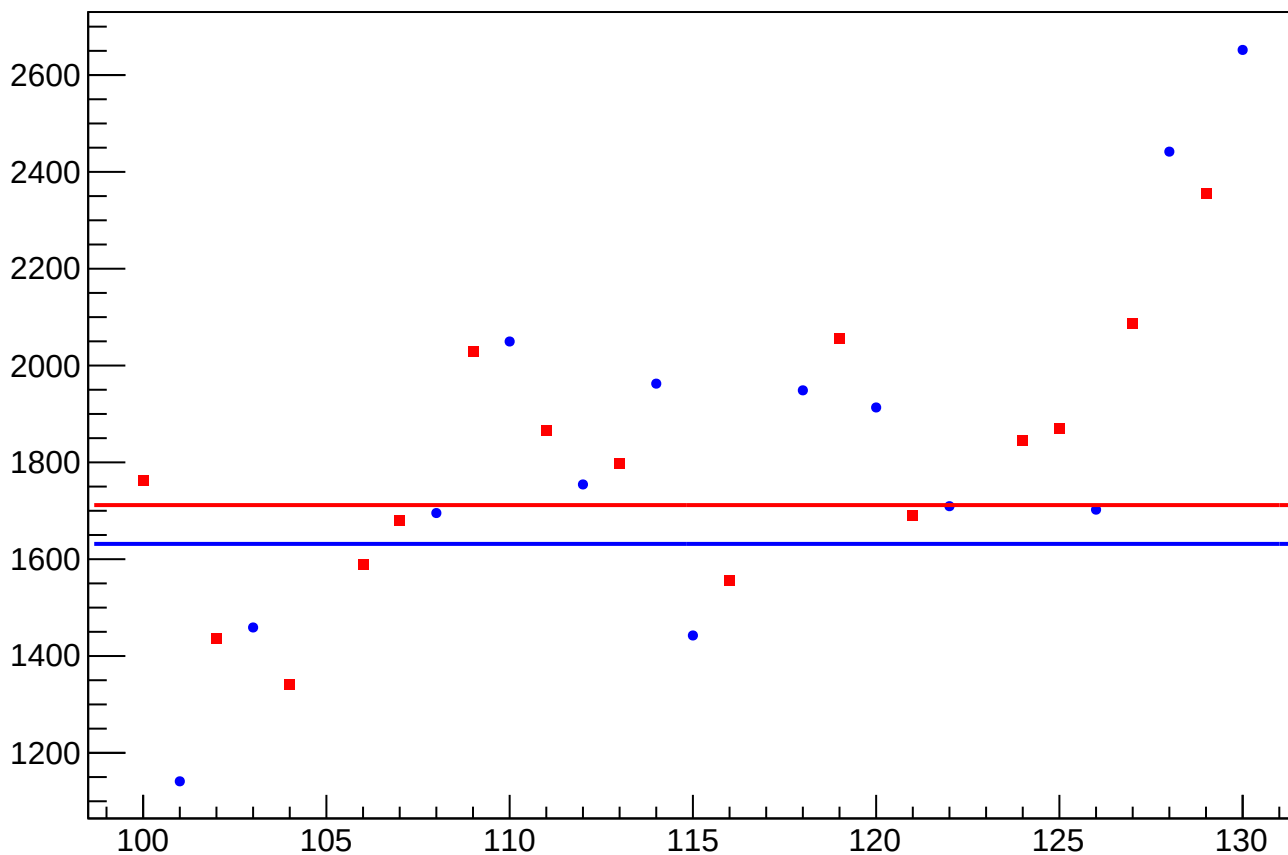
Right: -567.353+/-506.389 χ^2/NDF : 29.3/27

In: 50.910+/-717.281 χ^2/NDF : 16.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -567.353+/-506.389 χ^2/NDF : 29.3/27

asym_usr_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1631.607+/-0.507 χ^2/NDF : 613829.7/12

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

Right Out: 1711.760+/-0.506 χ^2/NDF : 300554.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

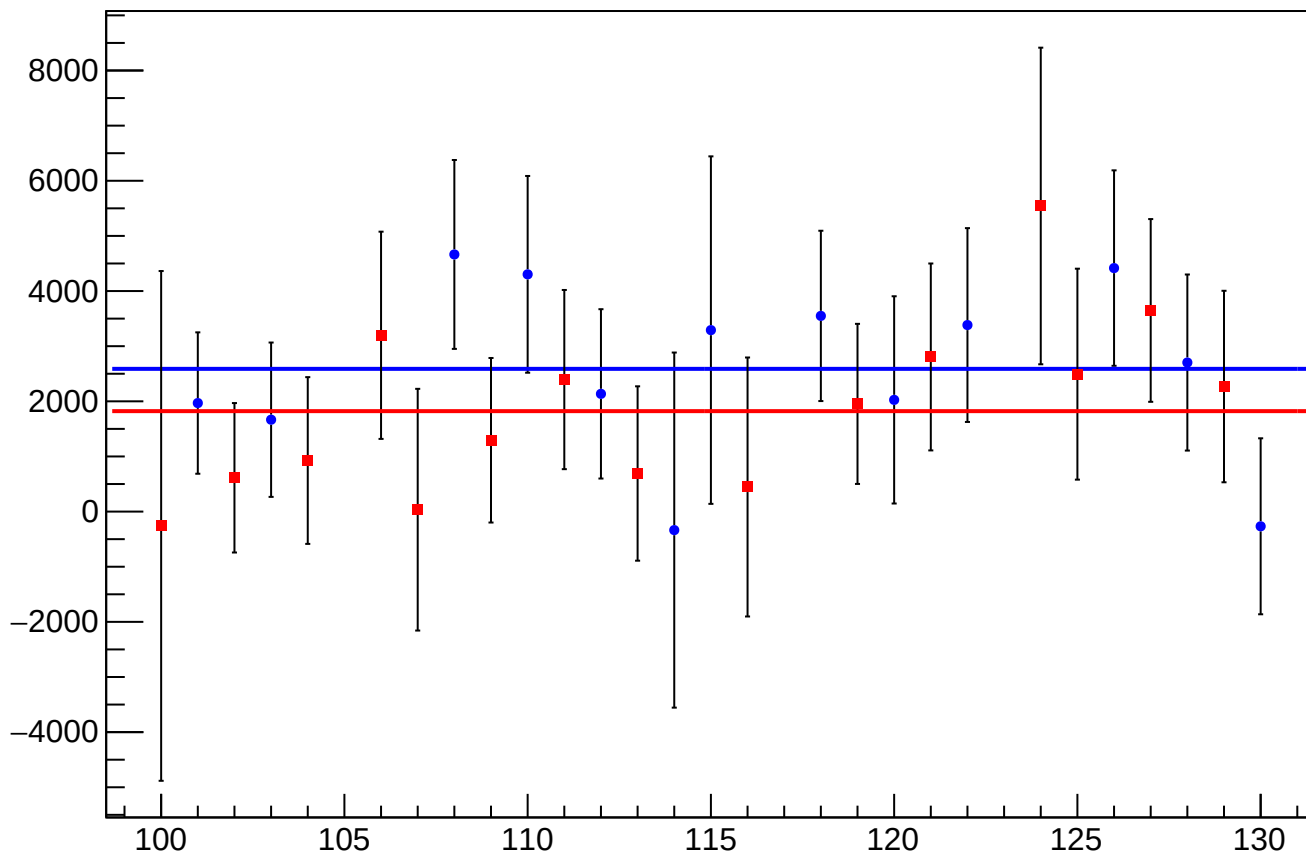
Right: 1671.811+/-0.358 χ^2/NDF : 926910.2/27

In: 1631.607+/-0.507 χ^2/NDF : 613829.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1671.811+/-0.358 χ^2/NDF : 926910.2/27

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2588.817+/-470.150 χ^2/NDF : 9.0/12

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

Right Out: 1821.925+/-454.458 χ^2/NDF : 7.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

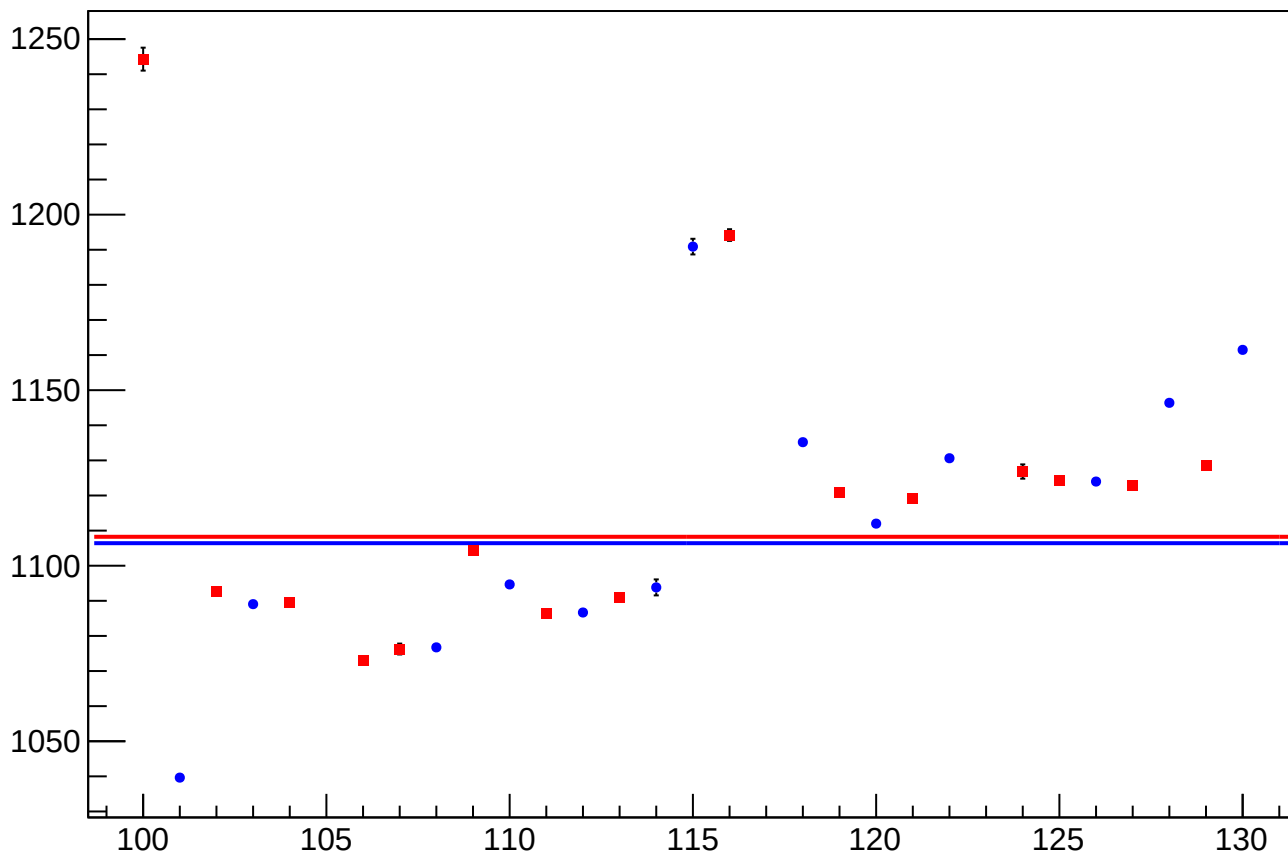
Right: 2192.360+/-326.757 χ^2/NDF : 17.4/27

In: 2588.817+/-470.150 χ^2/NDF : 9.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2192.360+/-326.757 χ^2/NDF : 17.4/27

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1106.416+/-0.332 χ^2/NDF : 13140.5/12

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

Right Out: 1108.239+/-0.321 χ^2/NDF : 7622.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

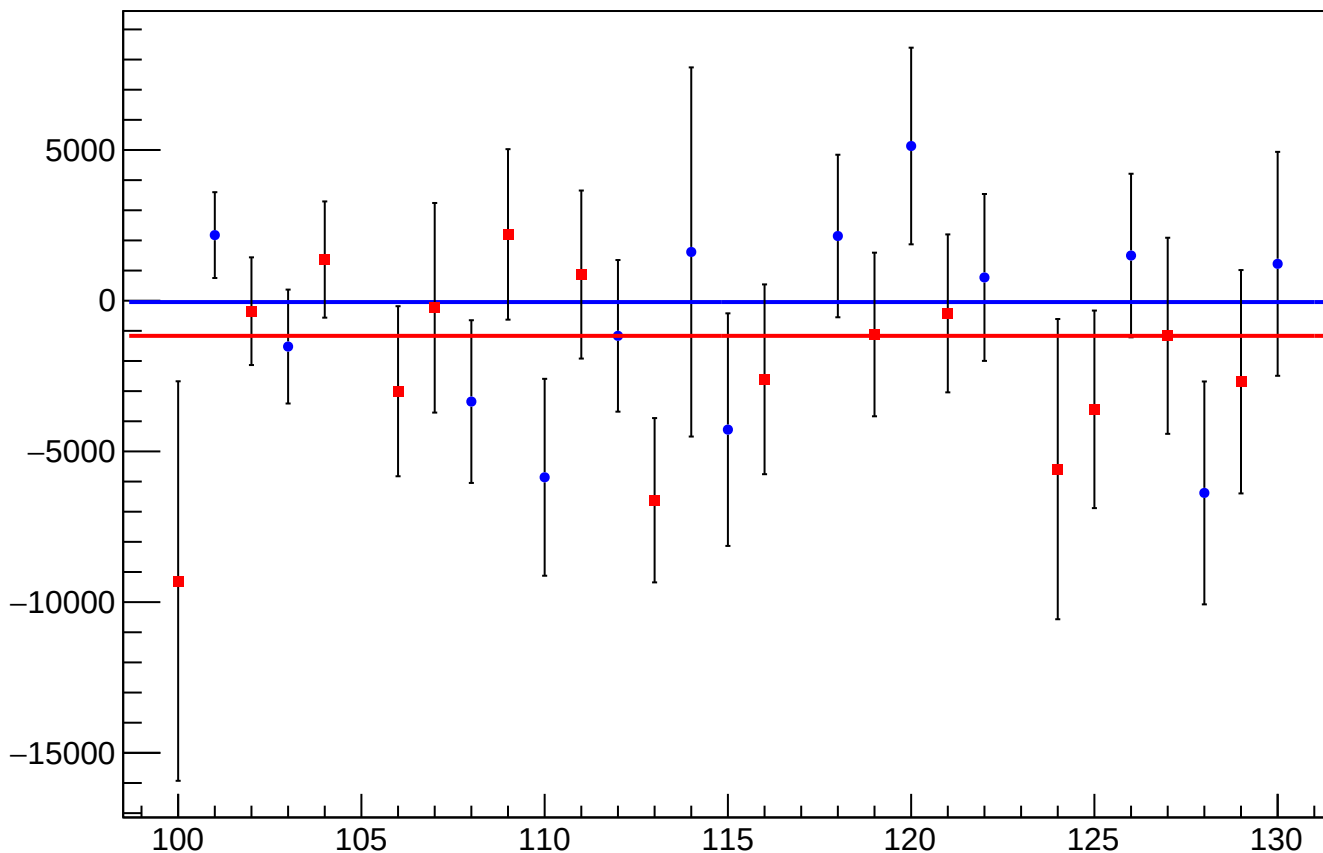
Right: 1107.359+/-0.231 χ^2/NDF : 20778.4/27

In: 1106.416+/-0.332 χ^2/NDF : 13140.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1107.359+/-0.231 χ^2/NDF : 20778.4/27

asym_usr_dit_correction_mean vs Slug, Sign Corrected



Right In: -44.829+/-725.503 χ^2/NDF : 15.8/12

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

Right Out: -1166.104+/-728.391 χ^2/NDF : 11.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

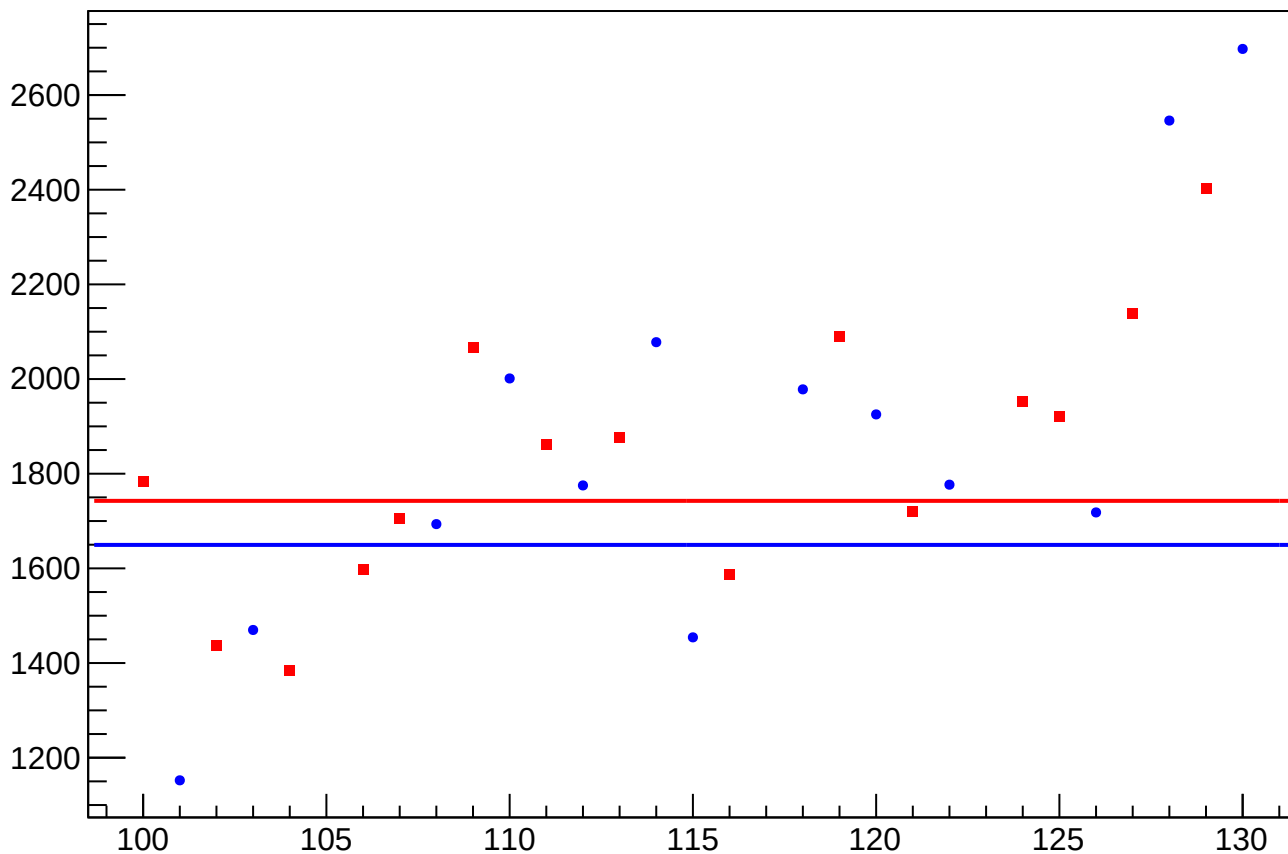
Right: -603.239+/-514.026 χ^2/NDF : 28.7/27

In: -44.829+/-725.503 χ^2/NDF : 15.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -603.239+/-514.026 χ^2/NDF : 28.7/27

asym_usr_dit_correction_rms vs Slug, Sign Corrected



Right In: 1649.569+/-0.513 χ^2/NDF : 632054.0/12

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

Right Out: 1742.635+/-0.515 χ^2/NDF : 308212.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

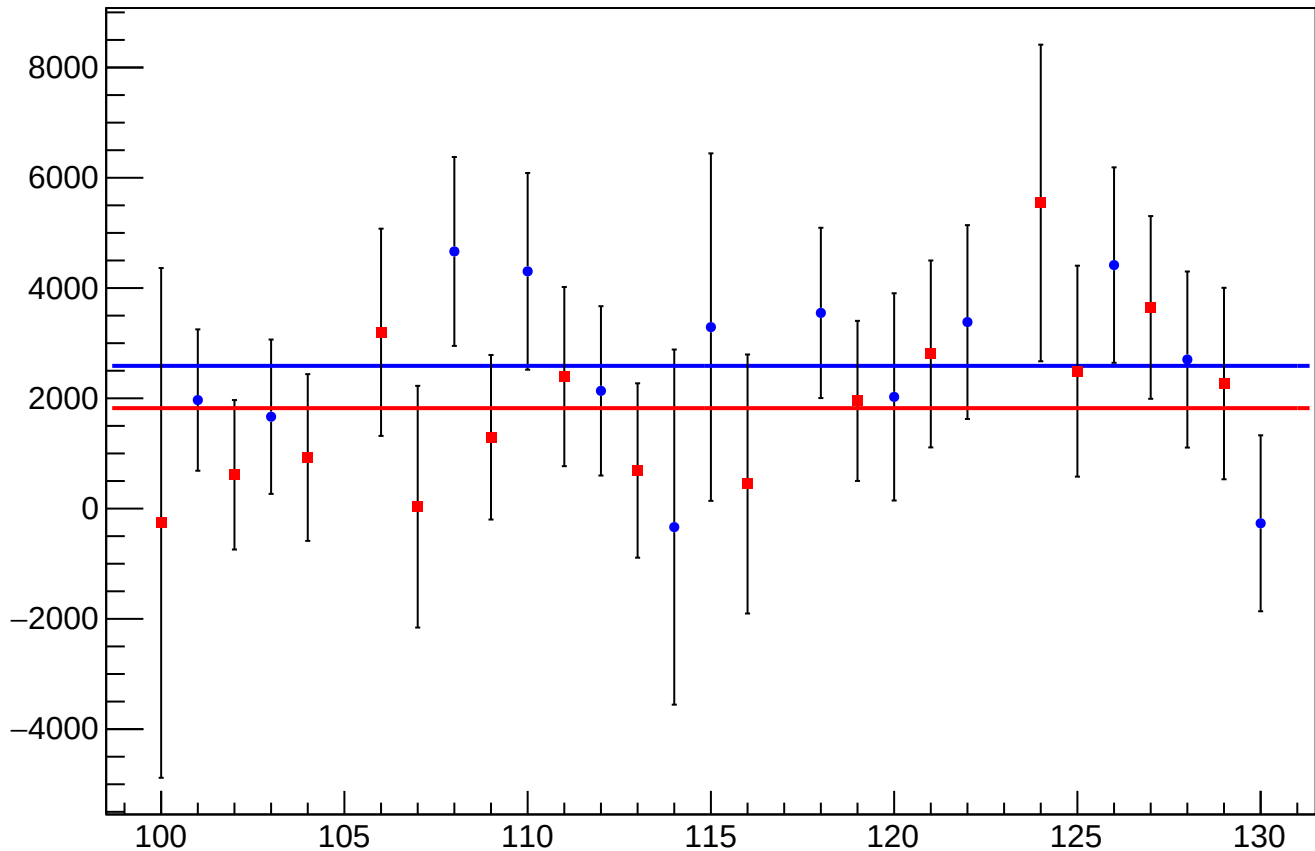
Right: 1695.917+/-0.363 χ^2/NDF : 956656.9/27

In: 1649.569+/-0.513 χ^2/NDF : 632054.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1695.917+/-0.363 χ^2/NDF : 956656.9/27

eigen_dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2588.821 $\pm$ 470.150 χ^2 /NDF: 9.0/12

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

Right Out: 1821.929 $\pm$ 454.458 χ^2 /NDF: 7.1/14

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

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

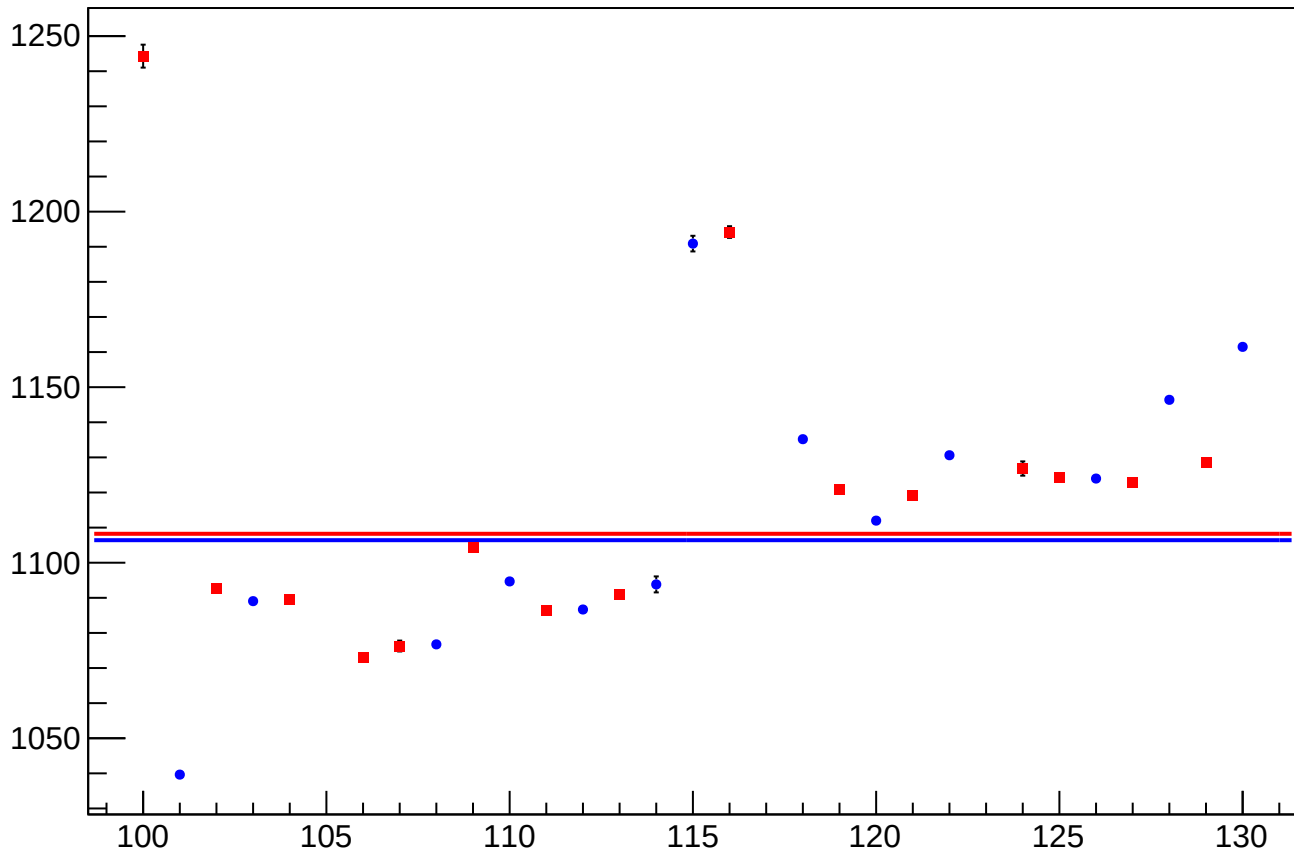
Right: 2192.364 $\pm$ 326.757 χ^2 /NDF: 17.4/27

In: 2588.821 $\pm$ 470.150 χ^2 /NDF:9.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2192.364 $\pm$ 326.757 χ^2 /NDF: 17.4/27

eigen_dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1106.416+/-0.332 χ^2/NDF : 13140.4/12

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

Right Out: 1108.239+/-0.321 χ^2/NDF : 7622.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

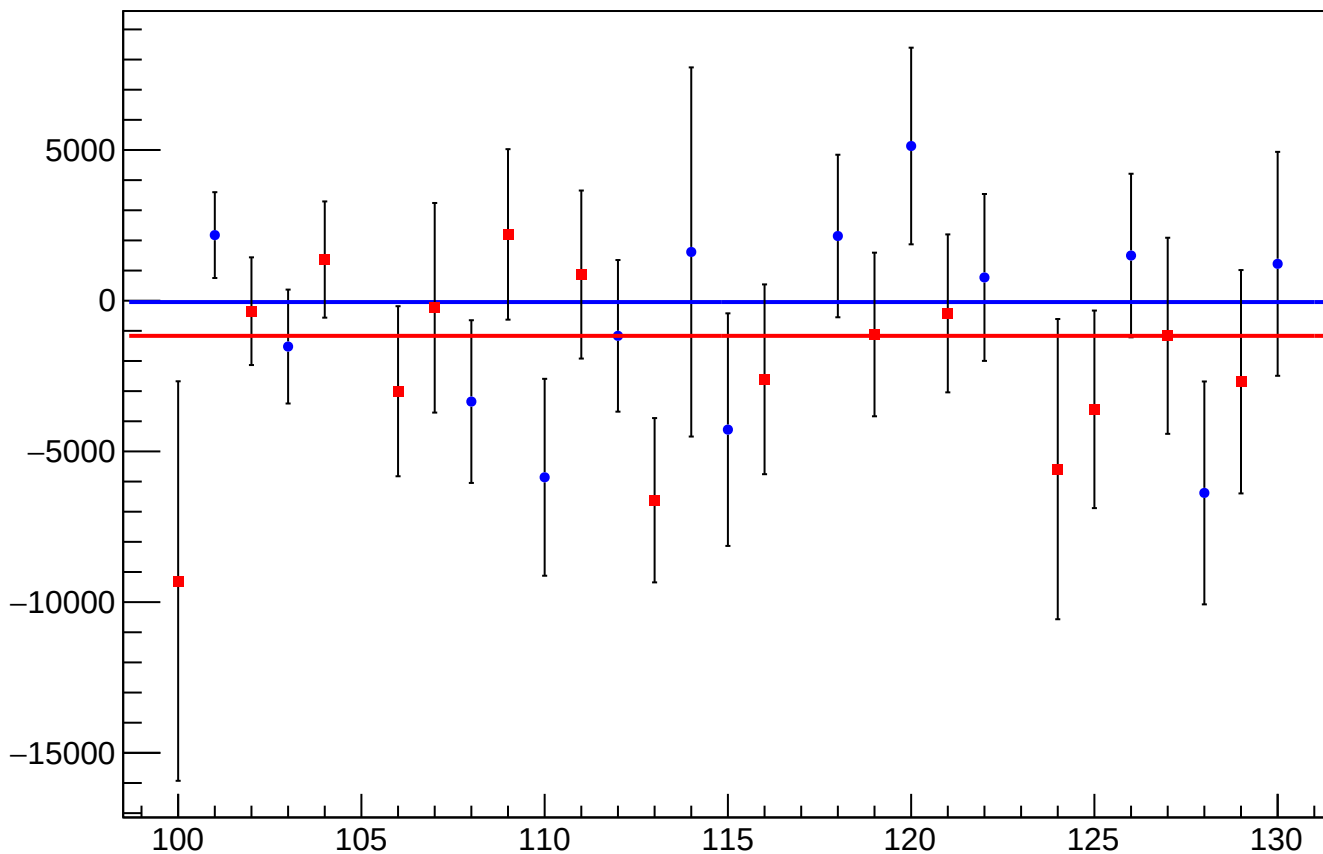
Right: 1107.358+/-0.231 χ^2/NDF : 20778.3/27

In: 1106.416+/-0.332 χ^2/NDF : 13140.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1107.358+/-0.231 χ^2/NDF : 20778.3/27

asym_usr_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -44.829+/-725.501 χ^2/NDF : 15.8/12

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

Right Out: -1166.107+/-728.390 χ^2/NDF : 11.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

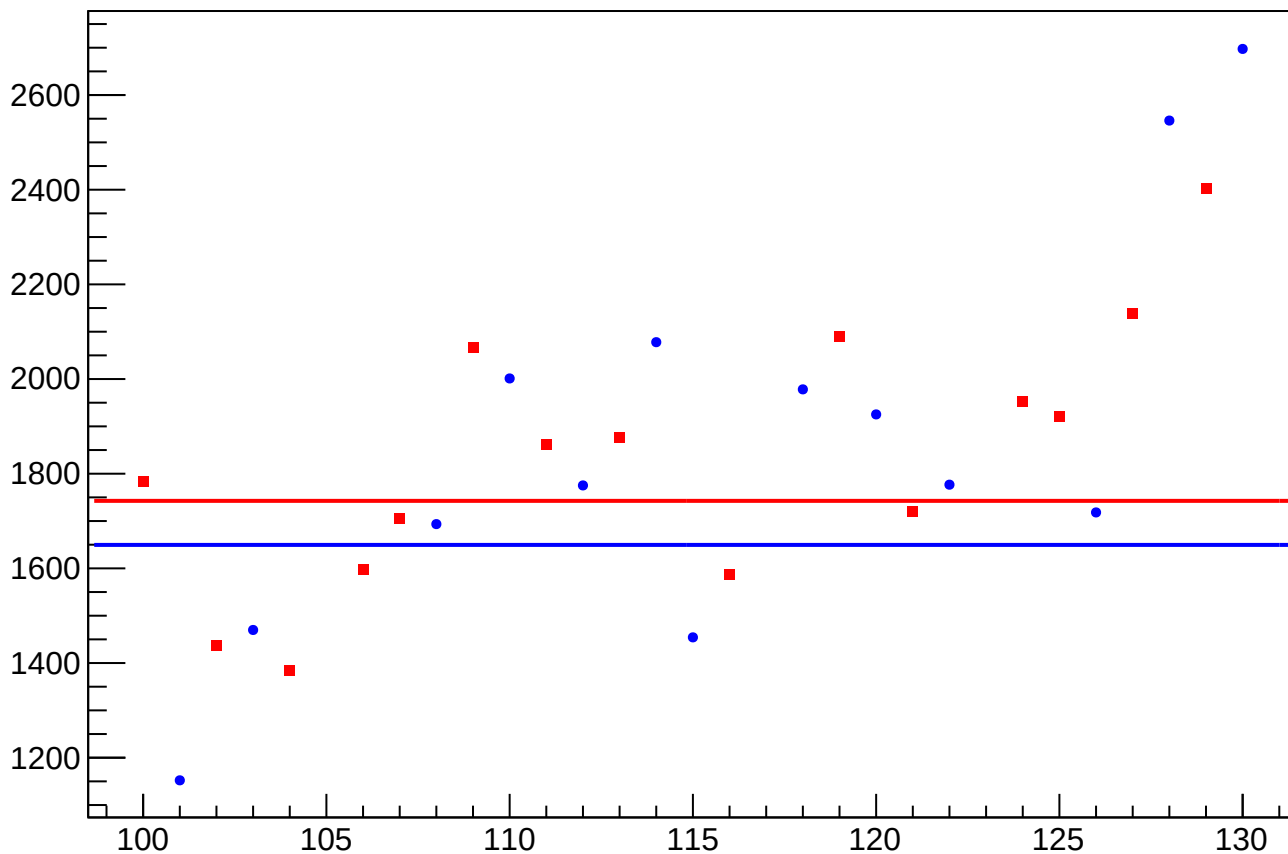
Right: -603.240+/-514.025 χ^2/NDF : 28.7/27

In: -44.829+/-725.501 χ^2/NDF : 15.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -603.240+/-514.025 χ^2/NDF : 28.7/27

asym_usr_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1649.565+/-0.513 χ^2/NDF : 632043.1/12

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

Right Out: 1742.633+/-0.515 χ^2/NDF : 308202.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

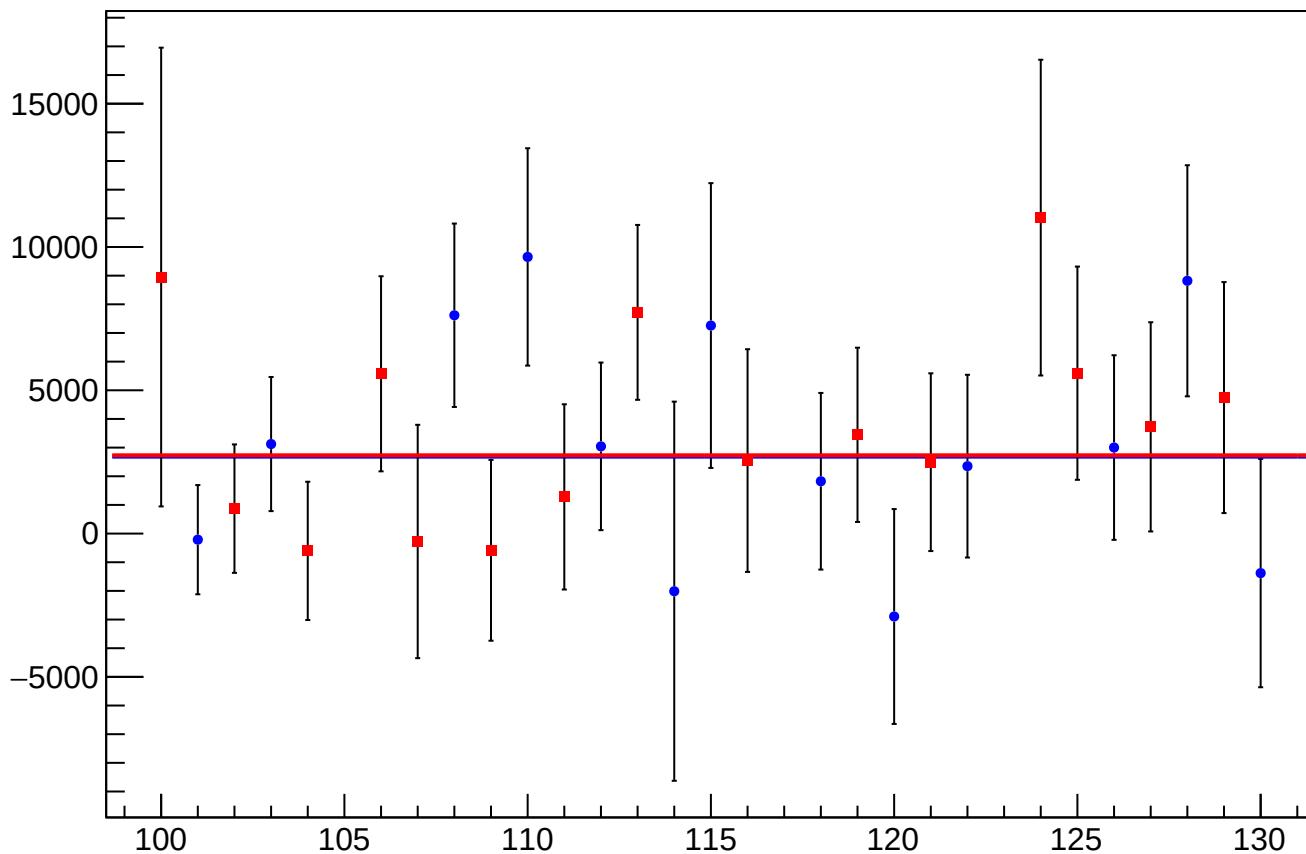
Right: 1695.914+/-0.363 χ^2/NDF : 956636.6/27

In: 1649.565+/-0.513 χ^2/NDF : 632043.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1695.914+/-0.363 χ^2/NDF : 956636.6/27

asym_usr_mean vs Slug, Sign Corrected



Right In: 2684.915+/-876.634 χ^2/NDF : 15.1/12

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

Right Out: 2731.342+/-858.407 χ^2/NDF : 11.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

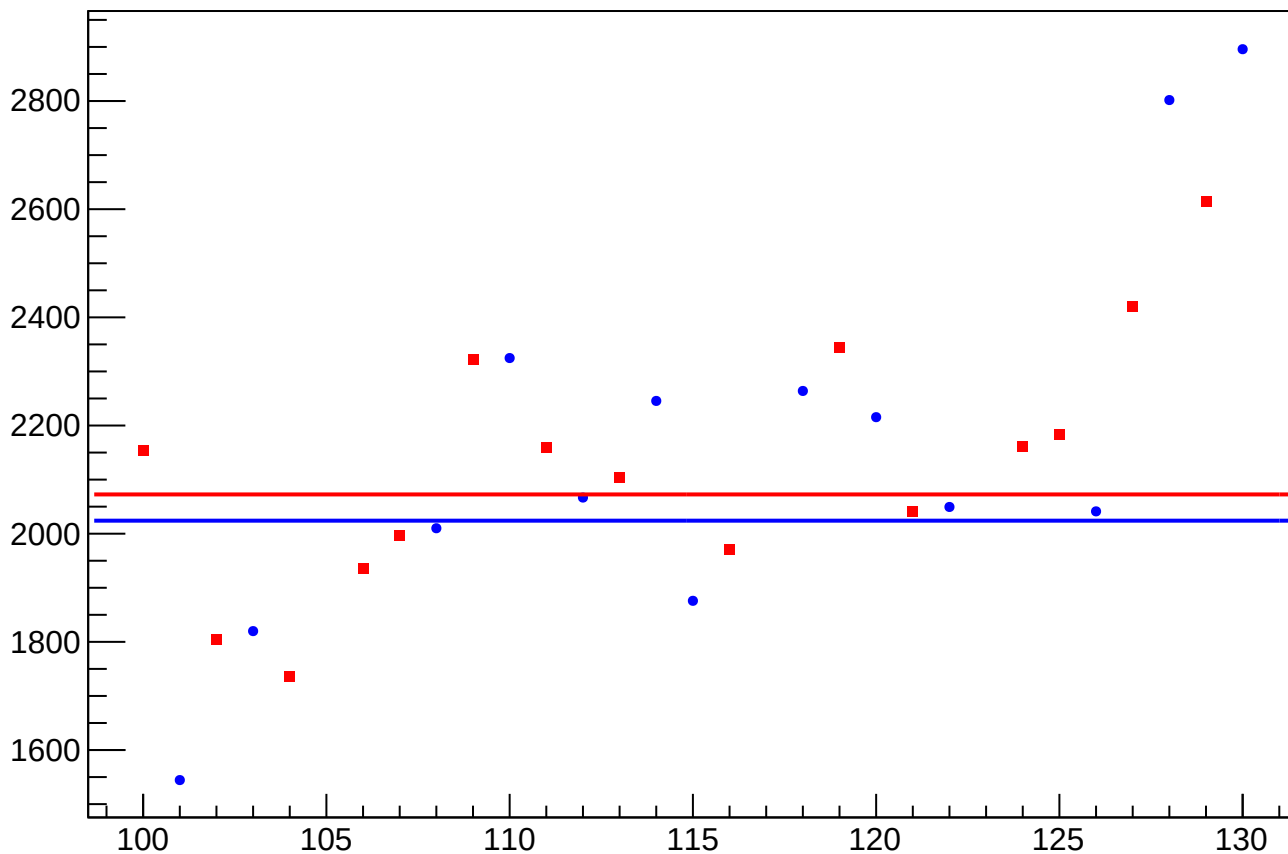
Right: 2708.617+/-613.328 χ^2/NDF : 26.8/27

In: 2684.915+/-876.634 χ^2/NDF : 15.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2708.617+/-613.328 χ^2/NDF : 26.8/27

asym_usr_rms vs Slug, Sign Corrected



Right In: 2024.078+/-0.620 χ^2/NDF : 346722.9/12

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

Right Out: 2072.597+/-0.607 χ^2/NDF : 160035.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

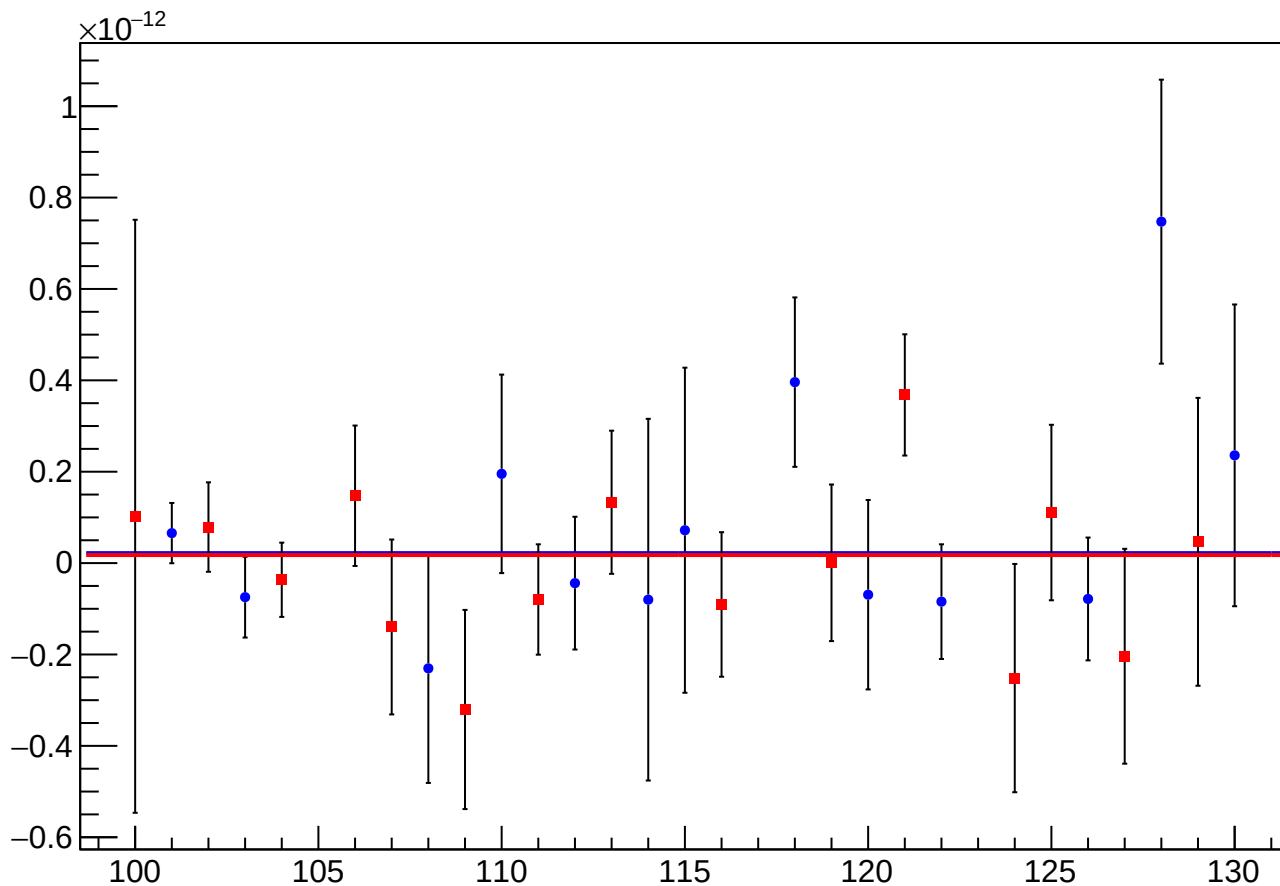
Right: 2048.847+/-0.434 χ^2/NDF : 509886.5/27

In: 2024.078+/-0.620 χ^2/NDF : 346722.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2048.847+/-0.434 χ^2/NDF : 509886.5/27

asym_usr_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.0/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 15.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

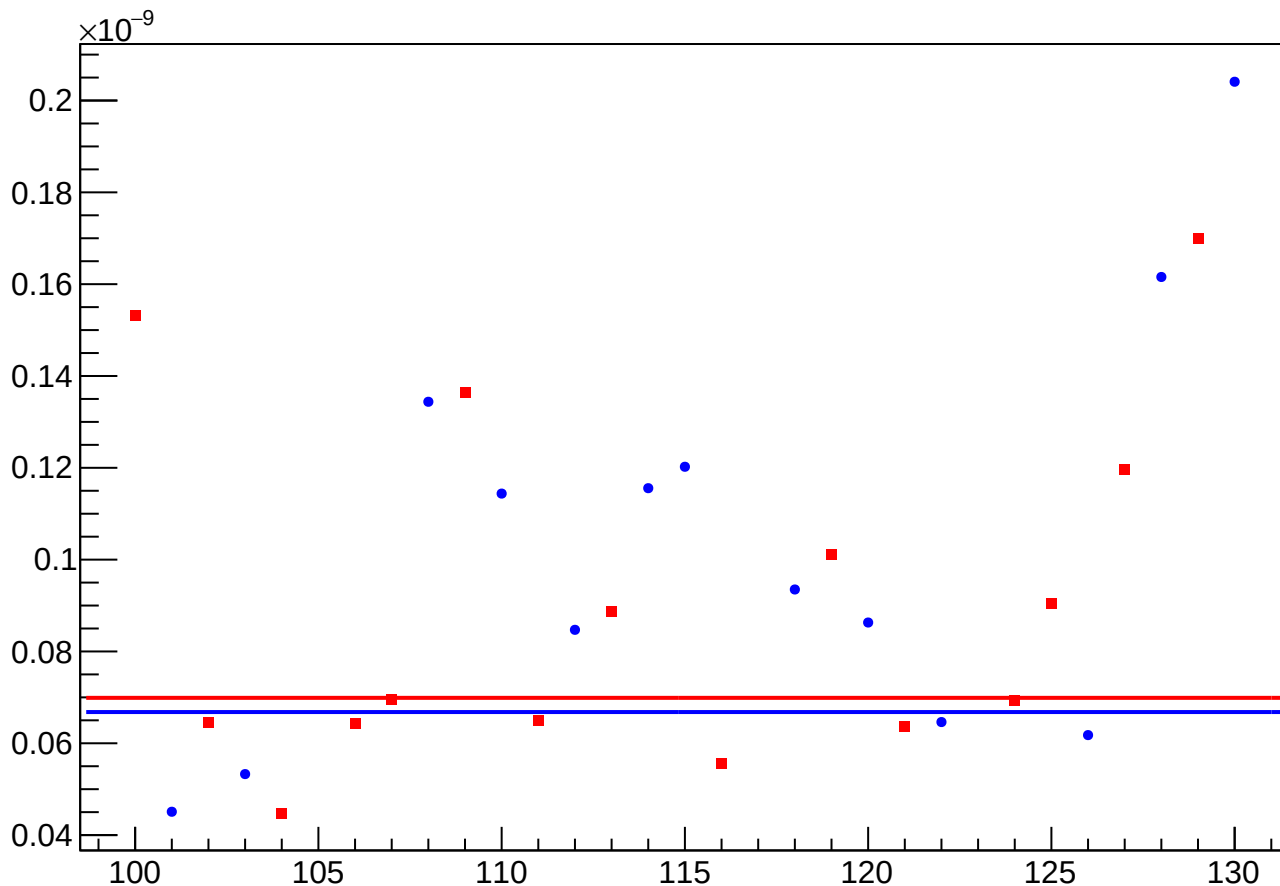
Right: 0.000+/-0.000 χ^2/NDF : 30.6/27

In: 0.000+/-0.000 χ^2/NDF : 15.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.6/27

asym_usr_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1204822.7/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 854363.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

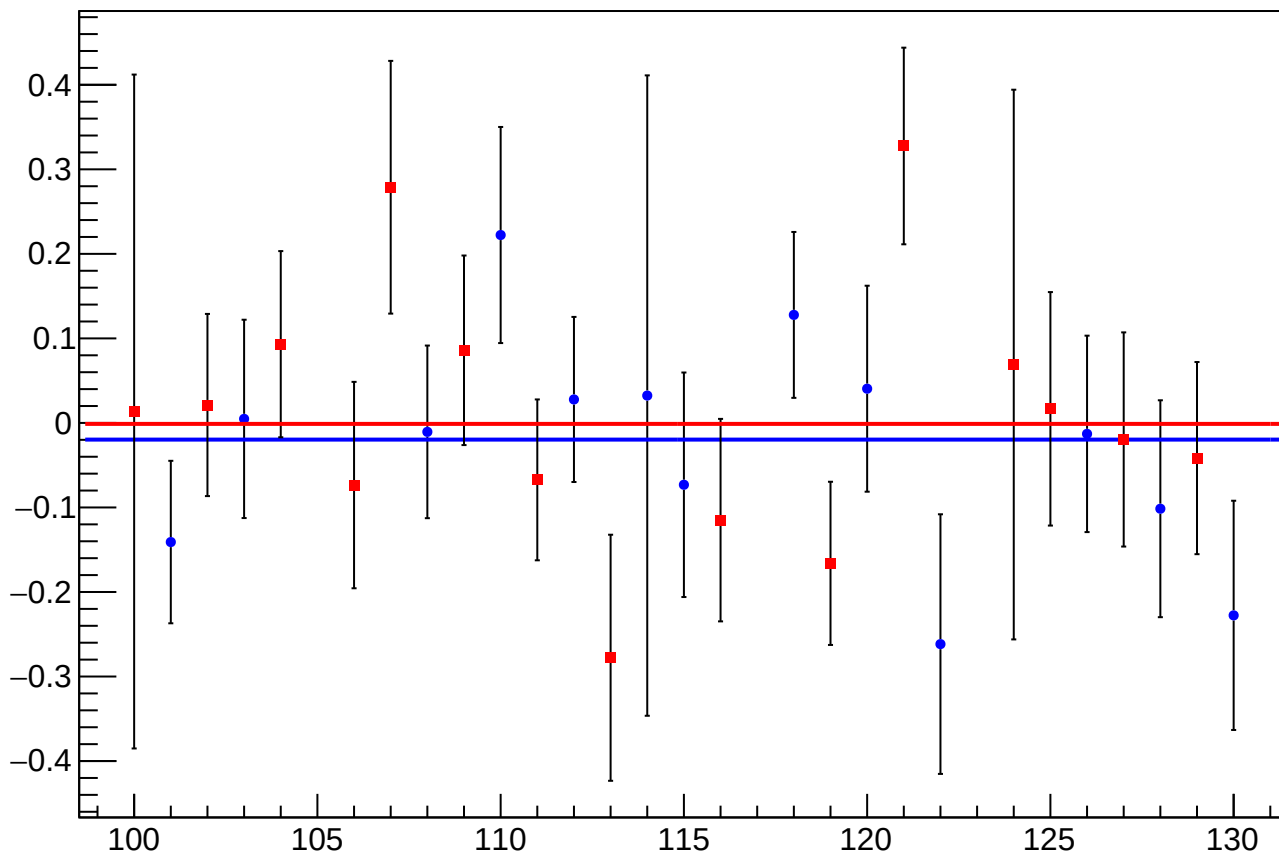
Right: 0.000+/-0.000 χ^2/NDF : 2065448.4/27

In: 0.000+/-0.000 χ^2/NDF : 1204822.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2065448.4/27

asym_usr_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.033 $\chi^2/\text{NDF}: 13.4/12$

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

Right Out: -0.001 ± 0.032 $\chi^2/\text{NDF}: 21.4/14$

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

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

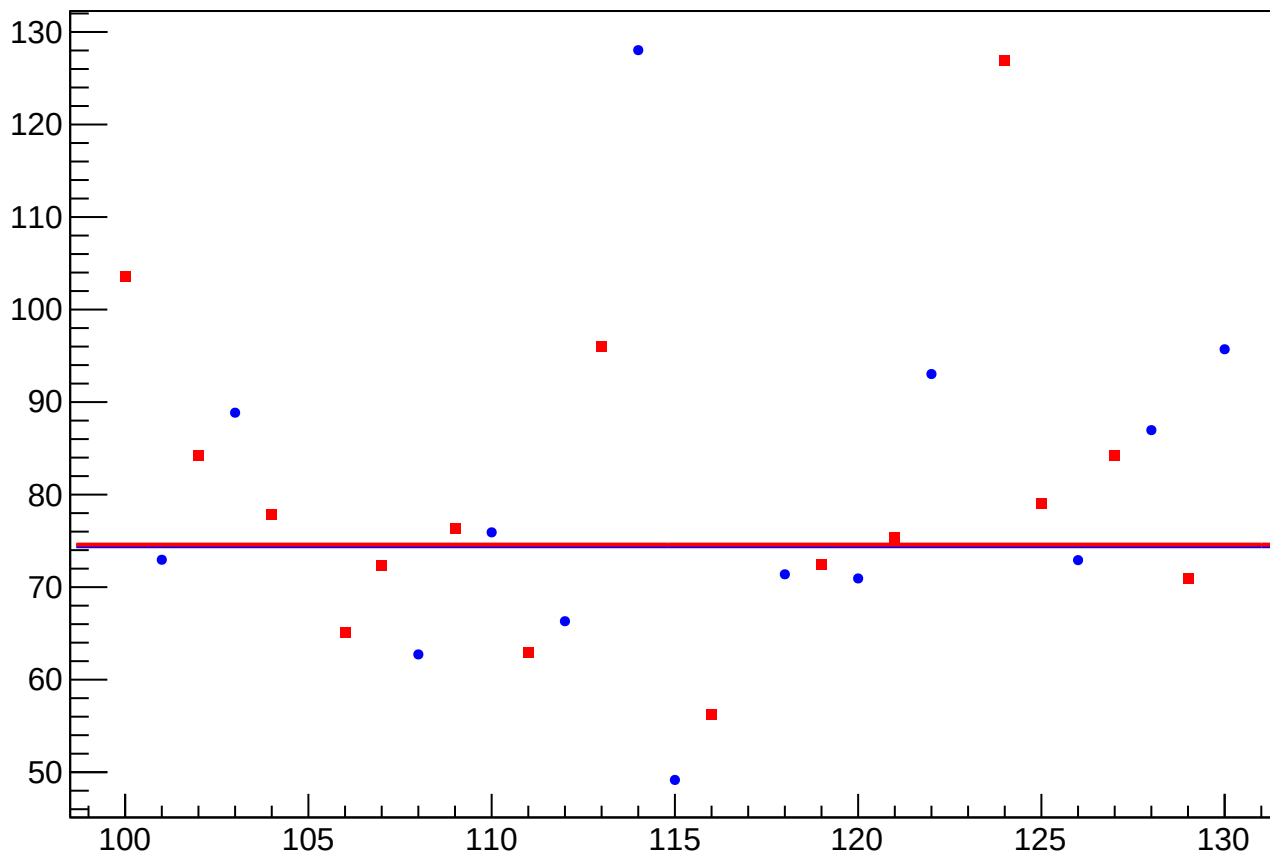
Right: -0.010 ± 0.023 $\chi^2/\text{NDF}: 34.9/27$

In: -0.020 ± 0.033 $\chi^2/\text{NDF}: 13.4/12$

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

All: -0.010 ± 0.023 $\chi^2/\text{NDF}: 34.9/27$

asym_usr_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 74.423+/-0.023 χ^2/NDF : 285101.5/12

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

Right Out: 74.596+/-0.023 χ^2/NDF : 230370.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

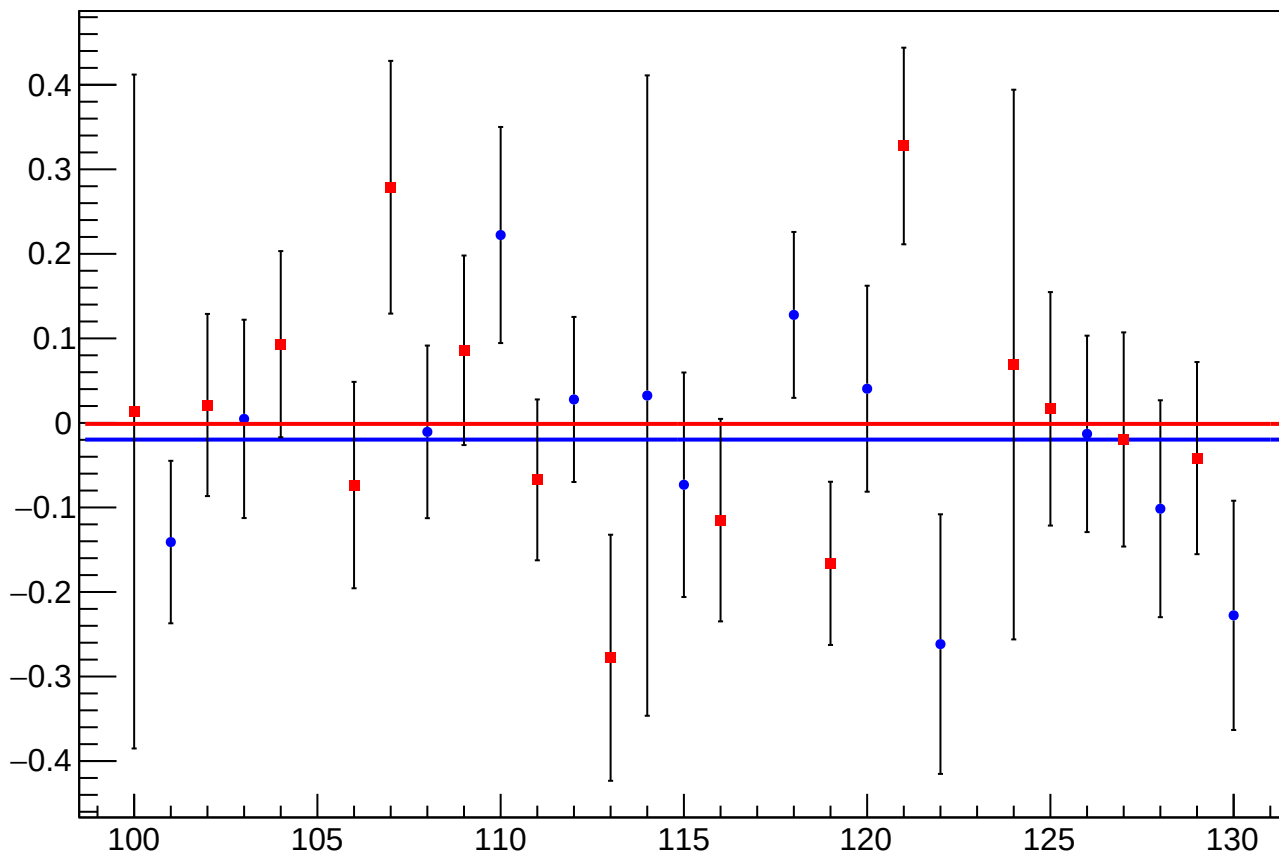
Right: 74.512+/-0.016 χ^2/NDF : 515499.9/27

In: 74.423+/-0.023 χ^2/NDF : 285101.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.512+/-0.016 χ^2/NDF : 515499.9/27

asym_usr_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.033 χ^2/NDF : 13.4/12

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

Right Out: -0.001 ± 0.032 χ^2/NDF : 21.4/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

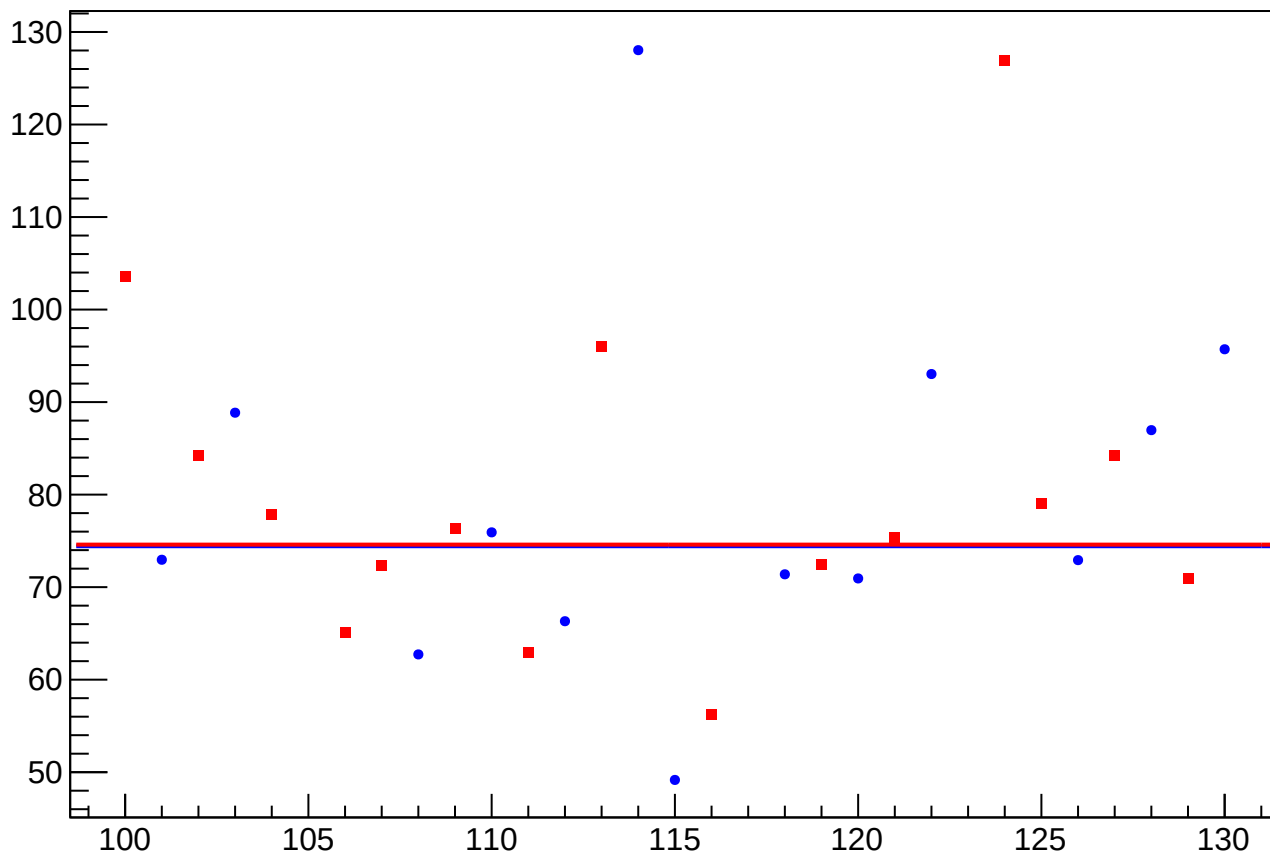
Right: -0.010 ± 0.023 χ^2/NDF : 34.9/27

In: -0.020 ± 0.033 χ^2/NDF : 13.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.010 ± 0.023 χ^2/NDF : 34.9/27

asym_usr_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 74.423+/-0.023 χ^2/NDF : 285101.5/12

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

Right Out: 74.596+/-0.023 χ^2/NDF : 230370.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

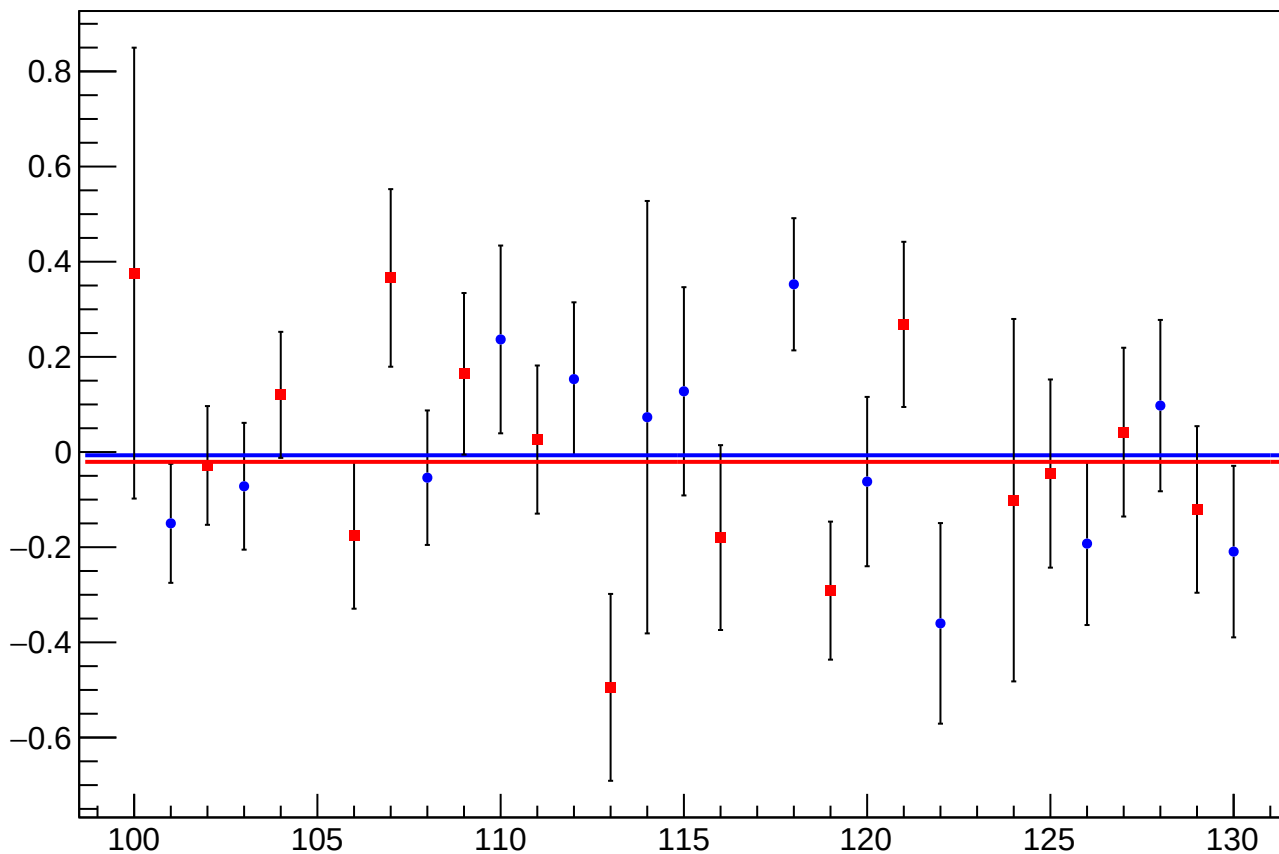
Right: 74.512+/-0.016 χ^2/NDF : 515499.9/27

In: 74.423+/-0.023 χ^2/NDF : 285101.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.512+/-0.016 χ^2/NDF : 515499.9/27

asym_usr_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.047 χ^2/NDF : 16.9/12

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

Right Out: -0.021 ± 0.045 χ^2/NDF : 21.7/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

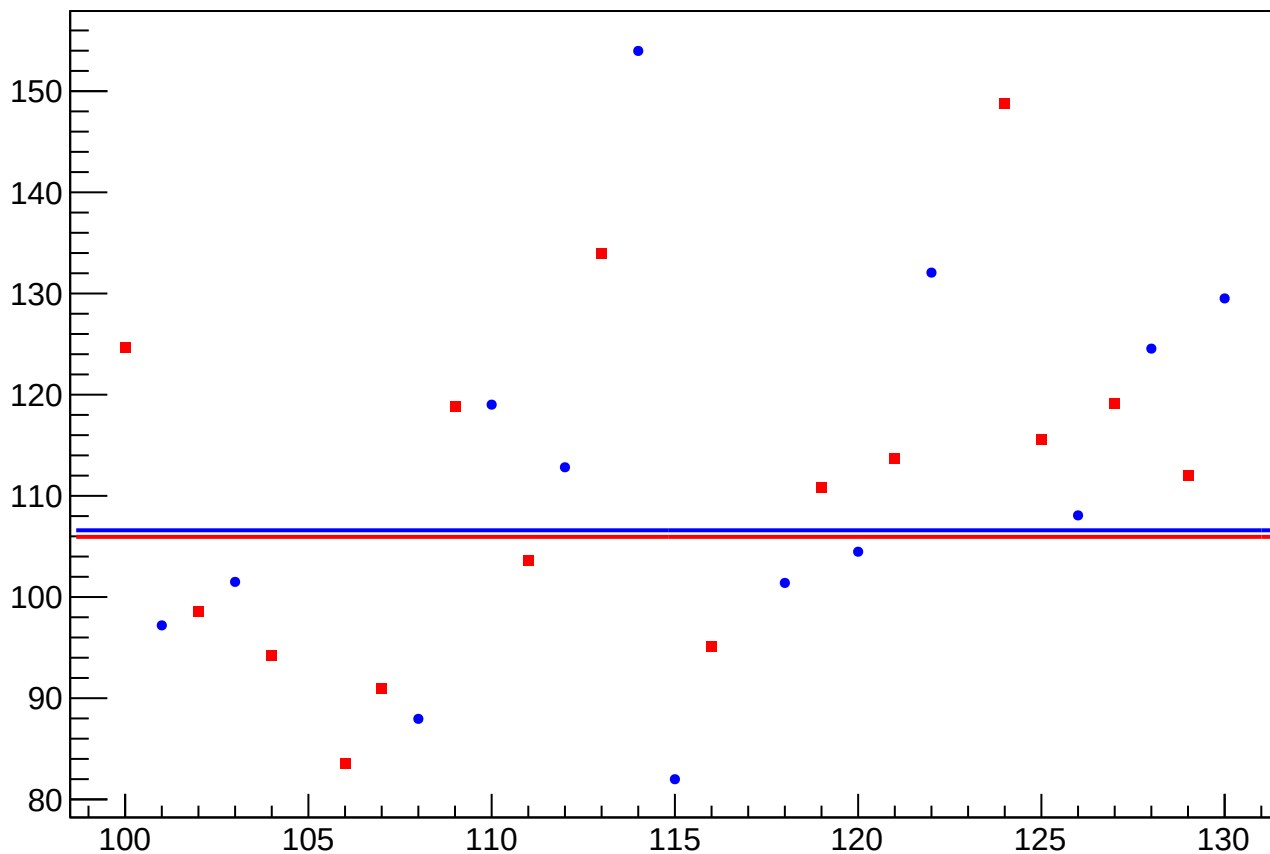
Right: -0.014 ± 0.032 χ^2/NDF : 38.7/27

In: -0.007 ± 0.047 χ^2/NDF : 16.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.014 ± 0.032 χ^2/NDF : 38.7/27

asym_usr_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 106.595 $\pm$ 0.033 χ^2 /NDF: 191572.6/12

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

Right Out: 105.948 $\pm$ 0.032 χ^2 /NDF: 190042.8/14

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

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

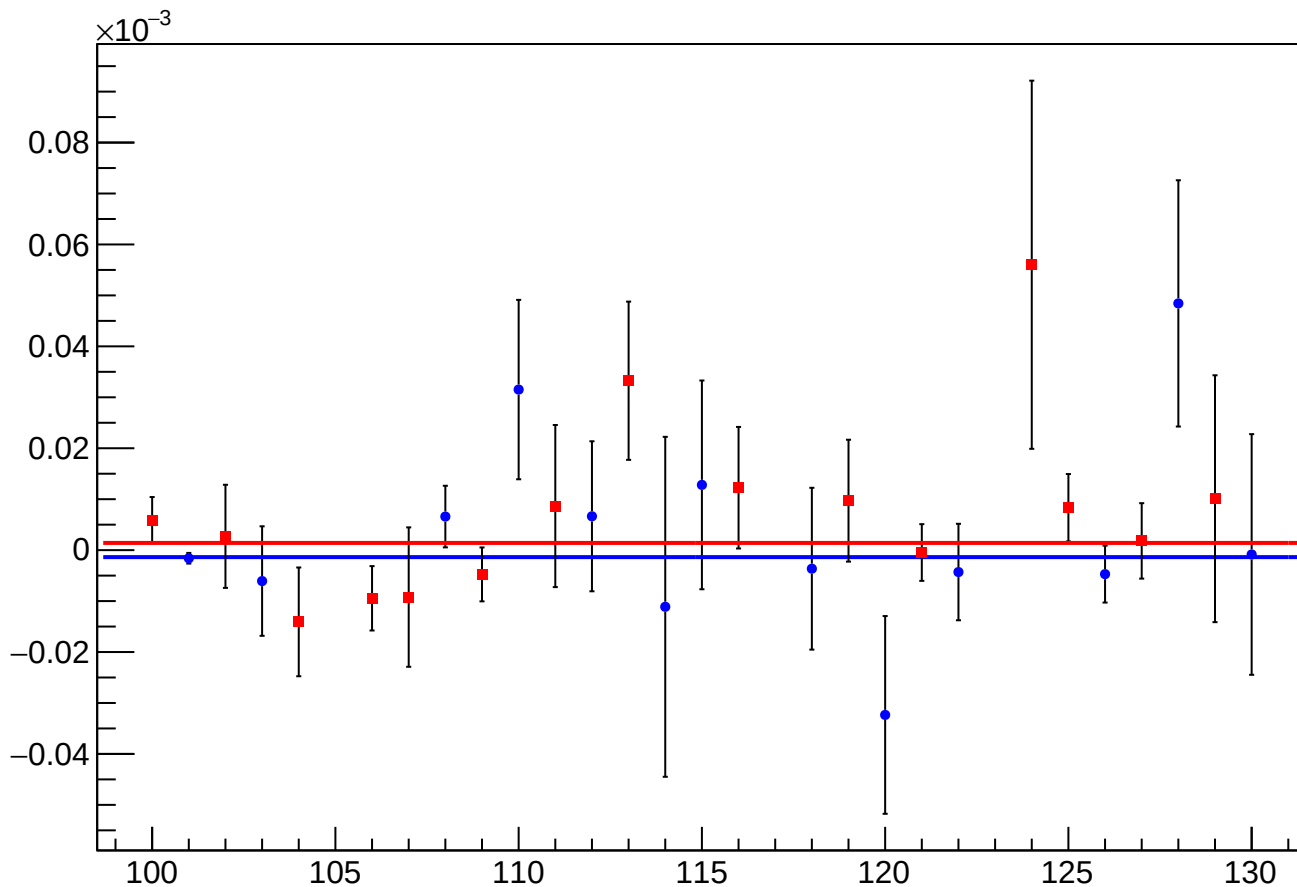
Right: 106.258 $\pm$ 0.023 χ^2 /NDF: 381817.1/27

In: 106.595 $\pm$ 0.033 χ^2 /NDF:191572.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 106.258 $\pm$ 0.023 χ^2 /NDF: 381817.1/27

asym_usr_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.6/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

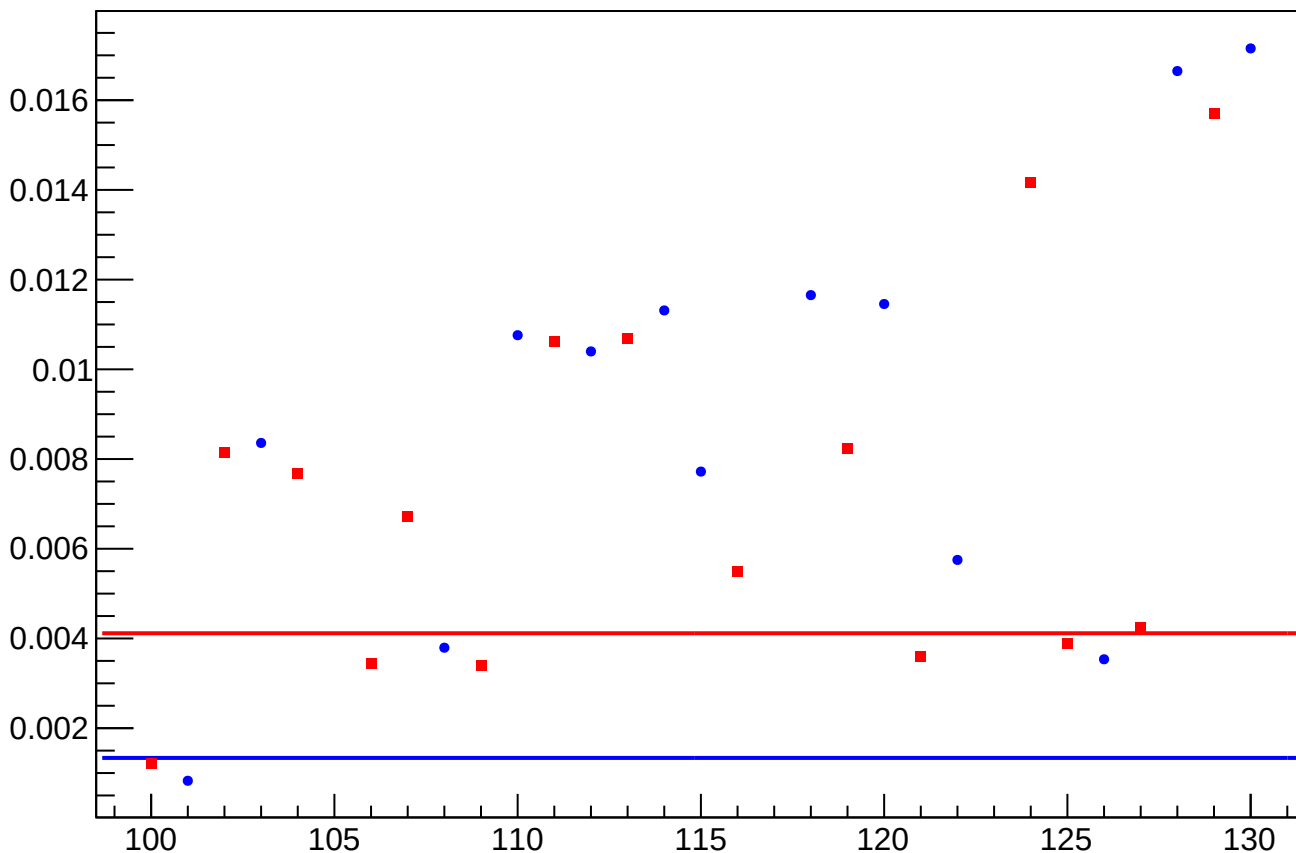
Right: -0.000+/-0.000 χ^2/NDF : 32.4/27

In: -0.000+/-0.000 χ^2/NDF : 13.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.4/27

asym_usr_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000

χ^2/NDF : 7194791.4/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000

χ^2/NDF : 3077494.2/14

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.002+/-0.000

χ^2/NDF : 13183007.1/27

In: 0.001+/-0.000

χ^2/NDF : 7194791.4/12

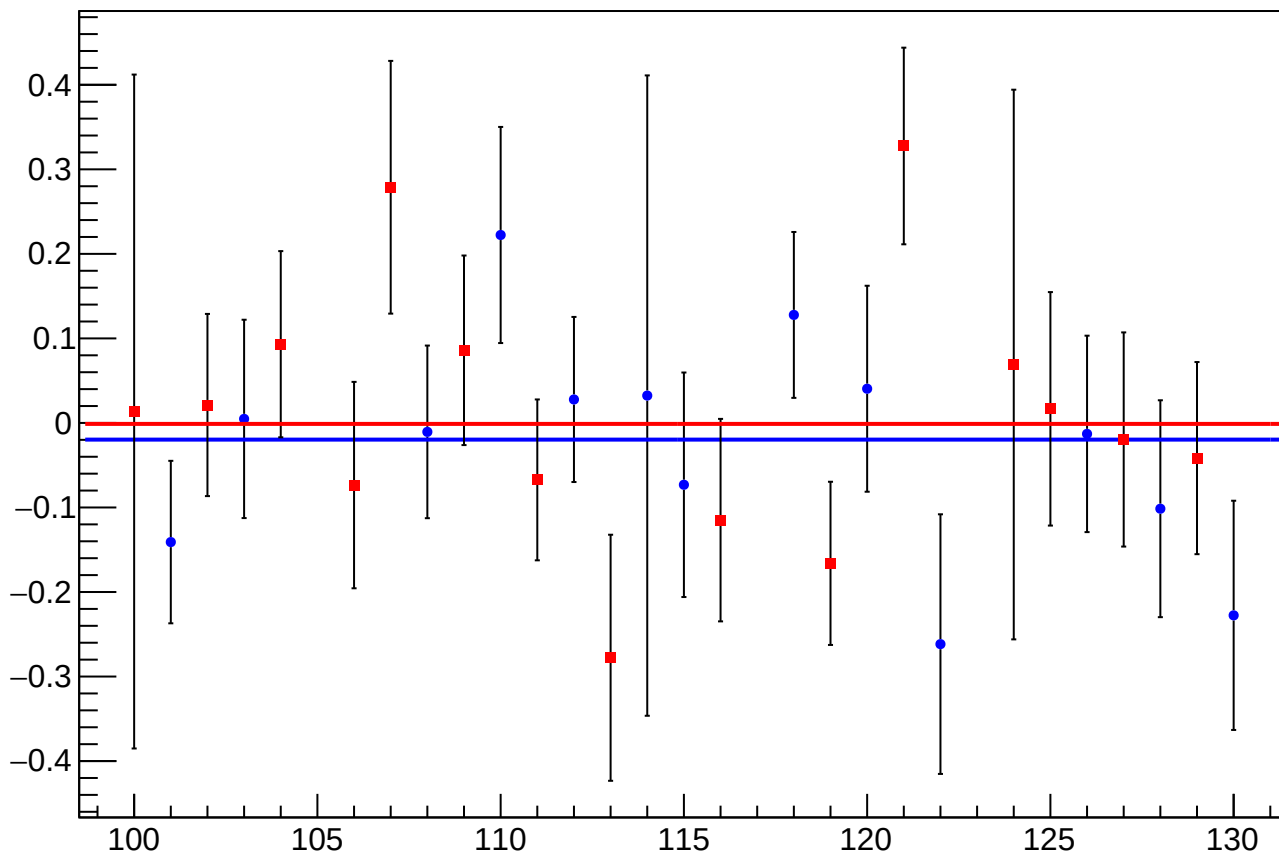
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.002+/-0.000

χ^2/NDF : 13183007.1/27

asym_usr_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.033 $\chi^2/\text{NDF}: 13.4/12$

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

Right Out: -0.001 ± 0.032 $\chi^2/\text{NDF}: 21.4/14$

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

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

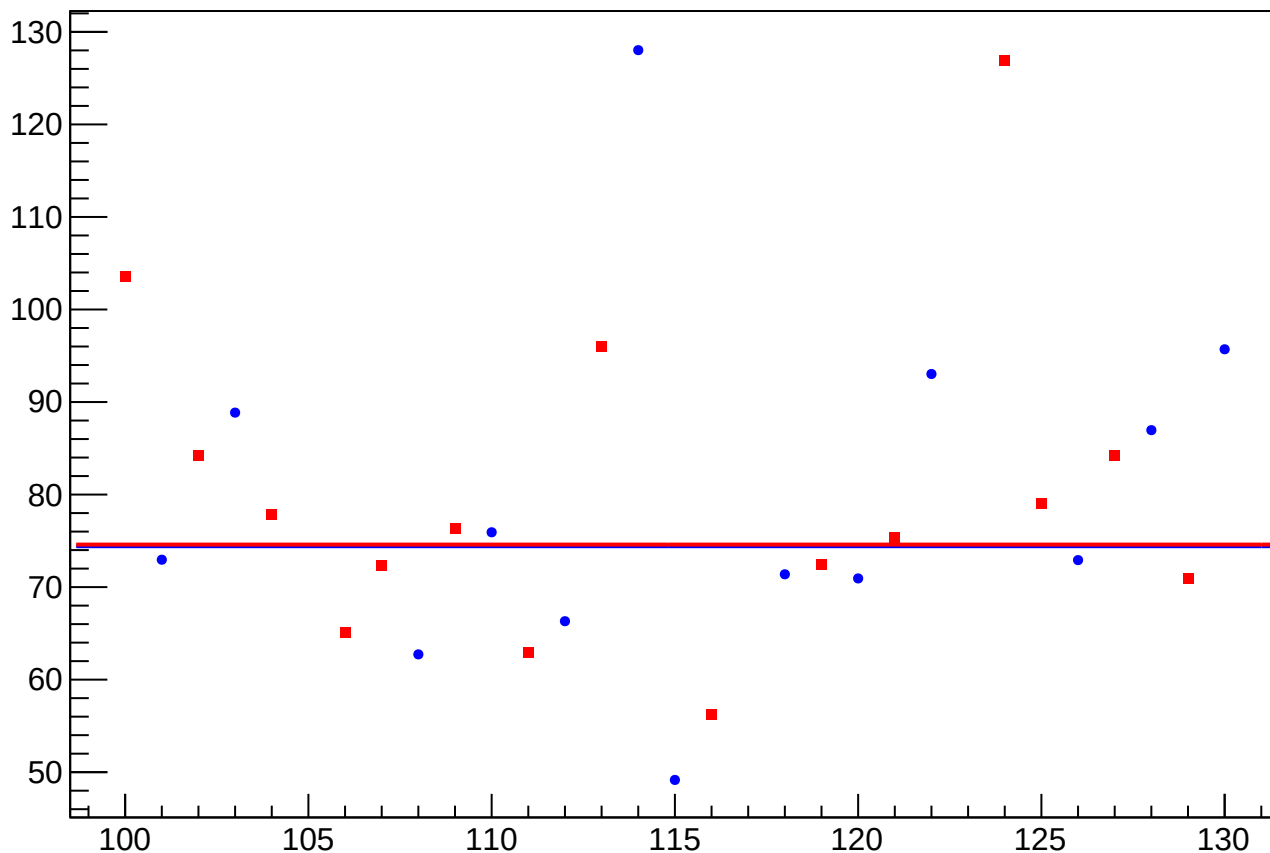
Right: -0.010 ± 0.023 $\chi^2/\text{NDF}: 34.9/27$

In: -0.020 ± 0.033 $\chi^2/\text{NDF}: 13.4/12$

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

All: -0.010 ± 0.023 $\chi^2/\text{NDF}: 34.9/27$

asym_usr_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 74.421+/-0.023 χ^2/NDF : 285079.7/12

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

Right Out: 74.594+/-0.023 χ^2/NDF : 230360.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

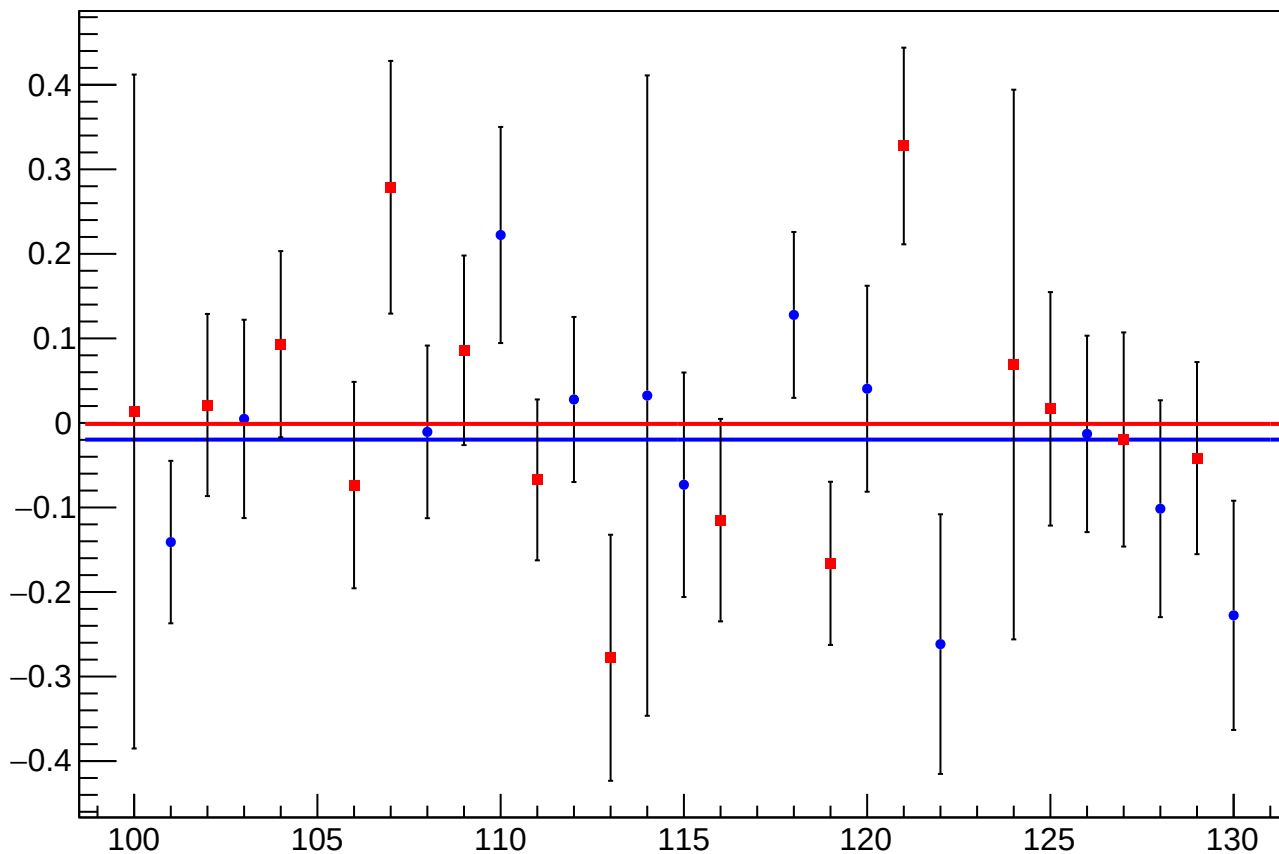
Right: 74.511+/-0.016 χ^2/NDF : 515468.5/27

In: 74.421+/-0.023 χ^2/NDF : 285079.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.511+/-0.016 χ^2/NDF : 515468.5/27

asym_usr_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.033 χ^2/NDF : 13.4/12

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

Right Out: -0.001 ± 0.032 χ^2/NDF : 21.4/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

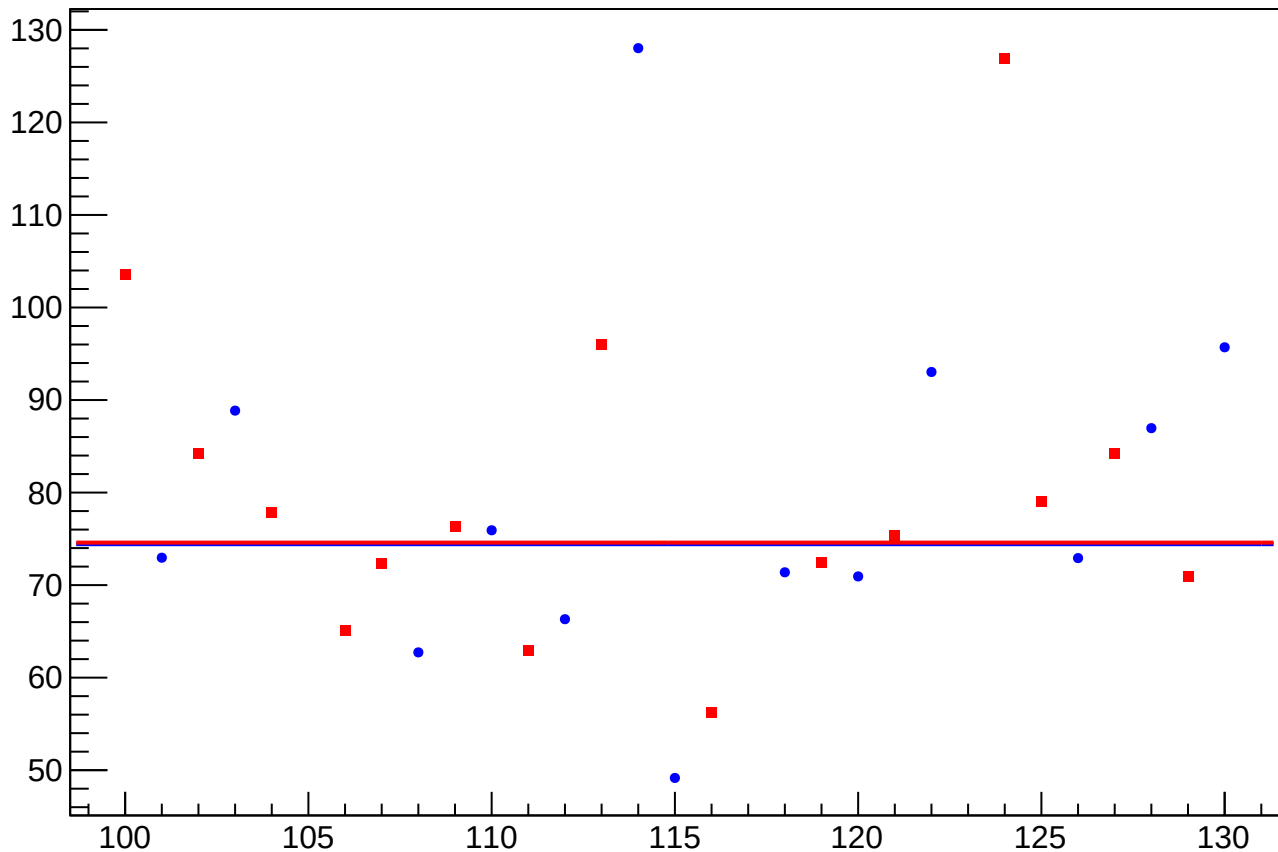
Right: -0.010 ± 0.023 χ^2/NDF : 34.9/27

In: -0.020 ± 0.033 χ^2/NDF : 13.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.010 ± 0.023 χ^2/NDF : 34.9/27

asym_usr_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 74.421+/-0.023 χ^2/NDF : 285079.7/12

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

Right Out: 74.594+/-0.023 χ^2/NDF : 230360.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

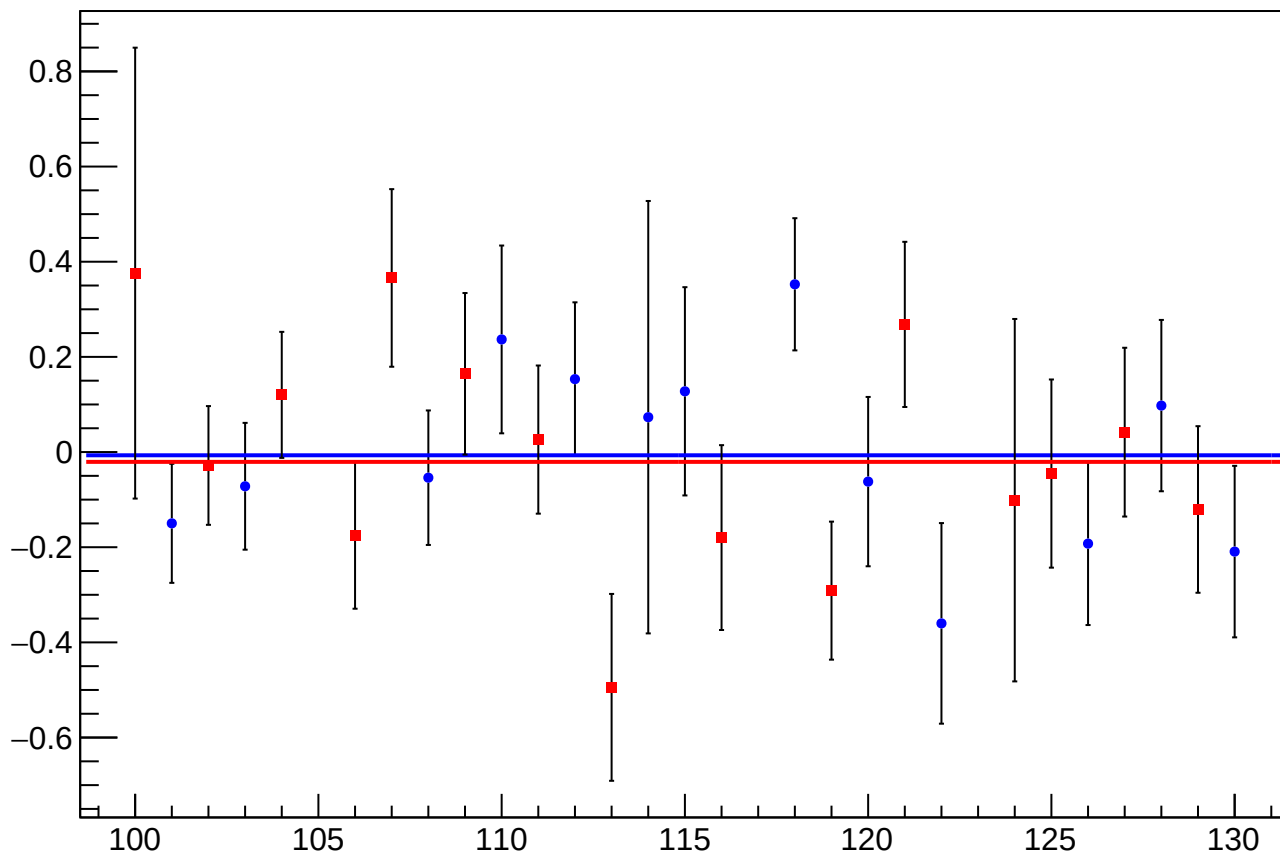
Right: 74.511+/-0.016 χ^2/NDF : 515468.5/27

In: 74.421+/-0.023 χ^2/NDF :285079.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 74.511+/-0.016 χ^2/NDF : 515468.5/27

asym_usr_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.047 χ^2/NDF : 16.9/12

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

Right Out: -0.021 ± 0.045 χ^2/NDF : 21.7/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

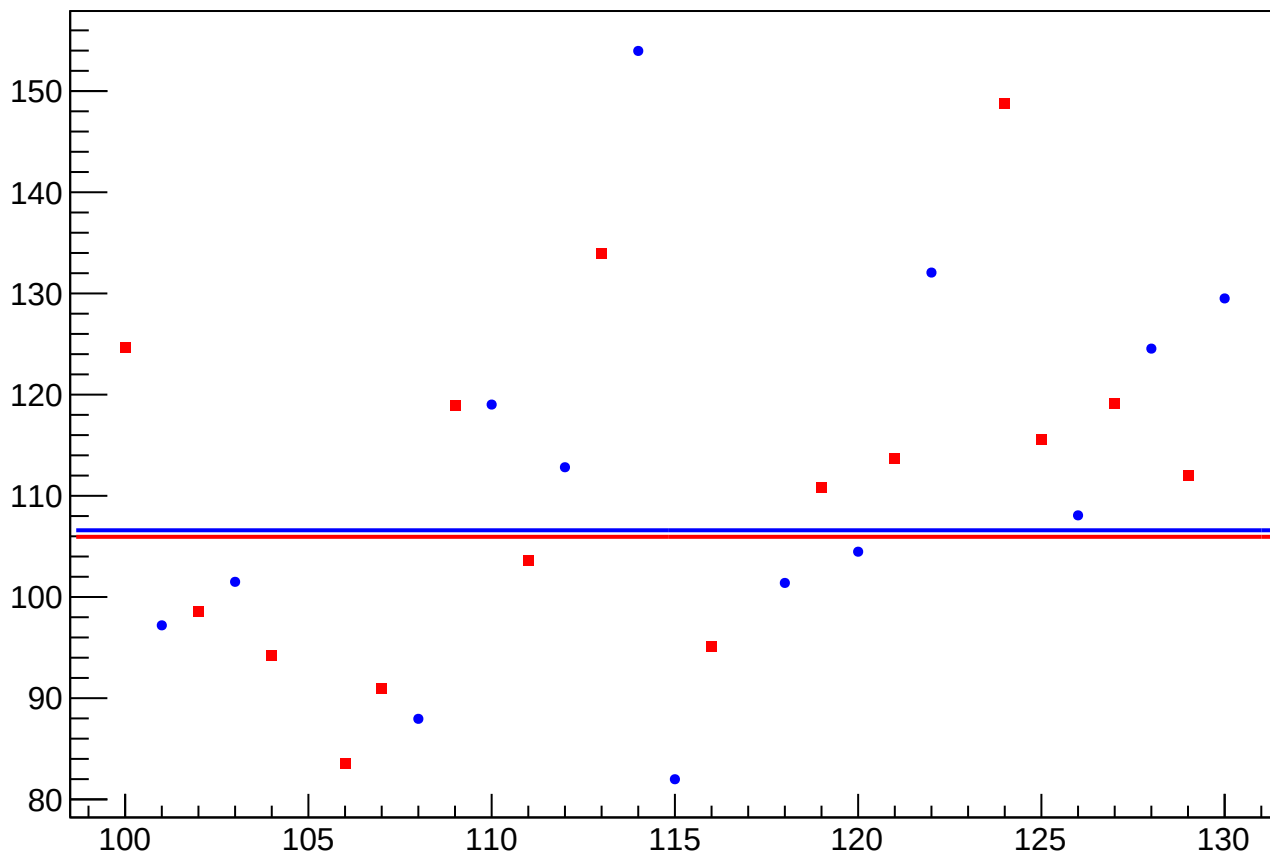
Right: -0.014 ± 0.032 χ^2/NDF : 38.7/27

In: -0.007 ± 0.047 χ^2/NDF : 16.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.014 ± 0.032 χ^2/NDF : 38.7/27

asym_usr_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 106.594+/-0.033 χ^2/NDF : 191545.9/12

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

Right Out: 105.947+/-0.032 χ^2/NDF : 190009.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

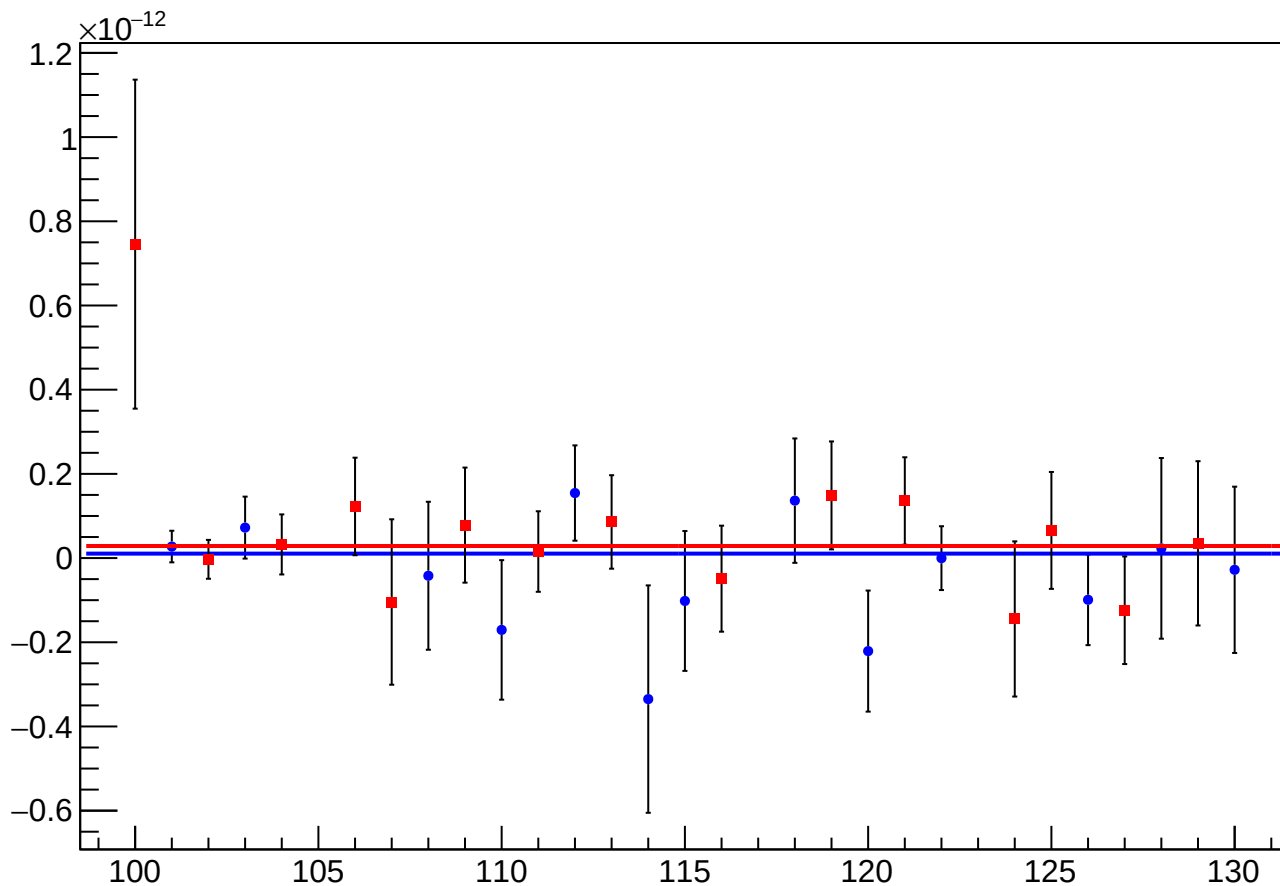
Right: 106.257+/-0.023 χ^2/NDF : 381757.5/27

In: 106.594+/-0.033 χ^2/NDF : 191545.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.257+/-0.023 χ^2/NDF : 381757.5/27

asym_usr_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.3/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 10.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

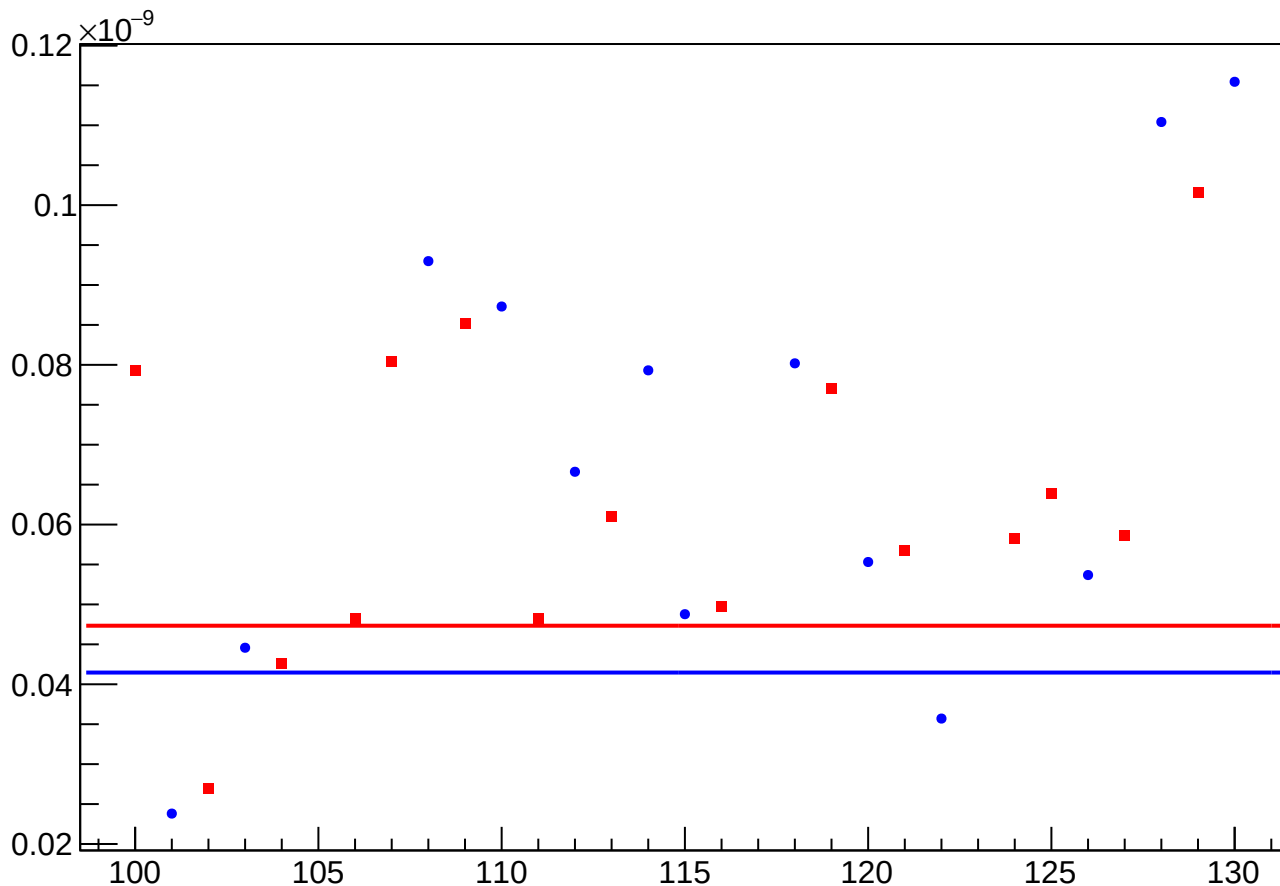
Right: 0.000+/-0.000 χ^2/NDF : 20.6/27

In: 0.000+/-0.000 χ^2/NDF : 10.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.6/27

asym_usr_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1593484.2/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 983393.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

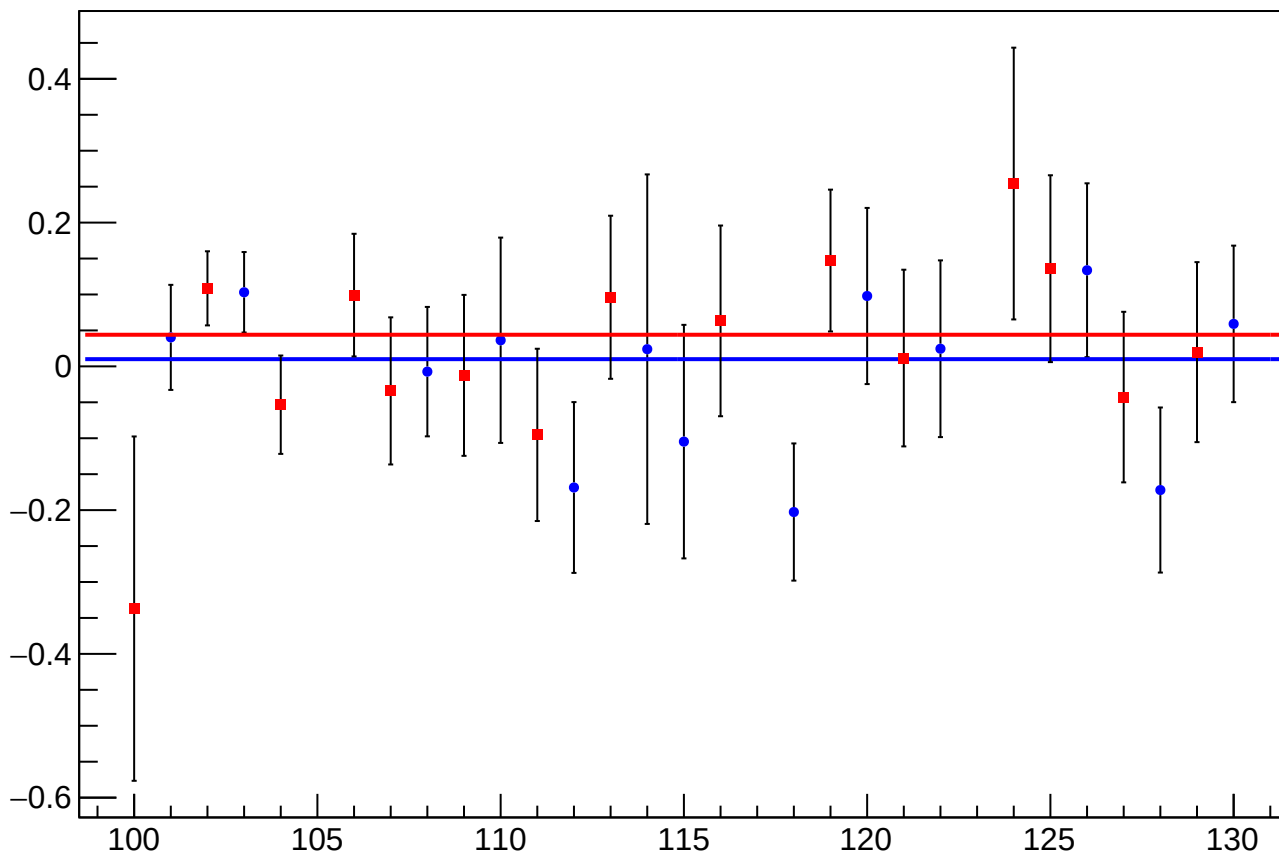
Right: 0.000+/-0.000 χ^2/NDF : 2626636.6/27

In: 0.000+/-0.000 χ^2/NDF : 1593484.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2626636.6/27

asym_usr_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.028 χ^2 /NDF: 15.0/12

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

Right Out: 0.044 $\pm$ 0.026 χ^2 /NDF: 12.4/14

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

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

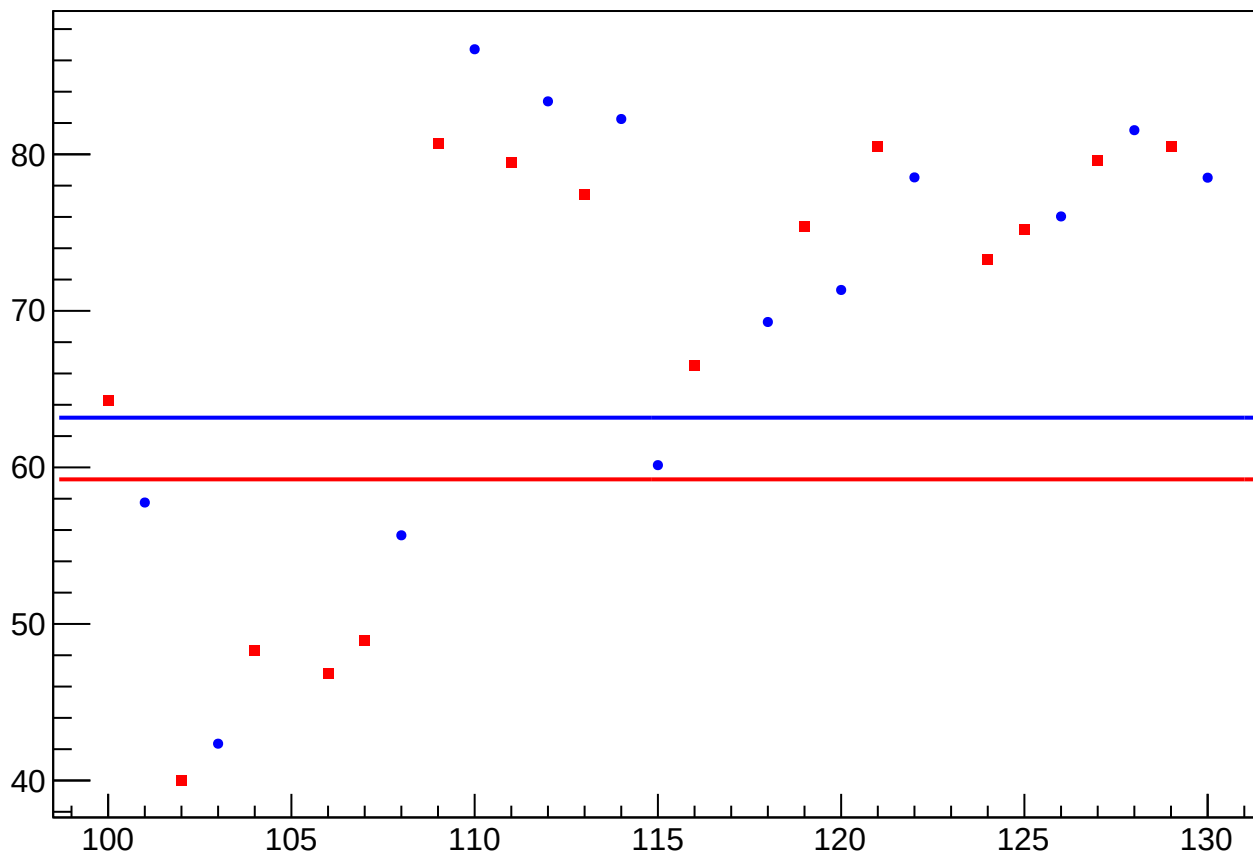
Right: 0.028 $\pm$ 0.019 χ^2 /NDF: 28.3/27

In: 0.010 $\pm$ 0.028 χ^2 /NDF:15.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.028 $\pm$ 0.019 χ^2 /NDF: 28.3/27

asym_usr_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.177+/-0.020 χ^2/NDF : 588586.7/12

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

Right Out: 59.236+/-0.018 χ^2/NDF : 851818.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

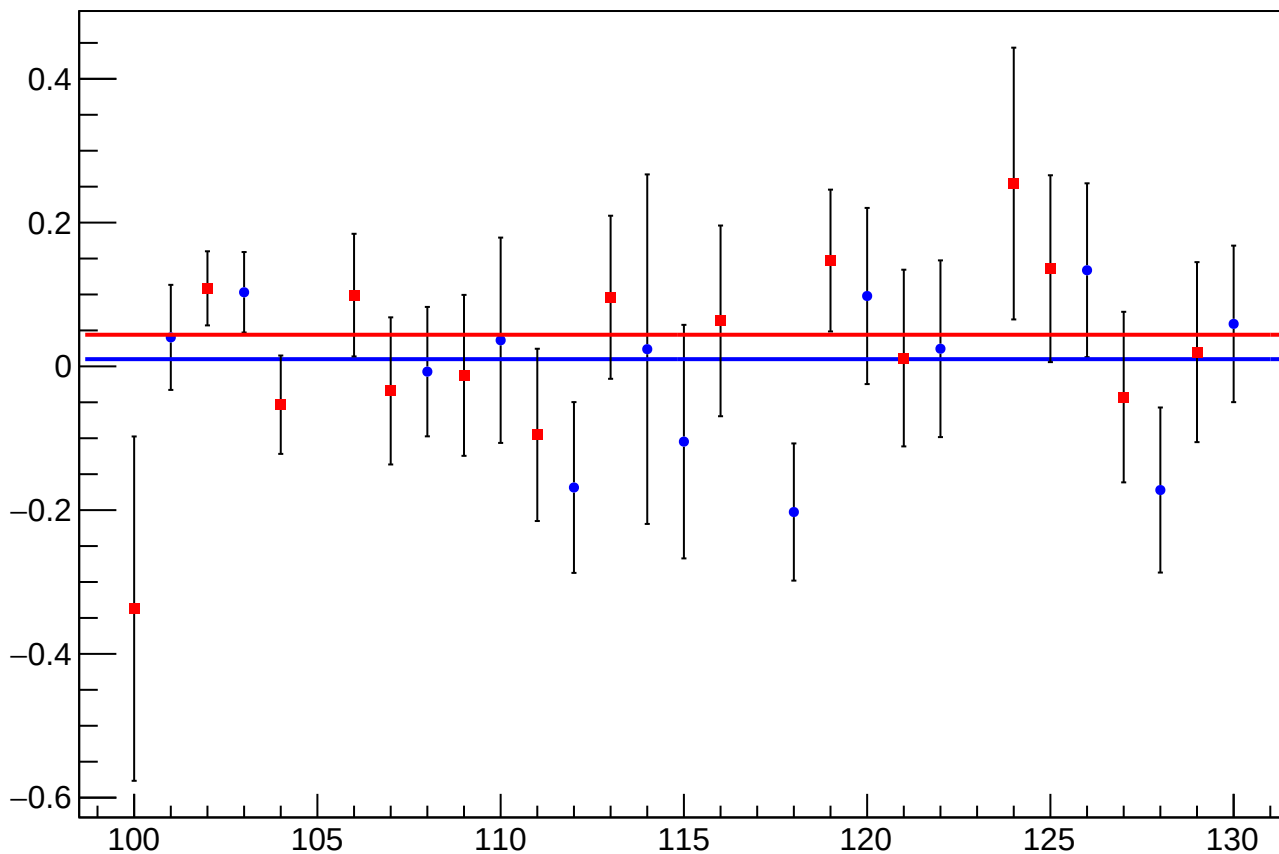
Right: 61.037+/-0.013 χ^2/NDF : 1461918.7/27

In: 63.177+/-0.020 χ^2/NDF : 588586.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.037+/-0.013 χ^2/NDF : 1461918.7/27

asym_usr_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.028 χ^2 /NDF: 15.0/12

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

Right Out: 0.044 $\pm$ 0.026 χ^2 /NDF: 12.4/14

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

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

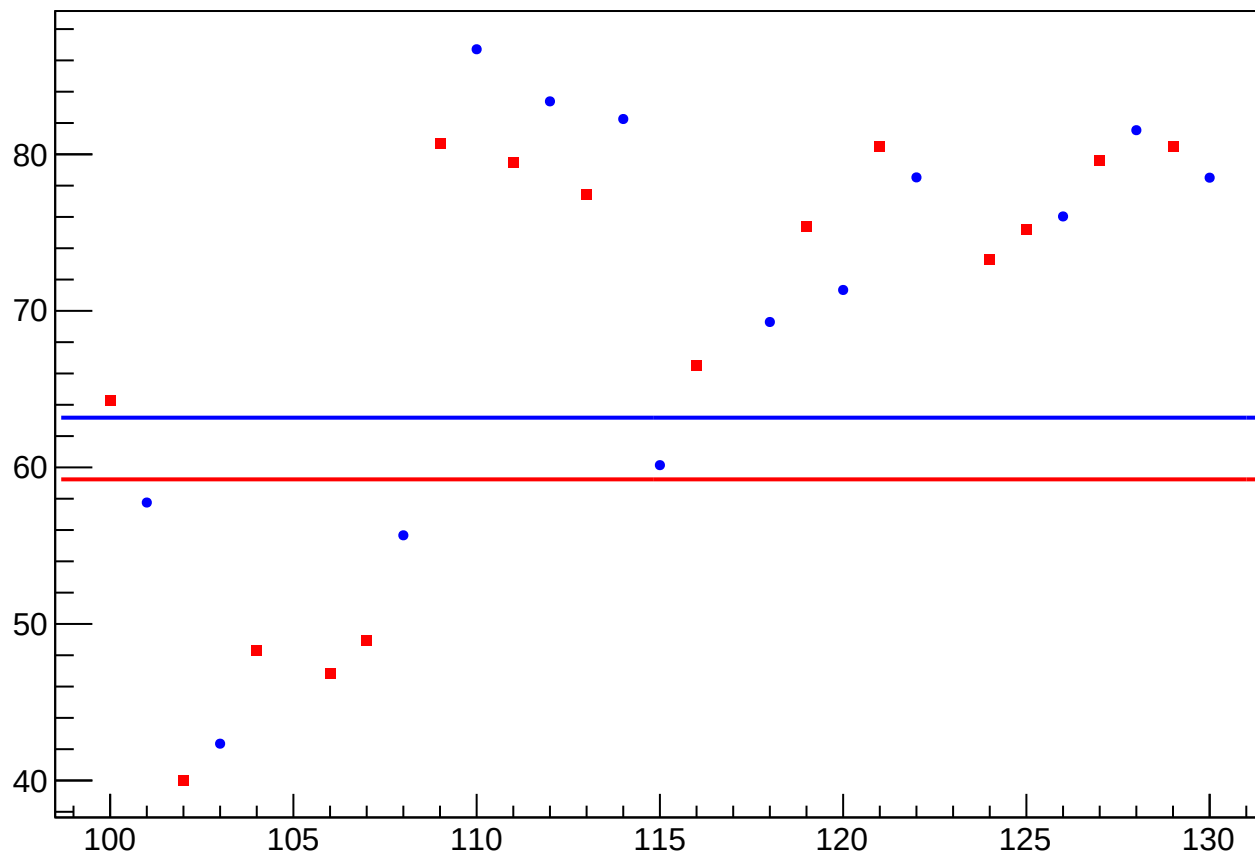
Right: 0.028 $\pm$ 0.019 χ^2 /NDF: 28.3/27

In: 0.010 $\pm$ 0.028 χ^2 /NDF:15.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.028 $\pm$ 0.019 χ^2 /NDF: 28.3/27

asym_usr_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.177+/-0.020 χ^2/NDF : 588586.7/12

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

Right Out: 59.236+/-0.018 χ^2/NDF : 851818.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

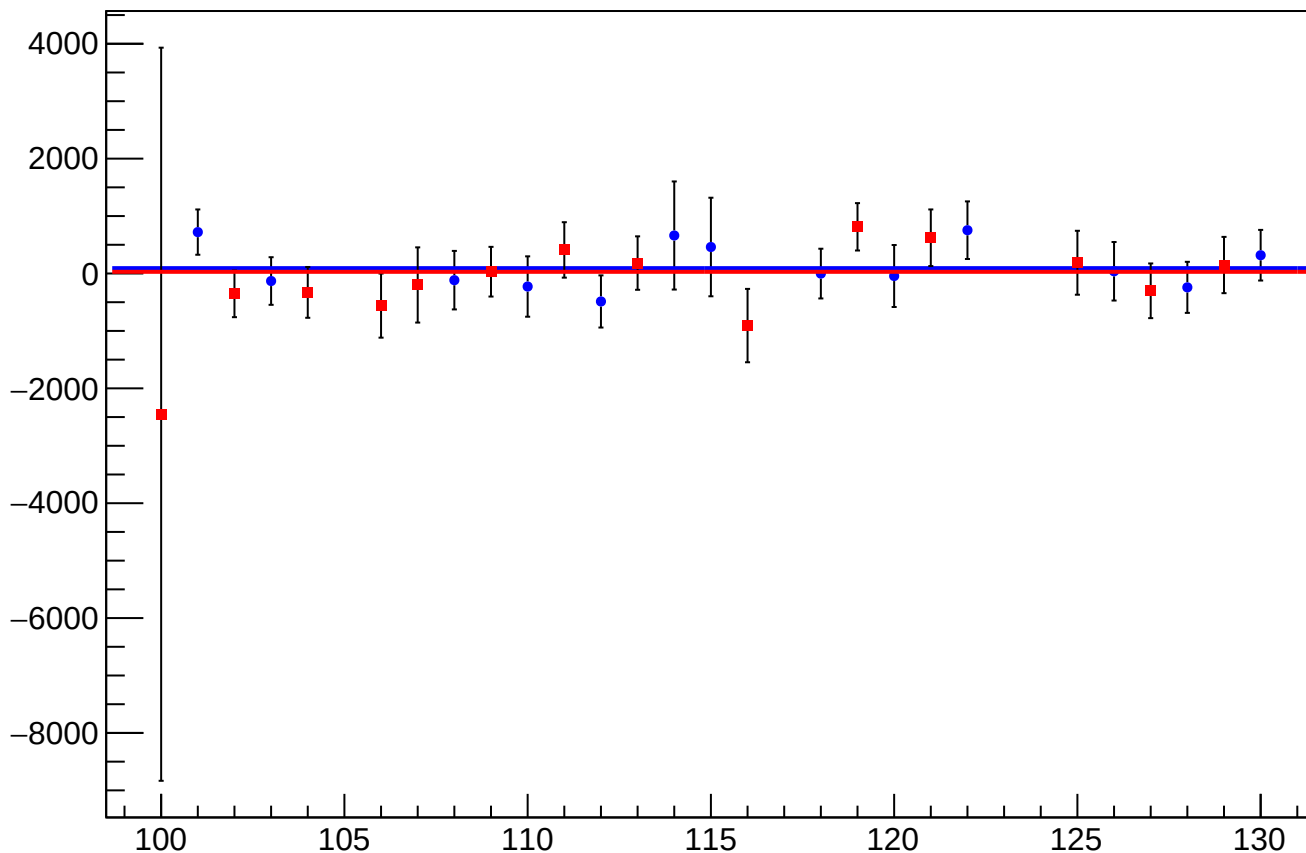
Right: 61.037+/-0.013 χ^2/NDF : 1461918.7/27

In: 63.177+/-0.020 χ^2/NDF : 588586.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.037+/-0.013 χ^2/NDF : 1461918.7/27

asym_dsl_mean vs Slug, Sign Corrected



Right In: 93.133+/-136.259 χ^2/NDF : 8.2/12

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

Right Out: 29.195+/-134.538 χ^2/NDF : 11.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

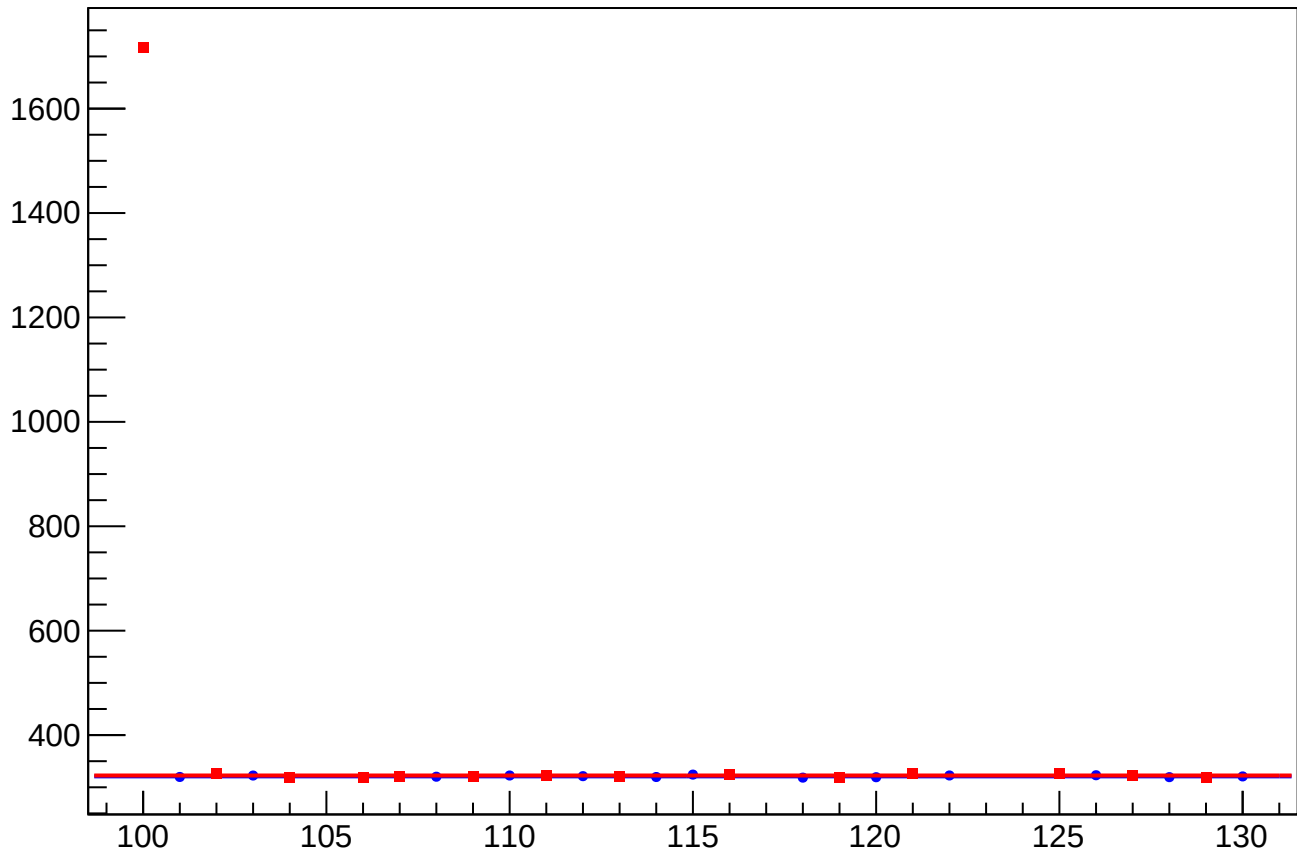
Right: 60.758+/-95.736 χ^2/NDF : 19.8/26

In: 93.133+/-136.259 χ^2/NDF : 8.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.758+/-95.736 χ^2/NDF : 19.8/26

asym_dsl_rms vs Slug, Sign Corrected



Right In: 320.912 $\pm$ 0.096 χ^2 /NDF: 267.6/12

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

Right Out: 322.603 $\pm$ 0.095 χ^2 /NDF: 96753.6/13

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

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

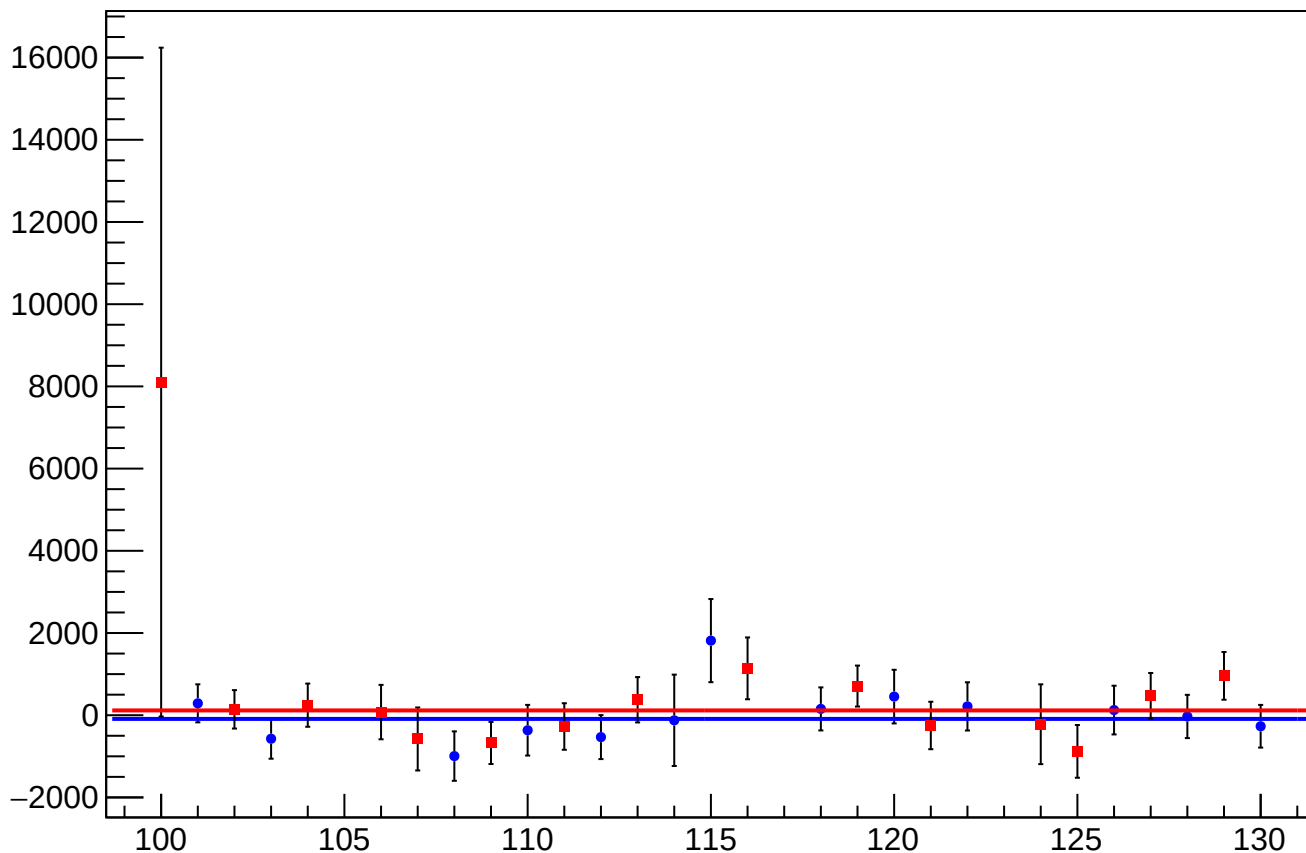
Right: 321.768 $\pm$ 0.068 χ^2 /NDF: 97177.2/26

In: 320.912 $\pm$ 0.096 χ^2 /NDF: 267.6/12

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

All: 321.768 $\pm$ 0.068 χ^2 /NDF: 97177.2/26

asym_dsr_mean vs Slug, Sign Corrected



Right In: -89.738 ± 160.851 χ^2/NDF : 9.8/12

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

Right Out: 116.717 ± 156.370 χ^2/NDF : 13.6/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

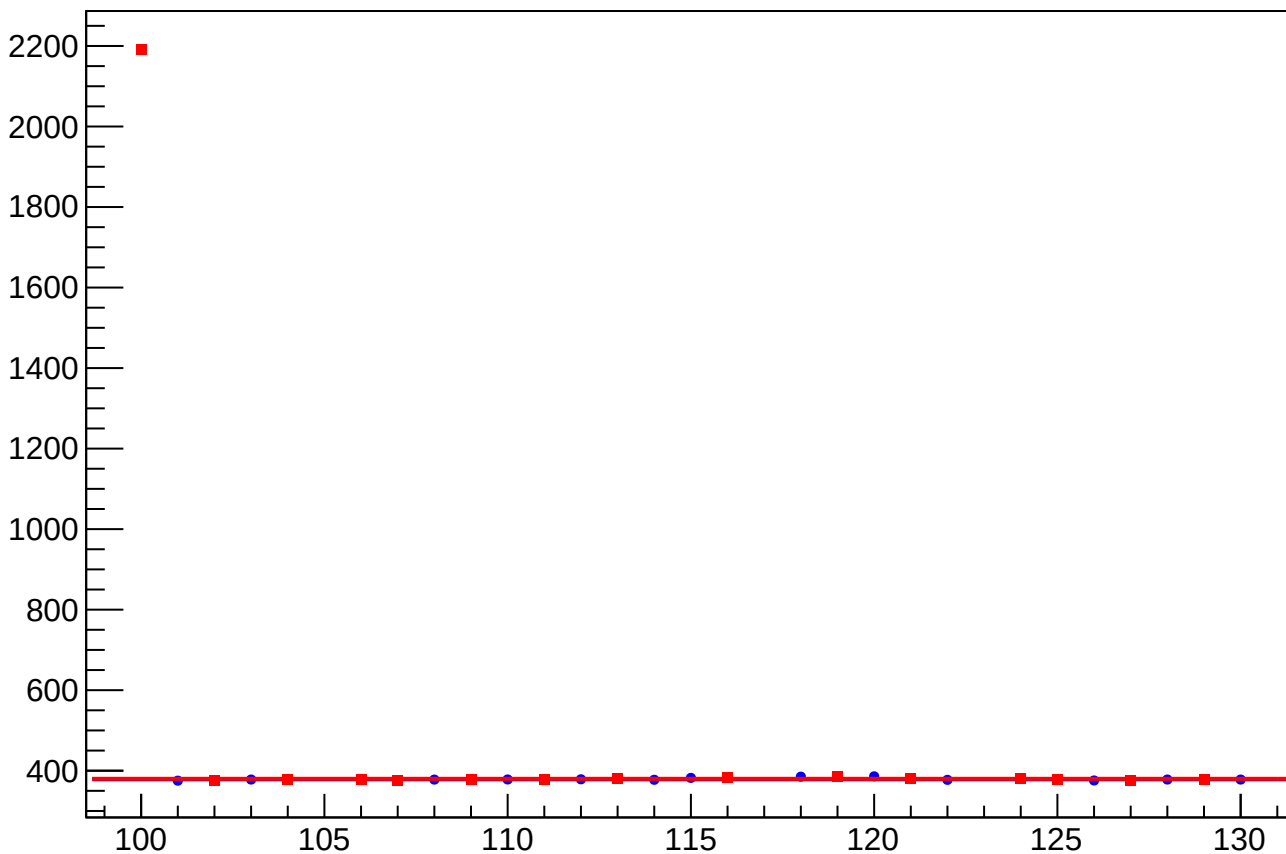
Right: 16.405 ± 112.121 χ^2/NDF : 24.3/27

In: -89.738 ± 160.851 χ^2/NDF : 9.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 16.405 ± 112.121 χ^2/NDF : 24.3/27

asym_dsr_rms vs Slug, Sign Corrected



Right In: 378.799+/-0.114 χ^2/NDF : 767.7/12

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

Right Out: 379.879+/-0.111 χ^2/NDF : 99566.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

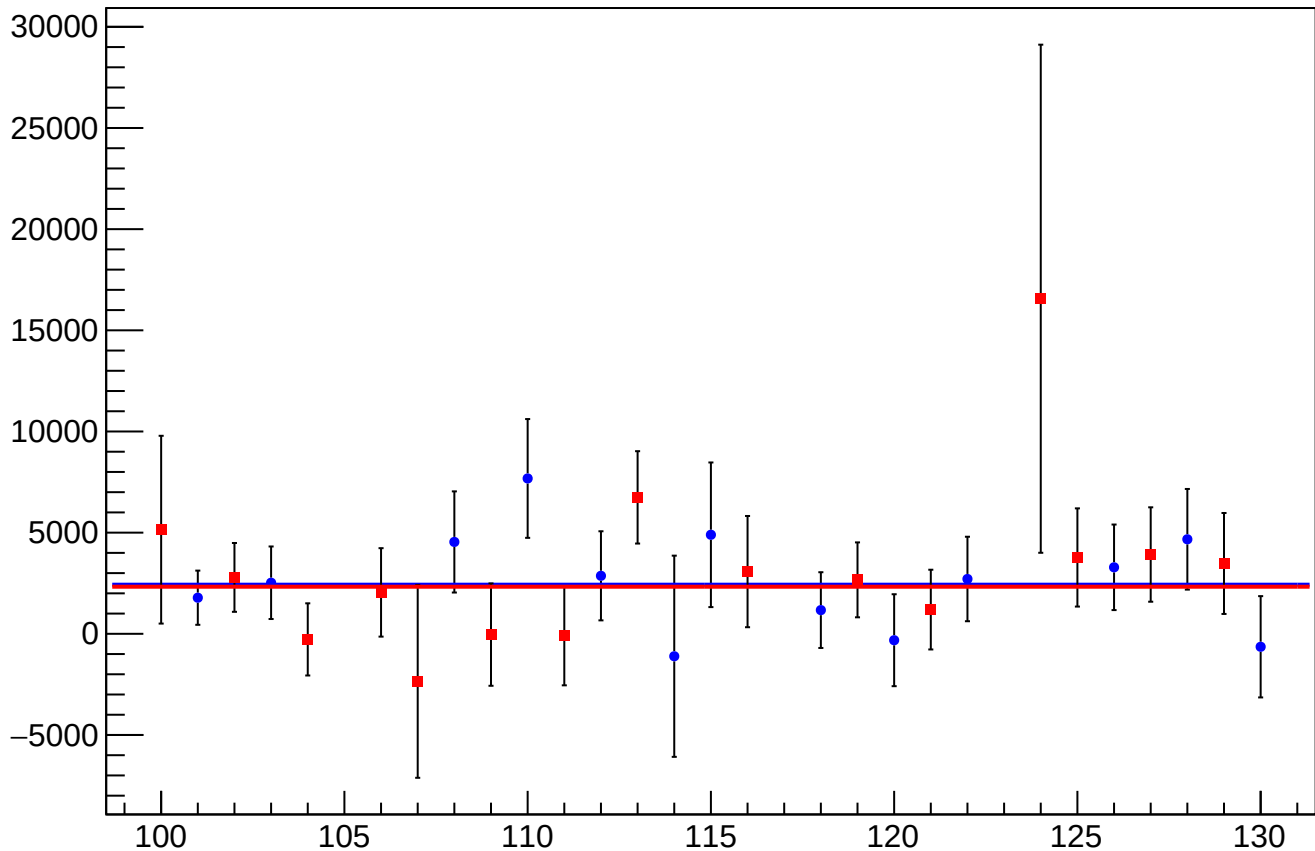
Right: 379.354+/-0.079 χ^2/NDF : 100380.5/27

In: 378.799+/-0.114 χ^2/NDF : 767.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 379.354+/-0.079 χ^2/NDF : 100380.5/27

asym_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 2427.321+/-605.969 χ^2/NDF : 9.6/12

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

Right Out: 2327.961+/-611.276 χ^2/NDF : 11.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

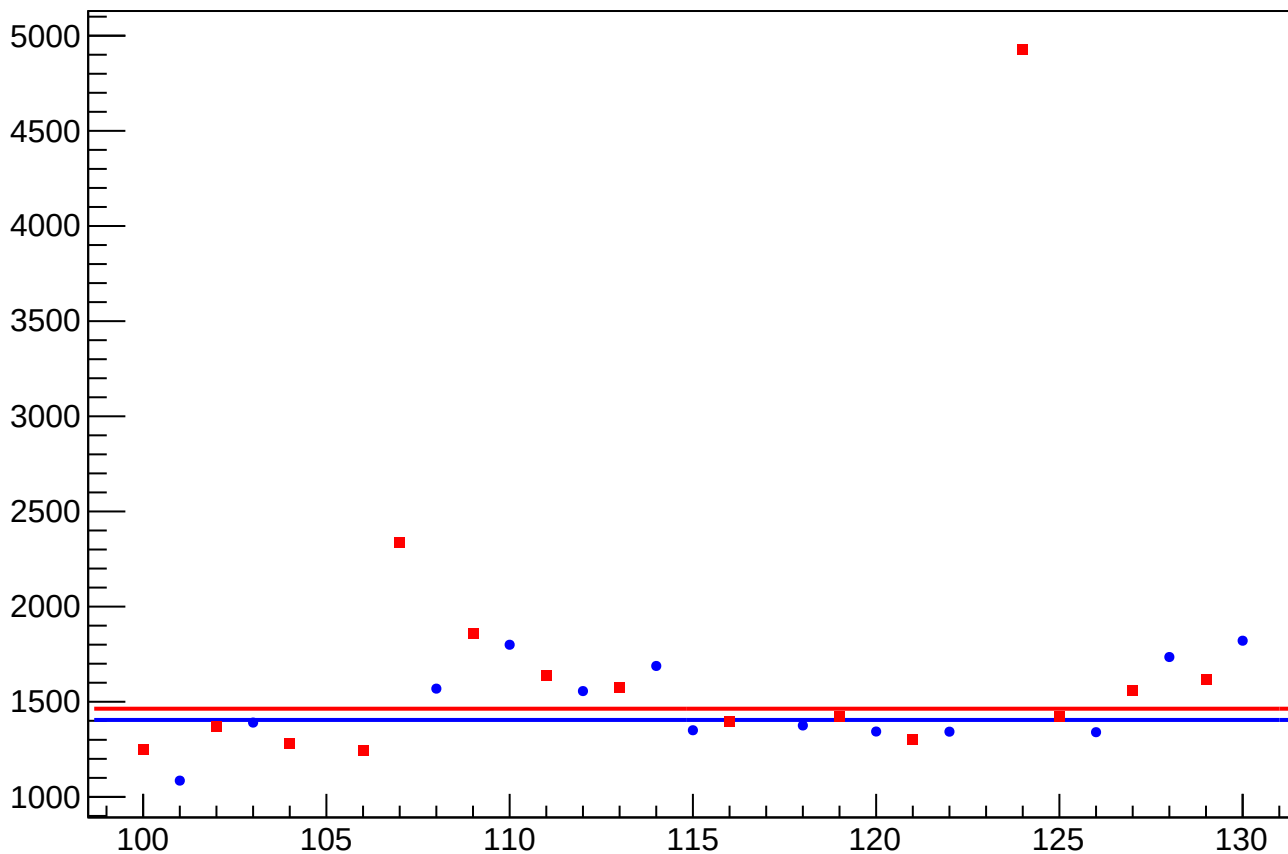
Right: 2378.074+/-430.349 χ^2/NDF : 21.5/27

In: 2427.321+/-605.969 χ^2/NDF : 9.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2378.074+/-430.349 χ^2/NDF : 21.5/27

asym_us_agg_avg_rms vs Slug, Sign Corrected



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

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

Right Out: 1463.489+/-0.432 χ^2/NDF : 362263.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

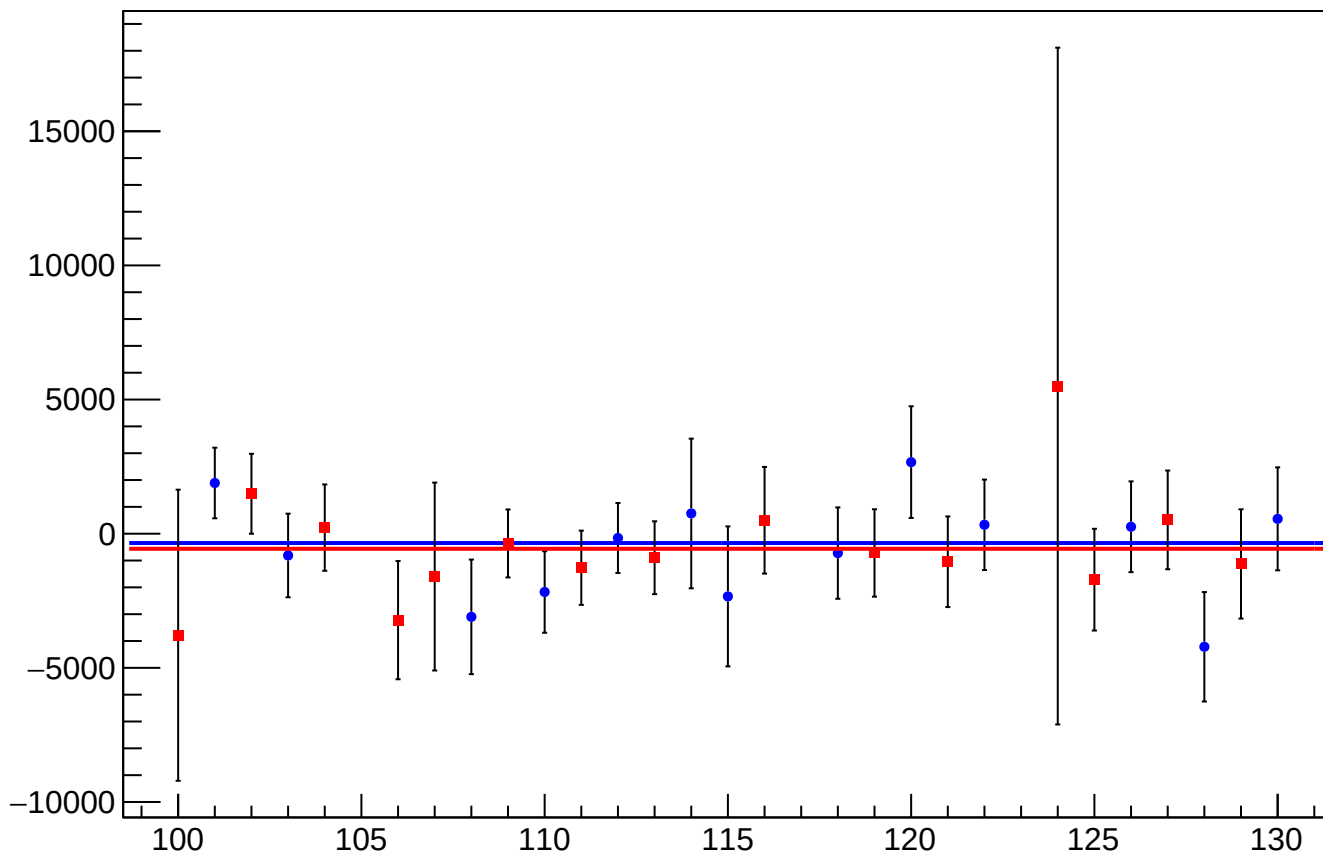
Right: 1433.703+/-0.304 χ^2/NDF : 642713.5/27

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1433.703+/-0.304 χ^2/NDF : 642713.5/27

asym_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -347.537+/-482.561 χ^2/NDF : 13.1/12

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

Right Out: -561.728+/-463.810 χ^2/NDF : 5.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

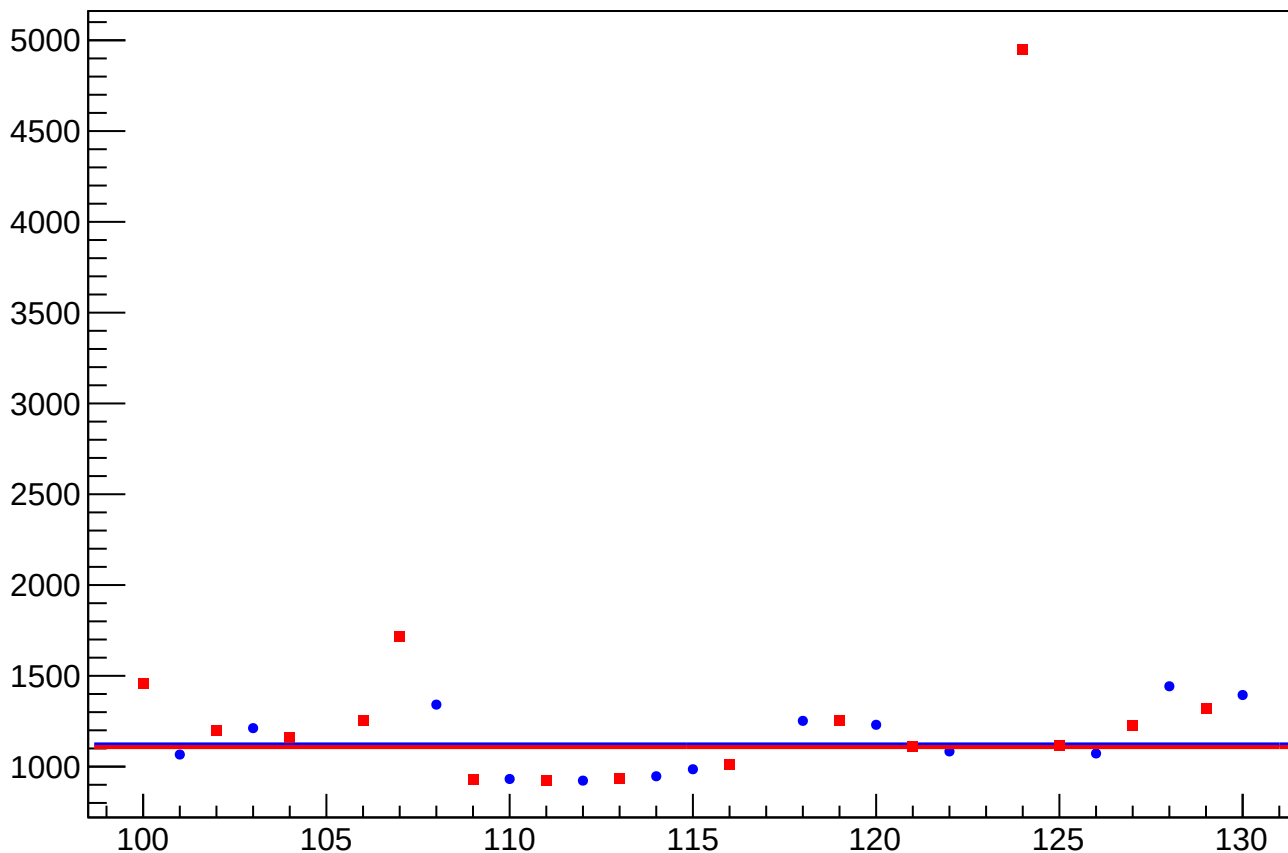
Right: -458.874+/-334.396 χ^2/NDF : 19.0/27

In: -347.537+/-482.561 χ^2/NDF : 13.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -458.874+/-334.396 χ^2/NDF : 19.0/27

asym_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 1122.315+/-0.341 χ^2/NDF : 232082.0/12

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

Right Out: 1107.510+/-0.328 χ^2/NDF : 432174.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

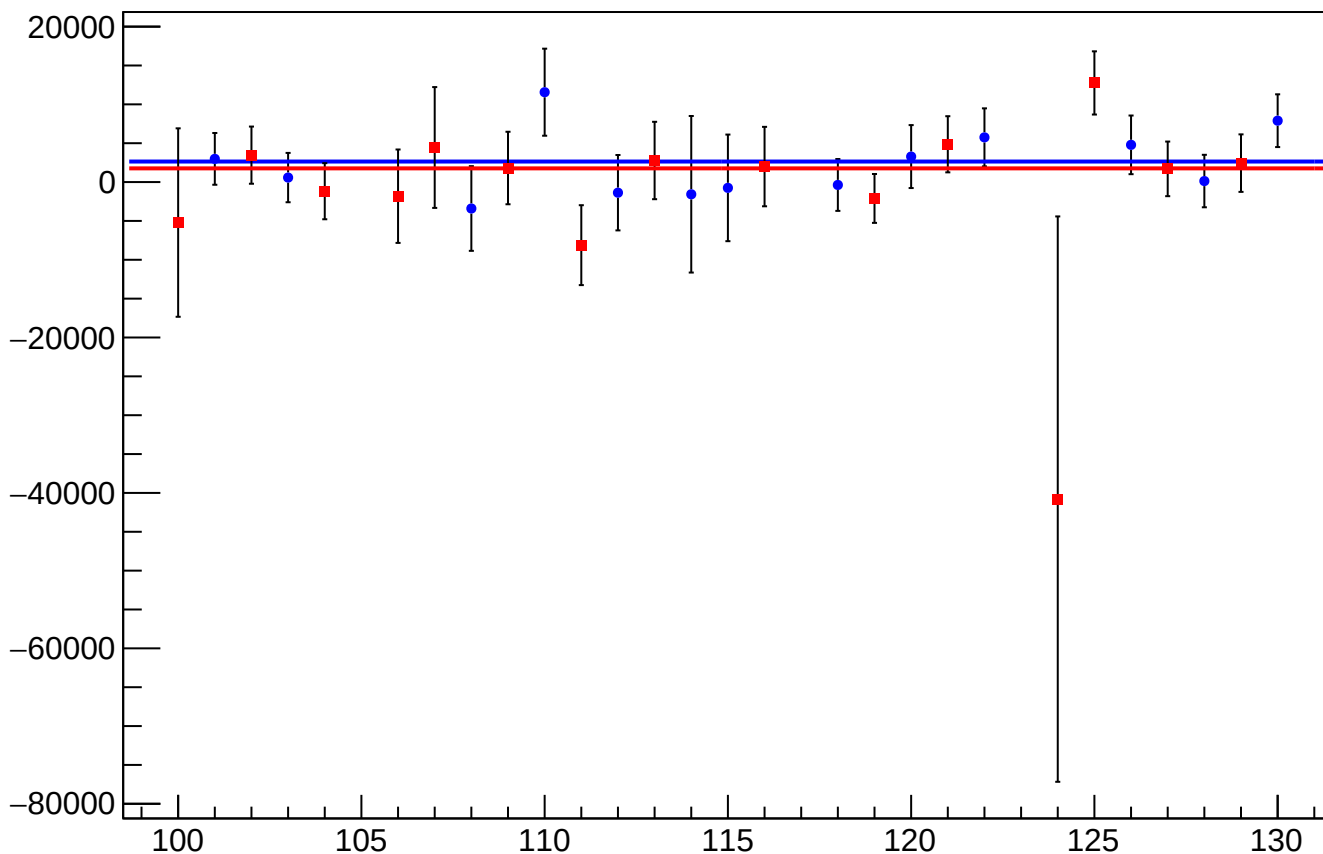
Right: 1114.620+/-0.236 χ^2/NDF : 665234.6/27

In: 1122.315+/-0.341 χ^2/NDF : 232082.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1114.620+/-0.236 χ^2/NDF : 665234.6/27

reg_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2642.486+/-1120.898 χ^2 /NDF: 10.1/12

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

Right Out: 1760.865+/-1149.289 χ^2 /NDF: 16.4/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

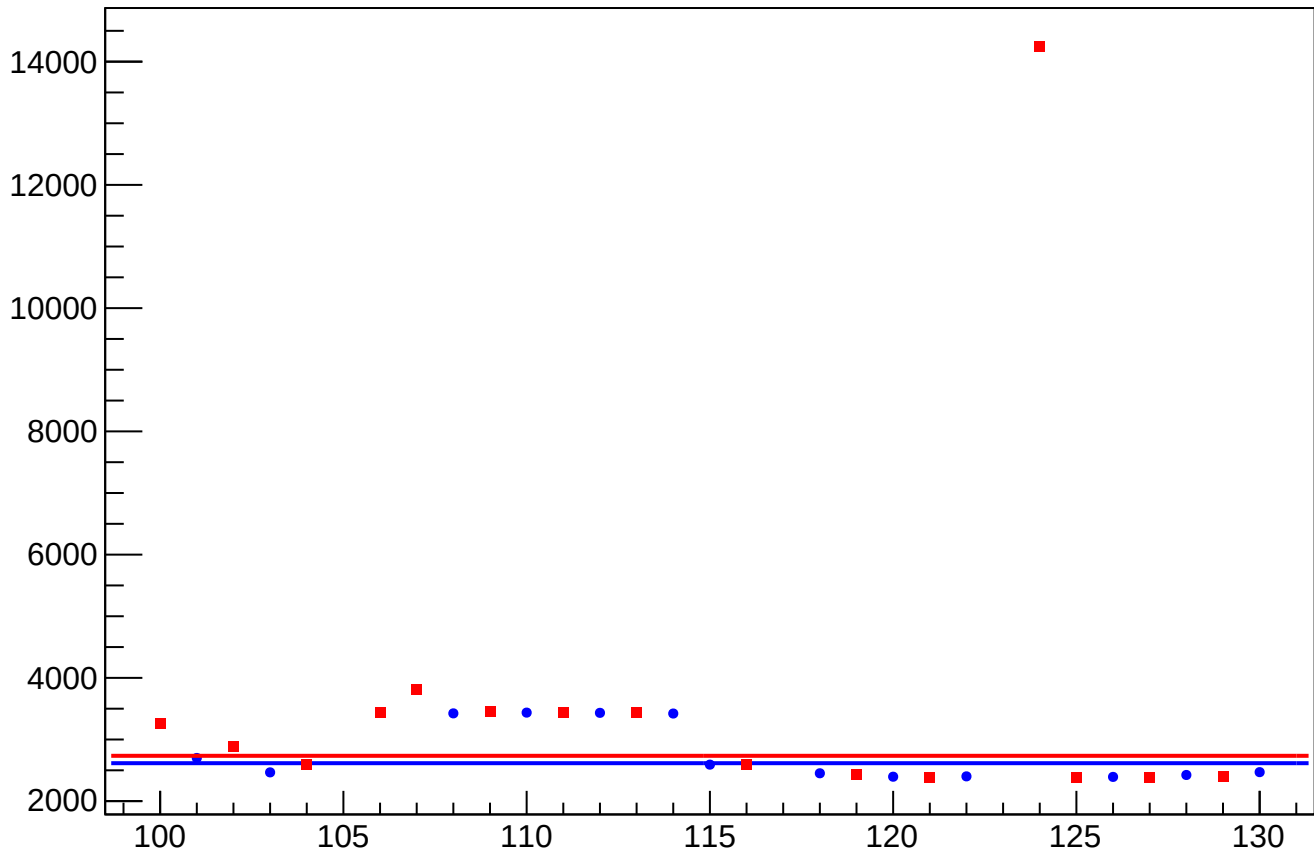
Right: 2212.699+/-802.444 χ^2 /NDF: 26.8/27

In: 2642.486+/-1120.898 χ^2 /NDF:10.1/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2212.699+/-802.444 χ^2 /NDF: 26.8/27

reg_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2615.599+/-0.793 χ^2/NDF : 196547.9/12

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

Right Out: 2735.365+/-0.813 χ^2/NDF : 490428.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

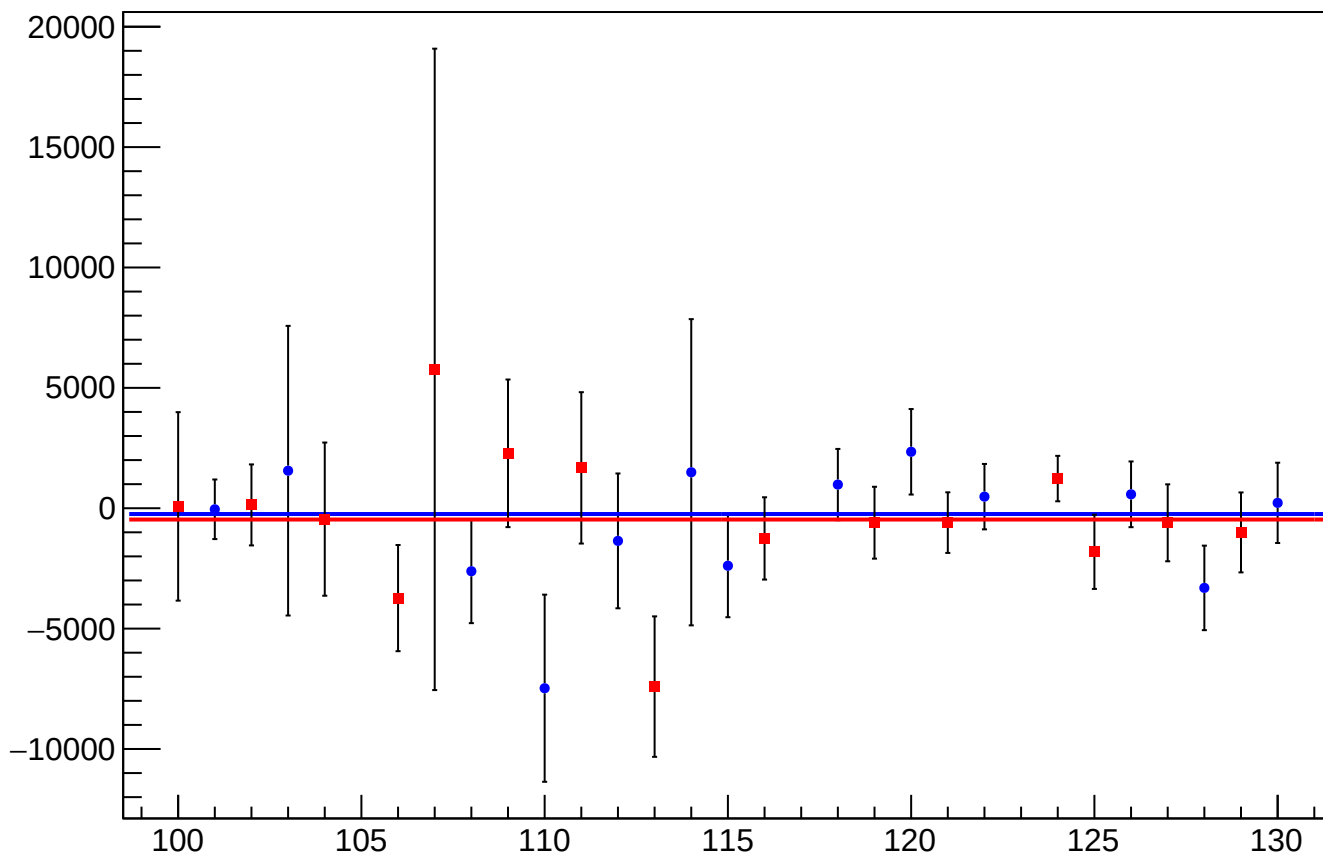
Right: 2673.984+/-0.567 χ^2/NDF : 698107.6/27

In: 2615.599+/-0.793 χ^2/NDF : 196547.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2673.984+/-0.567 χ^2/NDF : 698107.6/27

asym_atl1_reg_correction_mean vs Slug, Sign Corrected



Right In: -240.559+/-508.418 χ^2/NDF : 12.6/12

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

Right Out: -469.017+/-457.665 χ^2/NDF : 13.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

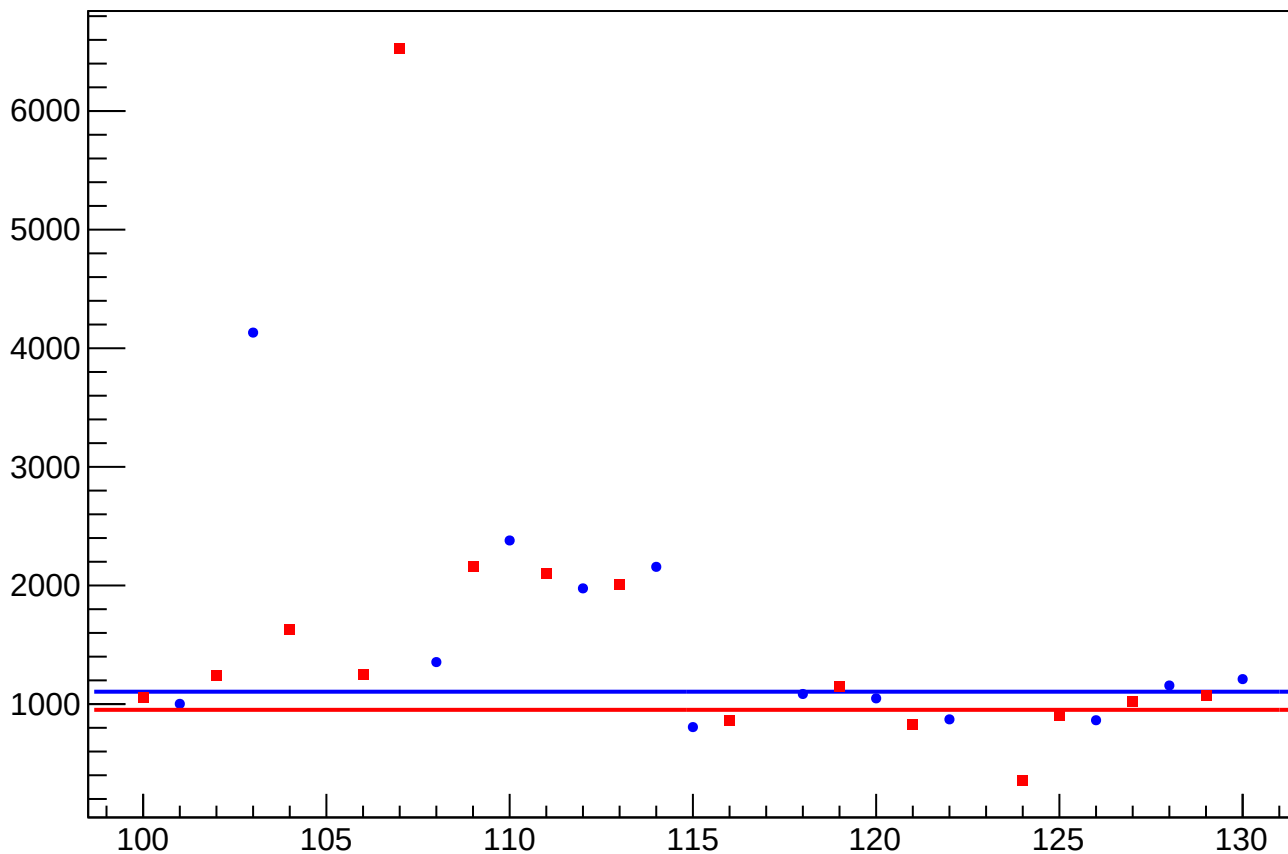
Right: -366.757+/-340.150 χ^2/NDF : 26.6/27

In: -240.559+/-508.418 χ^2/NDF : 12.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -366.757+/-340.150 χ^2/NDF : 26.6/27

asym_atl1_reg_correction_rms vs Slug, Sign Corrected



Right In: 1104.417+/-0.360 χ^2/NDF : 1183042.0/12

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

Right Out: 951.555+/-0.324 χ^2/NDF : 2257705.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

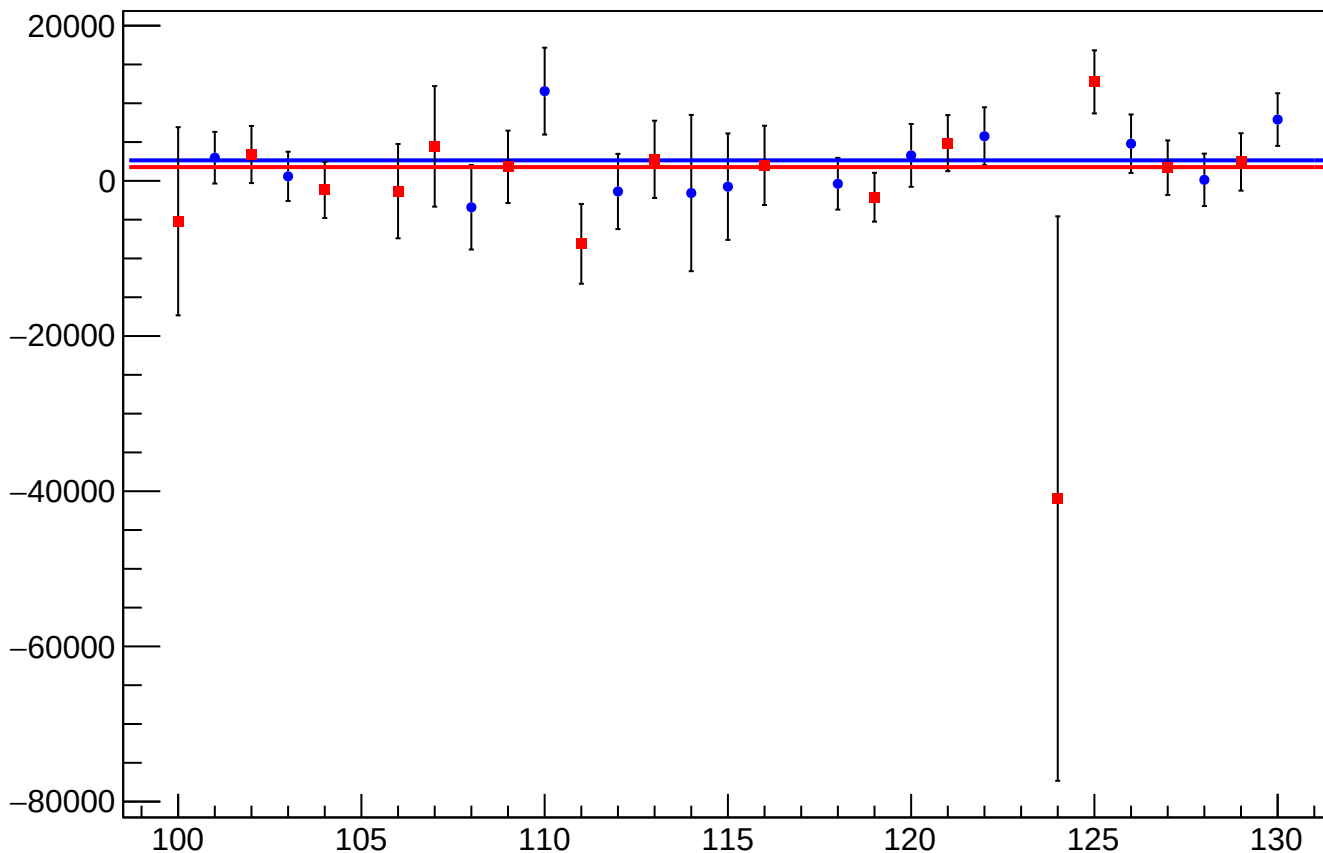
Right: 1019.978+/-0.241 χ^2/NDF : 3540616.9/27

In: 1104.417+/-0.360 χ^2/NDF : 1183042.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1019.978+/-0.241 χ^2/NDF : 3540616.9/27

cor_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2643.020+/-1120.898 χ^2 /NDF: 10.1/12

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

Right Out: 1774.276+/-1149.766 χ^2 /NDF: 16.3/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

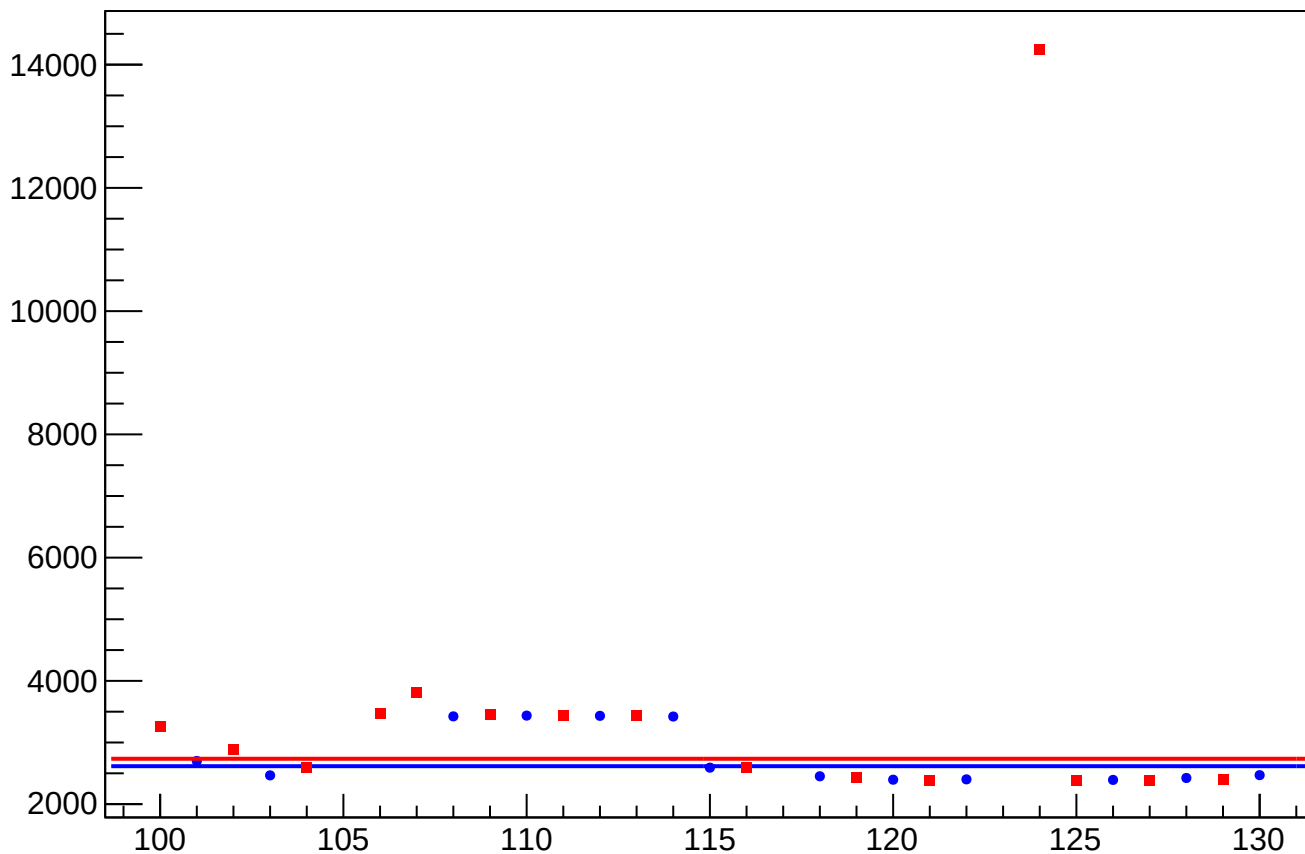
Right: 2219.691+/-802.606 χ^2 /NDF: 26.7/27

In: 2643.020+/-1120.898 χ^2 /NDF:10.1/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2219.691+/-802.606 χ^2 /NDF: 26.7/27

cor_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2615.599+/-0.793 χ^2/NDF : 196547.9/12

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

Right Out: 2736.197+/-0.813 χ^2/NDF : 492794.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

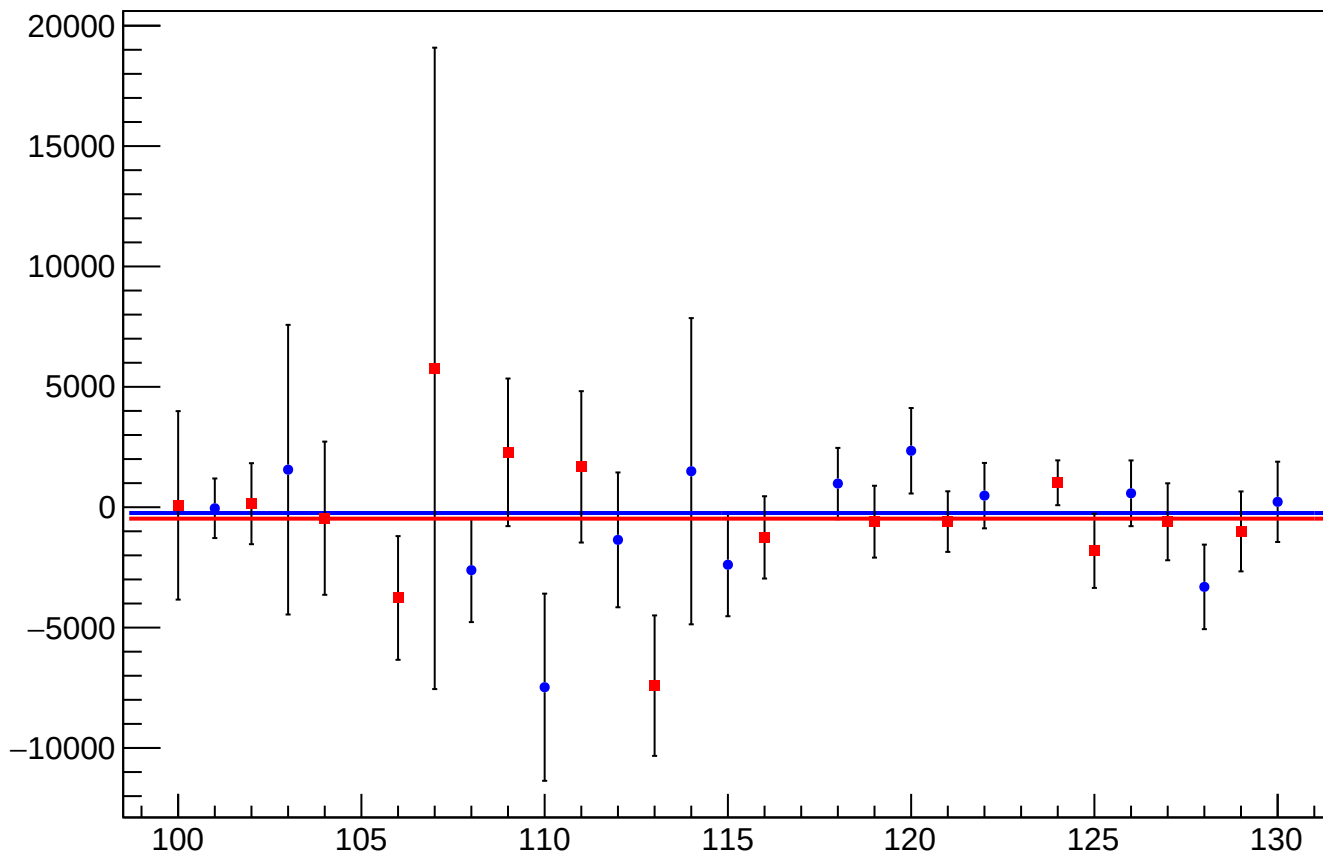
Right: 2674.365+/-0.568 χ^2/NDF : 700623.4/27

In: 2615.599+/-0.793 χ^2/NDF : 196547.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2674.365+/-0.568 χ^2/NDF : 700623.4/27

asym_atl1_cor_correction_mean vs Slug, Sign Corrected



Right In: -240.561 ± 508.417 χ^2/NDF : 12.6/12

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

Right Out: -474.518 ± 458.829 χ^2/NDF : 12.6/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

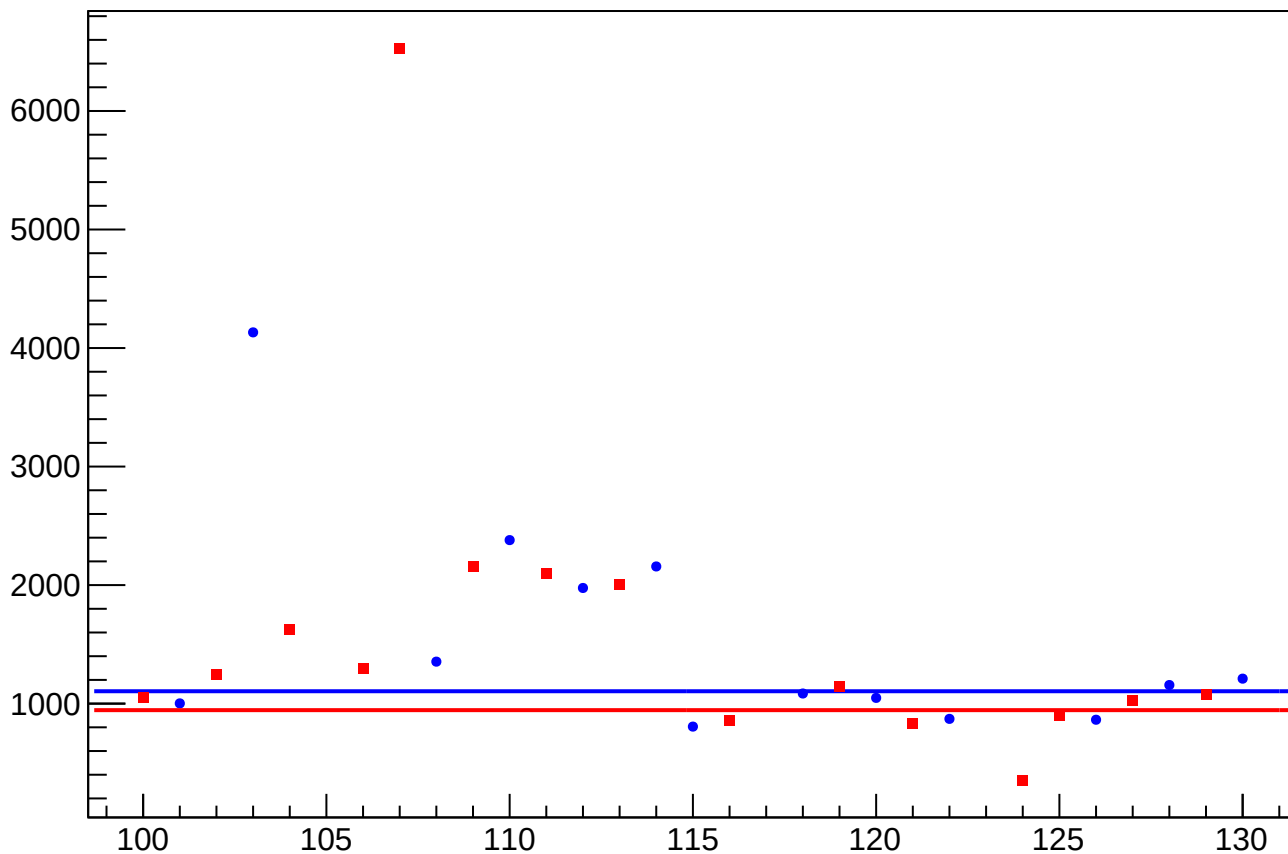
Right: -369.502 ± 340.627 χ^2/NDF : 25.3/27

In: -240.561 ± 508.417 χ^2/NDF : 12.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -369.502 ± 340.627 χ^2/NDF : 25.3/27

asym_atl1_cor_correction_rms vs Slug, Sign Corrected



Right In: 1104.415+/-0.360 χ^2/NDF : 1183016.4/12

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

Right Out: 944.848+/-0.324 χ^2/NDF : 2291047.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

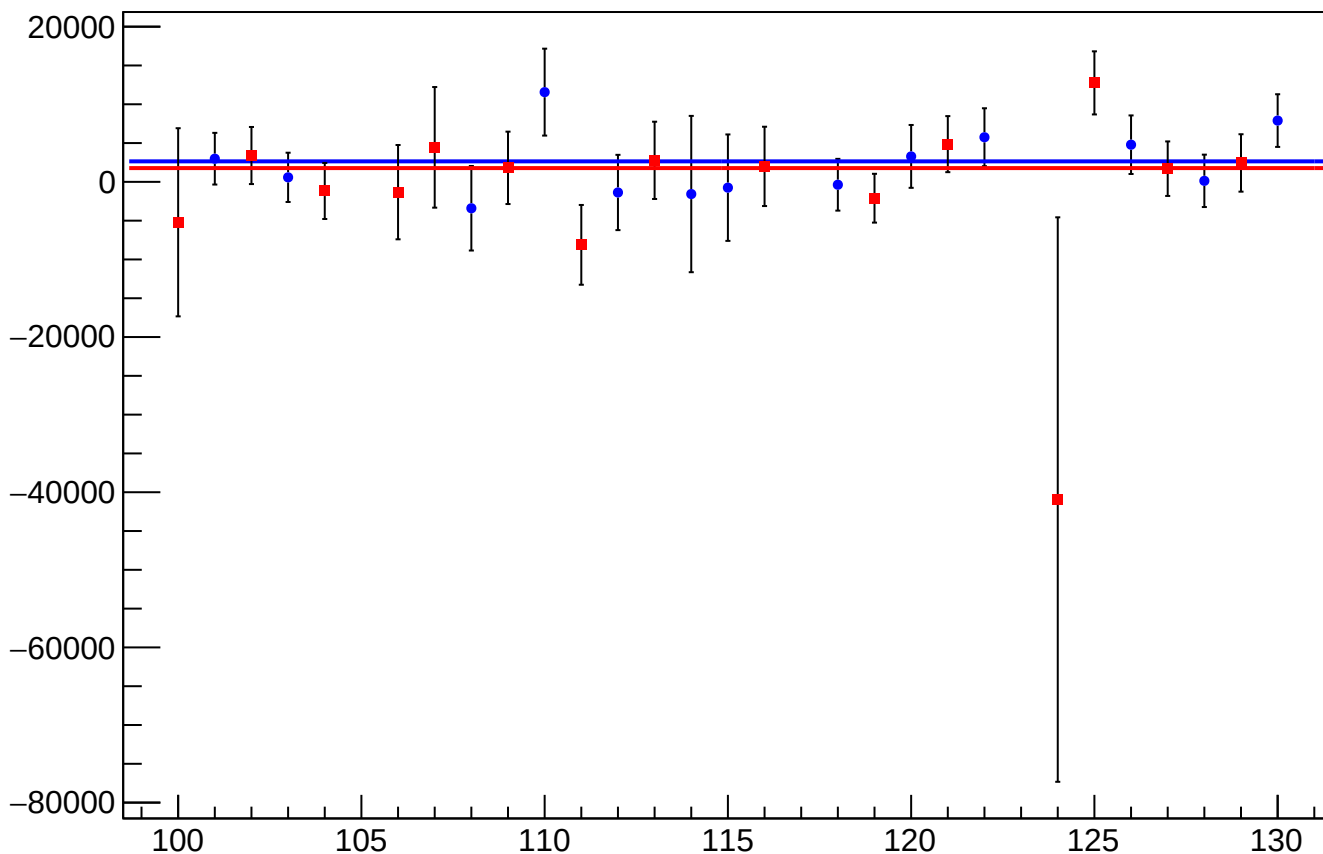
Right: 1016.472+/-0.241 χ^2/NDF : 3582639.1/27

In: 1104.415+/-0.360 χ^2/NDF : 1183016.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1016.472+/-0.241 χ^2/NDF : 3582639.1/27

eigen_cor_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2643.020+/-1120.898 χ^2/NDF : 10.1/12

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

Right Out: 1774.276+/-1149.766 χ^2/NDF : 16.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

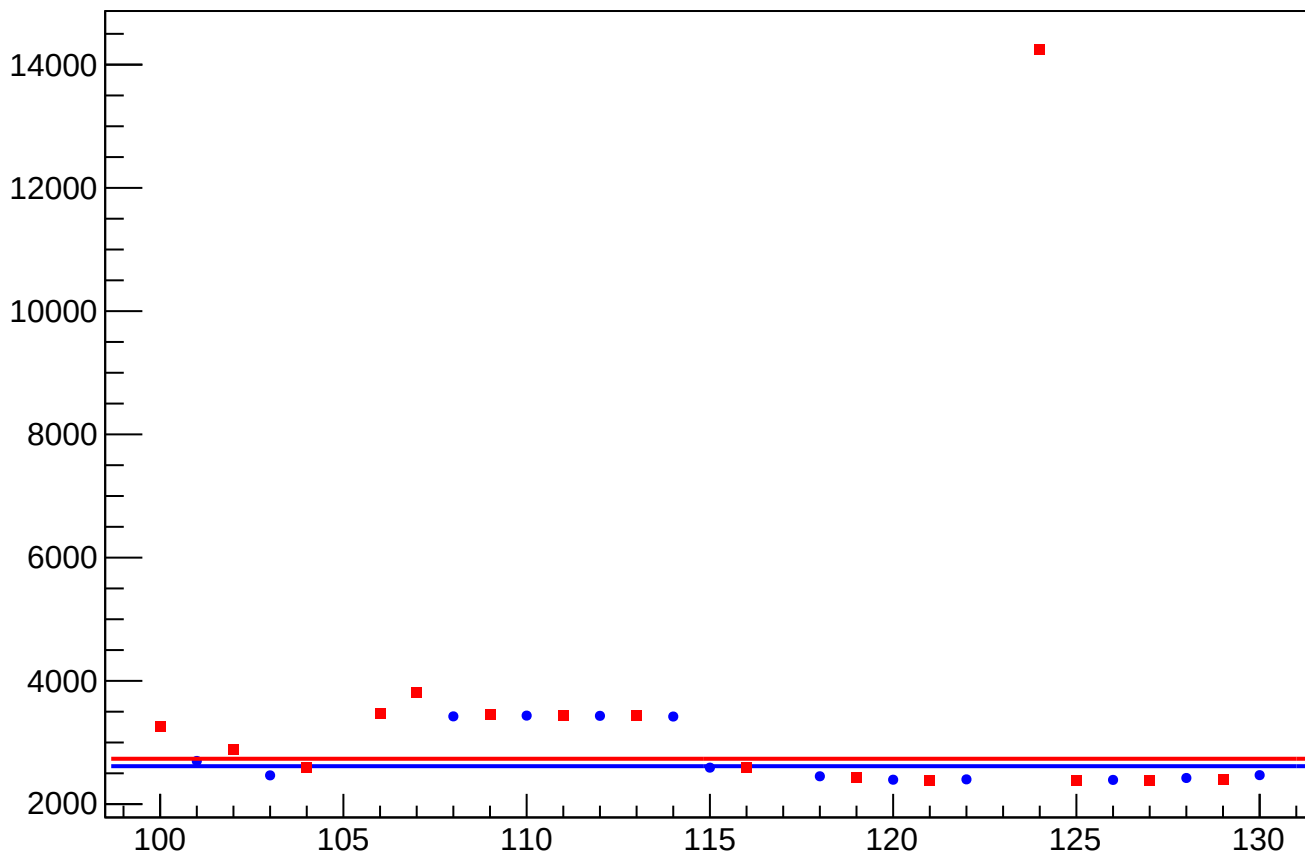
Right: 2219.691+/-802.606 χ^2/NDF : 26.7/27

In: 2643.020+/-1120.898 χ^2/NDF : 10.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2219.691+/-802.606 χ^2/NDF : 26.7/27

eigen_cor_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2615.599+/-0.793 χ^2/NDF : 196547.9/12

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

Right Out: 2736.197+/-0.813 χ^2/NDF : 492794.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

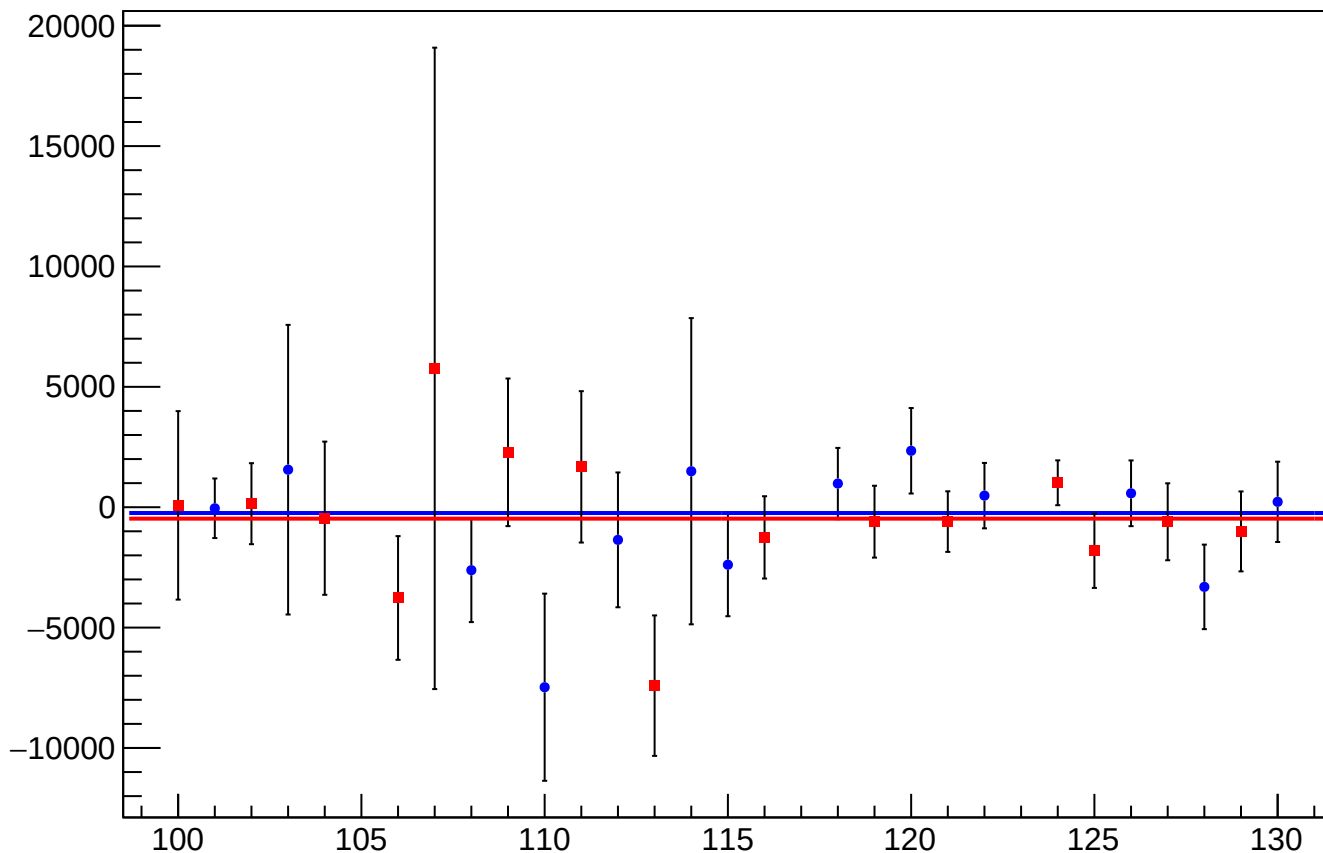
Right: 2674.365+/-0.568 χ^2/NDF : 700623.4/27

In: 2615.599+/-0.793 χ^2/NDF : 196547.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2674.365+/-0.568 χ^2/NDF : 700623.4/27

asym_atl1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -240.561+/-508.417 χ^2/NDF : 12.6/12

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

Right Out: -474.518+/-458.829 χ^2/NDF : 12.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

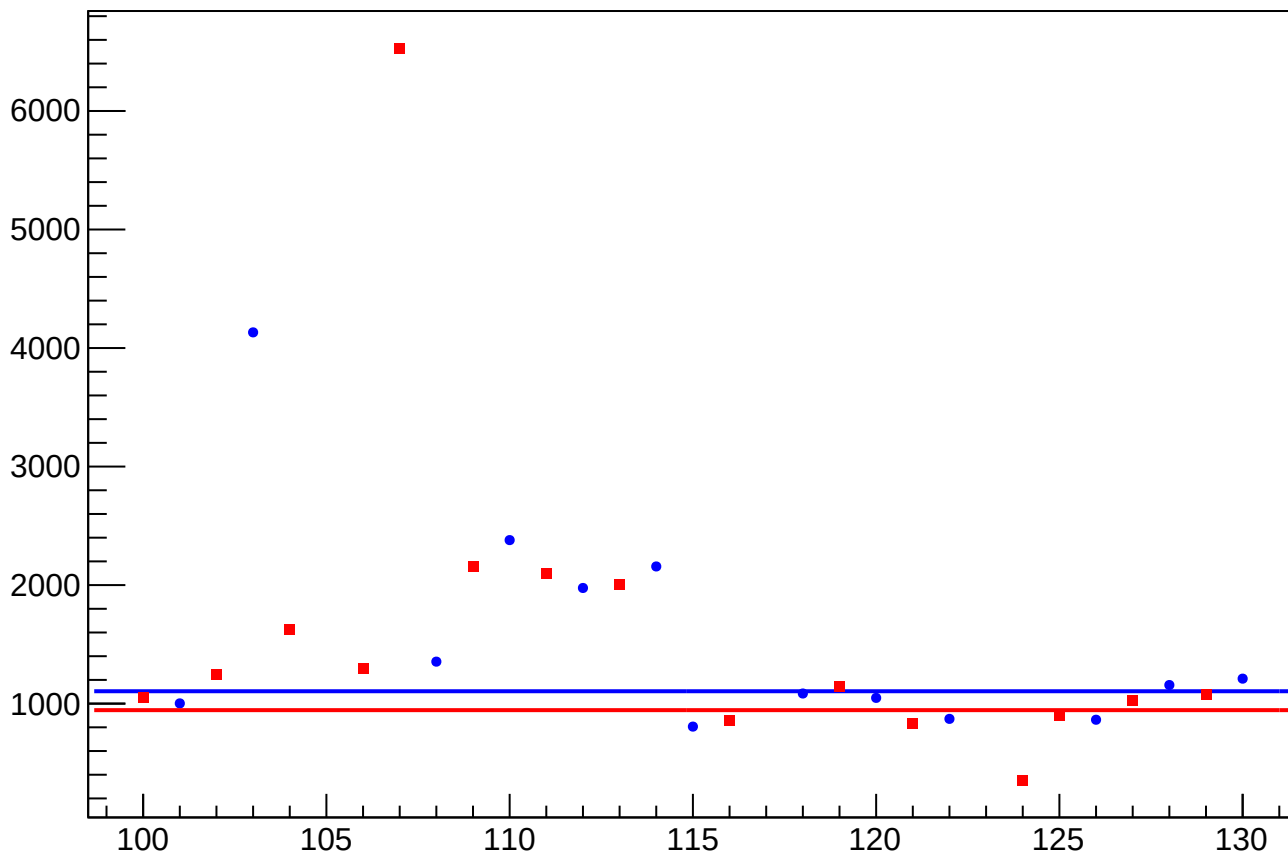
Right: -369.502+/-340.627 χ^2/NDF : 25.3/27

In: -240.561+/-508.417 χ^2/NDF : 12.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -369.502+/-340.627 χ^2/NDF : 25.3/27

asym_atl1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1104.415+/-0.360 χ^2/NDF : 1183016.4/12

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

Right Out: 944.848+/-0.324 χ^2/NDF : 2291047.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

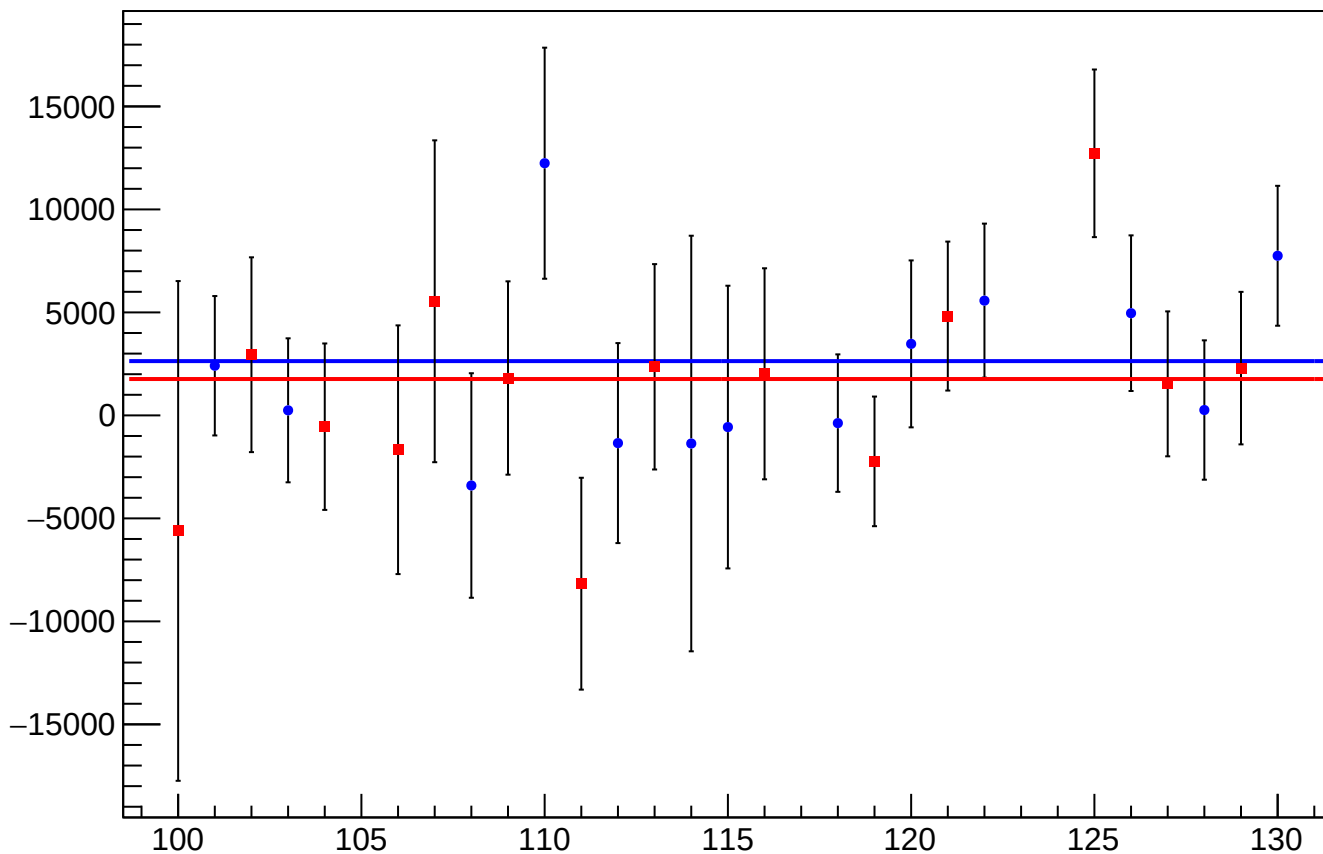
Right: 1016.472+/-0.241 χ^2/NDF : 3582639.1/27

In: 1104.415+/-0.360 χ^2/NDF : 1183016.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1016.472+/-0.241 χ^2/NDF : 3582639.1/27

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2635.510+/-1136.369 χ^2/NDF : 10.3/12

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

Right Out: 1765.634+/-1187.026 χ^2/NDF : 14.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

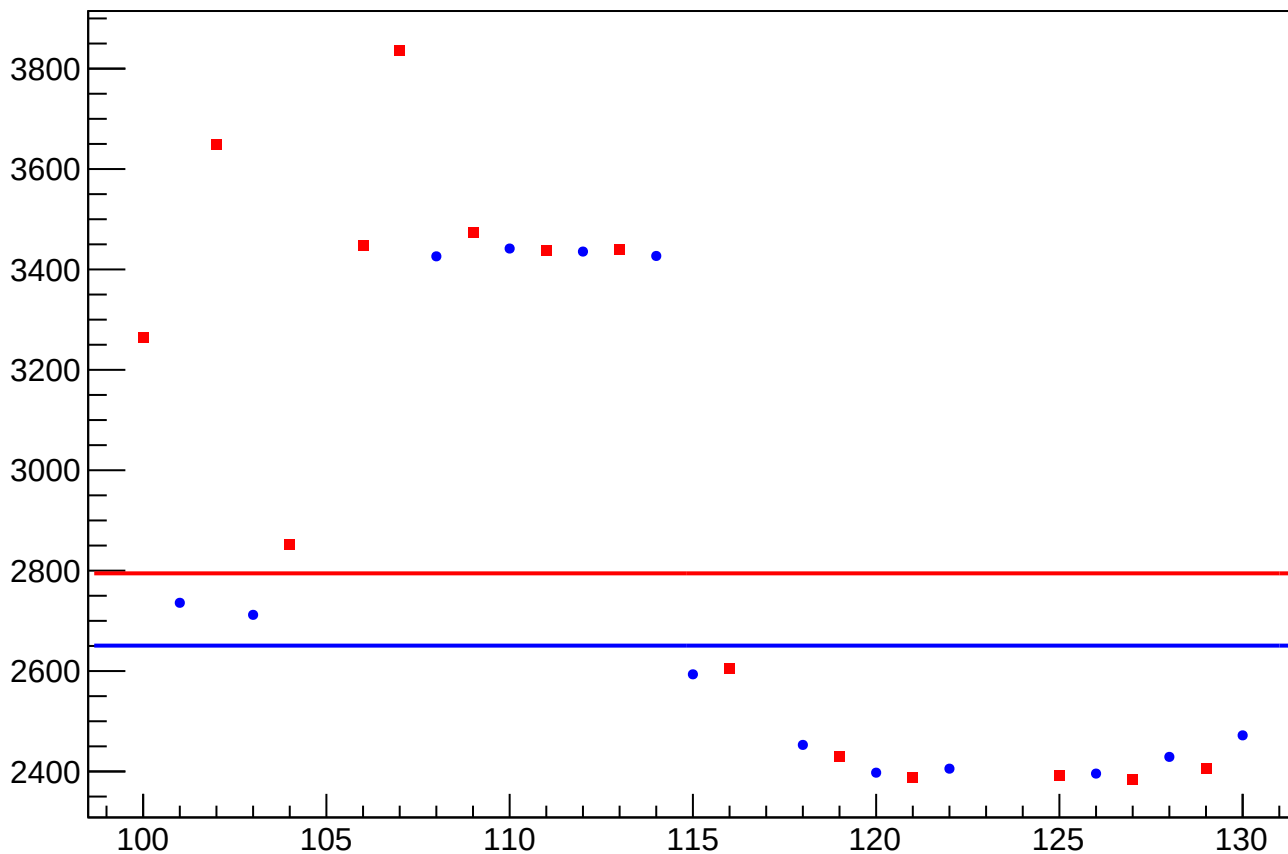
Right: 2219.529+/-820.858 χ^2/NDF : 25.2/26

In: 2635.510+/-1136.369 χ^2/NDF : 10.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2219.529+/-820.858 χ^2/NDF : 25.2/26

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2650.677+/-0.804 χ^2/NDF : 193035.0/12

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

Right Out: 2794.627+/-0.839 χ^2/NDF : 358004.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

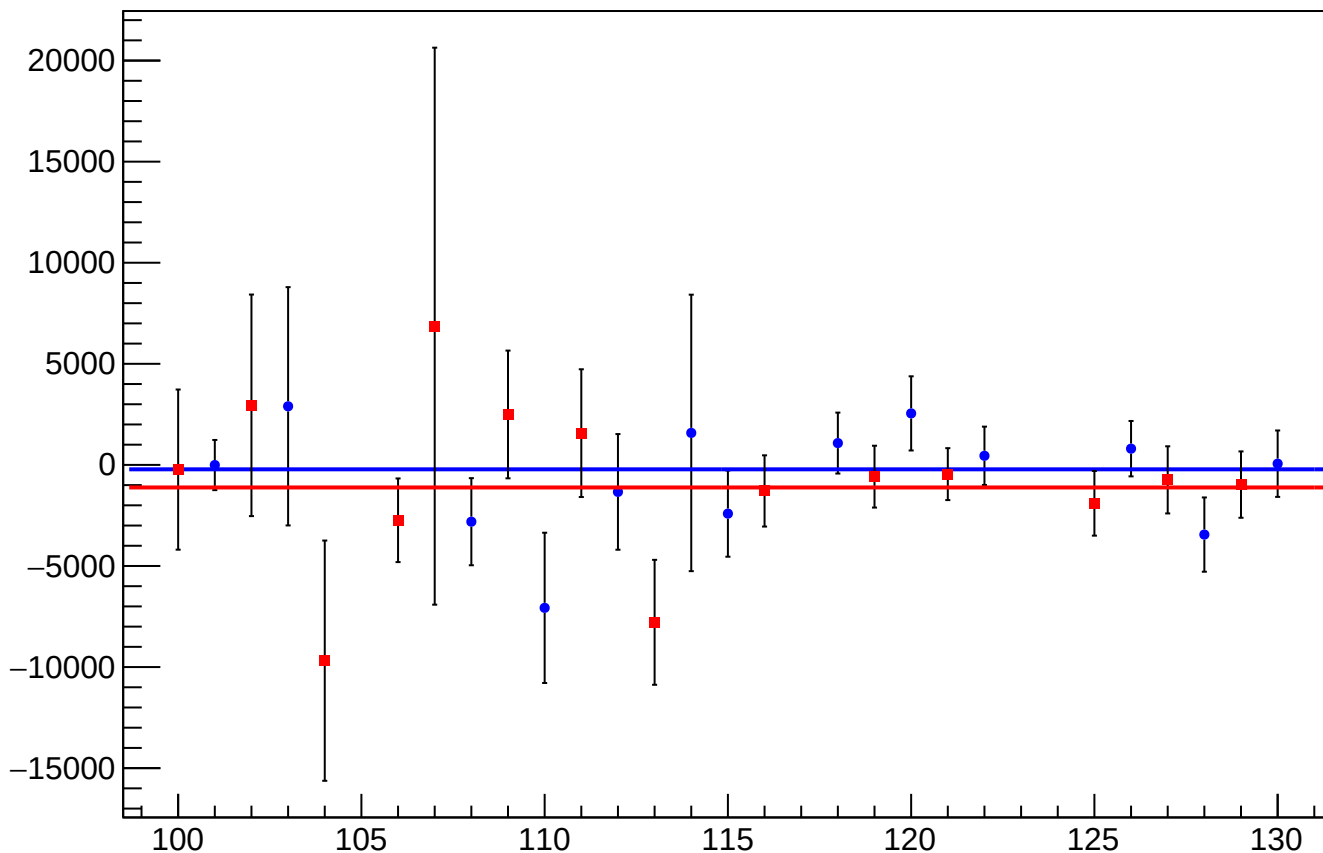
Right: 2719.515+/-0.580 χ^2/NDF : 566386.3/26

In: 2650.677+/-0.804 χ^2/NDF : 193035.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2719.515+/-0.580 χ^2/NDF : 566386.3/26

asym_atl1_dit_correction_mean vs Slug, Sign Corrected



Right In: -218.948+/-516.541 χ^2/NDF : 13.3/12

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

Right Out: -1116.057+/-563.462 χ^2/NDF : 11.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

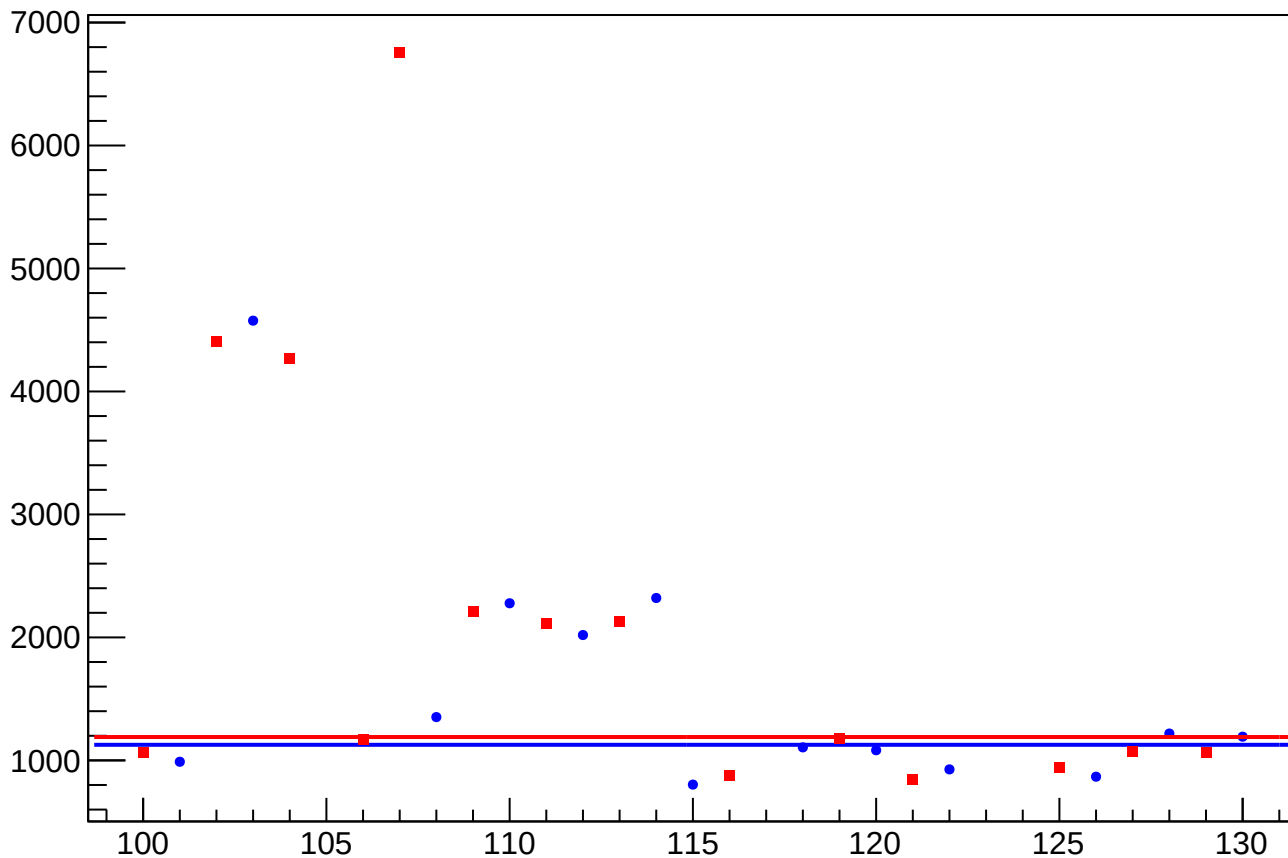
Right: -628.601+/-380.759 χ^2/NDF : 25.7/26

In: -218.948+/-516.541 χ^2/NDF : 13.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -628.601+/-380.759 χ^2/NDF : 25.7/26

asym_atl1_dit_correction_rms vs Slug, Sign Corrected



Right In: 1126.739 $\pm$ 0.365 χ^2 /NDF: 1344869.9/12

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

Right Out: 1189.984 $\pm$ 0.398 χ^2 /NDF: 2389164.6/13

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

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

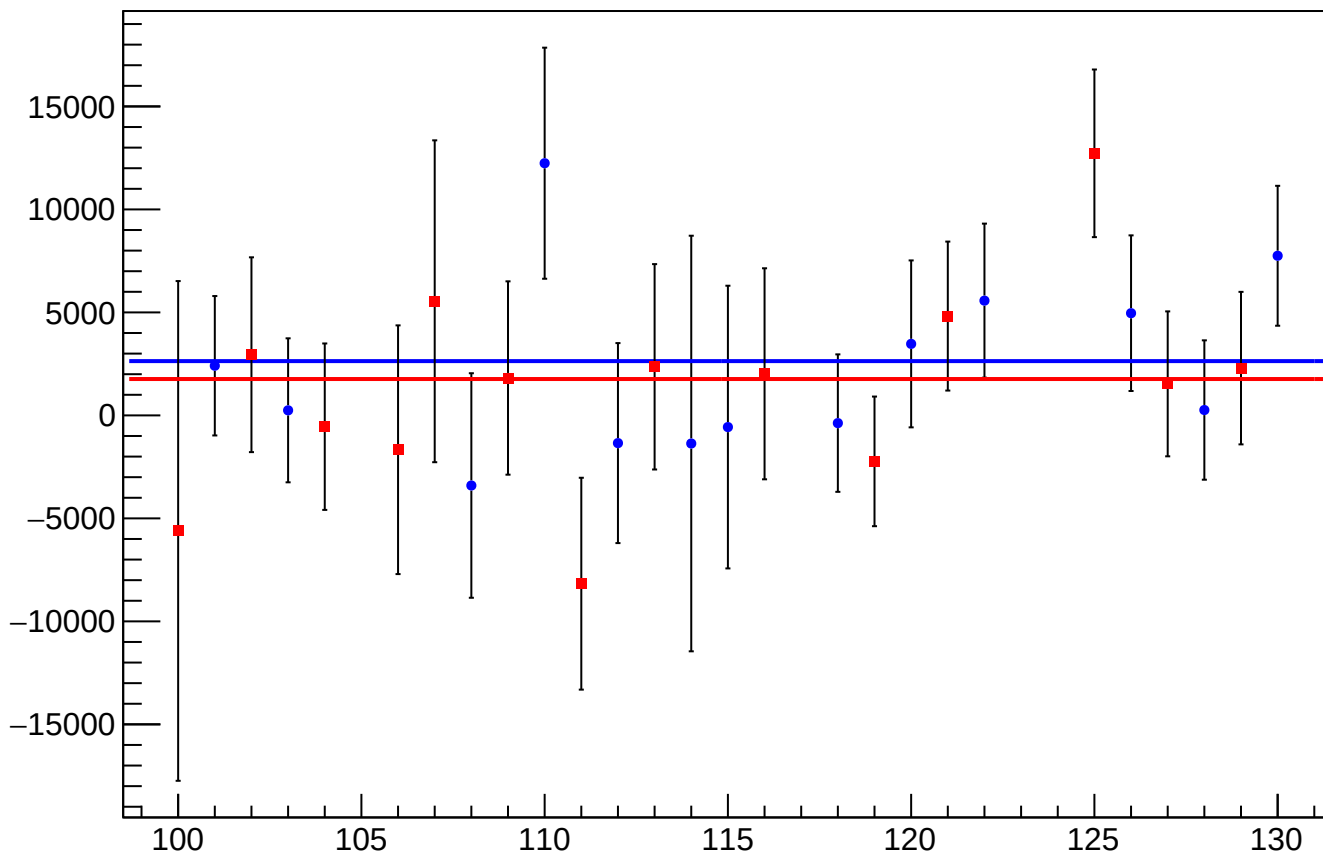
Right: 1155.619 $\pm$ 0.269 χ^2 /NDF: 3747726.0/26

In: 1126.739 $\pm$ 0.365 χ^2 /NDF:1344869.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1155.619 $\pm$ 0.269 χ^2 /NDF: 3747726.0/26

eigen_dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2635.506+/-1136.368 χ^2/NDF : 10.3/12

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

Right Out: 1765.631+/-1187.026 χ^2/NDF : 14.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

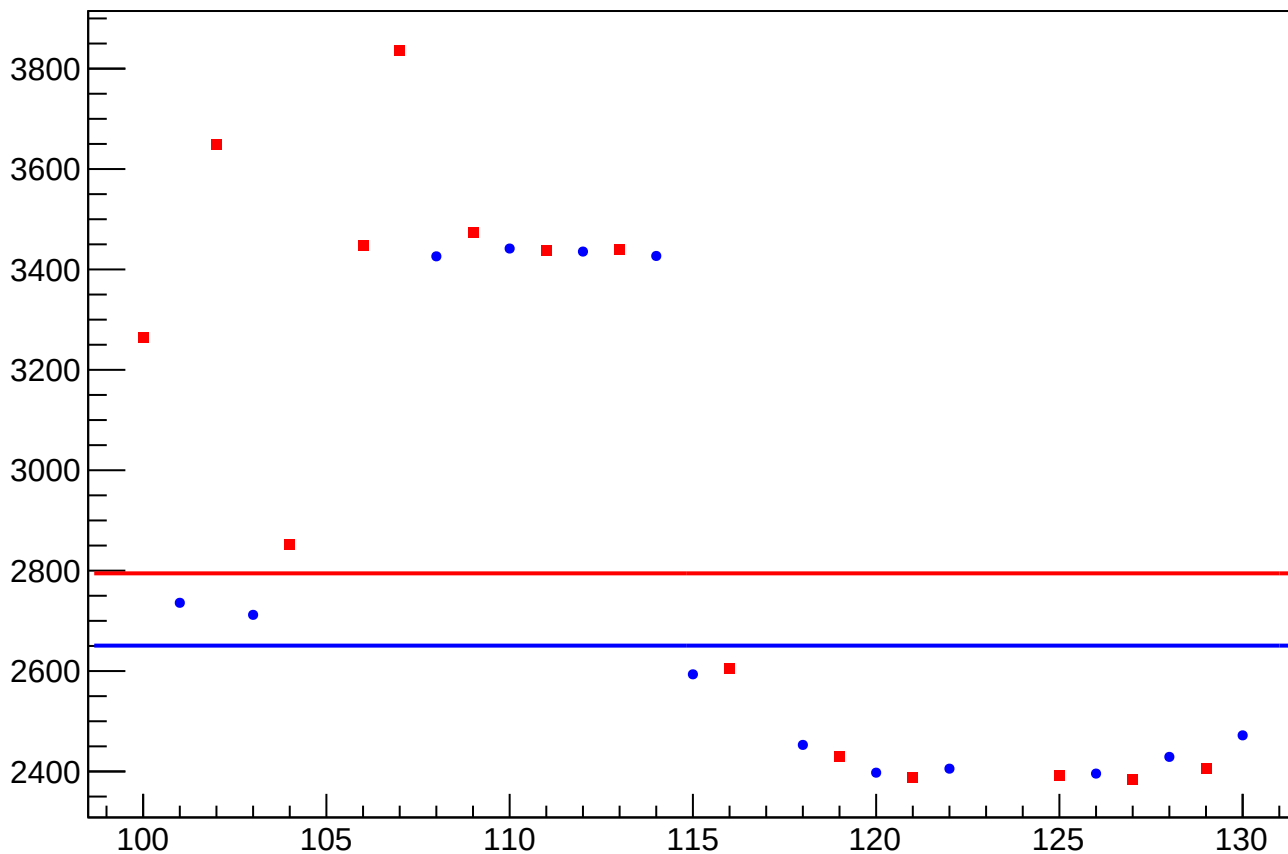
Right: 2219.526+/-820.858 χ^2/NDF : 25.2/26

In: 2635.506+/-1136.368 χ^2/NDF : 10.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2219.526+/-820.858 χ^2/NDF : 25.2/26

eigen_dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2650.676+/-0.804 χ^2/NDF : 193034.9/12

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

Right Out: 2794.626+/-0.839 χ^2/NDF : 358003.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

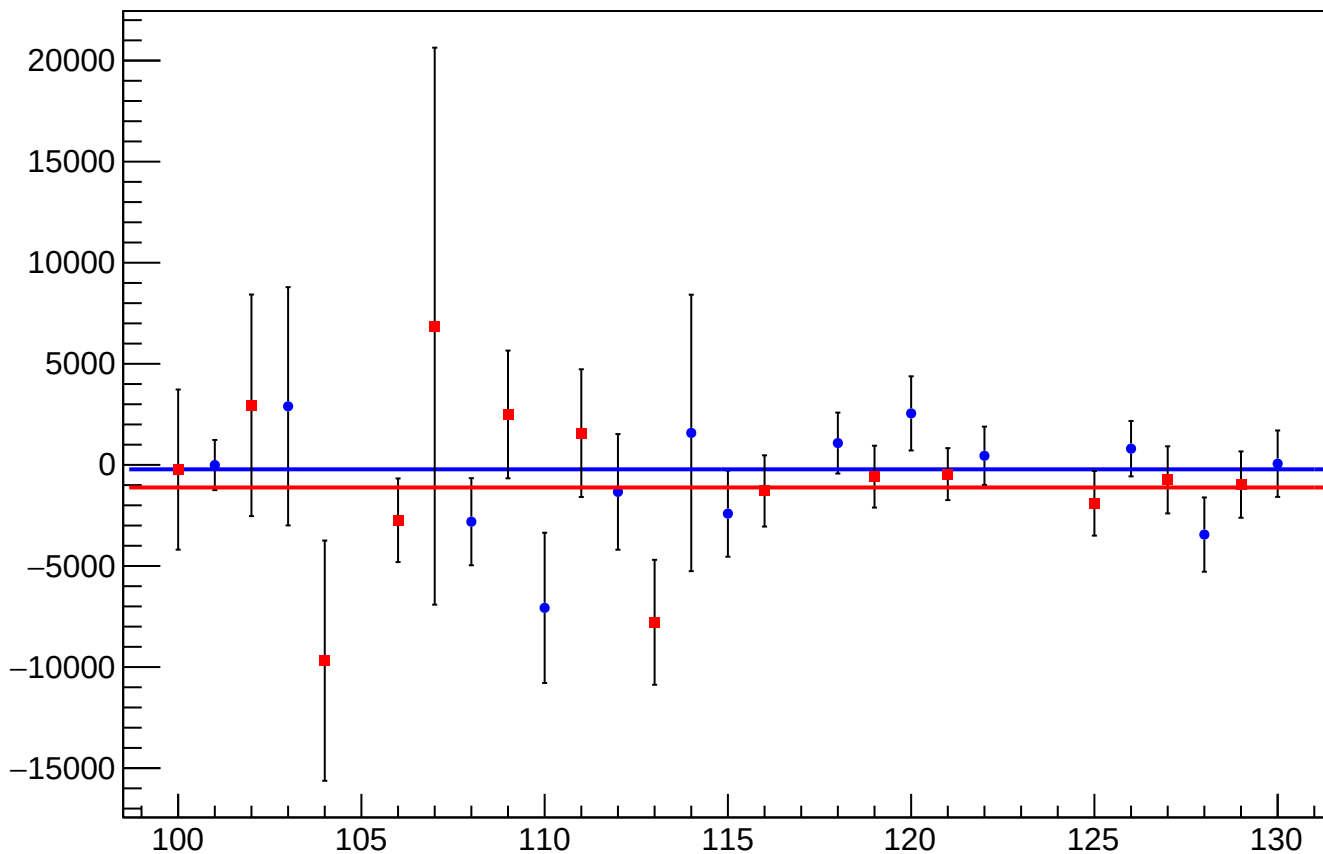
Right: 2719.514+/-0.580 χ^2/NDF : 566385.8/26

In: 2650.676+/-0.804 χ^2/NDF : 193034.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2719.514+/-0.580 χ^2/NDF : 566385.8/26

asym_atl1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -218.949+/-516.540 χ^2/NDF : 13.3/12

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

Right Out: -1116.056+/-563.461 χ^2/NDF : 11.0/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

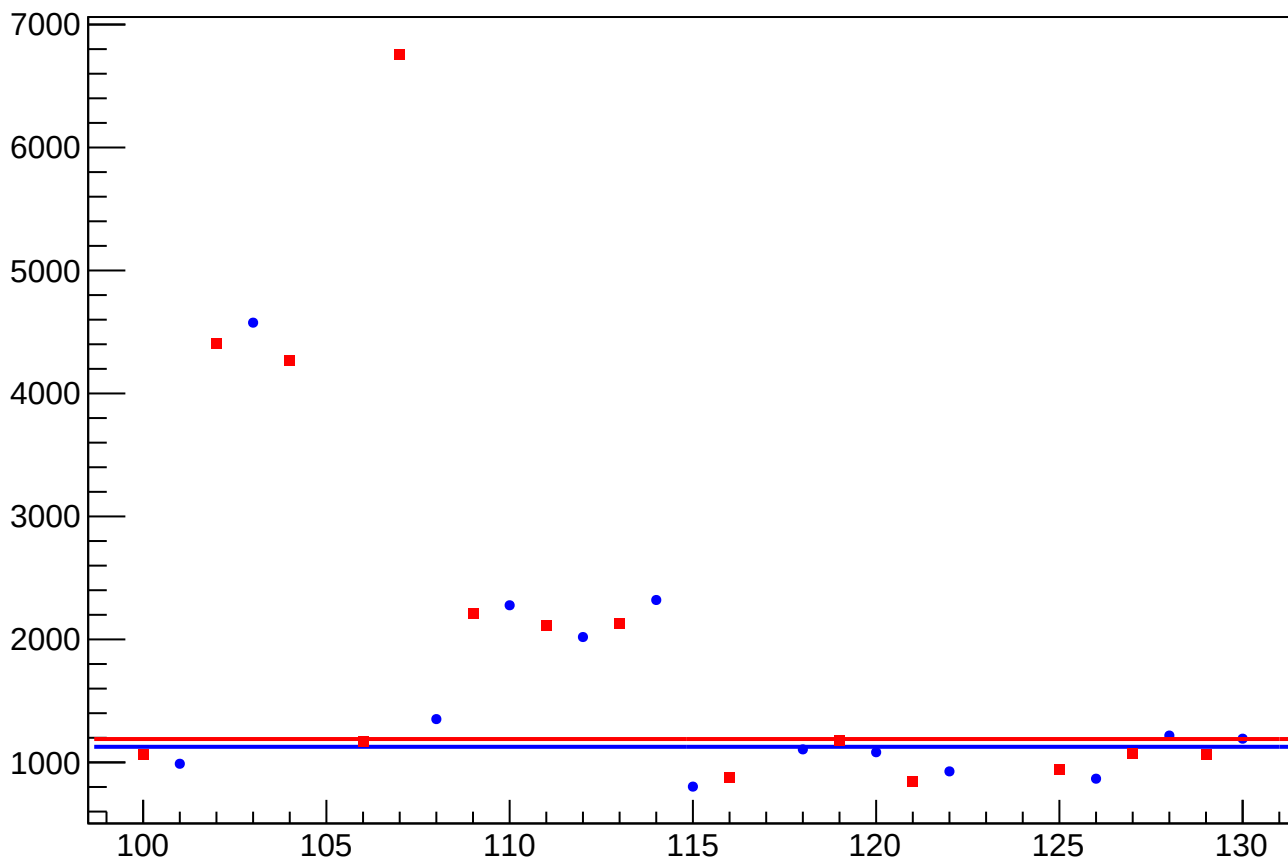
Right: -628.601+/-380.758 χ^2/NDF : 25.7/26

In: -218.949+/-516.540 χ^2/NDF : 13.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -628.601+/-380.758 χ^2/NDF : 25.7/26

asym_atl1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1126.738+/-0.365 χ^2/NDF : 1344870.9/12

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

Right Out: 1189.983+/-0.398 χ^2/NDF : 2389166.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

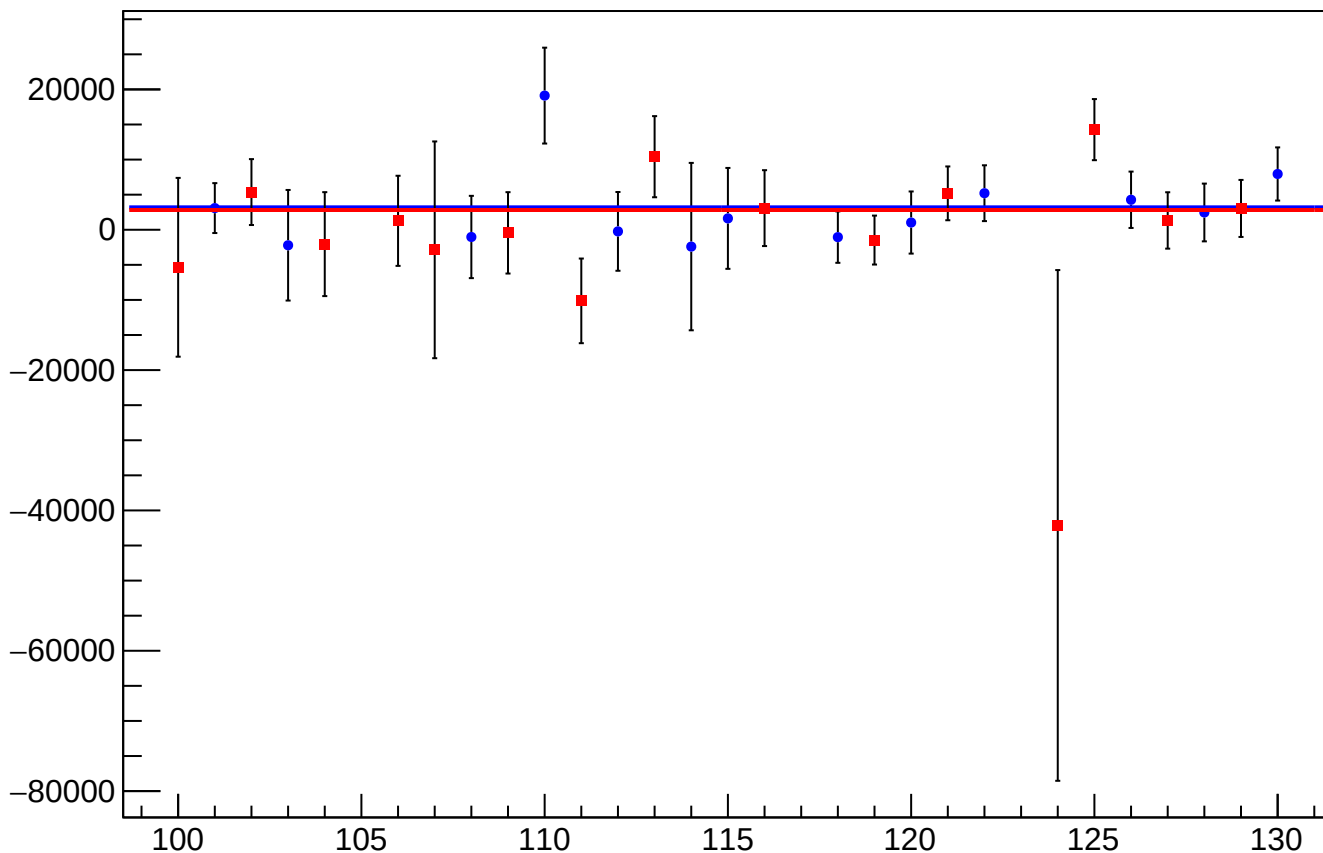
Right: 1155.618+/-0.269 χ^2/NDF : 3747729.3/26

In: 1126.738+/-0.365 χ^2/NDF : 1344870.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1155.618+/-0.269 χ^2/NDF : 3747729.3/26

asym_atl1_mean vs Slug, Sign Corrected



Right In: 3193.785+/-1309.286 χ^2/NDF : 10.6/12

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

Right Out: 2815.516+/-1353.582 χ^2/NDF : 18.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

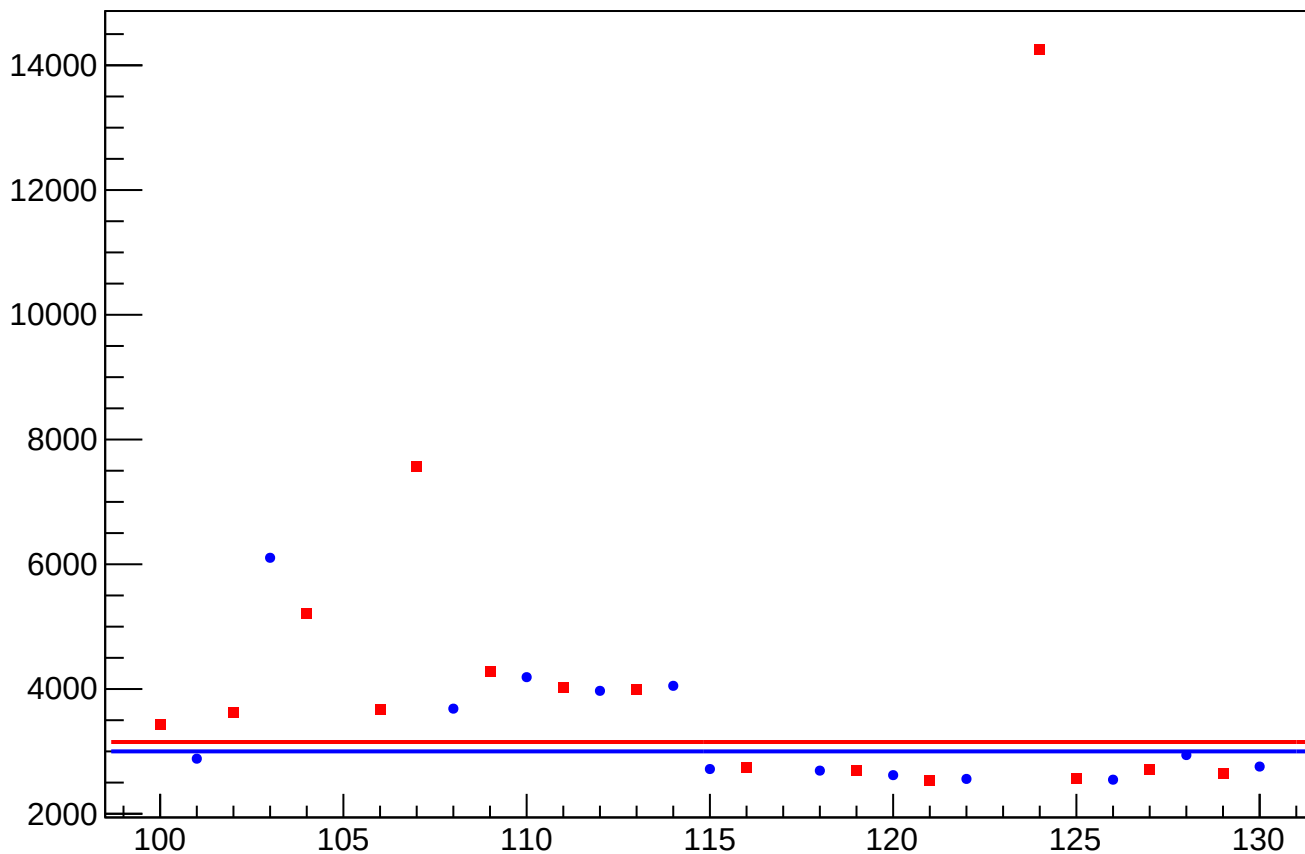
Right: 3010.941+/-941.075 χ^2/NDF : 29.1/27

In: 3193.785+/-1309.286 χ^2/NDF : 10.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3010.941+/-941.075 χ^2/NDF : 29.1/27

asym_atl1_rms vs Slug, Sign Corrected



Right In: 3000.225+/-0.926 χ^2/NDF : 566697.0/12

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

Right Out: 3150.707+/-0.957 χ^2/NDF : 888998.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

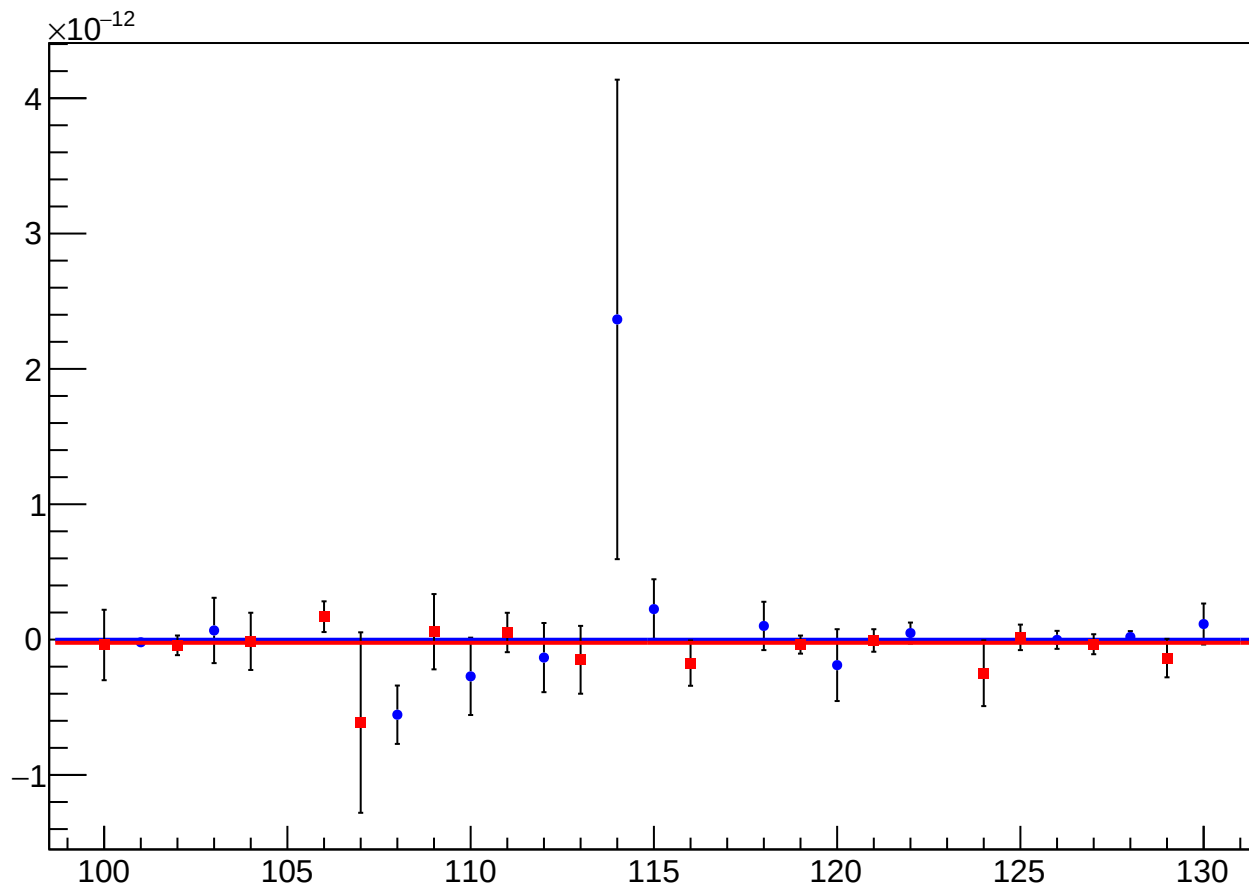
Right: 3072.963+/-0.665 χ^2/NDF : 1468466.0/27

In: 3000.225+/-0.926 χ^2/NDF : 566697.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3072.963+/-0.665 χ^2/NDF : 1468466.0/27

asym_atl1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 13.0/12

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

Right Out: -0.000+/-0.000 χ^2 /NDF: 6.9/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

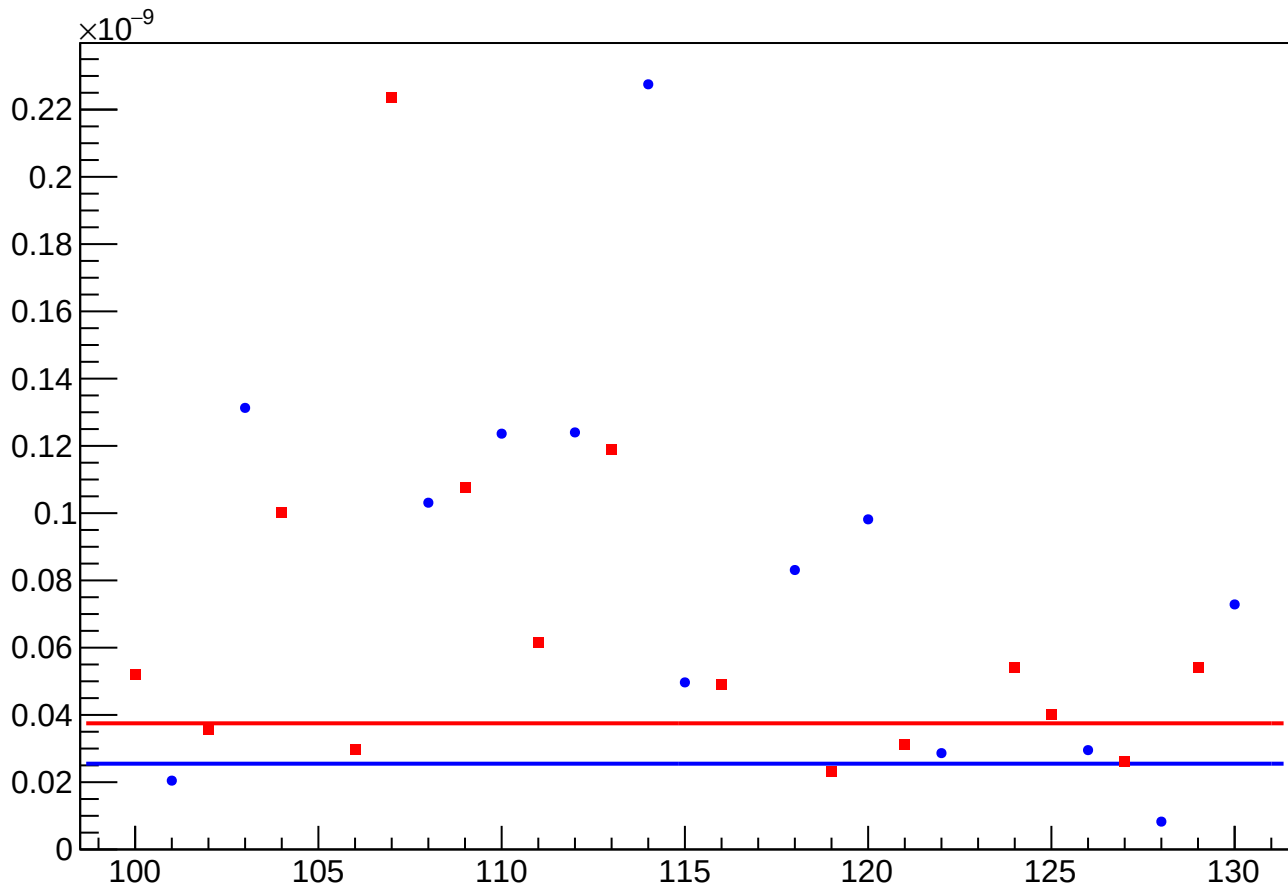
Right: -0.000+/-0.000 χ^2 /NDF: 20.3/27

In: -0.000+/-0.000 χ^2 /NDF:13.0/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 20.3/27

asym_atl1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2149475.2/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 940890.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

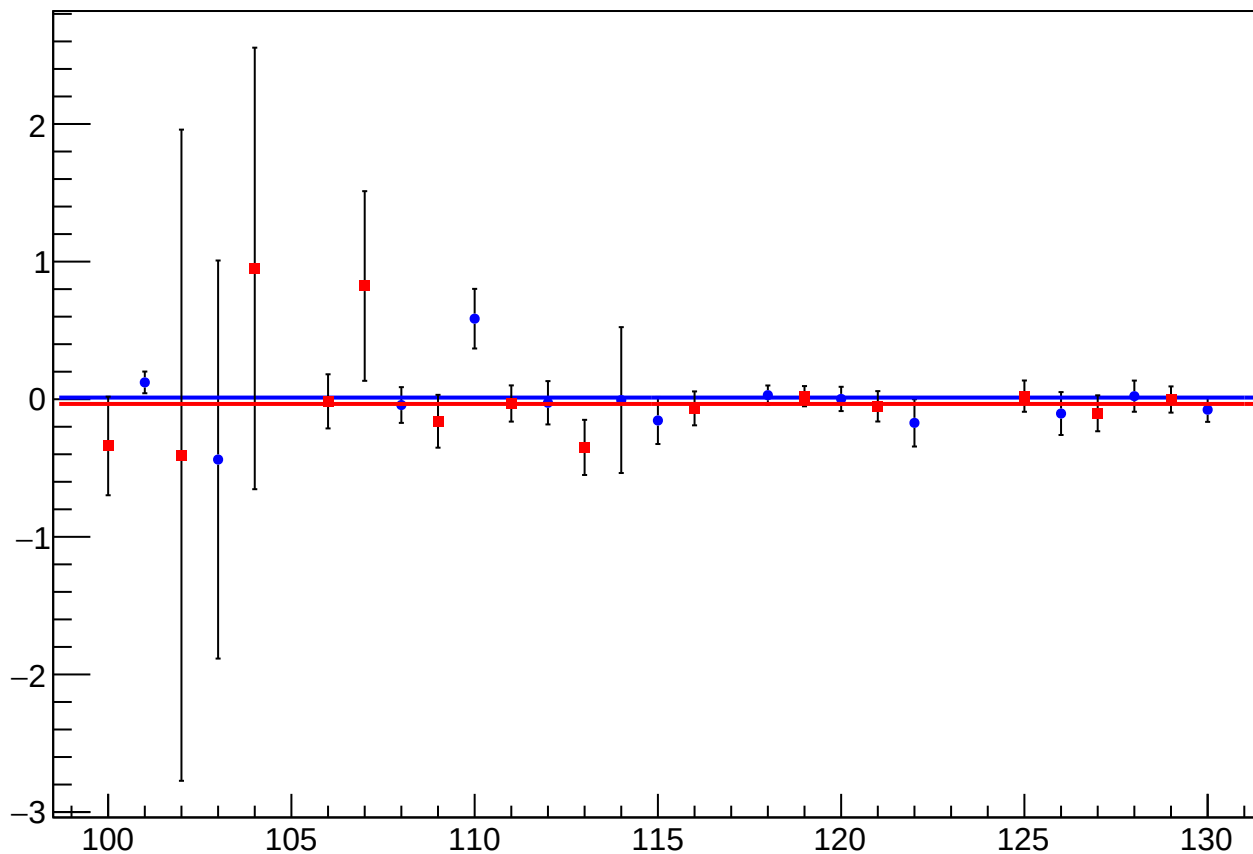
Right: 0.000+/-0.000 χ^2/NDF : 3295433.8/27

In: 0.000+/-0.000 χ^2/NDF : 2149475.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3295433.8/27

asym_atl1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012+/-0.033 χ^2/NDF : 13.0/12

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

Right Out: -0.034+/-0.037 χ^2/NDF : 6.9/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

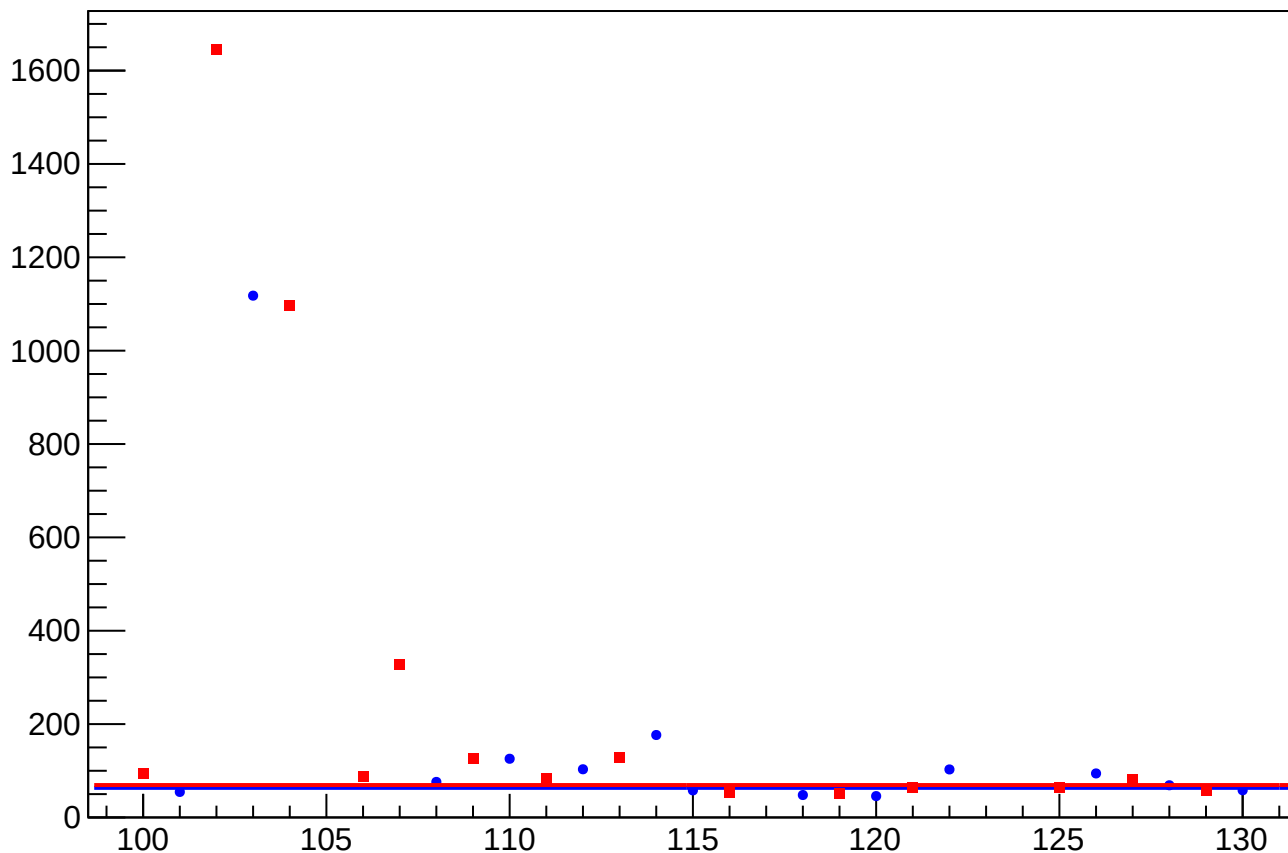
Right: -0.008+/-0.025 χ^2/NDF : 20.8/26

In: 0.012+/-0.033 χ^2/NDF :13.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.008+/-0.025 χ^2/NDF : 20.8/26

asym_atl1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.431+/-0.023 χ^2/NDF : 1864599.7/12

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

Right Out: 69.414+/-0.026 χ^2/NDF : 2587489.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

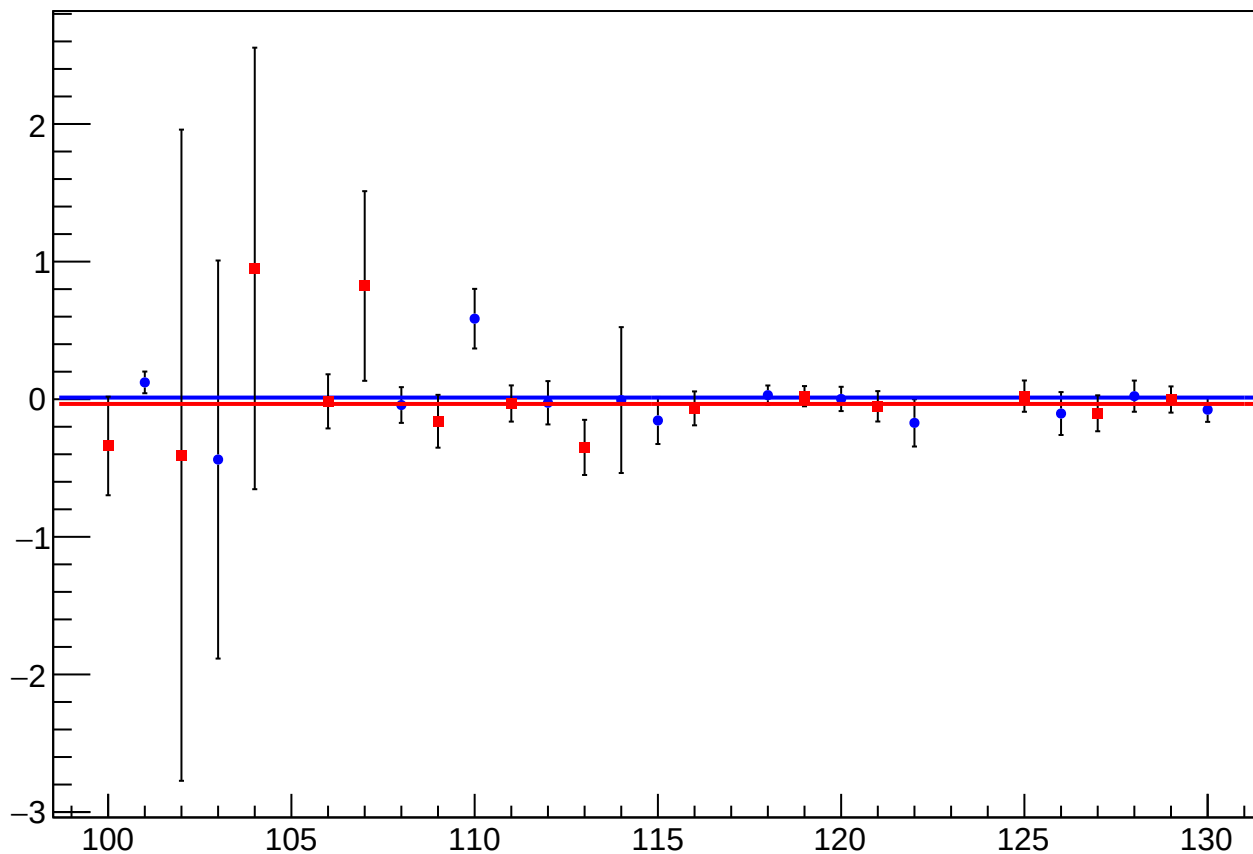
Right: 66.049+/-0.017 χ^2/NDF : 4481306.5/26

In: 63.431+/-0.023 χ^2/NDF : 1864599.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.049+/-0.017 χ^2/NDF : 4481306.5/26

asym_atl1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.033 χ^2 /NDF: 13.0/12

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

Right Out: -0.034 $\pm$ 0.037 χ^2 /NDF: 6.9/13

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

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

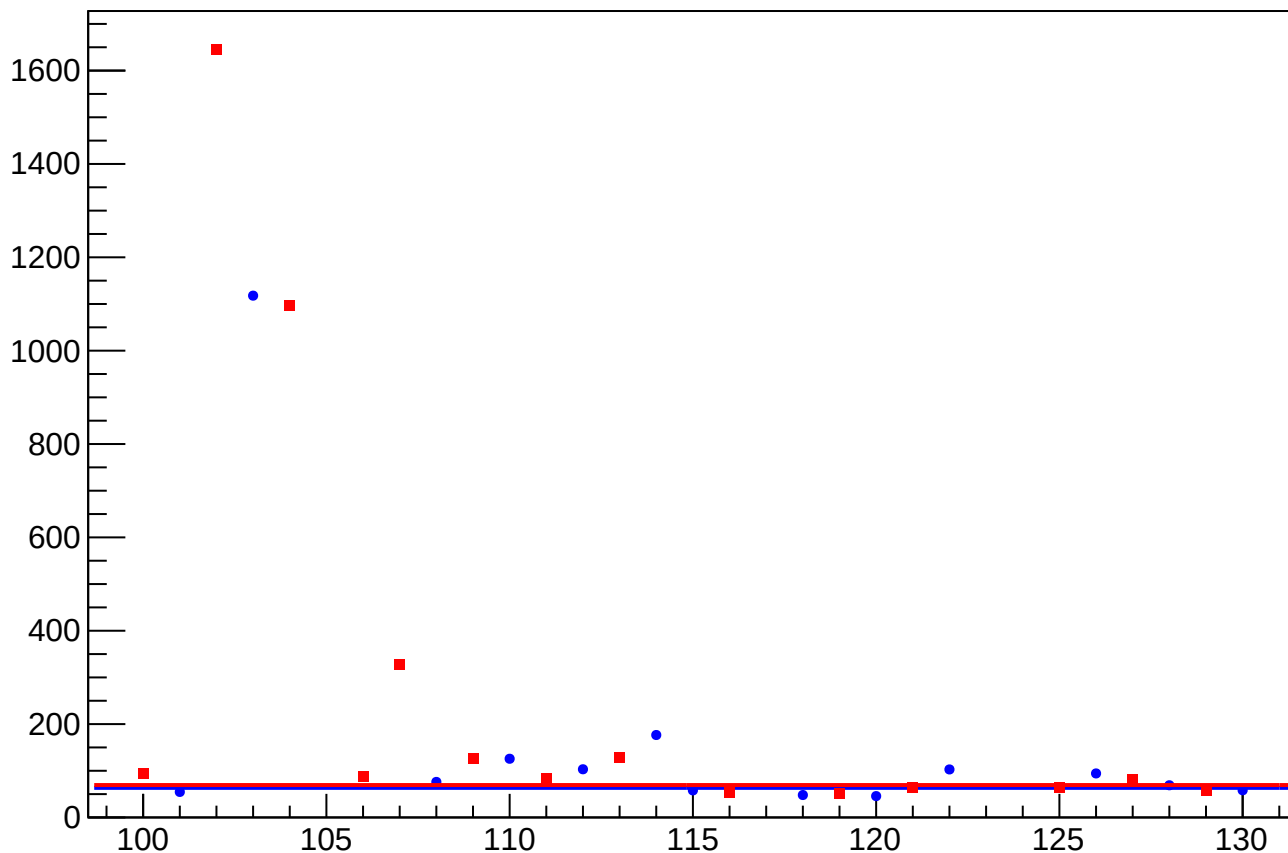
Right: -0.008 $\pm$ 0.025 χ^2 /NDF: 20.8/26

In: 0.012 $\pm$ 0.033 χ^2 /NDF:13.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.025 χ^2 /NDF: 20.8/26

asym_atl1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.431+/-0.023 χ^2/NDF : 1864599.7/12

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

Right Out: 69.414+/-0.026 χ^2/NDF : 2587489.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

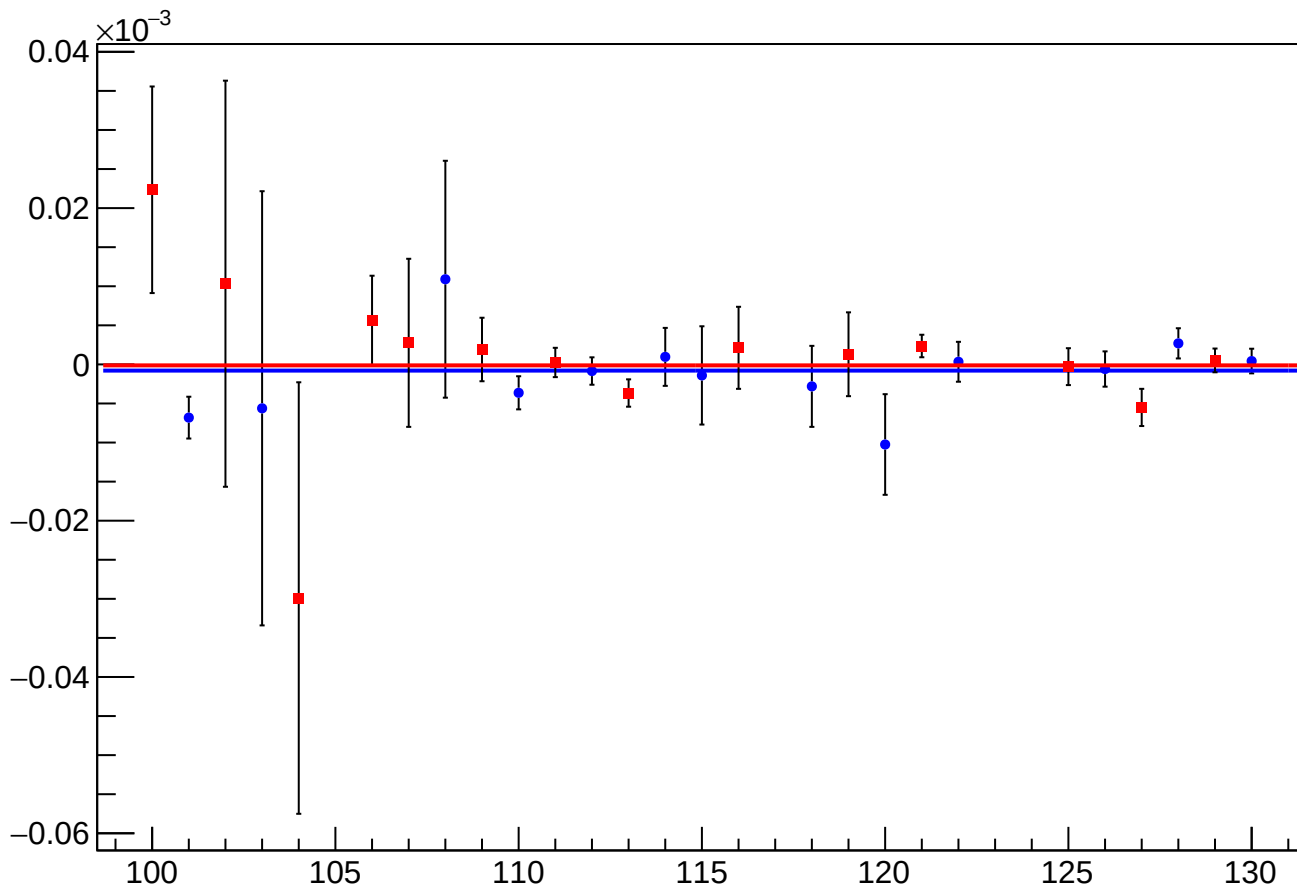
Right: 66.049+/-0.017 χ^2/NDF : 4481306.5/26

In: 63.431+/-0.023 χ^2/NDF : 1864599.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.049+/-0.017 χ^2/NDF : 4481306.5/26

asym_atl1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.1/12

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

Right Out: -0.000+/-0.000 χ^2/NDF : 18.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

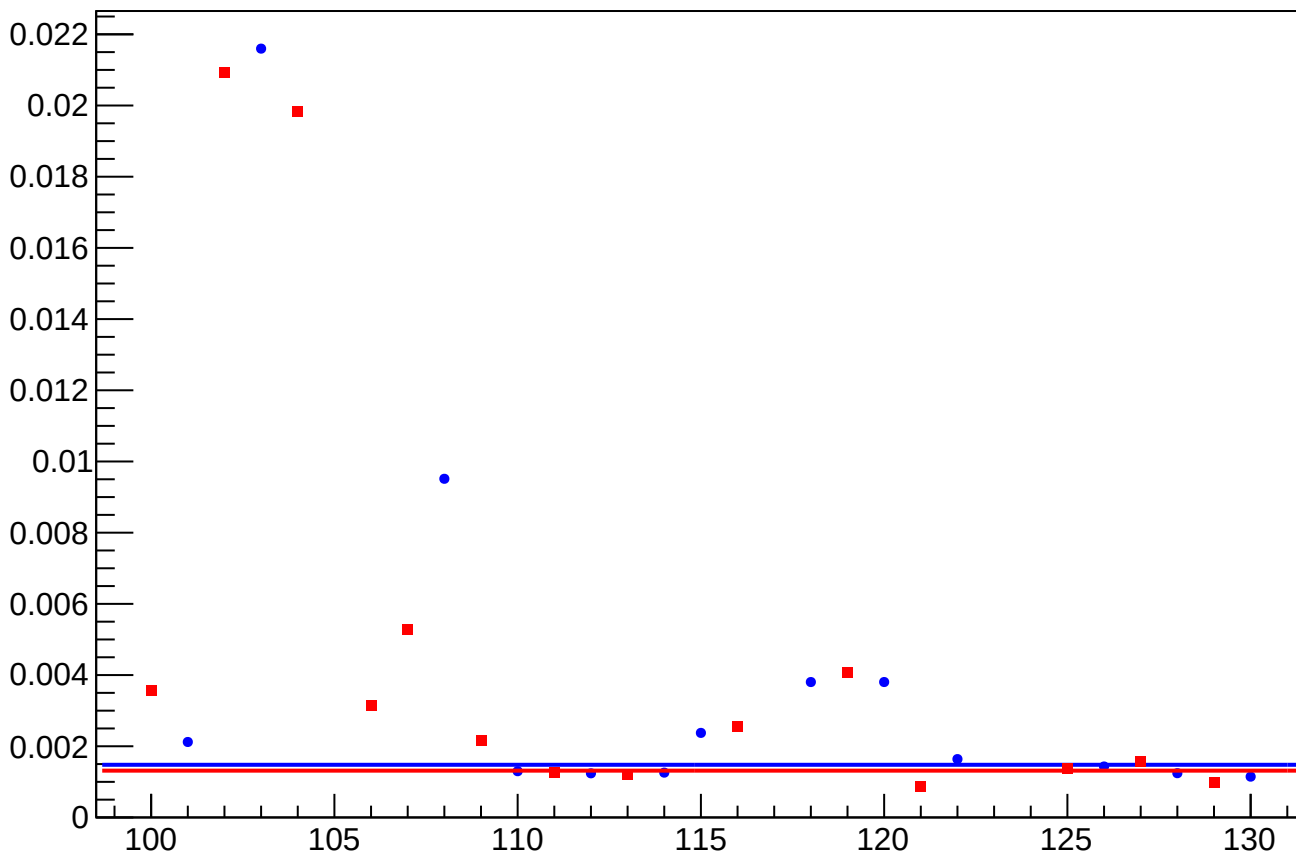
Right: -0.000+/-0.000 χ^2/NDF : 32.7/26

In: -0.000+/-0.000 χ^2/NDF : 14.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.7/26

asym_atl1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2615459.7/12

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

Right Out: 0.001+/-0.000 χ^2/NDF : 3604656.8/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

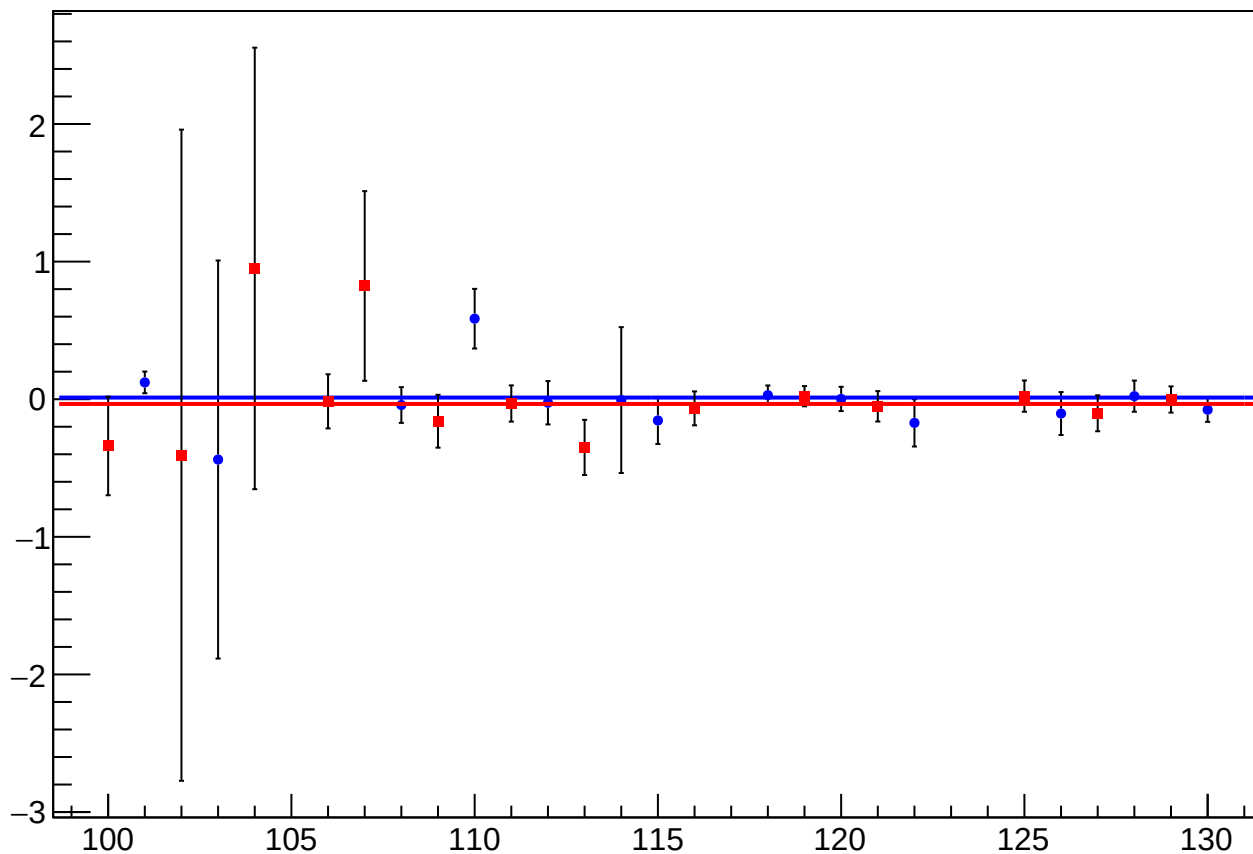
Right: 0.001+/-0.000 χ^2/NDF : 6273268.7/26

In: 0.001+/-0.000 χ^2/NDF :2615459.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6273268.7/26

asym_atl1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012+/-0.033 χ^2/NDF : 13.0/12

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

Right Out: -0.034+/-0.037 χ^2/NDF : 6.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

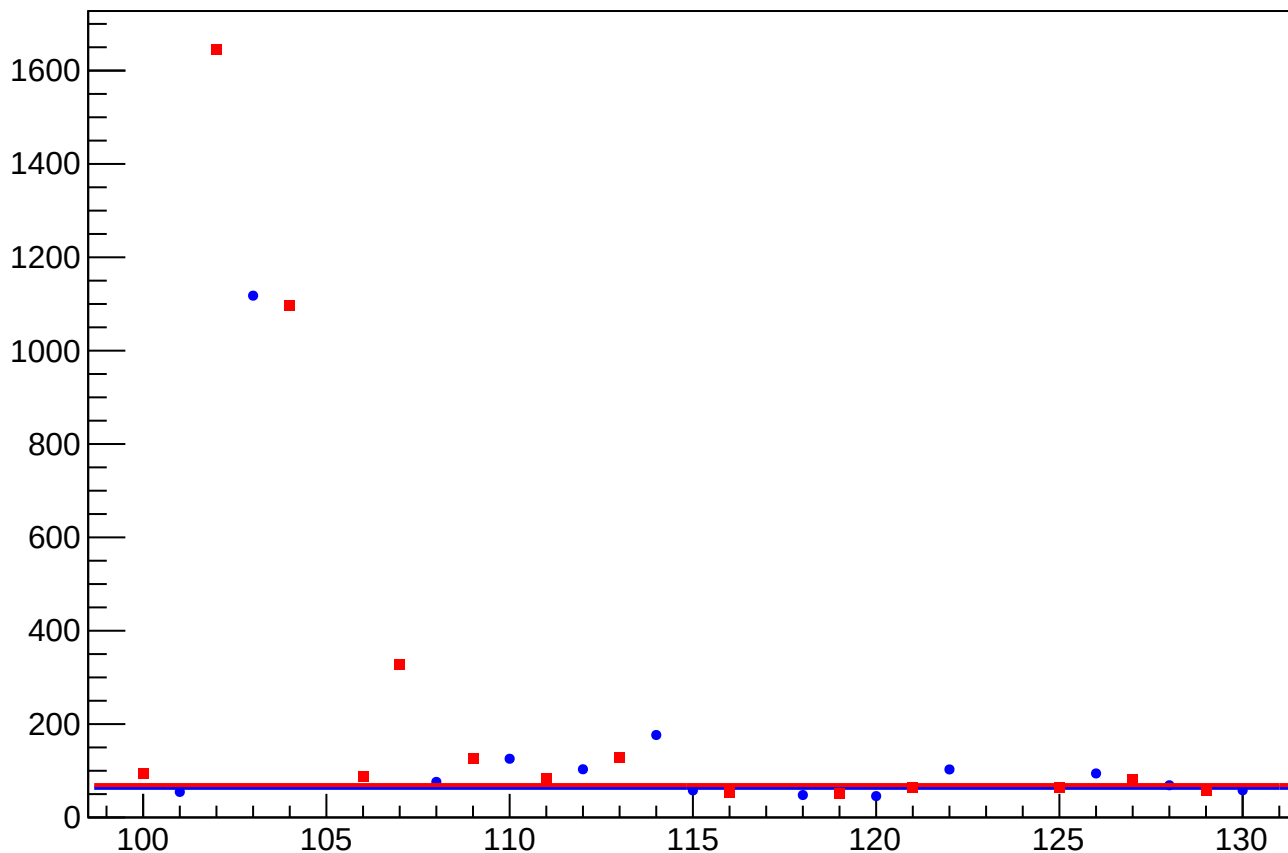
Right: -0.008+/-0.025 χ^2/NDF : 20.8/26

In: 0.012+/-0.033 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.025 χ^2/NDF : 20.8/26

asym_atl1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.430+/-0.023 χ^2/NDF : 1864666.5/12

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

Right Out: 69.413+/-0.026 χ^2/NDF : 2587504.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

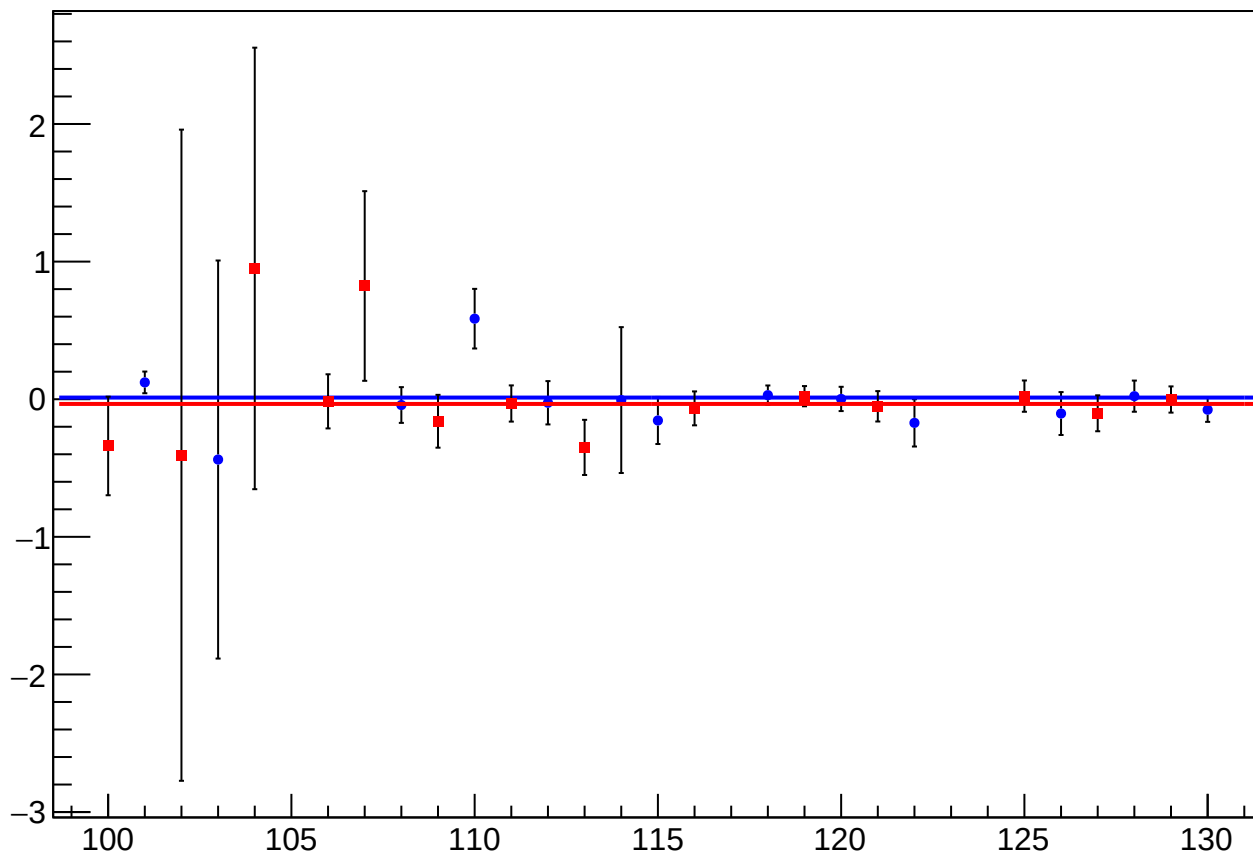
Right: 66.048+/-0.017 χ^2/NDF : 4481393.0/26

In: 63.430+/-0.023 χ^2/NDF : 1864666.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.048+/-0.017 χ^2/NDF : 4481393.0/26

asym_atl1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.033 χ^2 /NDF: 13.0/12

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

Right Out: -0.034 $\pm$ 0.037 χ^2 /NDF: 6.9/13

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

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

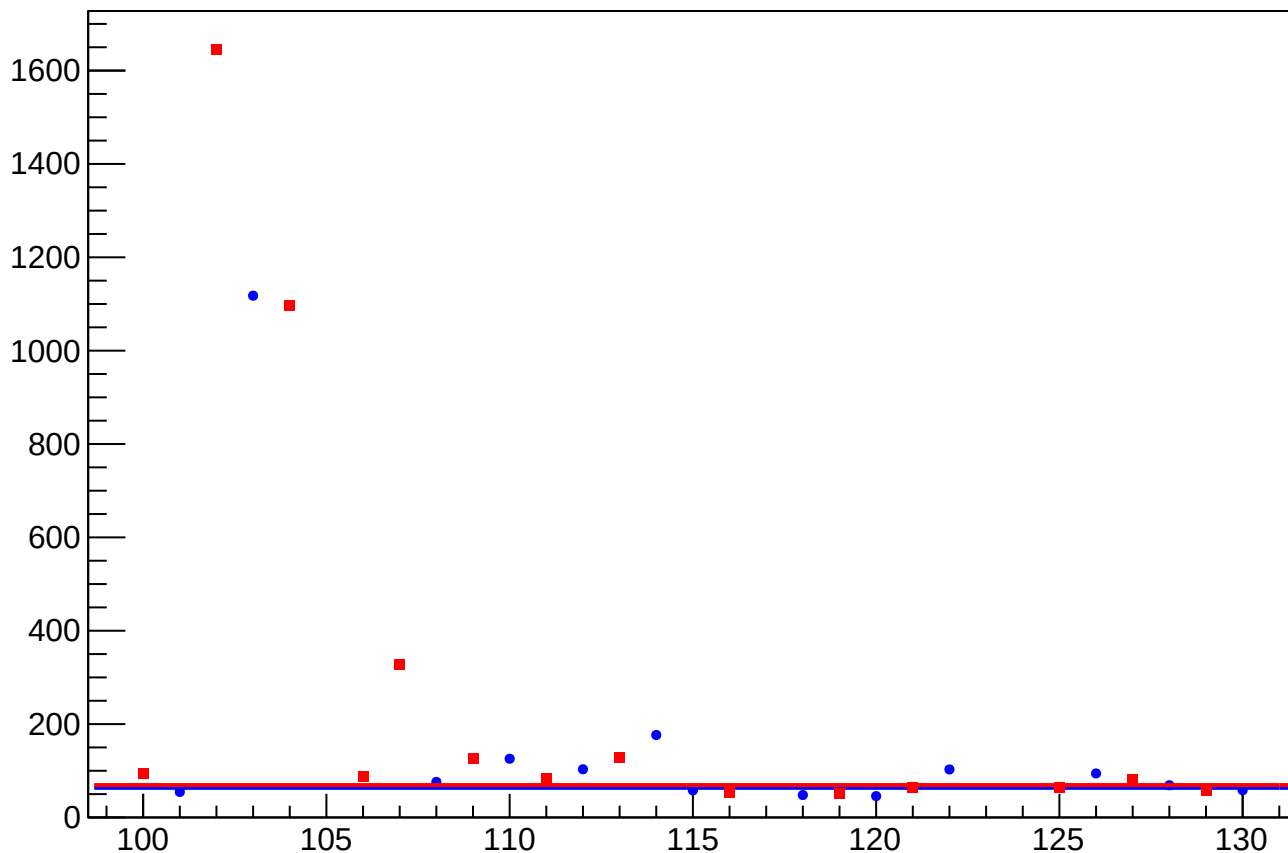
Right: -0.008 $\pm$ 0.025 χ^2 /NDF: 20.8/26

In: 0.012 $\pm$ 0.033 χ^2 /NDF:13.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.025 χ^2 /NDF: 20.8/26

asym_atl1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.430+/-0.023 χ^2/NDF : 1864666.5/12

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

Right Out: 69.413+/-0.026 χ^2/NDF : 2587504.7/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

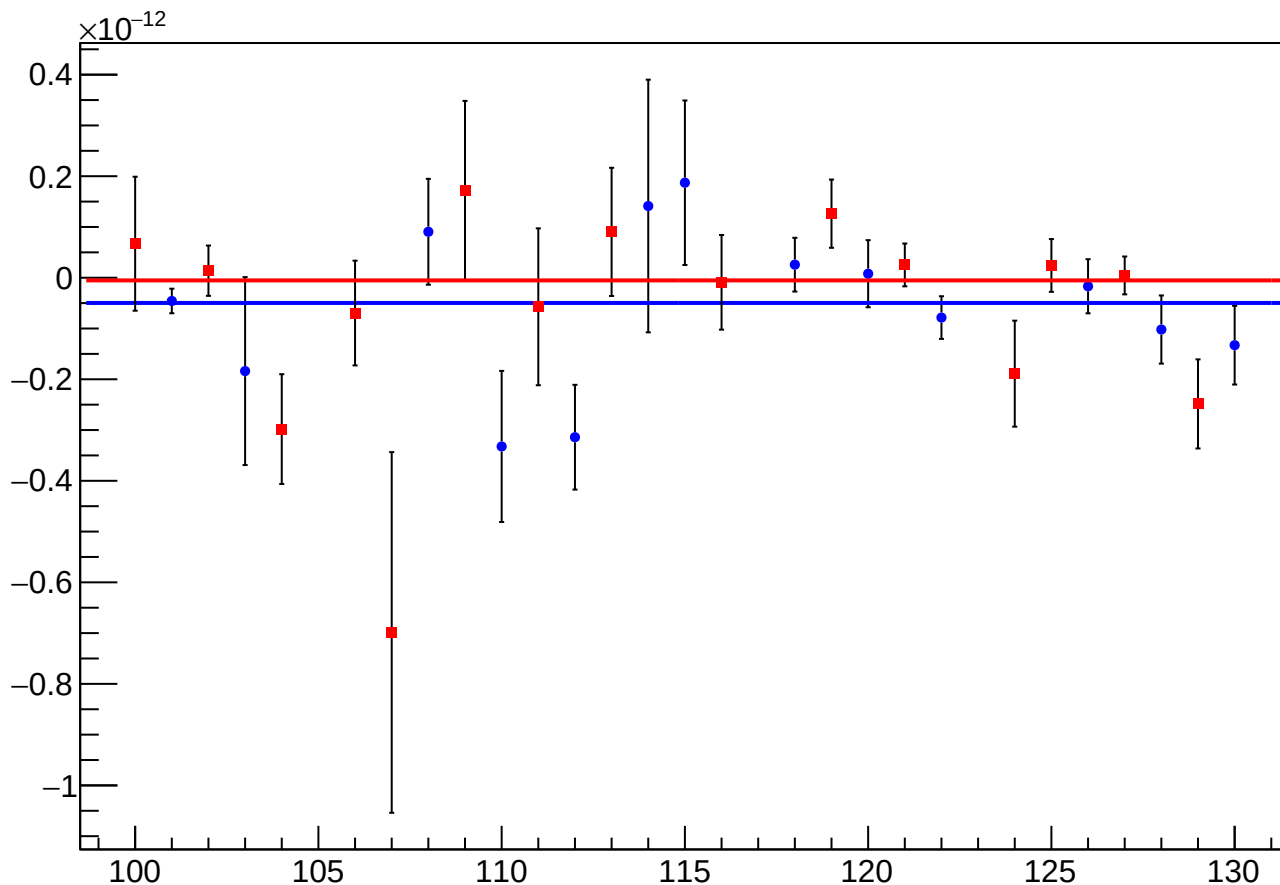
Right: 66.048+/-0.017 χ^2/NDF : 4481393.0/26

In: 63.430+/-0.023 χ^2/NDF : 1864666.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.048+/-0.017 χ^2/NDF : 4481393.0/26

asym_atl1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 20.7/12

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

Right Out: -0.000+/-0.000 χ^2/NDF : 29.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

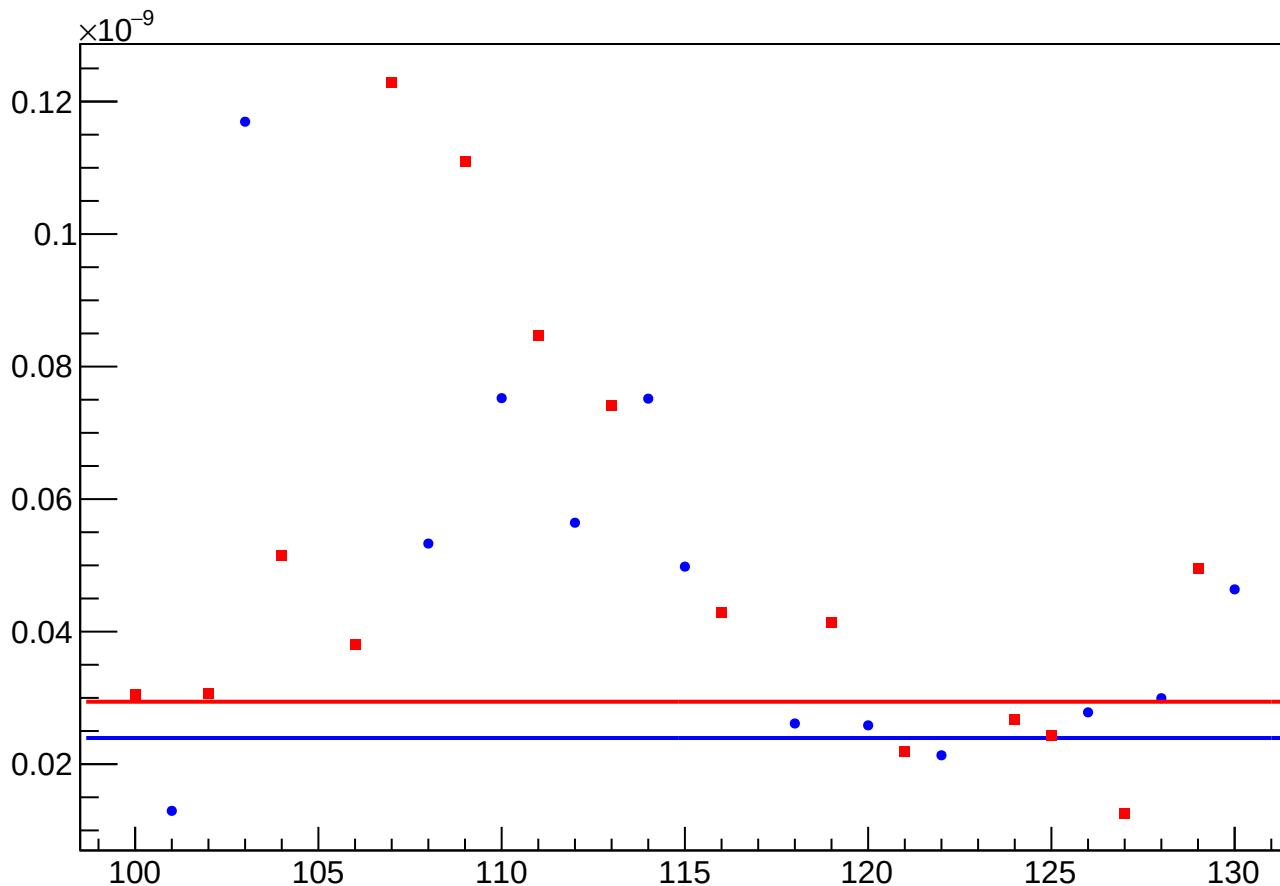
Right: -0.000+/-0.000 χ^2/NDF : 53.2/27

In: -0.000+/-0.000 χ^2/NDF :20.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 53.2/27

asym_atl1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1854492.0/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1870400.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

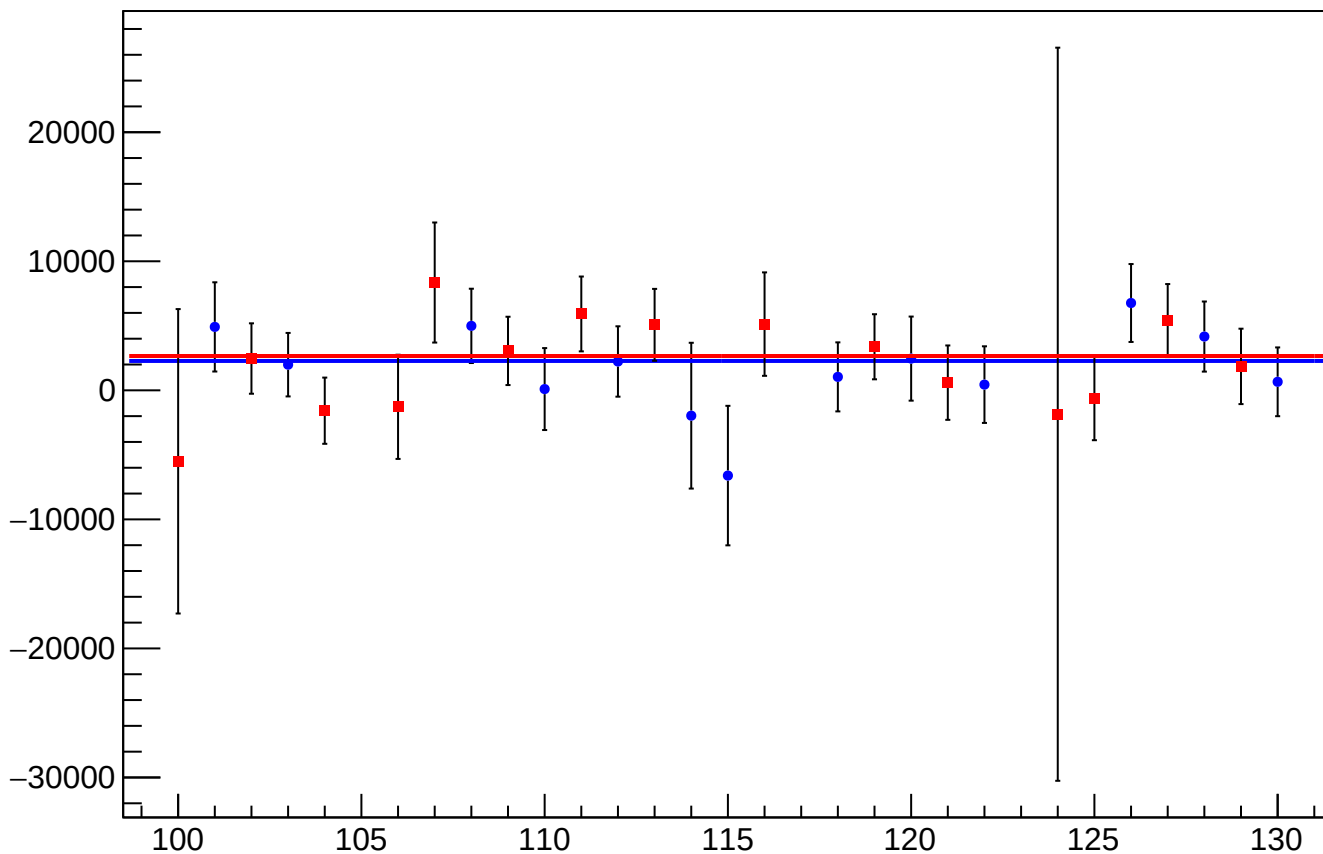
Right: 0.000+/-0.000 χ^2/NDF : 3826721.2/27

In: 0.000+/-0.000 χ^2/NDF : 1854492.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3826721.2/27

reg_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2276.443+/-844.398 χ^2/NDF : 8.9/12

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

Right Out: 2659.407+/-824.963 χ^2/NDF : 10.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

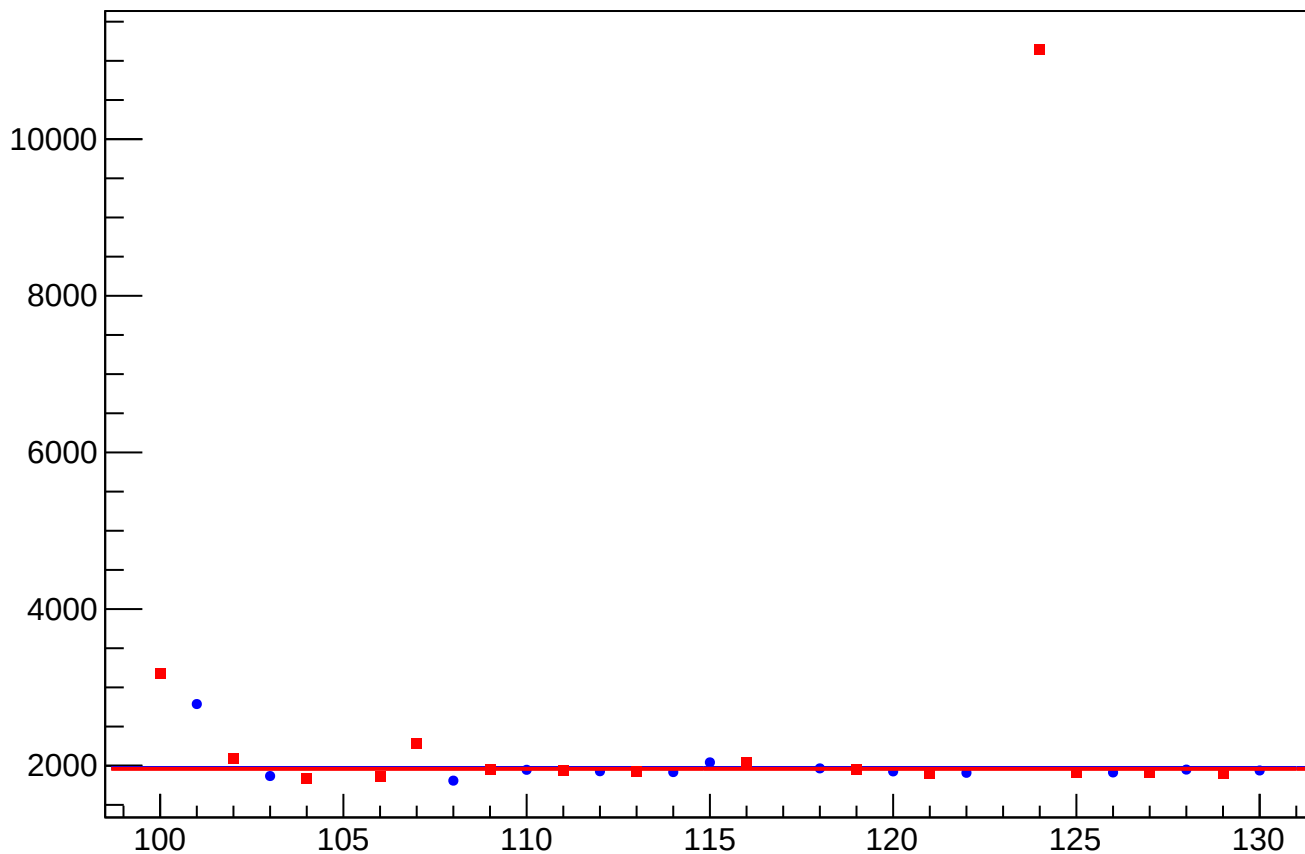
Right: 2472.383+/-590.088 χ^2/NDF : 19.7/27

In: 2276.443+/-844.398 χ^2/NDF : 8.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2472.383+/-590.088 χ^2/NDF : 19.7/27

reg_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1970.692+/-0.597 χ^2/NDF : 124755.0/12

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

Right Out: 1959.943+/-0.583 χ^2/NDF : 254640.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

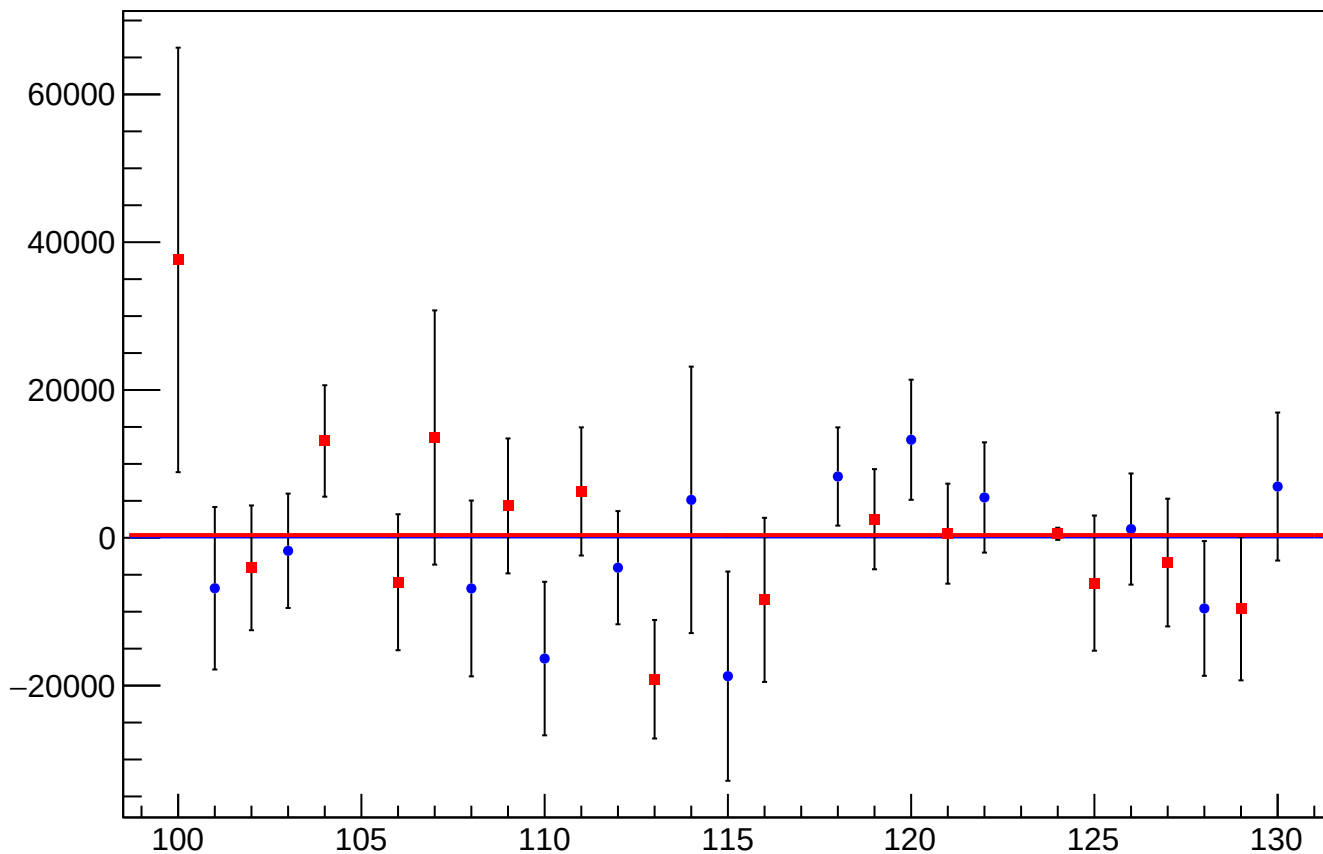
Right: 1965.192+/-0.417 χ^2/NDF : 379560.9/27

In: 1970.692+/-0.597 χ^2/NDF : 124755.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1965.192+/-0.417 χ^2/NDF : 379560.9/27

asym_atl2_reg_correction_mean vs Slug, Sign Corrected



Right In: 181.167+/-2485.824 χ^2/NDF : 11.7/12

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

Right Out: 370.813+/-775.240 χ^2/NDF : 15.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

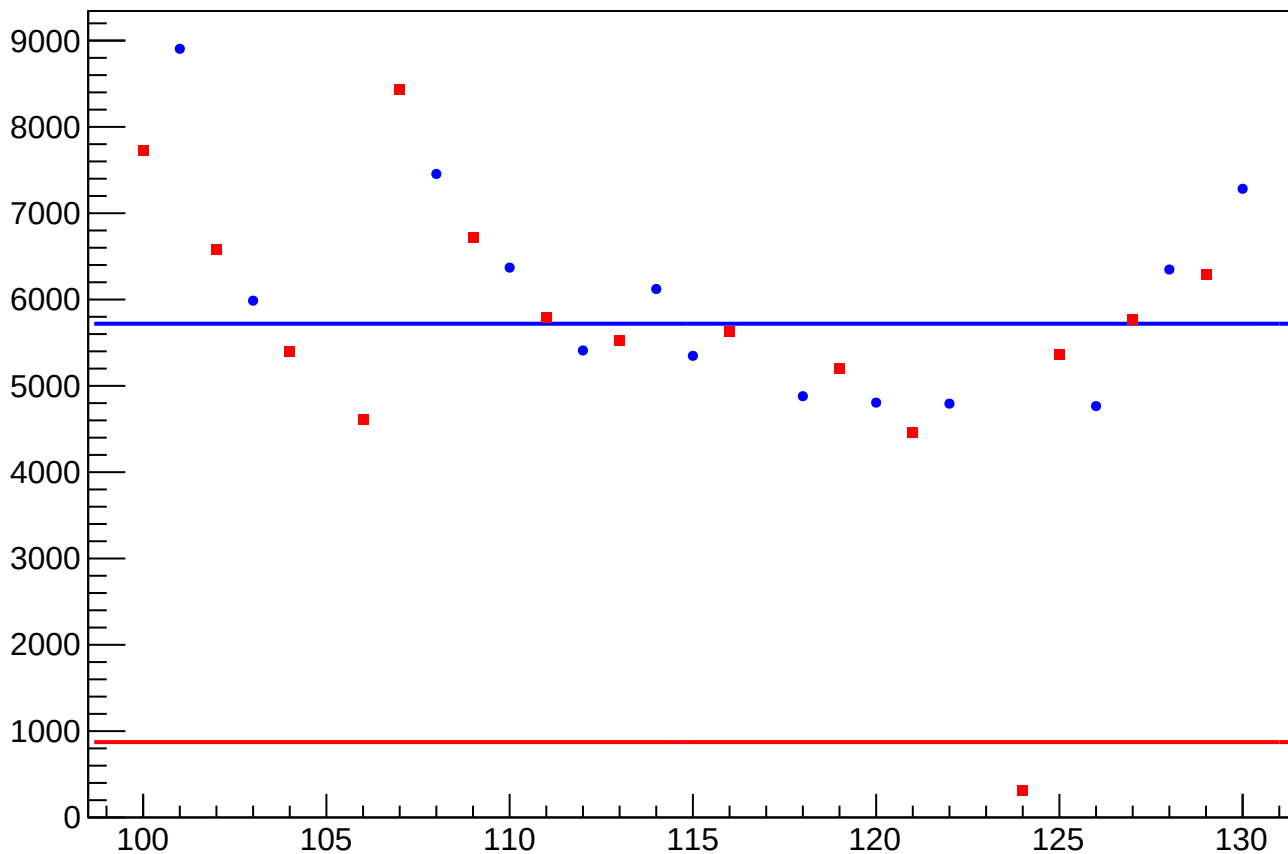
Right: 354.003+/-740.085 χ^2/NDF : 26.7/27

In: 181.167+/-2485.824 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 354.003+/-740.085 χ^2/NDF : 26.7/27

asym_atl2_reg_correction_rms vs Slug, Sign Corrected



Right In: 5719.937+/-1.758 χ^2/NDF : 404590.8/12

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

Right Out: 872.961+/-0.548 χ^2/NDF : 9030141.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

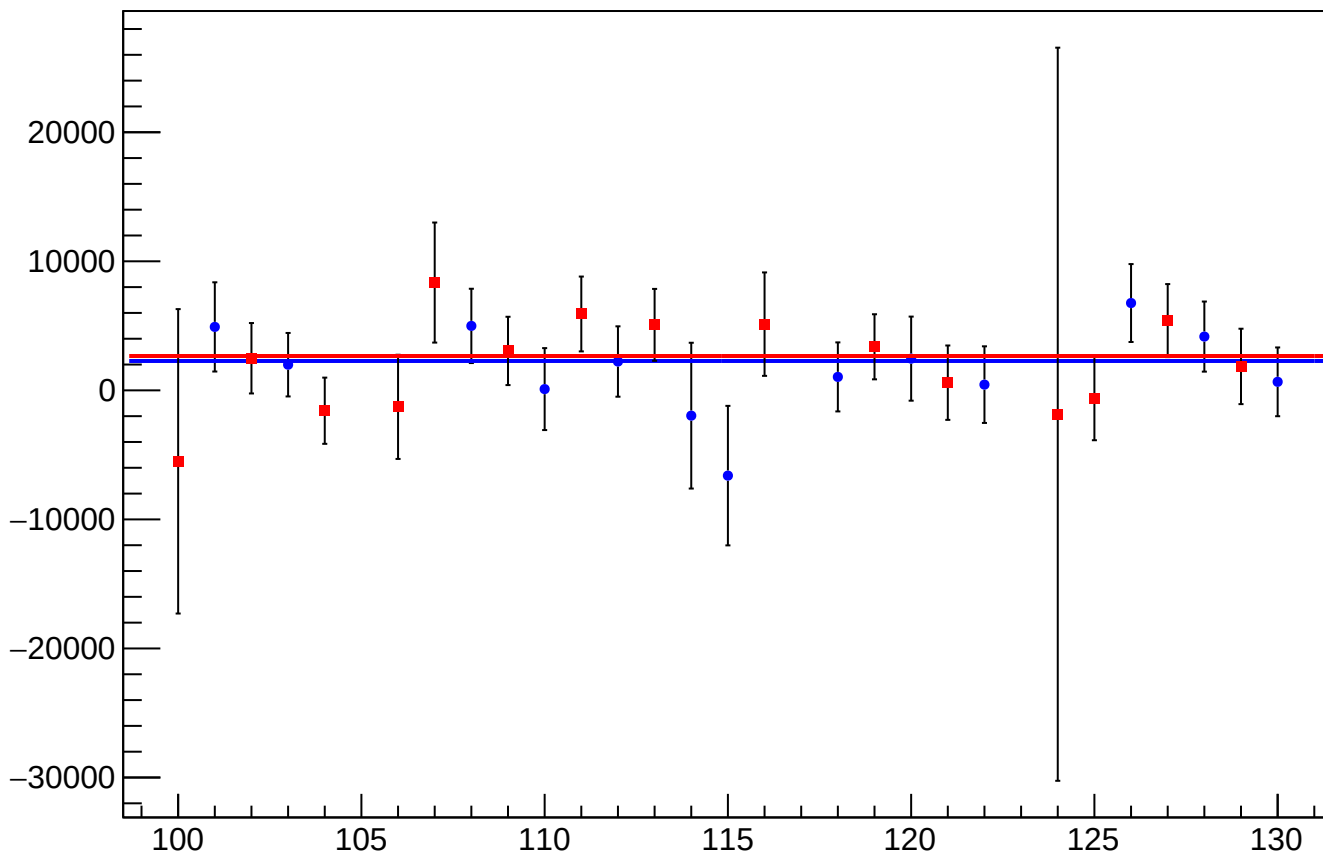
Right: 1302.590+/-0.523 χ^2/NDF : 16364547.8/27

In: 5719.937+/-1.758 χ^2/NDF :404590.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1302.590+/-0.523 χ^2/NDF : 16364547.8/27

cor_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2276.656+/-844.398 χ^2/NDF : 8.9/12

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

Right Out: 2661.558+/-824.973 χ^2/NDF : 10.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

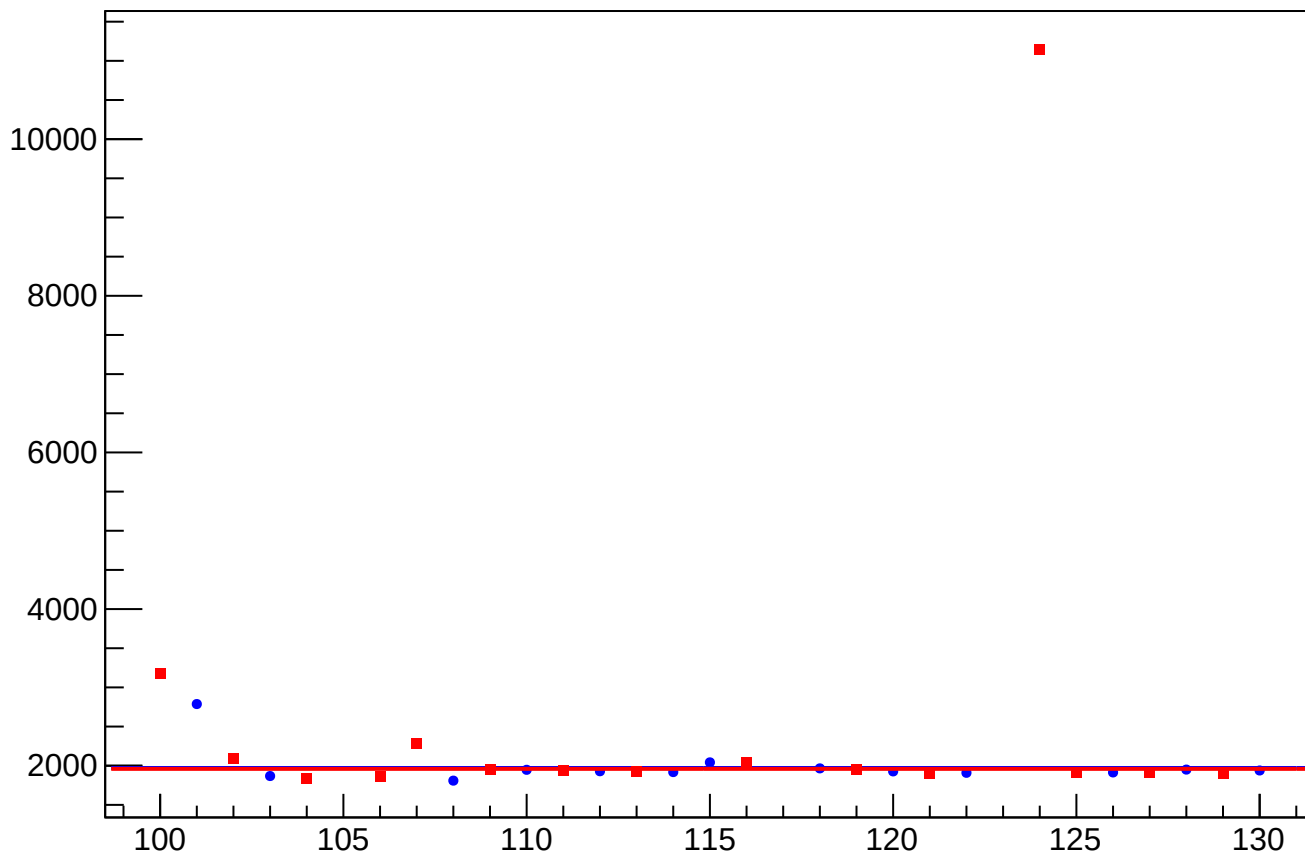
Right: 2473.585+/-590.092 χ^2/NDF : 19.7/27

In: 2276.656+/-844.398 χ^2/NDF : 8.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2473.585+/-590.092 χ^2/NDF : 19.7/27

cor_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1970.692+/-0.597 χ^2/NDF : 124754.7/12

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

Right Out: 1959.967+/-0.583 χ^2/NDF : 254660.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

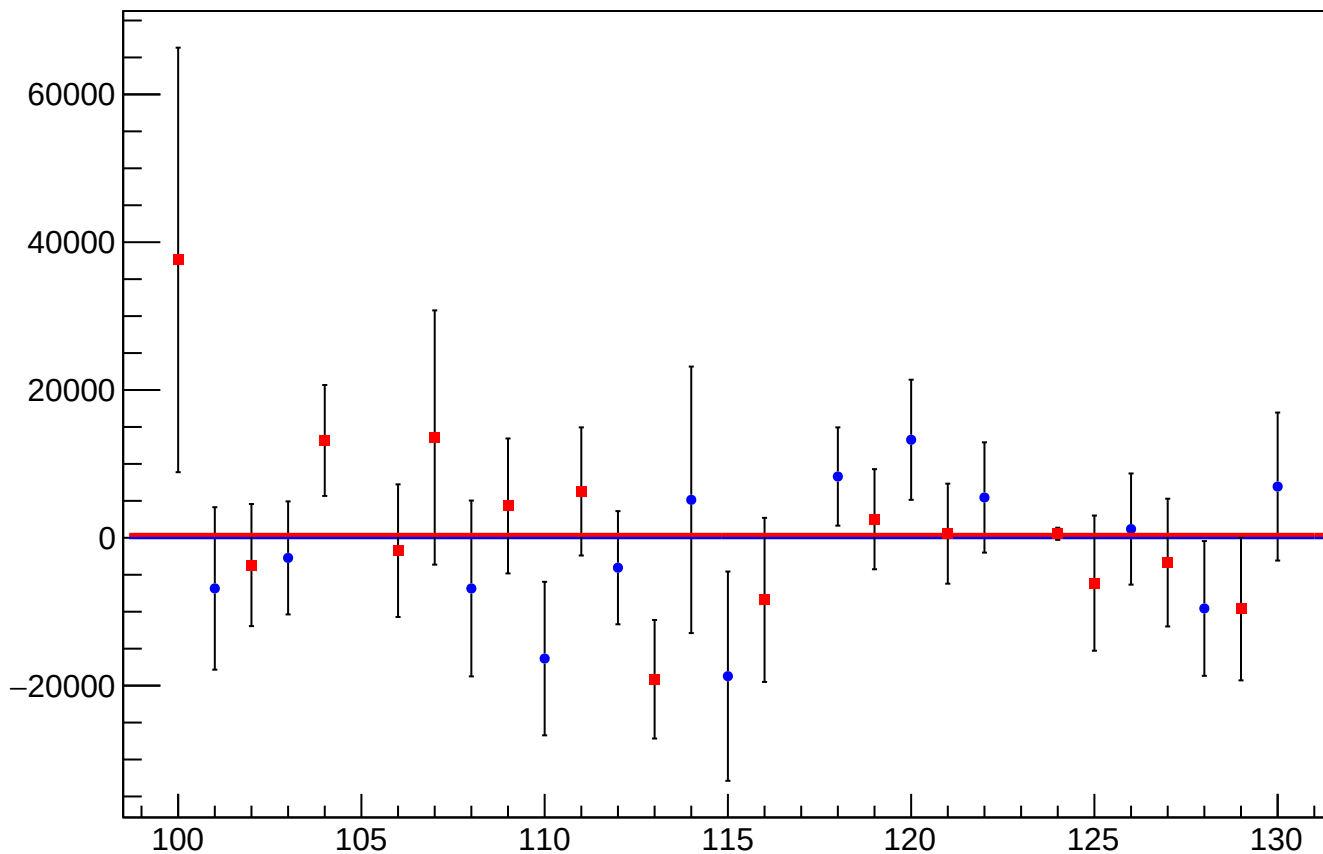
Right: 1965.204+/-0.417 χ^2/NDF : 379580.5/27

In: 1970.692+/-0.597 χ^2/NDF : 124754.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1965.204+/-0.417 χ^2/NDF : 379580.5/27

asym_atl2_cor_correction_mean vs Slug, Sign Corrected



Right In: 74.469+/-2482.769 χ^2/NDF : 11.8/12

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

Right Out: 404.842+/-774.891 χ^2/NDF : 14.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

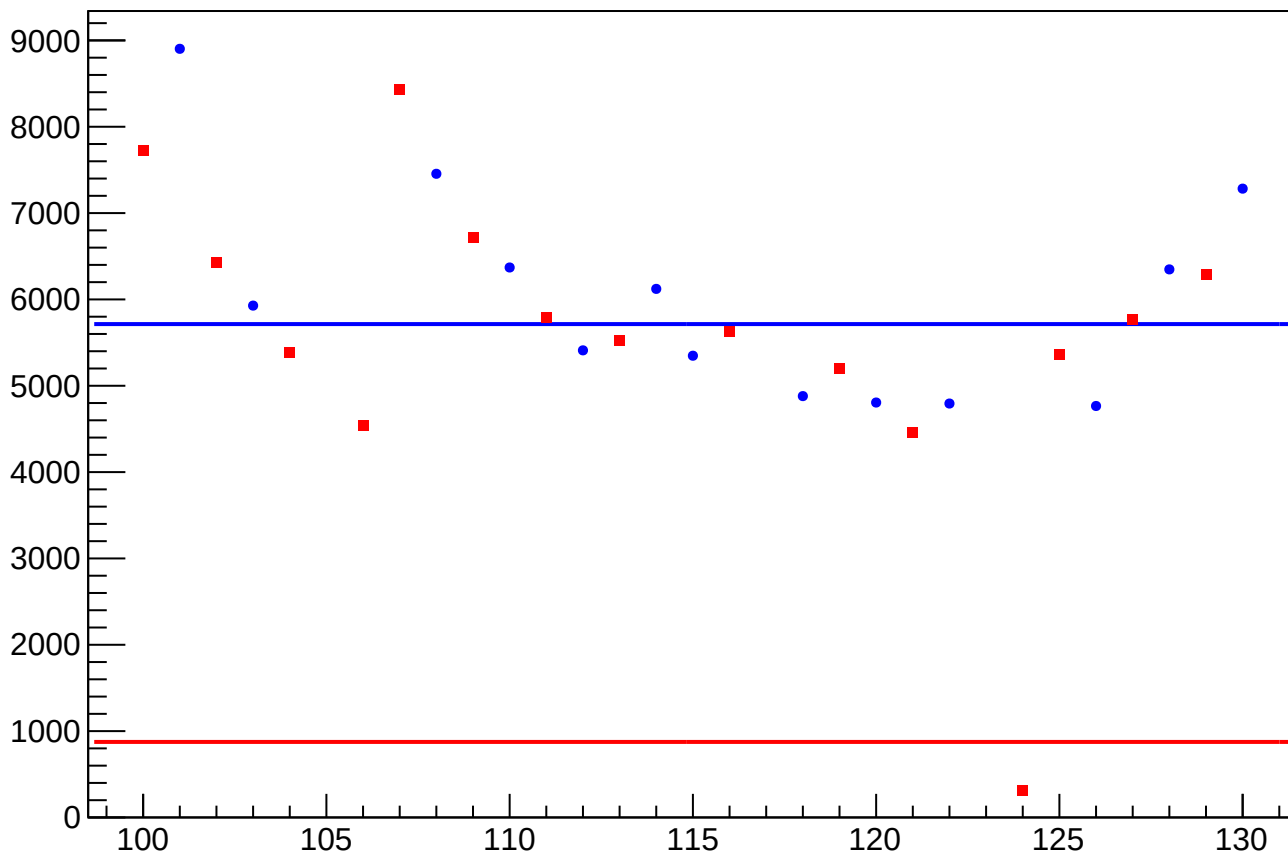
Right: 375.517+/-739.701 χ^2/NDF : 26.4/27

In: 74.469+/-2482.769 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 375.517+/-739.701 χ^2/NDF : 26.4/27

asym_atl2_cor_correction_rms vs Slug, Sign Corrected



Right In: 5714.380+/-1.756 χ^2/NDF : 403549.4/12

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

Right Out: 874.820+/-0.548 χ^2/NDF : 9027623.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

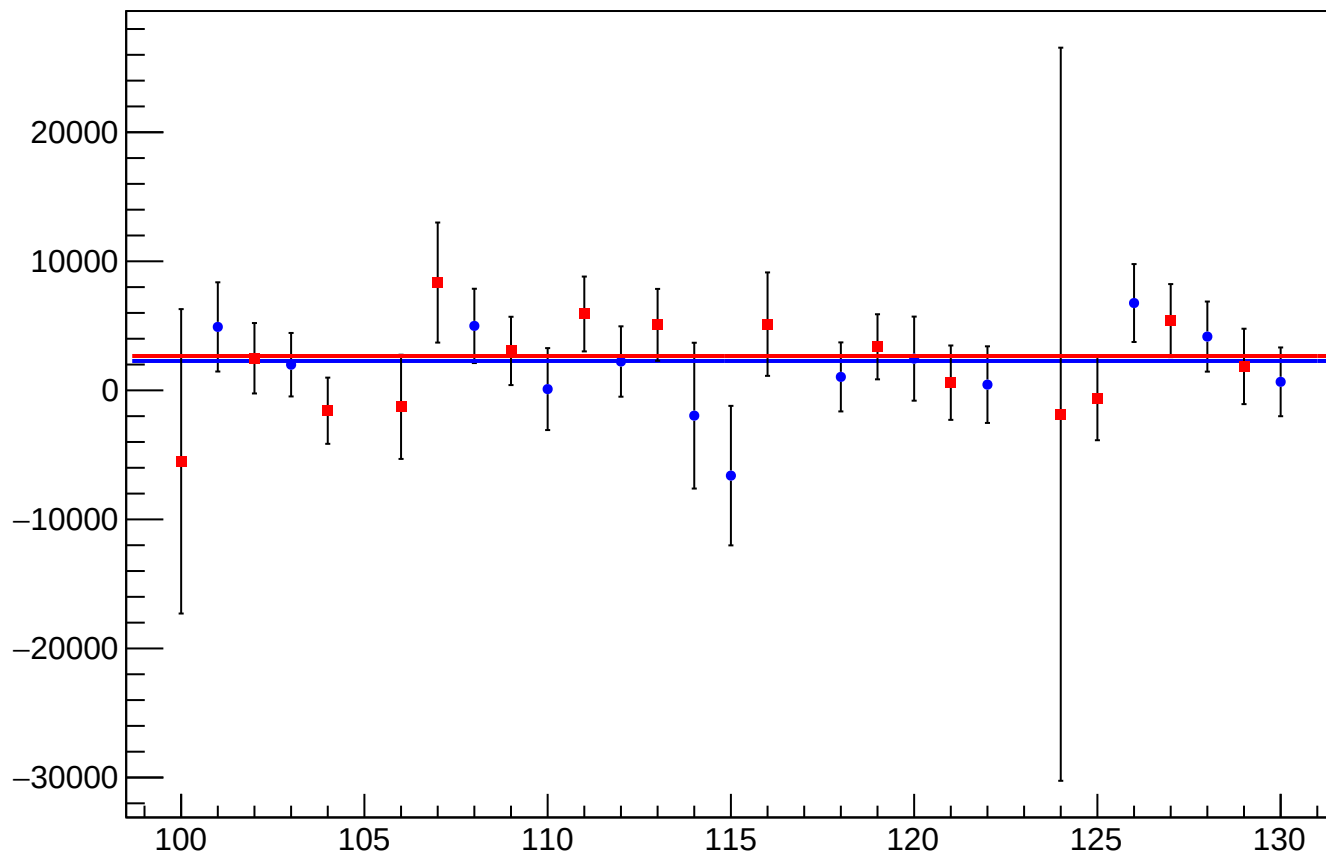
Right: 1304.402+/-0.523 χ^2/NDF : 16355849.3/27

In: 5714.380+/-1.756 χ^2/NDF : 403549.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1304.402+/-0.523 χ^2/NDF : 16355849.3/27

eigen_cor_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2276.656 $\pm$ 844.398 χ^2 /NDF: 8.9/12

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

Right Out: 2661.558 $\pm$ 824.973 χ^2 /NDF: 10.7/14

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

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

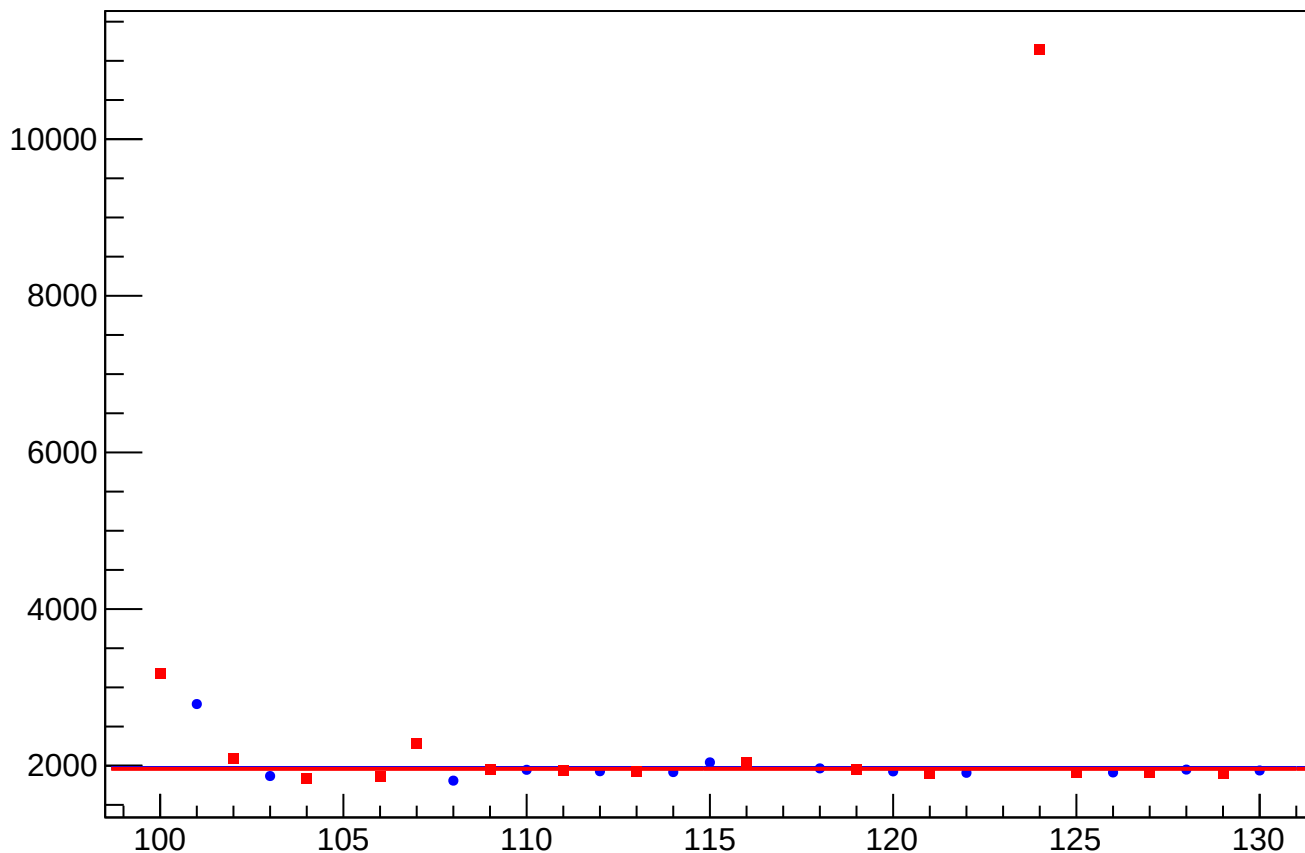
Right: 2473.585 $\pm$ 590.092 χ^2 /NDF: 19.7/27

In: 2276.656 $\pm$ 844.398 χ^2 /NDF:8.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2473.585 $\pm$ 590.092 χ^2 /NDF: 19.7/27

eigen_cor_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1970.692+/-0.597 χ^2/NDF : 124754.7/12

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

Right Out: 1959.967+/-0.583 χ^2/NDF : 254660.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

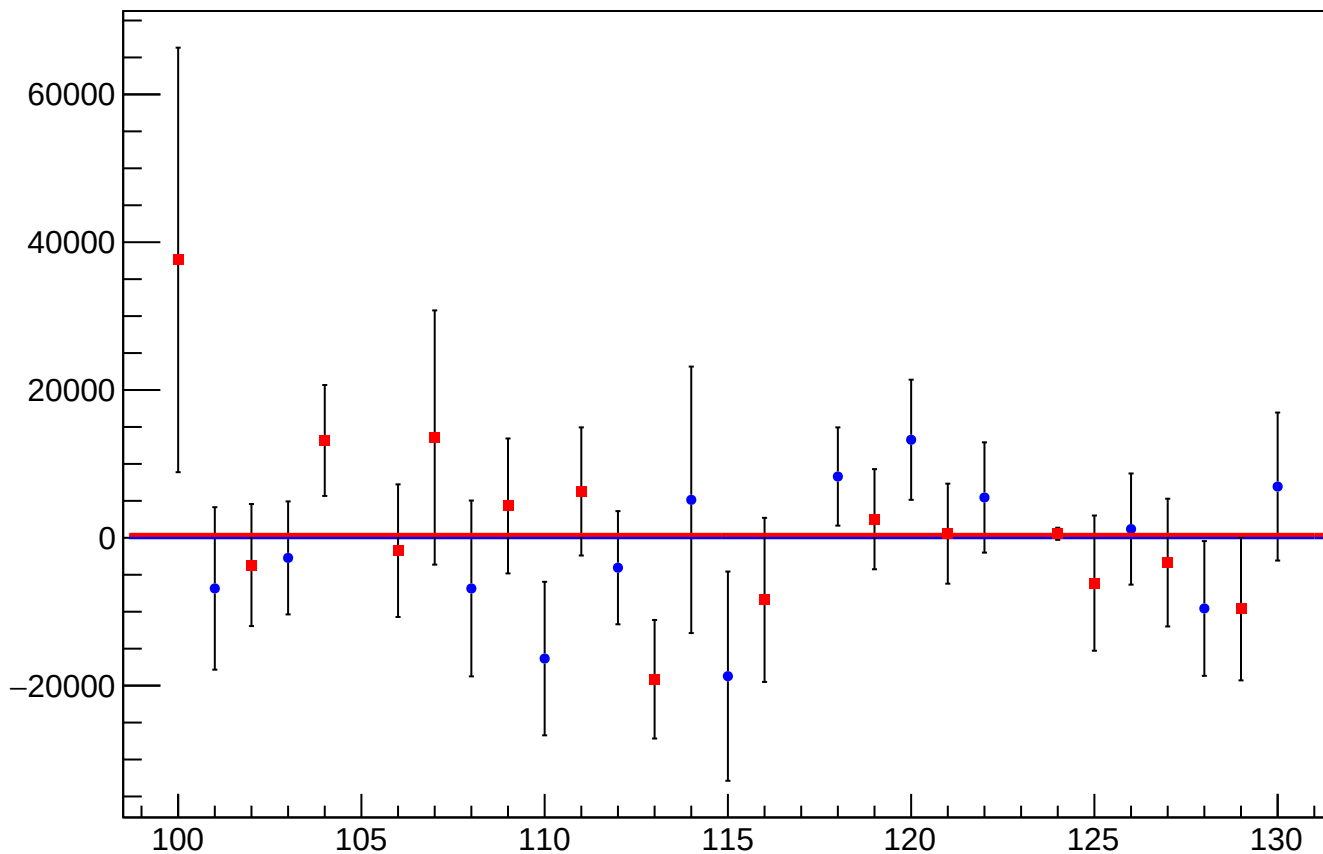
Right: 1965.204+/-0.417 χ^2/NDF : 379580.5/27

In: 1970.692+/-0.597 χ^2/NDF : 124754.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1965.204+/-0.417 χ^2/NDF : 379580.5/27

asym_atl2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 74.469+/-2482.769 χ^2/NDF : 11.8/12

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

Right Out: 404.842+/-774.891 χ^2/NDF : 14.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

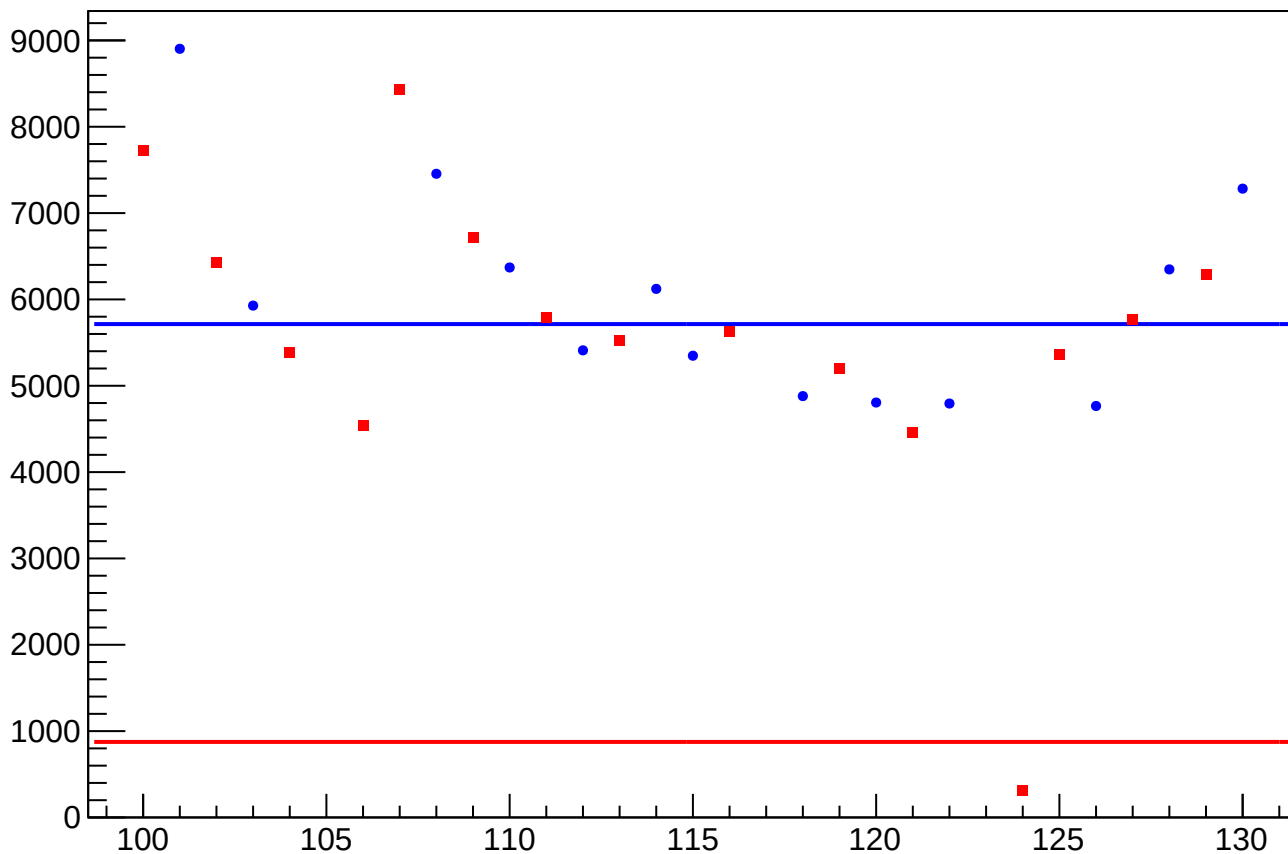
Right: 375.517+/-739.701 χ^2/NDF : 26.4/27

In: 74.469+/-2482.769 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 375.517+/-739.701 χ^2/NDF : 26.4/27

asym_atl2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 5714.380+/-1.756 χ^2/NDF : 403549.4/12

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

Right Out: 874.820+/-0.548 χ^2/NDF : 9027623.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

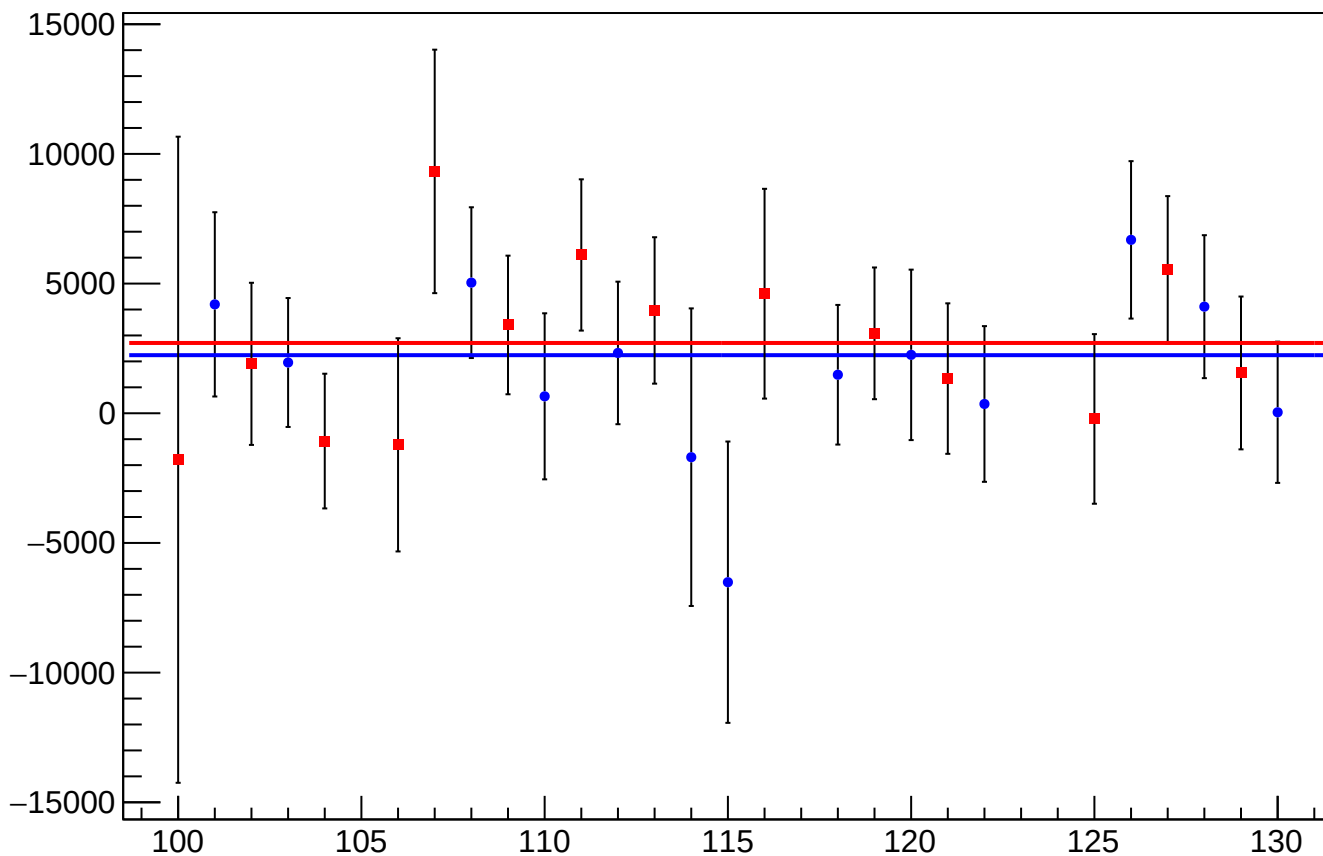
Right: 1304.402+/-0.523 χ^2/NDF : 16355849.3/27

In: 5714.380+/-1.756 χ^2/NDF : 403549.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1304.402+/-0.523 χ^2/NDF : 16355849.3/27

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2239.746+/-854.217 χ^2/NDF : 8.3/12

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

Right Out: 2710.291+/-841.575 χ^2/NDF : 9.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

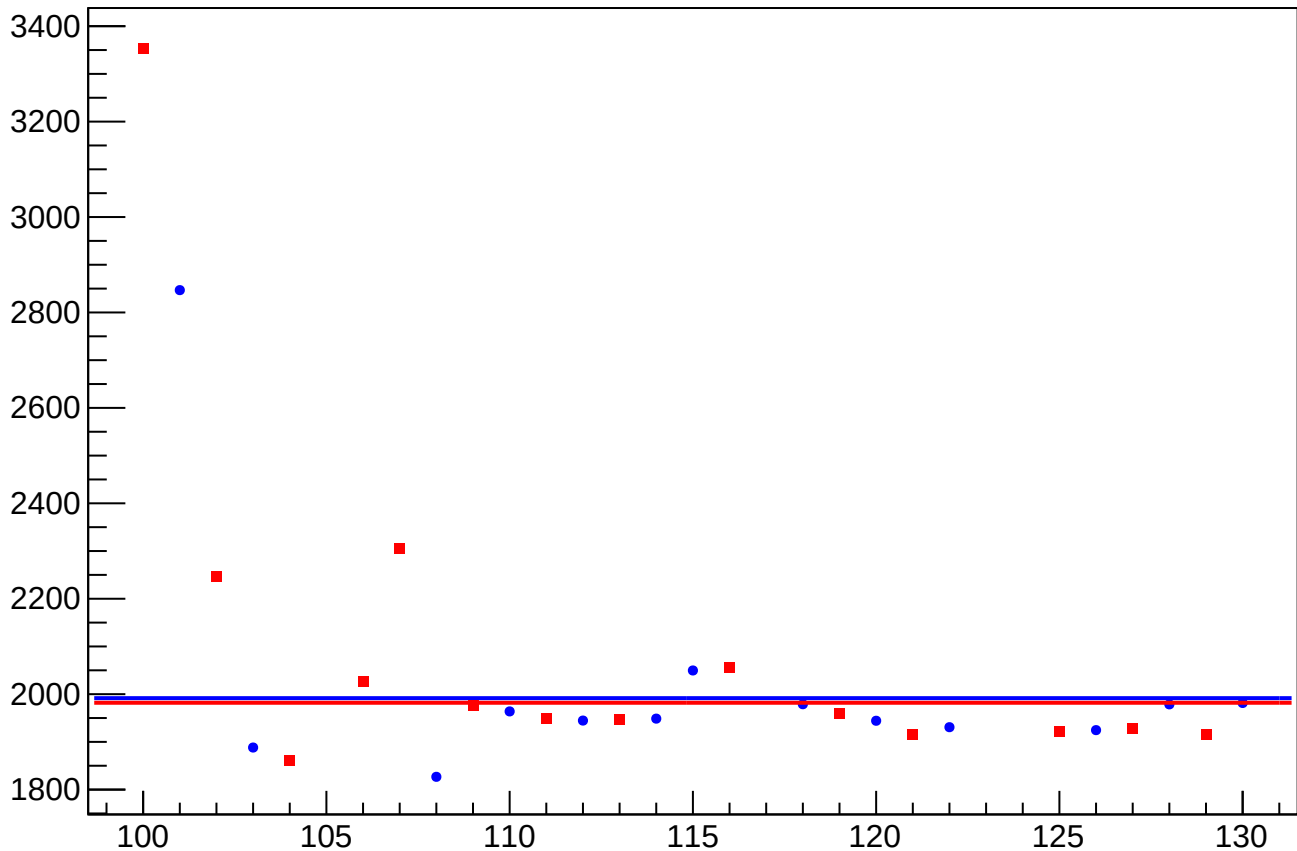
Right: 2478.526+/-599.503 χ^2/NDF : 17.7/26

In: 2239.746+/-854.217 χ^2/NDF : 8.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2478.526+/-599.503 χ^2/NDF : 17.7/26

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1991.649+/-0.604 χ^2/NDF : 129213.5/12

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

Right Out: 1982.013+/-0.594 χ^2/NDF : 57534.1/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

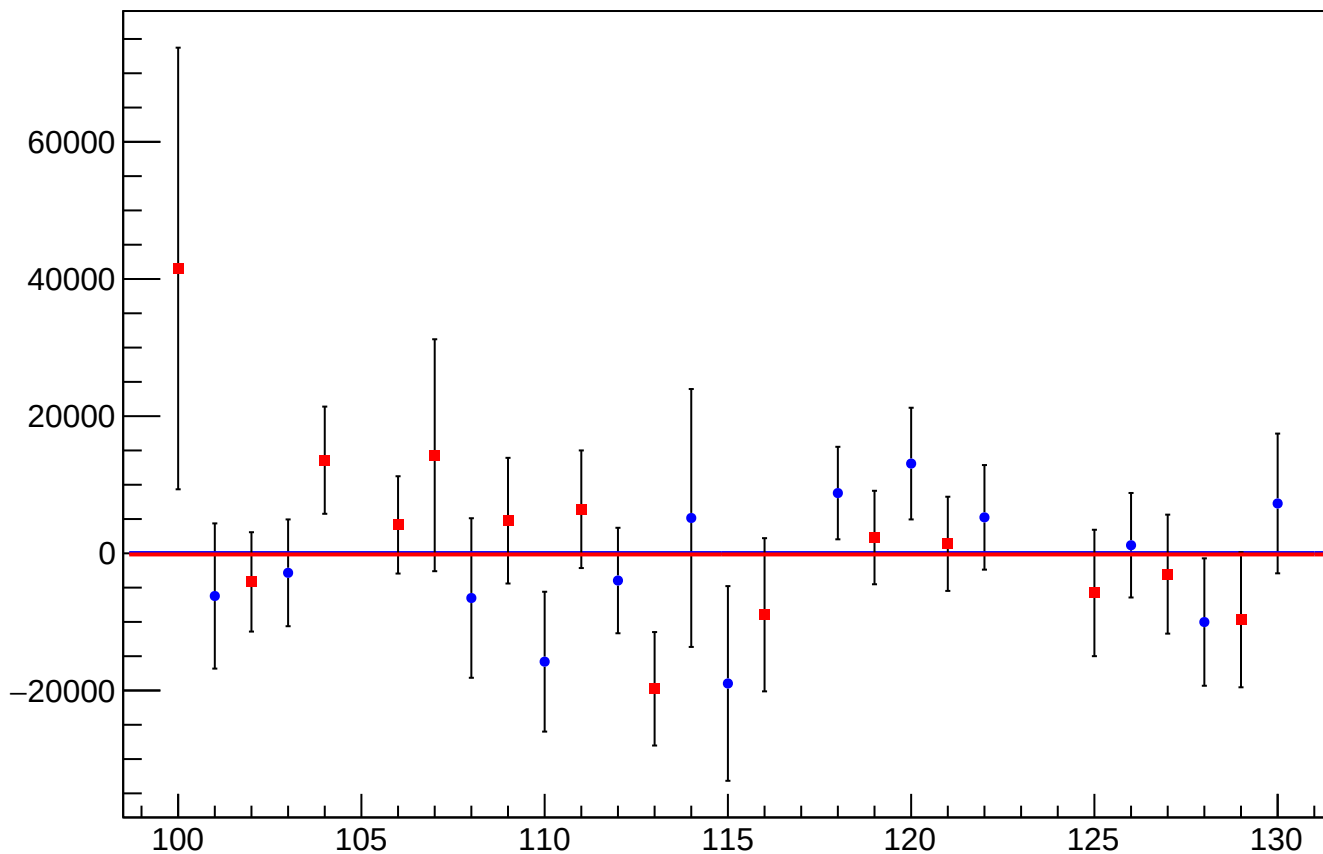
Right: 1986.751+/-0.424 χ^2/NDF : 186877.0/26

In: 1991.649+/-0.604 χ^2/NDF : 129213.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1986.751+/-0.424 χ^2/NDF : 186877.0/26

asym_atl2_dit_correction_mean vs Slug, Sign Corrected



Right In: 37.251+/-2501.281 χ^2/NDF : 11.8/12

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

Right Out: -162.263+/-2318.581 χ^2/NDF : 14.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

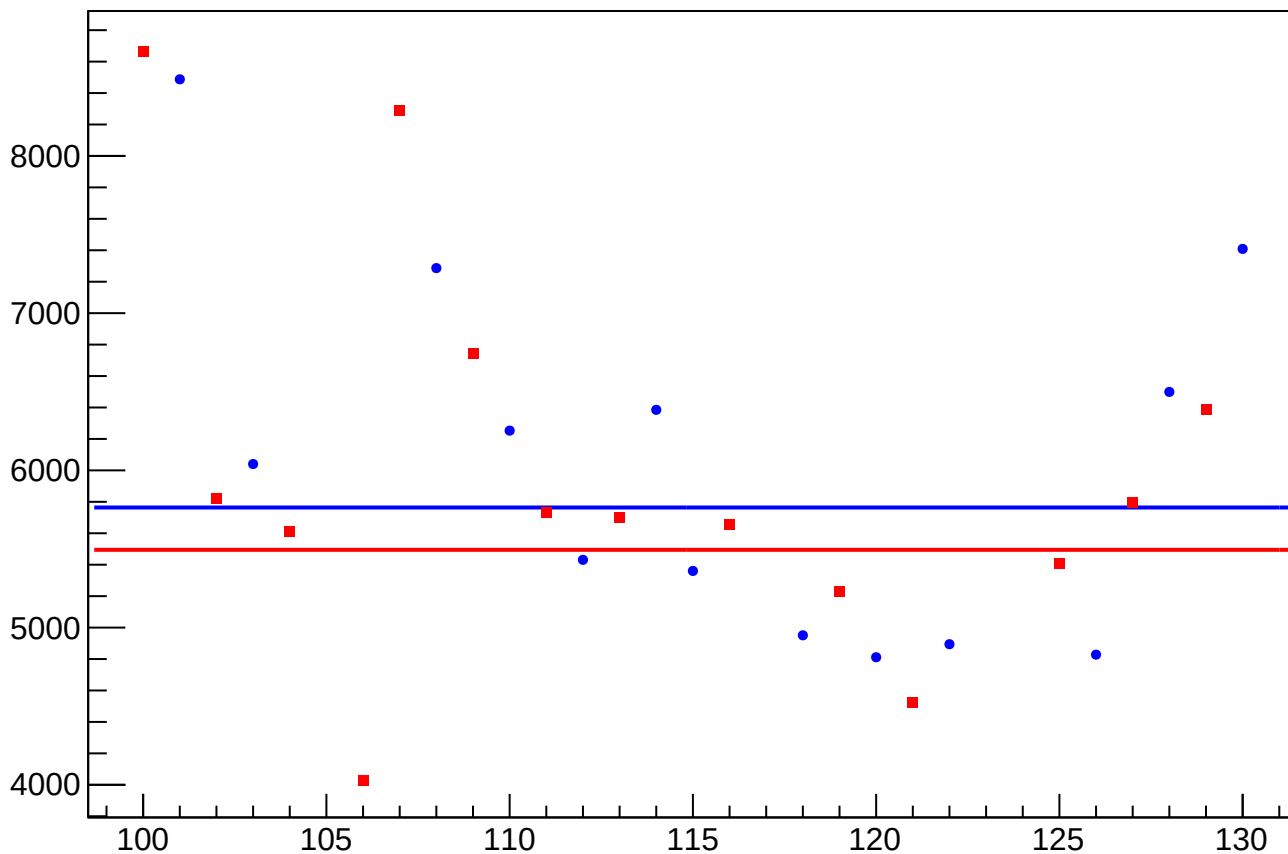
Right: -70.058+/-1700.409 χ^2/NDF : 26.7/26

In: 37.251+/-2501.281 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -70.058+/-1700.409 χ^2/NDF : 26.7/26

asym_atl2_dit_correction_rms vs Slug, Sign Corrected



Right In: 5763.818+/-1.769 χ^2/NDF : 358570.4/12

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

Right Out: 5494.662+/-1.639 χ^2/NDF : 266201.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

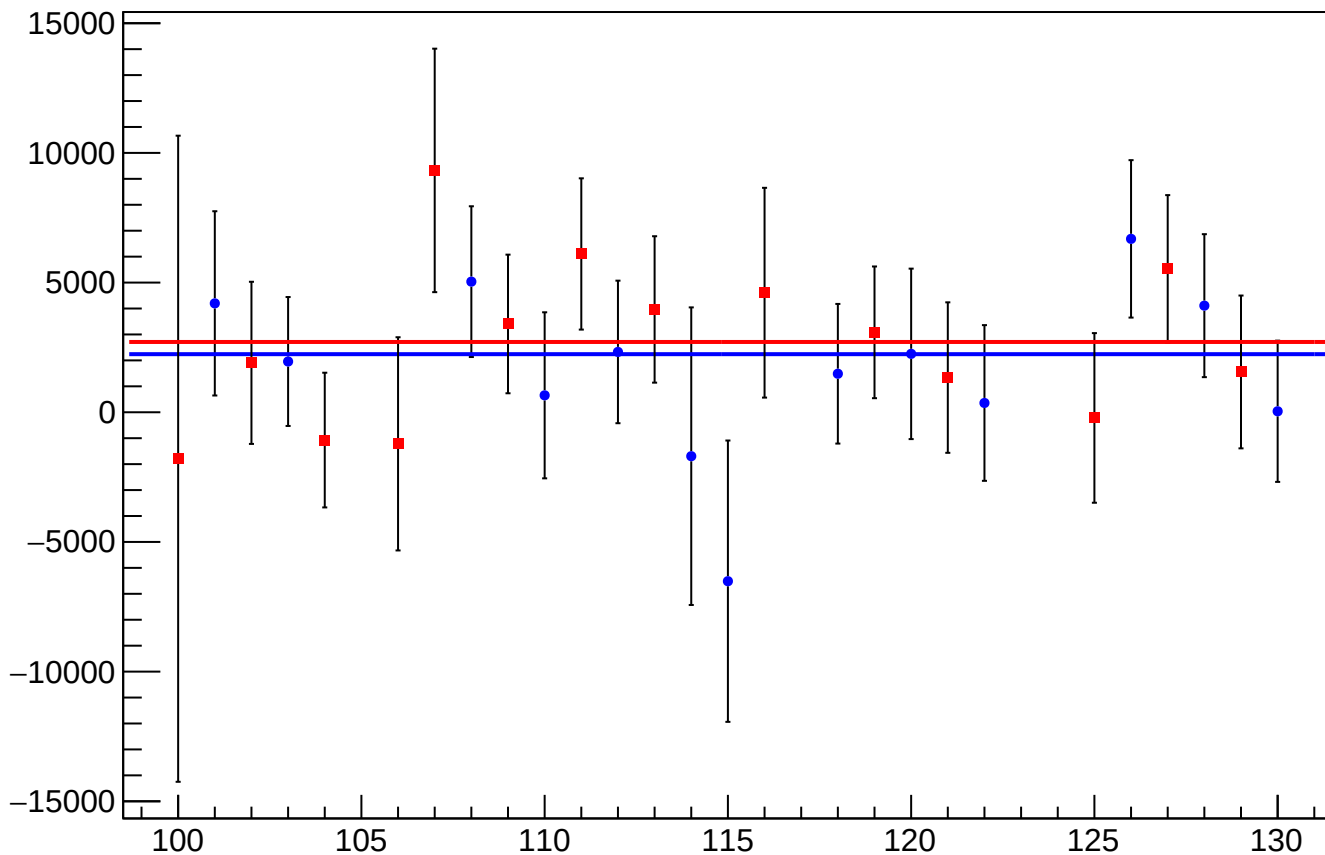
Right: 5619.052+/-1.202 χ^2/NDF : 637227.7/26

In: 5763.818+/-1.769 χ^2/NDF : 358570.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5619.052+/-1.202 χ^2/NDF : 637227.7/26

eigen_dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2239.754+/-854.217 χ^2/NDF : 8.3/12

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

Right Out: 2710.301+/-841.575 χ^2/NDF : 9.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

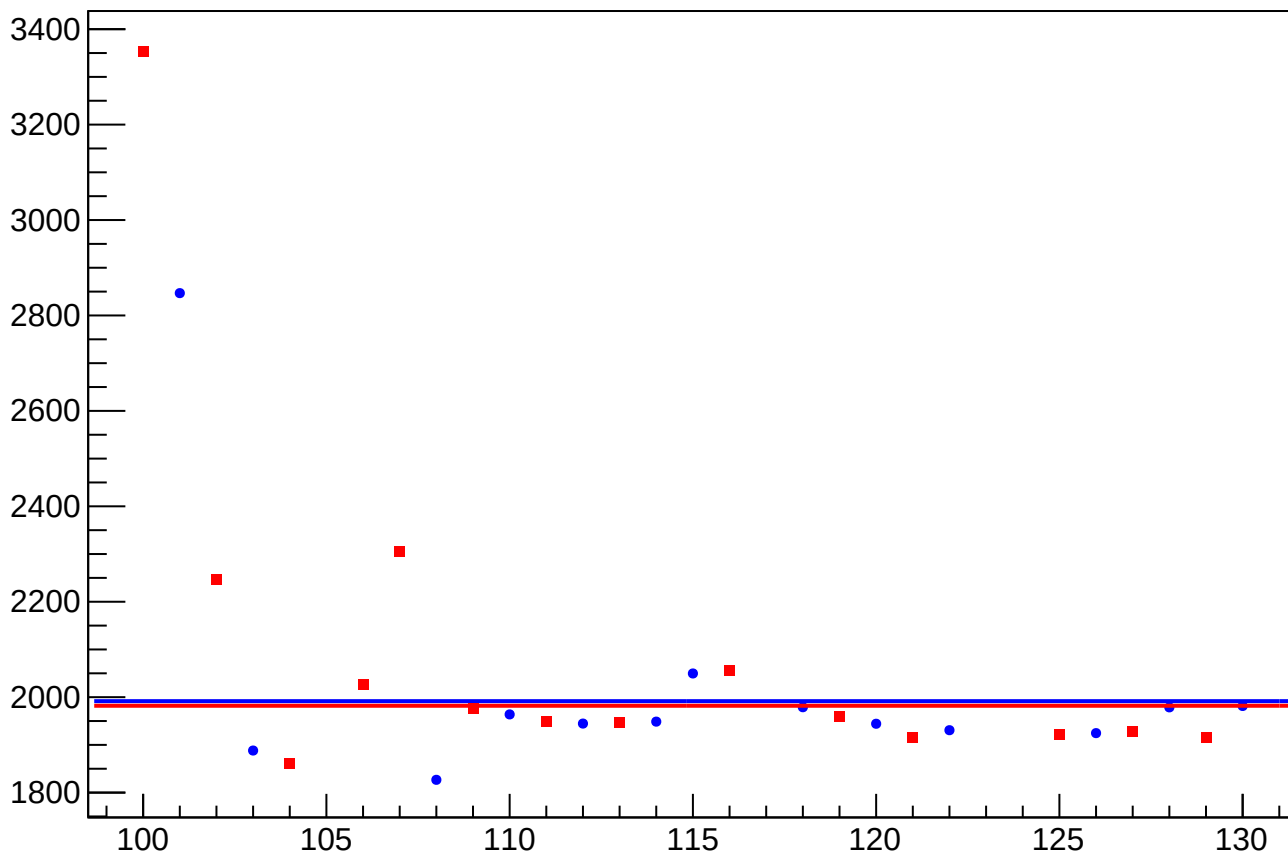
Right: 2478.536+/-599.503 χ^2/NDF : 17.7/26

In: 2239.754+/-854.217 χ^2/NDF : 8.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2478.536+/-599.503 χ^2/NDF : 17.7/26

eigen_dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1991.650+/-0.604 χ^2/NDF : 129213.2/12

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

Right Out: 1982.013+/-0.594 χ^2/NDF : 57534.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

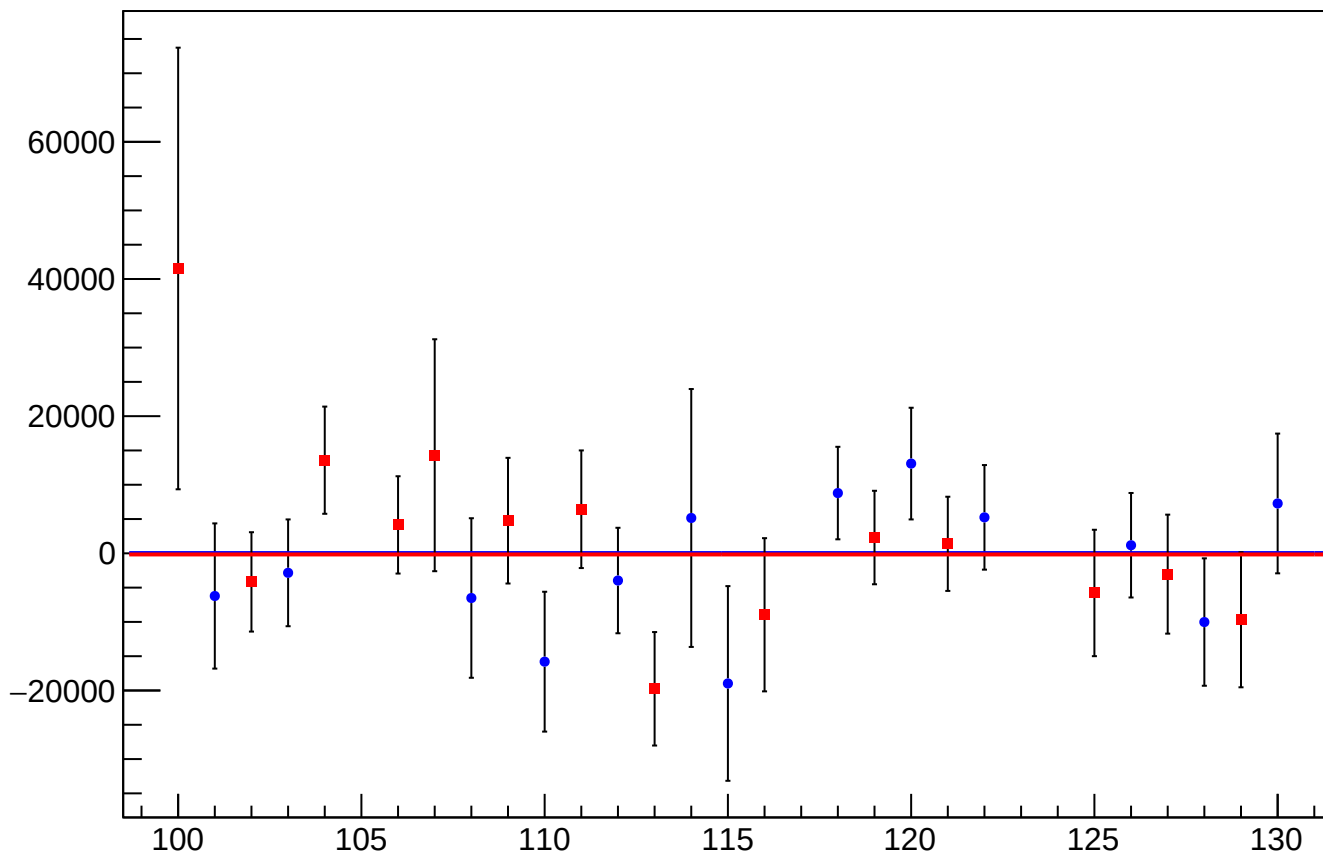
Right: 1986.751+/-0.424 χ^2/NDF : 186876.8/26

In: 1991.650+/-0.604 χ^2/NDF : 129213.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1986.751+/-0.424 χ^2/NDF : 186876.8/26

asym_atl2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 37.260+/-2501.272 χ^2/NDF : 11.8/12

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

Right Out: -162.257+/-2318.574 χ^2/NDF : 14.9/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

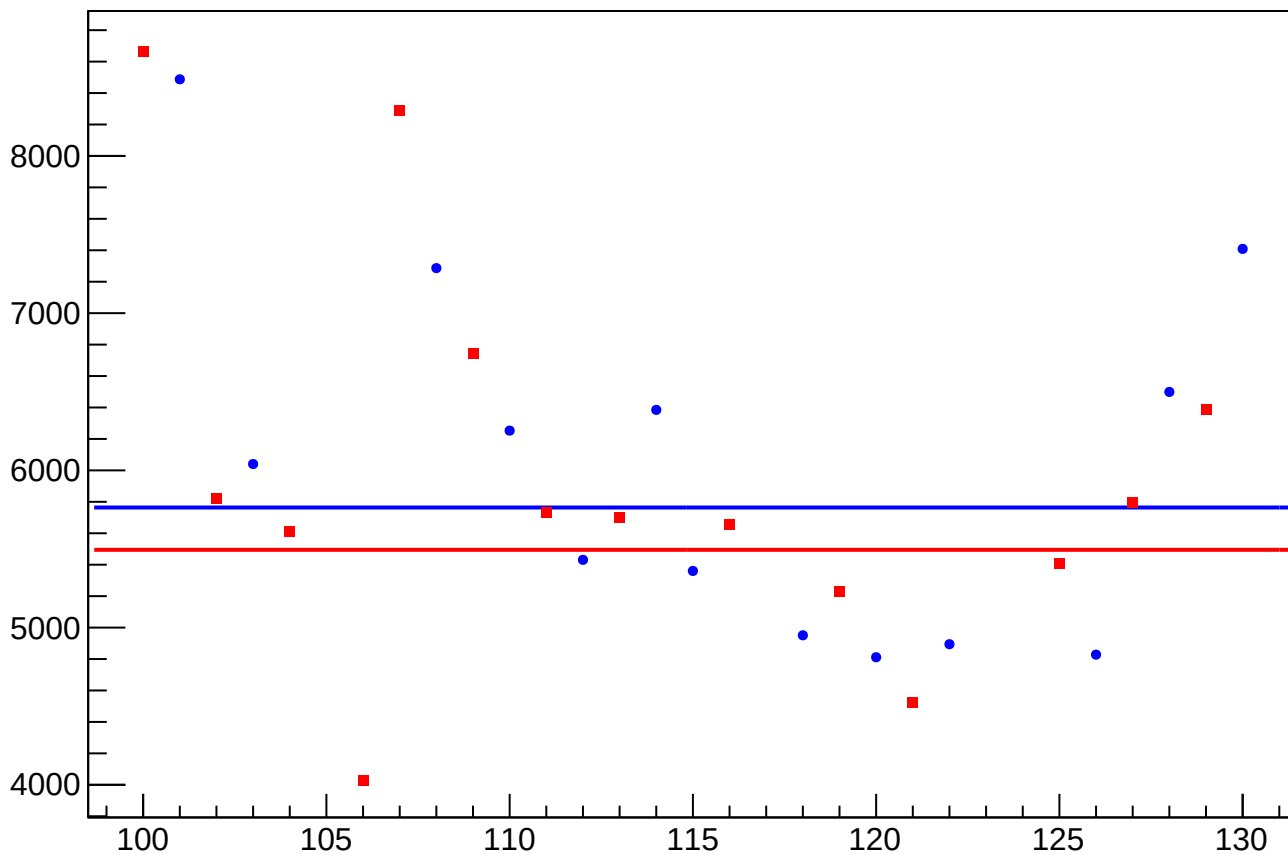
Right: -70.051+/-1700.404 χ^2/NDF : 26.7/26

In: 37.260+/-2501.272 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -70.051+/-1700.404 χ^2/NDF : 26.7/26

asym_atl2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 5763.796+/-1.769 χ^2/NDF : 358574.2/12

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

Right Out: 5494.646+/-1.639 χ^2/NDF : 266202.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

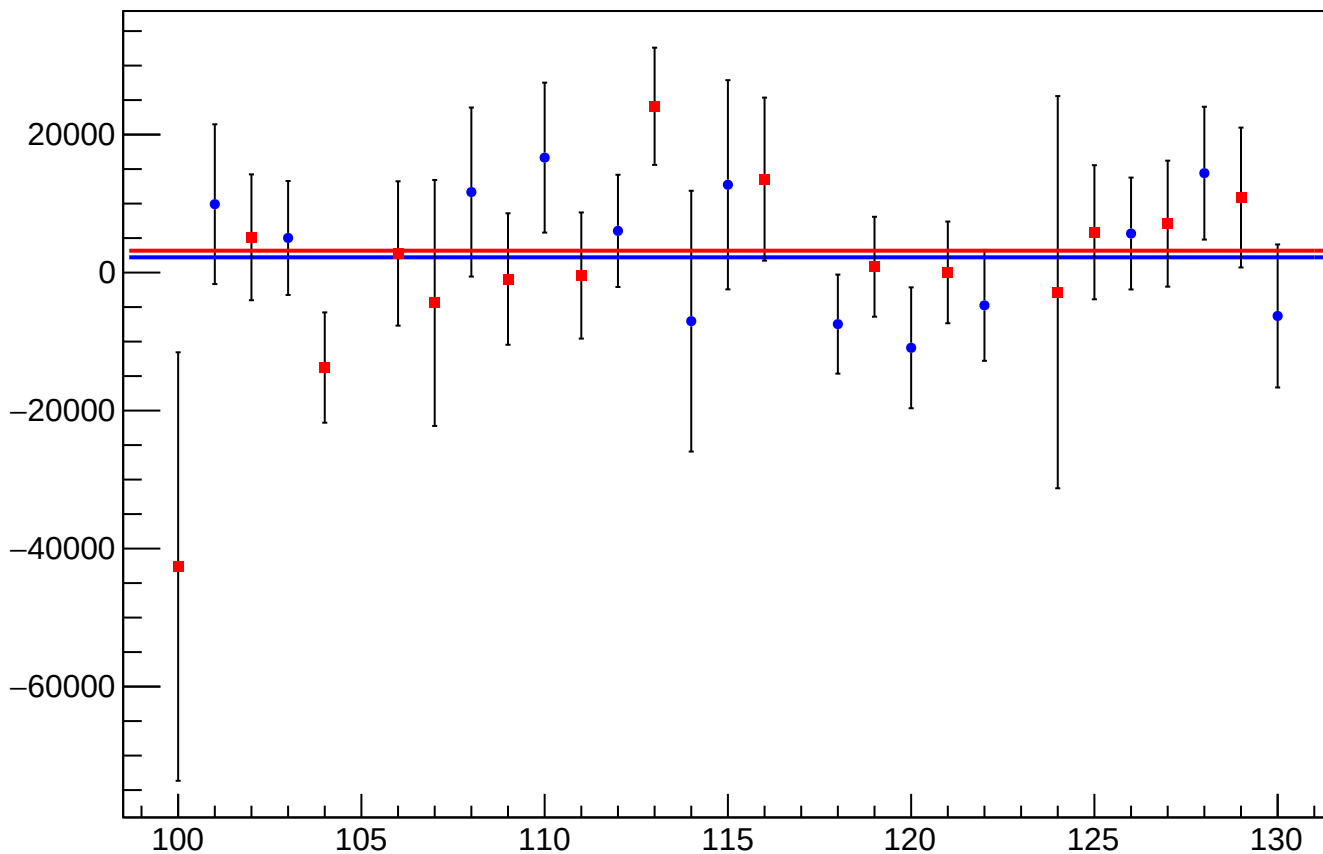
Right: 5619.033+/-1.202 χ^2/NDF : 637232.3/26

In: 5763.796+/-1.769 χ^2/NDF : 358574.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5619.033+/-1.202 χ^2/NDF : 637232.3/26

asym_atl2_mean vs Slug, Sign Corrected



Right In: 2213.298+/-2646.512 χ^2/NDF : 11.1/12

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

Right Out: 3172.310+/-2531.633 χ^2/NDF : 15.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

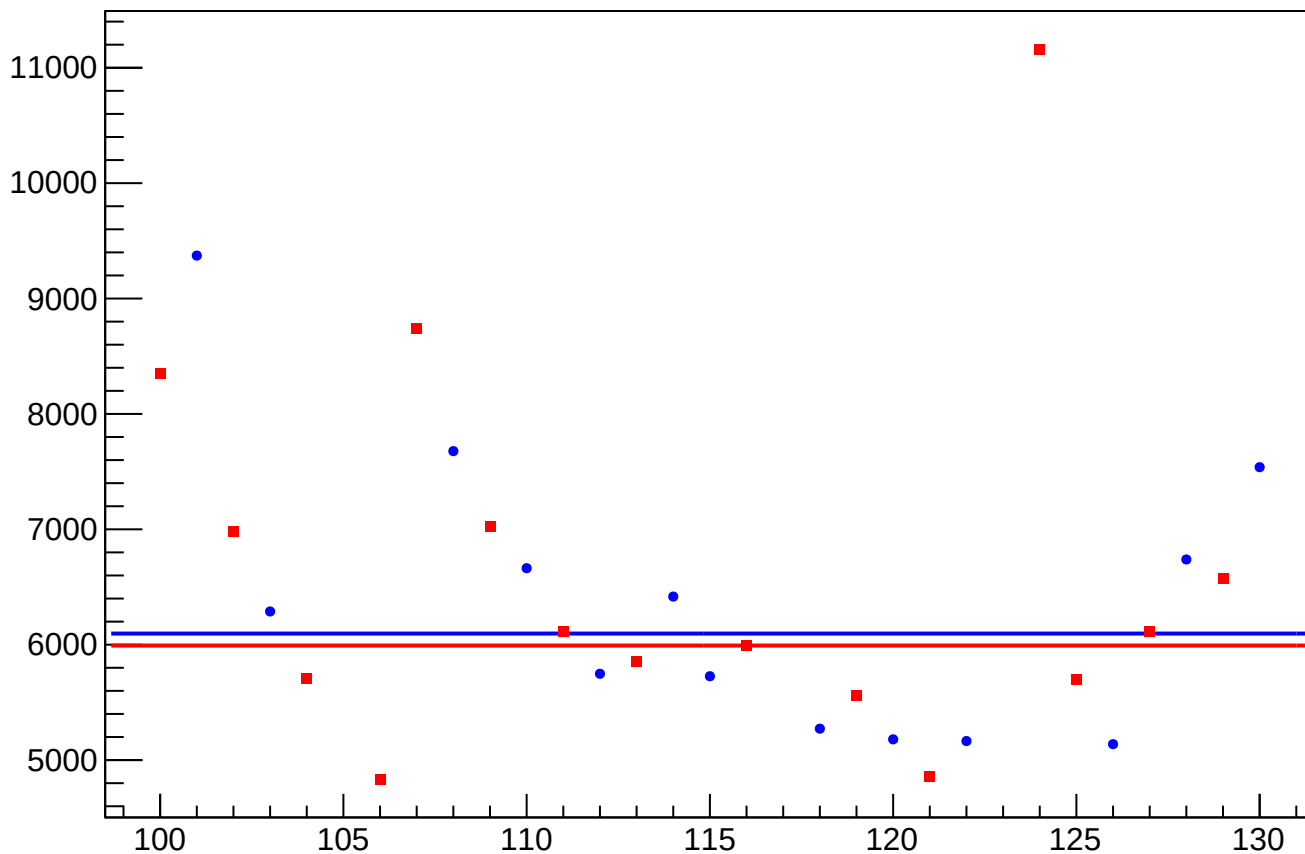
Right: 2714.069+/-1829.400 χ^2/NDF : 26.4/27

In: 2213.298+/-2646.512 χ^2/NDF : 11.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2714.069+/-1829.400 χ^2/NDF : 26.4/27

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6096.652+/-1.871 χ^2/NDF : 356071.3/12

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

Right Out: 5992.822+/-1.790 χ^2/NDF : 262919.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

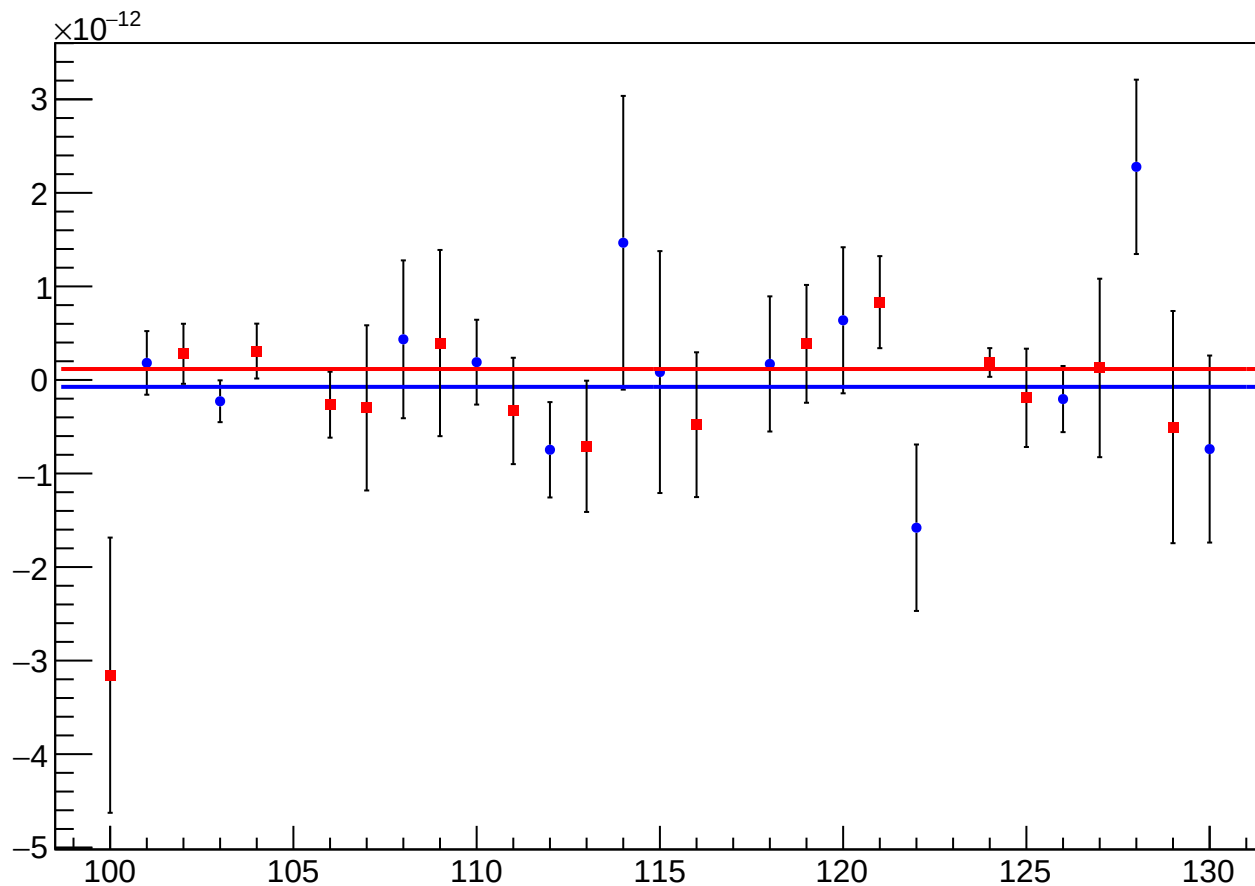
Right: 6042.435+/-1.294 χ^2/NDF : 620598.4/27

In: 6096.652+/-1.871 χ^2/NDF : 356071.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6042.435+/-1.294 χ^2/NDF : 620598.4/27

asym_atl2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.2/12

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

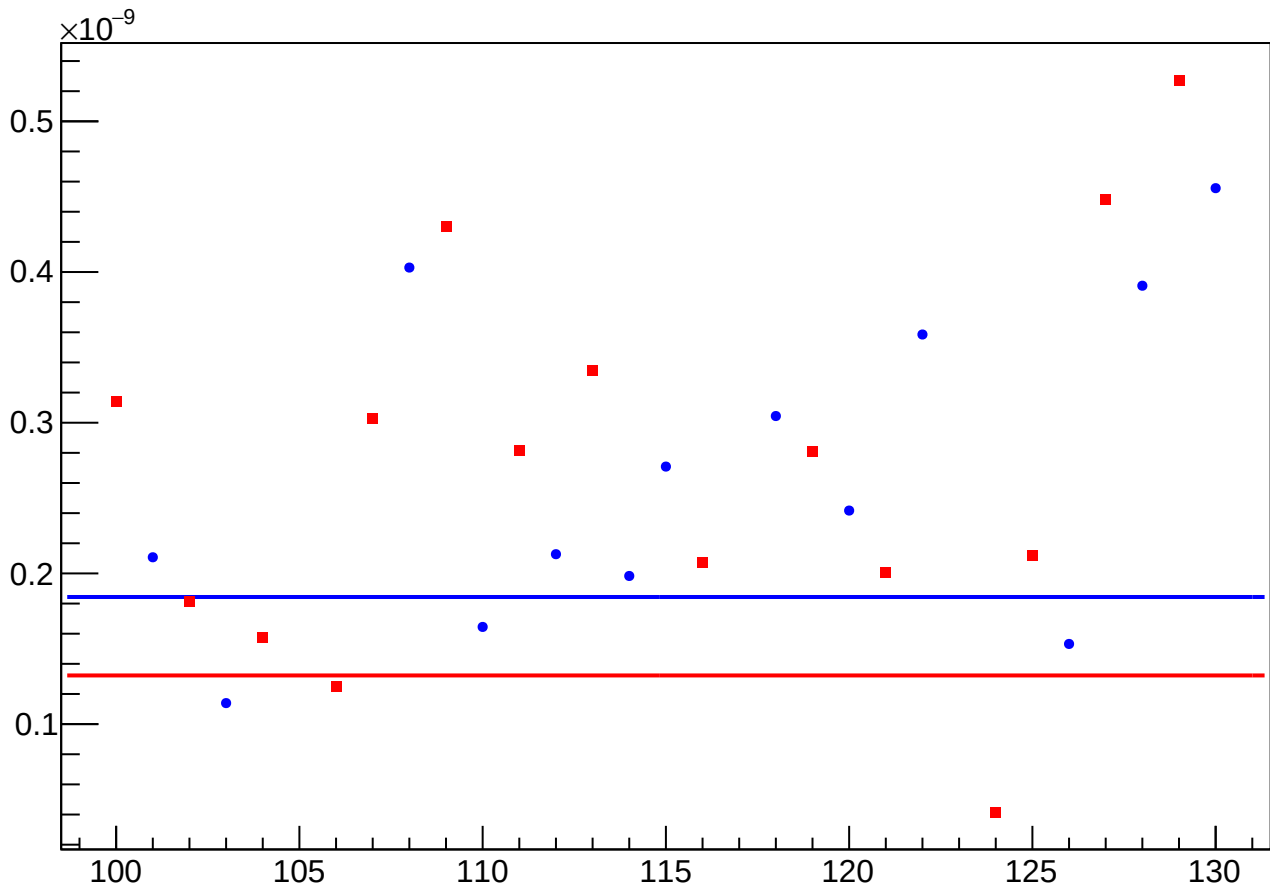
Right: 0.000+/-0.000 χ^2/NDF : 29.3/27

In: -0.000+/-0.000 χ^2/NDF : 15.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.3/27

asym_atl2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 767700.1/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1991921.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

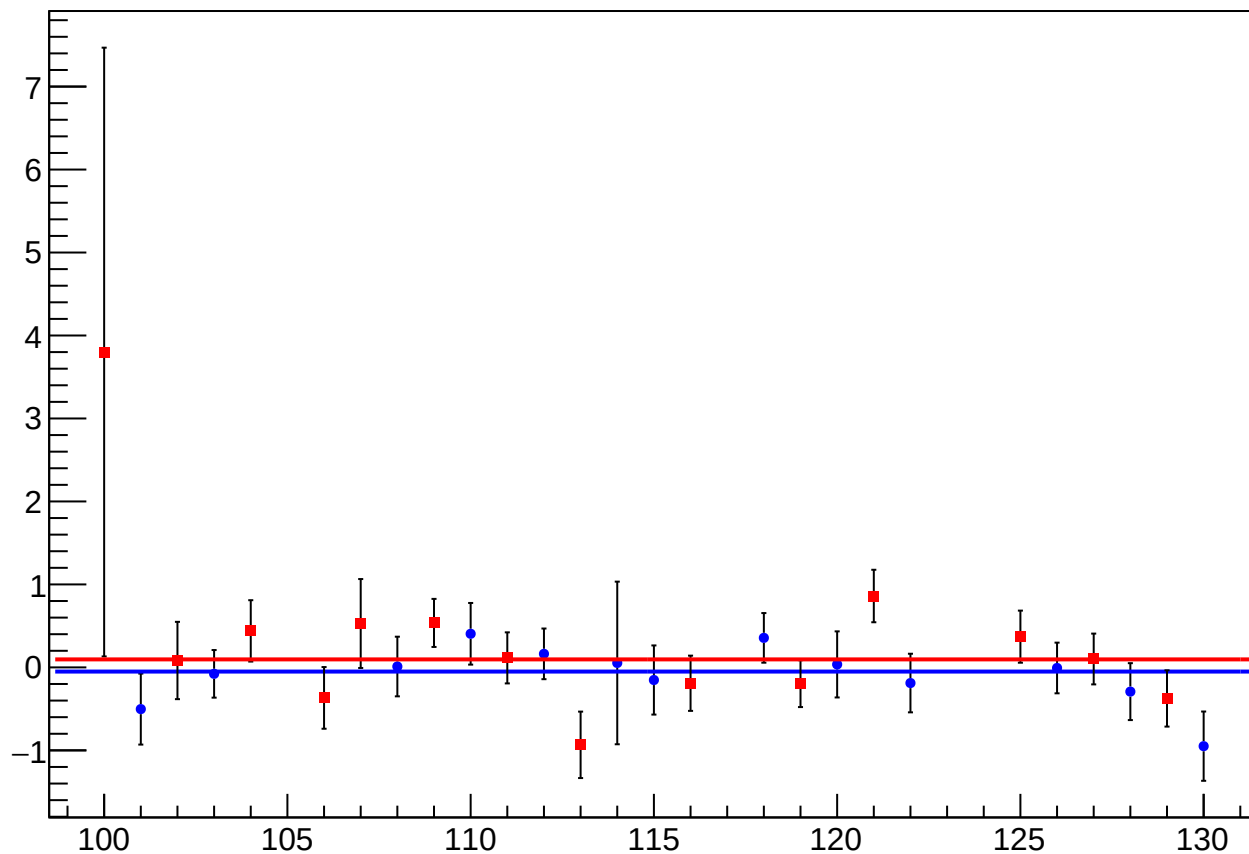
Right: 0.000+/-0.000 χ^2/NDF : 2946786.9/27

In: 0.000+/-0.000 χ^2/NDF : 767700.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2946786.9/27

asym_atl2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.050 ± 0.100 $\chi^2/\text{NDF}: 10.4/12$

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

Right Out: 0.096 ± 0.094 $\chi^2/\text{NDF}: 23.4/13$

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

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

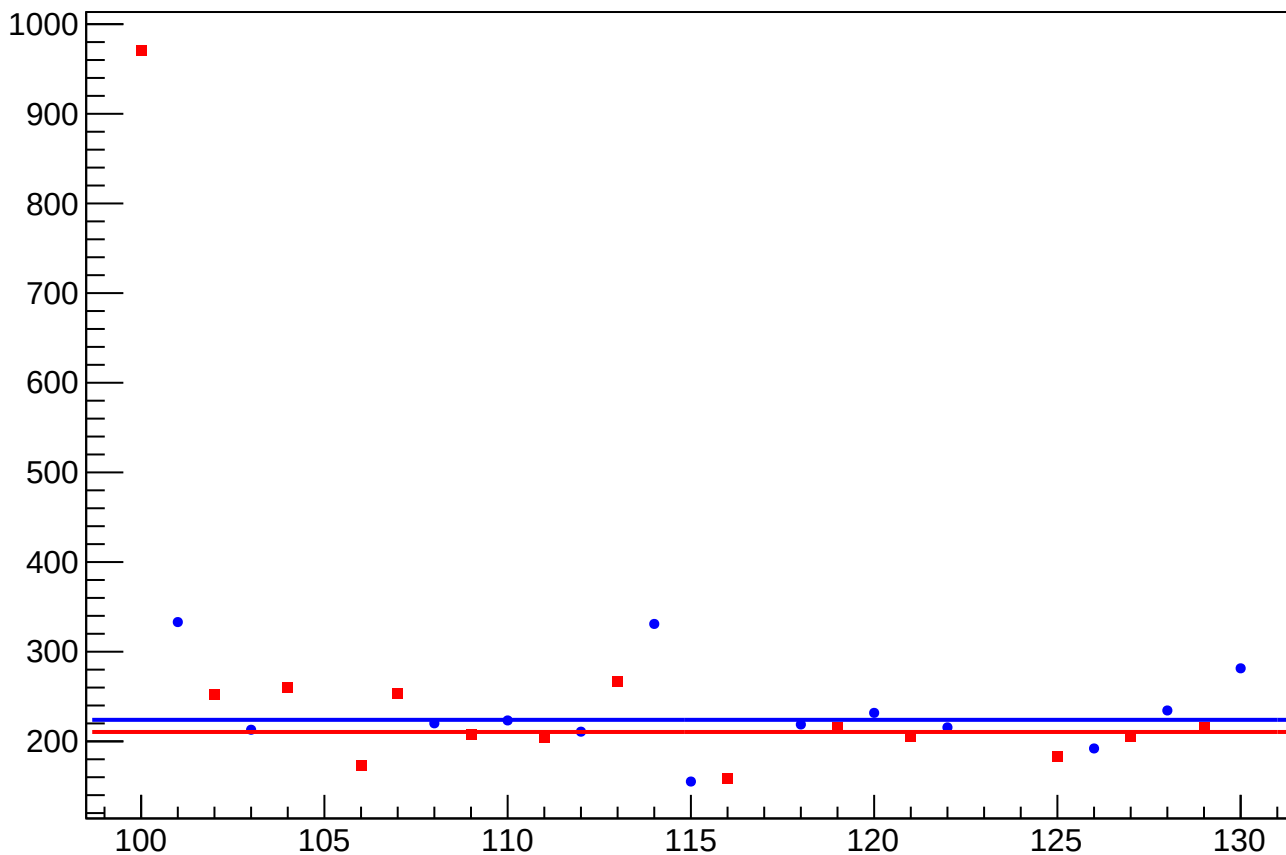
Right: 0.027 ± 0.069 $\chi^2/\text{NDF}: 34.9/26$

In: -0.050 ± 0.100 $\chi^2/\text{NDF}: 10.4/12$

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

All: 0.027 ± 0.069 $\chi^2/\text{NDF}: 34.9/26$

asym_atl2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 224.004 $\pm$ 0.071 χ^2 /NDF: 279402.8/12

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

Right Out: 210.465 $\pm$ 0.067 χ^2 /NDF: 275881.8/13

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

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

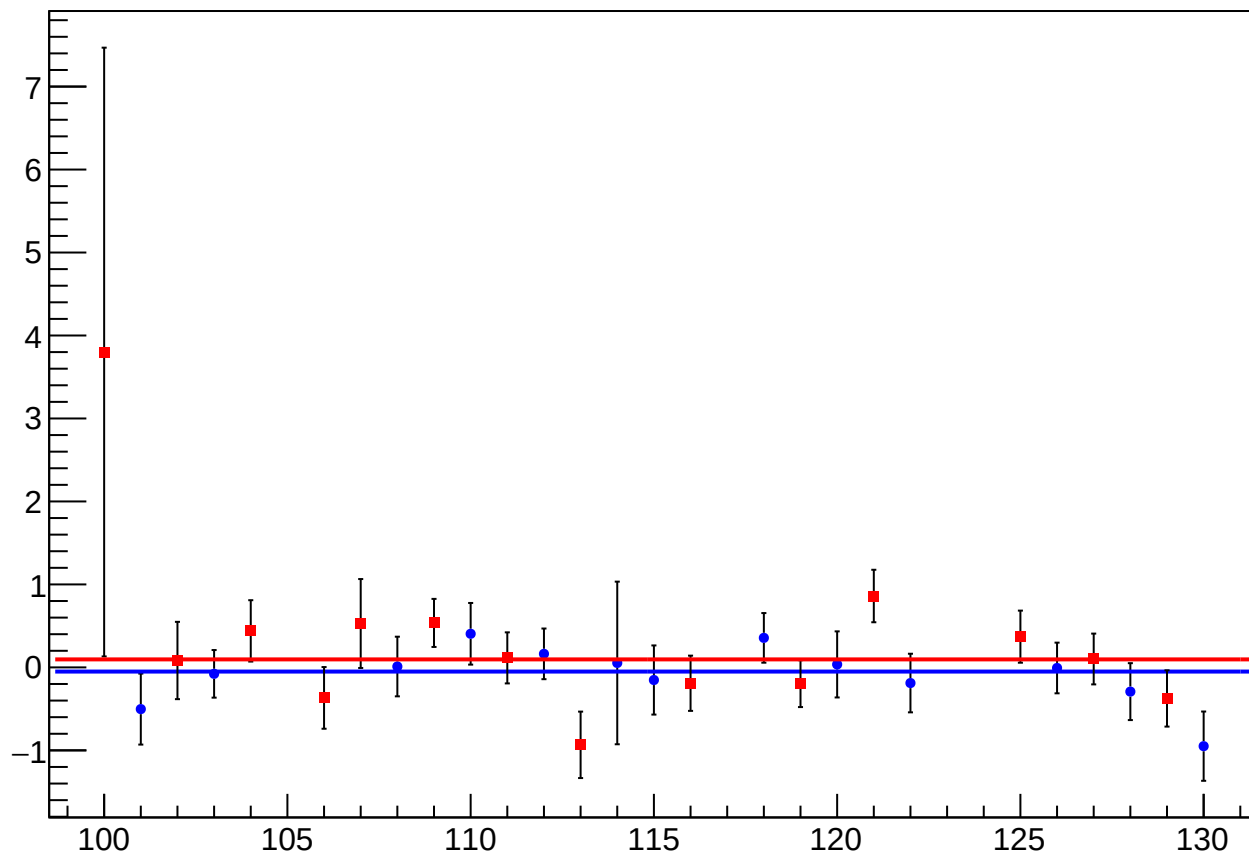
Right: 216.856 $\pm$ 0.048 χ^2 /NDF: 574757.2/26

In: 224.004 $\pm$ 0.071 χ^2 /NDF:279402.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 216.856 $\pm$ 0.048 χ^2 /NDF: 574757.2/26

asym_atl2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.050 ± 0.100 $\chi^2/\text{NDF}: 10.4/12$

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

Right Out: 0.096 ± 0.094 $\chi^2/\text{NDF}: 23.4/13$

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

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

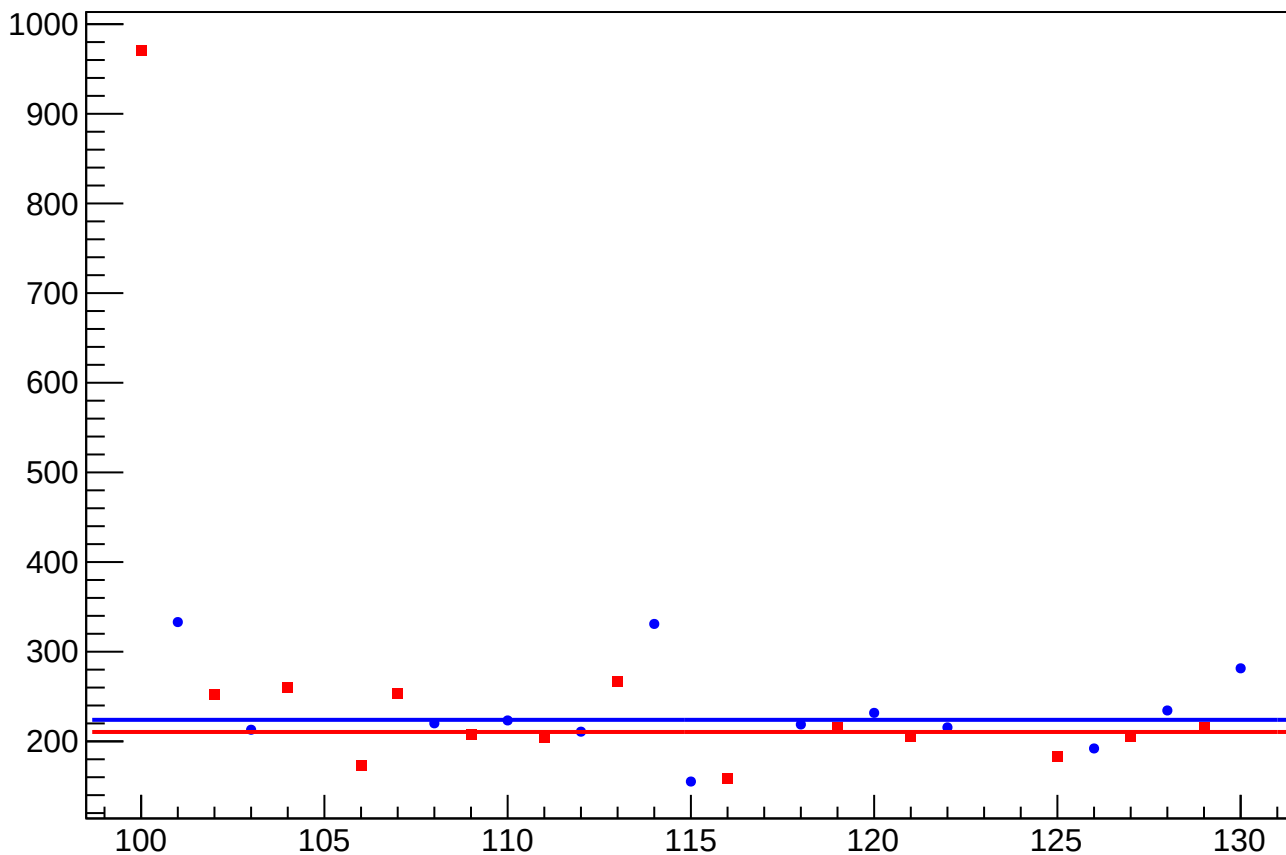
Right: 0.027 ± 0.069 $\chi^2/\text{NDF}: 34.9/26$

In: -0.050 ± 0.100 $\chi^2/\text{NDF}: 10.4/12$

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

All: 0.027 ± 0.069 $\chi^2/\text{NDF}: 34.9/26$

asym_atl2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 224.004+/-0.071 χ^2/NDF : 279402.8/12

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

Right Out: 210.465+/-0.067 χ^2/NDF : 275881.8/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

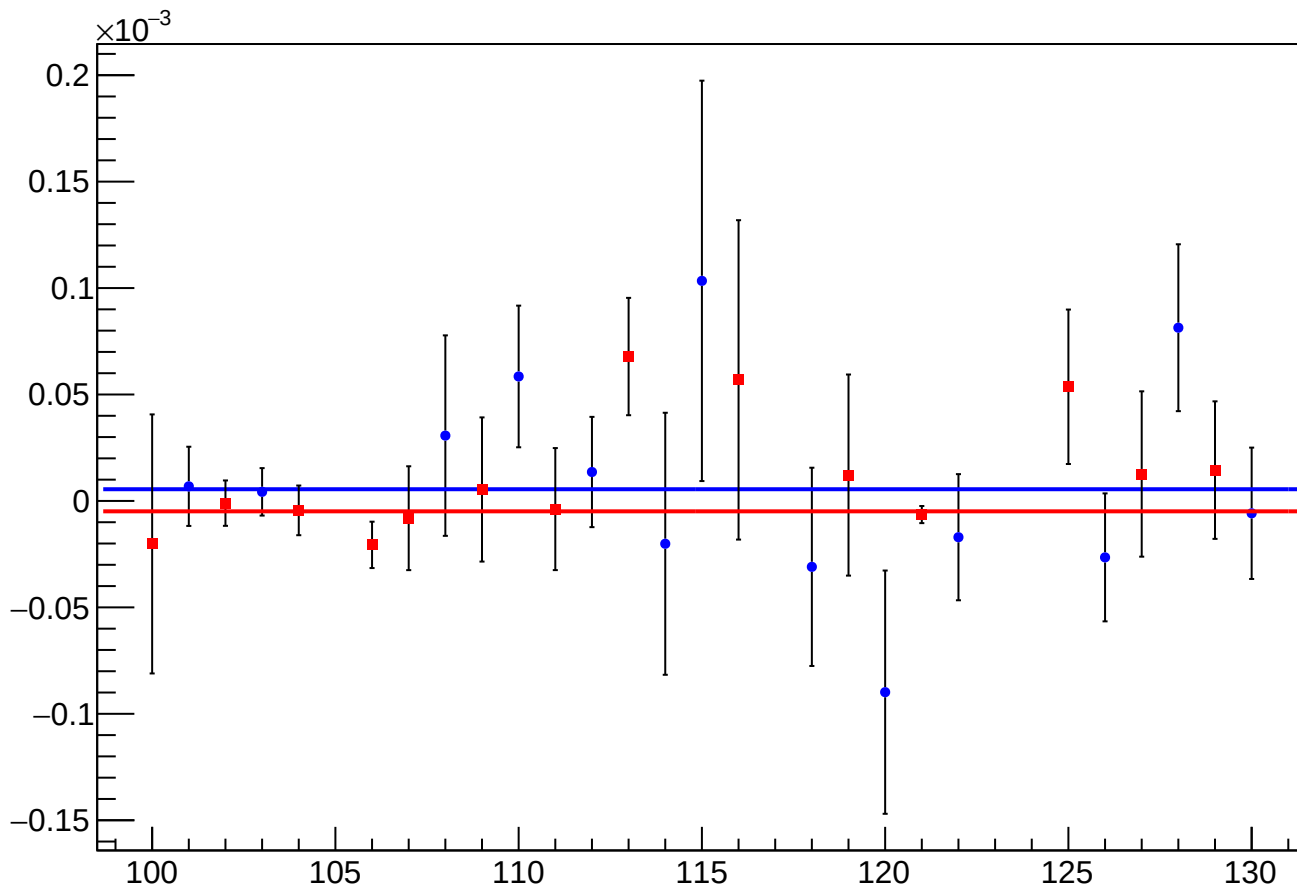
Right: 216.856+/-0.048 χ^2/NDF : 574757.2/26

In: 224.004+/-0.071 χ^2/NDF : 279402.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 216.856+/-0.048 χ^2/NDF : 574757.2/26

asym_atl2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.2/12

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

Right Out: -0.000+/-0.000 χ^2/NDF : 13.5/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

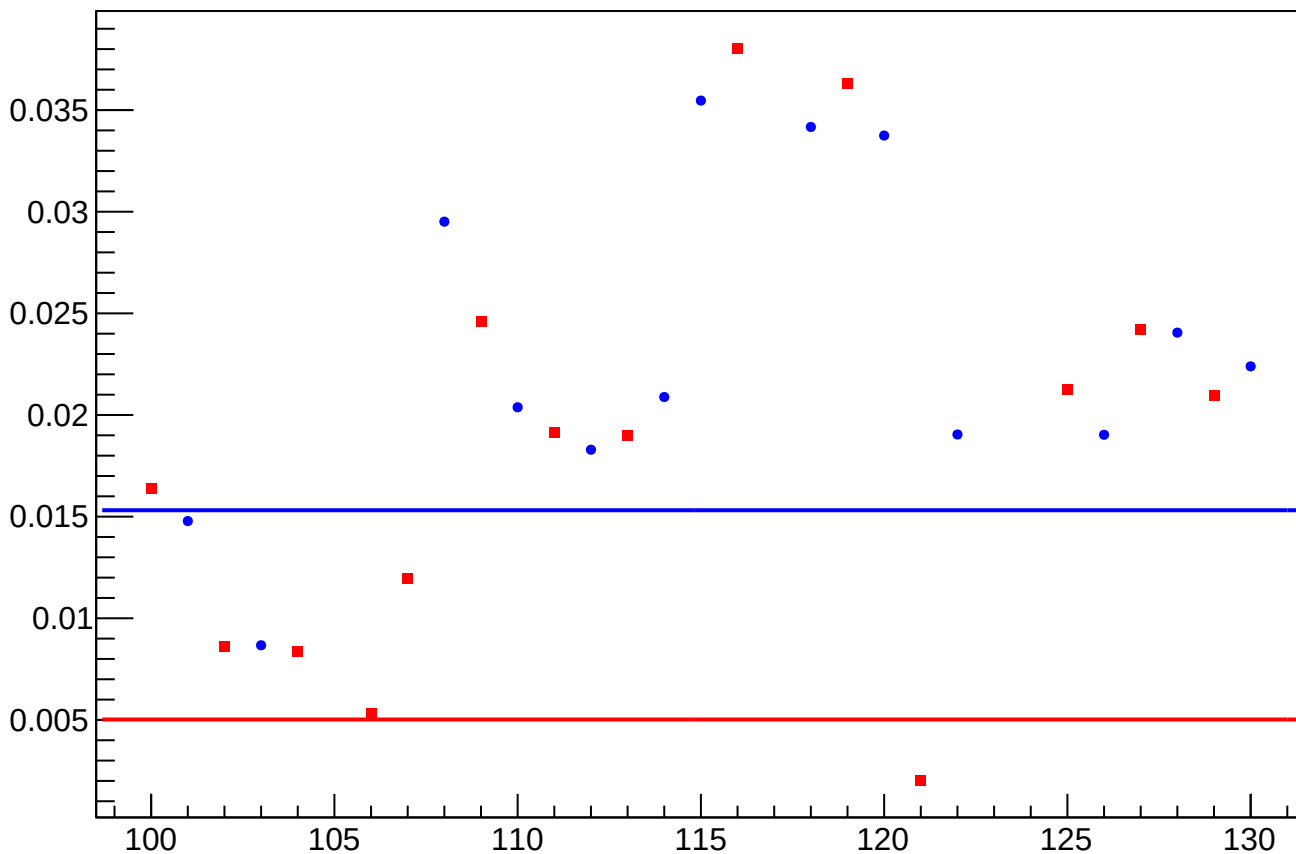
Right: -0.000+/-0.000 χ^2/NDF : 28.4/26

In: 0.000+/-0.000 χ^2/NDF : 13.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.4/26

asym_atl2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000

χ^2/NDF : 1877402.5/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000

χ^2/NDF : 6054209.2/13

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.007+/-0.000

χ^2/NDF : 11267672.6/26

In: 0.015+/-0.000

χ^2/NDF : 1877402.5/12

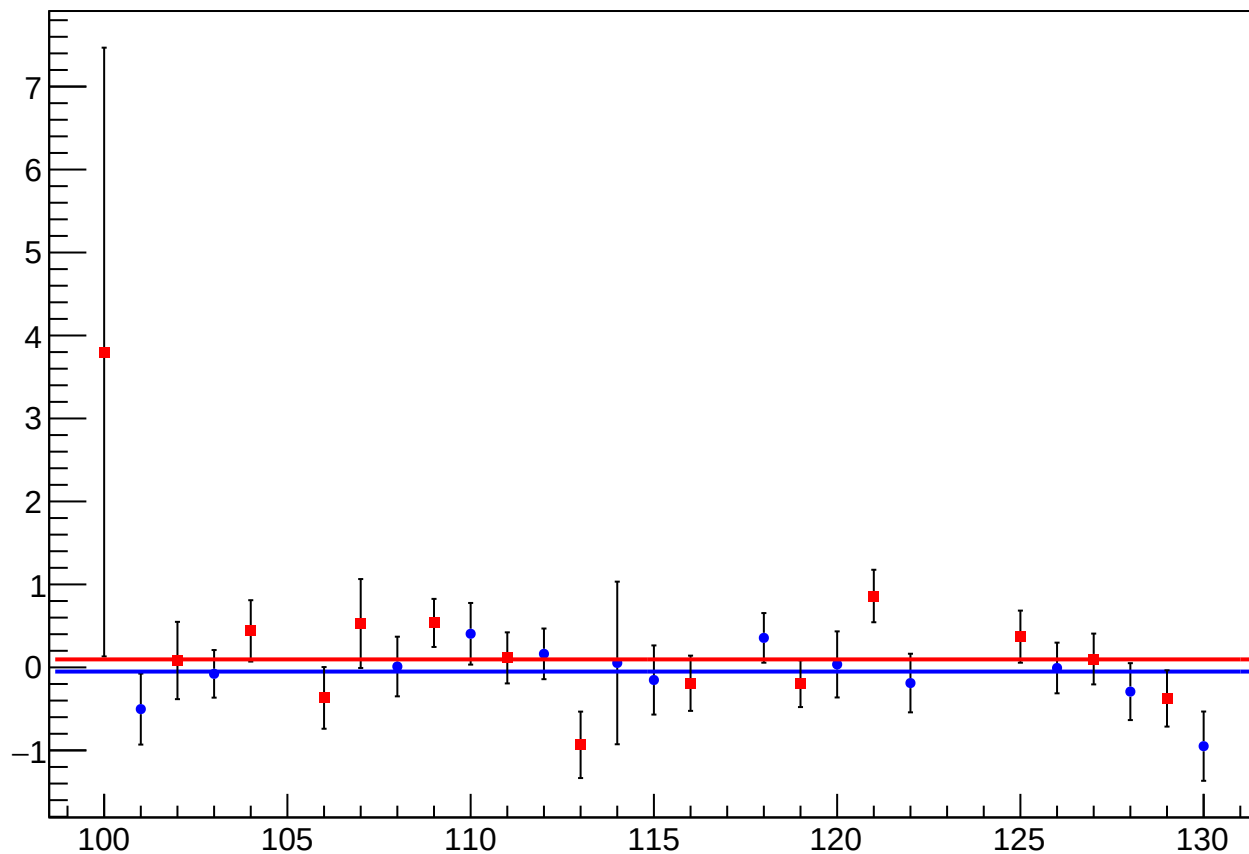
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.007+/-0.000

χ^2/NDF : 11267672.6/26

asym_atl2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.050 ± 0.100 χ^2/NDF : 10.4/12

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

Right Out: 0.096 ± 0.094 χ^2/NDF : 23.4/13

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

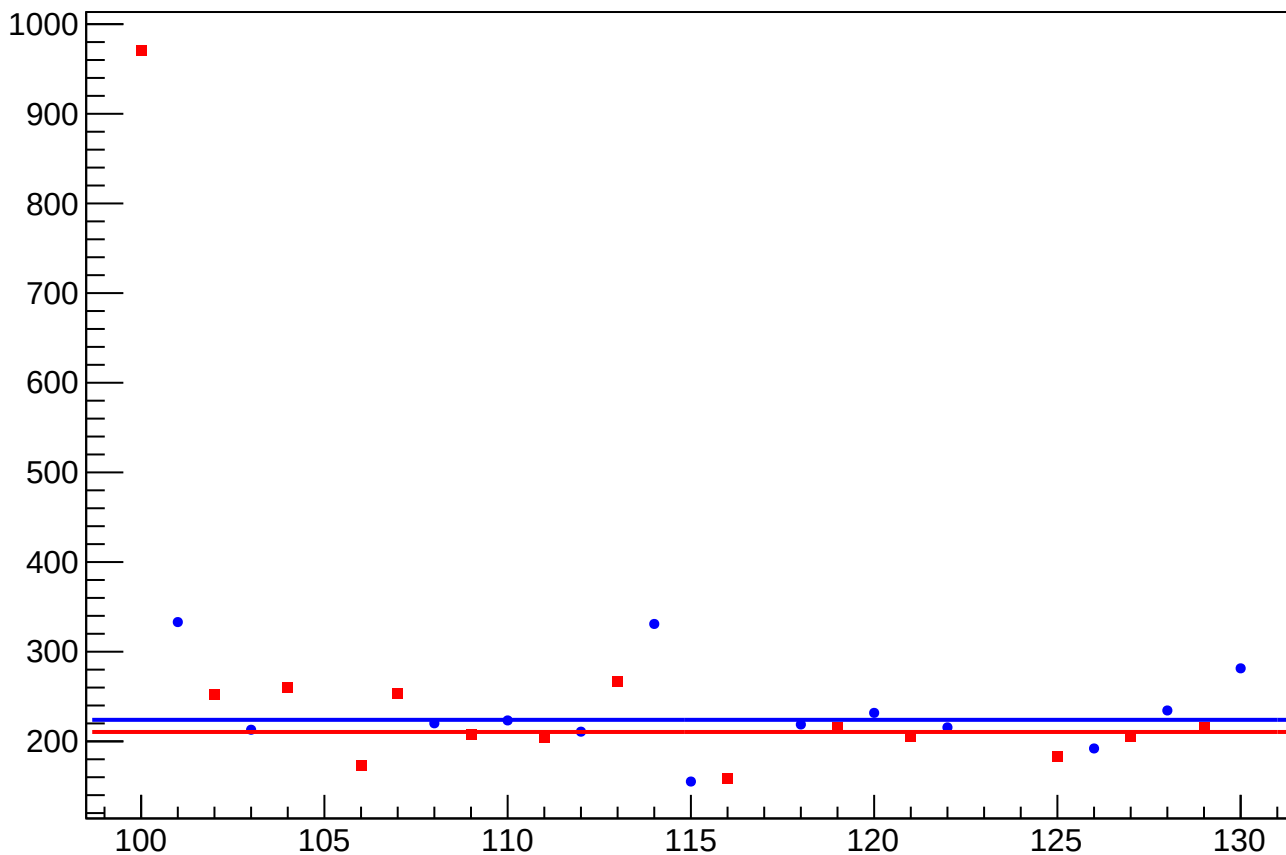
Right: 0.027 ± 0.069 χ^2/NDF : 34.9/26

In: -0.050 ± 0.100 χ^2/NDF : 10.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.027 ± 0.069 χ^2/NDF : 34.9/26

asym_atl2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 224.005 $\pm$ 0.071 χ^2 /NDF: 279360.7/12

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

Right Out: 210.467 $\pm$ 0.067 χ^2 /NDF: 275850.3/13

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

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

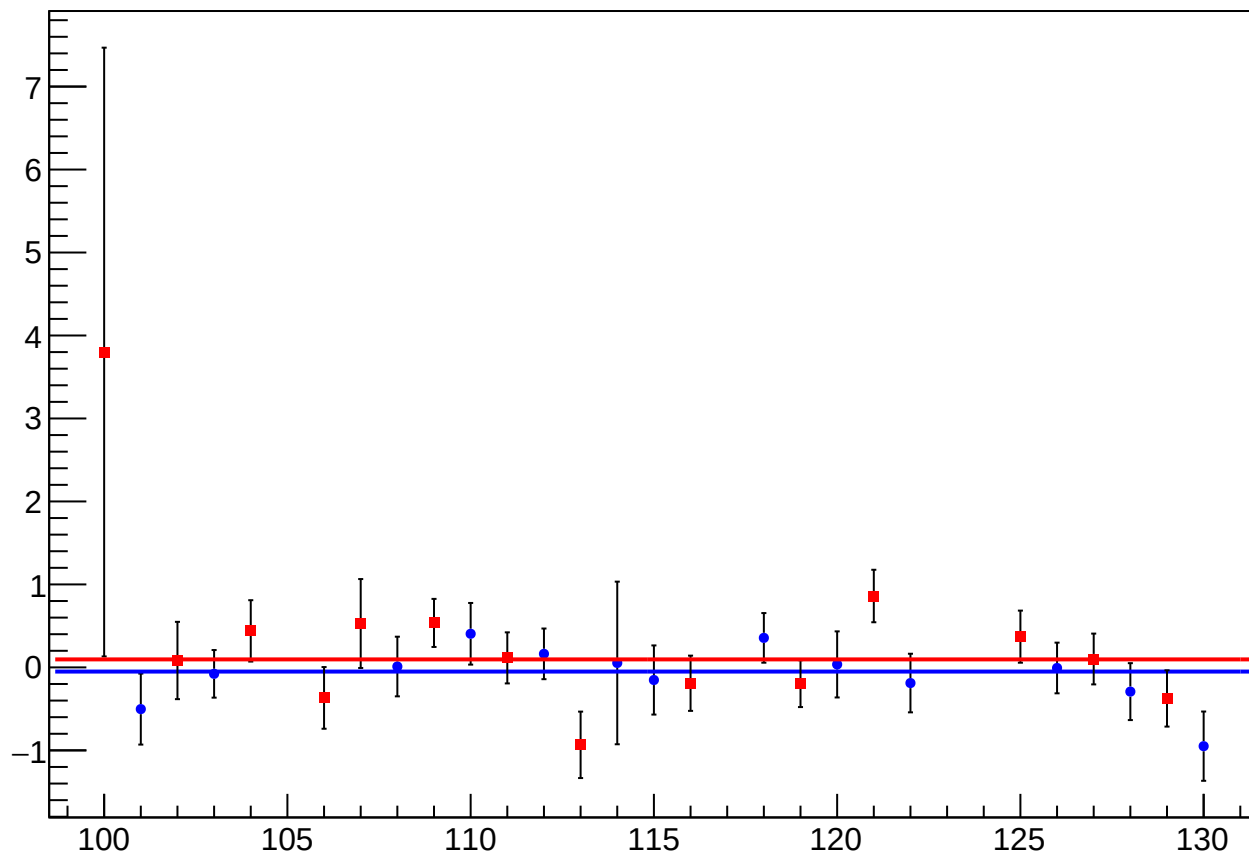
Right: 216.857 $\pm$ 0.048 χ^2 /NDF: 574680.1/26

In: 224.005 $\pm$ 0.071 χ^2 /NDF:279360.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 216.857 $\pm$ 0.048 χ^2 /NDF: 574680.1/26

asym_atl2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.050+/-0.100 χ^2/NDF : 10.4/12

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

Right Out: 0.096+/-0.094 χ^2/NDF : 23.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

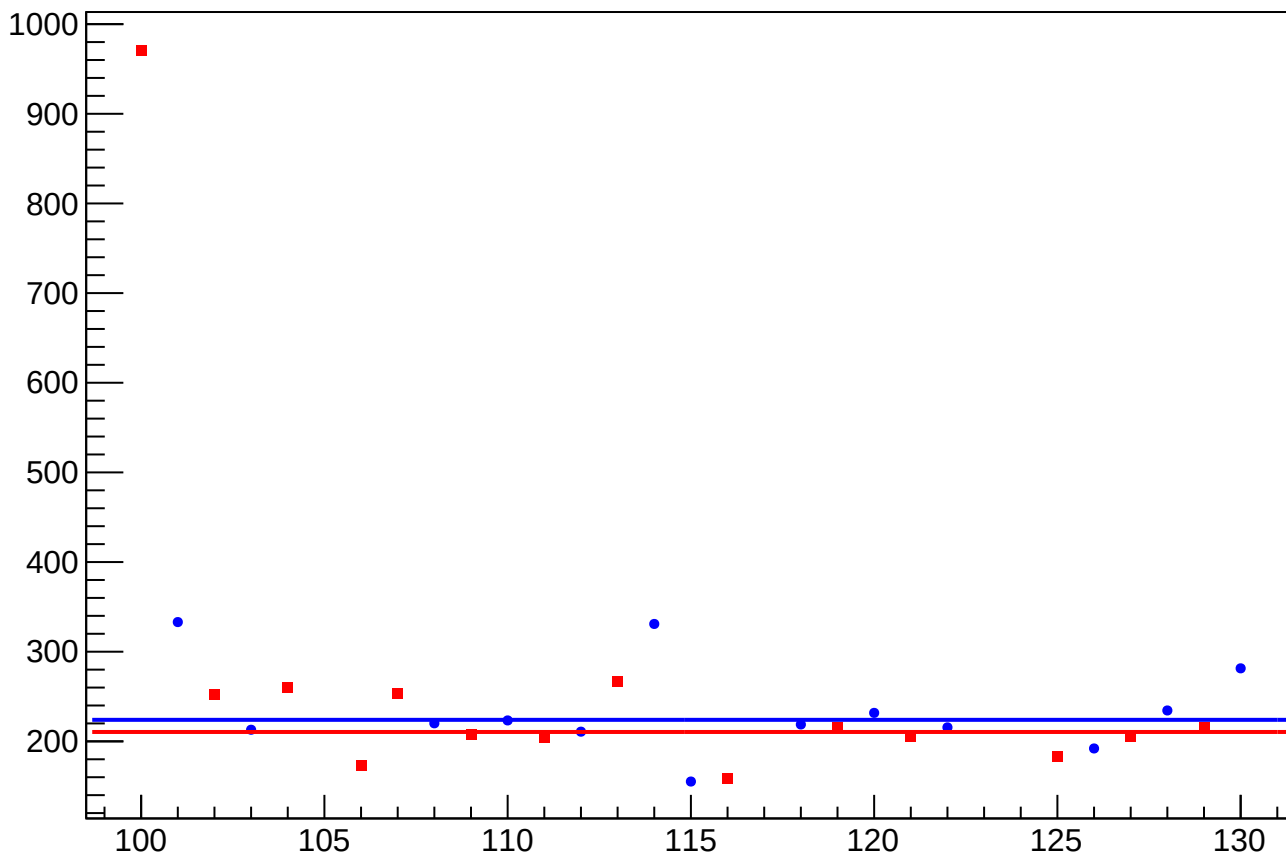
Right: 0.027+/-0.069 χ^2/NDF : 34.9/26

In: -0.050+/-0.100 χ^2/NDF : 10.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.027+/-0.069 χ^2/NDF : 34.9/26

asym_atl2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 224.005 $\pm$ 0.071 χ^2 /NDF: 279360.7/12

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

Right Out: 210.467 $\pm$ 0.067 χ^2 /NDF: 275850.3/13

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

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

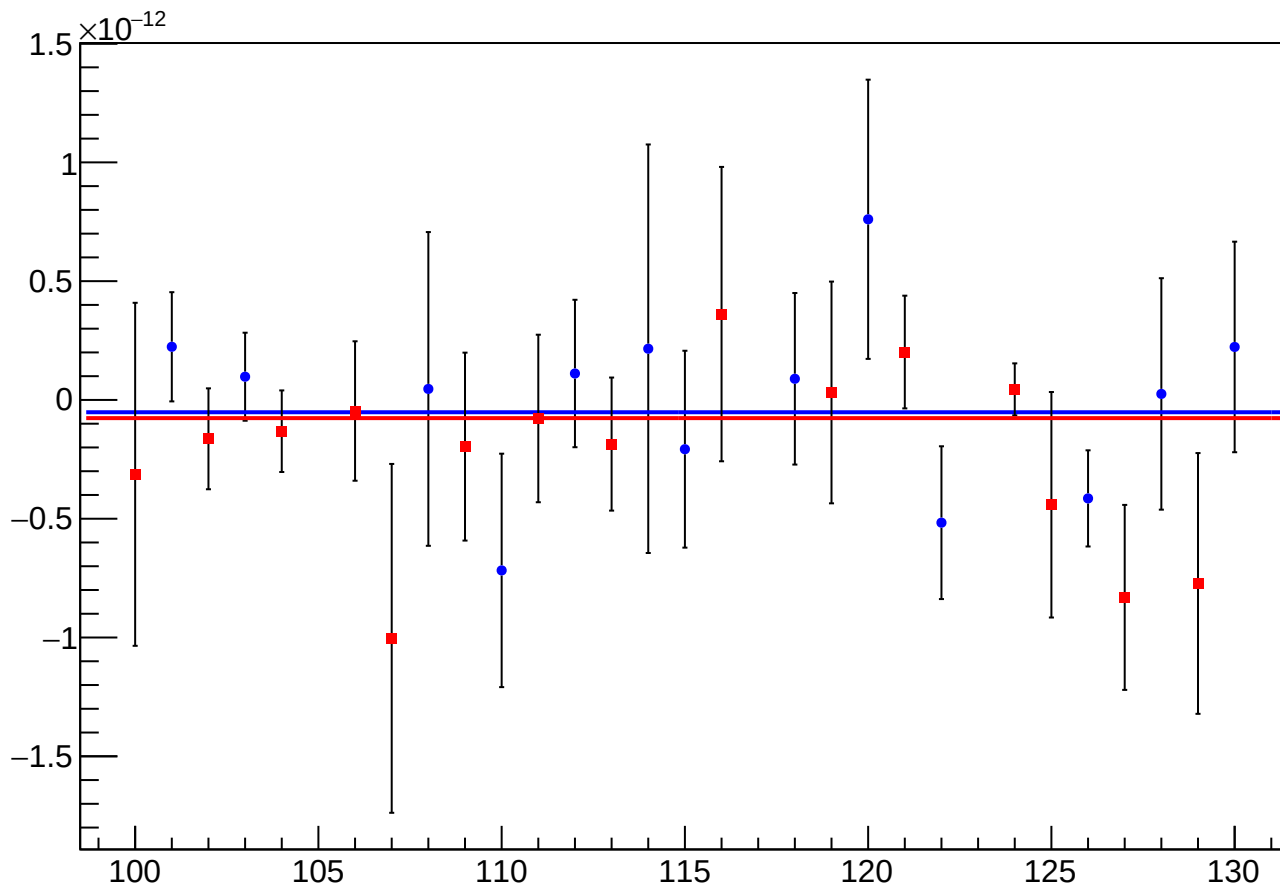
Right: 216.857 $\pm$ 0.048 χ^2 /NDF: 574680.1/26

In: 224.005 $\pm$ 0.071 χ^2 /NDF:279360.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 216.857 $\pm$ 0.048 χ^2 /NDF: 574680.1/26

asym_atl2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.2/12

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

Right Out: -0.000+/-0.000 χ^2/NDF : 11.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

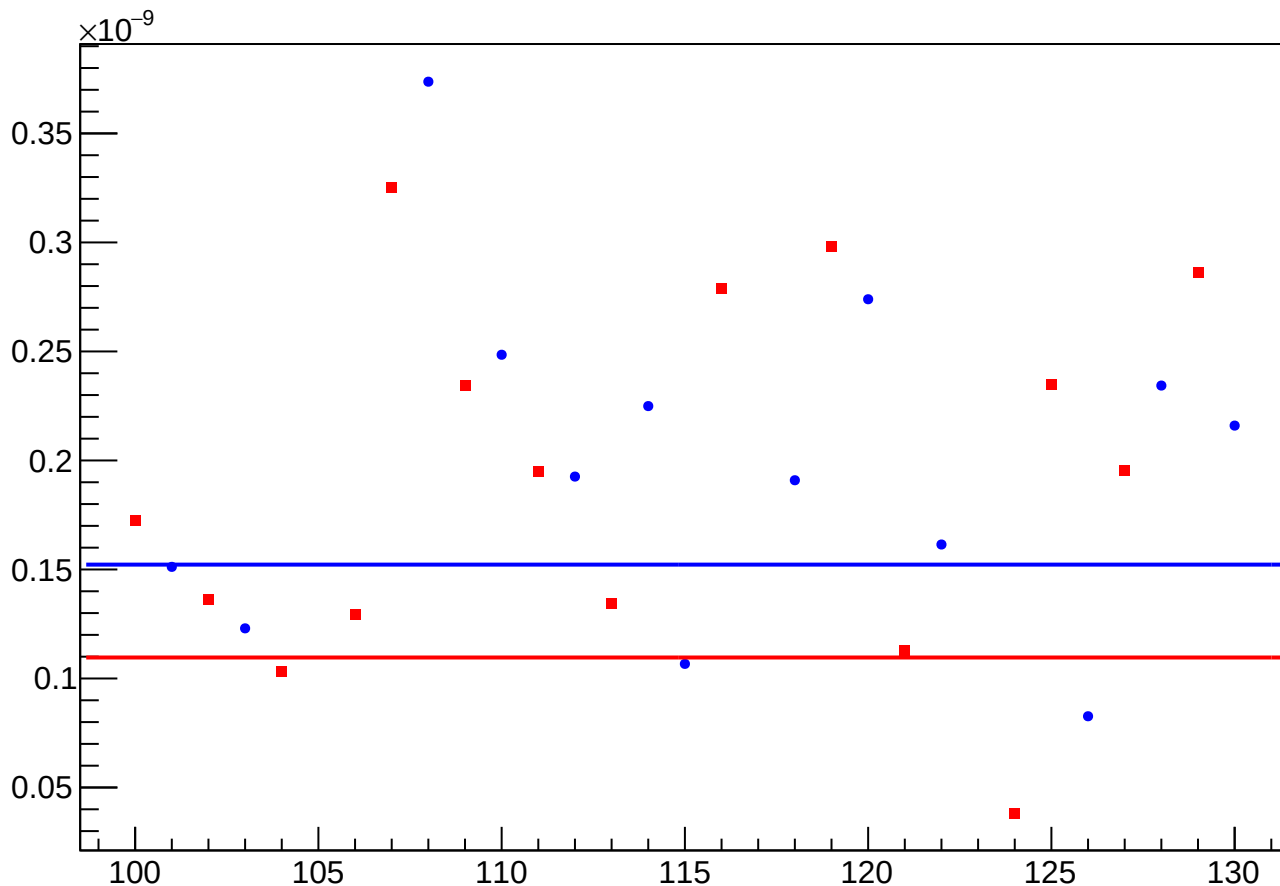
Right: -0.000+/-0.000 χ^2/NDF : 23.6/27

In: -0.000+/-0.000 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.6/27

asym_atl2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 868759.0/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2339143.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

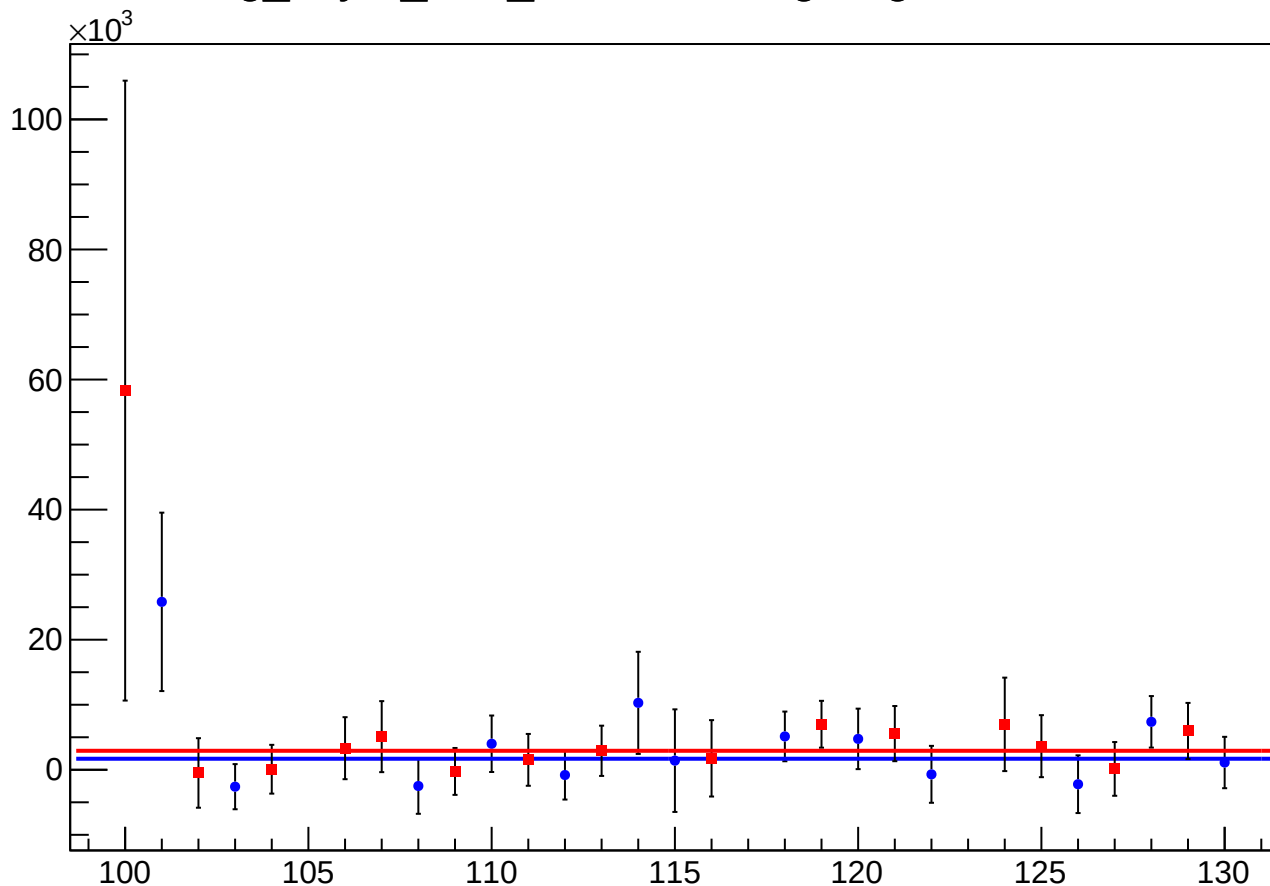
Right: 0.000+/-0.000 χ^2/NDF : 3499462.5/27

In: 0.000+/-0.000 χ^2/NDF :868759.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3499462.5/27

reg_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1697.473+/-1246.013 χ^2/NDF : 11.9/12

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

Right Out: 2920.471+/-1171.762 χ^2/NDF : 6.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

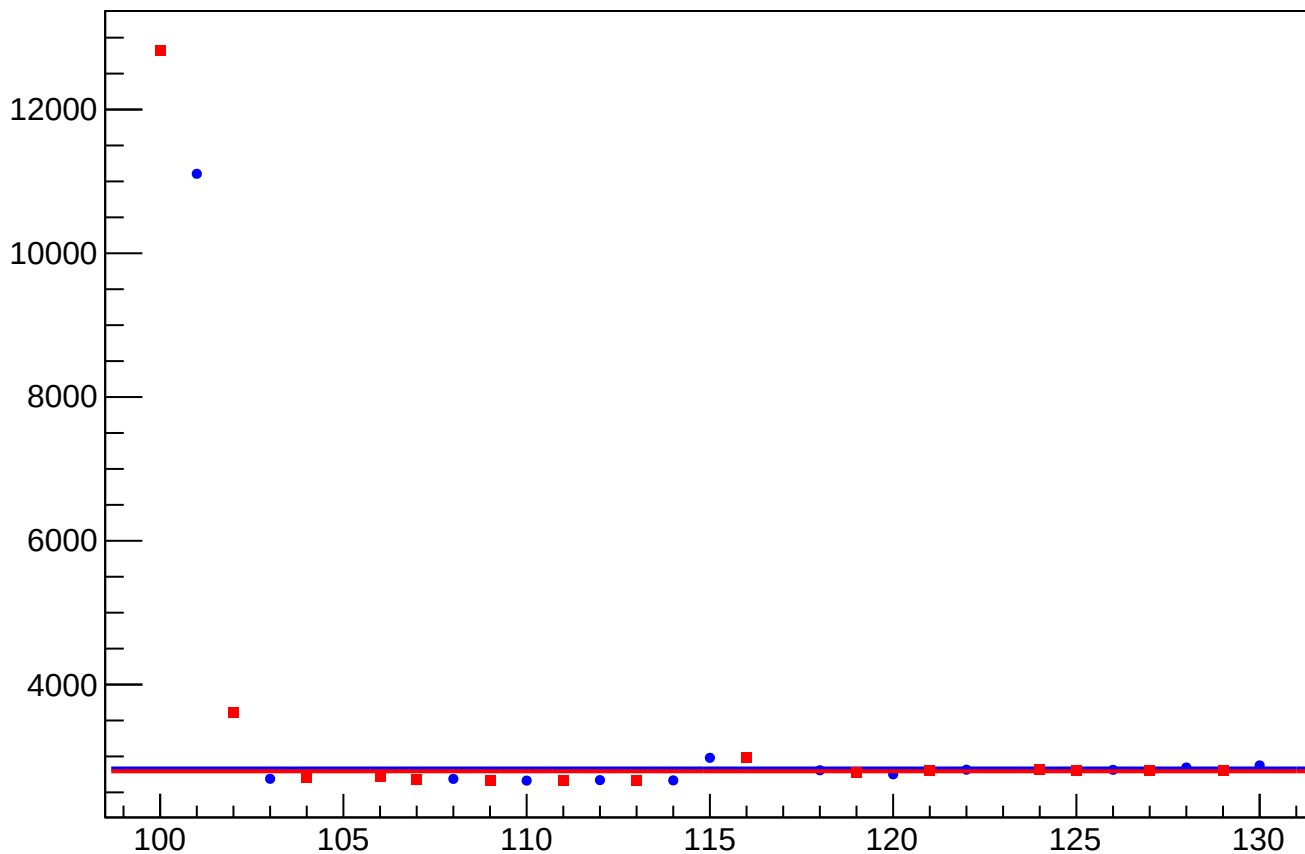
Right: 2346.495+/-853.604 χ^2/NDF : 18.8/27

In: 1697.473+/-1246.013 χ^2/NDF : 11.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2346.495+/-853.604 χ^2/NDF : 18.8/27

reg_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2832.168+/-0.881 χ^2 /NDF: 742638.0/12

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

Right Out: 2793.371+/-0.829 χ^2 /NDF: 146309.8/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

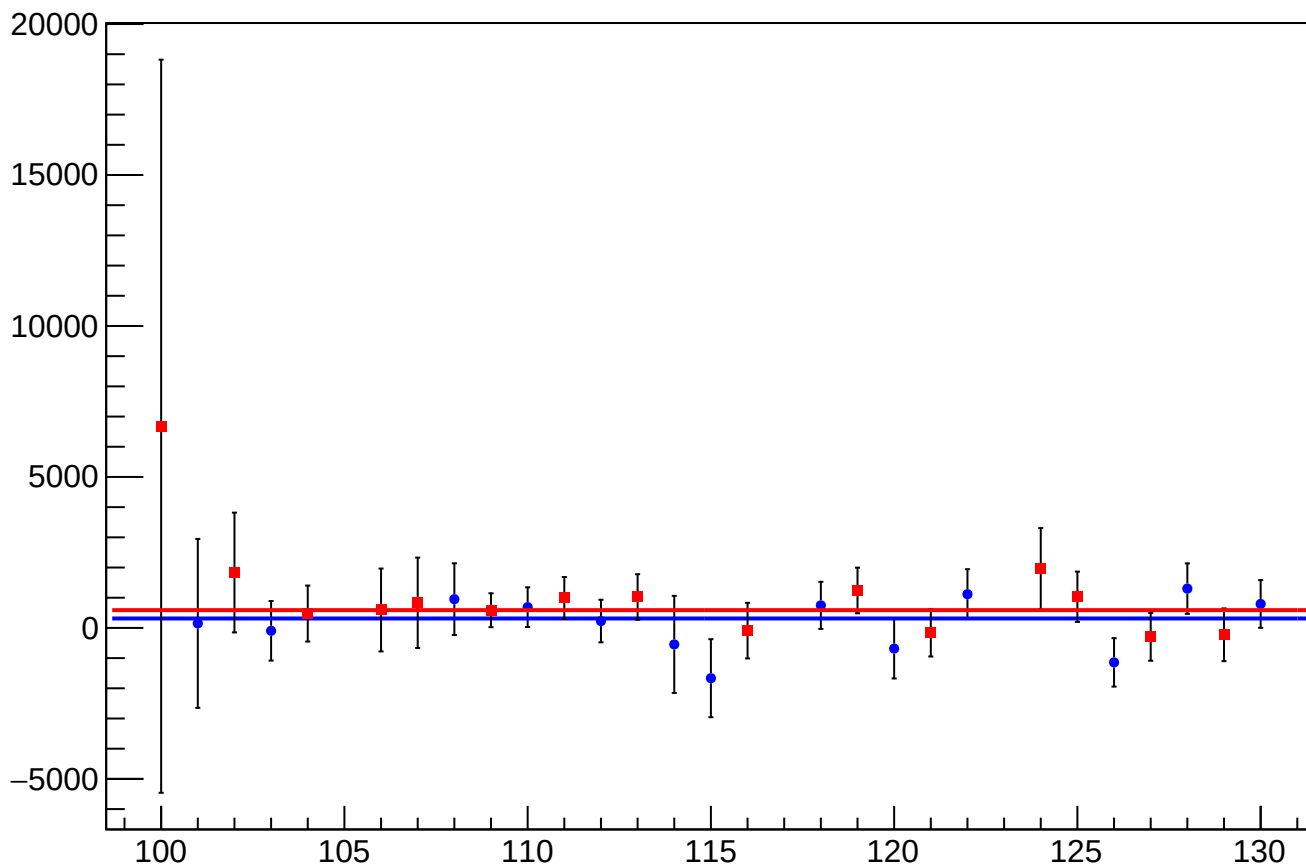
Right: 2811.579+/-0.604 χ^2 /NDF: 889976.9/27

In: 2832.168+/-0.881 χ^2 /NDF:742638.0/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2811.579+/-0.604 χ^2 /NDF: 889976.9/27

asym_atr1_reg_correction_mean vs Slug, Sign Corrected



Right In: 312.610+/-250.745 χ^2/NDF : 10.8/12

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

Right Out: 588.901+/-230.380 χ^2/NDF : 7.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

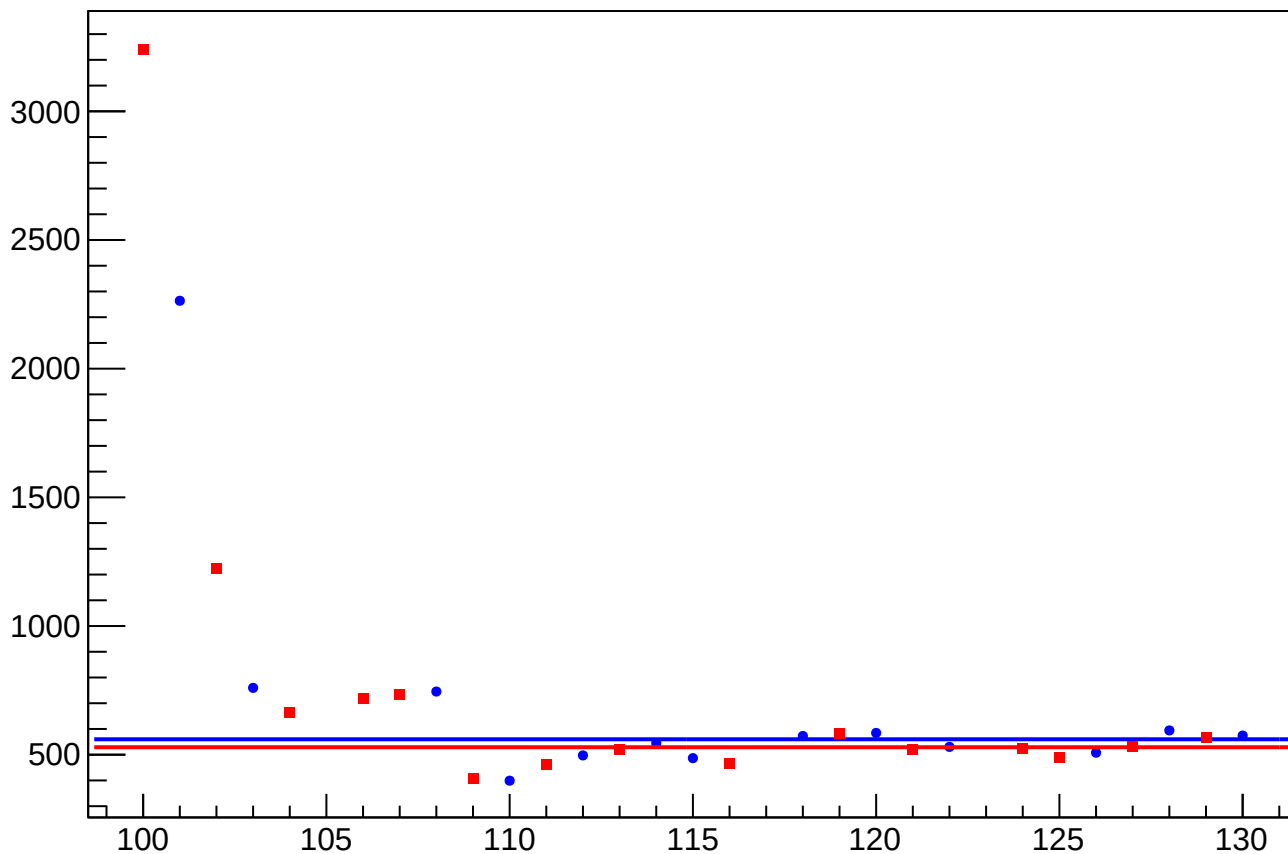
Right: 462.430+/-169.647 χ^2/NDF : 18.4/27

In: 312.610+/-250.745 χ^2/NDF : 10.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 462.430+/-169.647 χ^2/NDF : 18.4/27

asym_atr1_reg_correction_rms vs Slug, Sign Corrected



Right In: 559.946 $\pm$ 0.177 χ^2 /NDF: 1032480.0/12

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

Right Out: 528.963 $\pm$ 0.163 χ^2 /NDF: 604877.3/14

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

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

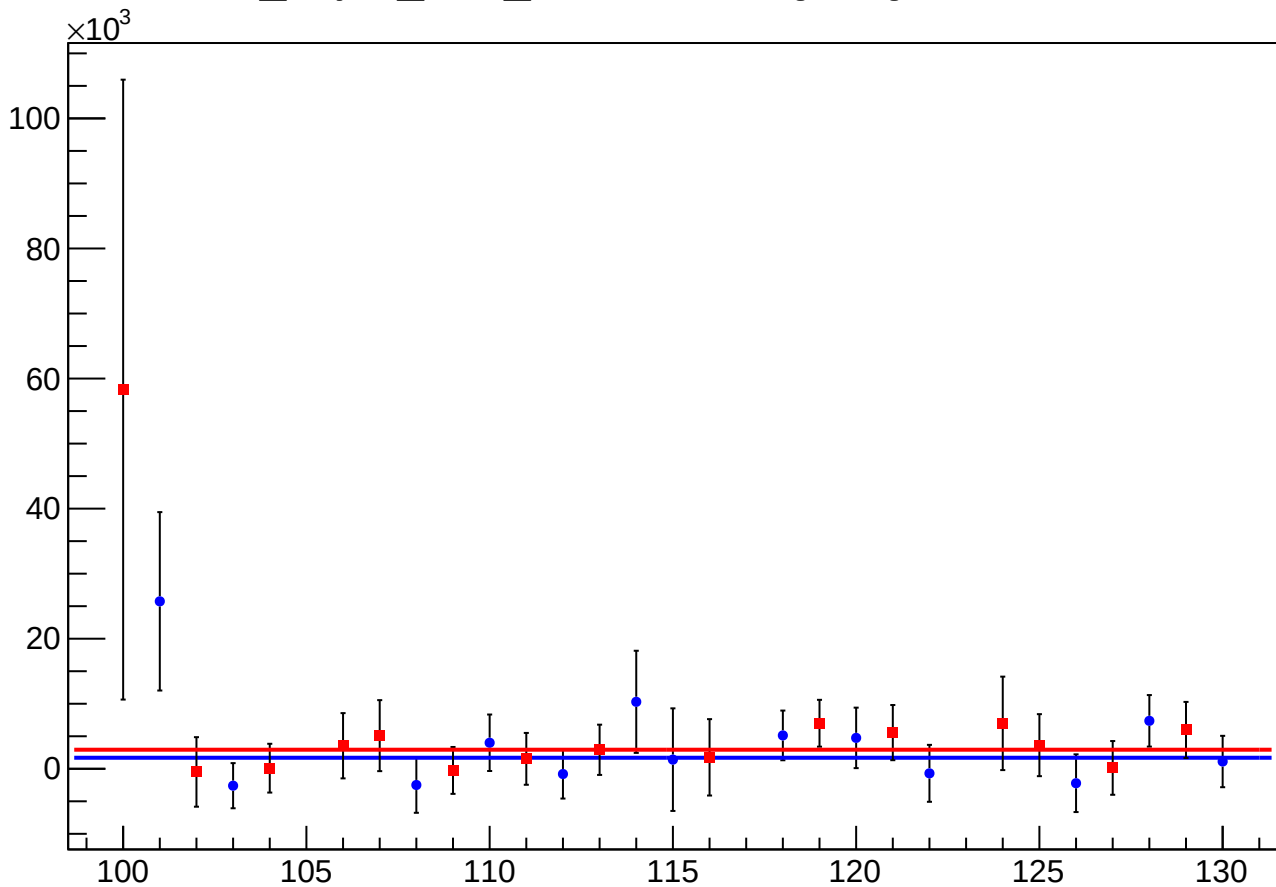
Right: 543.146 $\pm$ 0.120 χ^2 /NDF: 1653915.6/27

In: 559.946 $\pm$ 0.177 χ^2 /NDF:1032480.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 543.146 $\pm$ 0.120 χ^2 /NDF: 1653915.6/27

cor_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1696.519+/-1246.013 χ^2/NDF : 11.9/12

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

Right Out: 2931.254+/-1175.222 χ^2/NDF : 6.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

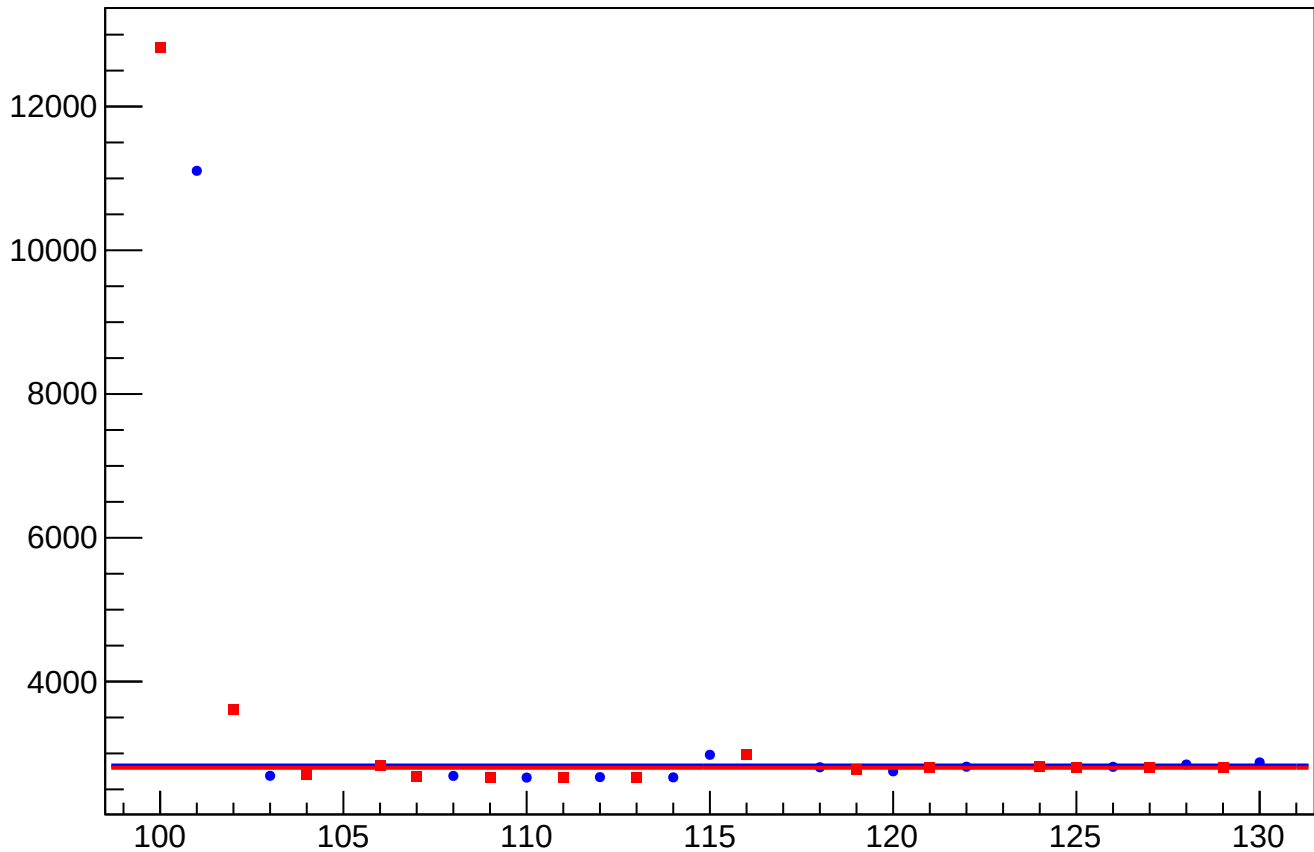
Right: 2349.956+/-854.939 χ^2/NDF : 18.8/27

In: 1696.519+/-1246.013 χ^2/NDF : 11.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2349.956+/-854.939 χ^2/NDF : 18.8/27

cor_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2832.168+/-0.881 χ^2/NDF : 742637.2/12

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

Right Out: 2800.240+/-0.831 χ^2/NDF : 145949.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

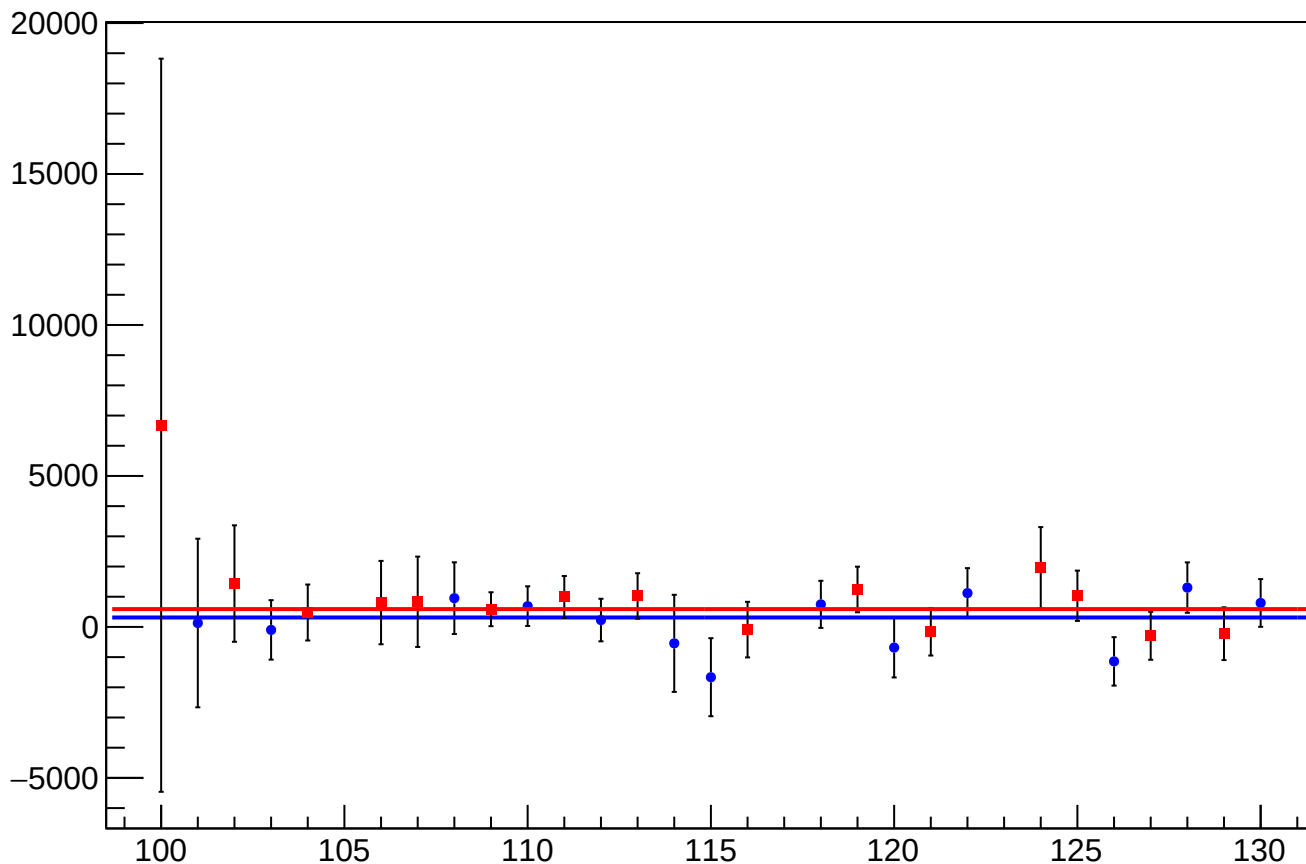
Right: 2815.272+/-0.605 χ^2/NDF : 889282.1/27

In: 2832.168+/-0.881 χ^2/NDF : 742637.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2815.272+/-0.605 χ^2/NDF : 889282.1/27

asym_atr1_cor_correction_mean vs Slug, Sign Corrected



Right In: 312.536+/-250.737 χ^2/NDF : 10.8/12

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

Right Out: 590.176+/-230.323 χ^2/NDF : 6.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

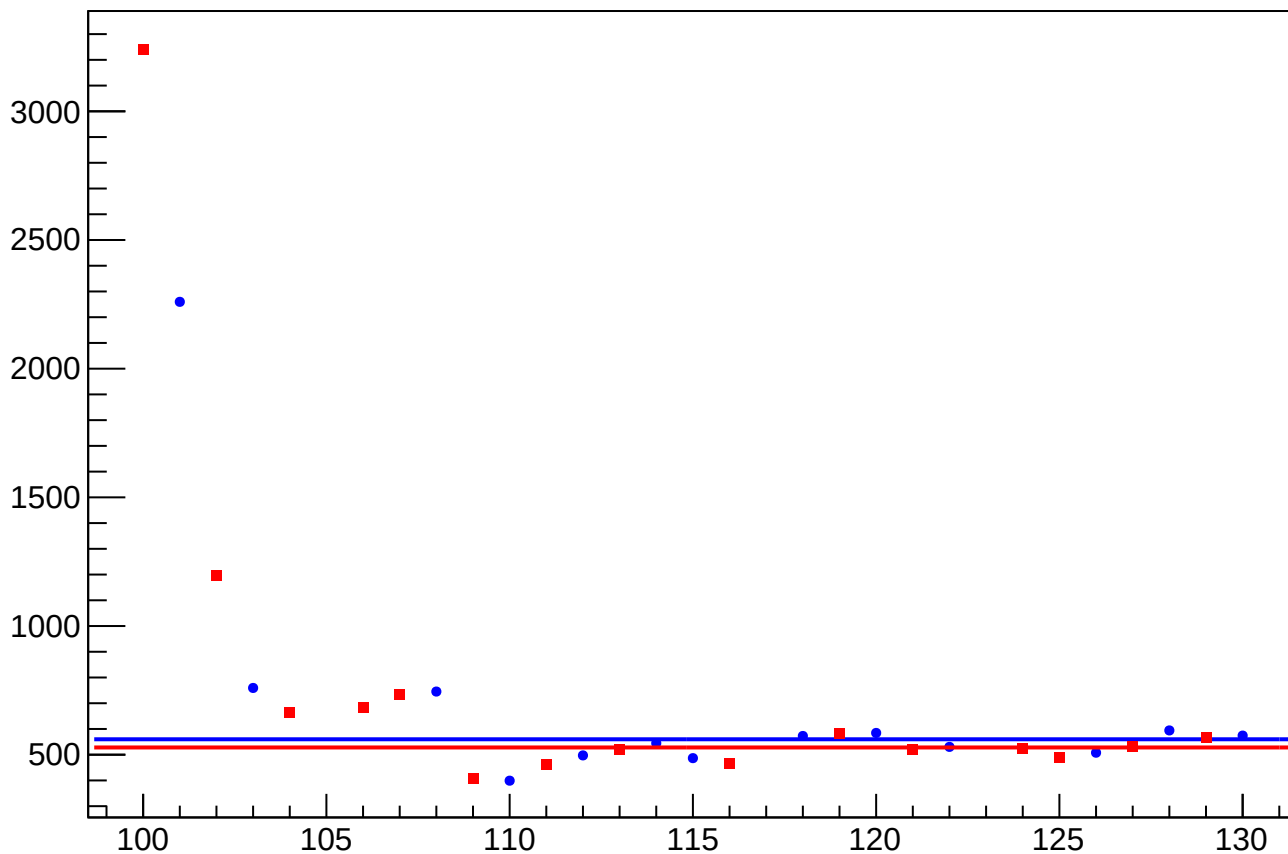
Right: 463.116+/-169.621 χ^2/NDF : 18.3/27

In: 312.536+/-250.737 χ^2/NDF : 10.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 463.116+/-169.621 χ^2/NDF : 18.3/27

asym_atr1_cor_correction_rms vs Slug, Sign Corrected



Right In: 559.959+/-0.177 χ^2/NDF : 1031489.6/12

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

Right Out: 528.123+/-0.163 χ^2/NDF : 588031.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

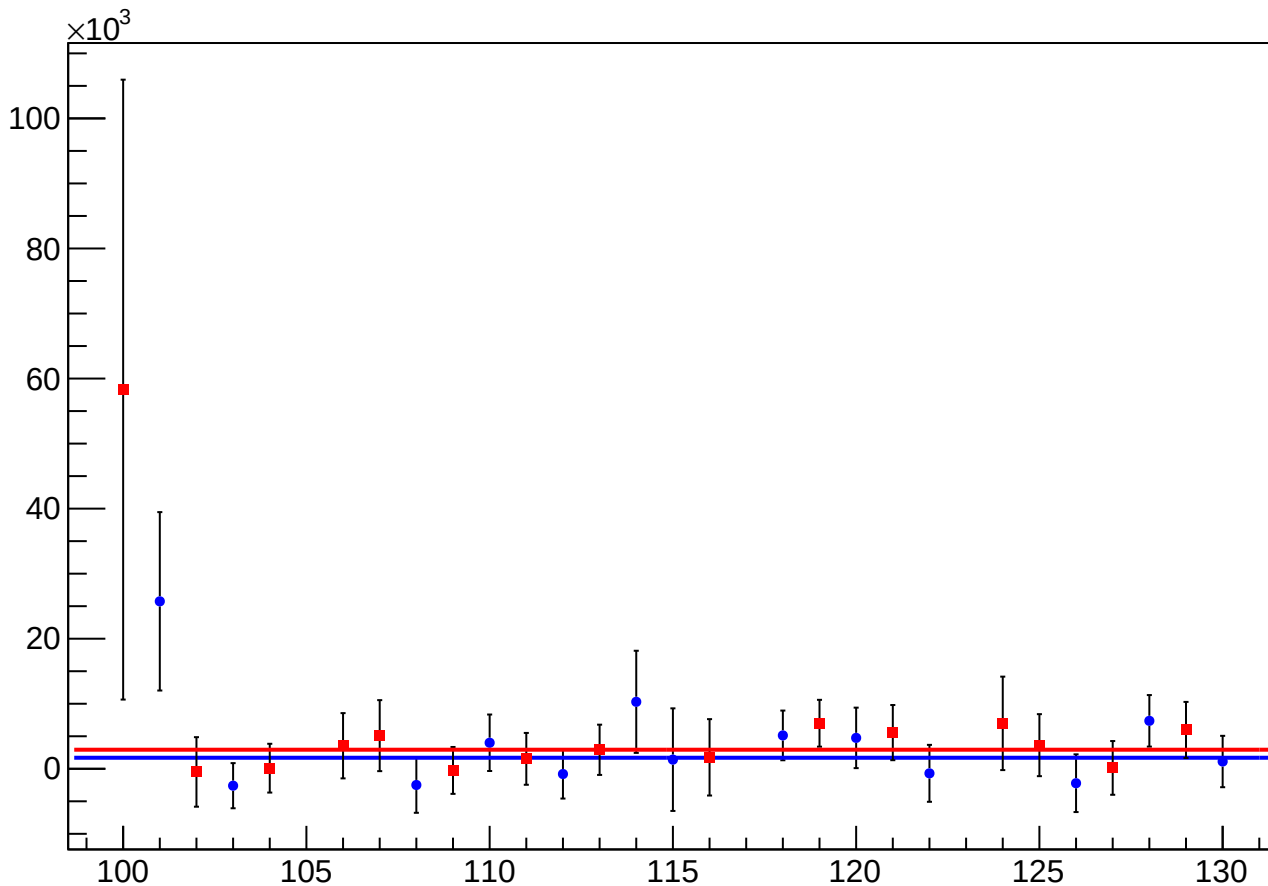
Right: 542.693+/-0.120 χ^2/NDF : 1637009.1/27

In: 559.959+/-0.177 χ^2/NDF : 1031489.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 542.693+/-0.120 χ^2/NDF : 1637009.1/27

eigen_cor_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1696.519+/-1246.013 χ^2/NDF : 11.9/12

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

Right Out: 2931.254+/-1175.222 χ^2/NDF : 6.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

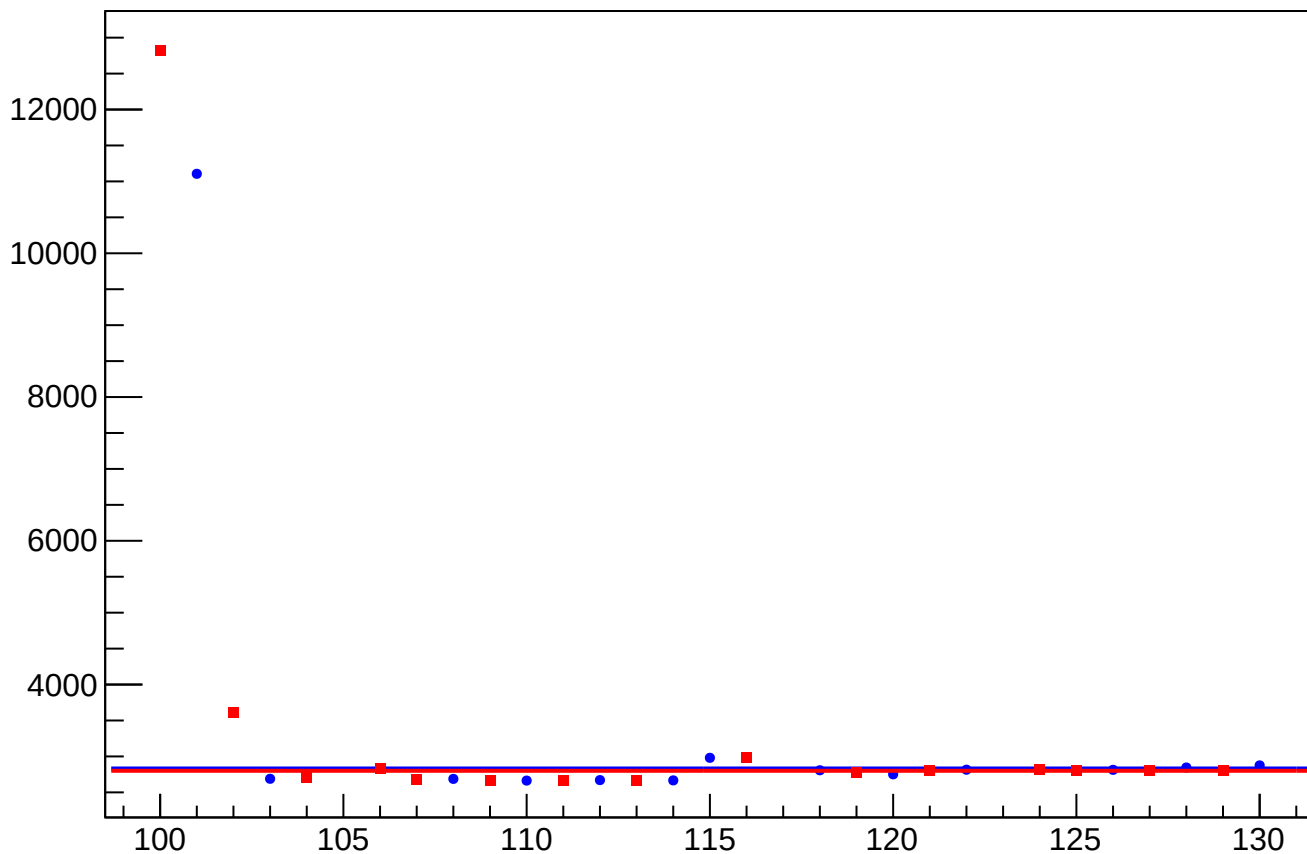
Right: 2349.956+/-854.939 χ^2/NDF : 18.8/27

In: 1696.519+/-1246.013 χ^2/NDF : 11.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2349.956+/-854.939 χ^2/NDF : 18.8/27

eigen_cor_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2832.168+/-0.881 χ^2/NDF : 742637.2/12

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

Right Out: 2800.240+/-0.831 χ^2/NDF : 145949.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

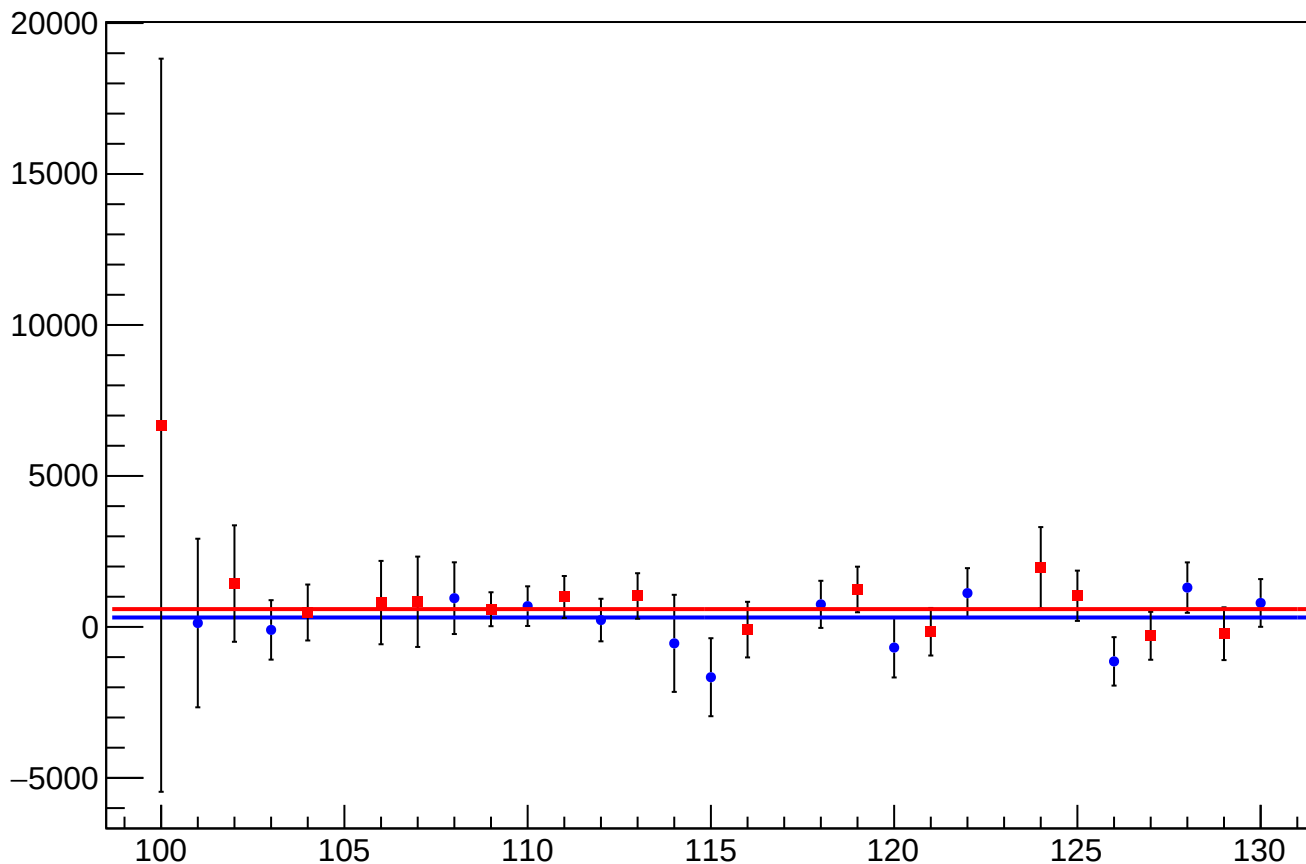
Right: 2815.272+/-0.605 χ^2/NDF : 889282.1/27

In: 2832.168+/-0.881 χ^2/NDF : 742637.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2815.272+/-0.605 χ^2/NDF : 889282.1/27

asym_atr1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 312.536+/-250.737 χ^2/NDF : 10.8/12

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

Right Out: 590.176+/-230.323 χ^2/NDF : 6.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

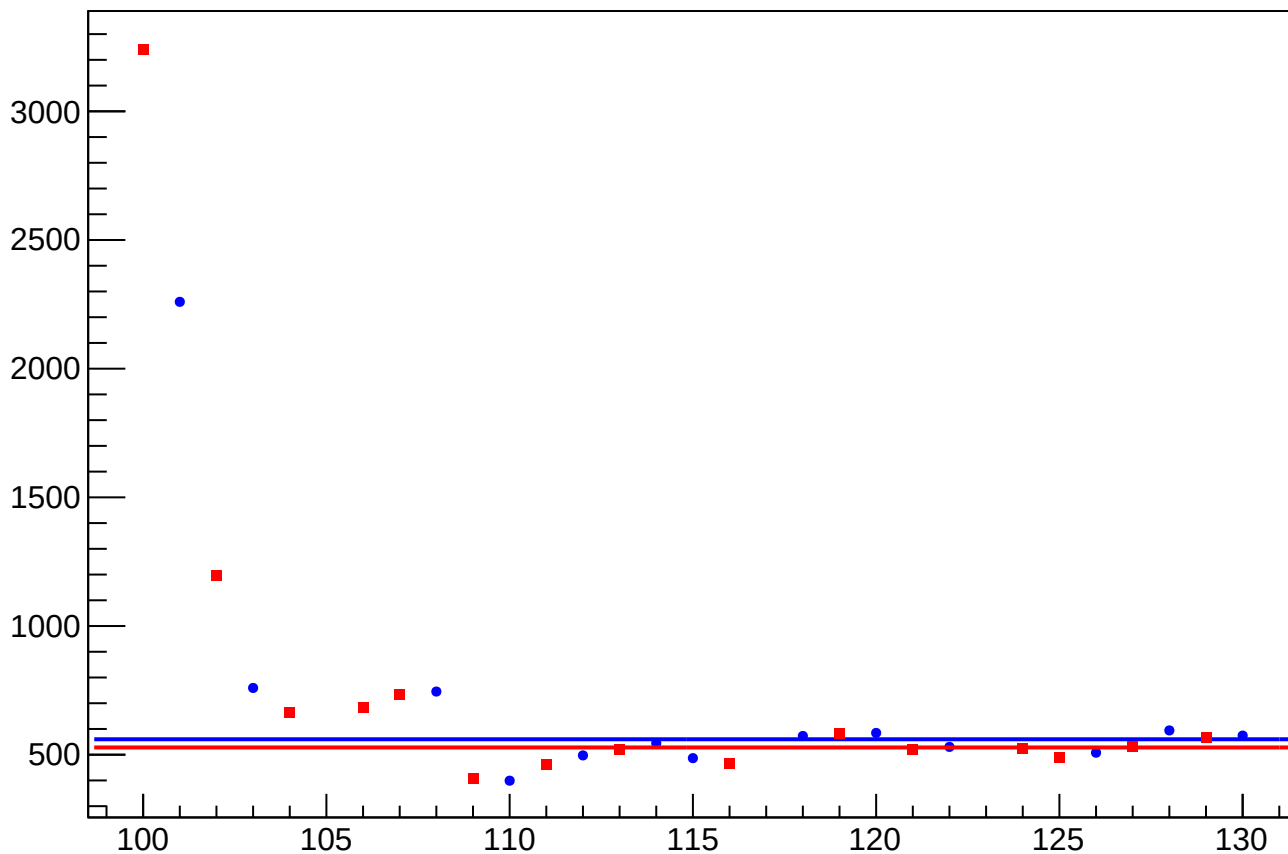
Right: 463.116+/-169.621 χ^2/NDF : 18.3/27

In: 312.536+/-250.737 χ^2/NDF : 10.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 463.116+/-169.621 χ^2/NDF : 18.3/27

asym_atr1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 559.959+/-0.177 χ^2/NDF : 1031489.6/12

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

Right Out: 528.123+/-0.163 χ^2/NDF : 588031.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

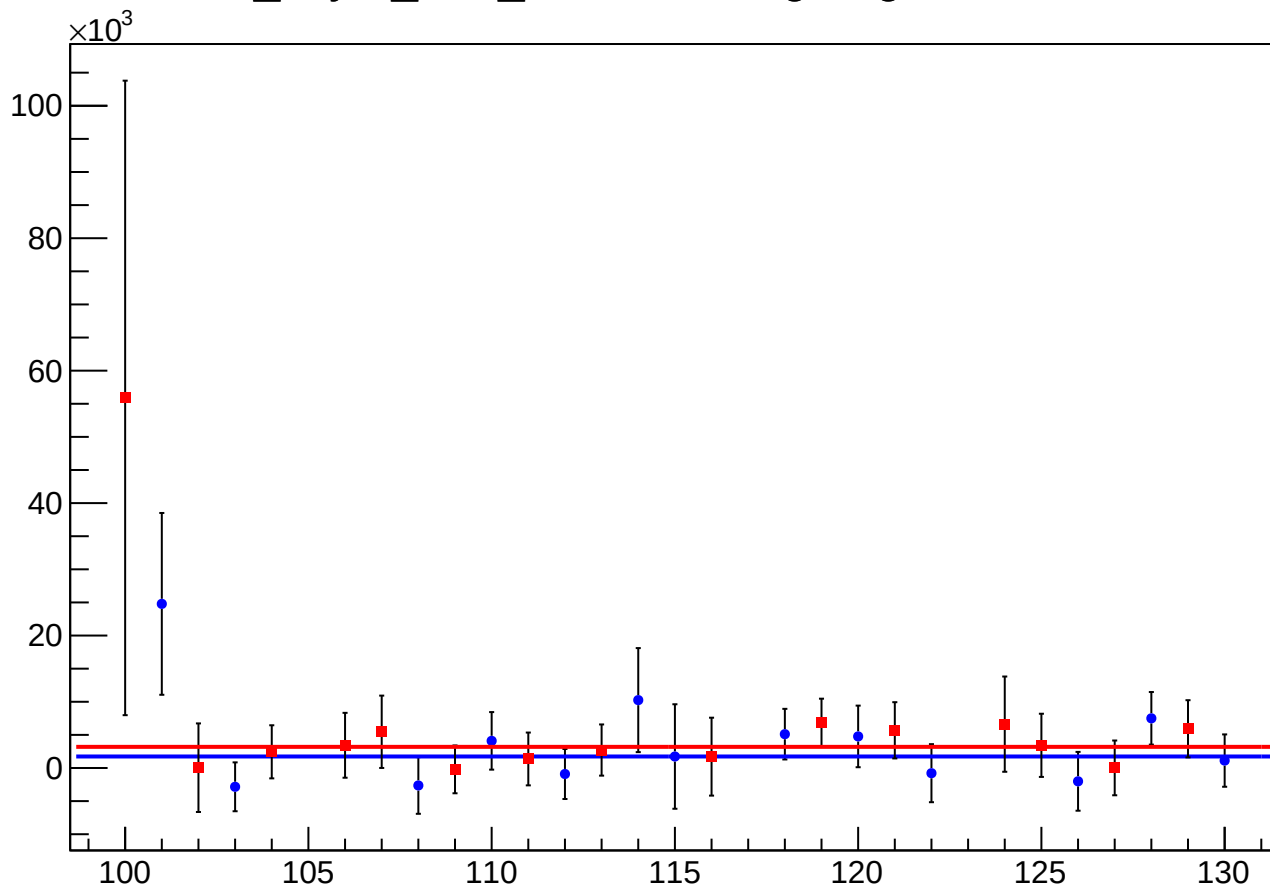
Right: 542.693+/-0.120 χ^2/NDF : 1637009.1/27

In: 559.959+/-0.177 χ^2/NDF : 1031489.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 542.693+/-0.120 χ^2/NDF : 1637009.1/27

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1738.129+/-1256.231 χ^2/NDF : 11.7/12

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

Right Out: 3192.481+/-1192.189 χ^2/NDF : 5.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

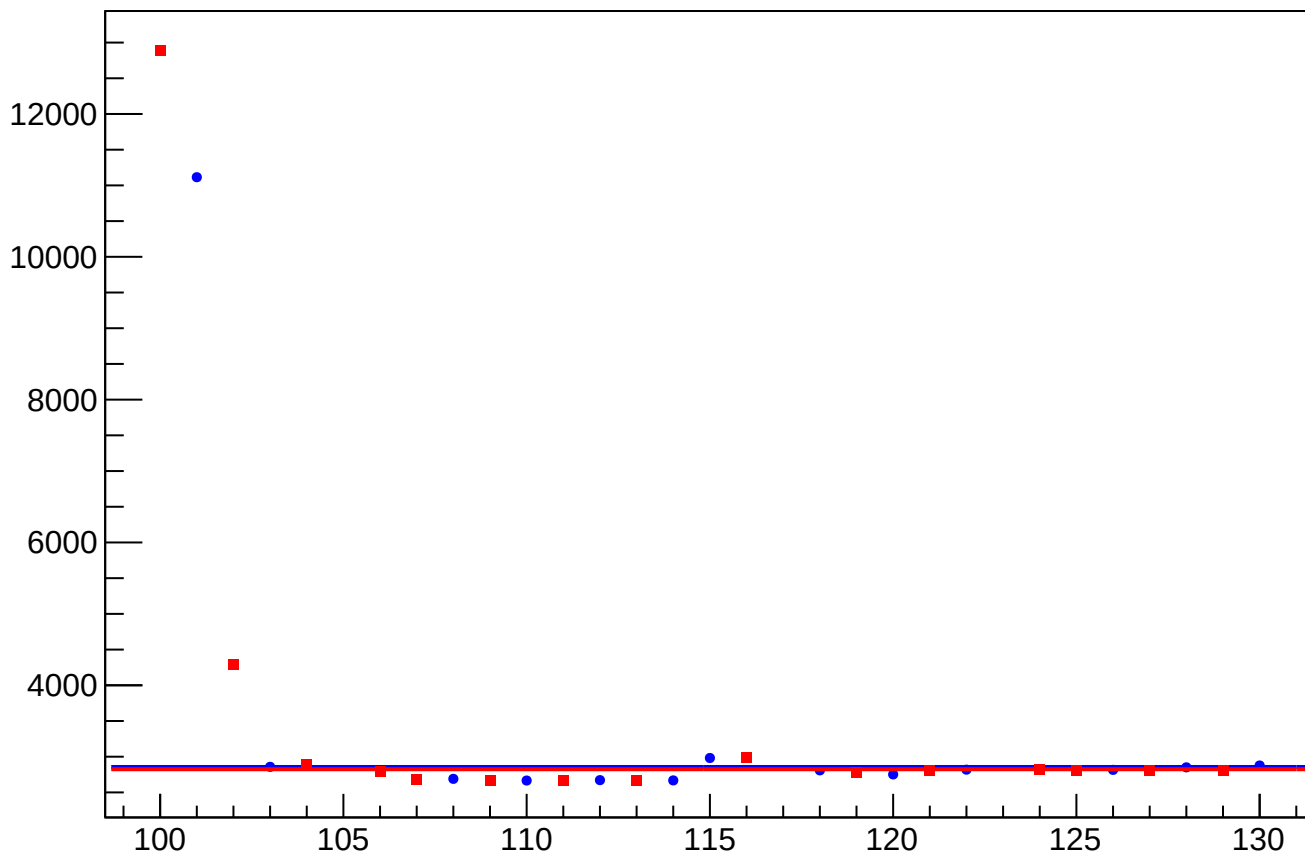
Right: 2503.320+/-864.759 χ^2/NDF : 17.9/27

In: 1738.129+/-1256.231 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2503.320+/-864.759 χ^2/NDF : 17.9/27

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2855.892+/-0.888 χ^2/NDF : 738799.5/12

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

Right Out: 2824.444+/-0.843 χ^2/NDF : 199326.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

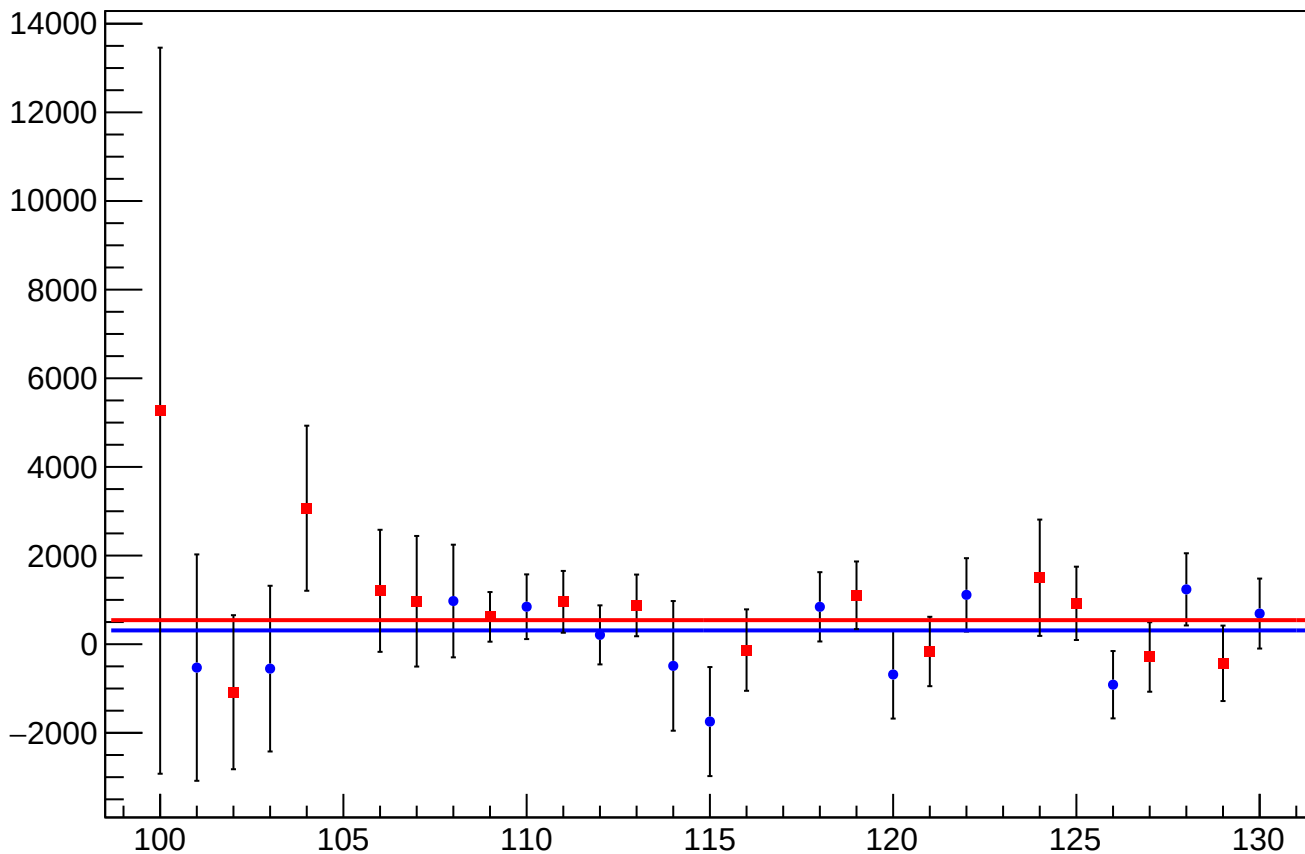
Right: 2839.346+/-0.611 χ^2/NDF : 938785.1/27

In: 2855.892+/-0.888 χ^2/NDF : 738799.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2839.346+/-0.611 χ^2/NDF : 938785.1/27

asym_atr1_dit_correction_mean vs Slug, Sign Corrected



Right In: 311.113+/-255.921 χ^2/NDF : 10.8/12

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

Right Out: 542.736+/-232.392 χ^2/NDF : 9.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

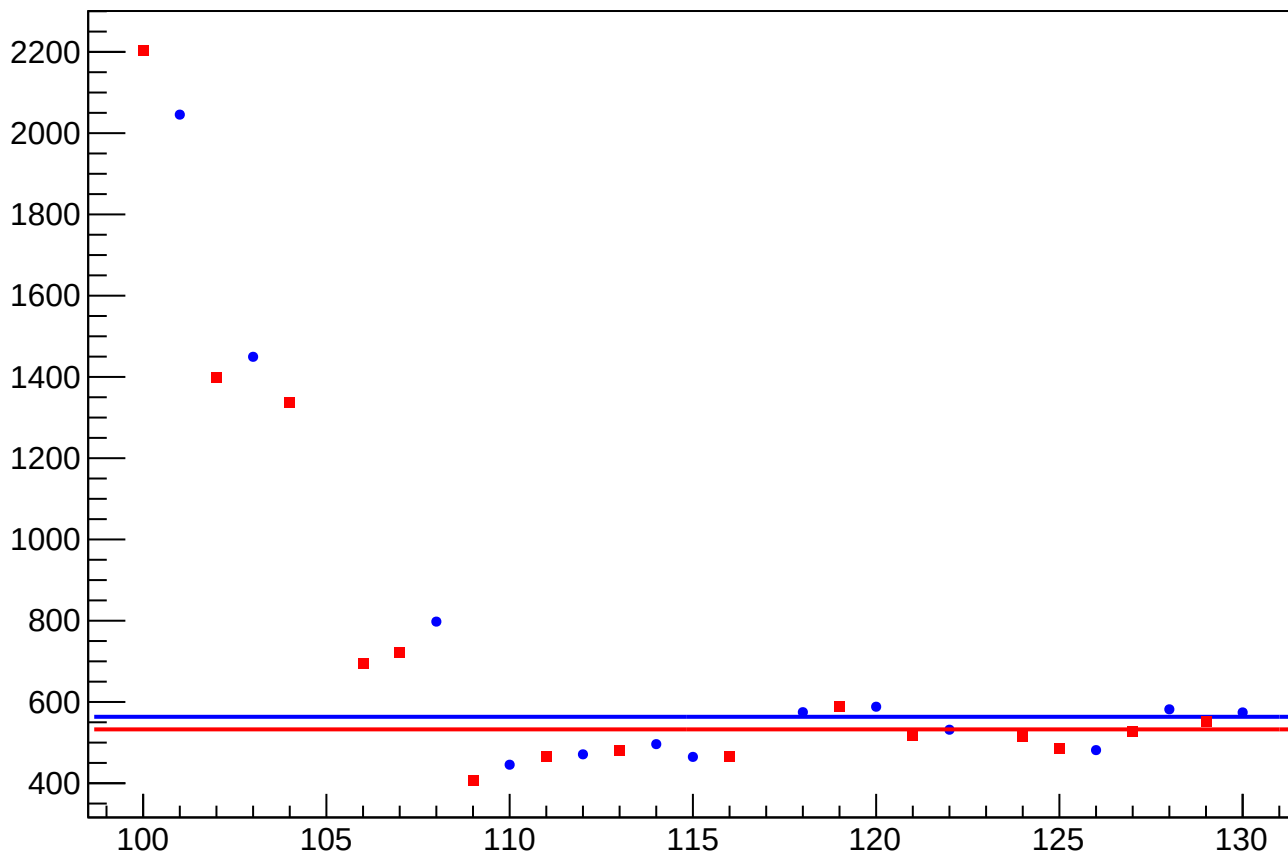
Right: 438.059+/-172.044 χ^2/NDF : 20.3/27

In: 311.113+/-255.921 χ^2/NDF :10.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 438.059+/-172.044 χ^2/NDF : 20.3/27

asym_atr1_dit_correction_rms vs Slug, Sign Corrected



Right In: 563.516+/-0.181 χ^2/NDF : 1327754.7/12

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

Right Out: 532.555+/-0.164 χ^2/NDF : 1175034.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

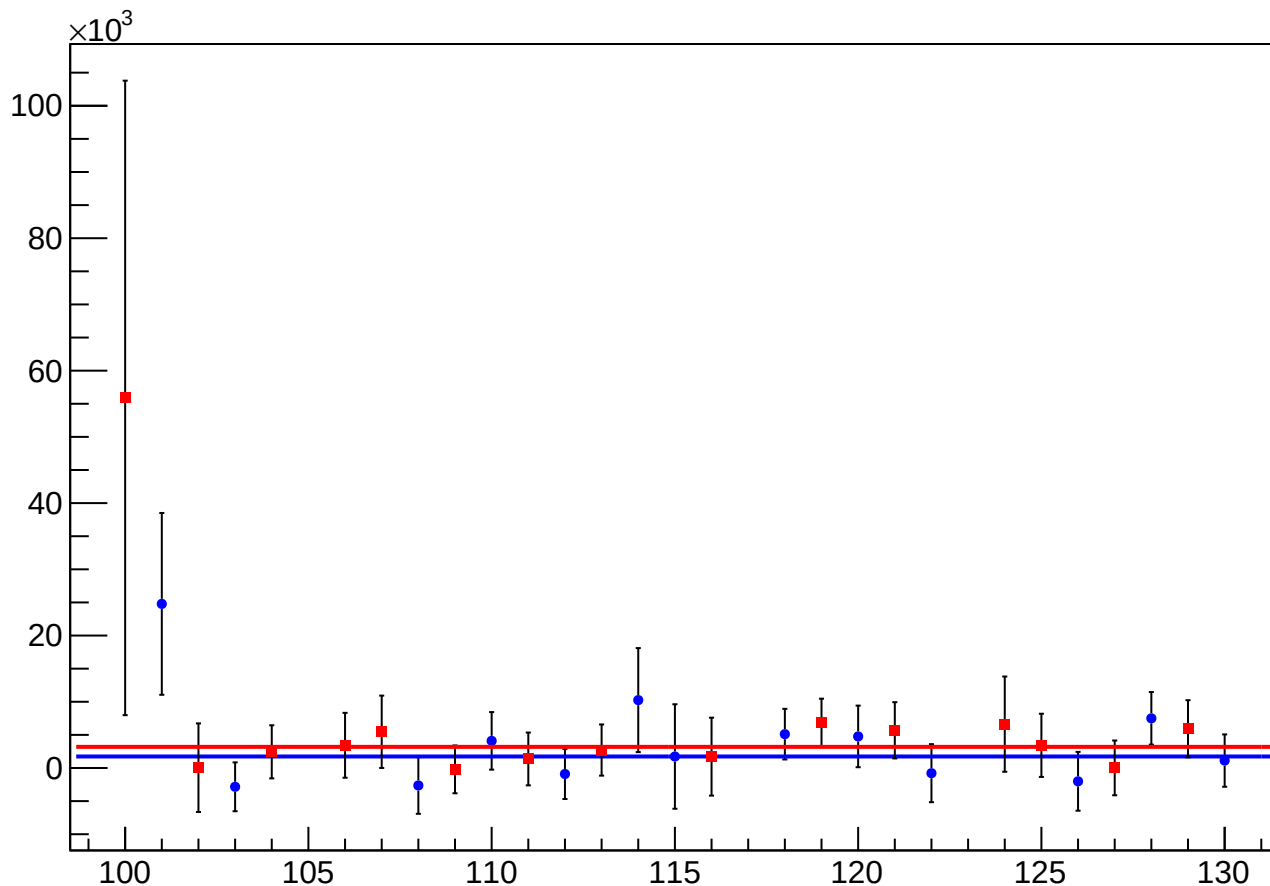
Right: 546.547+/-0.122 χ^2/NDF : 2518832.4/27

In: 563.516+/-0.181 χ^2/NDF : 1327754.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 546.547+/-0.122 χ^2/NDF : 2518832.4/27

eigen_dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1738.129+/-1256.231 χ^2/NDF : 11.7/12

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

Right Out: 3192.480+/-1192.189 χ^2/NDF : 5.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

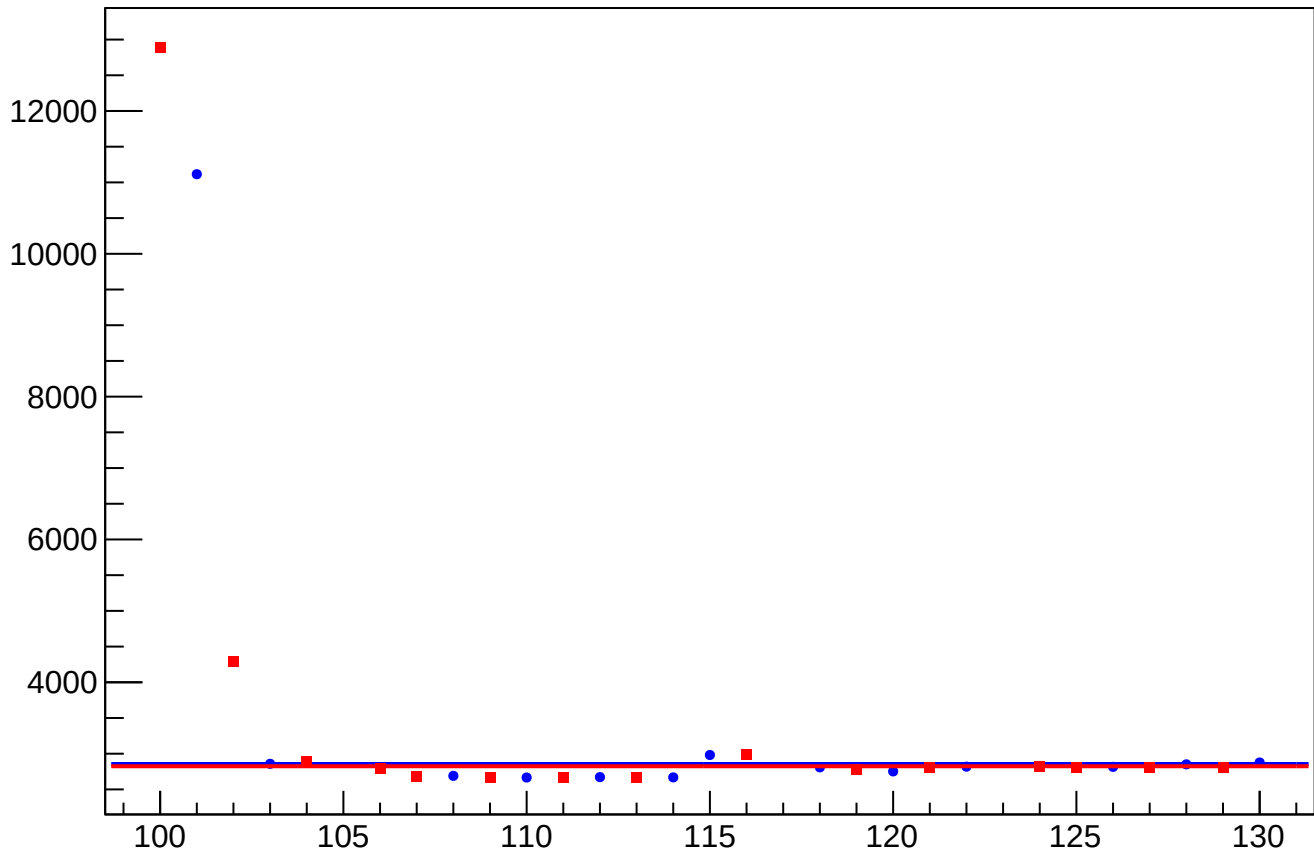
Right: 2503.319+/-864.759 χ^2/NDF : 17.9/27

In: 1738.129+/-1256.231 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2503.319+/-864.759 χ^2/NDF : 17.9/27

eigen_dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2855.891+/-0.888 χ^2/NDF : 738799.5/12

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

Right Out: 2824.444+/-0.843 χ^2/NDF : 199326.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

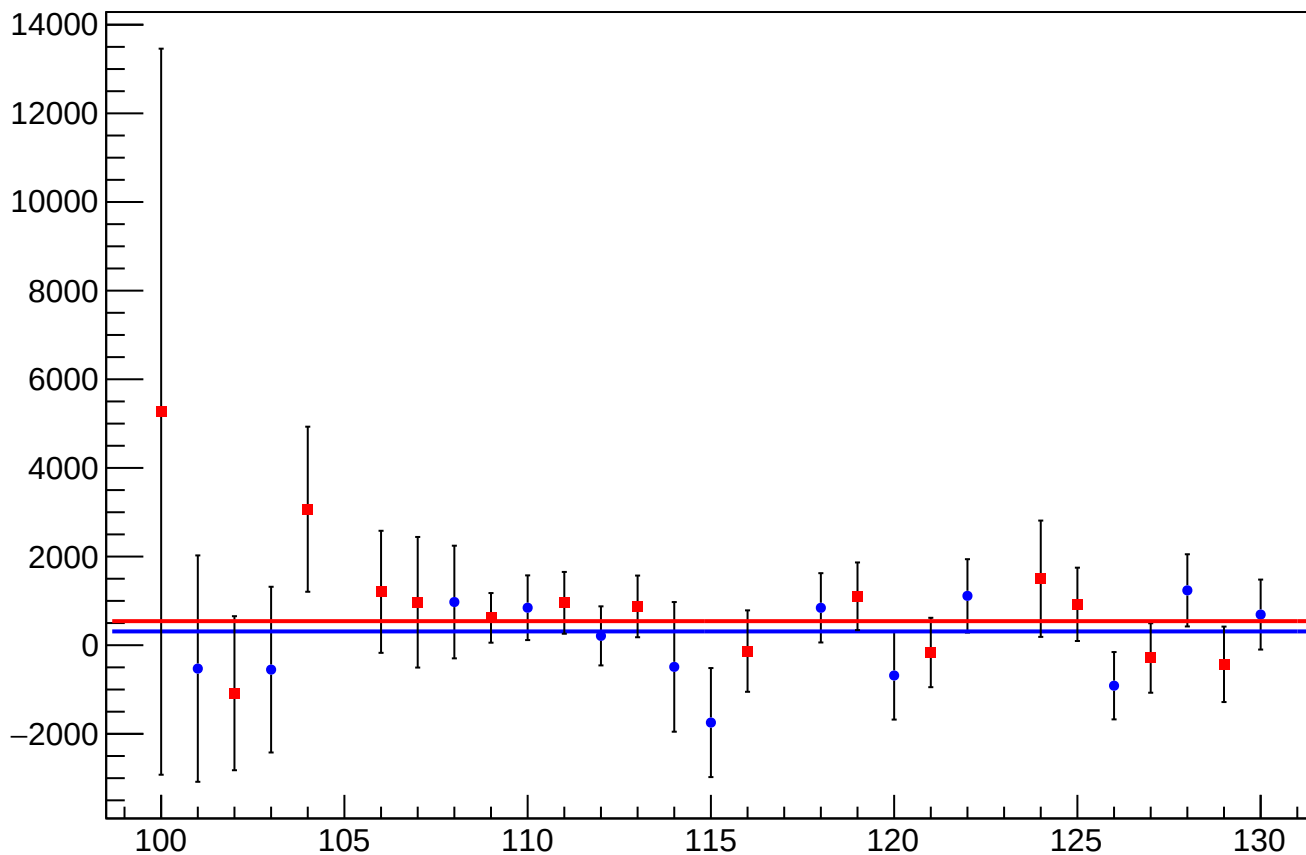
Right: 2839.346+/-0.611 χ^2/NDF : 938784.9/27

In: 2855.891+/-0.888 χ^2/NDF : 738799.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2839.346+/-0.611 χ^2/NDF : 938784.9/27

asym_atr1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 311.114+/-255.921 χ^2/NDF : 10.8/12

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

Right Out: 542.736+/-232.392 χ^2/NDF : 9.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

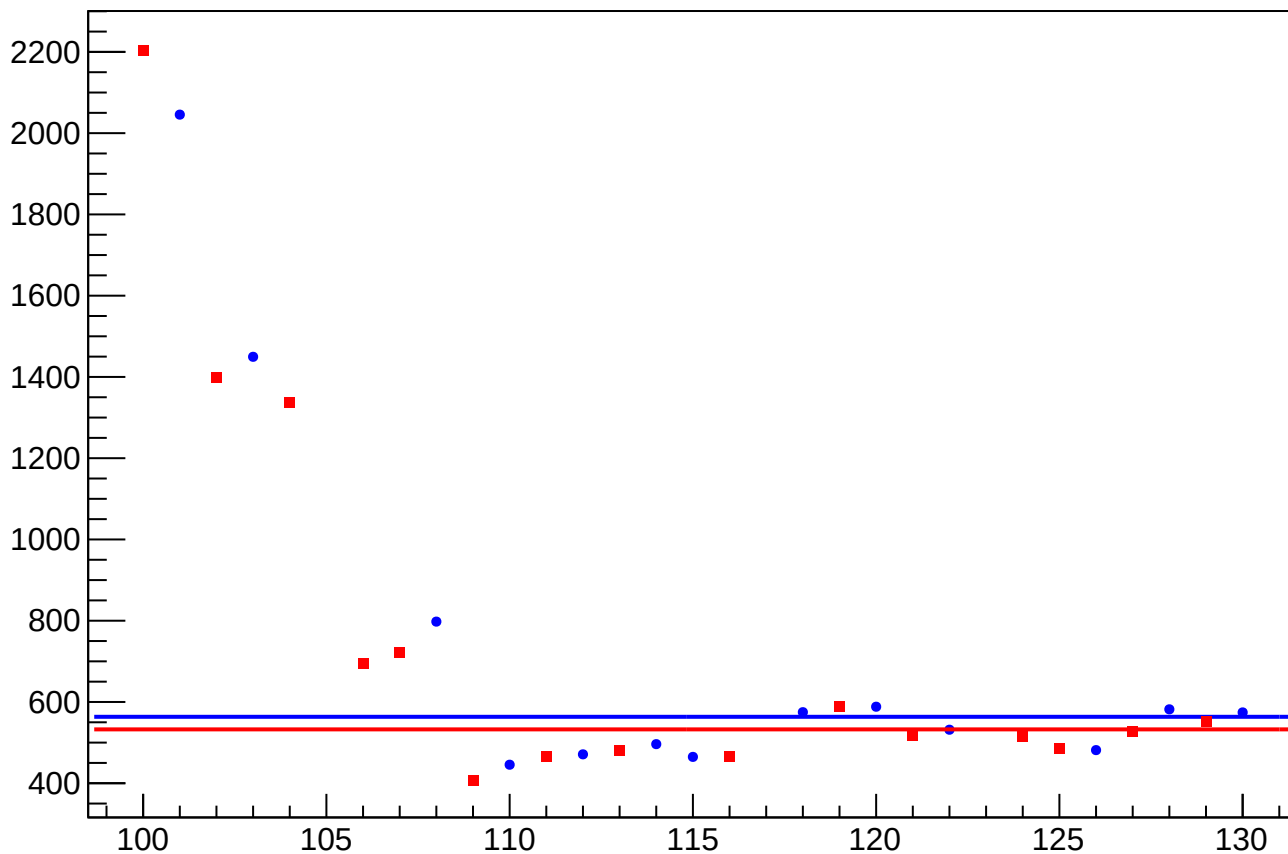
Right: 438.060+/-172.044 χ^2/NDF : 20.3/27

In: 311.114+/-255.921 χ^2/NDF :10.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 438.060+/-172.044 χ^2/NDF : 20.3/27

asym_atr1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 563.517+/-0.181 χ^2/NDF : 1327748.4/12

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

Right Out: 532.555+/-0.164 χ^2/NDF : 1175030.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

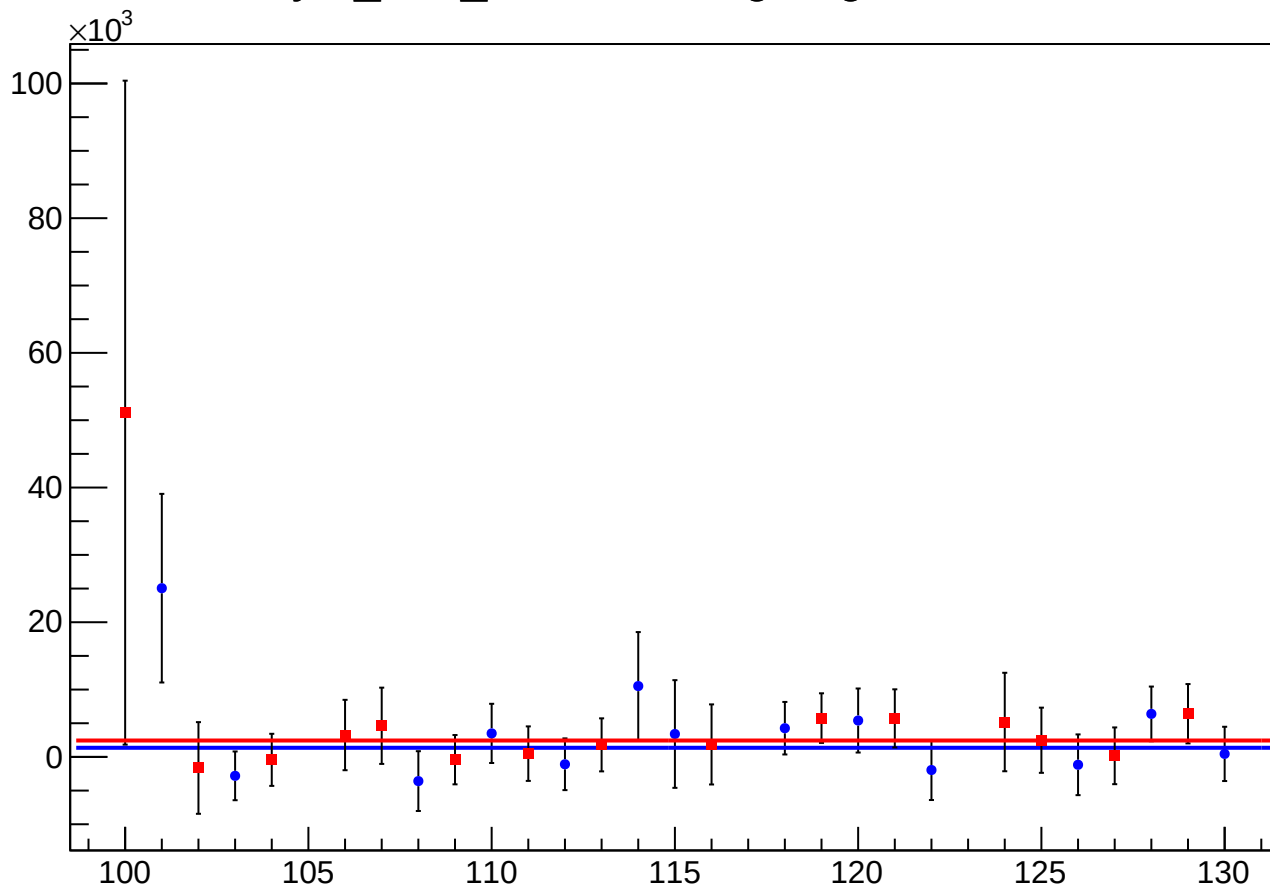
Right: 546.547+/-0.122 χ^2/NDF : 2518822.2/27

In: 563.517+/-0.181 χ^2/NDF : 1327748.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 546.547+/-0.122 χ^2/NDF : 2518822.2/27

asym_atr1_mean vs Slug, Sign Corrected



Right In: 1356.016+/-1275.491 χ^2/NDF : 11.2/12

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

Right Out: 2436.241+/-1211.066 χ^2/NDF : 5.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

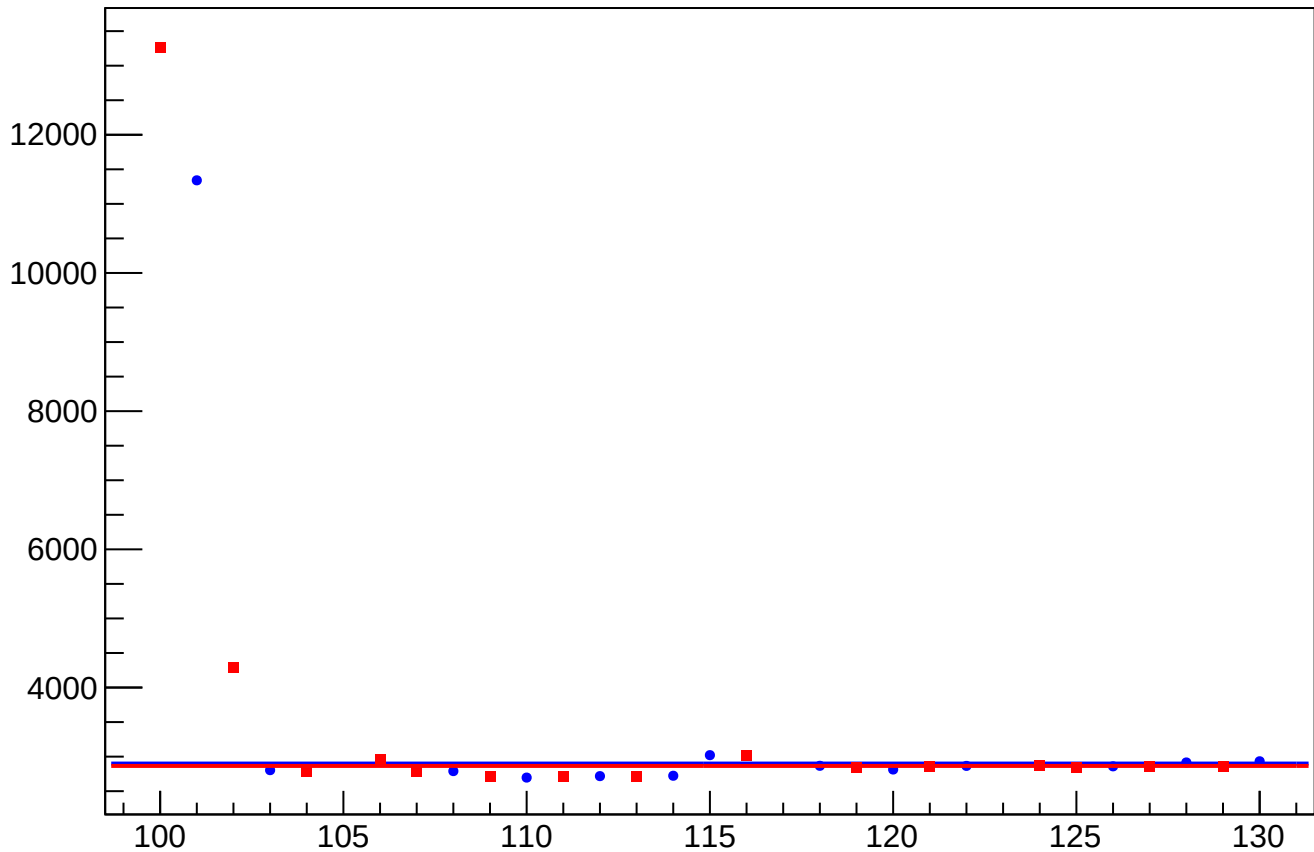
Right: 1924.098+/-878.246 χ^2/NDF : 17.1/27

In: 1356.016+/-1275.491 χ^2/NDF : 11.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1924.098+/-878.246 χ^2/NDF : 17.1/27

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2899.604+/-0.902 χ^2/NDF : 740504.4/12

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

Right Out: 2865.548+/-0.856 χ^2/NDF : 190235.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

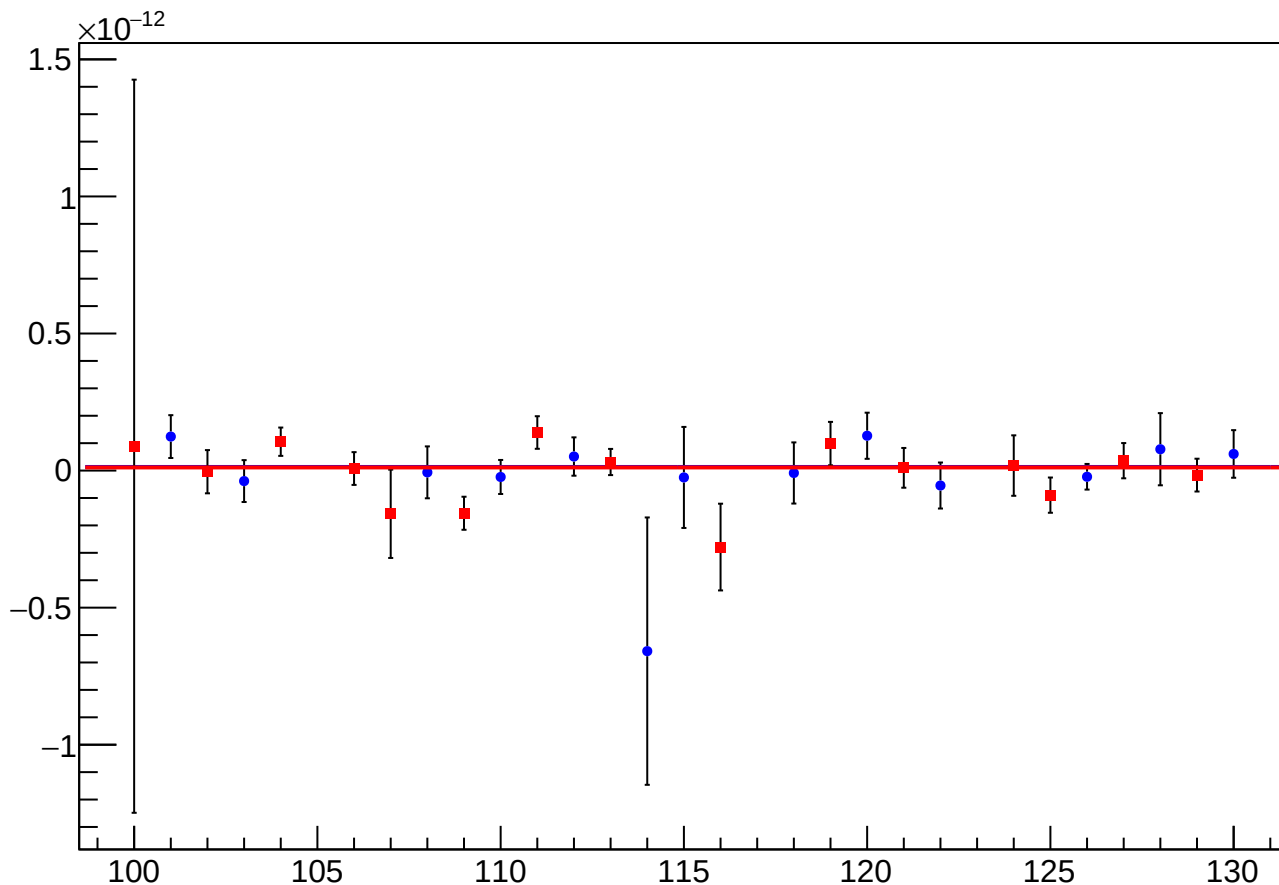
Right: 2881.694+/-0.621 χ^2/NDF : 931489.8/27

In: 2899.604+/-0.902 χ^2/NDF : 740504.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2881.694+/-0.621 χ^2/NDF : 931489.8/27

asym_atr1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.7/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 24.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

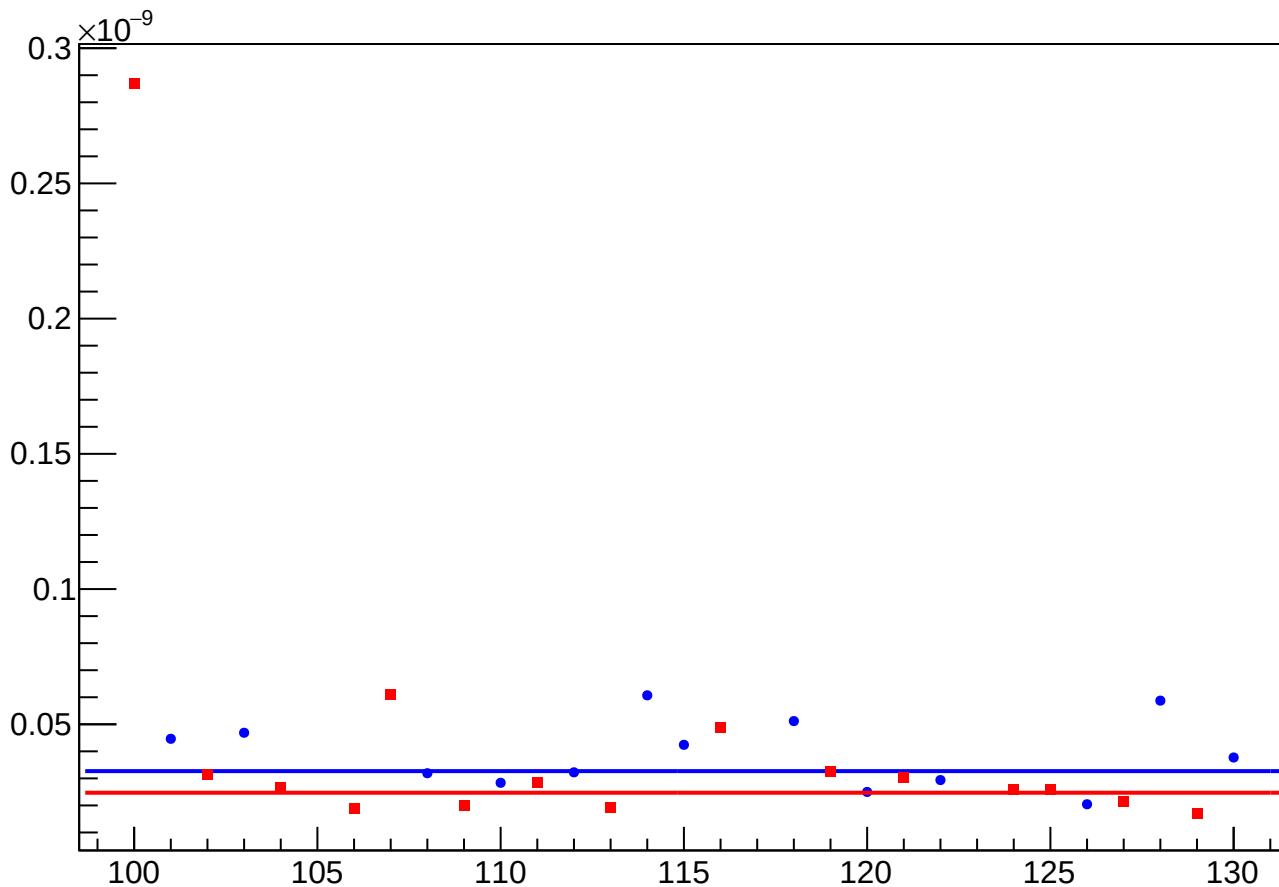
Right: 0.000+/-0.000 χ^2/NDF : 33.1/27

In: 0.000+/-0.000 χ^2/NDF : 8.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.1/27

asym_atr1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 434935.3/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 380093.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

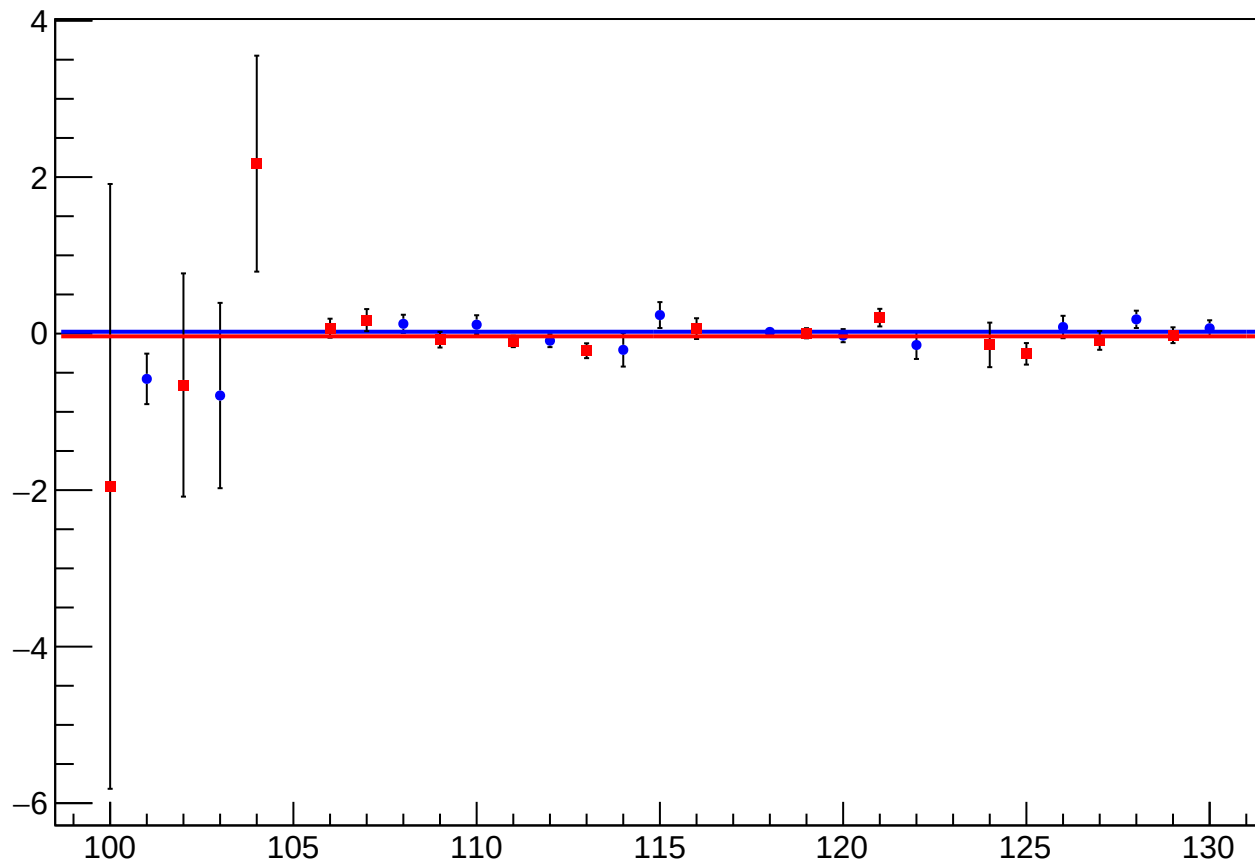
Right: 0.000+/-0.000 χ^2/NDF : 967914.3/27

In: 0.000+/-0.000 χ^2/NDF : 434935.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 967914.3/27

asym_atr1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.024 $\pm$ 0.030 χ^2/NDF : 13.7/12

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

Right Out: -0.035 $\pm$ 0.030 χ^2/NDF : 19.1/14

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

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

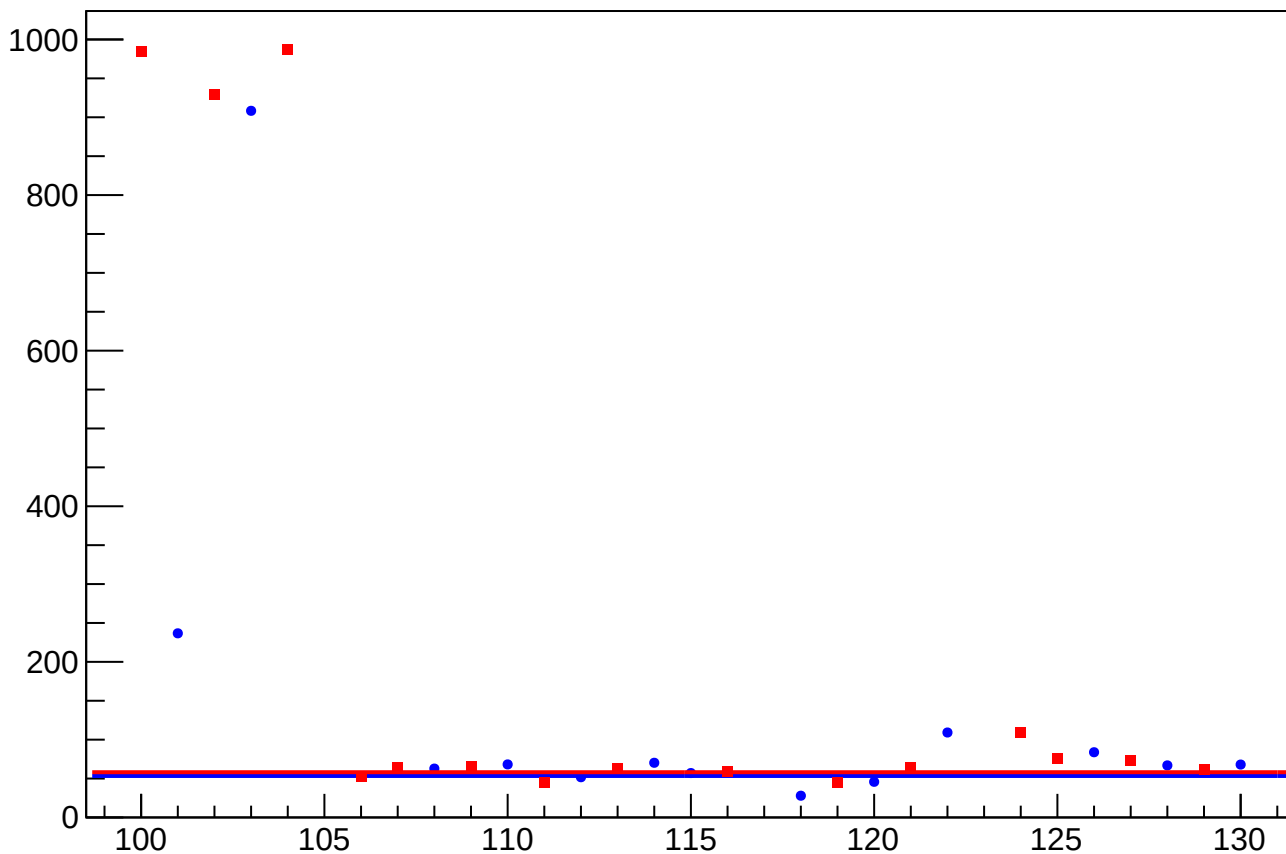
Right: -0.006 $\pm$ 0.021 χ^2/NDF : 34.8/27

In: 0.024 $\pm$ 0.030 χ^2/NDF : 13.7/12

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

All: -0.006 $\pm$ 0.021 χ^2/NDF : 34.8/27

asym_atr1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.336+/-0.021 χ^2/NDF : 2581360.8/12

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

Right Out: 58.144+/-0.021 χ^2/NDF : 2087992.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

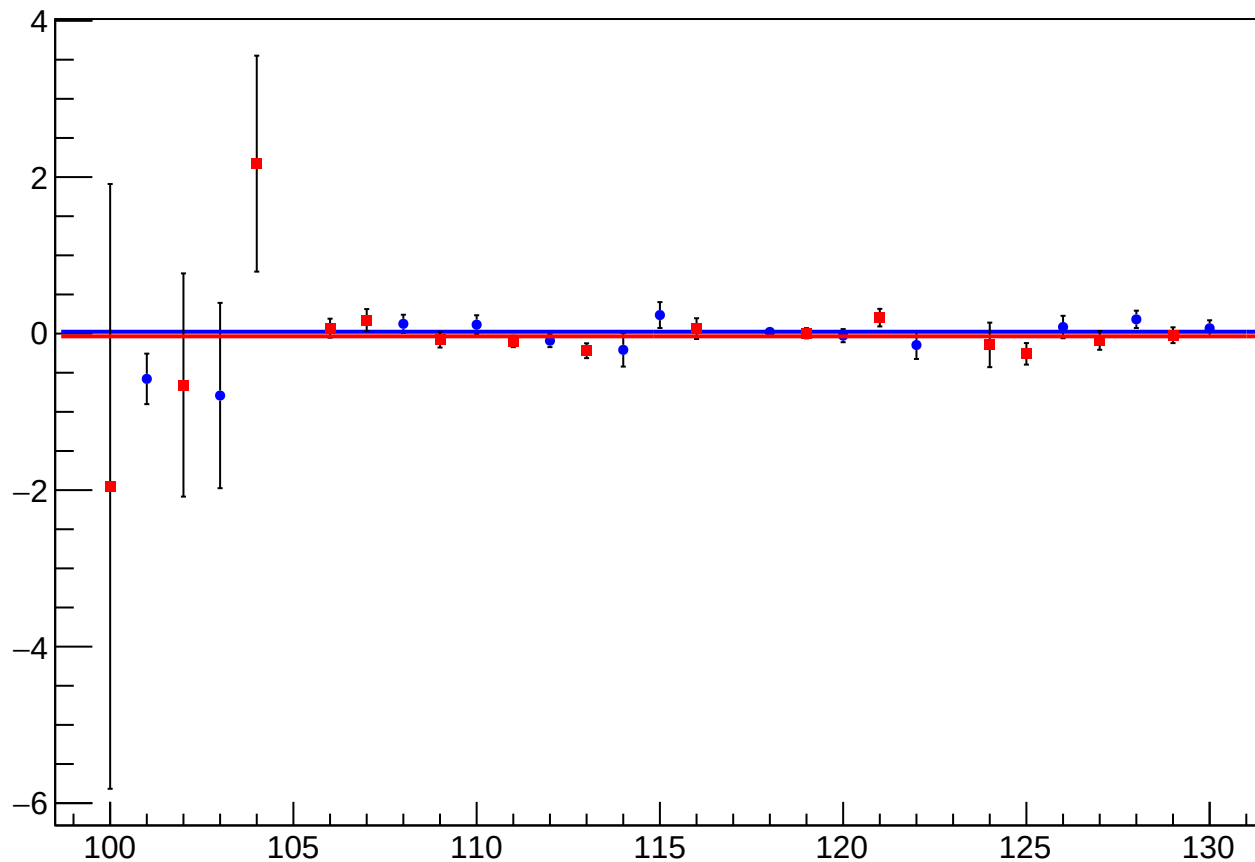
Right: 55.749+/-0.015 χ^2/NDF : 4695263.2/27

In: 53.336+/-0.021 χ^2/NDF : 2581360.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.749+/-0.015 χ^2/NDF : 4695263.2/27

asym_atr1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.024+/-0.030 χ^2/NDF : 13.7/12

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

Right Out: -0.035+/-0.030 χ^2/NDF : 19.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

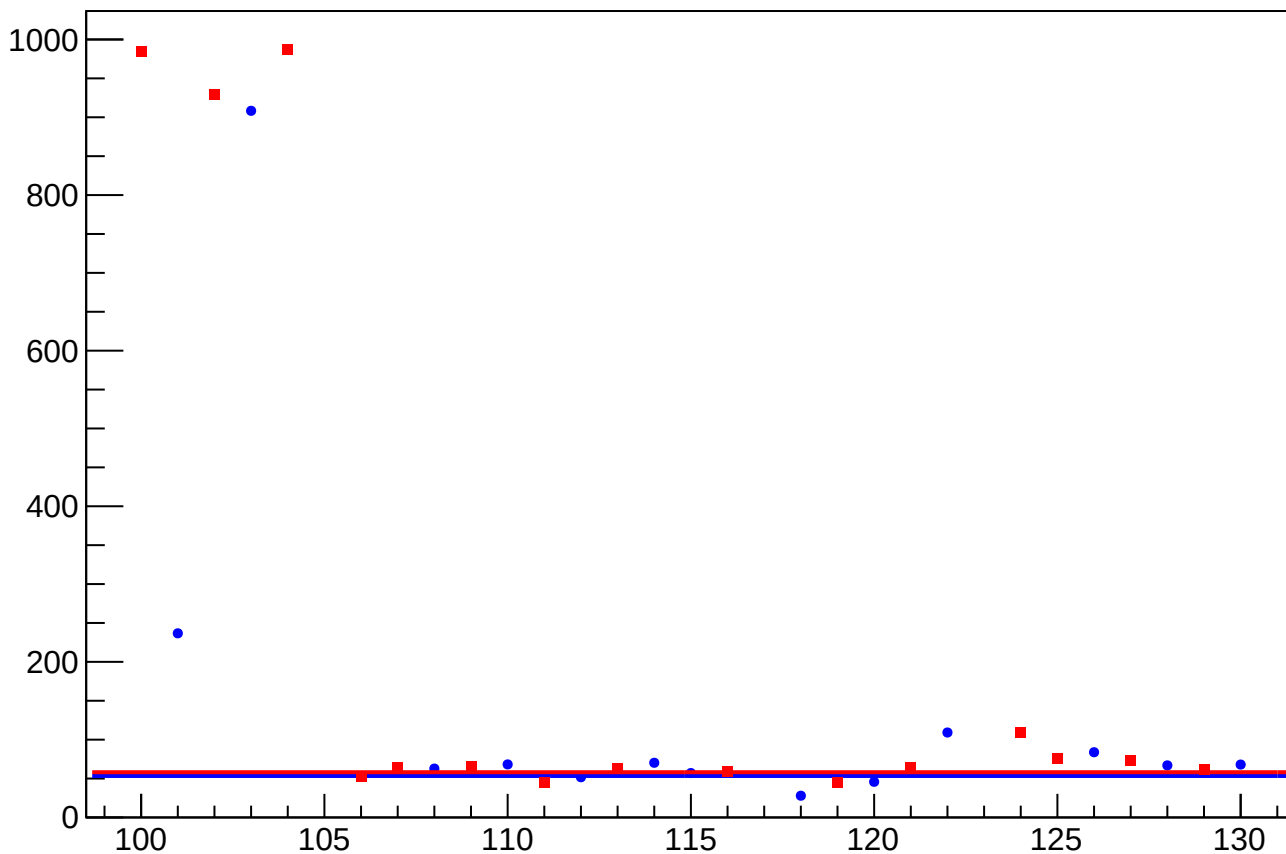
Right: -0.006+/-0.021 χ^2/NDF : 34.8/27

In: 0.024+/-0.030 χ^2/NDF : 13.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.021 χ^2/NDF : 34.8/27

asym_atr1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.336+/-0.021 χ^2/NDF : 2581360.8/12

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

Right Out: 58.144+/-0.021 χ^2/NDF : 2087992.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

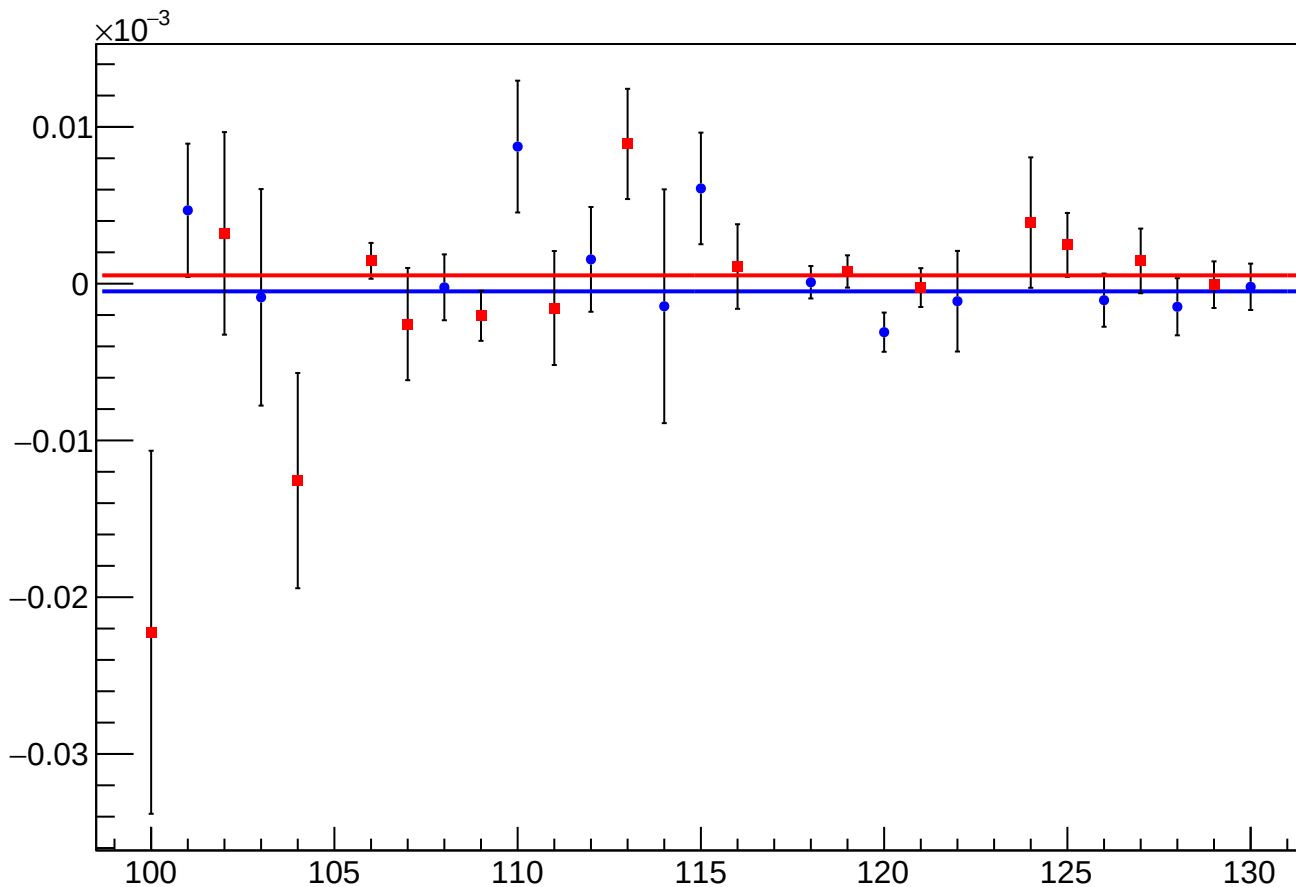
Right: 55.749+/-0.015 χ^2/NDF : 4695263.2/27

In: 53.336+/-0.021 χ^2/NDF : 2581360.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.749+/-0.015 χ^2/NDF : 4695263.2/27

asym_atr1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.2/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 20.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

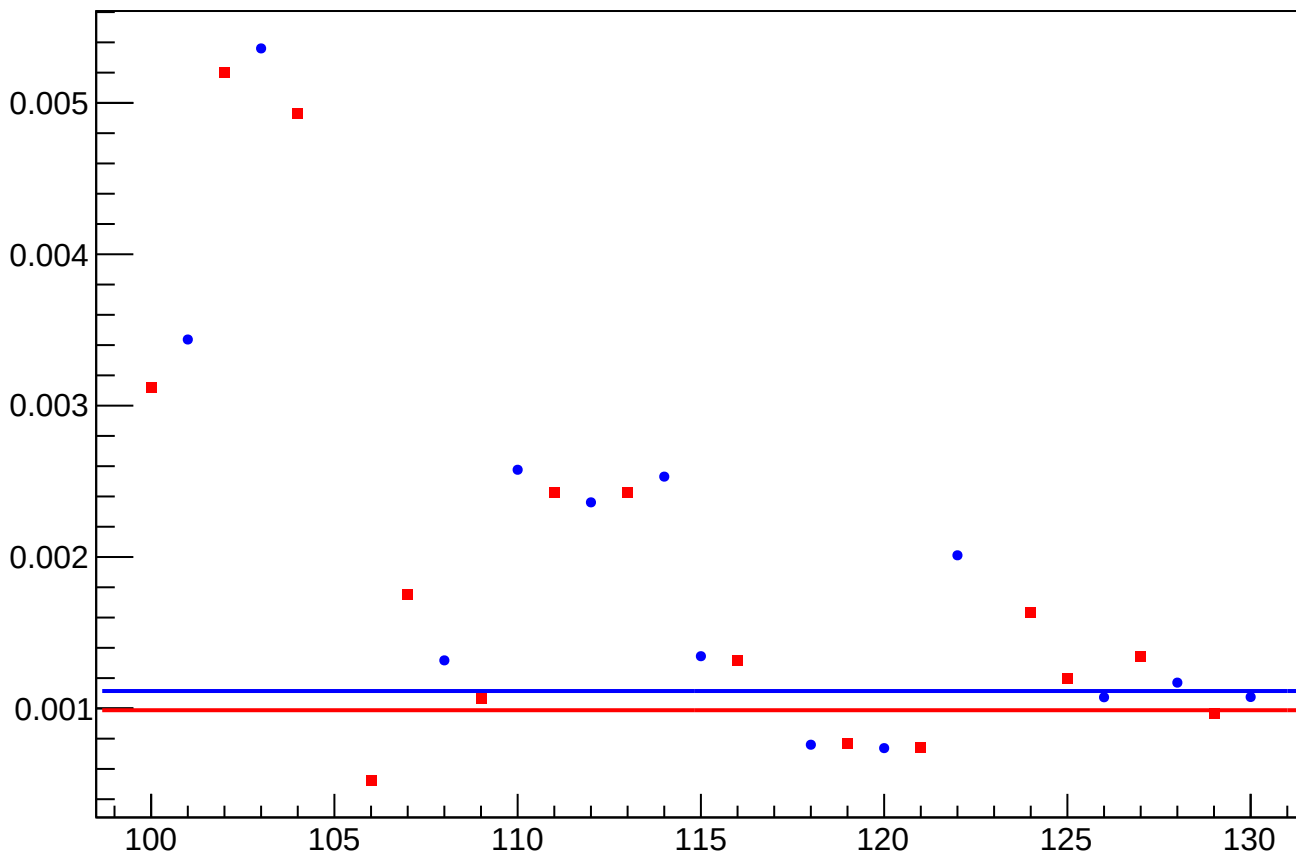
Right: 0.000+/-0.000 χ^2/NDF : 37.3/27

In: -0.000+/-0.000 χ^2/NDF : 15.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 37.3/27

asym_atr1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2549104.2/12

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

Right Out: 0.001+/-0.000 χ^2/NDF : 2979851.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

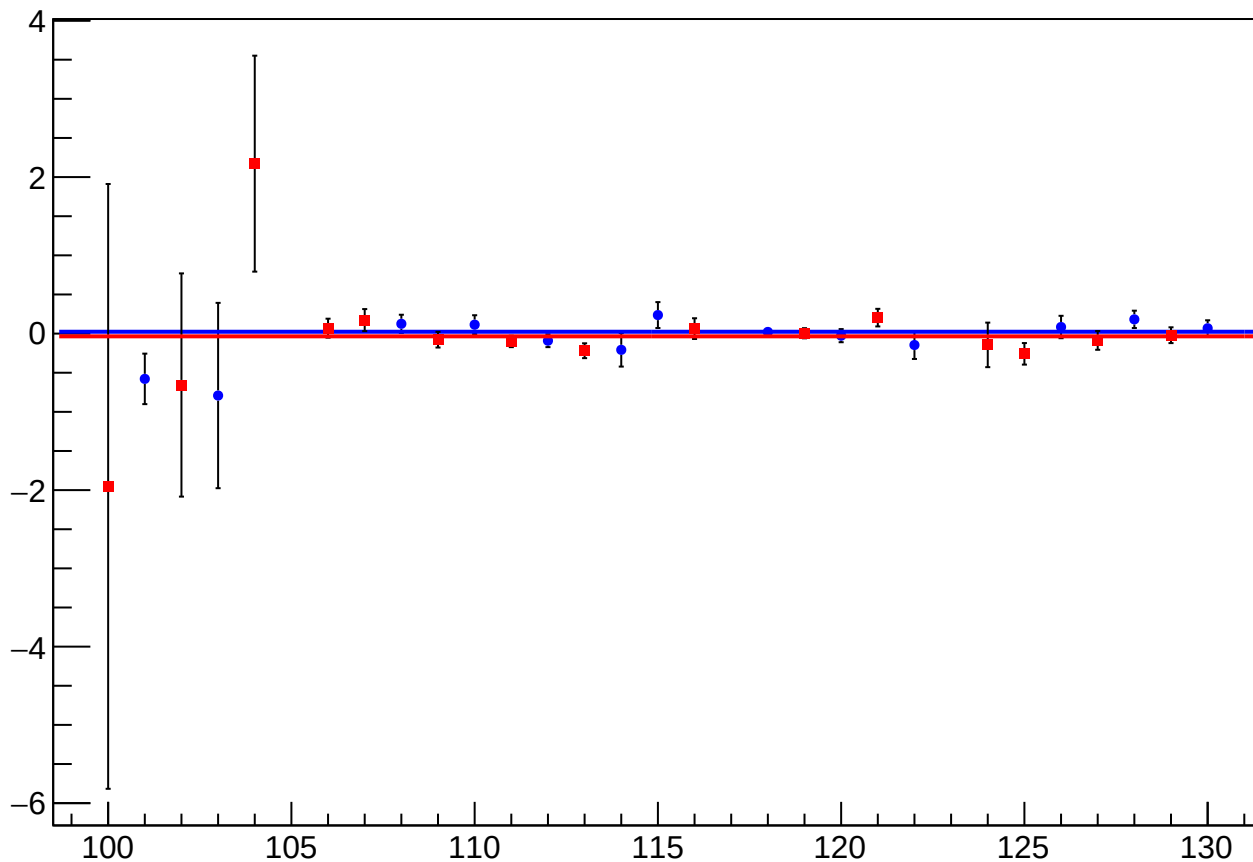
Right: 0.001+/-0.000 χ^2/NDF : 5588399.9/27

In: 0.001+/-0.000 χ^2/NDF : 2549104.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5588399.9/27

asym_atr1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.024+/-0.030 χ^2/NDF : 13.7/12

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

Right Out: -0.035+/-0.030 χ^2/NDF : 19.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

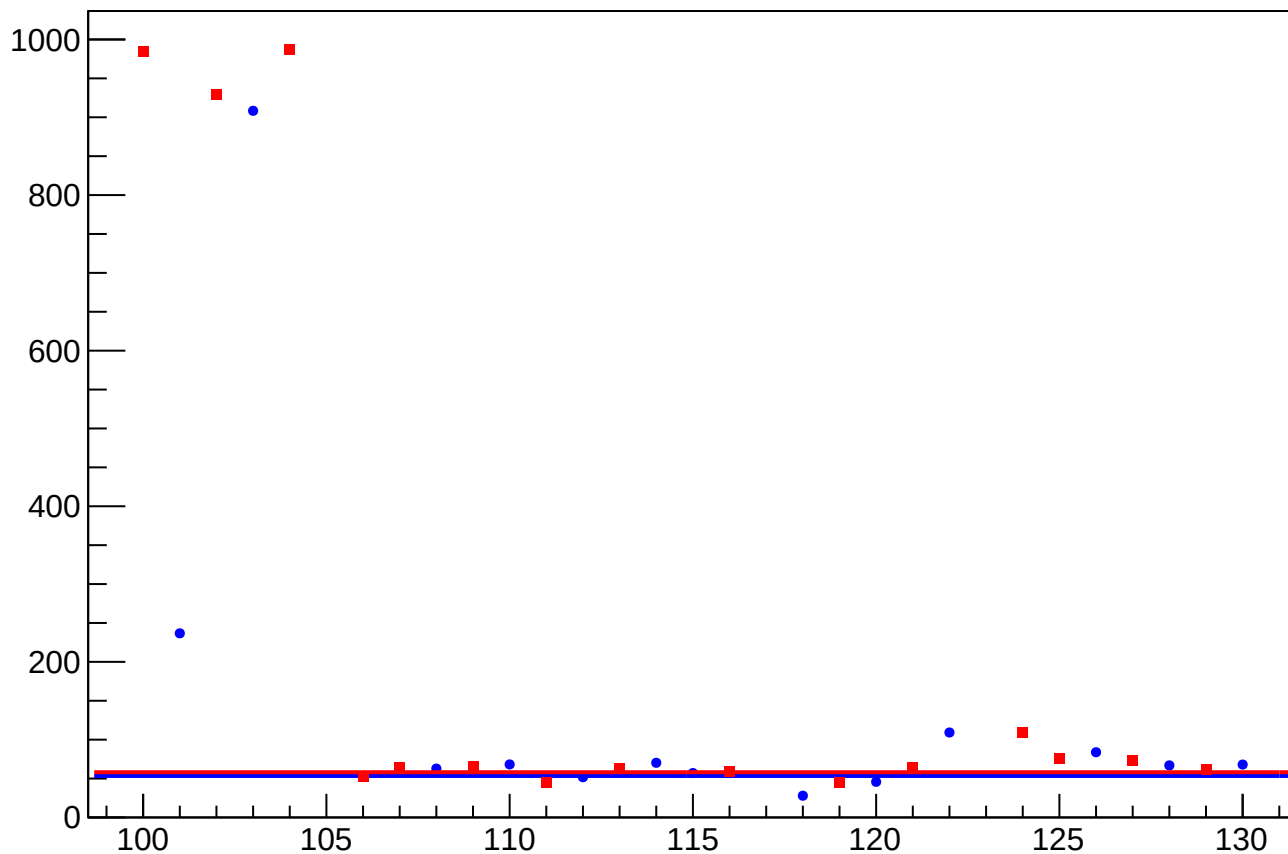
Right: -0.006+/-0.021 χ^2/NDF : 34.8/27

In: 0.024+/-0.030 χ^2/NDF : 13.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.021 χ^2/NDF : 34.8/27

asym_atr1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.336+/-0.021 χ^2/NDF : 2581425.9/12

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

Right Out: 58.144+/-0.021 χ^2/NDF : 2087987.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

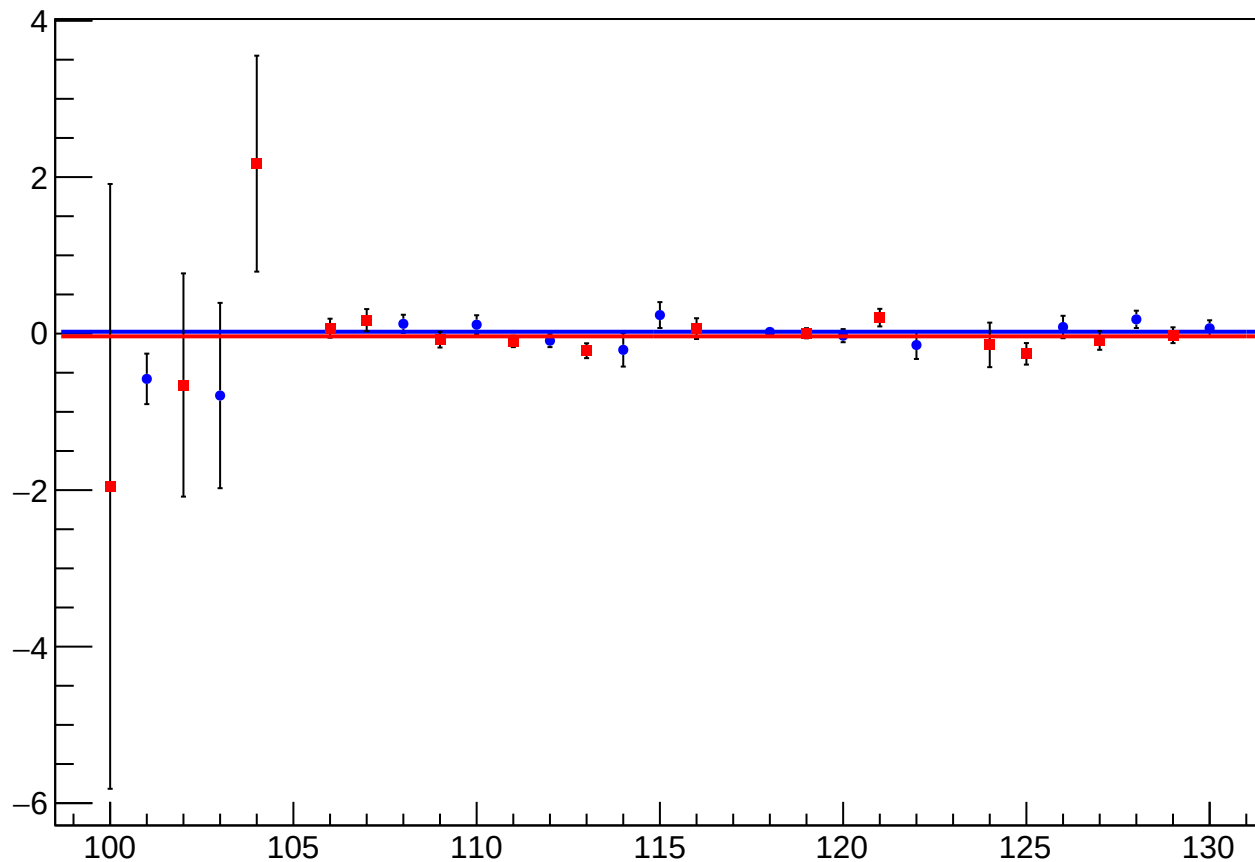
Right: 55.748+/-0.015 χ^2/NDF : 4695331.2/27

In: 53.336+/-0.021 χ^2/NDF : 2581425.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.748+/-0.015 χ^2/NDF : 4695331.2/27

asym_atr1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.024+/-0.030 χ^2/NDF : 13.7/12

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

Right Out: -0.035+/-0.030 χ^2/NDF : 19.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

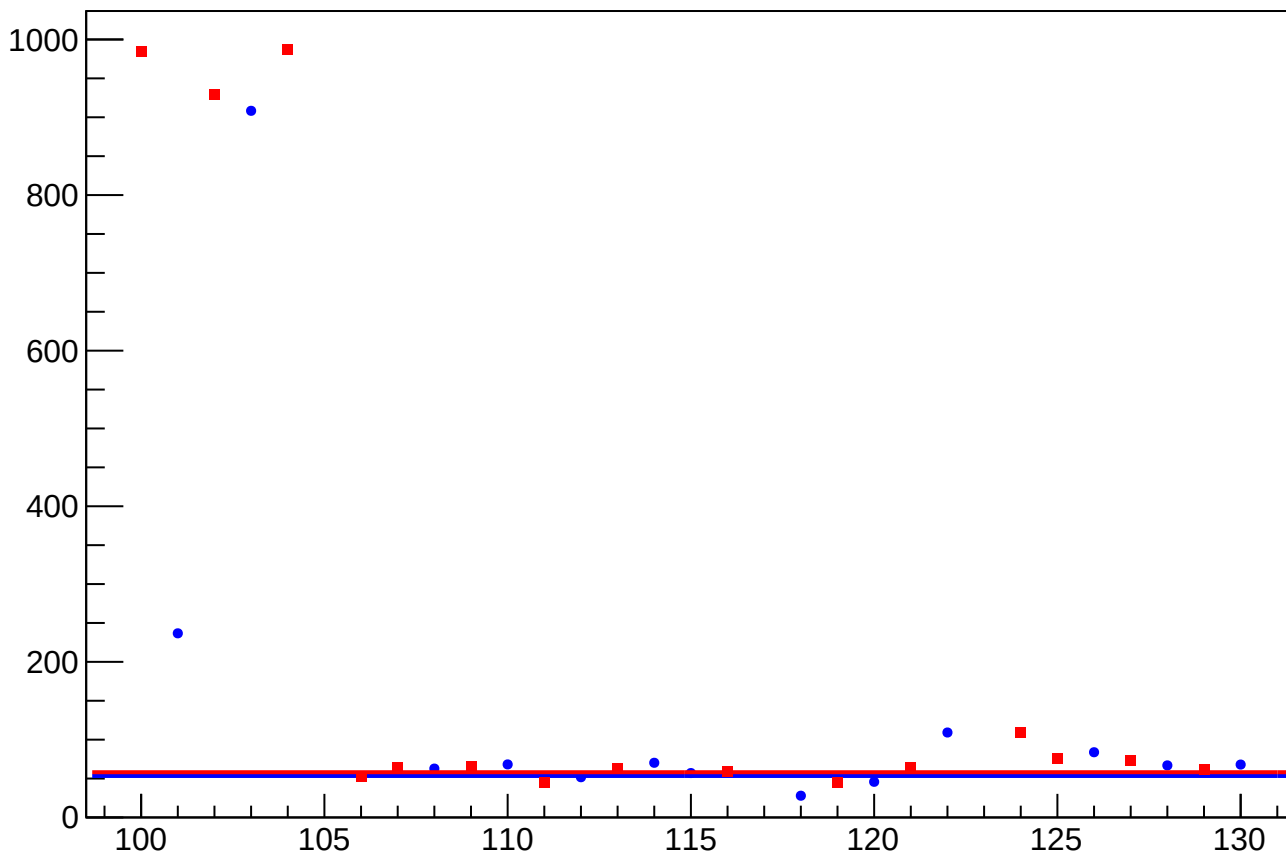
Right: -0.006+/-0.021 χ^2/NDF : 34.8/27

In: 0.024+/-0.030 χ^2/NDF : 13.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.021 χ^2/NDF : 34.8/27

asym_atr1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.336+/-0.021 χ^2/NDF : 2581425.9/12

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

Right Out: 58.144+/-0.021 χ^2/NDF : 2087987.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

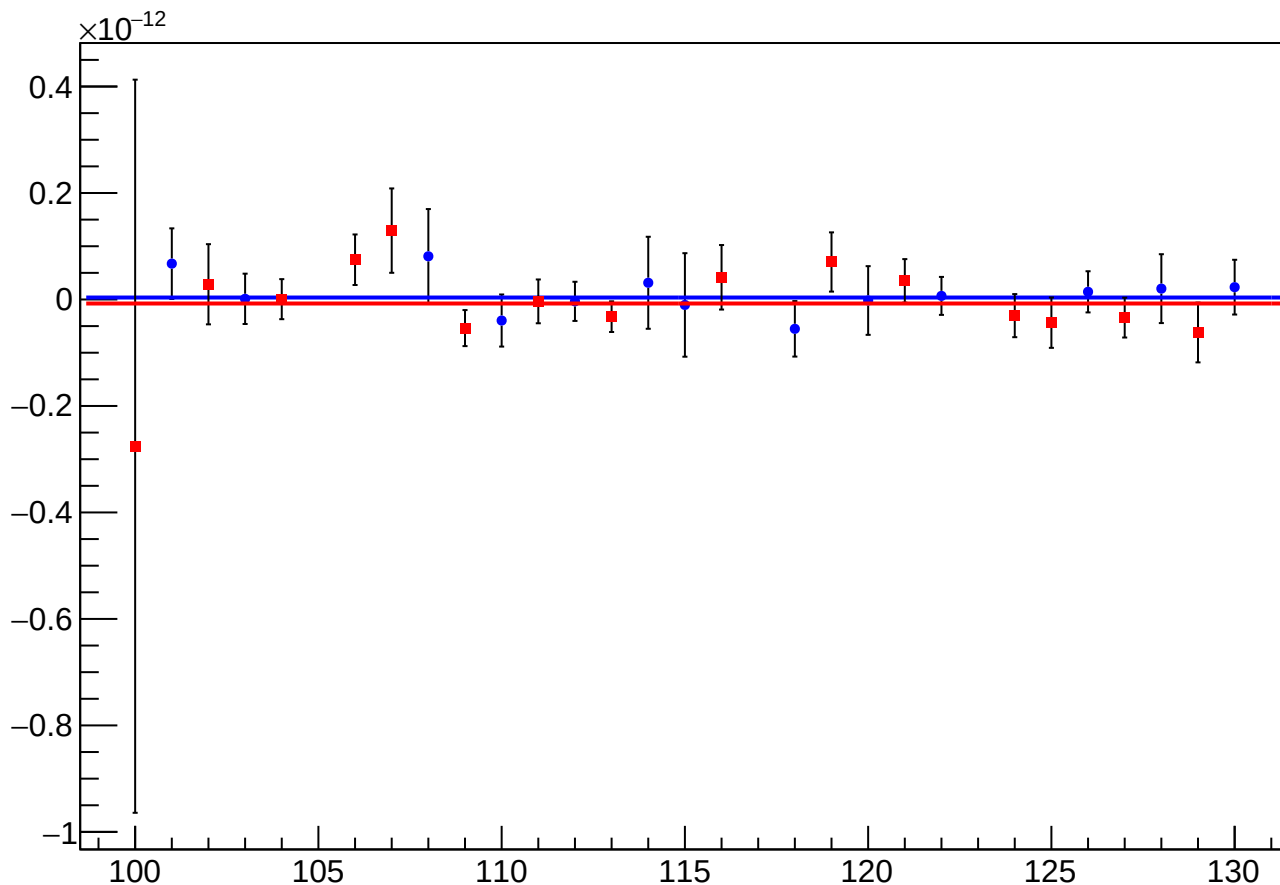
Right: 55.748+/-0.015 χ^2/NDF : 4695331.2/27

In: 53.336+/-0.021 χ^2/NDF : 2581425.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.748+/-0.015 χ^2/NDF : 4695331.2/27

asym_atr1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

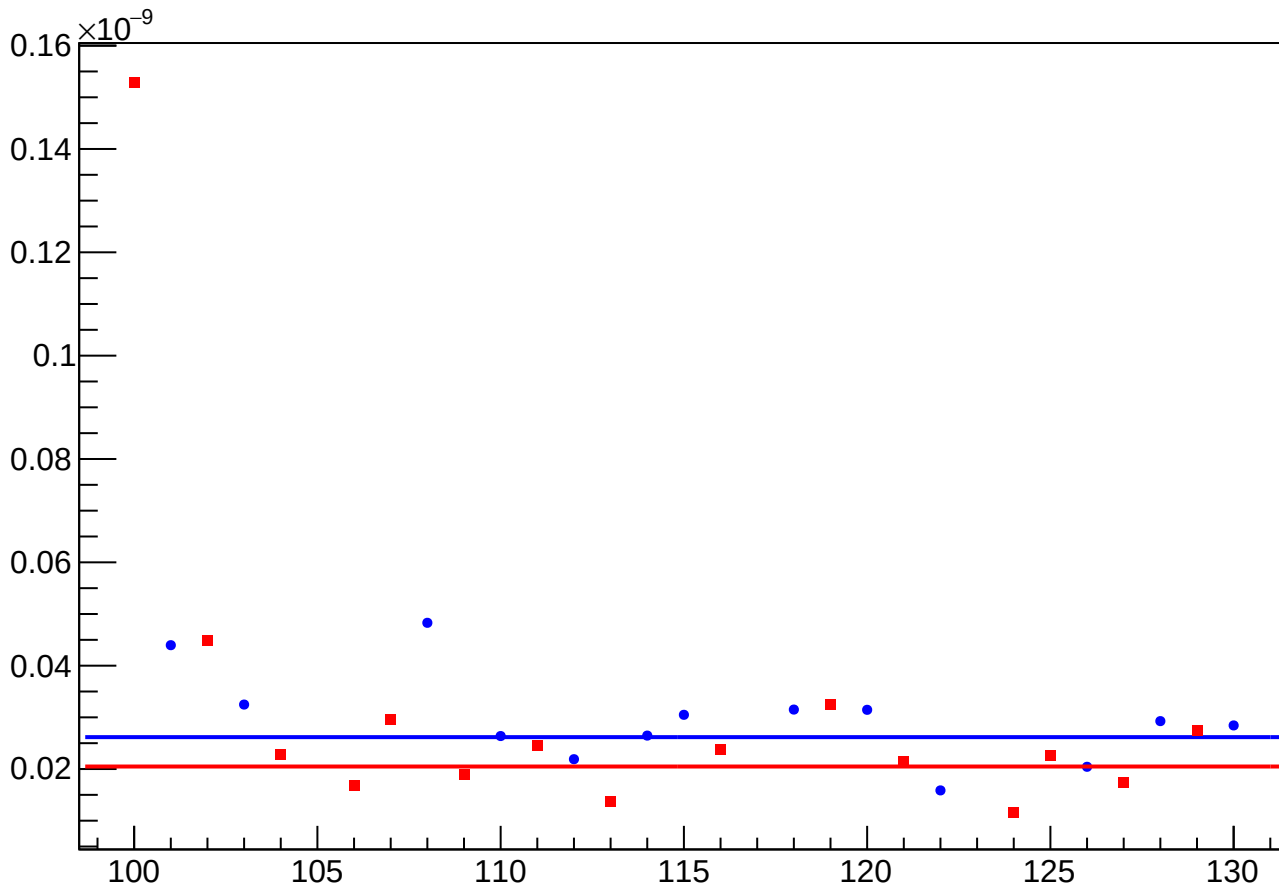
Right: -0.000+/-0.000 χ^2/NDF : 19.6/27

In: 0.000+/-0.000 χ^2/NDF : 4.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.6/27

asym_atr1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 589287.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 707452.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

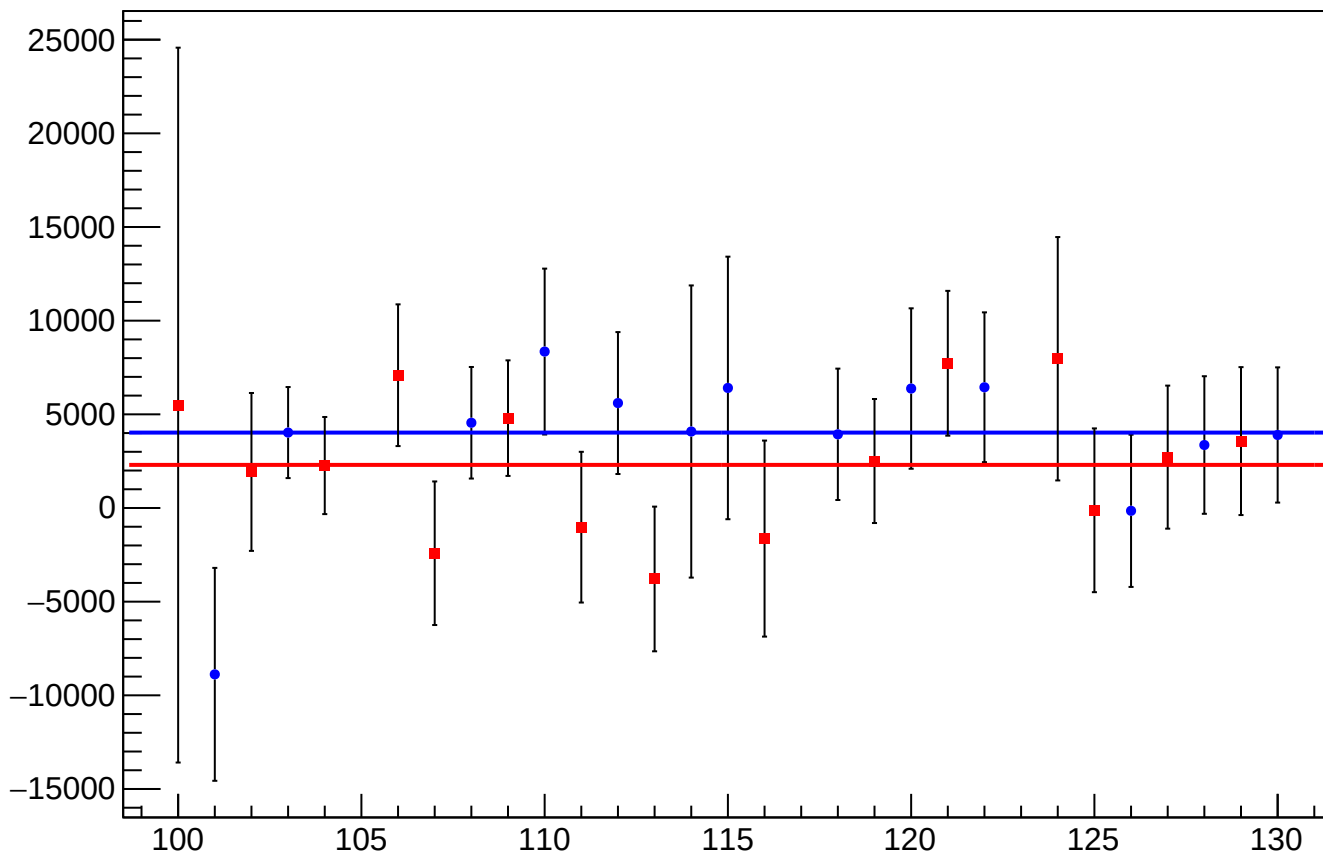
Right: 0.000+/-0.000 χ^2/NDF : 1487412.7/27

In: 0.000+/-0.000 χ^2/NDF : 589287.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1487412.7/27

reg_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4025.376+/-1065.768 χ^2/NDF : 8.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2301.080+/-1008.488 χ^2/NDF : 10.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

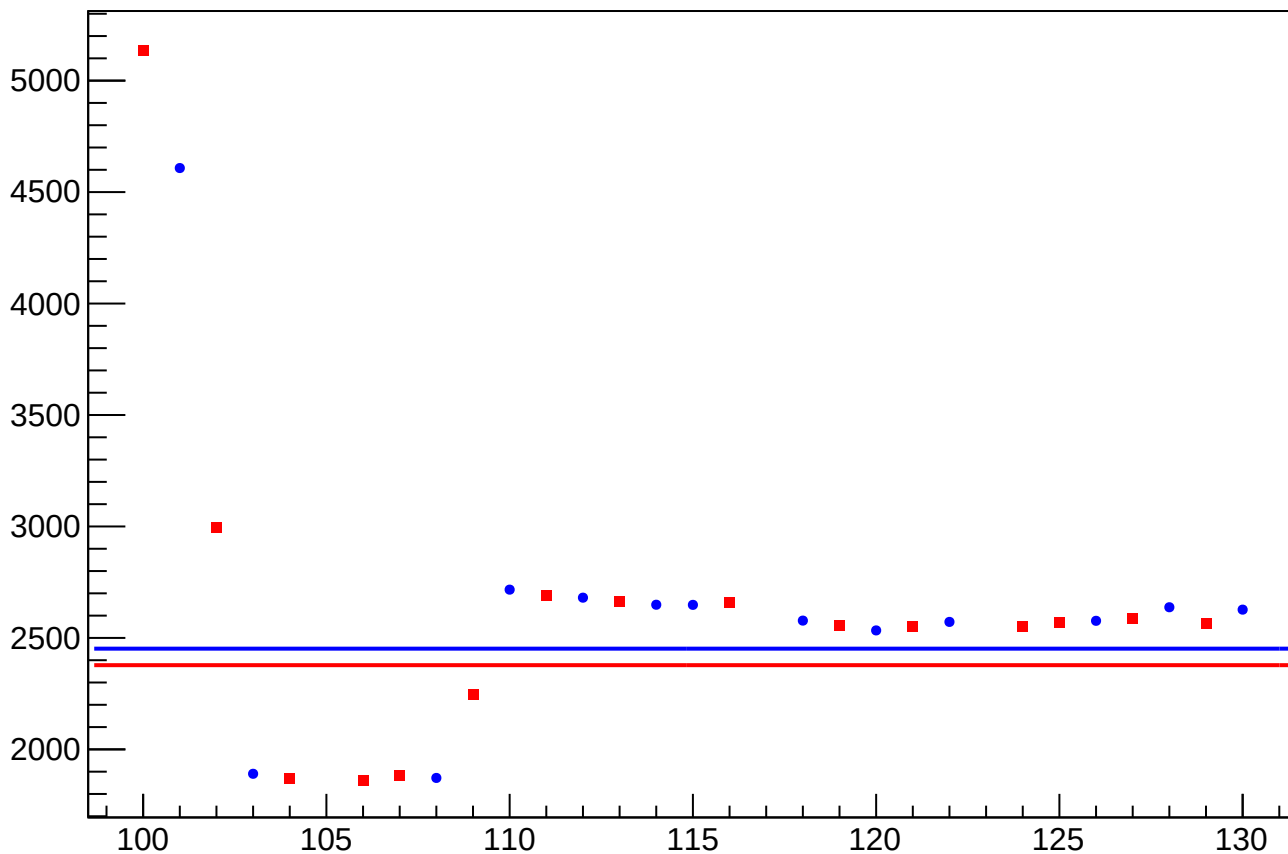
Right: 3115.649+/-732.522 χ^2/NDF : 20.3/27

In: 4025.376+/-1065.768 χ^2/NDF :8.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3115.649+/-732.522 χ^2/NDF : 20.3/27

reg_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2451.841+/-0.754 χ^2/NDF : 504527.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2377.775+/-0.713 χ^2/NDF : 291346.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

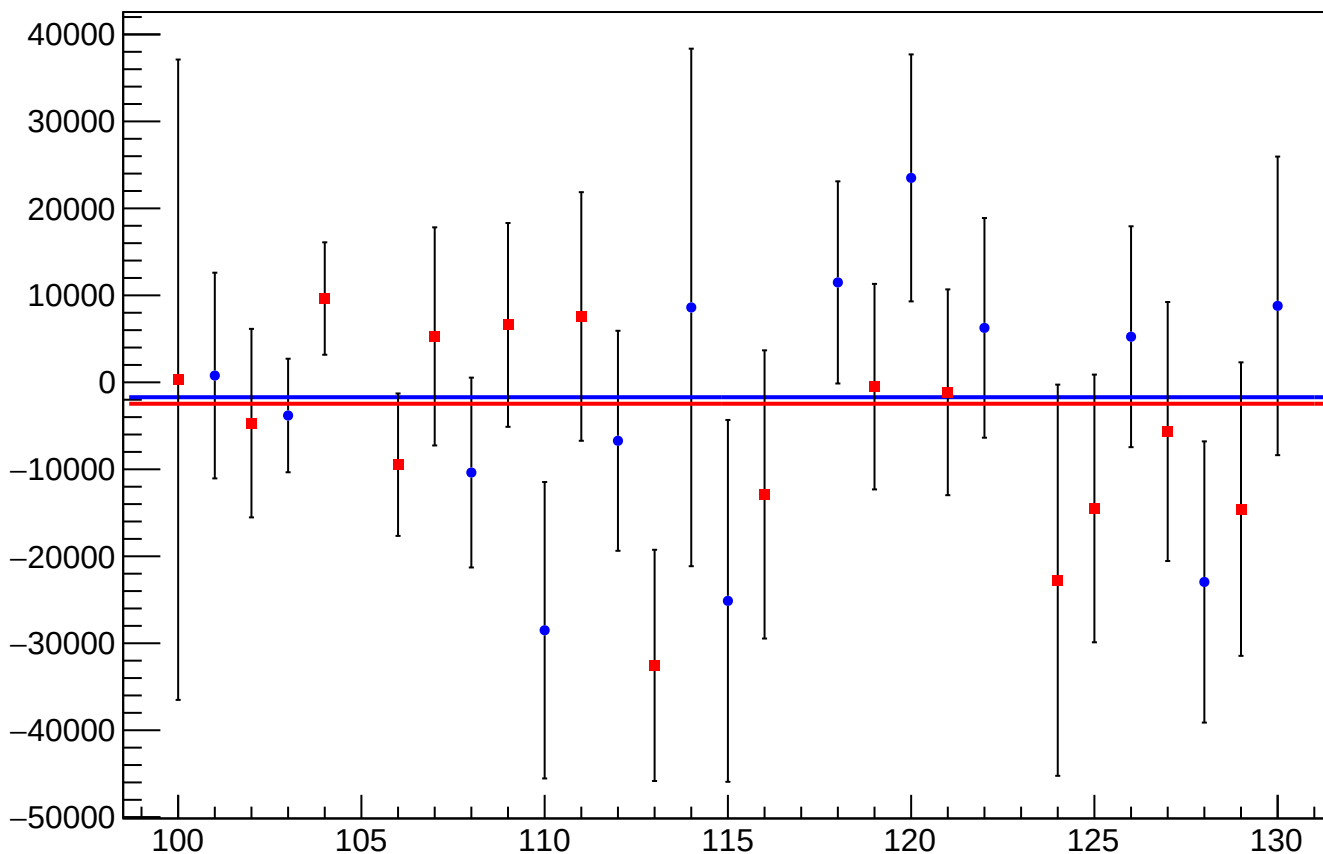
Right: 2412.764+/-0.518 χ^2/NDF : 800970.2/27

In: 2451.841+/-0.754 χ^2/NDF :504527.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2412.764+/-0.518 χ^2/NDF : 800970.2/27

asym_atr2_reg_correction_mean vs Slug, Sign Corrected



Right In: -1710.339+/-3446.045 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2462.236+/-3093.691 χ^2/NDF : 13.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

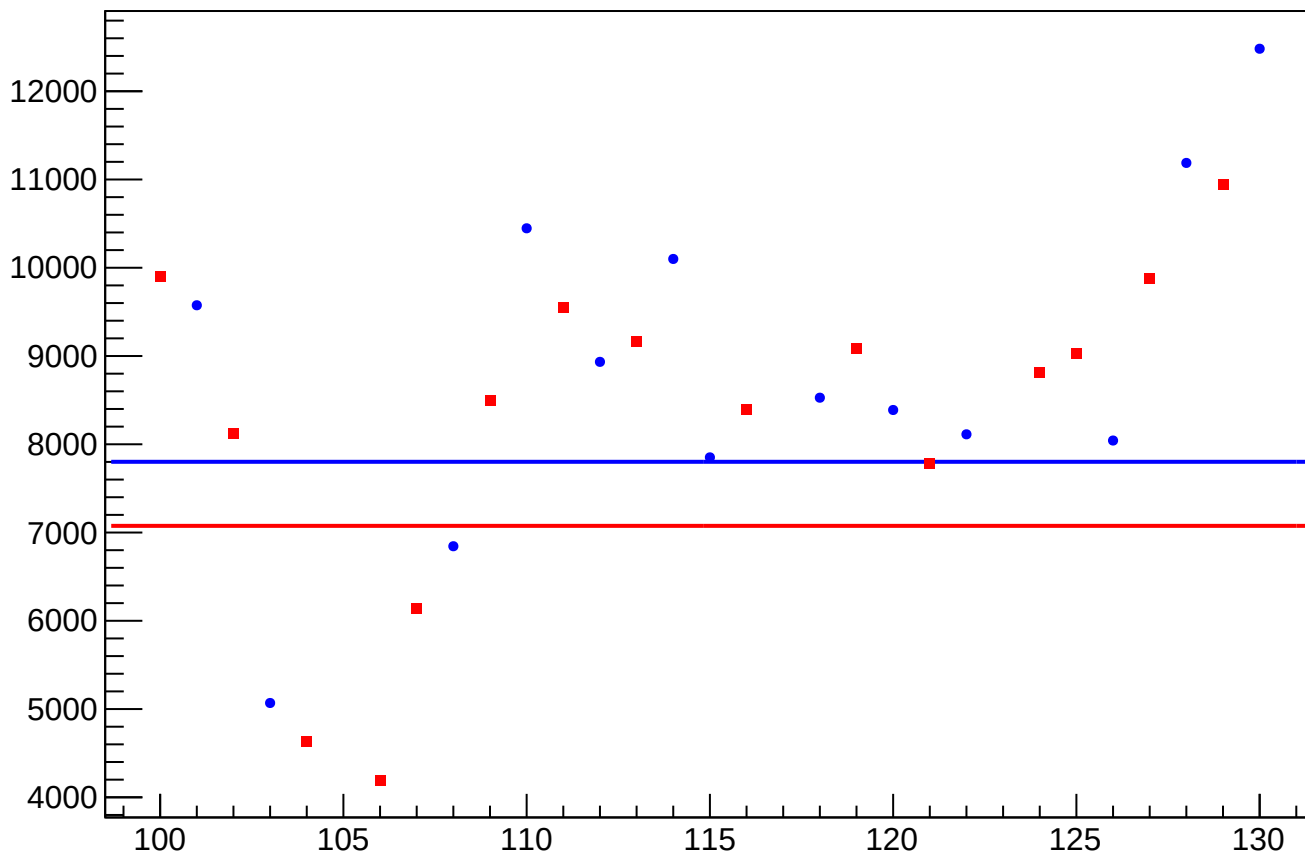
Right: -2126.682+/-2302.095 χ^2/NDF : 25.4/27

In: -1710.339+/-3446.045 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2126.682+/-2302.095 χ^2/NDF : 25.4/27

asym_atr2_reg_correction_rms vs Slug, Sign Corrected



Right In: 7801.450+/-2.437 χ^2/NDF : 736666.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7075.636+/-2.188 χ^2/NDF : 1011492.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

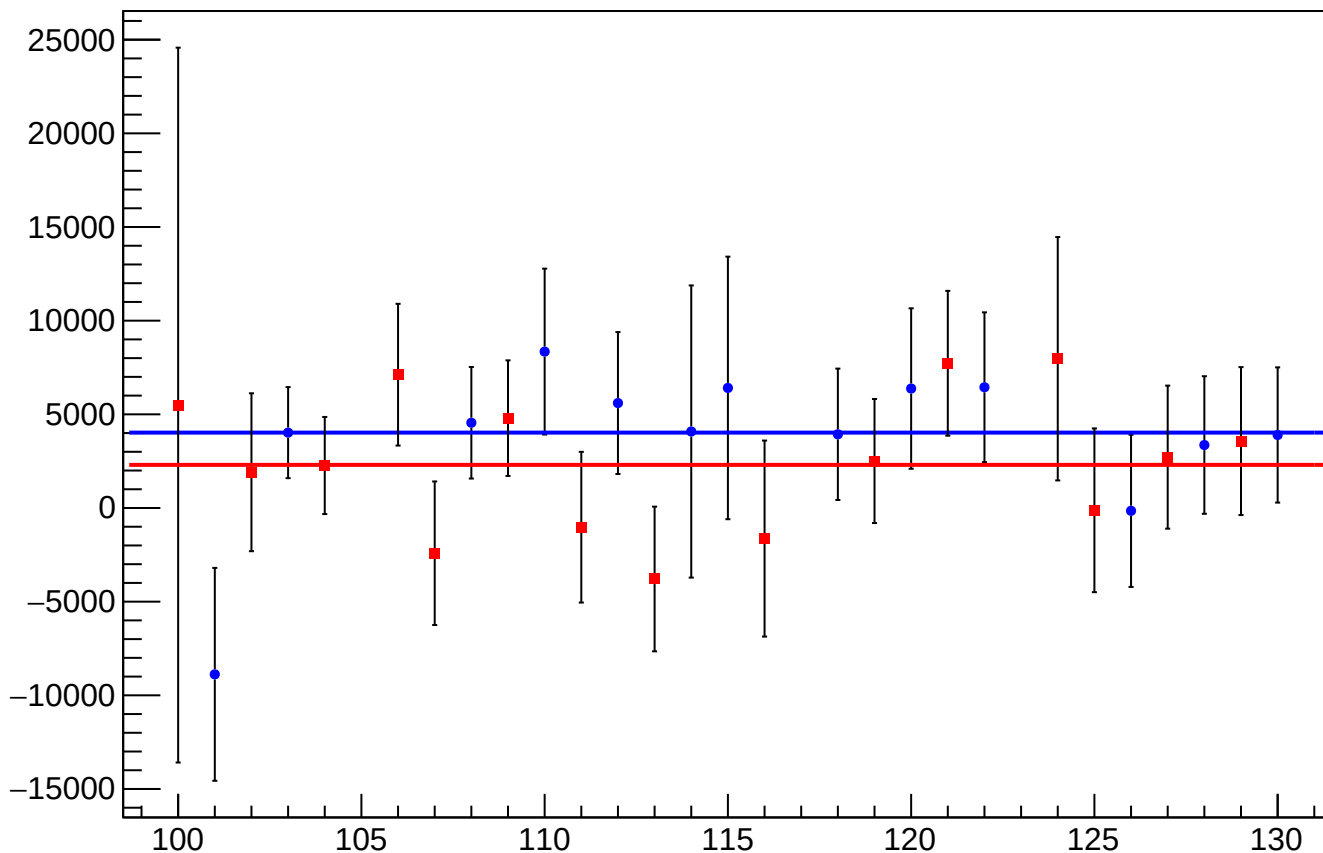
Right: 7399.550+/-1.628 χ^2/NDF : 1797287.3/27

In: 7801.450+/-2.437 χ^2/NDF : 736666.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7399.550+/-1.628 χ^2/NDF : 1797287.3/27

cor_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4024.748 $\pm$ 1065.768 χ^2 /NDF: 8.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2301.977 $\pm$ 1008.498 χ^2 /NDF: 10.7/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

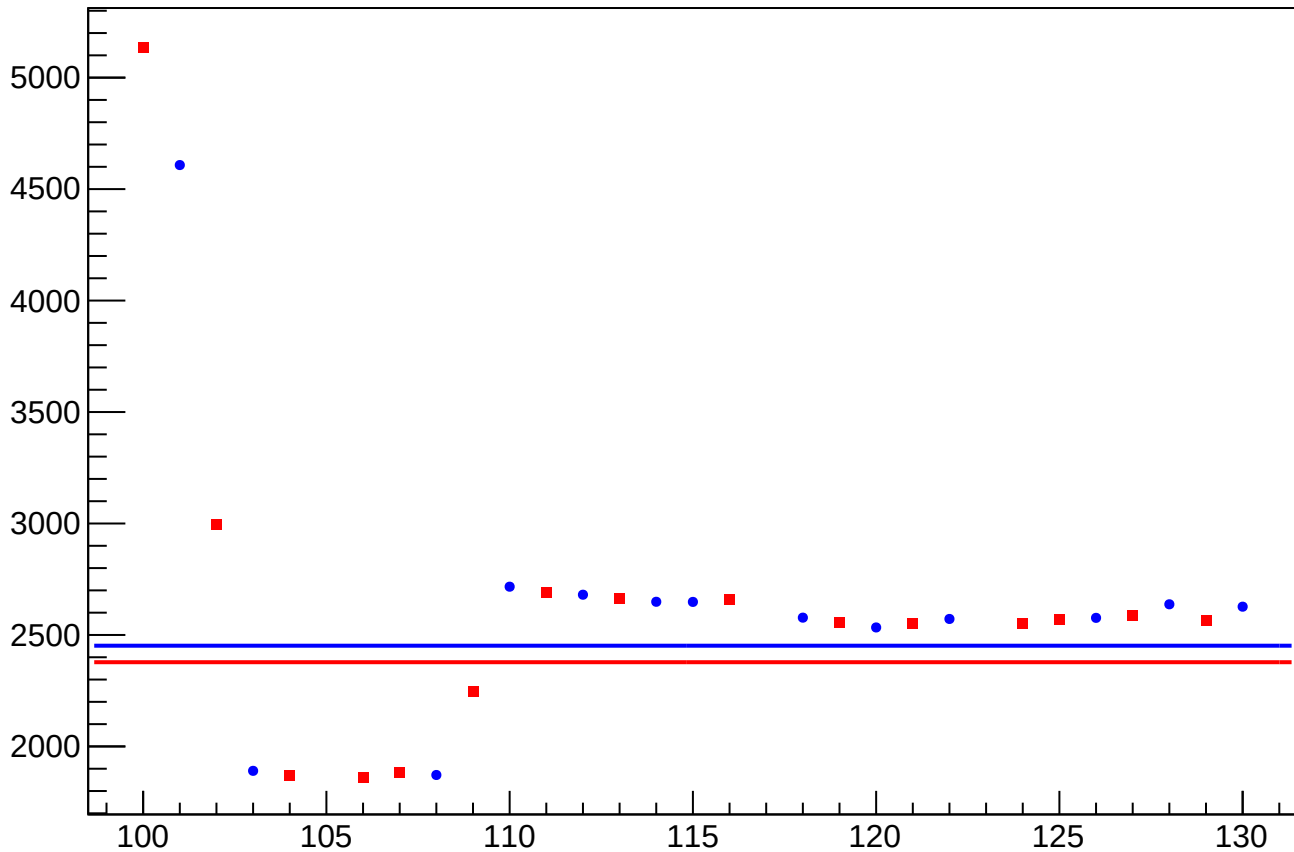
Right: 3115.833 $\pm$ 732.526 χ^2 /NDF: 20.3/27

In: 4024.748 $\pm$ 1065.768 χ^2 /NDF:8.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3115.833 $\pm$ 732.526 χ^2 /NDF: 20.3/27

cor_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2451.842+/-0.754 χ^2/NDF : 504525.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2377.802+/-0.713 χ^2/NDF : 291300.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

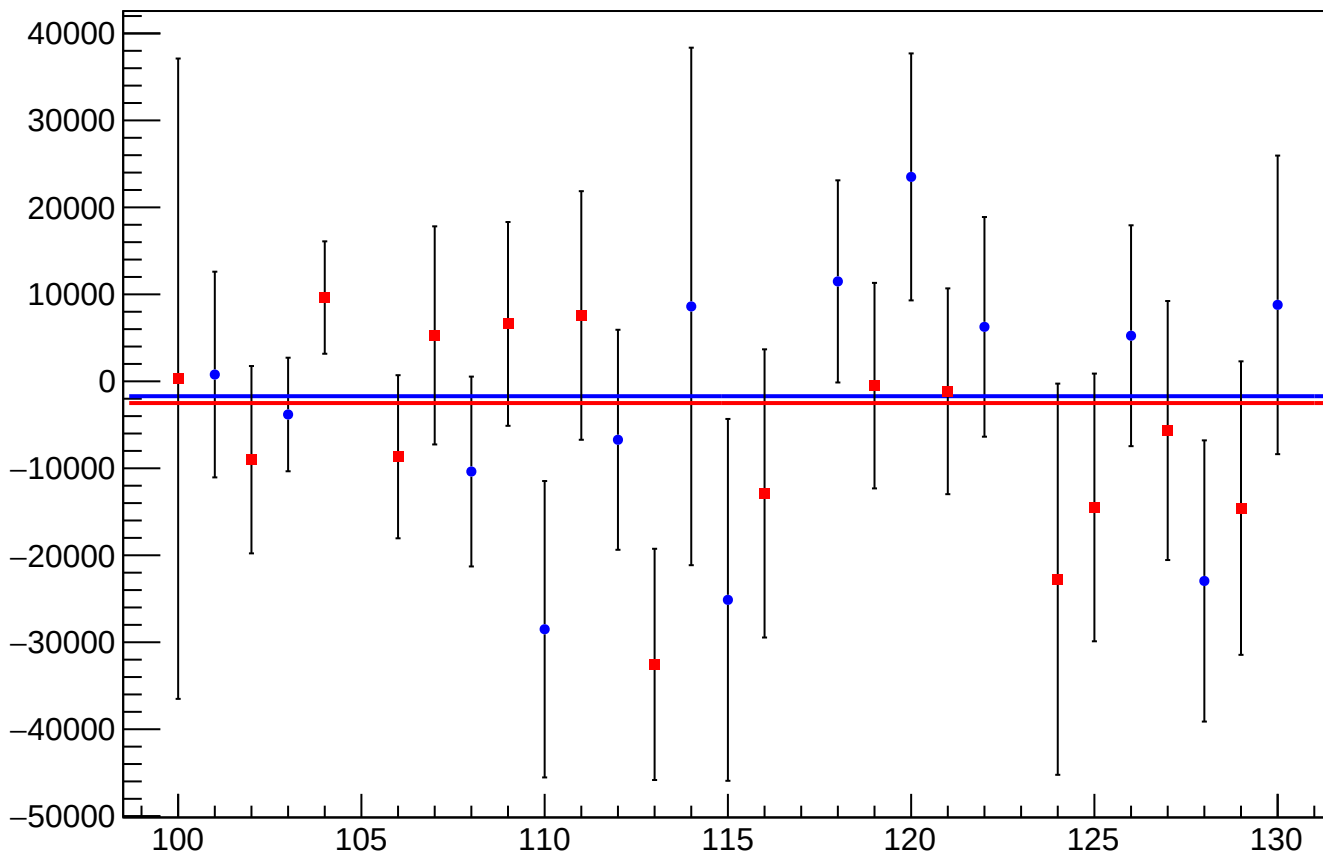
Right: 2412.780+/-0.518 χ^2/NDF : 800918.2/27

In: 2451.842+/-0.754 χ^2/NDF : 504525.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2412.780+/-0.518 χ^2/NDF : 800918.2/27

asym_atr2_cor_correction_mean vs Slug, Sign Corrected



Right In: -1709.978+/-3446.170 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2498.171+/-3145.829 χ^2/NDF : 13.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

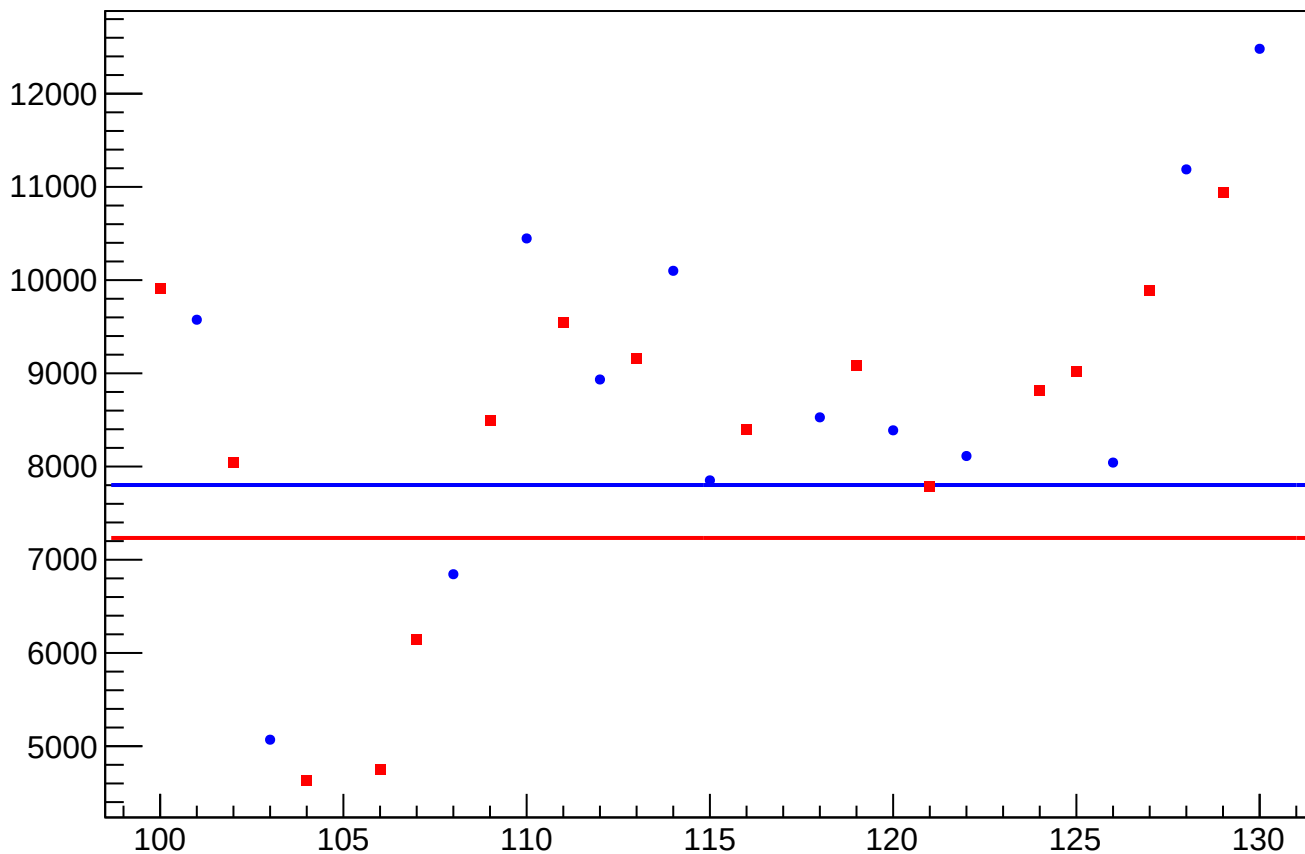
Right: -2139.911+/-2323.375 χ^2/NDF : 25.4/27

In: -1709.978+/-3446.170 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2139.911+/-2323.375 χ^2/NDF : 25.4/27

asym_atr2_cor_correction_rms vs Slug, Sign Corrected



Right In: 7801.848+/-2.437 χ^2/NDF : 736391.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7233.728+/-2.224 χ^2/NDF : 879547.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

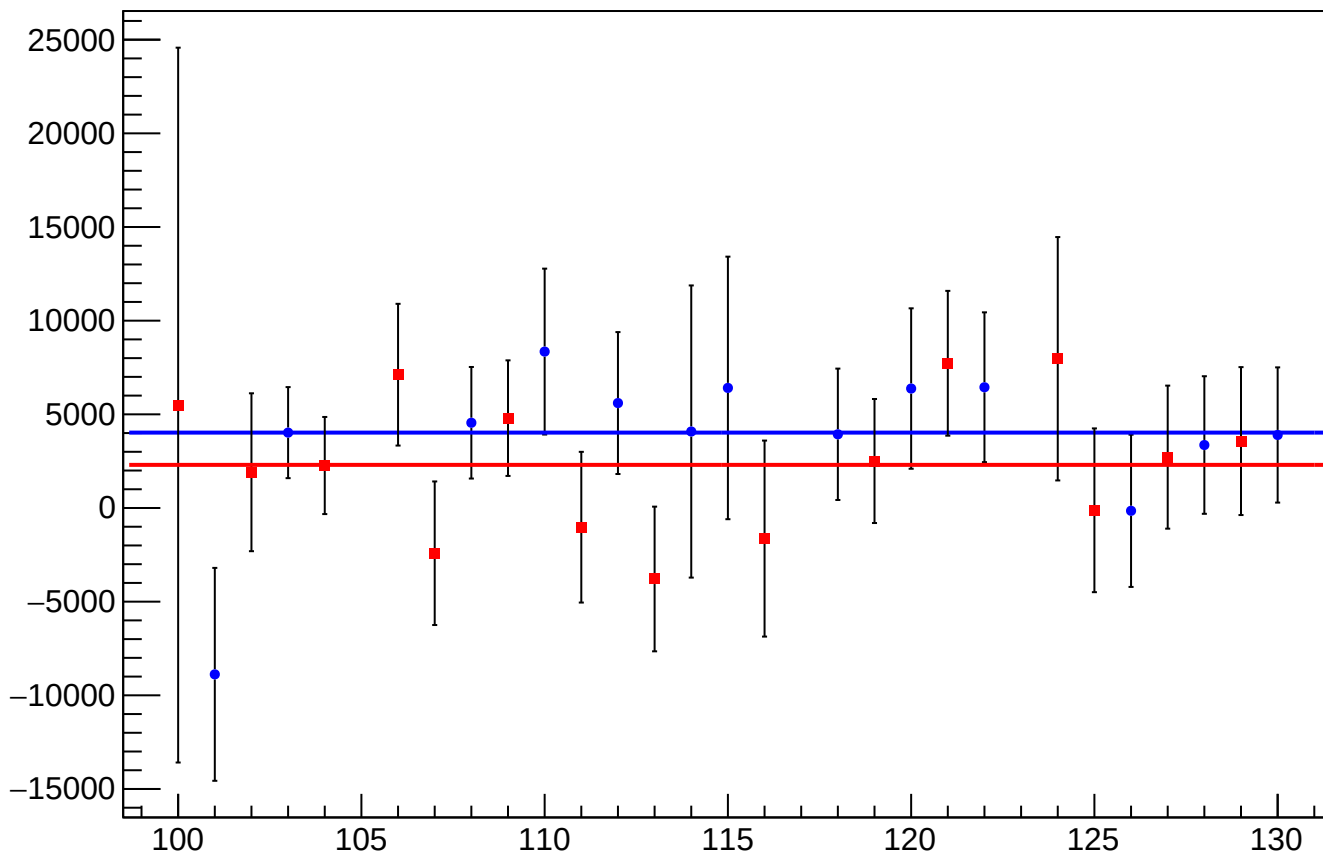
Right: 7491.957+/-1.643 χ^2/NDF : 1645587.0/27

In: 7801.848+/-2.437 χ^2/NDF : 736391.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7491.957+/-1.643 χ^2/NDF : 1645587.0/27

eigen_cor_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4024.748+/-1065.768 χ^2/NDF : 8.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2301.977+/-1008.498 χ^2/NDF : 10.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

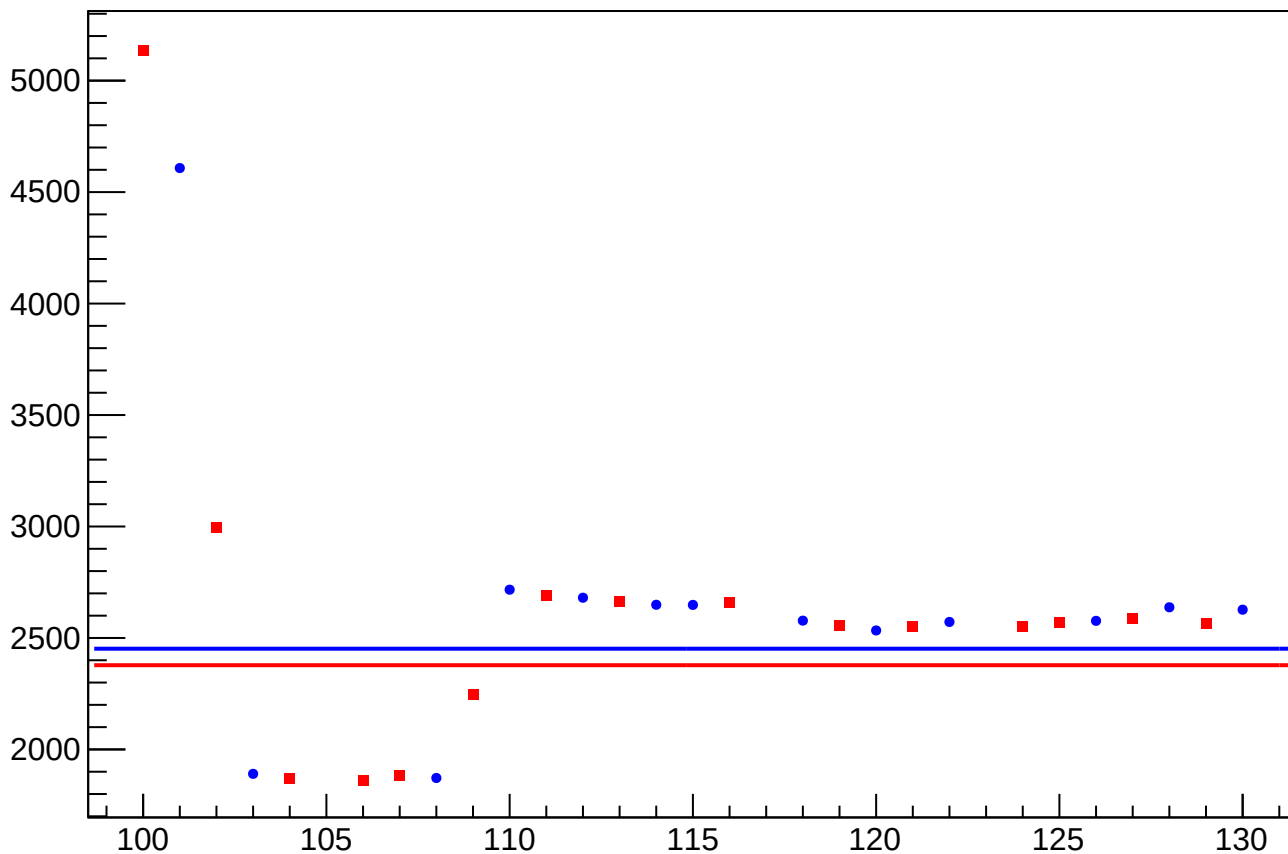
Right: 3115.833+/-732.526 χ^2/NDF : 20.3/27

In: 4024.748+/-1065.768 χ^2/NDF :8.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3115.833+/-732.526 χ^2/NDF : 20.3/27

eigen_cor_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2451.842+/-0.754 χ^2/NDF : 504525.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2377.802+/-0.713 χ^2/NDF : 291300.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

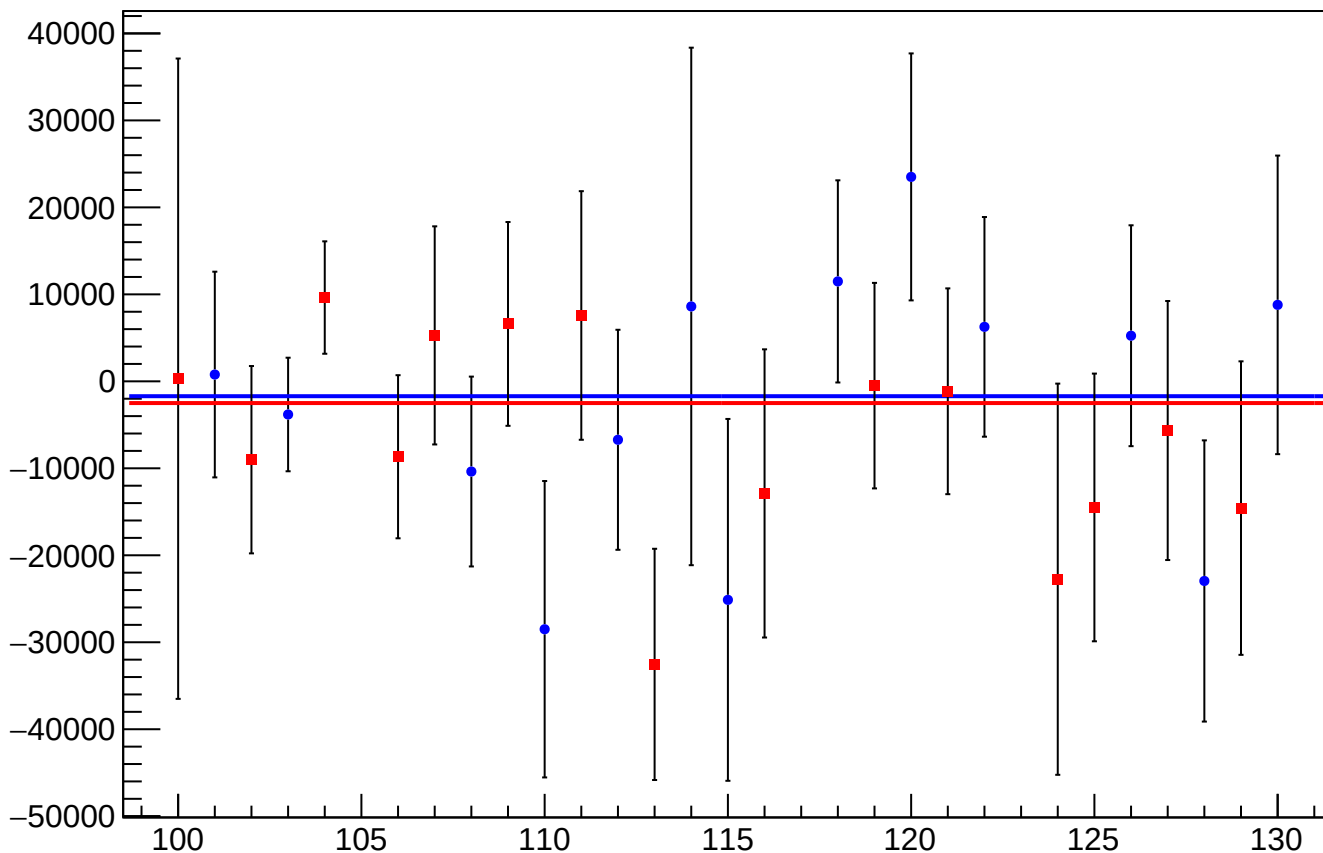
Right: 2412.780+/-0.518 χ^2/NDF : 800918.2/27

In: 2451.842+/-0.754 χ^2/NDF : 504525.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2412.780+/-0.518 χ^2/NDF : 800918.2/27

asym_atr2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1709.978+/-3446.170 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2498.171+/-3145.829 χ^2/NDF : 13.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

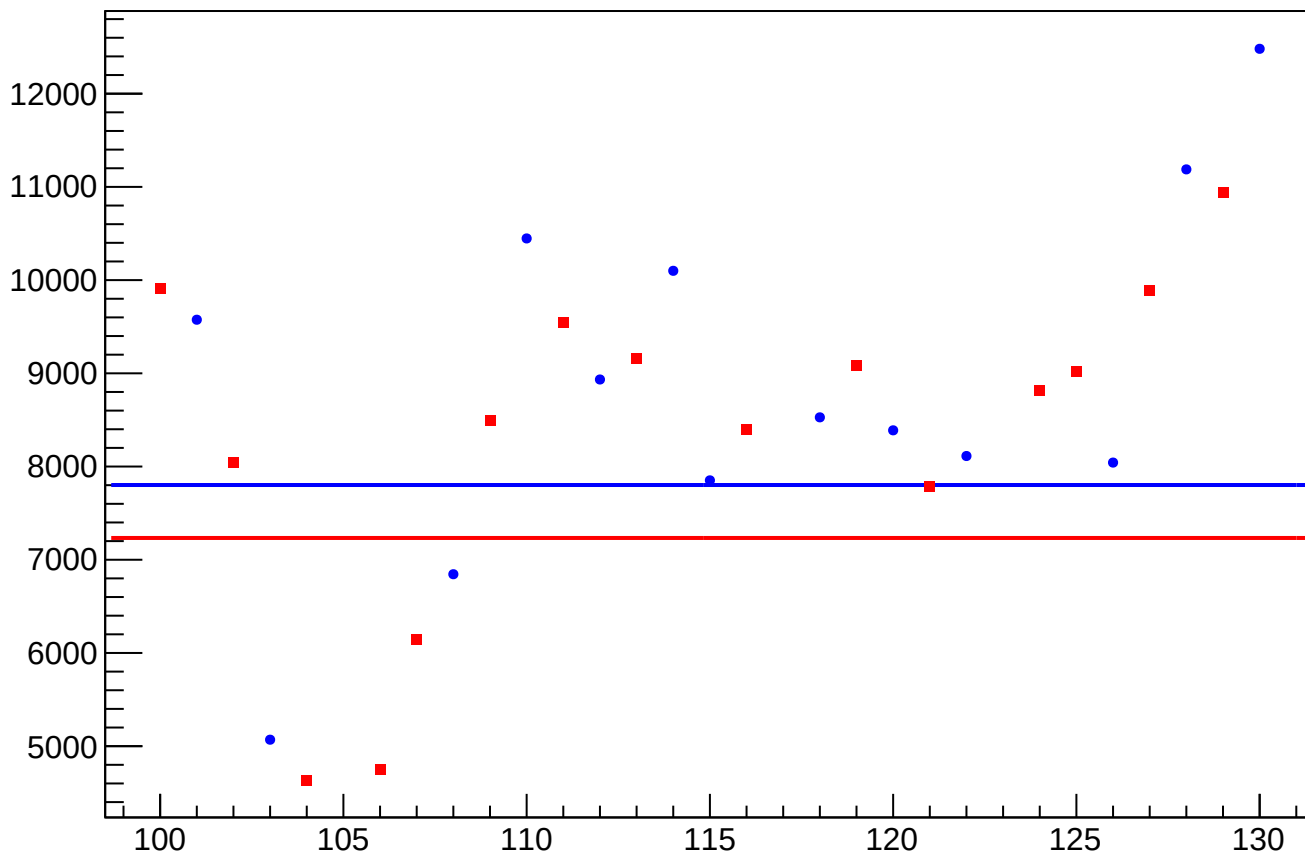
Right: -2139.911+/-2323.375 χ^2/NDF : 25.4/27

In: -1709.978+/-3446.170 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2139.911+/-2323.375 χ^2/NDF : 25.4/27

asym_atr2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 7801.848+/-2.437 χ^2/NDF : 736391.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7233.728+/-2.224 χ^2/NDF : 879547.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

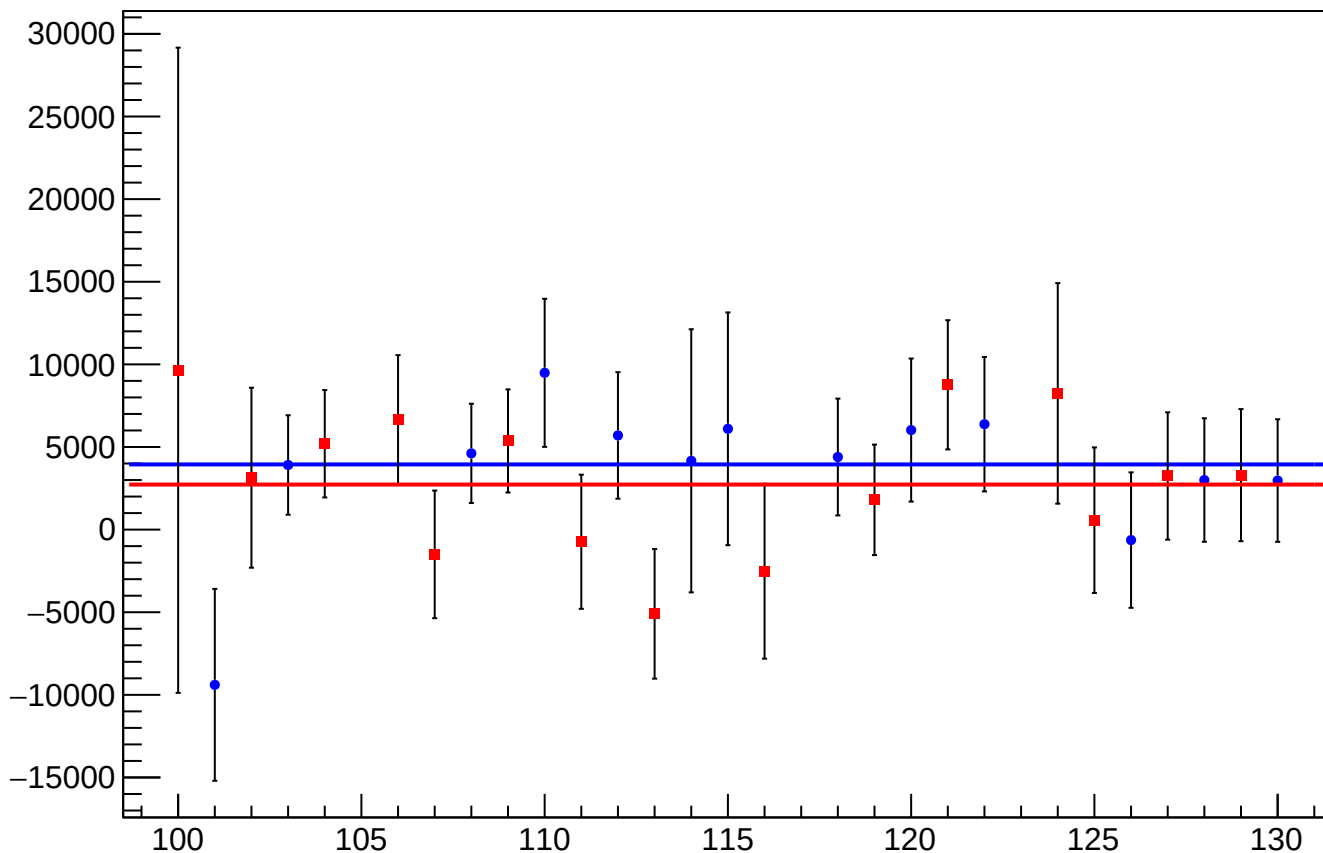
Right: 7491.957+/-1.643 χ^2/NDF : 1645587.0/27

In: 7801.848+/-2.437 χ^2/NDF : 736391.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7491.957+/-1.643 χ^2/NDF : 1645587.0/27

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3945.667+/-1116.273 χ^2/NDF : 9.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2727.625+/-1061.907 χ^2/NDF : 12.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

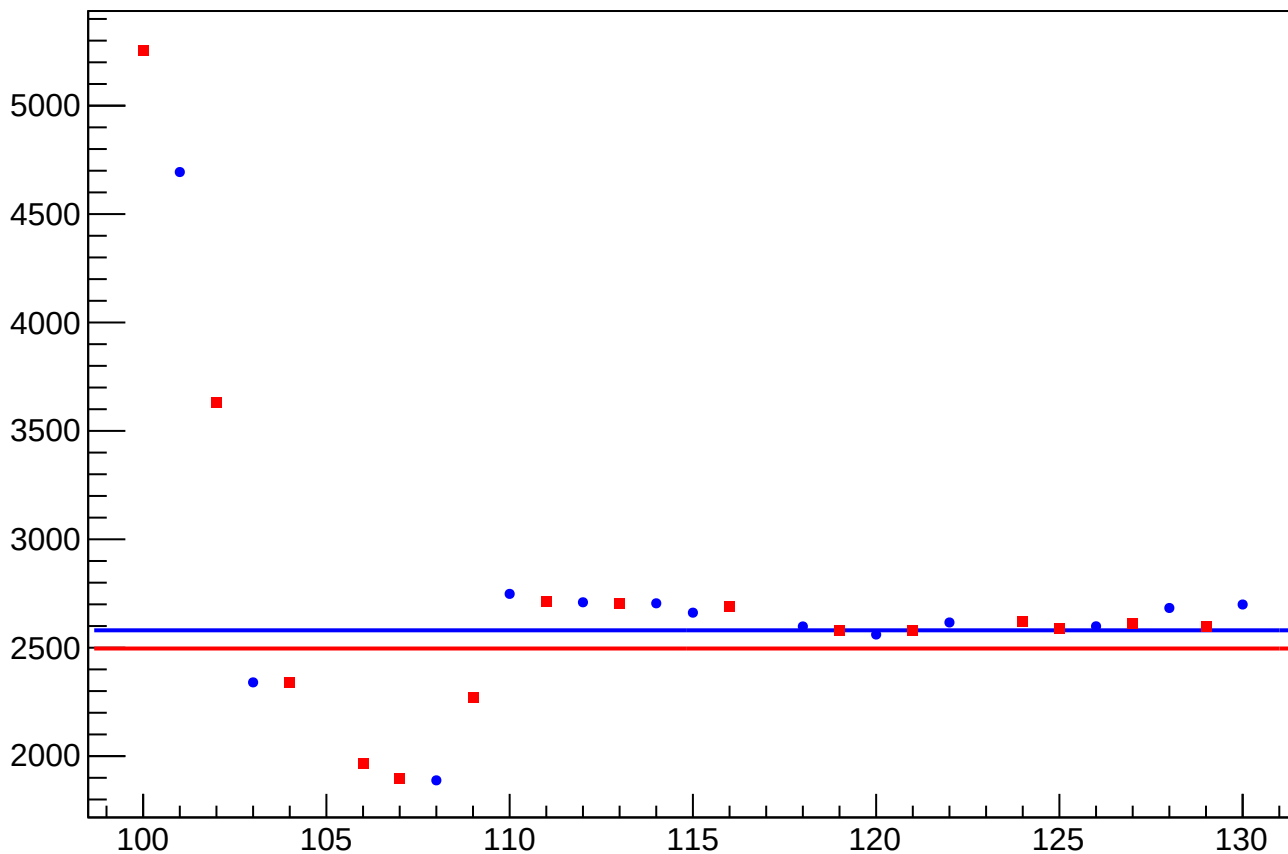
Right: 3306.263+/-769.383 χ^2/NDF : 22.5/27

In: 3945.667+/-1116.273 χ^2/NDF :9.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3306.263+/-769.383 χ^2/NDF : 22.5/27

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2580.258+/-0.789 χ^2/NDF : 393534.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2496.348+/-0.750 χ^2/NDF : 248450.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

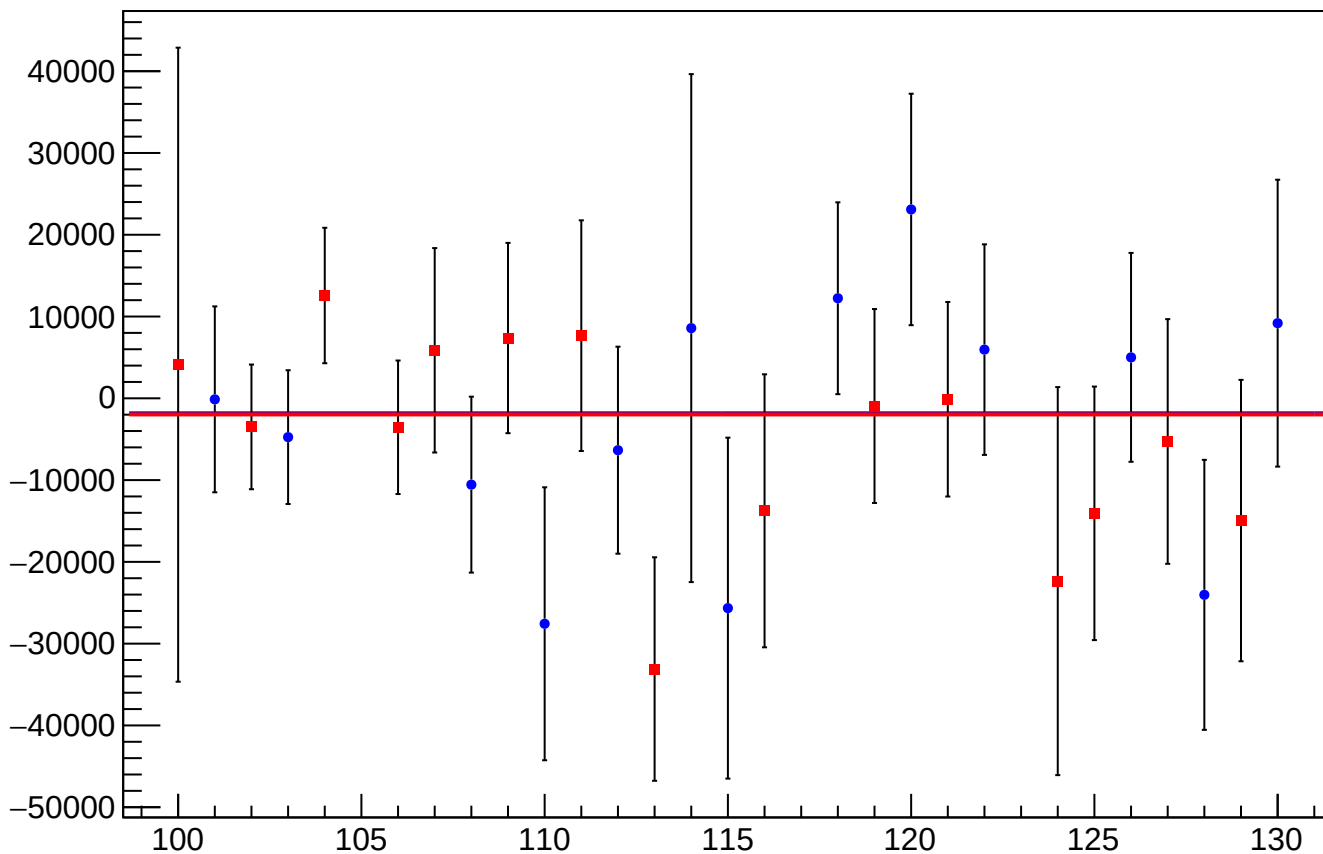
Right: 2536.180+/-0.544 χ^2/NDF : 647921.3/27

In: 2580.258+/-0.789 χ^2/NDF : 393534.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2536.180+/-0.544 χ^2/NDF : 647921.3/27

asym_atr2_dit_correction_mean vs Slug, Sign Corrected



Right In: -1836.466+/-3631.034 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1969.695+/-3113.007 χ^2/NDF : 12.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

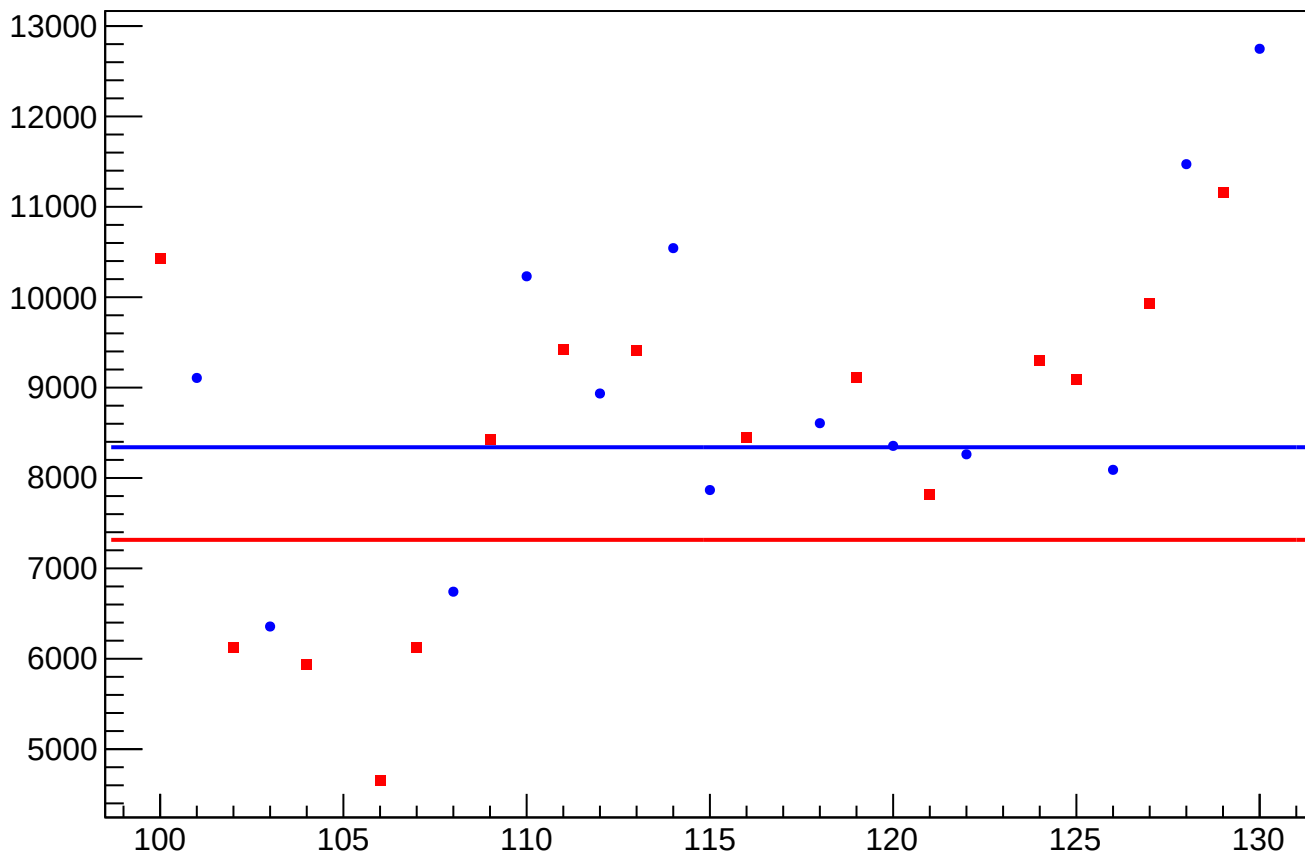
Right: -1913.254+/-2363.348 χ^2/NDF : 24.5/27

In: -1836.466+/-3631.034 χ^2/NDF : 12.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1913.254+/-2363.348 χ^2/NDF : 24.5/27

asym_atr2_dit_correction_rms vs Slug, Sign Corrected



Right In: 8340.197+/-2.568 χ^2/NDF : 412179.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 7315.503+/-2.201 χ^2/NDF : 716727.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

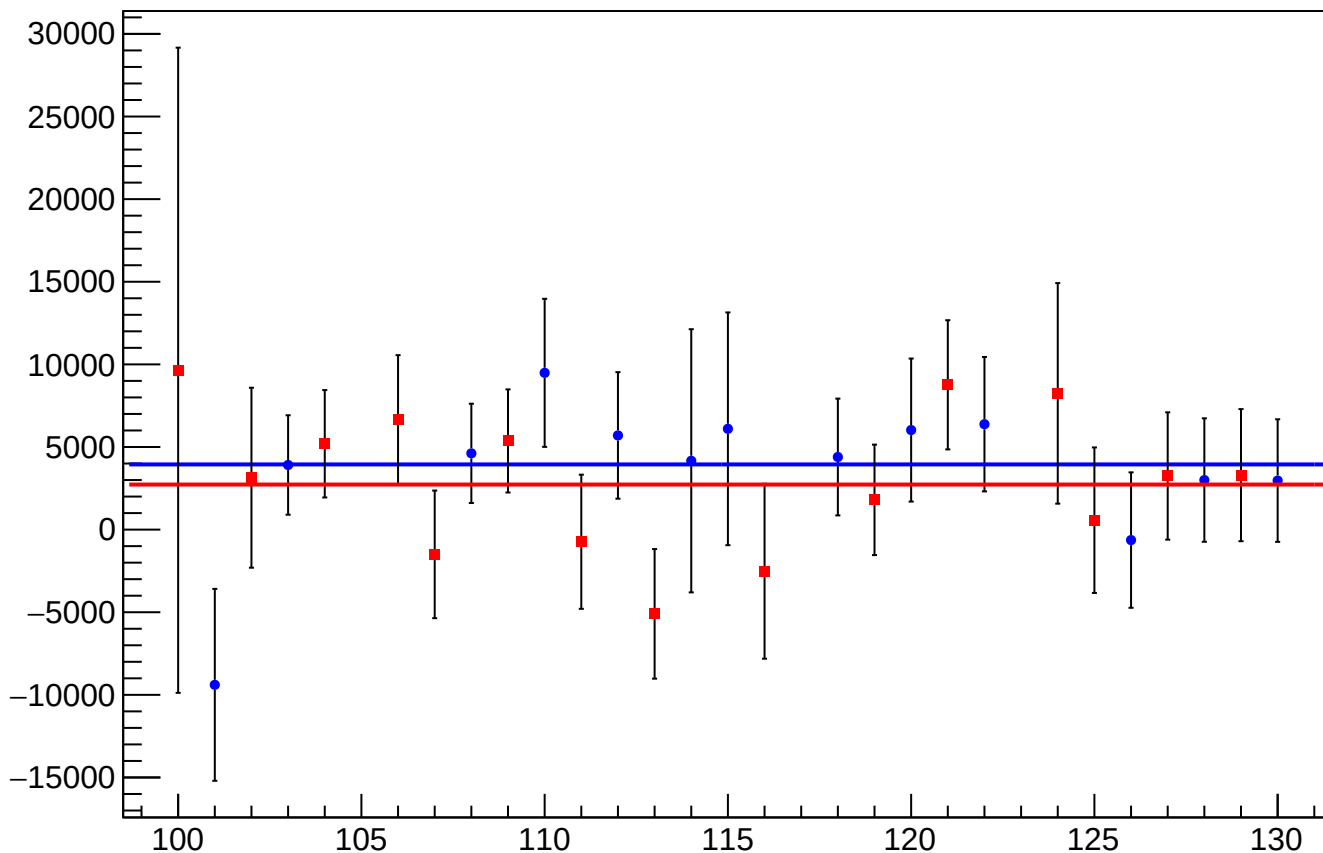
Right: 7749.602+/-1.671 χ^2/NDF : 1220709.1/27

In: 8340.197+/-2.568 χ^2/NDF :412179.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7749.602+/-1.671 χ^2/NDF : 1220709.1/27

eigen_dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3945.668+/-1116.272 χ^2/NDF : 9.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2727.635+/-1061.906 χ^2/NDF : 12.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

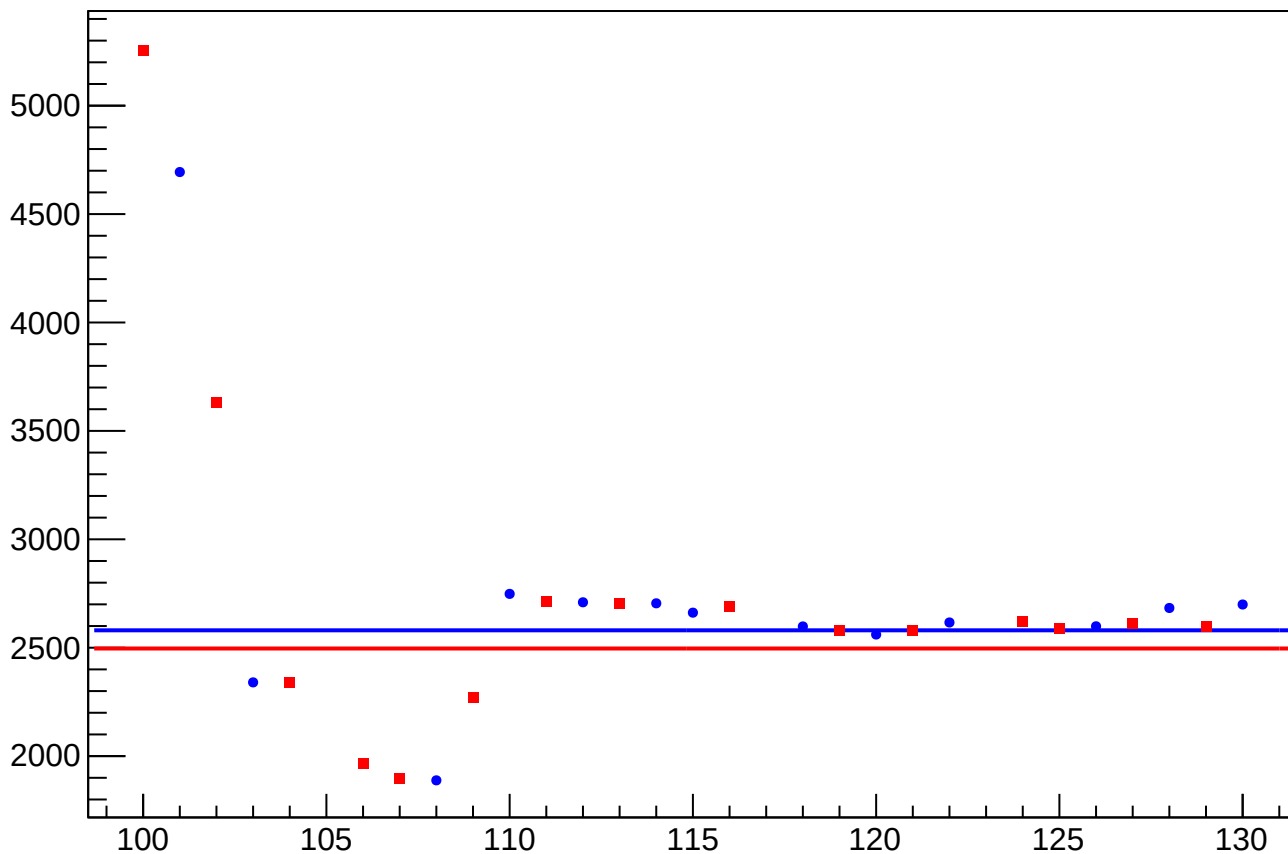
Right: 3306.269+/-769.383 χ^2/NDF : 22.5/27

In: 3945.668+/-1116.272 χ^2/NDF : 9.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3306.269+/-769.383 χ^2/NDF : 22.5/27

eigen_dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2580.257+/-0.789 χ^2/NDF : 393534.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2496.348+/-0.750 χ^2/NDF : 248450.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

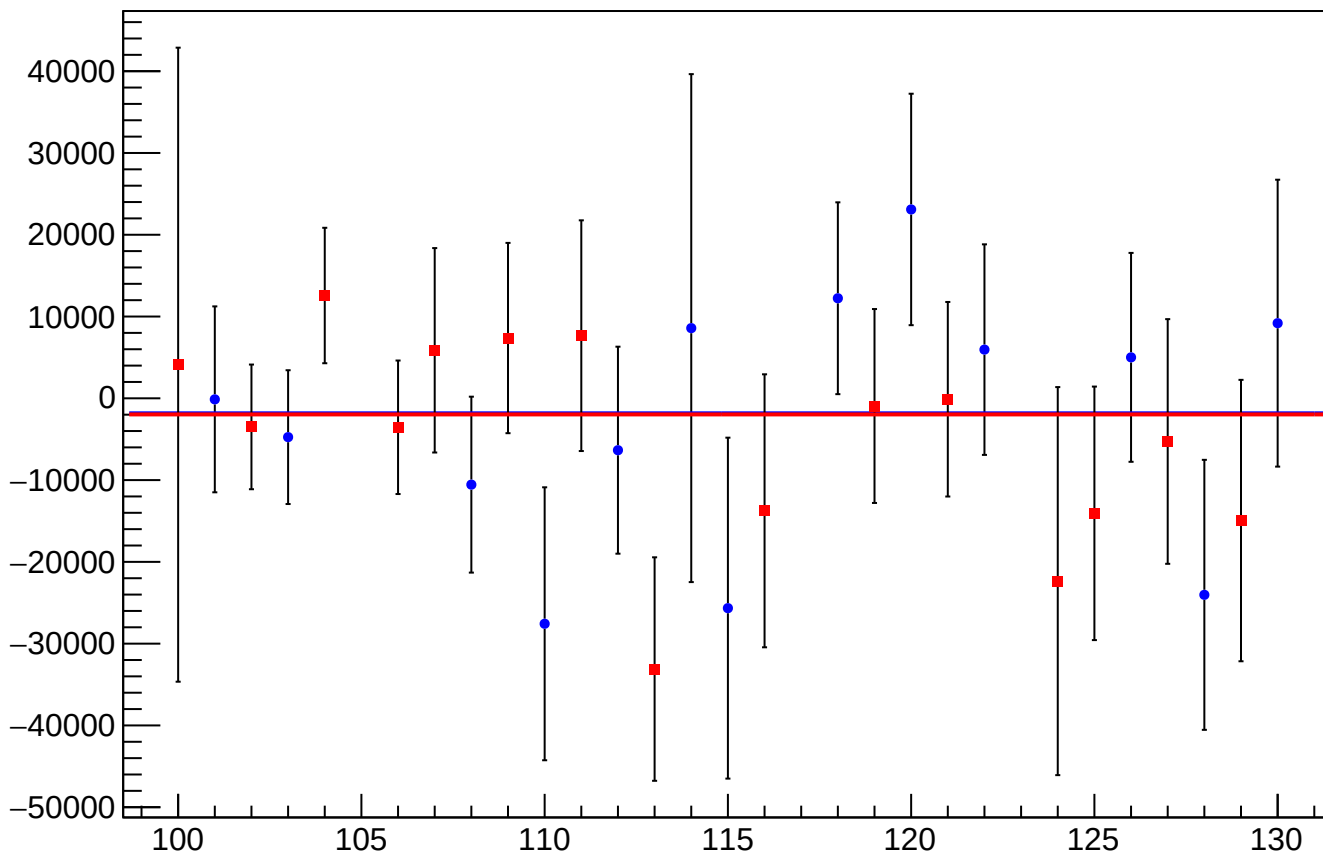
Right: 2536.180+/-0.544 χ^2/NDF : 647920.7/27

In: 2580.257+/-0.789 χ^2/NDF : 393534.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2536.180+/-0.544 χ^2/NDF : 647920.7/27

asym_atr2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1836.450+/-3631.025 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1969.688+/-3113.001 χ^2/NDF : 12.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

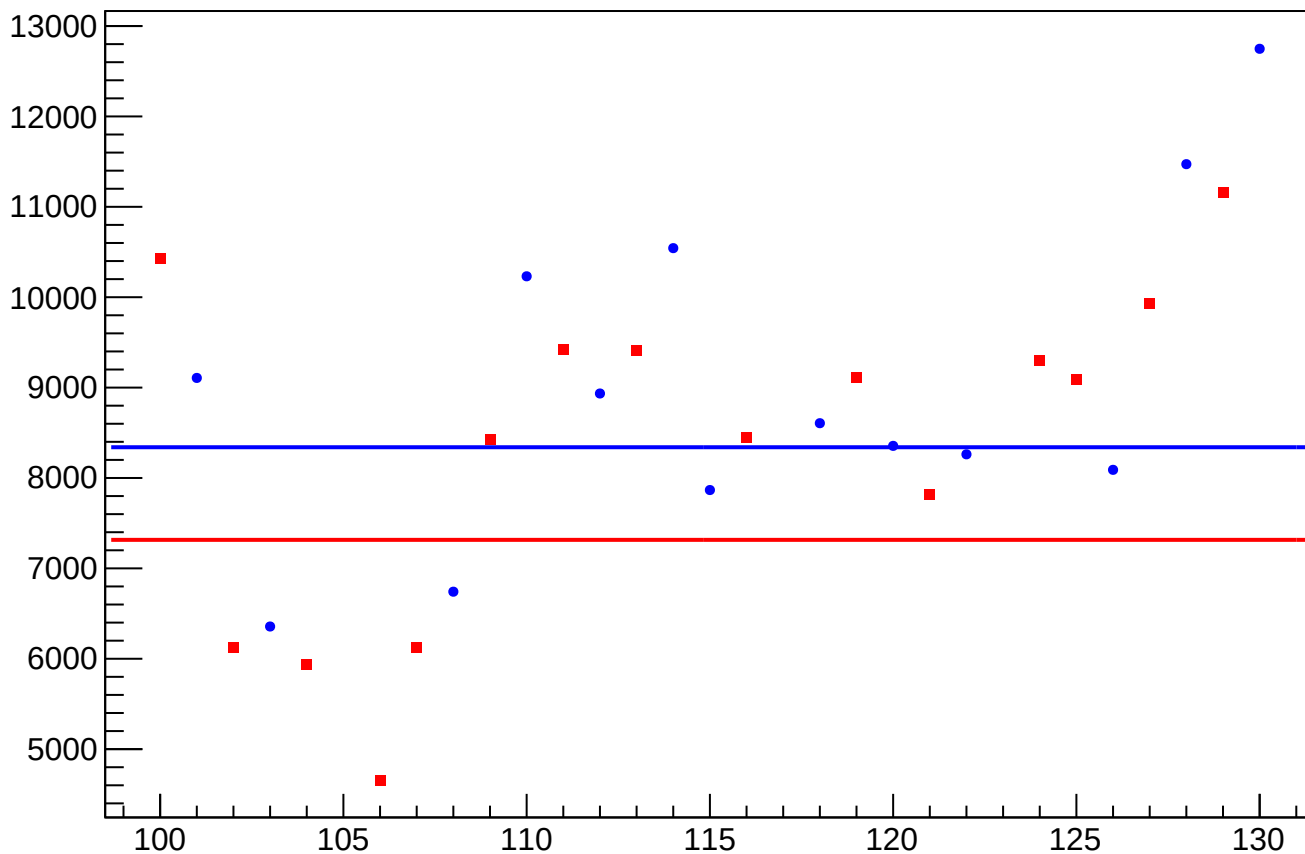
Right: -1913.244+/-2363.343 χ^2/NDF : 24.5/27

In: -1836.450+/-3631.025 χ^2/NDF : 12.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1913.244+/-2363.343 χ^2/NDF : 24.5/27

asym_atr2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 8340.180+/-2.568 χ^2/NDF : 412174.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7315.489+/-2.201 χ^2/NDF : 716723.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

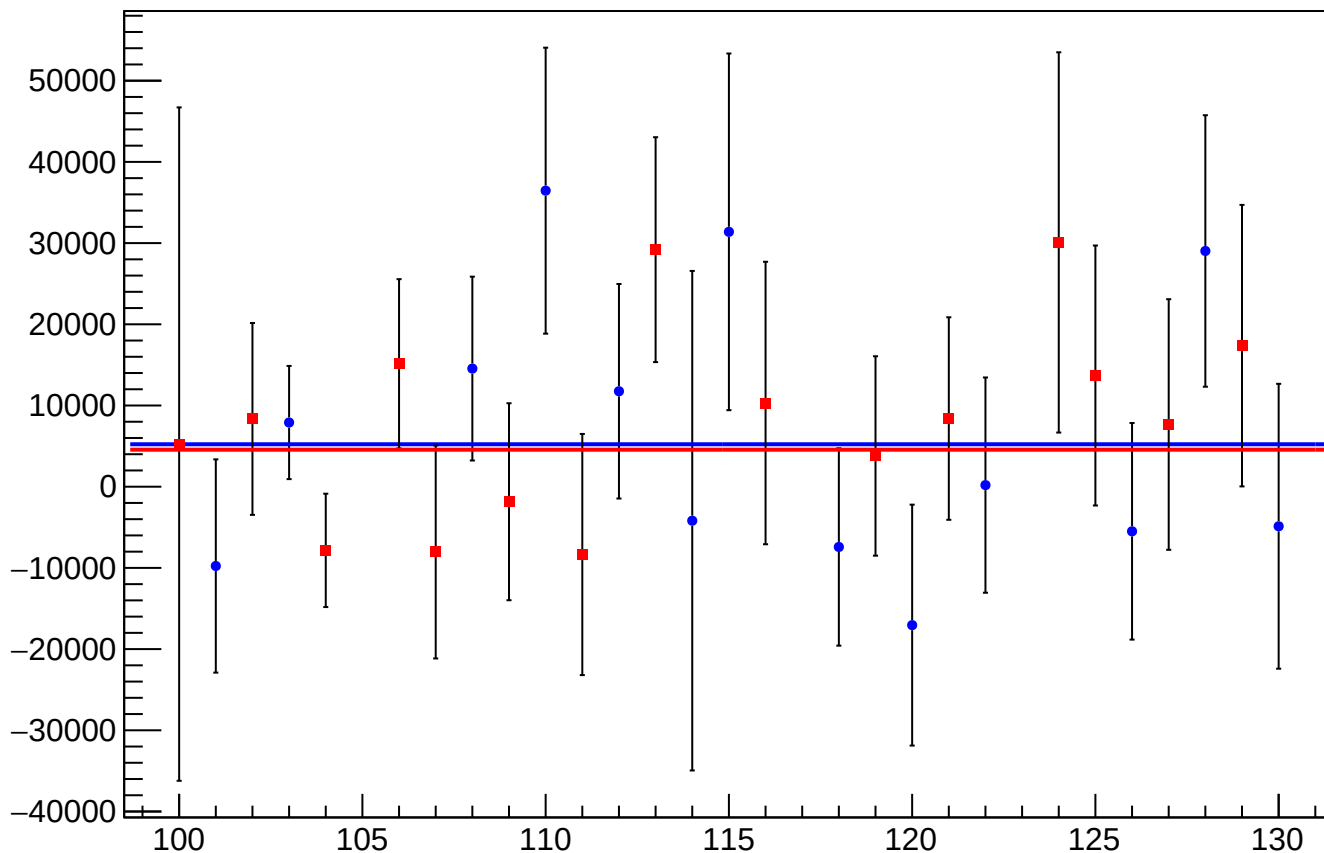
Right: 7749.587+/-1.671 χ^2/NDF : 1220700.0/27

In: 8340.180+/-2.568 χ^2/NDF : 412174.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7749.587+/-1.671 χ^2/NDF : 1220700.0/27

asym_atr2_mean vs Slug, Sign Corrected



Right In: 5226.010+/-3633.801 χ^2/NDF : 13.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4558.786+/-3343.278 χ^2/NDF : 11.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

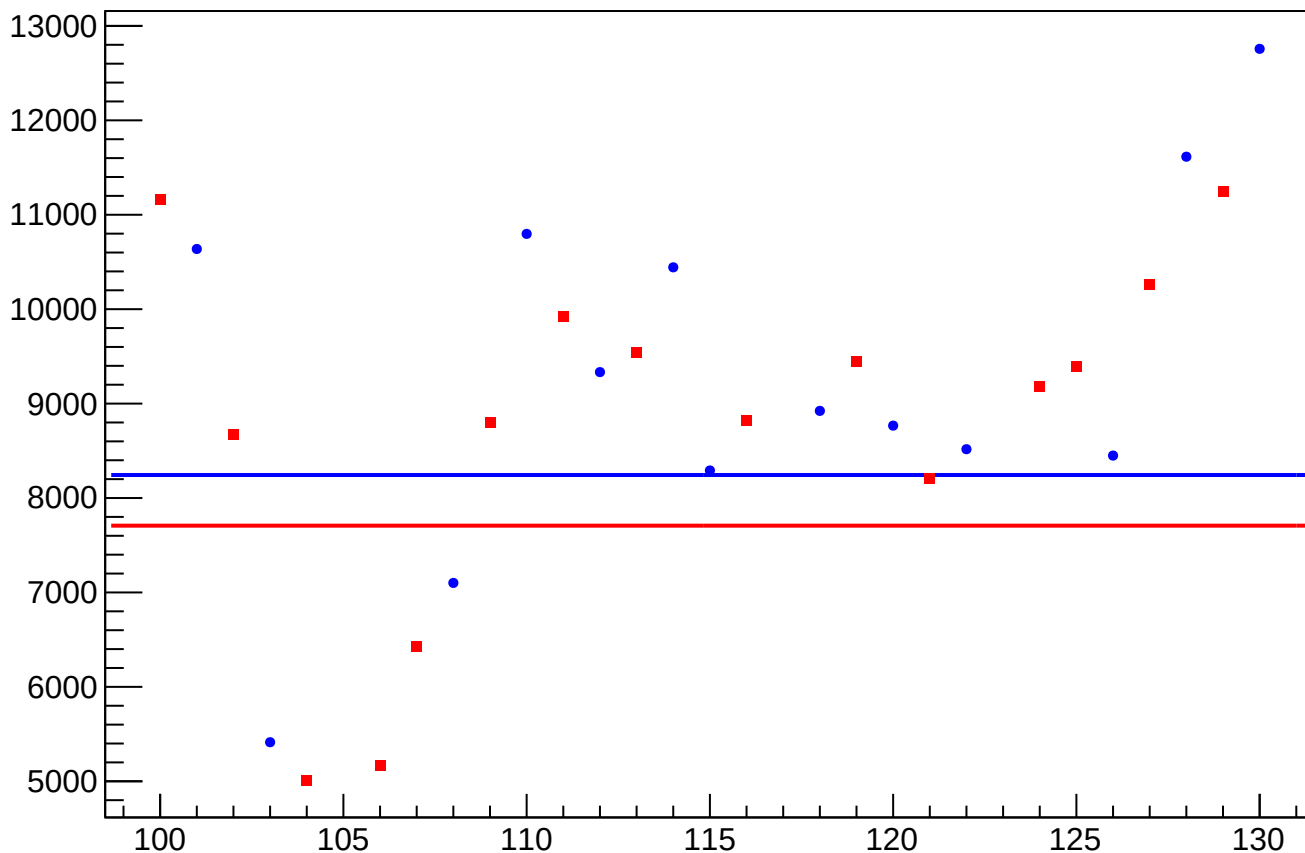
Right: 4864.663+/-2460.361 χ^2/NDF : 25.3/27

In: 5226.010+/-3633.801 χ^2/NDF : 13.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4864.663+/-2460.361 χ^2/NDF : 25.3/27

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8243.916+/-2.569 χ^2/NDF : 706311.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7707.322+/-2.364 χ^2/NDF : 779318.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

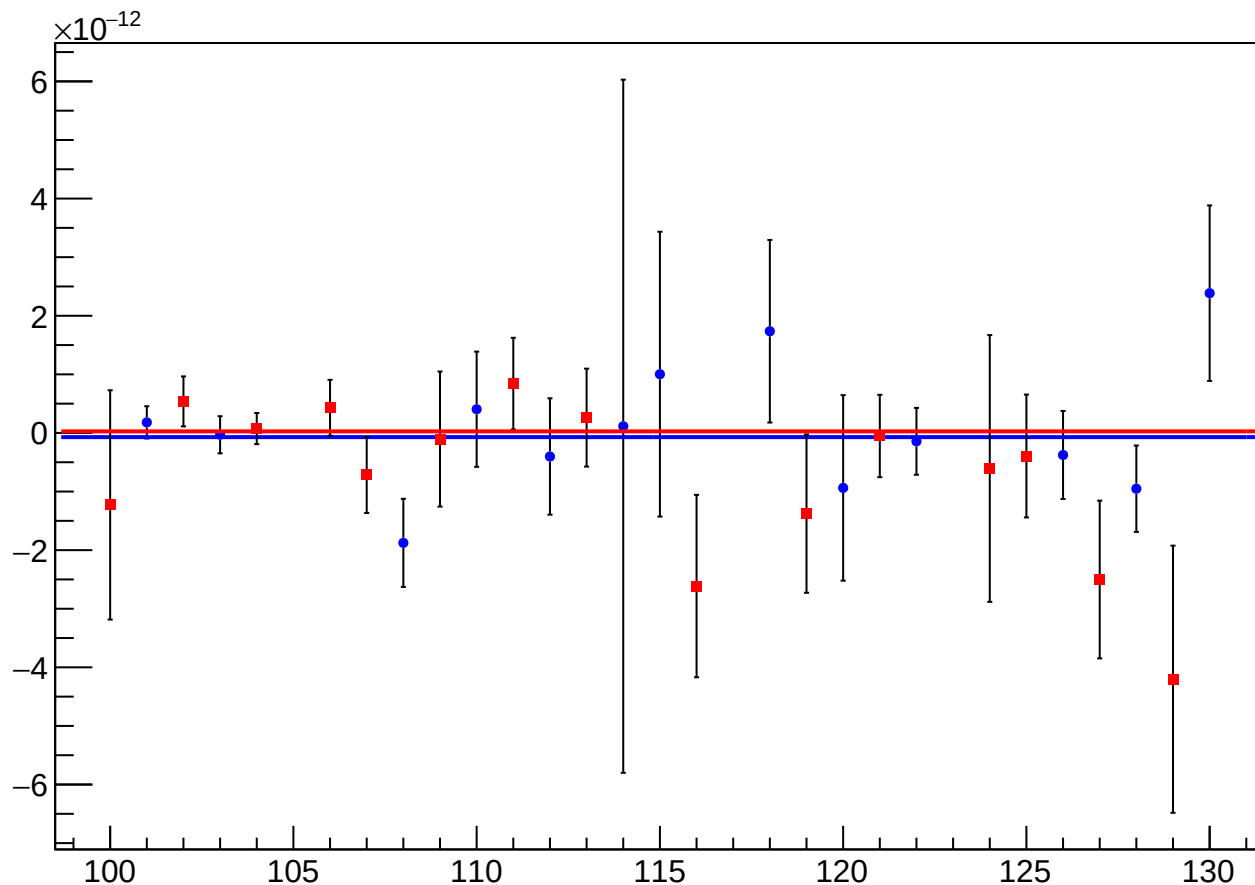
Right: 7953.308+/-1.740 χ^2/NDF : 1509248.2/27

In: 8243.916+/-2.569 χ^2/NDF : 706311.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7953.308+/-1.740 χ^2/NDF : 1509248.2/27

asym_atr2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

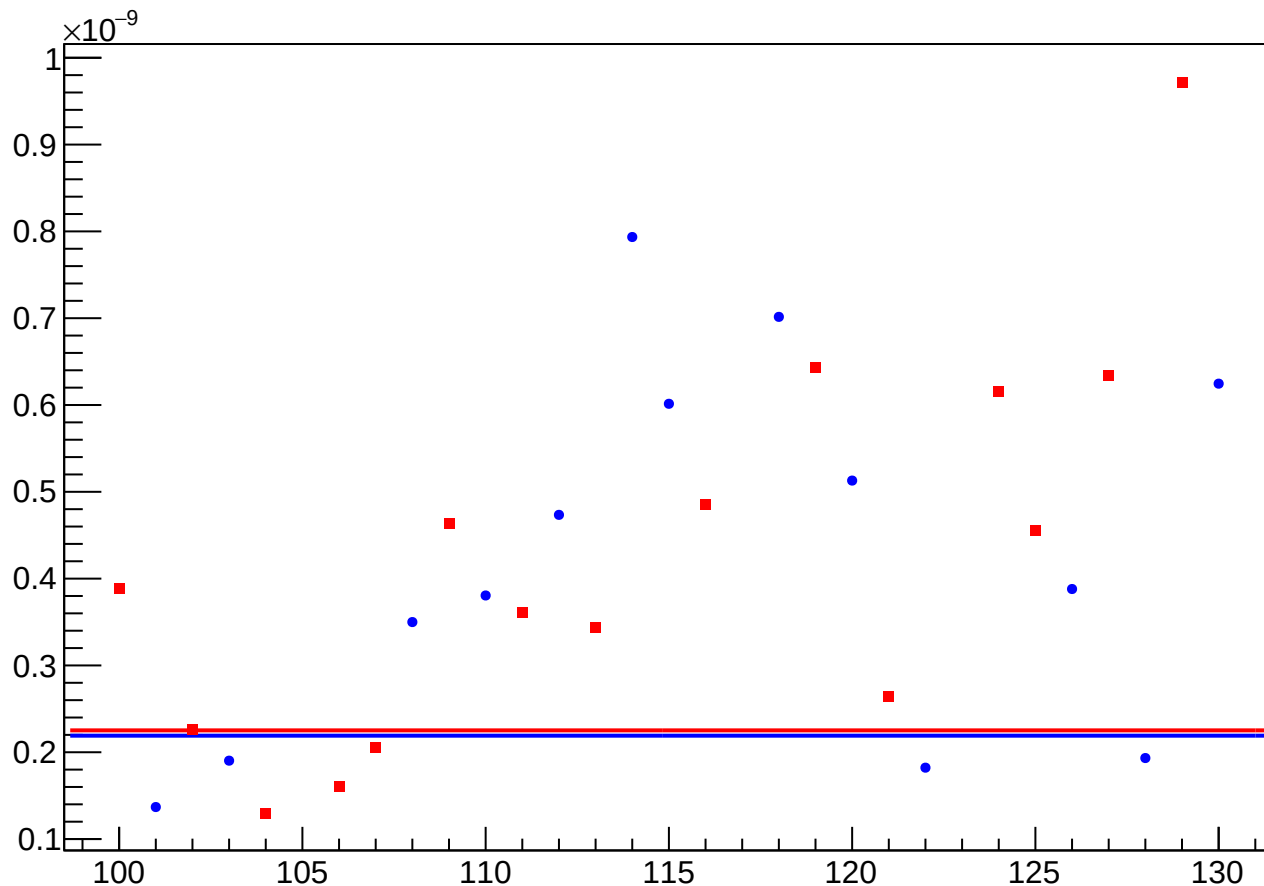
Right: -0.000+/-0.000 χ^2/NDF : 29.5/27

In: -0.000+/-0.000 χ^2/NDF : 13.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.5/27

asym_atr2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1028653.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1305291.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

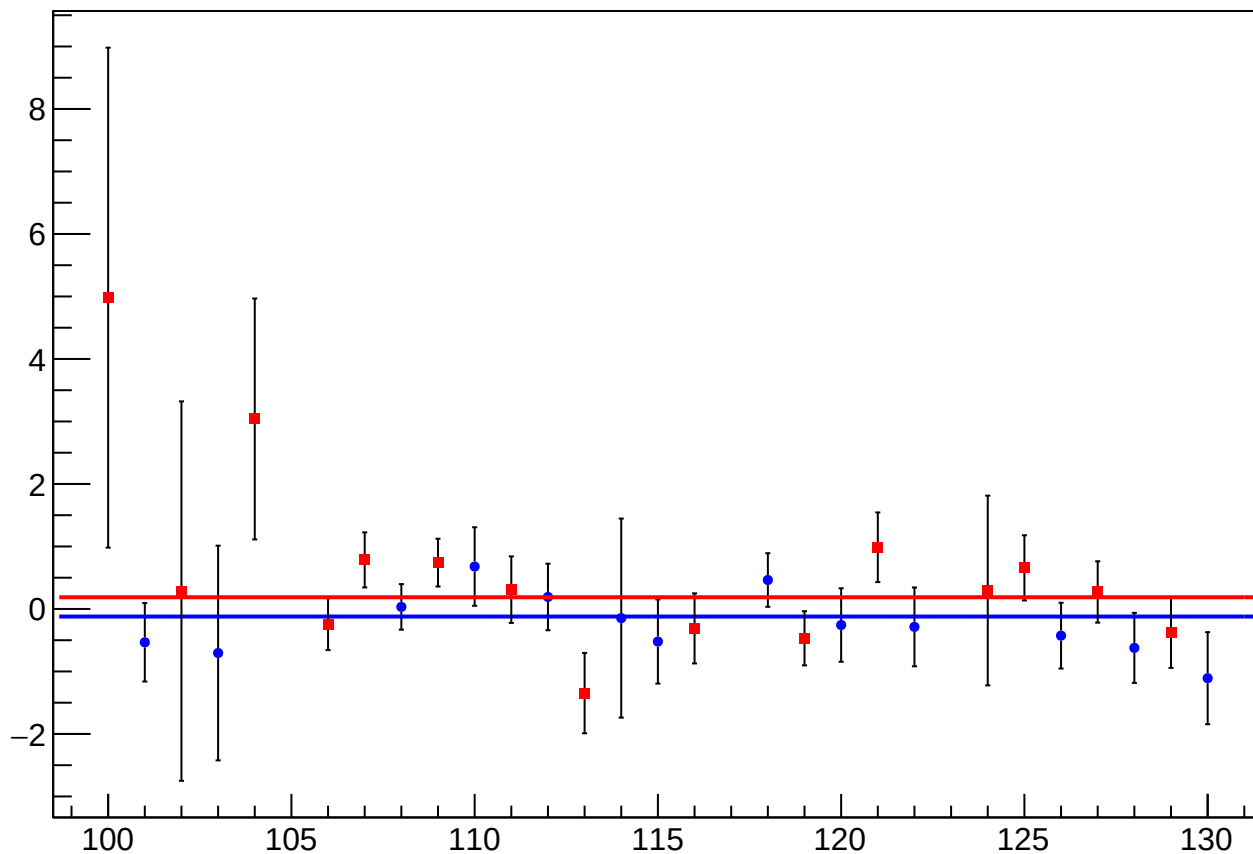
Right: 0.000+/-0.000 χ^2/NDF : 2335257.5/27

In: 0.000+/-0.000 χ^2/NDF : 1028653.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2335257.5/27

asym_atr2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.121 $\pm$ 0.161 χ^2 /NDF: 8.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.187 $\pm$ 0.145 χ^2 /NDF: 21.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

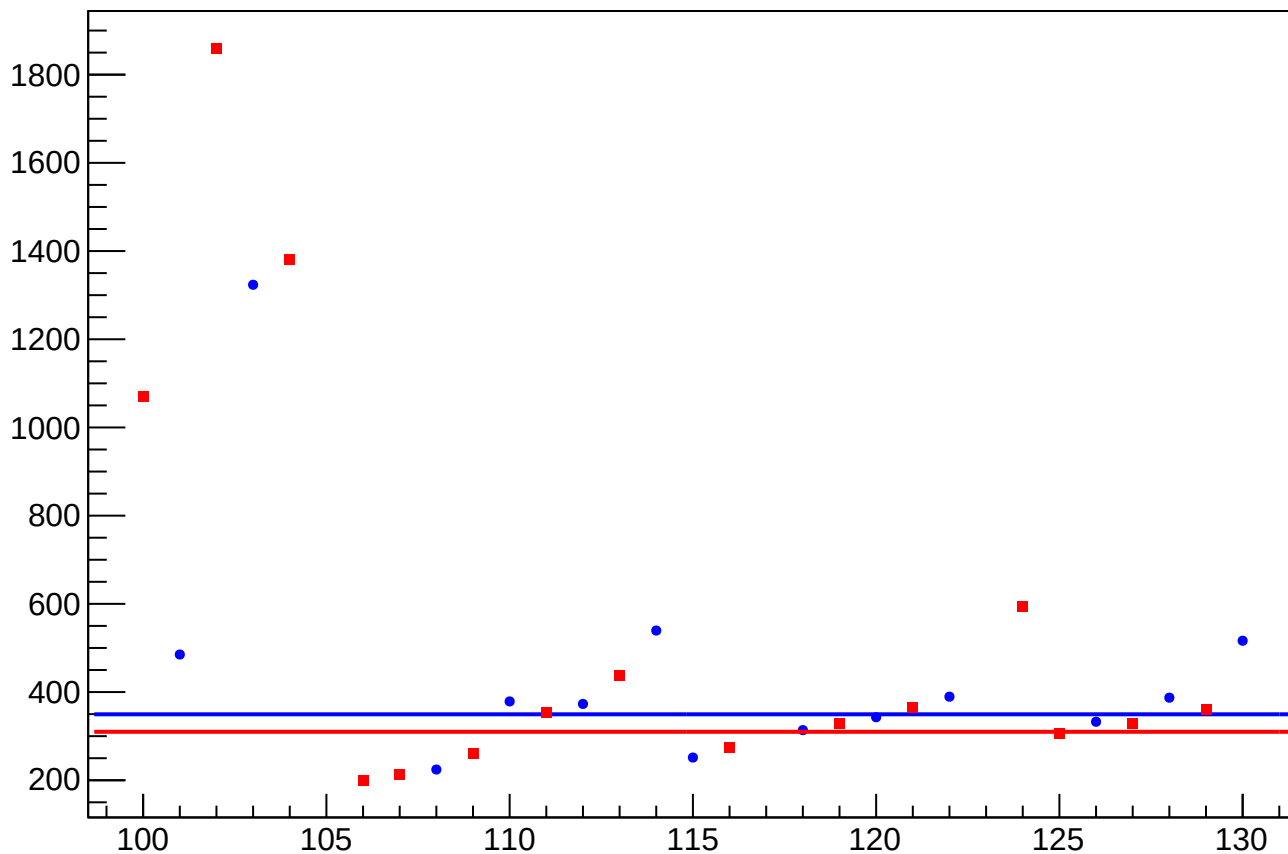
Right: 0.049 $\pm$ 0.108 χ^2 /NDF: 31.4/27

In: -0.121 $\pm$ 0.161 χ^2 /NDF:8.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.049 $\pm$ 0.108 χ^2 /NDF: 31.4/27

asym_atr2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 349.571+/-0.114 χ^2/NDF : 1186970.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 309.878+/-0.103 χ^2/NDF : 1695008.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

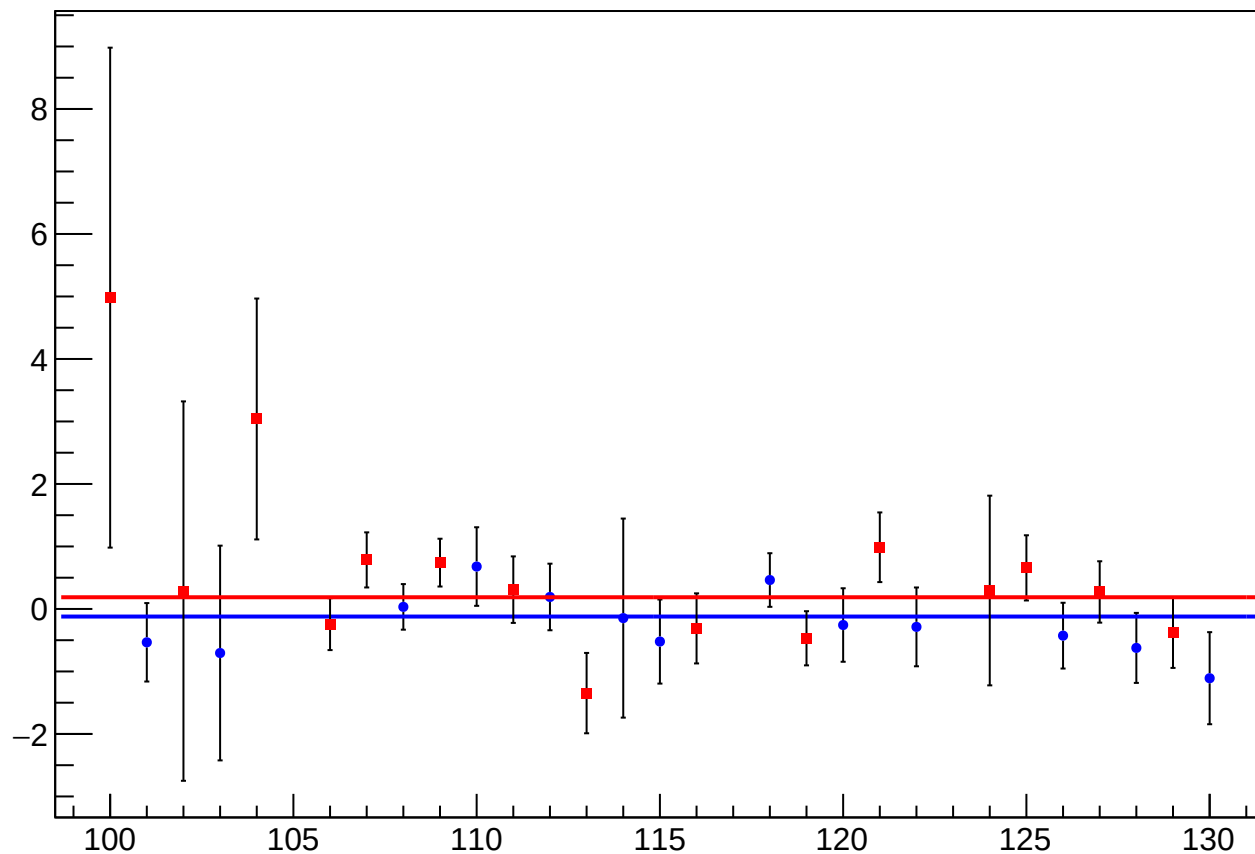
Right: 327.696+/-0.076 χ^2/NDF : 2948900.7/27

In: 349.571+/-0.114 χ^2/NDF : 1186970.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 327.696+/-0.076 χ^2/NDF : 2948900.7/27

asym_atr2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.121+/-0.161 χ^2/NDF : 8.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.187+/-0.145 χ^2/NDF : 21.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

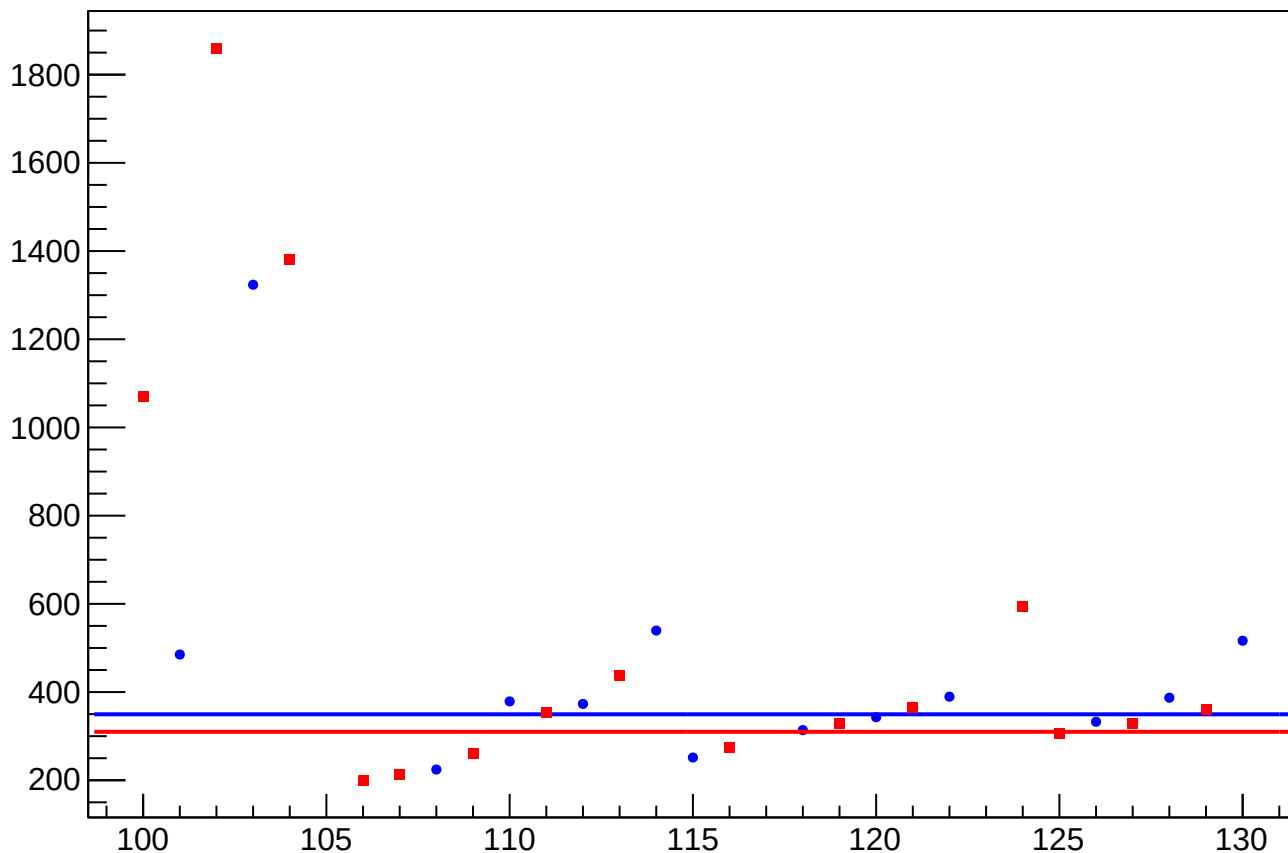
Right: 0.049+/-0.108 χ^2/NDF : 31.4/27

In: -0.121+/-0.161 χ^2/NDF :8.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.049+/-0.108 χ^2/NDF : 31.4/27

asym_atr2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 349.571+/-0.114 χ^2/NDF : 1186970.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 309.878+/-0.103 χ^2/NDF : 1695008.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

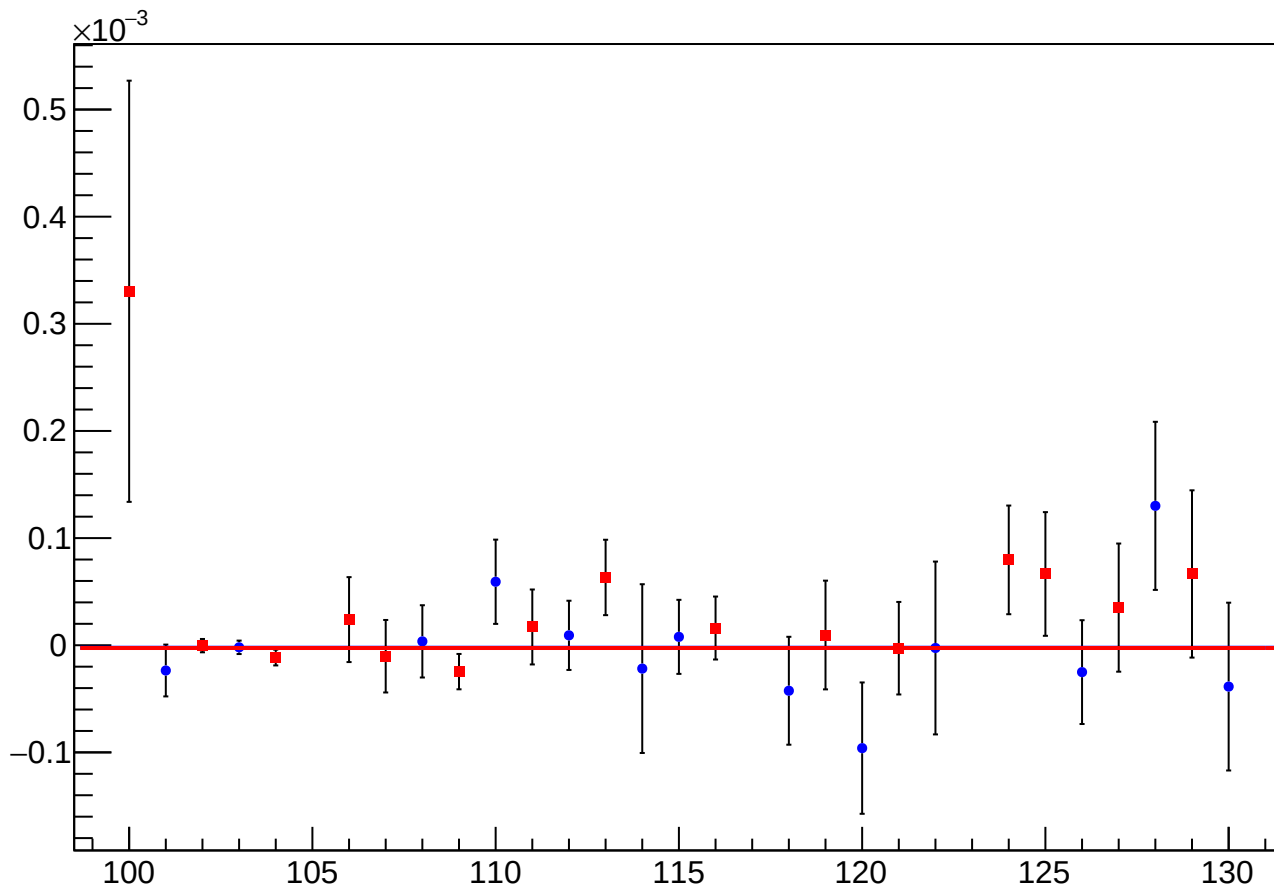
Right: 327.696+/-0.076 χ^2/NDF : 2948900.7/27

In: 349.571+/-0.114 χ^2/NDF :1186970.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 327.696+/-0.076 χ^2/NDF : 2948900.7/27

asym_atr2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

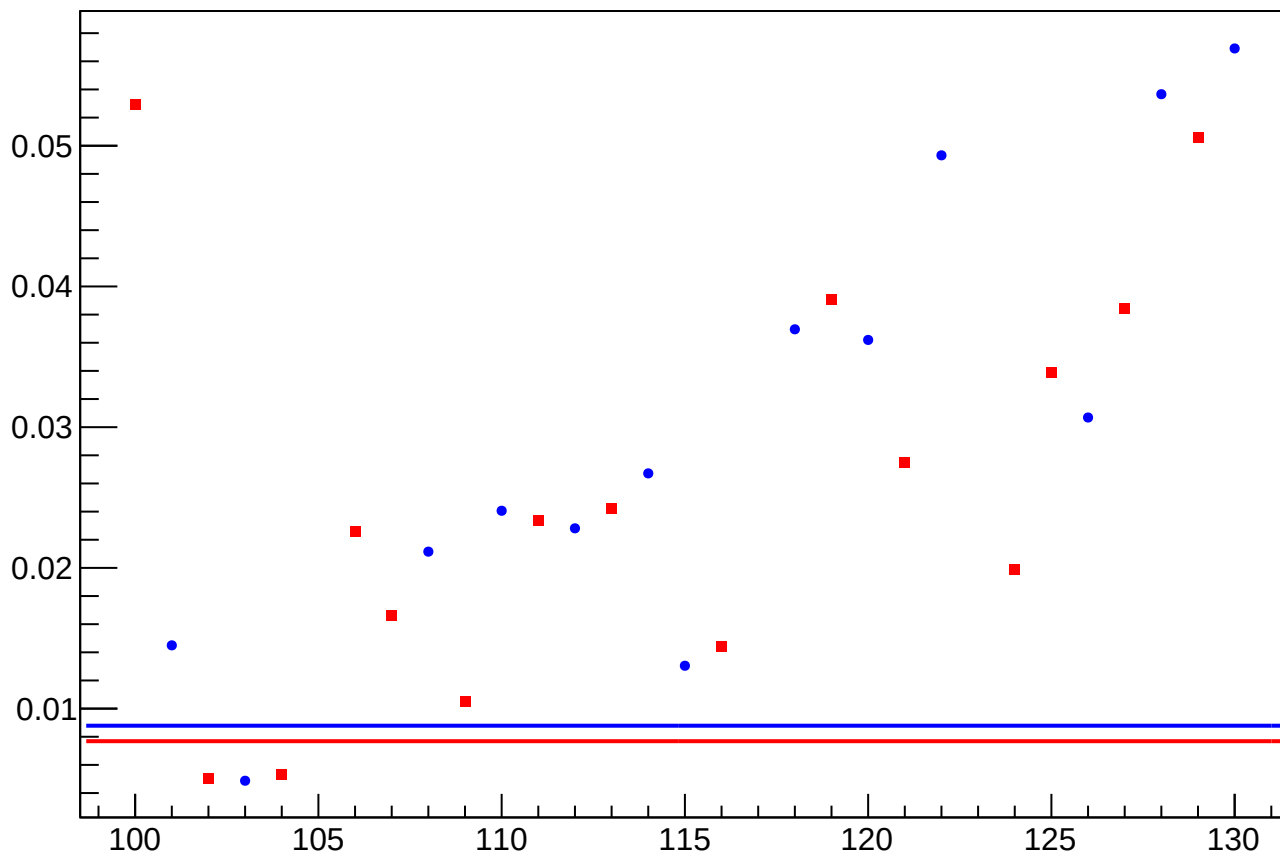
Right: -0.000+/-0.000 χ^2/NDF : 26.1/27

In: -0.000+/-0.000 χ^2/NDF : 9.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.1/27

asym_atr2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 5322208.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 4961962.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

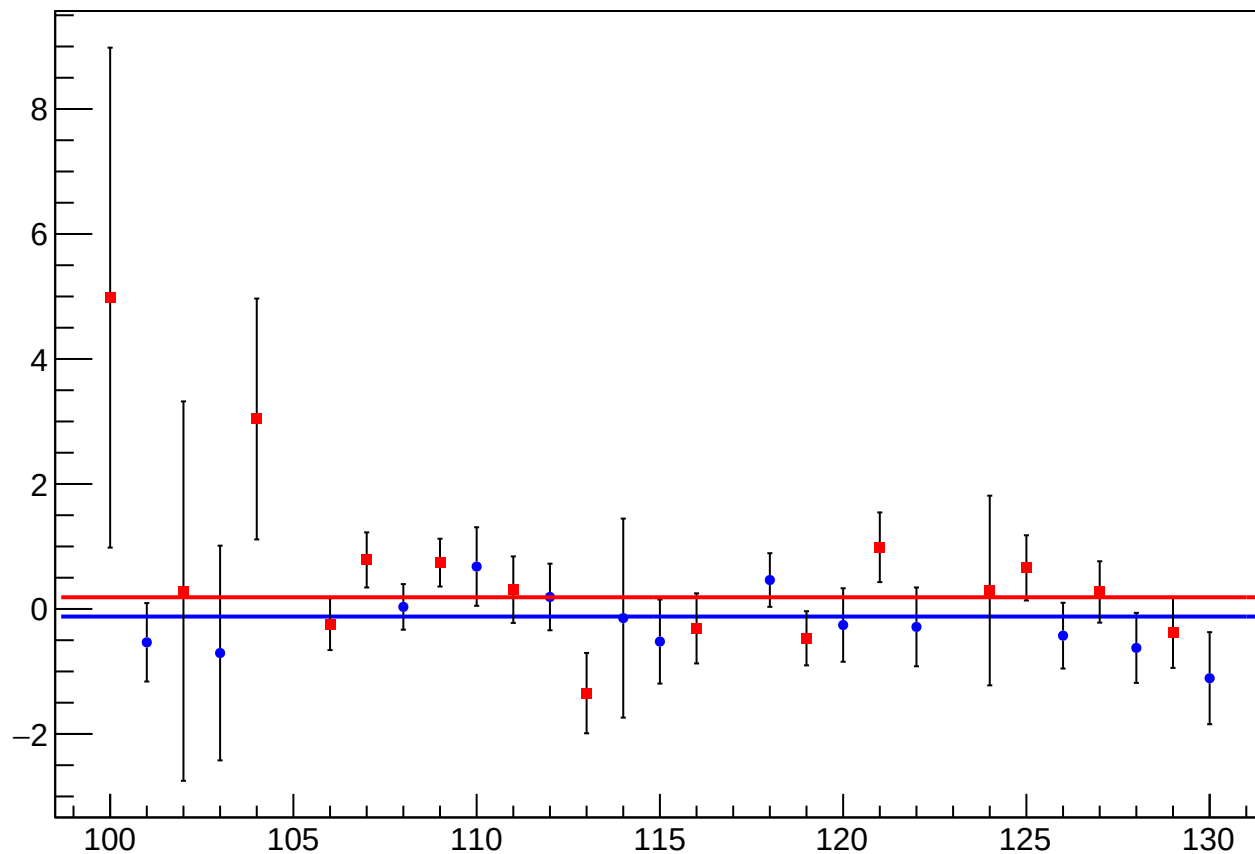
Right: 0.008+/-0.000 χ^2/NDF : 10333134.8/27

In: 0.009+/-0.000 χ^2/NDF : 5322208.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 10333134.8/27

asym_atr2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.121+/-0.161 χ^2/NDF : 8.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.187+/-0.145 χ^2/NDF : 21.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

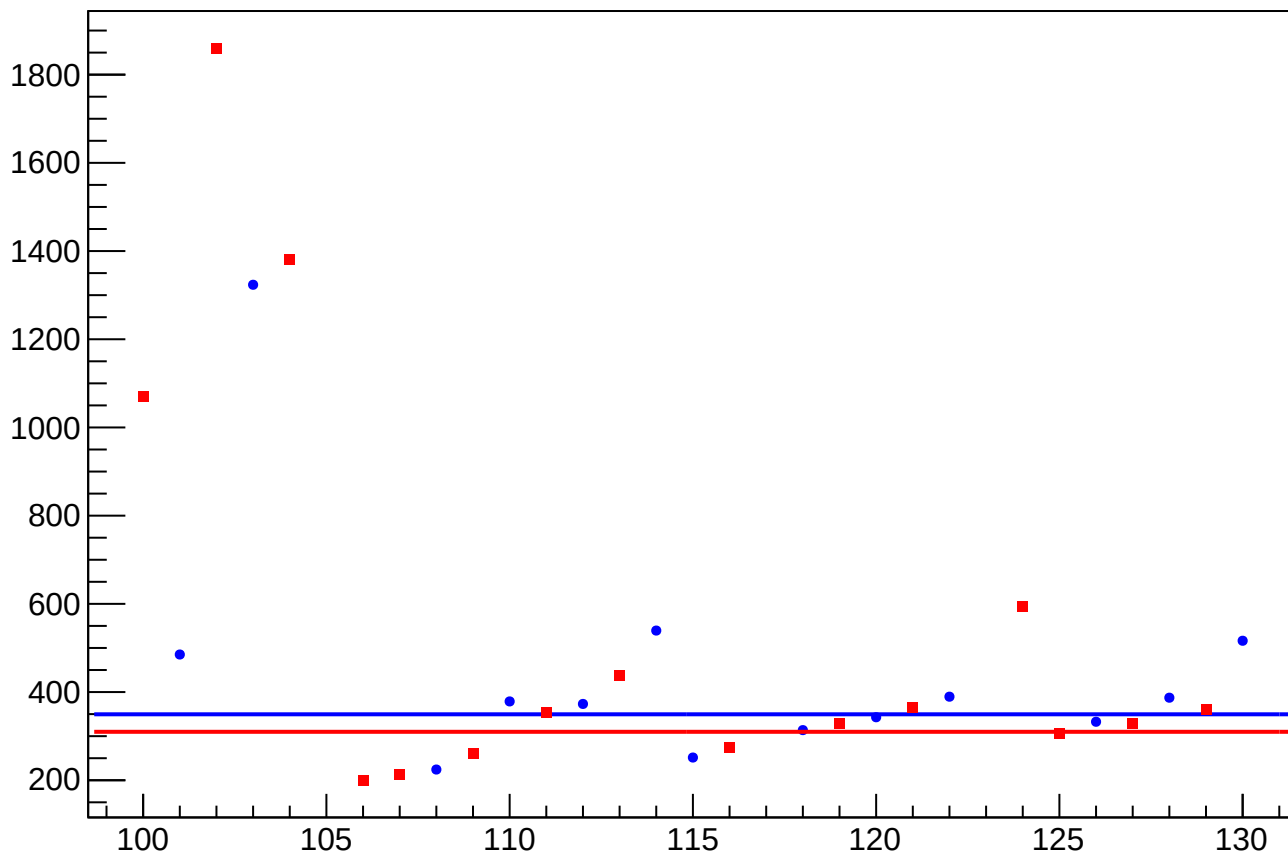
Right: 0.049+/-0.108 χ^2/NDF : 31.4/27

In: -0.121+/-0.161 χ^2/NDF : 8.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.049+/-0.108 χ^2/NDF : 31.4/27

asym_atr2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 349.566+/-0.114 χ^2/NDF : 1186956.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 309.876+/-0.103 χ^2/NDF : 1694987.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

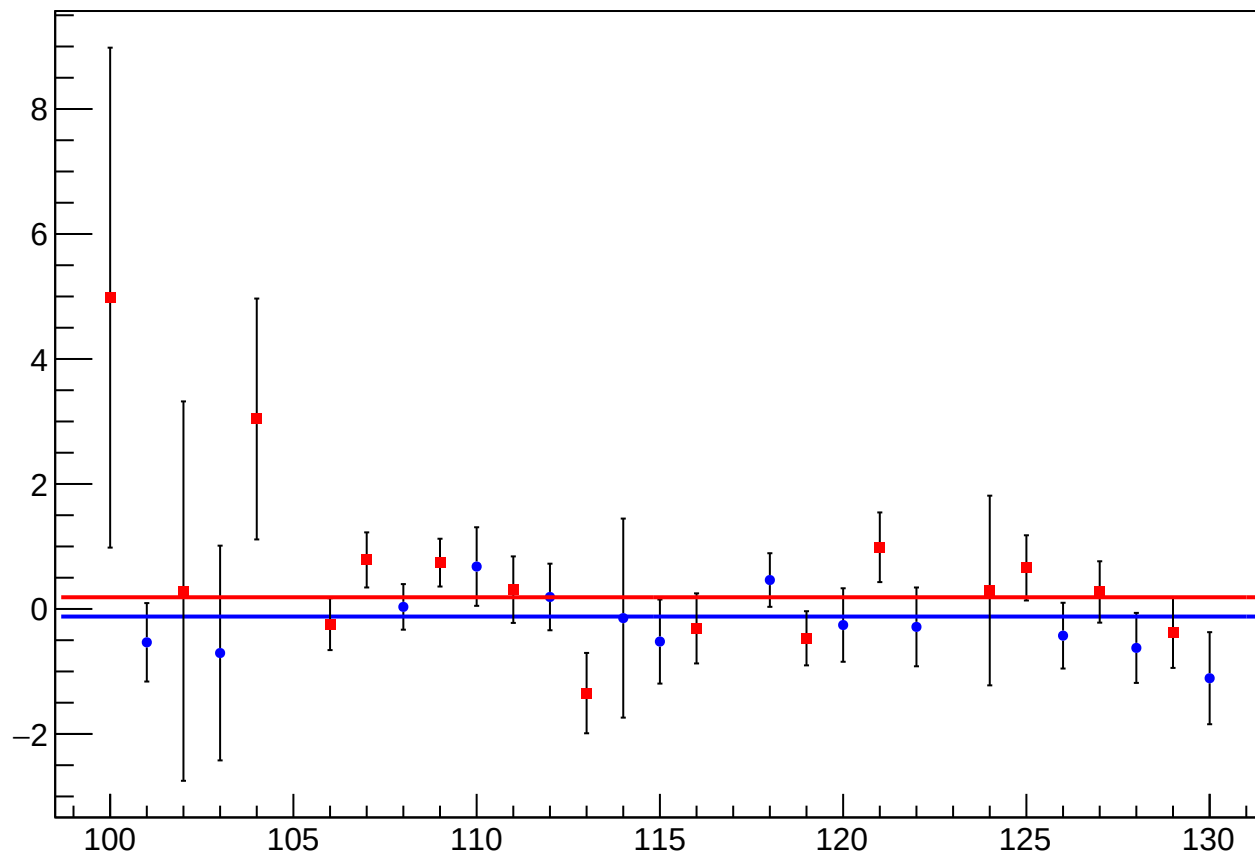
Right: 327.693+/-0.076 χ^2/NDF : 2948857.0/27

In: 349.566+/-0.114 χ^2/NDF : 1186956.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 327.693+/-0.076 χ^2/NDF : 2948857.0/27

asym_atr2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.121+/-0.161 χ^2/NDF : 8.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.187+/-0.145 χ^2/NDF : 21.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

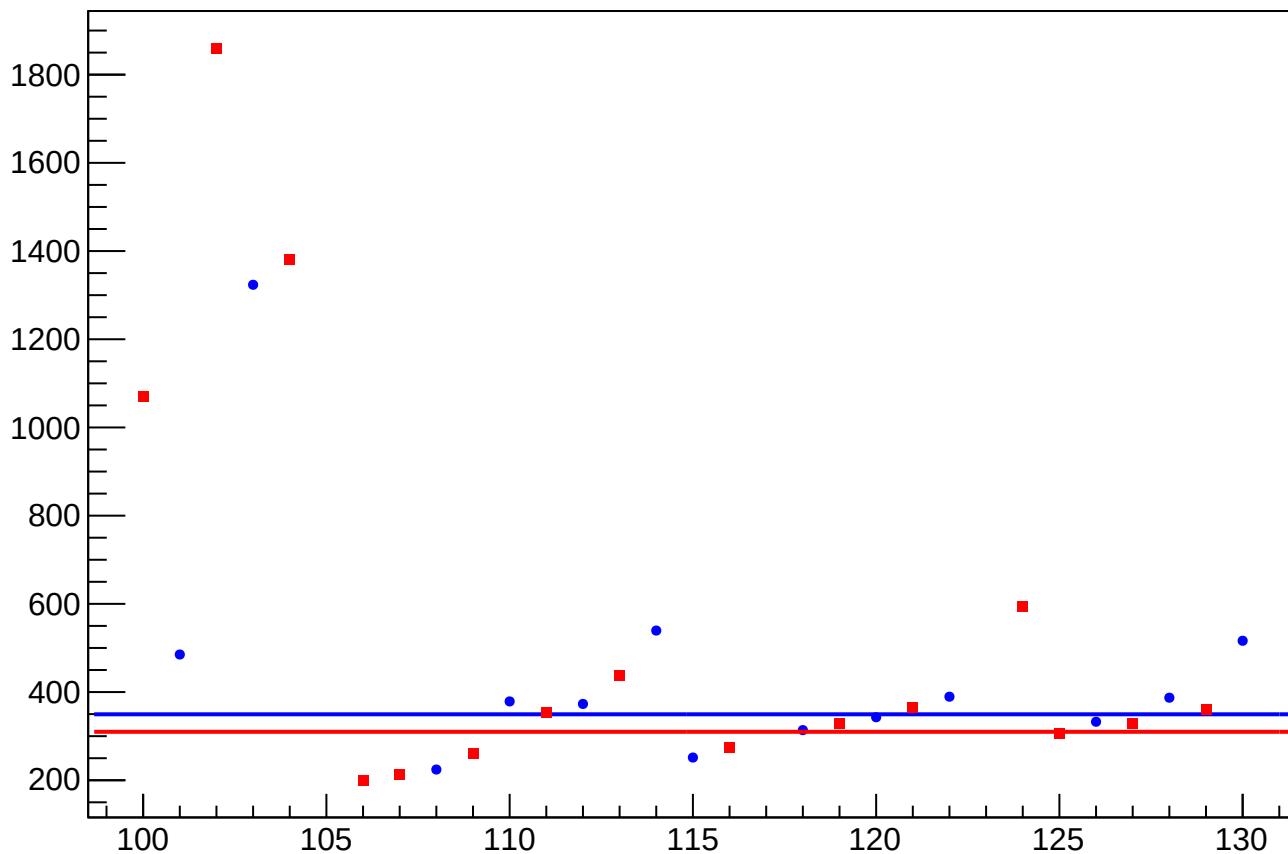
Right: 0.049+/-0.108 χ^2/NDF : 31.4/27

In: -0.121+/-0.161 χ^2/NDF :8.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.049+/-0.108 χ^2/NDF : 31.4/27

asym_atr2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 349.566+/-0.114 χ^2/NDF : 1186956.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 309.876+/-0.103 χ^2/NDF : 1694987.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

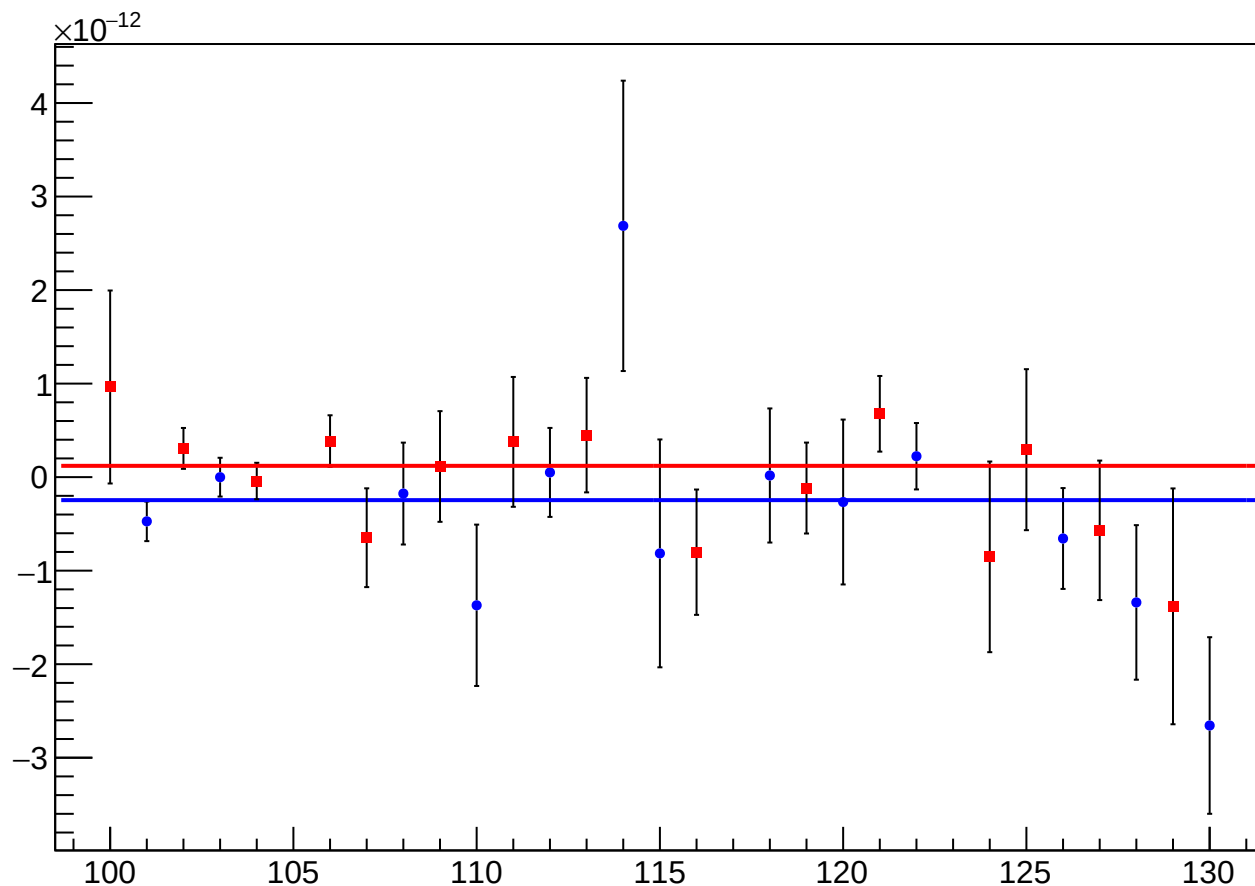
Right: 327.693+/-0.076 χ^2/NDF : 2948857.0/27

In: 349.566+/-0.114 χ^2/NDF : 1186956.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 327.693+/-0.076 χ^2/NDF : 2948857.0/27

asym_atr2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 19.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

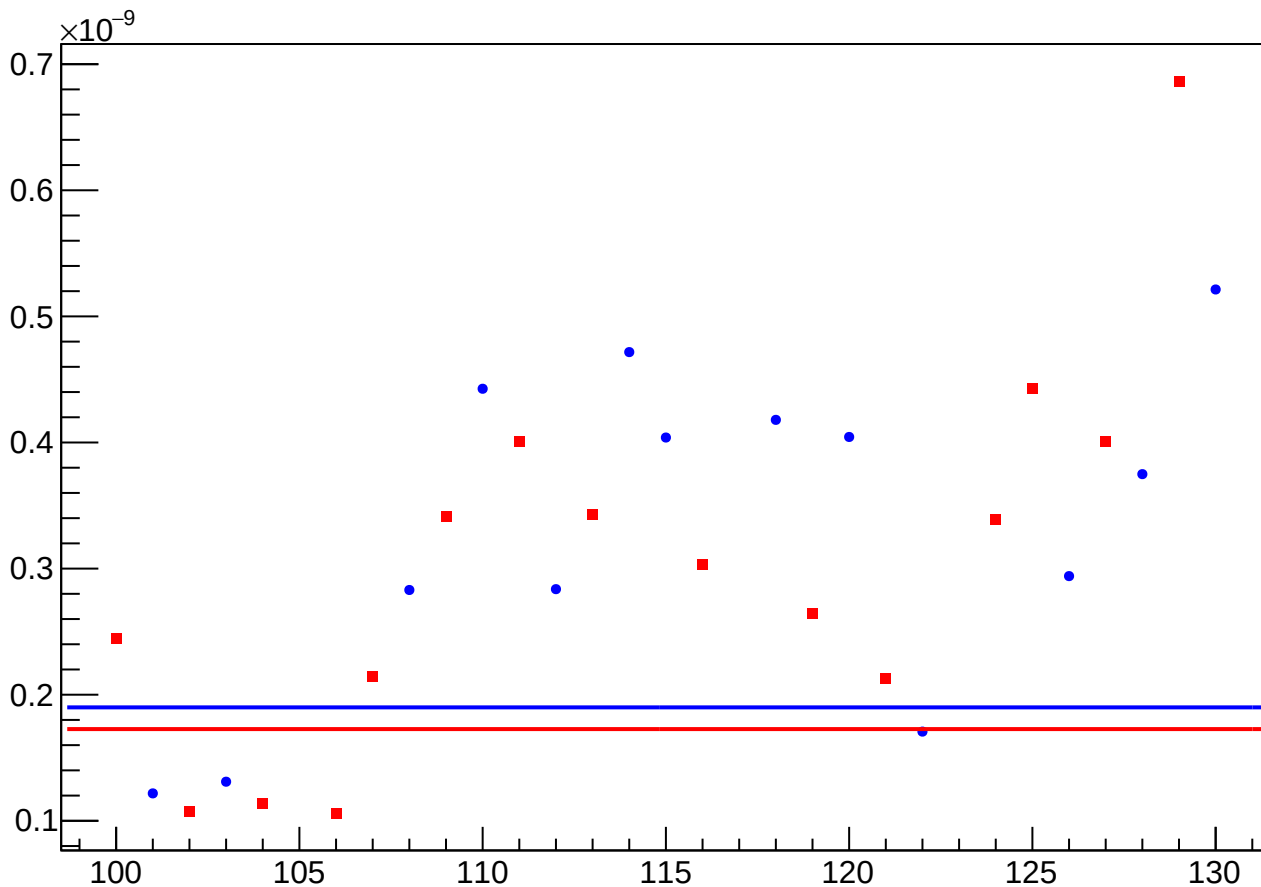
Right: -0.000+/-0.000 χ^2/NDF : 37.4/27

In: -0.000+/-0.000 χ^2/NDF : 19.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 37.4/27

asym_atr2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1552655.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1968852.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

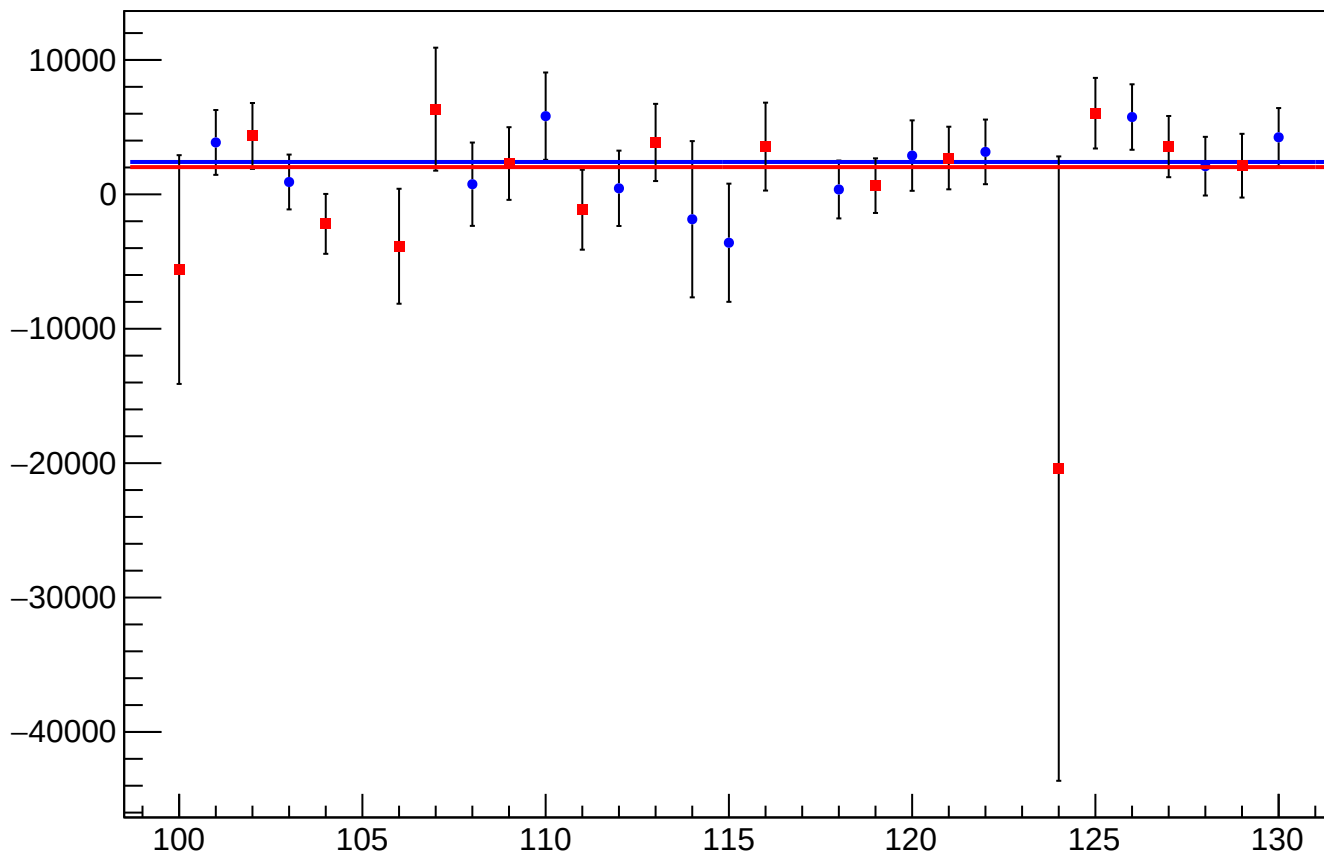
Right: 0.000+/-0.000 χ^2/NDF : 3545399.0/27

In: 0.000+/-0.000 χ^2/NDF : 1552655.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3545399.0/27

reg_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2409.425+/-717.305 χ^2/NDF : 8.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2027.263+/-726.869 χ^2/NDF : 14.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

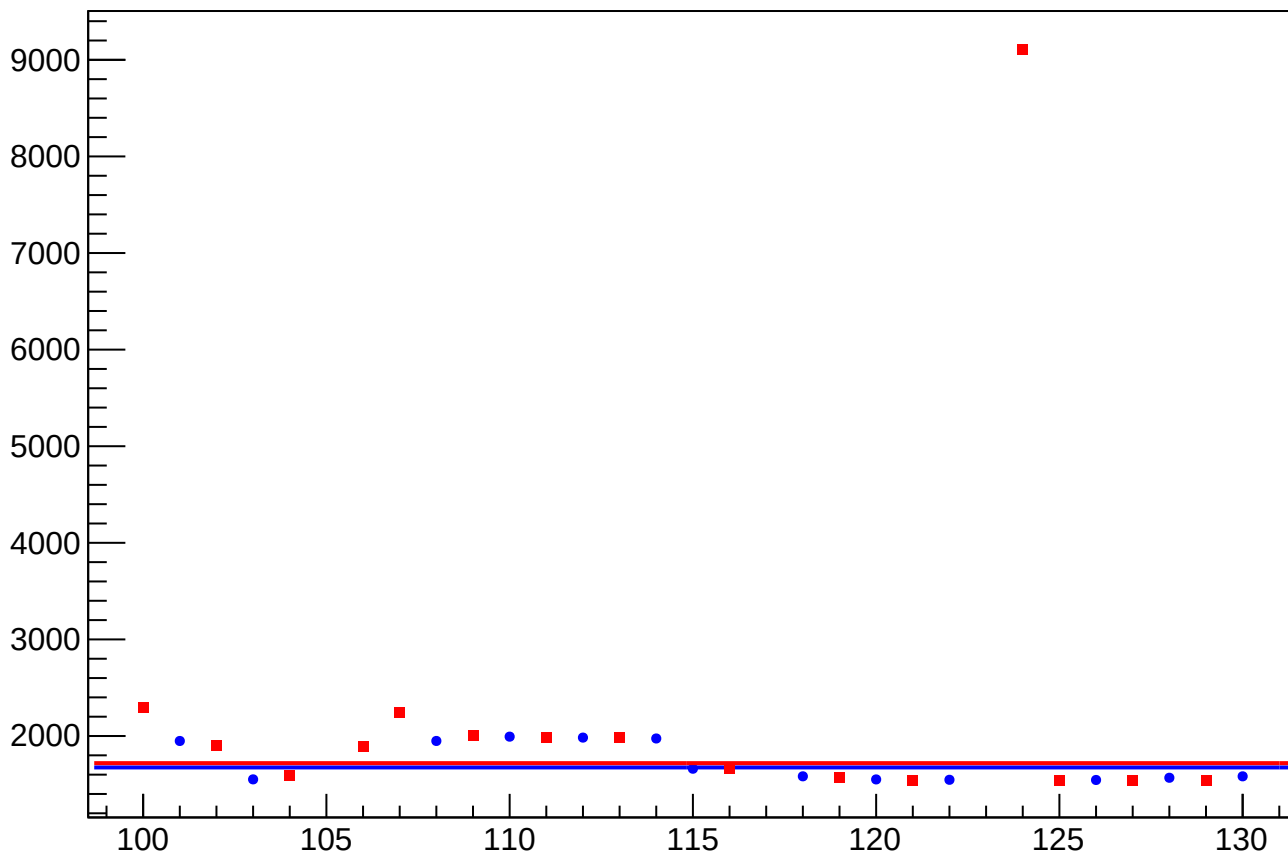
Right: 2220.875+/-510.559 χ^2/NDF : 23.1/27

In: 2409.425+/-717.305 χ^2/NDF : 8.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2220.875+/-510.559 χ^2/NDF : 23.1/27

reg_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1674.607+/-0.507 χ^2/NDF : 125474.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1719.148+/-0.511 χ^2/NDF : 371050.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

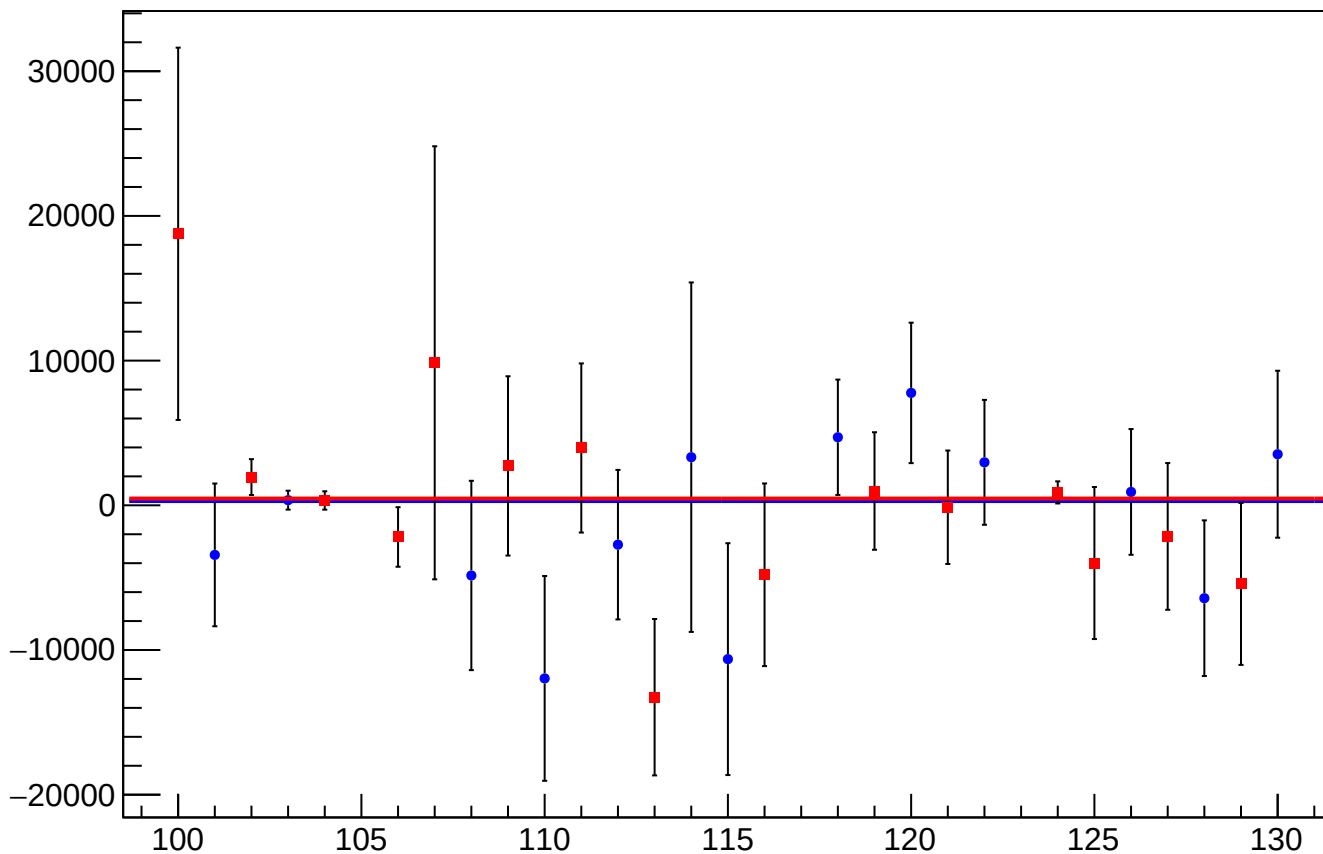
Right: 1696.717+/-0.360 χ^2/NDF : 500353.8/27

In: 1674.607+/-0.507 χ^2/NDF : 125474.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1696.717+/-0.360 χ^2/NDF : 500353.8/27

asym_atl_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 294.670+/-602.024 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 465.909+/-428.438 χ^2/NDF : 15.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

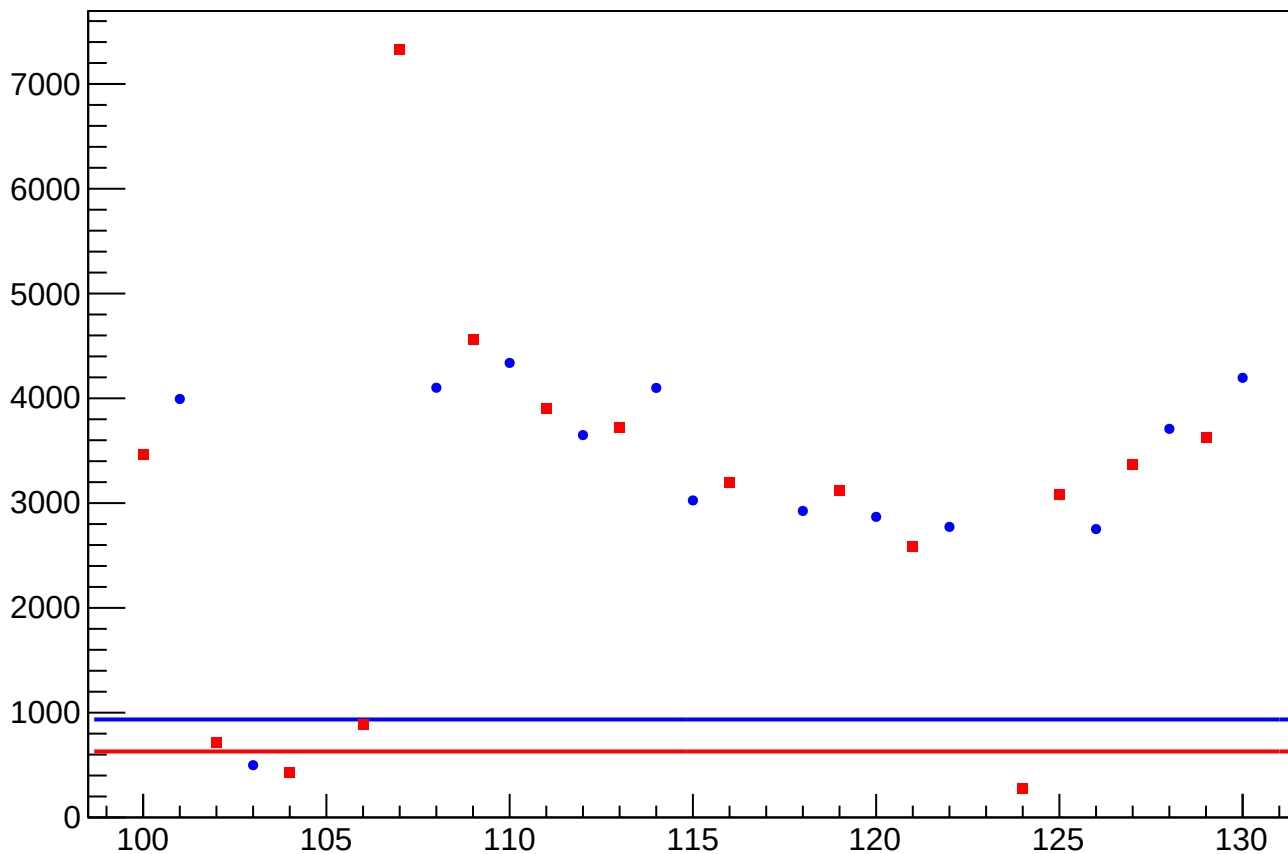
Right: 408.340+/-349.067 χ^2/NDF : 28.0/27

In: 294.670+/-602.024 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 408.340+/-349.067 χ^2/NDF : 28.0/27

asym_atl_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 935.095+/-0.426 χ^2/NDF : 6114799.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 629.815+/-0.303 χ^2/NDF : 6419819.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

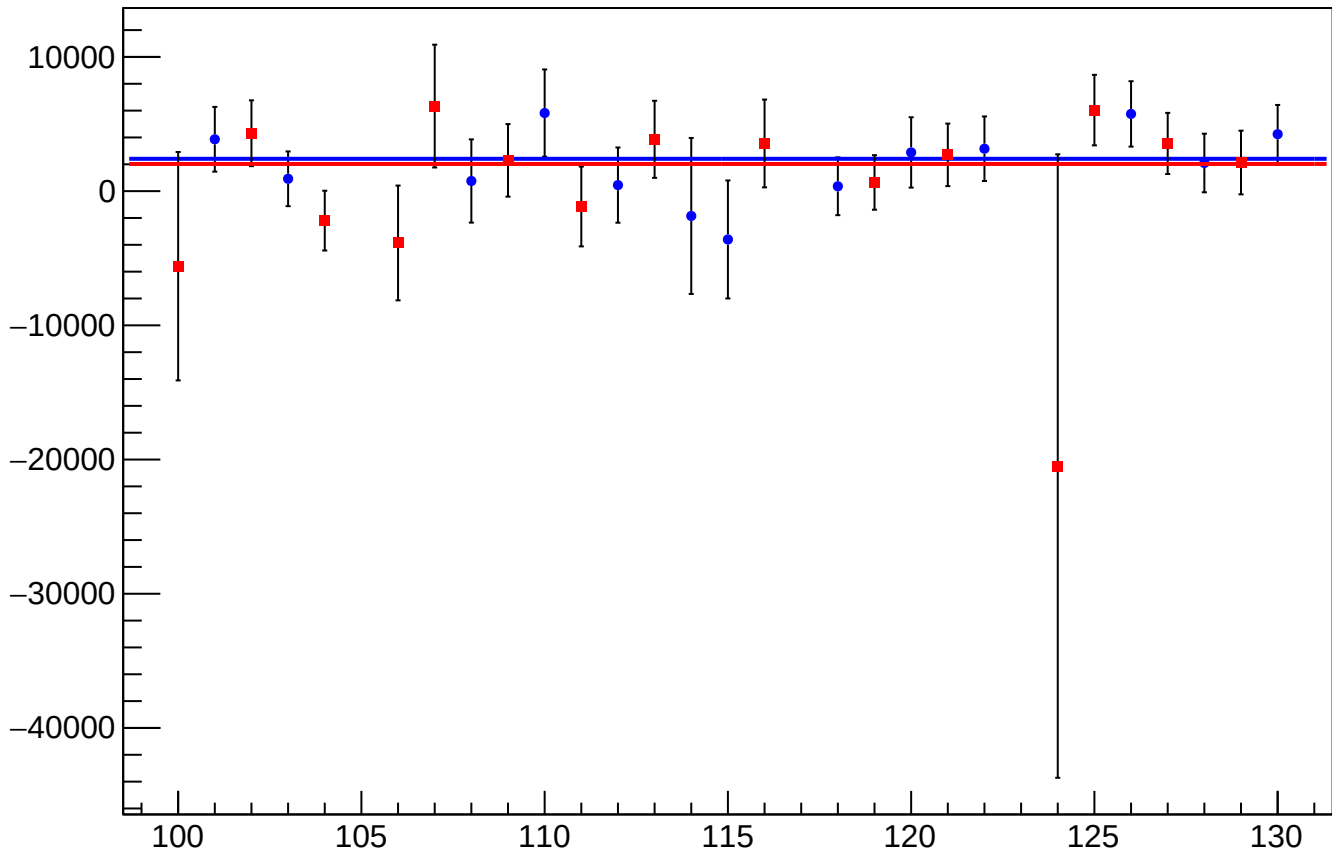
Right: 732.449+/-0.247 χ^2/NDF : 12876001.7/27

In: 935.095+/-0.426 χ^2/NDF :6114799.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 732.449+/-0.247 χ^2/NDF : 12876001.7/27

cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2409.654+/-717.305 χ^2/NDF : 8.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2024.067+/-726.876 χ^2/NDF : 14.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

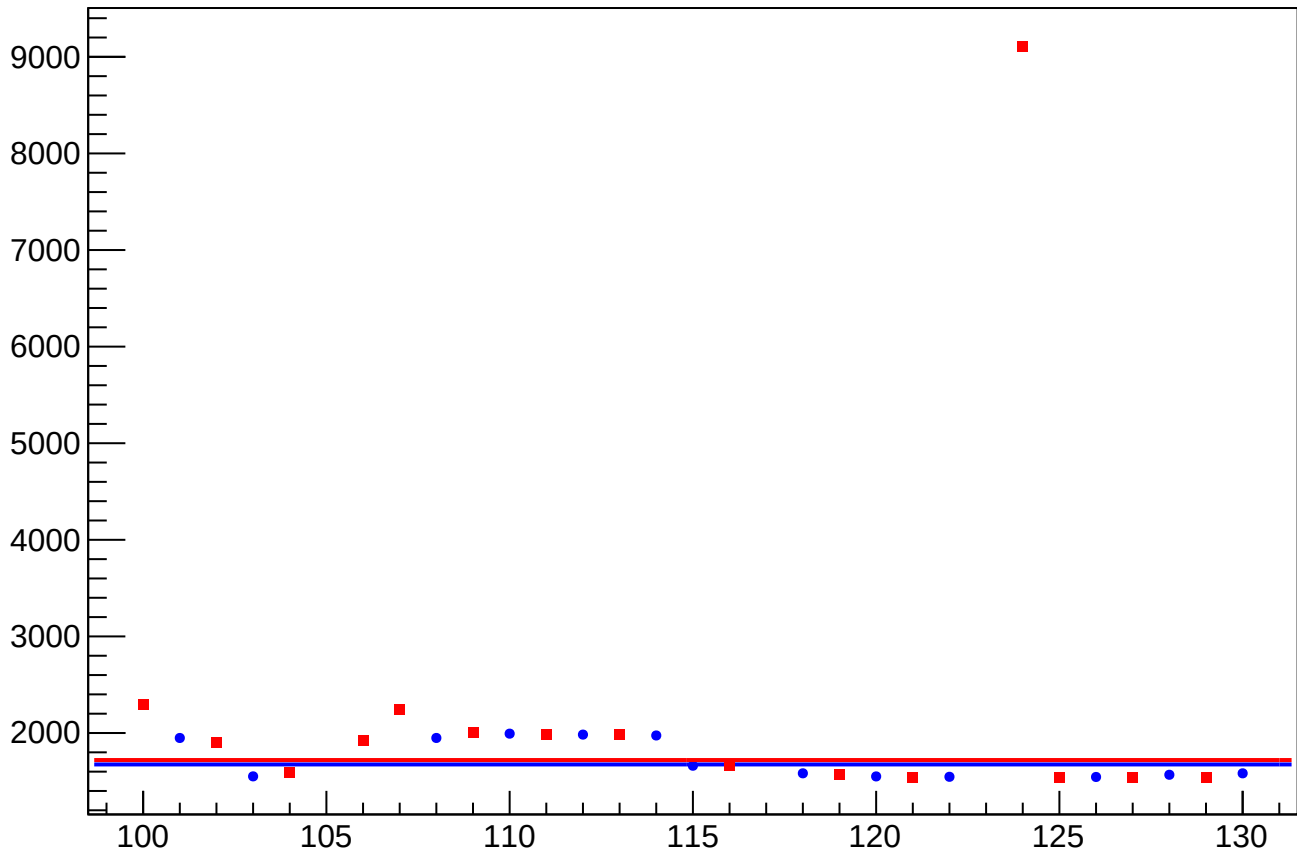
Right: 2219.416+/-510.562 χ^2/NDF : 23.1/27

In: 2409.654+/-717.305 χ^2/NDF : 8.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2219.416+/-510.562 χ^2/NDF : 23.1/27

cor_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1674.606+/-0.507 χ^2/NDF : 125475.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1720.215+/-0.511 χ^2/NDF : 372786.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

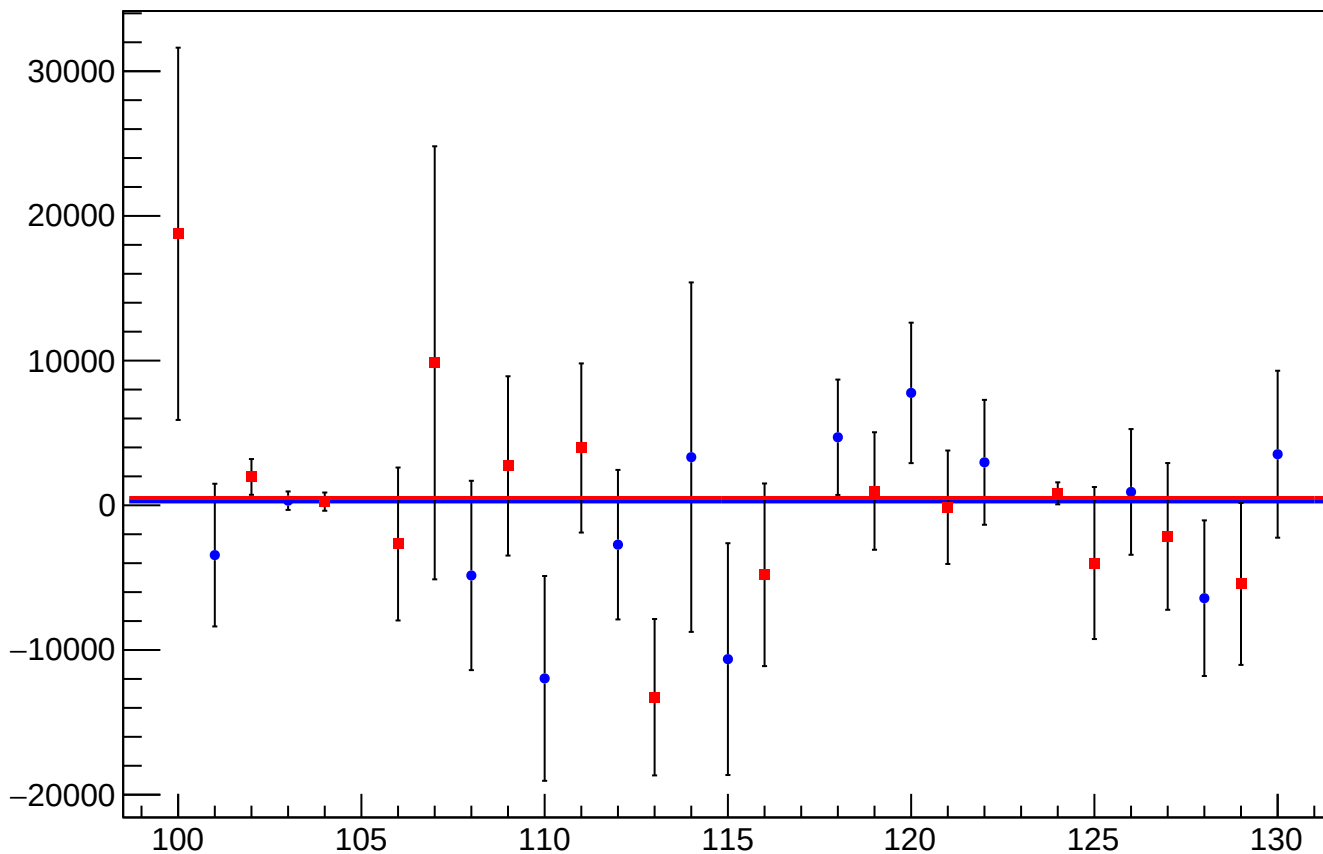
Right: 1697.232+/-0.360 χ^2/NDF : 502272.3/27

In: 1674.606+/-0.507 χ^2/NDF : 125475.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1697.232+/-0.360 χ^2/NDF : 502272.3/27

asym_atl_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 266.853+/-589.129 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 505.440+/-434.431 χ^2/NDF : 14.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

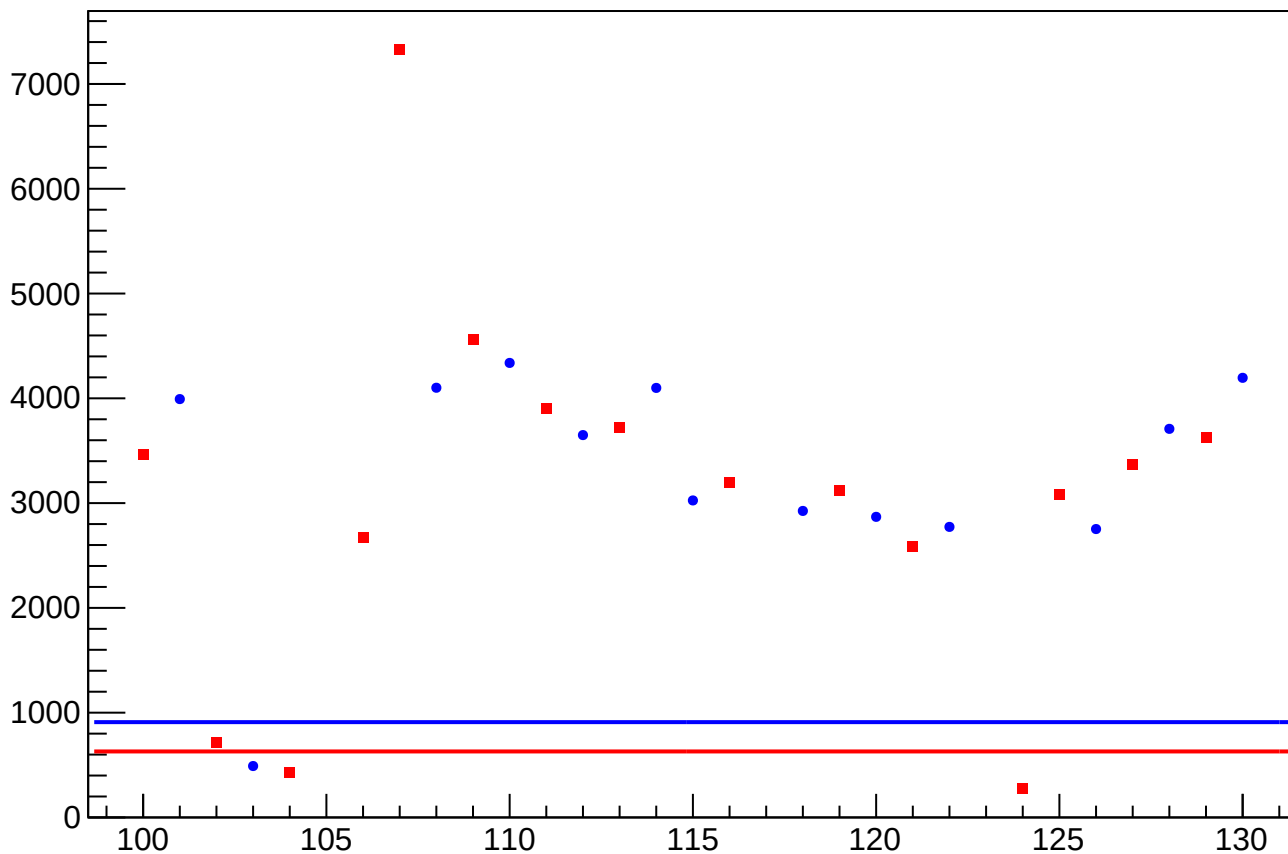
Right: 421.400+/-349.646 χ^2/NDF : 26.8/27

In: 266.853+/-589.129 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 421.400+/-349.646 χ^2/NDF : 26.8/27

asym_atl_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 909.664+/-0.417 χ^2/NDF : 6192696.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 629.951+/-0.307 χ^2/NDF : 6699839.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

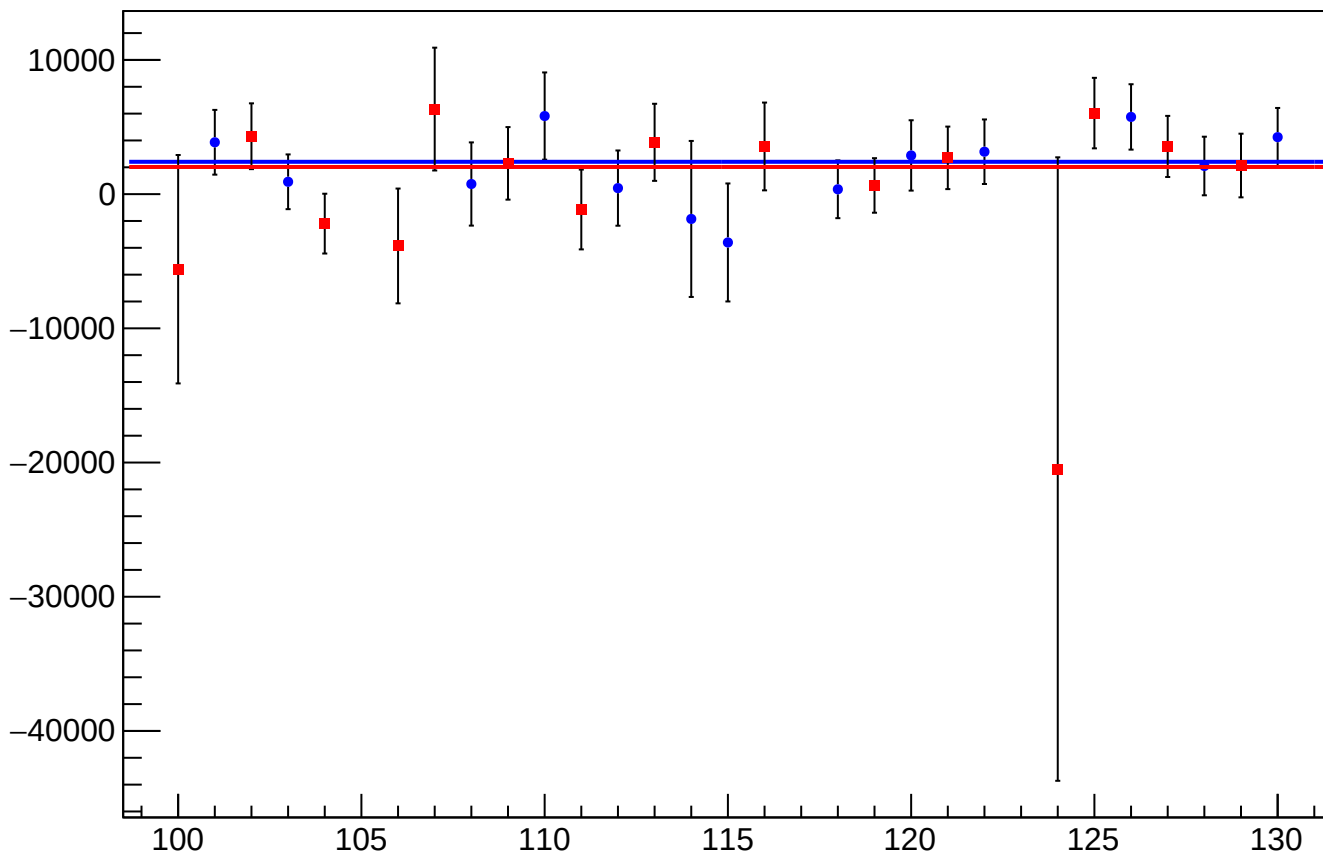
Right: 728.477+/-0.247 χ^2/NDF : 13184580.0/27

In: 909.664+/-0.417 χ^2/NDF : 6192696.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 728.477+/-0.247 χ^2/NDF : 13184580.0/27

eigen_cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2409.654+/-717.305 χ^2/NDF : 8.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2024.067+/-726.876 χ^2/NDF : 14.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

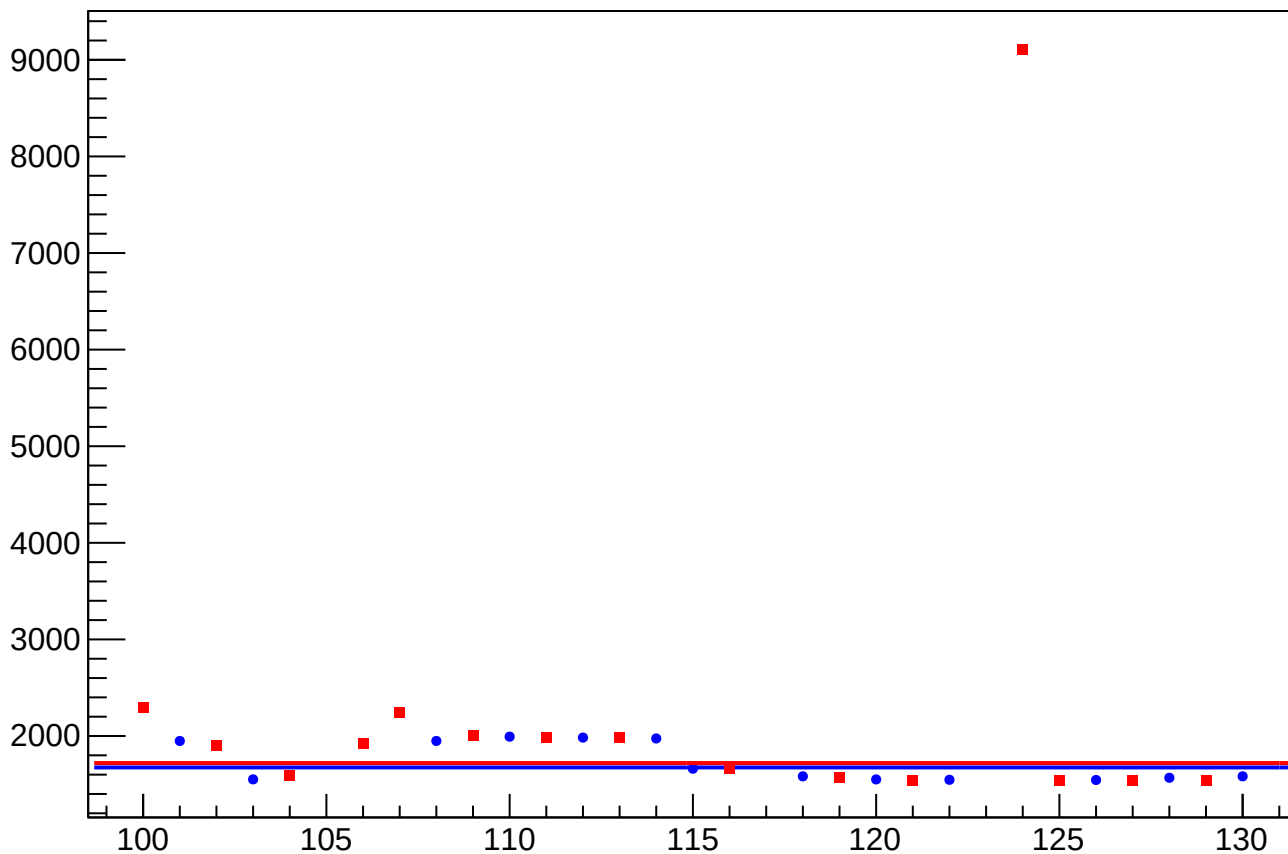
Right: 2219.416+/-510.562 χ^2/NDF : 23.1/27

In: 2409.654+/-717.305 χ^2/NDF : 8.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2219.416+/-510.562 χ^2/NDF : 23.1/27

eigen_cor_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1674.606+/-0.507 χ^2/NDF : 125475.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1720.215+/-0.511 χ^2/NDF : 372786.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

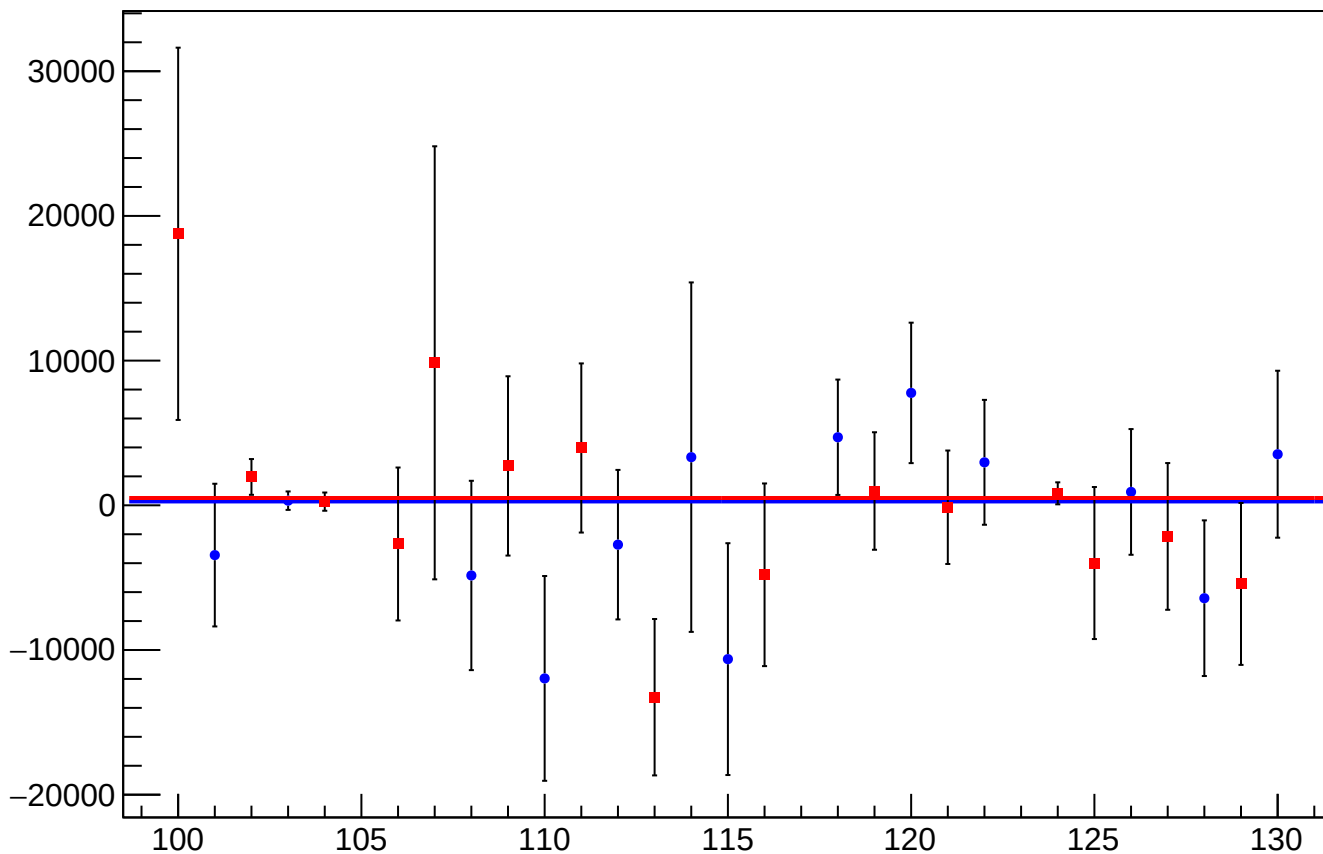
Right: 1697.232+/-0.360 χ^2/NDF : 502272.3/27

In: 1674.606+/-0.507 χ^2/NDF : 125475.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1697.232+/-0.360 χ^2/NDF : 502272.3/27

asym_atl_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 266.853+/-589.129 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 505.440+/-434.431 χ^2/NDF : 14.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

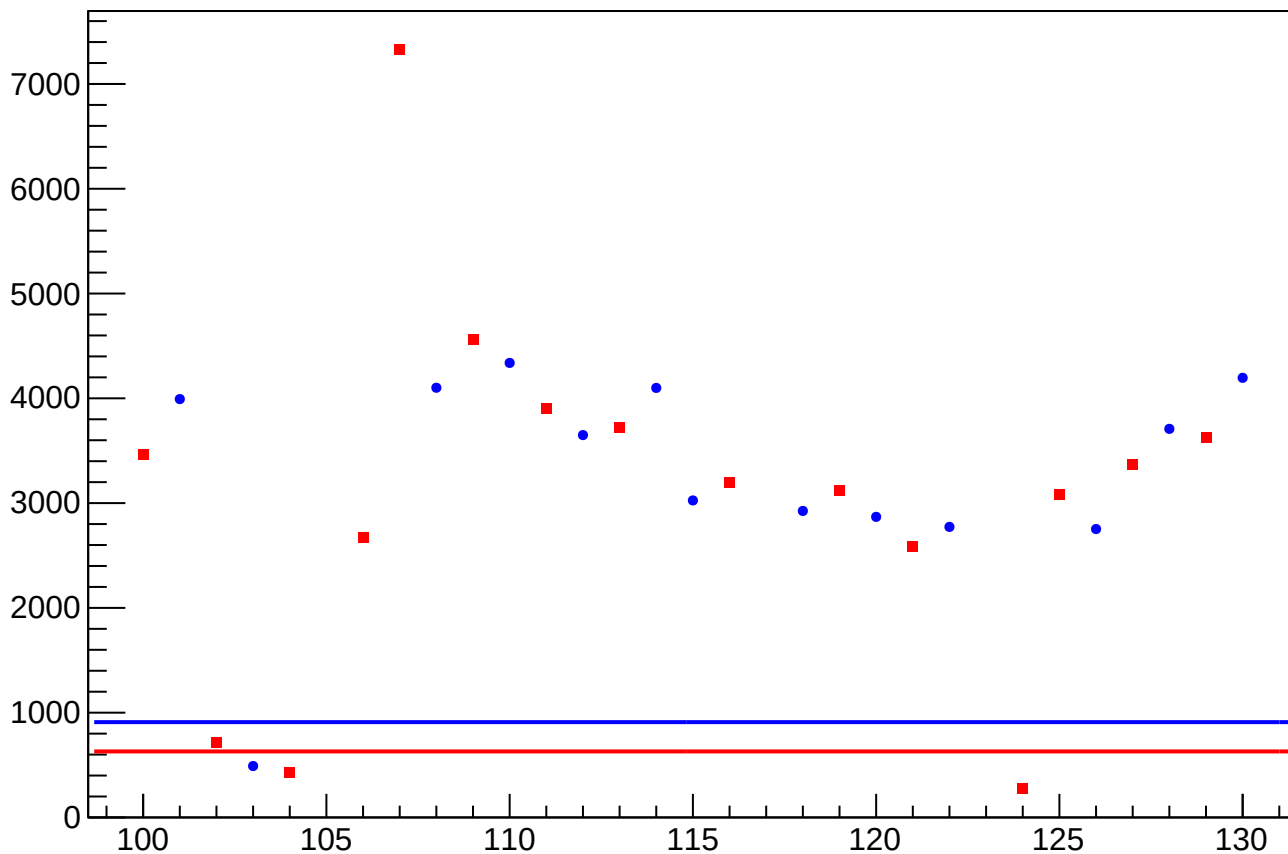
Right: 421.400+/-349.646 χ^2/NDF : 26.8/27

In: 266.853+/-589.129 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 421.400+/-349.646 χ^2/NDF : 26.8/27

asym_atl_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 909.664+/-0.417 χ^2/NDF : 6192696.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 629.951+/-0.307 χ^2/NDF : 6699839.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

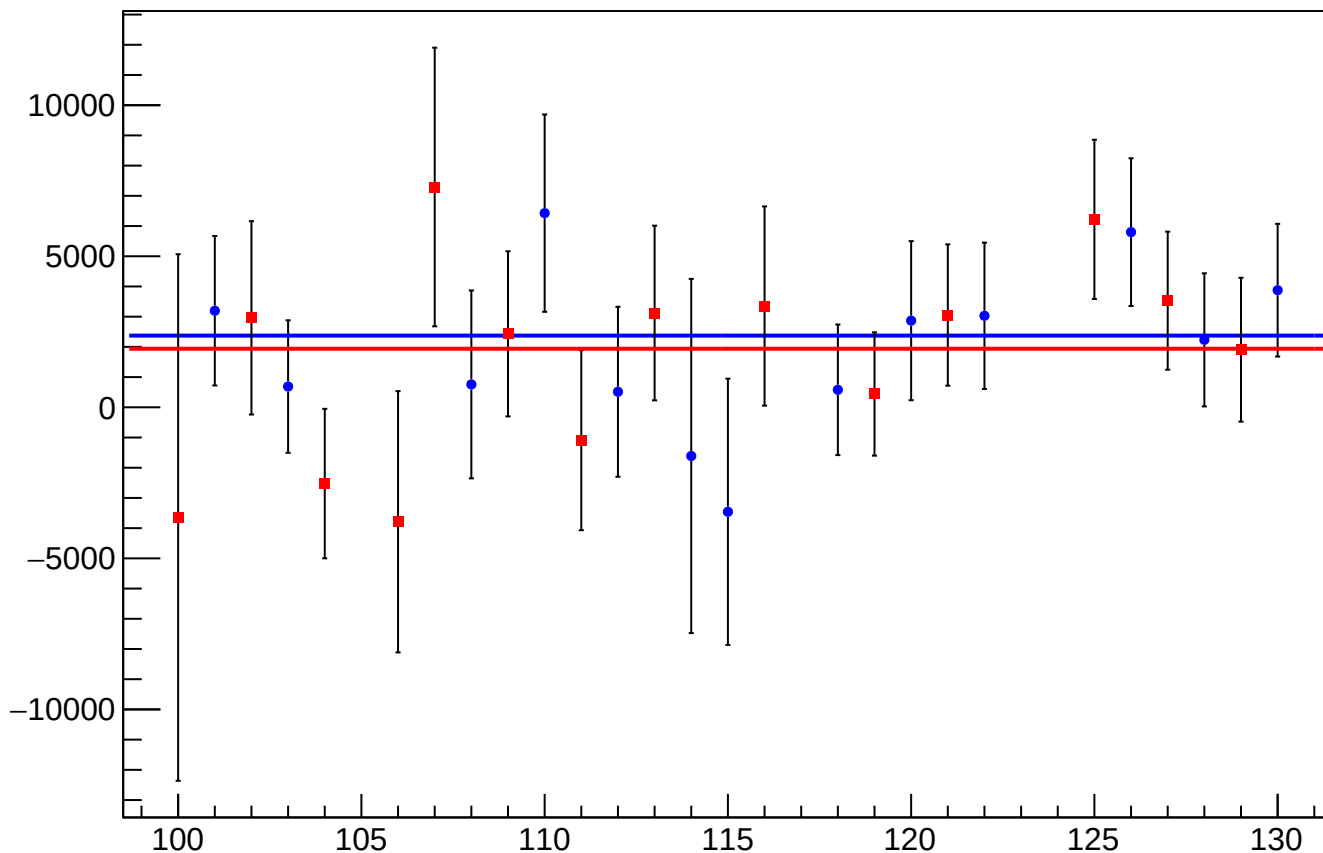
Right: 728.477+/-0.247 χ^2/NDF : 13184580.0/27

In: 909.664+/-0.417 χ^2/NDF :6192696.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 728.477+/-0.247 χ^2/NDF : 13184580.0/27

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2373.685 $\pm$ 728.350 χ^2 /NDF: 8.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1938.344 $\pm$ 752.120 χ^2 /NDF: 12.2/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

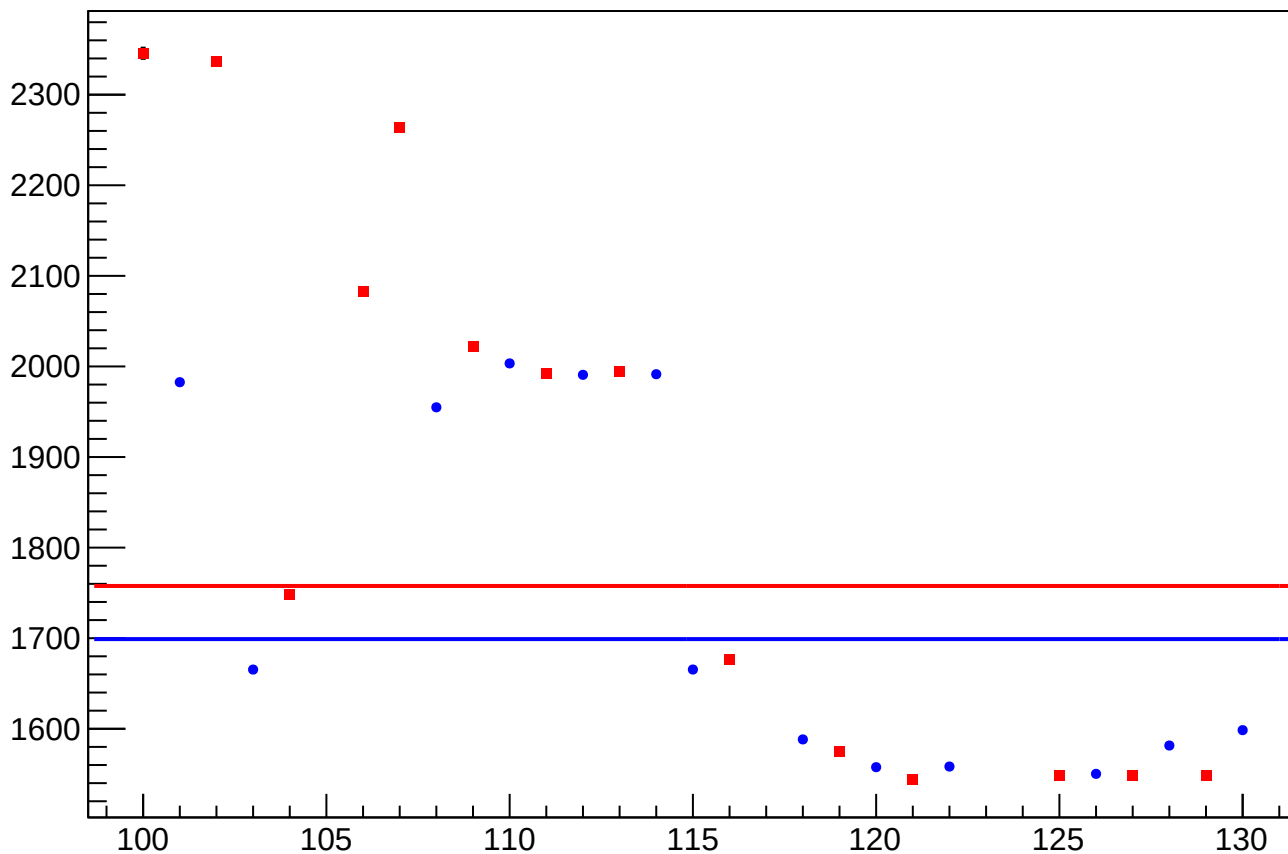
Right: 2163.002 $\pm$ 523.223 χ^2 /NDF: 20.7/26

In: 2373.685 $\pm$ 728.350 χ^2 /NDF:8.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2163.002 $\pm$ 523.223 χ^2 /NDF: 20.7/26

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1699.008+/-0.515 χ^2/NDF : 119326.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1757.665+/-0.530 χ^2/NDF : 235511.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

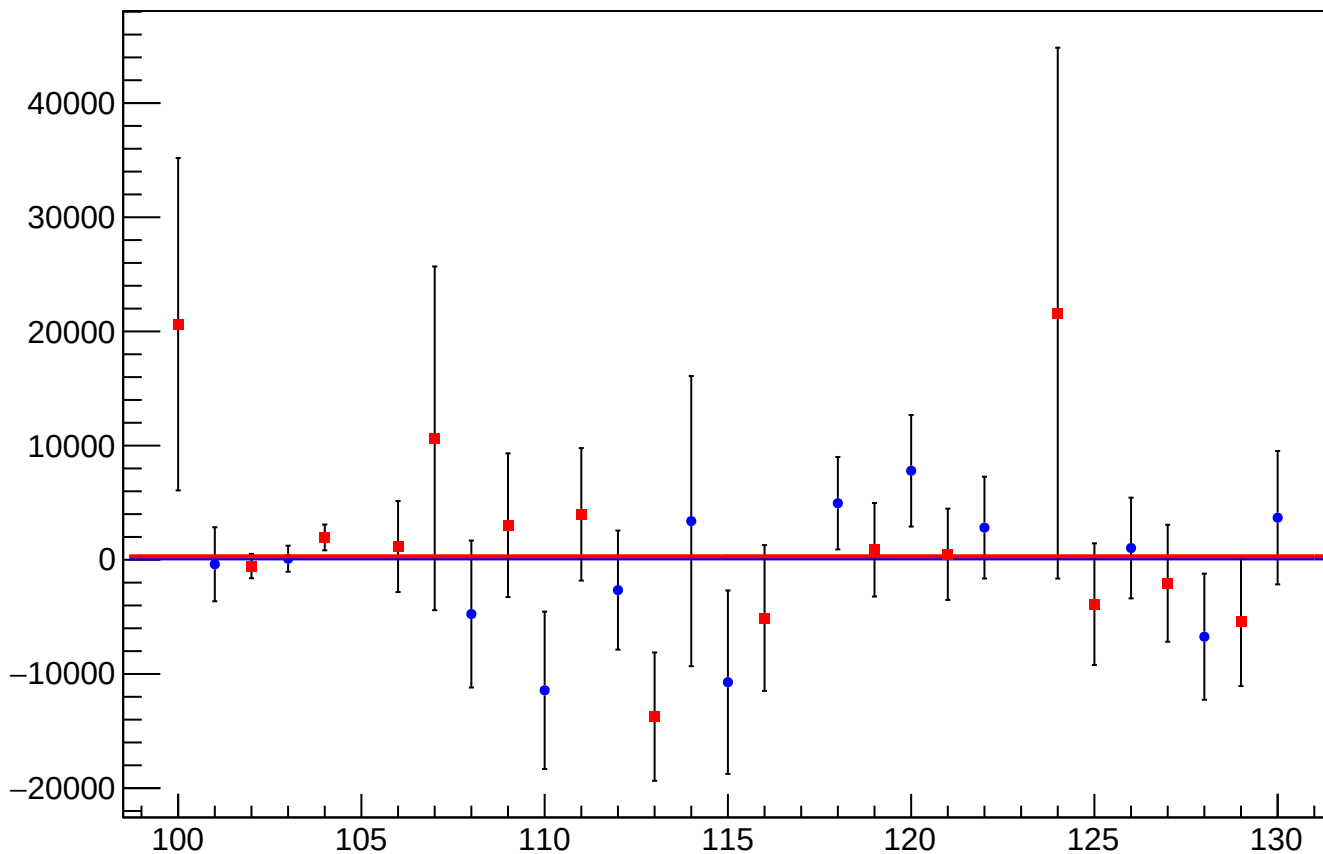
Right: 1727.481+/-0.369 χ^2/NDF : 361134.4/26

In: 1699.008+/-0.515 χ^2/NDF : 119326.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1727.481+/-0.369 χ^2/NDF : 361134.4/26

asym_atl_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 120.220+/-900.435 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 306.401+/-694.335 χ^2/NDF : 15.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

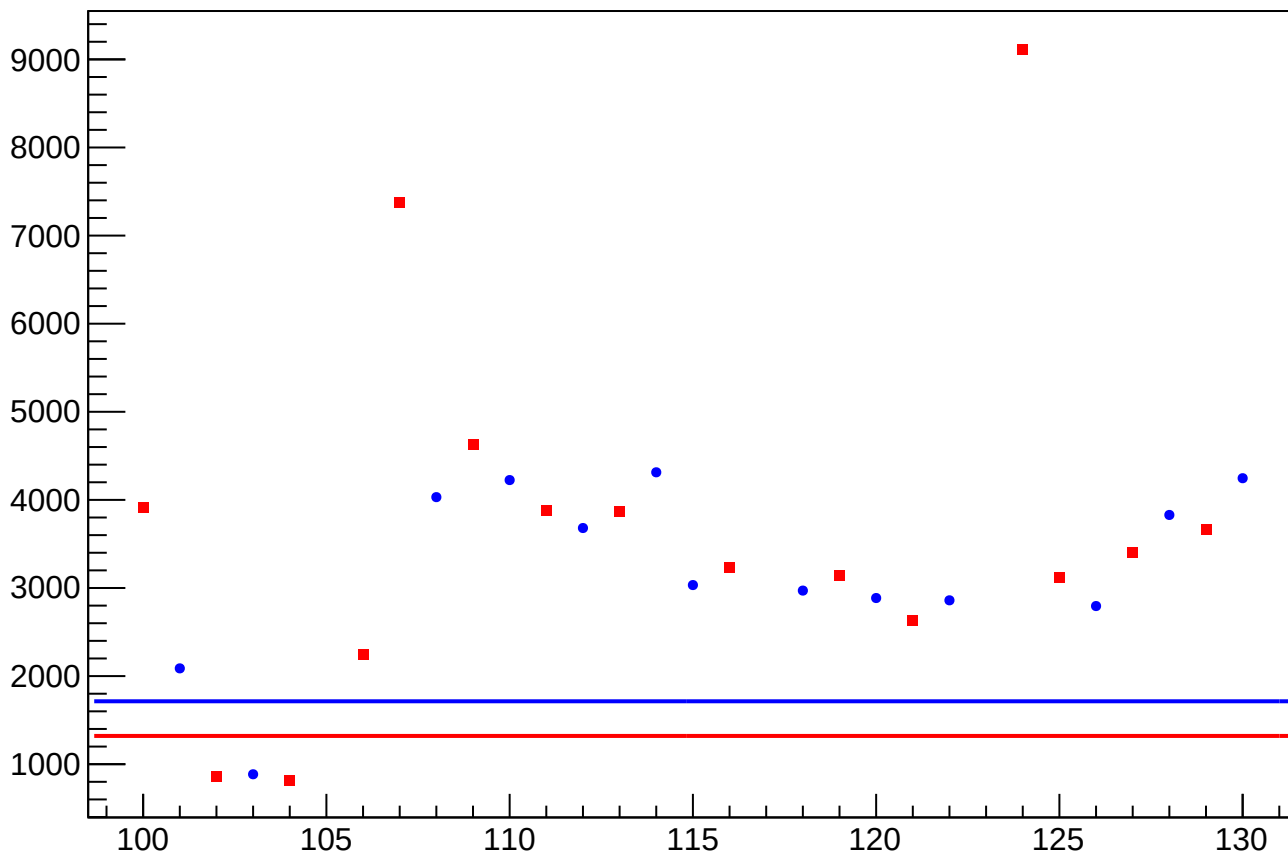
Right: 236.976+/-549.847 χ^2/NDF : 27.3/27

In: 120.220+/-900.435 χ^2/NDF :11.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 236.976+/-549.847 χ^2/NDF : 27.3/27

asym_atl_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1714.075+/-0.637 χ^2/NDF : 3257288.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1320.776+/-0.491 χ^2/NDF : 4550549.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

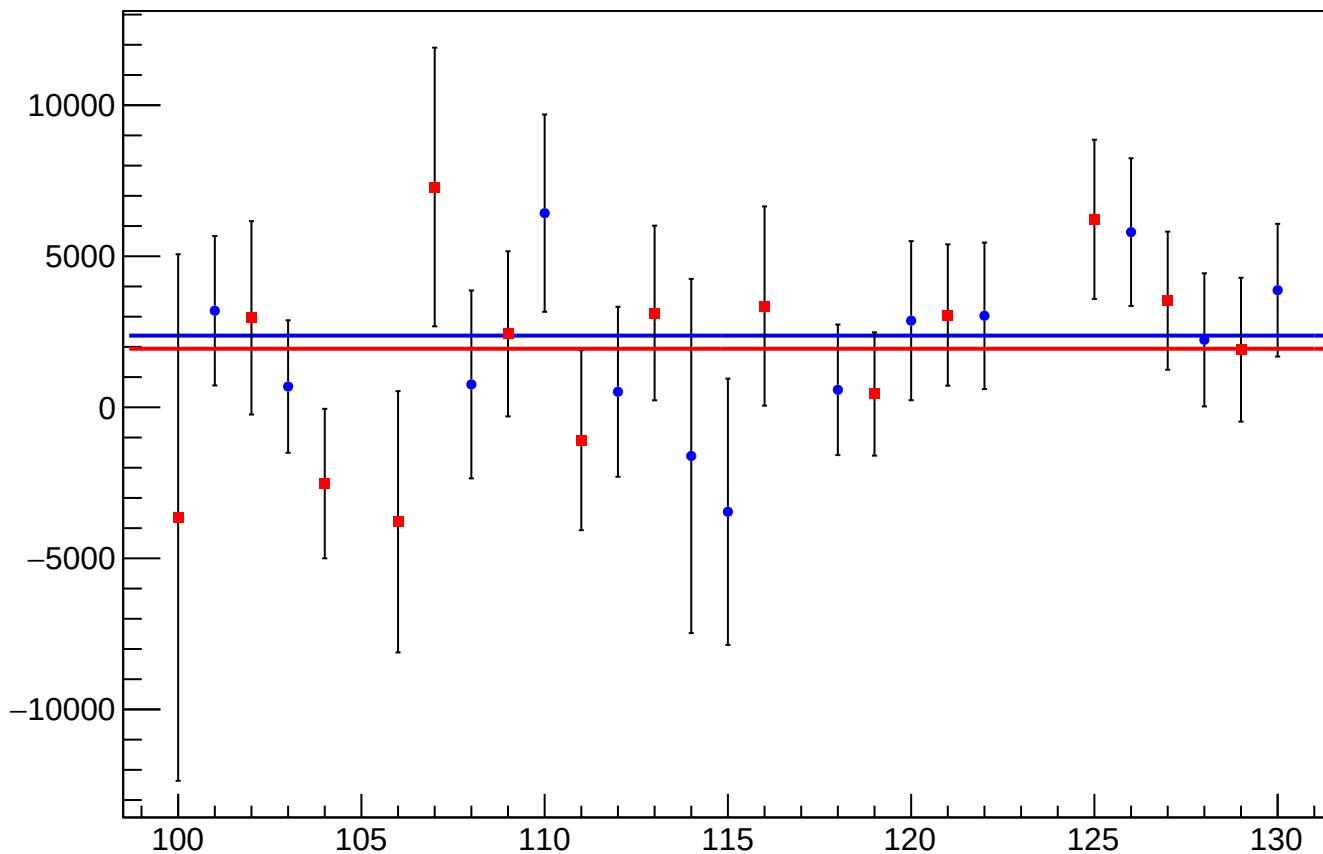
Right: 1467.433+/-0.389 χ^2/NDF : 8047124.4/27

In: 1714.075+/-0.637 χ^2/NDF : 3257288.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1467.433+/-0.389 χ^2/NDF : 8047124.4/27

eigen_dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2373.686 $\pm$ 728.350 χ^2 /NDF: 8.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1938.345 $\pm$ 752.119 χ^2 /NDF: 12.2/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

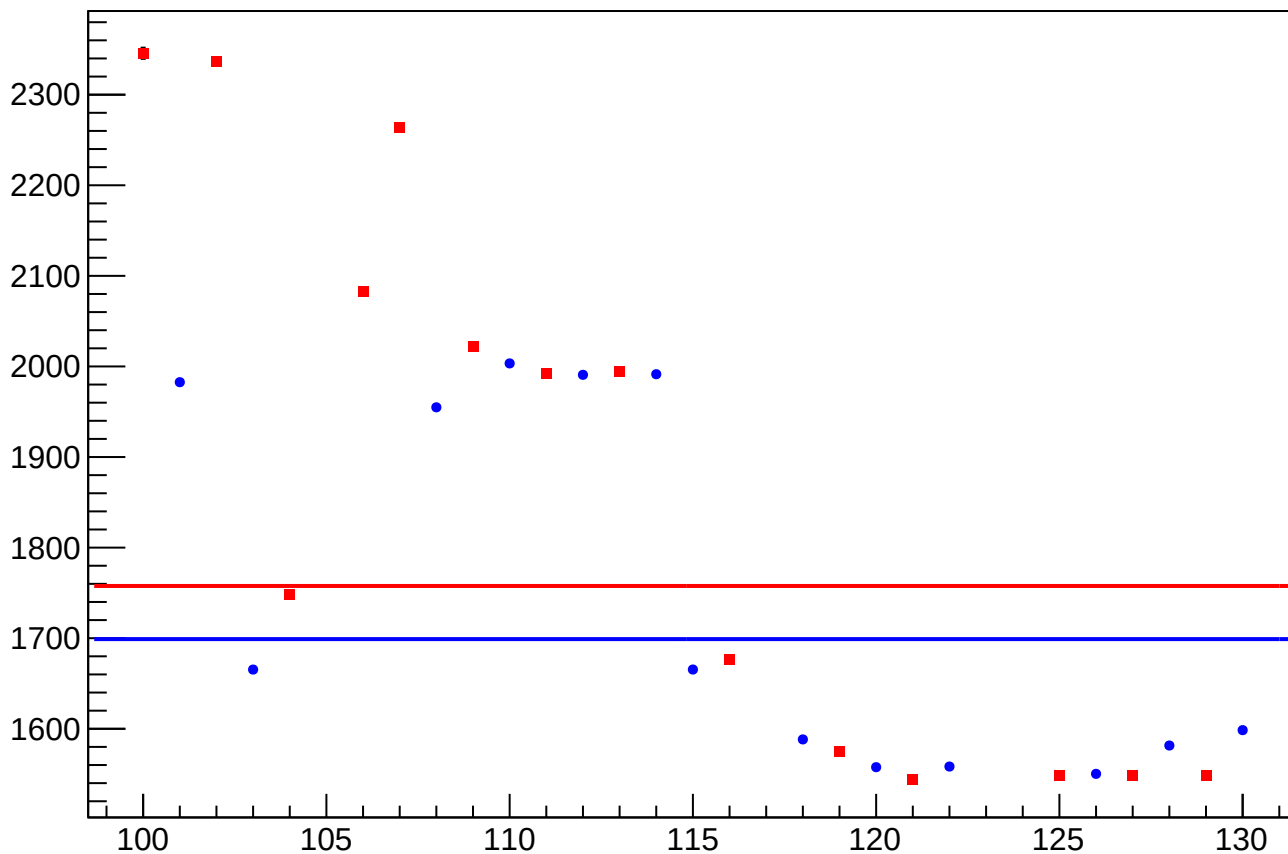
Right: 2163.003 $\pm$ 523.223 χ^2 /NDF: 20.7/26

In: 2373.686 $\pm$ 728.350 χ^2 /NDF:8.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2163.003 $\pm$ 523.223 χ^2 /NDF: 20.7/26

eigen_dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1699.008+/-0.515 χ^2/NDF : 119326.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1757.664+/-0.530 χ^2/NDF : 235510.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

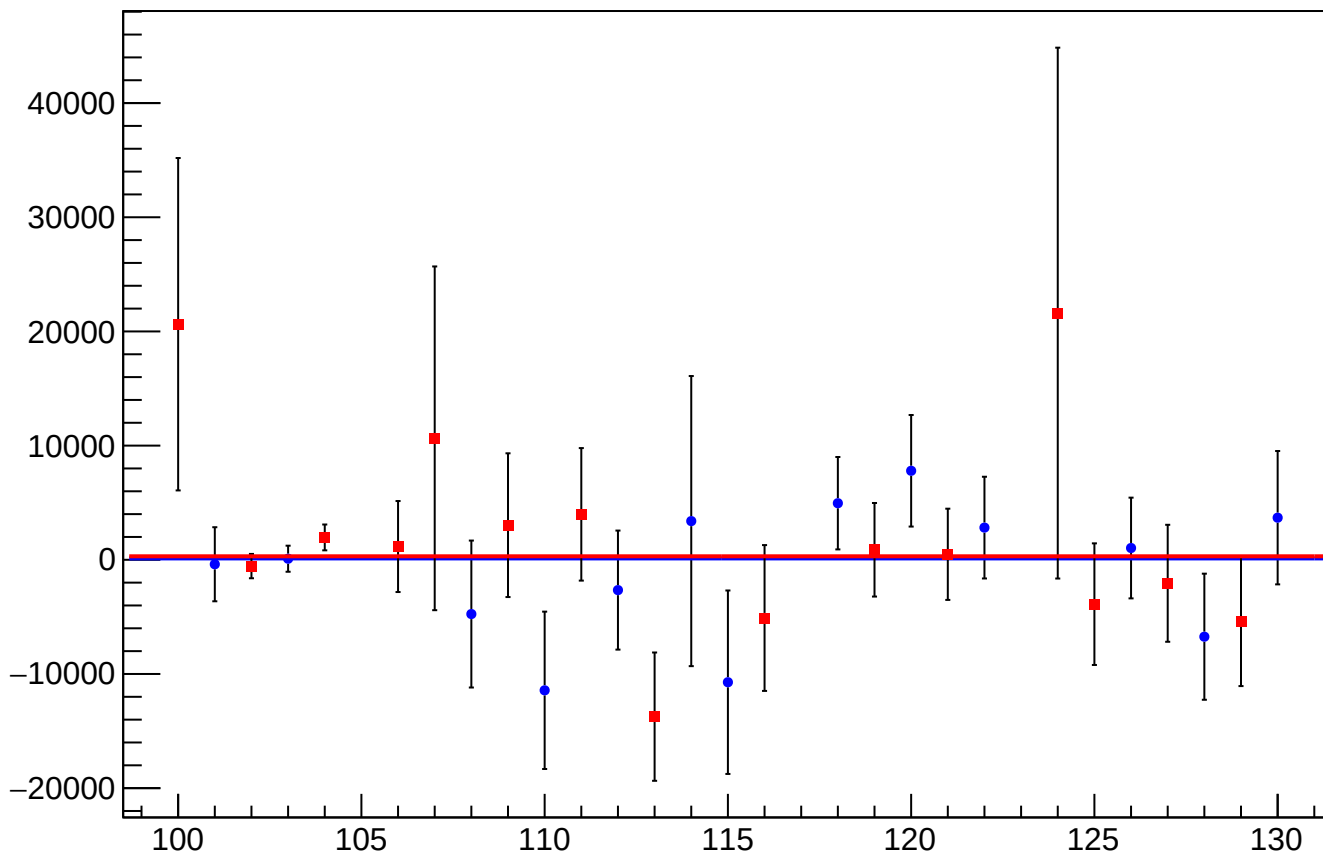
Right: 1727.481+/-0.369 χ^2/NDF : 361134.1/26

In: 1699.008+/-0.515 χ^2/NDF : 119326.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1727.481+/-0.369 χ^2/NDF : 361134.1/26

asym_atl_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 120.221+/-900.428 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 306.401+/-694.330 χ^2/NDF : 15.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

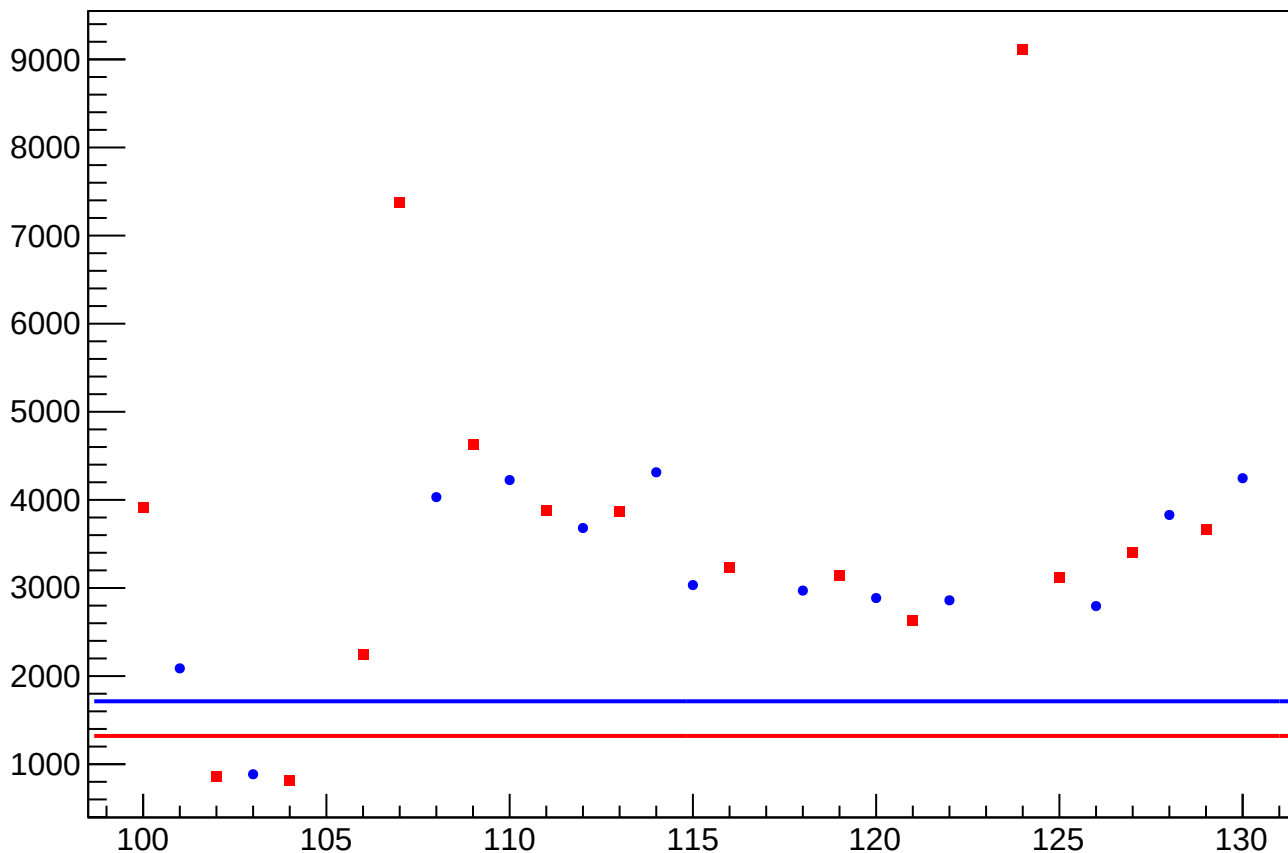
Right: 236.977+/-549.842 χ^2/NDF : 27.3/27

In: 120.221+/-900.428 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 236.977+/-549.842 χ^2/NDF : 27.3/27

asym_atl_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1714.060+/-0.637 χ^2/NDF : 3257310.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1320.764+/-0.491 χ^2/NDF : 4550573.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

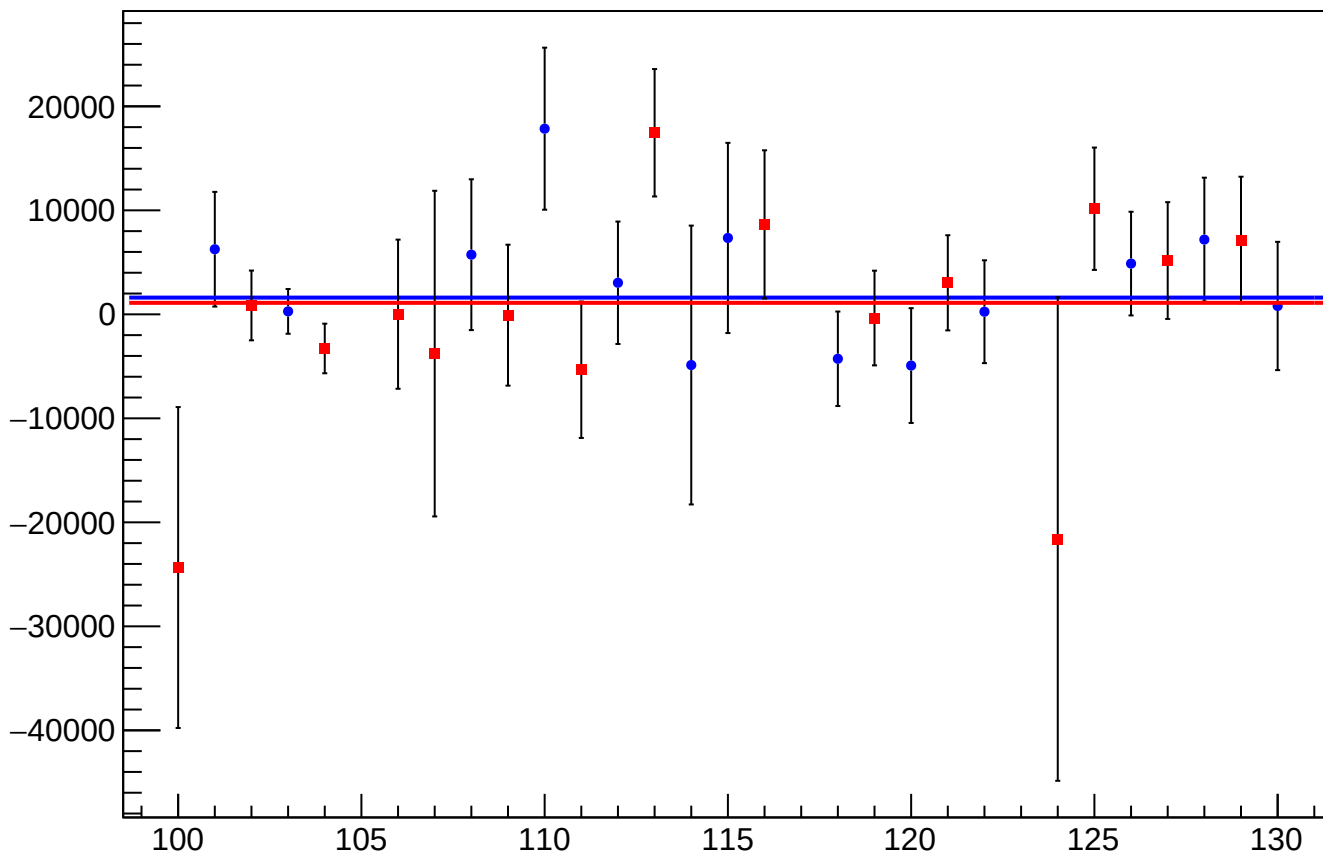
Right: 1467.419+/-0.389 χ^2/NDF : 8047169.8/27

In: 1714.060+/-0.637 χ^2/NDF : 3257310.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1467.419+/-0.389 χ^2/NDF : 8047169.8/27

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1609.250+/-1351.536 χ^2/NDF : 10.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1105.887+/-1325.154 χ^2/NDF : 20.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

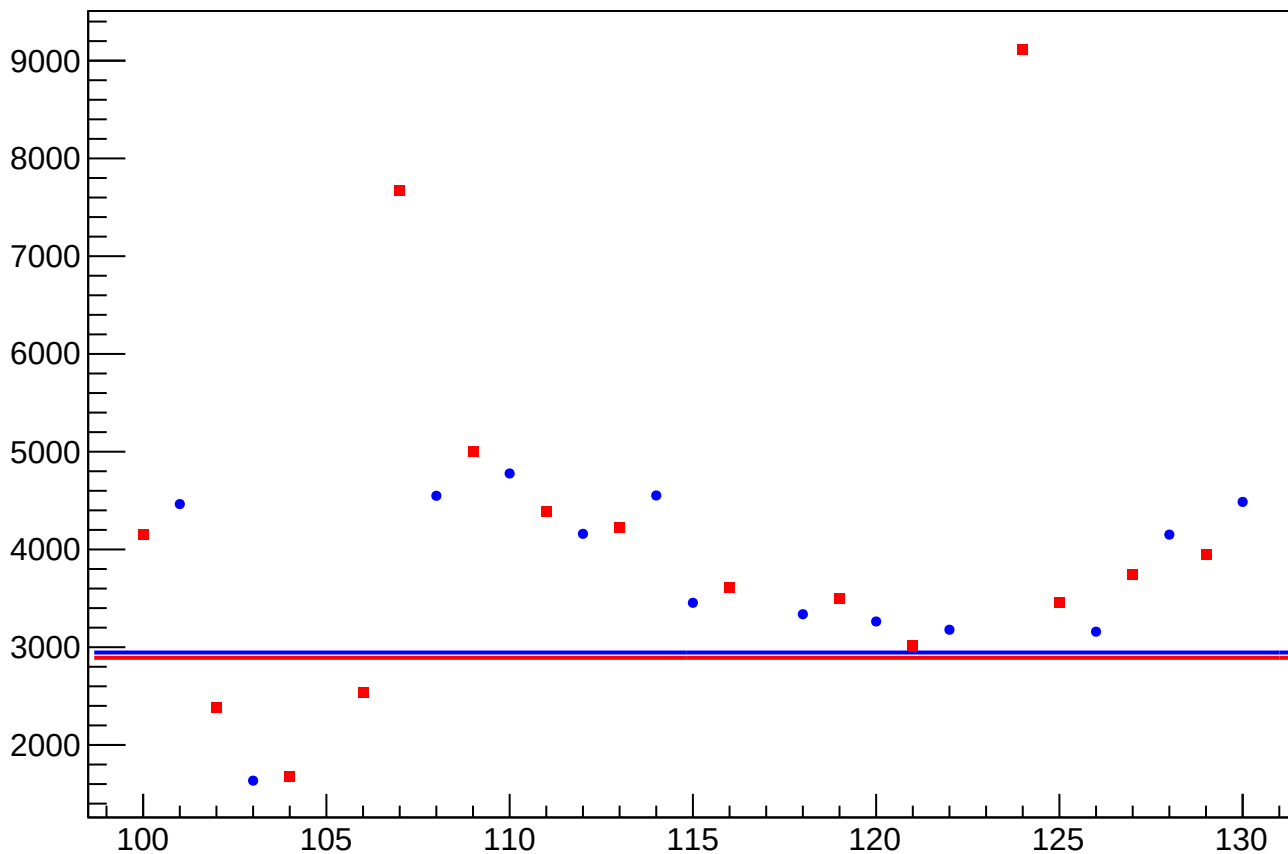
Right: 1352.607+/-946.215 χ^2/NDF : 31.6/27

In: 1609.250+/-1351.536 χ^2/NDF : 10.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1352.607+/-946.215 χ^2/NDF : 31.6/27

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 2945.751+/-0.956 χ^2/NDF : 1457700.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2891.656+/-0.920 χ^2/NDF : 1495143.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

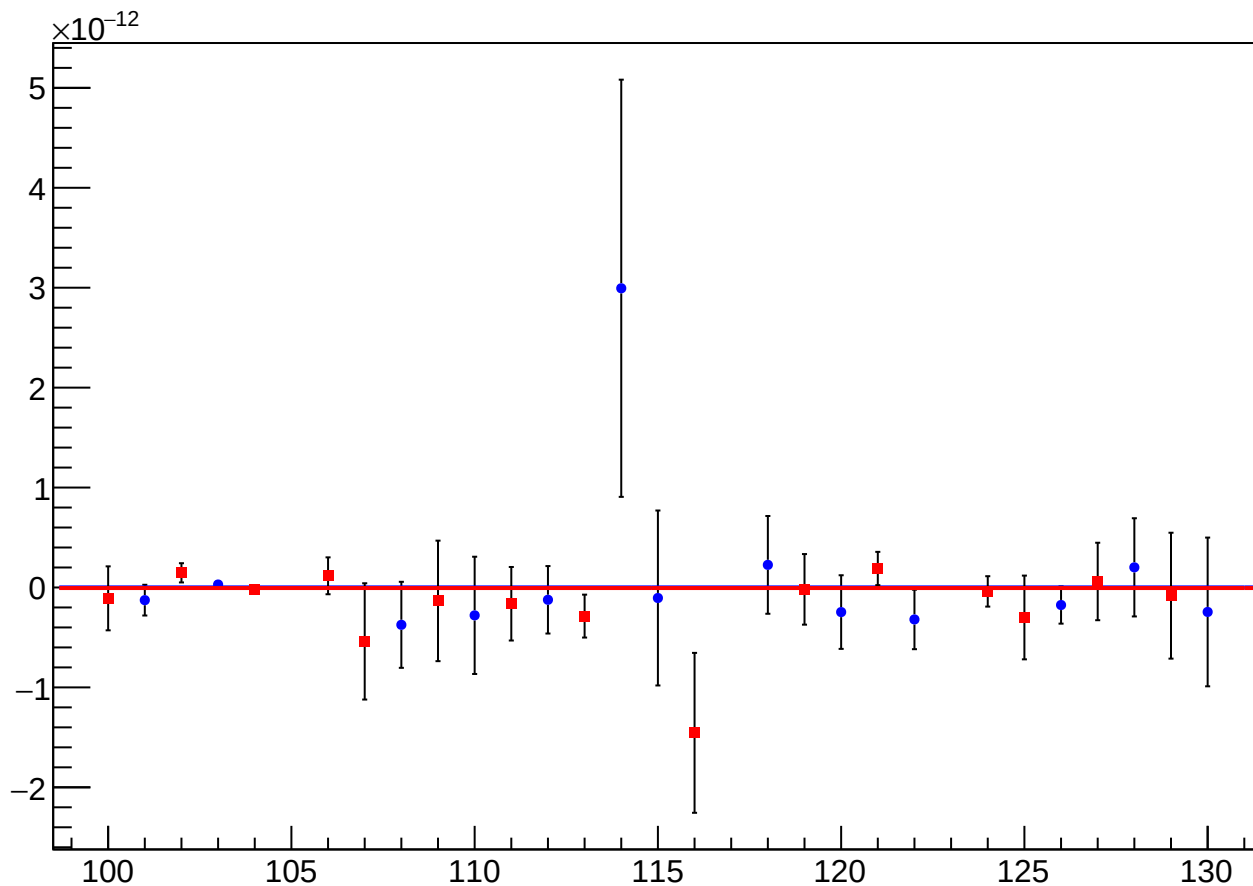
Right: 2917.688+/-0.663 χ^2/NDF : 2954505.7/27

In: 2945.751+/-0.956 χ^2/NDF : 1457700.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2917.688+/-0.663 χ^2/NDF : 2954505.7/27

asym_atl_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

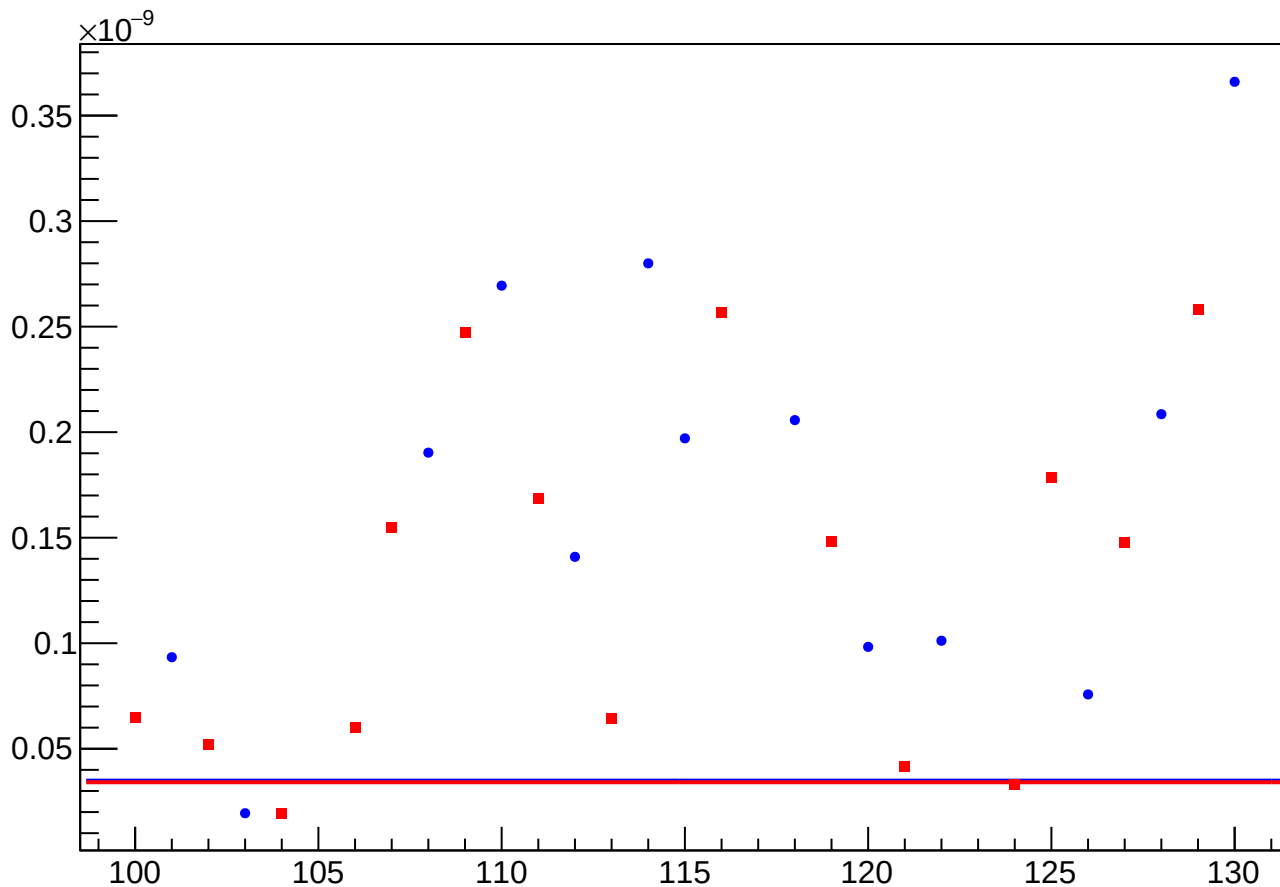
Right: -0.000+/-0.000 χ^2/NDF : 18.7/27

In: 0.000+/-0.000 χ^2/NDF : 7.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.7/27

asym_atl_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2603729.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2078183.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

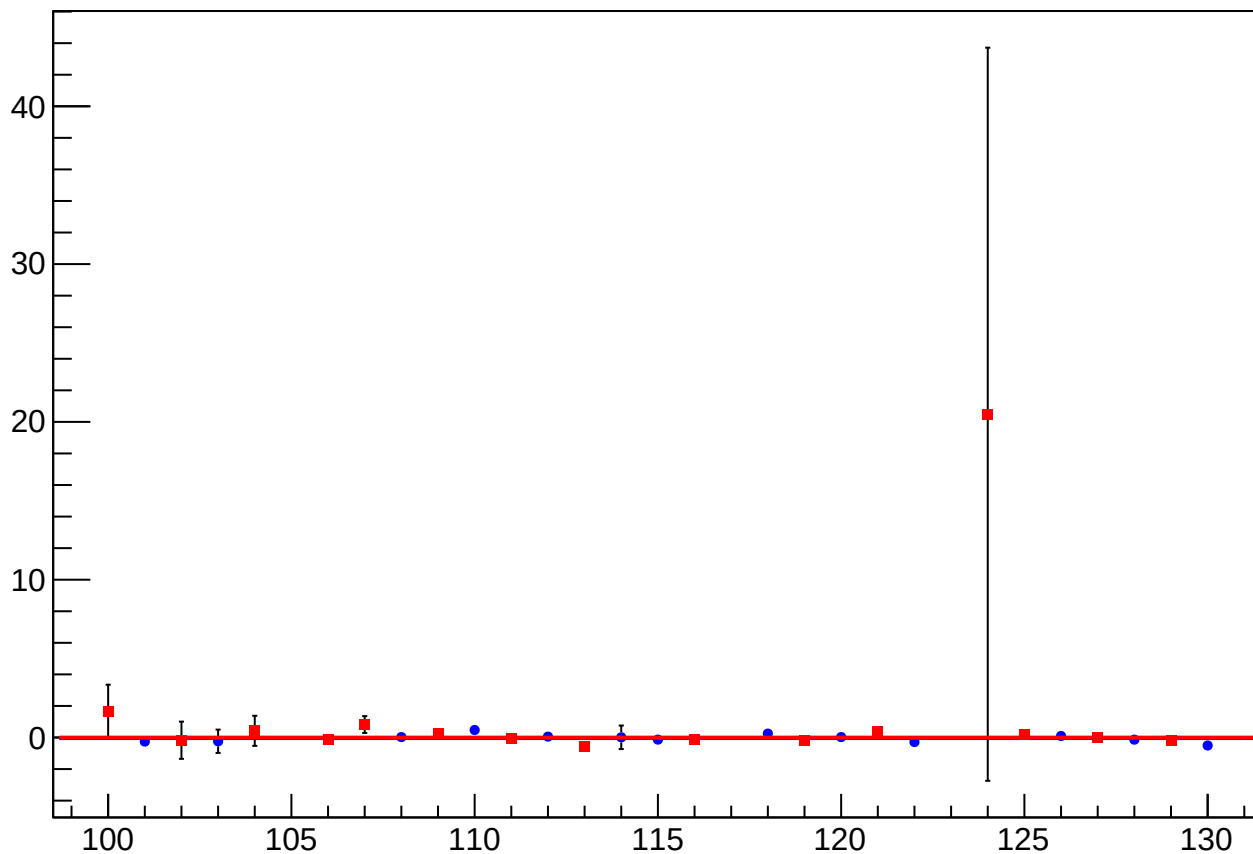
Right: 0.000+/-0.000 χ^2/NDF : 4682385.0/27

In: 0.000+/-0.000 χ^2/NDF : 2603729.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4682385.0/27

asym_atl_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.034 ± 0.063 χ^2/NDF : 14.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.008 ± 0.060 χ^2/NDF : 19.5/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

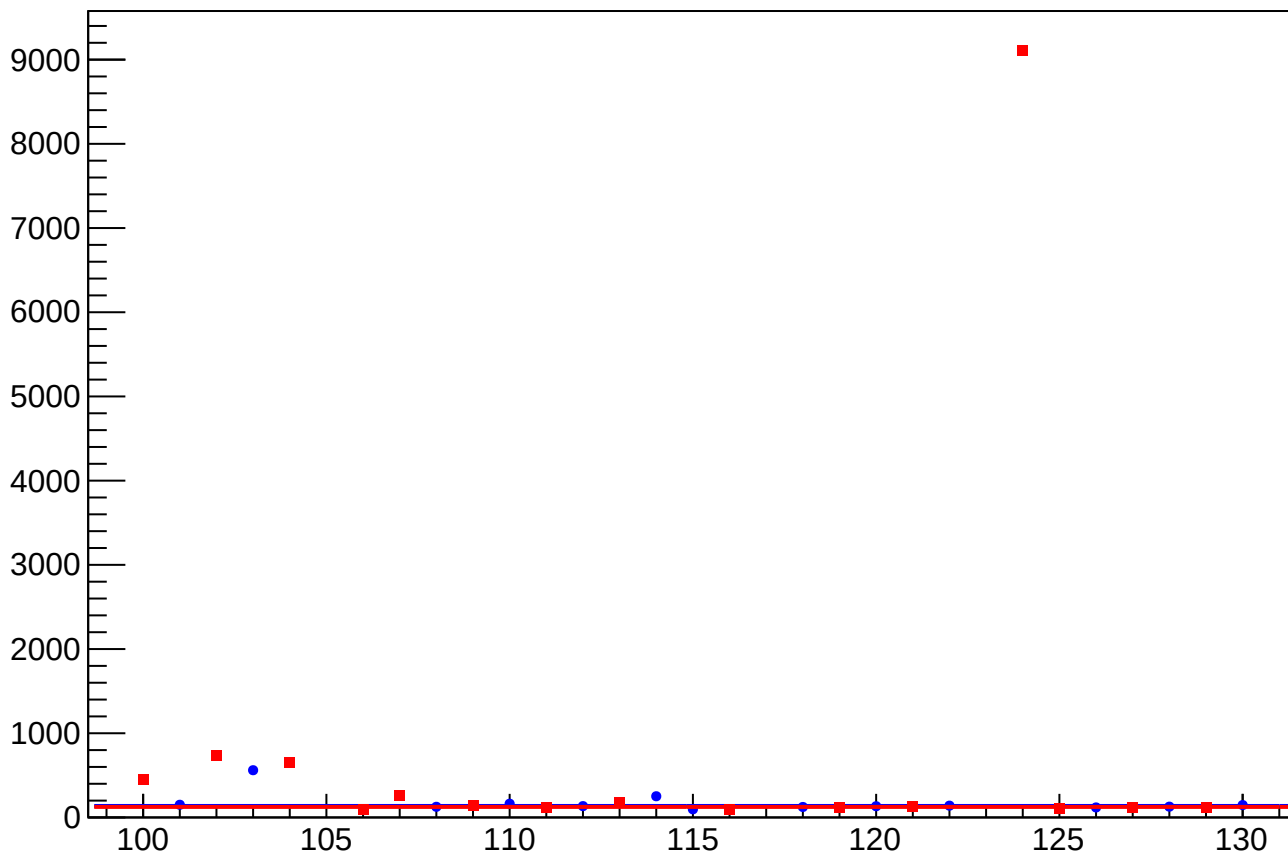
Right: -0.020 ± 0.044 χ^2/NDF : 34.3/27

In: -0.034 ± 0.063 χ^2/NDF : 14.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.020 ± 0.044 χ^2/NDF : 34.3/27

asym_atl_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 136.434+/-0.044 χ^2/NDF : 821332.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.233+/-0.043 χ^2/NDF : 1840737.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

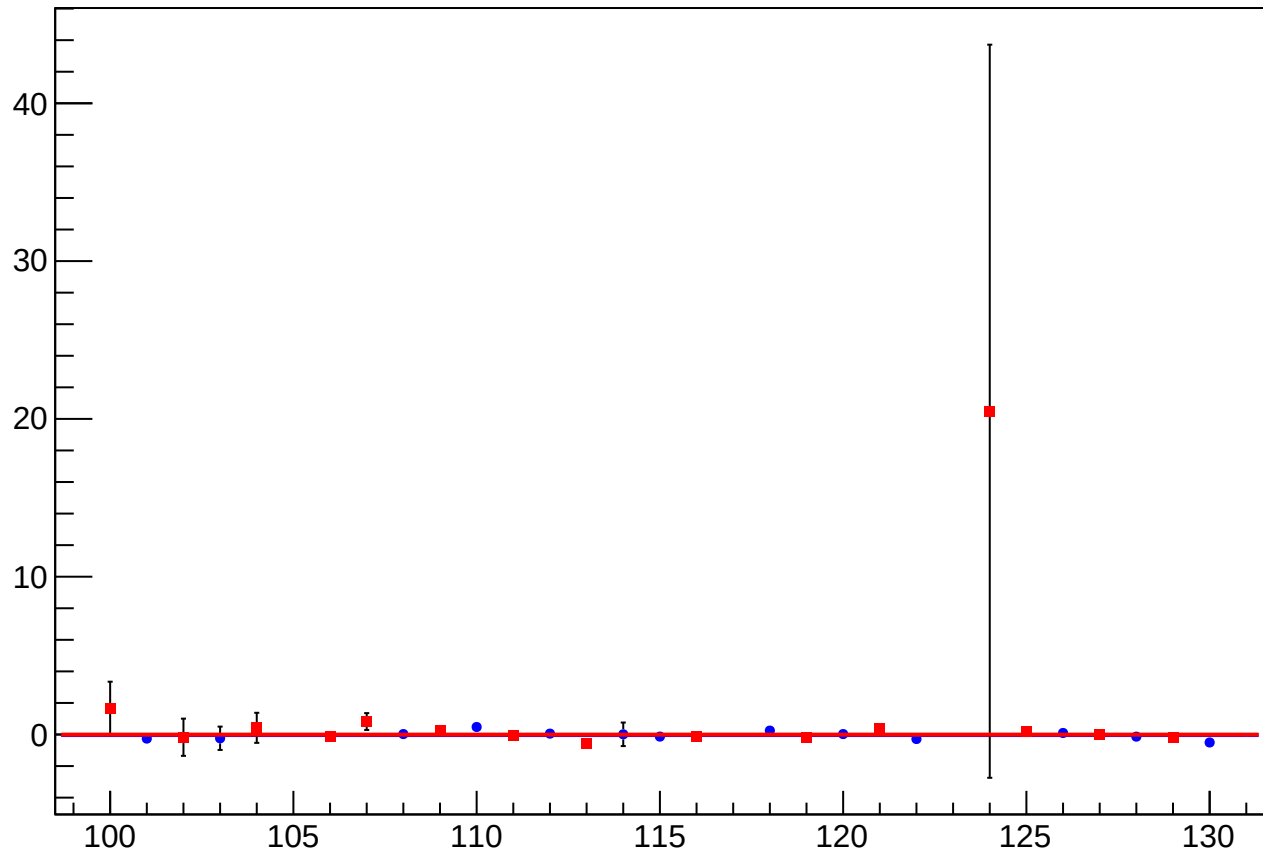
Right: 130.622+/-0.031 χ^2/NDF : 2695113.3/27

In: 136.434+/-0.044 χ^2/NDF : 821332.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.622+/-0.031 χ^2/NDF : 2695113.3/27

asym_atl_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.034+/-0.063 χ^2/NDF : 14.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.008+/-0.060 χ^2/NDF : 19.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

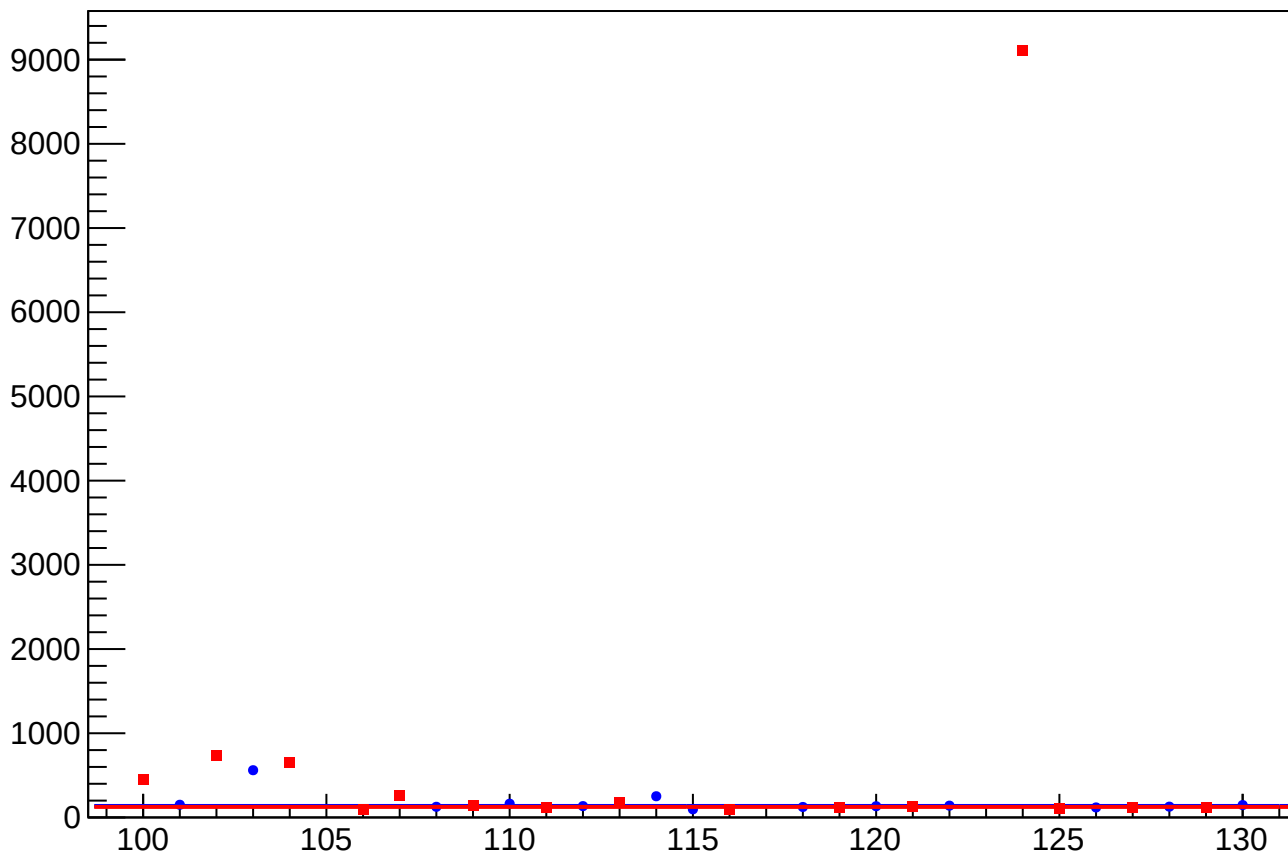
Right: -0.020+/-0.044 χ^2/NDF : 34.3/27

In: -0.034+/-0.063 χ^2/NDF : 14.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.020+/-0.044 χ^2/NDF : 34.3/27

asym_atl_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 136.434+/-0.044 χ^2/NDF : 821332.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.233+/-0.043 χ^2/NDF : 1840737.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

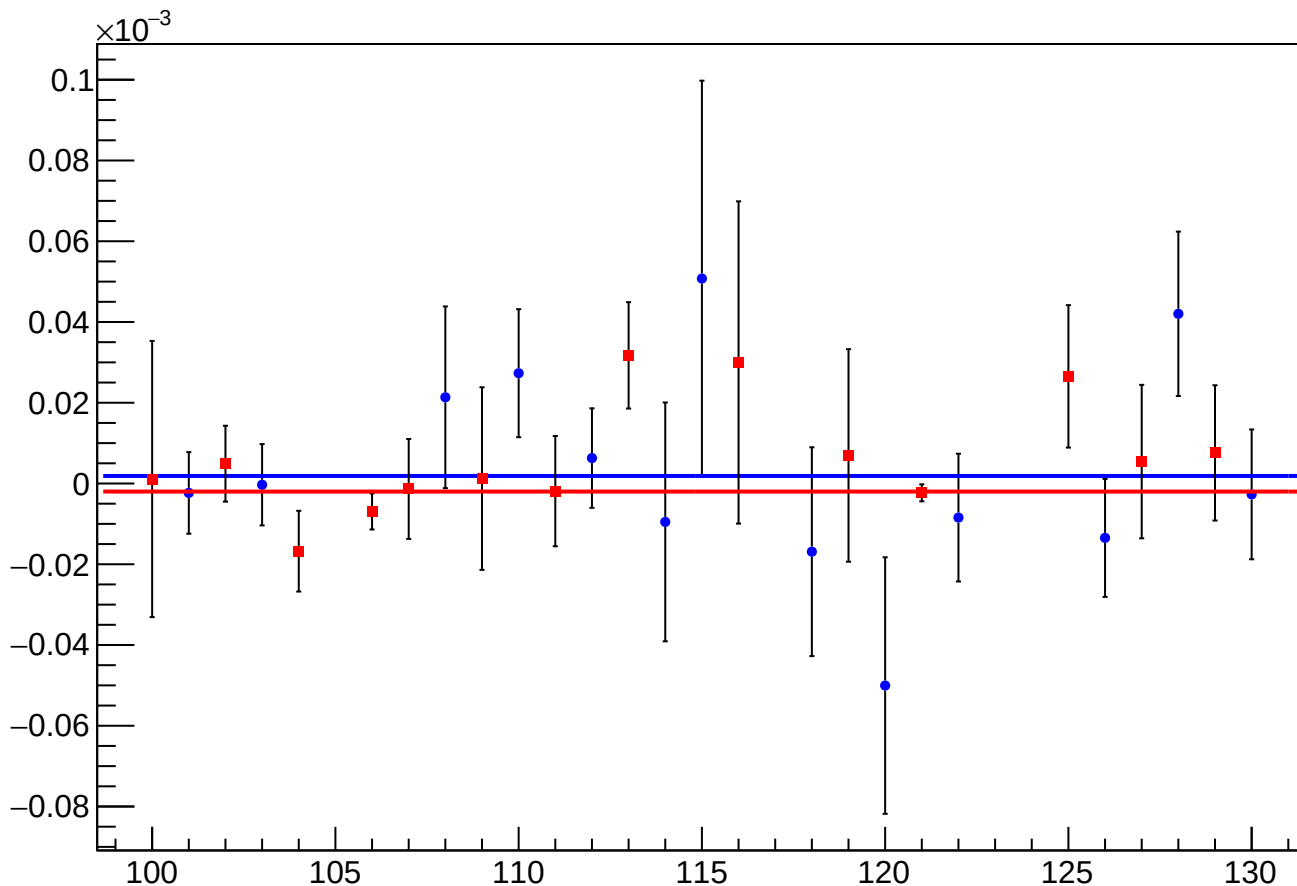
Right: 130.622+/-0.031 χ^2/NDF : 2695113.3/27

In: 136.434+/-0.044 χ^2/NDF : 821332.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.622+/-0.031 χ^2/NDF : 2695113.3/27

asym_atl_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

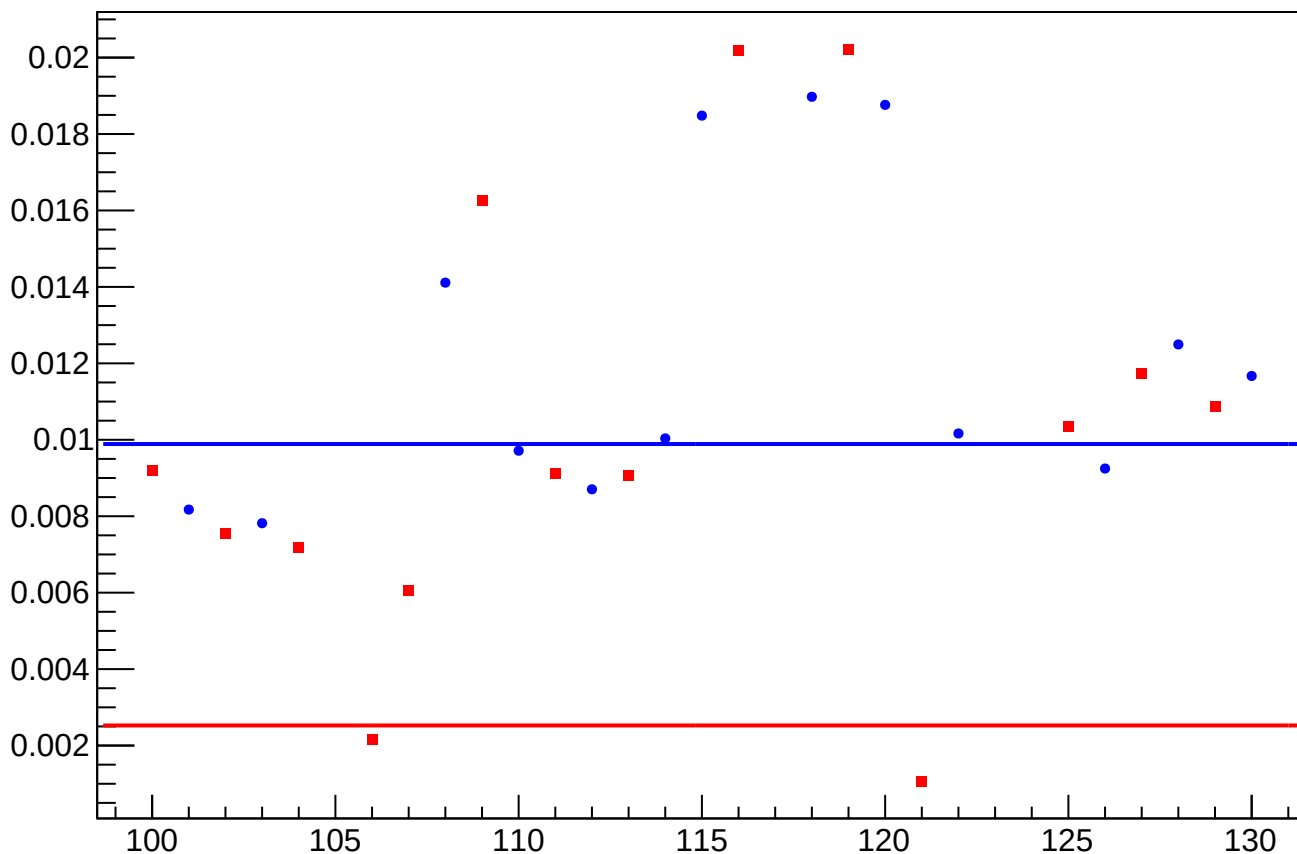
Right: -0.000+/-0.000 χ^2/NDF : 28.6/26

In: 0.000+/-0.000 χ^2/NDF : 13.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.6/26

asym_atl_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 757676.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 6586056.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

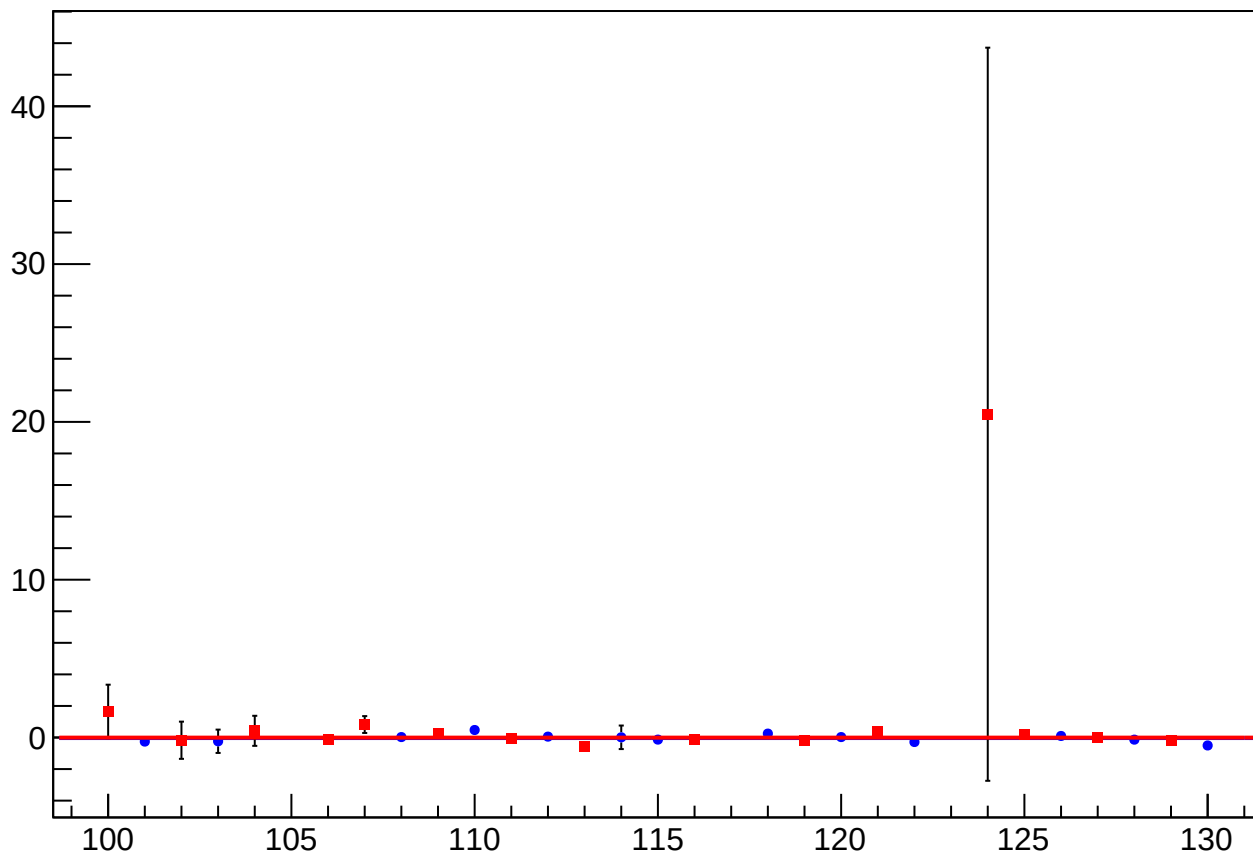
Right: 0.004+/-0.000 χ^2/NDF : 12147893.9/26

In: 0.010+/-0.000 χ^2/NDF : 757676.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 12147893.9/26

asym_atl_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.034+/-0.063 χ^2 /NDF: 14.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.008+/-0.060 χ^2 /NDF: 19.5/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

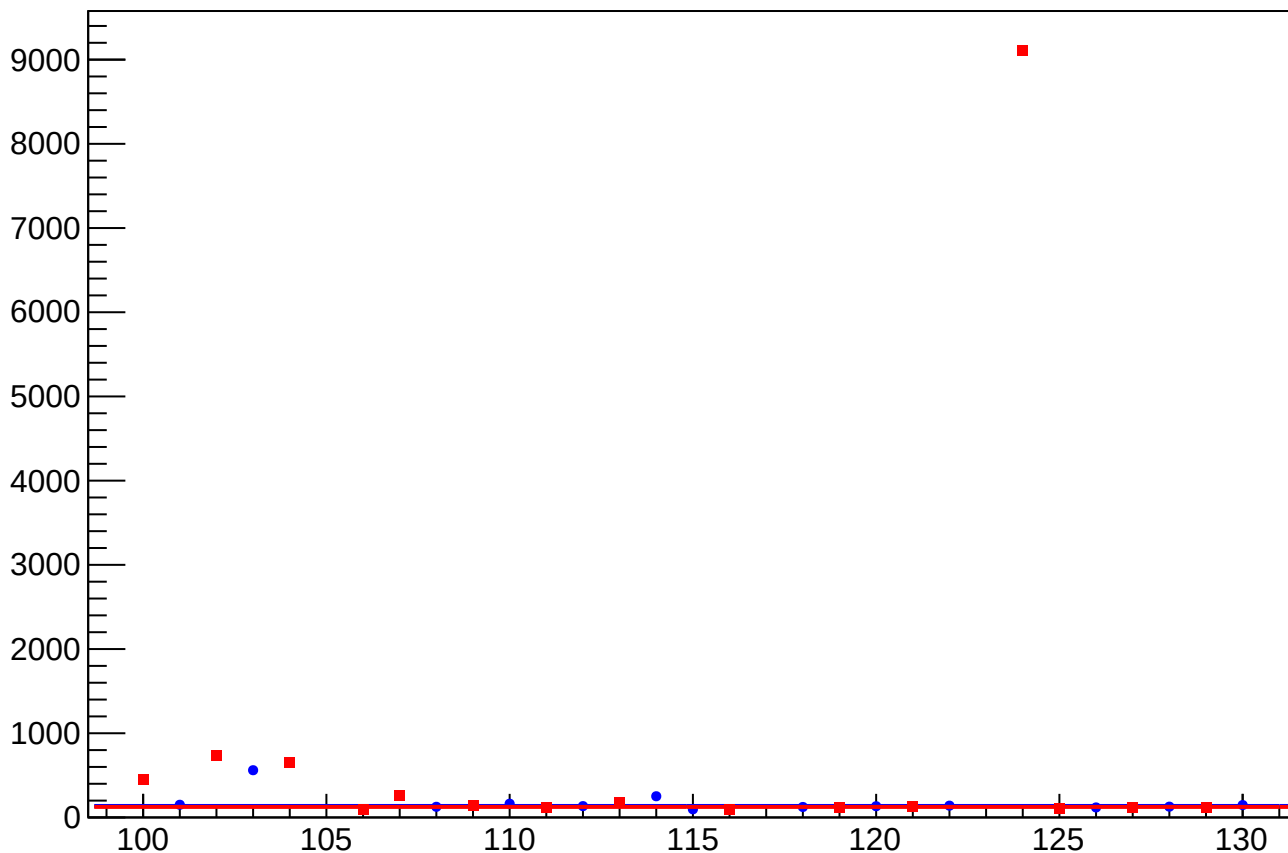
Right: -0.020+/-0.044 χ^2 /NDF: 34.3/27

In: -0.034+/-0.063 χ^2 /NDF:14.6/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.020+/-0.044 χ^2 /NDF: 34.3/27

asym_atl_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 136.433+/-0.044 χ^2/NDF : 821334.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.233+/-0.043 χ^2/NDF : 1840715.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

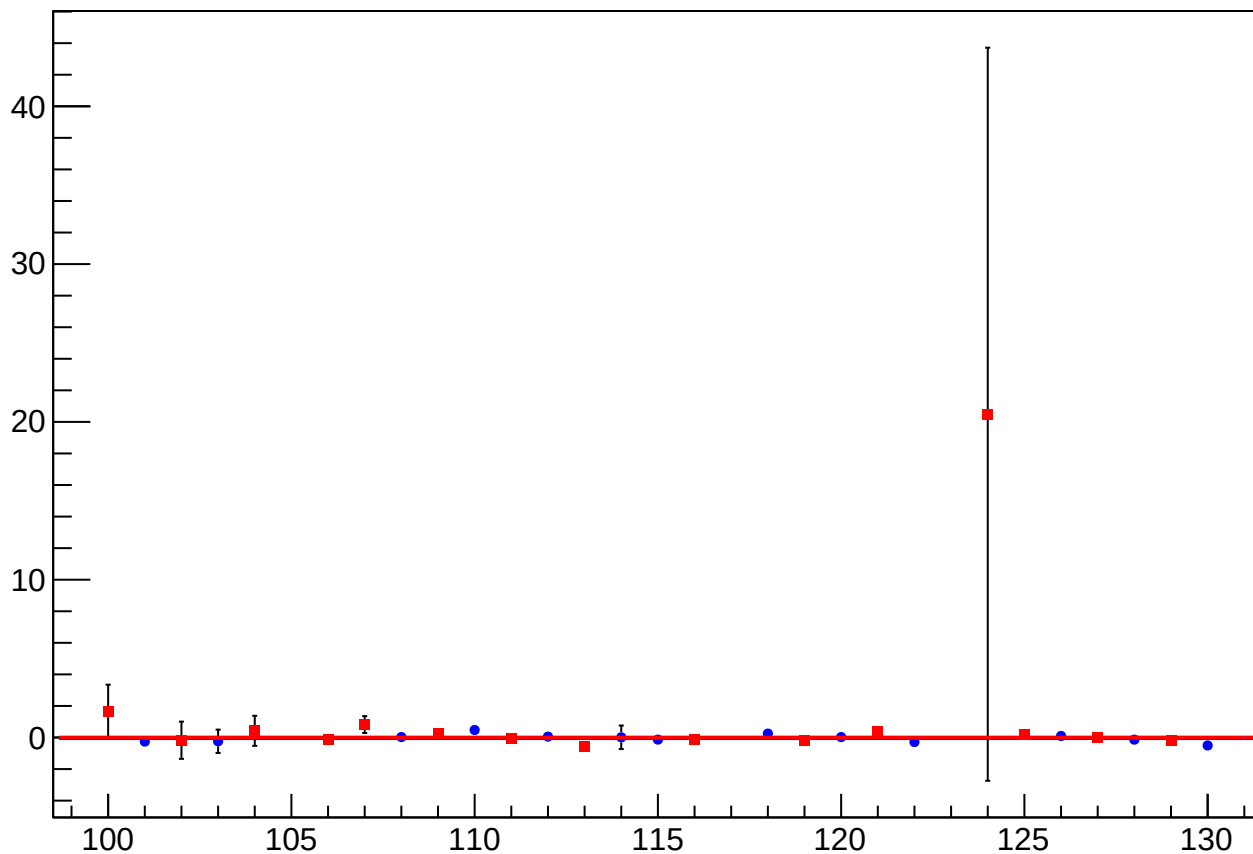
Right: 130.621+/-0.031 χ^2/NDF : 2695085.6/27

In: 136.433+/-0.044 χ^2/NDF : 821334.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.621+/-0.031 χ^2/NDF : 2695085.6/27

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.034+/-0.063 χ^2 /NDF: 14.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.008+/-0.060 χ^2 /NDF: 19.5/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

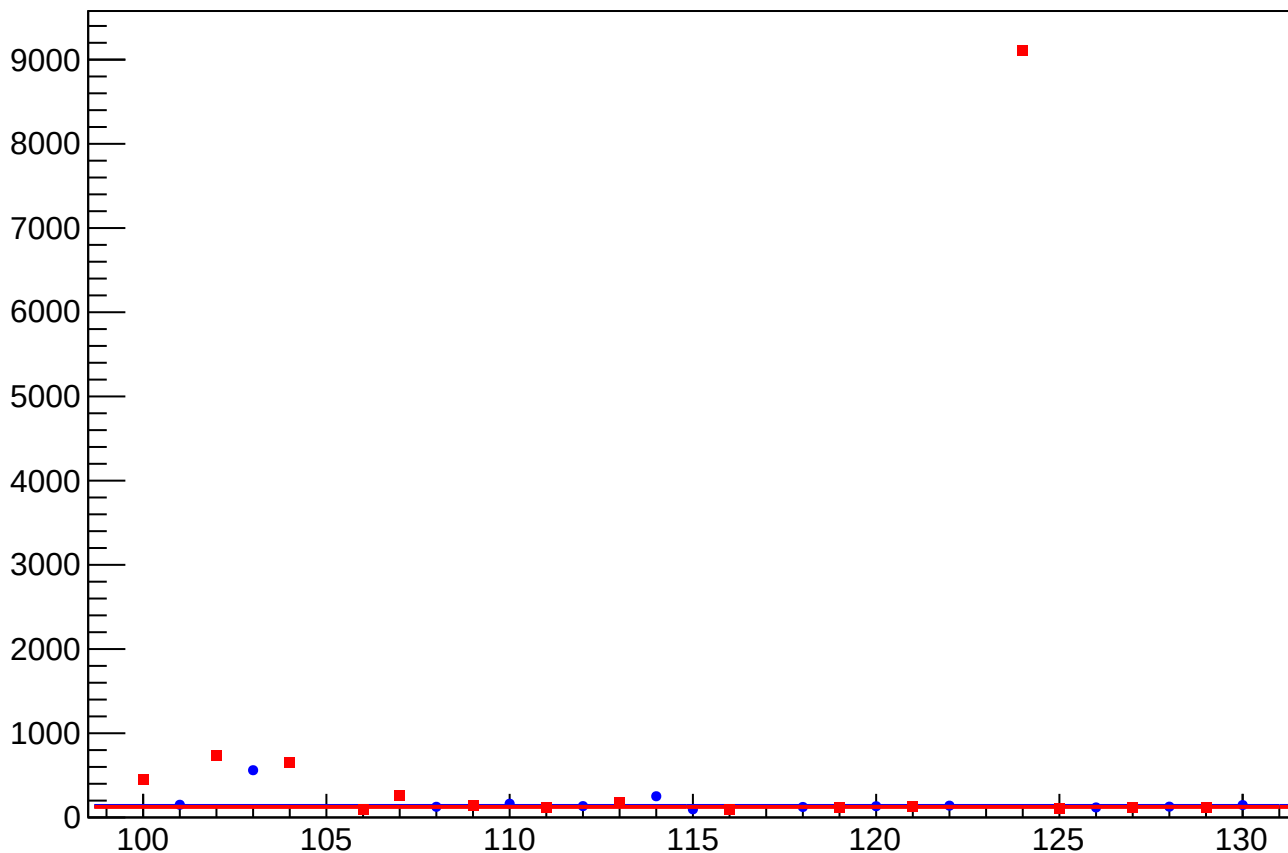
Right: -0.020+/-0.044 χ^2 /NDF: 34.3/27

In: -0.034+/-0.063 χ^2 /NDF:14.6/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.020+/-0.044 χ^2 /NDF: 34.3/27

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 136.433+/-0.044 χ^2/NDF : 821334.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.233+/-0.043 χ^2/NDF : 1840715.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

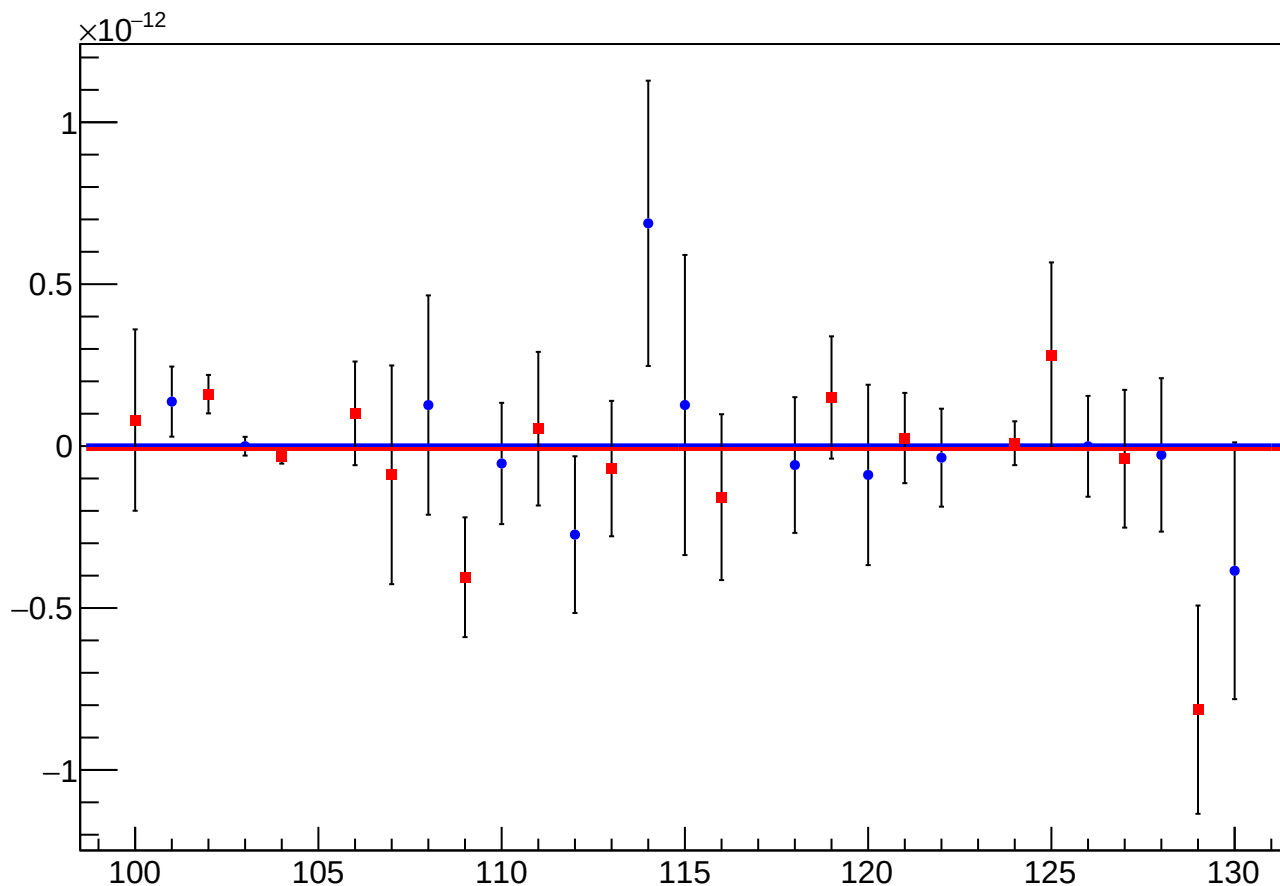
Right: 130.621+/-0.031 χ^2/NDF : 2695085.6/27

In: 136.433+/-0.044 χ^2/NDF : 821334.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.621+/-0.031 χ^2/NDF : 2695085.6/27

asym_atl_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 23.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

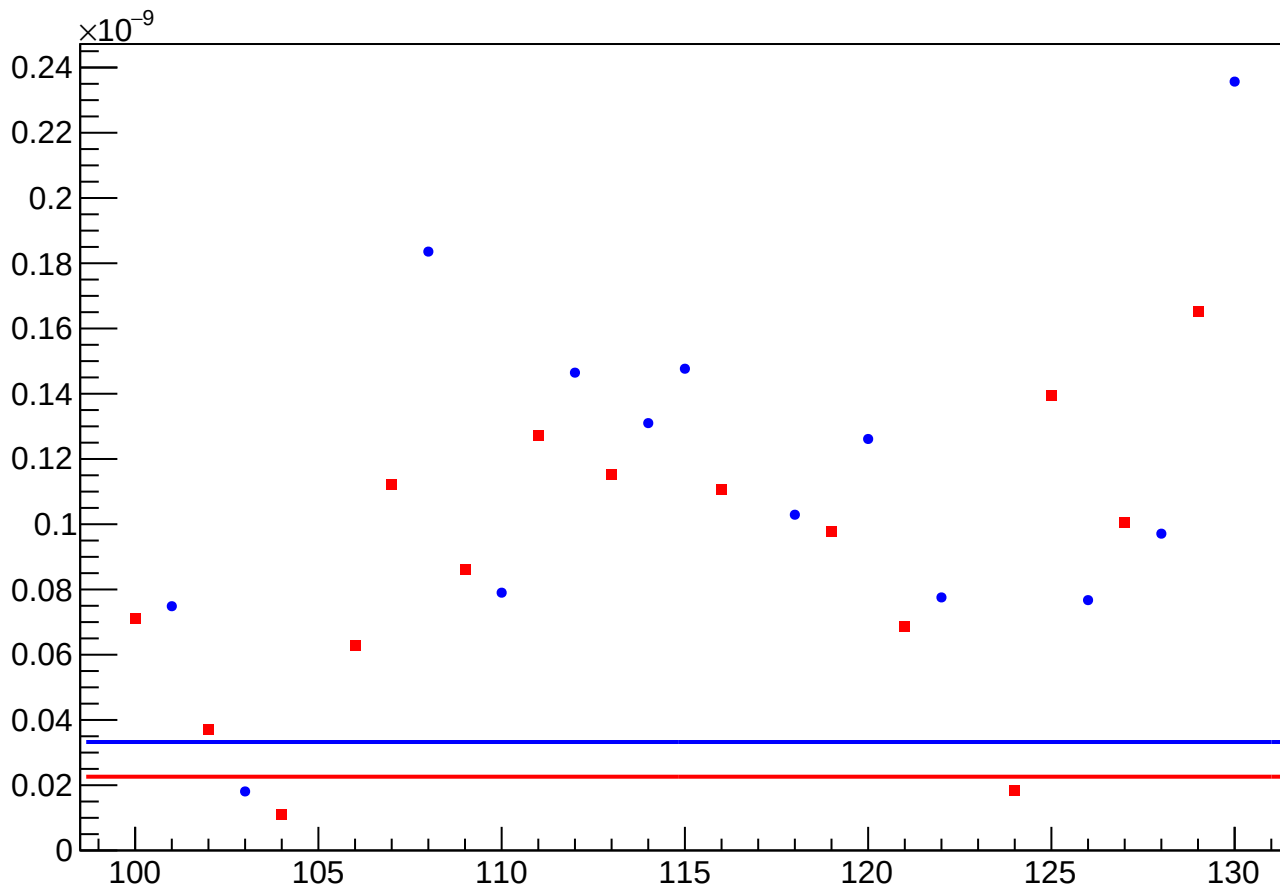
Right: -0.000+/-0.000 χ^2/NDF : 29.9/27

In: 0.000+/-0.000 χ^2/NDF : 6.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.9/27

asym_atl_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3453593.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3748217.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

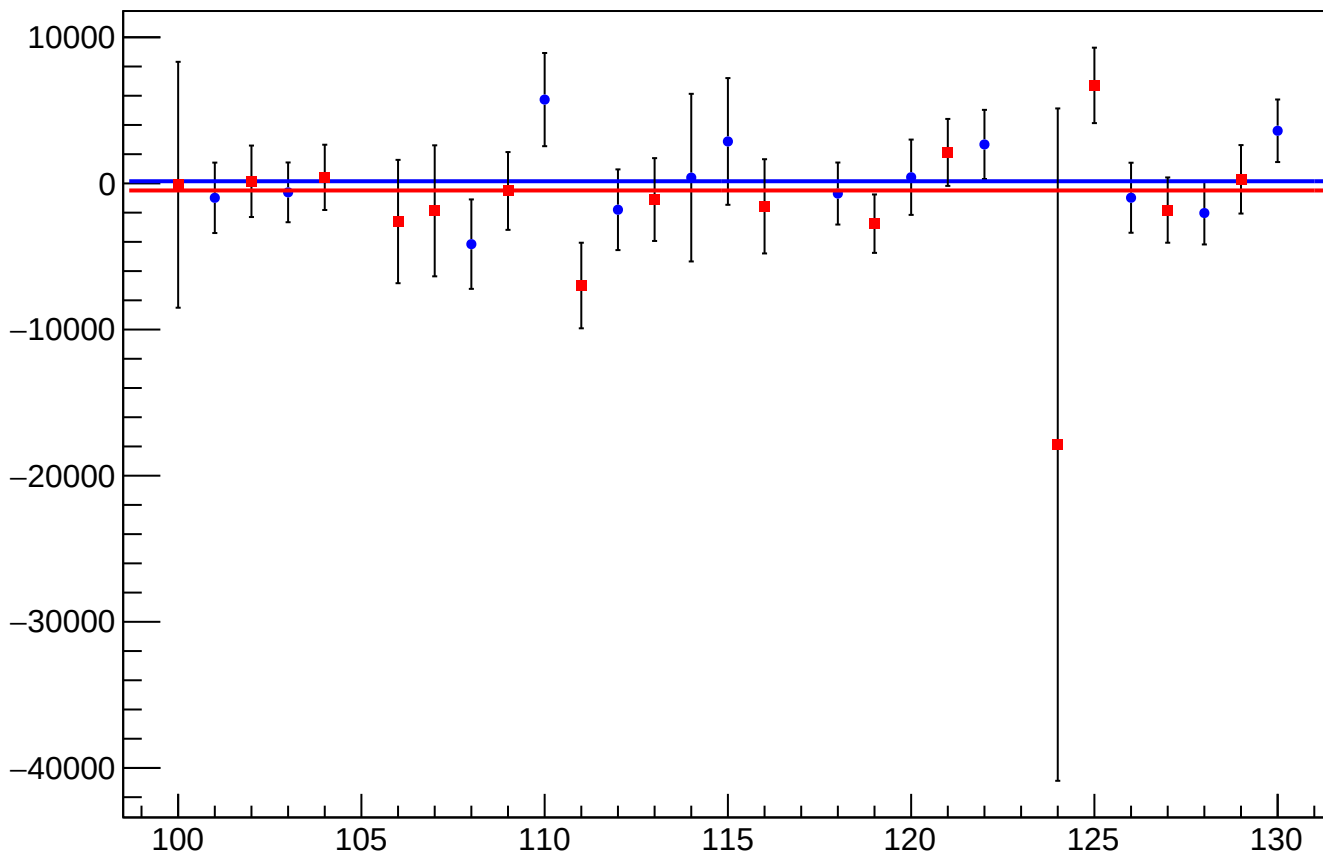
Right: 0.000+/-0.000 χ^2/NDF : 7419277.4/27

In: 0.000+/-0.000 χ^2/NDF : 3453593.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7419277.4/27

reg_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 148.908 $\pm$ 708.619 χ^2 /NDF: 11.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -482.615 $\pm$ 717.666 χ^2 /NDF: 17.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

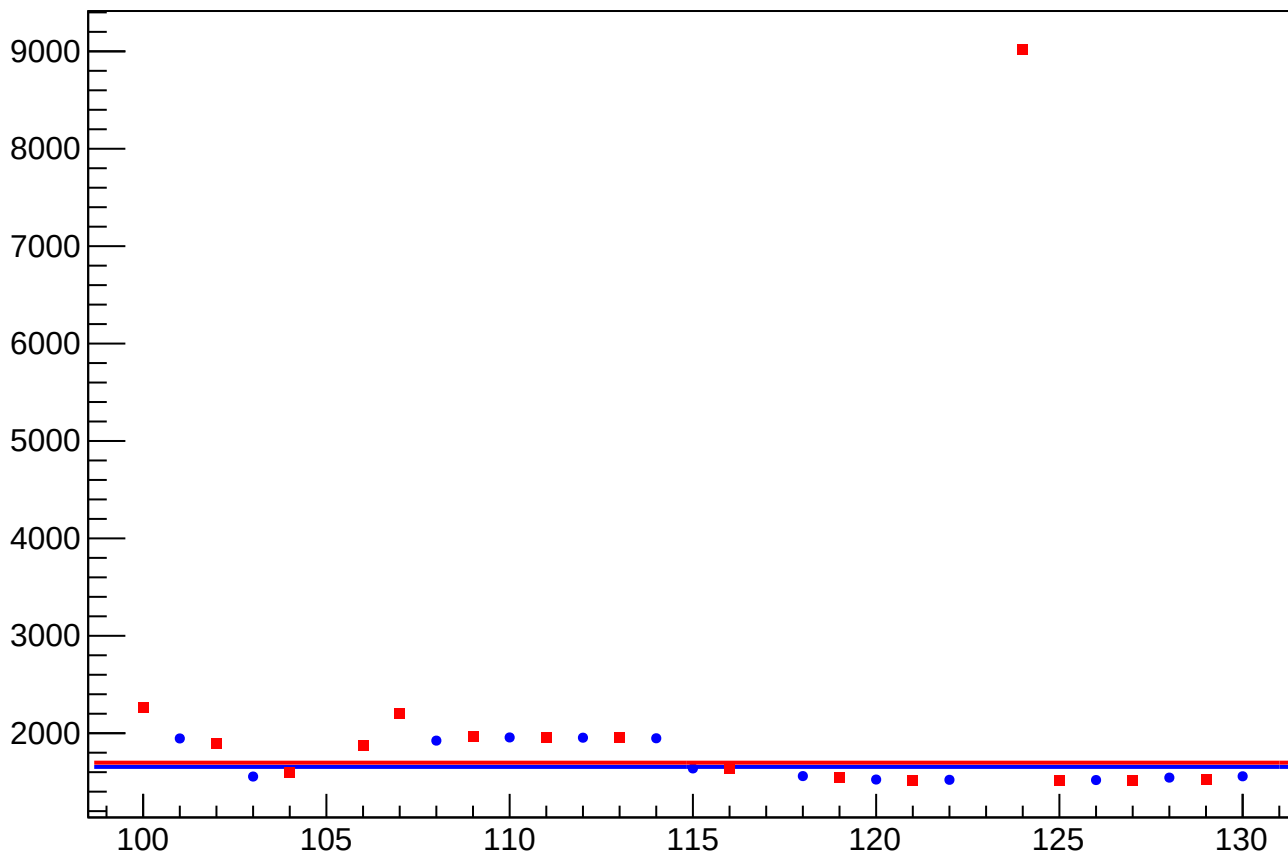
Right: -162.848 $\pm$ 504.237 χ^2 /NDF: 28.9/27

In: 148.908 $\pm$ 708.619 χ^2 /NDF:11.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -162.848 $\pm$ 504.237 χ^2 /NDF: 28.9/27

reg_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1654.217+/-0.501 χ^2/NDF : 127382.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1697.621+/-0.504 χ^2/NDF : 373193.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

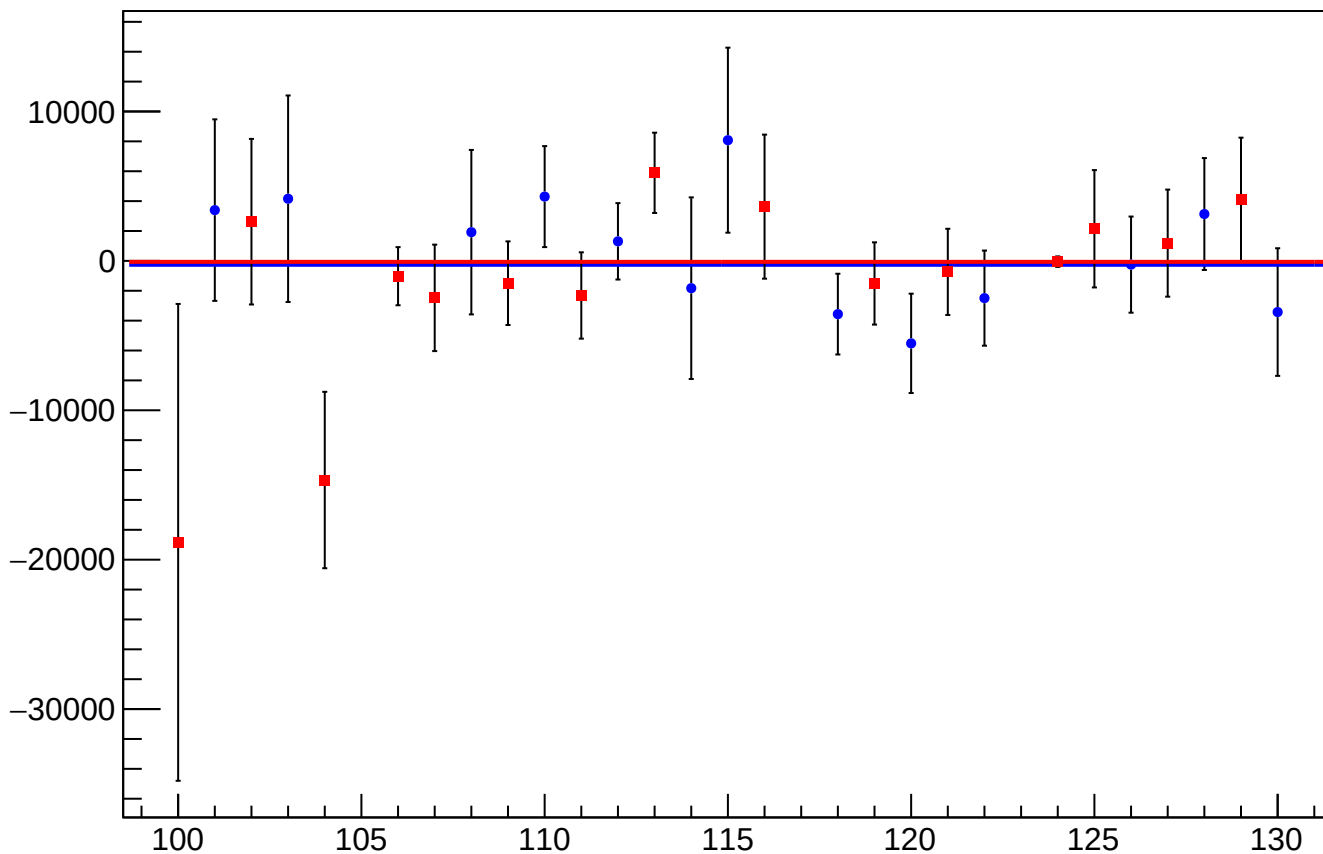
Right: 1675.772+/-0.356 χ^2/NDF : 504302.5/27

In: 1654.217+/-0.501 χ^2/NDF : 127382.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1675.772+/-0.356 χ^2/NDF : 504302.5/27

asym_atl_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -261.062 $\pm$ 1040.569 χ^2 /NDF: 10.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -64.028 $\pm$ 326.463 χ^2 /NDF: 16.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

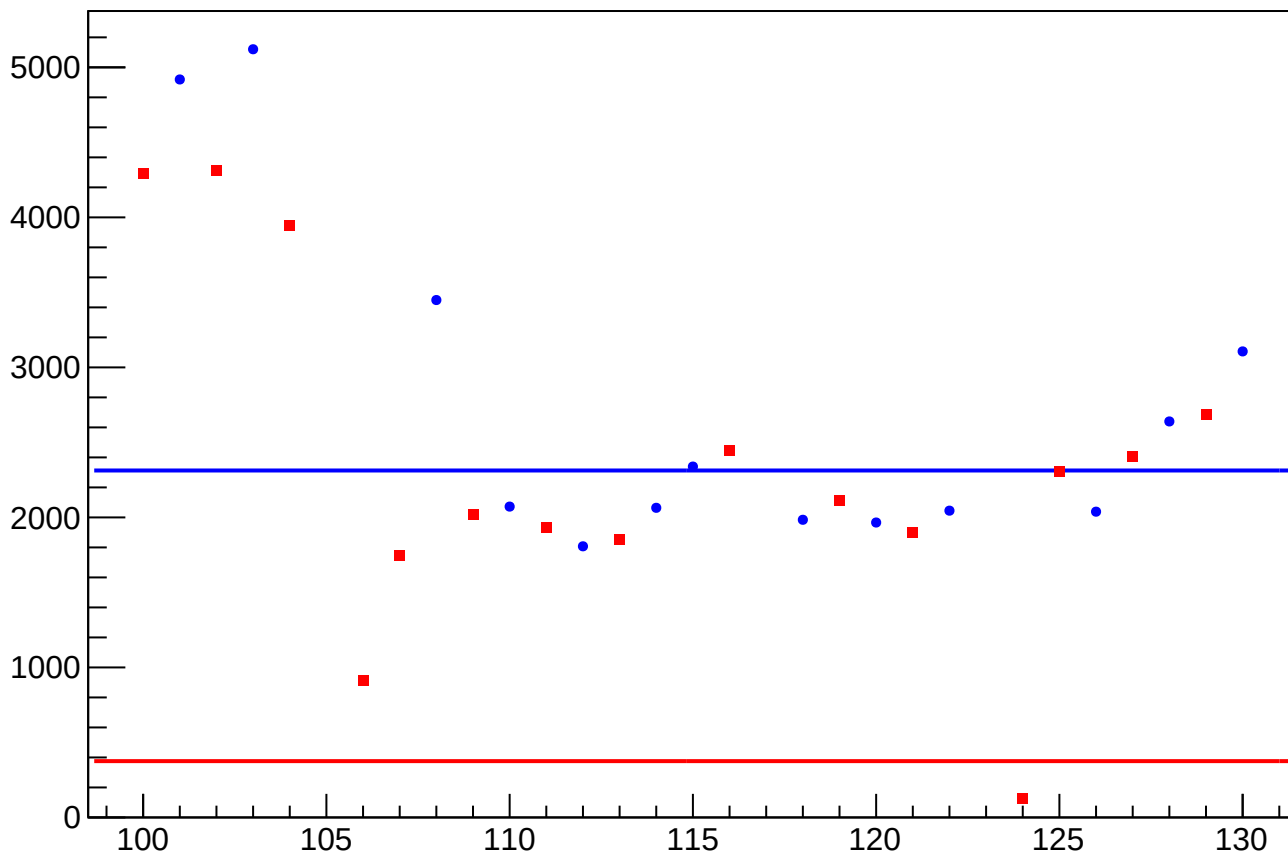
Right: -81.684 $\pm$ 311.493 χ^2 /NDF: 27.5/27

In: -261.062 $\pm$ 1040.569 χ^2 /NDF:10.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -81.684 $\pm$ 311.493 χ^2 /NDF: 27.5/27

asym_atl_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2312.797+/-0.736 χ^2/NDF : 1039509.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 375.485+/-0.231 χ^2/NDF : 8662501.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

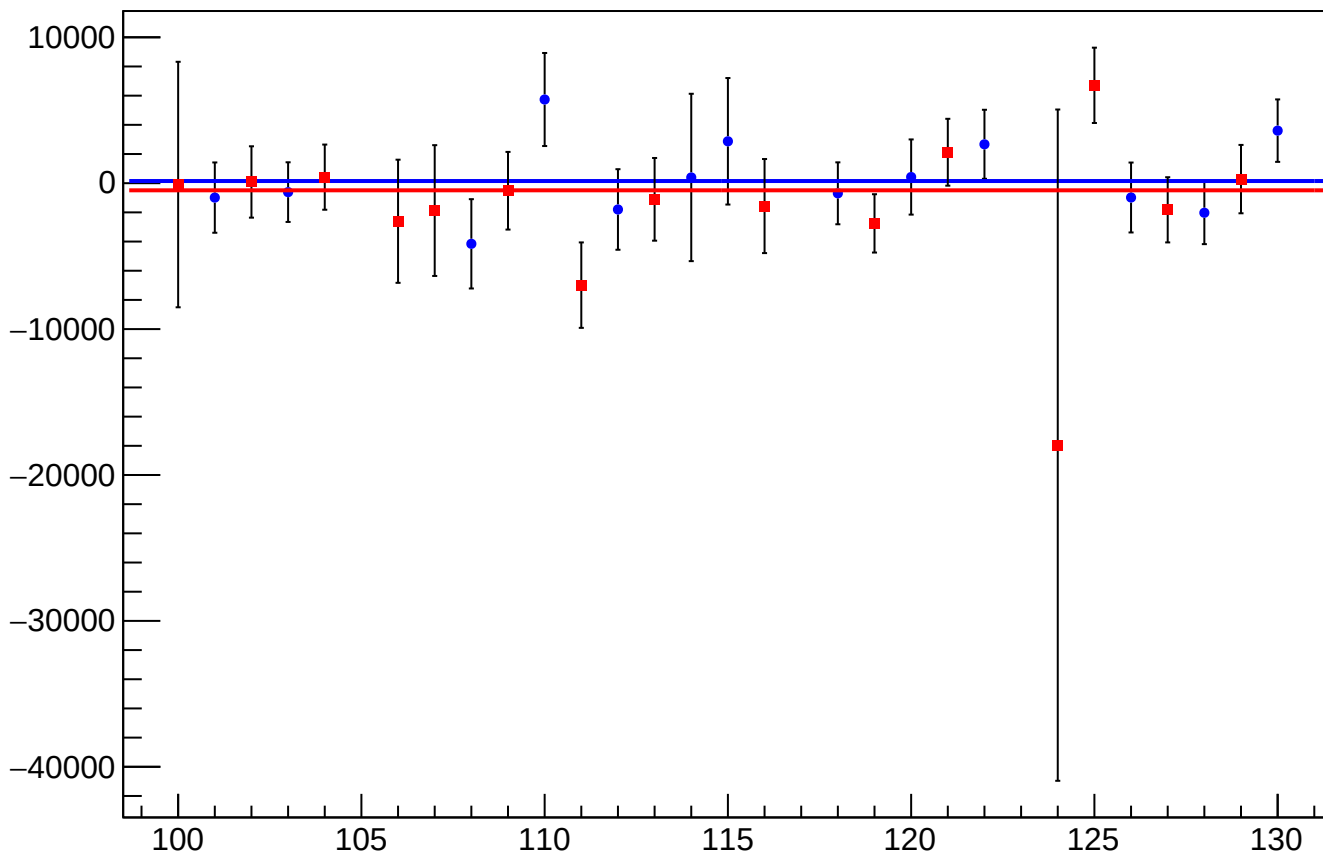
Right: 549.087+/-0.220 χ^2/NDF : 16013254.5/27

In: 2312.797+/-0.736 χ^2/NDF : 1039509.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 549.087+/-0.220 χ^2/NDF : 16013254.5/27

cor_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 148.778+/-708.619 χ^2/NDF : 11.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -488.111+/-717.675 χ^2/NDF : 17.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

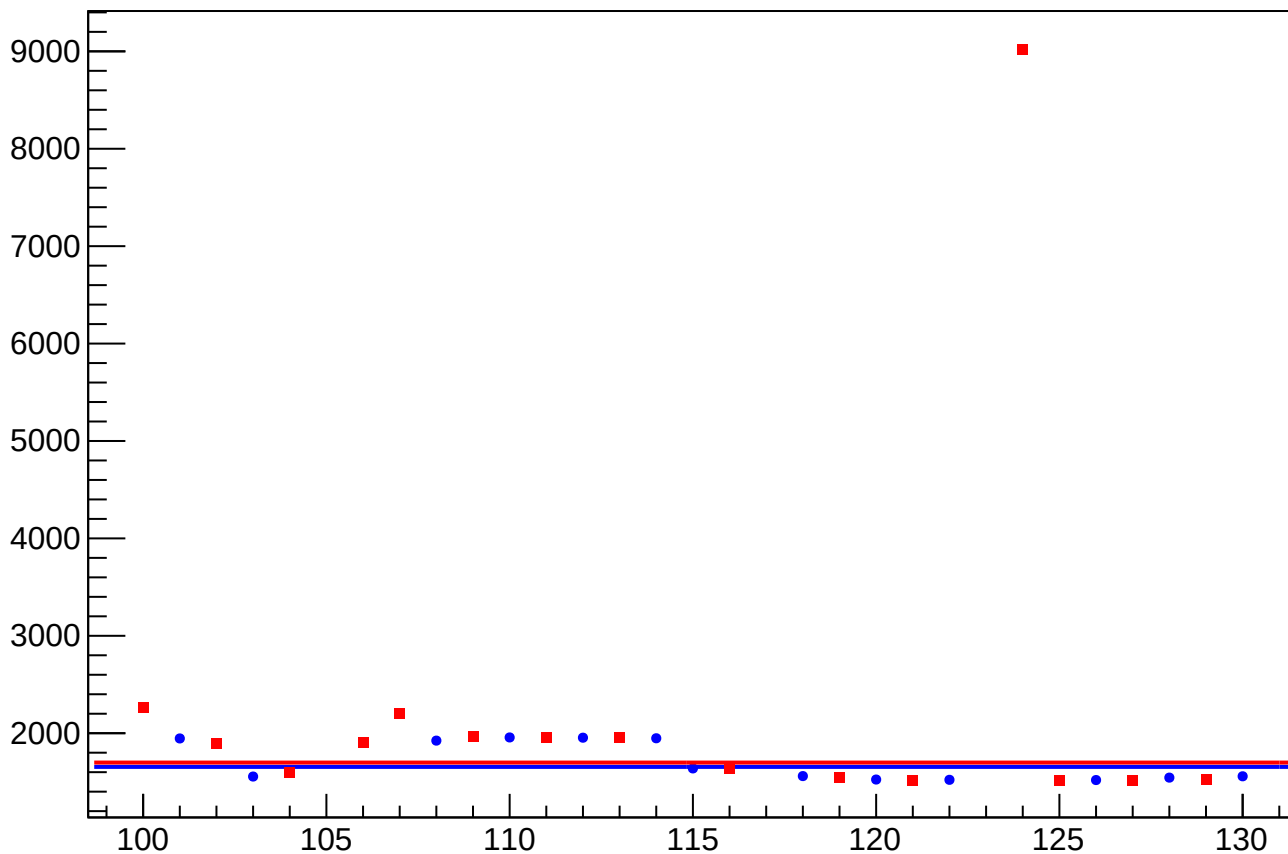
Right: -165.622+/-504.241 χ^2/NDF : 28.9/27

In: 148.778+/-708.619 χ^2/NDF : 11.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -165.622+/-504.241 χ^2/NDF : 28.9/27

cor_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1654.217+/-0.501 χ^2/NDF : 127382.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1698.639+/-0.505 χ^2/NDF : 374935.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

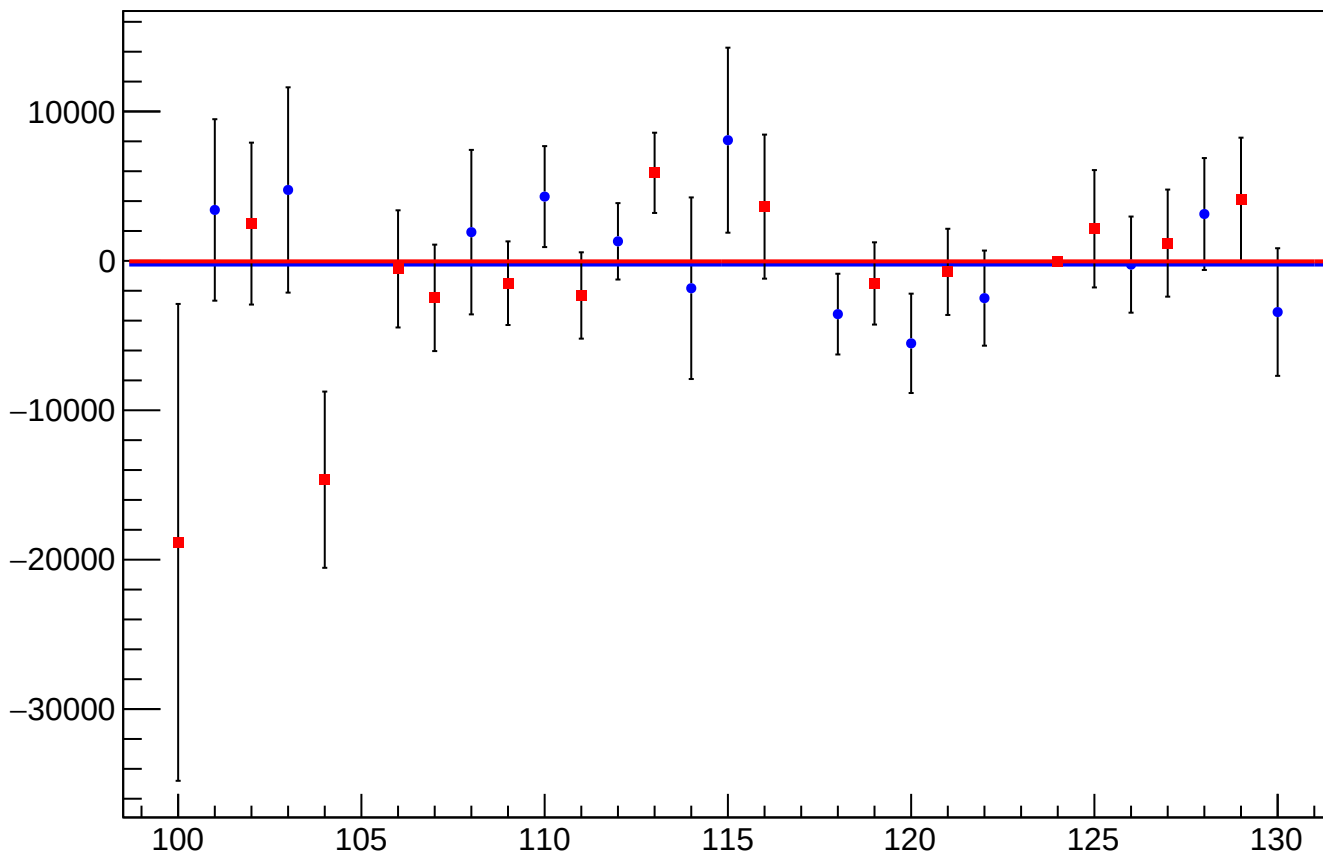
Right: 1676.264+/-0.356 χ^2/NDF : 506218.5/27

In: 1654.217+/-0.501 χ^2/NDF : 127382.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1676.264+/-0.356 χ^2/NDF : 506218.5/27

asym_atl_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -246.181+/-1040.418 χ^2/NDF : 11.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -33.184+/-318.307 χ^2/NDF : 16.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

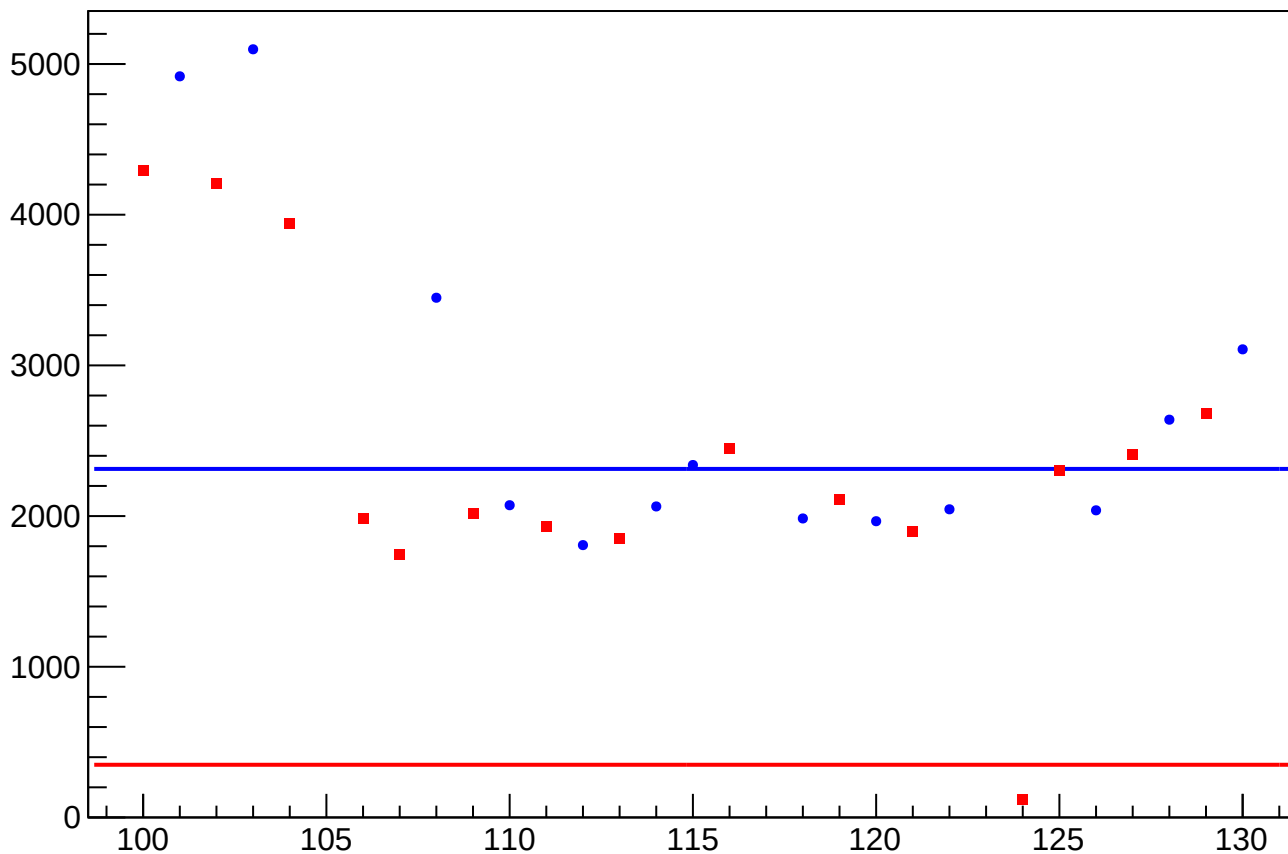
Right: -51.414+/-304.380 χ^2/NDF : 27.4/27

In: -246.181+/-1040.418 χ^2/NDF : 11.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -51.414+/-304.380 χ^2/NDF : 27.4/27

asym_atl_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2313.024+/-0.736 χ^2/NDF : 1037906.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 349.621+/-0.225 χ^2/NDF : 8960933.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

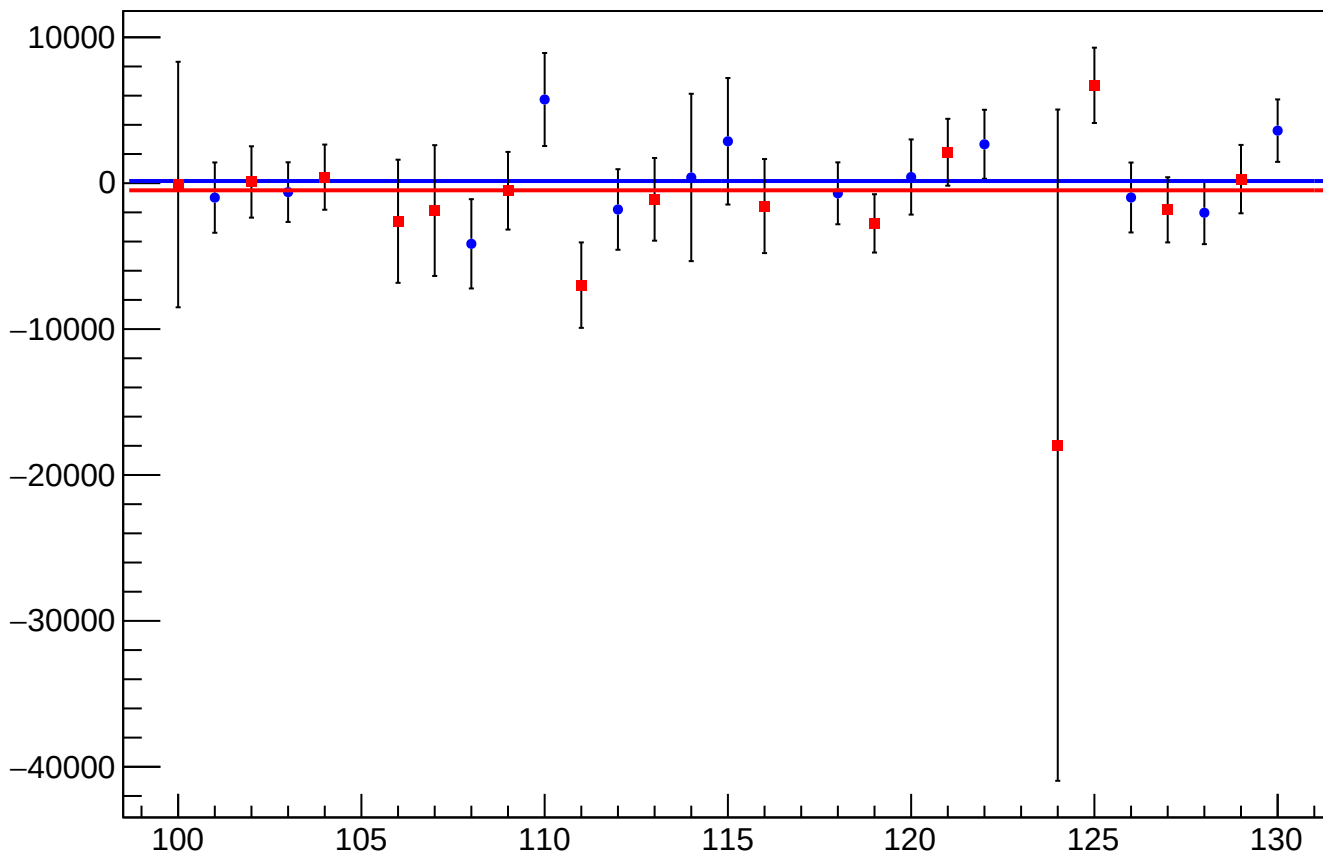
Right: 517.667+/-0.215 χ^2/NDF : 16511741.3/27

In: 2313.024+/-0.736 χ^2/NDF : 1037906.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 517.667+/-0.215 χ^2/NDF : 16511741.3/27

eigen_cor_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 148.778+/-708.619 χ^2/NDF : 11.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -488.111+/-717.675 χ^2/NDF : 17.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

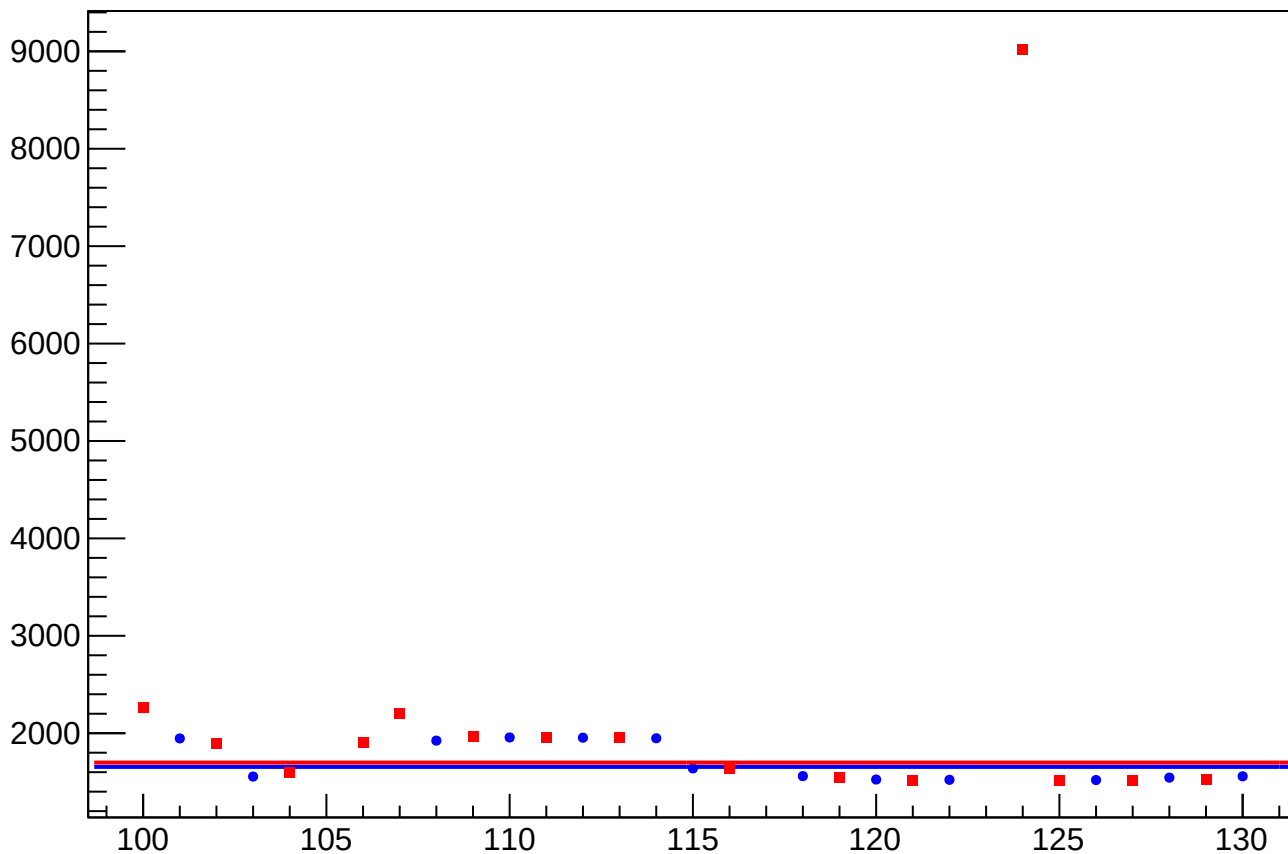
Right: -165.622+/-504.241 χ^2/NDF : 28.9/27

In: 148.778+/-708.619 χ^2/NDF : 11.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -165.622+/-504.241 χ^2/NDF : 28.9/27

eigen_cor_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1654.217+/-0.501 χ^2/NDF : 127382.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1698.639+/-0.505 χ^2/NDF : 374935.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

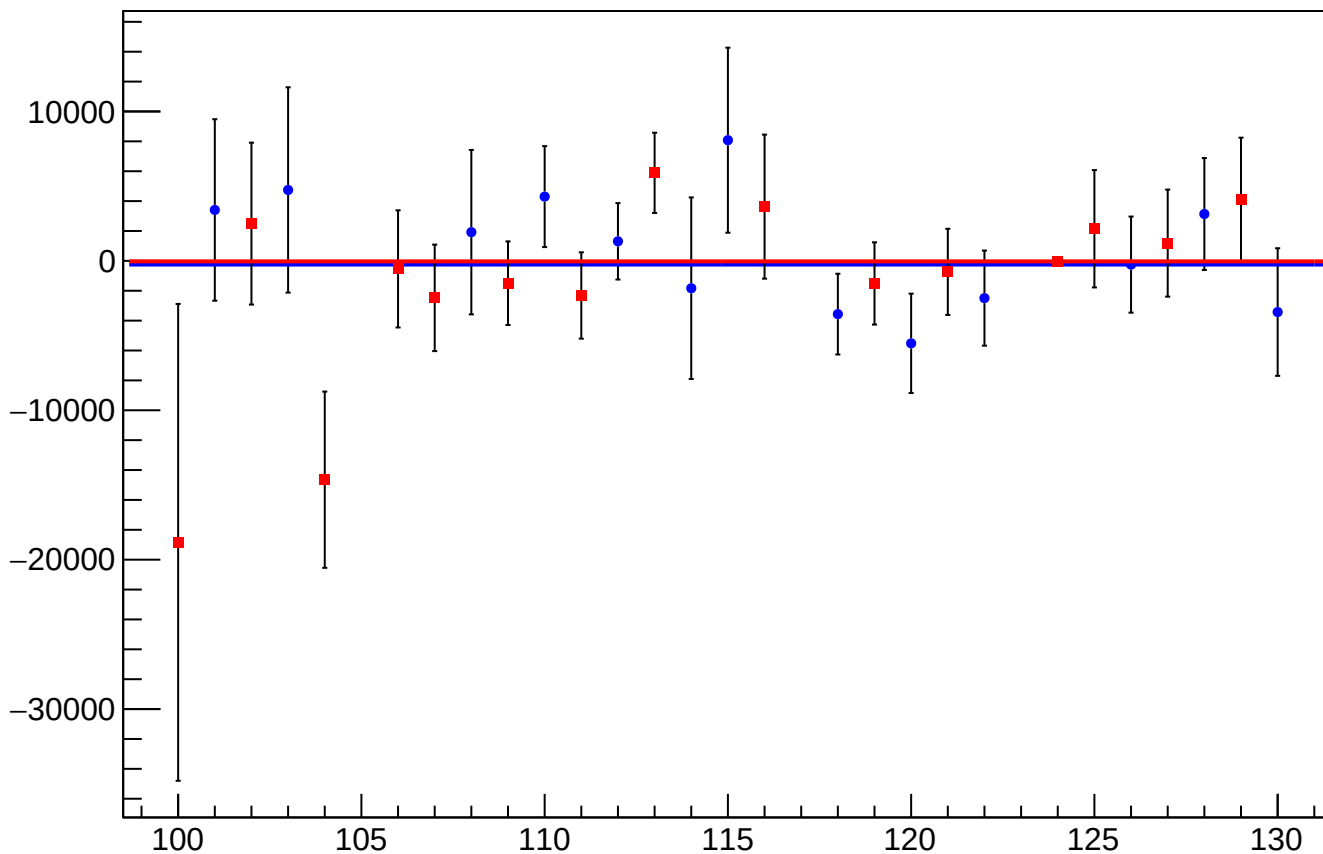
Right: 1676.264+/-0.356 χ^2/NDF : 506218.5/27

In: 1654.217+/-0.501 χ^2/NDF : 127382.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1676.264+/-0.356 χ^2/NDF : 506218.5/27

asym_atl_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -246.181+/-1040.418 χ^2/NDF : 11.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -33.184+/-318.307 χ^2/NDF : 16.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

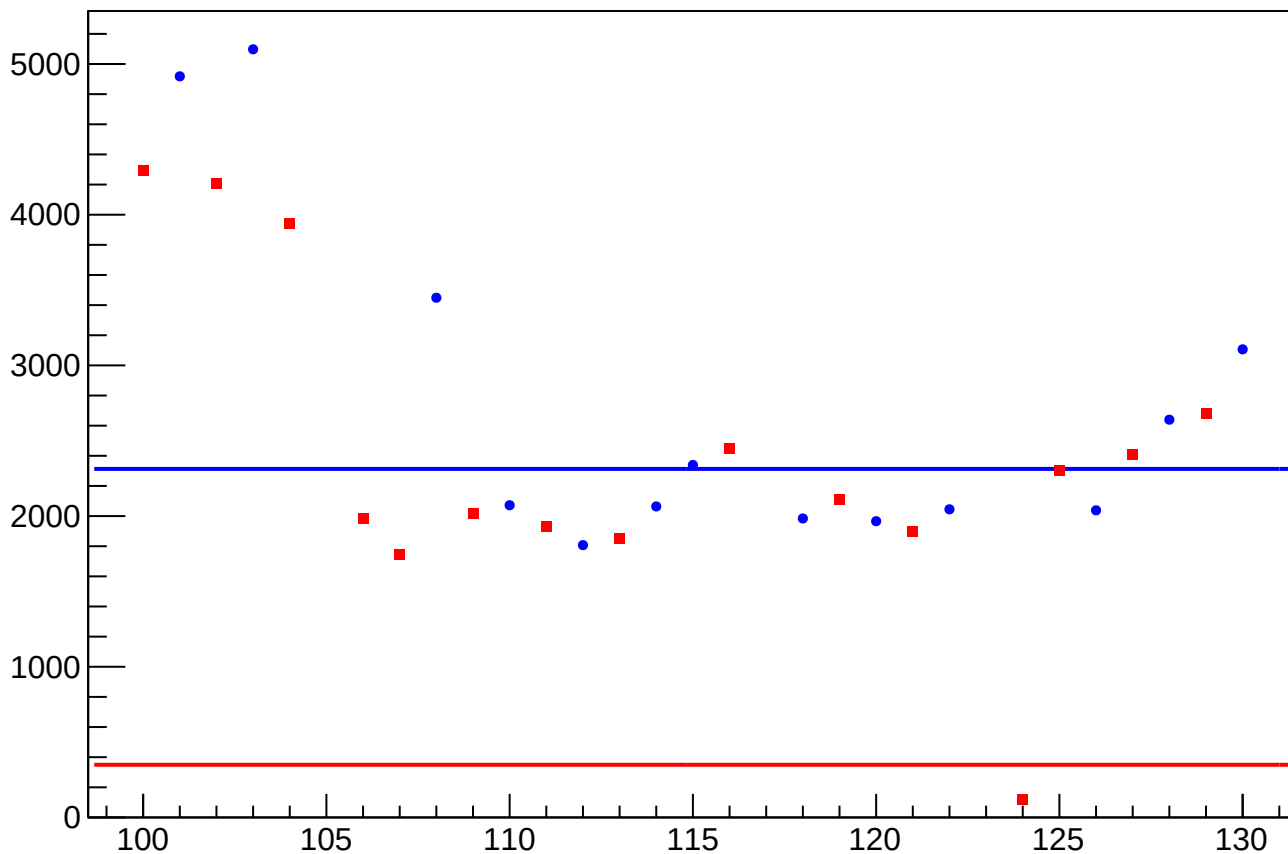
Right: -51.414+/-304.380 χ^2/NDF : 27.4/27

In: -246.181+/-1040.418 χ^2/NDF : 11.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -51.414+/-304.380 χ^2/NDF : 27.4/27

asym_atl_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2313.024+/-0.736 χ^2/NDF : 1037906.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 349.621+/-0.225 χ^2/NDF : 8960933.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

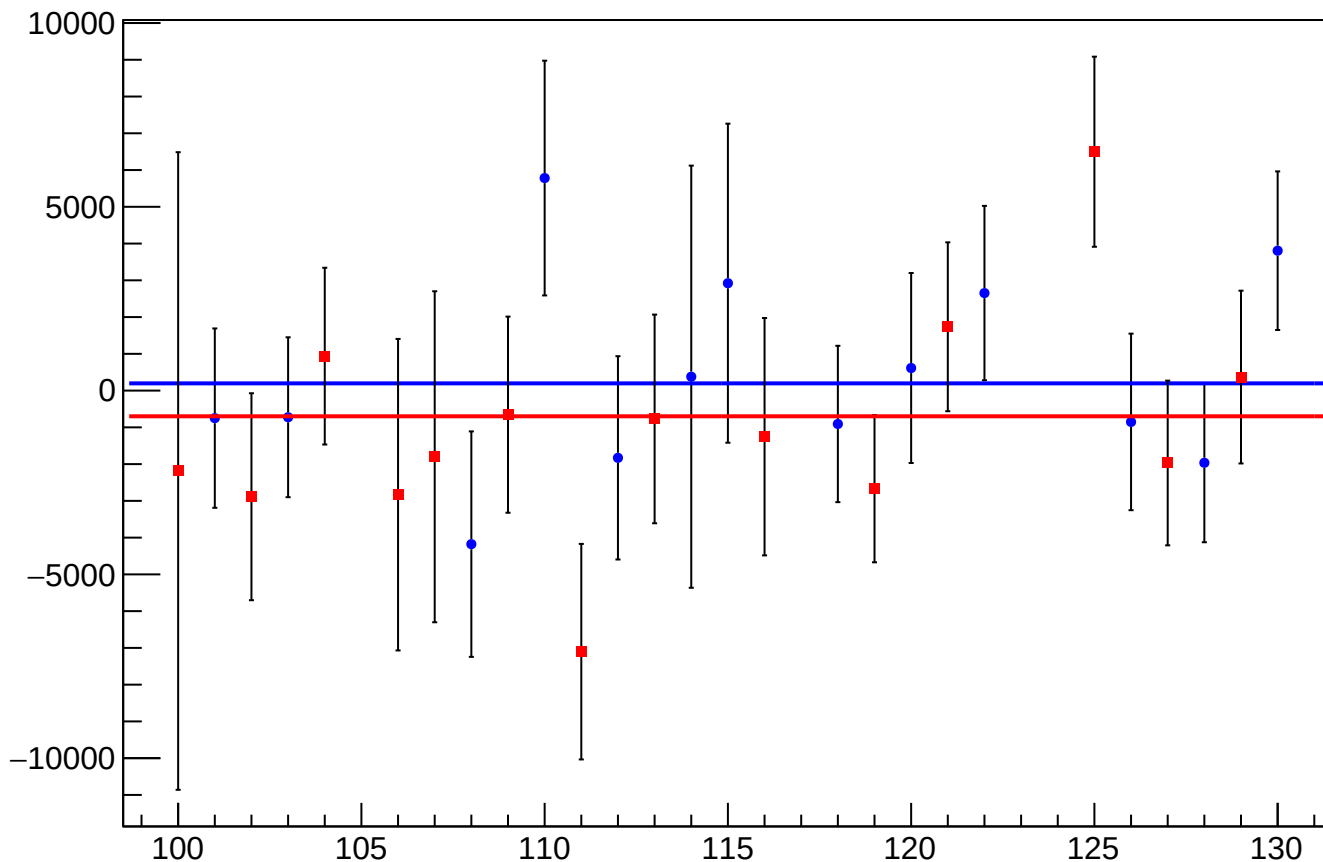
Right: 517.667+/-0.215 χ^2/NDF : 16511741.3/27

In: 2313.024+/-0.736 χ^2/NDF :1037906.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 517.667+/-0.215 χ^2/NDF : 16511741.3/27

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 196.629+/-716.336 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -699.033+/-732.650 χ^2/NDF : 16.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

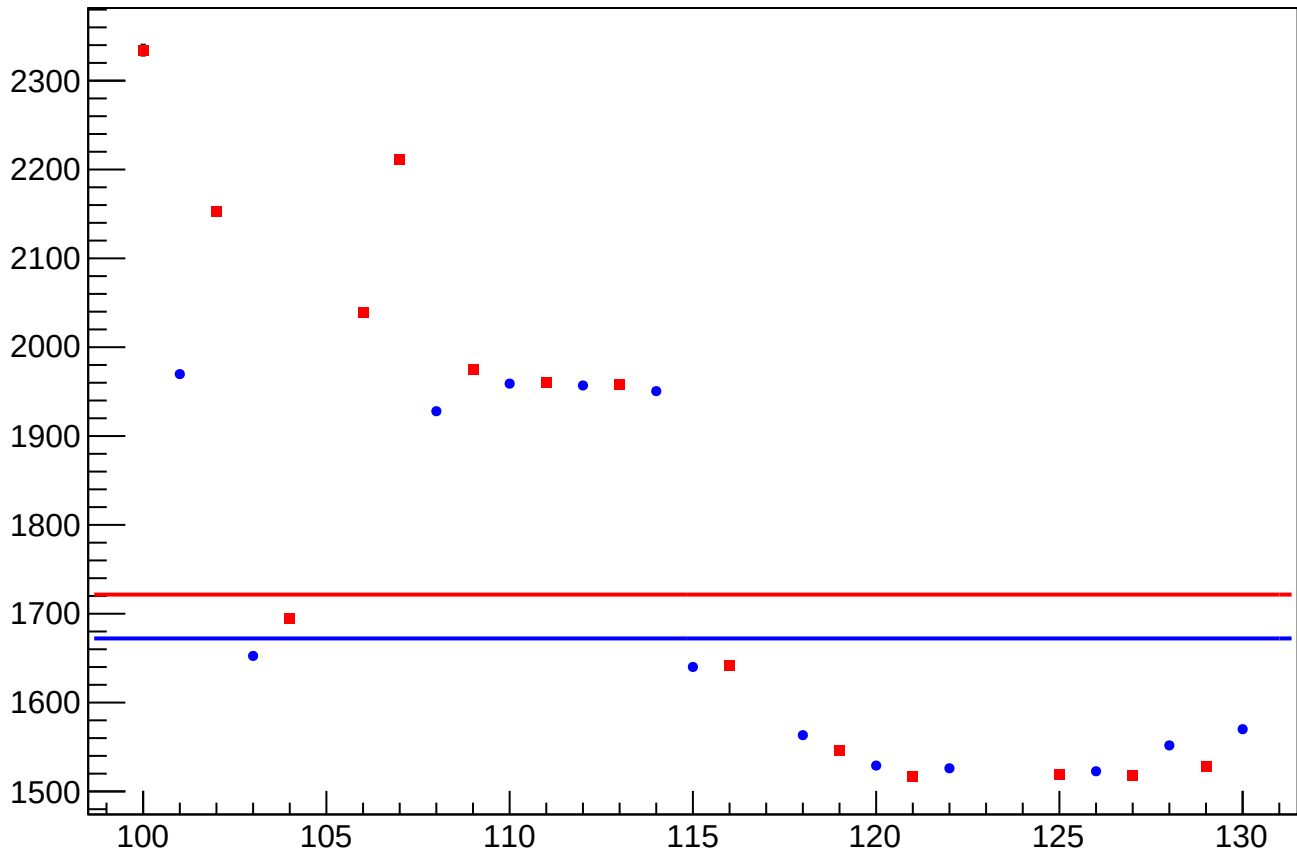
Right: -241.119+/-512.196 χ^2/NDF : 29.1/26

In: 196.629+/-716.336 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -241.119+/-512.196 χ^2/NDF : 29.1/26

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1672.192+/-0.507 χ^2/NDF : 123369.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1721.555+/-0.517 χ^2/NDF : 214120.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

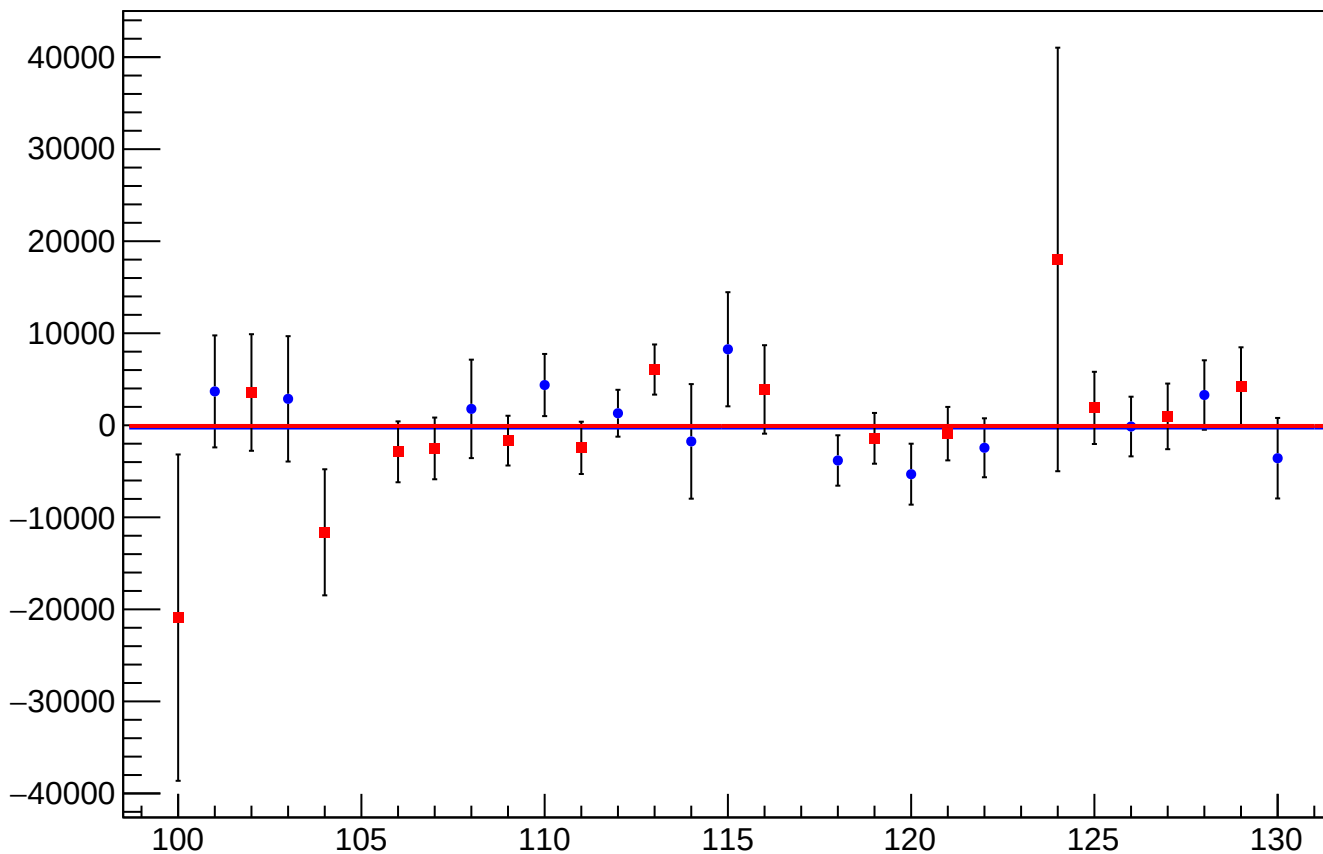
Right: 1696.391+/-0.362 χ^2/NDF : 342145.8/26

In: 1672.192+/-0.507 χ^2/NDF : 123369.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1696.391+/-0.362 χ^2/NDF : 342145.8/26

asym_atl_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -242.758+/-1044.280 χ^2/NDF : 10.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -73.695+/-944.839 χ^2/NDF : 14.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

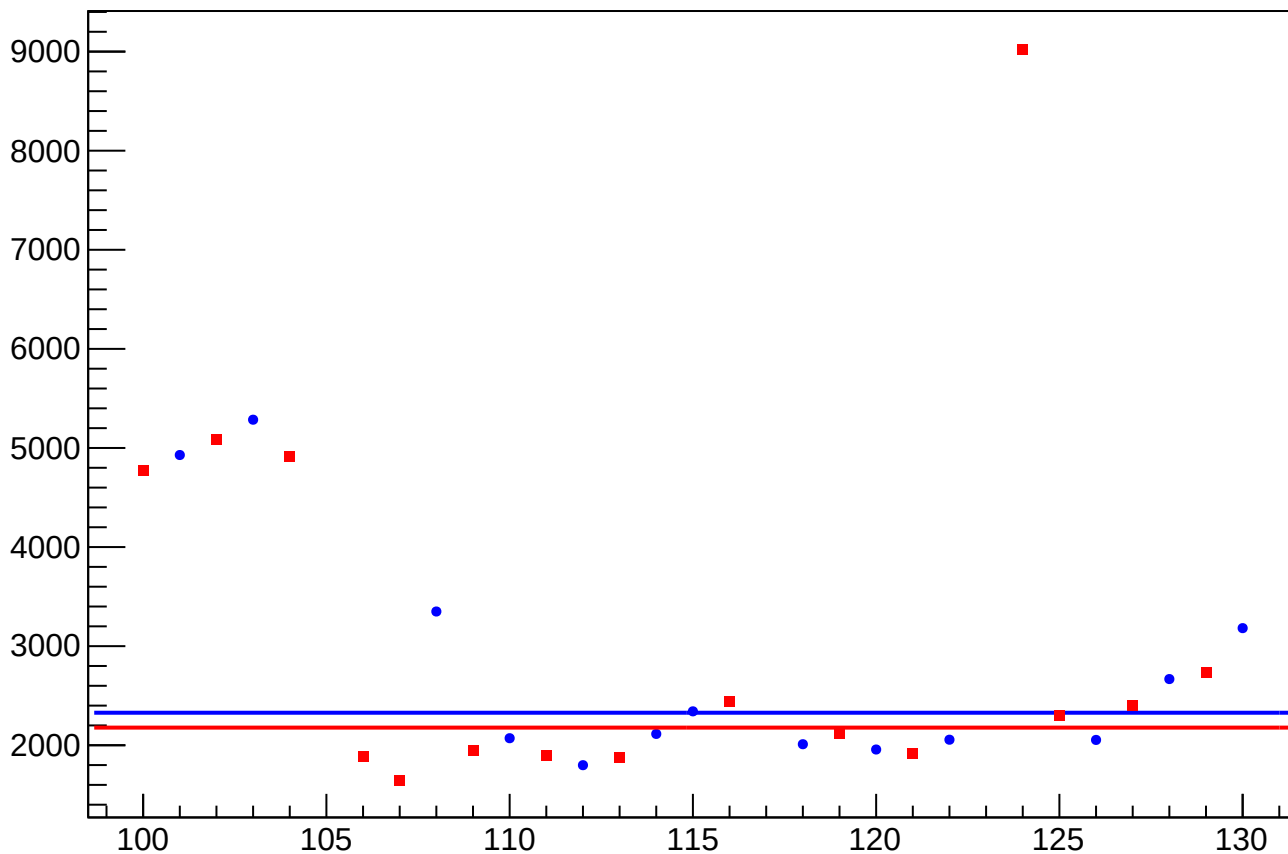
Right: -149.796+/-700.627 χ^2/NDF : 25.9/27

In: -242.758+/-1044.280 χ^2/NDF :10.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -149.796+/-700.627 χ^2/NDF : 25.9/27

asym_atl_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2328.156+/-0.738 χ^2/NDF : 1089002.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2178.016+/-0.668 χ^2/NDF : 1154229.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

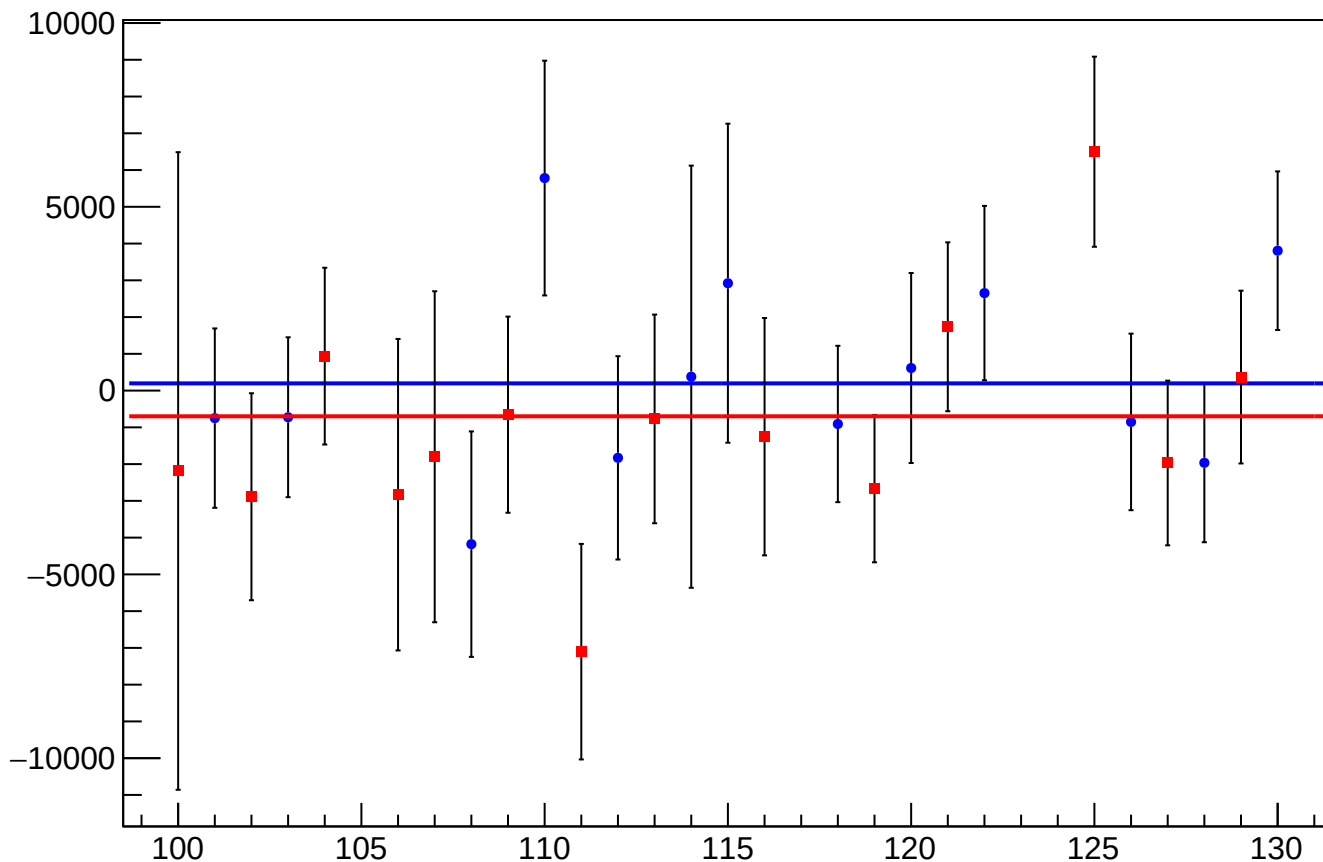
Right: 2245.599+/-0.495 χ^2/NDF : 2265964.6/27

In: 2328.156+/-0.738 χ^2/NDF : 1089002.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2245.599+/-0.495 χ^2/NDF : 2265964.6/27

eigen_dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 196.624+/-716.336 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -699.039+/-732.650 χ^2/NDF : 16.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

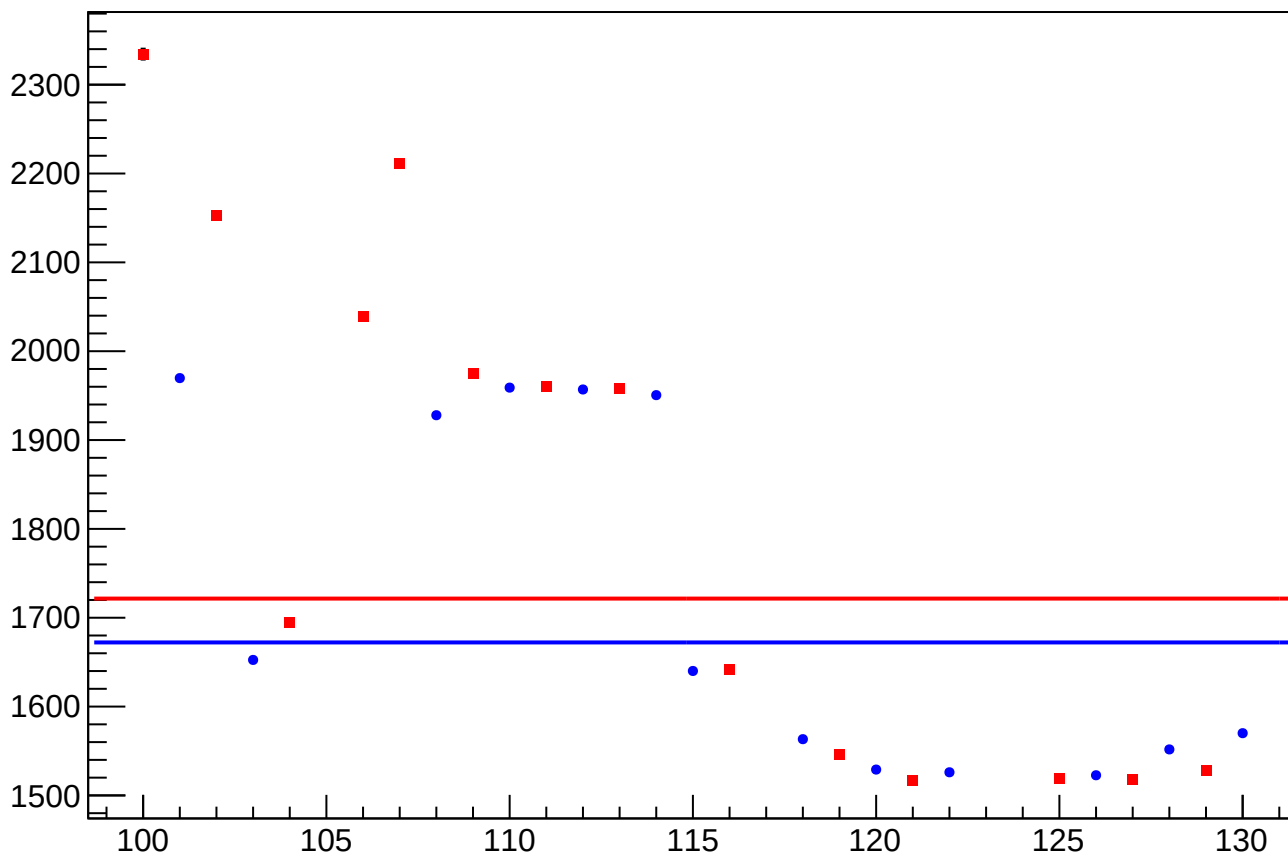
Right: -241.125+/-512.196 χ^2/NDF : 29.1/26

In: 196.624+/-716.336 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -241.125+/-512.196 χ^2/NDF : 29.1/26

eigen_dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1672.191+/-0.507 χ^2/NDF : 123369.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1721.554+/-0.517 χ^2/NDF : 214119.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

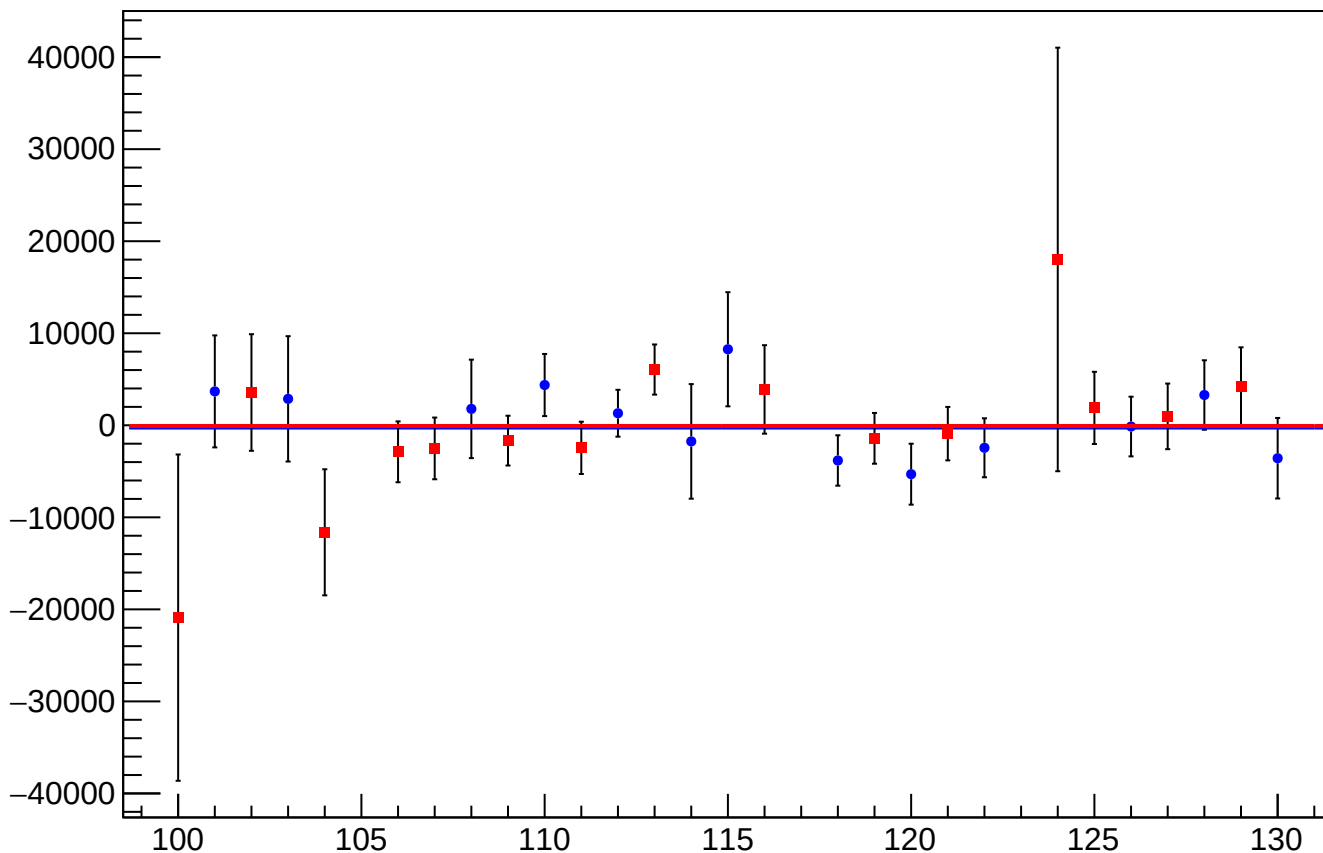
Right: 1696.391+/-0.362 χ^2/NDF : 342145.1/26

In: 1672.191+/-0.507 χ^2/NDF : 123369.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1696.391+/-0.362 χ^2/NDF : 342145.1/26

asym_atl_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -242.761+/-1044.275 χ^2/NDF : 10.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -73.698+/-944.835 χ^2/NDF : 14.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

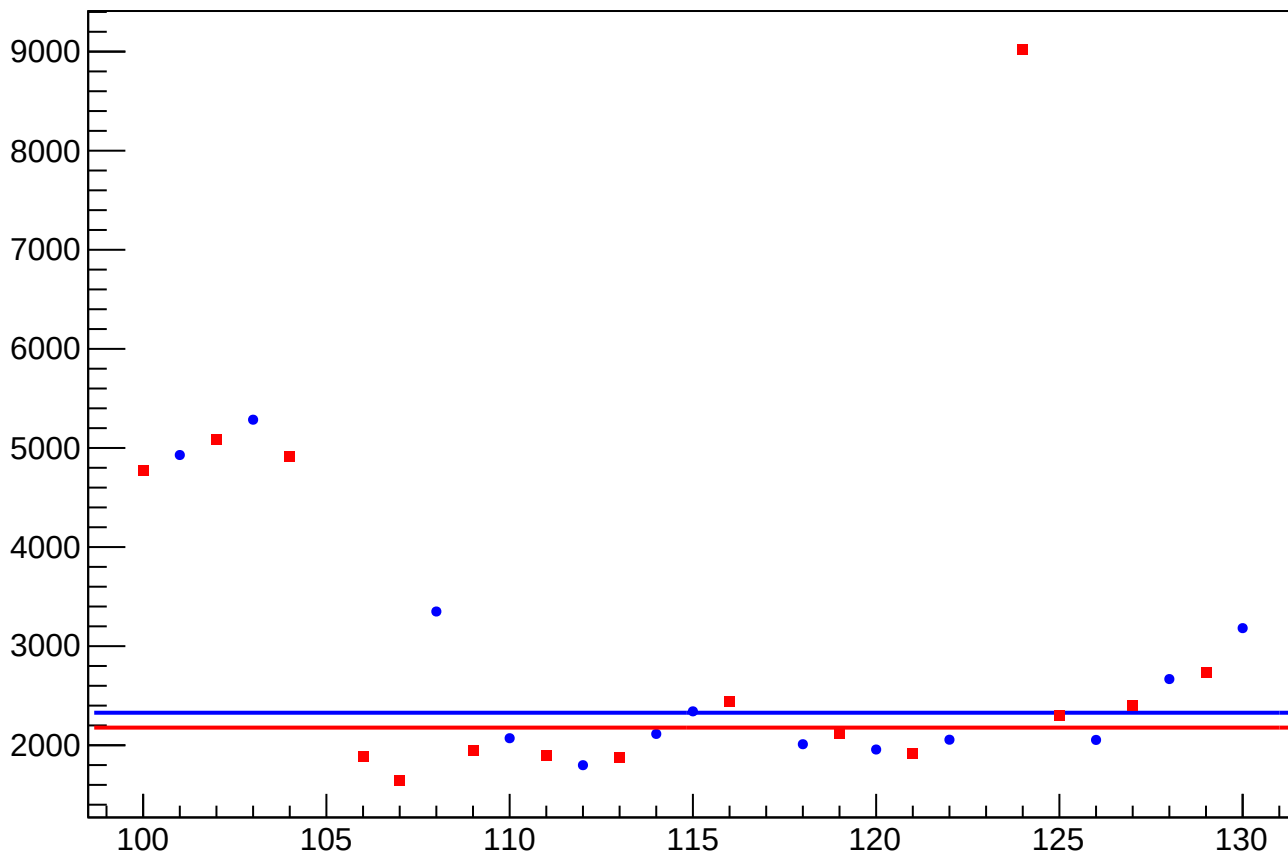
Right: -149.799+/-700.624 χ^2/NDF : 25.9/27

In: -242.761+/-1044.275 χ^2/NDF :10.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -149.799+/-700.624 χ^2/NDF : 25.9/27

asym_atl_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2328.145+/-0.738 χ^2/NDF : 1089009.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2178.008+/-0.668 χ^2/NDF : 1154234.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

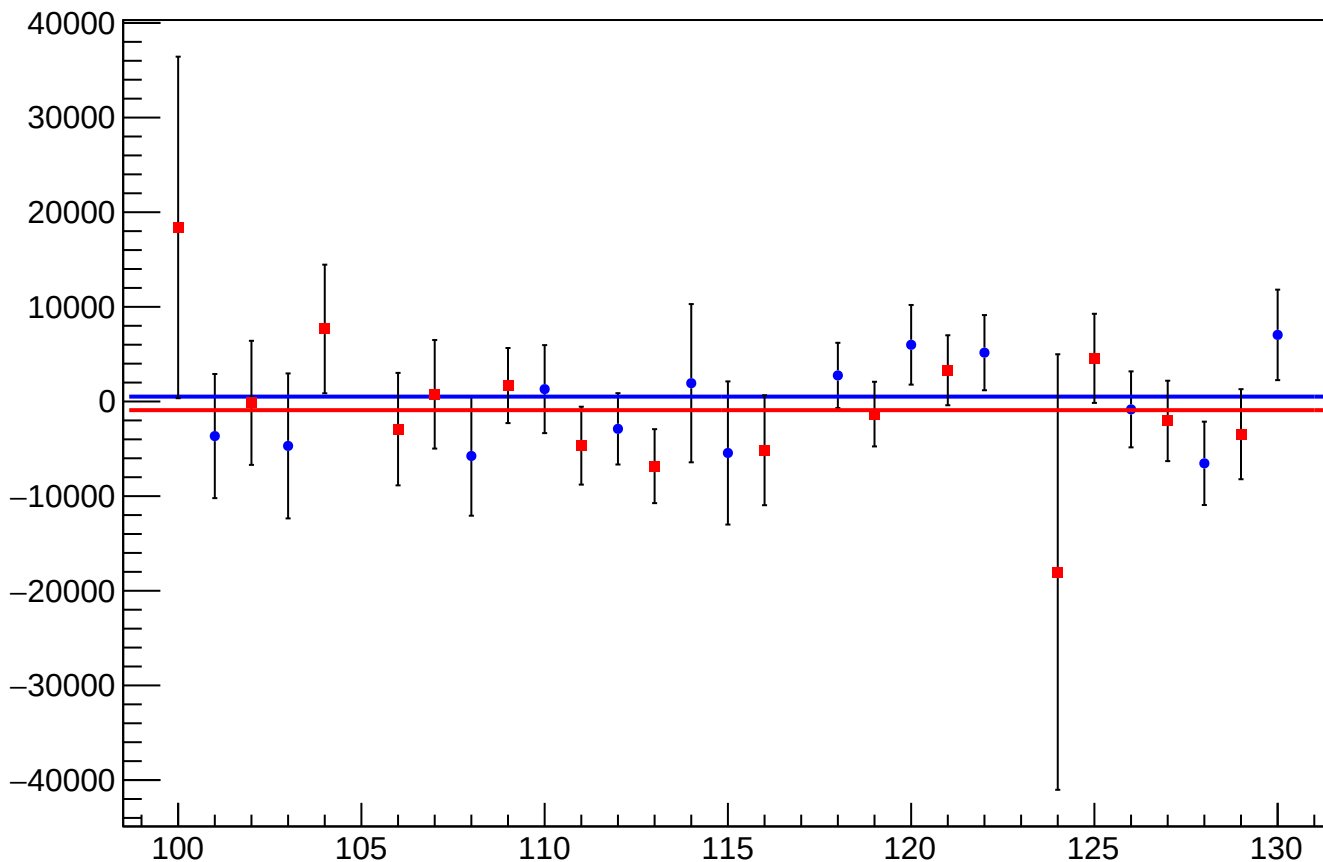
Right: 2245.589+/-0.495 χ^2/NDF : 2265975.4/27

In: 2328.145+/-0.738 χ^2/NDF : 1089009.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2245.589+/-0.495 χ^2/NDF : 2265975.4/27

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 516.476+/-1318.401 χ^2/NDF : 11.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -915.089+/-1259.919 χ^2/NDF : 10.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

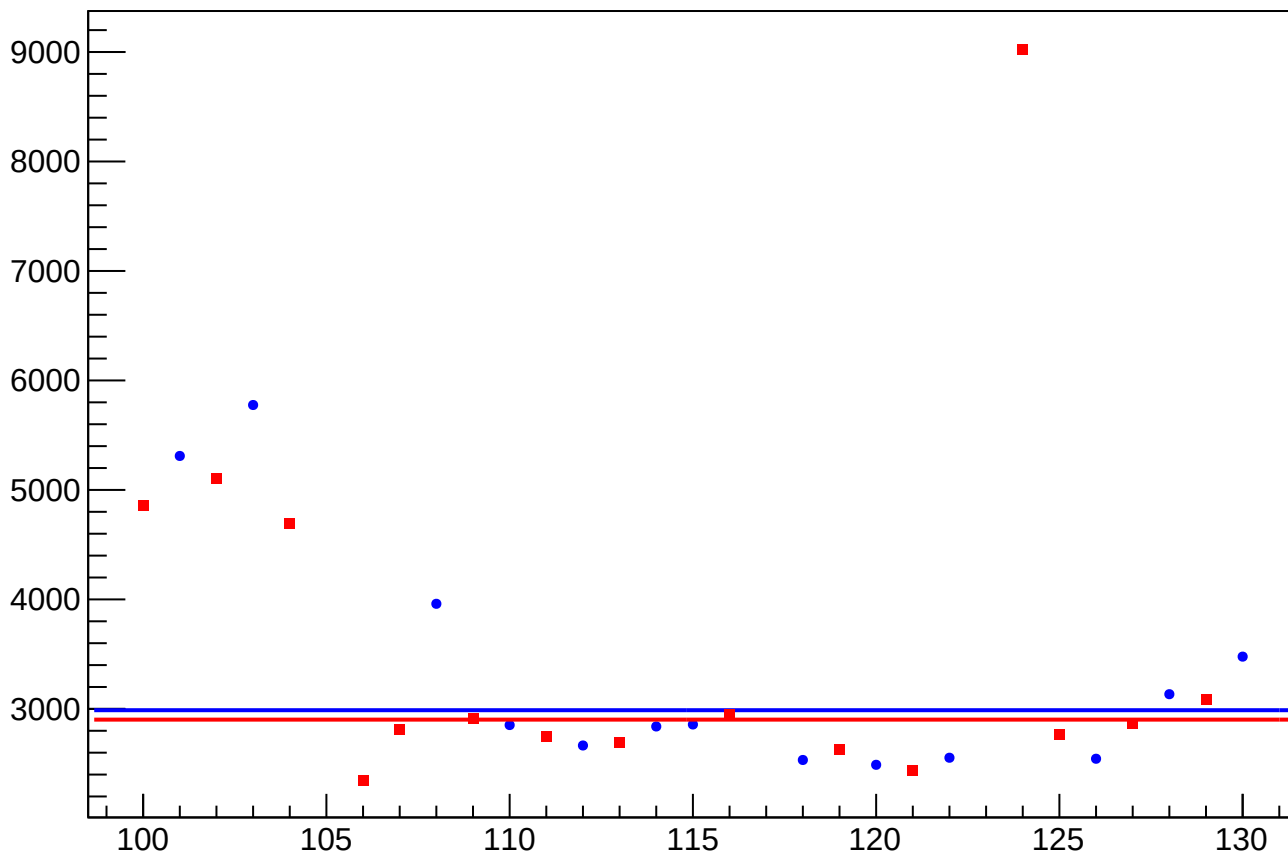
Right: -231.761+/-910.871 χ^2/NDF : 22.6/27

In: 516.476+/-1318.401 χ^2/NDF :11.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -231.761+/-910.871 χ^2/NDF : 22.6/27

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 2987.980+/-0.932 χ^2/NDF : 715057.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2901.860+/-0.877 χ^2/NDF : 618900.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

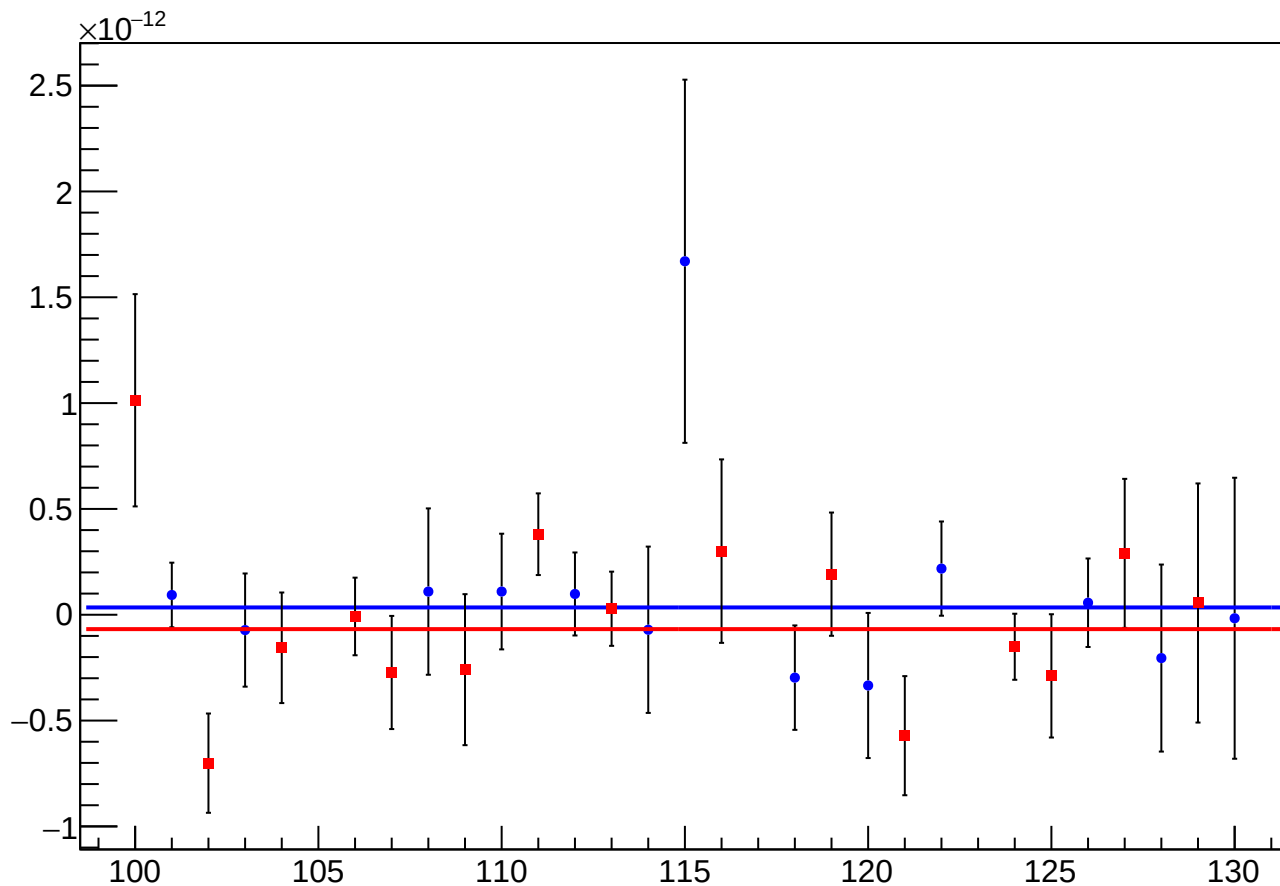
Right: 2942.273+/-0.639 χ^2/NDF : 1338487.1/27

In: 2987.980+/-0.932 χ^2/NDF : 715057.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2942.273+/-0.639 χ^2/NDF : 1338487.1/27

asym_atl_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 25.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

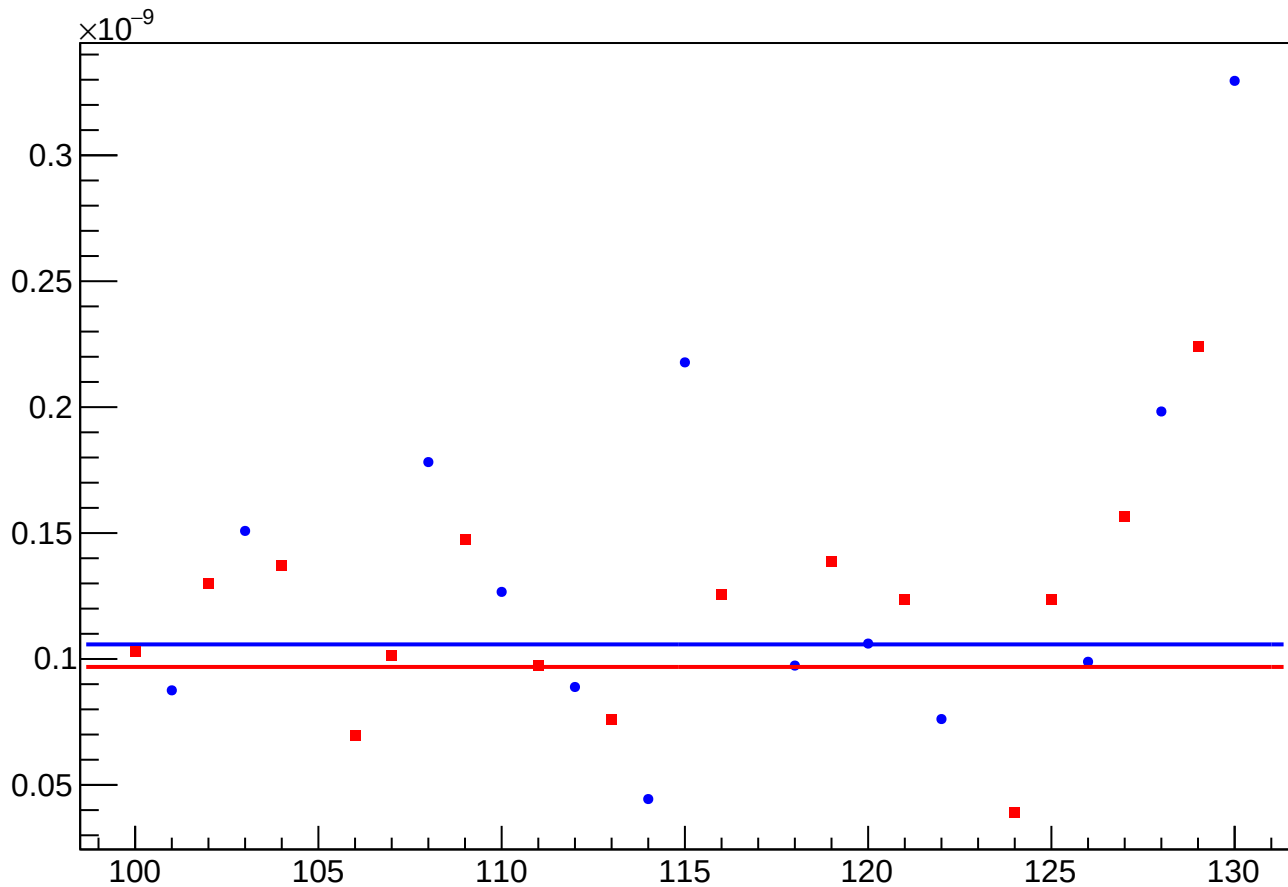
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 34.7/27

In: 0.000 $\pm$ 0.000 χ^2 /NDF:8.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 34.7/27

asym_atl_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 617504.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 720414.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

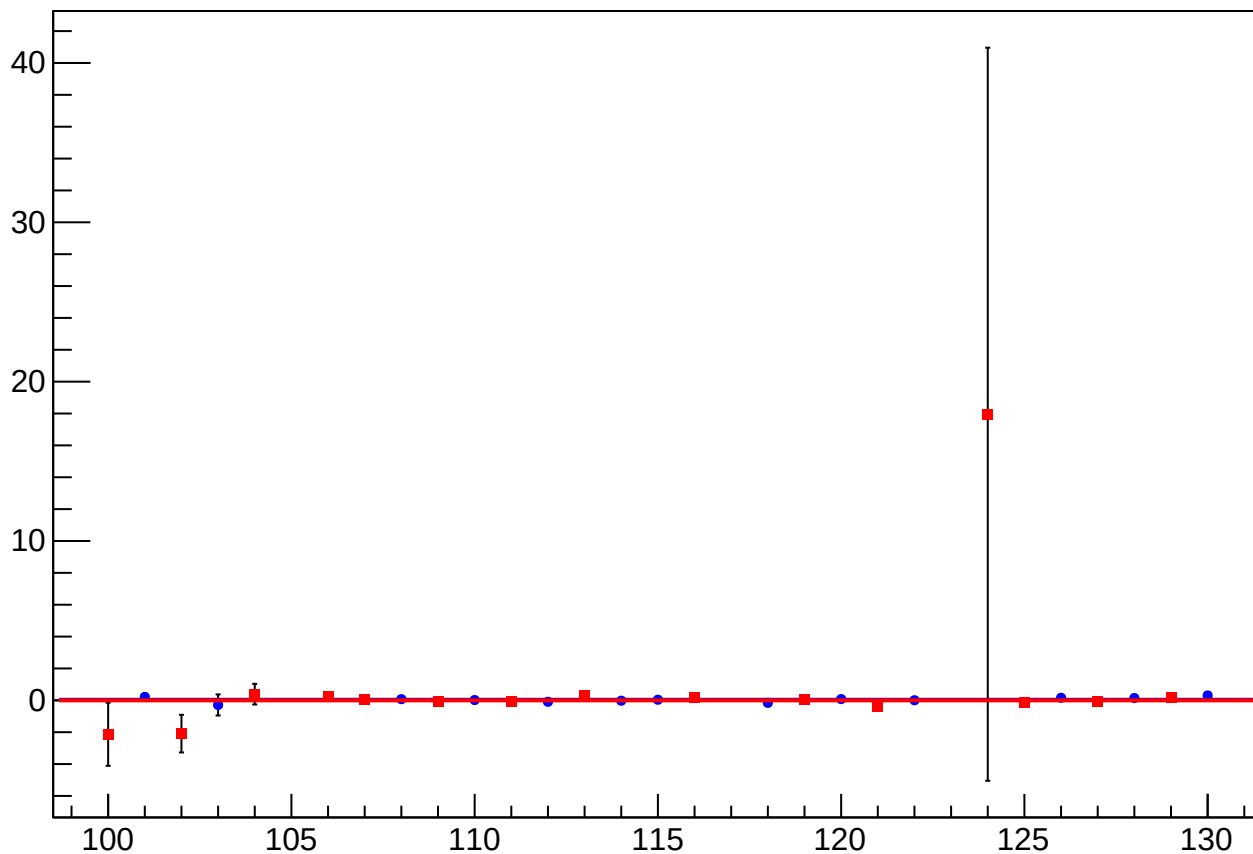
Right: 0.000+/-0.000 χ^2/NDF : 1354764.4/27

In: 0.000+/-0.000 χ^2/NDF : 617504.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1354764.4/27

asym_atl_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.034+/-0.048 χ^2/NDF : 6.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.003+/-0.045 χ^2/NDF : 20.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

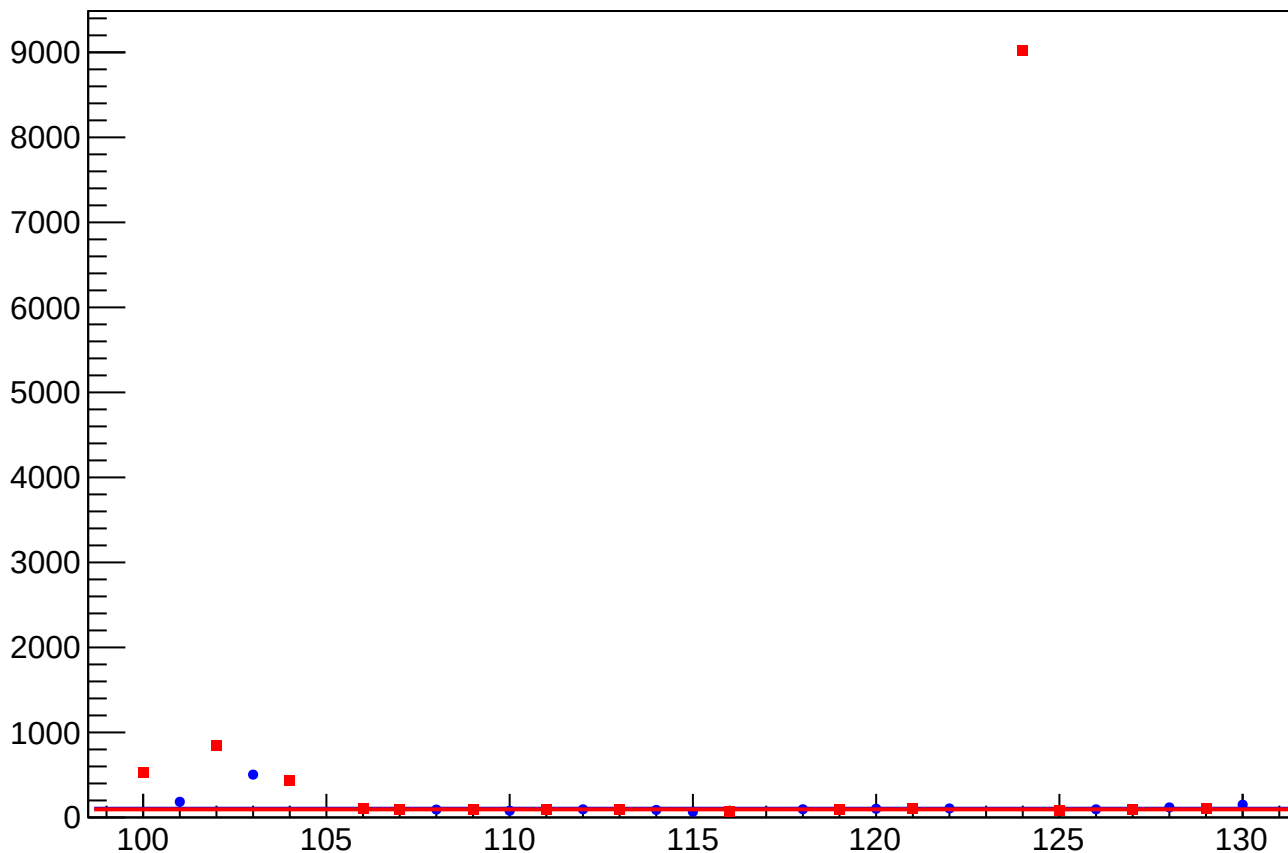
Right: 0.015+/-0.033 χ^2/NDF : 27.3/27

In: 0.034+/-0.048 χ^2/NDF : 6.6/12

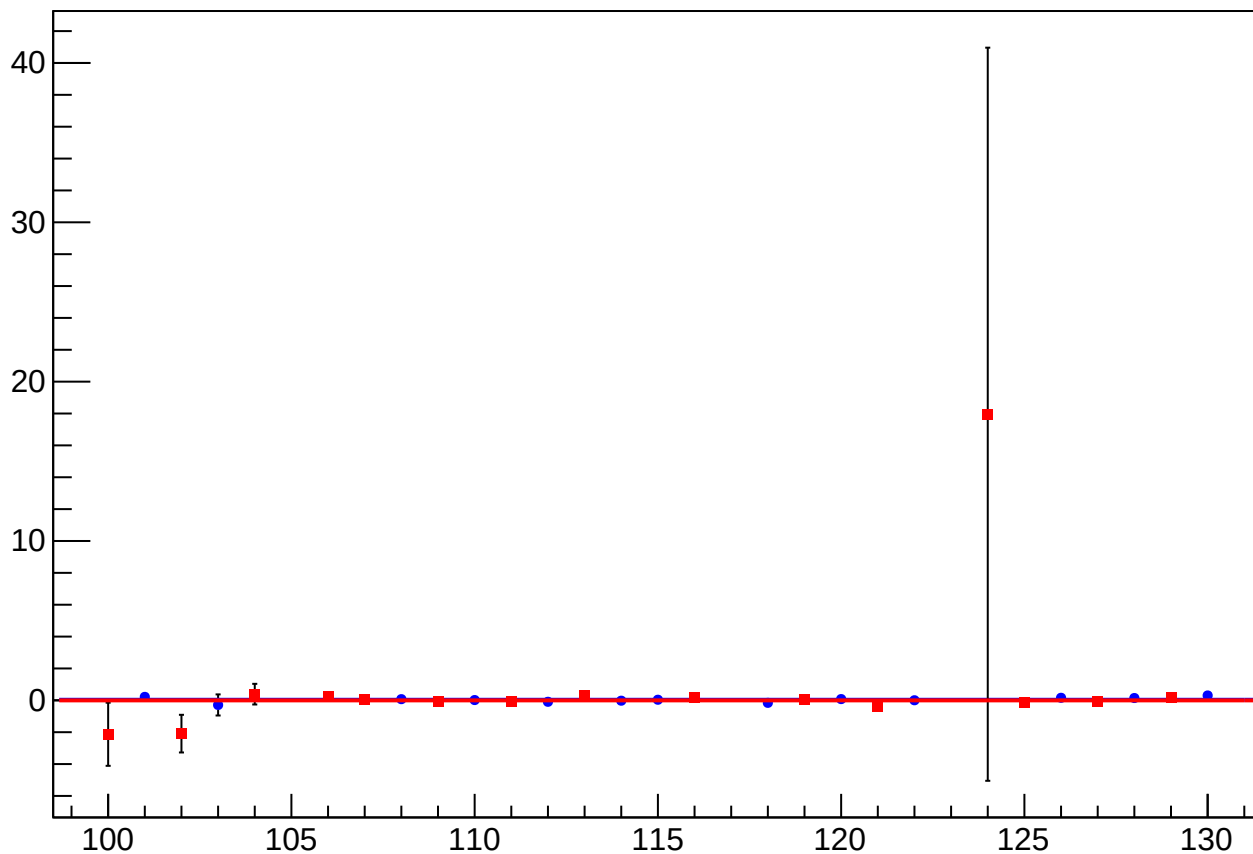
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.033 χ^2/NDF : 27.3/27

asym_atl_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



asym_atl_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.034+/-0.048 χ^2/NDF : 6.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.003+/-0.045 χ^2/NDF : 20.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

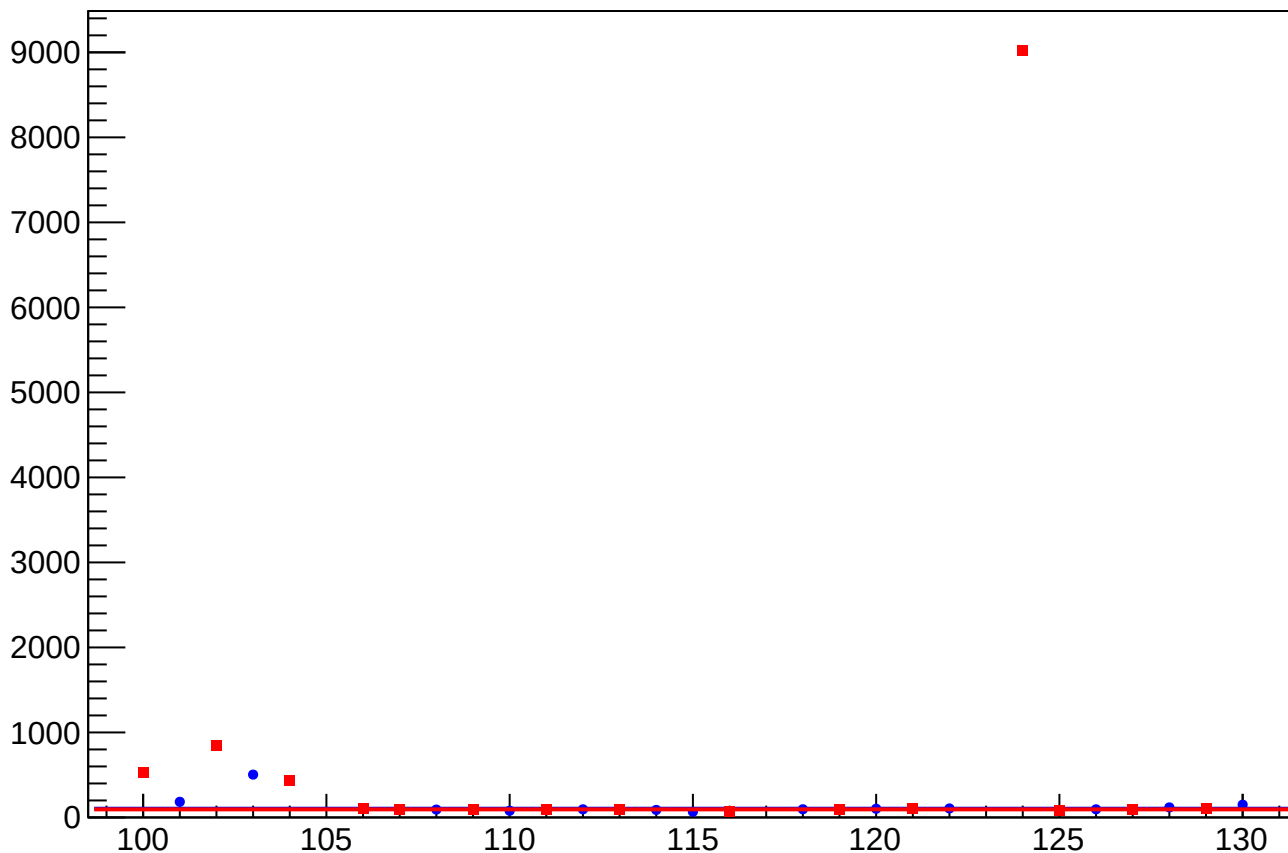
Right: 0.015+/-0.033 χ^2/NDF : 27.3/27

In: 0.034+/-0.048 χ^2/NDF : 6.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.033 χ^2/NDF : 27.3/27

asym_atl_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 102.600+/-0.034 χ^2/NDF : 1253244.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.172+/-0.032 χ^2/NDF : 1823182.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

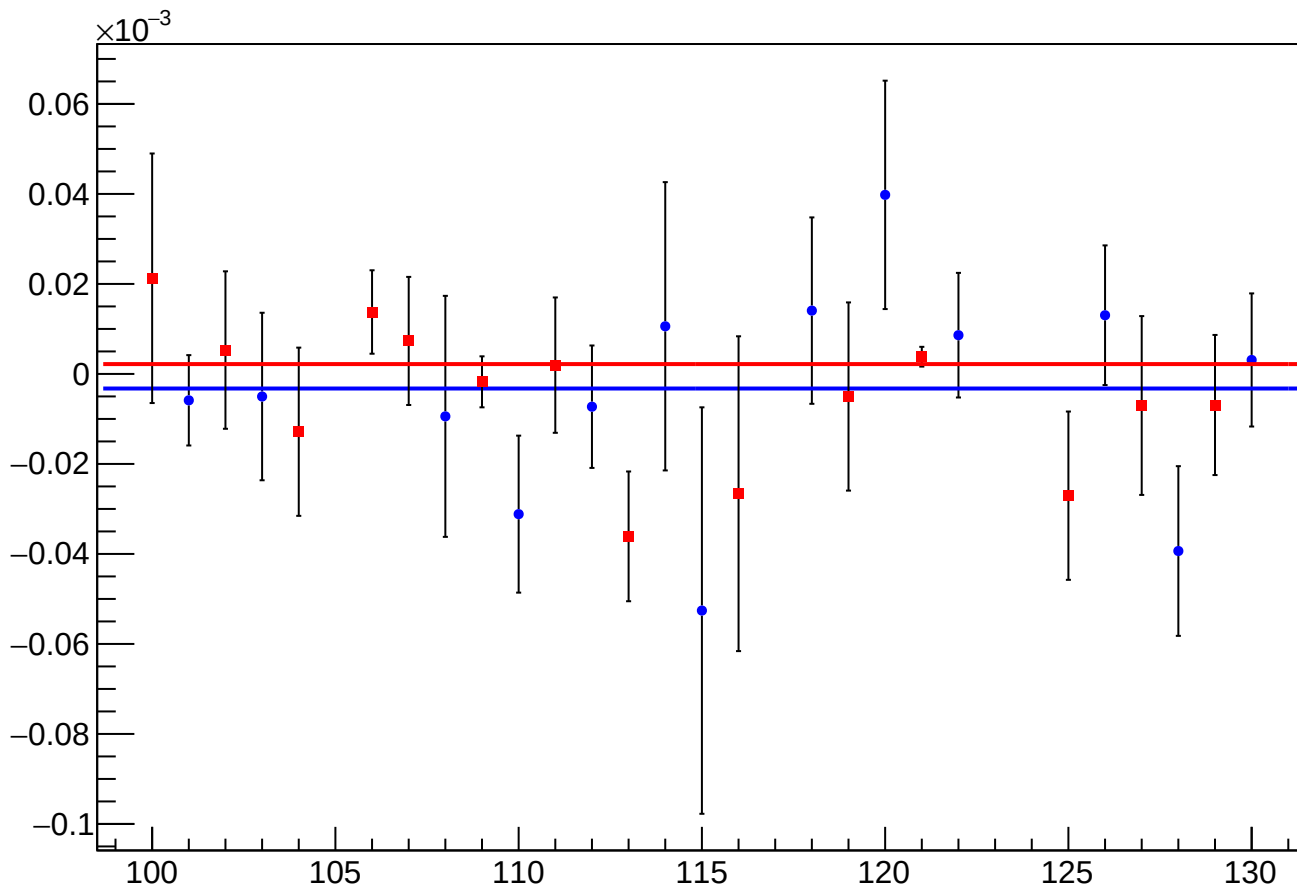
Right: 98.669+/-0.023 χ^2/NDF : 3101802.4/27

In: 102.600+/-0.034 χ^2/NDF : 1253244.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.669+/-0.023 χ^2/NDF : 3101802.4/27

asym_atl_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

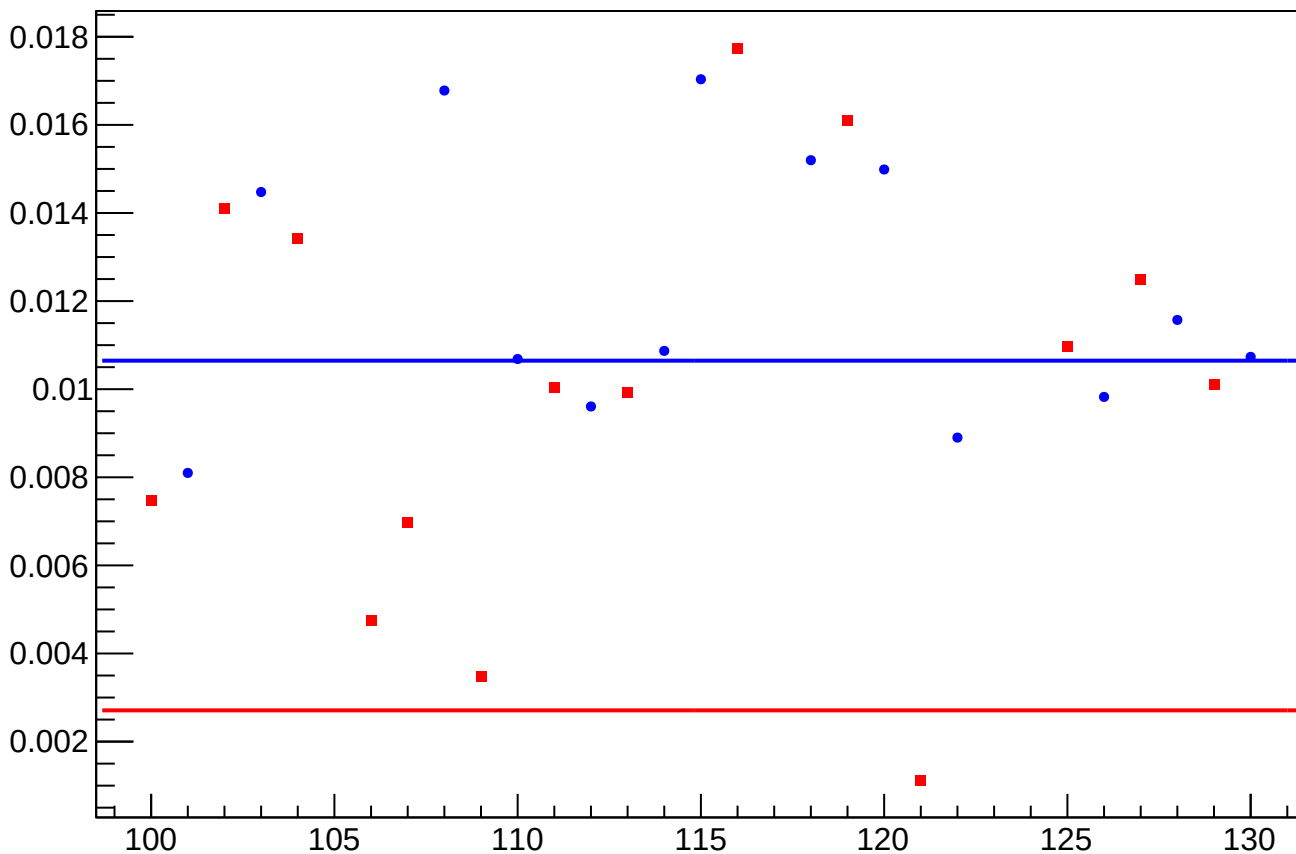
Right: 0.000+/-0.000 χ^2/NDF : 29.3/26

In: -0.000+/-0.000 χ^2/NDF : 13.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.3/26

asym_atl_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 567450.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 6427243.1/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

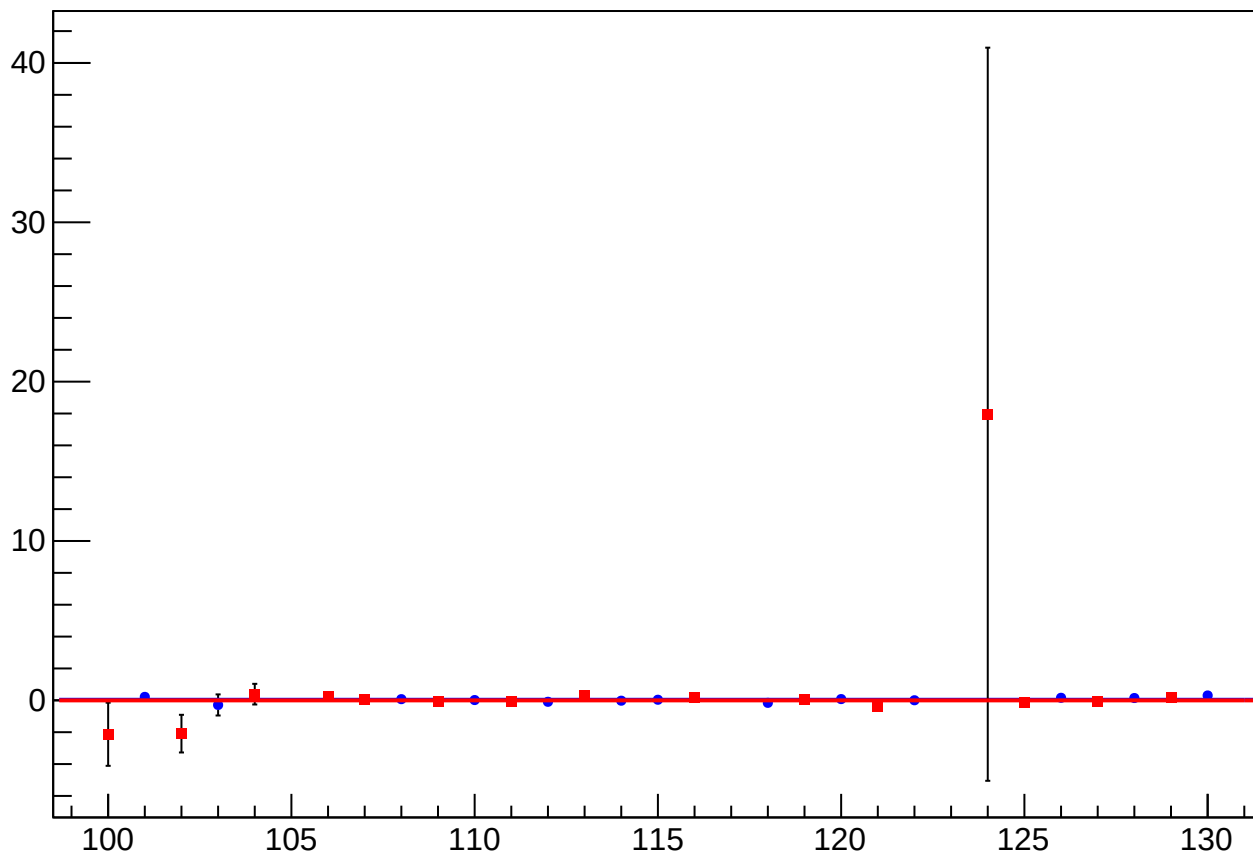
Right: 0.004+/-0.000 χ^2/NDF : 11890943.7/26

In: 0.011+/-0.000 χ^2/NDF :567450.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 11890943.7/26

asym_atl_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.034+/-0.048 χ^2/NDF : 6.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.003+/-0.045 χ^2/NDF : 20.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

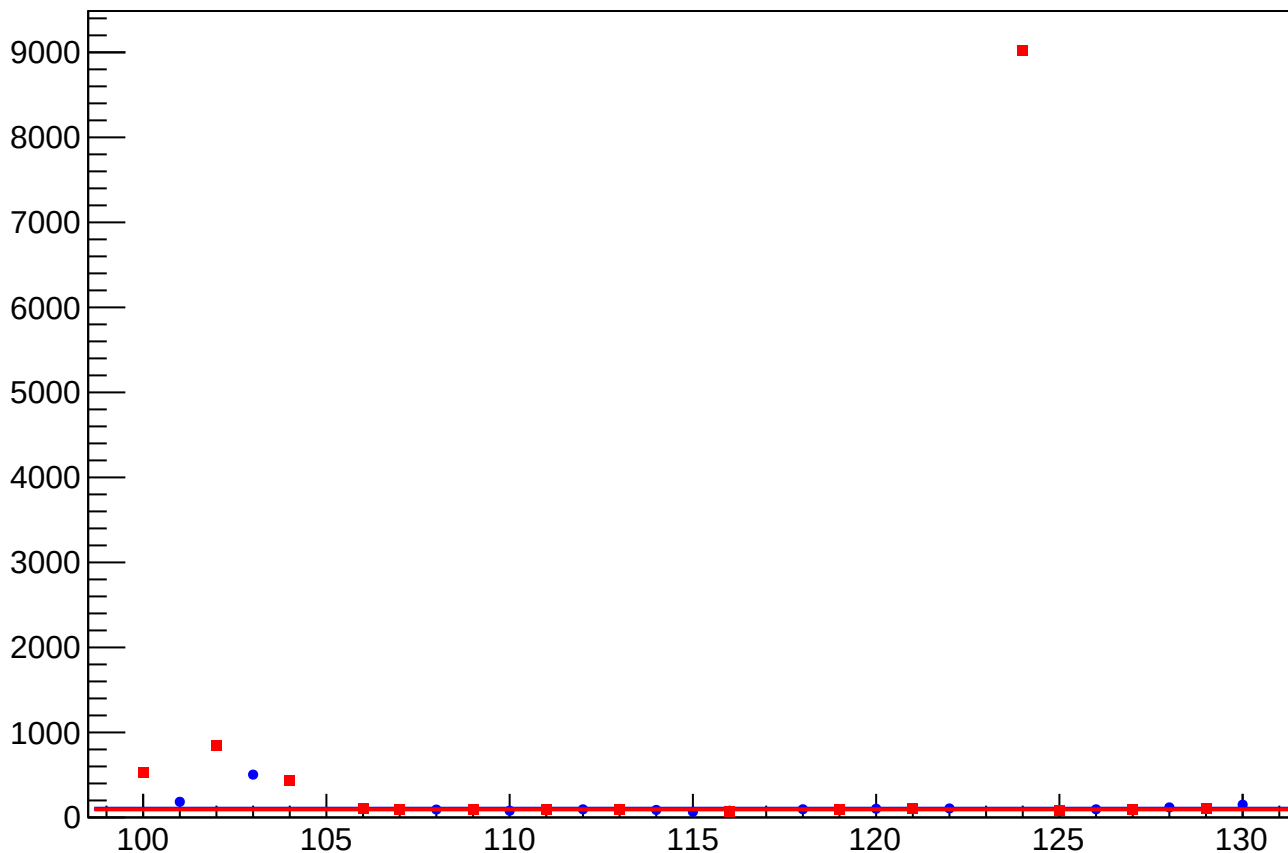
Right: 0.015+/-0.033 χ^2/NDF : 27.3/27

In: 0.034+/-0.048 χ^2/NDF : 6.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.033 χ^2/NDF : 27.3/27

asym_atl_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 102.601+/-0.034 χ^2/NDF : 1253175.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.174+/-0.032 χ^2/NDF : 1823124.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

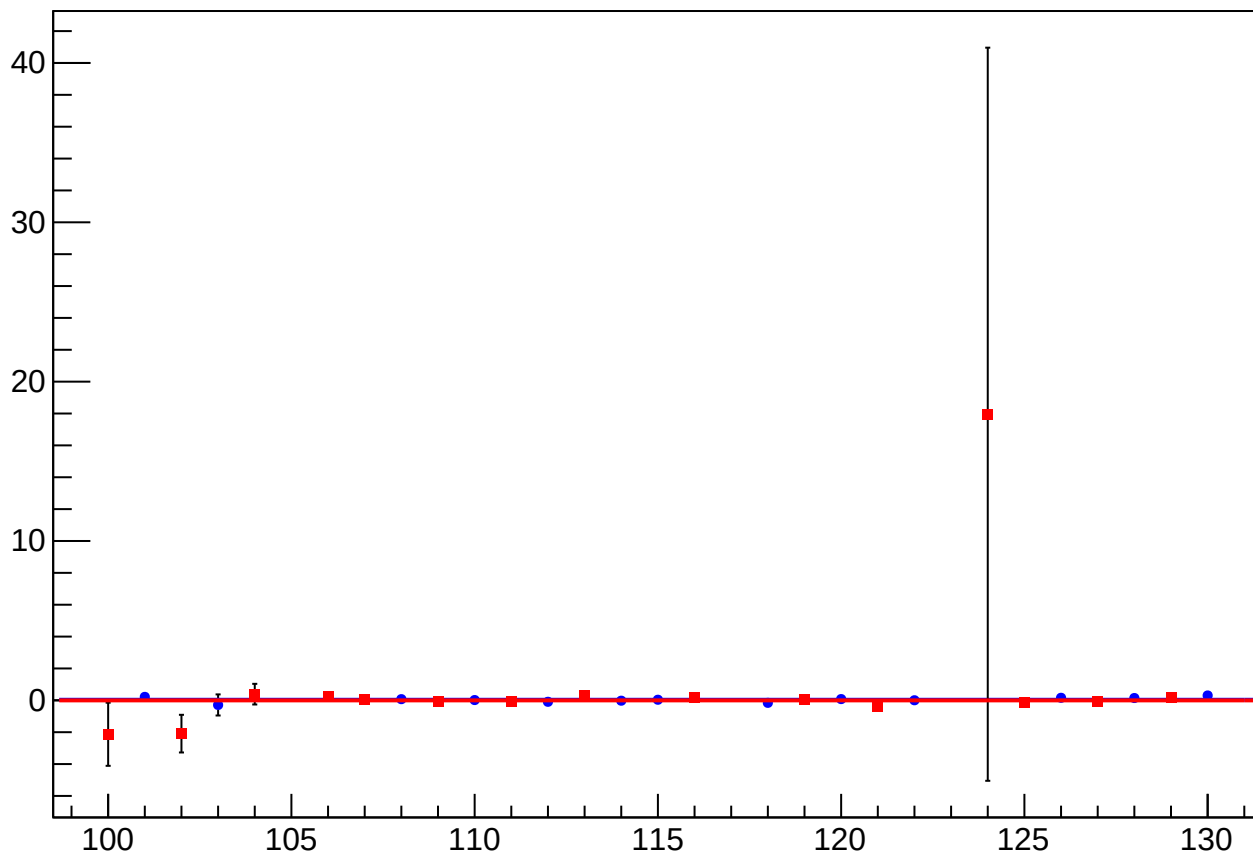
Right: 98.670+/-0.023 χ^2/NDF : 3101671.4/27

In: 102.601+/-0.034 χ^2/NDF : 1253175.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.670+/-0.023 χ^2/NDF : 3101671.4/27

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.034+/-0.048 χ^2/NDF : 6.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.003+/-0.045 χ^2/NDF : 20.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

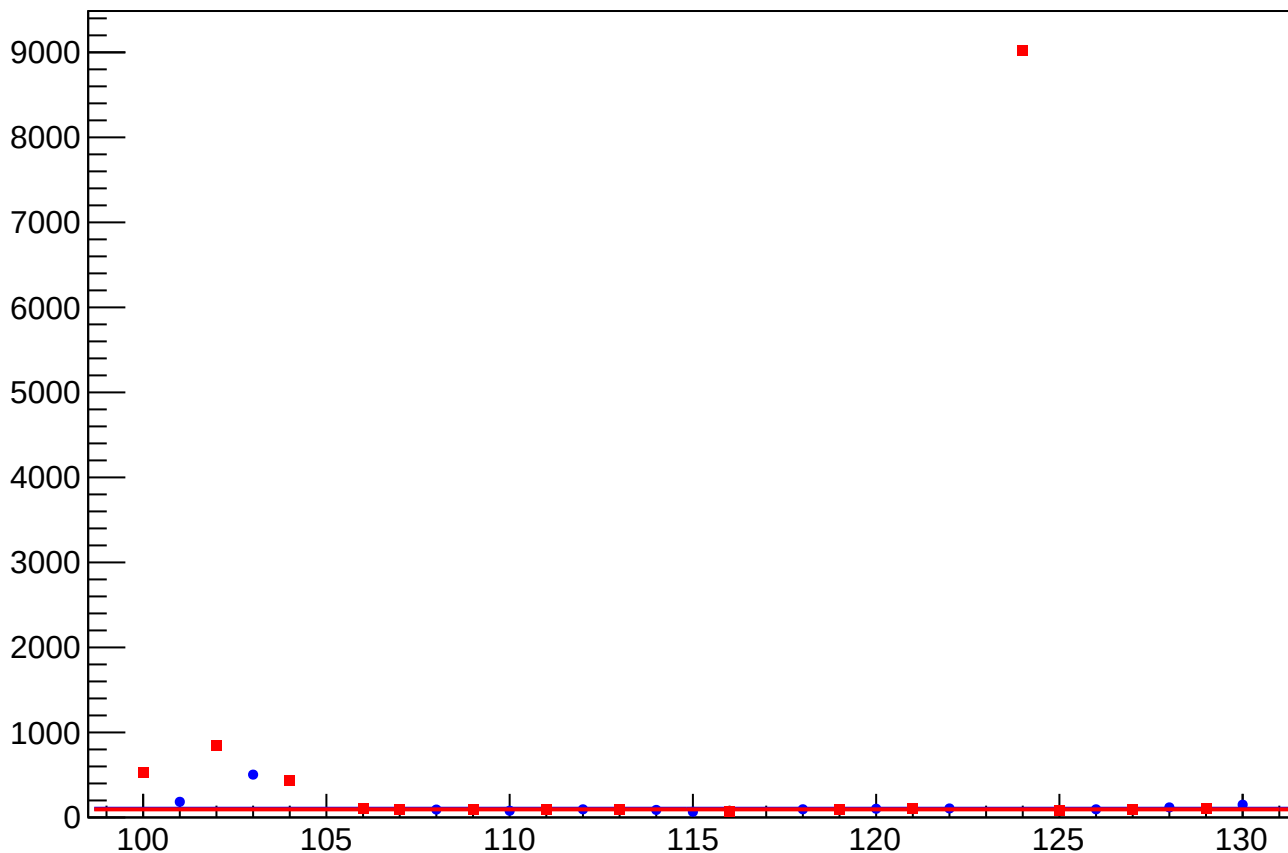
Right: 0.015+/-0.033 χ^2/NDF : 27.3/27

In: 0.034+/-0.048 χ^2/NDF : 6.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.033 χ^2/NDF : 27.3/27

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 102.601+/-0.034 χ^2/NDF : 1253175.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.174+/-0.032 χ^2/NDF : 1823124.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

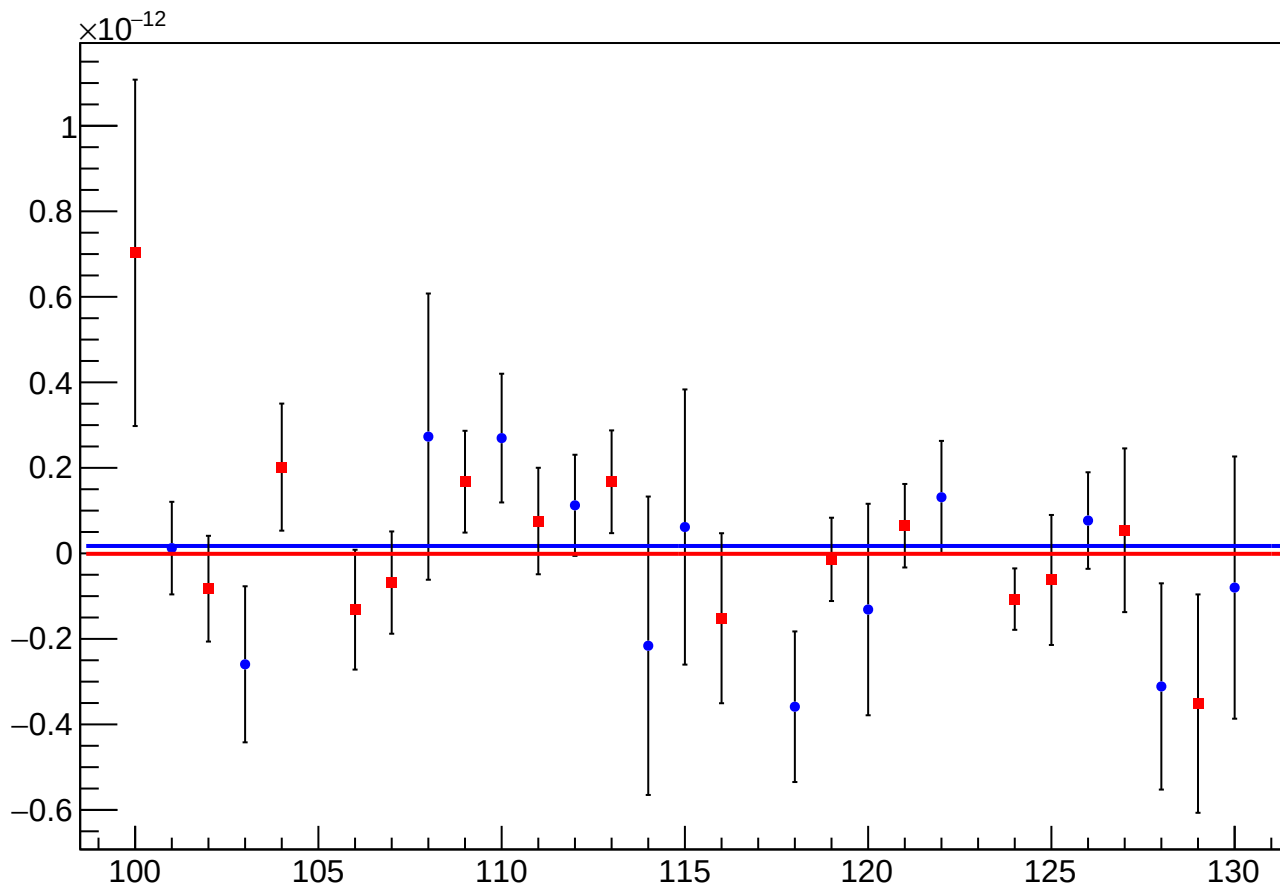
Right: 98.670+/-0.023 χ^2/NDF : 3101671.4/27

In: 102.601+/-0.034 χ^2/NDF : 1253175.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.670+/-0.023 χ^2/NDF : 3101671.4/27

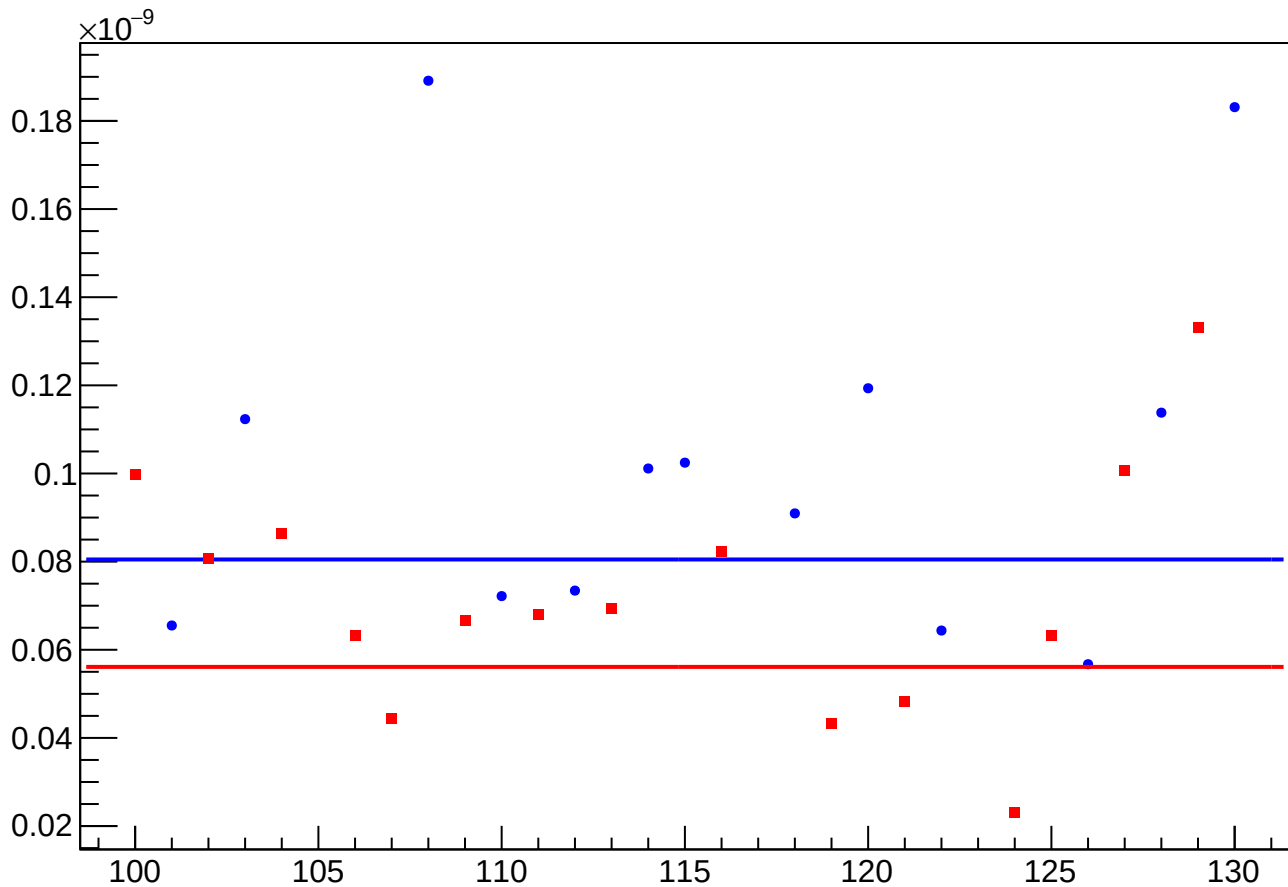
asym_atl_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.7/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 16.2/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 31.0/27
 In: 0.000+/-0.000 χ^2/NDF : 14.7/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 31.0/27

asym_atl_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 776599.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1070363.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

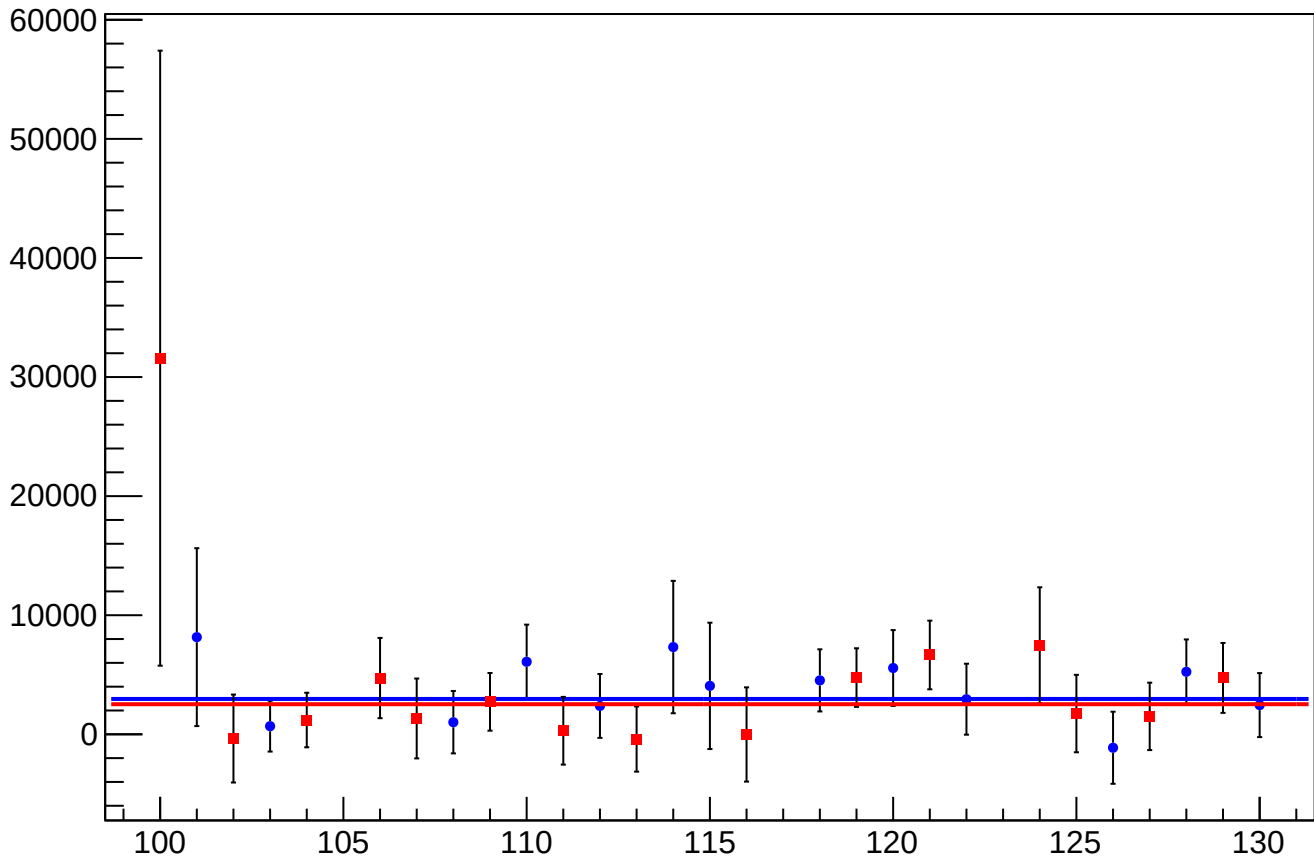
Right: 0.000+/-0.000 χ^2/NDF : 2221625.1/27

In: 0.000+/-0.000 χ^2/NDF : 776599.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2221625.1/27

reg_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2969.039+/-835.004 χ^2/NDF : 7.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2527.917+/-791.347 χ^2/NDF : 9.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

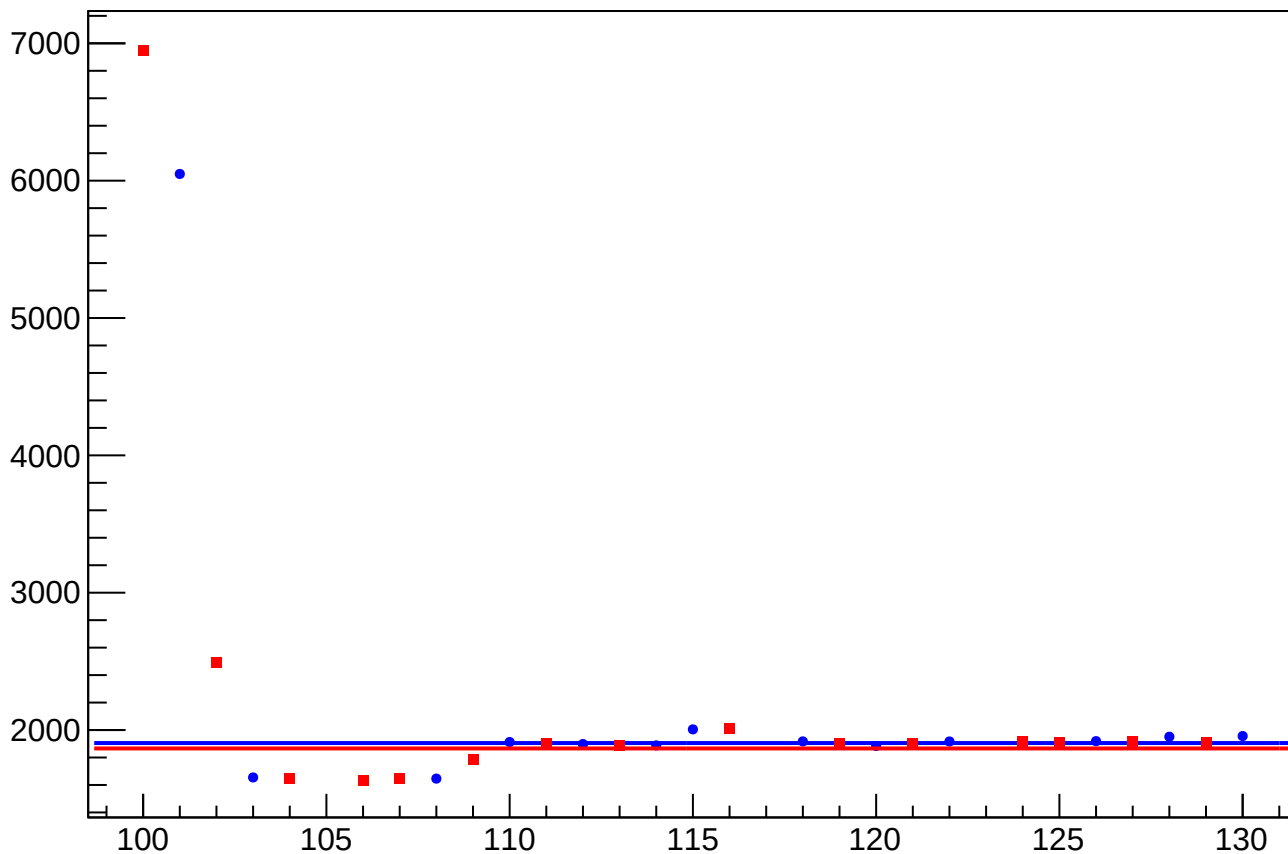
Right: 2736.645+/-574.381 χ^2/NDF : 17.2/27

In: 2969.039+/-835.004 χ^2/NDF : 7.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2736.645+/-574.381 χ^2/NDF : 17.2/27

reg_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1905.294+/-0.590 χ^2/NDF : 664944.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1865.923+/-0.557 χ^2/NDF : 179775.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

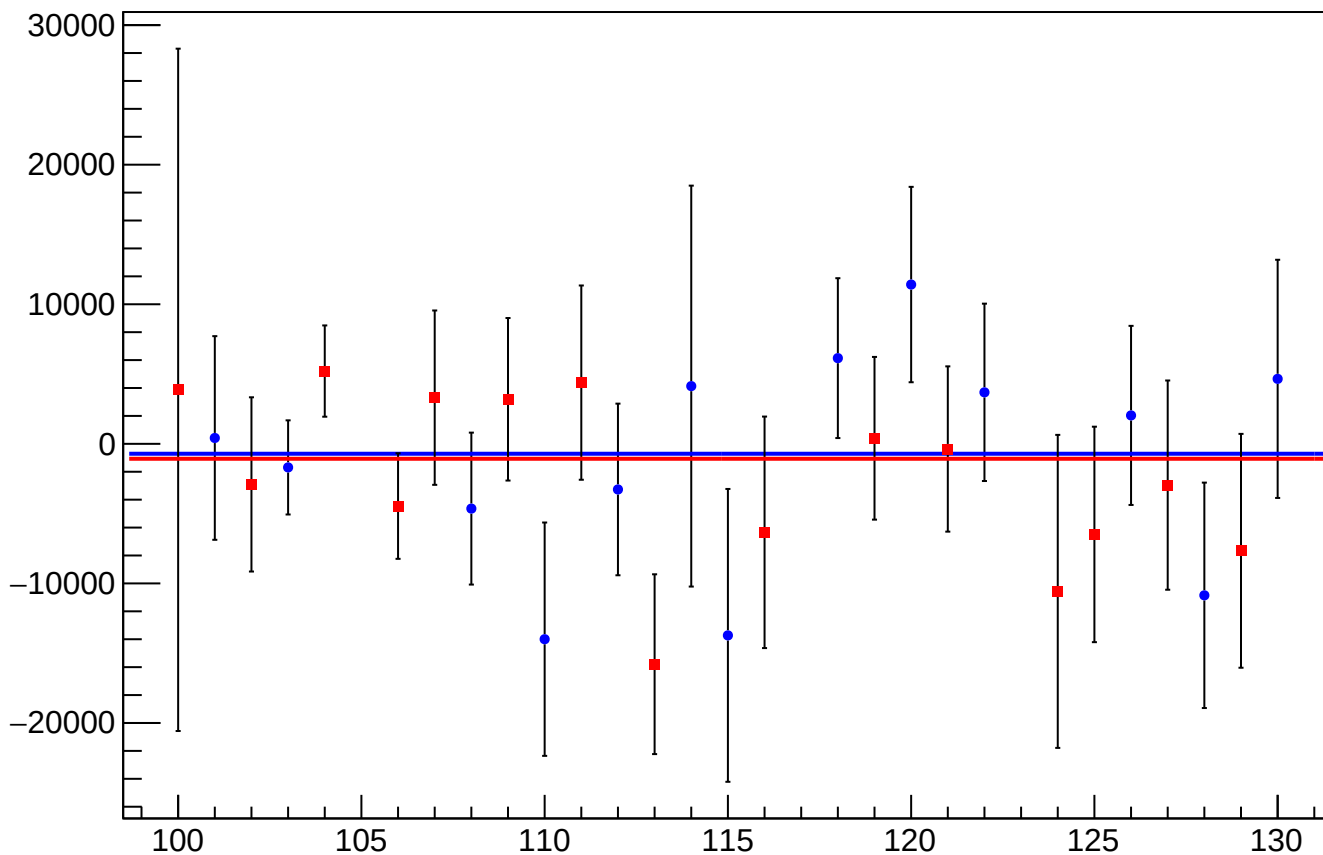
Right: 1884.468+/-0.405 χ^2/NDF : 847071.9/27

In: 1905.294+/-0.590 χ^2/NDF : 664944.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1884.468+/-0.405 χ^2/NDF : 847071.9/27

asym_atr_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -709.758+/-1756.339 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1069.552+/-1543.047 χ^2/NDF : 13.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

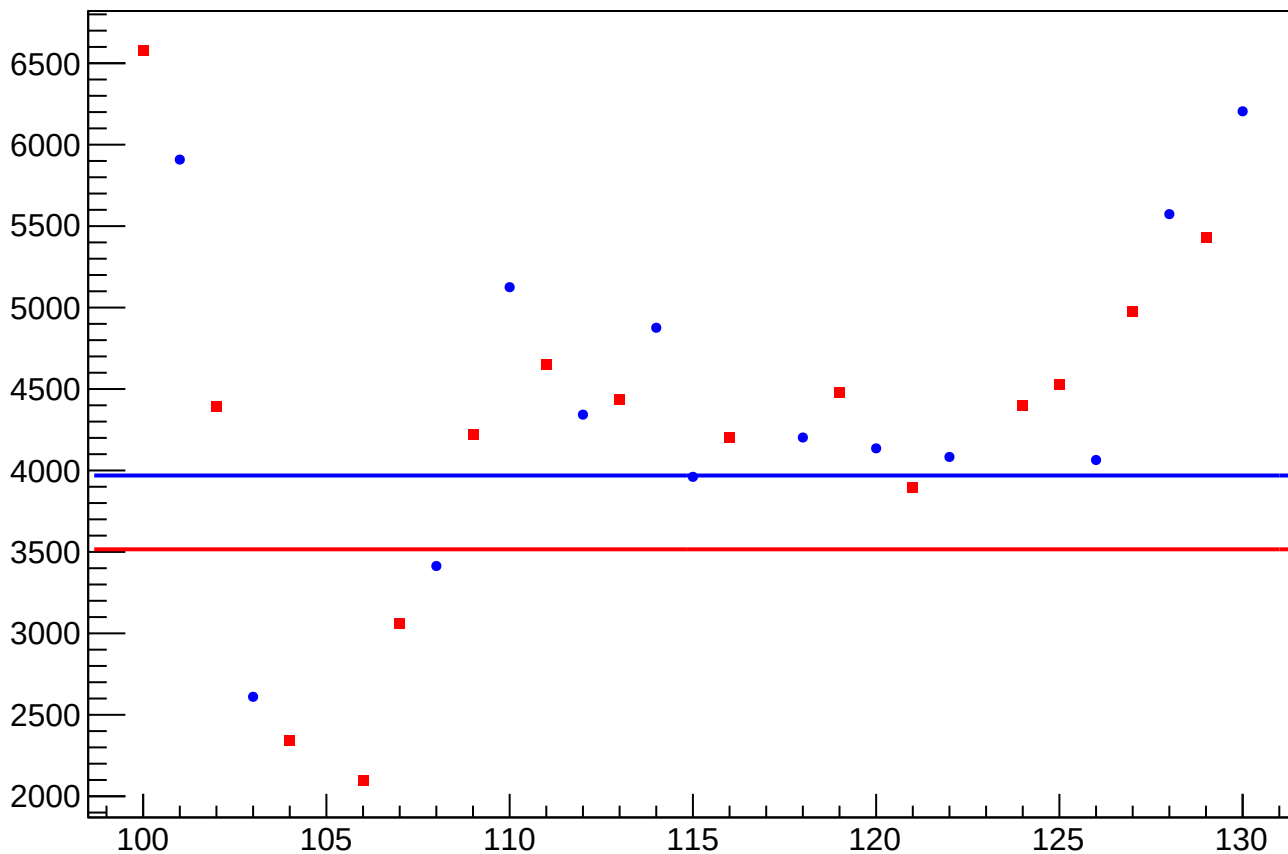
Right: -912.817+/-1159.214 χ^2/NDF : 25.9/27

In: -709.758+/-1756.339 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -912.817+/-1159.214 χ^2/NDF : 25.9/27

asym_atr_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3969.038+/-1.242 χ^2/NDF : 762016.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3515.975+/-1.091 χ^2/NDF : 1048020.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

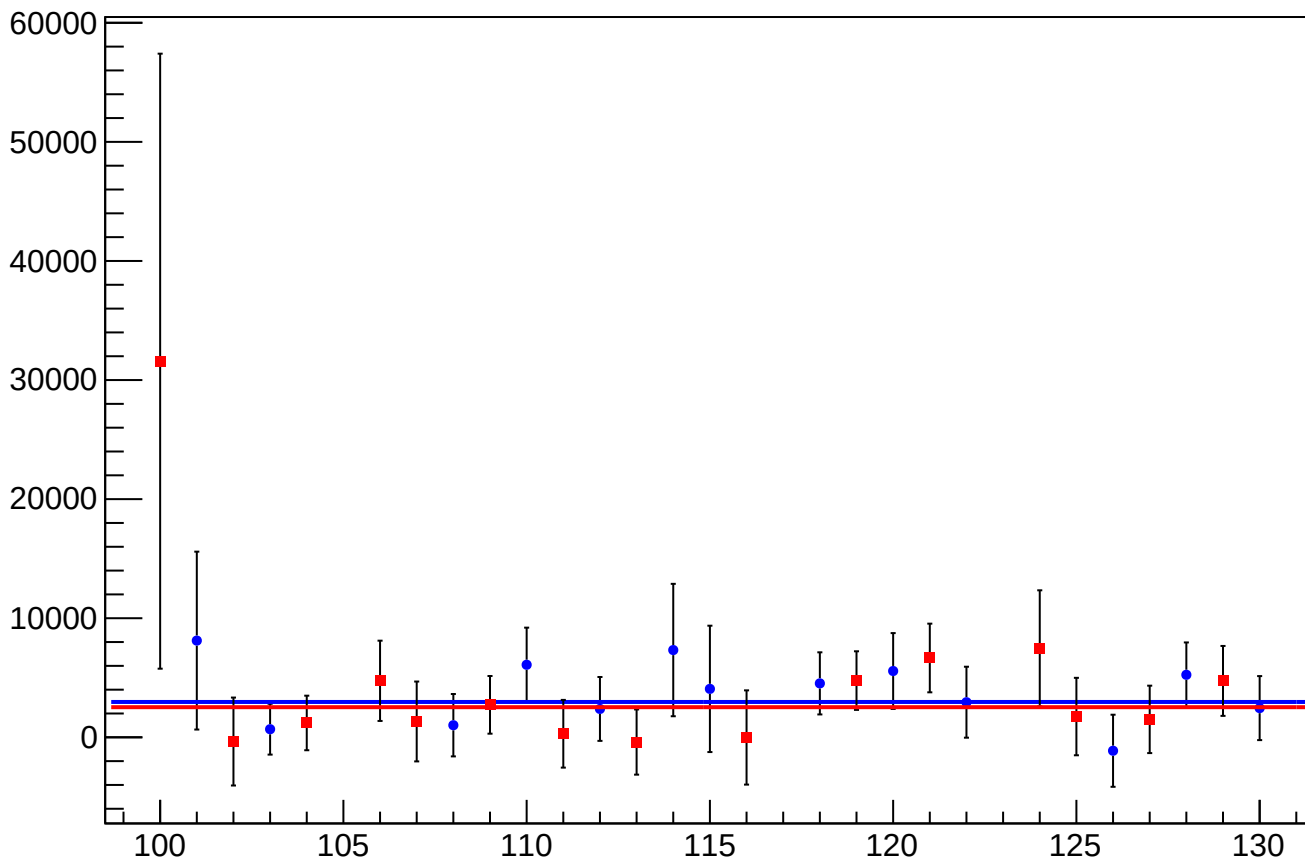
Right: 3713.339+/-0.820 χ^2/NDF : 1885147.6/27

In: 3969.038+/-1.242 χ^2/NDF : 762016.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3713.339+/-0.820 χ^2/NDF : 1885147.6/27

cor_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2968.123+/-835.005 χ^2/NDF : 7.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2529.427+/-791.353 χ^2/NDF : 9.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

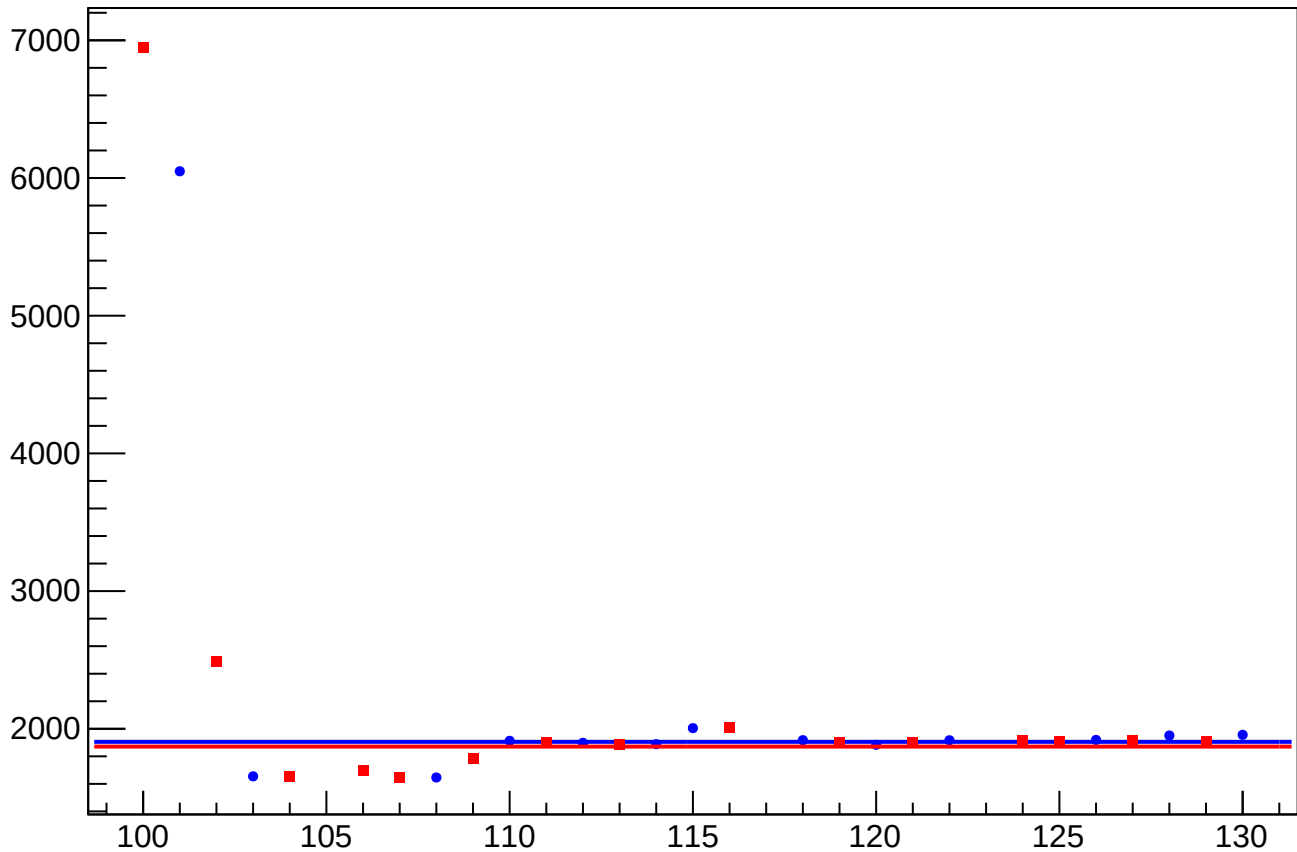
Right: 2737.009+/-574.383 χ^2/NDF : 17.2/27

In: 2968.123+/-835.005 χ^2/NDF : 7.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2737.009+/-574.383 χ^2/NDF : 17.2/27

cor_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1905.294+/-0.590 χ^2/NDF : 664943.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1870.740+/-0.558 χ^2/NDF : 174067.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

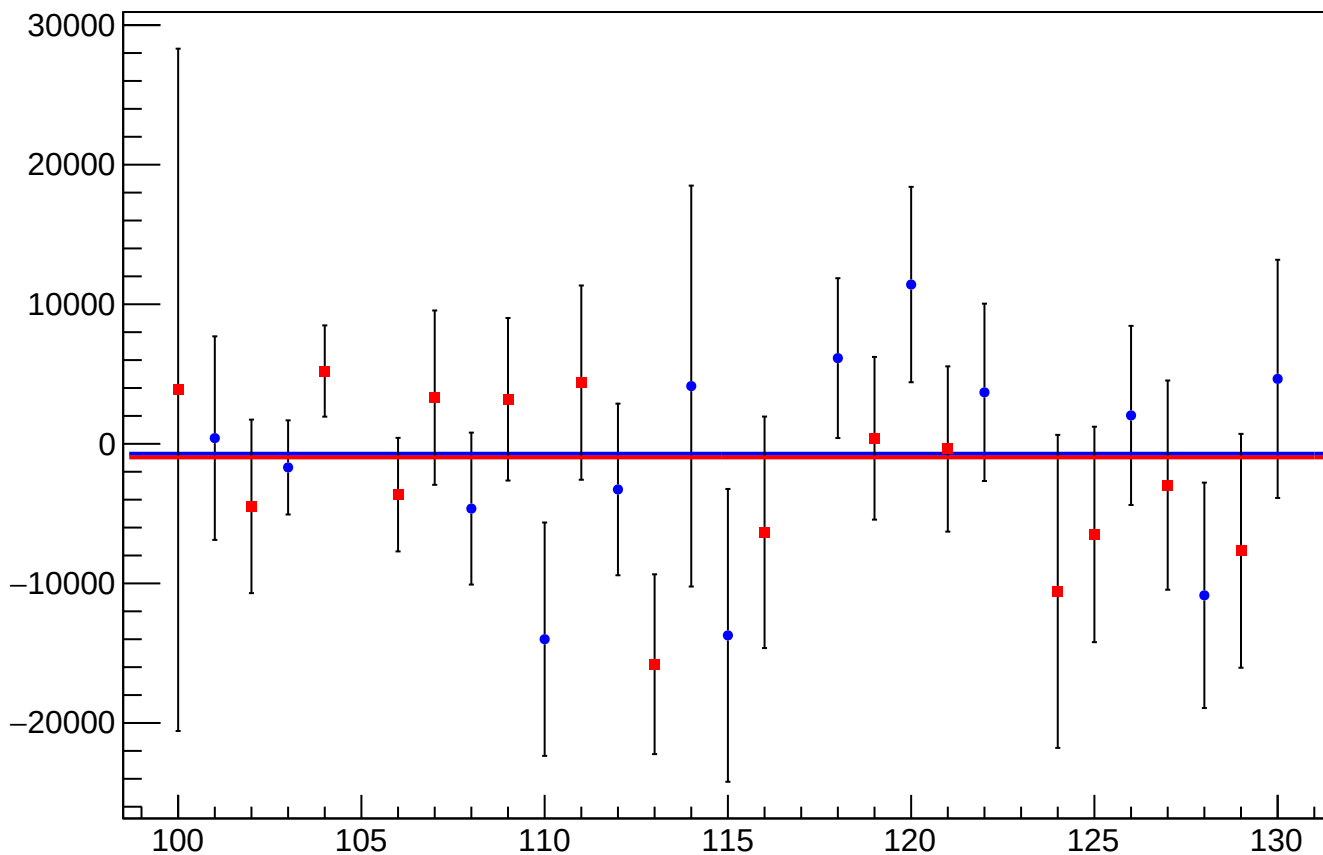
Right: 1887.057+/-0.406 χ^2/NDF : 840818.6/27

In: 1905.294+/-0.590 χ^2/NDF : 664943.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1887.057+/-0.406 χ^2/NDF : 840818.6/27

asym_atr_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -710.243+/-1756.344 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -969.990+/-1560.484 χ^2/NDF : 13.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

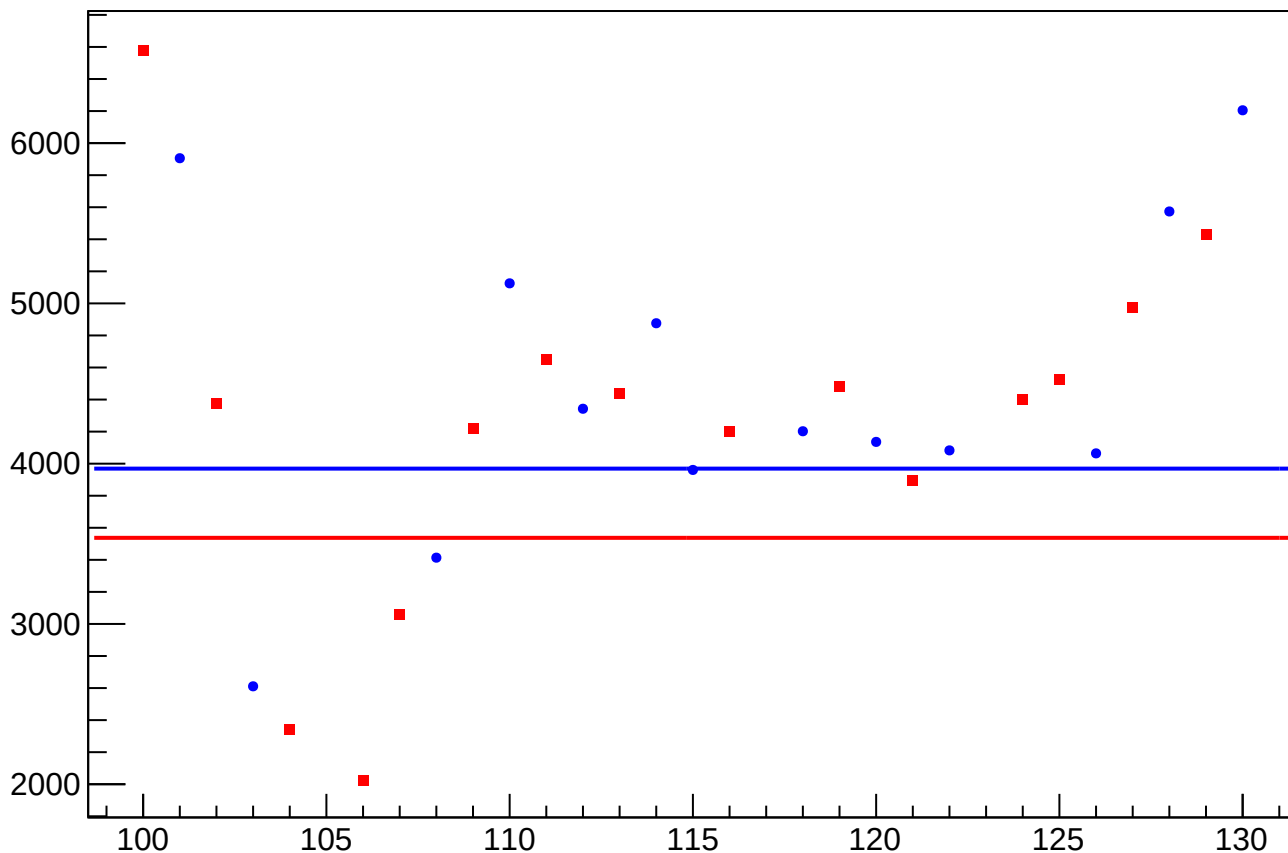
Right: -855.401+/-1166.555 χ^2/NDF : 25.7/27

In: -710.243+/-1756.344 χ^2/NDF :12.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -855.401+/-1166.555 χ^2/NDF : 25.7/27

asym_atr_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3969.154+/-1.242 χ^2/NDF : 761538.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3537.297+/-1.103 χ^2/NDF : 1033358.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

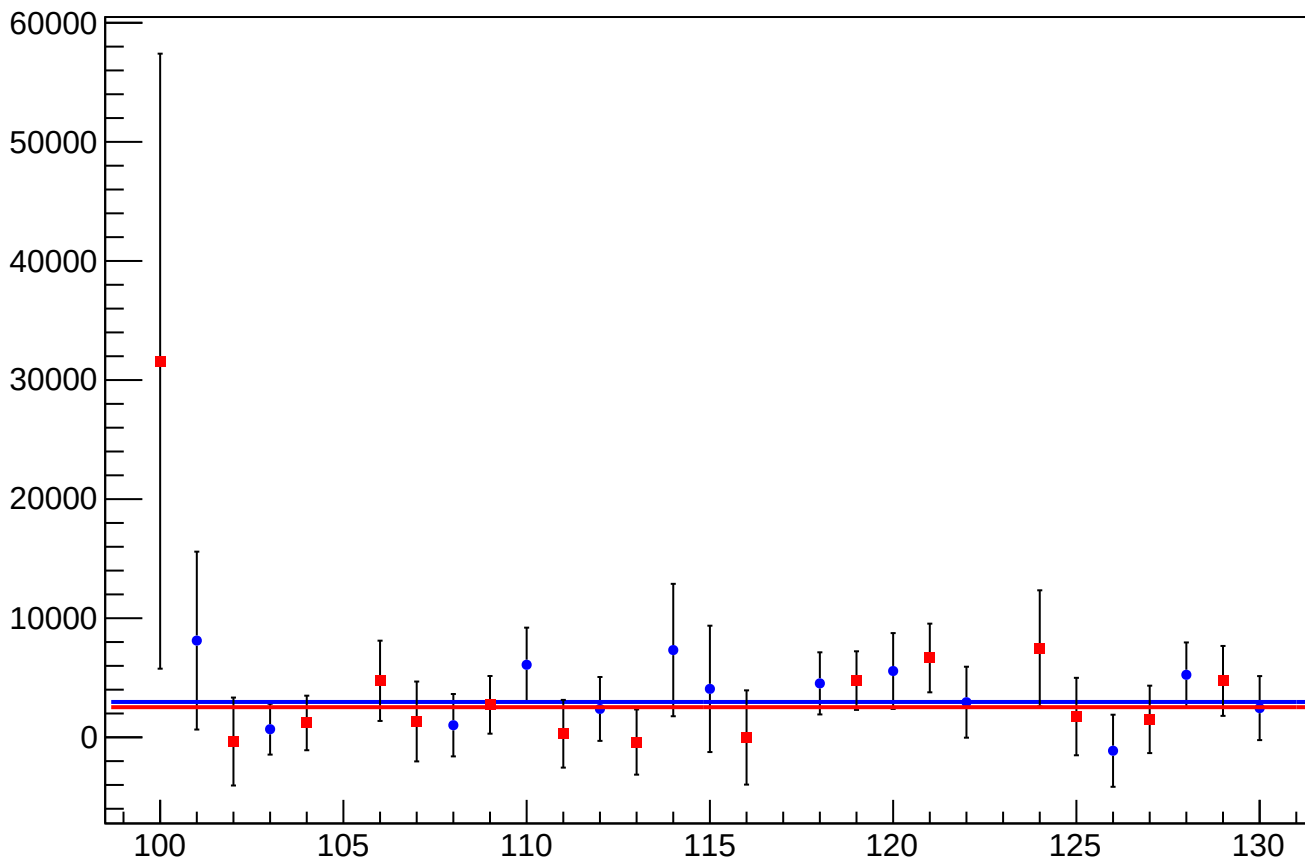
Right: 3727.813+/-0.825 χ^2/NDF : 1862471.7/27

In: 3969.154+/-1.242 χ^2/NDF : 761538.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3727.813+/-0.825 χ^2/NDF : 1862471.7/27

eigen_cor_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2968.123+/-835.005 χ^2/NDF : 7.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2529.427+/-791.353 χ^2/NDF : 9.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

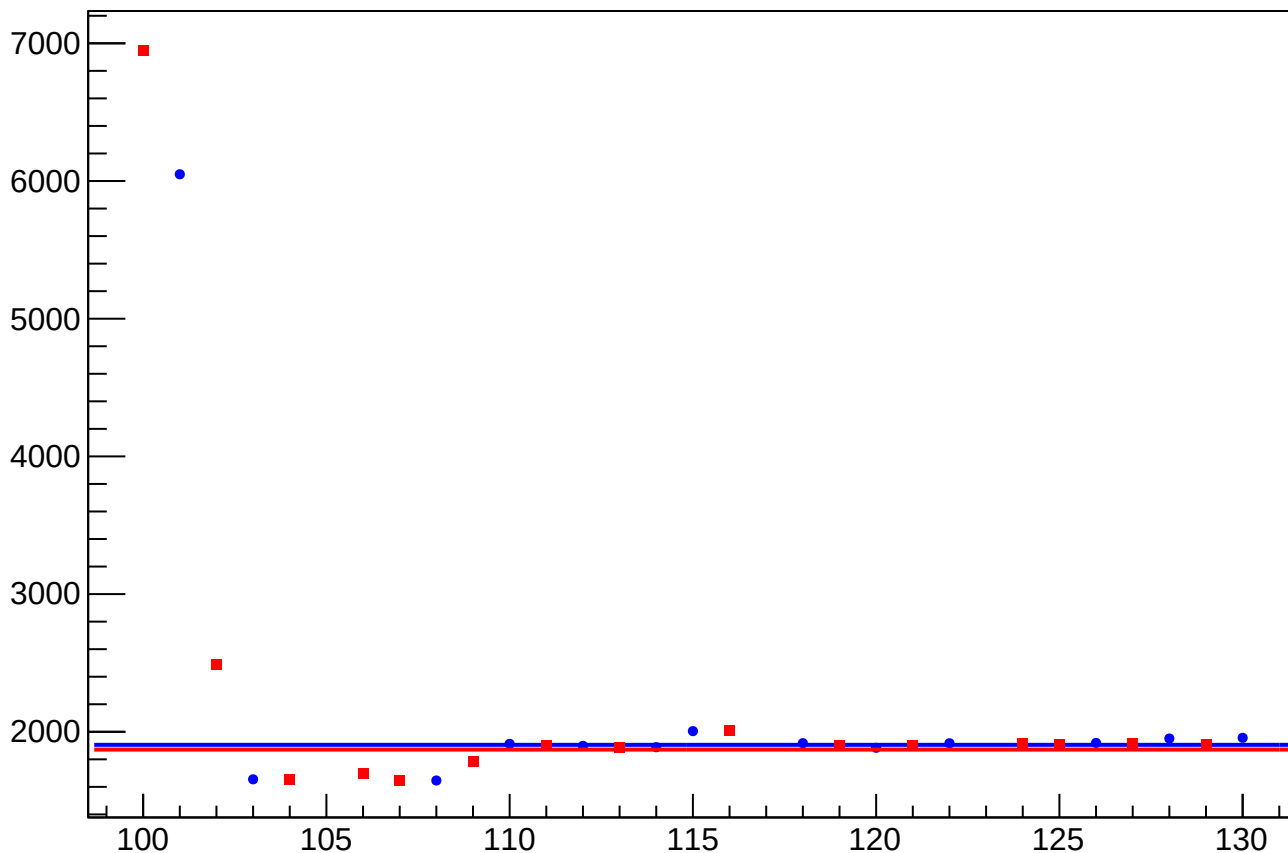
Right: 2737.009+/-574.383 χ^2/NDF : 17.2/27

In: 2968.123+/-835.005 χ^2/NDF : 7.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2737.009+/-574.383 χ^2/NDF : 17.2/27

eigen_cor_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1905.294+/-0.590 χ^2/NDF : 664943.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1870.740+/-0.558 χ^2/NDF : 174067.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

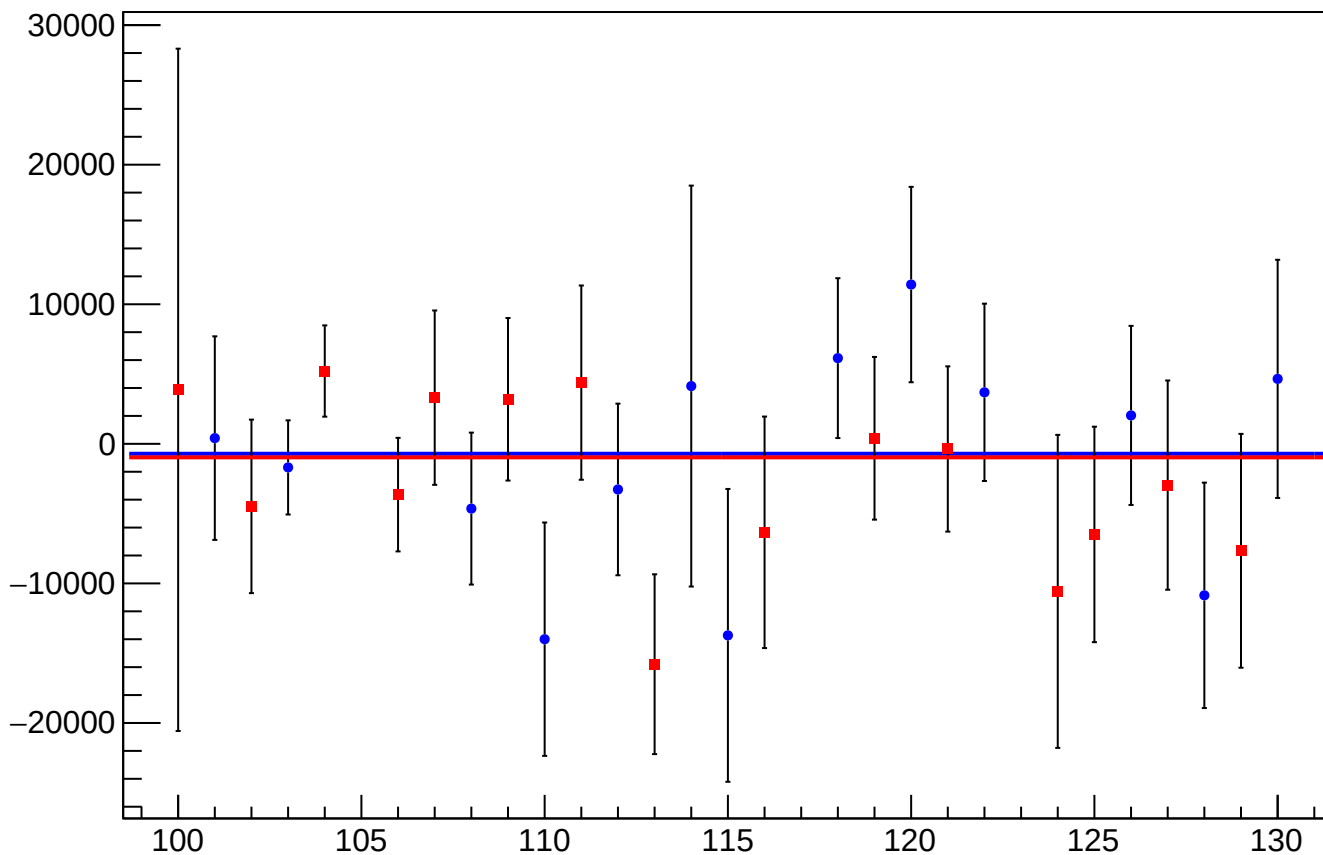
Right: 1887.057+/-0.406 χ^2/NDF : 840818.6/27

In: 1905.294+/-0.590 χ^2/NDF : 664943.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1887.057+/-0.406 χ^2/NDF : 840818.6/27

asym_atr_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -710.243+/-1756.344 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -969.990+/-1560.484 χ^2/NDF : 13.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

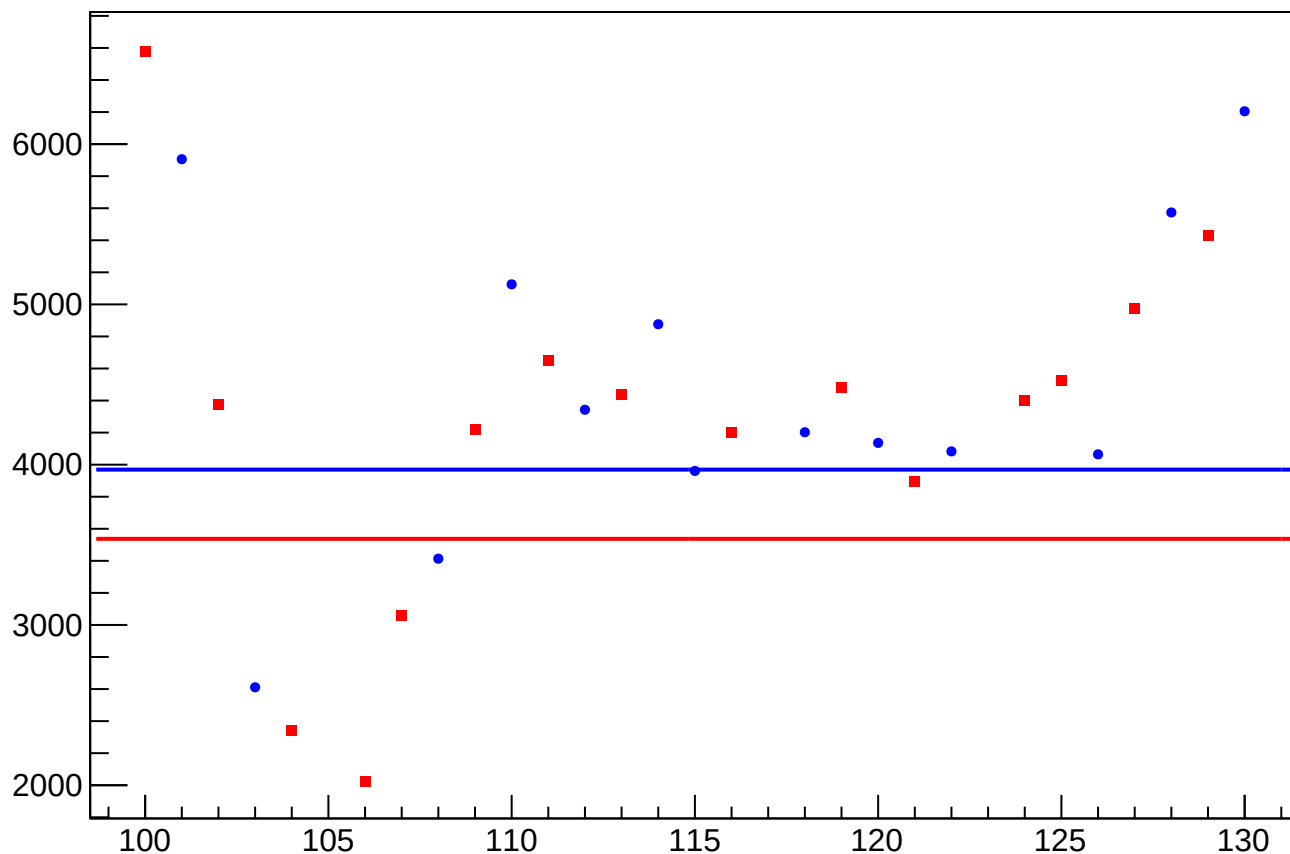
Right: -855.401+/-1166.555 χ^2/NDF : 25.7/27

In: -710.243+/-1756.344 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -855.401+/-1166.555 χ^2/NDF : 25.7/27

asym_atr_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3969.154+/-1.242 χ^2/NDF : 761538.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3537.297+/-1.103 χ^2/NDF : 1033358.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

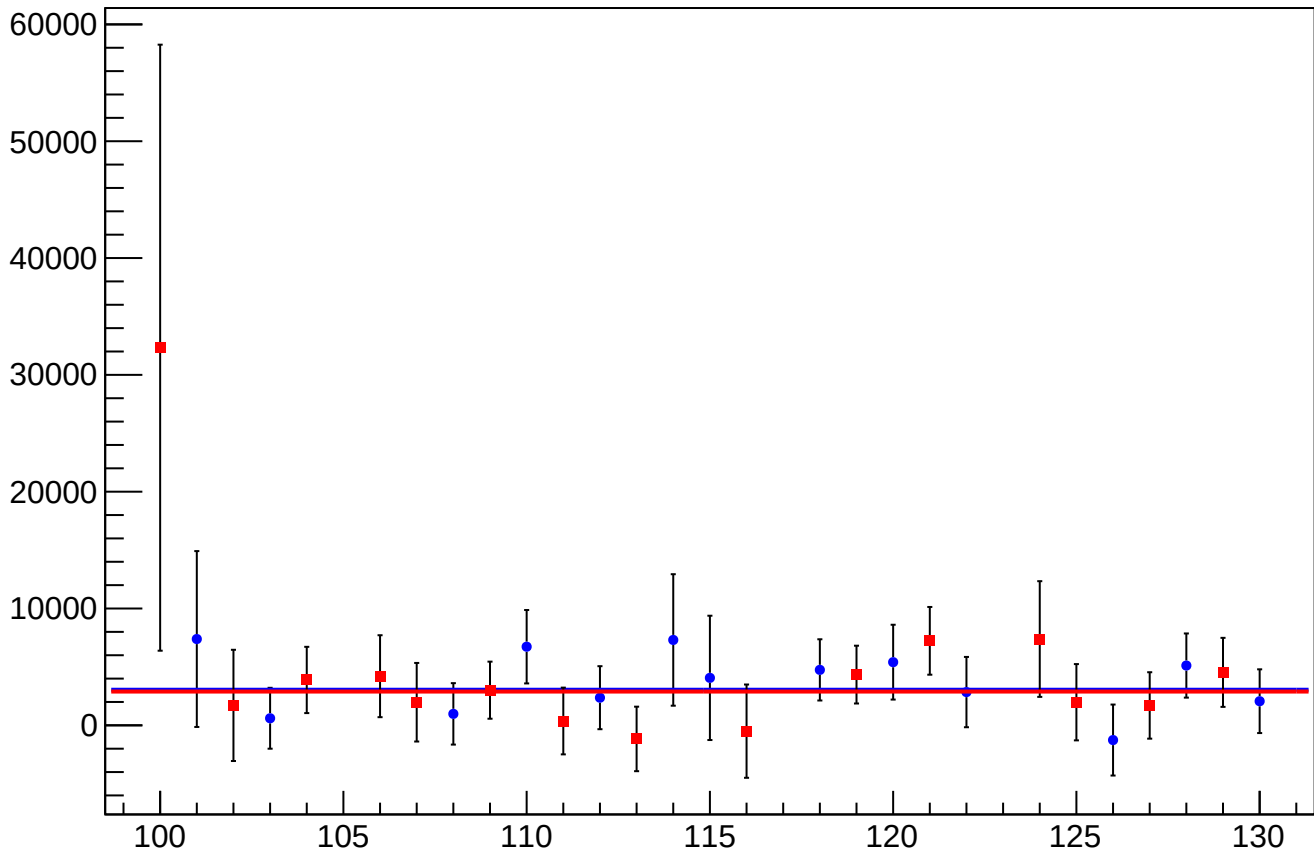
Right: 3727.813+/-0.825 χ^2/NDF : 1862471.7/27

In: 3969.154+/-1.242 χ^2/NDF : 761538.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3727.813+/-0.825 χ^2/NDF : 1862471.7/27

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3046.882+/-862.571 χ^2/NDF : 7.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2890.871+/-822.314 χ^2/NDF : 9.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

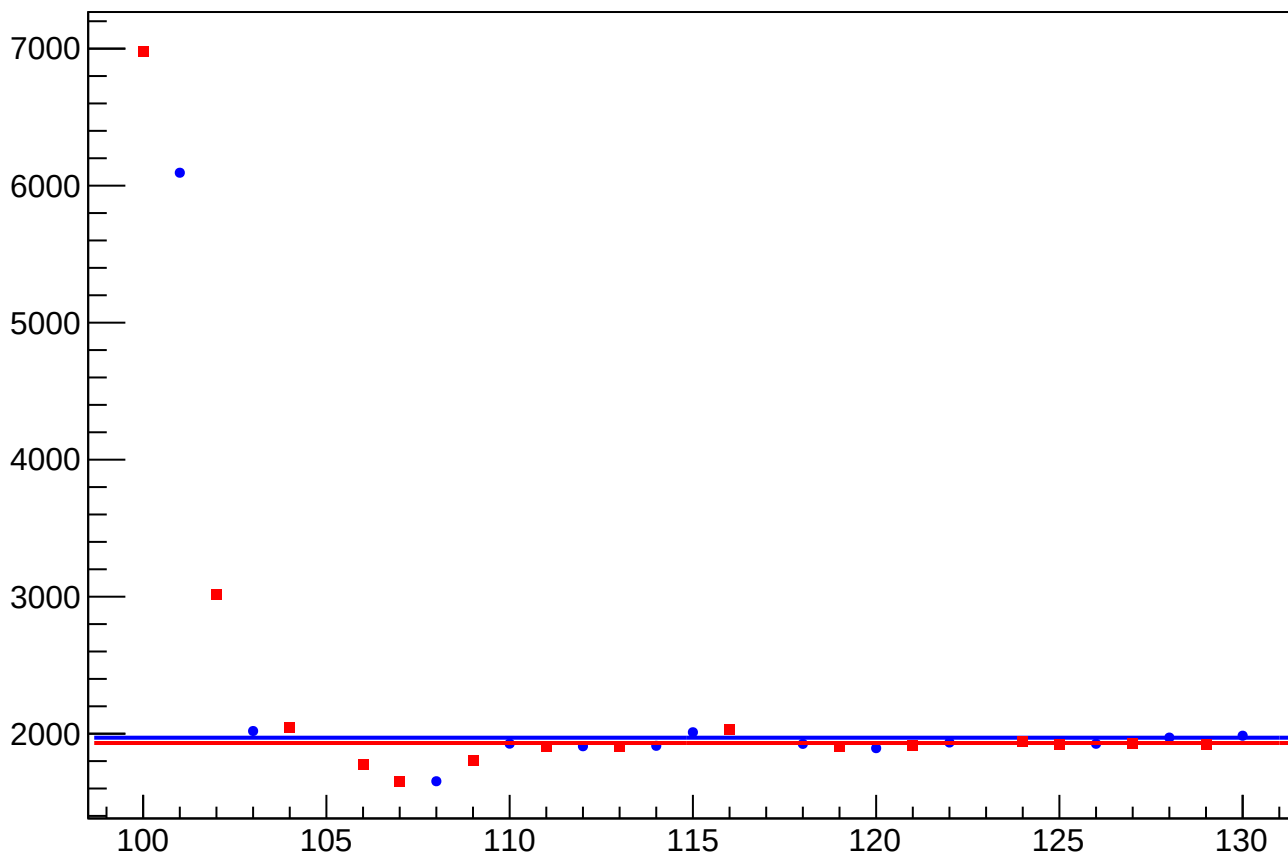
Right: 2965.151+/-595.187 χ^2/NDF : 16.9/27

In: 3046.882+/-862.571 χ^2/NDF : 7.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2965.151+/-595.187 χ^2/NDF : 16.9/27

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1970.842+/-0.610 χ^2/NDF : 634322.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1932.107+/-0.581 χ^2/NDF : 208715.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

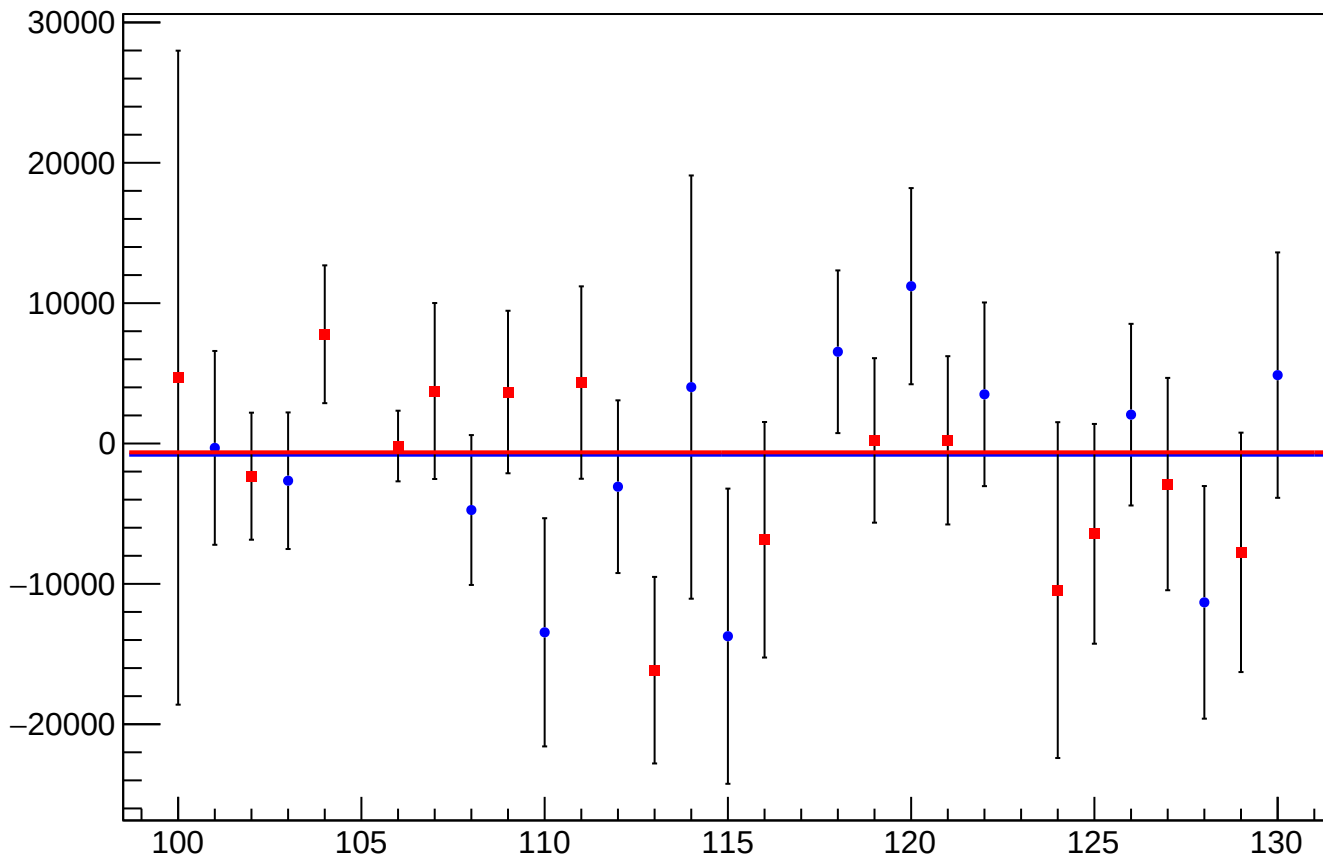
Right: 1950.528+/-0.421 χ^2/NDF : 845153.1/27

In: 1970.842+/-0.610 χ^2/NDF : 634322.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1950.528+/-0.421 χ^2/NDF : 845153.1/27

asym_atr_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -797.244+/-1895.185 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -628.929+/-1450.989 χ^2/NDF : 12.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

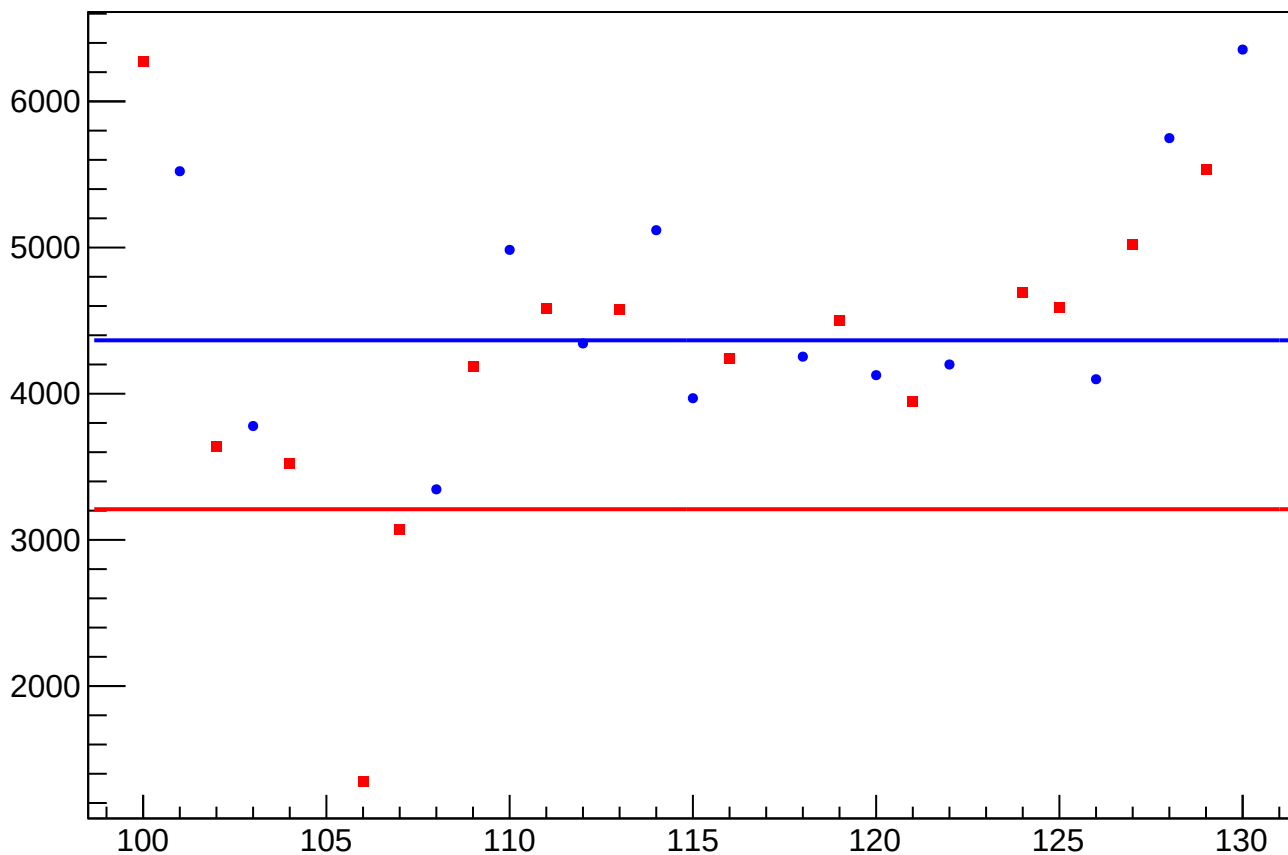
Right: -691.130+/-1152.097 χ^2/NDF : 24.9/27

In: -797.244+/-1895.185 χ^2/NDF : 12.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -691.130+/-1152.097 χ^2/NDF : 24.9/27

asym_atr_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4365.368+/-1.340 χ^2/NDF : 344544.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3209.887+/-1.026 χ^2/NDF : 1891931.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

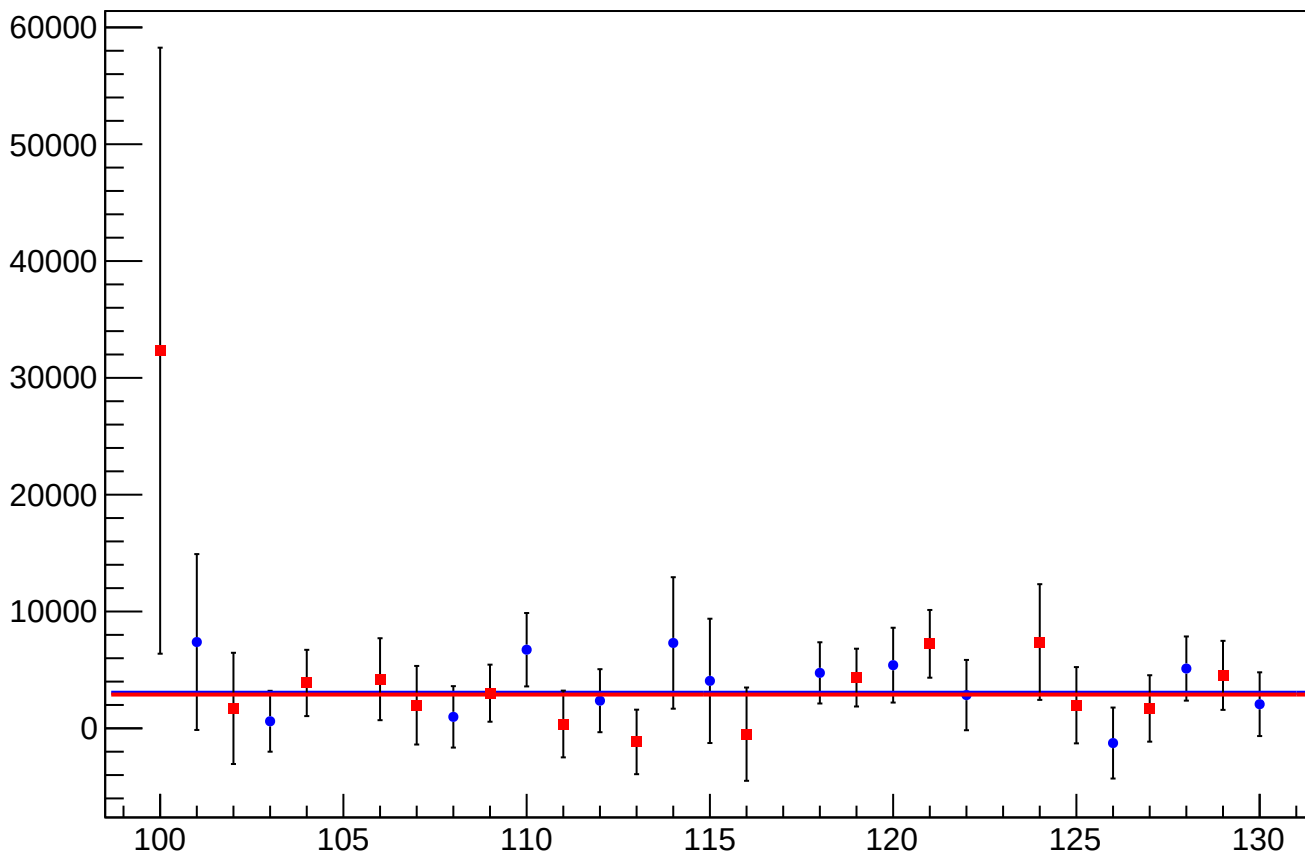
Right: 3636.897+/-0.815 χ^2/NDF : 2705184.6/27

In: 4365.368+/-1.340 χ^2/NDF : 344544.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3636.897+/-0.815 χ^2/NDF : 2705184.6/27

eigen_dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3046.883+/-862.571 χ^2/NDF : 7.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2890.878+/-822.313 χ^2/NDF : 9.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

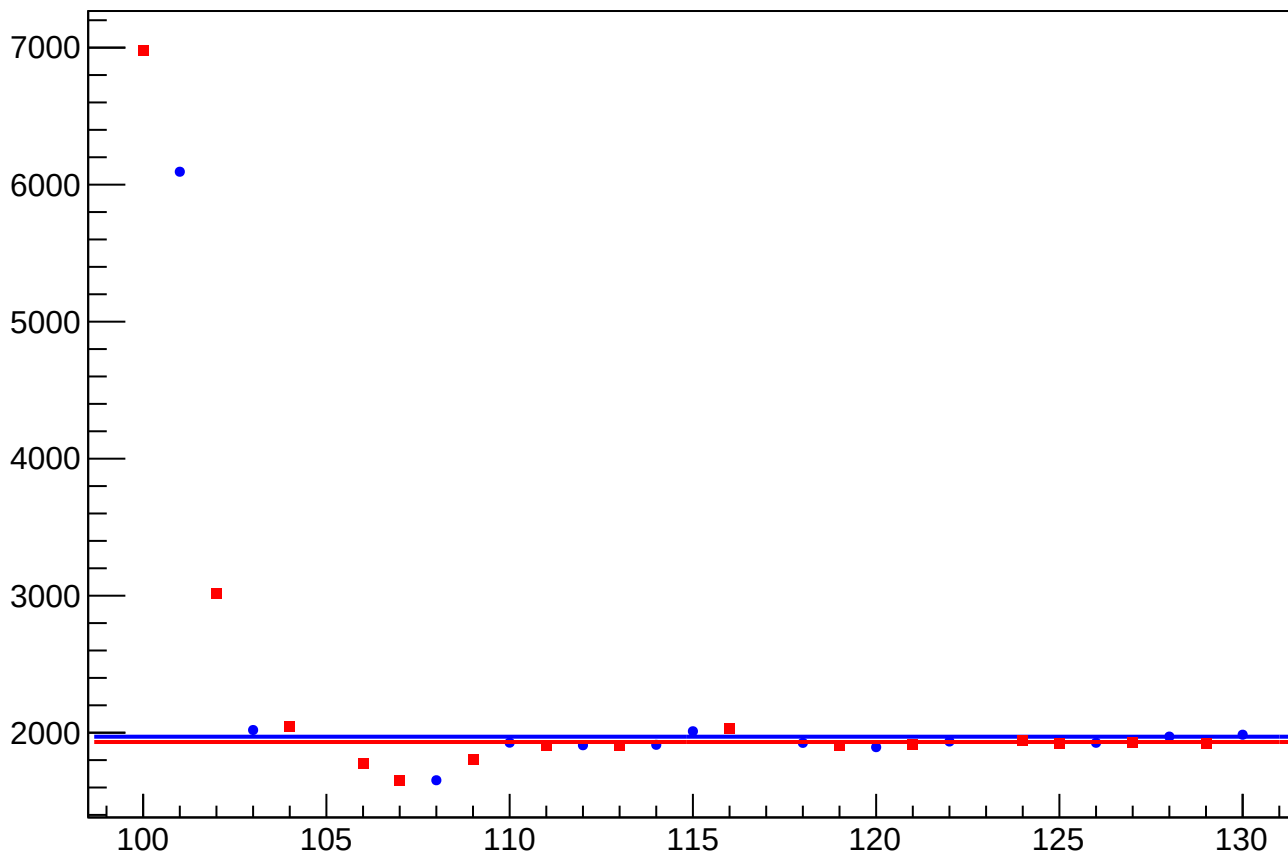
Right: 2965.155+/-595.187 χ^2/NDF : 16.9/27

In: 3046.883+/-862.571 χ^2/NDF : 7.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2965.155+/-595.187 χ^2/NDF : 16.9/27

eigen_dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1970.841+/-0.610 χ^2/NDF : 634322.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1932.107+/-0.581 χ^2/NDF : 208715.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

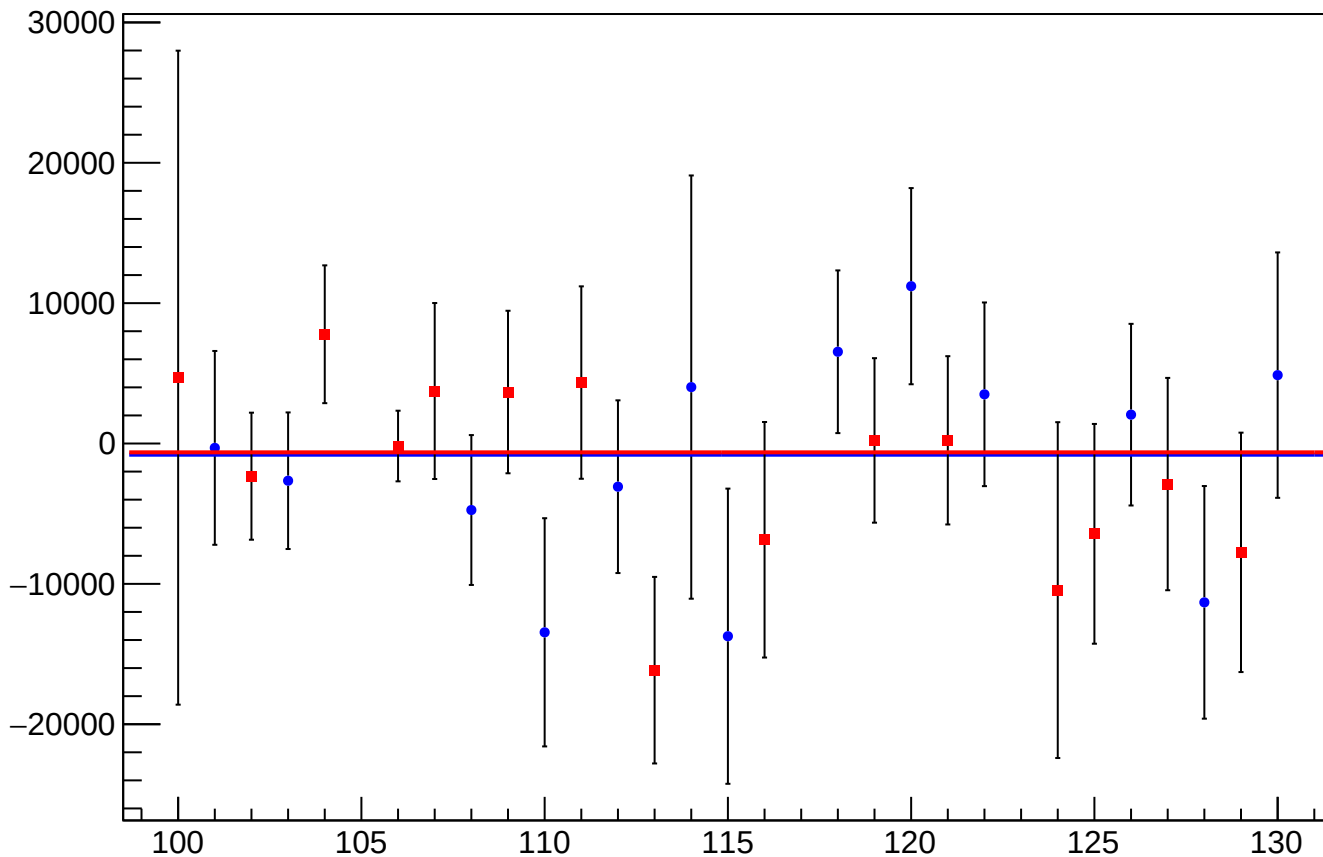
Right: 1950.528+/-0.421 χ^2/NDF : 845152.7/27

In: 1970.841+/-0.610 χ^2/NDF : 634322.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1950.528+/-0.421 χ^2/NDF : 845152.7/27

asym_atr_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -797.235+/-1895.180 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -628.930+/-1450.986 χ^2/NDF : 12.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

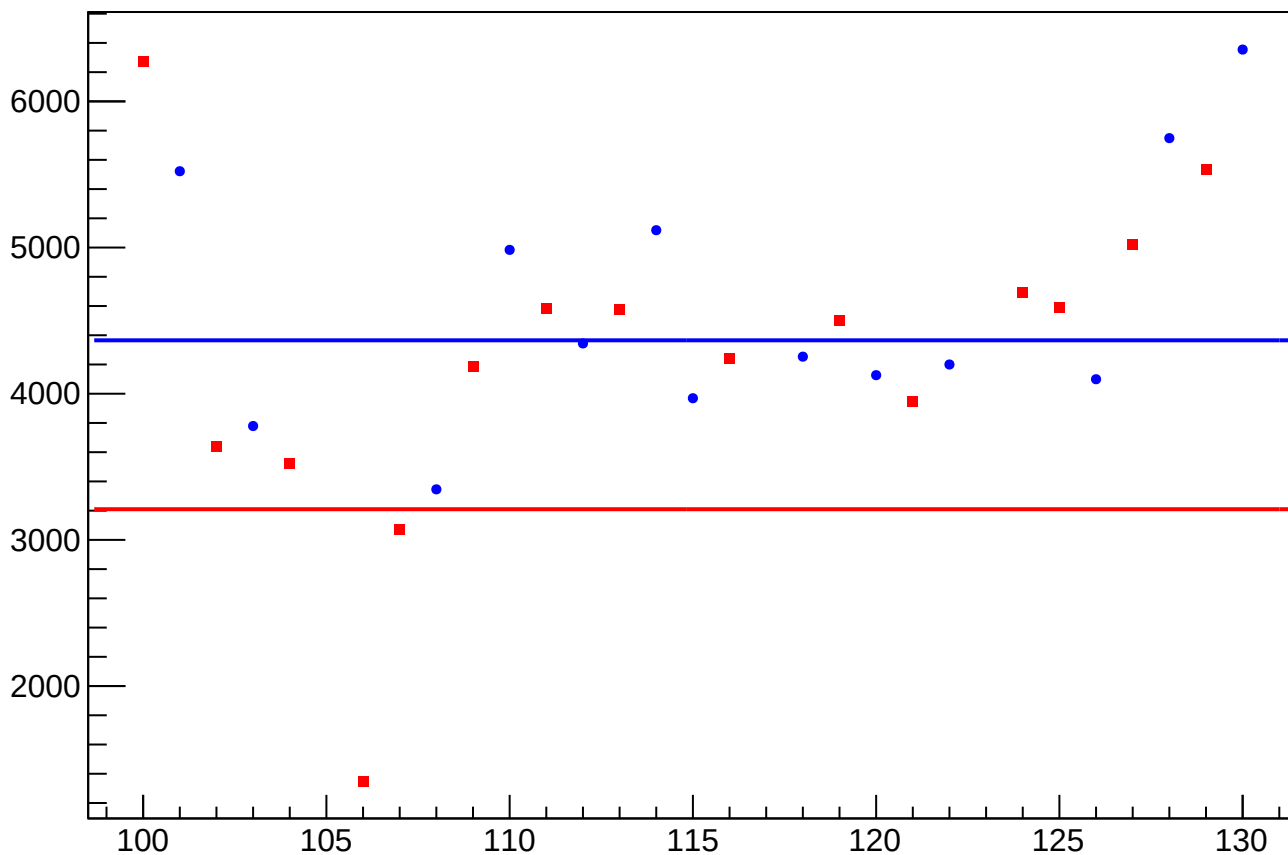
Right: -691.127+/-1152.094 χ^2/NDF : 24.9/27

In: -797.235+/-1895.180 χ^2/NDF :12.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -691.127+/-1152.094 χ^2/NDF : 24.9/27

asym_atr_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4365.358+/-1.340 χ^2/NDF : 344541.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3209.878+/-1.026 χ^2/NDF : 1891933.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

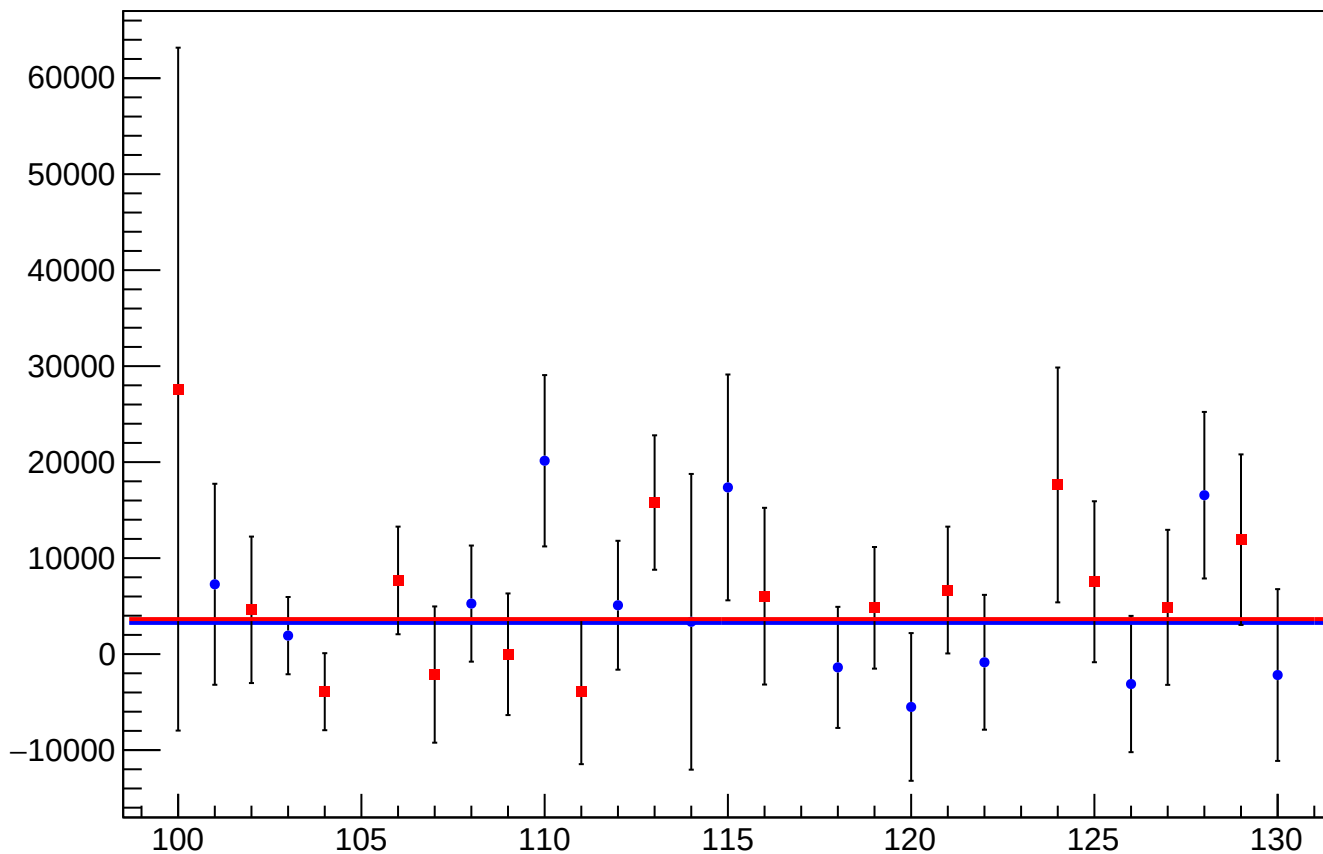
Right: 3636.888+/-0.815 χ^2/NDF : 2705183.3/27

In: 4365.358+/-1.340 χ^2/NDF : 344541.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3636.888+/-0.815 χ^2/NDF : 2705183.3/27

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3250.690+/-1991.017 χ^2/NDF : 11.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3647.242+/-1815.869 χ^2/NDF : 12.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

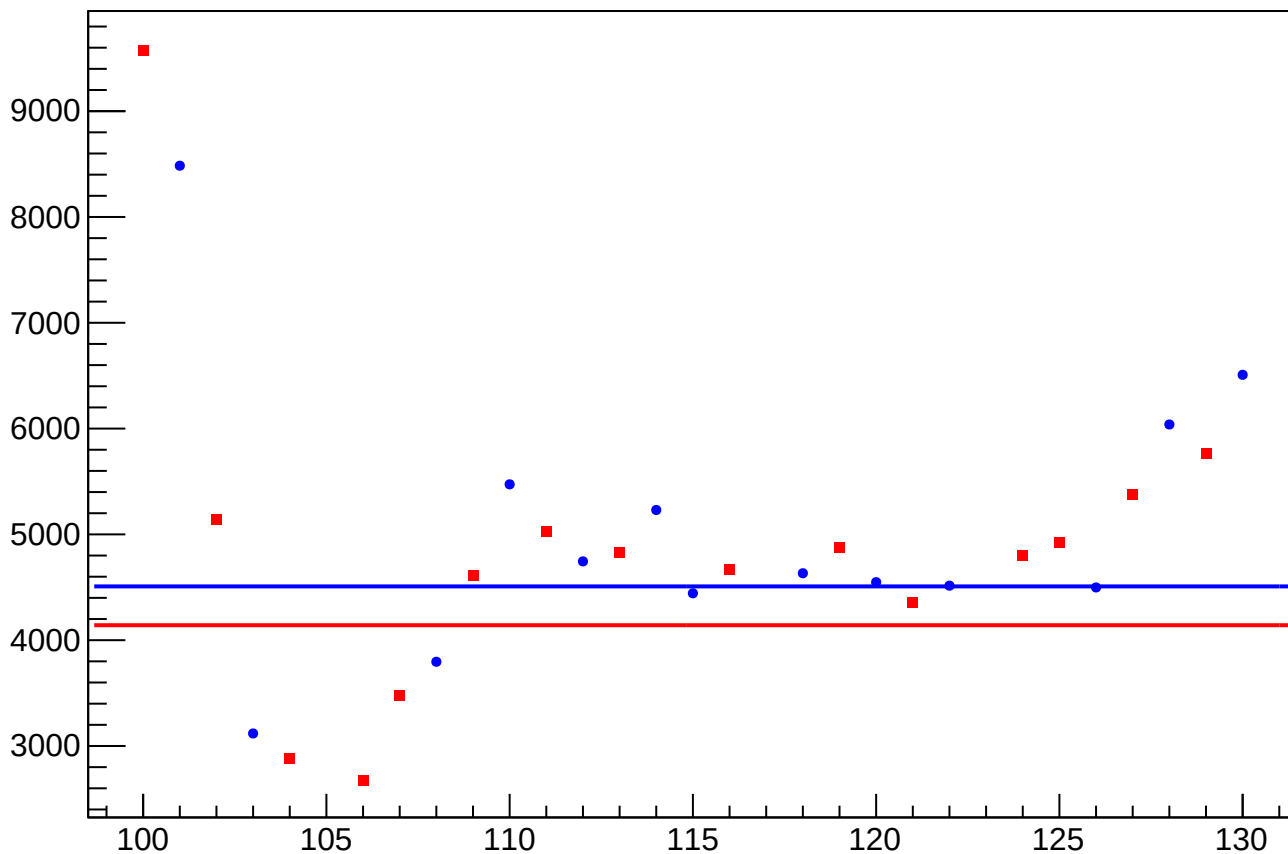
Right: 3467.172+/-1341.669 χ^2/NDF : 23.5/27

In: 3250.690+/-1991.017 χ^2/NDF : 11.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3467.172+/-1341.669 χ^2/NDF : 23.5/27

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4508.317+/-1.408 χ^2/NDF : 747871.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4141.485+/-1.271 χ^2/NDF : 688730.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

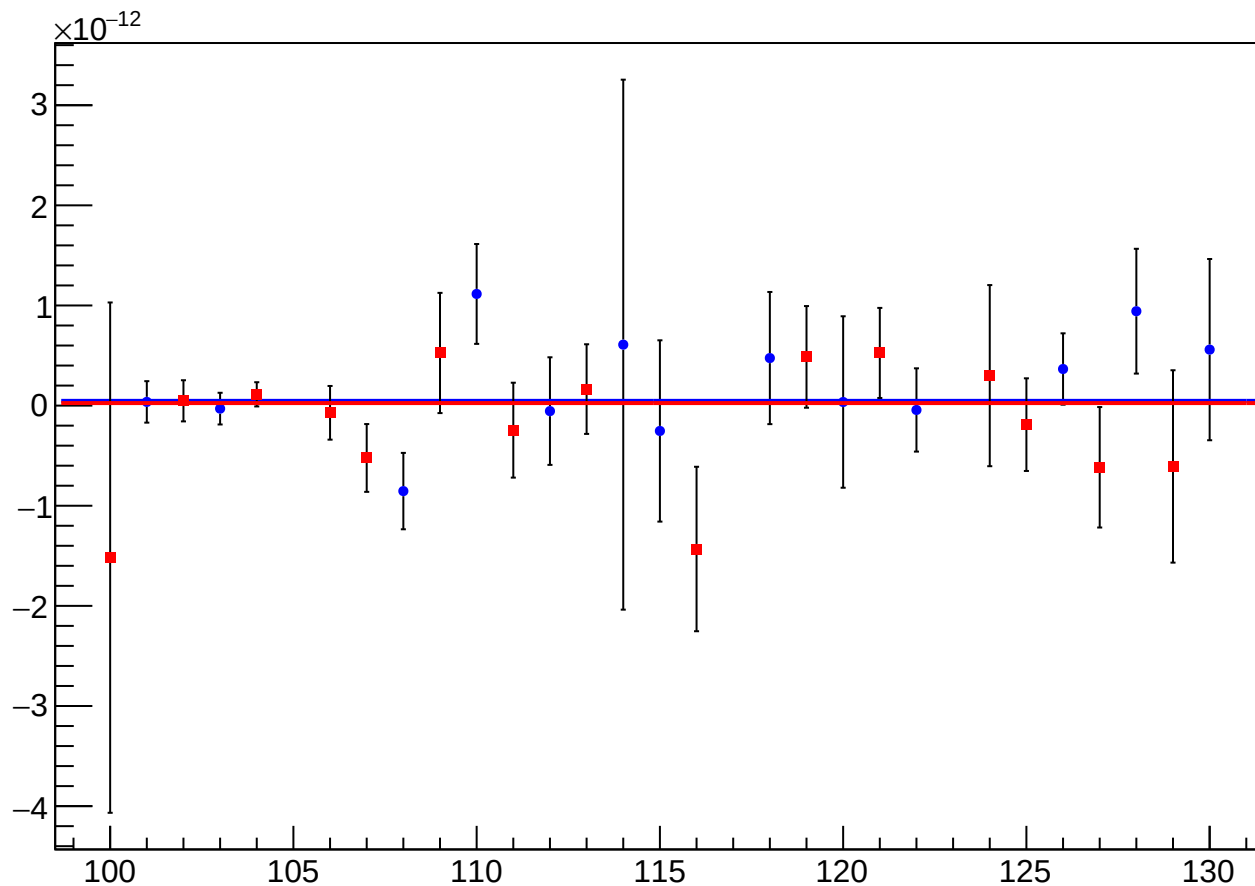
Right: 4306.200+/-0.943 χ^2/NDF : 1474008.9/27

In: 4508.317+/-1.408 χ^2/NDF : 747871.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4306.200+/-0.943 χ^2/NDF : 1474008.9/27

asym_atr_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

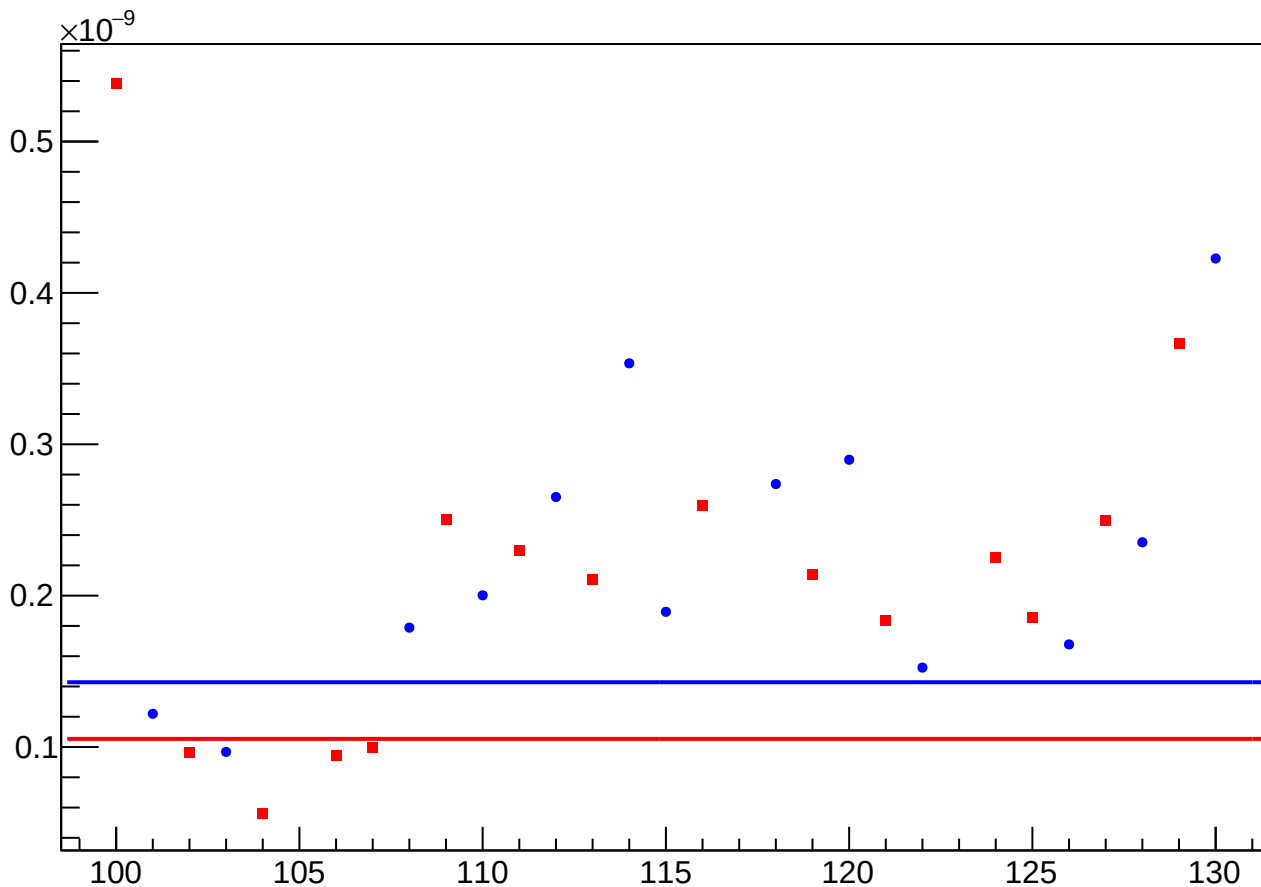
Right: 0.000+/-0.000 χ^2/NDF : 26.1/27

In: 0.000+/-0.000 χ^2/NDF : 14.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.1/27

asym_atr_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 739607.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1345257.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

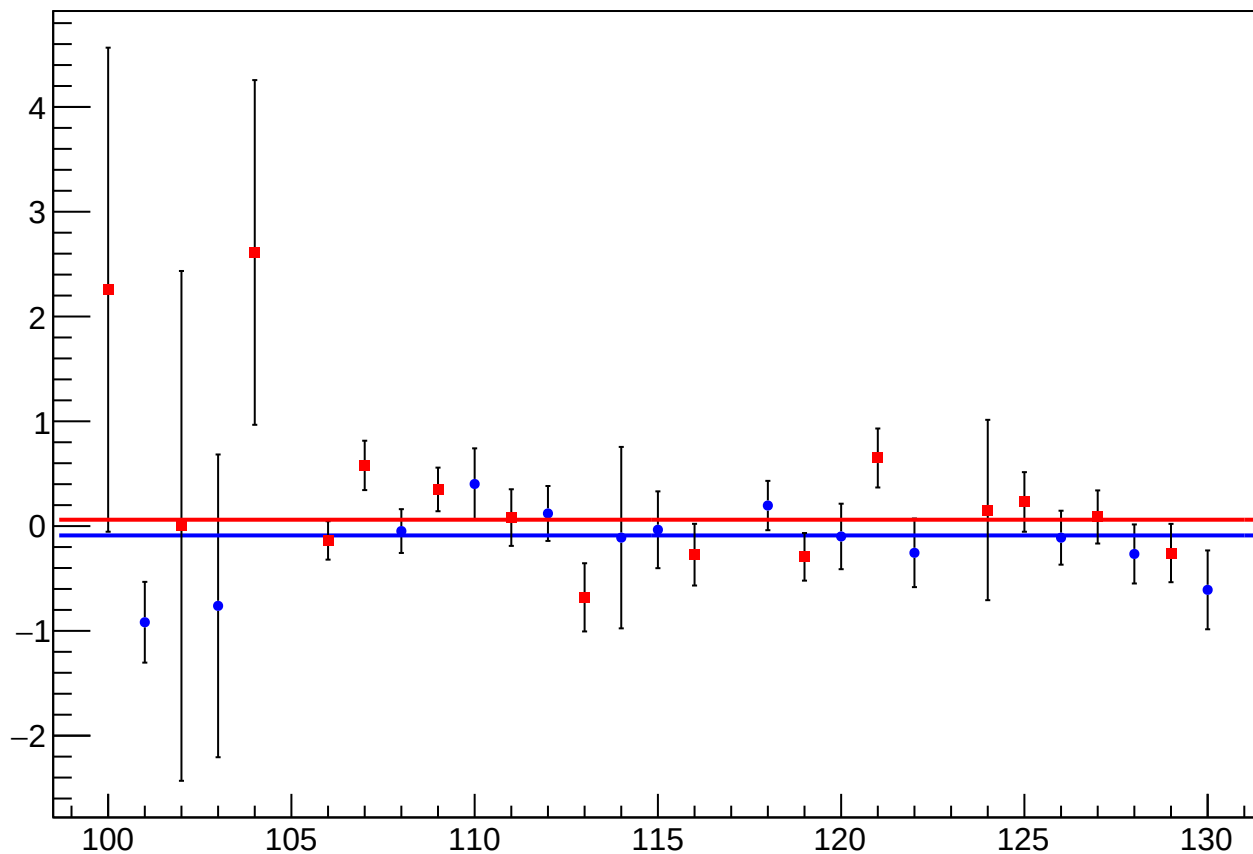
Right: 0.000+/-0.000 χ^2/NDF : 2251644.1/27

In: 0.000+/-0.000 χ^2/NDF : 739607.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2251644.1/27

asym_atr_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.089+/-0.086 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.061+/-0.074 χ^2/NDF : 26.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

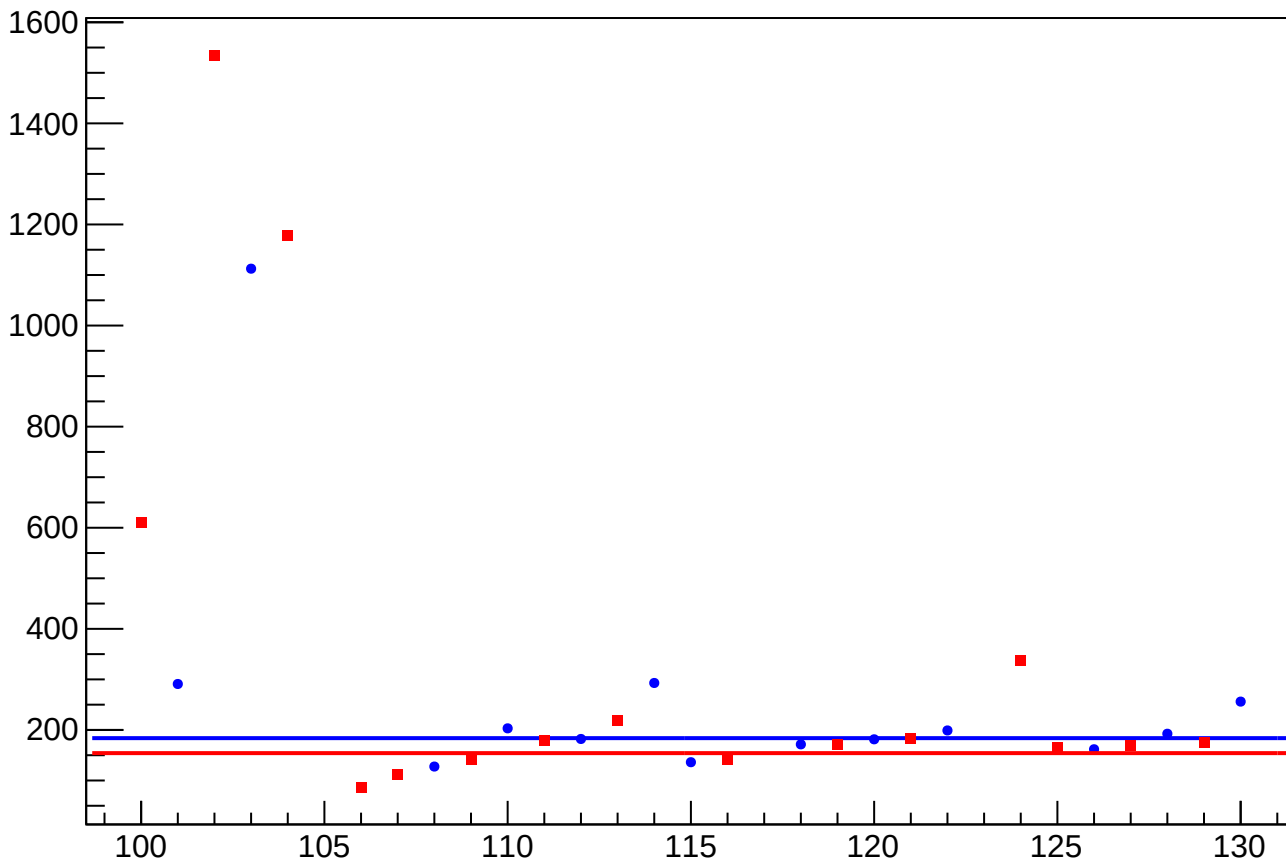
Right: -0.003+/-0.056 χ^2/NDF : 39.6/27

In: -0.089+/-0.086 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.003+/-0.056 χ^2/NDF : 39.6/27

asym_atr_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 183.782 $\pm$ 0.061 χ^2 /NDF: 1298129.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 154.142 $\pm$ 0.053 χ^2 /NDF: 2090659.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

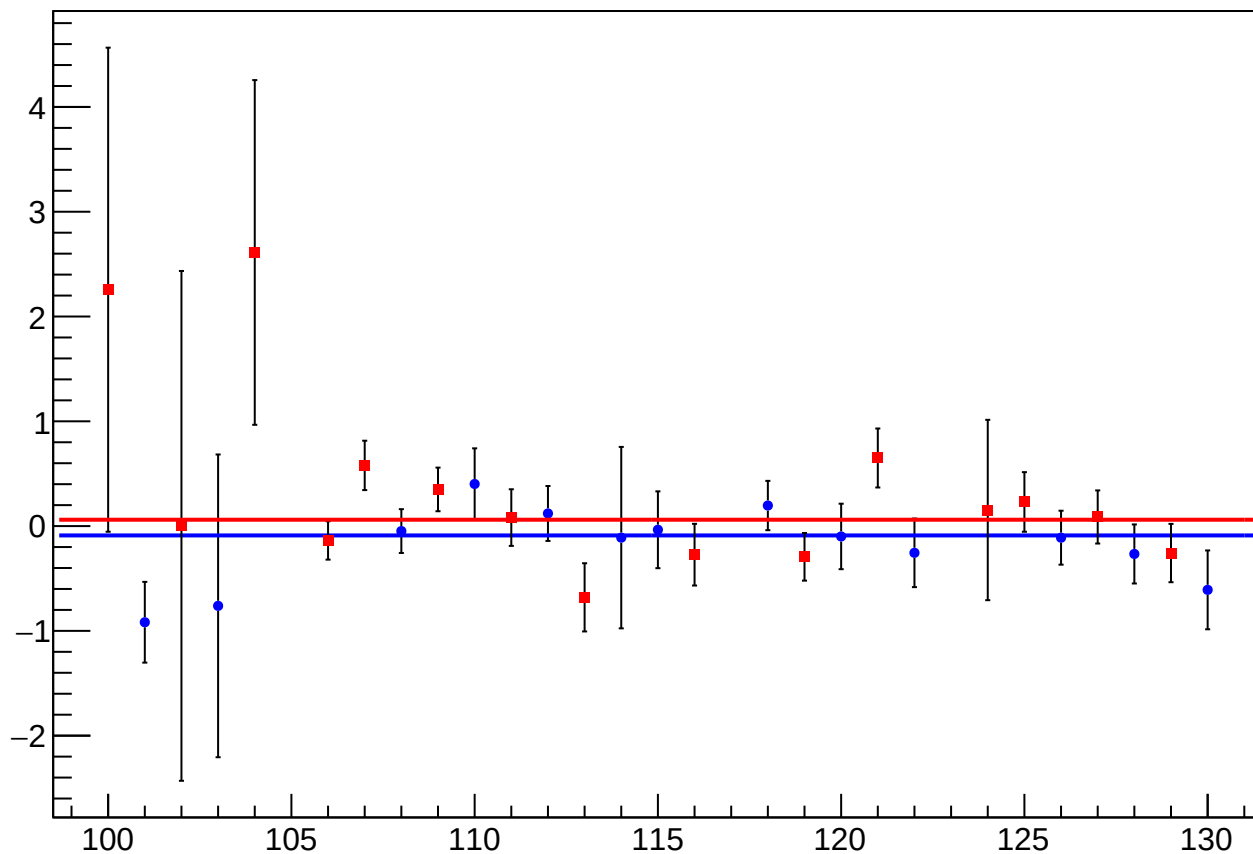
Right: 166.795 $\pm$ 0.040 χ^2 /NDF: 3524189.5/27

In: 183.782 $\pm$ 0.061 χ^2 /NDF:1298129.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 166.795 $\pm$ 0.040 χ^2 /NDF: 3524189.5/27

asym_atr_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.089 $\pm$ 0.086 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.061 $\pm$ 0.074 χ^2 /NDF: 26.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

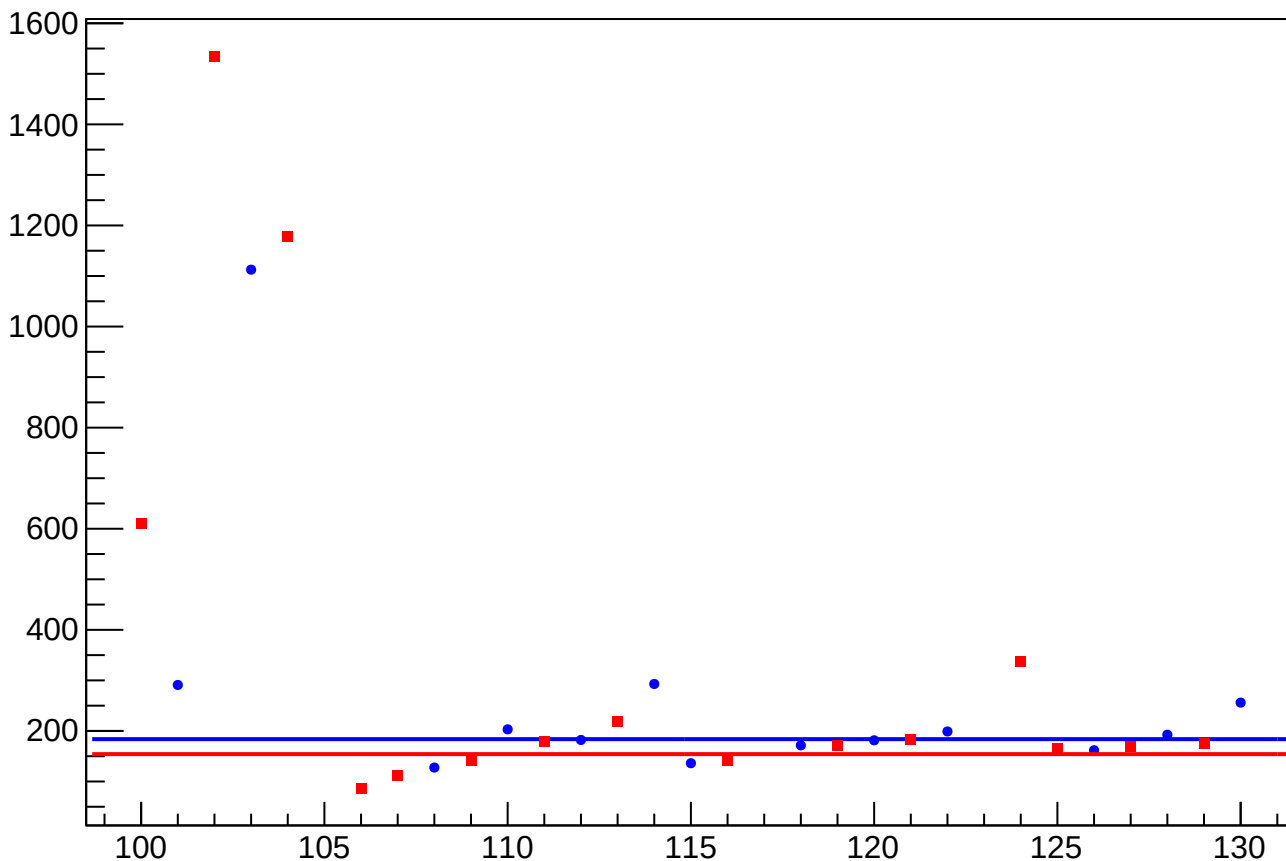
Right: -0.003 $\pm$ 0.056 χ^2 /NDF: 39.6/27

In: -0.089 $\pm$ 0.086 χ^2 /NDF:11.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.003 $\pm$ 0.056 χ^2 /NDF: 39.6/27

asym_atr_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 183.782+/-0.061 χ^2/NDF : 1298129.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.142+/-0.053 χ^2/NDF : 2090659.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

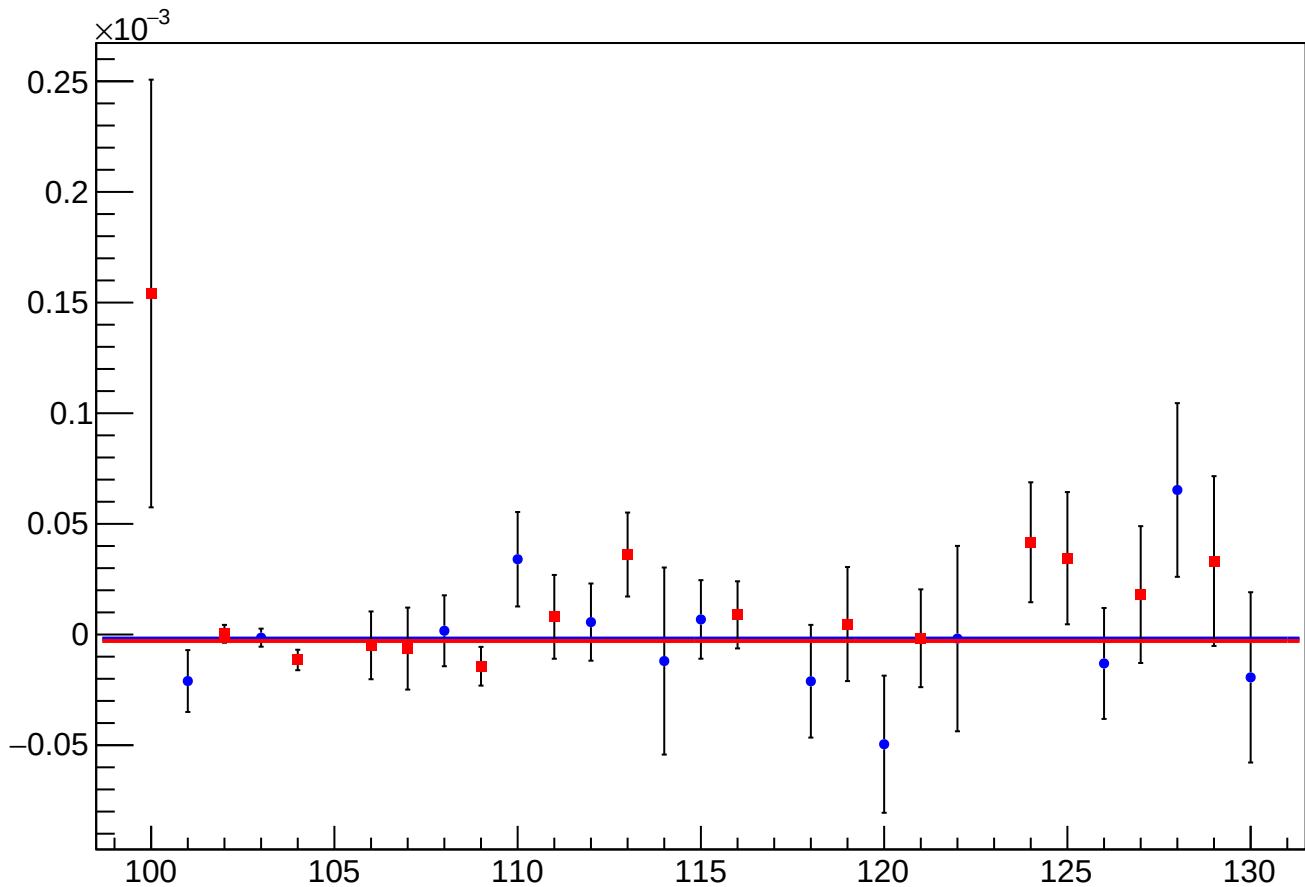
Right: 166.795+/-0.040 χ^2/NDF : 3524189.5/27

In: 183.782+/-0.061 χ^2/NDF : 1298129.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.795+/-0.040 χ^2/NDF : 3524189.5/27

asym_atr_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 11.5/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 19.4/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

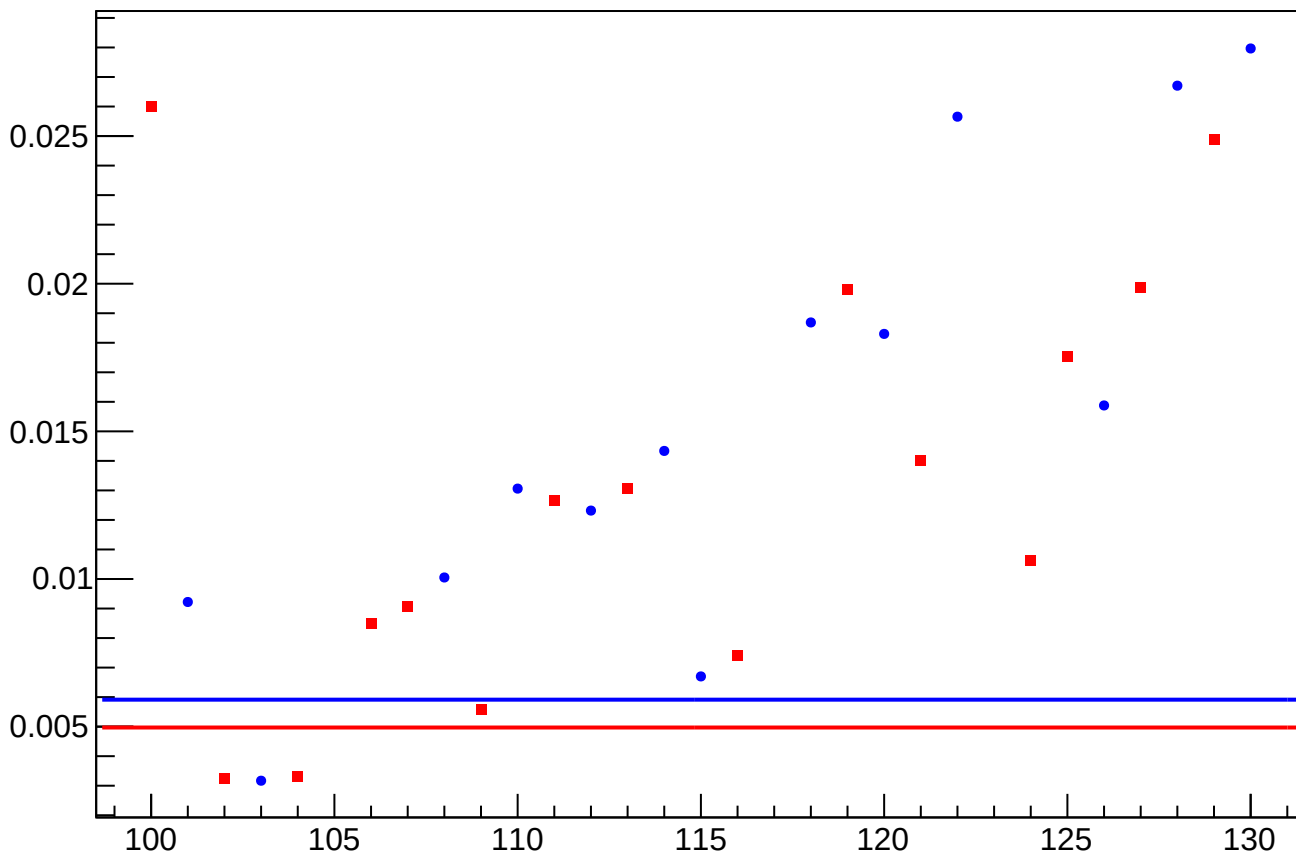
Right: -0.000+/-0.000 χ^2 /NDF: 31.0/27

In: -0.000+/-0.000 χ^2 /NDF:11.5/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 31.0/27

asym_atr_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 4530463.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 4116949.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

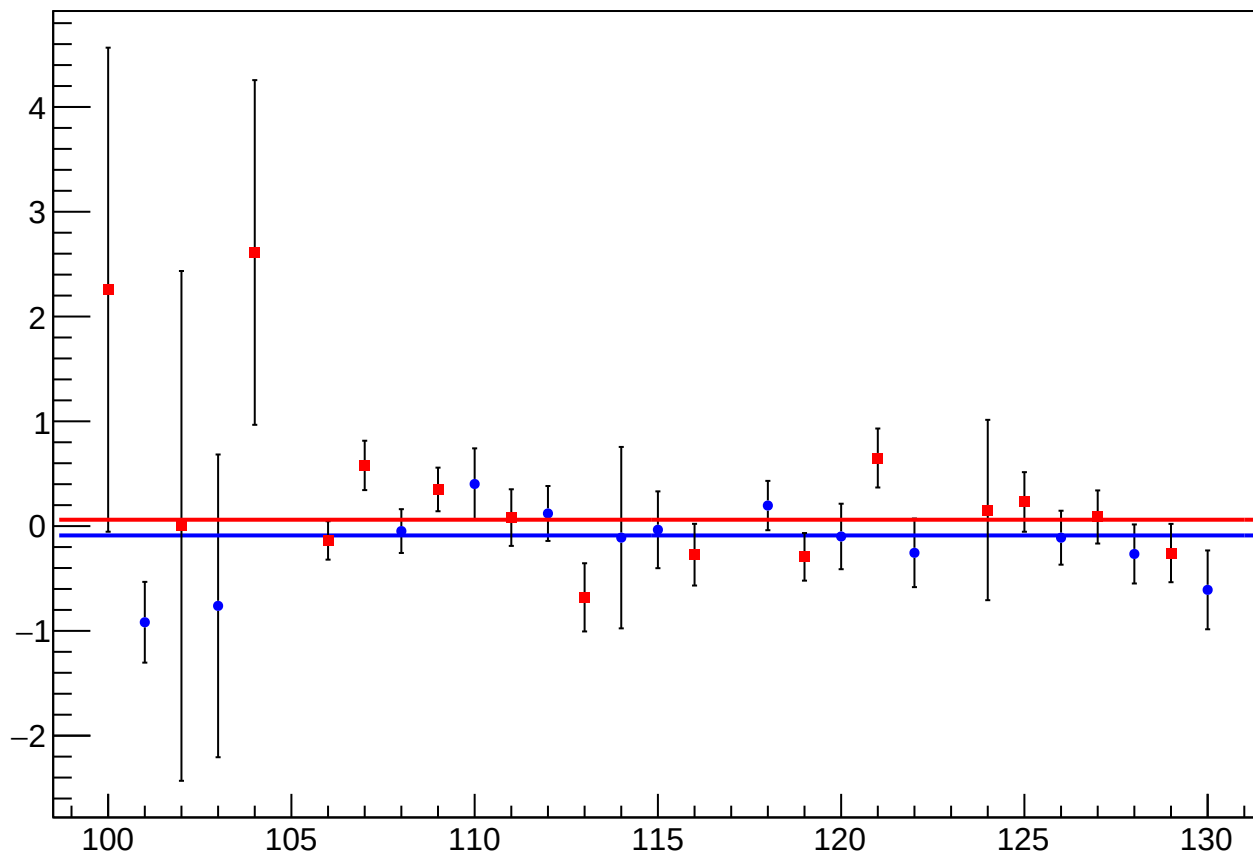
Right: 0.005+/-0.000 χ^2/NDF : 8742666.5/27

In: 0.006+/-0.000 χ^2/NDF :4530463.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 8742666.5/27

asym_atr_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.089+/-0.086 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.061+/-0.074 χ^2/NDF : 26.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

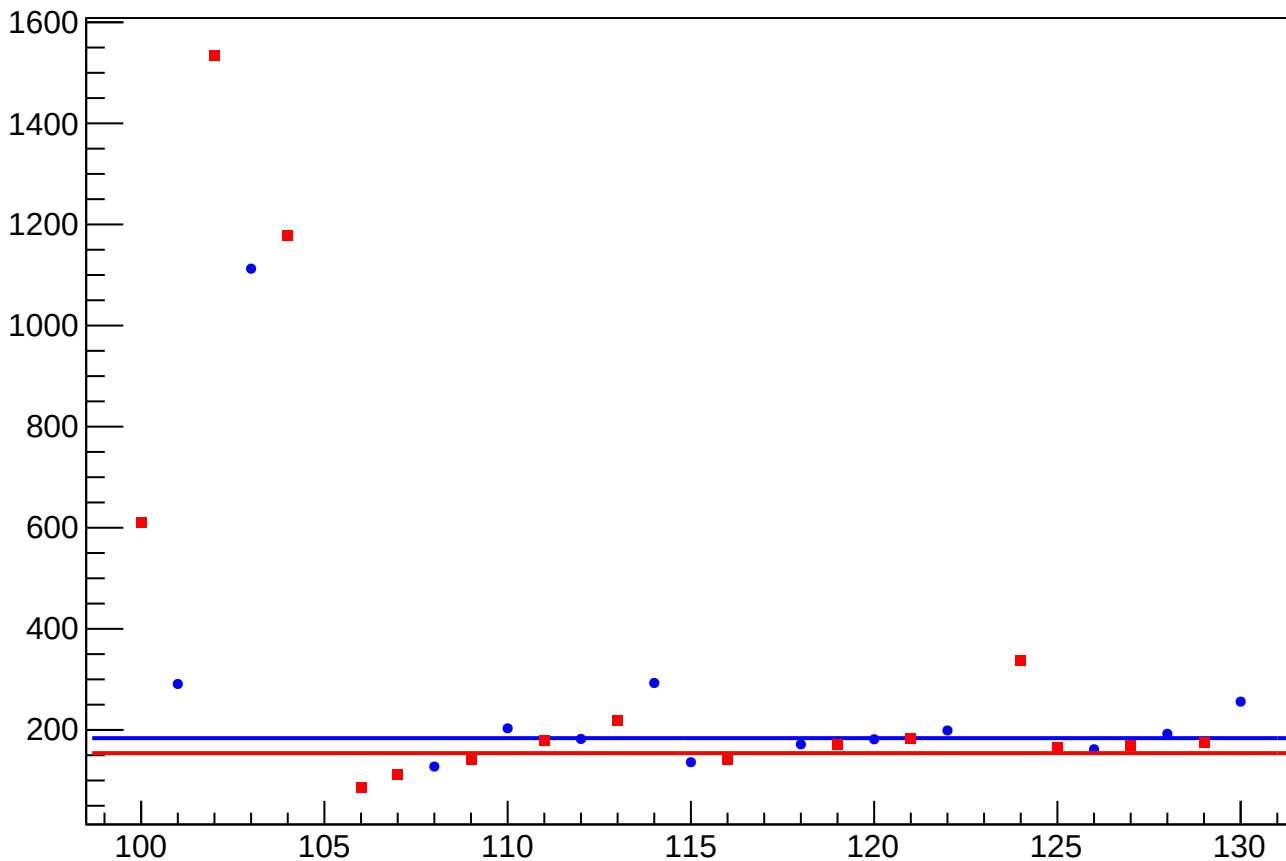
Right: -0.003+/-0.056 χ^2/NDF : 39.6/27

In: -0.089+/-0.086 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.003+/-0.056 χ^2/NDF : 39.6/27

asym_atr_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 183.781+/-0.061 χ^2/NDF : 1298107.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.141+/-0.053 χ^2/NDF : 2090633.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

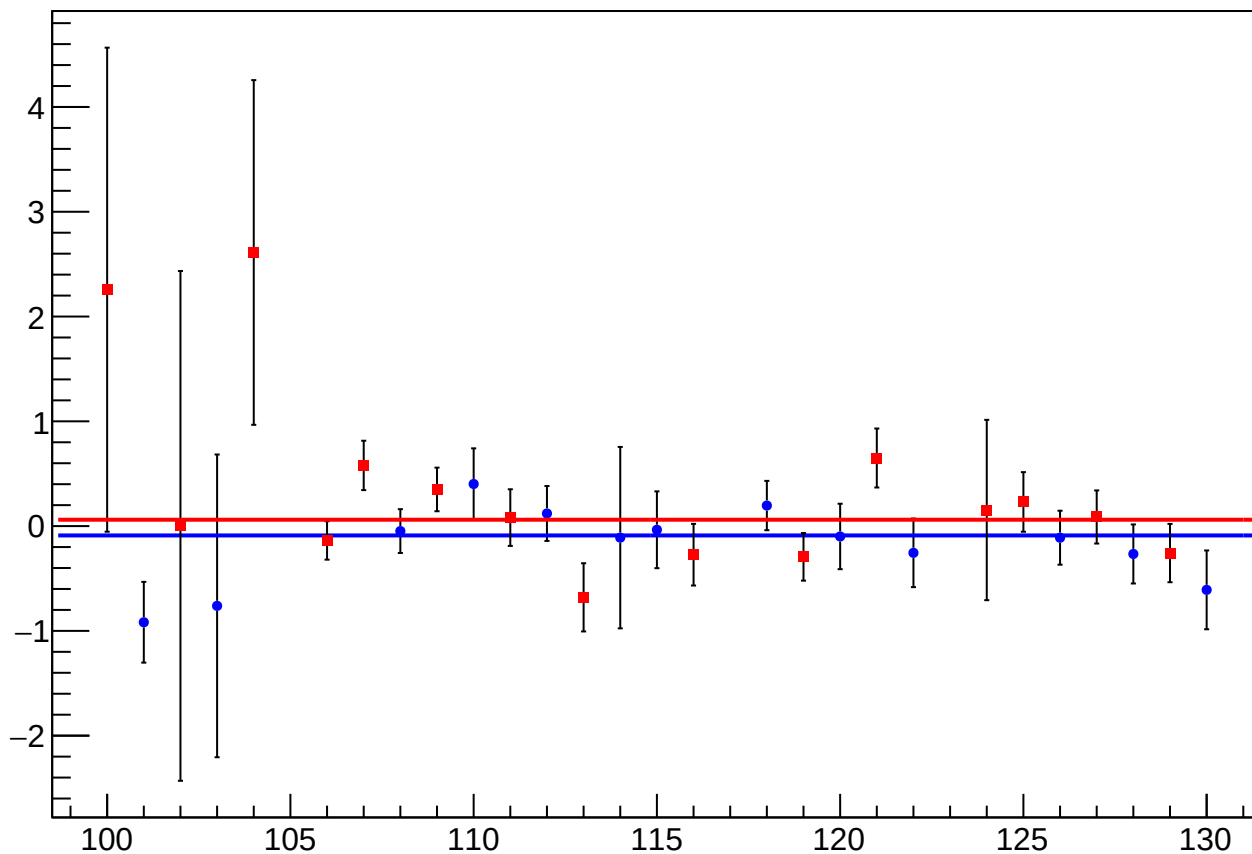
Right: 166.794+/-0.040 χ^2/NDF : 3524137.0/27

In: 183.781+/-0.061 χ^2/NDF : 1298107.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.794+/-0.040 χ^2/NDF : 3524137.0/27

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.089+/-0.086 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.061+/-0.074 χ^2/NDF : 26.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

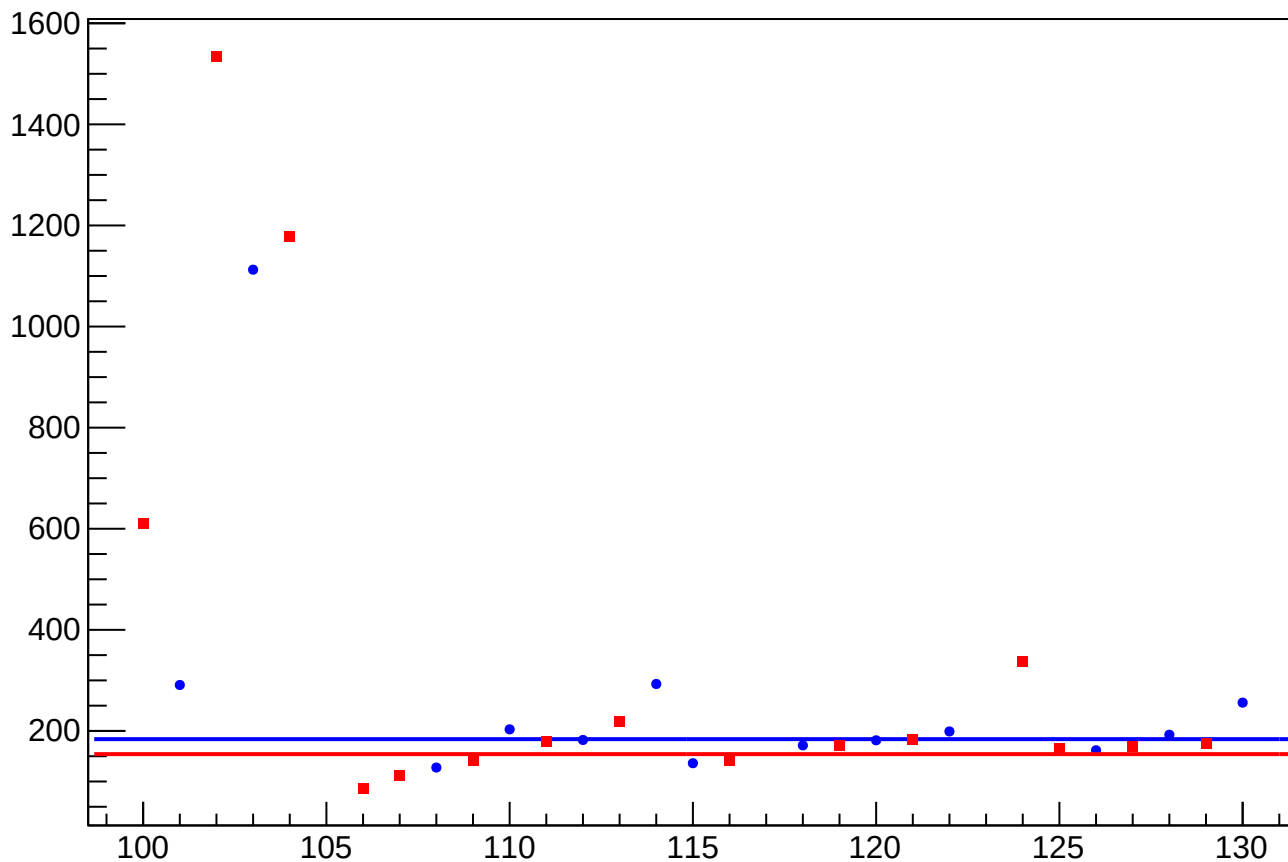
Right: -0.003+/-0.056 χ^2/NDF : 39.6/27

In: -0.089+/-0.086 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.003+/-0.056 χ^2/NDF : 39.6/27

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 183.781+/-0.061 χ^2/NDF : 1298107.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 154.141+/-0.053 χ^2/NDF : 2090633.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

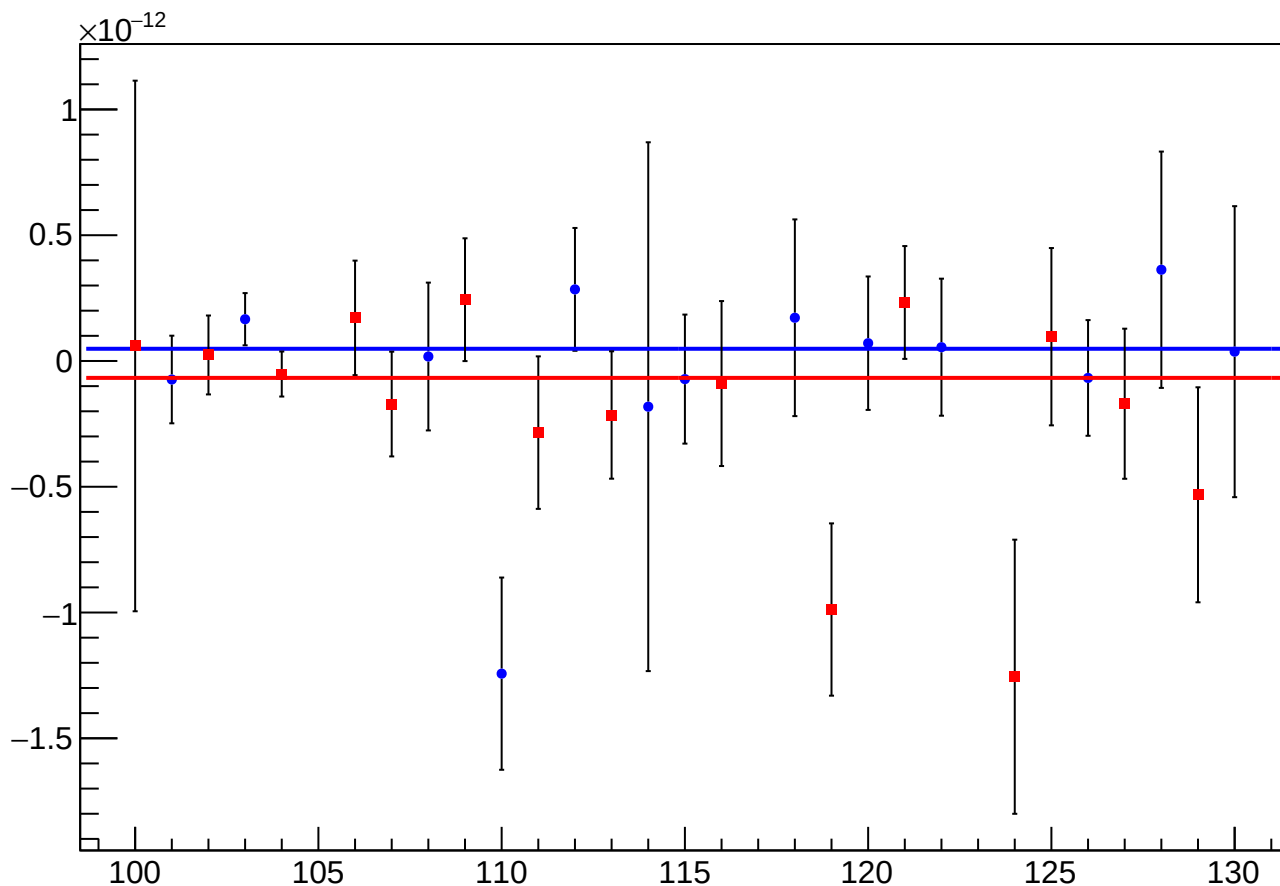
Right: 166.794+/-0.040 χ^2/NDF : 3524137.0/27

In: 183.781+/-0.061 χ^2/NDF :1298107.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 166.794+/-0.040 χ^2/NDF : 3524137.0/27

asym_atr_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 19.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

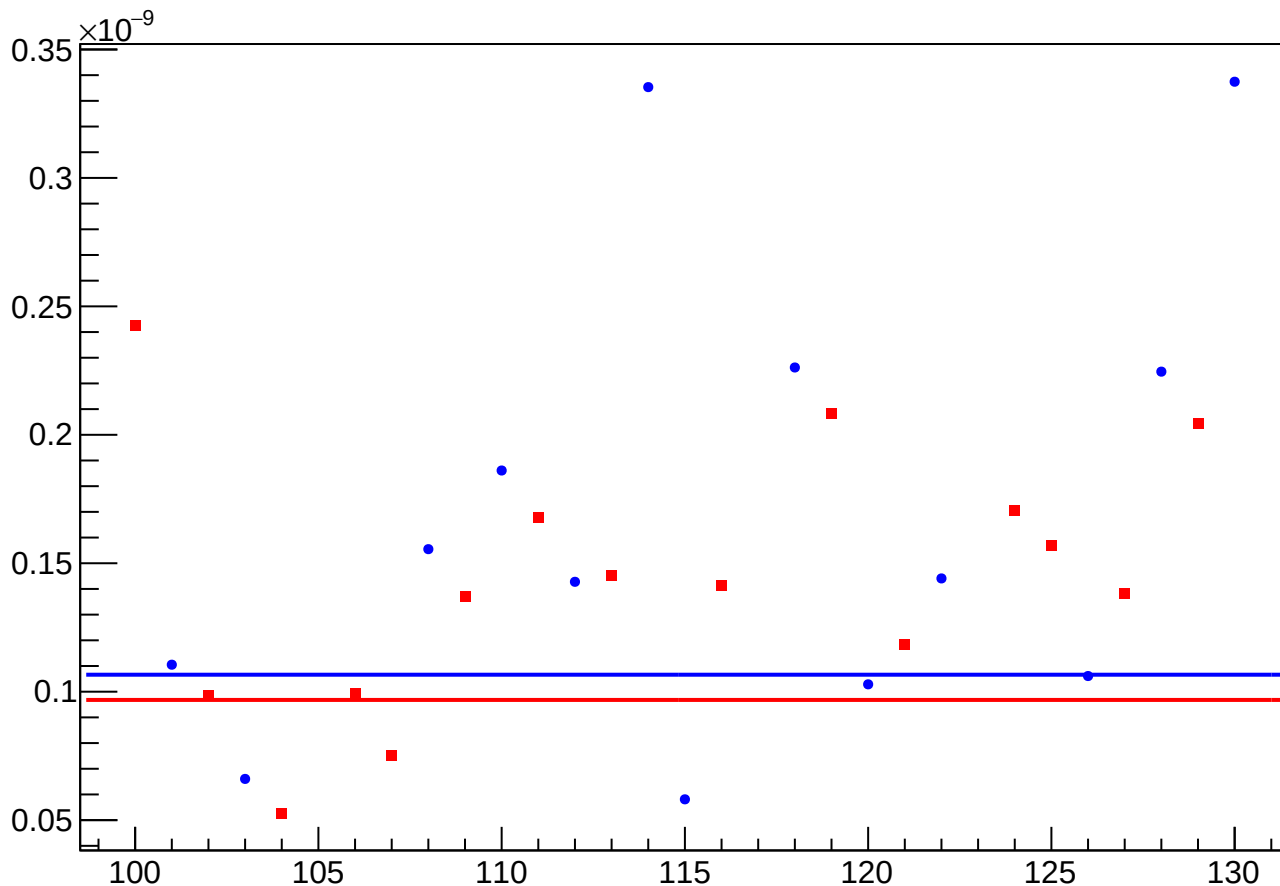
Right: -0.000+/-0.000 χ^2/NDF : 36.5/27

In: 0.000+/-0.000 χ^2/NDF : 15.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 36.5/27

asym_atr_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1328302.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1313978.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

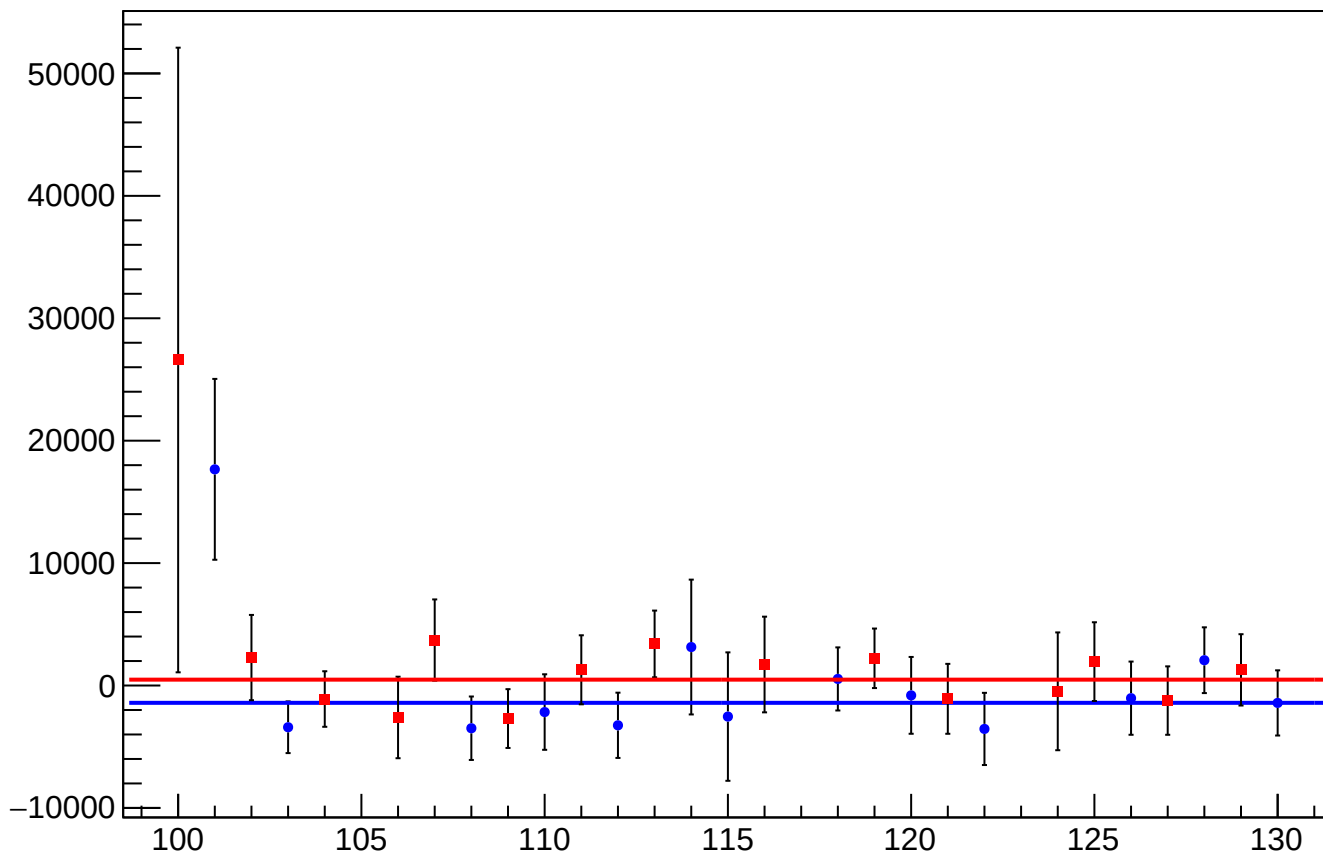
Right: 0.000+/-0.000 χ^2/NDF : 2668502.9/27

In: 0.000+/-0.000 χ^2/NDF : 1328302.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2668502.9/27

reg_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1414.144+/-826.166 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 479.328+/-781.764 χ^2/NDF : 8.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

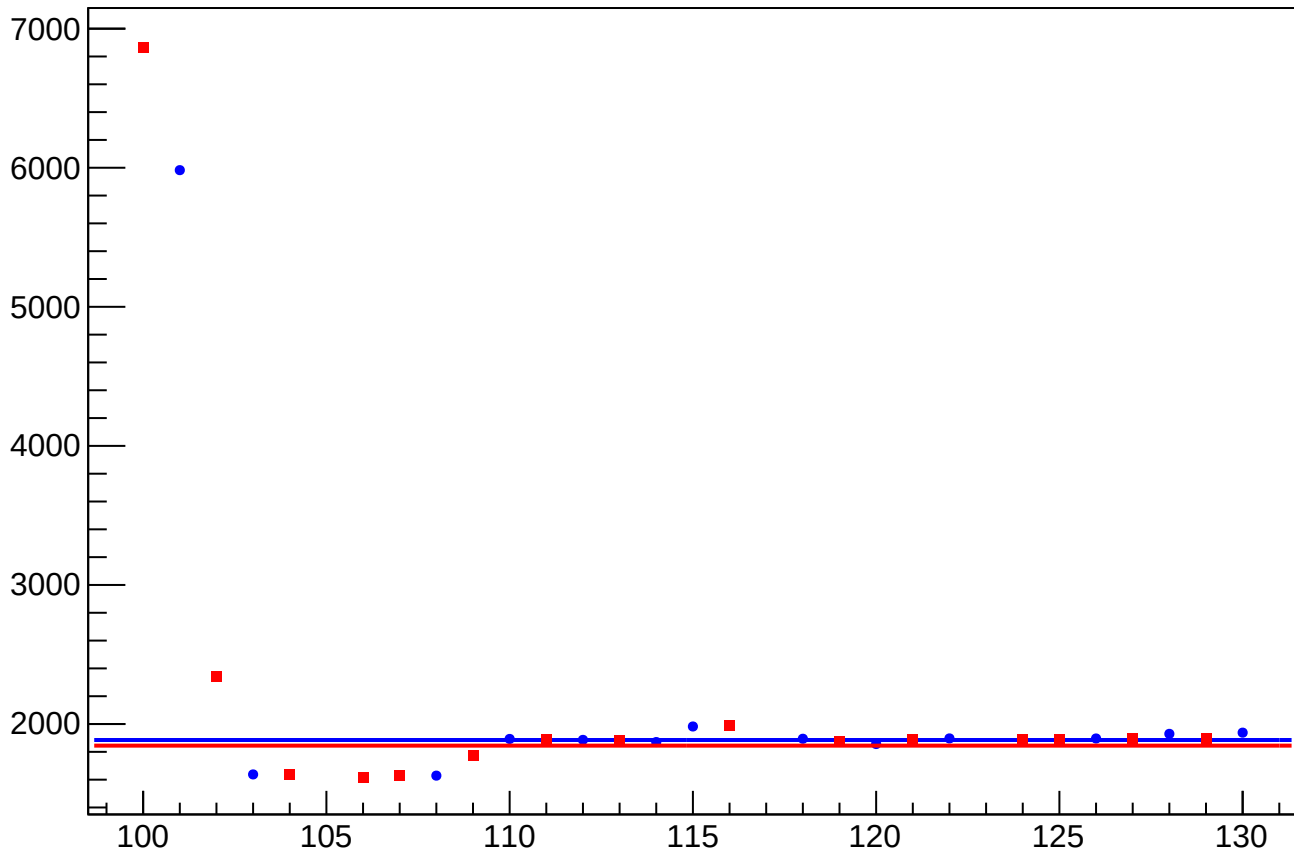
Right: -415.161+/-567.839 χ^2/NDF : 23.3/27

In: -1414.144+/-826.166 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -415.161+/-567.839 χ^2/NDF : 23.3/27

reg_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1885.144+/-0.584 χ^2/NDF : 664689.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1844.660+/-0.550 χ^2/NDF : 163086.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

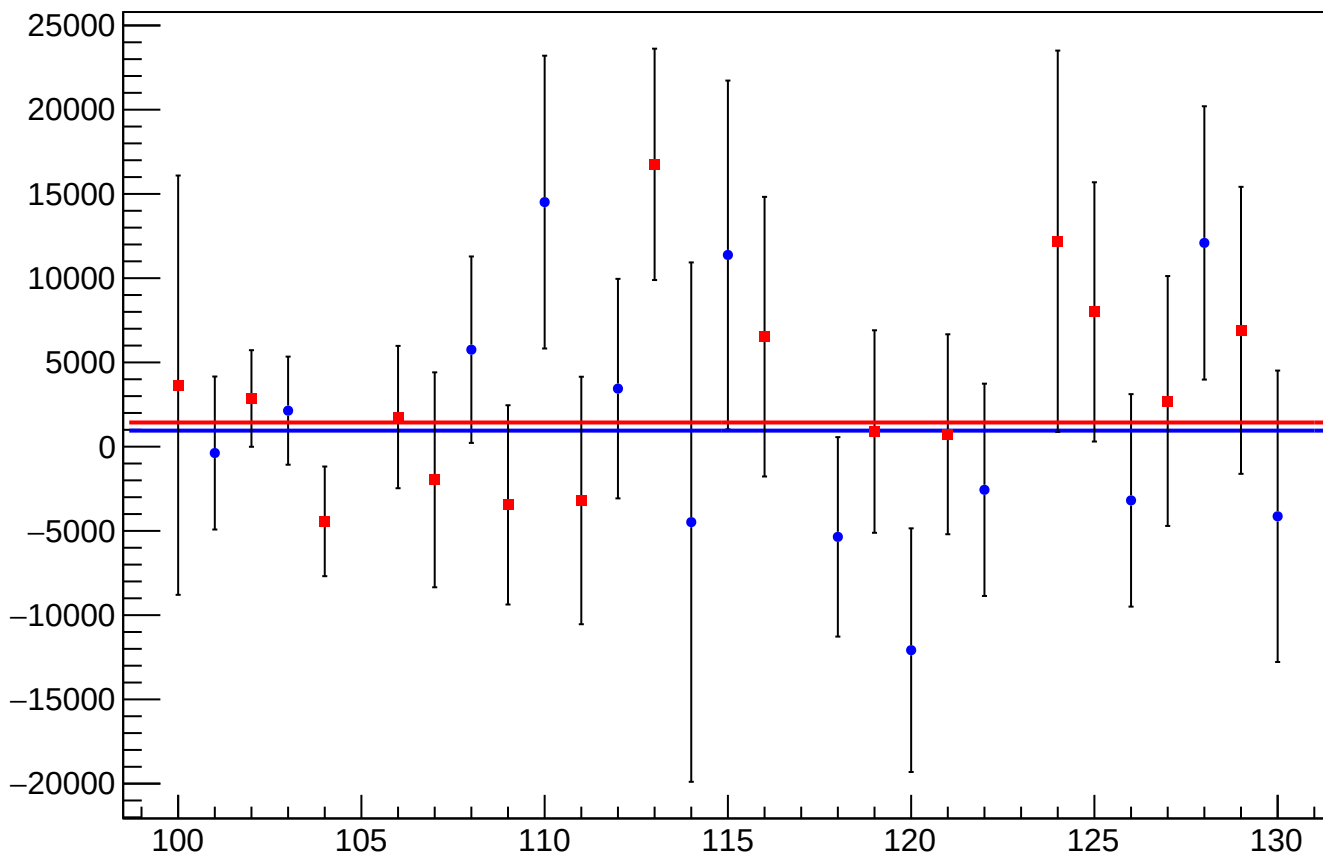
Right: 1863.700+/-0.401 χ^2/NDF : 830319.9/27

In: 1885.144+/-0.584 χ^2/NDF : 664689.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1863.700+/-0.401 χ^2/NDF : 830319.9/27

asym_atr_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 951.862 $\pm$ 1677.713 χ^2 /NDF: 12.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1435.106 $\pm$ 1415.868 χ^2 /NDF: 12.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

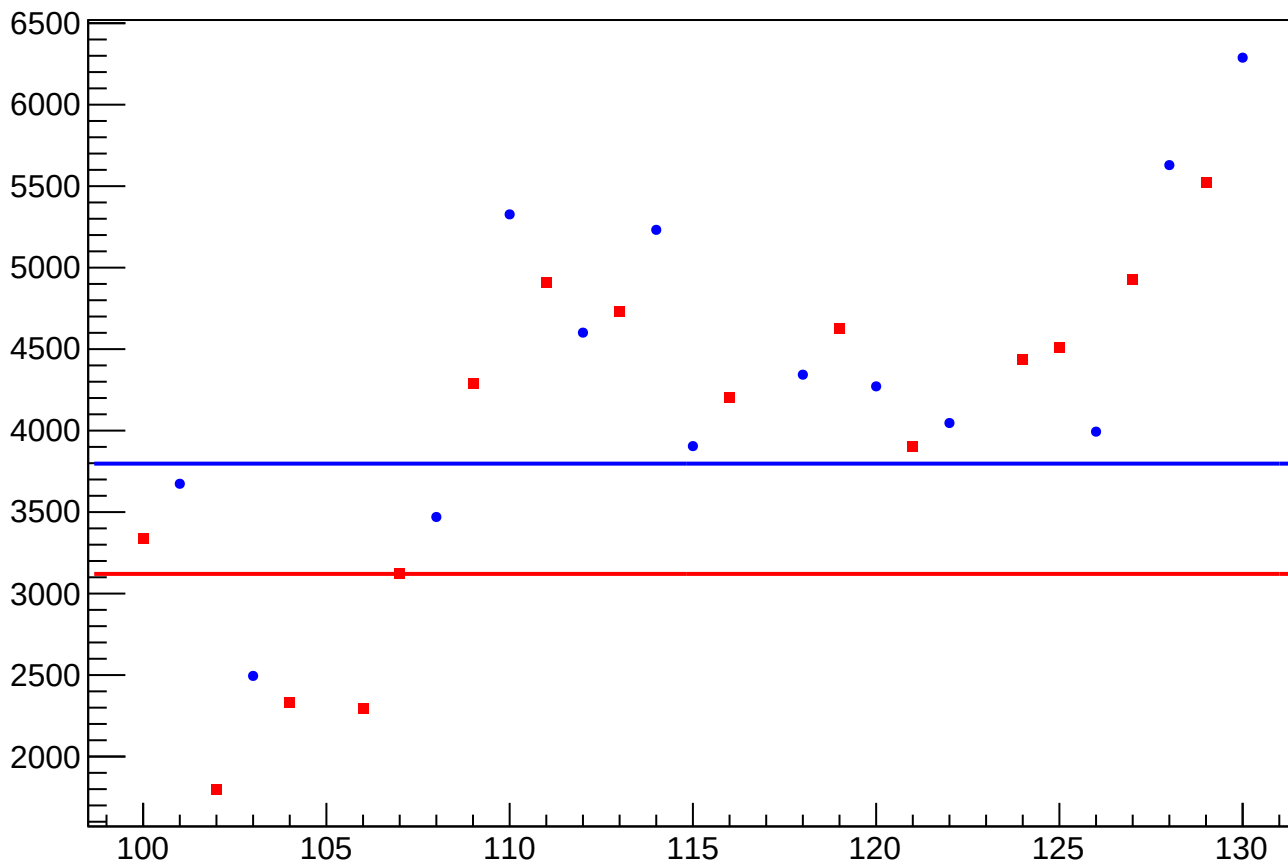
Right: 1234.096 $\pm$ 1082.041 χ^2 /NDF: 24.5/27

In: 951.862 $\pm$ 1677.713 χ^2 /NDF:12.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1234.096 $\pm$ 1082.041 χ^2 /NDF: 24.5/27

asym_atr_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3797.388+/-1.186 χ^2/NDF : 746765.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3120.725+/-1.001 χ^2/NDF : 1489424.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

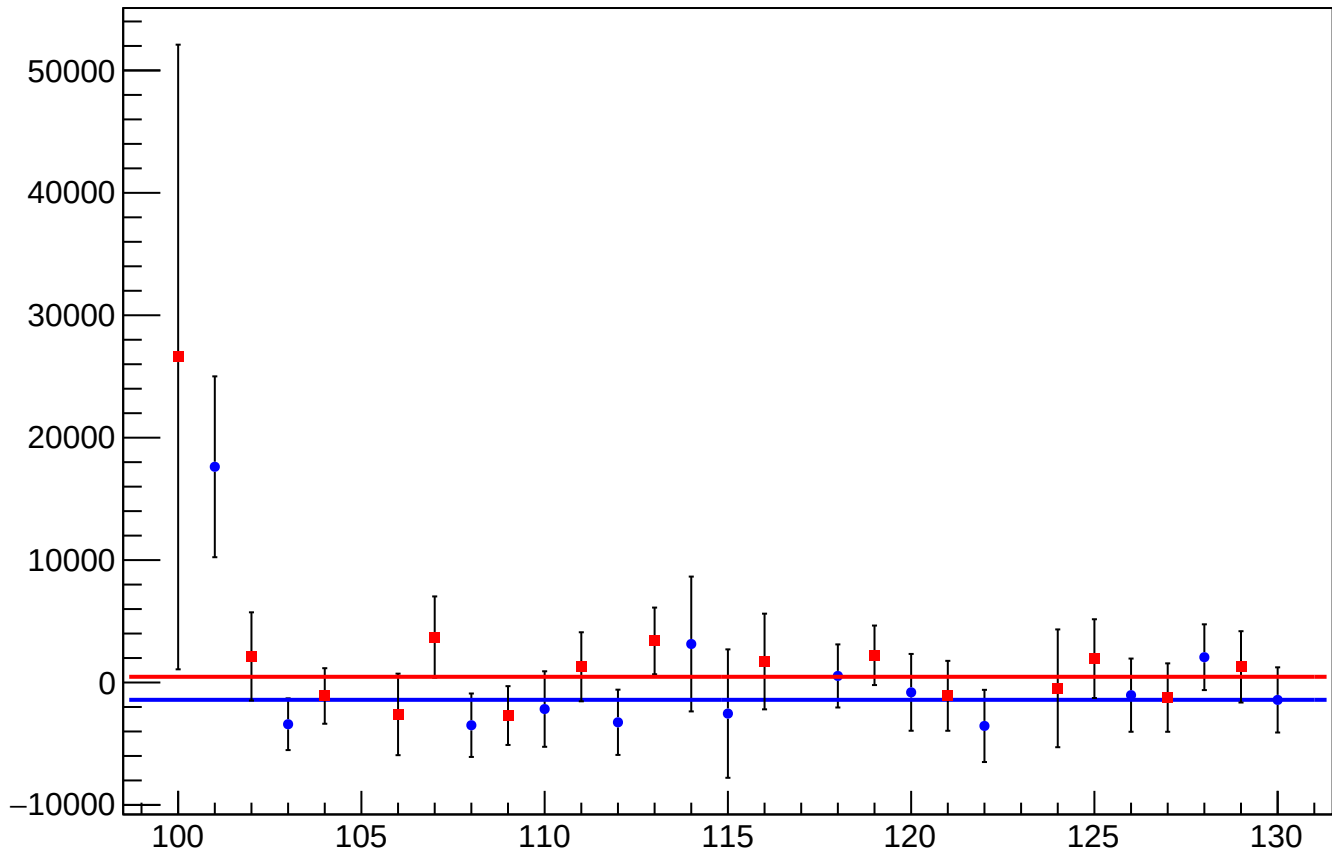
Right: 3402.190+/-0.765 χ^2/NDF : 2426202.4/27

In: 3797.388+/-1.186 χ^2/NDF : 746765.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3402.190+/-0.765 χ^2/NDF : 2426202.4/27

cor_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1414.585+/-826.166 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 466.824+/-783.070 χ^2/NDF : 8.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

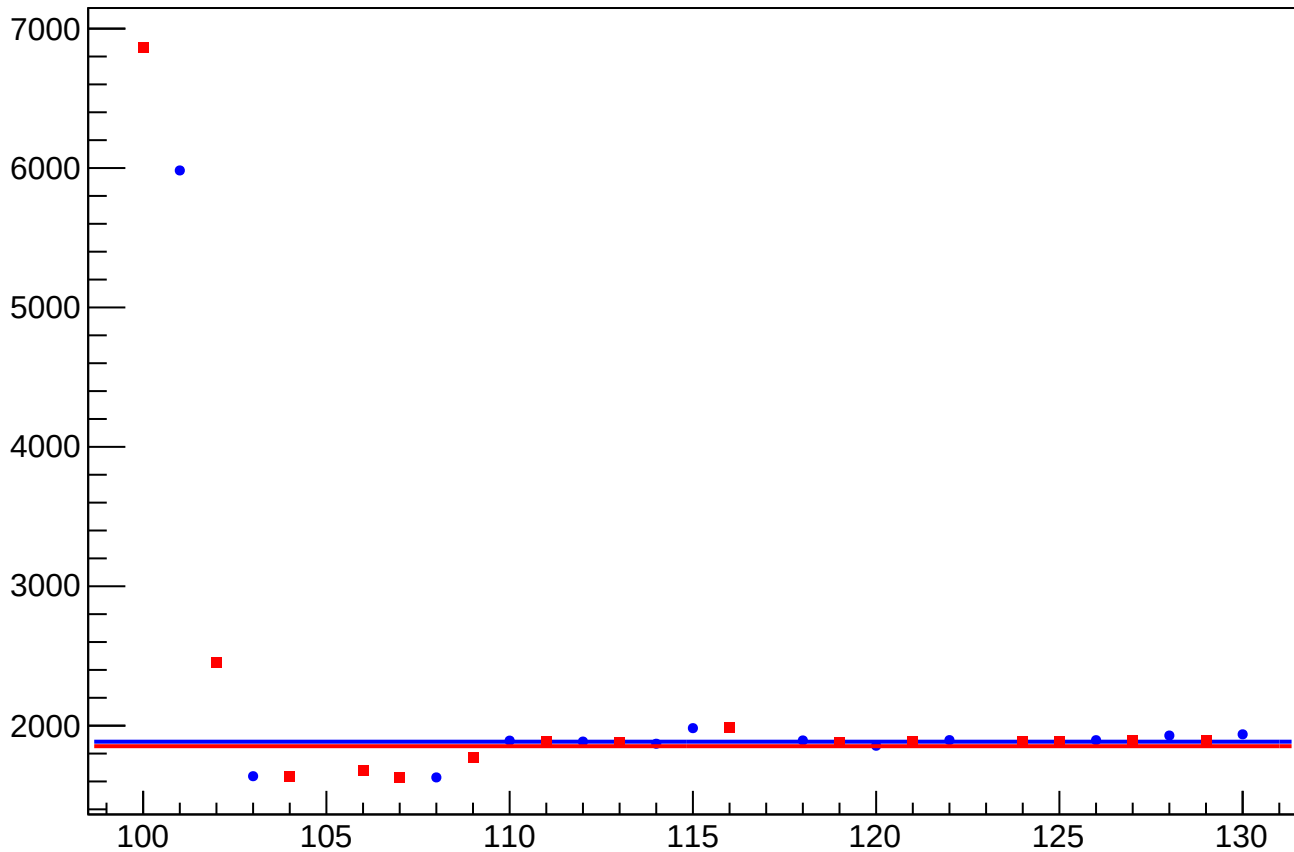
Right: -423.532+/-568.339 χ^2/NDF : 23.1/27

In: -1414.585+/-826.166 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -423.532+/-568.339 χ^2/NDF : 23.1/27

cor_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1885.143+/-0.584 χ^2/NDF : 664689.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1852.788+/-0.553 χ^2/NDF : 173559.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

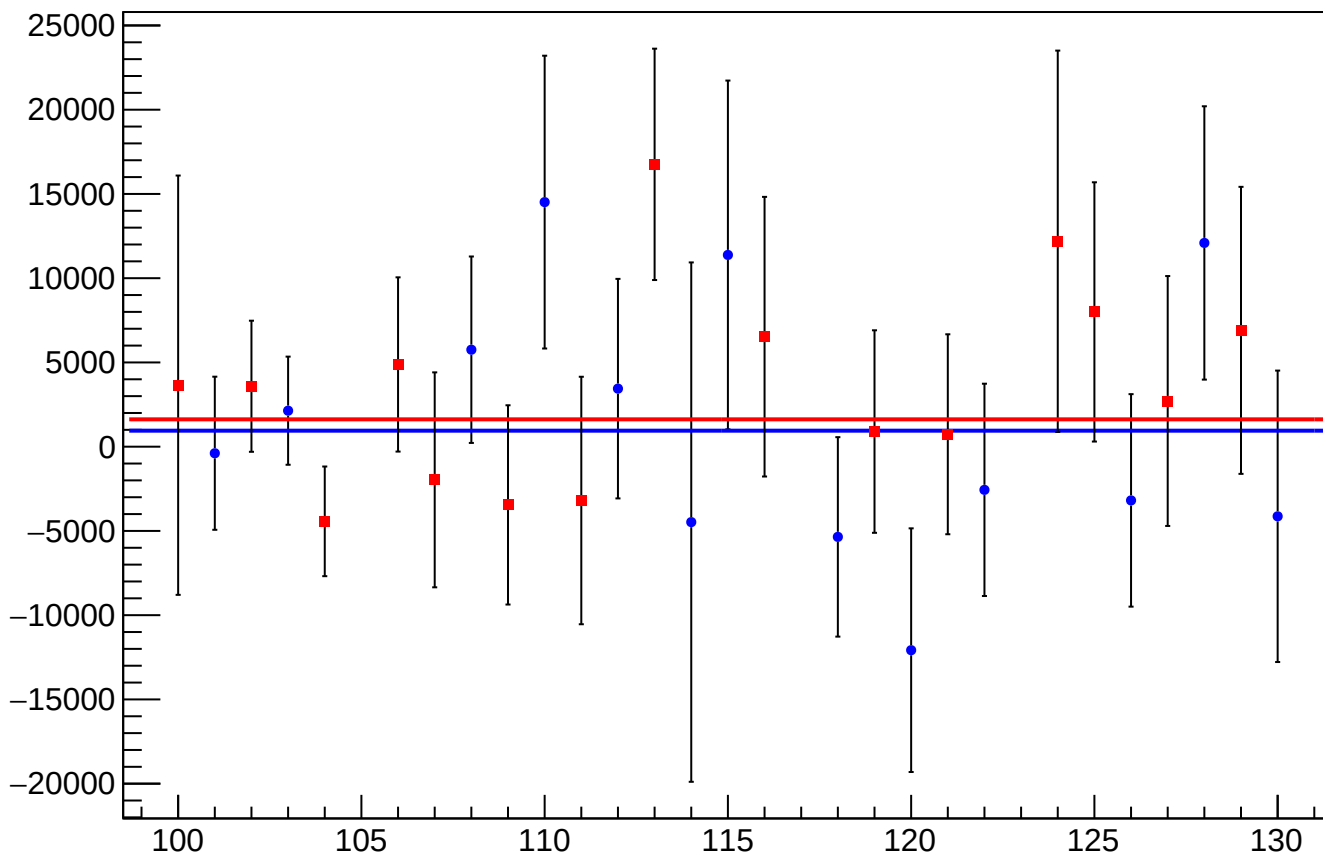
Right: 1868.069+/-0.401 χ^2/NDF : 839868.0/27

In: 1885.143+/-0.584 χ^2/NDF : 664689.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1868.069+/-0.401 χ^2/NDF : 839868.0/27

asym_atr_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 950.228+/-1677.965 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1623.057+/-1534.695 χ^2/NDF : 12.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

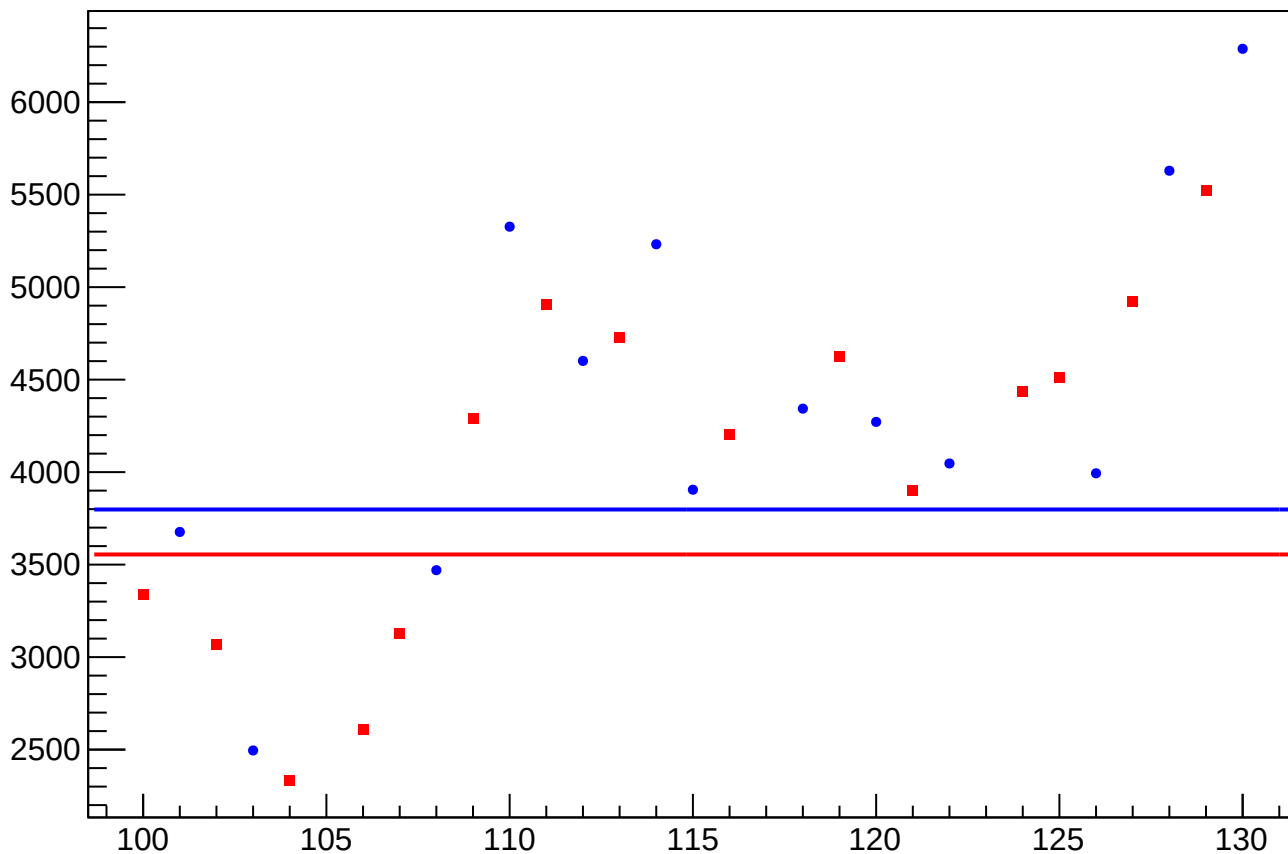
Right: 1316.588+/-1132.463 χ^2/NDF : 25.0/27

In: 950.228+/-1677.965 χ^2/NDF : 12.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1316.588+/-1132.463 χ^2/NDF : 25.0/27

asym_atr_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3798.052+/-1.187 χ^2/NDF : 746337.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3554.845+/-1.085 χ^2/NDF : 847687.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

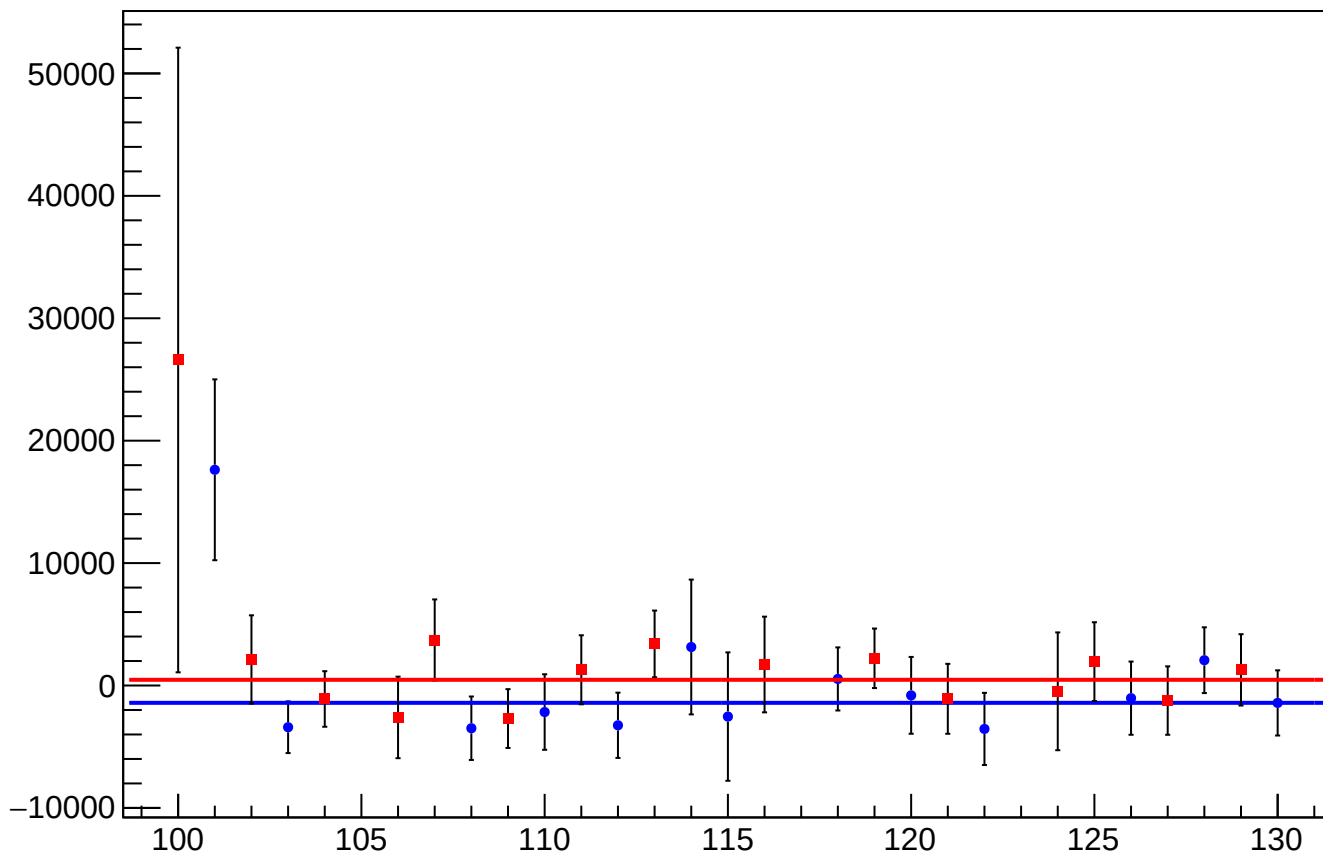
Right: 3665.624+/-0.801 χ^2/NDF : 1616903.6/27

In: 3798.052+/-1.187 χ^2/NDF : 746337.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3665.624+/-0.801 χ^2/NDF : 1616903.6/27

eigen_cor_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1414.585+/-826.166 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 466.824+/-783.070 χ^2/NDF : 8.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

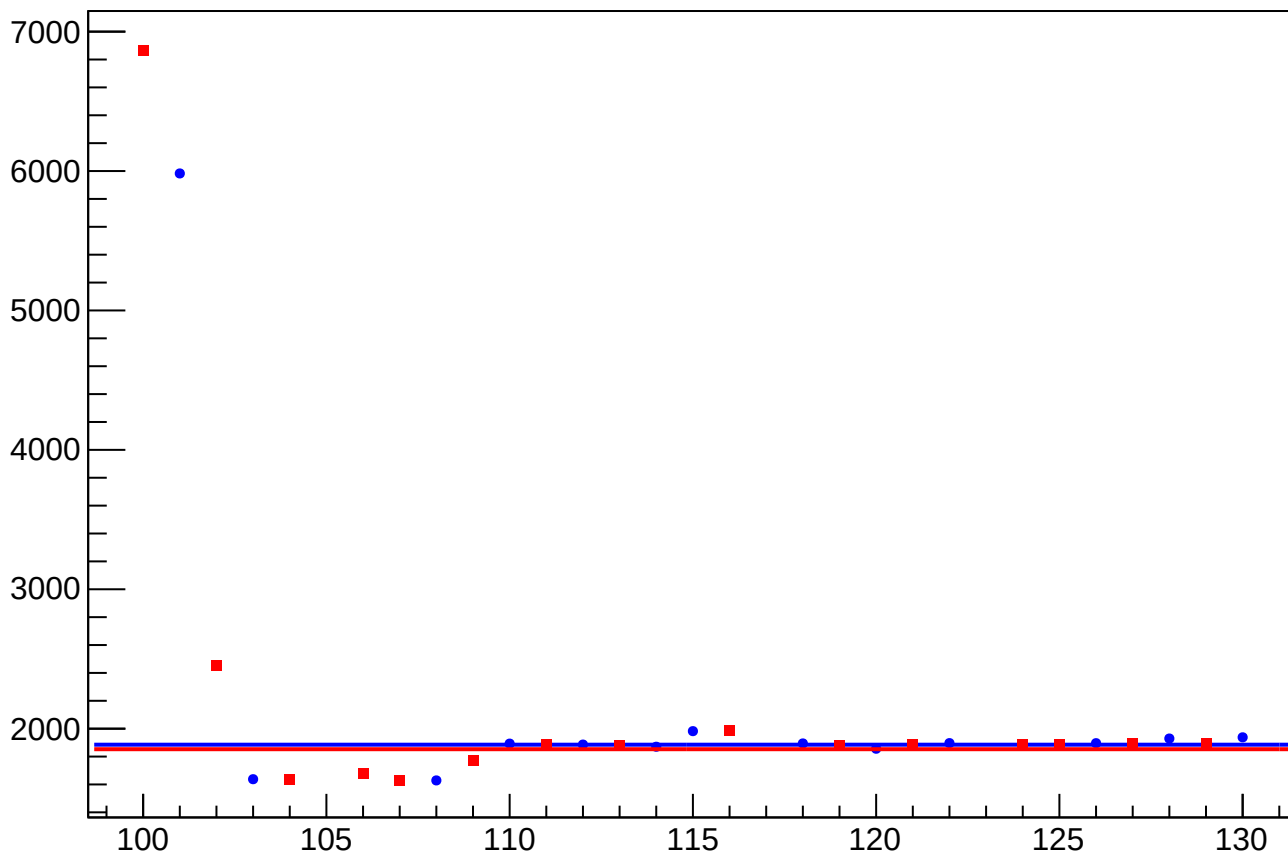
Right: -423.532+/-568.339 χ^2/NDF : 23.1/27

In: -1414.585+/-826.166 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -423.532+/-568.339 χ^2/NDF : 23.1/27

eigen_cor_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1885.143+/-0.584 χ^2/NDF : 664689.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1852.788+/-0.553 χ^2/NDF : 173559.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

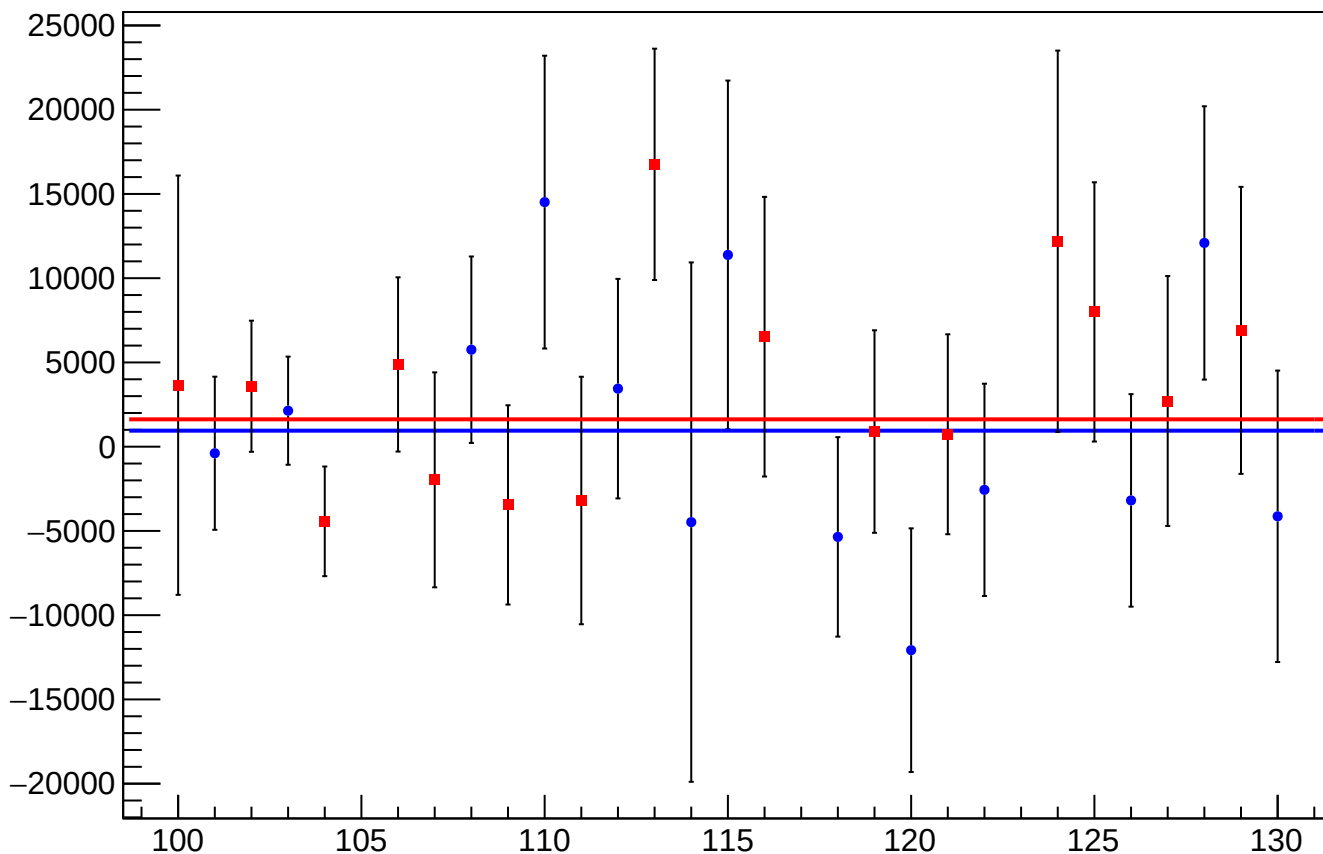
Right: 1868.069+/-0.401 χ^2/NDF : 839868.0/27

In: 1885.143+/-0.584 χ^2/NDF : 664689.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1868.069+/-0.401 χ^2/NDF : 839868.0/27

asym_atr_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 950.228+/-1677.965 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1623.057+/-1534.695 χ^2/NDF : 12.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

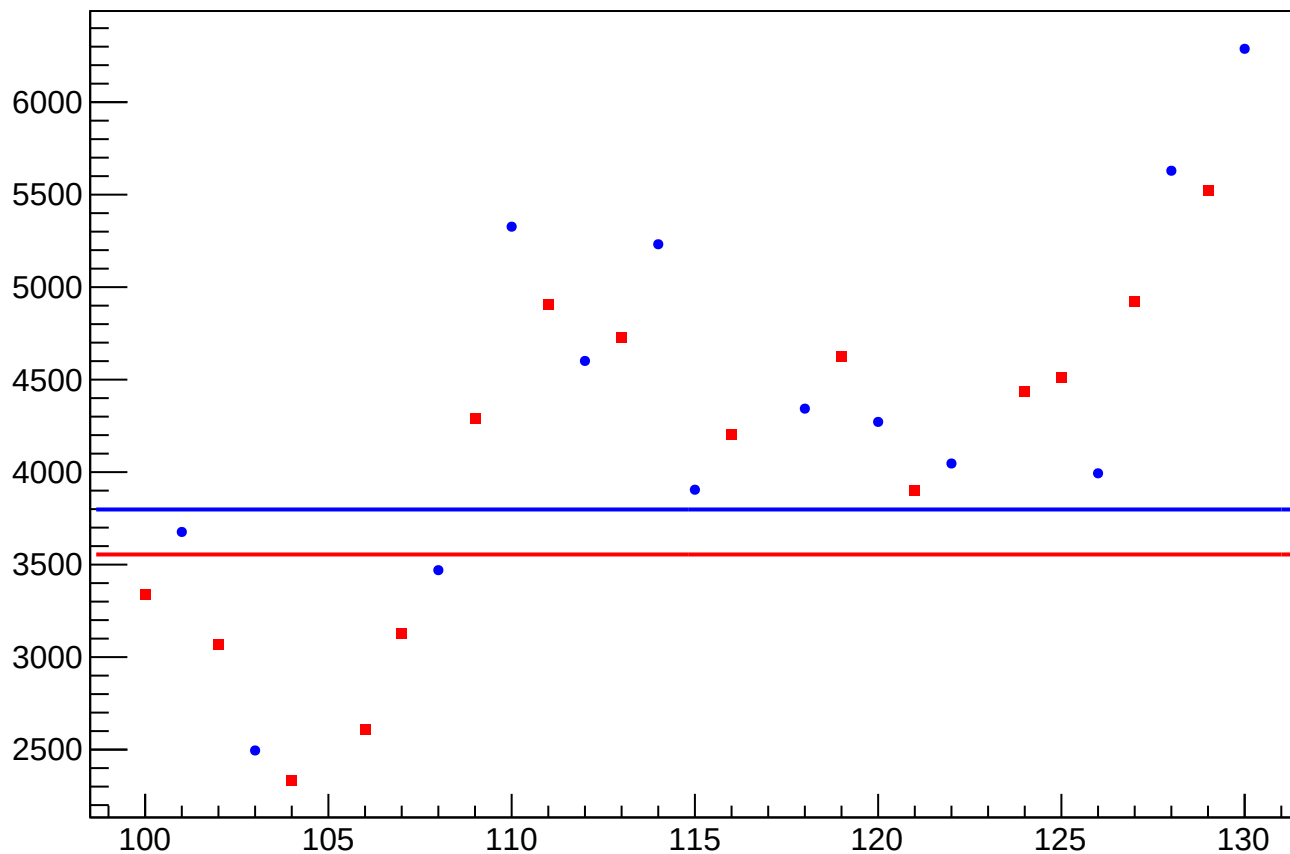
Right: 1316.588+/-1132.463 χ^2/NDF : 25.0/27

In: 950.228+/-1677.965 χ^2/NDF : 12.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1316.588+/-1132.463 χ^2/NDF : 25.0/27

asym_atr_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3798.052+/-1.187 χ^2/NDF : 746337.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3554.845+/-1.085 χ^2/NDF : 847687.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

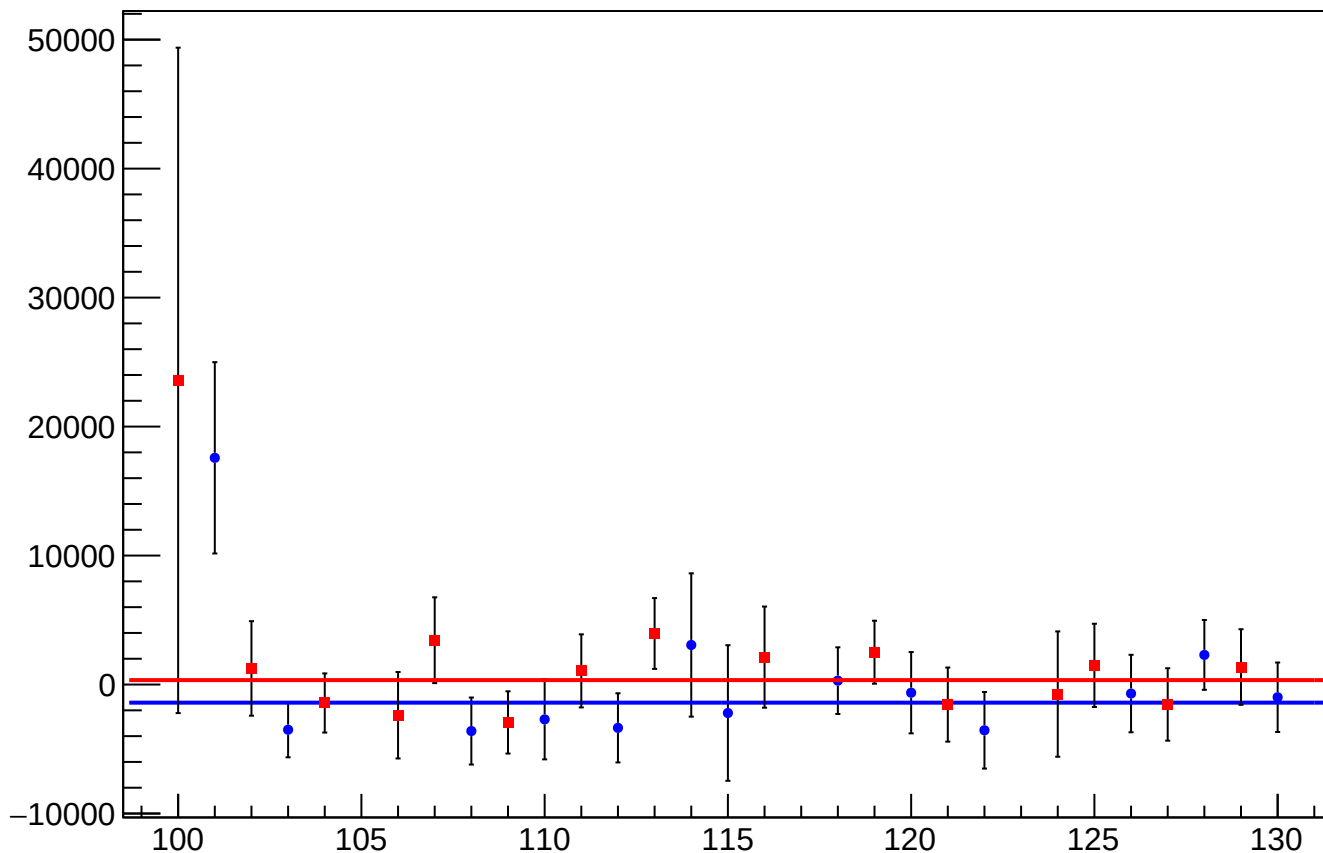
Right: 3665.624+/-0.801 χ^2/NDF : 1616903.6/27

In: 3798.052+/-1.187 χ^2/NDF : 746337.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3665.624+/-0.801 χ^2/NDF : 1616903.6/27

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1403.891+/-831.683 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 343.702+/-788.007 χ^2/NDF : 8.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

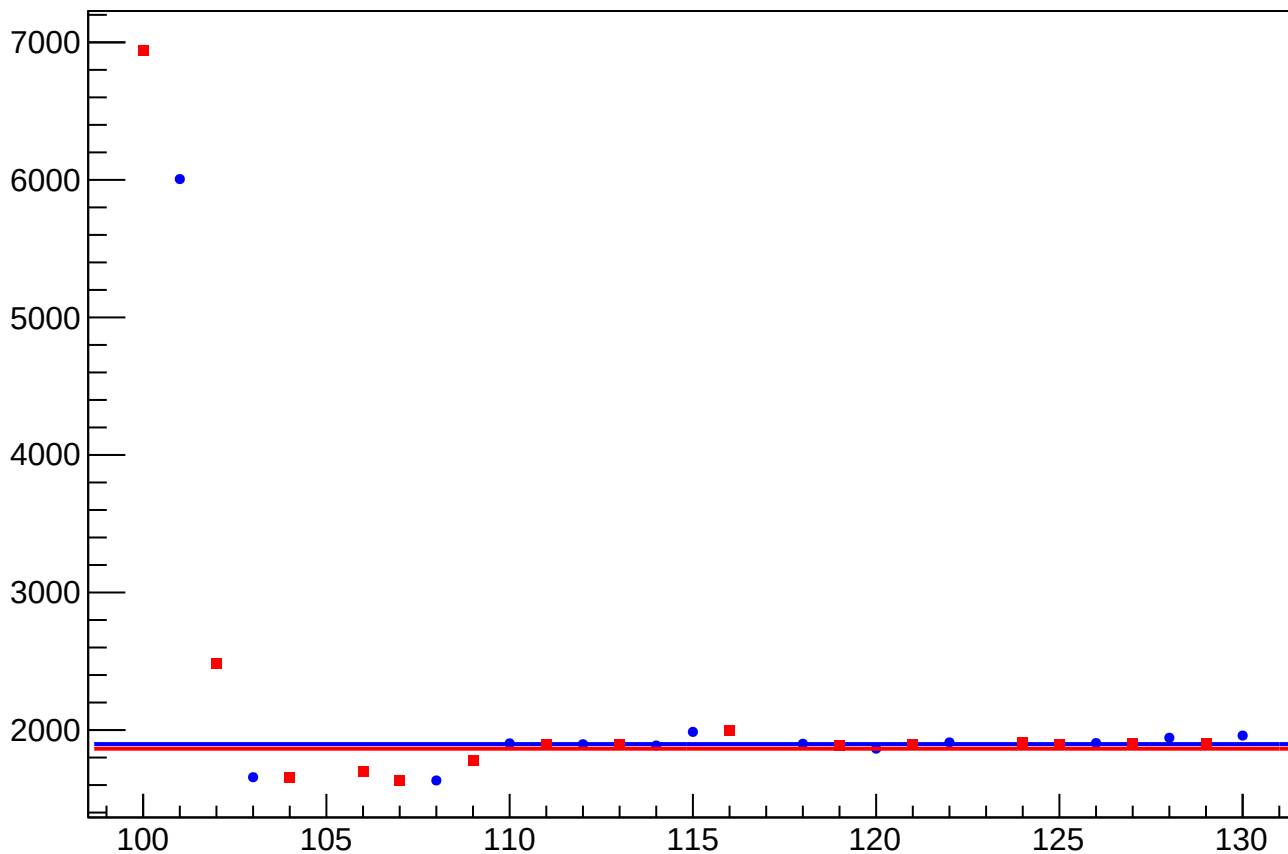
Right: -483.004+/-572.022 χ^2/NDF : 23.7/27

In: -1403.891+/-831.683 χ^2/NDF :12.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -483.004+/-572.022 χ^2/NDF : 23.7/27

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1897.934+/-0.588 χ^2/NDF : 662279.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1864.407+/-0.556 χ^2/NDF : 172935.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

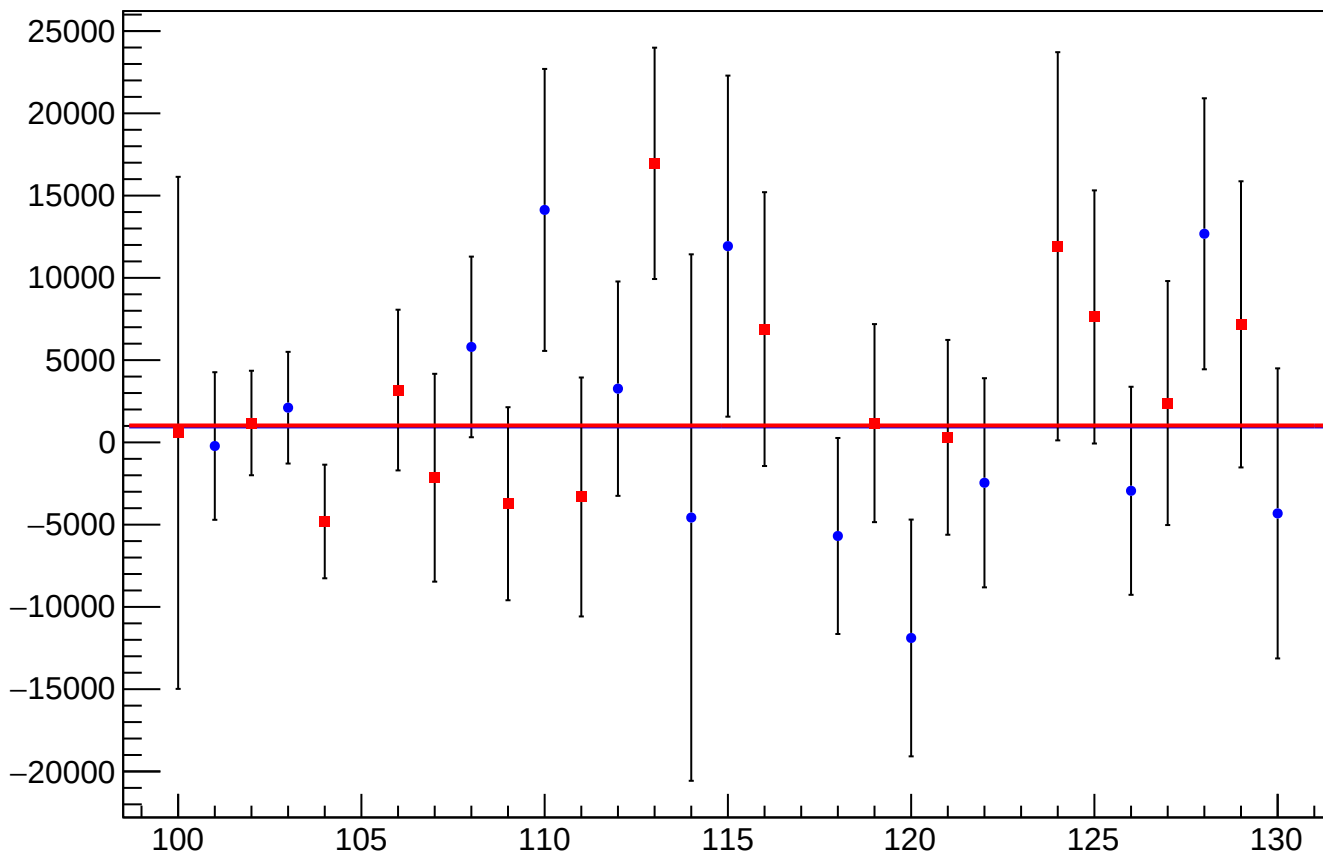
Right: 1880.245+/-0.404 χ^2/NDF : 836930.1/27

In: 1897.934+/-0.588 χ^2/NDF : 662279.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1880.245+/-0.404 χ^2/NDF : 836930.1/27

asym_atr_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 968.870+/-1702.697 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1027.343+/-1493.272 χ^2/NDF : 12.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

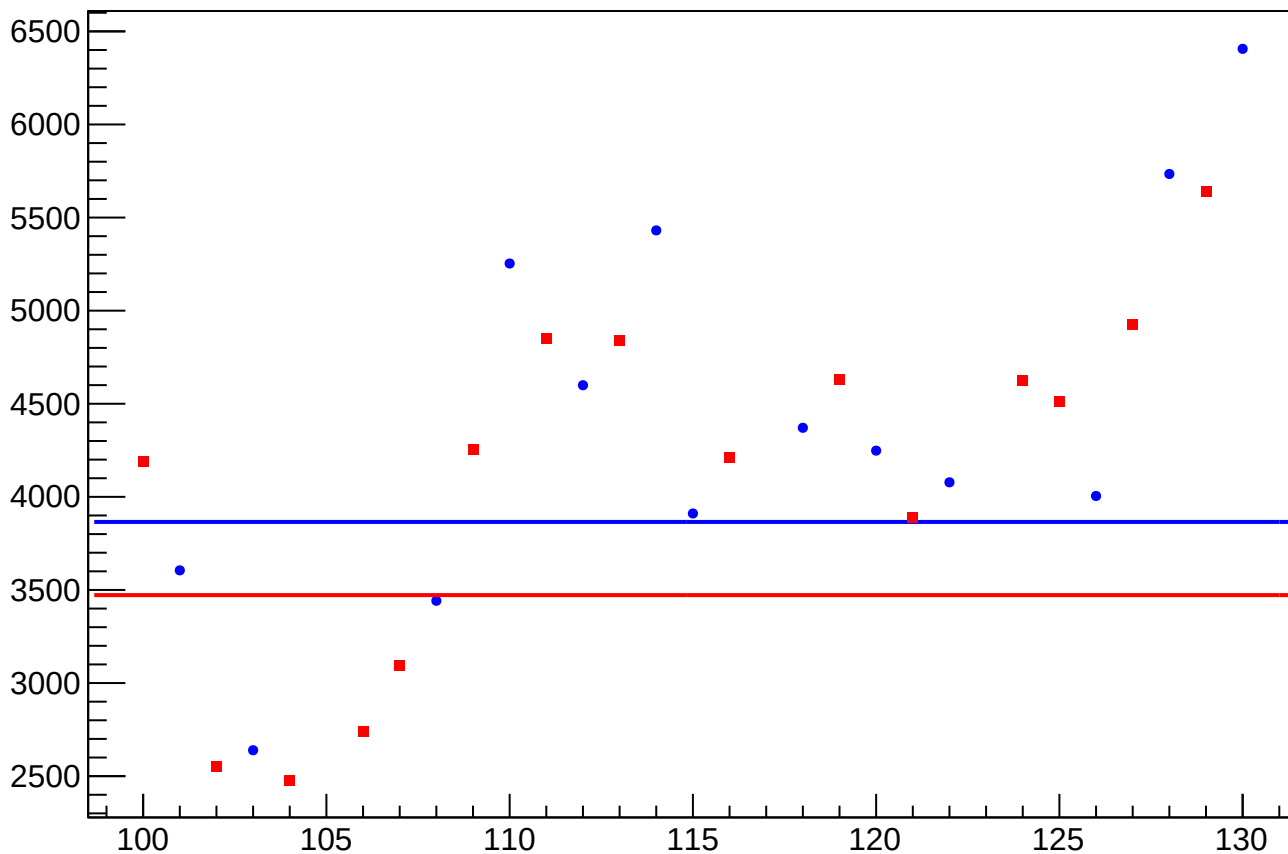
Right: 1001.922+/-1122.686 χ^2/NDF : 24.3/27

In: 968.870+/-1702.697 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1001.922+/-1122.686 χ^2/NDF : 24.3/27

asym_atr_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3865.297+/-1.204 χ^2/NDF : 668994.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3472.365+/-1.056 χ^2/NDF : 930090.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

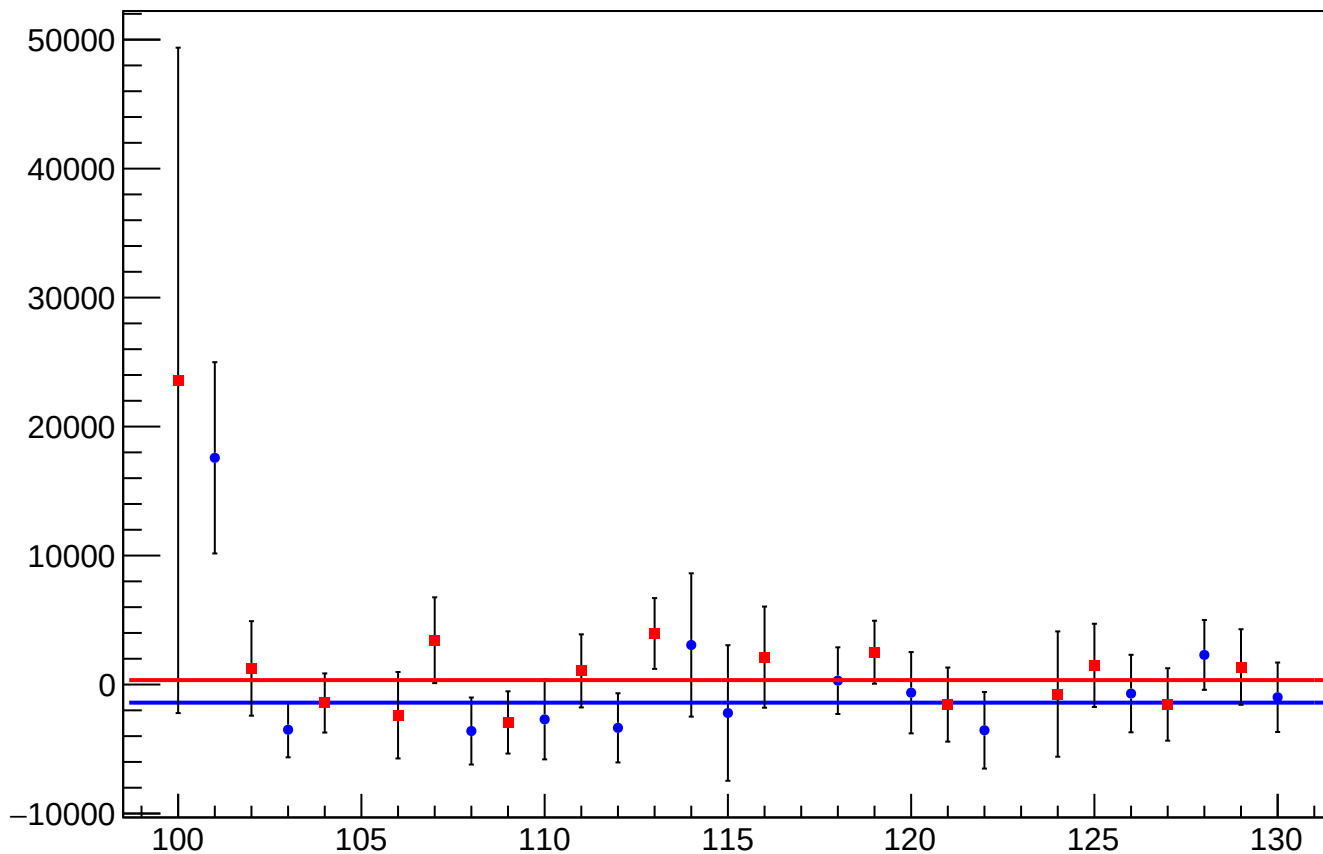
Right: 3643.193+/-0.794 χ^2/NDF : 1659290.0/27

In: 3865.297+/-1.204 χ^2/NDF : 668994.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3643.193+/-0.794 χ^2/NDF : 1659290.0/27

eigen_dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1403.892+/-831.683 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 343.695+/-788.007 χ^2/NDF : 8.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

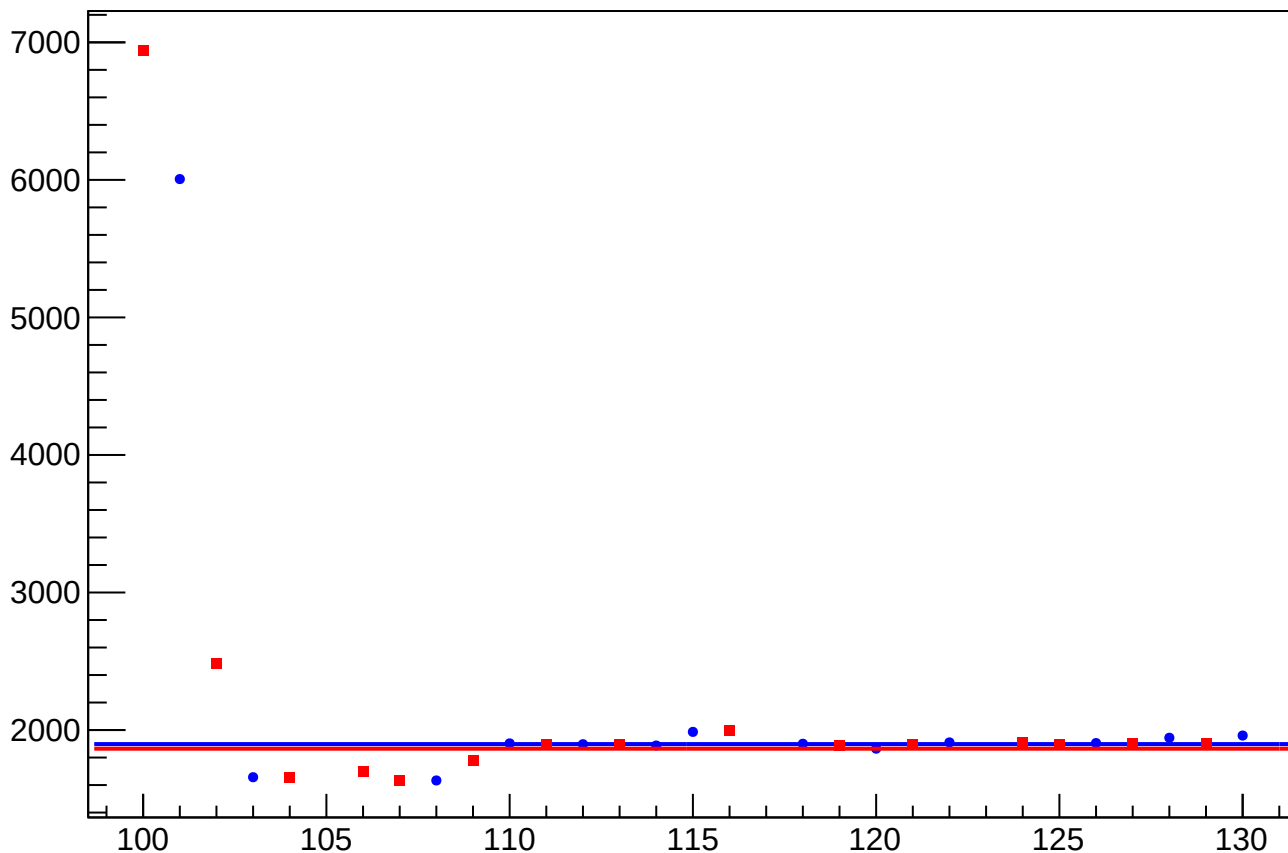
Right: -483.009+/-572.022 χ^2/NDF : 23.7/27

In: -1403.892+/-831.683 χ^2/NDF : 12.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -483.009+/-572.022 χ^2/NDF : 23.7/27

eigen_dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1897.933+/-0.588 χ^2/NDF : 662279.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1864.407+/-0.556 χ^2/NDF : 172935.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

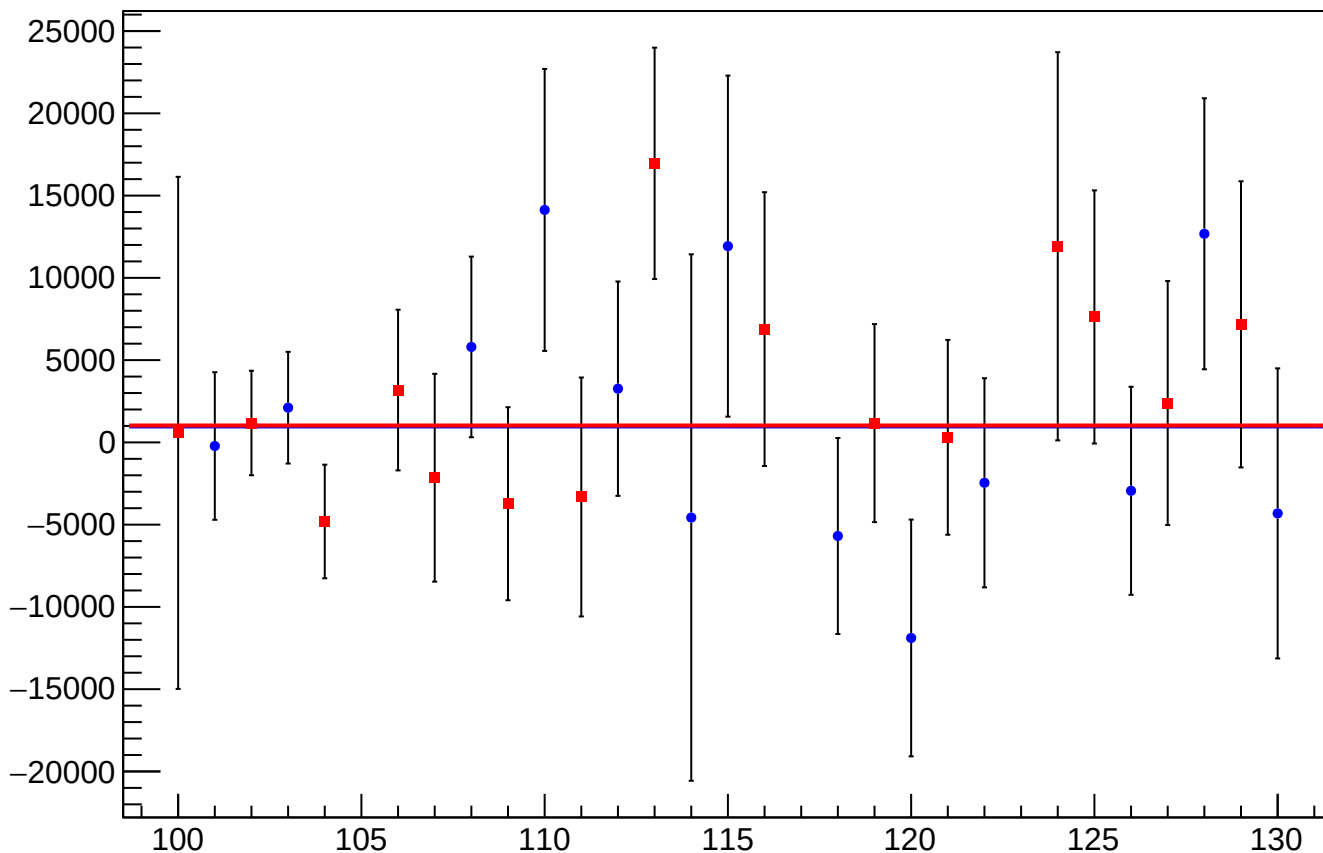
Right: 1880.245+/-0.404 χ^2/NDF : 836930.0/27

In: 1897.933+/-0.588 χ^2/NDF : 662279.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1880.245+/-0.404 χ^2/NDF : 836930.0/27

asym_atr_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 968.865+/-1702.694 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1027.341+/-1493.269 χ^2/NDF : 12.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

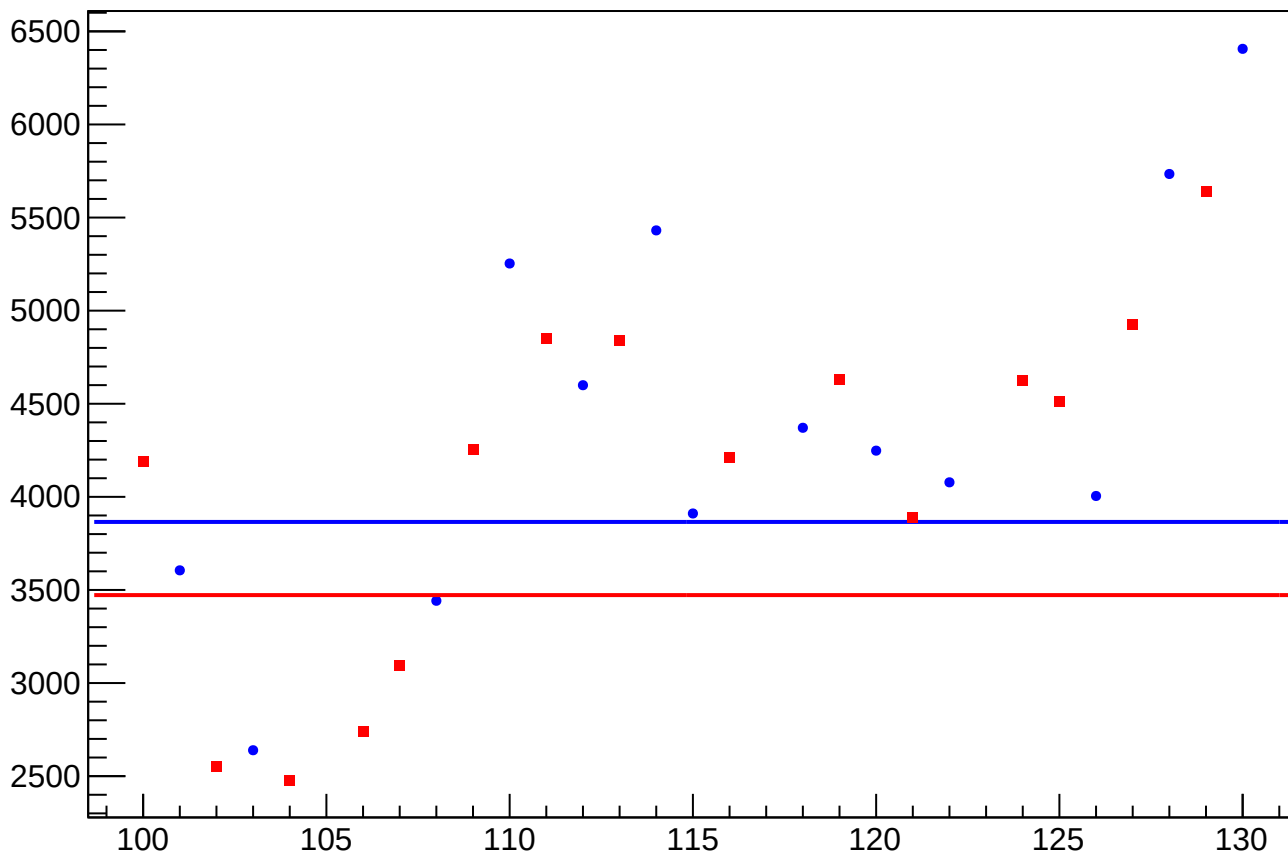
Right: 1001.919+/-1122.684 χ^2/NDF : 24.3/27

In: 968.865+/-1702.694 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1001.919+/-1122.684 χ^2/NDF : 24.3/27

asym_atr_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3865.291+/-1.204 χ^2/NDF : 668987.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3472.360+/-1.056 χ^2/NDF : 930083.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

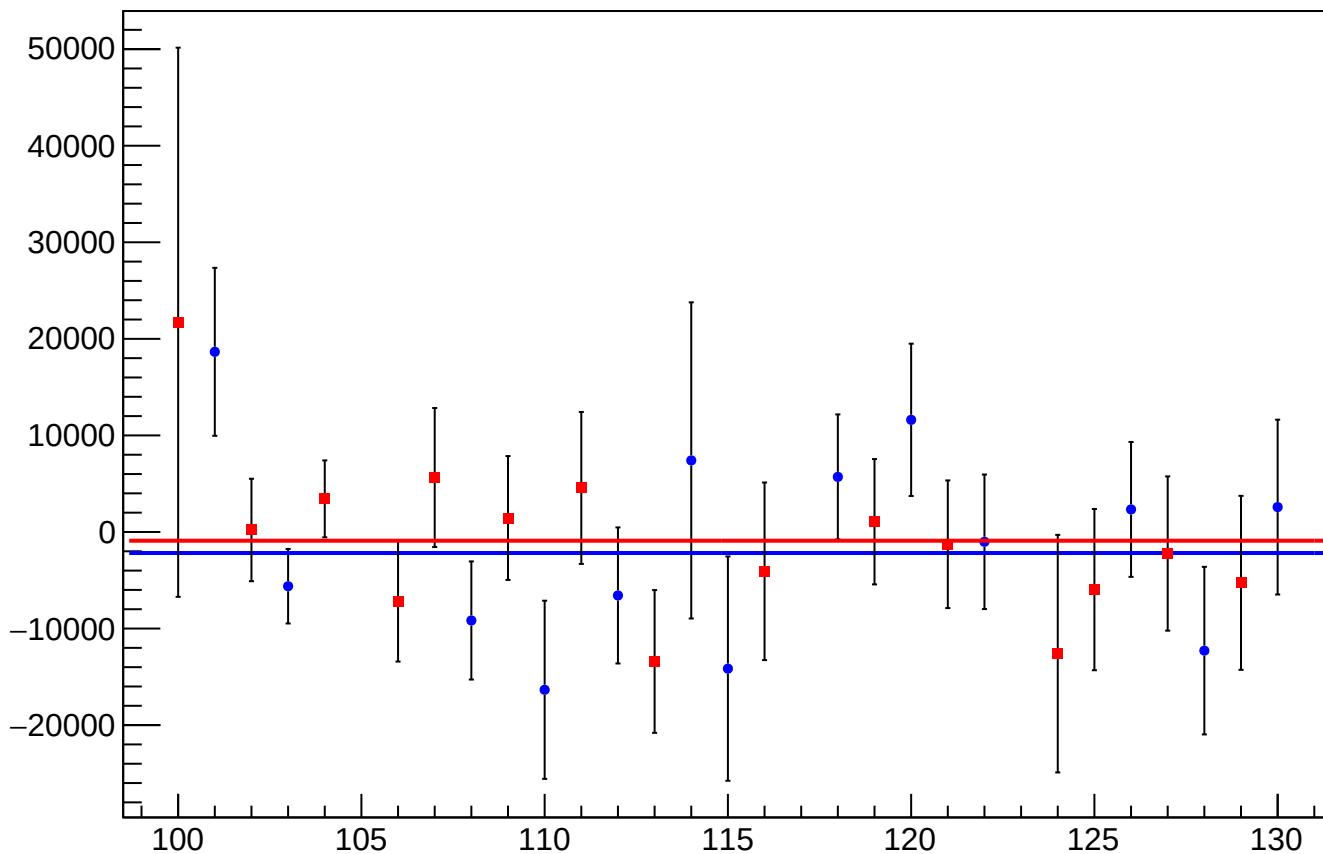
Right: 3643.188+/-0.794 χ^2/NDF : 1659274.7/27

In: 3865.291+/-1.204 χ^2/NDF : 668987.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3643.188+/-0.794 χ^2/NDF : 1659274.7/27

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2178.732+/-1973.600 χ^2/NDF : 18.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -904.242+/-1793.913 χ^2/NDF : 8.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

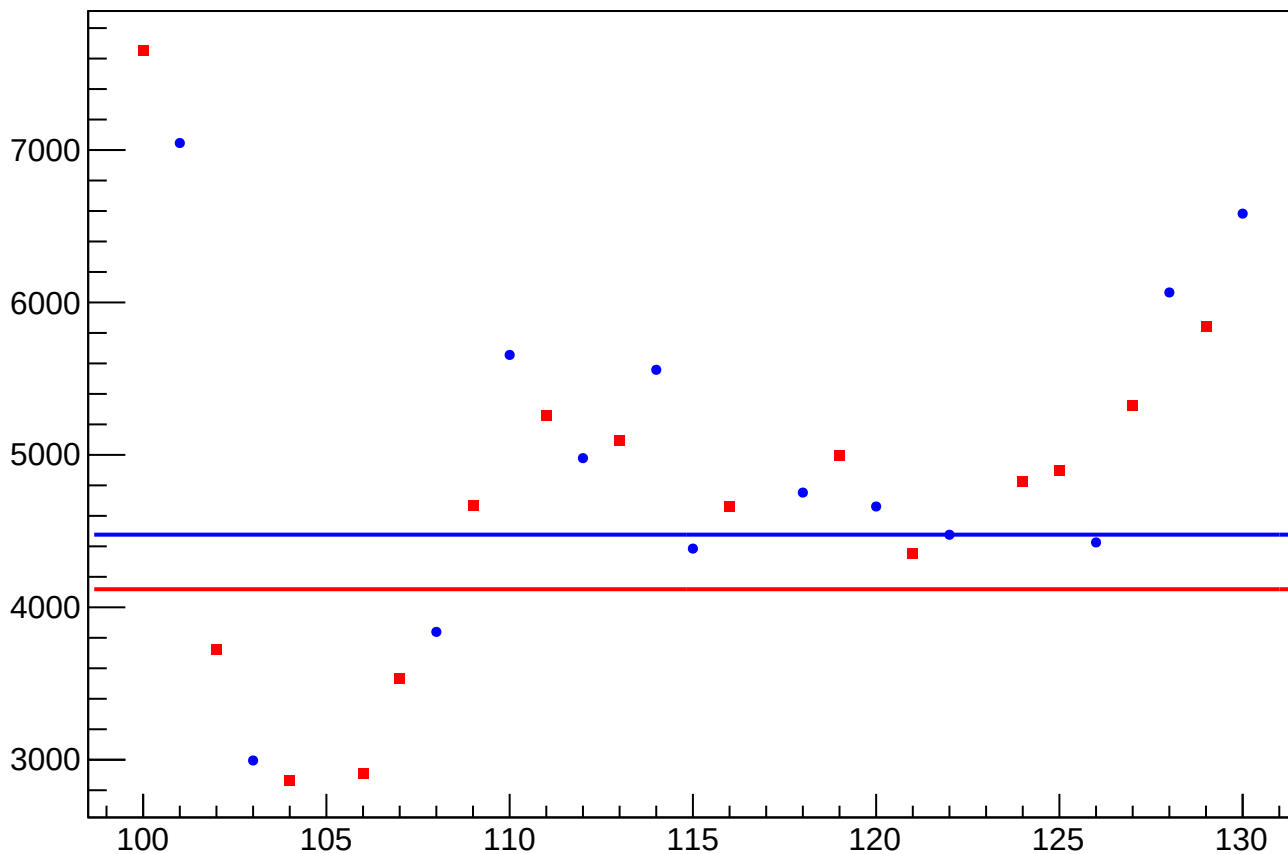
Right: -1480.840+/-1327.478 χ^2/NDF : 27.7/27

In: -2178.732+/-1973.600 χ^2/NDF : 18.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1480.840+/-1327.478 χ^2/NDF : 27.7/27

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4476.682+/-1.396 χ^2/NDF : 723131.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4118.651+/-1.256 χ^2/NDF : 626798.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

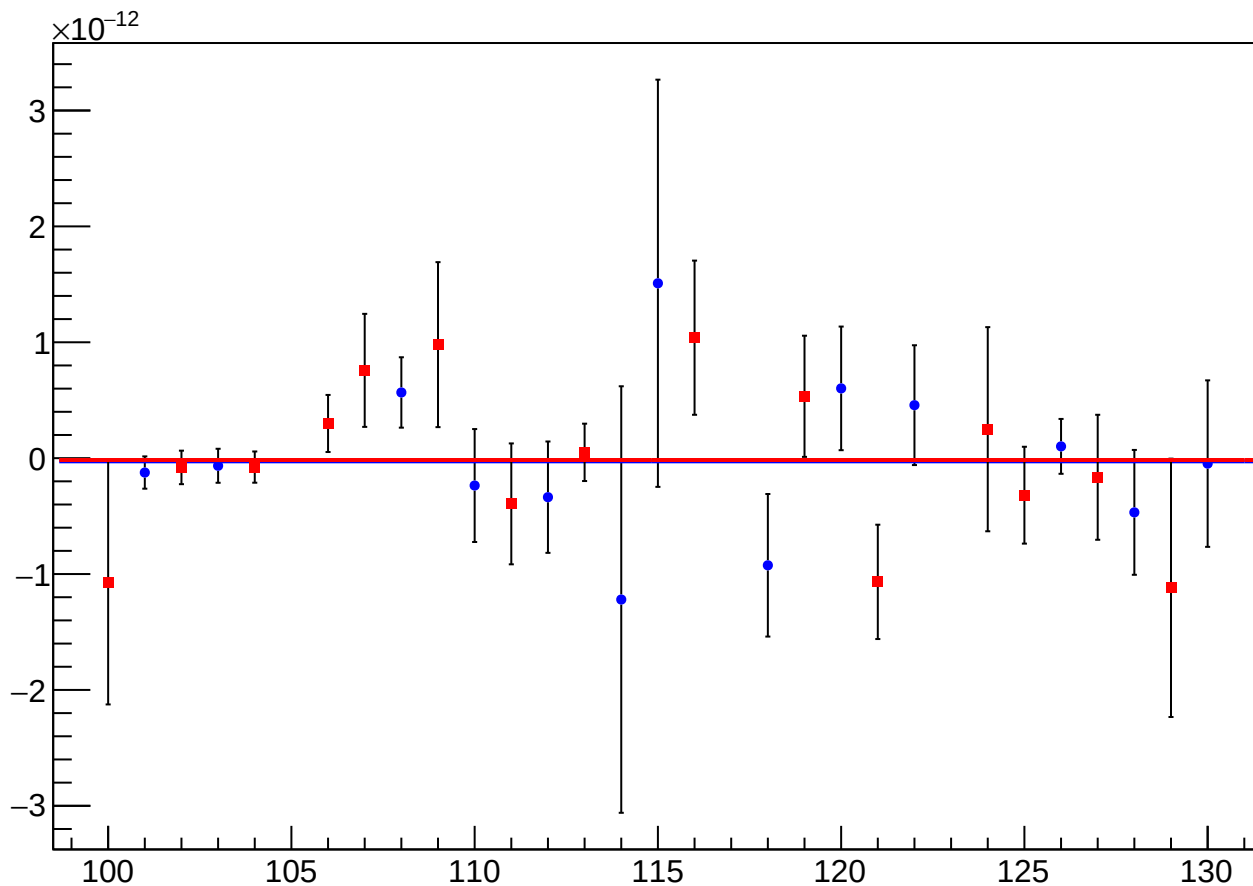
Right: 4278.858+/-0.934 χ^2/NDF : 1386297.3/27

In: 4476.682+/-1.396 χ^2/NDF : 723131.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4278.858+/-0.934 χ^2/NDF : 1386297.3/27

asym_atr_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

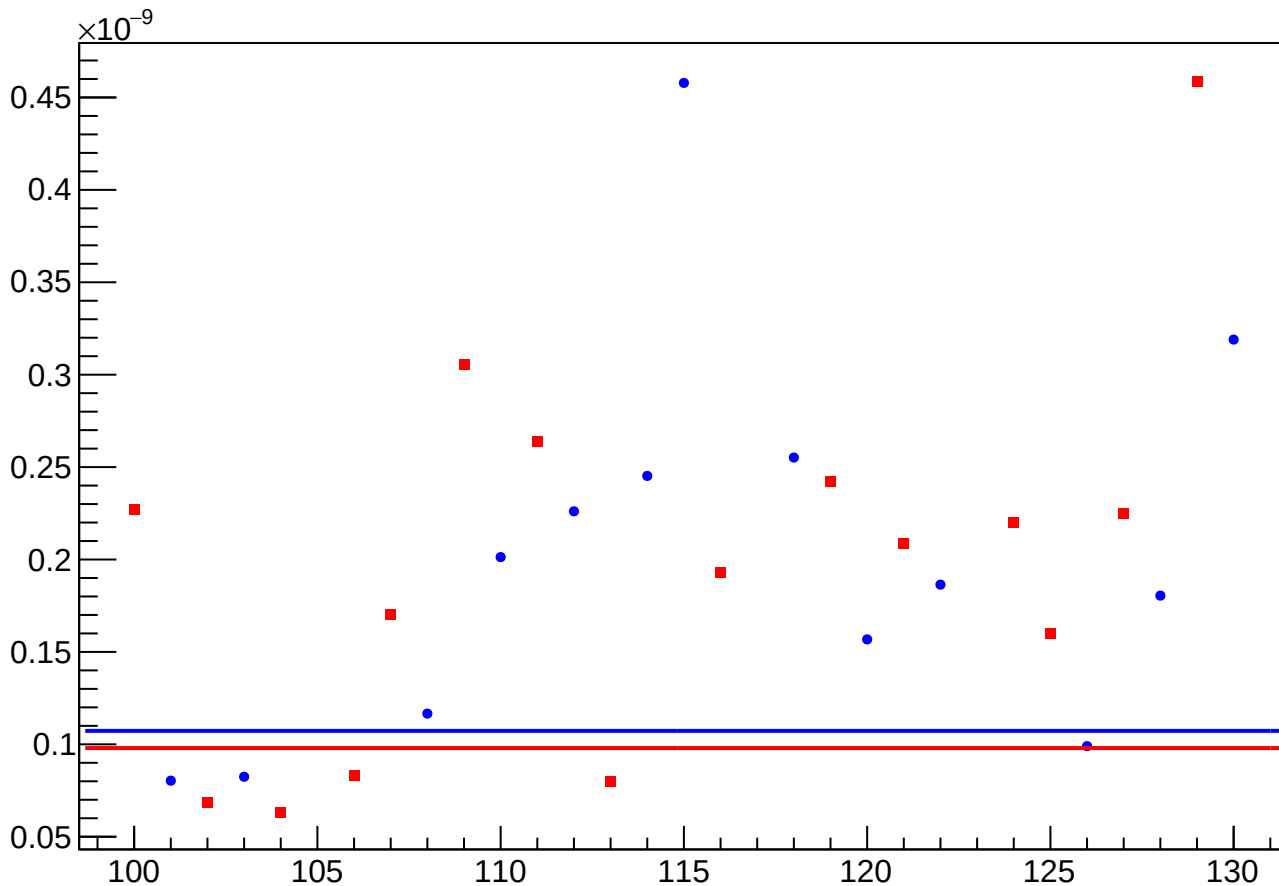
Right: -0.000+/-0.000 χ^2/NDF : 29.5/27

In: -0.000+/-0.000 χ^2/NDF : 11.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.5/27

asym_atr_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 814228.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1378981.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

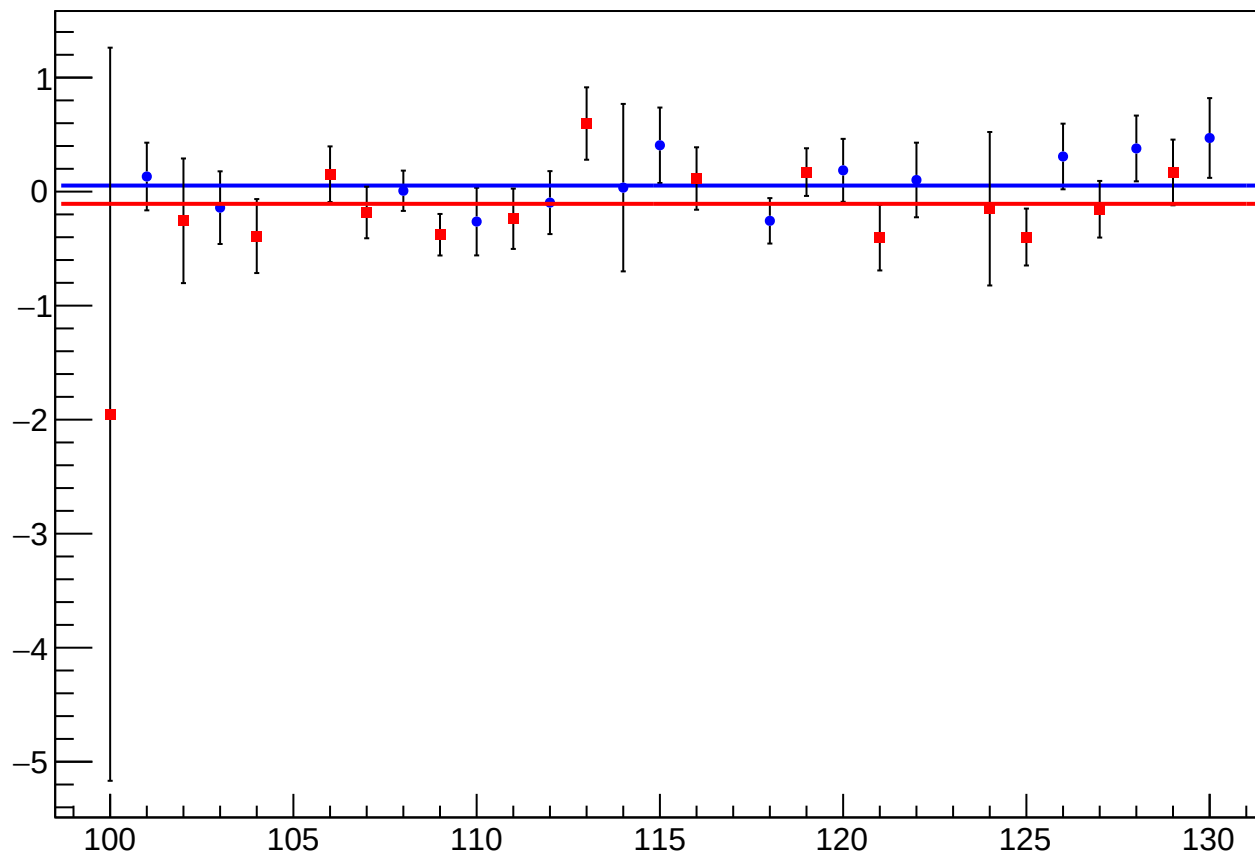
Right: 0.000+/-0.000 χ^2/NDF : 2206969.1/27

In: 0.000+/-0.000 χ^2/NDF : 814228.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2206969.1/27

asym_atr_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.053 $\pm$ 0.077 χ^2/NDF : 9.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.107 $\pm$ 0.071 χ^2/NDF : 15.6/14

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

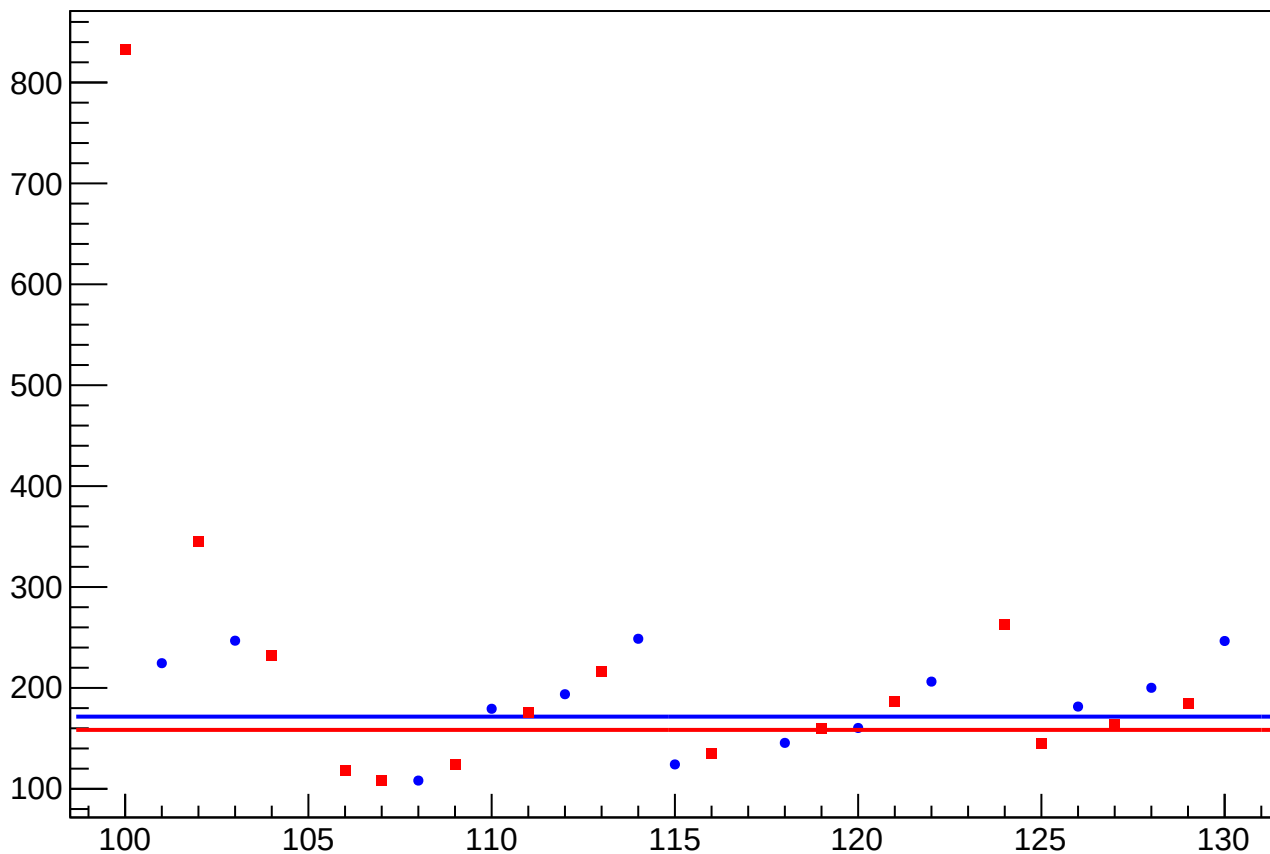
Right: -0.034 $\pm$ 0.052 χ^2/NDF : 27.2/27

In: 0.053 $\pm$ 0.077 χ^2/NDF : 9.2/12

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.034 $\pm$ 0.052 χ^2/NDF : 27.2/27

asym_atr_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 171.565+/-0.054 χ^2/NDF : 683860.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 158.410+/-0.050 χ^2/NDF : 828283.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

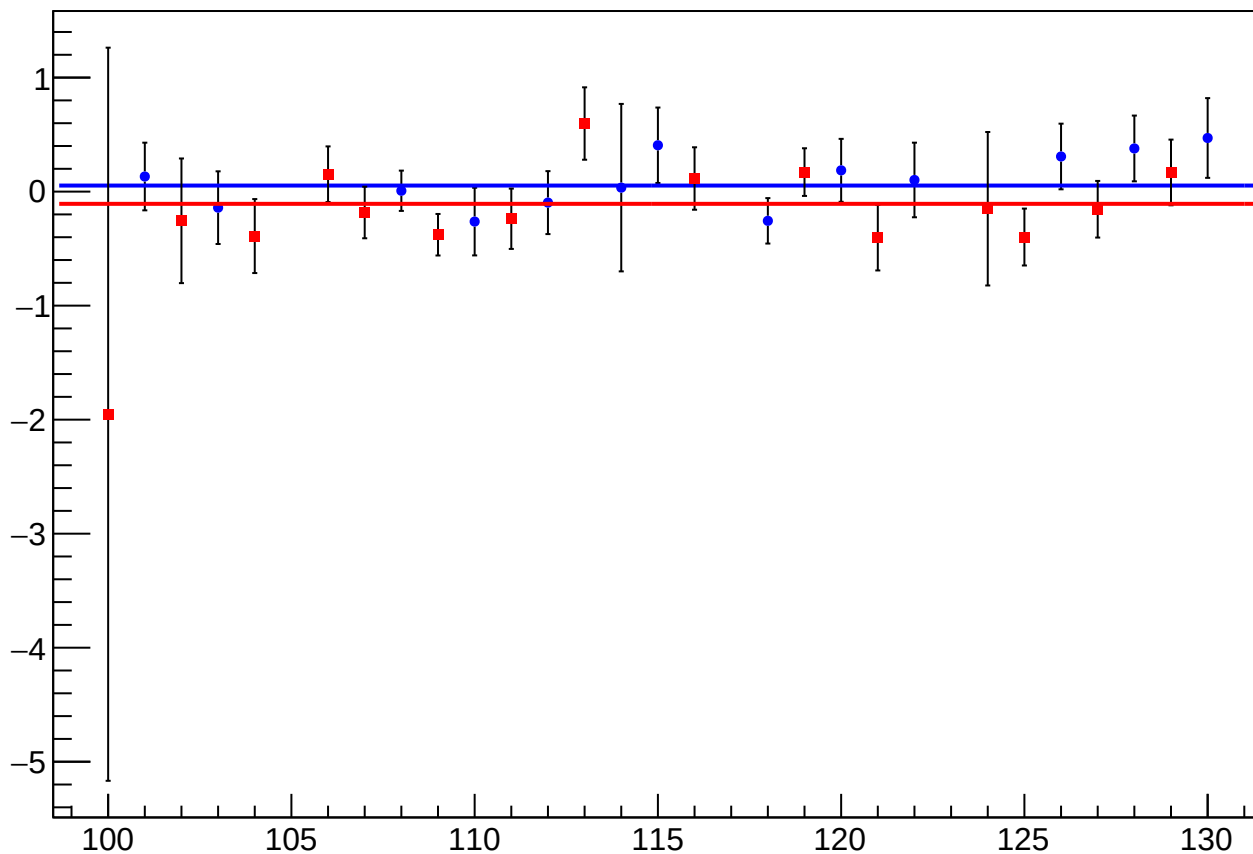
Right: 164.452+/-0.037 χ^2/NDF : 1543705.7/27

In: 171.565+/-0.054 χ^2/NDF :683860.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 164.452+/-0.037 χ^2/NDF : 1543705.7/27

asym_atr_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.053+/-0.077 χ^2/NDF : 9.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.107+/-0.071 χ^2/NDF : 15.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

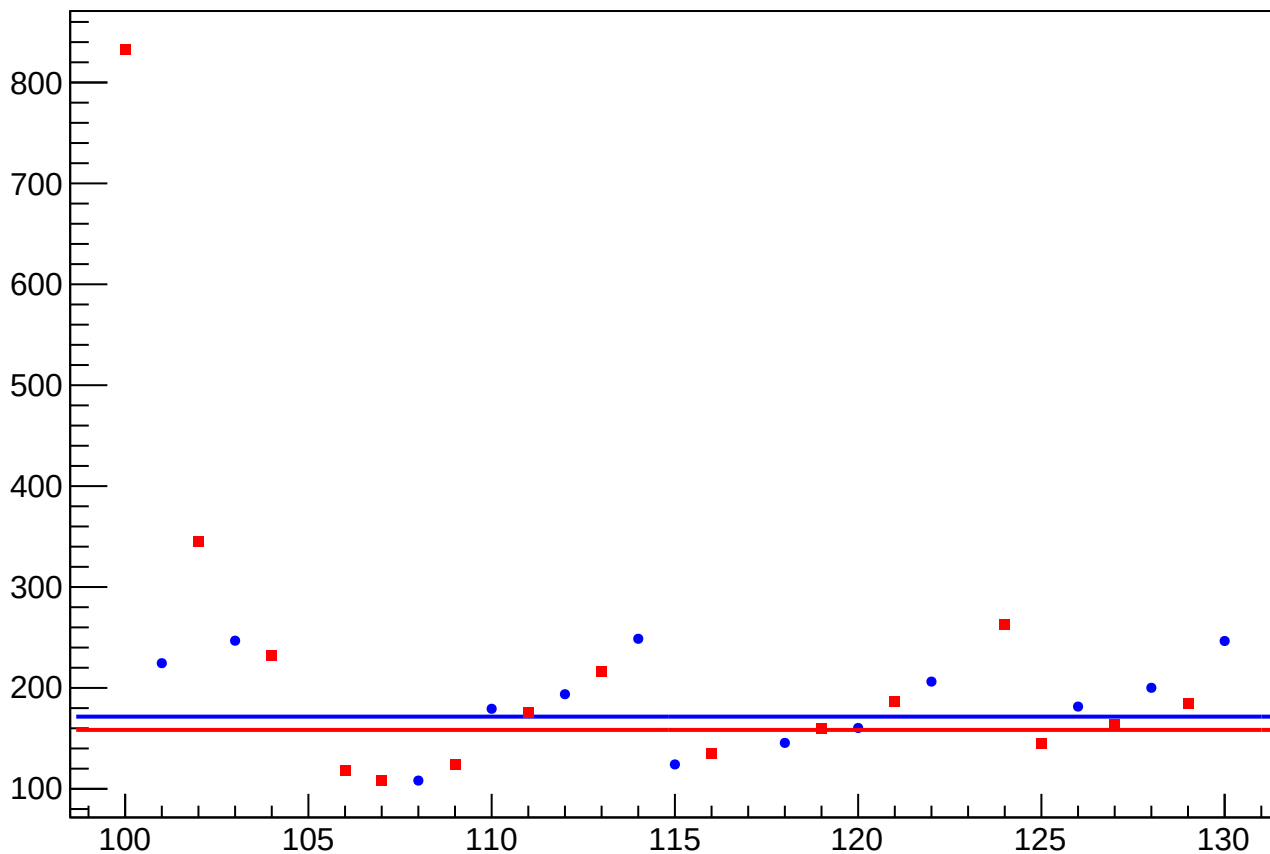
Right: -0.034+/-0.052 χ^2/NDF : 27.2/27

In: 0.053+/-0.077 χ^2/NDF : 9.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.034+/-0.052 χ^2/NDF : 27.2/27

asym_atr_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 171.565+/-0.054 χ^2/NDF : 683860.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 158.410+/-0.050 χ^2/NDF : 828283.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

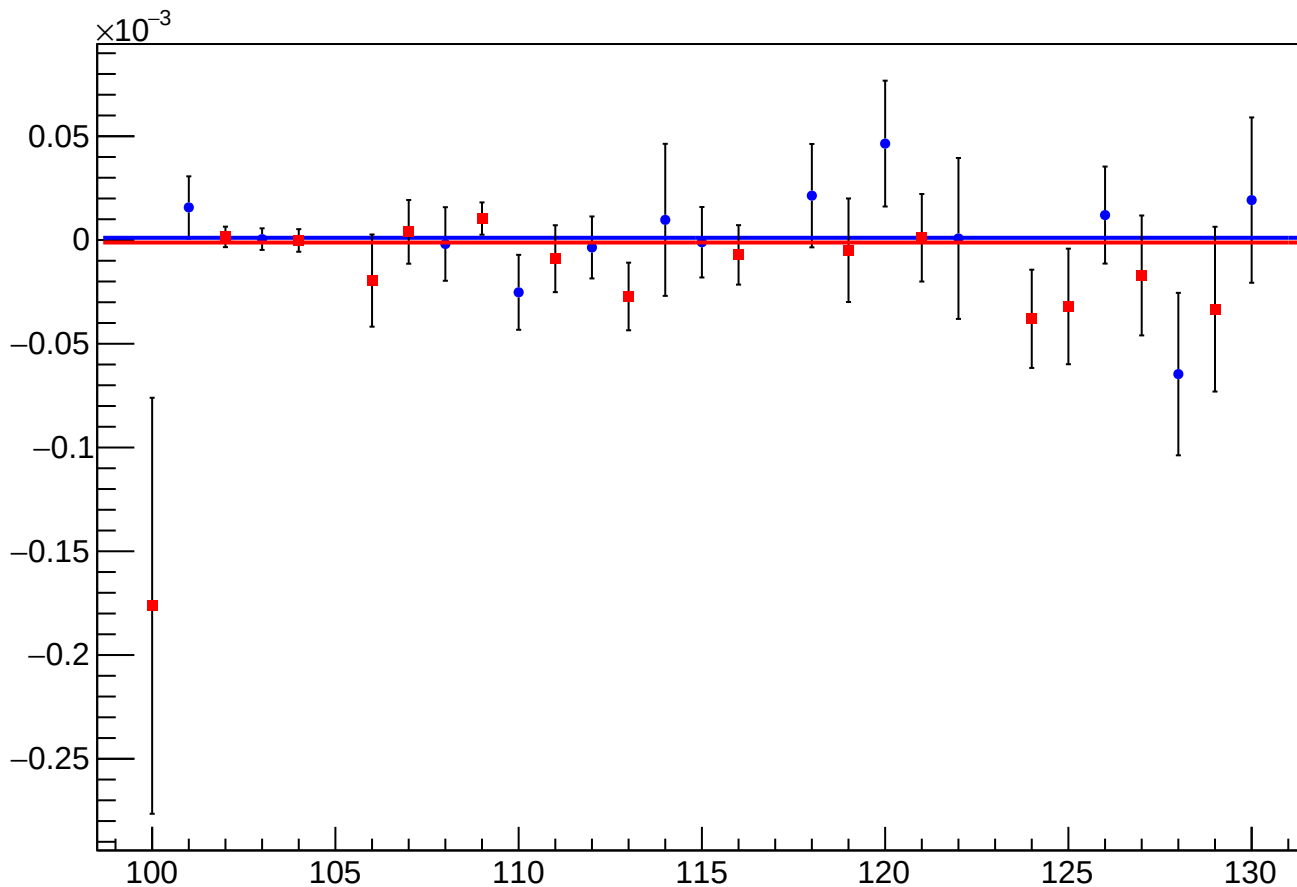
Right: 164.452+/-0.037 χ^2/NDF : 1543705.7/27

In: 171.565+/-0.054 χ^2/NDF :683860.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 164.452+/-0.037 χ^2/NDF : 1543705.7/27

asym_atr_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 9.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 14.0/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

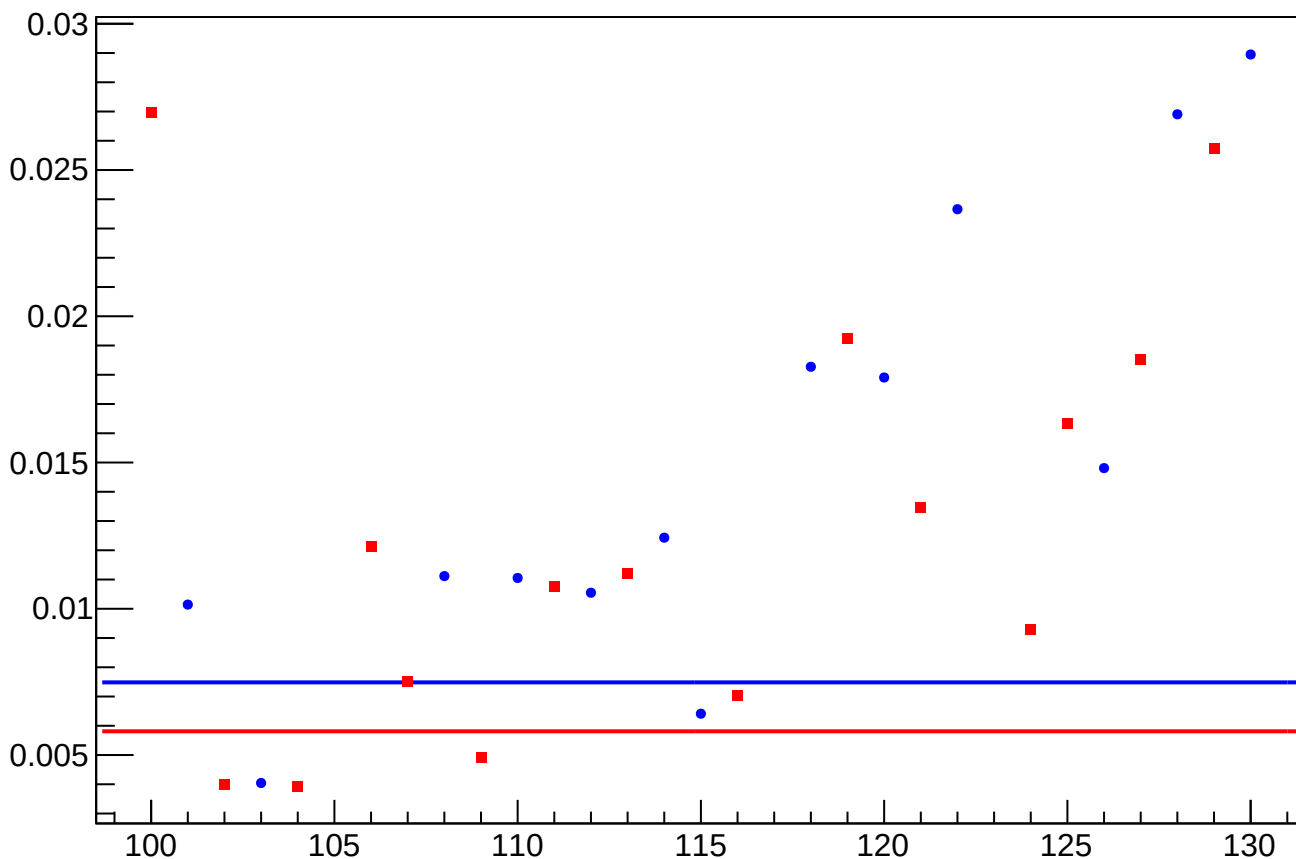
Right: -0.000 ± 0.000 χ^2/NDF : 23.6/27

In: 0.000 ± 0.000 χ^2/NDF : 9.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 23.6/27

asym_atr_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 3458679.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 3307078.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

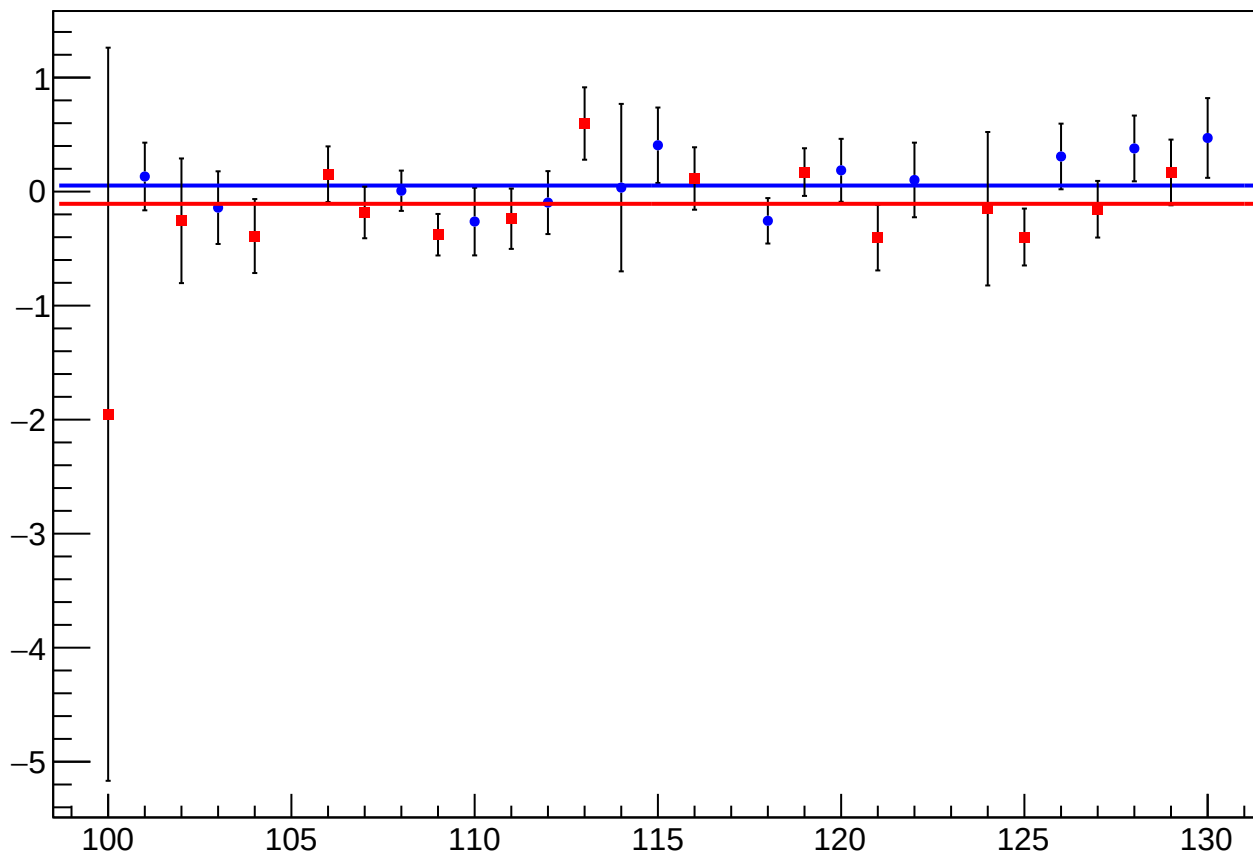
Right: 0.006+/-0.000 χ^2/NDF : 6995906.1/27

In: 0.007+/-0.000 χ^2/NDF :3458679.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 6995906.1/27

asym_atr_dd_eigen_dit_vs_Slug, Sign Corrected



Right In: 0.053 $\pm$ 0.077 χ^2 /NDF: 9.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.107 $\pm$ 0.071 χ^2 /NDF: 15.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

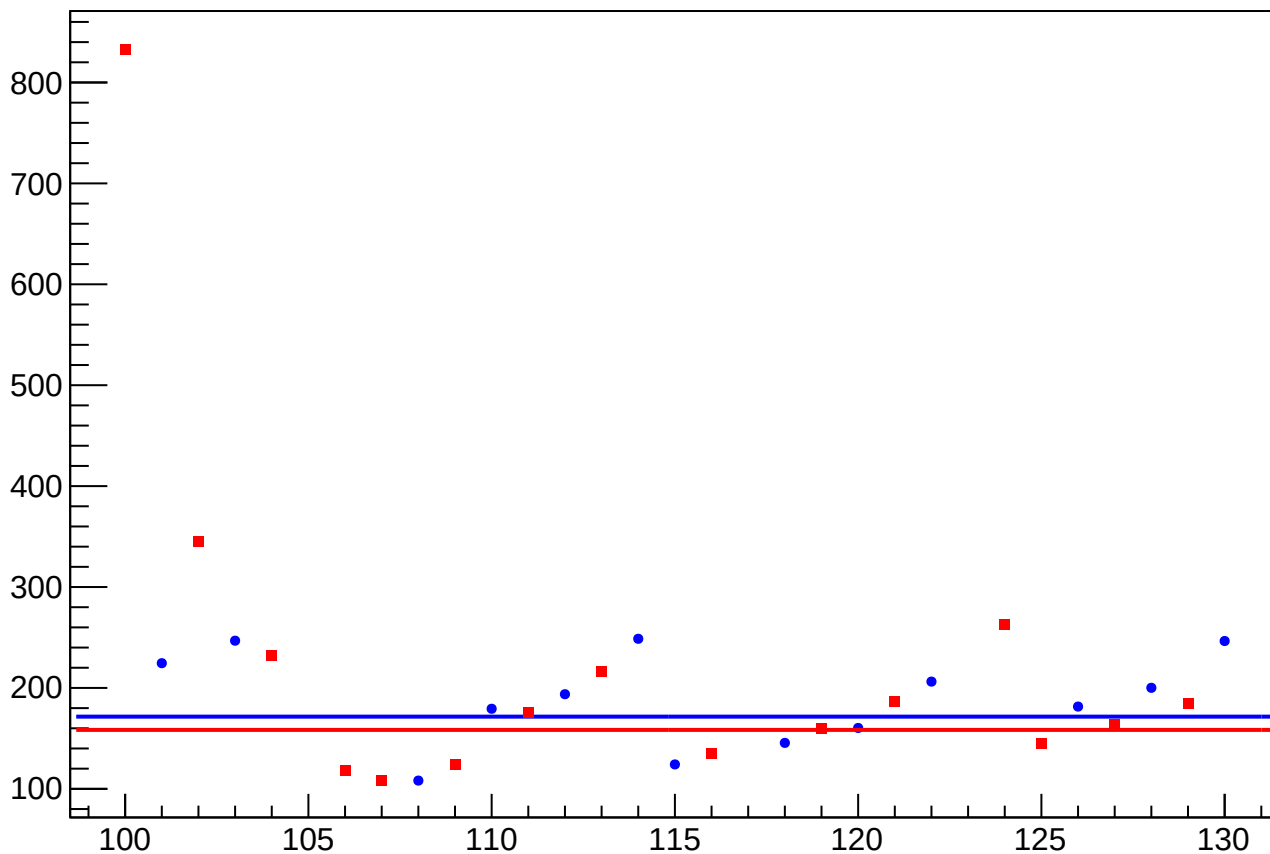
Right: -0.034 $\pm$ 0.052 χ^2 /NDF: 27.2/27

In: 0.053 $\pm$ 0.077 χ^2 /NDF:9.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.034 $\pm$ 0.052 χ^2 /NDF: 27.2/27

asym_atr_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 171.562+/-0.054 χ^2/NDF : 683874.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.410+/-0.050 χ^2/NDF : 828266.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

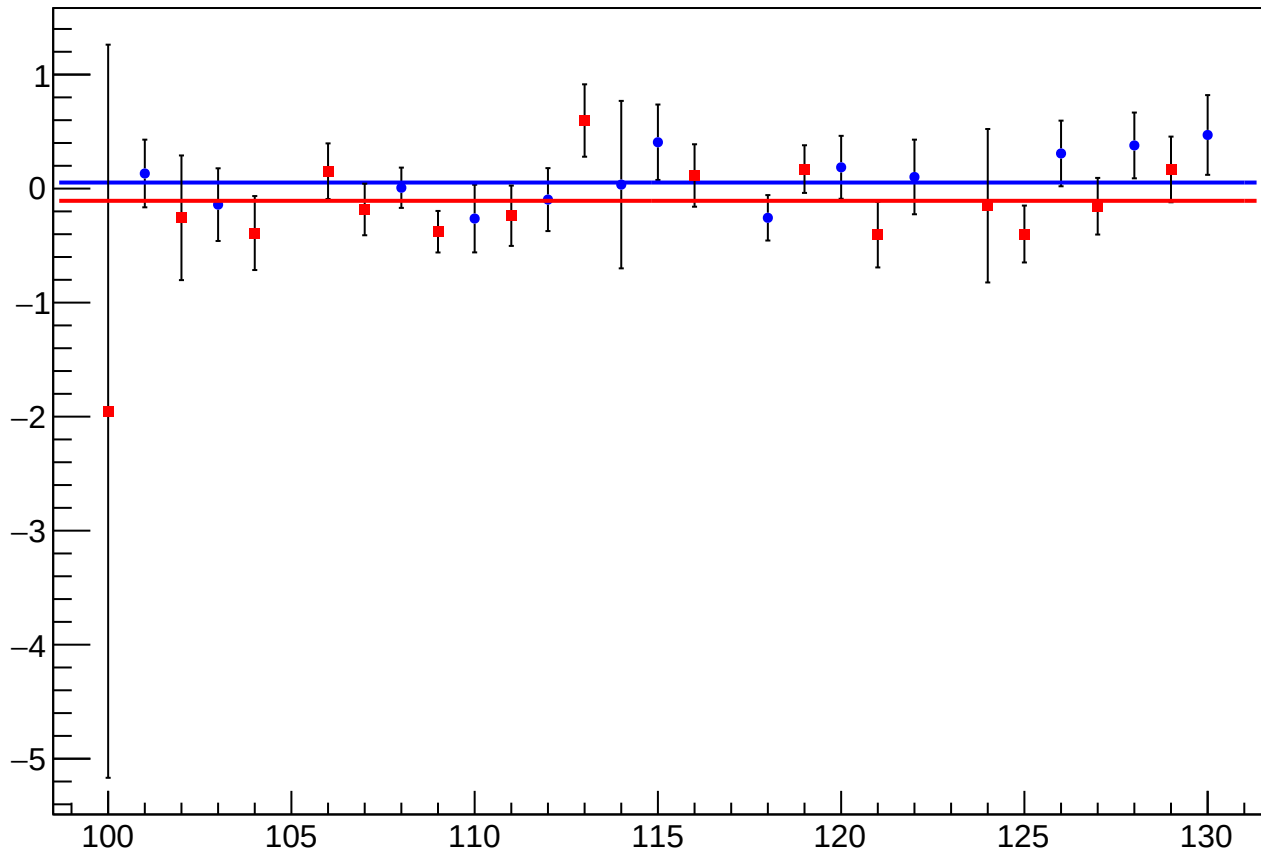
Right: 164.451+/-0.037 χ^2/NDF : 1543688.2/27

In: 171.562+/-0.054 χ^2/NDF : 683874.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.451+/-0.037 χ^2/NDF : 1543688.2/27

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.053+/-0.077 χ^2/NDF : 9.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.107+/-0.071 χ^2/NDF : 15.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

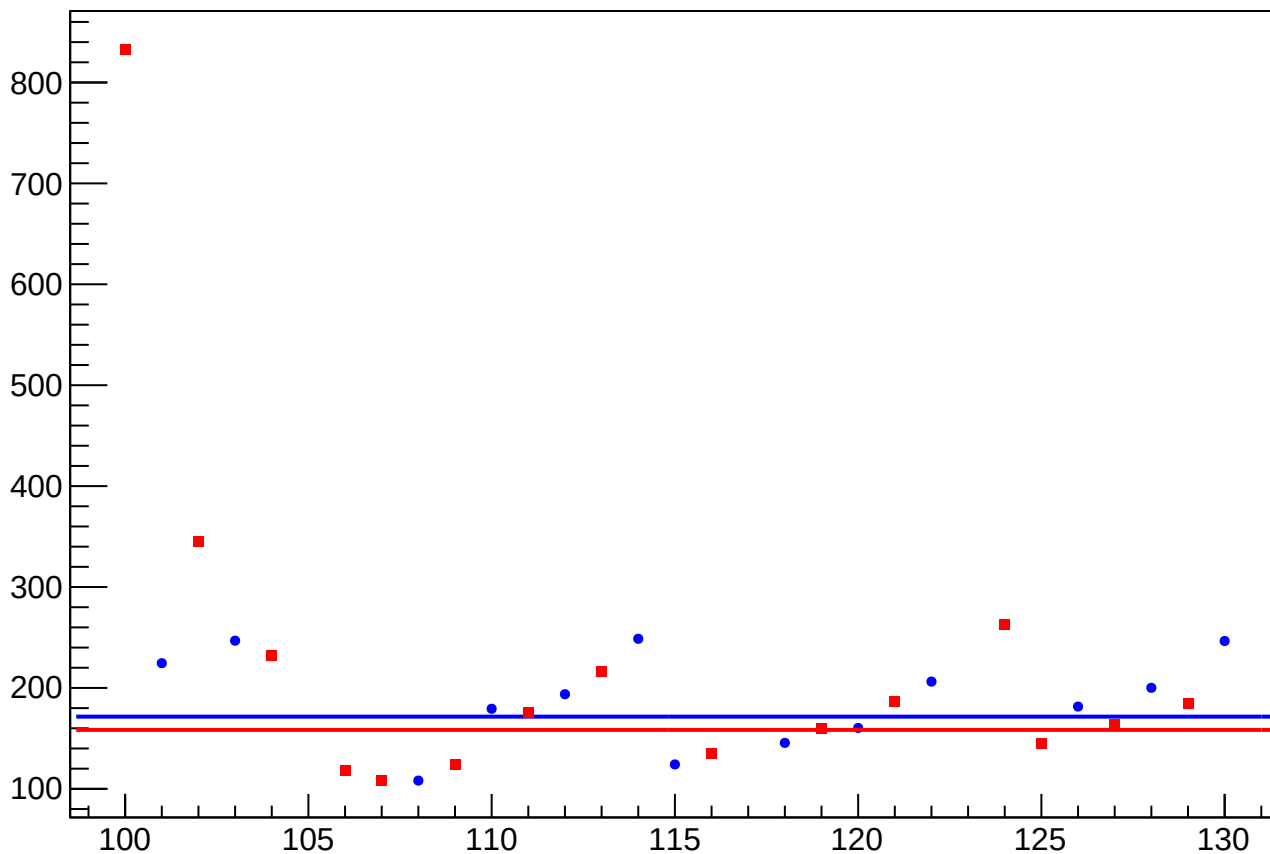
Right: -0.034+/-0.052 χ^2/NDF : 27.2/27

In: 0.053+/-0.077 χ^2/NDF : 9.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.034+/-0.052 χ^2/NDF : 27.2/27

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 171.562+/-0.054 χ^2/NDF : 683874.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.410+/-0.050 χ^2/NDF : 828266.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

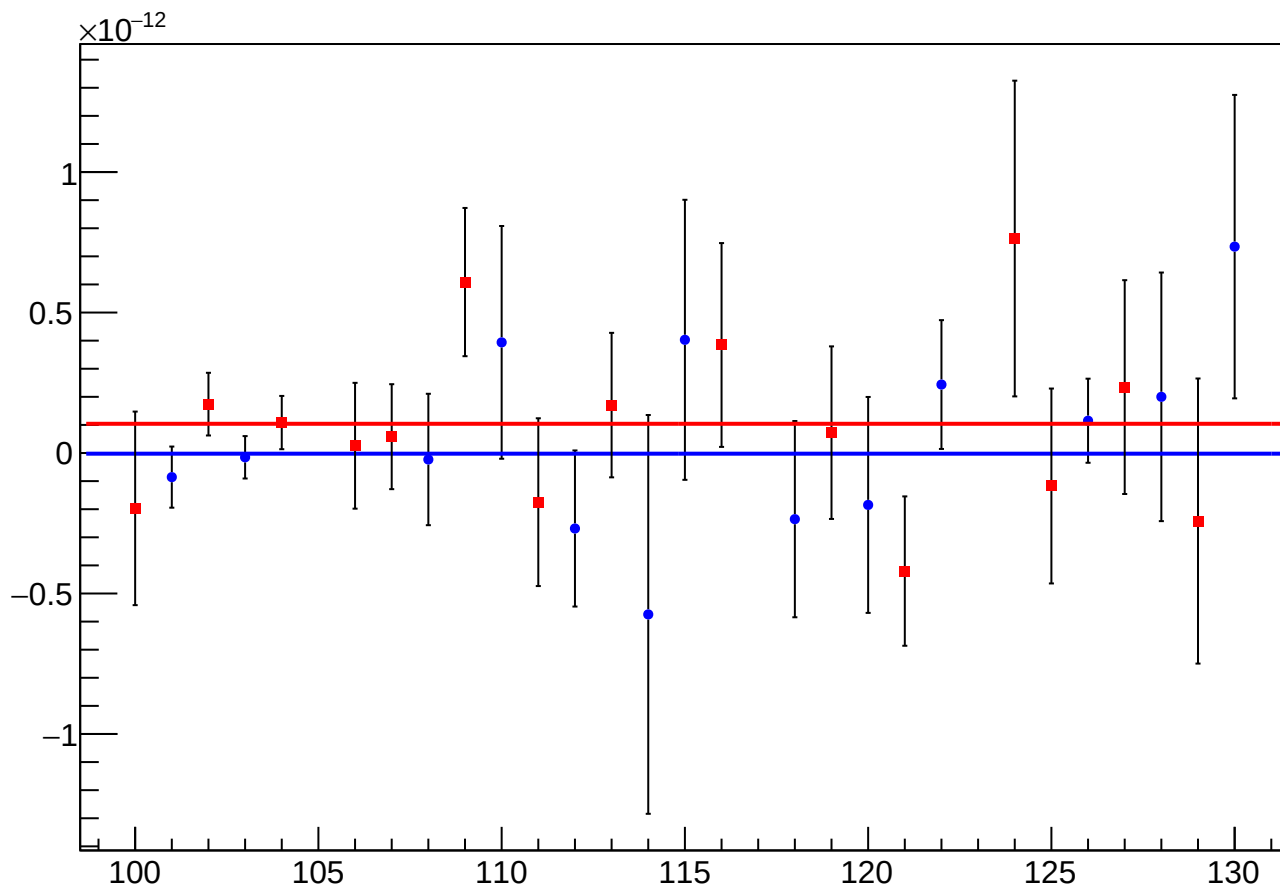
Right: 164.451+/-0.037 χ^2/NDF : 1543688.2/27

In: 171.562+/-0.054 χ^2/NDF : 683874.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.451+/-0.037 χ^2/NDF : 1543688.2/27

asym_atr_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

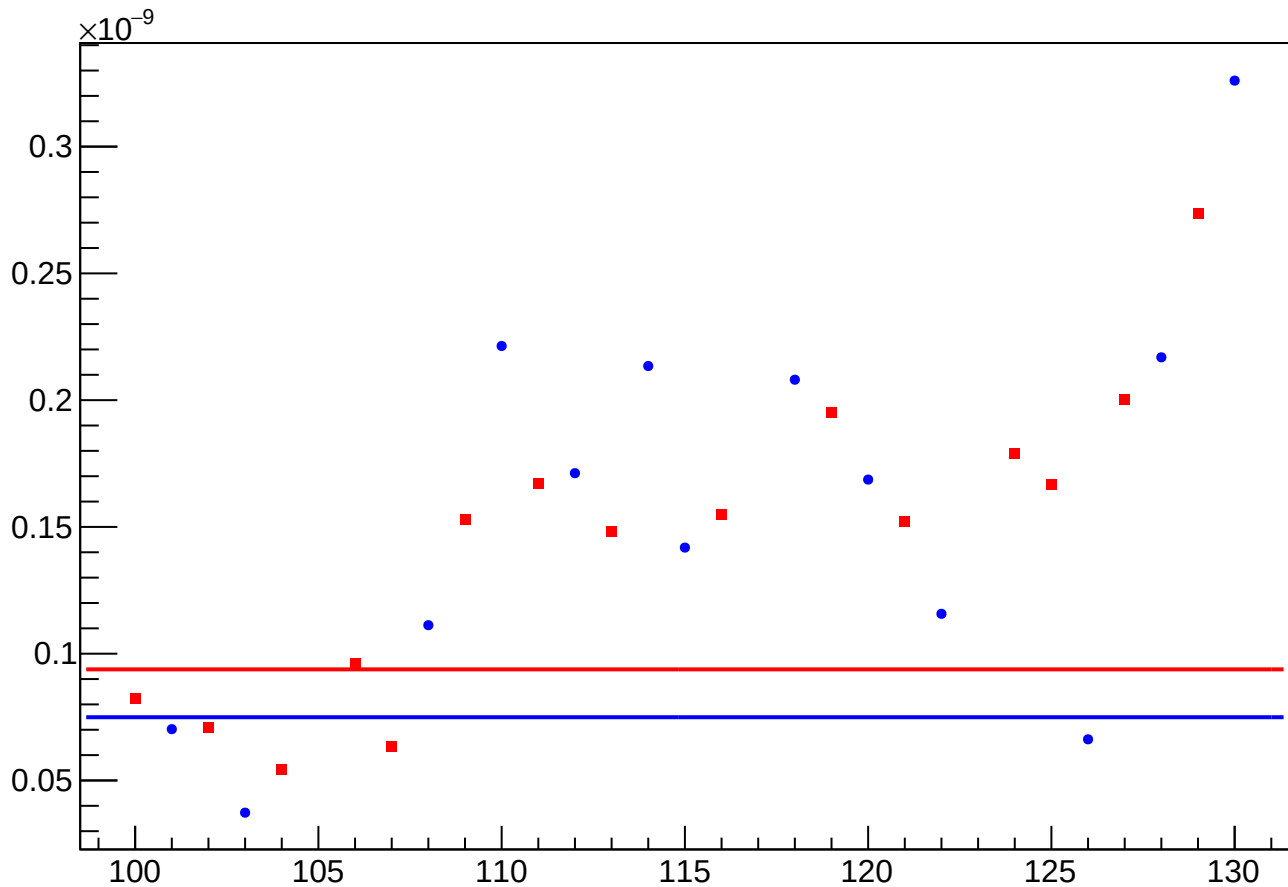
Right: 0.000+/-0.000 χ^2/NDF : 23.2/27

In: -0.000+/-0.000 χ^2/NDF : 8.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.2/27

asym_atr_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2269610.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1711757.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

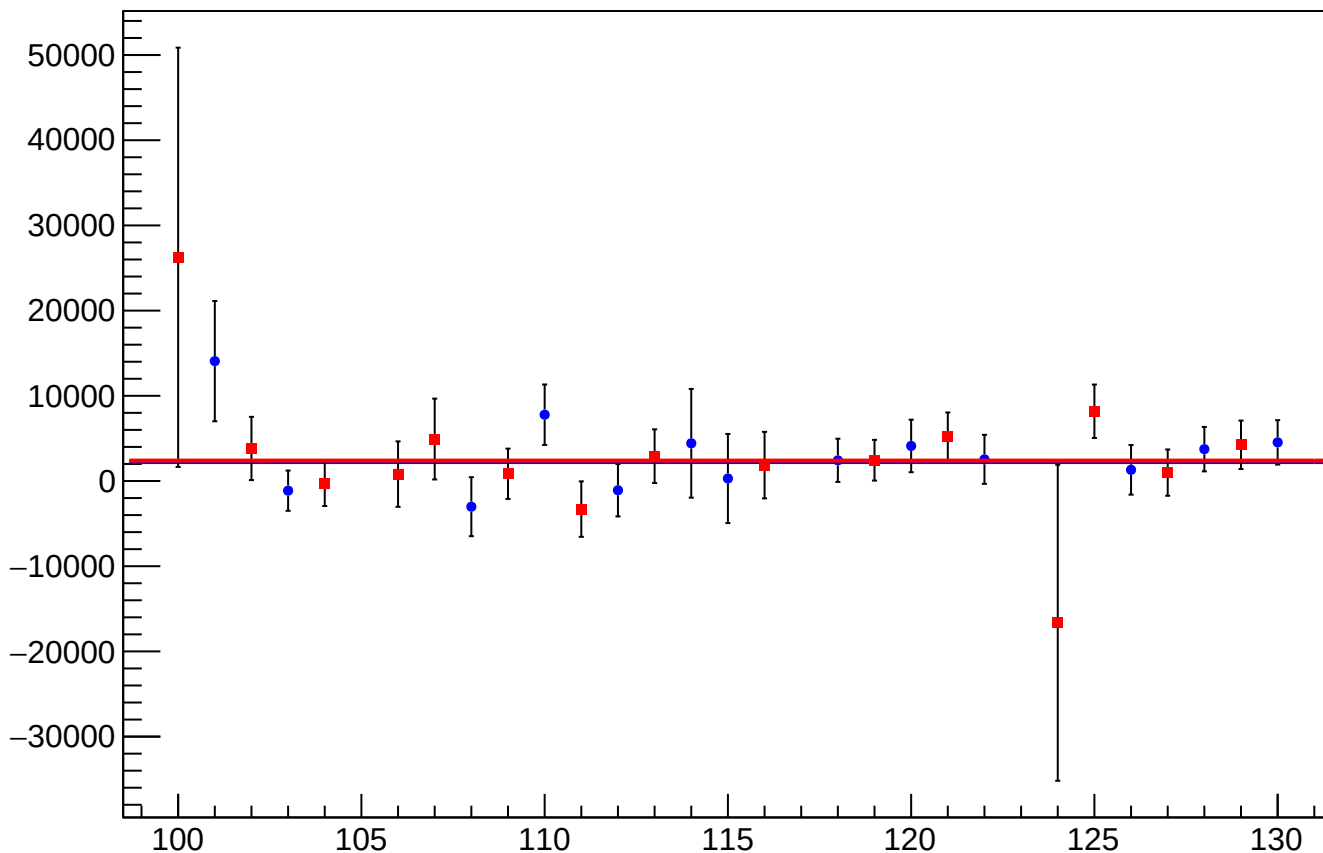
Right: 0.000+/-0.000 χ^2/NDF : 4111657.9/27

In: 0.000+/-0.000 χ^2/NDF : 2269610.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4111657.9/27

reg_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2224.443+/-869.499 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2396.333+/-852.592 χ^2/NDF : 12.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

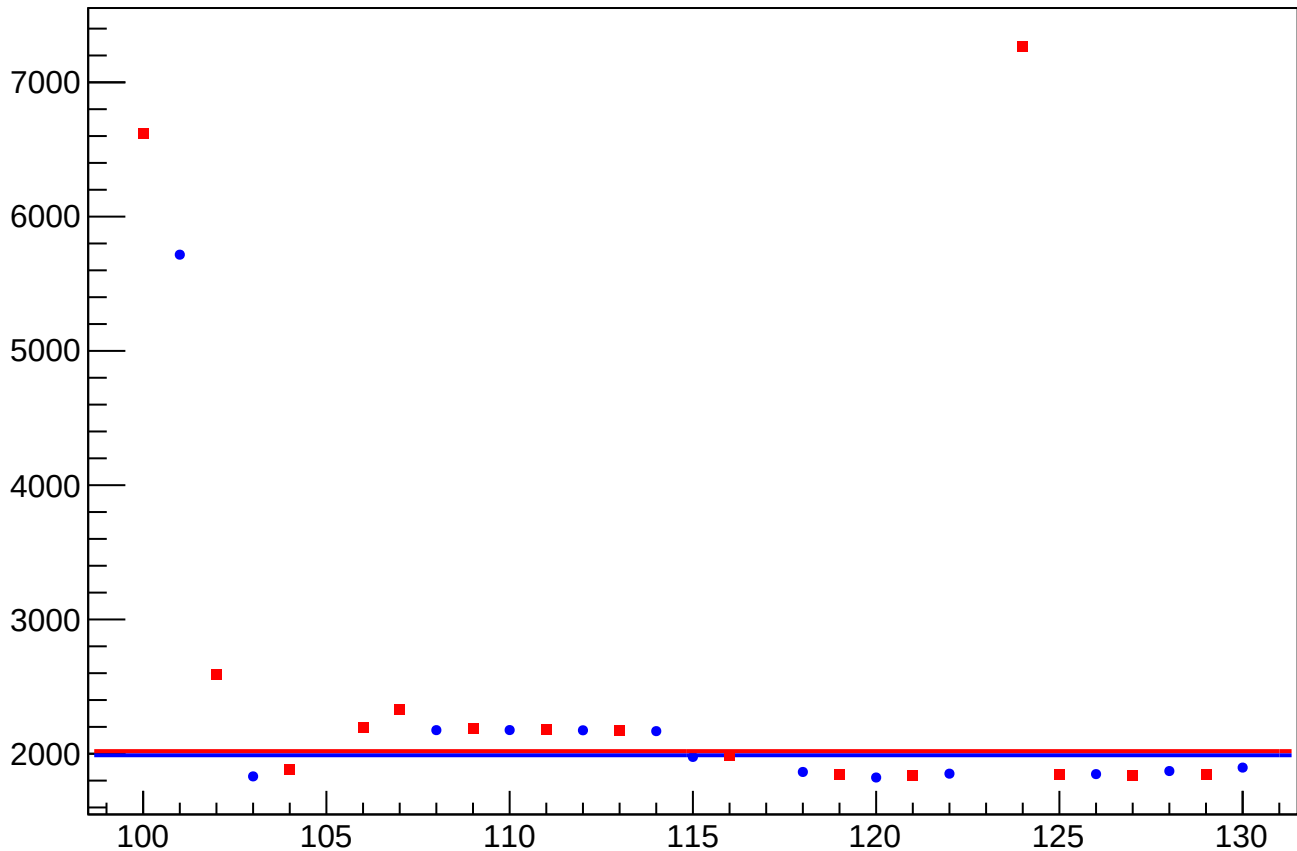
Right: 2312.076+/-608.763 χ^2/NDF : 24.8/27

In: 2224.443+/-869.499 χ^2/NDF : 12.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2312.076+/-608.763 χ^2/NDF : 24.8/27

reg_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1988.843+/-0.615 χ^2/NDF : 613207.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2019.504+/-0.603 χ^2/NDF : 353300.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

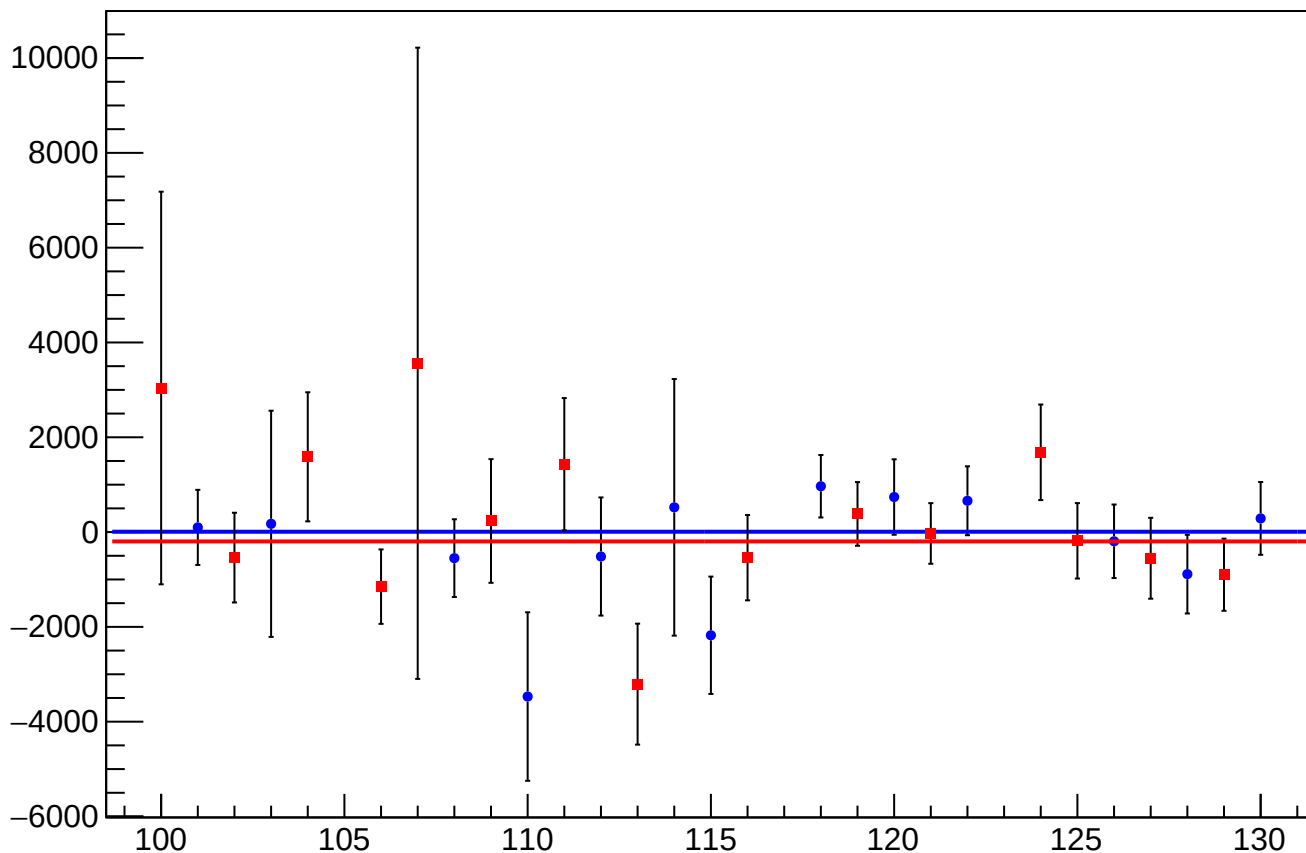
Right: 2004.474+/-0.430 χ^2/NDF : 967775.5/27

In: 1988.843+/-0.615 χ^2/NDF : 613207.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2004.474+/-0.430 χ^2/NDF : 967775.5/27

asym_at1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 7.318+/-253.286 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -197.818+/-245.215 χ^2/NDF : 16.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

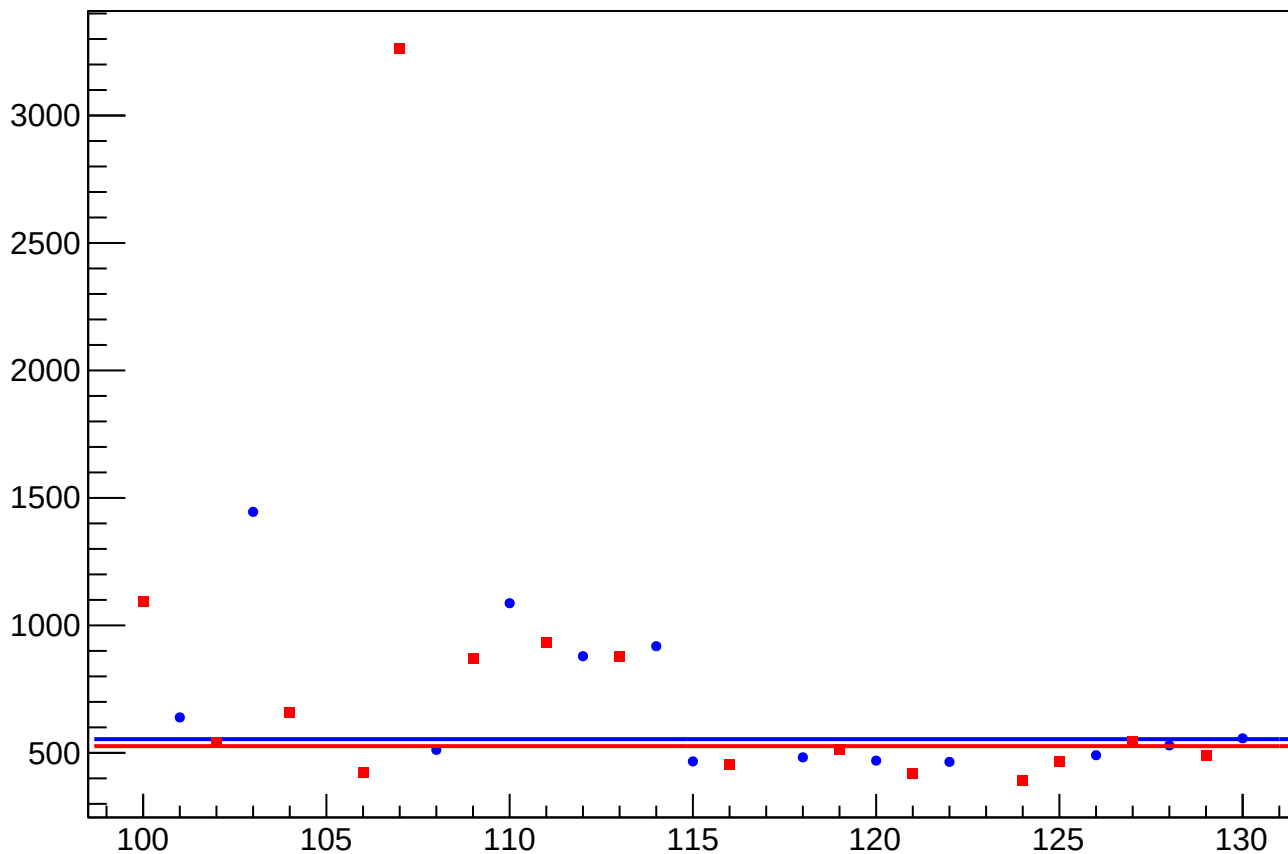
Right: -98.570+/-176.178 χ^2/NDF : 29.9/27

In: 7.318+/-253.286 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -98.570+/-176.178 χ^2/NDF : 29.9/27

asym_at1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 553.839+/-0.179 χ^2/NDF : 761120.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 526.390+/-0.173 χ^2/NDF : 1011475.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

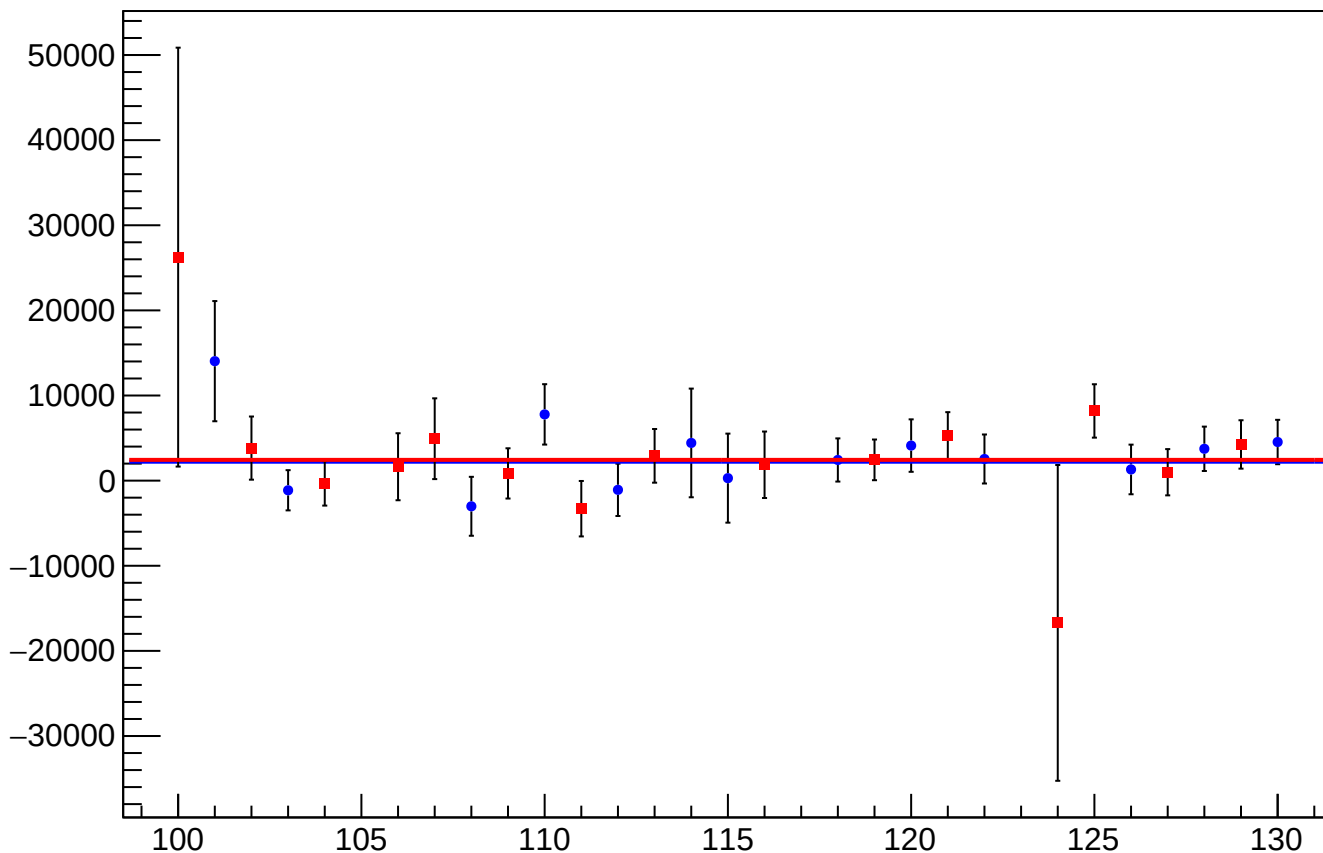
Right: 539.670+/-0.125 χ^2/NDF : 1784719.8/27

In: 553.839+/-0.179 χ^2/NDF : 761120.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 539.670+/-0.125 χ^2/NDF : 1784719.8/27

cor_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2224.032+/-869.500 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2439.055+/-853.598 χ^2/NDF : 12.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

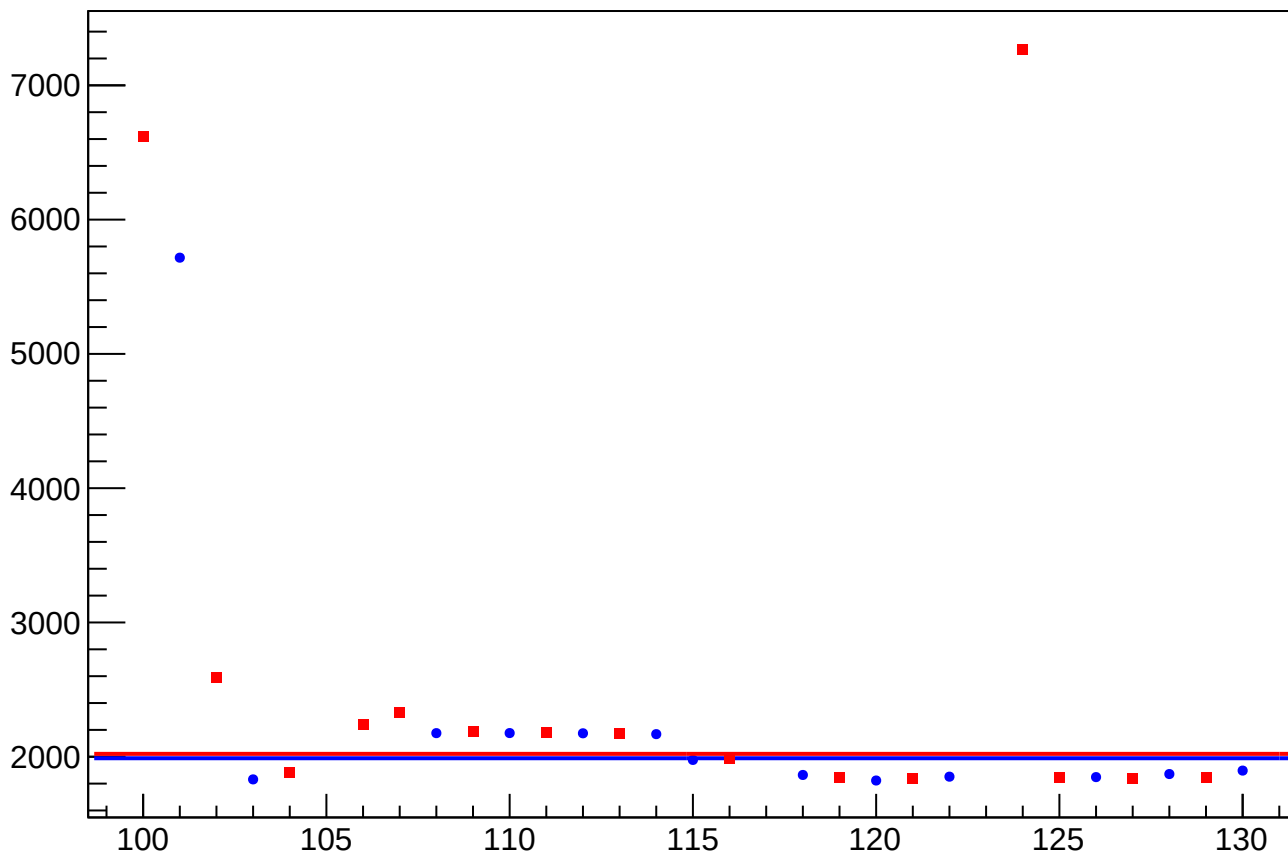
Right: 2333.527+/-609.129 χ^2/NDF : 24.7/27

In: 2224.032+/-869.500 χ^2/NDF : 12.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2333.527+/-609.129 χ^2/NDF : 24.7/27

cor_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1988.843+/-0.615 χ^2/NDF : 613207.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2021.483+/-0.604 χ^2/NDF : 355696.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

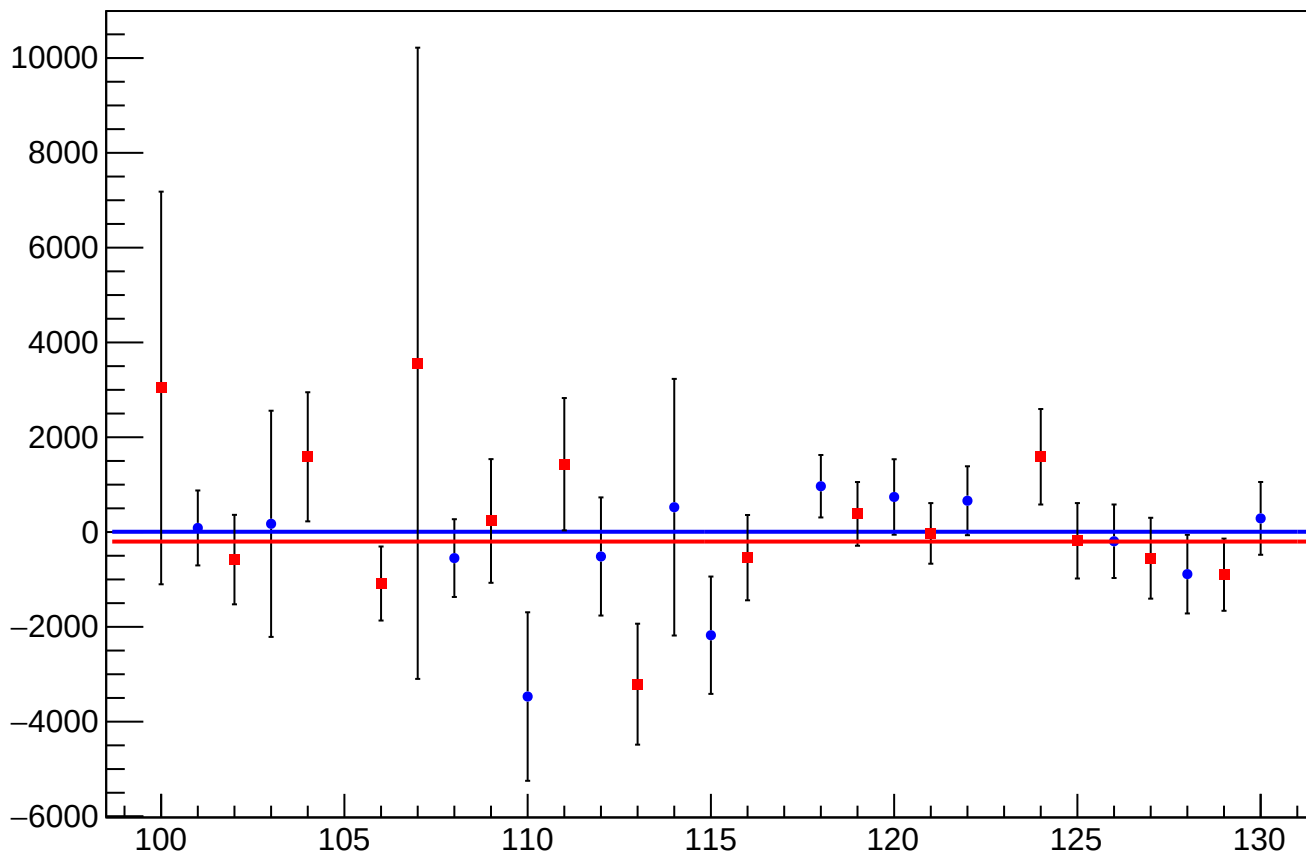
Right: 2005.464+/-0.431 χ^2/NDF : 970339.3/27

In: 1988.843+/-0.615 χ^2/NDF : 613207.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2005.464+/-0.431 χ^2/NDF : 970339.3/27

asym_at1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 6.240+/-253.223 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -200.910+/-245.030 χ^2/NDF : 16.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

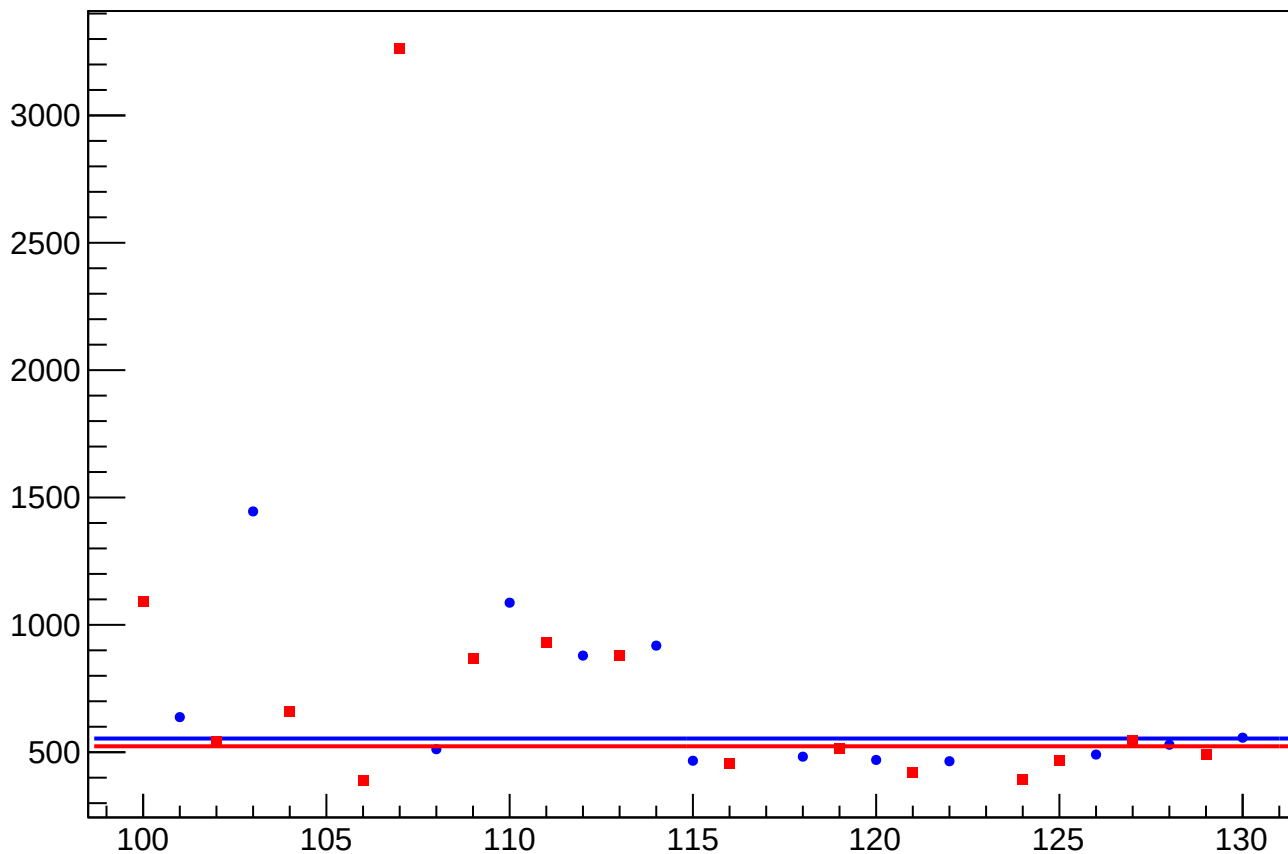
Right: -100.741+/-176.087 χ^2/NDF : 29.4/27

In: 6.240+/-253.223 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -100.741+/-176.087 χ^2/NDF : 29.4/27

asym_at1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 553.742+/-0.179 χ^2/NDF : 760457.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 523.257+/-0.173 χ^2/NDF : 1038839.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

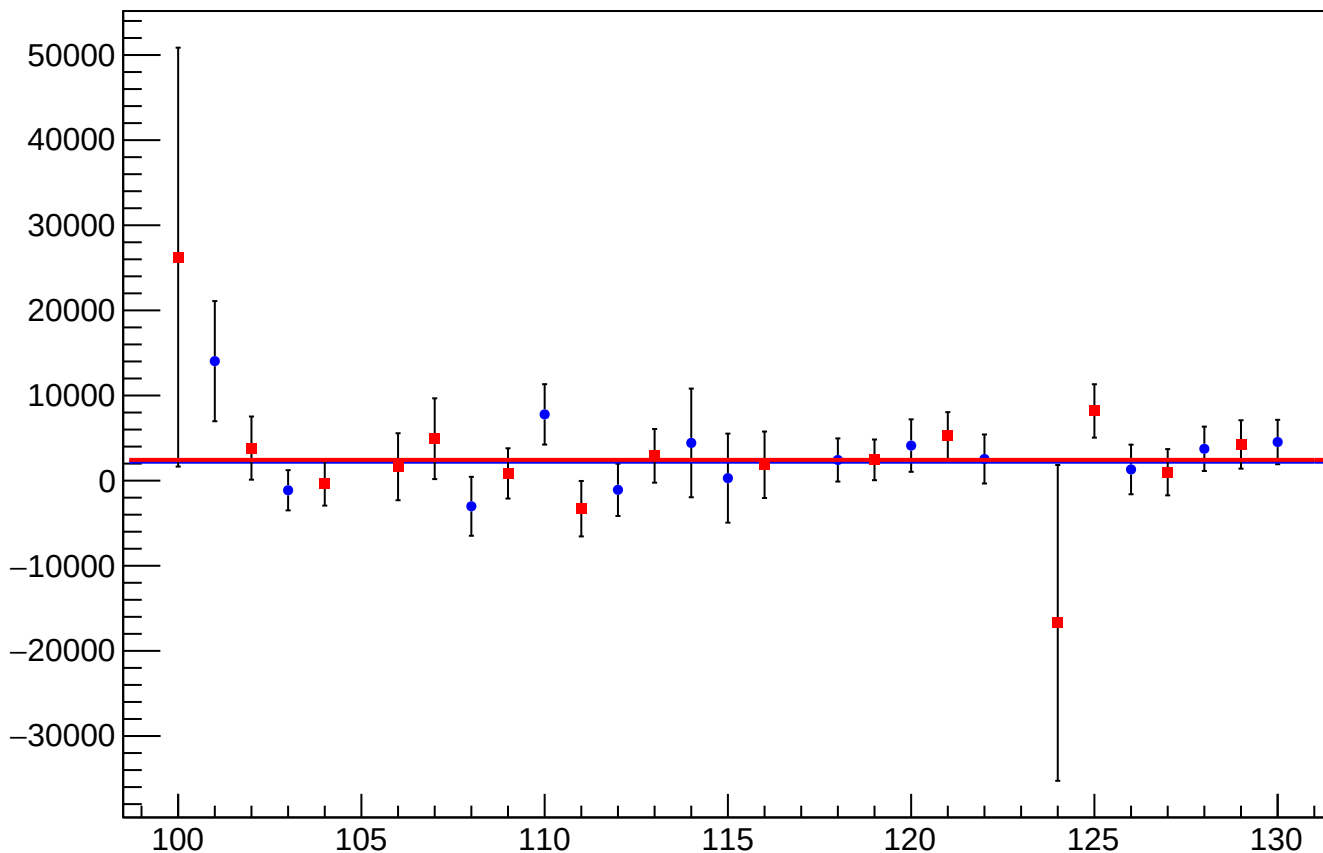
Right: 537.998+/-0.125 χ^2/NDF : 1814267.3/27

In: 553.742+/-0.179 χ^2/NDF : 760457.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 537.998+/-0.125 χ^2/NDF : 1814267.3/27

eigen_cor_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2224.032+/-869.500 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2439.055+/-853.598 χ^2/NDF : 12.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

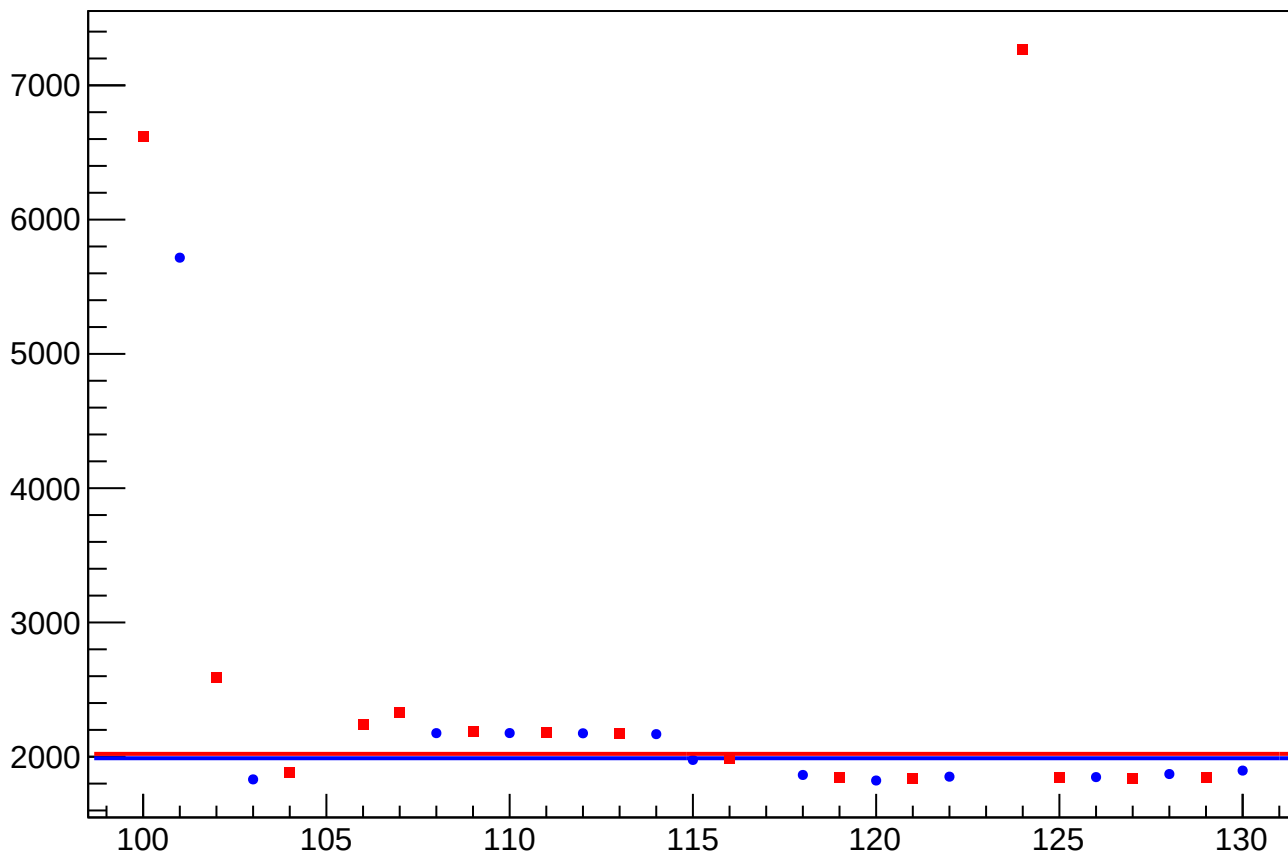
Right: 2333.527+/-609.129 χ^2/NDF : 24.7/27

In: 2224.032+/-869.500 χ^2/NDF : 12.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2333.527+/-609.129 χ^2/NDF : 24.7/27

eigen_cor_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1988.843+/-0.615 χ^2/NDF : 613207.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2021.483+/-0.604 χ^2/NDF : 355696.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

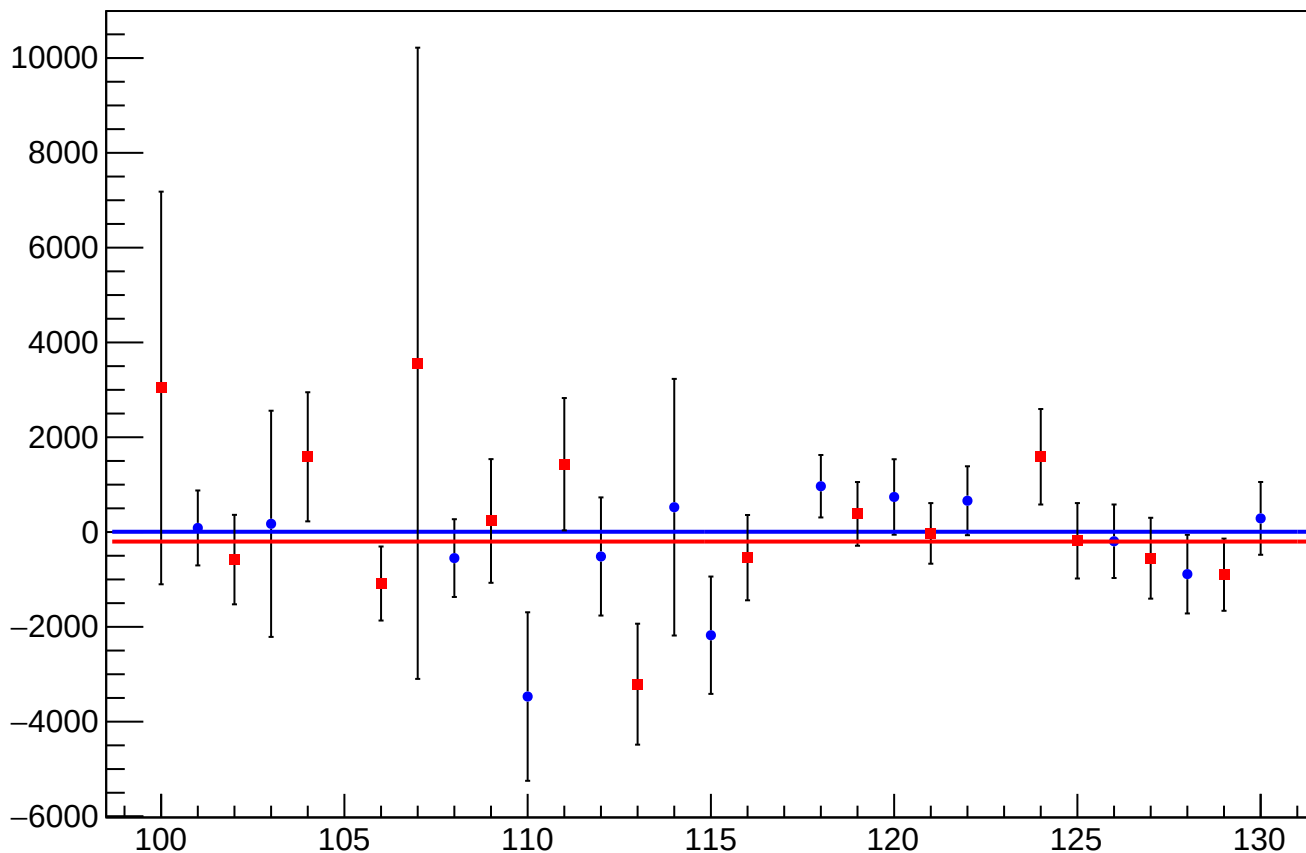
Right: 2005.464+/-0.431 χ^2/NDF : 970339.3/27

In: 1988.843+/-0.615 χ^2/NDF : 613207.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2005.464+/-0.431 χ^2/NDF : 970339.3/27

asym_at1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 6.240+/-253.223 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -200.910+/-245.030 χ^2/NDF : 16.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

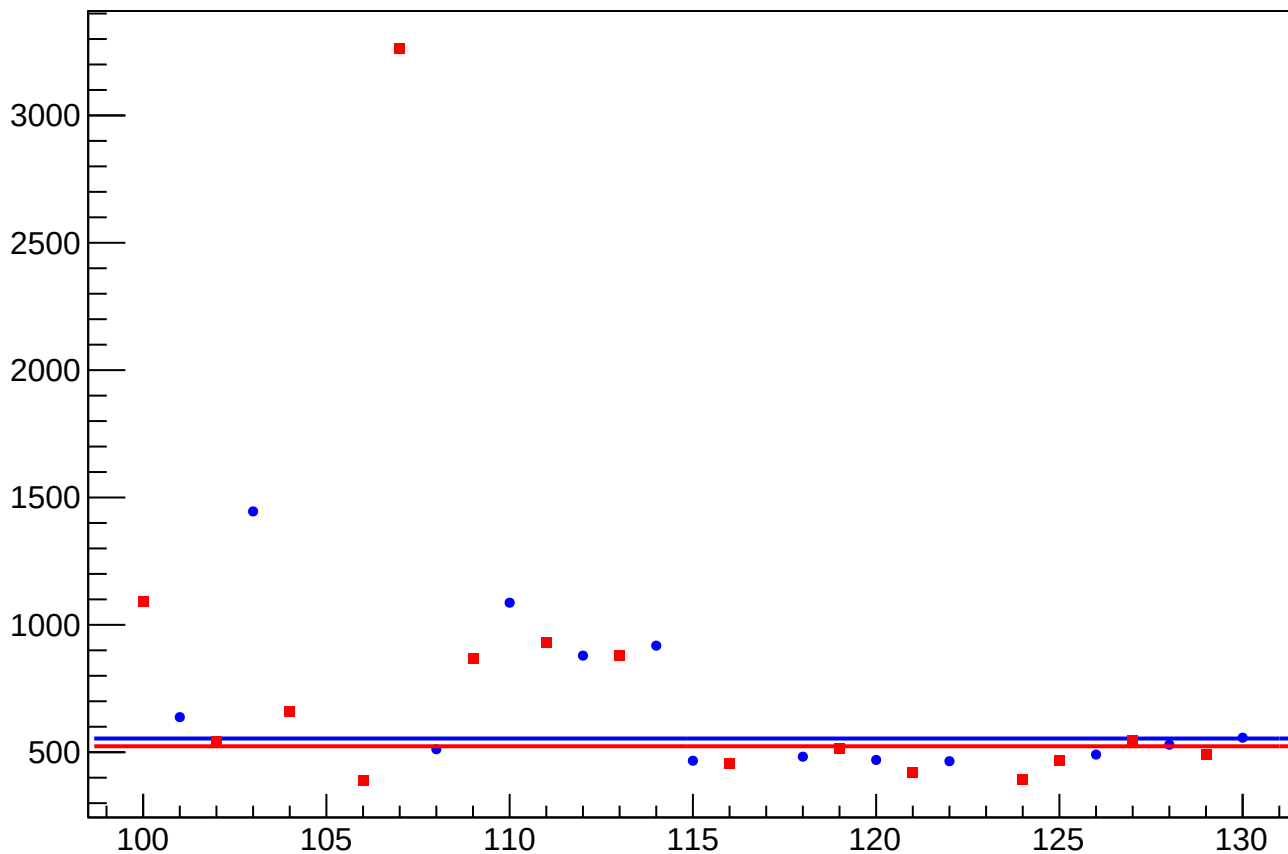
Right: -100.741+/-176.087 χ^2/NDF : 29.4/27

In: 6.240+/-253.223 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -100.741+/-176.087 χ^2/NDF : 29.4/27

asym_at1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 553.742+/-0.179 χ^2/NDF : 760457.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 523.257+/-0.173 χ^2/NDF : 1038839.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

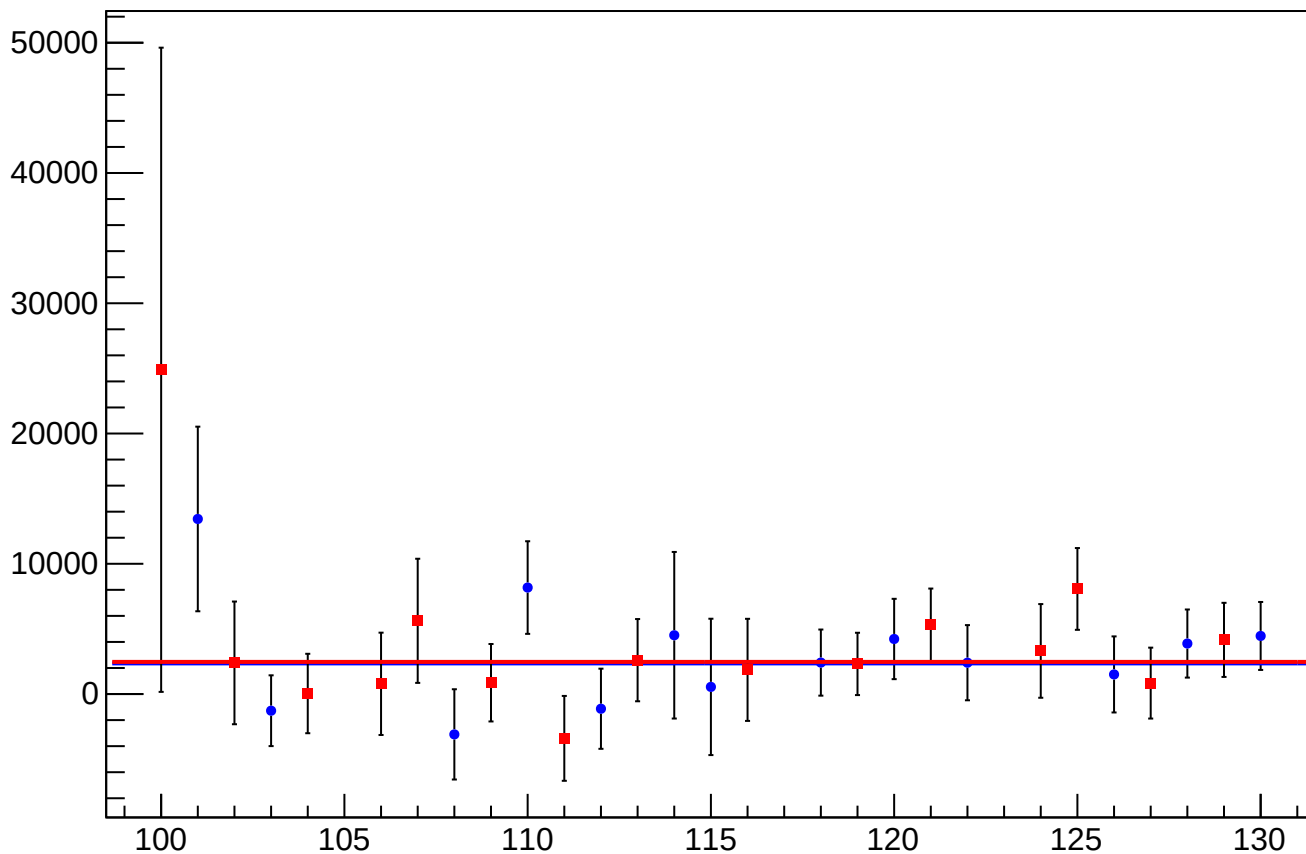
Right: 537.998+/-0.125 χ^2/NDF : 1814267.3/27

In: 553.742+/-0.179 χ^2/NDF : 760457.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 537.998+/-0.125 χ^2/NDF : 1814267.3/27

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2353.403+/-885.411 χ^2/NDF : 12.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2468.405+/-852.357 χ^2/NDF : 10.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

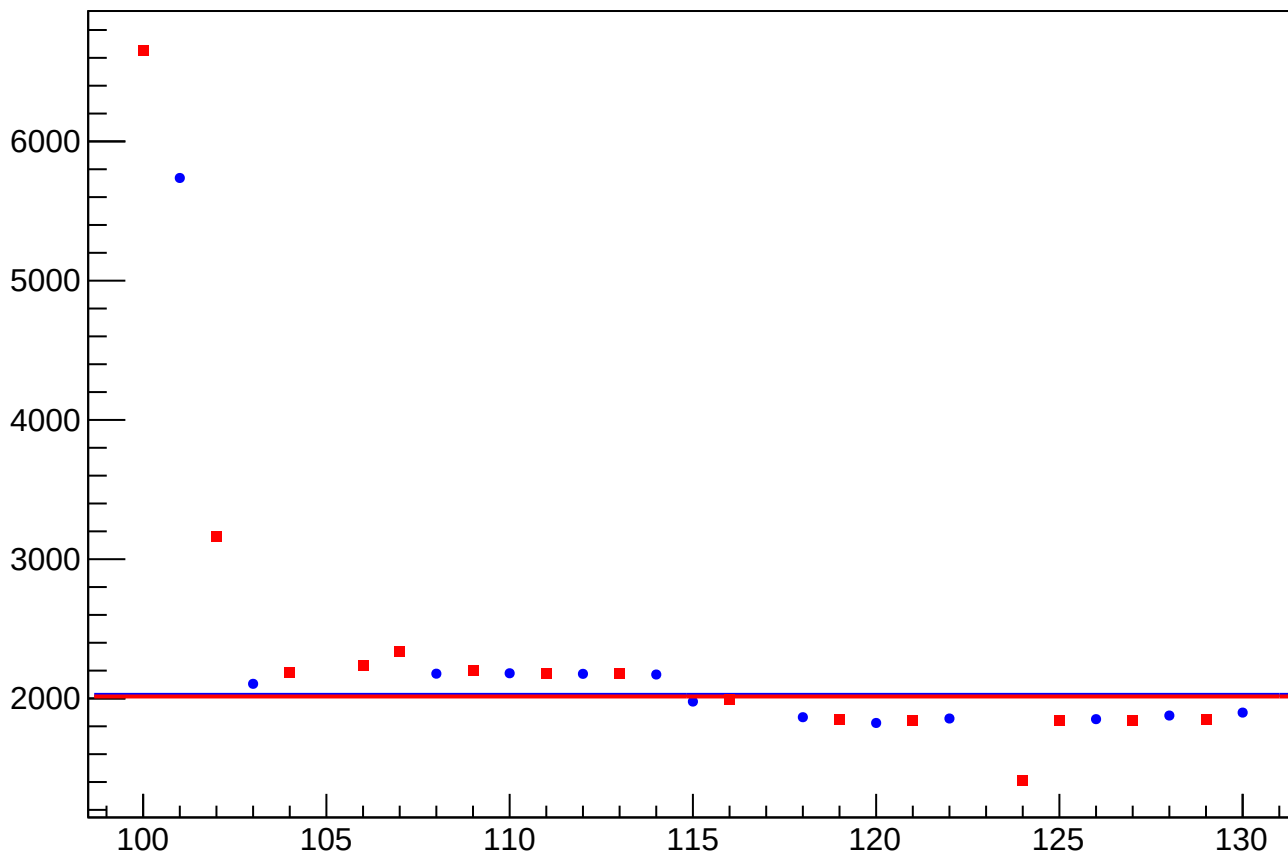
Right: 2413.091+/-614.061 χ^2/NDF : 23.0/27

In: 2353.403+/-885.411 χ^2/NDF :12.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2413.091+/-614.061 χ^2/NDF : 23.0/27

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2025.836+/-0.626 χ^2/NDF : 605929.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2014.153+/-0.603 χ^2/NDF : 323918.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

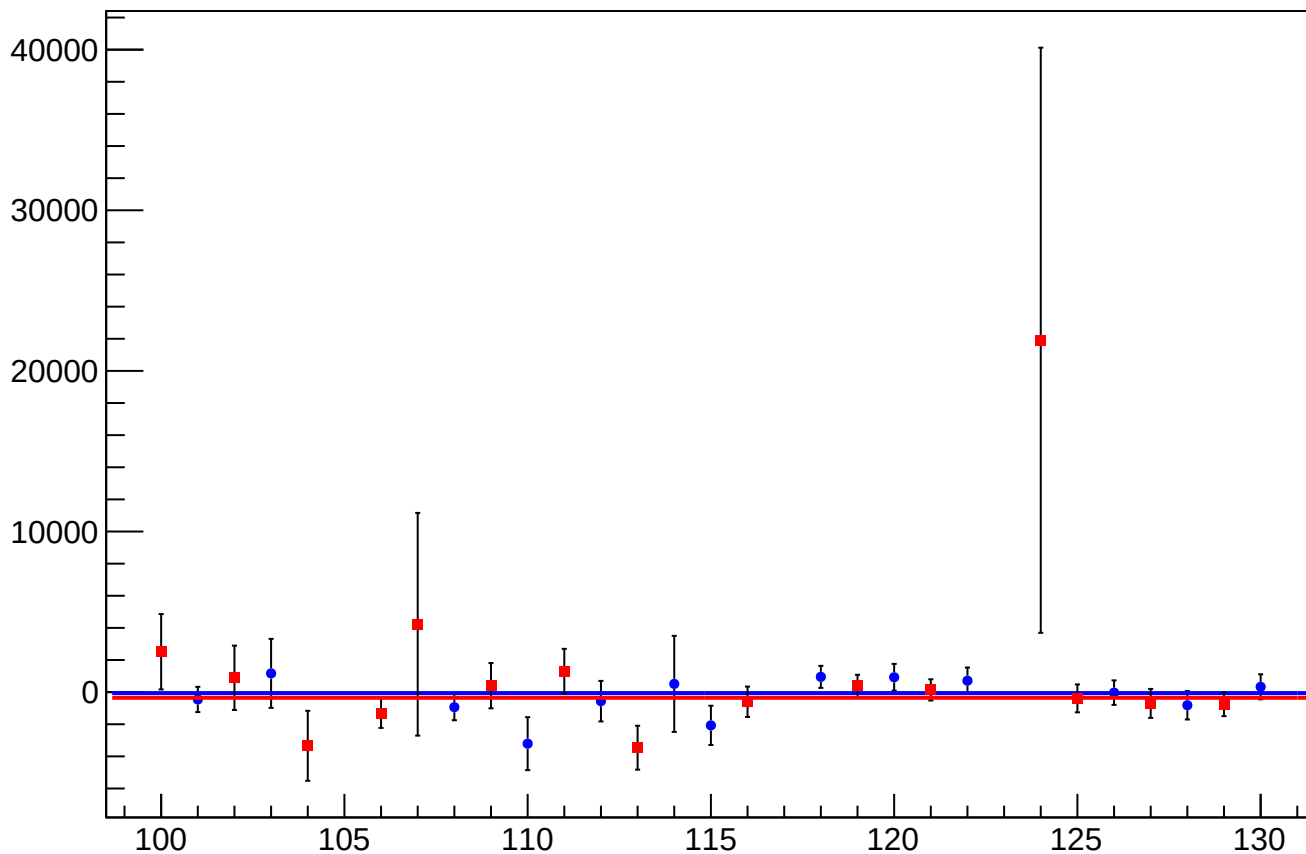
Right: 2019.772+/-0.434 χ^2/NDF : 930029.5/27

In: 2025.836+/-0.626 χ^2/NDF :605929.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2019.772+/-0.434 χ^2/NDF : 930029.5/27

asym_at1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -58.928 ± 259.892 χ^2/NDF : 13.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -351.519 ± 274.508 χ^2/NDF : 15.8/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

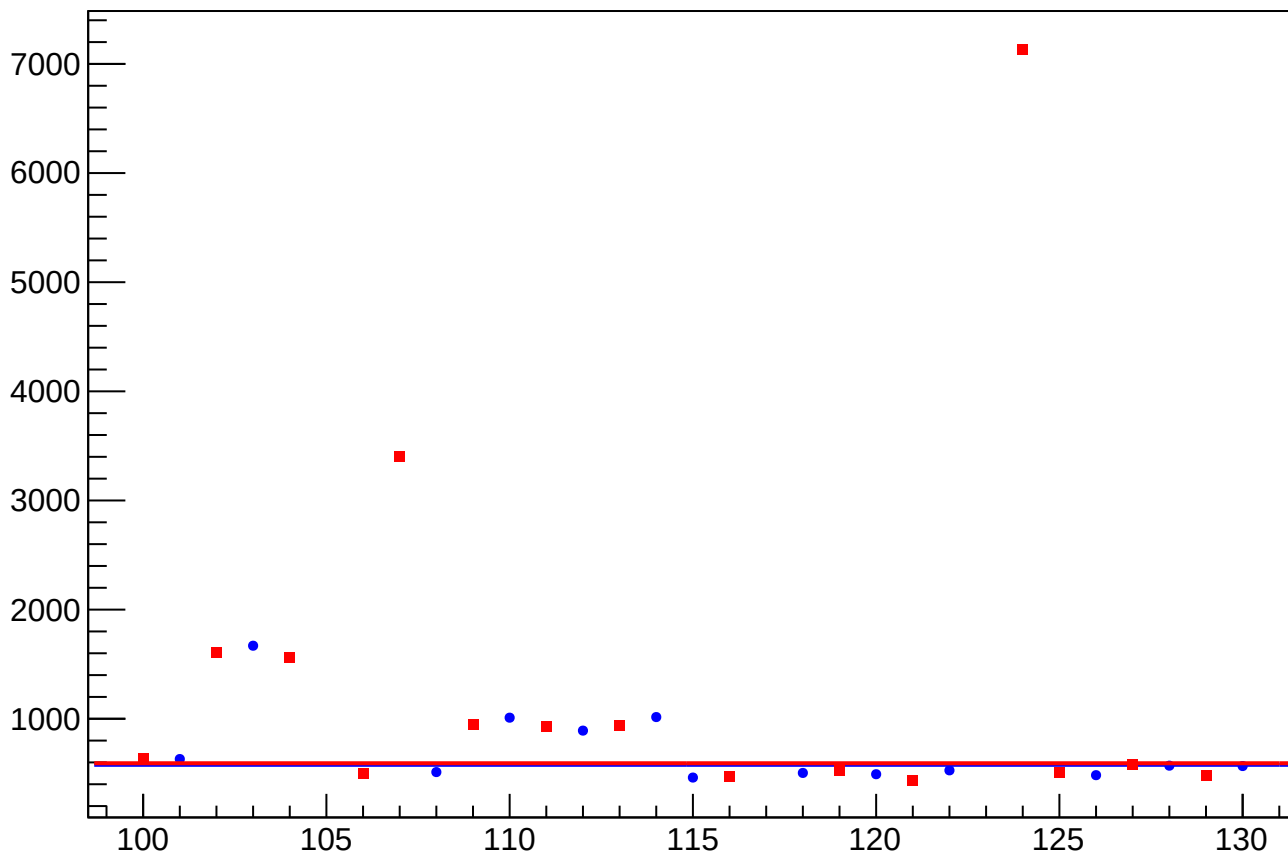
Right: -197.227 ± 188.727 χ^2/NDF : 30.1/27

In: -58.928 ± 259.892 χ^2/NDF : 13.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -197.227 ± 188.727 χ^2/NDF : 30.1/27

asym_at1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 577.942+/-0.184 χ^2/NDF : 944283.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 592.367+/-0.194 χ^2/NDF : 2125299.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

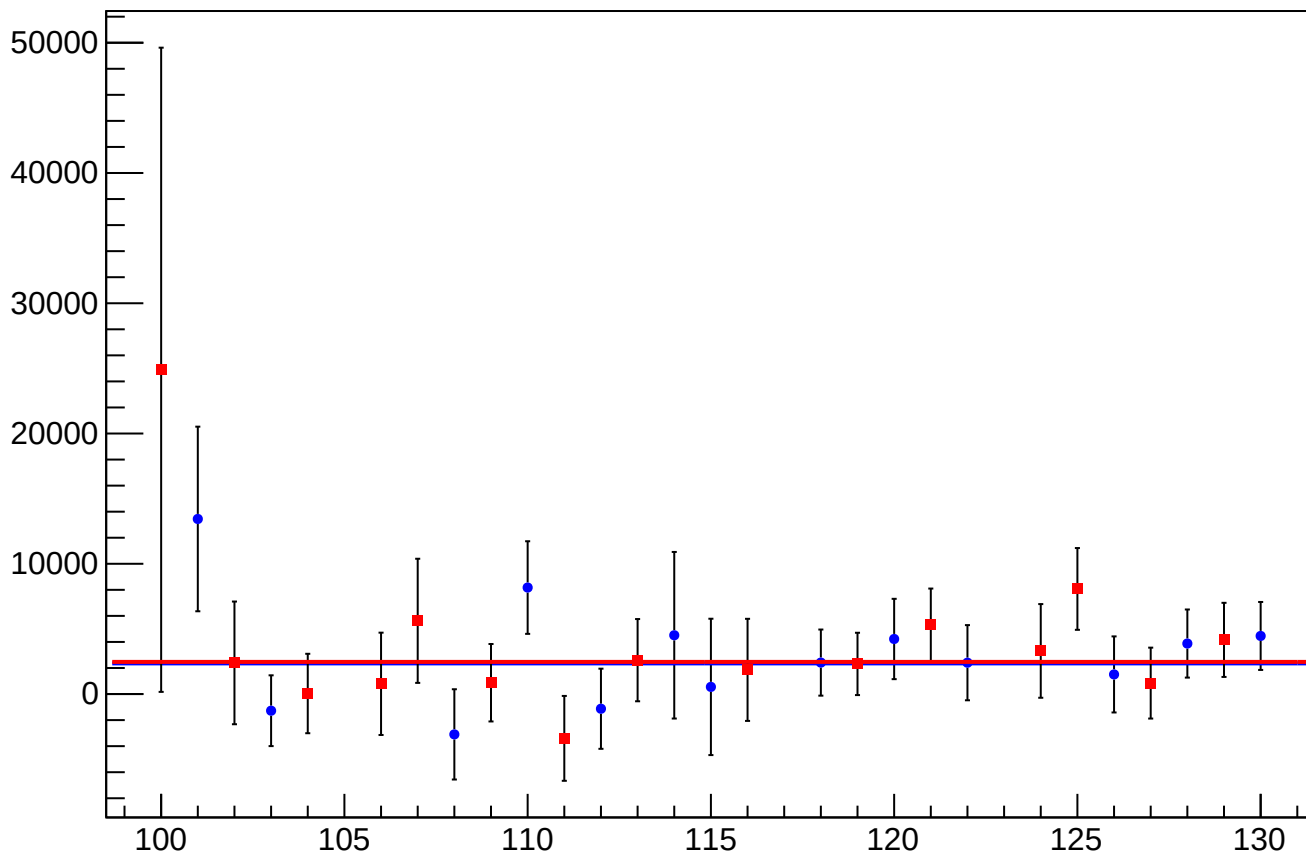
Right: 584.760+/-0.133 χ^2/NDF : 3072495.2/27

In: 577.942+/-0.184 χ^2/NDF :944283.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 584.760+/-0.133 χ^2/NDF : 3072495.2/27

eigen_dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2353.401+/-885.411 χ^2/NDF : 12.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2468.403+/-852.357 χ^2/NDF : 10.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

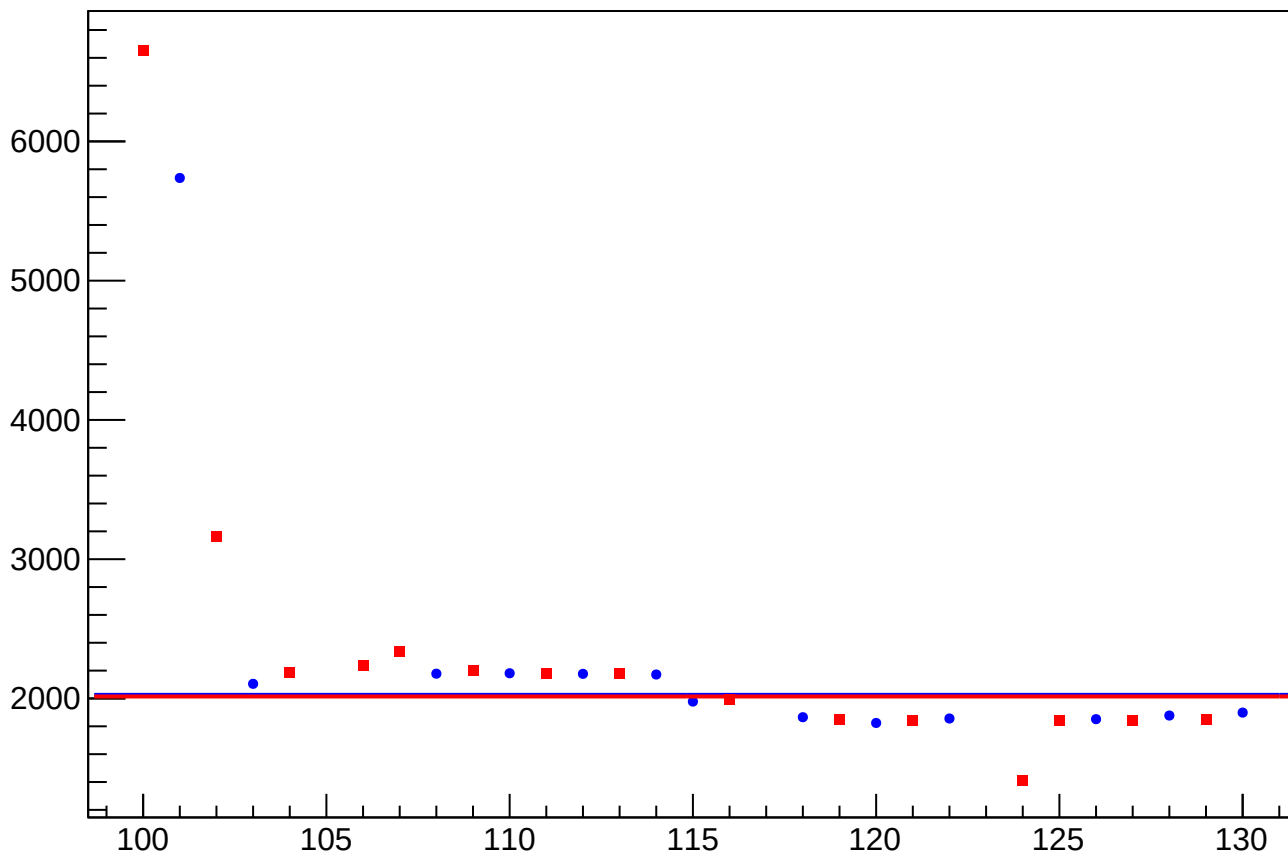
Right: 2413.089+/-614.061 χ^2/NDF : 23.0/27

In: 2353.401+/-885.411 χ^2/NDF : 12.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2413.089+/-614.061 χ^2/NDF : 23.0/27

eigen_dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2025.836+/-0.626 χ^2/NDF : 605929.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2014.153+/-0.603 χ^2/NDF : 323917.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

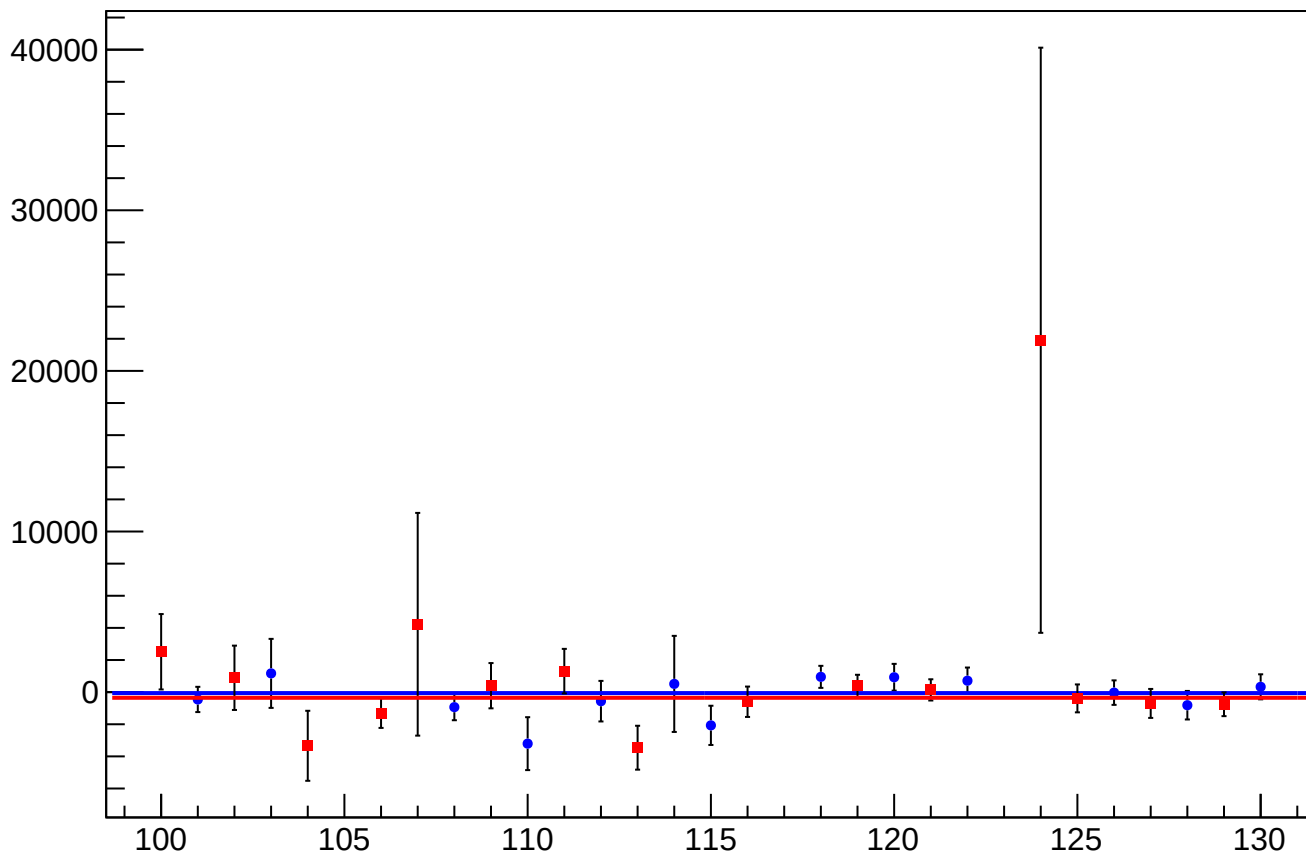
Right: 2019.772+/-0.434 χ^2/NDF : 930028.2/27

In: 2025.836+/-0.626 χ^2/NDF : 605929.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2019.772+/-0.434 χ^2/NDF : 930028.2/27

asym_at1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -58.928 ± 259.892 χ^2/NDF : 13.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -351.518 ± 274.508 χ^2/NDF : 15.8/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

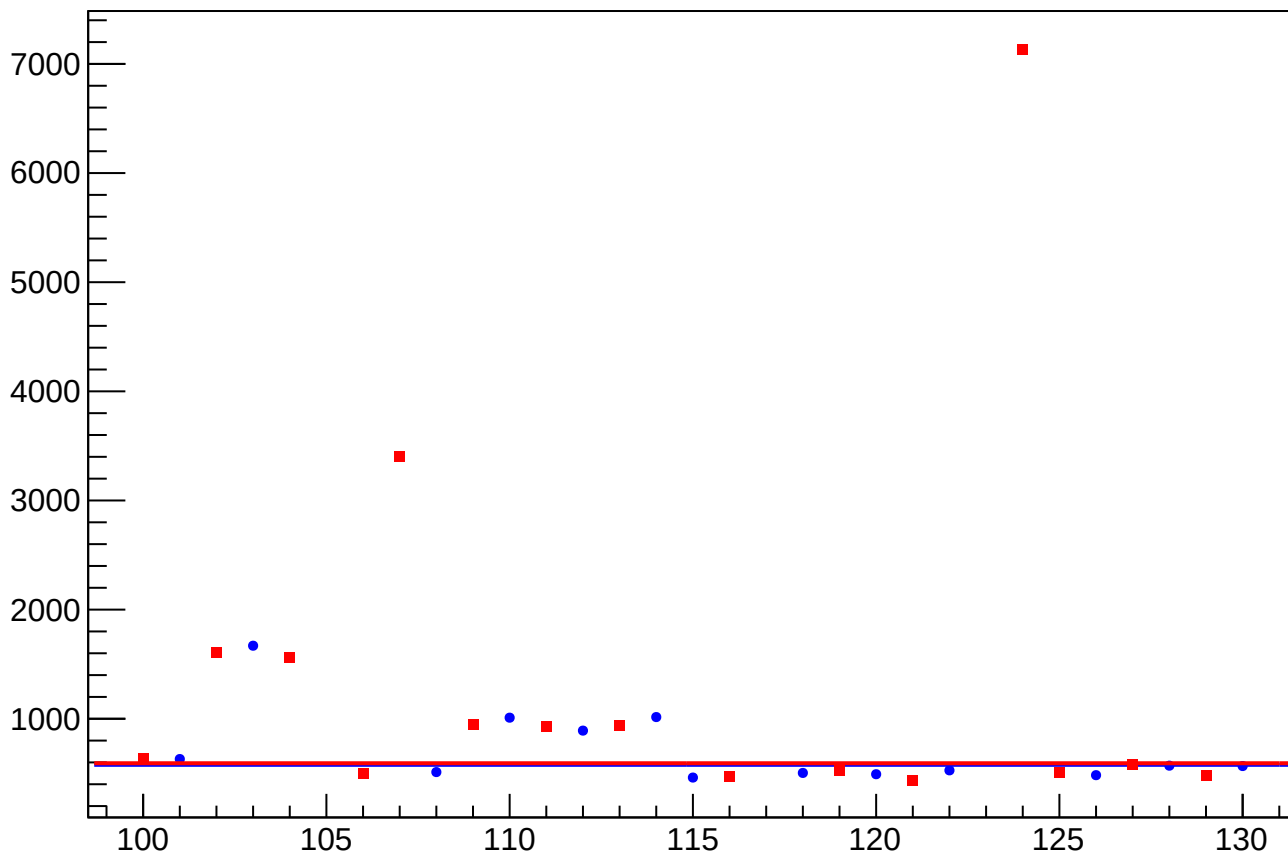
Right: -197.226 ± 188.727 χ^2/NDF : 30.1/27

In: -58.928 ± 259.892 χ^2/NDF : 13.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -197.226 ± 188.727 χ^2/NDF : 30.1/27

asym_at1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 577.941+/-0.184 χ^2/NDF : 944287.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 592.366+/-0.194 χ^2/NDF : 2125305.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

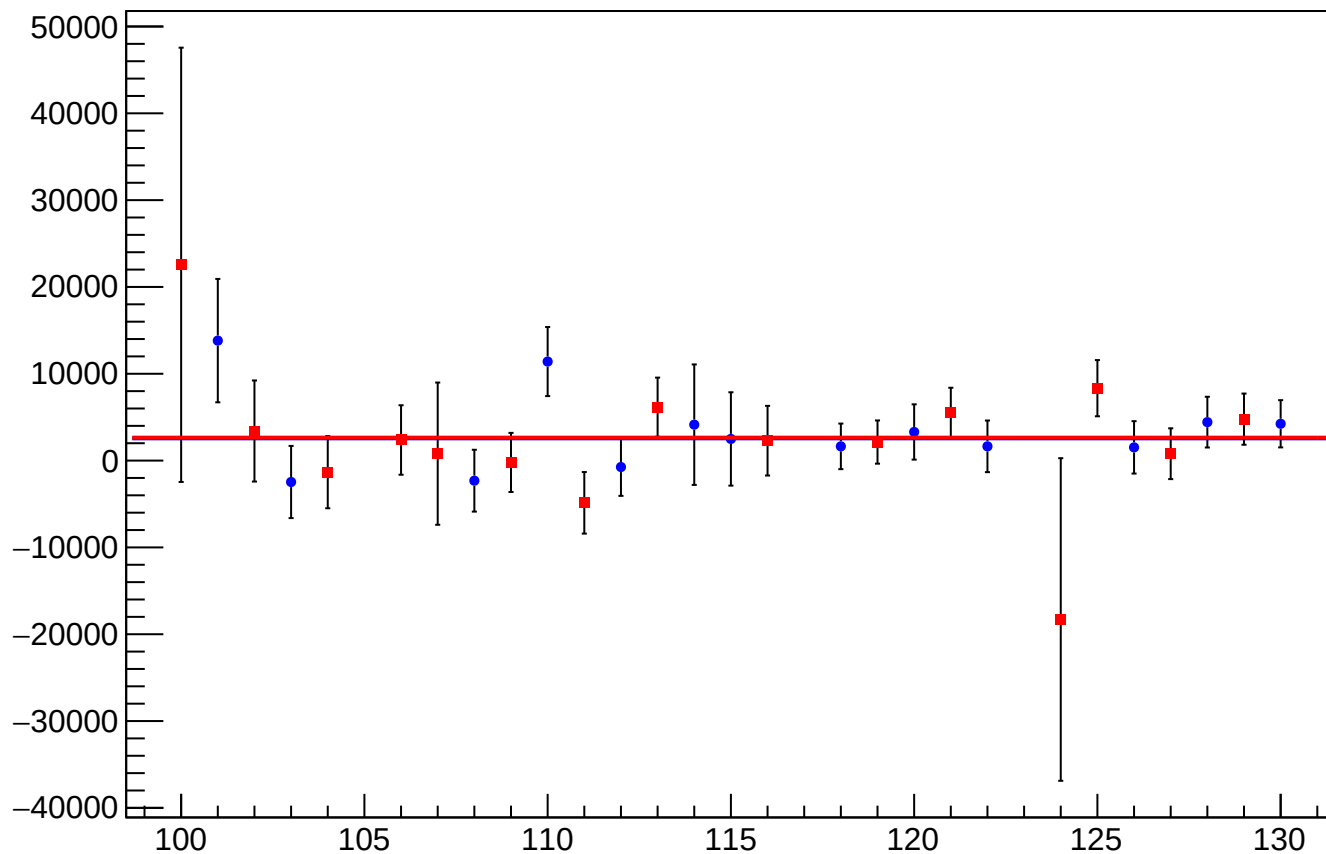
Right: 584.759+/-0.133 χ^2/NDF : 3072504.4/27

In: 577.941+/-0.184 χ^2/NDF :944287.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 584.759+/-0.133 χ^2/NDF : 3072504.4/27

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2565.082+/-960.196 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2640.873+/-955.999 χ^2/NDF : 14.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

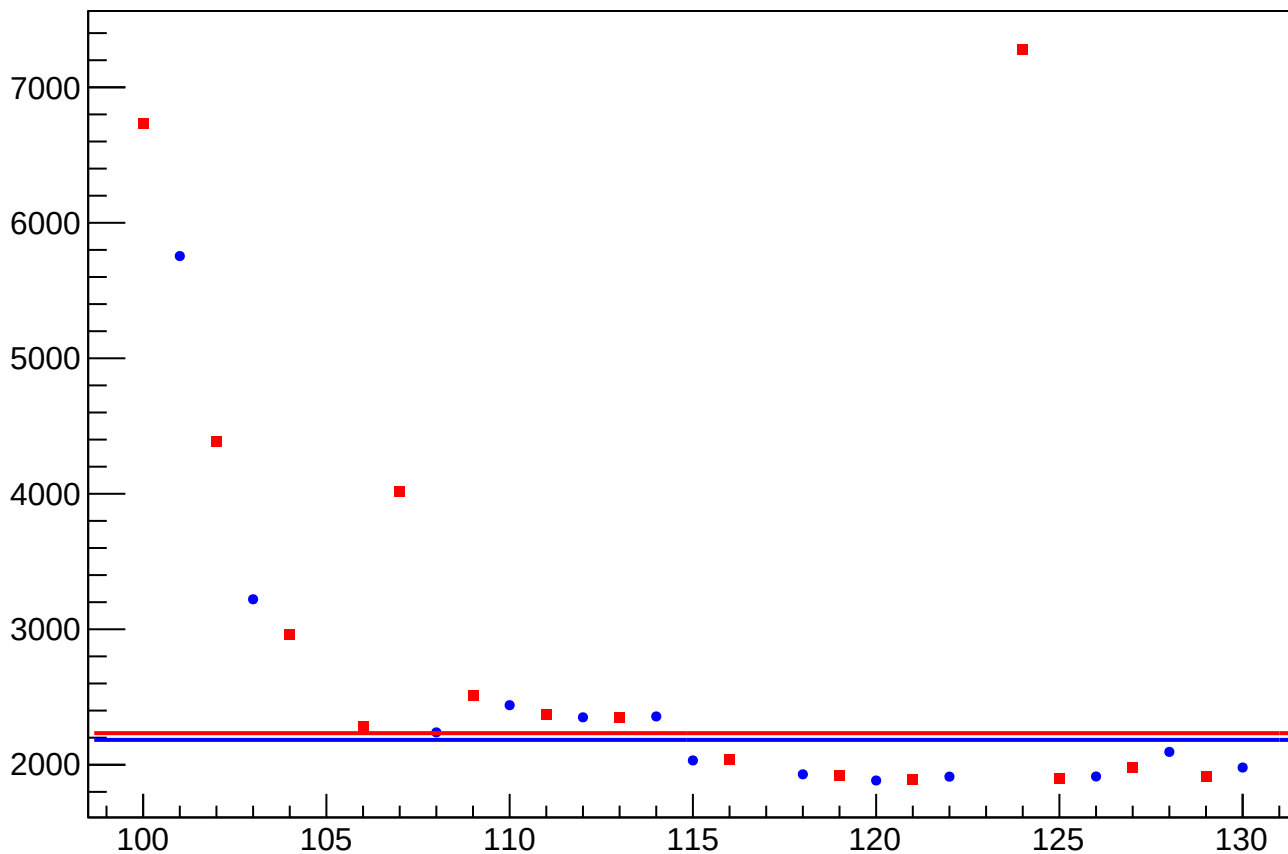
Right: 2603.144+/-677.472 χ^2/NDF : 27.2/27

In: 2565.082+/-960.196 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2603.144+/-677.472 χ^2/NDF : 27.2/27

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2183.758+/-0.679 χ^2/NDF : 728532.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2233.450+/-0.676 χ^2/NDF : 784926.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

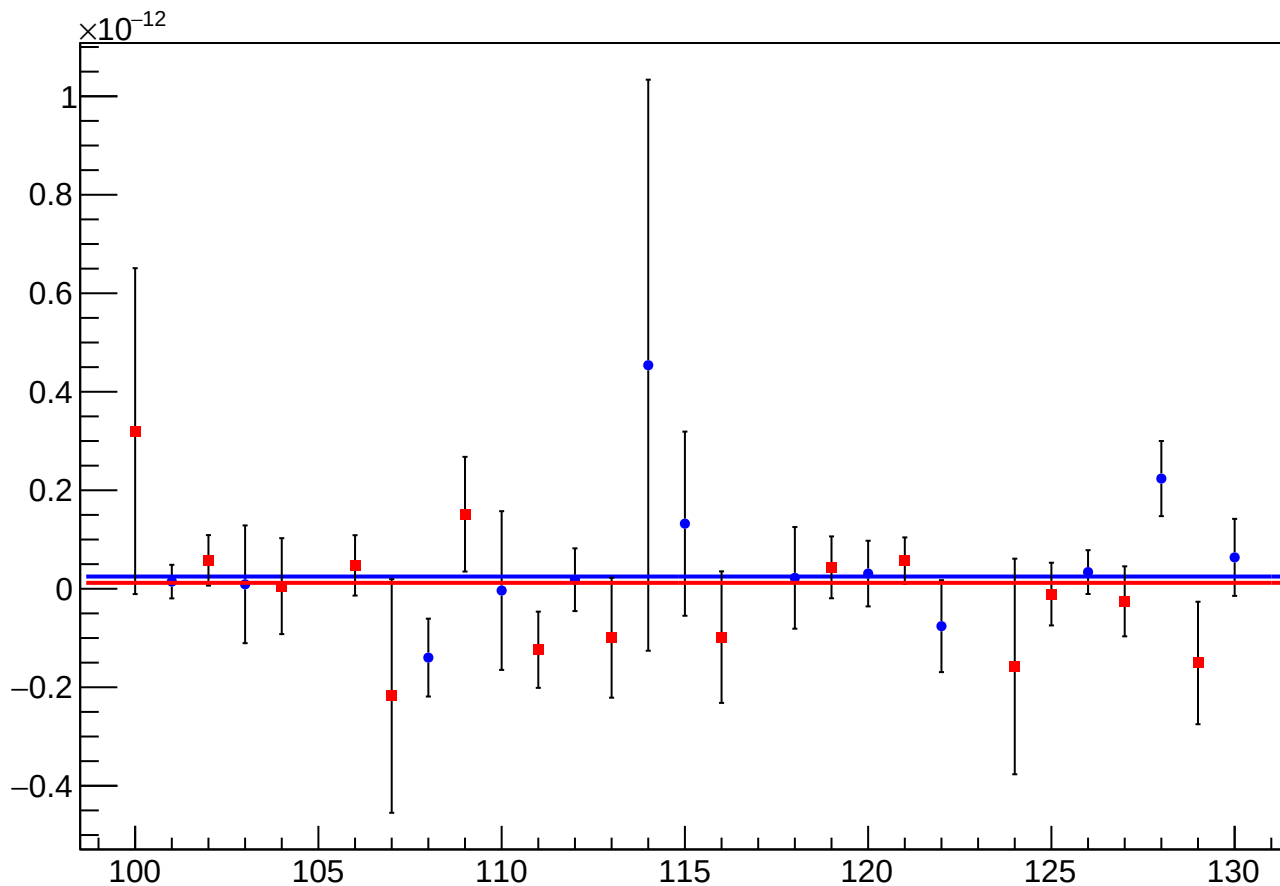
Right: 2208.713+/-0.479 χ^2/NDF : 1516149.6/27

In: 2183.758+/-0.679 χ^2/NDF : 728532.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2208.713+/-0.479 χ^2/NDF : 1516149.6/27

asym_at1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

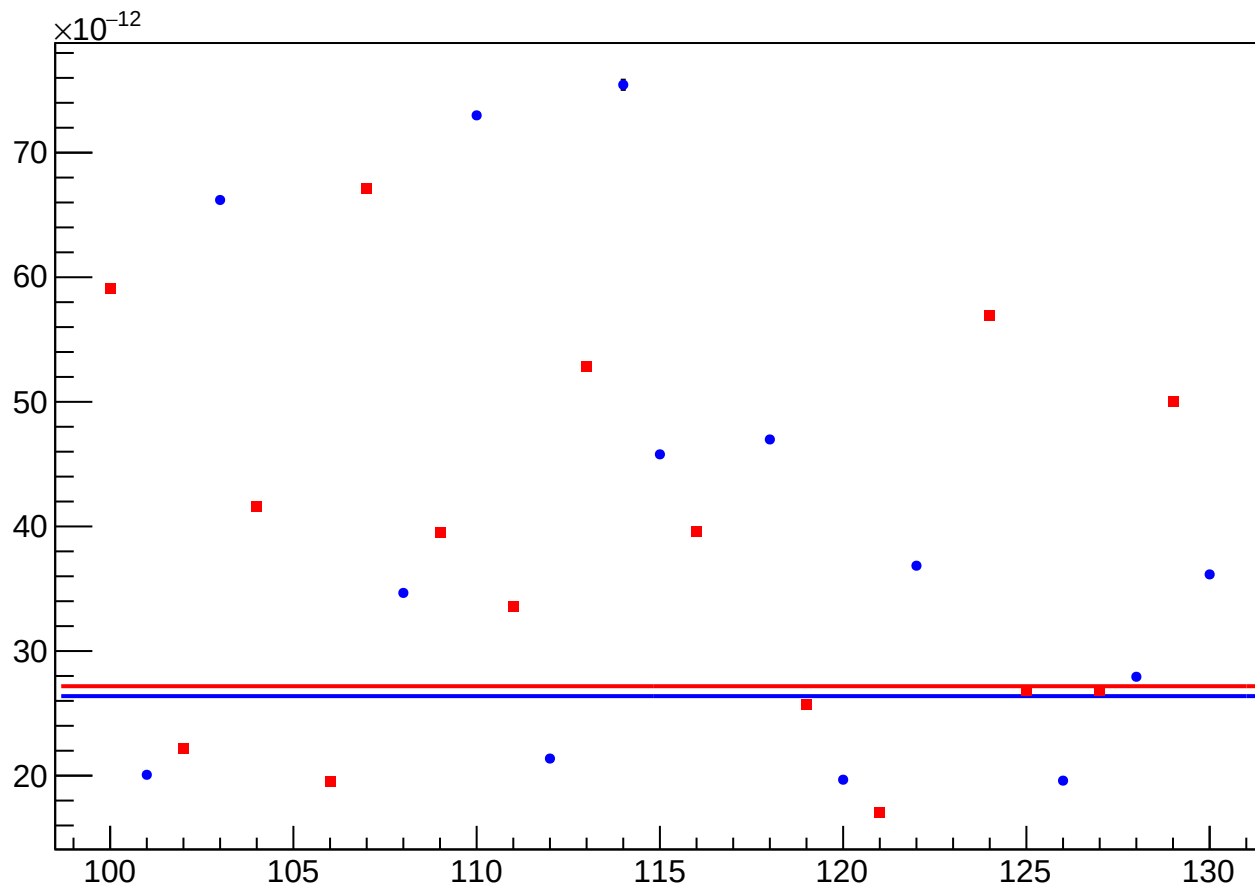
Right: 0.000+/-0.000 χ^2/NDF : 26.7/27

In: 0.000+/-0.000 χ^2/NDF : 13.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.7/27

asym_at1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 731772.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 510445.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

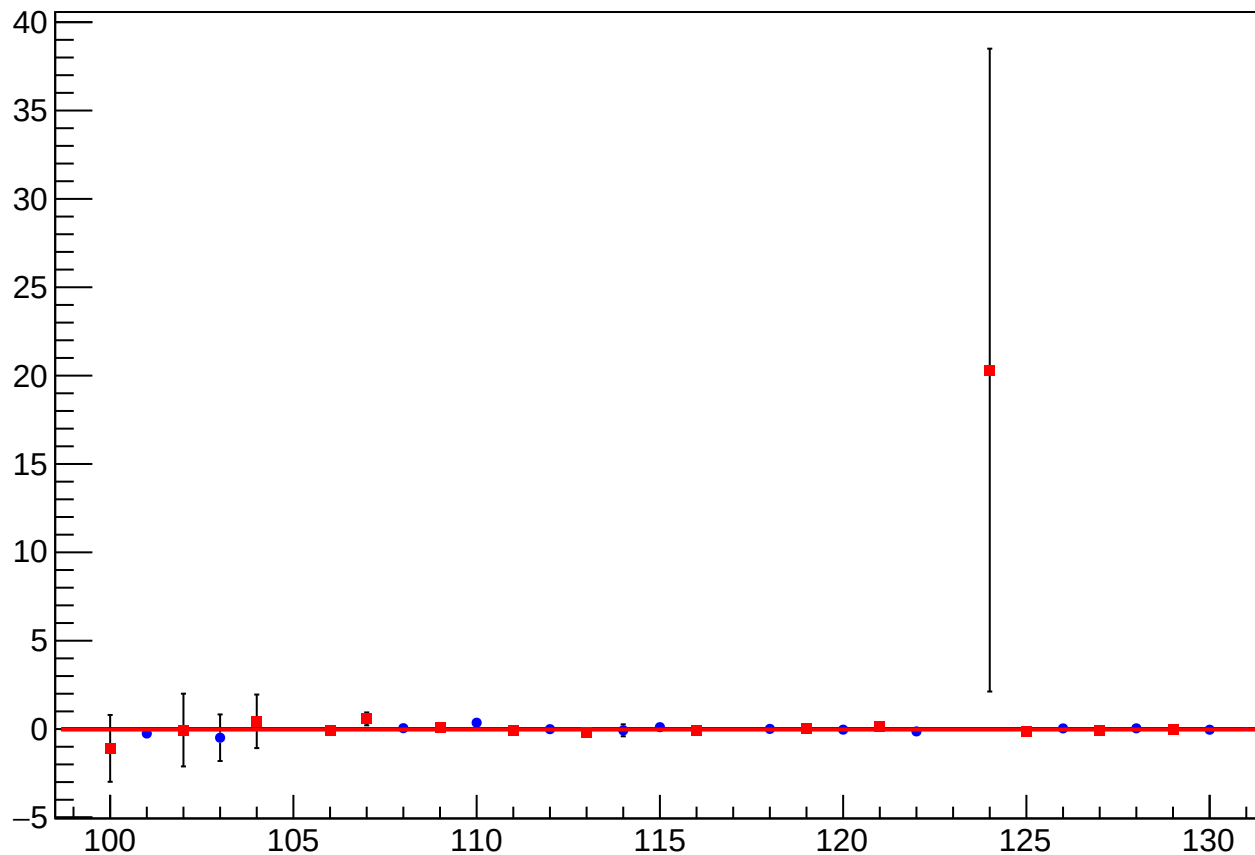
Right: 0.000+/-0.000 χ^2/NDF : 1243817.5/27

In: 0.000+/-0.000 χ^2/NDF : 731772.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1243817.5/27

asym_at1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.029 χ^2/NDF : 11.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.027+/-0.027 χ^2/NDF : 14.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

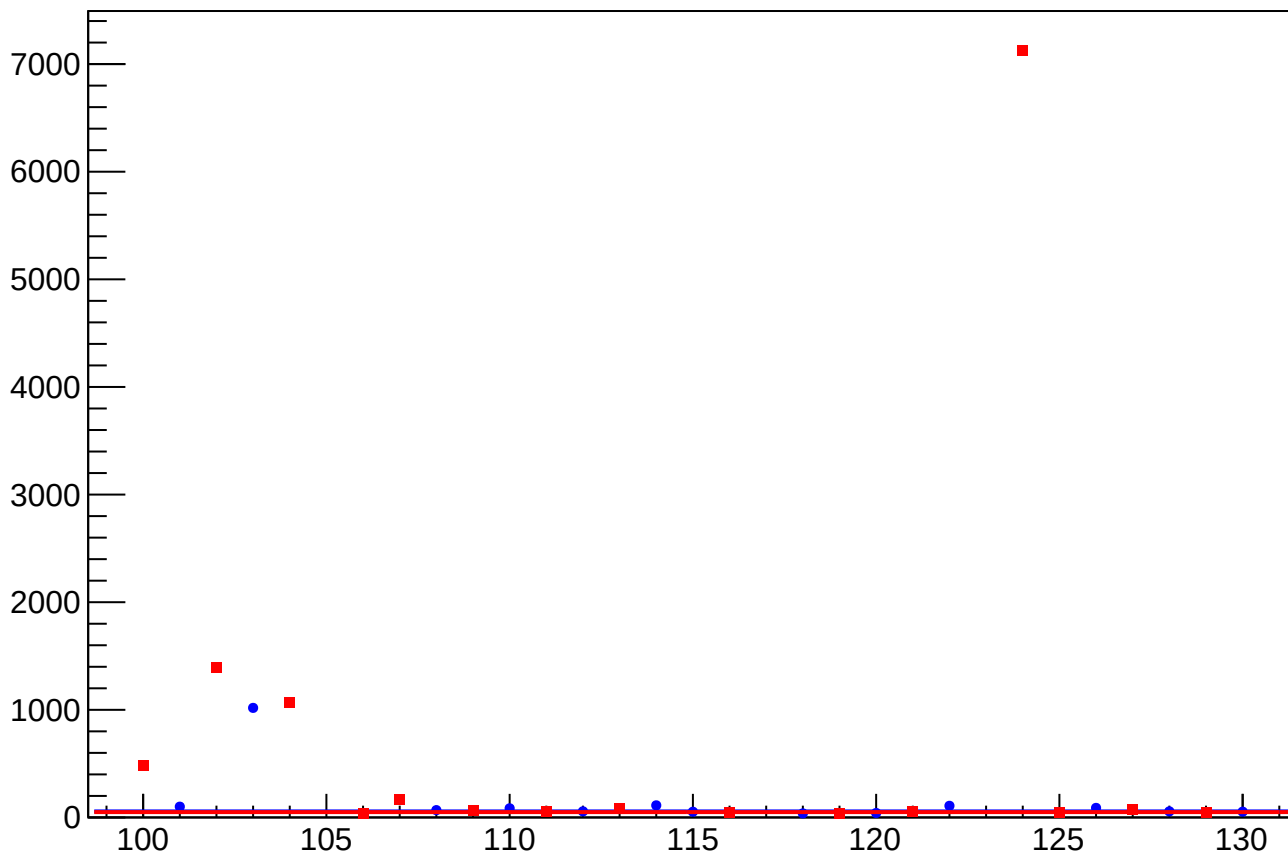
Right: -0.012+/-0.020 χ^2/NDF : 25.9/27

In: 0.004+/-0.029 χ^2/NDF : 11.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.012+/-0.020 χ^2/NDF : 25.9/27

asym_at1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.037+/-0.021 χ^2/NDF : 1974228.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.747+/-0.019 χ^2/NDF : 2814789.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

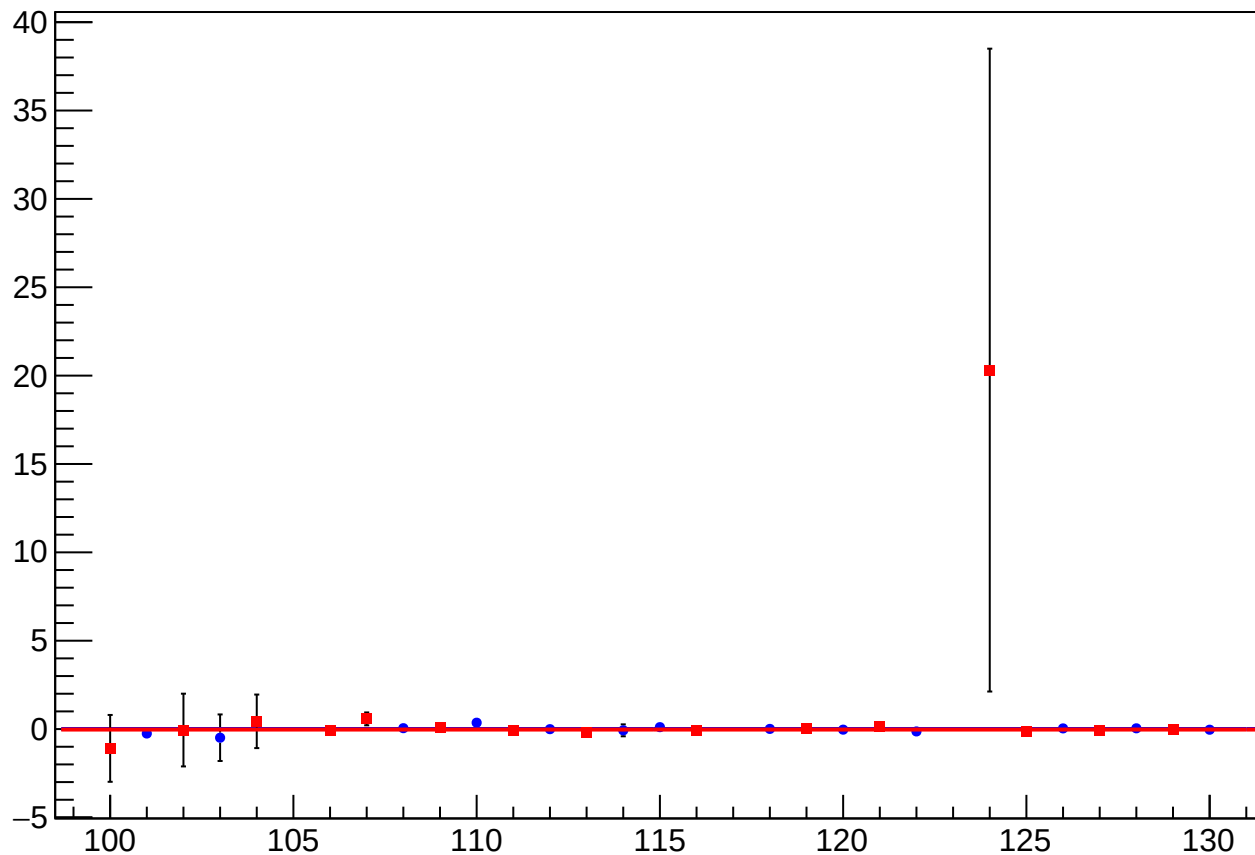
Right: 52.698+/-0.014 χ^2/NDF : 4838595.1/27

In: 56.037+/-0.021 χ^2/NDF : 1974228.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.698+/-0.014 χ^2/NDF : 4838595.1/27

asym_at1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.029 χ^2/NDF : 11.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.027+/-0.027 χ^2/NDF : 14.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

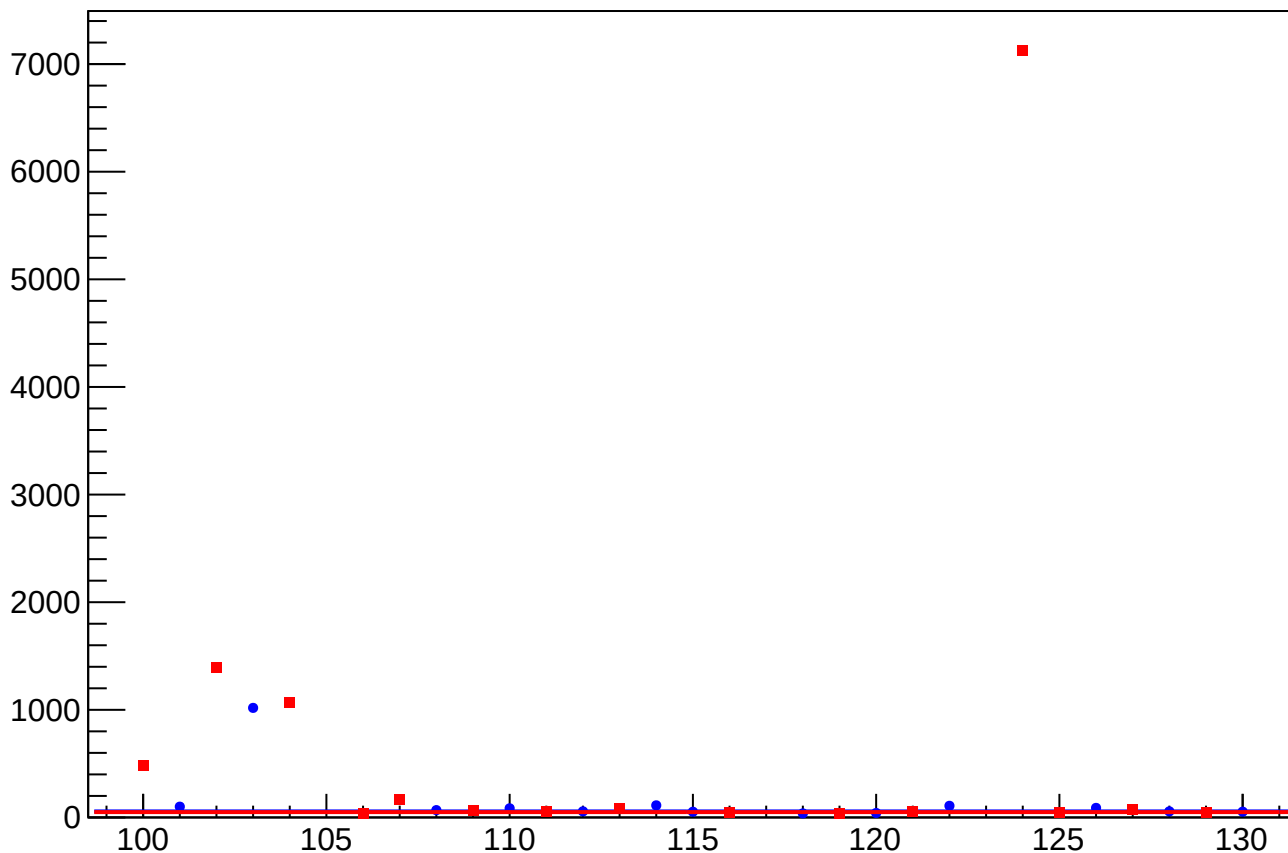
Right: -0.012+/-0.020 χ^2/NDF : 25.9/27

In: 0.004+/-0.029 χ^2/NDF :11.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.012+/-0.020 χ^2/NDF : 25.9/27

asym_at1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.037+/-0.021 χ^2/NDF : 1974228.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.747+/-0.019 χ^2/NDF : 2814789.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

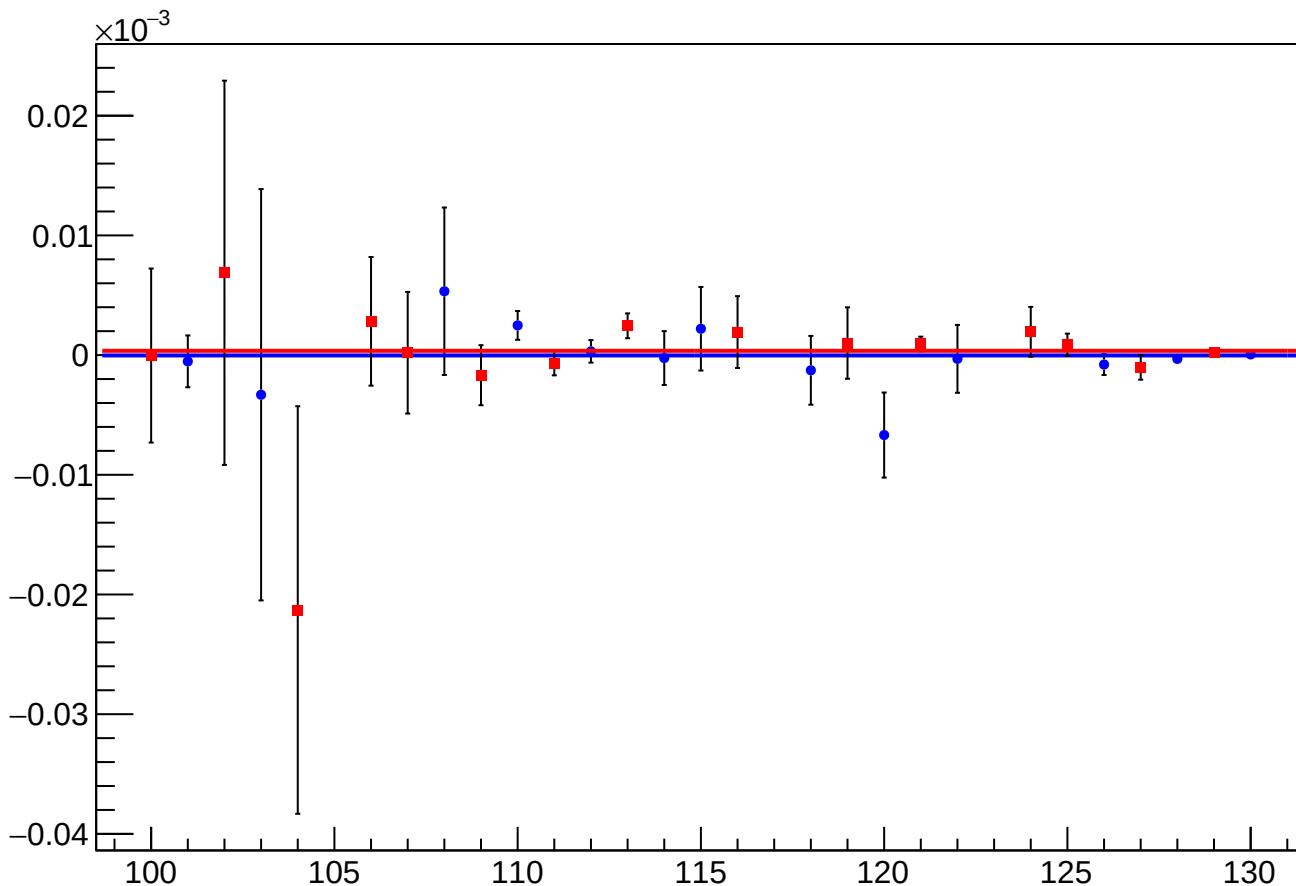
Right: 52.698+/-0.014 χ^2/NDF : 4838595.1/27

In: 56.037+/-0.021 χ^2/NDF : 1974228.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.698+/-0.014 χ^2/NDF : 4838595.1/27

asym_at1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

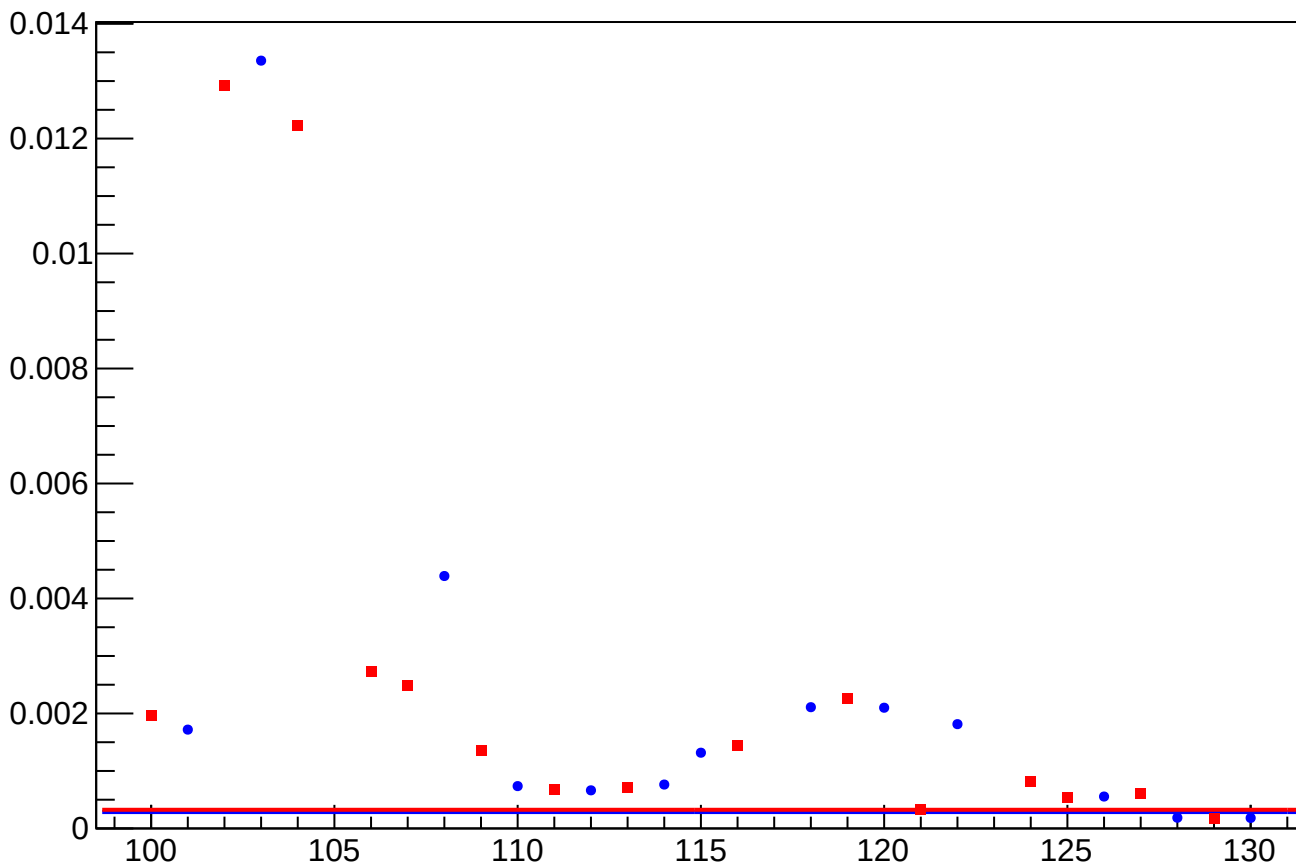
Right: 0.000+/-0.000 χ^2/NDF : 24.4/27

In: -0.000+/-0.000 χ^2/NDF : 10.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.4/27

asym_at1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6150345.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6082454.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

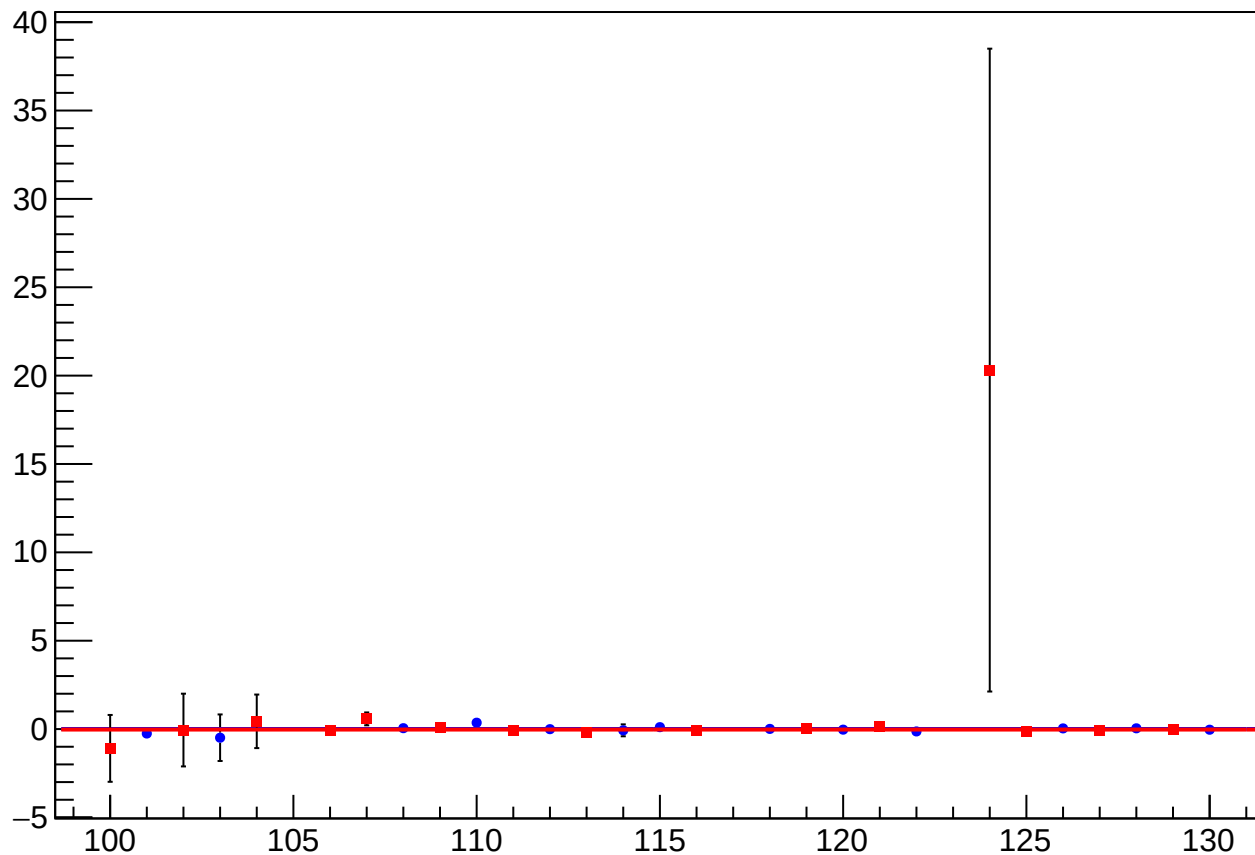
Right: 0.000+/-0.000 χ^2/NDF : 12270471.2/27

In: 0.000+/-0.000 χ^2/NDF :6150345.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12270471.2/27

asym_at1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.029 χ^2/NDF : 11.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.027+/-0.027 χ^2/NDF : 14.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

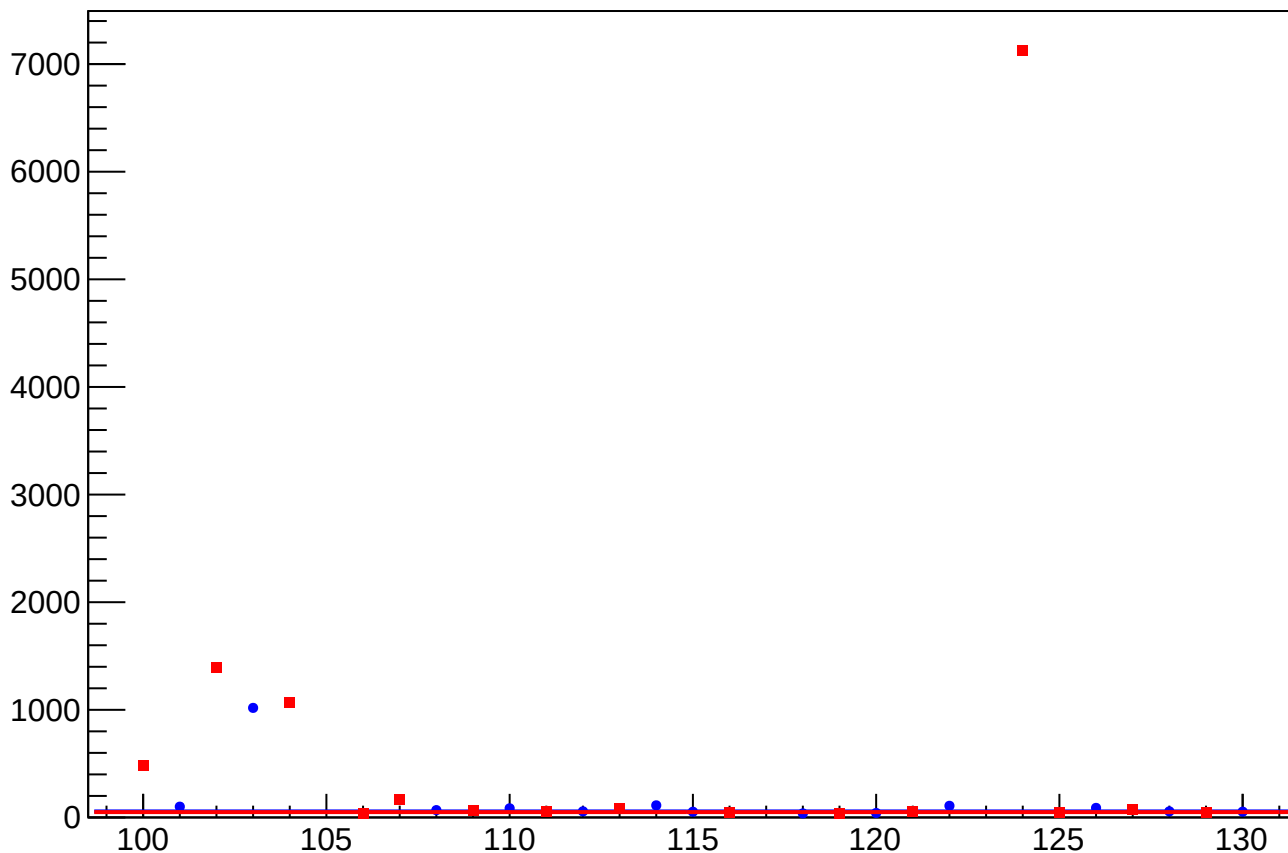
Right: -0.012+/-0.020 χ^2/NDF : 25.9/27

In: 0.004+/-0.029 χ^2/NDF : 11.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.012+/-0.020 χ^2/NDF : 25.9/27

asym_at1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.037+/-0.021 χ^2/NDF : 1974240.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.746+/-0.019 χ^2/NDF : 2814831.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

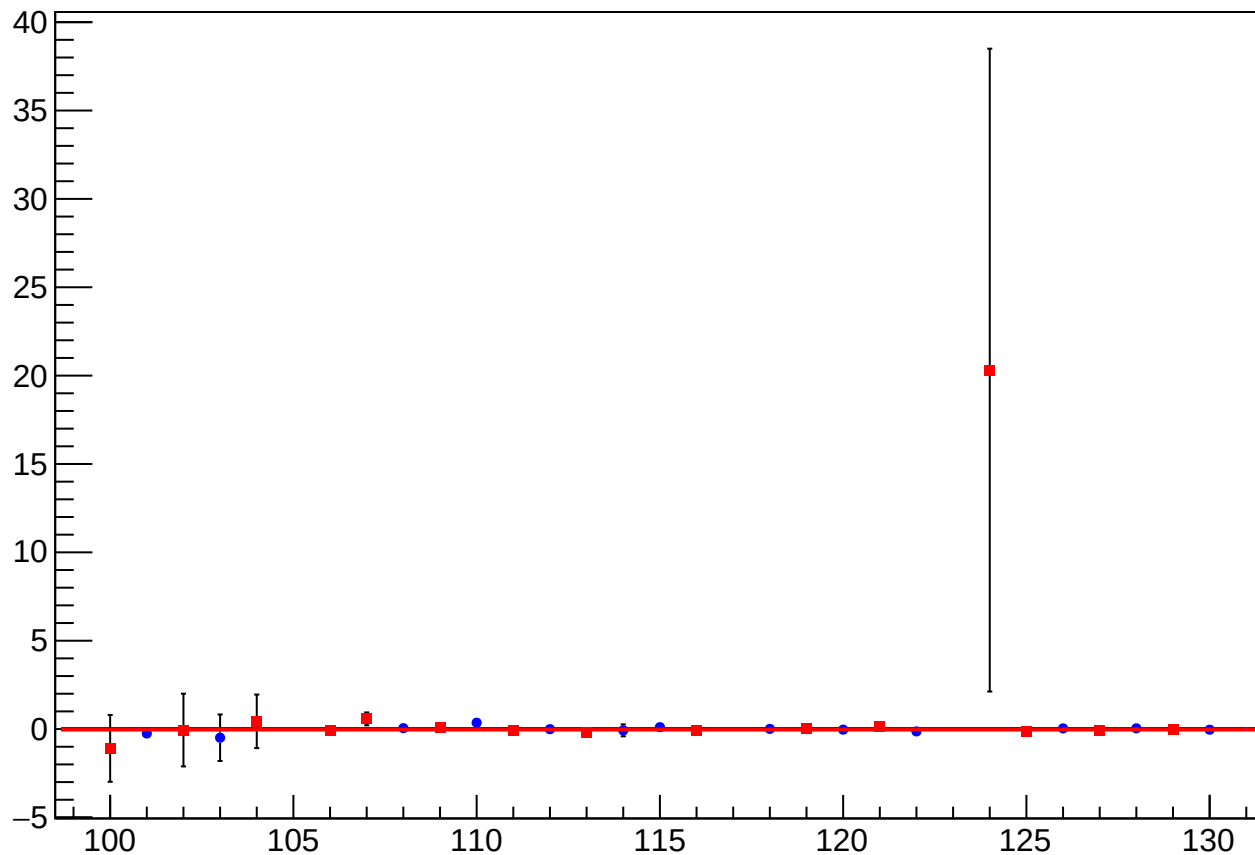
Right: 52.697+/-0.014 χ^2/NDF : 4838662.9/27

In: 56.037+/-0.021 χ^2/NDF : 1974240.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.697+/-0.014 χ^2/NDF : 4838662.9/27

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.029 χ^2/NDF : 11.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.027+/-0.027 χ^2/NDF : 14.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

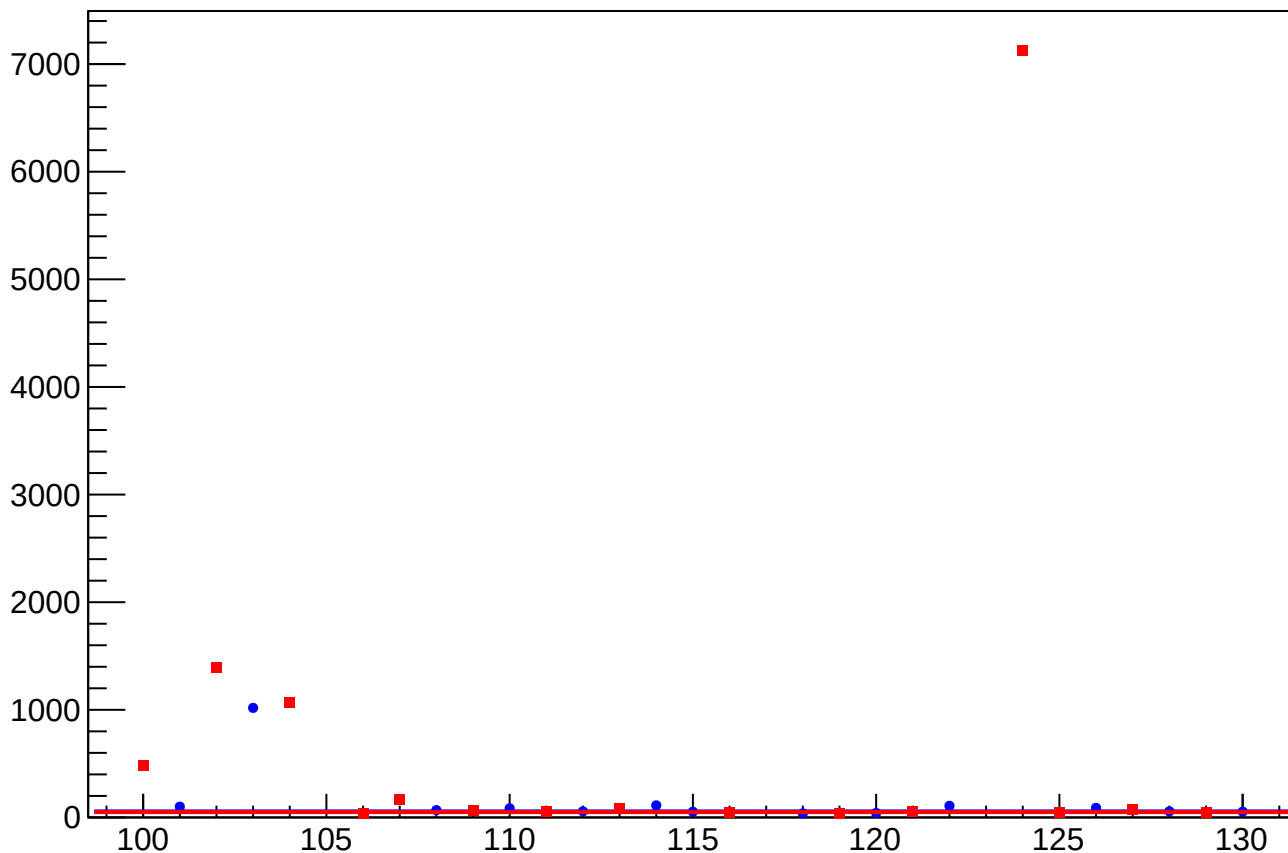
Right: -0.012+/-0.020 χ^2/NDF : 25.9/27

In: 0.004+/-0.029 χ^2/NDF : 11.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.012+/-0.020 χ^2/NDF : 25.9/27

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.037+/-0.021 χ^2/NDF : 1974240.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.746+/-0.019 χ^2/NDF : 2814831.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

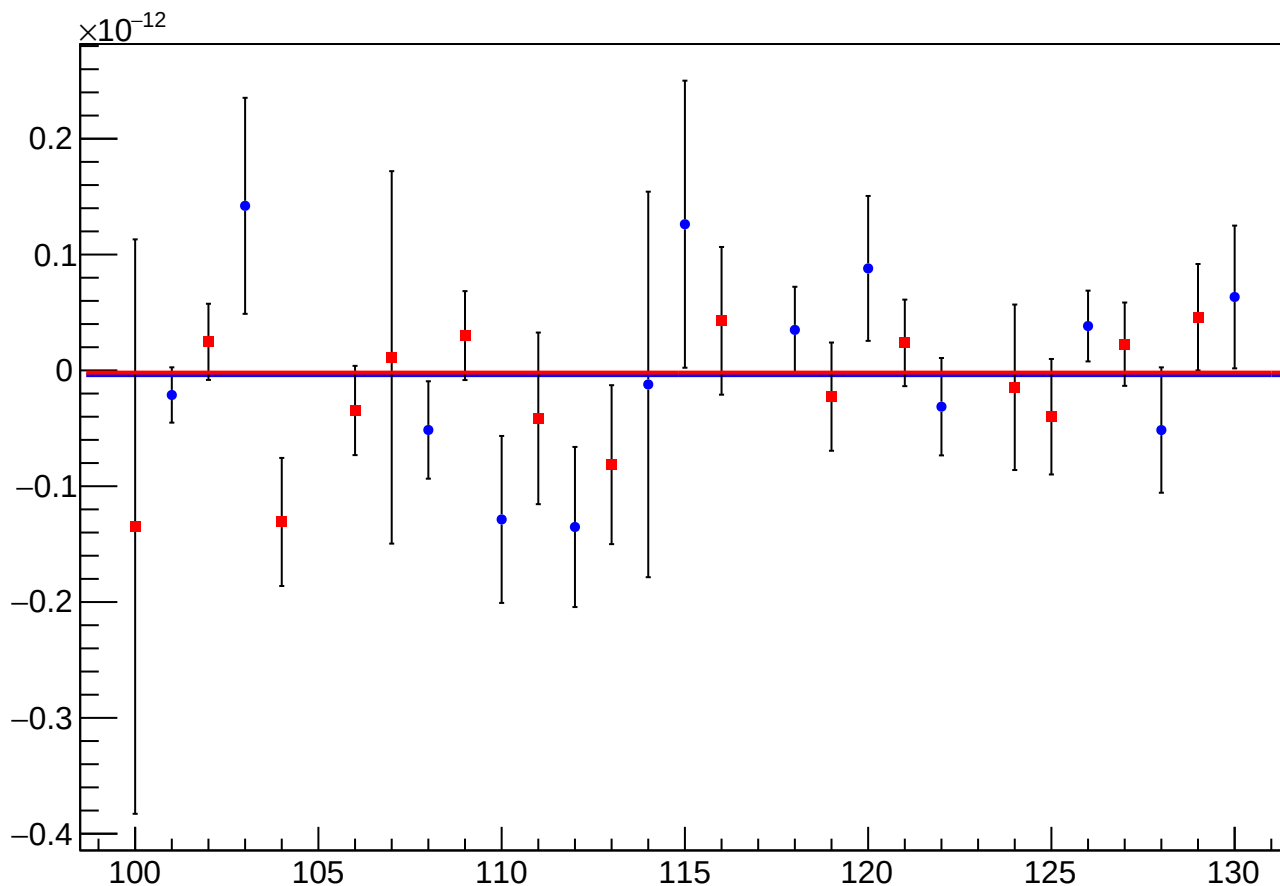
Right: 52.697+/-0.014 χ^2/NDF : 4838662.9/27

In: 56.037+/-0.021 χ^2/NDF : 1974240.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.697+/-0.014 χ^2/NDF : 4838662.9/27

asym_at1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 19.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

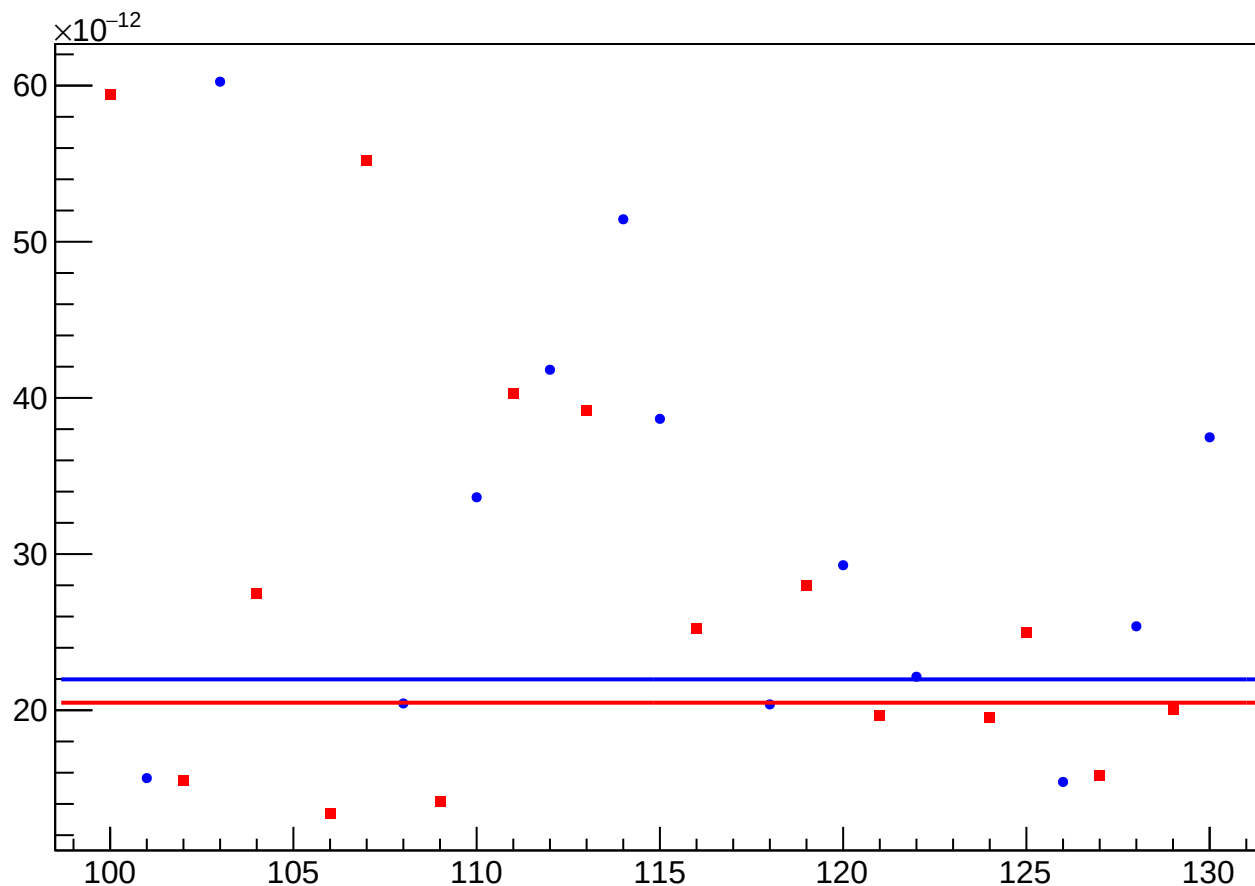
Right: -0.000+/-0.000 χ^2/NDF : 32.3/27

In: -0.000+/-0.000 χ^2/NDF : 19.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.3/27

asym_at1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1053502.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 747991.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

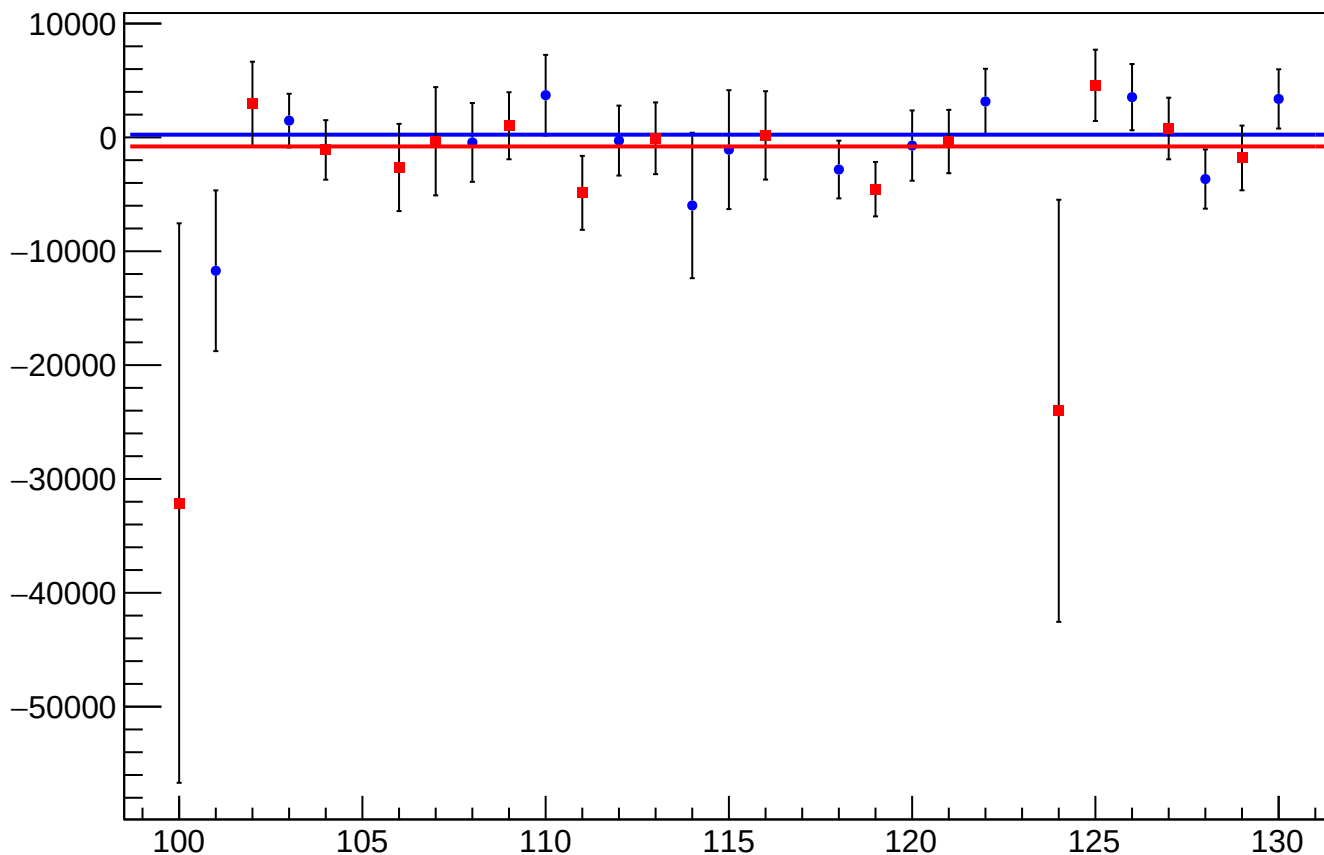
Right: 0.000+/-0.000 χ^2/NDF : 1815404.5/27

In: 0.000+/-0.000 χ^2/NDF : 1053502.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1815404.5/27

reg_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 238.937+/-868.577 χ^2/NDF : 12.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -794.947+/-851.311 χ^2/NDF : 12.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

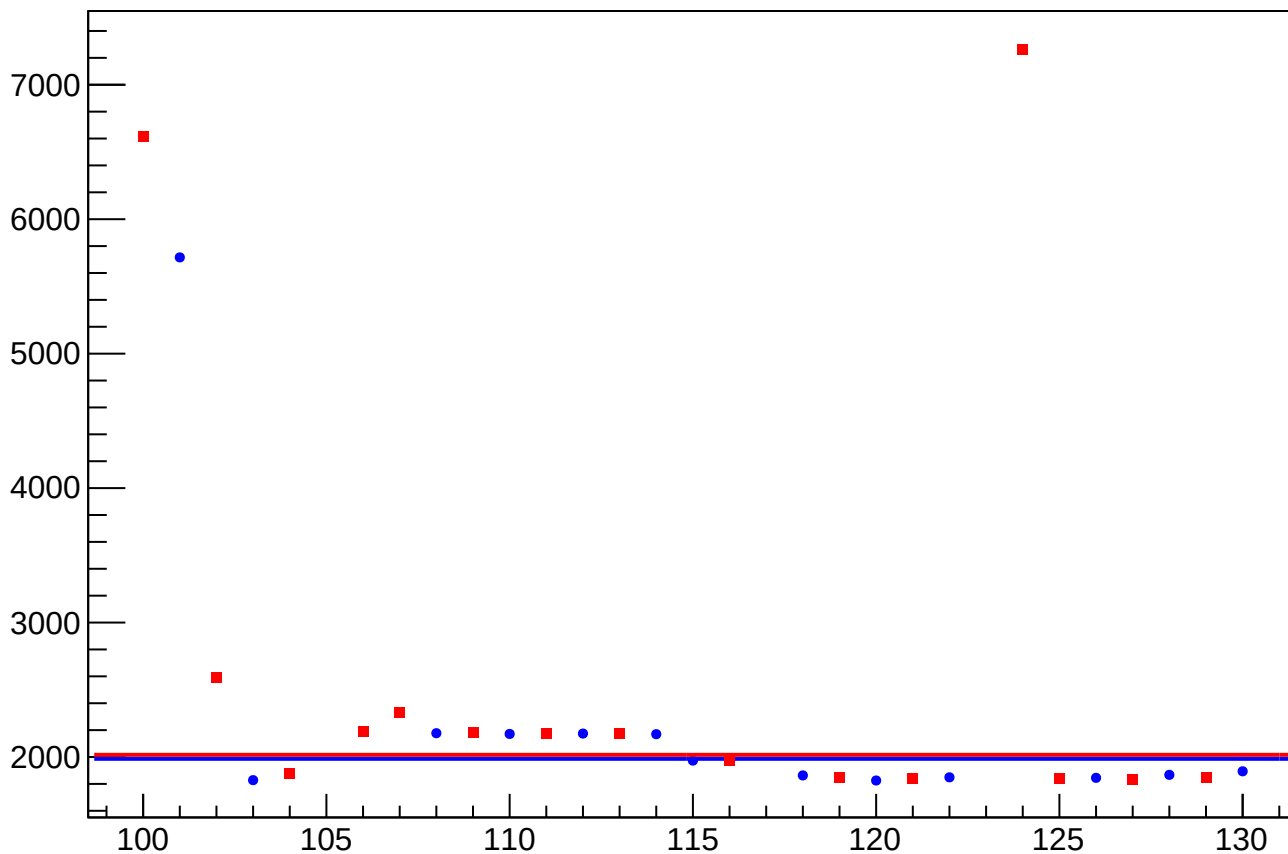
Right: -288.384+/-607.980 χ^2/NDF : 25.9/27

In: 238.937+/-868.577 χ^2/NDF : 12.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -288.384+/-607.980 χ^2/NDF : 25.9/27

reg_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1986.613+/-0.614 χ^2/NDF : 614248.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2016.366+/-0.602 χ^2/NDF : 353591.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

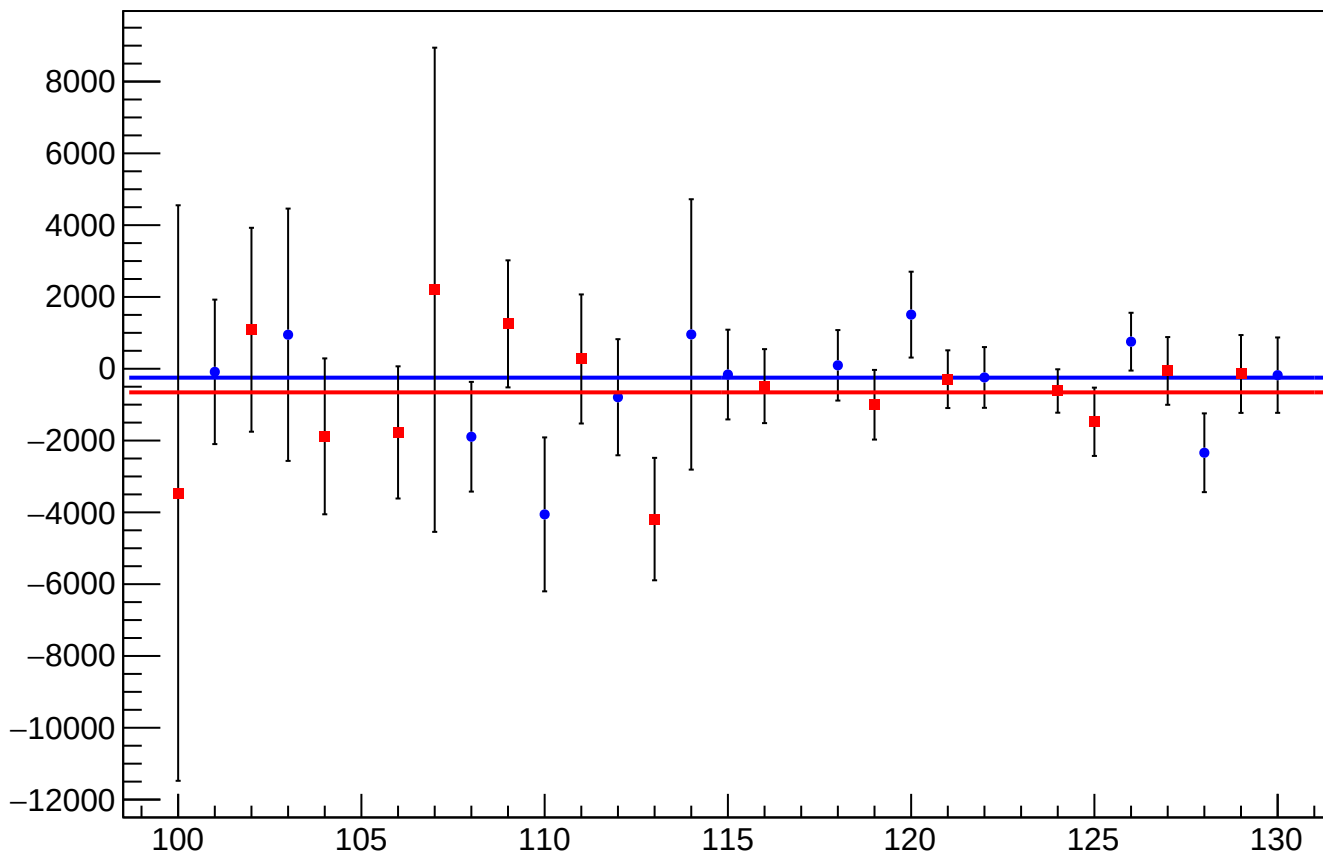
Right: 2001.788+/-0.430 χ^2/NDF : 969036.6/27

In: 1986.613+/-0.614 χ^2/NDF : 614248.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2001.788+/-0.430 χ^2/NDF : 969036.6/27

asym_at1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -248.056 ± 343.363 χ^2/NDF : 12.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -657.568 ± 301.418 χ^2/NDF : 8.8/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

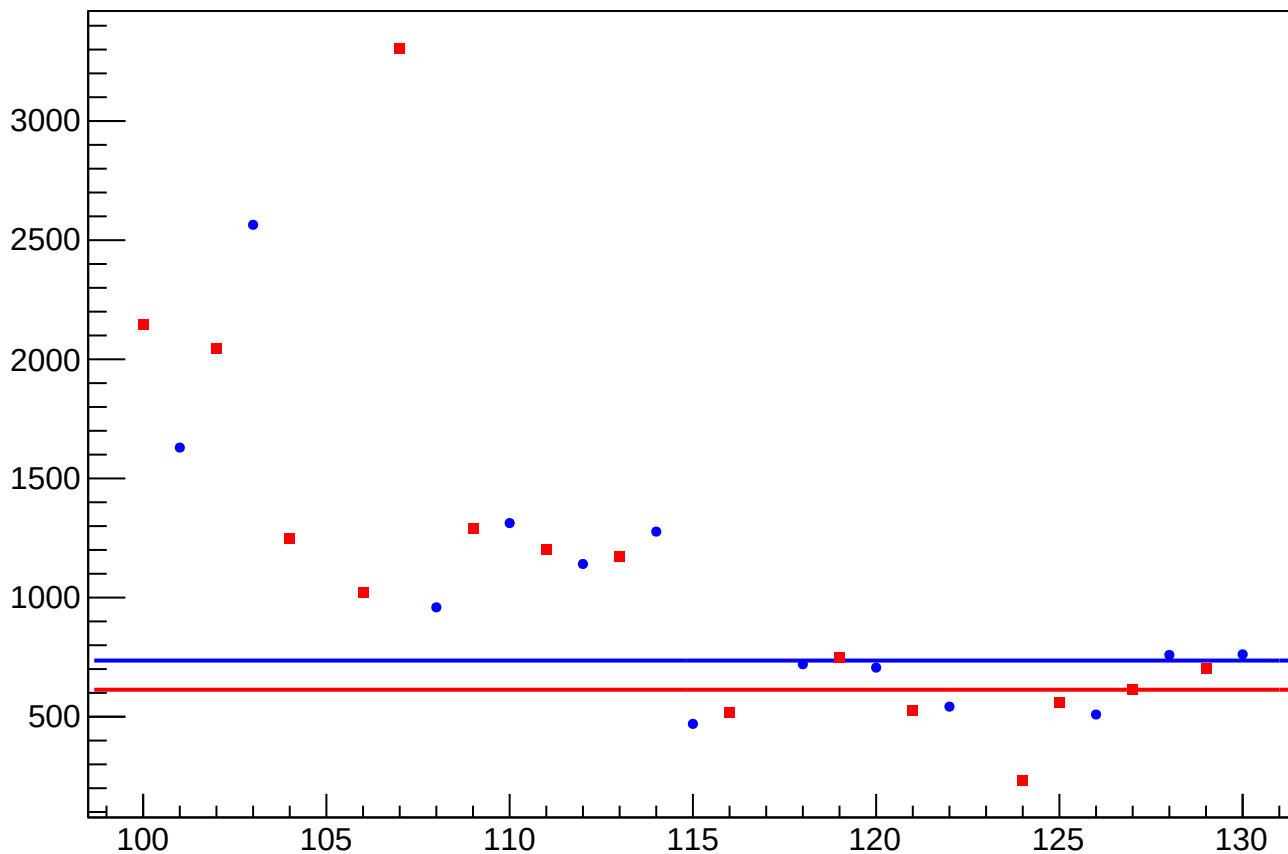
Right: -479.340 ± 226.521 χ^2/NDF : 21.7/27

In: -248.056 ± 343.363 χ^2/NDF : 12.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -479.340 ± 226.521 χ^2/NDF : 21.7/27

asym_at1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 735.734+/-0.243 χ^2/NDF : 1648195.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 613.204+/-0.213 χ^2/NDF : 2784986.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

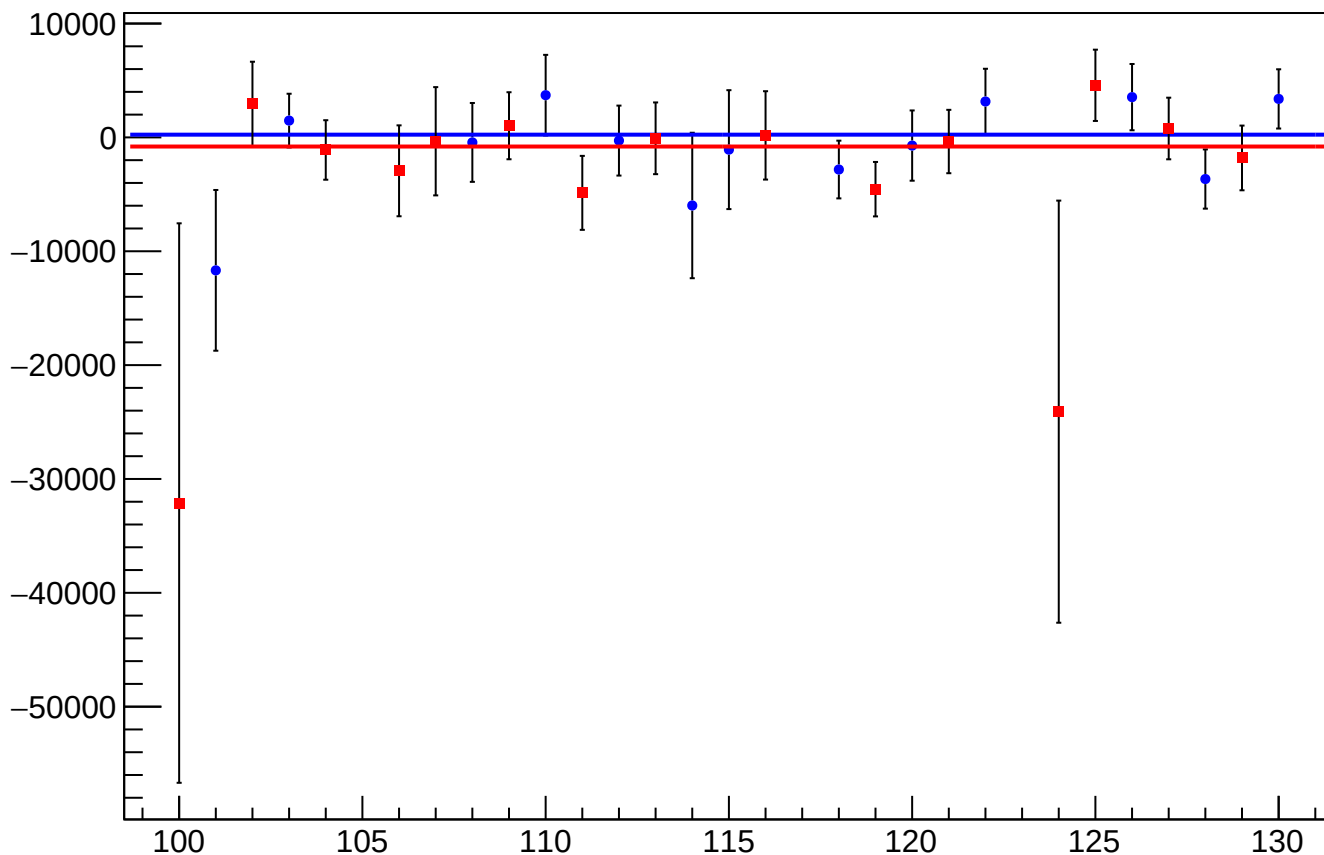
Right: 666.532+/-0.160 χ^2/NDF : 4577024.2/27

In: 735.734+/-0.243 χ^2/NDF : 1648195.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 666.532+/-0.160 χ^2/NDF : 4577024.2/27

cor_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 240.015+/-868.578 χ^2 /NDF: 12.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -802.031+/-852.974 χ^2 /NDF: 12.5/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

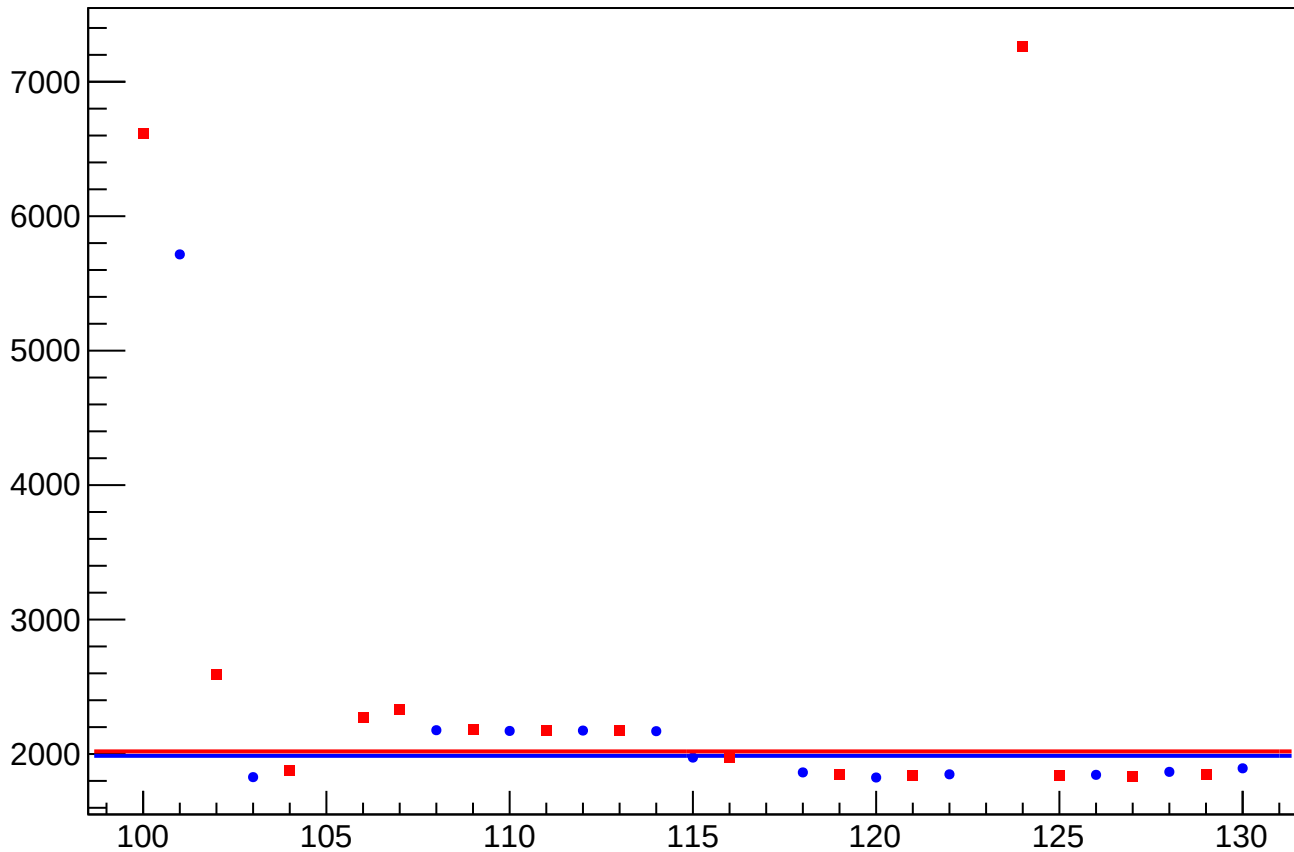
Right: -290.452+/-608.585 χ^2 /NDF: 26.0/27

In: 240.015+/-868.578 χ^2 /NDF:12.7/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -290.452+/-608.585 χ^2 /NDF: 26.0/27

cor_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1986.613+/-0.614 χ^2/NDF : 614248.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2019.437+/-0.603 χ^2/NDF : 357607.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

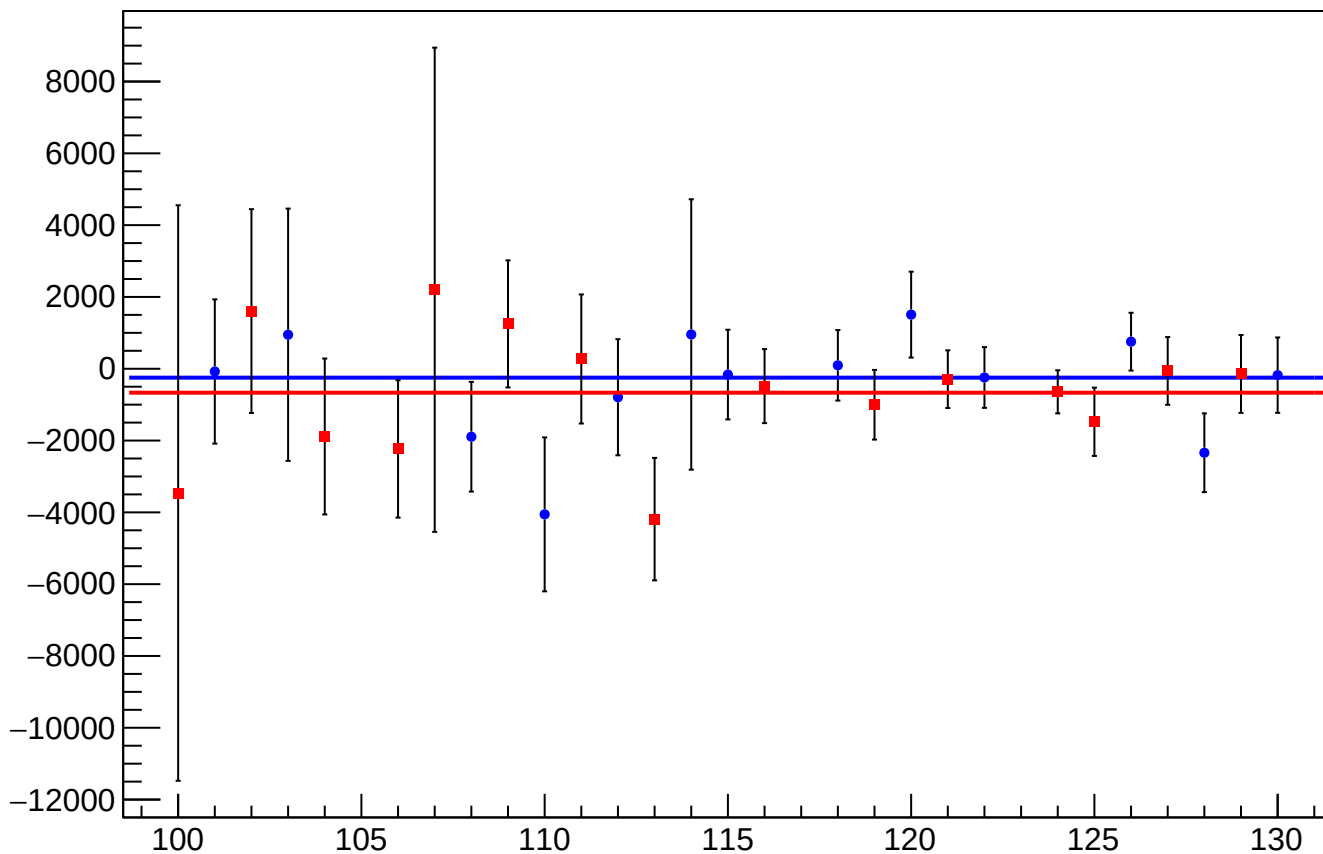
Right: 2003.322+/-0.430 χ^2/NDF : 973310.0/27

In: 1986.613+/-0.614 χ^2/NDF : 614248.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2003.322+/-0.430 χ^2/NDF : 973310.0/27

asym_at1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -247.973+/-343.345 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -666.762+/-301.167 χ^2/NDF : 9.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

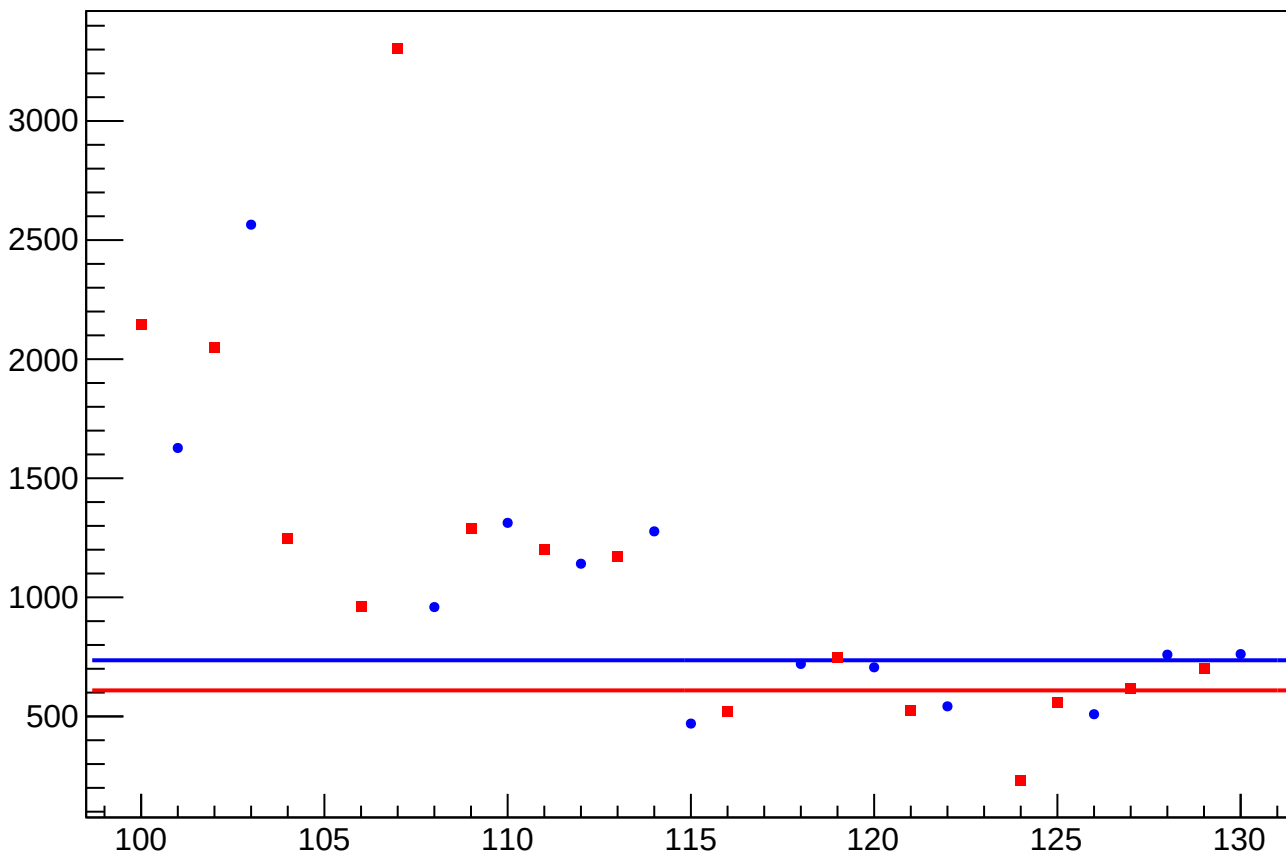
Right: -484.657+/-226.409 χ^2/NDF : 22.3/27

In: -247.973+/-343.345 χ^2/NDF : 12.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -484.657+/-226.409 χ^2/NDF : 22.3/27

asym_at1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 735.732 $\pm$ 0.243 χ^2 /NDF: 1647297.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 609.258 $\pm$ 0.213 χ^2 /NDF: 2773547.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

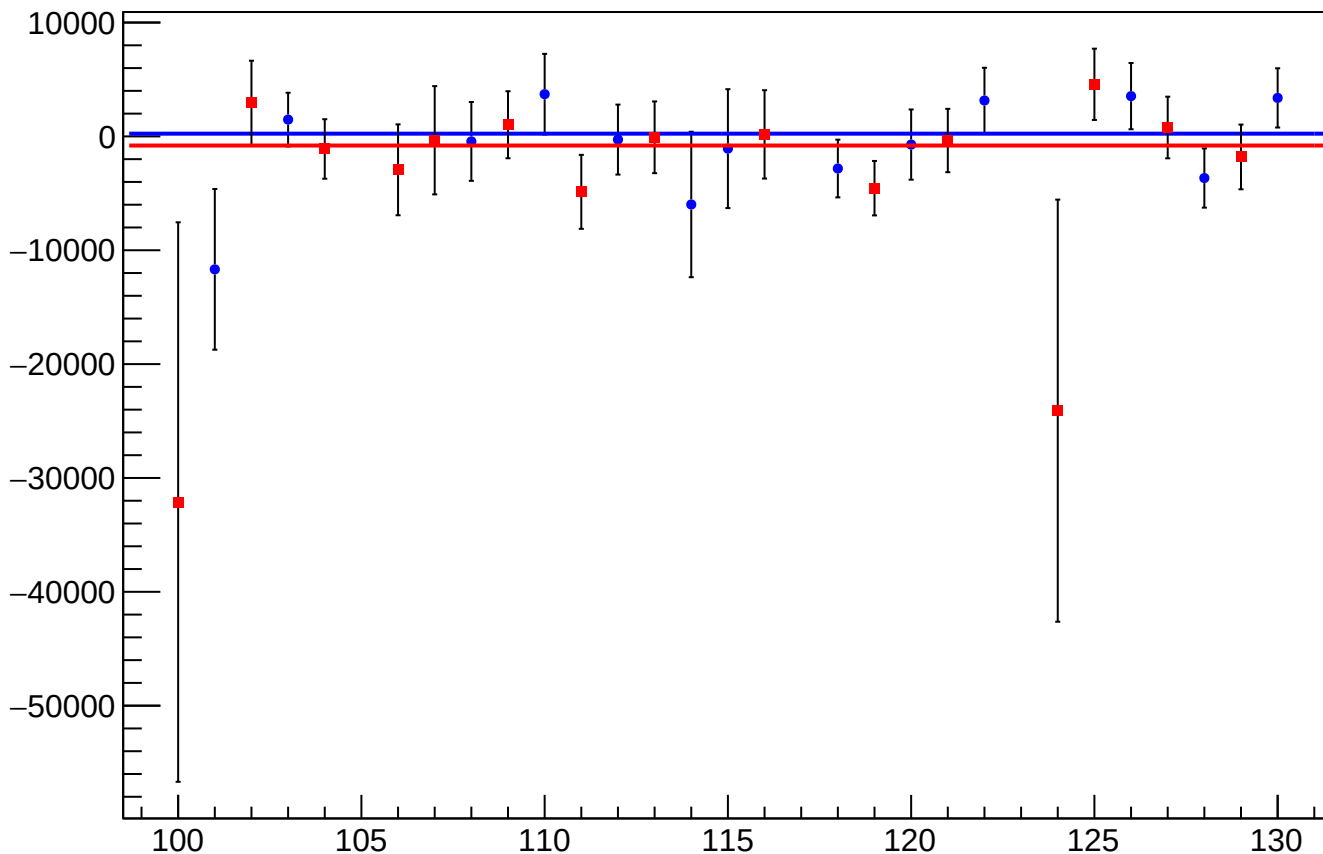
Right: 664.254 $\pm$ 0.160 χ^2 /NDF: 4574217.8/27

In: 735.732 $\pm$ 0.243 χ^2 /NDF:1647297.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 664.254 $\pm$ 0.160 χ^2 /NDF: 4574217.8/27

eigen_cor_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 240.015+/-868.578 χ^2/NDF : 12.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -802.031+/-852.974 χ^2/NDF : 12.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

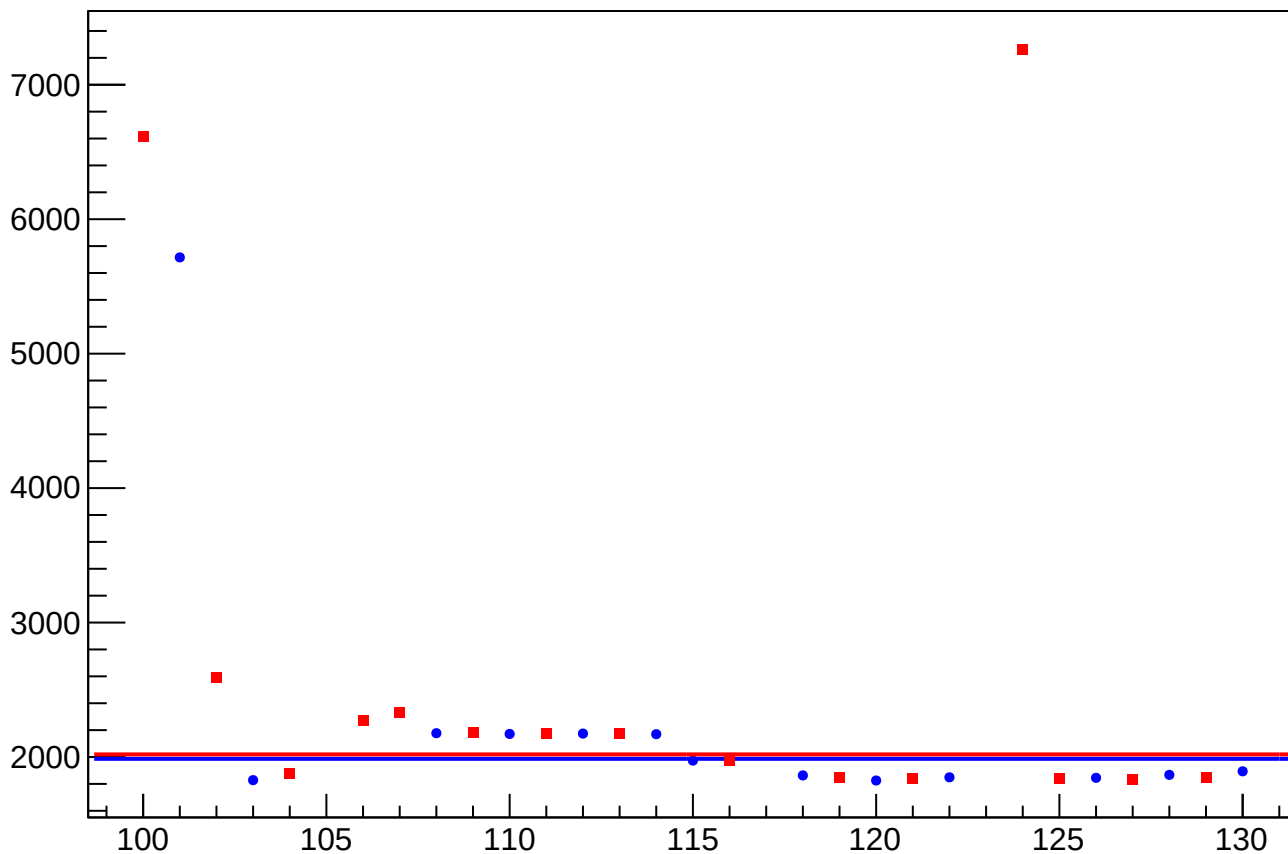
Right: -290.452+/-608.585 χ^2/NDF : 26.0/27

In: 240.015+/-868.578 χ^2/NDF : 12.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -290.452+/-608.585 χ^2/NDF : 26.0/27

eigen_cor_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1986.613+/-0.614 χ^2/NDF : 614248.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2019.437+/-0.603 χ^2/NDF : 357607.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

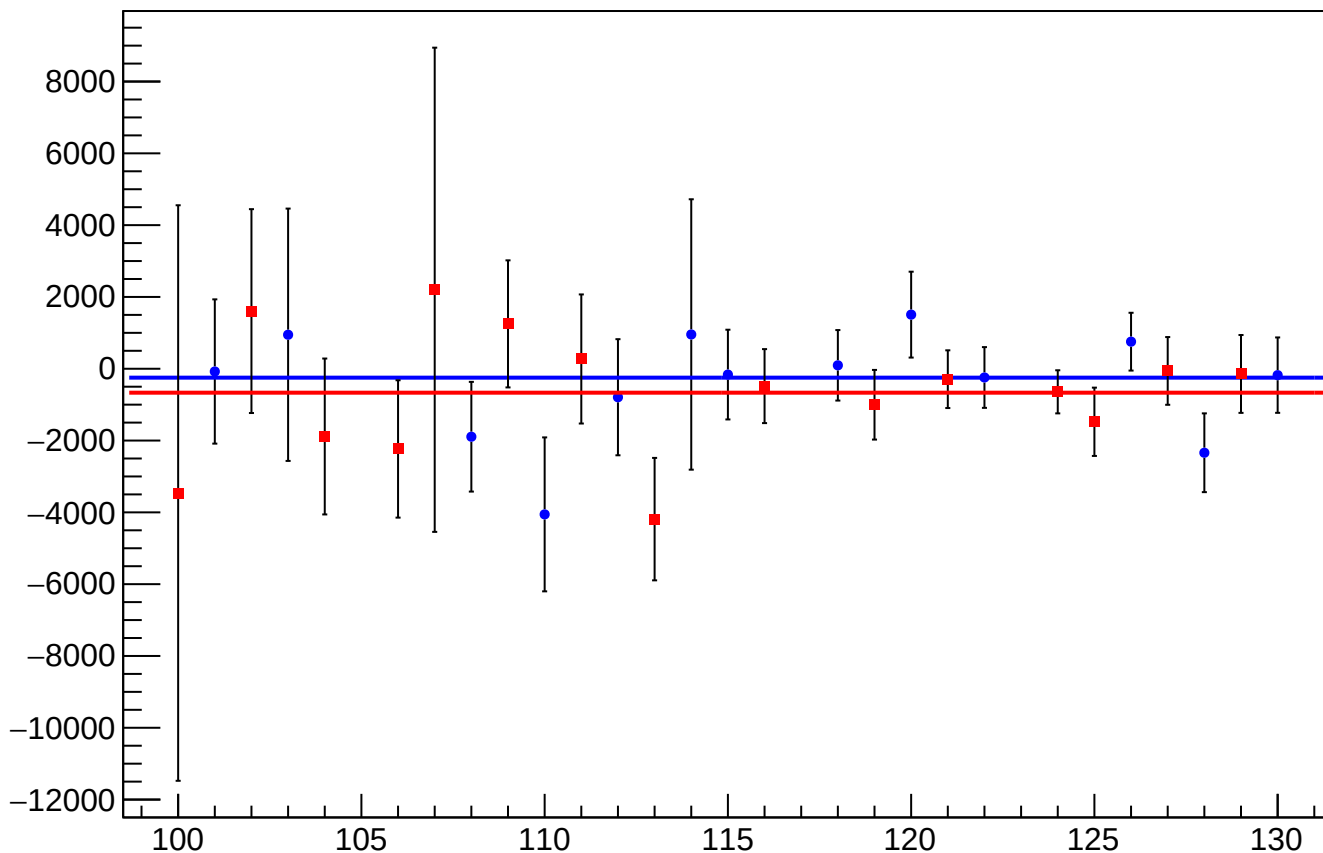
Right: 2003.322+/-0.430 χ^2/NDF : 973310.0/27

In: 1986.613+/-0.614 χ^2/NDF : 614248.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2003.322+/-0.430 χ^2/NDF : 973310.0/27

asym_at1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -247.973+/-343.345 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -666.762+/-301.167 χ^2/NDF : 9.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

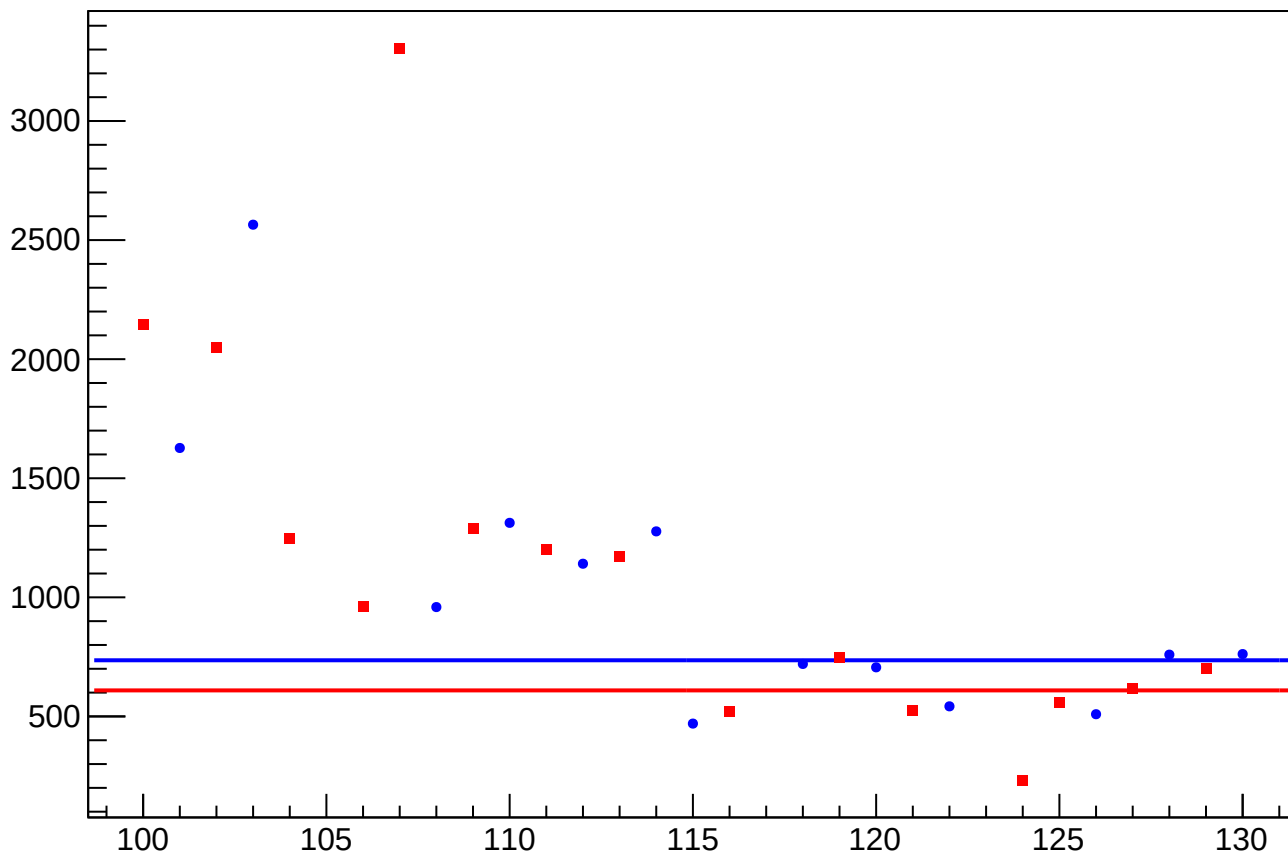
Right: -484.657+/-226.409 χ^2/NDF : 22.3/27

In: -247.973+/-343.345 χ^2/NDF : 12.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -484.657+/-226.409 χ^2/NDF : 22.3/27

asym_at1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 735.732 $\pm$ 0.243 χ^2 /NDF: 1647297.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 609.258 $\pm$ 0.213 χ^2 /NDF: 2773547.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

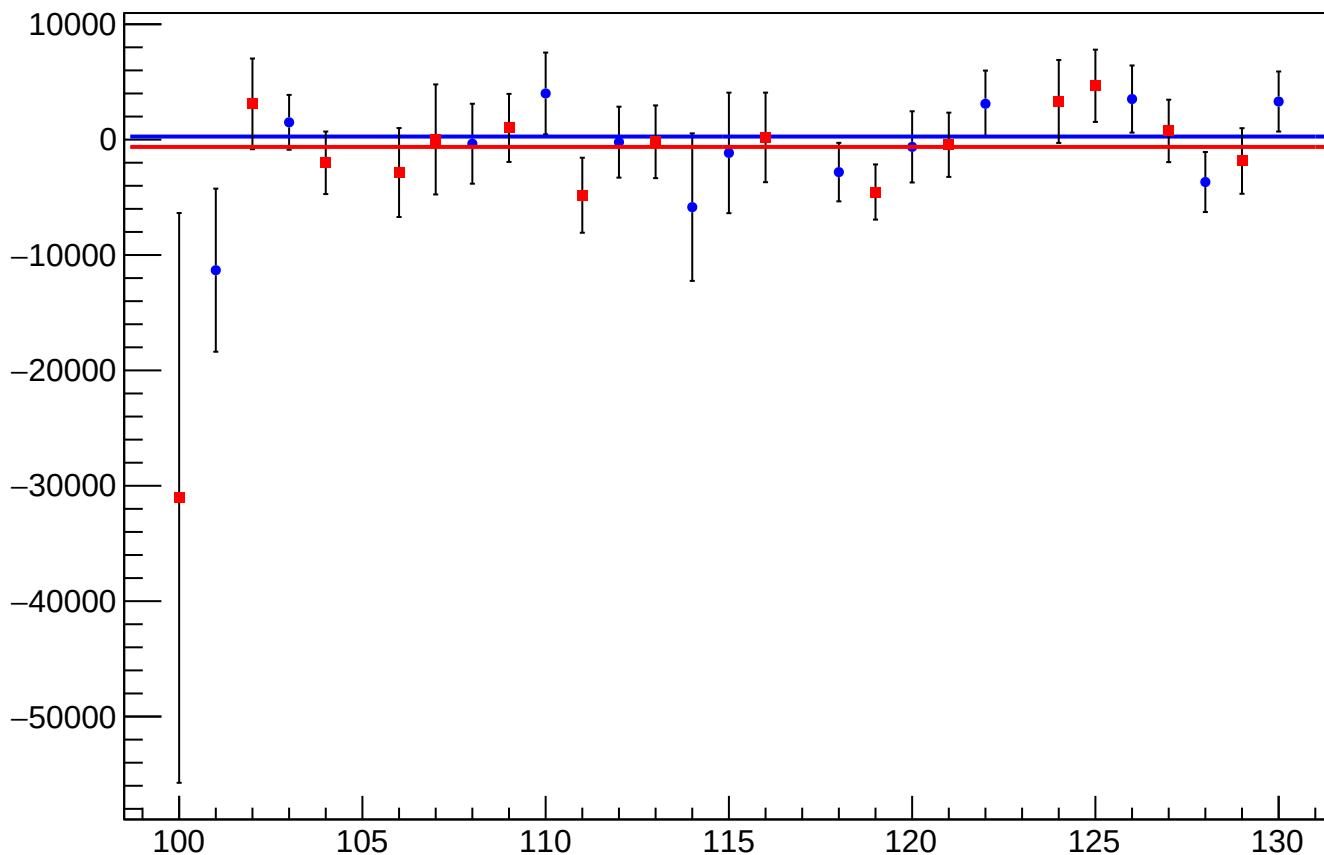
Right: 664.254 $\pm$ 0.160 χ^2 /NDF: 4574217.8/27

In: 735.732 $\pm$ 0.243 χ^2 /NDF:1647297.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 664.254 $\pm$ 0.160 χ^2 /NDF: 4574217.8/27

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 266.862+/-869.746 χ^2 /NDF: 12.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -631.589+/-835.070 χ^2 /NDF: 12.3/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

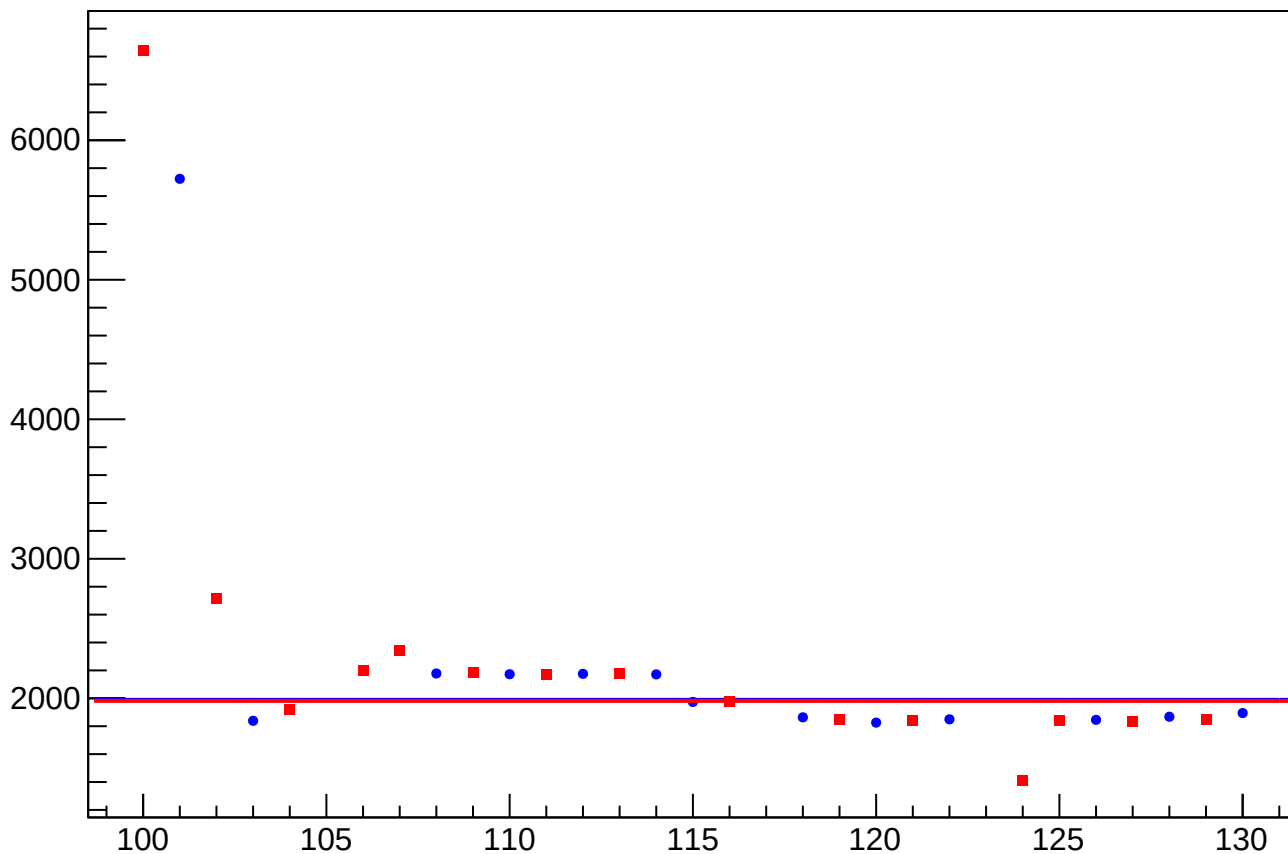
Right: -200.630+/-602.370 χ^2 /NDF: 25.4/27

In: 266.862+/-869.746 χ^2 /NDF:12.6/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -200.630+/-602.370 χ^2 /NDF: 25.4/27

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1988.939+/-0.615 χ^2/NDF : 613684.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1981.603+/-0.590 χ^2/NDF : 259601.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

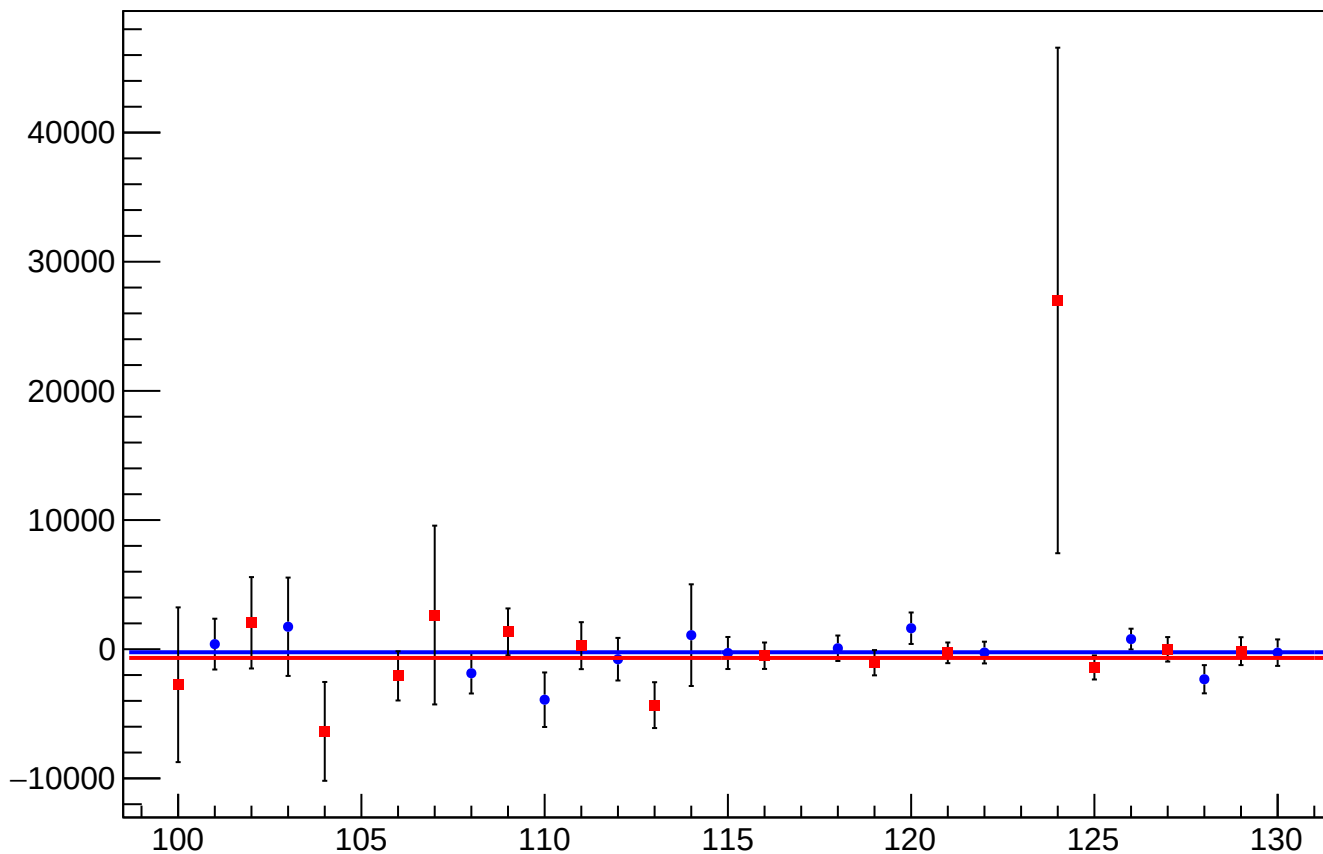
Right: 1985.122+/-0.426 χ^2/NDF : 873360.2/27

In: 1988.939+/-0.615 χ^2/NDF : 613684.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1985.122+/-0.426 χ^2/NDF : 873360.2/27

asym_at1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -235.294+/-343.175 χ^2/NDF : 12.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -674.795+/-351.682 χ^2/NDF : 13.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

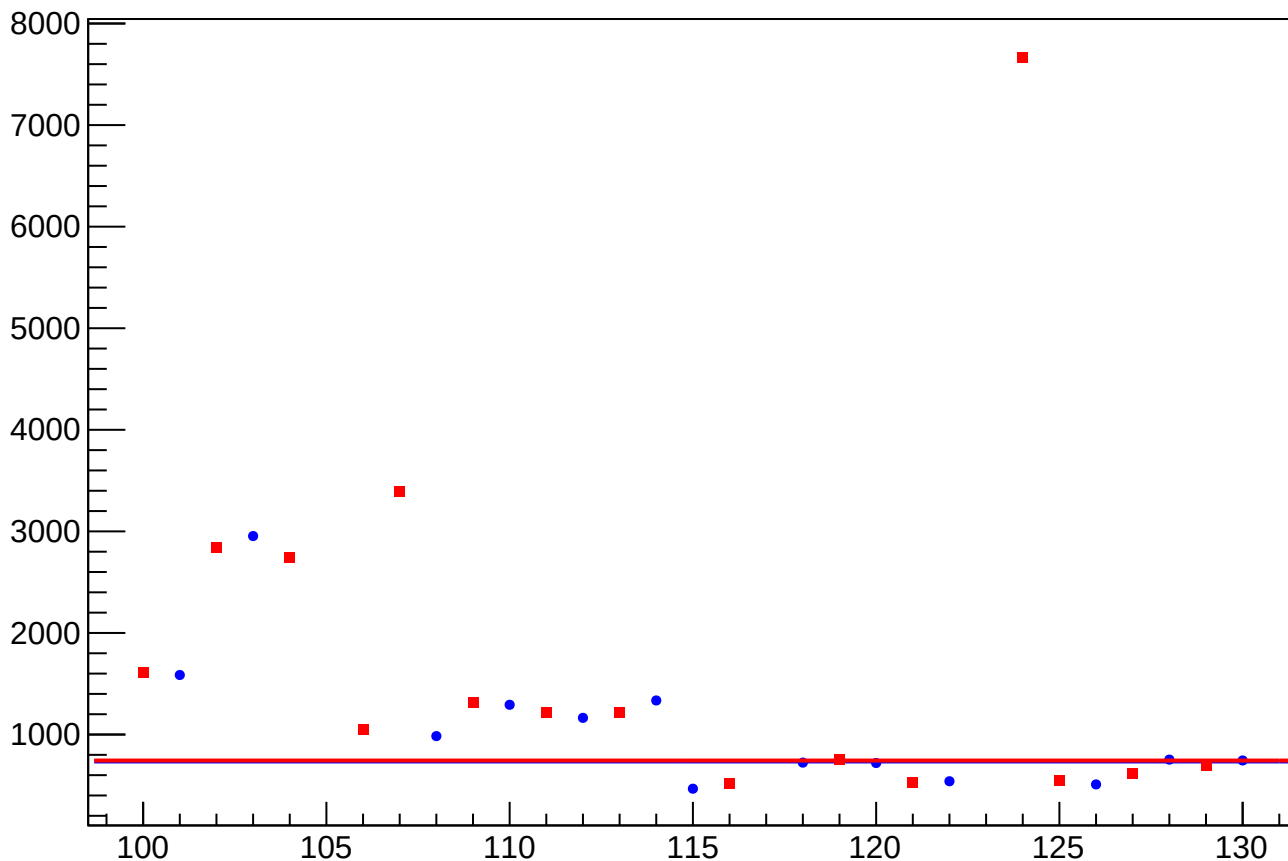
Right: -449.665+/-245.614 χ^2/NDF : 26.4/27

In: -235.294+/-343.175 χ^2/NDF : 12.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -449.665+/-245.614 χ^2/NDF : 26.4/27

asym_at1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 734.875+/-0.243 χ^2/NDF : 1787125.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 743.981+/-0.249 χ^2/NDF : 2743360.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

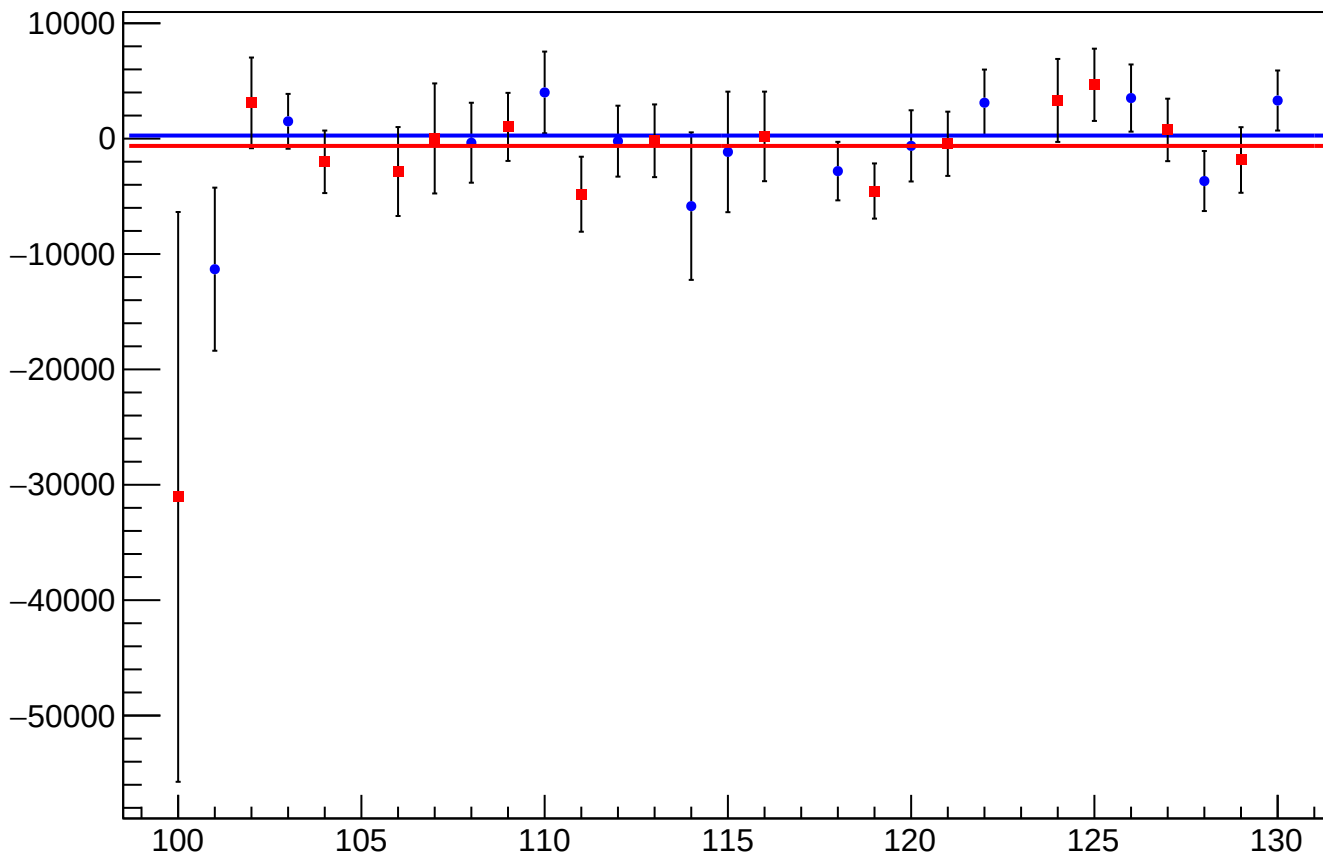
Right: 739.316+/-0.174 χ^2/NDF : 4531173.7/27

In: 734.875+/-0.243 χ^2/NDF : 1787125.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 739.316+/-0.174 χ^2/NDF : 4531173.7/27

eigen_dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 266.862 $\pm$ 869.746 χ^2 /NDF: 12.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -631.590 $\pm$ 835.070 χ^2 /NDF: 12.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

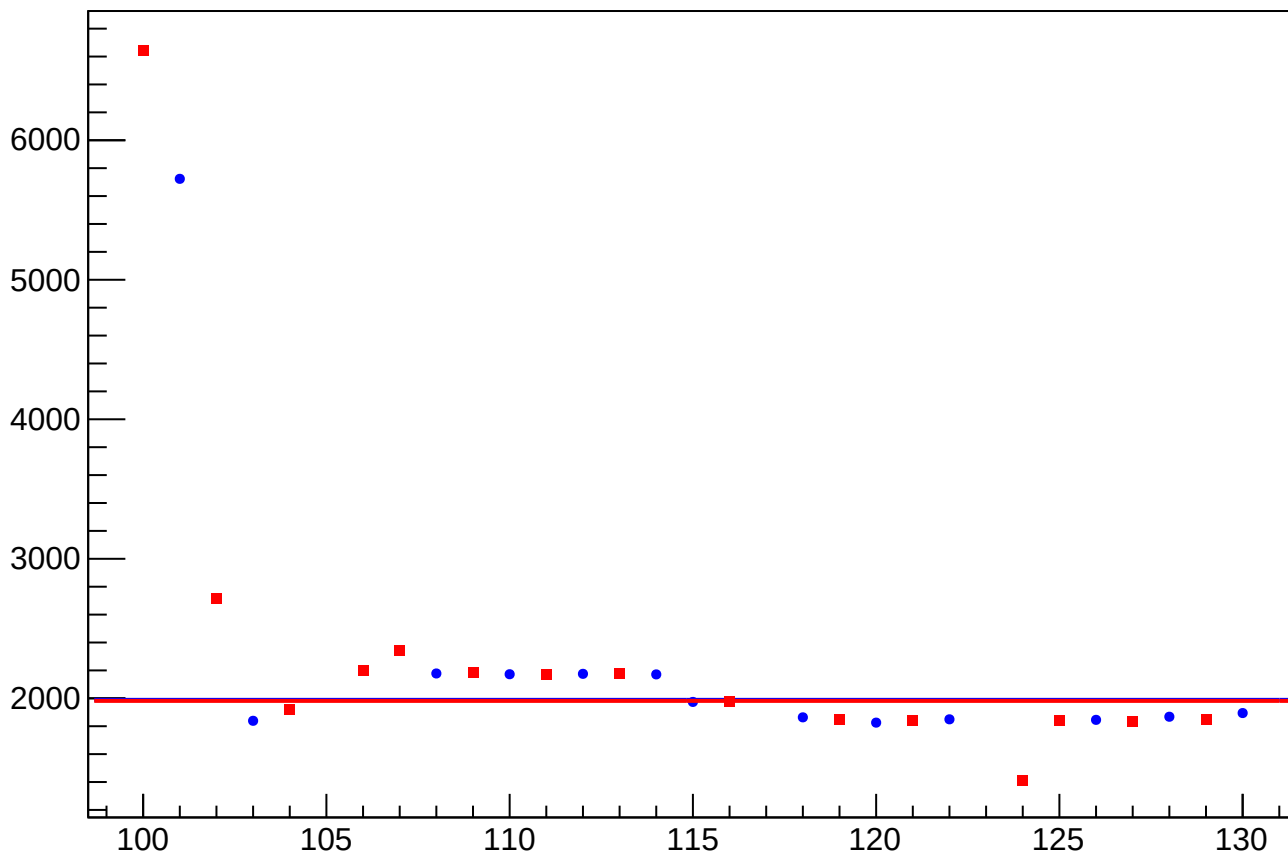
Right: -200.631 $\pm$ 602.370 χ^2 /NDF: 25.4/27

In: 266.862 $\pm$ 869.746 χ^2 /NDF:12.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -200.631 $\pm$ 602.370 χ^2 /NDF: 25.4/27

eigen_dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1988.939+/-0.615 χ^2/NDF : 613684.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1981.603+/-0.590 χ^2/NDF : 259601.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

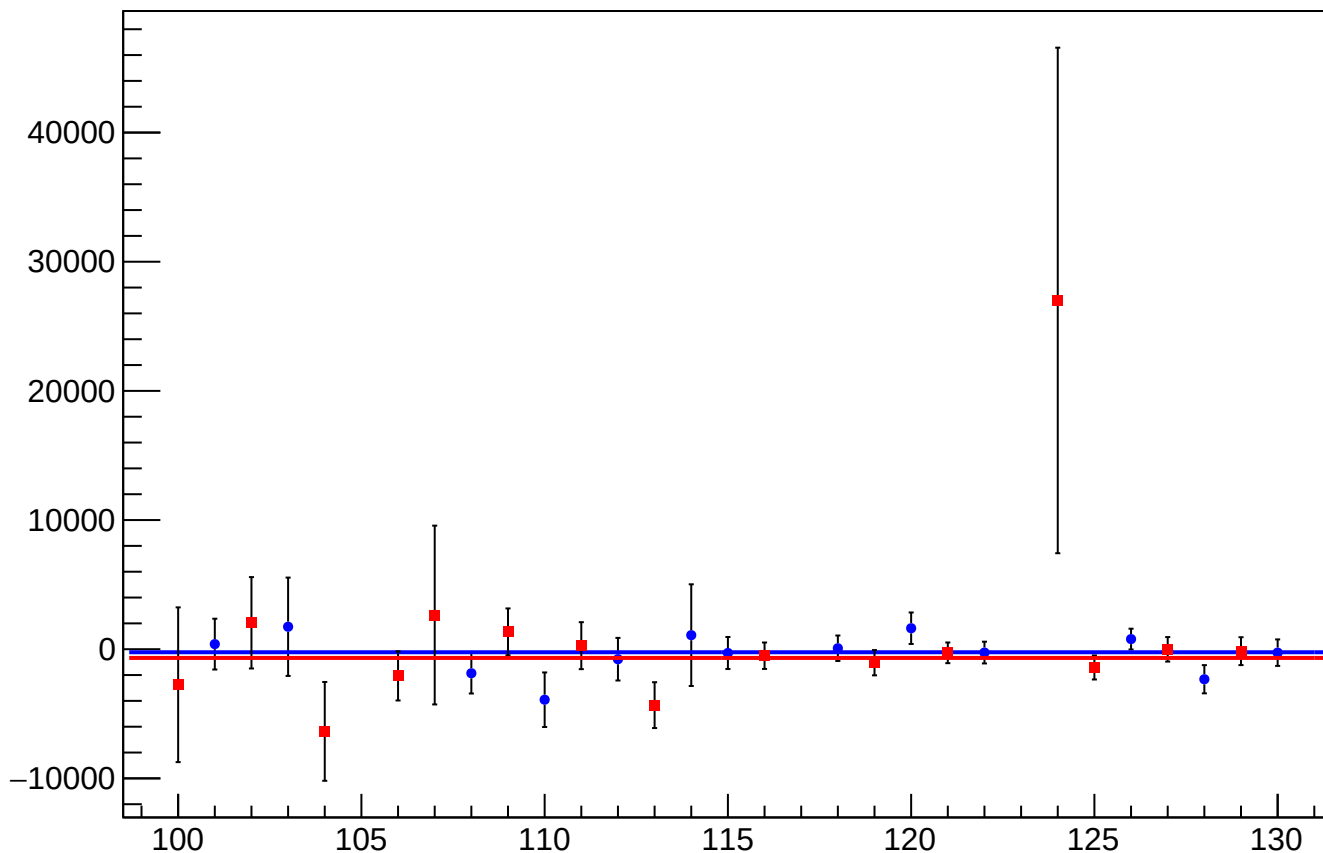
Right: 1985.122+/-0.426 χ^2/NDF : 873360.1/27

In: 1988.939+/-0.615 χ^2/NDF : 613684.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1985.122+/-0.426 χ^2/NDF : 873360.1/27

asym_at1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -235.295+/-343.175 χ^2/NDF : 12.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -674.795+/-351.682 χ^2/NDF : 13.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

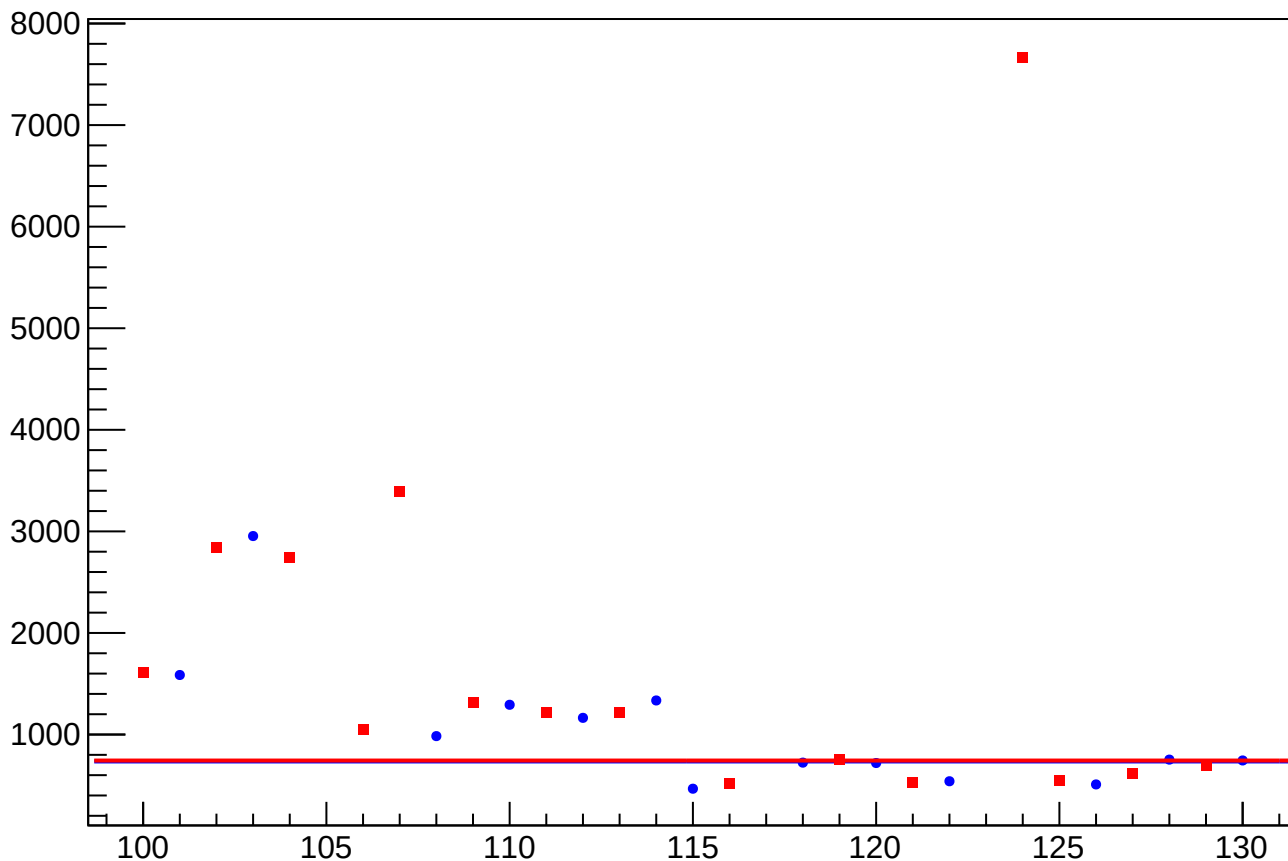
Right: -449.665+/-245.614 χ^2/NDF : 26.4/27

In: -235.295+/-343.175 χ^2/NDF : 12.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -449.665+/-245.614 χ^2/NDF : 26.4/27

asym_at1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 734.874+/-0.243 χ^2/NDF : 1787125.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 743.981+/-0.249 χ^2/NDF : 2743361.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

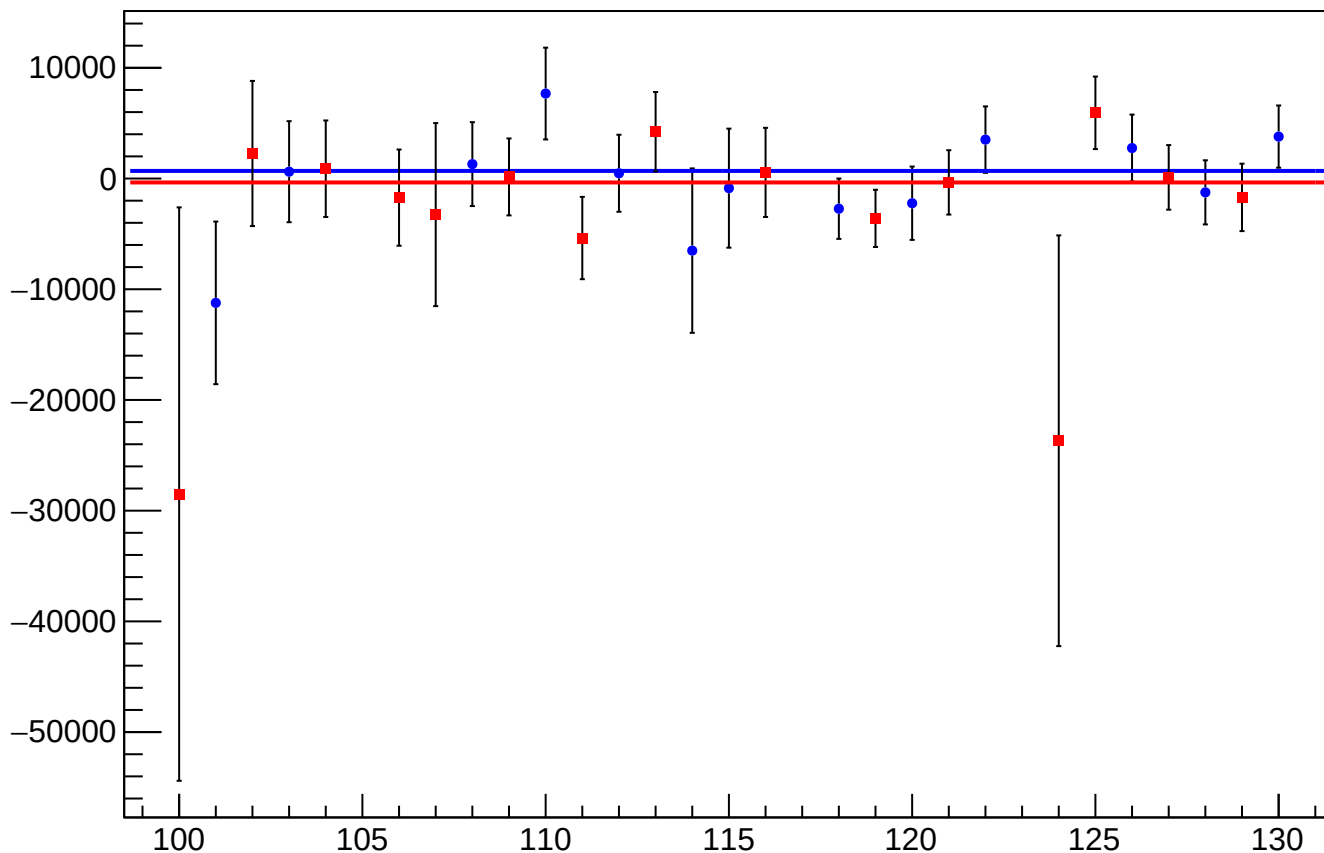
Right: 739.316+/-0.174 χ^2/NDF : 4531173.6/27

In: 734.874+/-0.243 χ^2/NDF : 1787125.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 739.316+/-0.174 χ^2/NDF : 4531173.6/27

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 687.554+/-989.081 χ^2/NDF : 11.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -354.560+/-985.645 χ^2/NDF : 12.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

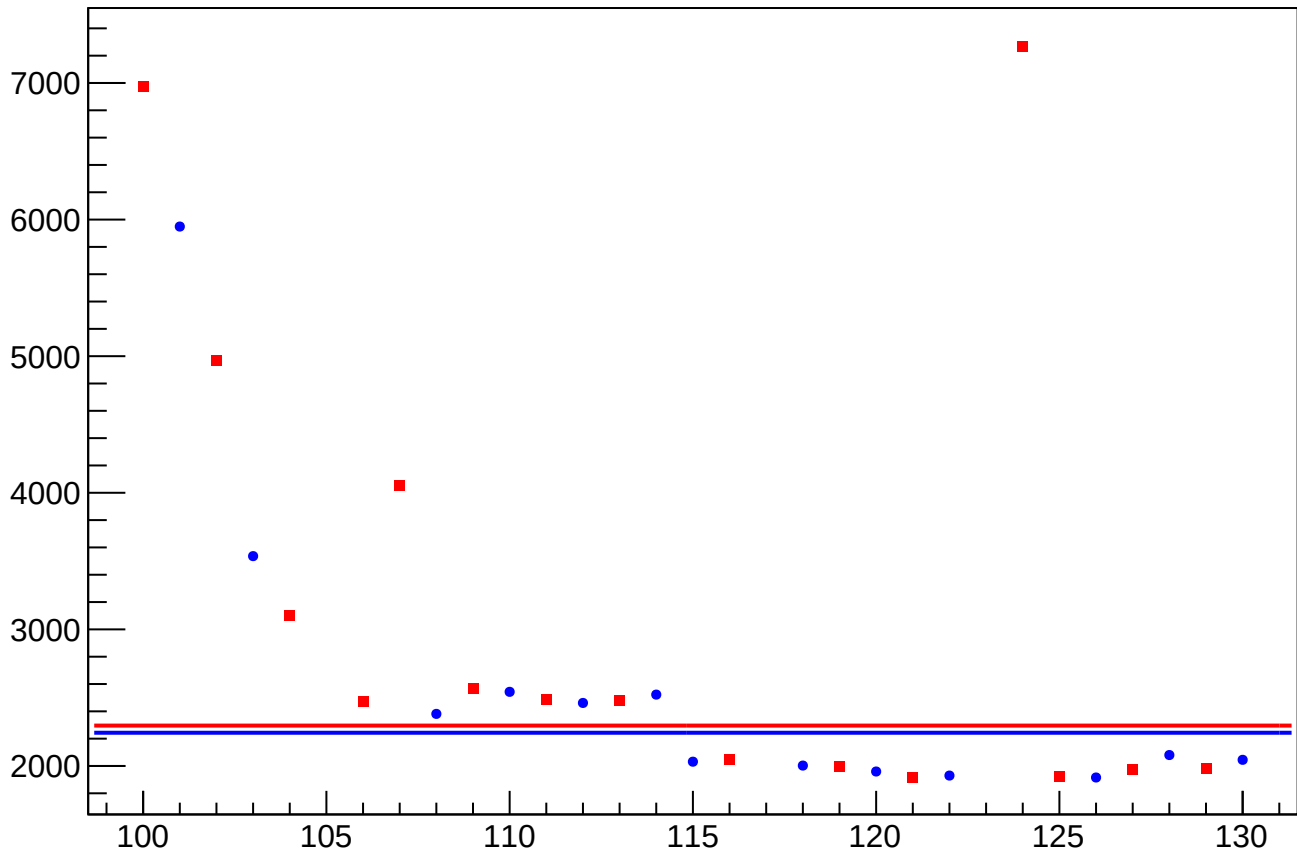
Right: 164.683+/-698.168 χ^2/NDF : 24.7/27

In: 687.554+/-989.081 χ^2/NDF : 11.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.683+/-698.168 χ^2/NDF : 24.7/27

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2243.311+/-0.699 χ^2/NDF : 788403.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2295.675+/-0.697 χ^2/NDF : 866104.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

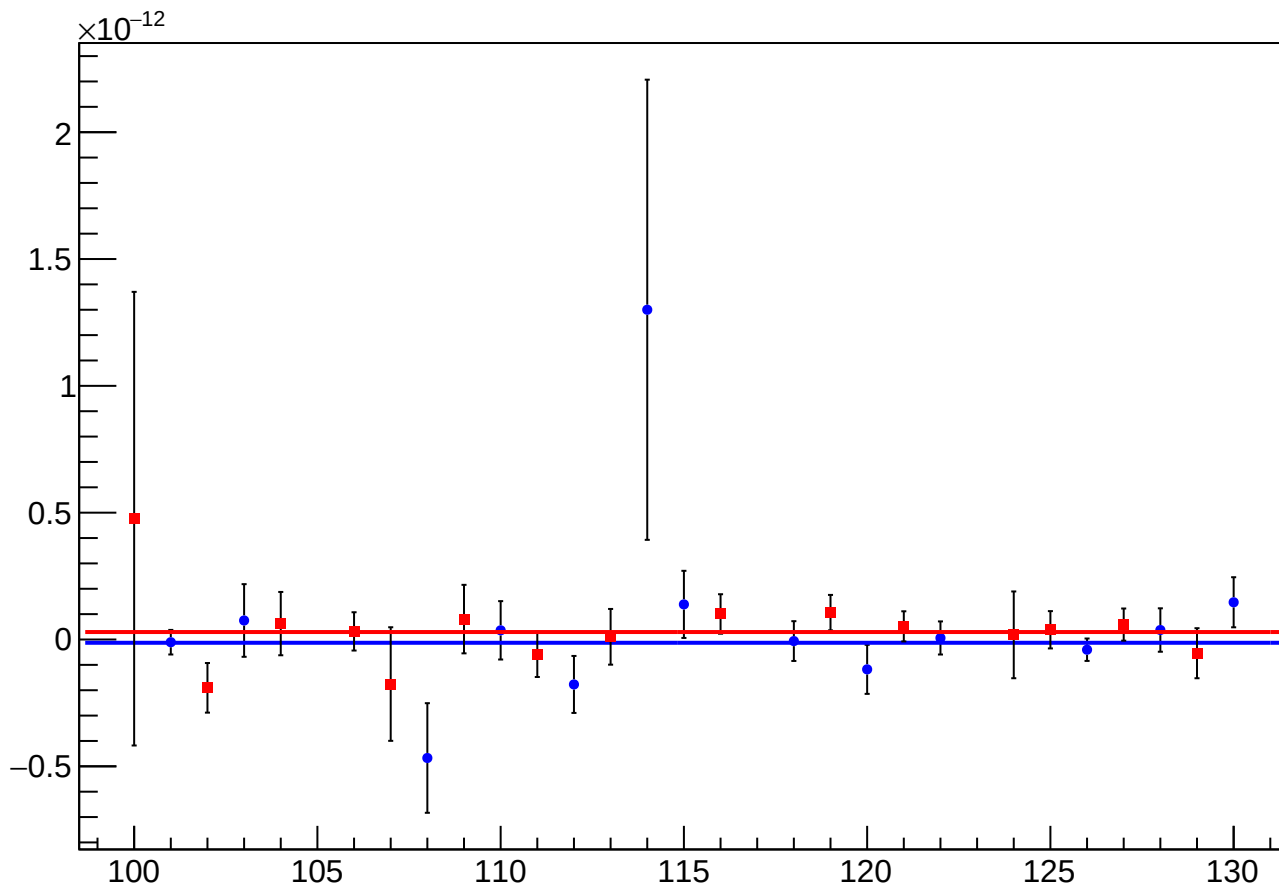
Right: 2269.584+/-0.494 χ^2/NDF : 1657320.6/27

In: 2243.311+/-0.699 χ^2/NDF : 788403.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2269.584+/-0.494 χ^2/NDF : 1657320.6/27

asym_at1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

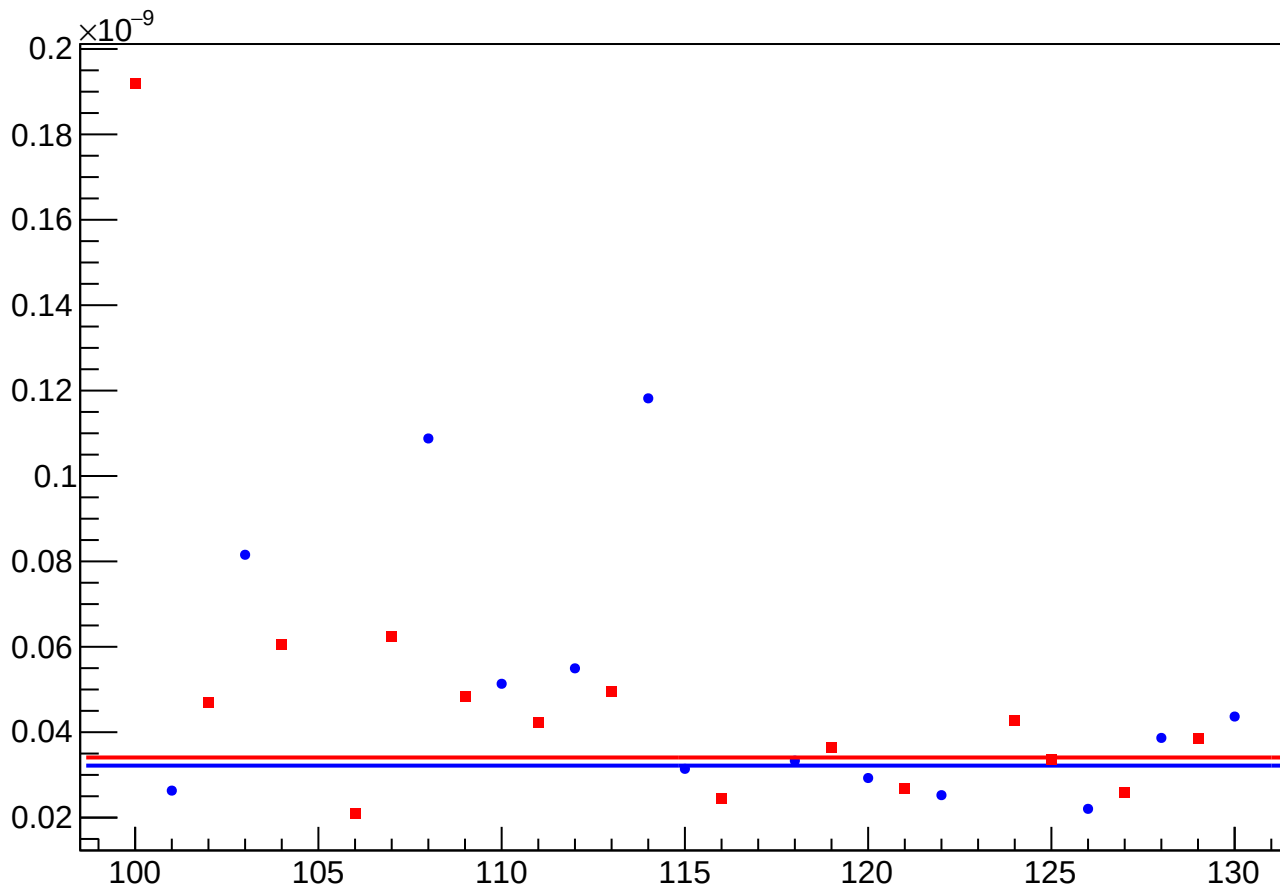
Right: 0.000+/-0.000 χ^2/NDF : 27.3/27

In: -0.000+/-0.000 χ^2/NDF : 15.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.3/27

asym_at1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 842520.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 465621.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

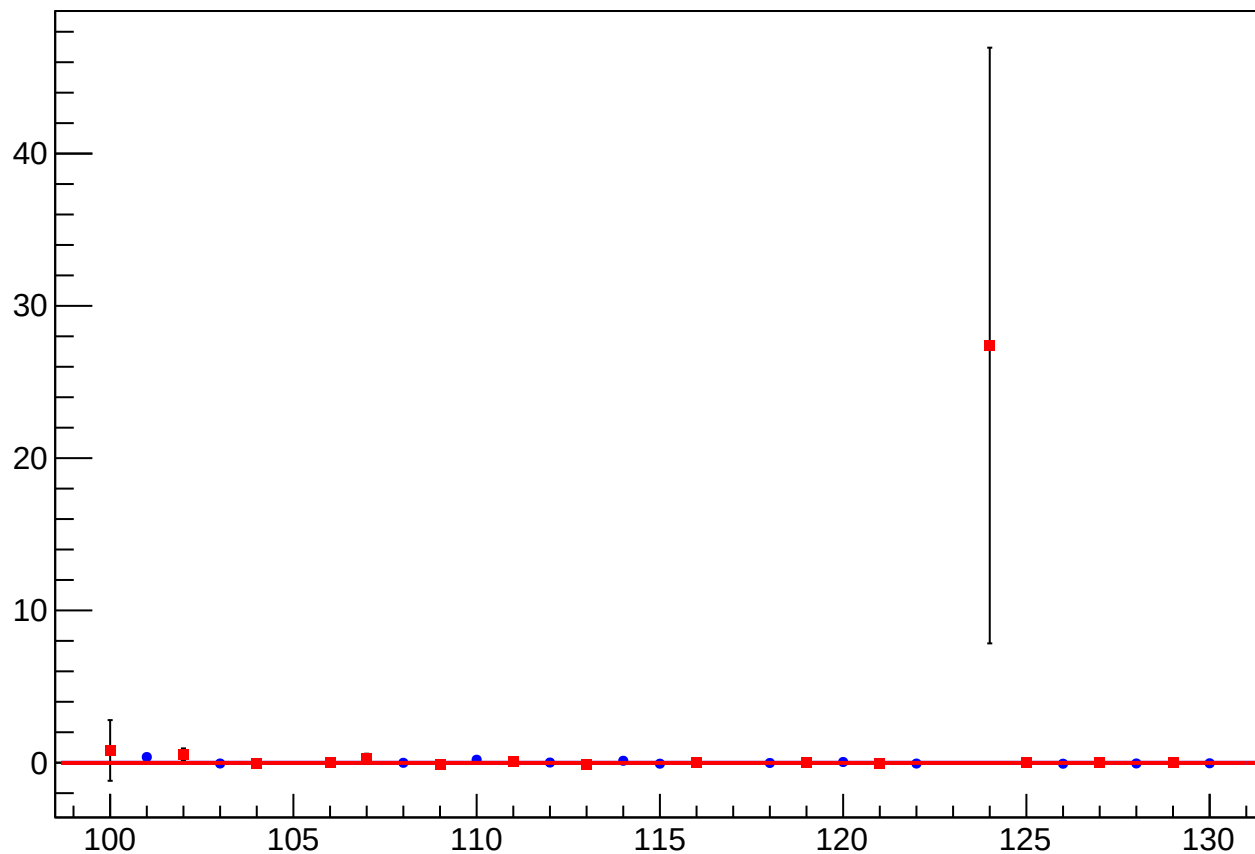
Right: 0.000+/-0.000 χ^2/NDF : 1315062.9/27

In: 0.000+/-0.000 χ^2/NDF : 842520.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1315062.9/27

asym_at1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 ± 0.018 χ^2/NDF : 17.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.014 ± 0.018 χ^2/NDF : 11.5/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

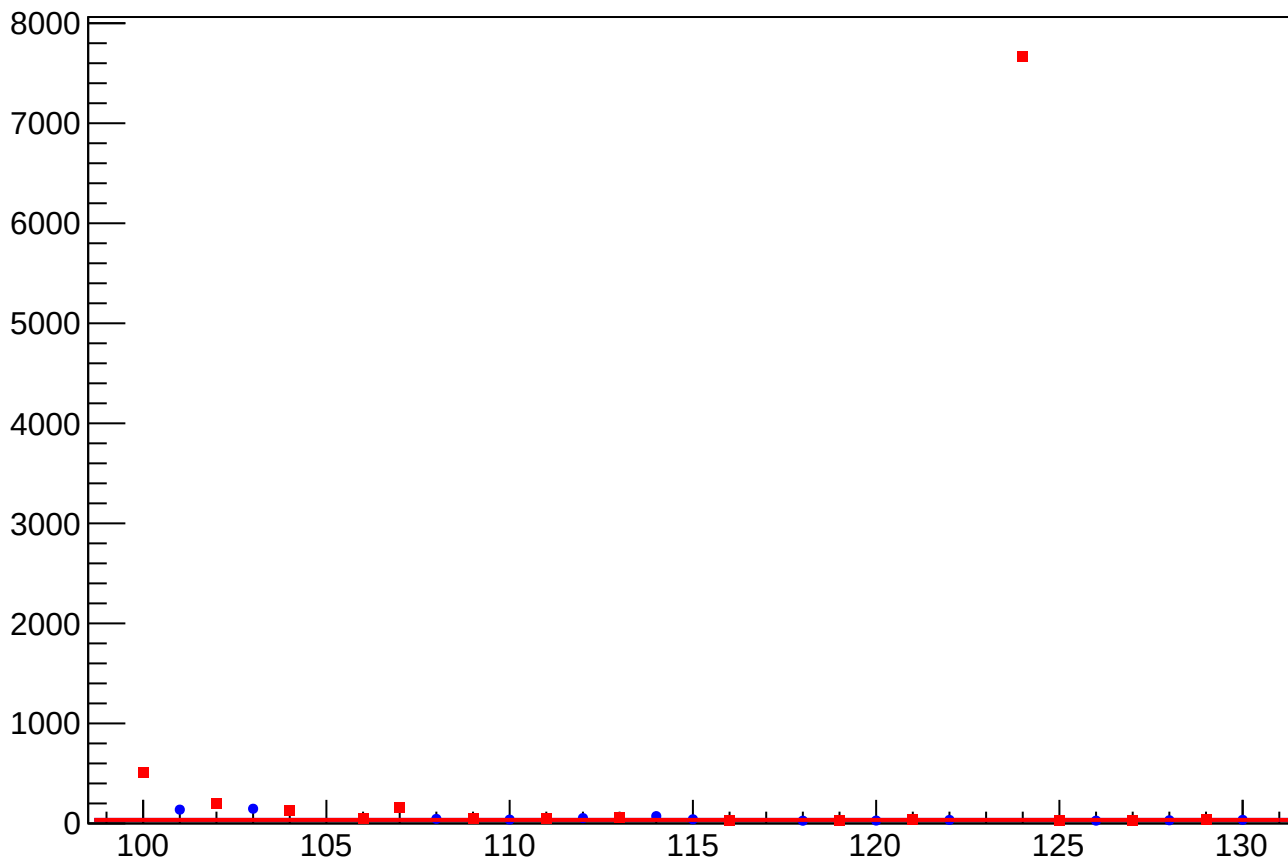
Right: -0.011 ± 0.013 χ^2/NDF : 28.9/27

In: -0.008 ± 0.018 χ^2/NDF : 17.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.013 χ^2/NDF : 28.9/27

asym_at1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.625+/-0.013 χ^2/NDF : 1649437.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.453+/-0.013 χ^2/NDF : 1947607.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

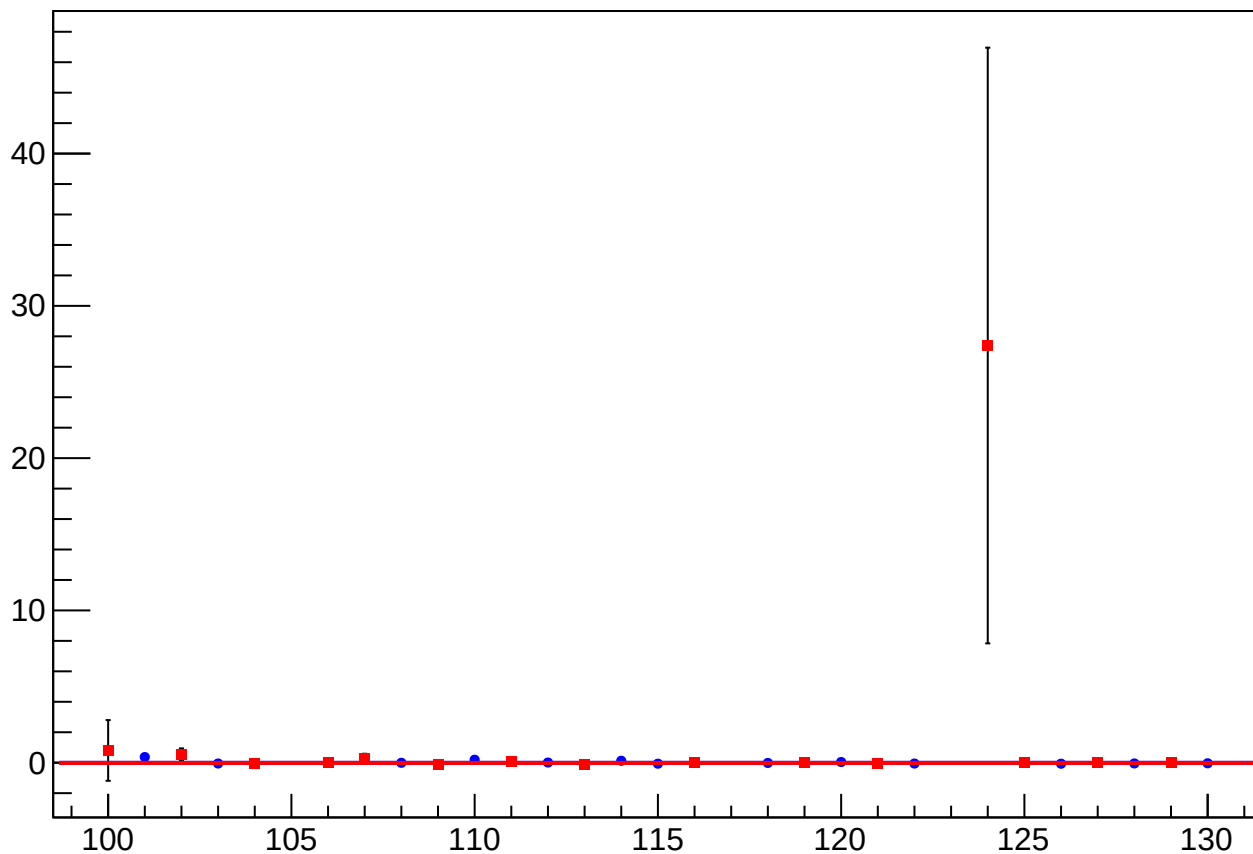
Right: 35.541+/-0.009 χ^2/NDF : 3597134.7/27

In: 35.625+/-0.013 χ^2/NDF : 1649437.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.541+/-0.009 χ^2/NDF : 3597134.7/27

asym_at1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 $\pm$ 0.018 χ^2 /NDF: 17.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.014 $\pm$ 0.018 χ^2 /NDF: 11.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

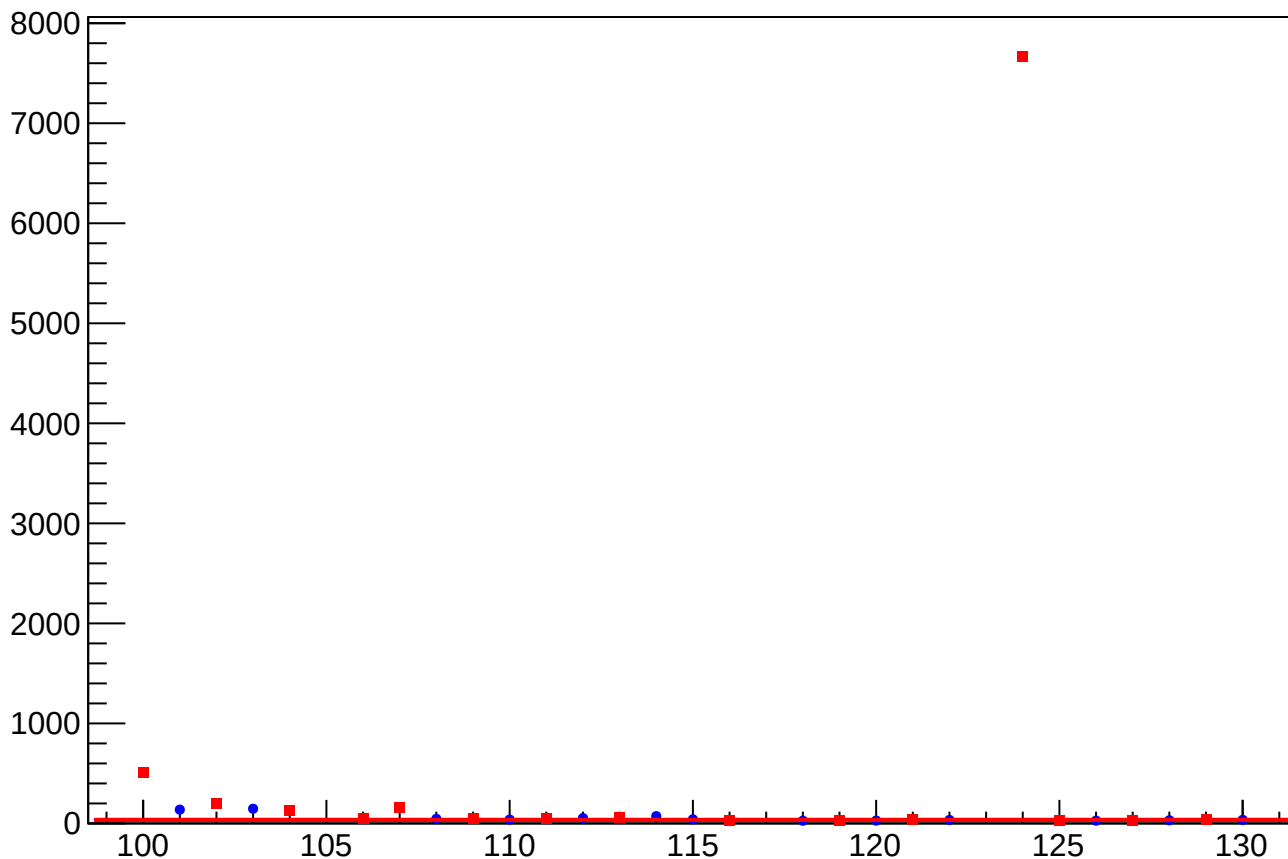
Right: -0.011 $\pm$ 0.013 χ^2 /NDF: 28.9/27

In: -0.008 $\pm$ 0.018 χ^2 /NDF:17.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.011 $\pm$ 0.013 χ^2 /NDF: 28.9/27

asym_at1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.625+/-0.013 χ^2/NDF : 1649437.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.453+/-0.013 χ^2/NDF : 1947607.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

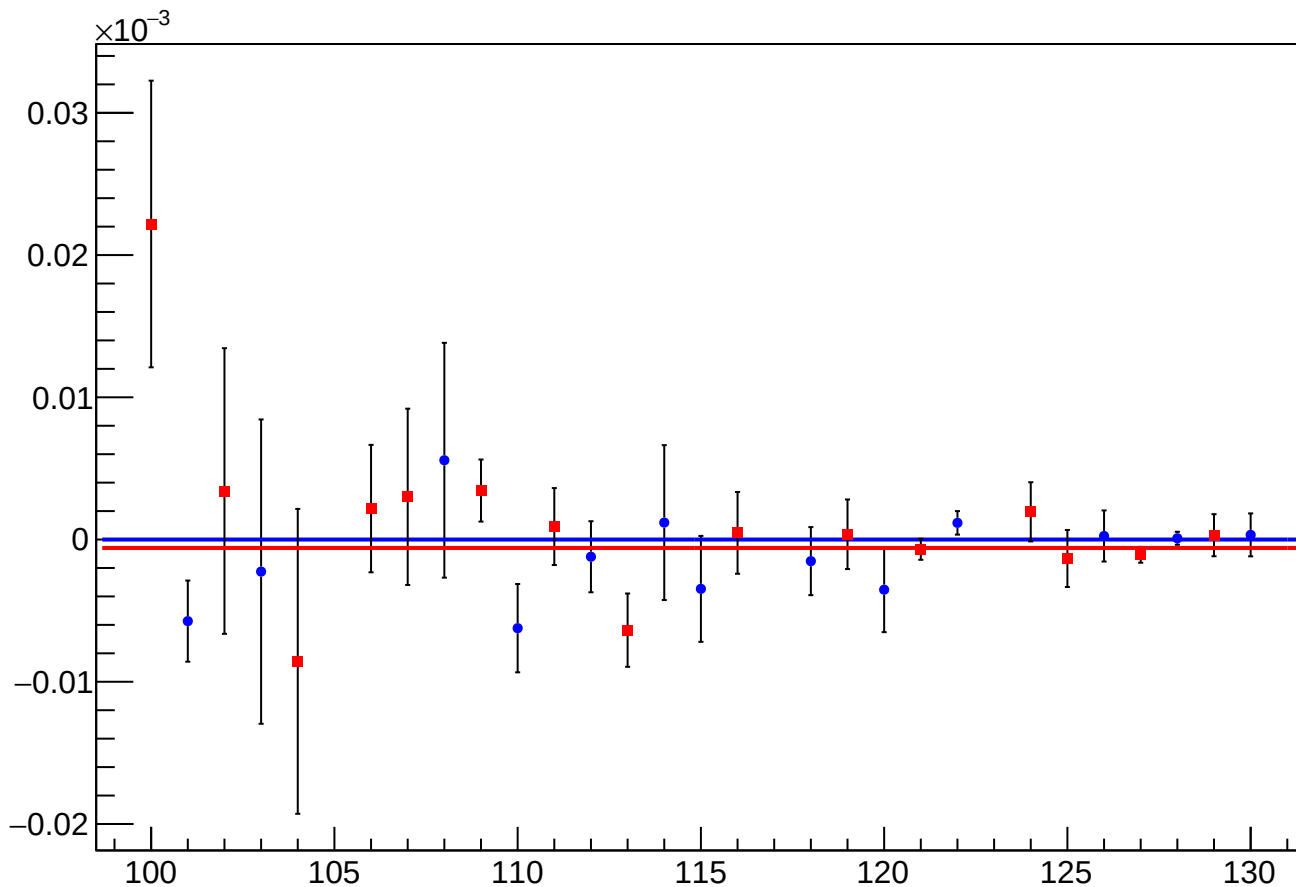
Right: 35.541+/-0.009 χ^2/NDF : 3597134.7/27

In: 35.625+/-0.013 χ^2/NDF : 1649437.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.541+/-0.009 χ^2/NDF : 3597134.7/27

asym_at1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

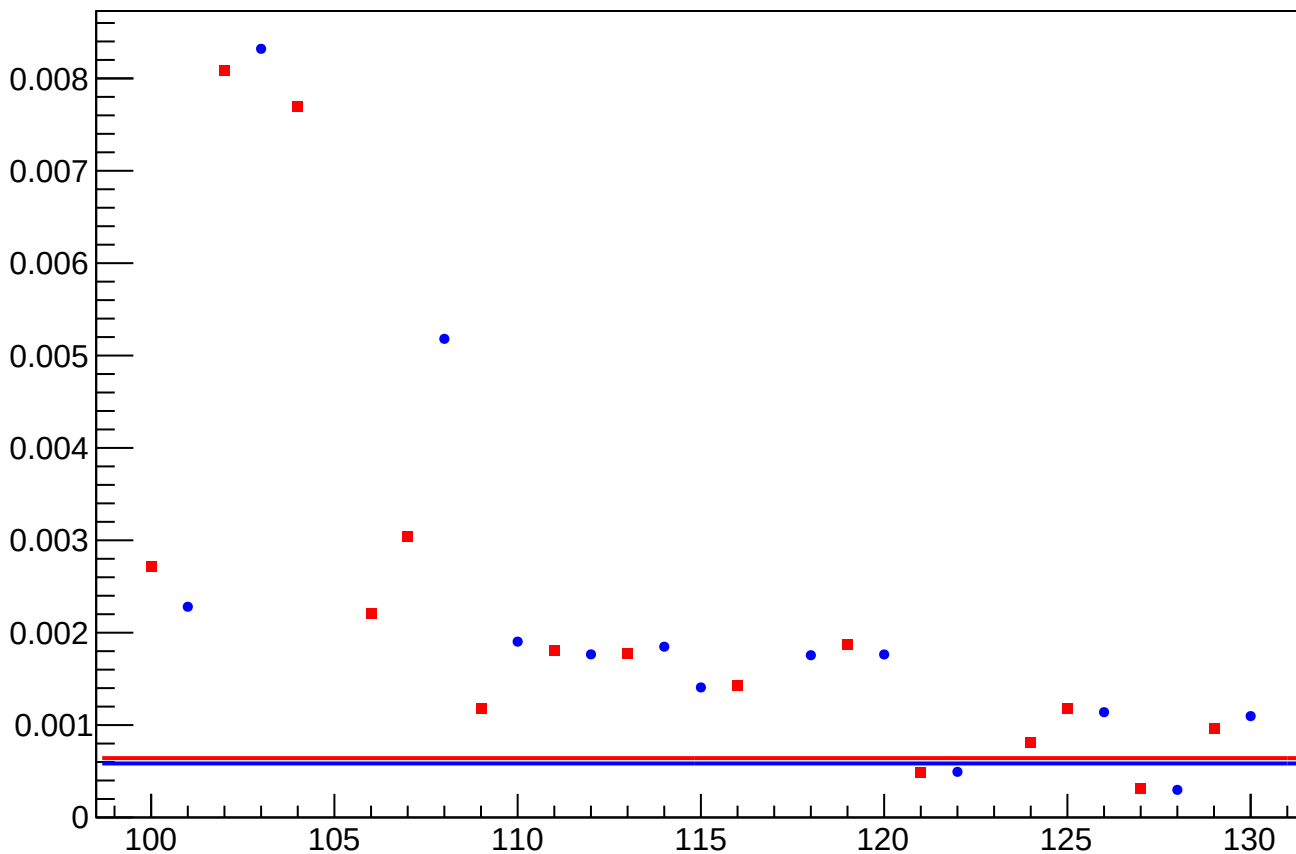
Right: -0.000+/-0.000 χ^2/NDF : 33.3/27

In: 0.000+/-0.000 χ^2/NDF : 13.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.3/27

asym_at1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 5407709.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 5181425.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

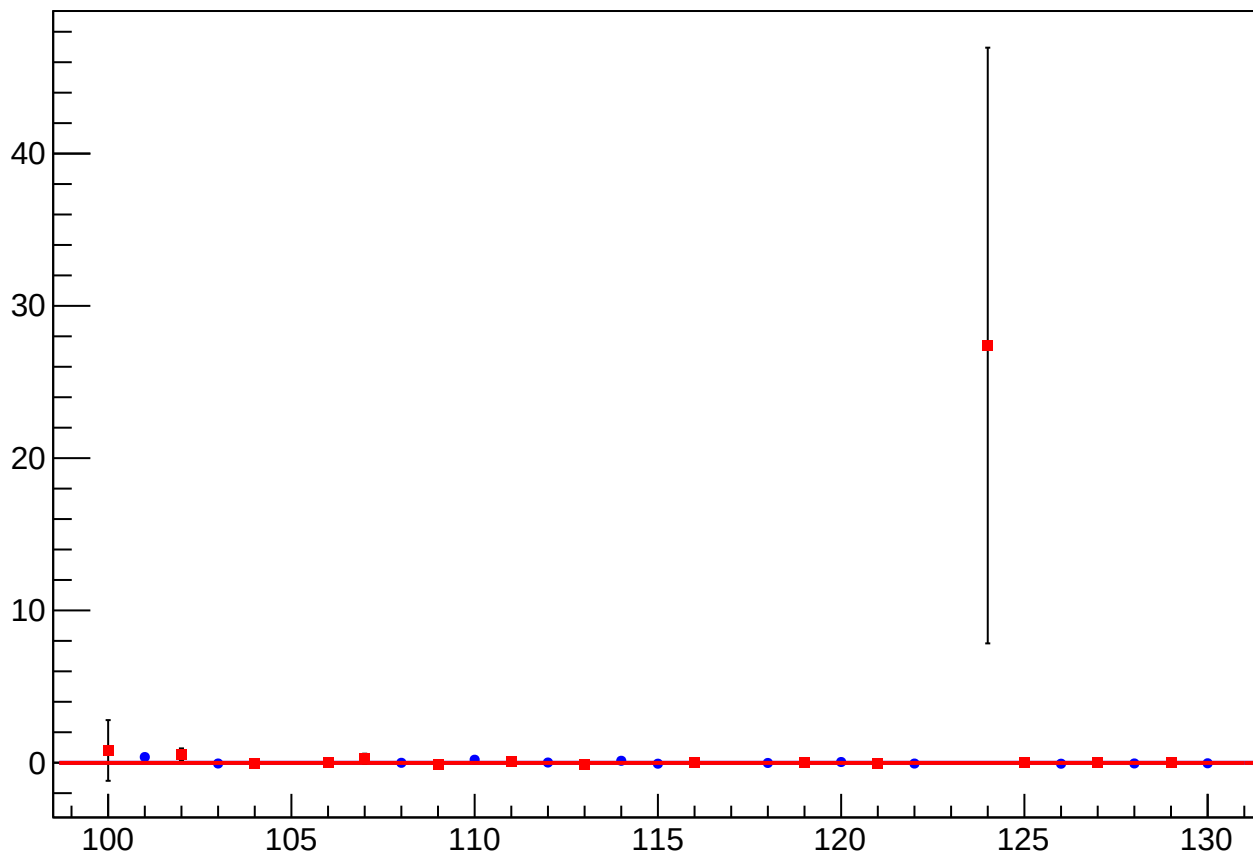
Right: 0.001+/-0.000 χ^2/NDF : 10613435.4/27

In: 0.001+/-0.000 χ^2/NDF :5407709.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 10613435.4/27

asym_at1_dd_eigen_dit_vs_slug, Sign Corrected



Right In: -0.008+/-0.018 χ^2/NDF : 17.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.018 χ^2/NDF : 11.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

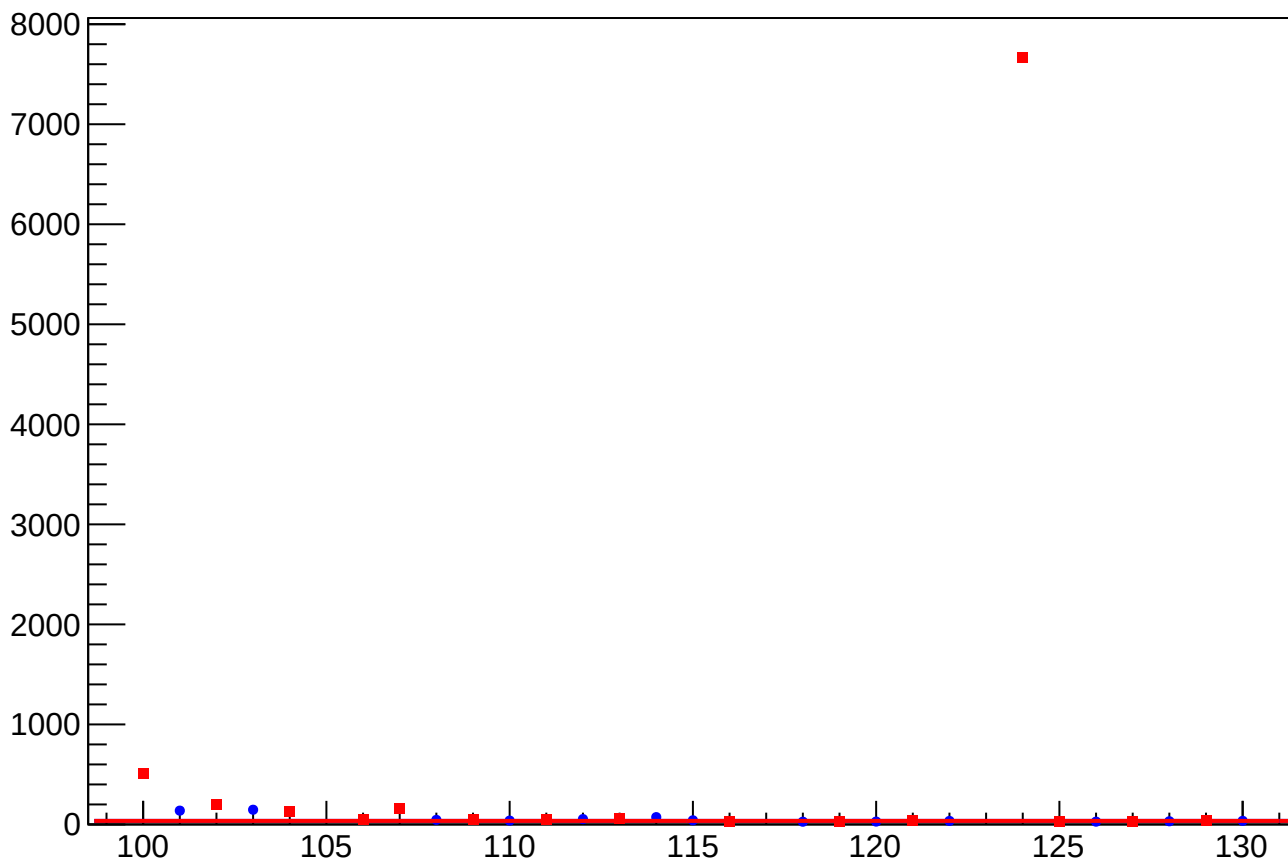
Right: -0.011+/-0.013 χ^2/NDF : 28.9/27

In: -0.008+/-0.018 χ^2/NDF : 17.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.013 χ^2/NDF : 28.9/27

asym_at1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.625+/-0.013 χ^2/NDF : 1649413.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.452+/-0.013 χ^2/NDF : 1947598.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

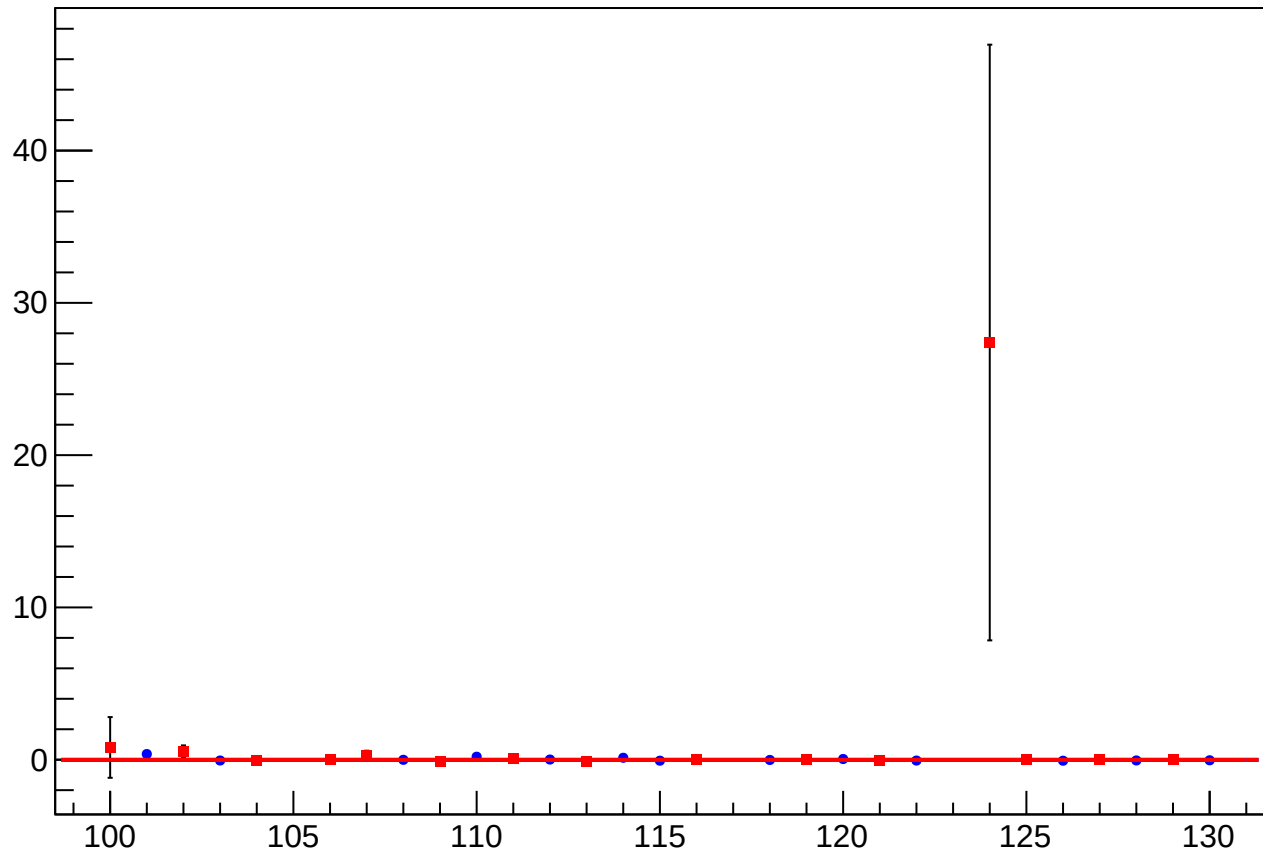
Right: 35.541+/-0.009 χ^2/NDF : 3597101.9/27

In: 35.625+/-0.013 χ^2/NDF : 1649413.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.541+/-0.009 χ^2/NDF : 3597101.9/27

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008+/-0.018 χ^2/NDF : 17.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.018 χ^2/NDF : 11.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

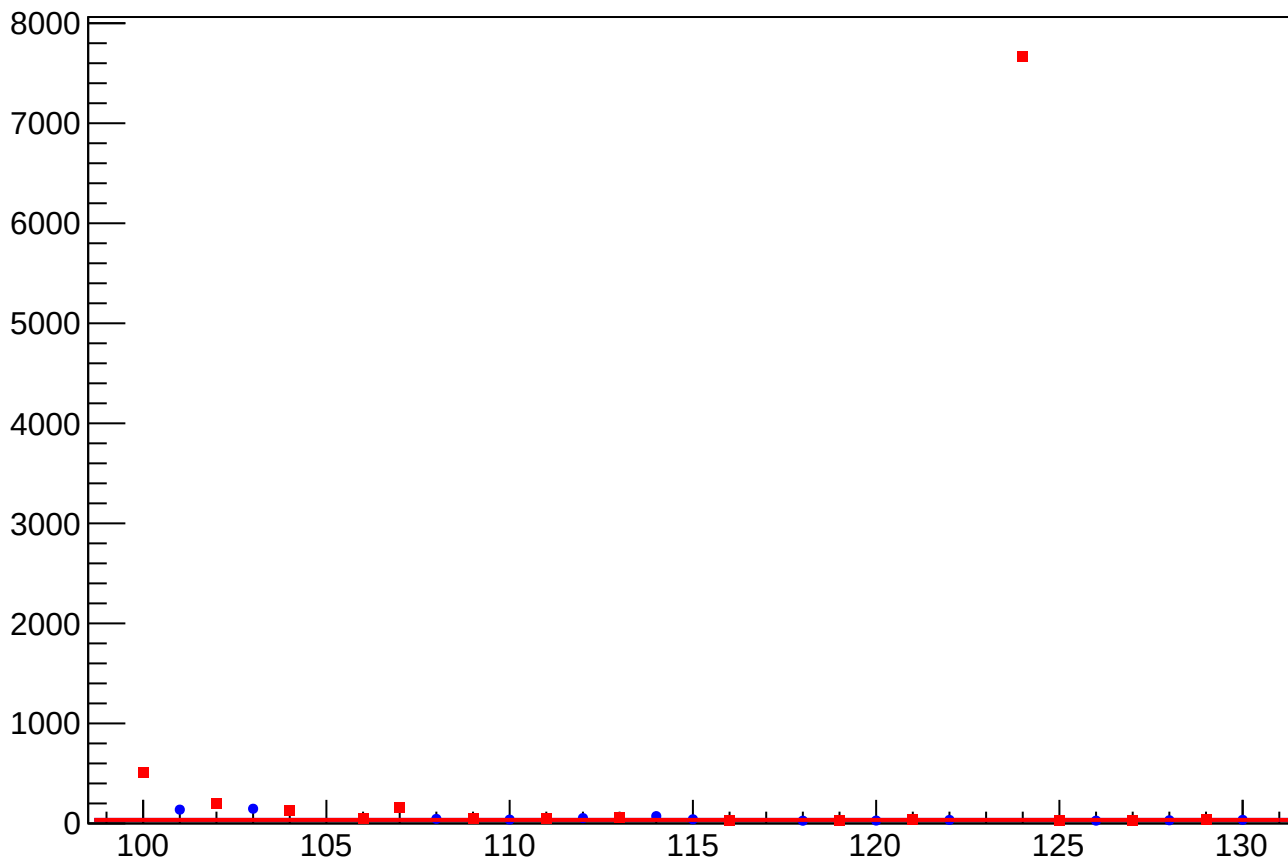
Right: -0.011+/-0.013 χ^2/NDF : 28.9/27

In: -0.008+/-0.018 χ^2/NDF : 17.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.013 χ^2/NDF : 28.9/27

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.625+/-0.013 χ^2/NDF : 1649413.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.452+/-0.013 χ^2/NDF : 1947598.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

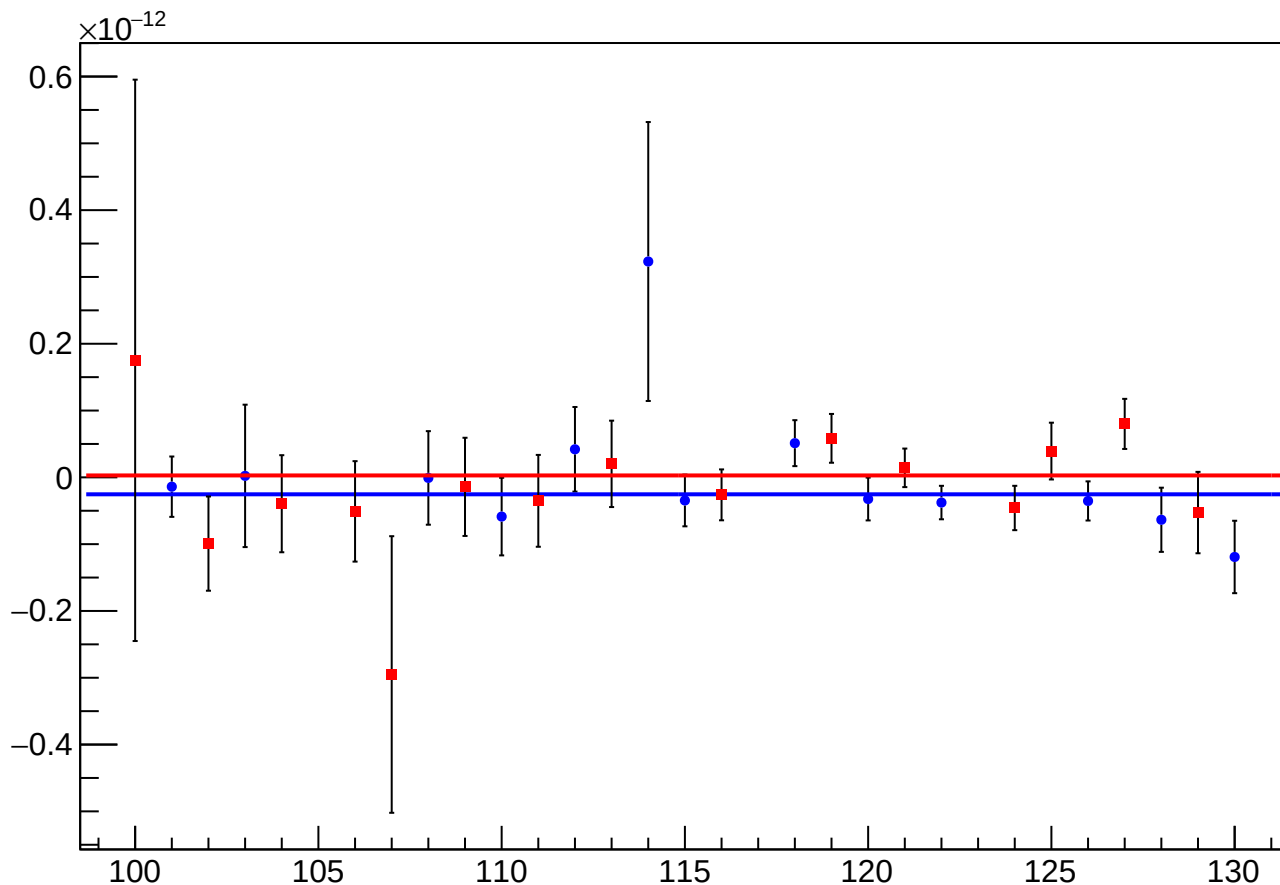
Right: 35.541+/-0.009 χ^2/NDF : 3597101.9/27

In: 35.625+/-0.013 χ^2/NDF : 1649413.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.541+/-0.009 χ^2/NDF : 3597101.9/27

asym_at1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 13.5/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 16.6/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

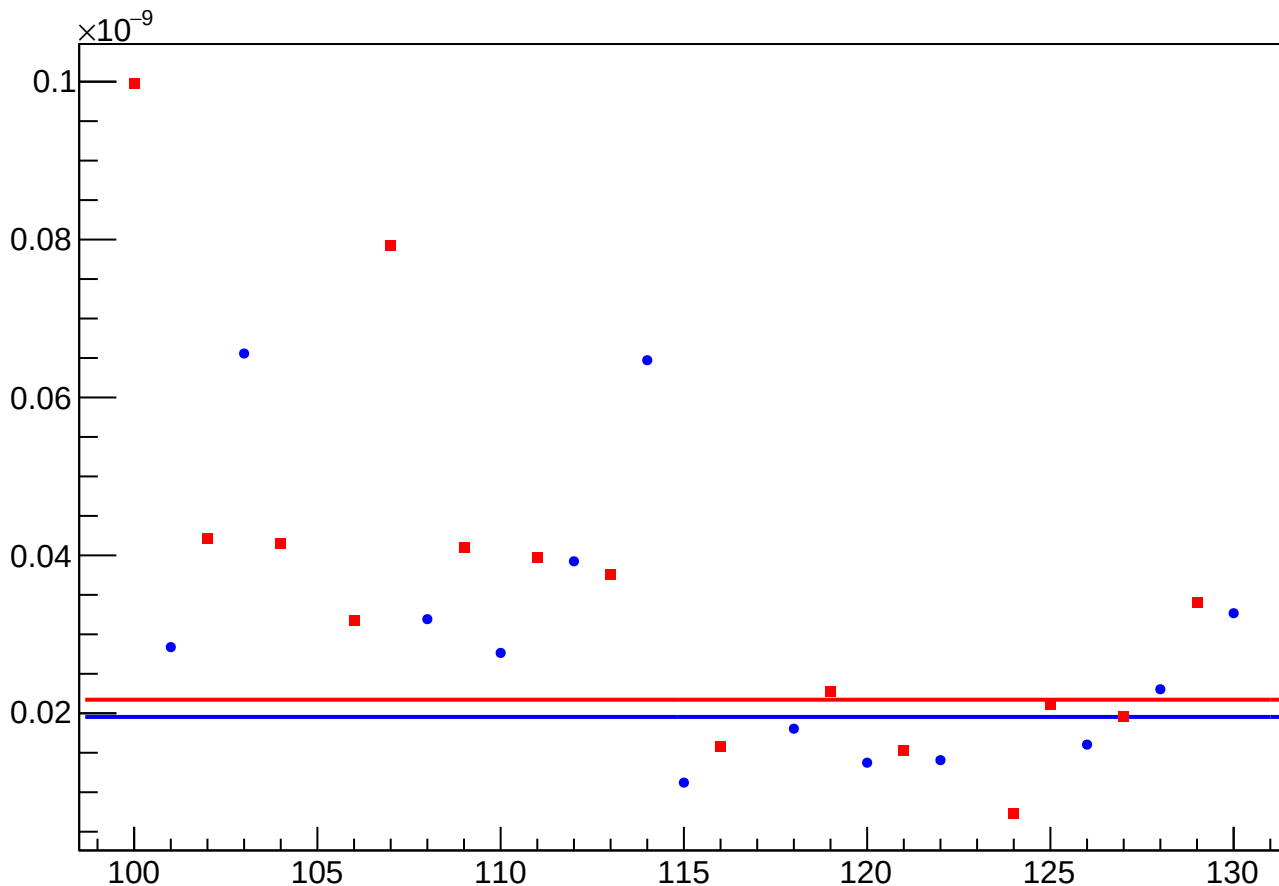
Right: -0.000+/-0.000 χ^2 /NDF: 32.9/27

In: -0.000+/-0.000 χ^2 /NDF:13.5/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 32.9/27

asym_at1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1252432.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1583653.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

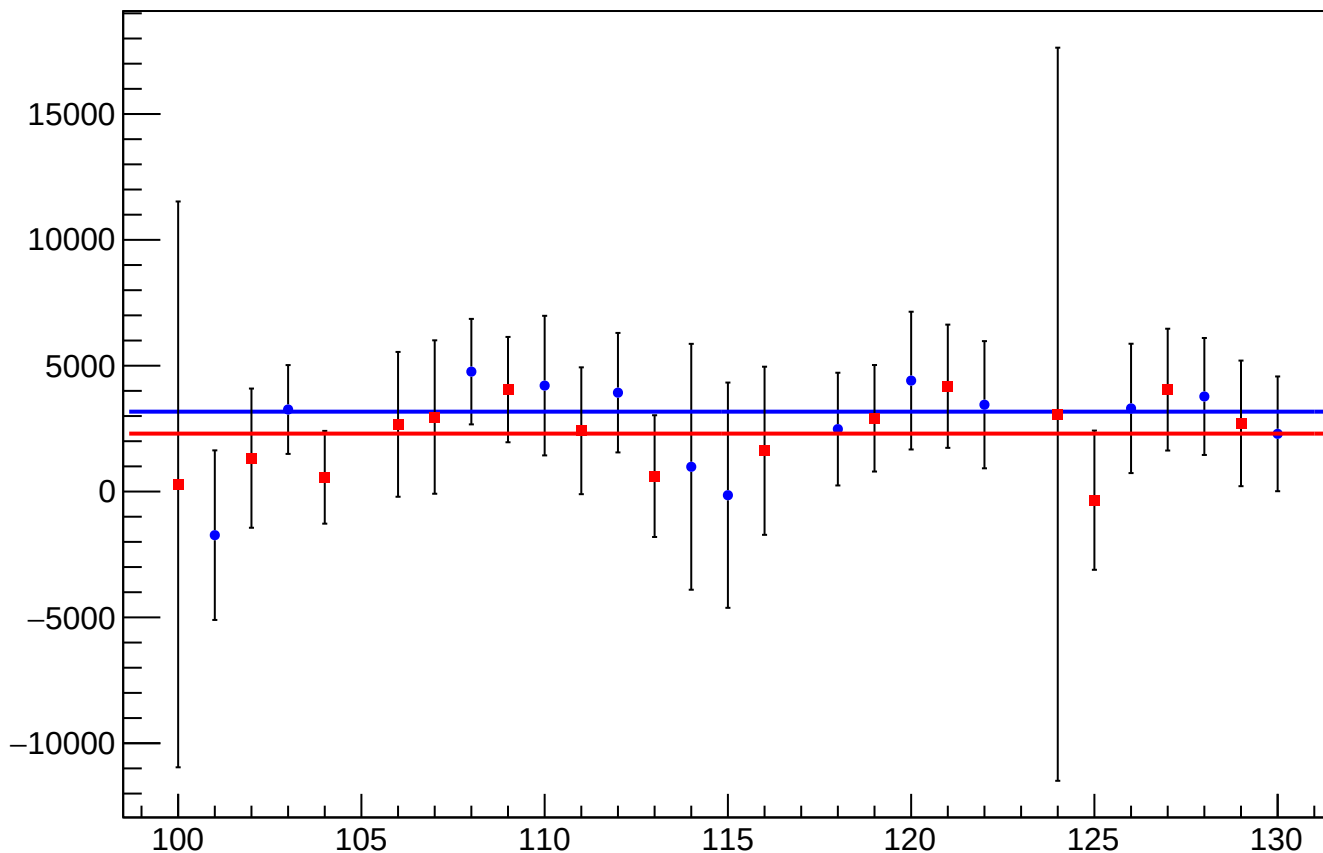
Right: 0.000+/-0.000 χ^2/NDF : 2868442.6/27

In: 0.000+/-0.000 χ^2/NDF : 1252432.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2868442.6/27

reg_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3174.001+/-697.608 χ^2/NDF : 4.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2301.859+/-679.622 χ^2/NDF : 4.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

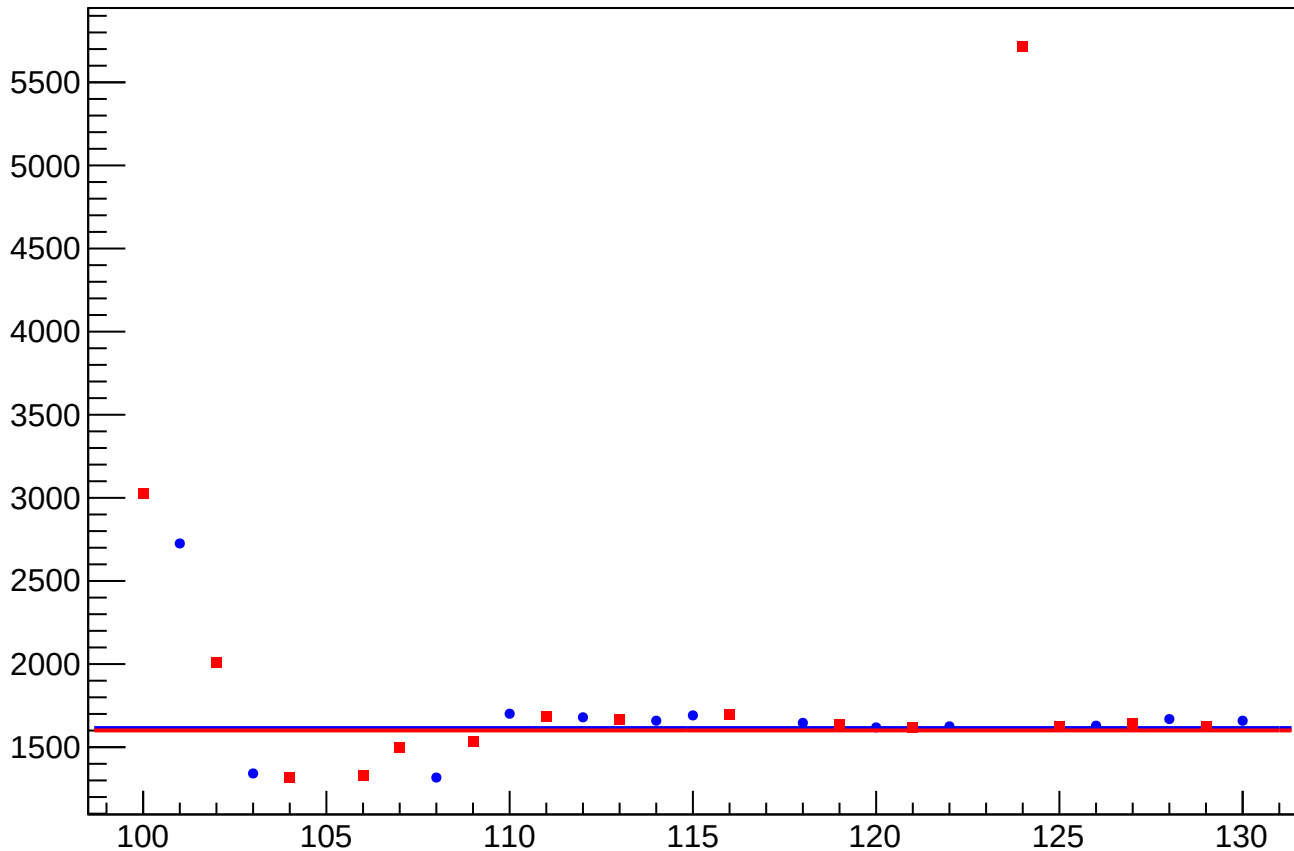
Right: 2726.542+/-486.800 χ^2/NDF : 9.5/27

In: 3174.001+/-697.608 χ^2/NDF : 4.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2726.542+/-486.800 χ^2/NDF : 9.5/27

reg_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1614.919+/-0.493 χ^2/NDF : 312084.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1600.970+/-0.481 χ^2/NDF : 310839.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

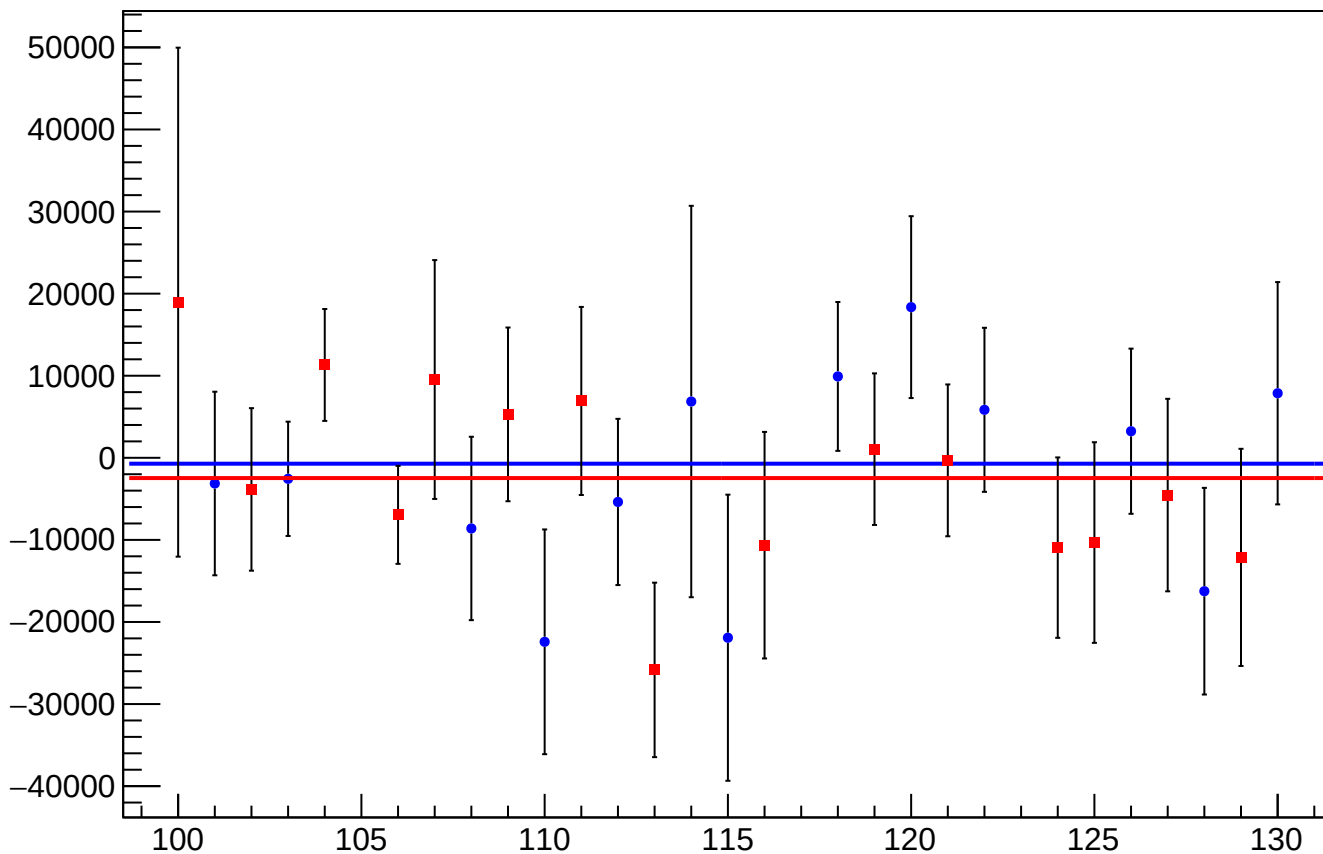
Right: 1607.762+/-0.344 χ^2/NDF : 623334.3/27

In: 1614.919+/-0.493 χ^2/NDF : 312084.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1607.762+/-0.344 χ^2/NDF : 623334.3/27

asym_at2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -717.283+/-3032.562 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2468.522+/-2602.591 χ^2/NDF : 14.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

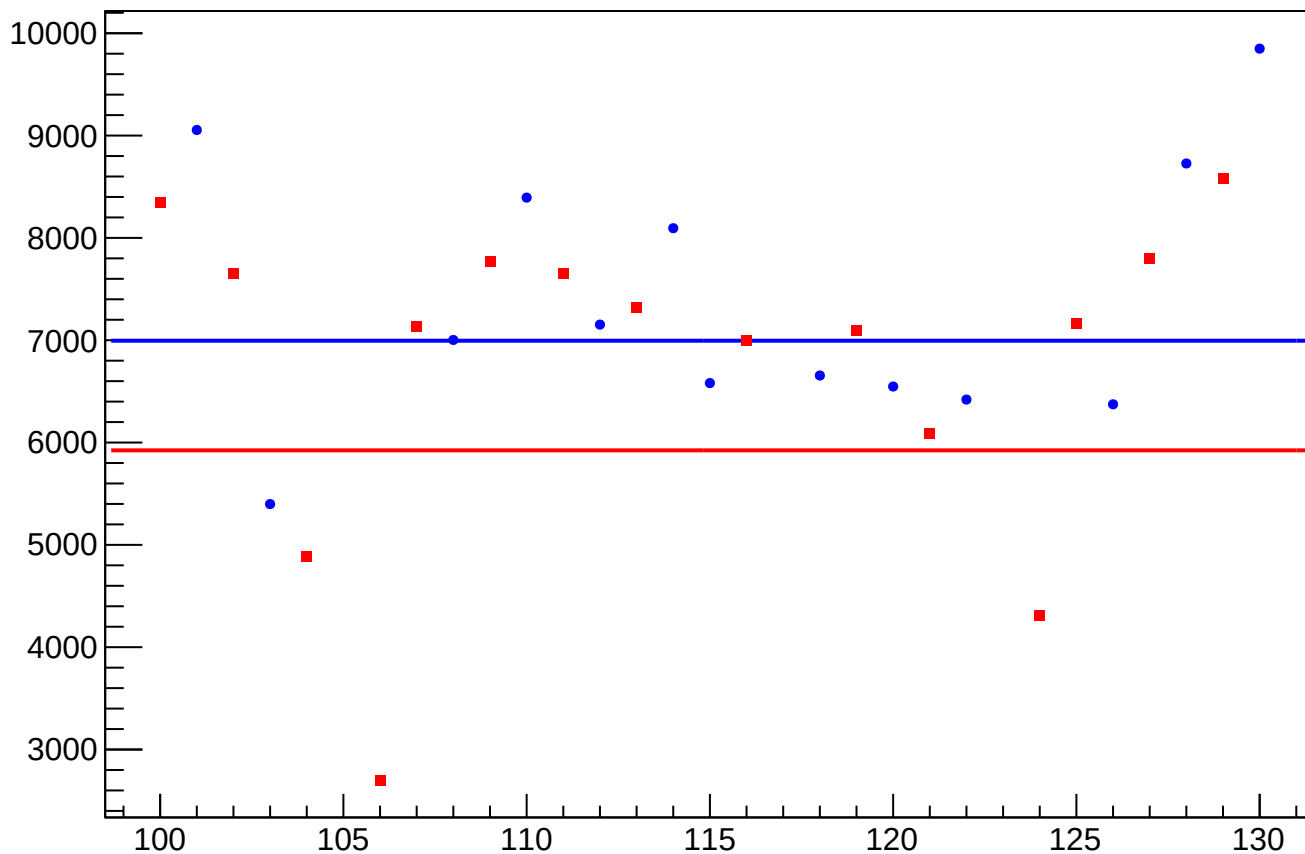
Right: -1725.751+/-1974.987 χ^2/NDF : 26.0/27

In: -717.283+/-3032.562 χ^2/NDF :11.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1725.751+/-1974.987 χ^2/NDF : 26.0/27

asym_at2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 6995.110+/-2.144 χ^2/NDF : 346739.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 5923.816+/-1.840 χ^2/NDF : 1100030.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

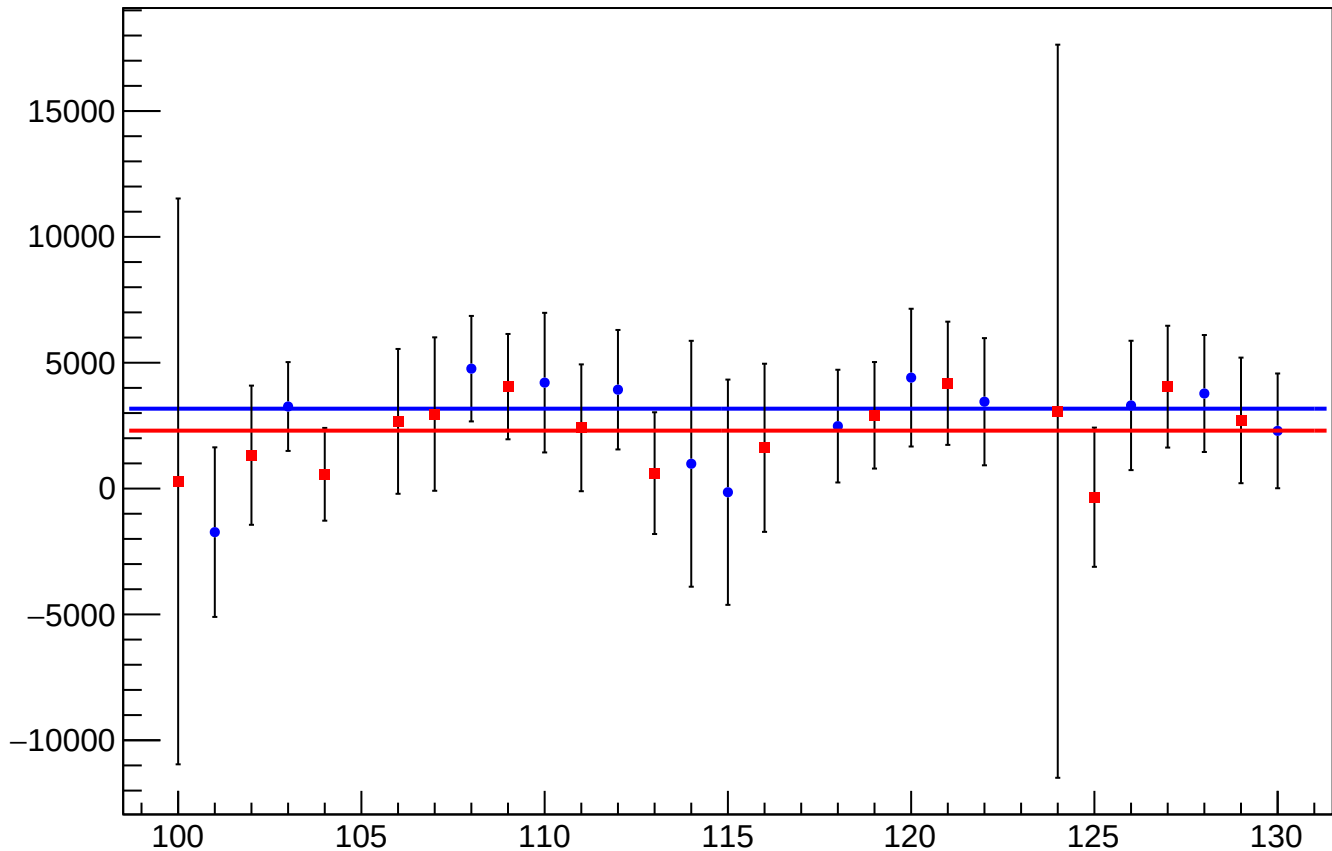
Right: 6378.195+/-1.397 χ^2/NDF : 1590499.7/27

In: 6995.110+/-2.144 χ^2/NDF :346739.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6378.195+/-1.397 χ^2/NDF : 1590499.7/27

cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3174.142+/-697.608 χ^2/NDF : 4.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2301.648+/-679.622 χ^2/NDF : 4.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

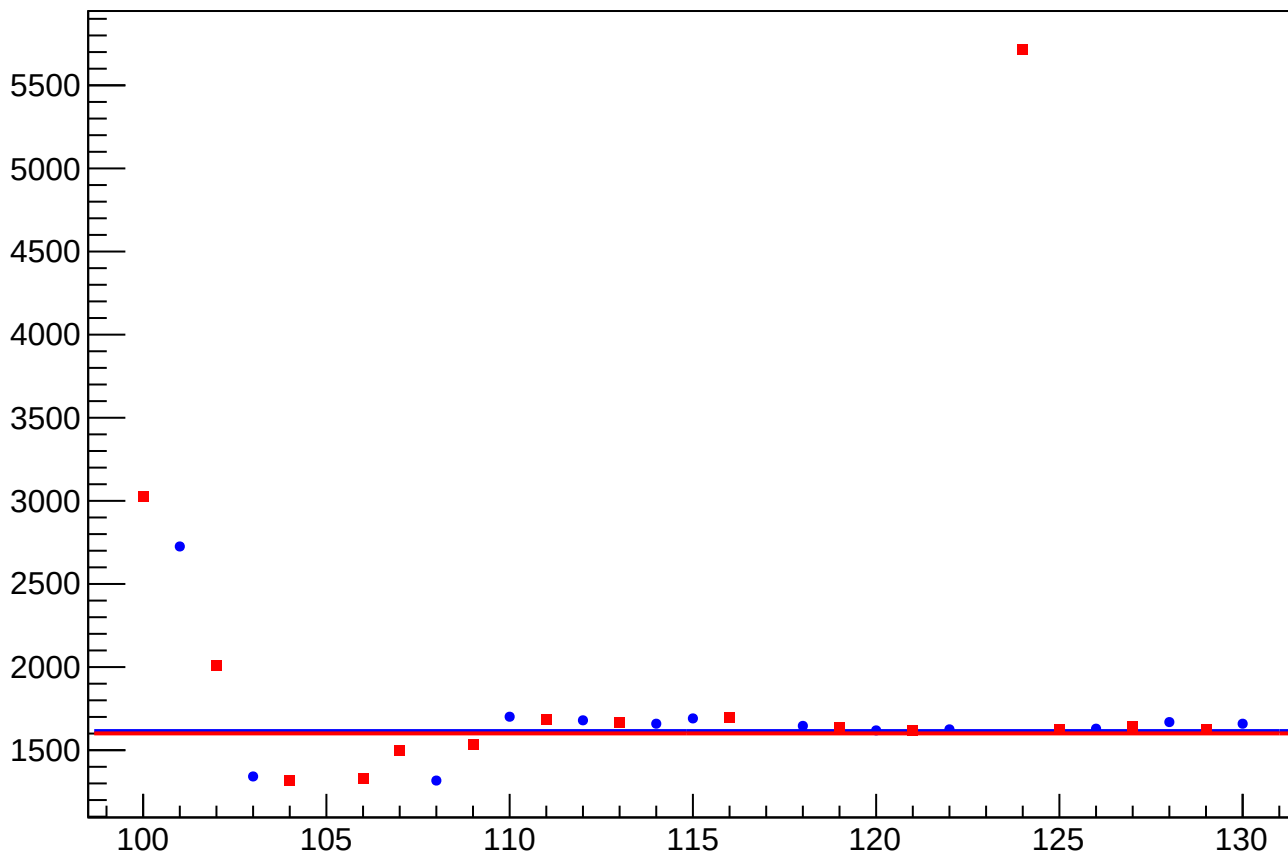
Right: 2726.503+/-486.800 χ^2/NDF : 9.5/27

In: 3174.142+/-697.608 χ^2/NDF : 4.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2726.503+/-486.800 χ^2/NDF : 9.5/27

cor_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1614.919+/-0.493 χ^2/NDF : 312084.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1600.970+/-0.481 χ^2/NDF : 310839.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

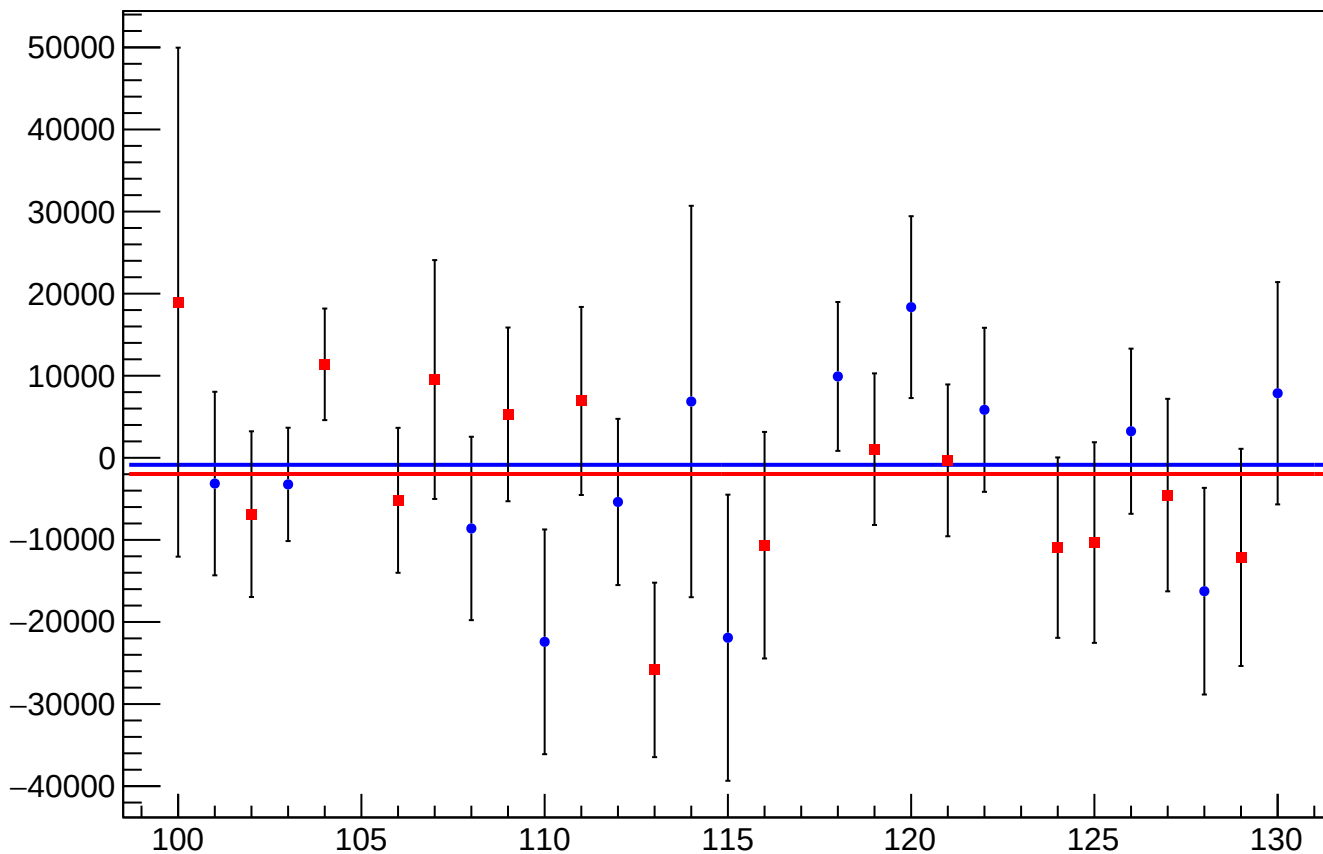
Right: 1607.762+/-0.344 χ^2/NDF : 623334.4/27

In: 1614.919+/-0.493 χ^2/NDF : 312084.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1607.762+/-0.344 χ^2/NDF : 623334.4/27

asym_at2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -853.916+/-3027.617 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1972.147+/-2751.509 χ^2/NDF : 13.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

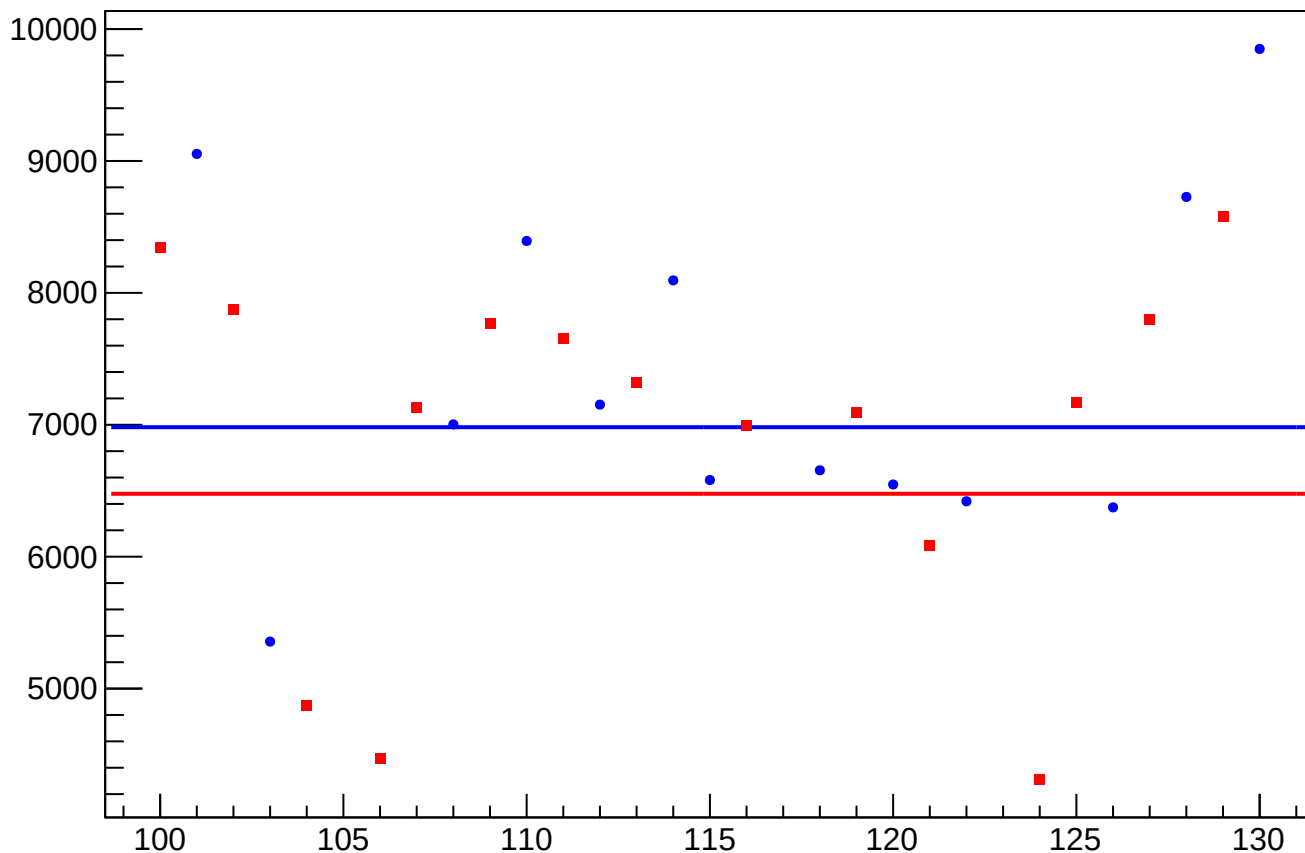
Right: -1466.335+/-2036.243 χ^2/NDF : 25.6/27

In: -853.916+/-3027.617 χ^2/NDF :11.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1466.335+/-2036.243 χ^2/NDF : 25.6/27

asym_at2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 6981.751+/-2.141 χ^2/NDF : 354208.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6477.062+/-1.946 χ^2/NDF : 503713.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

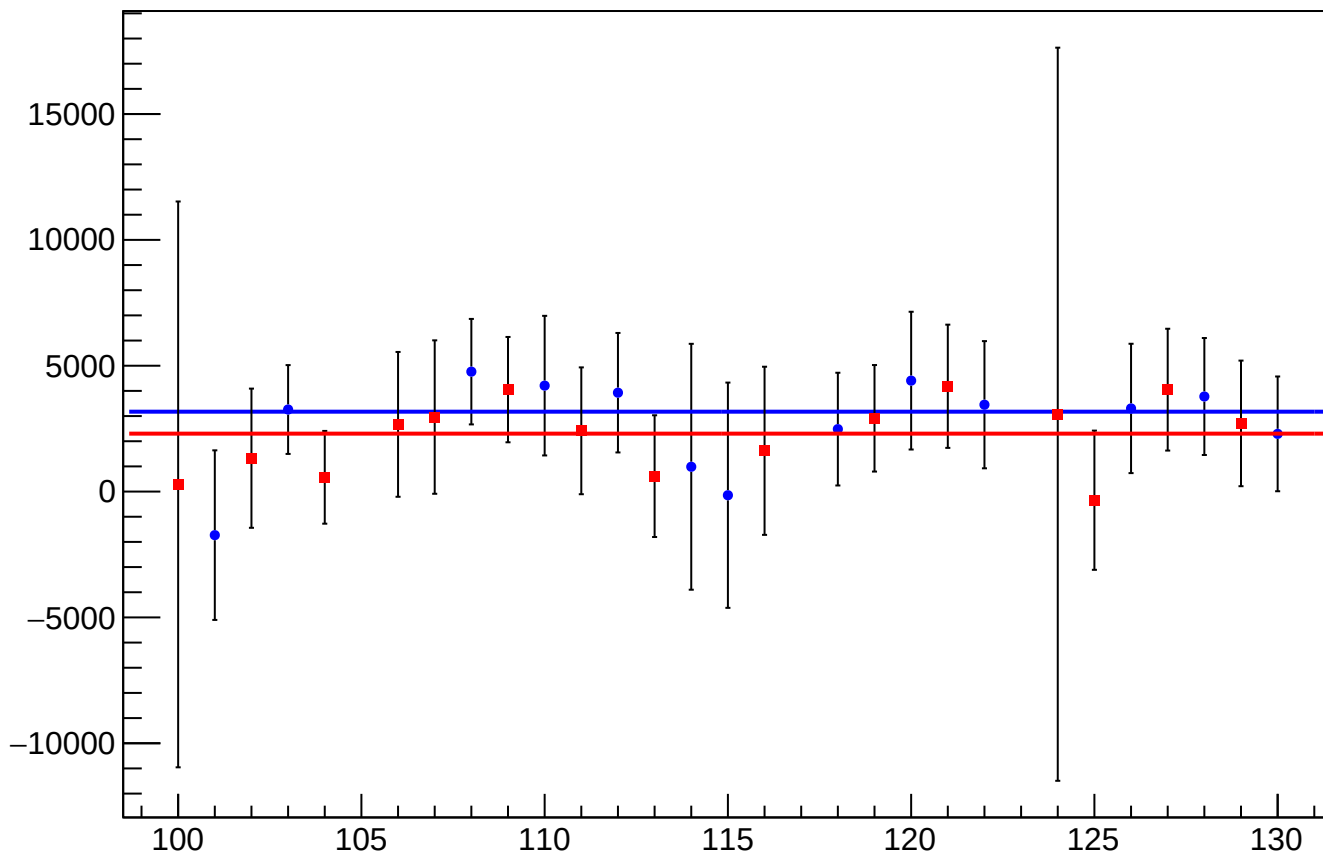
Right: 6705.349+/-1.440 χ^2/NDF : 888358.3/27

In: 6981.751+/-2.141 χ^2/NDF : 354208.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6705.349+/-1.440 χ^2/NDF : 888358.3/27

eigen_cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3174.142 $\pm$ 697.608 χ^2 /NDF: 4.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2301.648 $\pm$ 679.622 χ^2 /NDF: 4.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

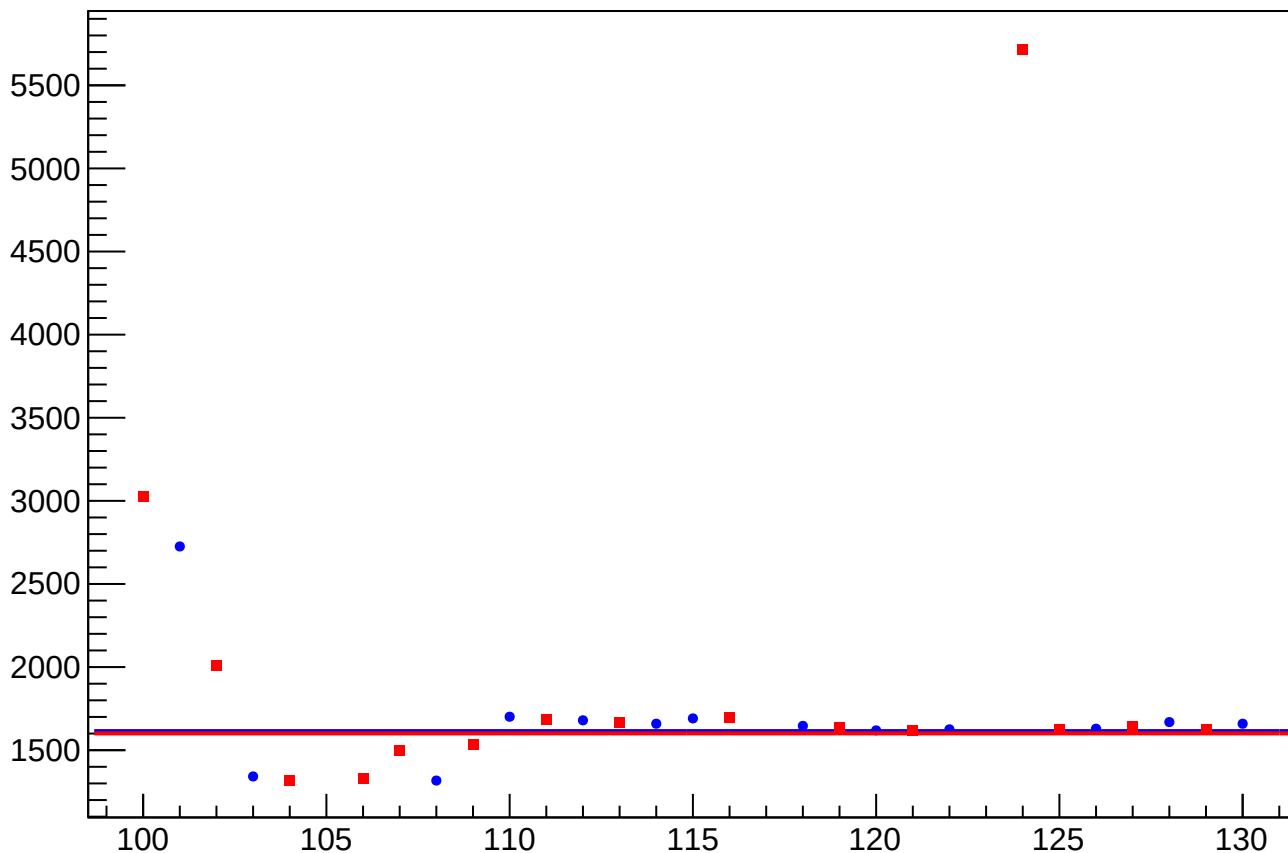
Right: 2726.503 $\pm$ 486.800 χ^2 /NDF: 9.5/27

In: 3174.142 $\pm$ 697.608 χ^2 /NDF:4.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2726.503 $\pm$ 486.800 χ^2 /NDF: 9.5/27

eigen_cor_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1614.919+/-0.493 χ^2/NDF : 312084.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1600.970+/-0.481 χ^2/NDF : 310839.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

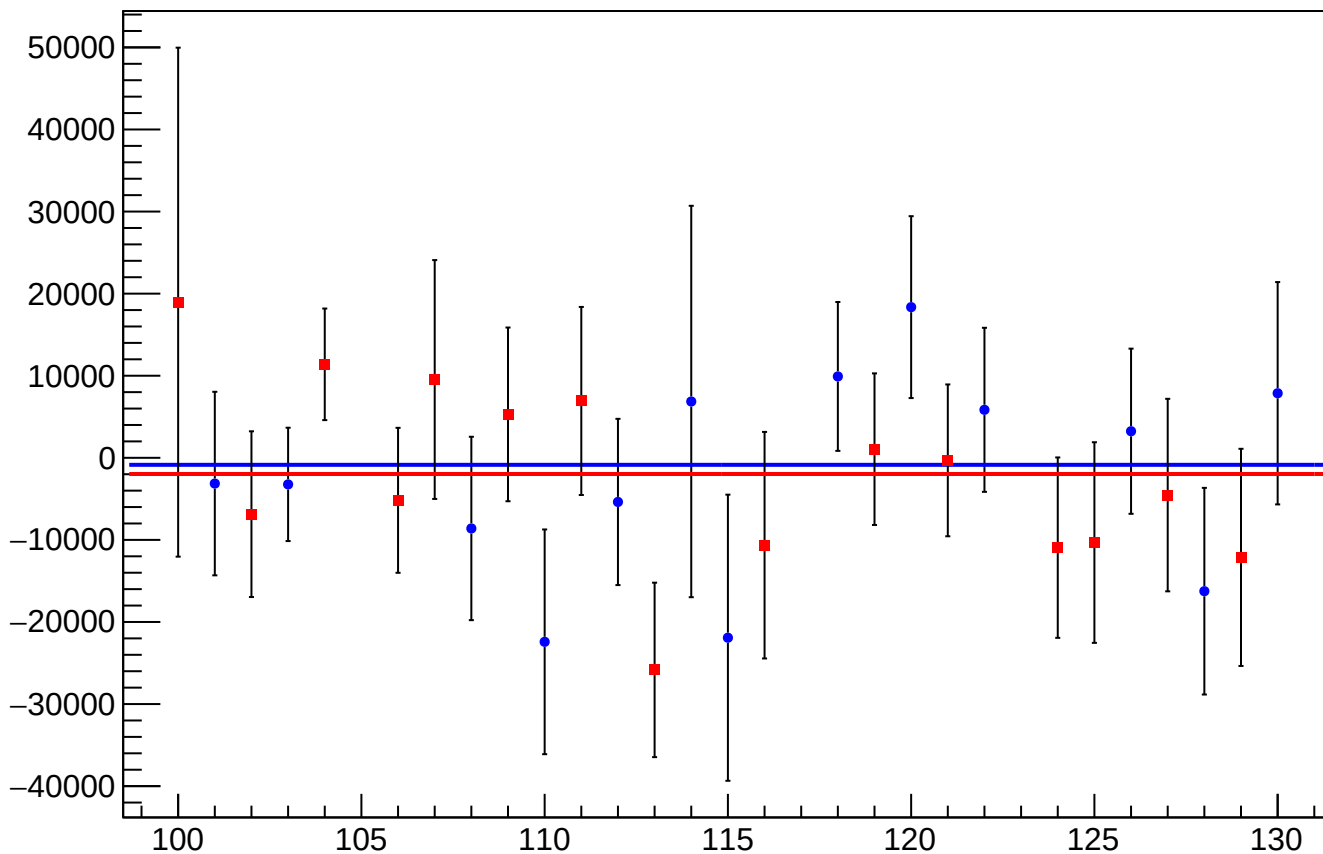
Right: 1607.762+/-0.344 χ^2/NDF : 623334.4/27

In: 1614.919+/-0.493 χ^2/NDF : 312084.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1607.762+/-0.344 χ^2/NDF : 623334.4/27

asym_at2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -853.916+/-3027.617 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1972.147+/-2751.509 χ^2/NDF : 13.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

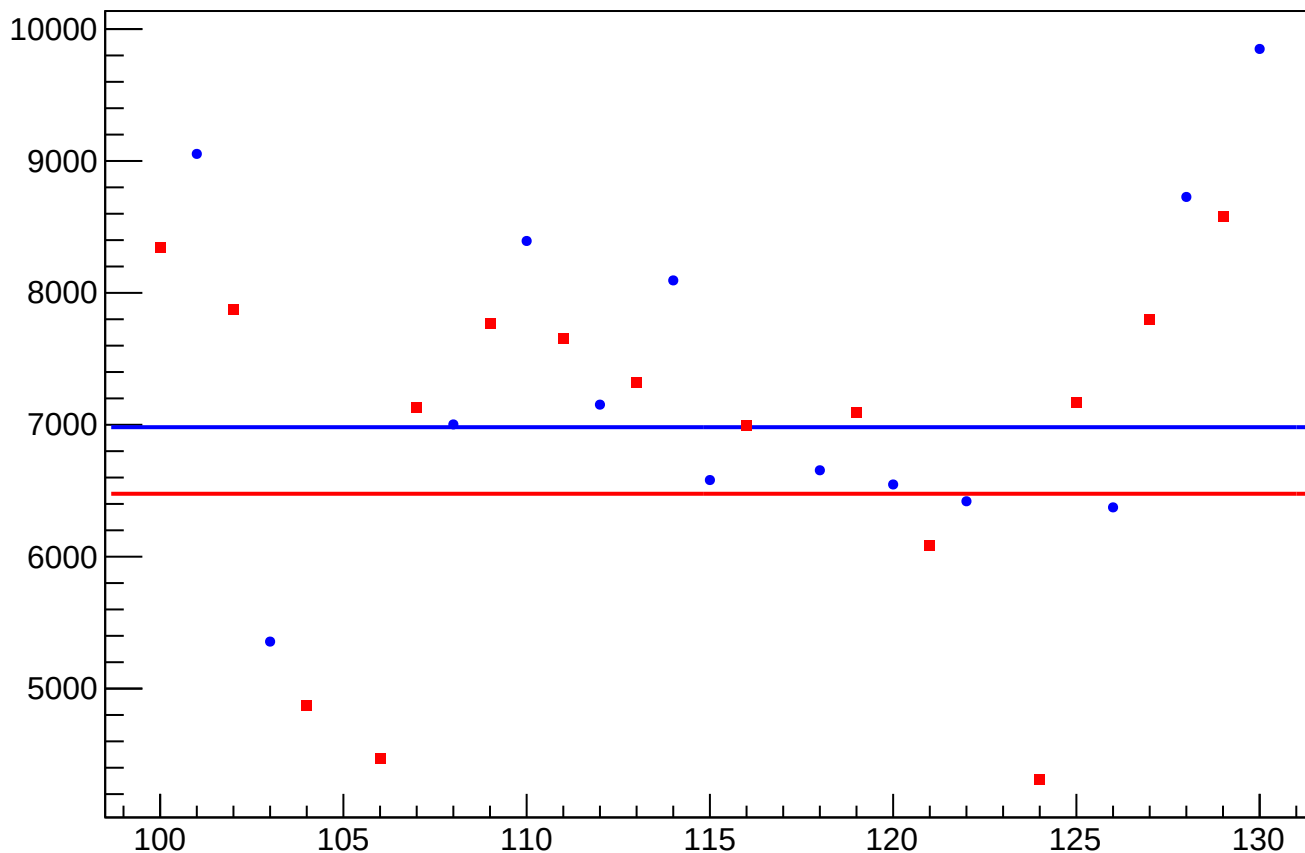
Right: -1466.335+/-2036.243 χ^2/NDF : 25.6/27

In: -853.916+/-3027.617 χ^2/NDF :11.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1466.335+/-2036.243 χ^2/NDF : 25.6/27

asym_at2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 6981.751+/-2.141 χ^2/NDF : 354208.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6477.062+/-1.946 χ^2/NDF : 503713.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

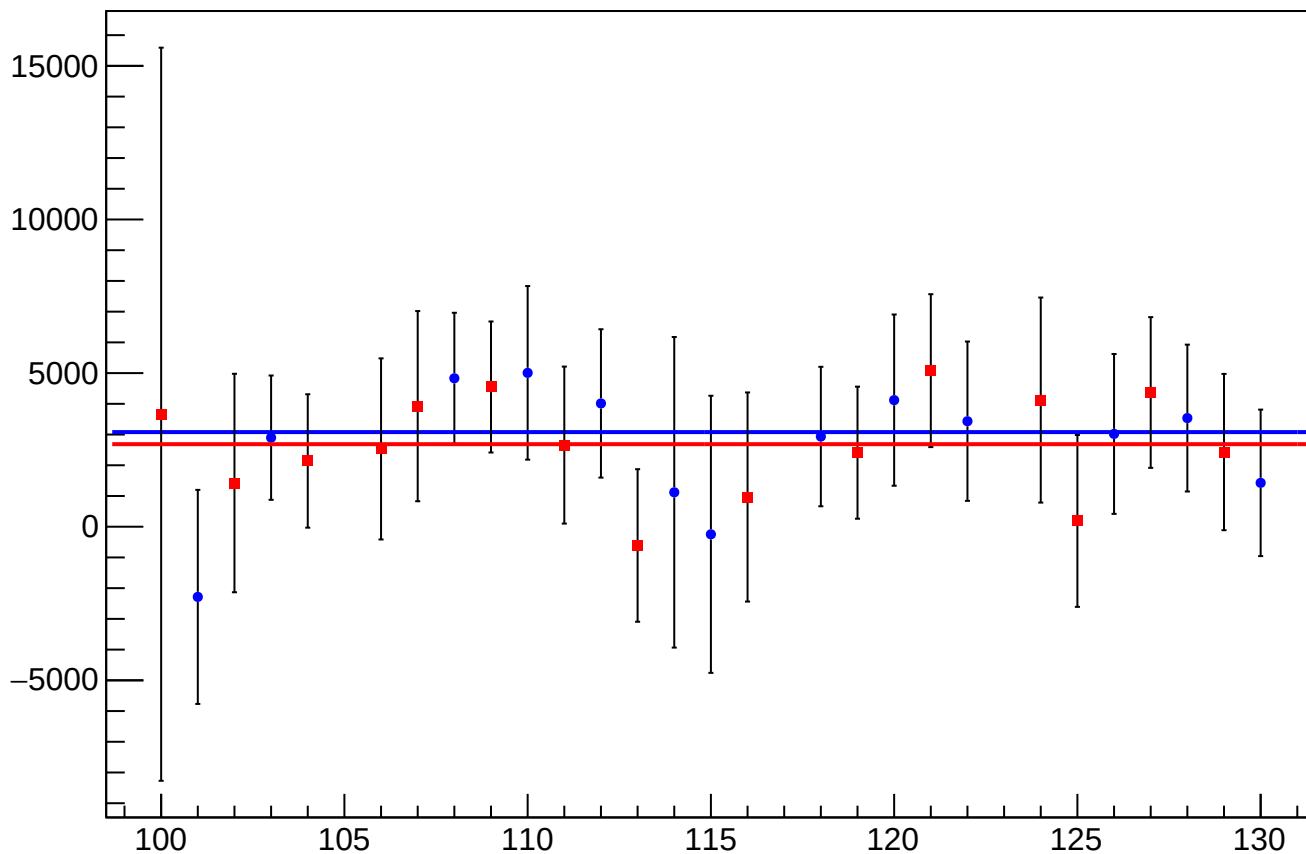
Right: 6705.349+/-1.440 χ^2/NDF : 888358.3/27

In: 6981.751+/-2.141 χ^2/NDF : 354208.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6705.349+/-1.440 χ^2/NDF : 888358.3/27

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3079.686 $\pm$ 725.035 χ^2 /NDF: 5.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2686.434 $\pm$ 697.459 χ^2 /NDF: 5.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

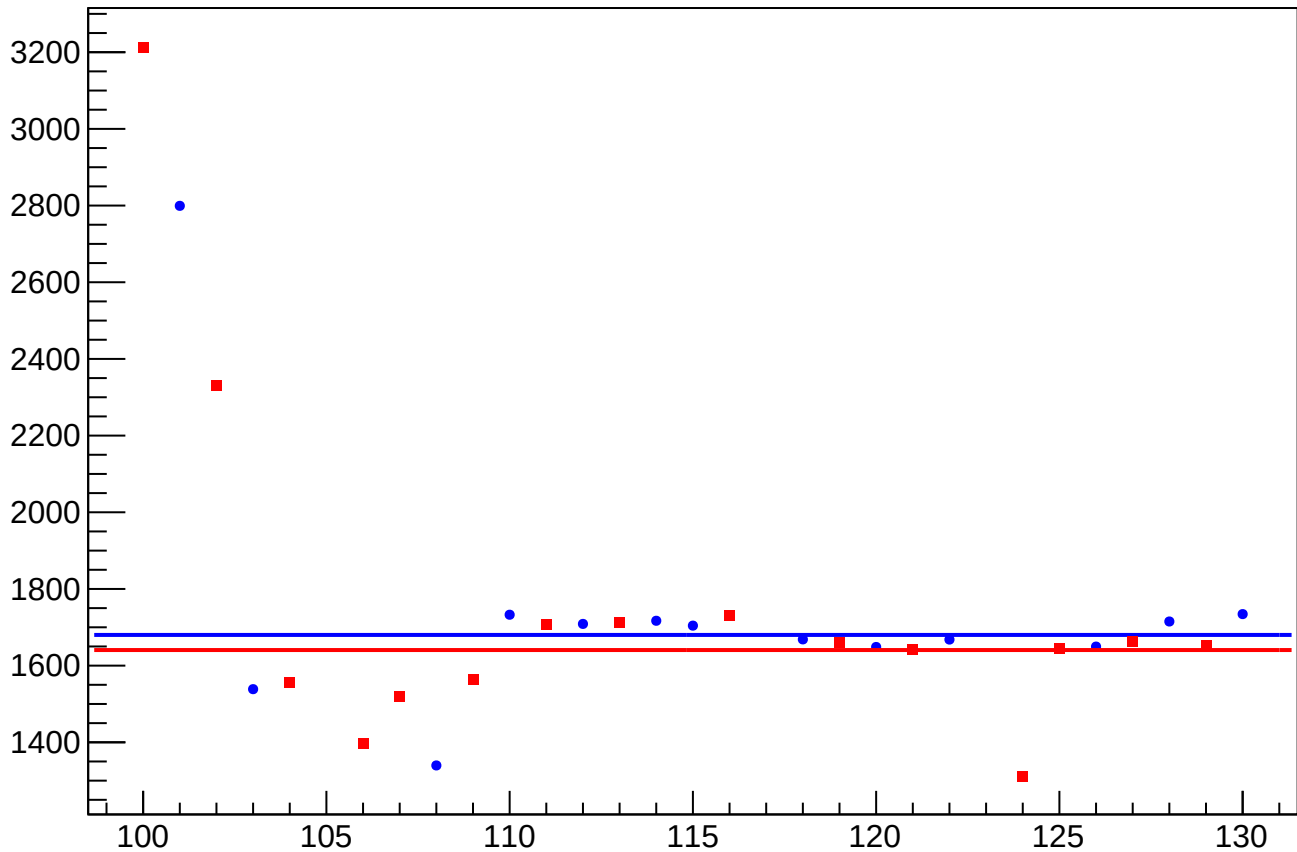
Right: 2875.440 $\pm$ 502.644 χ^2 /NDF: 10.7/27

In: 3079.686 $\pm$ 725.035 χ^2 /NDF:5.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2875.440 $\pm$ 502.644 χ^2 /NDF: 10.7/27

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1680.081+/-0.513 χ^2/NDF : 270483.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1640.666+/-0.493 χ^2/NDF : 157108.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

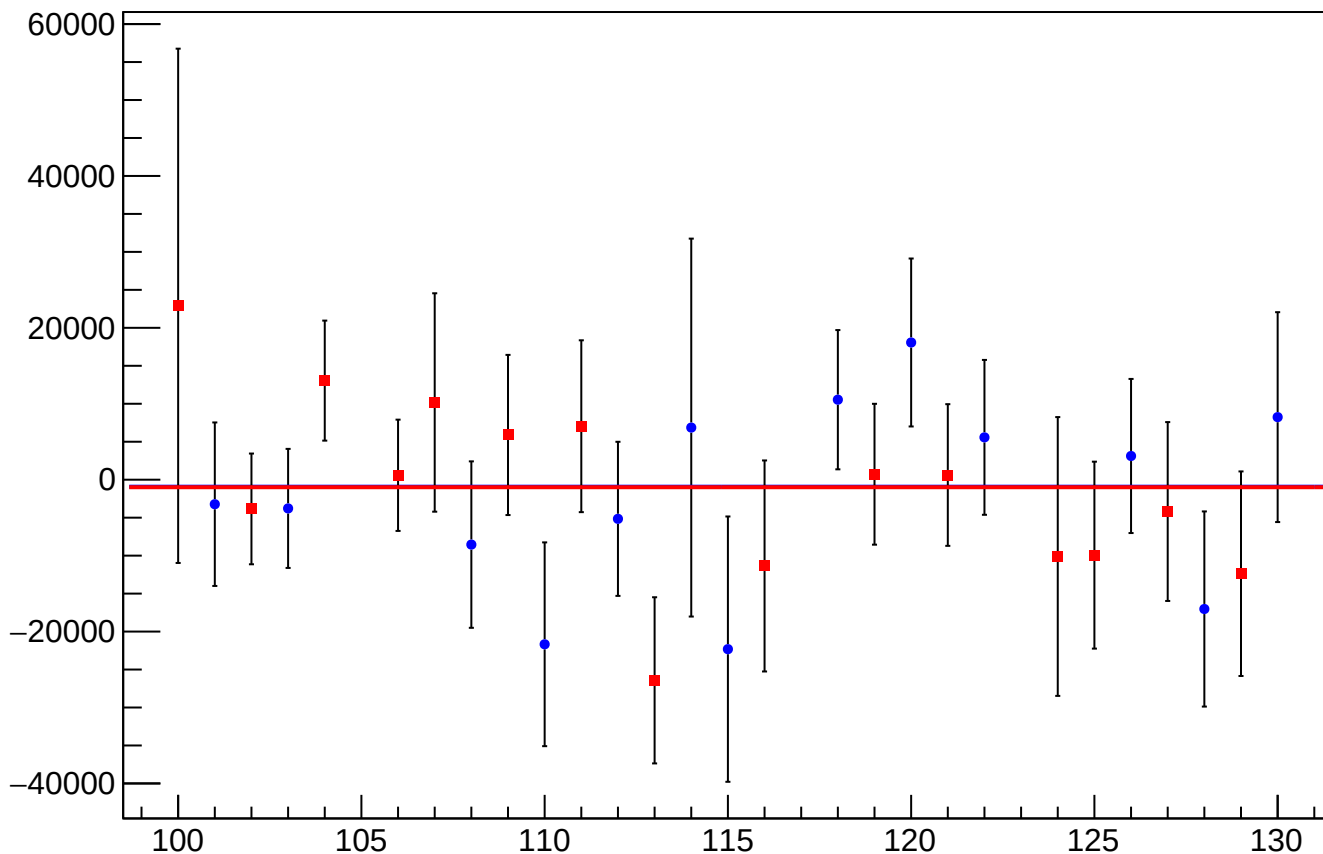
Right: 1659.601+/-0.355 χ^2/NDF : 430663.8/27

In: 1680.081+/-0.513 χ^2/NDF : 270483.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1659.601+/-0.355 χ^2/NDF : 430663.8/27

asym_at2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -922.411+/-3099.741 χ^2/NDF : 11.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -990.812+/-2722.727 χ^2/NDF : 13.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

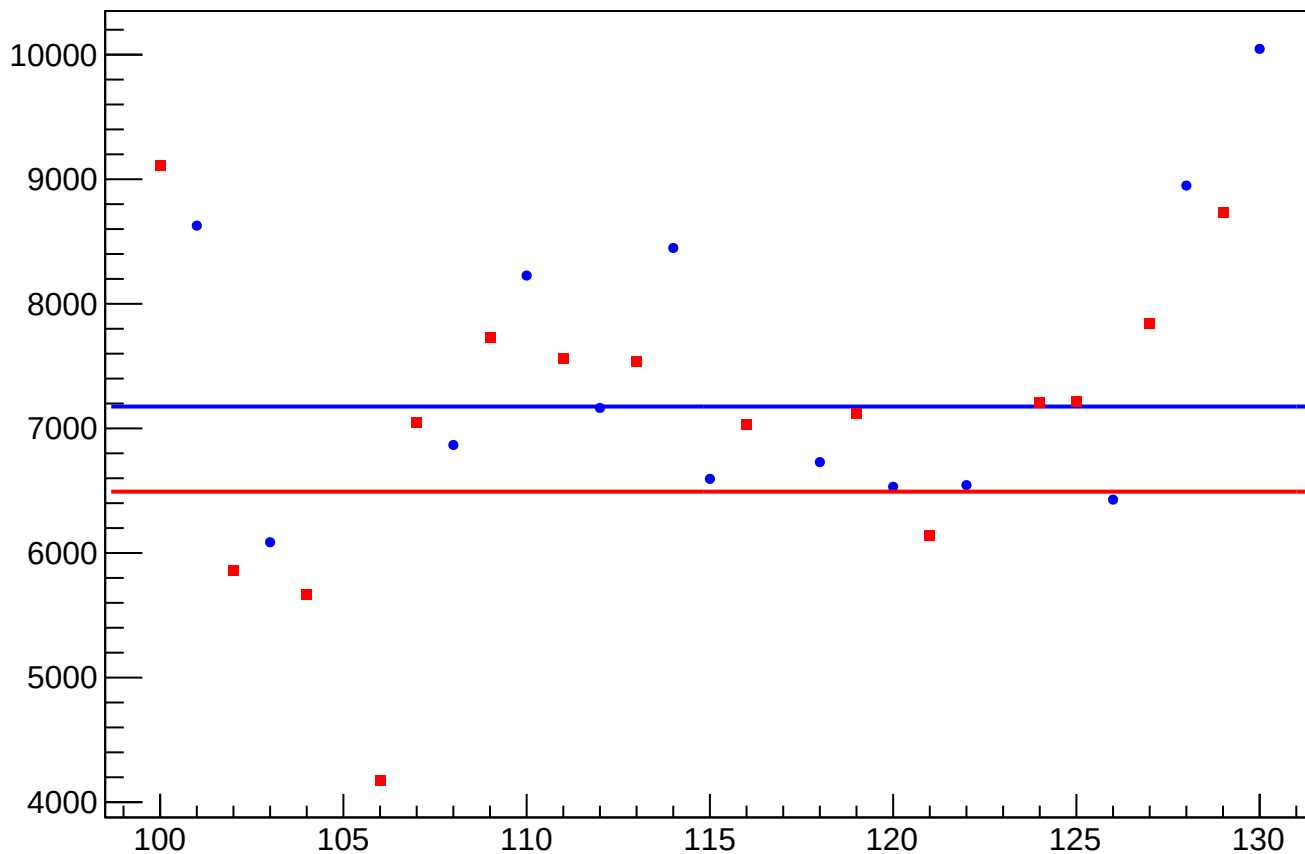
Right: -961.022+/-2045.638 χ^2/NDF : 24.9/27

In: -922.411+/-3099.741 χ^2/NDF : 11.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -961.022+/-2045.638 χ^2/NDF : 24.9/27

asym_at2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 7175.581+/-2.192 χ^2/NDF : 250724.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 6492.436+/-1.925 χ^2/NDF : 421808.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

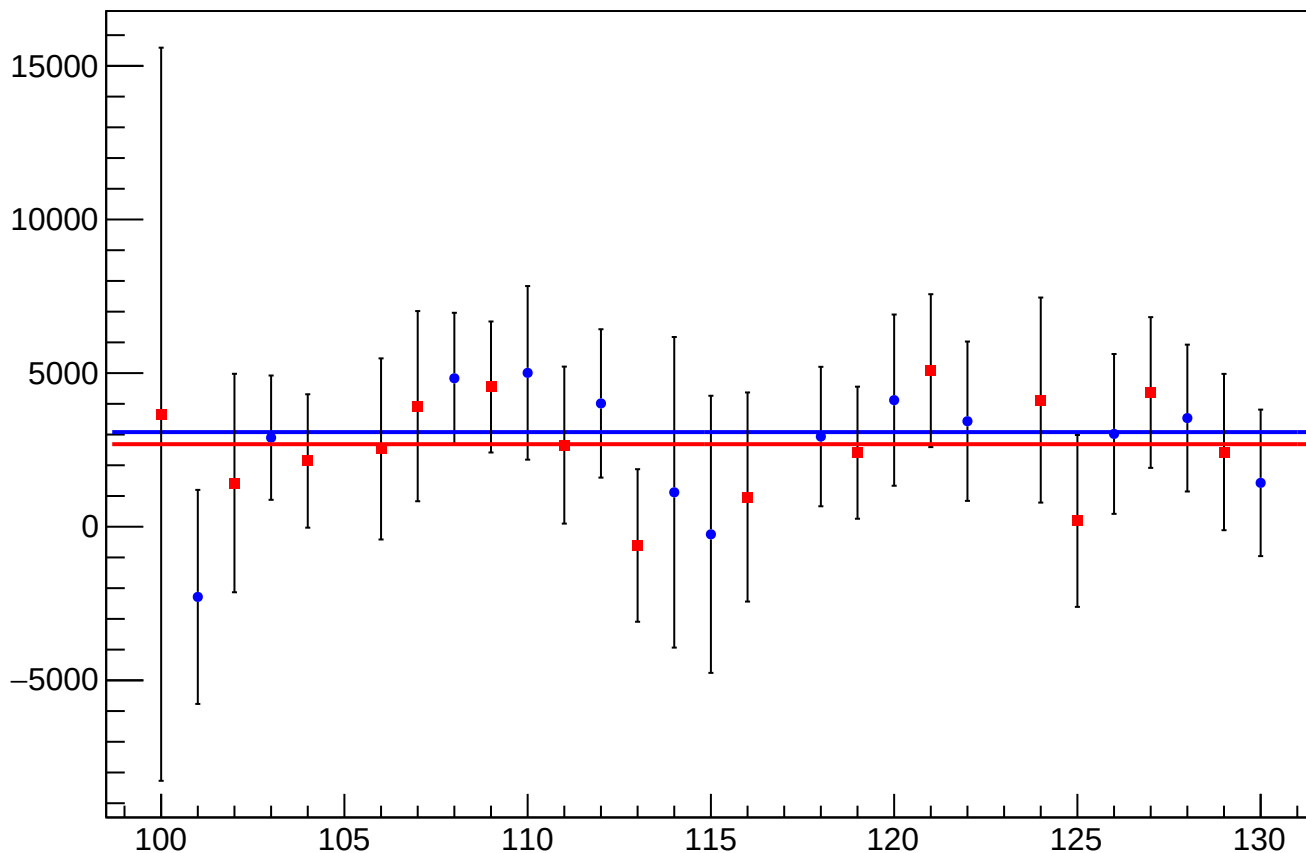
Right: 6789.958+/-1.446 χ^2/NDF : 727367.8/27

In: 7175.581+/-2.192 χ^2/NDF :250724.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6789.958+/-1.446 χ^2/NDF : 727367.8/27

eigen_dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3079.689+/-725.034 χ^2/NDF : 5.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2686.446+/-697.459 χ^2/NDF : 5.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

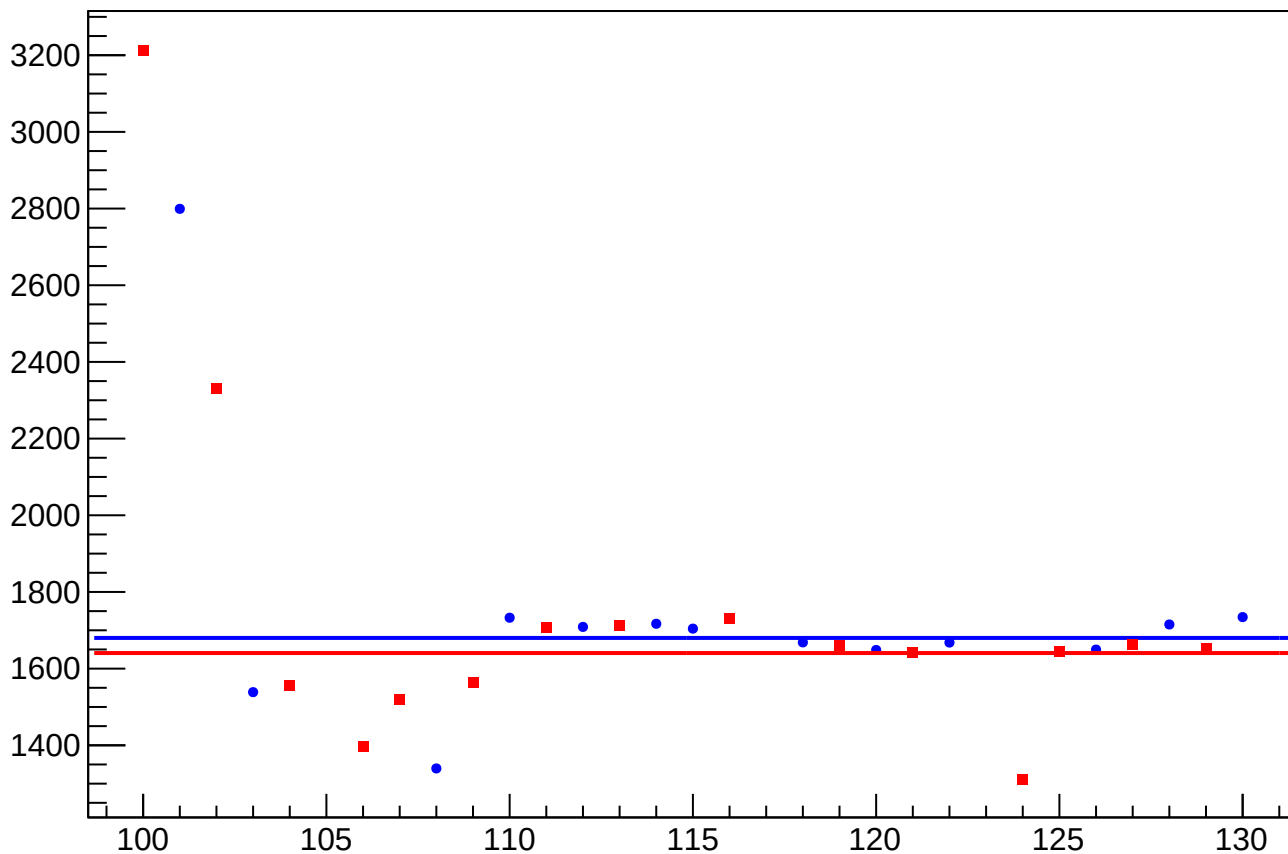
Right: 2875.447+/-502.644 χ^2/NDF : 10.7/27

In: 3079.689+/-725.034 χ^2/NDF :5.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2875.447+/-502.644 χ^2/NDF : 10.7/27

eigen_dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1680.080+/-0.513 χ^2/NDF : 270483.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1640.666+/-0.493 χ^2/NDF : 157108.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

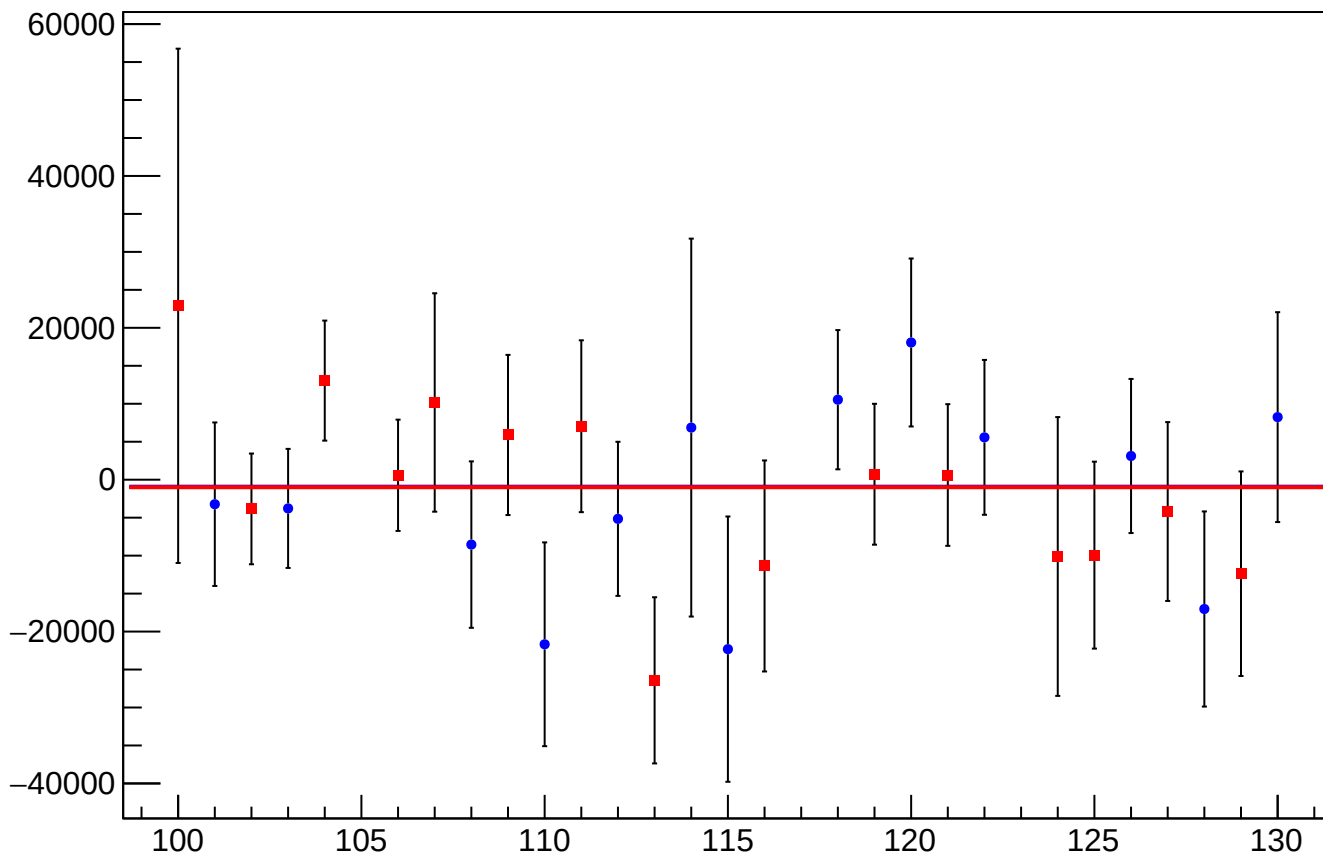
Right: 1659.600+/-0.355 χ^2/NDF : 430663.3/27

In: 1680.080+/-0.513 χ^2/NDF : 270483.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1659.600+/-0.355 χ^2/NDF : 430663.3/27

asym_at2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -922.397+/-3099.732 χ^2/NDF : 11.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -990.804+/-2722.720 χ^2/NDF : 13.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

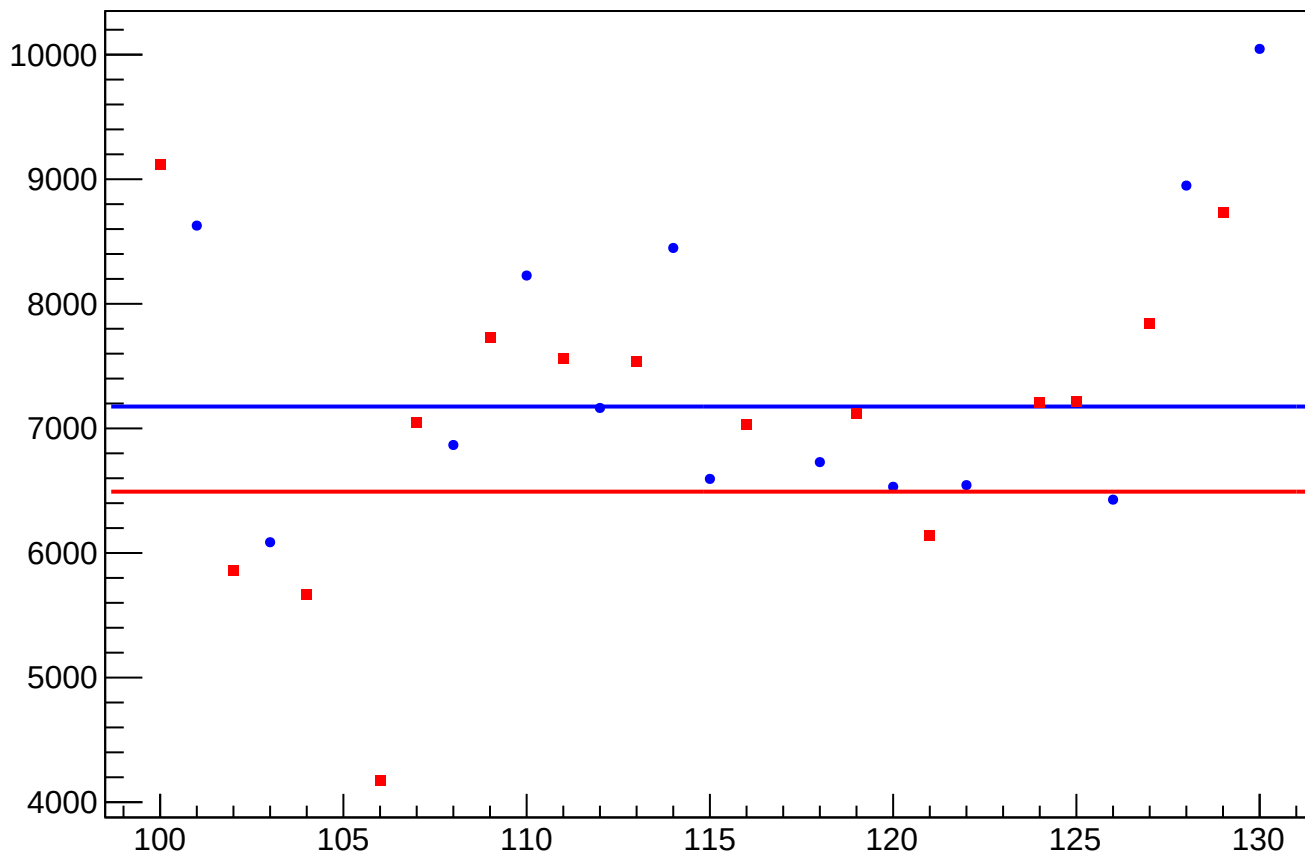
Right: -961.011+/-2045.633 χ^2/NDF : 24.9/27

In: -922.397+/-3099.732 χ^2/NDF : 11.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -961.011+/-2045.633 χ^2/NDF : 24.9/27

asym_at2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 7175.560+/-2.192 χ^2/NDF : 250724.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6492.421+/-1.925 χ^2/NDF : 421805.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

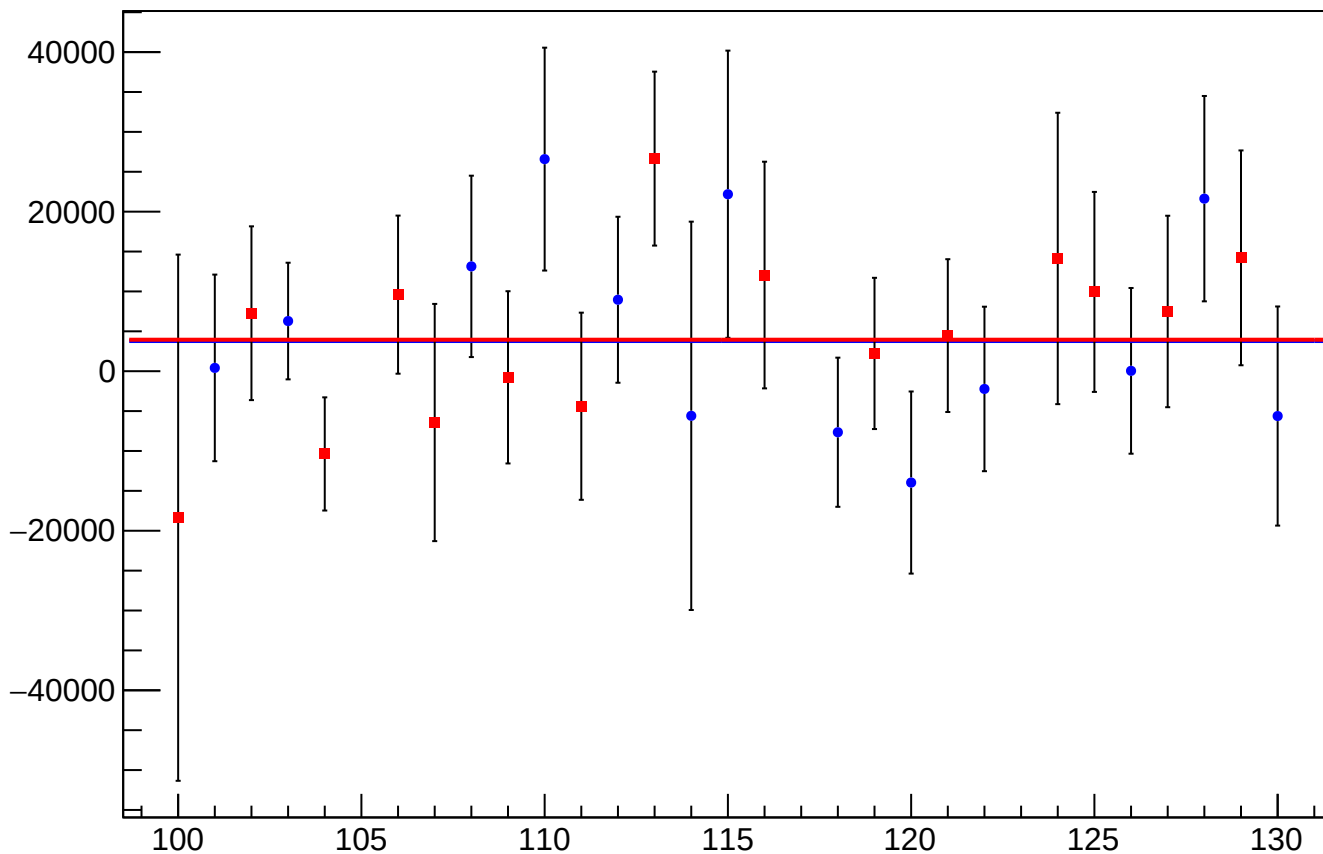
Right: 6789.941+/-1.446 χ^2/NDF : 727364.3/27

In: 7175.560+/-2.192 χ^2/NDF : 250724.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6789.941+/-1.446 χ^2/NDF : 727364.3/27

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3782.673+/-3130.767 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3946.925+/-2923.587 χ^2/NDF : 12.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

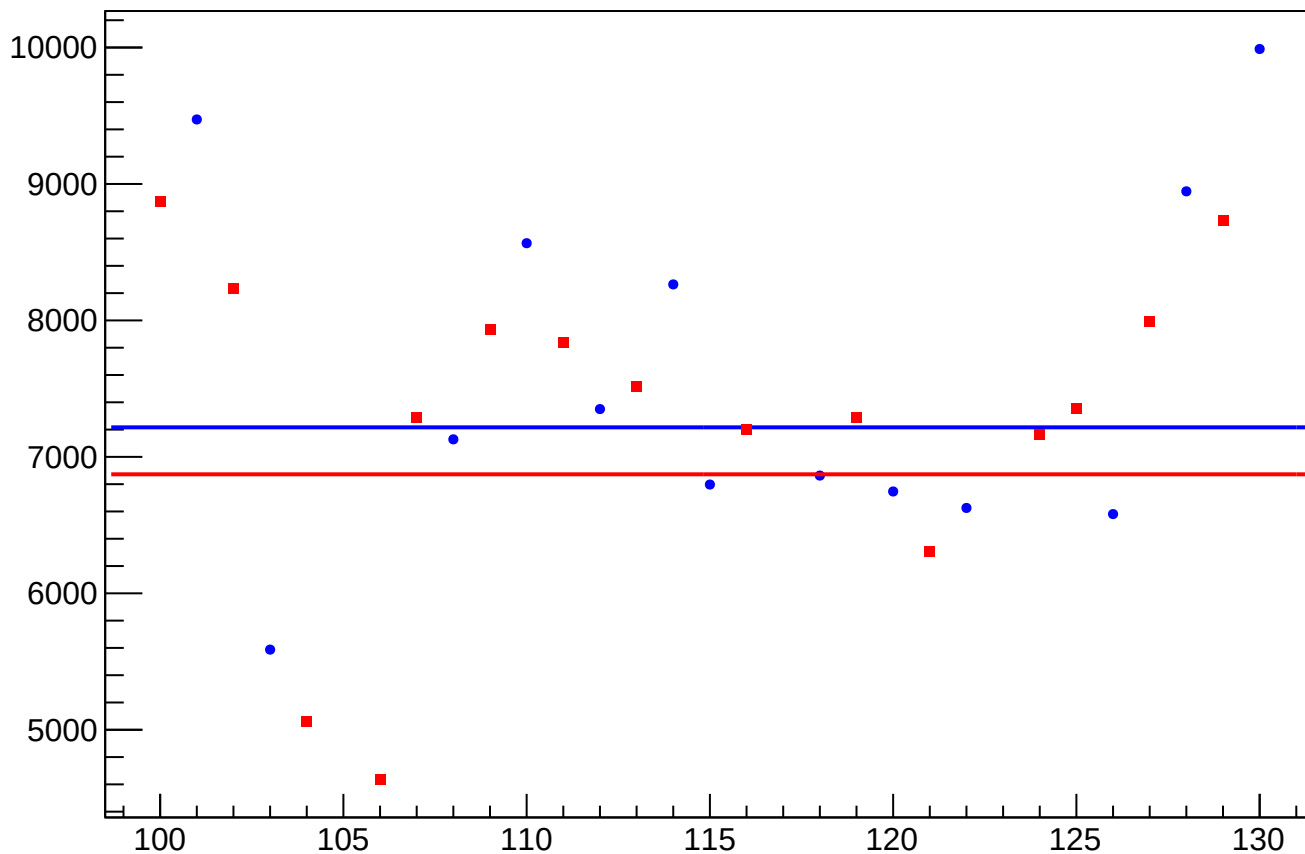
Right: 3870.413+/-2136.780 χ^2/NDF : 23.8/27

In: 3782.673+/-3130.767 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3870.413+/-2136.780 χ^2/NDF : 23.8/27

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7216.399+/-2.214 χ^2/NDF : 335559.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6872.233+/-2.067 χ^2/NDF : 383453.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

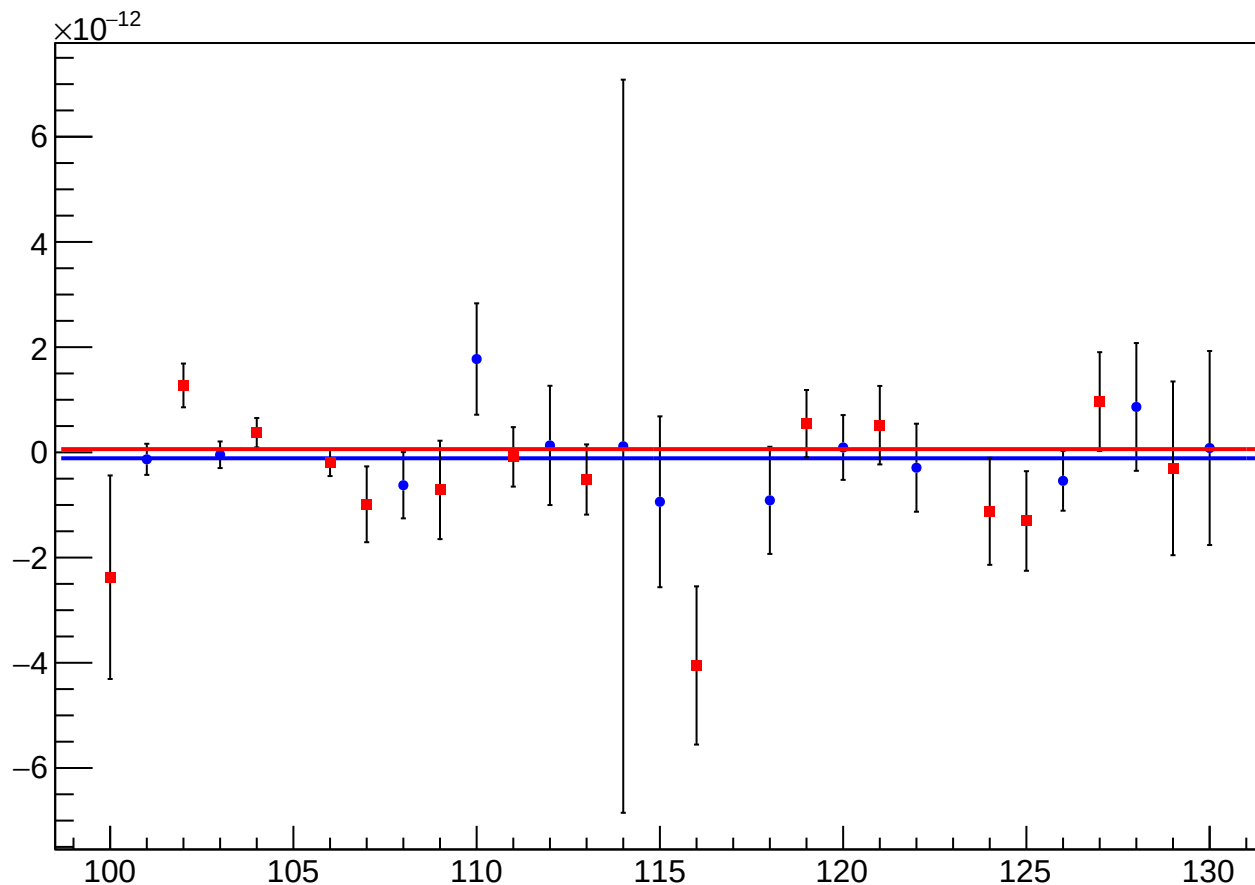
Right: 7032.540+/-1.511 χ^2/NDF : 731924.8/27

In: 7216.399+/-2.214 χ^2/NDF : 335559.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7032.540+/-1.511 χ^2/NDF : 731924.8/27

asym_at2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 28.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

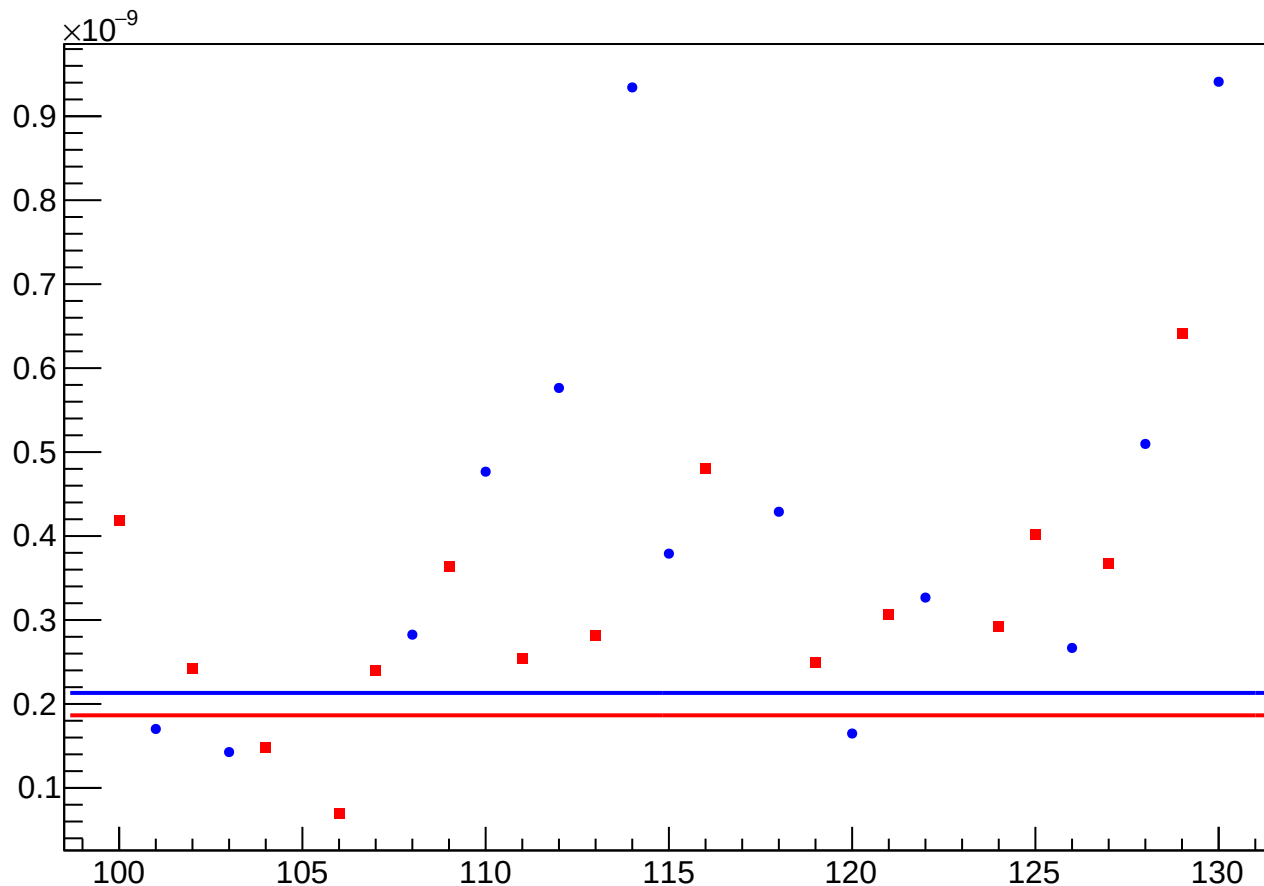
Right: -0.000+/-0.000 χ^2/NDF : 35.7/27

In: -0.000+/-0.000 χ^2/NDF :6.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 35.7/27

asym_at2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1180880.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1181666.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

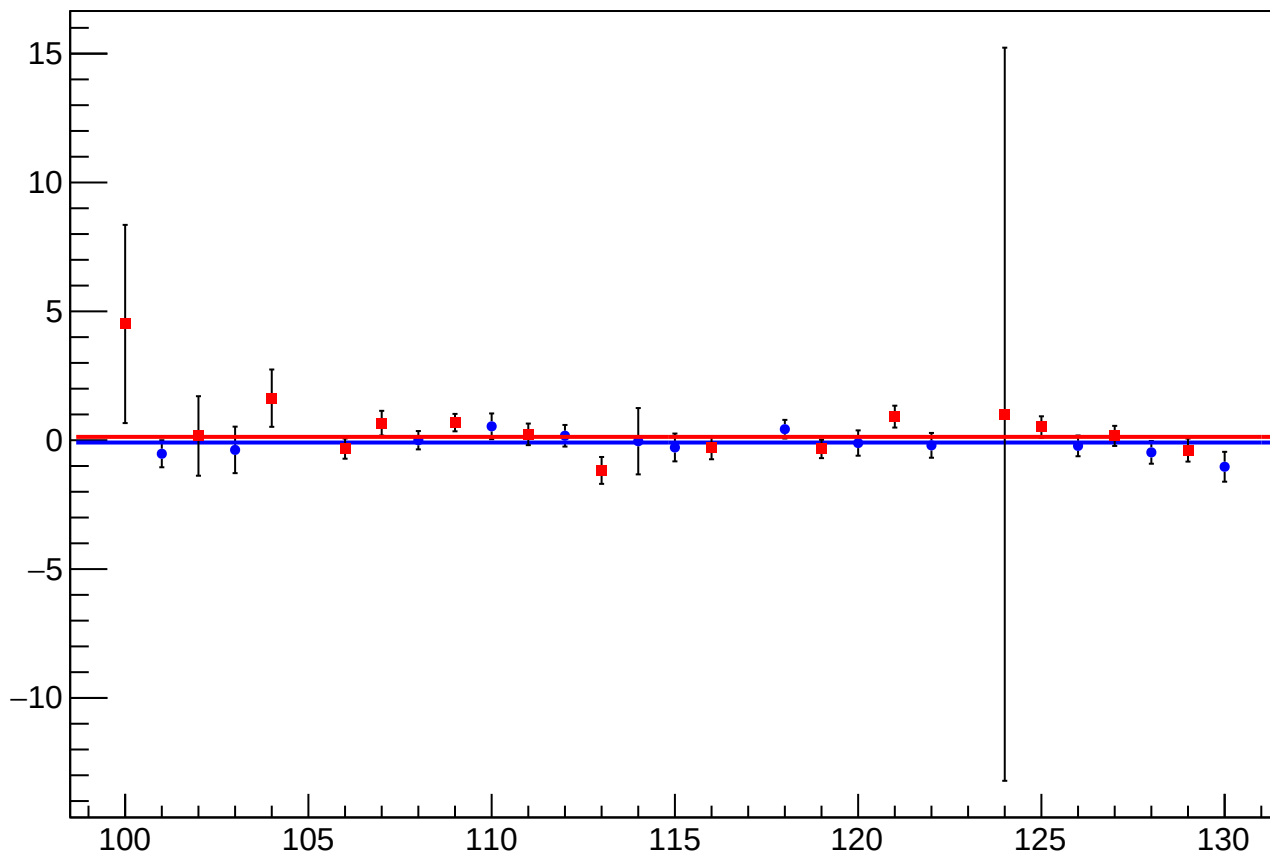
Right: 0.000+/-0.000 χ^2/NDF : 2394879.6/27

In: 0.000+/-0.000 χ^2/NDF : 1180880.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2394879.6/27

asym_at2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.089 $\pm$ 0.133 χ^2/NDF : 8.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.130 $\pm$ 0.123 χ^2/NDF : 22.9/14

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

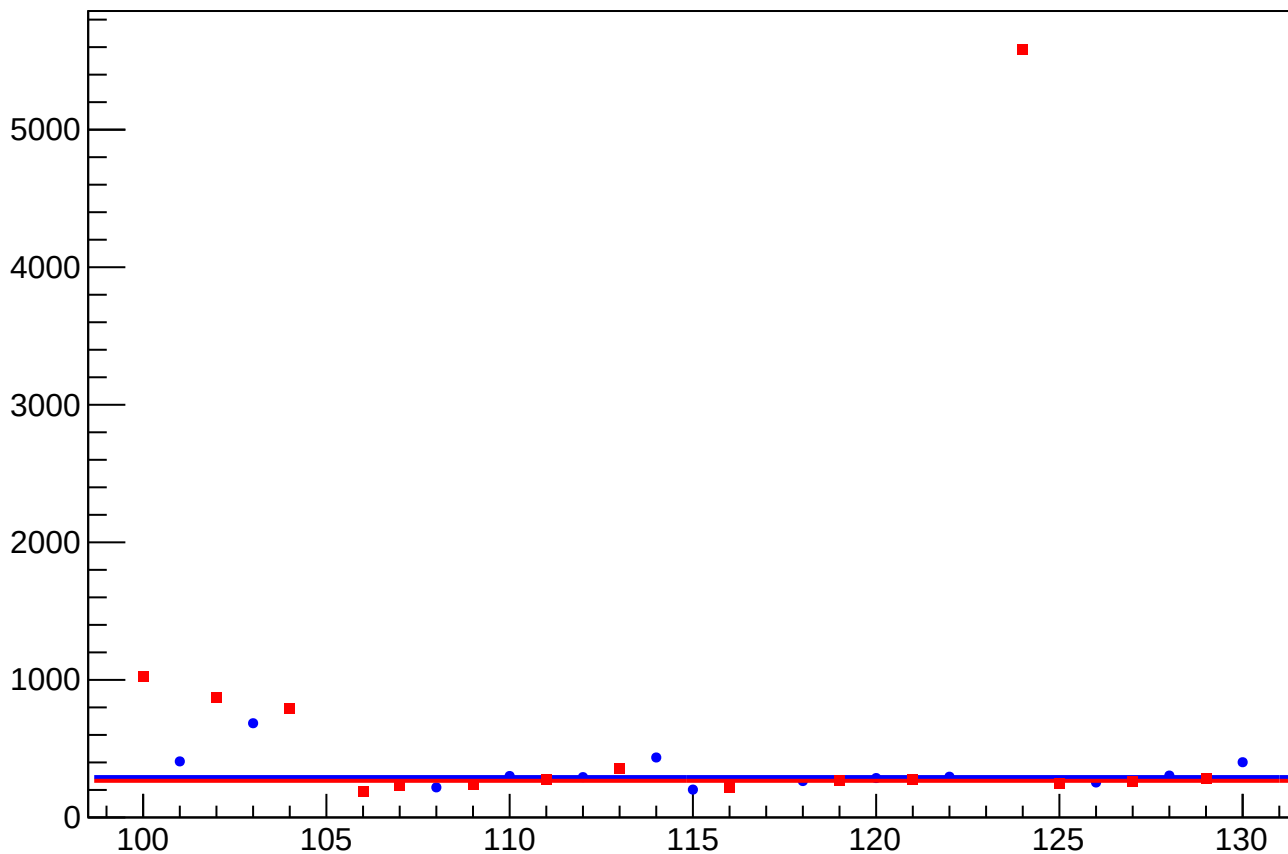
Right: 0.028 $\pm$ 0.090 χ^2/NDF : 32.9/27

In: -0.089 $\pm$ 0.133 χ^2/NDF : 8.5/12

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.028 $\pm$ 0.090 χ^2/NDF : 32.9/27

asym_at2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 293.597+/-0.094 χ^2/NDF : 744758.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 266.364+/-0.087 χ^2/NDF : 1315639.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

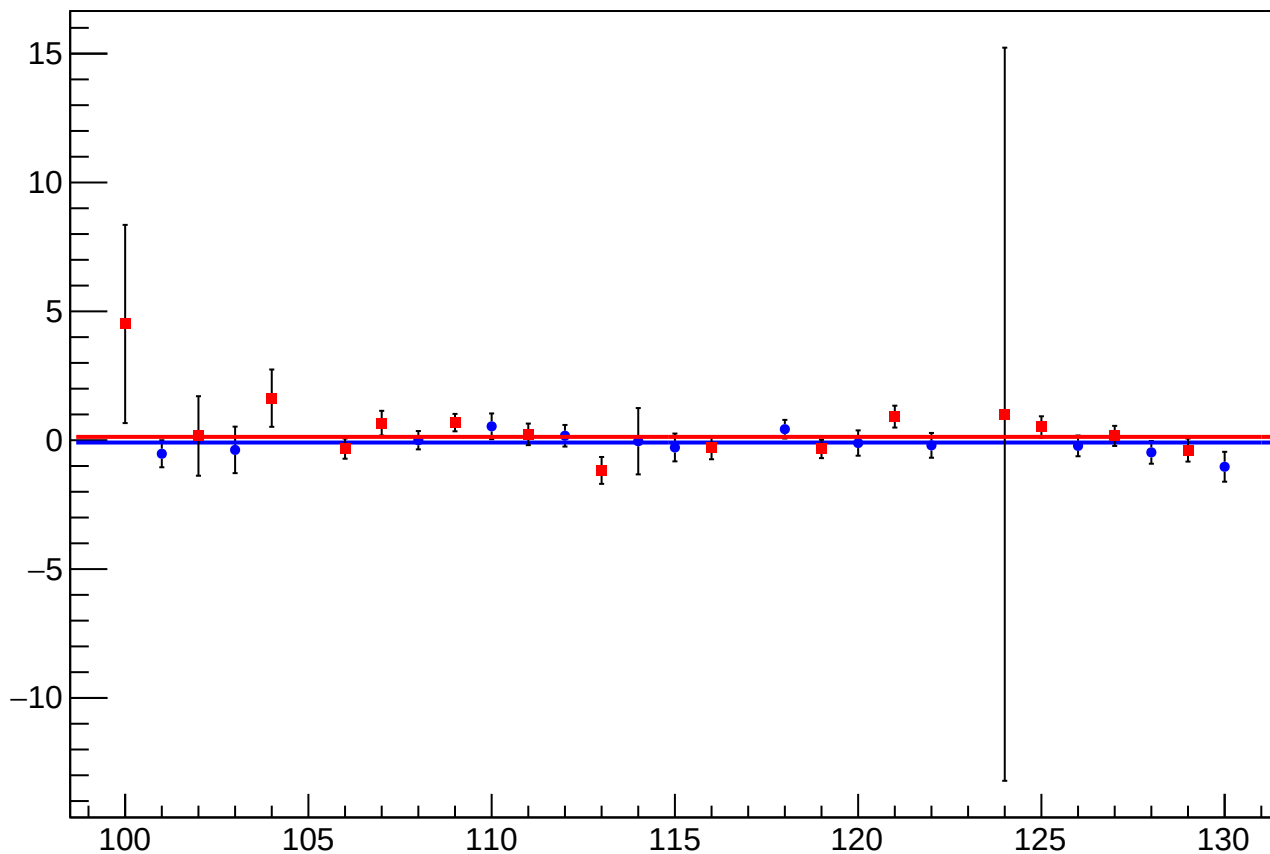
Right: 278.967+/-0.064 χ^2/NDF : 2105752.9/27

In: 293.597+/-0.094 χ^2/NDF : 744758.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.967+/-0.064 χ^2/NDF : 2105752.9/27

asym_at2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.089+/-0.133 χ^2 /NDF: 8.5/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.130+/-0.123 χ^2 /NDF: 22.9/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

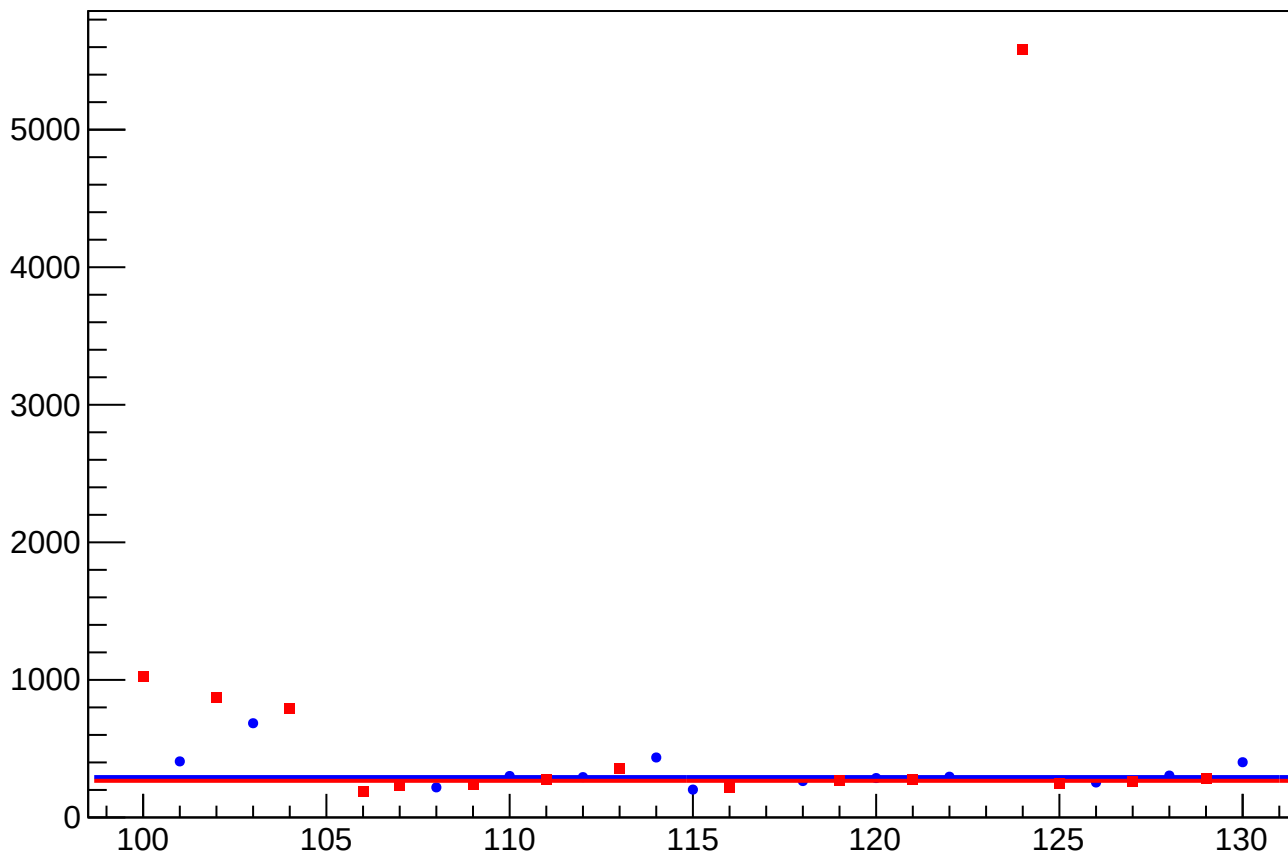
Right: 0.028+/-0.090 χ^2 /NDF: 32.9/27

In: -0.089+/-0.133 χ^2 /NDF:8.5/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.028+/-0.090 χ^2 /NDF: 32.9/27

asym_at2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 293.597+/-0.094 χ^2/NDF : 744758.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 266.364+/-0.087 χ^2/NDF : 1315639.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

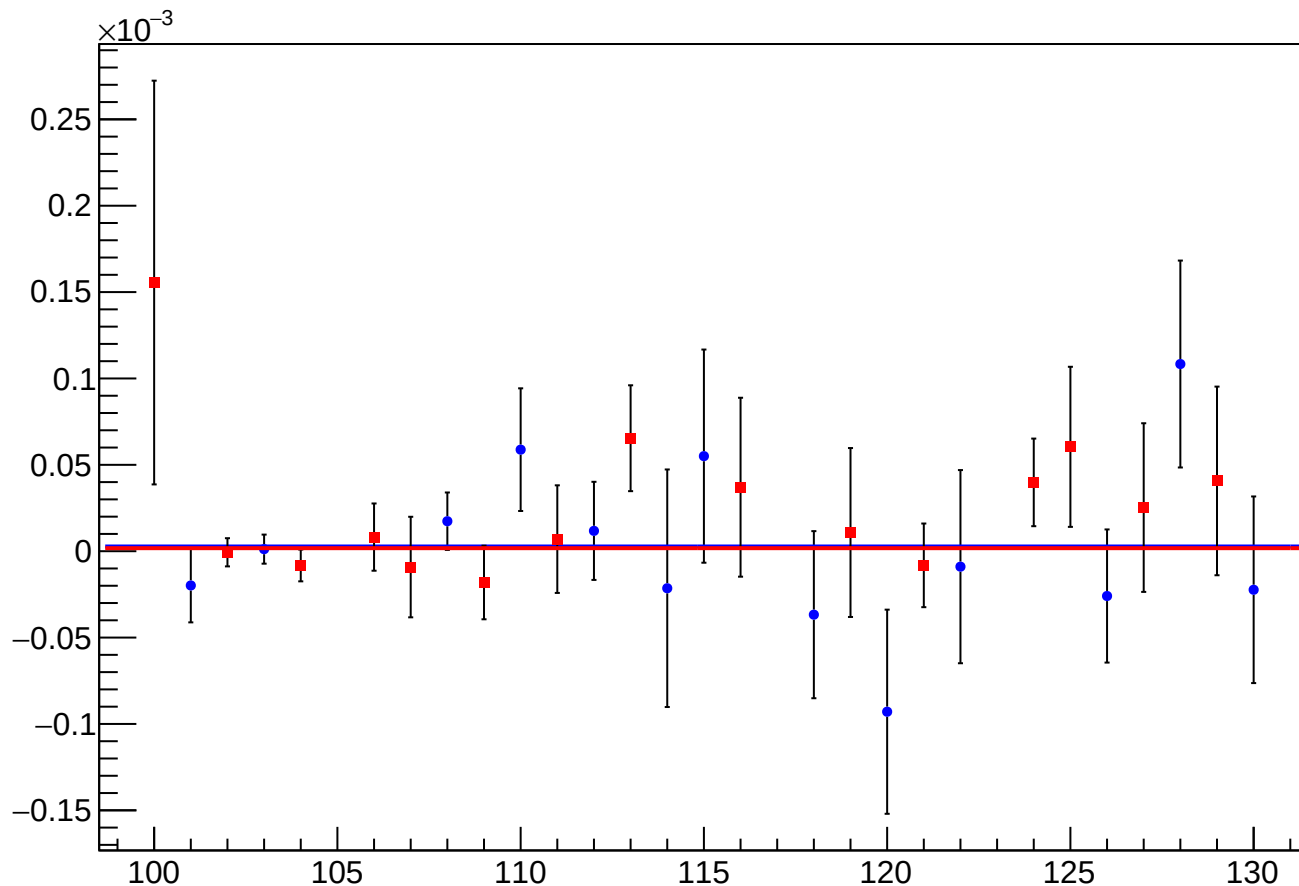
Right: 278.967+/-0.064 χ^2/NDF : 2105752.9/27

In: 293.597+/-0.094 χ^2/NDF : 744758.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.967+/-0.064 χ^2/NDF : 2105752.9/27

asym_at2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

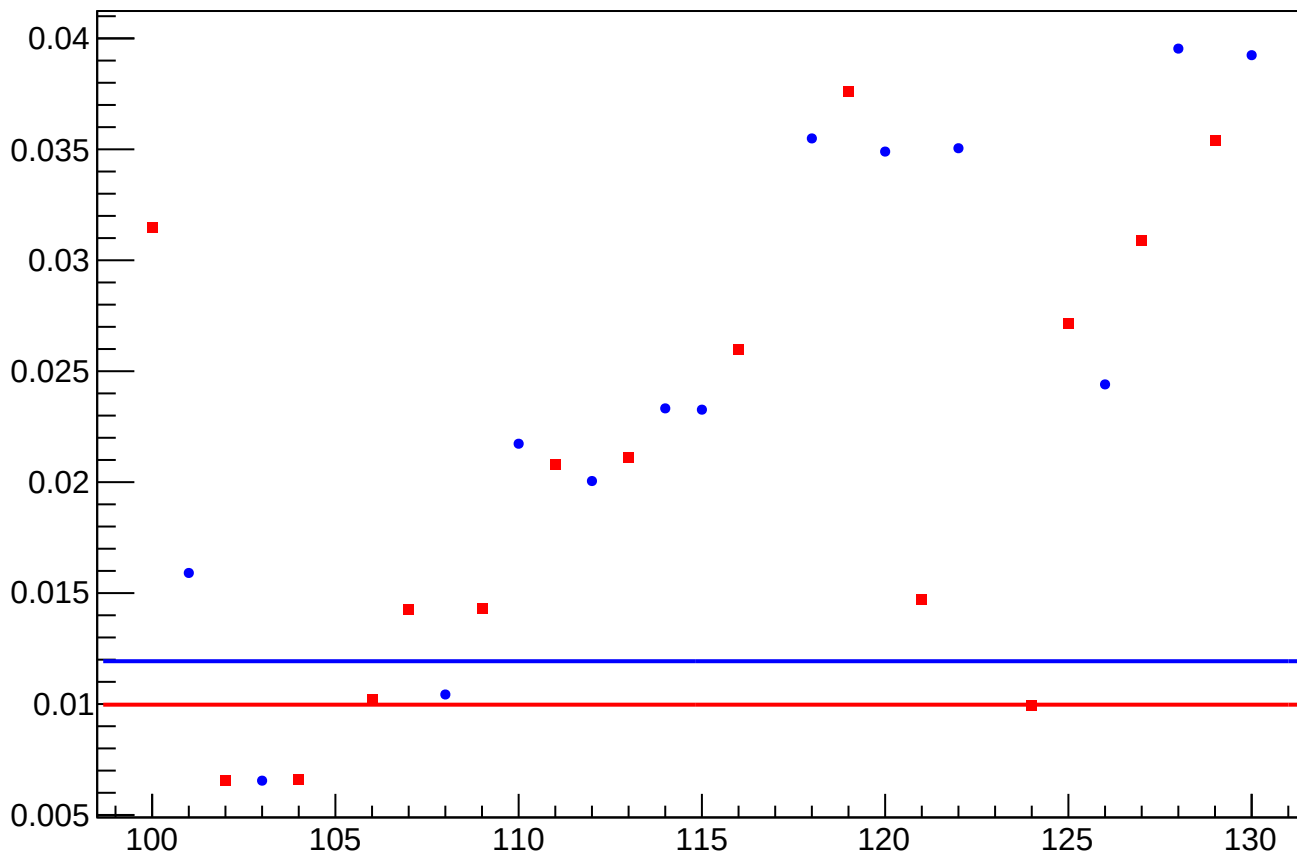
Right: 0.000+/-0.000 χ^2/NDF : 26.3/27

In: 0.000+/-0.000 χ^2/NDF : 12.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.3/27

asym_at2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000

χ^2/NDF : 3607216.5/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000

χ^2/NDF : 3295124.9/14

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.011+/-0.000

χ^2/NDF : 7020080.6/27

In: 0.012+/-0.000

χ^2/NDF : 3607216.5/12

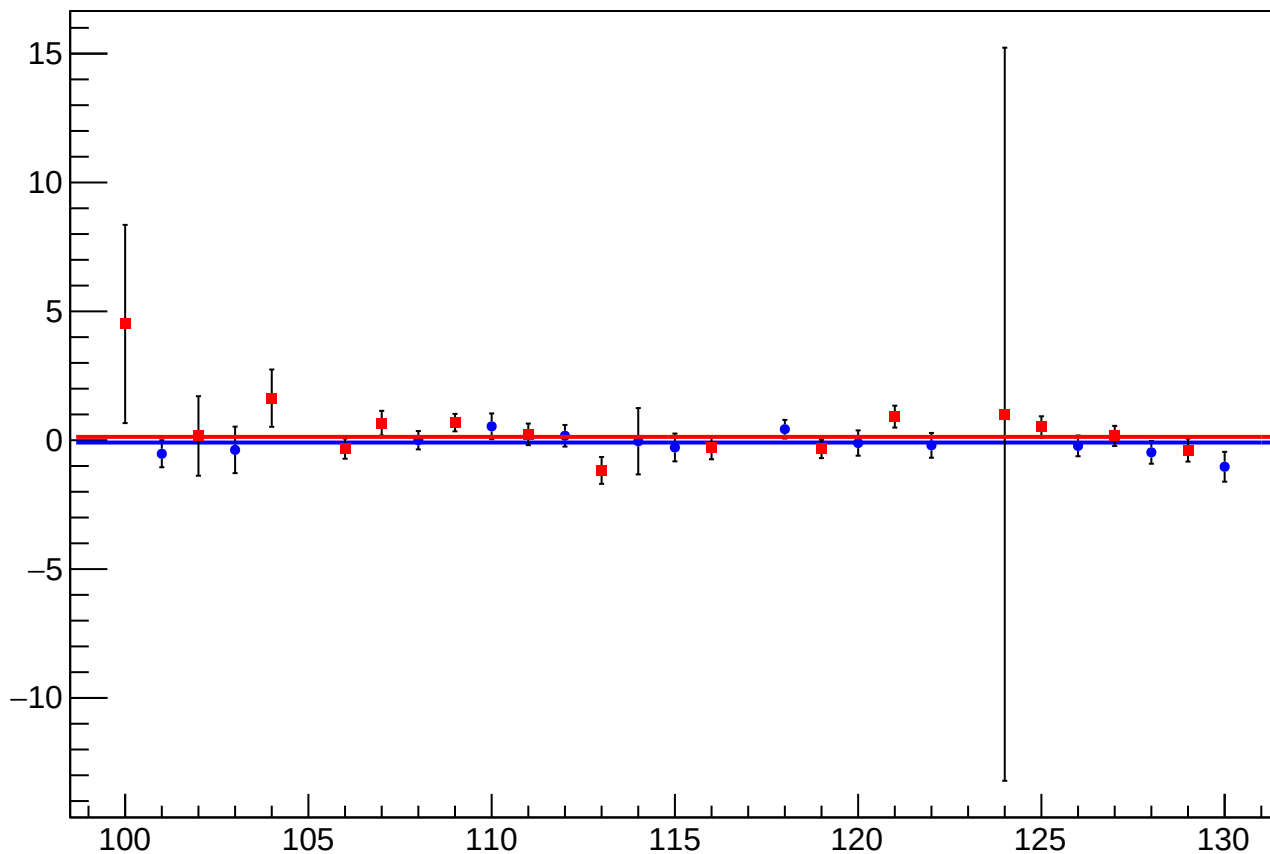
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.011+/-0.000

χ^2/NDF : 7020080.6/27

asym_at2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.089 ± 0.133 χ^2/NDF : 8.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.130 ± 0.123 χ^2/NDF : 22.9/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

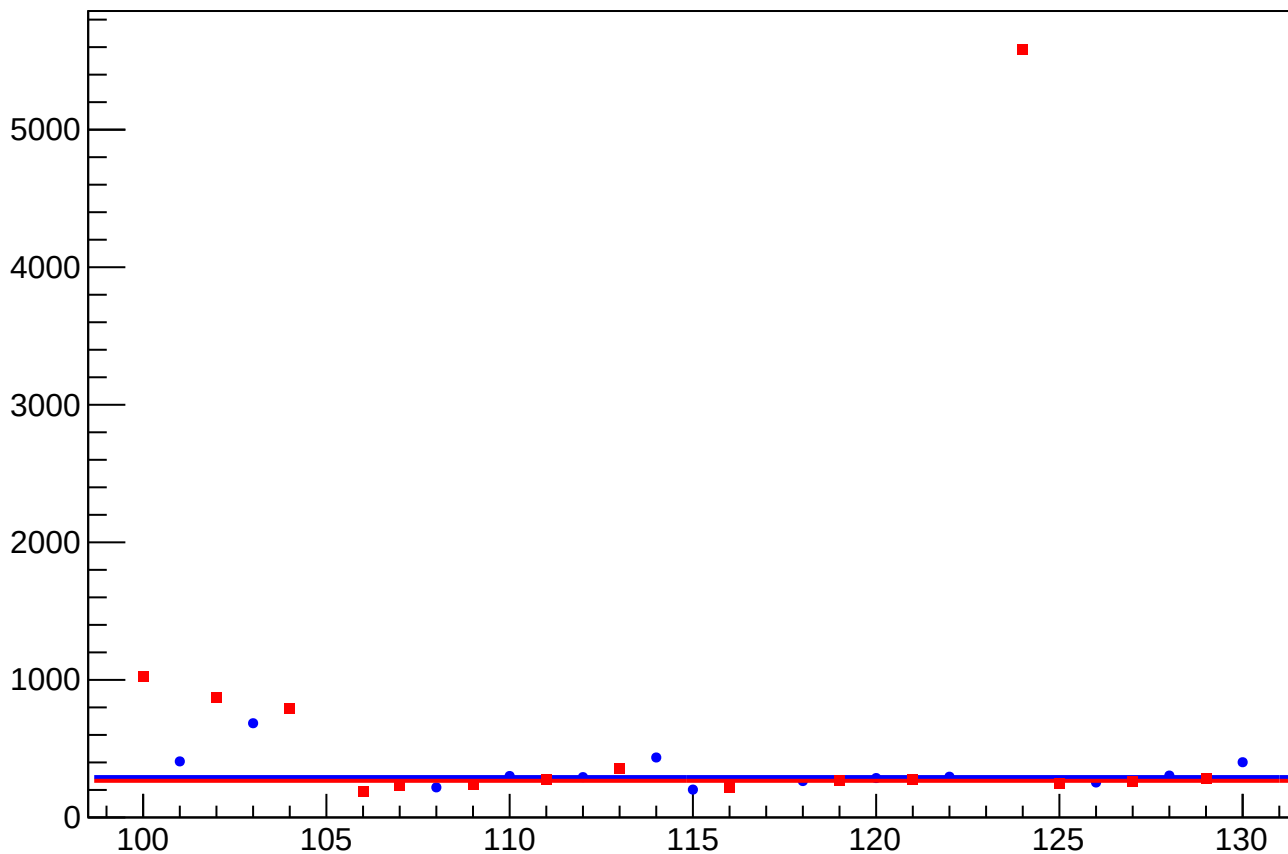
Right: 0.028 ± 0.090 χ^2/NDF : 32.9/27

In: -0.089 ± 0.133 χ^2/NDF : 8.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.028 ± 0.090 χ^2/NDF : 32.9/27

asym_at2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 293.596+/-0.094 χ^2/NDF : 744706.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 266.364+/-0.087 χ^2/NDF : 1315622.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

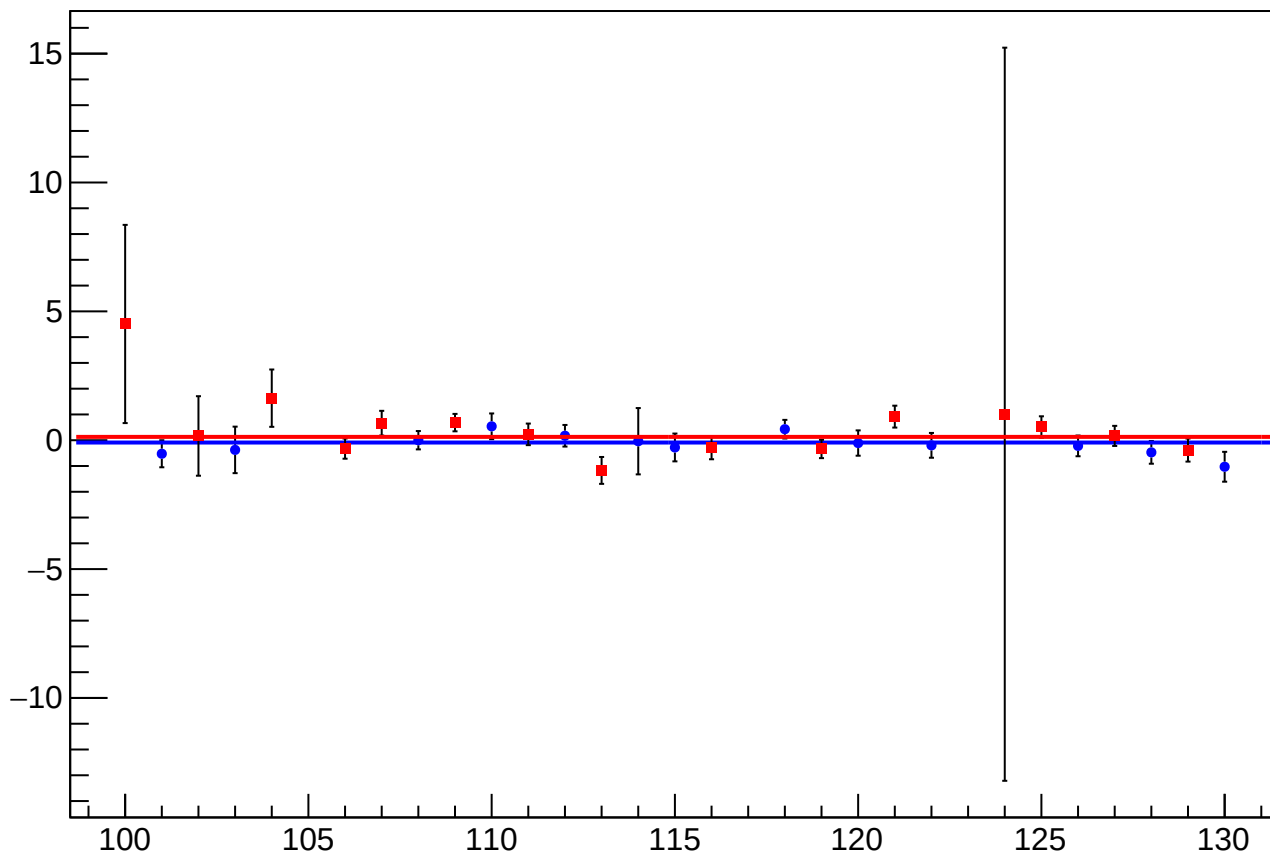
Right: 278.966+/-0.064 χ^2/NDF : 2105682.8/27

In: 293.596+/-0.094 χ^2/NDF : 744706.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.966+/-0.064 χ^2/NDF : 2105682.8/27

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.089 ± 0.133 χ^2/NDF : 8.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.130 ± 0.123 χ^2/NDF : 22.9/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

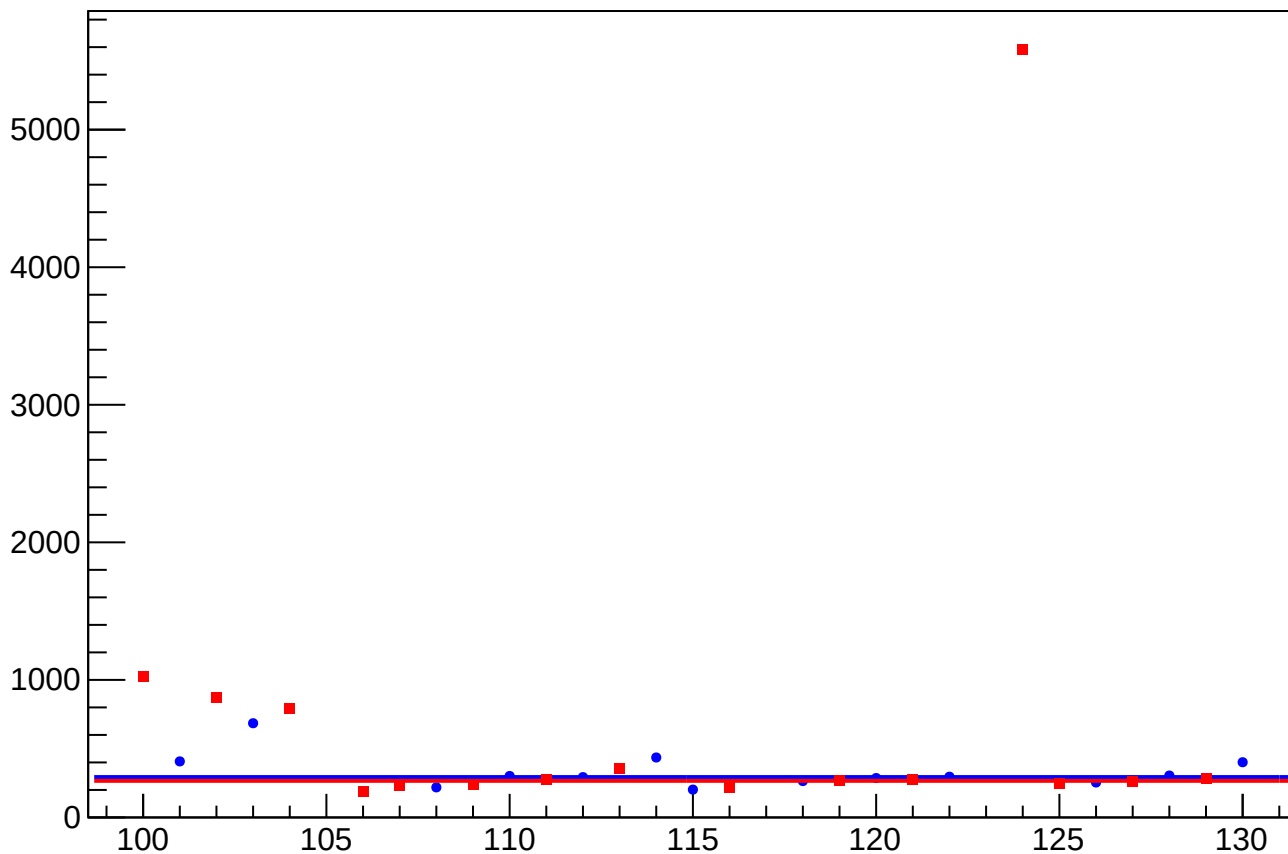
Right: 0.028 ± 0.090 χ^2/NDF : 32.9/27

In: -0.089 ± 0.133 χ^2/NDF : 8.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.028 ± 0.090 χ^2/NDF : 32.9/27

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 293.596+/-0.094 χ^2/NDF : 744706.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 266.364+/-0.087 χ^2/NDF : 1315622.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

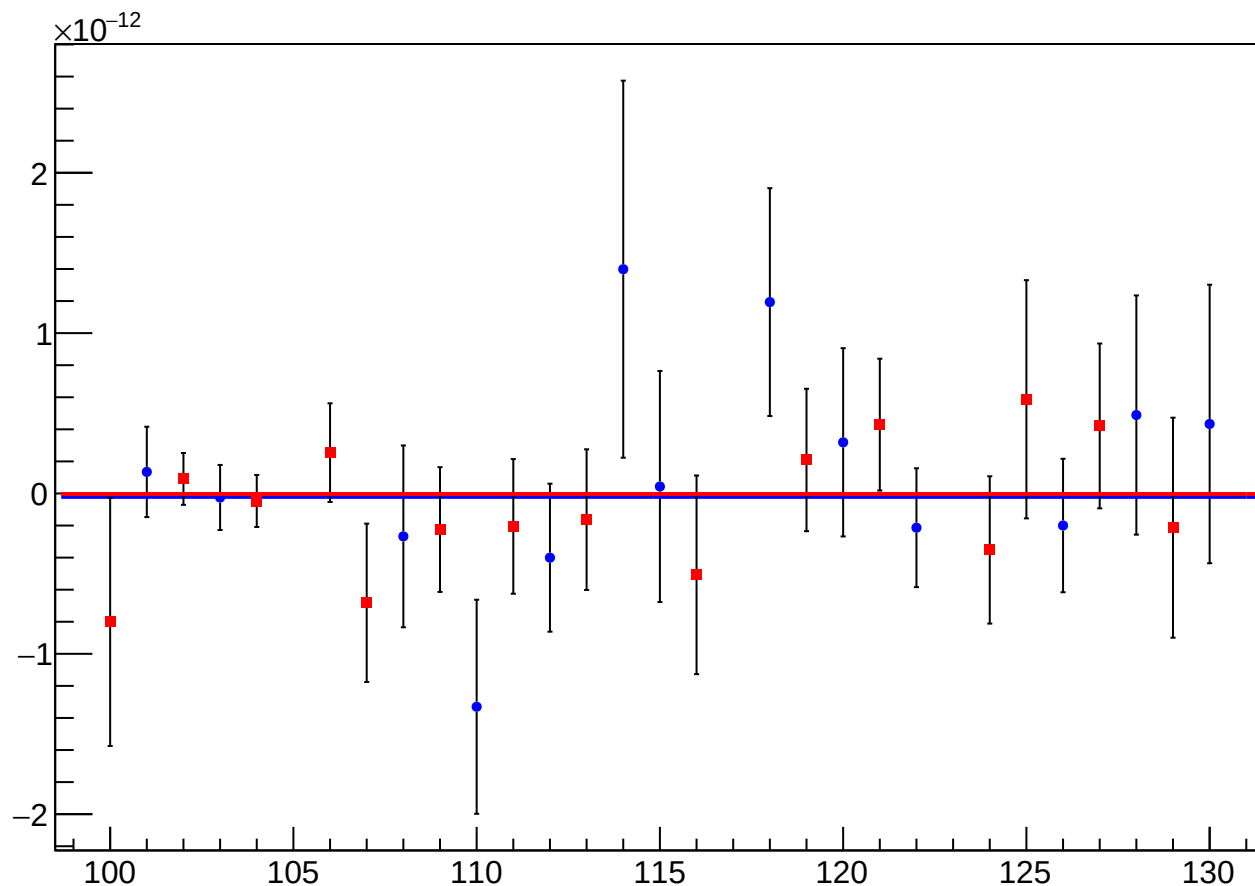
Right: 278.966+/-0.064 χ^2/NDF : 2105682.8/27

In: 293.596+/-0.094 χ^2/NDF : 744706.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.966+/-0.064 χ^2/NDF : 2105682.8/27

asym_at2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 10.9/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 8.7/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

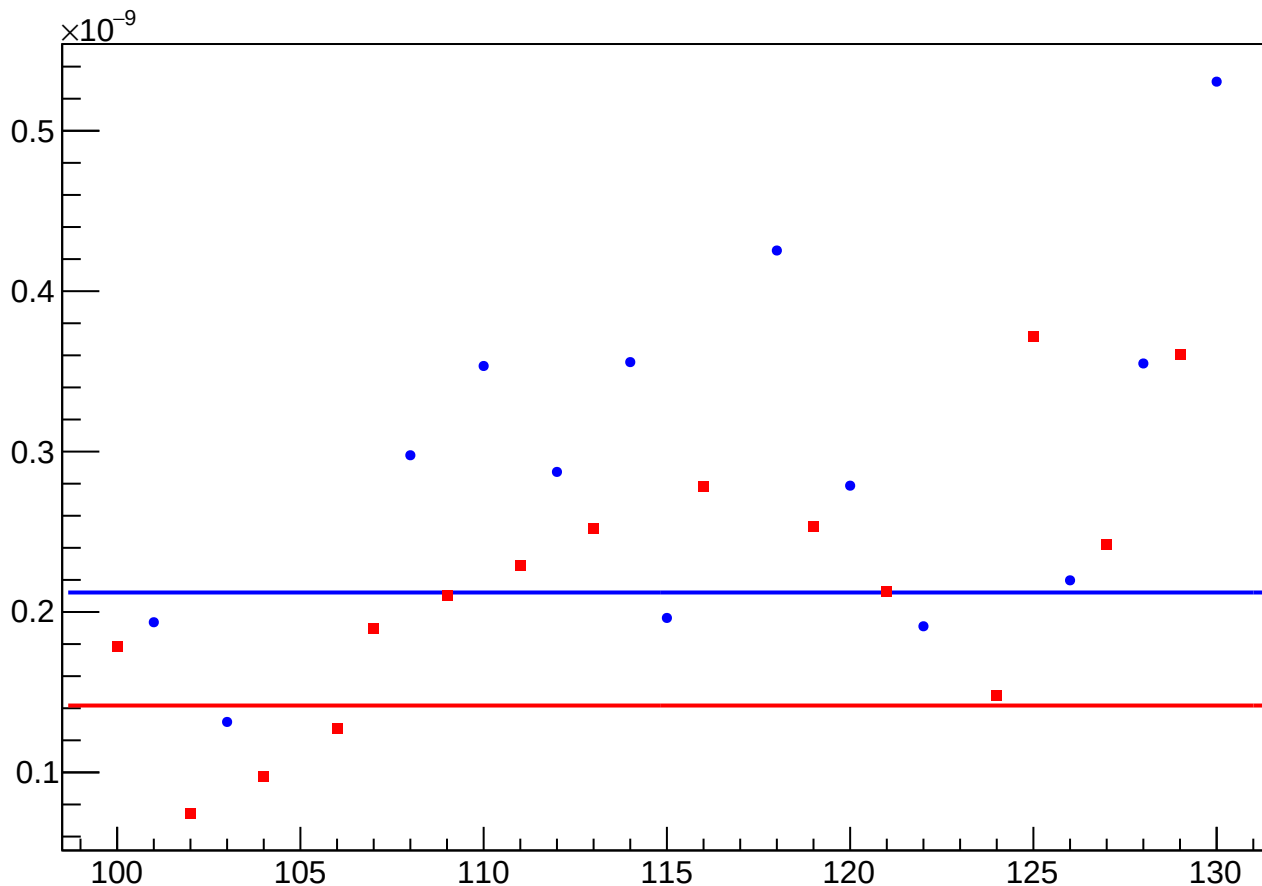
Right: -0.000+/-0.000 χ^2 /NDF: 19.7/27

In: -0.000+/-0.000 χ^2 /NDF:10.9/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 19.7/27

asym_at2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1099216.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1554875.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

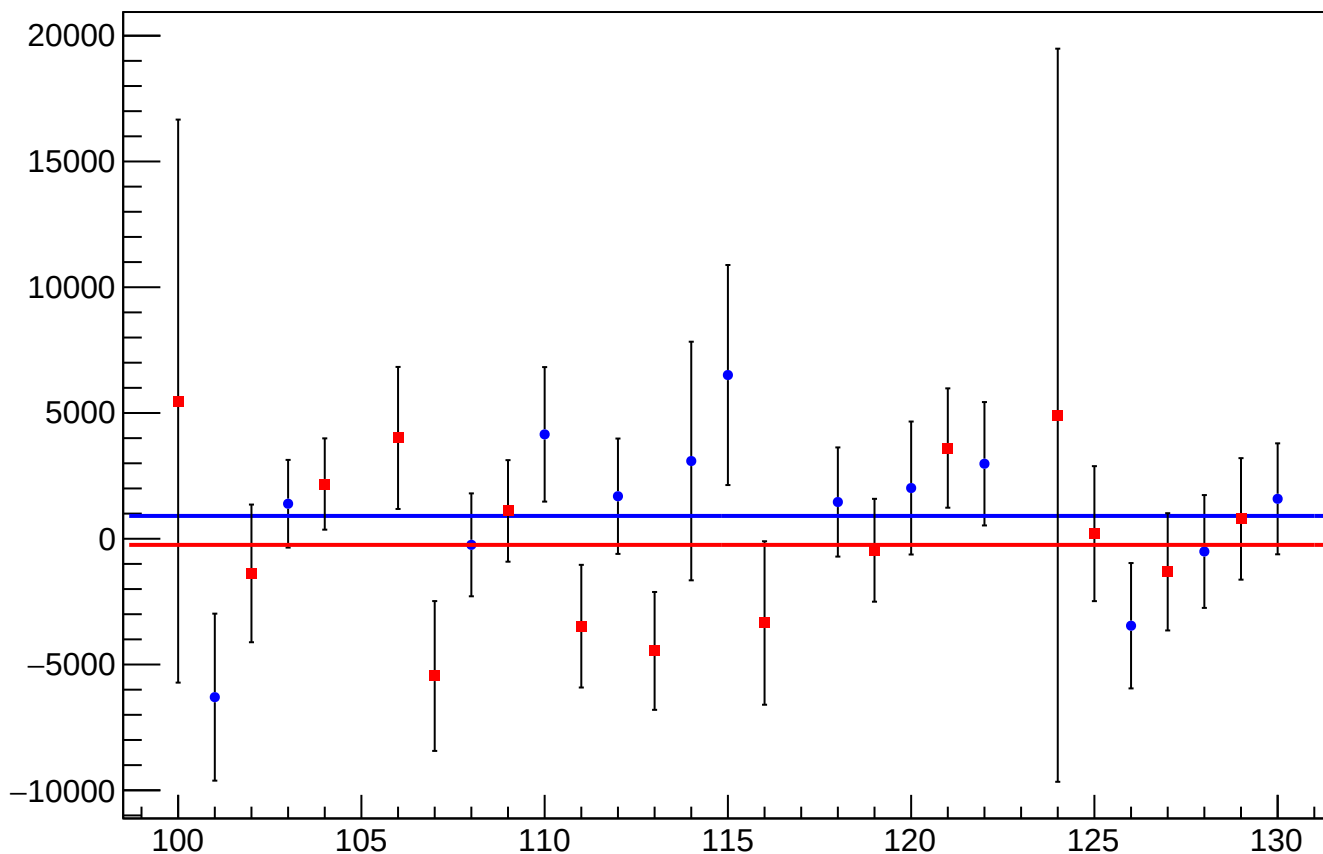
Right: 0.000+/-0.000 χ^2/NDF : 3115967.8/27

In: 0.000+/-0.000 χ^2/NDF : 1099216.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3115967.8/27

reg_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 907.879+/-678.467 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -243.747+/-660.924 χ^2/NDF : 17.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

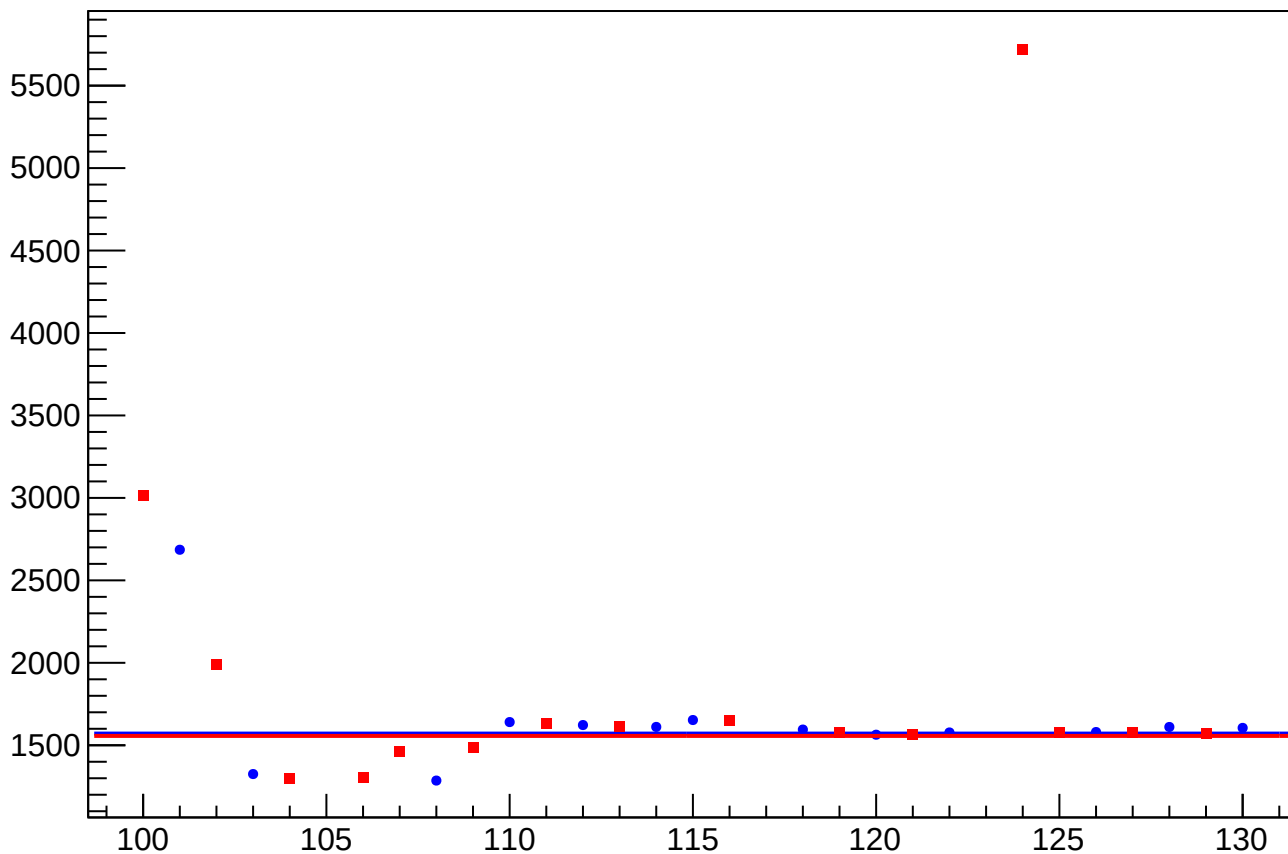
Right: 316.984+/-473.424 χ^2/NDF : 31.6/27

In: 907.879+/-678.467 χ^2/NDF : 13.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 316.984+/-473.424 χ^2/NDF : 31.6/27

reg_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1570.823+/-0.480 χ^2/NDF : 308597.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1556.764+/-0.467 χ^2/NDF : 312635.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

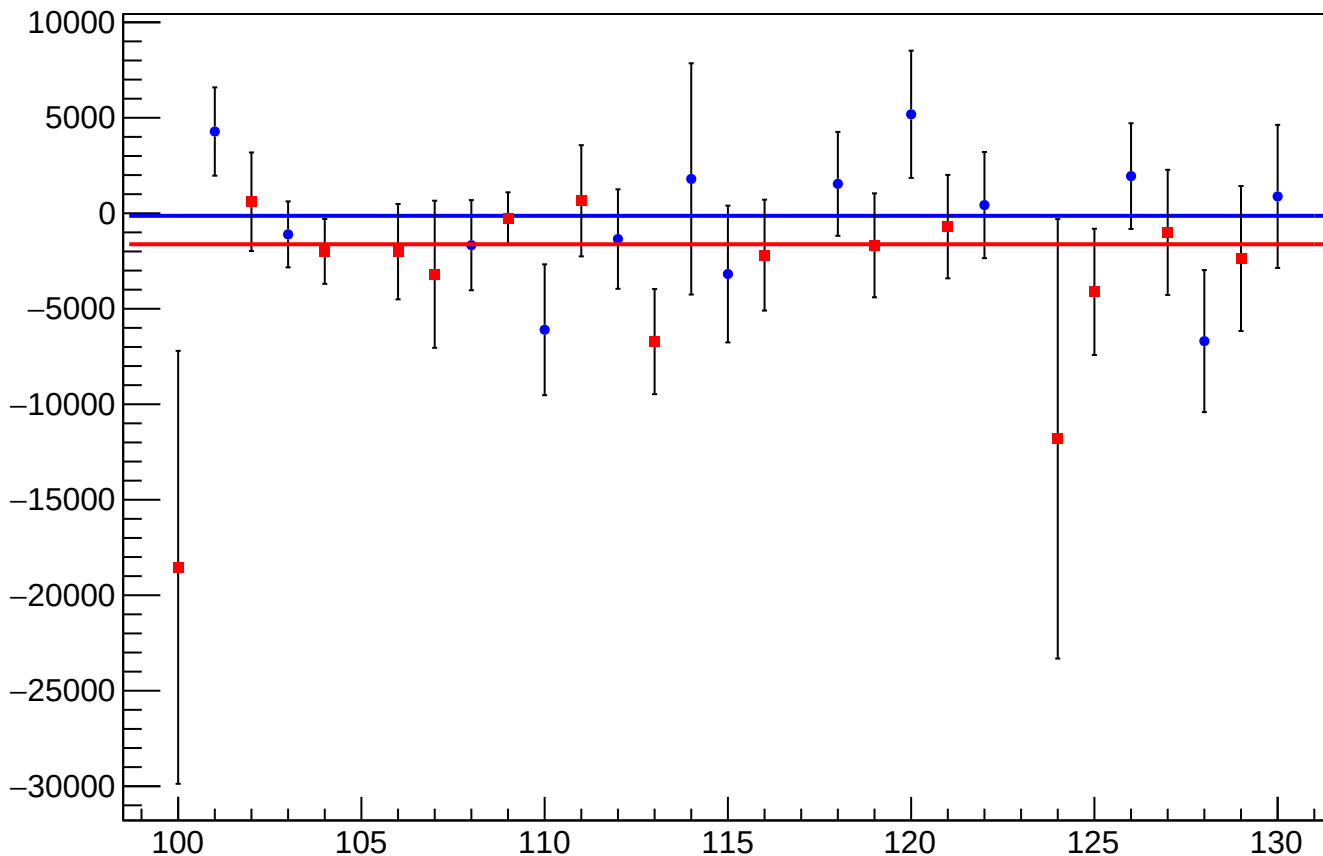
Right: 1563.609+/-0.335 χ^2/NDF : 621673.1/27

In: 1570.823+/-0.480 χ^2/NDF : 308597.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1563.609+/-0.335 χ^2/NDF : 621673.1/27

asym_at2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -133.461+/-774.211 χ^2/NDF : 15.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1622.059+/-677.151 χ^2/NDF : 9.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

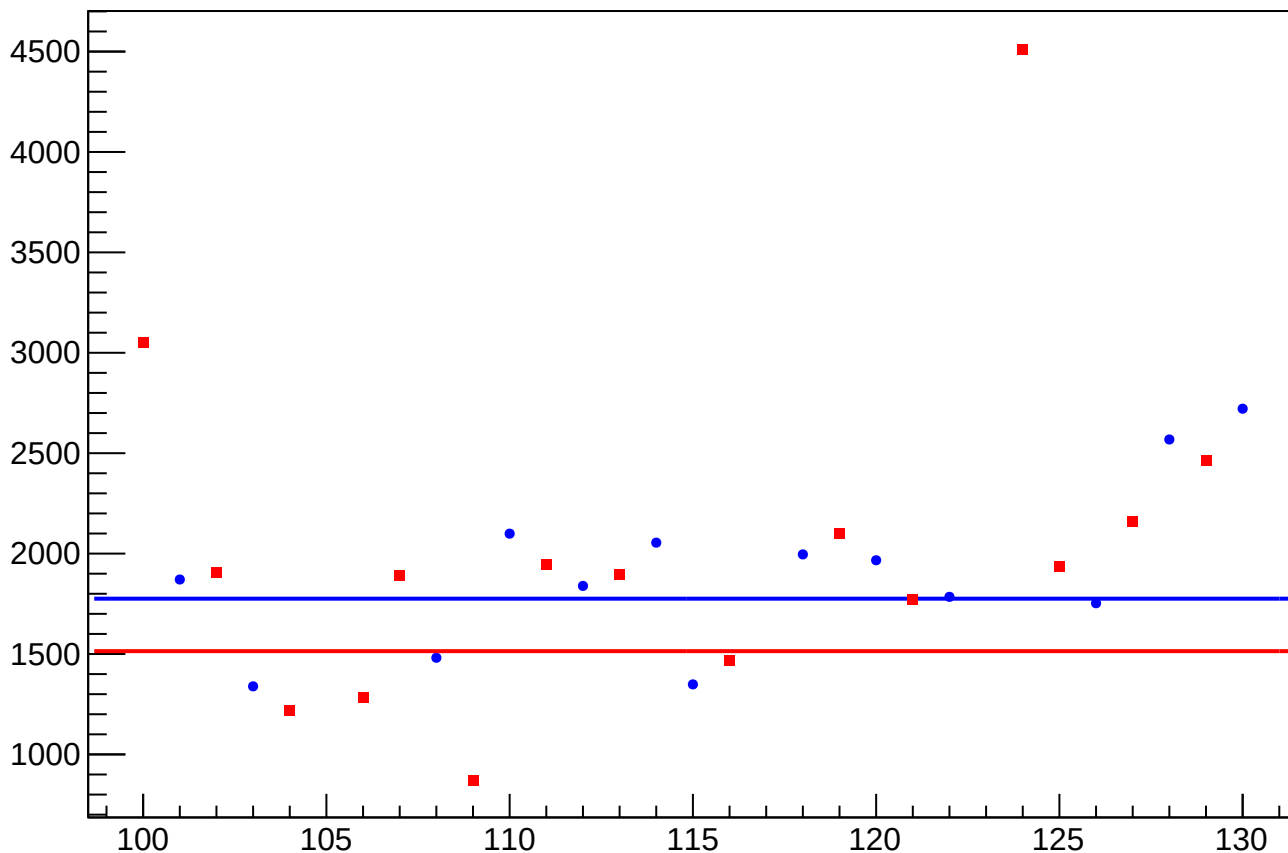
Right: -976.866+/-509.701 χ^2/NDF : 27.1/27

In: -133.461+/-774.211 χ^2/NDF : 15.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -976.866+/-509.701 χ^2/NDF : 27.1/27

asym_at2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1775.524+/-0.547 χ^2/NDF : 452176.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1514.241+/-0.479 χ^2/NDF : 1197331.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

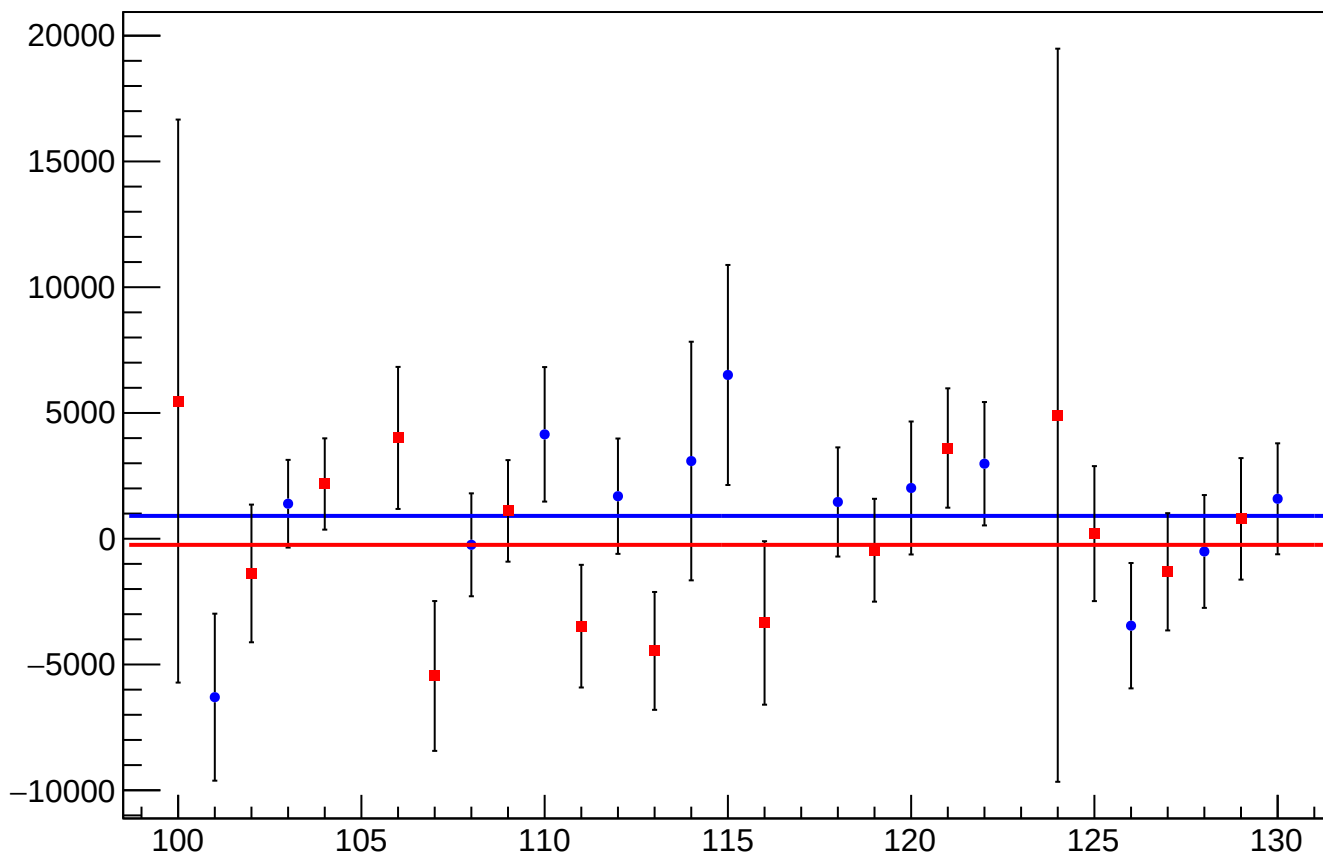
Right: 1627.487+/-0.360 χ^2/NDF : 1778567.5/27

In: 1775.524+/-0.547 χ^2/NDF : 452176.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1627.487+/-0.360 χ^2/NDF : 1778567.5/27

cor_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 907.724+/-678.467 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -244.010+/-660.924 χ^2/NDF : 17.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

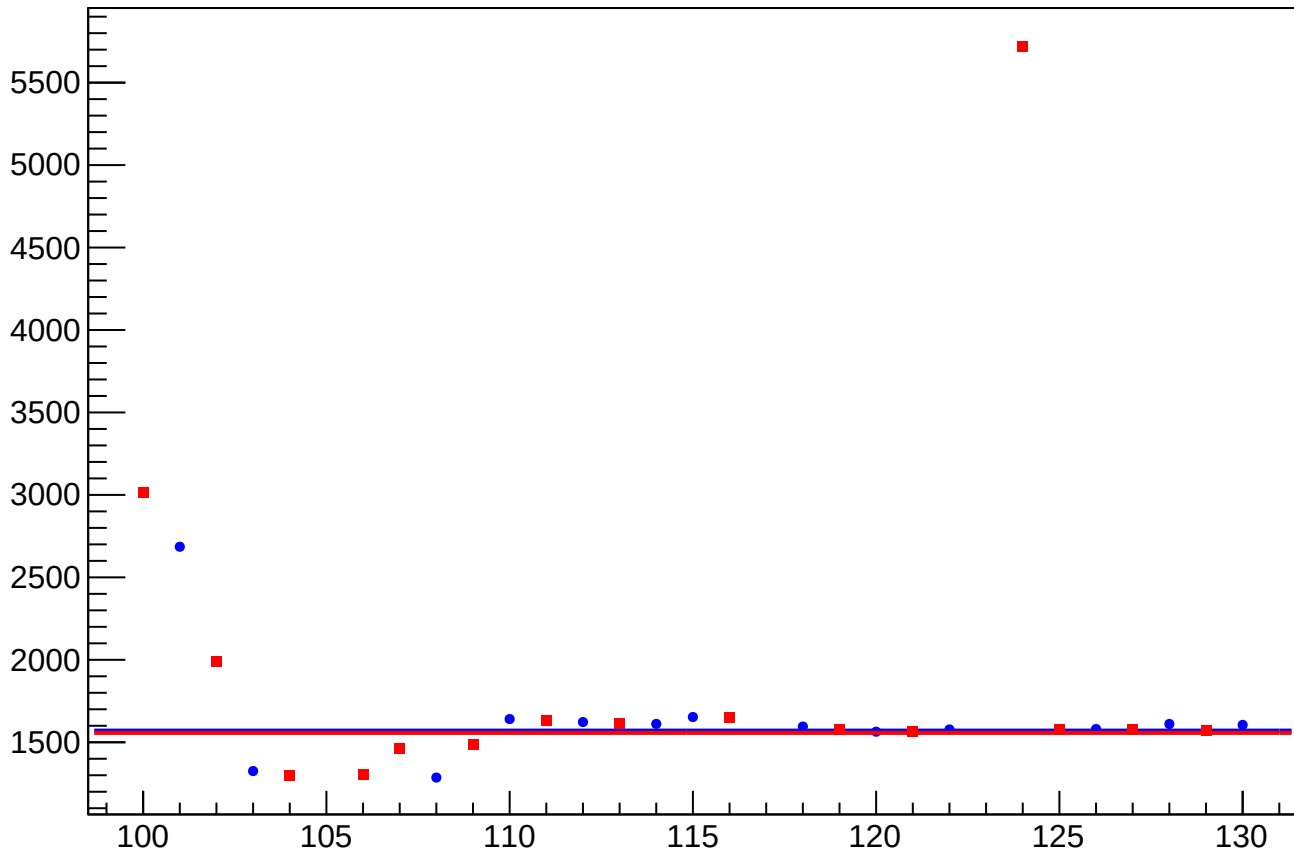
Right: 316.774+/-473.425 χ^2/NDF : 31.6/27

In: 907.724+/-678.467 χ^2/NDF : 13.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 316.774+/-473.425 χ^2/NDF : 31.6/27

cor_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1570.823+/-0.480 χ^2/NDF : 308597.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1556.763+/-0.467 χ^2/NDF : 312635.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

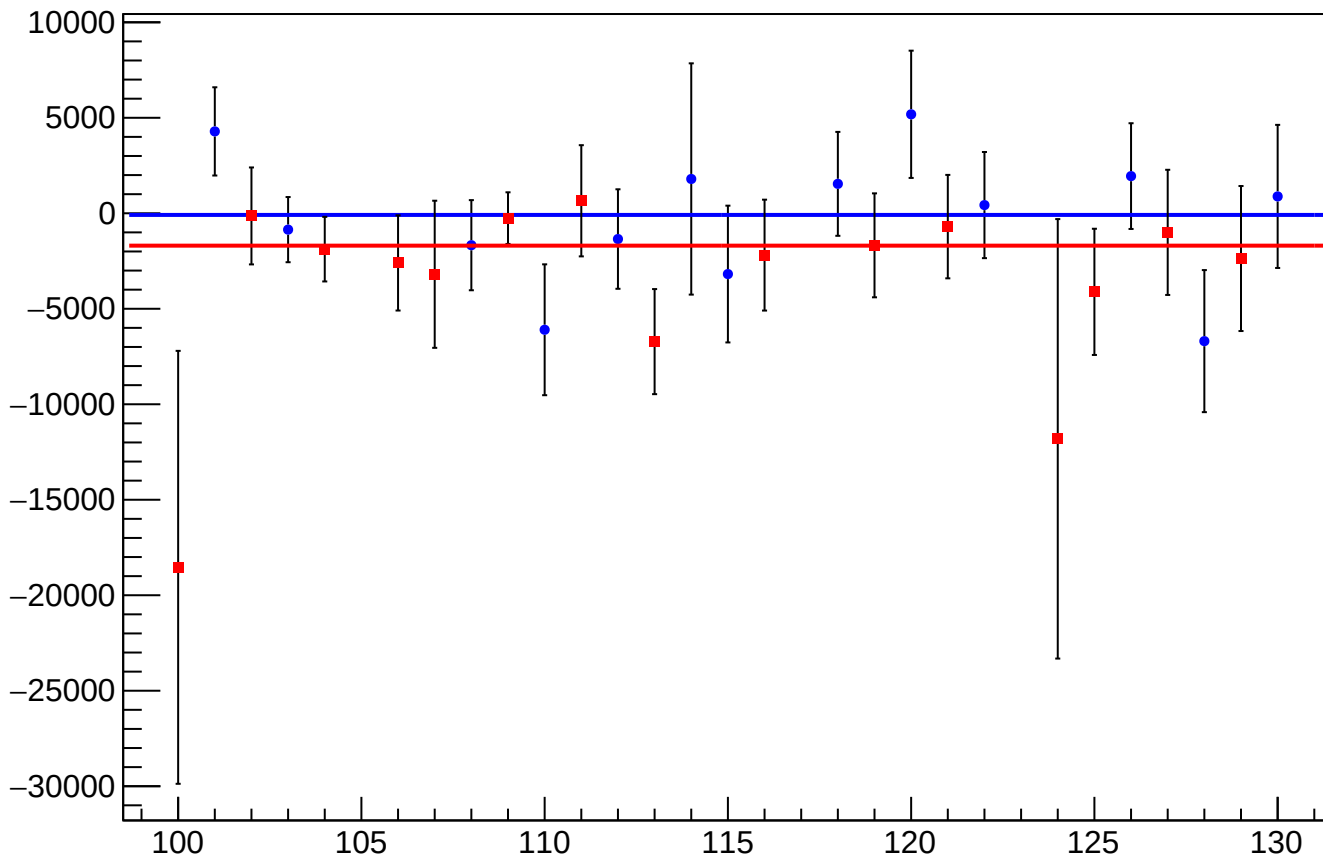
Right: 1563.609+/-0.335 χ^2/NDF : 621673.1/27

In: 1570.823+/-0.480 χ^2/NDF : 308597.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1563.609+/-0.335 χ^2/NDF : 621673.1/27

asym_at2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -86.145+/-772.244 χ^2/NDF : 15.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1694.920+/-675.770 χ^2/NDF : 9.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

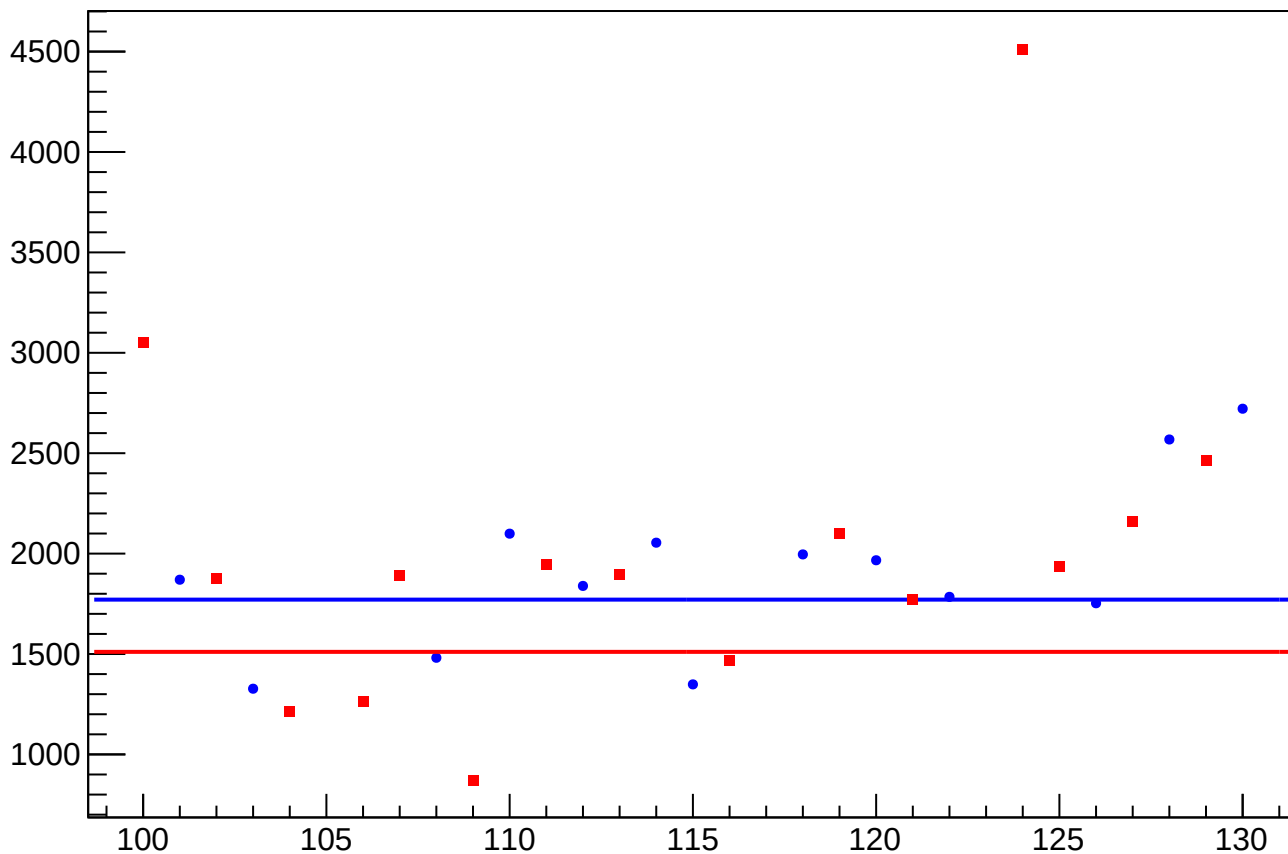
Right: -997.243+/-508.550 χ^2/NDF : 27.1/27

In: -86.145+/-772.244 χ^2/NDF : 15.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -997.243+/-508.550 χ^2/NDF : 27.1/27

asym_at2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1770.846+/-0.546 χ^2/NDF : 462374.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1510.689+/-0.478 χ^2/NDF : 1196886.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

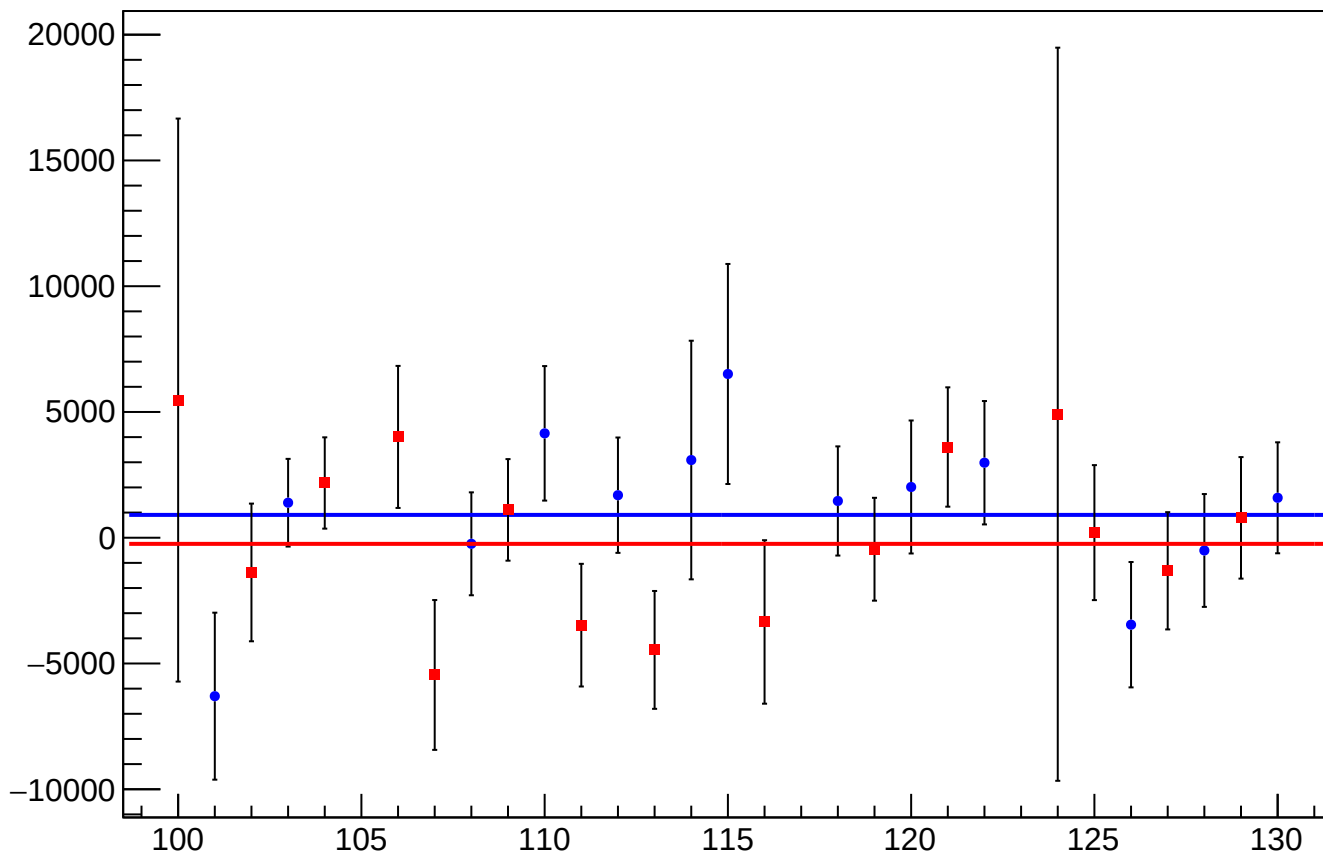
Right: 1623.511+/-0.360 χ^2/NDF : 1787808.2/27

In: 1770.846+/-0.546 χ^2/NDF :462374.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1623.511+/-0.360 χ^2/NDF : 1787808.2/27

eigen_cor_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 907.724+/-678.467 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -244.010+/-660.924 χ^2/NDF : 17.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

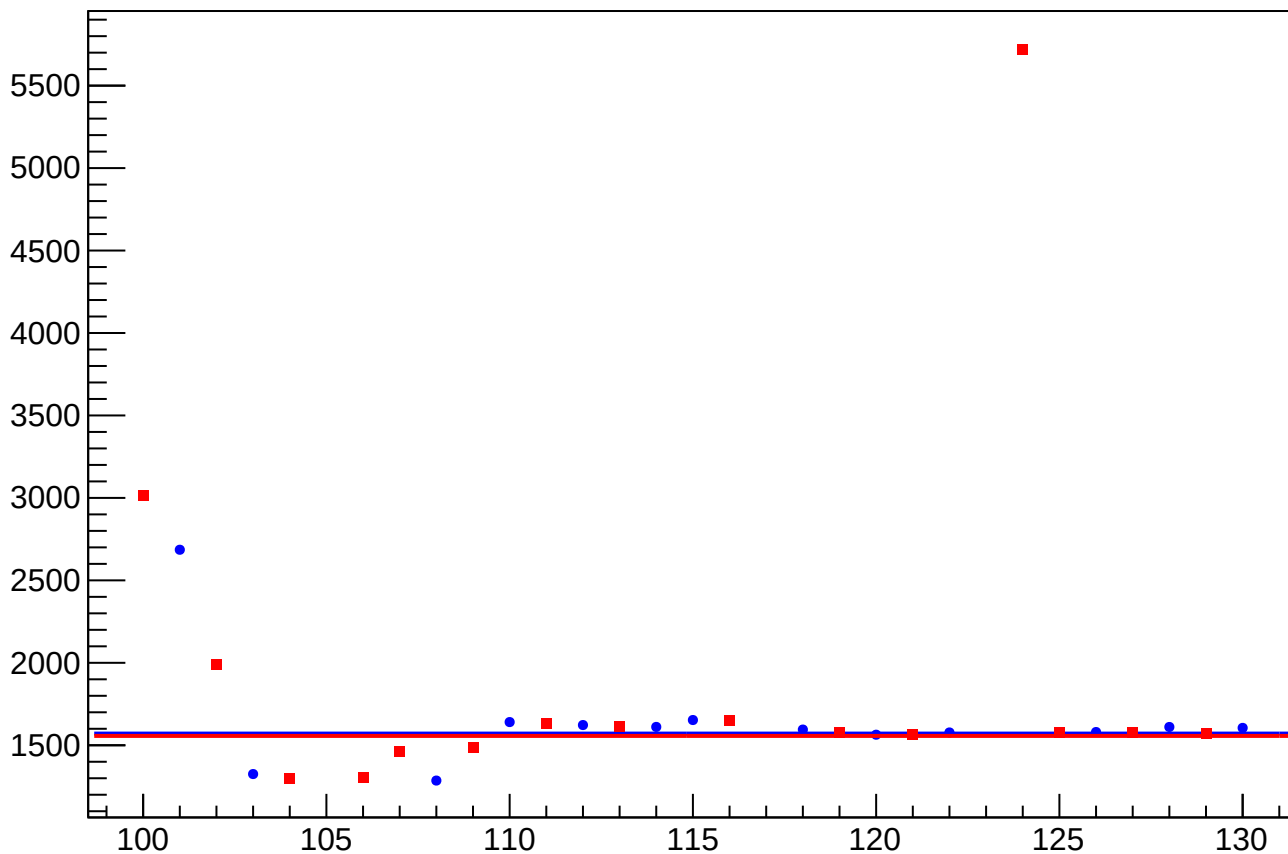
Right: 316.774+/-473.425 χ^2/NDF : 31.6/27

In: 907.724+/-678.467 χ^2/NDF : 13.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 316.774+/-473.425 χ^2/NDF : 31.6/27

eigen_cor_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1570.823+/-0.480 χ^2/NDF : 308597.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1556.763+/-0.467 χ^2/NDF : 312635.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

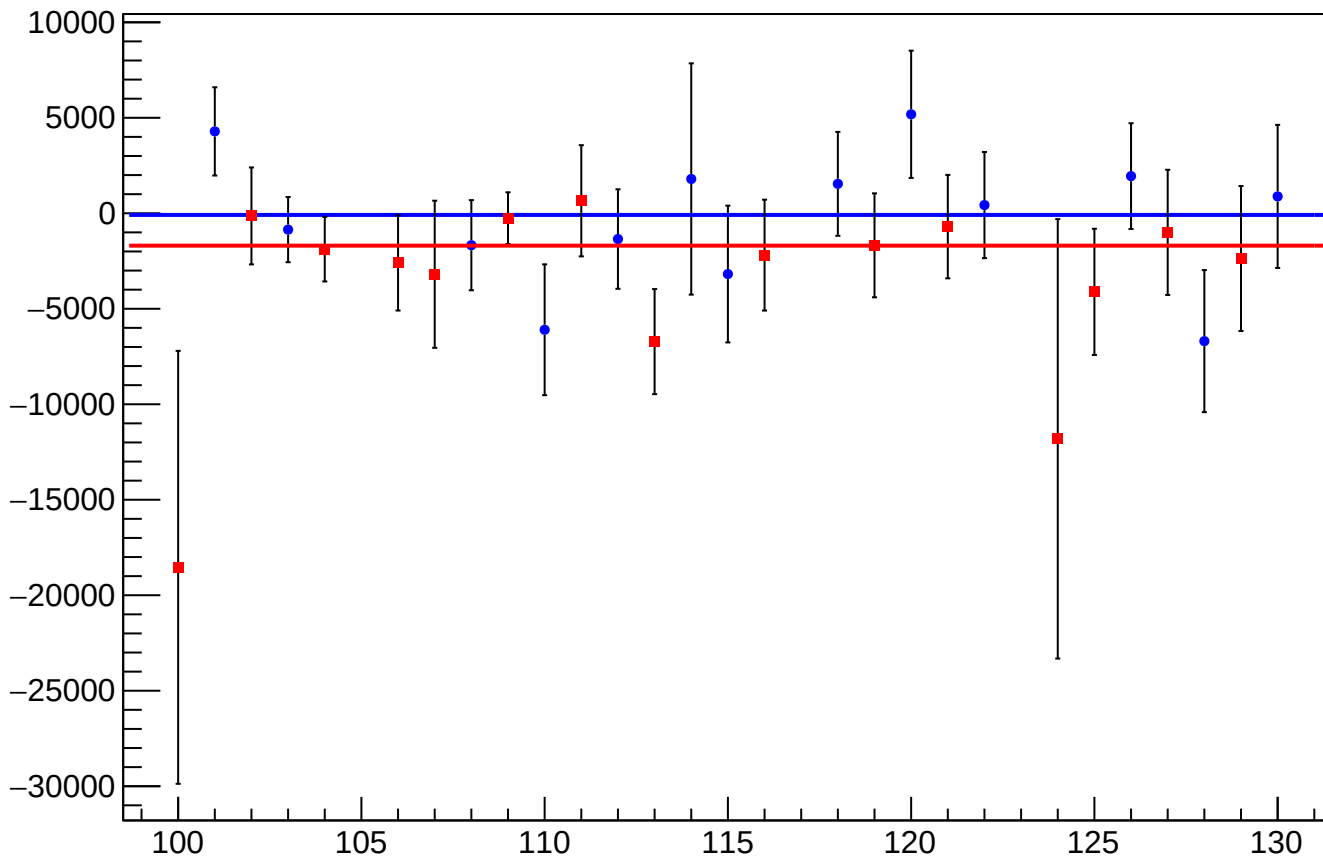
Right: 1563.609+/-0.335 χ^2/NDF : 621673.1/27

In: 1570.823+/-0.480 χ^2/NDF : 308597.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1563.609+/-0.335 χ^2/NDF : 621673.1/27

asym_at2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -86.145+/-772.244 χ^2/NDF : 15.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1694.920+/-675.770 χ^2/NDF : 9.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

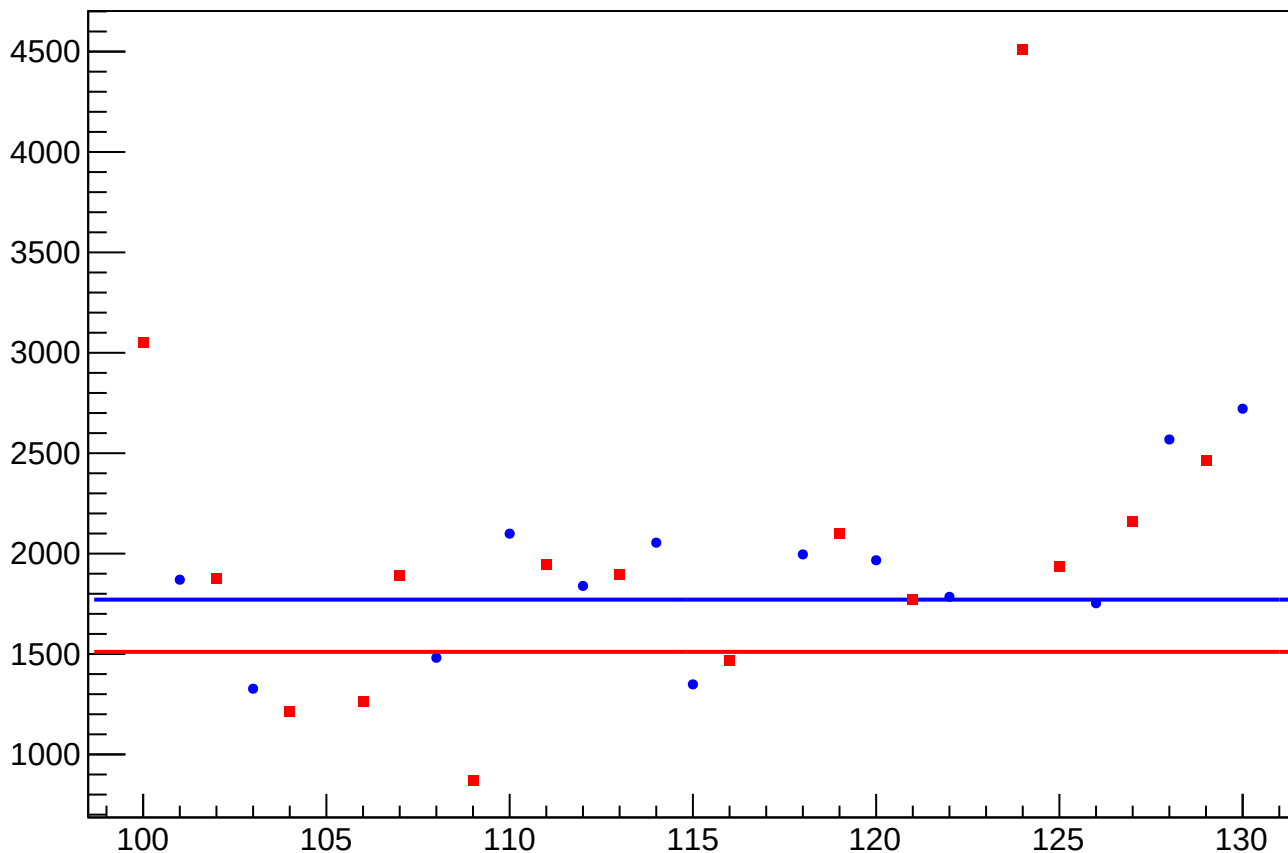
Right: -997.243+/-508.550 χ^2/NDF : 27.1/27

In: -86.145+/-772.244 χ^2/NDF : 15.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -997.243+/-508.550 χ^2/NDF : 27.1/27

asym_at2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1770.846+/-0.546 χ^2/NDF : 462374.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1510.689+/-0.478 χ^2/NDF : 1196886.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

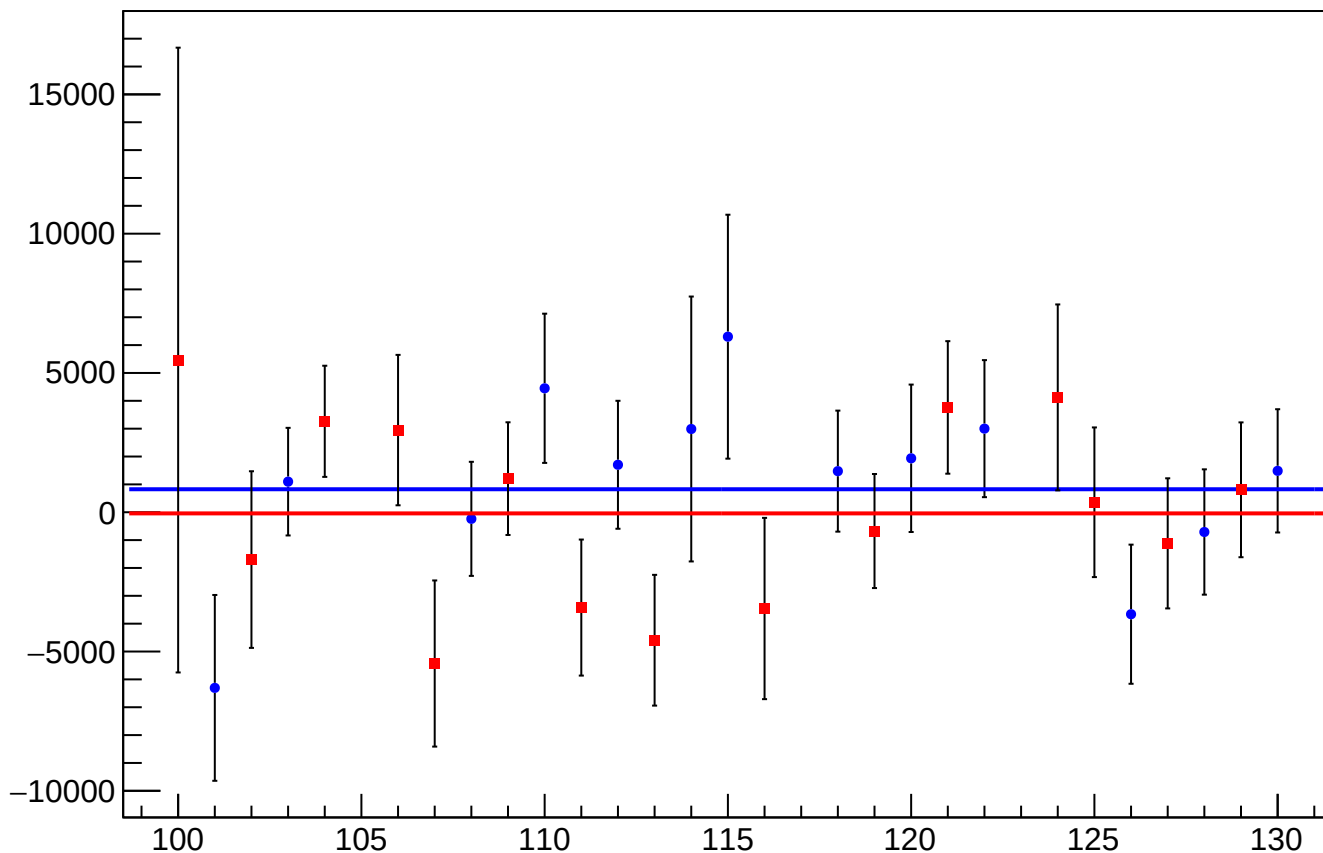
Right: 1623.511+/-0.360 χ^2/NDF : 1787808.2/27

In: 1770.846+/-0.546 χ^2/NDF : 462374.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1623.511+/-0.360 χ^2/NDF : 1787808.2/27

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 825.508+/-689.391 χ^2/NDF : 13.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -41.235+/-660.204 χ^2/NDF : 19.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

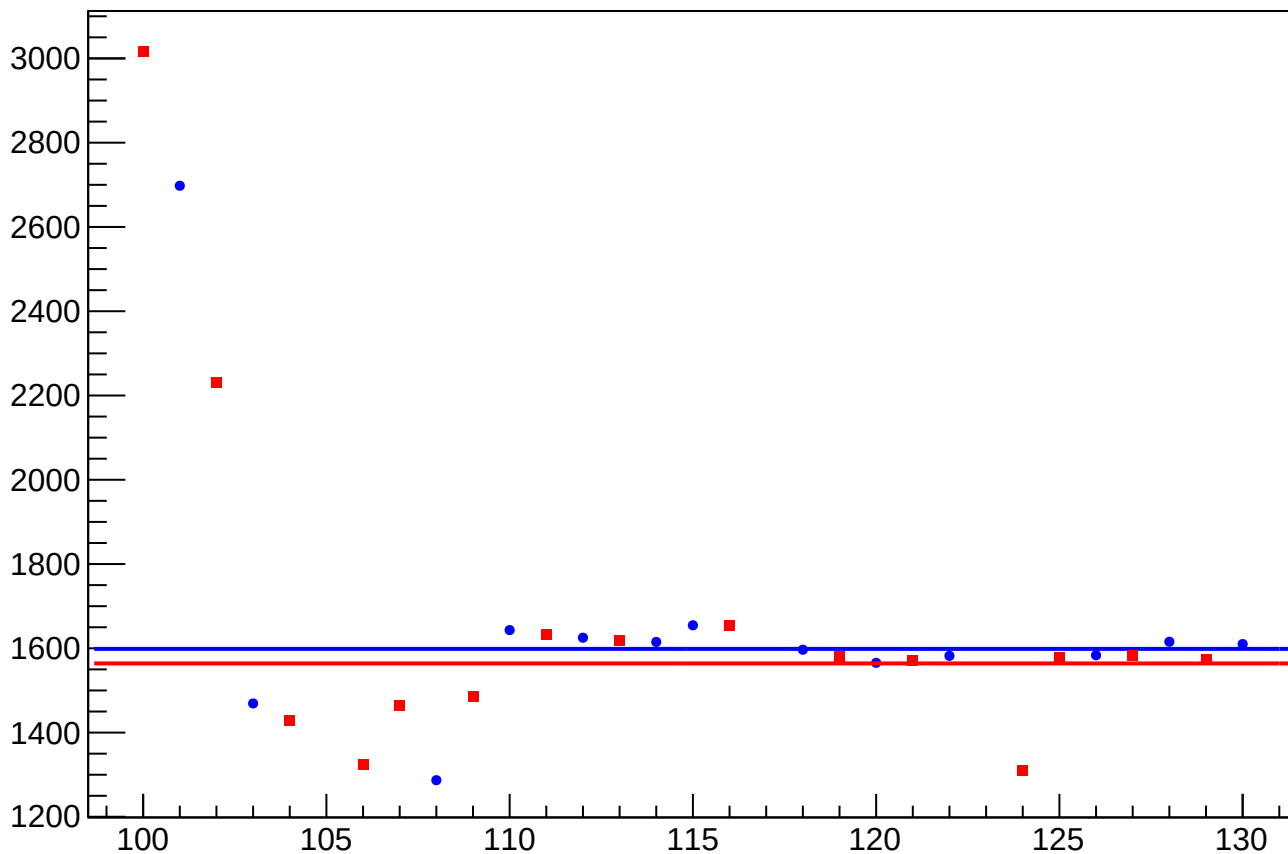
Right: 373.401+/-476.819 χ^2/NDF : 33.7/27

In: 825.508+/-689.391 χ^2/NDF : 13.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 373.401+/-476.819 χ^2/NDF : 33.7/27

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1598.688+/-0.487 χ^2/NDF : 274308.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1564.120+/-0.467 χ^2/NDF : 167891.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

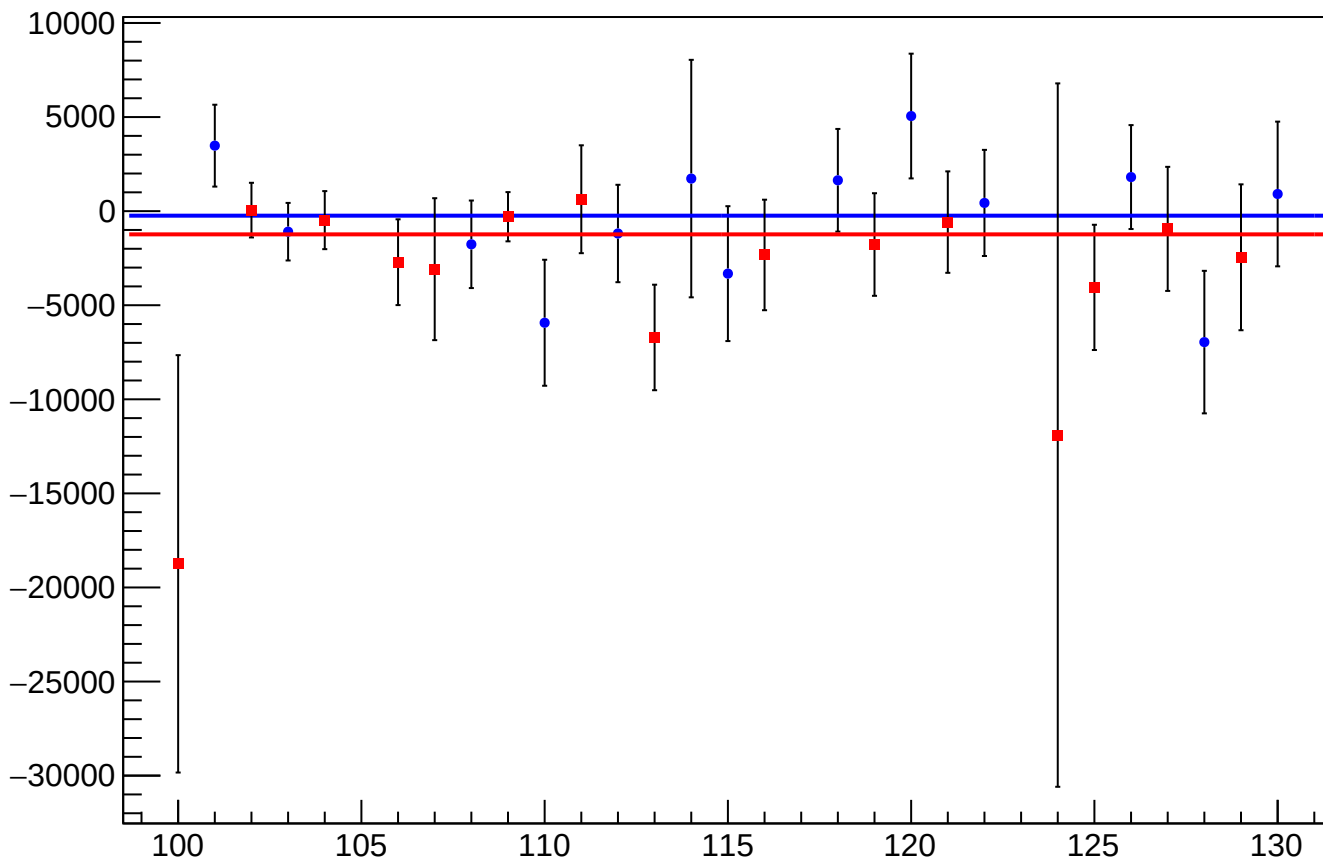
Right: 1580.657+/-0.337 χ^2/NDF : 444823.2/27

In: 1598.688+/-0.487 χ^2/NDF : 274308.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1580.657+/-0.337 χ^2/NDF : 444823.2/27

asym_at2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -240.759+/-748.604 χ^2/NDF : 14.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1233.780+/-615.679 χ^2/NDF : 10.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

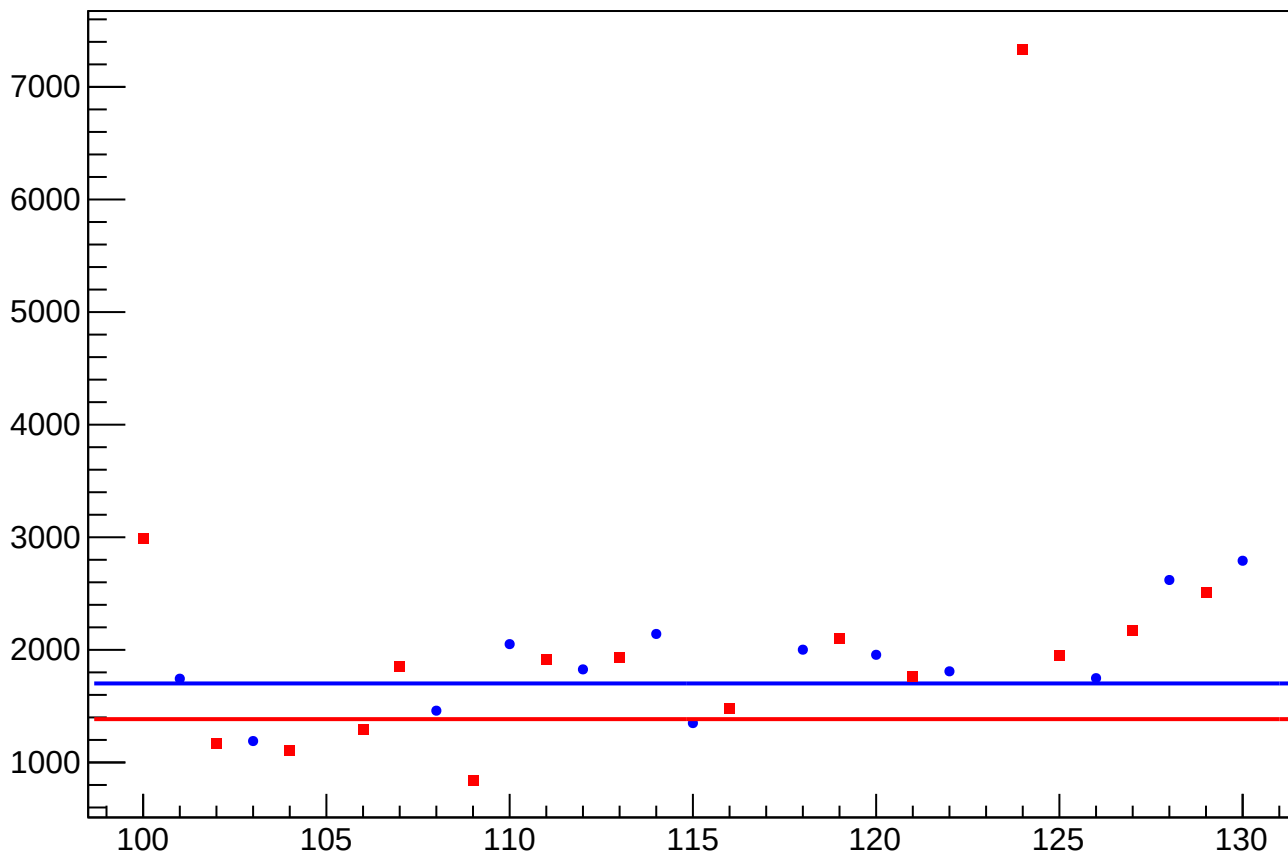
Right: -833.112+/-475.516 χ^2/NDF : 25.8/27

In: -240.759+/-748.604 χ^2/NDF : 14.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -833.112+/-475.516 χ^2/NDF : 25.8/27

asym_at2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1701.714+/-0.529 χ^2/NDF : 619208.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1384.735+/-0.435 χ^2/NDF : 1400510.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

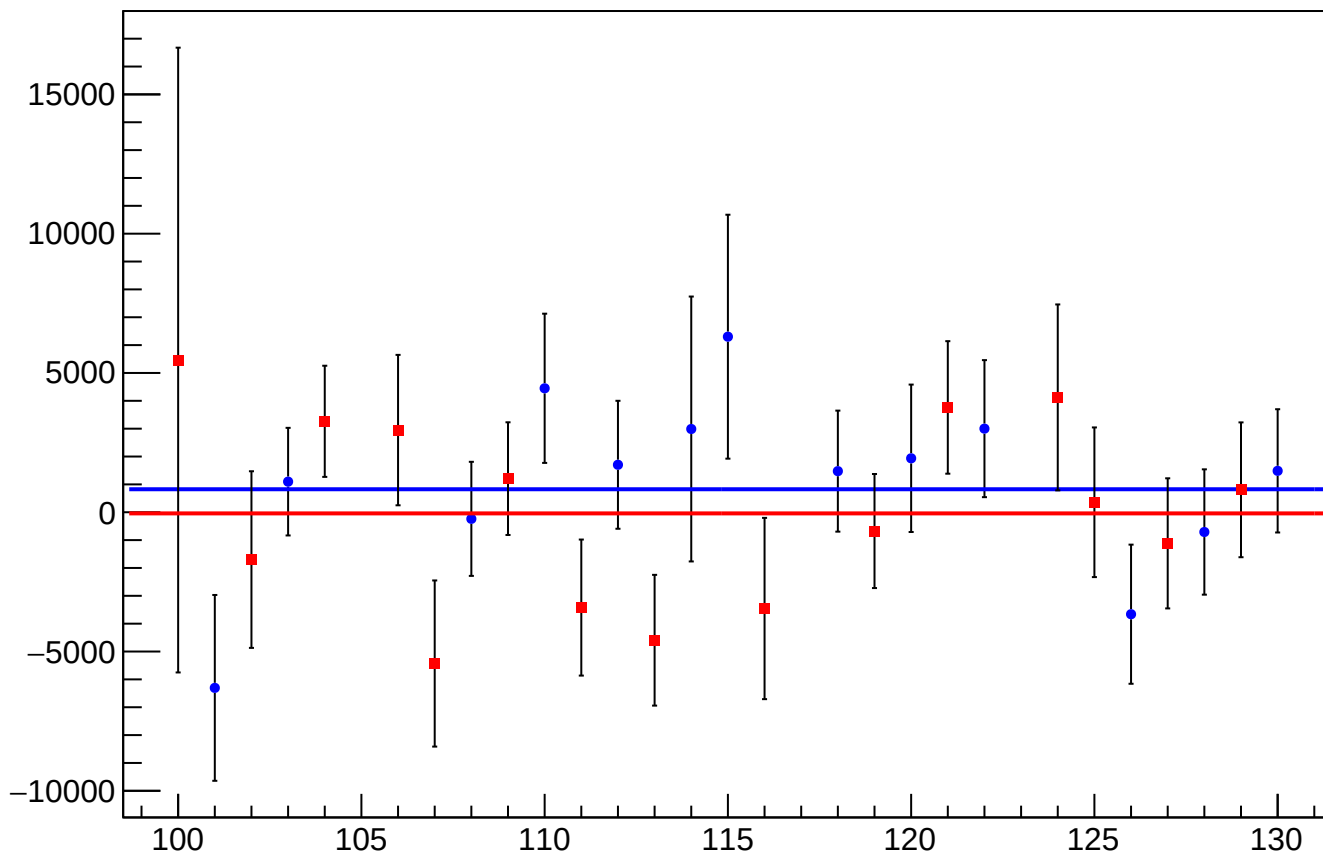
Right: 1512.631+/-0.336 χ^2/NDF : 2233618.0/27

In: 1701.714+/-0.529 χ^2/NDF : 619208.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1512.631+/-0.336 χ^2/NDF : 2233618.0/27

eigen_dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 825.505+/-689.391 χ^2/NDF : 13.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -41.231+/-660.204 χ^2/NDF : 19.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

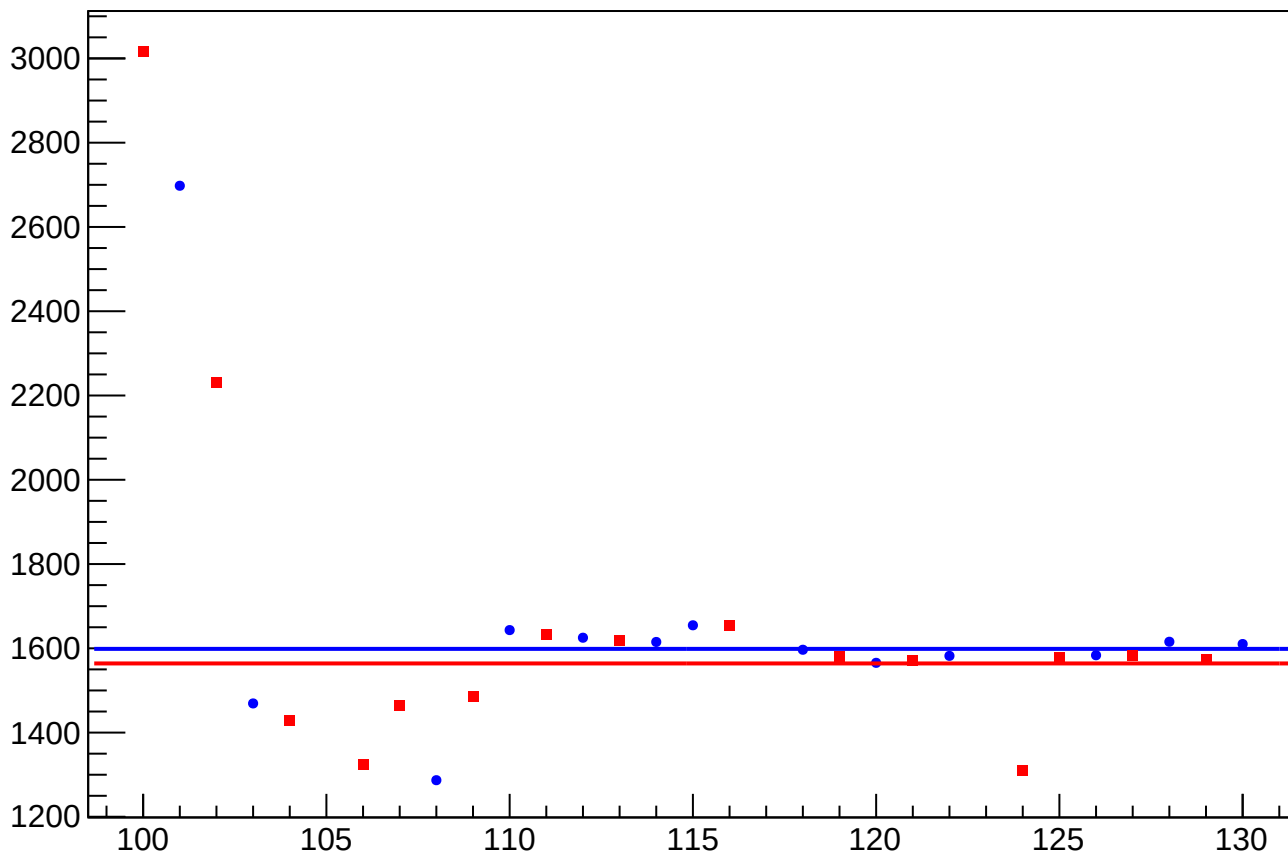
Right: 373.401+/-476.819 χ^2/NDF : 33.7/27

In: 825.505+/-689.391 χ^2/NDF : 13.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 373.401+/-476.819 χ^2/NDF : 33.7/27

eigen_dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1598.688+/-0.487 χ^2/NDF : 274308.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1564.120+/-0.467 χ^2/NDF : 167892.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

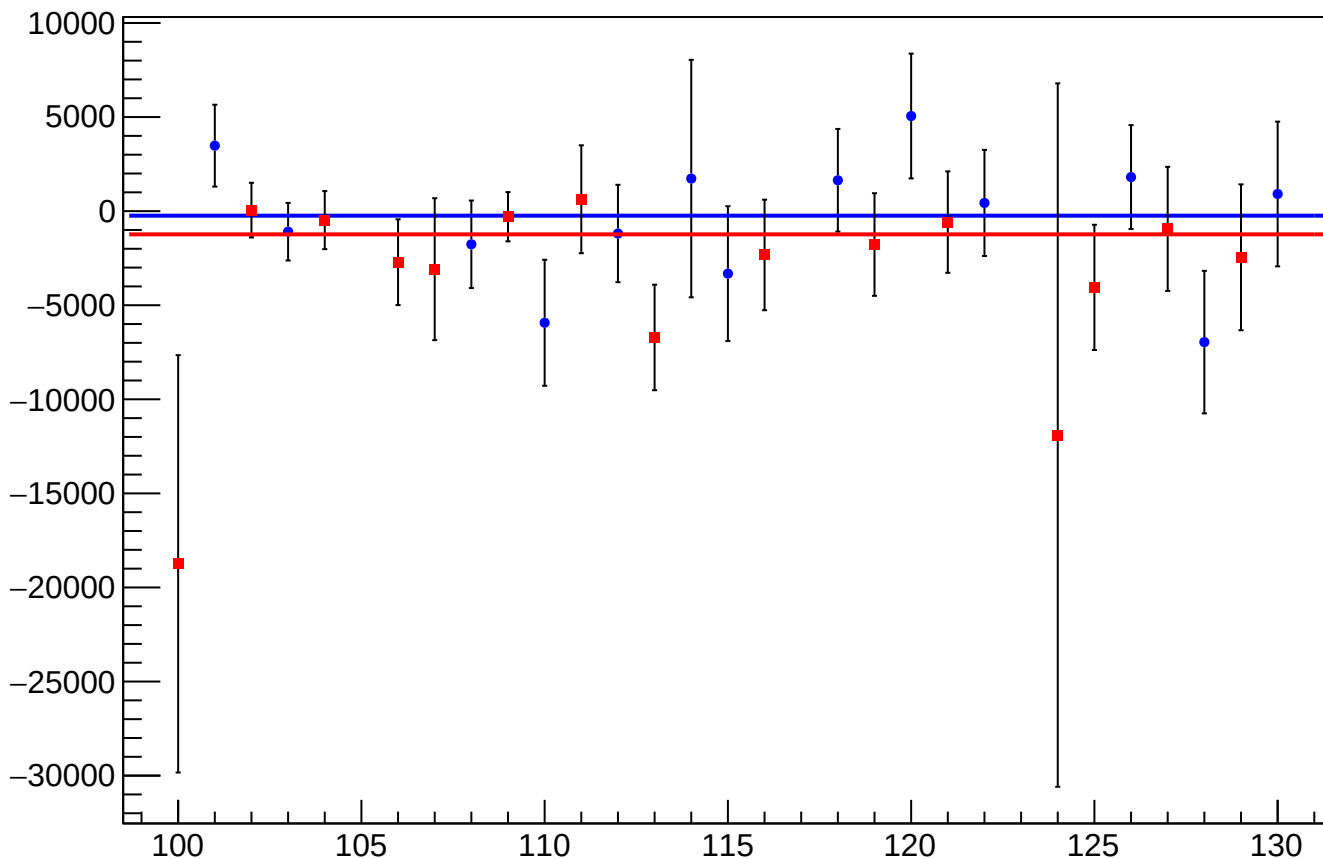
Right: 1580.657+/-0.337 χ^2/NDF : 444823.1/27

In: 1598.688+/-0.487 χ^2/NDF : 274308.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1580.657+/-0.337 χ^2/NDF : 444823.1/27

asym_at2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -240.759+/-748.602 χ^2/NDF : 14.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1233.783+/-615.680 χ^2/NDF : 10.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

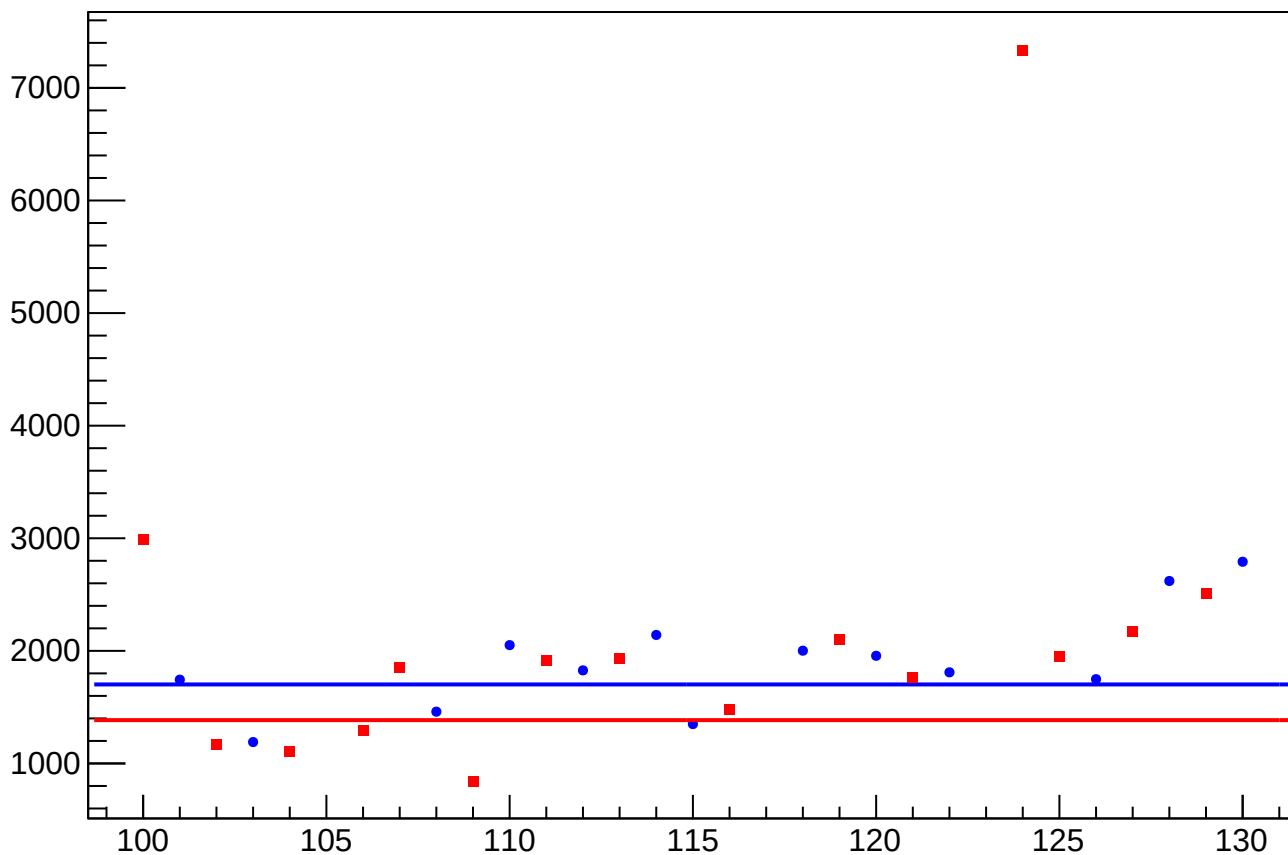
Right: -833.112+/-475.516 χ^2/NDF : 25.8/27

In: -240.759+/-748.602 χ^2/NDF : 14.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -833.112+/-475.516 χ^2/NDF : 25.8/27

asym_at2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1701.711+/-0.529 χ^2/NDF : 619199.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1384.740+/-0.435 χ^2/NDF : 1400479.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

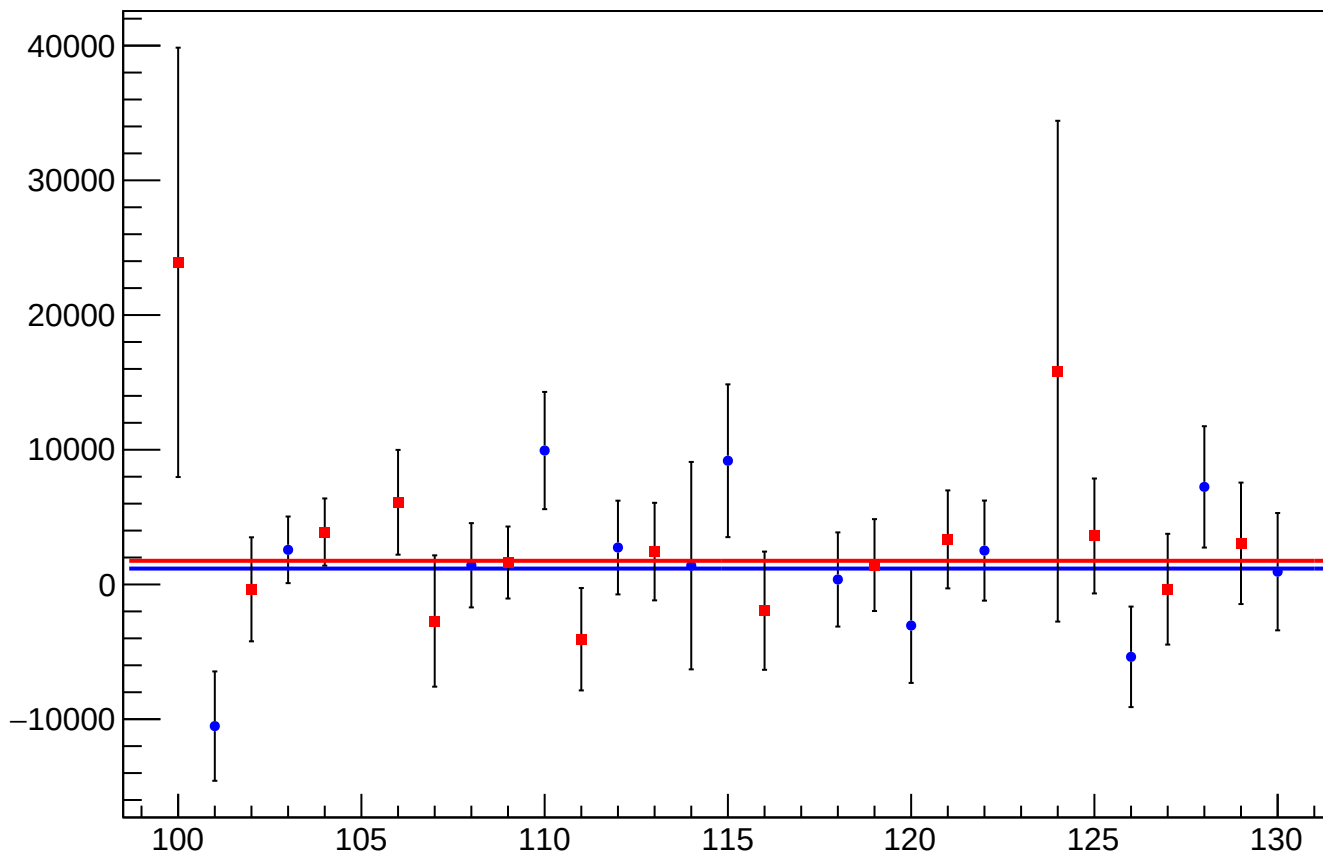
Right: 1512.634+/-0.336 χ^2/NDF : 2233566.6/27

In: 1701.711+/-0.529 χ^2/NDF : 619199.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1512.634+/-0.336 χ^2/NDF : 2233566.6/27

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1180.771+/-1058.155 χ^2/NDF : 20.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1756.806+/-997.454 χ^2/NDF : 9.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

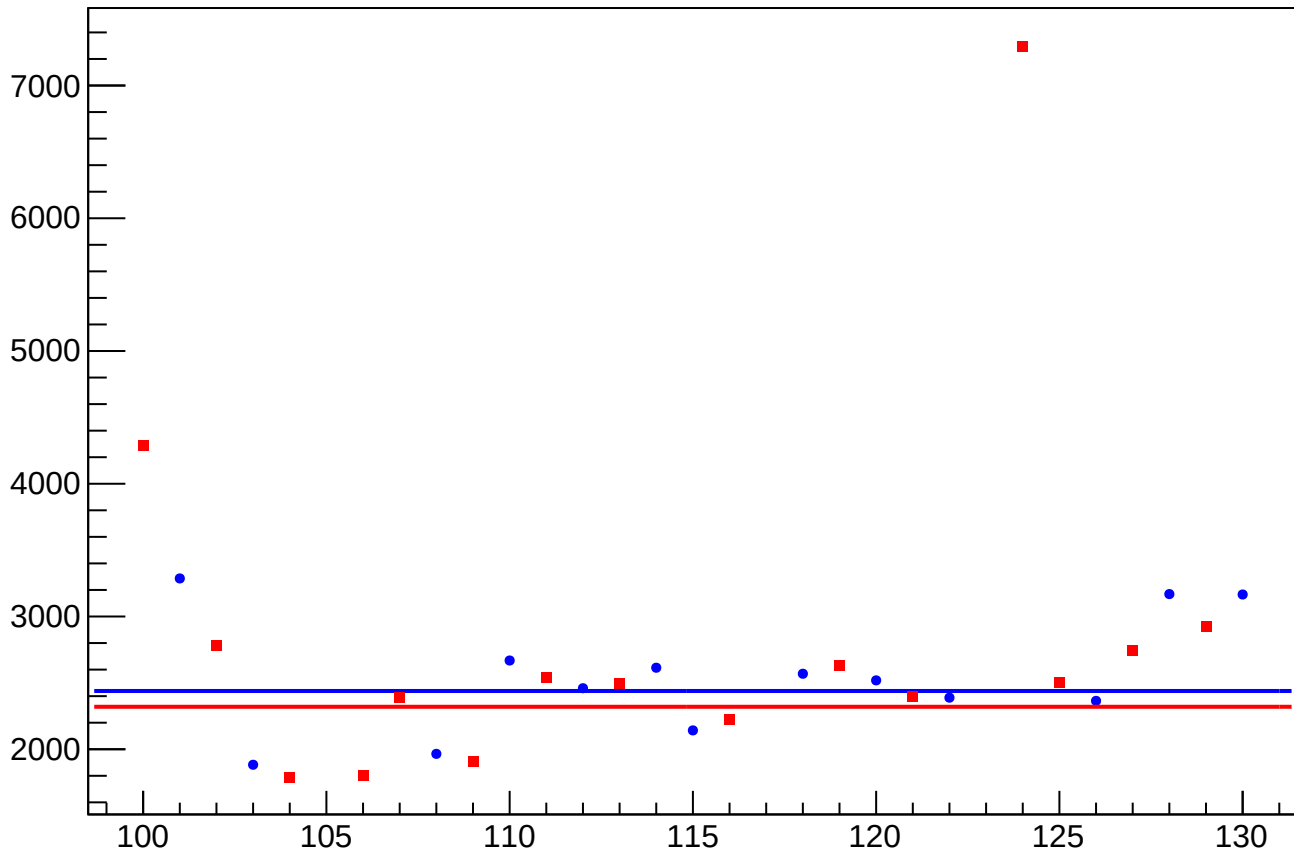
Right: 1485.784+/-725.817 χ^2/NDF : 30.5/27

In: 1180.771+/-1058.155 χ^2/NDF : 20.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1485.784+/-725.817 χ^2/NDF : 30.5/27

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2438.995 $\pm$ 0.748 χ^2 /NDF: 359141.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2319.991 $\pm$ 0.705 χ^2 /NDF: 469142.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

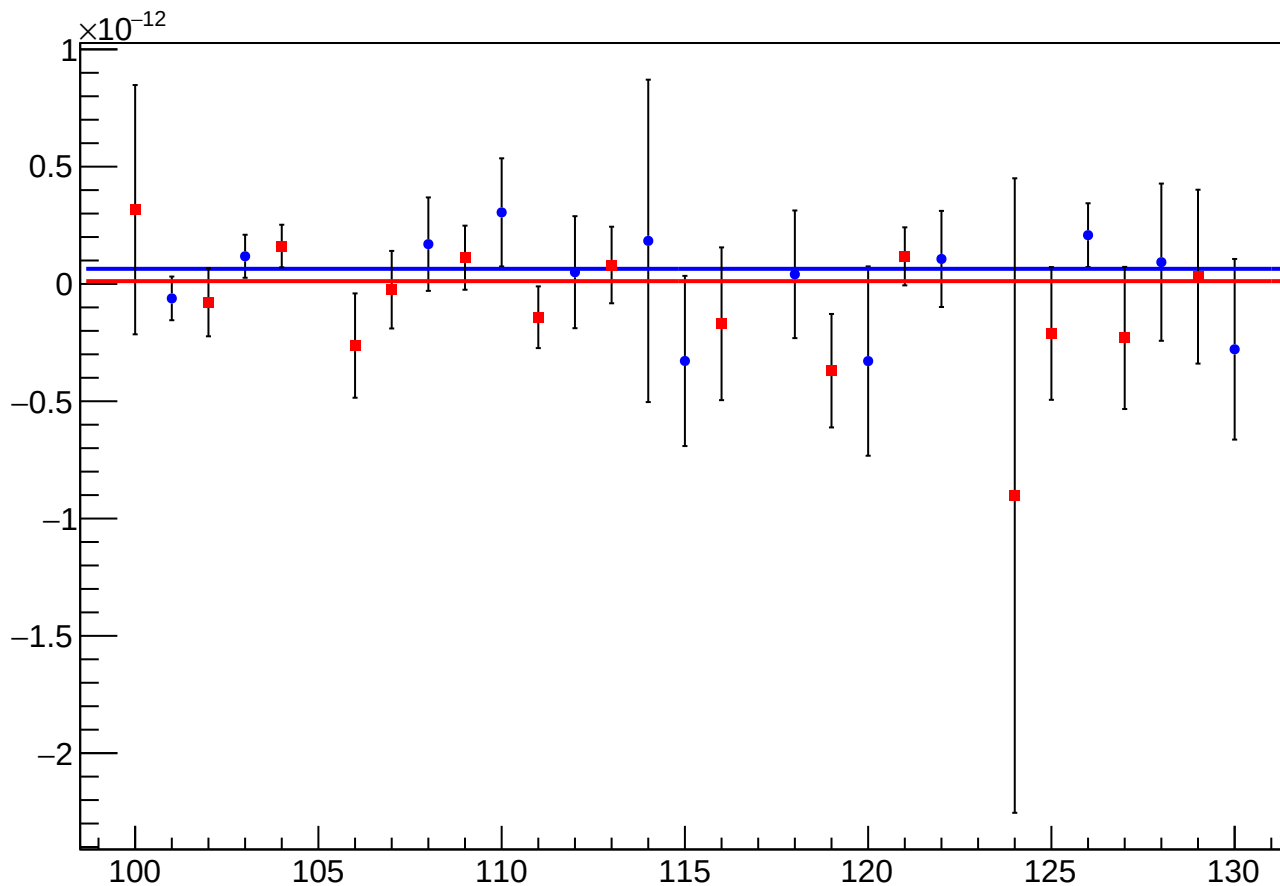
Right: 2375.982 $\pm$ 0.513 χ^2 /NDF: 841678.6/27

In: 2438.995 $\pm$ 0.748 χ^2 /NDF:359141.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2375.982 $\pm$ 0.513 χ^2 /NDF: 841678.6/27

asym_at2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

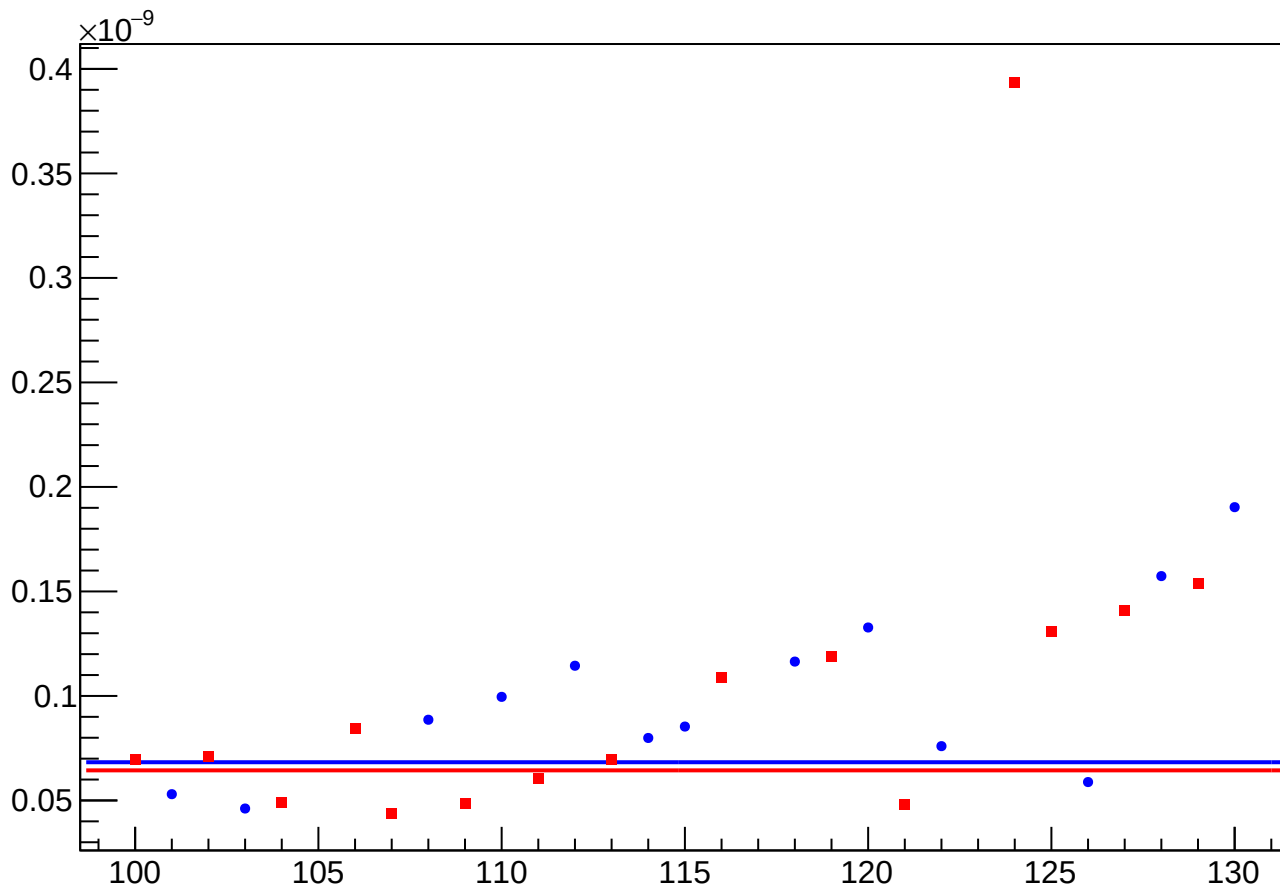
Right: 0.000+/-0.000 χ^2/NDF : 20.6/27

In: 0.000+/-0.000 χ^2/NDF : 7.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.6/27

asym_at2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 776553.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 786153.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

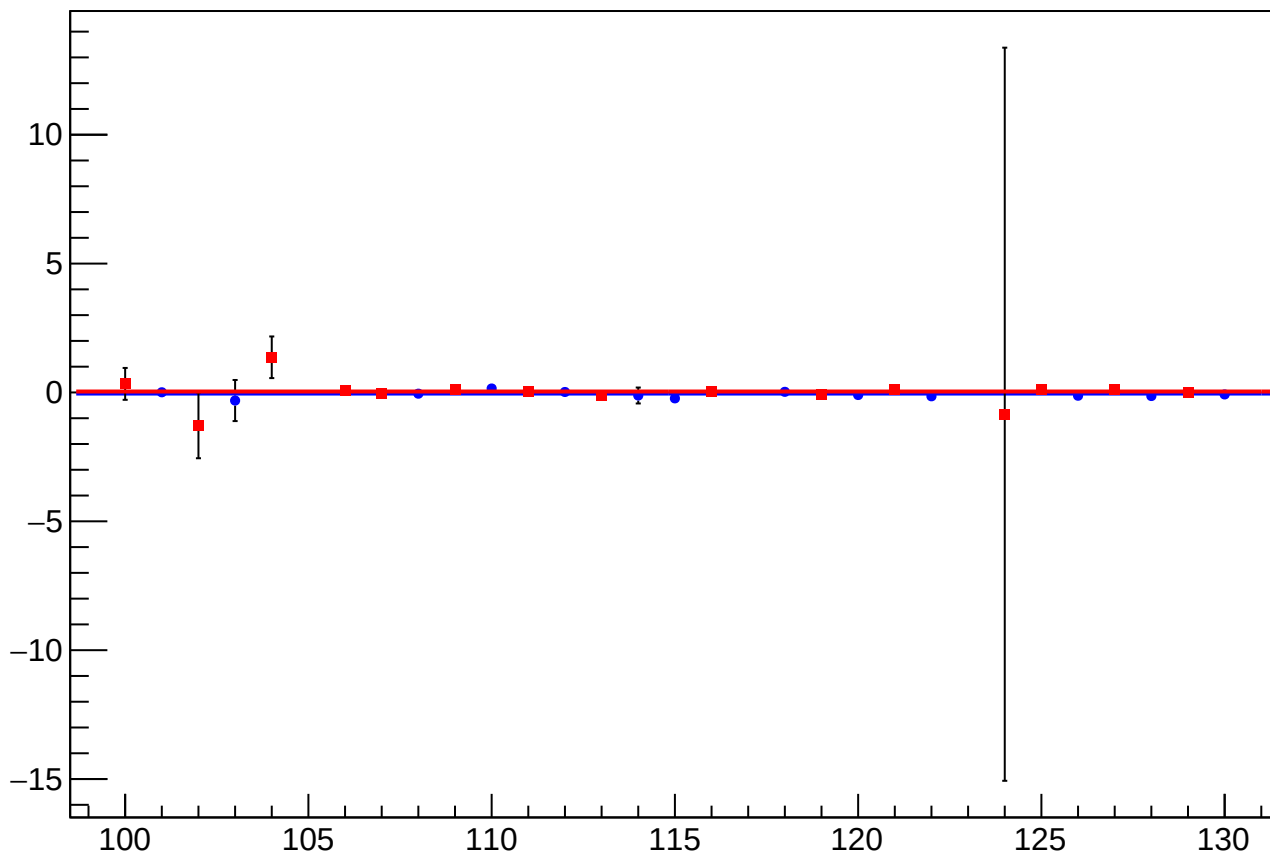
Right: 0.000+/-0.000 χ^2/NDF : 1569618.0/27

In: 0.000+/-0.000 χ^2/NDF : 776553.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1569618.0/27

asym_at2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.042 ± 0.034 χ^2/NDF : 6.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.036 ± 0.029 χ^2/NDF : 10.6/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

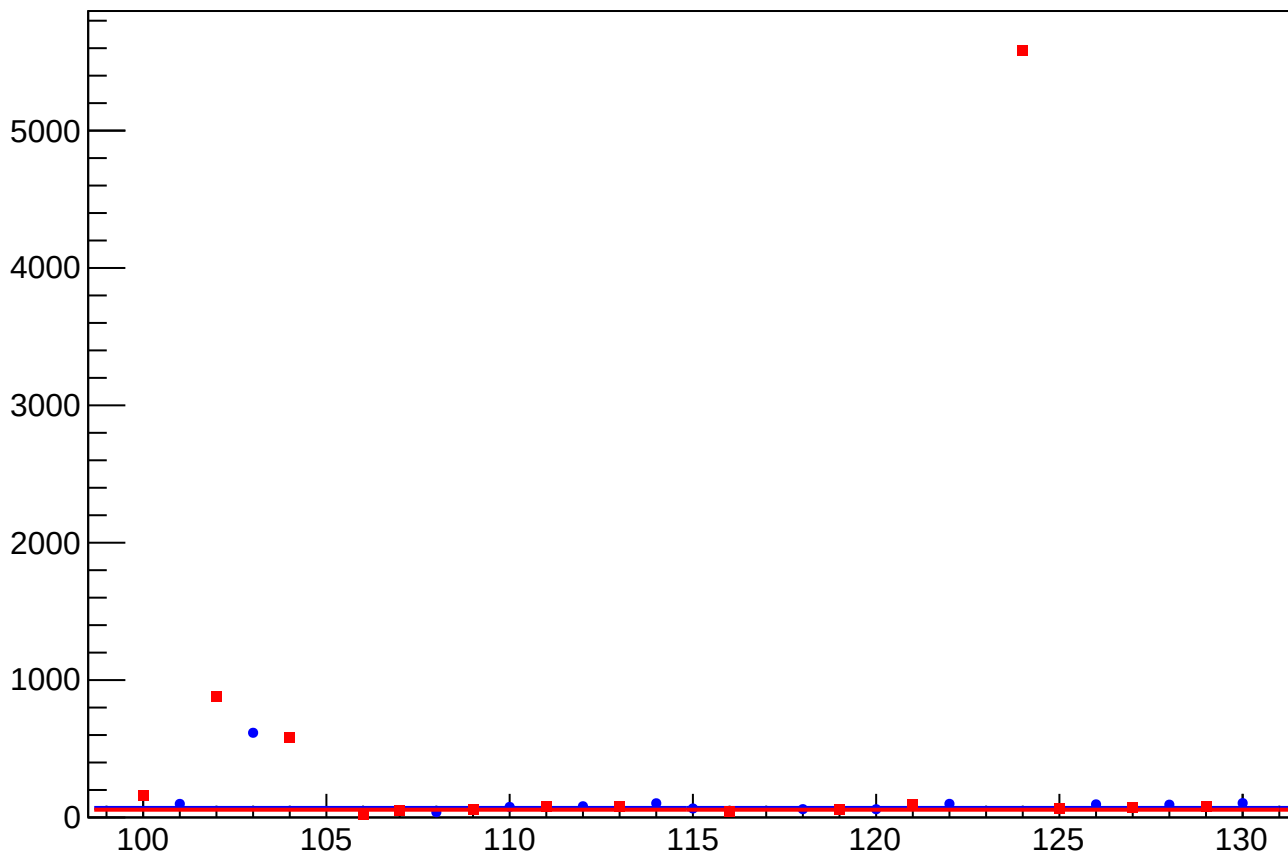
Right: 0.002 ± 0.022 χ^2/NDF : 19.9/27

In: -0.042 ± 0.034 χ^2/NDF : 6.2/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.002 ± 0.022 χ^2/NDF : 19.9/27

asym_at2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 69.273+/-0.024 χ^2 /NDF: 1874409.3/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 56.375+/-0.021 χ^2 /NDF: 2998350.2/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

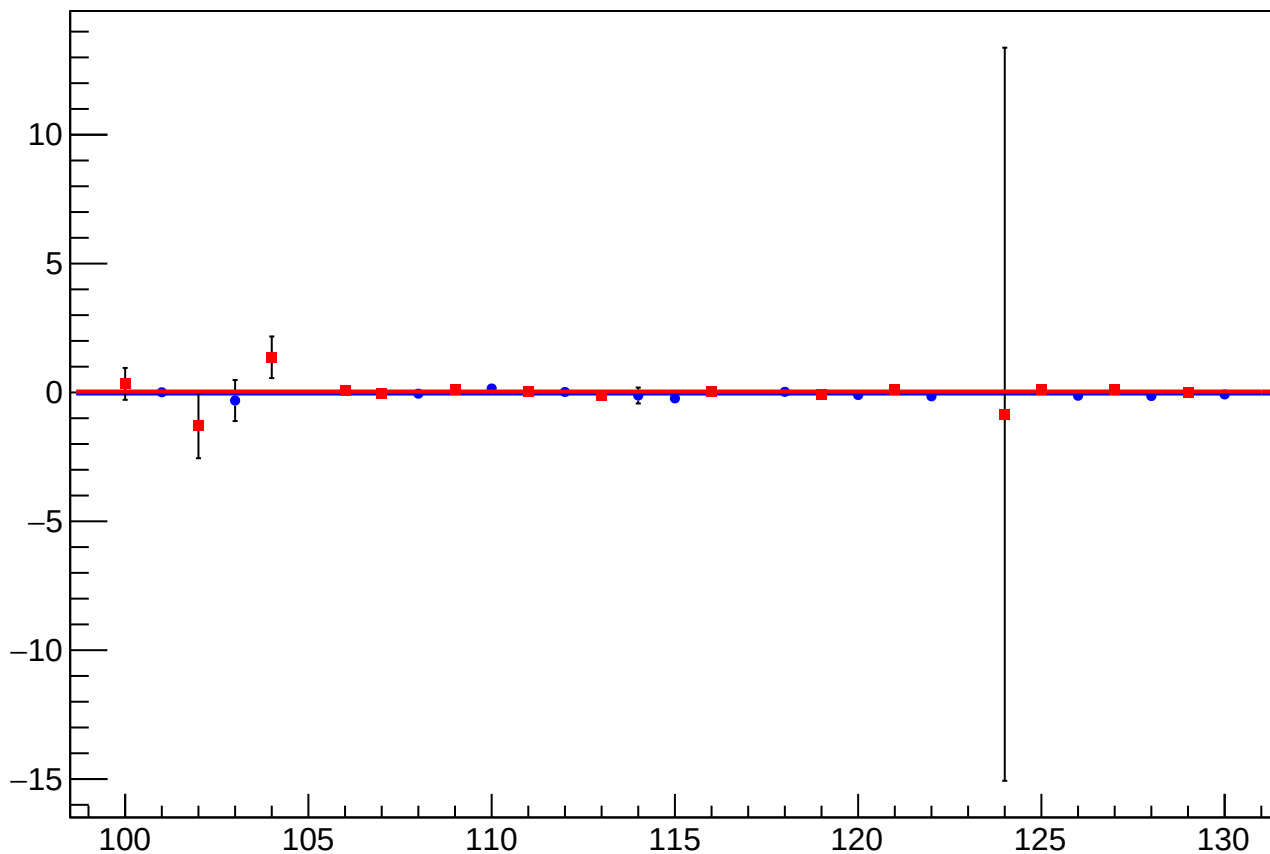
Right: 61.947+/-0.016 χ^2 /NDF: 5038592.5/27

In: 69.273+/-0.024 χ^2 /NDF:1874409.3/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 61.947+/-0.016 χ^2 /NDF: 5038592.5/27

asym_at2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.042 $\pm$ 0.034 χ^2 /NDF: 6.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.036 $\pm$ 0.029 χ^2 /NDF: 10.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

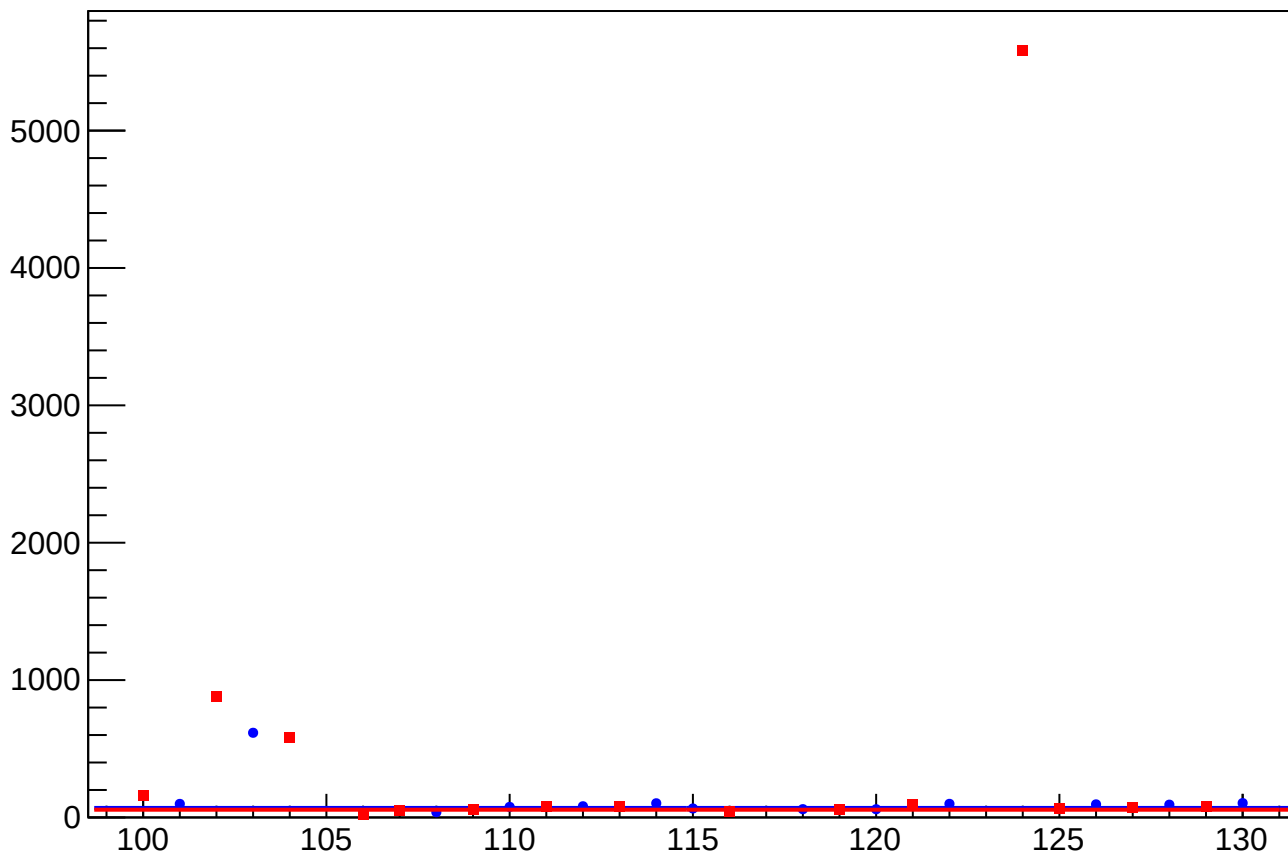
Right: 0.002 $\pm$ 0.022 χ^2 /NDF: 19.9/27

In: -0.042 $\pm$ 0.034 χ^2 /NDF:6.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.022 χ^2 /NDF: 19.9/27

asym_at2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 69.273+/-0.024 χ^2/NDF : 1874409.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.375+/-0.021 χ^2/NDF : 2998350.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

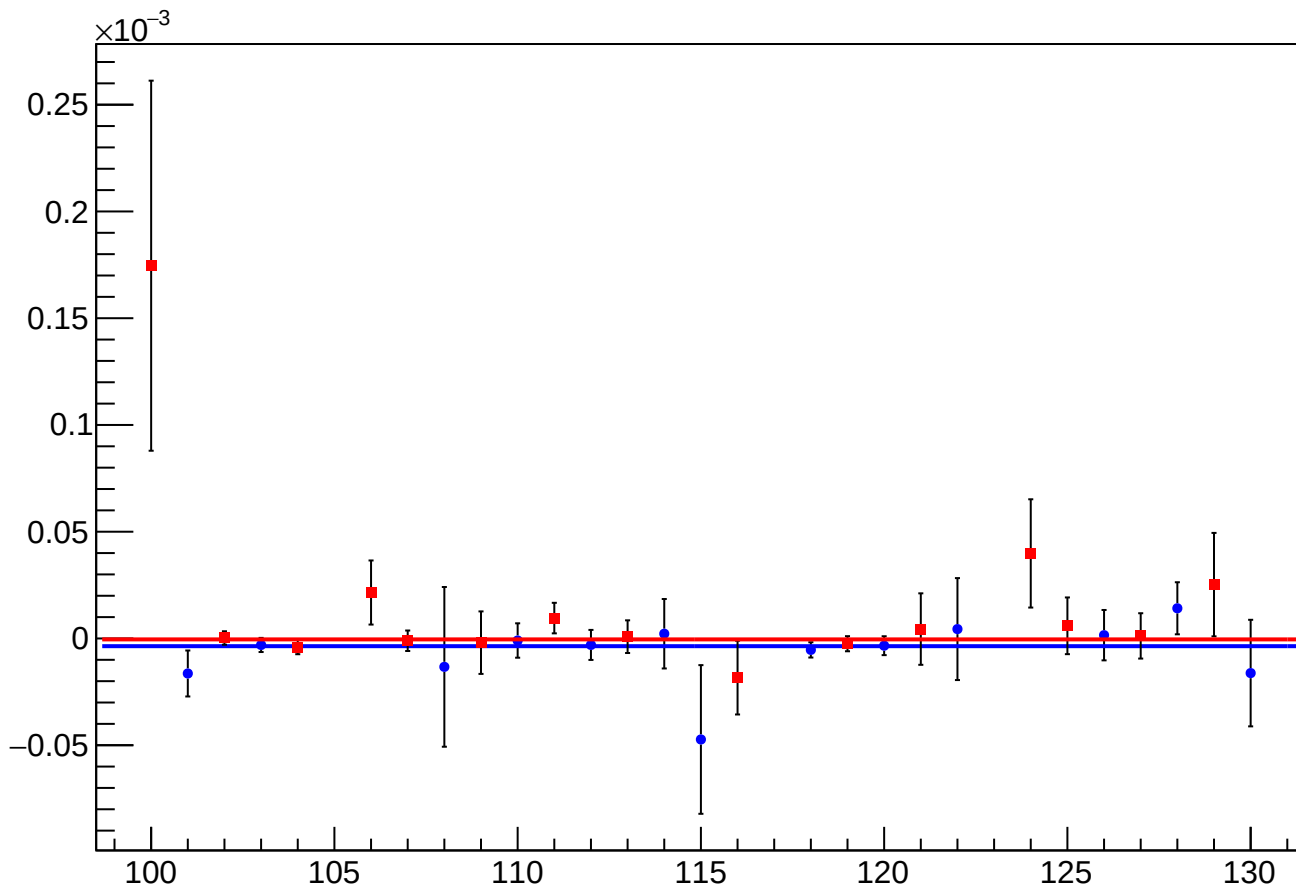
Right: 61.947+/-0.016 χ^2/NDF : 5038592.5/27

In: 69.273+/-0.024 χ^2/NDF : 1874409.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.947+/-0.016 χ^2/NDF : 5038592.5/27

asym_at2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 6.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 14.8/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

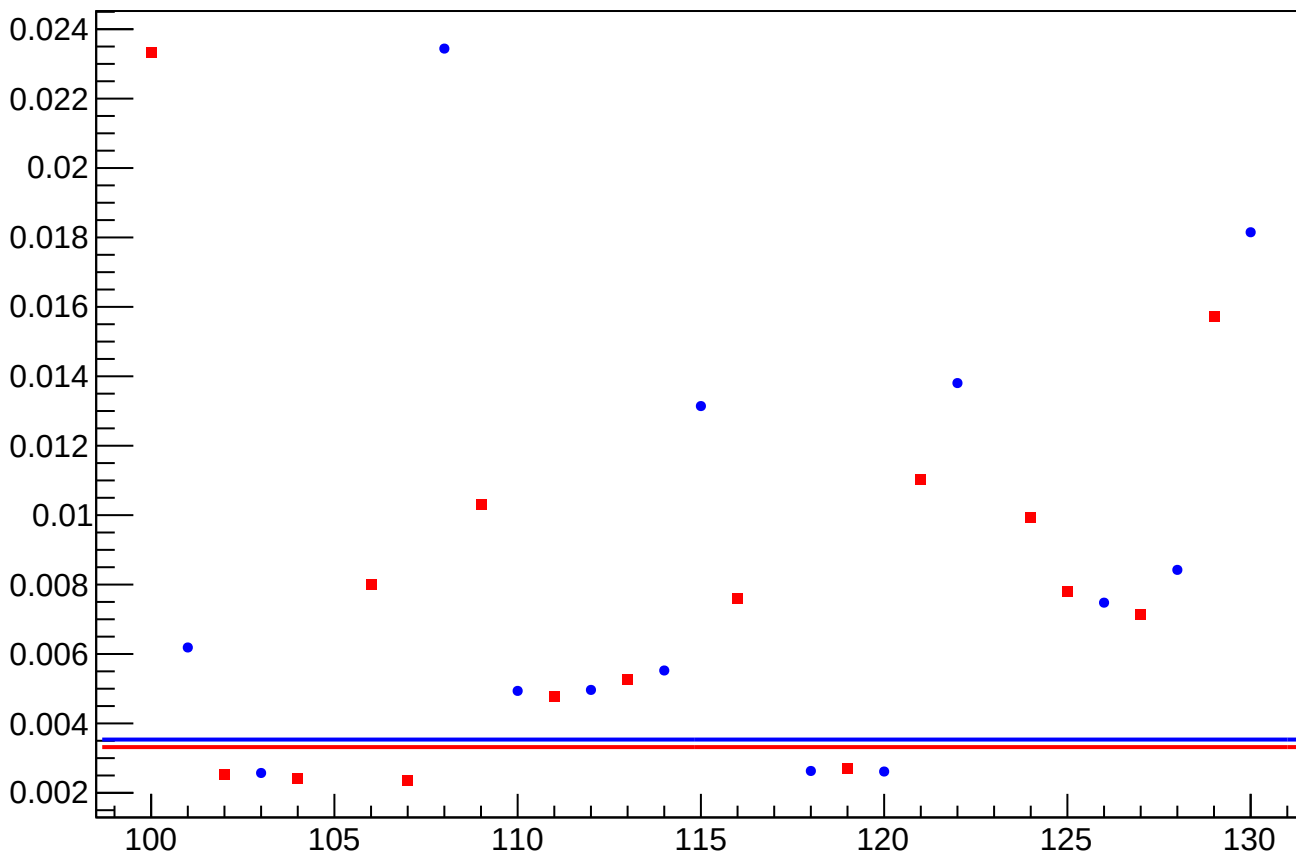
Right: -0.000+/-0.000 χ^2 /NDF: 22.7/27

In: -0.000+/-0.000 χ^2 /NDF:6.2/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 22.7/27

asym_at2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 2998483.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 3076729.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

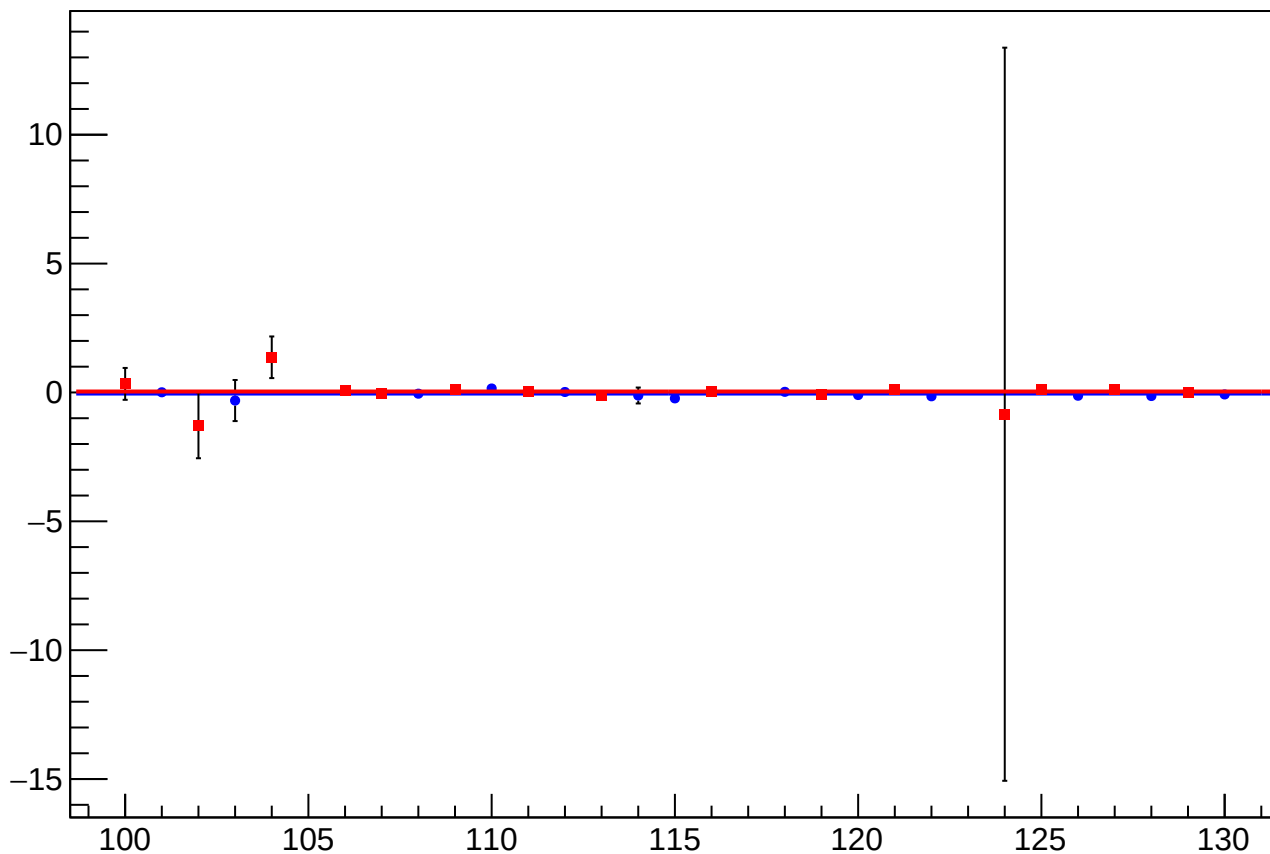
Right: 0.003+/-0.000 χ^2/NDF : 6090748.9/27

In: 0.004+/-0.000 χ^2/NDF :2998483.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 6090748.9/27

asym_at2_dd_eigen_dit_vs_Slug, Sign Corrected



Right In: -0.042 ± 0.034 χ^2/NDF : 6.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.036 ± 0.029 χ^2/NDF : 10.6/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

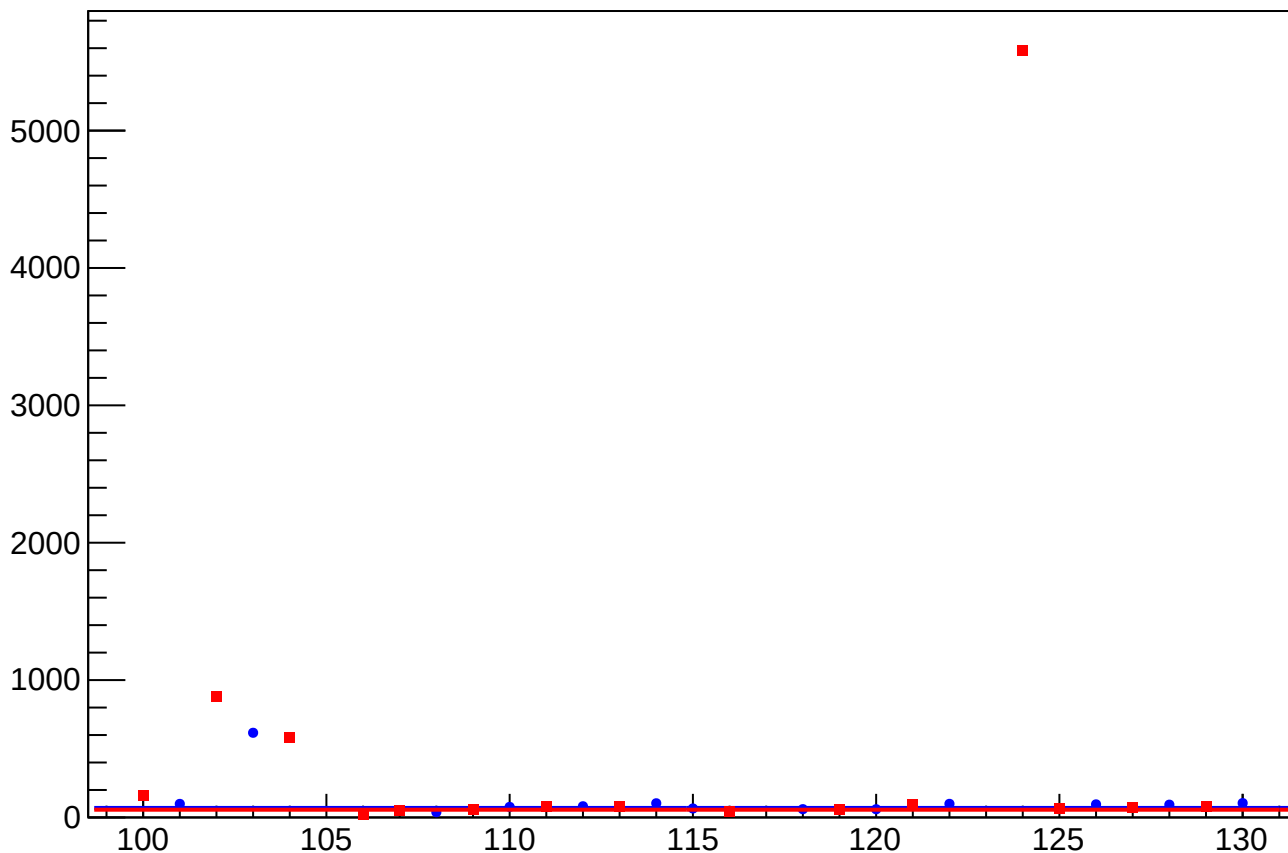
Right: 0.002 ± 0.022 χ^2/NDF : 19.9/27

In: -0.042 ± 0.034 χ^2/NDF : 6.2/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.002 ± 0.022 χ^2/NDF : 19.9/27

asym_at2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 69.284+/-0.024 χ^2/NDF : 1873491.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.369+/-0.021 χ^2/NDF : 2998856.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

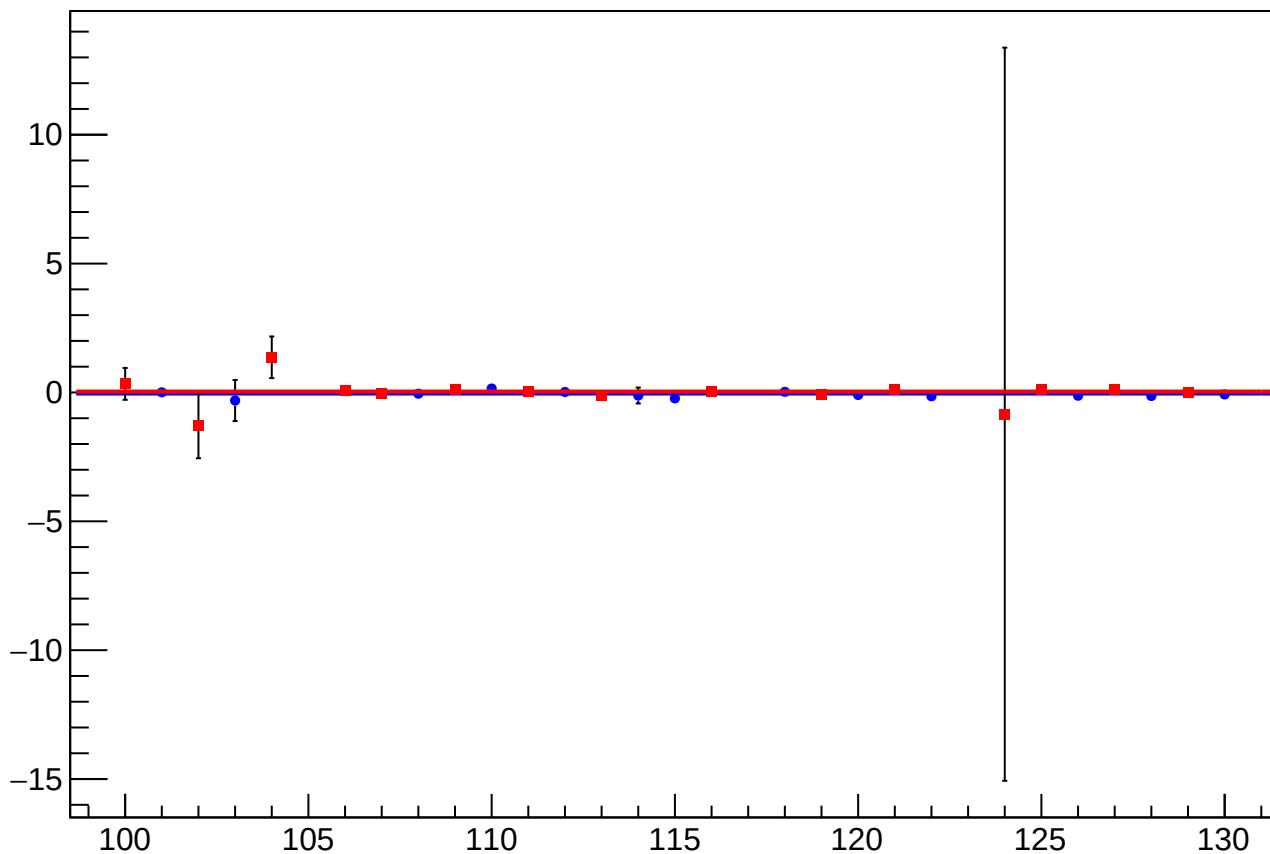
Right: 61.947+/-0.016 χ^2/NDF : 5038619.9/27

In: 69.284+/-0.024 χ^2/NDF : 1873491.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.947+/-0.016 χ^2/NDF : 5038619.9/27

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.042 $\pm$ 0.034 χ^2 /NDF: 6.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.036 $\pm$ 0.029 χ^2 /NDF: 10.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

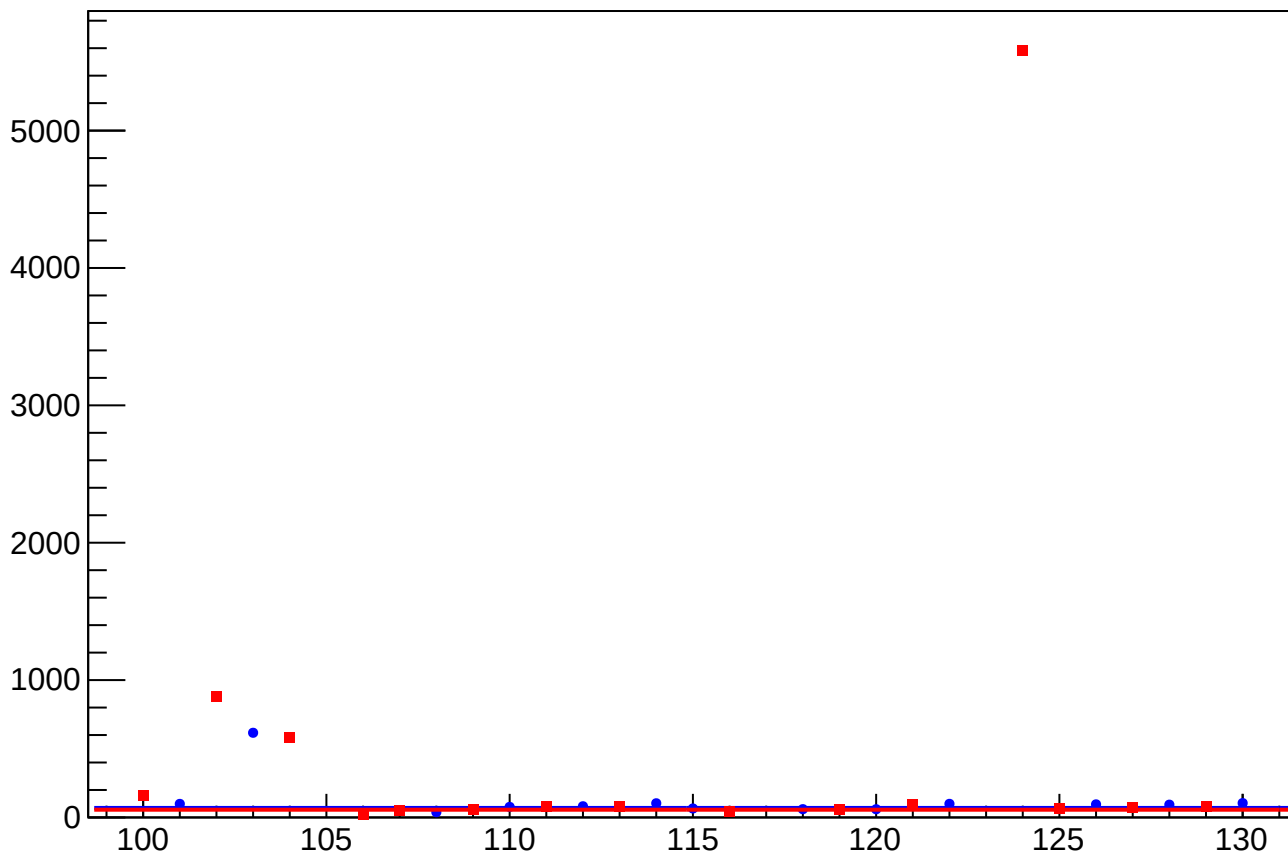
Right: 0.002 $\pm$ 0.022 χ^2 /NDF: 19.9/27

In: -0.042 $\pm$ 0.034 χ^2 /NDF:6.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.022 χ^2 /NDF: 19.9/27

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 69.284+/-0.024 χ^2/NDF : 1873491.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.369+/-0.021 χ^2/NDF : 2998856.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

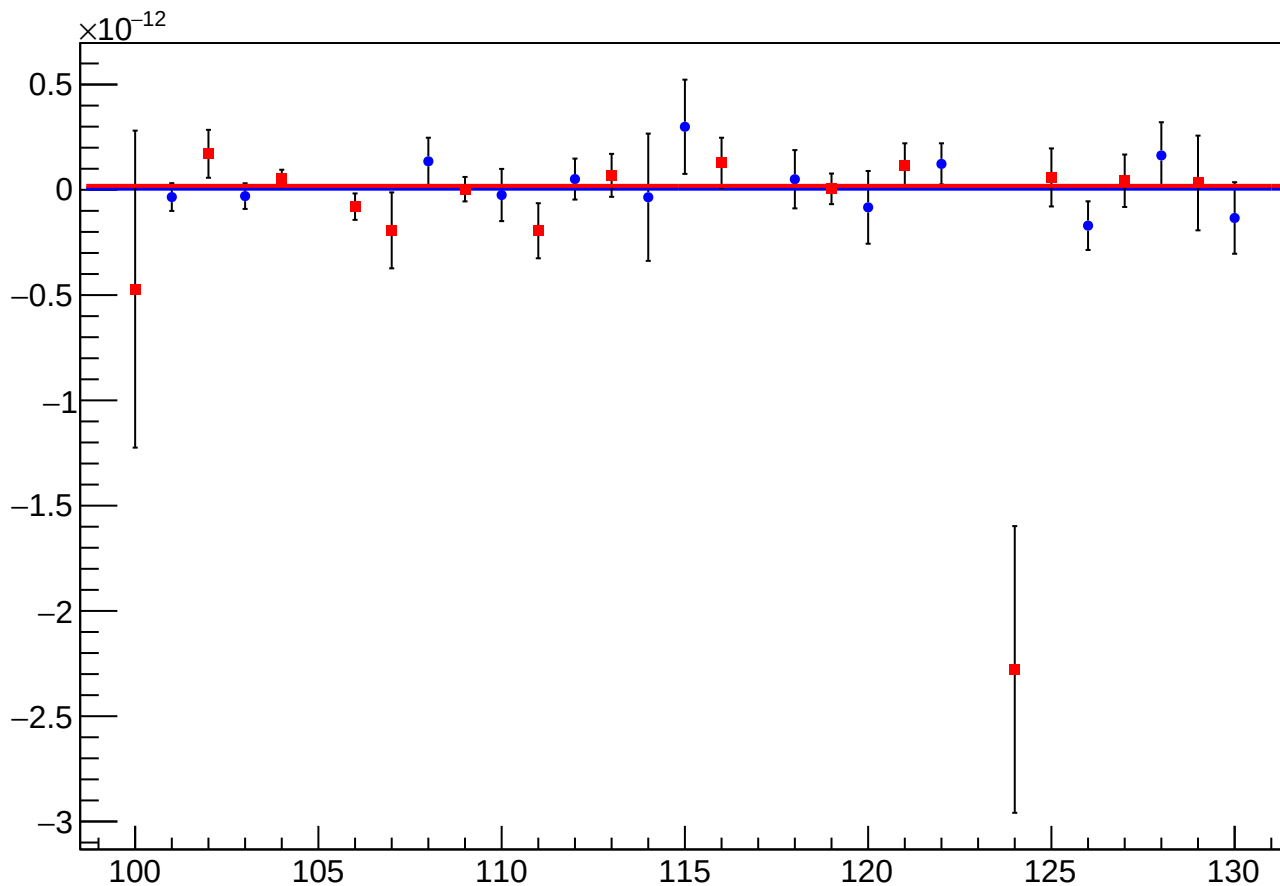
Right: 61.947+/-0.016 χ^2/NDF : 5038619.9/27

In: 69.284+/-0.024 χ^2/NDF : 1873491.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.947+/-0.016 χ^2/NDF : 5038619.9/27

asym_at2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 23.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

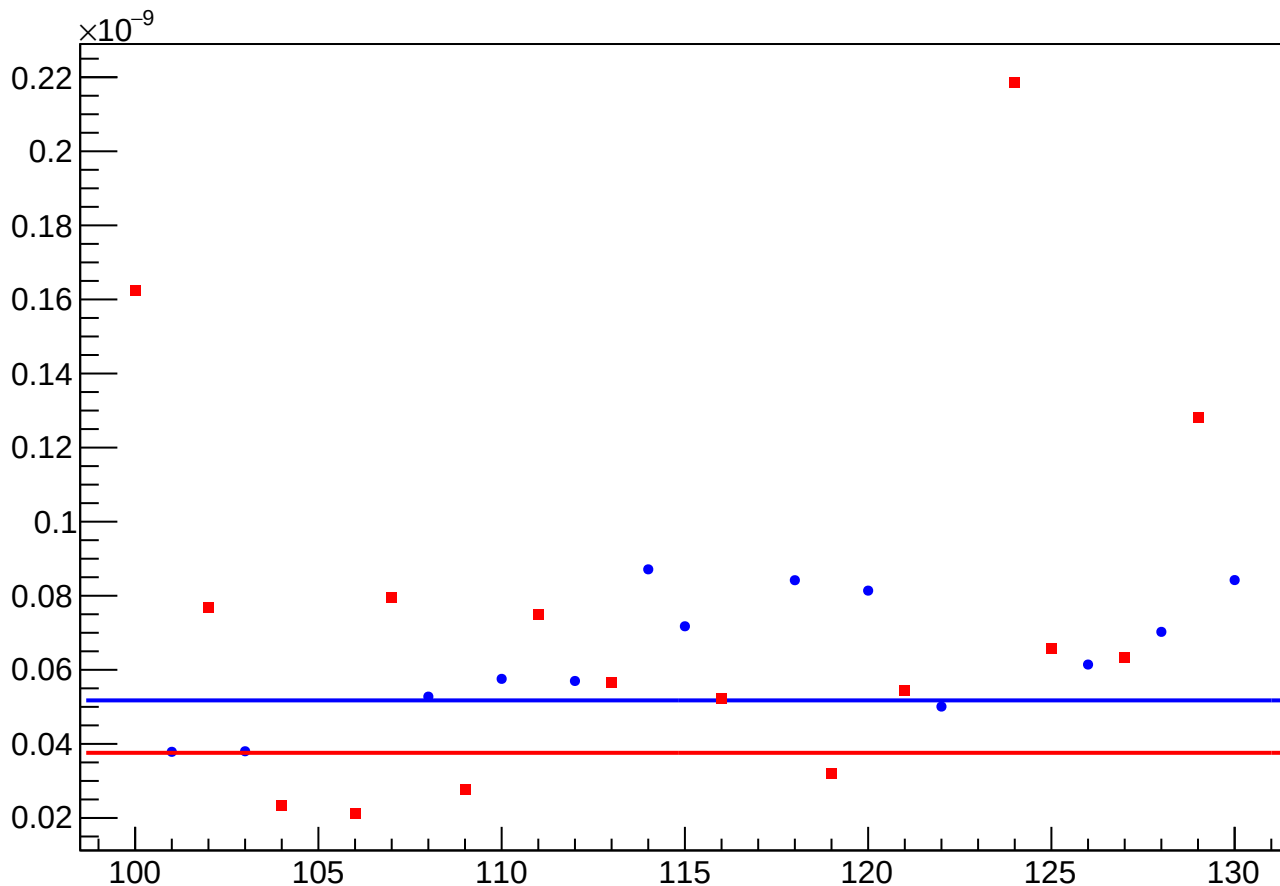
Right: 0.000+/-0.000 χ^2/NDF : 33.0/27

In: 0.000+/-0.000 χ^2/NDF : 9.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.0/27

asym_at2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 528725.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1793544.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

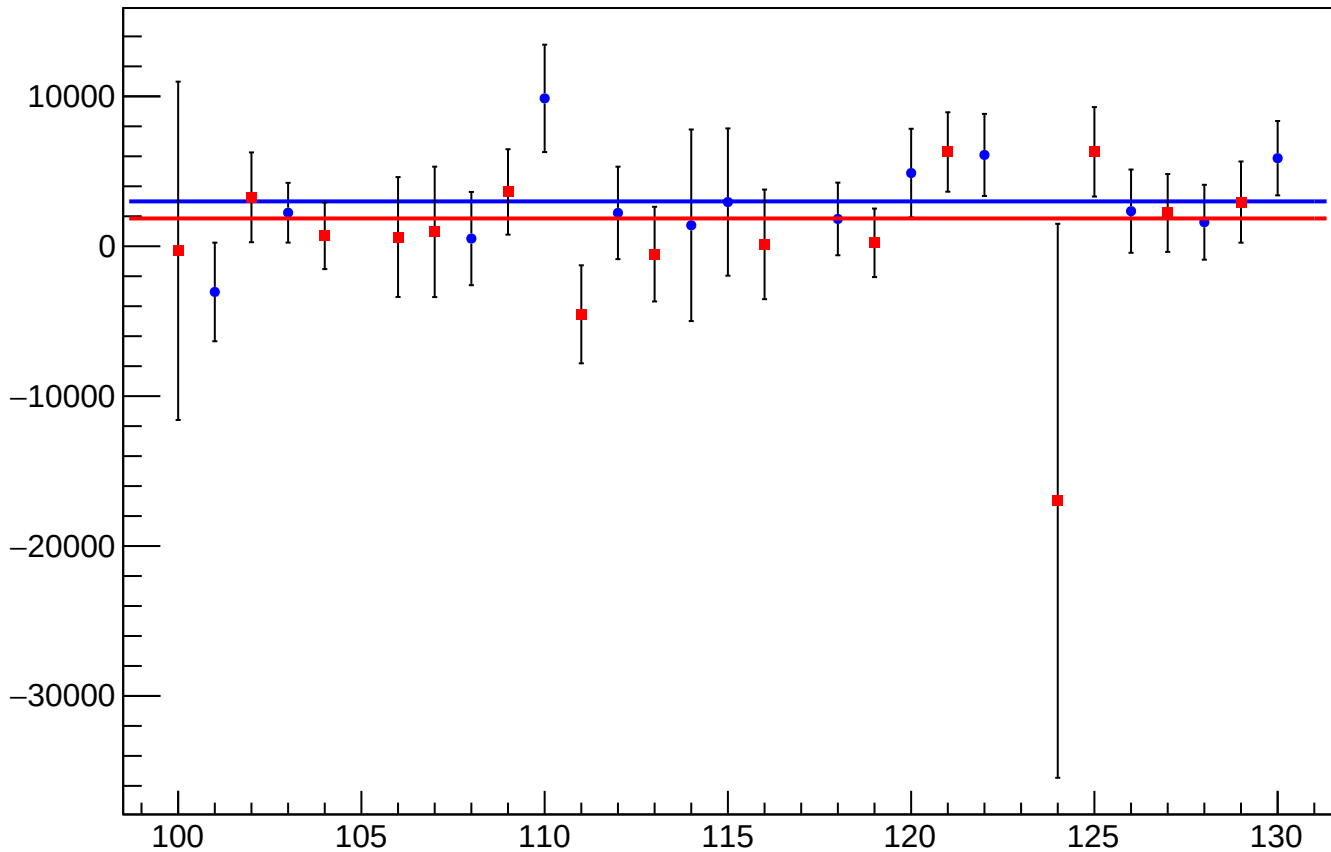
Right: 0.000+/-0.000 χ^2/NDF : 2603885.9/27

In: 0.000+/-0.000 χ^2/NDF : 528725.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2603885.9/27

reg_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2992.754 $\pm$ 798.795 χ^2 /NDF: 11.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1854.519 $\pm$ 799.897 χ^2 /NDF: 12.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

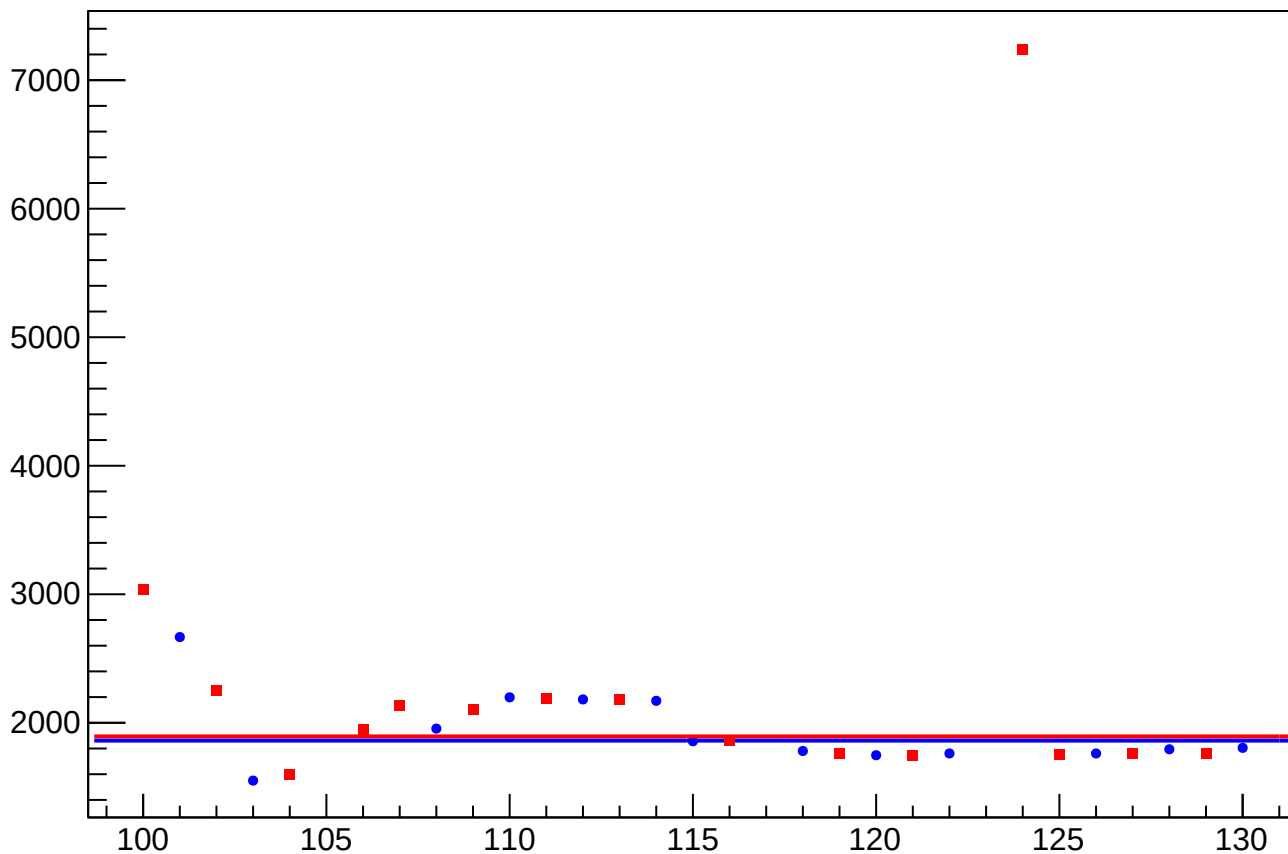
Right: 2424.421 $\pm$ 565.223 χ^2 /NDF: 25.0/27

In: 2992.754 $\pm$ 798.795 χ^2 /NDF:11.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2424.421 $\pm$ 565.223 χ^2 /NDF: 25.0/27

reg_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1861.497+/-0.565 χ^2/NDF : 227429.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1894.080+/-0.564 χ^2/NDF : 328848.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

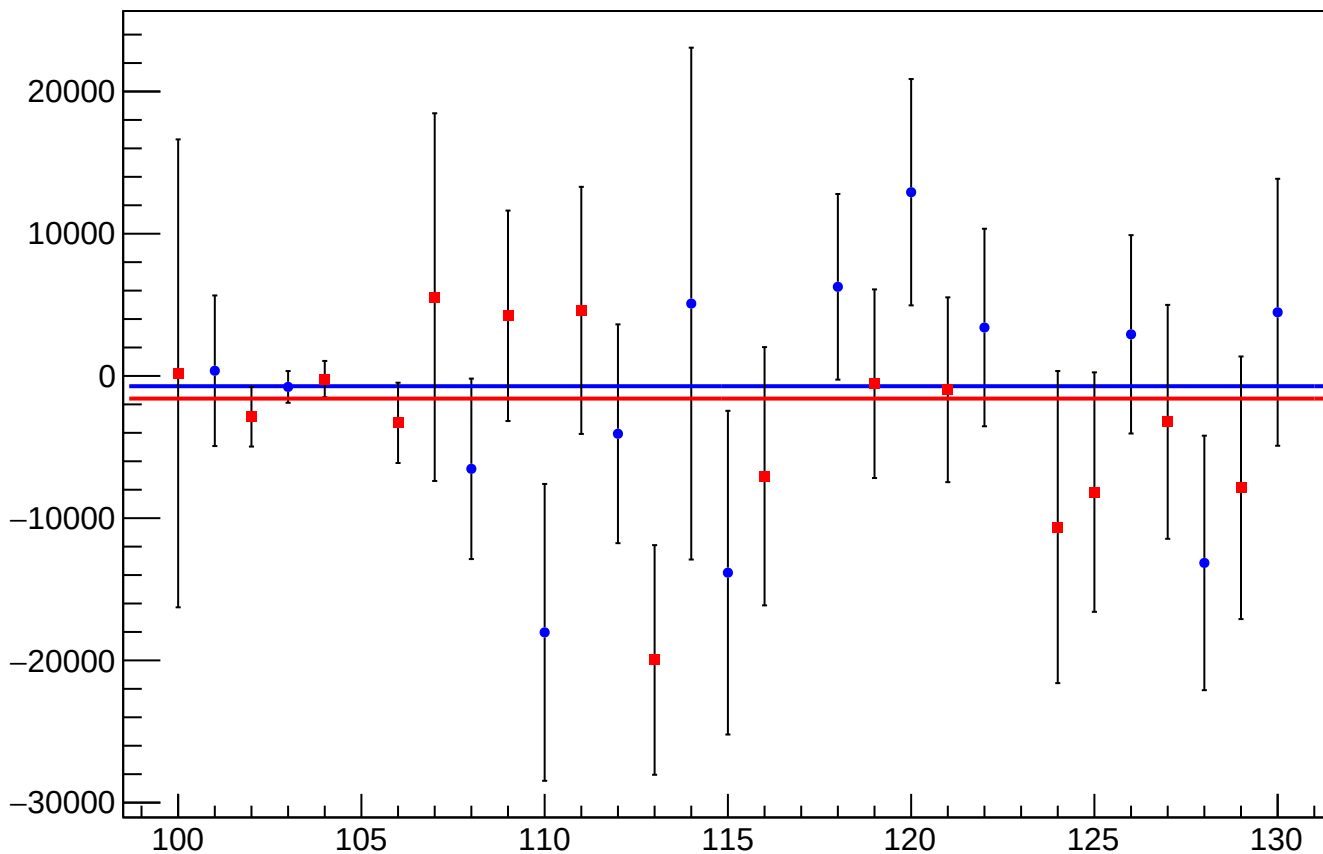
Right: 1877.814+/-0.399 χ^2/NDF : 557944.4/27

In: 1861.497+/-0.565 χ^2/NDF : 227429.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1877.814+/-0.399 χ^2/NDF : 557944.4/27

asym_atl1r2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -721.472+/-996.486 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1591.073+/-940.020 χ^2/NDF : 10.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

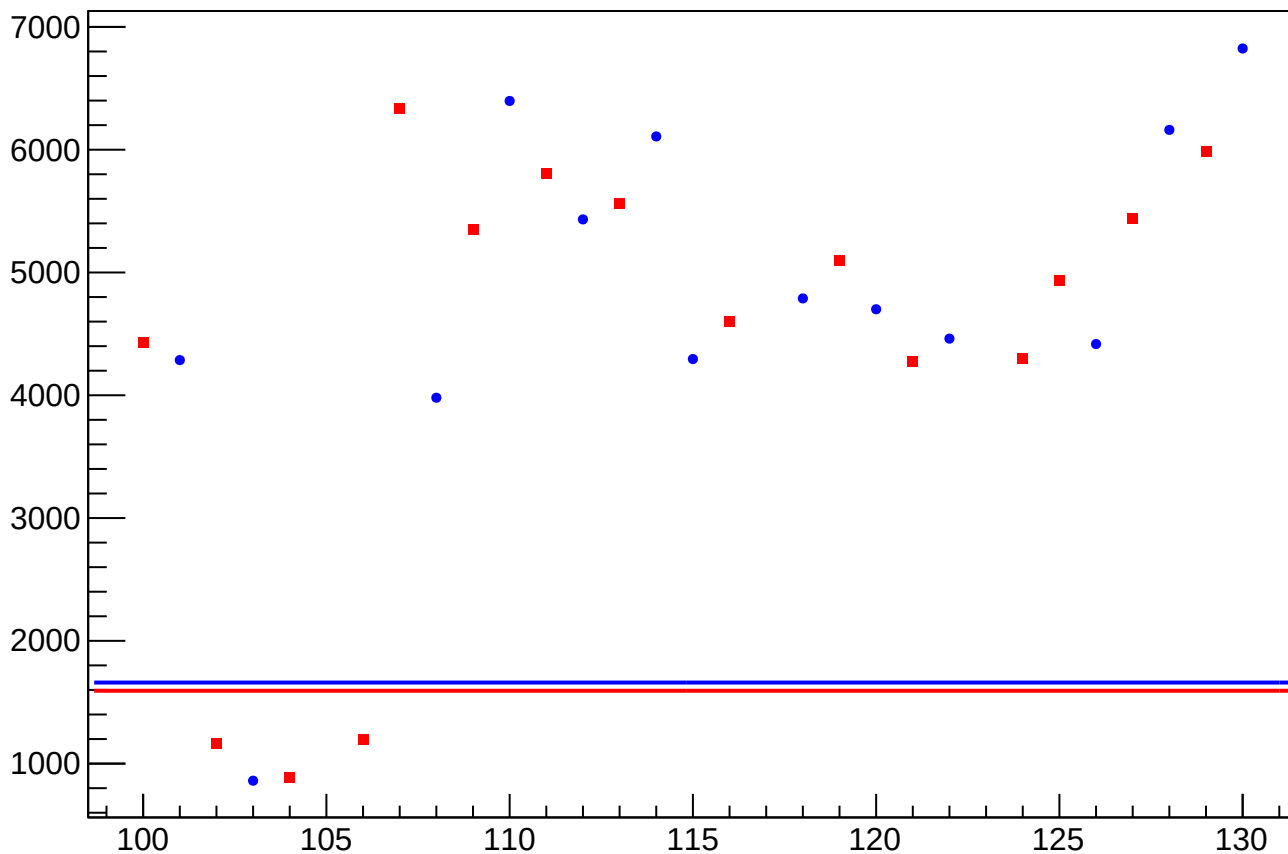
Right: -1181.608+/-683.786 χ^2/NDF : 23.3/27

In: -721.472+/-996.486 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1181.608+/-683.786 χ^2/NDF : 23.3/27

asym_atl1r2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1660.305+/-0.705 χ^2/NDF : 5412176.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1593.531+/-0.665 χ^2/NDF : 4980567.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

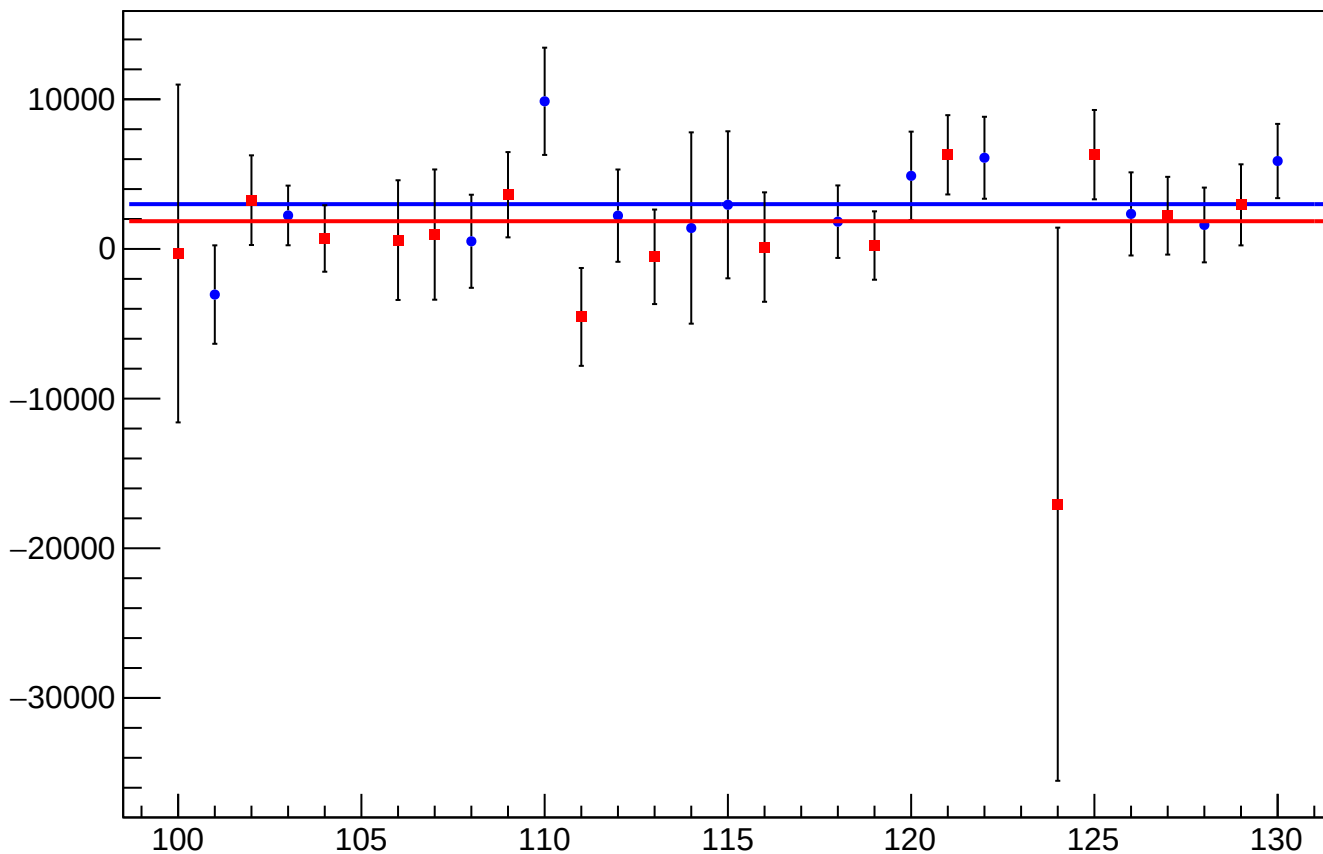
Right: 1624.972+/-0.484 χ^2/NDF : 10397496.2/27

In: 1660.305+/-0.705 χ^2/NDF :5412176.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1624.972+/-0.484 χ^2/NDF : 10397496.2/27

cor_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2992.897+/-798.795 χ^2/NDF : 11.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1852.807+/-799.898 χ^2/NDF : 12.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

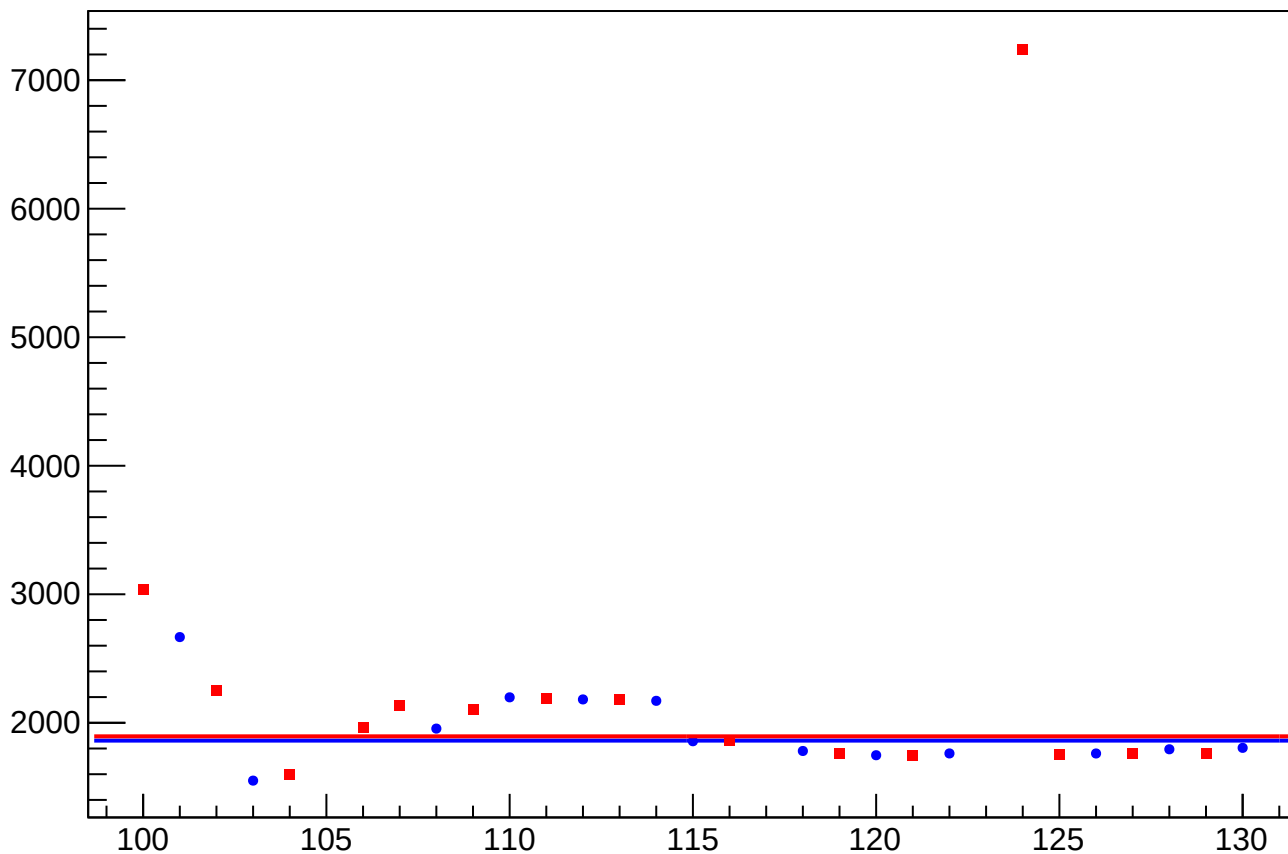
Right: 2423.639+/-565.223 χ^2/NDF : 25.0/27

In: 2992.897+/-798.795 χ^2/NDF : 11.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2423.639+/-565.223 χ^2/NDF : 25.0/27

cor_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1861.497 $\pm$ 0.565 χ^2/NDF : 227429.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1894.668 $\pm$ 0.564 χ^2/NDF : 329080.0/14

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

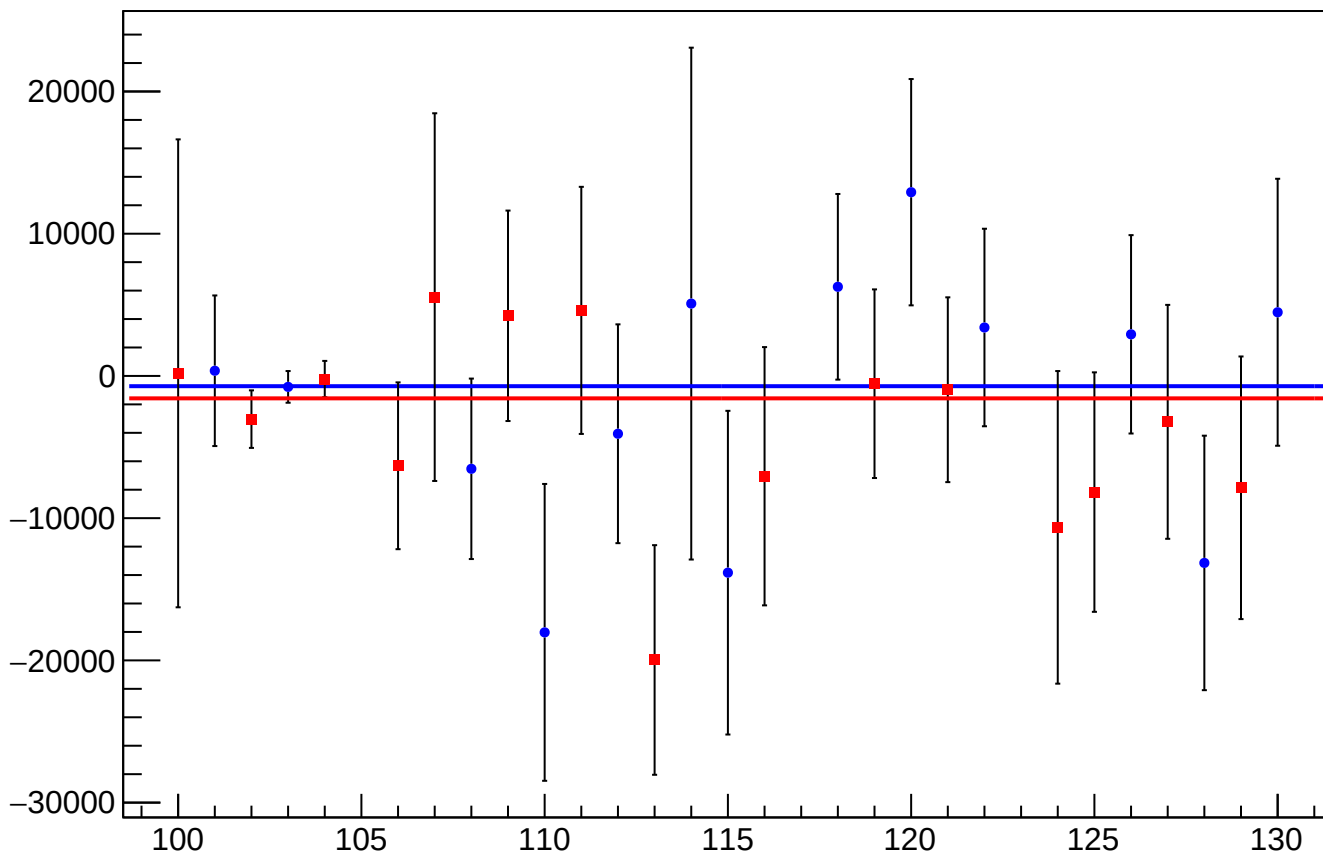
Right: 1878.104 $\pm$ 0.399 χ^2/NDF : 558236.1/27

In: 1861.497 $\pm$ 0.565 χ^2/NDF : 227429.5/12

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1878.104 $\pm$ 0.399 χ^2/NDF : 558236.1/27

asym_atl1r2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -720.968+/-996.427 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1576.572+/-974.970 χ^2/NDF : 11.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

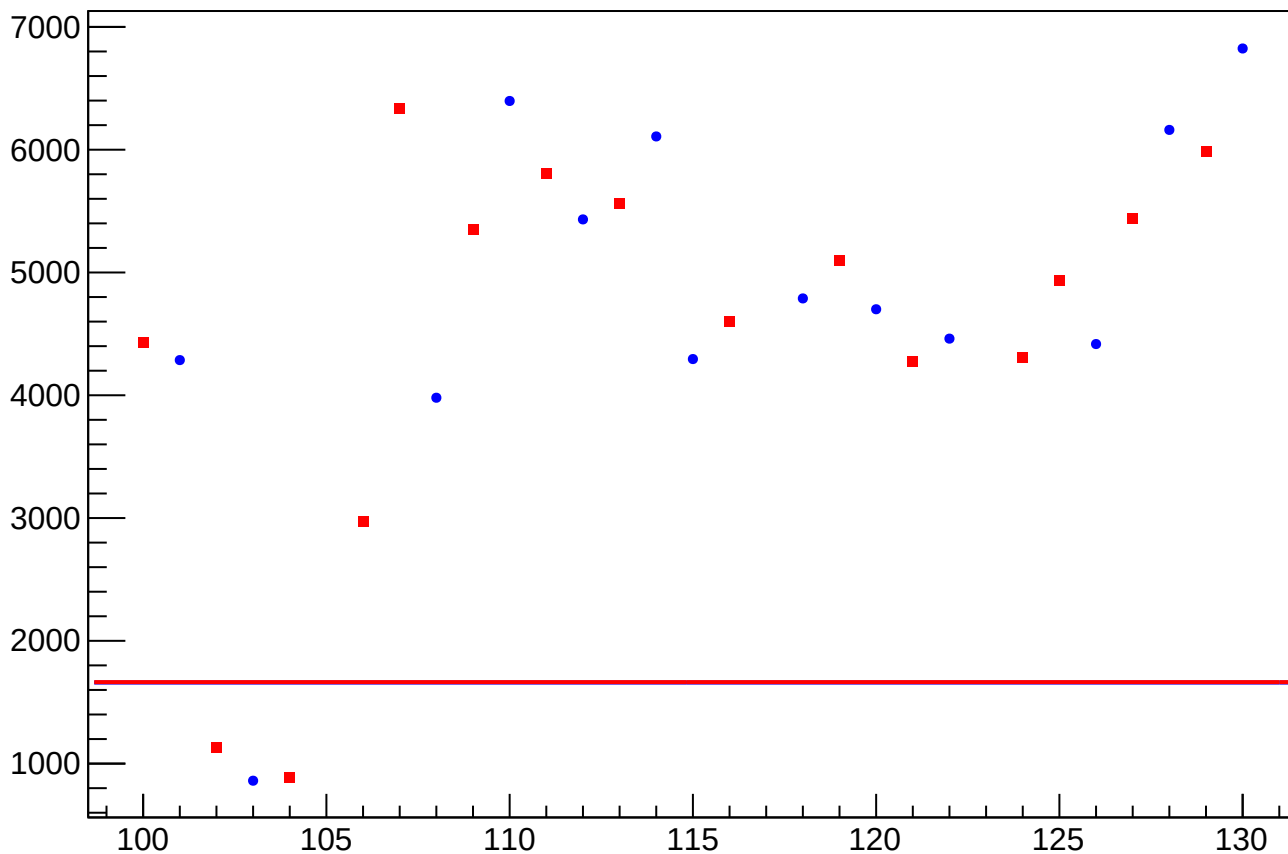
Right: -1158.081+/-696.870 χ^2/NDF : 23.7/27

In: -720.968+/-996.427 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1158.081+/-696.870 χ^2/NDF : 23.7/27

asym_atl1r2_avg_cor_correction_rms vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 1661.974+/-0.493 χ^2/NDF : 10475158.9/27

In: 1660.165+/-0.705 χ^2/NDF : 5412476.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1661.974+/-0.493 χ^2/NDF : 10475158.9/27

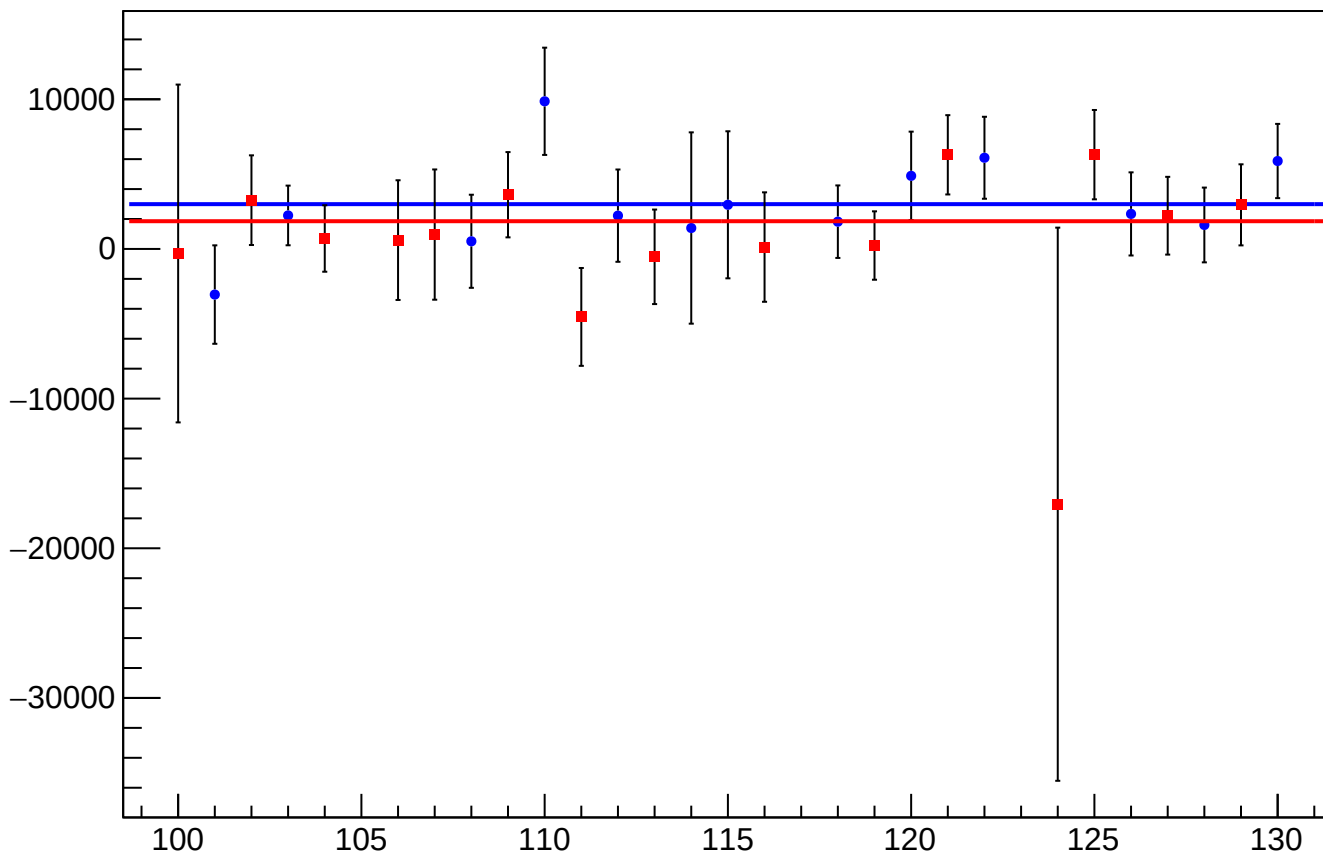
Right In: 1660.165+/-0.705 χ^2/NDF : 5412476.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1663.706+/-0.689 χ^2/NDF : 5062669.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2992.897 $\pm$ 798.795 χ^2 /NDF: 11.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1852.807 $\pm$ 799.898 χ^2 /NDF: 12.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

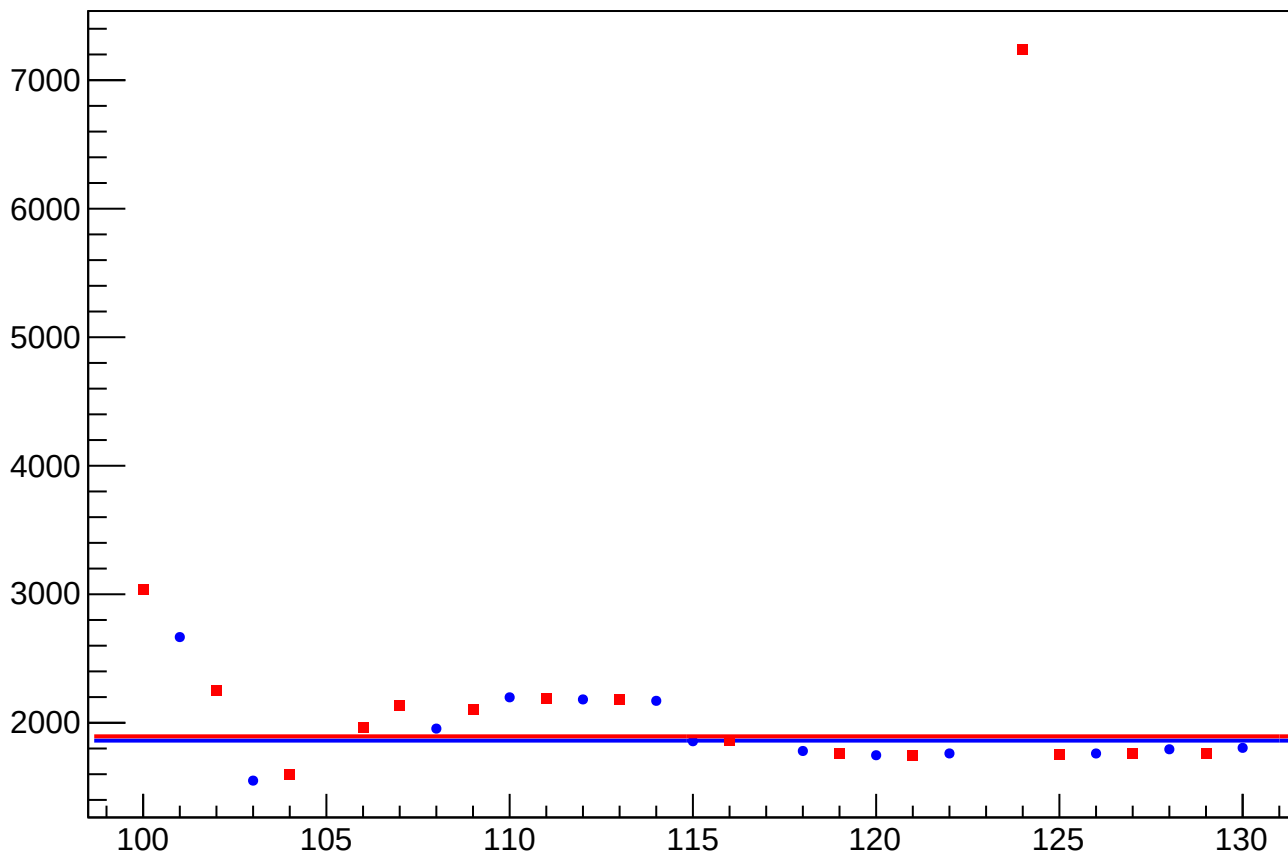
Right: 2423.639 $\pm$ 565.223 χ^2 /NDF: 25.0/27

In: 2992.897 $\pm$ 798.795 χ^2 /NDF:11.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2423.639 $\pm$ 565.223 χ^2 /NDF: 25.0/27

eigen_cor_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1861.497+/-0.565 χ^2/NDF : 227429.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1894.668+/-0.564 χ^2/NDF : 329080.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

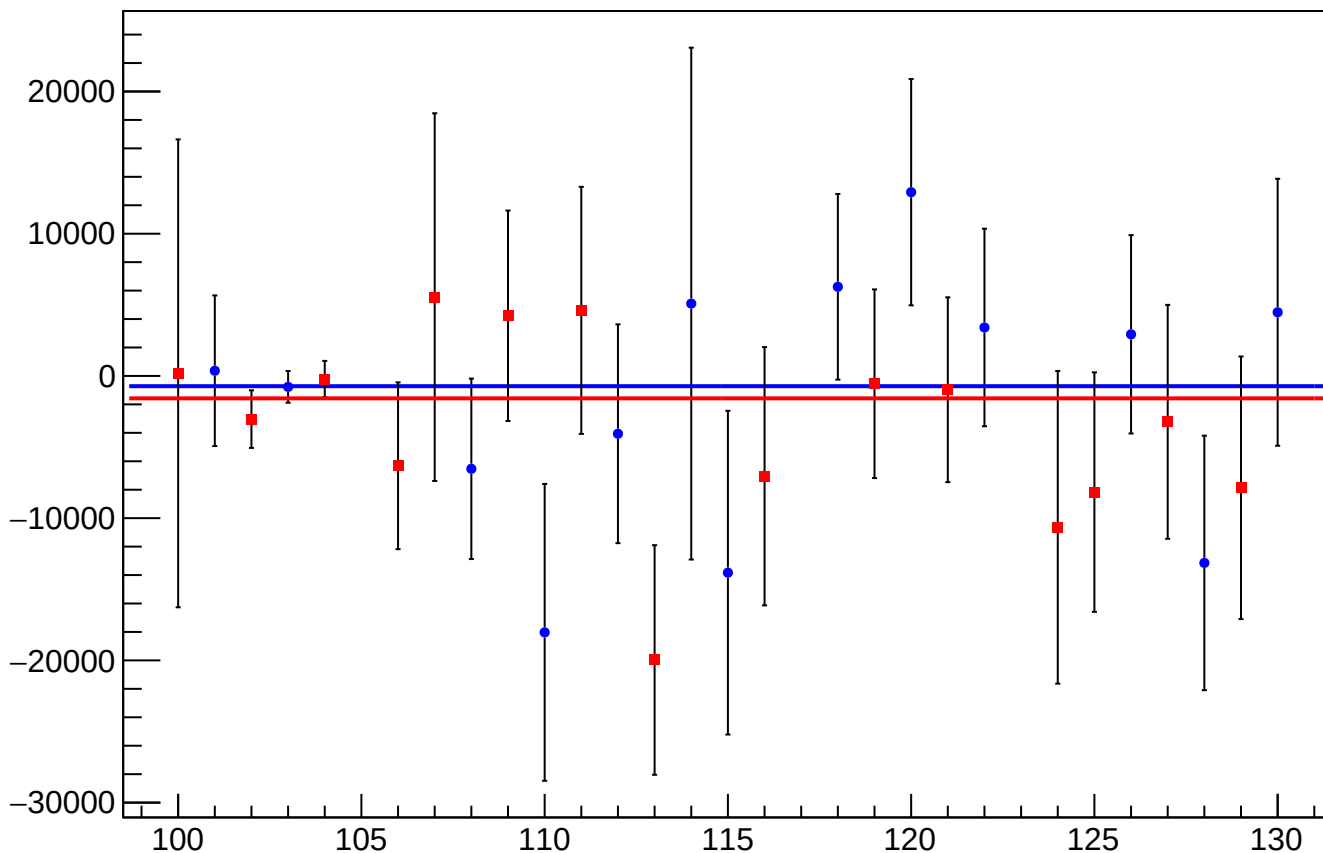
Right: 1878.104+/-0.399 χ^2/NDF : 558236.1/27

In: 1861.497+/-0.565 χ^2/NDF : 227429.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1878.104+/-0.399 χ^2/NDF : 558236.1/27

asym_atl1r2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -720.968+/-996.427 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1576.572+/-974.970 χ^2/NDF : 11.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

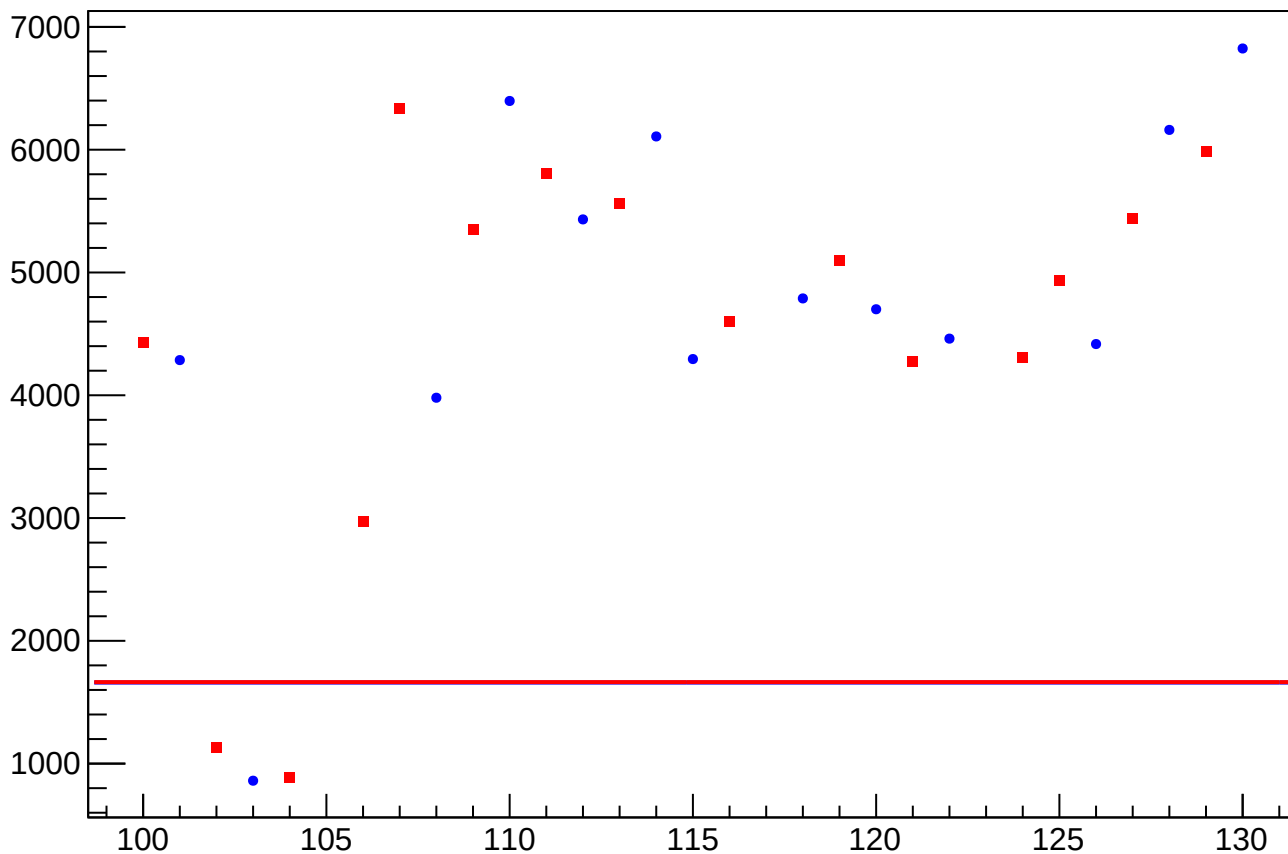
Right: -1158.081+/-696.870 χ^2/NDF : 23.7/27

In: -720.968+/-996.427 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1158.081+/-696.870 χ^2/NDF : 23.7/27

asym_atl1r2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 1661.974+/-0.493 χ^2/NDF : 10475158.9/27

In: 1660.165+/-0.705 χ^2/NDF : 5412476.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1661.974+/-0.493 χ^2/NDF : 10475158.9/27

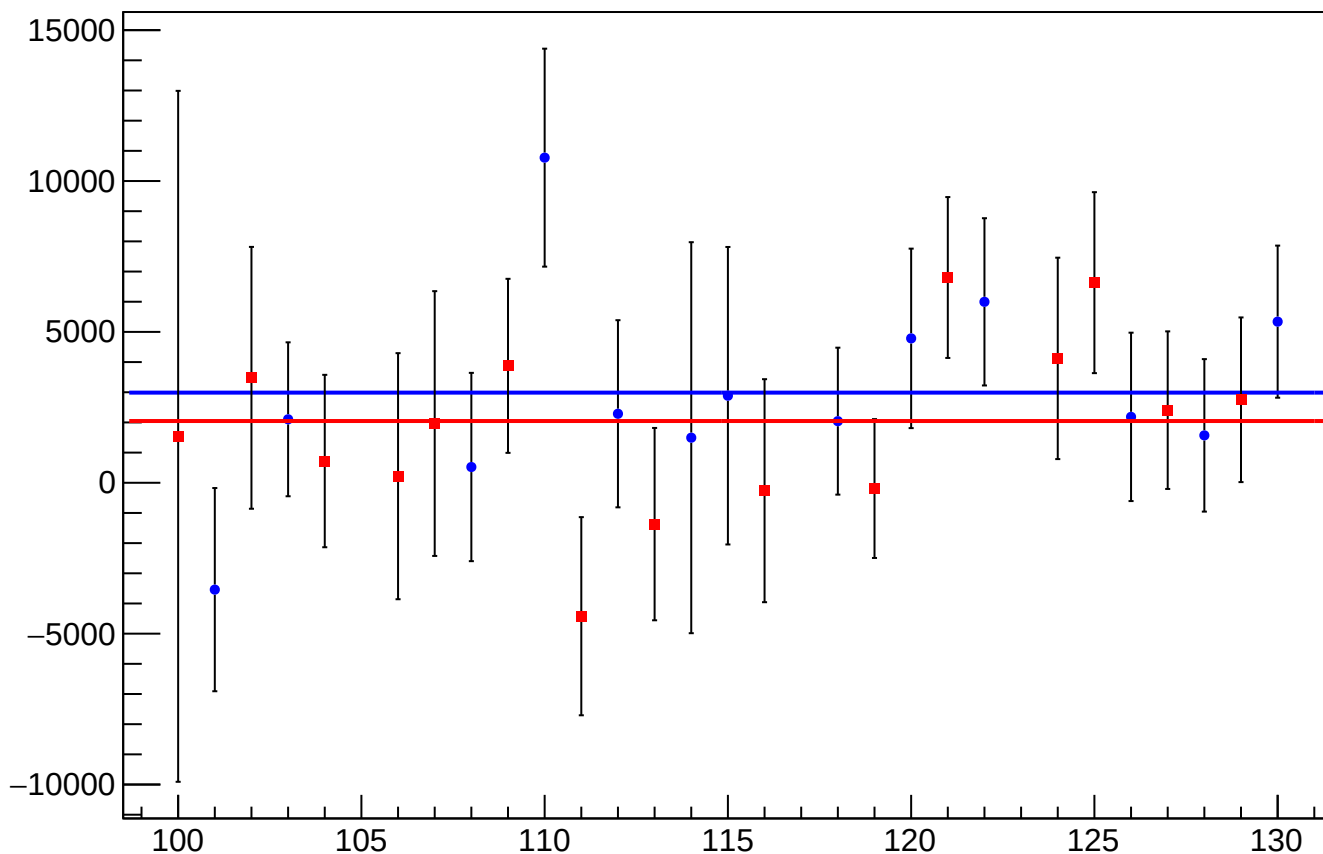
Right In: 1660.165+/-0.705 χ^2/NDF : 5412476.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1663.706+/-0.689 χ^2/NDF : 5062669.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2987.775+/-831.979 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2046.545+/-818.774 χ^2/NDF : 13.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

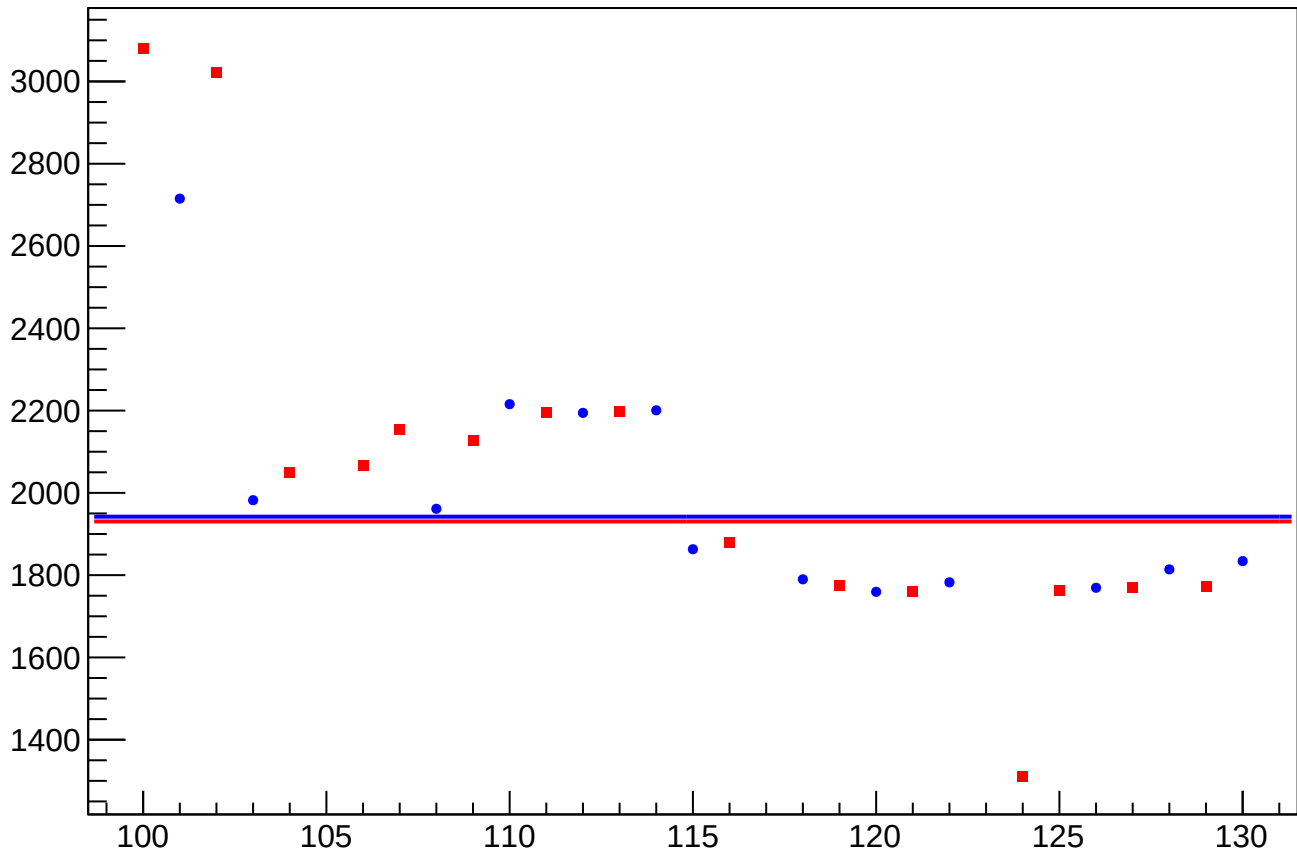
Right: 2509.631+/-583.573 χ^2/NDF : 26.2/27

In: 2987.775+/-831.979 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2509.631+/-583.573 χ^2/NDF : 26.2/27

dit_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1942.162+/-0.588 χ^2/NDF : 172867.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1930.545+/-0.578 χ^2/NDF : 301357.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

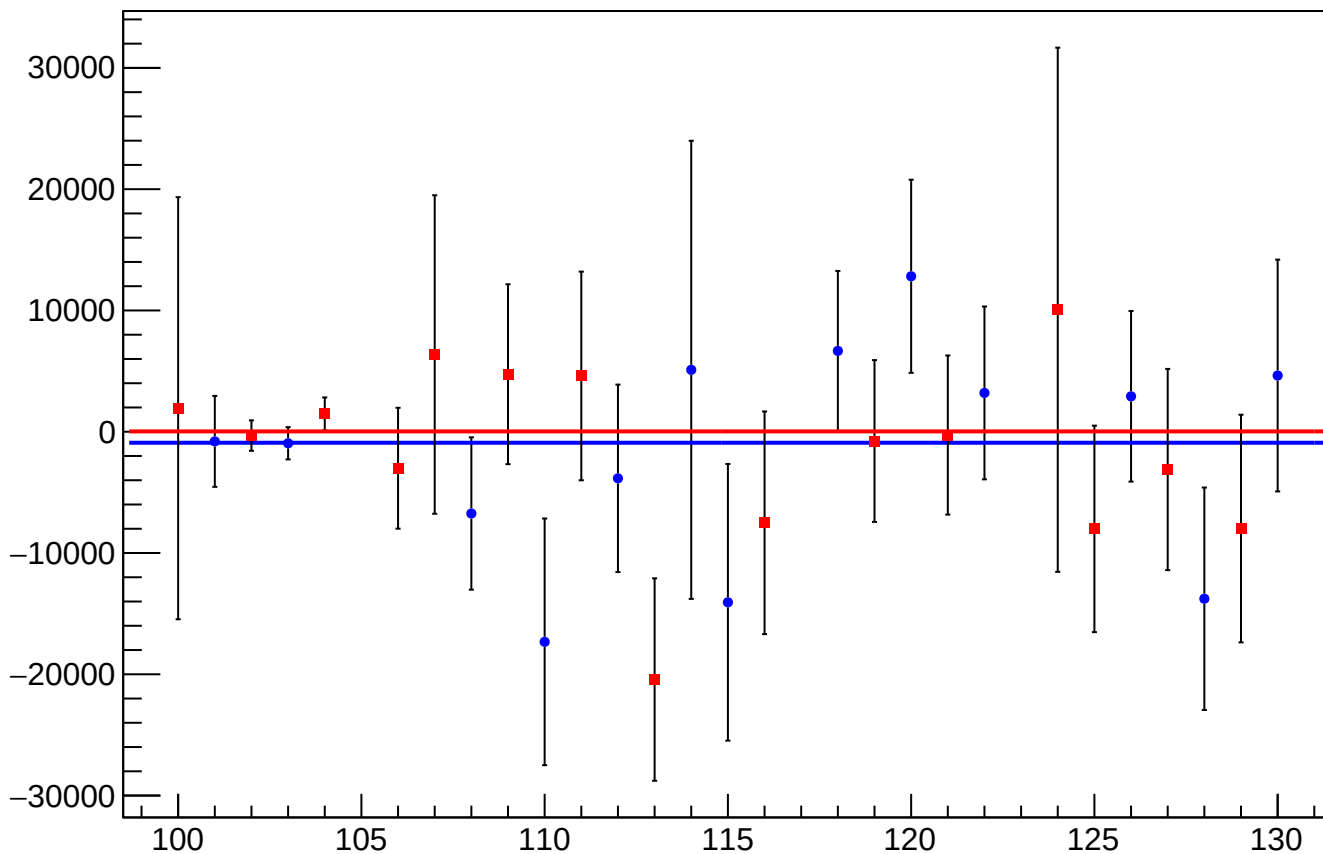
Right: 1936.254+/-0.412 χ^2/NDF : 474422.7/27

In: 1942.162+/-0.588 χ^2/NDF : 172867.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1936.254+/-0.412 χ^2/NDF : 474422.7/27

asym_atl1r2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -908.593+/-1118.117 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.830+/-853.465 χ^2/NDF : 11.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

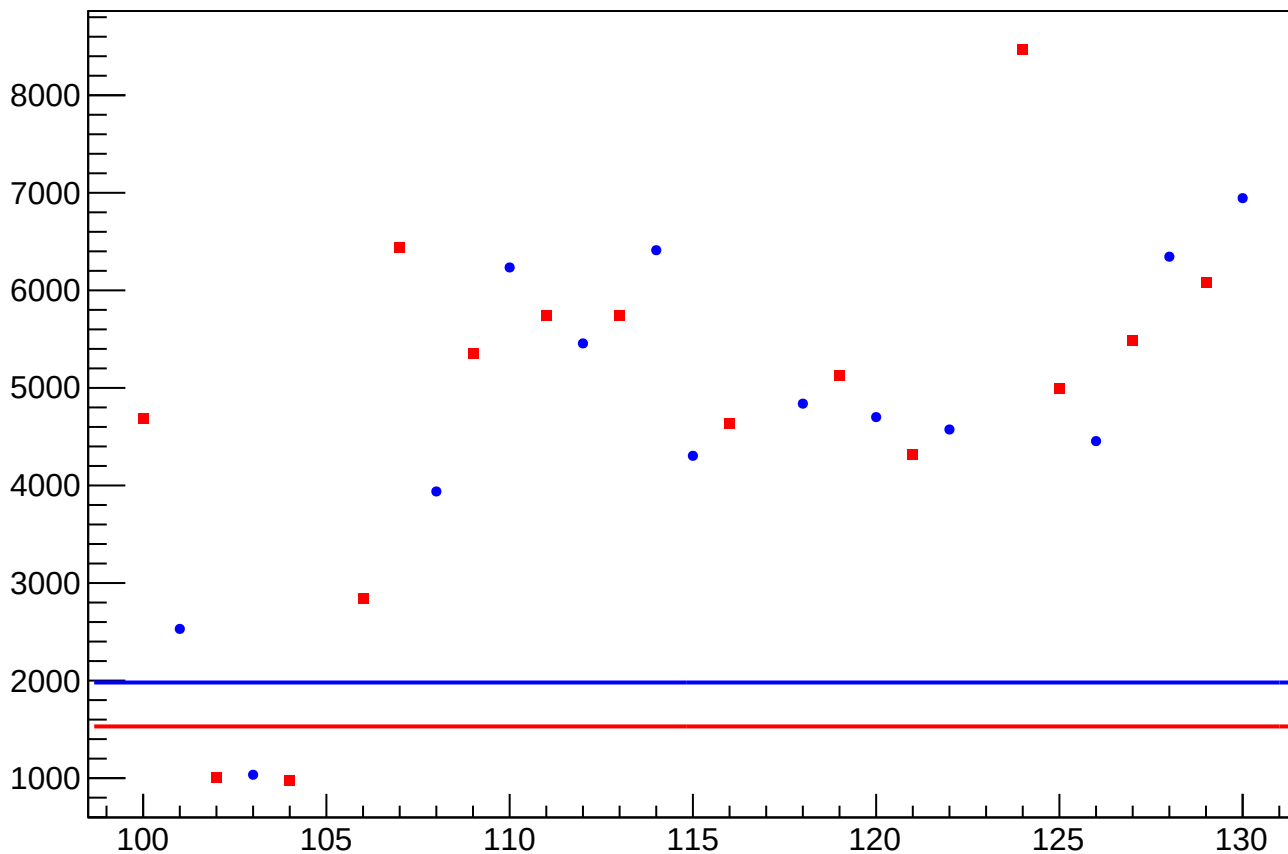
Right: -317.539+/-678.415 χ^2/NDF : 23.9/27

In: -908.593+/-1118.117 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -317.539+/-678.415 χ^2/NDF : 23.9/27

asym_atl1r2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1980.438+/-0.791 χ^2/NDF : 4309632.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1530.061+/-0.603 χ^2/NDF : 5320708.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

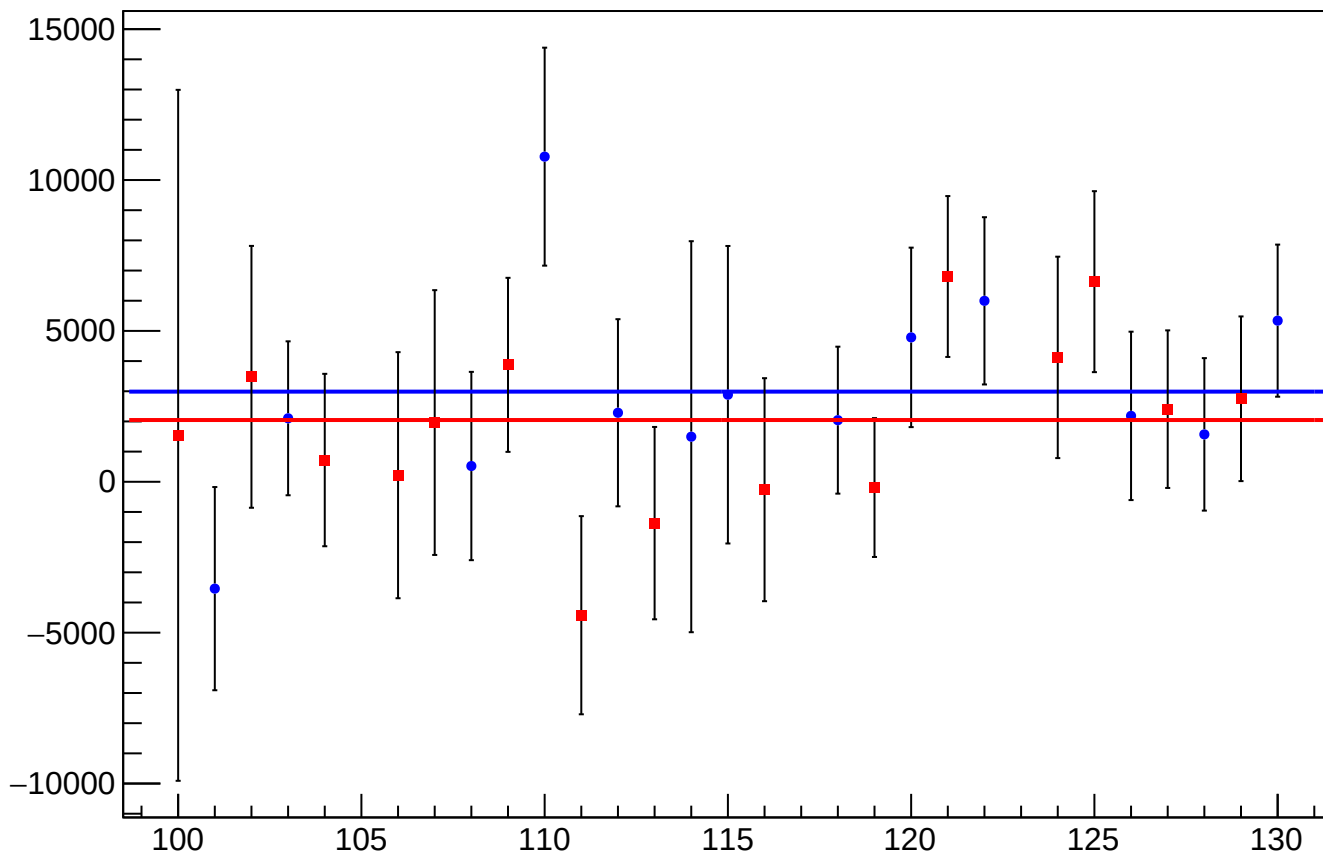
Right: 1695.864+/-0.480 χ^2/NDF : 9835374.6/27

In: 1980.438+/-0.791 χ^2/NDF : 4309632.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1695.864+/-0.480 χ^2/NDF : 9835374.6/27

eigen_dit_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2987.773+/-831.978 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2046.552+/-818.774 χ^2/NDF : 13.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

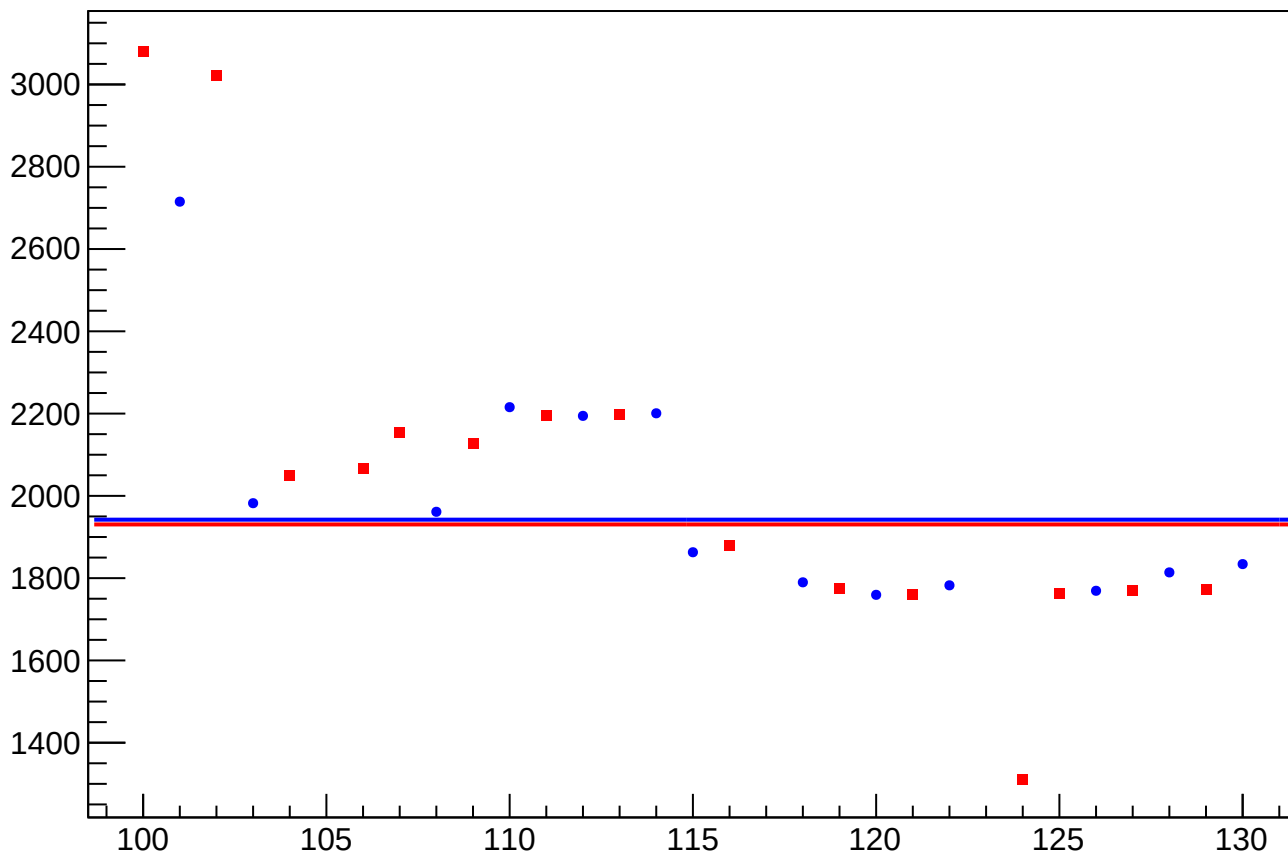
Right: 2509.634+/-583.573 χ^2/NDF : 26.2/27

In: 2987.773+/-831.978 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2509.634+/-583.573 χ^2/NDF : 26.2/27

eigen_dit_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1942.161+/-0.588 χ^2/NDF : 172867.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1930.544+/-0.578 χ^2/NDF : 301356.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

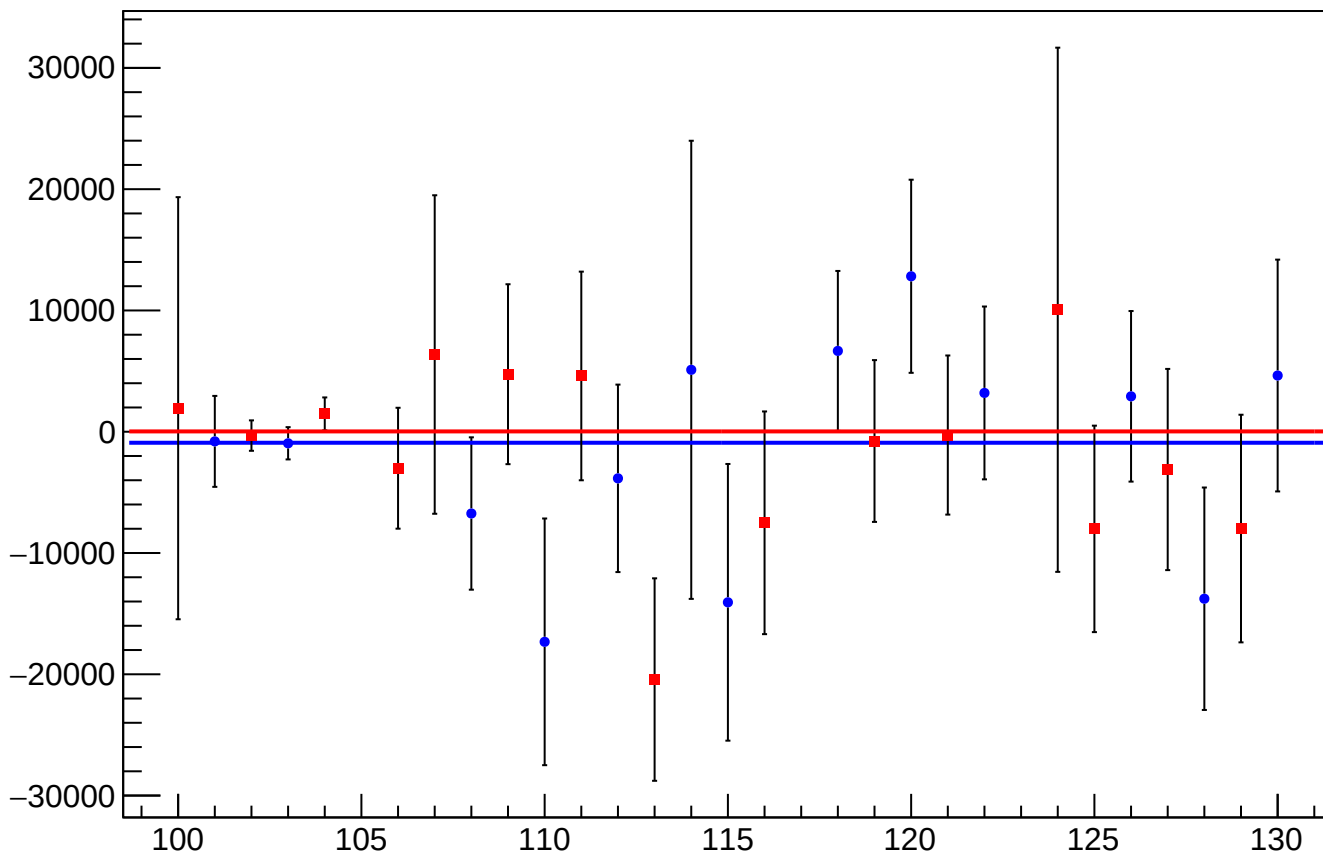
Right: 1936.253+/-0.412 χ^2/NDF : 474422.3/27

In: 1942.161+/-0.588 χ^2/NDF : 172867.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1936.253+/-0.412 χ^2/NDF : 474422.3/27

asym_atl1r2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -908.594+/-1118.115 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.824+/-853.464 χ^2/NDF : 11.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

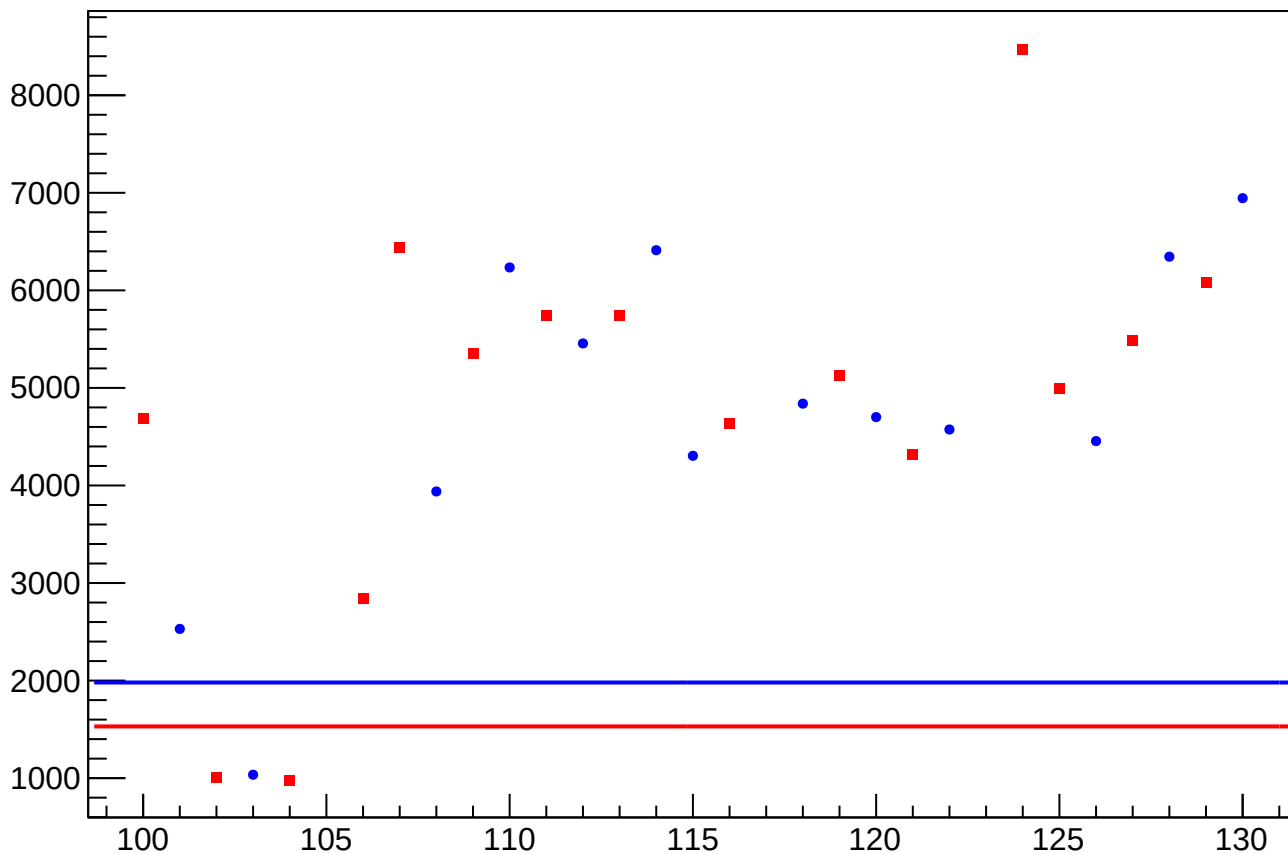
Right: -317.543+/-678.414 χ^2/NDF : 23.9/27

In: -908.594+/-1118.115 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -317.543+/-678.414 χ^2/NDF : 23.9/27

asym_atl1r2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1980.437+/-0.791 χ^2/NDF : 4309622.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1530.061+/-0.603 χ^2/NDF : 5320699.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

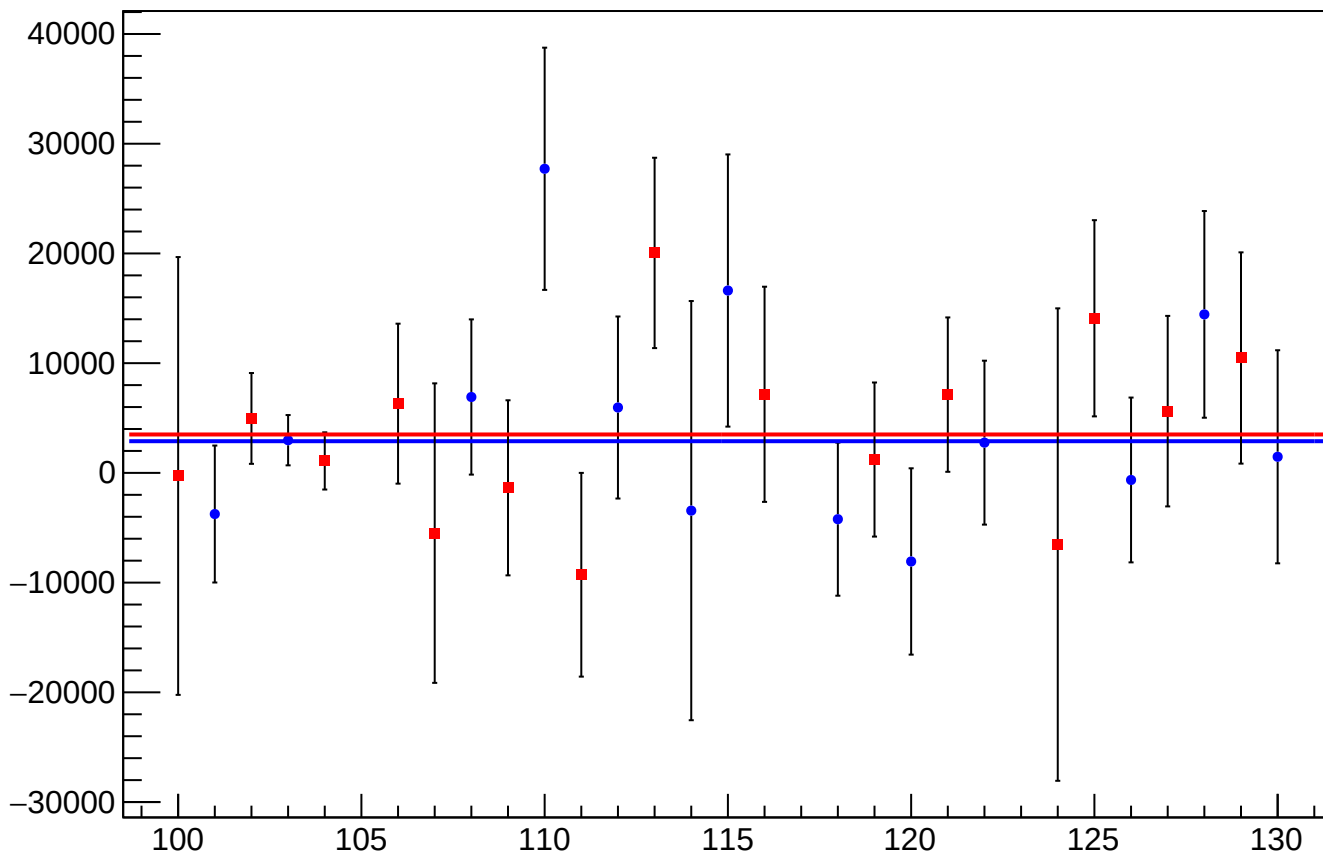
Right: 1695.864+/-0.480 χ^2/NDF : 9835356.1/27

In: 1980.437+/-0.791 χ^2/NDF : 4309622.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1695.864+/-0.480 χ^2/NDF : 9835356.1/27

asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2887.920+/-1666.754 χ^2/NDF : 12.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3501.198+/-1660.981 χ^2/NDF : 10.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

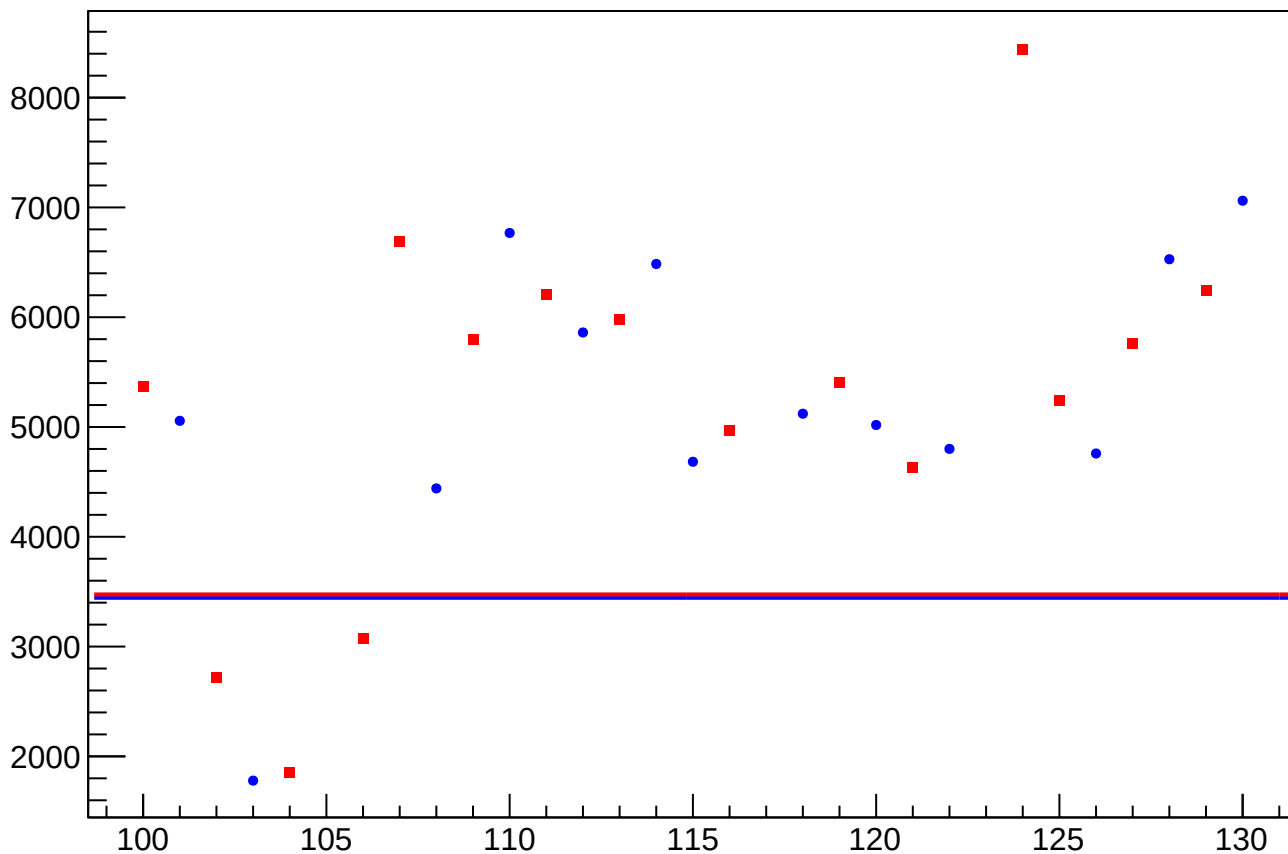
Right: 3195.623+/-1176.527 χ^2/NDF : 22.7/27

In: 2887.920+/-1666.754 χ^2/NDF : 12.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3195.623+/-1176.527 χ^2/NDF : 22.7/27

asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 3444.548+/-1.179 χ^2/NDF : 2453900.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3475.018+/-1.161 χ^2/NDF : 2231434.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

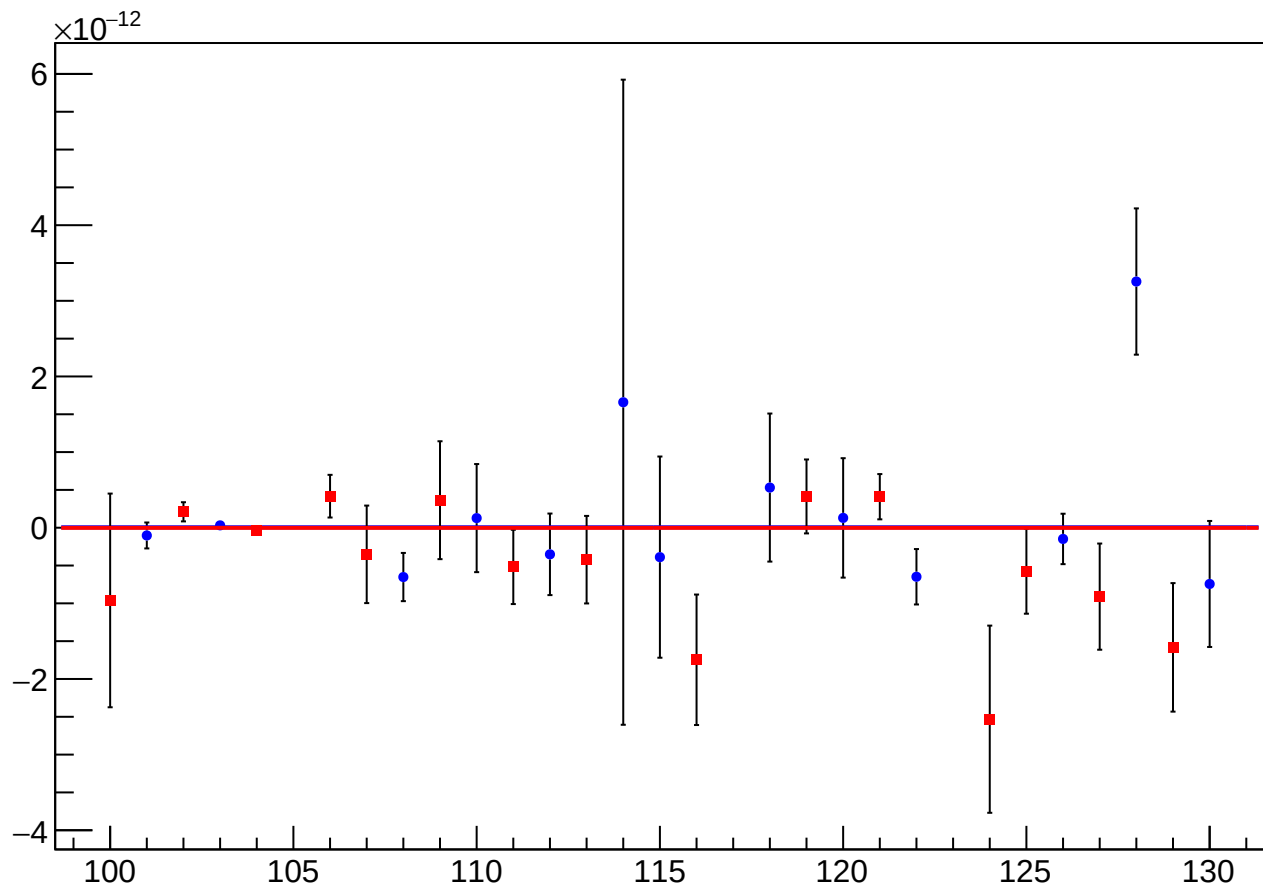
Right: 3460.010+/-0.827 χ^2/NDF : 4685674.4/27

In: 3444.548+/-1.179 χ^2/NDF : 2453900.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3460.010+/-0.827 χ^2/NDF : 4685674.4/27

asym_atl1r2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 21.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 25.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

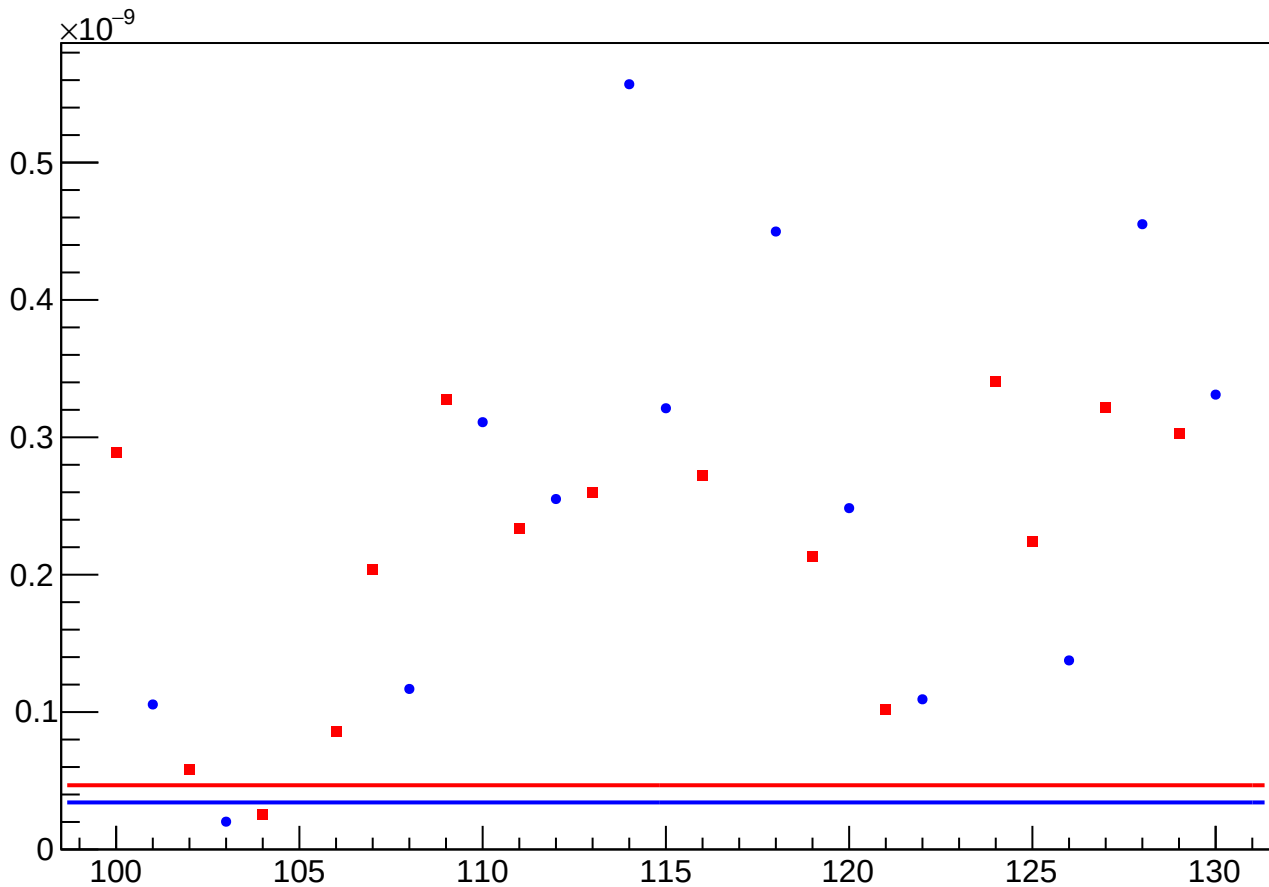
Right: 0.000+/-0.000 χ^2/NDF : 46.6/27

In: 0.000+/-0.000 χ^2/NDF : 21.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 46.6/27

asym_atl1r2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2876455.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2578354.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

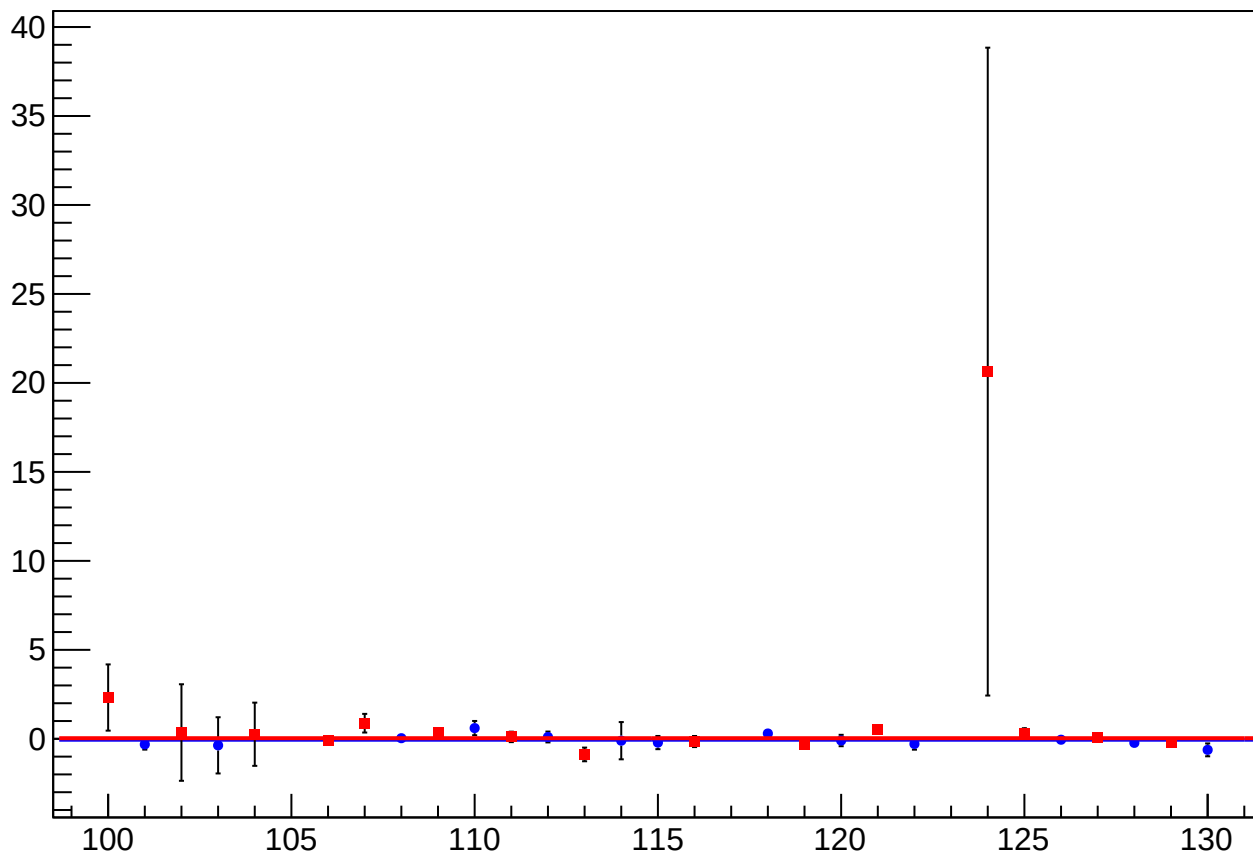
Right: 0.000+/-0.000 χ^2/NDF : 5535715.7/27

In: 0.000+/-0.000 χ^2/NDF : 2876455.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5535715.7/27

asym_atl1r2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.049 $\pm$ 0.087 χ^2 /NDF: 9.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.034 $\pm$ 0.085 χ^2 /NDF: 20.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

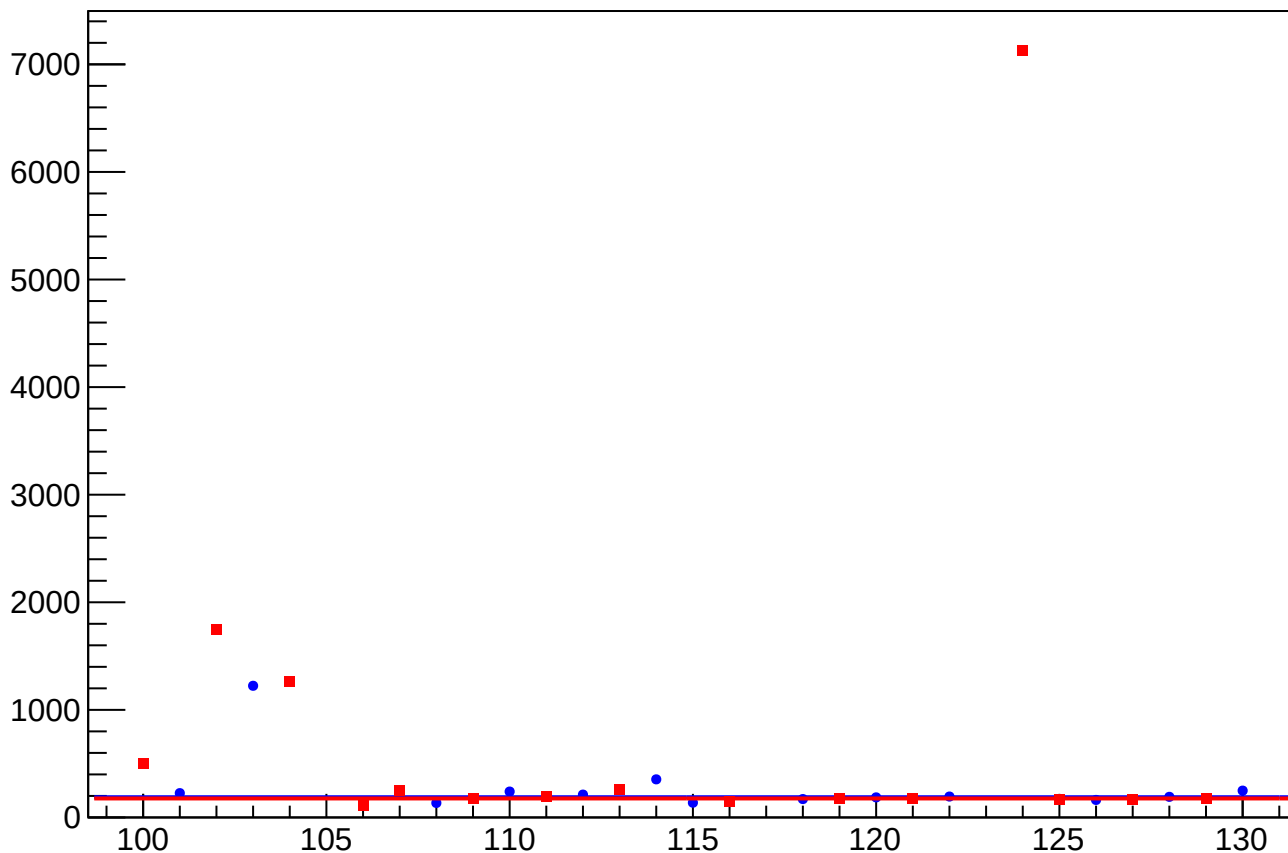
Right: -0.006 $\pm$ 0.061 χ^2 /NDF: 30.4/27

In: -0.049 $\pm$ 0.087 χ^2 /NDF:9.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.006 $\pm$ 0.061 χ^2 /NDF: 30.4/27

asym_atl1r2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 188.083+/-0.062 χ^2/NDF : 1233772.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.573+/-0.060 χ^2/NDF : 2088589.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

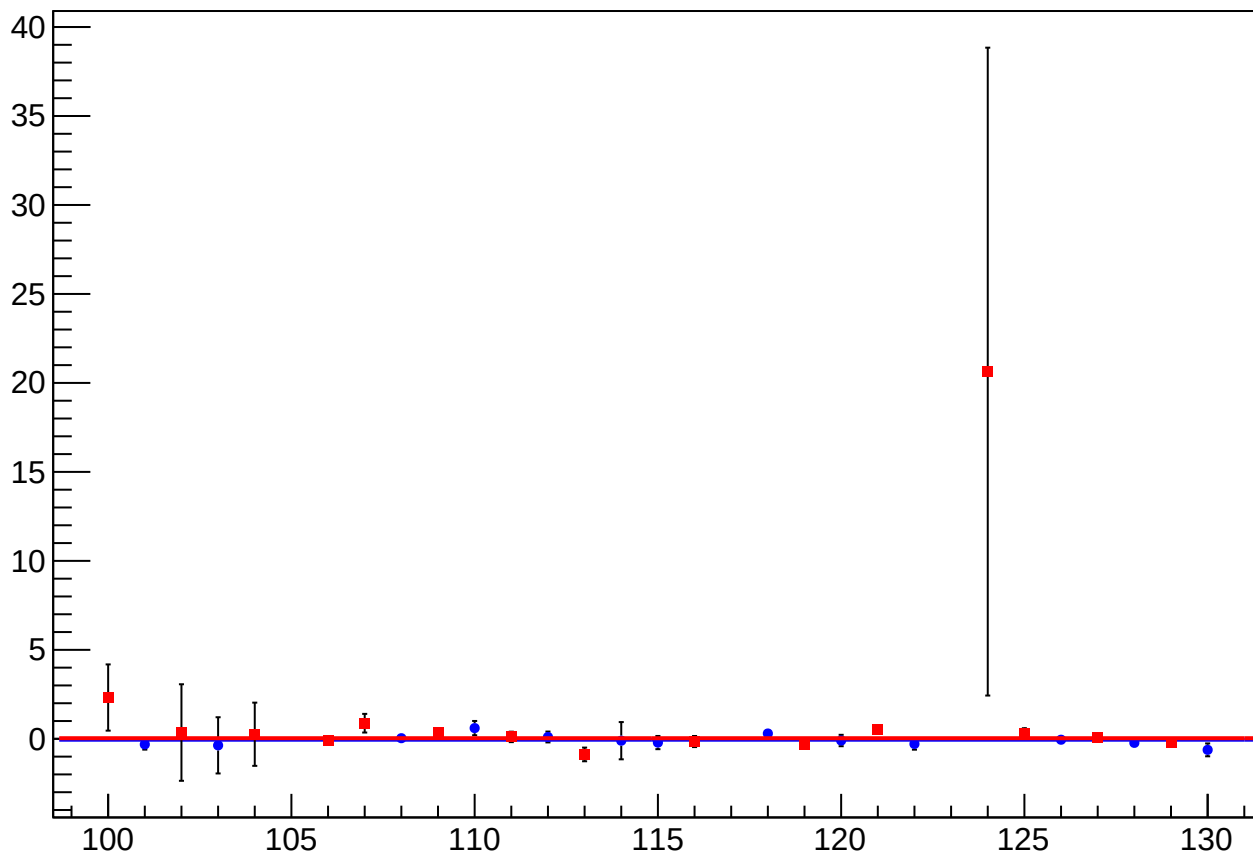
Right: 182.173+/-0.043 χ^2/NDF : 3340144.3/27

In: 188.083+/-0.062 χ^2/NDF : 1233772.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.173+/-0.043 χ^2/NDF : 3340144.3/27

asym_atl1r2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.049+/-0.087 χ^2/NDF : 9.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.034+/-0.085 χ^2/NDF : 20.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

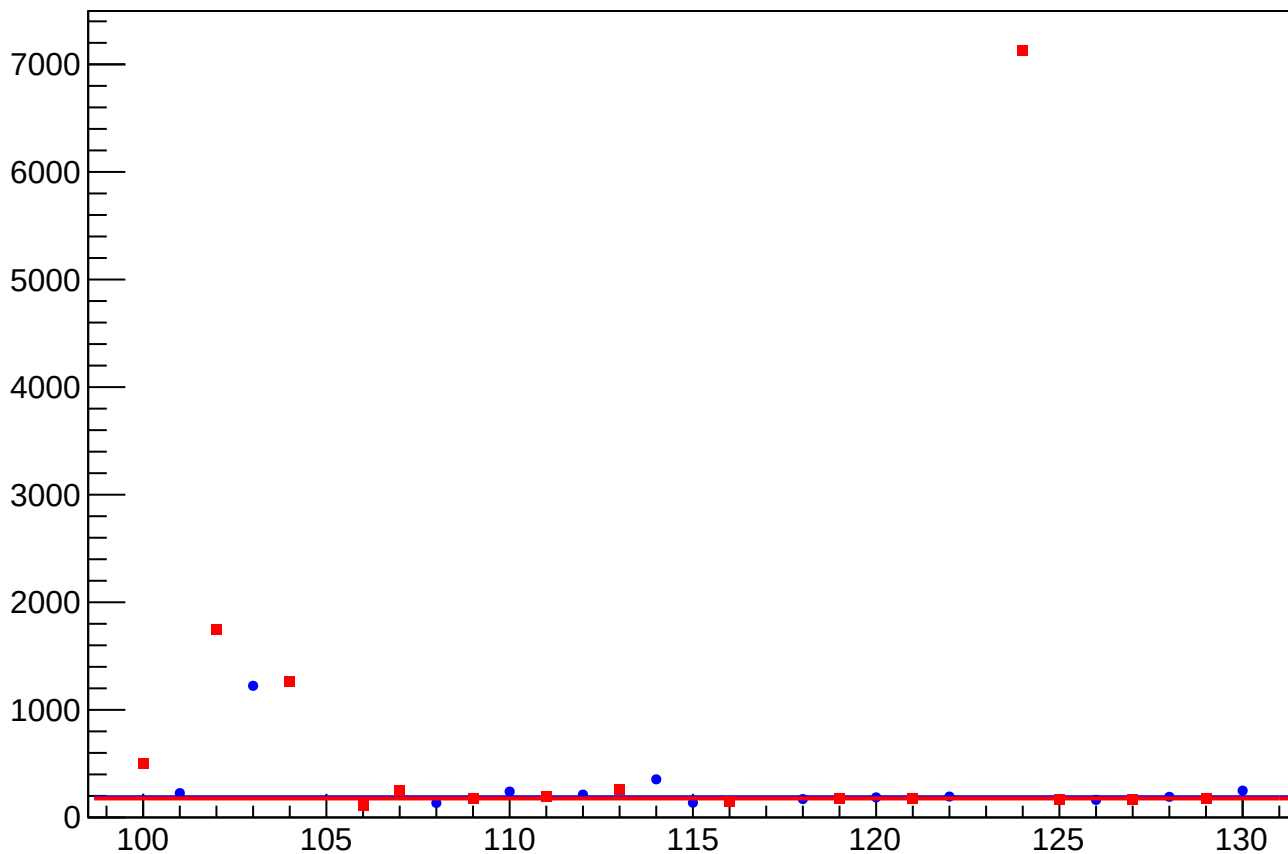
Right: -0.006+/-0.061 χ^2/NDF : 30.4/27

In: -0.049+/-0.087 χ^2/NDF :9.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.006+/-0.061 χ^2/NDF : 30.4/27

asym_atl1r2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 188.083+/-0.062 χ^2/NDF : 1233772.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.573+/-0.060 χ^2/NDF : 2088589.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

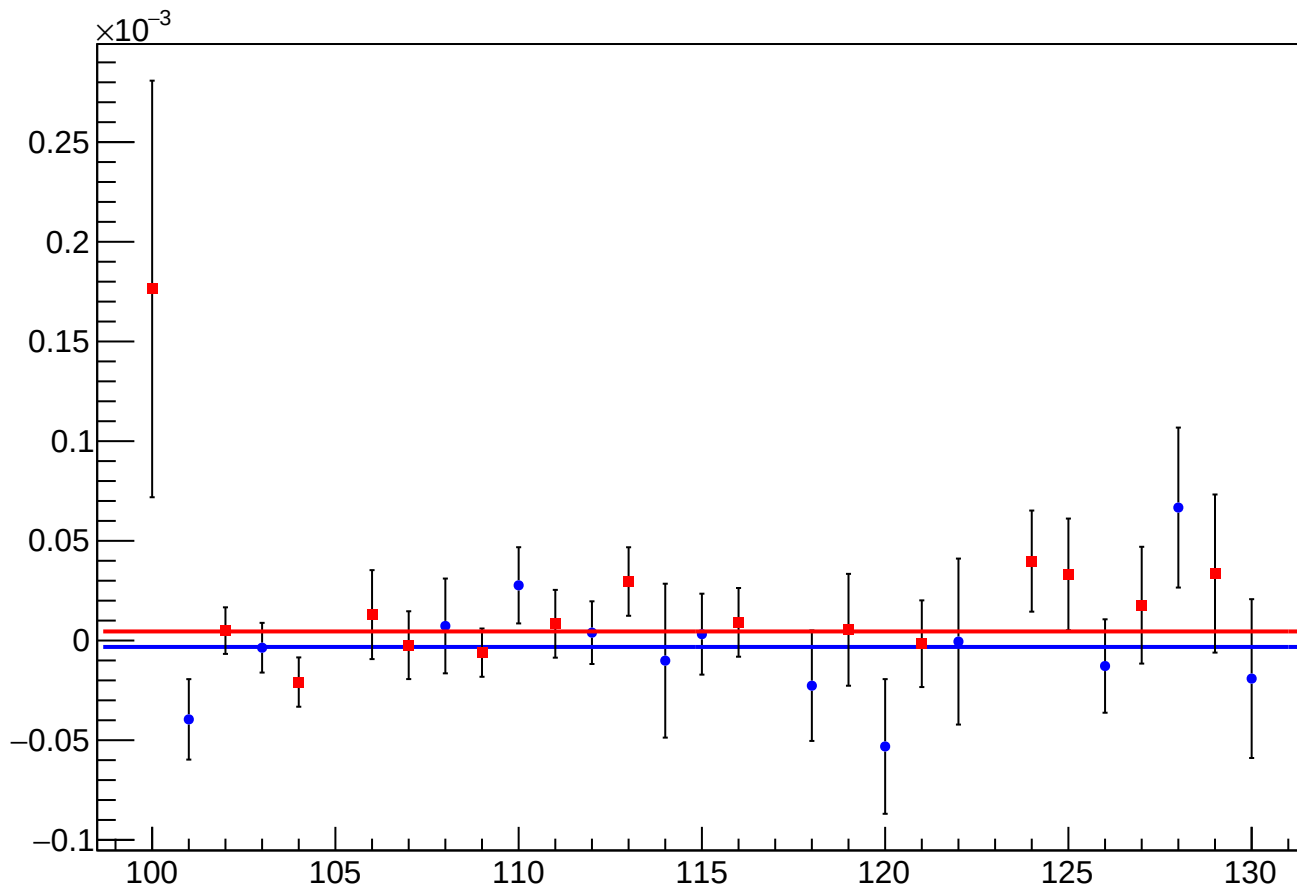
Right: 182.173+/-0.043 χ^2/NDF : 3340144.3/27

In: 188.083+/-0.062 χ^2/NDF : 1233772.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.173+/-0.043 χ^2/NDF : 3340144.3/27

asym_atl1r2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

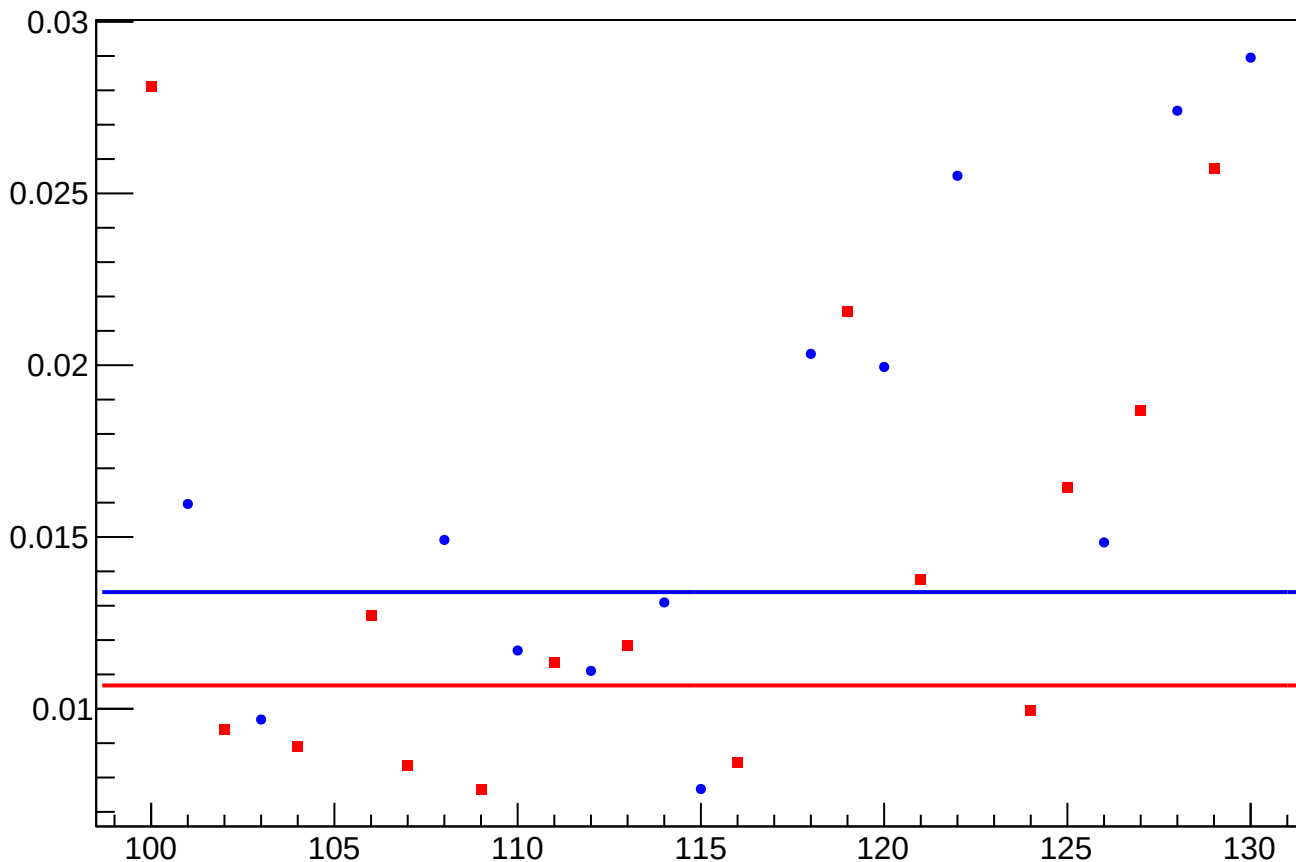
Right: 0.000+/-0.000 χ^2/NDF : 27.5/27

In: -0.000+/-0.000 χ^2/NDF : 12.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.5/27

asym_atl1r2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 1361756.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 1212101.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

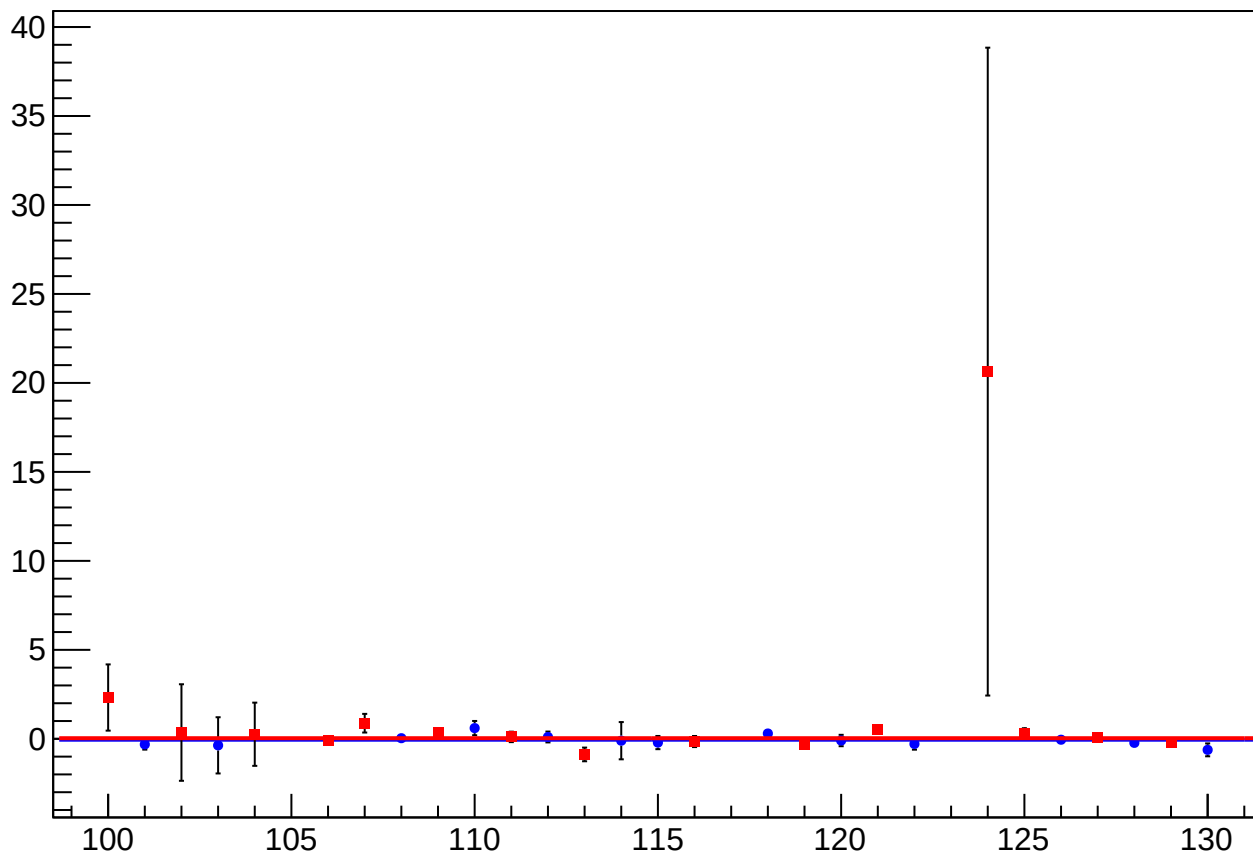
Right: 0.012+/-0.000 χ^2/NDF : 2818222.2/27

In: 0.013+/-0.000 χ^2/NDF :1361756.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.000 χ^2/NDF : 2818222.2/27

asym_atl1r2_avg_eigen_dit_vs_Slug, Sign Corrected



Right In: -0.050+/-0.087 χ^2/NDF : 9.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.034+/-0.085 χ^2/NDF : 20.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

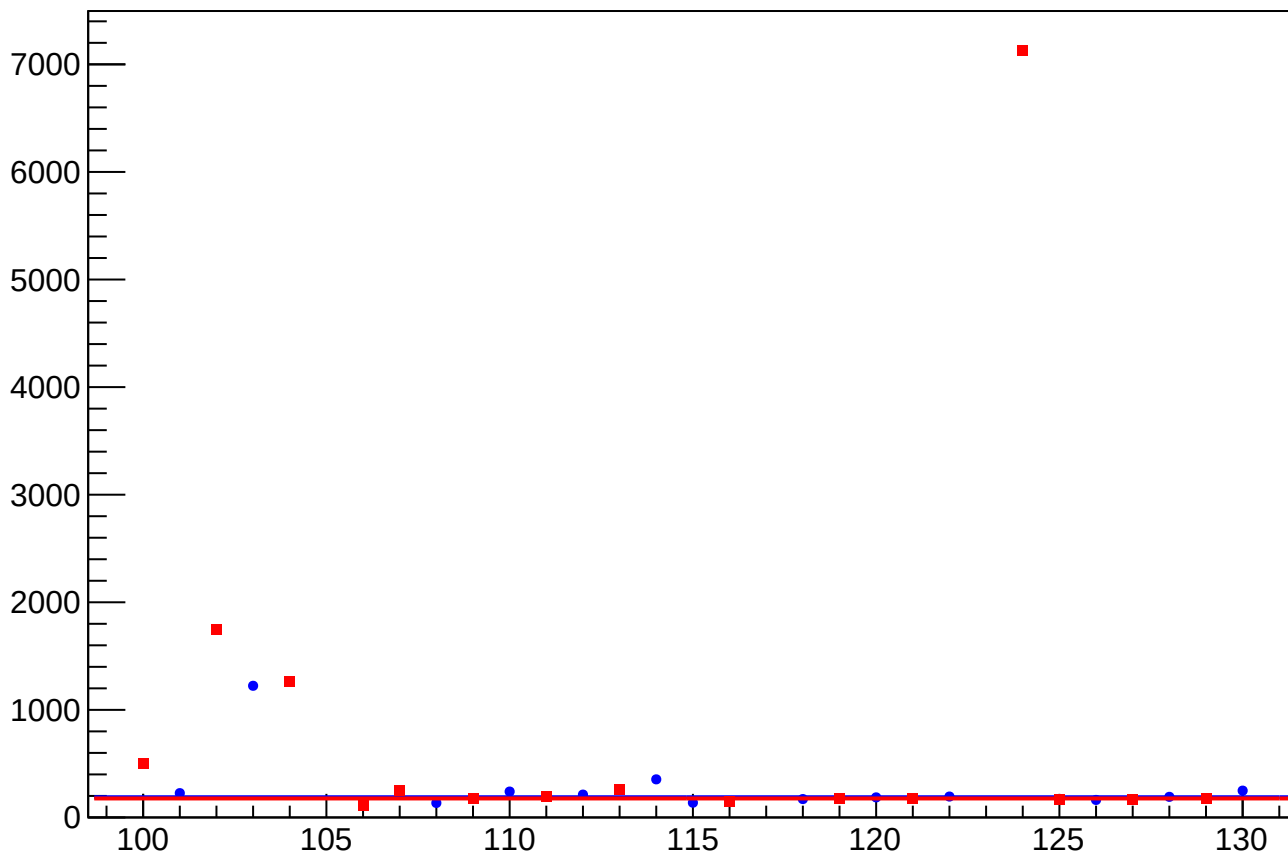
Right: -0.006+/-0.061 χ^2/NDF : 30.4/27

In: -0.050+/-0.087 χ^2/NDF :9.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.006+/-0.061 χ^2/NDF : 30.4/27

asym_atl1r2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 188.080+/-0.062 χ^2/NDF : 1233756.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.571+/-0.060 χ^2/NDF : 2088612.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

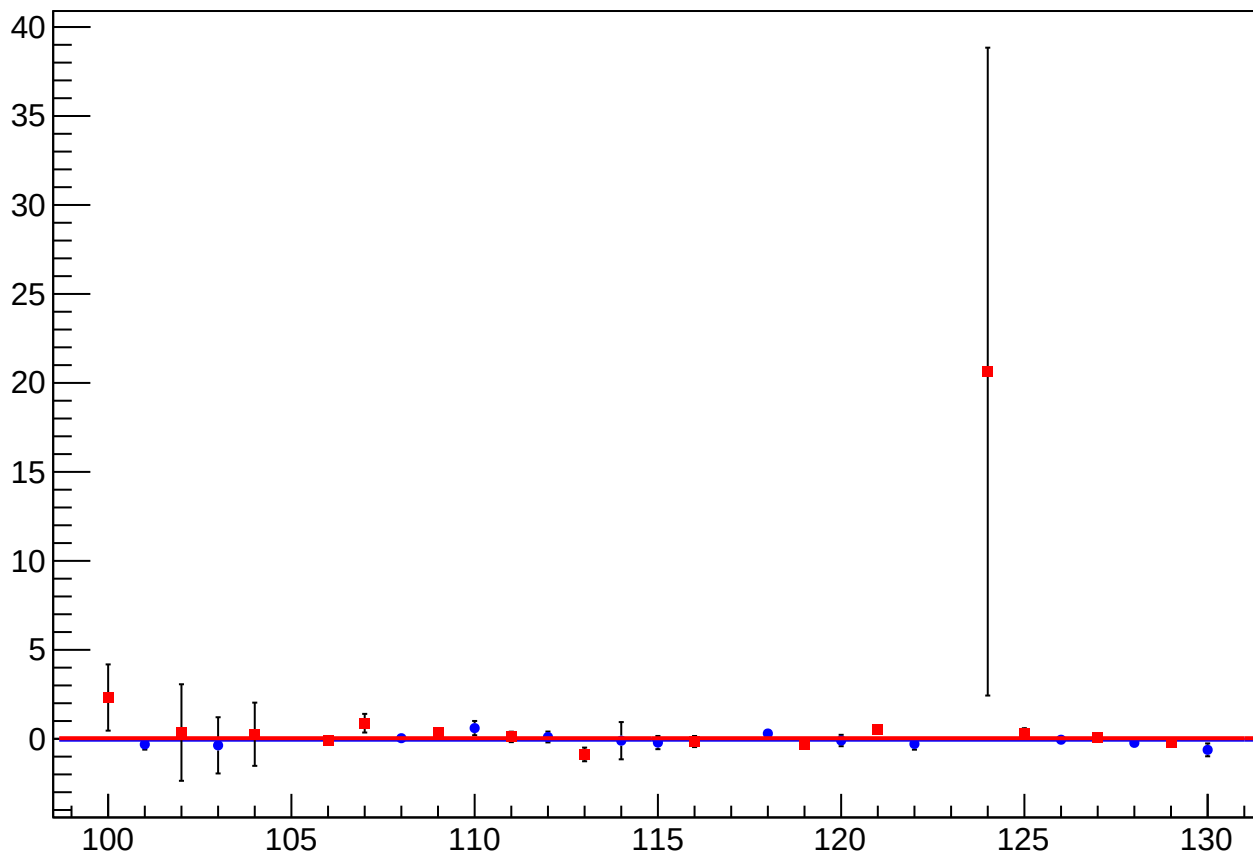
Right: 182.170+/-0.043 χ^2/NDF : 3340152.7/27

In: 188.080+/-0.062 χ^2/NDF : 1233756.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.170+/-0.043 χ^2/NDF : 3340152.7/27

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.050+/-0.087 χ^2/NDF : 9.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.034+/-0.085 χ^2/NDF : 20.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

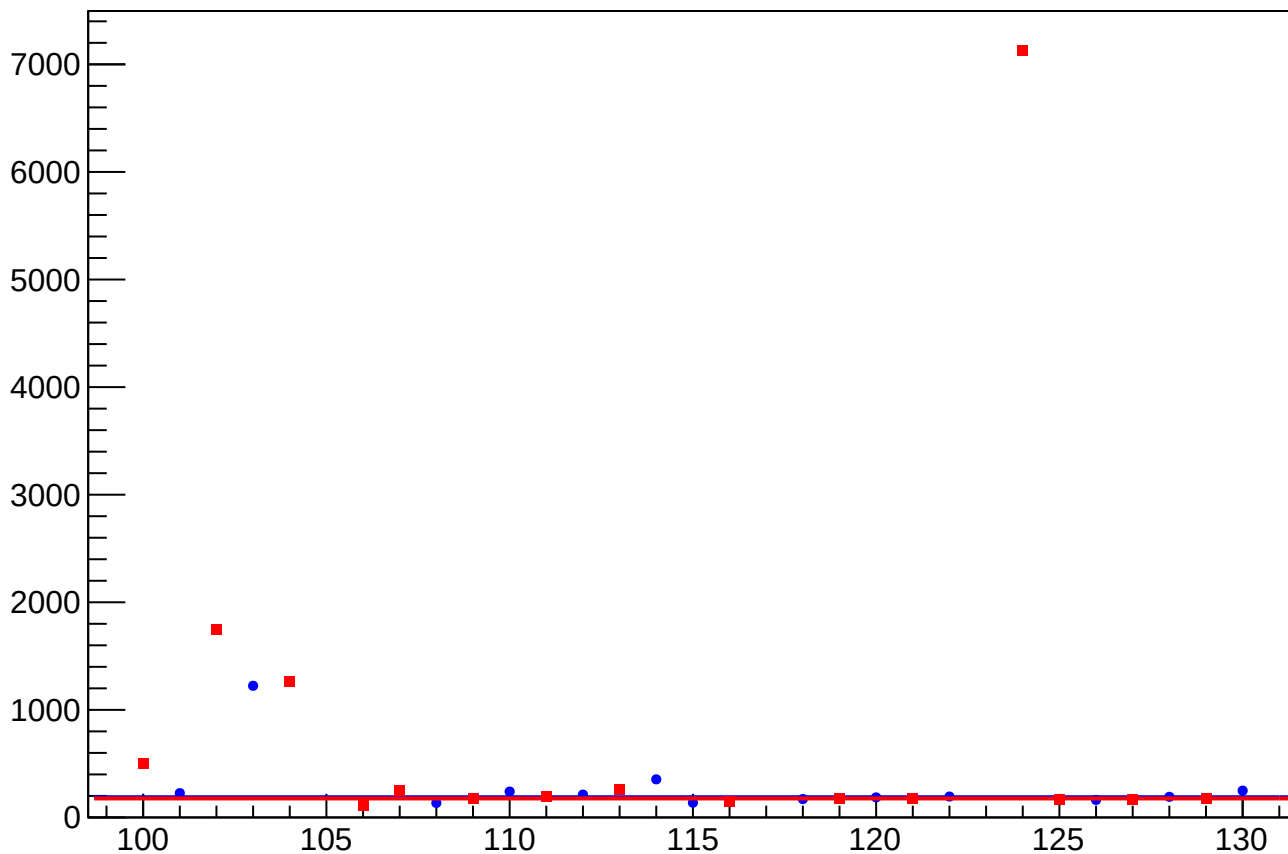
Right: -0.006+/-0.061 χ^2/NDF : 30.4/27

In: -0.050+/-0.087 χ^2/NDF :9.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.006+/-0.061 χ^2/NDF : 30.4/27

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 188.080+/-0.062 χ^2/NDF : 1233756.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.571+/-0.060 χ^2/NDF : 2088612.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

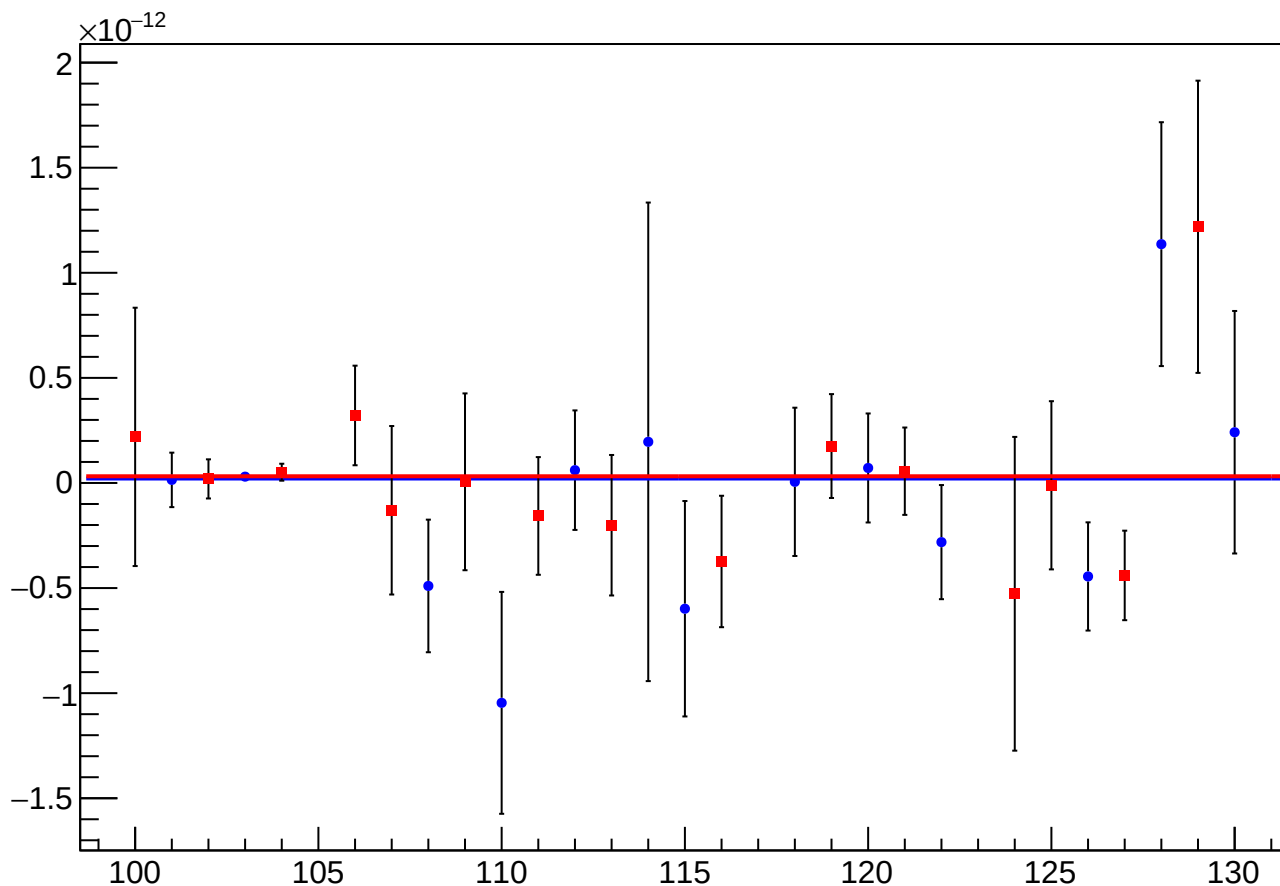
Right: 182.170+/-0.043 χ^2/NDF : 3340152.7/27

In: 188.080+/-0.062 χ^2/NDF : 1233756.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.170+/-0.043 χ^2/NDF : 3340152.7/27

asym_atl1r2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

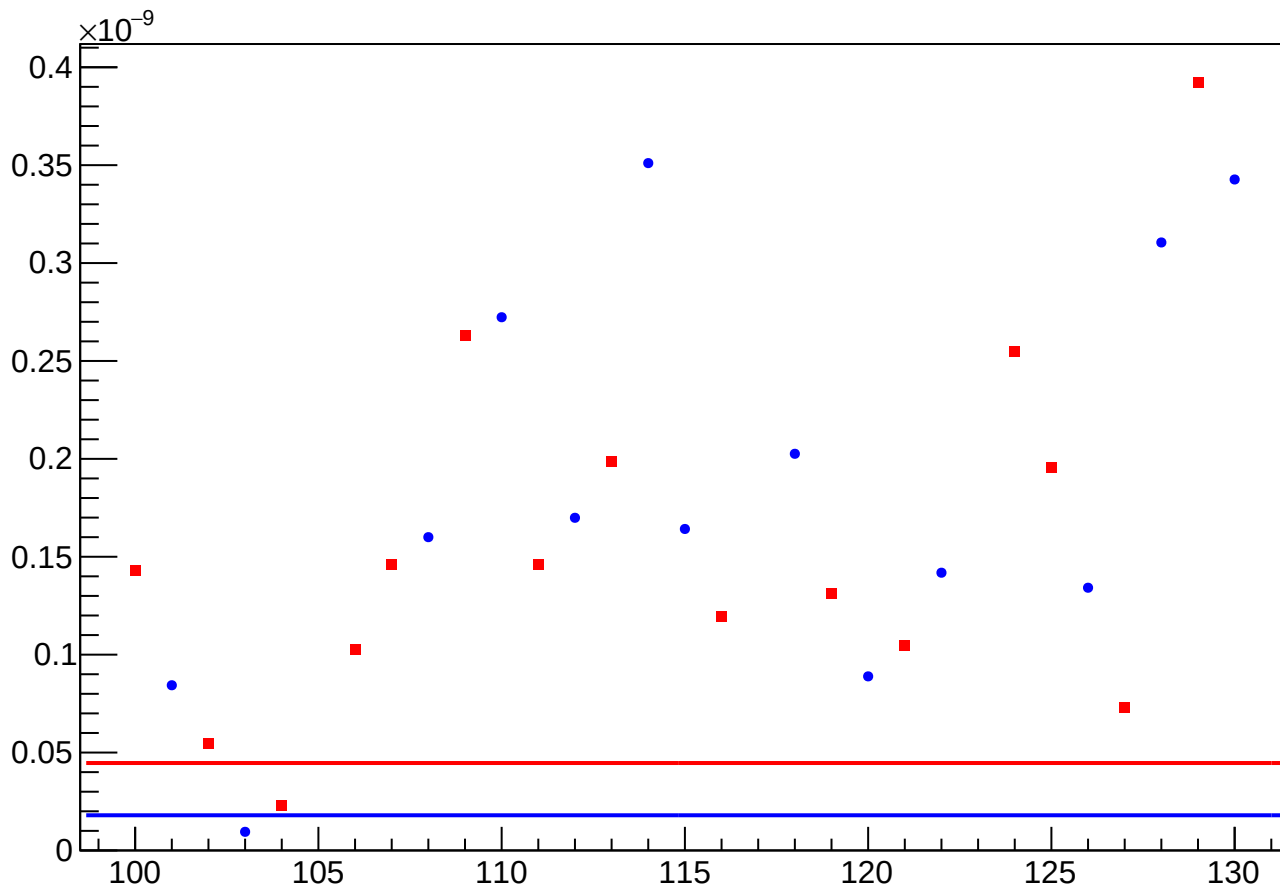
Right: 0.000+/-0.000 χ^2/NDF : 30.2/27

In: 0.000+/-0.000 χ^2/NDF : 16.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.2/27

asym_atl1r2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5247838.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3621217.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

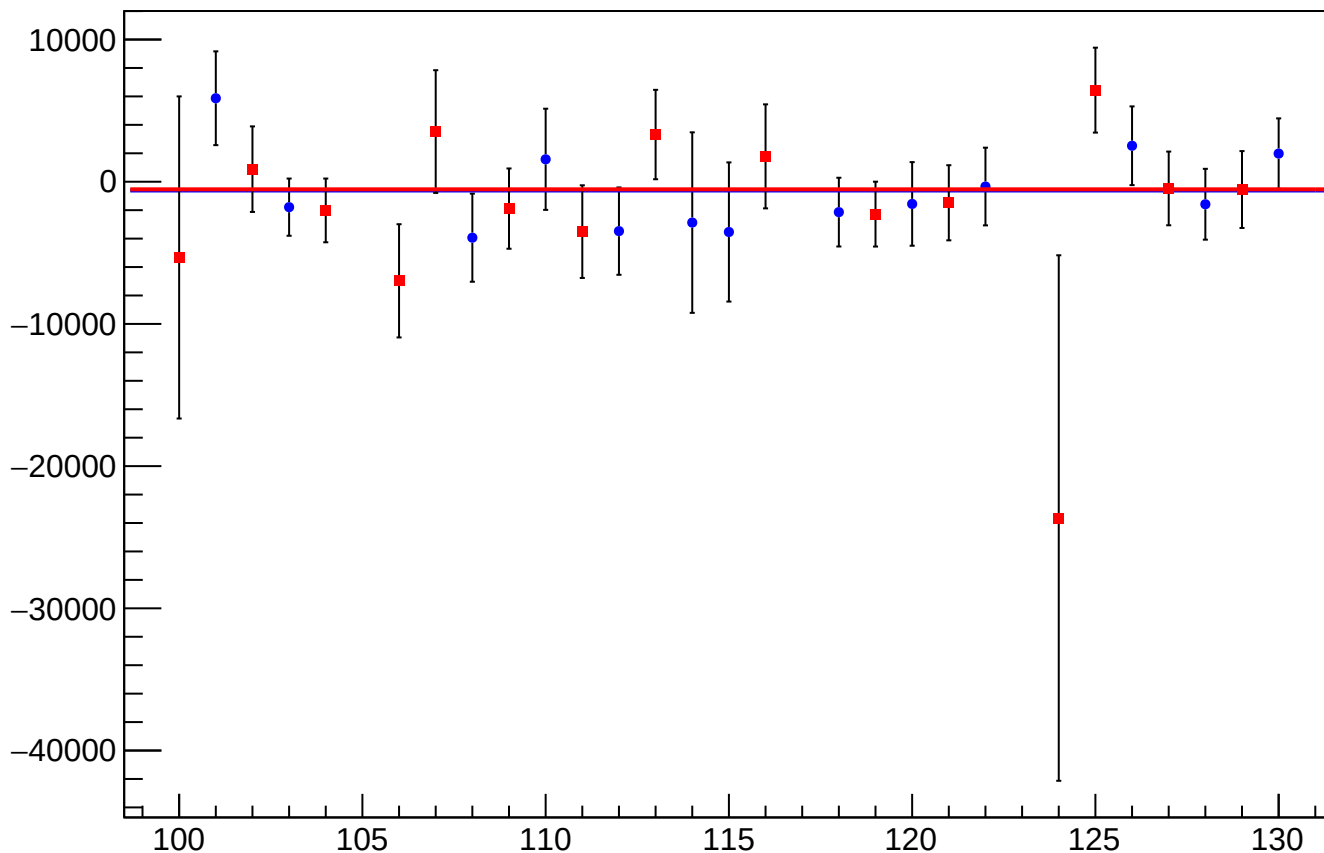
Right: 0.000+/-0.000 χ^2/NDF : 9747177.8/27

In: 0.000+/-0.000 χ^2/NDF : 5247838.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9747177.8/27

reg_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -615.962 $\pm$ 797.938 χ^2 /NDF: 10.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -534.201 $\pm$ 799.051 χ^2 /NDF: 15.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

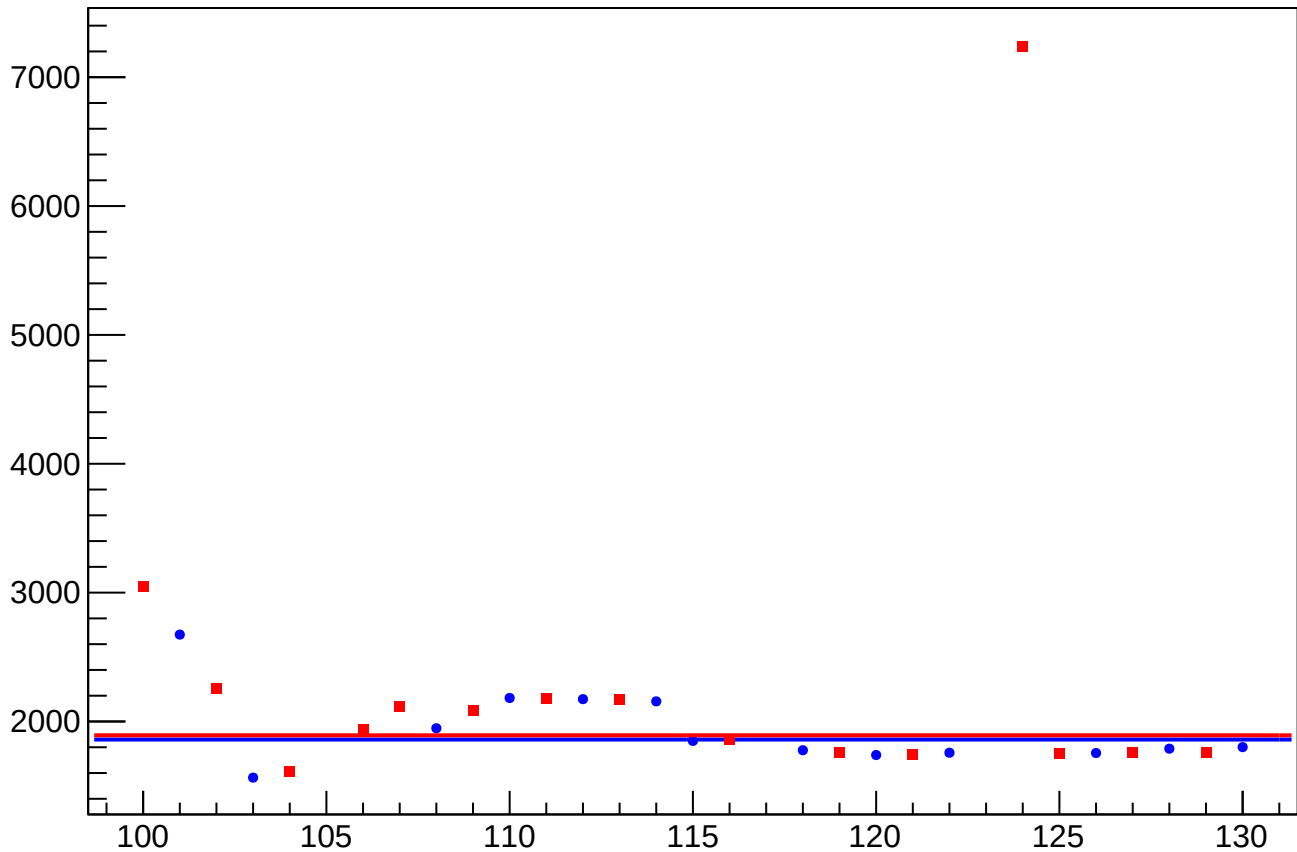
Right: -575.139 $\pm$ 564.621 χ^2 /NDF: 25.2/27

In: -615.962 $\pm$ 797.938 χ^2 /NDF:10.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -575.139 $\pm$ 564.621 χ^2 /NDF: 25.2/27

reg_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1859.940+/-0.564 χ^2/NDF : 222479.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1892.741+/-0.563 χ^2/NDF : 323702.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

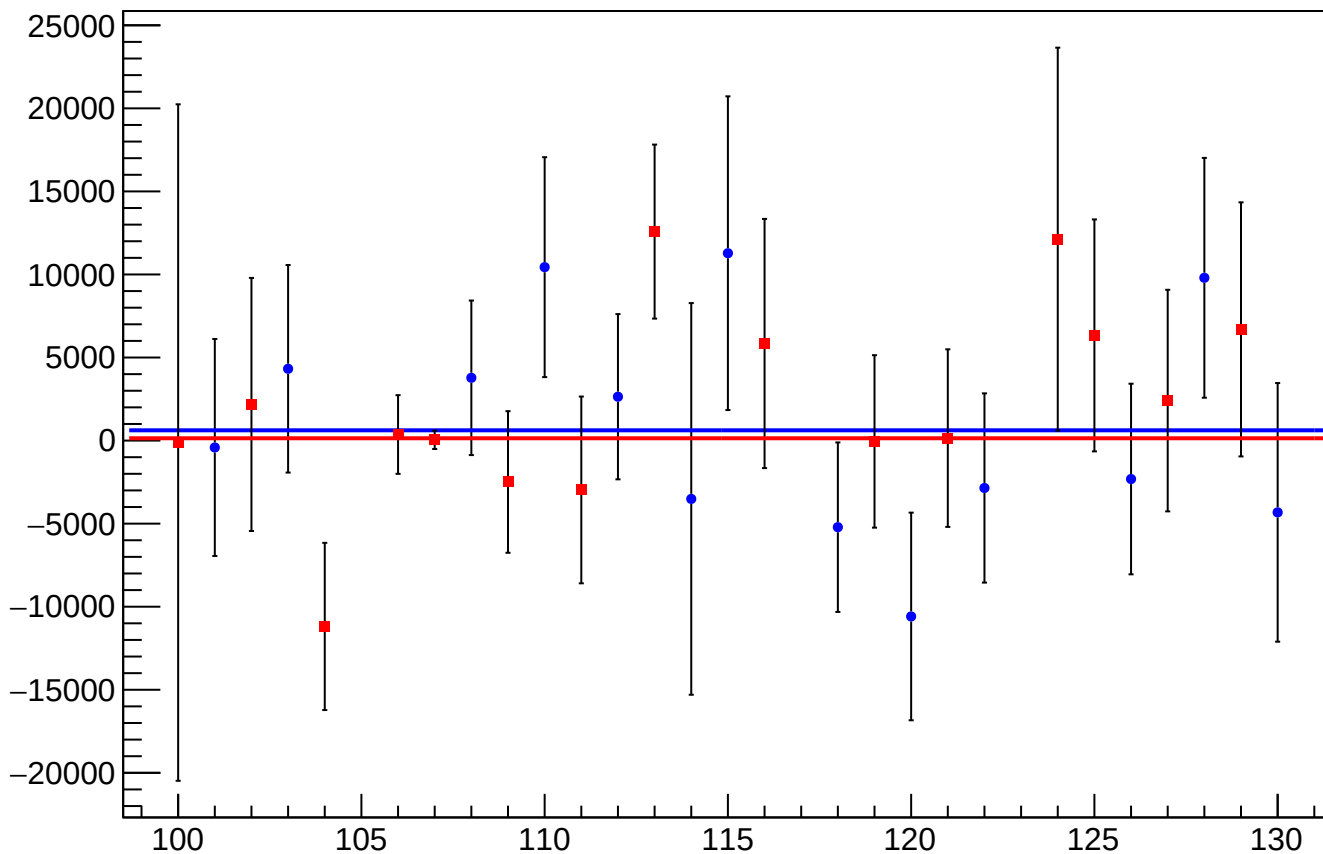
Right: 1876.366+/-0.399 χ^2/NDF : 547874.8/27

In: 1859.940+/-0.564 χ^2/NDF : 222479.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1876.366+/-0.399 χ^2/NDF : 547874.8/27

asym_atl1r2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 619.000 $\pm$ 1720.343 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 139.539 $\pm$ 511.710 χ^2 /NDF: 14.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

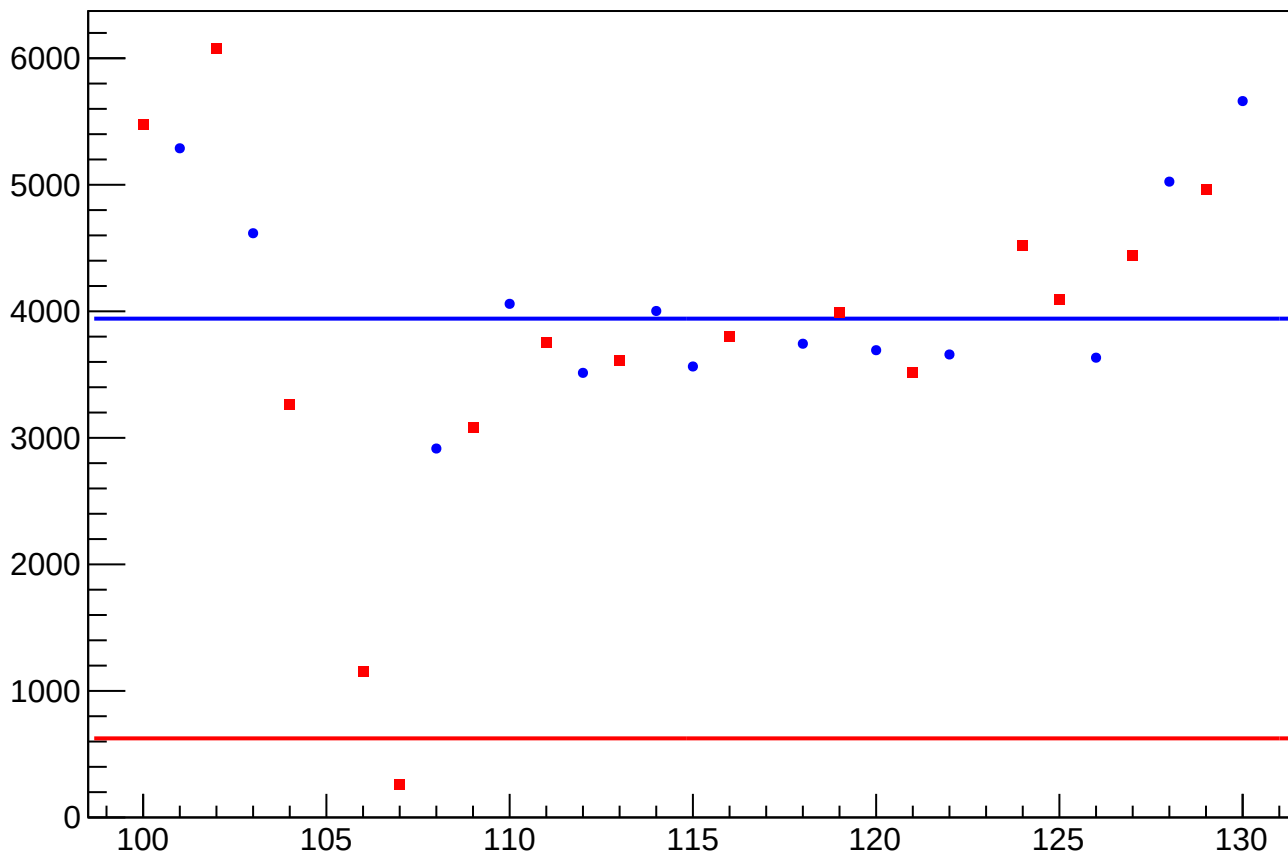
Right: 178.511 $\pm$ 490.472 χ^2 /NDF: 26.7/27

In: 619.000 $\pm$ 1720.343 χ^2 /NDF:11.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 178.511 $\pm$ 490.472 χ^2 /NDF: 26.7/27

asym_atl1r2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3942.111+/-1.216 χ^2/NDF : 383986.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 625.019+/-0.362 χ^2/NDF : 8387057.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

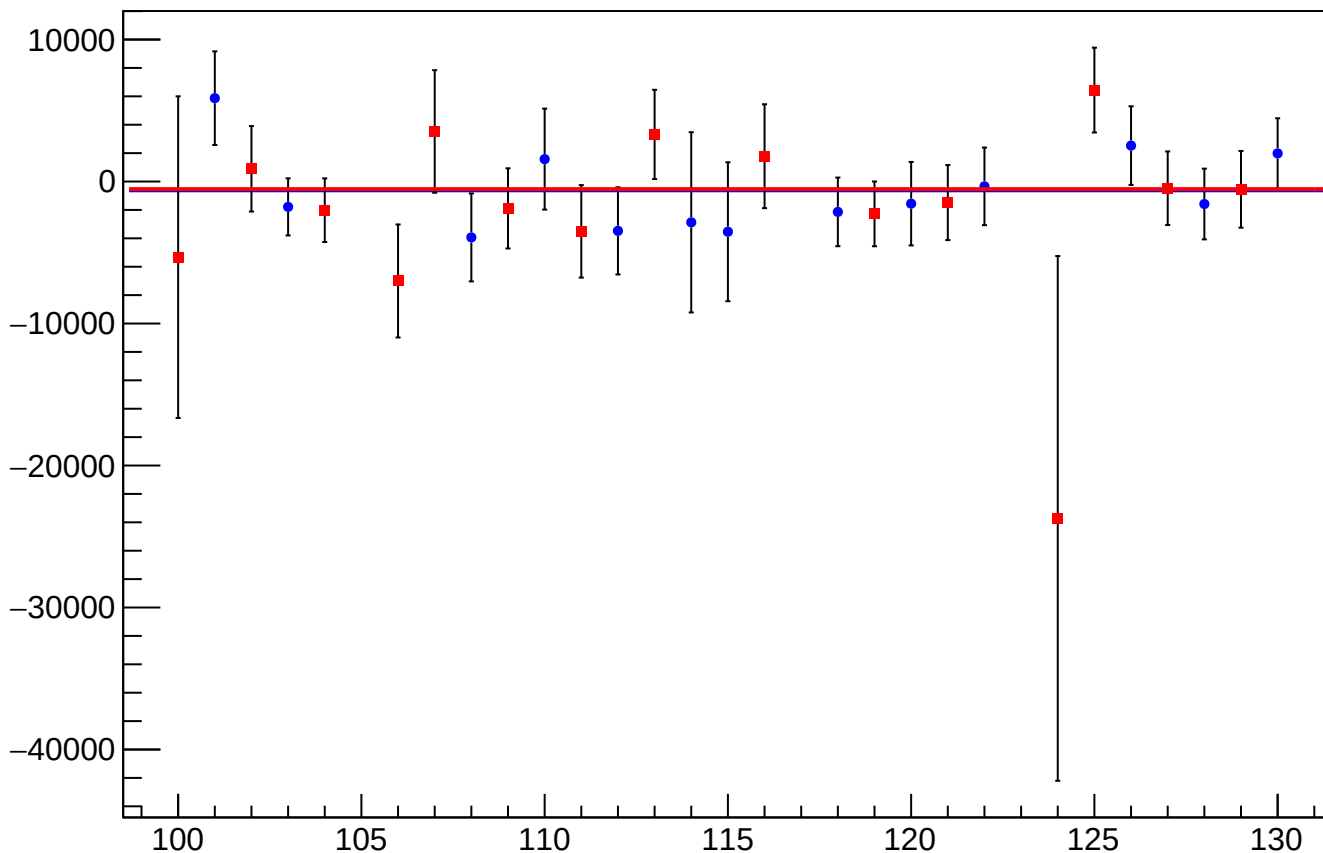
Right: 894.642+/-0.347 χ^2/NDF : 15602240.5/27

In: 3942.111+/-1.216 χ^2/NDF : 383986.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 894.642+/-0.347 χ^2/NDF : 15602240.5/27

cor_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -615.363+/-797.939 χ^2 /NDF: 10.1/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -534.841+/-799.054 χ^2 /NDF: 15.1/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

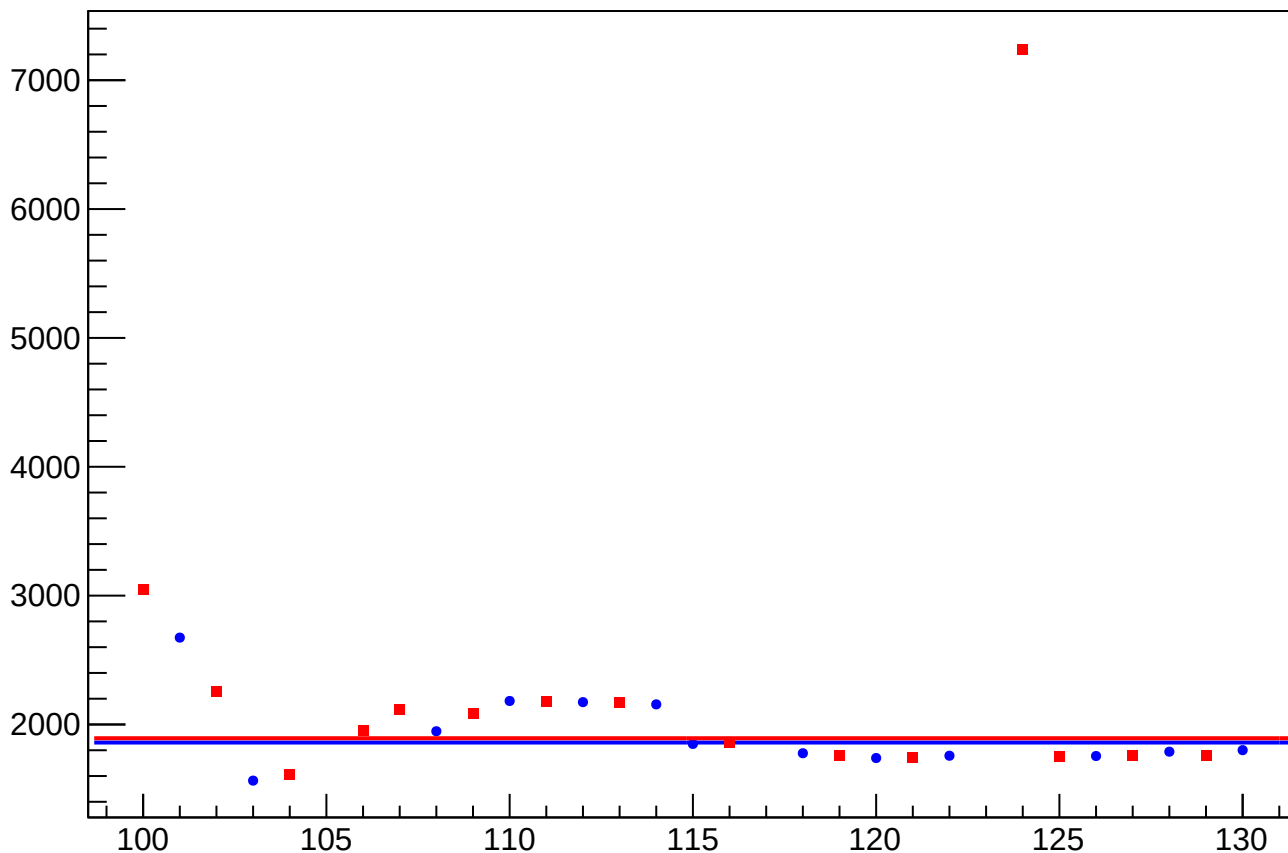
Right: -575.159+/-564.622 χ^2 /NDF: 25.2/27

In: -615.363+/-797.939 χ^2 /NDF:10.1/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -575.159+/-564.622 χ^2 /NDF: 25.2/27

cor_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1859.941+/-0.564 χ^2/NDF : 222478.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1893.329+/-0.564 χ^2/NDF : 323910.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

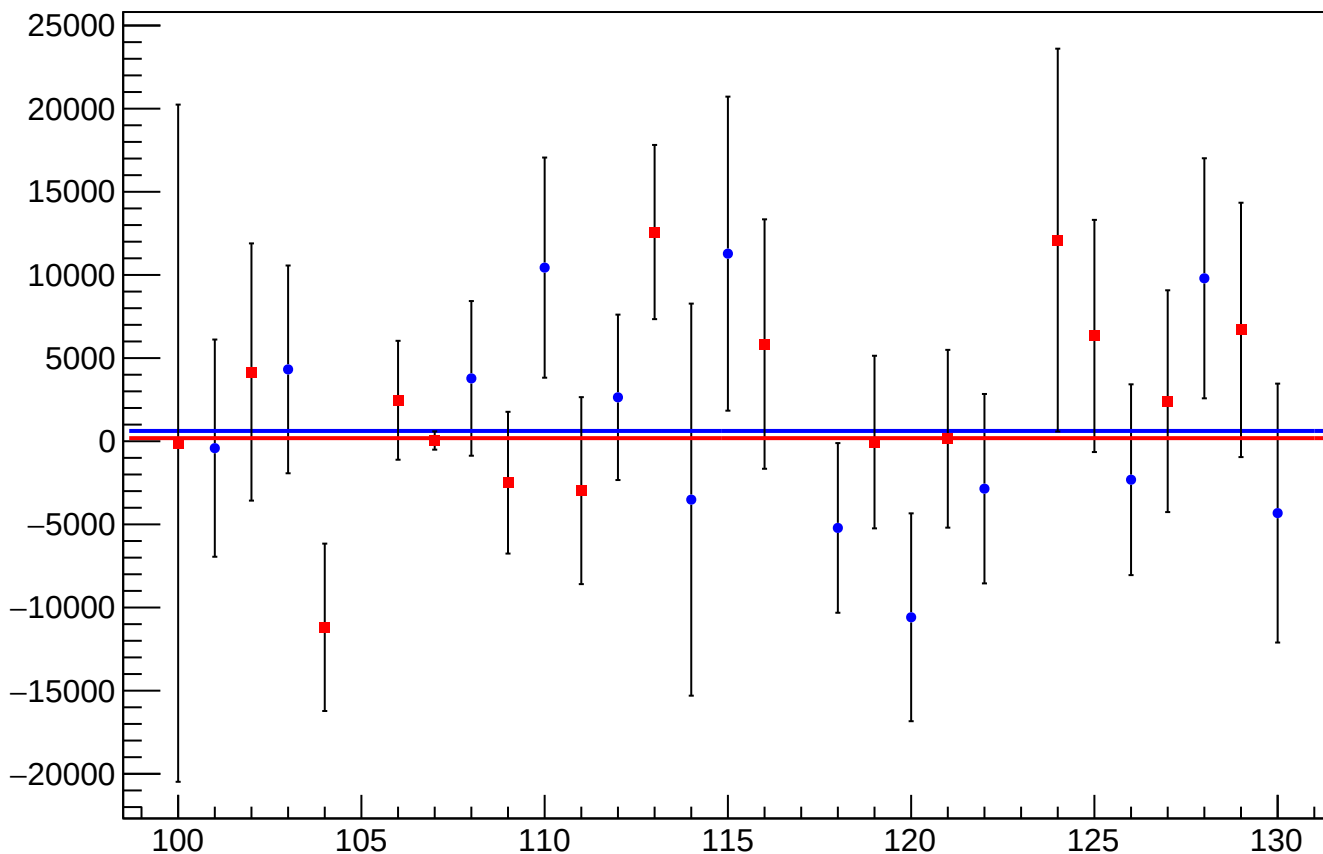
Right: 1876.656+/-0.399 χ^2/NDF : 548142.2/27

In: 1859.941+/-0.564 χ^2/NDF : 222478.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1876.656+/-0.399 χ^2/NDF : 548142.2/27

asym_atl1r2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 618.986 $\pm$ 1720.352 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 185.613 $\pm$ 518.547 χ^2 /NDF: 15.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

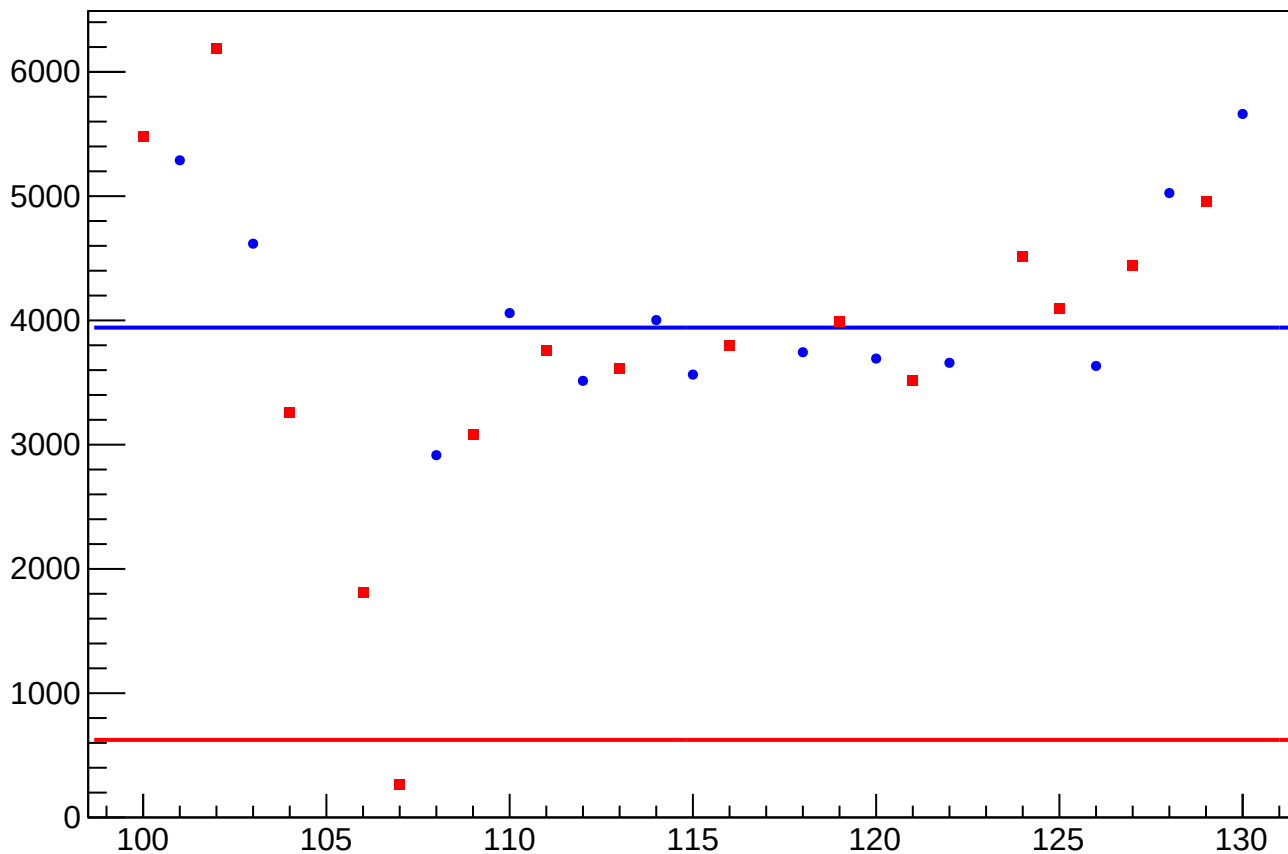
Right: 221.707 $\pm$ 496.484 χ^2 /NDF: 27.2/27

In: 618.986 $\pm$ 1720.352 χ^2 /NDF:11.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 221.707 $\pm$ 496.484 χ^2 /NDF: 27.2/27

asym_atl1r2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3942.124+/-1.216 χ^2/NDF : 384008.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 624.150+/-0.367 χ^2/NDF : 8515860.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

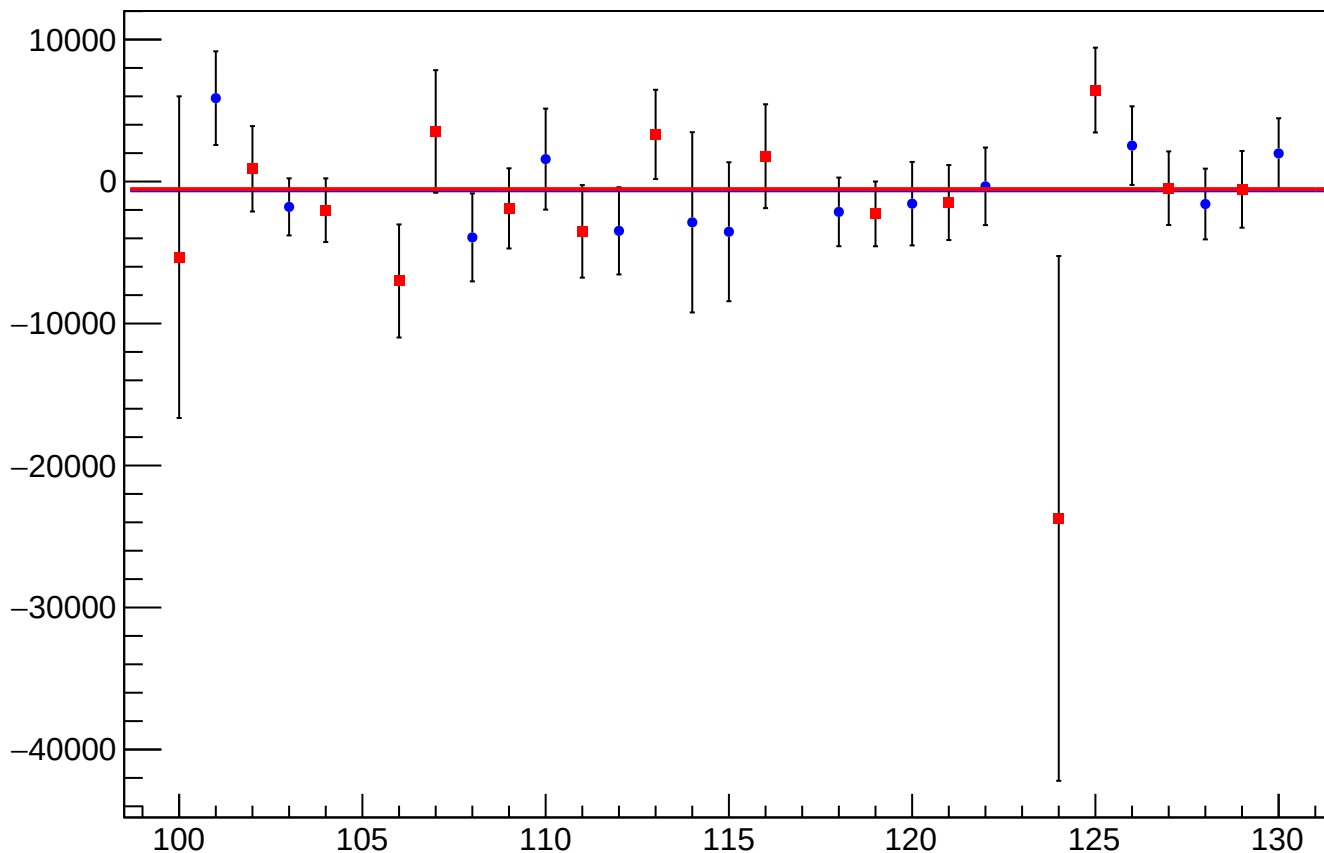
Right: 900.493+/-0.351 χ^2/NDF : 15719723.3/27

In: 3942.124+/-1.216 χ^2/NDF : 384008.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 900.493+/-0.351 χ^2/NDF : 15719723.3/27

eigen_cor_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -615.363+/-797.939 χ^2 /NDF: 10.1/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -534.841+/-799.054 χ^2 /NDF: 15.1/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

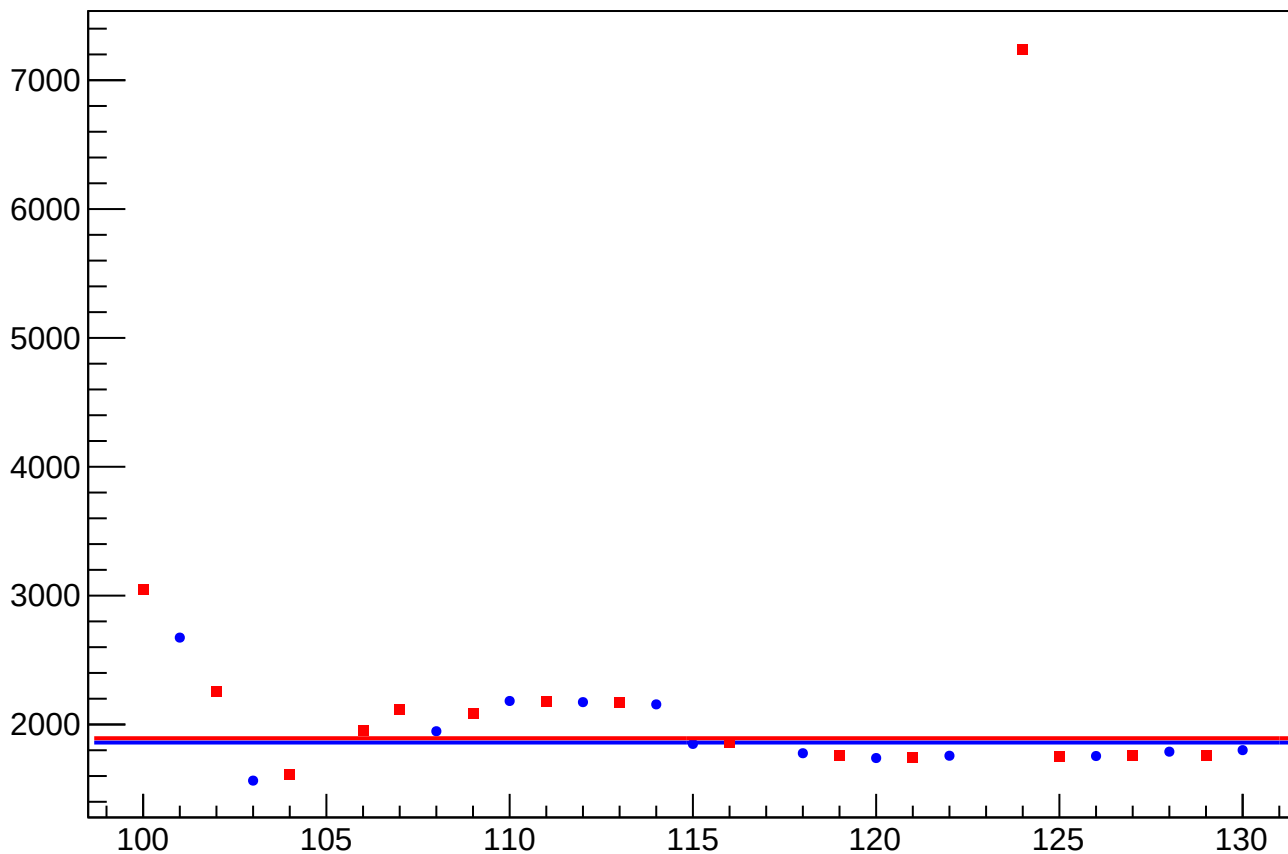
Right: -575.159+/-564.622 χ^2 /NDF: 25.2/27

In: -615.363+/-797.939 χ^2 /NDF:10.1/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -575.159+/-564.622 χ^2 /NDF: 25.2/27

eigen_cor_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1859.941+/-0.564 χ^2/NDF : 222478.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1893.329+/-0.564 χ^2/NDF : 323910.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

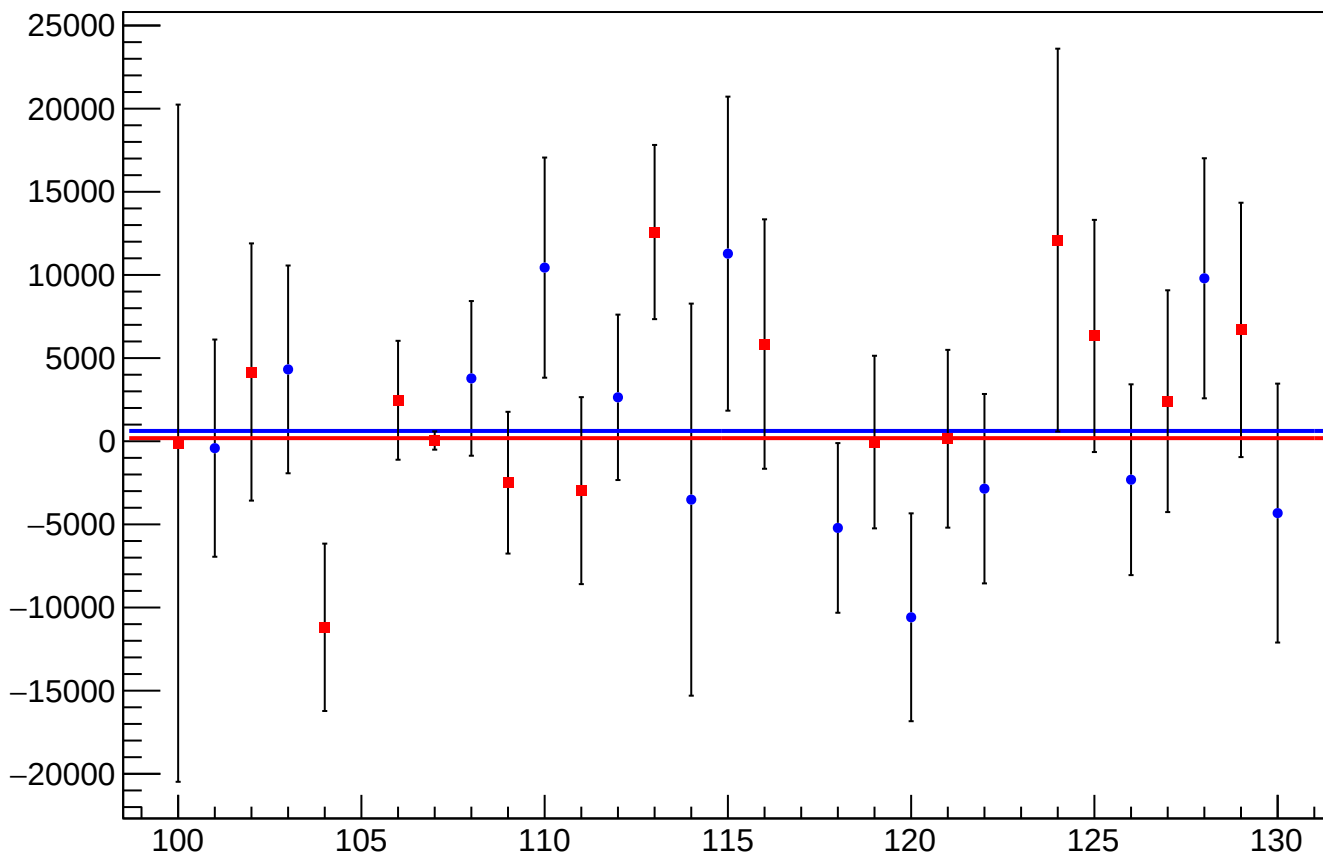
Right: 1876.656+/-0.399 χ^2/NDF : 548142.2/27

In: 1859.941+/-0.564 χ^2/NDF : 222478.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1876.656+/-0.399 χ^2/NDF : 548142.2/27

asym_atl1r2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 618.986 $\pm$ 1720.352 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 185.613 $\pm$ 518.547 χ^2 /NDF: 15.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

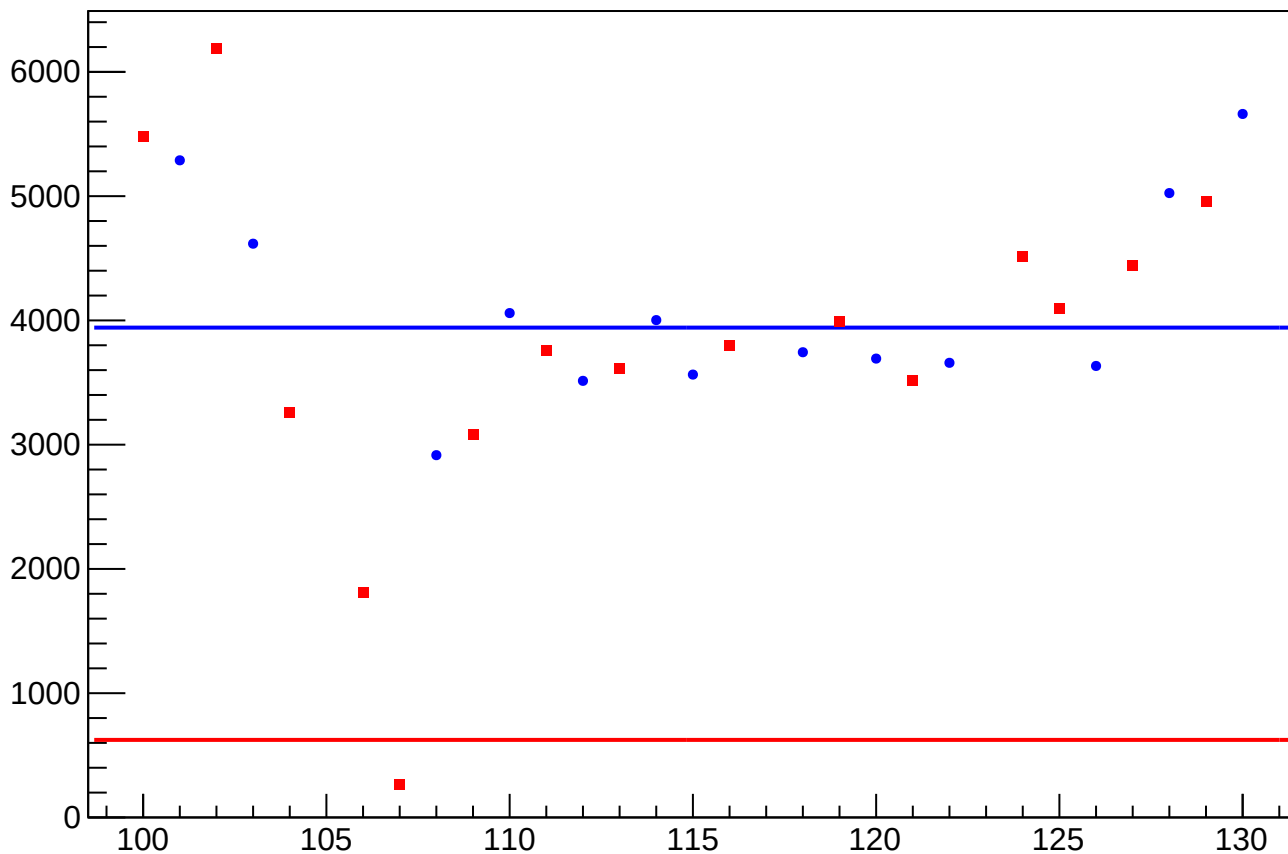
Right: 221.707 $\pm$ 496.484 χ^2 /NDF: 27.2/27

In: 618.986 $\pm$ 1720.352 χ^2 /NDF:11.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 221.707 $\pm$ 496.484 χ^2 /NDF: 27.2/27

asym_atl1r2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3942.124+/-1.216 χ^2/NDF : 384008.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 624.150+/-0.367 χ^2/NDF : 8515860.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

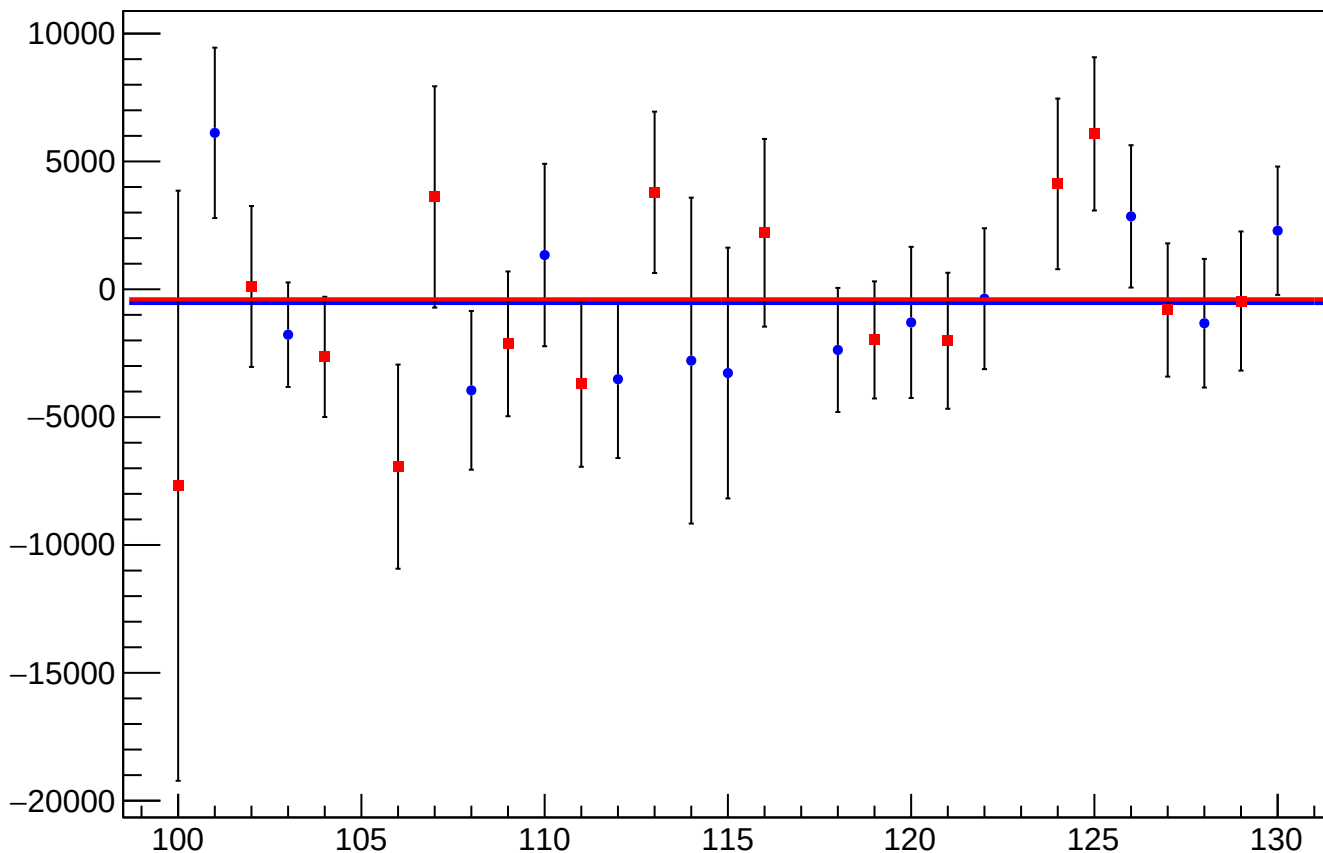
Right: 900.493+/-0.351 χ^2/NDF : 15719723.3/27

In: 3942.124+/-1.216 χ^2/NDF : 384008.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 900.493+/-0.351 χ^2/NDF : 15719723.3/27

dit_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -538.147 $\pm$ 804.446 χ^2 /NDF: 10.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -389.796 $\pm$ 787.124 χ^2 /NDF: 15.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

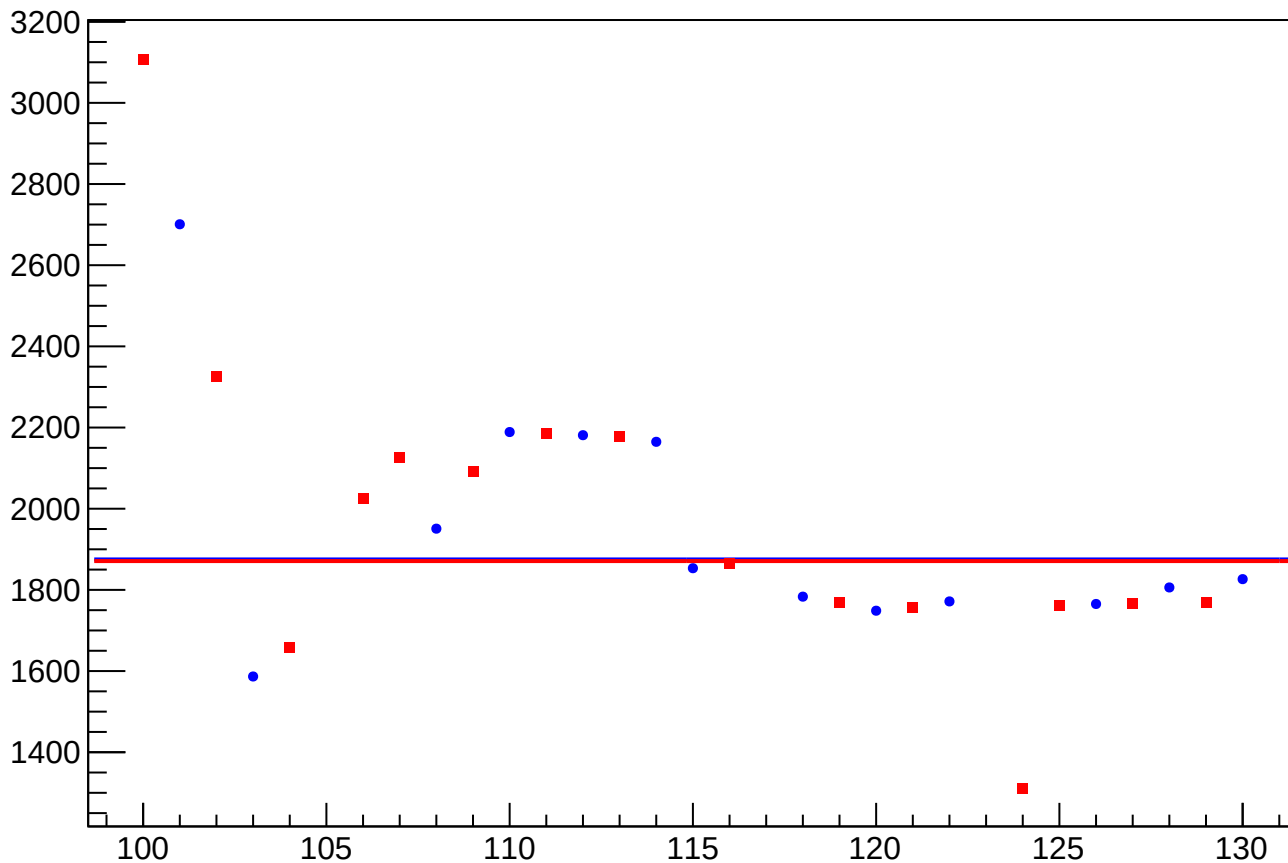
Right: -462.357 $\pm$ 562.605 χ^2 /NDF: 26.6/27

In: -538.147 $\pm$ 804.446 χ^2 /NDF:10.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -462.357 $\pm$ 562.605 χ^2 /NDF: 26.6/27

dit_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1874.995+/-0.569 χ^2/NDF : 217952.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1870.982+/-0.556 χ^2/NDF : 213881.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

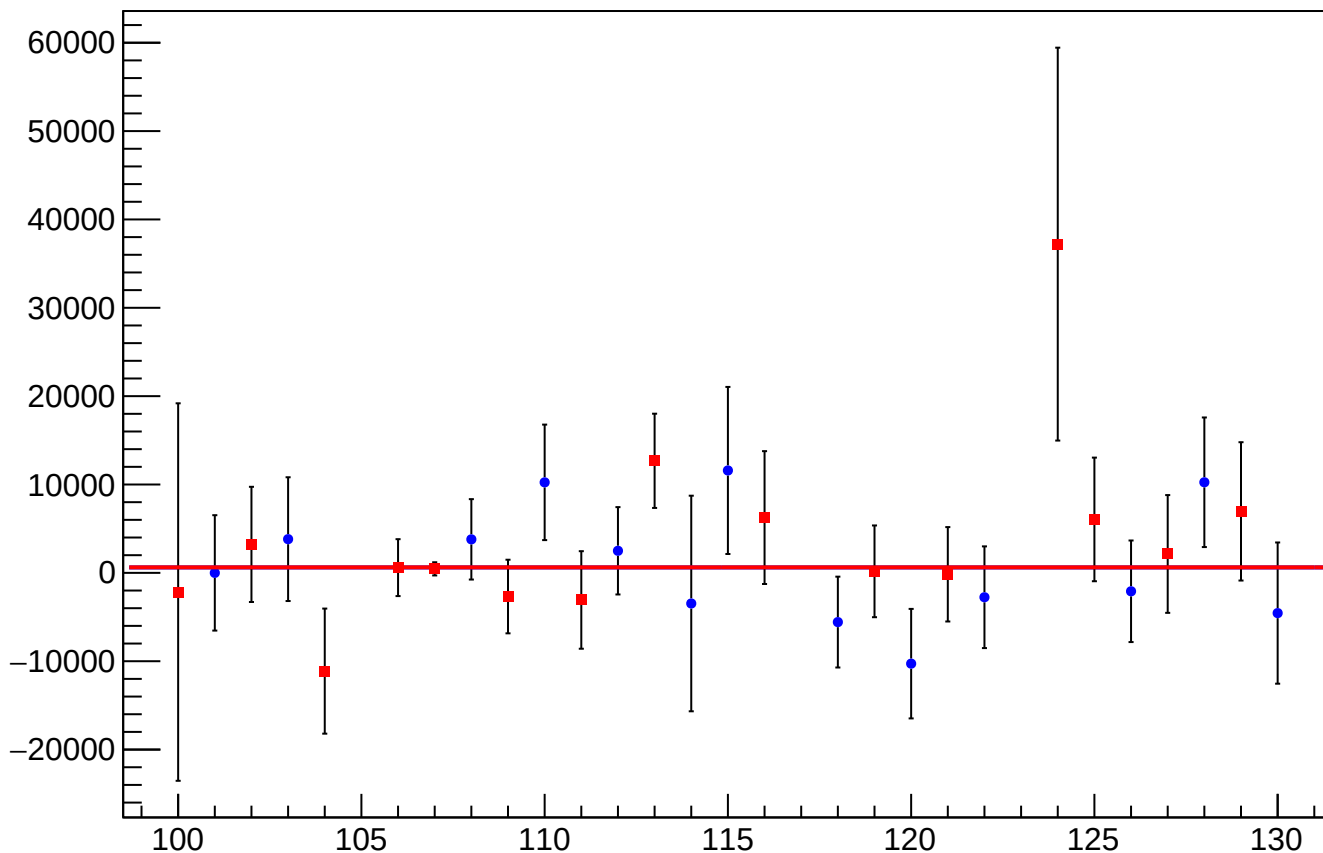
Right: 1872.942+/-0.398 χ^2/NDF : 431859.6/27

In: 1874.995+/-0.569 χ^2/NDF : 217952.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1872.942+/-0.398 χ^2/NDF : 431859.6/27

asym_atl1r2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 612.936+/-1733.038 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 624.895+/-671.590 χ^2/NDF : 13.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

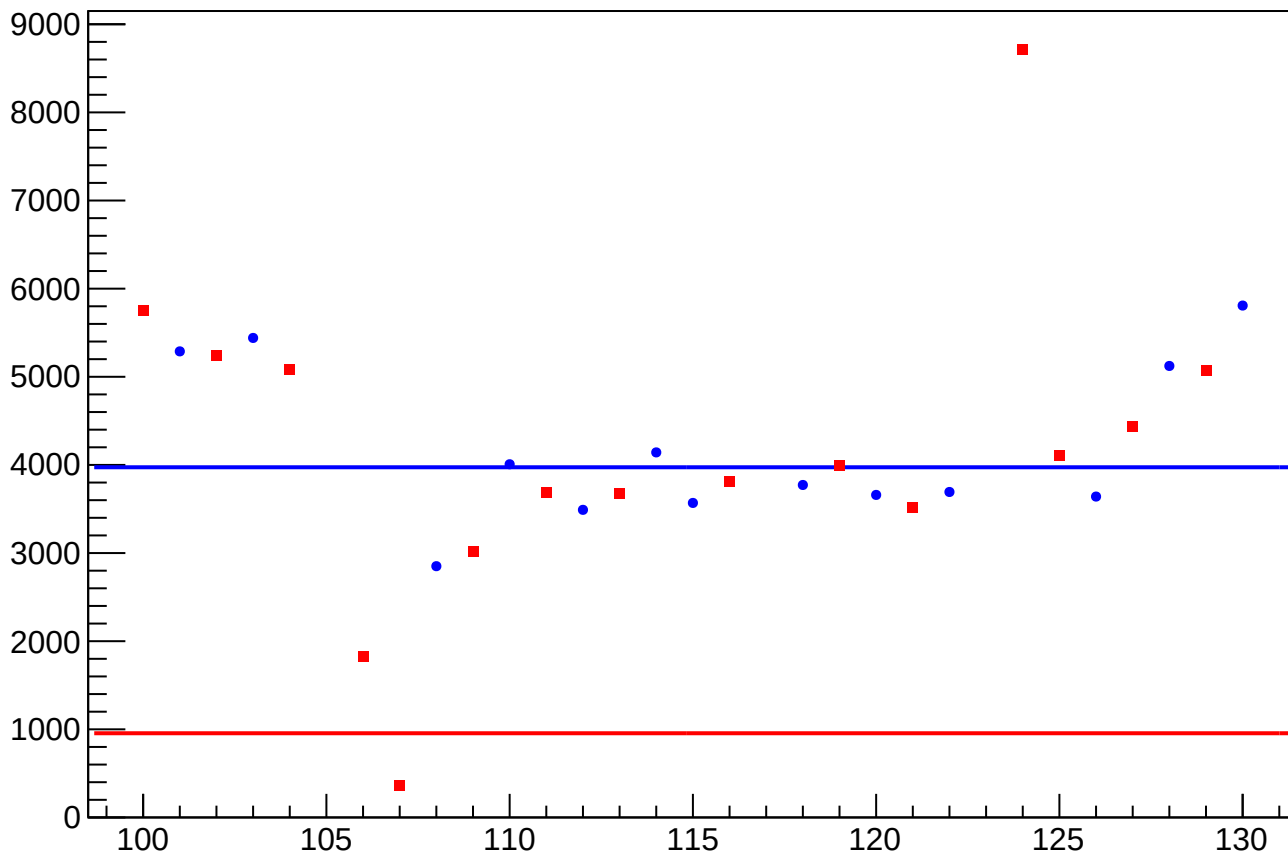
Right: 623.333+/-626.214 χ^2/NDF : 25.5/27

In: 612.936+/-1733.038 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 623.333+/-626.214 χ^2/NDF : 25.5/27

asym_atl1r2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3973.402+/-1.225 χ^2/NDF : 487964.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 955.454+/-0.475 χ^2/NDF : 7718068.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

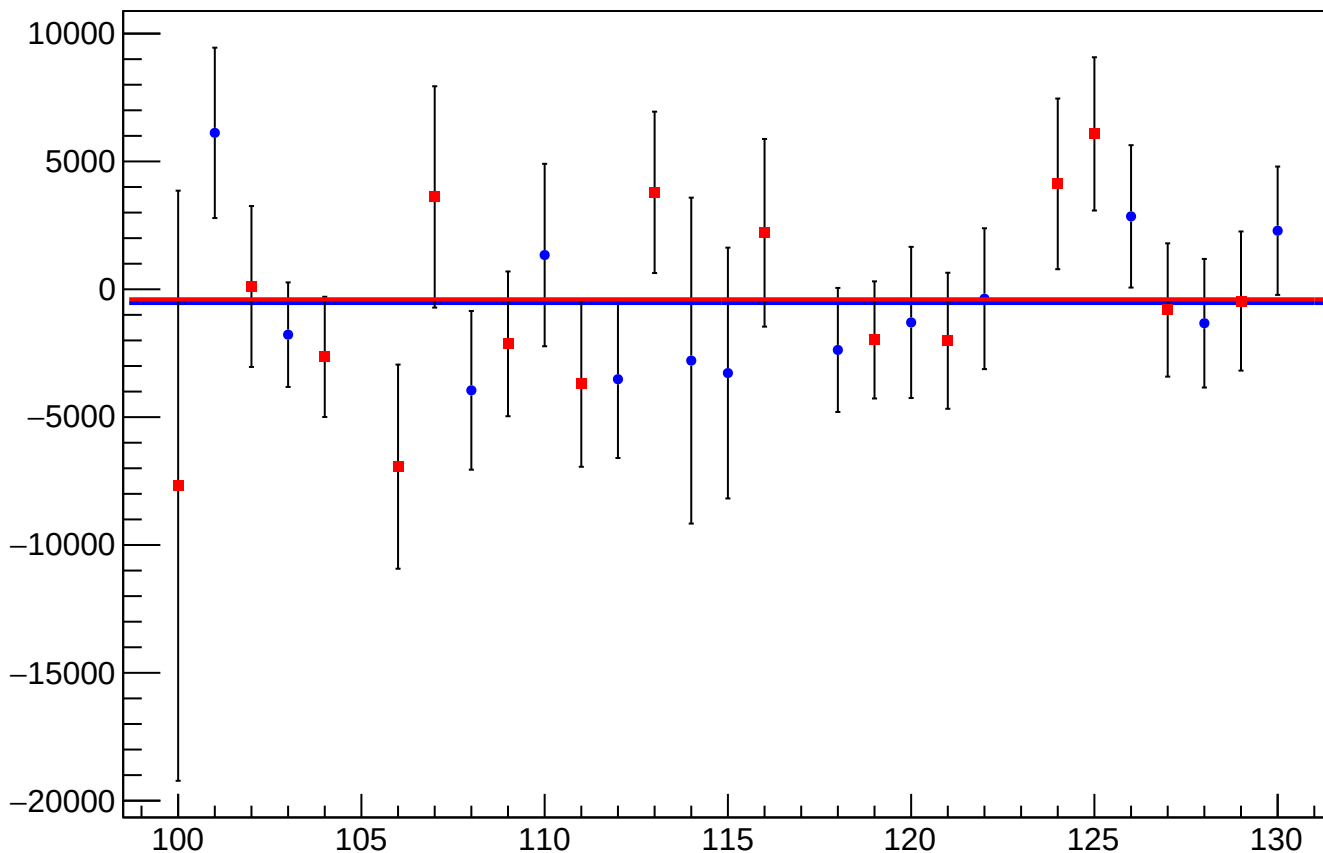
Right: 1349.494+/-0.443 χ^2/NDF : 13479226.9/27

In: 3973.402+/-1.225 χ^2/NDF : 487964.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1349.494+/-0.443 χ^2/NDF : 13479226.9/27

eigen_dit_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -538.148 $\pm$ 804.446 χ^2 /NDF: 10.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -389.802 $\pm$ 787.124 χ^2 /NDF: 15.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

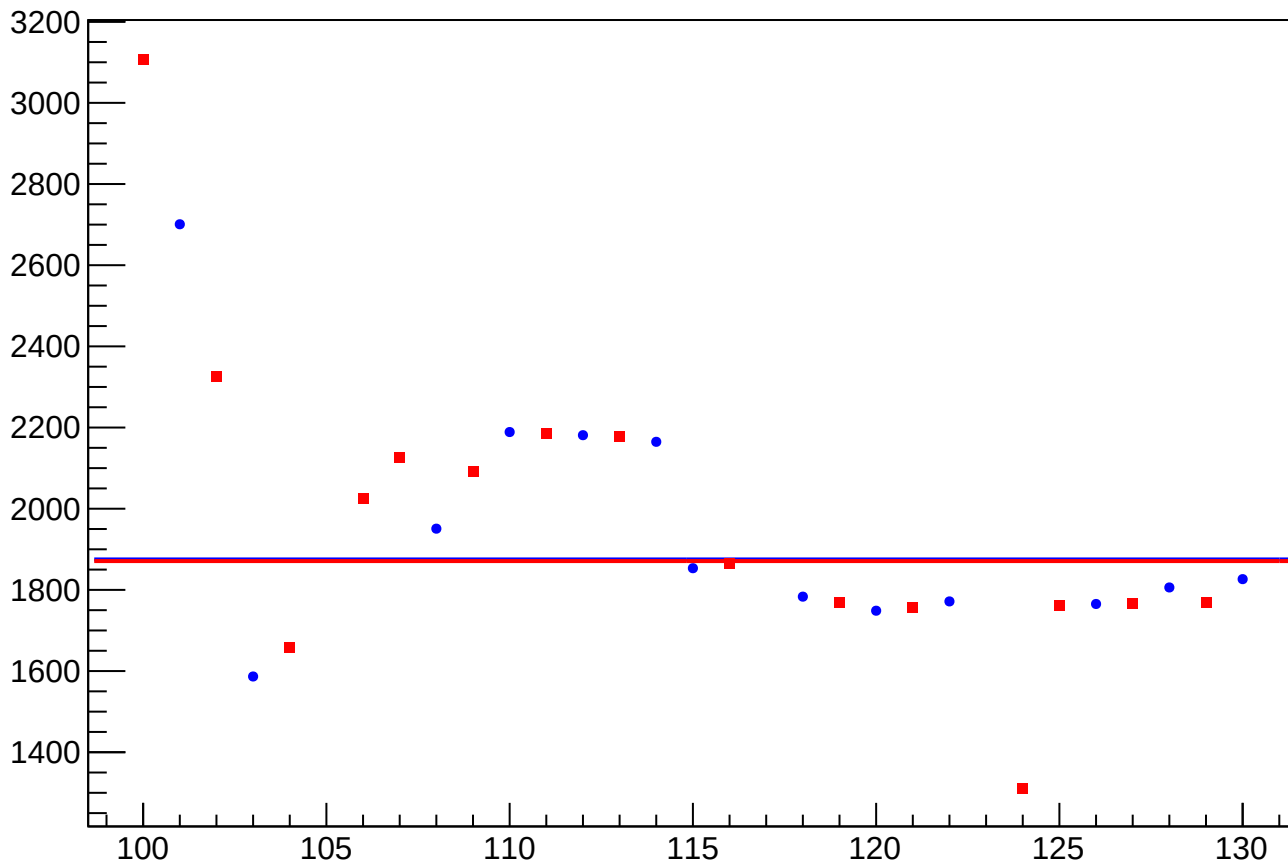
Right: -462.360 $\pm$ 562.605 χ^2 /NDF: 26.6/27

In: -538.148 $\pm$ 804.446 χ^2 /NDF:10.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -462.360 $\pm$ 562.605 χ^2 /NDF: 26.6/27

eigen_dit_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1874.995+/-0.569 χ^2/NDF : 217952.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1870.981+/-0.556 χ^2/NDF : 213882.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

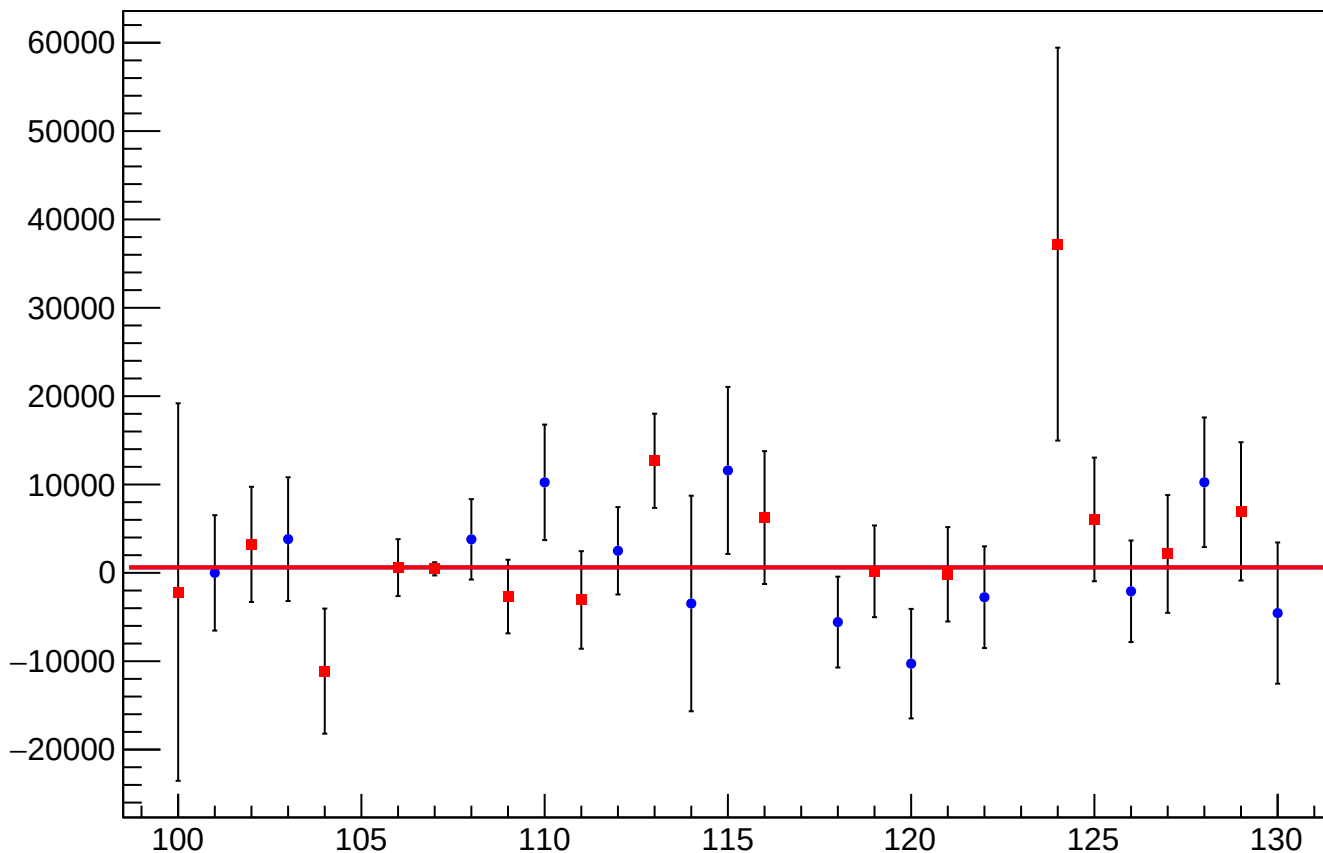
Right: 1872.942+/-0.398 χ^2/NDF : 431860.1/27

In: 1874.995+/-0.569 χ^2/NDF : 217952.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1872.942+/-0.398 χ^2/NDF : 431860.1/27

asym_atl1r2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 612.927+/-1733.034 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 624.907+/-671.601 χ^2/NDF : 13.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

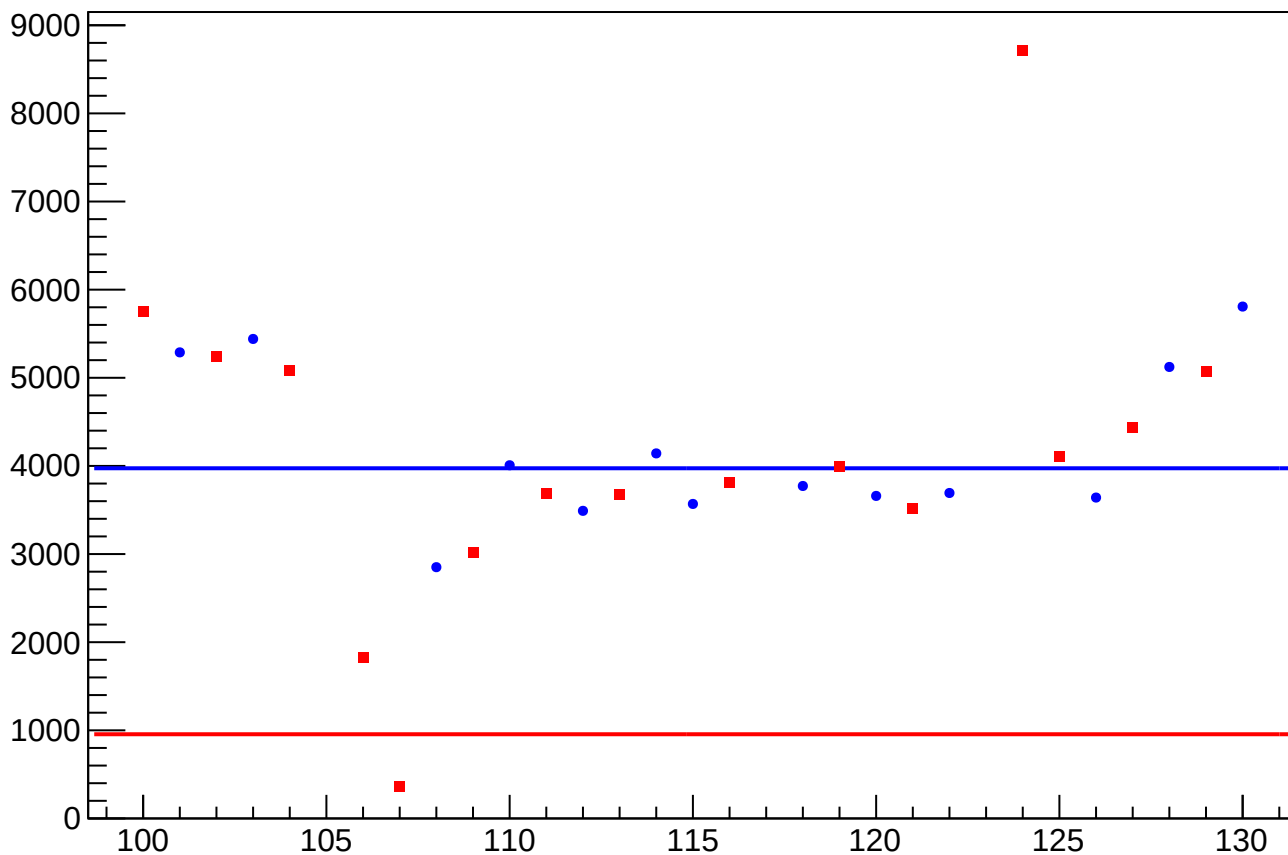
Right: 623.343+/-626.223 χ^2/NDF : 25.5/27

In: 612.927+/-1733.034 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 623.343+/-626.223 χ^2/NDF : 25.5/27

asym_atl1r2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3973.391+/-1.225 χ^2/NDF : 487961.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 955.482+/-0.475 χ^2/NDF : 7717970.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

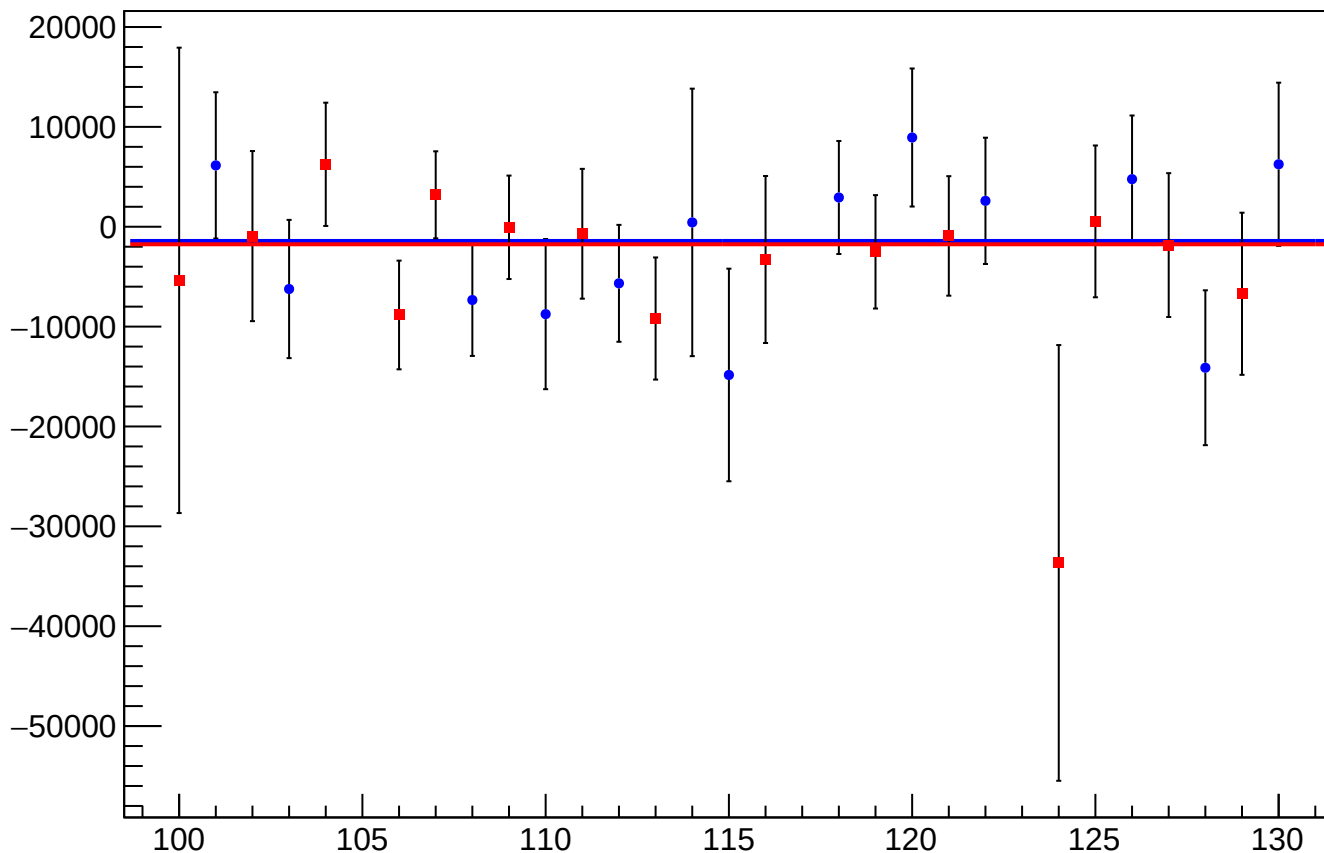
Right: 1349.531+/-0.443 χ^2/NDF : 13478995.1/27

In: 3973.391+/-1.225 χ^2/NDF : 487961.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1349.531+/-0.443 χ^2/NDF : 13478995.1/27

asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1423.957+/-1938.672 χ^2 /NDF: 13.5/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1755.849+/-1707.128 χ^2 /NDF: 9.0/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

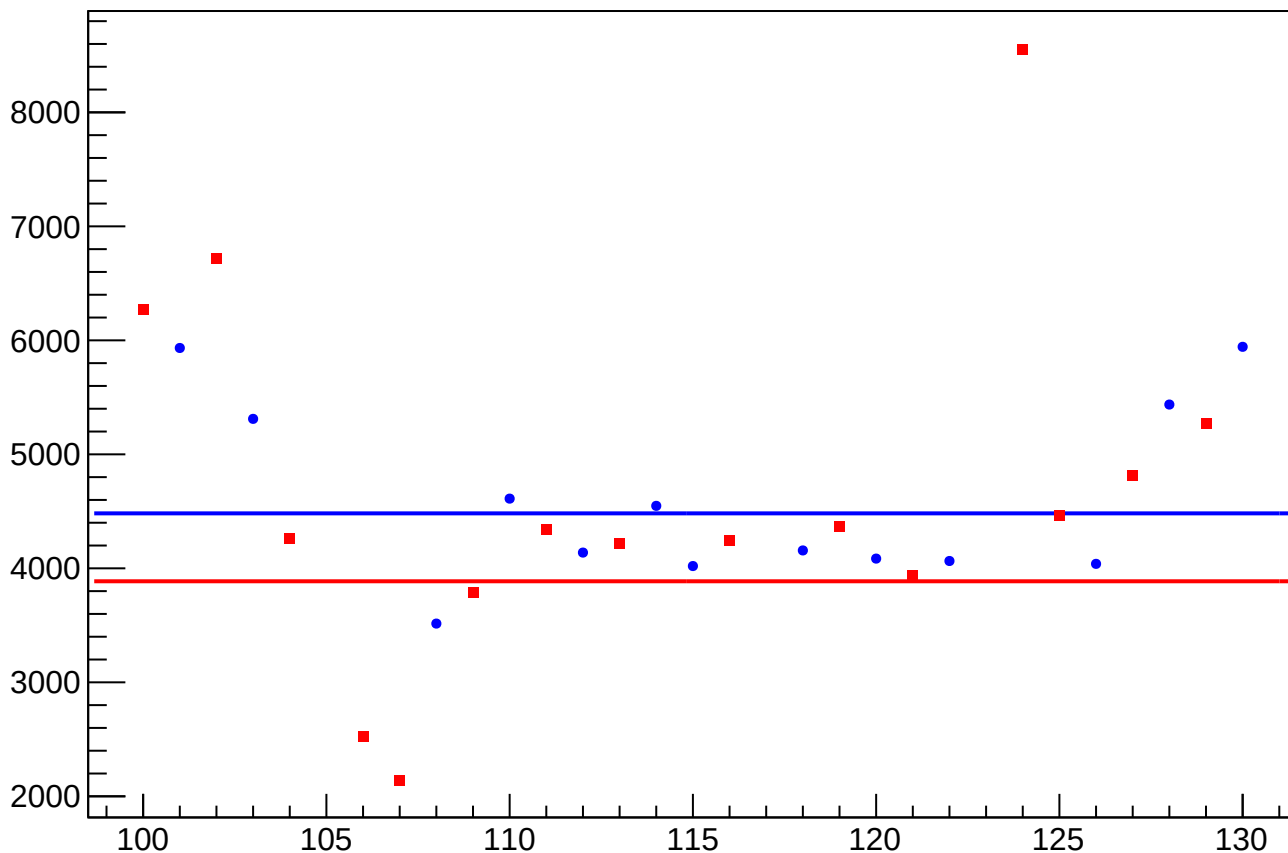
Right: -1610.897+/-1281.205 χ^2 /NDF: 22.5/27

In: -1423.957+/-1938.672 χ^2 /NDF:13.5/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1610.897+/-1281.205 χ^2 /NDF: 22.5/27

asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 4482.229+/-1.371 χ^2/NDF : 303961.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3886.431+/-1.193 χ^2/NDF : 955361.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

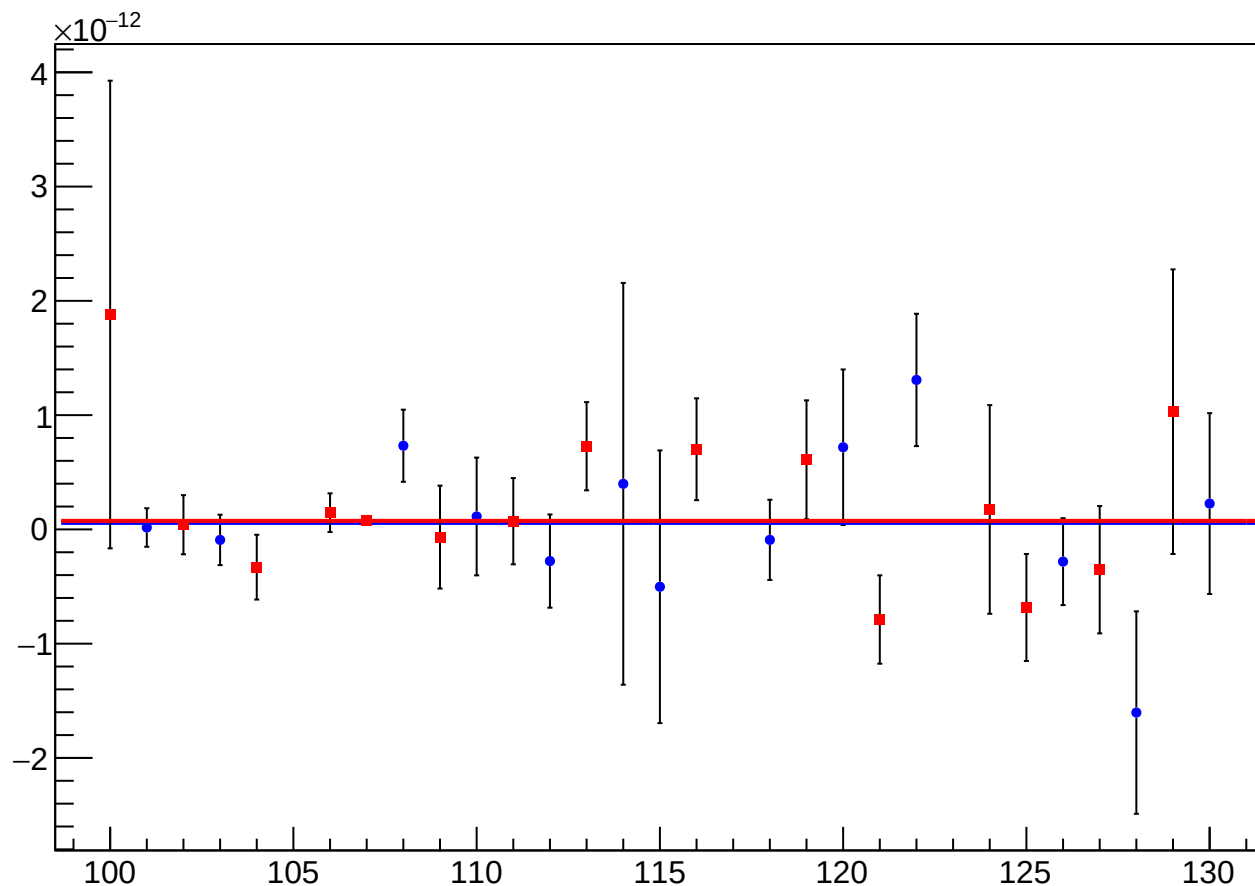
Right: 4143.099+/-0.900 χ^2/NDF : 1366842.4/27

In: 4482.229+/-1.371 χ^2/NDF : 303961.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4143.099+/-0.900 χ^2/NDF : 1366842.4/27

asym_atl1r2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

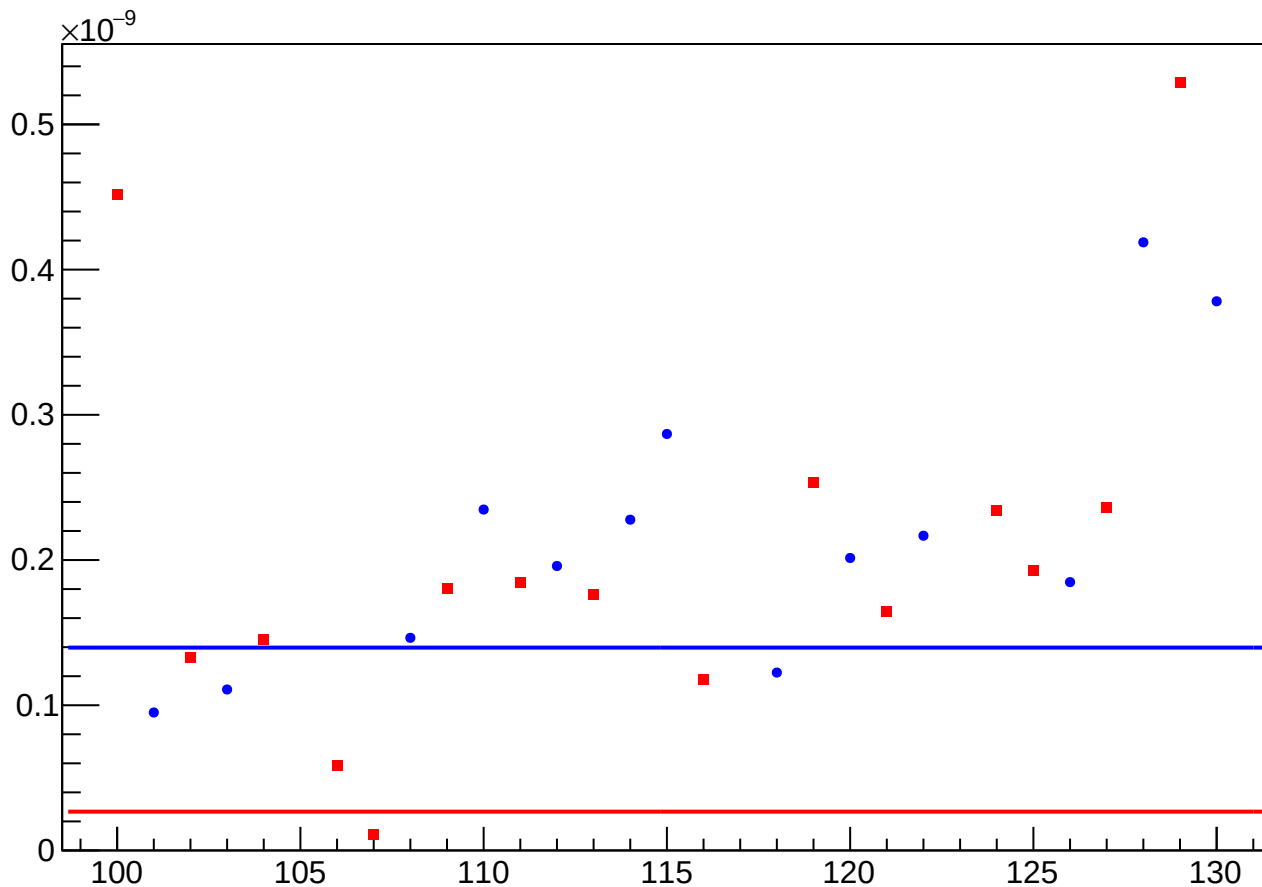
Right: 0.000+/-0.000 χ^2/NDF : 34.0/27

In: 0.000+/-0.000 χ^2/NDF : 16.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 34.0/27

asym_atl1r2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 782328.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3757996.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

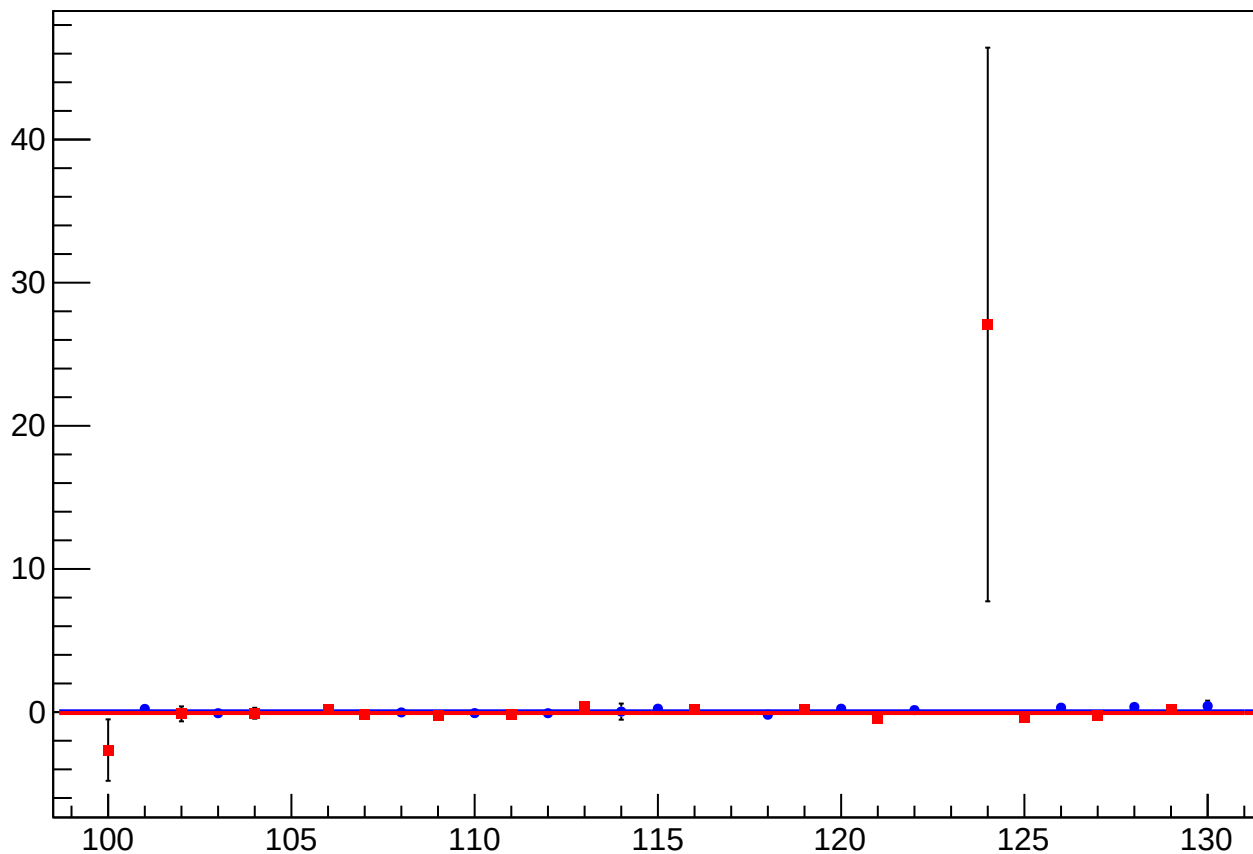
Right: 0.000+/-0.000 χ^2/NDF : 6814868.7/27

In: 0.000+/-0.000 χ^2/NDF : 782328.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6814868.7/27

asym_atl1r2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056 $\pm$ 0.072 χ^2 /NDF: 6.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.066 $\pm$ 0.067 χ^2 /NDF: 16.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

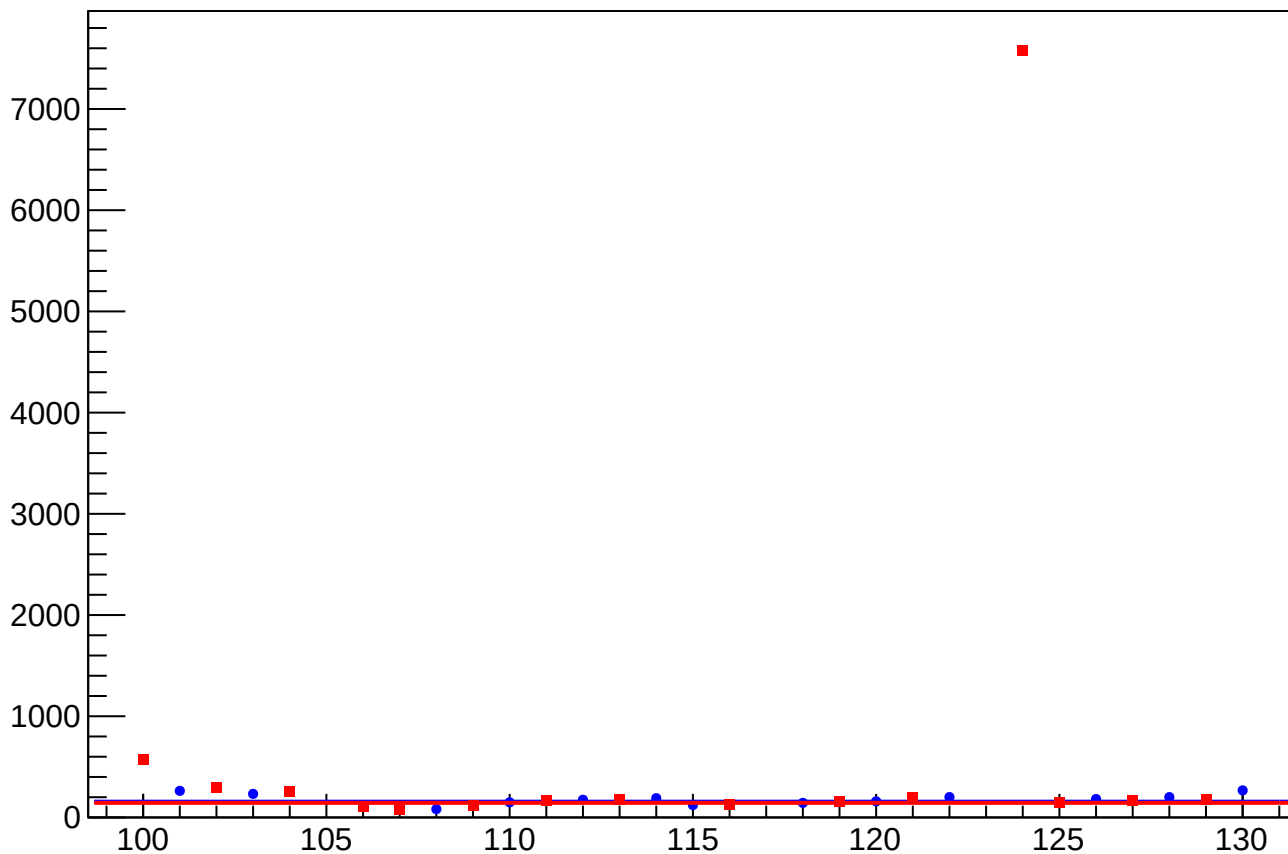
Right: -0.009 $\pm$ 0.049 χ^2 /NDF: 24.4/27

In: 0.056 $\pm$ 0.072 χ^2 /NDF: 6.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.009 $\pm$ 0.049 χ^2 /NDF: 24.4/27

asym_atl1r2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 155.886+/-0.051 χ^2/NDF : 1182452.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.300+/-0.048 χ^2/NDF : 1229715.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

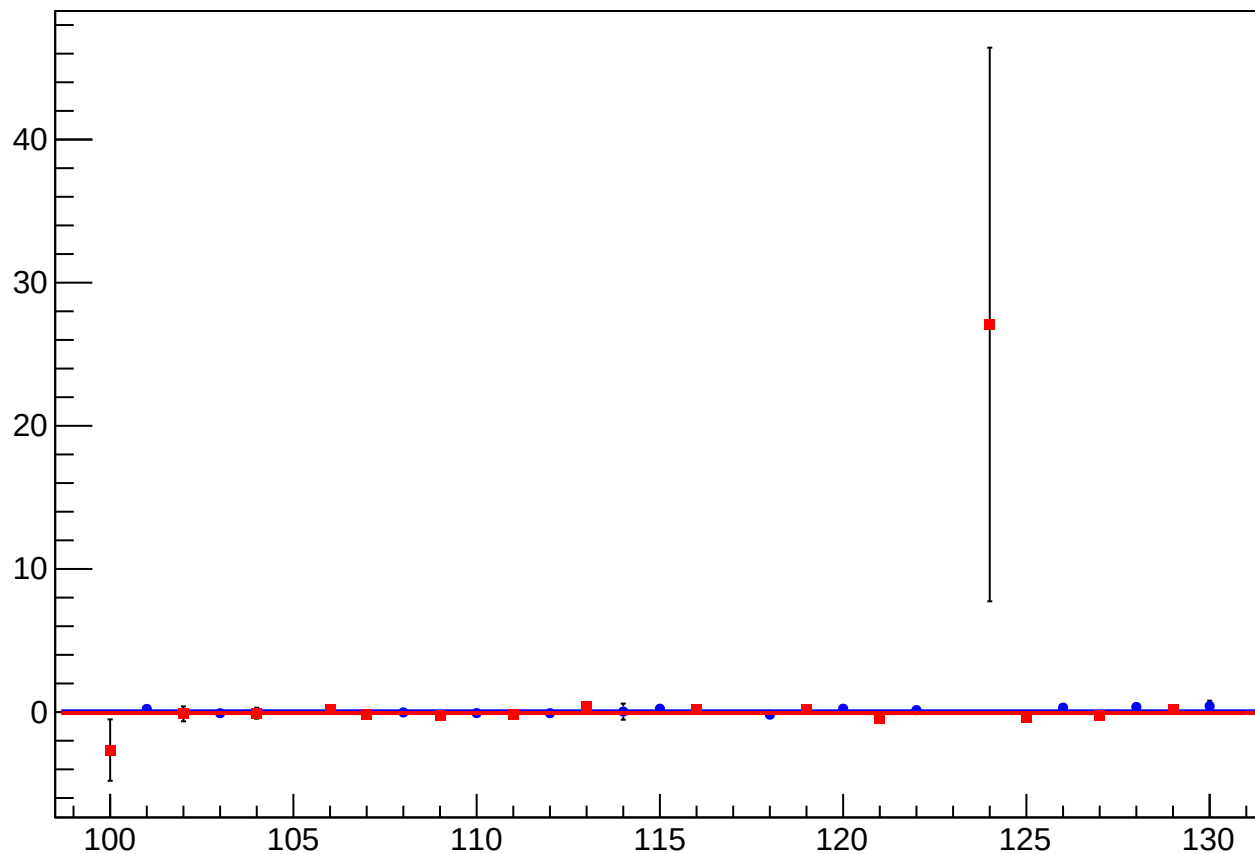
Right: 149.698+/-0.035 χ^2/NDF : 2439730.3/27

In: 155.886+/-0.051 χ^2/NDF : 1182452.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.698+/-0.035 χ^2/NDF : 2439730.3/27

asym_atl1r2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056+/-0.072 χ^2/NDF : 6.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.066+/-0.067 χ^2/NDF : 16.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

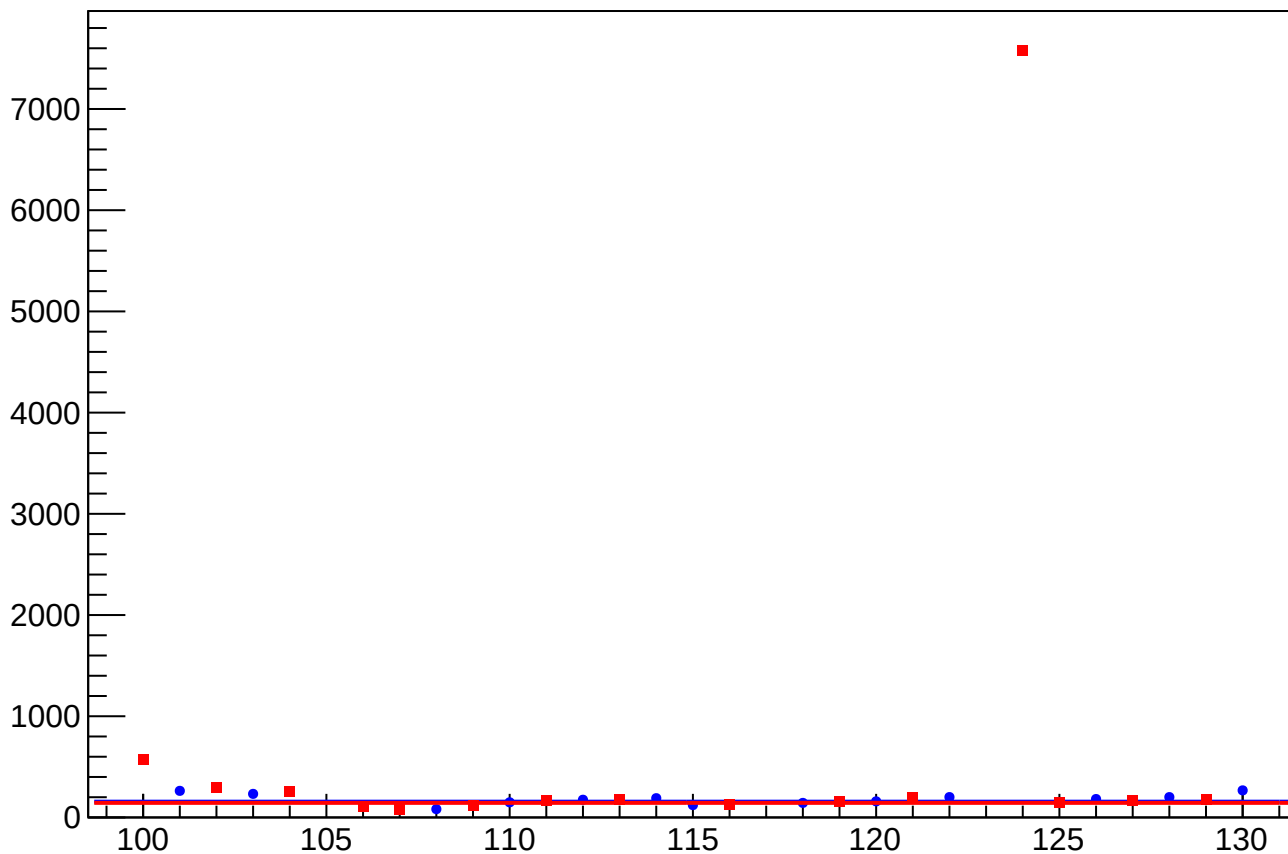
Right: -0.009+/-0.049 χ^2/NDF : 24.4/27

In: 0.056+/-0.072 χ^2/NDF : 6.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.049 χ^2/NDF : 24.4/27

asym_atl1r2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 155.886+/-0.051 χ^2/NDF : 1182452.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.300+/-0.048 χ^2/NDF : 1229715.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

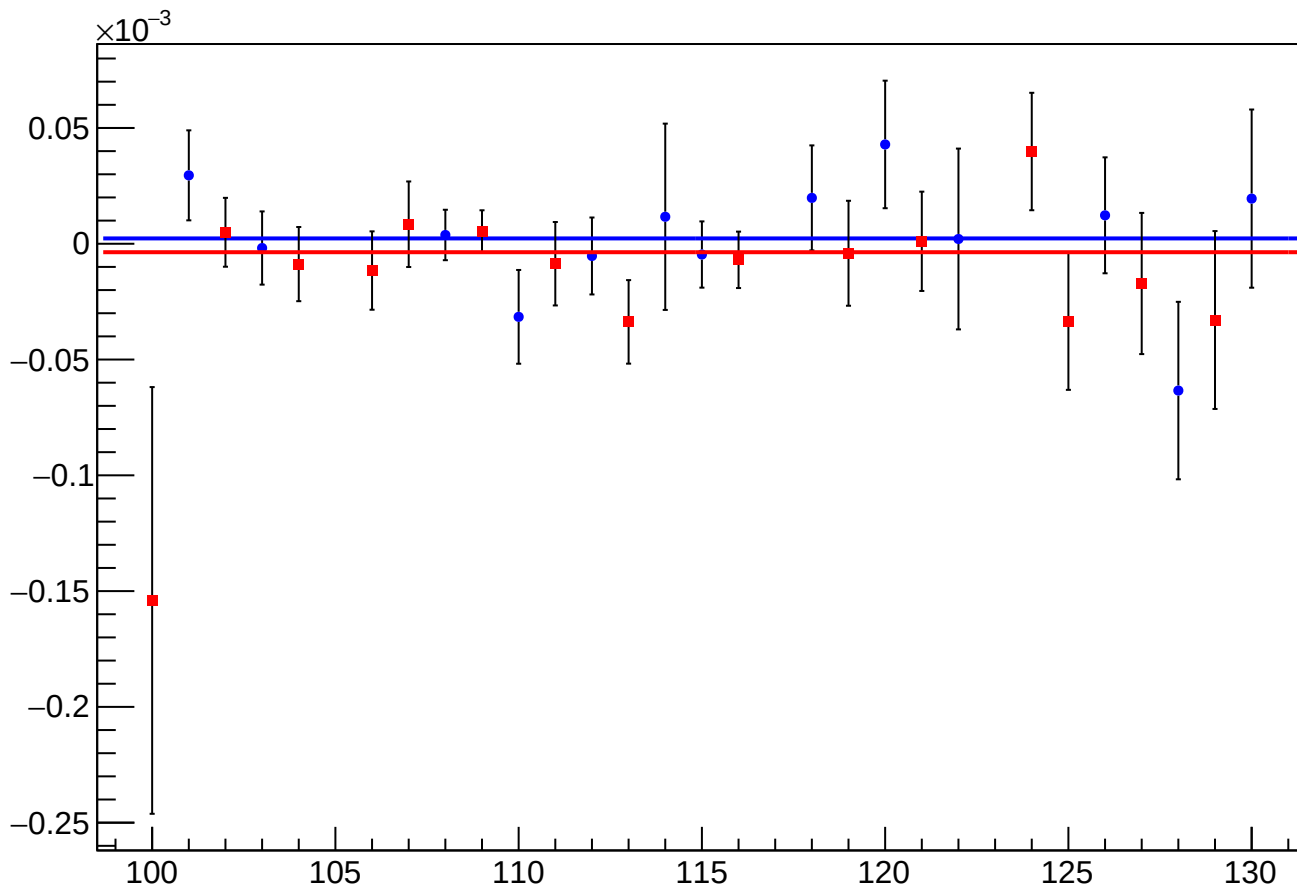
Right: 149.698+/-0.035 χ^2/NDF : 2439730.3/27

In: 155.886+/-0.051 χ^2/NDF : 1182452.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.698+/-0.035 χ^2/NDF : 2439730.3/27

asym_atl1r2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

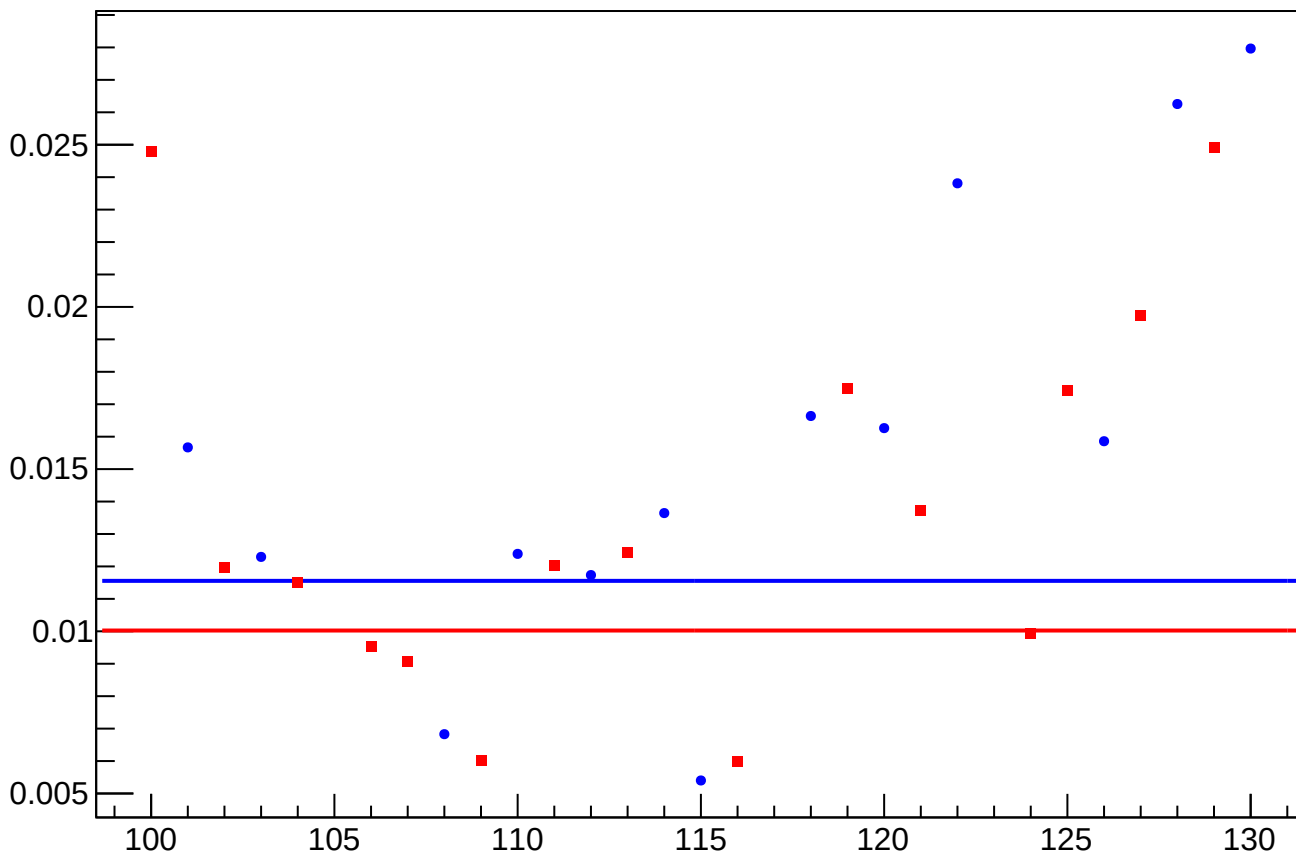
Right: -0.000+/-0.000 χ^2/NDF : 24.6/27

In: 0.000+/-0.000 χ^2/NDF : 11.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.6/27

asym_atl1r2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000

χ^2/NDF : 1923138.9/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000

χ^2/NDF : 1689752.7/14

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.011+/-0.000

χ^2/NDF : 3705988.3/27

In: 0.012+/-0.000

χ^2/NDF : 1923138.9/12

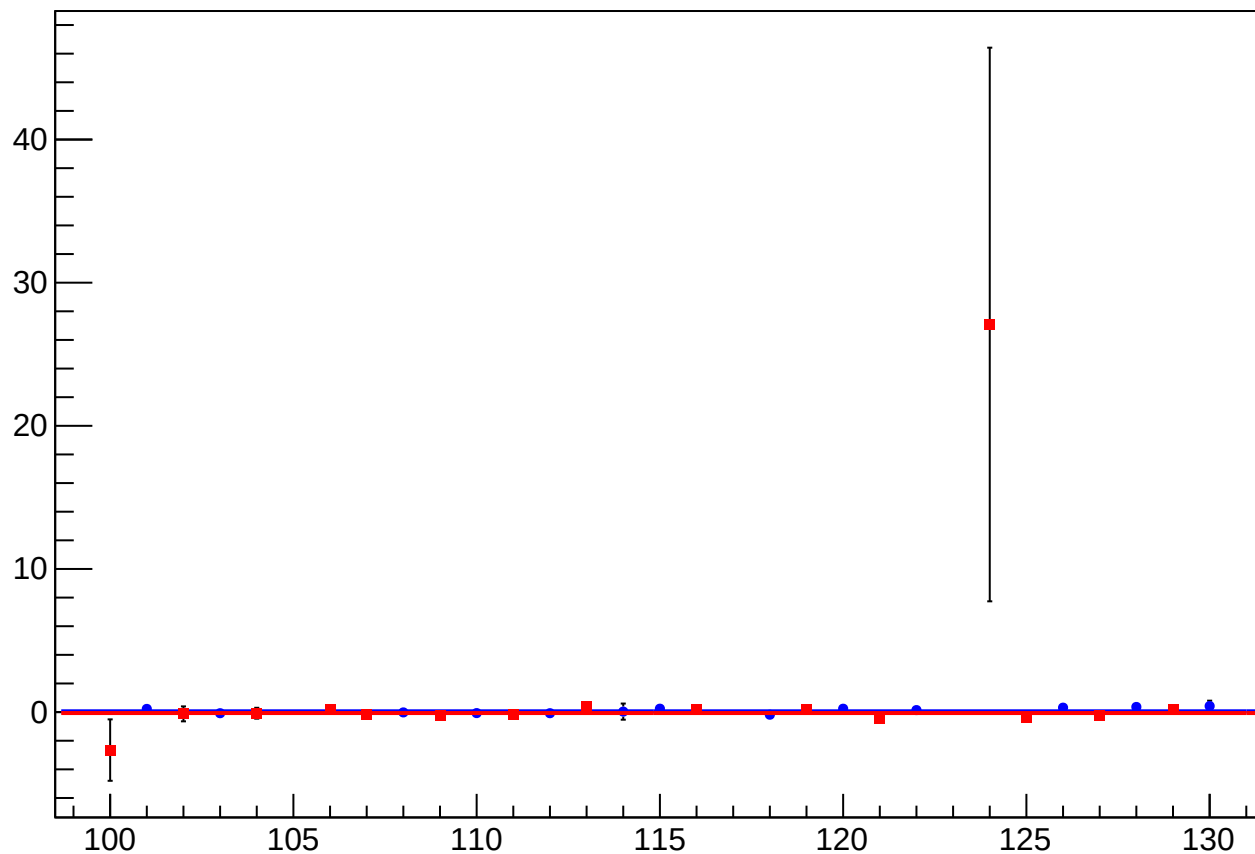
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.011+/-0.000

χ^2/NDF : 3705988.3/27

asym_atl1r2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056+/-0.072 χ^2/NDF : 6.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.066+/-0.067 χ^2/NDF : 16.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

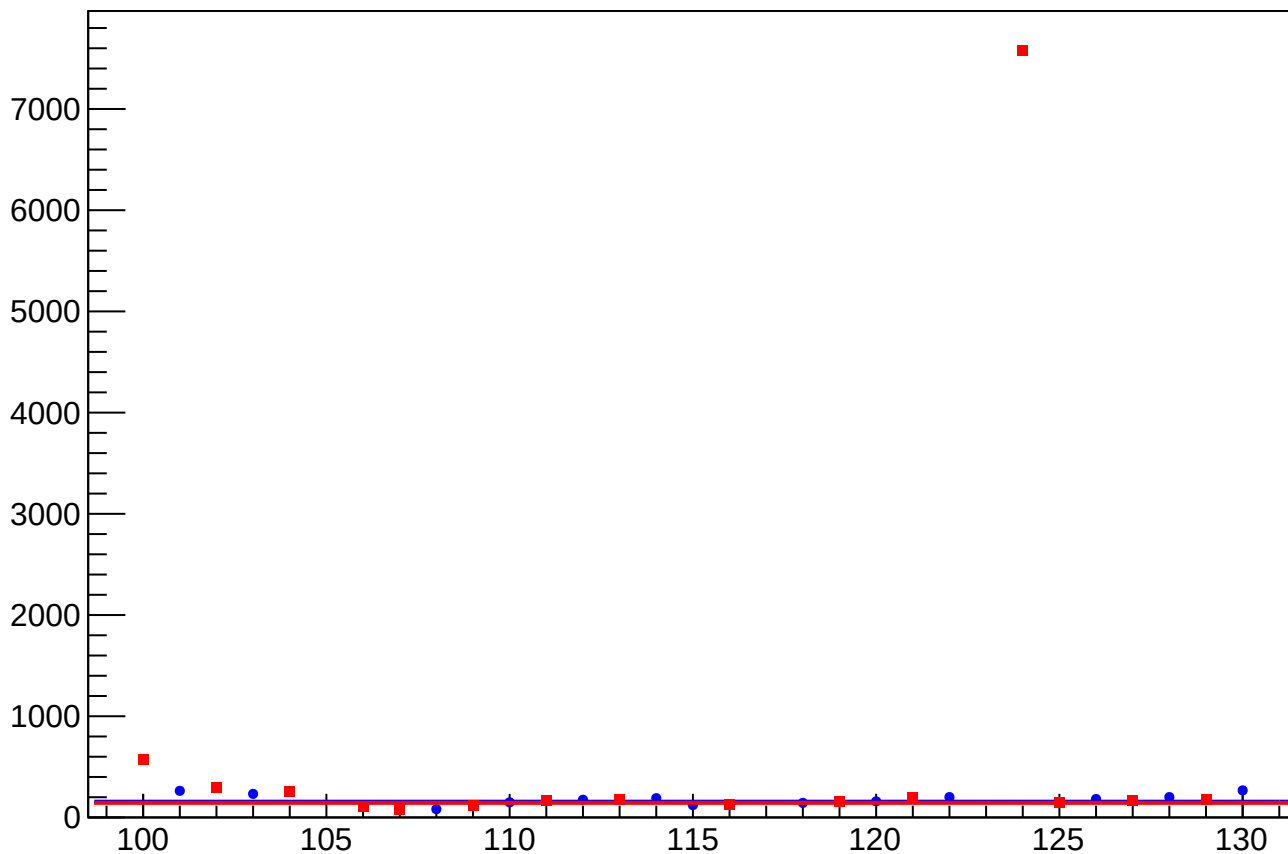
Right: -0.009+/-0.049 χ^2/NDF : 24.4/27

In: 0.056+/-0.072 χ^2/NDF : 6.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.049 χ^2/NDF : 24.4/27

asym_atl1r2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 155.886+/-0.051 χ^2/NDF : 1182404.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 144.300+/-0.048 χ^2/NDF : 1229720.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

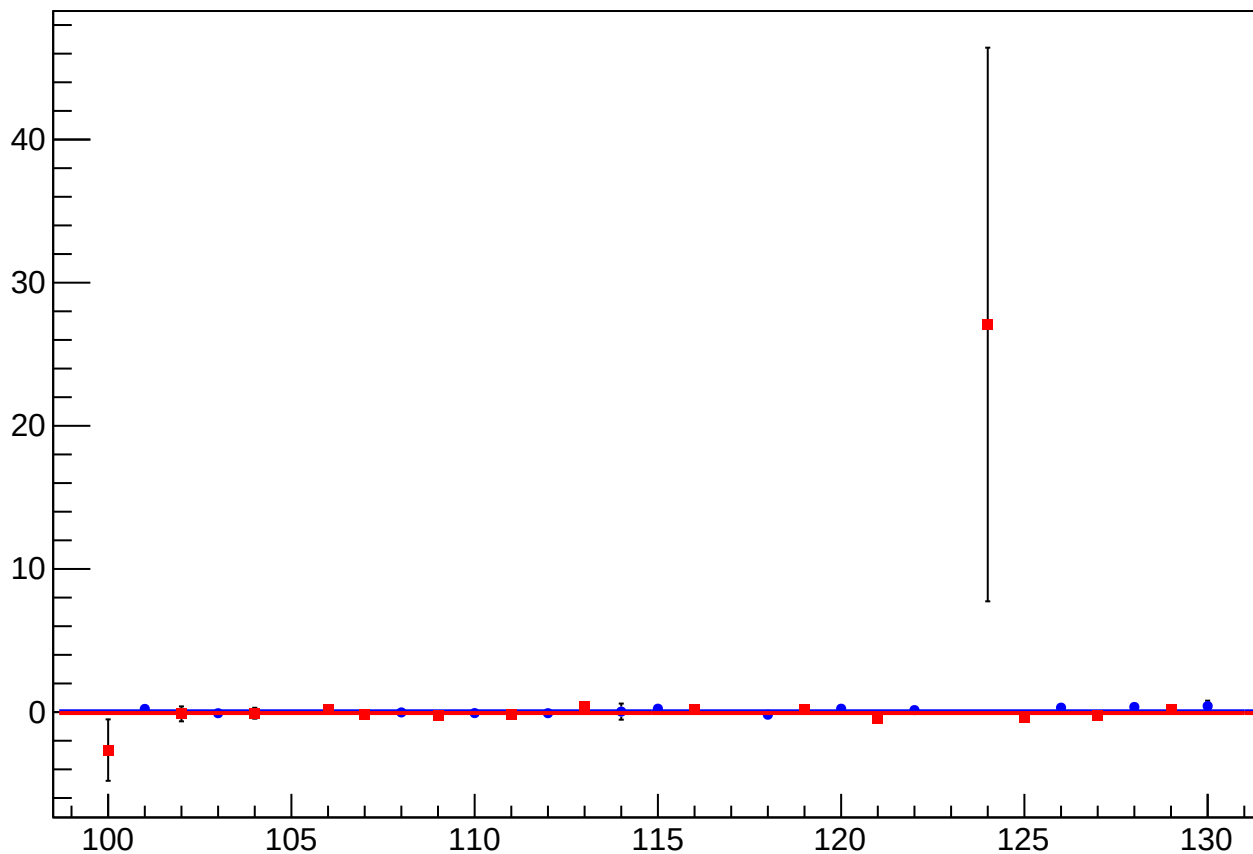
Right: 149.697+/-0.035 χ^2/NDF : 2439686.6/27

In: 155.886+/-0.051 χ^2/NDF :1182404.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 149.697+/-0.035 χ^2/NDF : 2439686.6/27

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056+/-0.072 χ^2/NDF : 6.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.066+/-0.067 χ^2/NDF : 16.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

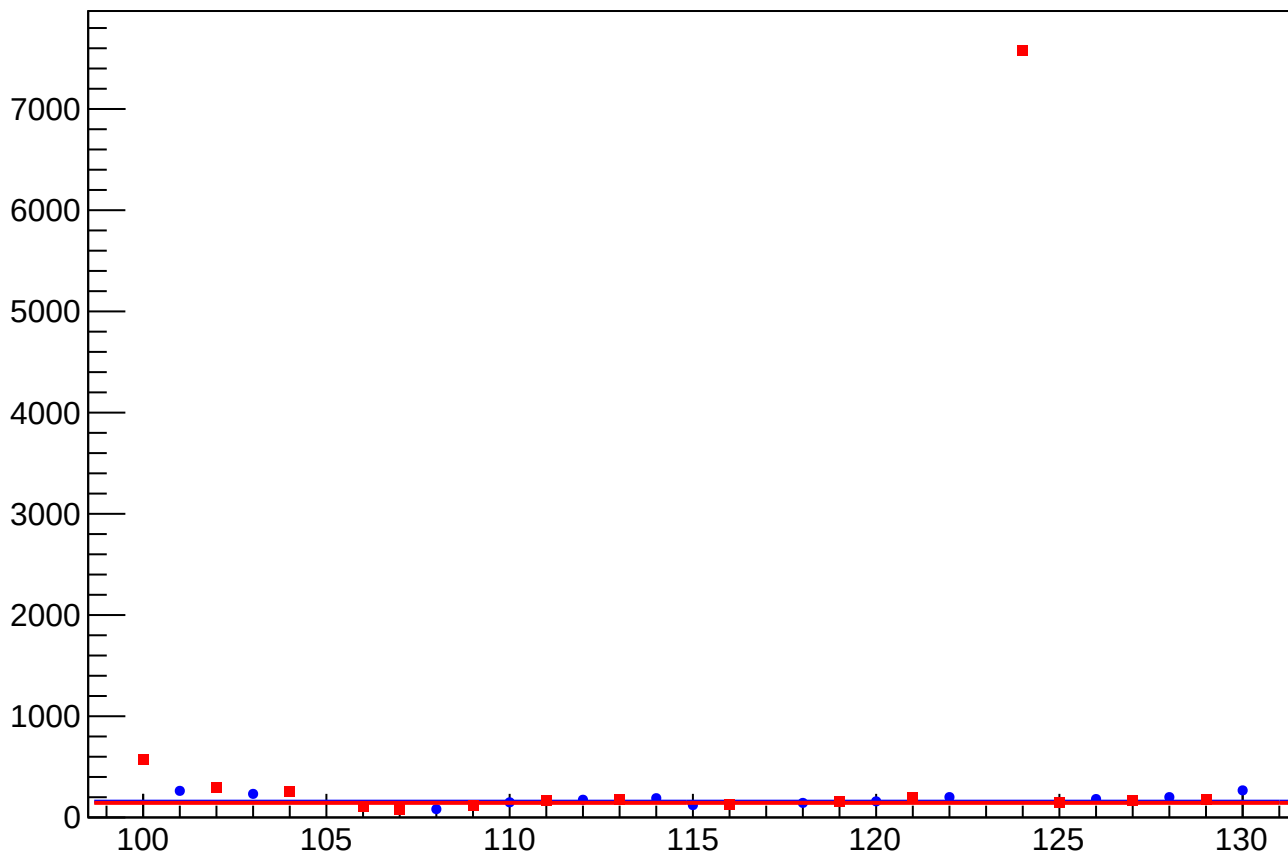
Right: -0.009+/-0.049 χ^2/NDF : 24.4/27

In: 0.056+/-0.072 χ^2/NDF : 6.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.049 χ^2/NDF : 24.4/27

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 155.886+/-0.051 χ^2/NDF : 1182404.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.300+/-0.048 χ^2/NDF : 1229720.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

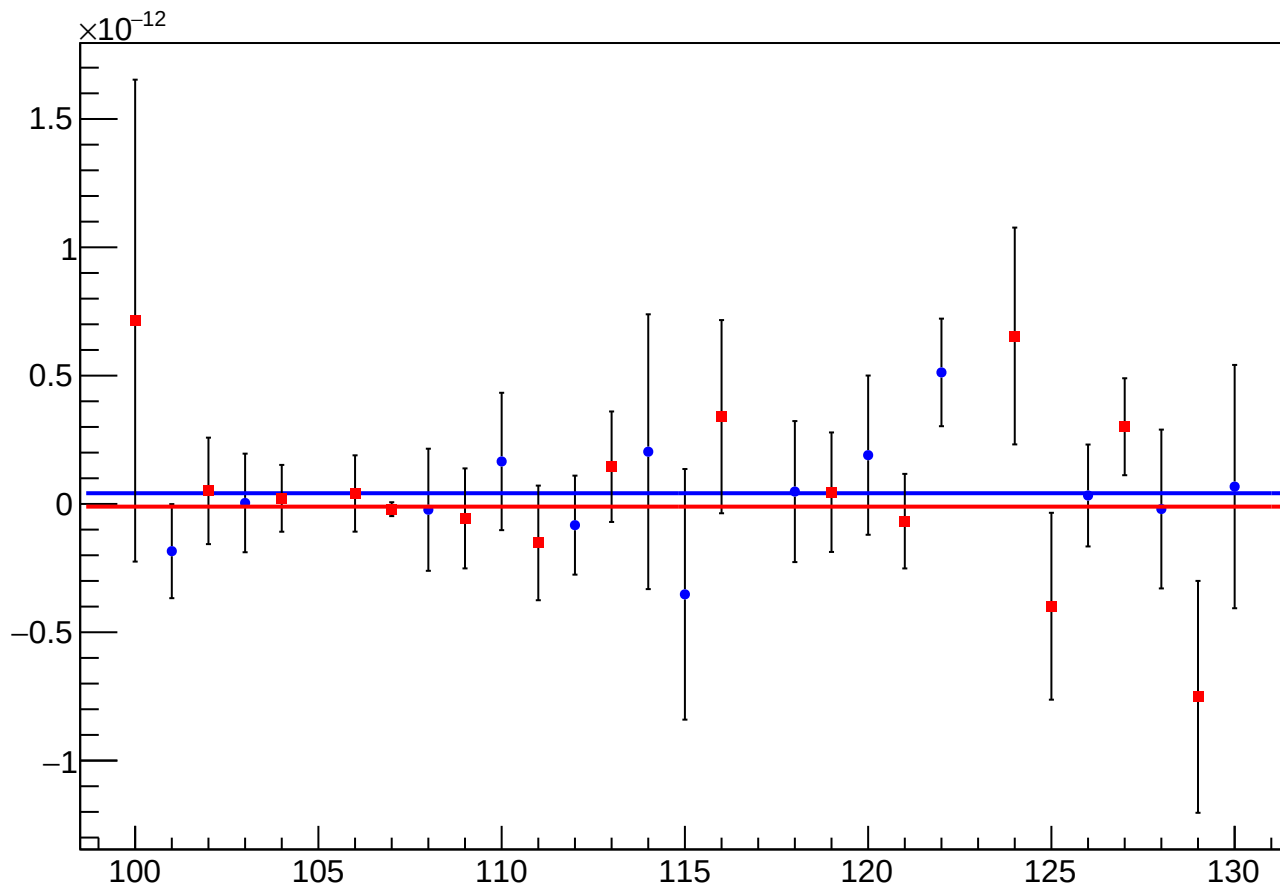
Right: 149.697+/-0.035 χ^2/NDF : 2439686.6/27

In: 155.886+/-0.051 χ^2/NDF : 1182404.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.697+/-0.035 χ^2/NDF : 2439686.6/27

asym_atl1r2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 8.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 12.0/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

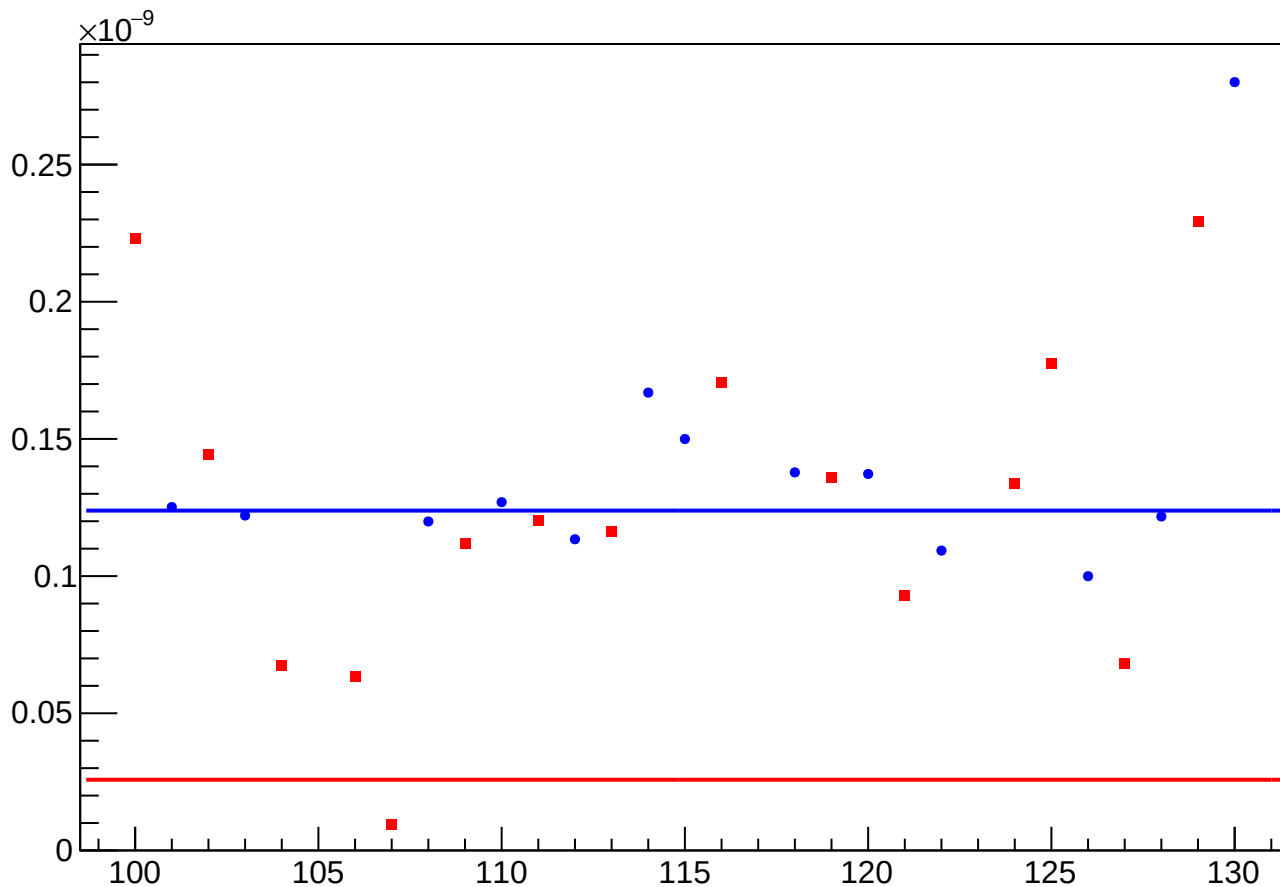
Right: -0.000 ± 0.000 χ^2/NDF : 20.8/27

In: 0.000 ± 0.000 χ^2/NDF : 8.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 20.8/27

asym_atl1r2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 290306.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4891761.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

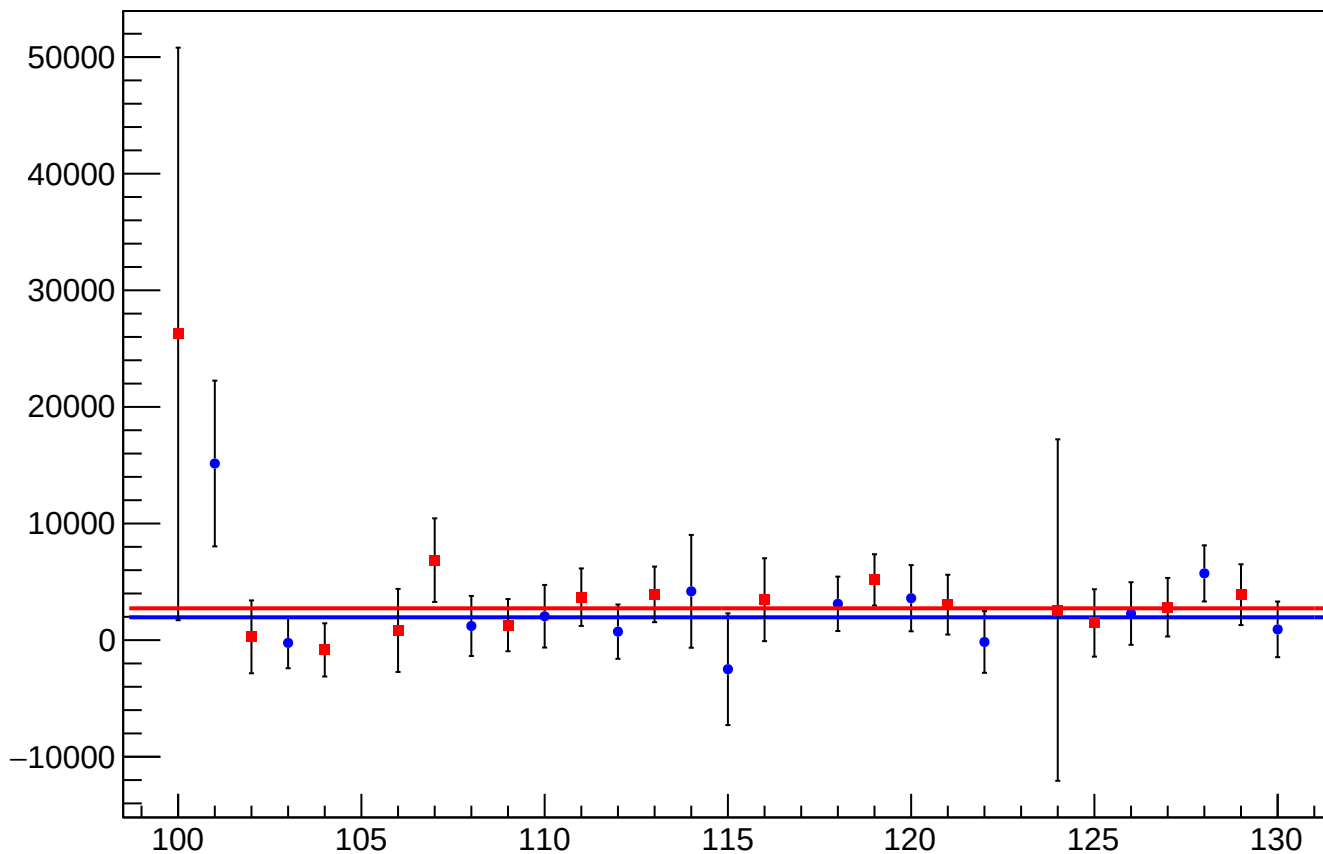
Right: 0.000+/-0.000 χ^2/NDF : 8767570.7/27

In: 0.000+/-0.000 χ^2/NDF :290306.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8767570.7/27

reg_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1957.811+/-760.343 χ^2/NDF : 9.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2729.679+/-733.107 χ^2/NDF : 8.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

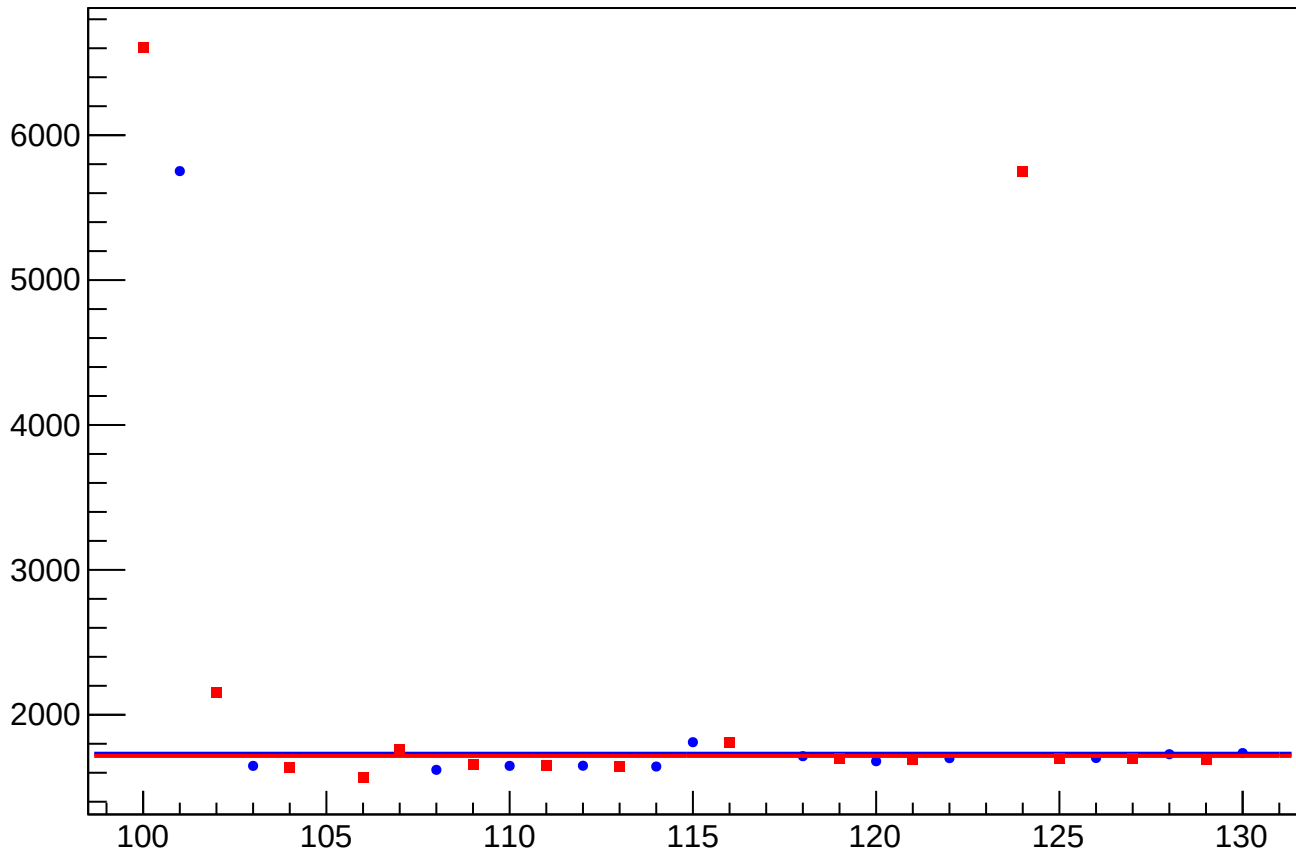
Right: 2357.816+/-527.751 χ^2/NDF : 18.4/27

In: 1957.811+/-760.343 χ^2/NDF : 9.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2357.816+/-527.751 χ^2/NDF : 18.4/27

reg_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1731.407+/-0.538 χ^2/NDF : 654085.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1716.099+/-0.514 χ^2/NDF : 284728.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

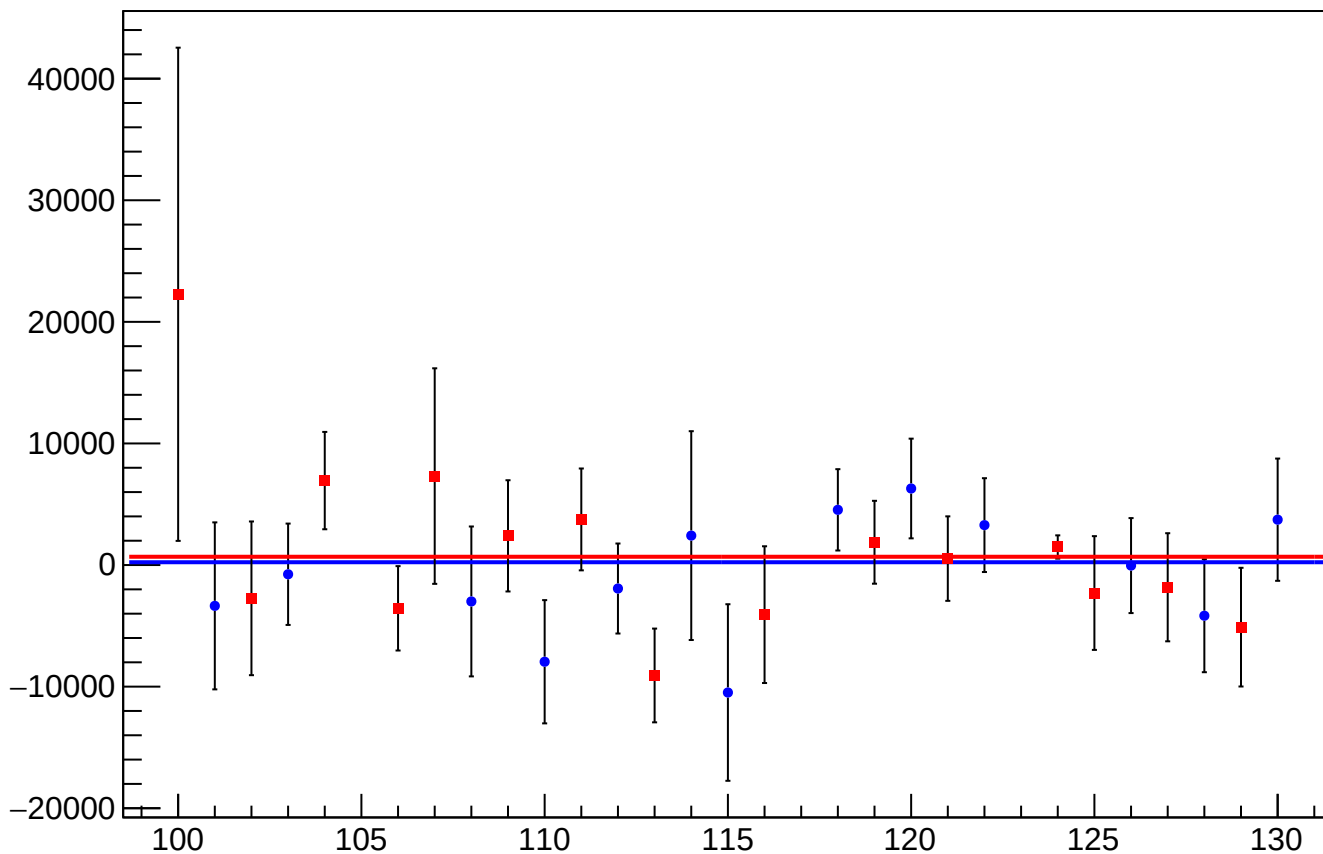
Right: 1723.404+/-0.371 χ^2/NDF : 939237.5/27

In: 1731.407+/-0.538 χ^2/NDF : 654085.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1723.404+/-0.371 χ^2/NDF : 939237.5/27

asym_atr1l2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 230.218+/-1272.942 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 681.677+/-747.813 χ^2/NDF : 16.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

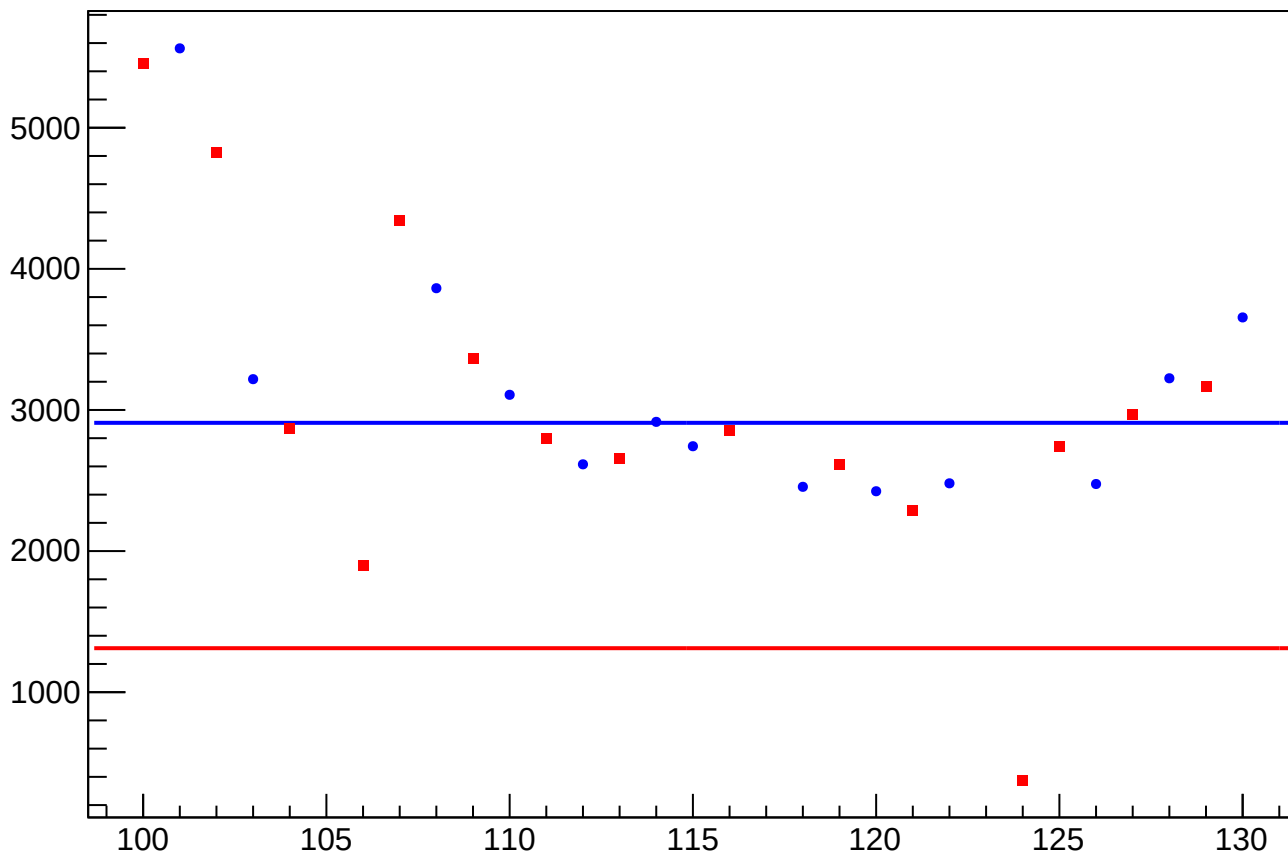
Right: 565.845+/-644.781 χ^2/NDF : 28.4/27

In: 230.218+/-1272.942 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 565.845+/-644.781 χ^2/NDF : 28.4/27

asym_atr1l2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2908.888+/-0.900 χ^2/NDF : 541827.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1311.763+/-0.529 χ^2/NDF : 5474678.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

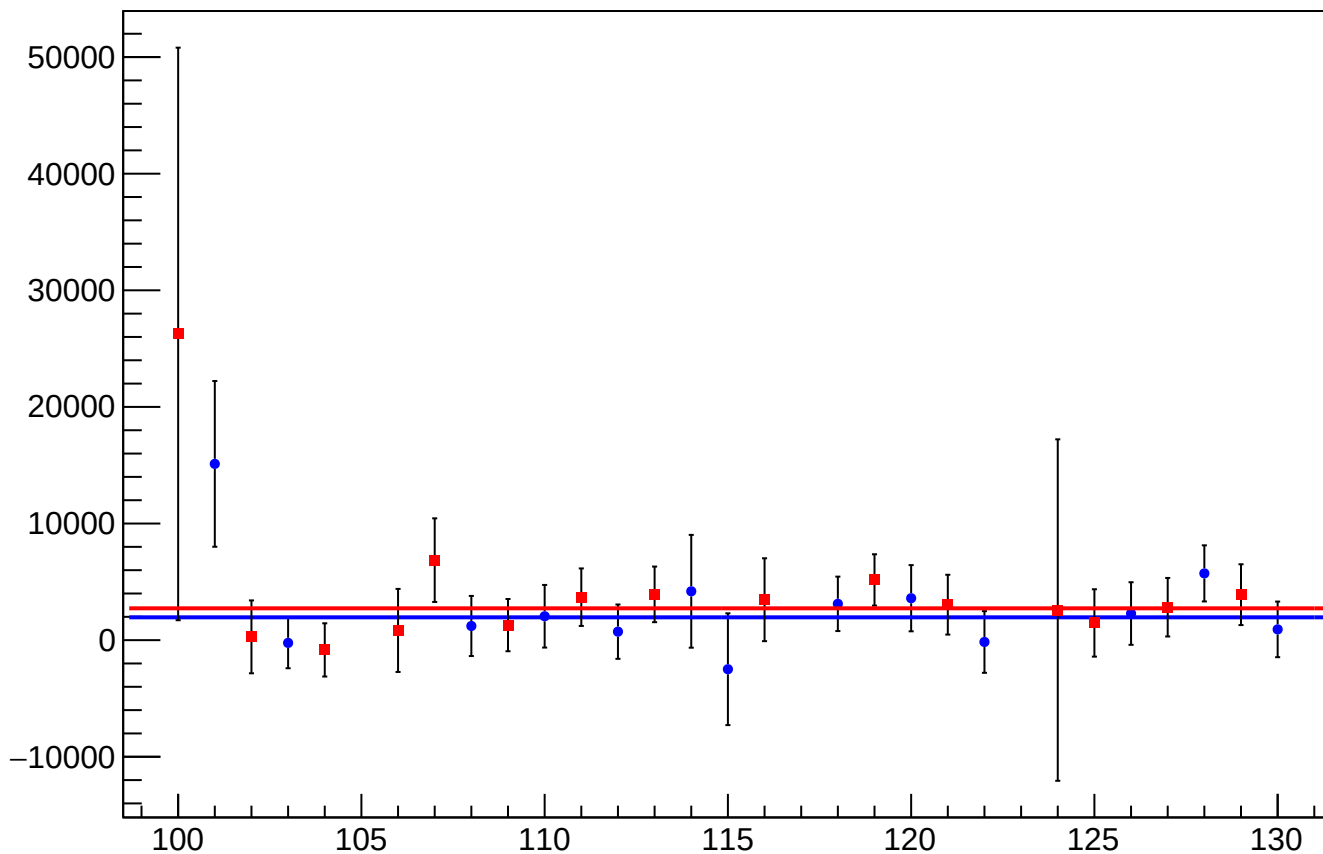
Right: 1721.539+/-0.456 χ^2/NDF : 8357119.8/27

In: 2908.888+/-0.900 χ^2/NDF : 541827.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1721.539+/-0.456 χ^2/NDF : 8357119.8/27

cor_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1957.468+/-760.343 χ^2/NDF : 9.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2729.756+/-733.107 χ^2/NDF : 8.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

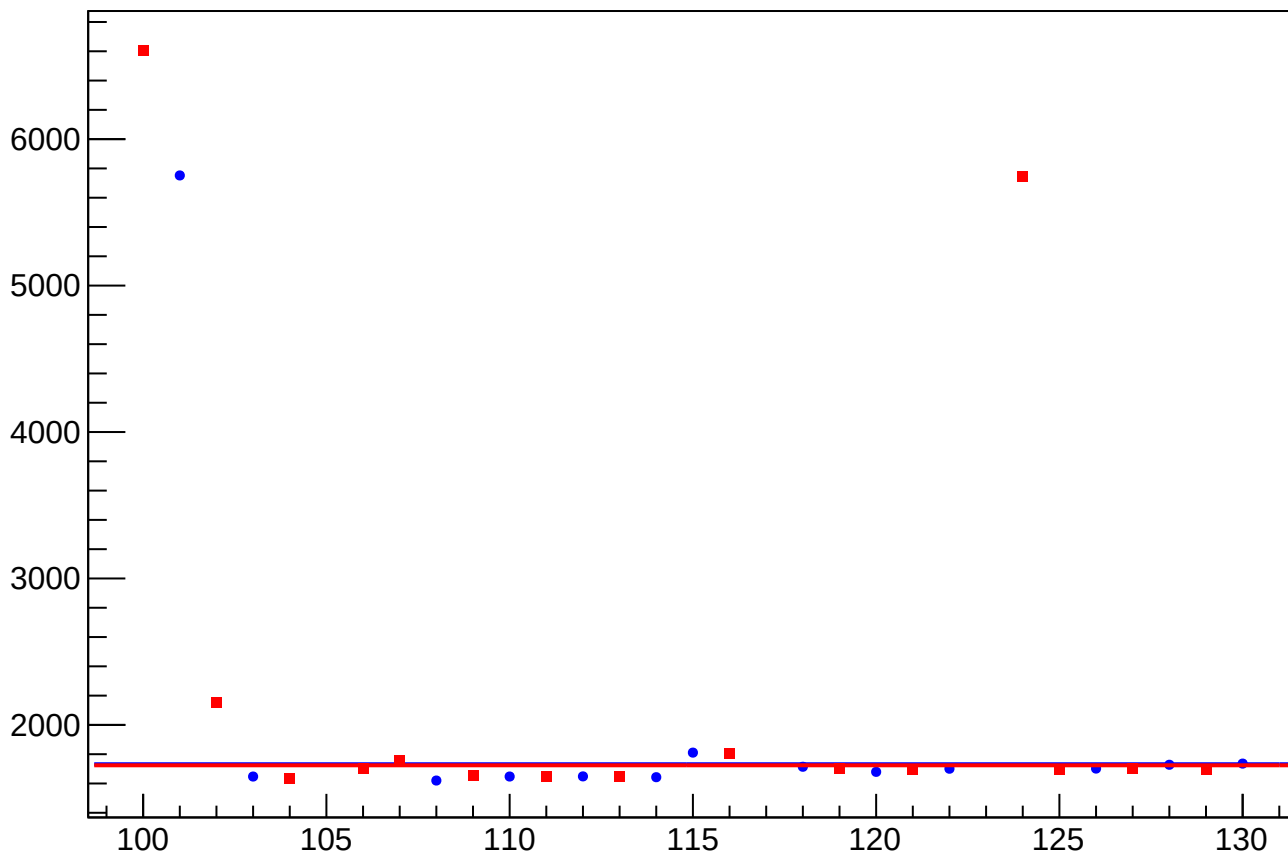
Right: 2357.691+/-527.751 χ^2/NDF : 18.4/27

In: 1957.468+/-760.343 χ^2/NDF : 9.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2357.691+/-527.751 χ^2/NDF : 18.4/27

cor_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1731.406+/-0.538 χ^2/NDF : 654085.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1724.260+/-0.516 χ^2/NDF : 279504.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

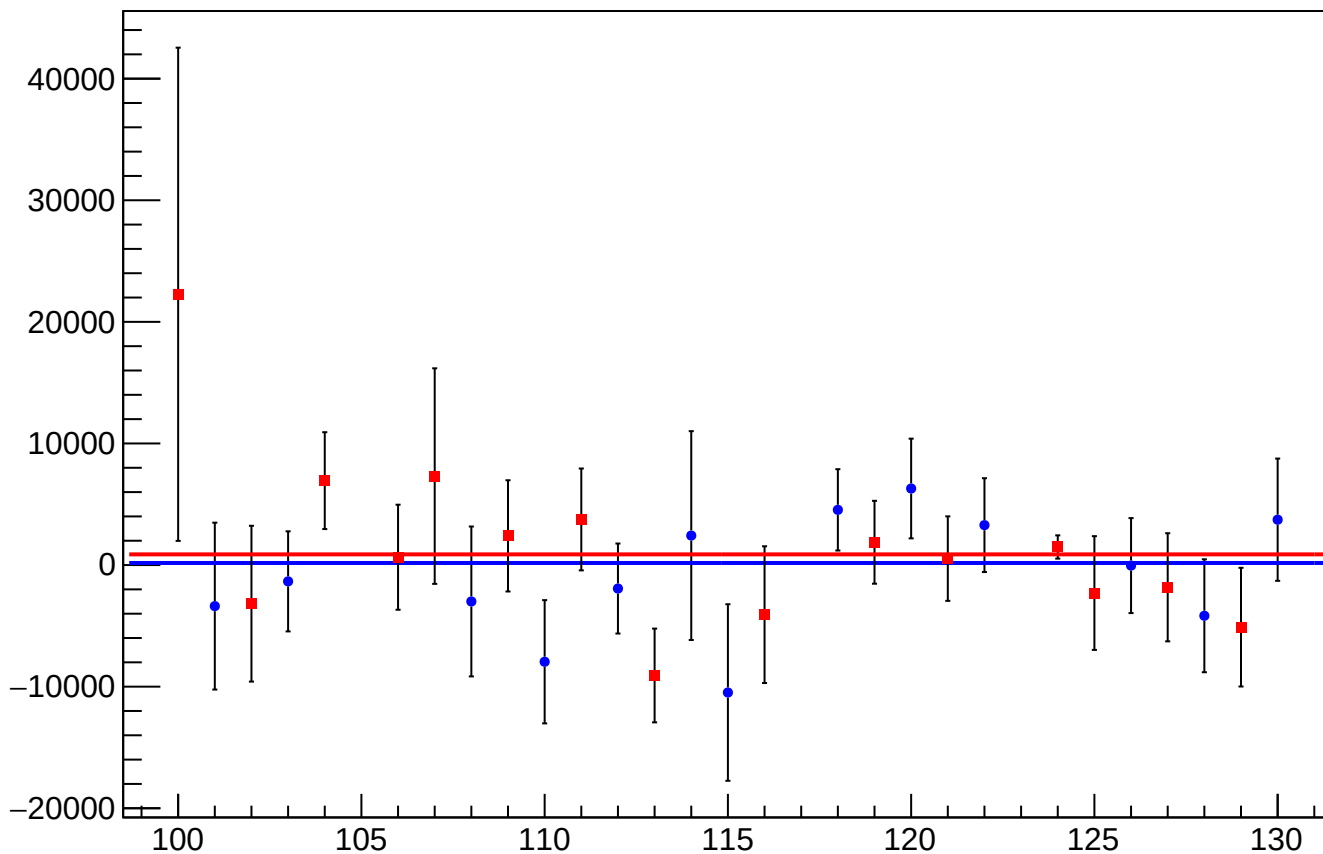
Right: 1727.686+/-0.372 χ^2/NDF : 933681.4/27

In: 1731.406+/-0.538 χ^2/NDF : 654085.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1727.686+/-0.372 χ^2/NDF : 933681.4/27

asym_atr1l2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 171.471+/-1271.403 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 878.655+/-754.077 χ^2/NDF : 15.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

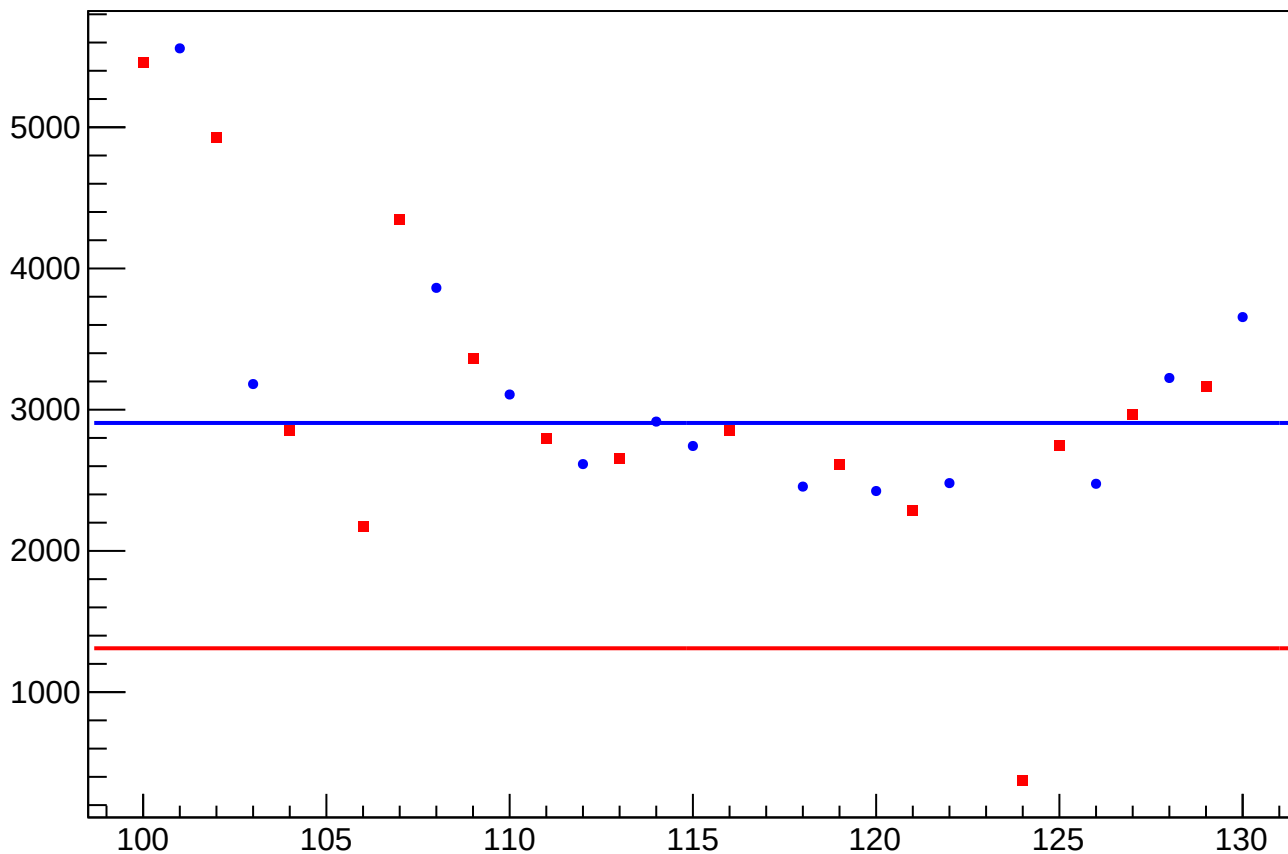
Right: 694.623+/-648.580 χ^2/NDF : 27.2/27

In: 171.471+/-1271.403 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 694.623+/-648.580 χ^2/NDF : 27.2/27

asym_atr1l2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2906.109+/-0.899 χ^2/NDF : 539102.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1310.521+/-0.533 χ^2/NDF : 5513380.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

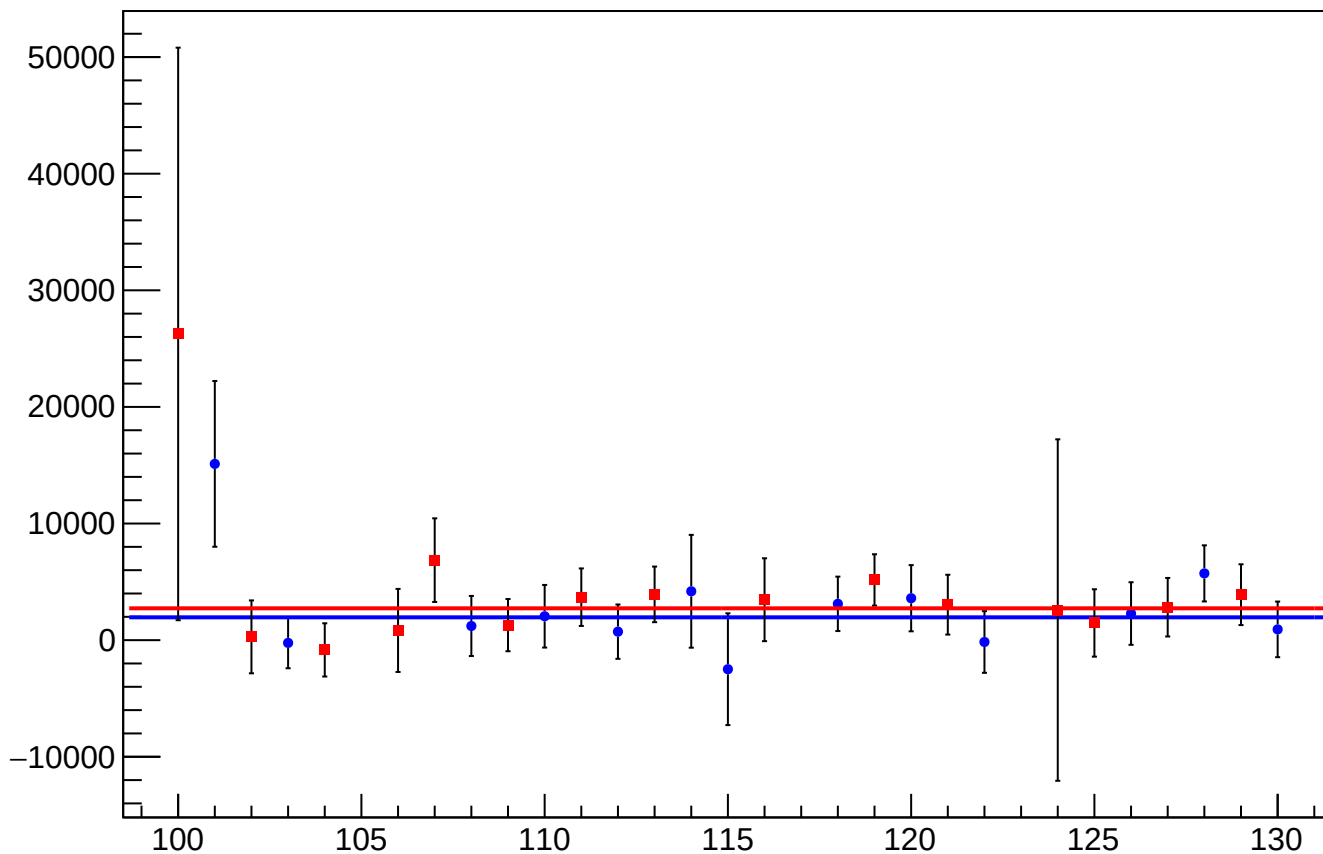
Right: 1725.744+/-0.459 χ^2/NDF : 8382724.2/27

In: 2906.109+/-0.899 χ^2/NDF :539102.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1725.744+/-0.459 χ^2/NDF : 8382724.2/27

eigen_cor_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1957.468+/-760.343 χ^2/NDF : 9.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2729.756+/-733.107 χ^2/NDF : 8.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

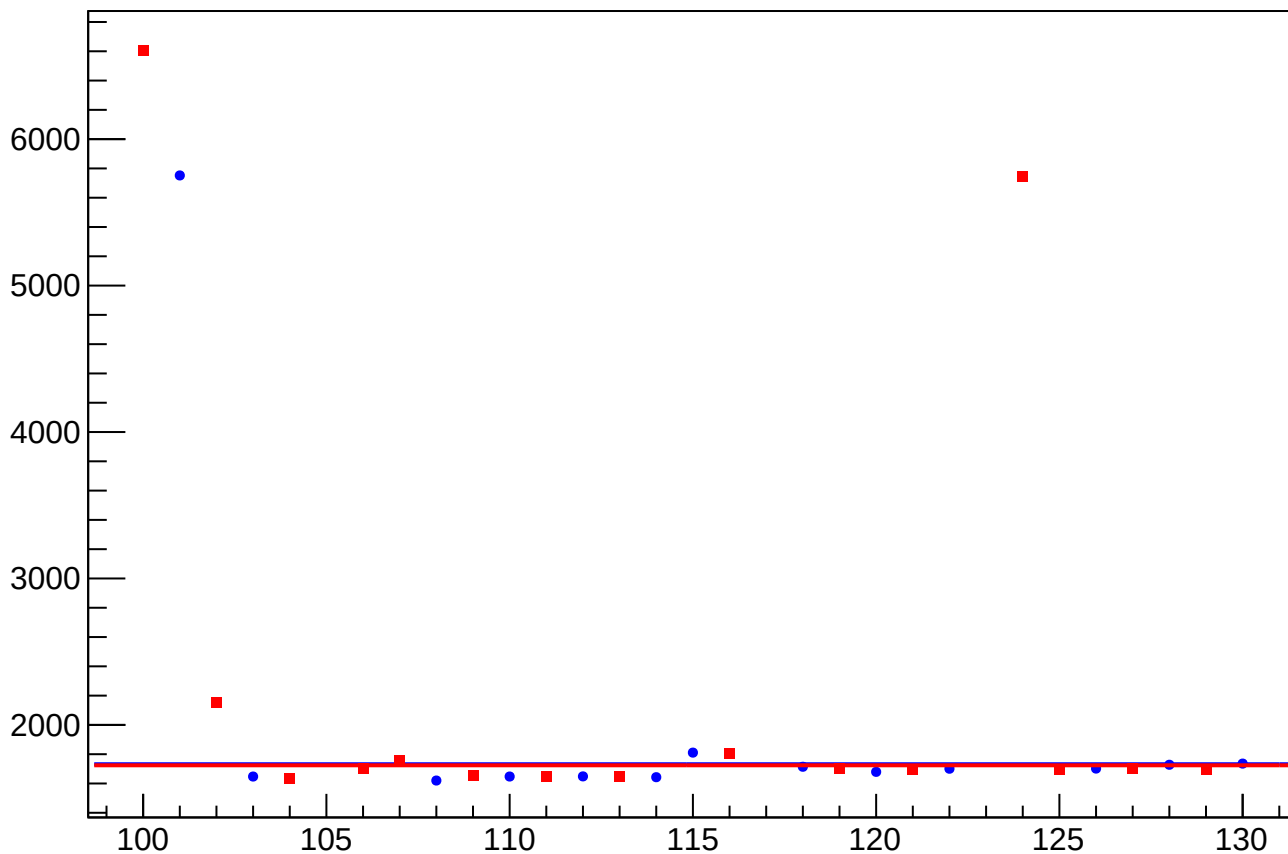
Right: 2357.691+/-527.751 χ^2/NDF : 18.4/27

In: 1957.468+/-760.343 χ^2/NDF : 9.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2357.691+/-527.751 χ^2/NDF : 18.4/27

eigen_cor_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1731.406+/-0.538 χ^2/NDF : 654085.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1724.260+/-0.516 χ^2/NDF : 279504.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

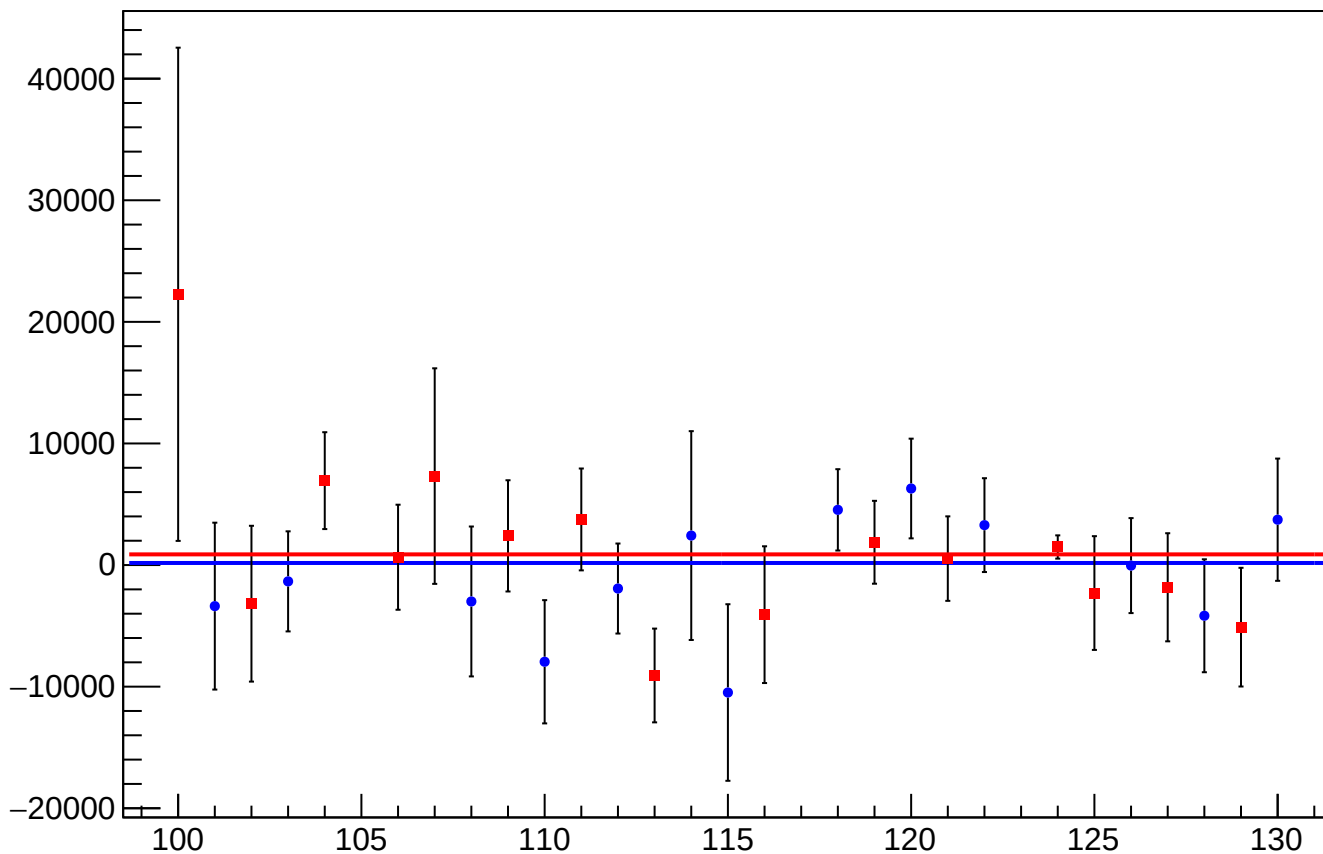
Right: 1727.686+/-0.372 χ^2/NDF : 933681.4/27

In: 1731.406+/-0.538 χ^2/NDF : 654085.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1727.686+/-0.372 χ^2/NDF : 933681.4/27

asym_atr1l2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 171.471+/-1271.403 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 878.655+/-754.077 χ^2/NDF : 15.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

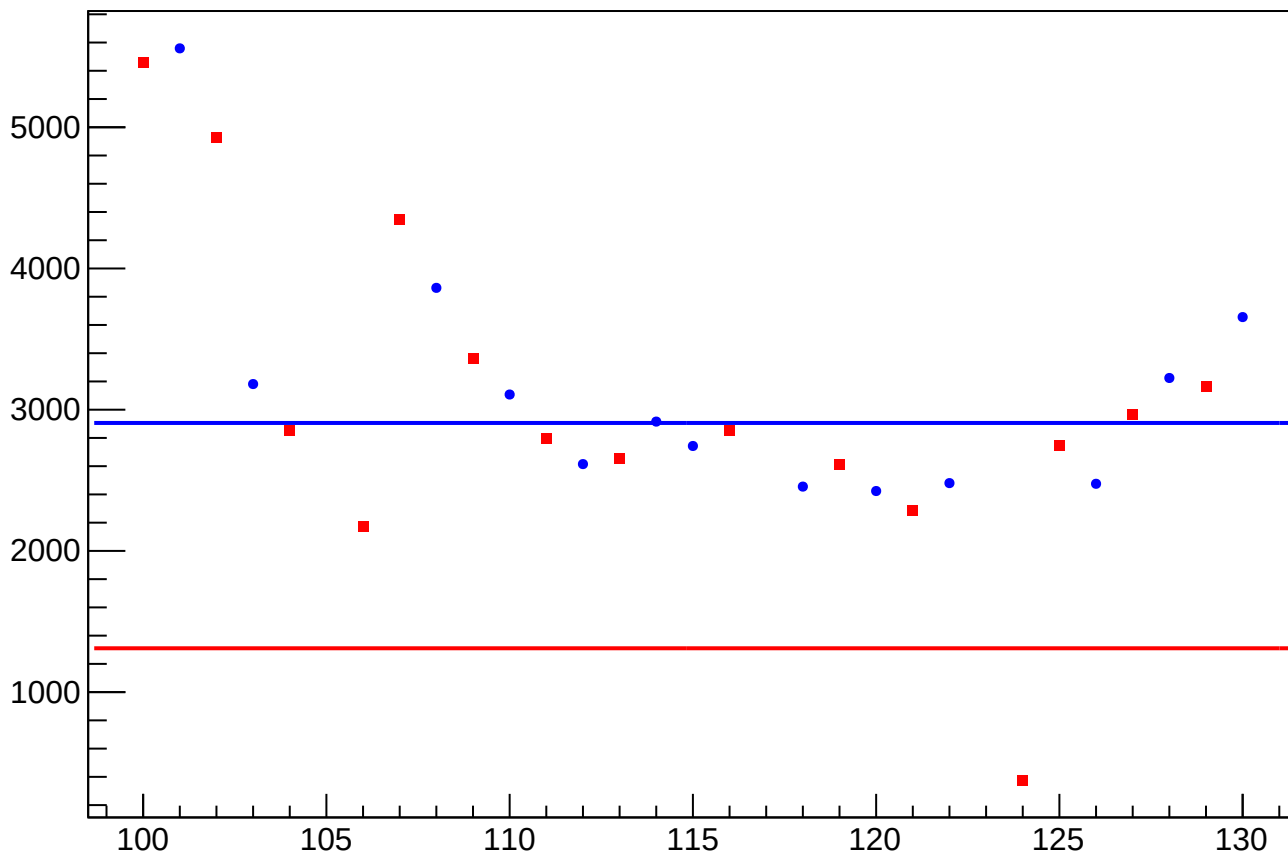
Right: 694.623+/-648.580 χ^2/NDF : 27.2/27

In: 171.471+/-1271.403 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 694.623+/-648.580 χ^2/NDF : 27.2/27

asym_atr1l2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2906.109+/-0.899 χ^2/NDF : 539102.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1310.521+/-0.533 χ^2/NDF : 5513380.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

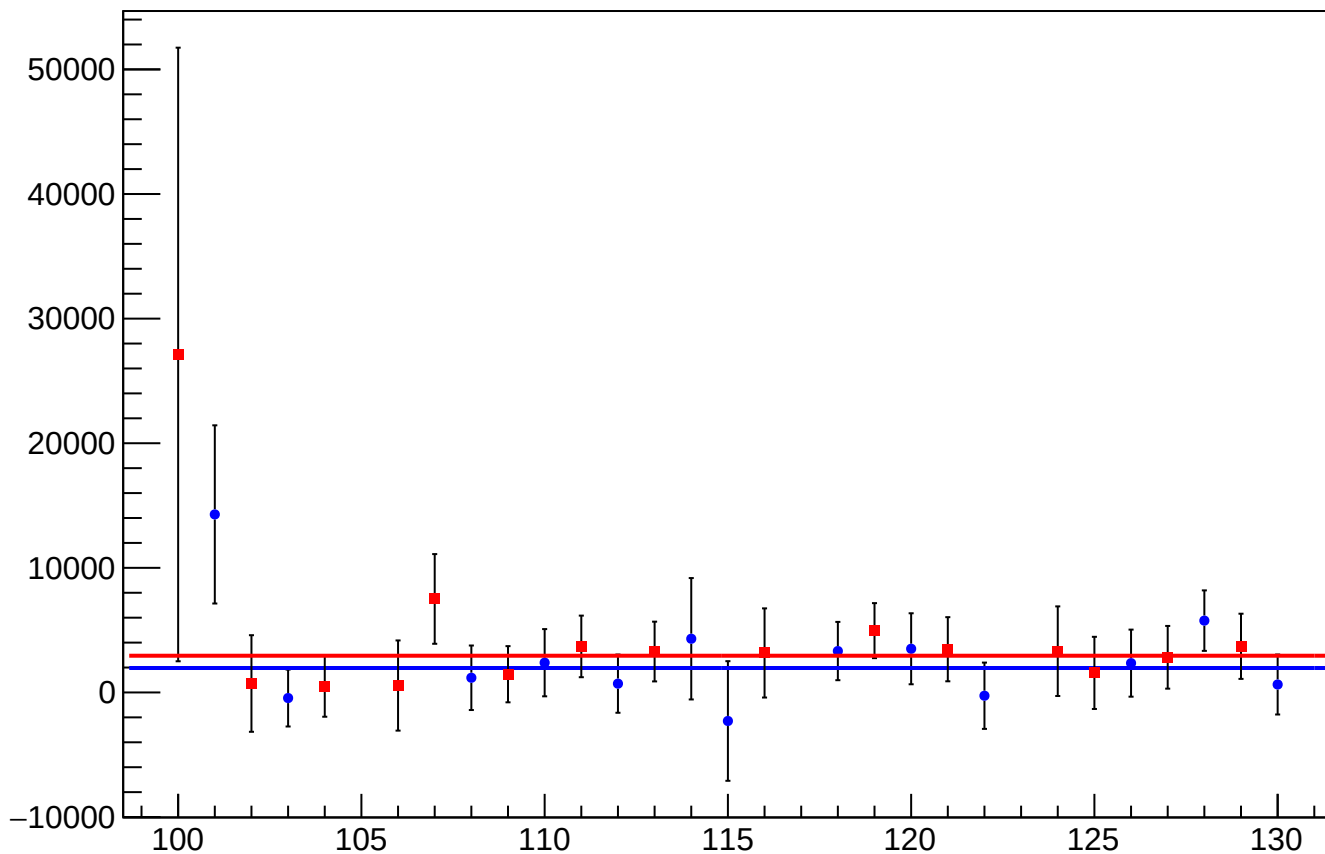
Right: 1725.744+/-0.459 χ^2/NDF : 8382724.2/27

In: 2906.109+/-0.899 χ^2/NDF :539102.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1725.744+/-0.459 χ^2/NDF : 8382724.2/27

dit_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1961.953+/-768.295 χ^2/NDF : 9.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2947.015+/-733.360 χ^2/NDF : 6.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

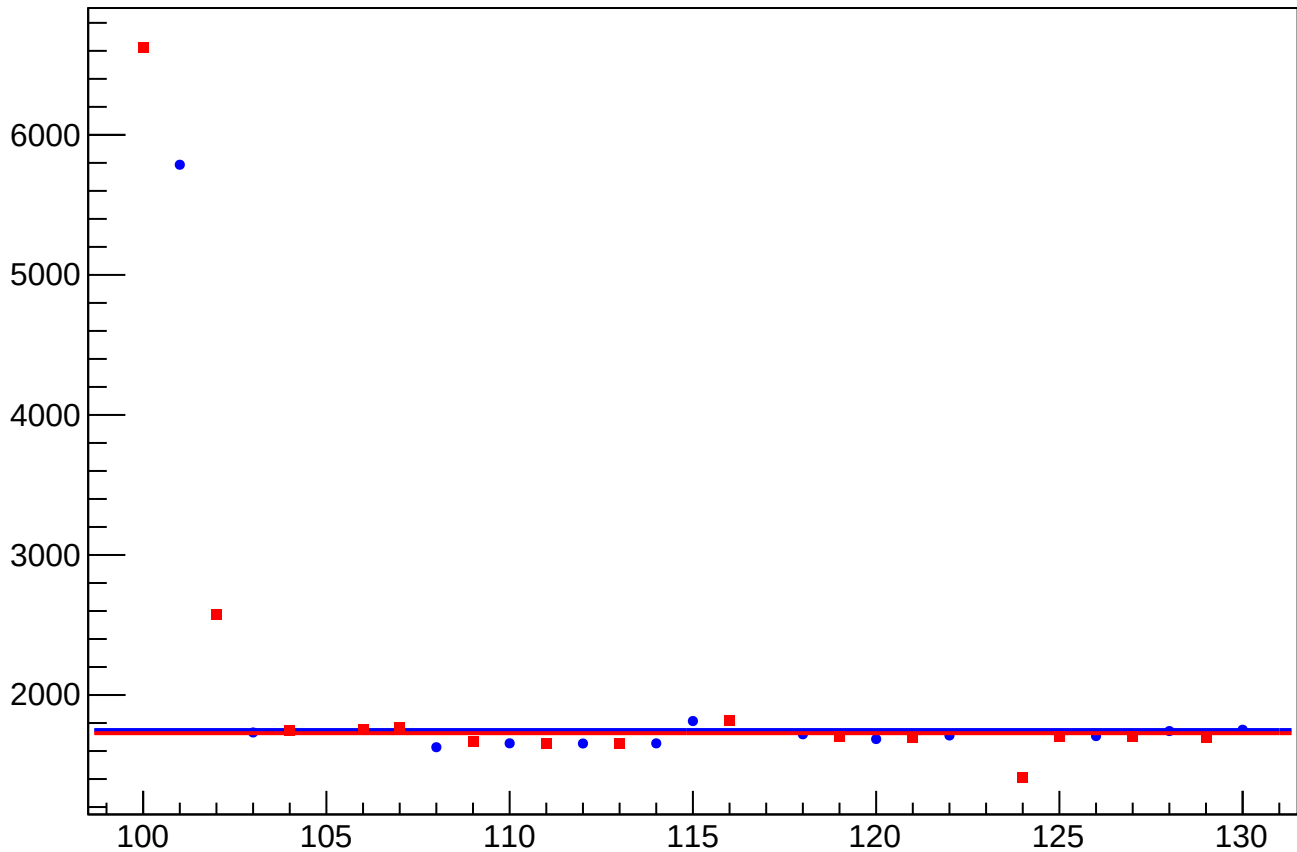
Right: 2477.388+/-530.484 χ^2/NDF : 16.6/27

In: 1961.953+/-768.295 χ^2/NDF : 9.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2477.388+/-530.484 χ^2/NDF : 16.6/27

dit_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1749.657+/-0.543 χ^2/NDF : 651451.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1727.405+/-0.517 χ^2/NDF : 198081.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

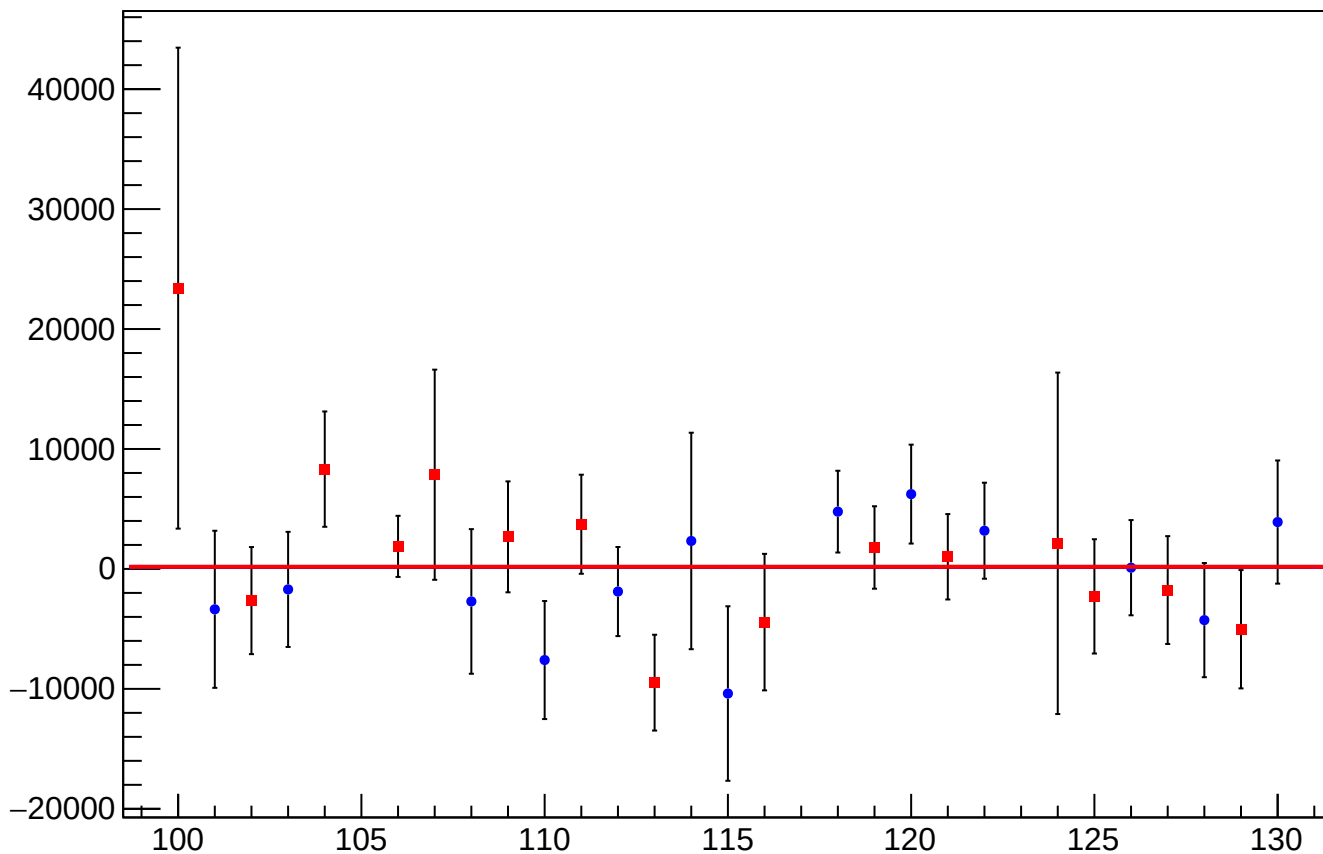
Right: 1737.977+/-0.374 χ^2/NDF : 850413.8/27

In: 1749.657+/-0.543 χ^2/NDF : 651451.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1737.977+/-0.374 χ^2/NDF : 850413.8/27

asym_atr1l2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 165.378+/-1299.518 χ^2/NDF : 11.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 178.816+/-1143.243 χ^2/NDF : 15.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

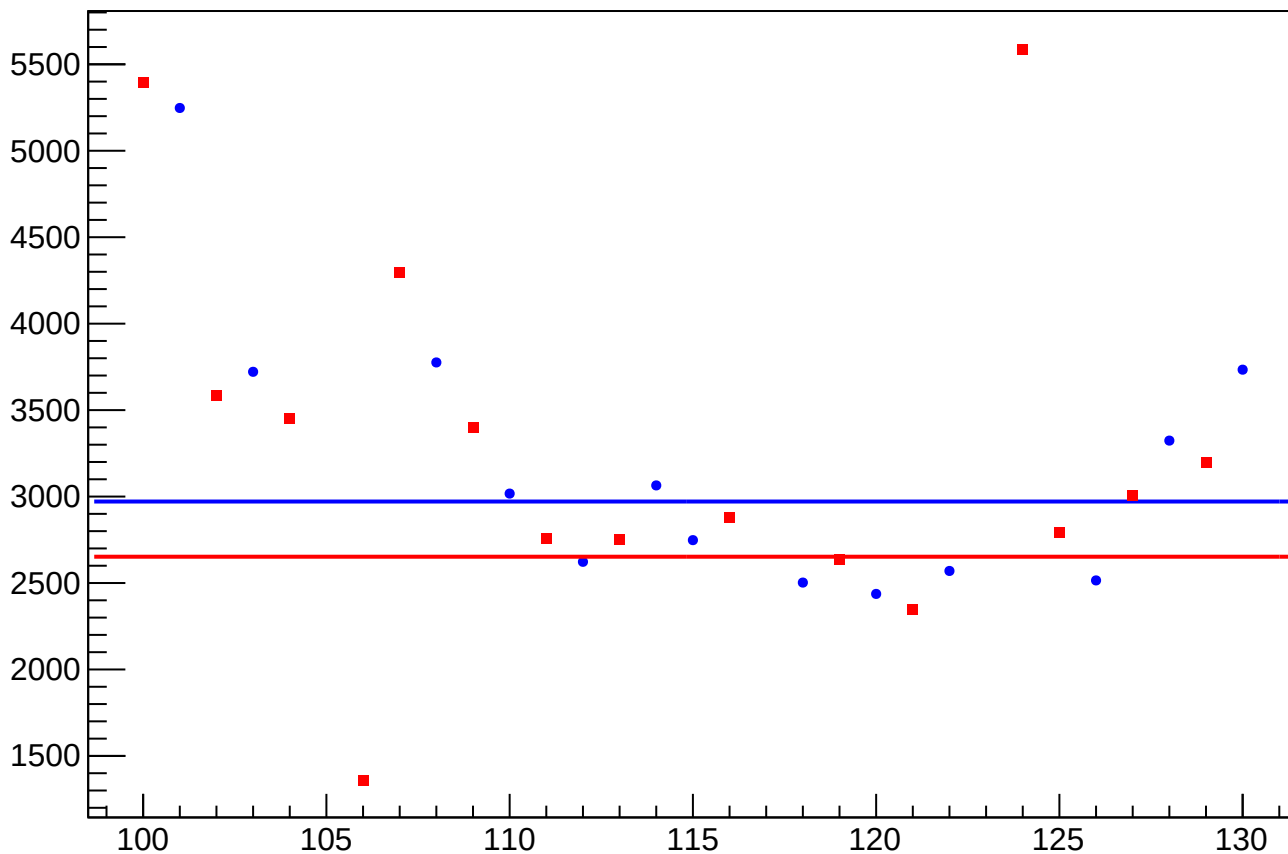
Right: 172.953+/-858.357 χ^2/NDF : 26.8/27

In: 165.378+/-1299.518 χ^2/NDF : 11.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.953+/-858.357 χ^2/NDF : 26.8/27

asym_atr1l2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2971.352+/-0.919 χ^2/NDF : 519112.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2652.146+/-0.808 χ^2/NDF : 963232.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

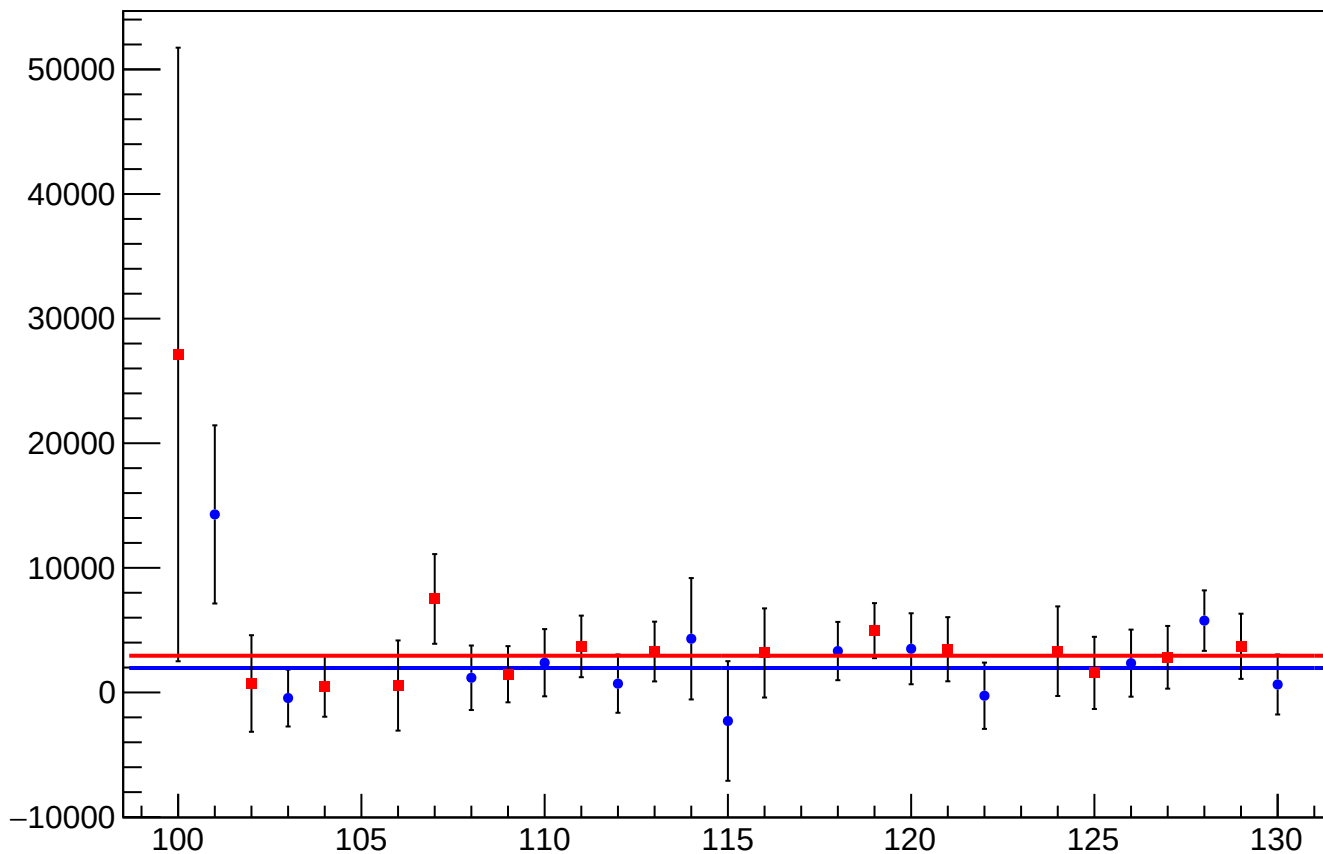
Right: 2791.411+/-0.607 χ^2/NDF : 1550369.9/27

In: 2971.352+/-0.919 χ^2/NDF : 519112.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2791.411+/-0.607 χ^2/NDF : 1550369.9/27

eigen_dit_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1961.957+/-768.295 χ^2/NDF : 9.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2947.020+/-733.360 χ^2/NDF : 6.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

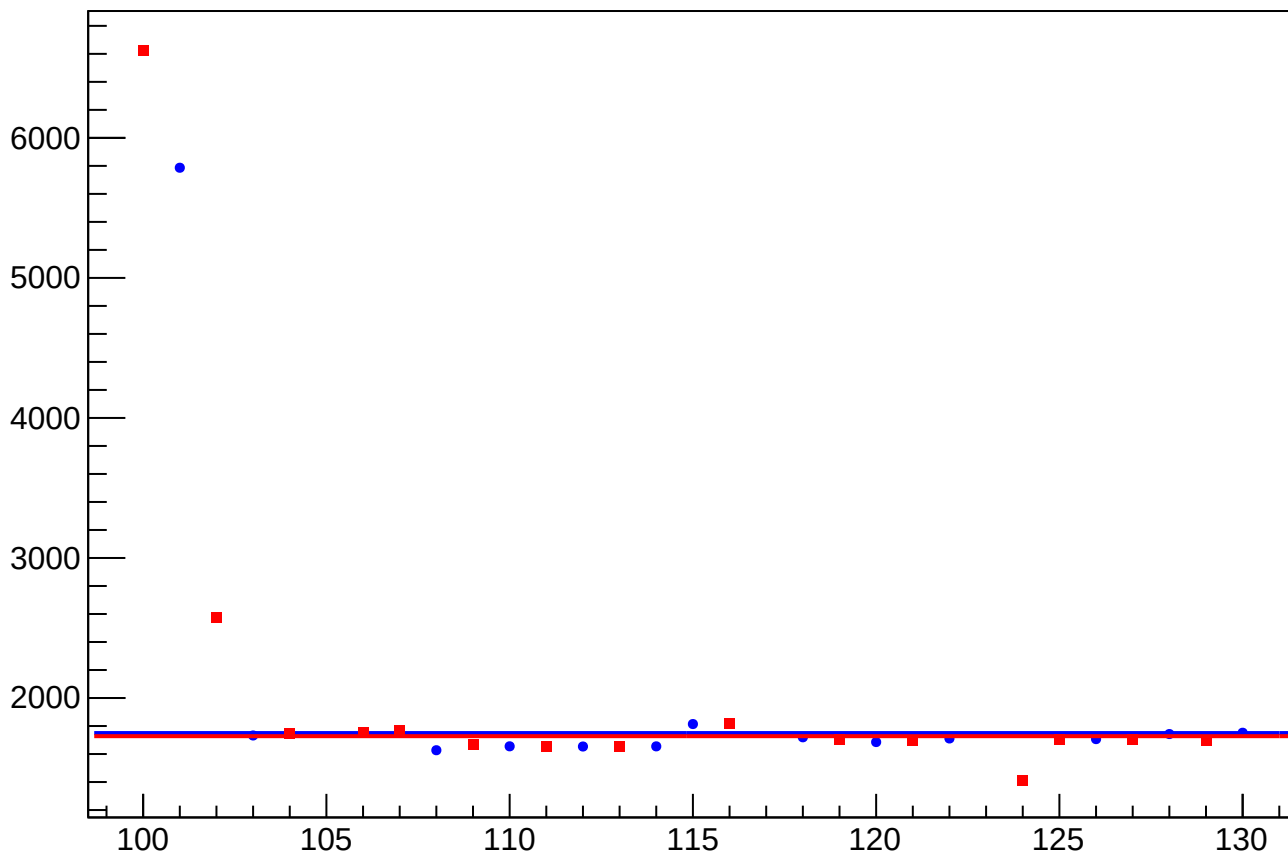
Right: 2477.393+/-530.484 χ^2/NDF : 16.6/27

In: 1961.957+/-768.295 χ^2/NDF : 9.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2477.393+/-530.484 χ^2/NDF : 16.6/27

eigen_dit_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1749.657+/-0.543 χ^2/NDF : 651451.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1727.405+/-0.517 χ^2/NDF : 198081.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

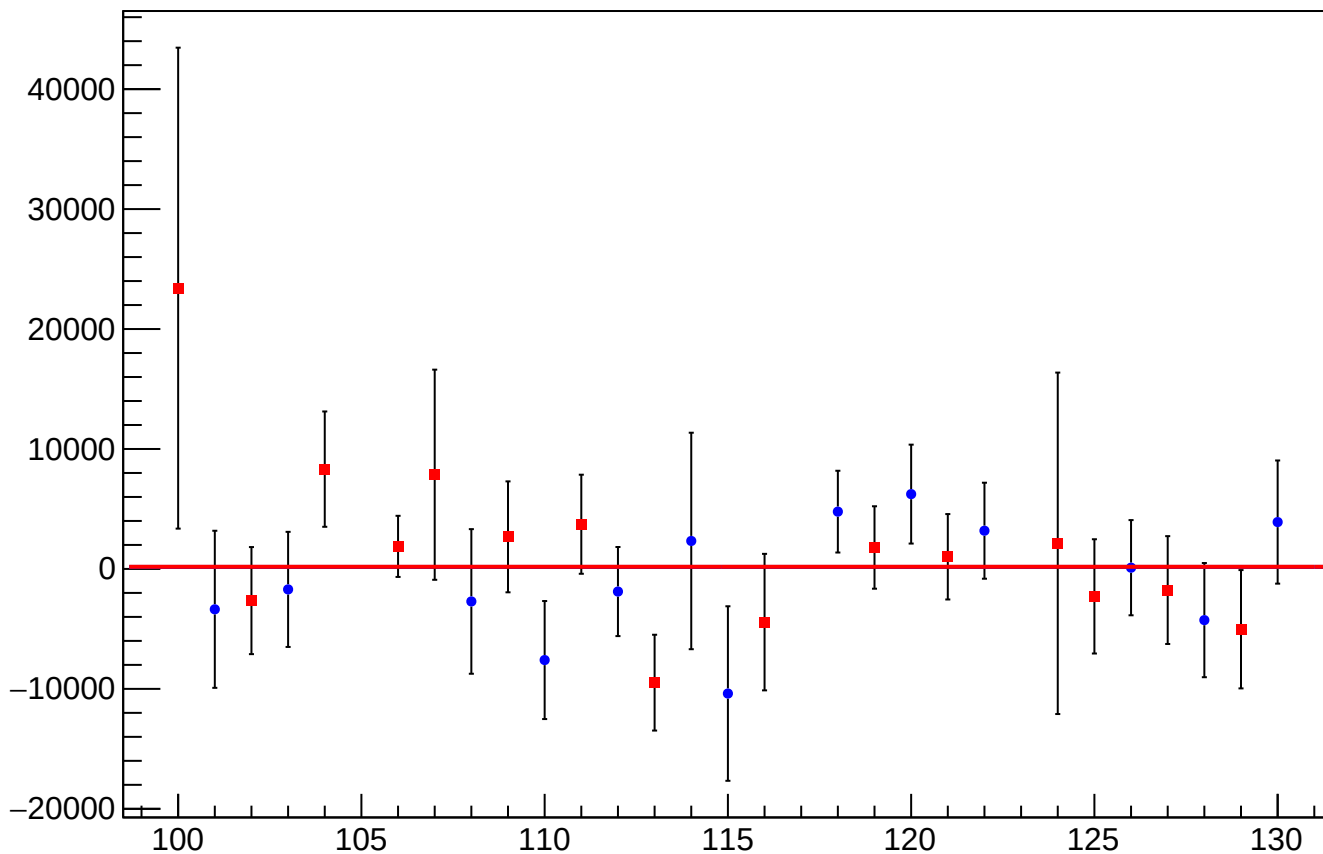
Right: 1737.977+/-0.374 χ^2/NDF : 850413.7/27

In: 1749.657+/-0.543 χ^2/NDF : 651451.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1737.977+/-0.374 χ^2/NDF : 850413.7/27

asym_atr1l2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 165.381+/-1299.513 χ^2/NDF : 11.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 178.819+/-1143.238 χ^2/NDF : 15.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

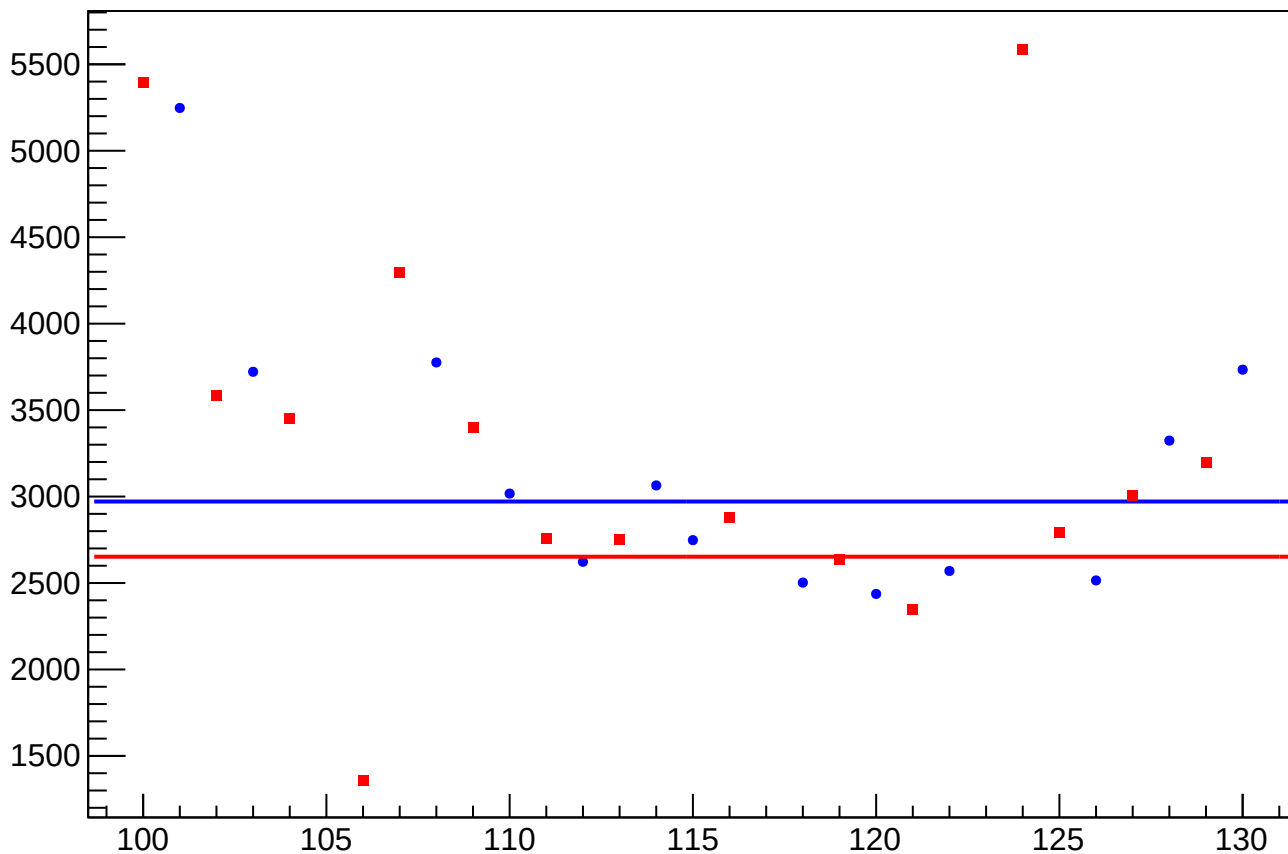
Right: 172.956+/-858.354 χ^2/NDF : 26.8/27

In: 165.381+/-1299.513 χ^2/NDF : 11.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.956+/-858.354 χ^2/NDF : 26.8/27

asym_atr1l2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2971.340+/-0.919 χ^2/NDF : 519116.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2652.133+/-0.808 χ^2/NDF : 963247.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

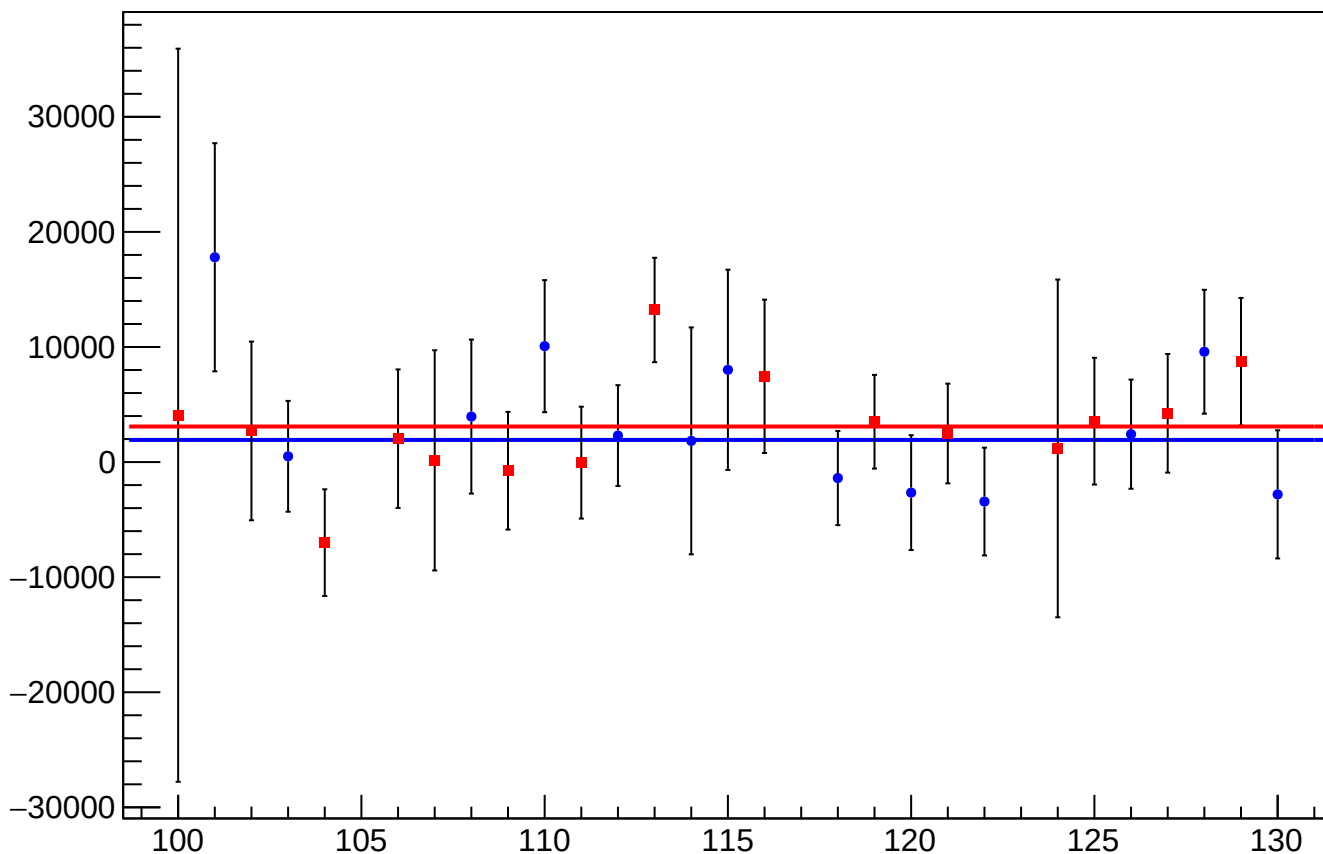
Right: 2791.398+/-0.607 χ^2/NDF : 1550389.8/27

In: 2971.340+/-0.919 χ^2/NDF : 519116.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2791.398+/-0.607 χ^2/NDF : 1550389.8/27

asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1925.189+/-1510.032 χ^2/NDF : 10.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3090.786+/-1449.786 χ^2/NDF : 12.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

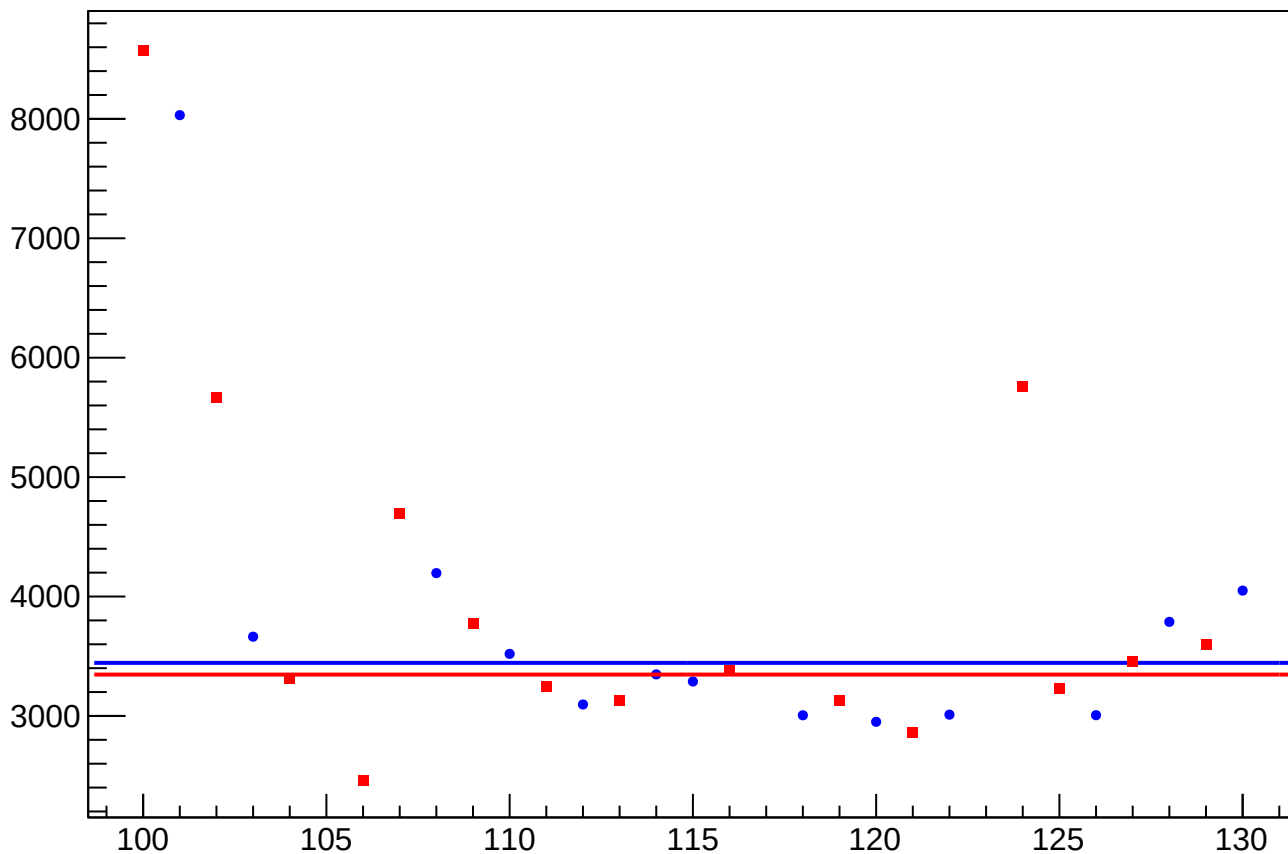
Right: 2531.703+/-1045.804 χ^2/NDF : 23.5/27

In: 1925.189+/-1510.032 χ^2/NDF : 10.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2531.703+/-1045.804 χ^2/NDF : 23.5/27

asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 3444.480+/-1.068 χ^2/NDF : 580157.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3346.404+/-1.007 χ^2/NDF : 452709.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

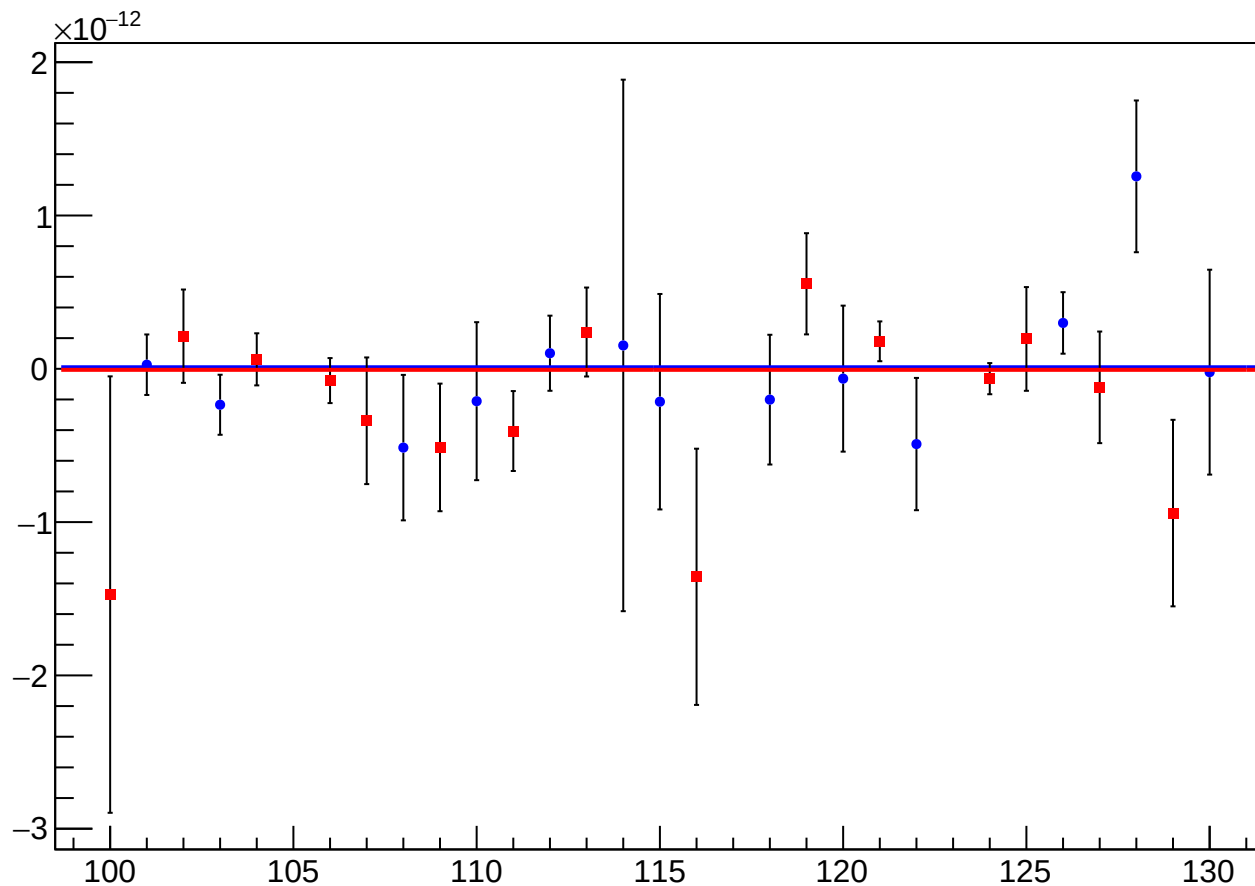
Right: 3392.564+/-0.733 χ^2/NDF : 1037333.3/27

In: 3444.480+/-1.068 χ^2/NDF : 580157.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3392.564+/-0.733 χ^2/NDF : 1037333.3/27

asym_atr1l2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

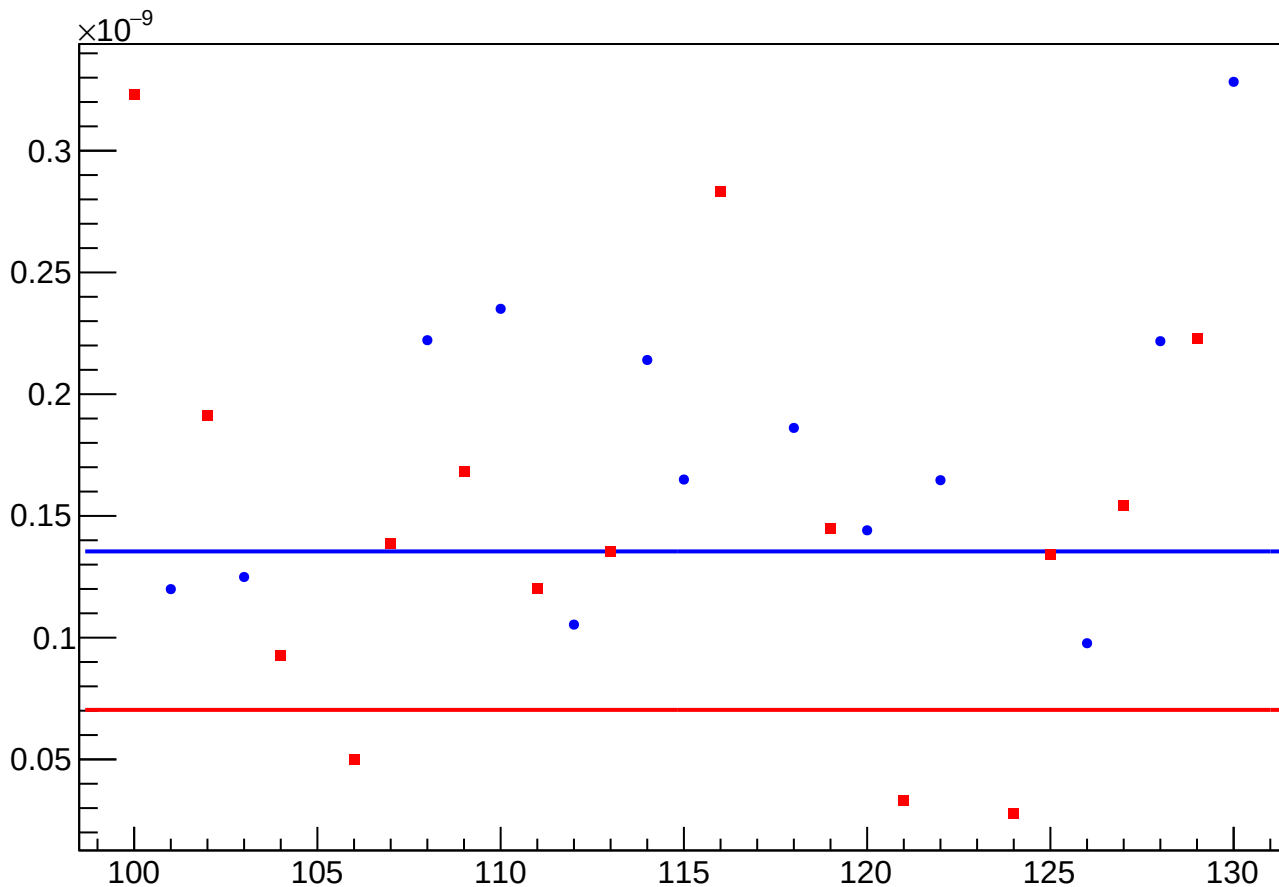
Right: -0.000+/-0.000 χ^2/NDF : 31.1/27

In: 0.000+/-0.000 χ^2/NDF : 13.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.1/27

asym_atr1l2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 534191.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1839490.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

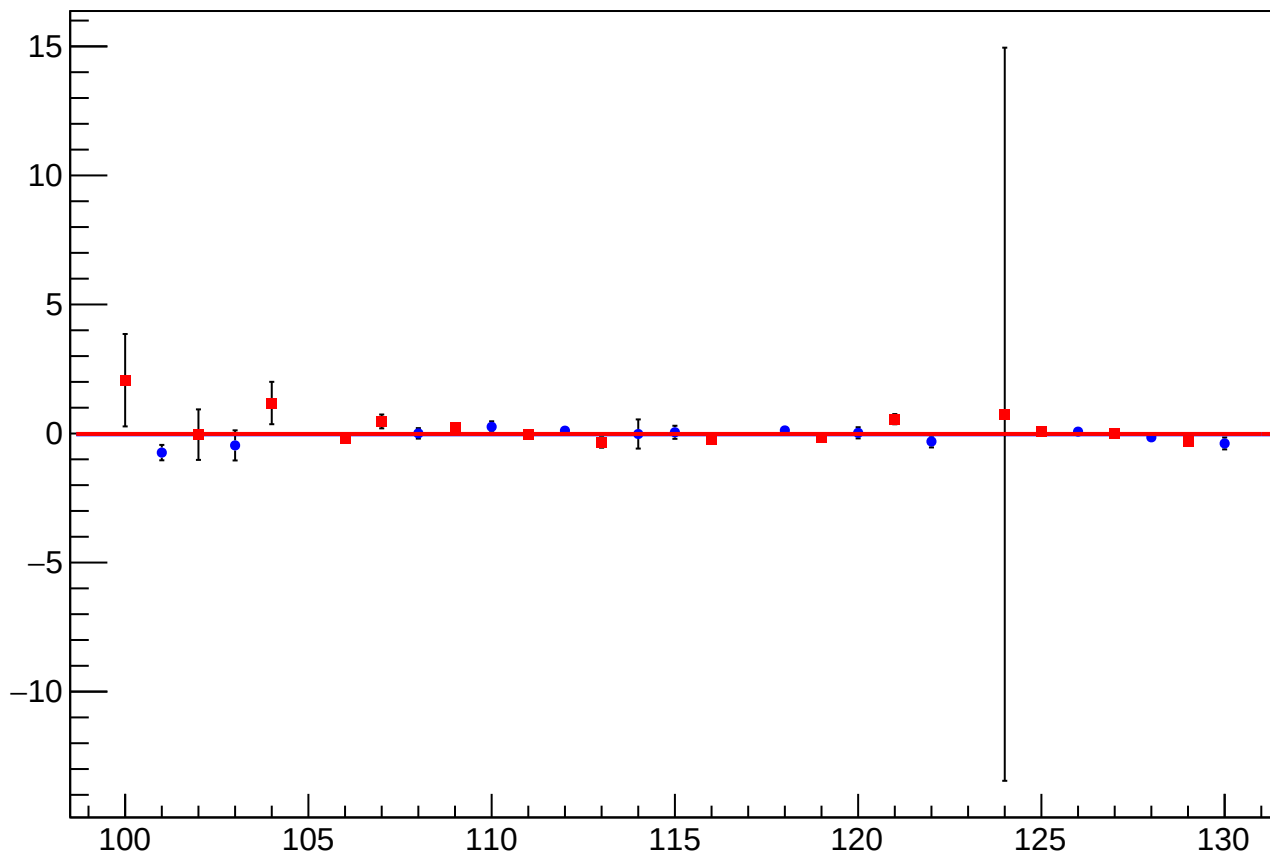
Right: 0.000+/-0.000 χ^2/NDF : 3134934.8/27

In: 0.000+/-0.000 χ^2/NDF : 534191.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3134934.8/27

asym_atr1l2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031 $\pm$ 0.061 χ^2 /NDF: 14.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.016 $\pm$ 0.054 χ^2 /NDF: 26.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

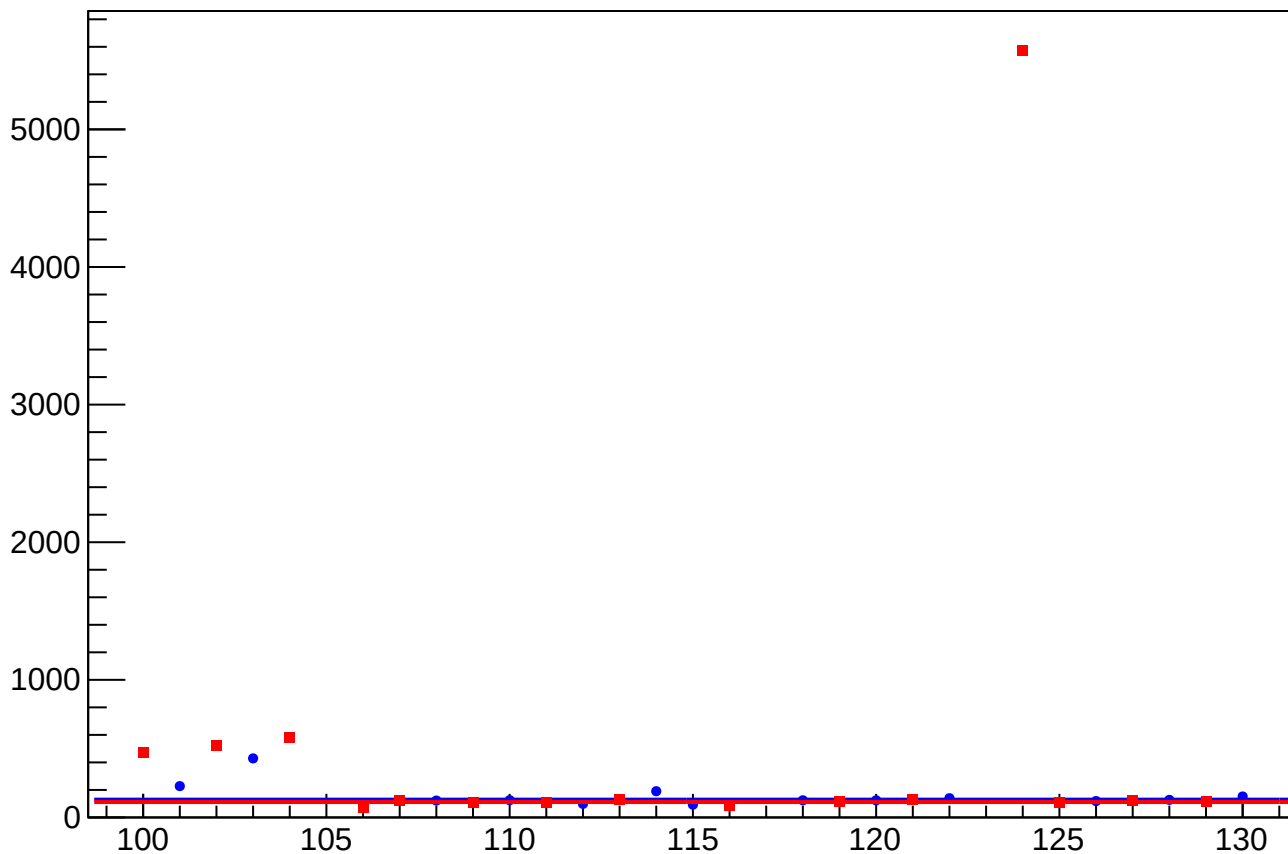
Right: -0.023 $\pm$ 0.040 χ^2 /NDF: 41.0/27

In: -0.031 $\pm$ 0.061 χ^2 /NDF:14.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.023 $\pm$ 0.040 χ^2 /NDF: 41.0/27

asym_atr1l2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.437+/-0.043 χ^2/NDF : 931329.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.004+/-0.038 χ^2/NDF : 1617018.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

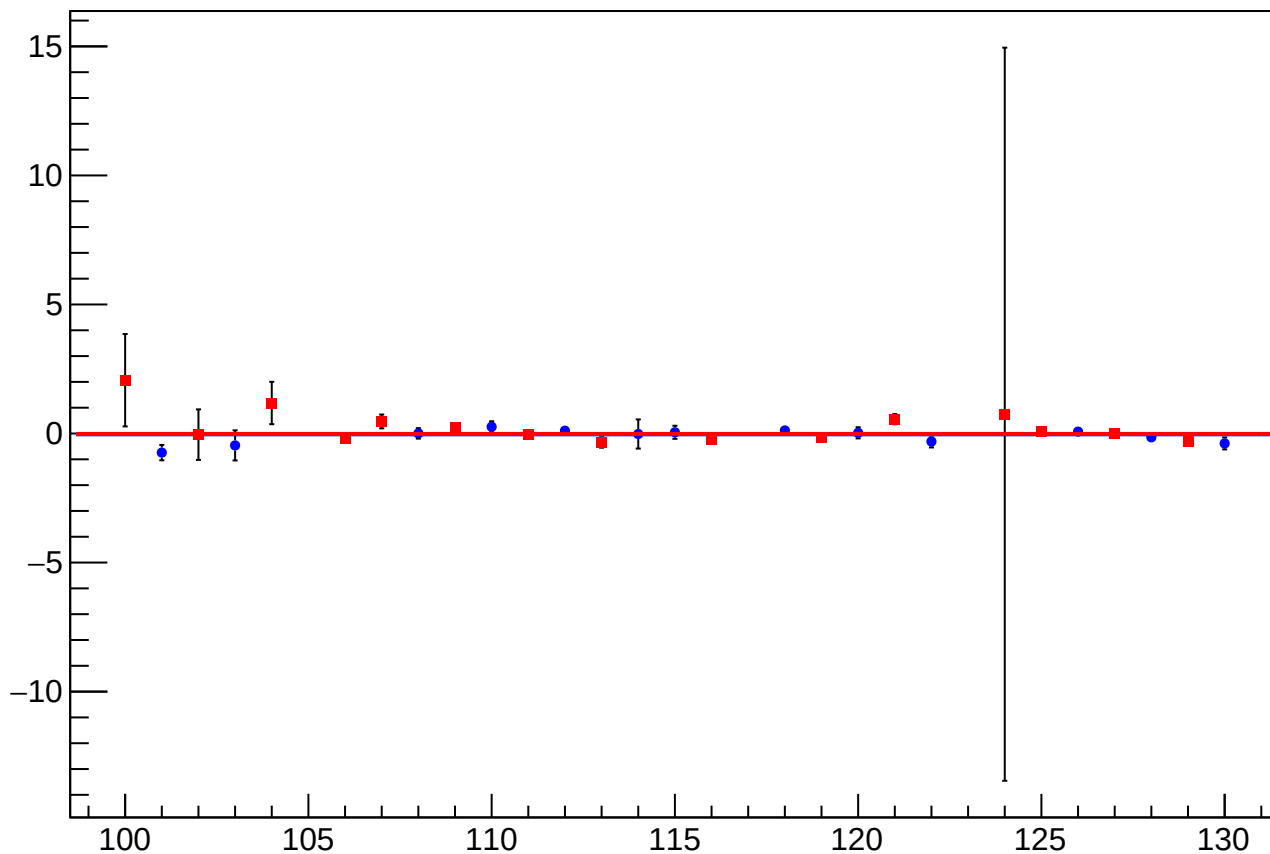
Right: 119.678+/-0.028 χ^2/NDF : 2641218.8/27

In: 129.437+/-0.043 χ^2/NDF : 931329.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.678+/-0.028 χ^2/NDF : 2641218.8/27

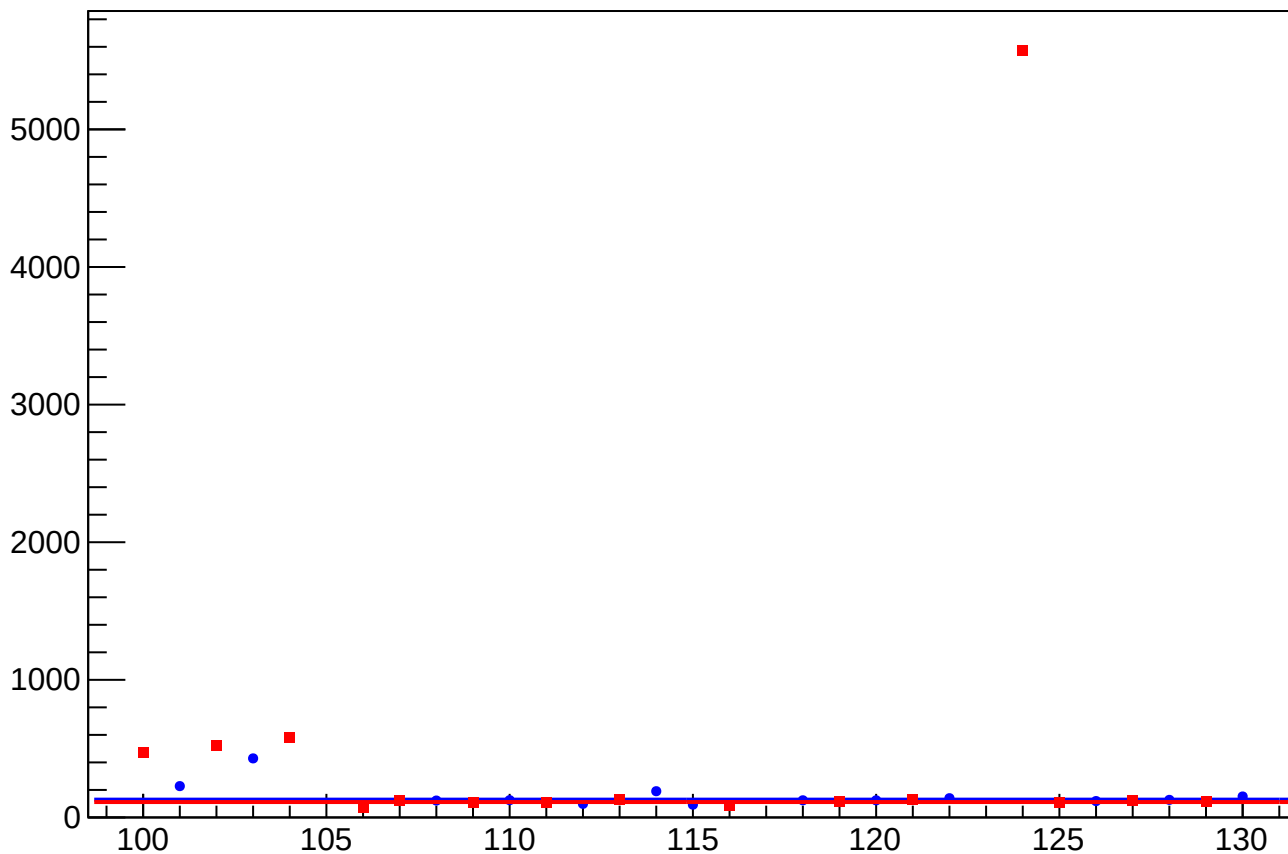
asym_atr1l2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031+/-0.061 χ^2/NDF : 14.5/12
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -0.016+/-0.054 χ^2/NDF : 26.5/14
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.023+/-0.040 χ^2/NDF : 41.0/27
 In: -0.031+/-0.061 χ^2/NDF :14.5/12
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -0.023+/-0.040 χ^2/NDF : 41.0/27

asym_atr1l2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.437+/-0.043 χ^2/NDF : 931329.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.004+/-0.038 χ^2/NDF : 1617018.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

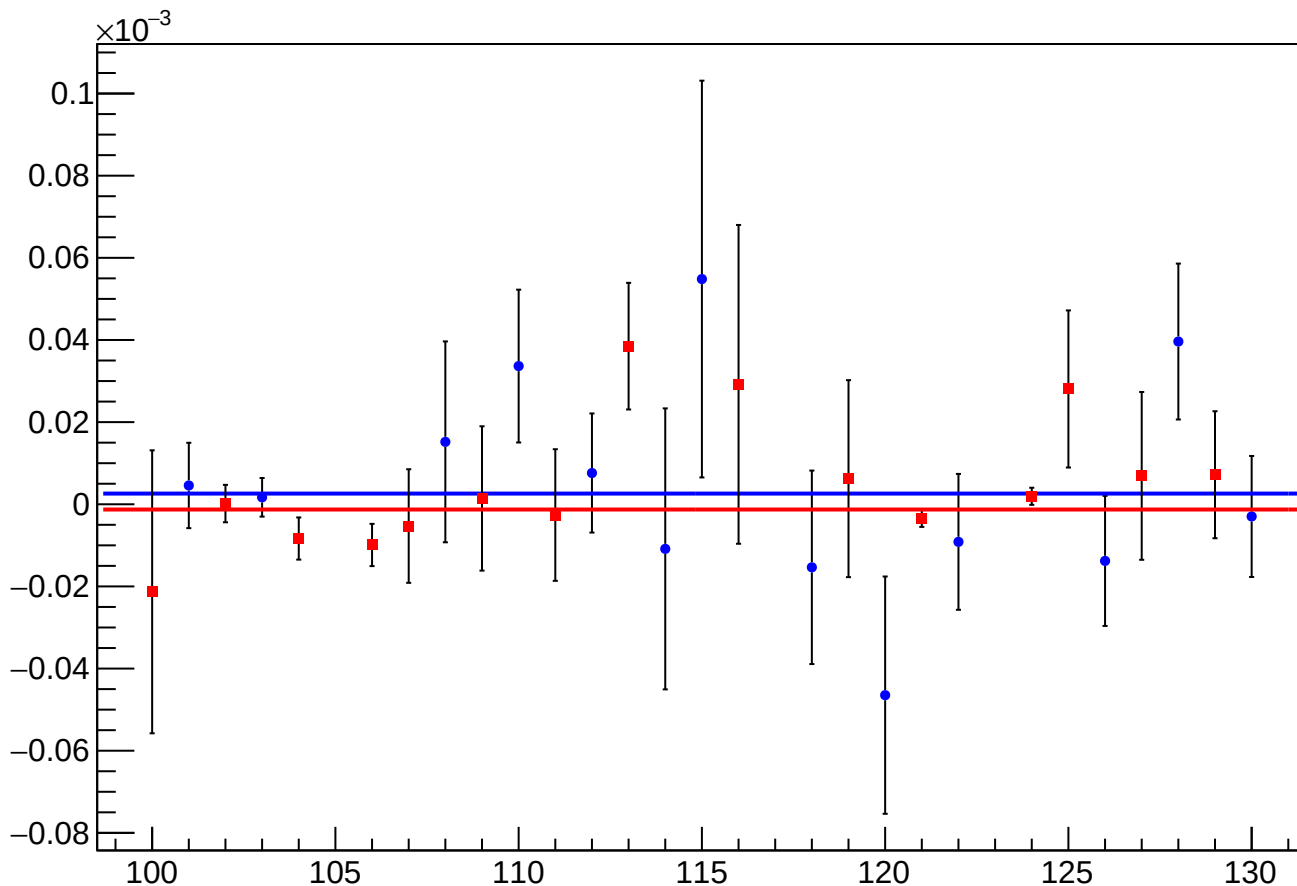
Right: 119.678+/-0.028 χ^2/NDF : 2641218.8/27

In: 129.437+/-0.043 χ^2/NDF : 931329.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.678+/-0.028 χ^2/NDF : 2641218.8/27

asym_atr1l2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 19.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

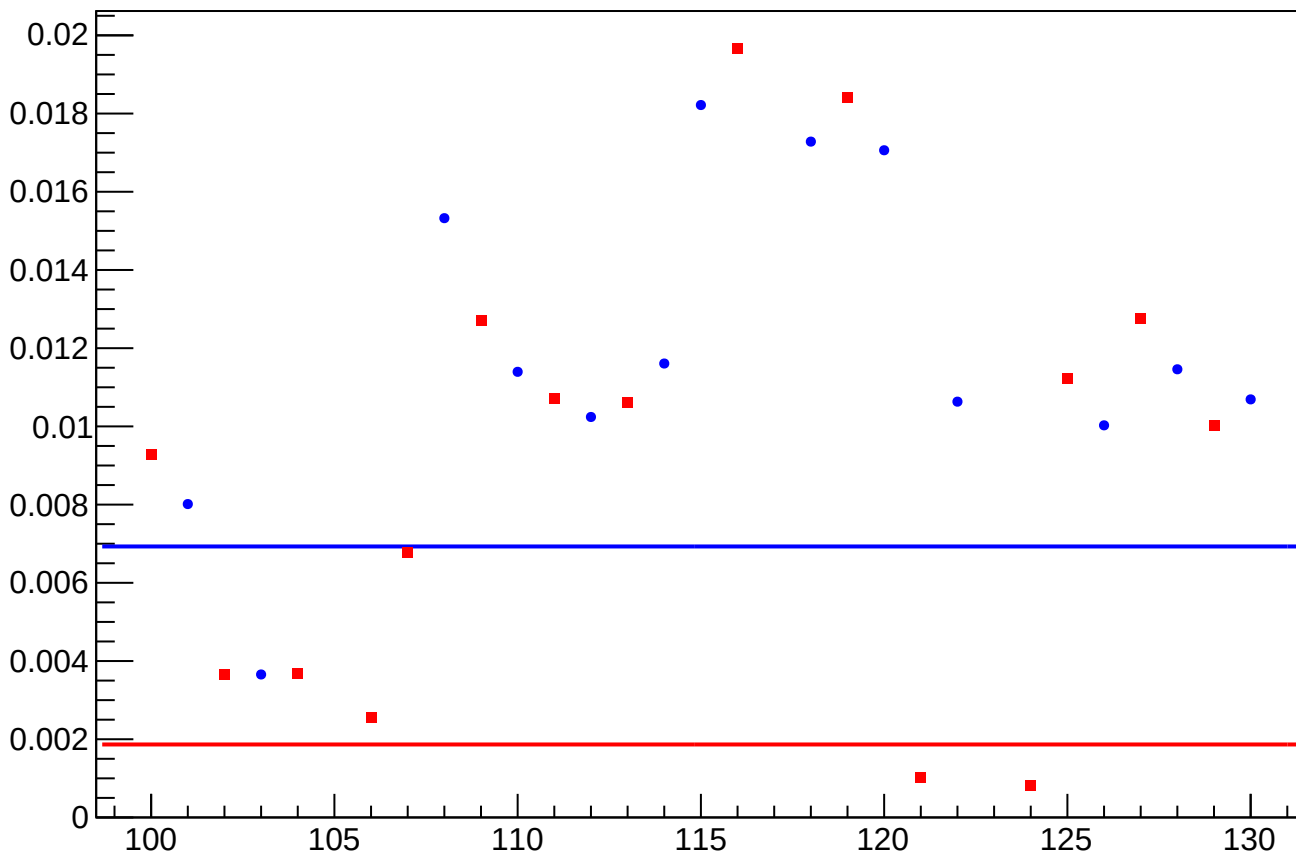
Right: -0.000+/-0.000 χ^2/NDF : 33.7/27

In: 0.000+/-0.000 χ^2/NDF : 13.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.7/27

asym_atr1l2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 2647182.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 6792865.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

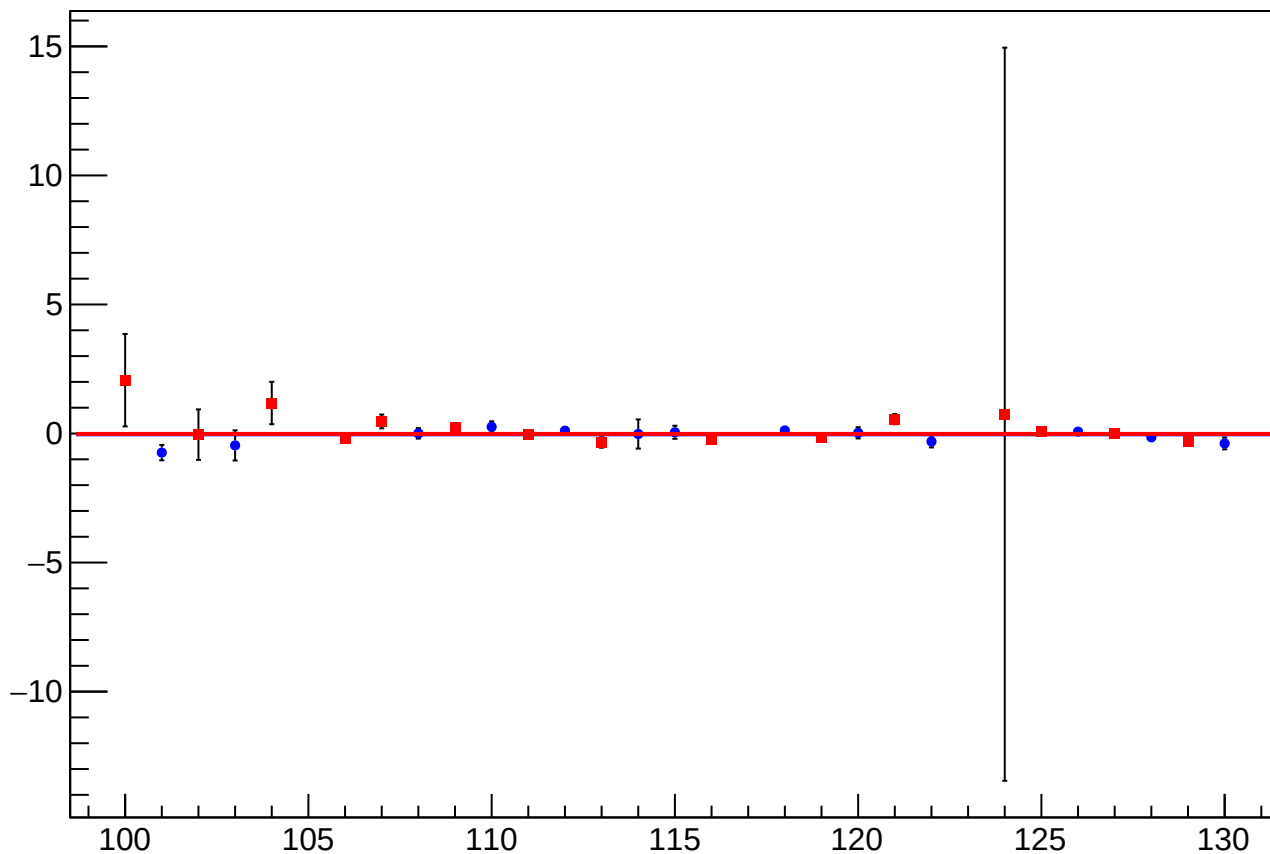
Right: 0.002+/-0.000 χ^2/NDF : 13201519.5/27

In: 0.007+/-0.000 χ^2/NDF :2647182.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 13201519.5/27

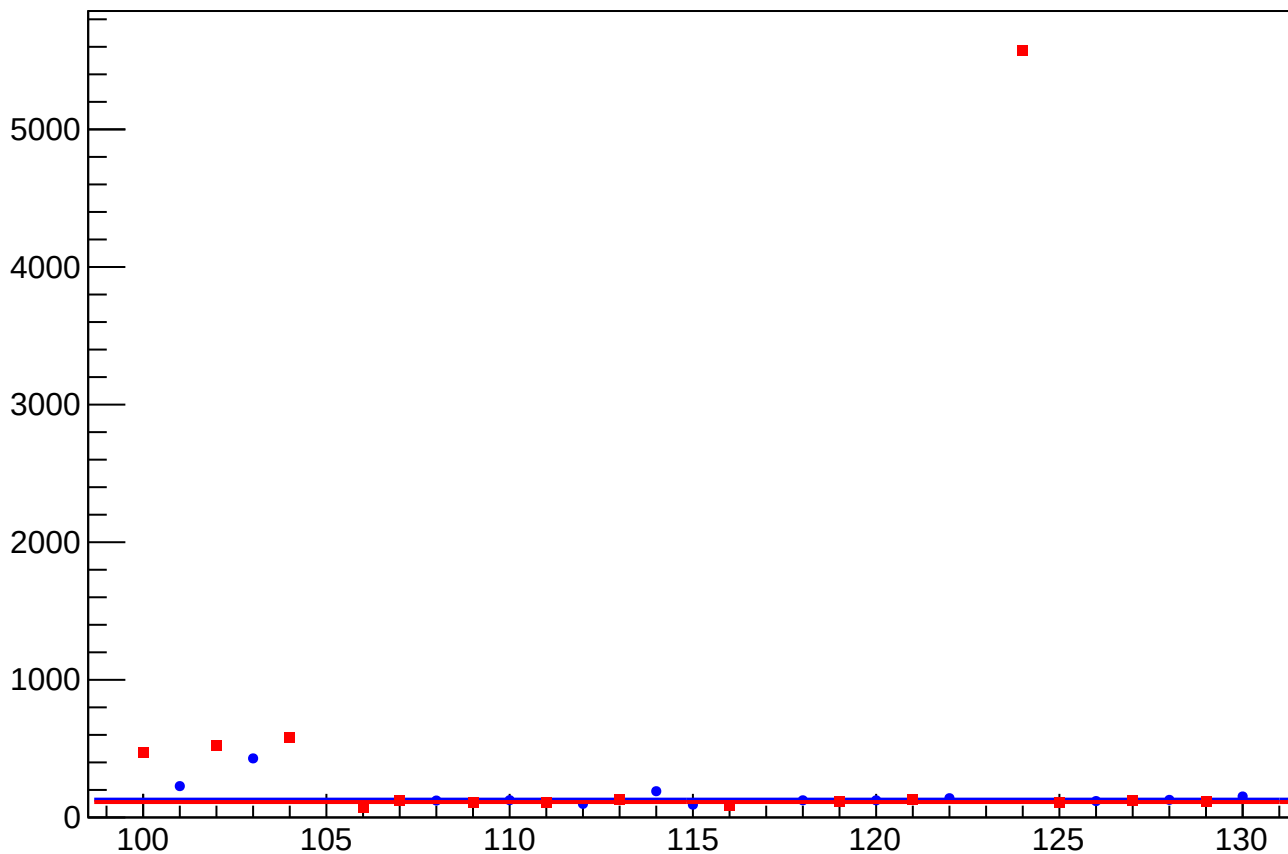
asym_atr1l2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031 ± 0.061 $\chi^2/\text{NDF}: 14.5/12$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -0.016 ± 0.054 $\chi^2/\text{NDF}: 26.5/14$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right: -0.023 ± 0.040 $\chi^2/\text{NDF}: 41.0/27$
 In: -0.031 ± 0.061 $\chi^2/\text{NDF}: 14.5/12$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -0.023 ± 0.040 $\chi^2/\text{NDF}: 41.0/27$

asym_atr1l2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.438+/-0.043 χ^2/NDF : 931269.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.004+/-0.038 χ^2/NDF : 1616976.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

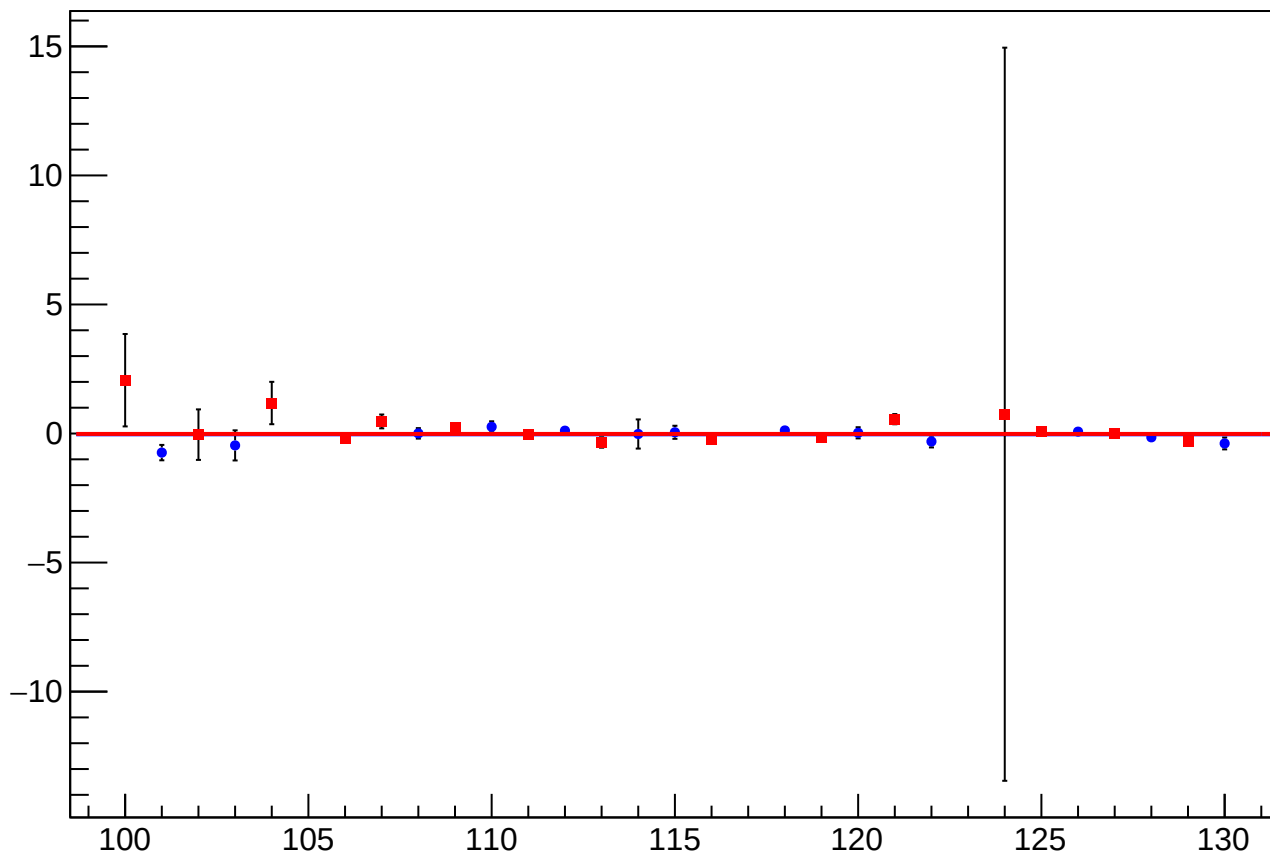
Right: 119.678+/-0.028 χ^2/NDF : 2641124.0/27

In: 129.438+/-0.043 χ^2/NDF : 931269.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.678+/-0.028 χ^2/NDF : 2641124.0/27

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031 ± 0.061 $\chi^2/\text{NDF}: 14.5/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.016 ± 0.054 $\chi^2/\text{NDF}: 26.5/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

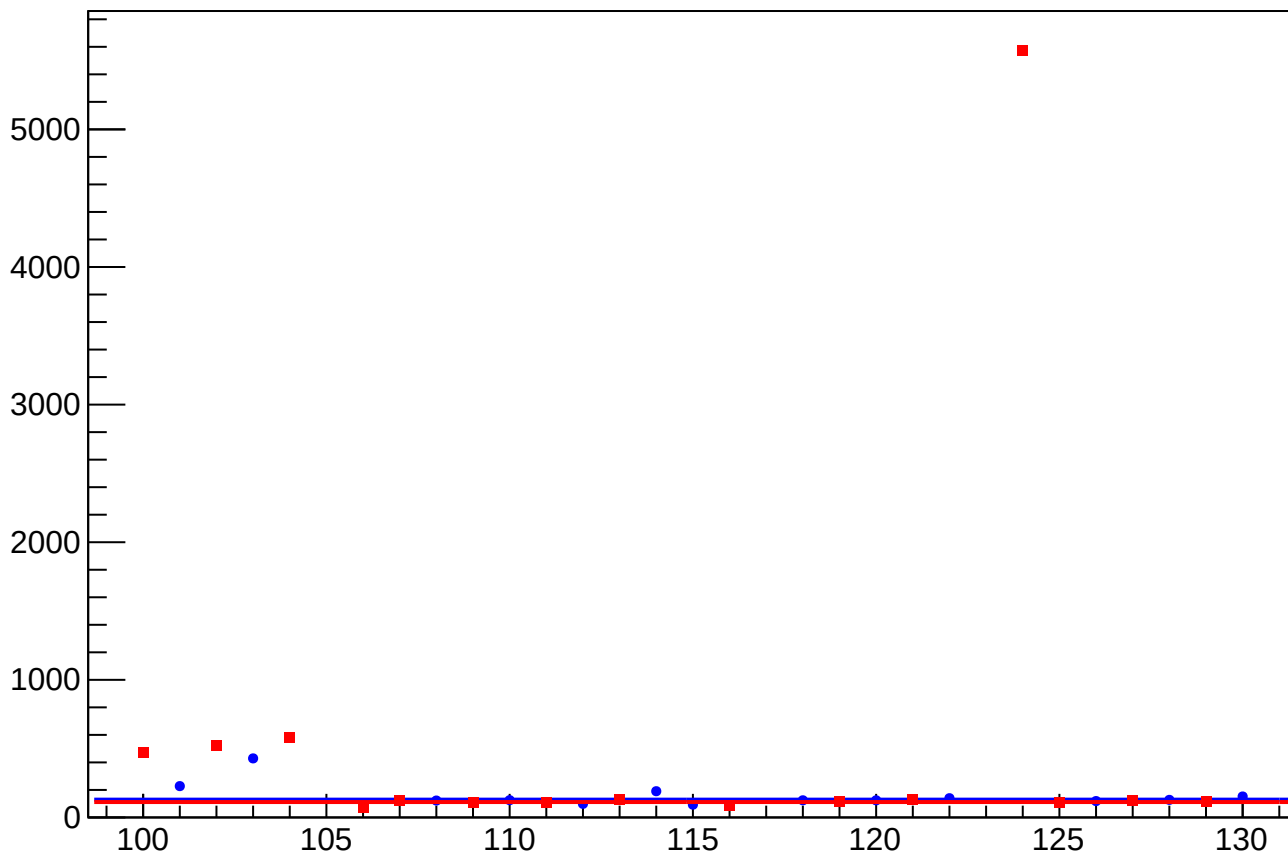
Right: -0.023 ± 0.040 $\chi^2/\text{NDF}: 41.0/27$

In: -0.031 ± 0.061 $\chi^2/\text{NDF}: 14.5/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.023 ± 0.040 $\chi^2/\text{NDF}: 41.0/27$

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.438+/-0.043 χ^2/NDF : 931269.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.004+/-0.038 χ^2/NDF : 1616976.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

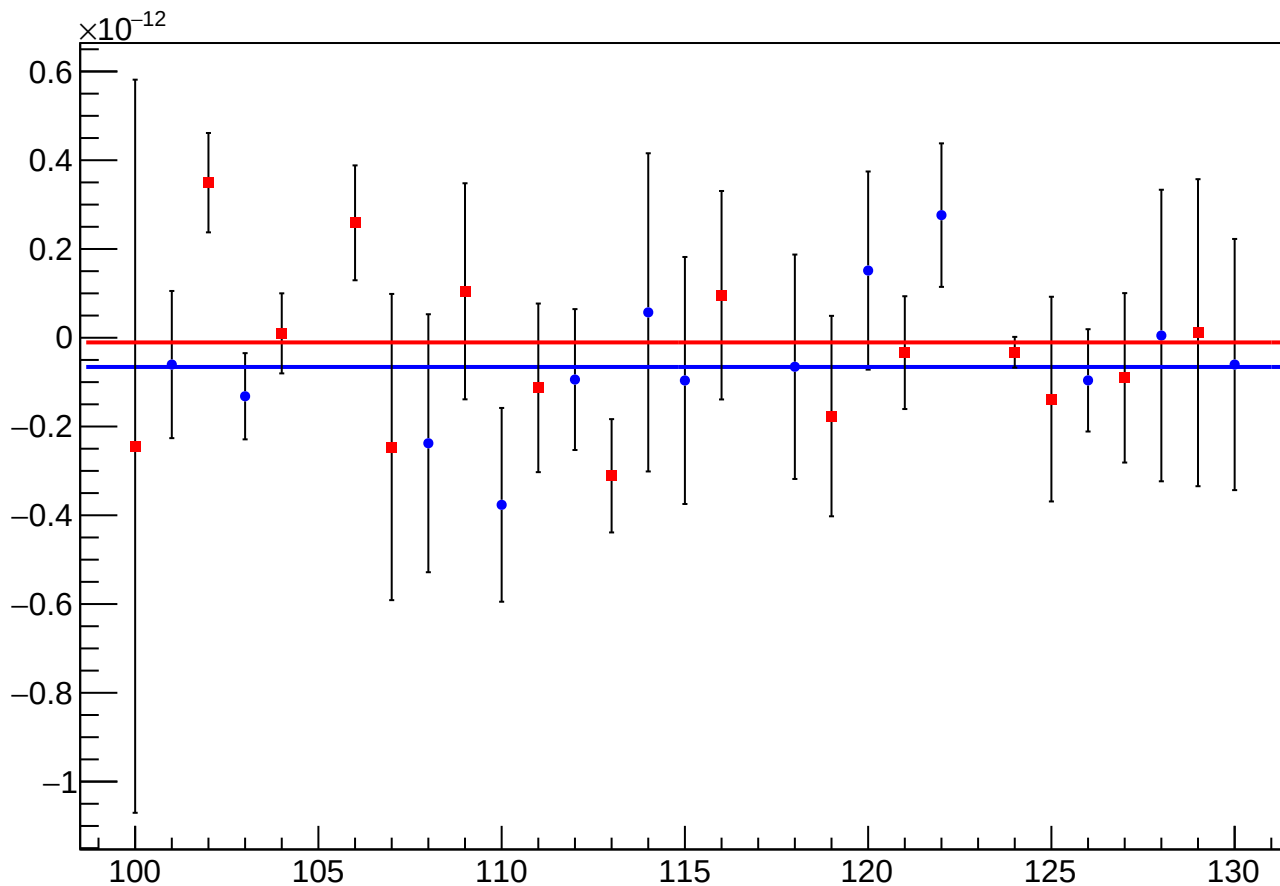
Right: 119.678+/-0.028 χ^2/NDF : 2641124.0/27

In: 129.438+/-0.043 χ^2/NDF : 931269.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.678+/-0.028 χ^2/NDF : 2641124.0/27

asym_atr1l2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 23.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

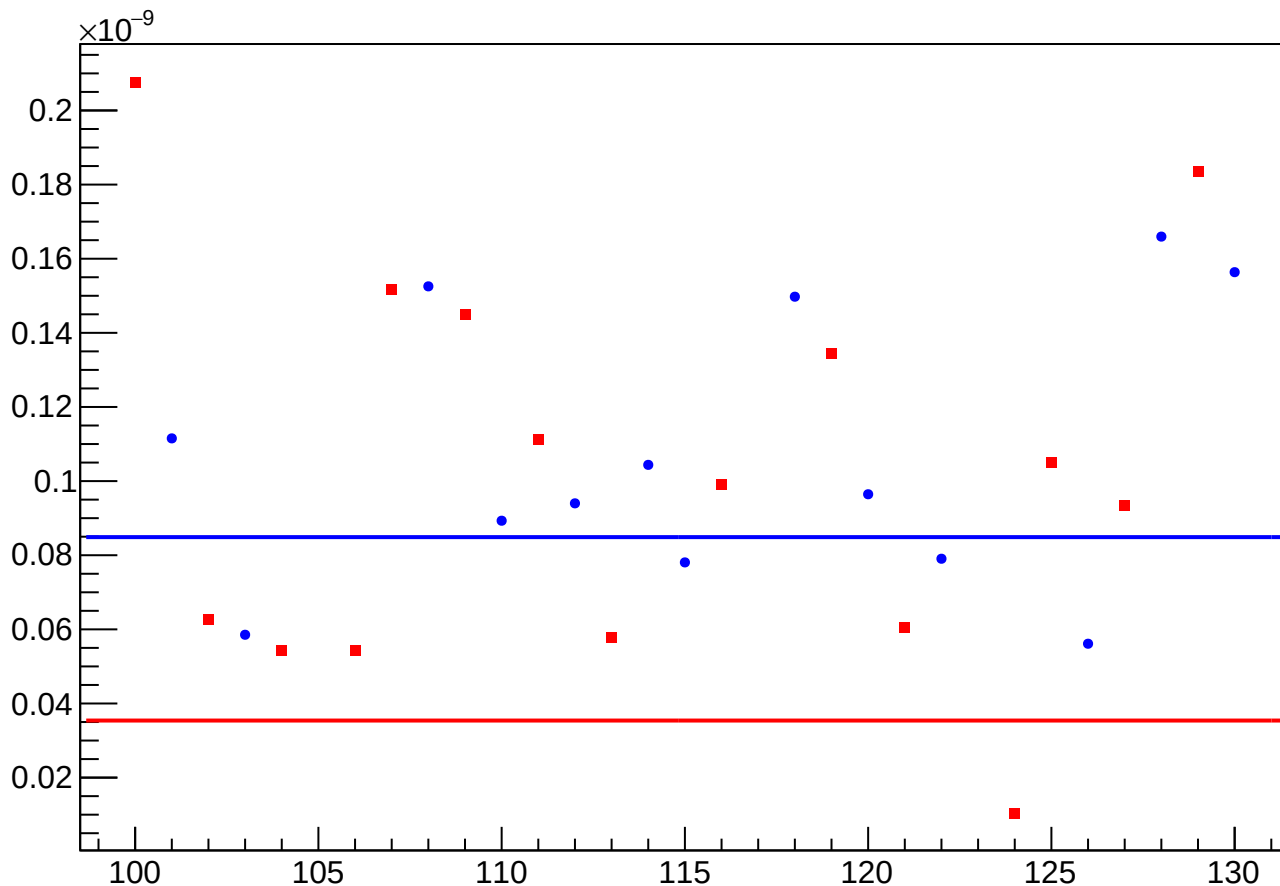
Right: -0.000+/-0.000 χ^2/NDF : 32.5/27

In: -0.000+/-0.000 χ^2/NDF : 8.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.5/27

asym_atr1l2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 835352.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3752433.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

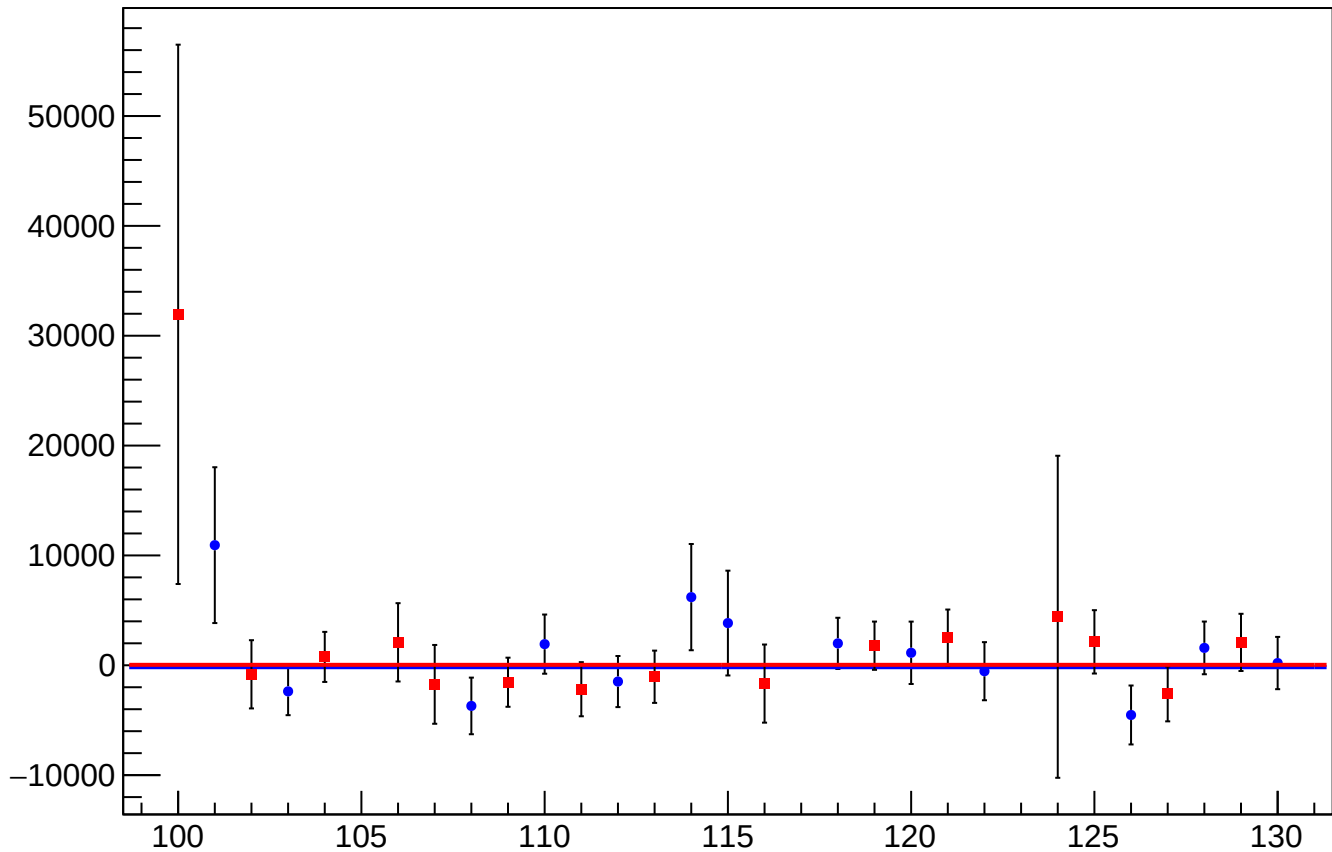
Right: 0.000+/-0.000 χ^2/NDF : 6122940.5/27

In: 0.000+/-0.000 χ^2/NDF : 835352.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6122940.5/27

reg_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -176.497 ± 759.671 χ^2/NDF : 13.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 41.249 ± 731.807 χ^2/NDF : 8.1/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

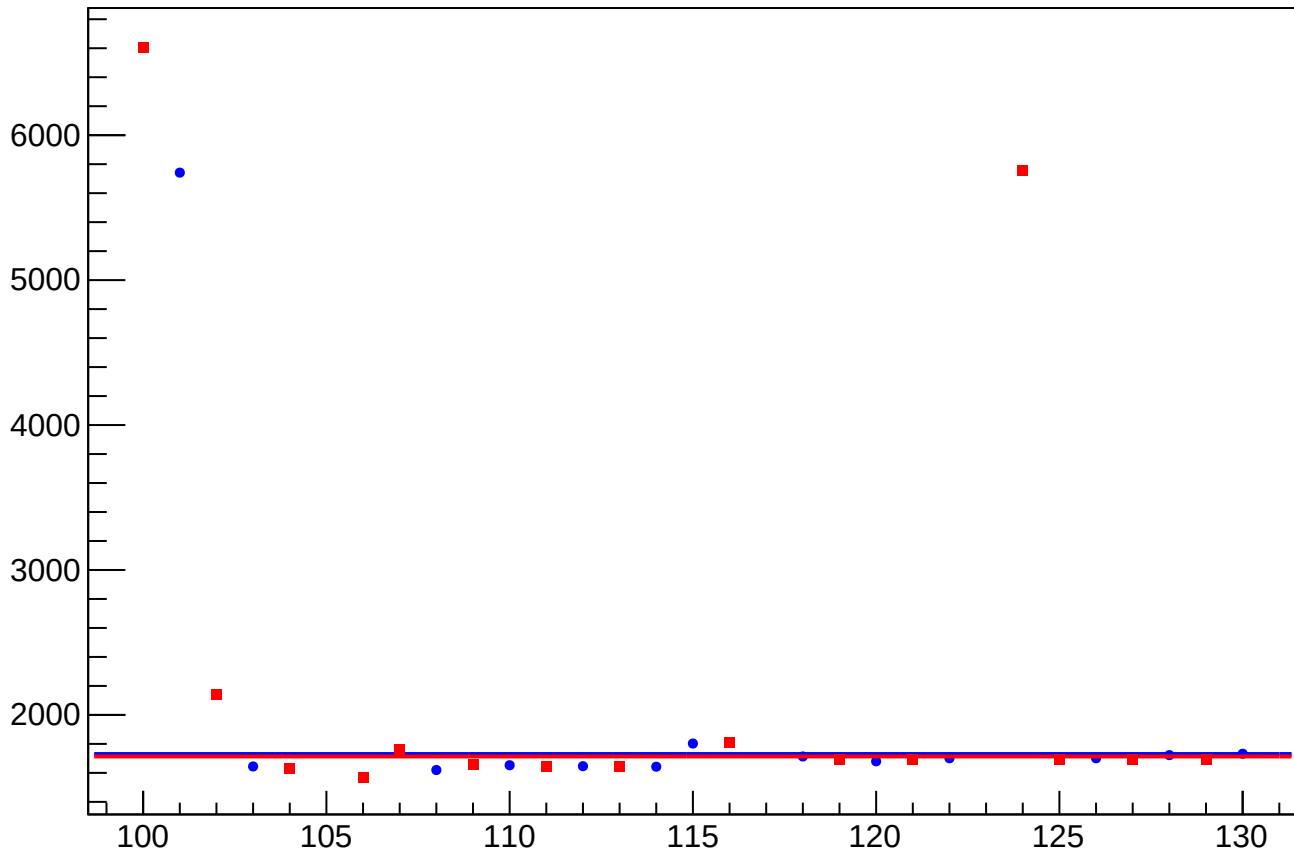
Right: -63.557 ± 527.041 χ^2/NDF : 21.2/27

In: -176.497 ± 759.671 χ^2/NDF : 13.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -63.557 ± 527.041 χ^2/NDF : 21.2/27

reg_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1729.925+/-0.537 χ^2/NDF : 653109.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1713.284+/-0.513 χ^2/NDF : 284055.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

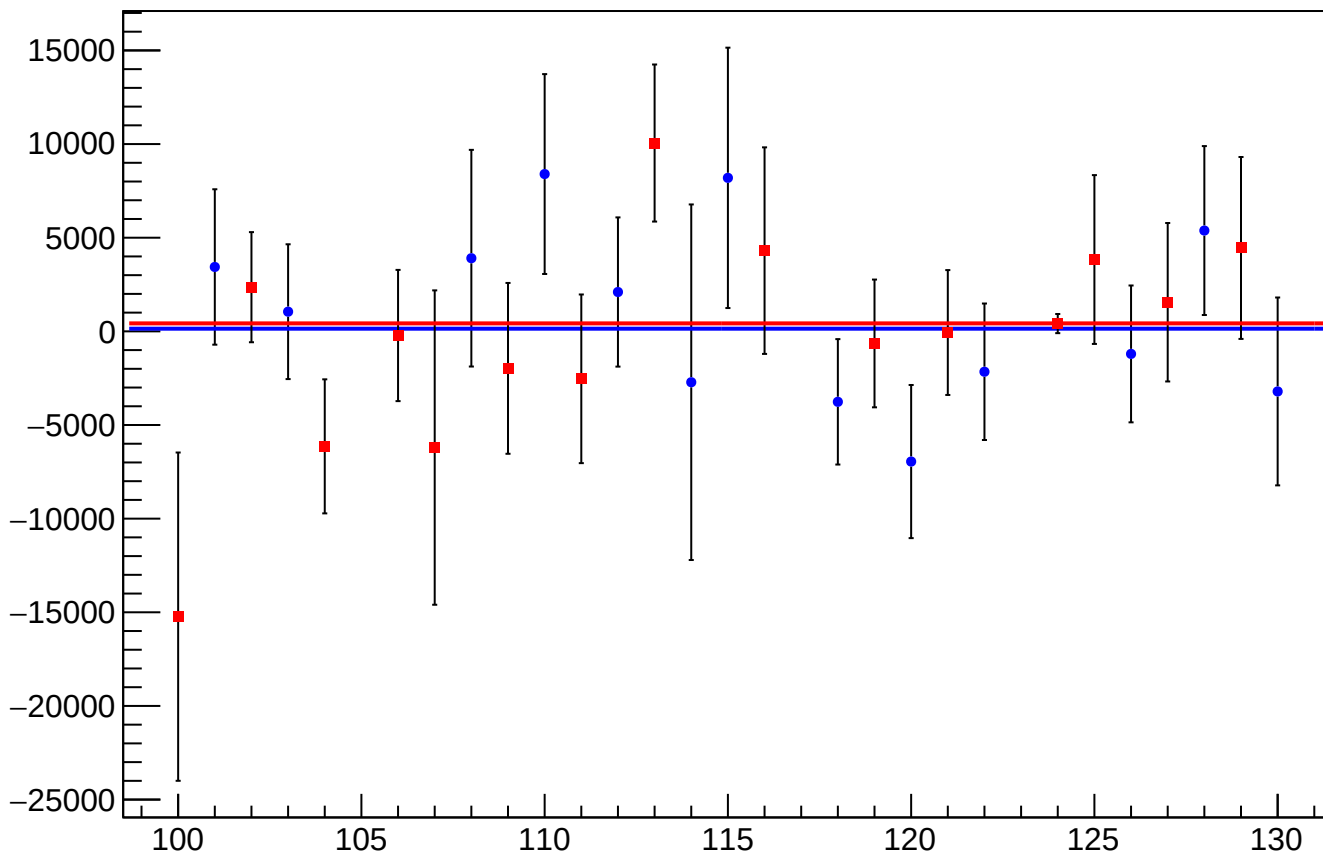
Right: 1721.217+/-0.371 χ^2/NDF : 937667.3/27

In: 1729.925+/-0.537 χ^2/NDF :653109.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1721.217+/-0.371 χ^2/NDF : 937667.3/27

asym_atr1l2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 142.296+/-1209.722 χ^2/NDF : 11.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 425.818+/-464.499 χ^2/NDF : 15.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

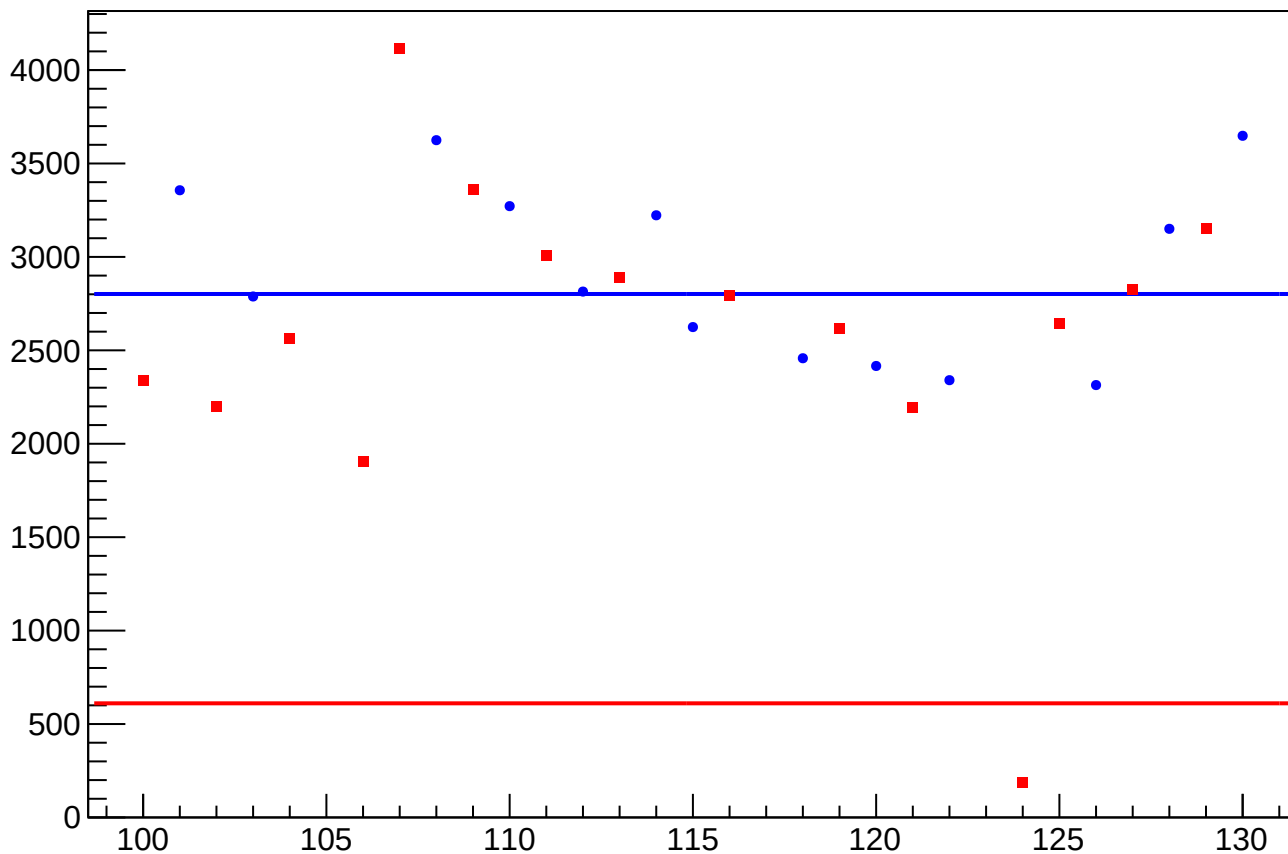
Right: 389.388+/-433.631 χ^2/NDF : 27.5/27

In: 142.296+/-1209.722 χ^2/NDF : 11.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 389.388+/-433.631 χ^2/NDF : 27.5/27

asym_atr1l2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2801.539+/-0.855 χ^2/NDF : 272599.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 610.821+/-0.328 χ^2/NDF : 8081478.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

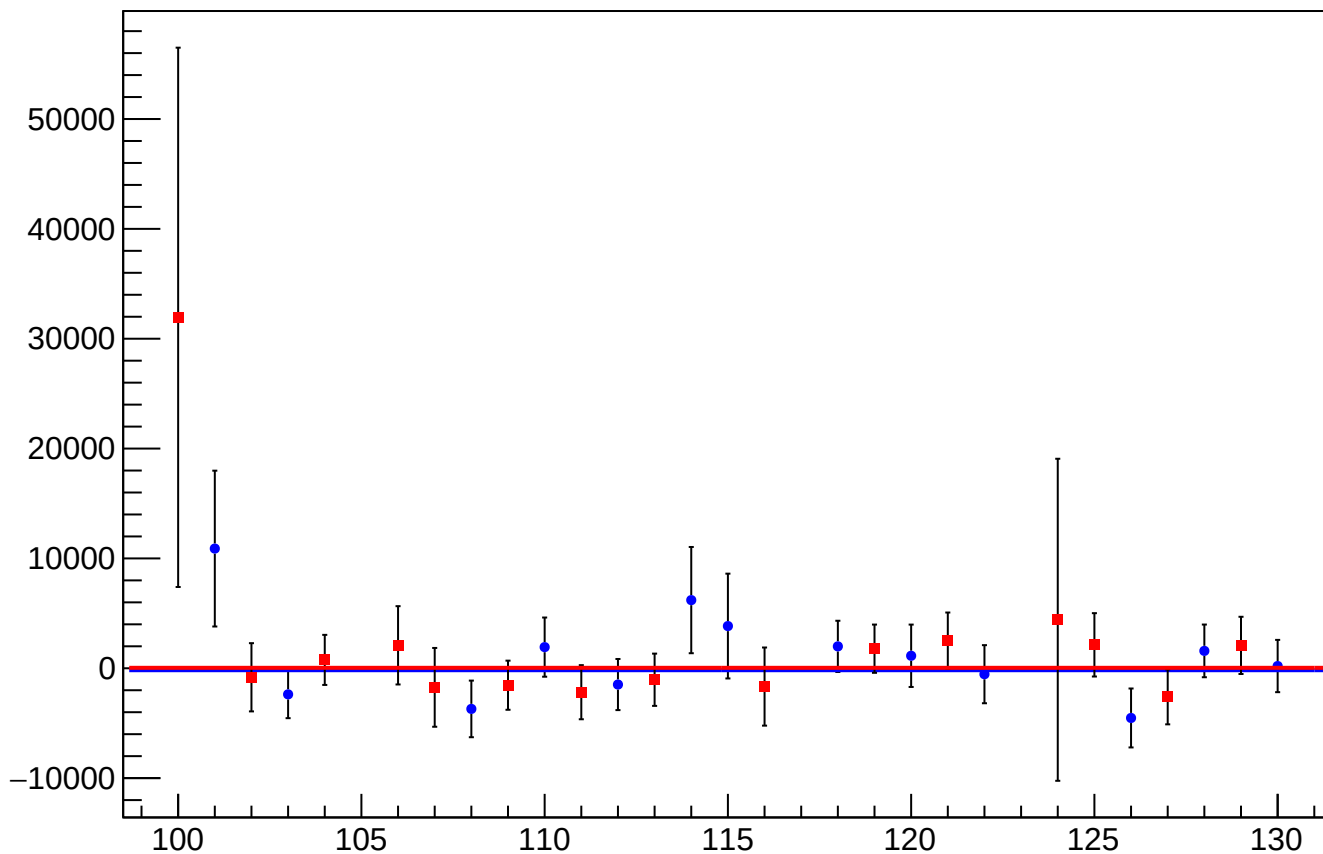
Right: 892.307+/-0.307 χ^2/NDF : 14070231.5/27

In: 2801.539+/-0.855 χ^2/NDF : 272599.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 892.307+/-0.307 χ^2/NDF : 14070231.5/27

cor_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -177.095+/-759.672 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.362+/-731.807 χ^2/NDF : 8.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

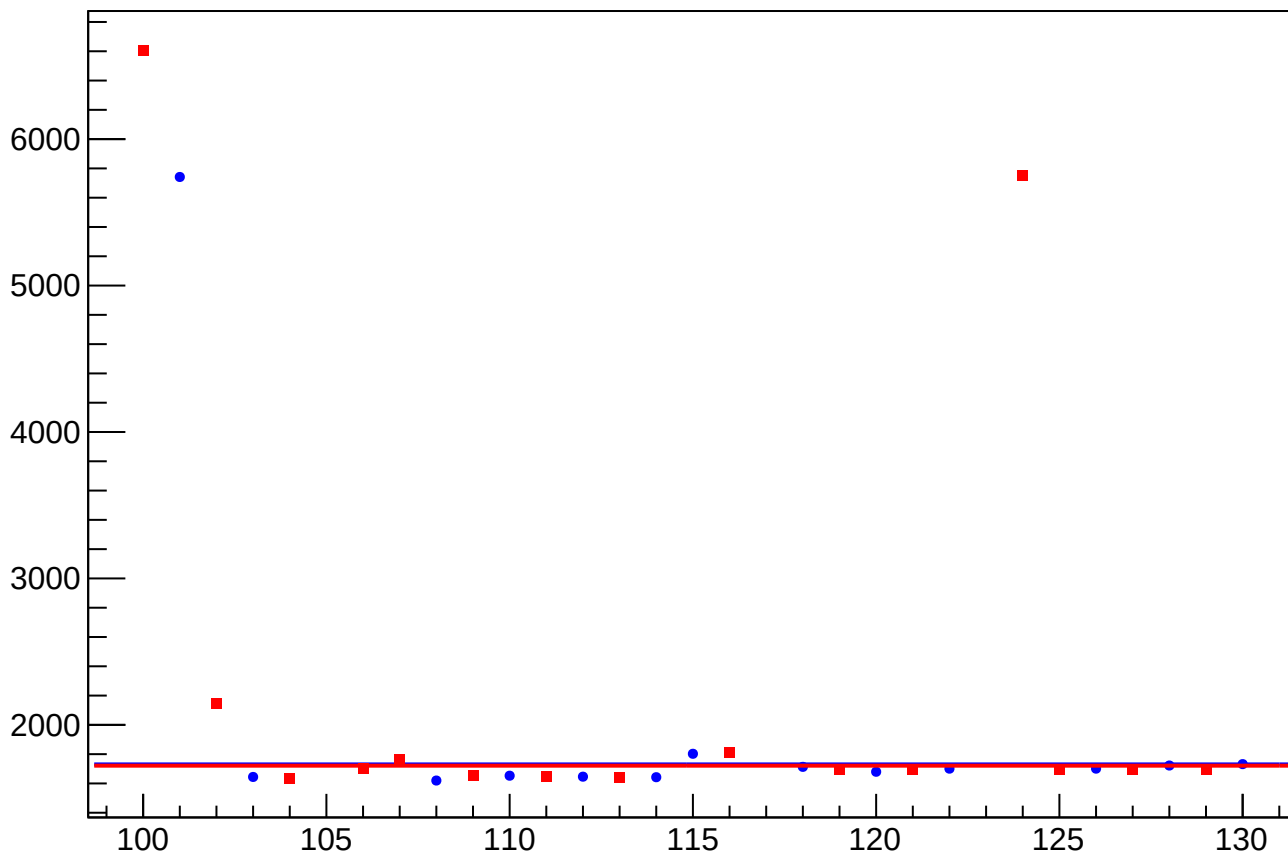
Right: -63.787+/-527.041 χ^2/NDF : 21.1/27

In: -177.095+/-759.672 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -63.787+/-527.041 χ^2/NDF : 21.1/27

cor_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1729.924+/-0.537 χ^2/NDF : 653109.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1721.391+/-0.515 χ^2/NDF : 279066.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

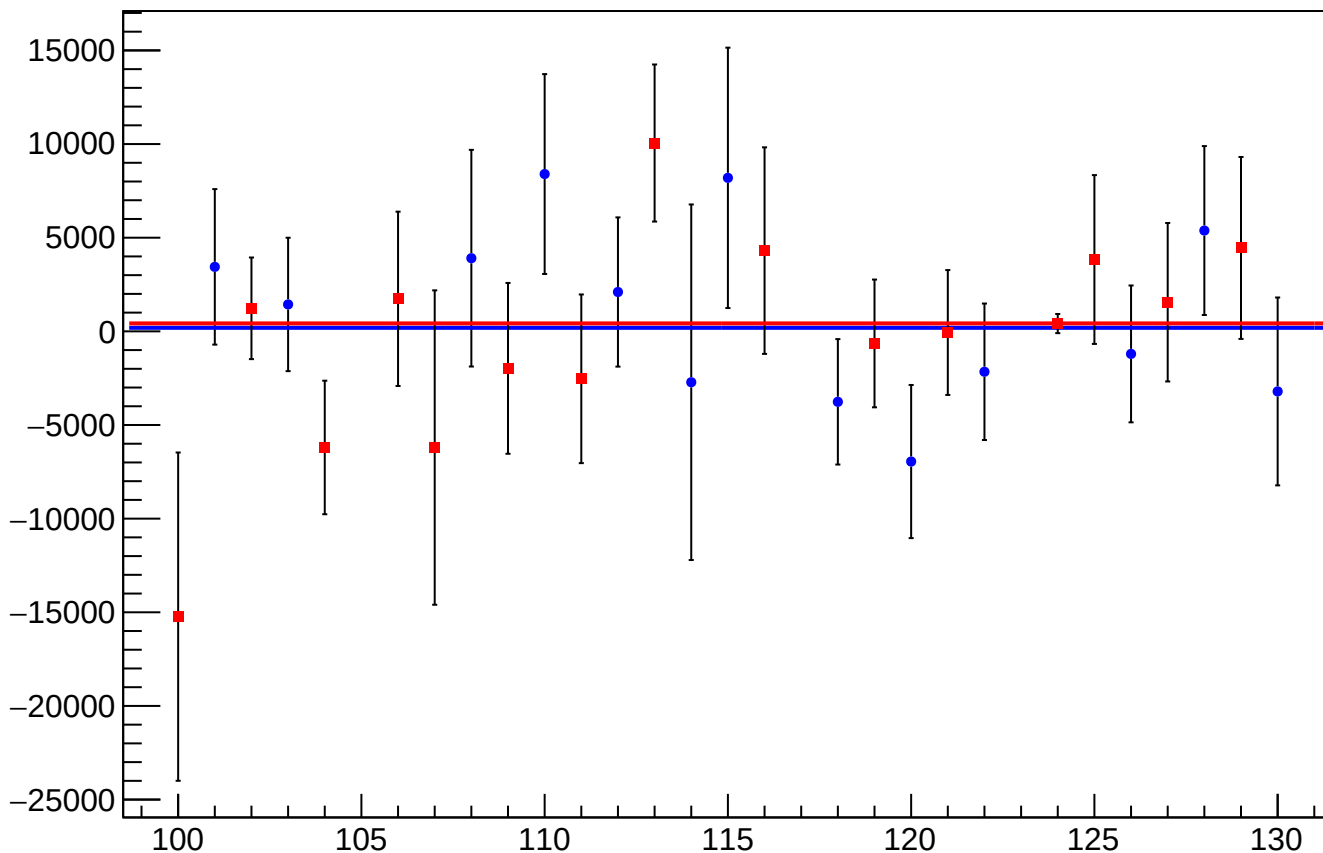
Right: 1725.478+/-0.372 χ^2/NDF : 932307.4/27

In: 1729.924+/-0.537 χ^2/NDF : 653109.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1725.478+/-0.372 χ^2/NDF : 932307.4/27

asym_atr1l2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 188.846 $\pm$ 1208.346 χ^2 /NDF: 12.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 423.760 $\pm$ 465.453 χ^2 /NDF: 15.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

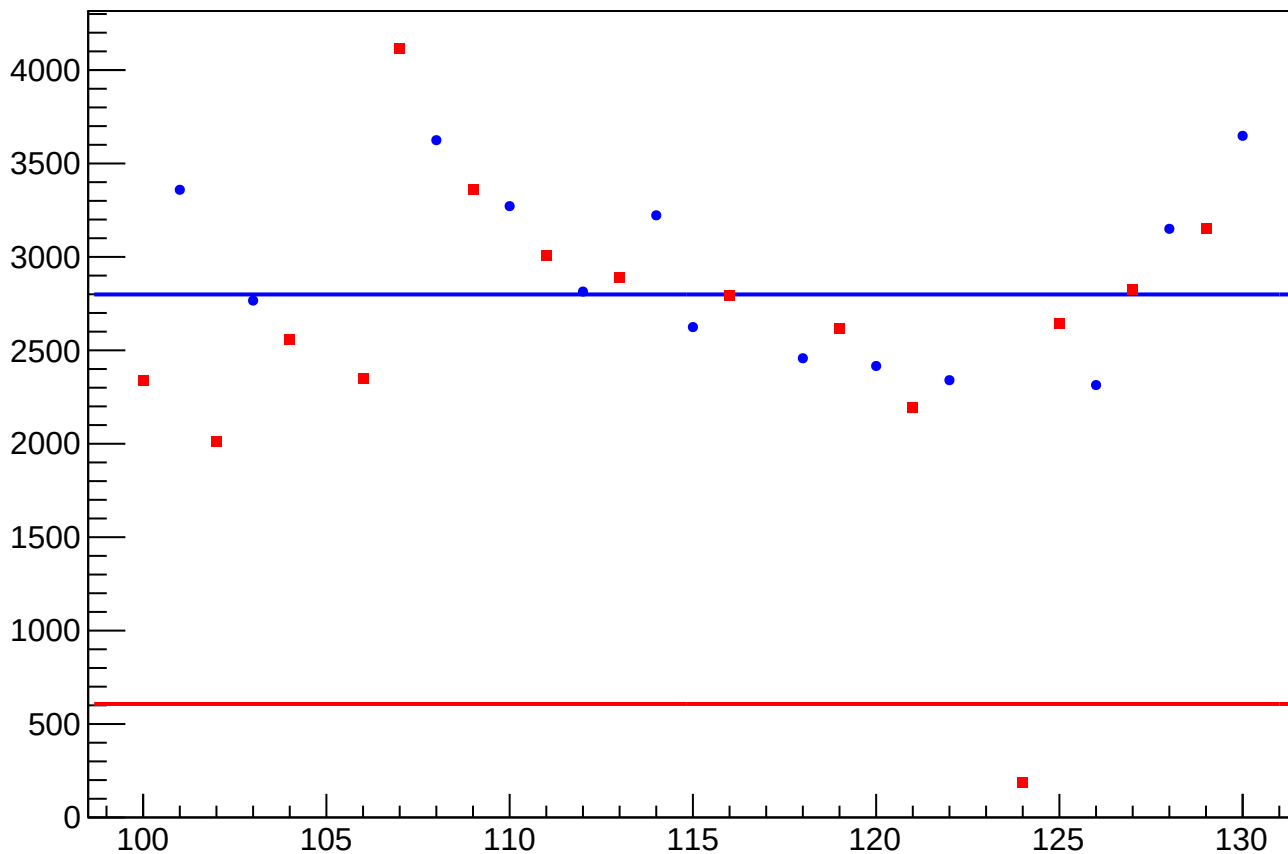
Right: 393.408 $\pm$ 434.344 χ^2 /NDF: 27.4/27

In: 188.846 $\pm$ 1208.346 χ^2 /NDF:12.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 393.408 $\pm$ 434.344 χ^2 /NDF: 27.4/27

asym_atr1l2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2799.117 $\pm$ 0.854 χ^2 /NDF: 273044.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 607.351 $\pm$ 0.329 χ^2 /NDF: 8033603.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

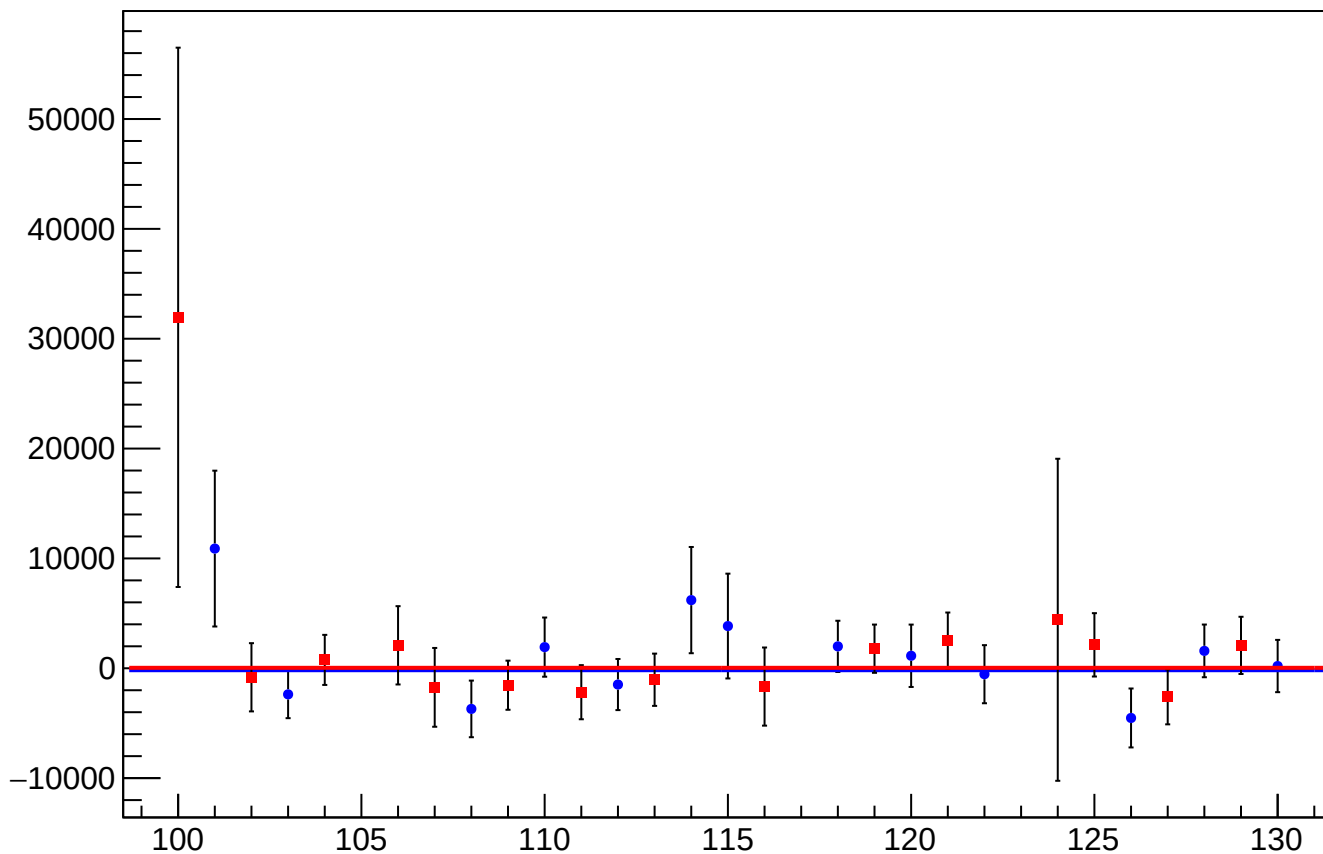
Right: 890.541 $\pm$ 0.307 χ^2 /NDF: 14036597.4/27

In: 2799.117 $\pm$ 0.854 χ^2 /NDF:273044.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 890.541 $\pm$ 0.307 χ^2 /NDF: 14036597.4/27

eigen_cor_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -177.095+/-759.672 χ^2 /NDF: 13.0/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 41.362+/-731.807 χ^2 /NDF: 8.1/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

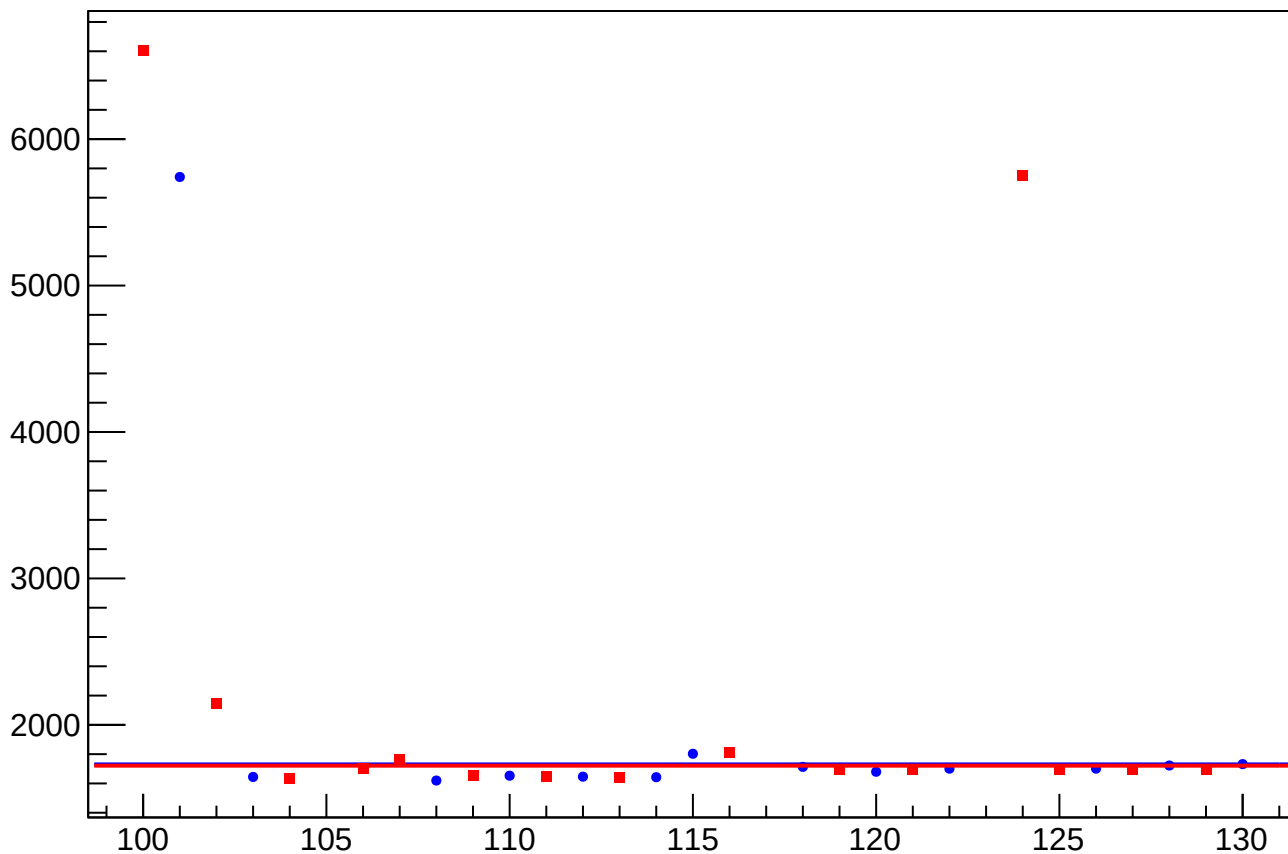
Right: -63.787+/-527.041 χ^2 /NDF: 21.1/27

In: -177.095+/-759.672 χ^2 /NDF:13.0/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -63.787+/-527.041 χ^2 /NDF: 21.1/27

eigen_cor_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1729.924+/-0.537 χ^2/NDF : 653109.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1721.391+/-0.515 χ^2/NDF : 279066.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

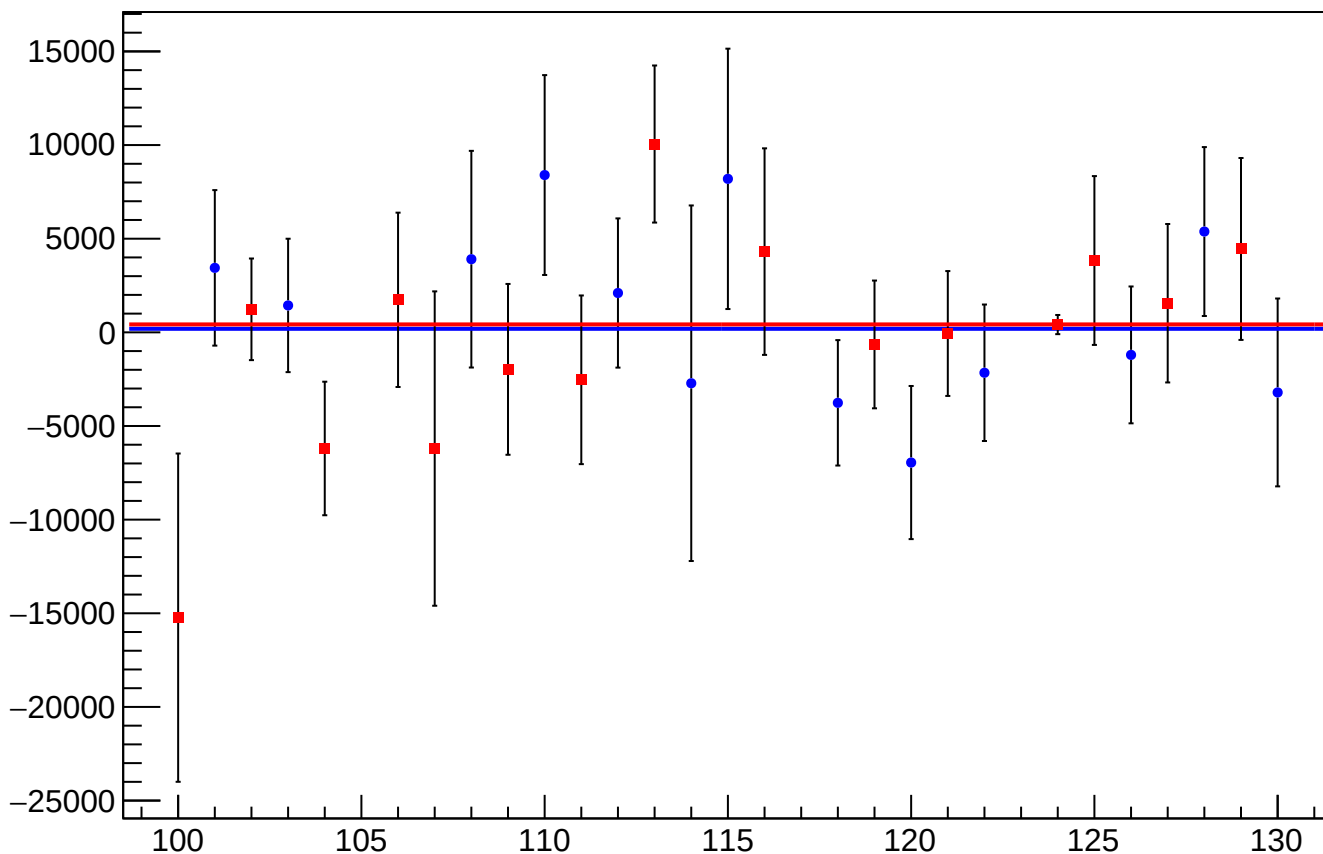
Right: 1725.478+/-0.372 χ^2/NDF : 932307.4/27

In: 1729.924+/-0.537 χ^2/NDF : 653109.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1725.478+/-0.372 χ^2/NDF : 932307.4/27

asym_atr1l2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 188.846+/-1208.346 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 423.760+/-465.453 χ^2/NDF : 15.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

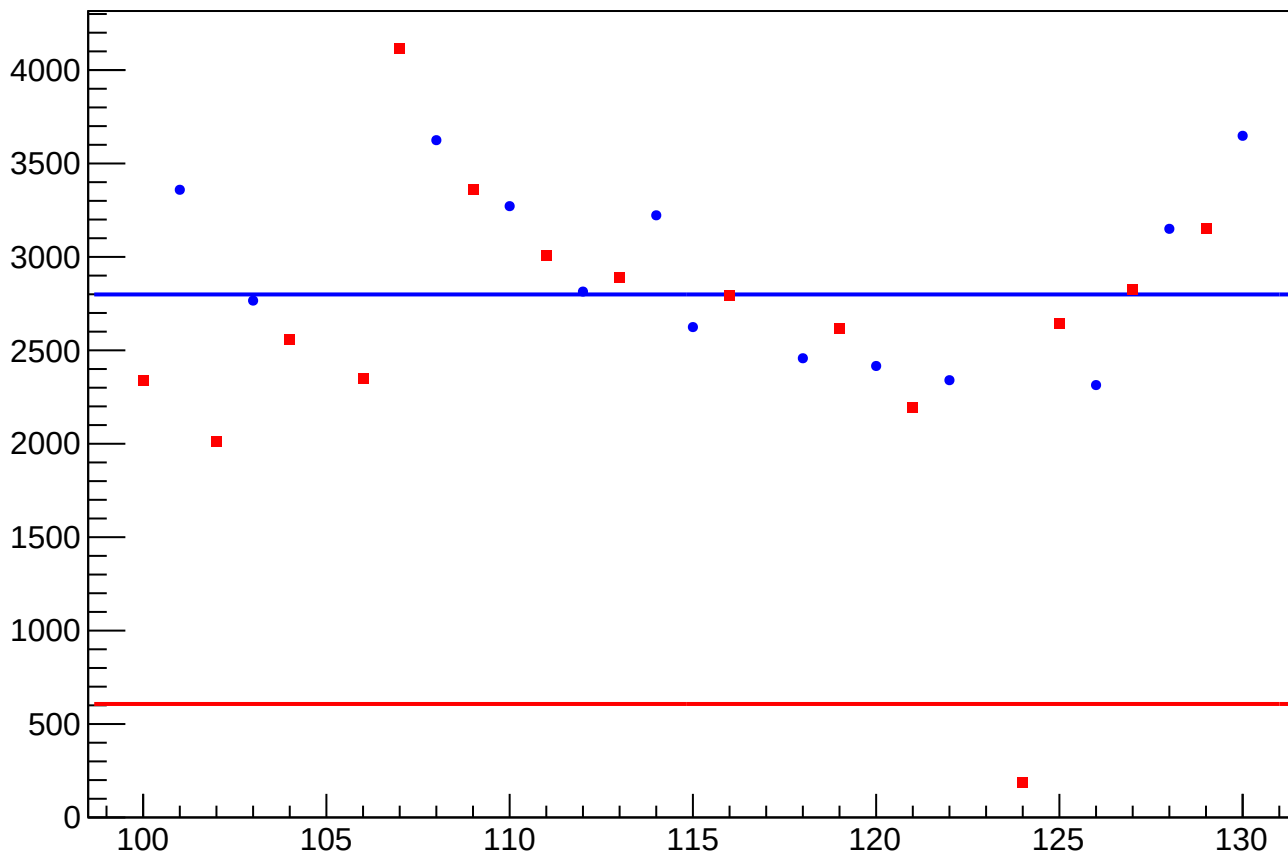
Right: 393.408+/-434.344 χ^2/NDF : 27.4/27

In: 188.846+/-1208.346 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 393.408+/-434.344 χ^2/NDF : 27.4/27

asym_atr1l2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2799.117+/-0.854 χ^2/NDF : 273044.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 607.351+/-0.329 χ^2/NDF : 8033603.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

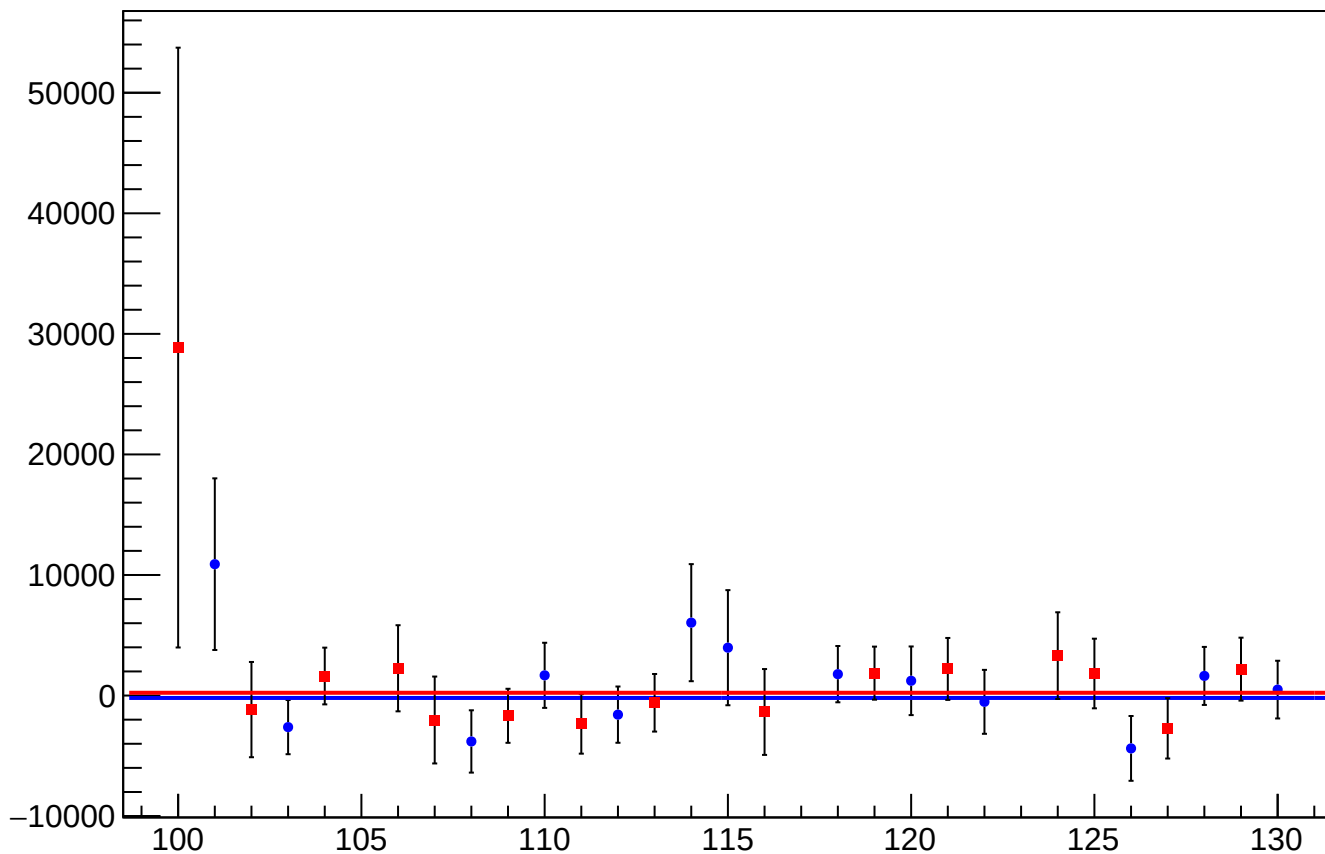
Right: 890.541+/-0.307 χ^2/NDF : 14036597.4/27

In: 2799.117+/-0.854 χ^2/NDF : 273044.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 890.541+/-0.307 χ^2/NDF : 14036597.4/27

dit_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -199.669+/-764.886 χ^2 /NDF: 12.9/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 230.180+/-729.203 χ^2 /NDF: 8.8/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

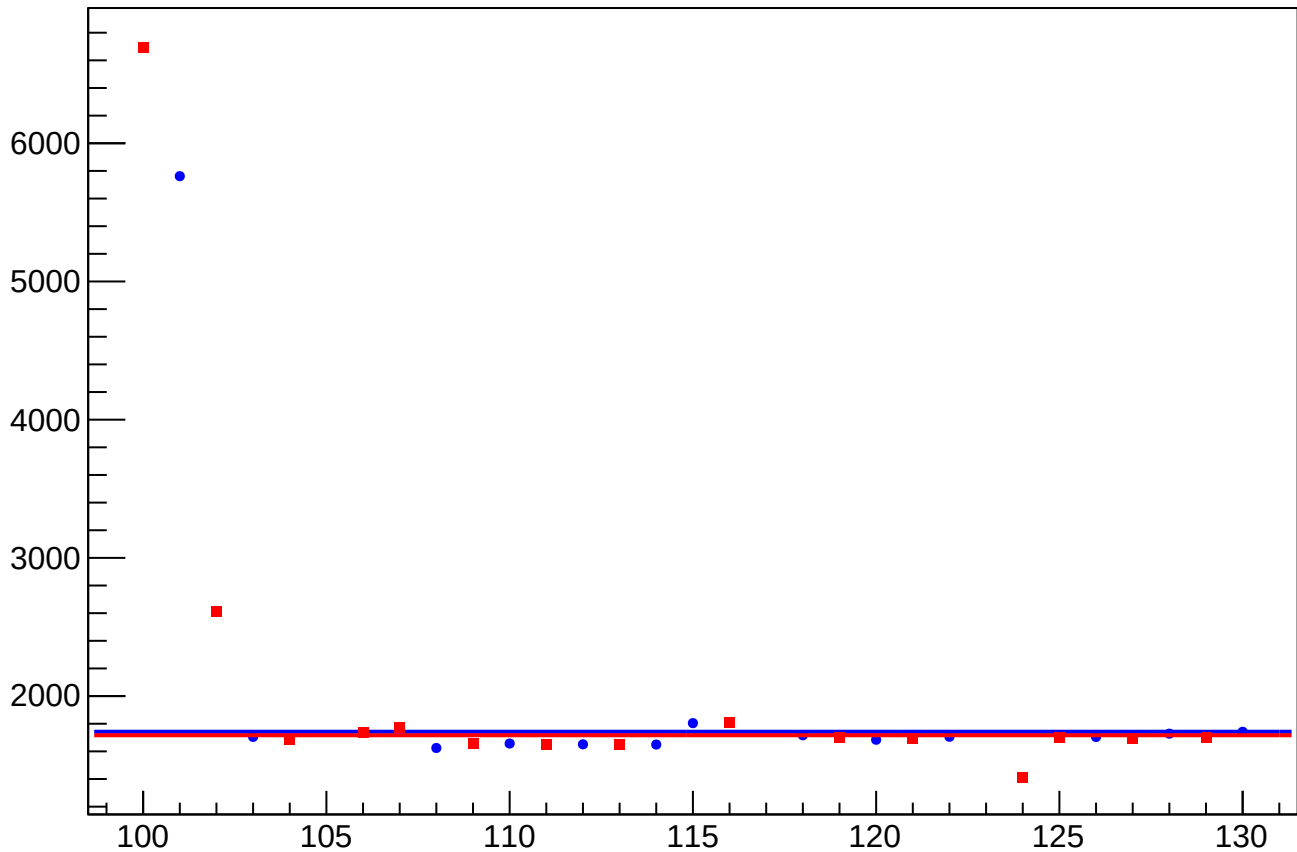
Right: 25.516+/-527.788 χ^2 /NDF: 21.8/27

In: -199.669+/-764.886 χ^2 /NDF:12.9/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 25.516+/-527.788 χ^2 /NDF: 21.8/27

dit_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1742.048+/-0.541 χ^2/NDF : 650536.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1716.475+/-0.514 χ^2/NDF : 204867.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

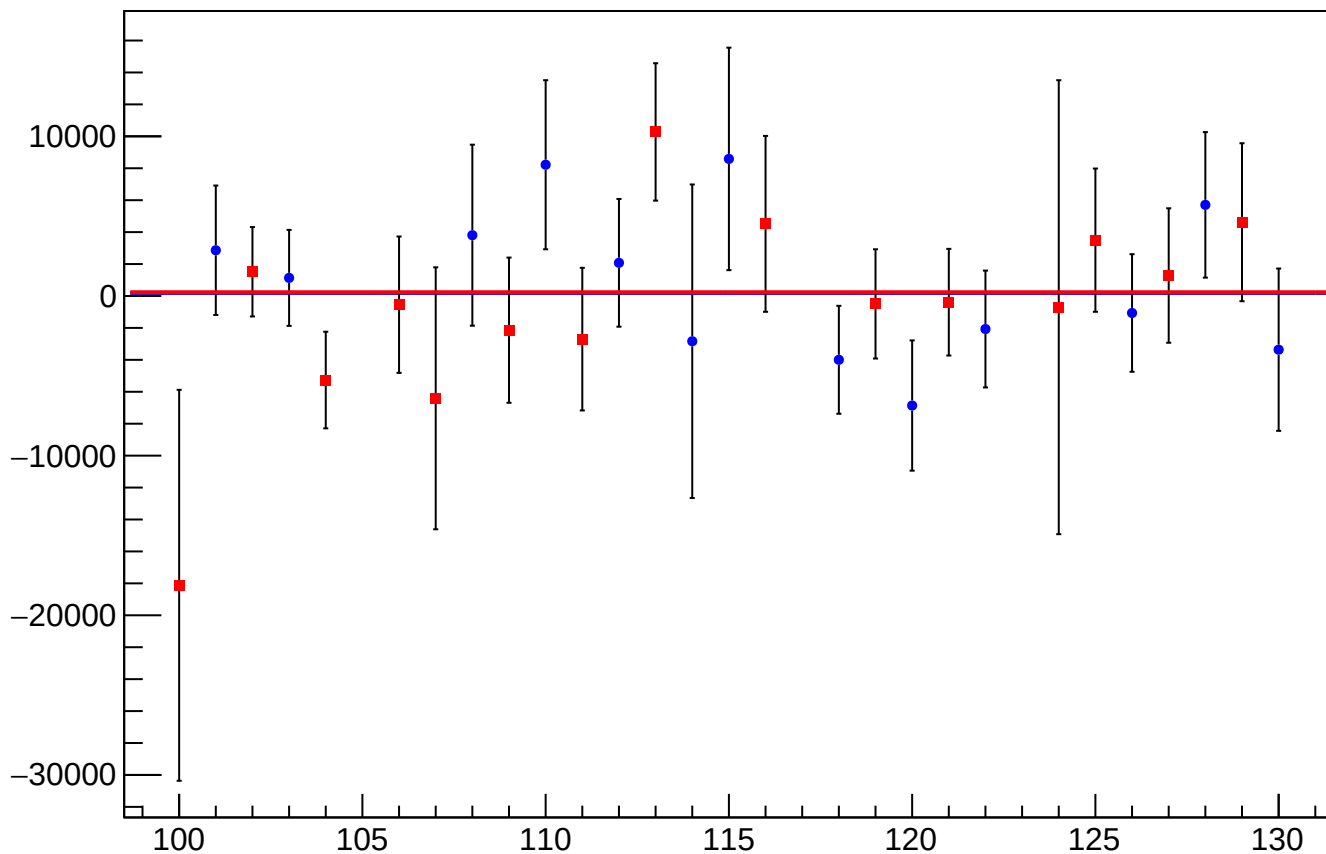
Right: 1728.606+/-0.373 χ^2/NDF : 856579.9/27

In: 1742.048+/-0.541 χ^2/NDF : 650536.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1728.606+/-0.373 χ^2/NDF : 856579.9/27

asym_atr1l2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 193.089 $\pm$ 1182.928 χ^2 /NDF: 12.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 232.069 $\pm$ 1100.516 χ^2 /NDF: 14.7/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

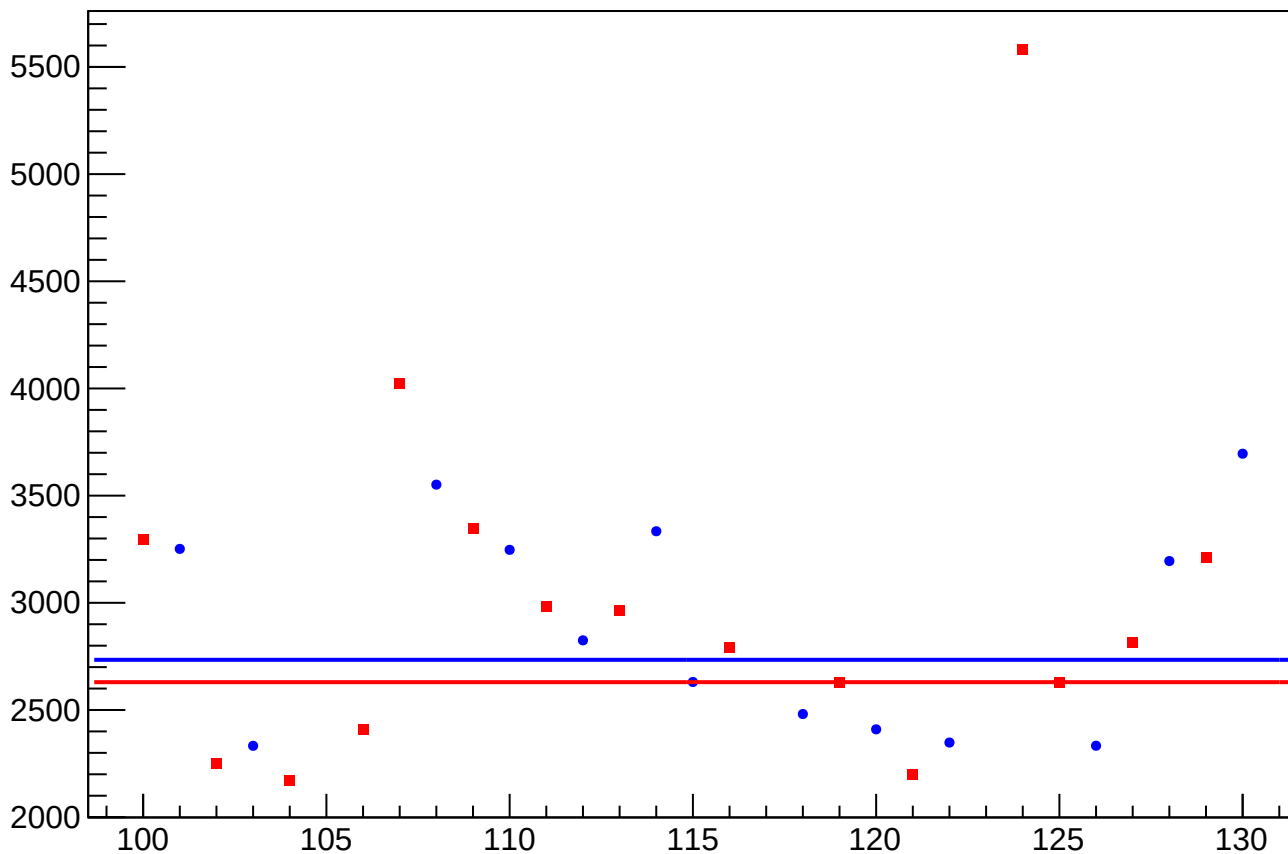
Right: 213.984 $\pm$ 805.743 χ^2 /NDF: 26.7/27

In: 193.089 $\pm$ 1182.928 χ^2 /NDF:12.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 213.984 $\pm$ 805.743 χ^2 /NDF: 26.7/27

asym_atr1l2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2734.066+/-0.836 χ^2/NDF : 299336.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2629.790+/-0.778 χ^2/NDF : 378721.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

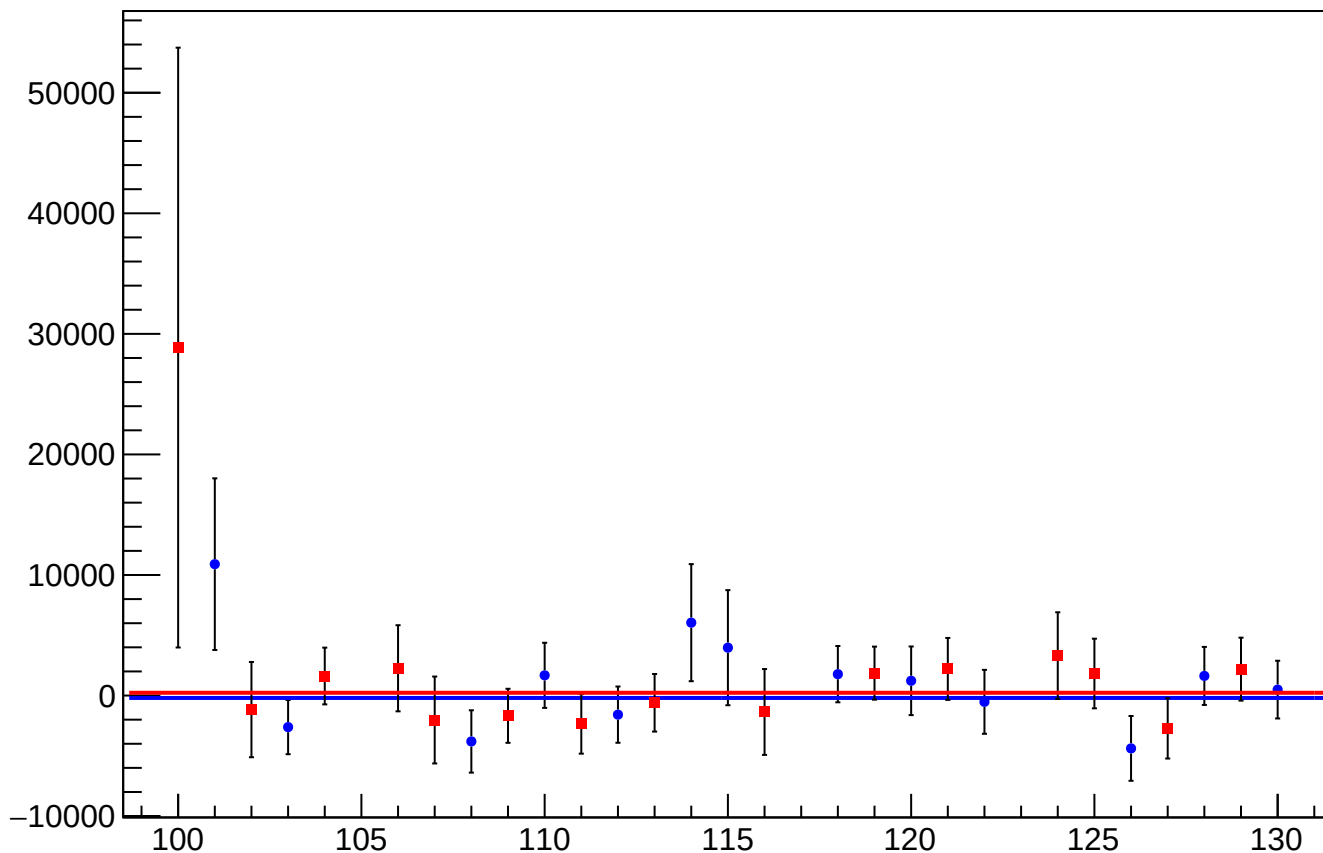
Right: 2678.170+/-0.570 χ^2/NDF : 686388.5/27

In: 2734.066+/-0.836 χ^2/NDF : 299336.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2678.170+/-0.570 χ^2/NDF : 686388.5/27

eigen_dit_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -199.674+/-764.886 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 230.175+/-729.203 χ^2/NDF : 8.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

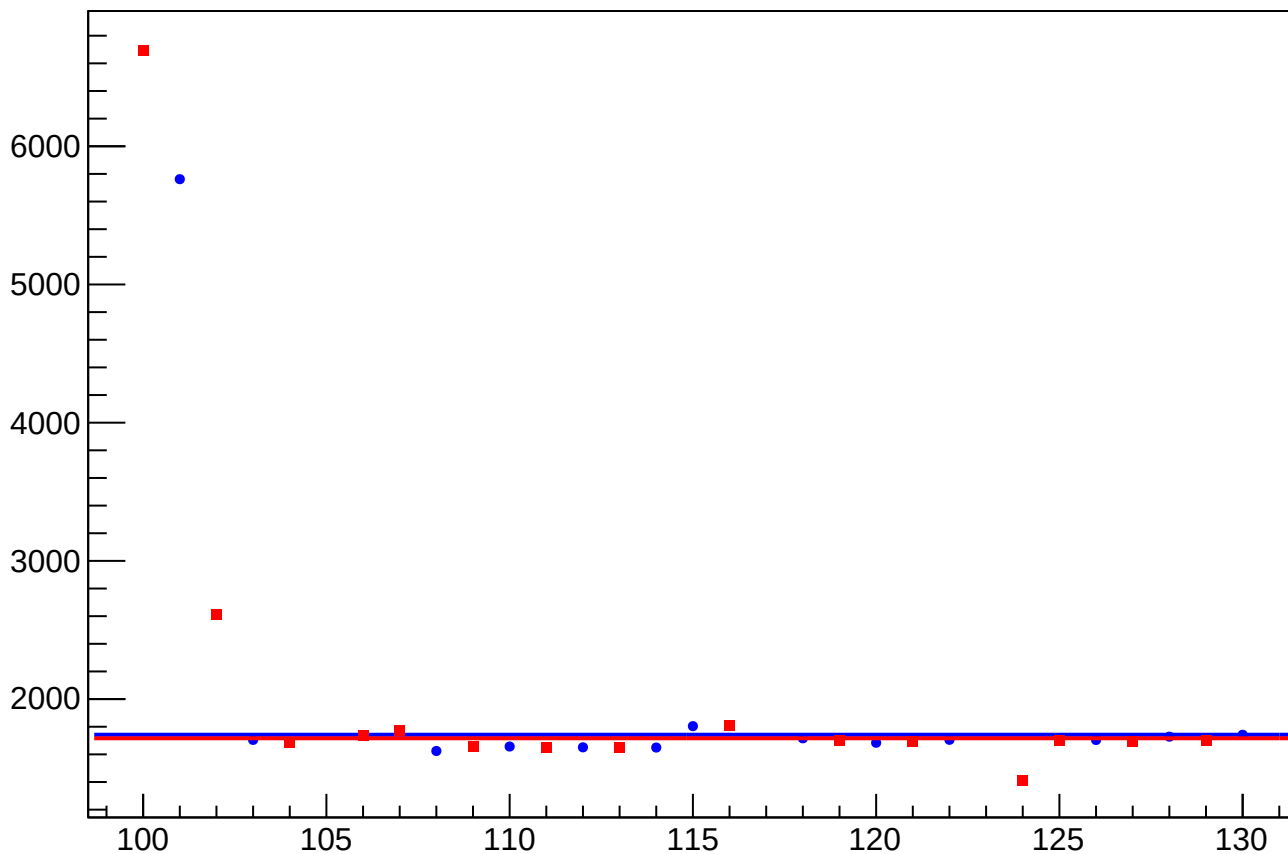
Right: 25.511+/-527.788 χ^2/NDF : 21.8/27

In: -199.674+/-764.886 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.511+/-527.788 χ^2/NDF : 21.8/27

eigen_dit_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1742.048+/-0.541 χ^2/NDF : 650536.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1716.475+/-0.514 χ^2/NDF : 204867.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

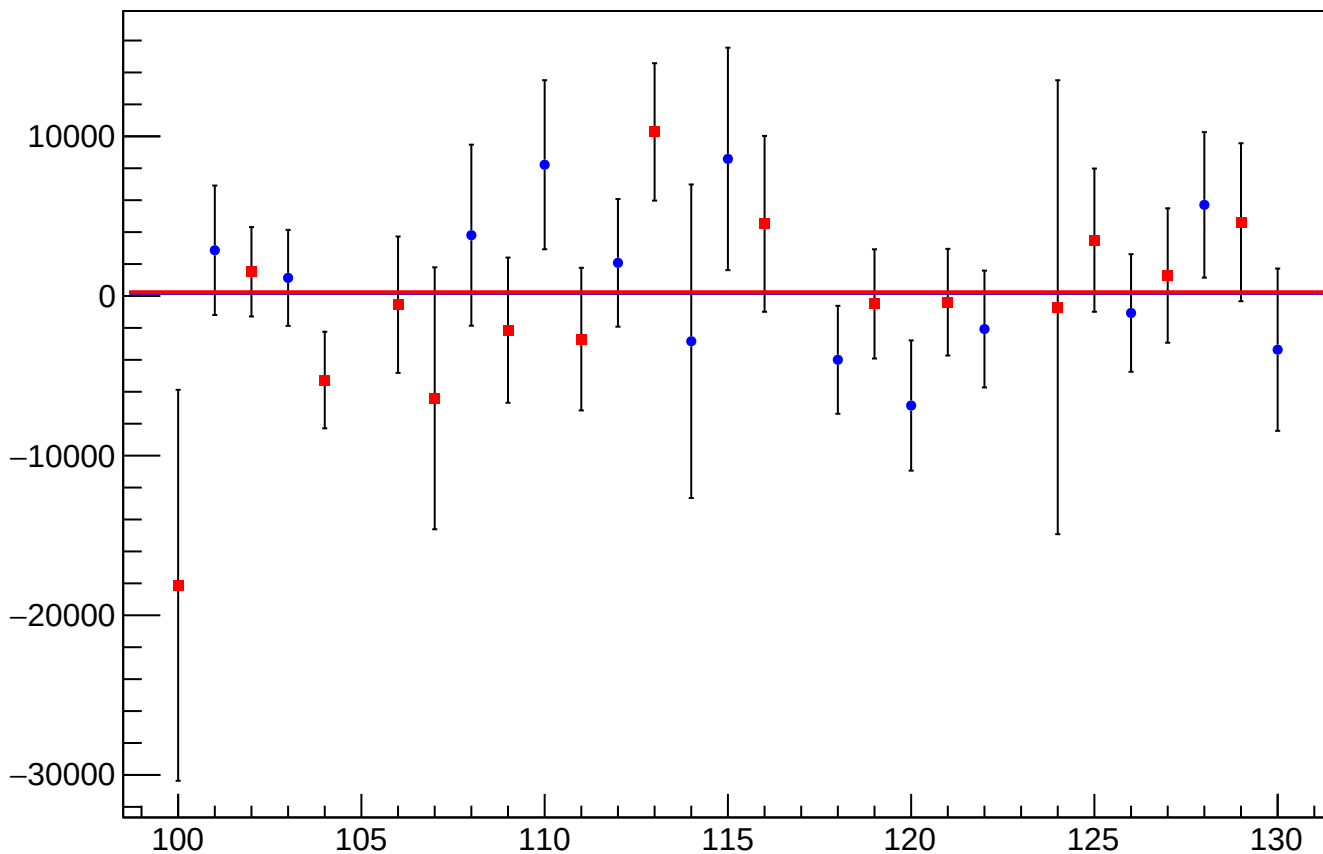
Right: 1728.606+/-0.373 χ^2/NDF : 856579.8/27

In: 1742.048+/-0.541 χ^2/NDF : 650536.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1728.606+/-0.373 χ^2/NDF : 856579.8/27

asym_atr1l2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 193.084+/-1182.925 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 232.068+/-1100.514 χ^2/NDF : 14.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

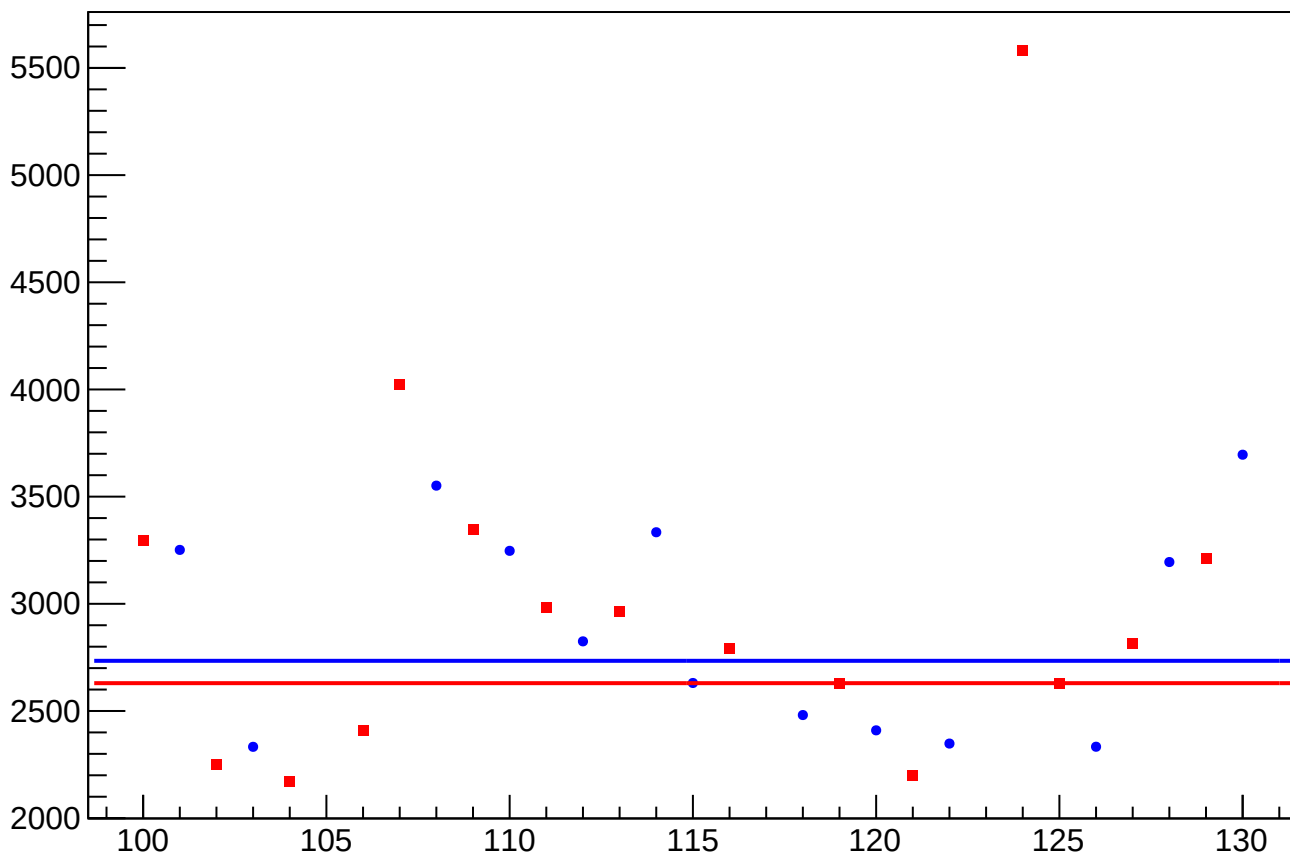
Right: 213.981+/-805.741 χ^2/NDF : 26.7/27

In: 193.084+/-1182.925 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 213.981+/-805.741 χ^2/NDF : 26.7/27

asym_atr1l2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2734.057+/-0.836 χ^2/NDF : 299336.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2629.785+/-0.778 χ^2/NDF : 378717.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

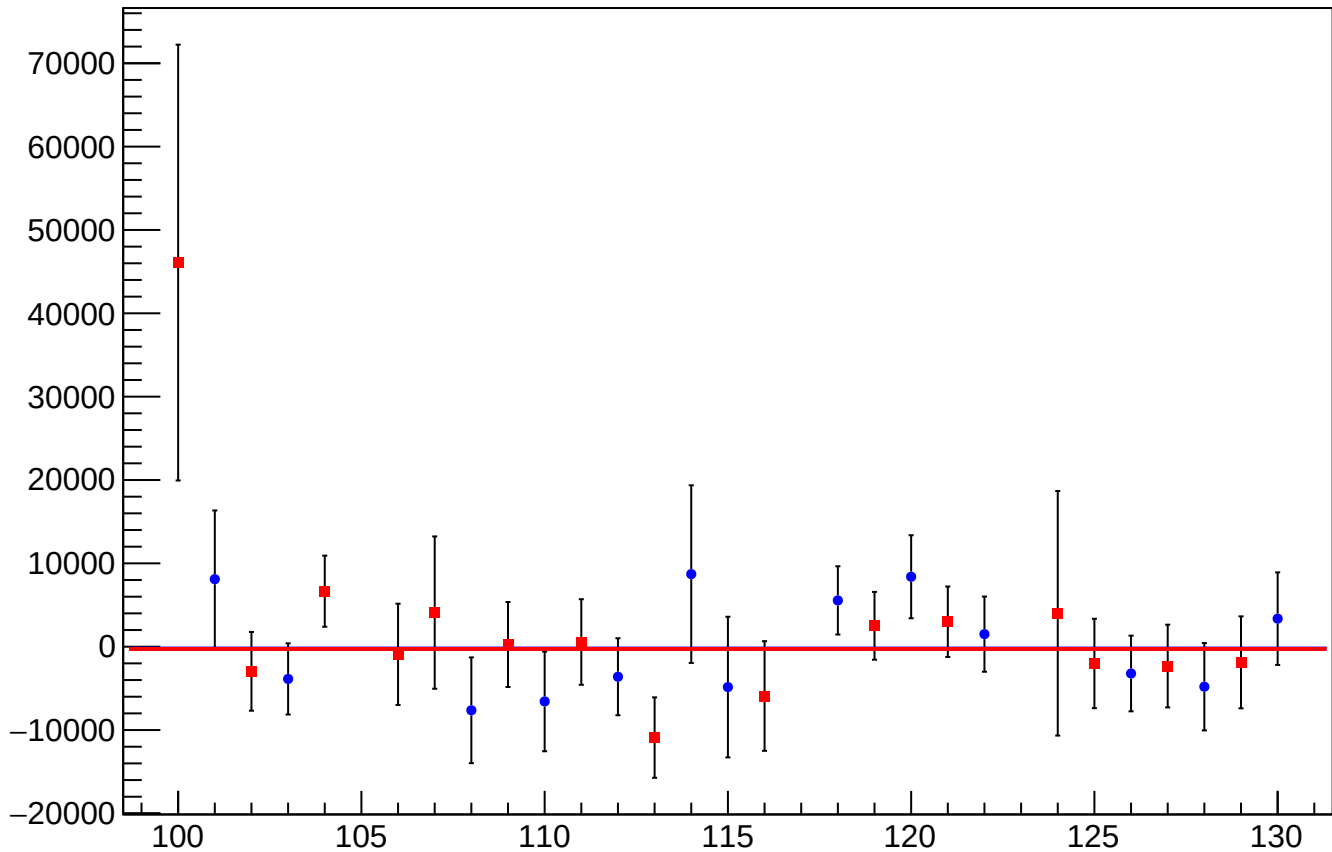
Right: 2678.163+/-0.570 χ^2/NDF : 686384.1/27

In: 2734.057+/-0.836 χ^2/NDF : 299336.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2678.163+/-0.570 χ^2/NDF : 686384.1/27

asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -228.170+/-1476.688 χ^2/NDF : 12.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -267.190+/-1397.379 χ^2/NDF : 13.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

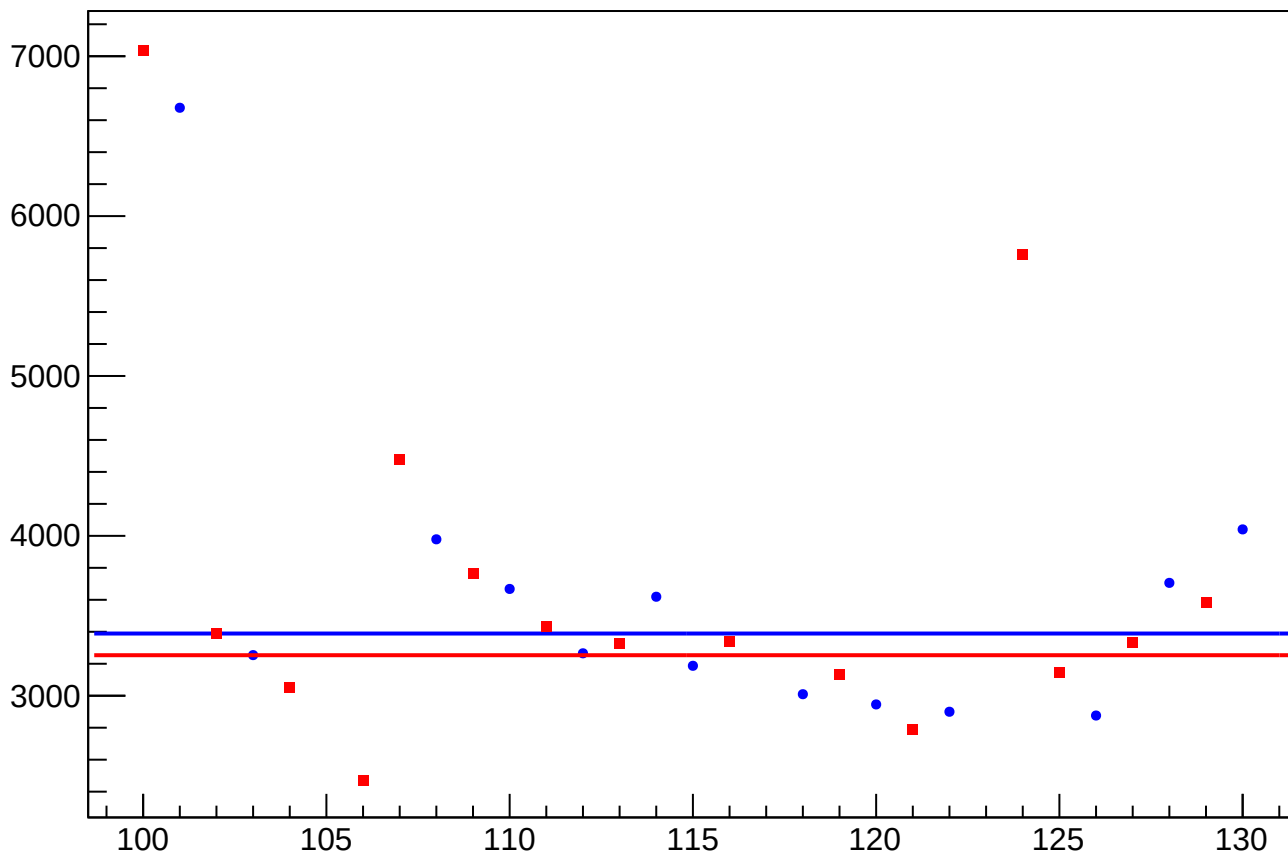
Right: -248.756+/-1014.976 χ^2/NDF : 26.0/27

In: -228.170+/-1476.688 χ^2/NDF : 12.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -248.756+/-1014.976 χ^2/NDF : 26.0/27

asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 3389.083+/-1.044 χ^2/NDF : 462248.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3253.451+/-0.972 χ^2/NDF : 254626.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

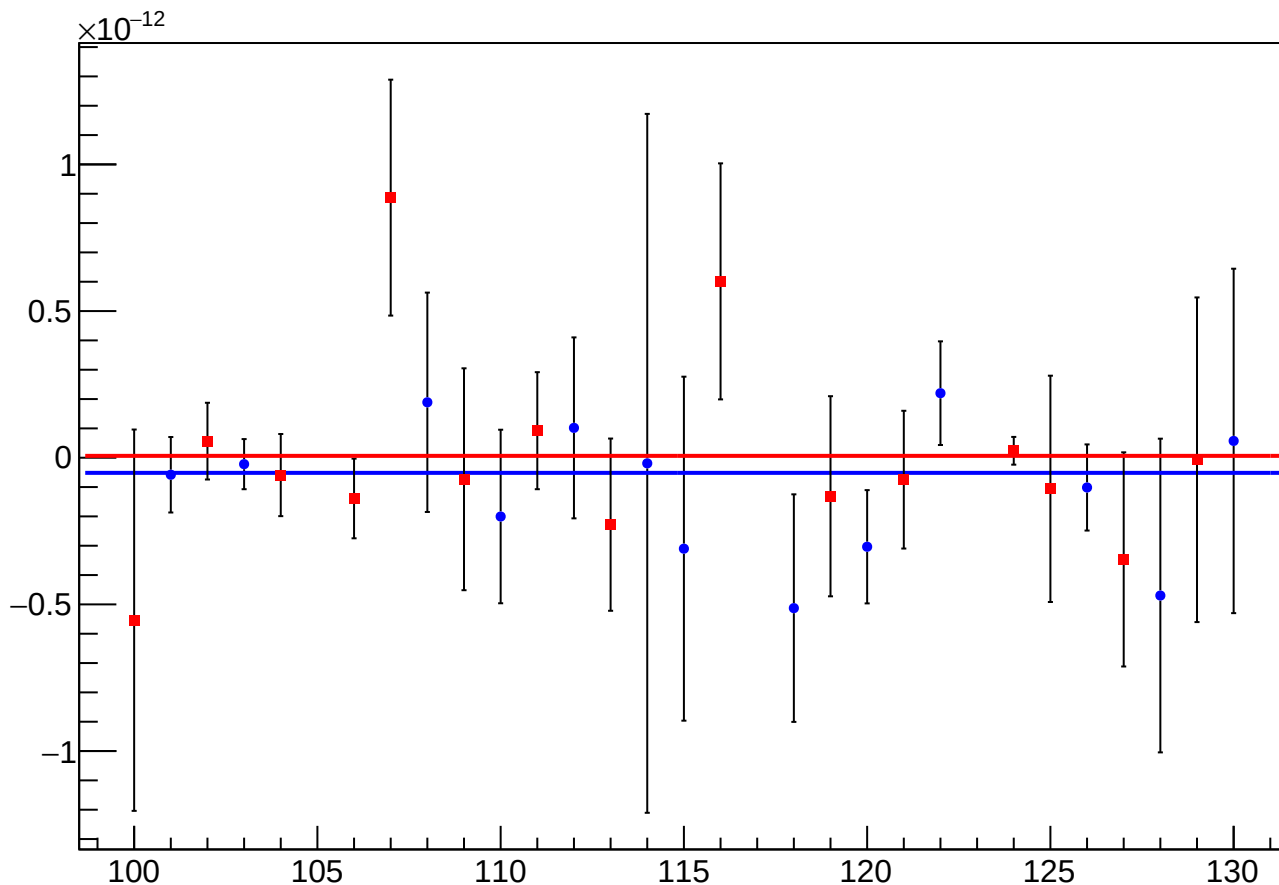
Right: 3316.393+/-0.711 χ^2/NDF : 725917.6/27

In: 3389.083+/-1.044 χ^2/NDF : 462248.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3316.393+/-0.711 χ^2/NDF : 725917.6/27

asym_atr1l2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 7.5/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 11.5/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

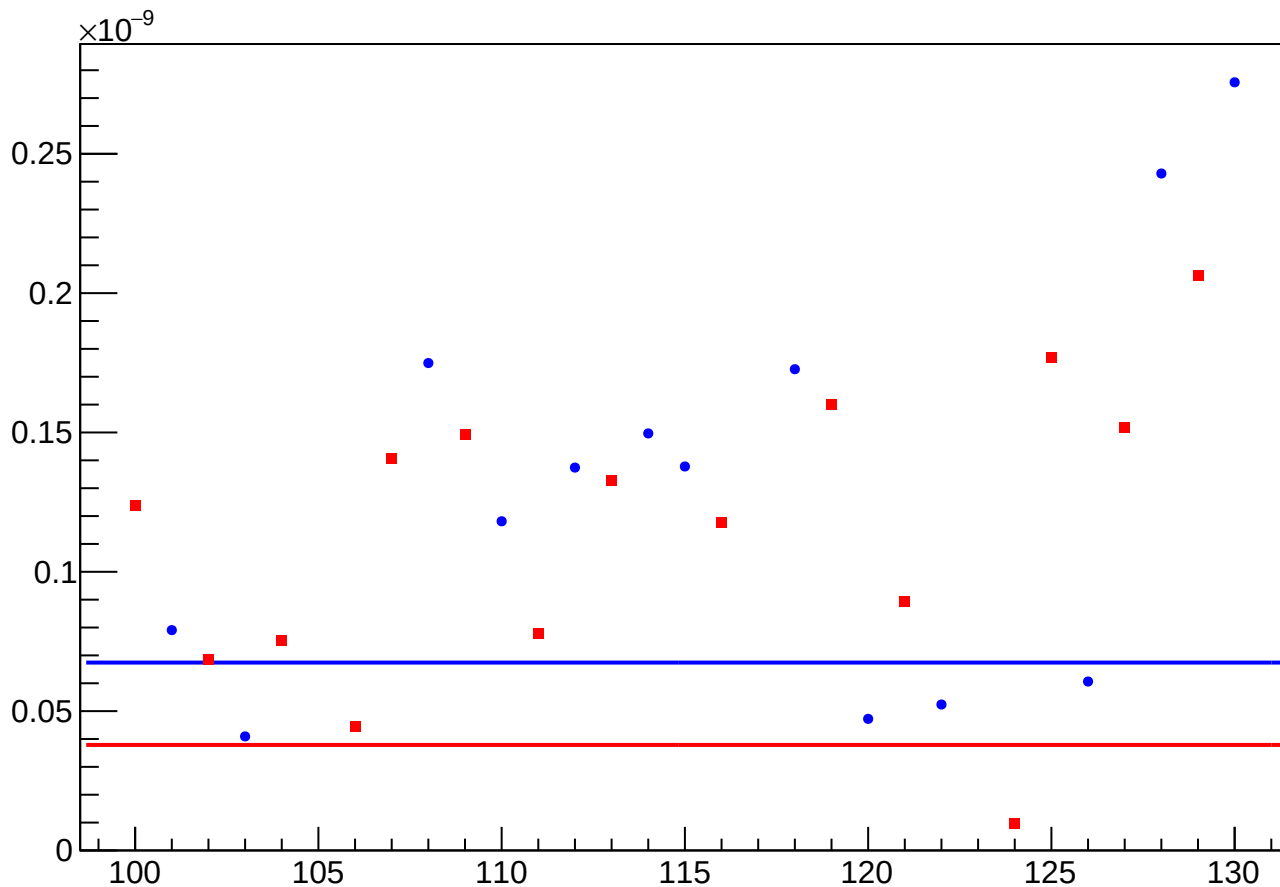
Right: -0.000+/-0.000 χ^2 /NDF: 19.8/27

In: -0.000+/-0.000 χ^2 /NDF:7.5/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 19.8/27

asym_atr1l2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000

χ^2/NDF : 1228962.1/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000

χ^2/NDF : 2672538.5/14

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.000+/-0.000

χ^2/NDF : 4310308.0/27

In: 0.000+/-0.000

χ^2/NDF : 1228962.1/12

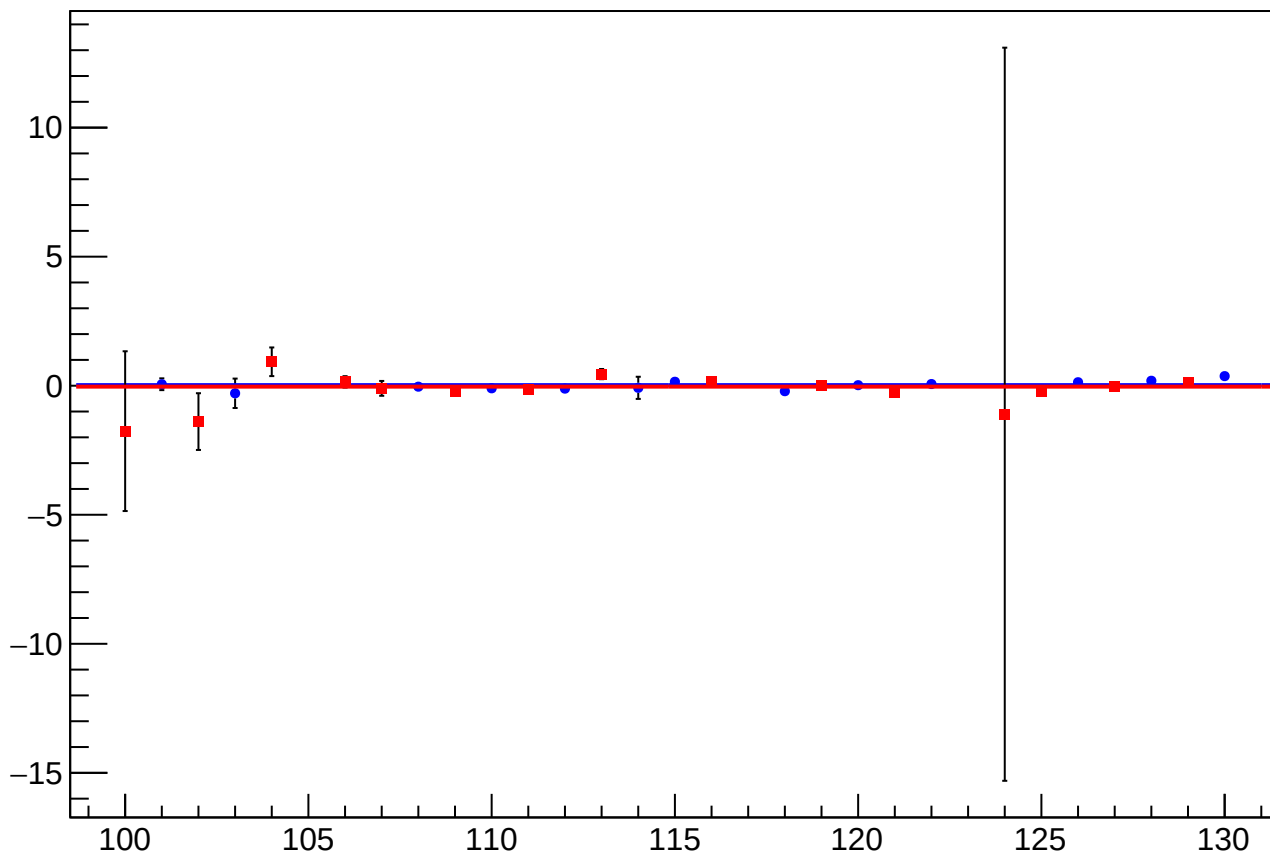
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.000+/-0.000

χ^2/NDF : 4310308.0/27

asym_atr1l2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.051 χ^2/NDF : 10.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.035+/-0.049 χ^2/NDF : 20.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

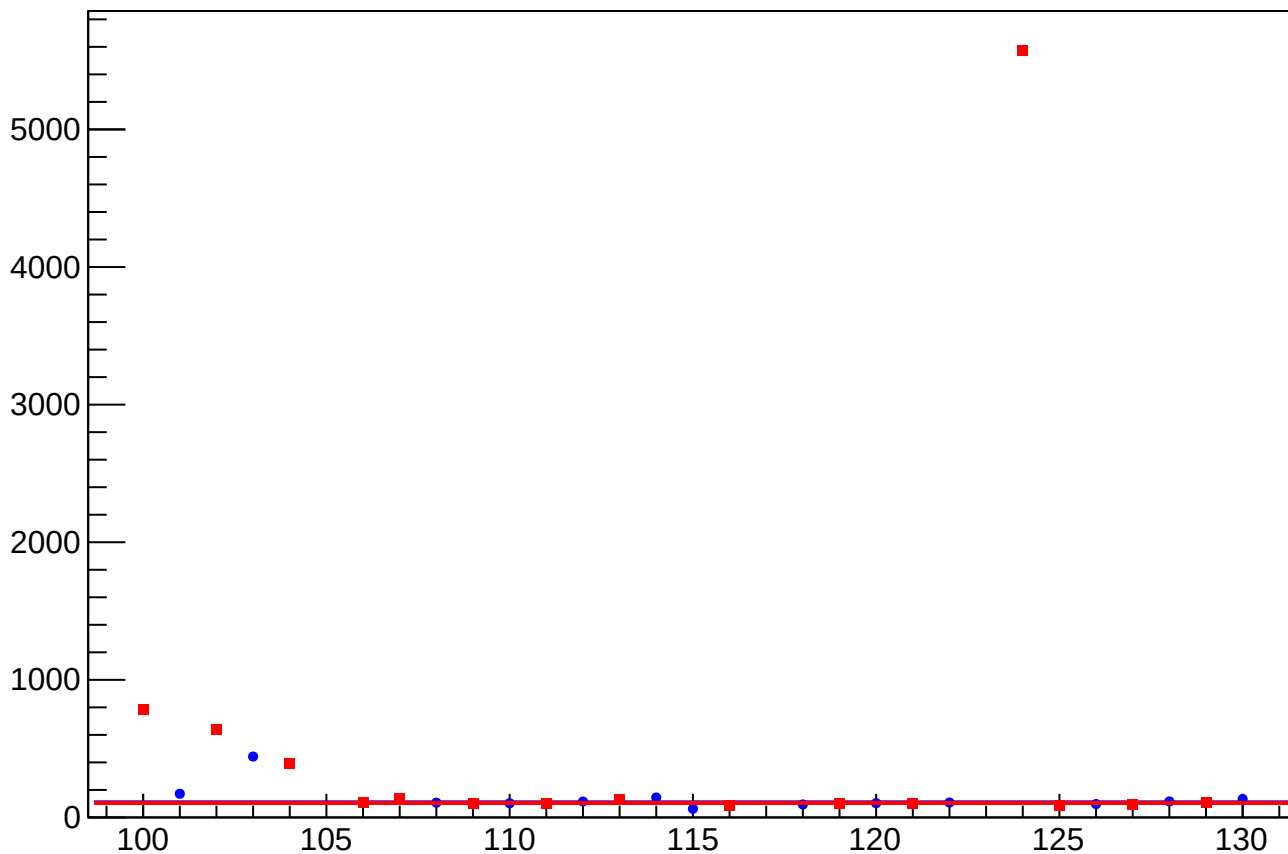
Right: -0.007+/-0.035 χ^2/NDF : 31.1/27

In: 0.022+/-0.051 χ^2/NDF : 10.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.035 χ^2/NDF : 31.1/27

asym_atr1l2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 109.843+/-0.036 χ^2/NDF : 1068352.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 105.281+/-0.035 χ^2/NDF : 1553536.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

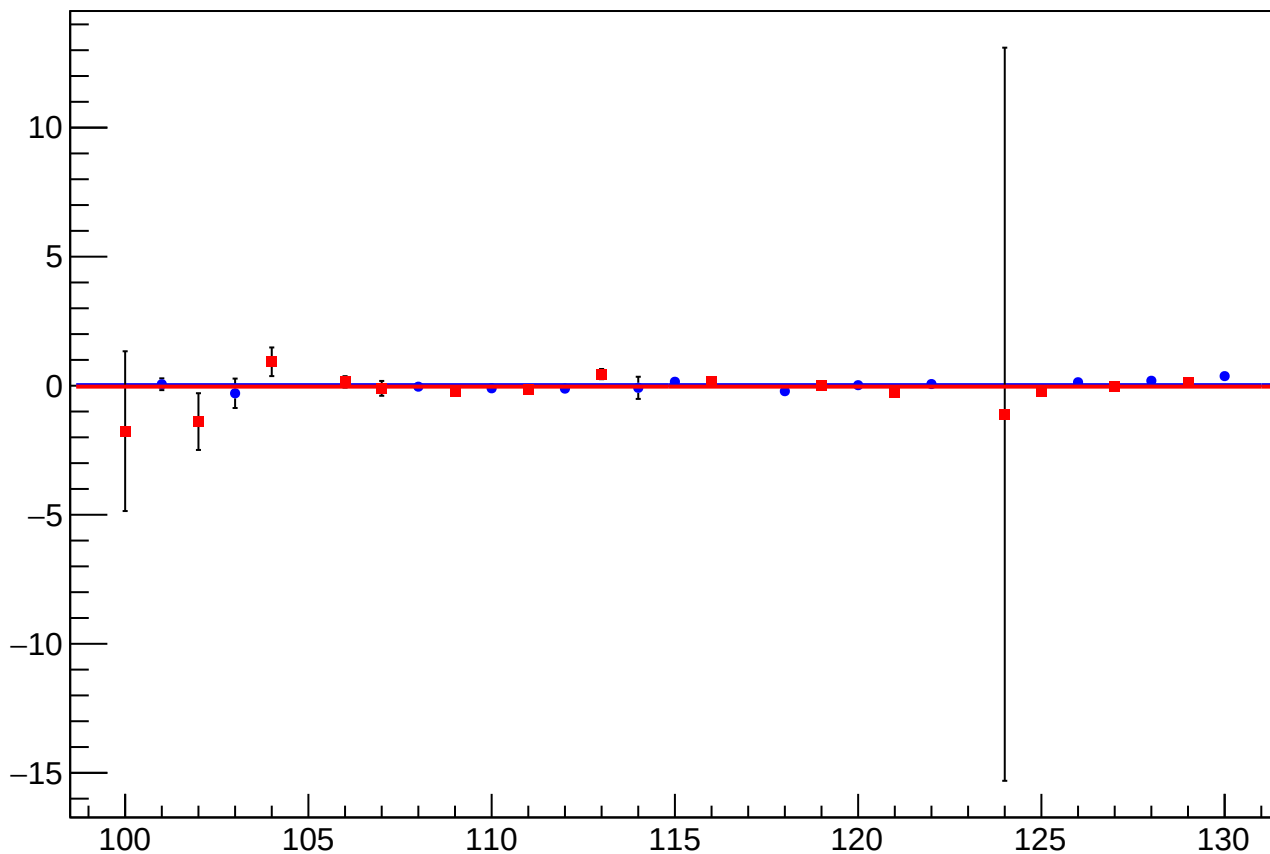
Right: 107.495+/-0.025 χ^2/NDF : 2630231.8/27

In: 109.843+/-0.036 χ^2/NDF : 1068352.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.495+/-0.025 χ^2/NDF : 2630231.8/27

asym_atr1l2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.051 χ^2/NDF : 10.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.035+/-0.049 χ^2/NDF : 20.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

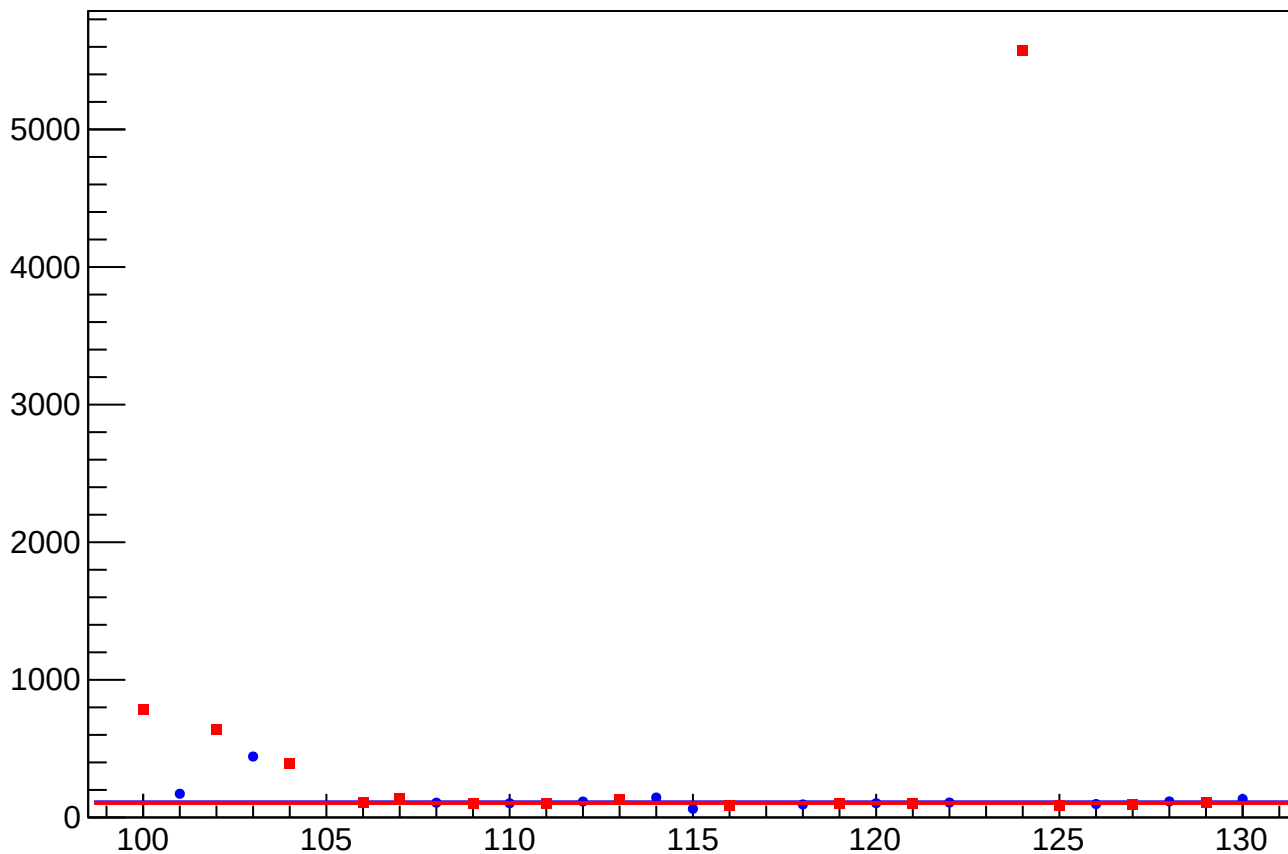
Right: -0.007+/-0.035 χ^2/NDF : 31.1/27

In: 0.022+/-0.051 χ^2/NDF : 10.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.035 χ^2/NDF : 31.1/27

asym_atr1l2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 109.843+/-0.036 χ^2/NDF : 1068352.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 105.281+/-0.035 χ^2/NDF : 1553536.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

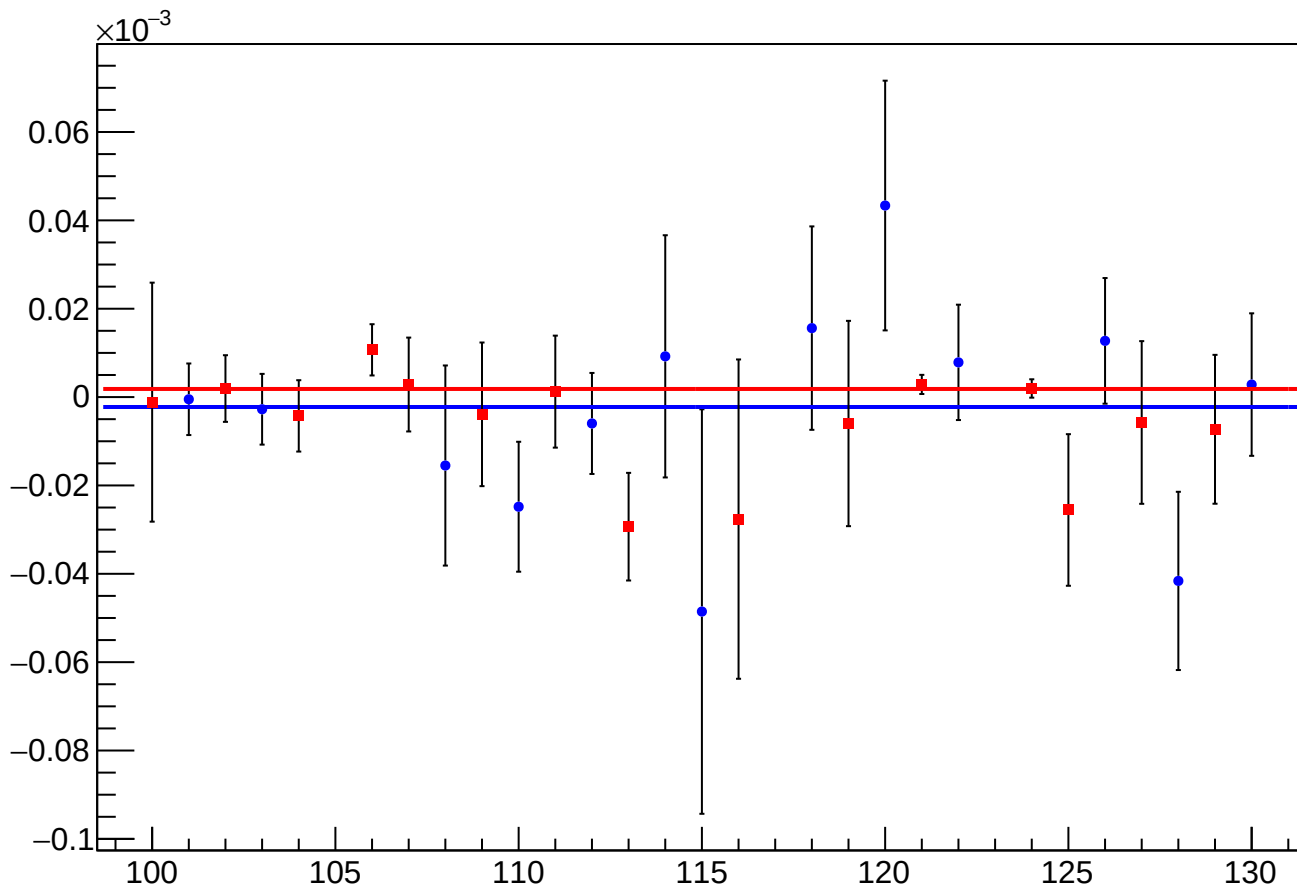
Right: 107.495+/-0.025 χ^2/NDF : 2630231.8/27

In: 109.843+/-0.036 χ^2/NDF : 1068352.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.495+/-0.025 χ^2/NDF : 2630231.8/27

asym_atr1l2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

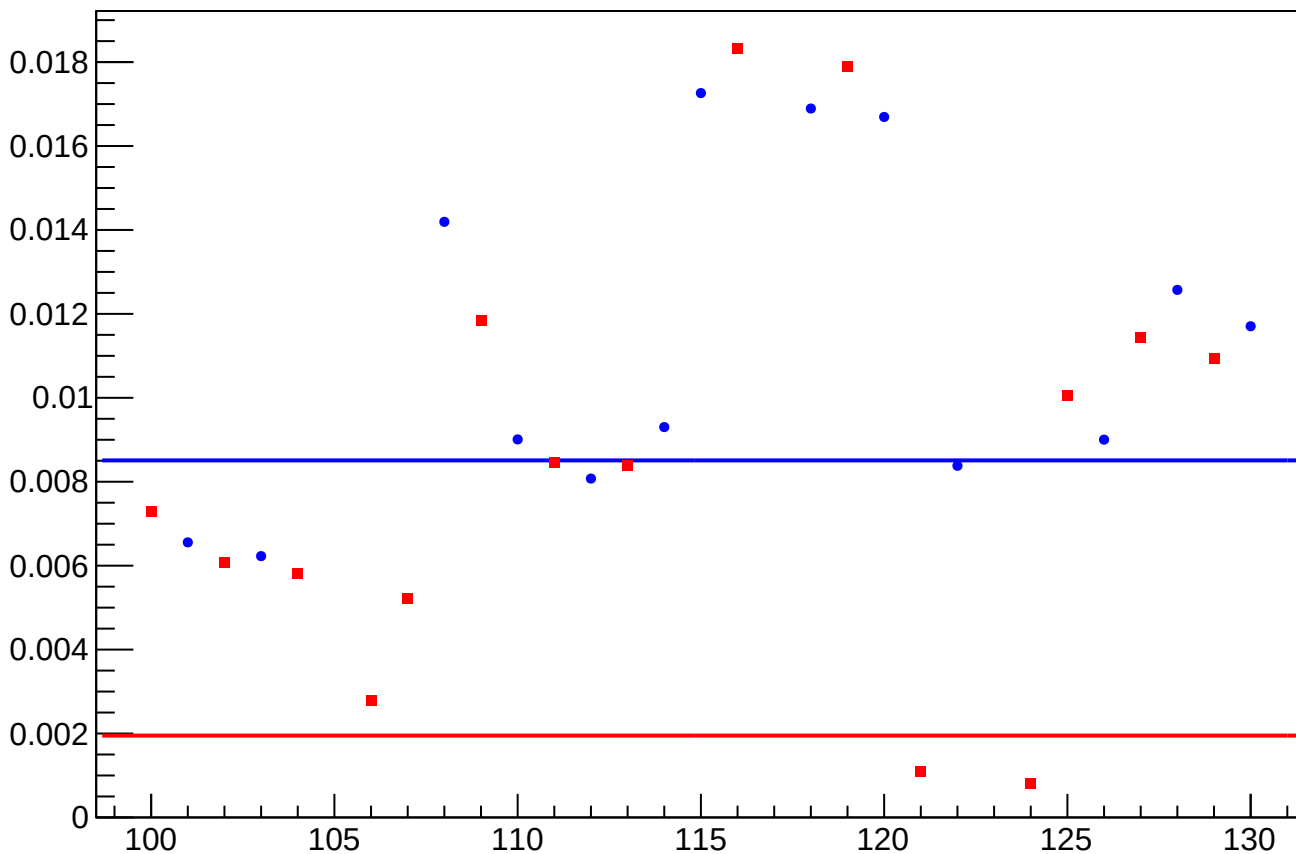
Right: 0.000+/-0.000 χ^2/NDF : 27.5/27

In: -0.000+/-0.000 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.5/27

asym_atr1l2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 1080011.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 6985340.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

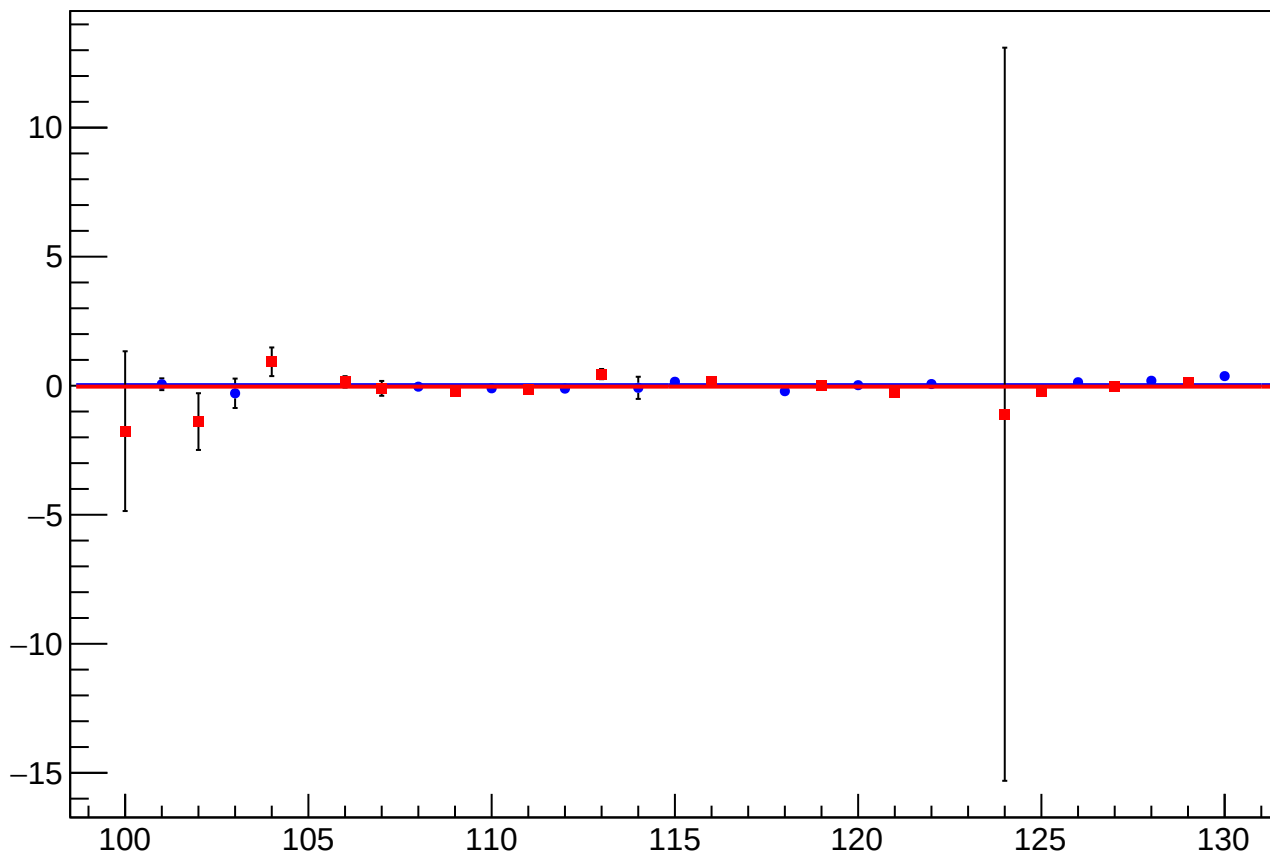
Right: 0.003+/-0.000 χ^2/NDF : 13206821.2/27

In: 0.009+/-0.000 χ^2/NDF :1080011.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 13206821.2/27

asym_atr1l2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.051 χ^2/NDF : 10.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.035+/-0.049 χ^2/NDF : 20.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

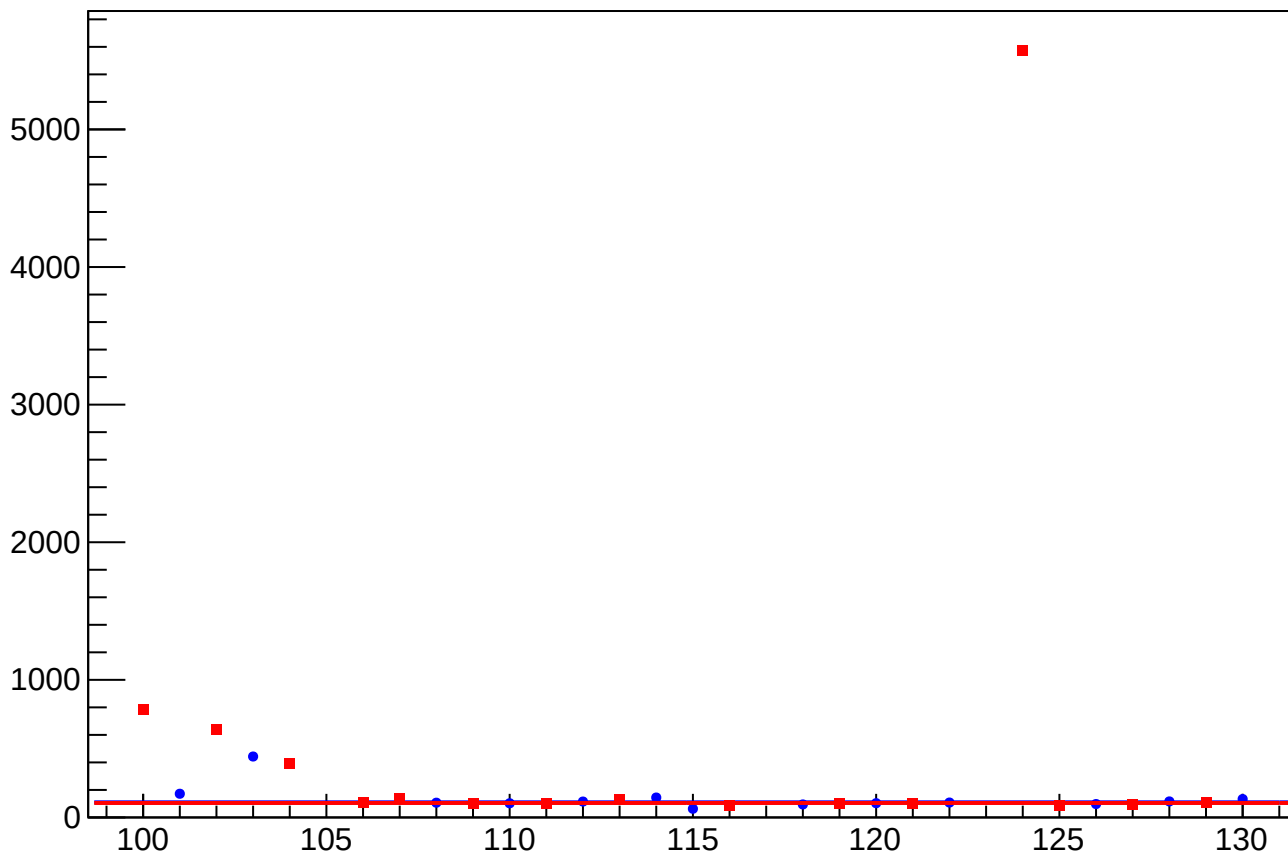
Right: -0.007+/-0.035 χ^2/NDF : 31.1/27

In: 0.022+/-0.051 χ^2/NDF : 10.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.035 χ^2/NDF : 31.1/27

asym_atr1l2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 109.844 ± 0.036 χ^2/NDF : 1068308.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 105.283 ± 0.035 χ^2/NDF : 1553487.8/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

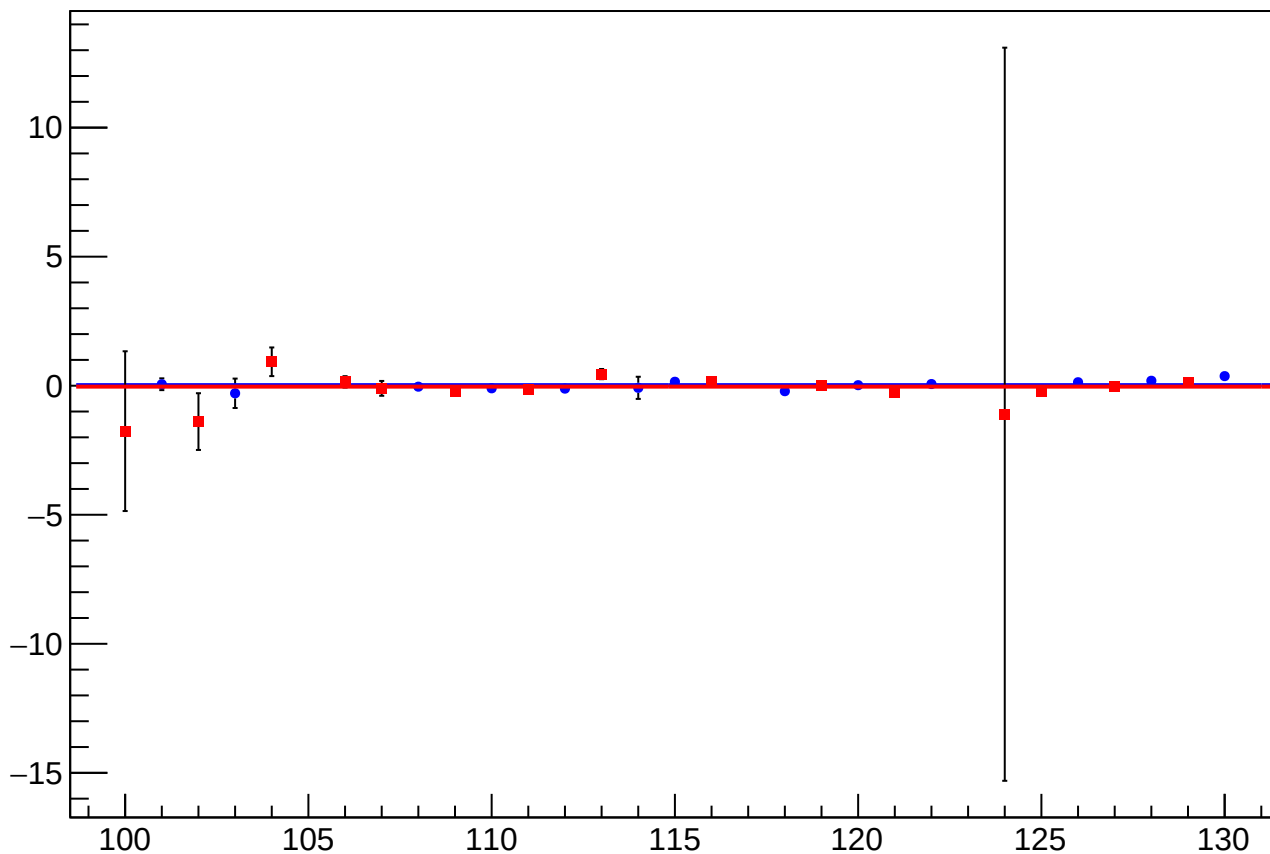
Right: 107.495 ± 0.025 χ^2/NDF : 2630132.9/27

In: 109.844 ± 0.036 χ^2/NDF : 1068308.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 107.495 ± 0.025 χ^2/NDF : 2630132.9/27

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.051 χ^2/NDF : 10.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.035+/-0.049 χ^2/NDF : 20.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

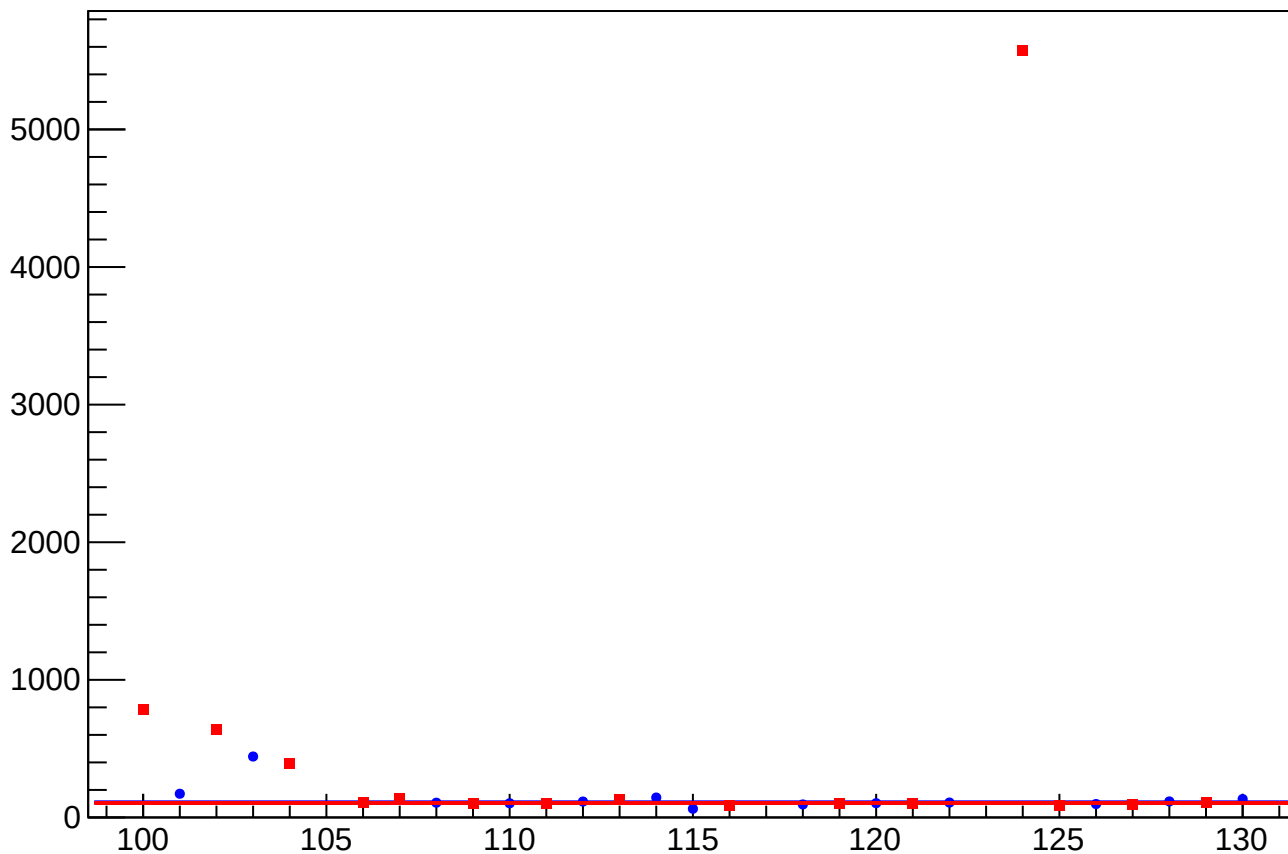
Right: -0.007+/-0.035 χ^2/NDF : 31.1/27

In: 0.022+/-0.051 χ^2/NDF : 10.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.035 χ^2/NDF : 31.1/27

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 109.844 $\pm$ 0.036 χ^2 /NDF: 1068308.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 105.283 $\pm$ 0.035 χ^2 /NDF: 1553487.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

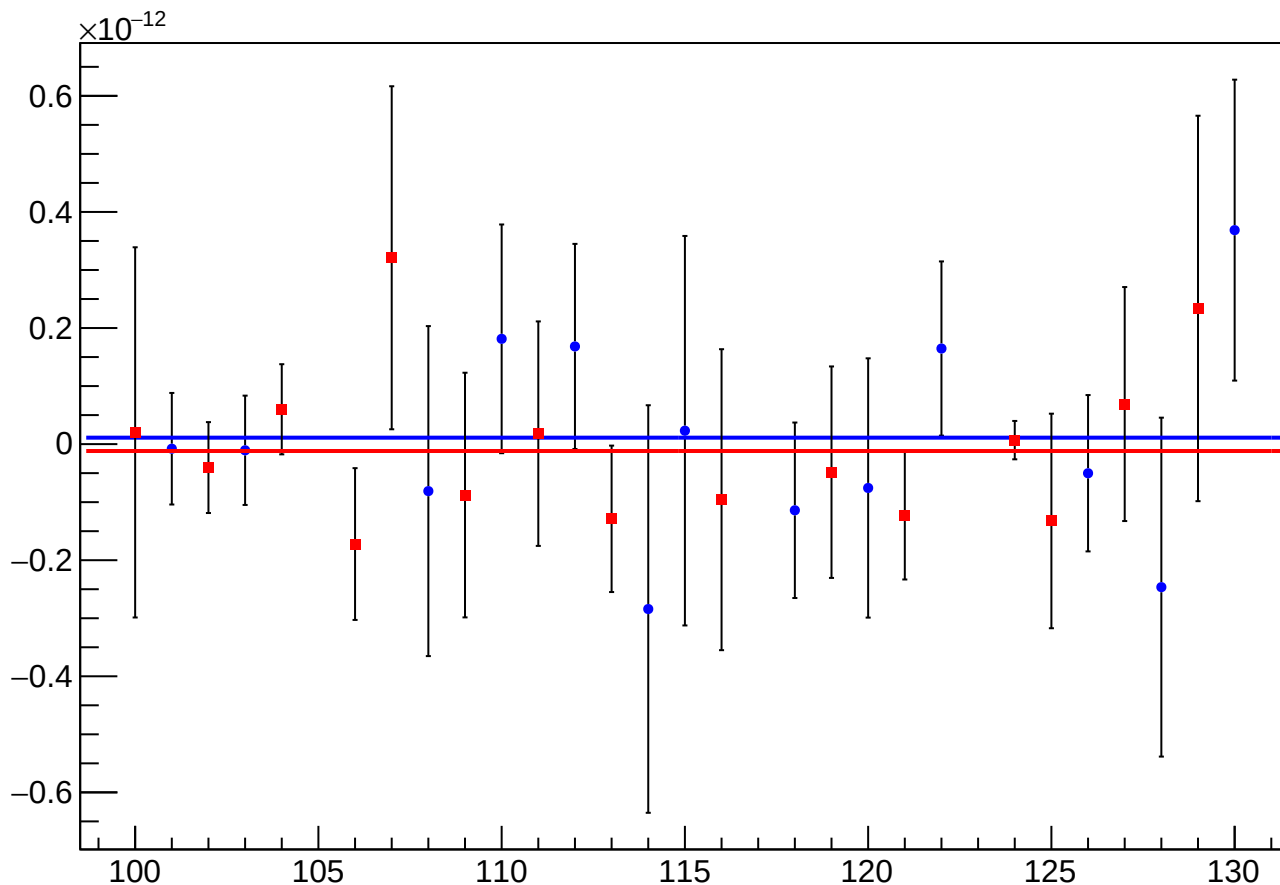
Right: 107.495 $\pm$ 0.025 χ^2 /NDF: 2630132.9/27

In: 109.844 $\pm$ 0.036 χ^2 /NDF:1068308.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 107.495 $\pm$ 0.025 χ^2 /NDF: 2630132.9/27

asym_atr1l2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

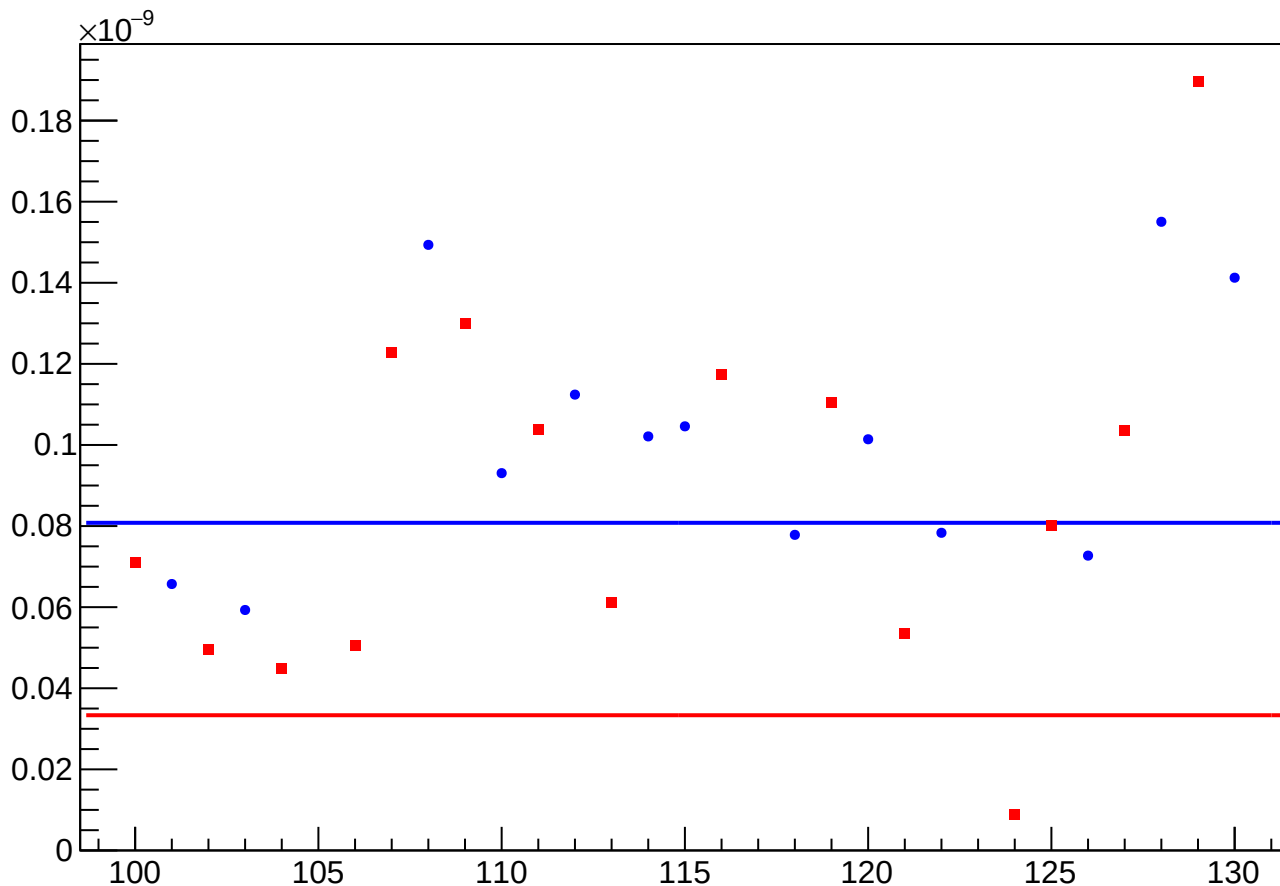
Right: -0.000+/-0.000 χ^2/NDF : 14.8/27

In: 0.000+/-0.000 χ^2/NDF : 7.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.8/27

asym_atr1l2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 622661.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3714343.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

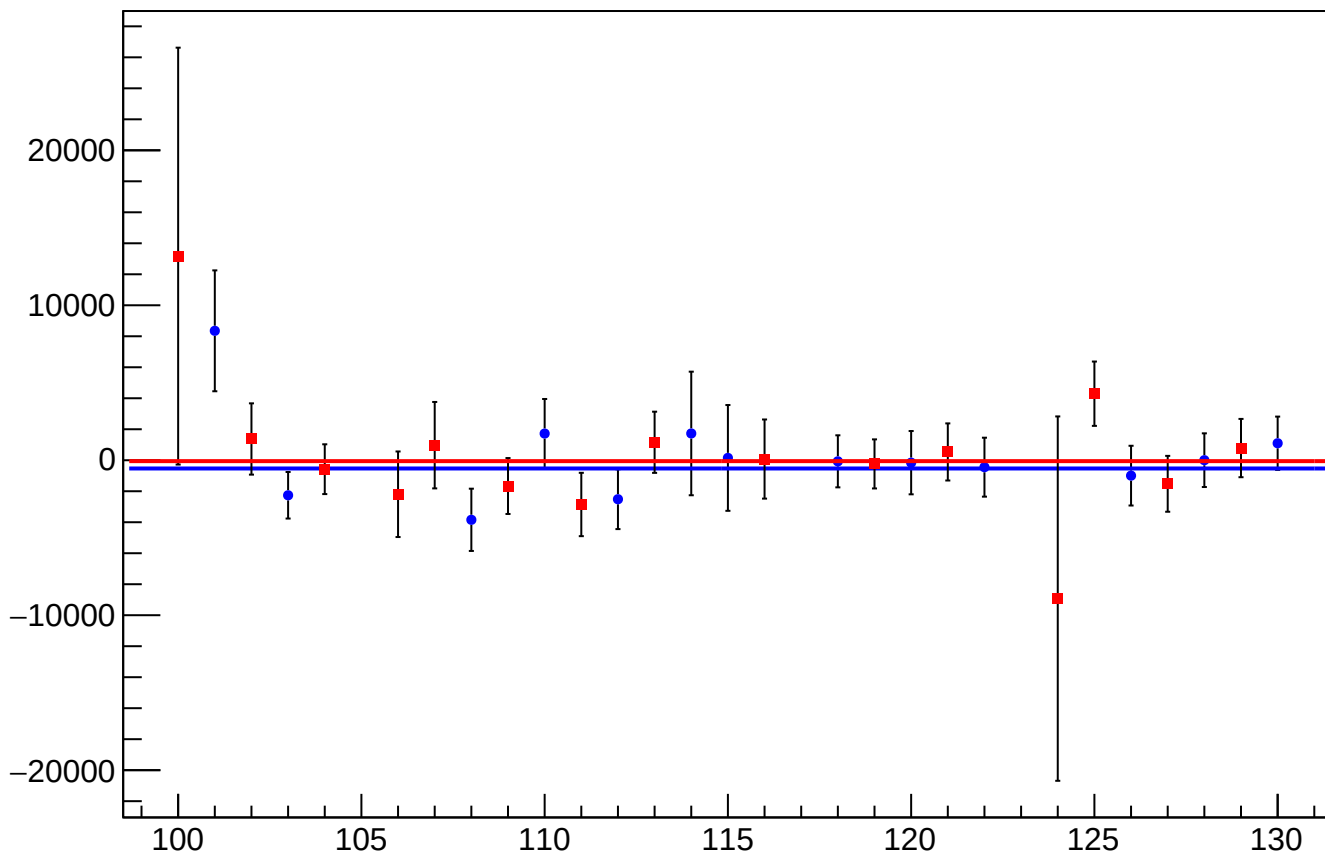
Right: 0.000+/-0.000 χ^2/NDF : 6054709.1/27

In: 0.000+/-0.000 χ^2/NDF : 622661.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6054709.1/27

reg_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -531.995+/-560.180 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -57.238+/-548.706 χ^2/NDF : 11.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

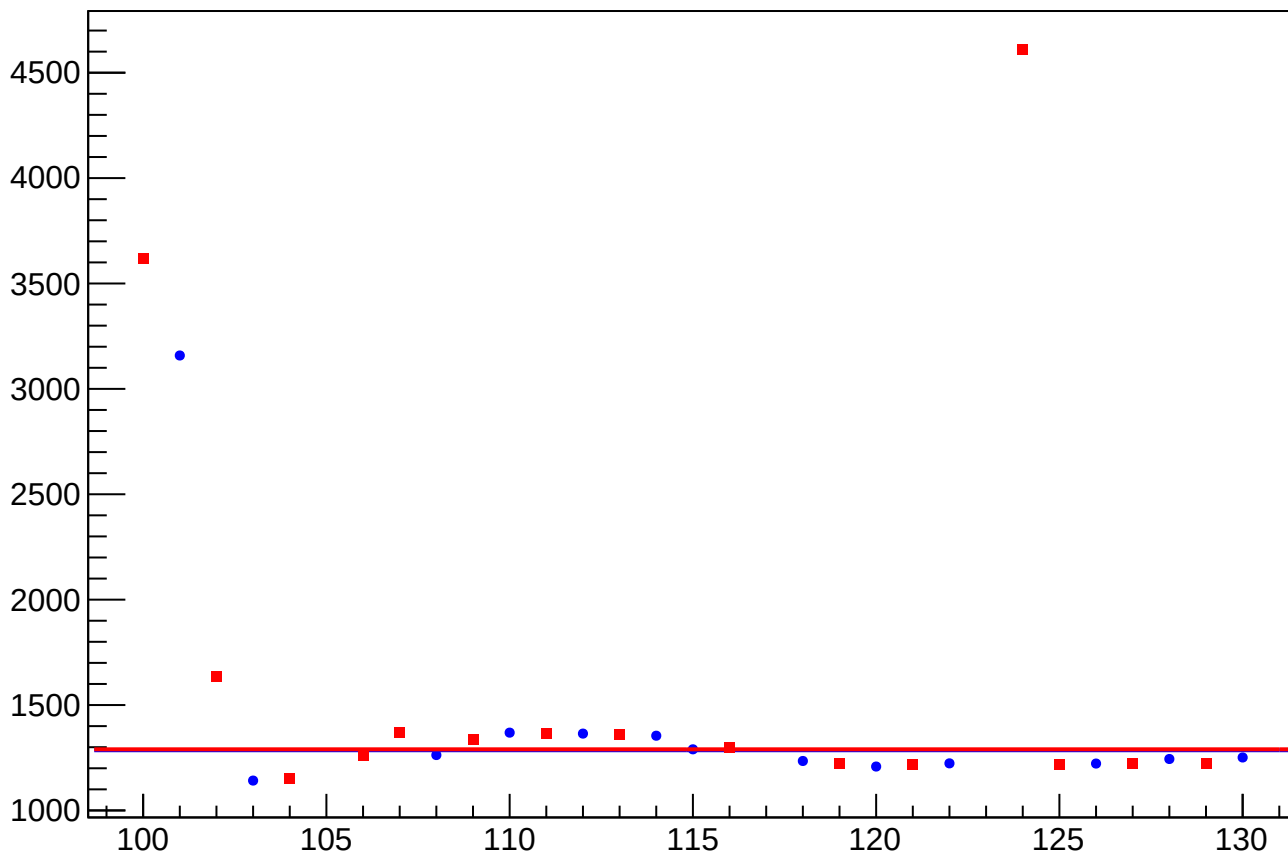
Right: -289.705+/-391.988 χ^2/NDF : 24.4/27

In: -531.995+/-560.180 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -289.705+/-391.988 χ^2/NDF : 24.4/27

reg_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1285.613+/-0.396 χ^2/NDF : 497502.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1289.945+/-0.387 χ^2/NDF : 302497.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

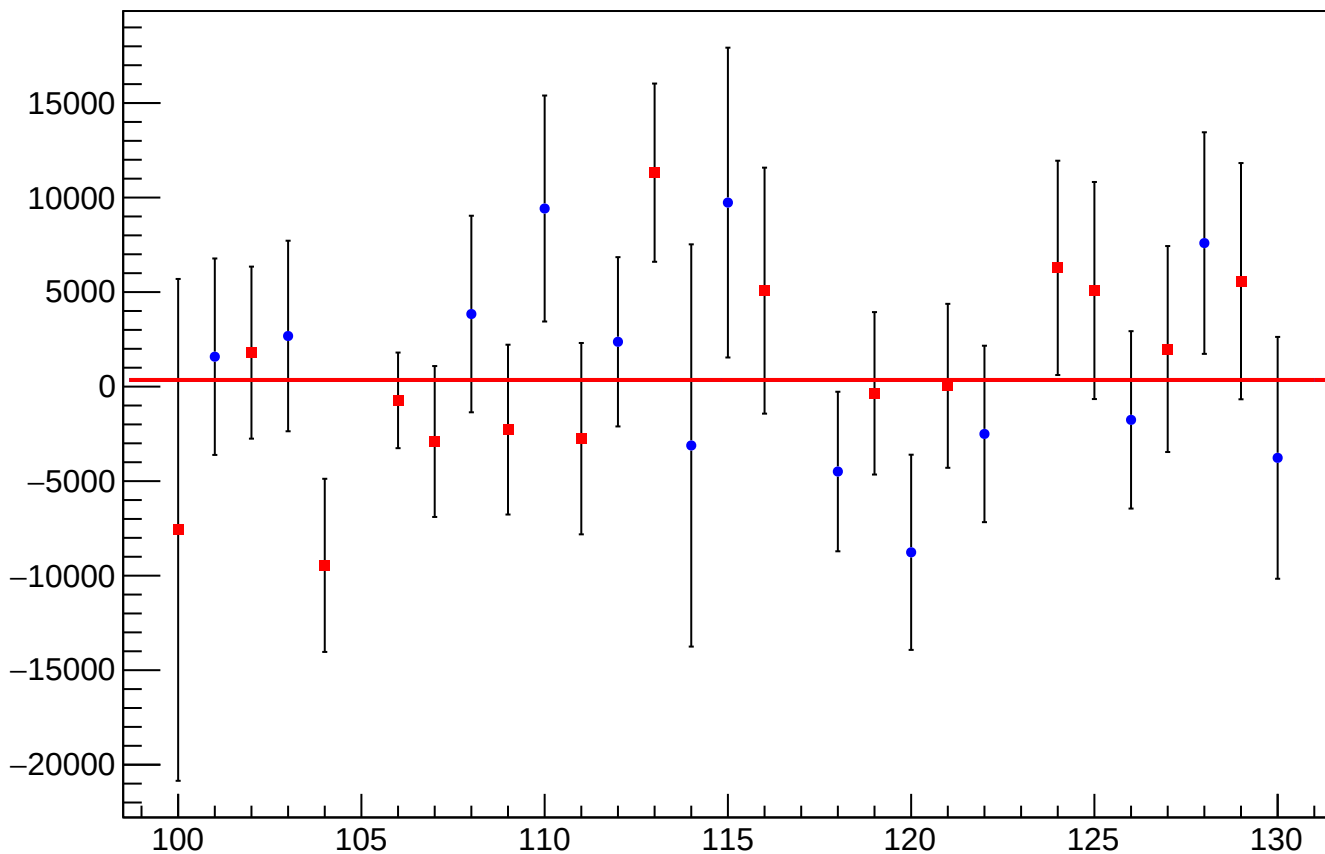
Right: 1287.831+/-0.277 χ^2/NDF : 800061.5/27

In: 1285.613+/-0.396 χ^2/NDF : 497502.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1287.831+/-0.277 χ^2/NDF : 800061.5/27

asym_atl_dd_atr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 349.586+/-1484.807 χ^2/NDF : 11.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 351.620+/-1190.006 χ^2/NDF : 15.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

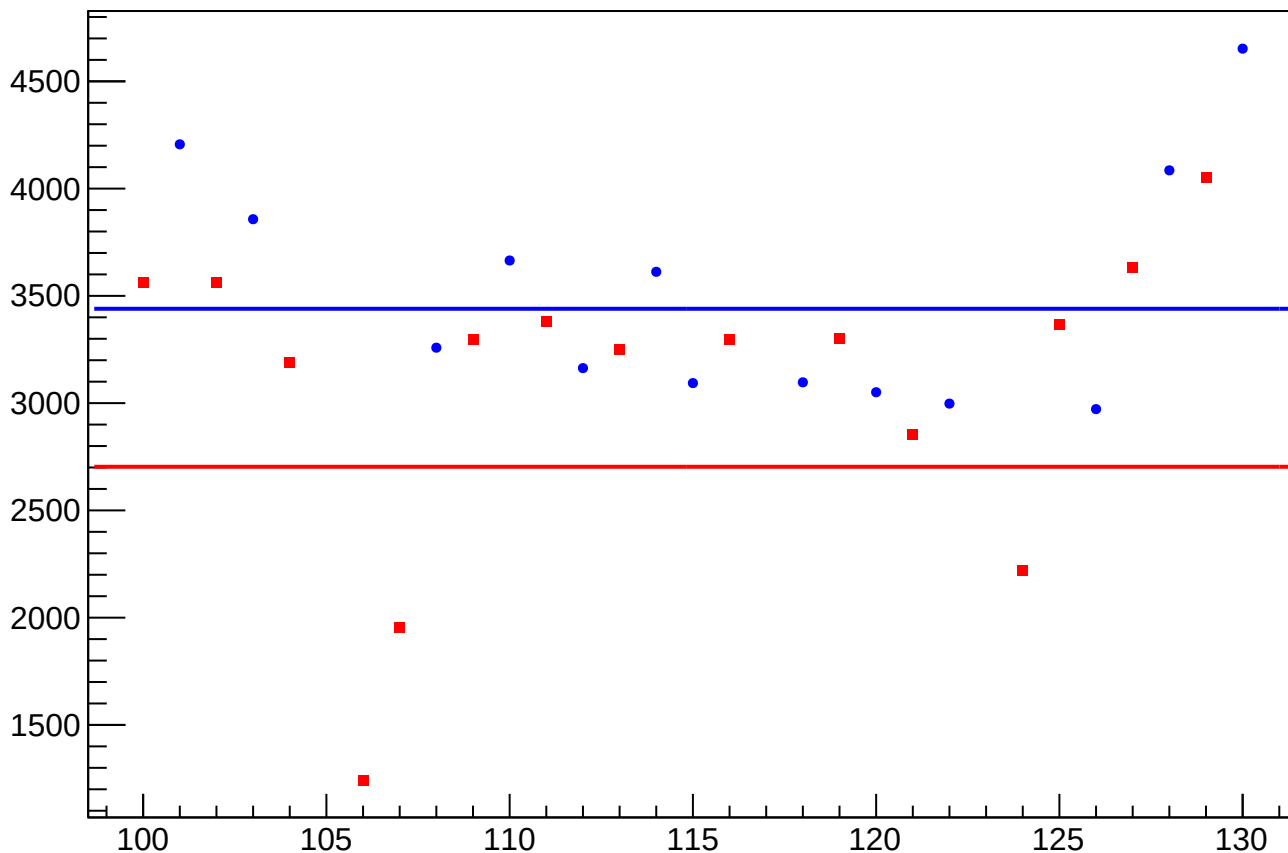
Right: 350.824+/-928.579 χ^2/NDF : 26.7/27

In: 349.586+/-1484.807 χ^2/NDF : 11.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 350.824+/-928.579 χ^2/NDF : 26.7/27

asym_atl_dd_atr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3439.858+/-1.050 χ^2/NDF : 232755.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2703.392+/-0.841 χ^2/NDF : 1189156.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

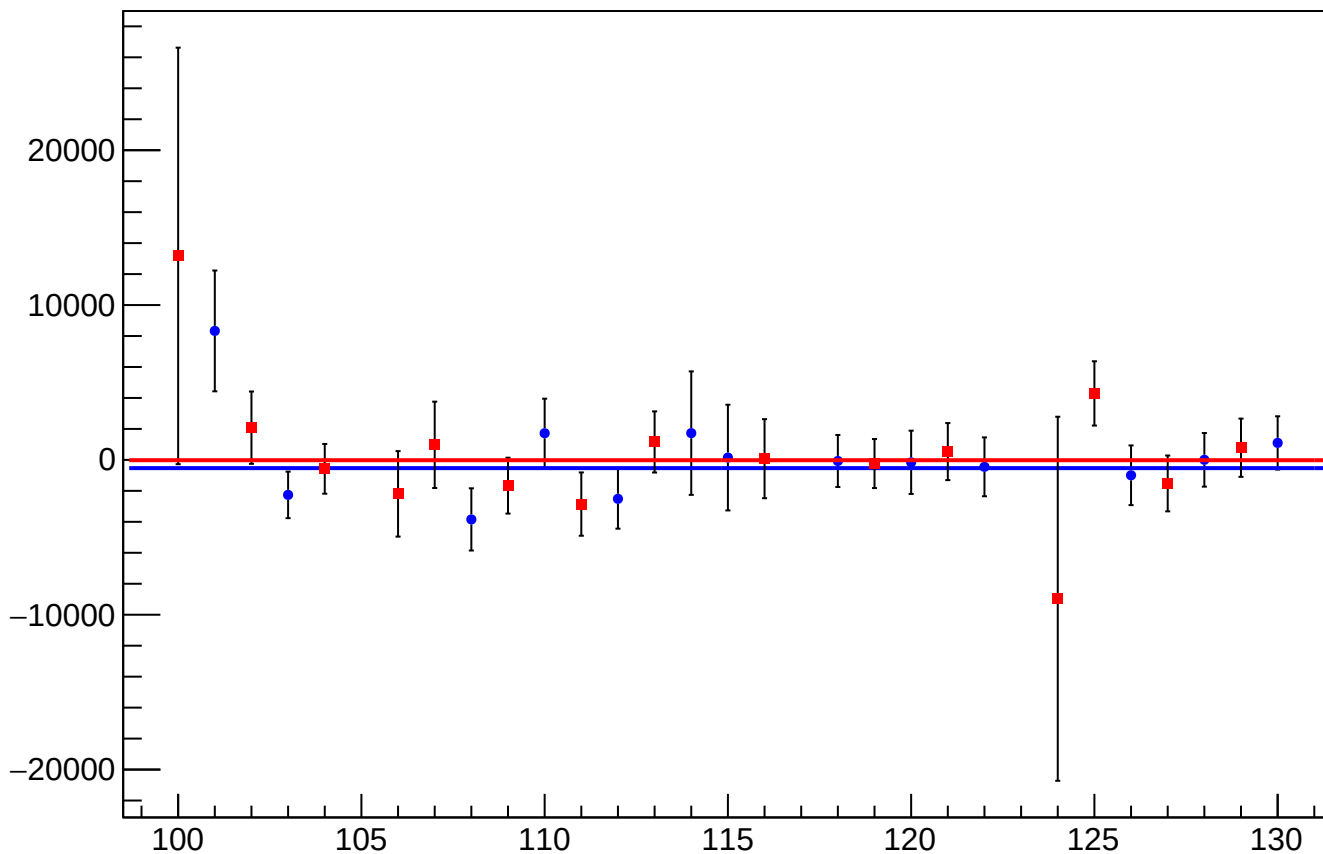
Right: 2991.430+/-0.657 χ^2/NDF : 1721507.3/27

In: 3439.858+/-1.050 χ^2/NDF : 232755.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2991.430+/-0.657 χ^2/NDF : 1721507.3/27

cor_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -532.482+/-560.180 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.515+/-549.167 χ^2/NDF : 11.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

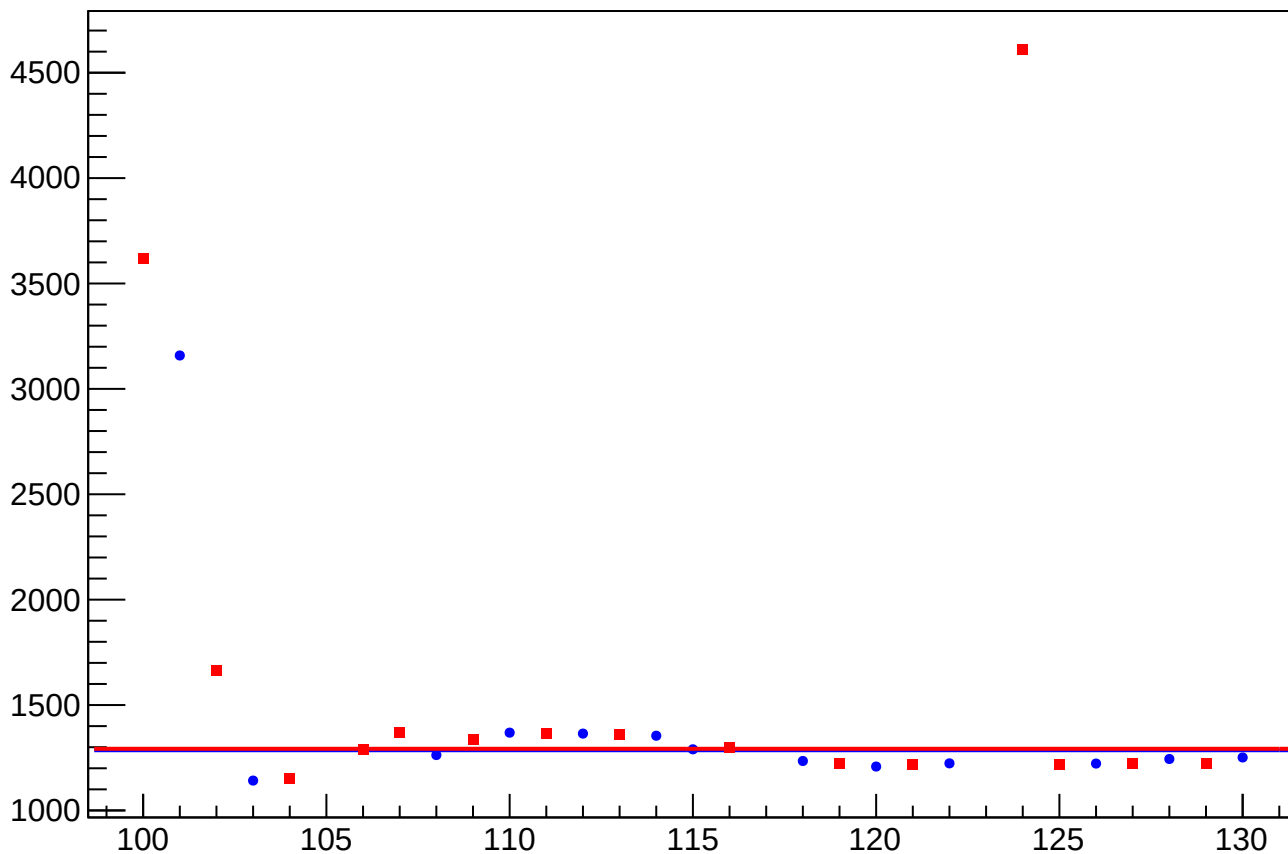
Right: -271.416+/-392.156 χ^2/NDF : 24.9/27

In: -532.482+/-560.180 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -271.416+/-392.156 χ^2/NDF : 24.9/27

cor_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1285.613+/-0.396 χ^2/NDF : 497504.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1292.479+/-0.387 χ^2/NDF : 309318.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

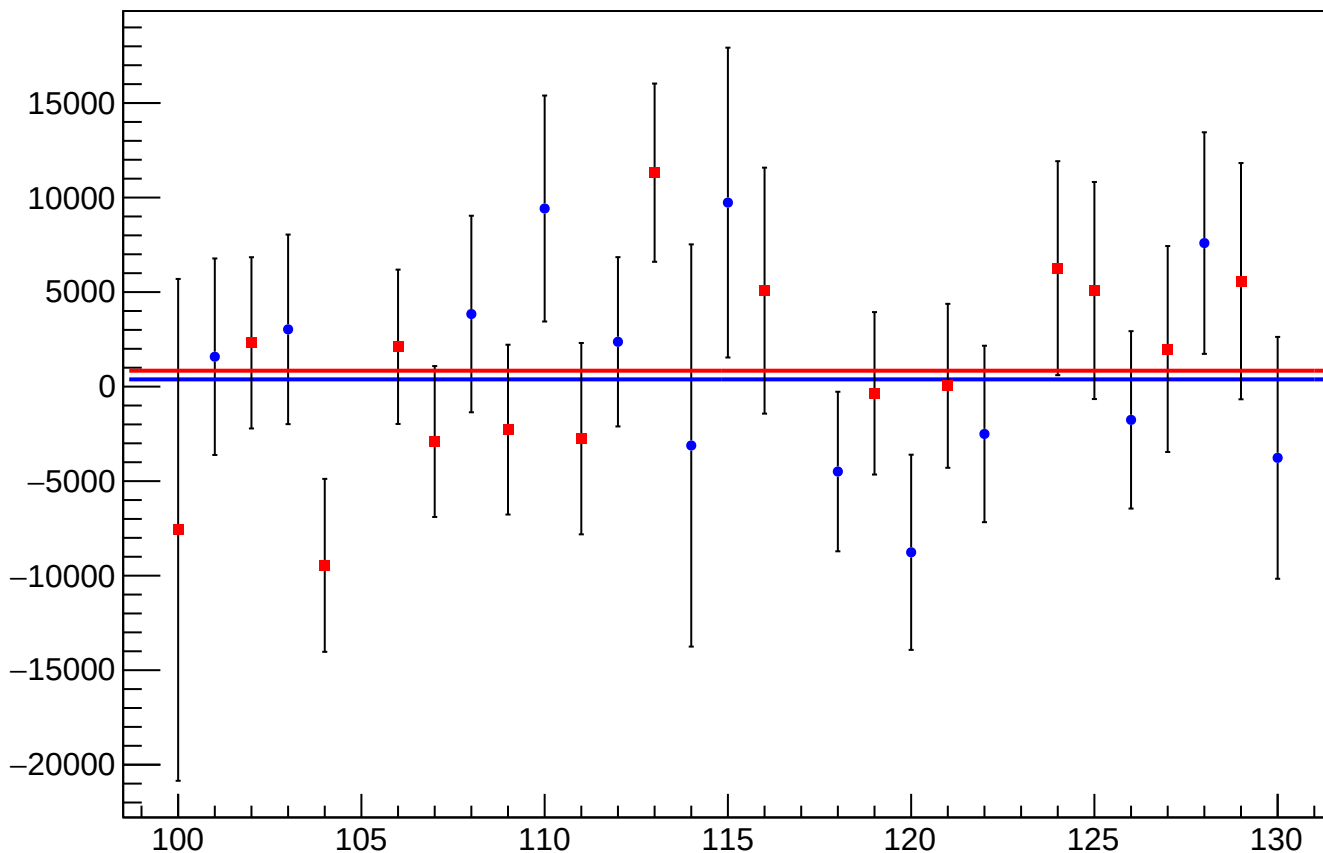
Right: 1289.122+/-0.277 χ^2/NDF : 806975.9/27

In: 1285.613+/-0.396 χ^2/NDF : 497504.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1289.122+/-0.277 χ^2/NDF : 806975.9/27

asym_atl_dd_atr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 382.266+/-1484.167 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 841.605+/-1279.903 χ^2/NDF : 15.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

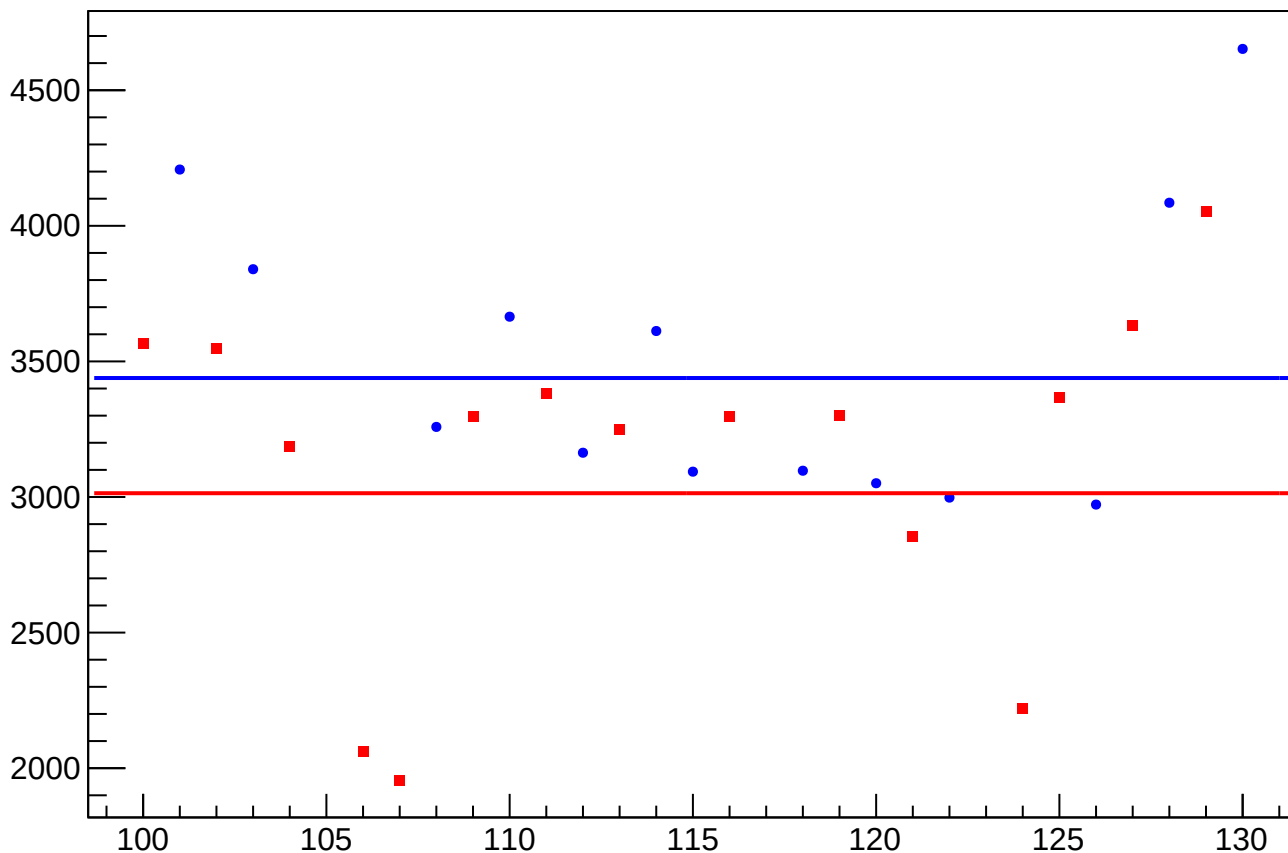
Right: 645.696+/-969.266 χ^2/NDF : 26.8/27

In: 382.266+/-1484.167 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 645.696+/-969.266 χ^2/NDF : 26.8/27

asym_atl_dd_atr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3438.769+/-1.049 χ^2/NDF : 231876.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3013.962+/-0.905 χ^2/NDF : 451006.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

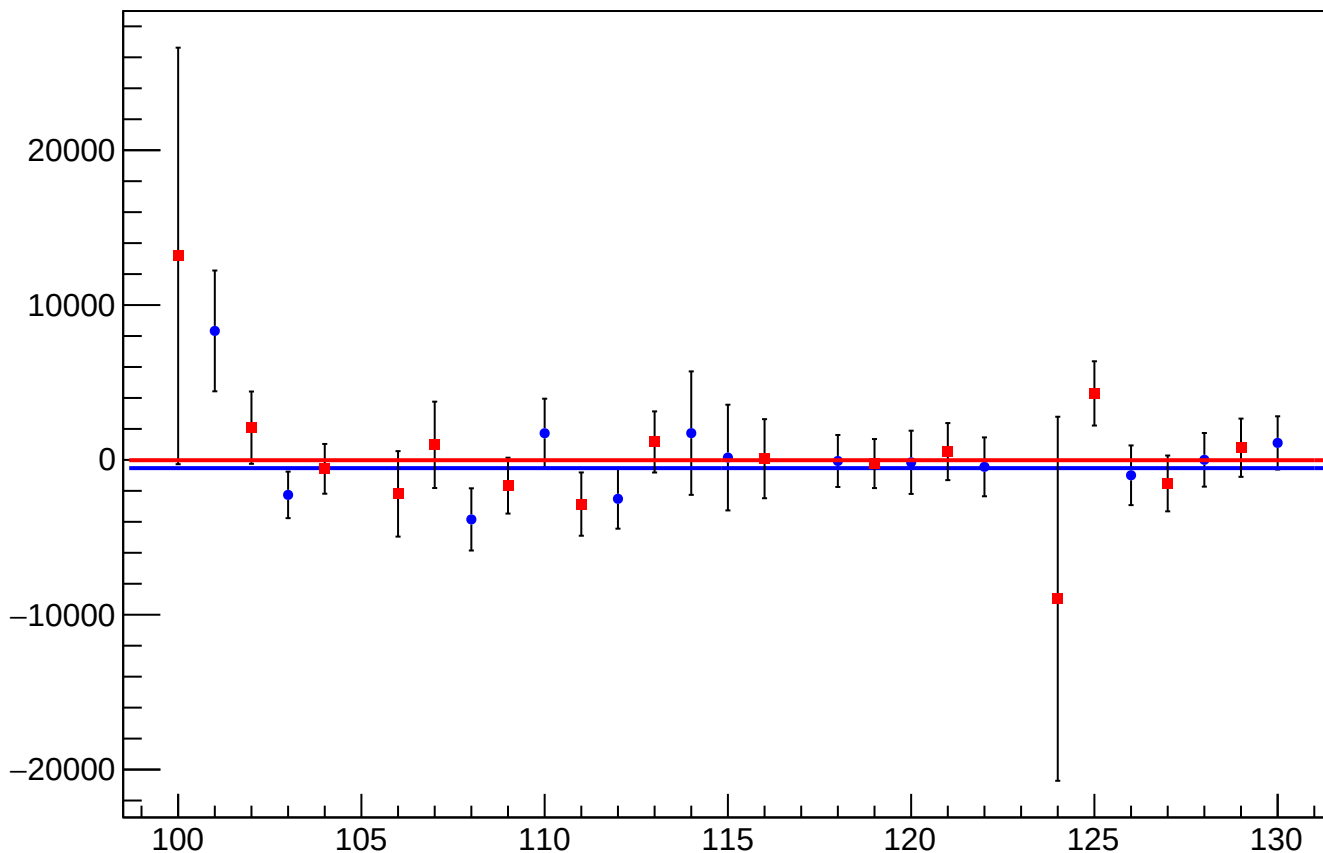
Right: 3195.143+/-0.685 χ^2/NDF : 776851.1/27

In: 3438.769+/-1.049 χ^2/NDF : 231876.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3195.143+/-0.685 χ^2/NDF : 776851.1/27

eigen_cor_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -532.482+/-560.180 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.515+/-549.167 χ^2/NDF : 11.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

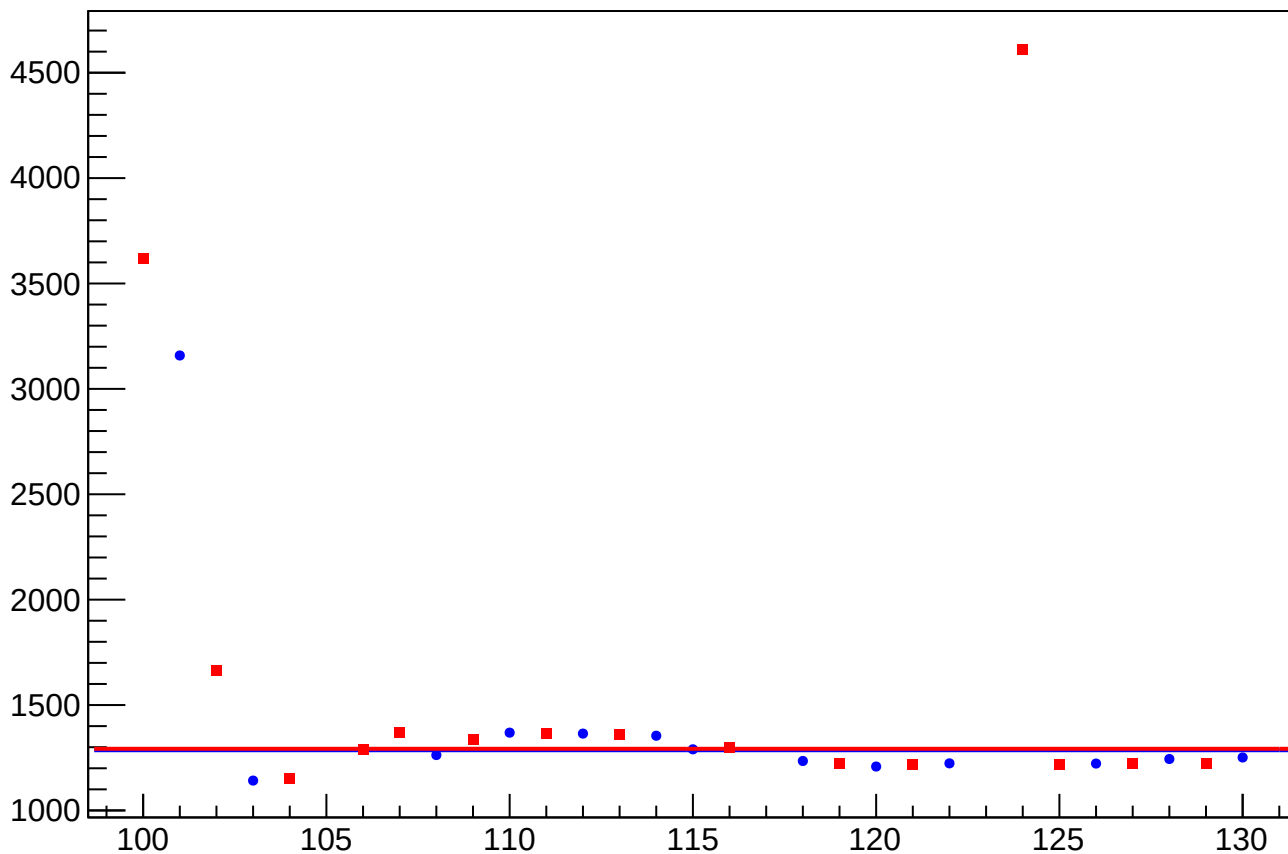
Right: -271.416+/-392.156 χ^2/NDF : 24.9/27

In: -532.482+/-560.180 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -271.416+/-392.156 χ^2/NDF : 24.9/27

eigen_cor_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1285.613+/-0.396 χ^2/NDF : 497504.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1292.479+/-0.387 χ^2/NDF : 309318.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

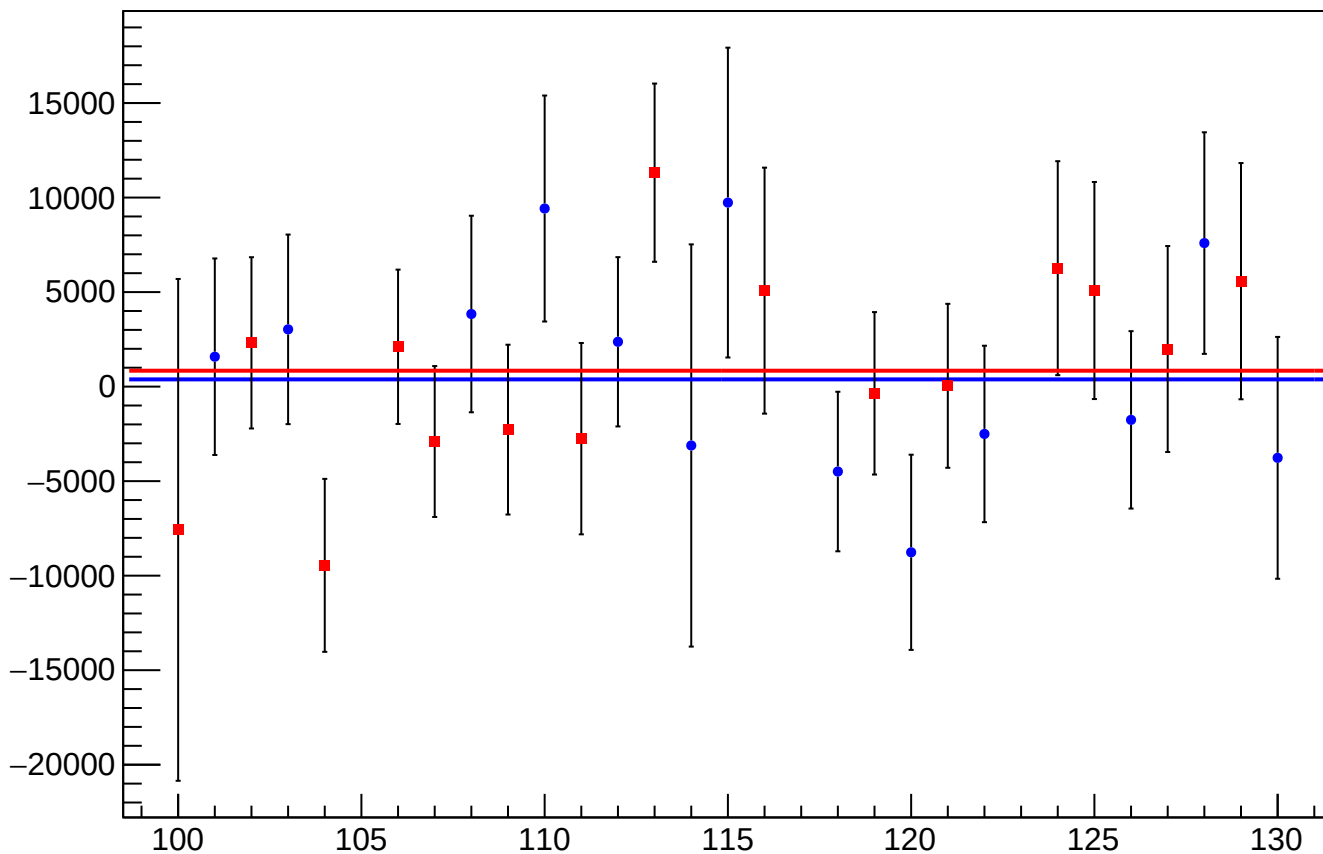
Right: 1289.122+/-0.277 χ^2/NDF : 806975.9/27

In: 1285.613+/-0.396 χ^2/NDF : 497504.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1289.122+/-0.277 χ^2/NDF : 806975.9/27

asym_atl_dd_atr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 382.266+/-1484.167 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 841.605+/-1279.903 χ^2/NDF : 15.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

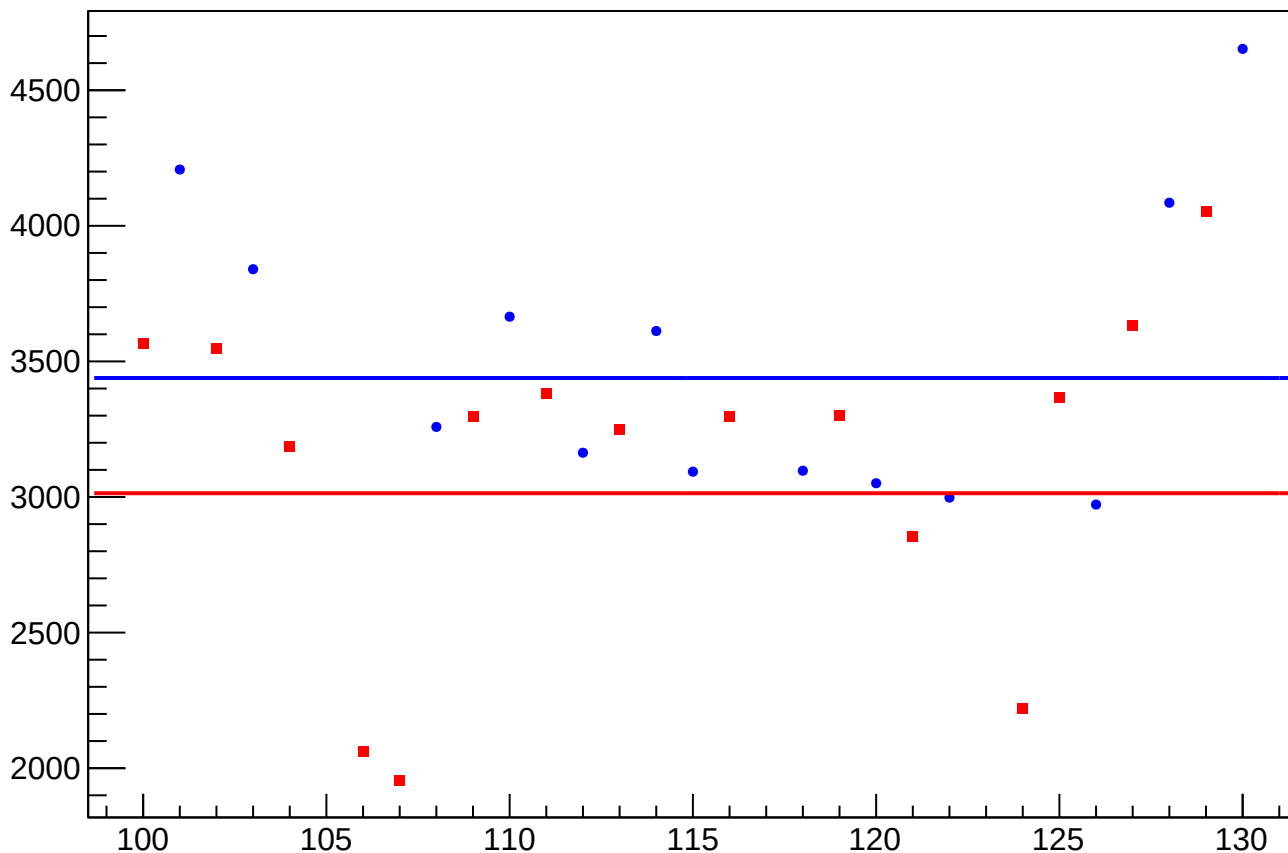
Right: 645.696+/-969.266 χ^2/NDF : 26.8/27

In: 382.266+/-1484.167 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 645.696+/-969.266 χ^2/NDF : 26.8/27

asym_atl_dd_atr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3438.769+/-1.049 χ^2/NDF : 231876.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3013.962+/-0.905 χ^2/NDF : 451006.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

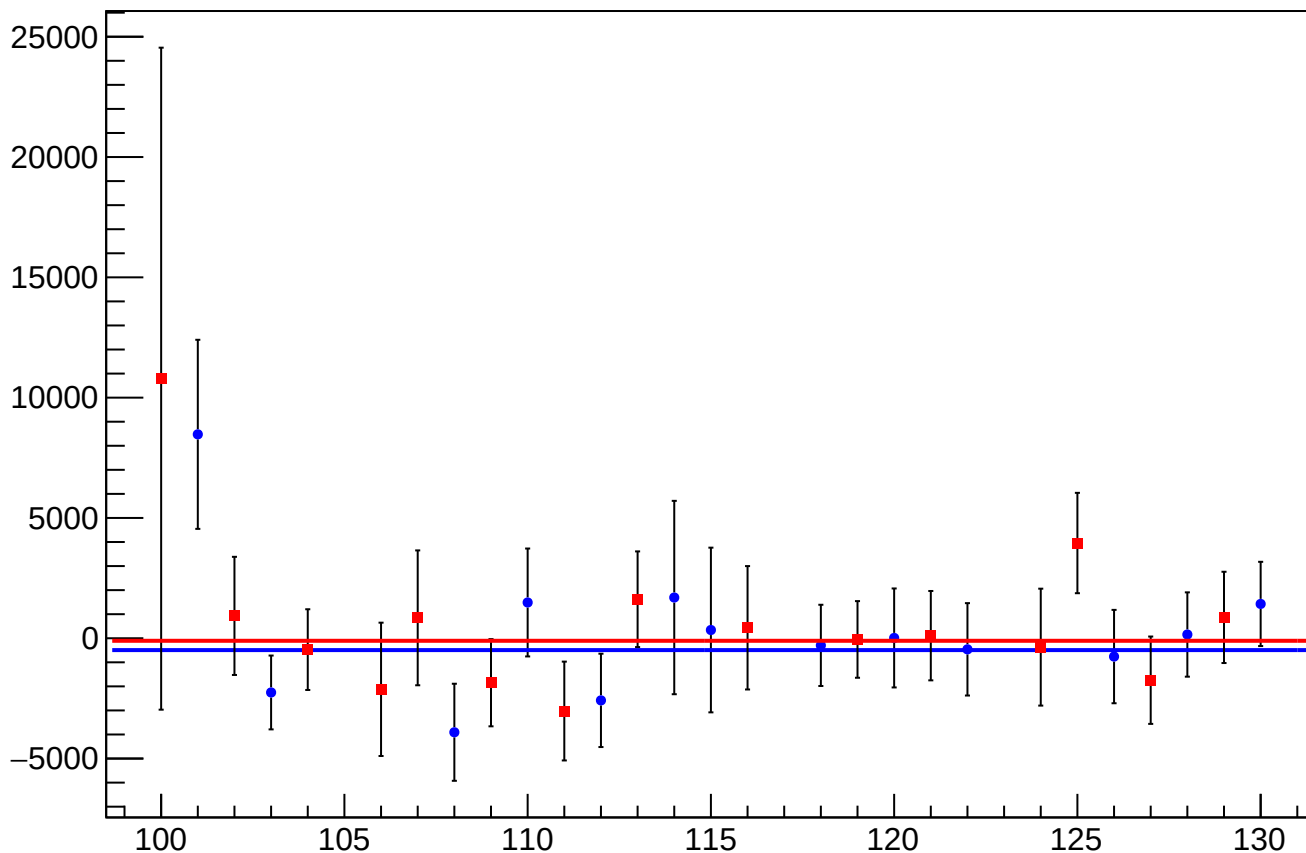
Right: 3195.143+/-0.685 χ^2/NDF : 776851.1/27

In: 3438.769+/-1.049 χ^2/NDF : 231876.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3195.143+/-0.685 χ^2/NDF : 776851.1/27

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -492.281+/-565.819 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -105.452+/-542.663 χ^2/NDF : 10.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

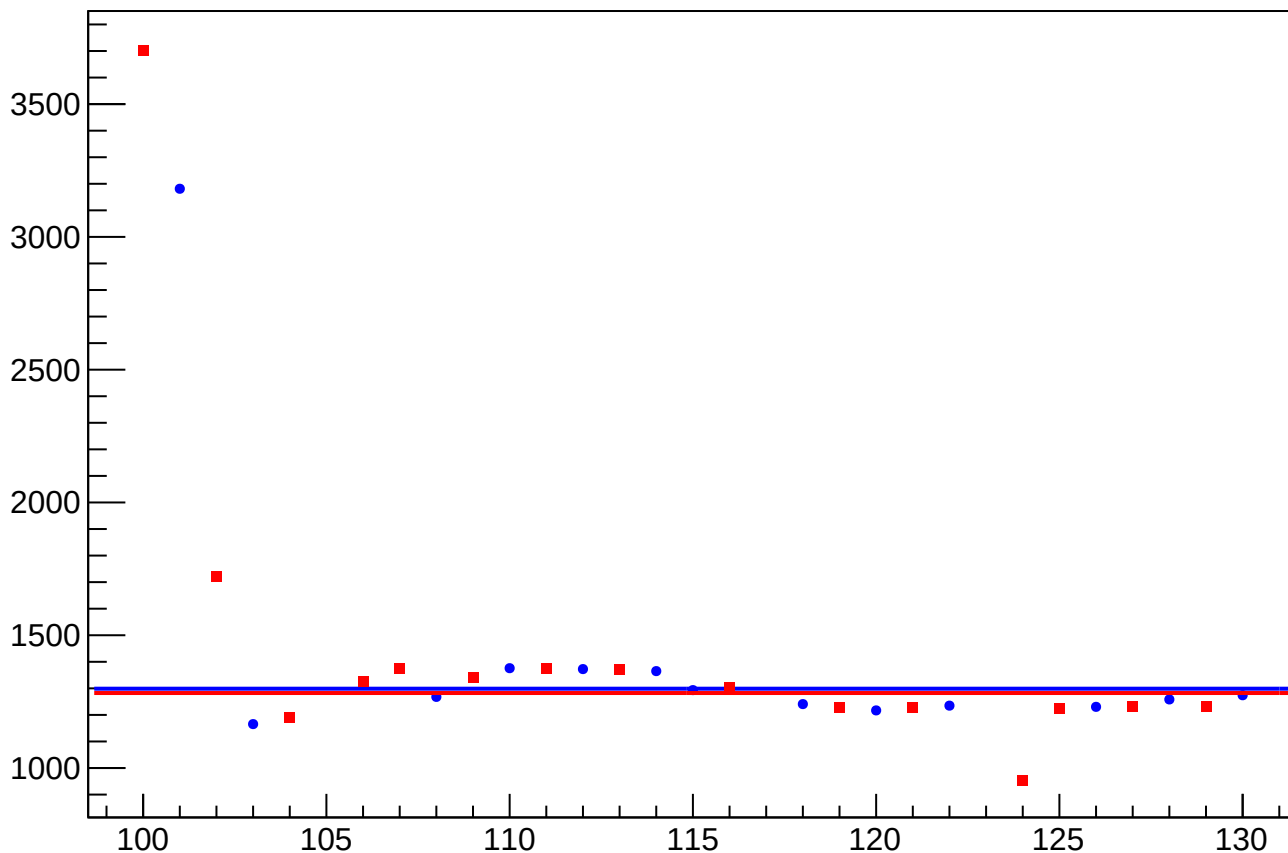
Right: -290.789+/-391.651 χ^2/NDF : 23.5/27

In: -492.281+/-565.819 χ^2/NDF : 13.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -290.789+/-391.651 χ^2/NDF : 23.5/27

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1298.736+/-0.400 χ^2/NDF : 492173.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1282.449+/-0.383 χ^2/NDF : 189945.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

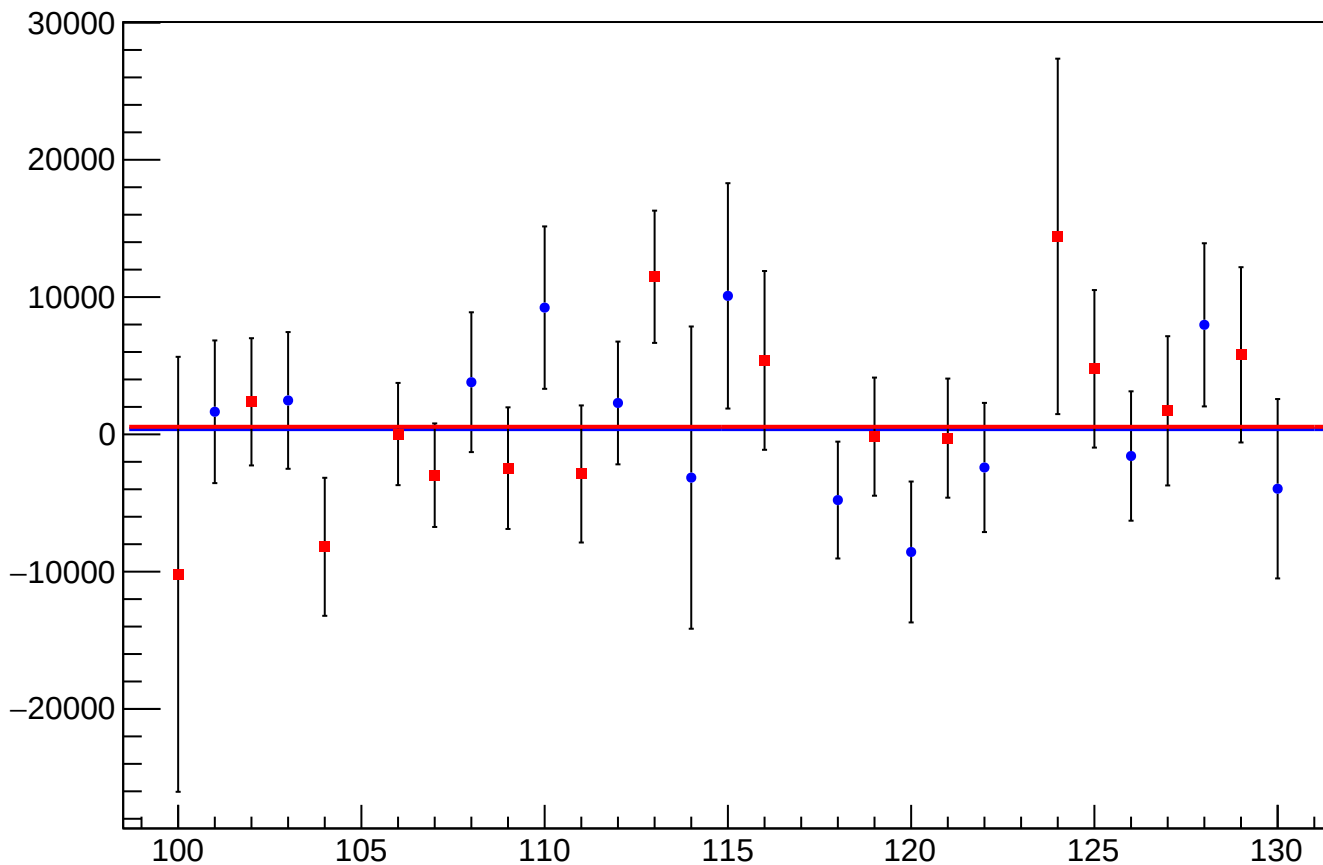
Right: 1290.245+/-0.277 χ^2/NDF : 682982.4/27

In: 1298.736+/-0.400 χ^2/NDF : 492173.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1290.245+/-0.277 χ^2/NDF : 682982.4/27

asym_atl_dd_atr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 381.695 $\pm$ 1486.105 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 551.679 $\pm$ 1299.415 χ^2 /NDF: 13.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

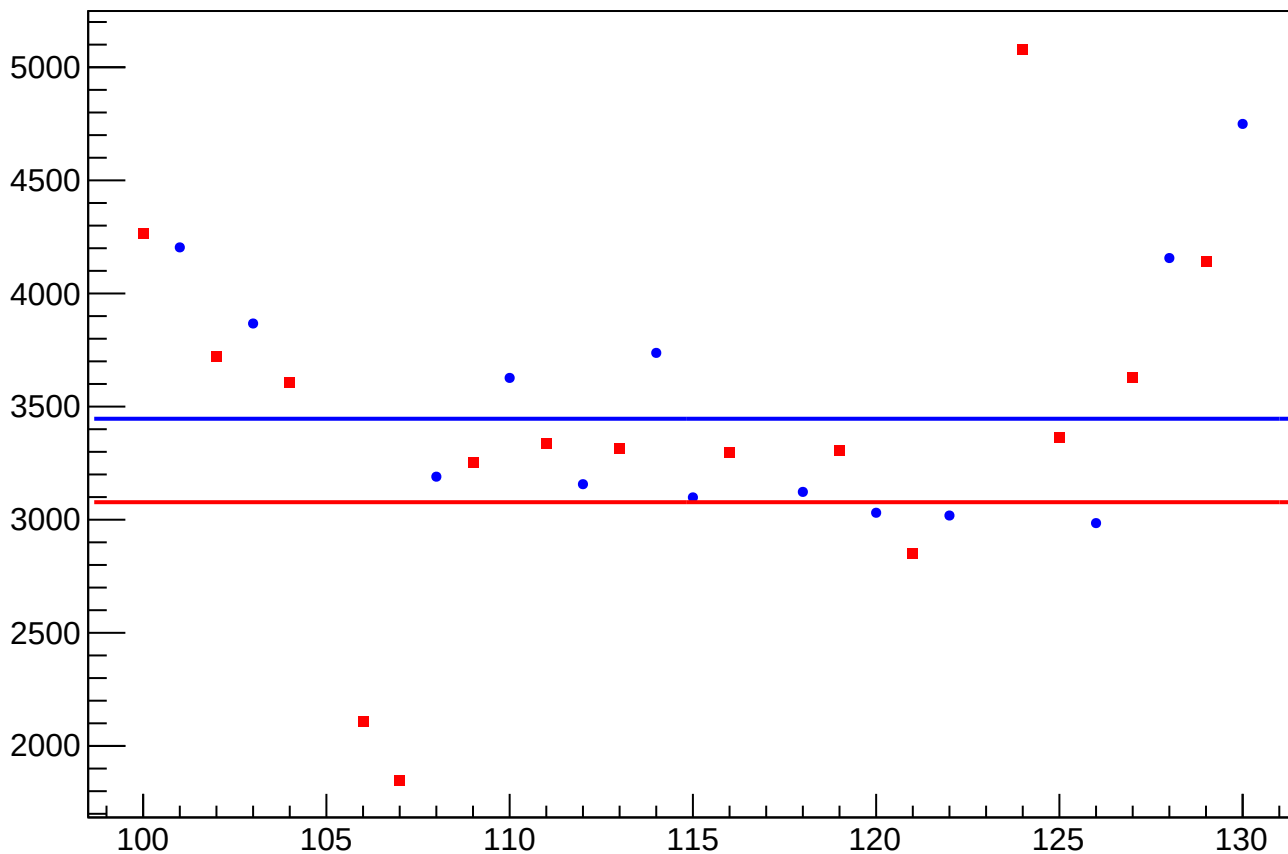
Right: 478.029 $\pm$ 978.212 χ^2 /NDF: 25.4/27

In: 381.695 $\pm$ 1486.105 χ^2 /NDF:11.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 478.029 $\pm$ 978.212 χ^2 /NDF: 25.4/27

asym_atl_dd_atr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3446.286+/-1.051 χ^2 /NDF: 245591.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 3077.431+/-0.919 χ^2 /NDF: 575603.2/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

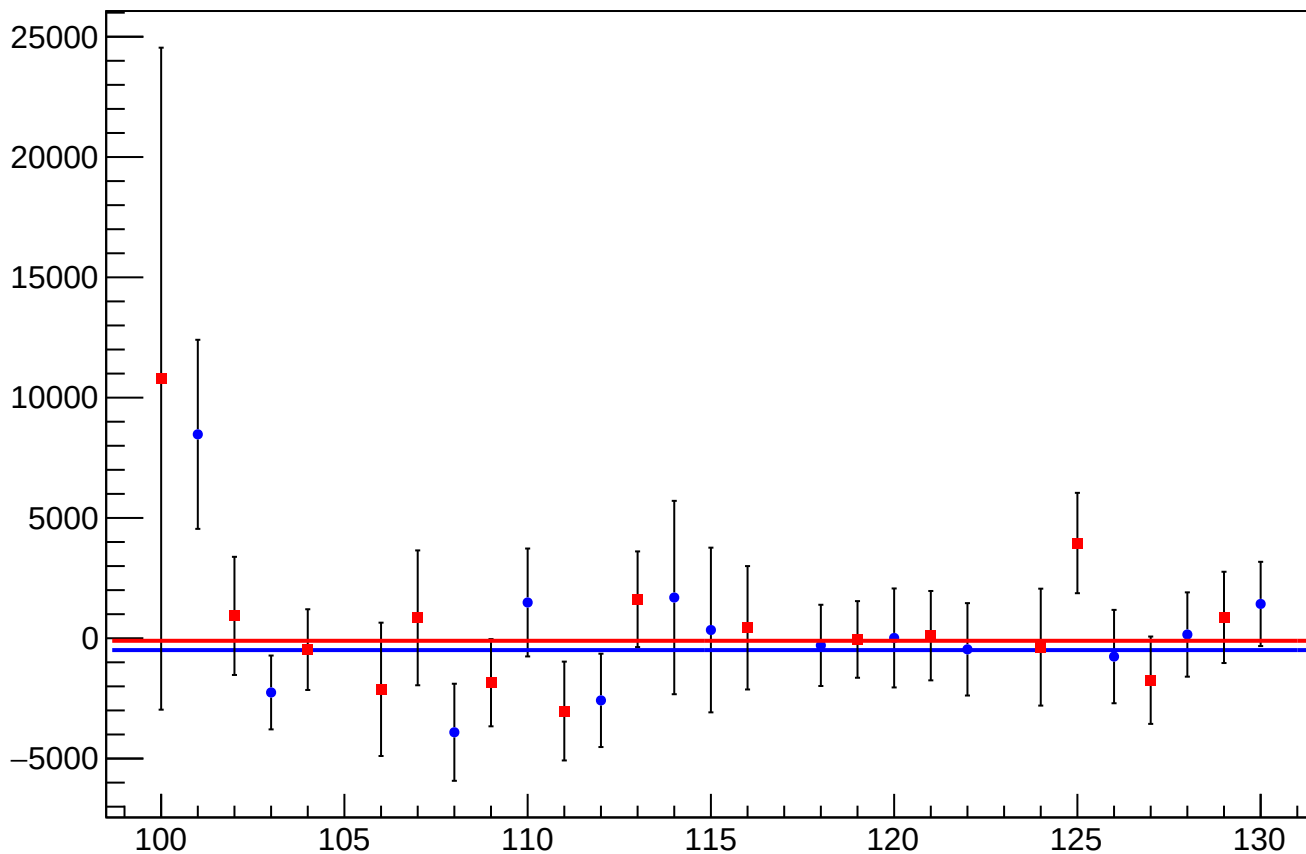
Right: 3237.248+/-0.692 χ^2 /NDF: 891019.8/27

In: 3446.286+/-1.051 χ^2 /NDF:245591.6/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 3237.248+/-0.692 χ^2 /NDF: 891019.8/27

eigen_dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -492.285+/-565.818 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -105.460+/-542.663 χ^2/NDF : 10.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

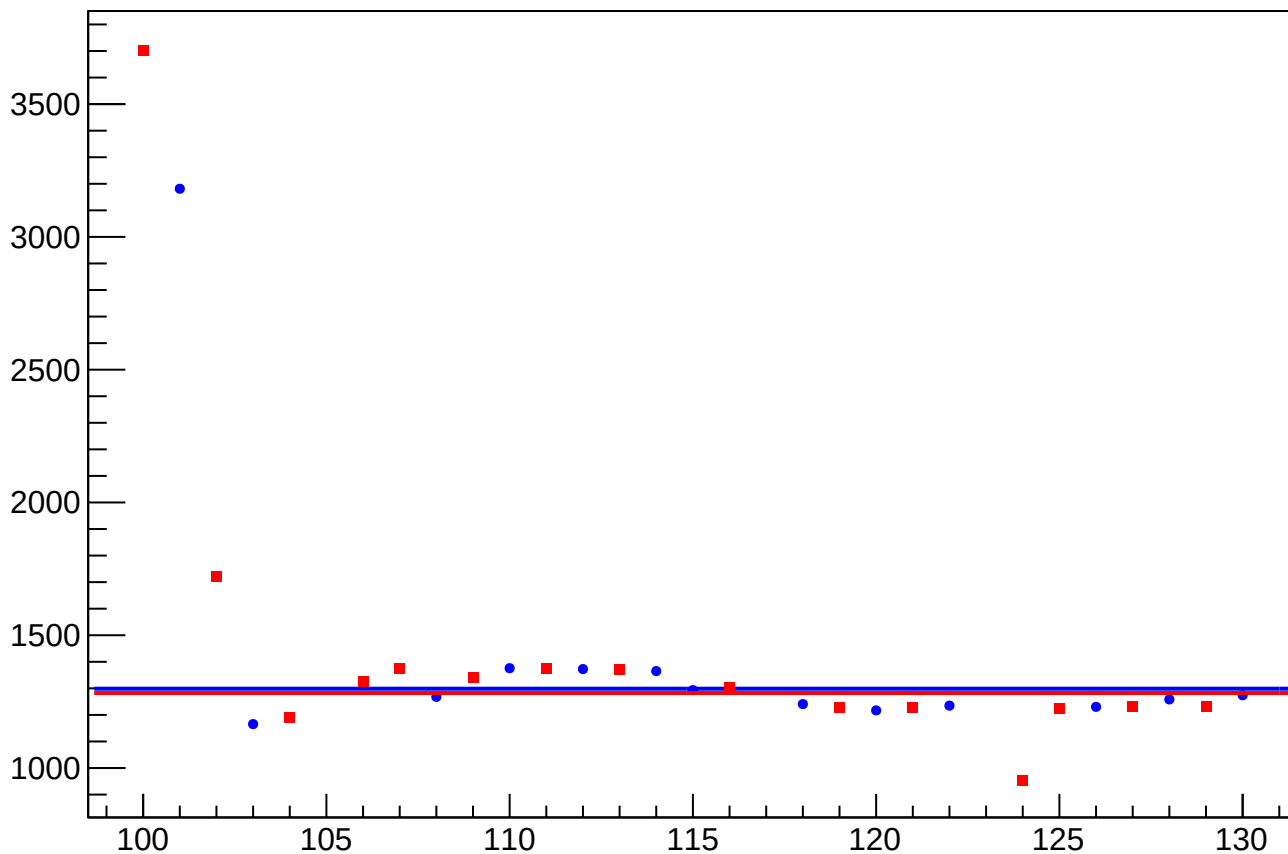
Right: -290.795+/-391.651 χ^2/NDF : 23.5/27

In: -492.285+/-565.818 χ^2/NDF : 13.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -290.795+/-391.651 χ^2/NDF : 23.5/27

eigen_dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1298.735+/-0.400 χ^2/NDF : 492173.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1282.449+/-0.383 χ^2/NDF : 189945.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

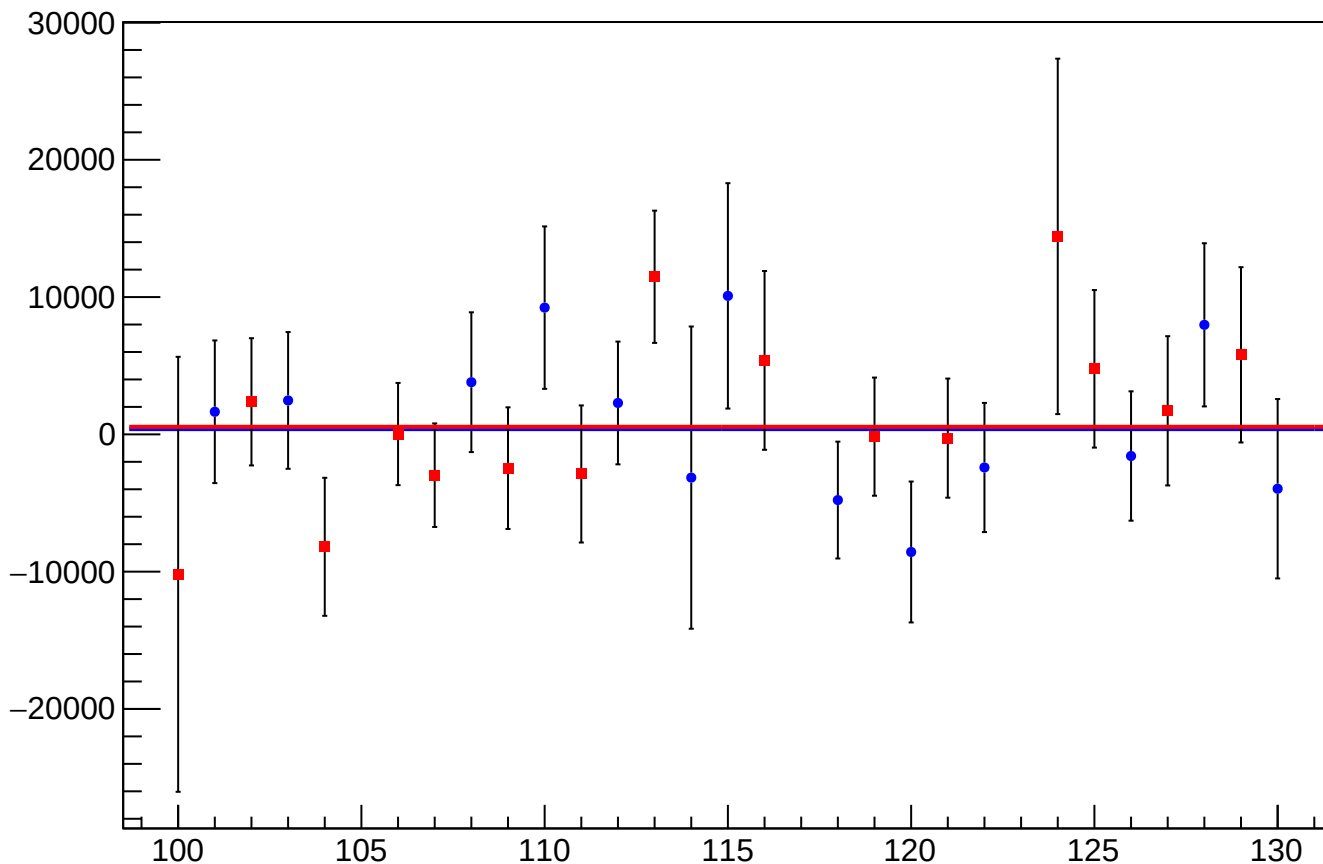
Right: 1290.244+/-0.277 χ^2/NDF : 682982.7/27

In: 1298.735+/-0.400 χ^2/NDF : 492173.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1290.244+/-0.277 χ^2/NDF : 682982.7/27

asym_atl_dd_atr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 381.688+/-1486.101 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 551.674+/-1299.411 χ^2/NDF : 13.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

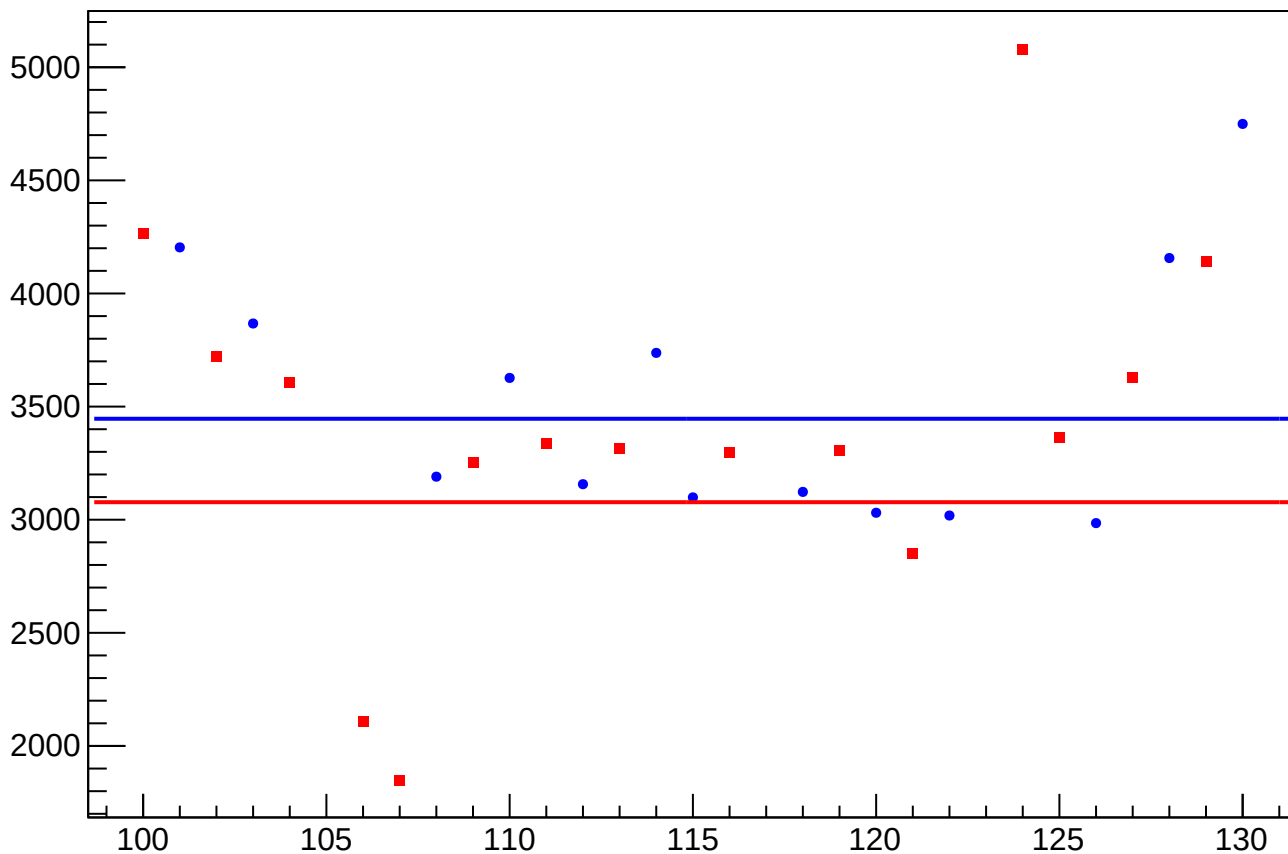
Right: 478.023+/-978.209 χ^2/NDF : 25.4/27

In: 381.688+/-1486.101 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 478.023+/-978.209 χ^2/NDF : 25.4/27

asym_atl_dd_atr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3446.274+/-1.051 χ^2 /NDF: 245593.9/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 3077.423+/-0.919 χ^2 /NDF: 575604.3/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

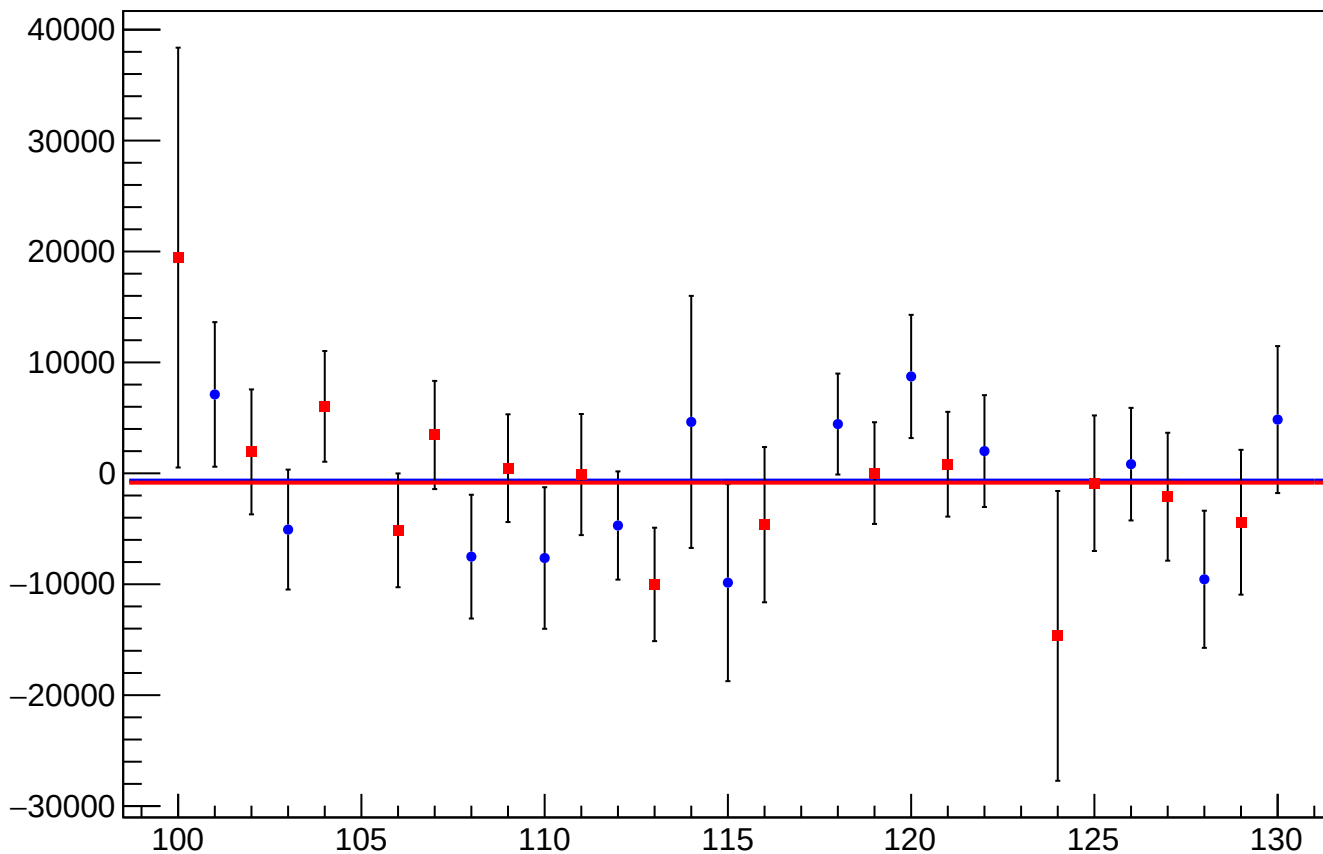
Right: 3237.238+/-0.692 χ^2 /NDF: 891022.4/27

In: 3446.274+/-1.051 χ^2 /NDF:245593.9/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 3237.238+/-0.692 χ^2 /NDF: 891022.4/27

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -656.473+/-1612.431 χ^2/NDF : 14.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -840.111+/-1462.293 χ^2/NDF : 10.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

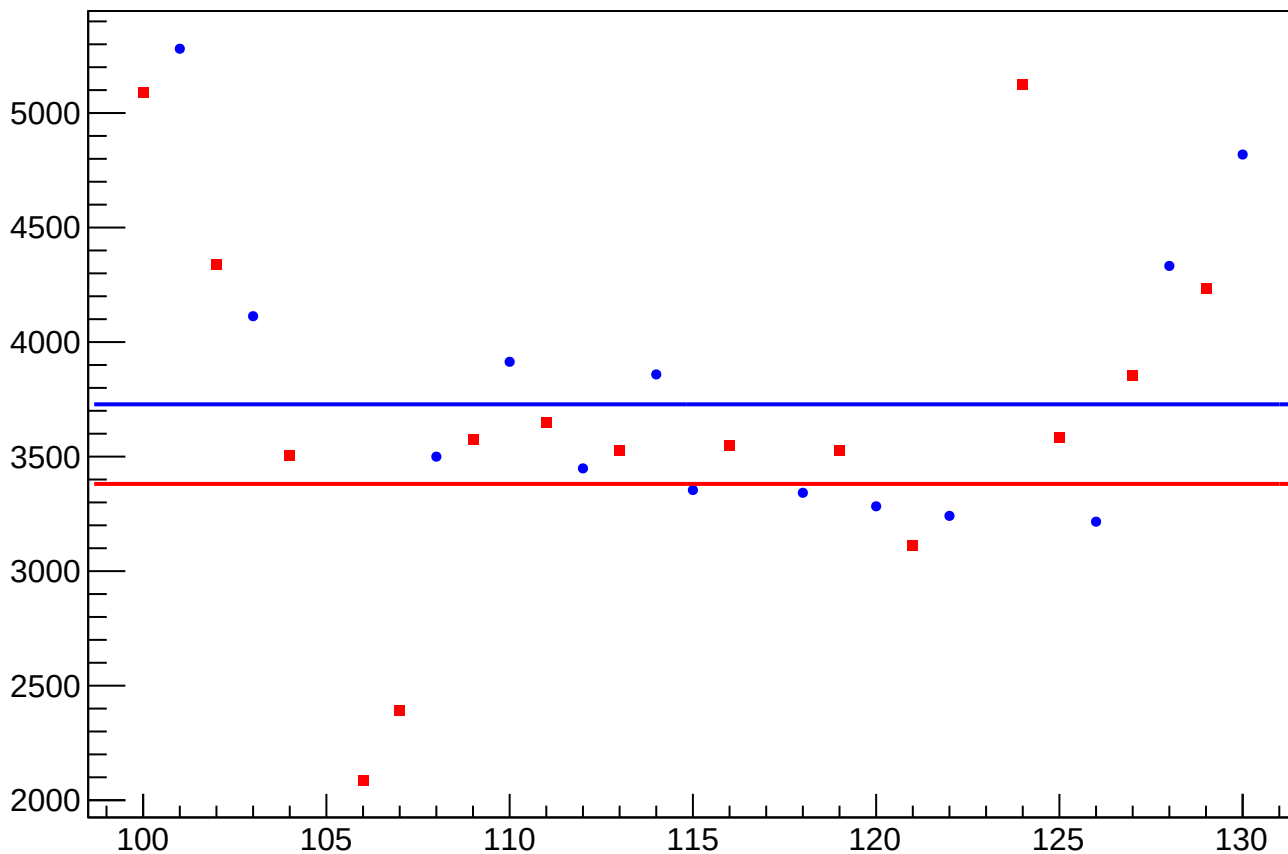
Right: -757.237+/-1083.197 χ^2/NDF : 24.0/27

In: -656.473+/-1612.431 χ^2/NDF : 14.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -757.237+/-1083.197 χ^2/NDF : 24.0/27

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3728.278+/-1.140 χ^2/NDF : 278567.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3380.804+/-1.017 χ^2/NDF : 441427.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

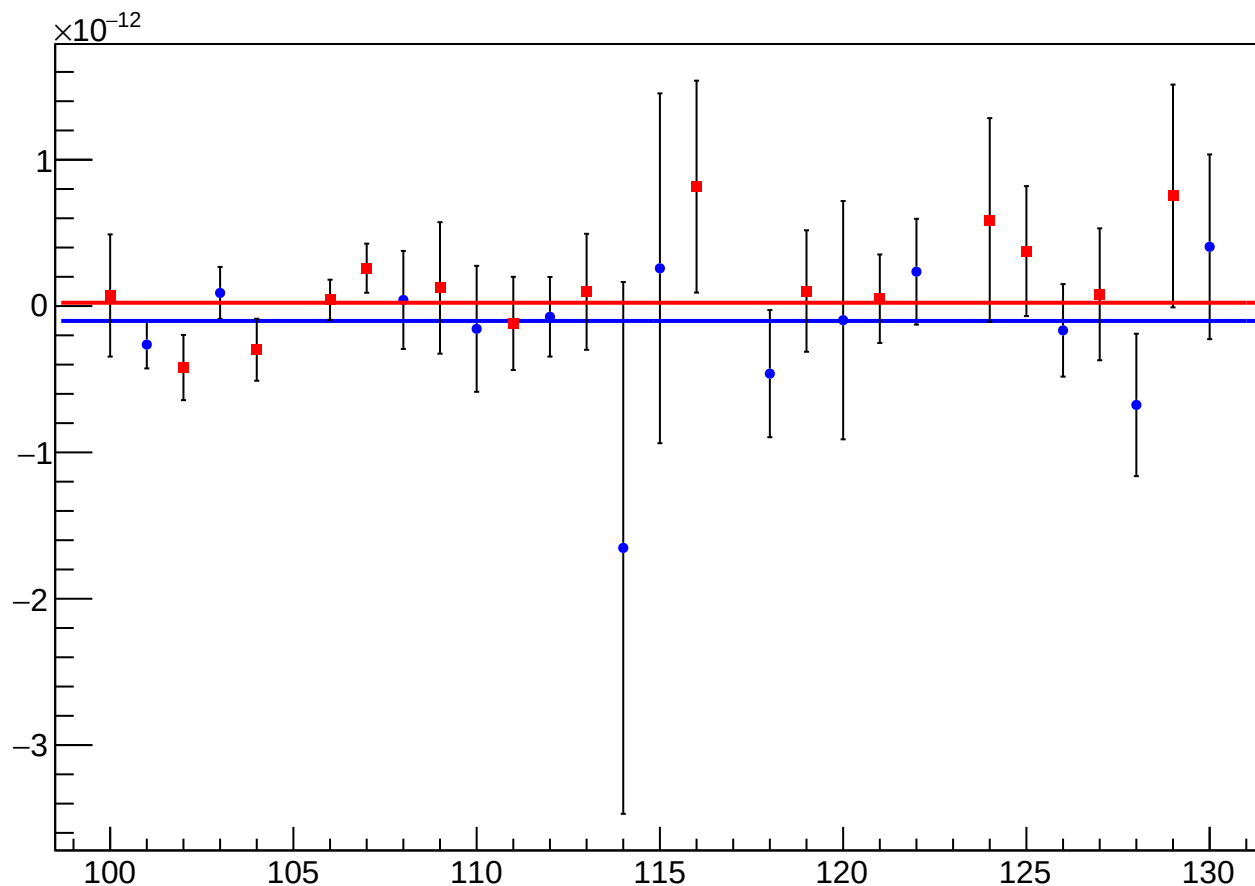
Right: 3534.799+/-0.759 χ^2/NDF : 771711.9/27

In: 3728.278+/-1.140 χ^2/NDF : 278567.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3534.799+/-0.759 χ^2/NDF : 771711.9/27

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 6.8/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 12.0/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

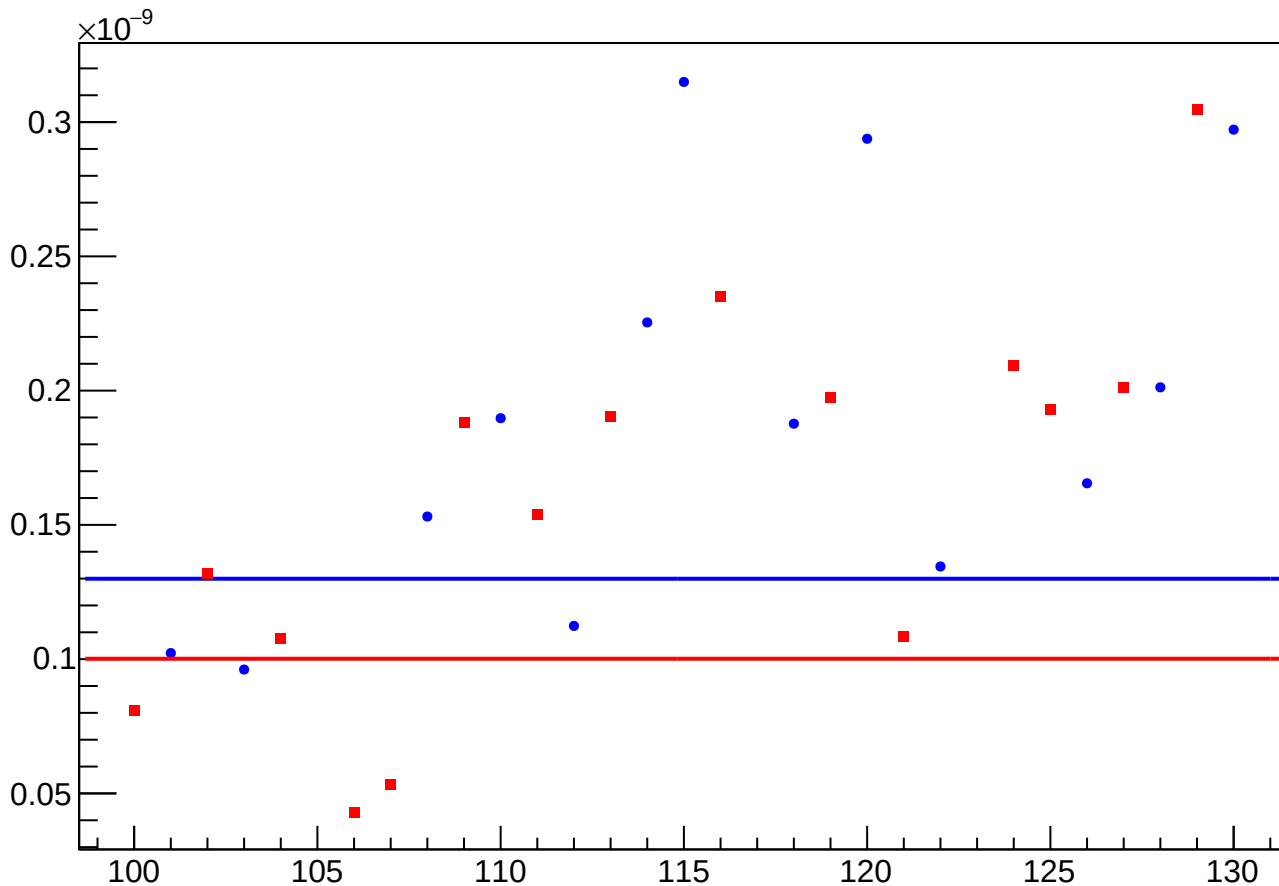
Right: -0.000+/-0.000 χ^2 /NDF: 20.0/27

In: -0.000+/-0.000 χ^2 /NDF:6.8/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 20.0/27

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 565316.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1349820.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

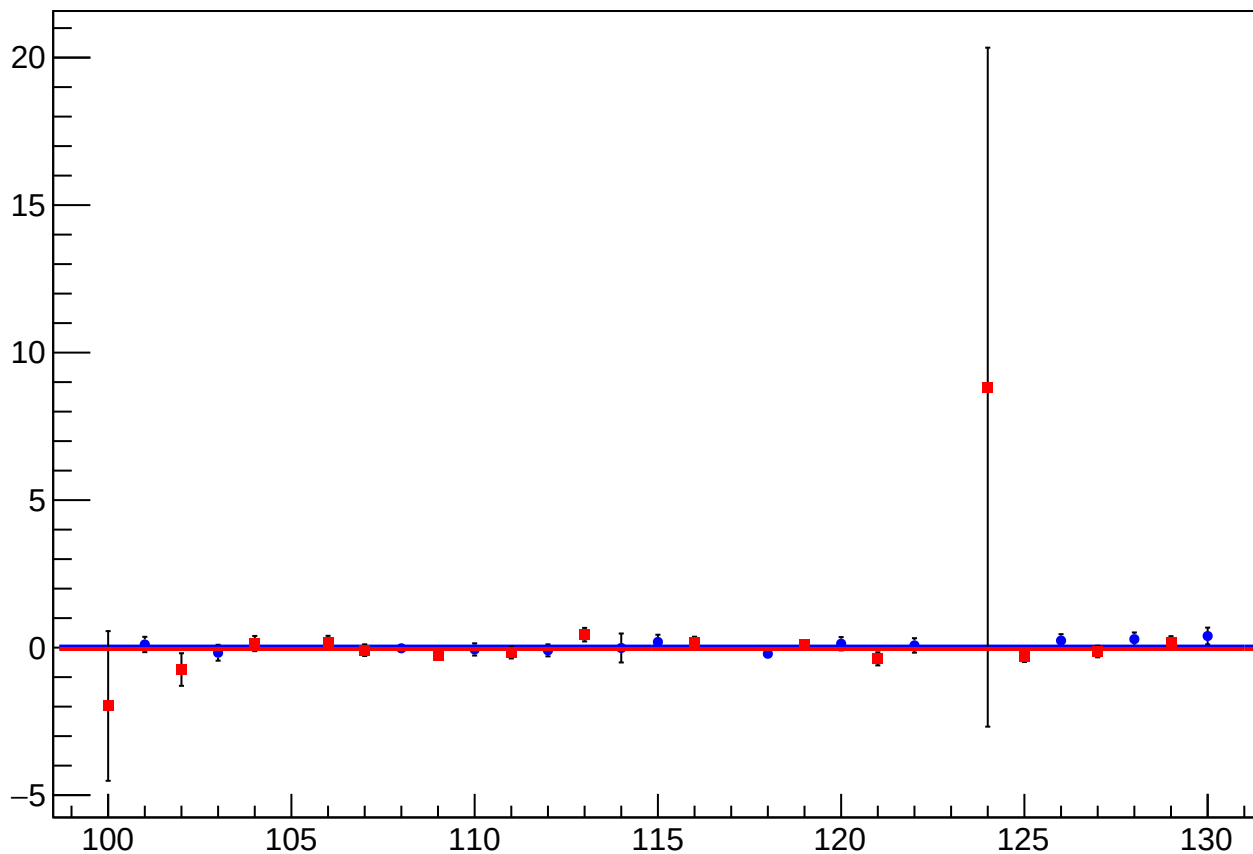
Right: 0.000+/-0.000 χ^2/NDF : 2051870.5/27

In: 0.000+/-0.000 χ^2/NDF :565316.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2051870.5/27

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035+/-0.062 χ^2/NDF : 7.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.047+/-0.057 χ^2/NDF : 18.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

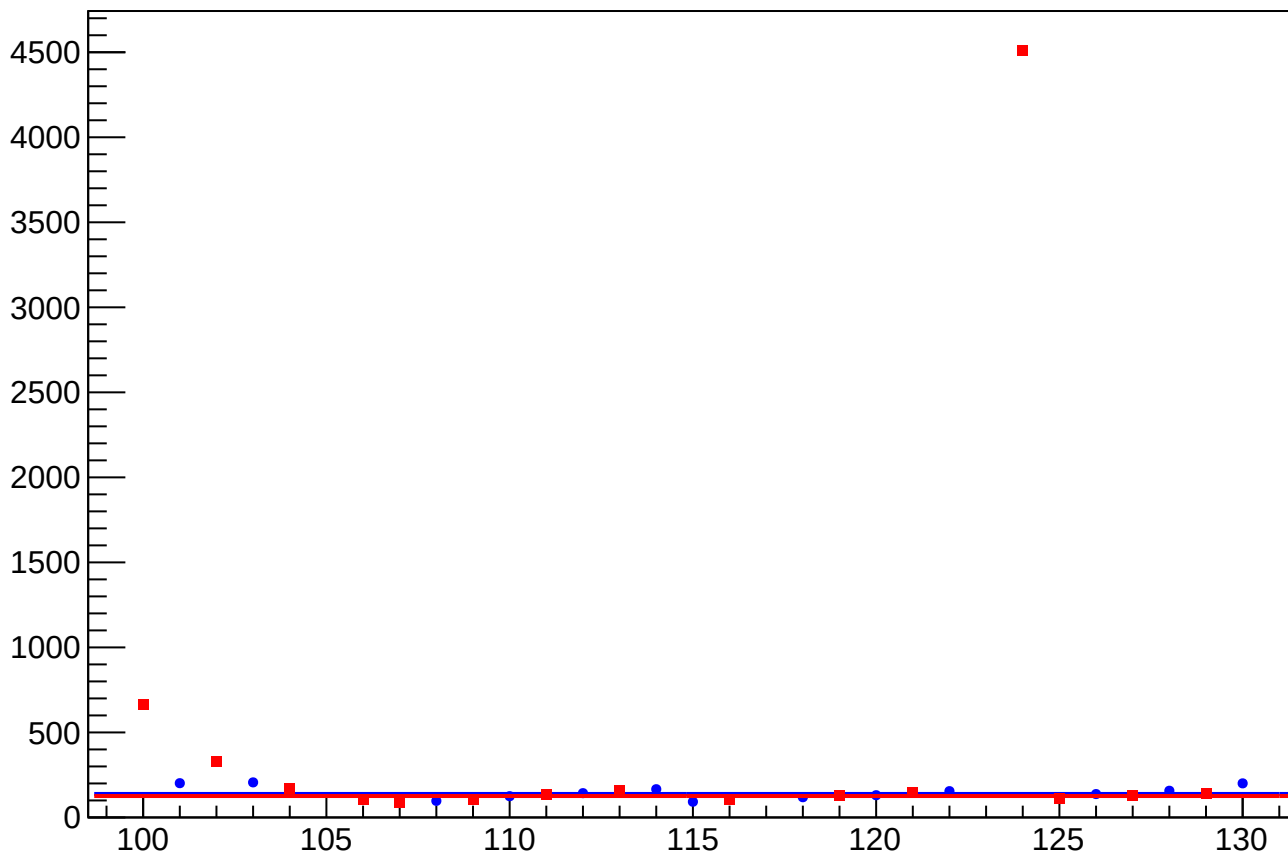
Right: -0.009+/-0.042 χ^2/NDF : 26.8/27

In: 0.035+/-0.062 χ^2/NDF : 7.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.042 χ^2/NDF : 26.8/27

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.180+/-0.044 χ^2/NDF : 607435.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.024+/-0.040 χ^2/NDF : 921541.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

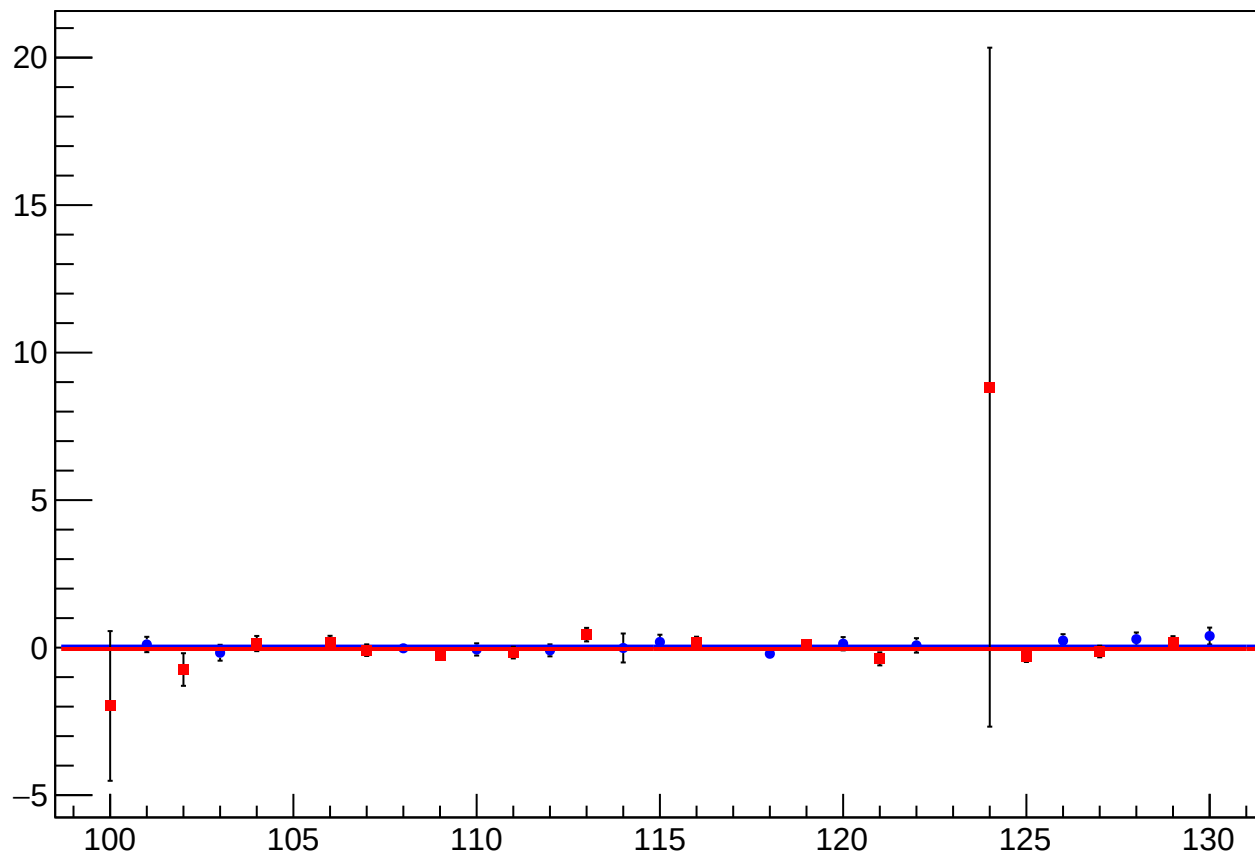
Right: 131.628+/-0.030 χ^2/NDF : 1570777.1/27

In: 138.180+/-0.044 χ^2/NDF : 607435.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.628+/-0.030 χ^2/NDF : 1570777.1/27

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035+/-0.062 χ^2/NDF : 7.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.047+/-0.057 χ^2/NDF : 18.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

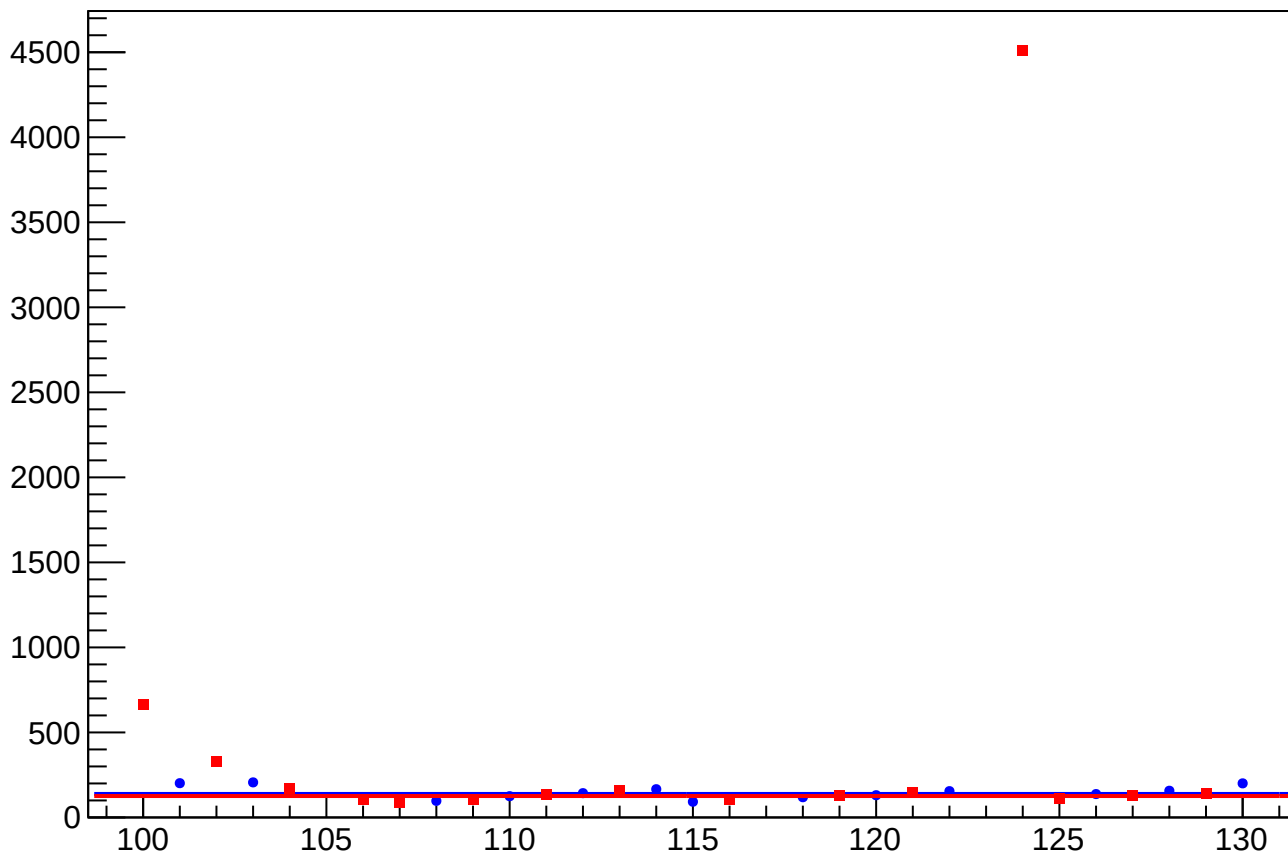
Right: -0.009+/-0.042 χ^2/NDF : 26.8/27

In: 0.035+/-0.062 χ^2/NDF : 7.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.042 χ^2/NDF : 26.8/27

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.180+/-0.044 χ^2/NDF : 607435.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.024+/-0.040 χ^2/NDF : 921541.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

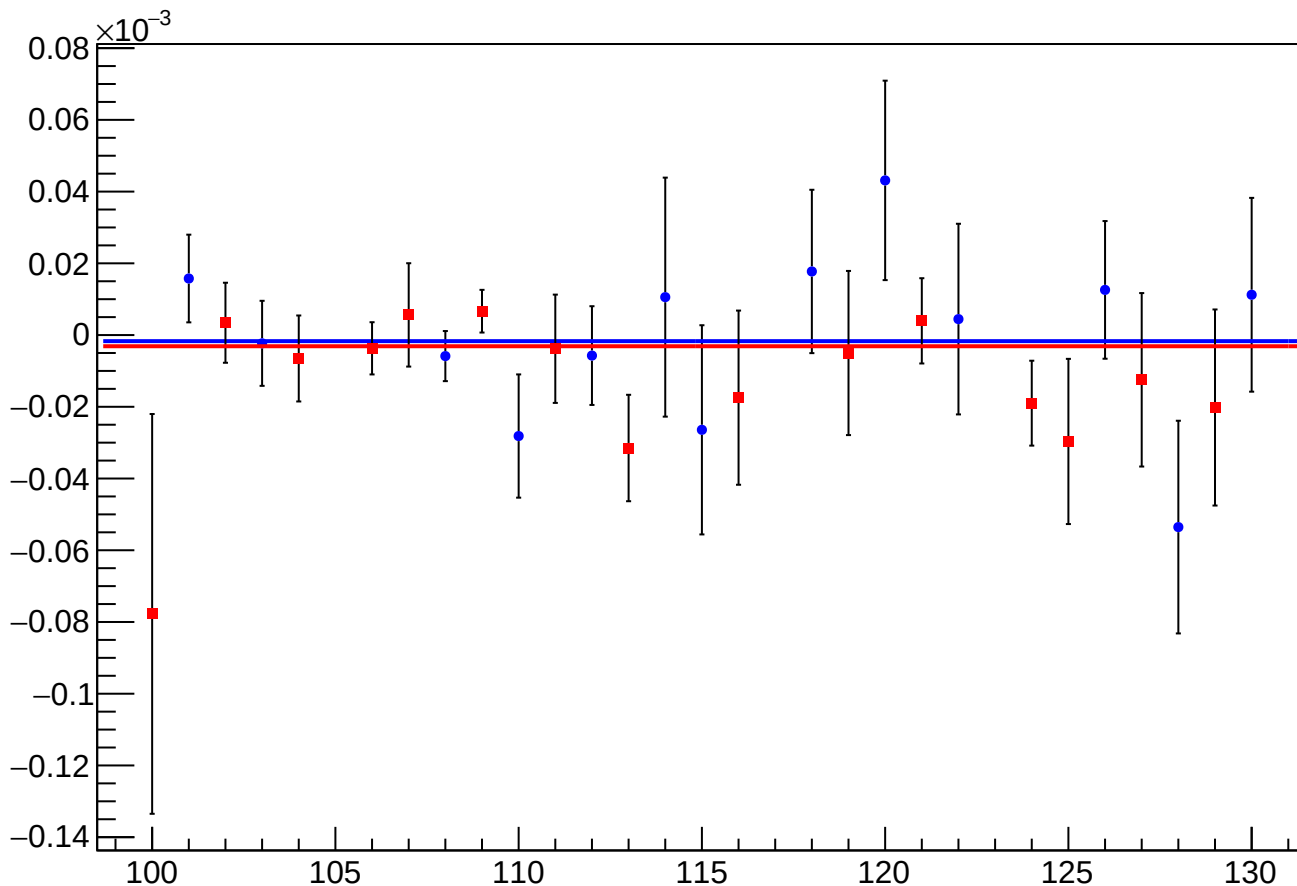
Right: 131.628+/-0.030 χ^2/NDF : 1570777.1/27

In: 138.180+/-0.044 χ^2/NDF : 607435.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.628+/-0.030 χ^2/NDF : 1570777.1/27

asym_atl_dd_atr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

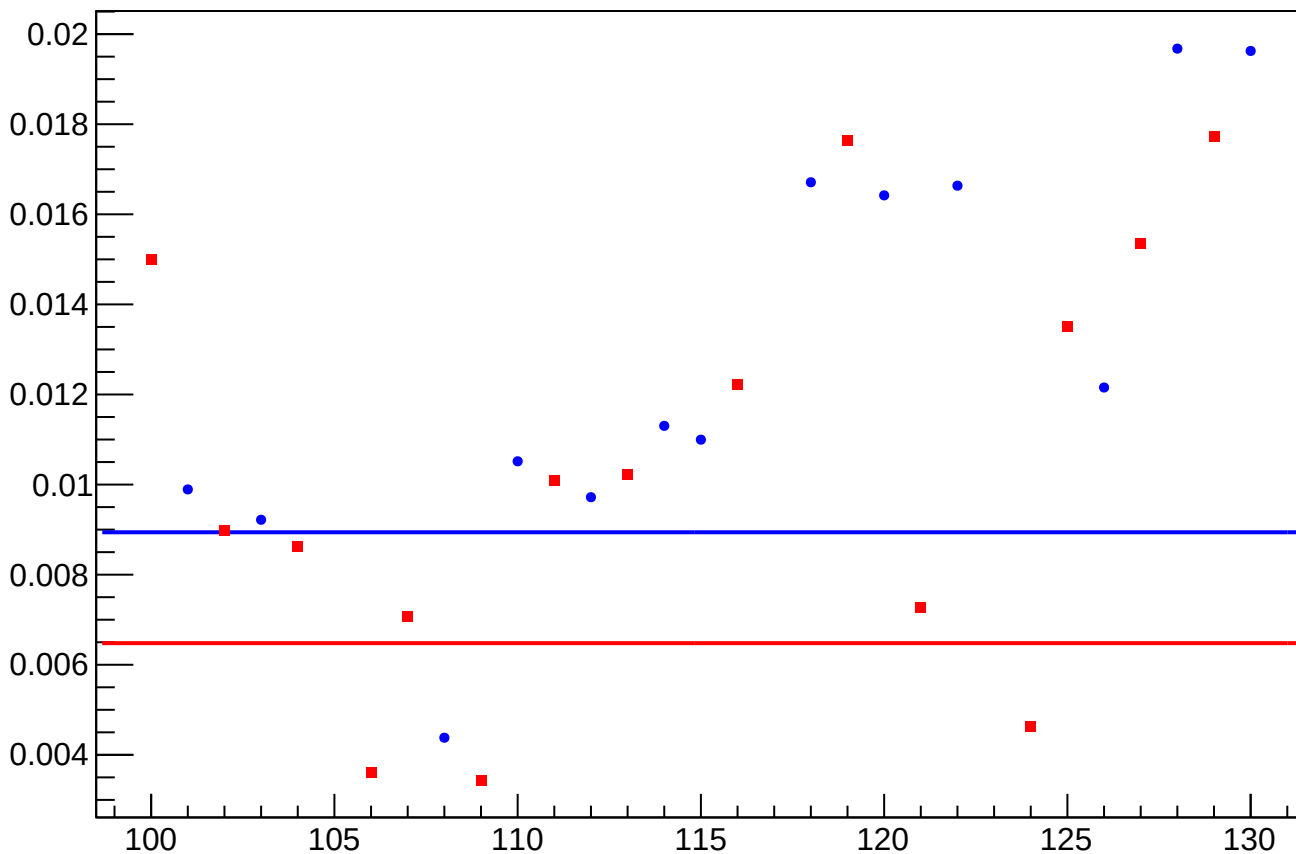
Right: -0.000+/-0.000 χ^2/NDF : 26.3/27

In: -0.000+/-0.000 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.3/27

asym_atl_dd_atr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 2085354.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 2729592.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

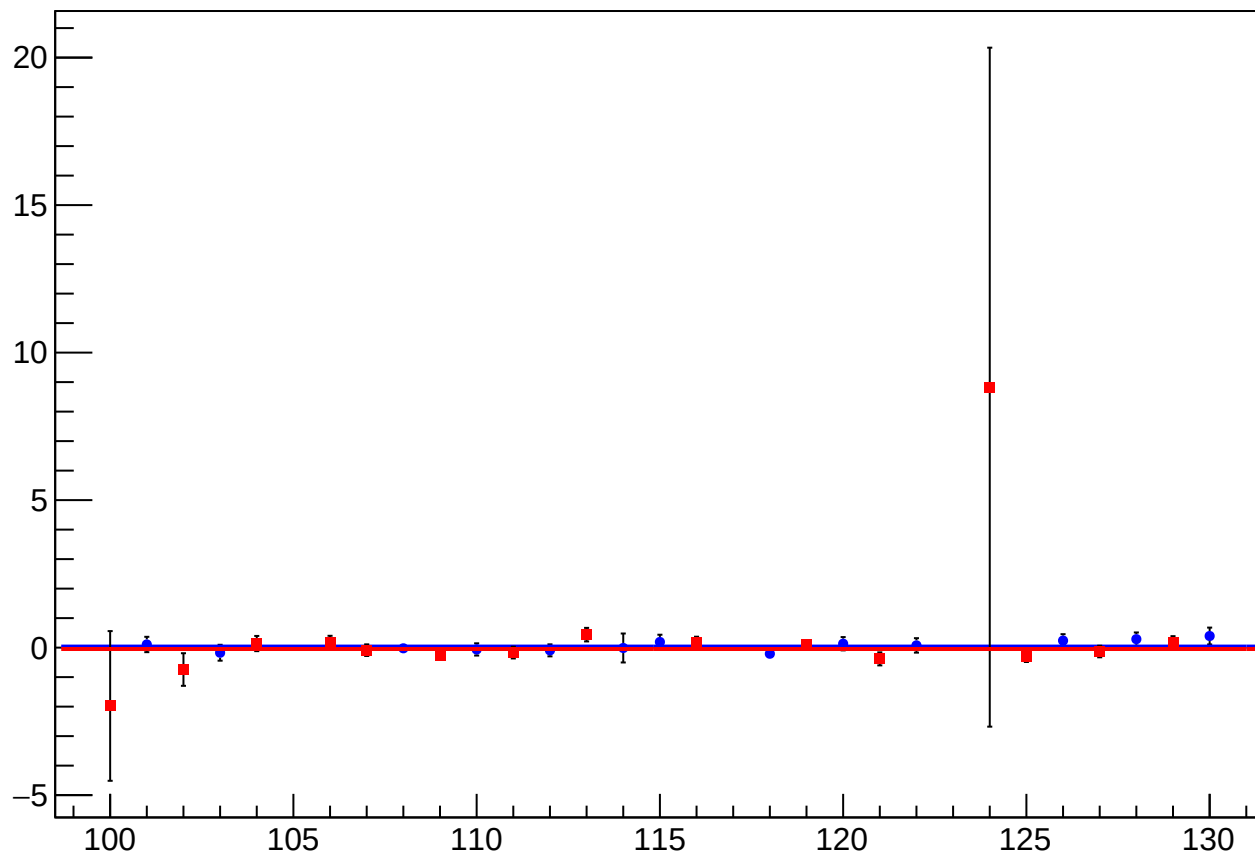
Right: 0.007+/-0.000 χ^2/NDF : 5242790.0/27

In: 0.009+/-0.000 χ^2/NDF :2085354.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 5242790.0/27

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035+/-0.062 χ^2/NDF : 7.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.047+/-0.057 χ^2/NDF : 18.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

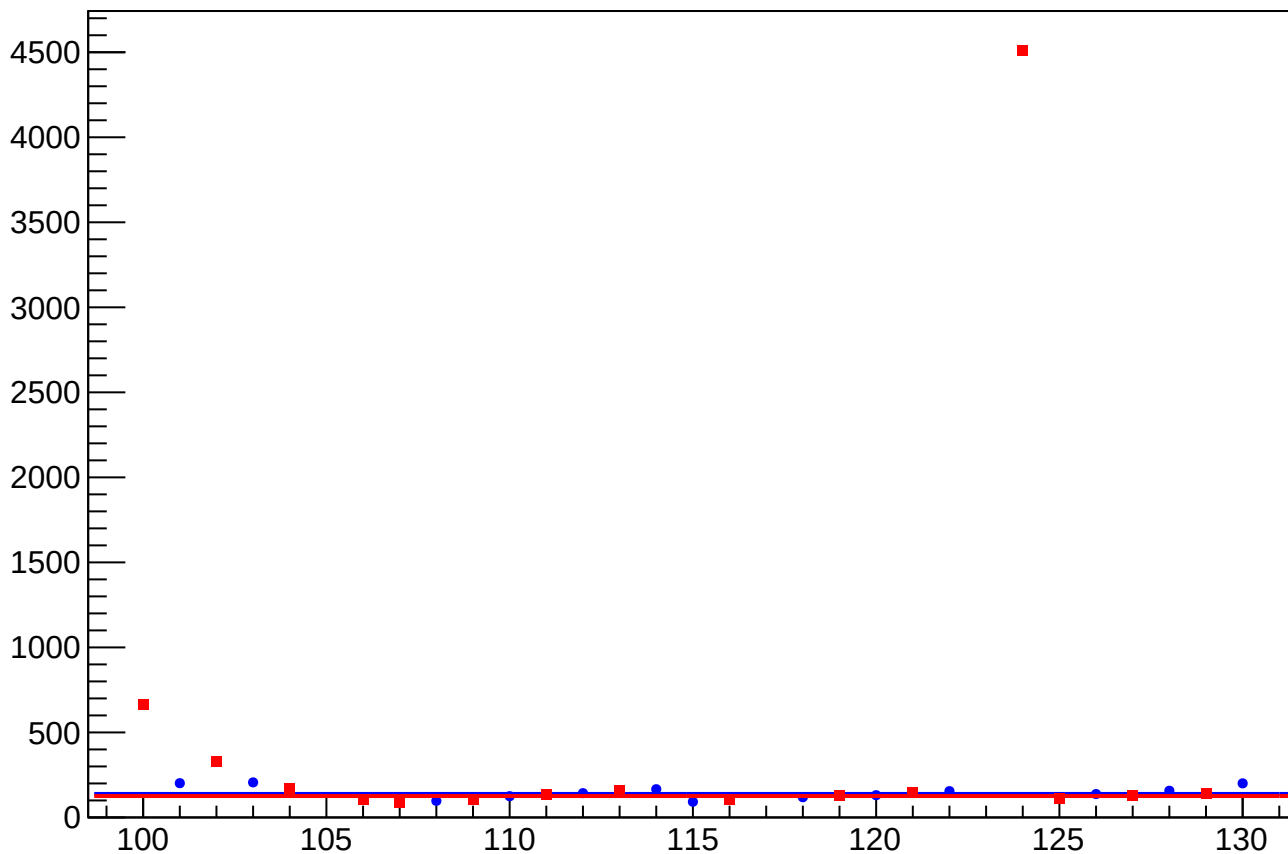
Right: -0.009+/-0.042 χ^2/NDF : 26.8/27

In: 0.035+/-0.062 χ^2/NDF : 7.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.042 χ^2/NDF : 26.8/27

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.180+/-0.044 χ^2/NDF : 607359.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.025+/-0.040 χ^2/NDF : 921476.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

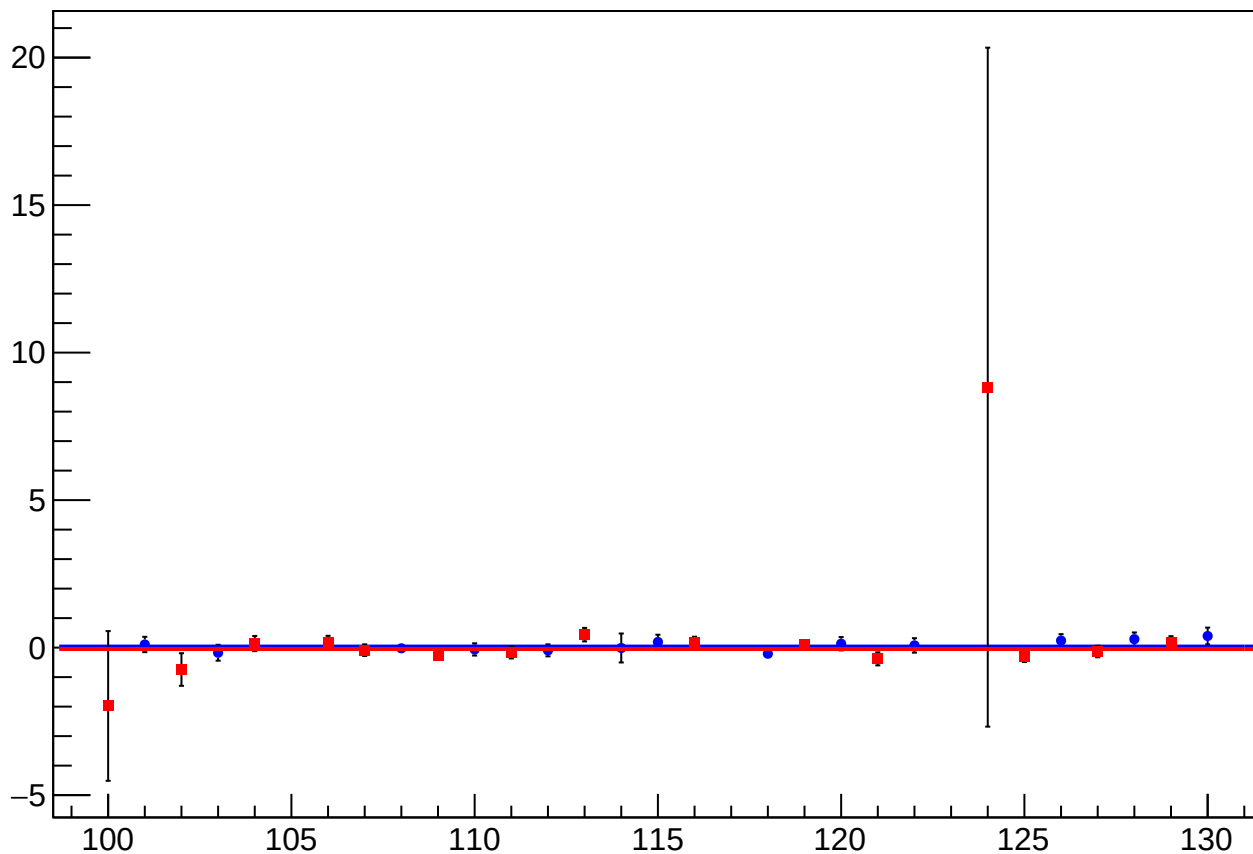
Right: 131.628+/-0.030 χ^2/NDF : 1570625.4/27

In: 138.180+/-0.044 χ^2/NDF : 607359.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.628+/-0.030 χ^2/NDF : 1570625.4/27

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035 $\pm$ 0.062 χ^2 /NDF: 7.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.047 $\pm$ 0.057 χ^2 /NDF: 18.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

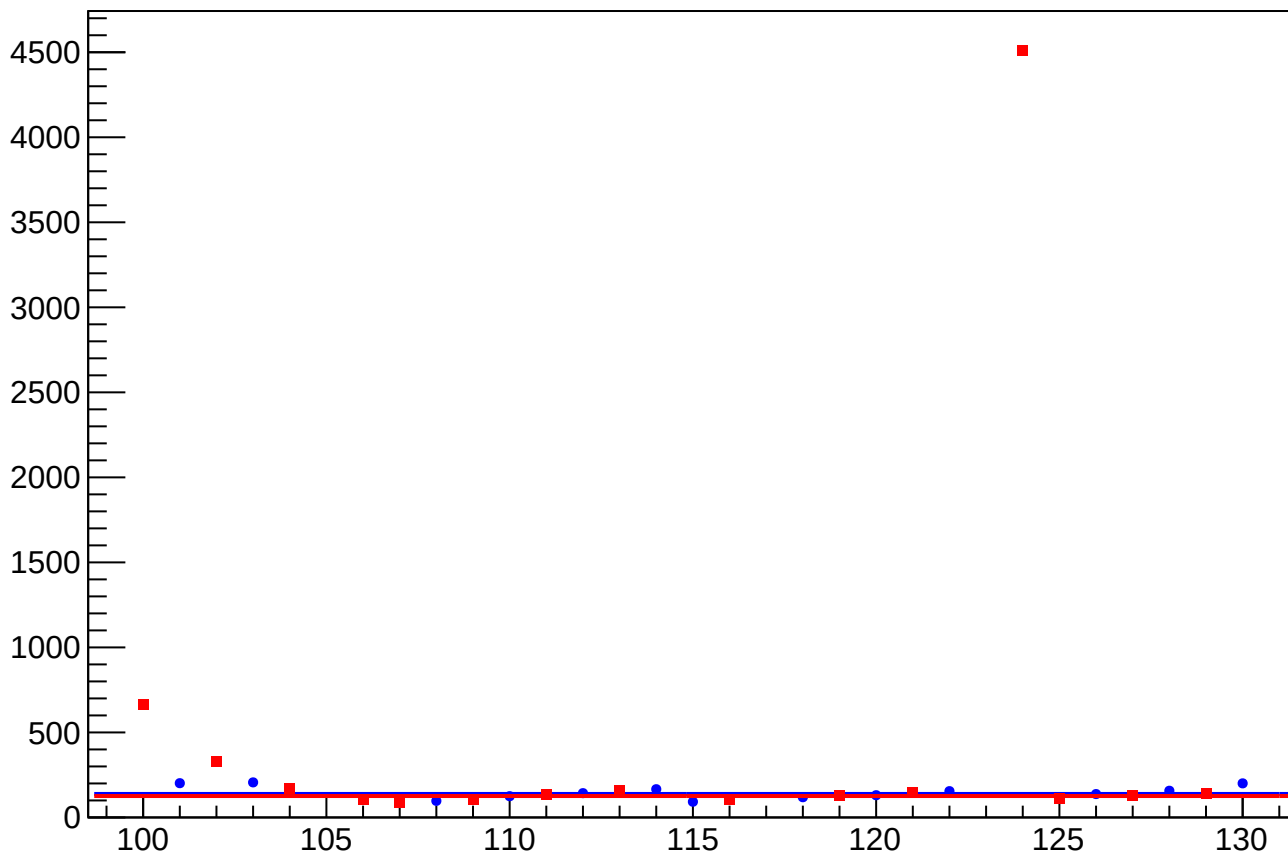
Right: -0.009 $\pm$ 0.042 χ^2 /NDF: 26.8/27

In: 0.035 $\pm$ 0.062 χ^2 /NDF: 7.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.009 $\pm$ 0.042 χ^2 /NDF: 26.8/27

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.180+/-0.044 χ^2/NDF : 607359.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.025+/-0.040 χ^2/NDF : 921476.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

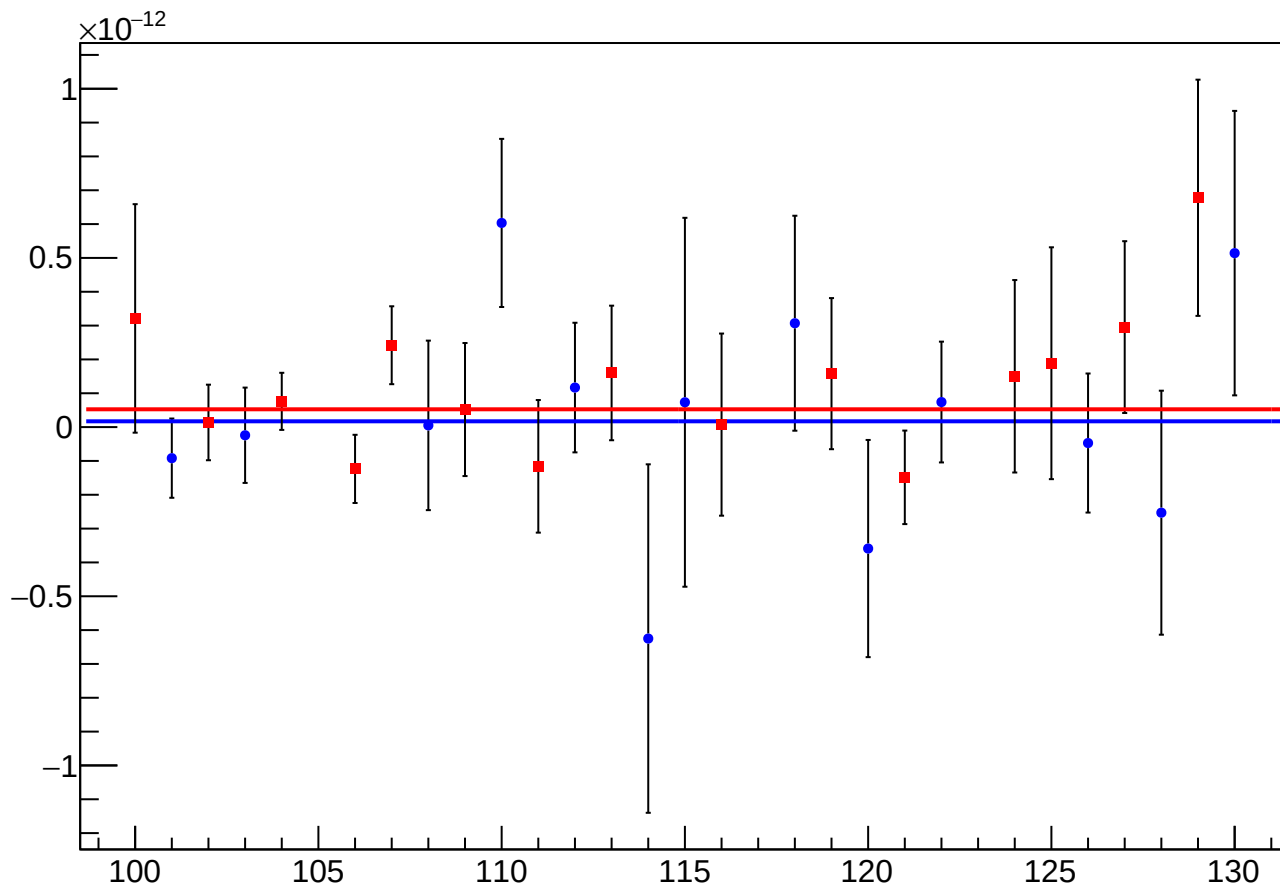
Right: 131.628+/-0.030 χ^2/NDF : 1570625.4/27

In: 138.180+/-0.044 χ^2/NDF : 607359.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.628+/-0.030 χ^2/NDF : 1570625.4/27

asym_atl_dd_atr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

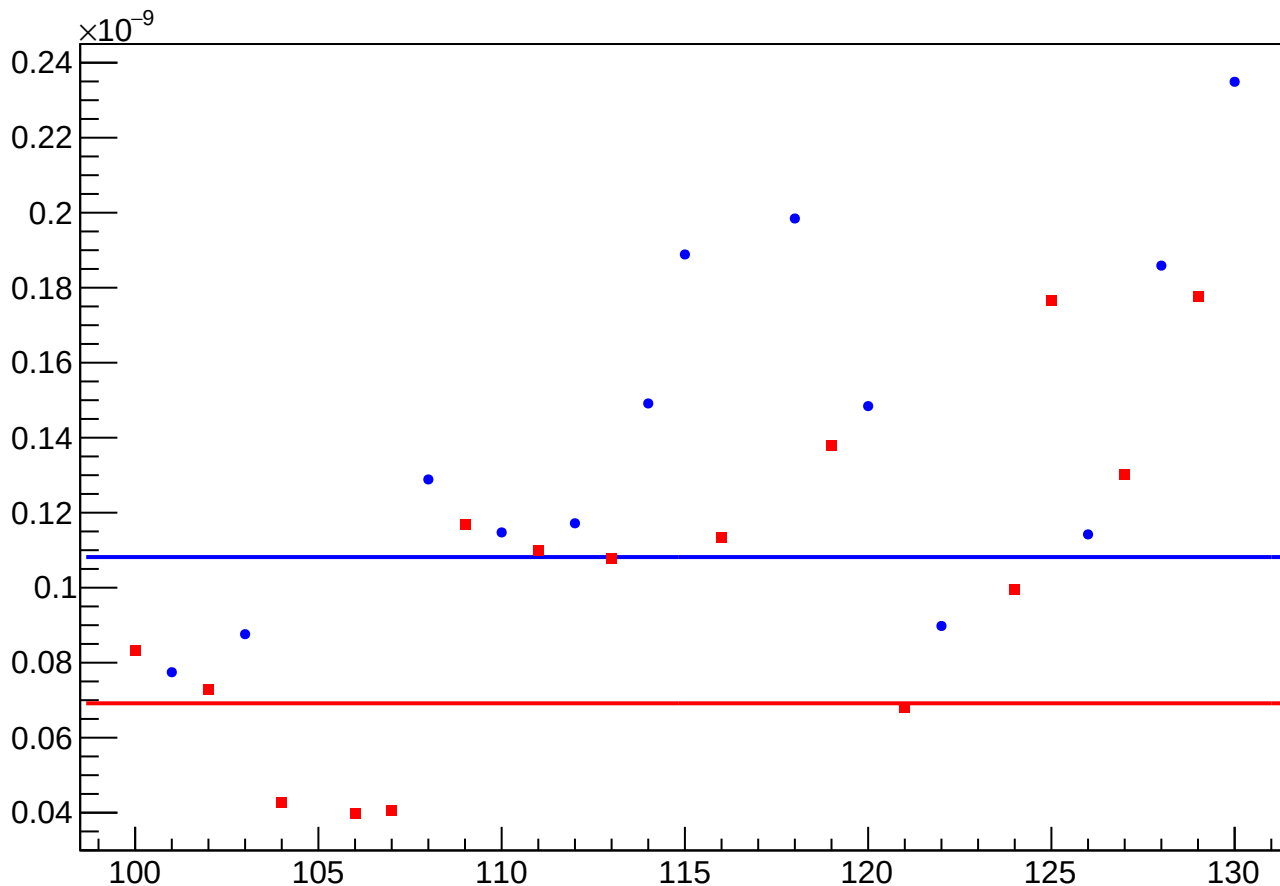
Right: 0.000+/-0.000 χ^2/NDF : 27.4/27

In: 0.000+/-0.000 χ^2/NDF : 12.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.4/27

asym_atl_dd_atr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 746722.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1543827.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

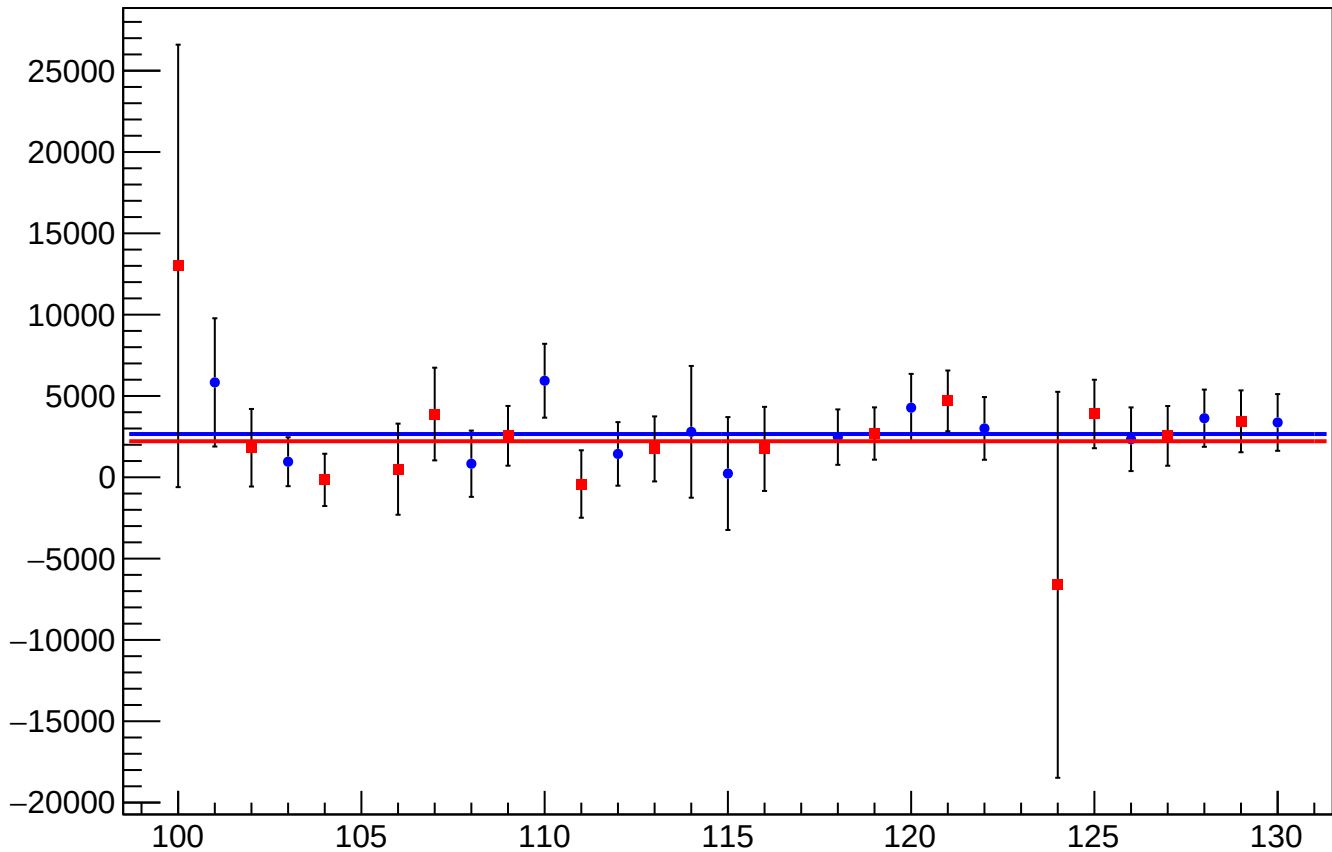
Right: 0.000+/-0.000 χ^2/NDF : 2871551.2/27

In: 0.000+/-0.000 χ^2/NDF : 746722.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2871551.2/27

reg_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2659.850+/-567.541 χ^2/NDF : 6.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2216.569+/-556.722 χ^2/NDF : 8.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

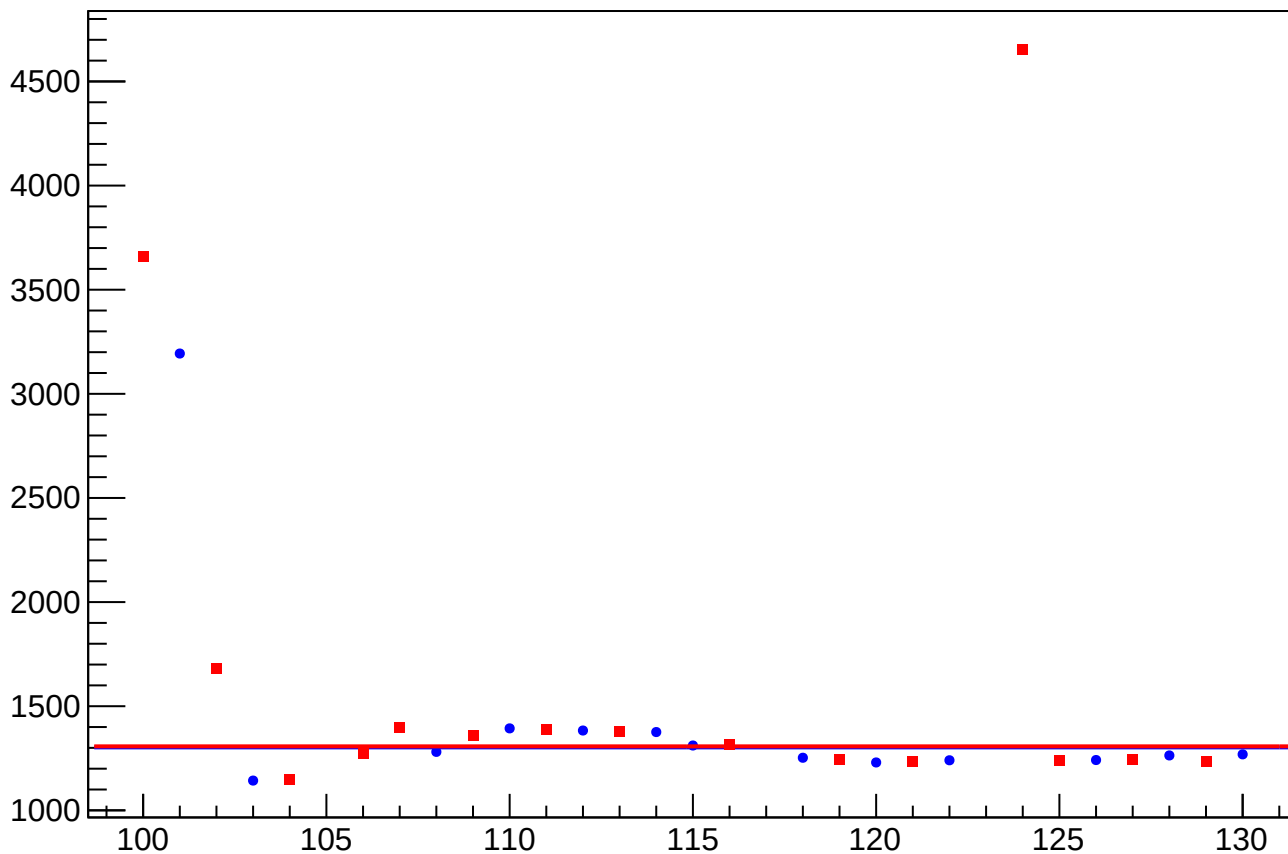
Right: 2433.944+/-397.432 χ^2/NDF : 15.9/27

In: 2659.850+/-567.541 χ^2/NDF : 6.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2433.944+/-397.432 χ^2/NDF : 15.9/27

reg_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1302.352+/-0.401 χ^2/NDF : 499875.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1307.234+/-0.392 χ^2/NDF : 310338.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

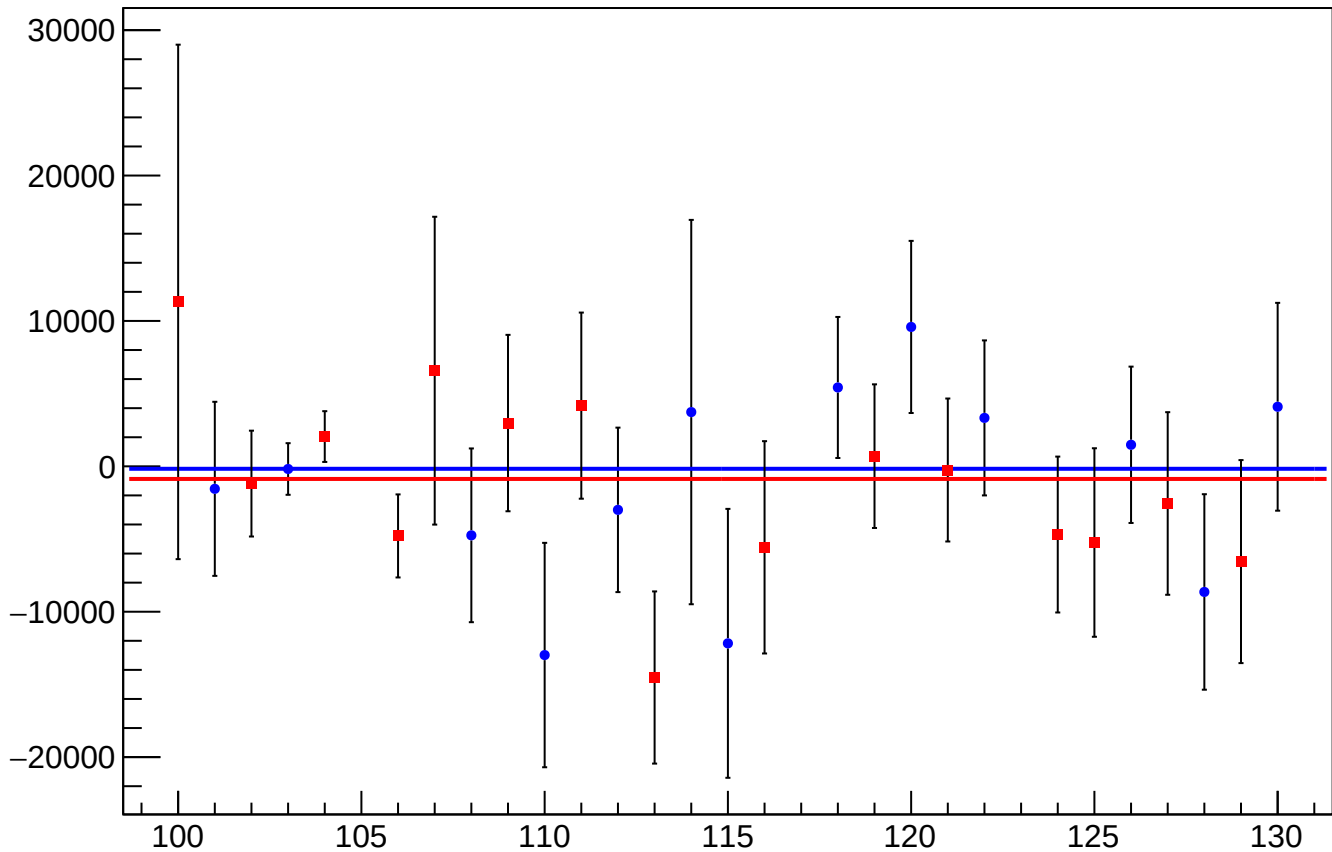
Right: 1304.848+/-0.281 χ^2/NDF : 810288.9/27

In: 1302.352+/-0.401 χ^2/NDF : 499875.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1304.848+/-0.281 χ^2/NDF : 810288.9/27

asym_atl_avg_atr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -169.069+/-1268.776 χ^2/NDF : 11.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -867.692+/-1101.727 χ^2/NDF : 14.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

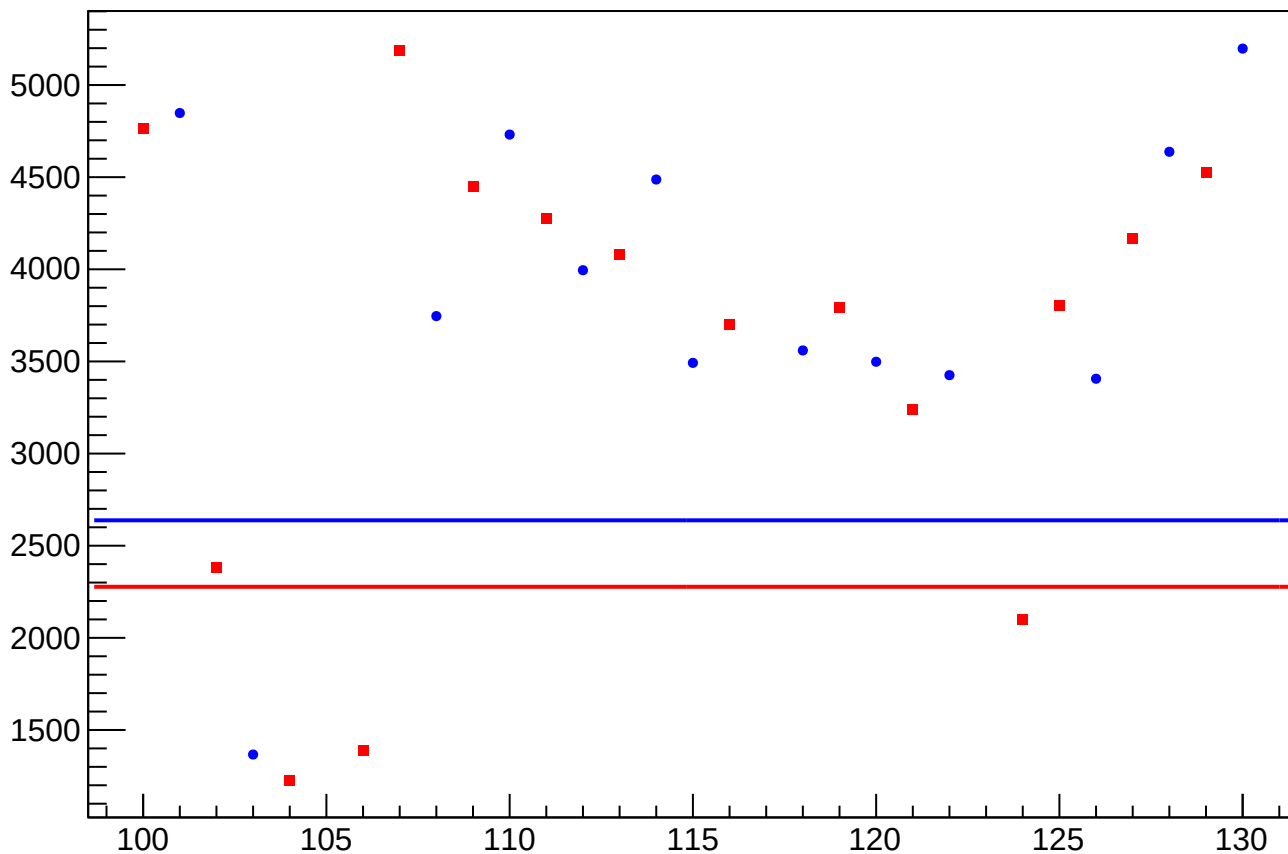
Right: -567.369+/-831.874 χ^2/NDF : 26.3/27

In: -169.069+/-1268.776 χ^2/NDF : 11.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -567.369+/-831.874 χ^2/NDF : 26.3/27

asym_atl_avg_atr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2637.800+/-0.897 χ^2/NDF : 2317766.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2277.129+/-0.779 χ^2/NDF : 2591062.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

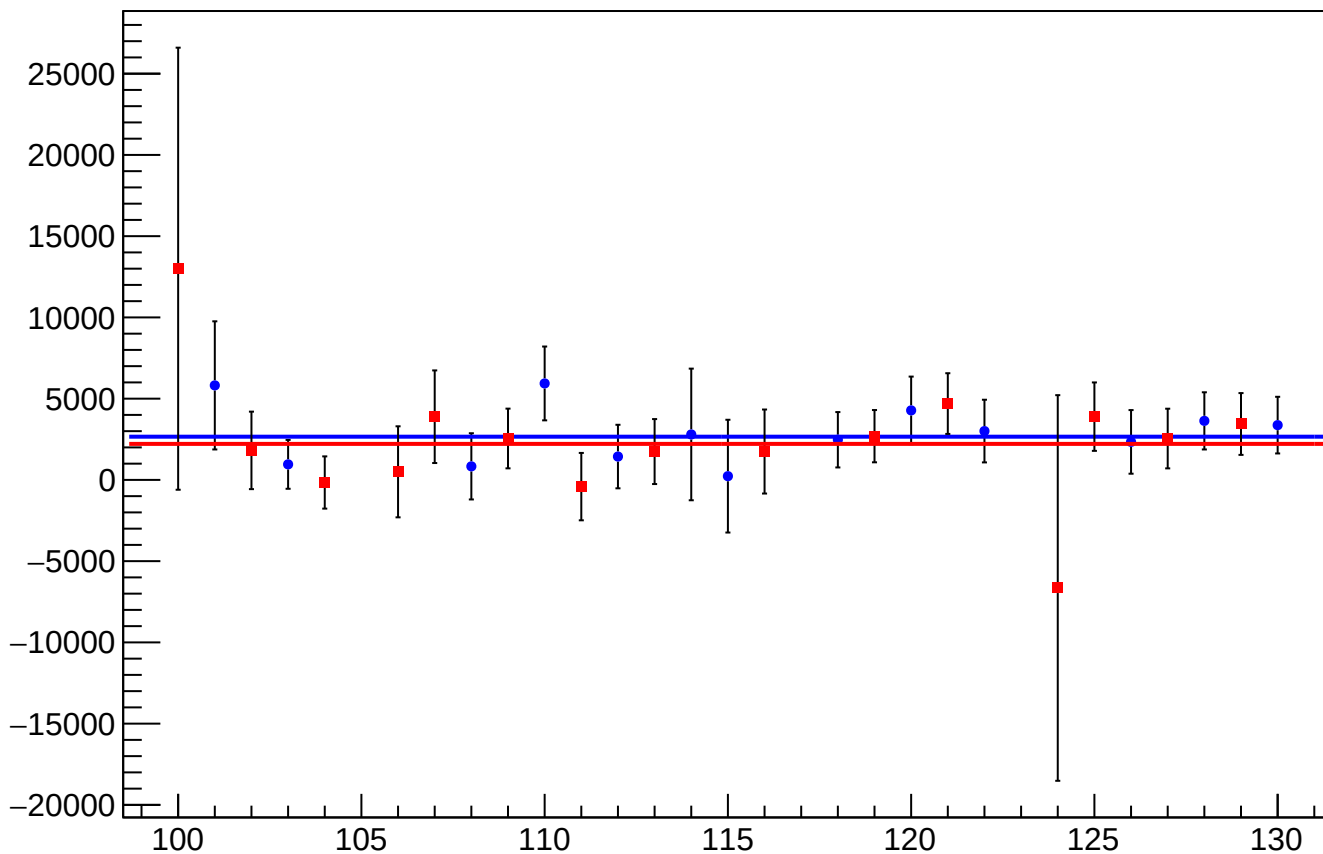
Right: 2432.174+/-0.588 χ^2/NDF : 5000969.0/27

In: 2637.800+/-0.897 χ^2/NDF : 2317766.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2432.174+/-0.588 χ^2/NDF : 5000969.0/27

cor_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2659.545 $\pm$ 567.541 χ^2 /NDF: 6.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2216.244 $\pm$ 556.723 χ^2 /NDF: 8.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

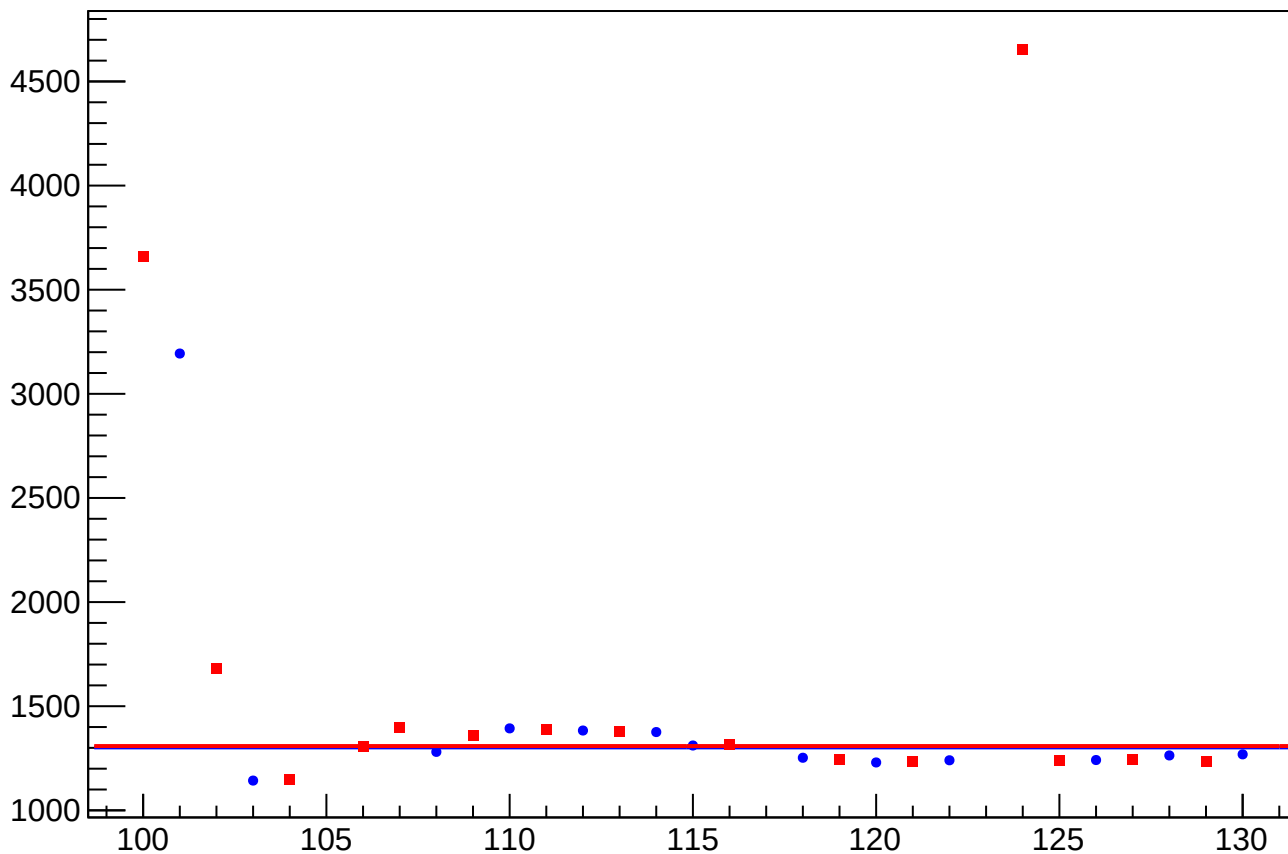
Right: 2433.629 $\pm$ 397.432 χ^2 /NDF: 15.9/27

In: 2659.545 $\pm$ 567.541 χ^2 /NDF: 6.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2433.629 $\pm$ 397.432 χ^2 /NDF: 15.9/27

cor_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1302.352+/-0.401 χ^2/NDF : 499876.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1308.644+/-0.393 χ^2/NDF : 310003.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

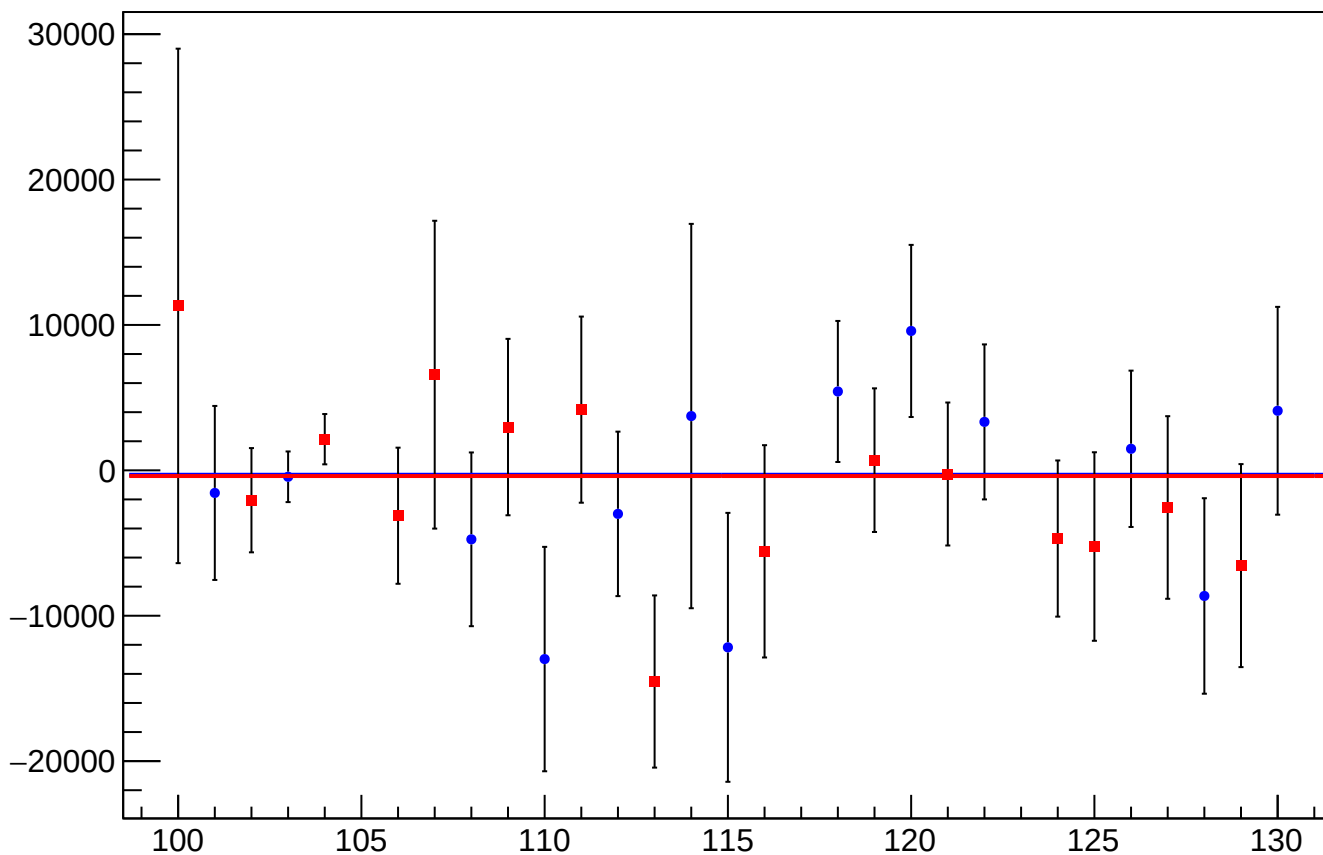
Right: 1305.566+/-0.281 χ^2/NDF : 810006.0/27

In: 1302.352+/-0.401 χ^2/NDF : 499876.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1305.566+/-0.281 χ^2/NDF : 810006.0/27

asym_atl_avg_atr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -305.229+/-1256.248 χ^2/NDF : 11.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -391.725+/-1150.649 χ^2/NDF : 12.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

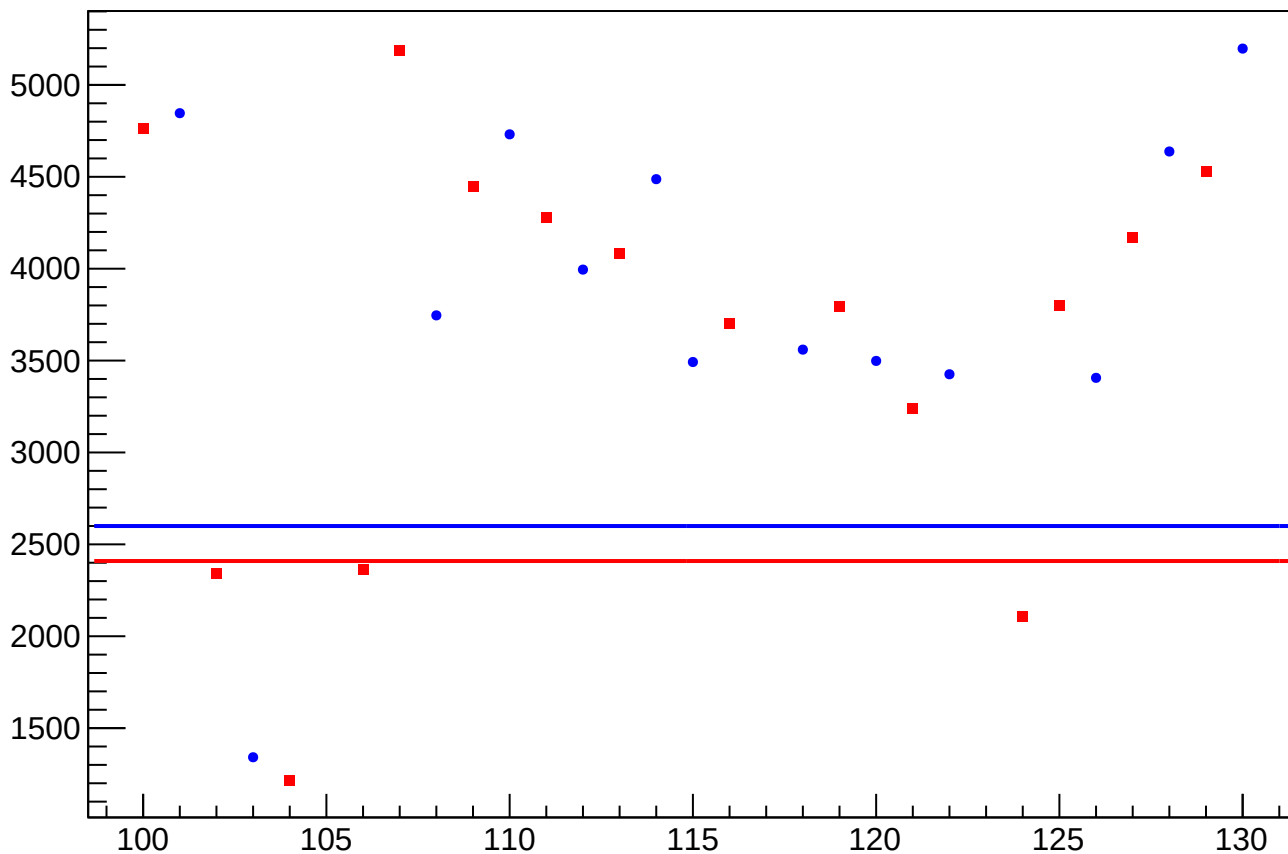
Right: -352.265+/-848.512 χ^2/NDF : 24.7/27

In: -305.229+/-1256.248 χ^2/NDF :11.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -352.265+/-848.512 χ^2/NDF : 24.7/27

asym_atl_avg_atr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2599.709+/-0.888 χ^2/NDF : 2398619.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2409.334+/-0.814 χ^2/NDF : 2399821.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

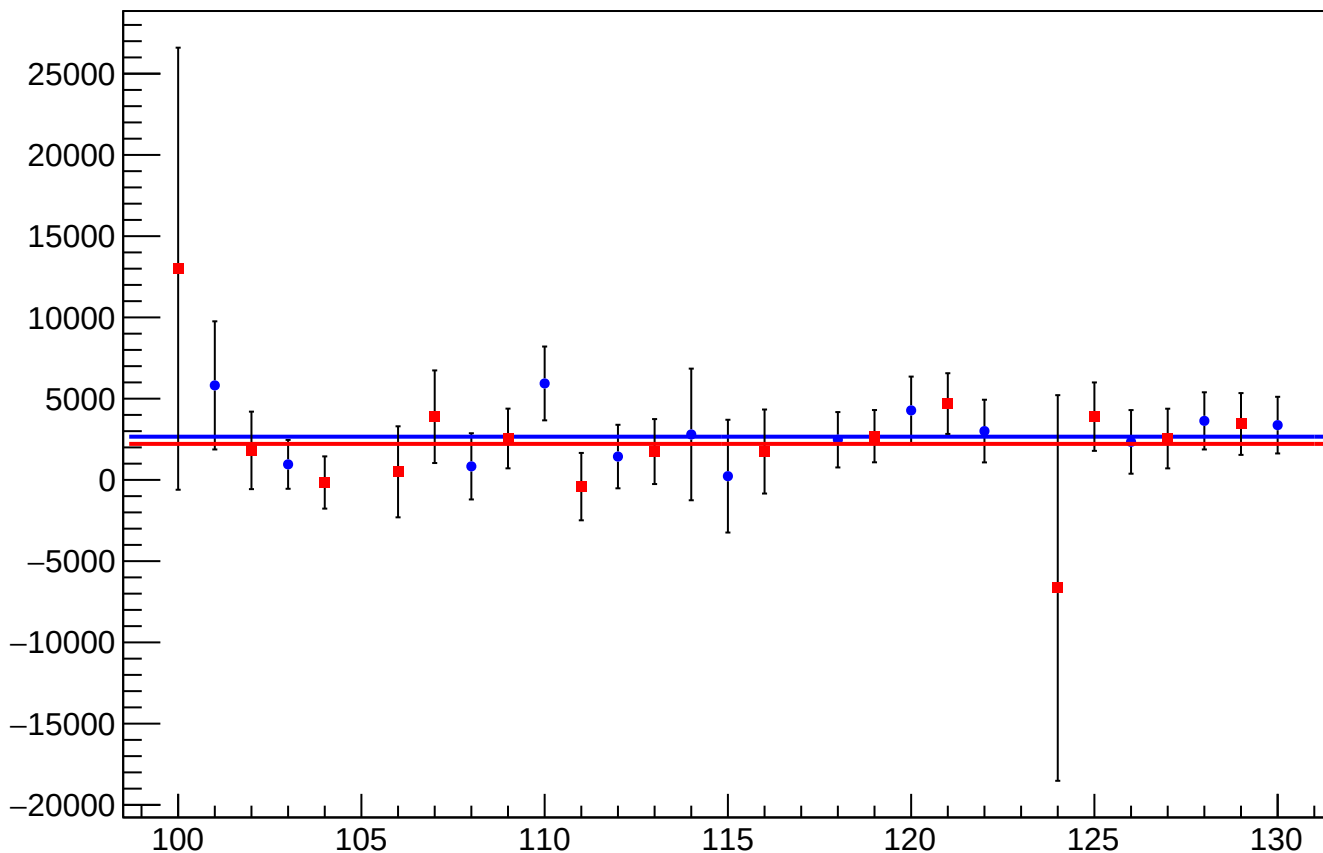
Right: 2496.185+/-0.600 χ^2/NDF : 4823416.8/27

In: 2599.709+/-0.888 χ^2/NDF : 2398619.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2496.185+/-0.600 χ^2/NDF : 4823416.8/27

eigen_cor_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2659.545 $\pm$ 567.541 χ^2 /NDF: 6.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2216.244 $\pm$ 556.723 χ^2 /NDF: 8.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

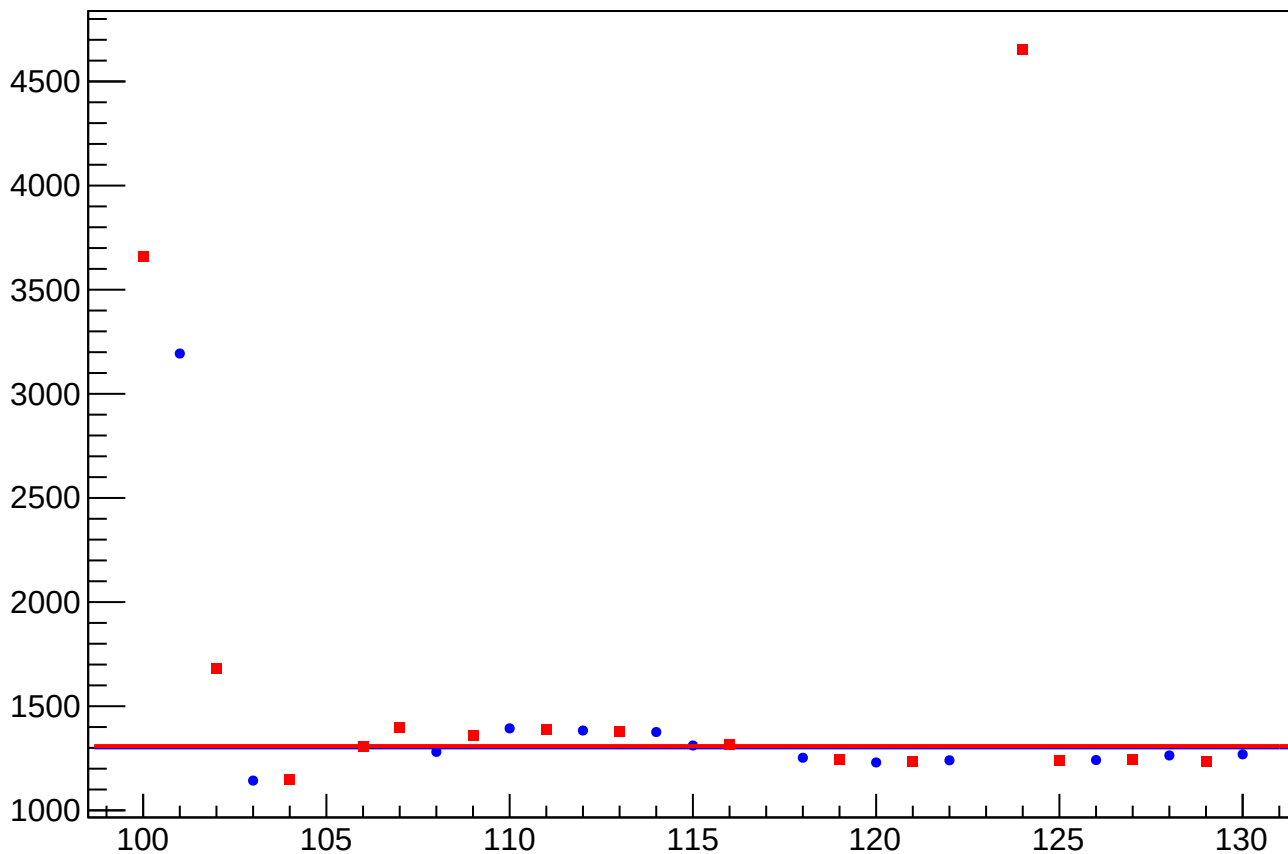
Right: 2433.629 $\pm$ 397.432 χ^2 /NDF: 15.9/27

In: 2659.545 $\pm$ 567.541 χ^2 /NDF: 6.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2433.629 $\pm$ 397.432 χ^2 /NDF: 15.9/27

eigen_cor_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1302.352+/-0.401 χ^2/NDF : 499876.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1308.644+/-0.393 χ^2/NDF : 310003.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

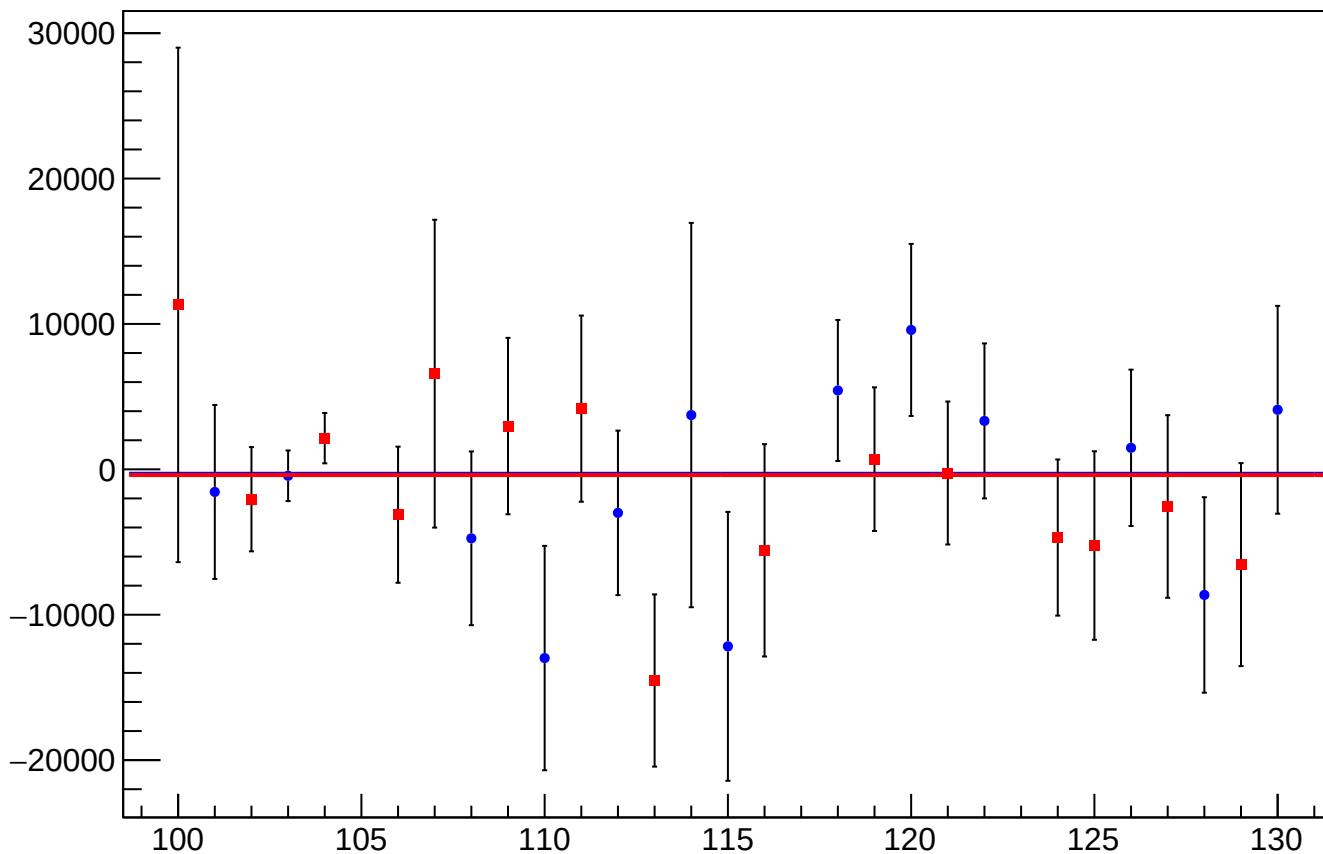
Right: 1305.566+/-0.281 χ^2/NDF : 810006.0/27

In: 1302.352+/-0.401 χ^2/NDF : 499876.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1305.566+/-0.281 χ^2/NDF : 810006.0/27

asym_atl_avg_atr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -305.229+/-1256.248 χ^2/NDF : 11.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -391.725+/-1150.649 χ^2/NDF : 12.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

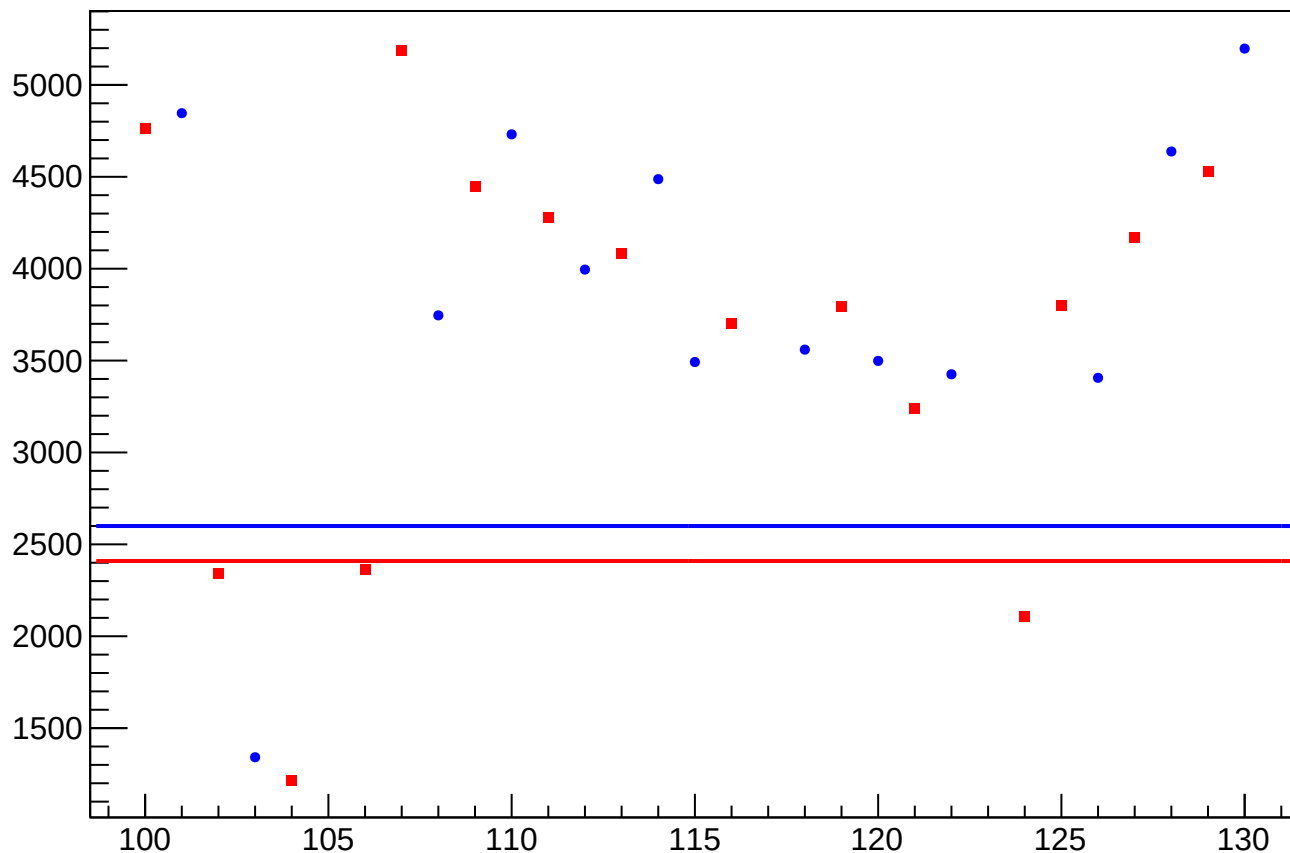
Right: -352.265+/-848.512 χ^2/NDF : 24.7/27

In: -305.229+/-1256.248 χ^2/NDF :11.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -352.265+/-848.512 χ^2/NDF : 24.7/27

asym_atl_avg_atr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2599.709+/-0.888 χ^2/NDF : 2398619.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2409.334+/-0.814 χ^2/NDF : 2399821.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

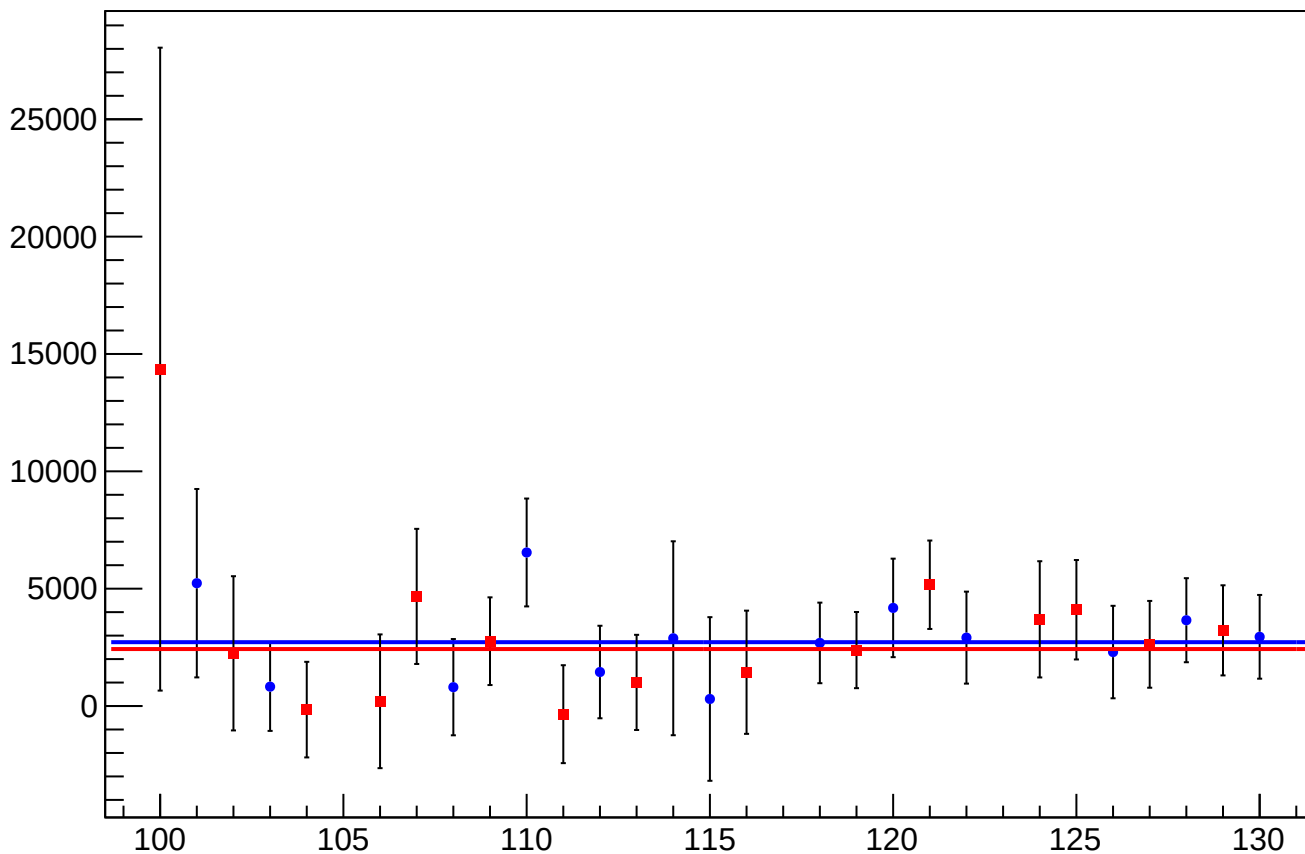
Right: 2496.185+/-0.600 χ^2/NDF : 4823416.8/27

In: 2599.709+/-0.888 χ^2/NDF : 2398619.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2496.185+/-0.600 χ^2/NDF : 4823416.8/27

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2720.389+/-589.336 χ^2/NDF : 6.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2427.616+/-568.083 χ^2/NDF : 9.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

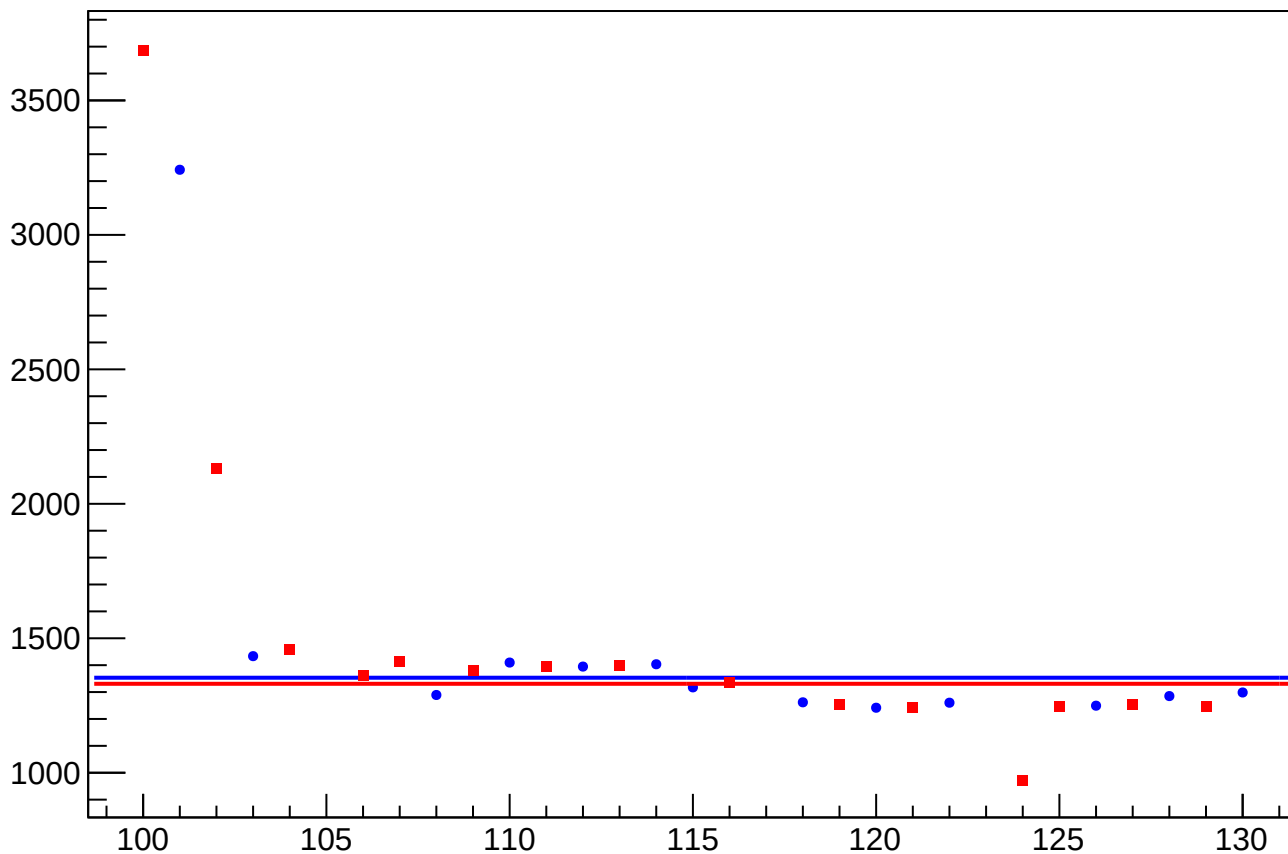
Right: 2568.628+/-409.003 χ^2/NDF : 16.1/27

In: 2720.389+/-589.336 χ^2/NDF : 6.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2568.628+/-409.003 χ^2/NDF : 16.1/27

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1353.342+/-0.417 χ^2/NDF : 477253.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1330.753+/-0.401 χ^2/NDF : 254569.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

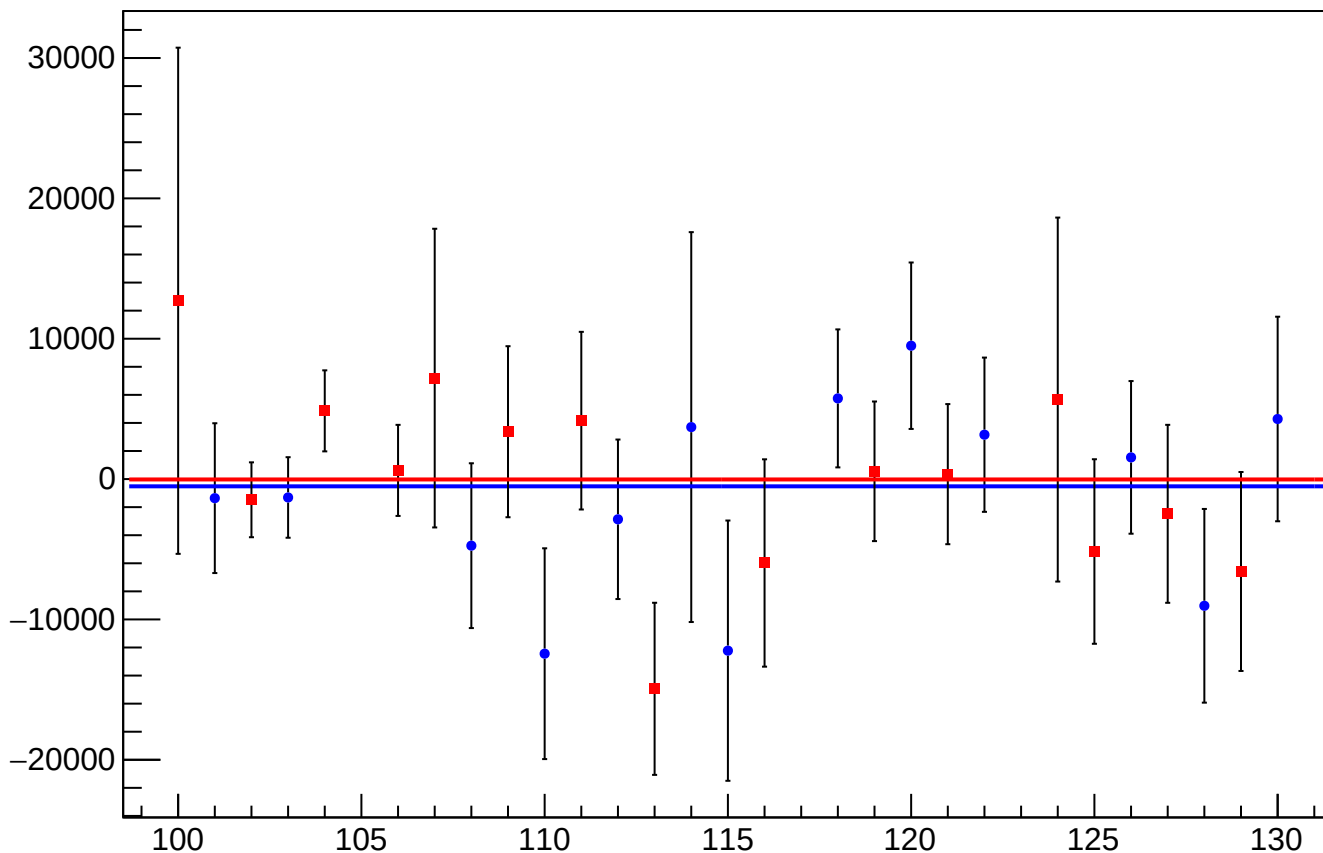
Right: 1341.624+/-0.289 χ^2/NDF : 733346.8/27

In: 1353.342+/-0.417 χ^2/NDF : 477253.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1341.624+/-0.289 χ^2/NDF : 733346.8/27

asym_atl_avg_atr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -516.643+/-1529.094 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -27.024+/-1271.367 χ^2/NDF : 13.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

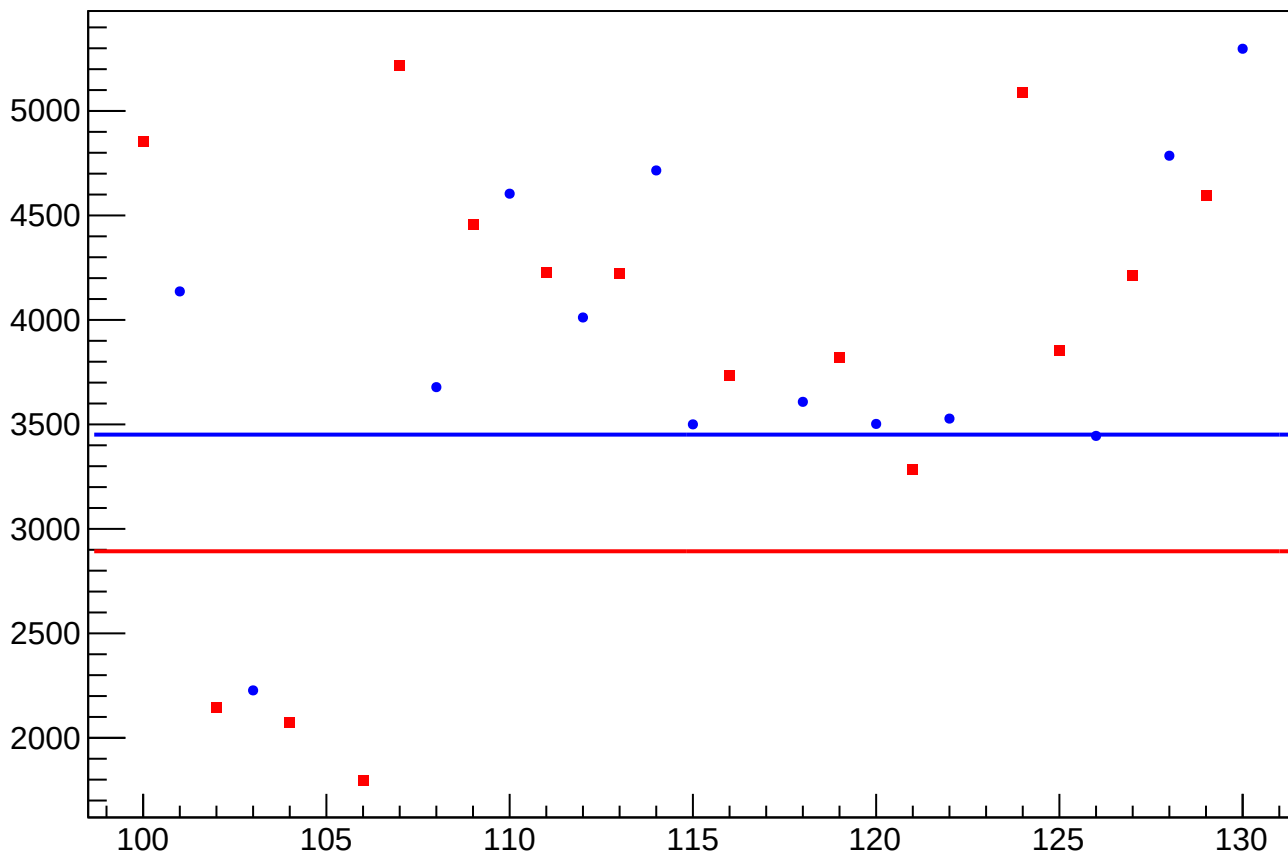
Right: -227.152+/-977.595 χ^2/NDF : 25.4/27

In: -516.643+/-1529.094 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -227.152+/-977.595 χ^2/NDF : 25.4/27

asym_atl_avg_atr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3451.144+/-1.081 χ^2/NDF : 688992.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2892.867+/-0.899 χ^2/NDF : 1391432.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

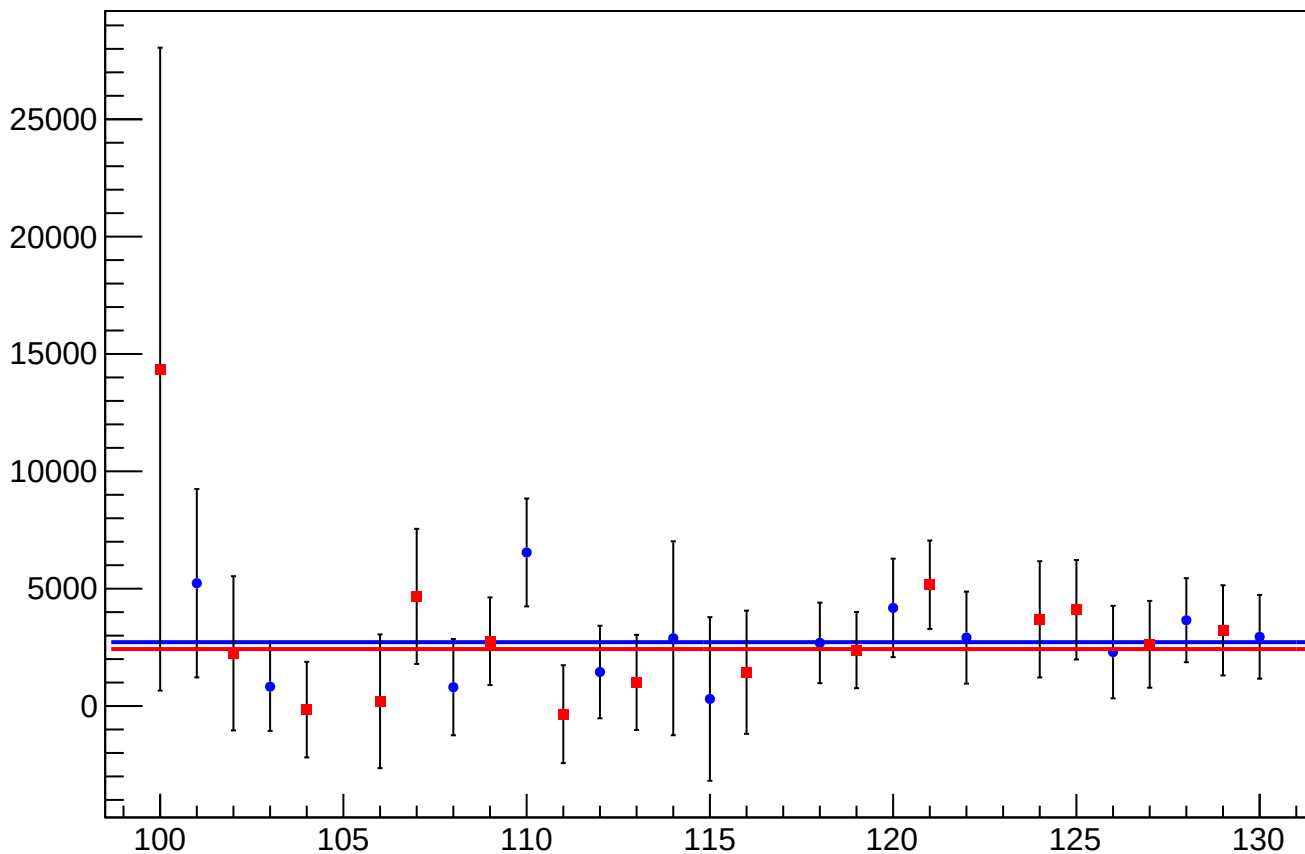
Right: 3121.058+/-0.691 χ^2/NDF : 2238054.0/27

In: 3451.144+/-1.081 χ^2/NDF : 688992.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3121.058+/-0.691 χ^2/NDF : 2238054.0/27

eigen_dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2720.389+/-589.336 χ^2/NDF : 6.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2427.621+/-568.083 χ^2/NDF : 9.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

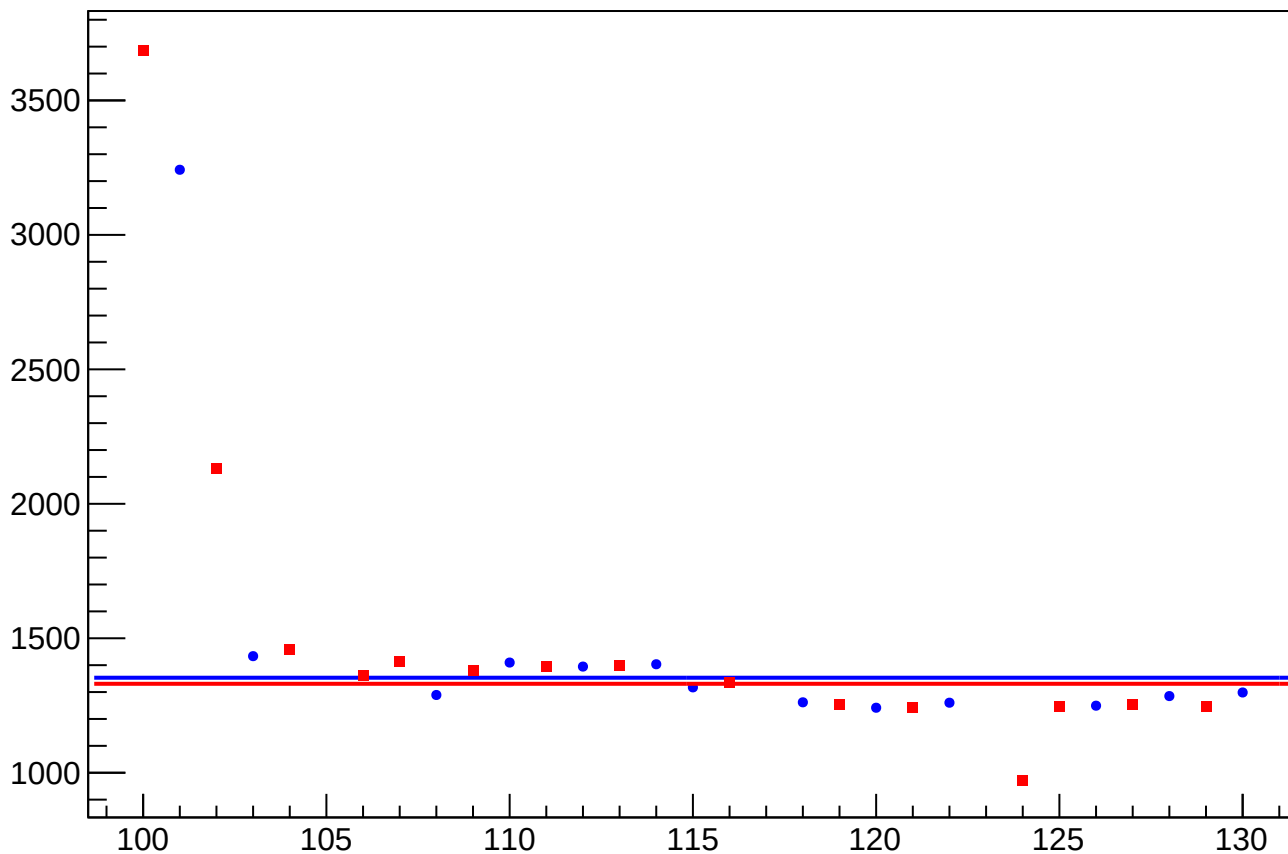
Right: 2568.631+/-409.002 χ^2/NDF : 16.1/27

In: 2720.389+/-589.336 χ^2/NDF : 6.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2568.631+/-409.002 χ^2/NDF : 16.1/27

eigen_dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1353.341+/-0.417 χ^2/NDF : 477253.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1330.752+/-0.401 χ^2/NDF : 254568.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

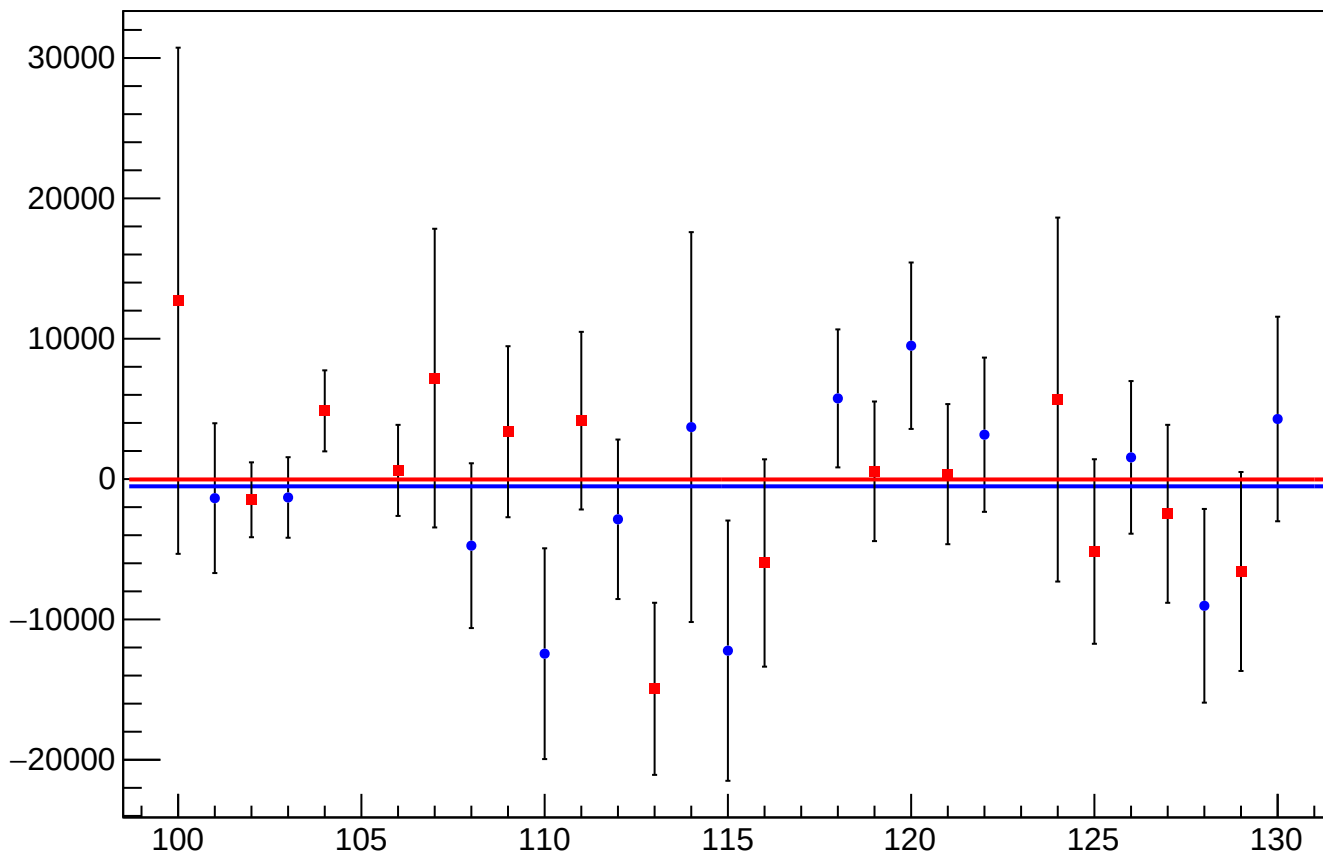
Right: 1341.623+/-0.289 χ^2/NDF : 733346.1/27

In: 1353.341+/-0.417 χ^2/NDF : 477253.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1341.623+/-0.289 χ^2/NDF : 733346.1/27

asym_atl_avg_atr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -516.638+/-1529.089 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -27.022+/-1271.363 χ^2/NDF : 13.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

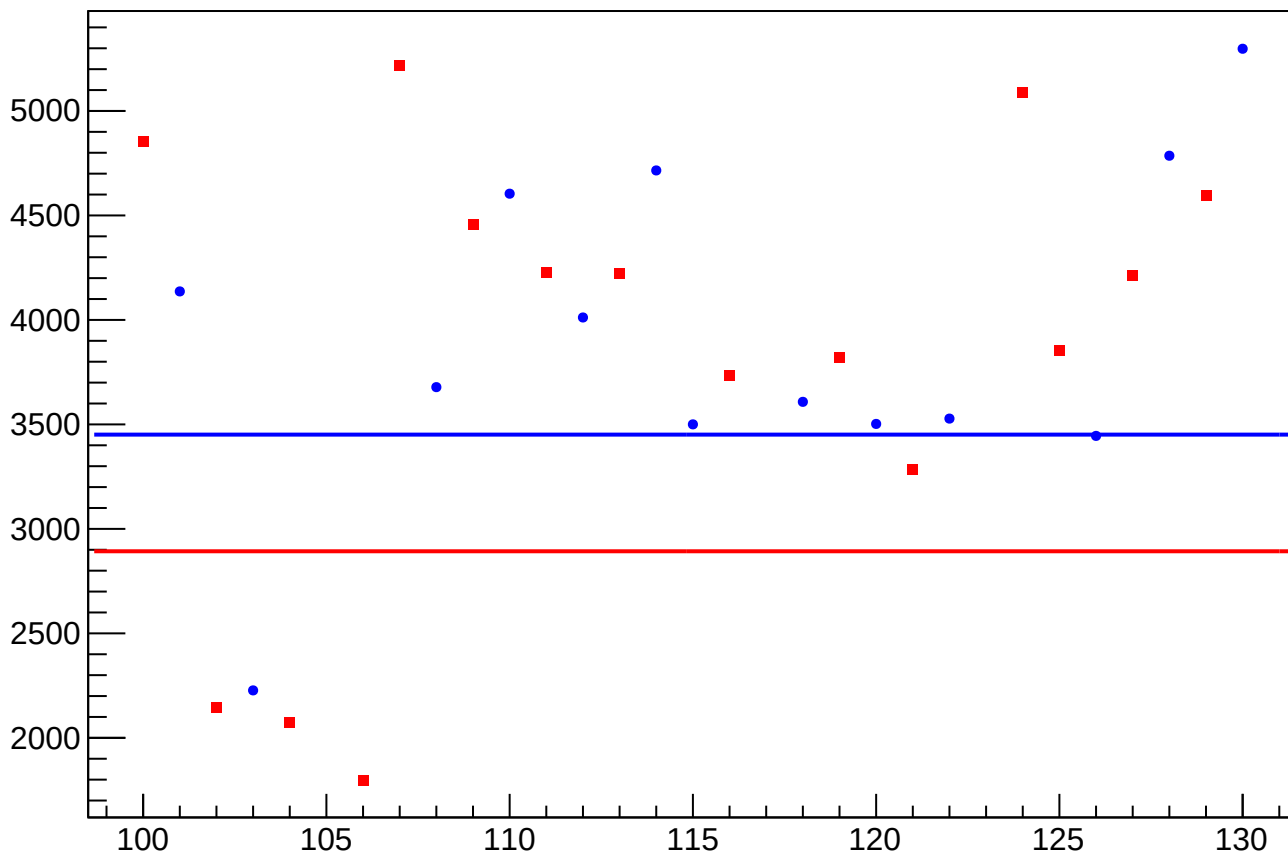
Right: -227.149+/-977.593 χ^2/NDF : 25.4/27

In: -516.638+/-1529.089 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -227.149+/-977.593 χ^2/NDF : 25.4/27

asym_atl_avg_atr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3451.134+/-1.081 χ^2/NDF : 688990.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2892.859+/-0.899 χ^2/NDF : 1391432.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

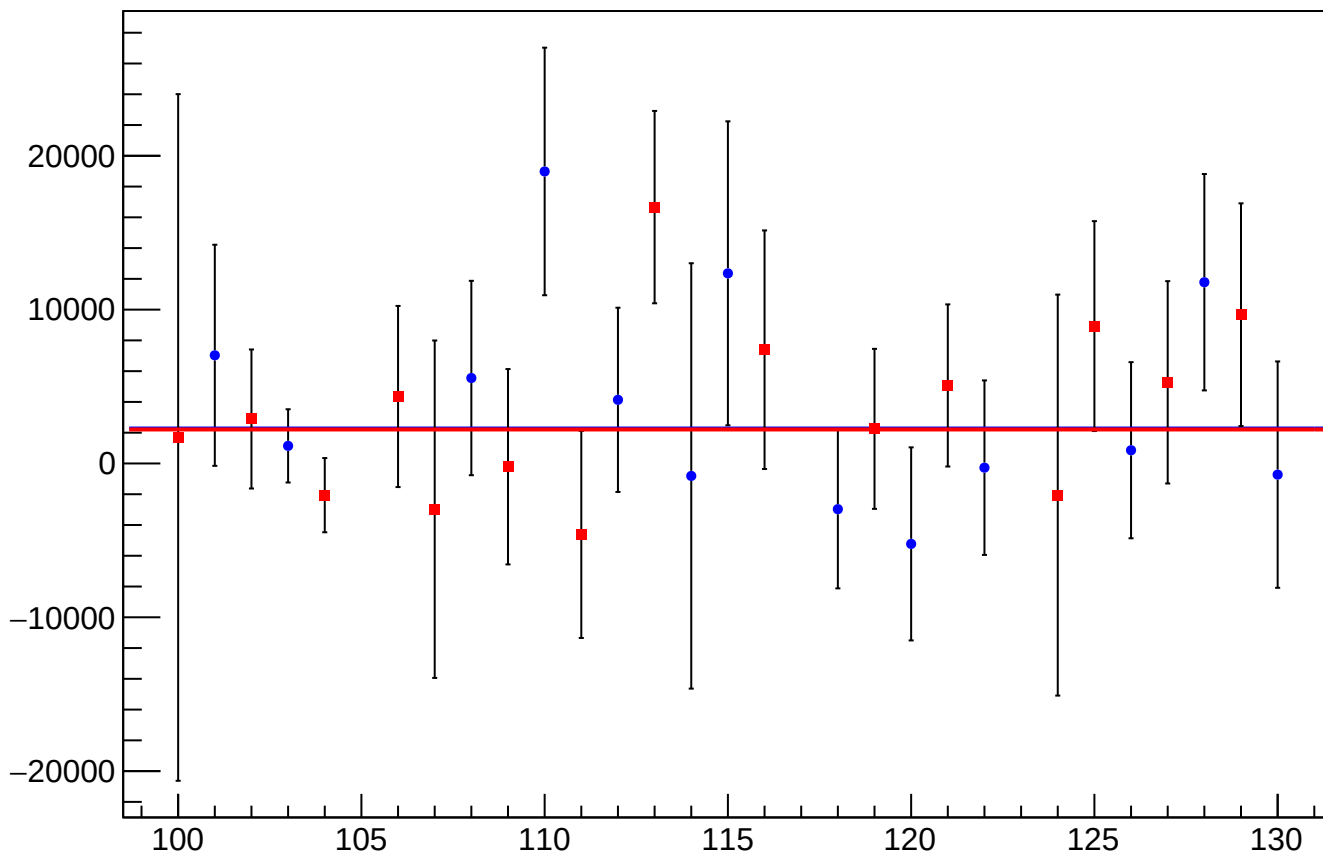
Right: 3121.049+/-0.691 χ^2/NDF : 2238052.1/27

In: 3451.134+/-1.081 χ^2/NDF : 688990.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3121.049+/-0.691 χ^2/NDF : 2238052.1/27

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2269.792+/-1502.506 χ^2/NDF : 11.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2208.822+/-1426.309 χ^2/NDF : 13.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

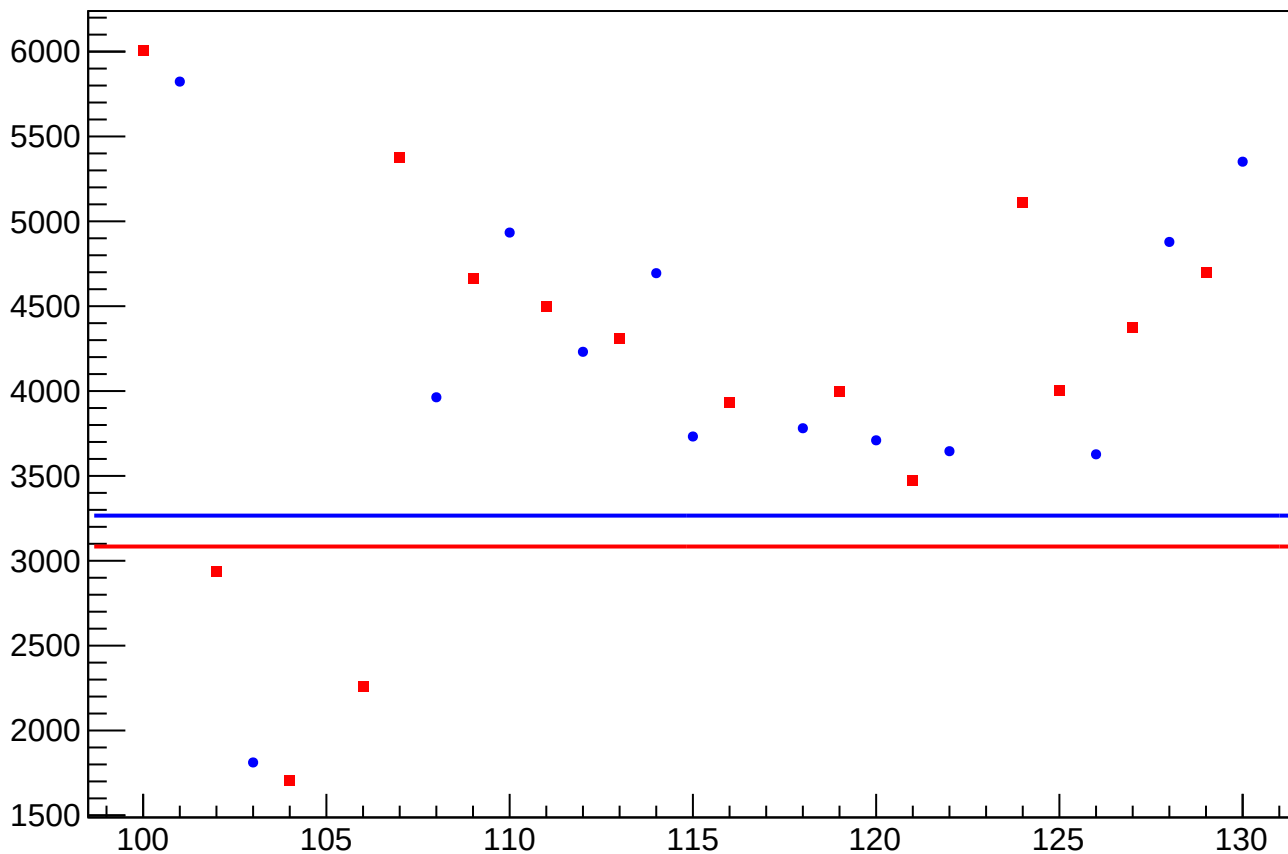
Right: 2237.722+/-1034.441 χ^2/NDF : 24.3/27

In: 2269.792+/-1502.506 χ^2/NDF : 11.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2237.722+/-1034.441 χ^2/NDF : 24.3/27

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3266.117+/-1.062 χ^2/NDF : 1499965.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3083.985+/-0.993 χ^2/NDF : 1483526.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

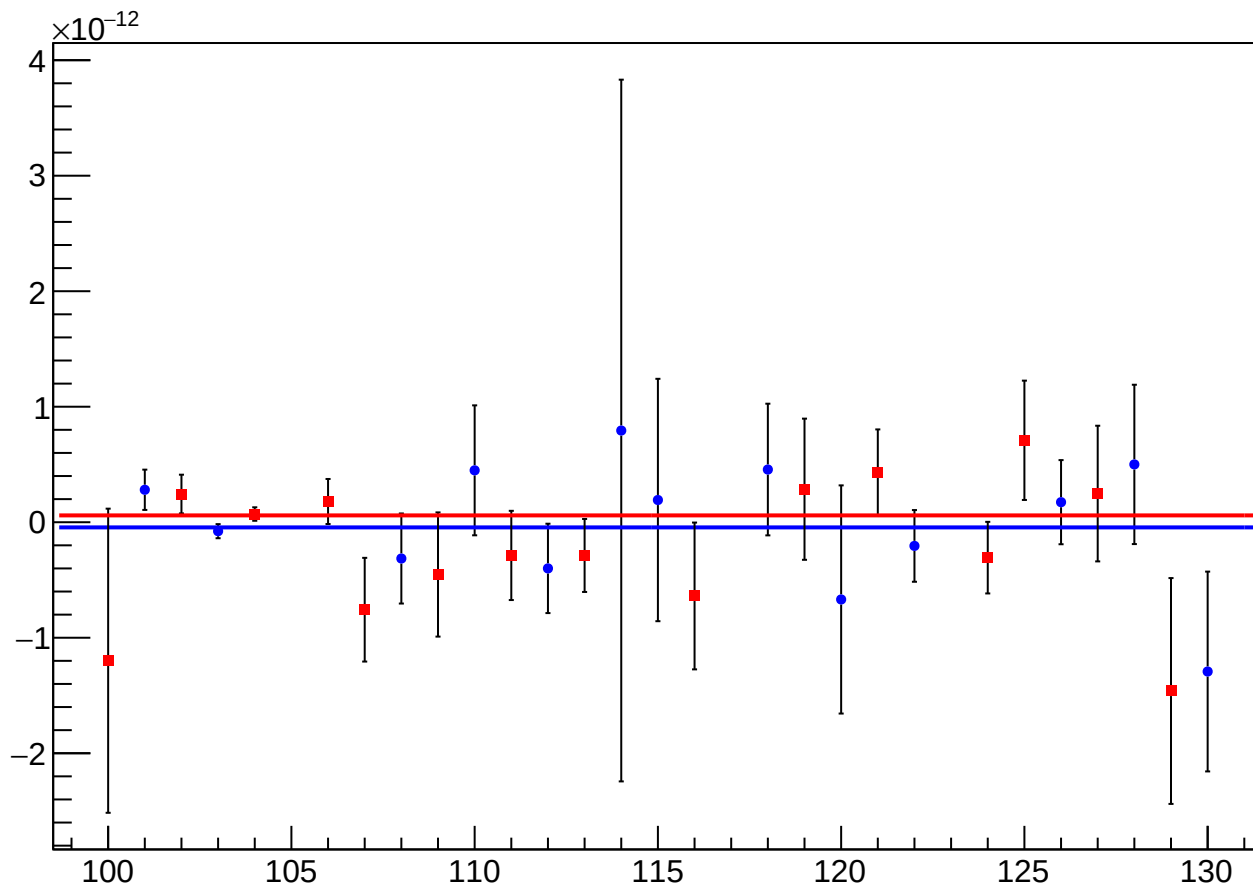
Right: 3168.898+/-0.725 χ^2/NDF : 2999179.1/27

In: 3266.117+/-1.062 χ^2/NDF : 1499965.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3168.898+/-0.725 χ^2/NDF : 2999179.1/27

asym_atl_avg_atr_avg_avg_reg_vs_slug_sign_corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 10.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 16.6/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

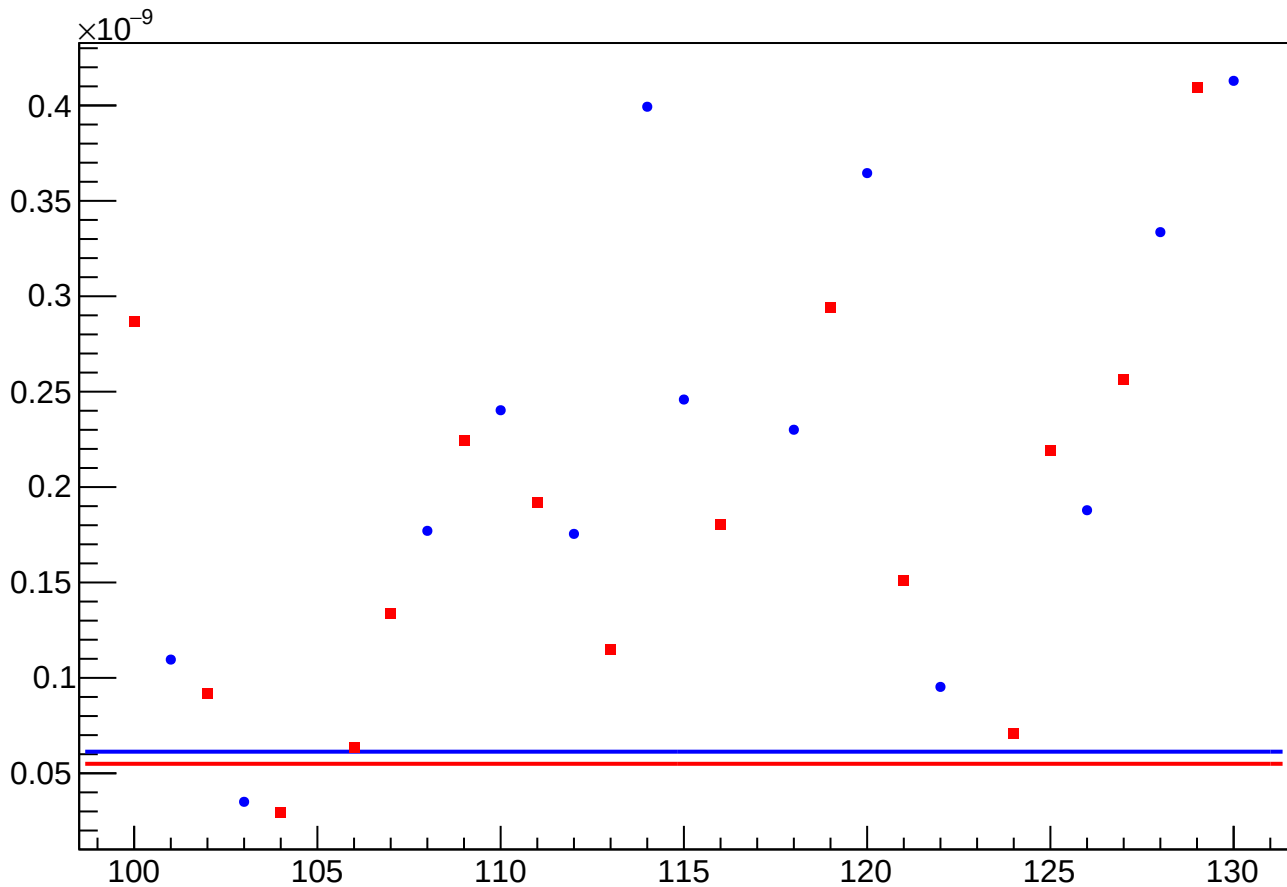
Right: 0.000 ± 0.000 χ^2/NDF : 29.1/27

In: -0.000 ± 0.000 χ^2/NDF : 10.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 29.1/27

asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2435021.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2354522.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

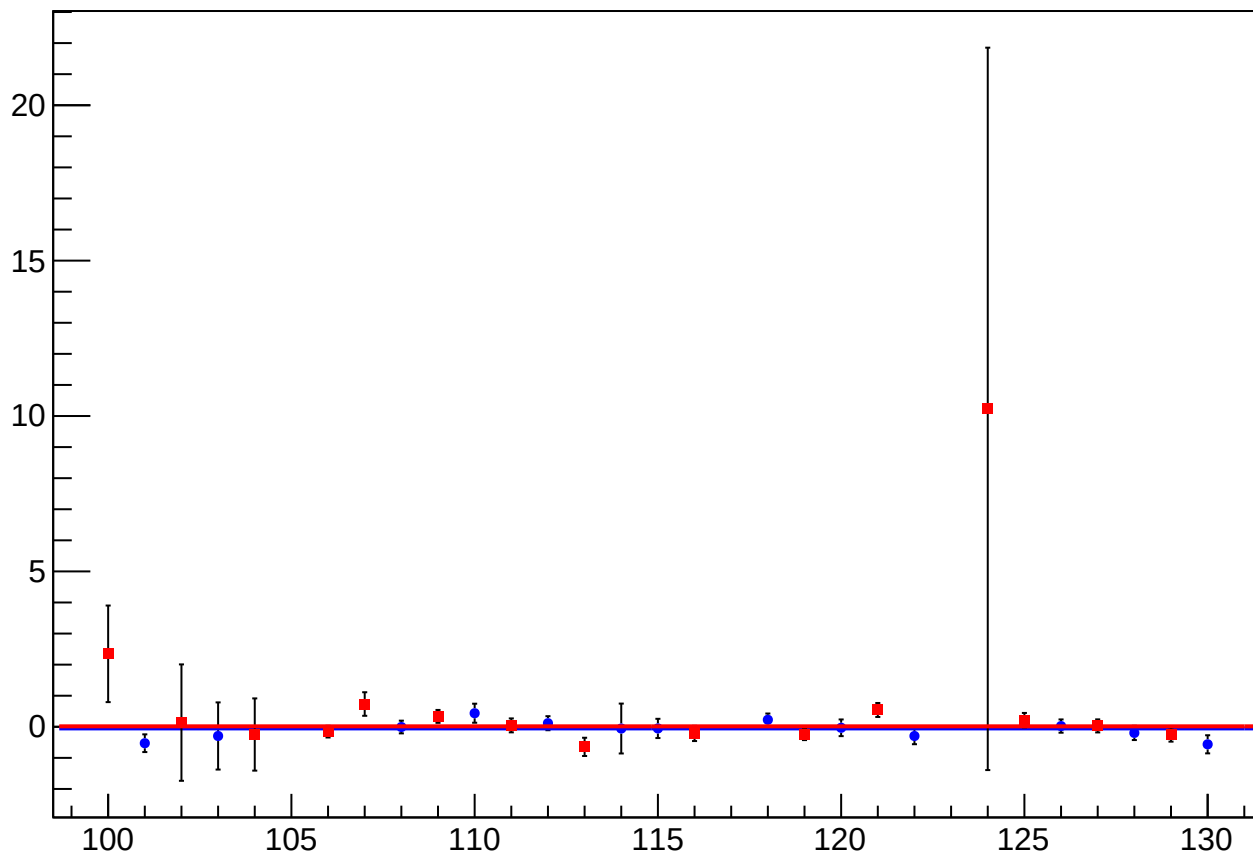
Right: 0.000+/-0.000 χ^2/NDF : 4804682.8/27

In: 0.000+/-0.000 χ^2/NDF : 2435021.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4804682.8/27

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.052 ± 0.074 χ^2/NDF : 12.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.015 ± 0.068 χ^2/NDF : 25.1/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

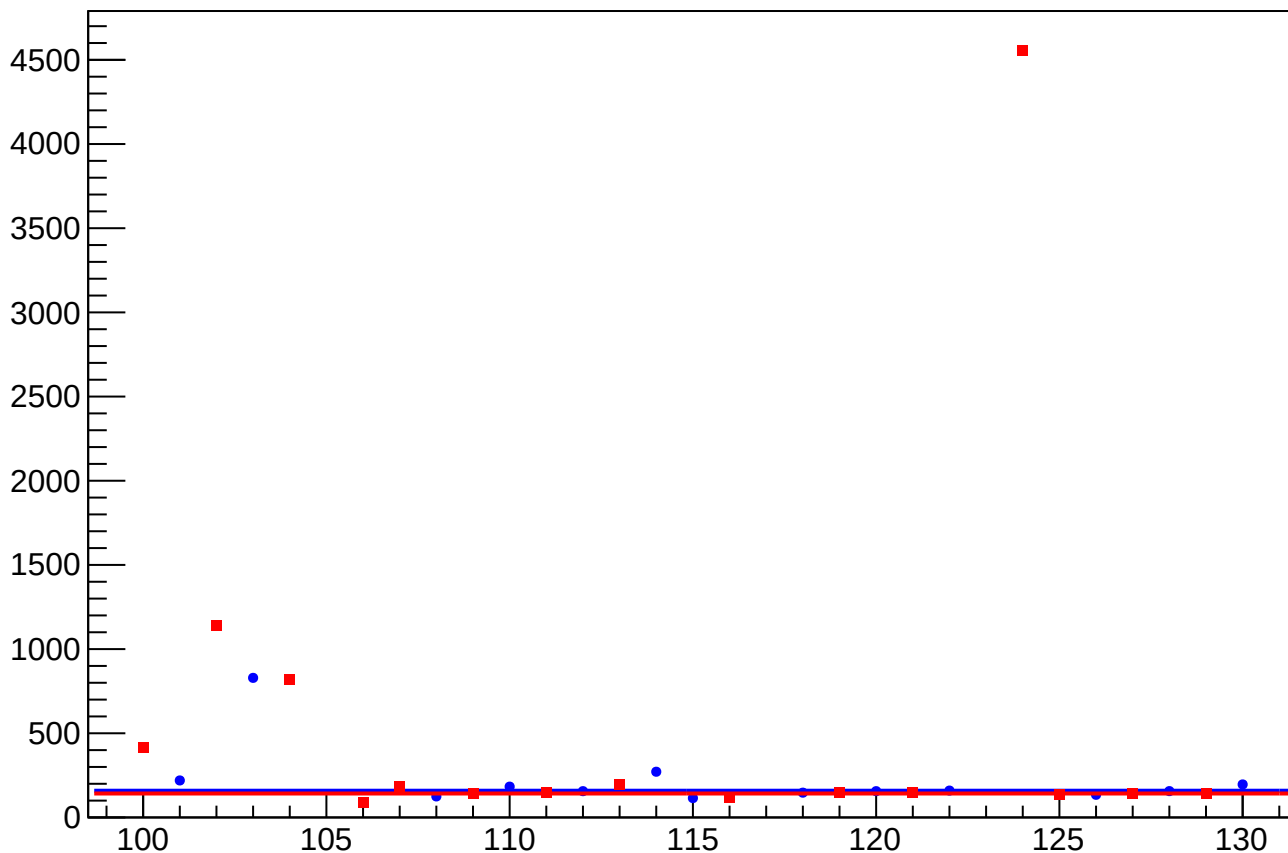
Right: -0.016 ± 0.050 χ^2/NDF : 37.9/27

In: -0.052 ± 0.074 χ^2/NDF : 12.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.016 ± 0.050 χ^2/NDF : 37.9/27

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 158.787+/-0.052 χ^2/NDF : 1074175.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.254+/-0.048 χ^2/NDF : 1873287.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

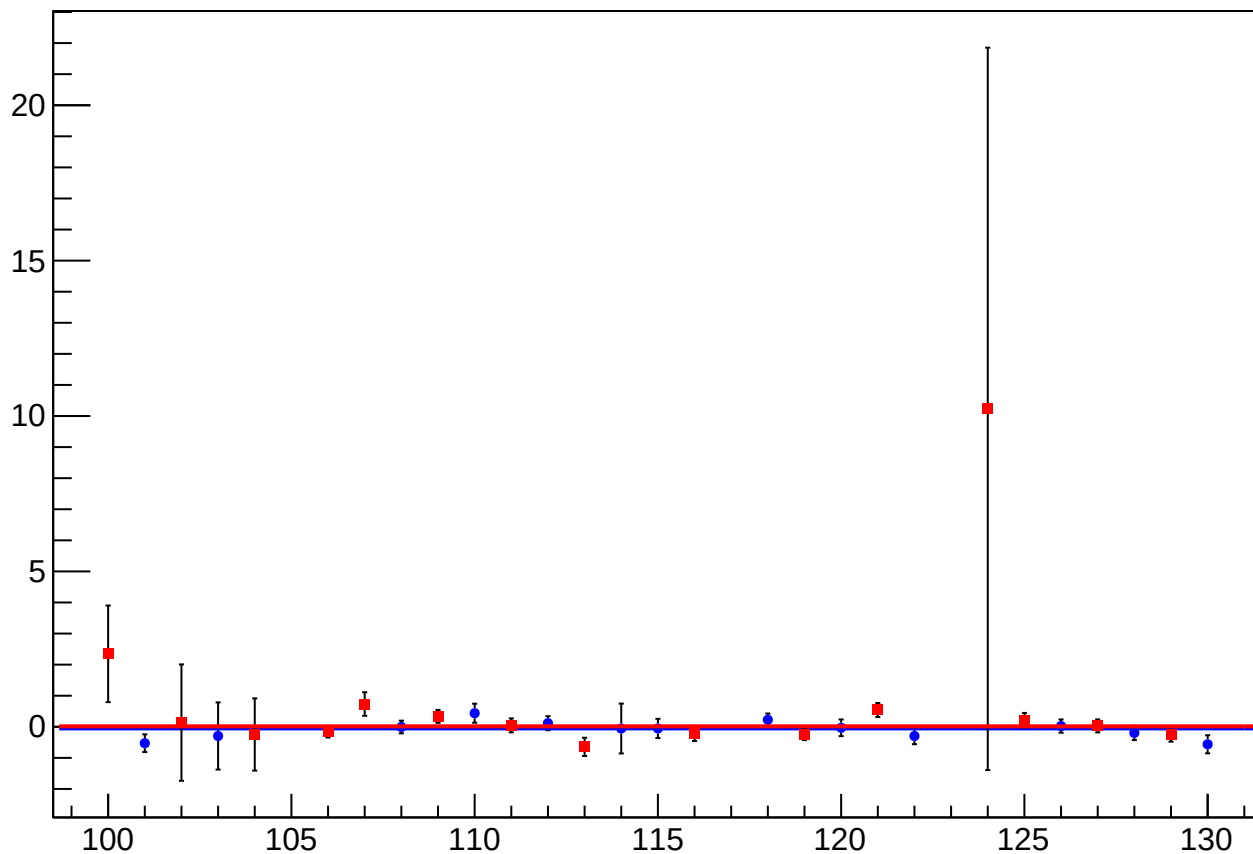
Right: 149.891+/-0.035 χ^2/NDF : 3001863.4/27

In: 158.787+/-0.052 χ^2/NDF : 1074175.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.891+/-0.035 χ^2/NDF : 3001863.4/27

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.052 ± 0.074 χ^2/NDF : 12.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.015 ± 0.068 χ^2/NDF : 25.1/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

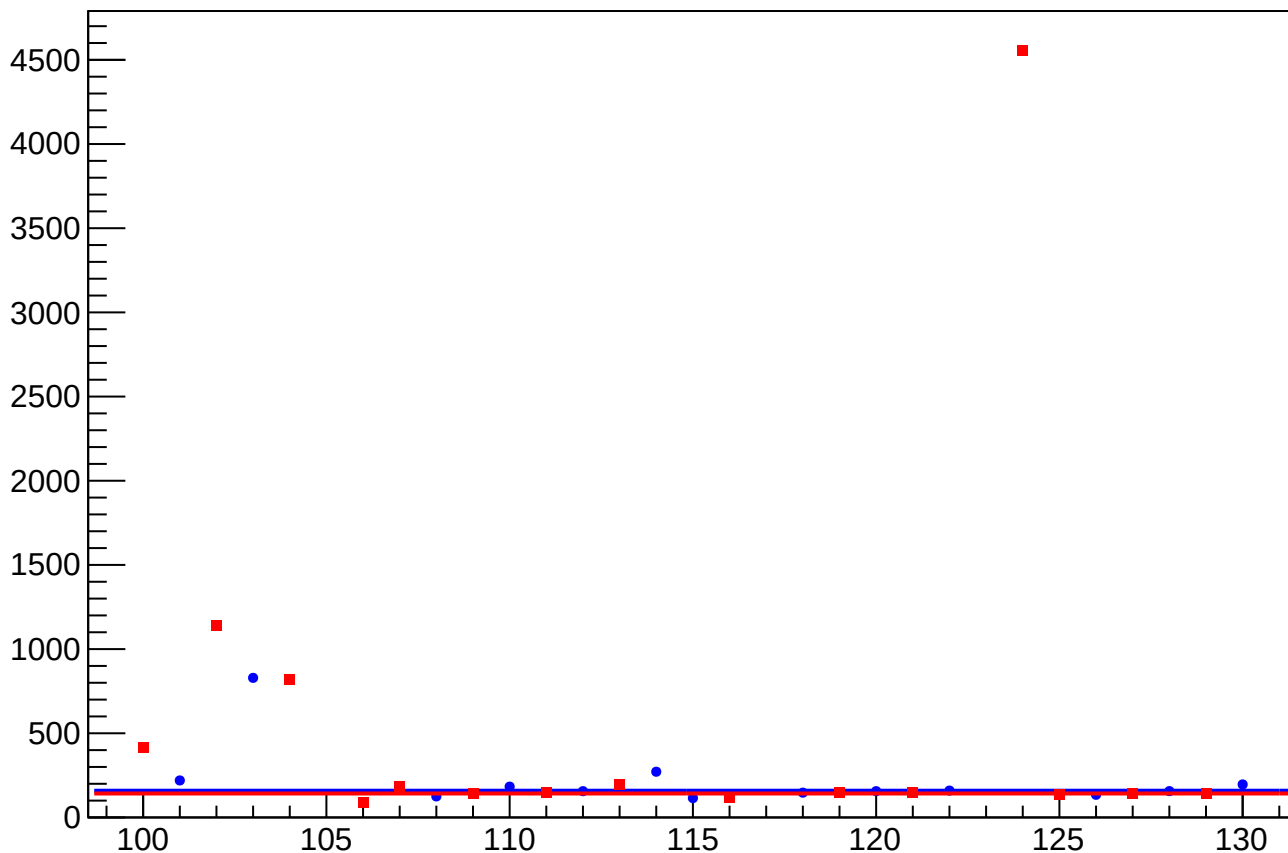
Right: -0.016 ± 0.050 χ^2/NDF : 37.9/27

In: -0.052 ± 0.074 χ^2/NDF : 12.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.016 ± 0.050 χ^2/NDF : 37.9/27

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 158.787+/-0.052 χ^2/NDF : 1074175.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.254+/-0.048 χ^2/NDF : 1873287.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

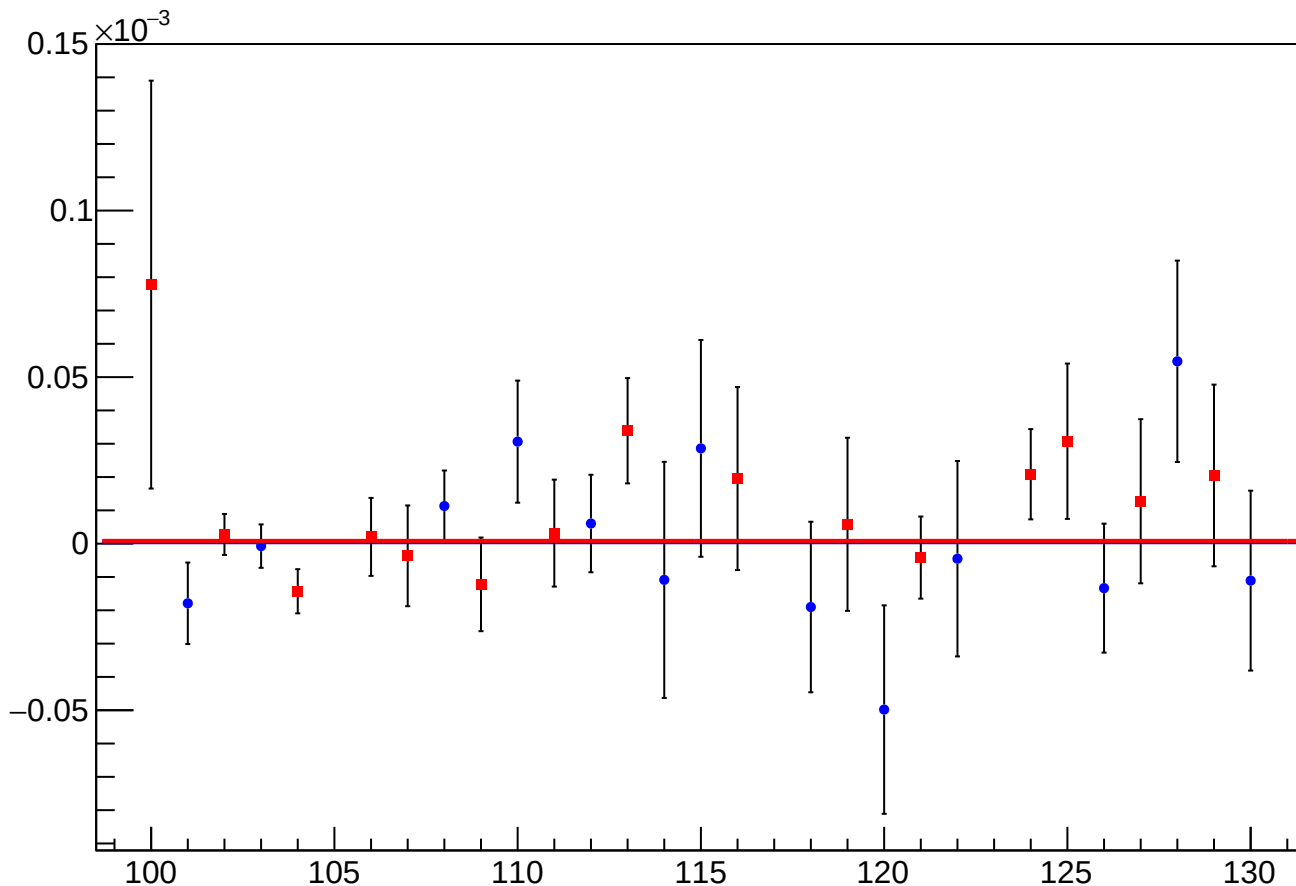
Right: 149.891+/-0.035 χ^2/NDF : 3001863.4/27

In: 158.787+/-0.052 χ^2/NDF : 1074175.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.891+/-0.035 χ^2/NDF : 3001863.4/27

asym_atl_avg_atr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

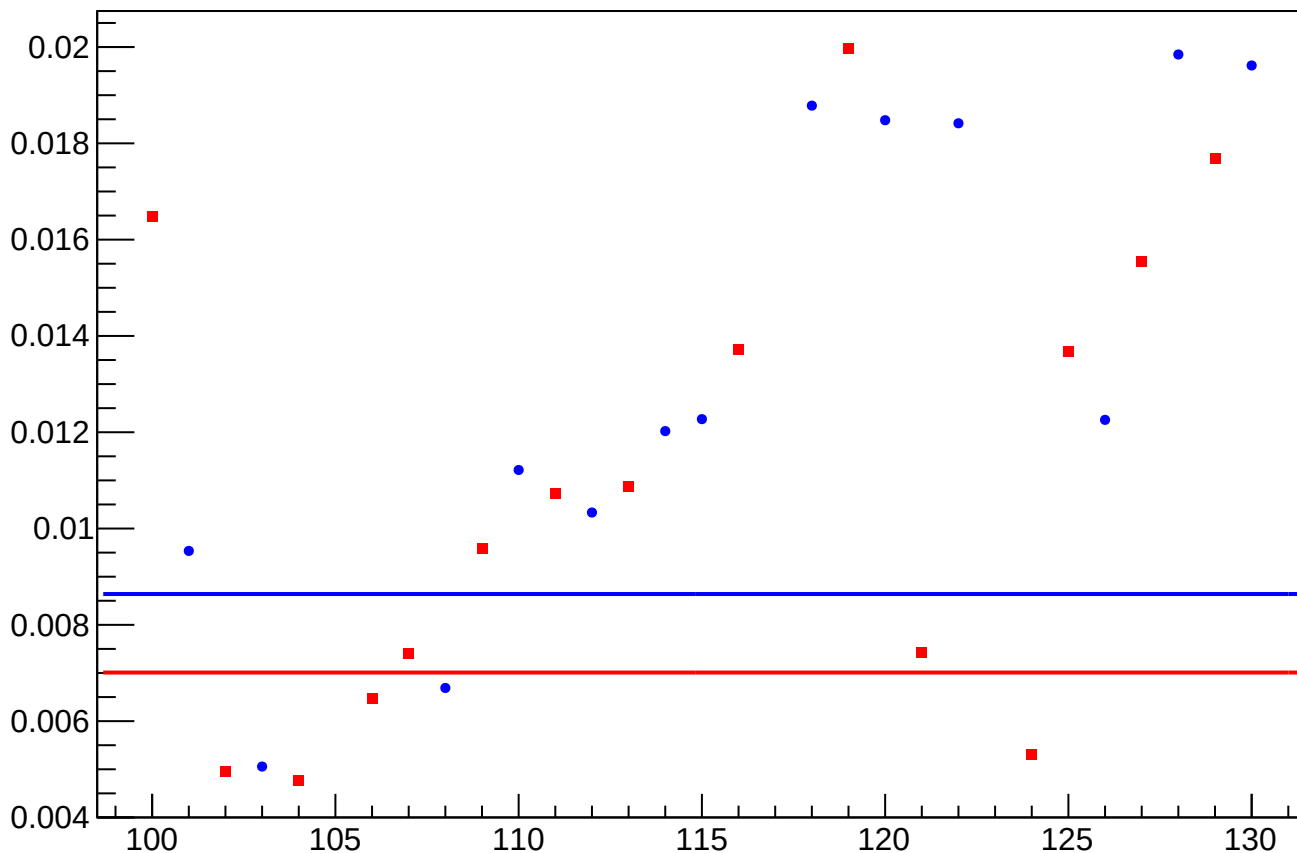
Right: 0.000+/-0.000 χ^2/NDF : 31.6/27

In: 0.000+/-0.000 χ^2/NDF : 14.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 31.6/27

asym_atl_avg_atr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000

χ^2/NDF : 2201081.9/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000

χ^2/NDF : 2162571.7/14

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.008+/-0.000

χ^2/NDF : 4552688.8/27

In: 0.009+/-0.000

χ^2/NDF : 2201081.9/12

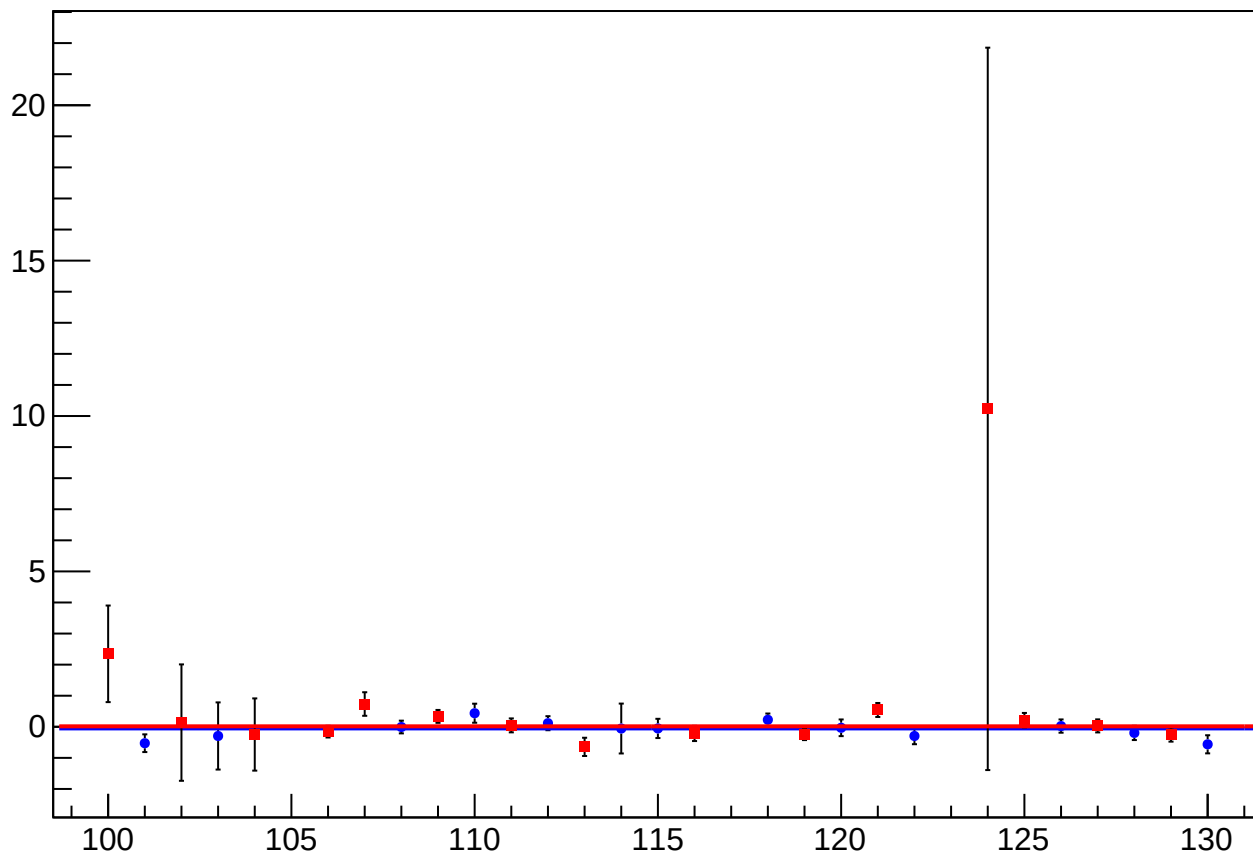
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.008+/-0.000

χ^2/NDF : 4552688.8/27

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.052+/-0.074 χ^2 /NDF: 12.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.015+/-0.068 χ^2 /NDF: 25.1/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

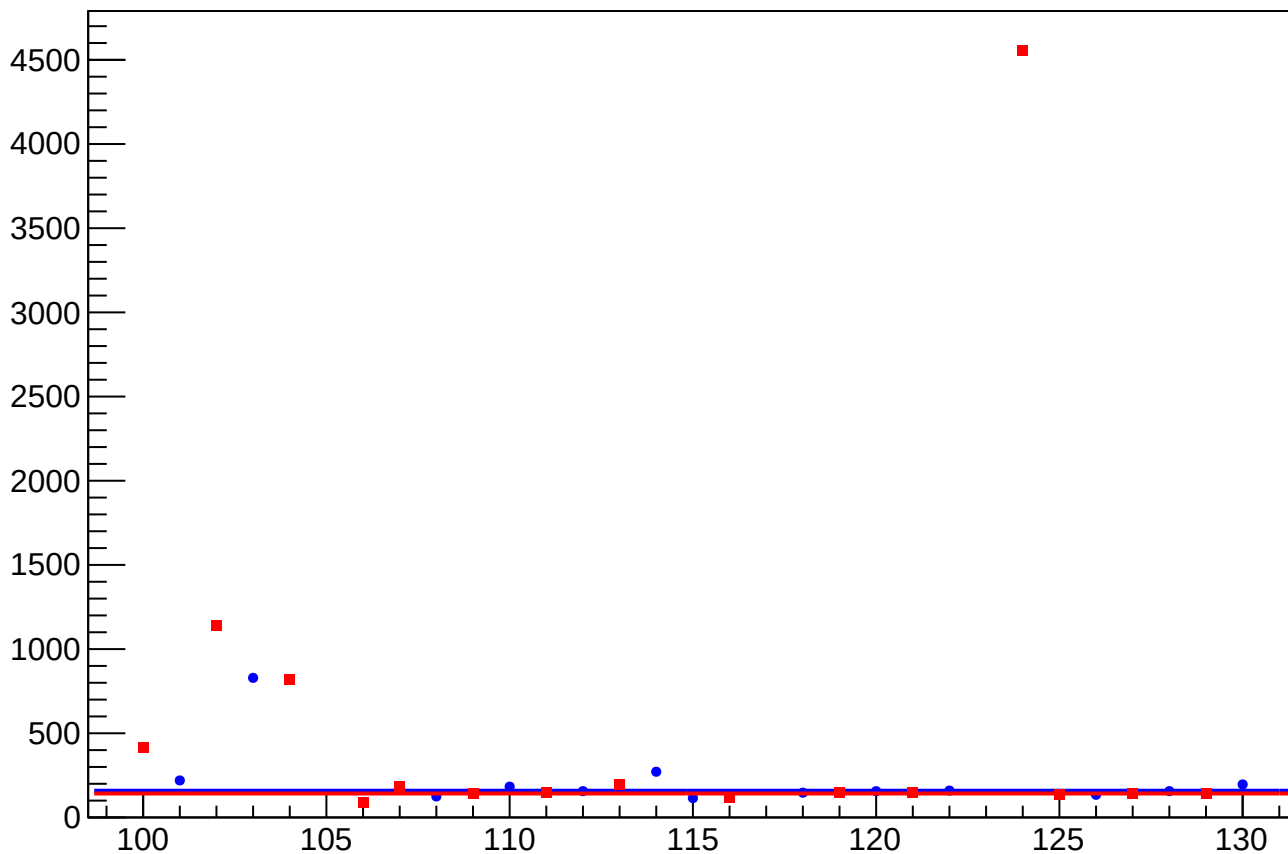
Right: -0.016+/-0.050 χ^2 /NDF: 37.9/27

In: -0.052+/-0.074 χ^2 /NDF:12.4/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.016+/-0.050 χ^2 /NDF: 37.9/27

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 158.786+/-0.052 χ^2/NDF : 1074152.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.252+/-0.048 χ^2/NDF : 1873292.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

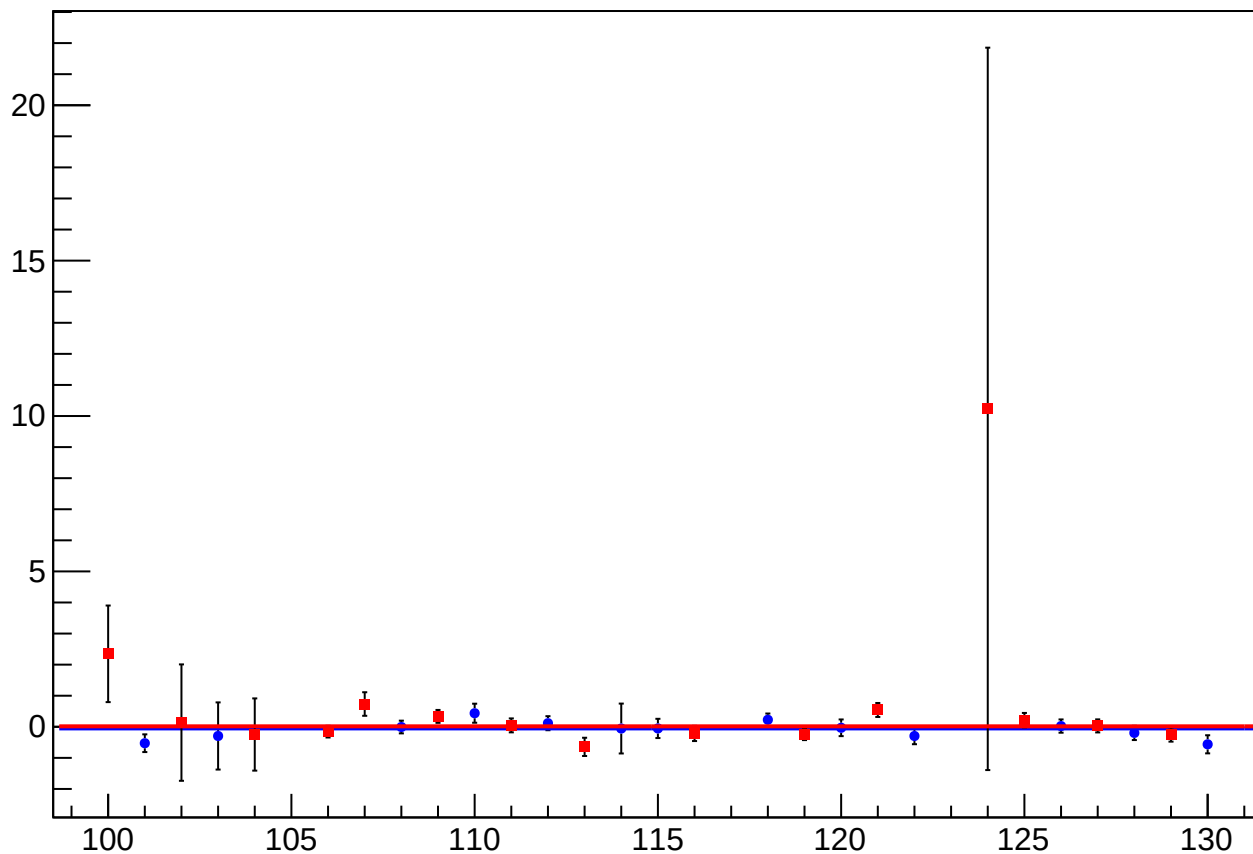
Right: 149.890+/-0.035 χ^2/NDF : 3001848.2/27

In: 158.786+/-0.052 χ^2/NDF : 1074152.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.890+/-0.035 χ^2/NDF : 3001848.2/27

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.052+/-0.074 χ^2 /NDF: 12.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.015+/-0.068 χ^2 /NDF: 25.1/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

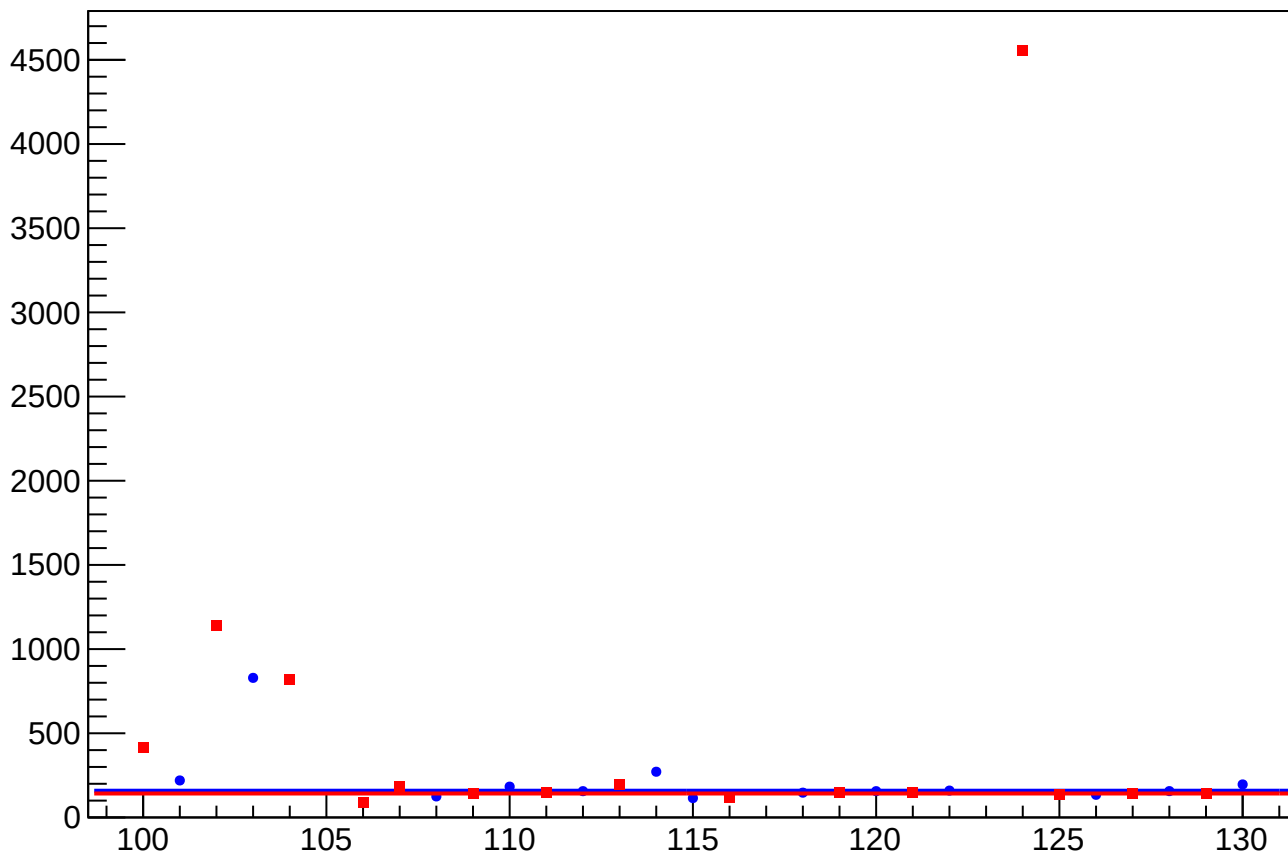
Right: -0.016+/-0.050 χ^2 /NDF: 37.9/27

In: -0.052+/-0.074 χ^2 /NDF:12.4/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.016+/-0.050 χ^2 /NDF: 37.9/27

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 158.786+/-0.052 χ^2/NDF : 1074152.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.252+/-0.048 χ^2/NDF : 1873292.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

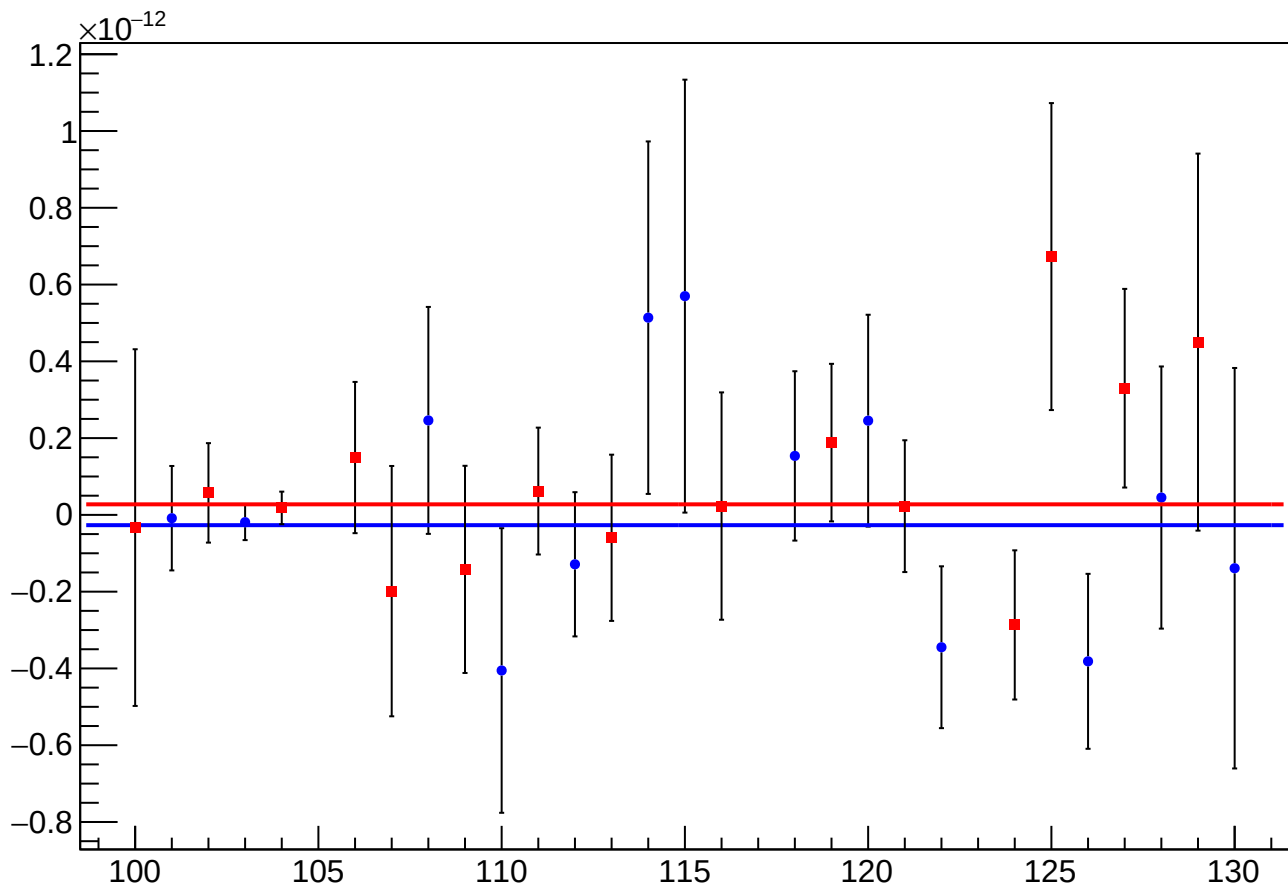
Right: 149.890+/-0.035 χ^2/NDF : 3001848.2/27

In: 158.786+/-0.052 χ^2/NDF : 1074152.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.890+/-0.035 χ^2/NDF : 3001848.2/27

asym_atl_avg_atr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

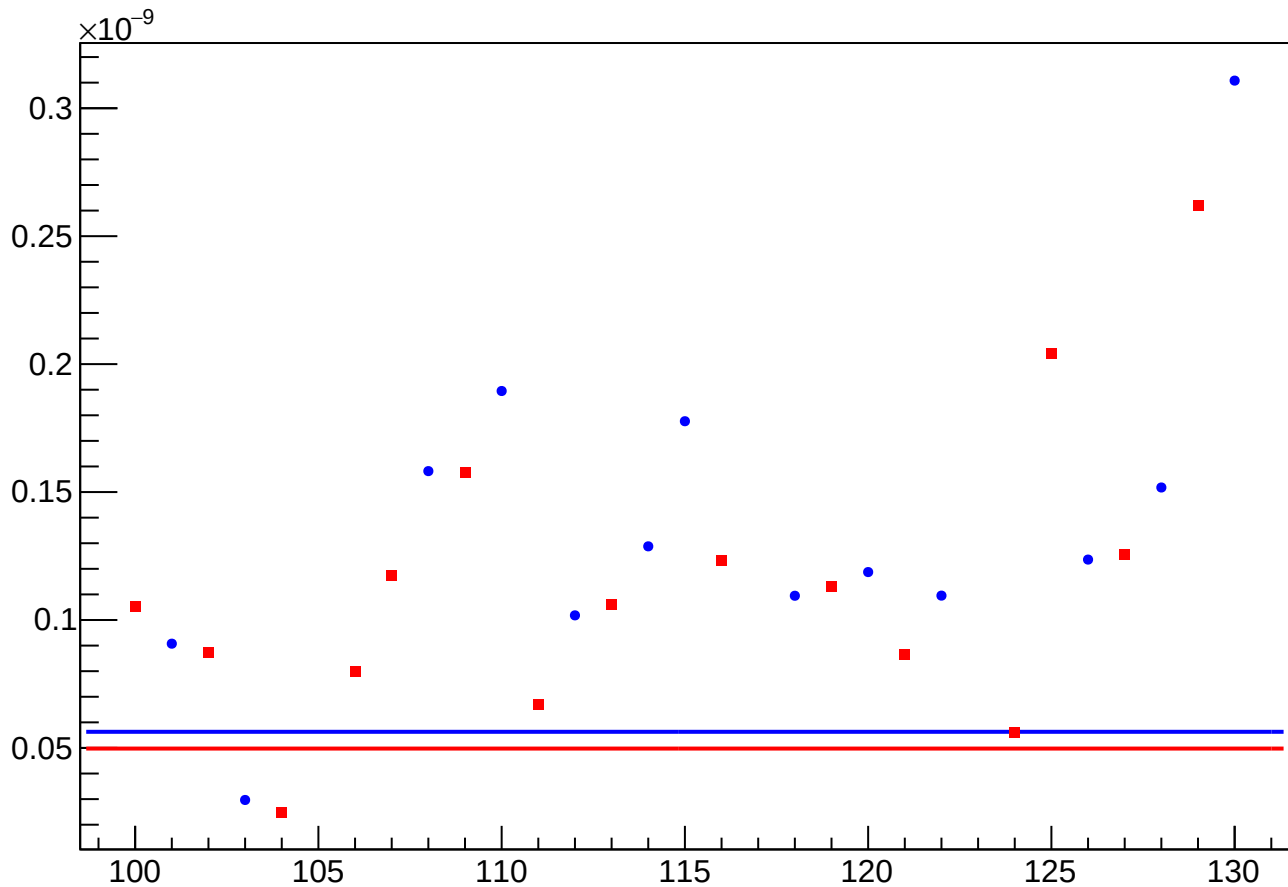
Right: 0.000+/-0.000 χ^2/NDF : 21.8/27

In: -0.000+/-0.000 χ^2/NDF : 11.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.8/27

asym_atl_avg_atr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2685176.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2756940.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

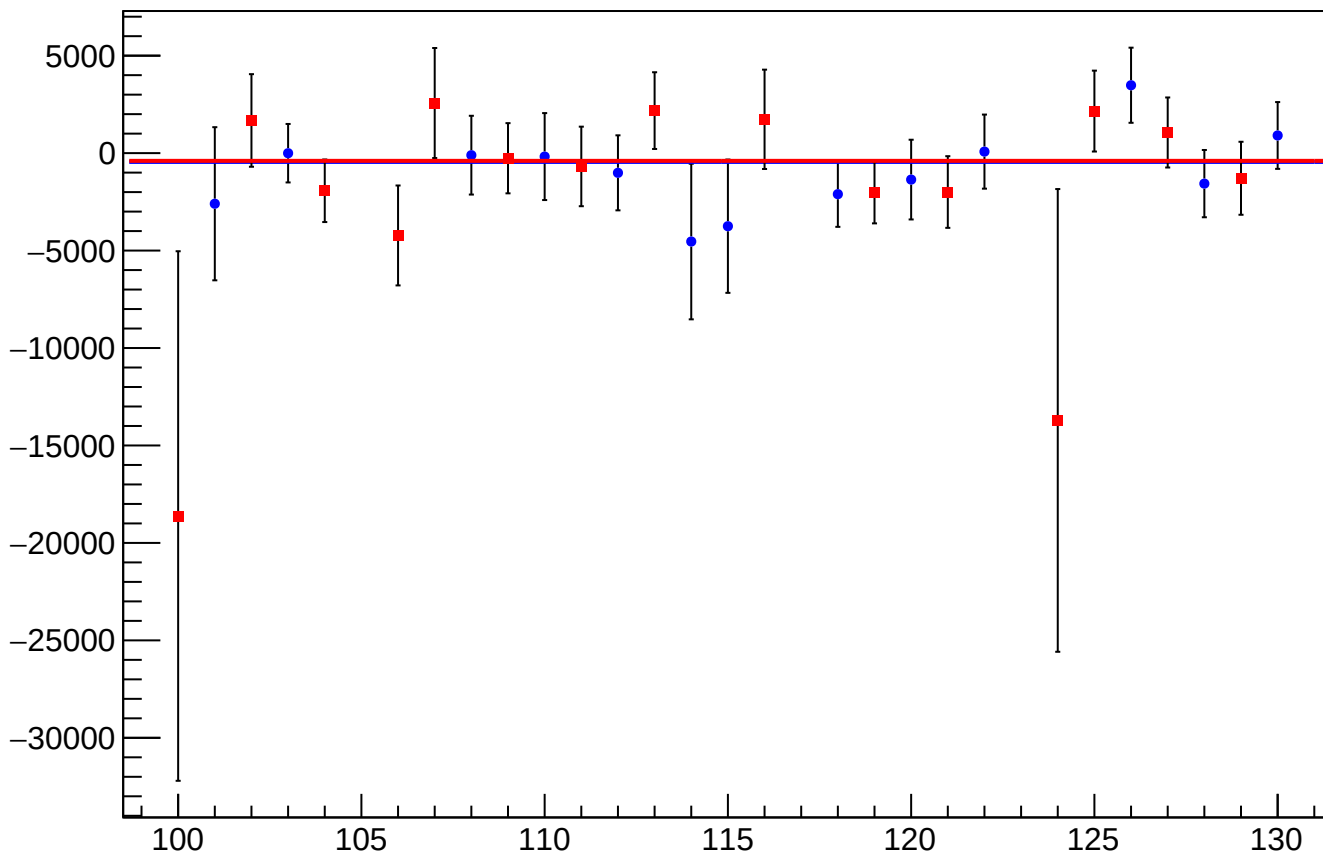
Right: 0.000+/-0.000 χ^2/NDF : 5473792.8/27

In: 0.000+/-0.000 χ^2/NDF : 2685176.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5473792.8/27

reg_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -451.301+/-559.953 χ^2/NDF : 8.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -396.506+/-547.290 χ^2/NDF : 14.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

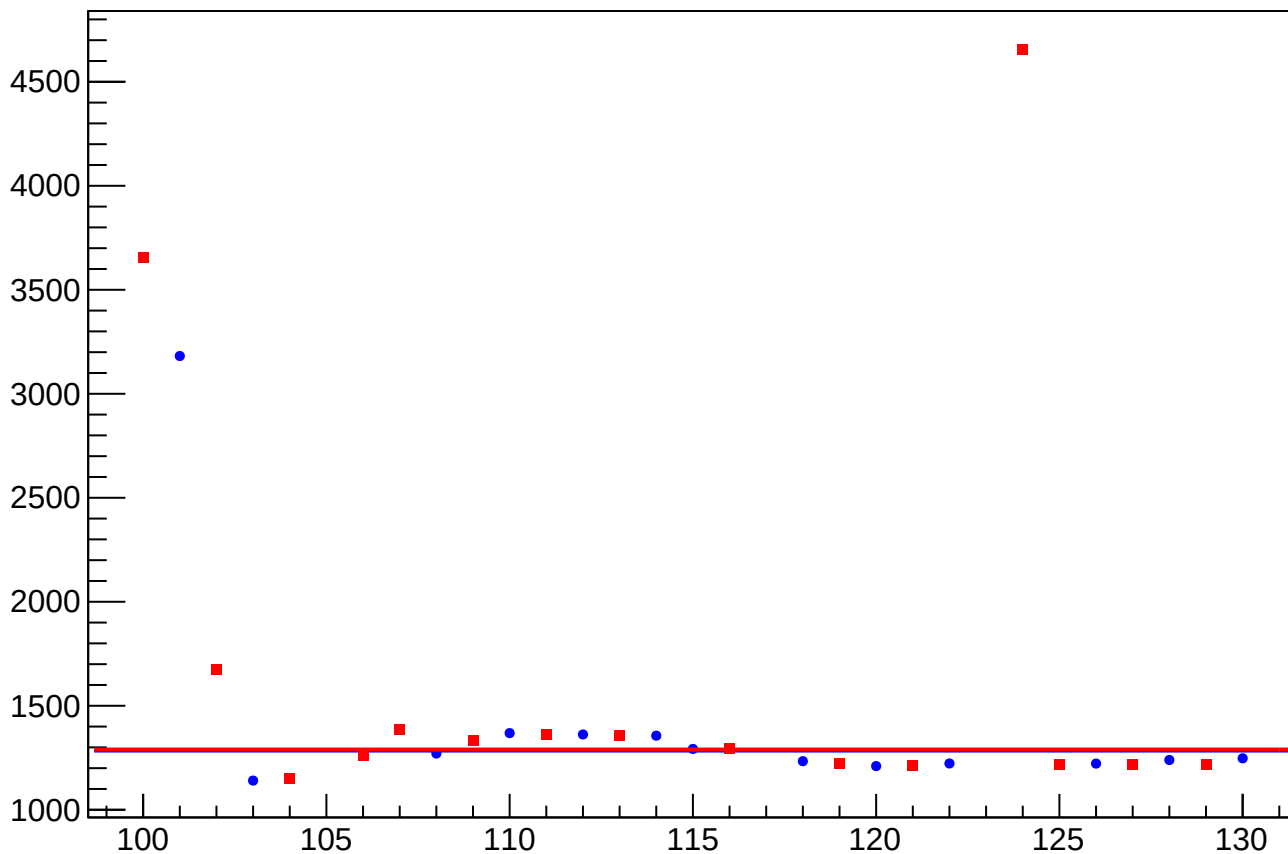
Right: -423.277+/-391.393 χ^2/NDF : 23.7/27

In: -451.301+/-559.953 χ^2/NDF : 8.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -423.277+/-391.393 χ^2/NDF : 23.7/27

reg_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1284.749+/-0.396 χ^2/NDF : 502671.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1289.479+/-0.387 χ^2/NDF : 314335.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

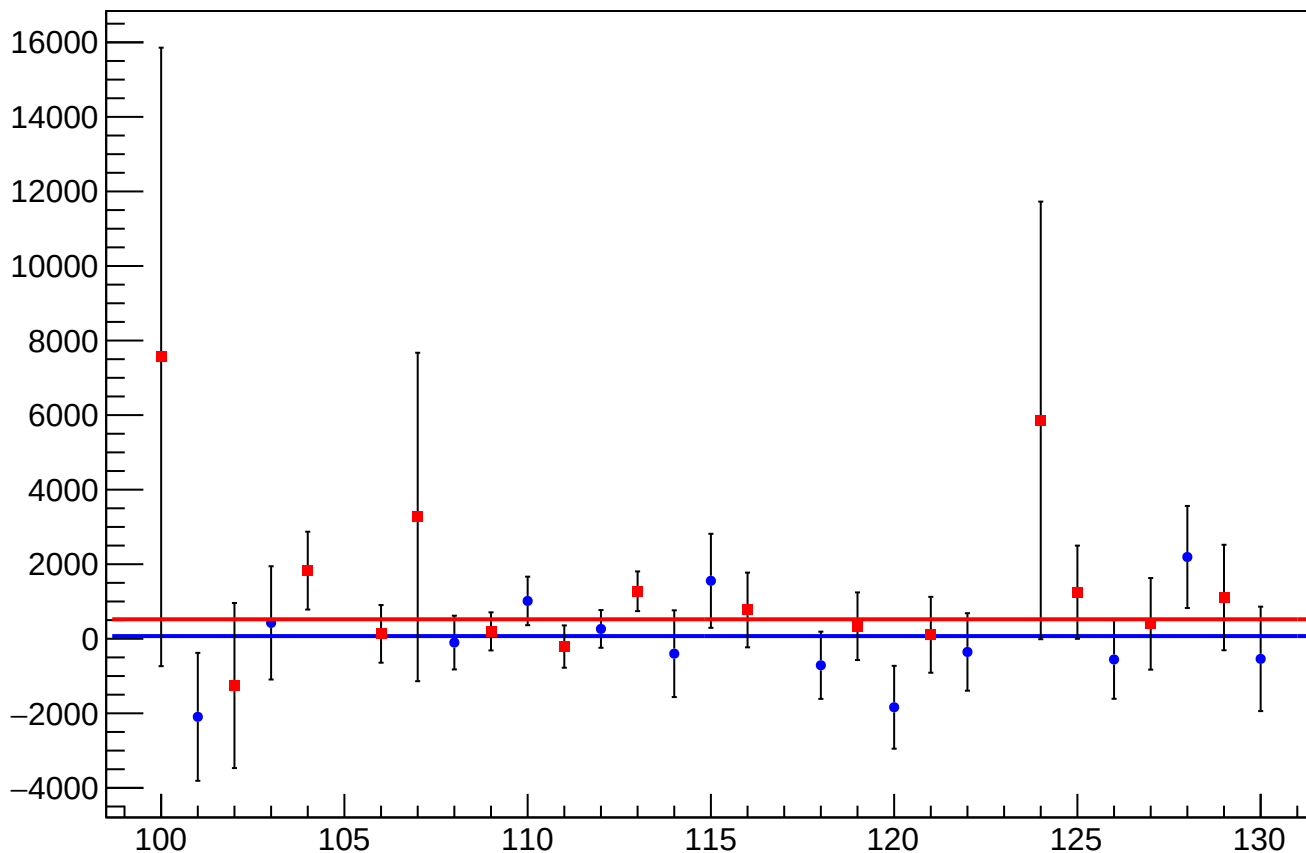
Right: 1287.168+/-0.277 χ^2/NDF : 817080.0/27

In: 1284.749+/-0.396 χ^2/NDF : 502671.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1287.168+/-0.277 χ^2/NDF : 817080.0/27

asym_atl_avg_atr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 71.834+/-256.113 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 522.981+/-233.608 χ^2/NDF : 9.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

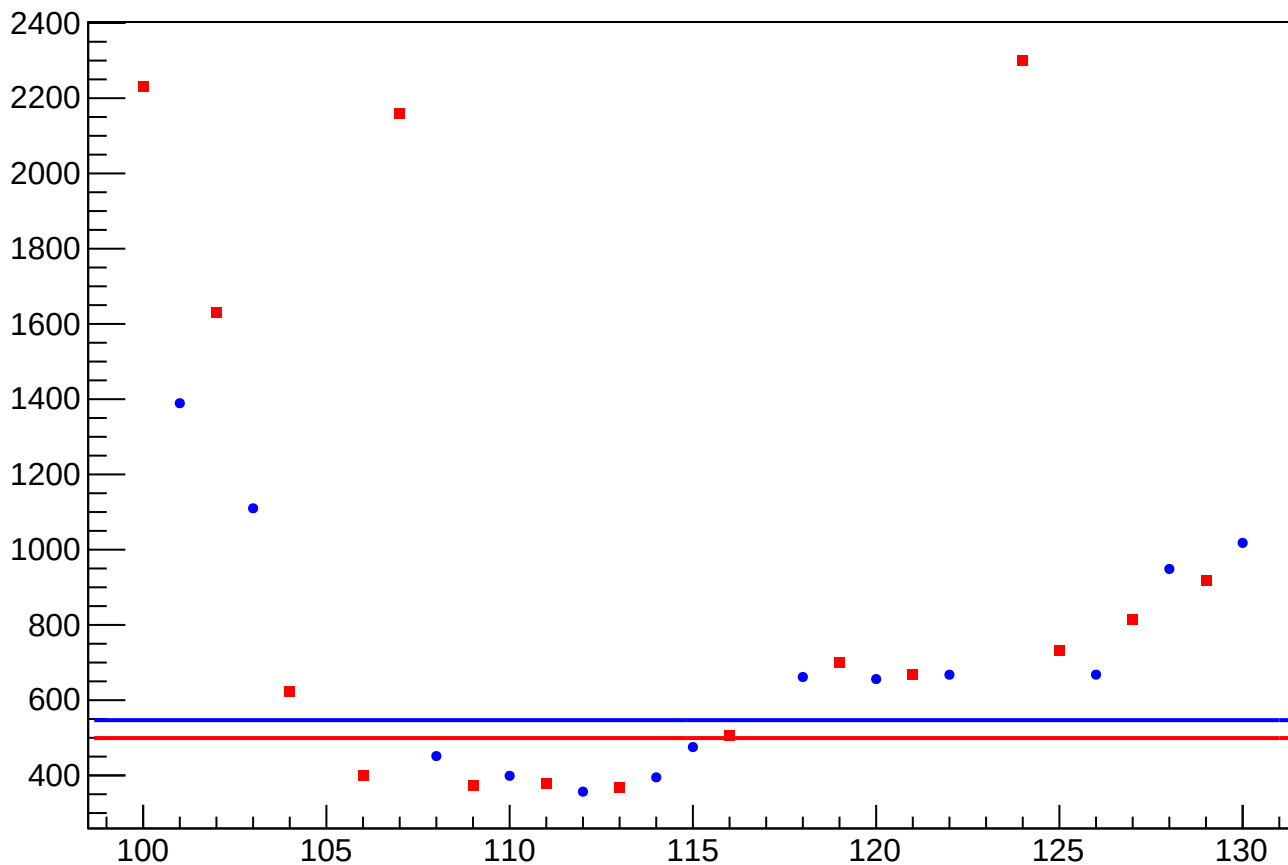
Right: 318.096+/-172.595 χ^2/NDF : 23.2/27

In: 71.834+/-256.113 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 318.096+/-172.595 χ^2/NDF : 23.2/27

asym_atl_avg_atr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 546.921+/-0.181 χ^2/NDF : 1721677.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 499.266+/-0.165 χ^2/NDF : 2005649.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

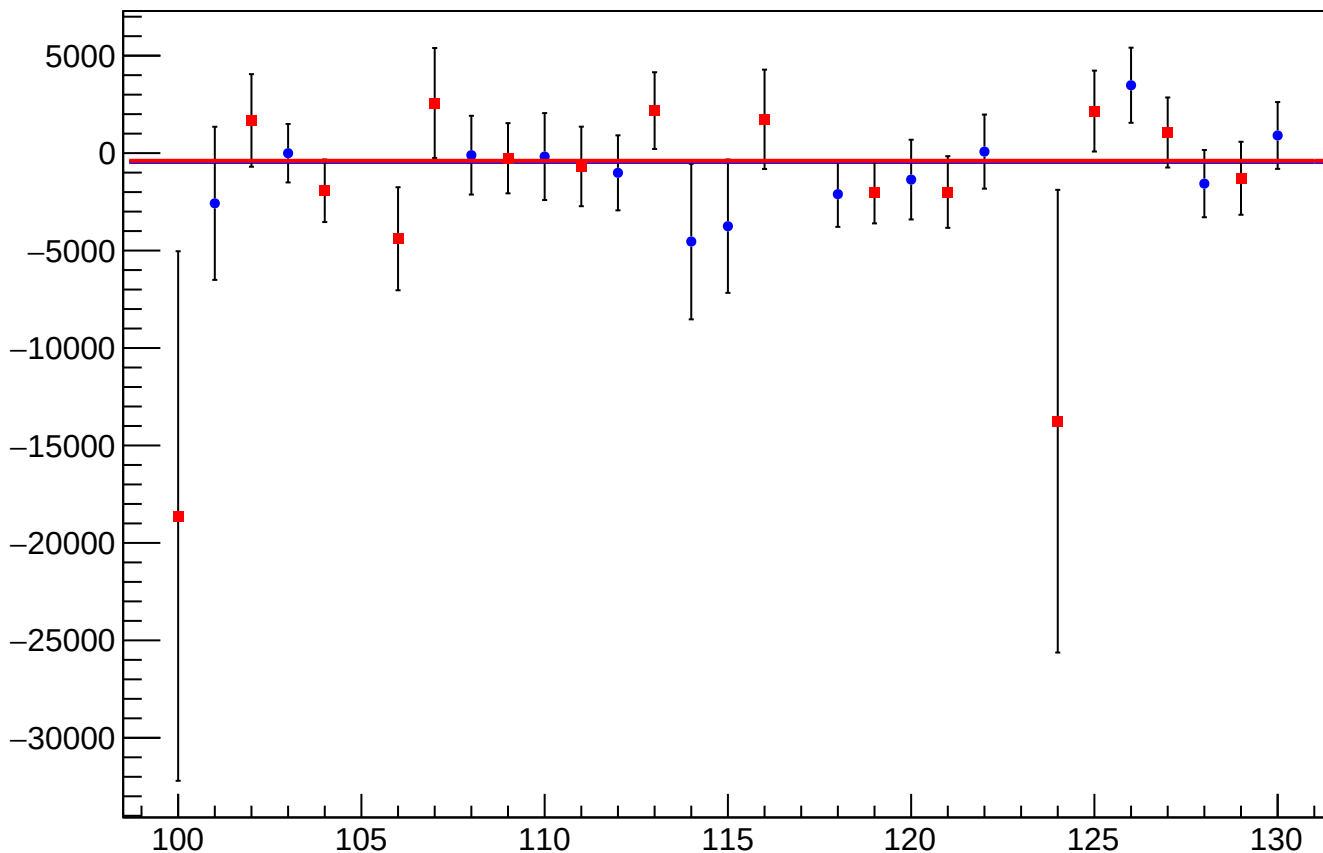
Right: 520.908+/-0.122 χ^2/NDF : 3765125.3/27

In: 546.921+/-0.181 χ^2/NDF :1721677.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 520.908+/-0.122 χ^2/NDF : 3765125.3/27

cor_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -450.755+/-559.954 χ^2/NDF : 8.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -393.463+/-548.038 χ^2/NDF : 14.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

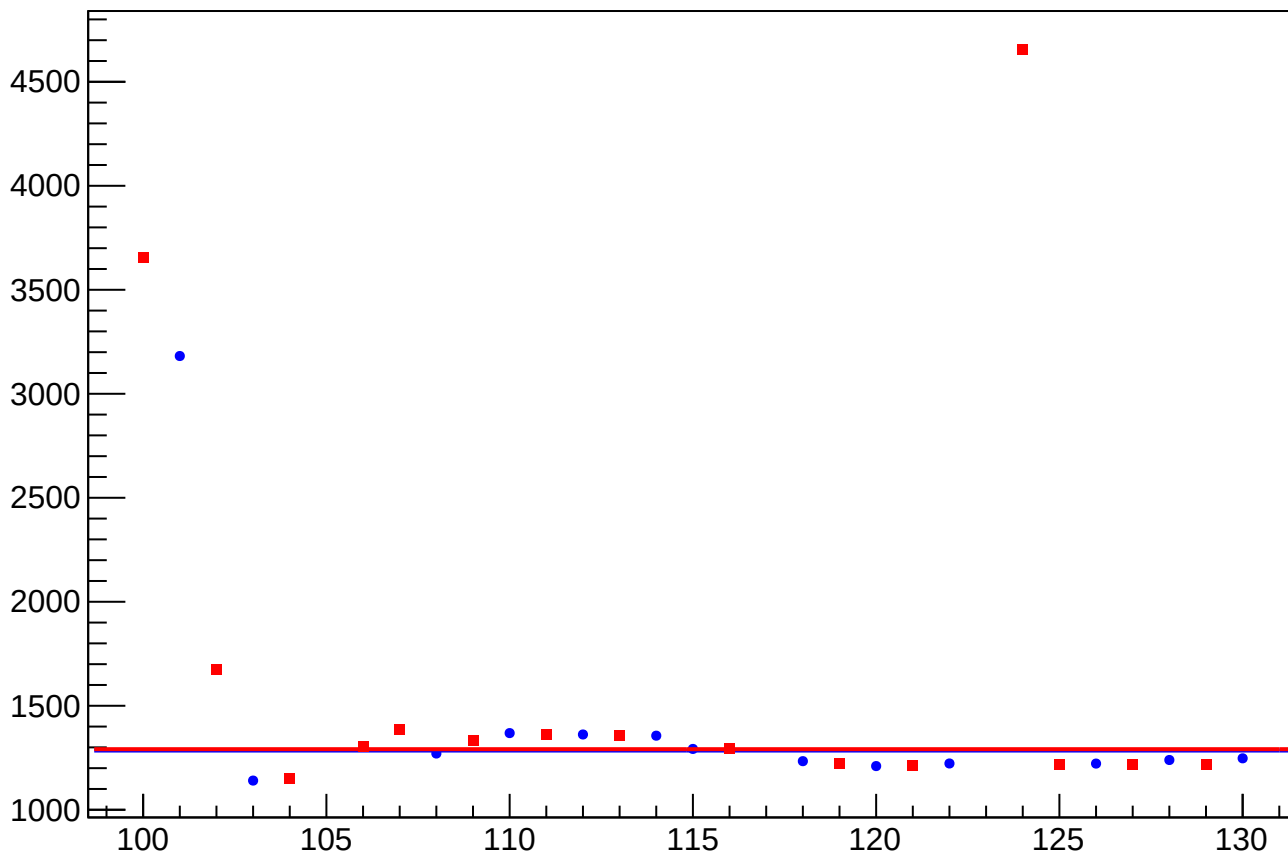
Right: -421.493+/-391.666 χ^2/NDF : 23.7/27

In: -450.755+/-559.954 χ^2/NDF : 8.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -421.493+/-391.666 χ^2/NDF : 23.7/27

cor_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1284.749+/-0.396 χ^2/NDF : 502673.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1291.303+/-0.388 χ^2/NDF : 314160.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

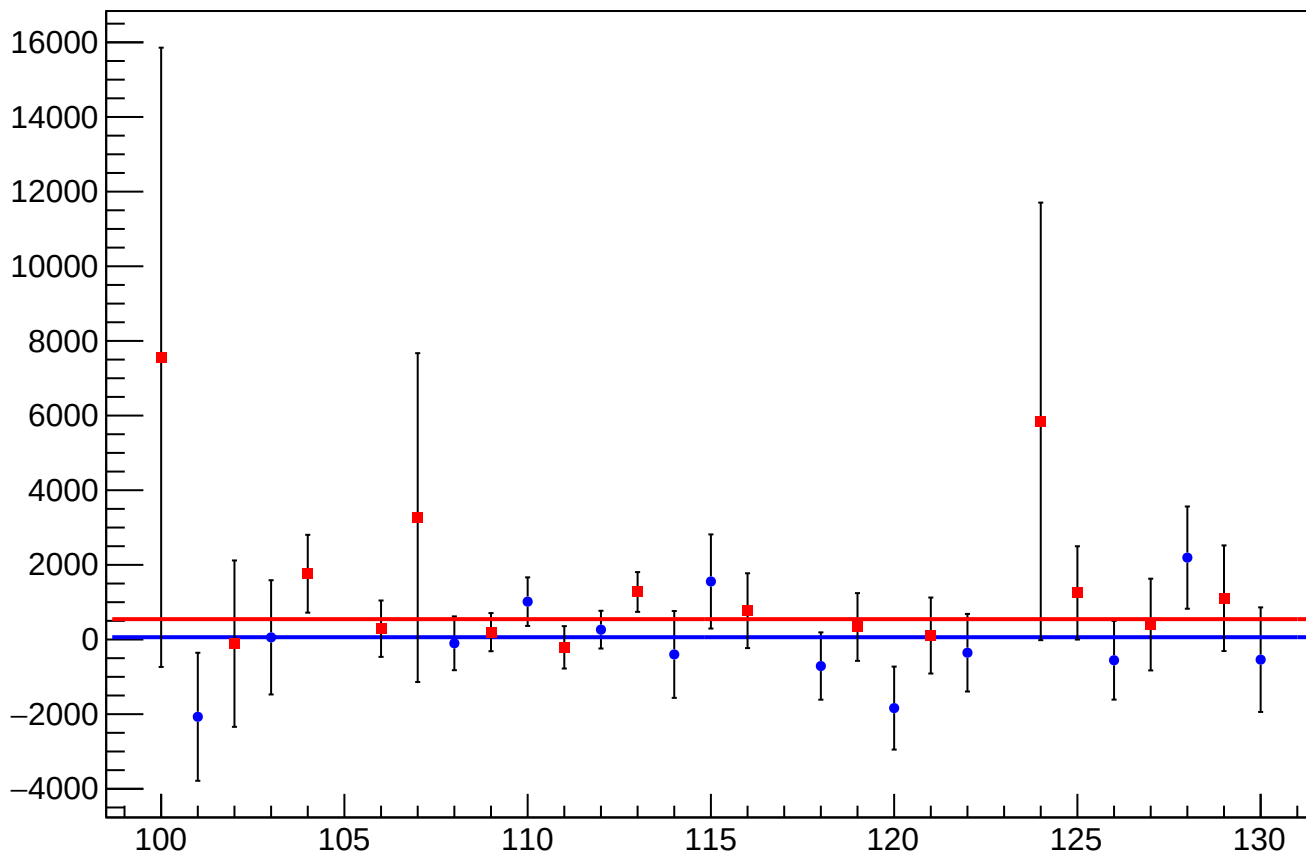
Right: 1288.097+/-0.277 χ^2/NDF : 816973.7/27

In: 1284.749+/-0.396 χ^2/NDF : 502673.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1288.097+/-0.277 χ^2/NDF : 816973.7/27

asym_atl_avg_atr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 61.908+/-256.164 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 545.893+/-233.086 χ^2/NDF : 8.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

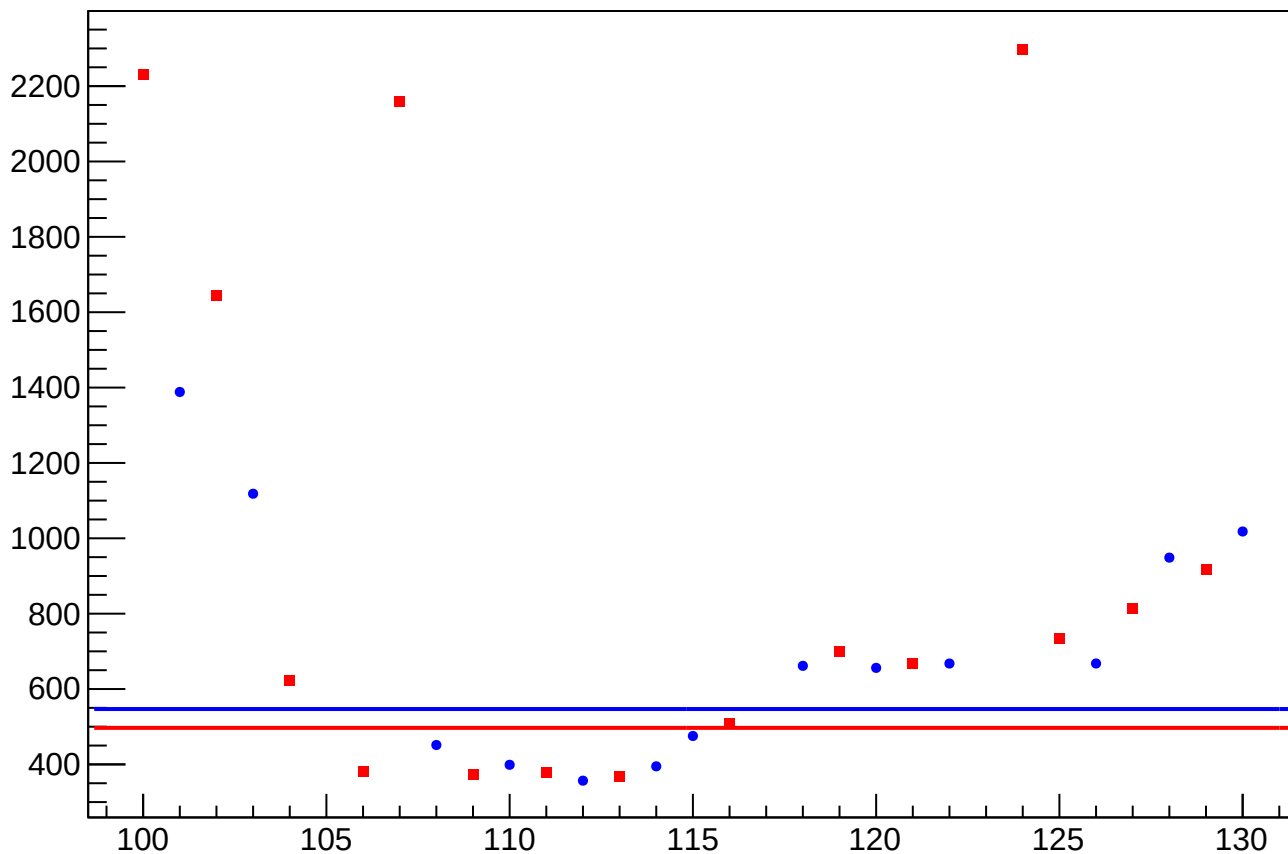
Right: 326.680+/-172.400 χ^2/NDF : 22.5/27

In: 61.908+/-256.164 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 326.680+/-172.400 χ^2/NDF : 22.5/27

asym_atl_avg_atr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 546.929+/-0.181 χ^2/NDF : 1725354.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 496.956+/-0.165 χ^2/NDF : 2028667.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

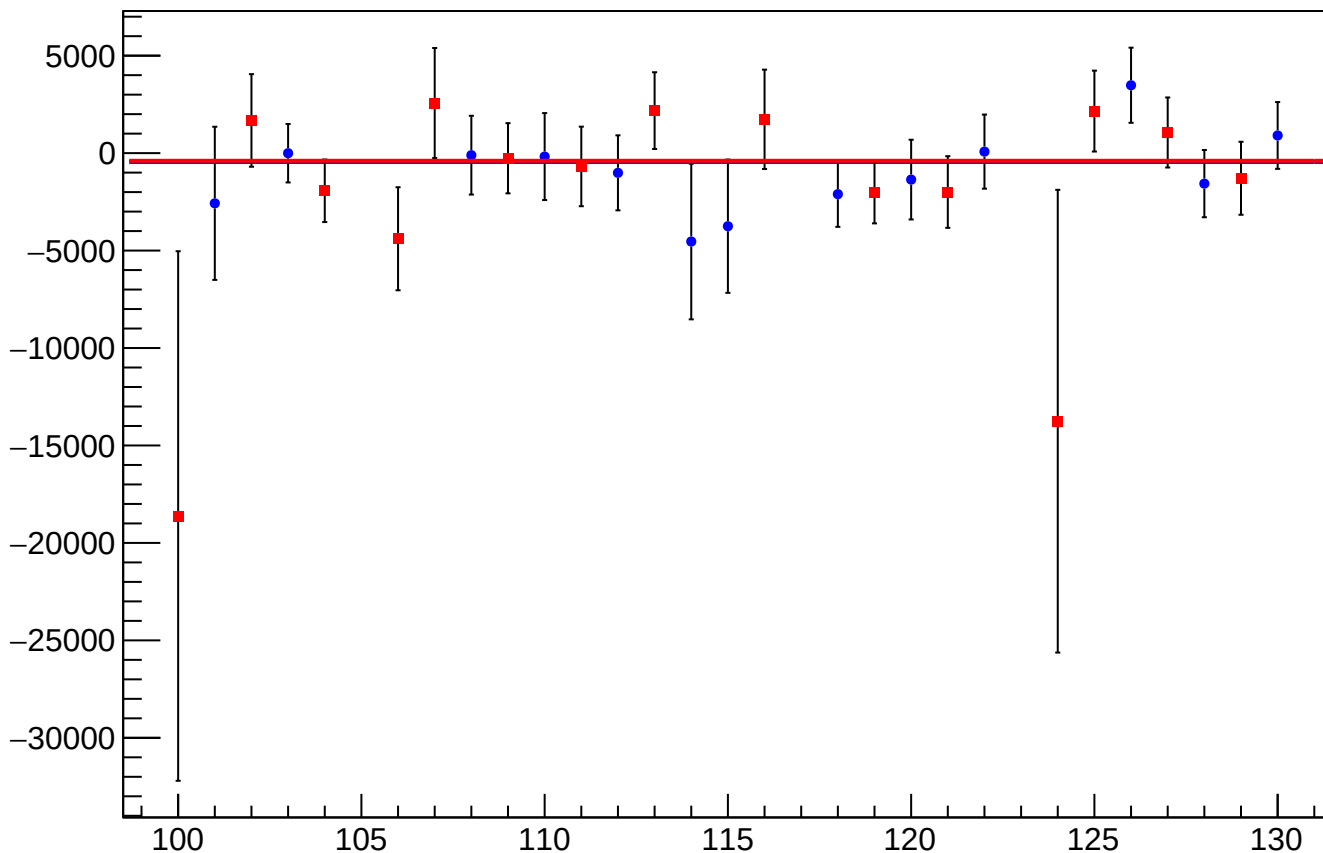
Right: 519.590+/-0.122 χ^2/NDF : 3795661.7/27

In: 546.929+/-0.181 χ^2/NDF :1725354.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 519.590+/-0.122 χ^2/NDF : 3795661.7/27

eigen_cor_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -450.755+/-559.954 χ^2/NDF : 8.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -393.463+/-548.038 χ^2/NDF : 14.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

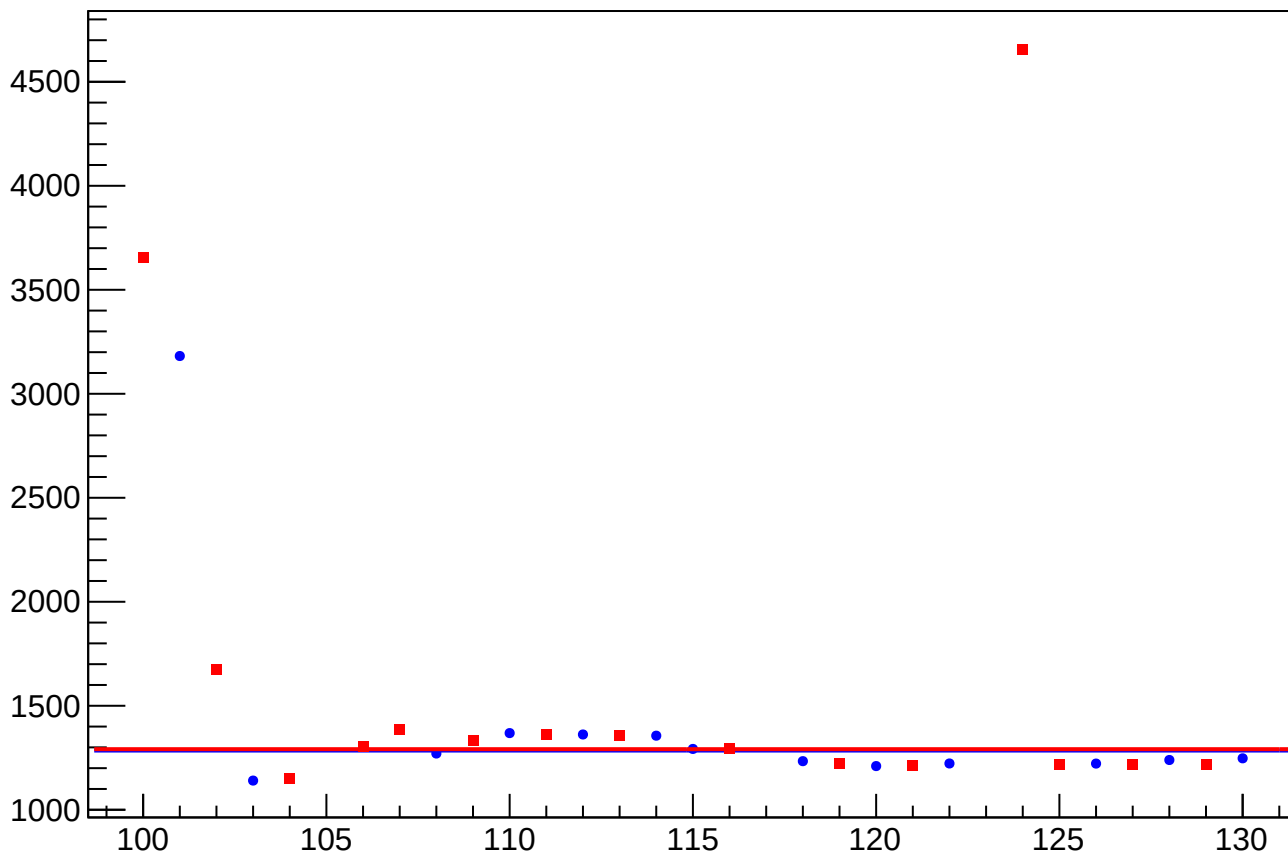
Right: -421.493+/-391.666 χ^2/NDF : 23.7/27

In: -450.755+/-559.954 χ^2/NDF : 8.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -421.493+/-391.666 χ^2/NDF : 23.7/27

eigen_cor_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1284.749+/-0.396 χ^2/NDF : 502673.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1291.303+/-0.388 χ^2/NDF : 314160.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

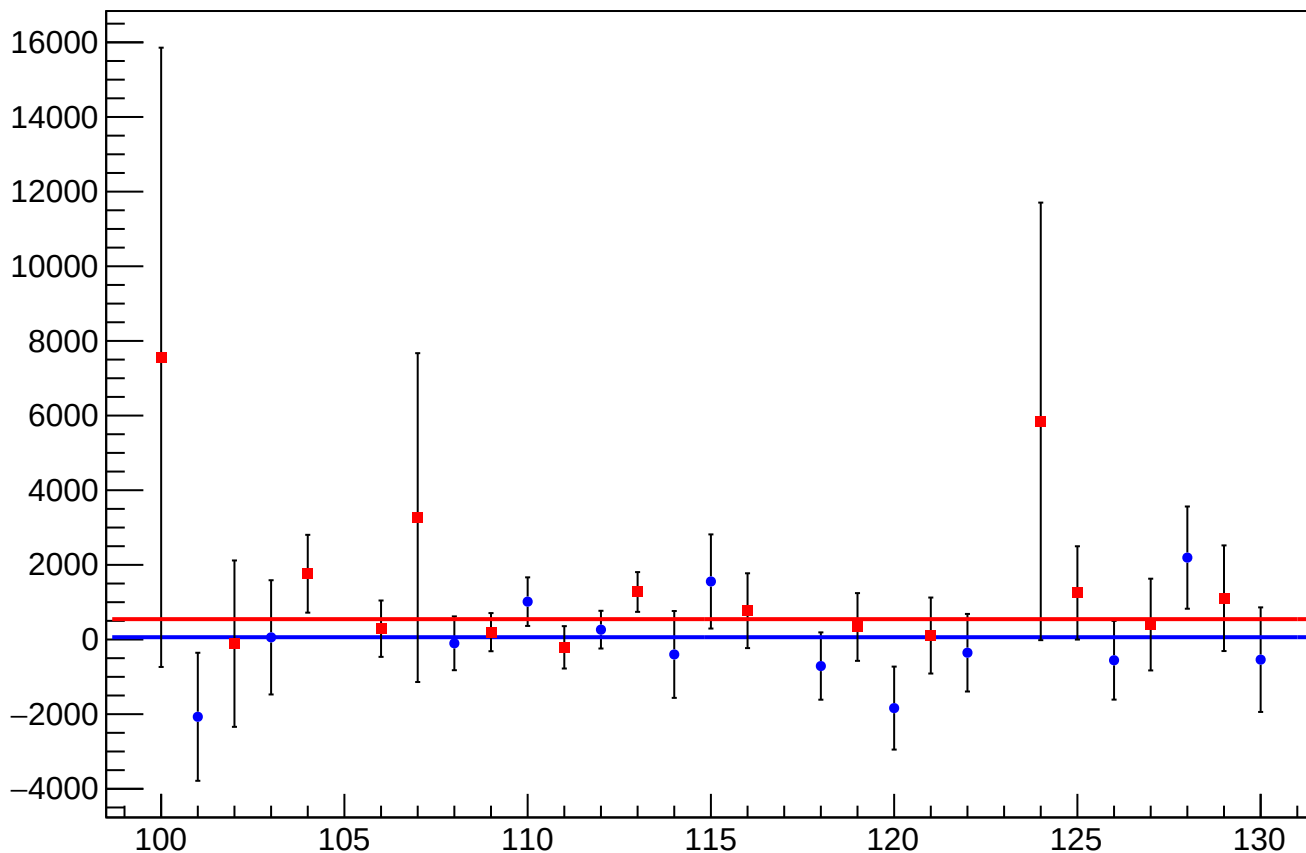
Right: 1288.097+/-0.277 χ^2/NDF : 816973.7/27

In: 1284.749+/-0.396 χ^2/NDF : 502673.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1288.097+/-0.277 χ^2/NDF : 816973.7/27

asym_atl_avg_atr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 61.908+/-256.164 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 545.893+/-233.086 χ^2/NDF : 8.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

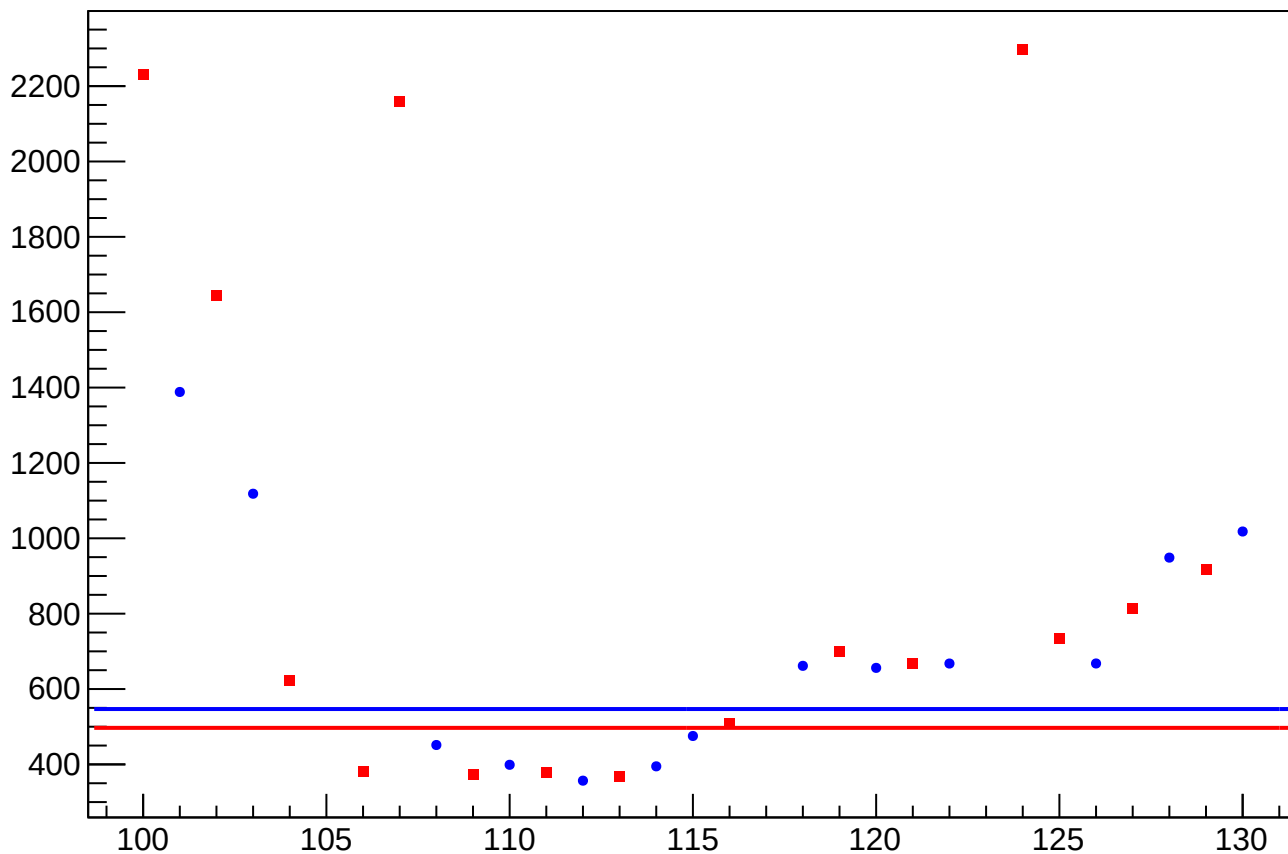
Right: 326.680+/-172.400 χ^2/NDF : 22.5/27

In: 61.908+/-256.164 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 326.680+/-172.400 χ^2/NDF : 22.5/27

asym_atl_avg_atr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 546.929+/-0.181 χ^2/NDF : 1725354.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 496.956+/-0.165 χ^2/NDF : 2028667.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

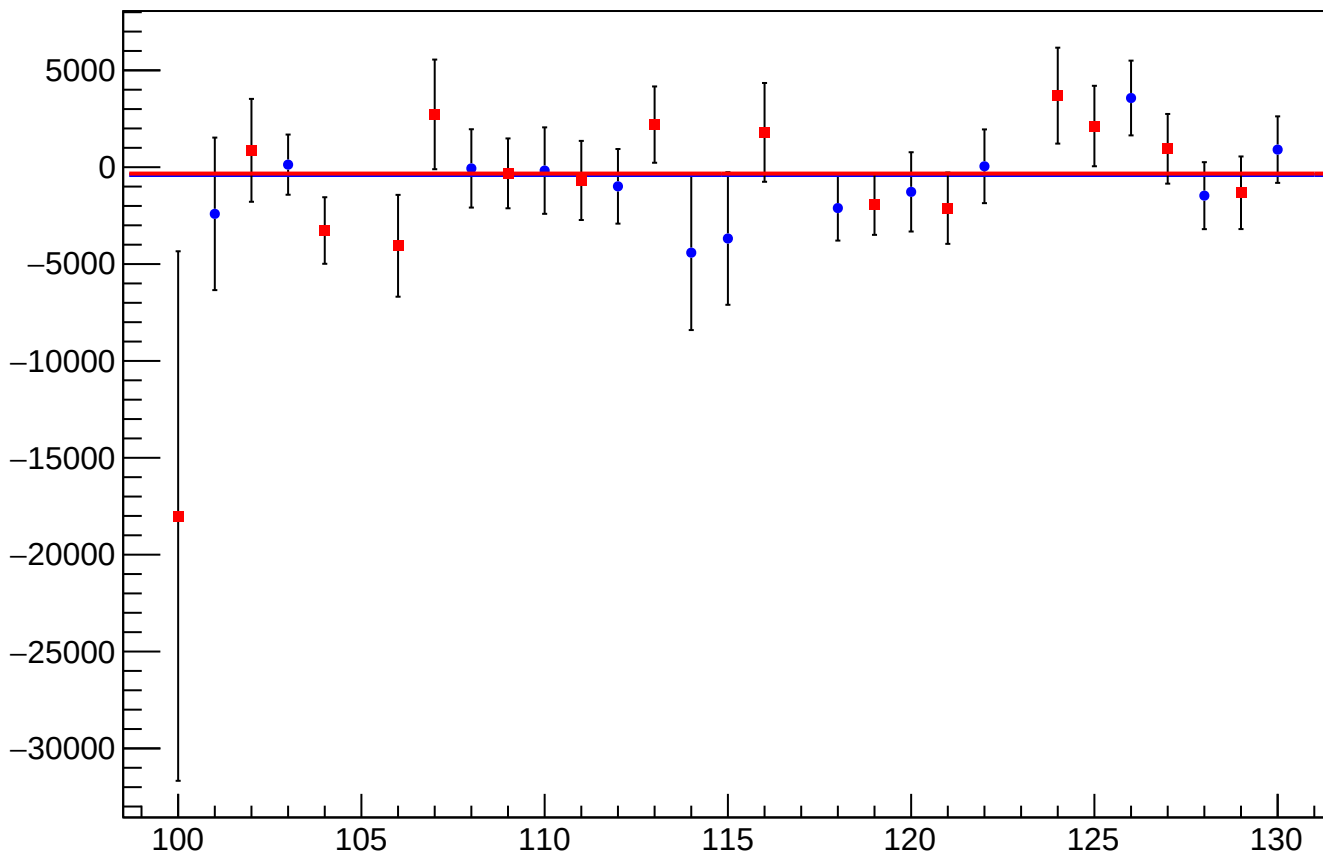
Right: 519.590+/-0.122 χ^2/NDF : 3795661.7/27

In: 546.929+/-0.181 χ^2/NDF :1725354.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 519.590+/-0.122 χ^2/NDF : 3795661.7/27

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -403.040+/-563.051 χ^2 /NDF: 8.9/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -329.081+/-542.508 χ^2 /NDF: 17.1/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

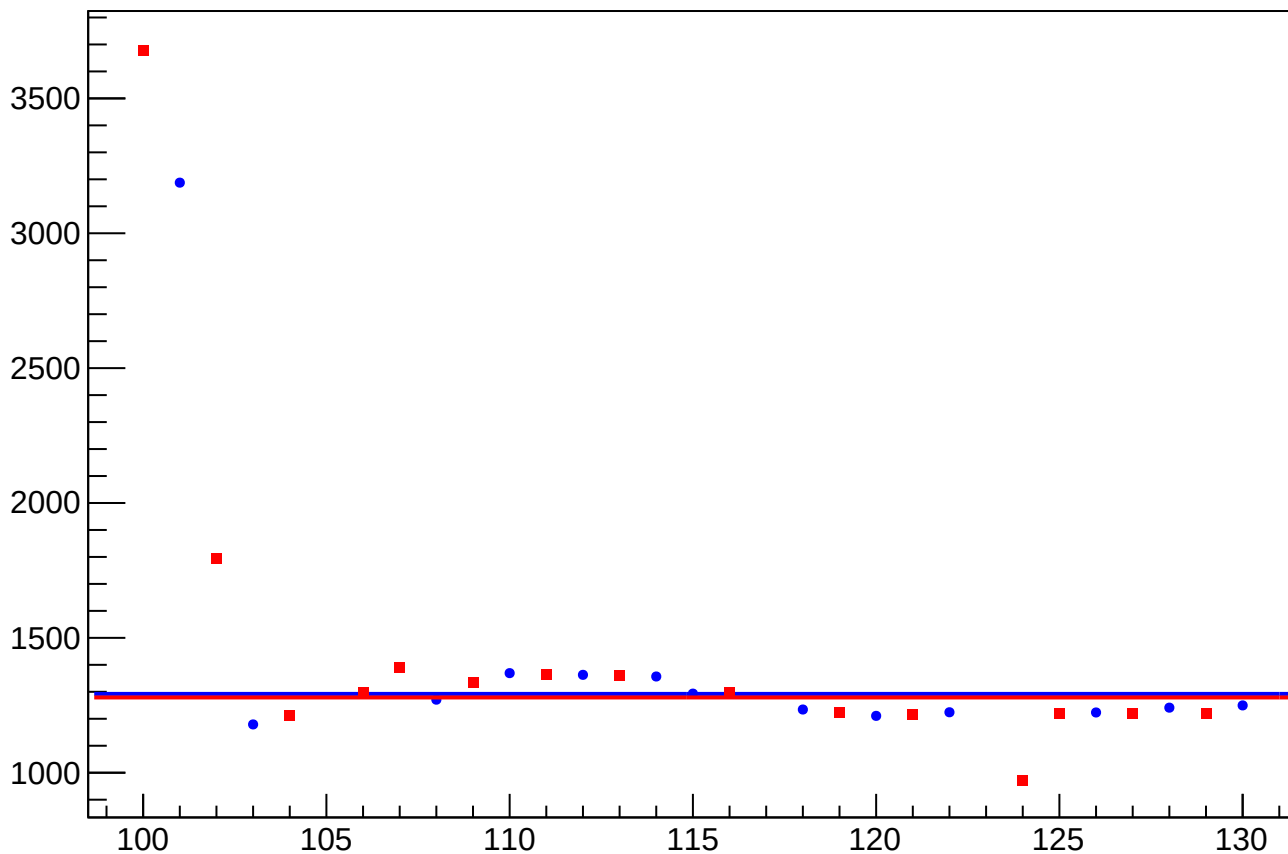
Right: -364.687+/-390.672 χ^2 /NDF: 26.0/27

In: -403.040+/-563.051 χ^2 /NDF:8.9/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -364.687+/-390.672 χ^2 /NDF: 26.0/27

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1292.220+/-0.398 χ^2/NDF : 493836.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1279.005+/-0.384 χ^2/NDF : 193576.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

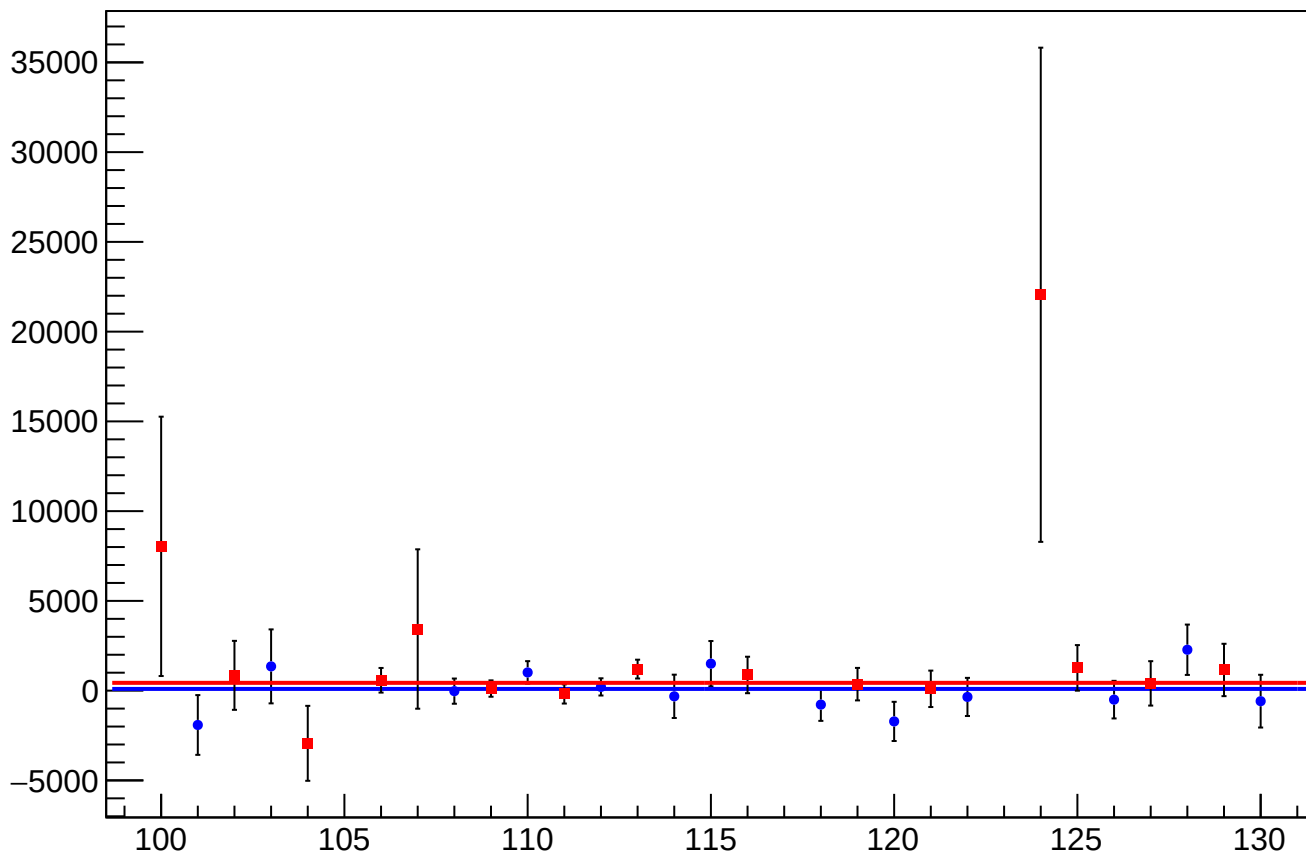
Right: 1285.367+/-0.276 χ^2/NDF : 687983.7/27

In: 1292.220+/-0.398 χ^2/NDF : 493836.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1285.367+/-0.276 χ^2/NDF : 687983.7/27

asym_atl_avg_atr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 95.786+/-252.827 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 434.382+/-226.197 χ^2/NDF : 11.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

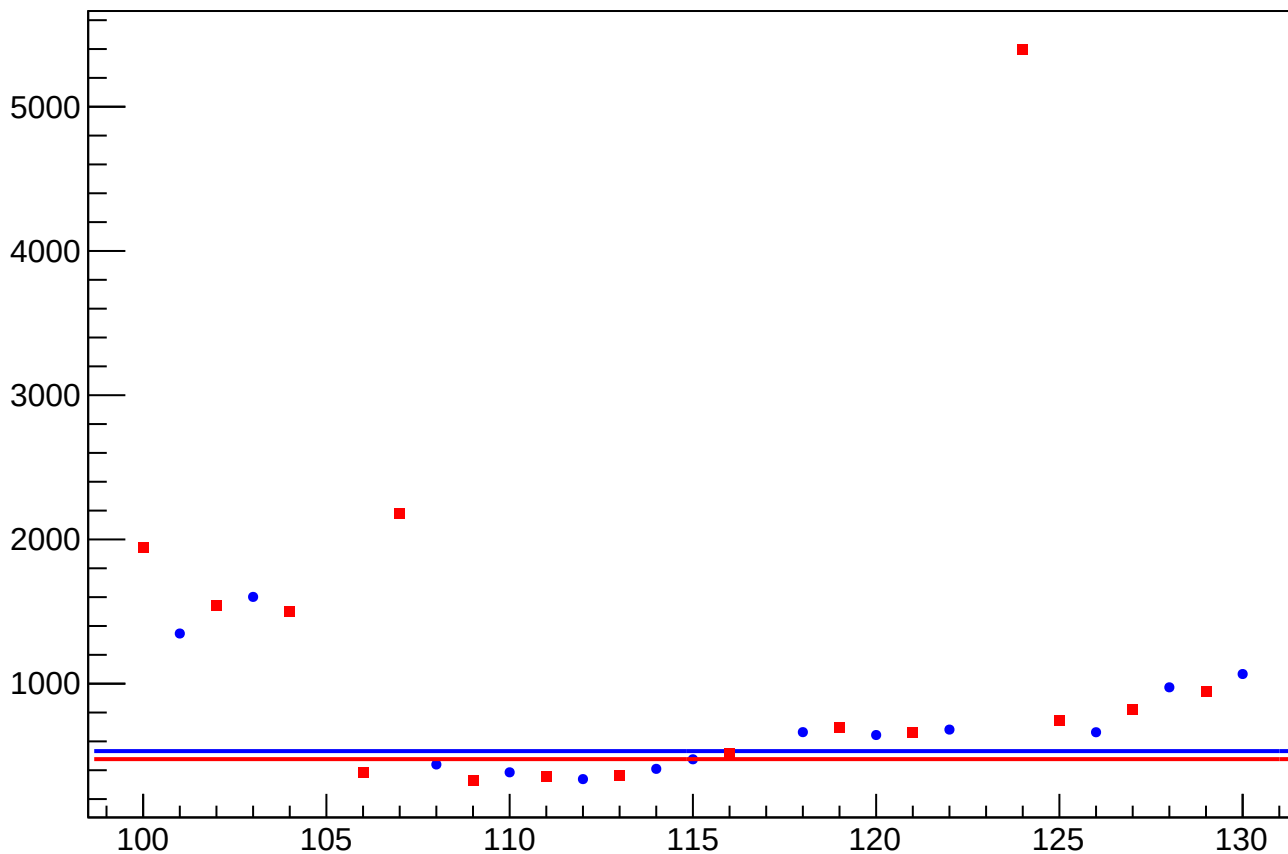
Right: 283.849+/-168.577 χ^2/NDF : 24.9/27

In: 95.786+/-252.827 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 283.849+/-168.577 χ^2/NDF : 24.9/27

asym_atl_avg_atr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 532.585+/-0.179 χ^2/NDF : 2111777.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 476.921+/-0.160 χ^2/NDF : 2816571.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

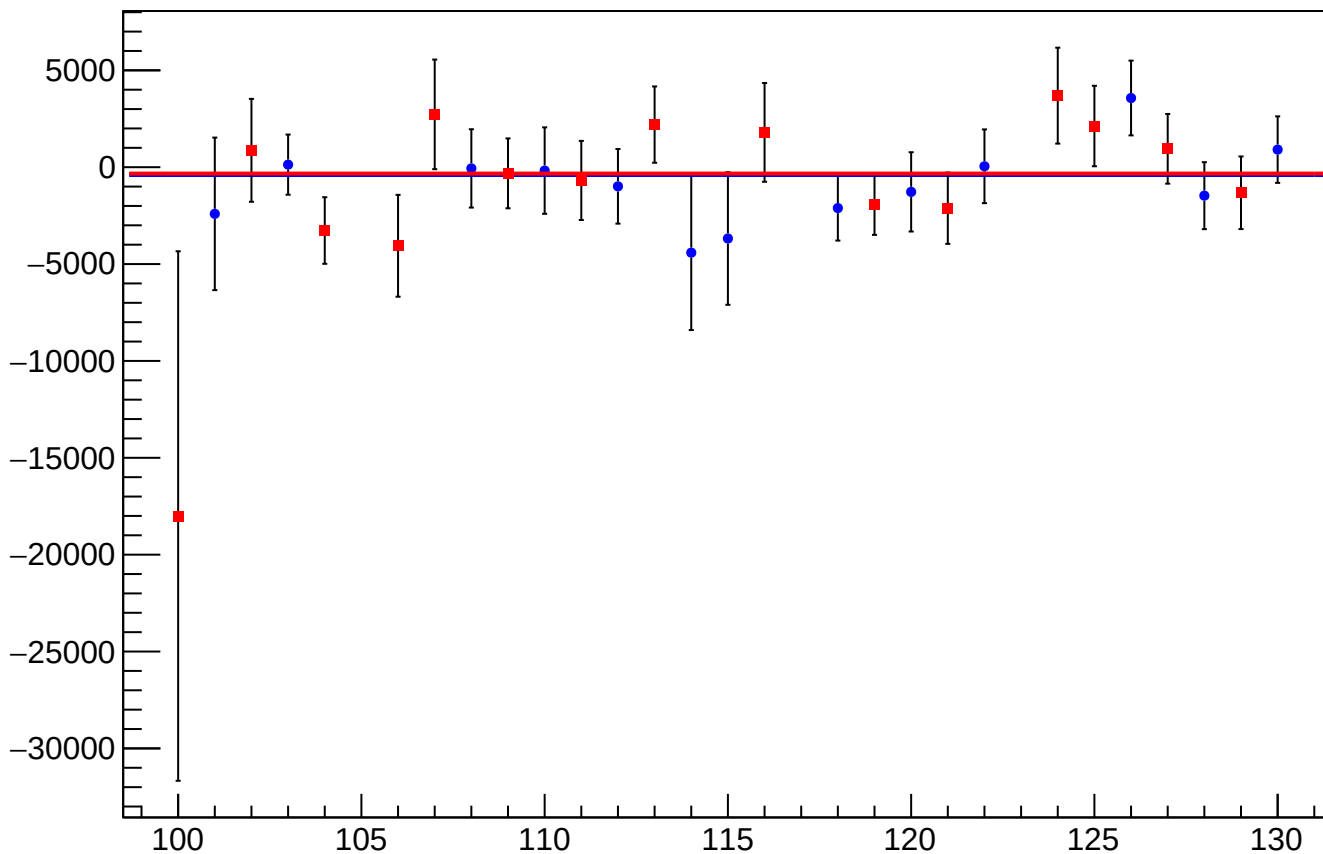
Right: 501.668+/-0.119 χ^2/NDF : 4982195.4/27

In: 532.585+/-0.179 χ^2/NDF : 2111777.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 501.668+/-0.119 χ^2/NDF : 4982195.4/27

eigen_dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -403.040+/-563.051 χ^2/NDF : 8.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -329.081+/-542.508 χ^2/NDF : 17.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

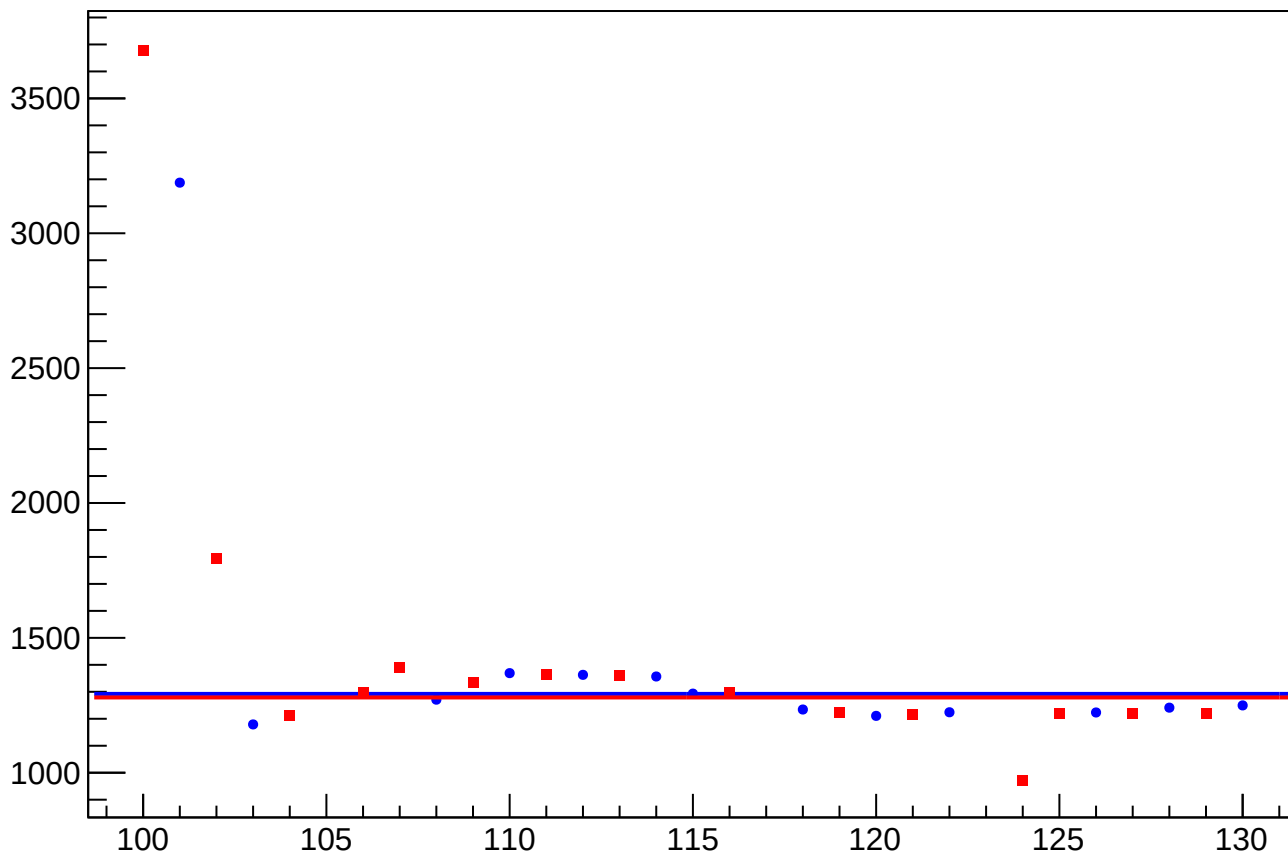
Right: -364.687+/-390.672 χ^2/NDF : 26.0/27

In: -403.040+/-563.051 χ^2/NDF : 8.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -364.687+/-390.672 χ^2/NDF : 26.0/27

eigen_dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1292.220+/-0.398 χ^2/NDF : 493836.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1279.005+/-0.384 χ^2/NDF : 193576.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

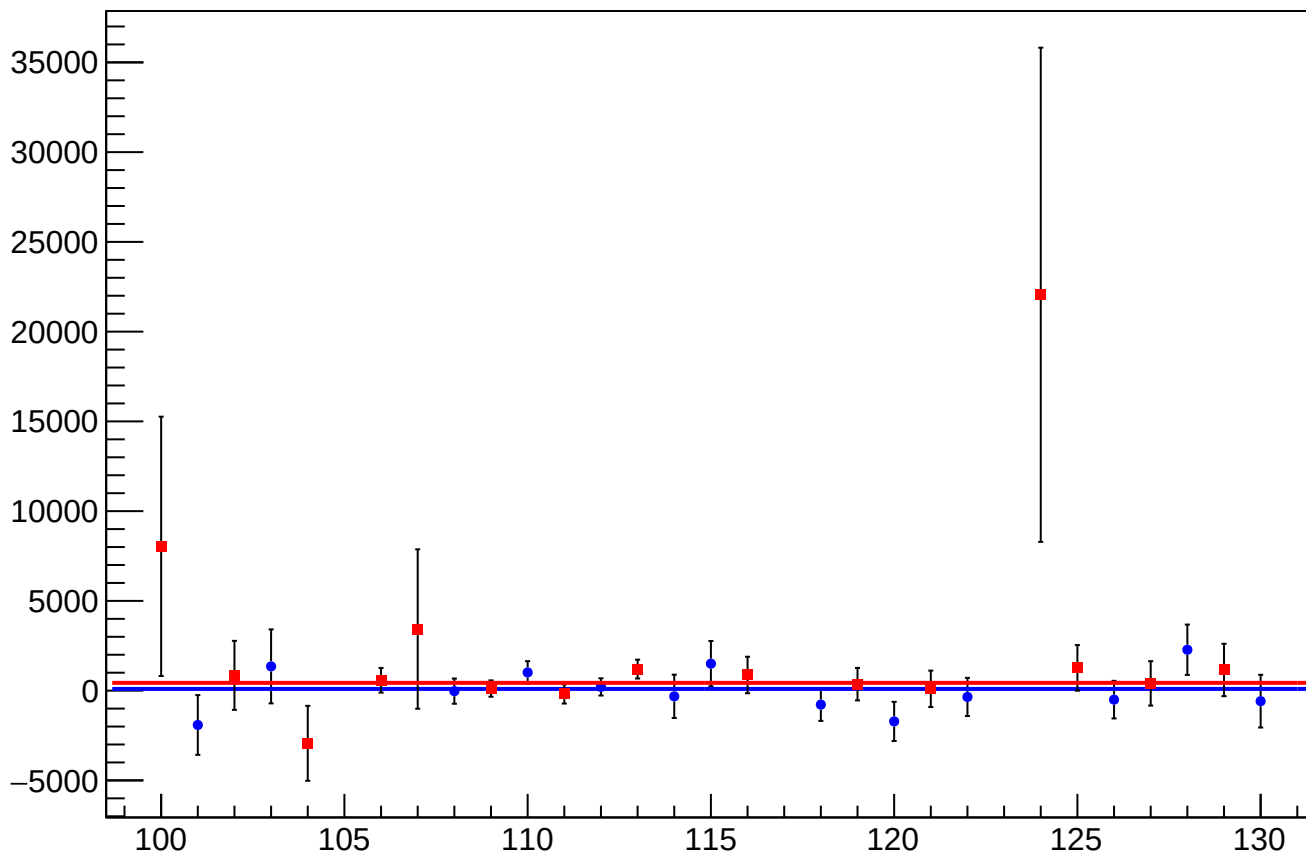
Right: 1285.367+/-0.276 χ^2/NDF : 687984.0/27

In: 1292.220+/-0.398 χ^2/NDF : 493836.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1285.367+/-0.276 χ^2/NDF : 687984.0/27

asym_atl_avg_atr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 95.787+/-252.825 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 434.380+/-226.196 χ^2/NDF : 11.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

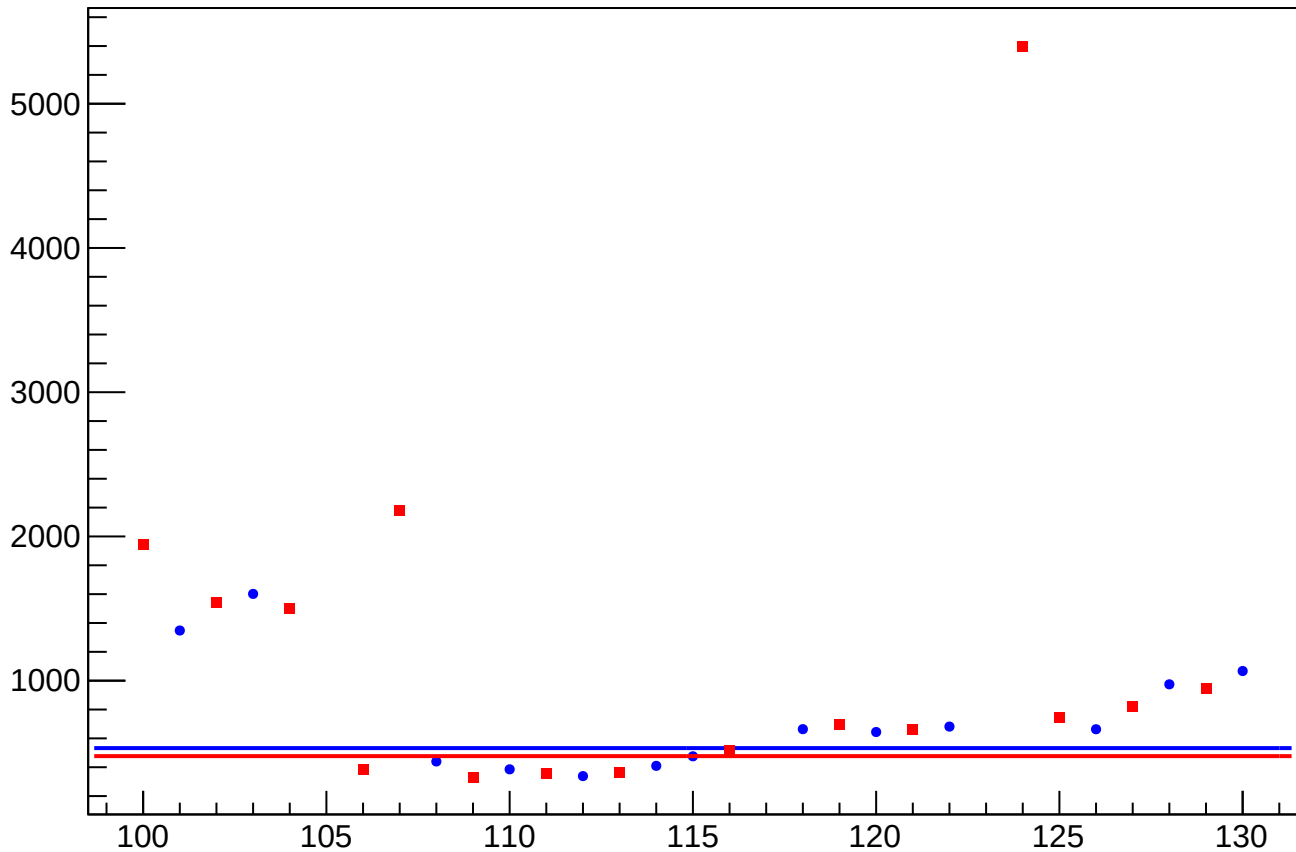
Right: 283.848+/-168.576 χ^2/NDF : 24.9/27

In: 95.787+/-252.825 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 283.848+/-168.576 χ^2/NDF : 24.9/27

asym_atl_avg_atr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 532.582+/-0.179 χ^2/NDF : 2111781.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 476.919+/-0.160 χ^2/NDF : 2816577.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

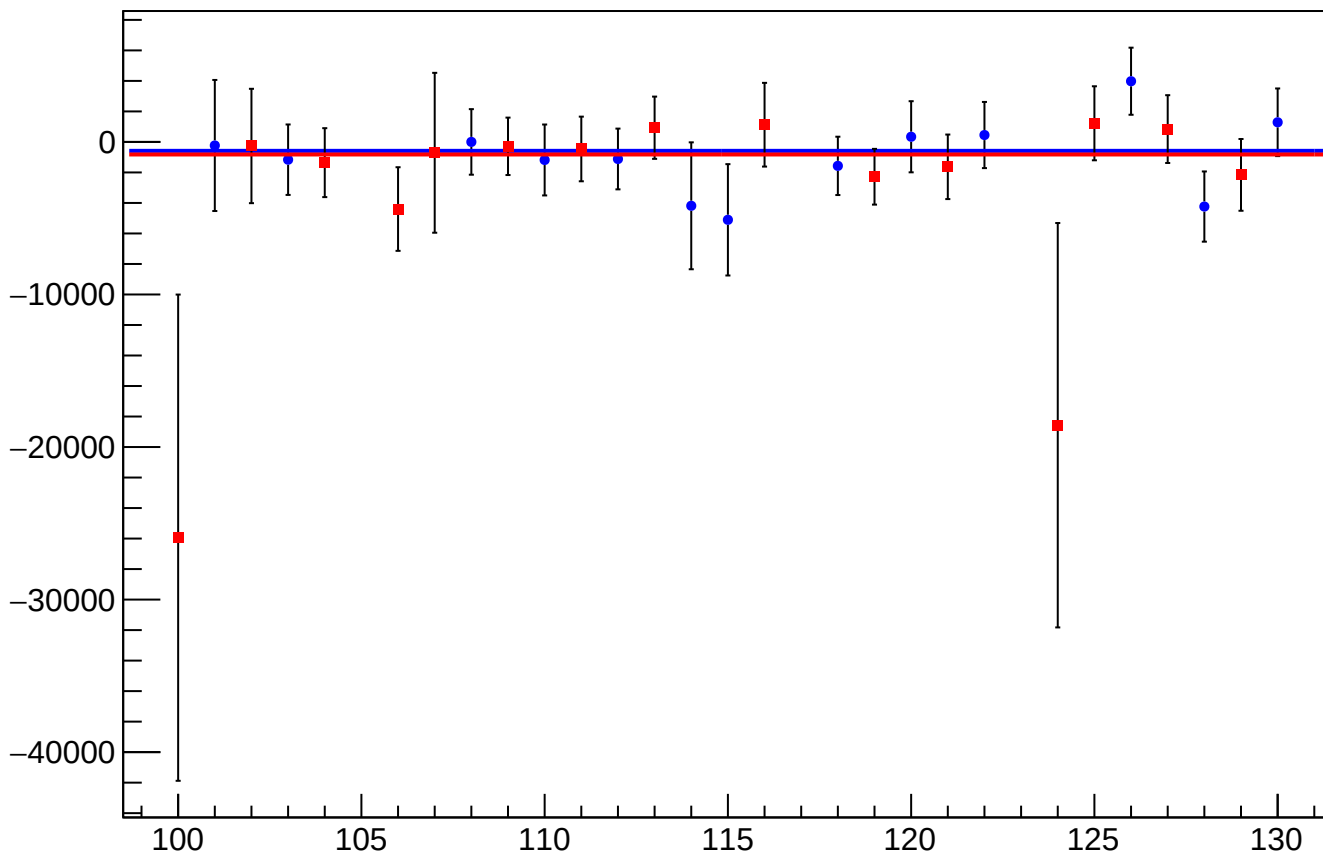
Right: 501.666+/-0.119 χ^2/NDF : 4982203.2/27

In: 532.582+/-0.179 χ^2/NDF : 2111781.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 501.666+/-0.119 χ^2/NDF : 4982203.2/27

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -584.343+/-659.699 χ^2/NDF : 10.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -822.846+/-645.388 χ^2/NDF : 9.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

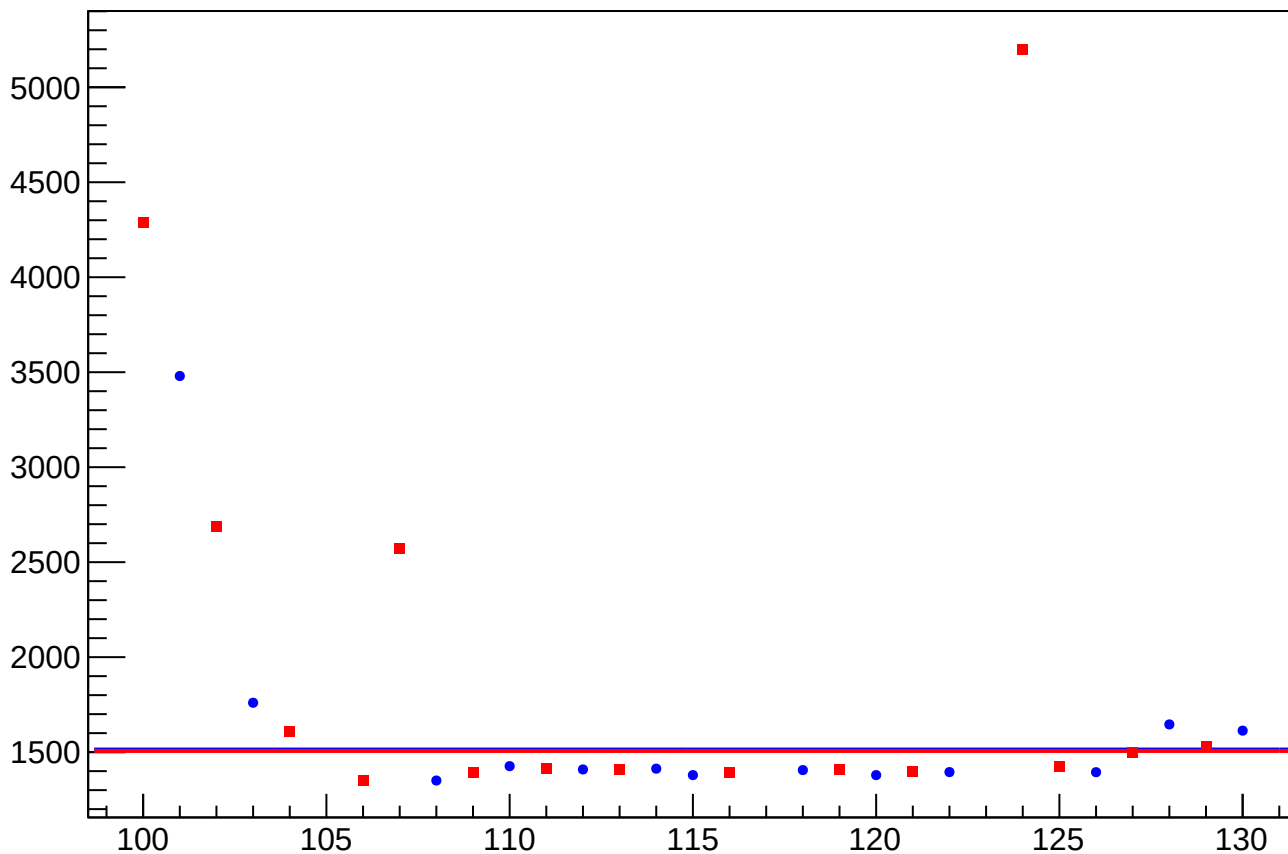
Right: -706.209+/-461.335 χ^2/NDF : 20.6/27

In: -584.343+/-659.699 χ^2/NDF : 10.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -706.209+/-461.335 χ^2/NDF : 20.6/27

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1513.636+/-0.466 χ^2/NDF : 501118.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1506.263+/-0.456 χ^2/NDF : 539818.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

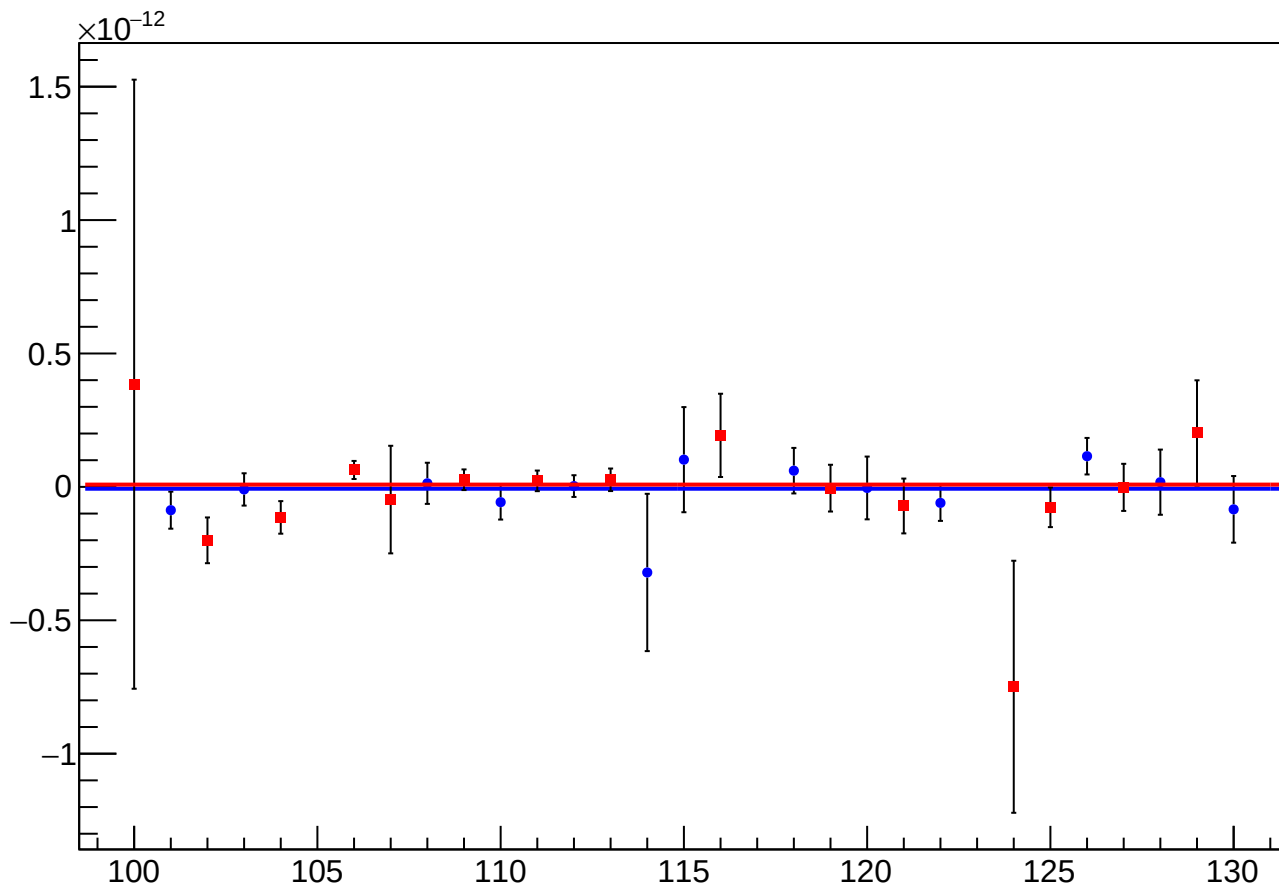
Right: 1509.869+/-0.326 χ^2/NDF : 1041063.8/27

In: 1513.636+/-0.466 χ^2/NDF : 501118.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1509.869+/-0.326 χ^2/NDF : 1041063.8/27

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 20.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

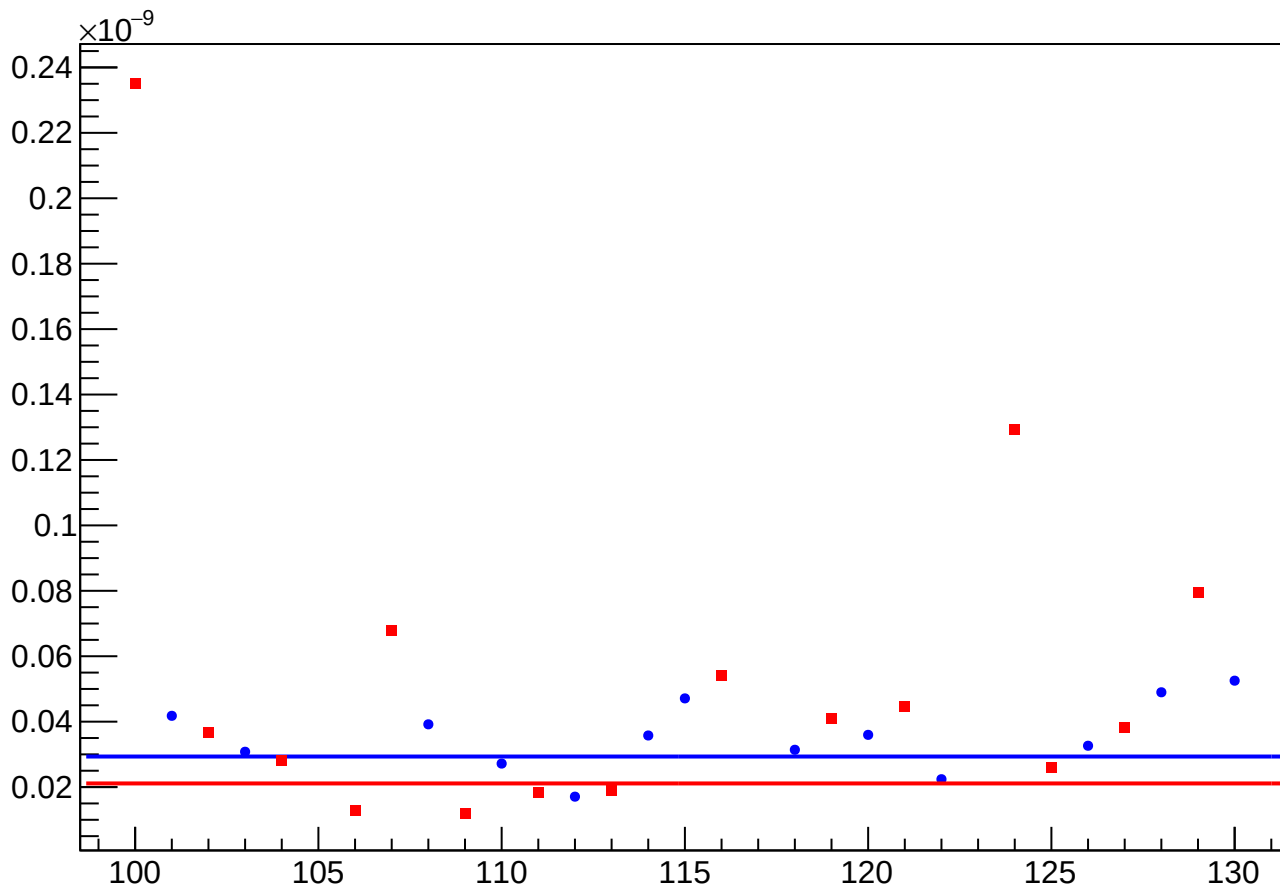
Right: 0.000+/-0.000 χ^2/NDF : 28.9/27

In: -0.000+/-0.000 χ^2/NDF : 8.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.9/27

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 453057.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1182877.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

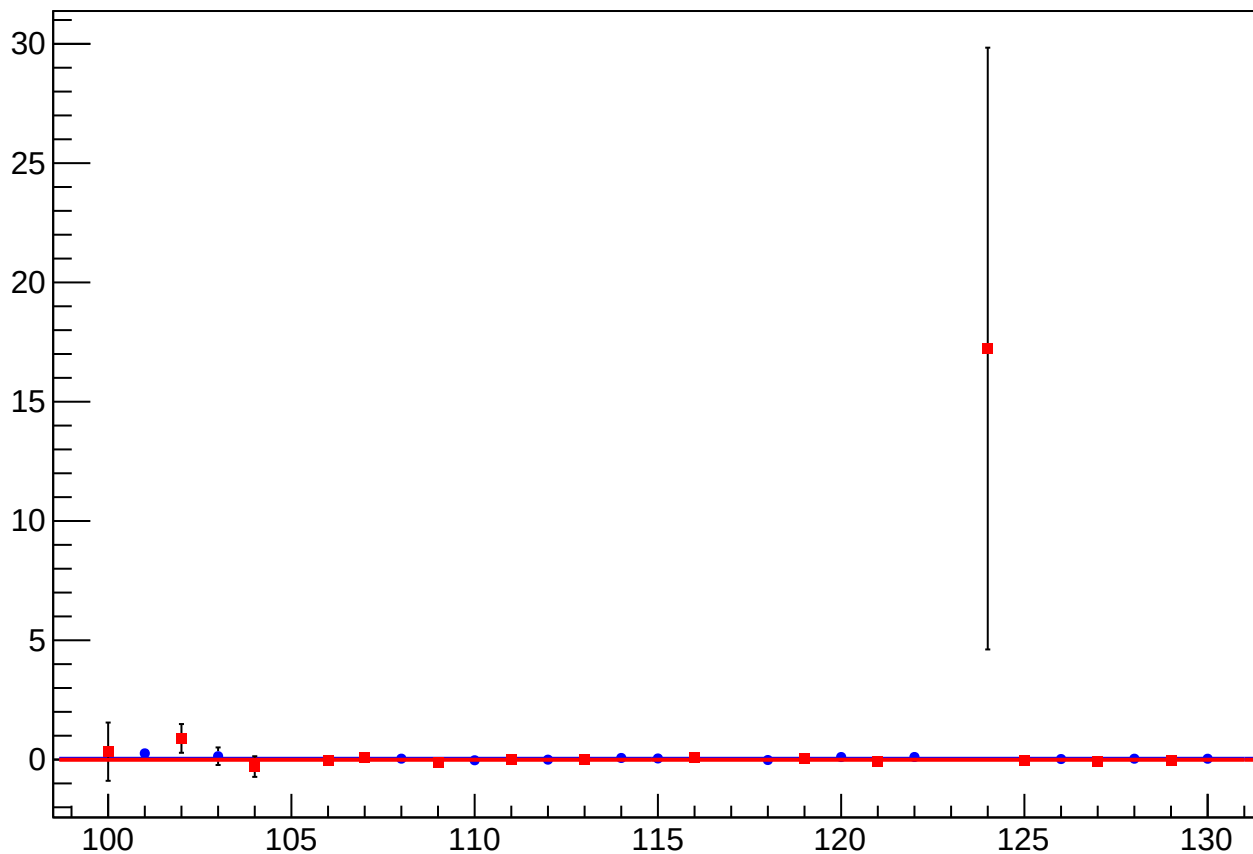
Right: 0.000+/-0.000 χ^2/NDF : 1829895.4/27

In: 0.000+/-0.000 χ^2/NDF : 453057.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1829895.4/27

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.019 χ^2/NDF : 8.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.009+/-0.019 χ^2/NDF : 14.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

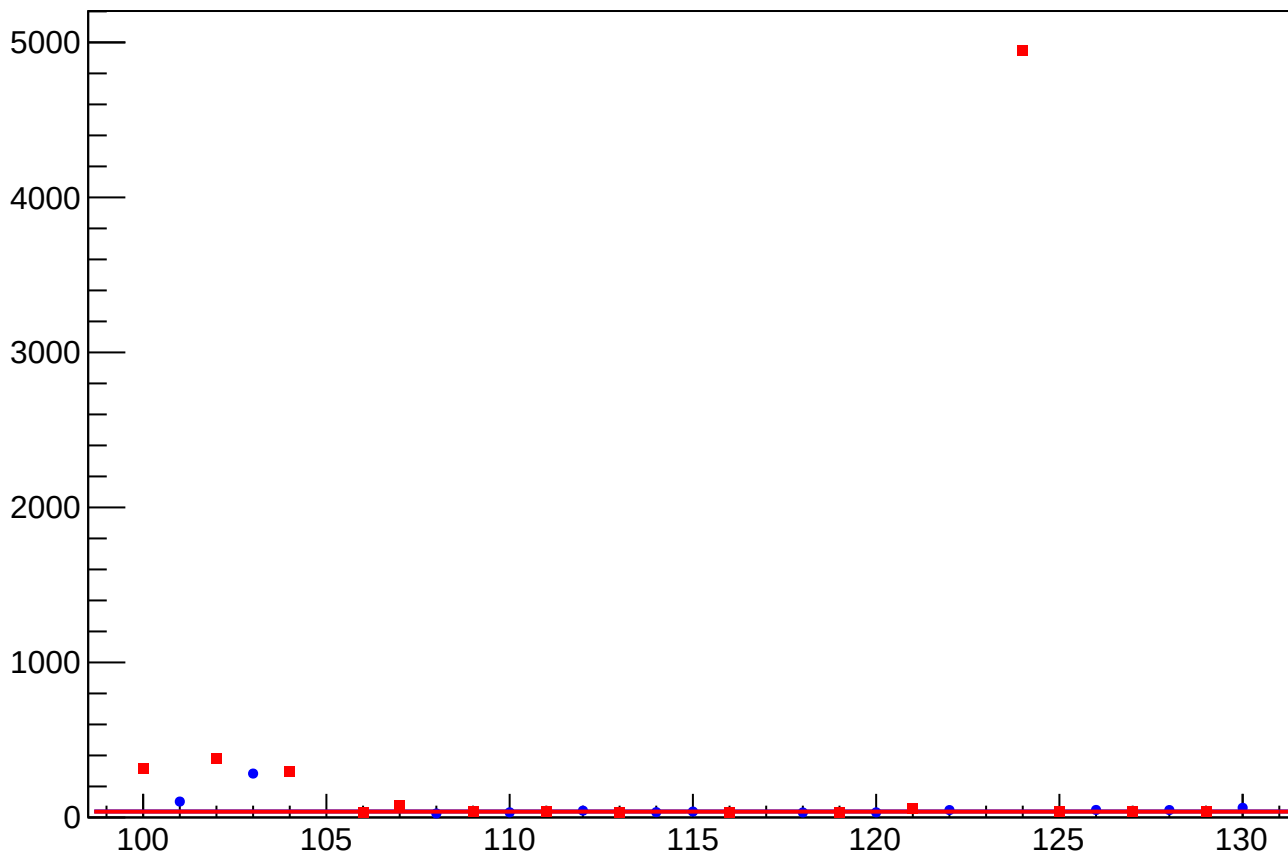
Right: 0.012+/-0.013 χ^2/NDF : 25.5/27

In: 0.033+/-0.019 χ^2/NDF :8.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.013 χ^2/NDF : 25.5/27

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.749+/-0.013 χ^2/NDF : 1825561.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.587+/-0.013 χ^2/NDF : 2065669.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

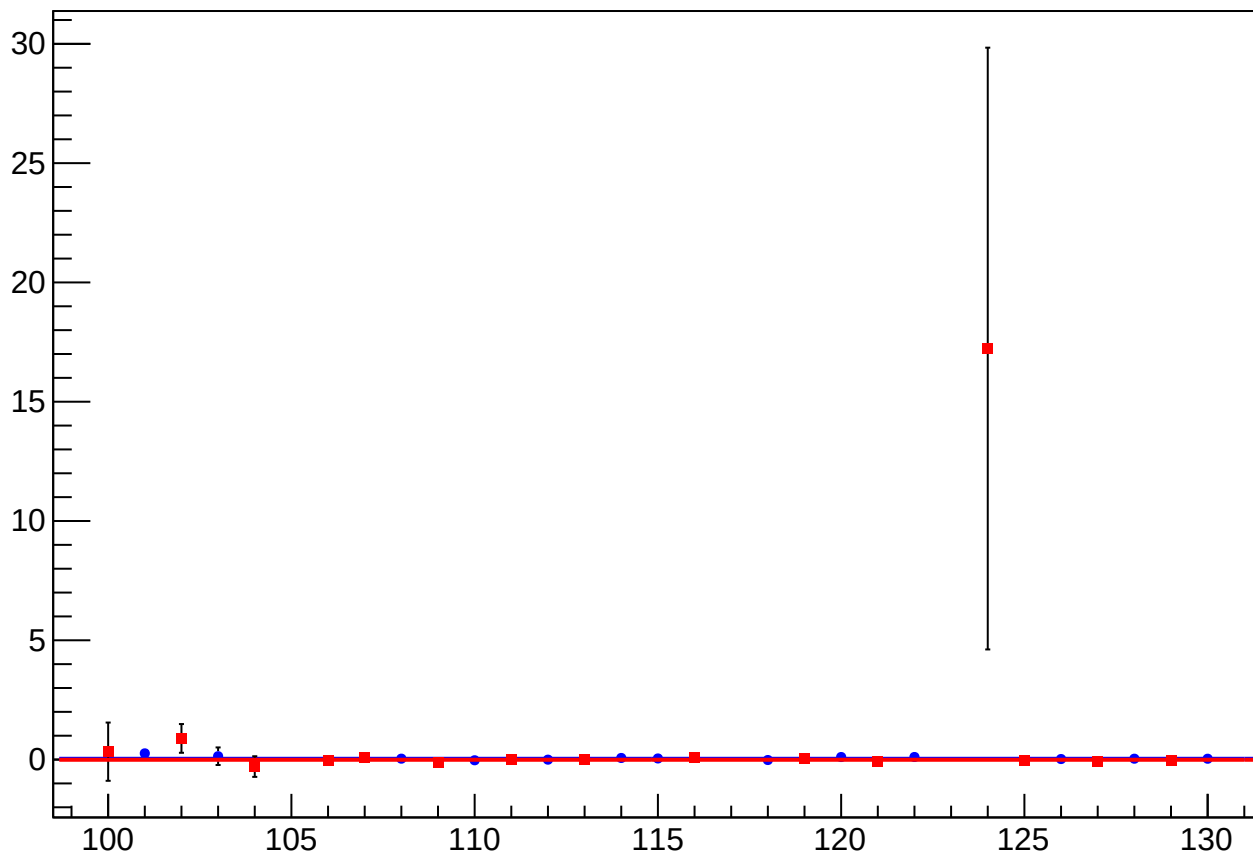
Right: 38.158+/-0.009 χ^2/NDF : 3895016.1/27

In: 38.749+/-0.013 χ^2/NDF : 1825561.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.158+/-0.009 χ^2/NDF : 3895016.1/27

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.019 χ^2/NDF : 8.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.019 χ^2/NDF : 14.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

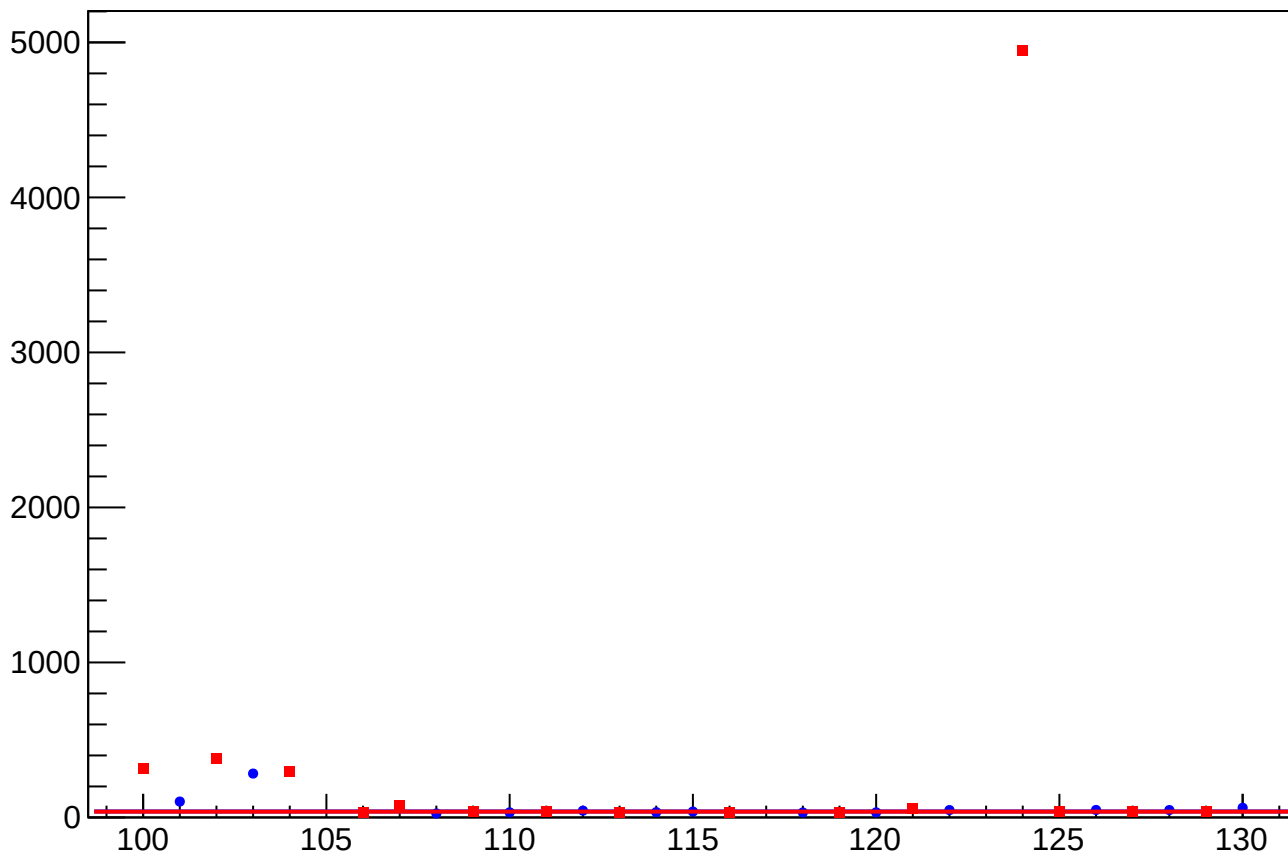
Right: 0.012+/-0.013 χ^2/NDF : 25.5/27

In: 0.033+/-0.019 χ^2/NDF : 8.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.013 χ^2/NDF : 25.5/27

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.749+/-0.013 χ^2/NDF : 1825561.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.587+/-0.013 χ^2/NDF : 2065669.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

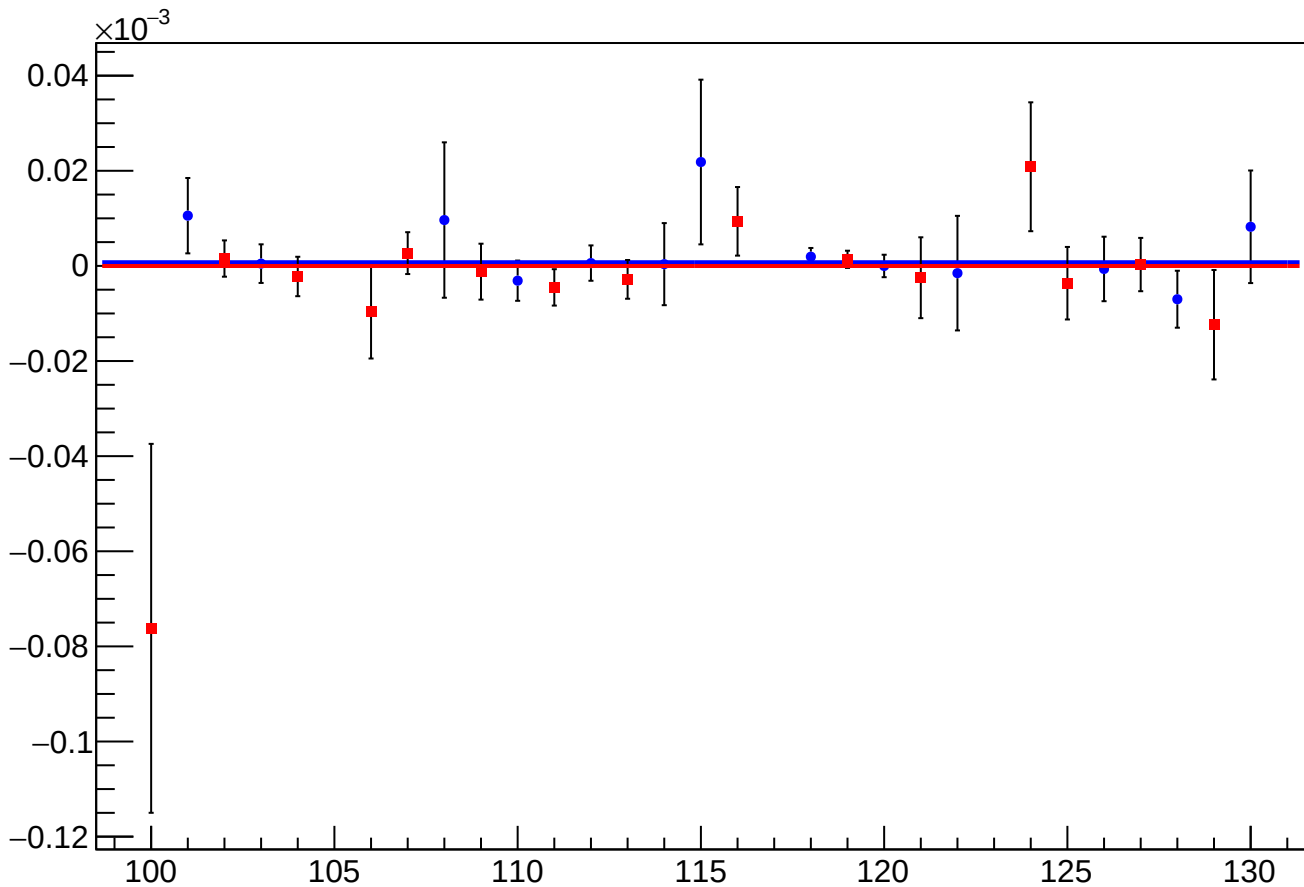
Right: 38.158+/-0.009 χ^2/NDF : 3895016.1/27

In: 38.749+/-0.013 χ^2/NDF : 1825561.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.158+/-0.009 χ^2/NDF : 3895016.1/27

asym_atl_avg_atr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

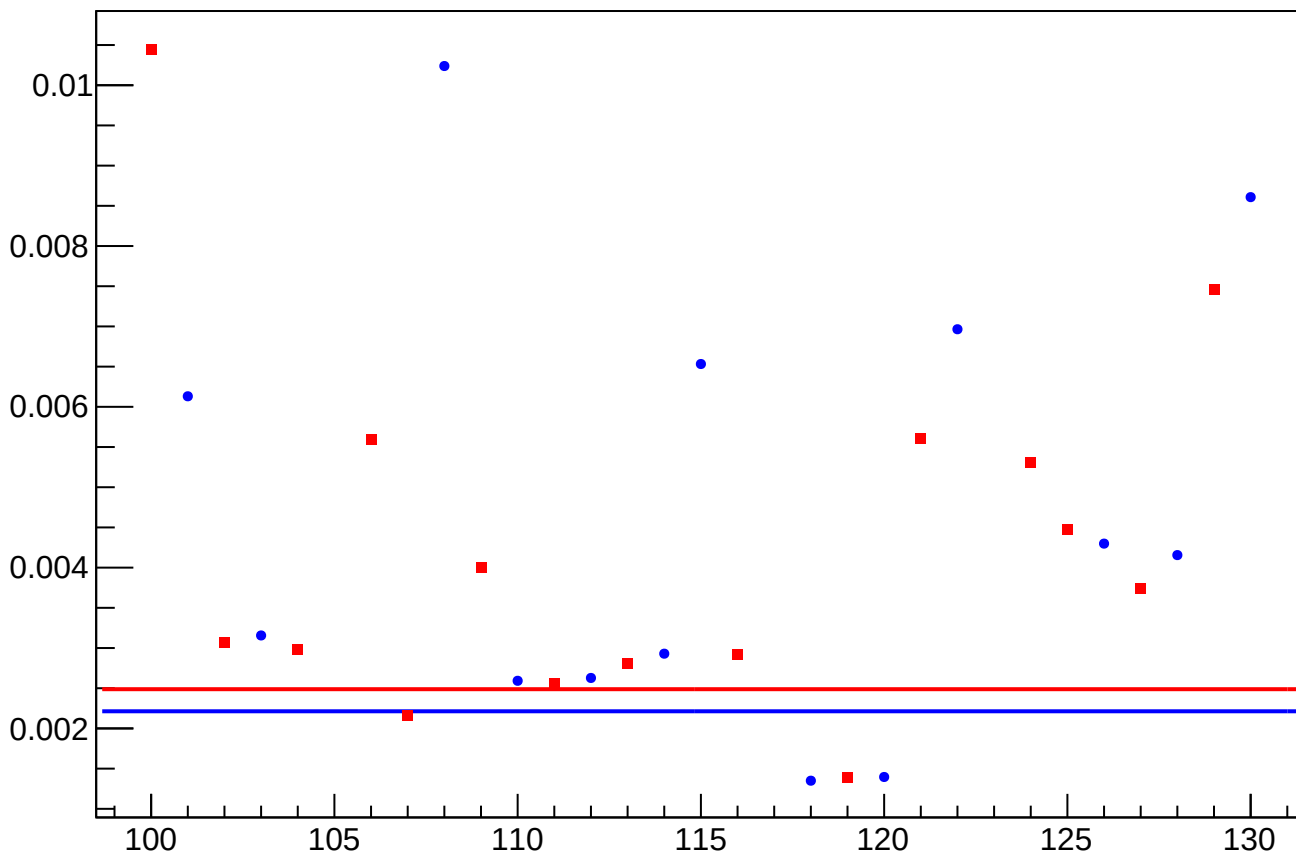
Right: 0.000+/-0.000 χ^2/NDF : 20.8/27

In: 0.000+/-0.000 χ^2/NDF : 6.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.8/27

asym_atl_avg_atr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 3235633.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2223739.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

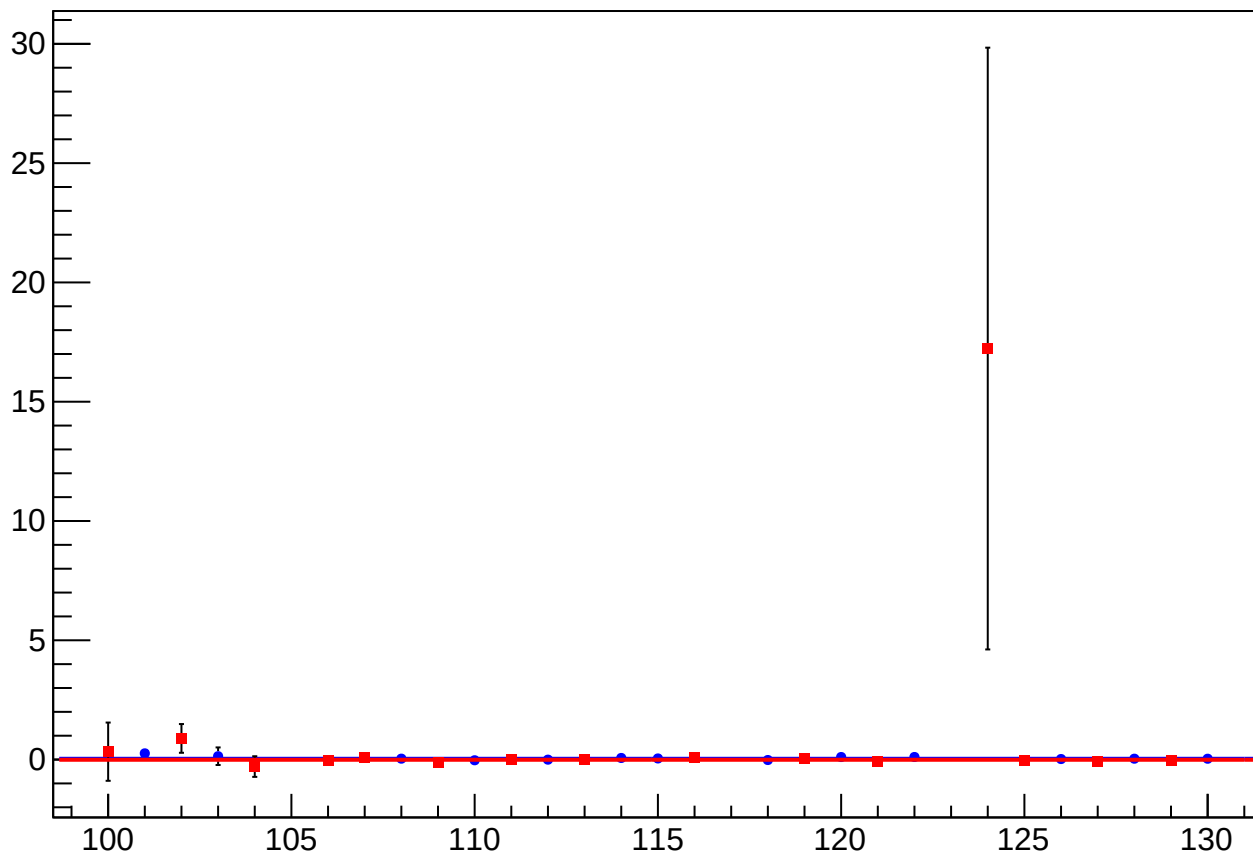
Right: 0.002+/-0.000 χ^2/NDF : 5516502.6/27

In: 0.002+/-0.000 χ^2/NDF :3235633.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5516502.6/27

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.019 χ^2/NDF : 8.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.019 χ^2/NDF : 14.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

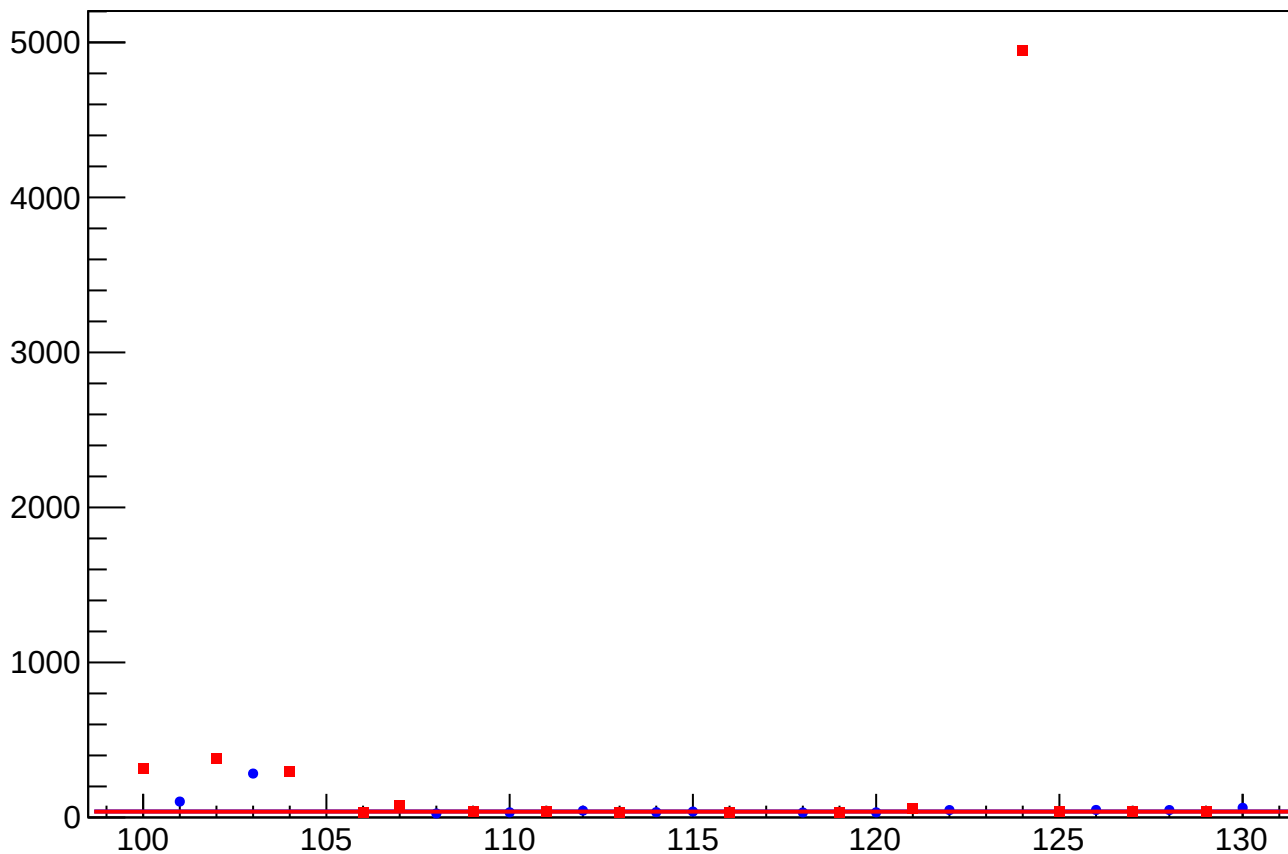
Right: 0.012+/-0.013 χ^2/NDF : 25.5/27

In: 0.033+/-0.019 χ^2/NDF : 8.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.013 χ^2/NDF : 25.5/27

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.749+/-0.013 χ^2/NDF : 1825423.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.586+/-0.013 χ^2/NDF : 2065660.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

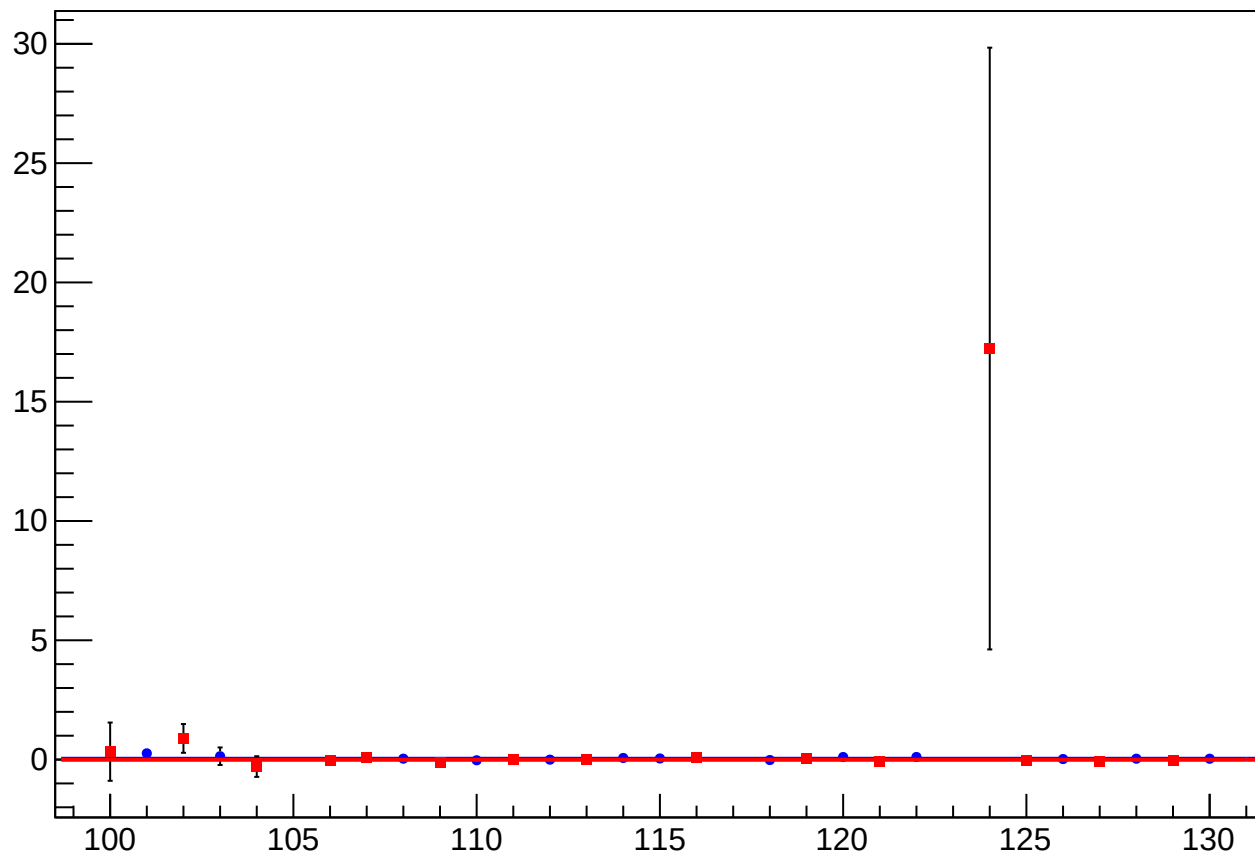
Right: 38.158+/-0.009 χ^2/NDF : 3894877.0/27

In: 38.749+/-0.013 χ^2/NDF : 1825423.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.158+/-0.009 χ^2/NDF : 3894877.0/27

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.019 χ^2/NDF : 8.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.019 χ^2/NDF : 14.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

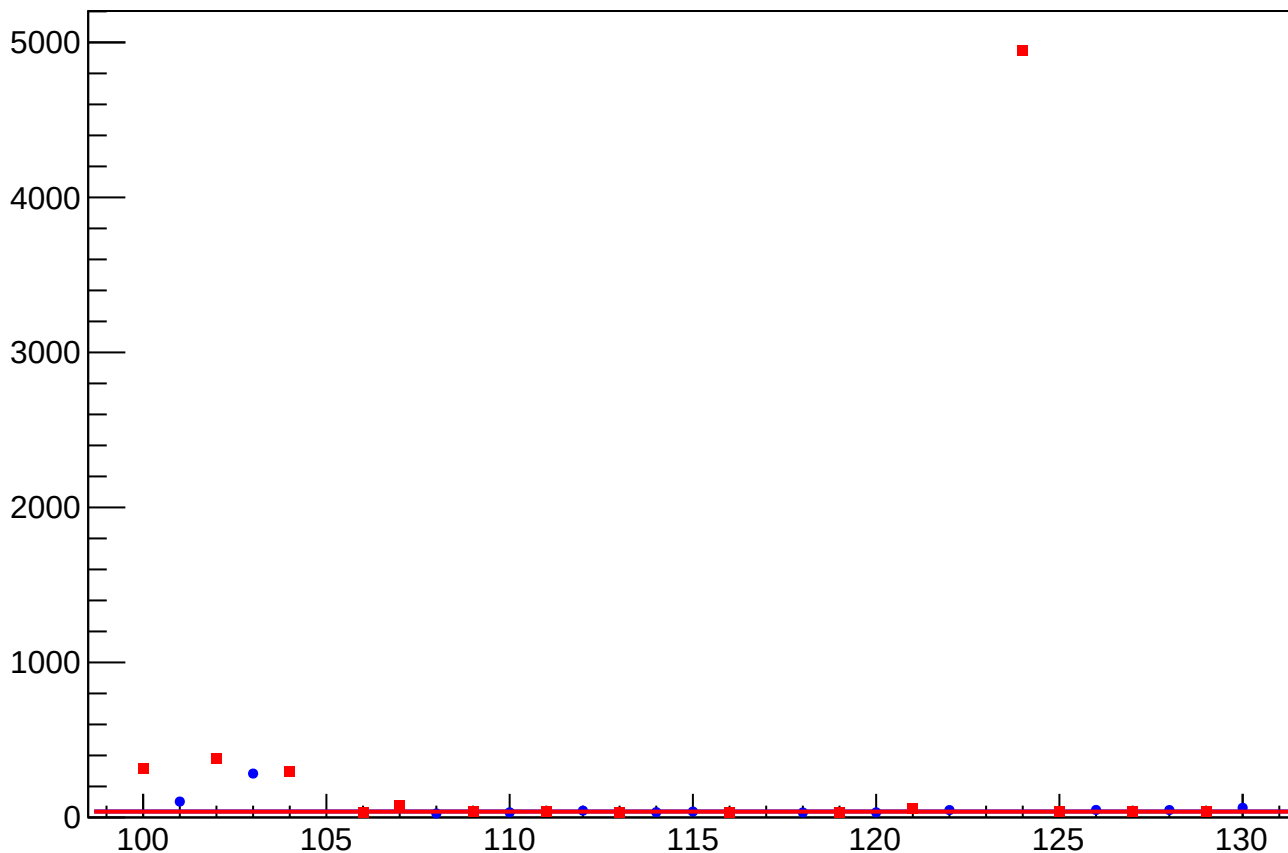
Right: 0.012+/-0.013 χ^2/NDF : 25.5/27

In: 0.033+/-0.019 χ^2/NDF : 8.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.013 χ^2/NDF : 25.5/27

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.749+/-0.013 χ^2/NDF : 1825423.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.586+/-0.013 χ^2/NDF : 2065660.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

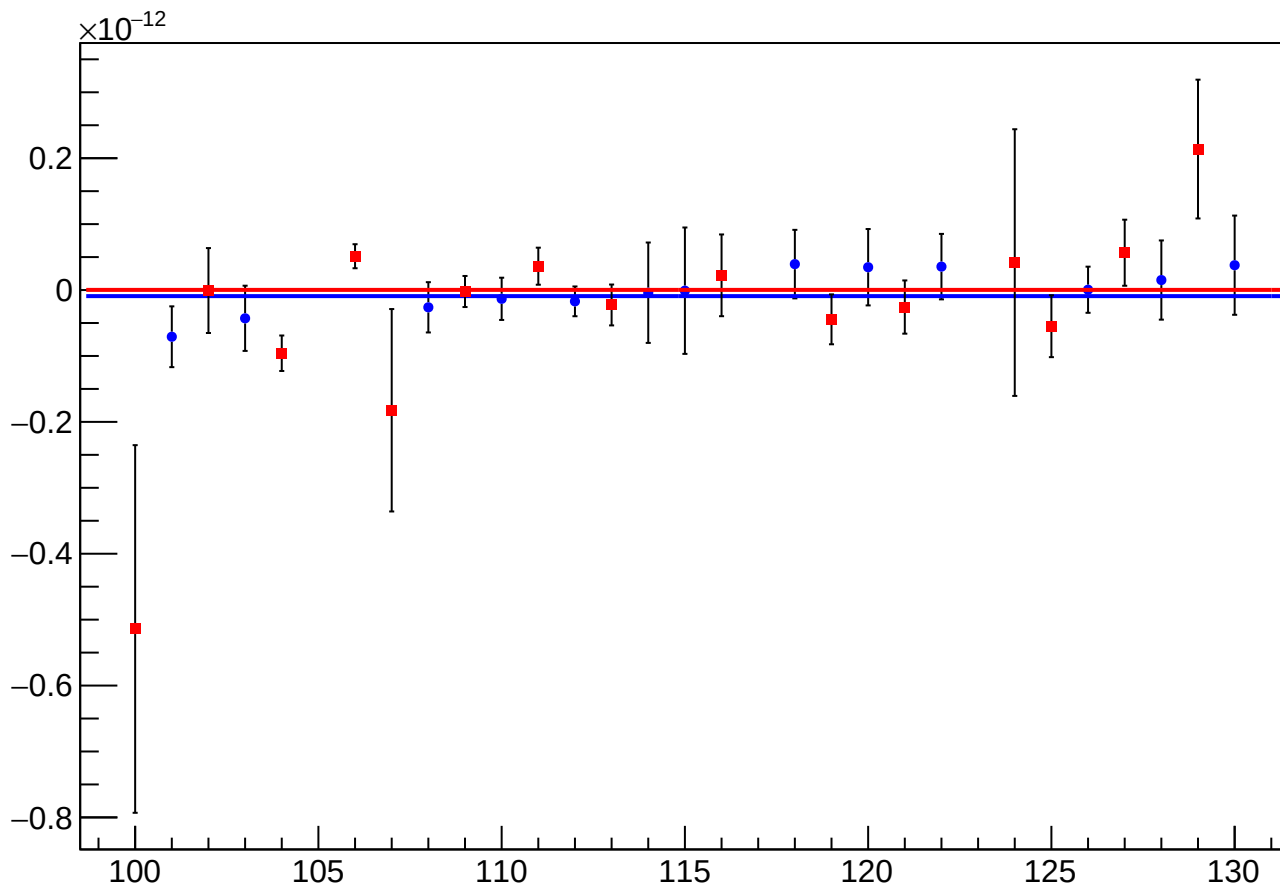
Right: 38.158+/-0.009 χ^2/NDF : 3894877.0/27

In: 38.749+/-0.013 χ^2/NDF : 1825423.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.158+/-0.009 χ^2/NDF : 3894877.0/27

asym_atl_avg_atr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 36.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

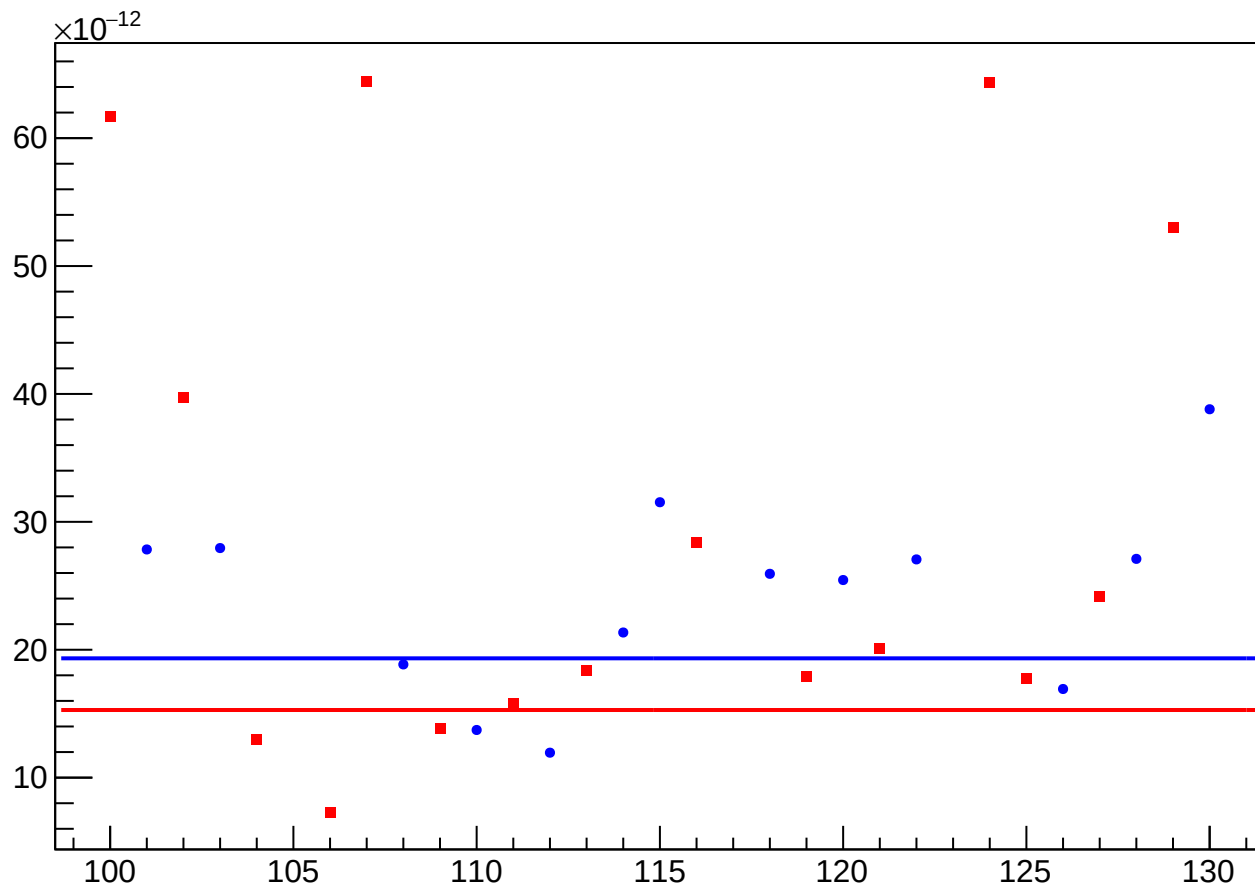
Right: -0.000+/-0.000 χ^2/NDF : 42.2/27

In: -0.000+/-0.000 χ^2/NDF : 5.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 42.2/27

asym_atl_avg_atr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 717687.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1550145.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

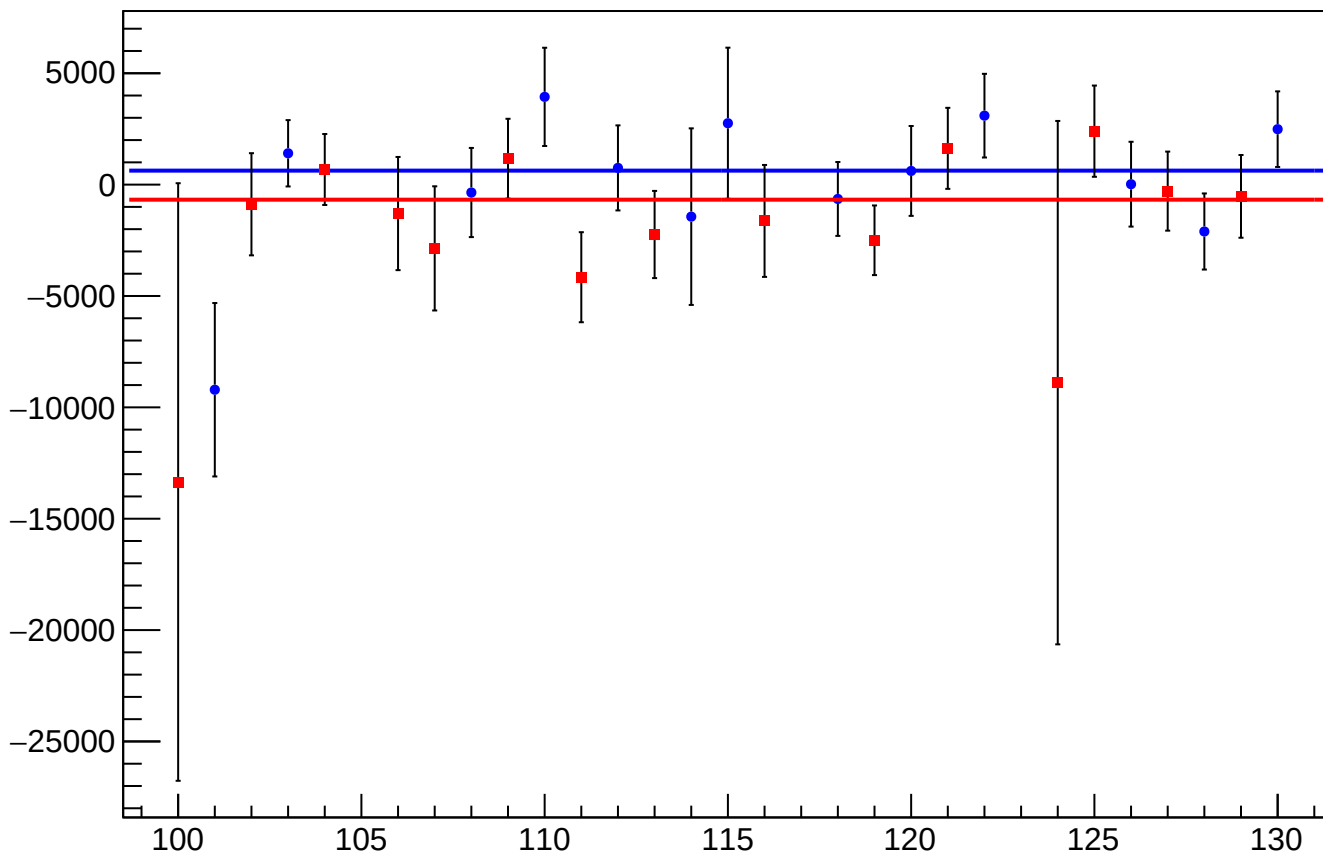
Right: 0.000+/-0.000 χ^2/NDF : 2410683.5/27

In: 0.000+/-0.000 χ^2/NDF : 717687.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2410683.5/27

reg_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 628.500+/-554.270 χ^2/NDF : 16.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -676.237+/-541.250 χ^2/NDF : 12.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

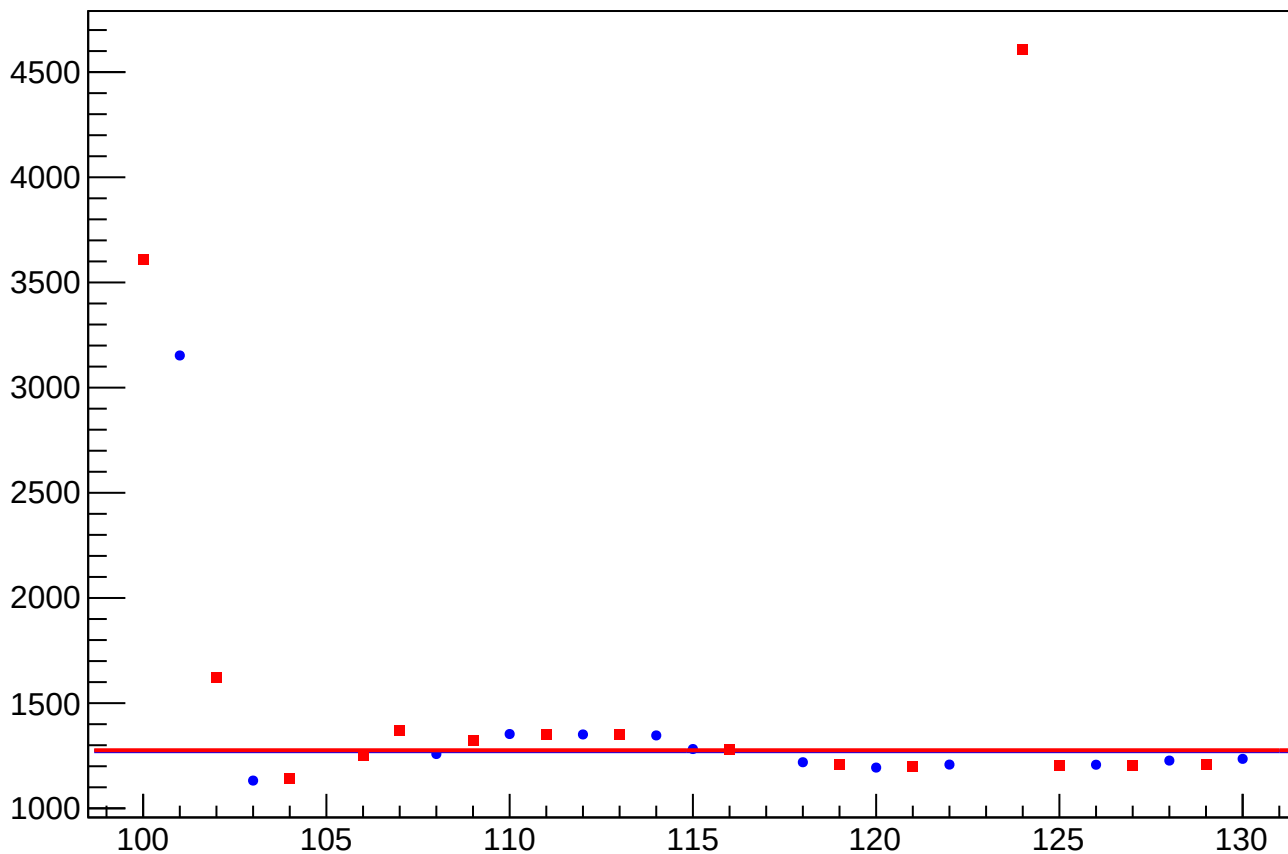
Right: -39.373+/-387.243 χ^2/NDF : 31.7/27

In: 628.500+/-554.270 χ^2/NDF : 16.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.373+/-387.243 χ^2/NDF : 31.7/27

reg_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1271.666+/-0.392 χ^2/NDF : 503495.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1276.045+/-0.383 χ^2/NDF : 307545.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

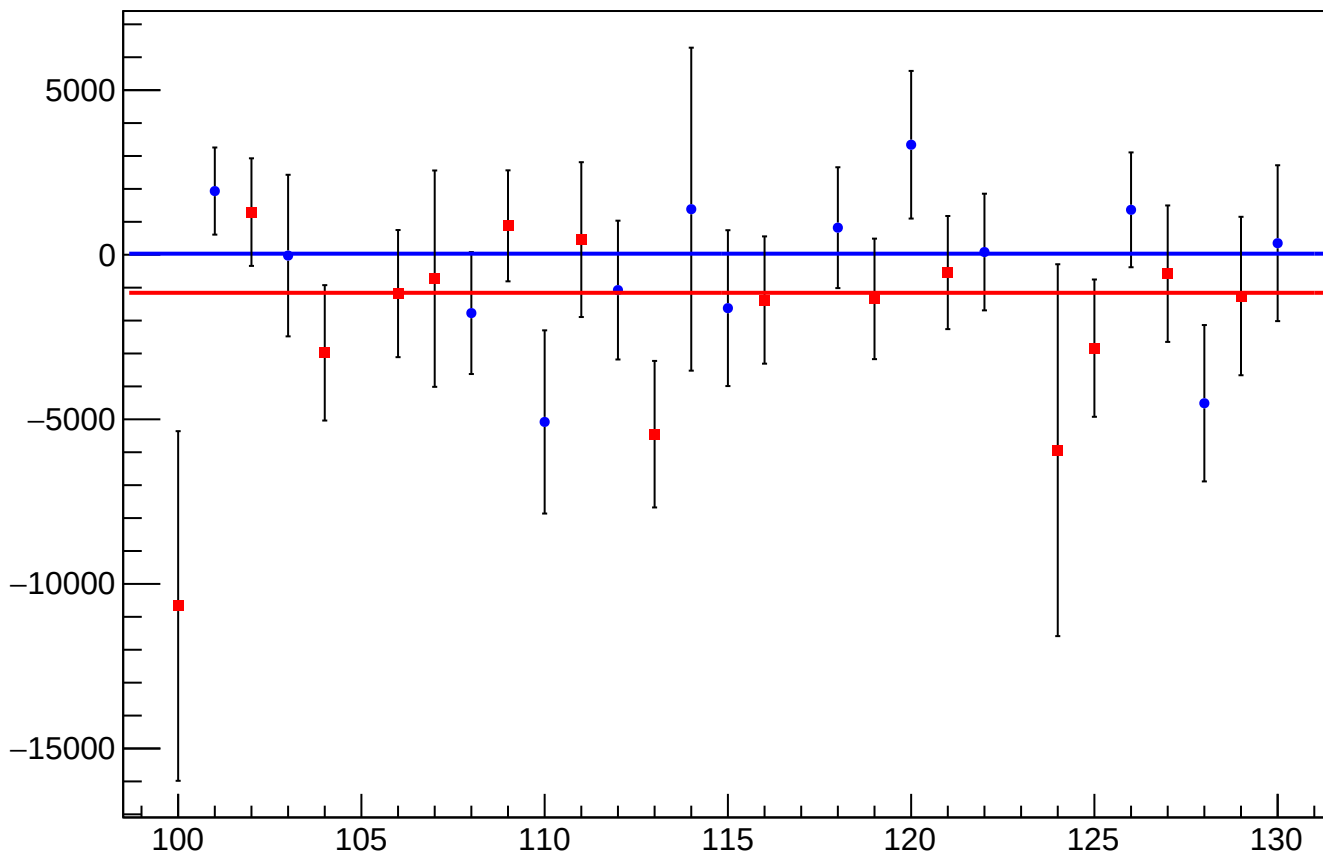
Right: 1273.907+/-0.274 χ^2/NDF : 811104.1/27

In: 1271.666+/-0.392 χ^2/NDF : 503495.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1273.907+/-0.274 χ^2/NDF : 811104.1/27

asym_atl_dd_atr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 32.145+/-567.884 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1156.433+/-549.435 χ^2/NDF : 13.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

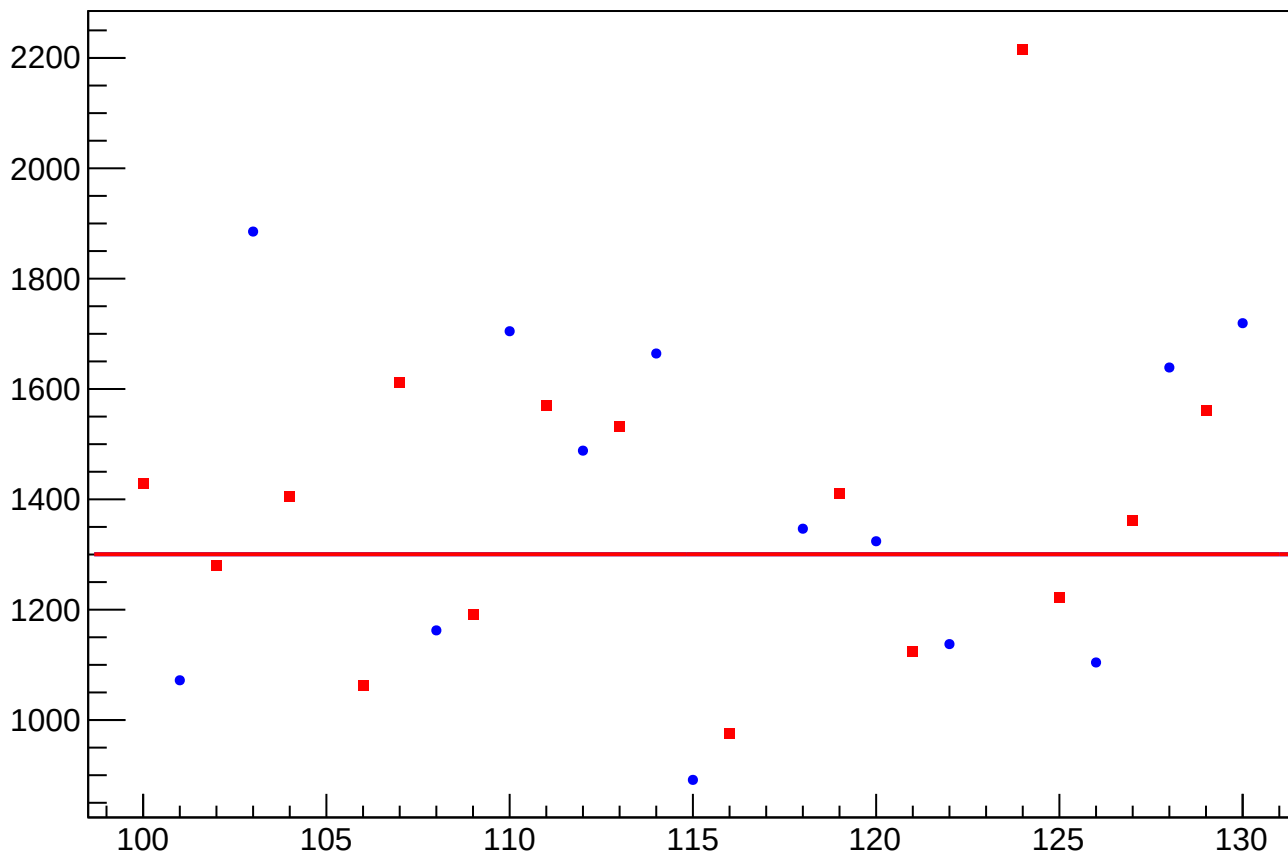
Right: -581.763+/-394.870 χ^2/NDF : 29.6/27

In: 32.145+/-567.884 χ^2/NDF : 13.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -581.763+/-394.870 χ^2/NDF : 29.6/27

asym_atl_dd_atr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1300.436+/-0.402 χ^2/NDF : 459847.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1300.486+/-0.389 χ^2/NDF : 276356.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

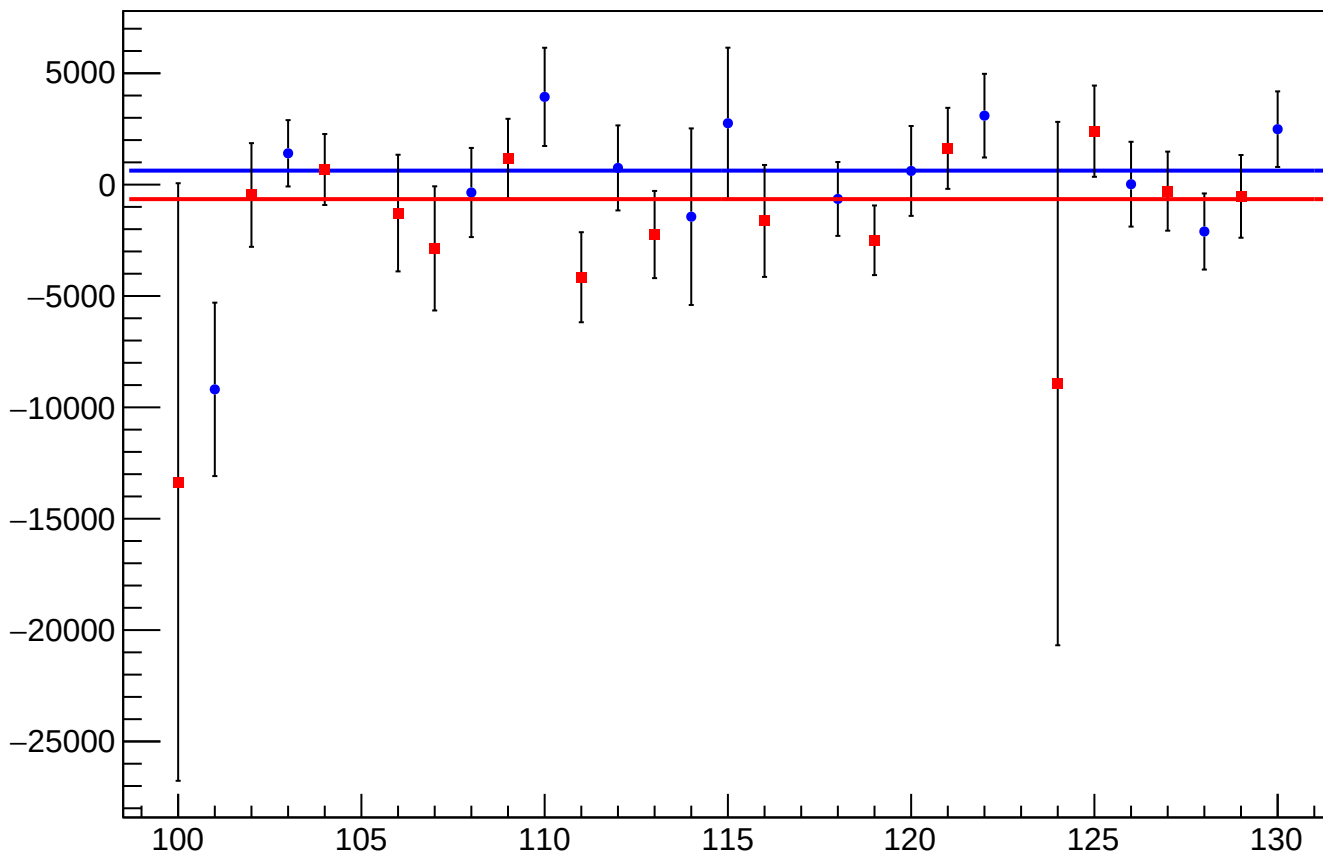
Right: 1300.462+/-0.279 χ^2/NDF : 736204.4/27

In: 1300.436+/-0.402 χ^2/NDF :459847.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1300.462+/-0.279 χ^2/NDF : 736204.4/27

cor_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 628.870+/-554.270 χ^2/NDF : 16.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -650.915+/-542.419 χ^2/NDF : 12.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

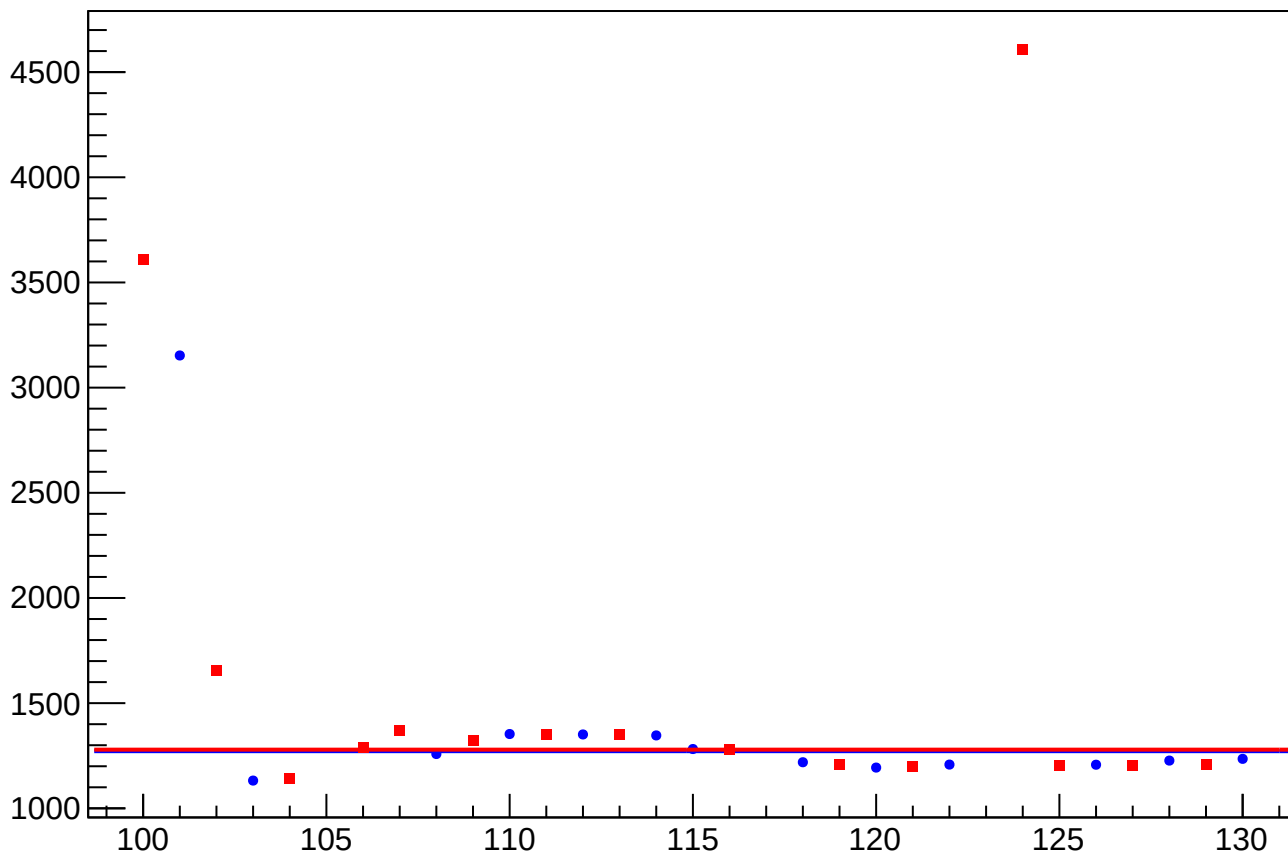
Right: -24.851+/-387.670 χ^2/NDF : 31.6/27

In: 628.870+/-554.270 χ^2/NDF : 16.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.851+/-387.670 χ^2/NDF : 31.6/27

cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1271.666+/-0.392 χ^2/NDF : 503496.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1278.925+/-0.384 χ^2/NDF : 314439.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

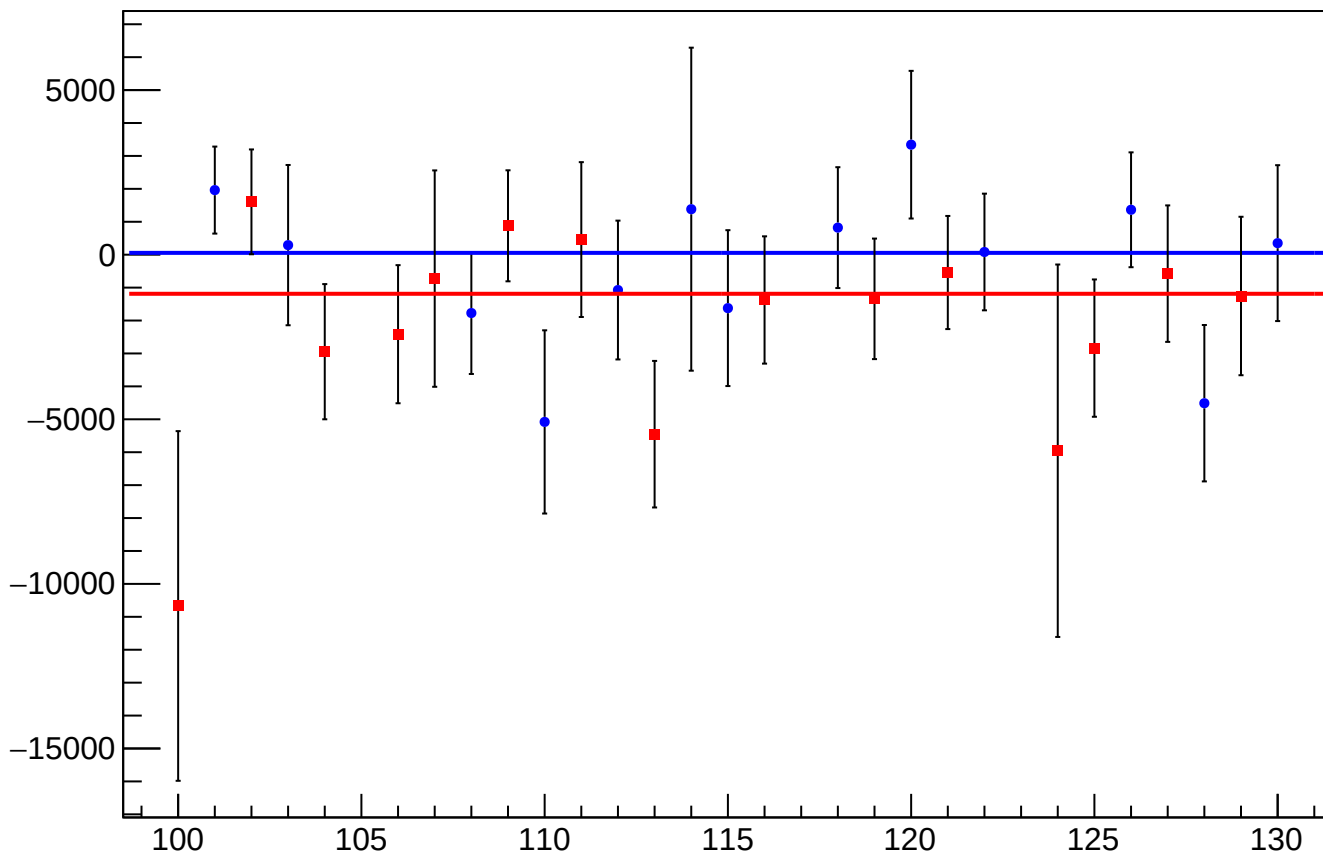
Right: 1275.374+/-0.274 χ^2/NDF : 818110.7/27

In: 1271.666+/-0.392 χ^2/NDF : 503496.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1275.374+/-0.274 χ^2/NDF : 818110.7/27

asym_atl_dd_atr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 55.436+/-567.466 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1187.445+/-551.106 χ^2/NDF : 14.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

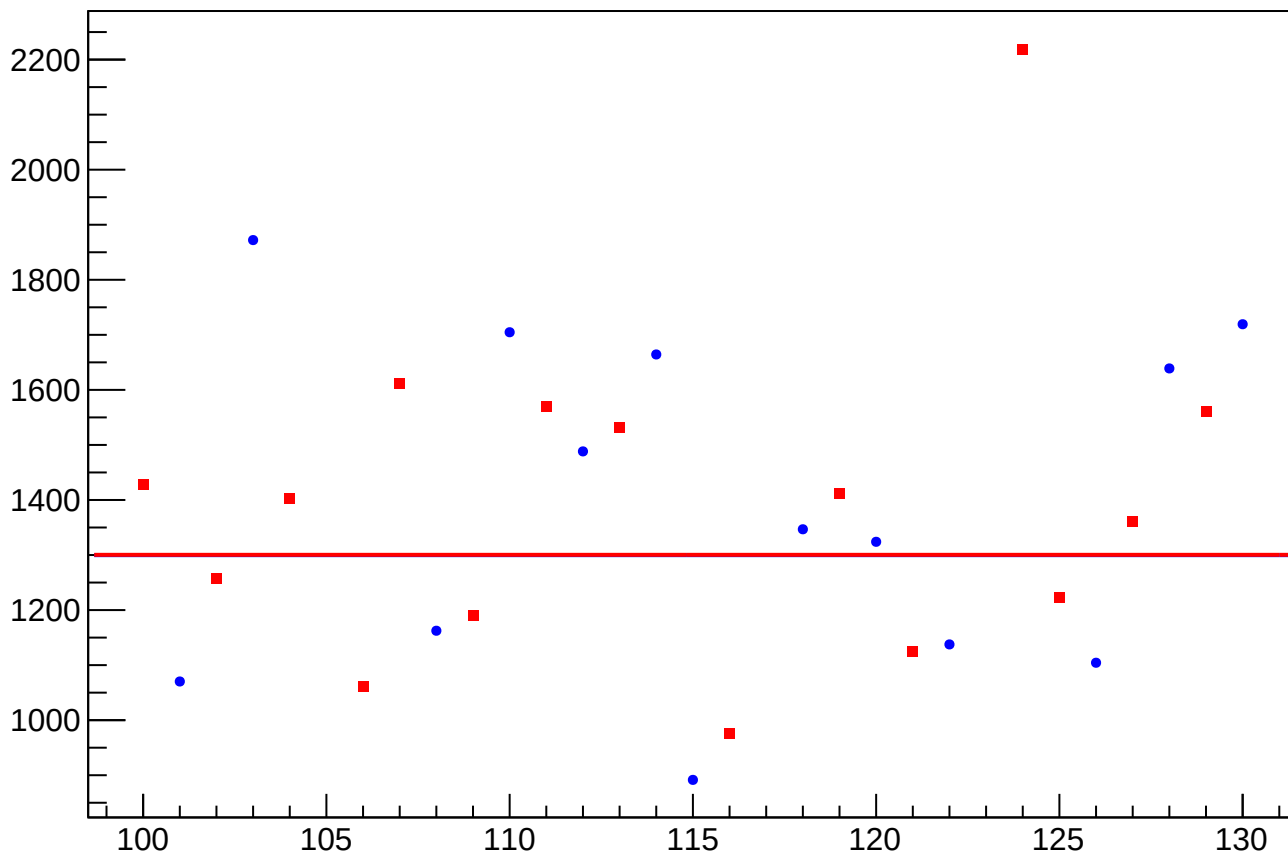
Right: -584.179+/-395.348 χ^2/NDF : 31.0/27

In: 55.436+/-567.466 χ^2/NDF : 13.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -584.179+/-395.348 χ^2/NDF : 31.0/27

asym_atl_dd_atr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1299.777+/-0.401 χ^2/NDF : 457702.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1300.363+/-0.390 χ^2/NDF : 273476.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

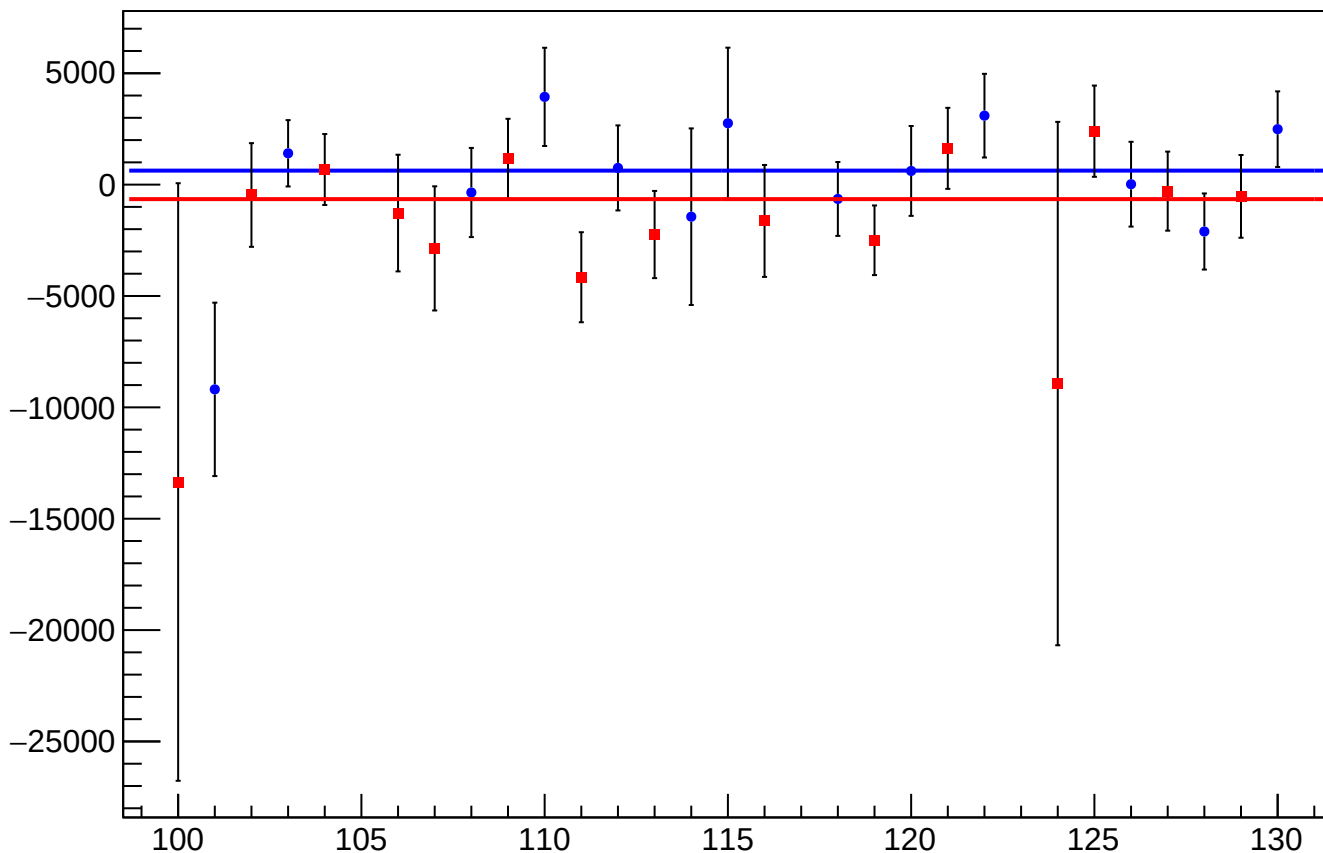
Right: 1300.078+/-0.280 χ^2/NDF : 731180.0/27

In: 1299.777+/-0.401 χ^2/NDF : 457702.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1300.078+/-0.280 χ^2/NDF : 731180.0/27

eigen_cor_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 628.870+/-554.270 χ^2/NDF : 16.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -650.915+/-542.419 χ^2/NDF : 12.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

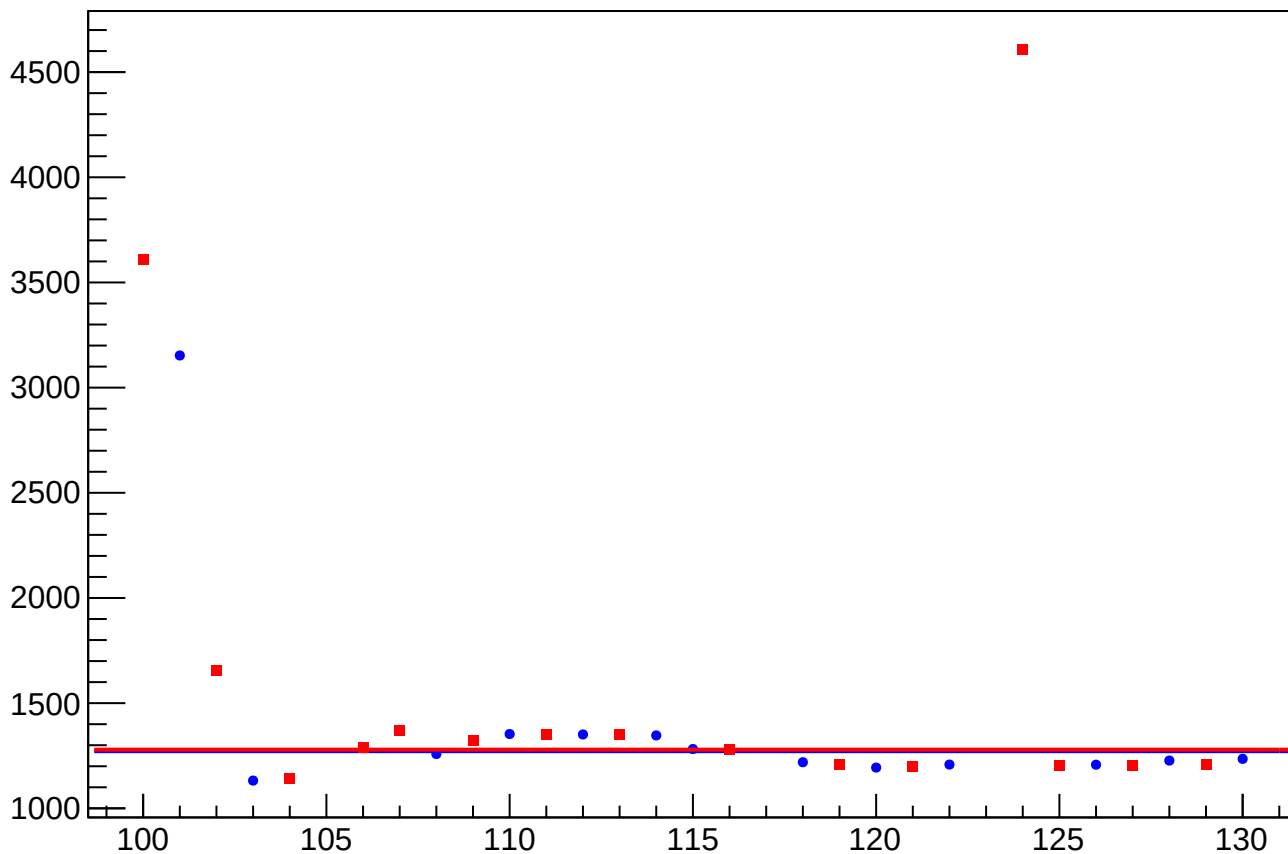
Right: -24.851+/-387.670 χ^2/NDF : 31.6/27

In: 628.870+/-554.270 χ^2/NDF :16.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -24.851+/-387.670 χ^2/NDF : 31.6/27

eigen_cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1271.666+/-0.392 χ^2/NDF : 503496.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1278.925+/-0.384 χ^2/NDF : 314439.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

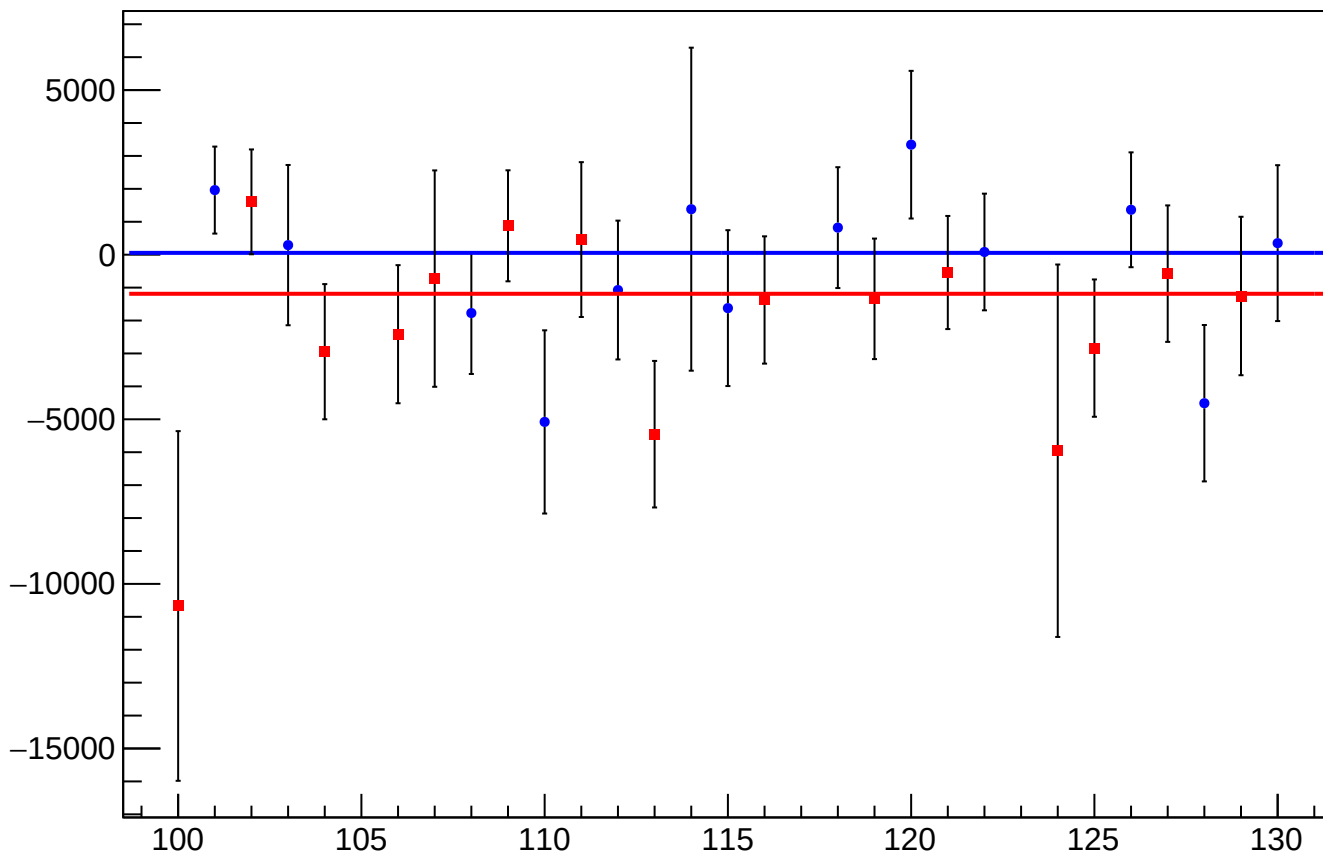
Right: 1275.374+/-0.274 χ^2/NDF : 818110.7/27

In: 1271.666+/-0.392 χ^2/NDF : 503496.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1275.374+/-0.274 χ^2/NDF : 818110.7/27

asym_atl_dd_atr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 55.436+/-567.466 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1187.445+/-551.106 χ^2/NDF : 14.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

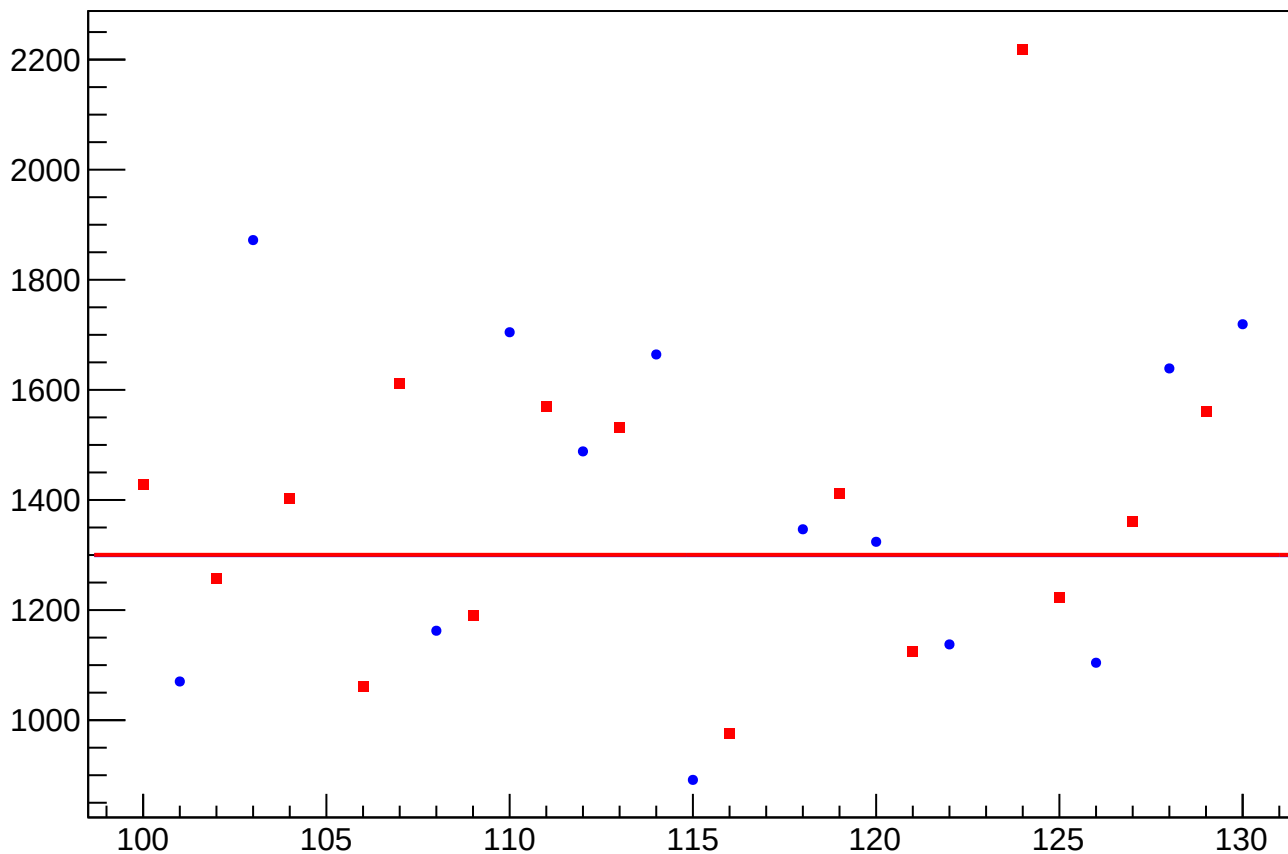
Right: -584.179+/-395.348 χ^2/NDF : 31.0/27

In: 55.436+/-567.466 χ^2/NDF : 13.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -584.179+/-395.348 χ^2/NDF : 31.0/27

asym_atl_dd_atr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1299.777+/-0.401 χ^2 /NDF: 457702.3/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1300.363+/-0.390 χ^2 /NDF: 273476.6/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

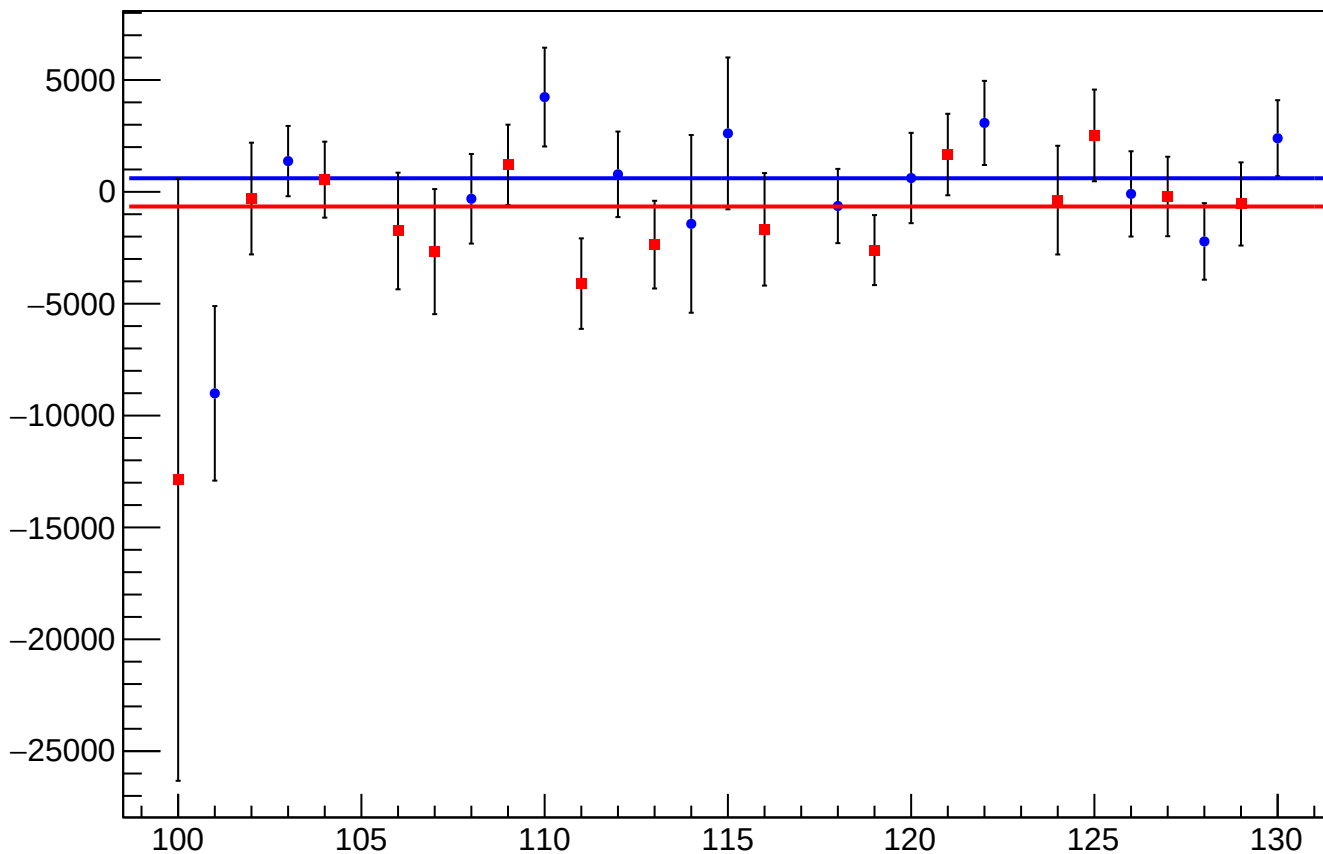
Right: 1300.078+/-0.280 χ^2 /NDF: 731180.0/27

In: 1299.777+/-0.401 χ^2 /NDF:457702.3/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1300.078+/-0.280 χ^2 /NDF: 731180.0/27

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 608.286+/-558.725 χ^2/NDF : 16.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -654.363+/-535.723 χ^2/NDF : 12.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

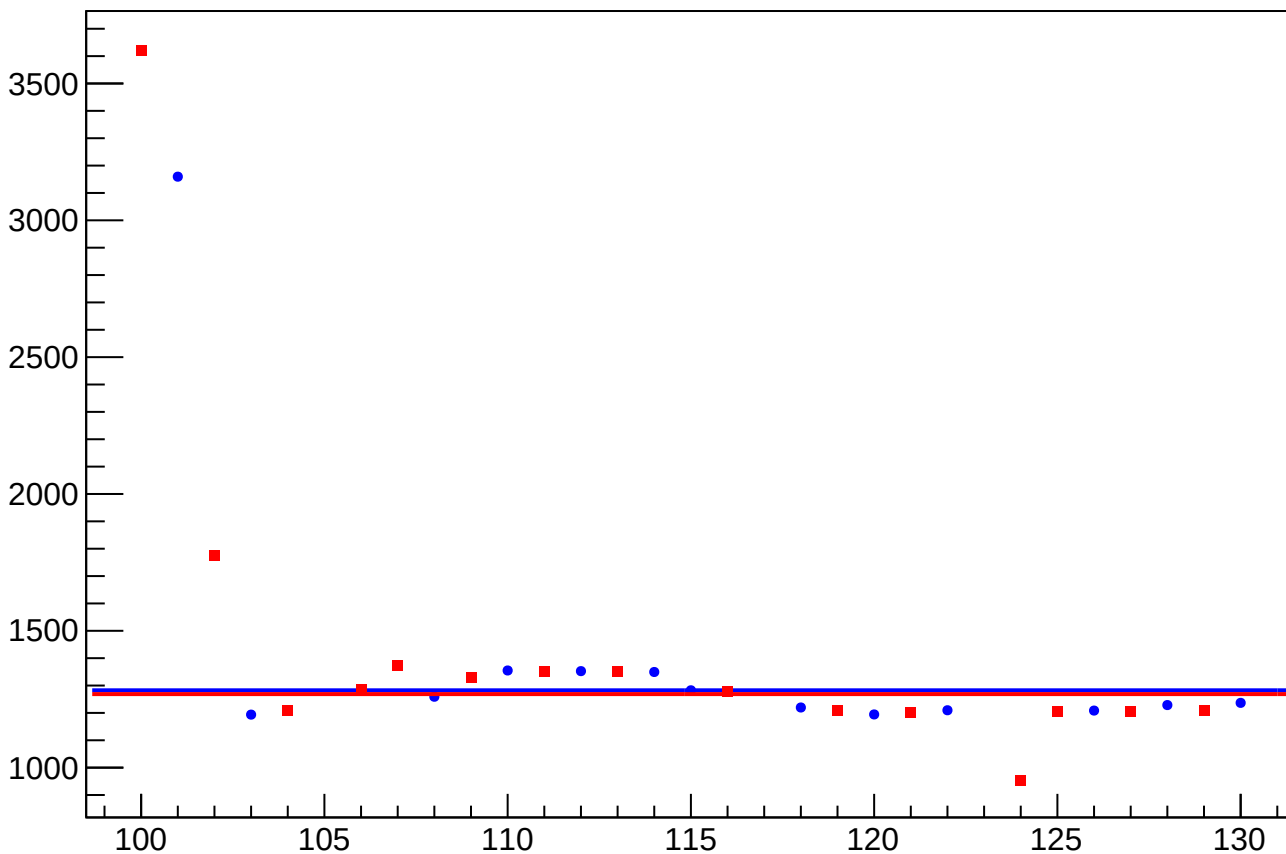
Right: -49.564+/-386.690 χ^2/NDF : 31.4/27

In: 608.286+/-558.725 χ^2/NDF : 16.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -49.564+/-386.690 χ^2/NDF : 31.4/27

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1282.584+/-0.395 χ^2/NDF : 491127.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1268.720+/-0.379 χ^2/NDF : 204535.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

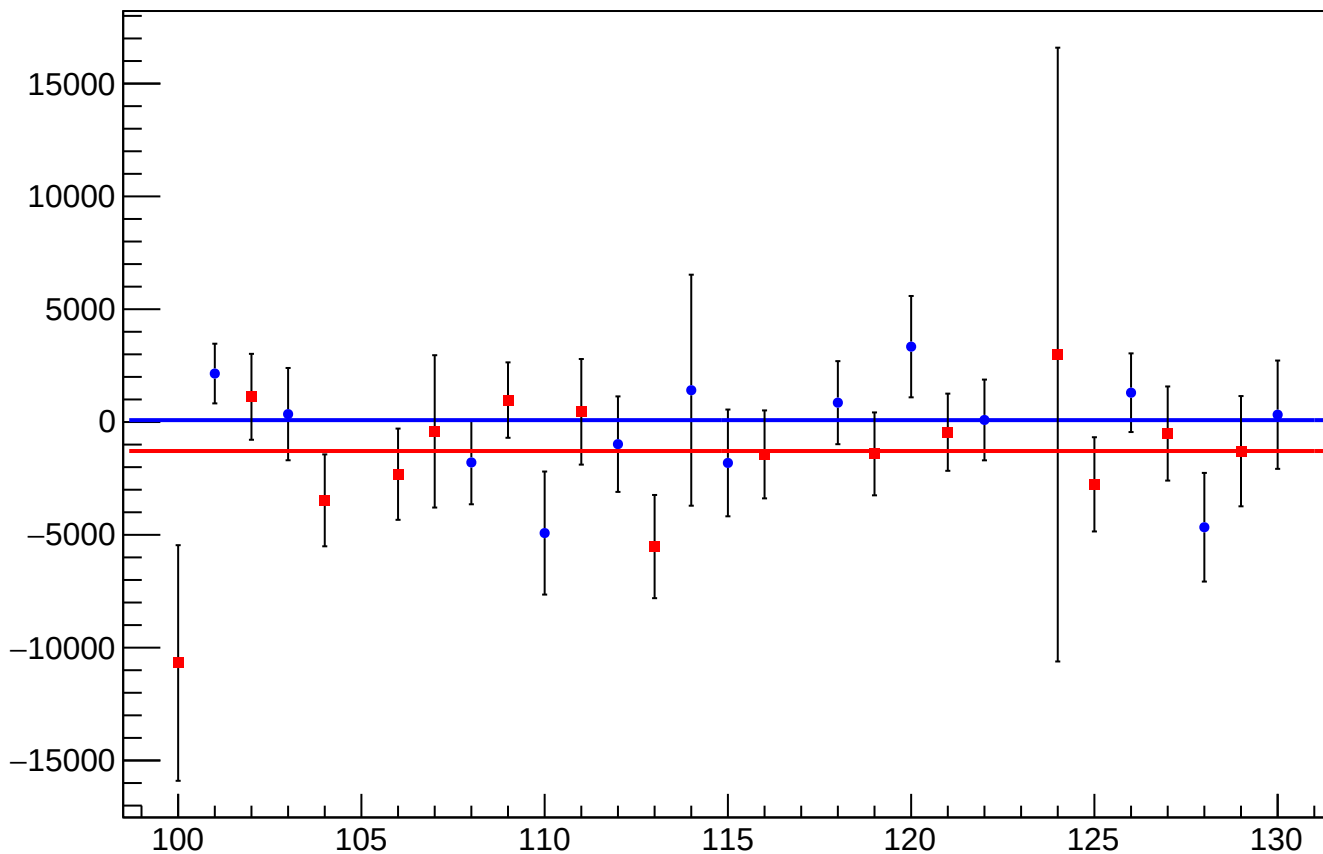
Right: 1275.361+/-0.273 χ^2/NDF : 696305.0/27

In: 1282.584+/-0.395 χ^2/NDF : 491127.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1275.361+/-0.273 χ^2/NDF : 696305.0/27

asym_atl_dd_atr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 83.785+/-562.839 χ^2/NDF : 14.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1284.626+/-563.340 χ^2/NDF : 13.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

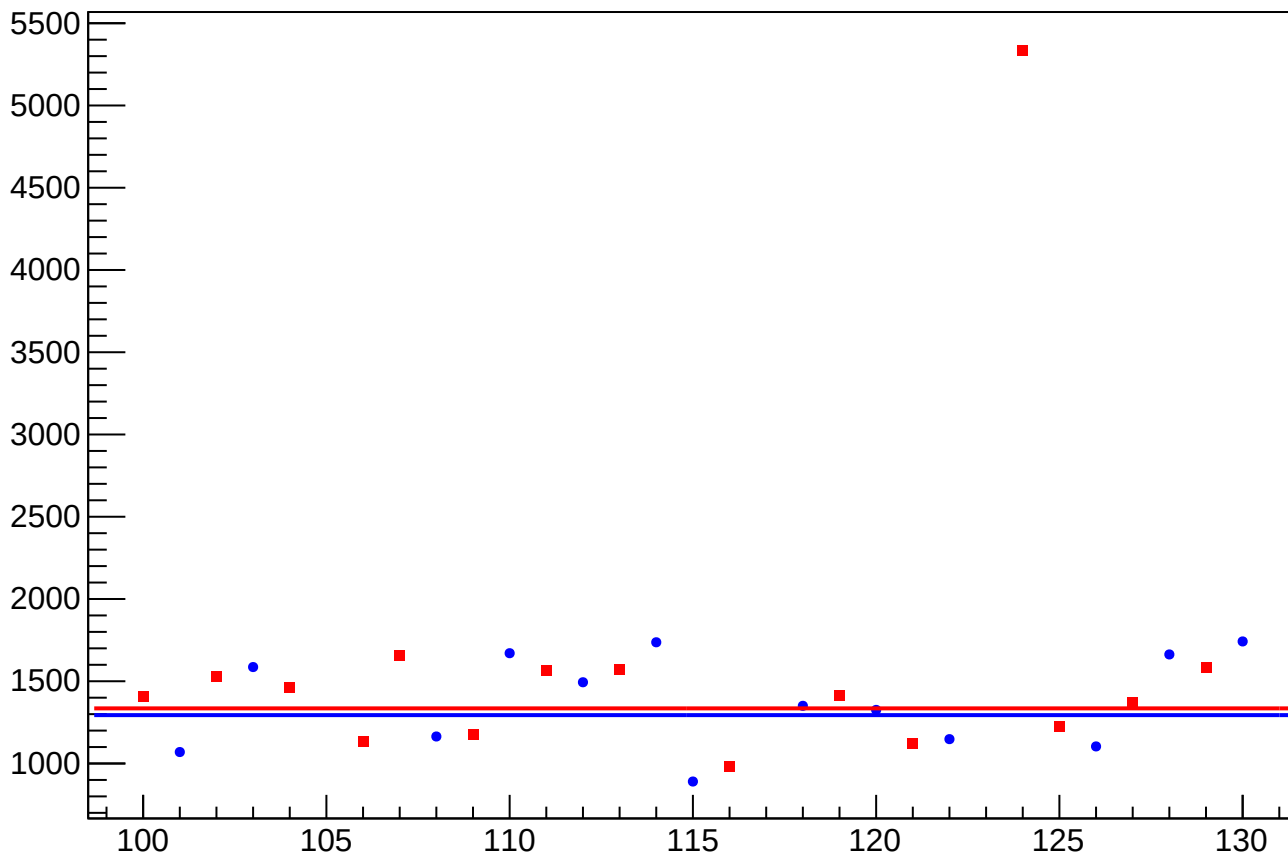
Right: -599.812+/-398.164 χ^2/NDF : 30.5/27

In: 83.785+/-562.839 χ^2/NDF : 14.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -599.812+/-398.164 χ^2/NDF : 30.5/27

asym_atl_dd_atr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1294.052+/-0.398 χ^2/NDF : 393296.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1335.074+/-0.398 χ^2/NDF : 426989.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

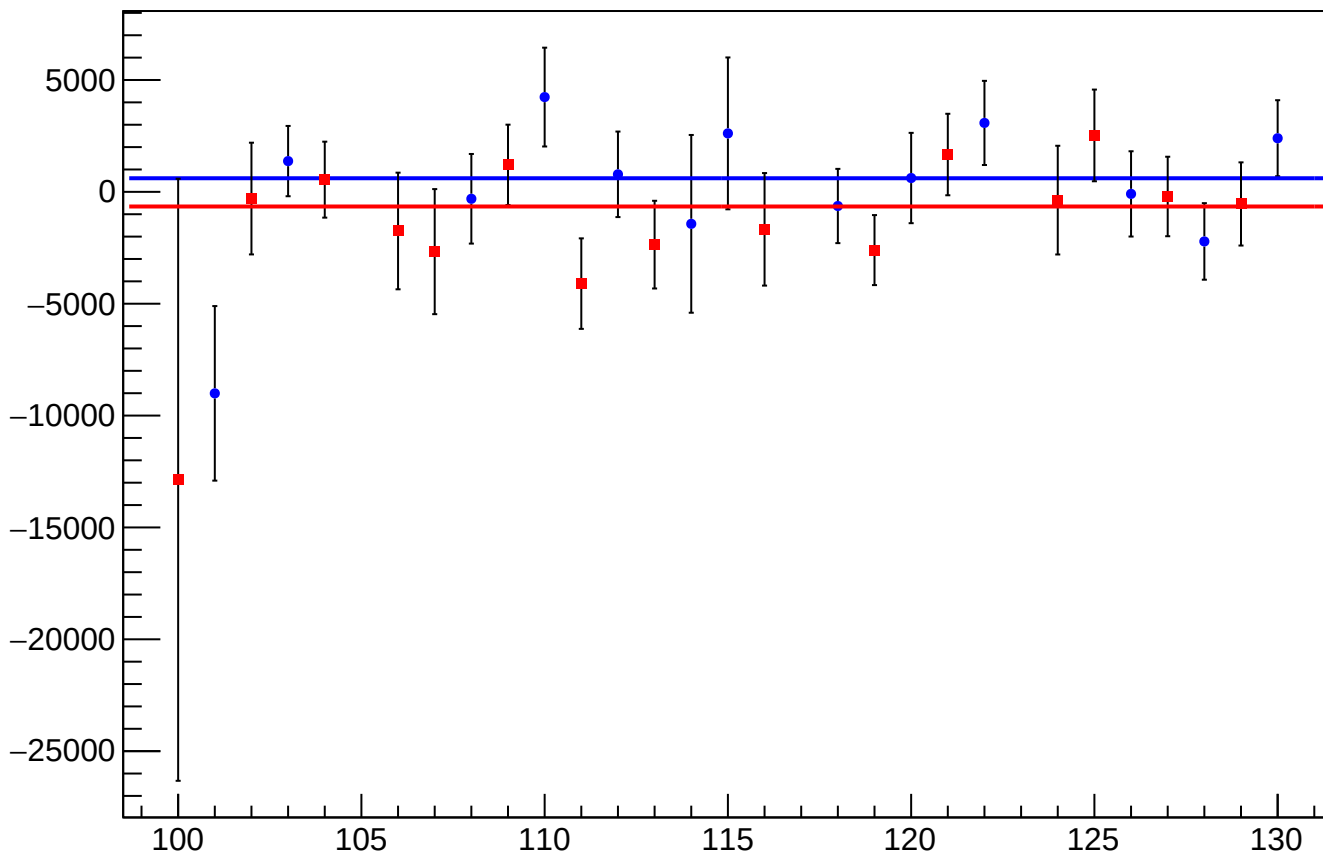
Right: 1314.545+/-0.282 χ^2/NDF : 825592.5/27

In: 1294.052+/-0.398 χ^2/NDF : 393296.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1314.545+/-0.282 χ^2/NDF : 825592.5/27

eigen_dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 608.284+/-558.725 χ^2/NDF : 16.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -654.364+/-535.723 χ^2/NDF : 12.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

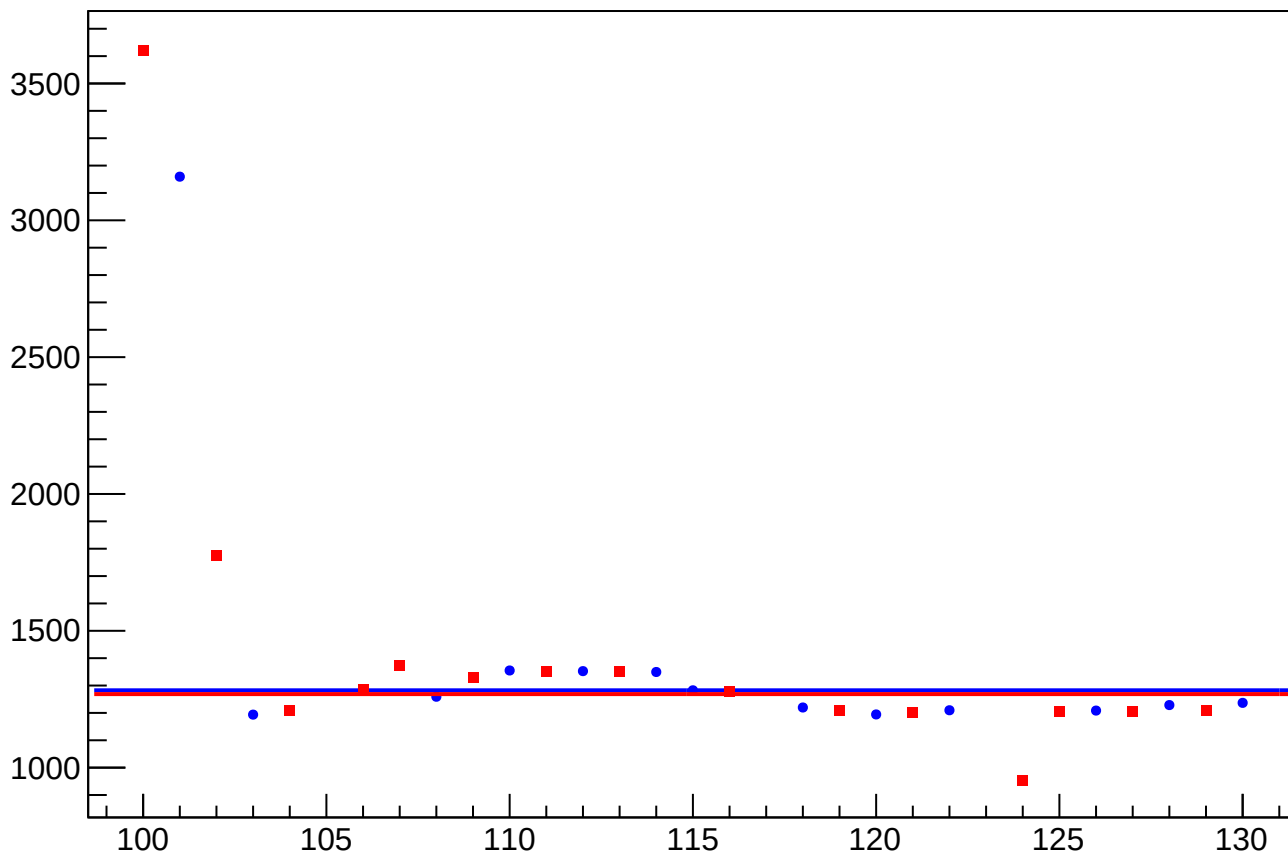
Right: -49.566+/-386.689 χ^2/NDF : 31.4/27

In: 608.284+/-558.725 χ^2/NDF : 16.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -49.566+/-386.689 χ^2/NDF : 31.4/27

eigen_dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1282.584+/-0.395 χ^2/NDF : 491127.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1268.720+/-0.379 χ^2/NDF : 204535.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

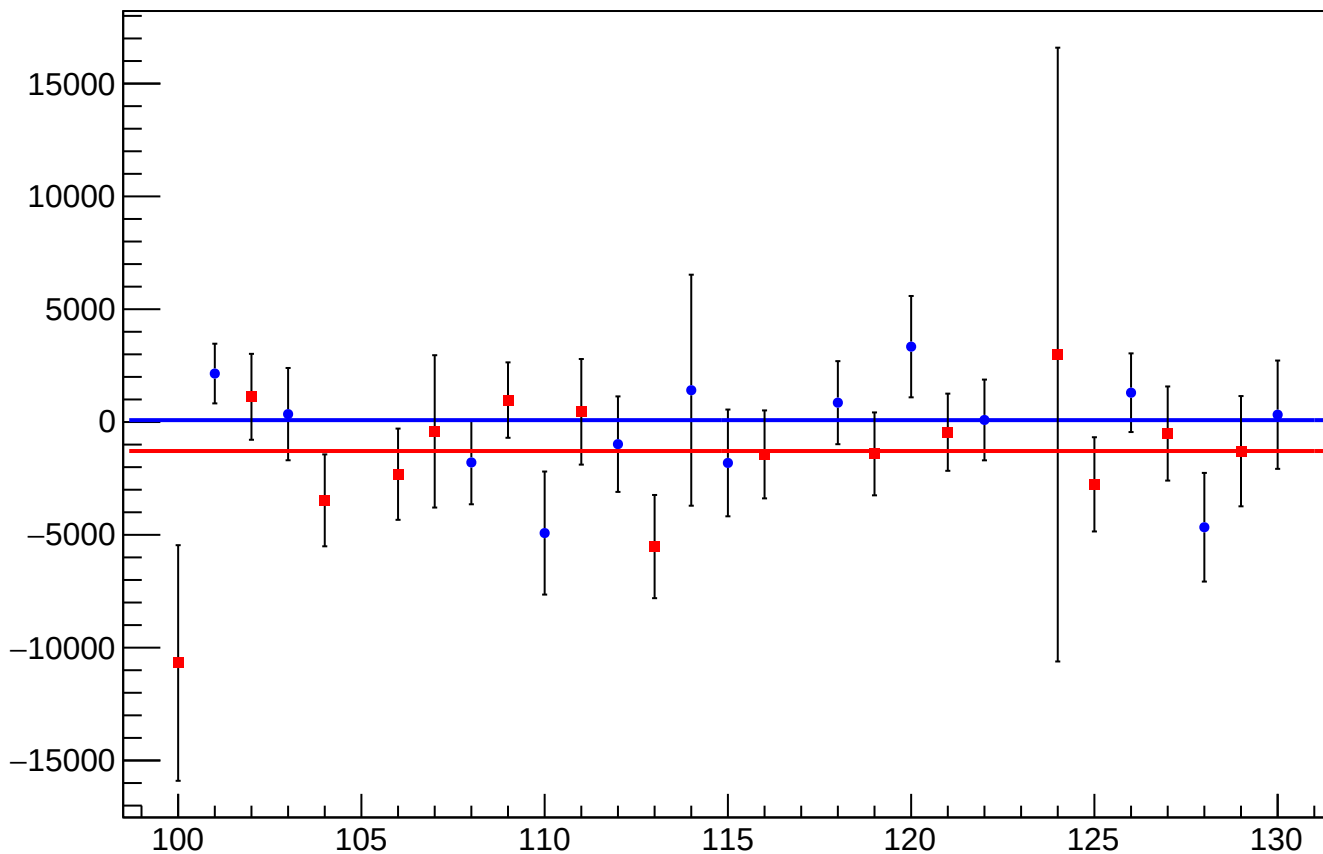
Right: 1275.361+/-0.273 χ^2/NDF : 696305.1/27

In: 1282.584+/-0.395 χ^2/NDF : 491127.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1275.361+/-0.273 χ^2/NDF : 696305.1/27

asym_atl_dd_atr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 83.784+/-562.837 χ^2/NDF : 14.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1284.626+/-563.339 χ^2/NDF : 13.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

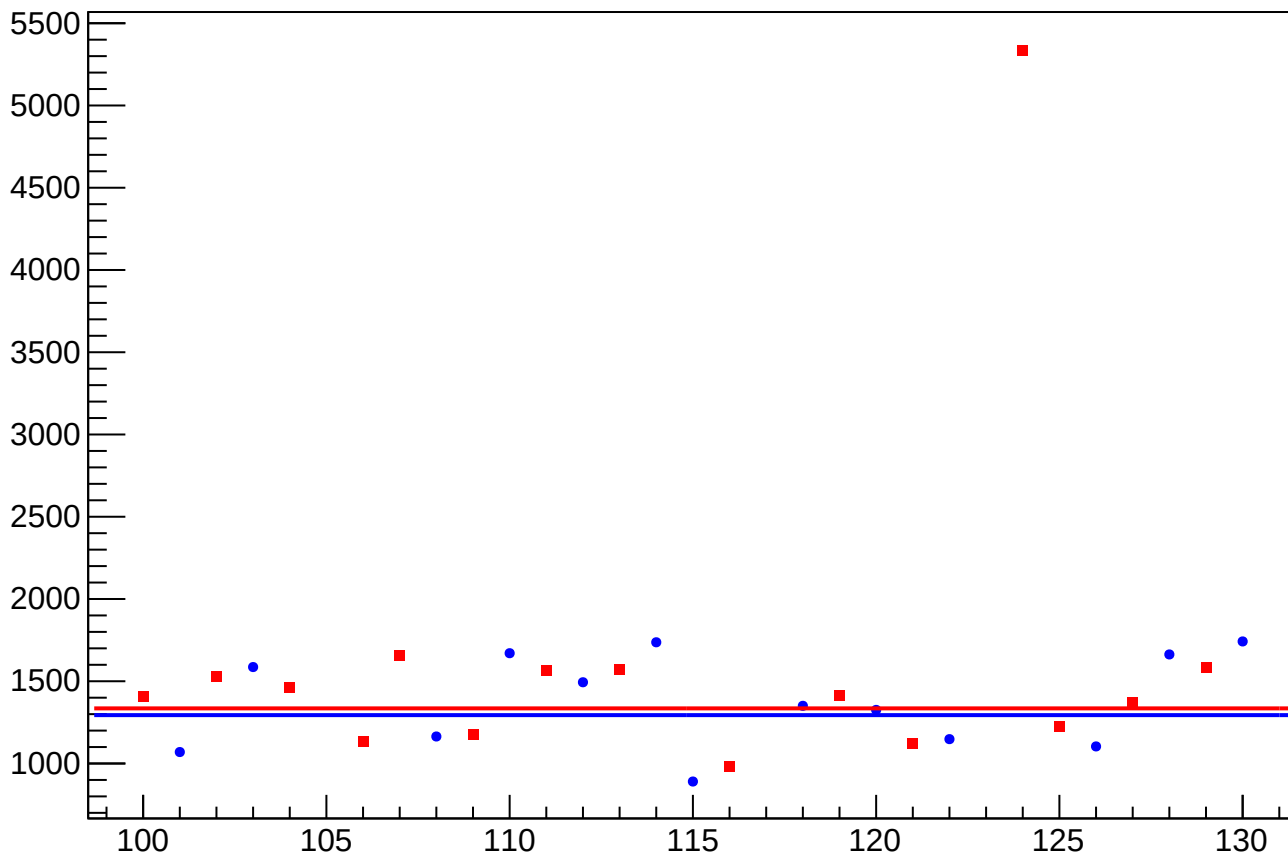
Right: -599.811+/-398.163 χ^2/NDF : 30.5/27

In: 83.784+/-562.837 χ^2/NDF : 14.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -599.811+/-398.163 χ^2/NDF : 30.5/27

asym_atl_dd_atr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1294.048+/-0.398 χ^2/NDF : 393300.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1335.073+/-0.398 χ^2/NDF : 426989.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

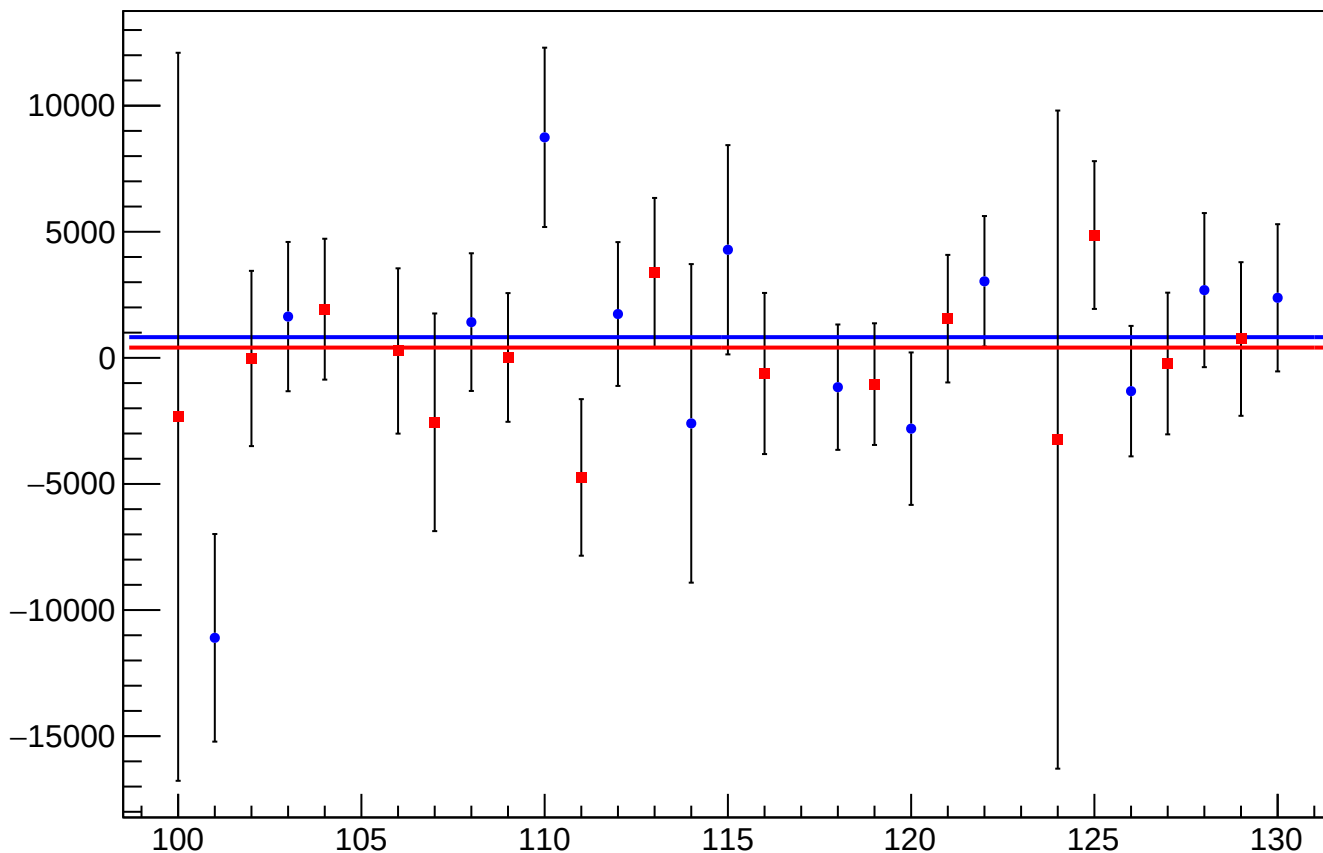
Right: 1314.542+/-0.282 χ^2/NDF : 825598.1/27

In: 1294.048+/-0.398 χ^2/NDF : 393300.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1314.542+/-0.282 χ^2/NDF : 825598.1/27

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 821.030 $\pm$ 849.097 χ^2 /NDF: 18.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 408.073 $\pm$ 812.116 χ^2 /NDF: 7.7/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

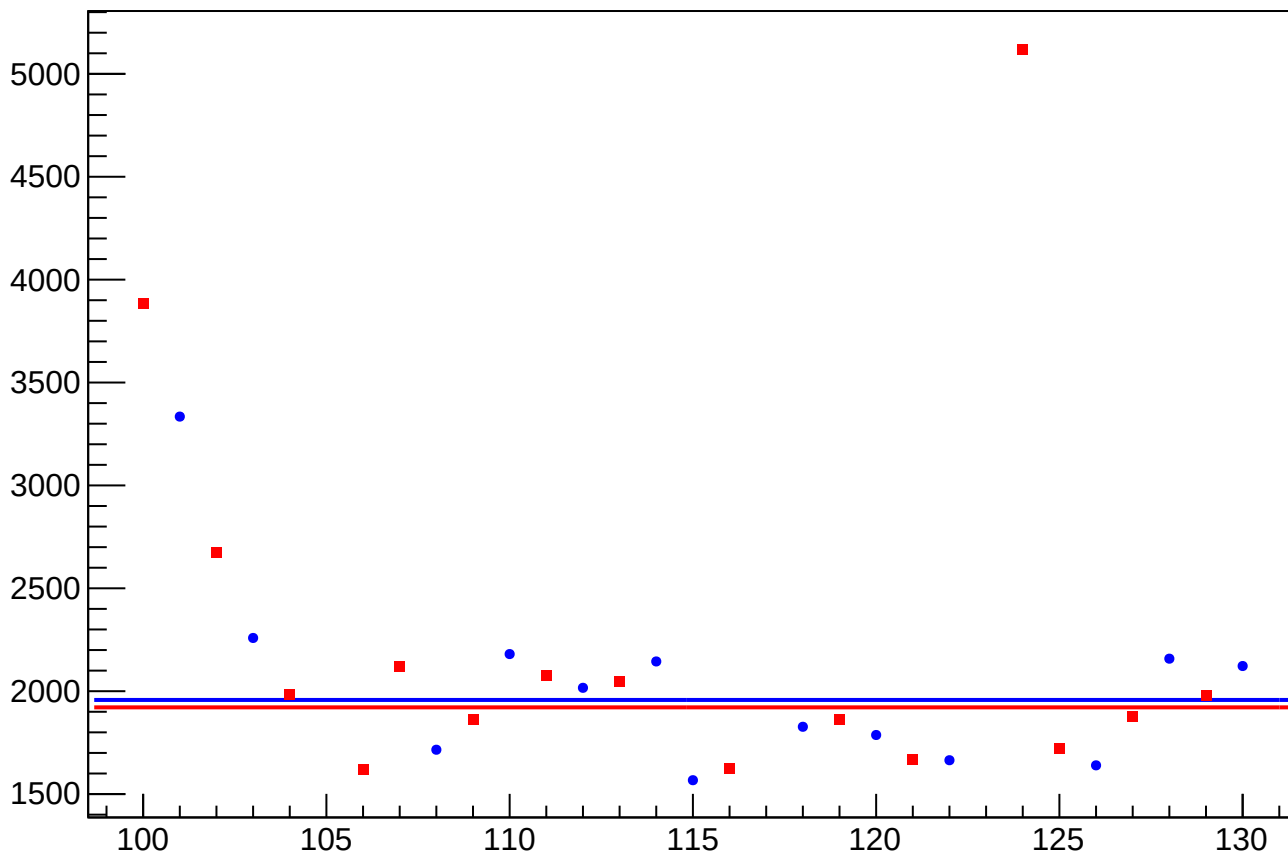
Right: 605.363 $\pm$ 586.891 χ^2 /NDF: 26.6/27

In: 821.030 $\pm$ 849.097 χ^2 /NDF:18.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 605.363 $\pm$ 586.891 χ^2 /NDF: 26.6/27

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1957.486+/-0.600 χ^2/NDF : 371007.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1921.444+/-0.574 χ^2/NDF : 332223.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

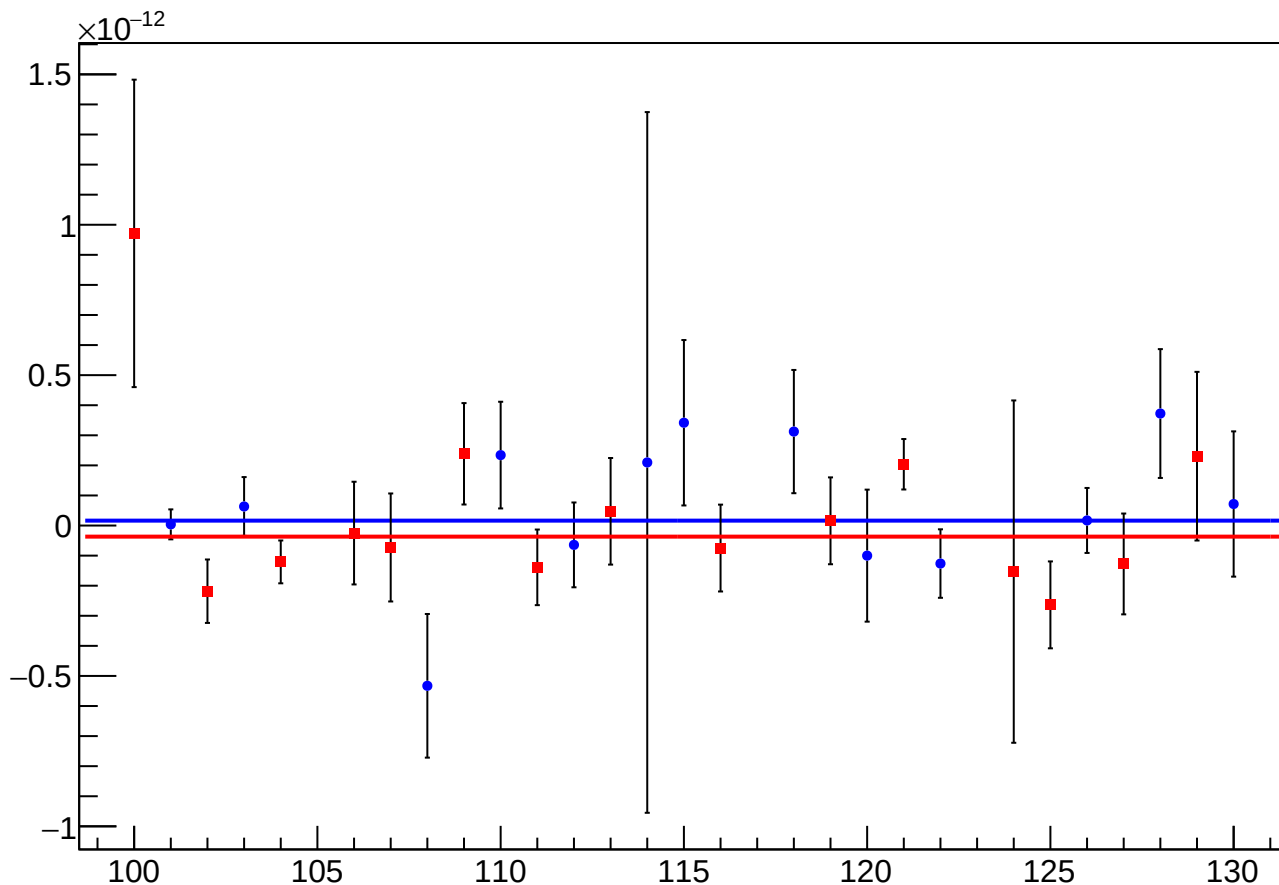
Right: 1938.663+/-0.415 χ^2/NDF : 705112.4/27

In: 1957.486+/-0.600 χ^2/NDF : 371007.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1938.663+/-0.415 χ^2/NDF : 705112.4/27

asym_atl_dd_atr_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 24.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

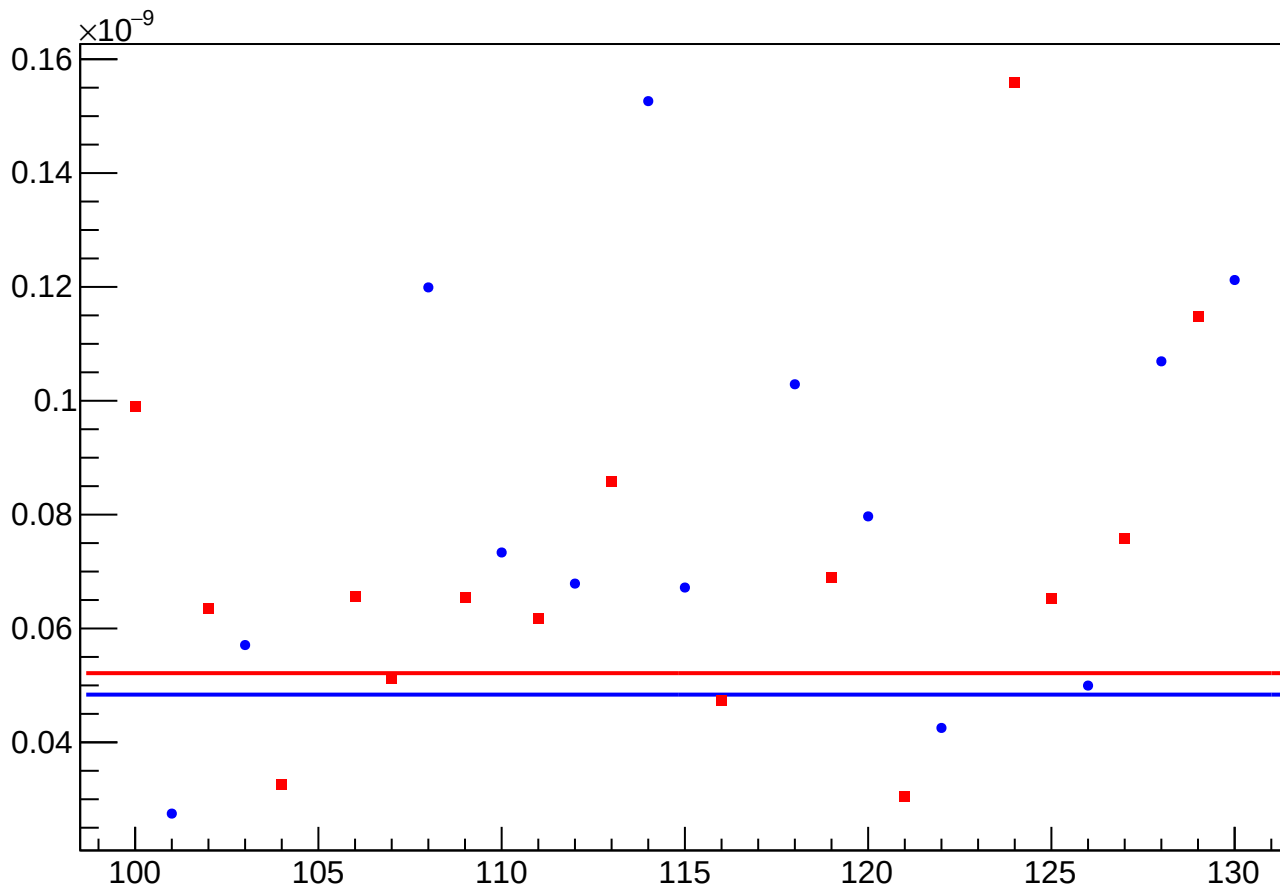
Right: -0.000+/-0.000 χ^2/NDF : 40.8/27

In: 0.000+/-0.000 χ^2/NDF : 15.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 40.8/27

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1170268.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 684133.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

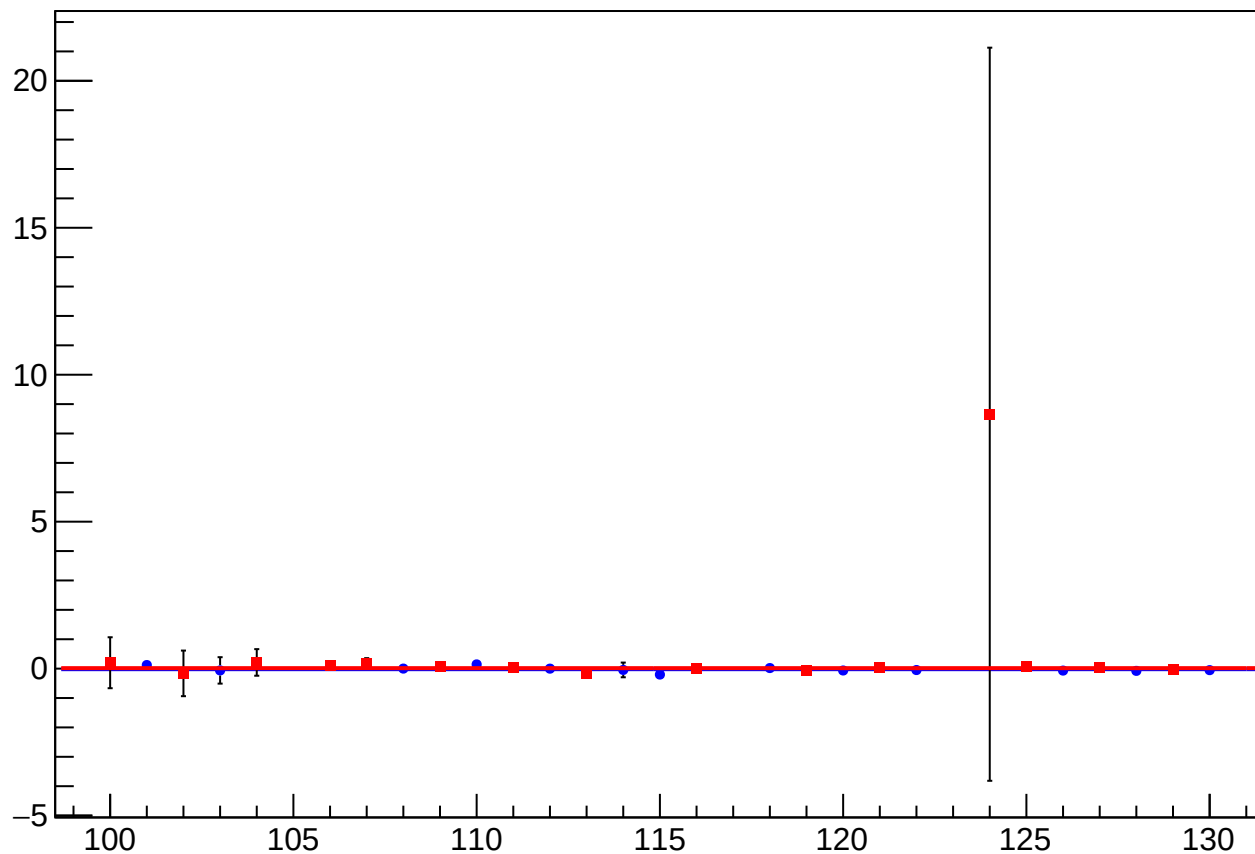
Right: 0.000+/-0.000 χ^2/NDF : 1866414.3/27

In: 0.000+/-0.000 χ^2/NDF : 1170268.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1866414.3/27

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.019 ± 0.020 χ^2/NDF : 12.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.016 ± 0.020 χ^2/NDF : 11.0/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

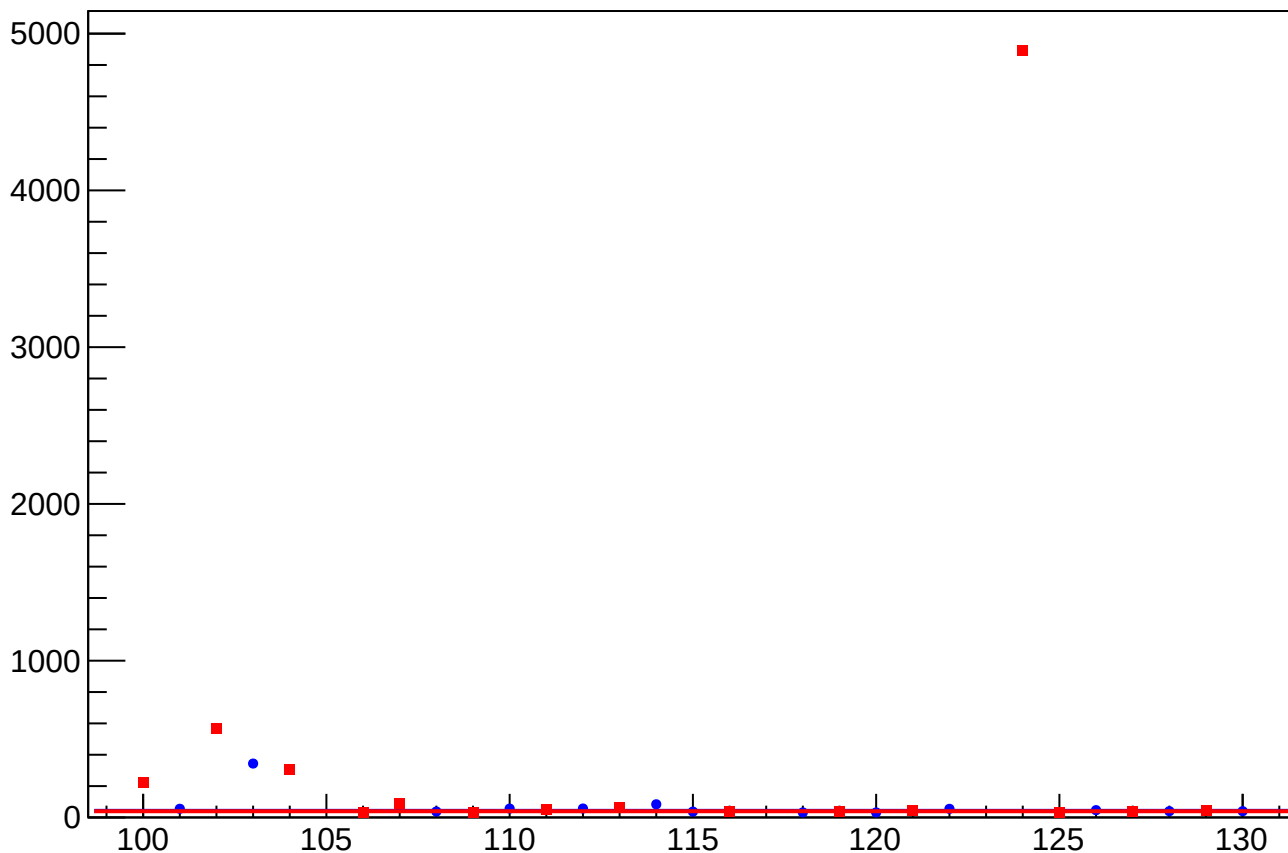
Right: -0.001 ± 0.014 χ^2/NDF : 25.1/27

In: -0.019 ± 0.020 χ^2/NDF : 12.6/12

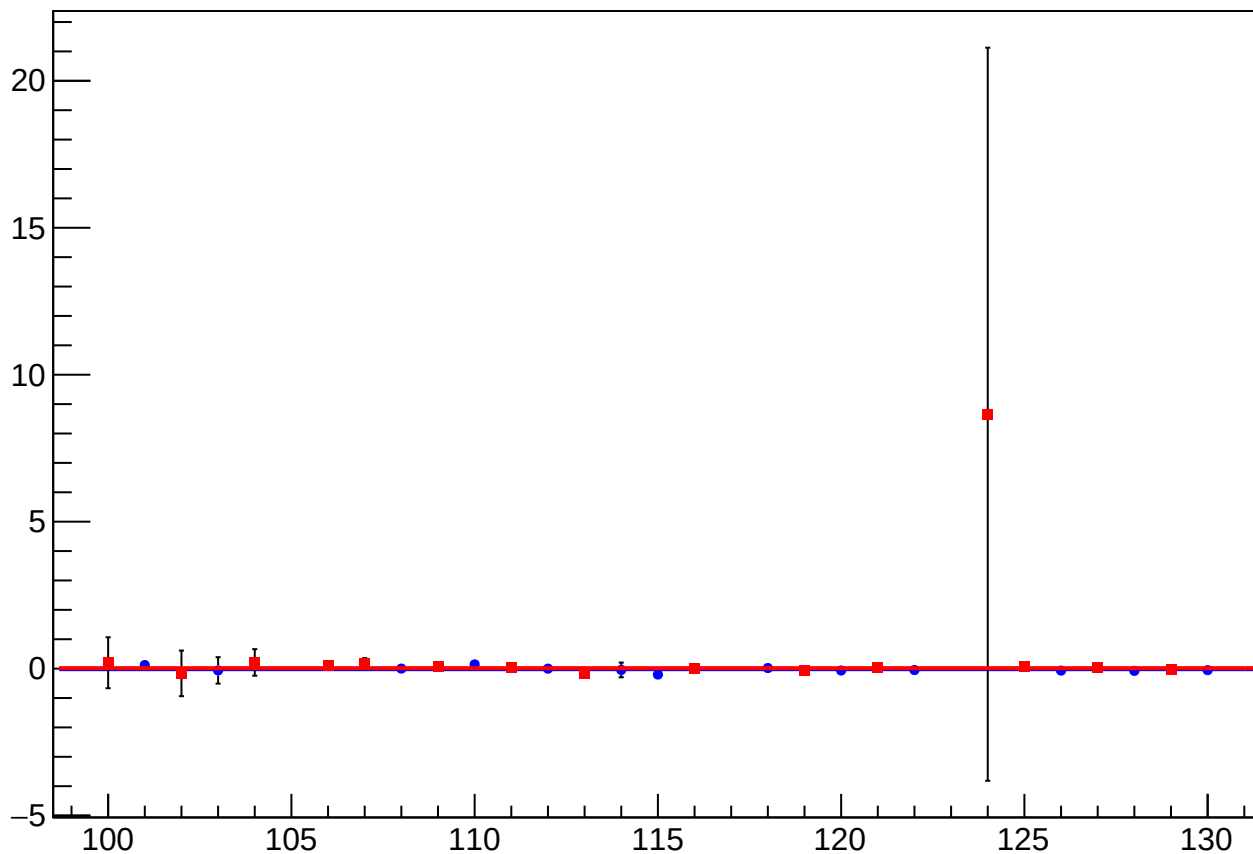
Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.001 ± 0.014 χ^2/NDF : 25.1/27

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.019+/-0.020 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.020 χ^2/NDF : 11.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

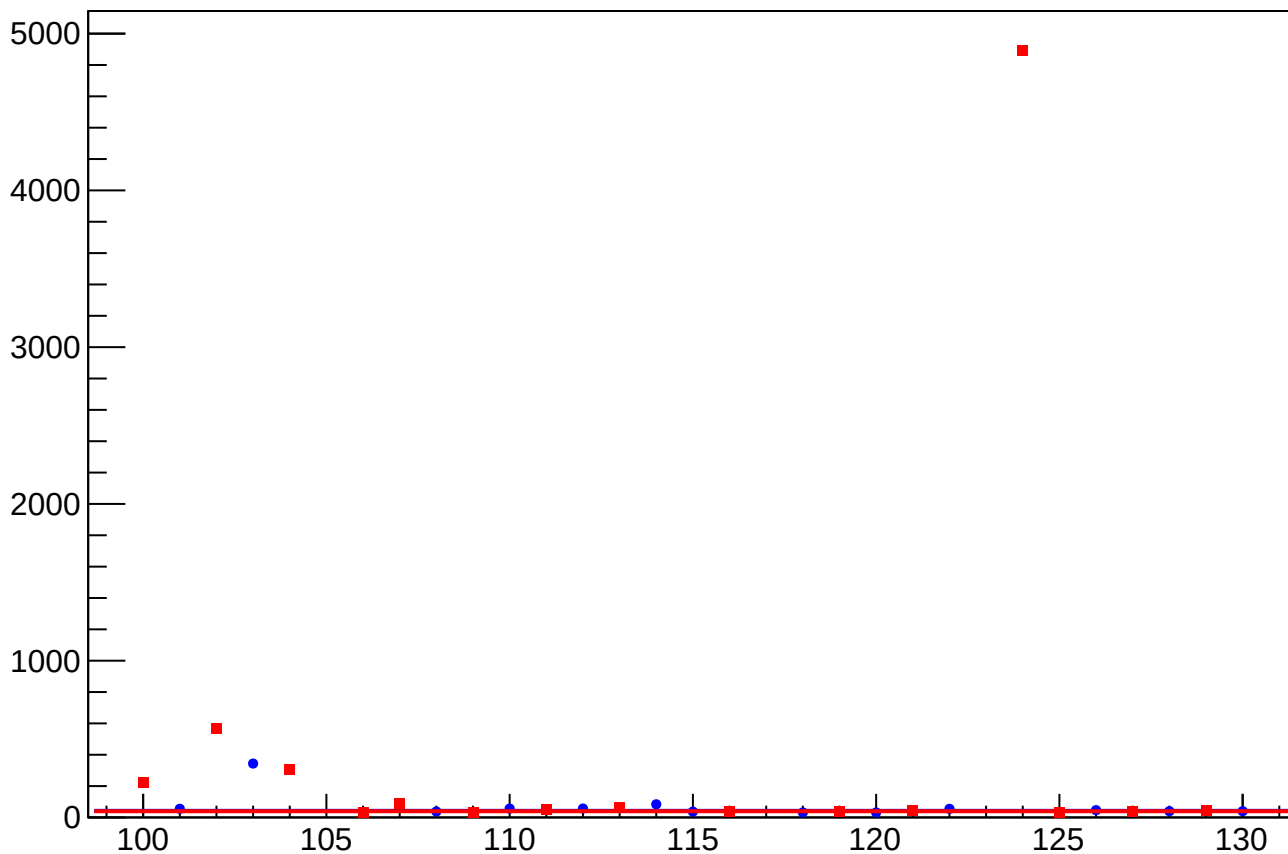
Right: -0.001+/-0.014 χ^2/NDF : 25.1/27

In: -0.019+/-0.020 χ^2/NDF : 12.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.014 χ^2/NDF : 25.1/27

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.102+/-0.014 χ^2/NDF : 1354145.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.747+/-0.014 χ^2/NDF : 2417651.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

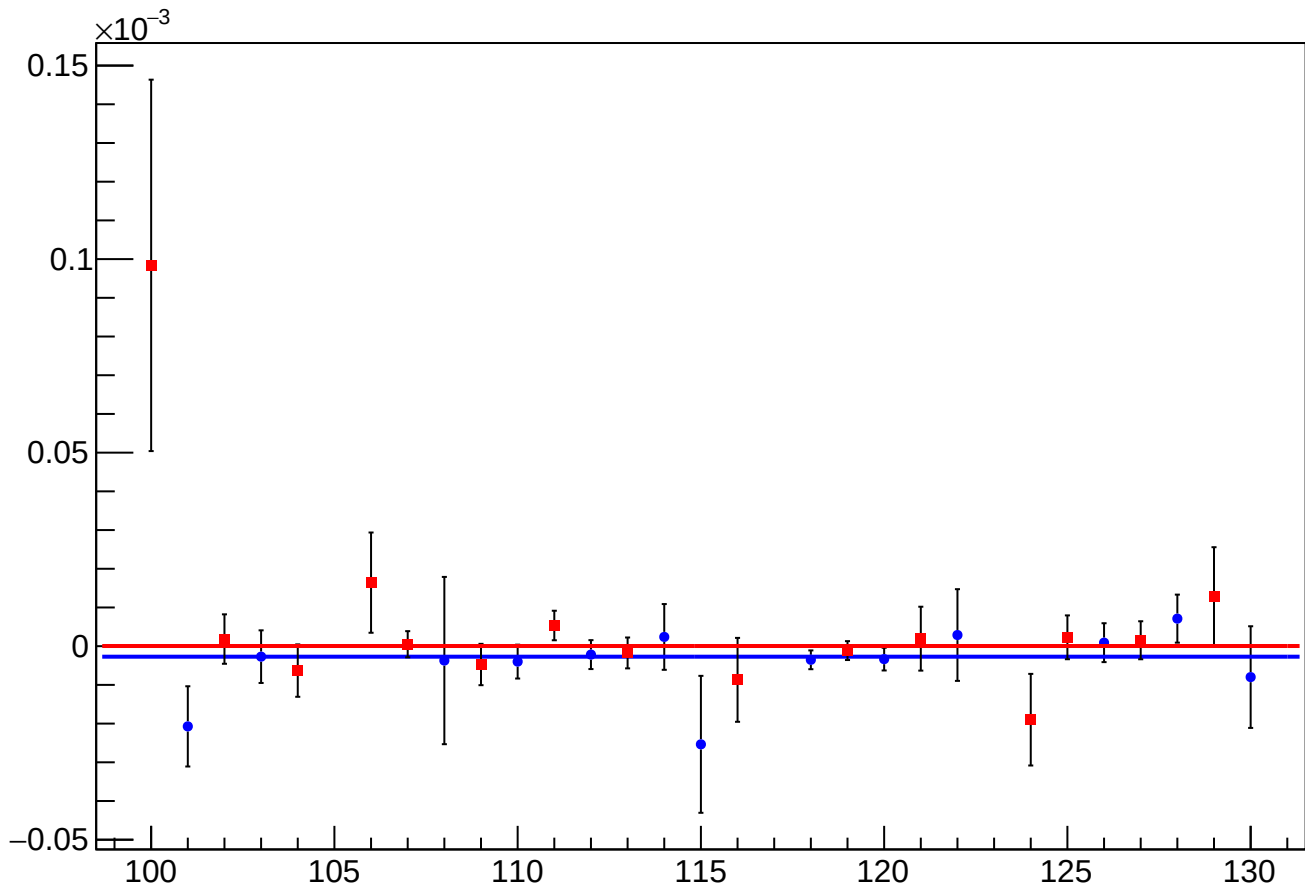
Right: 40.910+/-0.010 χ^2/NDF : 3785286.0/27

In: 42.102+/-0.014 χ^2/NDF : 1354145.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.910+/-0.010 χ^2/NDF : 3785286.0/27

asym_atl_dd_atr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 8.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 14.5/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

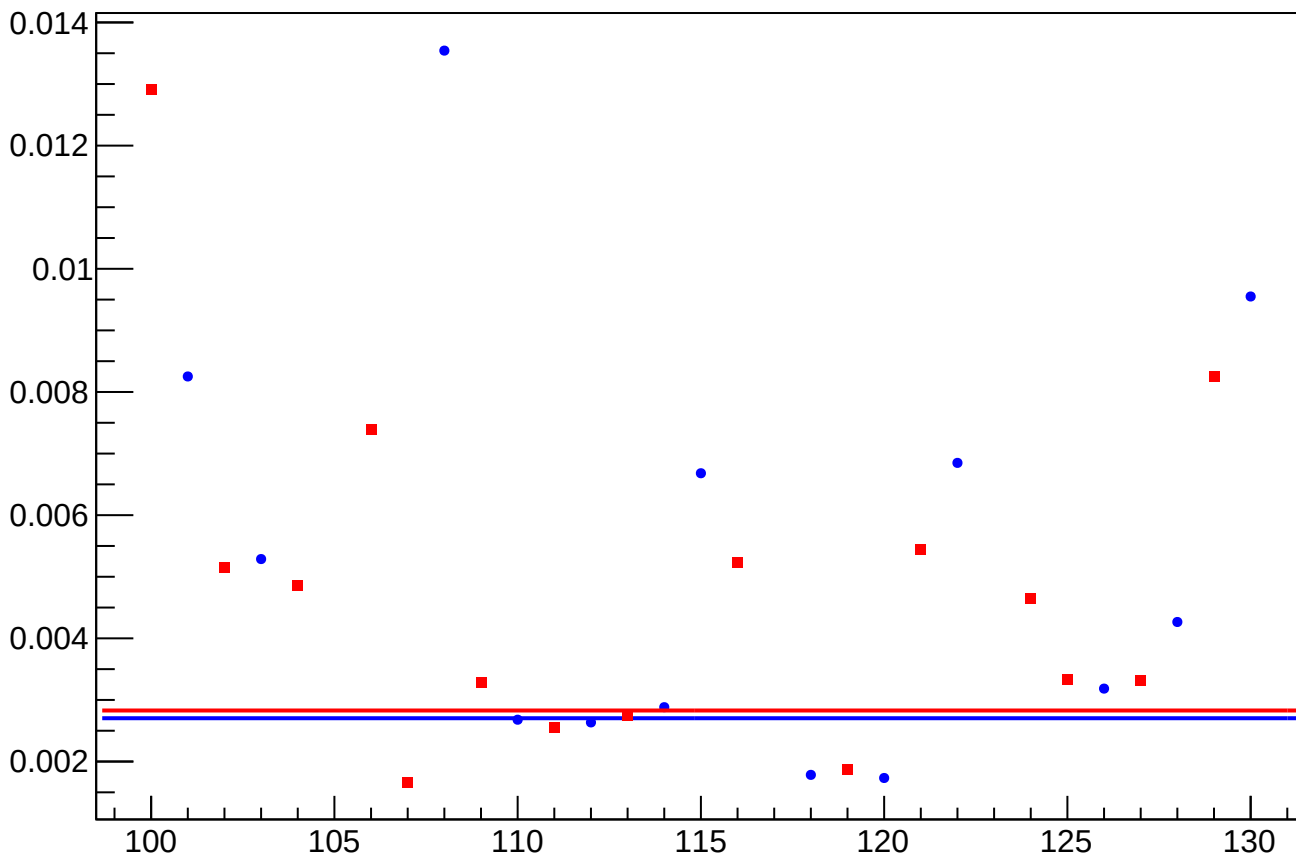
Right: -0.000 ± 0.000 χ^2/NDF : 25.3/27

In: -0.000 ± 0.000 χ^2/NDF : 8.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 25.3/27

asym_atl_dd_atr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 2907921.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2100496.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

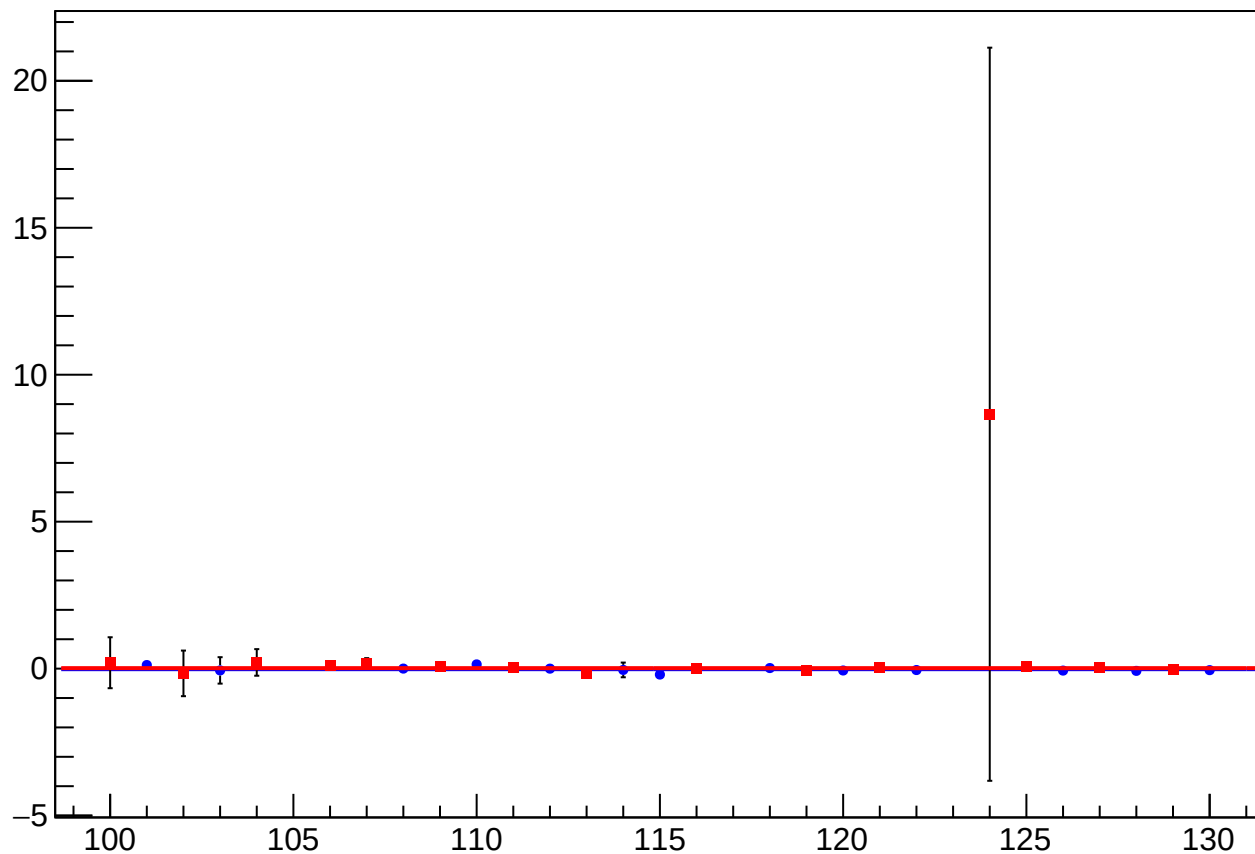
Right: 0.003+/-0.000 χ^2/NDF : 5017248.9/27

In: 0.003+/-0.000 χ^2/NDF :2907921.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 5017248.9/27

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.019+/-0.020 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.020 χ^2/NDF : 11.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

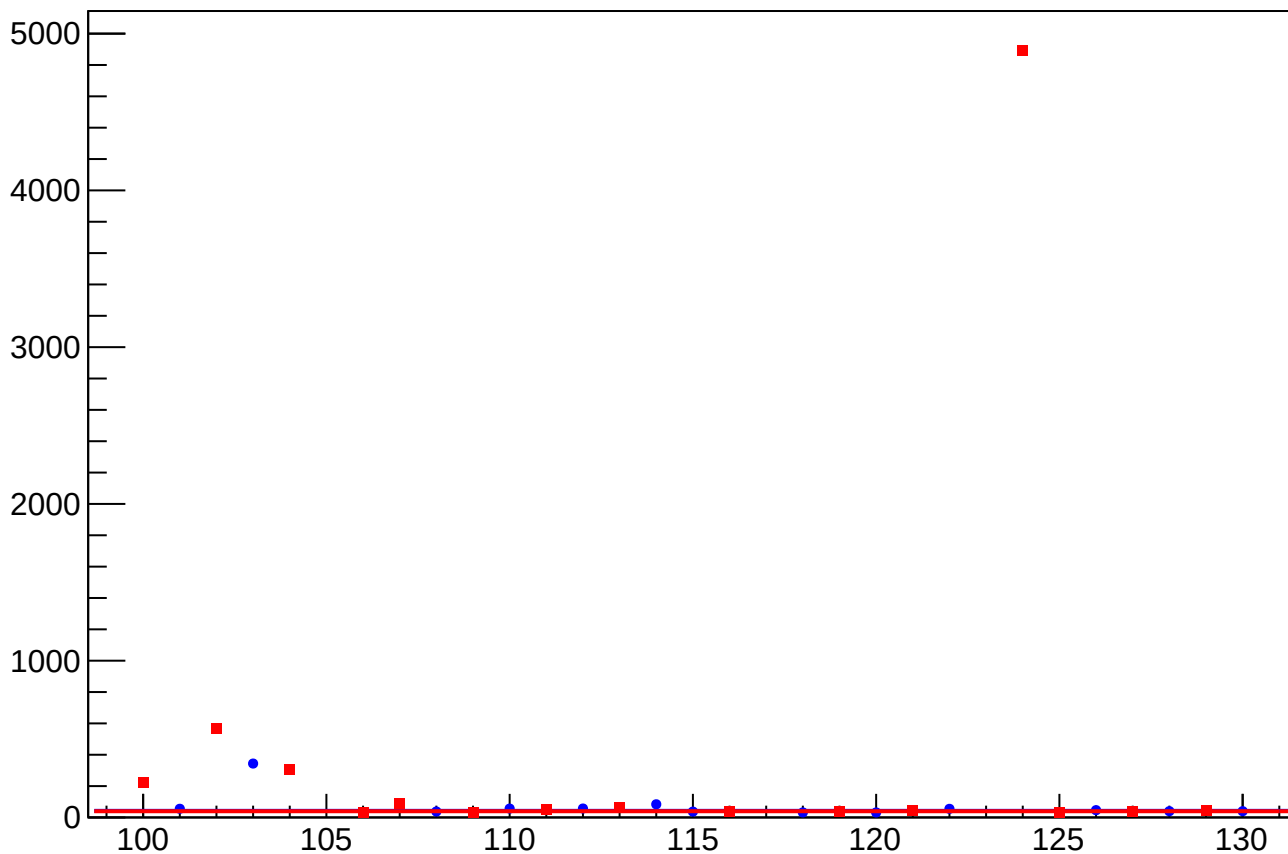
Right: -0.001+/-0.014 χ^2/NDF : 25.1/27

In: -0.019+/-0.020 χ^2/NDF : 12.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.014 χ^2/NDF : 25.1/27

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.102 $\pm$ 0.014 χ^2 /NDF: 1354160.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 39.746 $\pm$ 0.014 χ^2 /NDF: 2417685.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

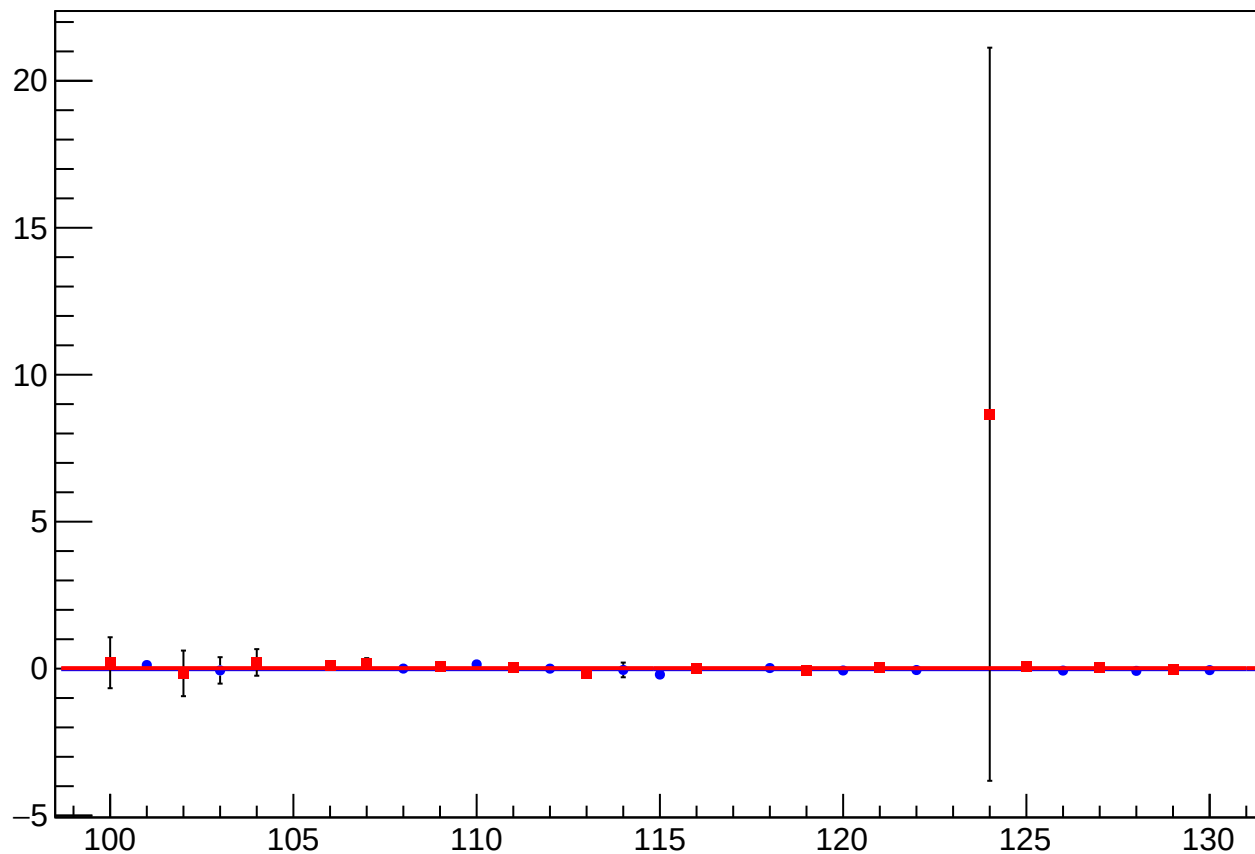
Right: 40.909 $\pm$ 0.010 χ^2 /NDF: 3785346.0/27

In: 42.102 $\pm$ 0.014 χ^2 /NDF: 1354160.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 40.909 $\pm$ 0.010 χ^2 /NDF: 3785346.0/27

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.019+/-0.020 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.020 χ^2/NDF : 11.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

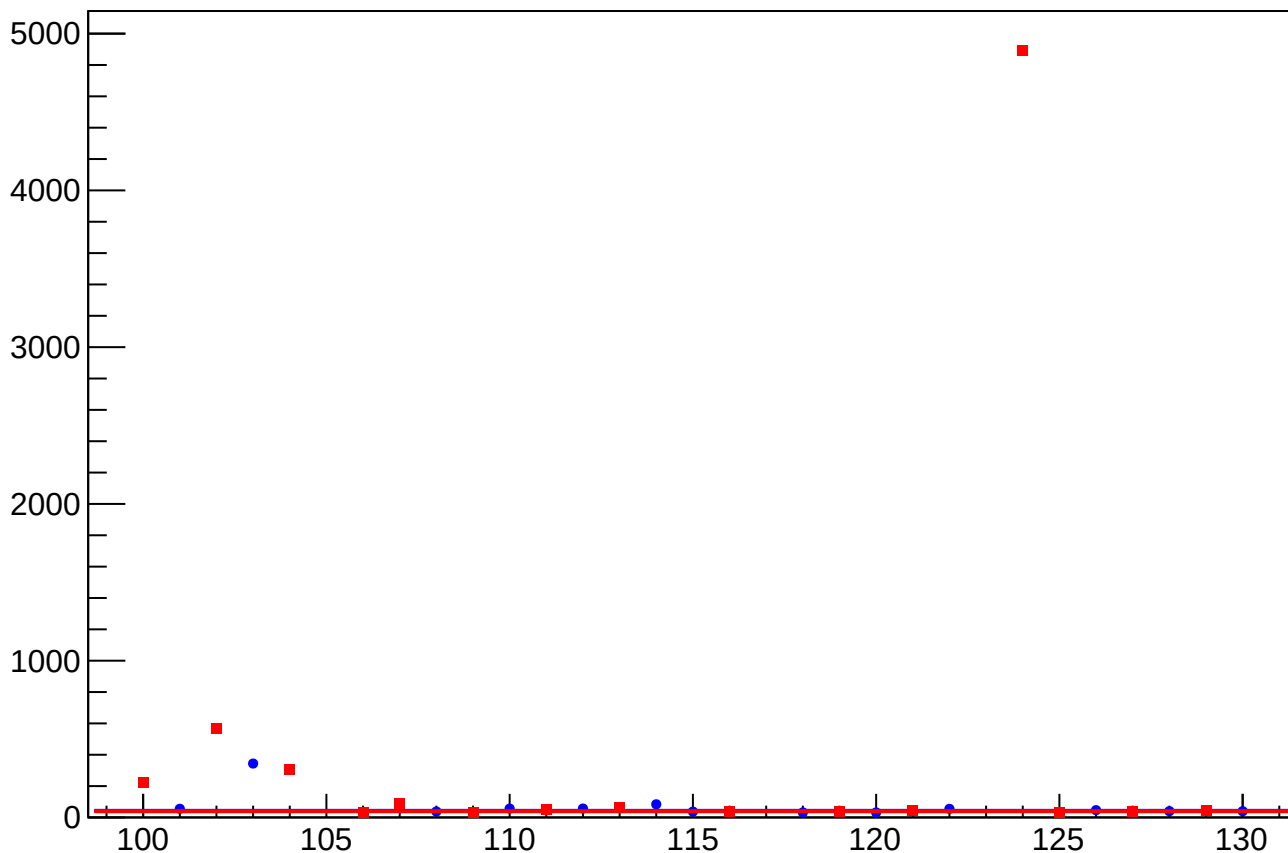
Right: -0.001+/-0.014 χ^2/NDF : 25.1/27

In: -0.019+/-0.020 χ^2/NDF : 12.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.014 χ^2/NDF : 25.1/27

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.102+/-0.014 χ^2/NDF : 1354160.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.746+/-0.014 χ^2/NDF : 2417685.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

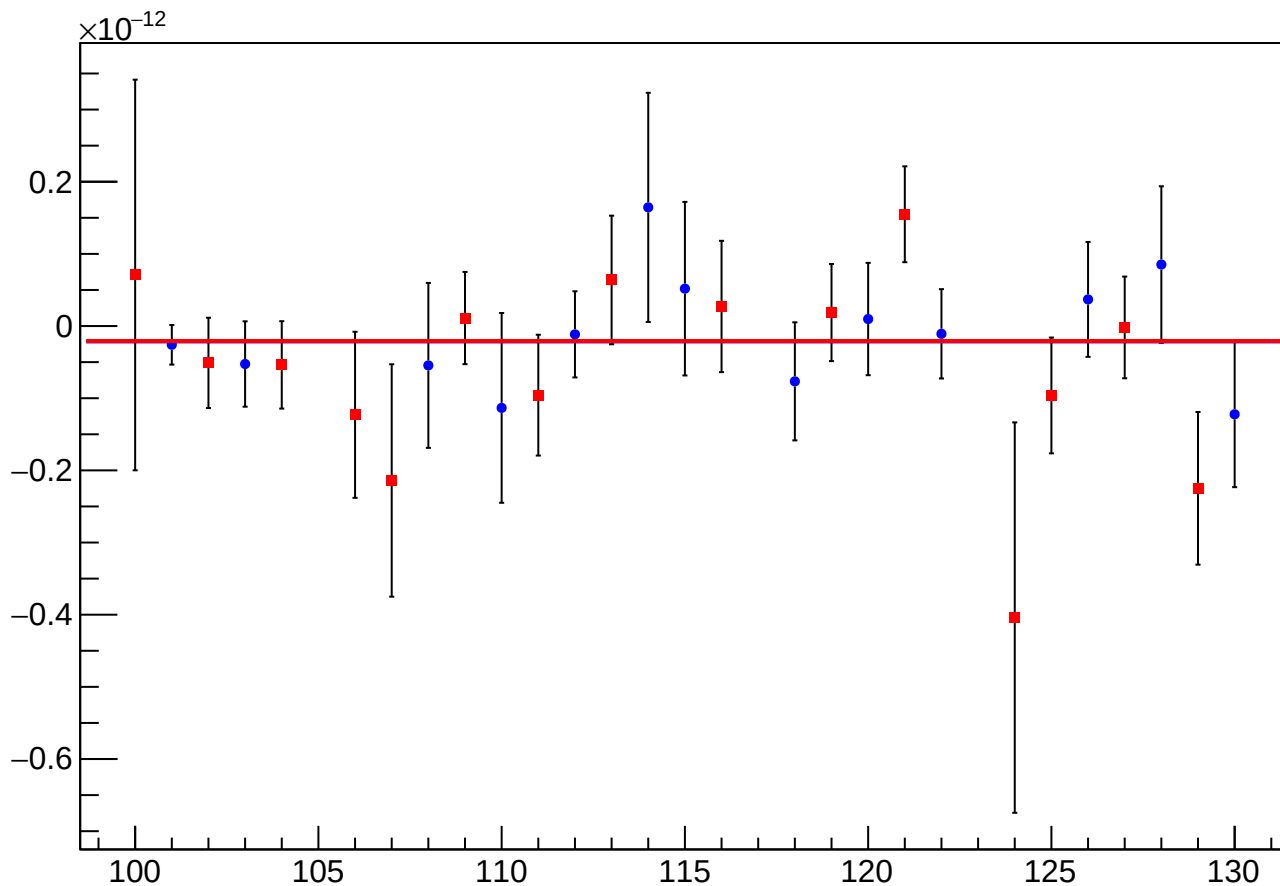
Right: 40.909+/-0.010 χ^2/NDF : 3785346.0/27

In: 42.102+/-0.014 χ^2/NDF : 1354160.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.909+/-0.010 χ^2/NDF : 3785346.0/27

asym_atl_dd_atr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 19.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

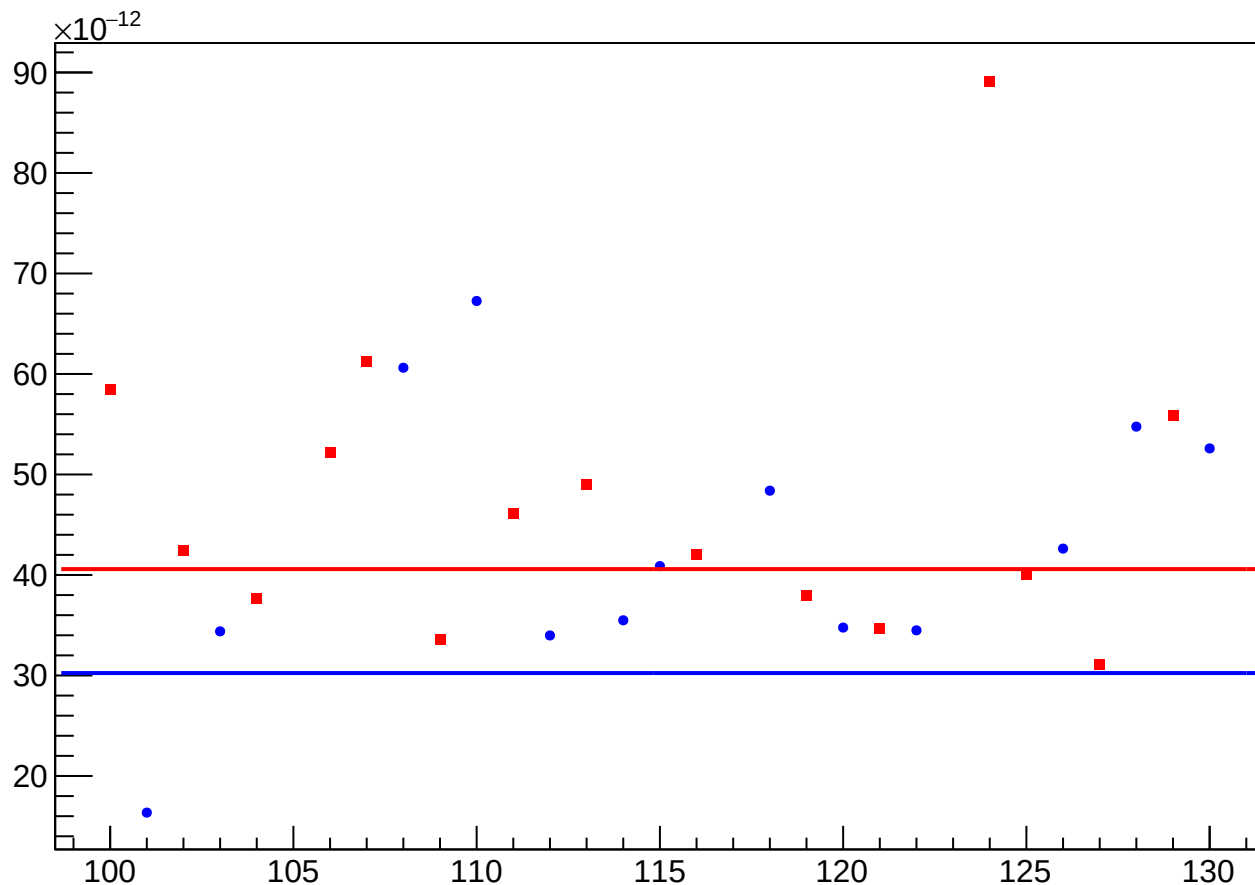
Right: -0.000+/-0.000 χ^2/NDF : 24.9/27

In: -0.000+/-0.000 χ^2/NDF : 5.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.9/27

asym_atl_dd_atr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1210689.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 280909.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

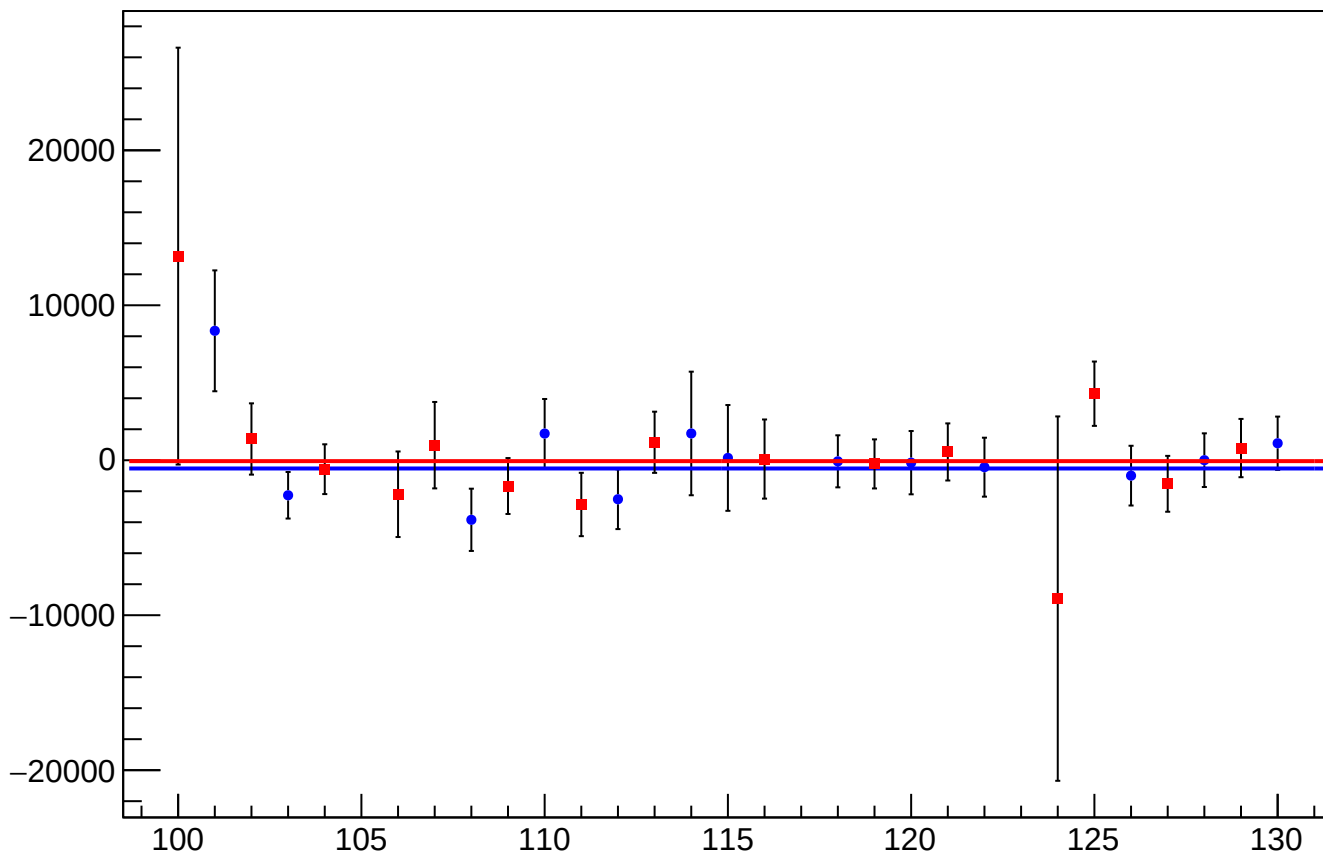
Right: 0.000+/-0.000 χ^2/NDF : 1765034.5/27

In: 0.000+/-0.000 χ^2/NDF : 1210689.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1765034.5/27

reg_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -531.995+/-560.180 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -57.238+/-548.706 χ^2/NDF : 11.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

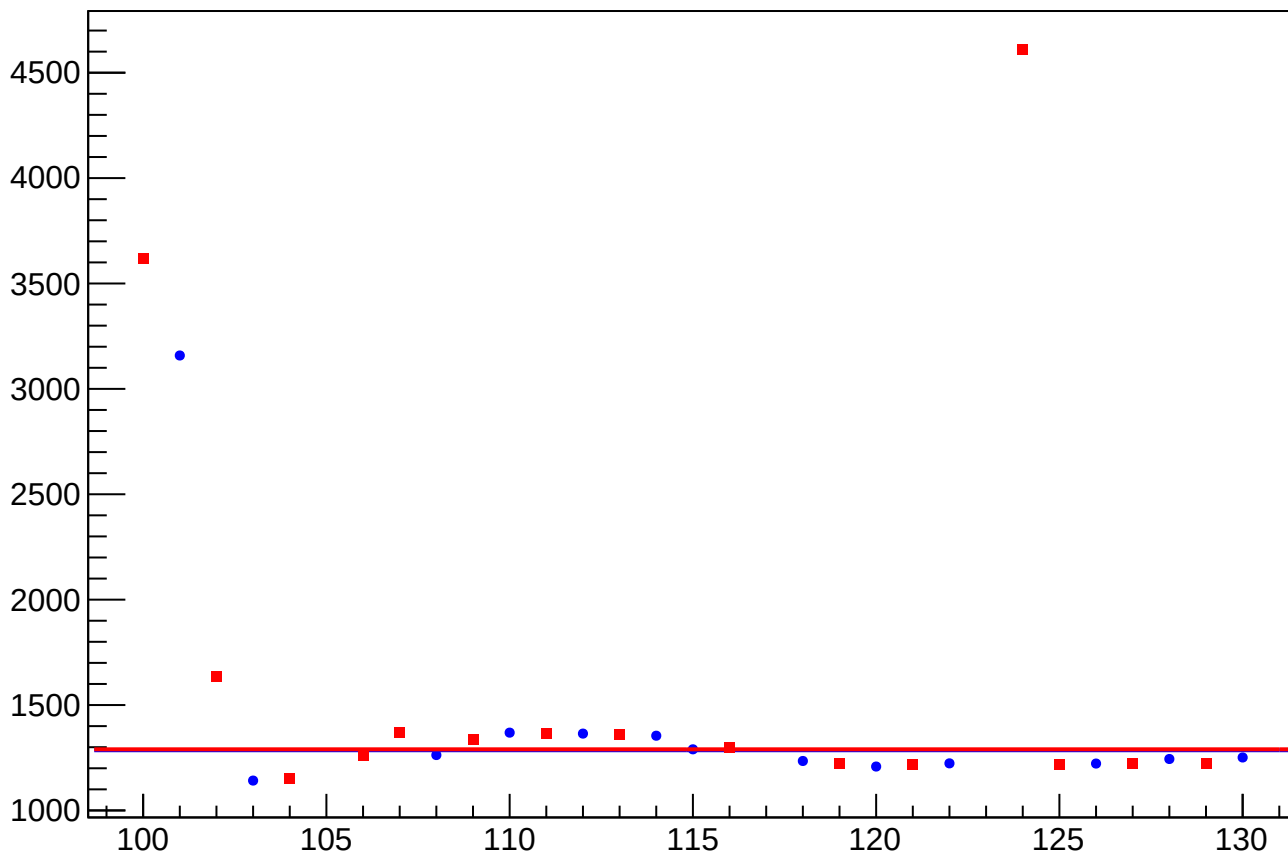
Right: -289.705+/-391.988 χ^2/NDF : 24.4/27

In: -531.995+/-560.180 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -289.705+/-391.988 χ^2/NDF : 24.4/27

reg_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1285.613+/-0.396 χ^2/NDF : 497502.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1289.945+/-0.387 χ^2/NDF : 302497.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

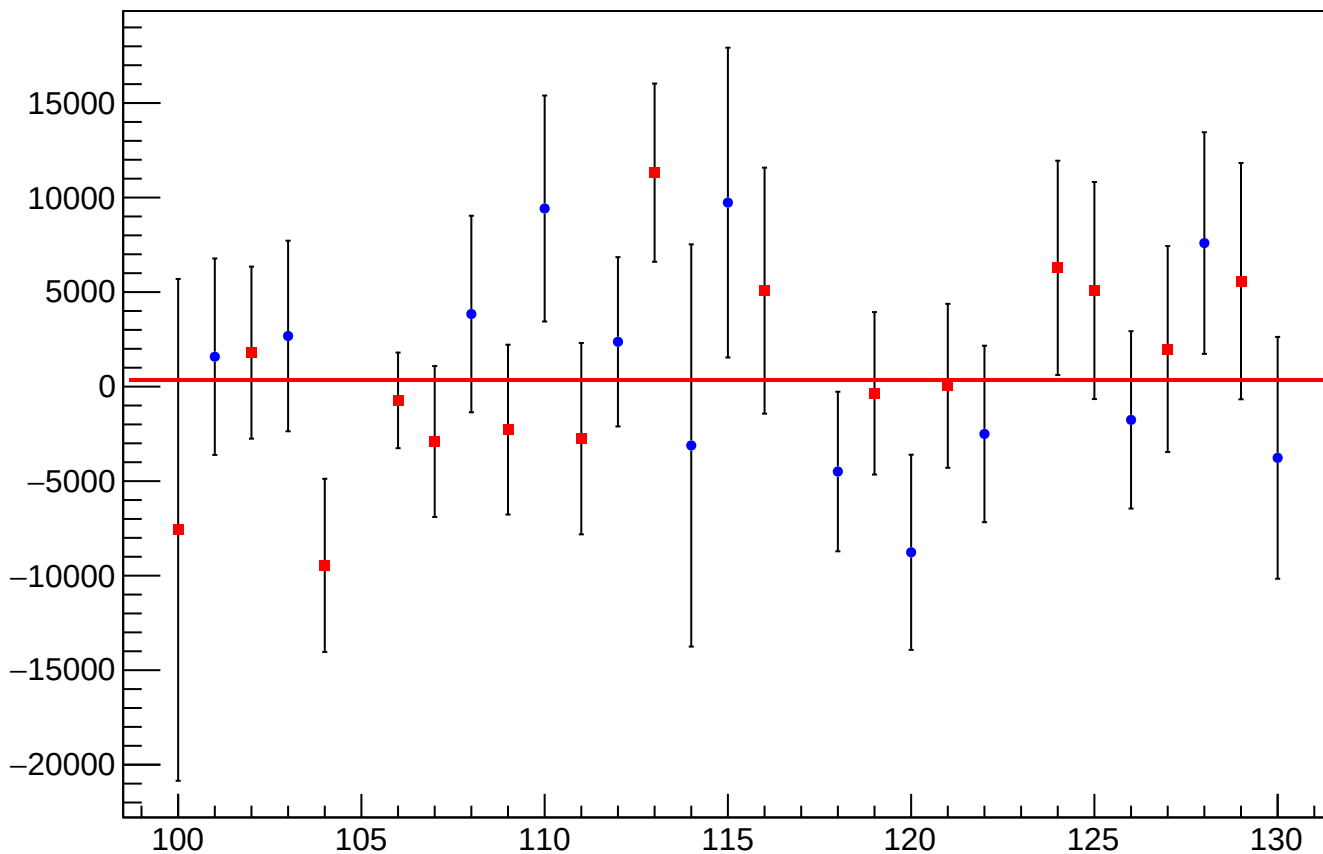
Right: 1287.831+/-0.277 χ^2/NDF : 800061.5/27

In: 1285.613+/-0.396 χ^2/NDF : 497502.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1287.831+/-0.277 χ^2/NDF : 800061.5/27

asym_at1_avg_at2_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 349.586+/-1484.807 χ^2/NDF : 11.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 351.620+/-1190.006 χ^2/NDF : 15.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

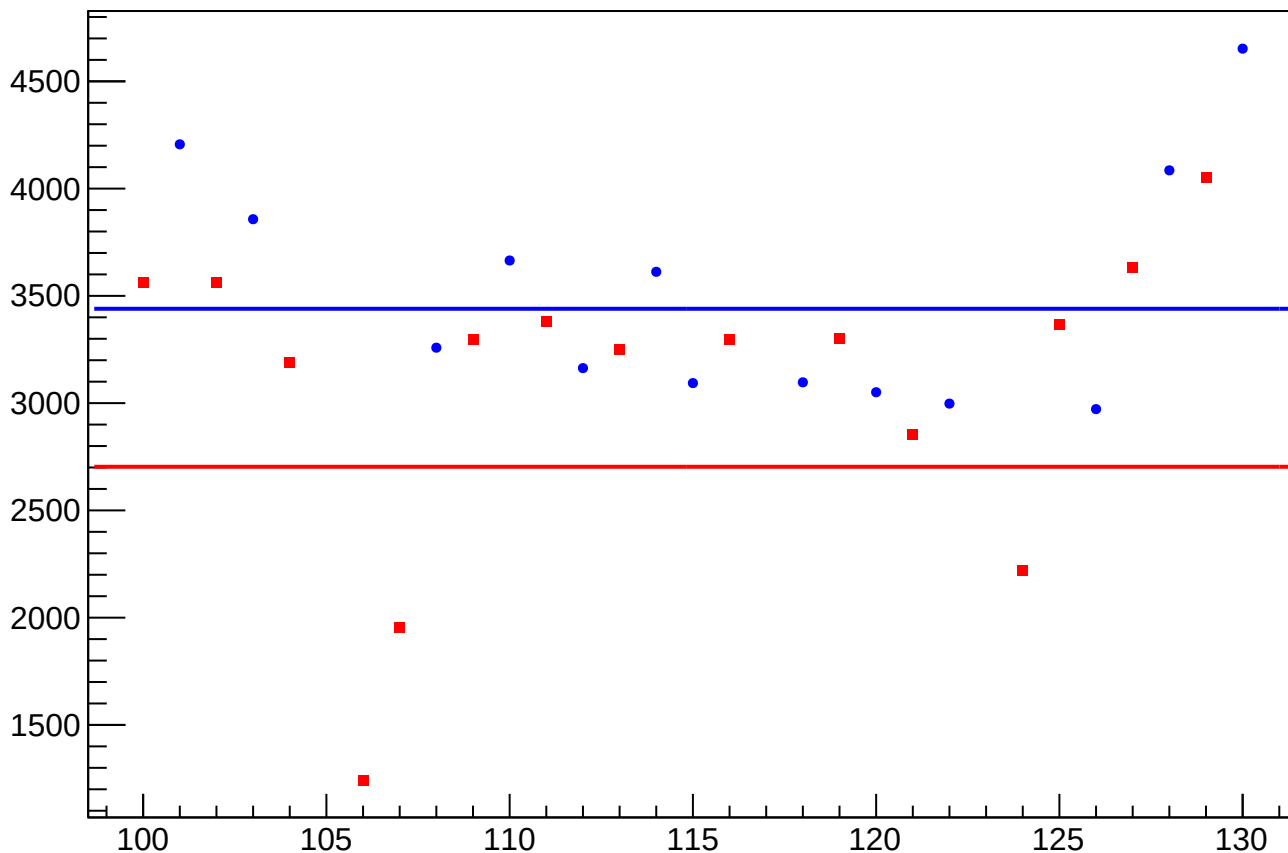
Right: 350.824+/-928.579 χ^2/NDF : 26.7/27

In: 349.586+/-1484.807 χ^2/NDF : 11.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 350.824+/-928.579 χ^2/NDF : 26.7/27

asym_at1_avg_at2_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3439.858+/-1.050 χ^2/NDF : 232755.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2703.392+/-0.841 χ^2/NDF : 1189156.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

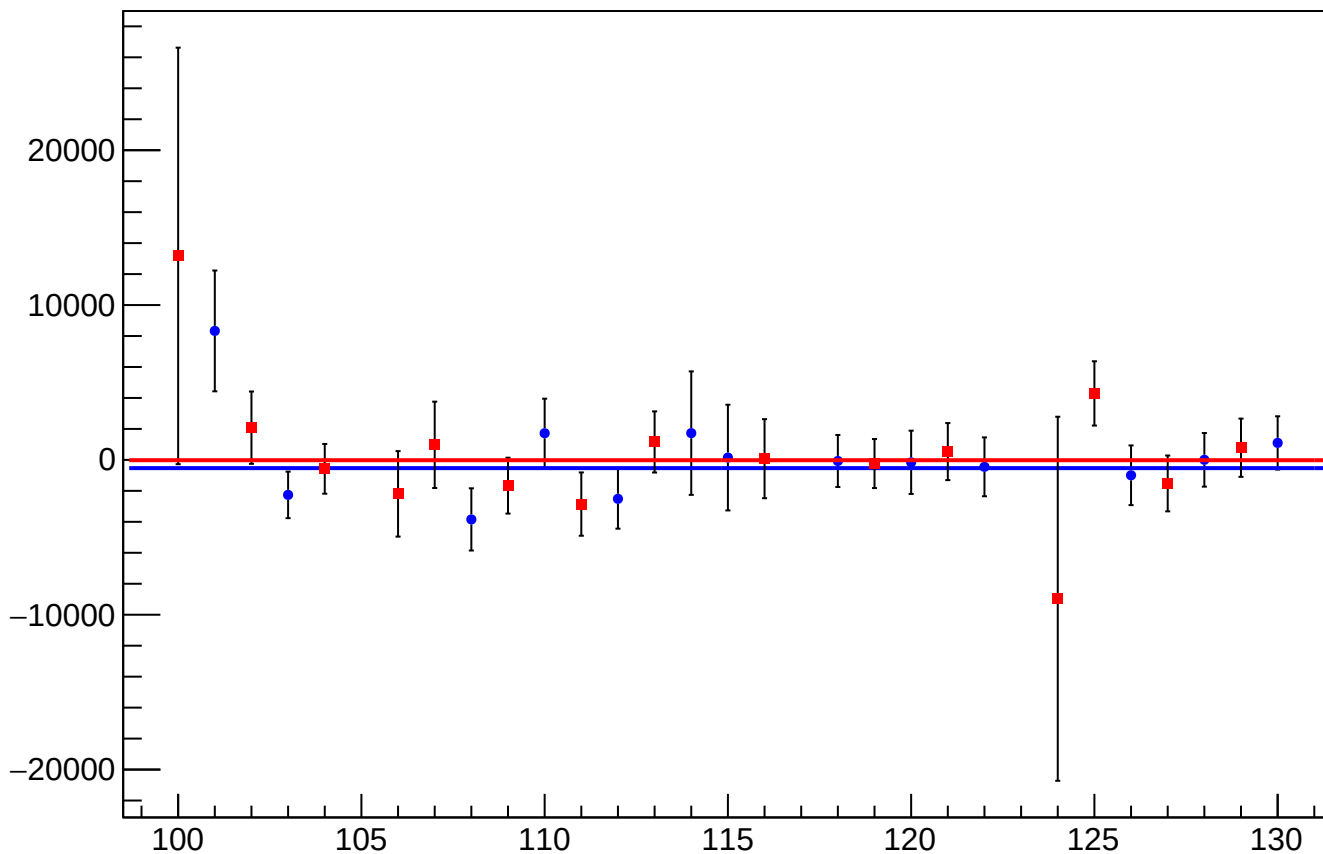
Right: 2991.430+/-0.657 χ^2/NDF : 1721507.3/27

In: 3439.858+/-1.050 χ^2/NDF : 232755.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2991.430+/-0.657 χ^2/NDF : 1721507.3/27

cor_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -532.482+/-560.180 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.515+/-549.167 χ^2/NDF : 11.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

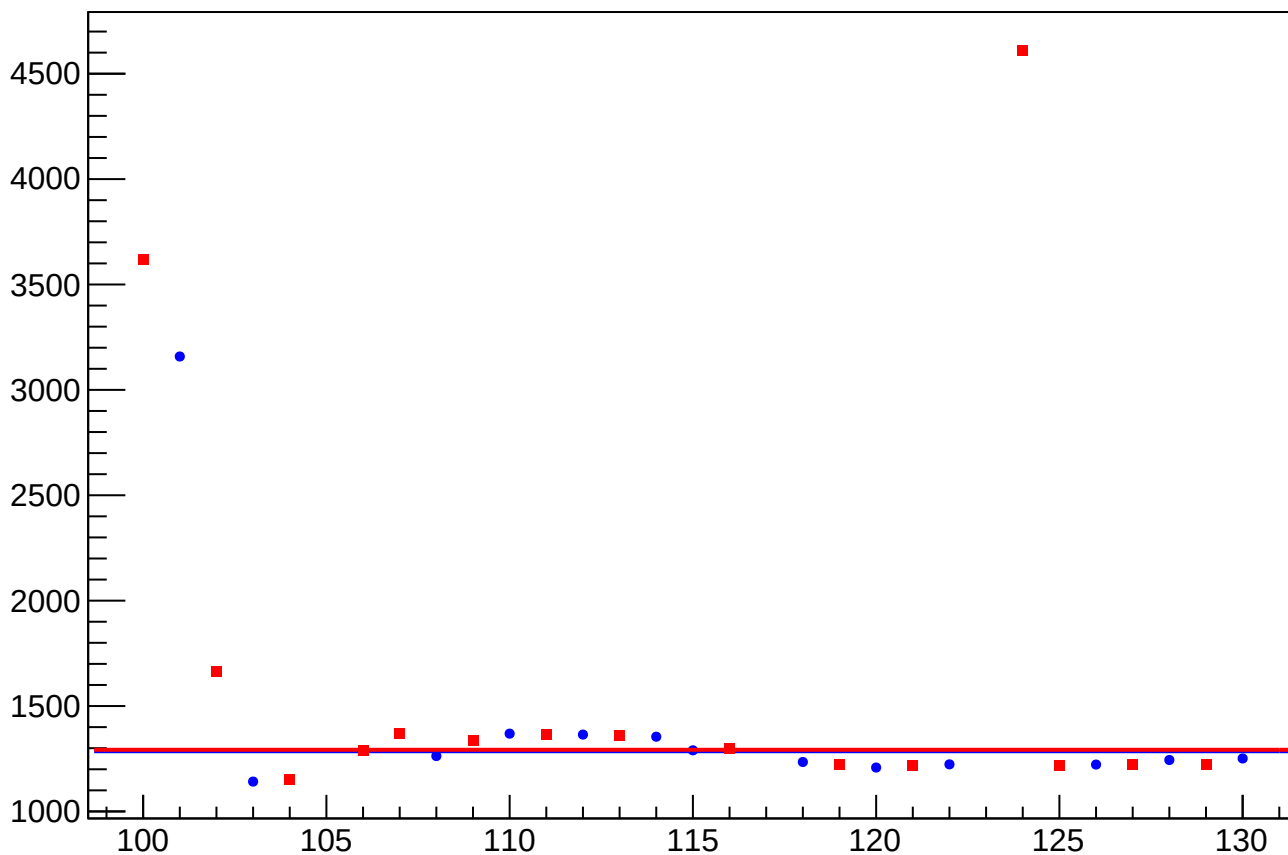
Right: -271.416+/-392.156 χ^2/NDF : 24.9/27

In: -532.482+/-560.180 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -271.416+/-392.156 χ^2/NDF : 24.9/27

cor_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1285.613+/-0.396 χ^2/NDF : 497504.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1292.479+/-0.387 χ^2/NDF : 309318.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

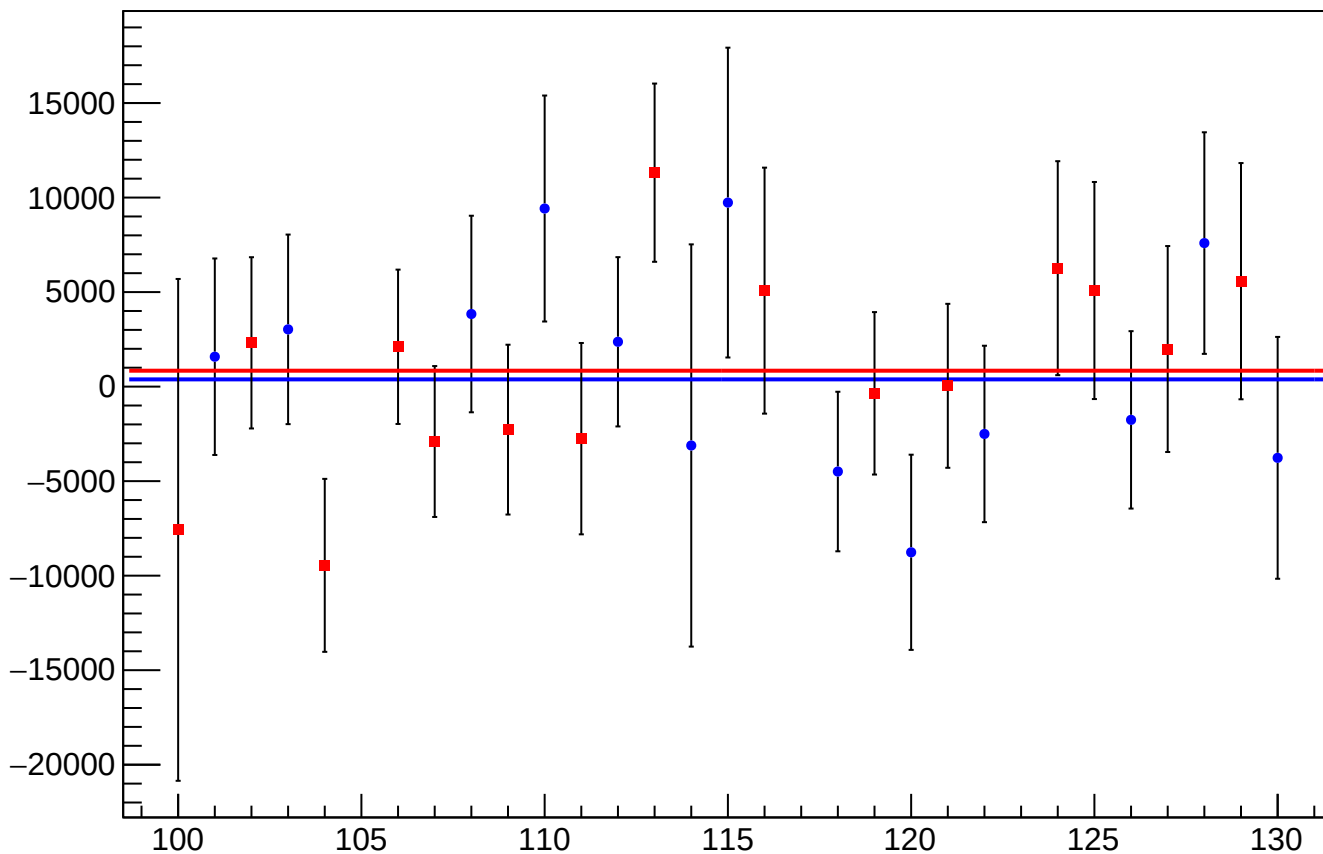
Right: 1289.122+/-0.277 χ^2/NDF : 806975.9/27

In: 1285.613+/-0.396 χ^2/NDF : 497504.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1289.122+/-0.277 χ^2/NDF : 806975.9/27

asym_at1_avg_at2_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 382.266+/-1484.167 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 841.605+/-1279.903 χ^2/NDF : 15.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

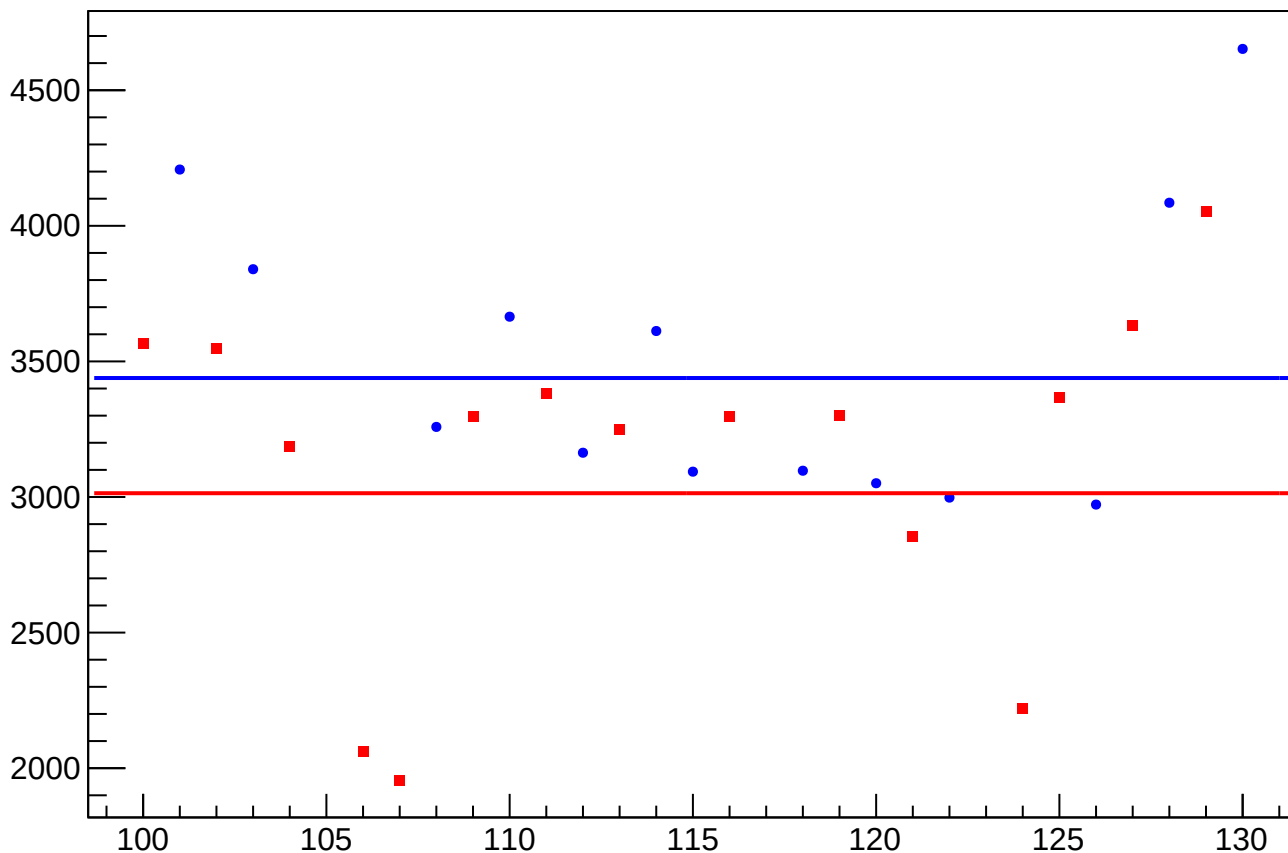
Right: 645.696+/-969.266 χ^2/NDF : 26.8/27

In: 382.266+/-1484.167 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 645.696+/-969.266 χ^2/NDF : 26.8/27

asym_at1_avg_at2_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3438.769+/-1.049 χ^2/NDF : 231876.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3013.962+/-0.905 χ^2/NDF : 451006.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

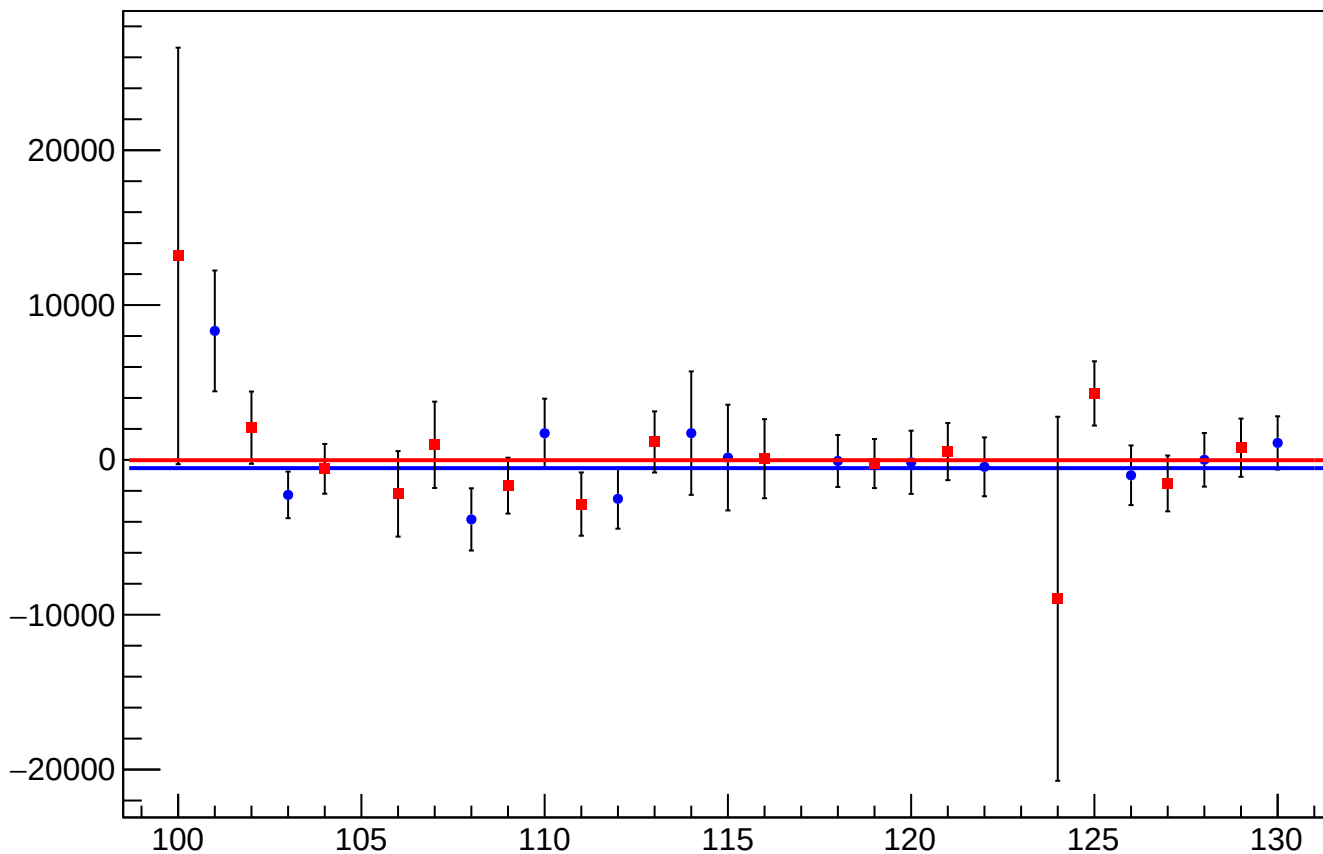
Right: 3195.143+/-0.685 χ^2/NDF : 776851.1/27

In: 3438.769+/-1.049 χ^2/NDF : 231876.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3195.143+/-0.685 χ^2/NDF : 776851.1/27

eigen_cor_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -532.482+/-560.180 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.515+/-549.167 χ^2/NDF : 11.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

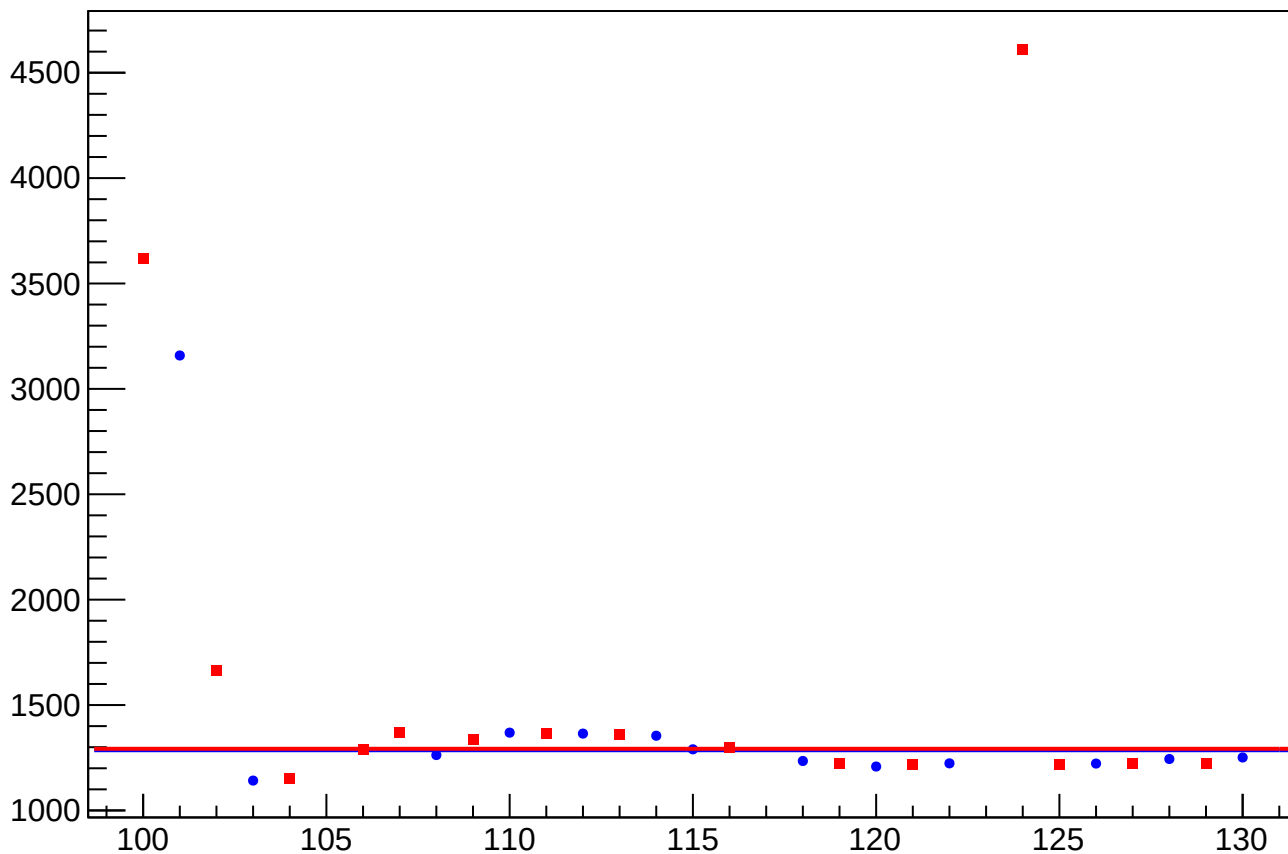
Right: -271.416+/-392.156 χ^2/NDF : 24.9/27

In: -532.482+/-560.180 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -271.416+/-392.156 χ^2/NDF : 24.9/27

eigen_cor_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1285.613+/-0.396 χ^2/NDF : 497504.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1292.479+/-0.387 χ^2/NDF : 309318.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

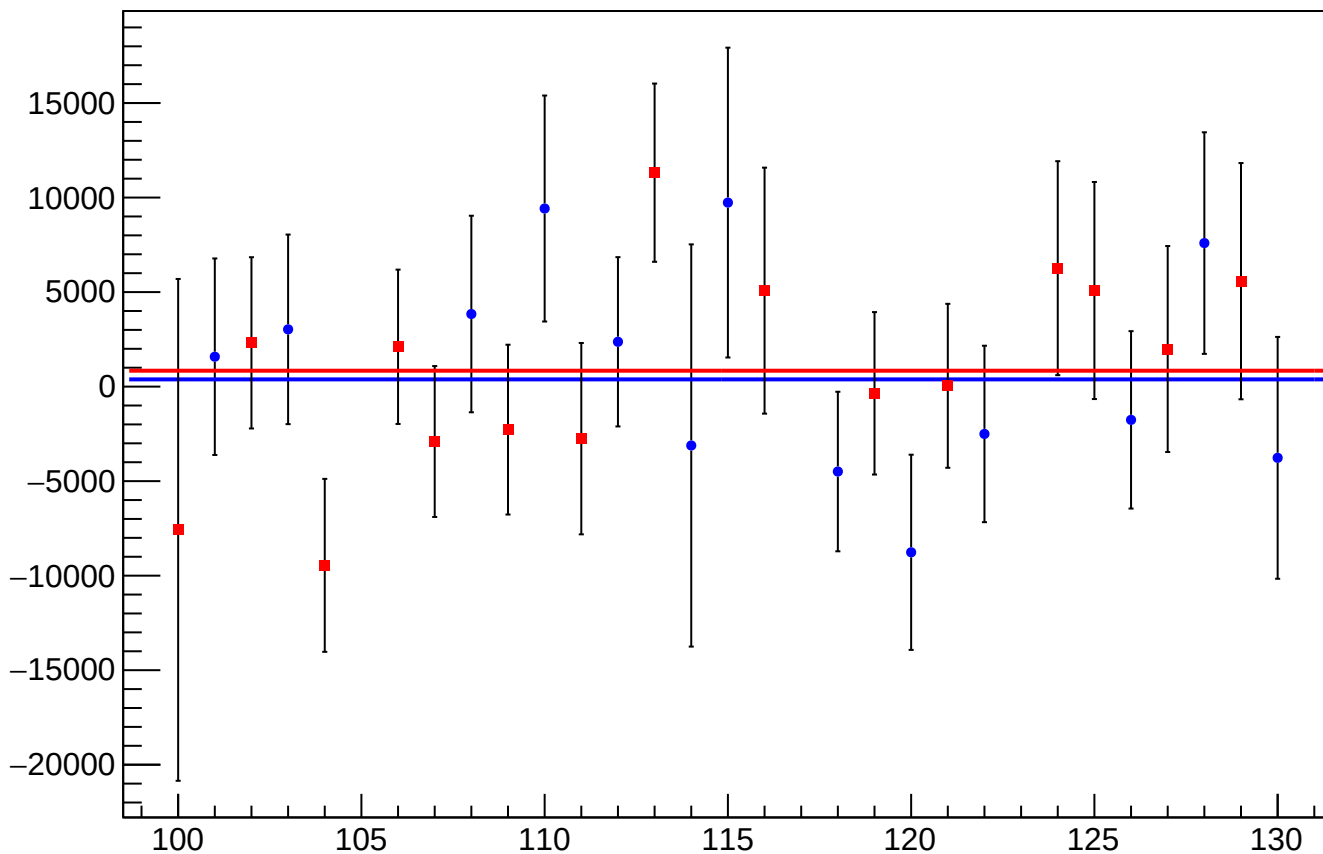
Right: 1289.122+/-0.277 χ^2/NDF : 806975.9/27

In: 1285.613+/-0.396 χ^2/NDF : 497504.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1289.122+/-0.277 χ^2/NDF : 806975.9/27

asym_at1_avg_at2_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 382.266+/-1484.167 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 841.605+/-1279.903 χ^2/NDF : 15.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

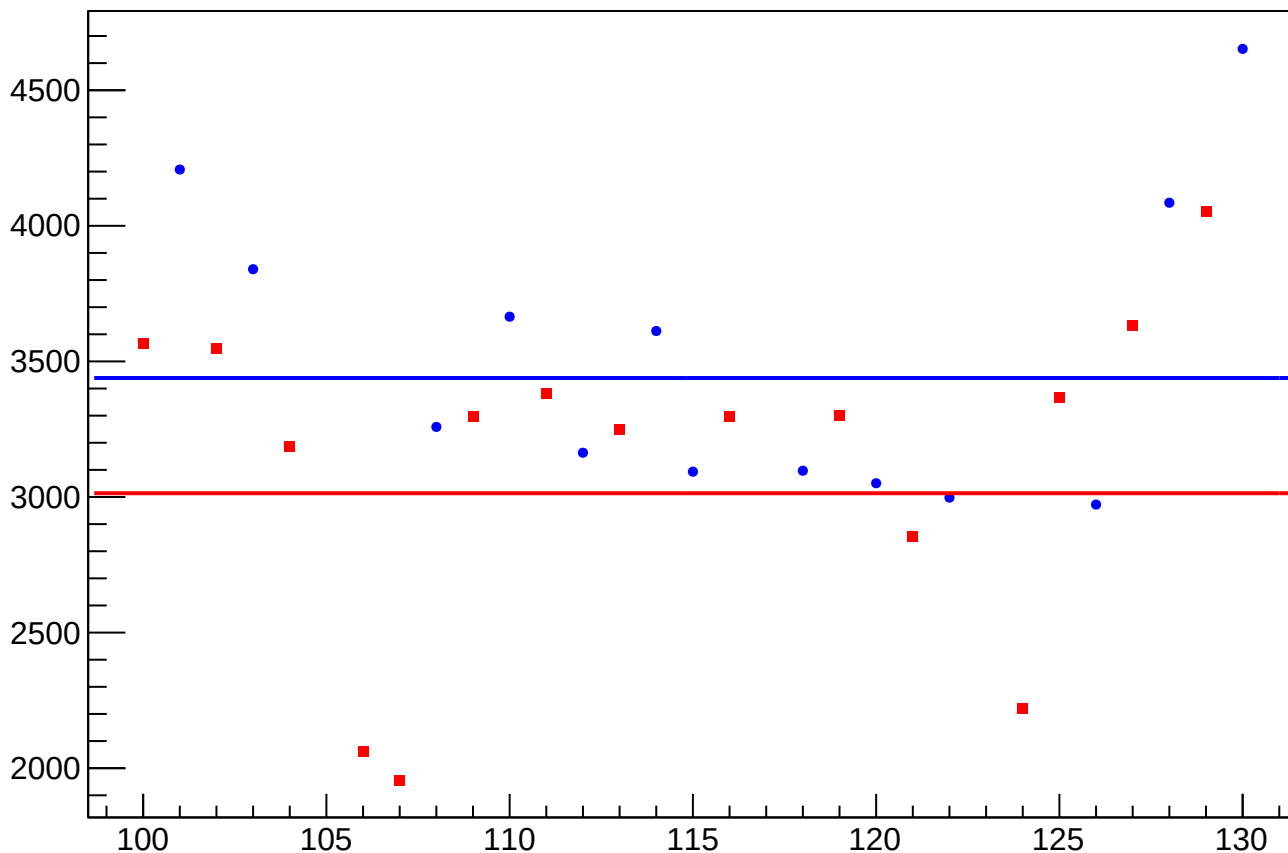
Right: 645.696+/-969.266 χ^2/NDF : 26.8/27

In: 382.266+/-1484.167 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 645.696+/-969.266 χ^2/NDF : 26.8/27

asym_at1_avg_at2_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3438.769+/-1.049 χ^2/NDF : 231876.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3013.962+/-0.905 χ^2/NDF : 451006.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

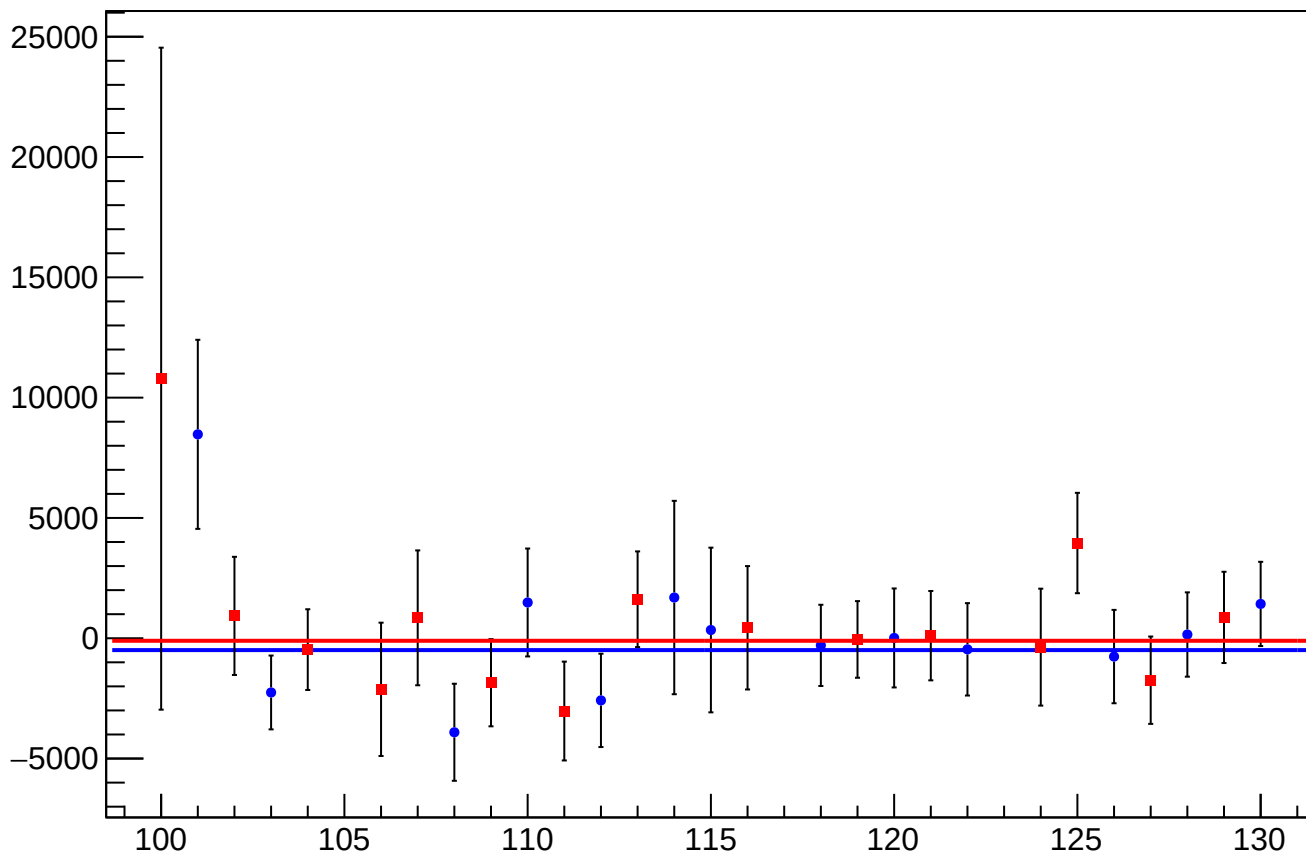
Right: 3195.143+/-0.685 χ^2/NDF : 776851.1/27

In: 3438.769+/-1.049 χ^2/NDF : 231876.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3195.143+/-0.685 χ^2/NDF : 776851.1/27

dit_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -492.281+/-565.819 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -105.452+/-542.663 χ^2/NDF : 10.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

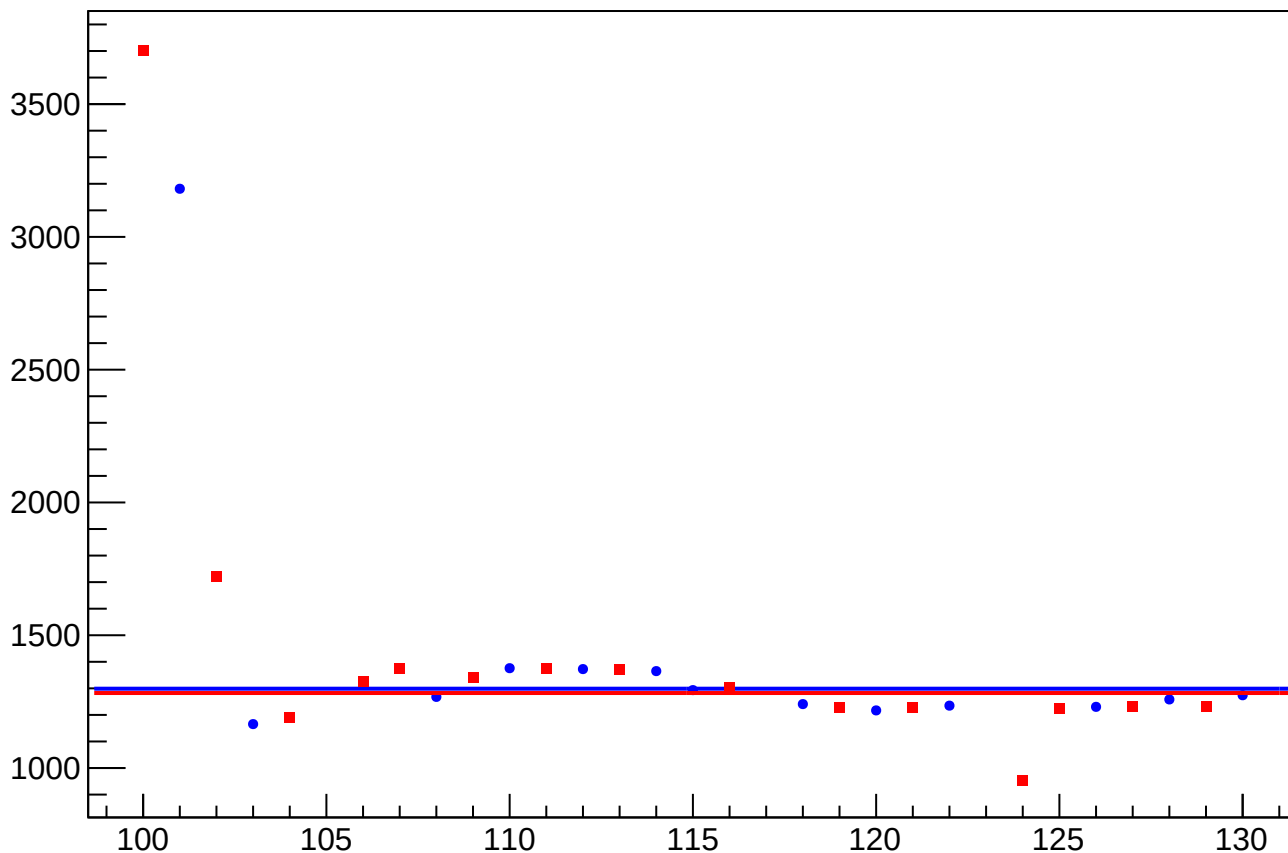
Right: -290.789+/-391.651 χ^2/NDF : 23.5/27

In: -492.281+/-565.819 χ^2/NDF : 13.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -290.789+/-391.651 χ^2/NDF : 23.5/27

dit_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1298.736+/-0.400 χ^2/NDF : 492173.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1282.449+/-0.383 χ^2/NDF : 189945.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

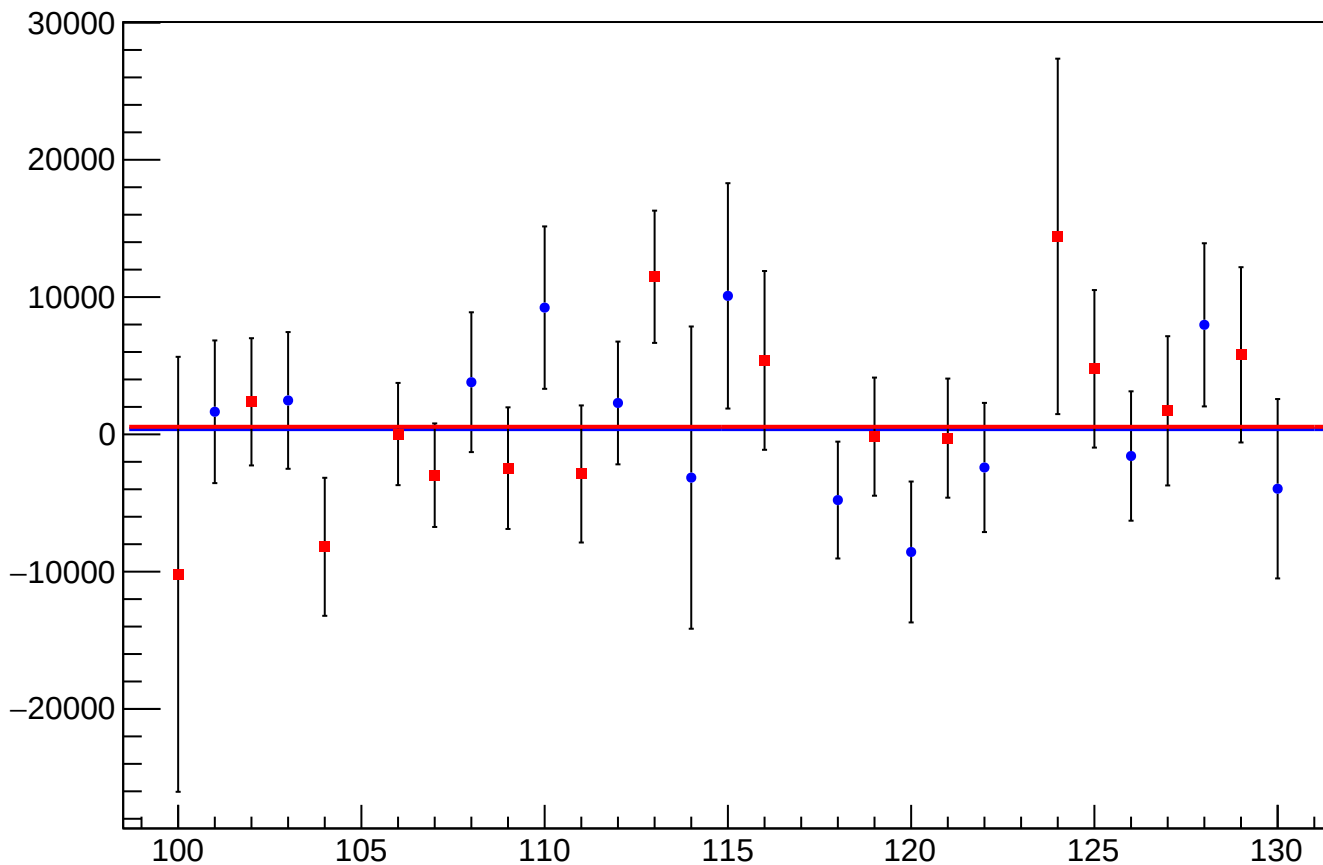
Right: 1290.245+/-0.277 χ^2/NDF : 682982.4/27

In: 1298.736+/-0.400 χ^2/NDF : 492173.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1290.245+/-0.277 χ^2/NDF : 682982.4/27

asym_at1_avg_at2_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 381.695+/-1486.105 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 551.679+/-1299.415 χ^2/NDF : 13.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

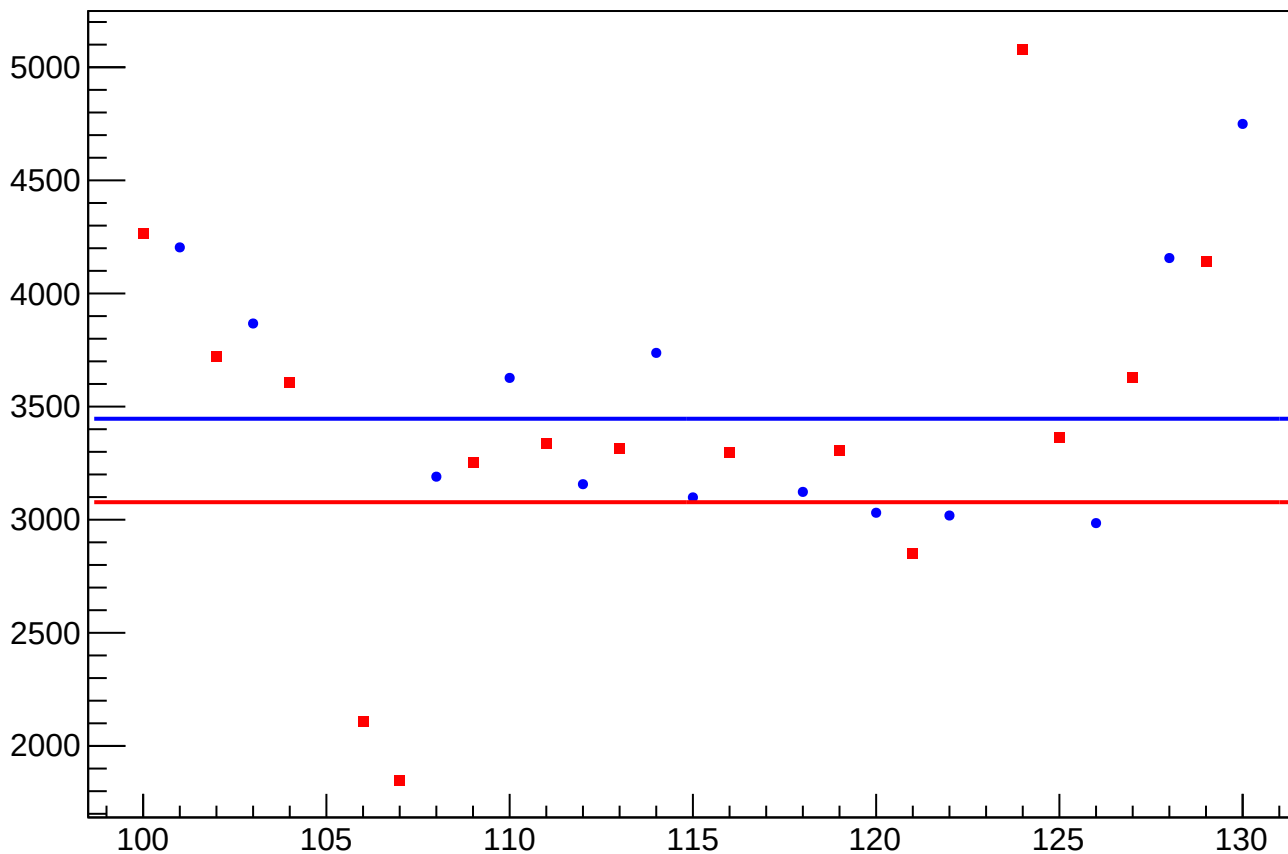
Right: 478.029+/-978.212 χ^2/NDF : 25.4/27

In: 381.695+/-1486.105 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 478.029+/-978.212 χ^2/NDF : 25.4/27

asym_at1_avg_at2_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3446.286+/-1.051 χ^2 /NDF: 245591.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 3077.431+/-0.919 χ^2 /NDF: 575603.2/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

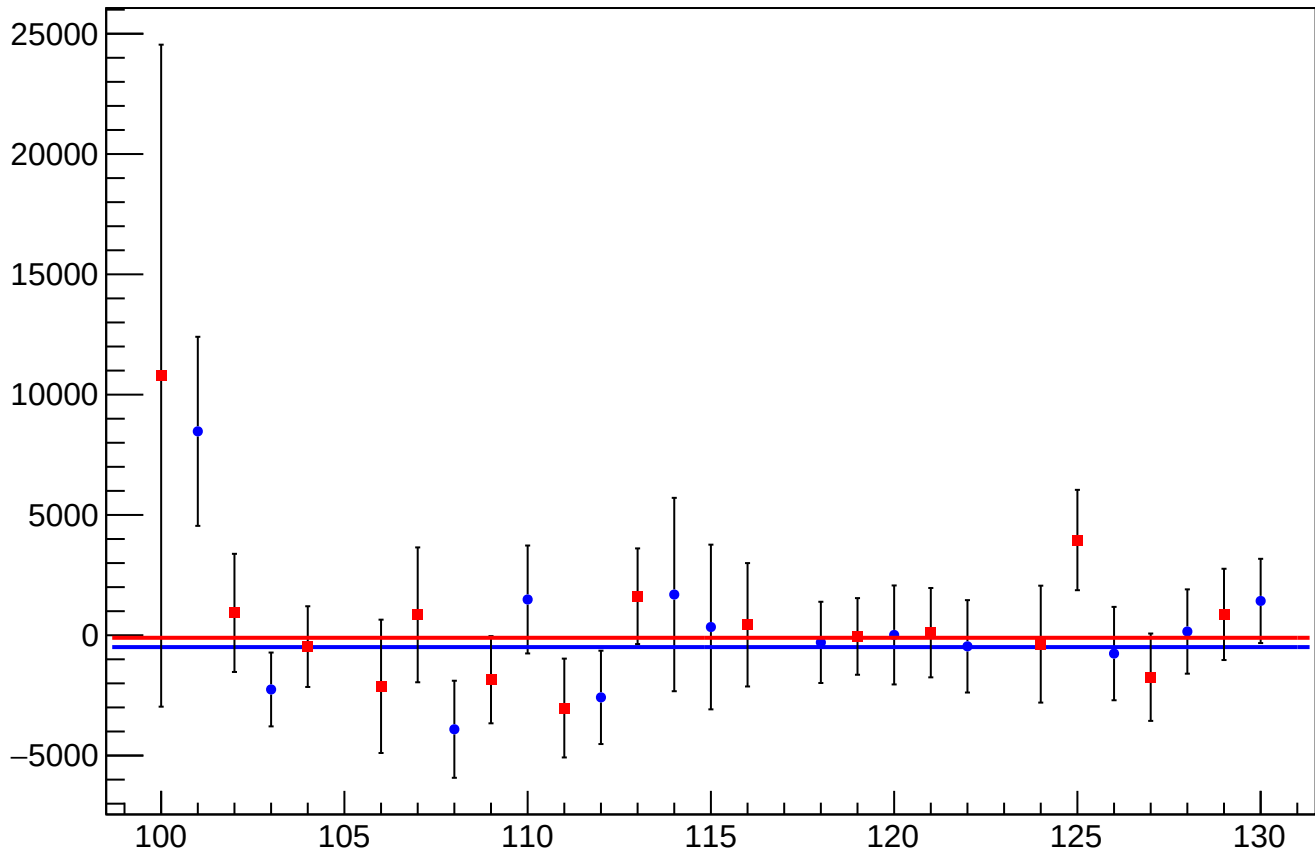
Right: 3237.248+/-0.692 χ^2 /NDF: 891019.8/27

In: 3446.286+/-1.051 χ^2 /NDF:245591.6/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 3237.248+/-0.692 χ^2 /NDF: 891019.8/27

eigen_dit_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -492.285+/-565.818 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -105.460+/-542.663 χ^2/NDF : 10.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

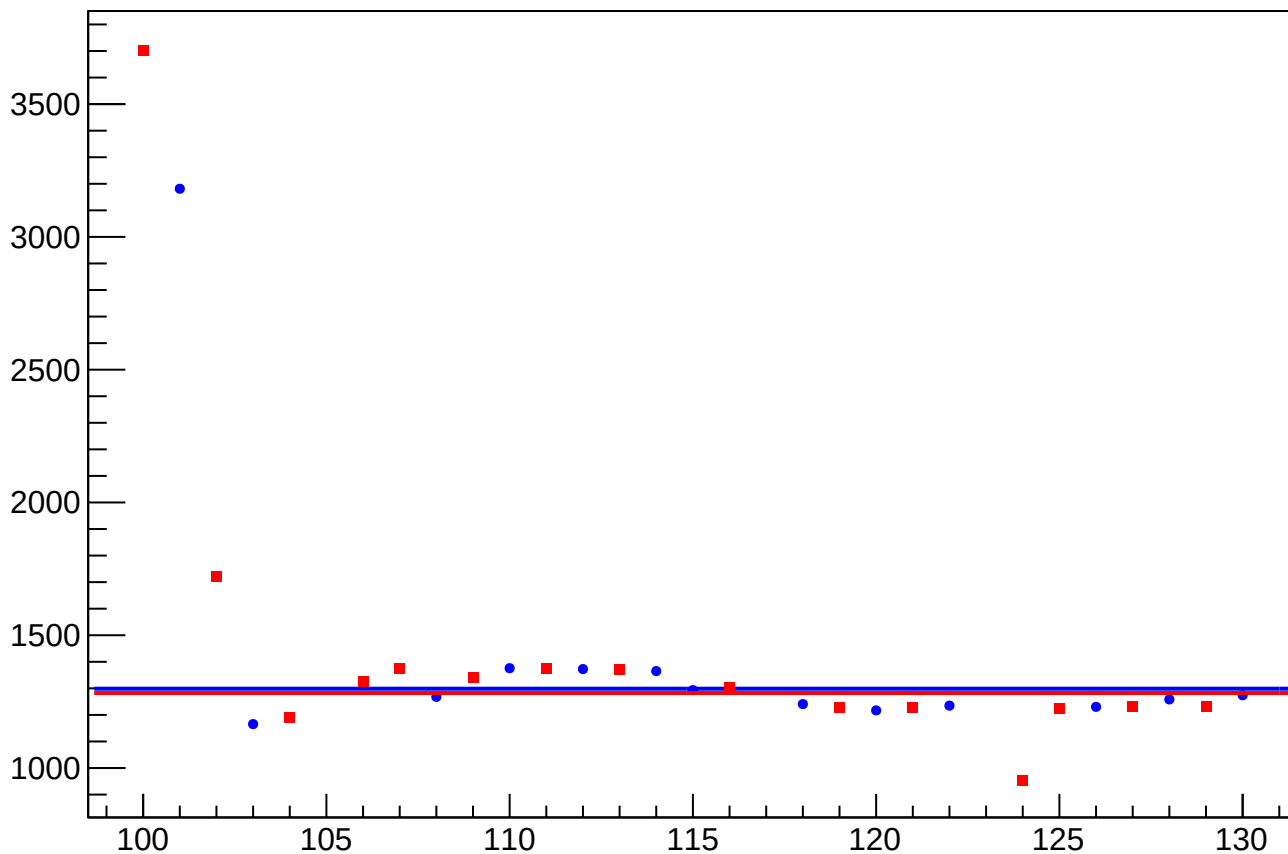
Right: -290.795+/-391.651 χ^2/NDF : 23.5/27

In: -492.285+/-565.818 χ^2/NDF : 13.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -290.795+/-391.651 χ^2/NDF : 23.5/27

eigen_dit_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1298.735+/-0.400 χ^2/NDF : 492173.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1282.449+/-0.383 χ^2/NDF : 189945.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

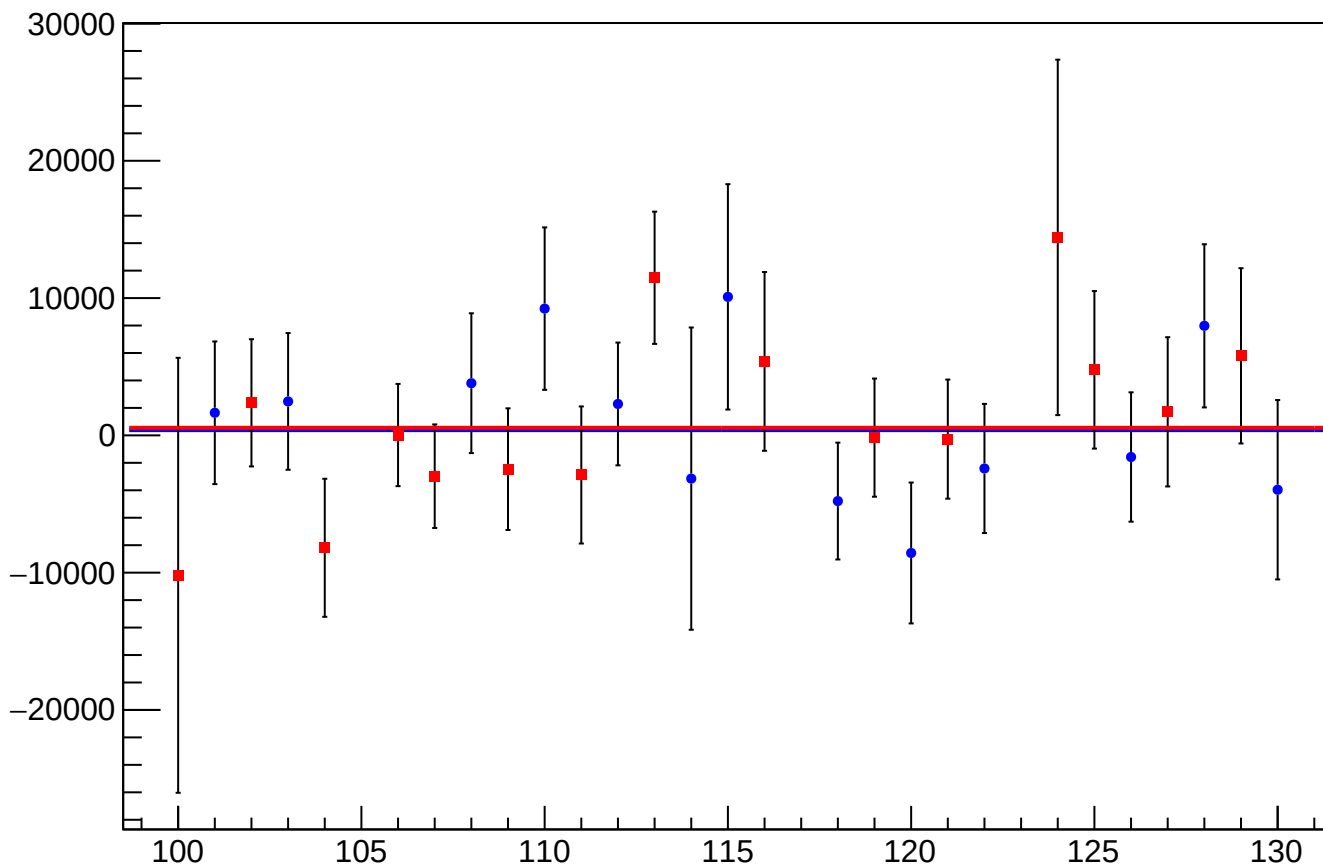
Right: 1290.244+/-0.277 χ^2/NDF : 682982.7/27

In: 1298.735+/-0.400 χ^2/NDF : 492173.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1290.244+/-0.277 χ^2/NDF : 682982.7/27

asym_at1_avg_at2_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 381.688+/-1486.101 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 551.674+/-1299.411 χ^2/NDF : 13.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

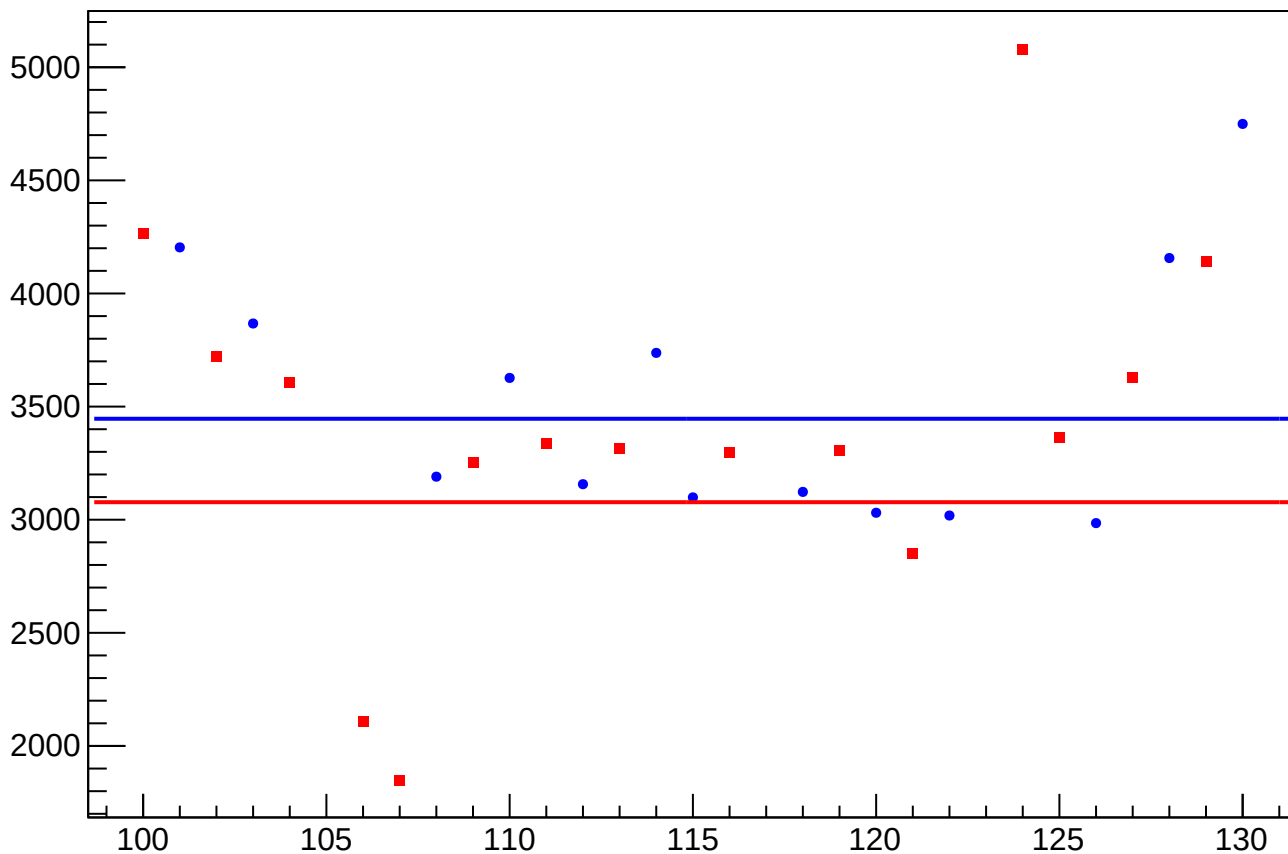
Right: 478.023+/-978.209 χ^2/NDF : 25.4/27

In: 381.688+/-1486.101 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 478.023+/-978.209 χ^2/NDF : 25.4/27

asym_at1_avg_at2_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3446.274+/-1.051 χ^2 /NDF: 245593.9/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 3077.423+/-0.919 χ^2 /NDF: 575604.3/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

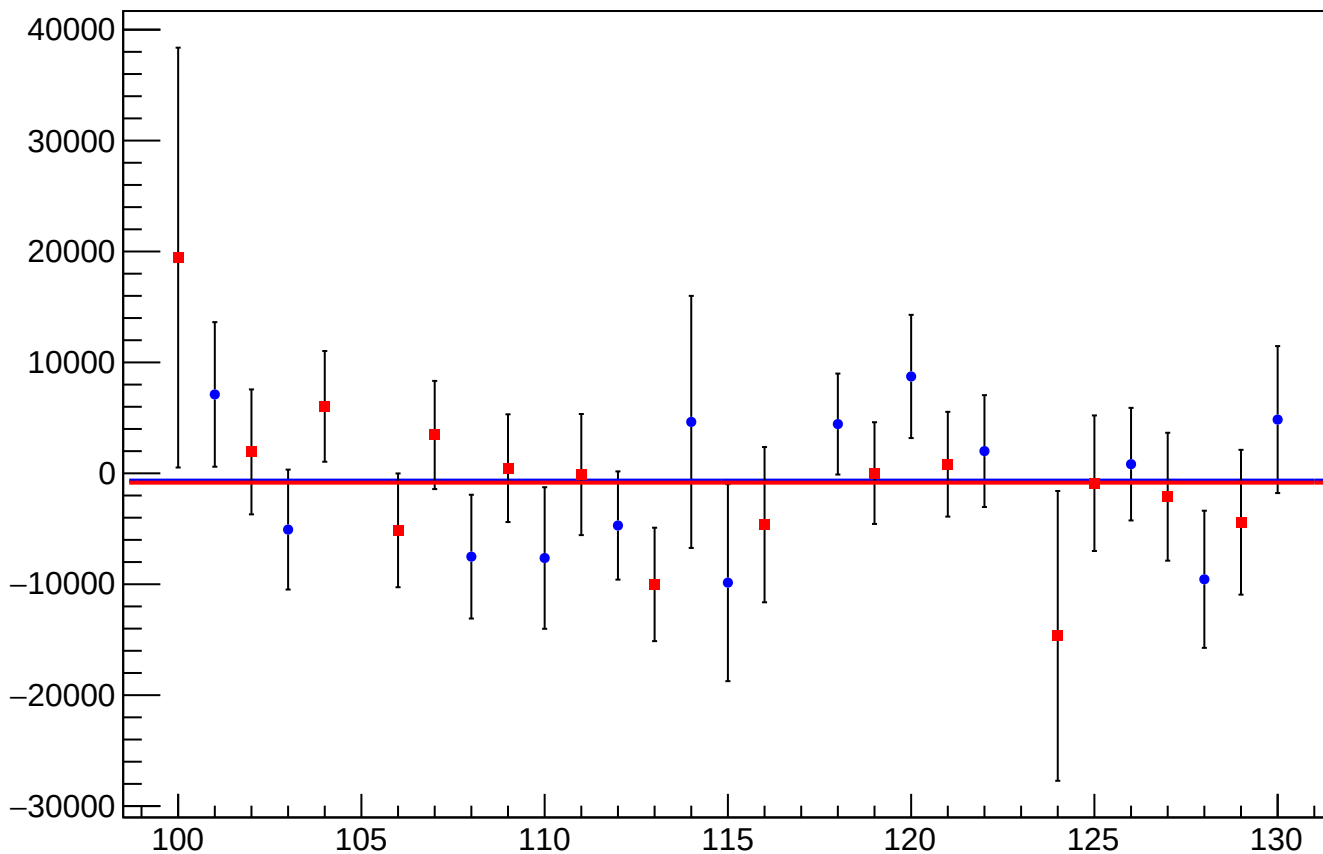
Right: 3237.238+/-0.692 χ^2 /NDF: 891022.4/27

In: 3446.274+/-1.051 χ^2 /NDF:245593.9/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 3237.238+/-0.692 χ^2 /NDF: 891022.4/27

asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -656.473+/-1612.431 χ^2/NDF : 14.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -840.111+/-1462.293 χ^2/NDF : 10.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

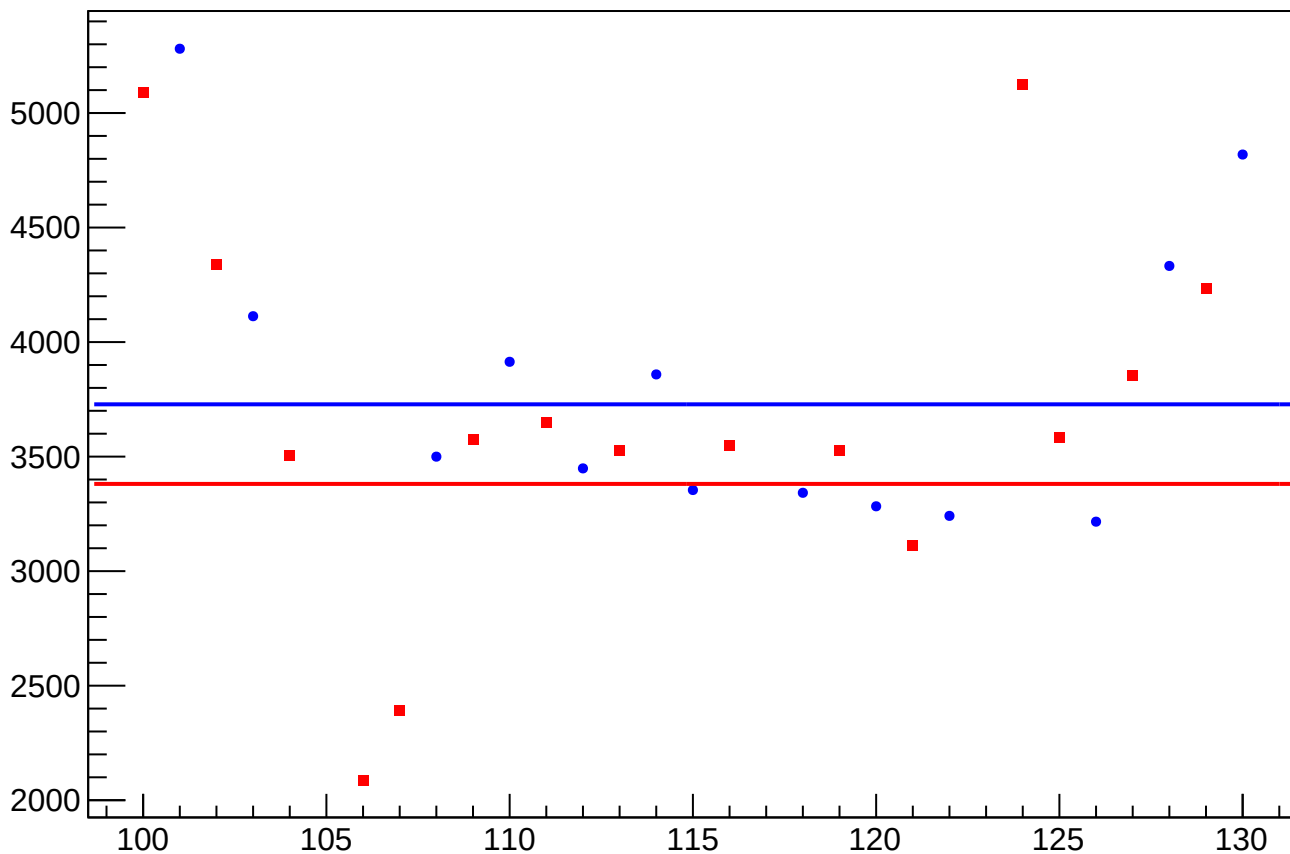
Right: -757.237+/-1083.197 χ^2/NDF : 24.0/27

In: -656.473+/-1612.431 χ^2/NDF : 14.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -757.237+/-1083.197 χ^2/NDF : 24.0/27

asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 3728.278+/-1.140 χ^2/NDF : 278567.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3380.804+/-1.017 χ^2/NDF : 441427.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

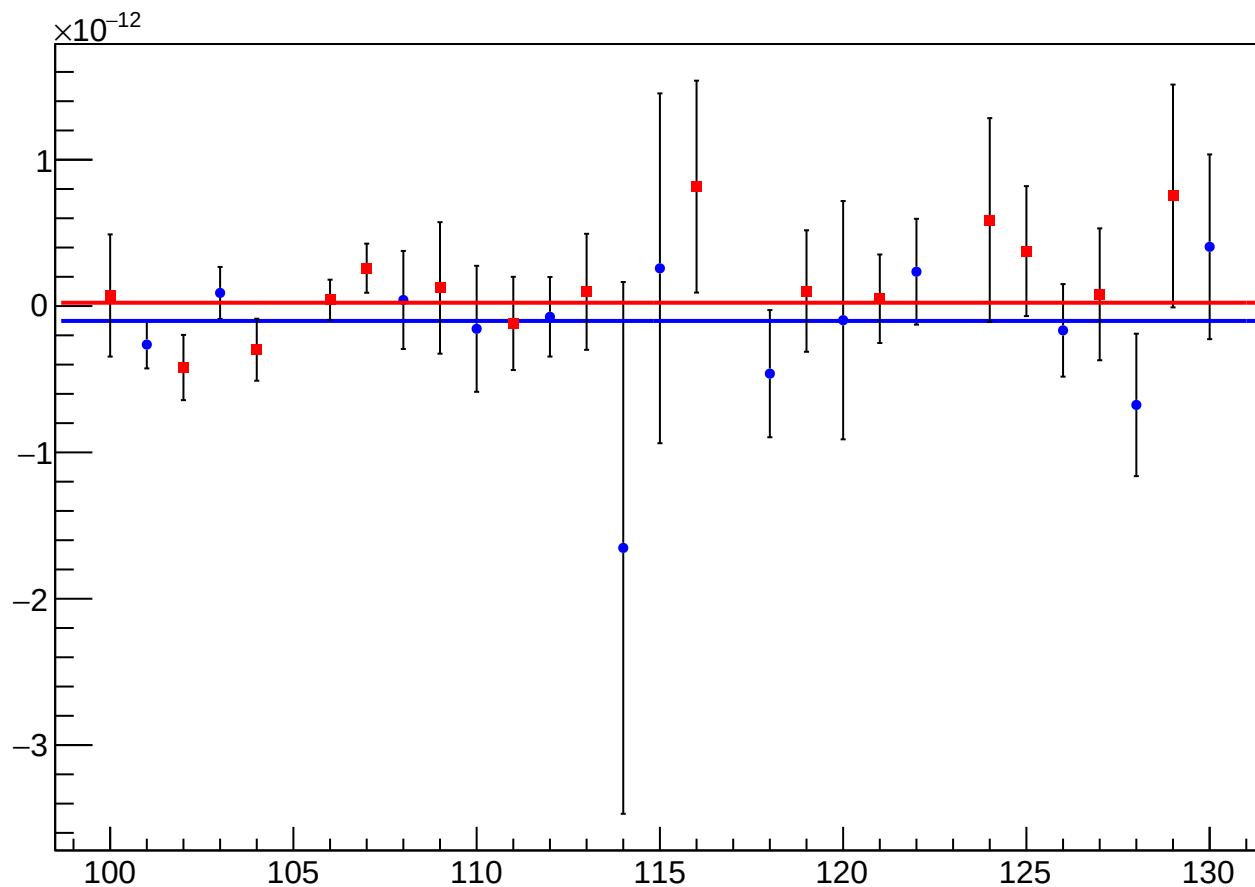
Right: 3534.799+/-0.759 χ^2/NDF : 771711.9/27

In: 3728.278+/-1.140 χ^2/NDF : 278567.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3534.799+/-0.759 χ^2/NDF : 771711.9/27

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 6.8/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 12.0/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

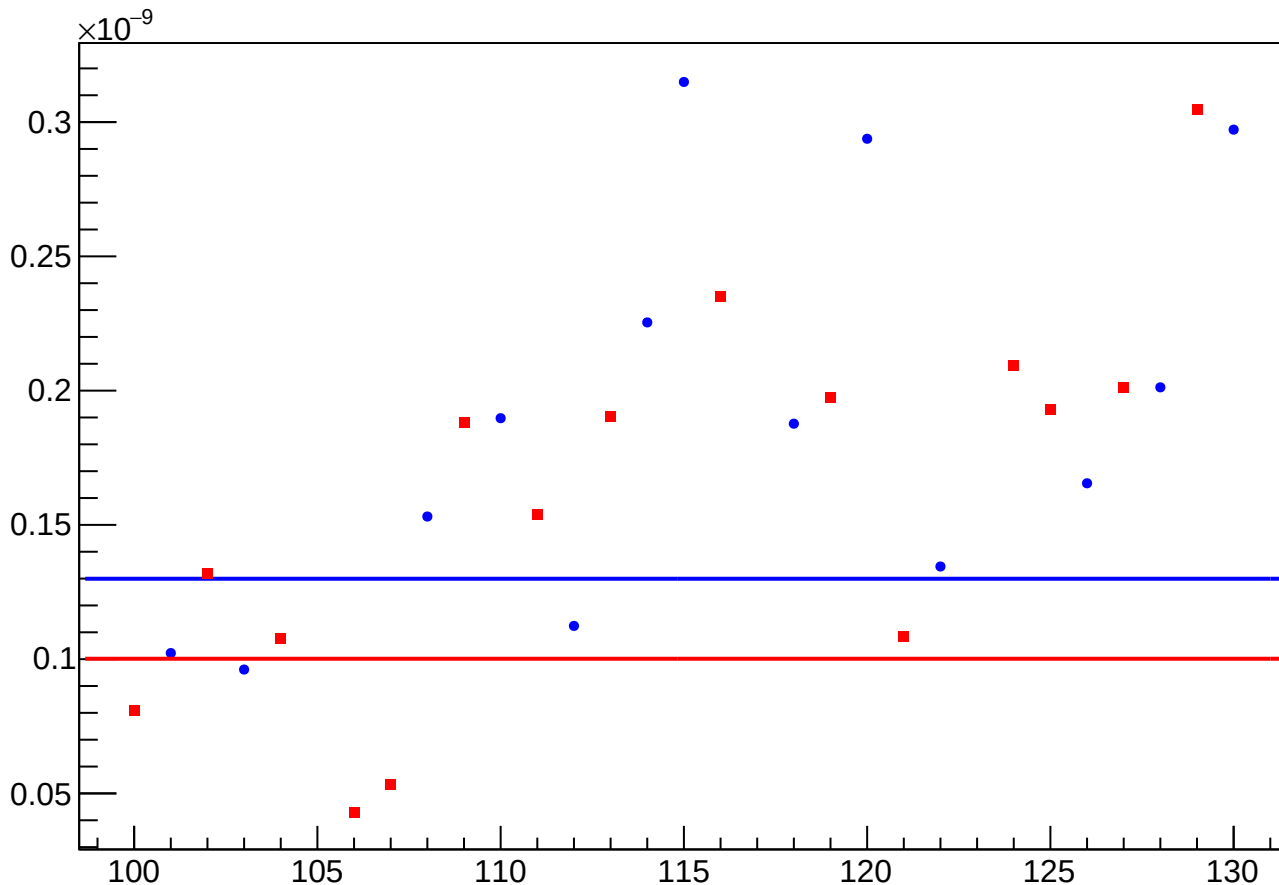
Right: -0.000+/-0.000 χ^2 /NDF: 20.0/27

In: -0.000+/-0.000 χ^2 /NDF:6.8/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 20.0/27

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 565316.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1349820.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

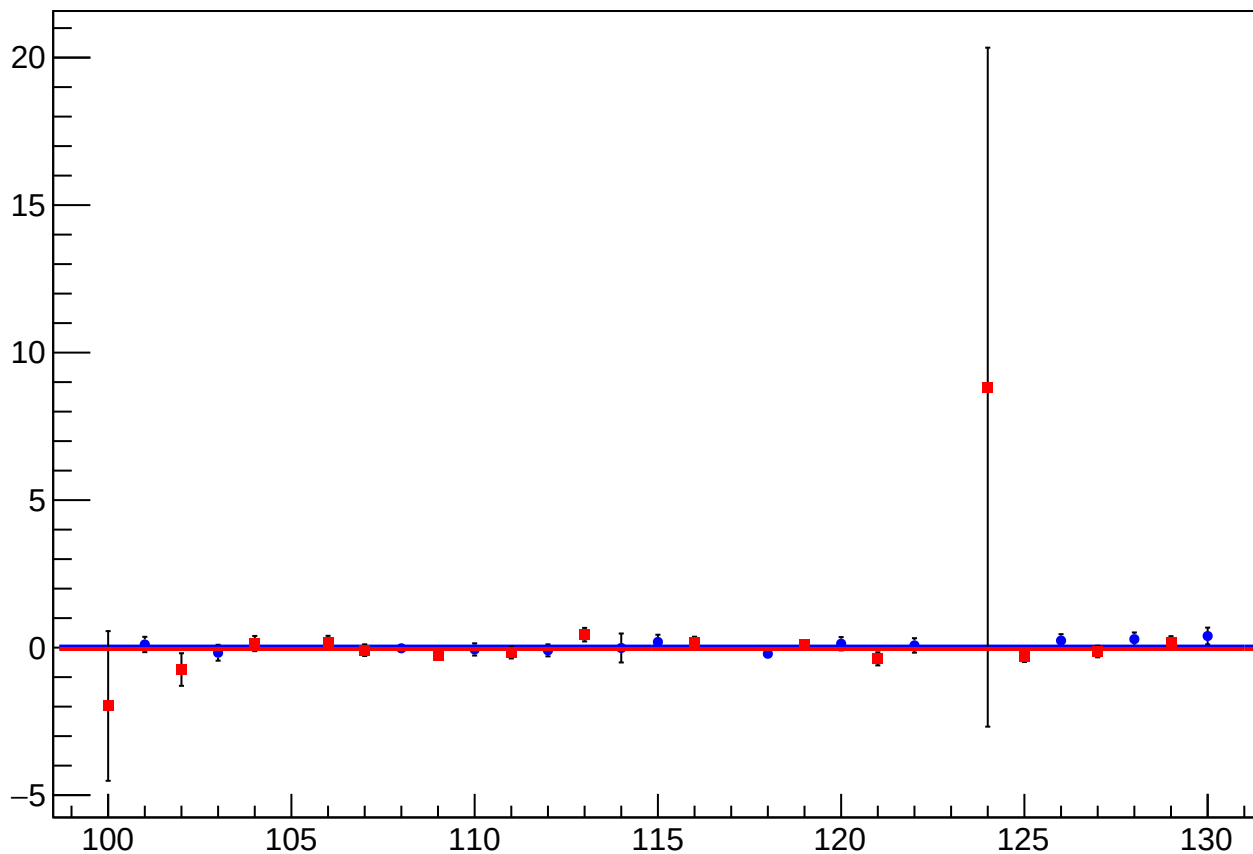
Right: 0.000+/-0.000 χ^2/NDF : 2051870.5/27

In: 0.000+/-0.000 χ^2/NDF : 565316.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2051870.5/27

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035+/-0.062 χ^2/NDF : 7.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.047+/-0.057 χ^2/NDF : 18.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

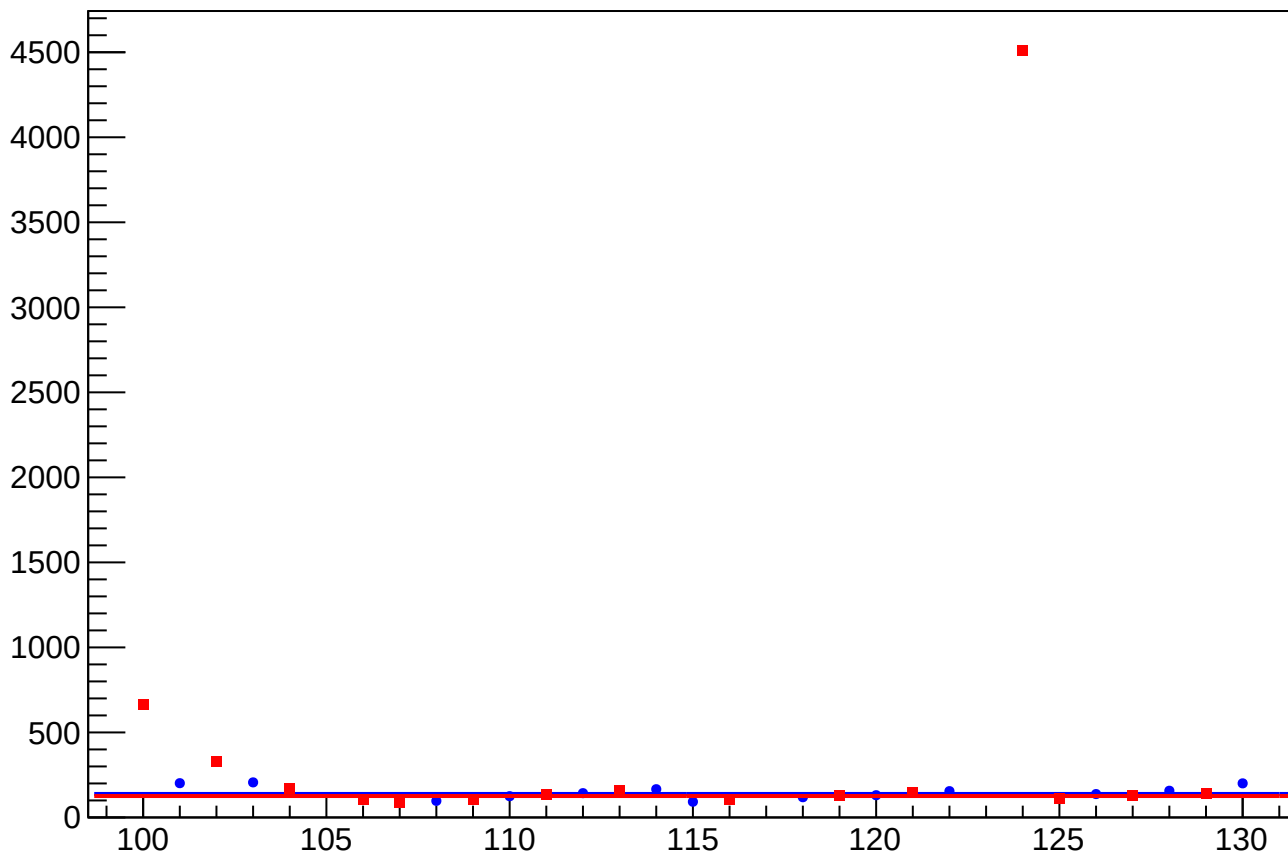
Right: -0.009+/-0.042 χ^2/NDF : 26.8/27

In: 0.035+/-0.062 χ^2/NDF : 7.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.042 χ^2/NDF : 26.8/27

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.180+/-0.044 χ^2/NDF : 607435.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.024+/-0.040 χ^2/NDF : 921541.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

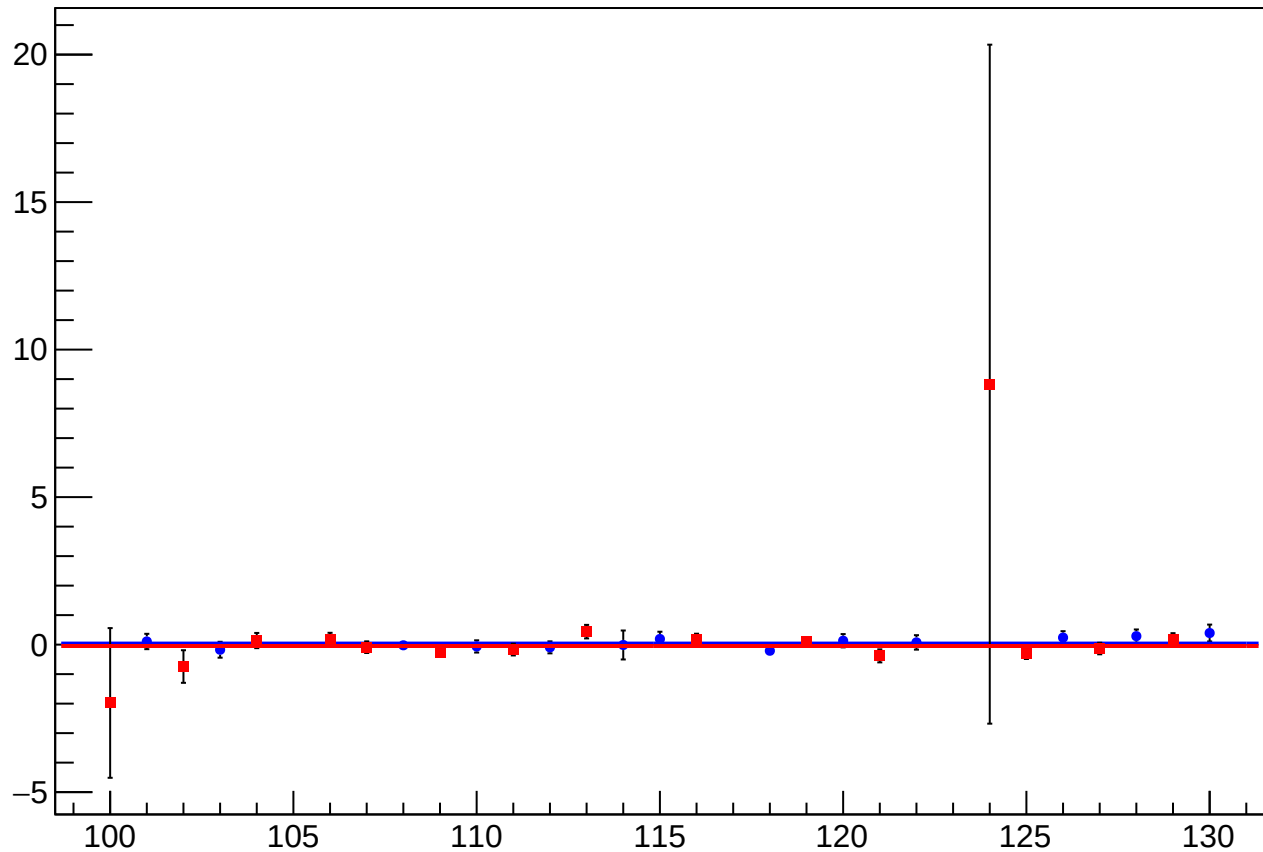
Right: 131.628+/-0.030 χ^2/NDF : 1570777.1/27

In: 138.180+/-0.044 χ^2/NDF : 607435.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.628+/-0.030 χ^2/NDF : 1570777.1/27

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035+/-0.062 χ^2/NDF : 7.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.047+/-0.057 χ^2/NDF : 18.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

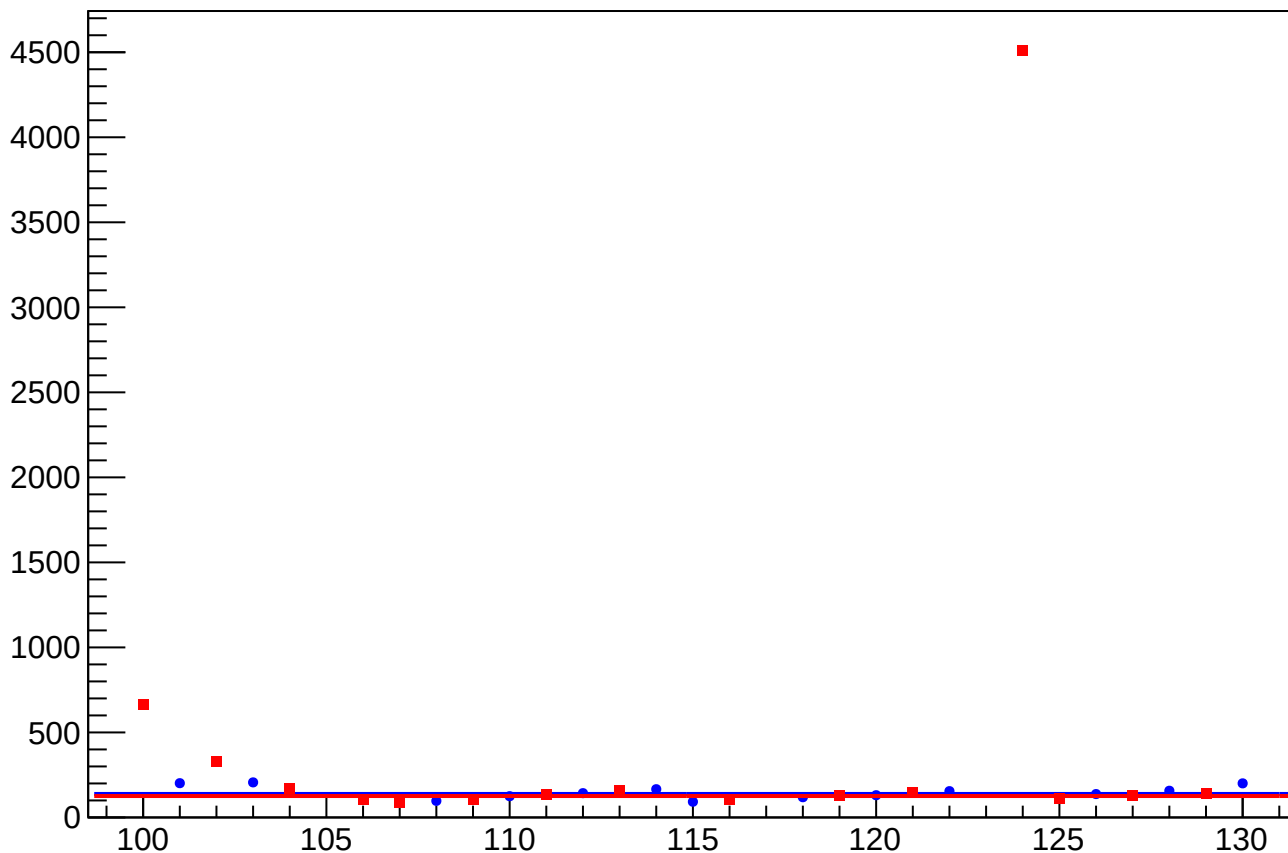
Right: -0.009+/-0.042 χ^2/NDF : 26.8/27

In: 0.035+/-0.062 χ^2/NDF : 7.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.042 χ^2/NDF : 26.8/27

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.180+/-0.044 χ^2/NDF : 607435.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.024+/-0.040 χ^2/NDF : 921541.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

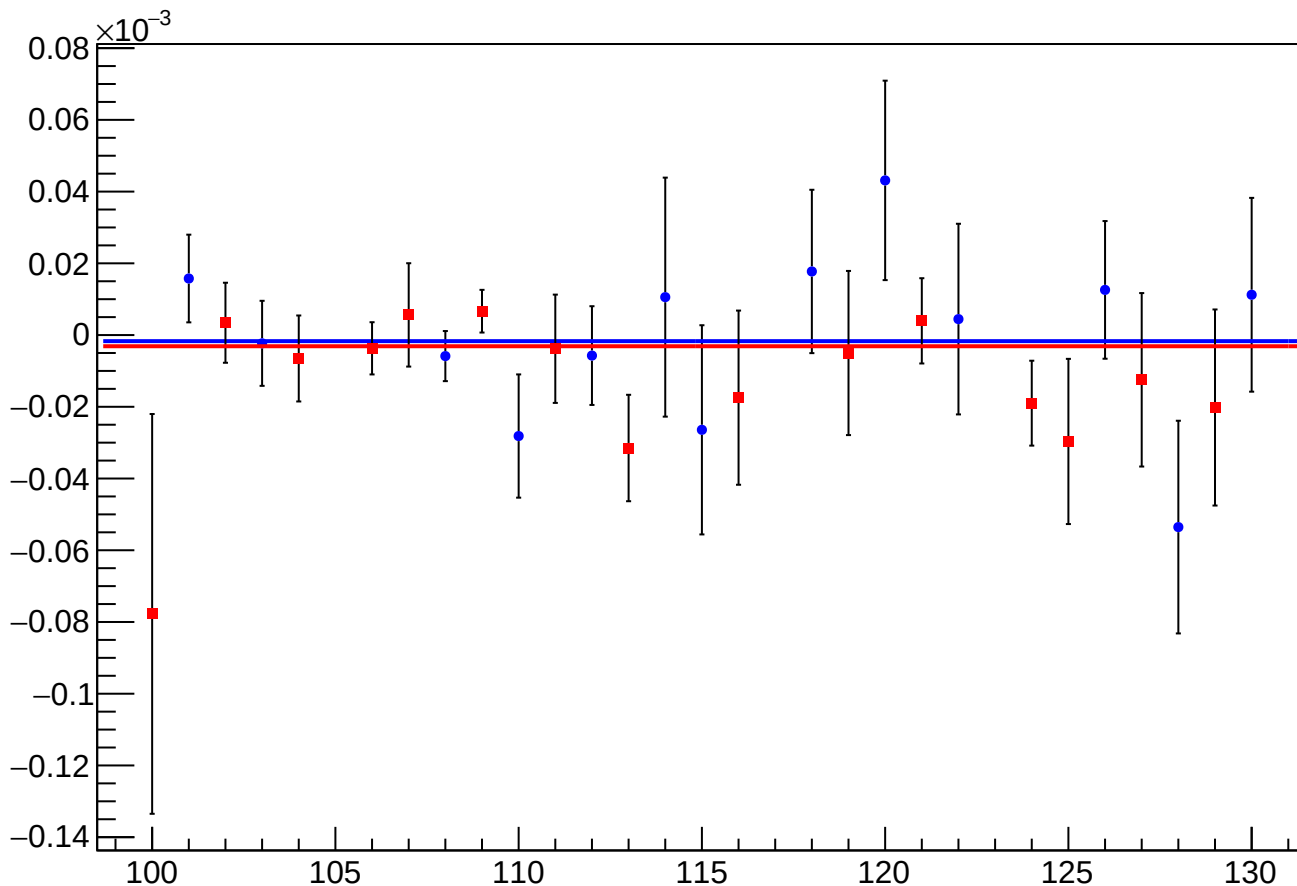
Right: 131.628+/-0.030 χ^2/NDF : 1570777.1/27

In: 138.180+/-0.044 χ^2/NDF : 607435.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.628+/-0.030 χ^2/NDF : 1570777.1/27

asym_at1_avg_at2_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

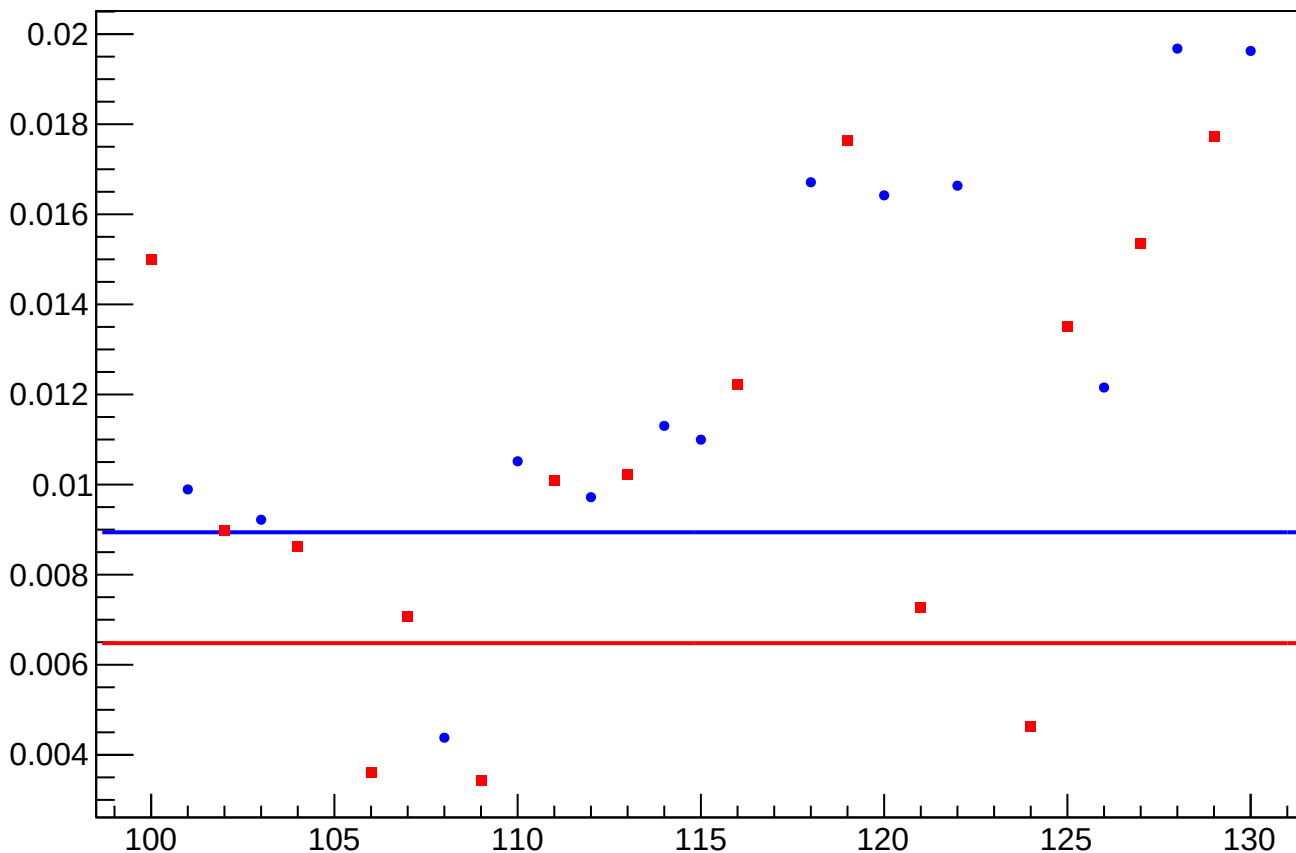
Right: -0.000+/-0.000 χ^2/NDF : 26.3/27

In: -0.000+/-0.000 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.3/27

asym_at1_avg_at2_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 2085354.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 2729592.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

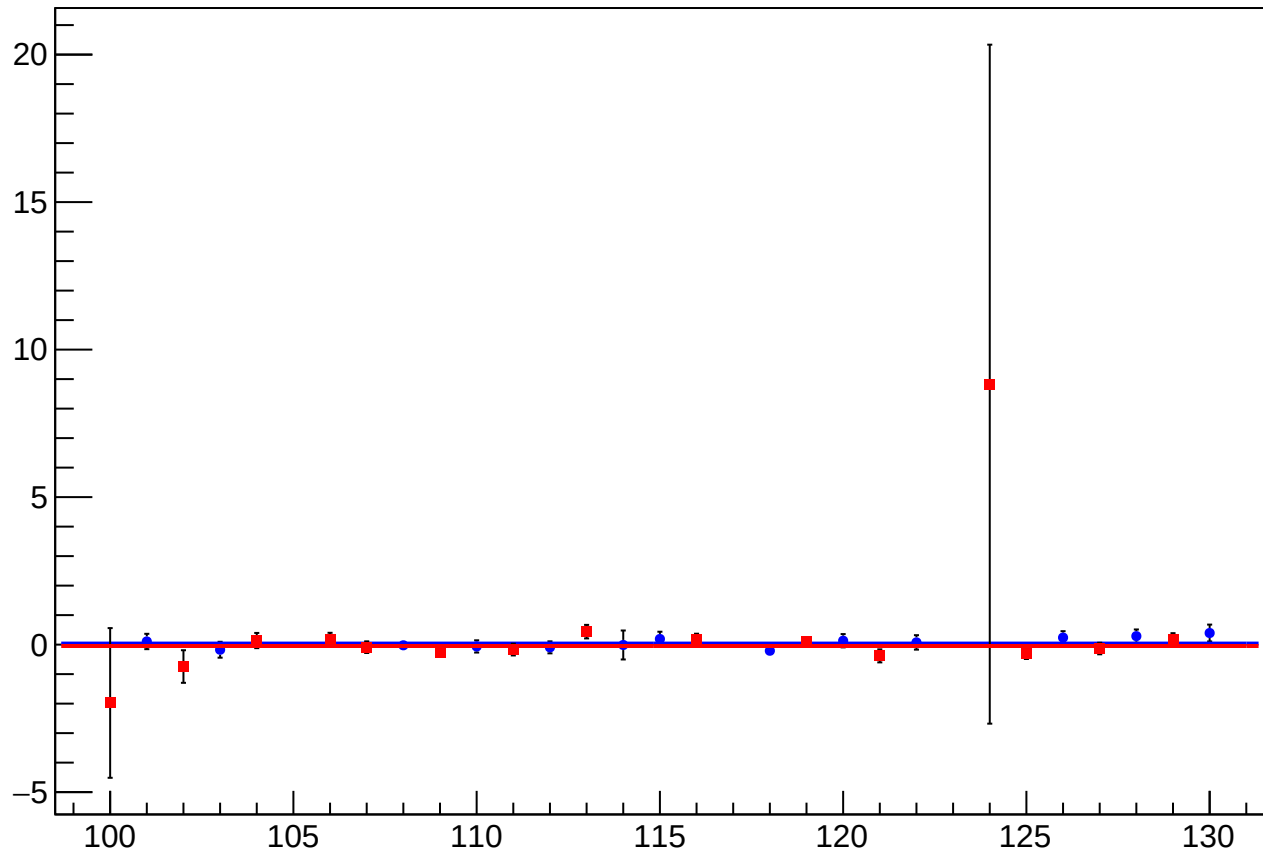
Right: 0.007+/-0.000 χ^2/NDF : 5242790.0/27

In: 0.009+/-0.000 χ^2/NDF :2085354.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 5242790.0/27

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035+/-0.062 χ^2/NDF : 7.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.047+/-0.057 χ^2/NDF : 18.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

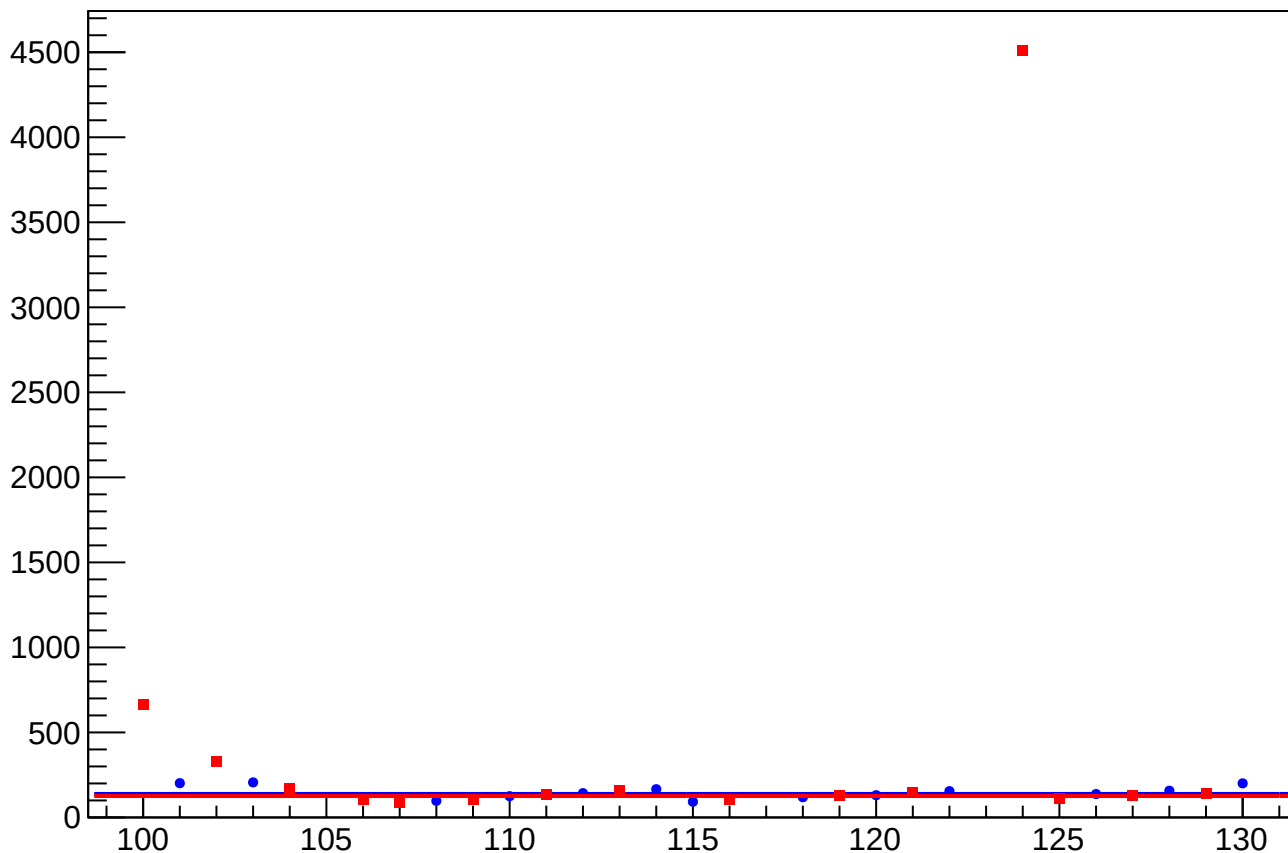
Right: -0.009+/-0.042 χ^2/NDF : 26.8/27

In: 0.035+/-0.062 χ^2/NDF : 7.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.042 χ^2/NDF : 26.8/27

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.180+/-0.044 χ^2/NDF : 607359.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.025+/-0.040 χ^2/NDF : 921476.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

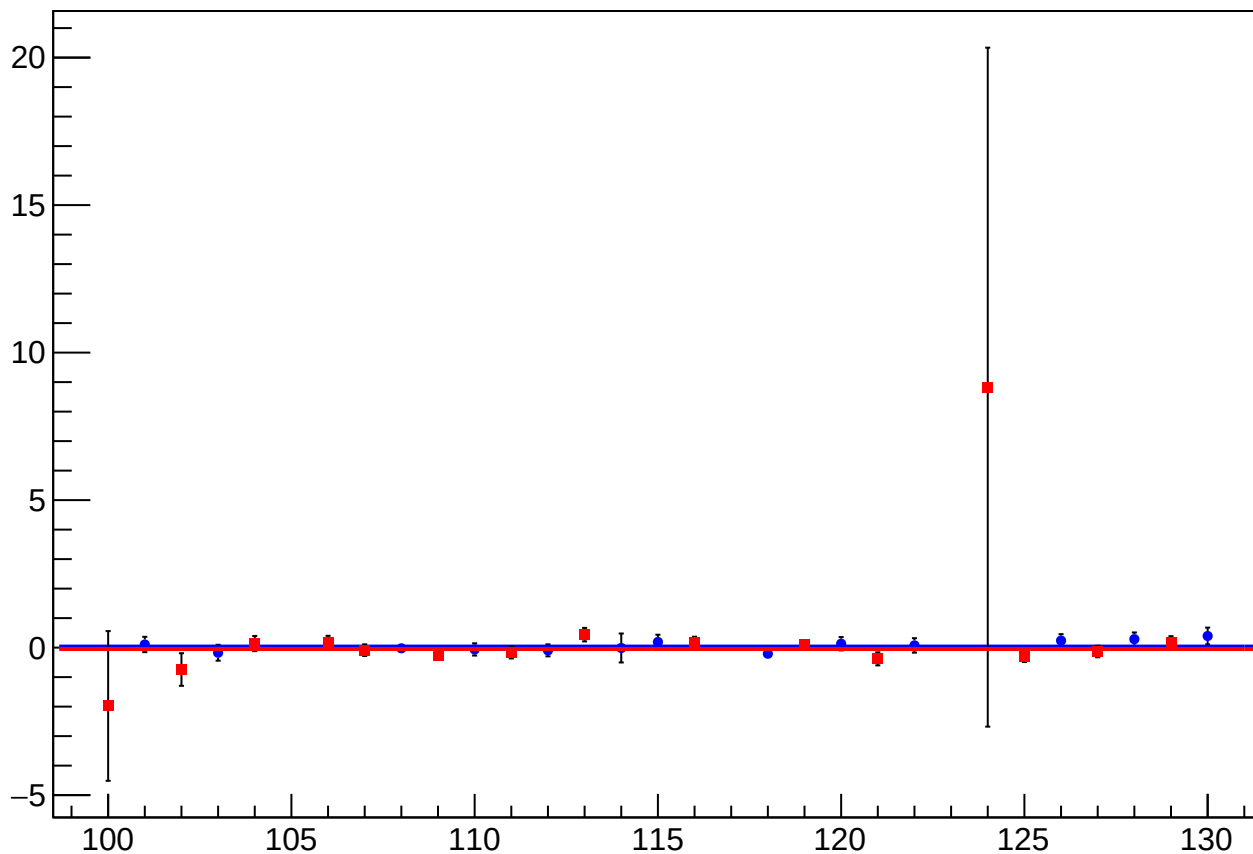
Right: 131.628+/-0.030 χ^2/NDF : 1570625.4/27

In: 138.180+/-0.044 χ^2/NDF : 607359.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.628+/-0.030 χ^2/NDF : 1570625.4/27

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035+/-0.062 χ^2/NDF : 7.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.047+/-0.057 χ^2/NDF : 18.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

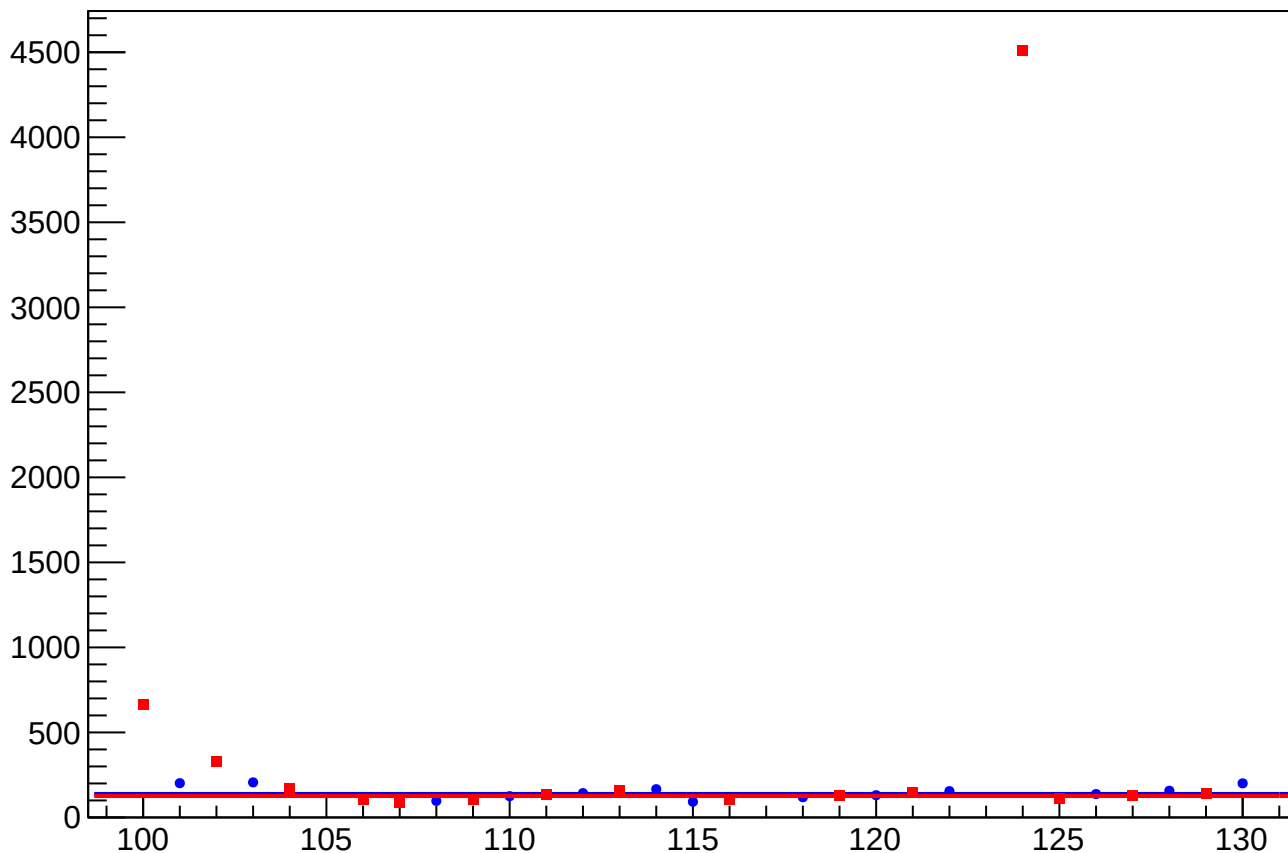
Right: -0.009+/-0.042 χ^2/NDF : 26.8/27

In: 0.035+/-0.062 χ^2/NDF : 7.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.042 χ^2/NDF : 26.8/27

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.180+/-0.044 χ^2/NDF : 607359.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.025+/-0.040 χ^2/NDF : 921476.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

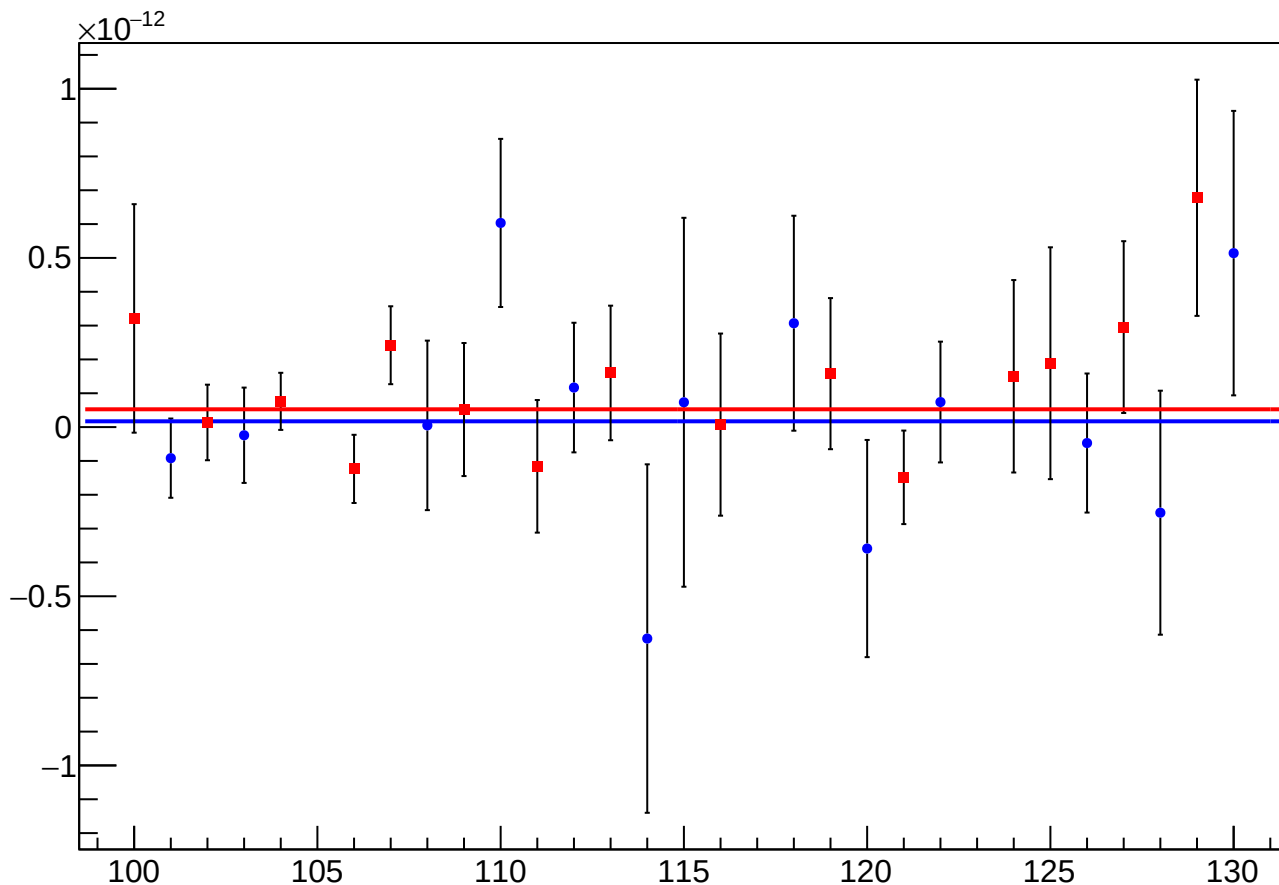
Right: 131.628+/-0.030 χ^2/NDF : 1570625.4/27

In: 138.180+/-0.044 χ^2/NDF : 607359.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.628+/-0.030 χ^2/NDF : 1570625.4/27

asym_at1_avg_at2_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

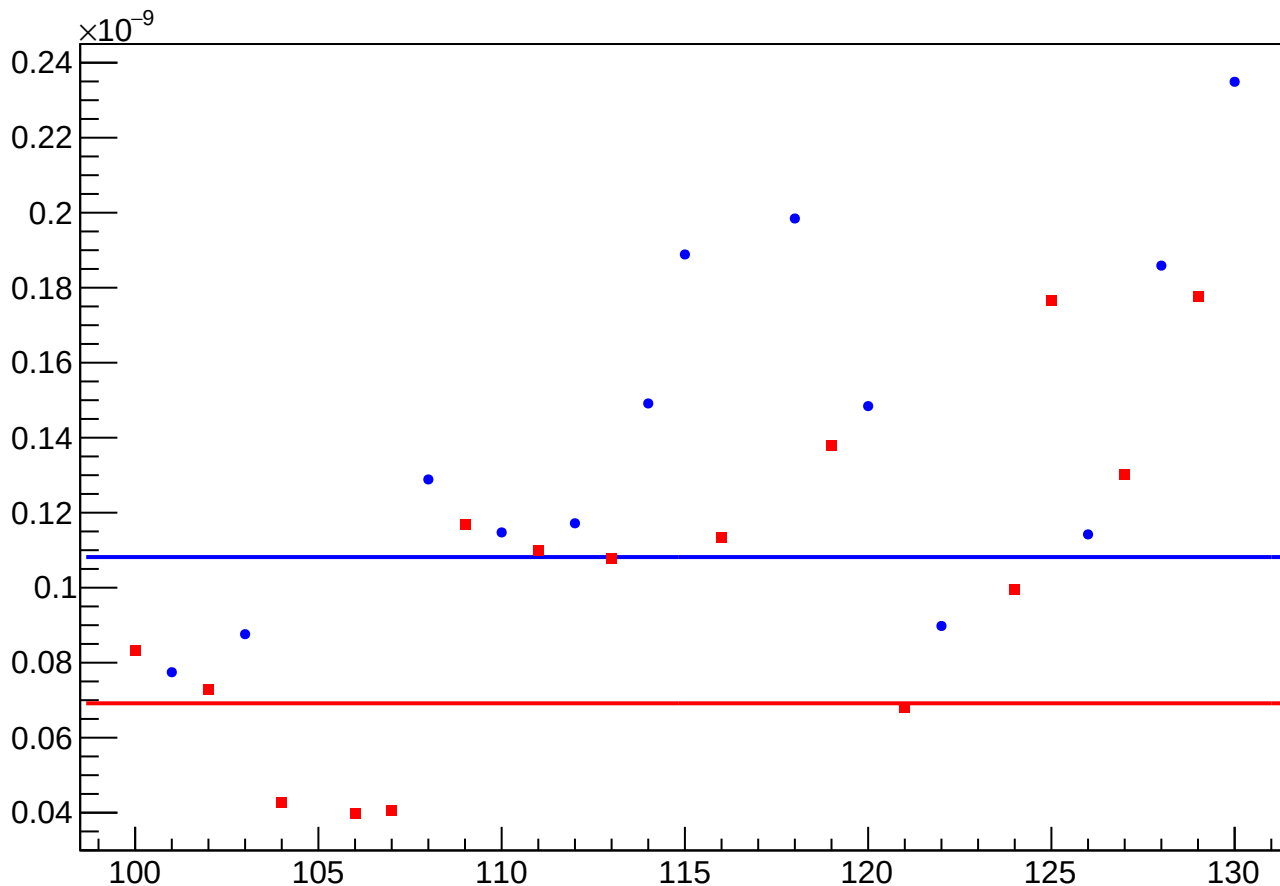
Right: 0.000+/-0.000 χ^2/NDF : 27.4/27

In: 0.000+/-0.000 χ^2/NDF : 12.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.4/27

asym_at1_avg_at2_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 746722.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1543827.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

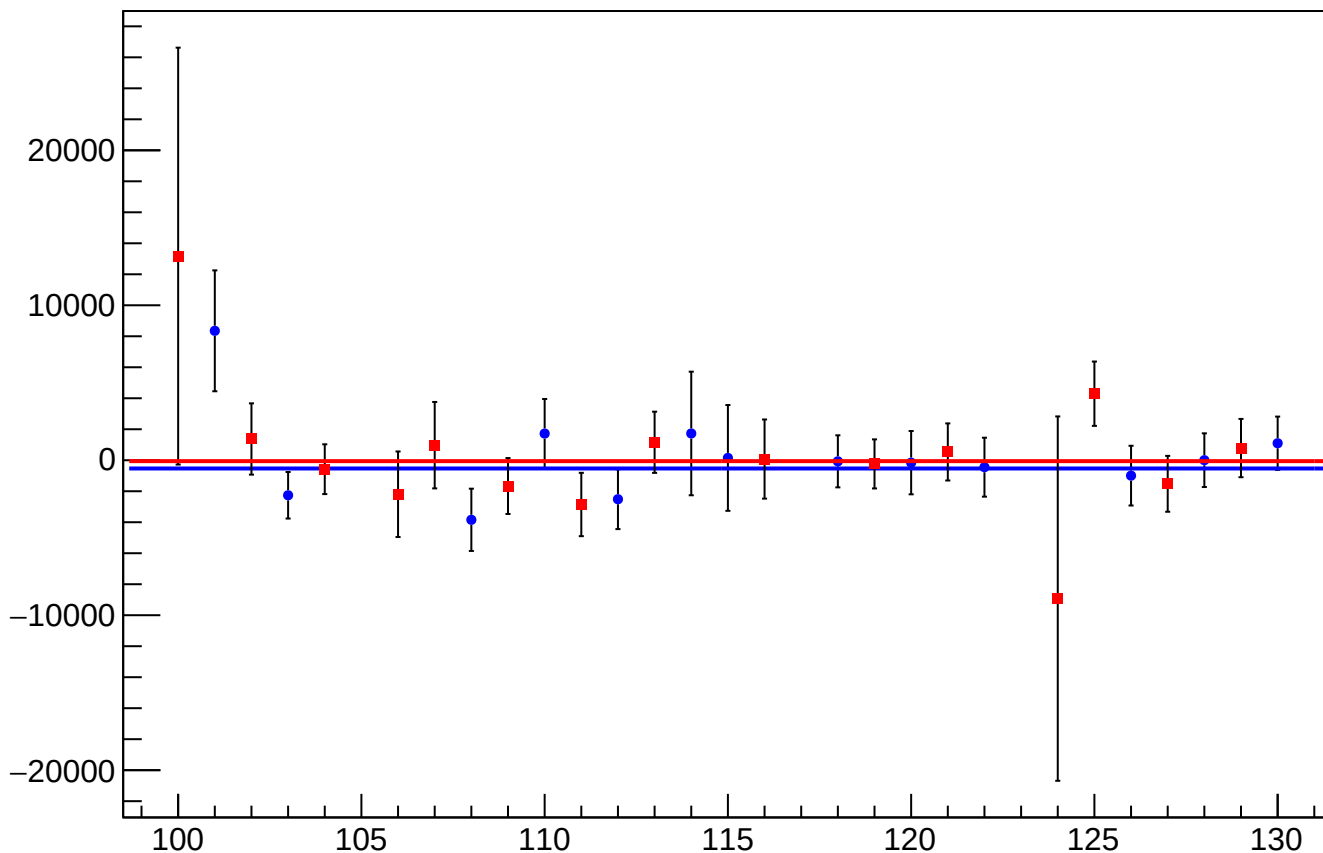
Right: 0.000+/-0.000 χ^2/NDF : 2871551.2/27

In: 0.000+/-0.000 χ^2/NDF : 746722.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2871551.2/27

reg_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -531.995+/-560.180 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -57.238+/-548.706 χ^2/NDF : 11.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

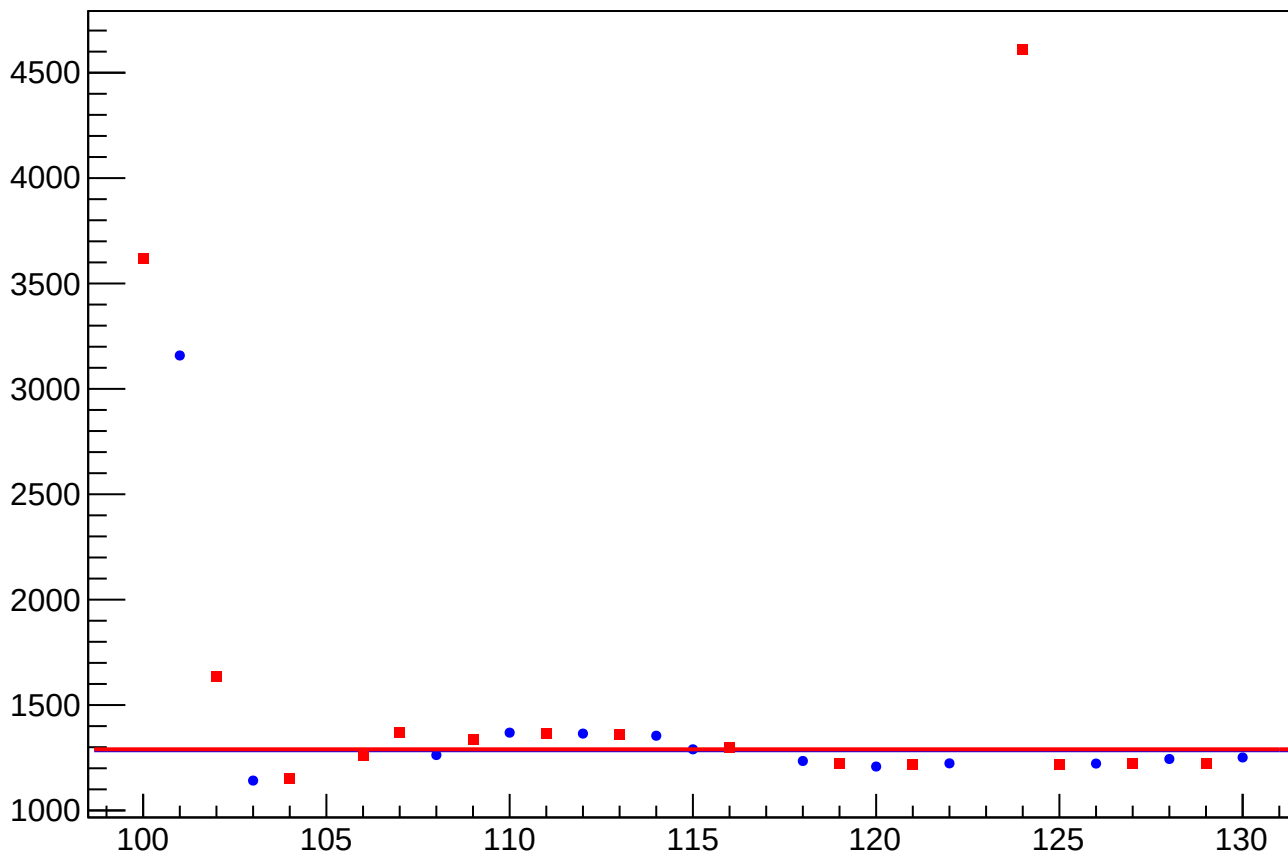
Right: -289.705+/-391.988 χ^2/NDF : 24.4/27

In: -531.995+/-560.180 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -289.705+/-391.988 χ^2/NDF : 24.4/27

reg_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1285.613+/-0.396 χ^2/NDF : 497502.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1289.945+/-0.387 χ^2/NDF : 302497.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

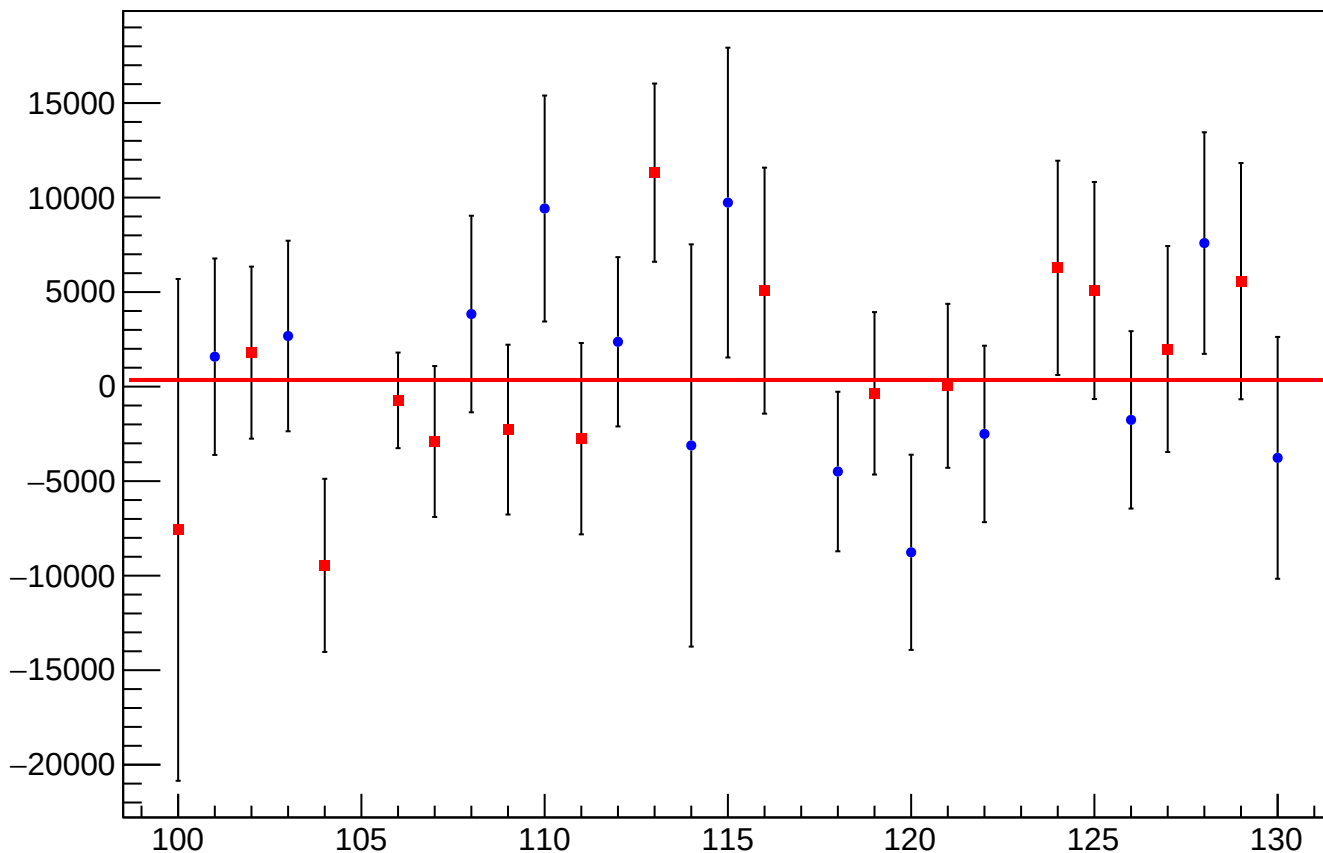
Right: 1287.831+/-0.277 χ^2/NDF : 800061.5/27

In: 1285.613+/-0.396 χ^2/NDF : 497502.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1287.831+/-0.277 χ^2/NDF : 800061.5/27

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 349.586+/-1484.807 χ^2/NDF : 11.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 351.620+/-1190.006 χ^2/NDF : 15.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

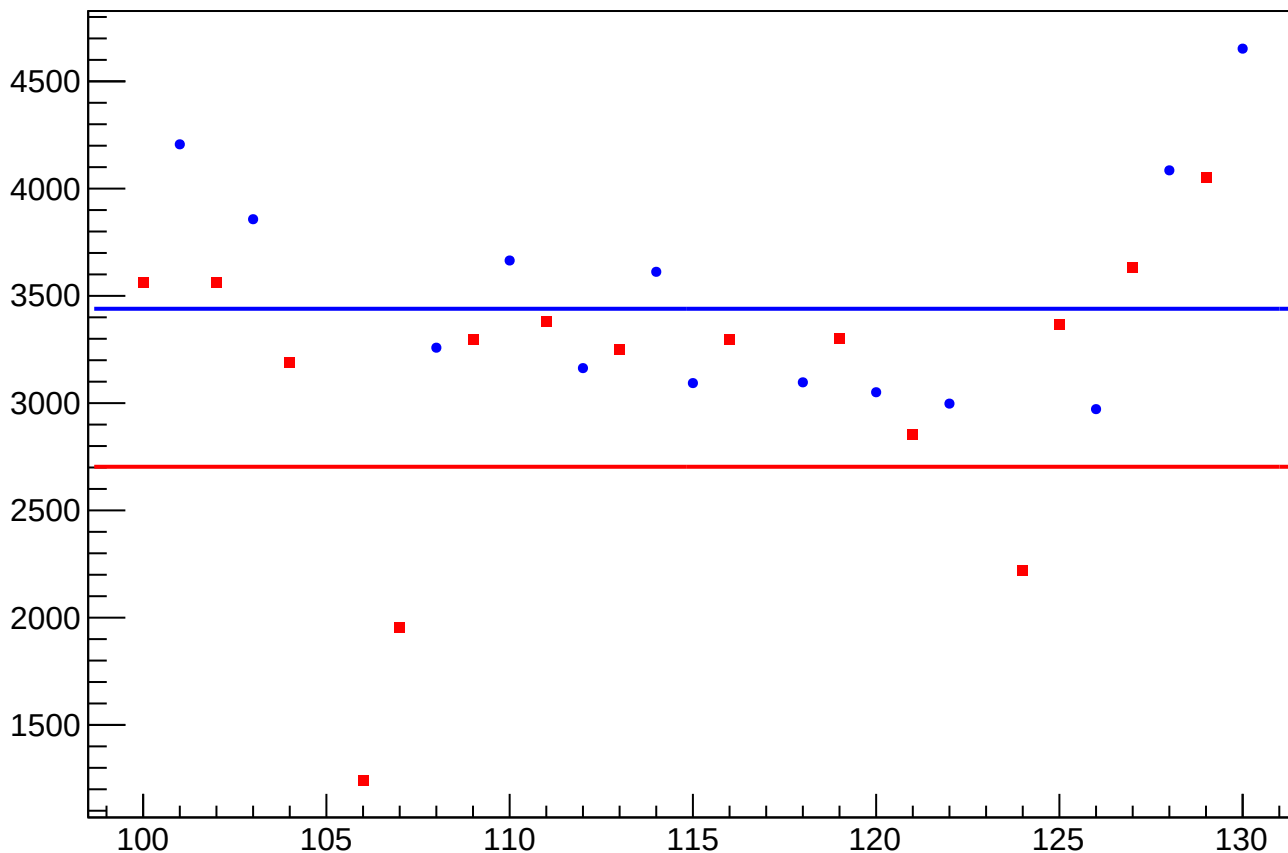
Right: 350.824+/-928.579 χ^2/NDF : 26.7/27

In: 349.586+/-1484.807 χ^2/NDF : 11.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 350.824+/-928.579 χ^2/NDF : 26.7/27

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3439.858+/-1.050 χ^2/NDF : 232755.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2703.392+/-0.841 χ^2/NDF : 1189156.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

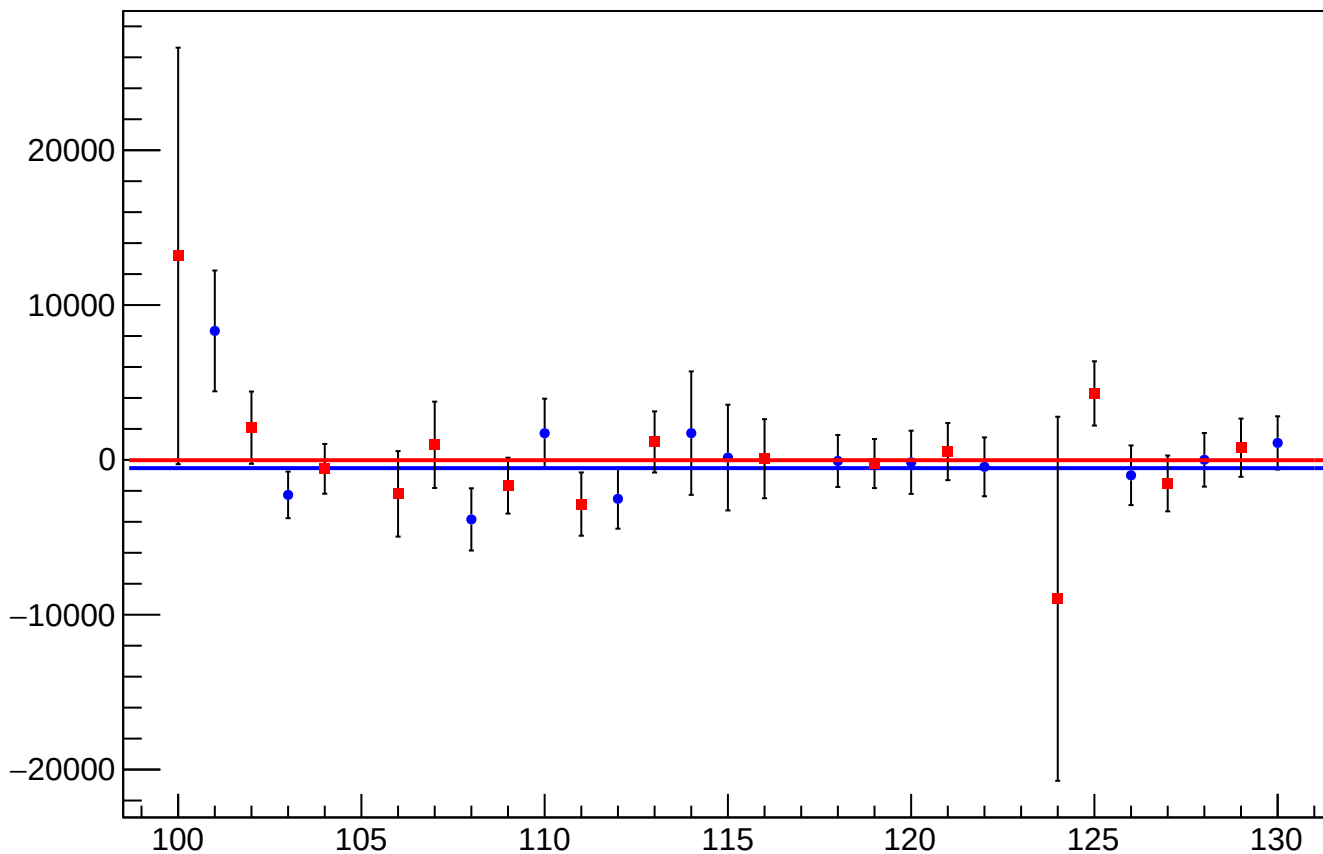
Right: 2991.430+/-0.657 χ^2/NDF : 1721507.3/27

In: 3439.858+/-1.050 χ^2/NDF : 232755.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2991.430+/-0.657 χ^2/NDF : 1721507.3/27

cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -532.482+/-560.180 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.515+/-549.167 χ^2/NDF : 11.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

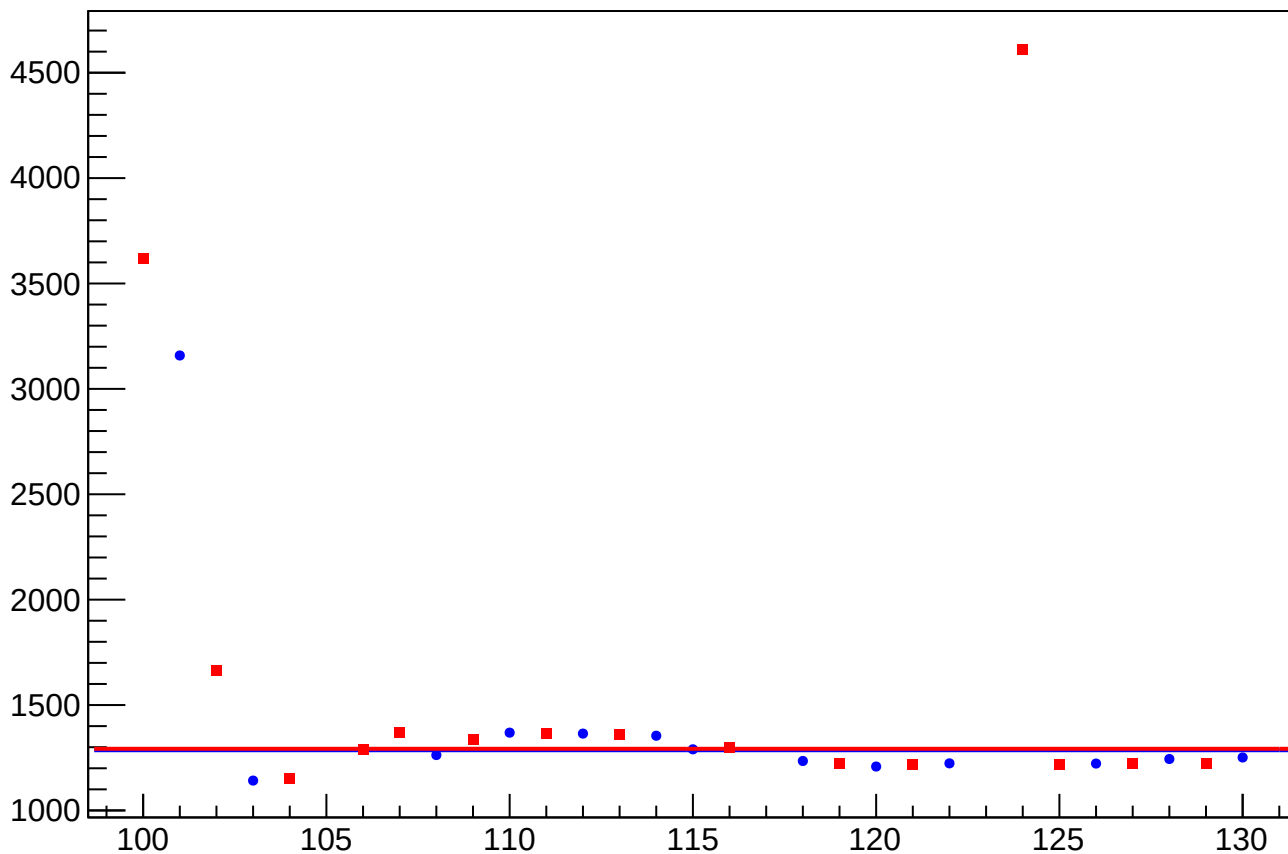
Right: -271.416+/-392.156 χ^2/NDF : 24.9/27

In: -532.482+/-560.180 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -271.416+/-392.156 χ^2/NDF : 24.9/27

cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1285.613+/-0.396 χ^2/NDF : 497504.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1292.479+/-0.387 χ^2/NDF : 309318.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

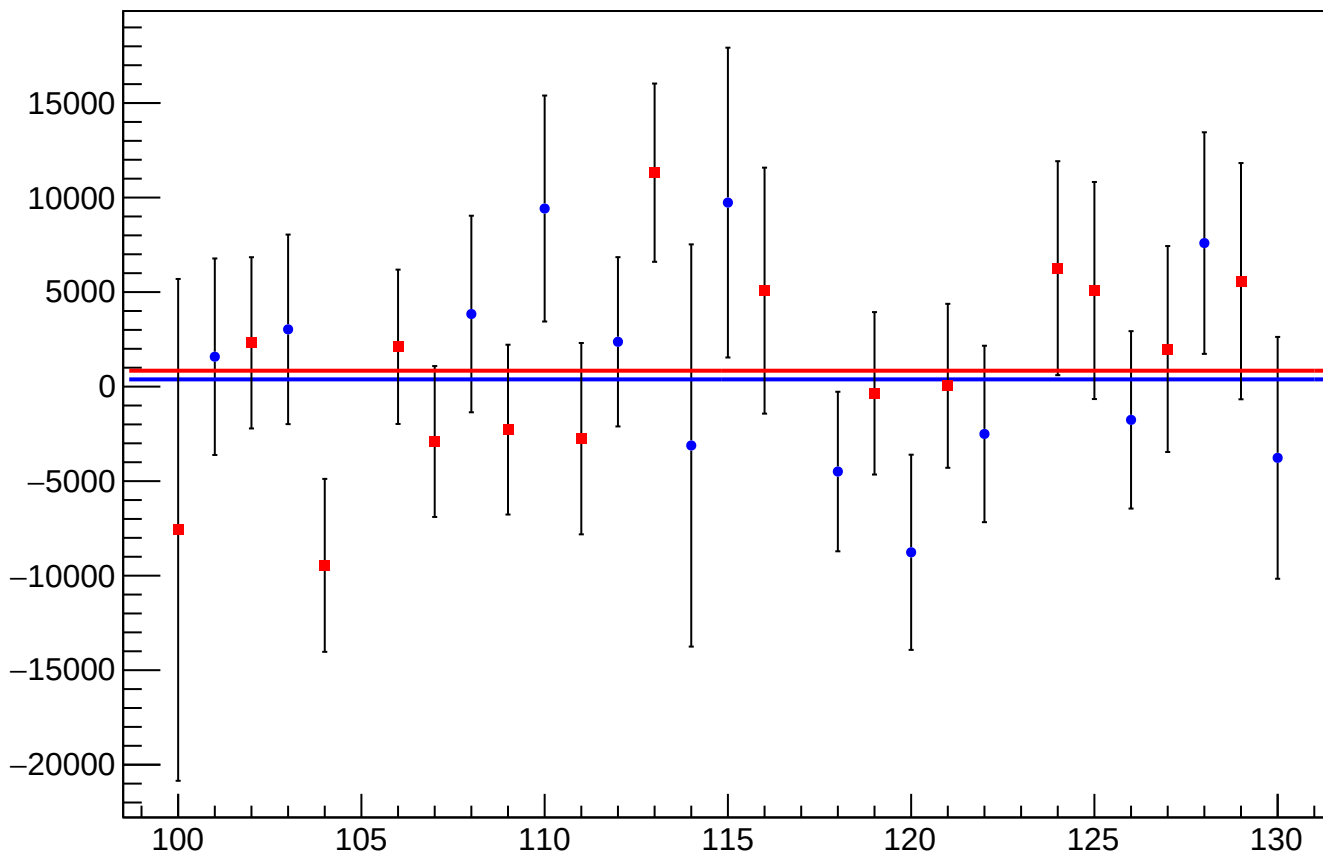
Right: 1289.122+/-0.277 χ^2/NDF : 806975.9/27

In: 1285.613+/-0.396 χ^2/NDF : 497504.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1289.122+/-0.277 χ^2/NDF : 806975.9/27

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 382.266+/-1484.167 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 841.605+/-1279.903 χ^2/NDF : 15.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

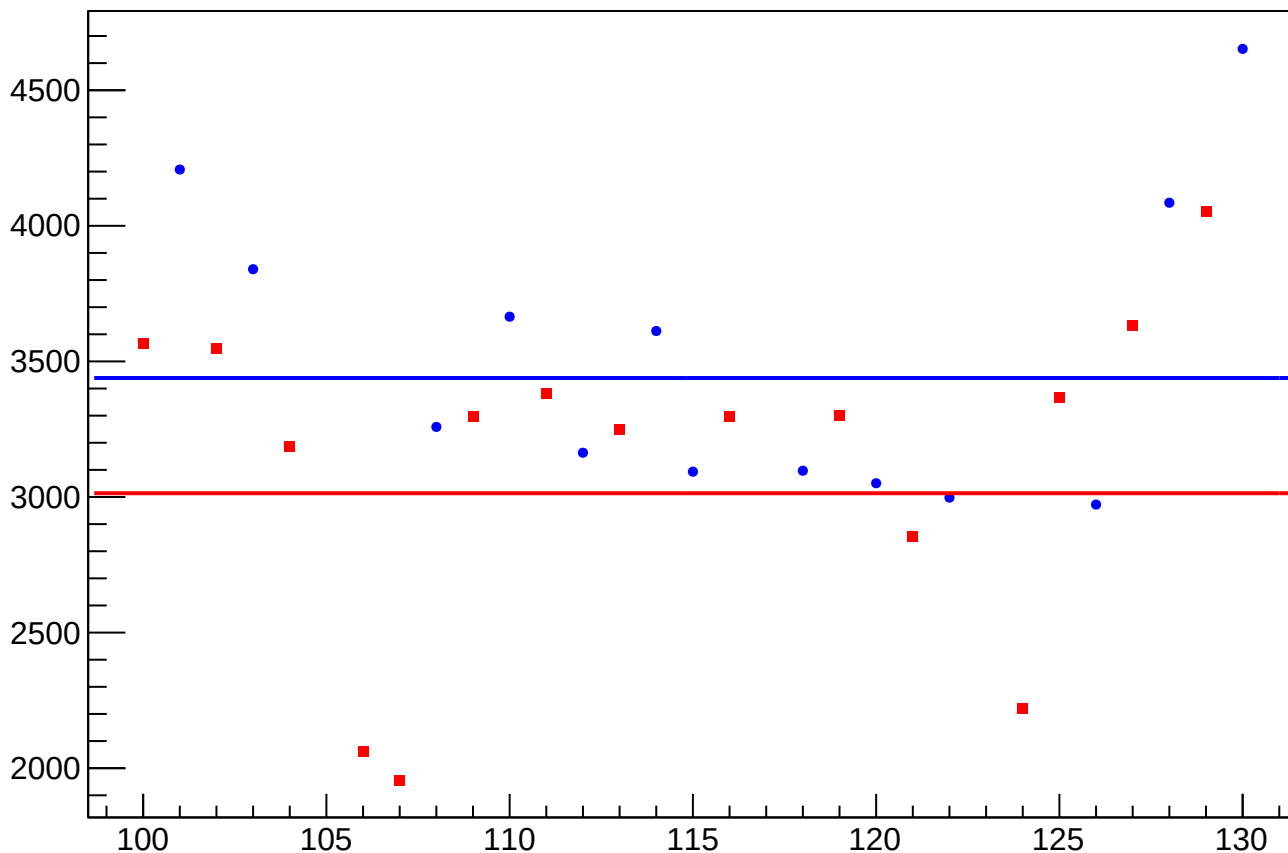
Right: 645.696+/-969.266 χ^2/NDF : 26.8/27

In: 382.266+/-1484.167 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 645.696+/-969.266 χ^2/NDF : 26.8/27

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3438.769 $\pm$ 1.049 χ^2/NDF : 231876.7/12

Left Out: 0.000 $\pm$ -0.000 χ^2/NDF :0.0/0

Right Out: 3013.962 $\pm$ -0.905 χ^2/NDF : 451006.6/14

Left In: 0.000 $\pm$ -0.000 χ^2/NDF :0.0/0

Left: 0.000 $\pm$ -0.000 χ^2/NDF : 0.0/0

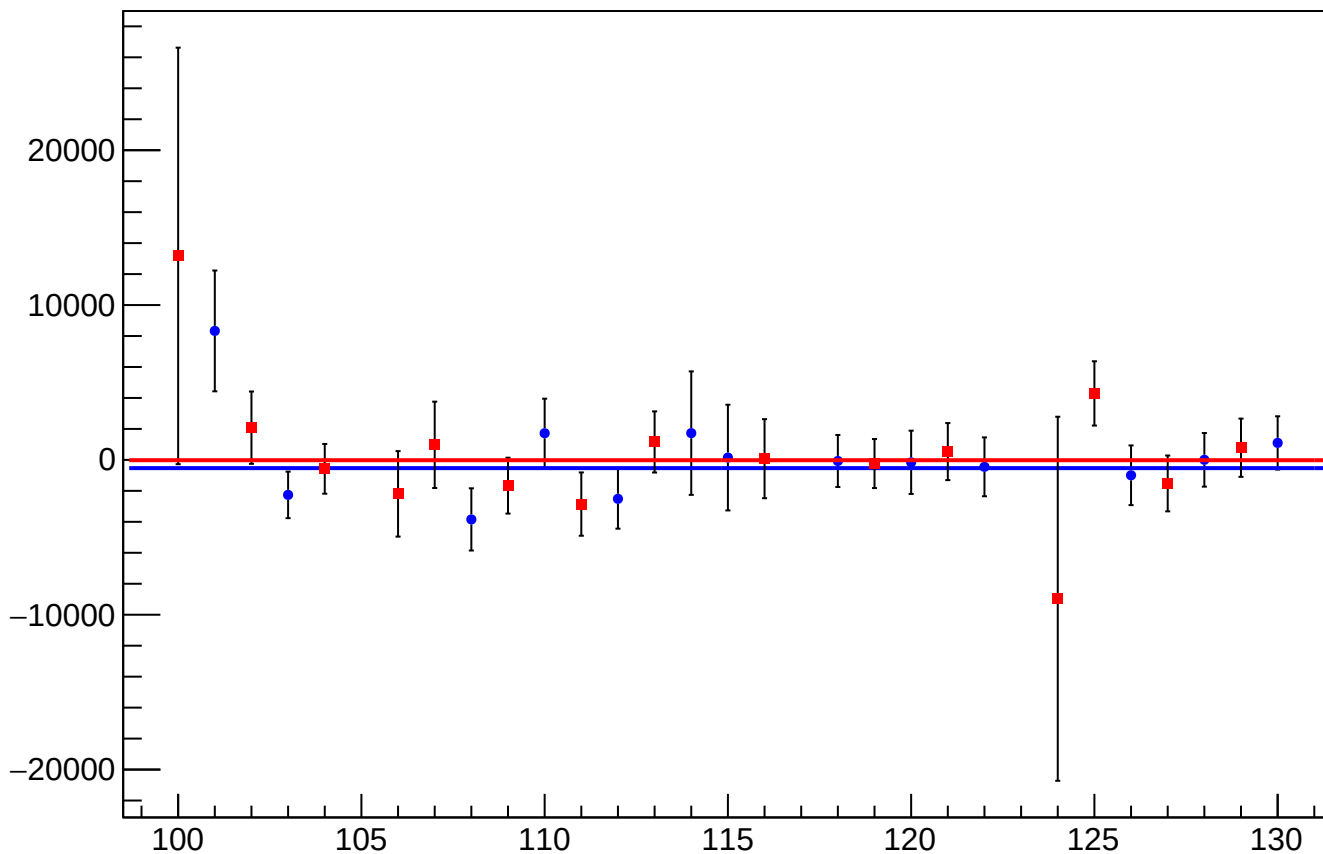
Right: 3195.143 $\pm$ -0.685 χ^2/NDF : 776851.1/27

In: 3438.769 $\pm$ -1.049 χ^2/NDF :231876.7/12

Out: 0.000 $\pm$ -0.000 χ^2/NDF :0.0/0

All: 3195.143 $\pm$ -0.685 χ^2/NDF : 776851.1/27

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -532.482+/-560.180 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.515+/-549.167 χ^2/NDF : 11.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

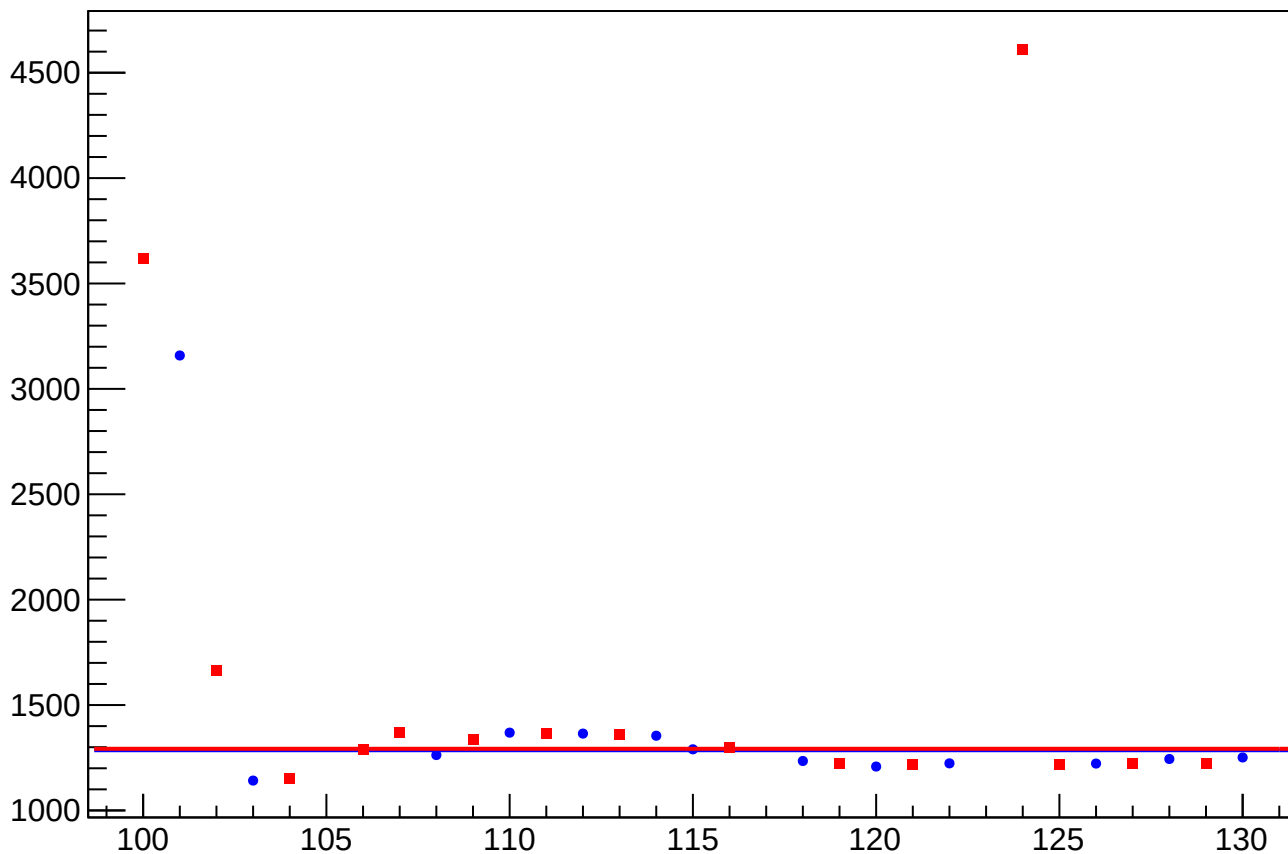
Right: -271.416+/-392.156 χ^2/NDF : 24.9/27

In: -532.482+/-560.180 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -271.416+/-392.156 χ^2/NDF : 24.9/27

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1285.613+/-0.396 χ^2/NDF : 497504.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1292.479+/-0.387 χ^2/NDF : 309318.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

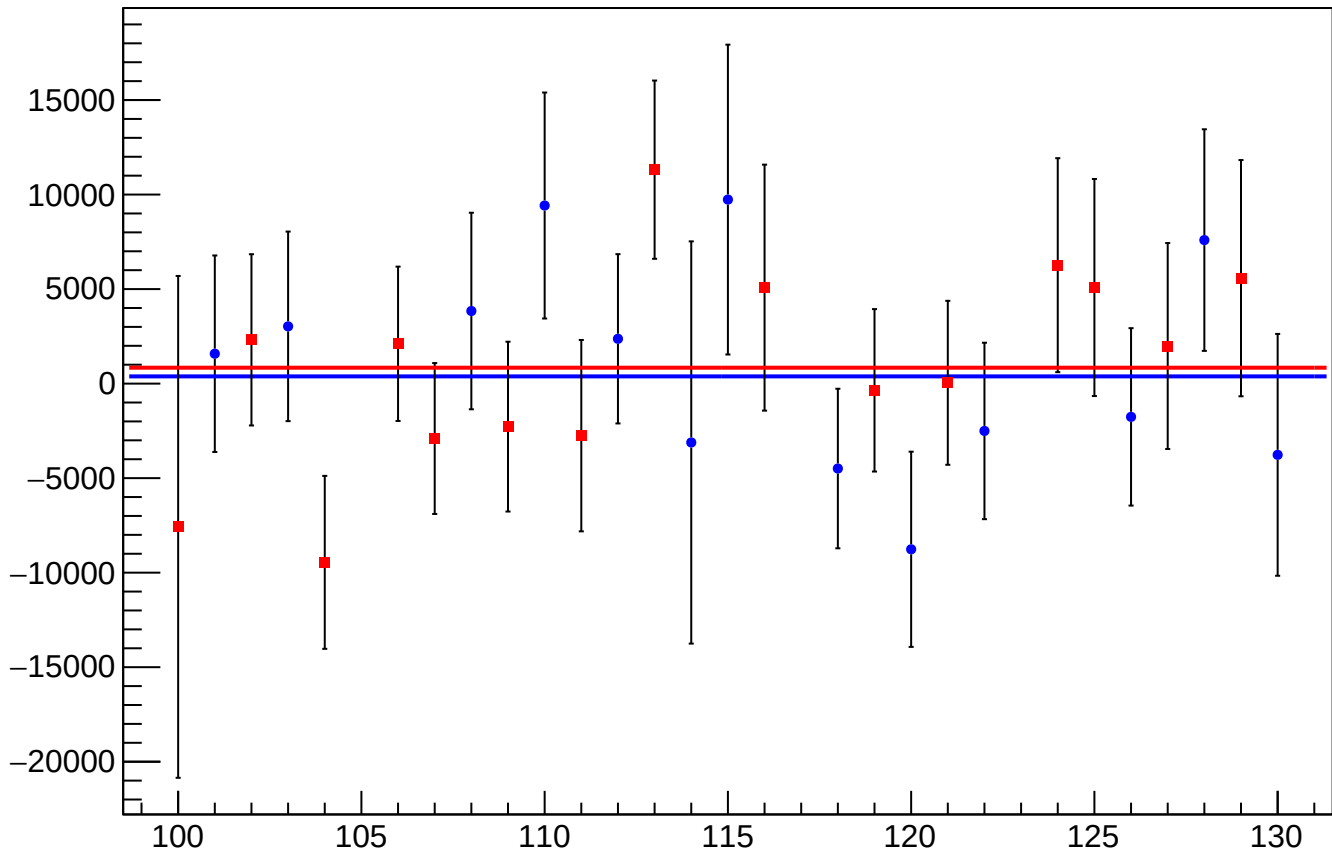
Right: 1289.122+/-0.277 χ^2/NDF : 806975.9/27

In: 1285.613+/-0.396 χ^2/NDF : 497504.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1289.122+/-0.277 χ^2/NDF : 806975.9/27

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 382.266+/-1484.167 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 841.605+/-1279.903 χ^2/NDF : 15.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

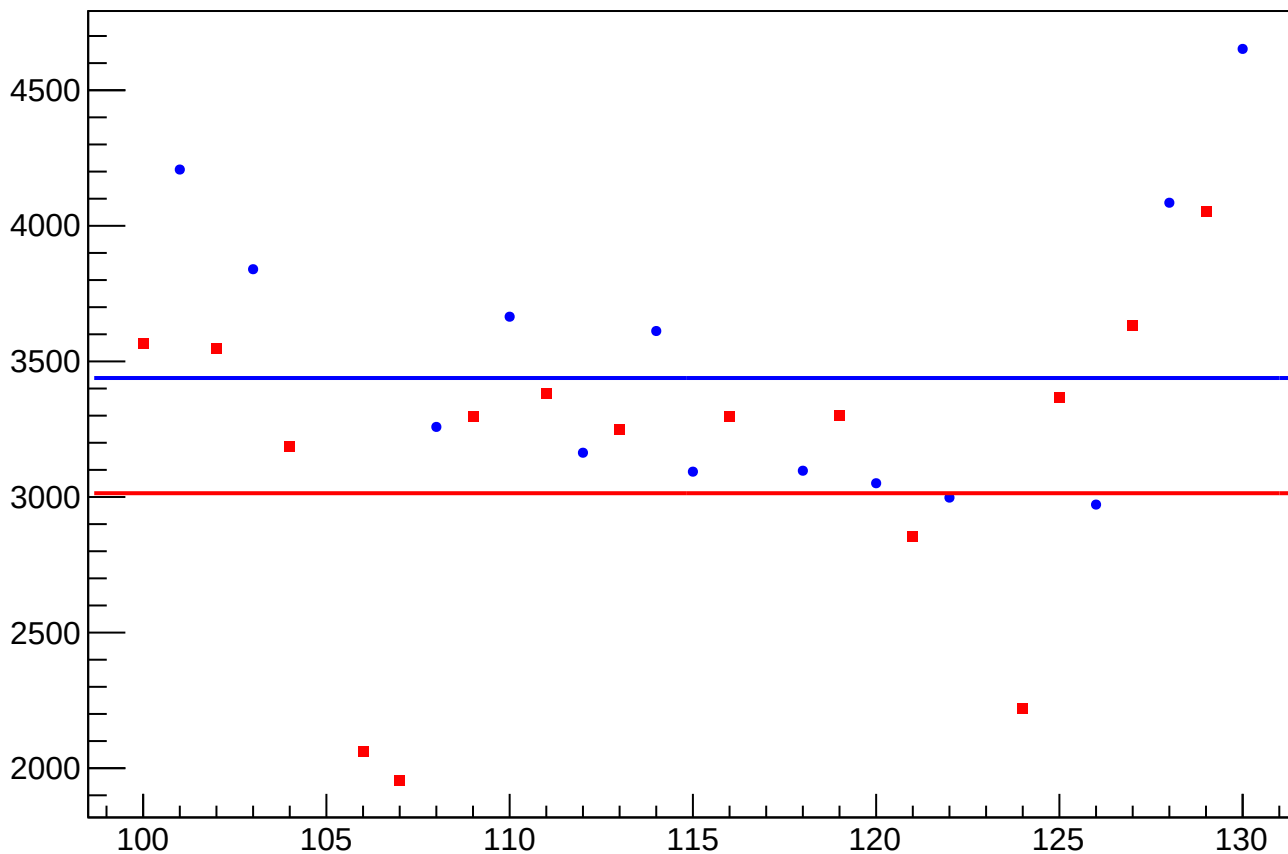
Right: 645.696+/-969.266 χ^2/NDF : 26.8/27

In: 382.266+/-1484.167 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 645.696+/-969.266 χ^2/NDF : 26.8/27

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3438.769+/-1.049 χ^2/NDF : 231876.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3013.962+/-0.905 χ^2/NDF : 451006.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

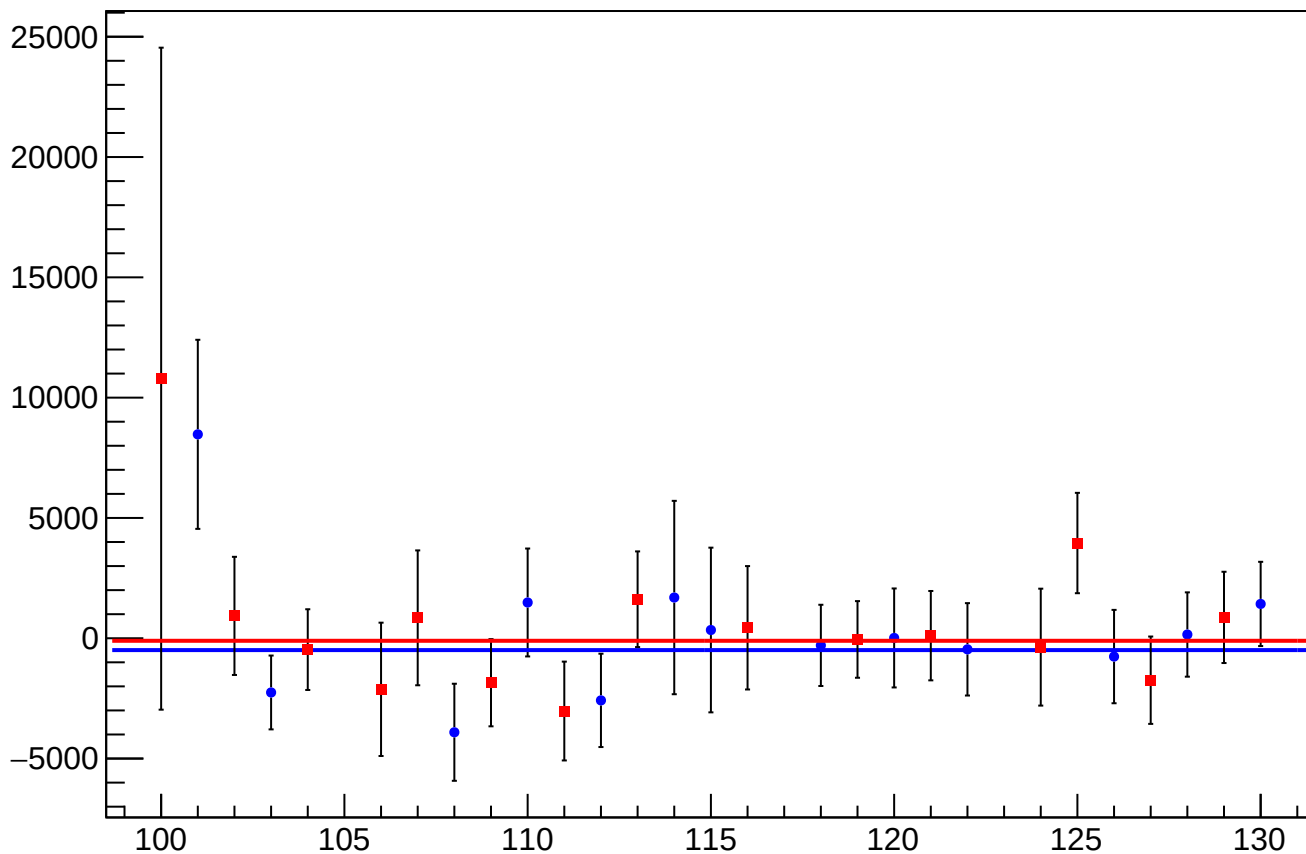
Right: 3195.143+/-0.685 χ^2/NDF : 776851.1/27

In: 3438.769+/-1.049 χ^2/NDF : 231876.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3195.143+/-0.685 χ^2/NDF : 776851.1/27

dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -492.281+/-565.819 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -105.452+/-542.663 χ^2/NDF : 10.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

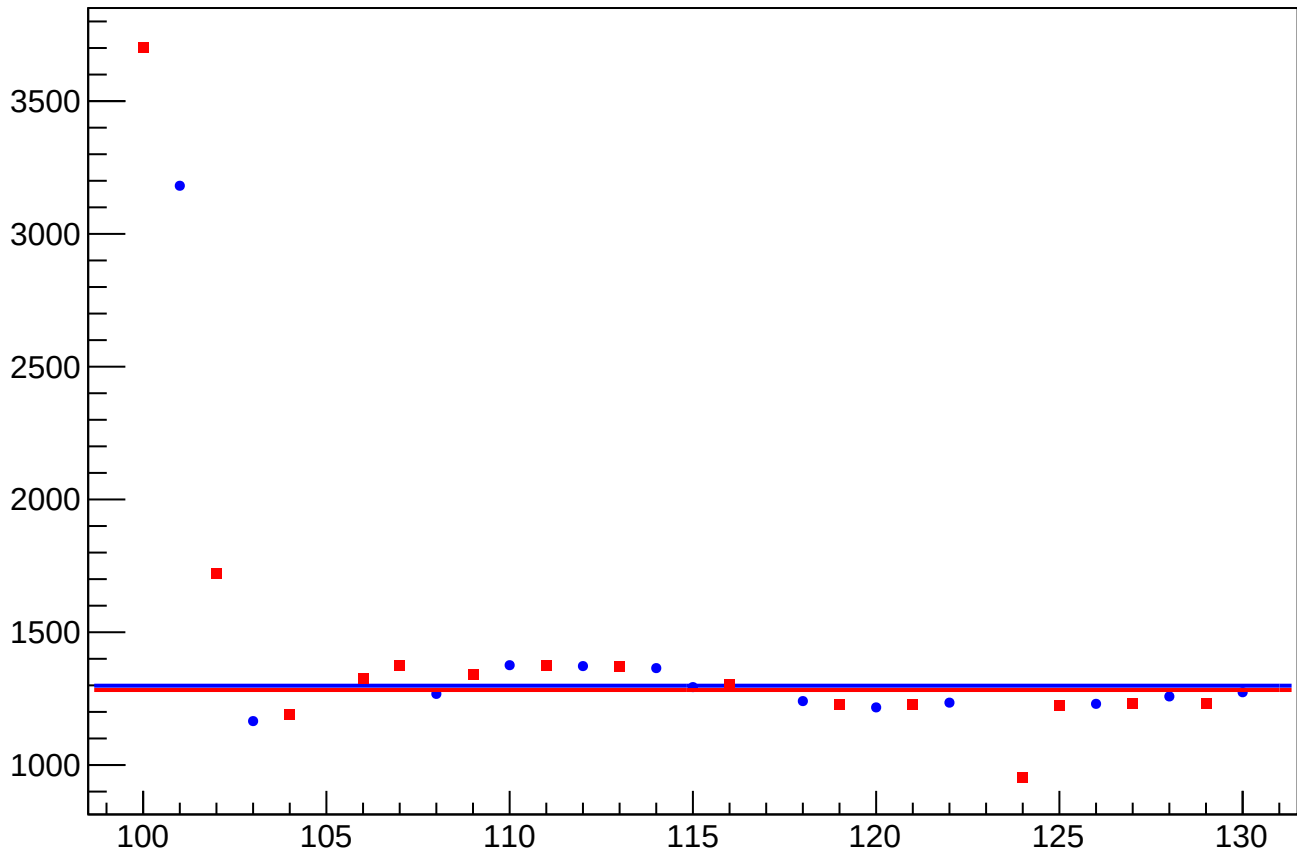
Right: -290.789+/-391.651 χ^2/NDF : 23.5/27

In: -492.281+/-565.819 χ^2/NDF : 13.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -290.789+/-391.651 χ^2/NDF : 23.5/27

dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1298.736+/-0.400 χ^2/NDF : 492173.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1282.449+/-0.383 χ^2/NDF : 189945.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

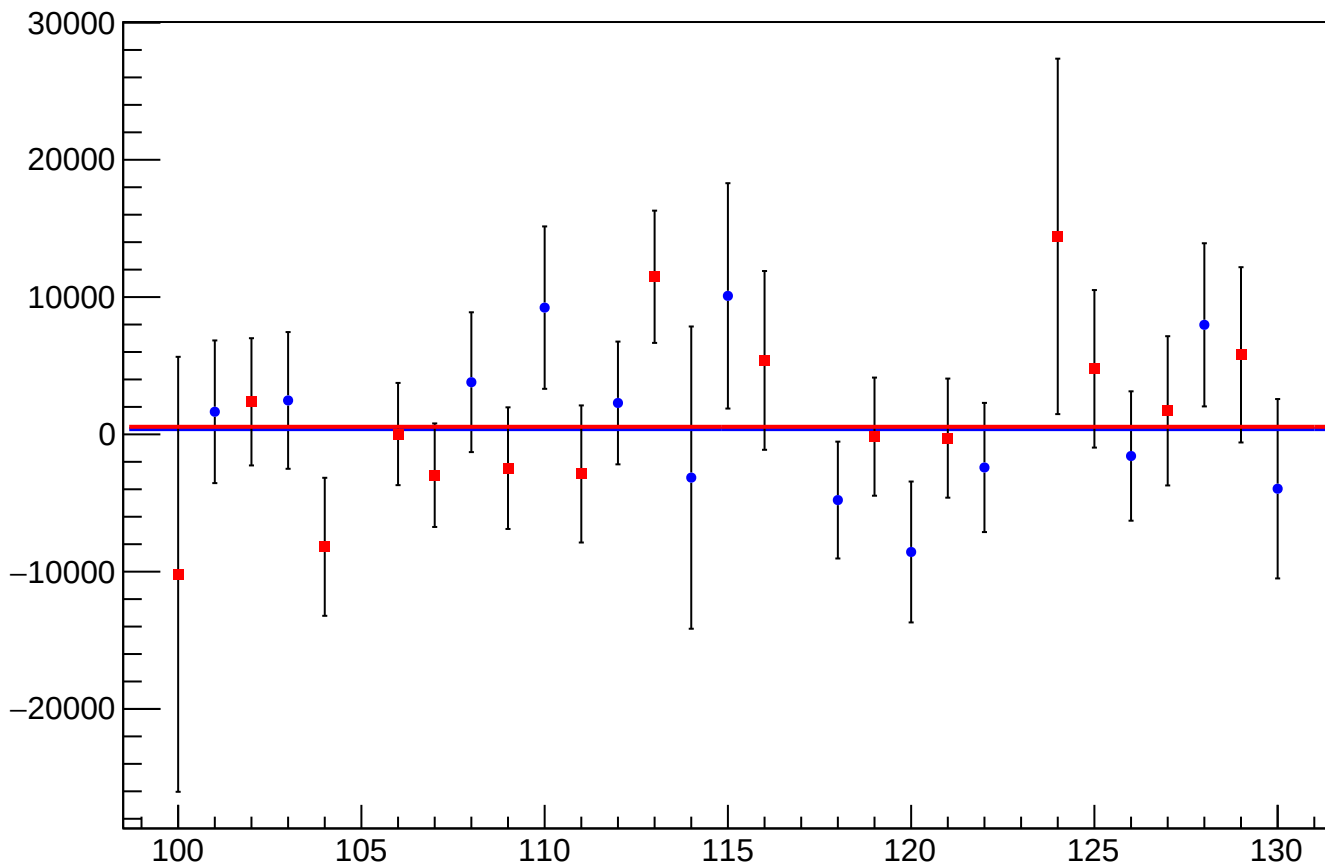
Right: 1290.245+/-0.277 χ^2/NDF : 682982.4/27

In: 1298.736+/-0.400 χ^2/NDF : 492173.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1290.245+/-0.277 χ^2/NDF : 682982.4/27

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 381.695 $\pm$ 1486.105 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 551.679 $\pm$ 1299.415 χ^2 /NDF: 13.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

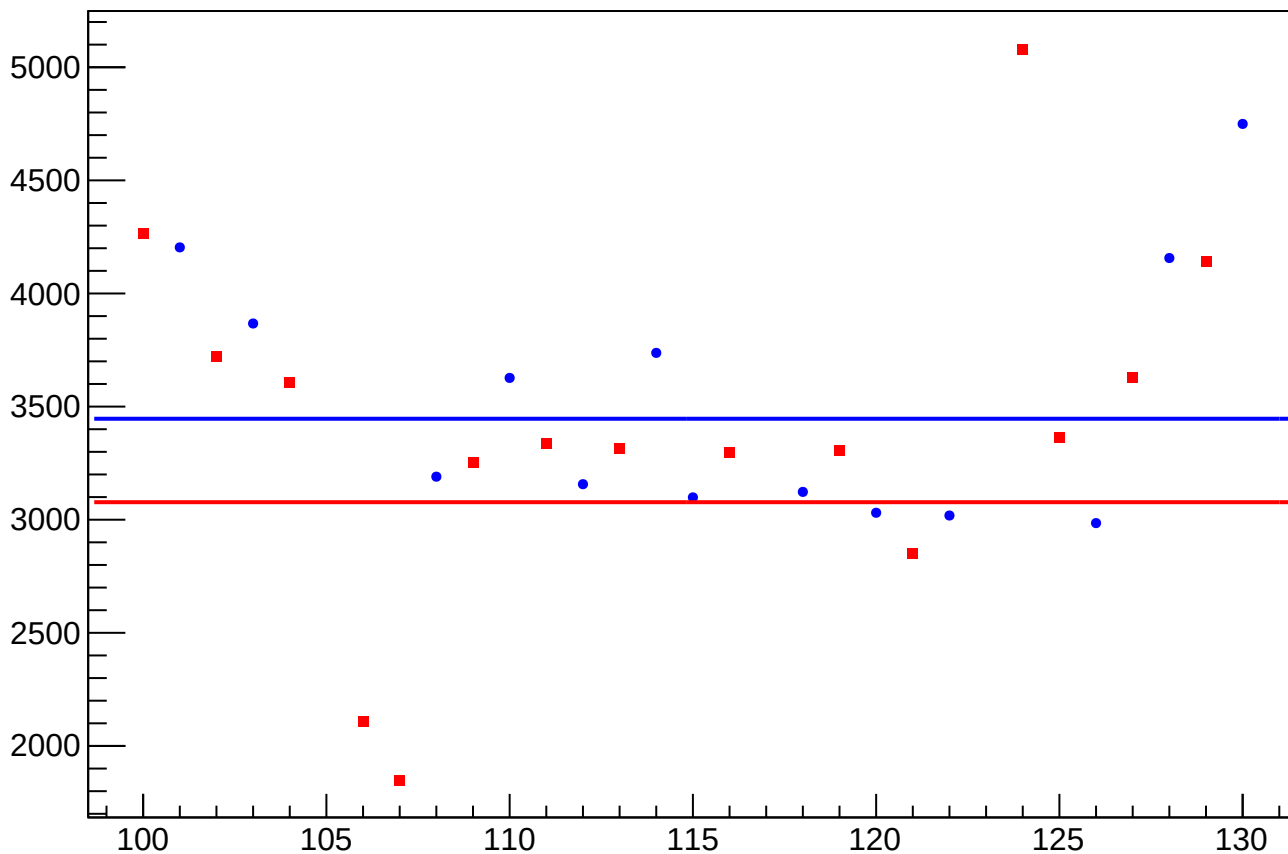
Right: 478.029 $\pm$ 978.212 χ^2 /NDF: 25.4/27

In: 381.695 $\pm$ 1486.105 χ^2 /NDF:11.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 478.029 $\pm$ 978.212 χ^2 /NDF: 25.4/27

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3446.286+/-1.051 χ^2/NDF : 245591.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3077.431+/-0.919 χ^2/NDF : 575603.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

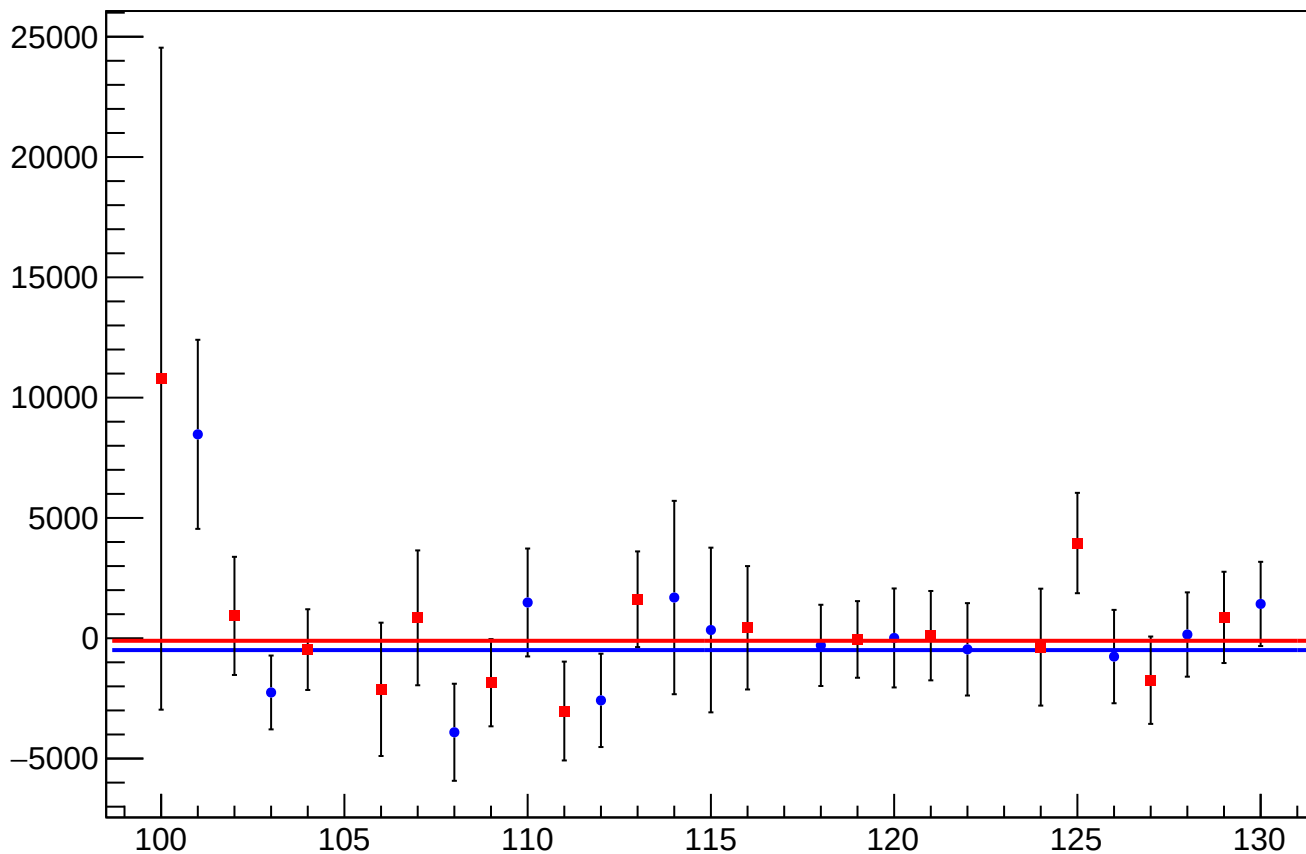
Right: 3237.248+/-0.692 χ^2/NDF : 891019.8/27

In: 3446.286+/-1.051 χ^2/NDF : 245591.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3237.248+/-0.692 χ^2/NDF : 891019.8/27

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -492.285+/-565.818 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -105.460+/-542.663 χ^2/NDF : 10.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

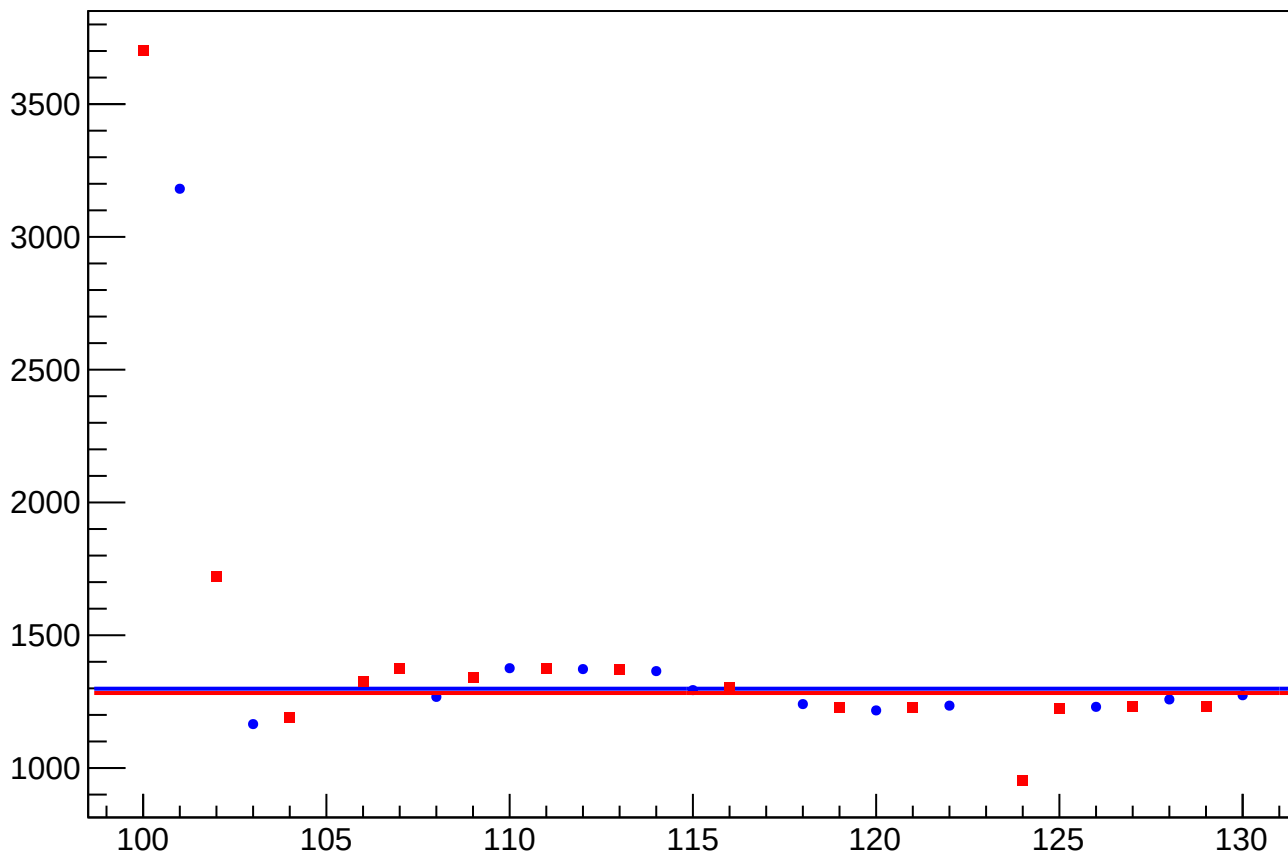
Right: -290.795+/-391.651 χ^2/NDF : 23.5/27

In: -492.285+/-565.818 χ^2/NDF : 13.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -290.795+/-391.651 χ^2/NDF : 23.5/27

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1298.735+/-0.400 χ^2/NDF : 492173.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1282.449+/-0.383 χ^2/NDF : 189945.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

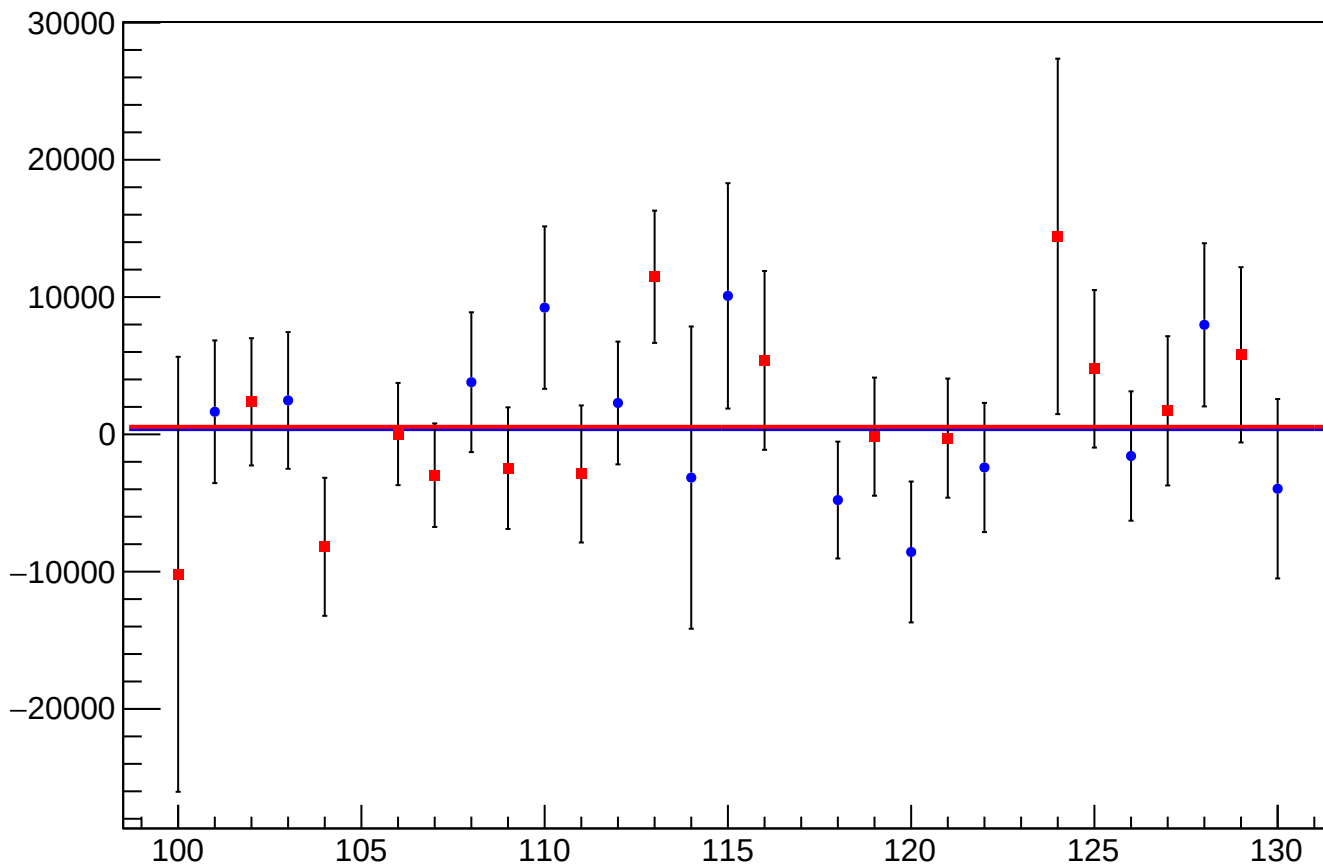
Right: 1290.244+/-0.277 χ^2/NDF : 682982.7/27

In: 1298.735+/-0.400 χ^2/NDF : 492173.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1290.244+/-0.277 χ^2/NDF : 682982.7/27

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 381.688 $\pm$ 1486.101 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 551.674 $\pm$ 1299.411 χ^2 /NDF: 13.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

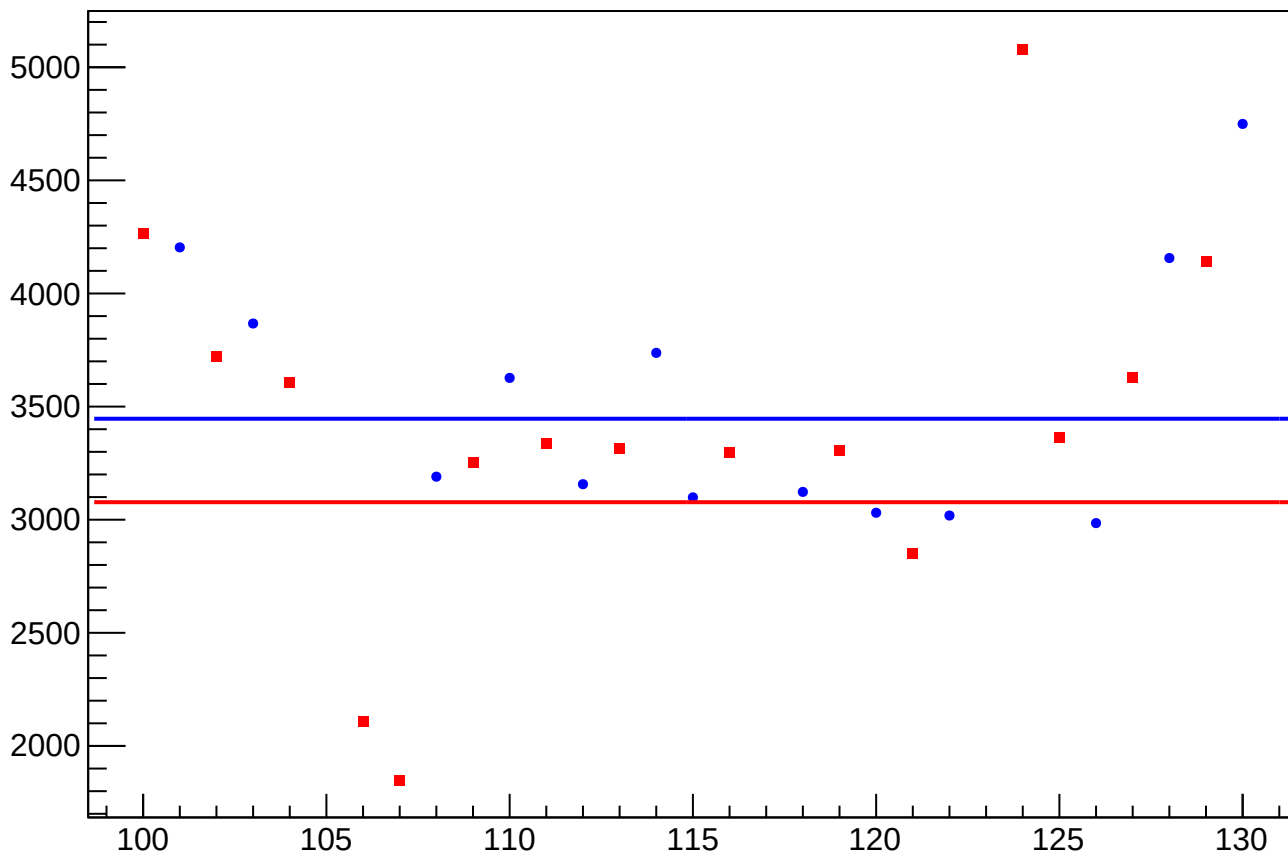
Right: 478.023 $\pm$ 978.209 χ^2 /NDF: 25.4/27

In: 381.688 $\pm$ 1486.101 χ^2 /NDF:11.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 478.023 $\pm$ 978.209 χ^2 /NDF: 25.4/27

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3446.274+/-1.051 χ^2/NDF : 245593.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3077.423+/-0.919 χ^2/NDF : 575604.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

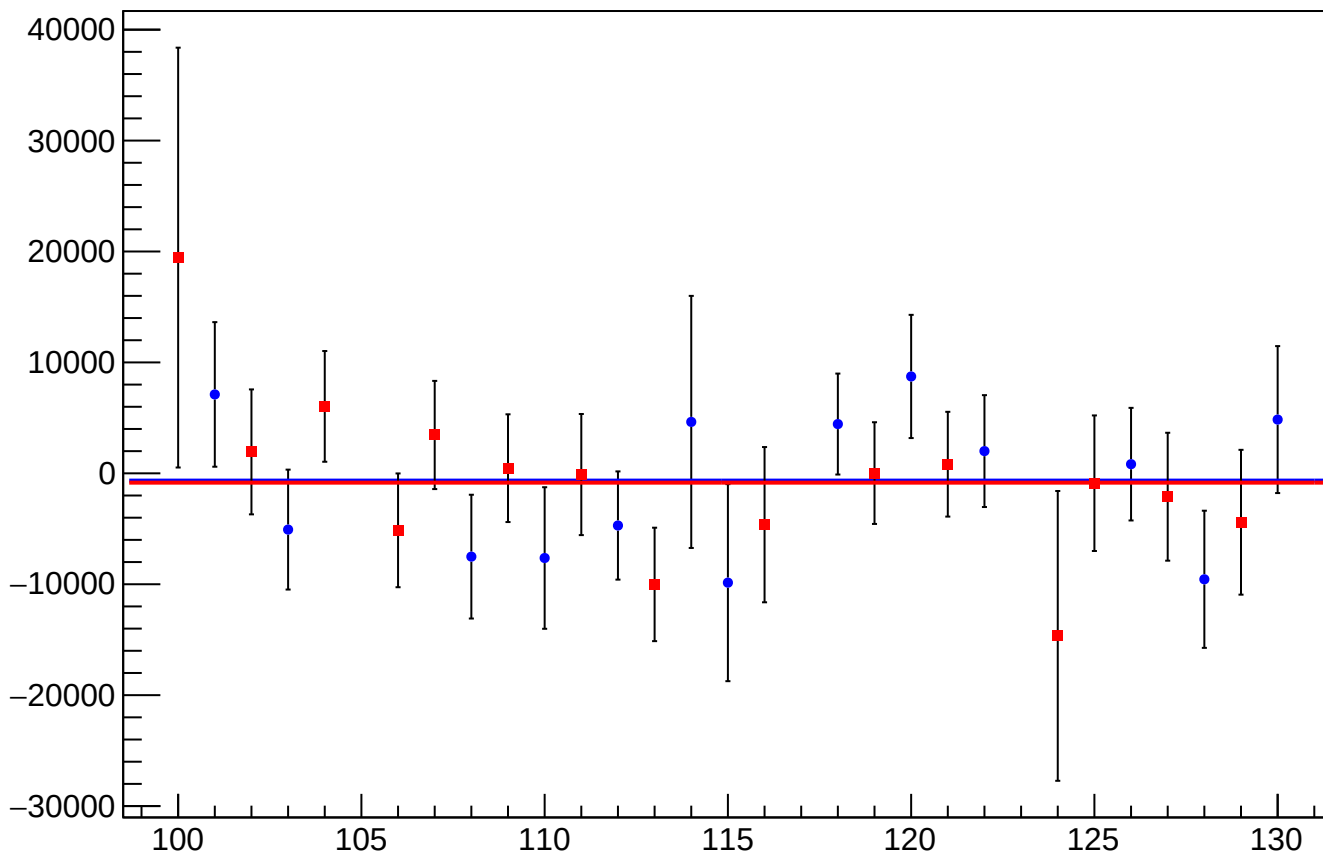
Right: 3237.238+/-0.692 χ^2/NDF : 891022.4/27

In: 3446.274+/-1.051 χ^2/NDF : 245593.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3237.238+/-0.692 χ^2/NDF : 891022.4/27

asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -656.473+/-1612.431 χ^2/NDF : 14.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -840.111+/-1462.293 χ^2/NDF : 10.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

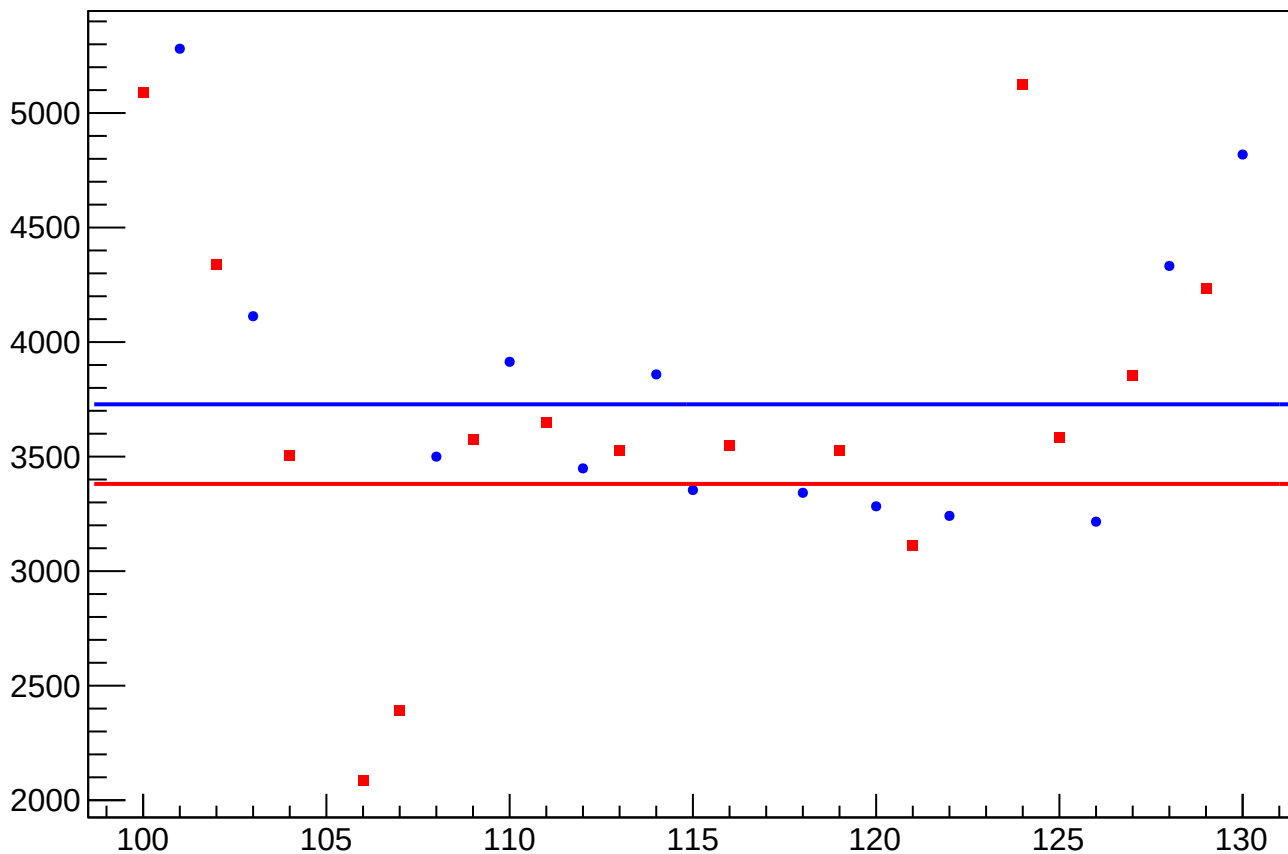
Right: -757.237+/-1083.197 χ^2/NDF : 24.0/27

In: -656.473+/-1612.431 χ^2/NDF : 14.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -757.237+/-1083.197 χ^2/NDF : 24.0/27

asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 3728.278+/-1.140 χ^2/NDF : 278567.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3380.804+/-1.017 χ^2/NDF : 441427.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

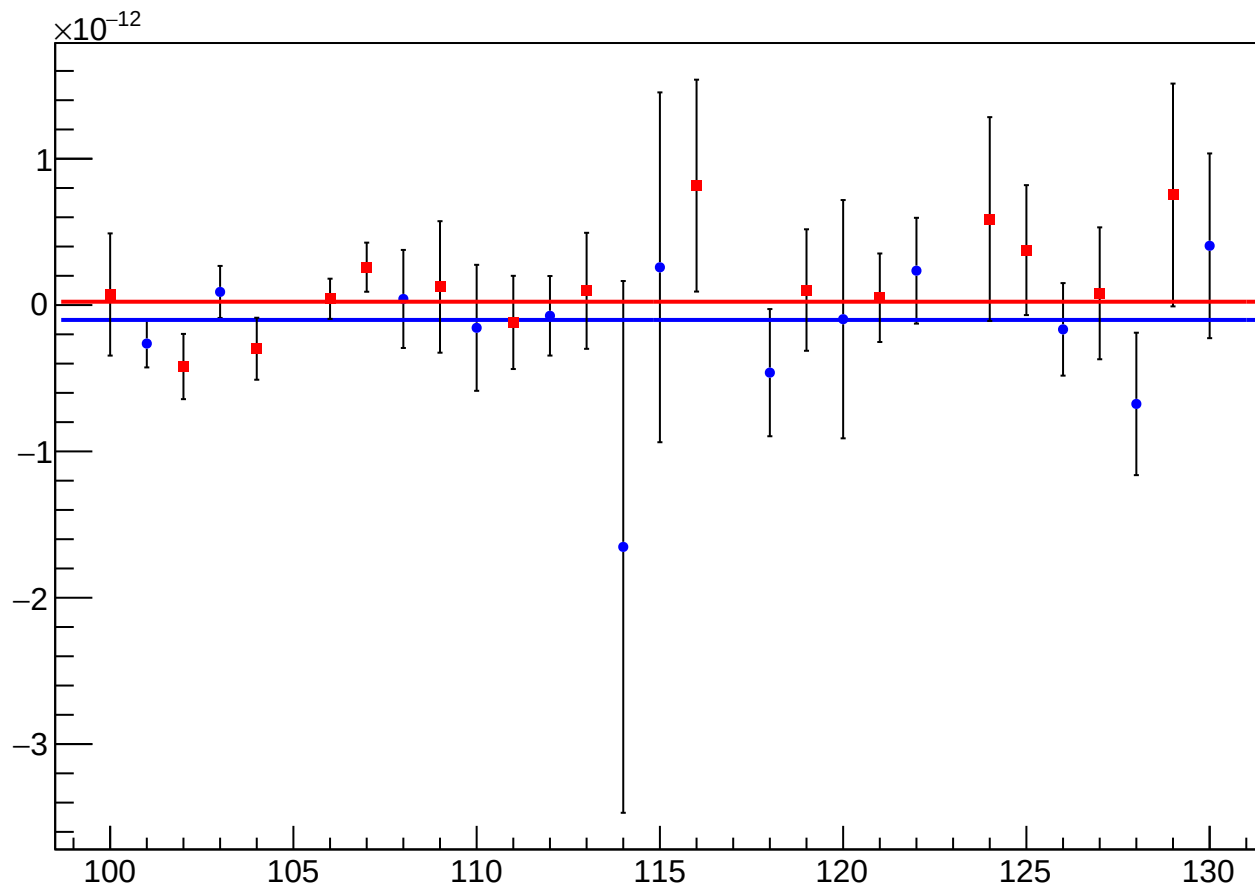
Right: 3534.799+/-0.759 χ^2/NDF : 771711.9/27

In: 3728.278+/-1.140 χ^2/NDF : 278567.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3534.799+/-0.759 χ^2/NDF : 771711.9/27

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 6.8/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 12.0/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

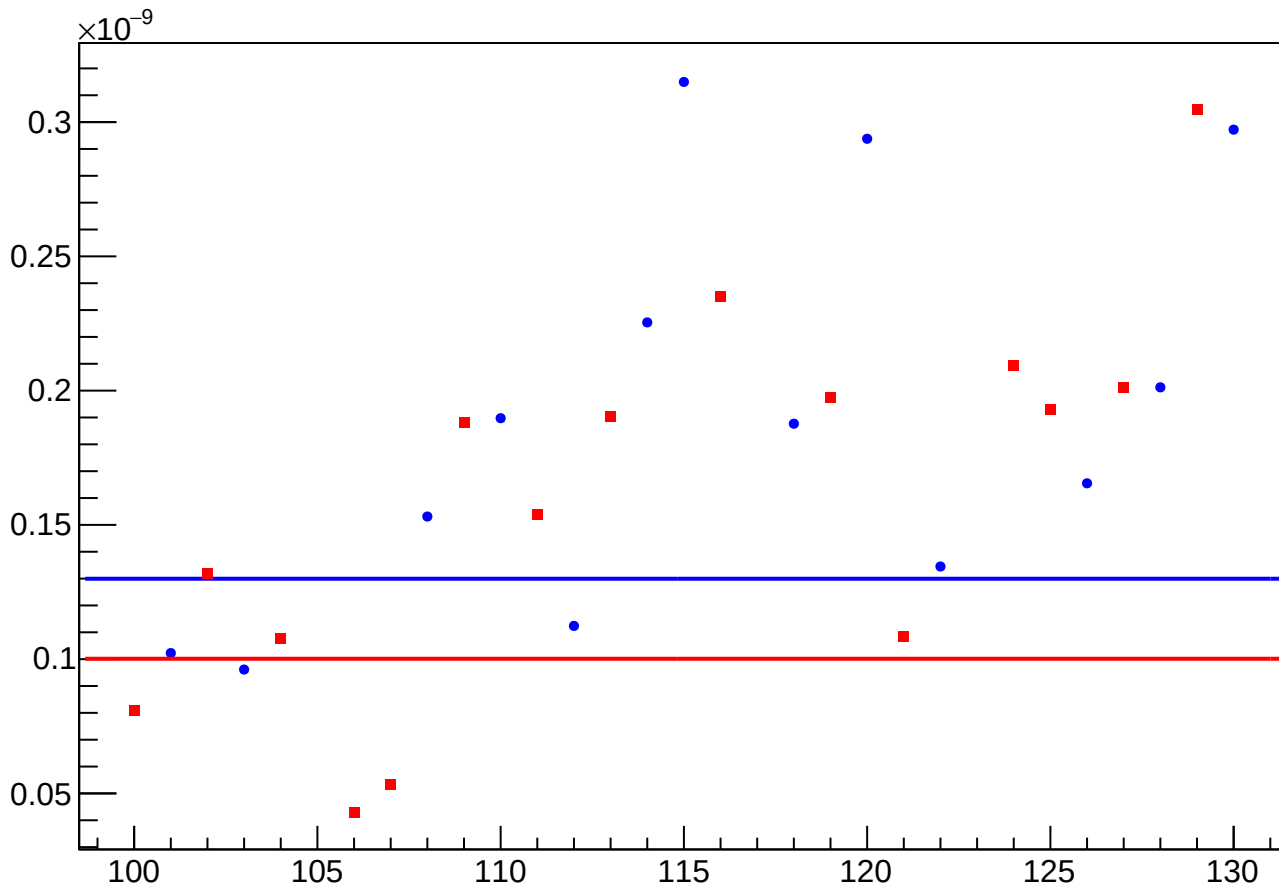
Right: -0.000+/-0.000 χ^2 /NDF: 20.0/27

In: -0.000+/-0.000 χ^2 /NDF:6.8/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 20.0/27

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 565316.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1349820.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

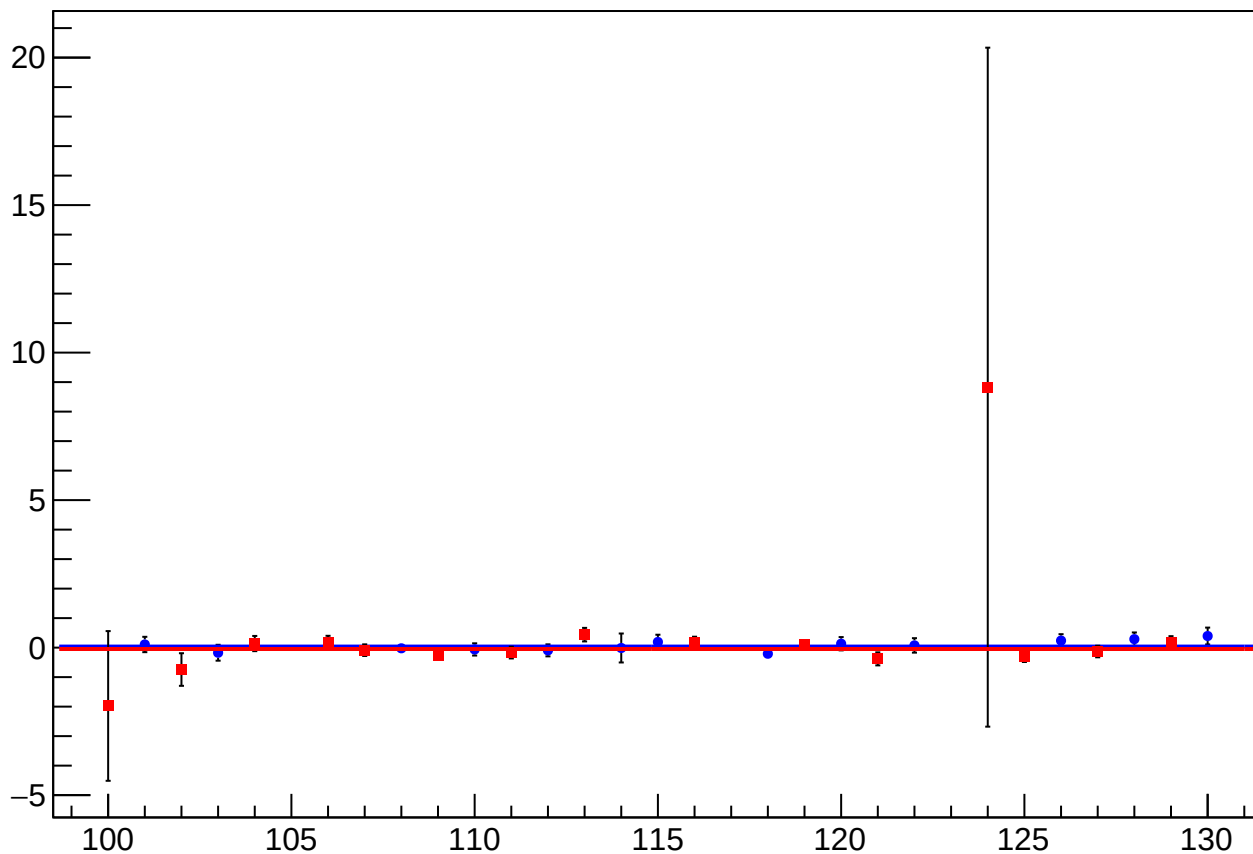
Right: 0.000+/-0.000 χ^2/NDF : 2051870.5/27

In: 0.000+/-0.000 χ^2/NDF : 565316.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2051870.5/27

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035+/-0.062 χ^2/NDF : 7.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.047+/-0.057 χ^2/NDF : 18.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

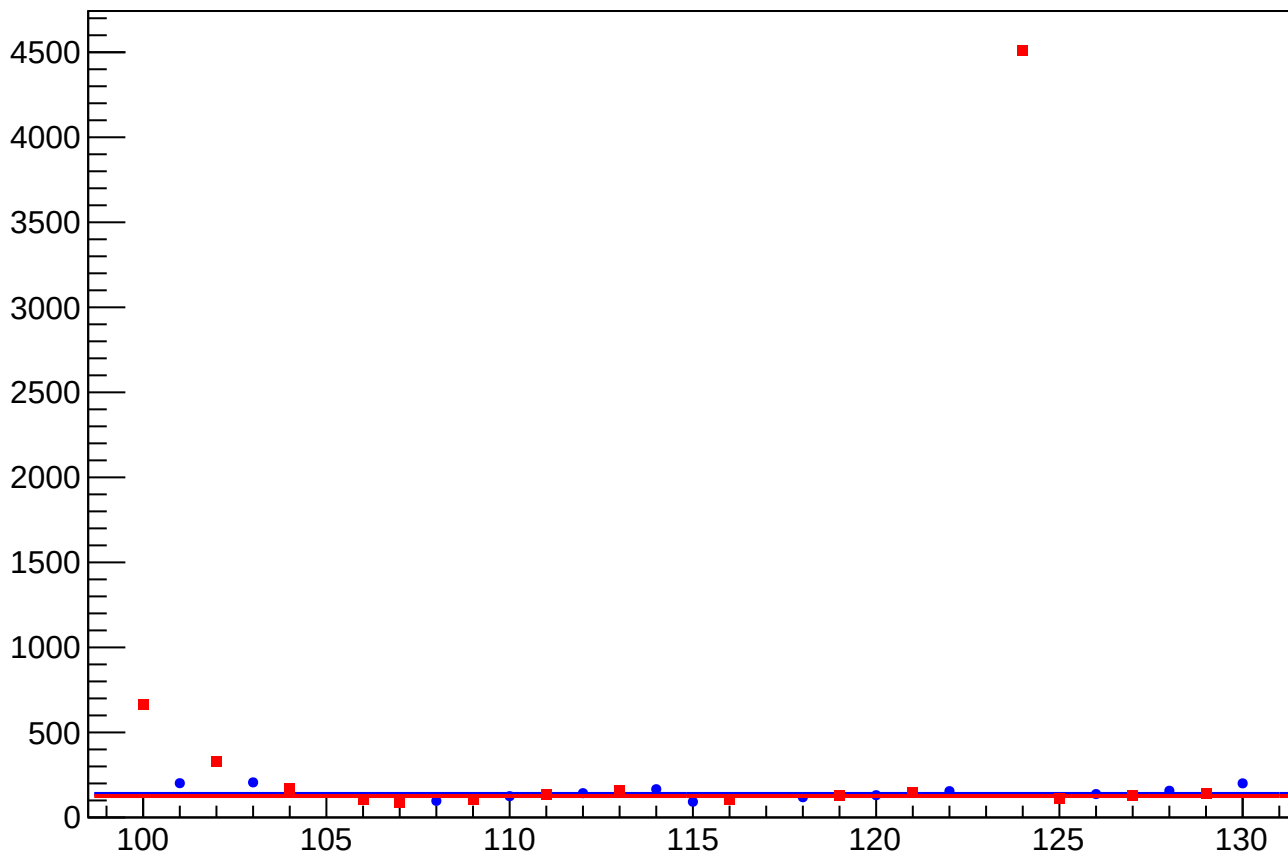
Right: -0.009+/-0.042 χ^2/NDF : 26.8/27

In: 0.035+/-0.062 χ^2/NDF : 7.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.042 χ^2/NDF : 26.8/27

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.180+/-0.044 χ^2/NDF : 607435.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.024+/-0.040 χ^2/NDF : 921541.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

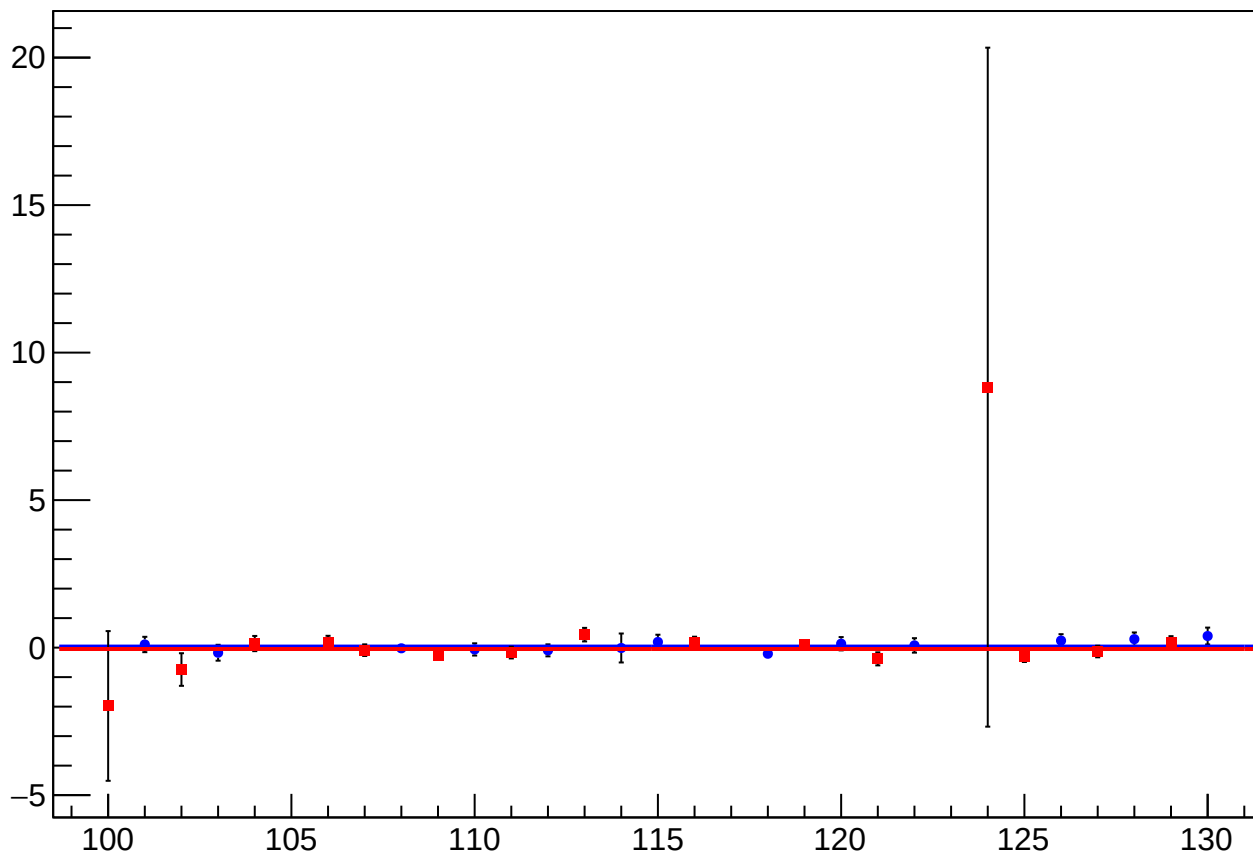
Right: 131.628+/-0.030 χ^2/NDF : 1570777.1/27

In: 138.180+/-0.044 χ^2/NDF : 607435.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.628+/-0.030 χ^2/NDF : 1570777.1/27

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035+/-0.062 χ^2/NDF : 7.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.047+/-0.057 χ^2/NDF : 18.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

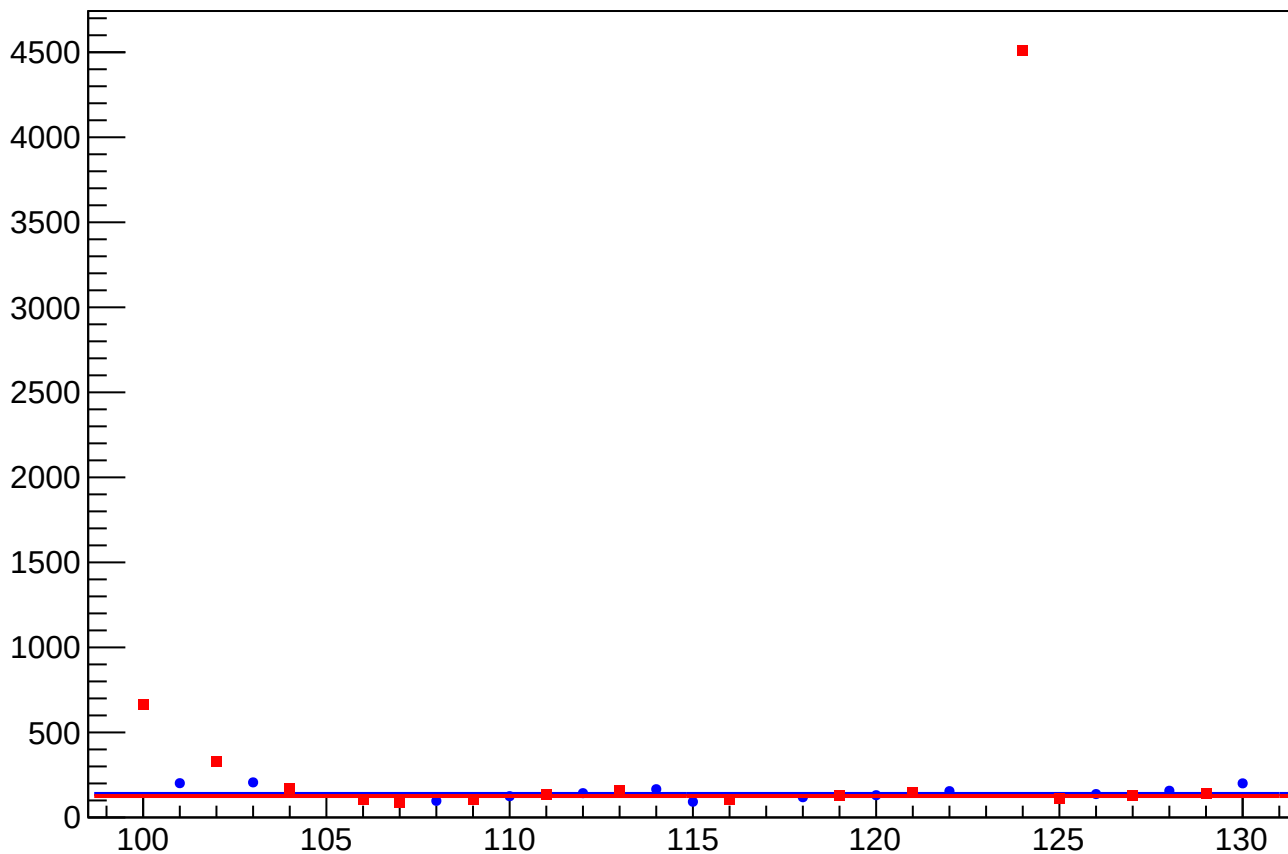
Right: -0.009+/-0.042 χ^2/NDF : 26.8/27

In: 0.035+/-0.062 χ^2/NDF : 7.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.042 χ^2/NDF : 26.8/27

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.180+/-0.044 χ^2/NDF : 607435.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.024+/-0.040 χ^2/NDF : 921541.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

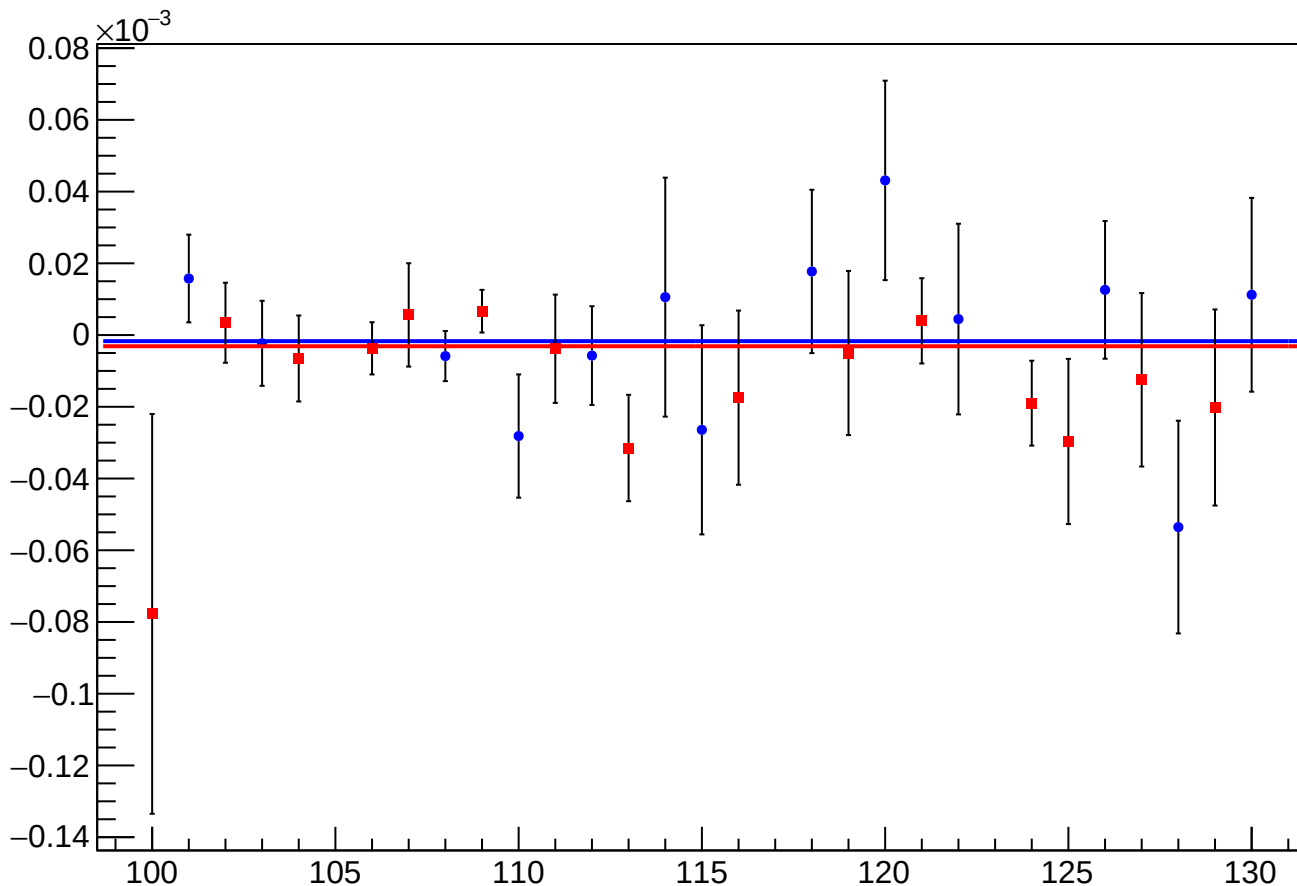
Right: 131.628+/-0.030 χ^2/NDF : 1570777.1/27

In: 138.180+/-0.044 χ^2/NDF : 607435.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.628+/-0.030 χ^2/NDF : 1570777.1/27

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 12.9/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 13.3/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

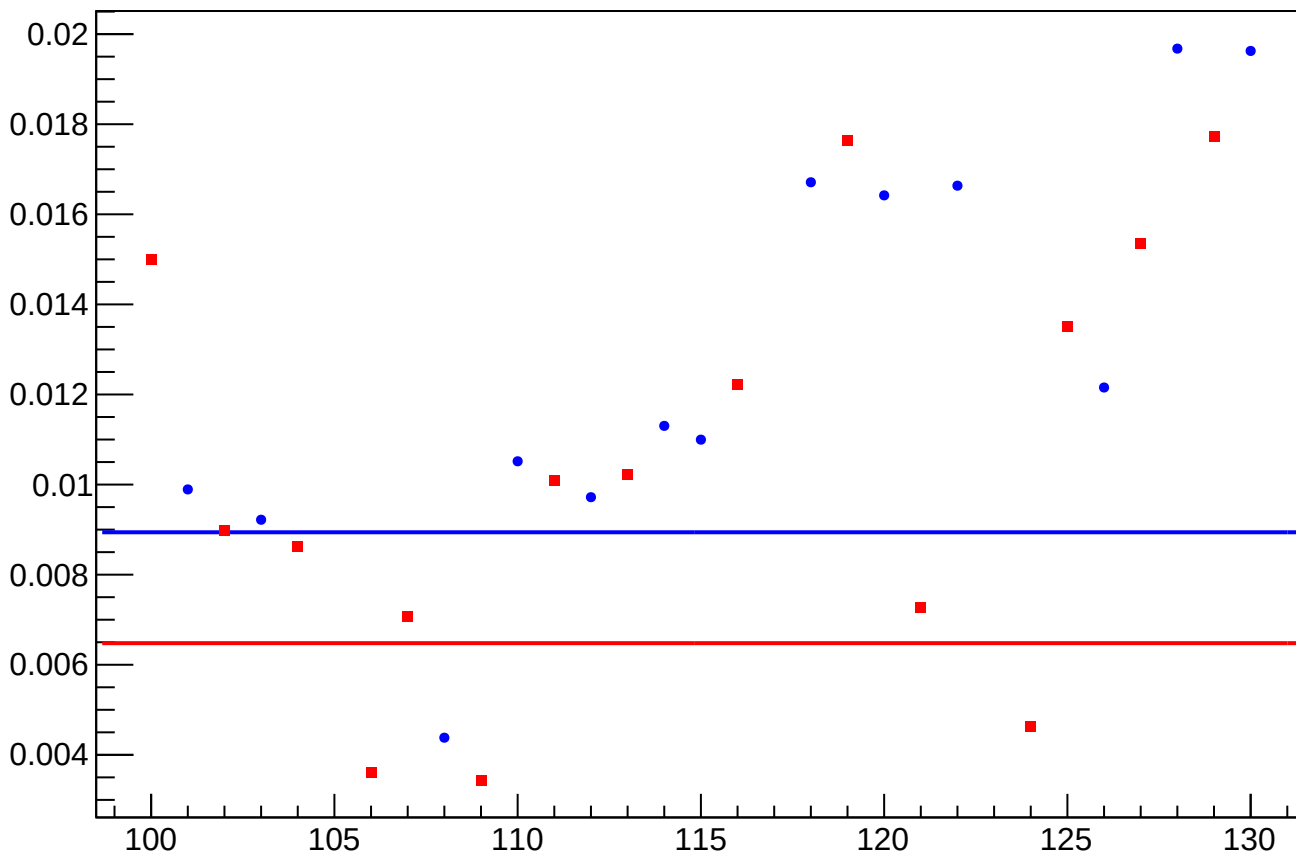
Right: -0.000+/-0.000 χ^2 /NDF: 26.3/27

In: -0.000+/-0.000 χ^2 /NDF:12.9/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 26.3/27

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 2085354.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 2729592.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

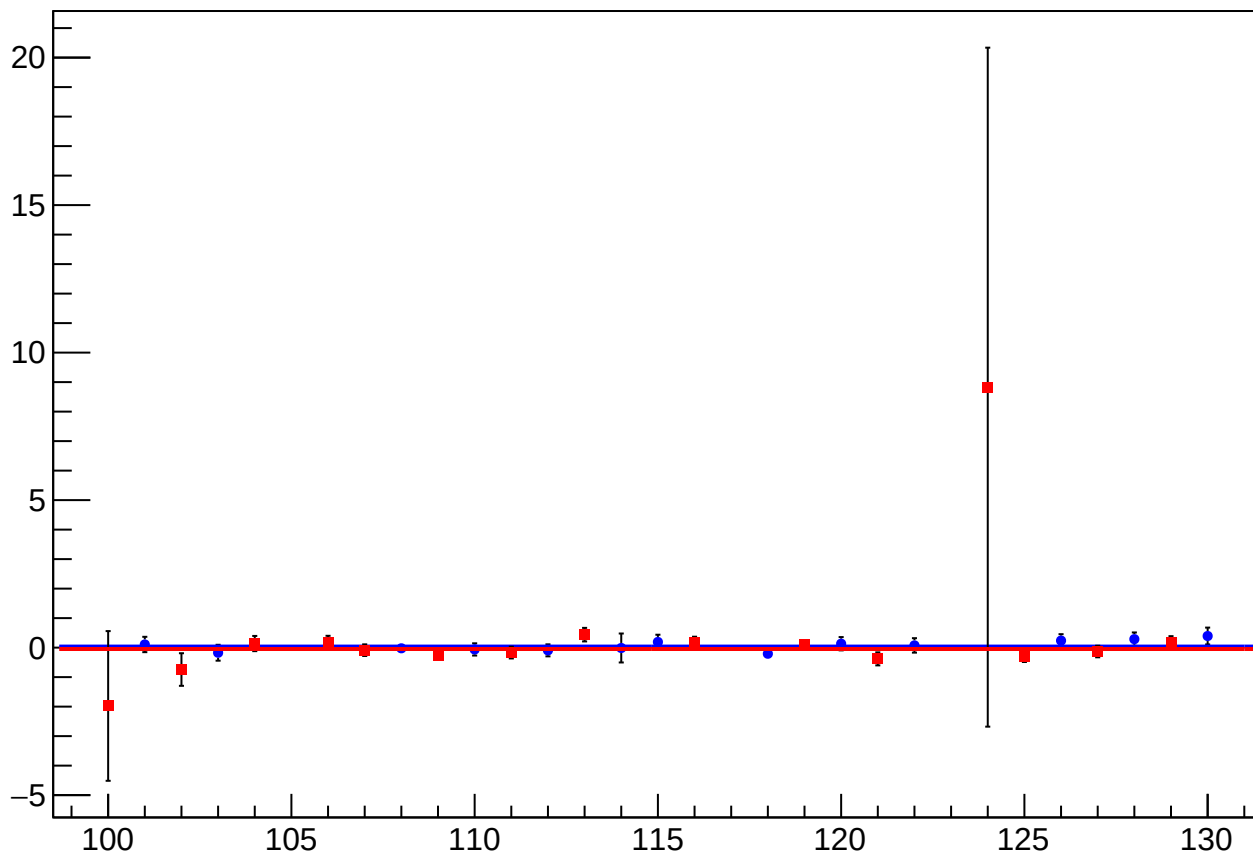
Right: 0.007+/-0.000 χ^2/NDF : 5242790.0/27

In: 0.009+/-0.000 χ^2/NDF : 2085354.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 5242790.0/27

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035+/-0.062 χ^2/NDF : 7.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.047+/-0.057 χ^2/NDF : 18.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

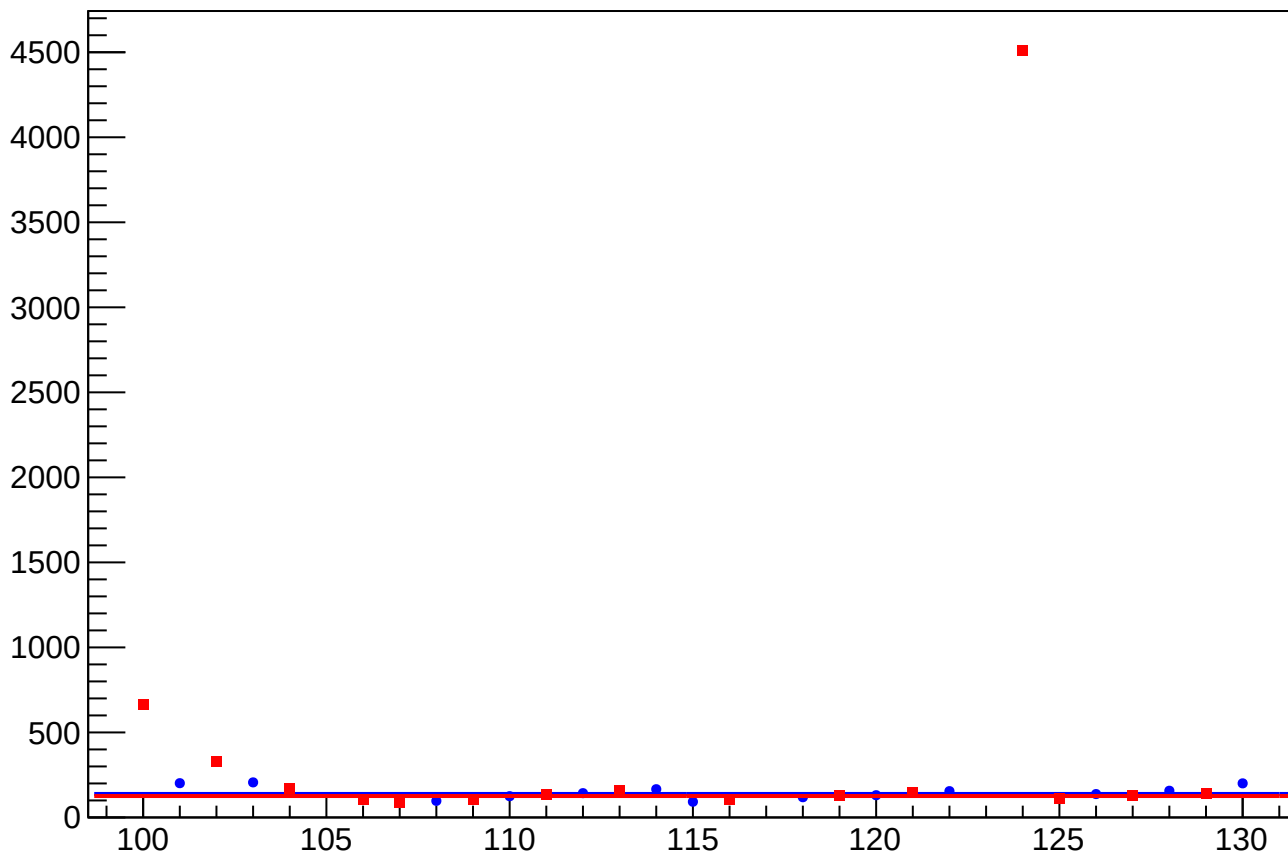
Right: -0.009+/-0.042 χ^2/NDF : 26.8/27

In: 0.035+/-0.062 χ^2/NDF : 7.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.042 χ^2/NDF : 26.8/27

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.180+/-0.044 χ^2/NDF : 607359.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.025+/-0.040 χ^2/NDF : 921476.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

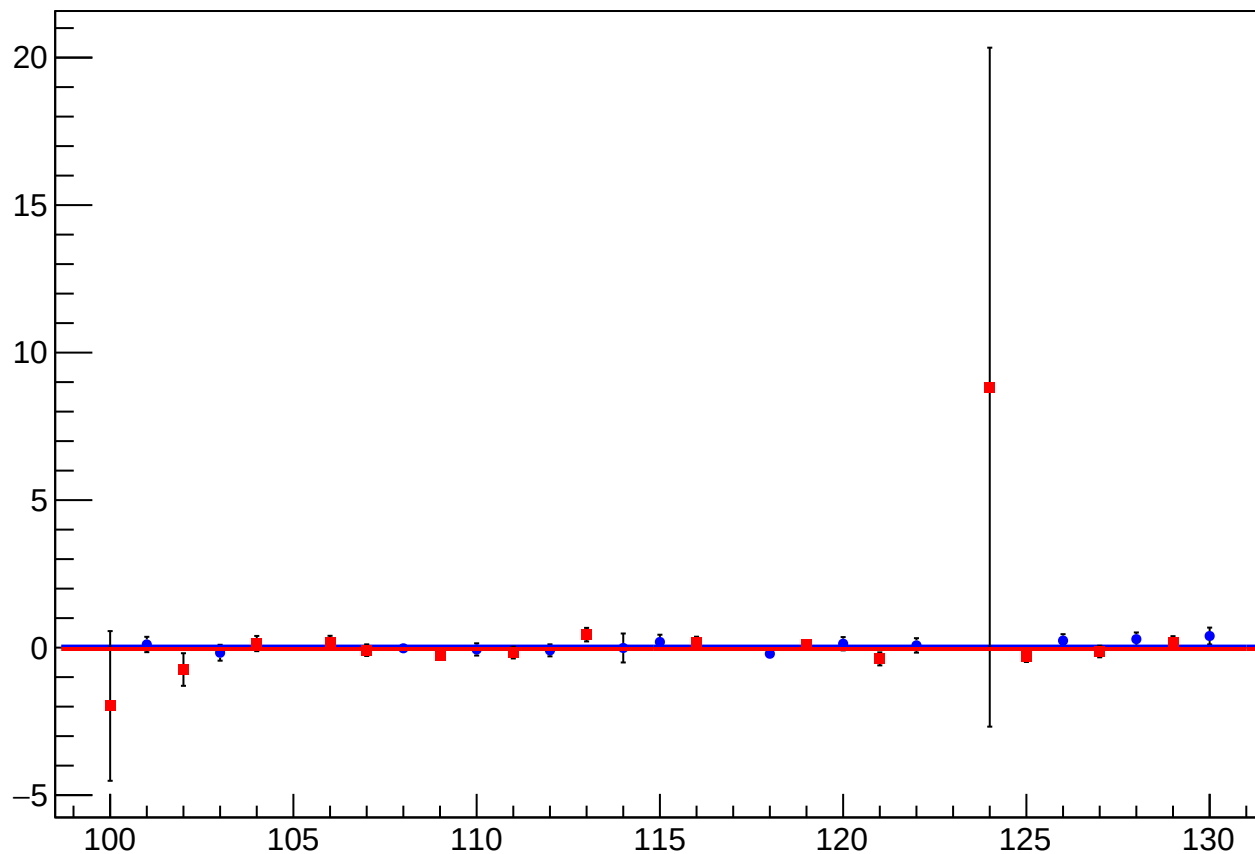
Right: 131.628+/-0.030 χ^2/NDF : 1570625.4/27

In: 138.180+/-0.044 χ^2/NDF : 607359.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.628+/-0.030 χ^2/NDF : 1570625.4/27

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035+/-0.062 χ^2/NDF : 7.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.047+/-0.057 χ^2/NDF : 18.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

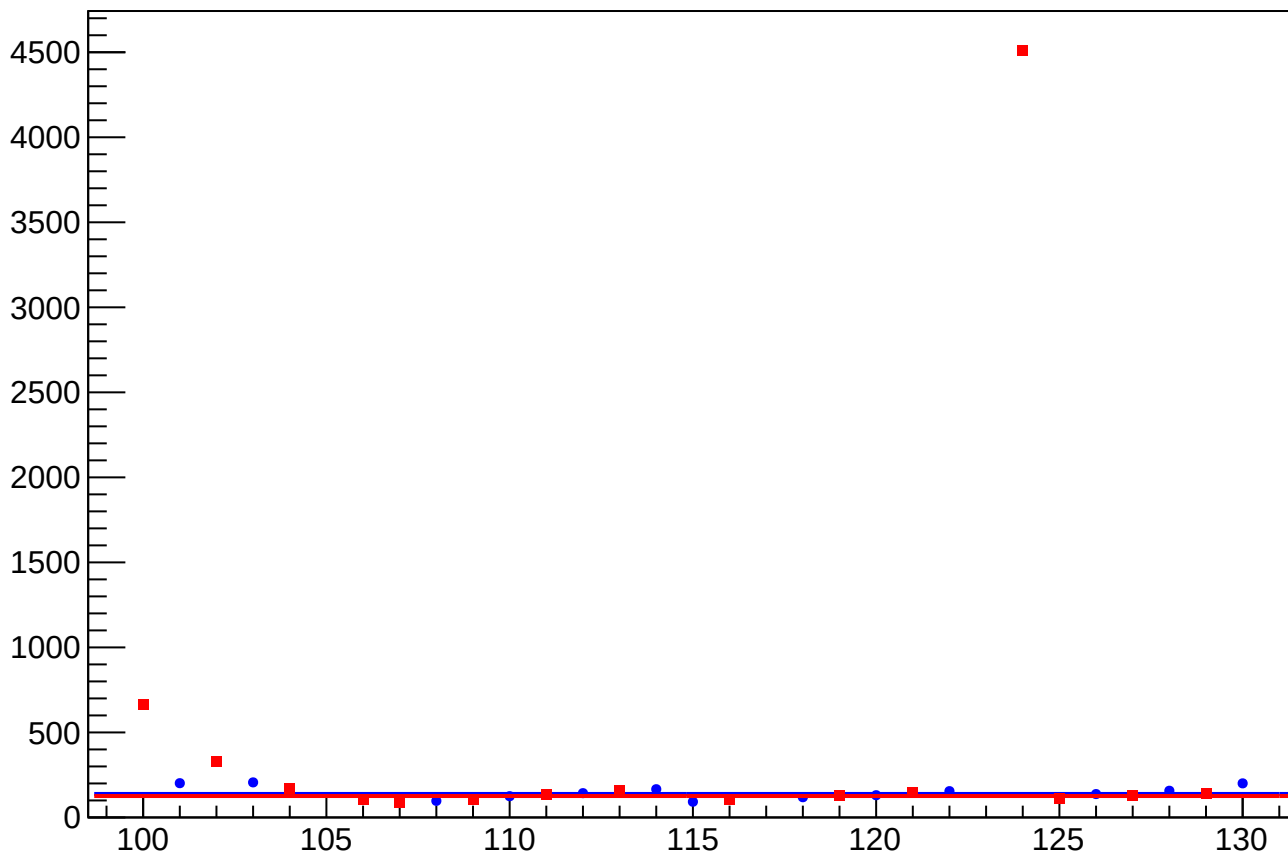
Right: -0.009+/-0.042 χ^2/NDF : 26.8/27

In: 0.035+/-0.062 χ^2/NDF : 7.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.042 χ^2/NDF : 26.8/27

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.180+/-0.044 χ^2/NDF : 607359.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 126.025+/-0.040 χ^2/NDF : 921476.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

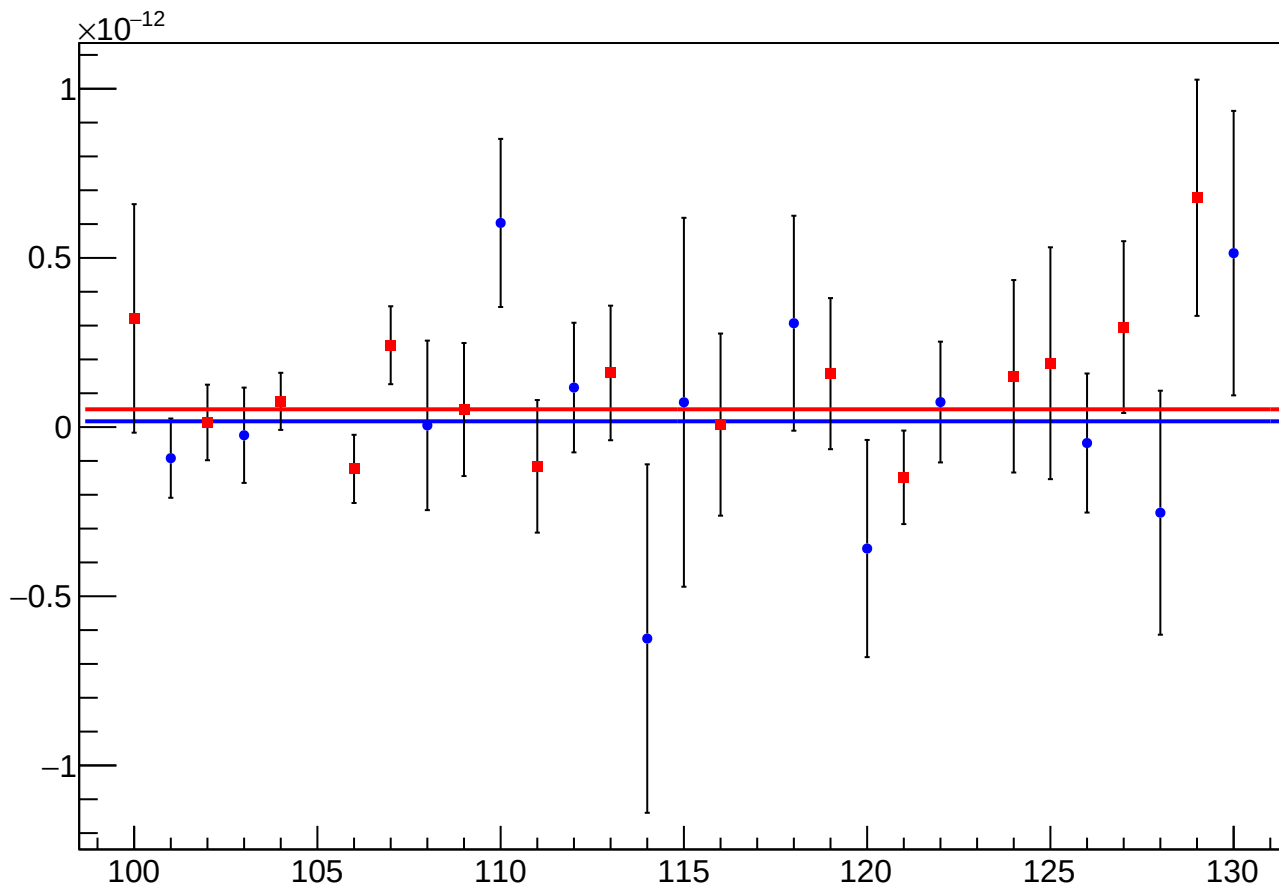
Right: 131.628+/-0.030 χ^2/NDF : 1570625.4/27

In: 138.180+/-0.044 χ^2/NDF :607359.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 131.628+/-0.030 χ^2/NDF : 1570625.4/27

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

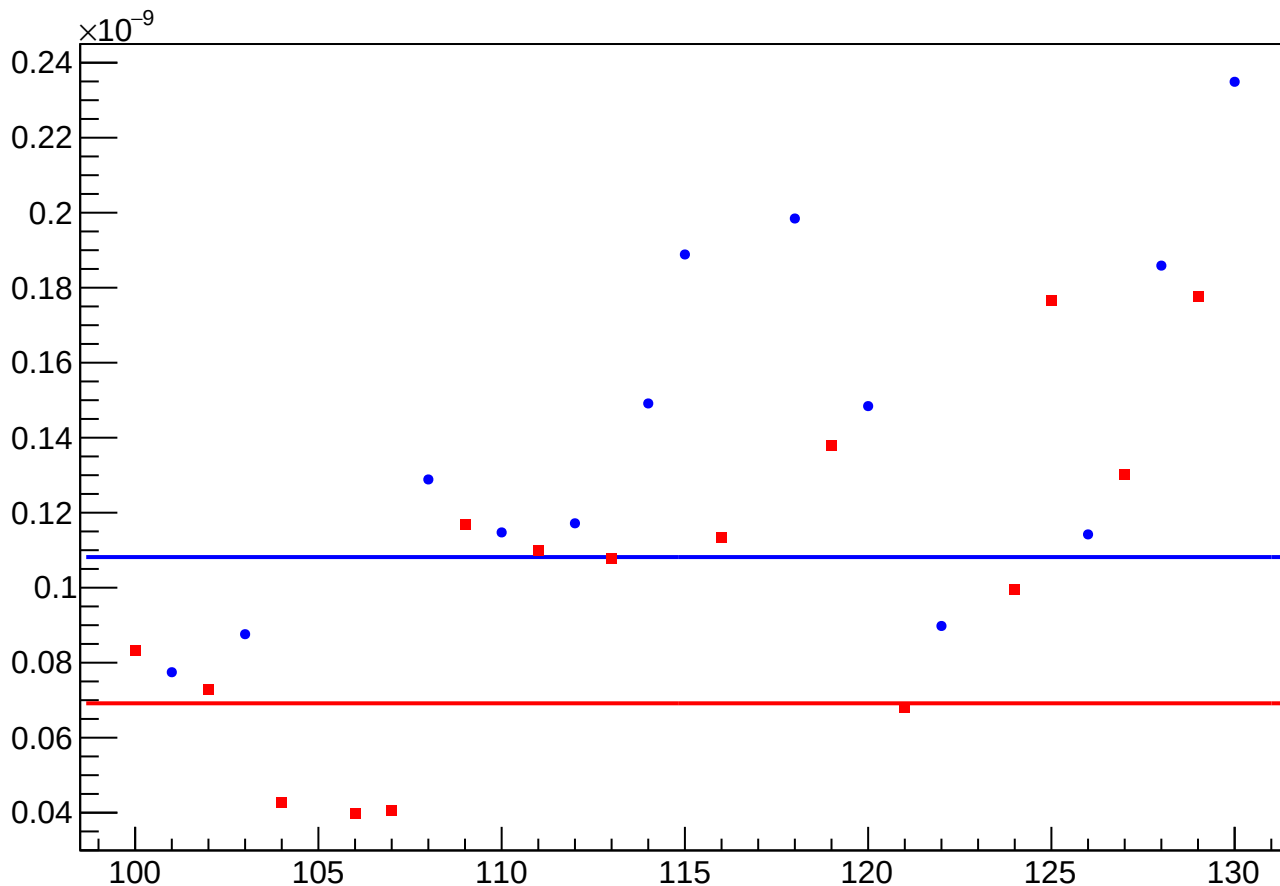
Right: 0.000+/-0.000 χ^2/NDF : 27.4/27

In: 0.000+/-0.000 χ^2/NDF : 12.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.4/27

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 746722.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1543827.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

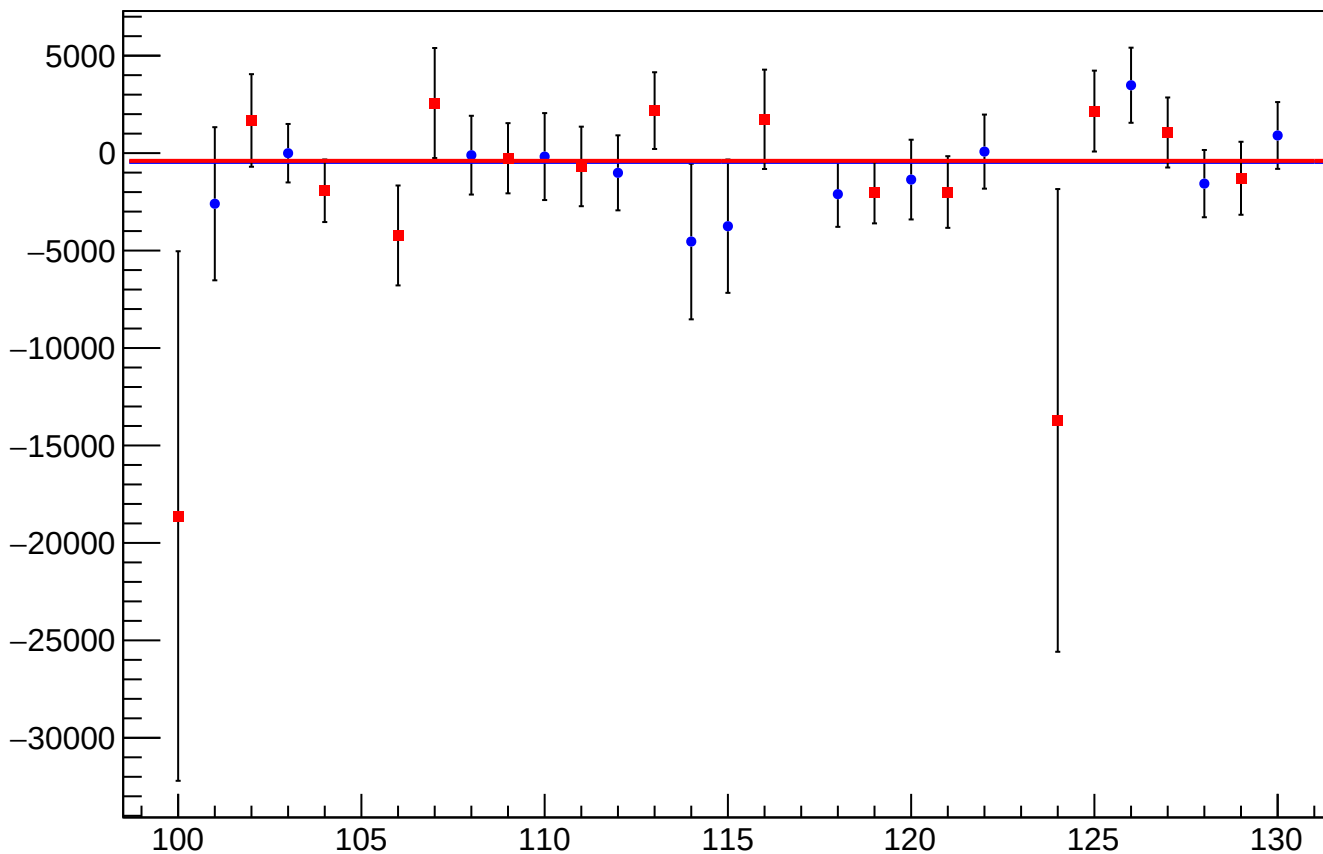
Right: 0.000+/-0.000 χ^2/NDF : 2871551.2/27

In: 0.000+/-0.000 χ^2/NDF : 746722.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2871551.2/27

reg_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -451.301+/-559.953 χ^2/NDF : 8.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -396.506+/-547.290 χ^2/NDF : 14.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

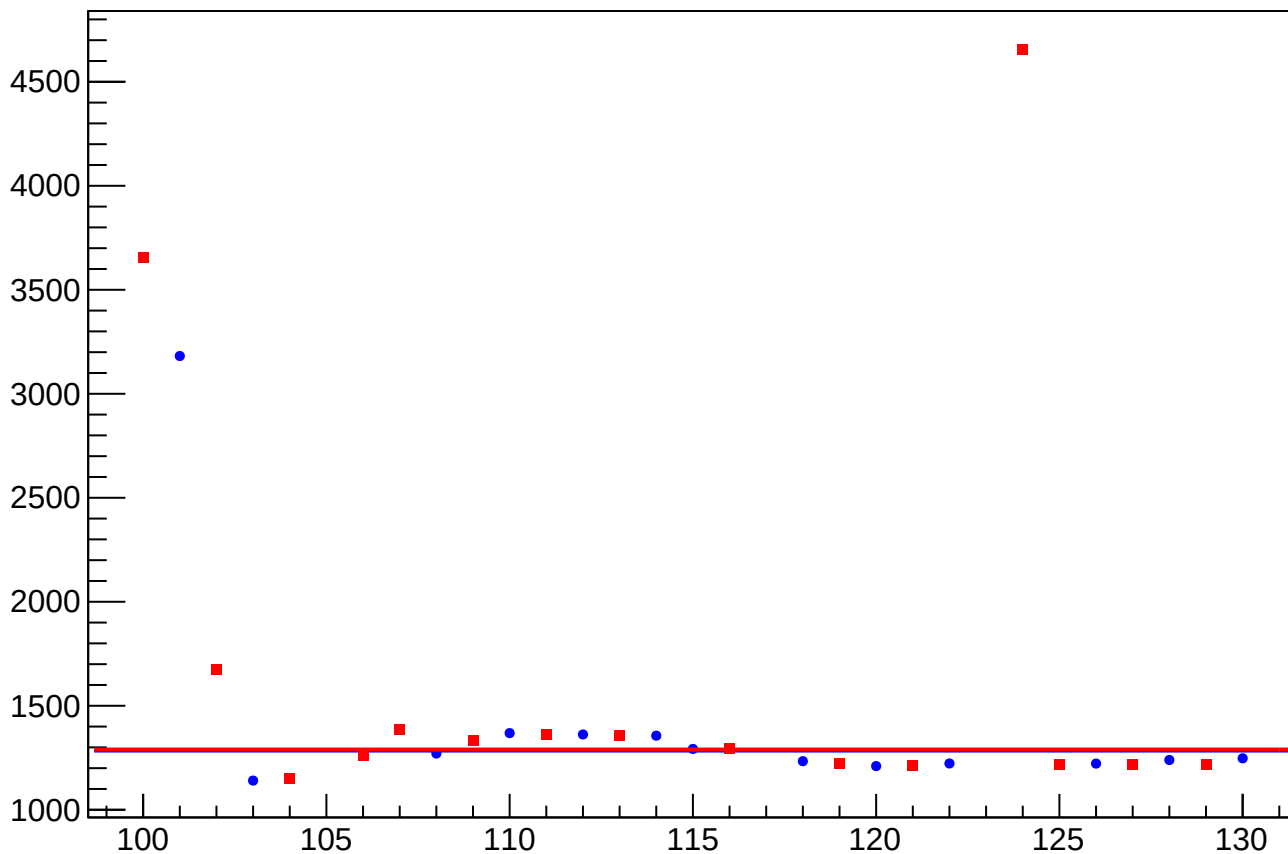
Right: -423.277+/-391.393 χ^2/NDF : 23.7/27

In: -451.301+/-559.953 χ^2/NDF : 8.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -423.277+/-391.393 χ^2/NDF : 23.7/27

reg_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1284.749+/-0.396 χ^2/NDF : 502671.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1289.479+/-0.387 χ^2/NDF : 314335.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

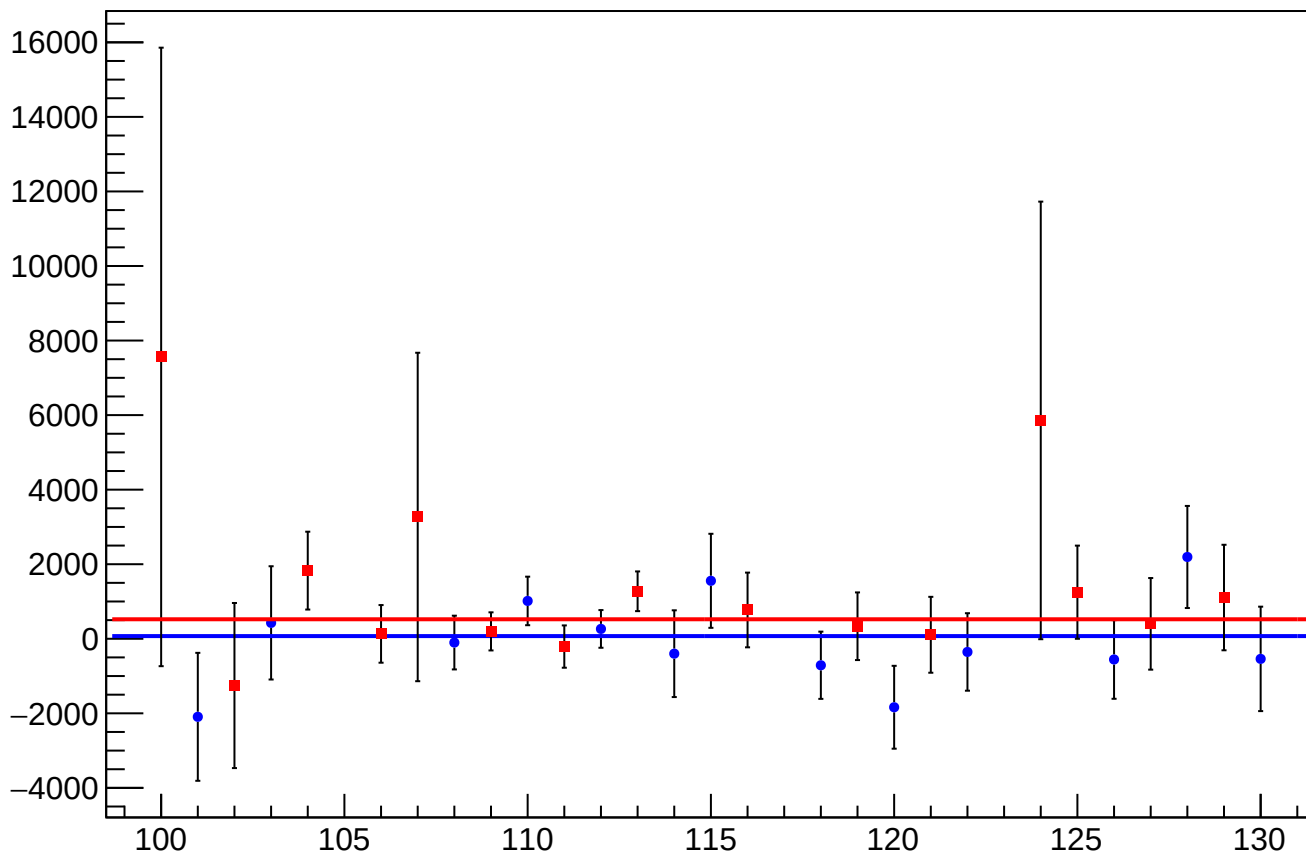
Right: 1287.168+/-0.277 χ^2/NDF : 817080.0/27

In: 1284.749+/-0.396 χ^2/NDF : 502671.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1287.168+/-0.277 χ^2/NDF : 817080.0/27

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 71.834 $\pm$ 256.113 χ^2/NDF : 12.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 522.981 $\pm$ 233.608 χ^2/NDF : 9.2/14

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

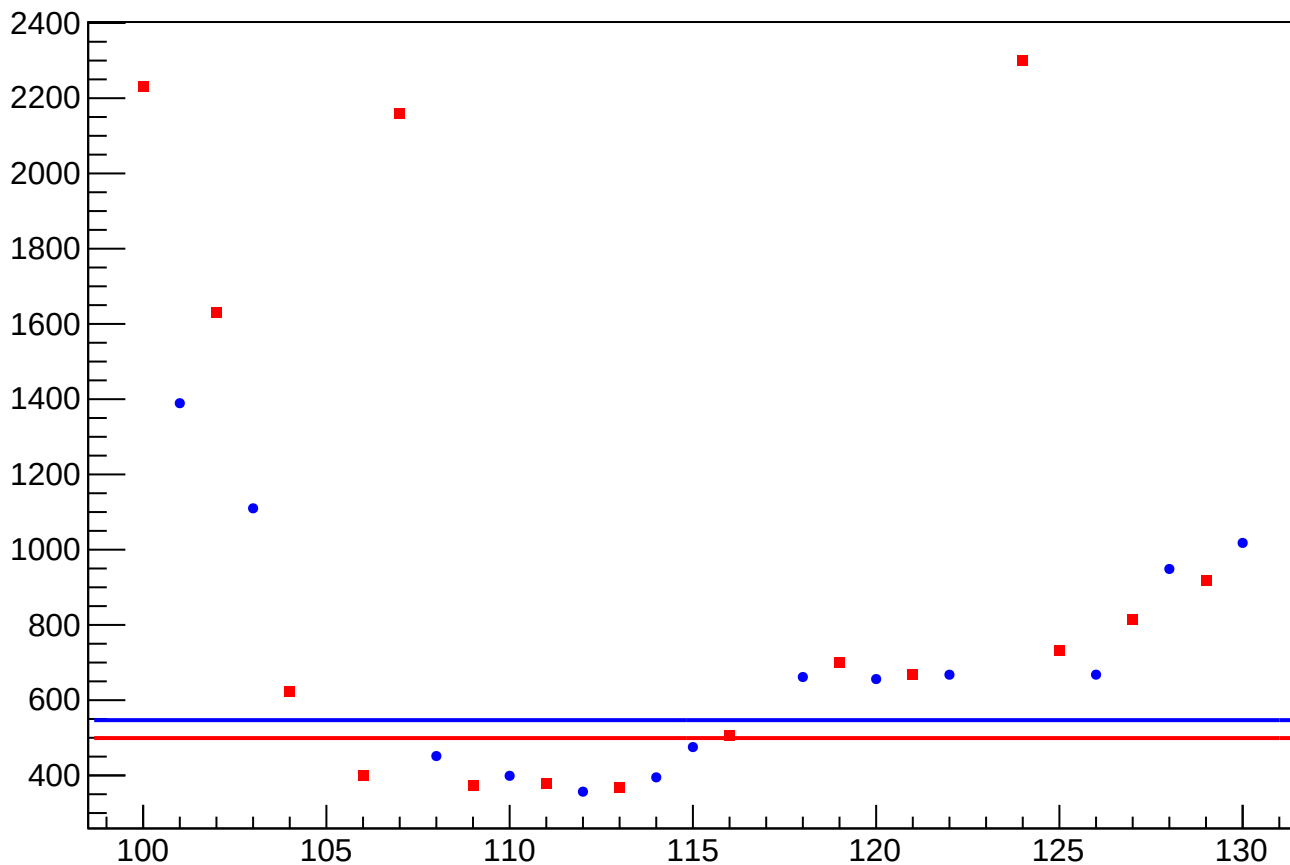
Right: 318.096 $\pm$ 172.595 χ^2/NDF : 23.2/27

In: 71.834 $\pm$ 256.113 χ^2/NDF : 12.3/12

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 318.096 $\pm$ 172.595 χ^2/NDF : 23.2/27

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 546.921+/-0.181 χ^2/NDF : 1721677.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 499.266+/-0.165 χ^2/NDF : 2005649.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

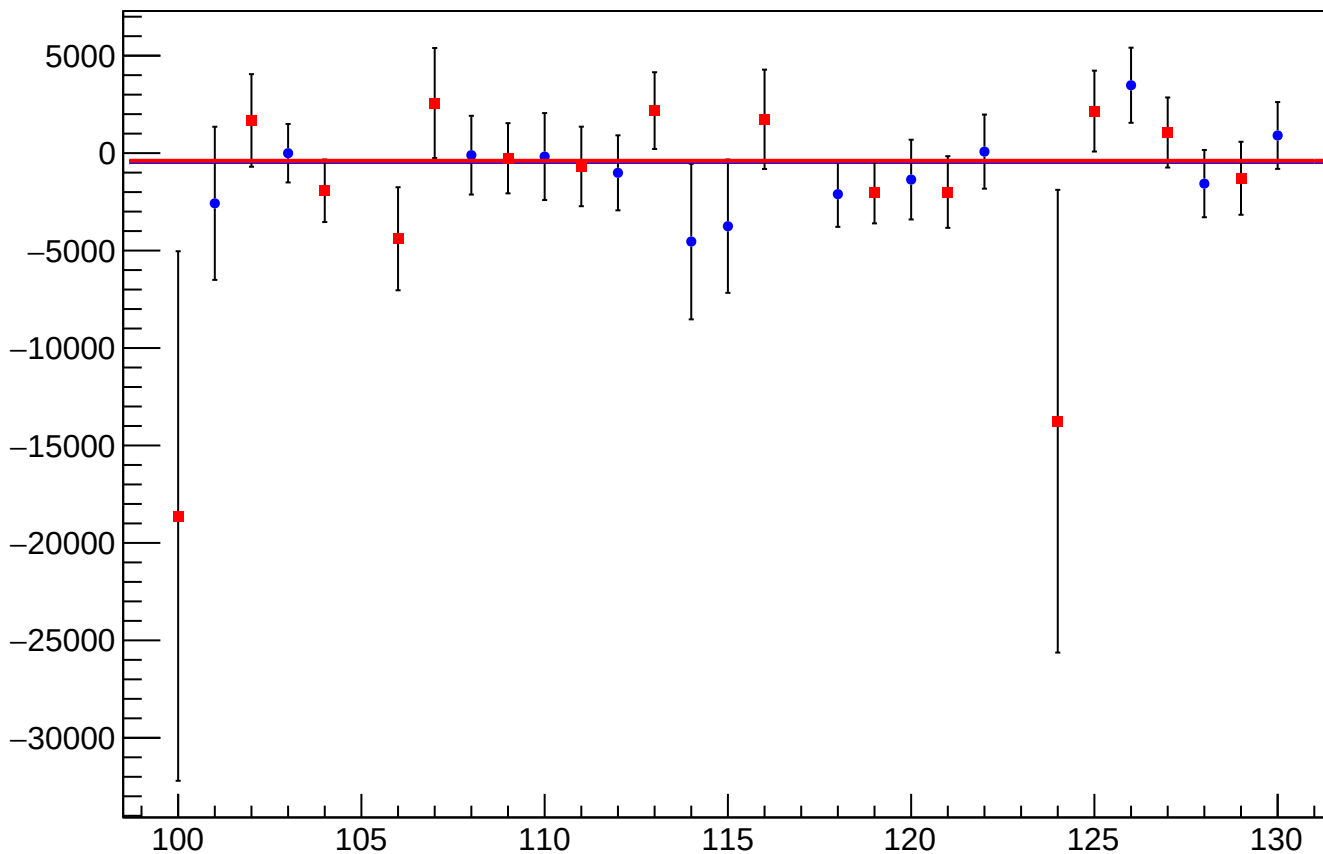
Right: 520.908+/-0.122 χ^2/NDF : 3765125.3/27

In: 546.921+/-0.181 χ^2/NDF :1721677.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 520.908+/-0.122 χ^2/NDF : 3765125.3/27

cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -450.755+/-559.954 χ^2/NDF : 8.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -393.463+/-548.038 χ^2/NDF : 14.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

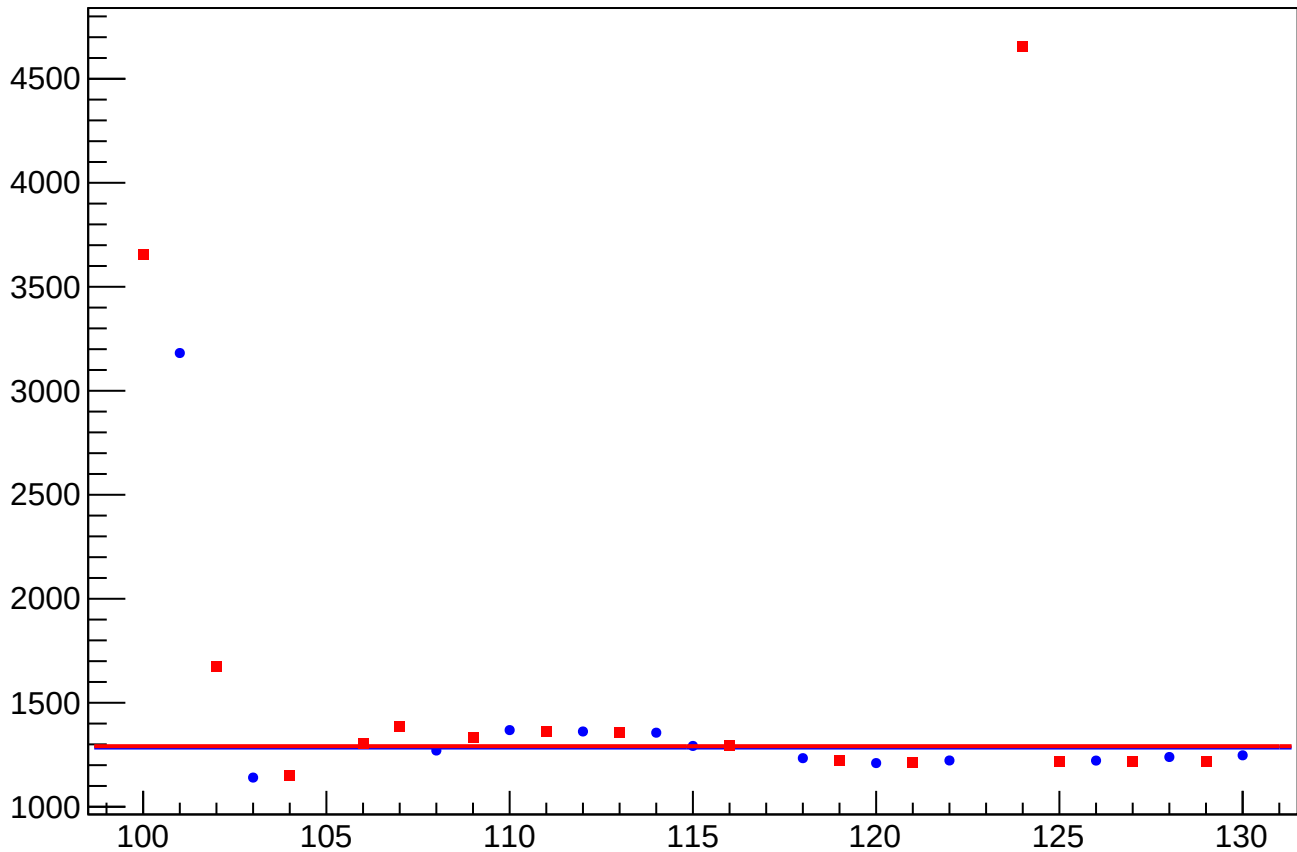
Right: -421.493+/-391.666 χ^2/NDF : 23.7/27

In: -450.755+/-559.954 χ^2/NDF : 8.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -421.493+/-391.666 χ^2/NDF : 23.7/27

cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1284.749+/-0.396 χ^2/NDF : 502673.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1291.303+/-0.388 χ^2/NDF : 314160.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

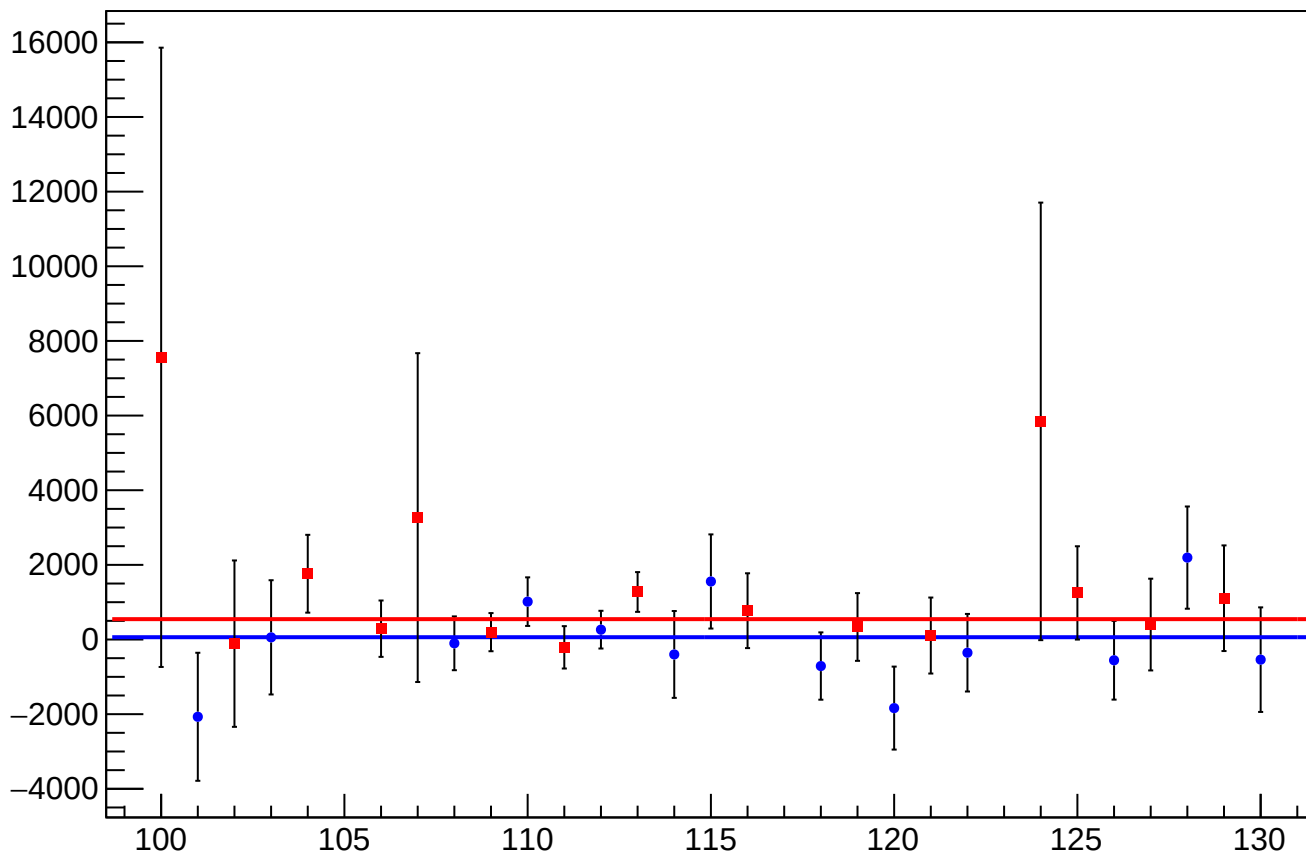
Right: 1288.097+/-0.277 χ^2/NDF : 816973.7/27

In: 1284.749+/-0.396 χ^2/NDF : 502673.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1288.097+/-0.277 χ^2/NDF : 816973.7/27

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 61.908+/-256.164 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 545.893+/-233.086 χ^2/NDF : 8.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

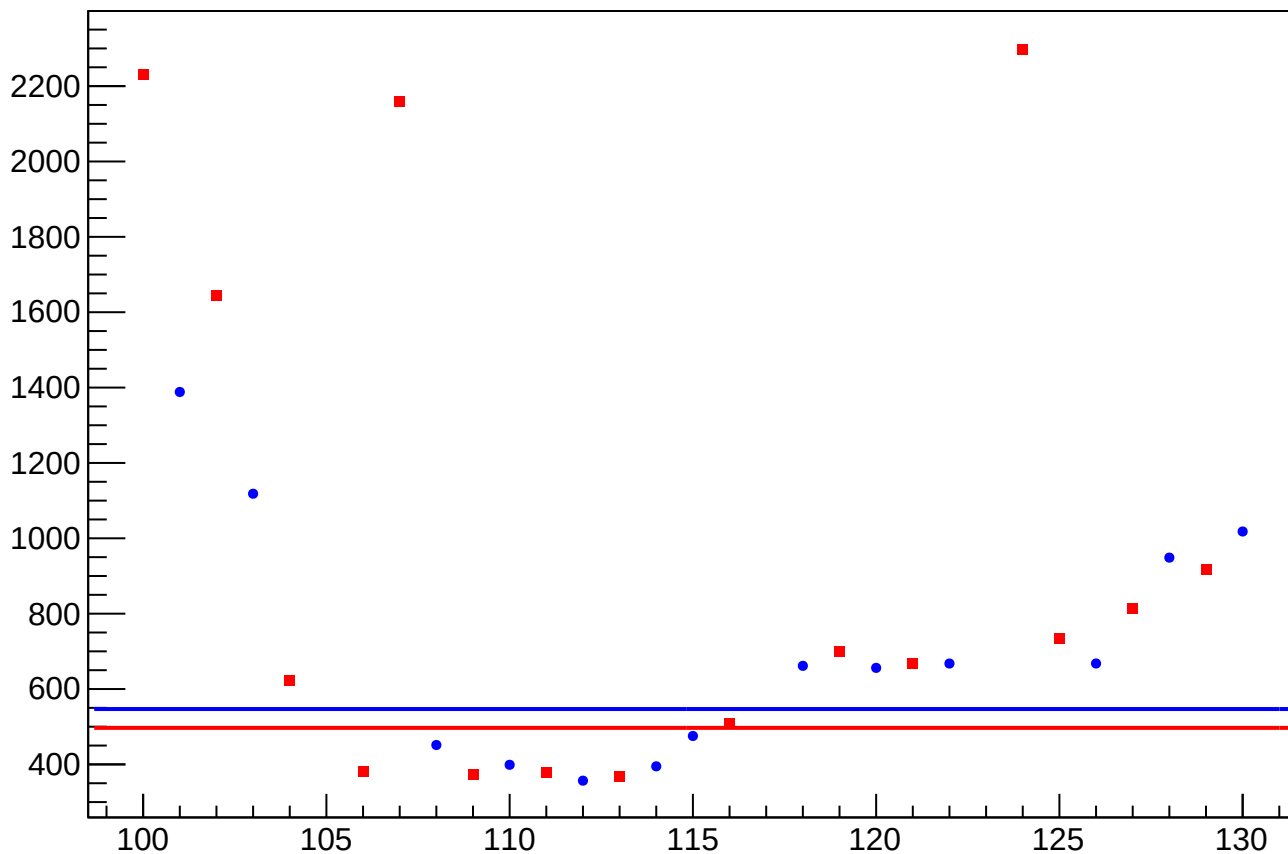
Right: 326.680+/-172.400 χ^2/NDF : 22.5/27

In: 61.908+/-256.164 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 326.680+/-172.400 χ^2/NDF : 22.5/27

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 546.929+/-0.181 χ^2/NDF : 1725354.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 496.956+/-0.165 χ^2/NDF : 2028667.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

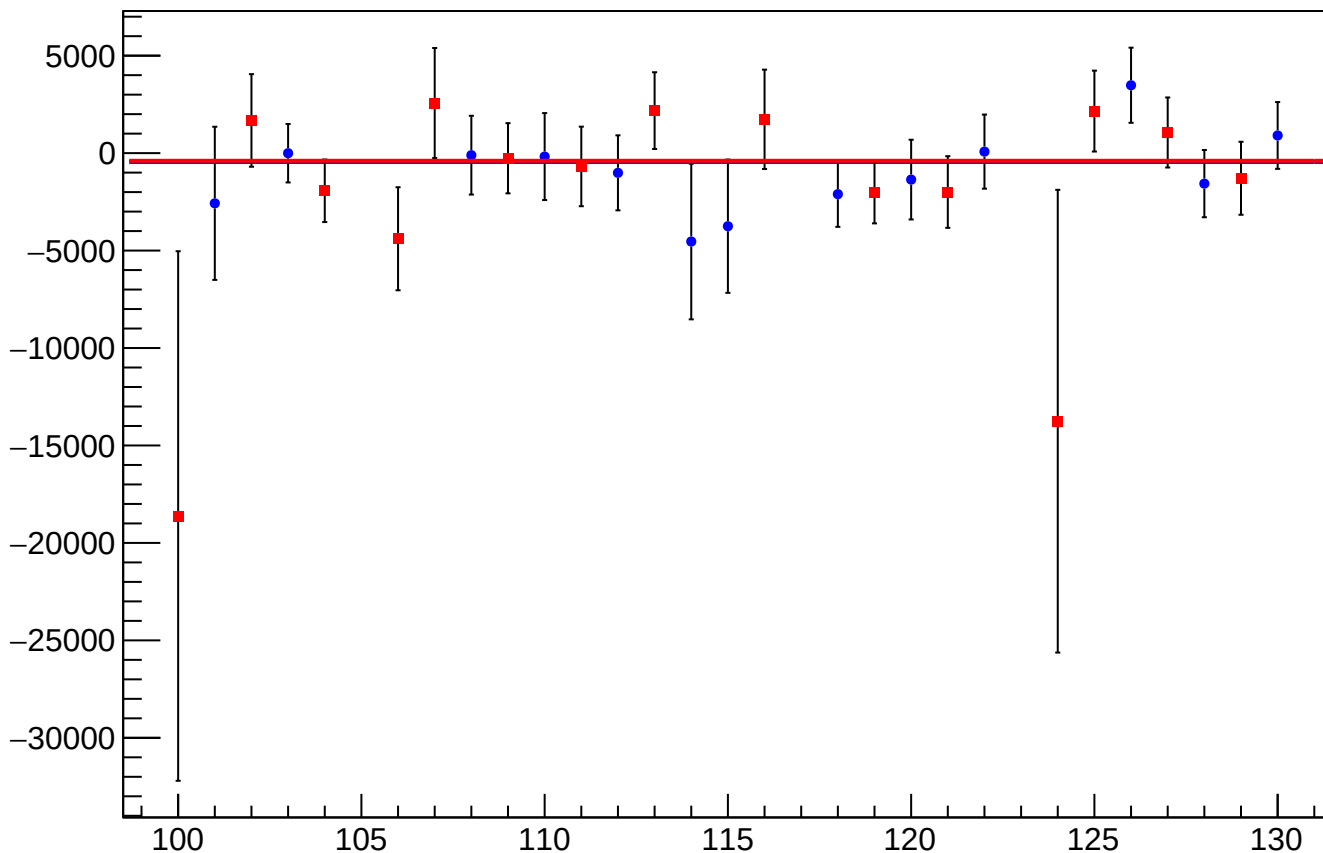
Right: 519.590+/-0.122 χ^2/NDF : 3795661.7/27

In: 546.929+/-0.181 χ^2/NDF :1725354.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 519.590+/-0.122 χ^2/NDF : 3795661.7/27

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -450.755+/-559.954 χ^2/NDF : 8.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -393.463+/-548.038 χ^2/NDF : 14.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

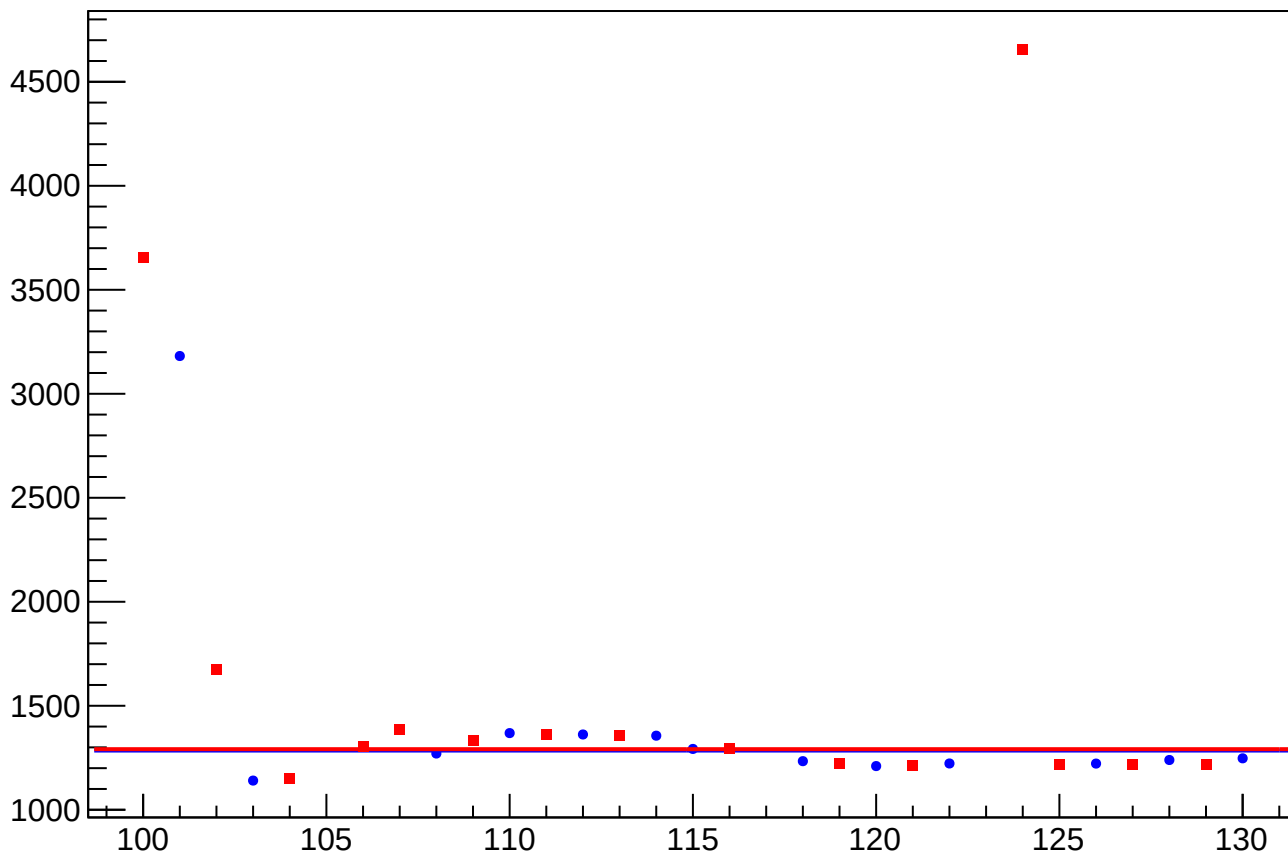
Right: -421.493+/-391.666 χ^2/NDF : 23.7/27

In: -450.755+/-559.954 χ^2/NDF : 8.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -421.493+/-391.666 χ^2/NDF : 23.7/27

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1284.749+/-0.396 χ^2/NDF : 502673.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1291.303+/-0.388 χ^2/NDF : 314160.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

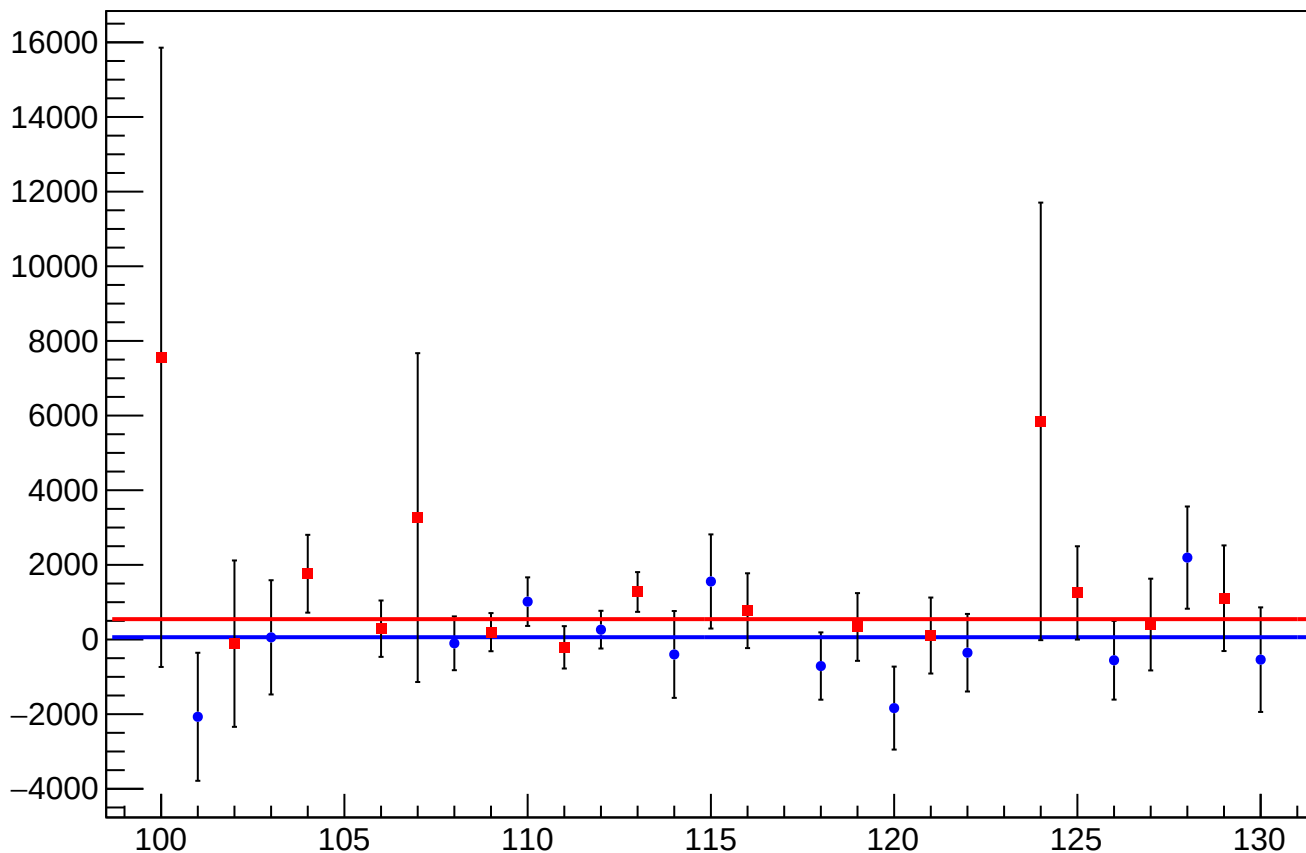
Right: 1288.097+/-0.277 χ^2/NDF : 816973.7/27

In: 1284.749+/-0.396 χ^2/NDF : 502673.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1288.097+/-0.277 χ^2/NDF : 816973.7/27

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 61.908 $\pm$ 256.164 χ^2 /NDF: 12.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 545.893 $\pm$ 233.086 χ^2 /NDF: 8.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

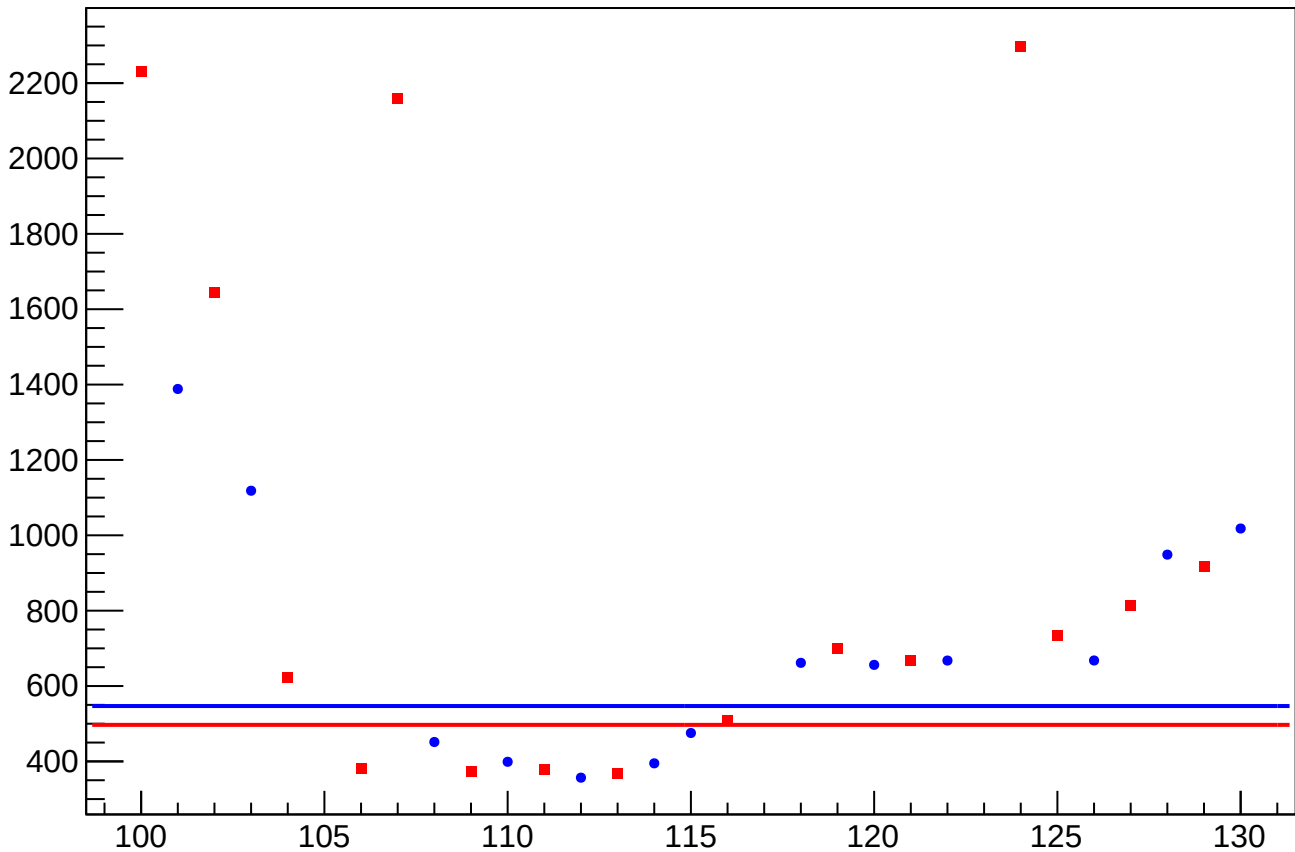
Right: 326.680 $\pm$ 172.400 χ^2 /NDF: 22.5/27

In: 61.908 $\pm$ 256.164 χ^2 /NDF:12.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 326.680 $\pm$ 172.400 χ^2 /NDF: 22.5/27

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 546.929+/-0.181 χ^2/NDF : 1725354.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 496.956+/-0.165 χ^2/NDF : 2028667.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

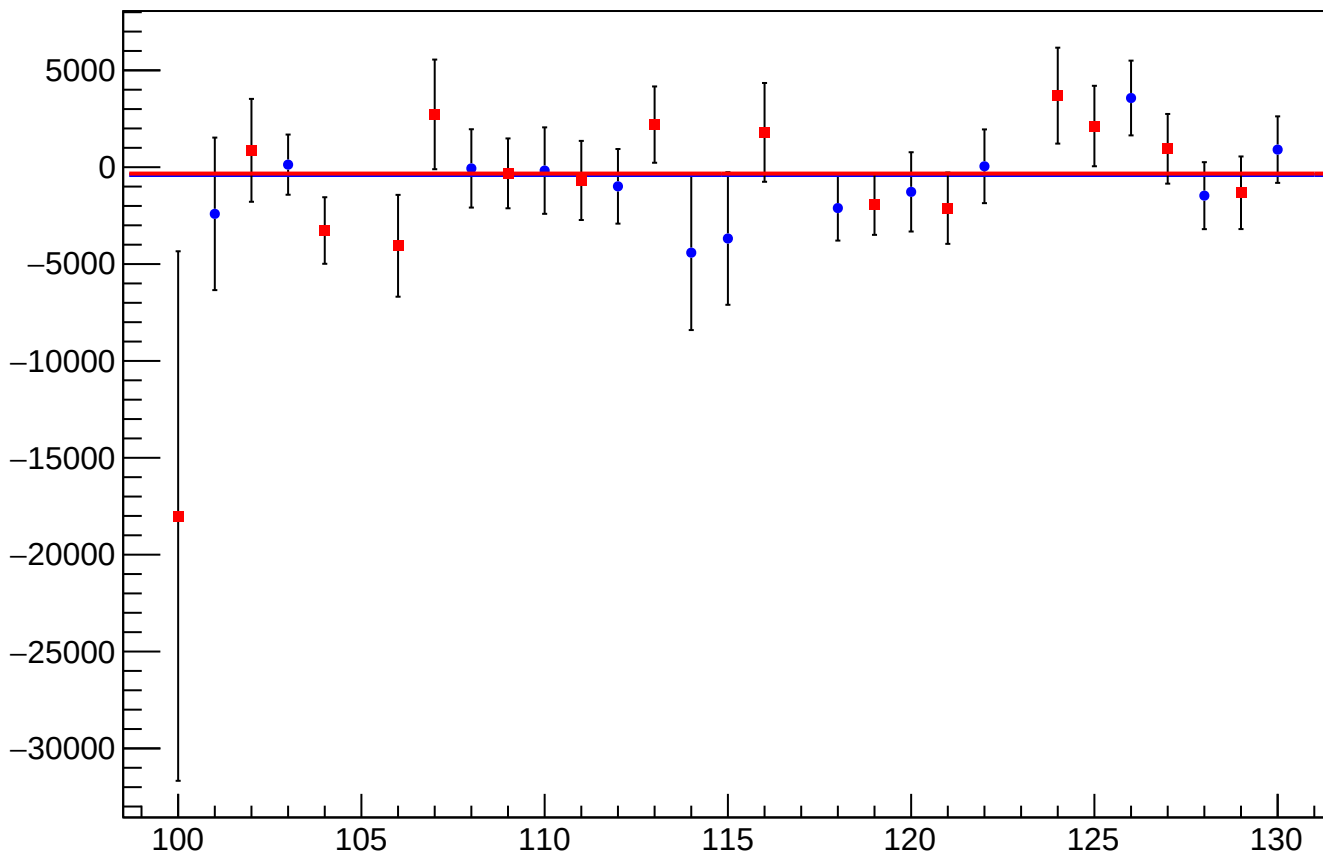
Right: 519.590+/-0.122 χ^2/NDF : 3795661.7/27

In: 546.929+/-0.181 χ^2/NDF :1725354.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 519.590+/-0.122 χ^2/NDF : 3795661.7/27

dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -403.040+/-563.051 χ^2/NDF : 8.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -329.081+/-542.508 χ^2/NDF : 17.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

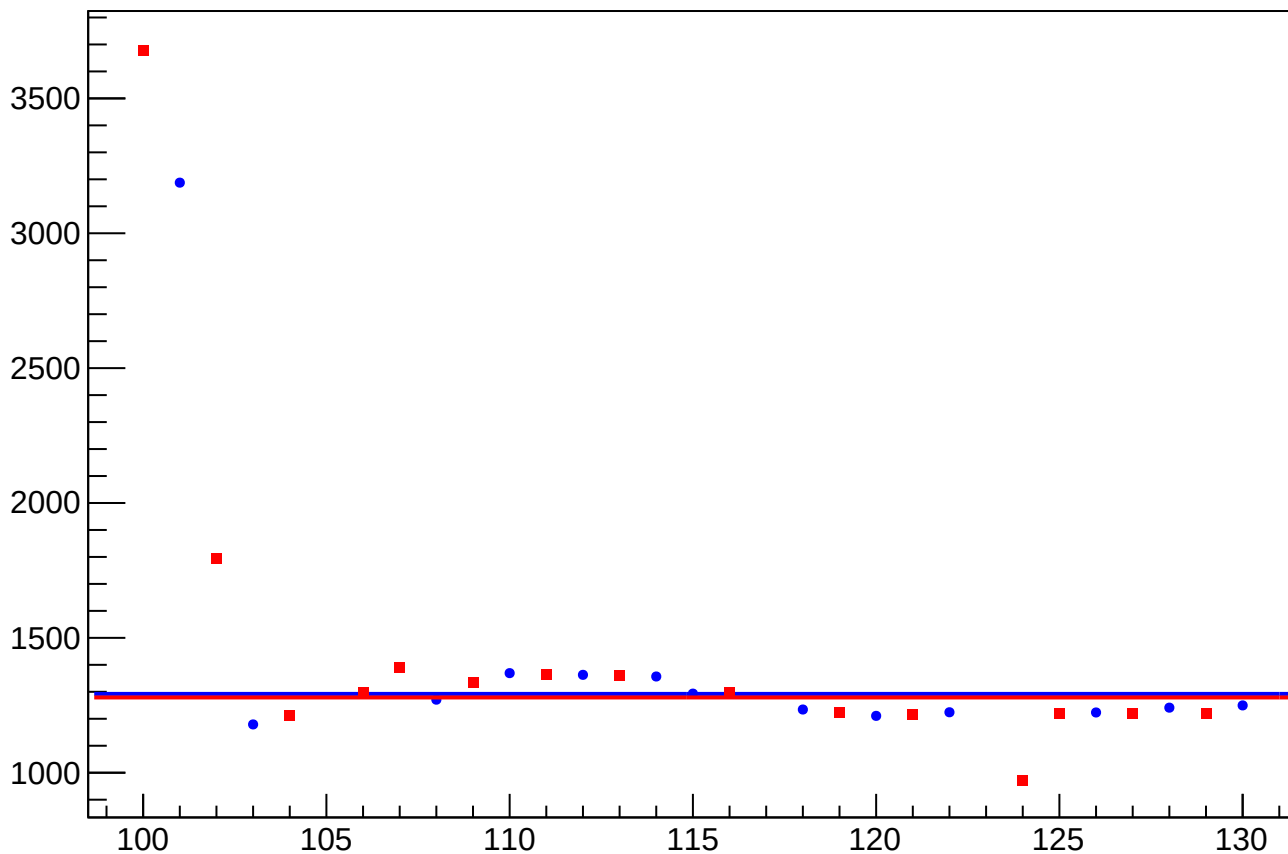
Right: -364.687+/-390.672 χ^2/NDF : 26.0/27

In: -403.040+/-563.051 χ^2/NDF : 8.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -364.687+/-390.672 χ^2/NDF : 26.0/27

dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1292.220+/-0.398 χ^2/NDF : 493836.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1279.005+/-0.384 χ^2/NDF : 193576.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

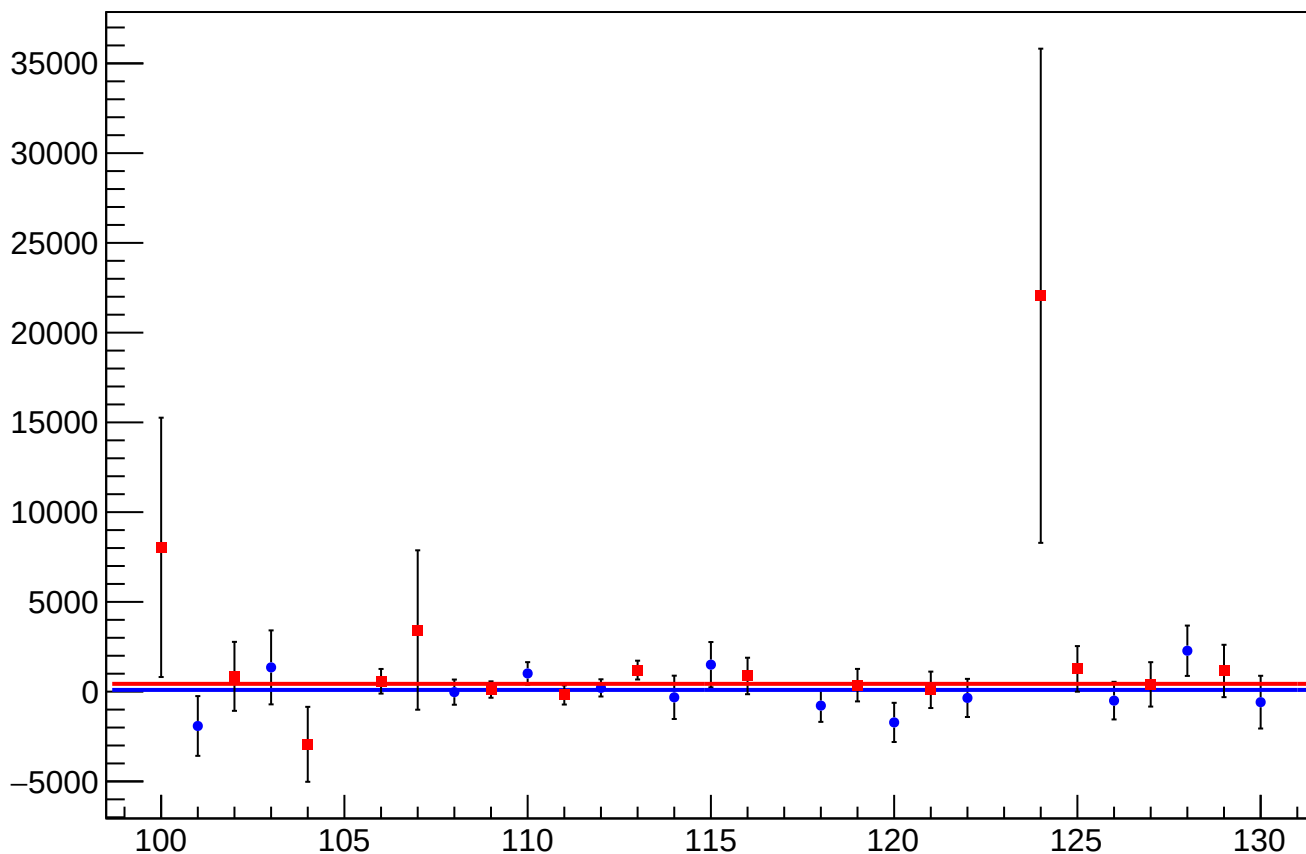
Right: 1285.367+/-0.276 χ^2/NDF : 687983.7/27

In: 1292.220+/-0.398 χ^2/NDF : 493836.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1285.367+/-0.276 χ^2/NDF : 687983.7/27

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 95.786+/-252.827 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 434.382+/-226.197 χ^2/NDF : 11.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

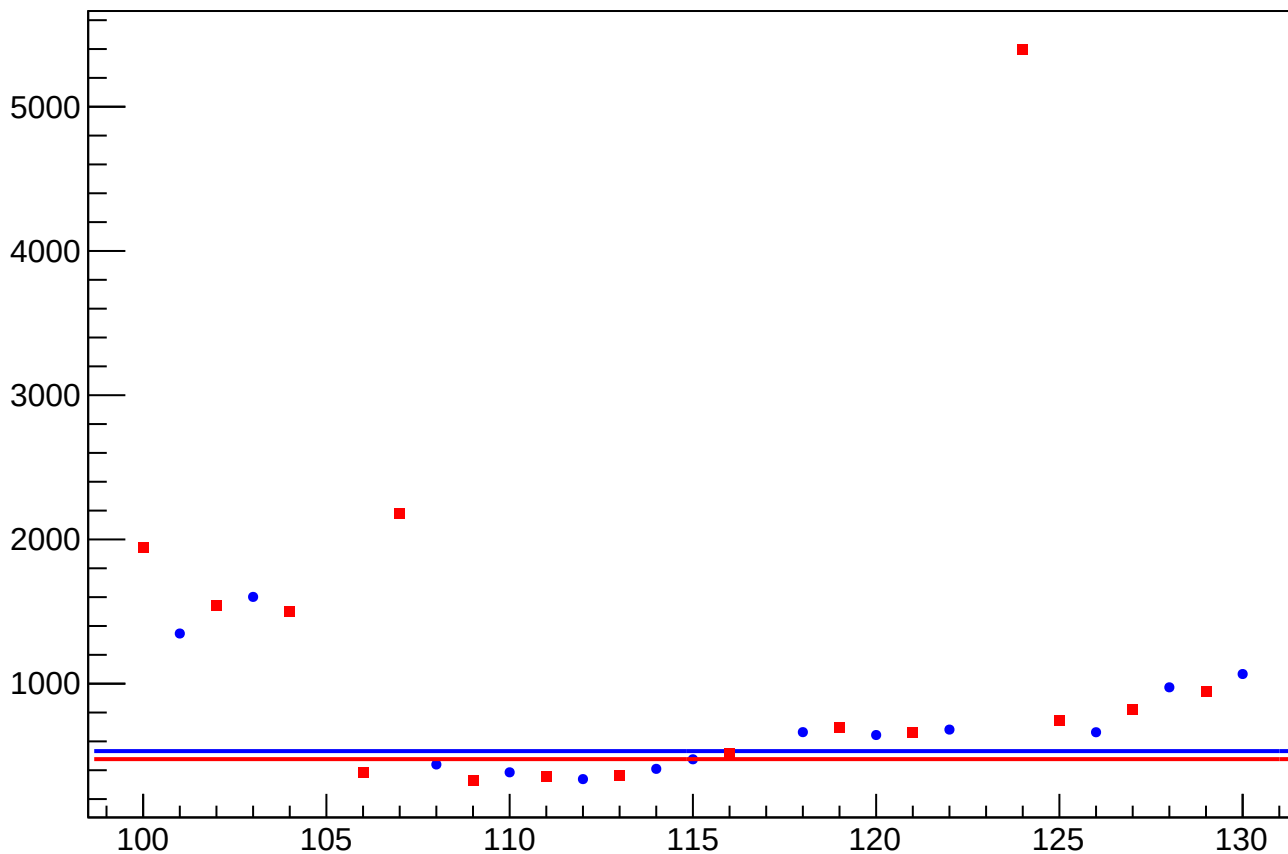
Right: 283.849+/-168.577 χ^2/NDF : 24.9/27

In: 95.786+/-252.827 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 283.849+/-168.577 χ^2/NDF : 24.9/27

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 532.585+/-0.179 χ^2/NDF : 2111777.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 476.921+/-0.160 χ^2/NDF : 2816571.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

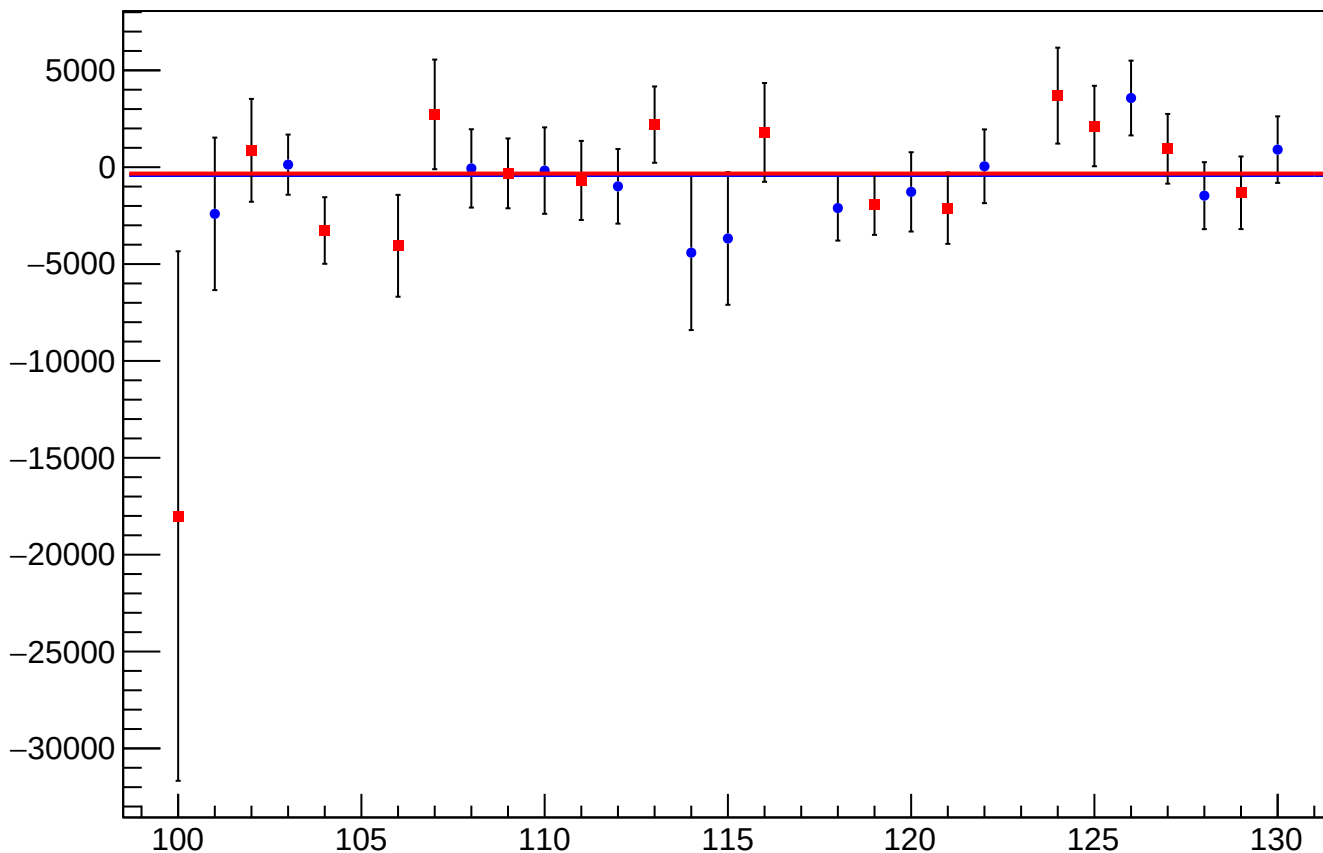
Right: 501.668+/-0.119 χ^2/NDF : 4982195.4/27

In: 532.585+/-0.179 χ^2/NDF : 2111777.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 501.668+/-0.119 χ^2/NDF : 4982195.4/27

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -403.040+/-563.051 χ^2/NDF : 8.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -329.081+/-542.508 χ^2/NDF : 17.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

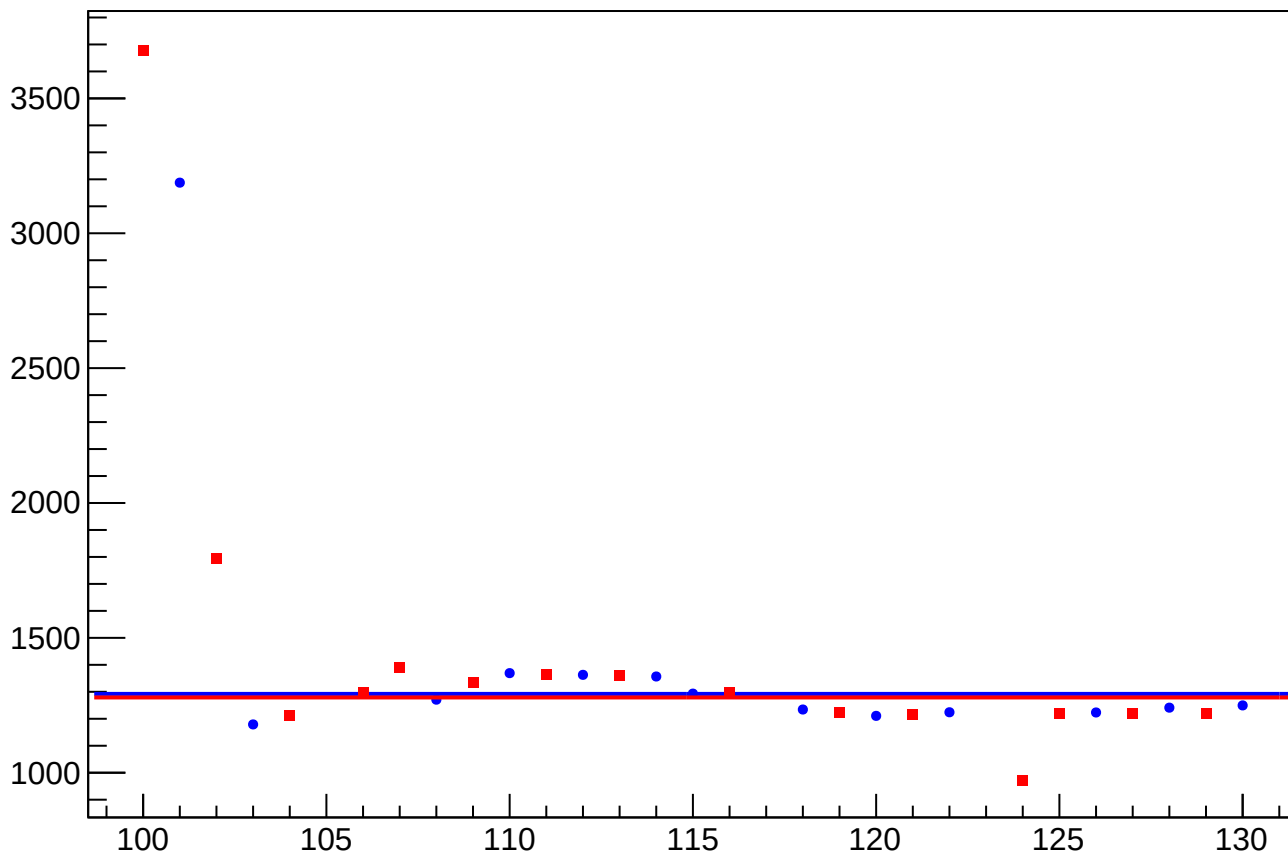
Right: -364.687+/-390.672 χ^2/NDF : 26.0/27

In: -403.040+/-563.051 χ^2/NDF : 8.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -364.687+/-390.672 χ^2/NDF : 26.0/27

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1292.220+/-0.398 χ^2/NDF : 493836.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1279.005+/-0.384 χ^2/NDF : 193576.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

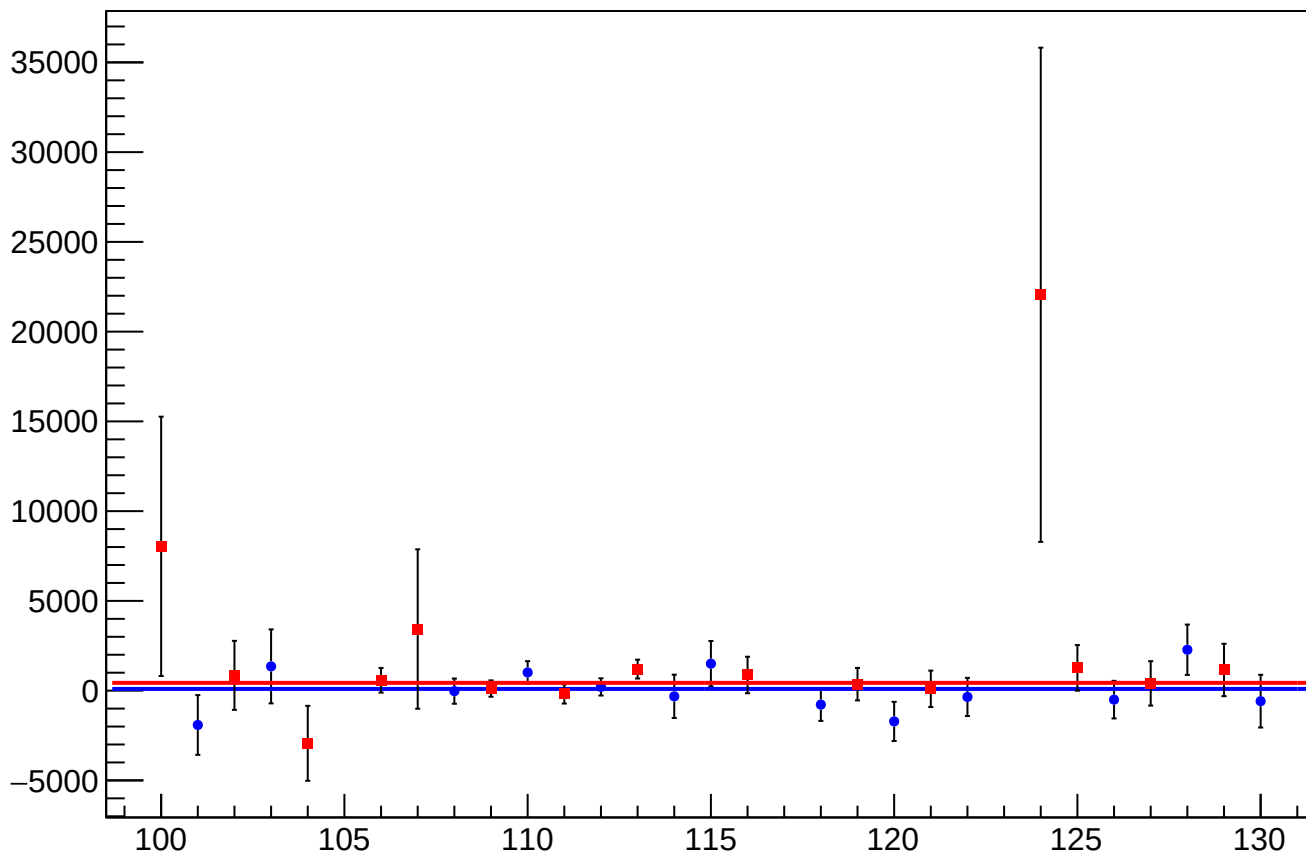
Right: 1285.367+/-0.276 χ^2/NDF : 687984.0/27

In: 1292.220+/-0.398 χ^2/NDF : 493836.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1285.367+/-0.276 χ^2/NDF : 687984.0/27

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 95.787+/-252.825 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 434.380+/-226.196 χ^2/NDF : 11.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

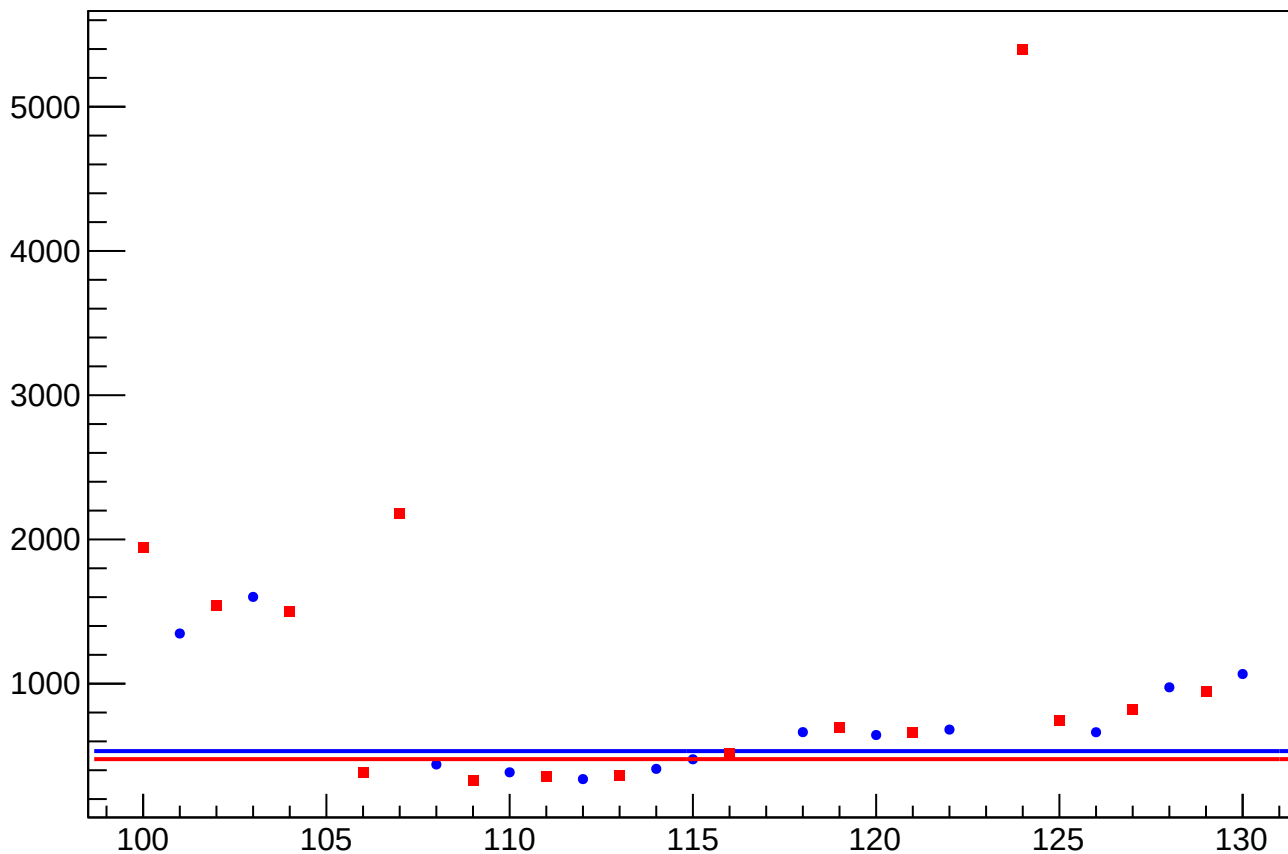
Right: 283.848+/-168.576 χ^2/NDF : 24.9/27

In: 95.787+/-252.825 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 283.848+/-168.576 χ^2/NDF : 24.9/27

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 532.582+/-0.179 χ^2/NDF : 2111781.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 476.919+/-0.160 χ^2/NDF : 2816577.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

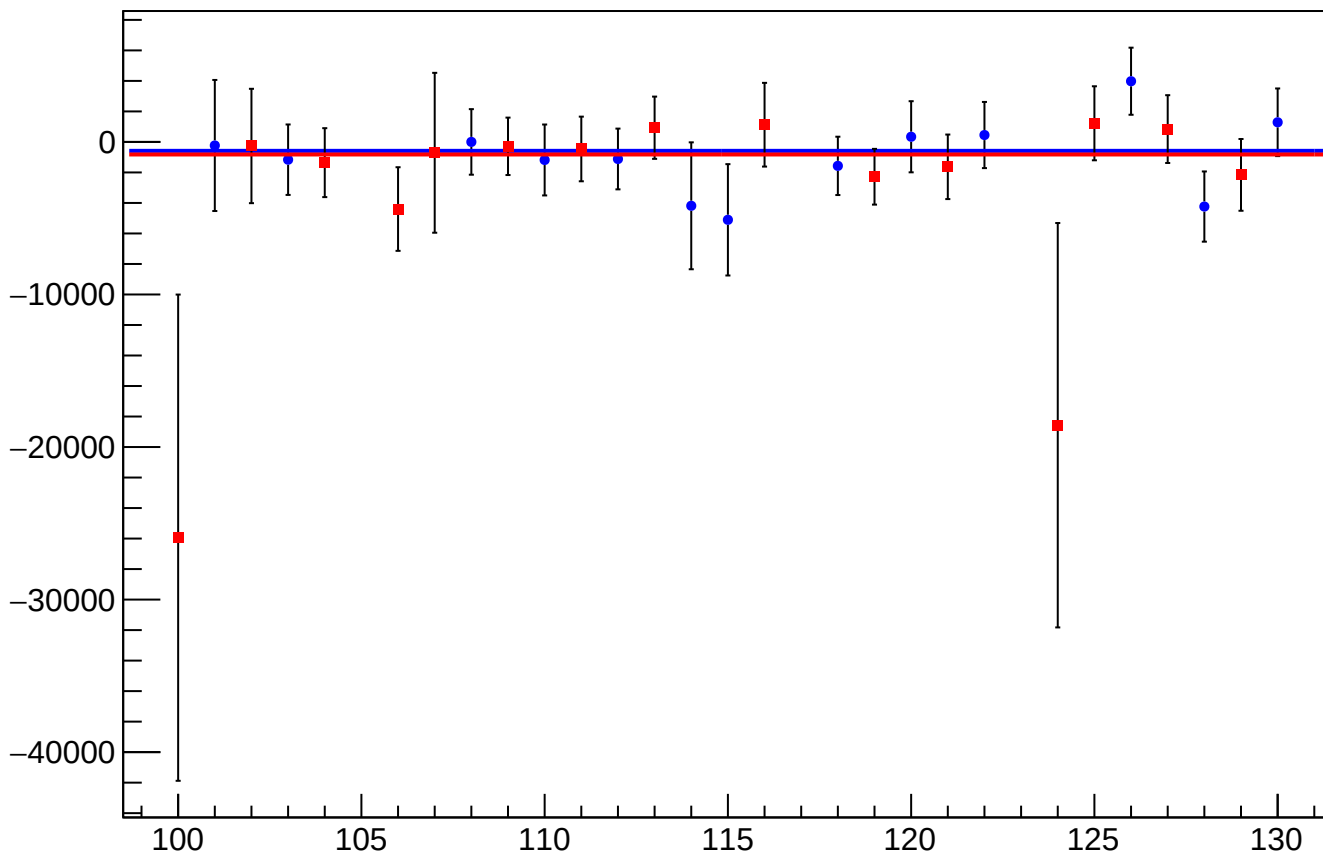
Right: 501.666+/-0.119 χ^2/NDF : 4982203.2/27

In: 532.582+/-0.179 χ^2/NDF : 2111781.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 501.666+/-0.119 χ^2/NDF : 4982203.2/27

asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -584.343+/-659.699 χ^2 /NDF: 10.8/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -822.846+/-645.388 χ^2 /NDF: 9.8/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

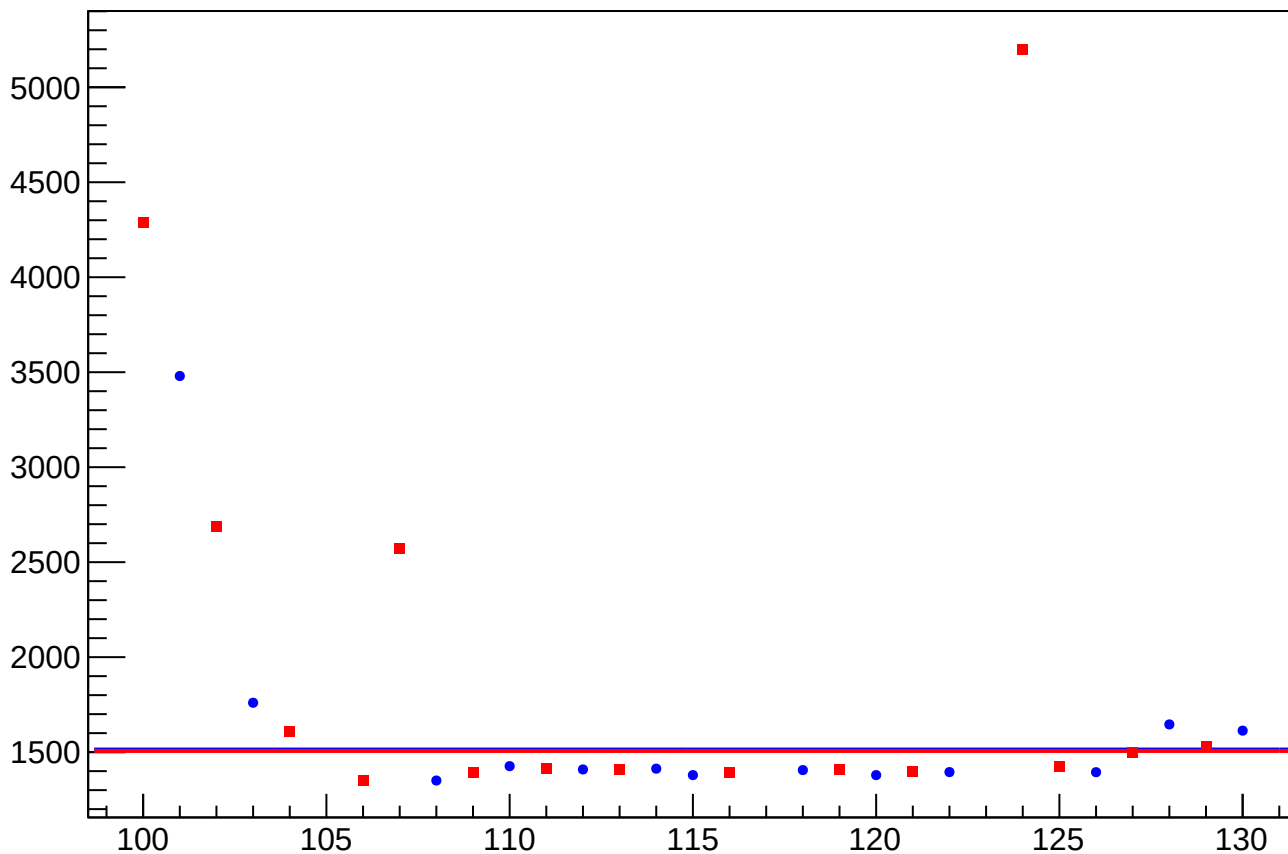
Right: -706.209+/-461.335 χ^2 /NDF: 20.6/27

In: -584.343+/-659.699 χ^2 /NDF:10.8/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -706.209+/-461.335 χ^2 /NDF: 20.6/27

asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1513.636+/-0.466 χ^2/NDF : 501118.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1506.263+/-0.456 χ^2/NDF : 539818.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

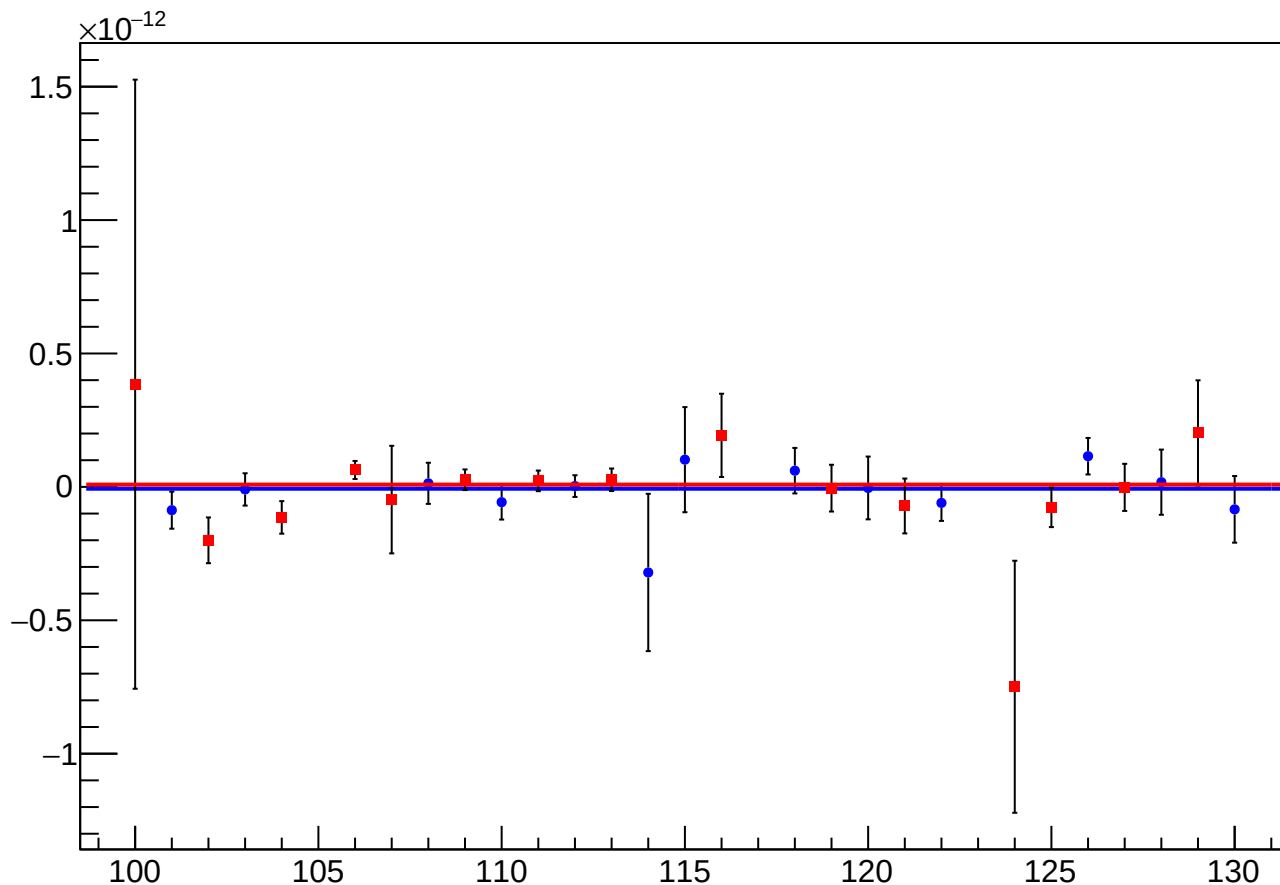
Right: 1509.869+/-0.326 χ^2/NDF : 1041063.8/27

In: 1513.636+/-0.466 χ^2/NDF : 501118.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1509.869+/-0.326 χ^2/NDF : 1041063.8/27

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_slug_sign_corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 20.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

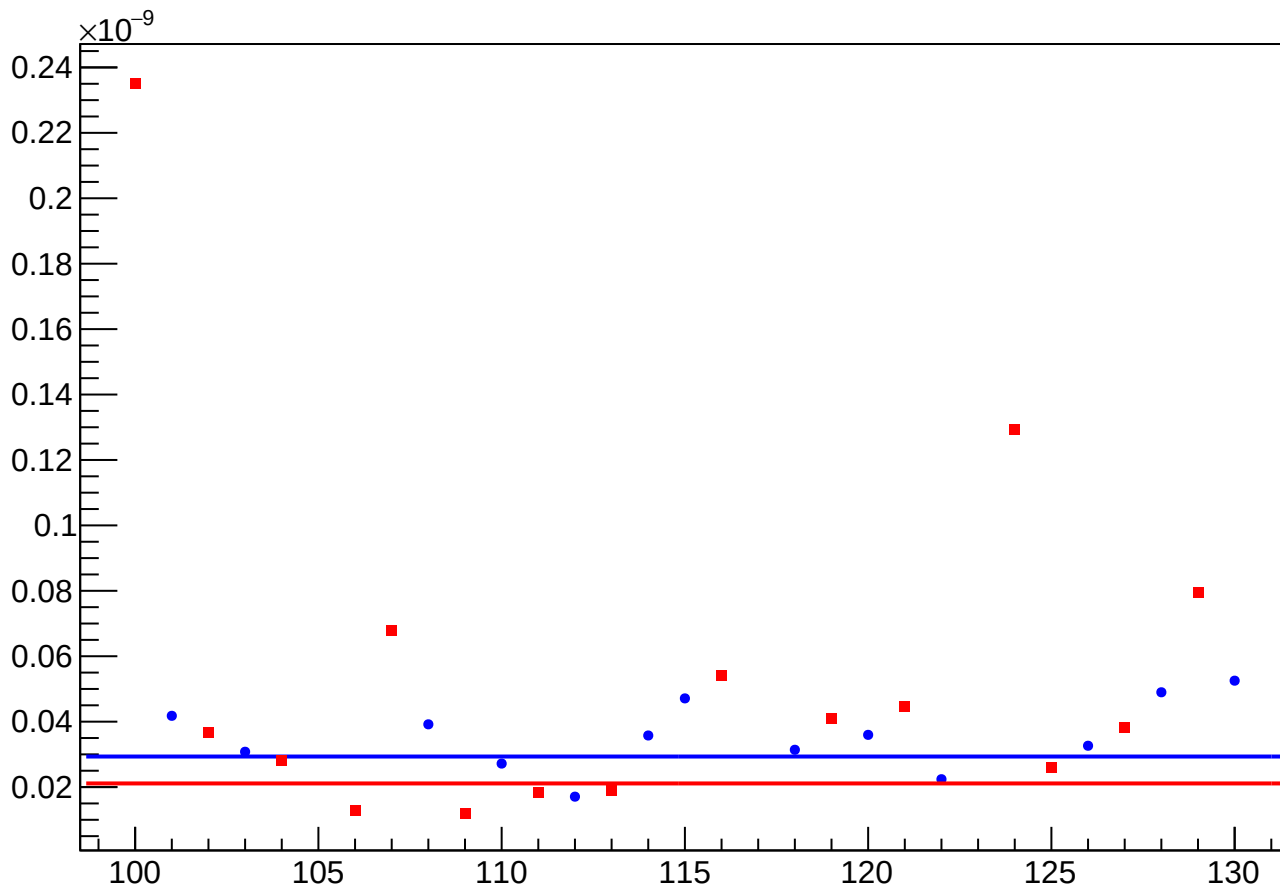
Right: 0.000+/-0.000 χ^2/NDF : 28.9/27

In: -0.000+/-0.000 χ^2/NDF : 8.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.9/27

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 453057.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1182877.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

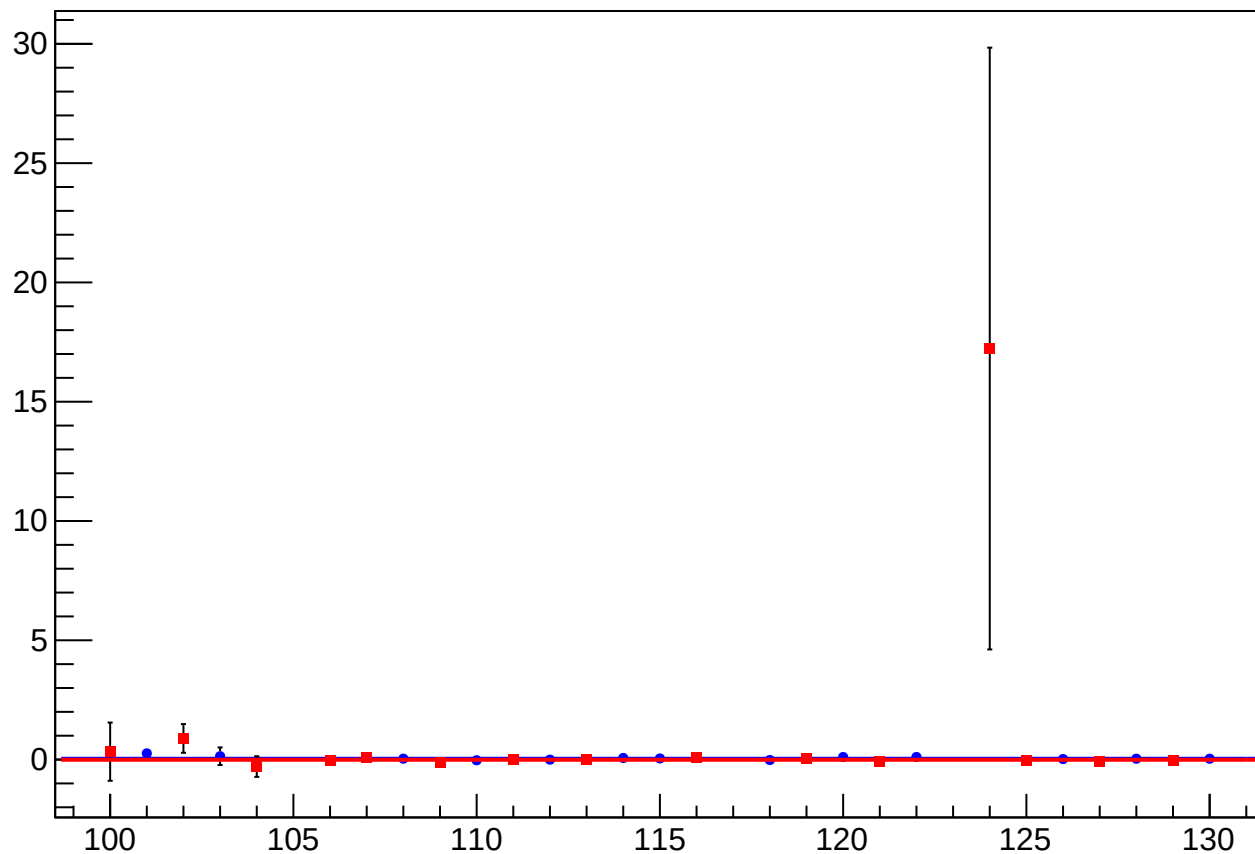
Right: 0.000+/-0.000 χ^2/NDF : 1829895.4/27

In: 0.000+/-0.000 χ^2/NDF : 453057.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1829895.4/27

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.019 χ^2/NDF : 8.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.019 χ^2/NDF : 14.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

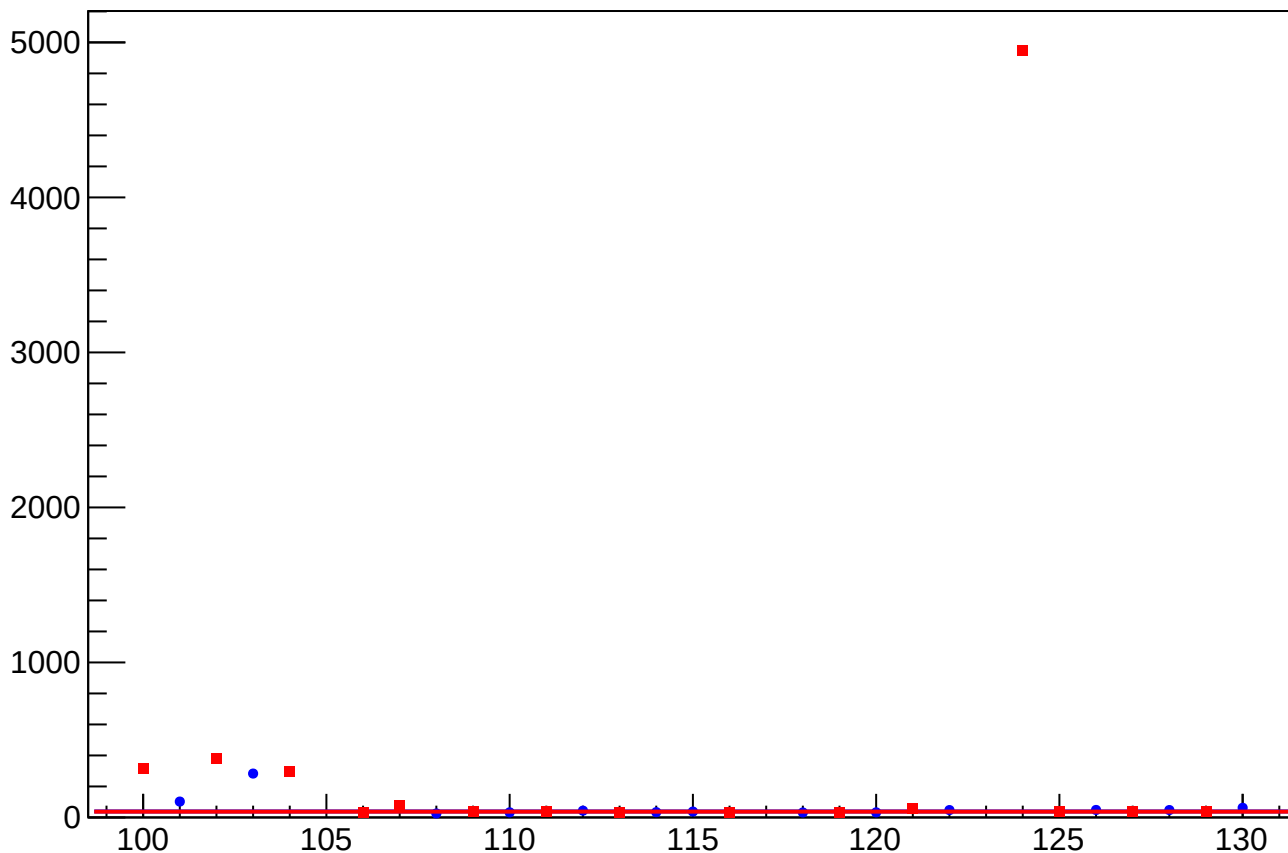
Right: 0.012+/-0.013 χ^2/NDF : 25.5/27

In: 0.033+/-0.019 χ^2/NDF : 8.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.013 χ^2/NDF : 25.5/27

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.749+/-0.013 χ^2/NDF : 1825561.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.587+/-0.013 χ^2/NDF : 2065669.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

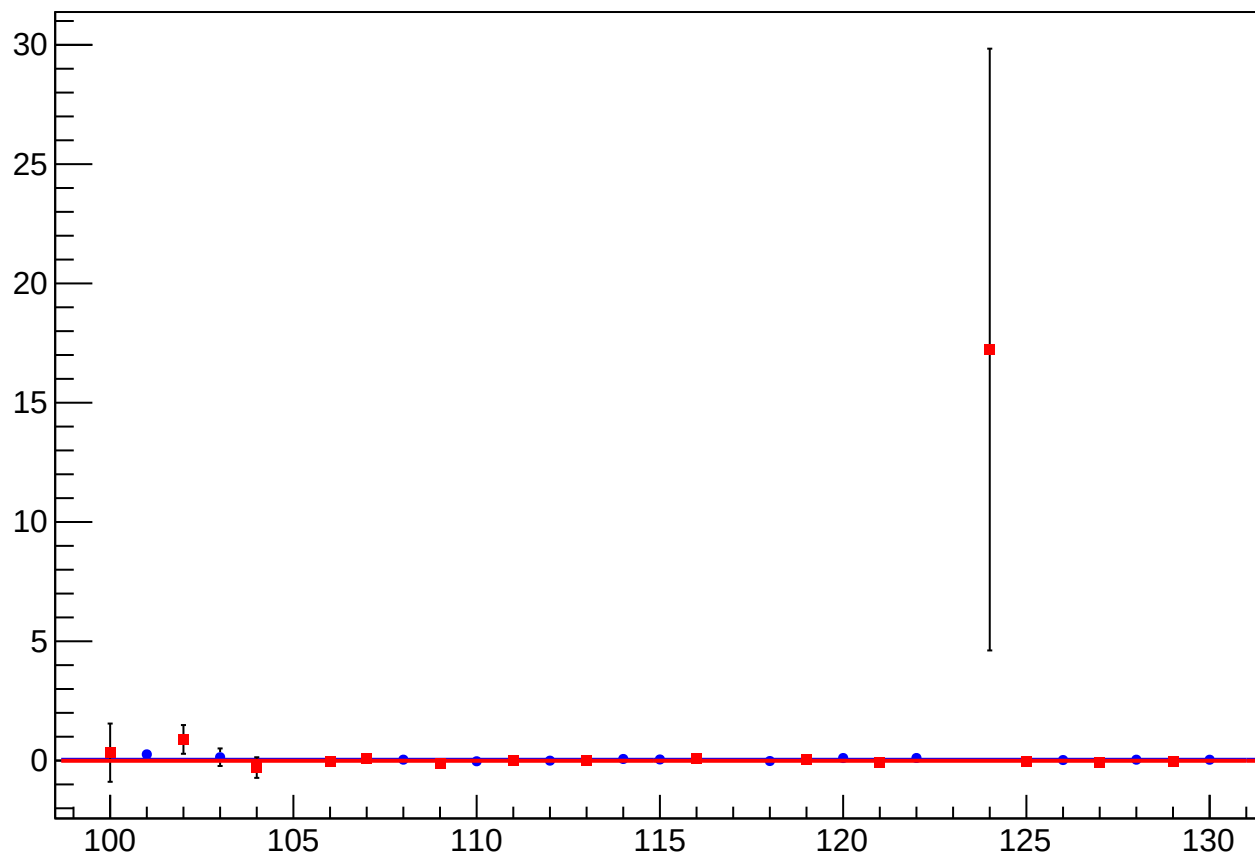
Right: 38.158+/-0.009 χ^2/NDF : 3895016.1/27

In: 38.749+/-0.013 χ^2/NDF : 1825561.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.158+/-0.009 χ^2/NDF : 3895016.1/27

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.019 χ^2/NDF : 8.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.019 χ^2/NDF : 14.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

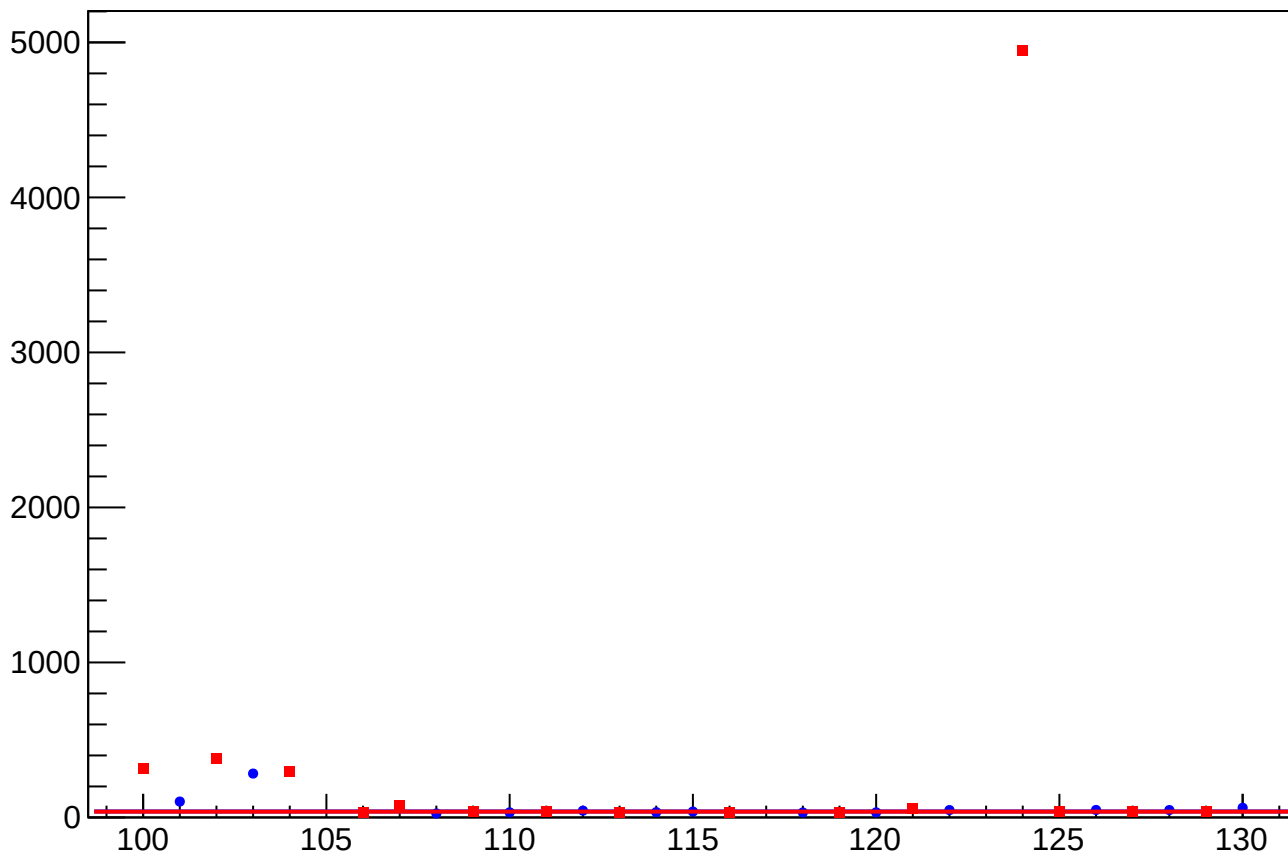
Right: 0.012+/-0.013 χ^2/NDF : 25.5/27

In: 0.033+/-0.019 χ^2/NDF : 8.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.013 χ^2/NDF : 25.5/27

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.749 $\pm$ 0.013 χ^2 /NDF: 1825561.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 37.587 $\pm$ 0.013 χ^2 /NDF: 2065669.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

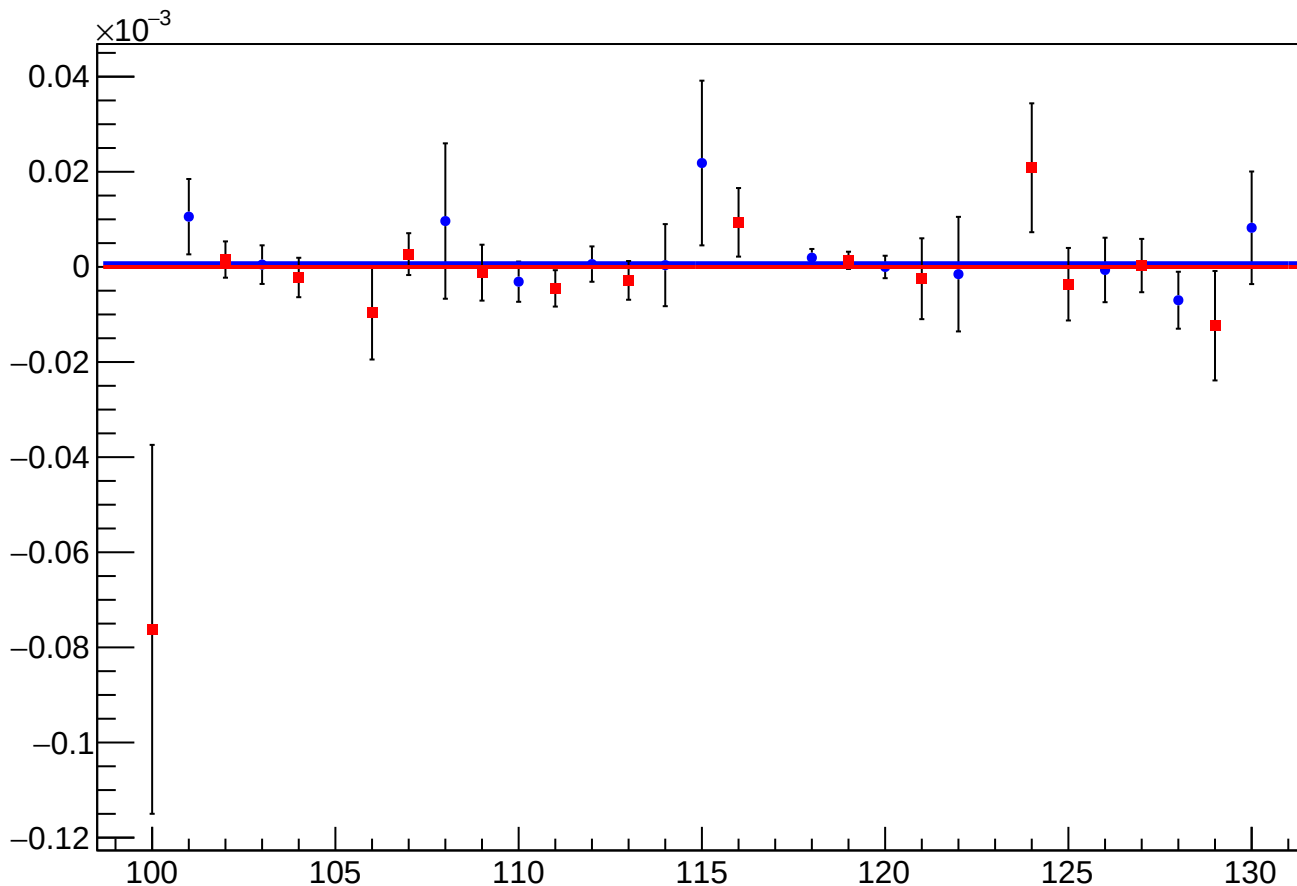
Right: 38.158 $\pm$ 0.009 χ^2 /NDF: 3895016.1/27

In: 38.749 $\pm$ 0.013 χ^2 /NDF: 1825561.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 38.158 $\pm$ 0.009 χ^2 /NDF: 3895016.1/27

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

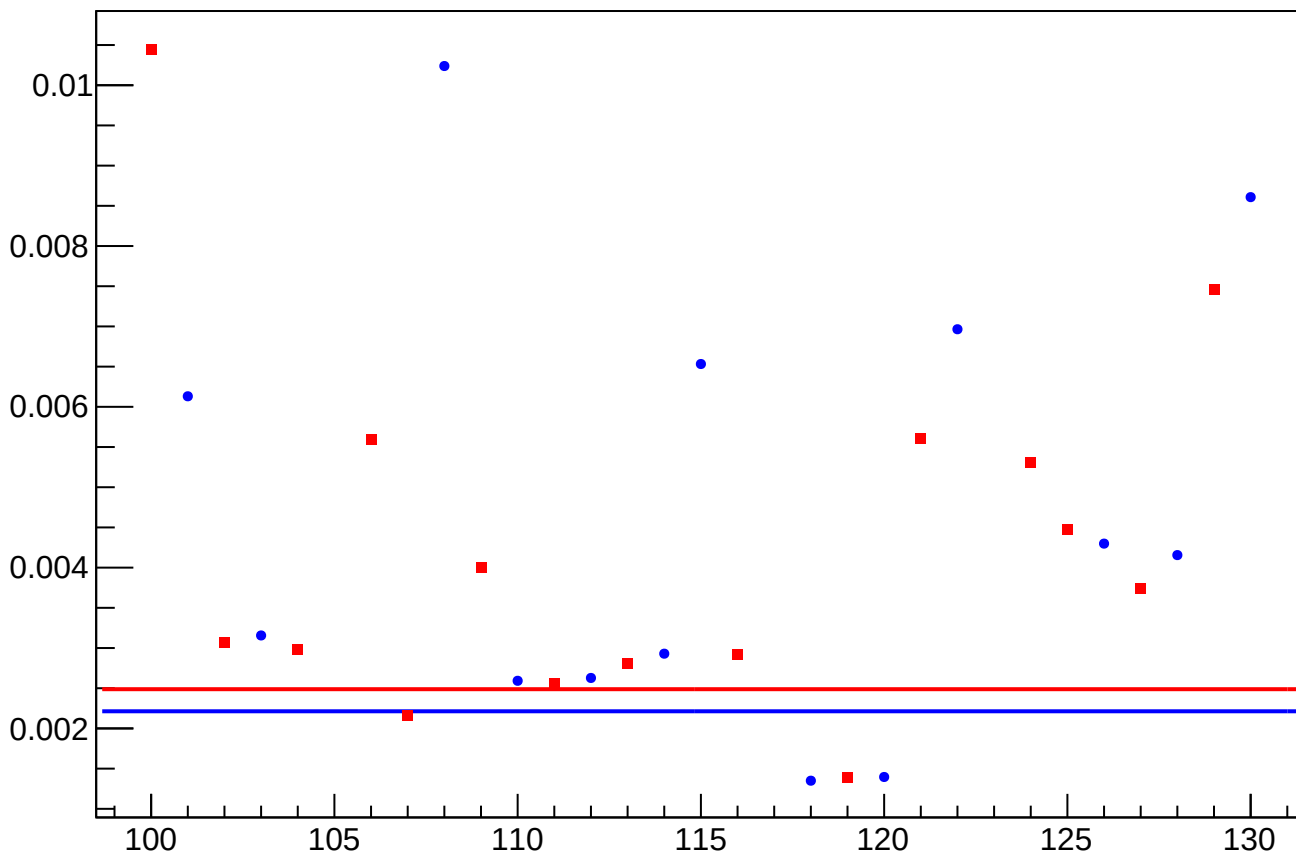
Right: 0.000+/-0.000 χ^2/NDF : 20.8/27

In: 0.000+/-0.000 χ^2/NDF : 6.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.8/27

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 3235633.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2223739.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

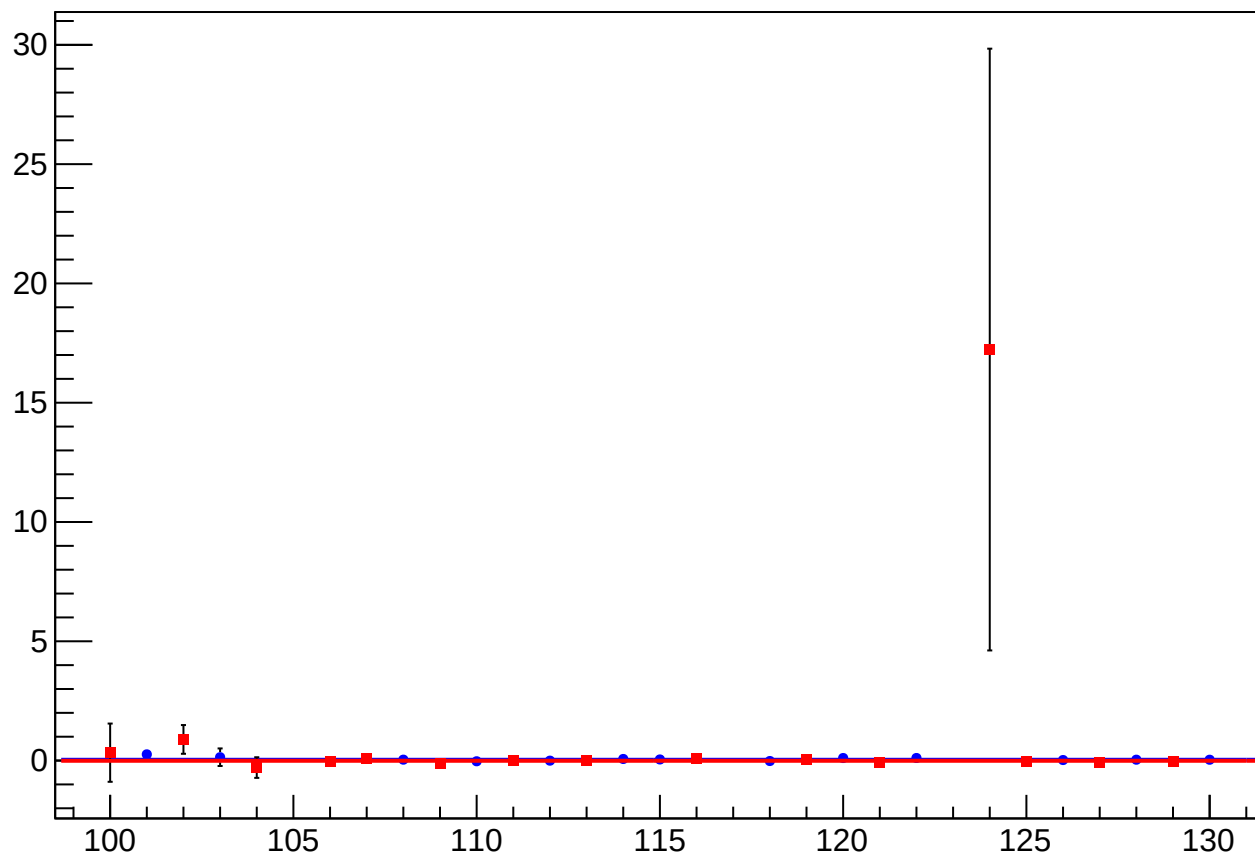
Right: 0.002+/-0.000 χ^2/NDF : 5516502.6/27

In: 0.002+/-0.000 χ^2/NDF :3235633.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5516502.6/27

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.019 χ^2/NDF : 8.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.019 χ^2/NDF : 14.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

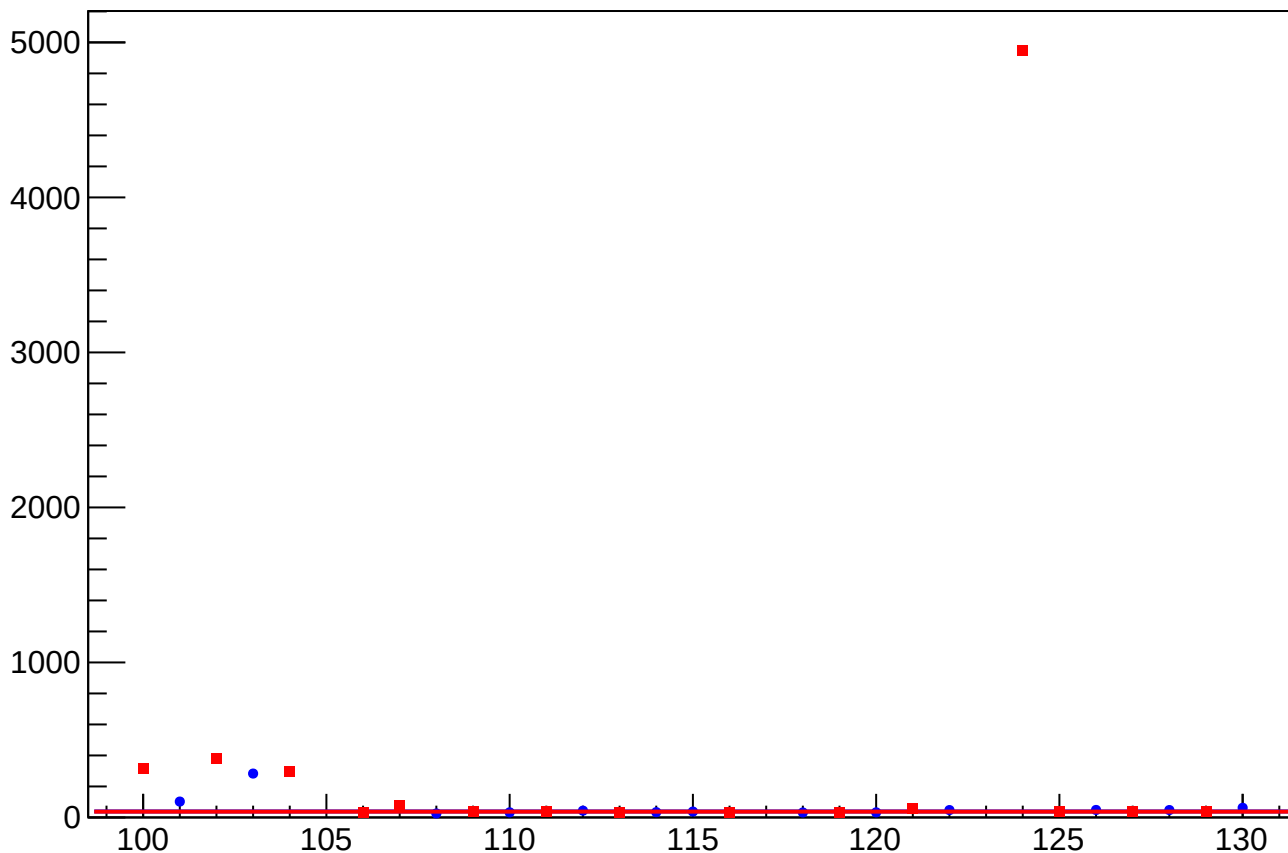
Right: 0.012+/-0.013 χ^2/NDF : 25.5/27

In: 0.033+/-0.019 χ^2/NDF : 8.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.013 χ^2/NDF : 25.5/27

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.749+/-0.013 χ^2/NDF : 1825423.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.586+/-0.013 χ^2/NDF : 2065660.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

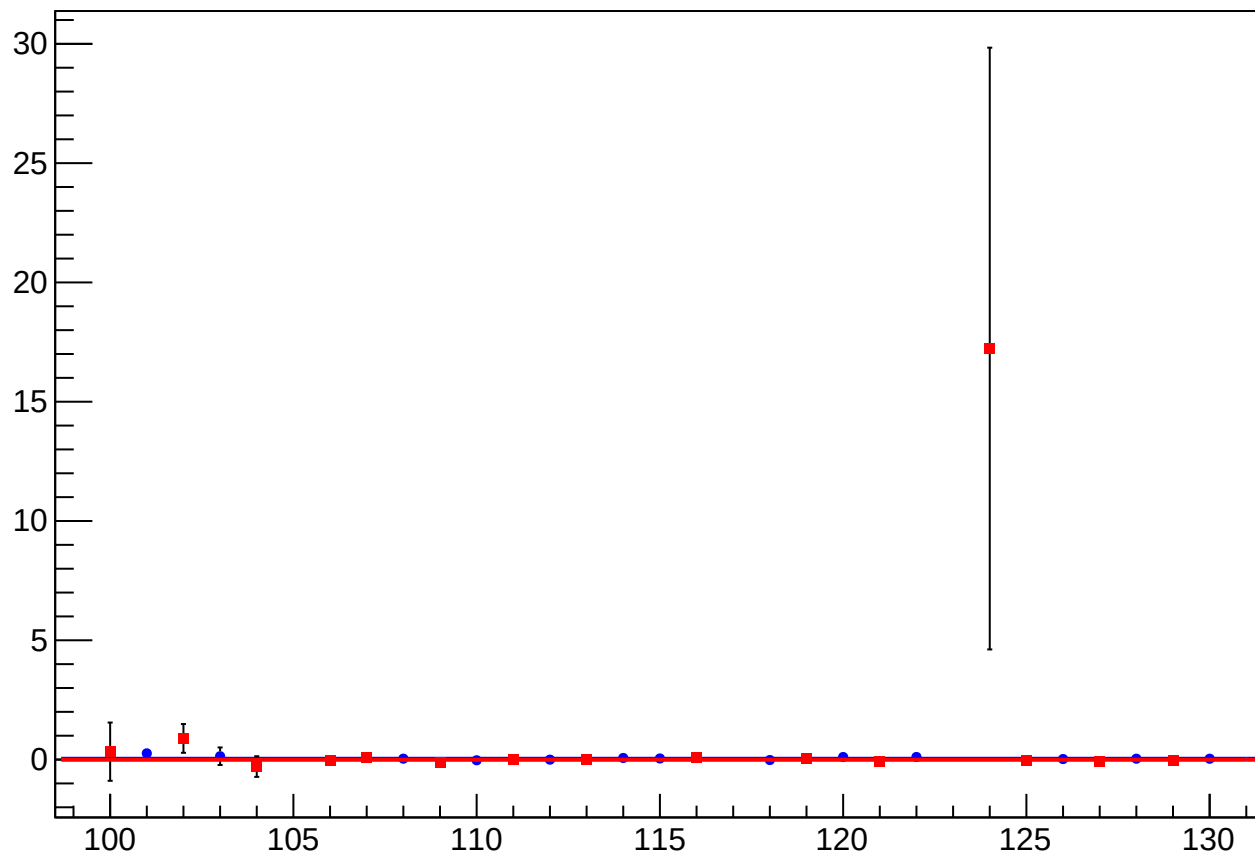
Right: 38.158+/-0.009 χ^2/NDF : 3894877.0/27

In: 38.749+/-0.013 χ^2/NDF : 1825423.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.158+/-0.009 χ^2/NDF : 3894877.0/27

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.019 χ^2/NDF : 8.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.009+/-0.019 χ^2/NDF : 14.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

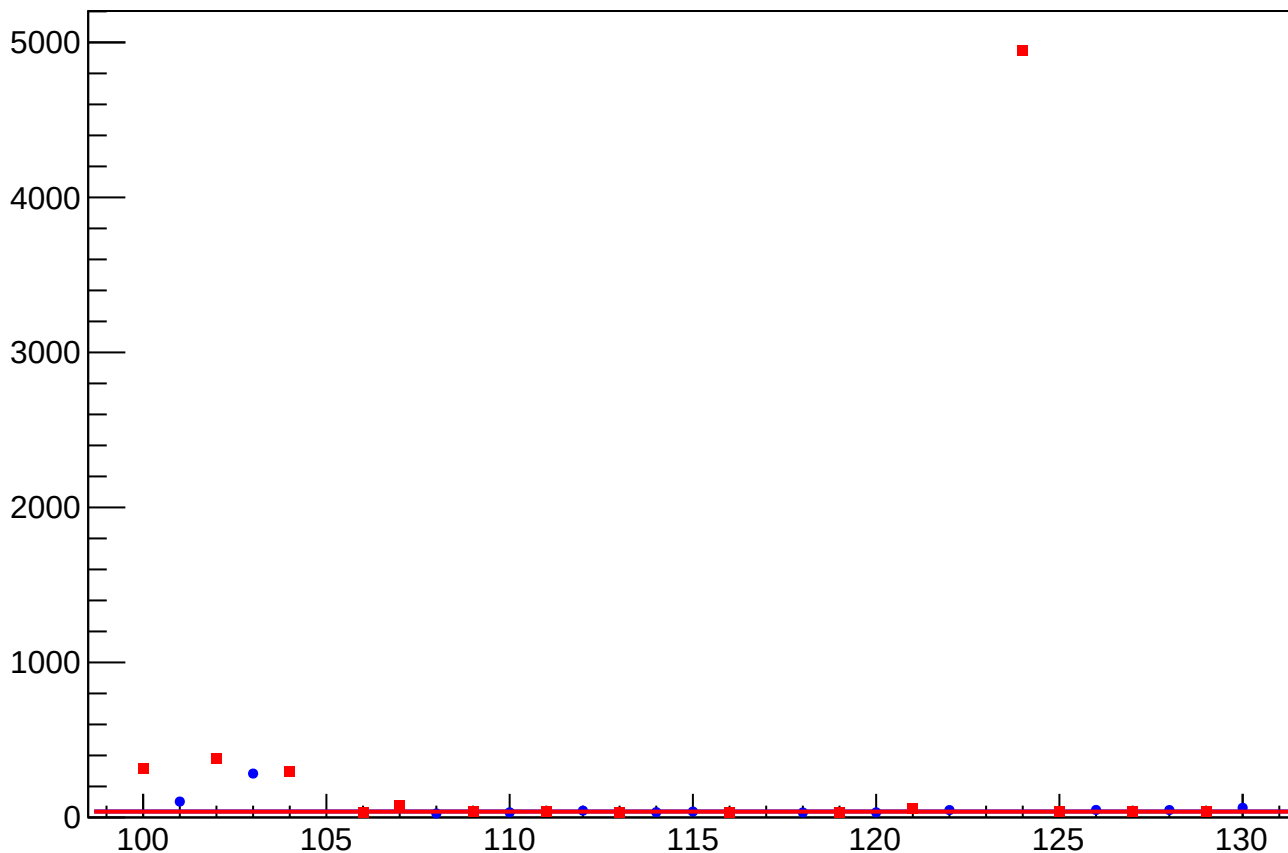
Right: 0.012+/-0.013 χ^2/NDF : 25.5/27

In: 0.033+/-0.019 χ^2/NDF :8.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.013 χ^2/NDF : 25.5/27

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.749+/-0.013 χ^2/NDF : 1825423.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.586+/-0.013 χ^2/NDF : 2065660.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

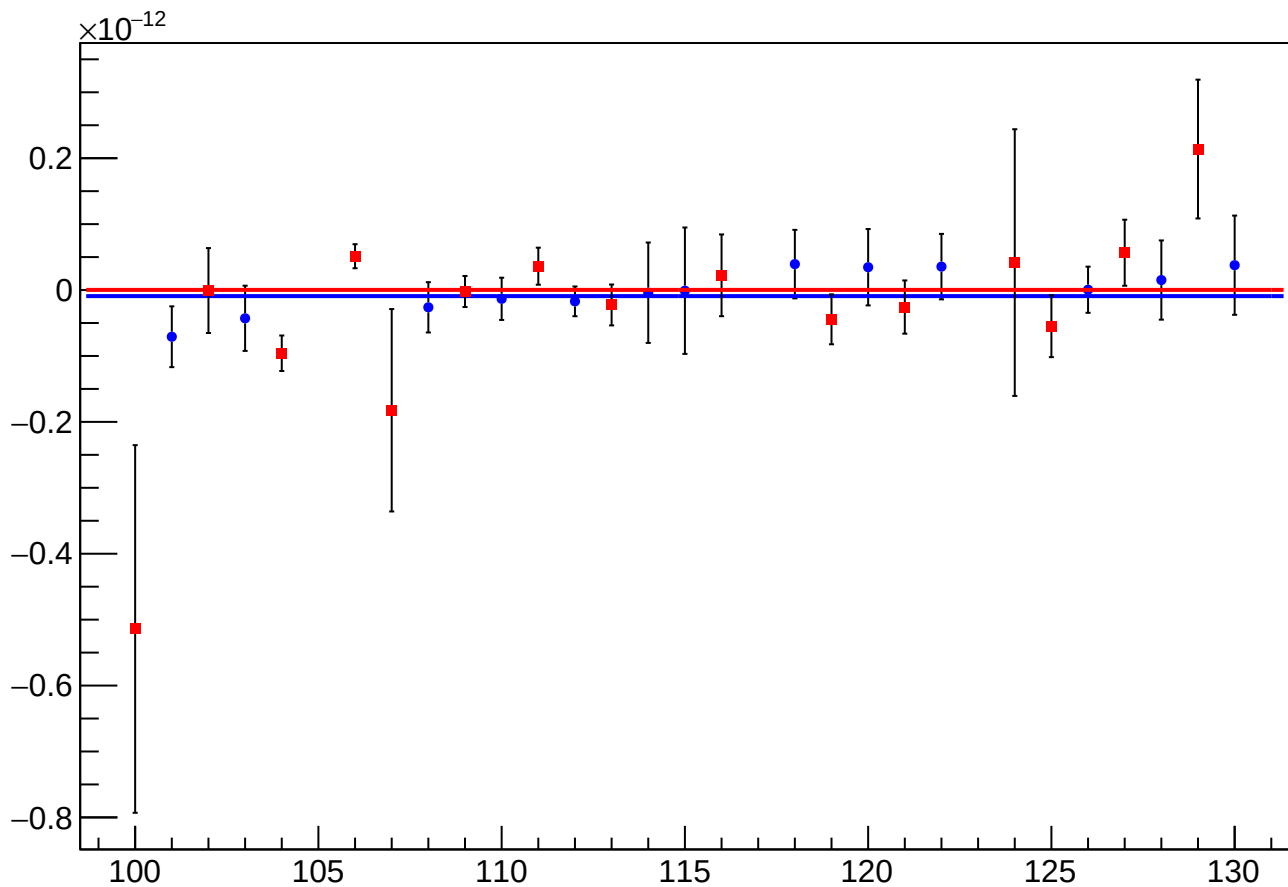
Right: 38.158+/-0.009 χ^2/NDF : 3894877.0/27

In: 38.749+/-0.013 χ^2/NDF : 1825423.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.158+/-0.009 χ^2/NDF : 3894877.0/27

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 5.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 36.4/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

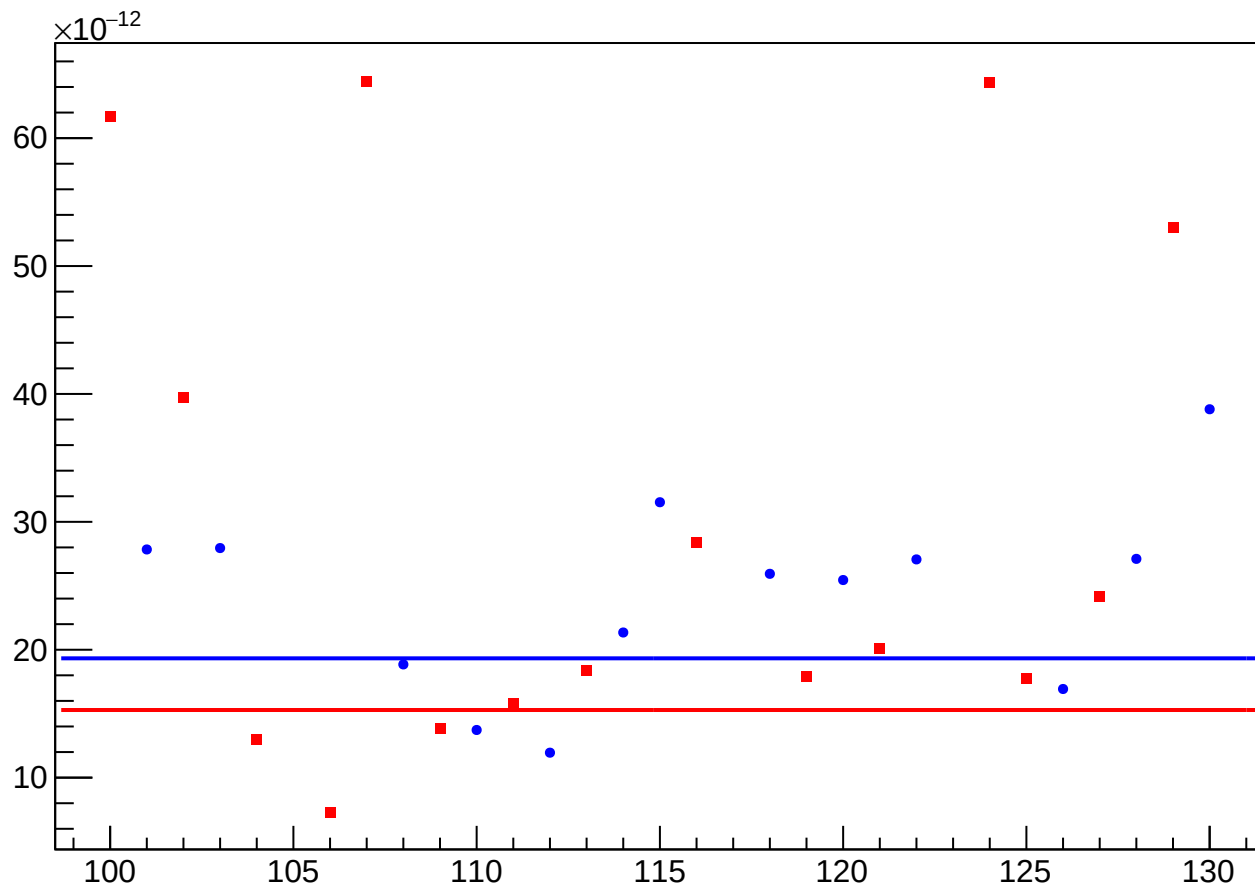
Right: -0.000 ± 0.000 χ^2/NDF : 42.2/27

In: -0.000 ± 0.000 χ^2/NDF : 5.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 42.2/27

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 717687.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1550145.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

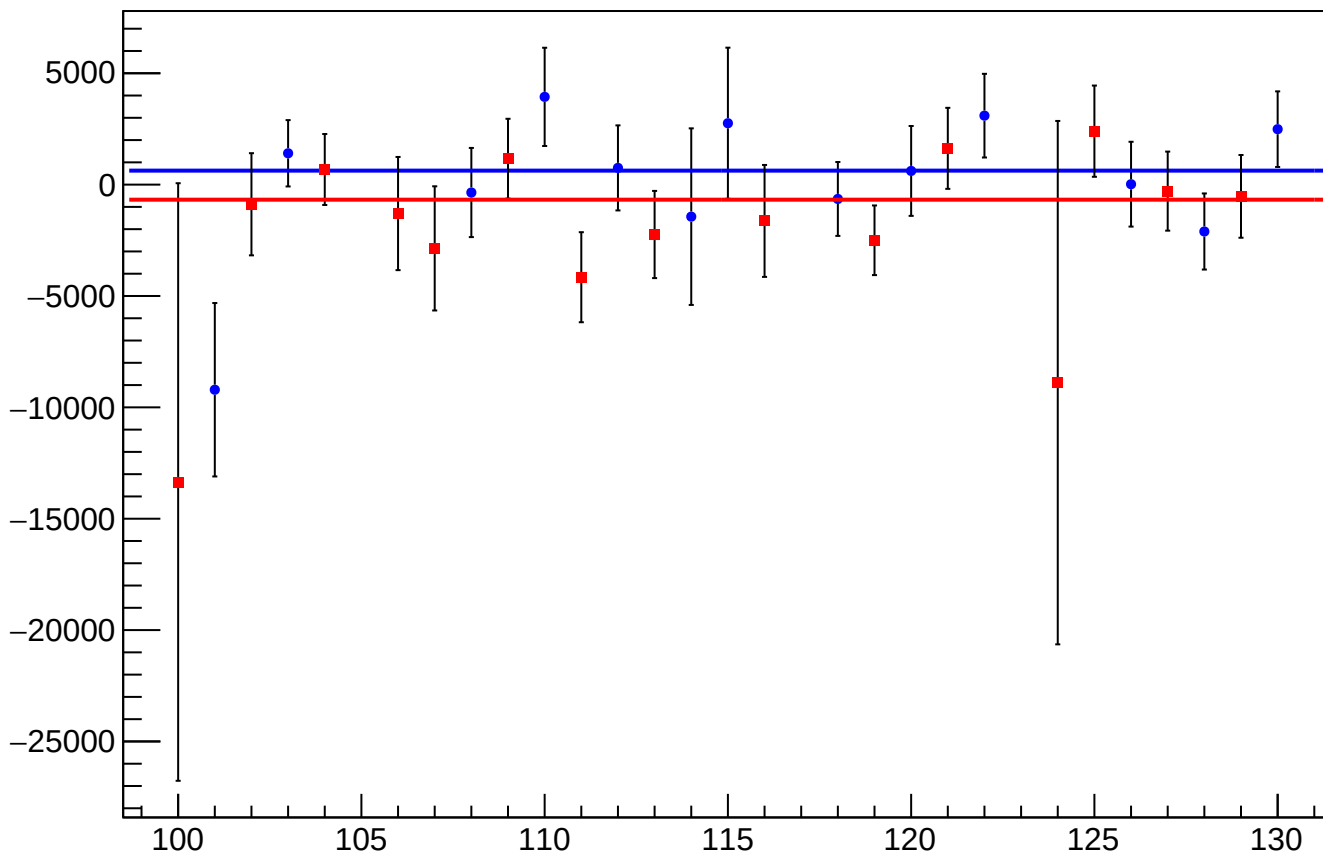
Right: 0.000+/-0.000 χ^2/NDF : 2410683.5/27

In: 0.000+/-0.000 χ^2/NDF : 717687.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2410683.5/27

reg_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 628.500+/-554.270 χ^2/NDF : 16.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -676.237+/-541.250 χ^2/NDF : 12.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

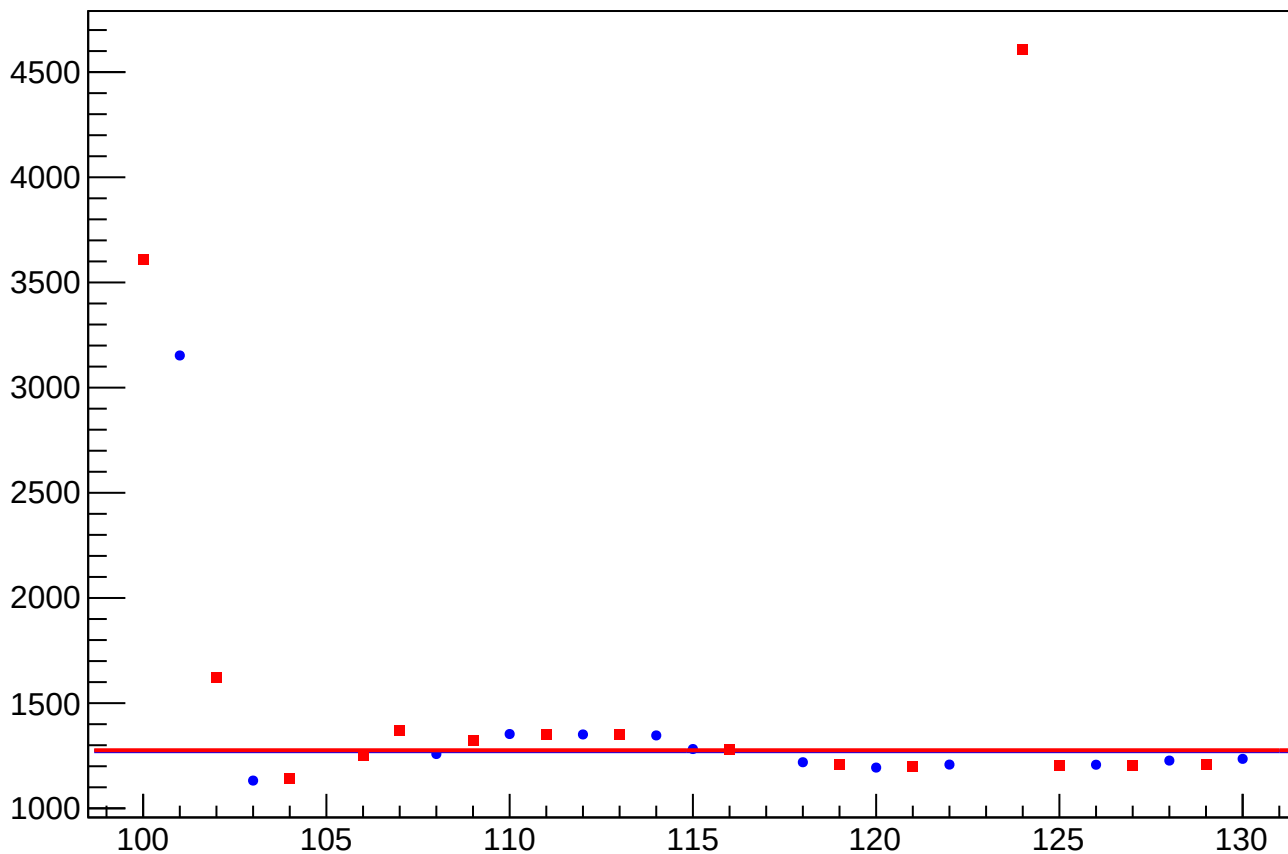
Right: -39.373+/-387.243 χ^2/NDF : 31.7/27

In: 628.500+/-554.270 χ^2/NDF : 16.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.373+/-387.243 χ^2/NDF : 31.7/27

reg_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1271.666+/-0.392 χ^2/NDF : 503495.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1276.045+/-0.383 χ^2/NDF : 307545.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

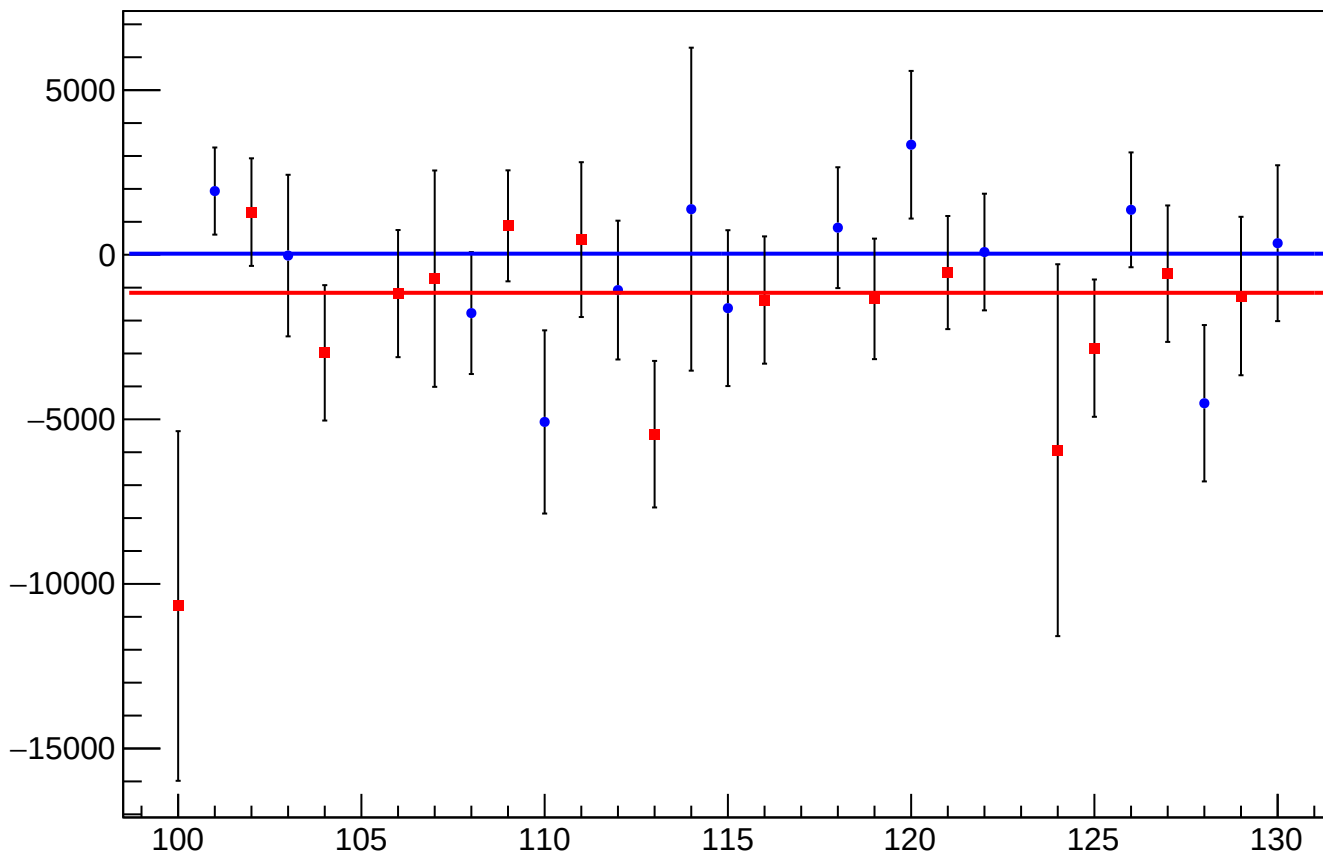
Right: 1273.907+/-0.274 χ^2/NDF : 811104.1/27

In: 1271.666+/-0.392 χ^2/NDF : 503495.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1273.907+/-0.274 χ^2/NDF : 811104.1/27

asym_at1_dd_at2_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 32.145+/-567.884 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1156.433+/-549.435 χ^2/NDF : 13.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

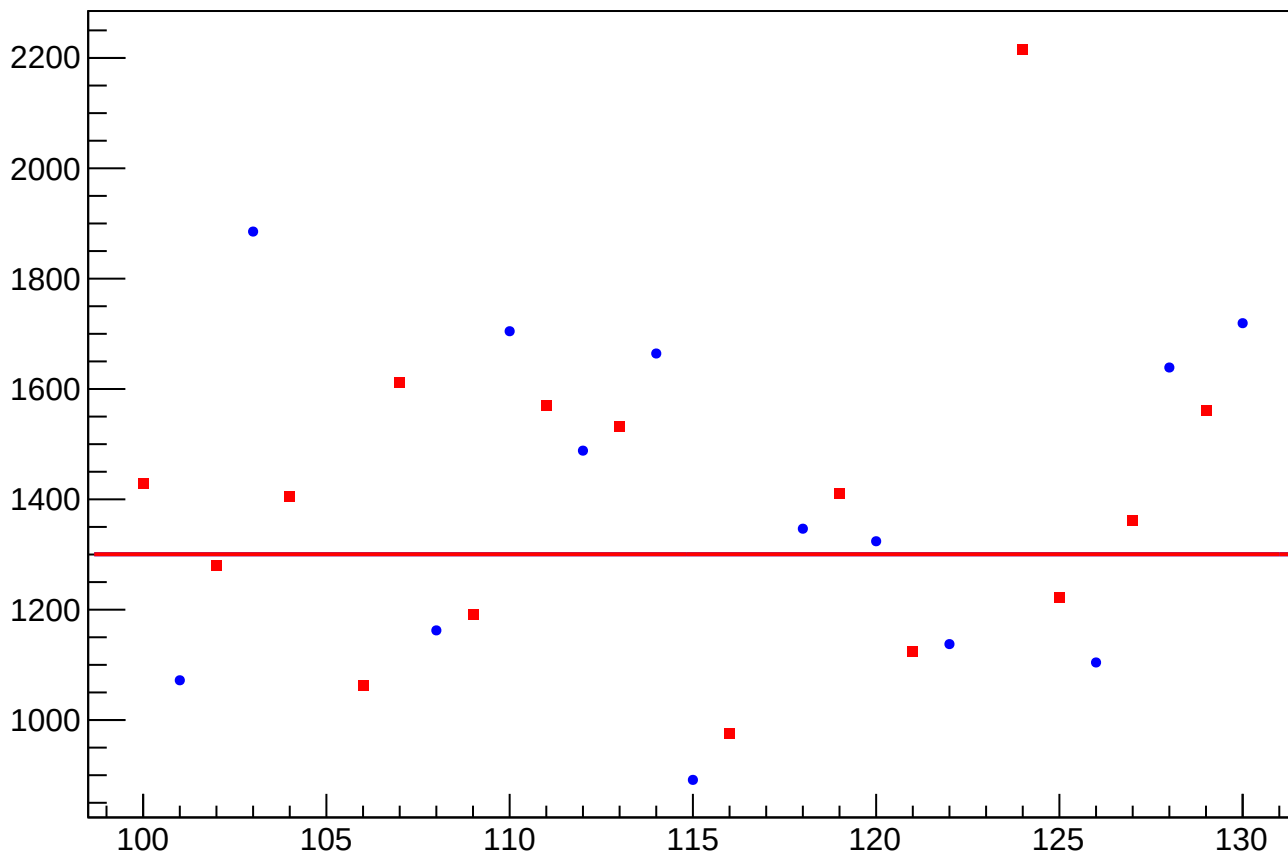
Right: -581.763+/-394.870 χ^2/NDF : 29.6/27

In: 32.145+/-567.884 χ^2/NDF : 13.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -581.763+/-394.870 χ^2/NDF : 29.6/27

asym_at1_dd_at2_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1300.436+/-0.402 χ^2/NDF : 459847.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1300.486+/-0.389 χ^2/NDF : 276356.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

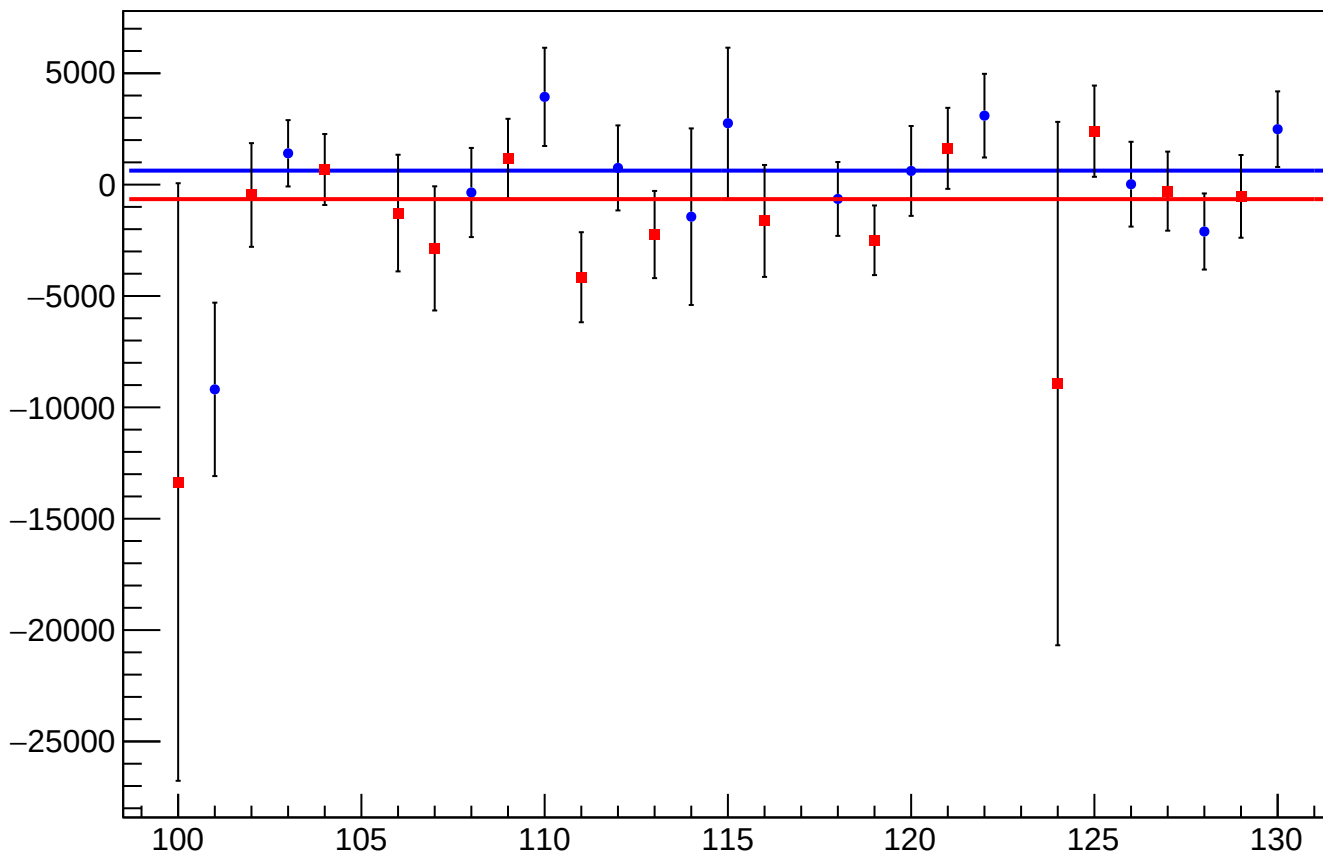
Right: 1300.462+/-0.279 χ^2/NDF : 736204.4/27

In: 1300.436+/-0.402 χ^2/NDF :459847.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1300.462+/-0.279 χ^2/NDF : 736204.4/27

cor_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 628.870+/-554.270 χ^2/NDF : 16.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -650.915+/-542.419 χ^2/NDF : 12.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

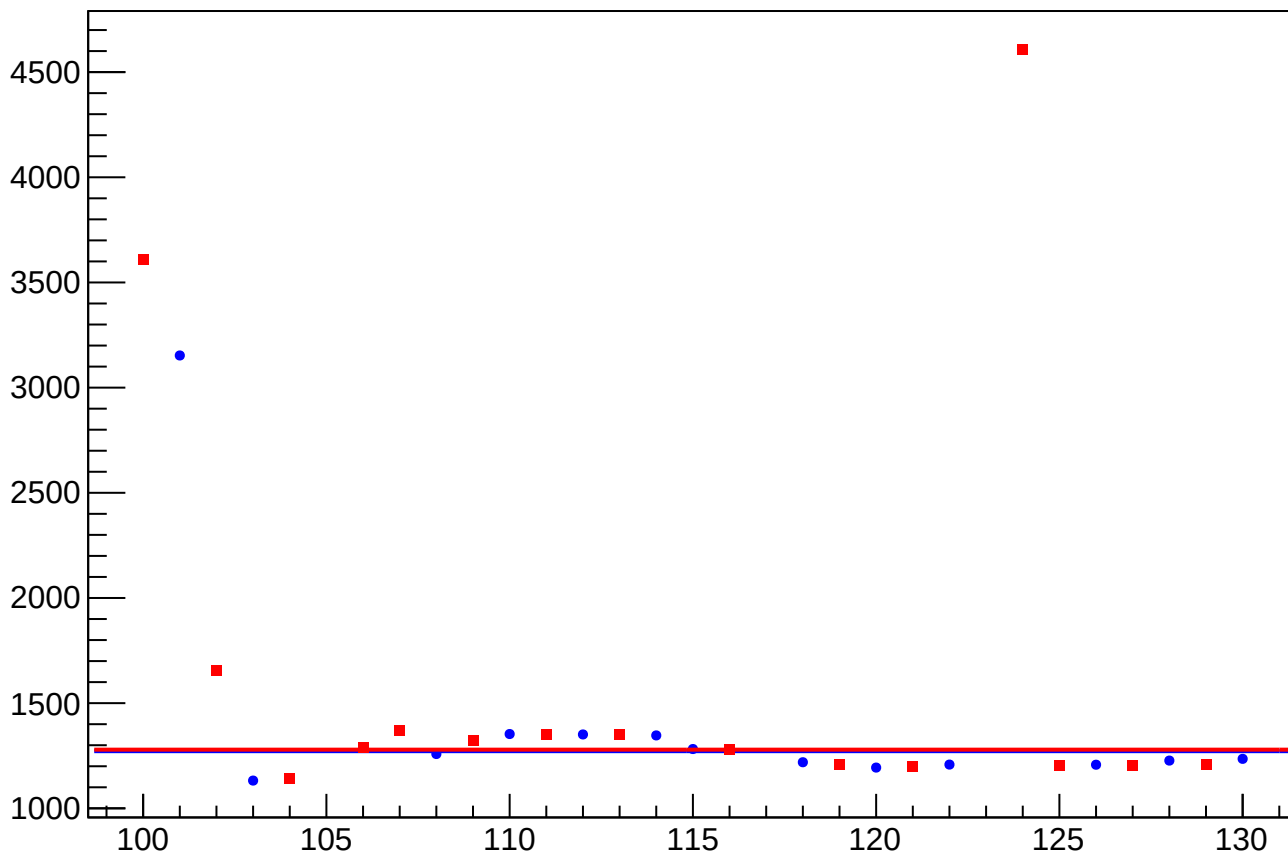
Right: -24.851+/-387.670 χ^2/NDF : 31.6/27

In: 628.870+/-554.270 χ^2/NDF : 16.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.851+/-387.670 χ^2/NDF : 31.6/27

cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1271.666+/-0.392 χ^2/NDF : 503496.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1278.925+/-0.384 χ^2/NDF : 314439.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

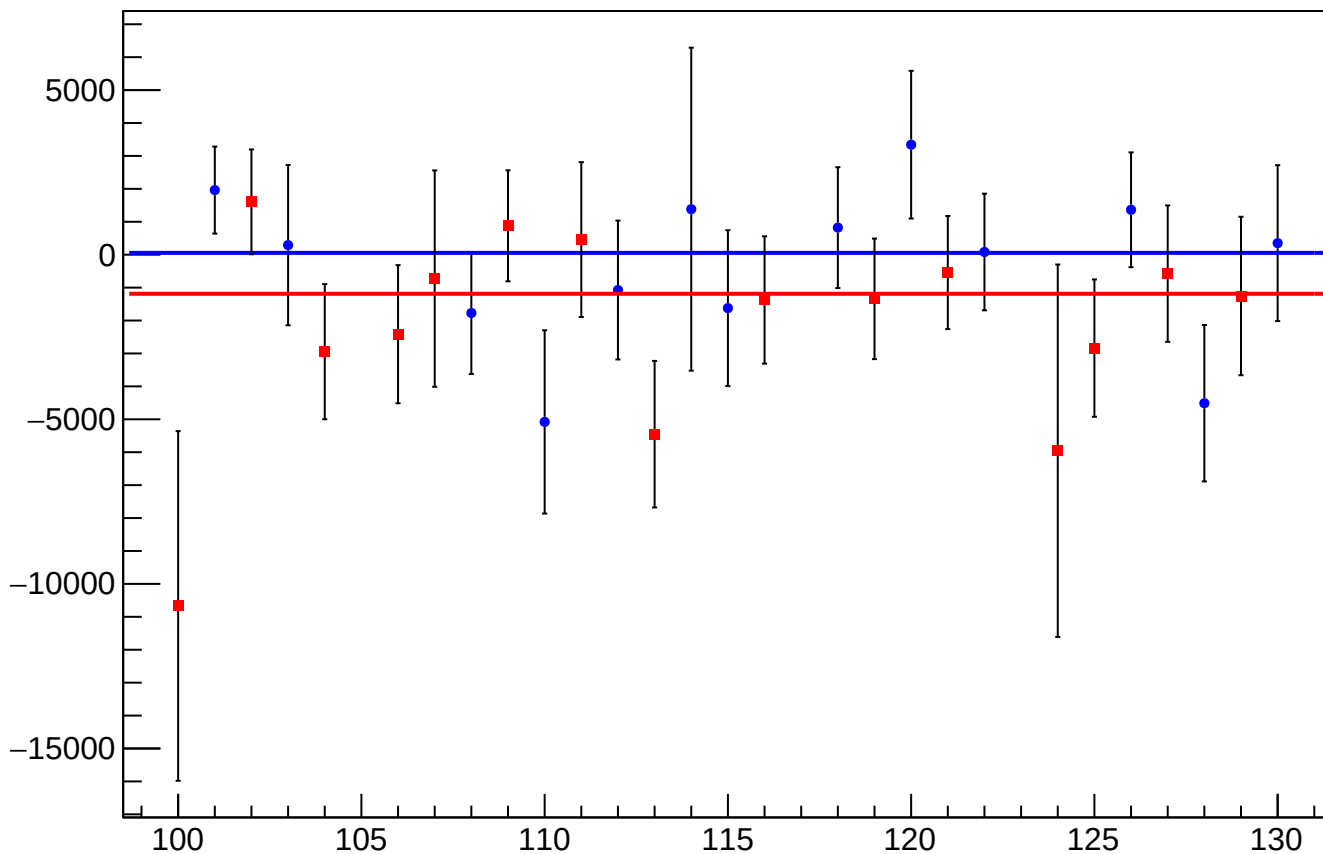
Right: 1275.374+/-0.274 χ^2/NDF : 818110.7/27

In: 1271.666+/-0.392 χ^2/NDF : 503496.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1275.374+/-0.274 χ^2/NDF : 818110.7/27

asym_at1_dd_at2_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 55.436+/-567.466 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1187.445+/-551.106 χ^2/NDF : 14.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

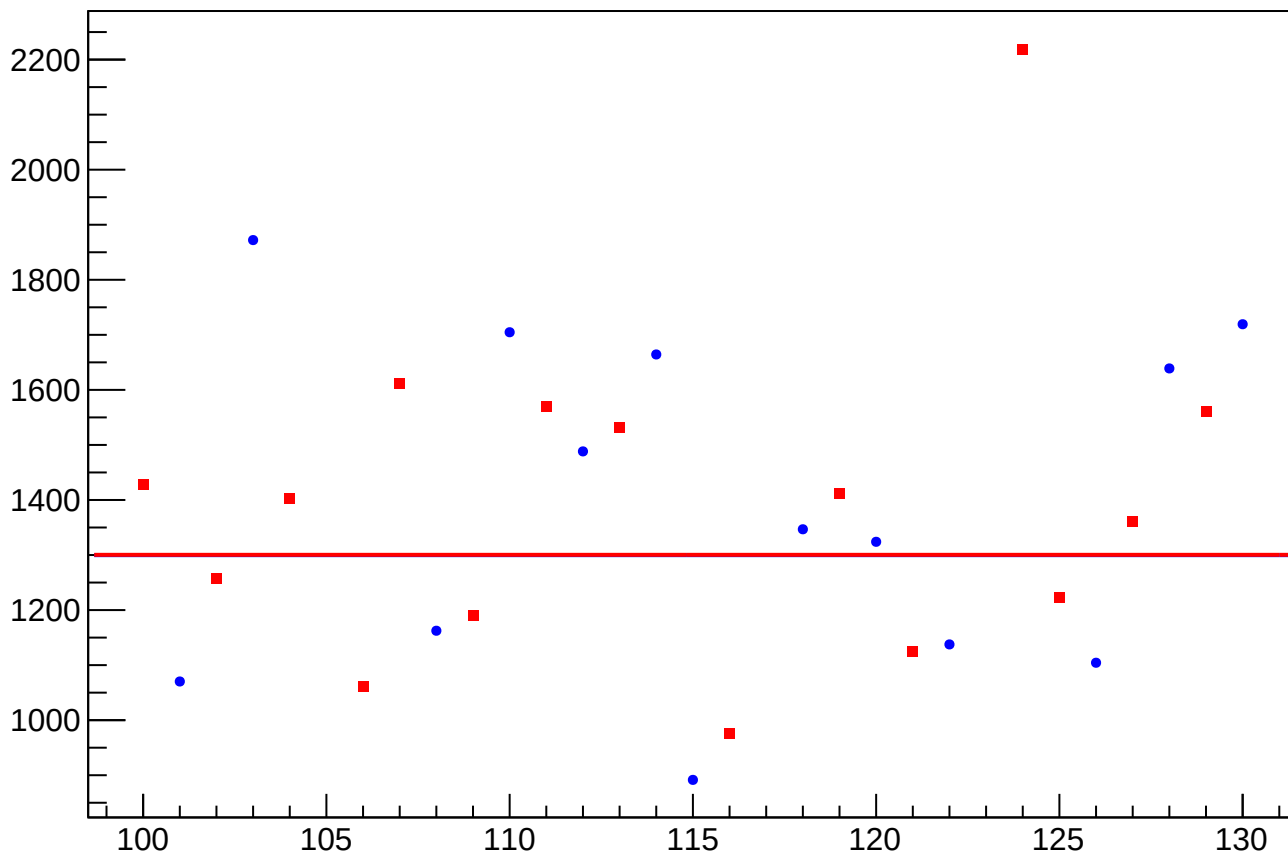
Right: -584.179+/-395.348 χ^2/NDF : 31.0/27

In: 55.436+/-567.466 χ^2/NDF : 13.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -584.179+/-395.348 χ^2/NDF : 31.0/27

asym_at1_dd_at2_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1299.777+/-0.401 χ^2/NDF : 457702.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1300.363+/-0.390 χ^2/NDF : 273476.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

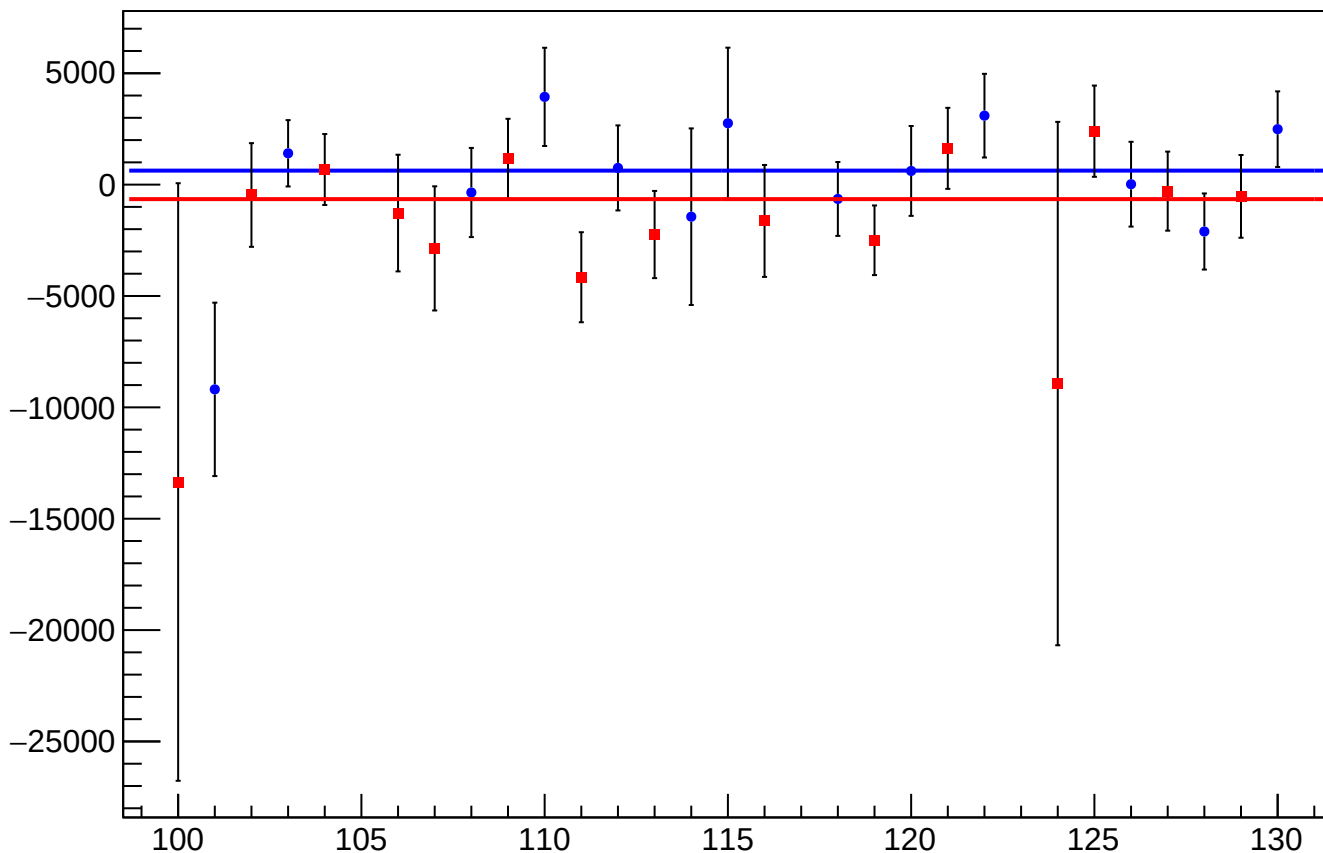
Right: 1300.078+/-0.280 χ^2/NDF : 731180.0/27

In: 1299.777+/-0.401 χ^2/NDF : 457702.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1300.078+/-0.280 χ^2/NDF : 731180.0/27

eigen_cor_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 628.870+/-554.270 χ^2/NDF : 16.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -650.915+/-542.419 χ^2/NDF : 12.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

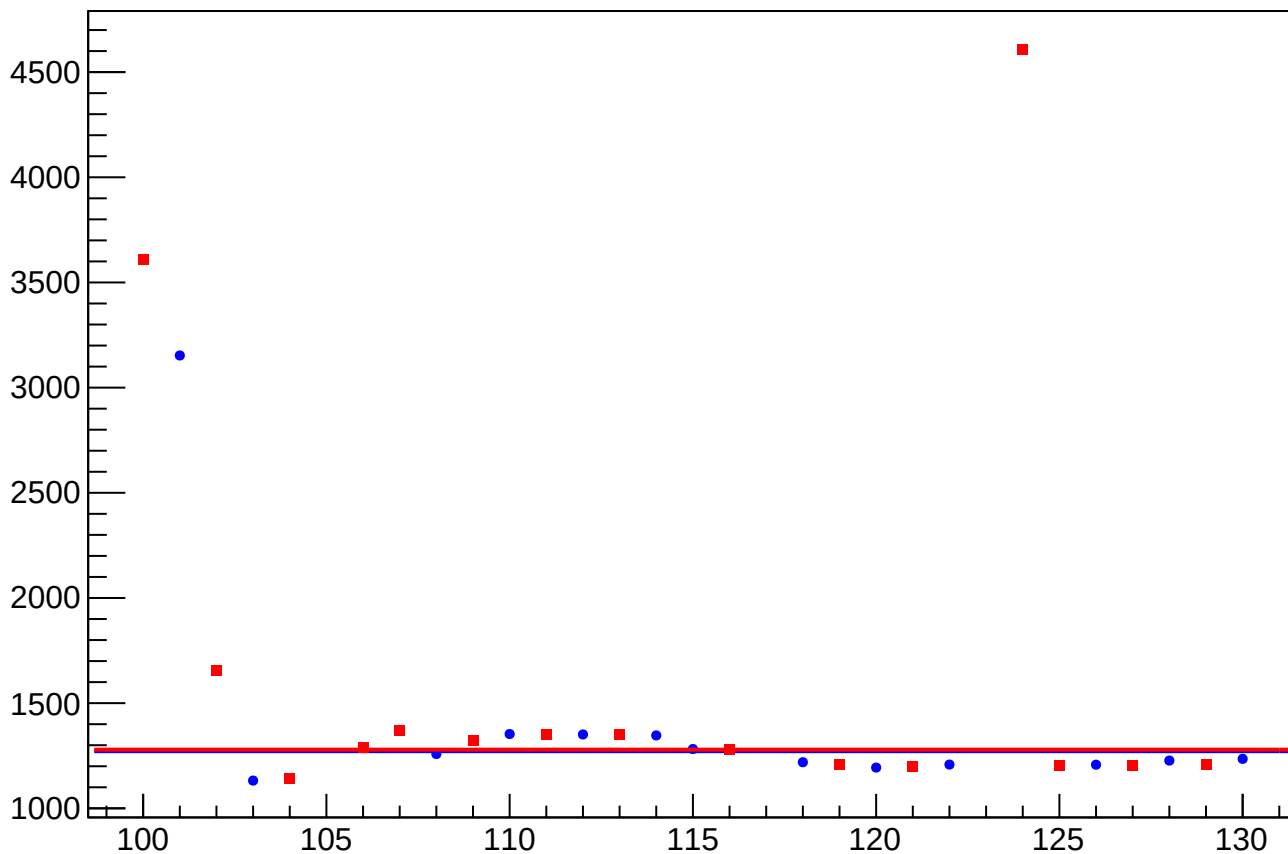
Right: -24.851+/-387.670 χ^2/NDF : 31.6/27

In: 628.870+/-554.270 χ^2/NDF : 16.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.851+/-387.670 χ^2/NDF : 31.6/27

eigen_cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1271.666+/-0.392 χ^2/NDF : 503496.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1278.925+/-0.384 χ^2/NDF : 314439.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

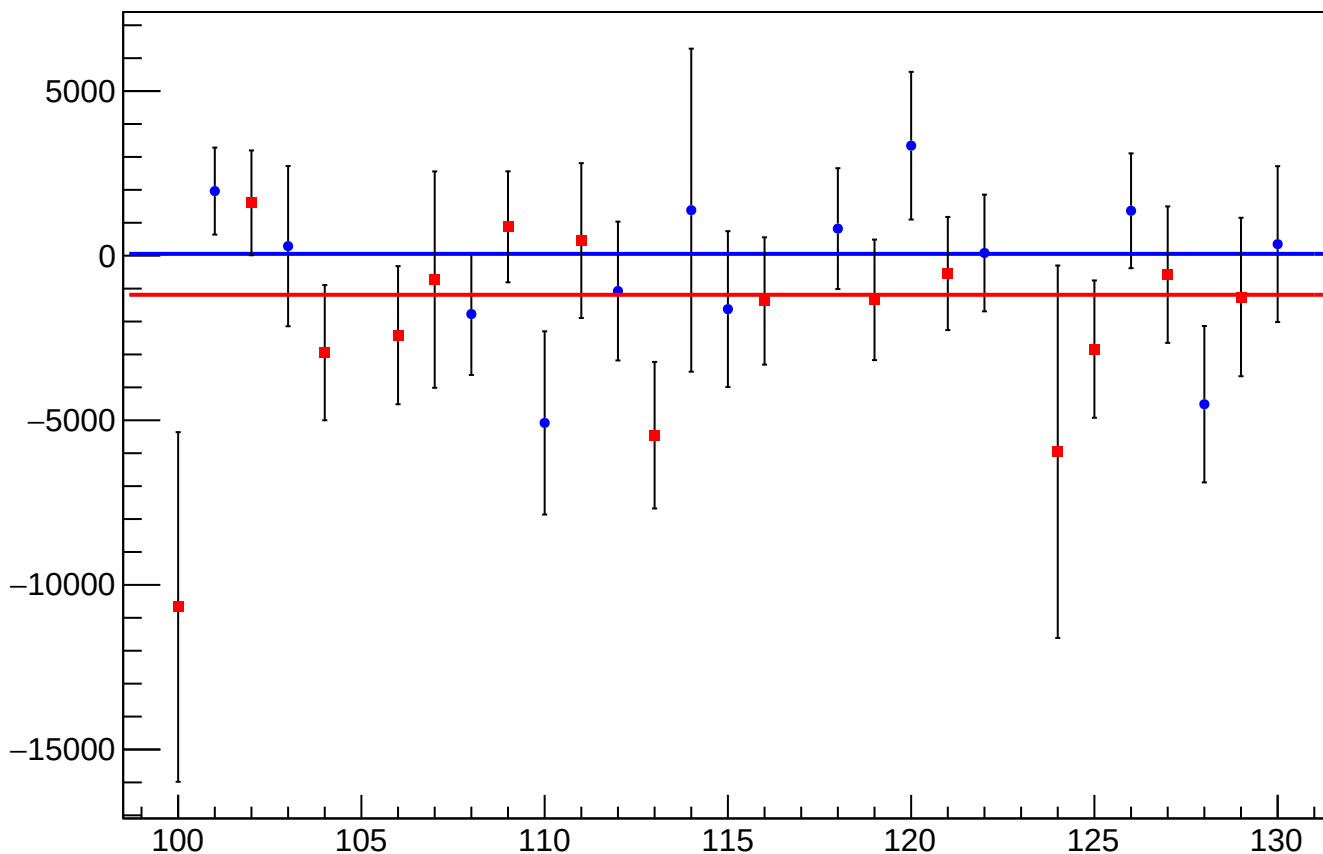
Right: 1275.374+/-0.274 χ^2/NDF : 818110.7/27

In: 1271.666+/-0.392 χ^2/NDF : 503496.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1275.374+/-0.274 χ^2/NDF : 818110.7/27

asym_at1_dd_at2_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 55.436+/-567.466 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1187.445+/-551.106 χ^2/NDF : 14.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

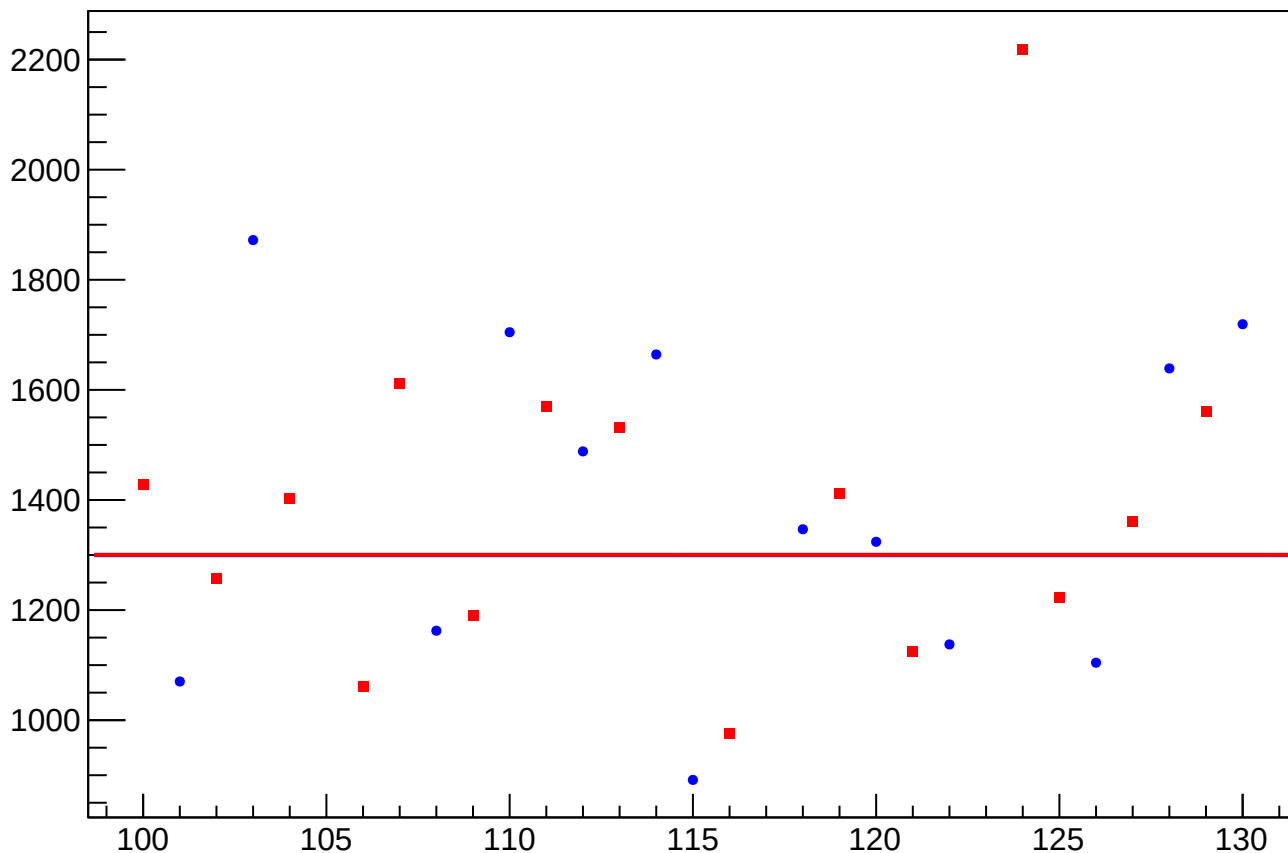
Right: -584.179+/-395.348 χ^2/NDF : 31.0/27

In: 55.436+/-567.466 χ^2/NDF : 13.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -584.179+/-395.348 χ^2/NDF : 31.0/27

asym_at1_dd_at2_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1299.777+/-0.401 χ^2/NDF : 457702.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1300.363+/-0.390 χ^2/NDF : 273476.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

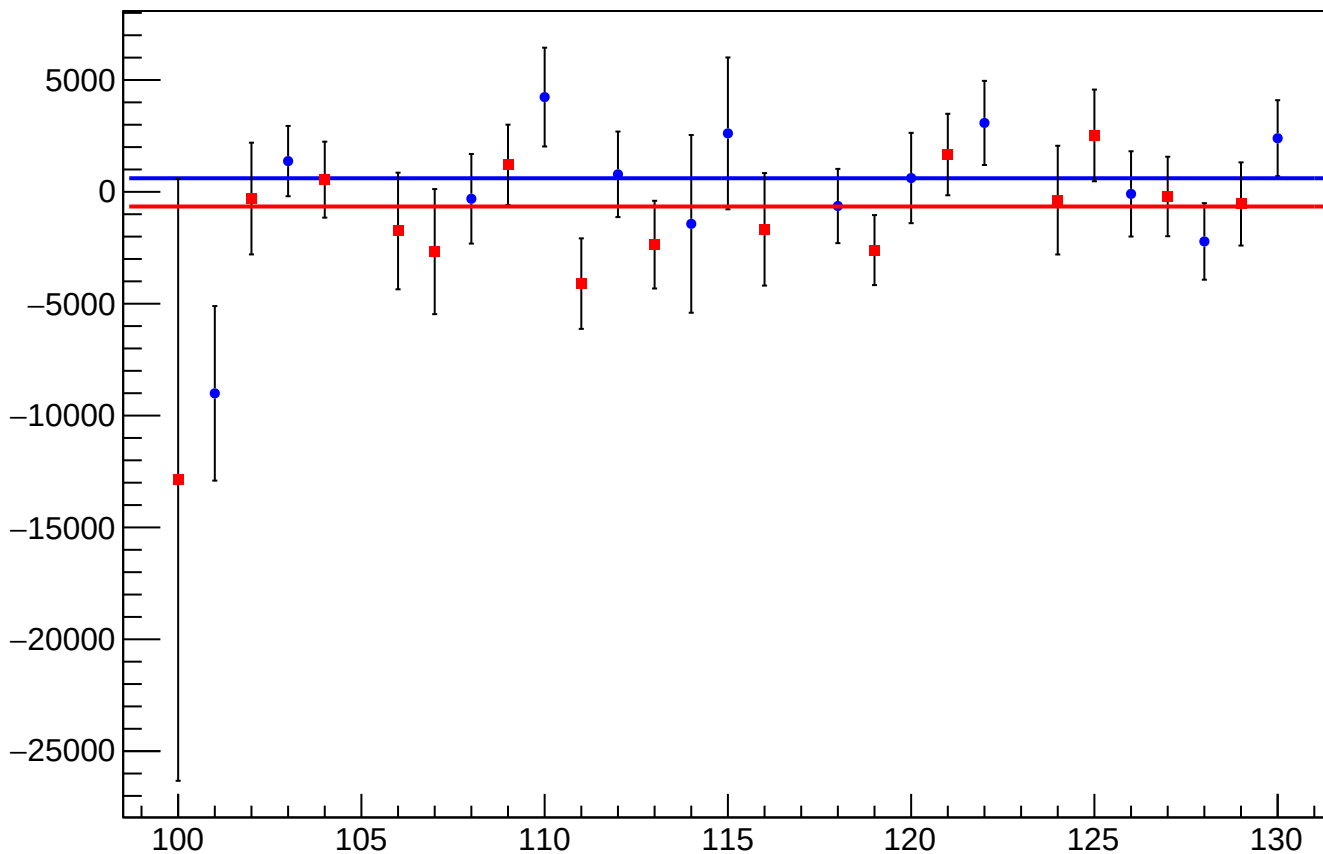
Right: 1300.078+/-0.280 χ^2/NDF : 731180.0/27

In: 1299.777+/-0.401 χ^2/NDF : 457702.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1300.078+/-0.280 χ^2/NDF : 731180.0/27

dit_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 608.286+/-558.725 χ^2/NDF : 16.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -654.363+/-535.723 χ^2/NDF : 12.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

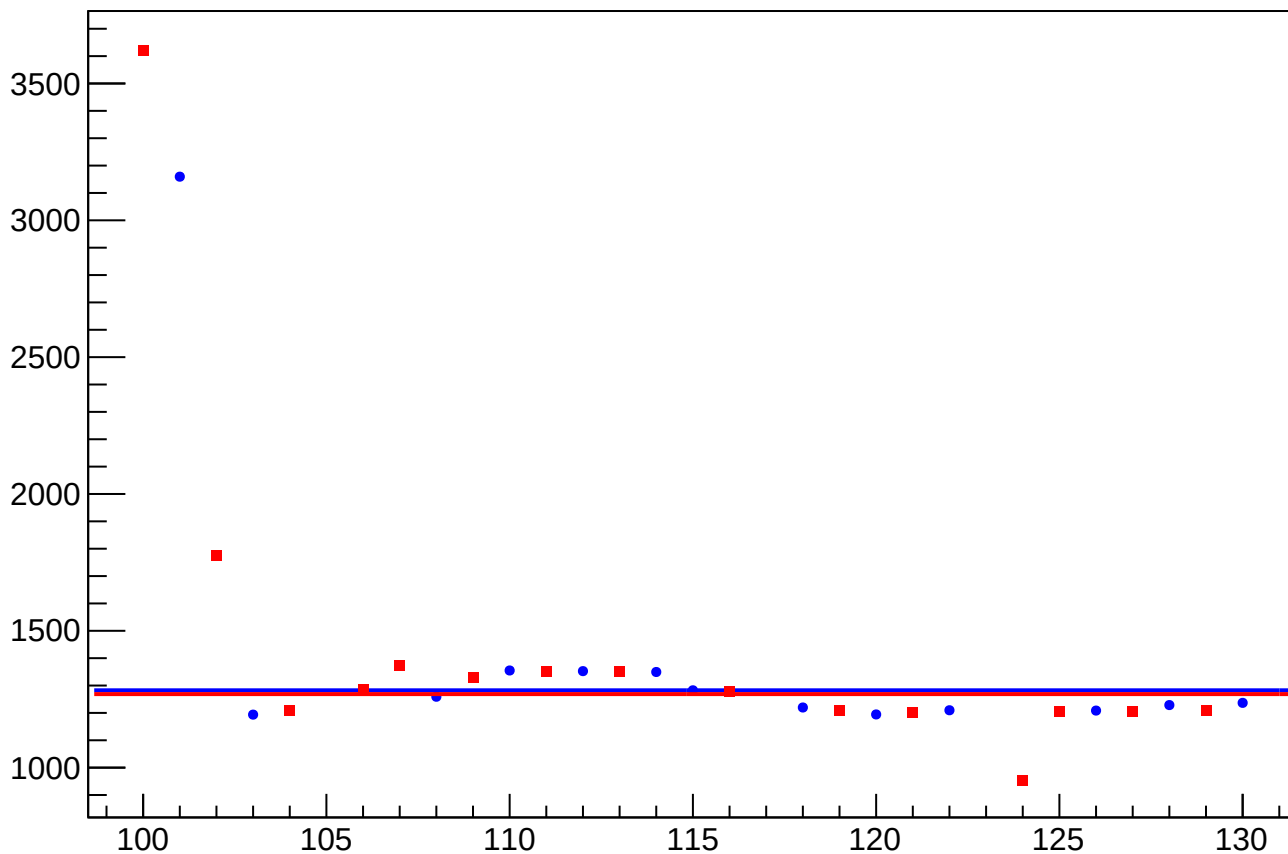
Right: -49.564+/-386.690 χ^2/NDF : 31.4/27

In: 608.286+/-558.725 χ^2/NDF : 16.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -49.564+/-386.690 χ^2/NDF : 31.4/27

dit_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1282.584+/-0.395 χ^2/NDF : 491127.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1268.720+/-0.379 χ^2/NDF : 204535.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

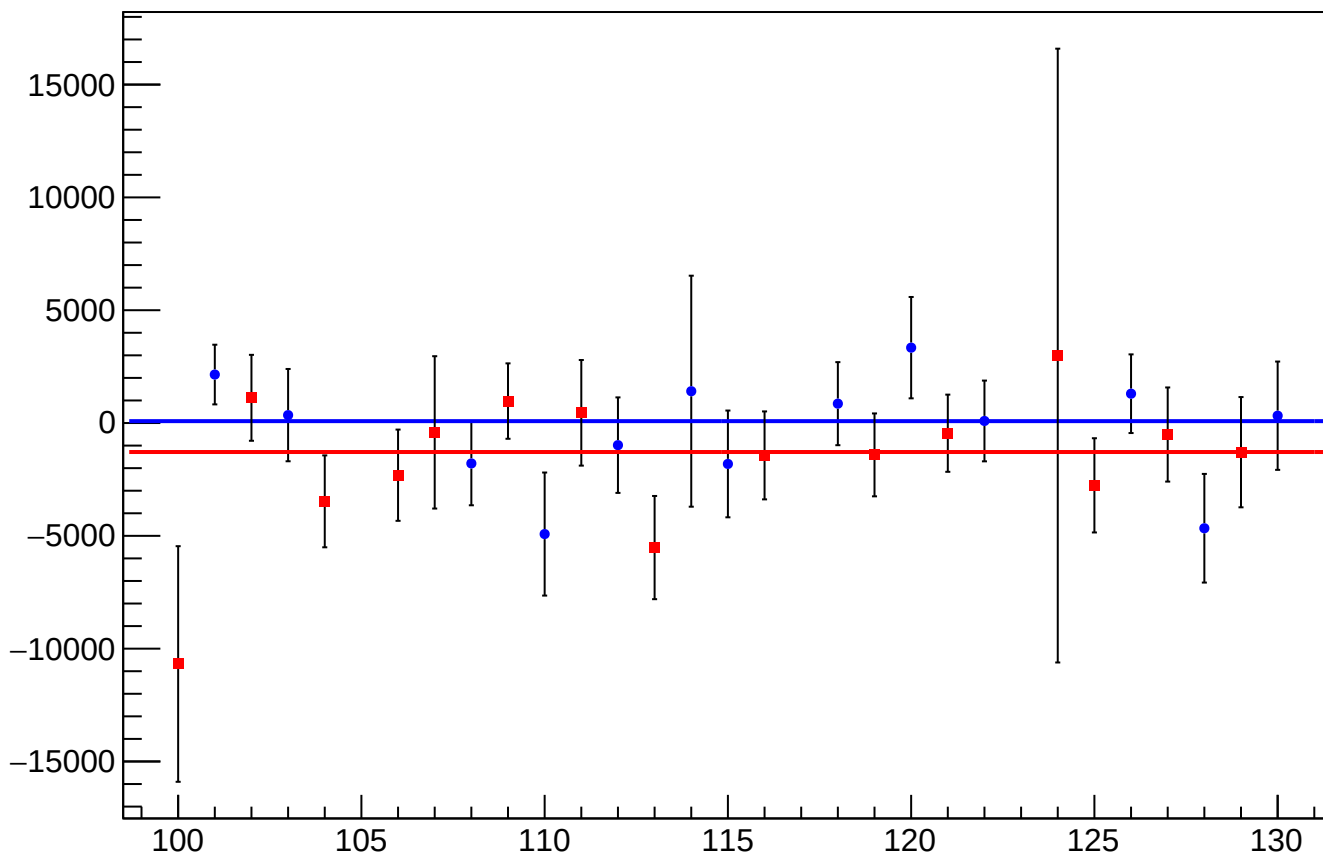
Right: 1275.361+/-0.273 χ^2/NDF : 696305.0/27

In: 1282.584+/-0.395 χ^2/NDF : 491127.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1275.361+/-0.273 χ^2/NDF : 696305.0/27

asym_at1_dd_at2_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 83.785+/-562.839 χ^2/NDF : 14.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1284.626+/-563.340 χ^2/NDF : 13.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

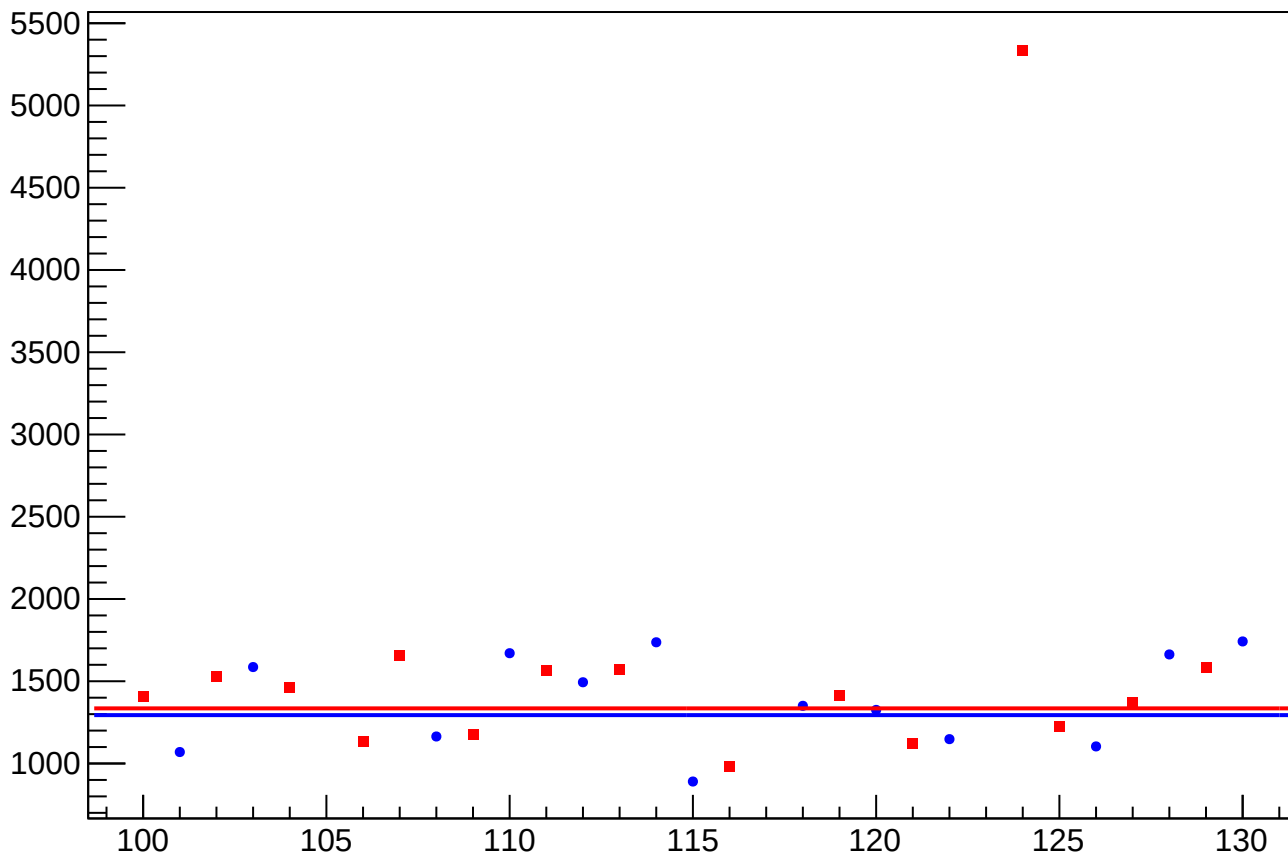
Right: -599.812+/-398.164 χ^2/NDF : 30.5/27

In: 83.785+/-562.839 χ^2/NDF : 14.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -599.812+/-398.164 χ^2/NDF : 30.5/27

asym_at1_dd_at2_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1294.052+/-0.398 χ^2/NDF : 393296.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1335.074+/-0.398 χ^2/NDF : 426989.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

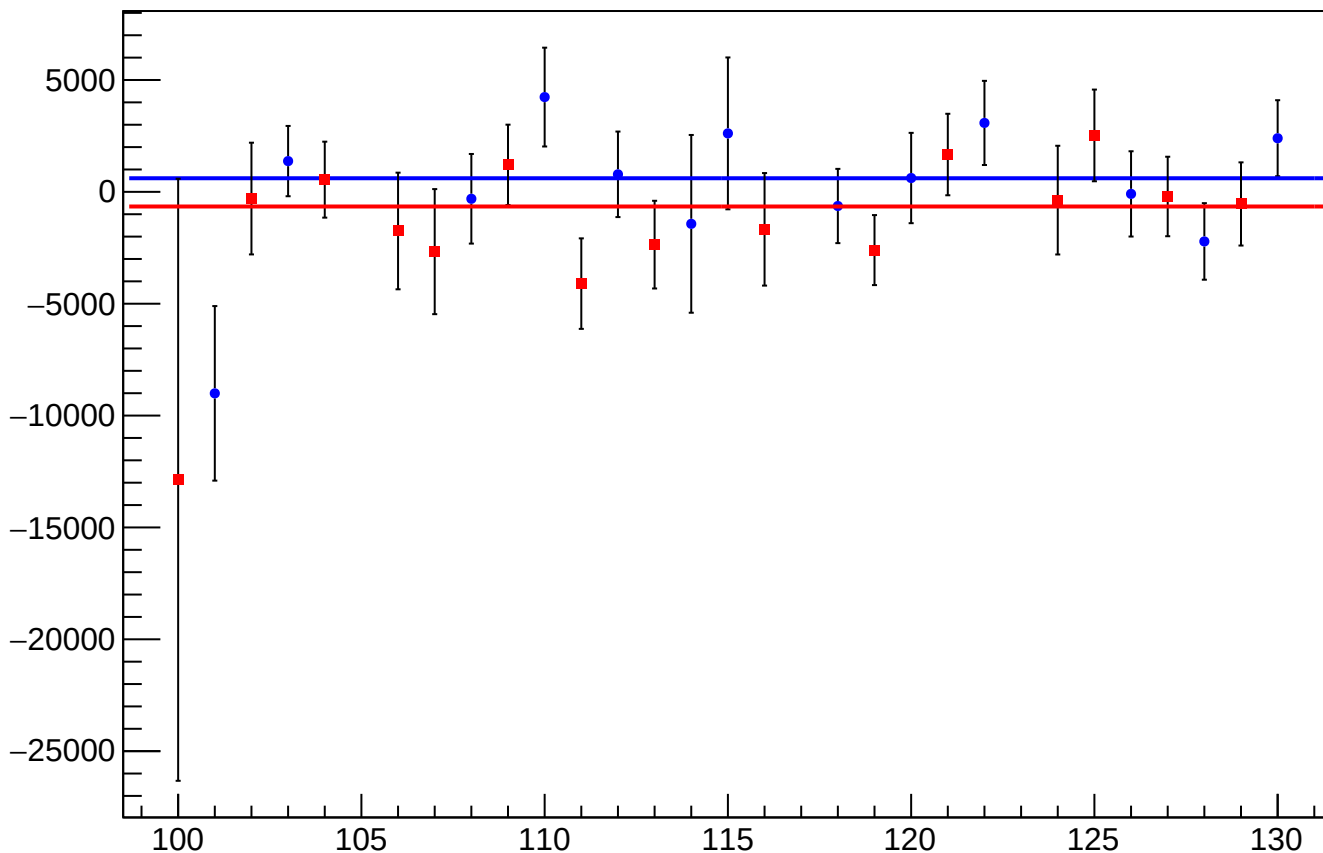
Right: 1314.545+/-0.282 χ^2/NDF : 825592.5/27

In: 1294.052+/-0.398 χ^2/NDF : 393296.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1314.545+/-0.282 χ^2/NDF : 825592.5/27

eigen_dit_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 608.284+/-558.725 χ^2/NDF : 16.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -654.364+/-535.723 χ^2/NDF : 12.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

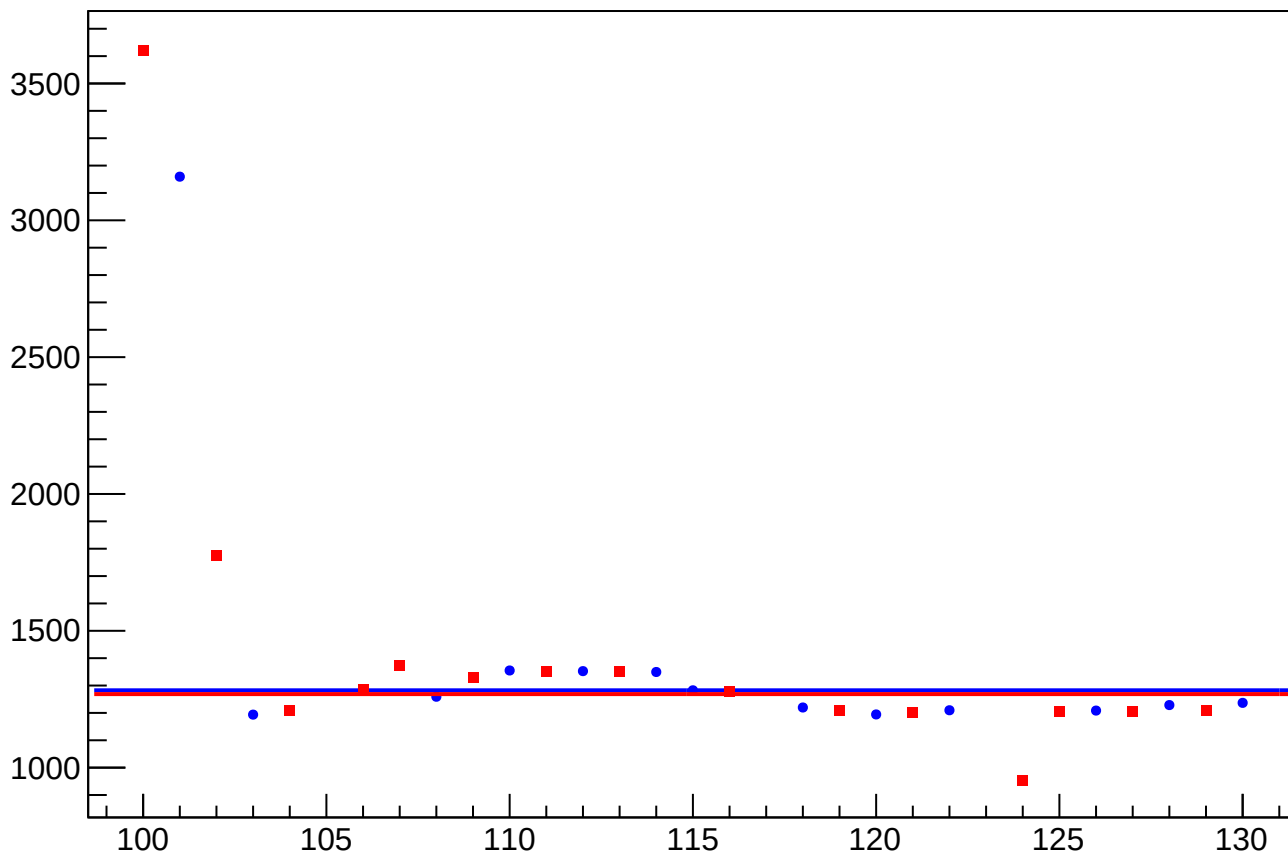
Right: -49.566+/-386.689 χ^2/NDF : 31.4/27

In: 608.284+/-558.725 χ^2/NDF : 16.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -49.566+/-386.689 χ^2/NDF : 31.4/27

eigen_dit_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1282.584+/-0.395 χ^2/NDF : 491127.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1268.720+/-0.379 χ^2/NDF : 204535.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

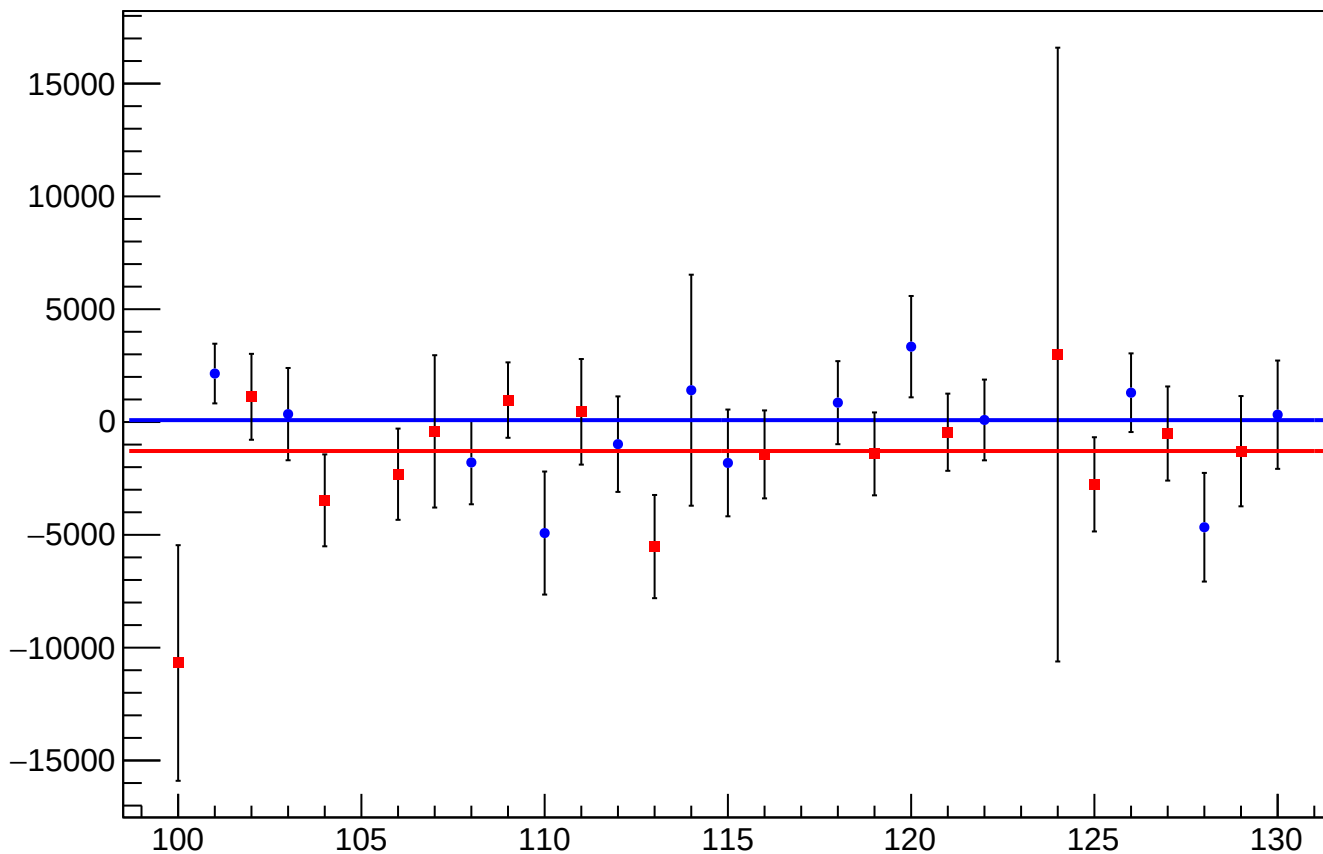
Right: 1275.361+/-0.273 χ^2/NDF : 696305.1/27

In: 1282.584+/-0.395 χ^2/NDF : 491127.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1275.361+/-0.273 χ^2/NDF : 696305.1/27

asym_at1_dd_at2_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 83.784+/-562.837 χ^2/NDF : 14.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1284.626+/-563.339 χ^2/NDF : 13.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

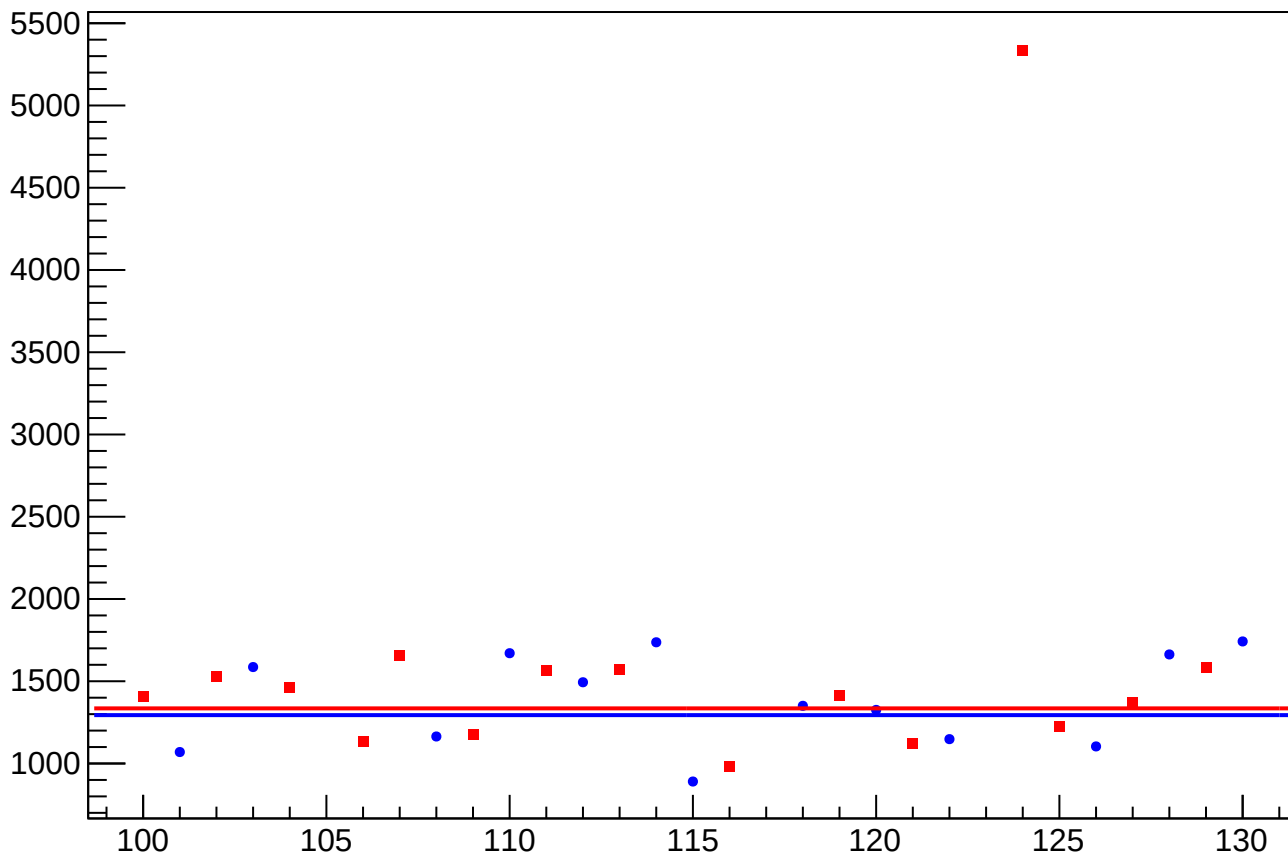
Right: -599.811+/-398.163 χ^2/NDF : 30.5/27

In: 83.784+/-562.837 χ^2/NDF : 14.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -599.811+/-398.163 χ^2/NDF : 30.5/27

asym_at1_dd_at2_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1294.048+/-0.398 χ^2/NDF : 393300.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1335.073+/-0.398 χ^2/NDF : 426989.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

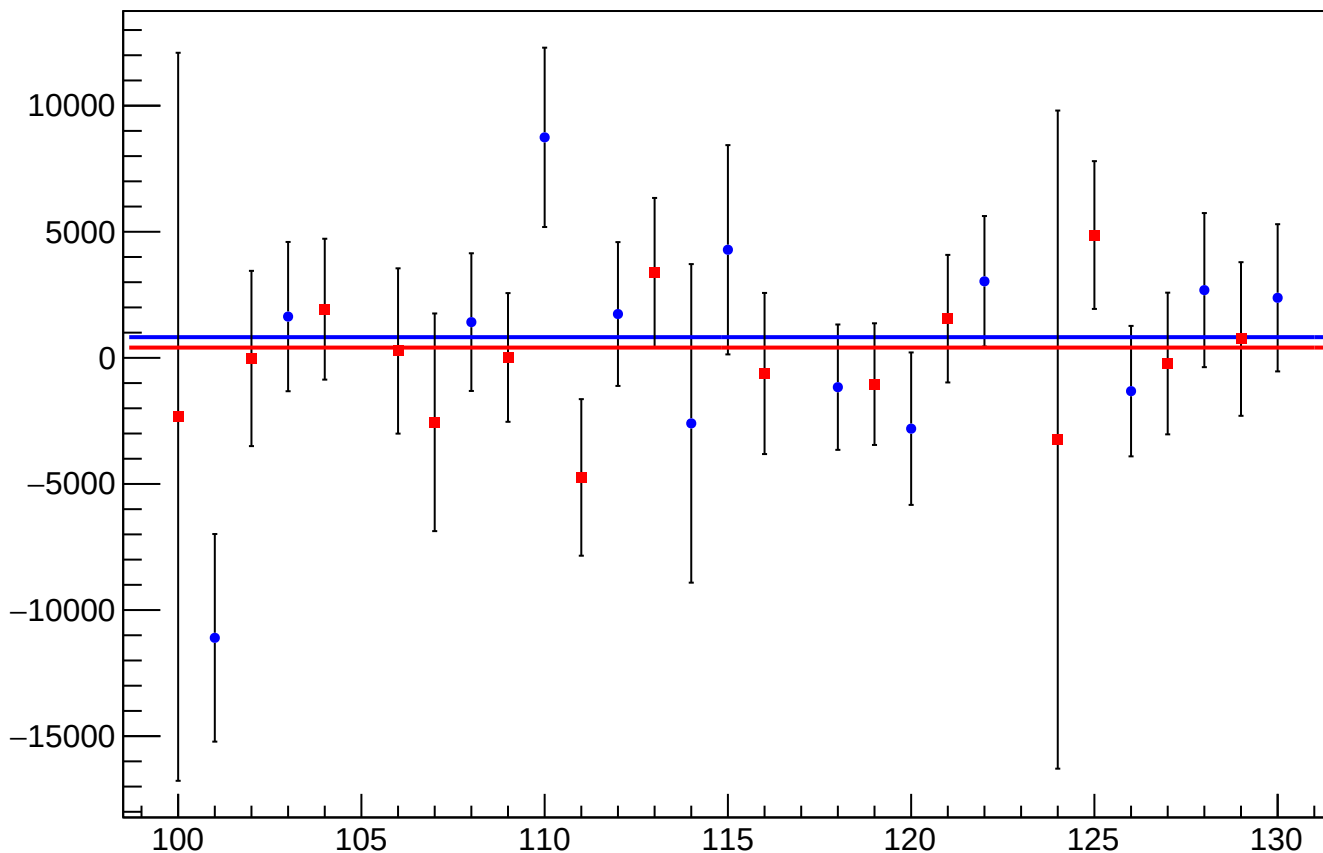
Right: 1314.542+/-0.282 χ^2/NDF : 825598.1/27

In: 1294.048+/-0.398 χ^2/NDF : 393300.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1314.542+/-0.282 χ^2/NDF : 825598.1/27

asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 821.030 $\pm$ 849.097 χ^2 /NDF: 18.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 408.073 $\pm$ 812.116 χ^2 /NDF: 7.7/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

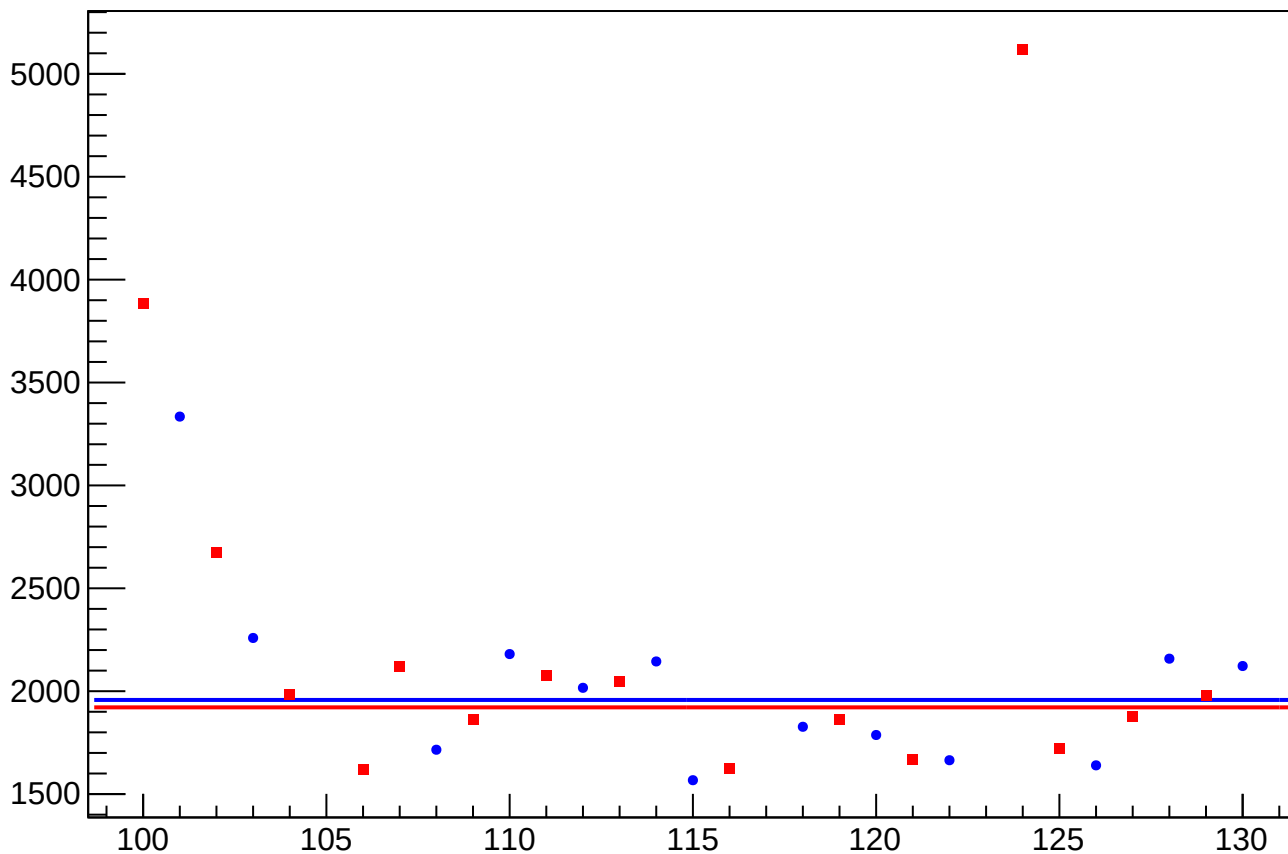
Right: 605.363 $\pm$ 586.891 χ^2 /NDF: 26.6/27

In: 821.030 $\pm$ 849.097 χ^2 /NDF:18.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 605.363 $\pm$ 586.891 χ^2 /NDF: 26.6/27

asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1957.486+/-0.600 χ^2/NDF : 371007.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1921.444+/-0.574 χ^2/NDF : 332223.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

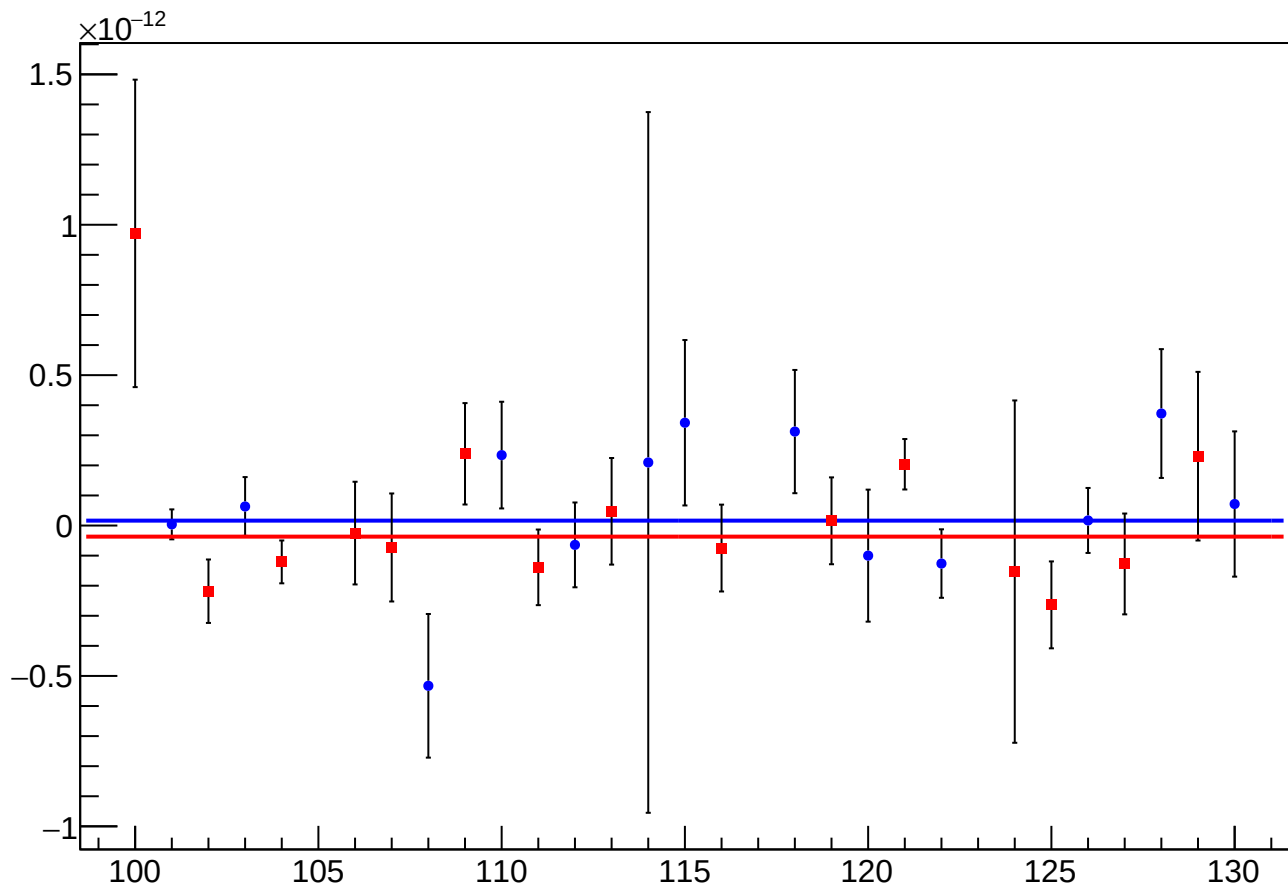
Right: 1938.663+/-0.415 χ^2/NDF : 705112.4/27

In: 1957.486+/-0.600 χ^2/NDF : 371007.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1938.663+/-0.415 χ^2/NDF : 705112.4/27

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 24.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

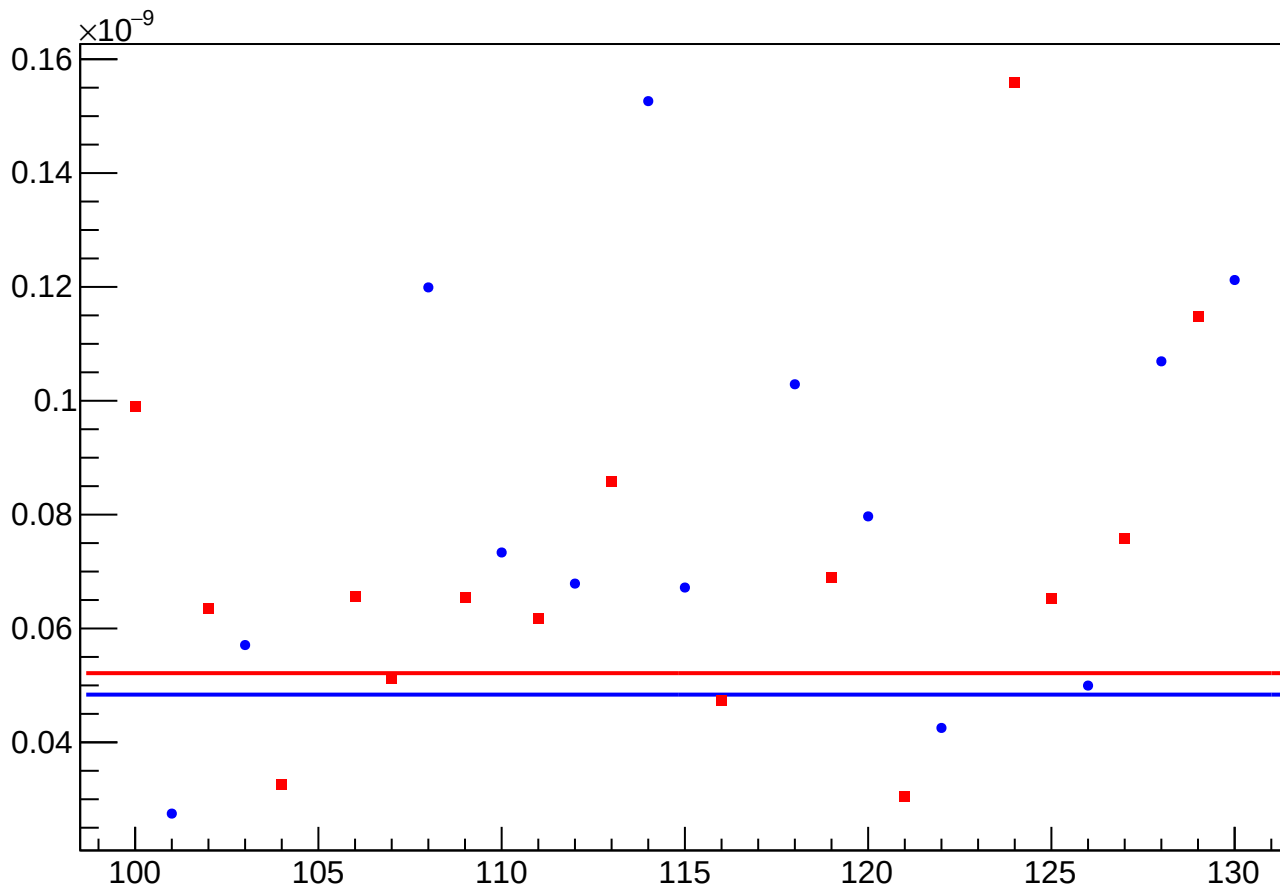
Right: -0.000+/-0.000 χ^2/NDF : 40.8/27

In: 0.000+/-0.000 χ^2/NDF : 15.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 40.8/27

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1170268.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 684133.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

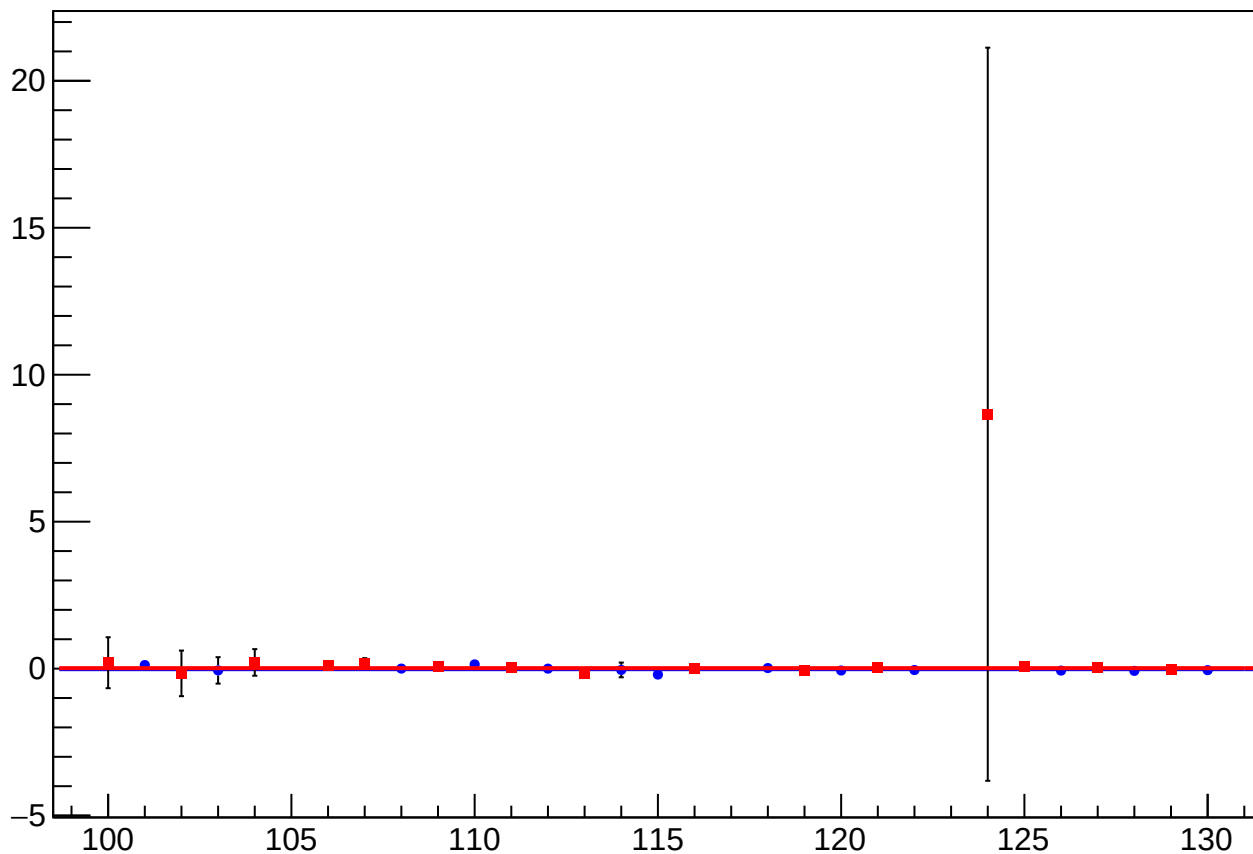
Right: 0.000+/-0.000 χ^2/NDF : 1866414.3/27

In: 0.000+/-0.000 χ^2/NDF : 1170268.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1866414.3/27

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.019+/-0.020 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.020 χ^2/NDF : 11.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

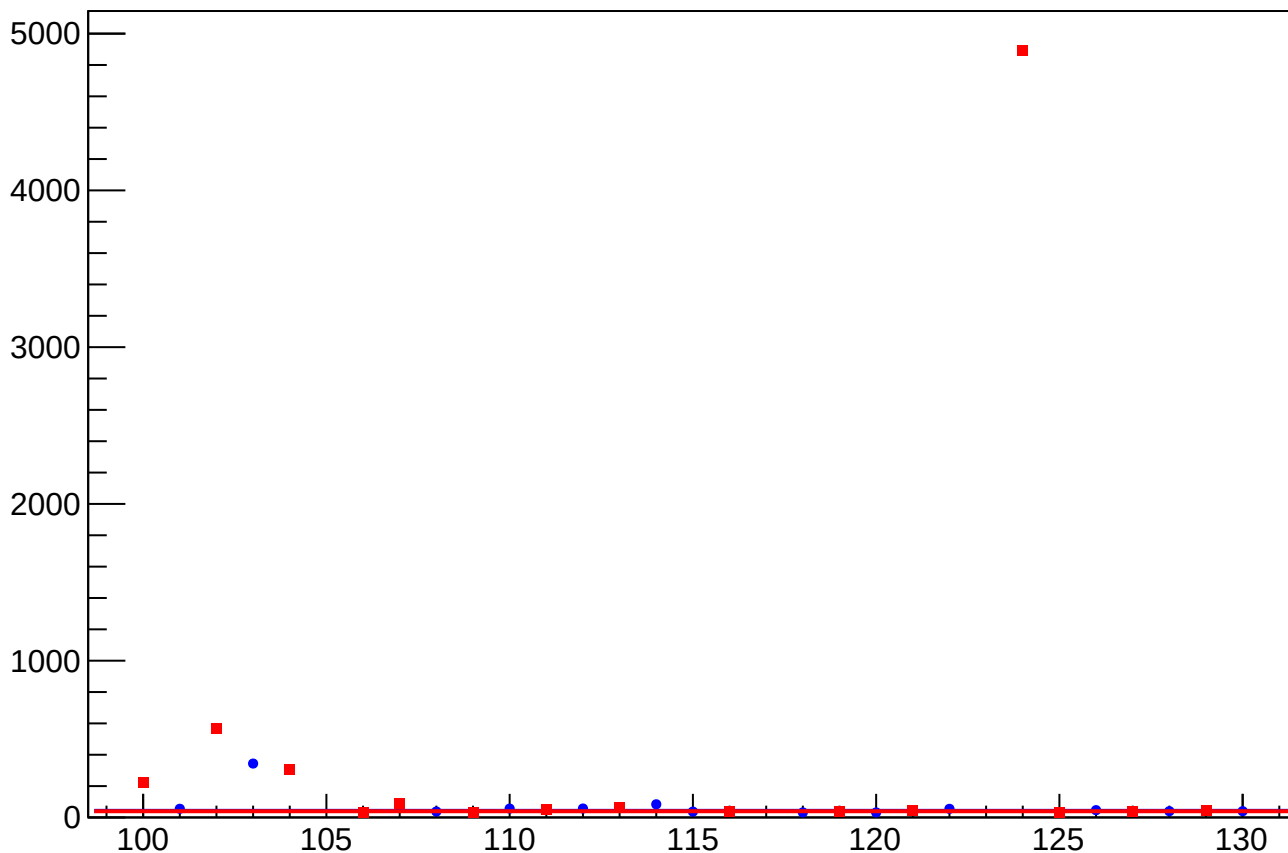
Right: -0.001+/-0.014 χ^2/NDF : 25.1/27

In: -0.019+/-0.020 χ^2/NDF : 12.6/12

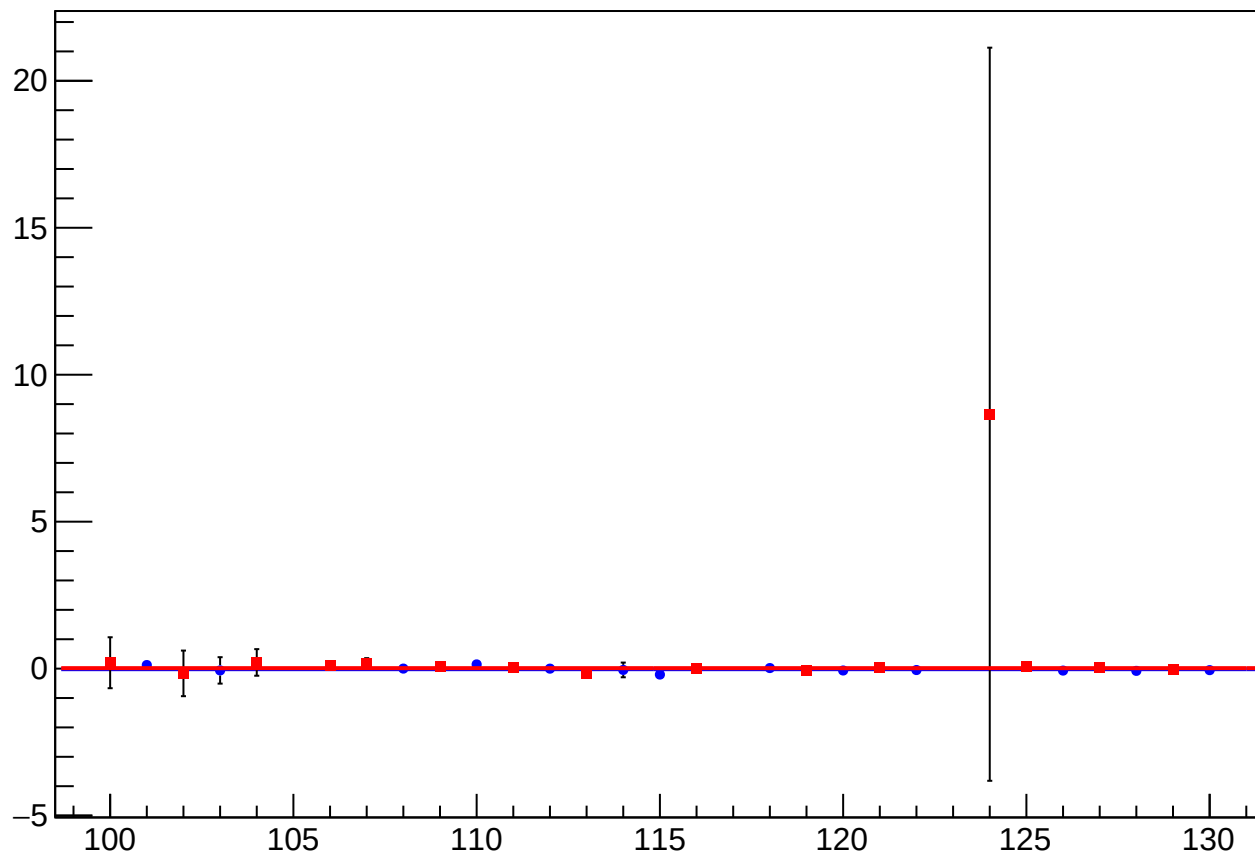
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.014 χ^2/NDF : 25.1/27

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.019+/-0.020 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.020 χ^2/NDF : 11.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

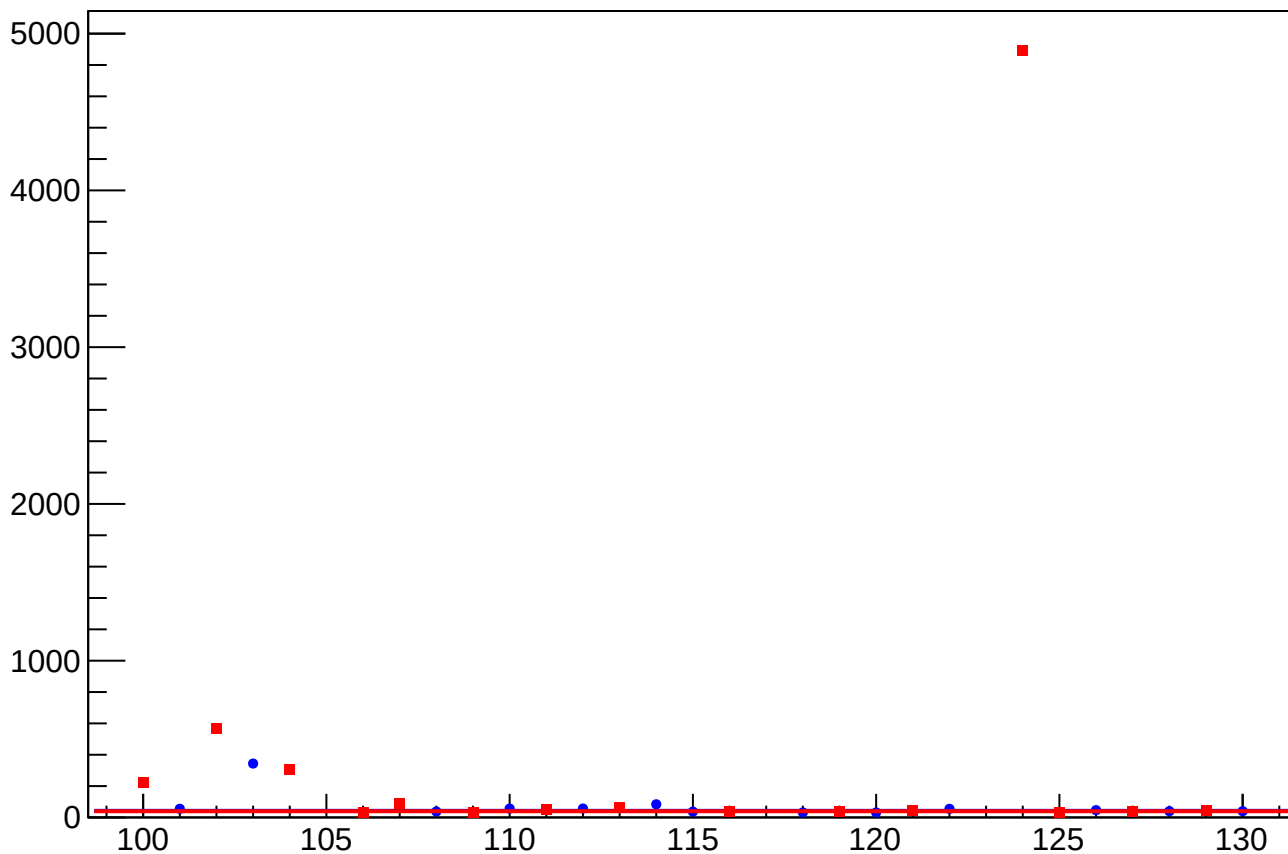
Right: -0.001+/-0.014 χ^2/NDF : 25.1/27

In: -0.019+/-0.020 χ^2/NDF : 12.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.014 χ^2/NDF : 25.1/27

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.102+/-0.014 χ^2/NDF : 1354145.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.747+/-0.014 χ^2/NDF : 2417651.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

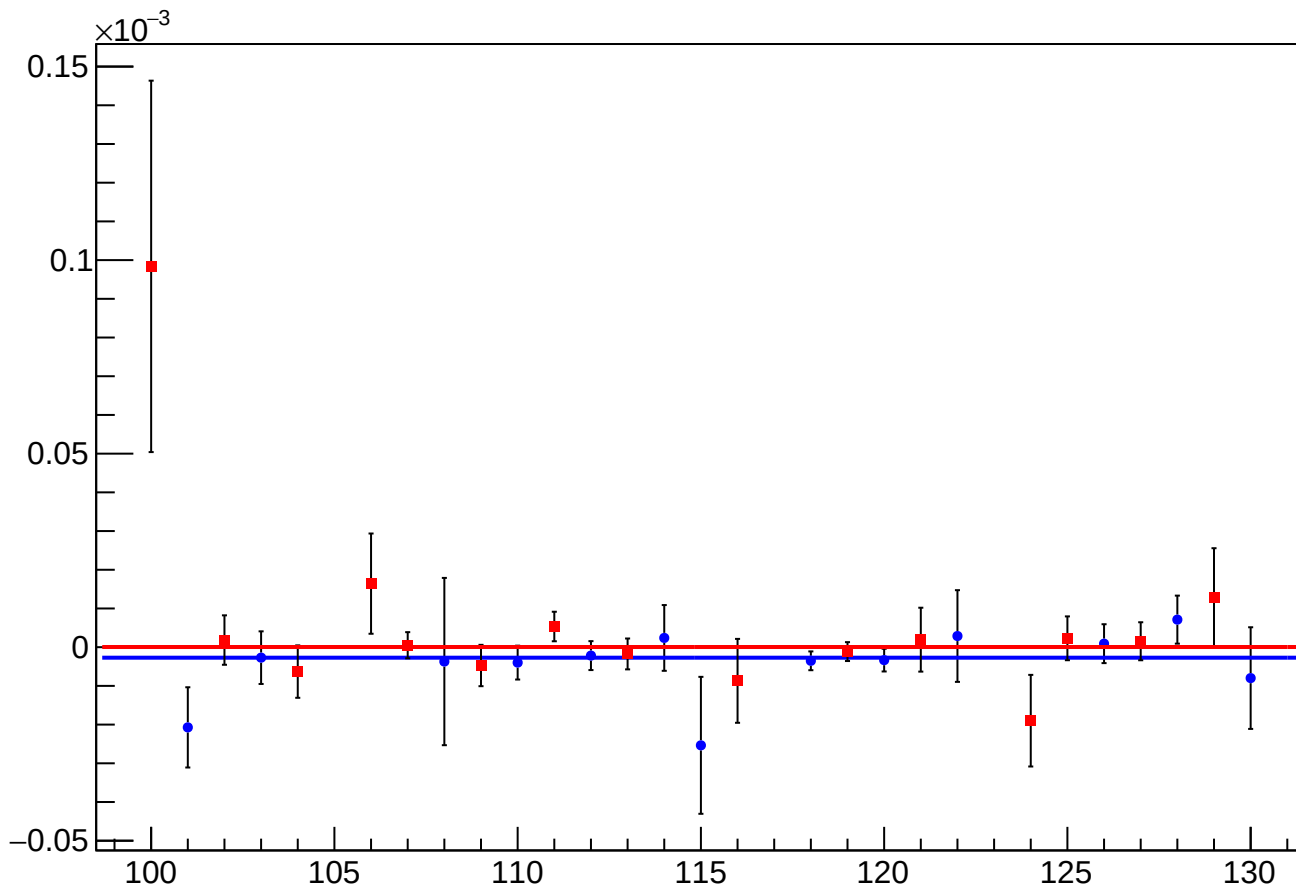
Right: 40.910+/-0.010 χ^2/NDF : 3785286.0/27

In: 42.102+/-0.014 χ^2/NDF : 1354145.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.910+/-0.010 χ^2/NDF : 3785286.0/27

asym_at1_dd_at2_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

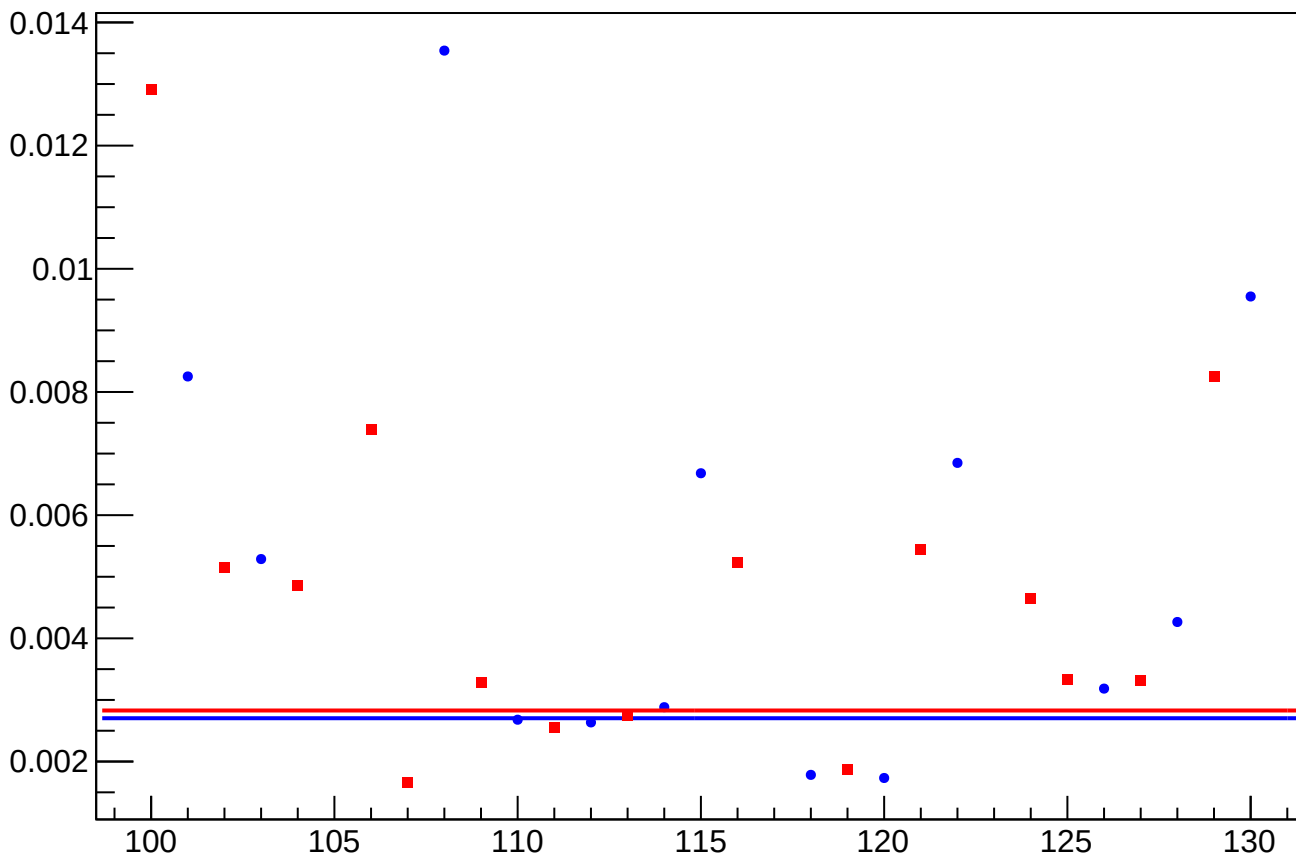
Right: -0.000+/-0.000 χ^2/NDF : 25.3/27

In: -0.000+/-0.000 χ^2/NDF : 8.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.3/27

asym_at1_dd_at2_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 2907921.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2100496.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

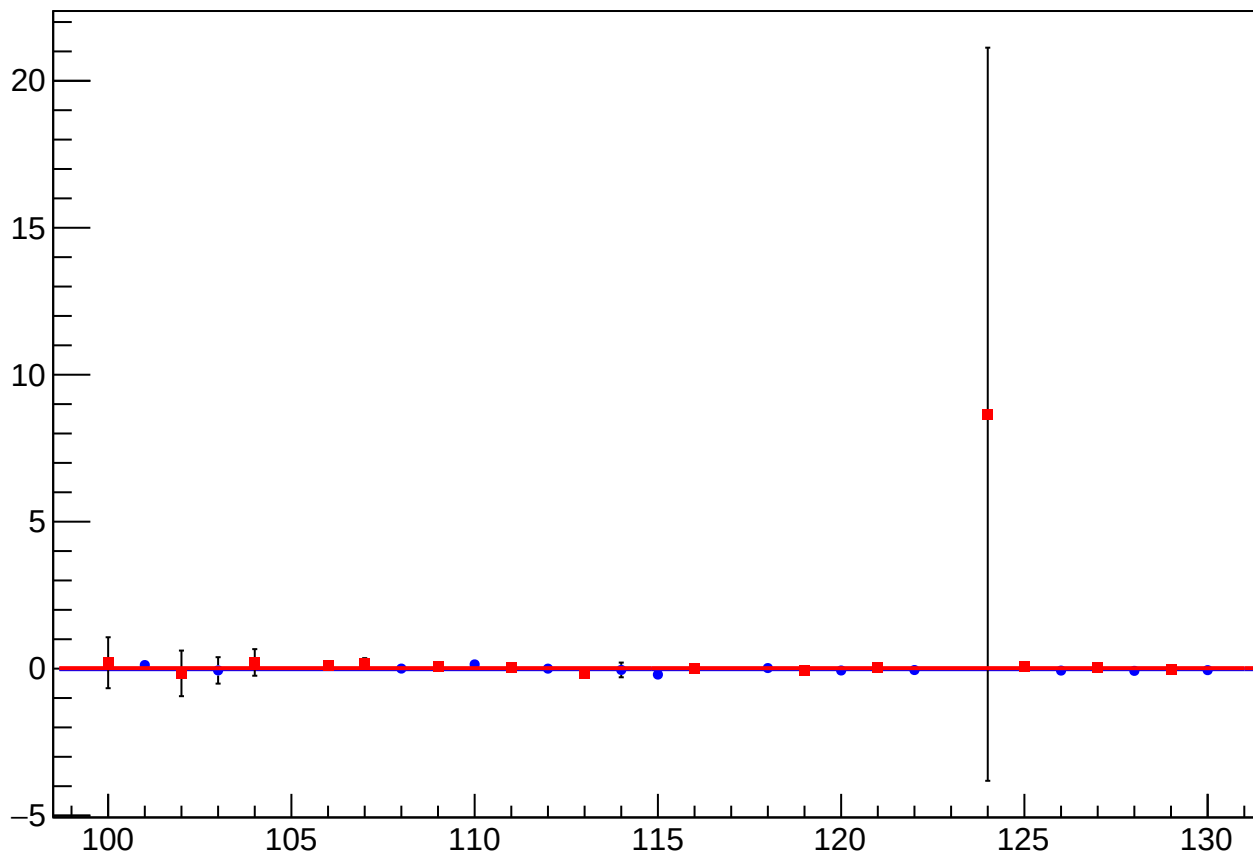
Right: 0.003+/-0.000 χ^2/NDF : 5017248.9/27

In: 0.003+/-0.000 χ^2/NDF :2907921.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 5017248.9/27

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.019 $\pm$ 0.020 χ^2 /NDF: 12.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.016 $\pm$ 0.020 χ^2 /NDF: 11.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

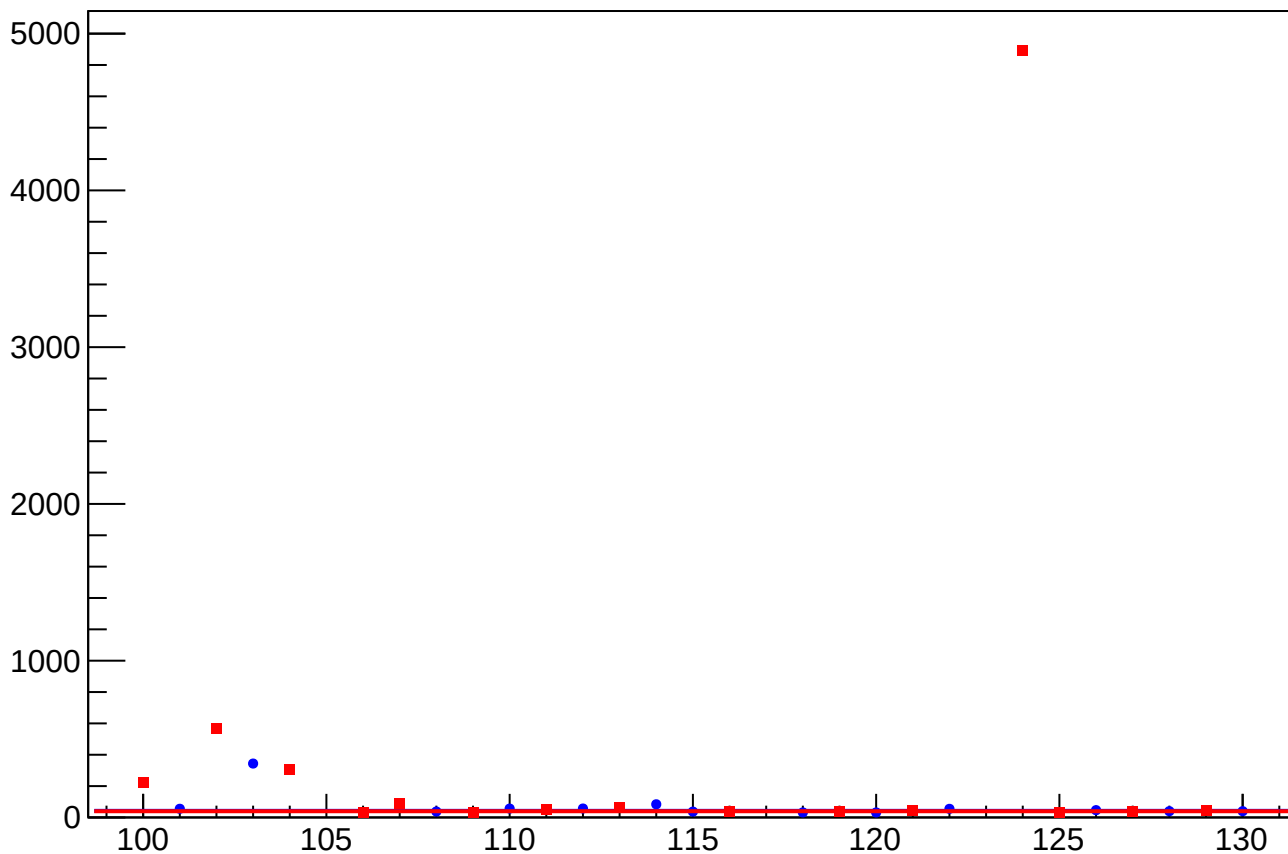
Right: -0.001 $\pm$ 0.014 χ^2 /NDF: 25.1/27

In: -0.019 $\pm$ 0.020 χ^2 /NDF: 12.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.001 $\pm$ 0.014 χ^2 /NDF: 25.1/27

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.102 $\pm$ 0.014 χ^2/NDF : 1354160.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 39.746 $\pm$ 0.014 χ^2/NDF : 2417685.4/14

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

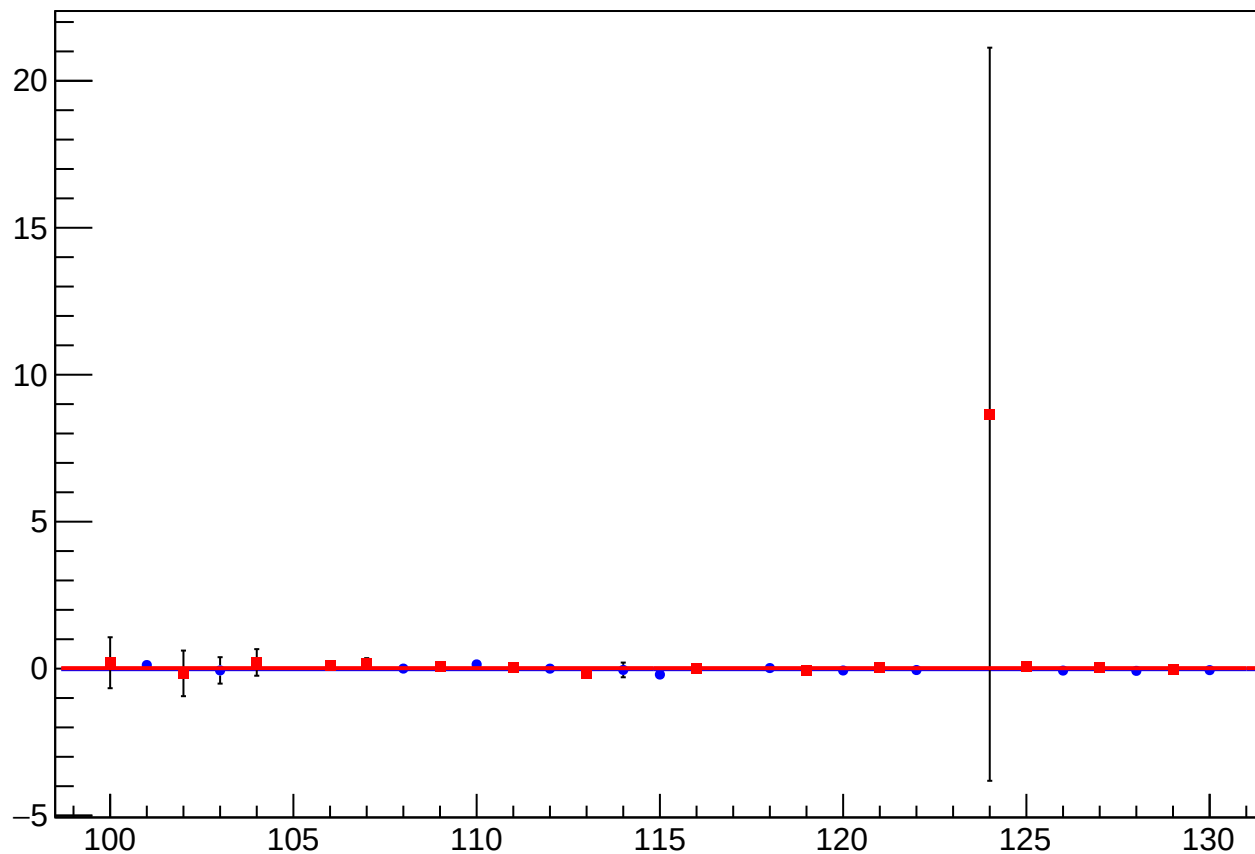
Right: 40.909 $\pm$ 0.010 χ^2/NDF : 3785346.0/27

In: 42.102 $\pm$ 0.014 χ^2/NDF : 1354160.5/12

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 40.909 $\pm$ 0.010 χ^2/NDF : 3785346.0/27

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.019+/-0.020 χ^2 /NDF: 12.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.016+/-0.020 χ^2 /NDF: 11.0/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

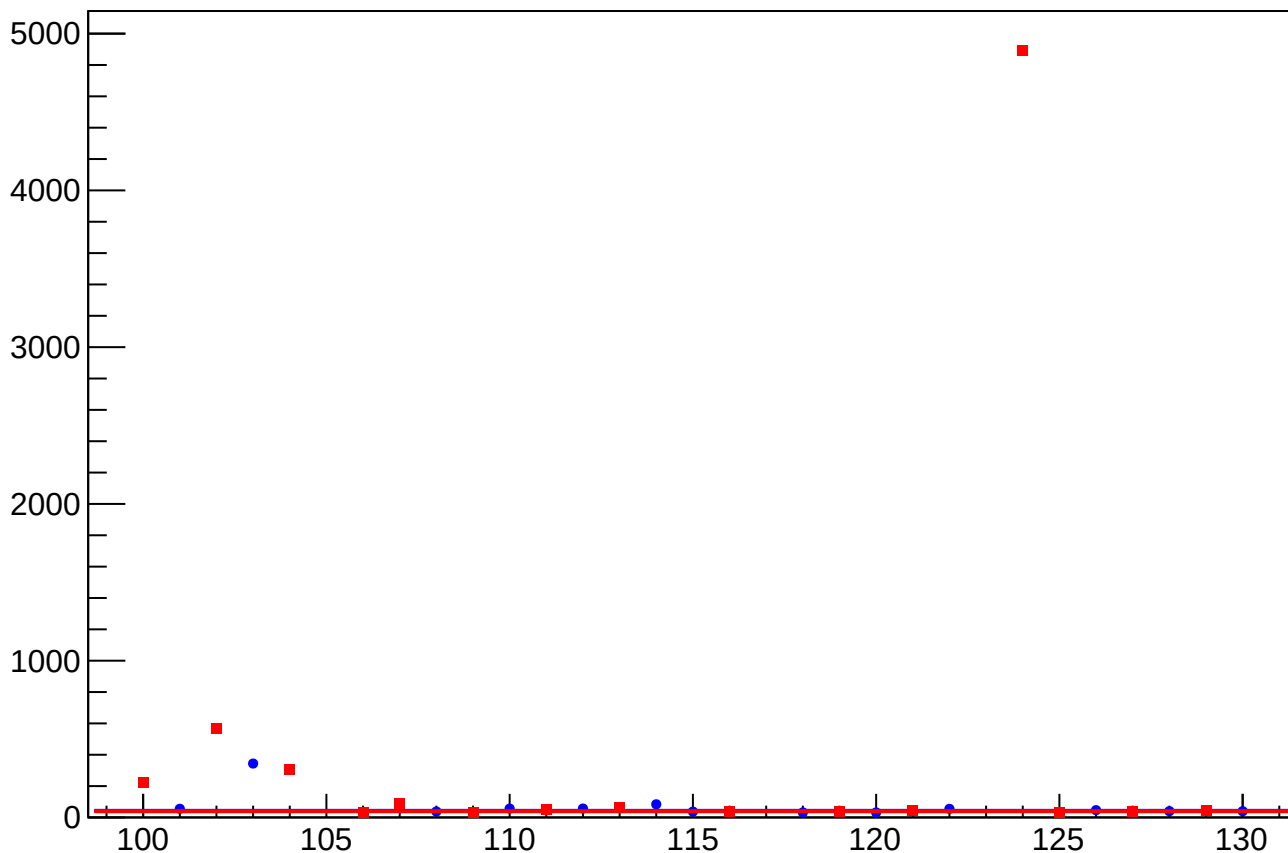
Right: -0.001+/-0.014 χ^2 /NDF: 25.1/27

In: -0.019+/-0.020 χ^2 /NDF:12.6/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.001+/-0.014 χ^2 /NDF: 25.1/27

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.102 $\pm$ 0.014 χ^2 /NDF: 1354160.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 39.746 $\pm$ 0.014 χ^2 /NDF: 2417685.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

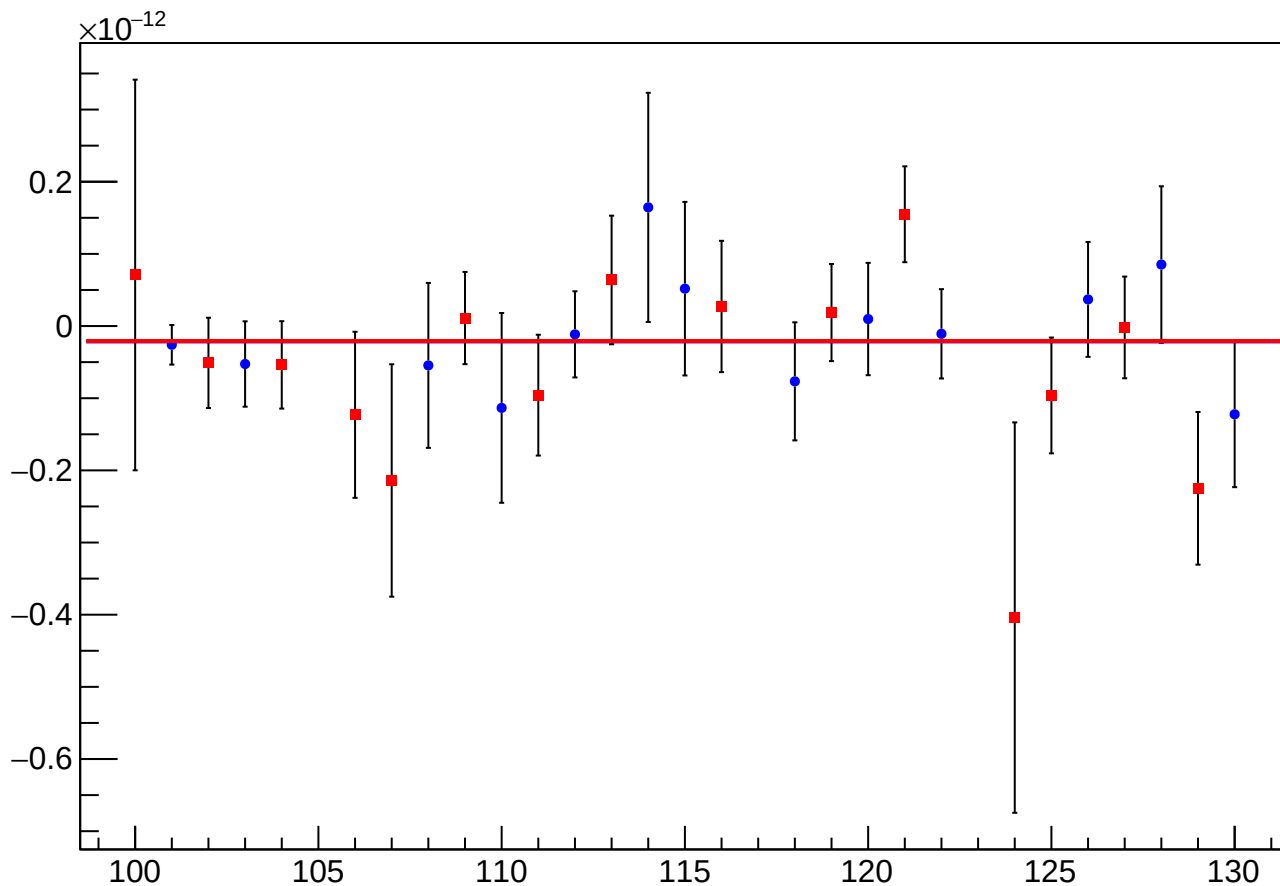
Right: 40.909 $\pm$ 0.010 χ^2 /NDF: 3785346.0/27

In: 42.102 $\pm$ 0.014 χ^2 /NDF: 1354160.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 40.909 $\pm$ 0.010 χ^2 /NDF: 3785346.0/27

asym_at1_dd_at2_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 19.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

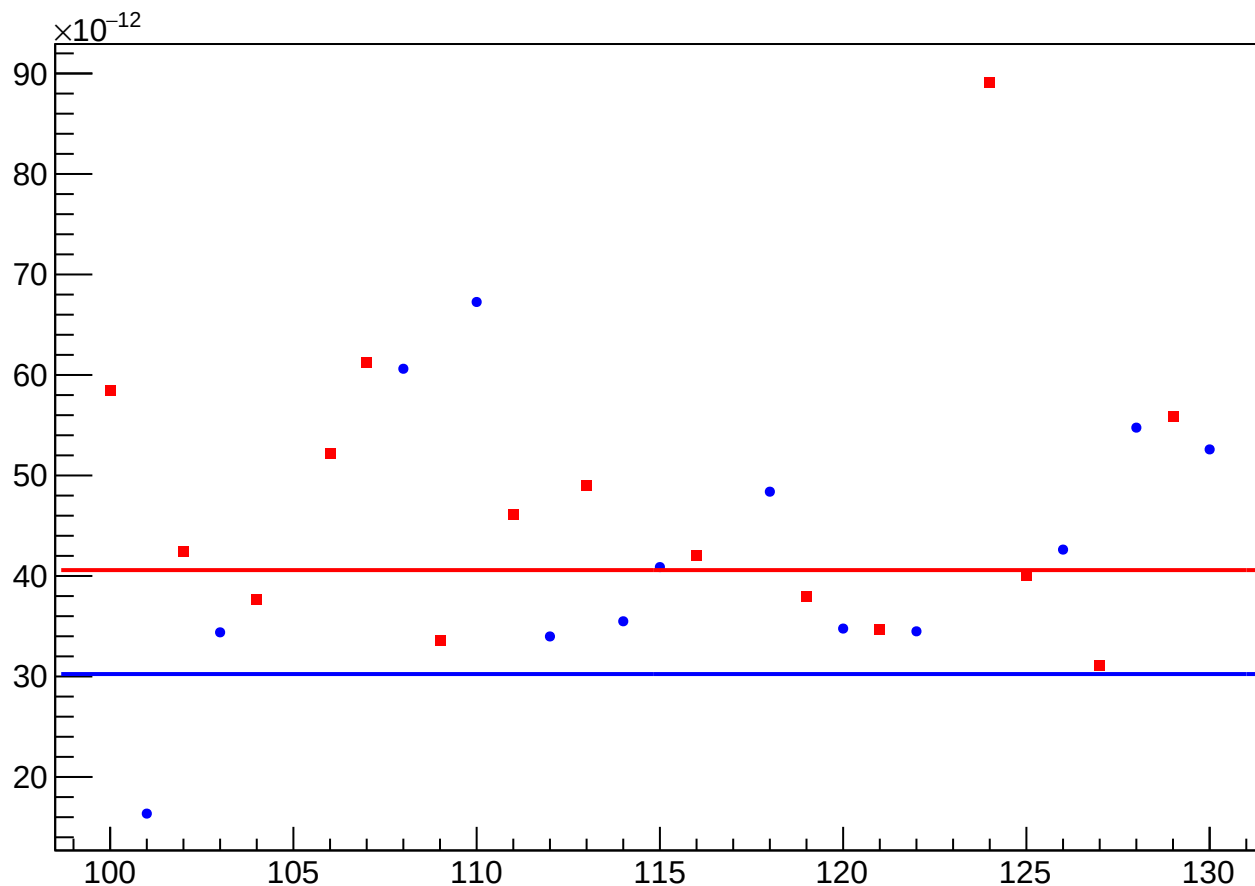
Right: -0.000+/-0.000 χ^2/NDF : 24.9/27

In: -0.000+/-0.000 χ^2/NDF : 5.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.9/27

asym_at1_dd_at2_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1210689.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 280909.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

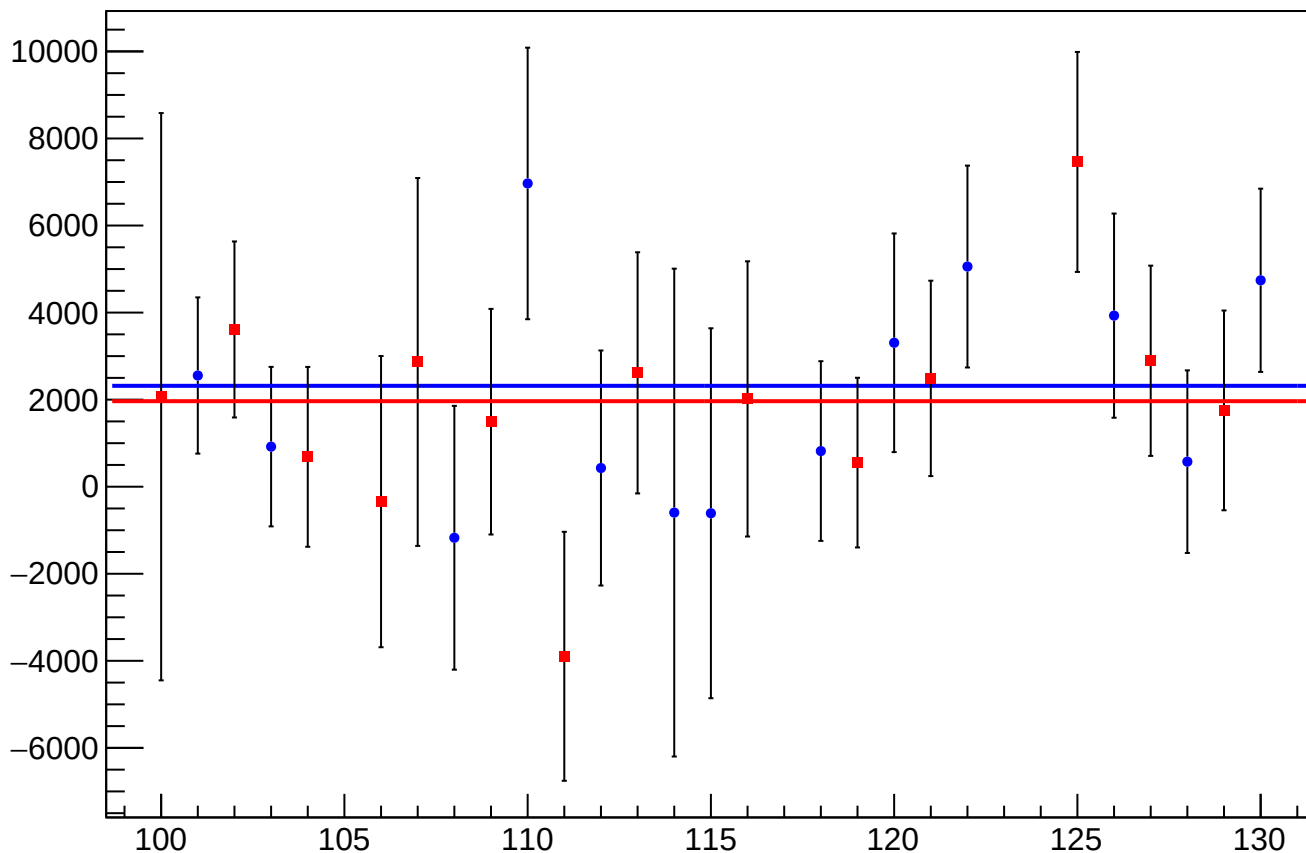
Right: 0.000+/-0.000 χ^2/NDF : 1765034.5/27

In: 0.000+/-0.000 χ^2/NDF : 1210689.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1765034.5/27

reg_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2317.615+/-665.383 χ^2/NDF : 9.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1964.947+/-679.307 χ^2/NDF : 11.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

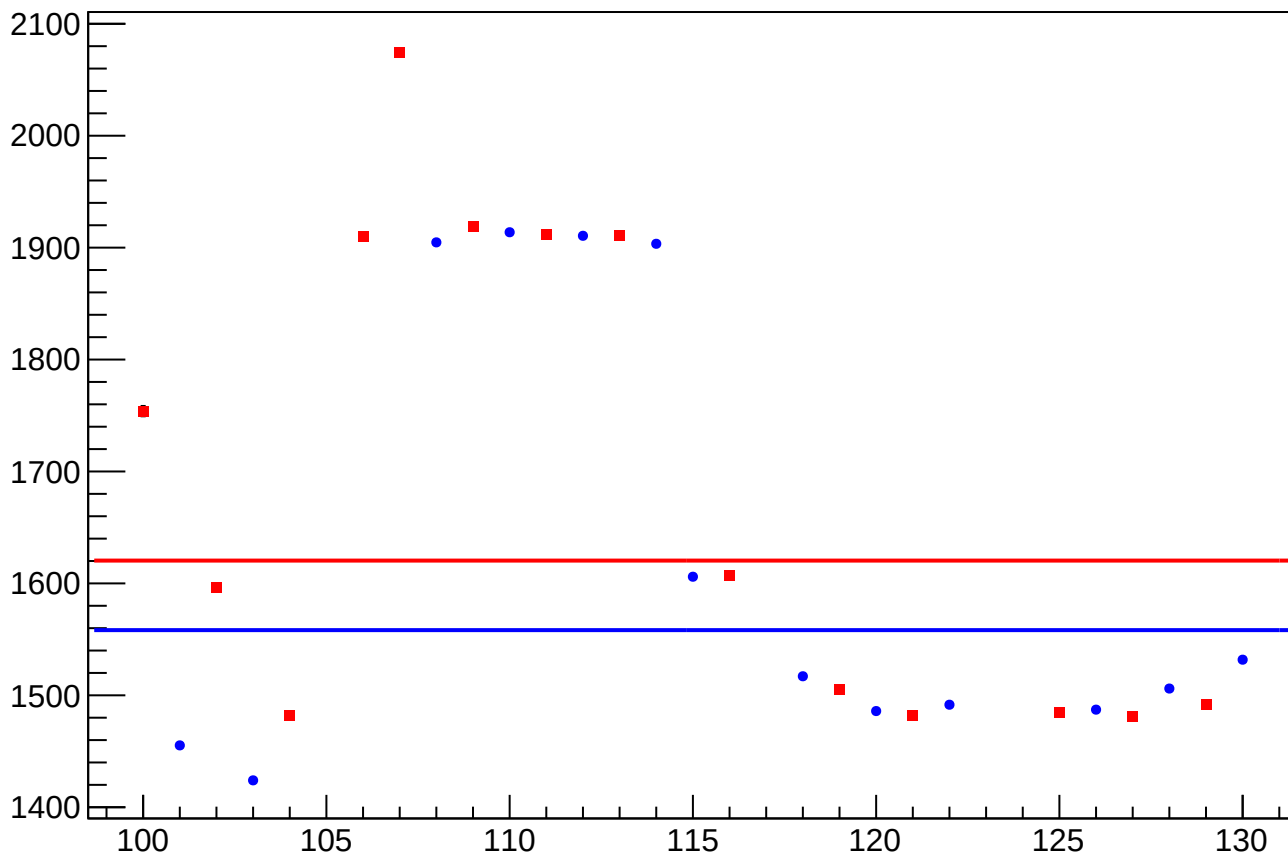
Right: 2144.933+/-475.343 χ^2/NDF : 21.4/26

In: 2317.615+/-665.383 χ^2/NDF : 9.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2144.933+/-475.343 χ^2/NDF : 21.4/26

reg_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1558.246+/-0.470 χ^2/NDF : 118846.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1620.385+/-0.480 χ^2/NDF : 152383.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

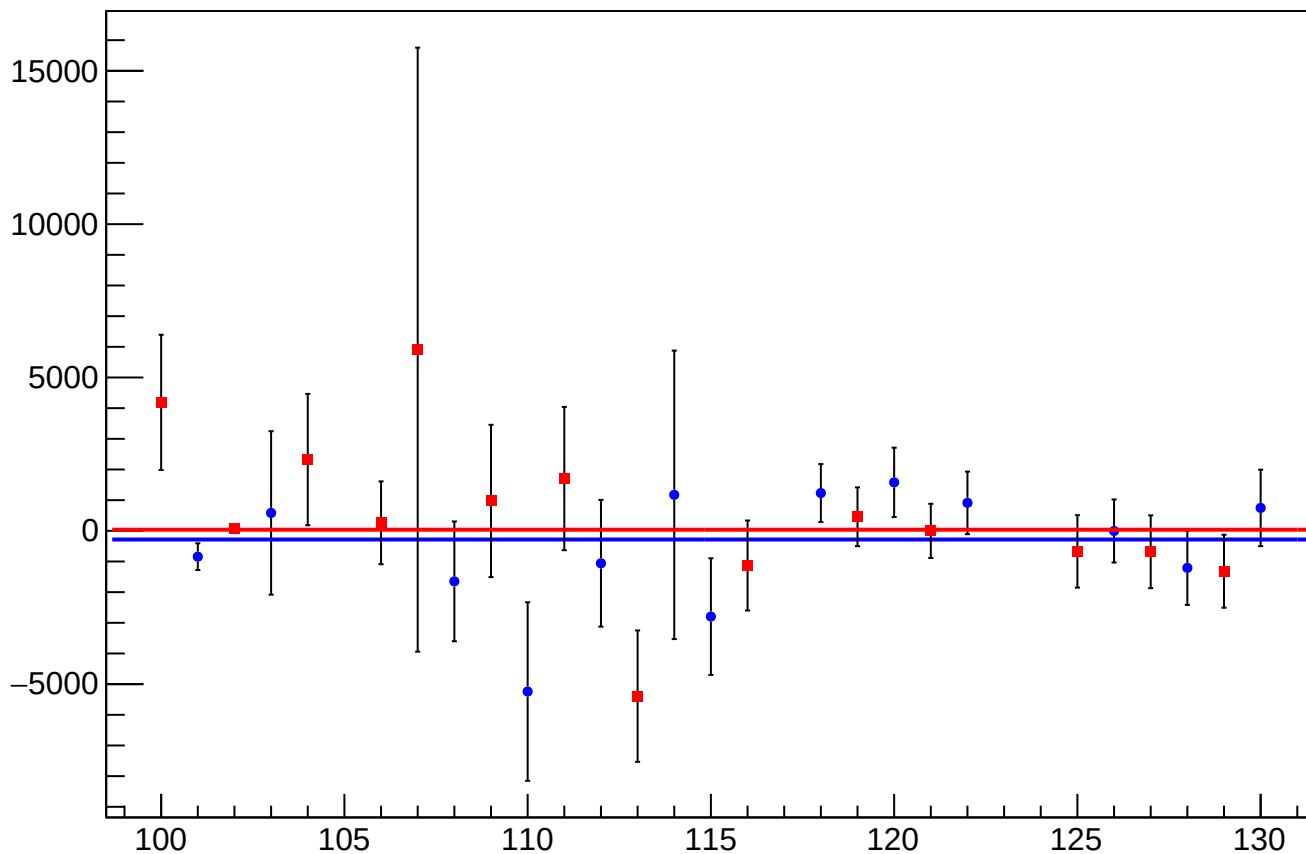
Right: 1588.672+/-0.336 χ^2/NDF : 279771.1/26

In: 1558.246+/-0.470 χ^2/NDF : 118846.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1588.672+/-0.336 χ^2/NDF : 279771.1/26

asym_usl_atl1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -283.356 ± 295.031 χ^2/NDF : 15.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 36.520 ± 129.946 χ^2/NDF : 15.0/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

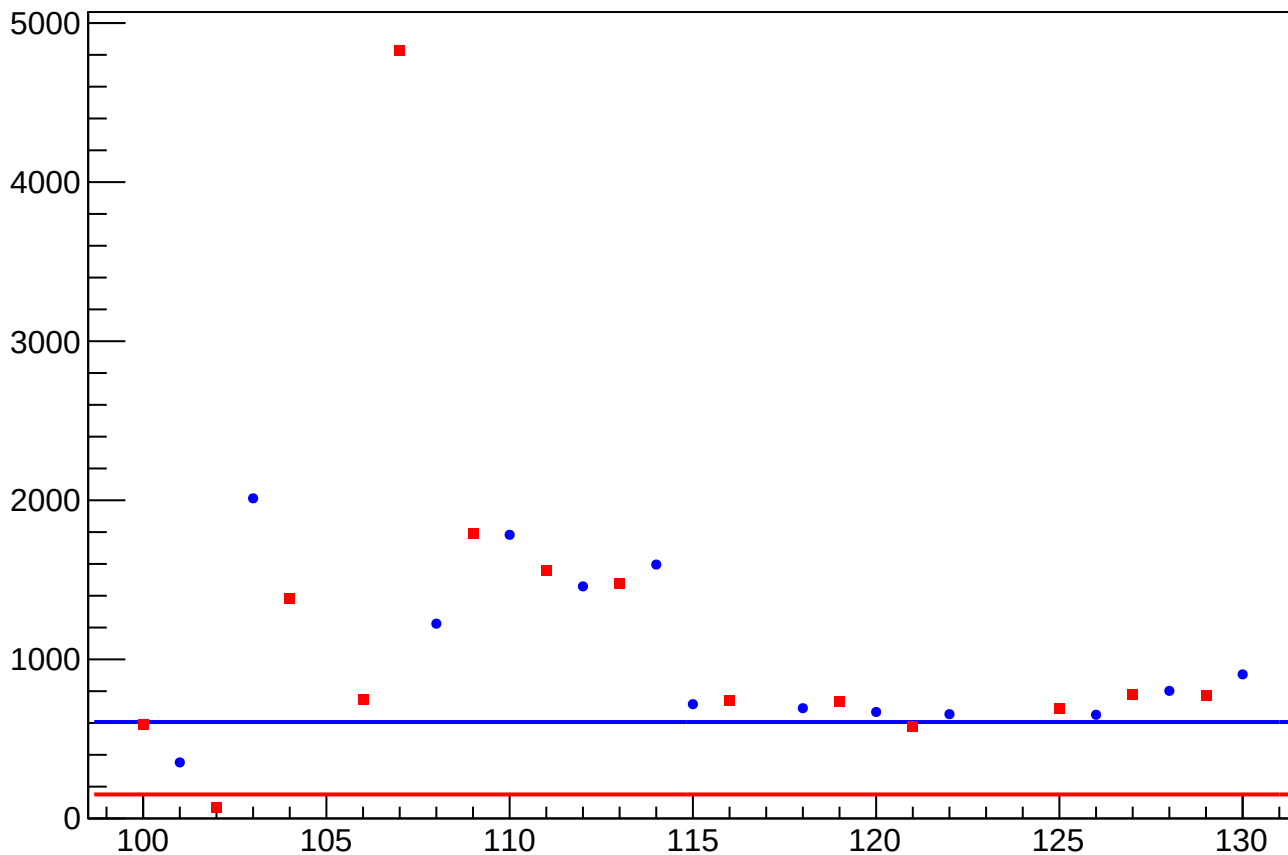
Right: -15.452 ± 118.922 χ^2/NDF : 31.1/26

In: -283.356 ± 295.031 χ^2/NDF : 15.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.452 ± 118.922 χ^2/NDF : 31.1/26

asym_usl_atl1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 606.086+/-0.209 χ^2/NDF : 2399875.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.033+/-0.092 χ^2/NDF : 7698416.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

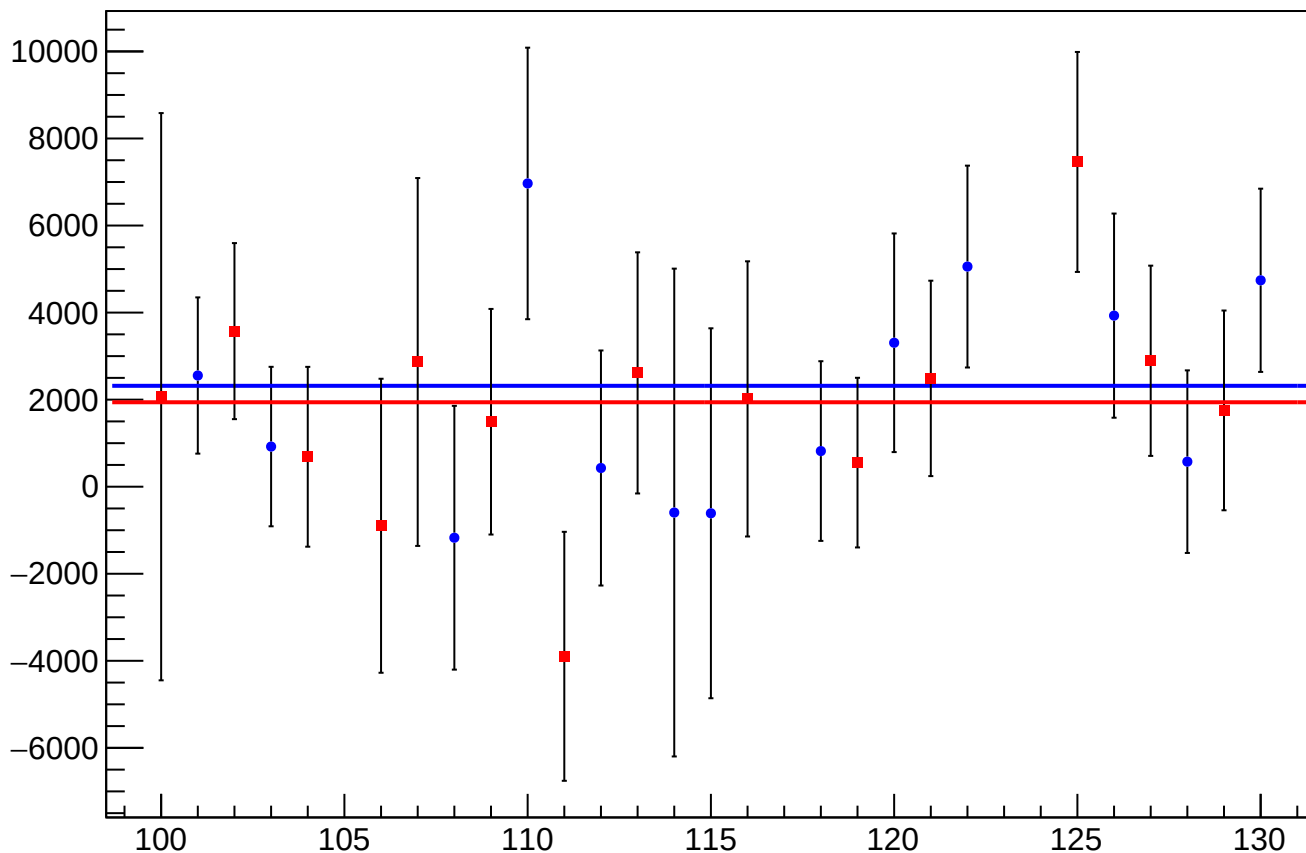
Right: 224.968+/-0.084 χ^2/NDF : 14083179.5/26

In: 606.086+/-0.209 χ^2/NDF : 2399875.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 224.968+/-0.084 χ^2/NDF : 14083179.5/26

cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2317.828+/-665.383 χ^2/NDF : 9.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1939.939+/-679.584 χ^2/NDF : 11.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

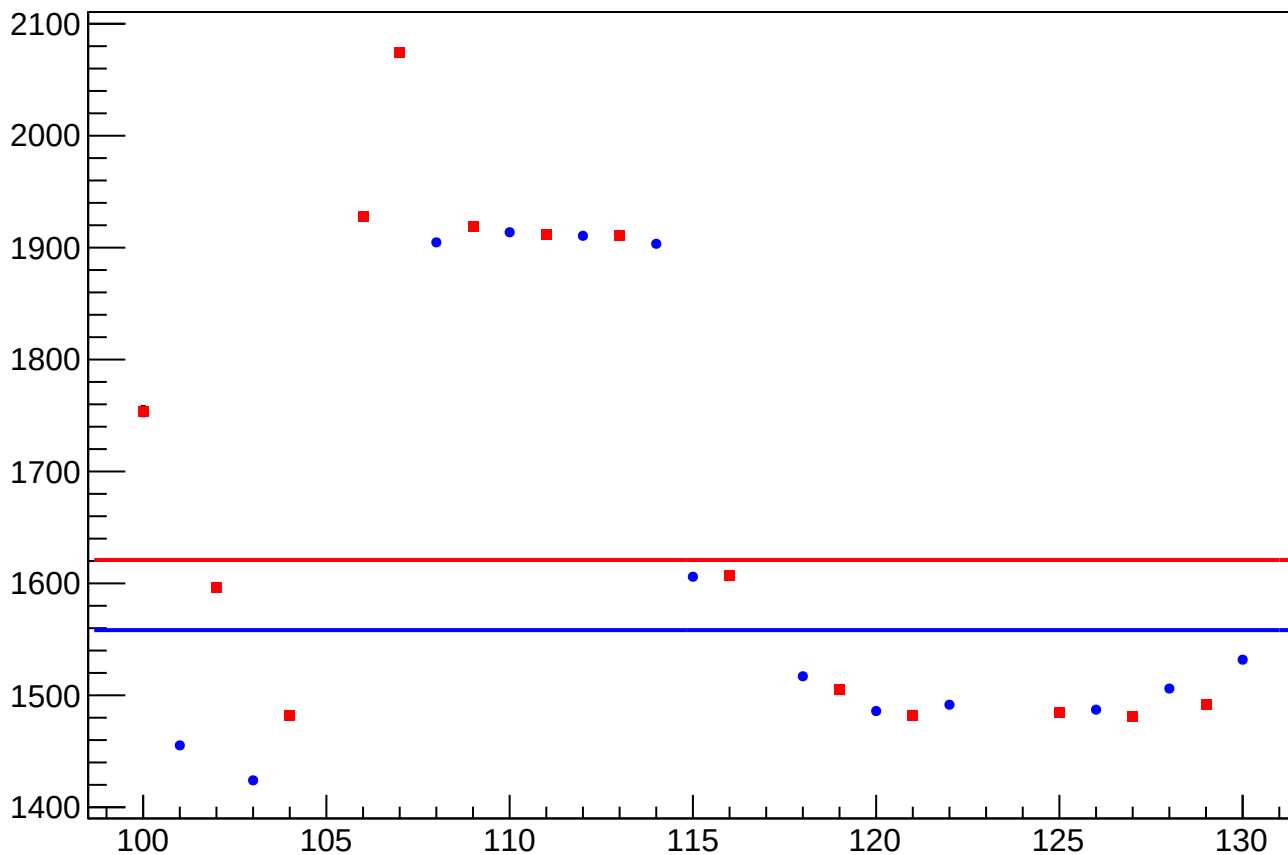
Right: 2132.873+/-475.438 χ^2/NDF : 21.7/26

In: 2317.828+/-665.383 χ^2/NDF : 9.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2132.873+/-475.438 χ^2/NDF : 21.7/26

cor_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1558.246+/-0.470 χ^2/NDF : 118846.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1620.923+/-0.481 χ^2/NDF : 154012.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

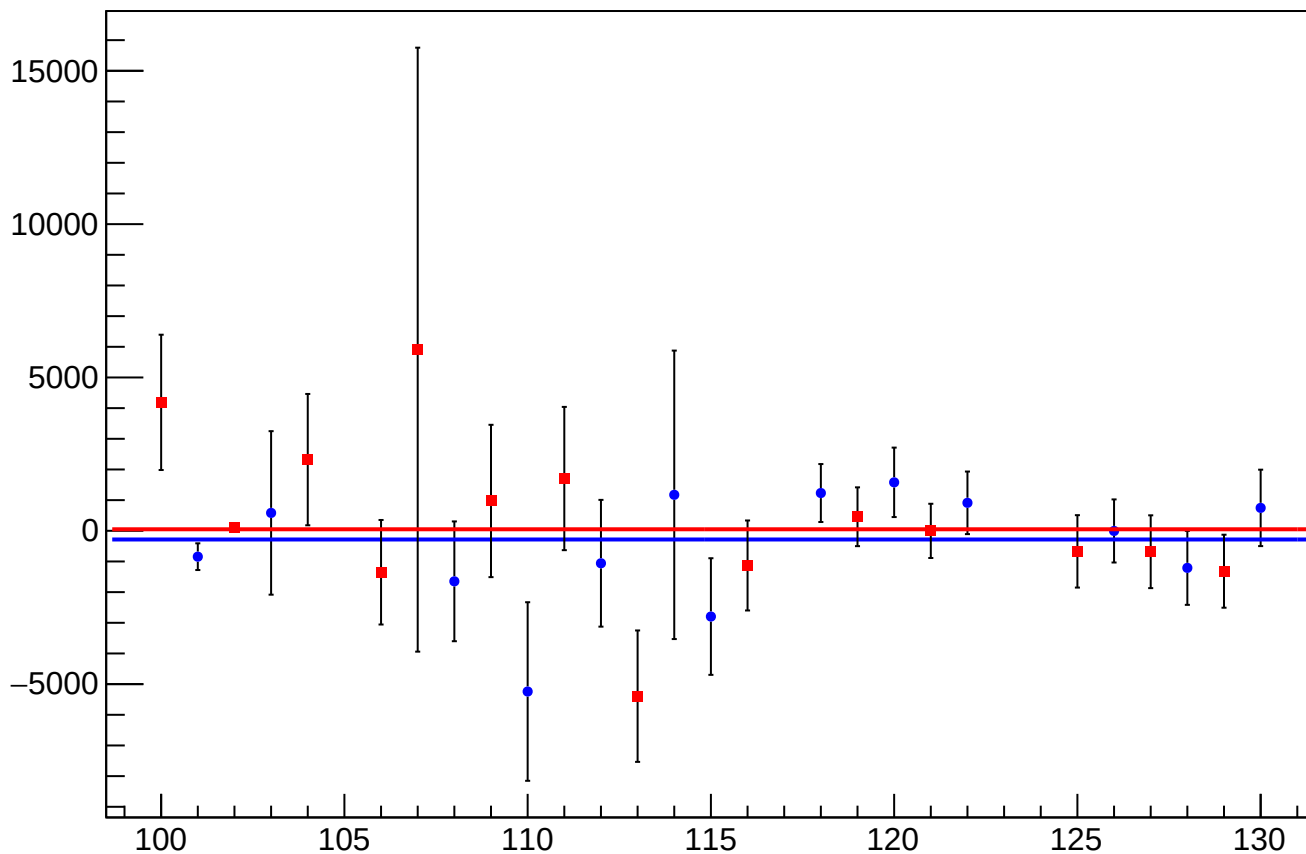
Right: 1588.923+/-0.336 χ^2/NDF : 281544.6/26

In: 1558.246+/-0.470 χ^2/NDF : 118846.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1588.923+/-0.336 χ^2/NDF : 281544.6/26

asym_usl_atl1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -283.277+/-295.030 χ^2/NDF : 15.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.838+/-140.993 χ^2/NDF : 15.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

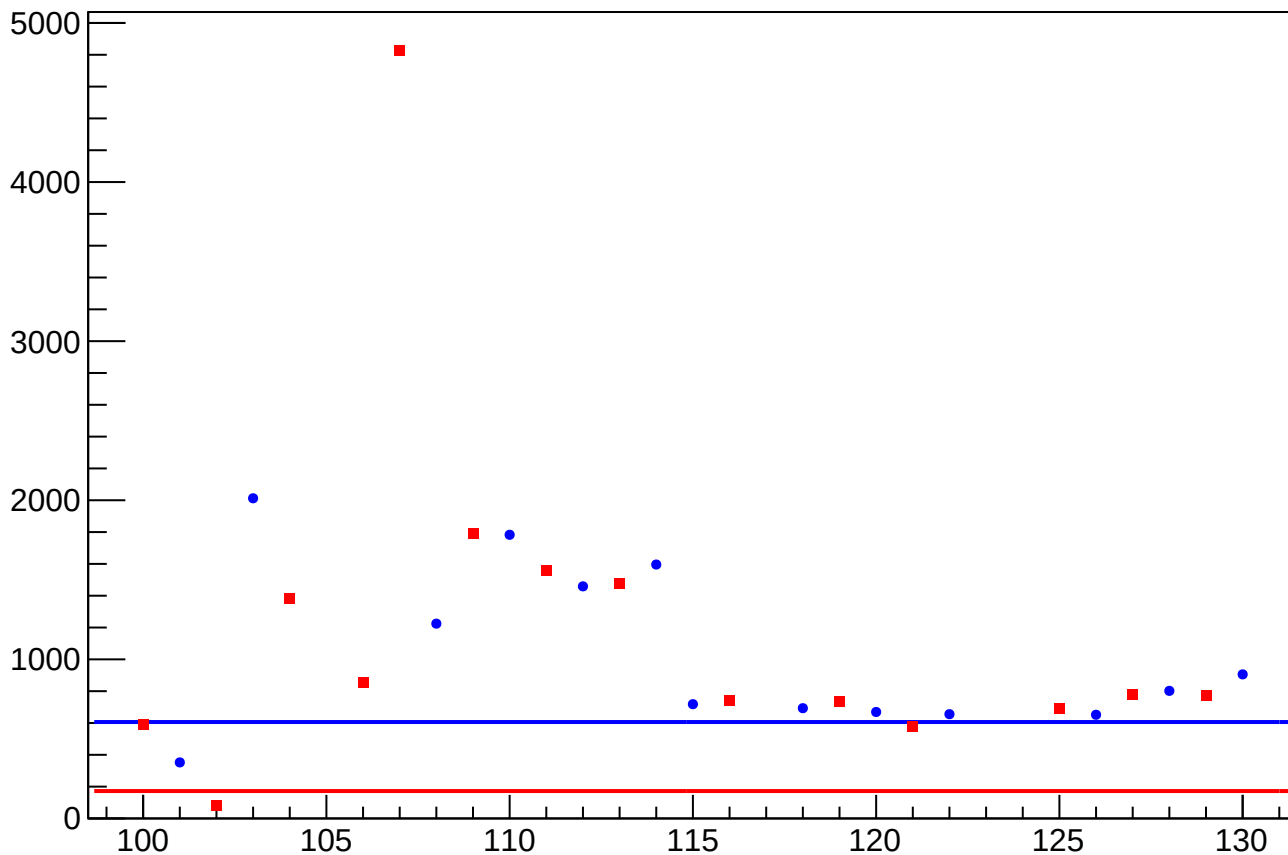
Right: -12.095+/-127.213 χ^2/NDF : 31.9/26

In: -283.277+/-295.030 χ^2/NDF : 15.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.095+/-127.213 χ^2/NDF : 31.9/26

asym_usl_atl1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 606.083+/-0.209 χ^2/NDF : 2399894.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 172.269+/-0.100 χ^2/NDF : 7351377.8/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

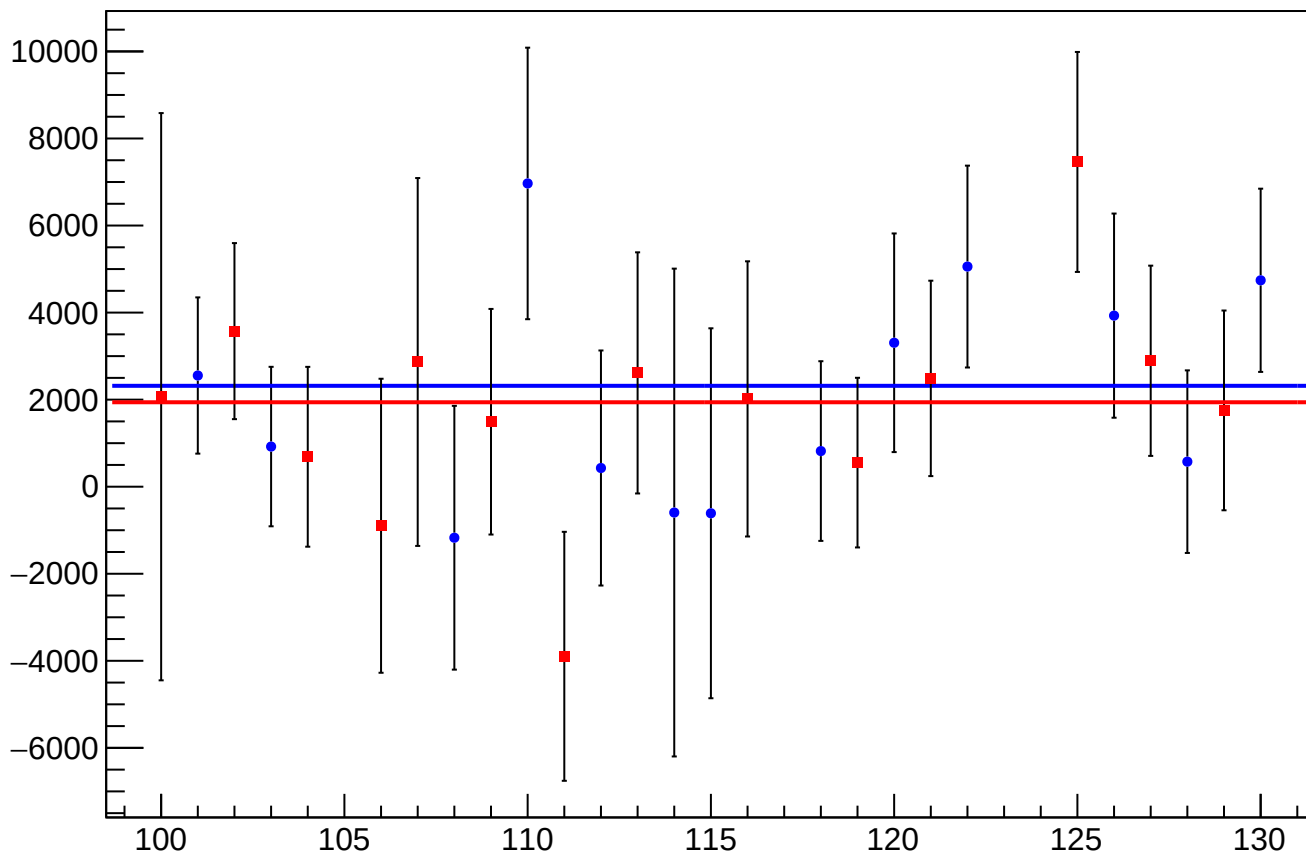
Right: 252.924+/-0.090 χ^2/NDF : 13271499.9/26

In: 606.083+/-0.209 χ^2/NDF :2399894.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 252.924+/-0.090 χ^2/NDF : 13271499.9/26

eigen_cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2317.828+/-665.383 χ^2/NDF : 9.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1939.939+/-679.584 χ^2/NDF : 11.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

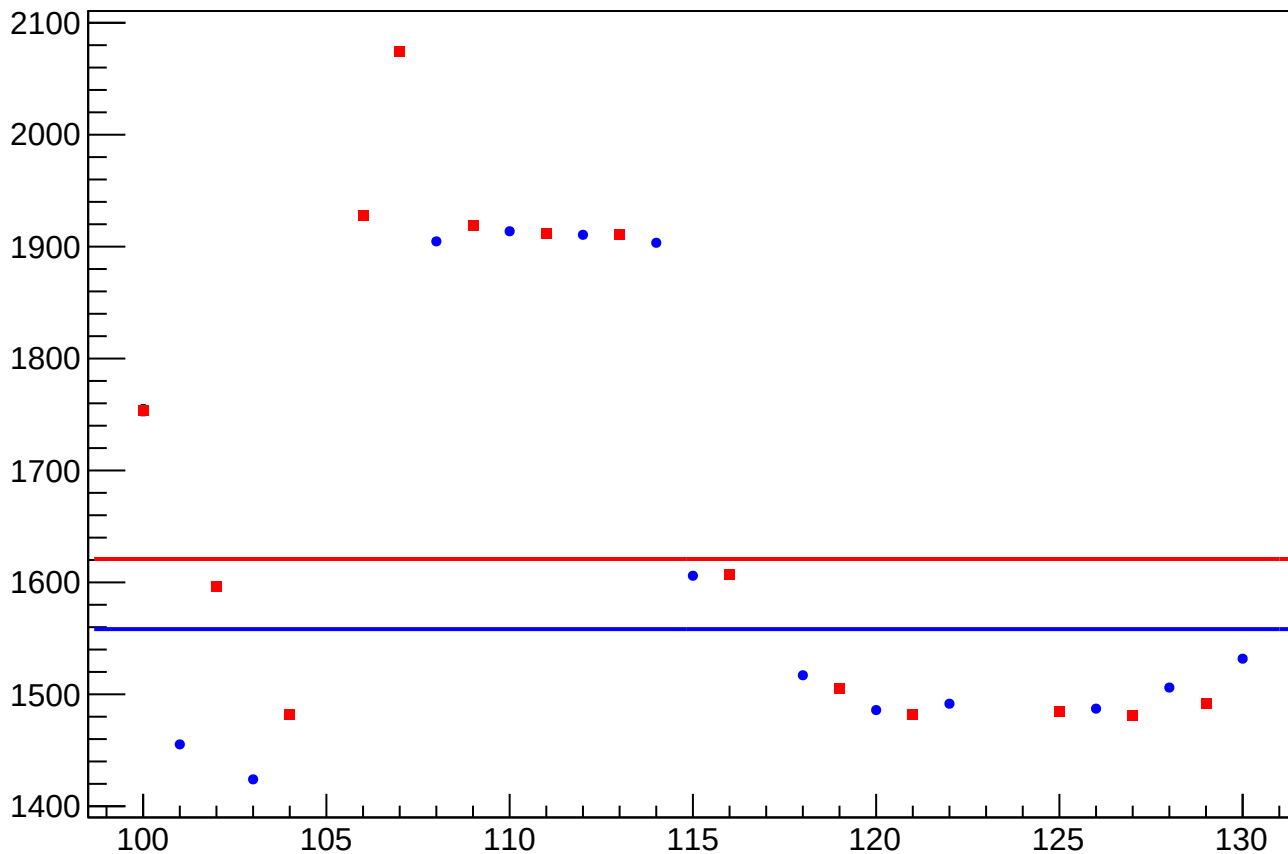
Right: 2132.873+/-475.438 χ^2/NDF : 21.7/26

In: 2317.828+/-665.383 χ^2/NDF : 9.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2132.873+/-475.438 χ^2/NDF : 21.7/26

eigen_cor_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1558.246+/-0.470 χ^2/NDF : 118846.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1620.923+/-0.481 χ^2/NDF : 154012.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

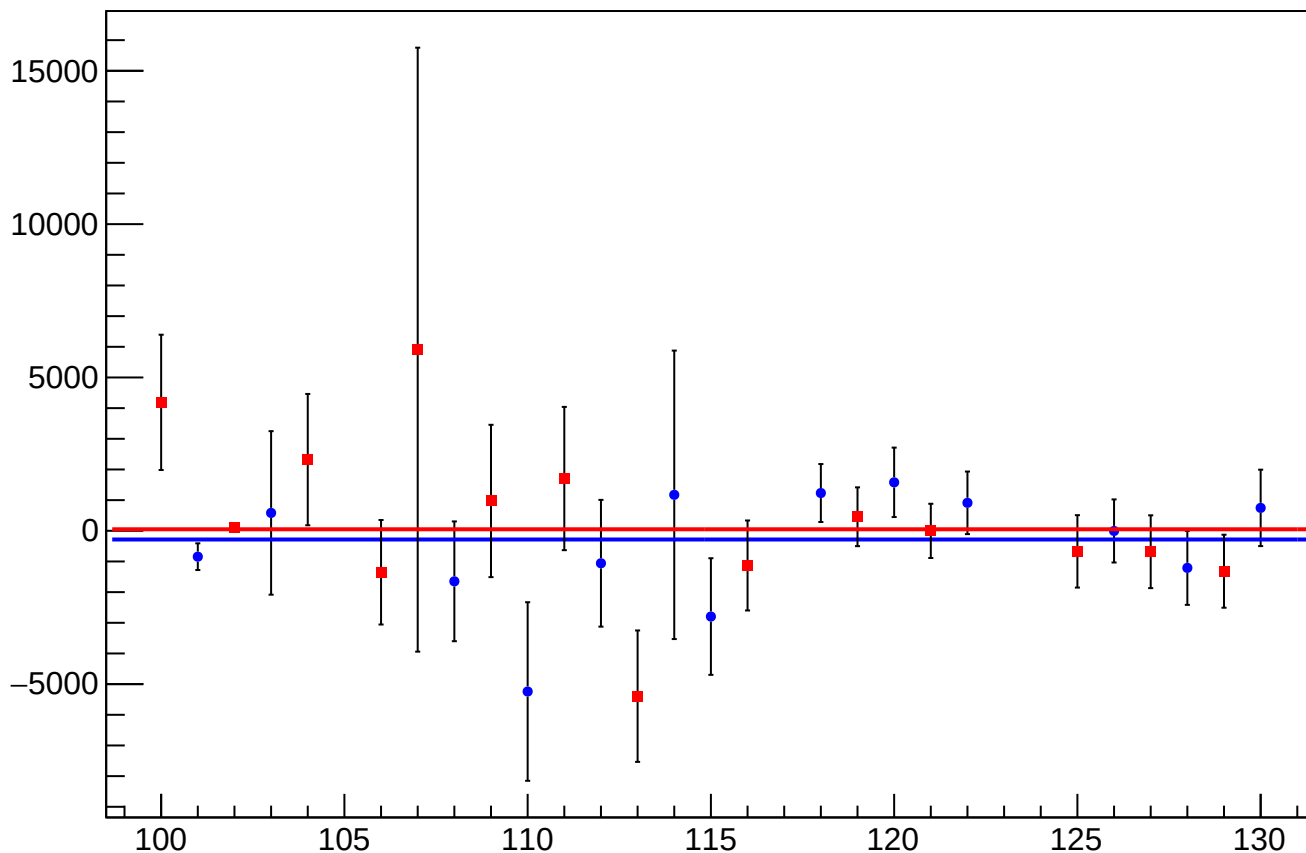
Right: 1588.923+/-0.336 χ^2/NDF : 281544.6/26

In: 1558.246+/-0.470 χ^2/NDF : 118846.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1588.923+/-0.336 χ^2/NDF : 281544.6/26

asym_usl_atl1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -283.277+/-295.030 χ^2/NDF : 15.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.838+/-140.993 χ^2/NDF : 15.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

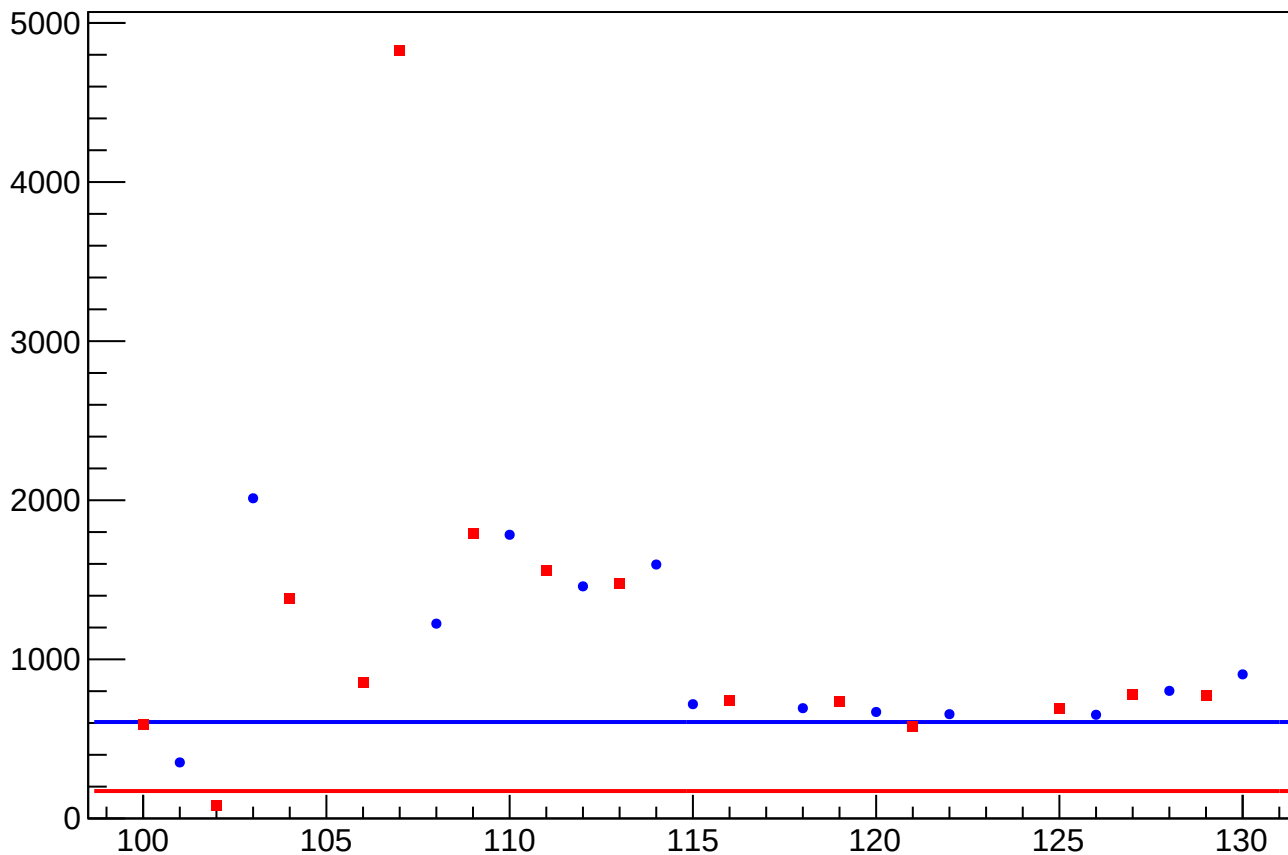
Right: -12.095+/-127.213 χ^2/NDF : 31.9/26

In: -283.277+/-295.030 χ^2/NDF : 15.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.095+/-127.213 χ^2/NDF : 31.9/26

asym_usl_atl1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 606.083+/-0.209 χ^2/NDF : 2399894.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 172.269+/-0.100 χ^2/NDF : 7351377.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

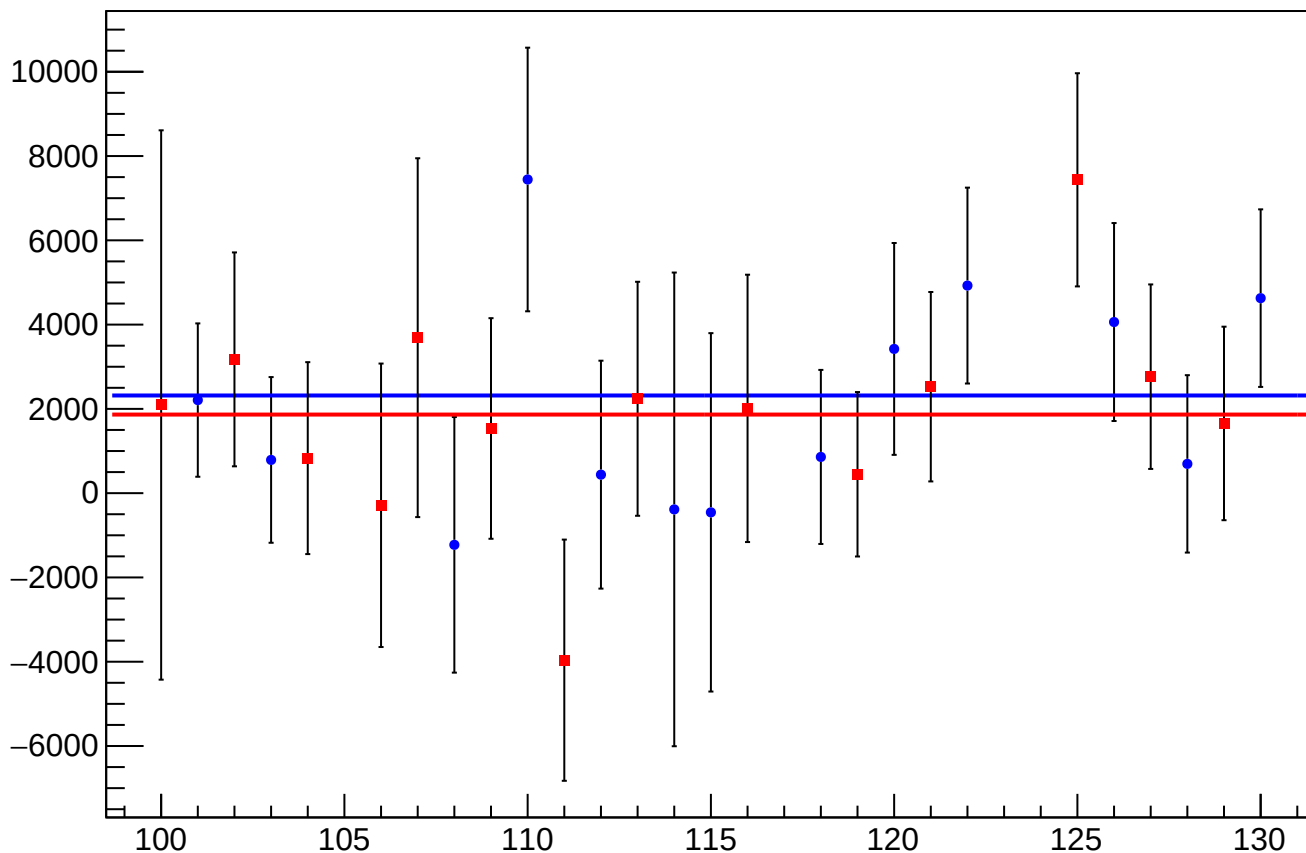
Right: 252.924+/-0.090 χ^2/NDF : 13271499.9/26

In: 606.083+/-0.209 χ^2/NDF : 2399894.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 252.924+/-0.090 χ^2/NDF : 13271499.9/26

dit_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2317.879+/-673.364 χ^2/NDF : 10.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1865.076+/-702.272 χ^2/NDF : 10.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

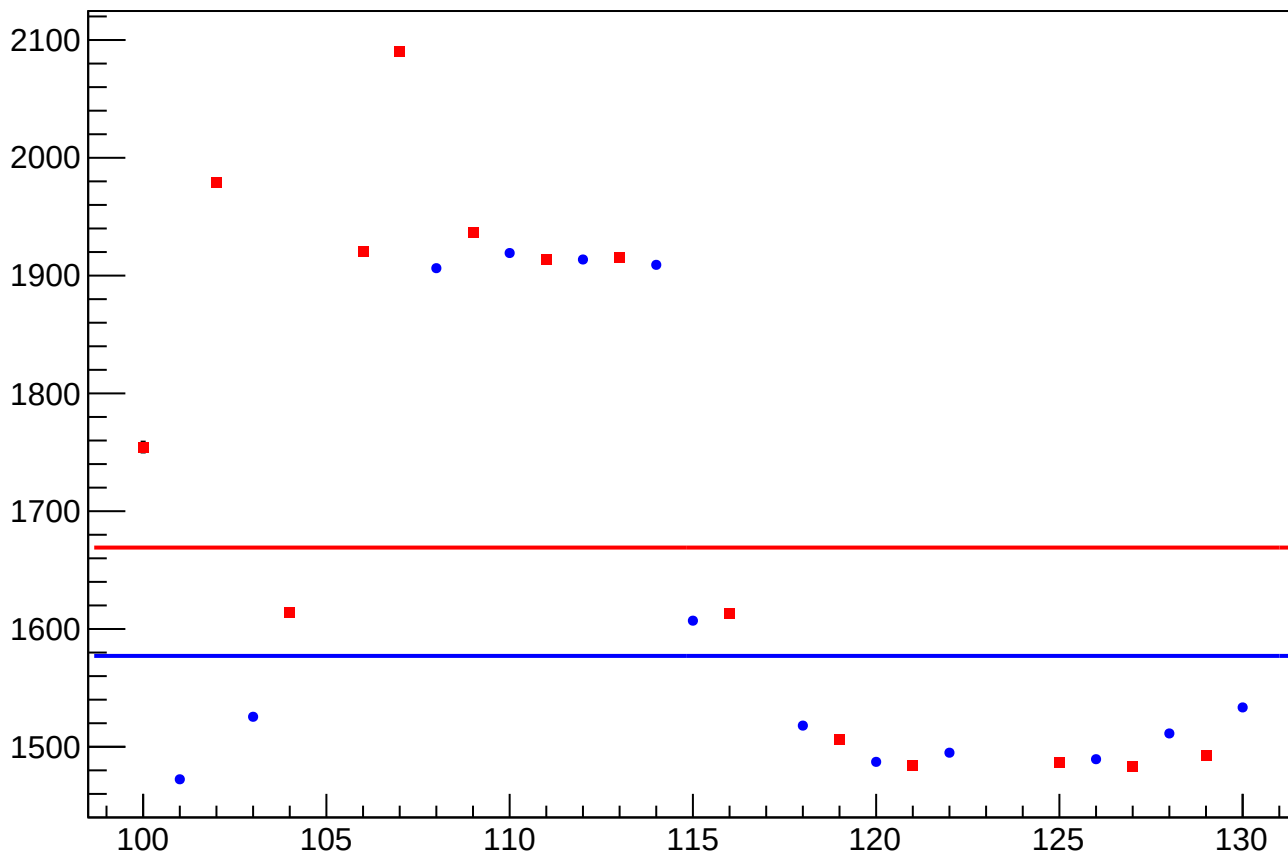
Right: 2100.989+/-486.039 χ^2/NDF : 21.2/26

In: 2317.879+/-673.364 χ^2/NDF : 10.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2100.989+/-486.039 χ^2/NDF : 21.2/26

dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1577.156+/-0.476 χ^2/NDF : 105830.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1669.125+/-0.497 χ^2/NDF : 178166.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

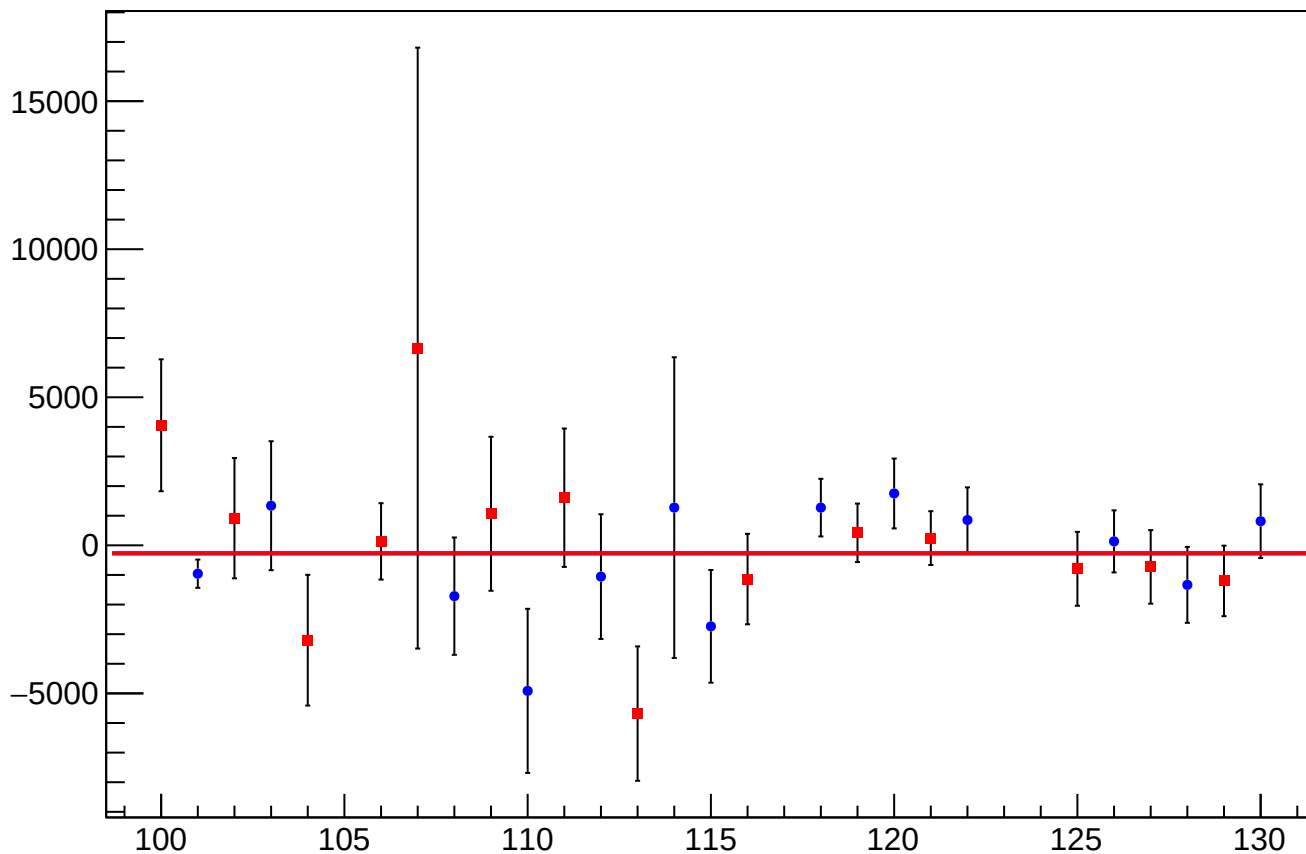
Right: 1621.208+/-0.344 χ^2/NDF : 301866.8/26

In: 1577.156+/-0.476 χ^2/NDF : 105830.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1621.208+/-0.344 χ^2/NDF : 301866.8/26

asym_usl_atl1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -273.183+/-311.669 χ^2/NDF : 16.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -265.694+/-393.926 χ^2/NDF : 15.1/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

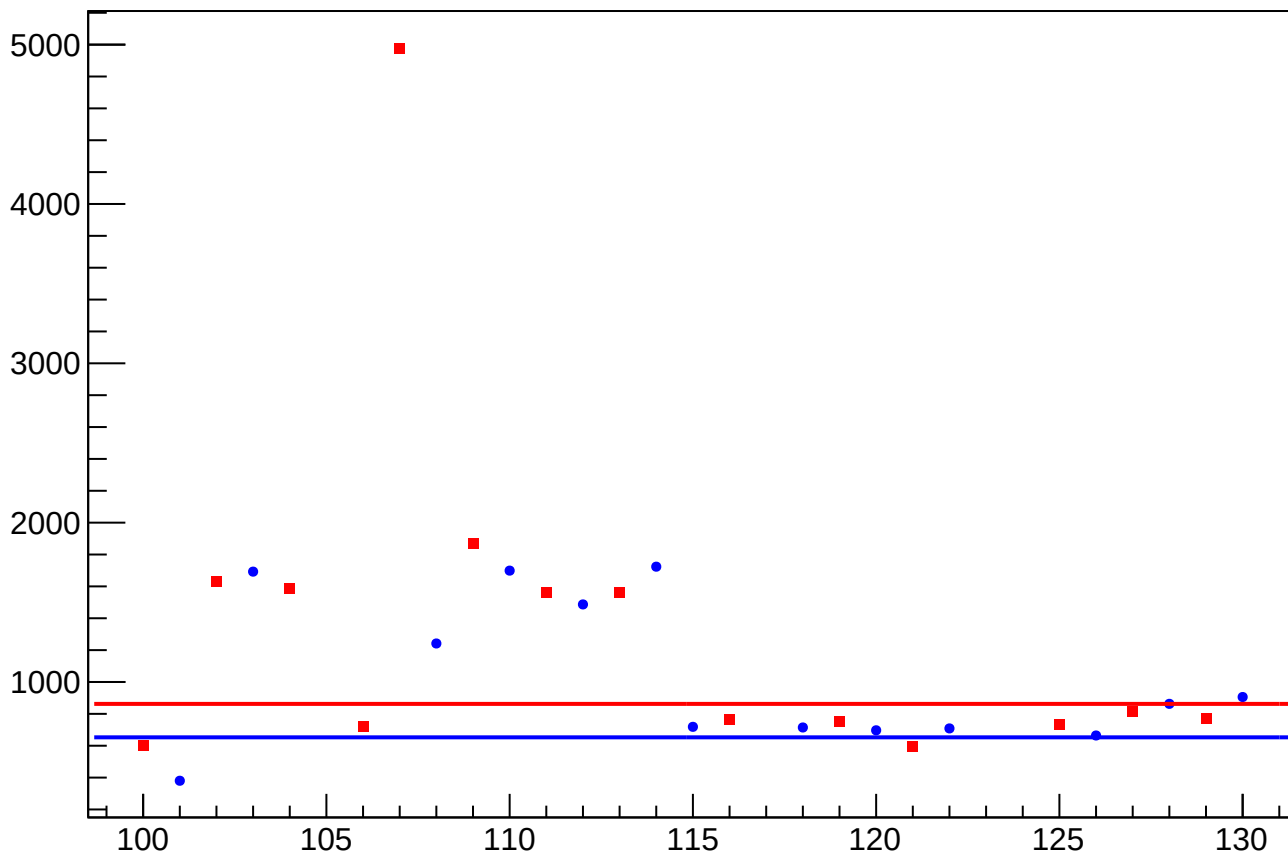
Right: -270.300+/-244.420 χ^2/NDF : 31.1/26

In: -273.183+/-311.669 χ^2/NDF :16.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -270.300+/-244.420 χ^2/NDF : 31.1/26

asym_usl_atl1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 652.657+/-0.220 χ^2/NDF : 2128473.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 862.507+/-0.279 χ^2/NDF : 1788059.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

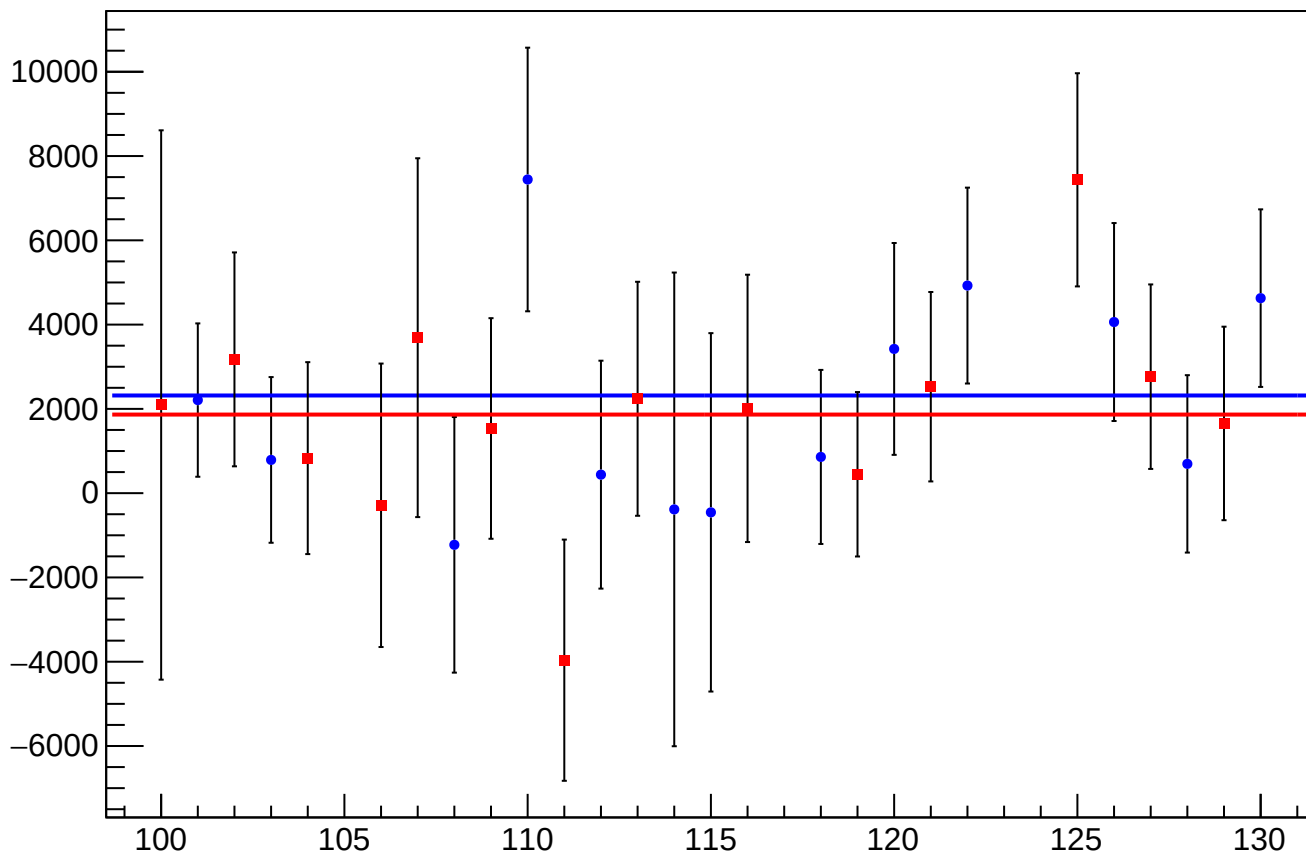
Right: 733.446+/-0.173 χ^2/NDF : 4265594.6/26

In: 652.657+/-0.220 χ^2/NDF : 2128473.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 733.446+/-0.173 χ^2/NDF : 4265594.6/26

eigen_dit_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2317.877+/-673.364 χ^2/NDF : 10.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1865.074+/-702.272 χ^2/NDF : 10.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

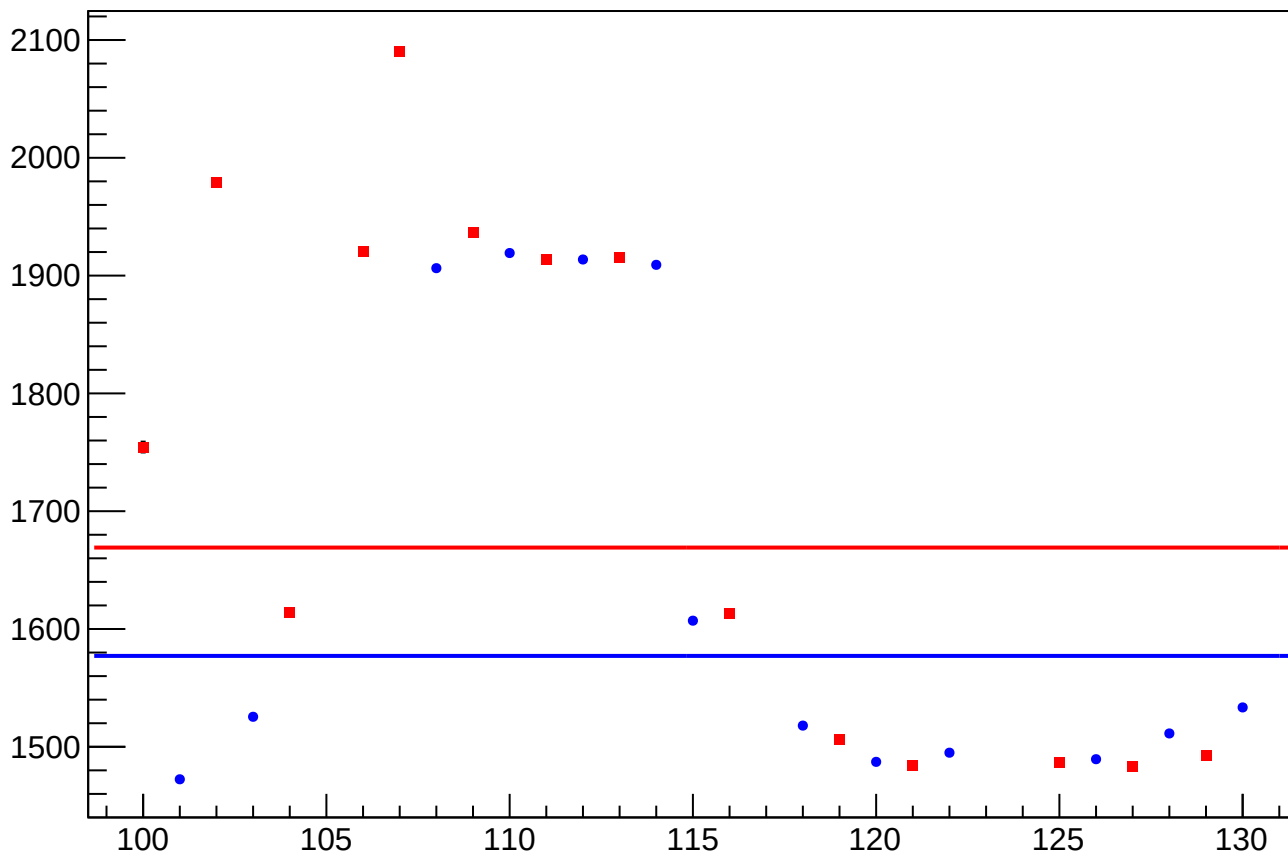
Right: 2100.986+/-486.039 χ^2/NDF : 21.2/26

In: 2317.877+/-673.364 χ^2/NDF : 10.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2100.986+/-486.039 χ^2/NDF : 21.2/26

eigen_dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1577.155+/-0.476 χ^2/NDF : 105830.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1669.124+/-0.497 χ^2/NDF : 178166.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

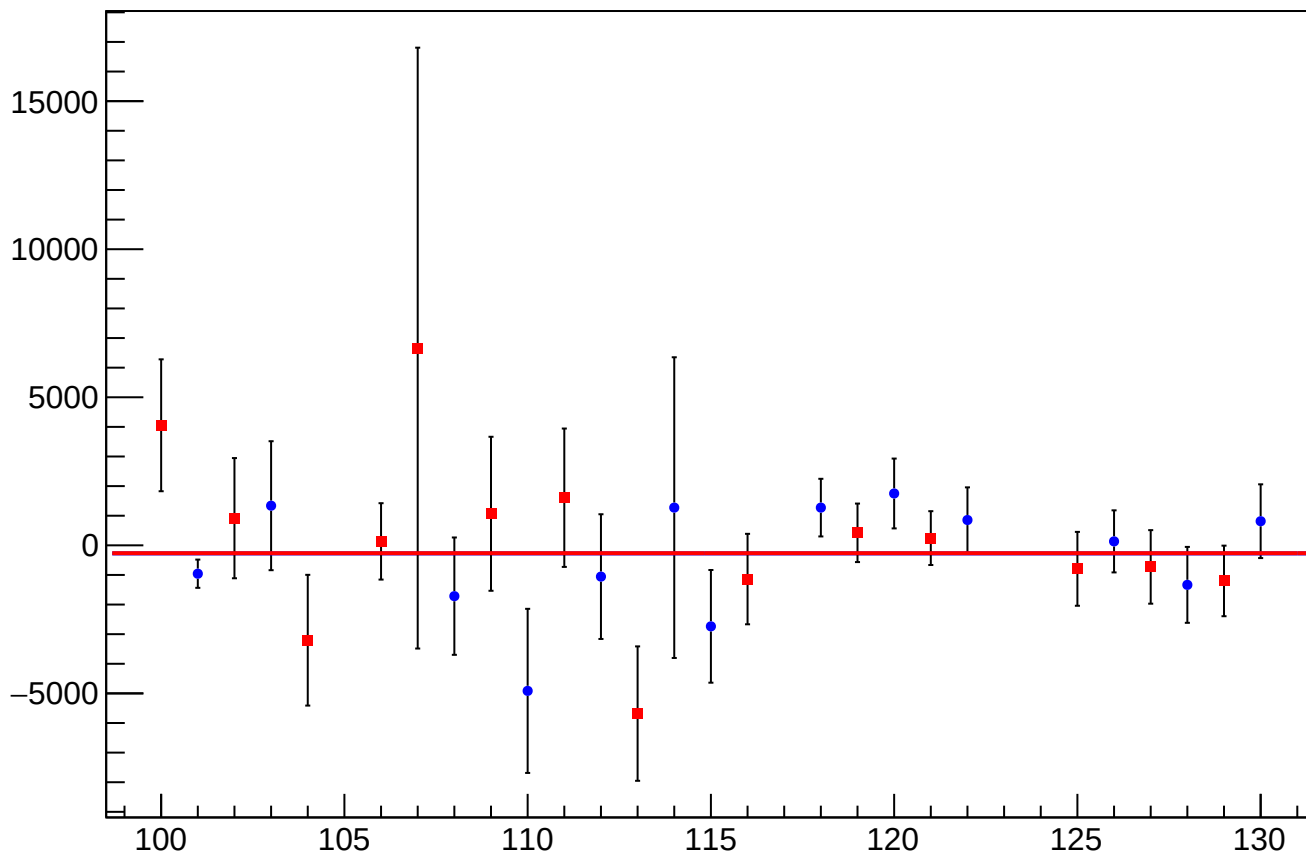
Right: 1621.208+/-0.344 χ^2/NDF : 301867.0/26

In: 1577.155+/-0.476 χ^2/NDF : 105830.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1621.208+/-0.344 χ^2/NDF : 301867.0/26

asym_usl_atl1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -273.181+/-311.669 χ^2/NDF : 16.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -265.693+/-393.926 χ^2/NDF : 15.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

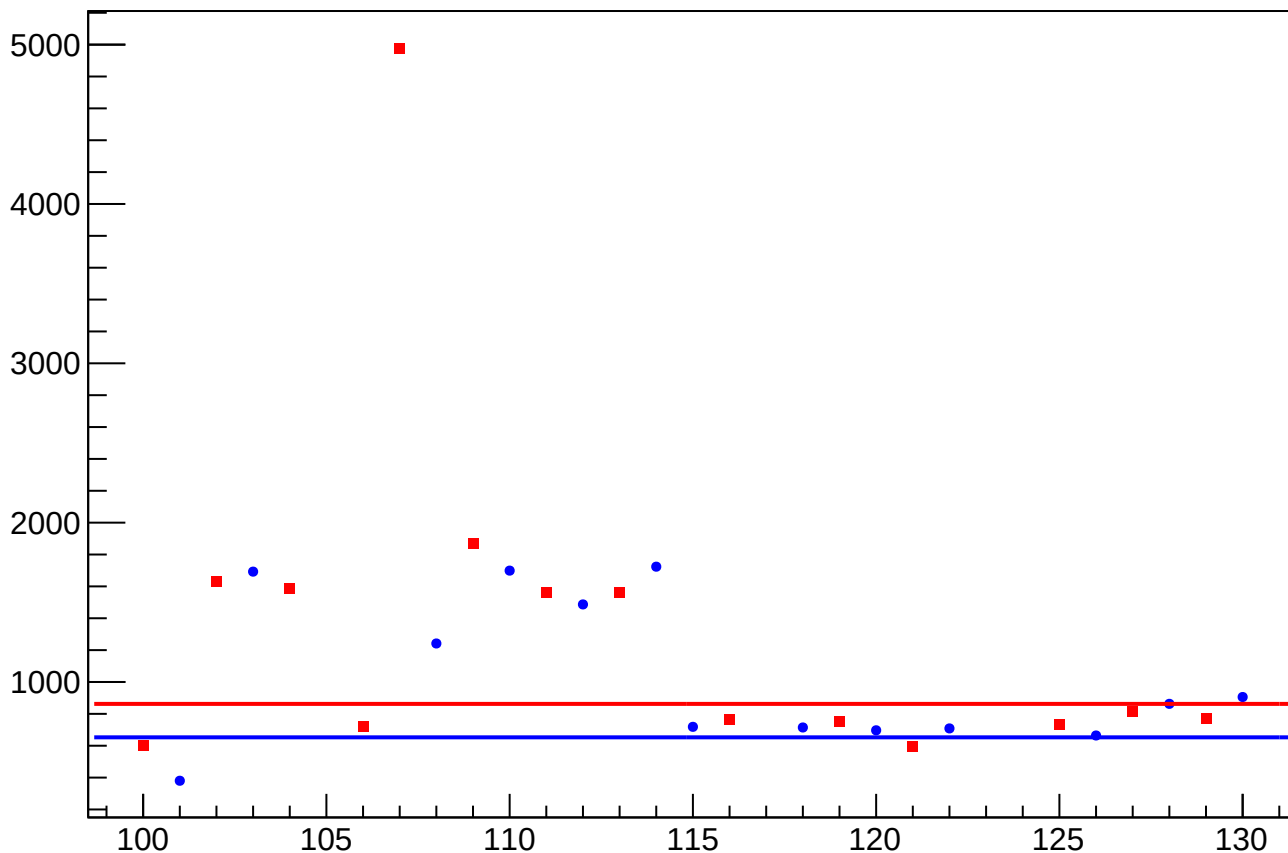
Right: -270.298+/-244.420 χ^2/NDF : 31.1/26

In: -273.181+/-311.669 χ^2/NDF : 16.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -270.298+/-244.420 χ^2/NDF : 31.1/26

asym_usl_atl1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 652.657+/-0.220 χ^2/NDF : 2128465.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 862.505+/-0.279 χ^2/NDF : 1788067.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

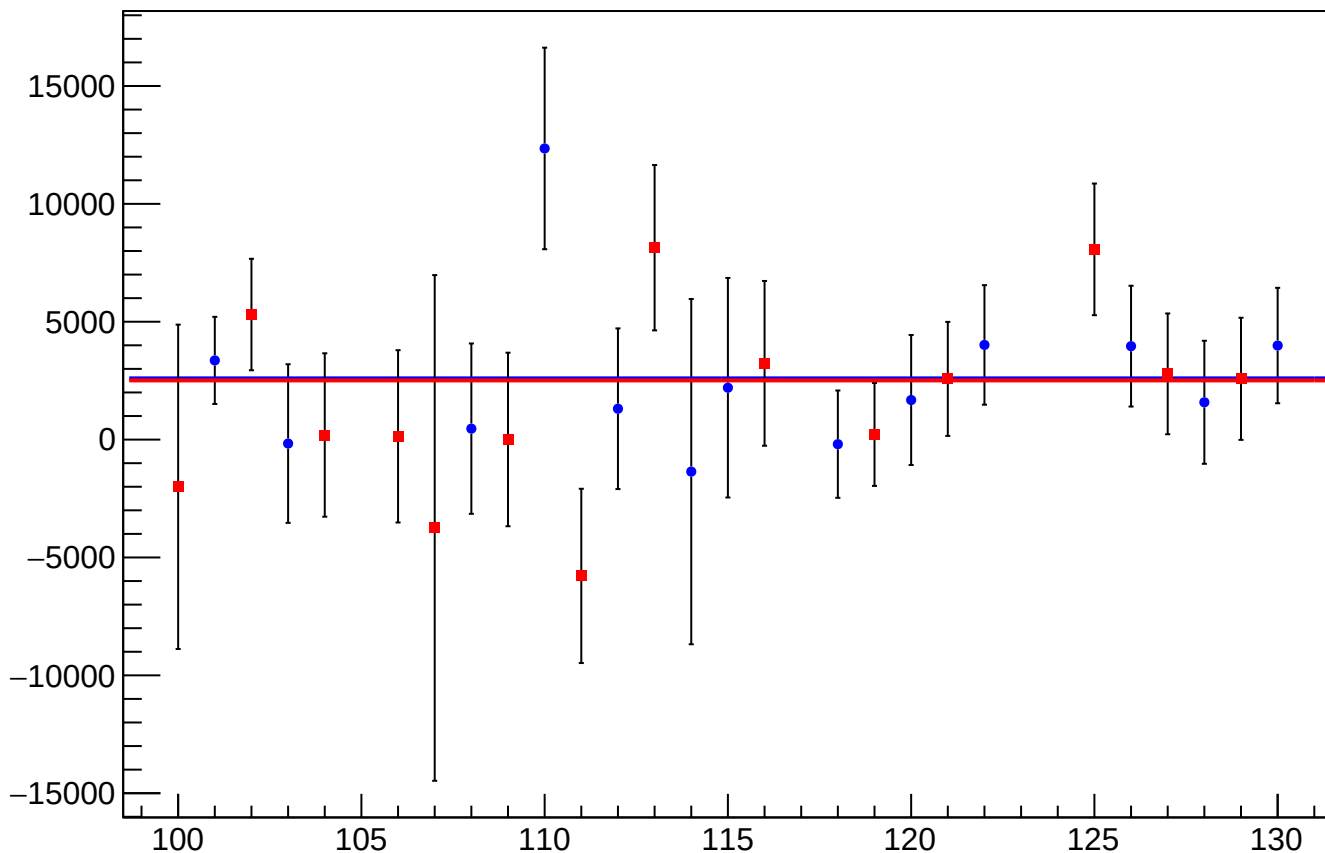
Right: 733.446+/-0.173 χ^2/NDF : 4265589.3/26

In: 652.657+/-0.220 χ^2/NDF : 2128465.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 733.446+/-0.173 χ^2/NDF : 4265589.3/26

asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2596.831+/-788.226 χ^2/NDF : 9.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2511.103+/-819.897 χ^2/NDF : 16.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

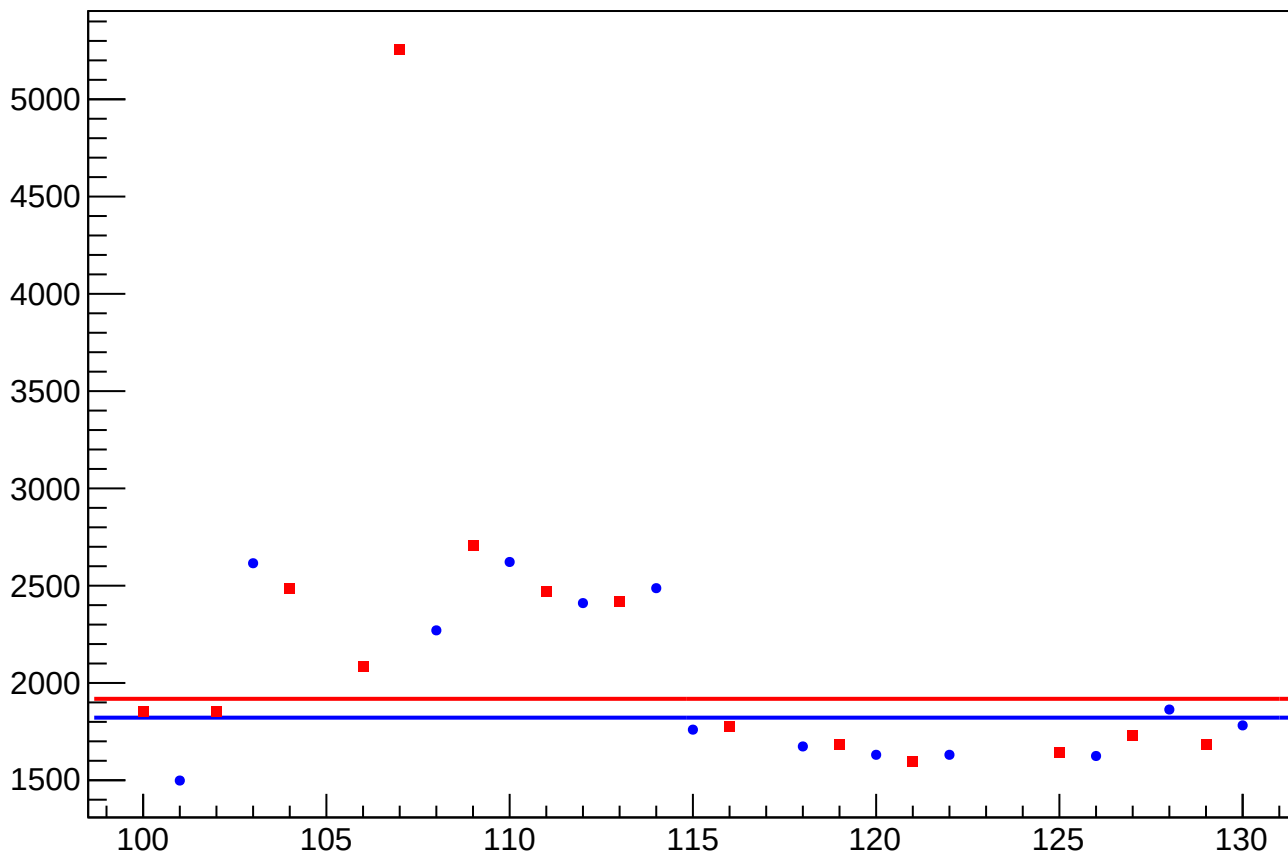
Right: 2555.654+/-568.227 χ^2/NDF : 25.8/26

In: 2596.831+/-788.226 χ^2/NDF : 9.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2555.654+/-568.227 χ^2/NDF : 25.8/26

asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1821.698+/-0.557 χ^2/NDF : 392251.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1918.504+/-0.580 χ^2/NDF : 539468.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

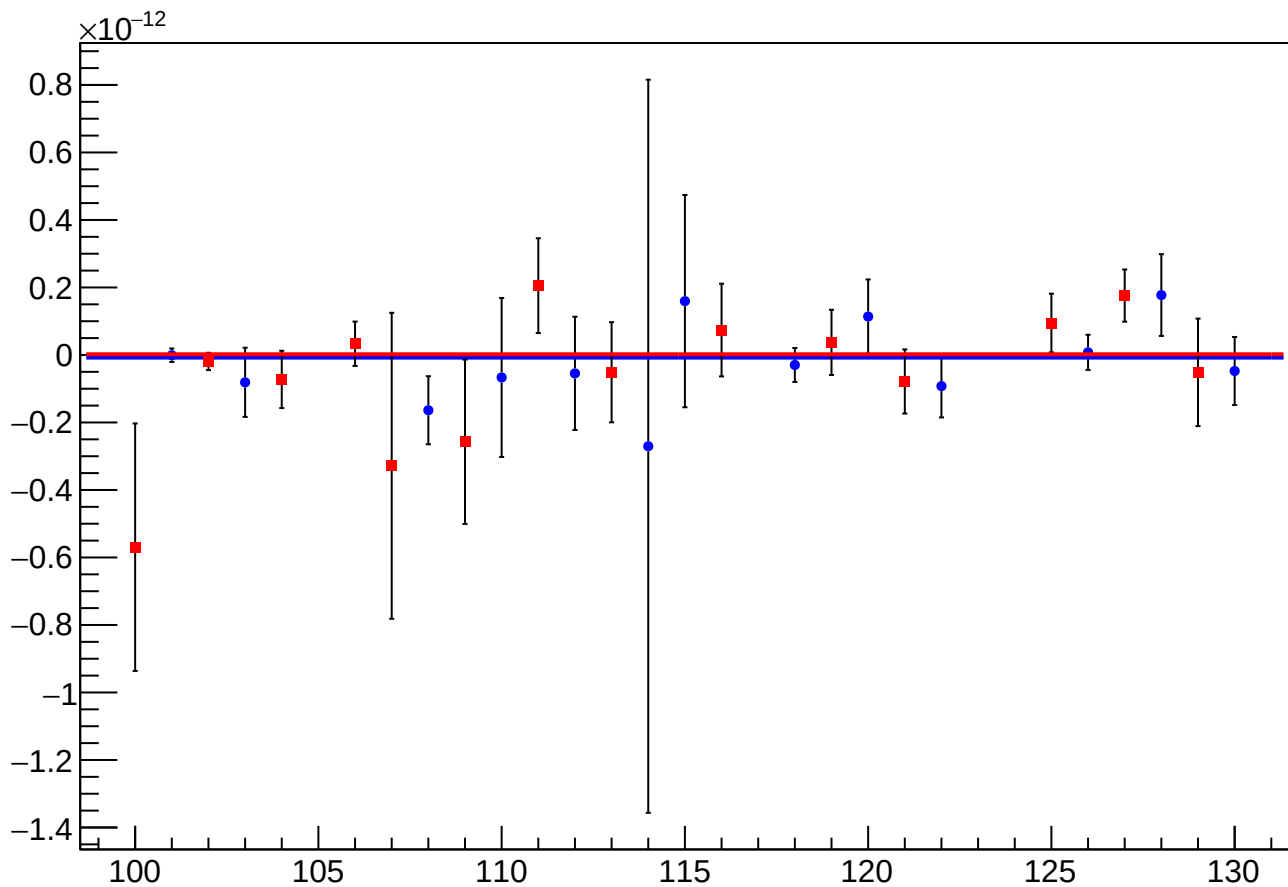
Right: 1868.195+/-0.402 χ^2/NDF : 946209.7/26

In: 1821.698+/-0.557 χ^2/NDF : 392251.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1868.195+/-0.402 χ^2/NDF : 946209.7/26

asym_usl_atl1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

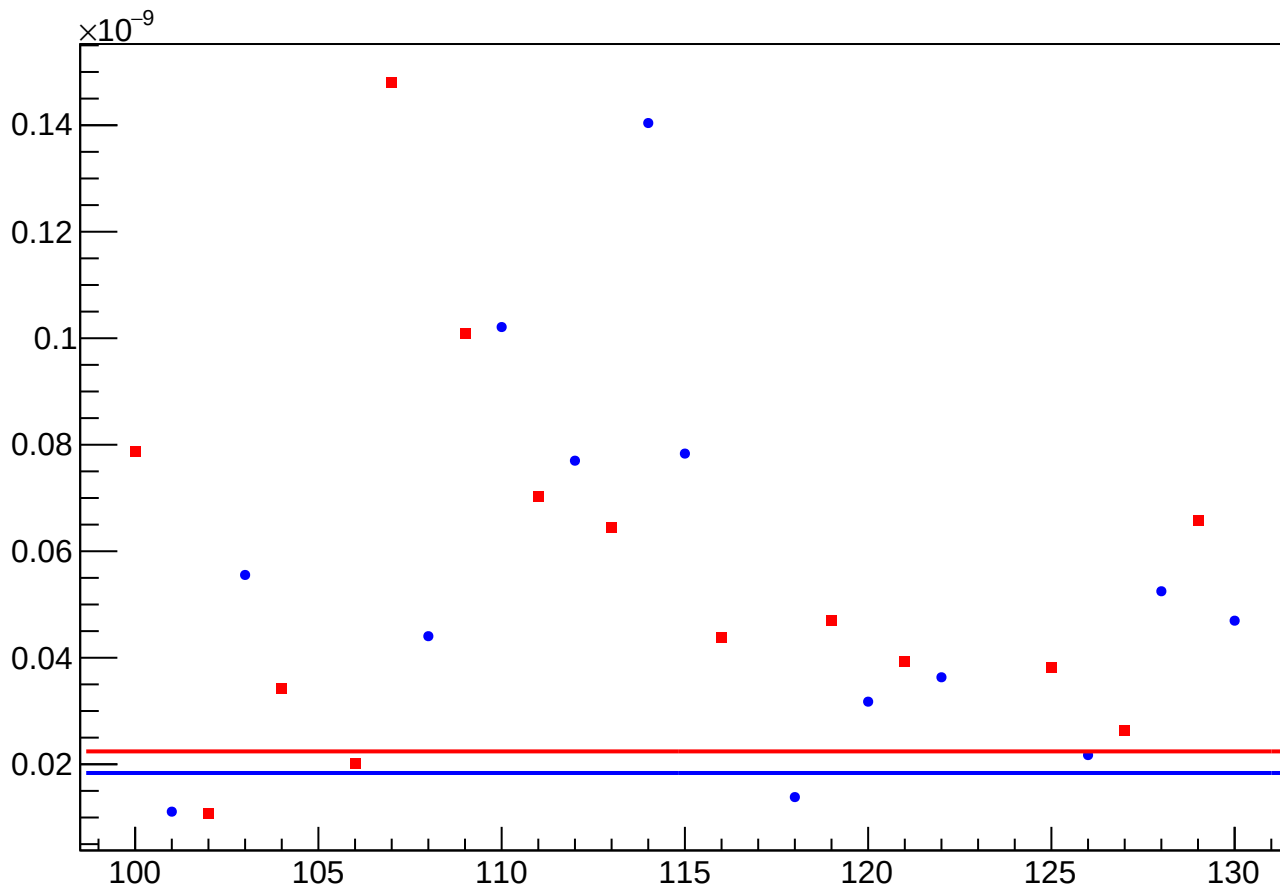
Right: -0.000+/-0.000 χ^2/NDF : 23.9/26

In: -0.000+/-0.000 χ^2/NDF : 8.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.9/26

asym_usl_atl1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000

χ^2/NDF : 1701170.1/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000

χ^2/NDF : 1722729.5/13

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.000+/-0.000

χ^2/NDF : 3475514.9/26

In: 0.000+/-0.000

χ^2/NDF : 1701170.1/12

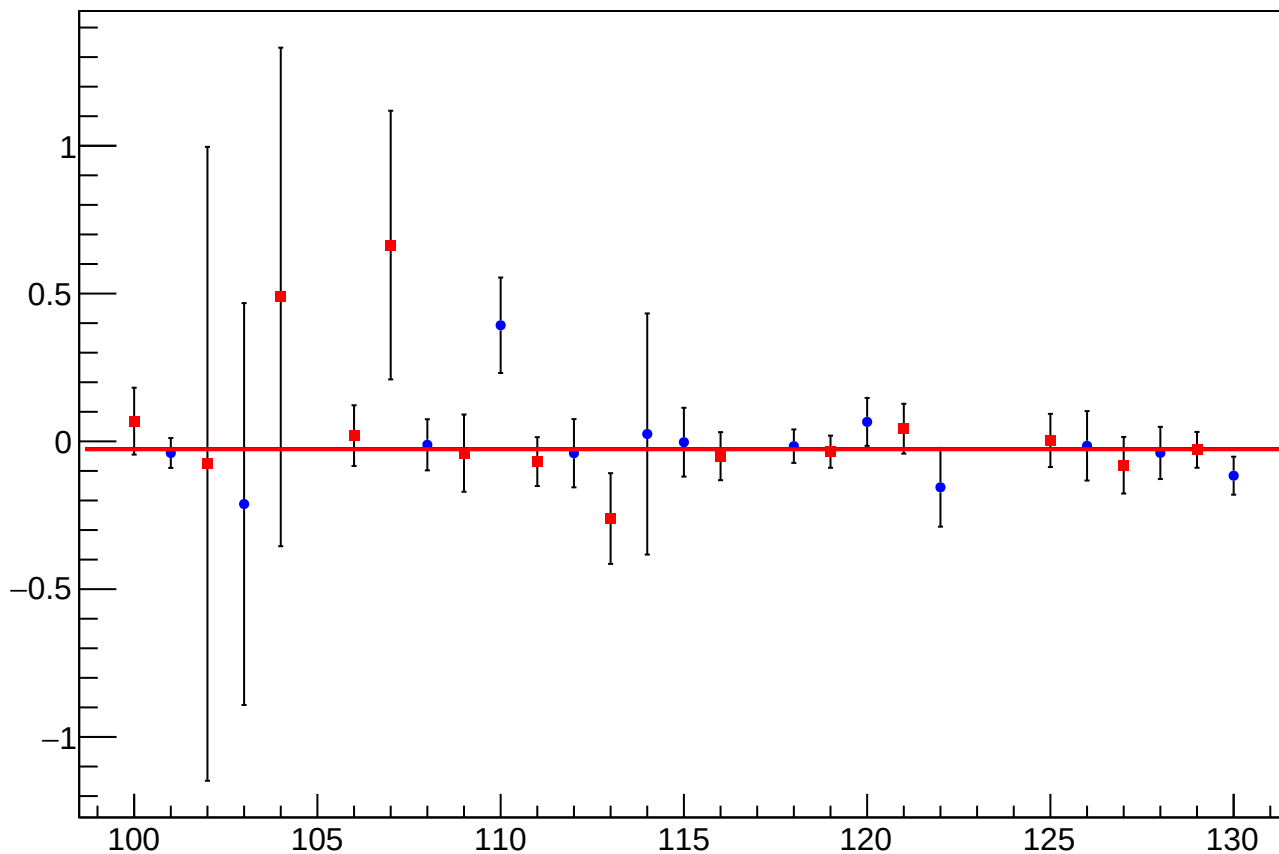
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.000+/-0.000

χ^2/NDF : 3475514.9/26

asym_usl_atl1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026+/-0.024 χ^2/NDF : 11.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.027+/-0.025 χ^2/NDF : 7.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

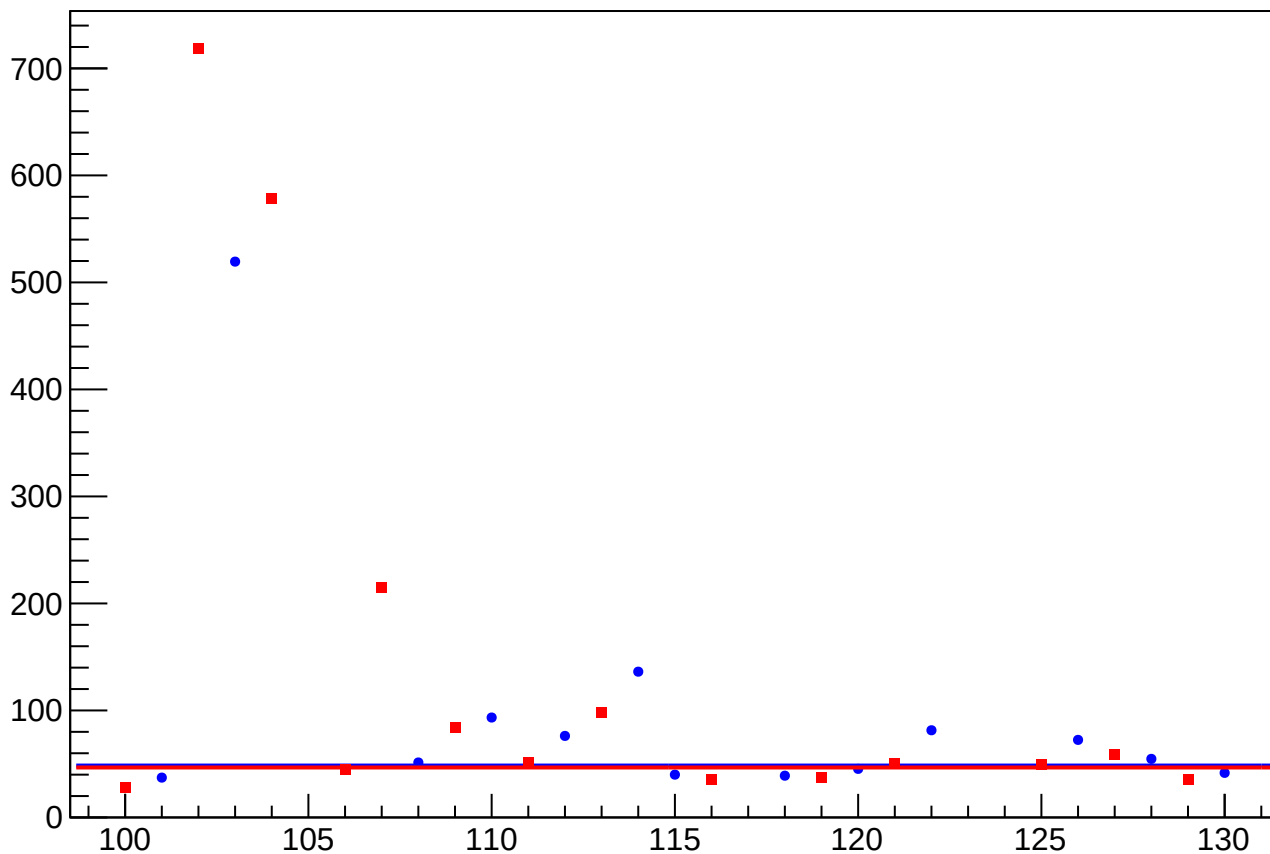
Right: -0.026+/-0.018 χ^2/NDF : 18.6/26

In: -0.026+/-0.024 χ^2/NDF : 11.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.026+/-0.018 χ^2/NDF : 18.6/26

asym_usl_atl1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.504+/-0.017 χ^2/NDF : 1731643.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.695+/-0.018 χ^2/NDF : 2504660.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

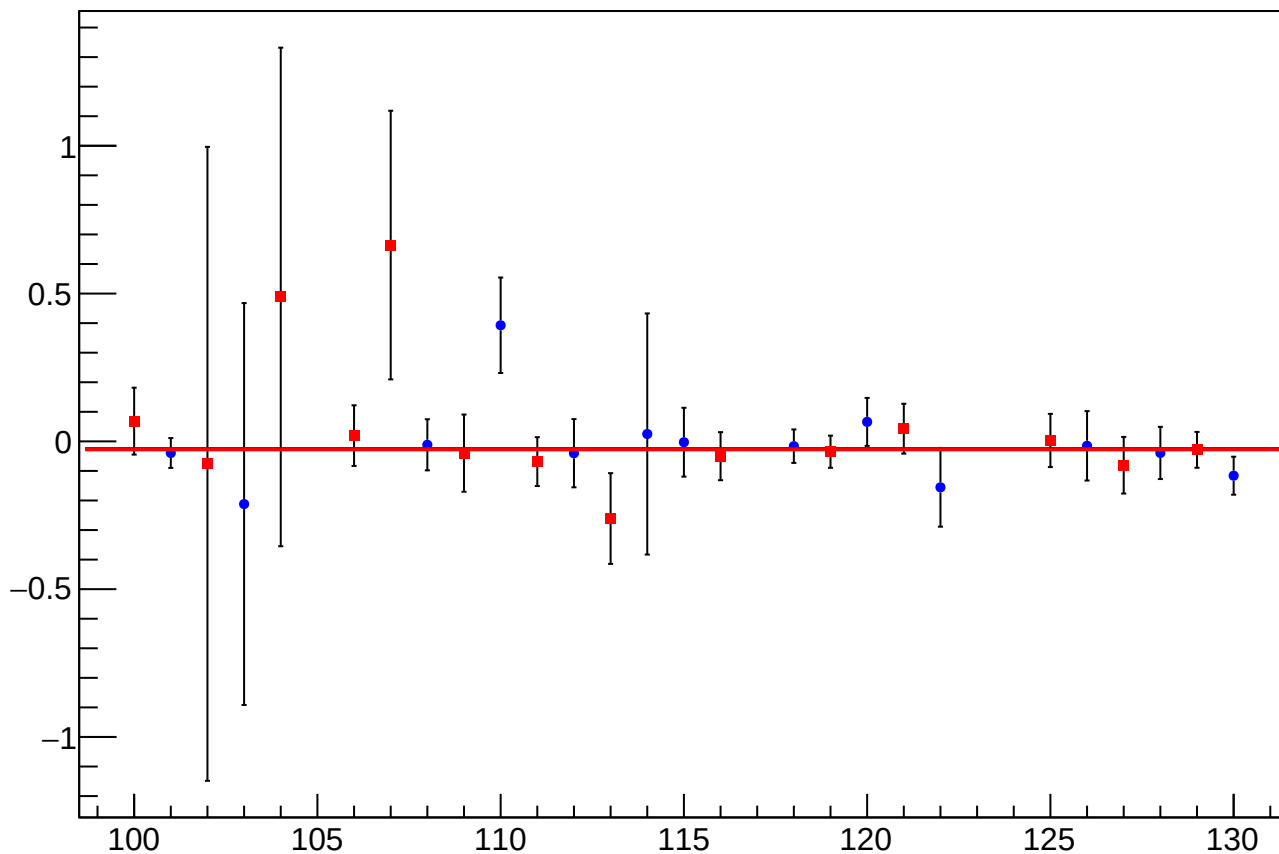
Right: 47.633+/-0.012 χ^2/NDF : 4241608.6/26

In: 48.504+/-0.017 χ^2/NDF : 1731643.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.633+/-0.012 χ^2/NDF : 4241608.6/26

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026+/-0.024 χ^2 /NDF: 11.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.027+/-0.025 χ^2 /NDF: 7.4/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

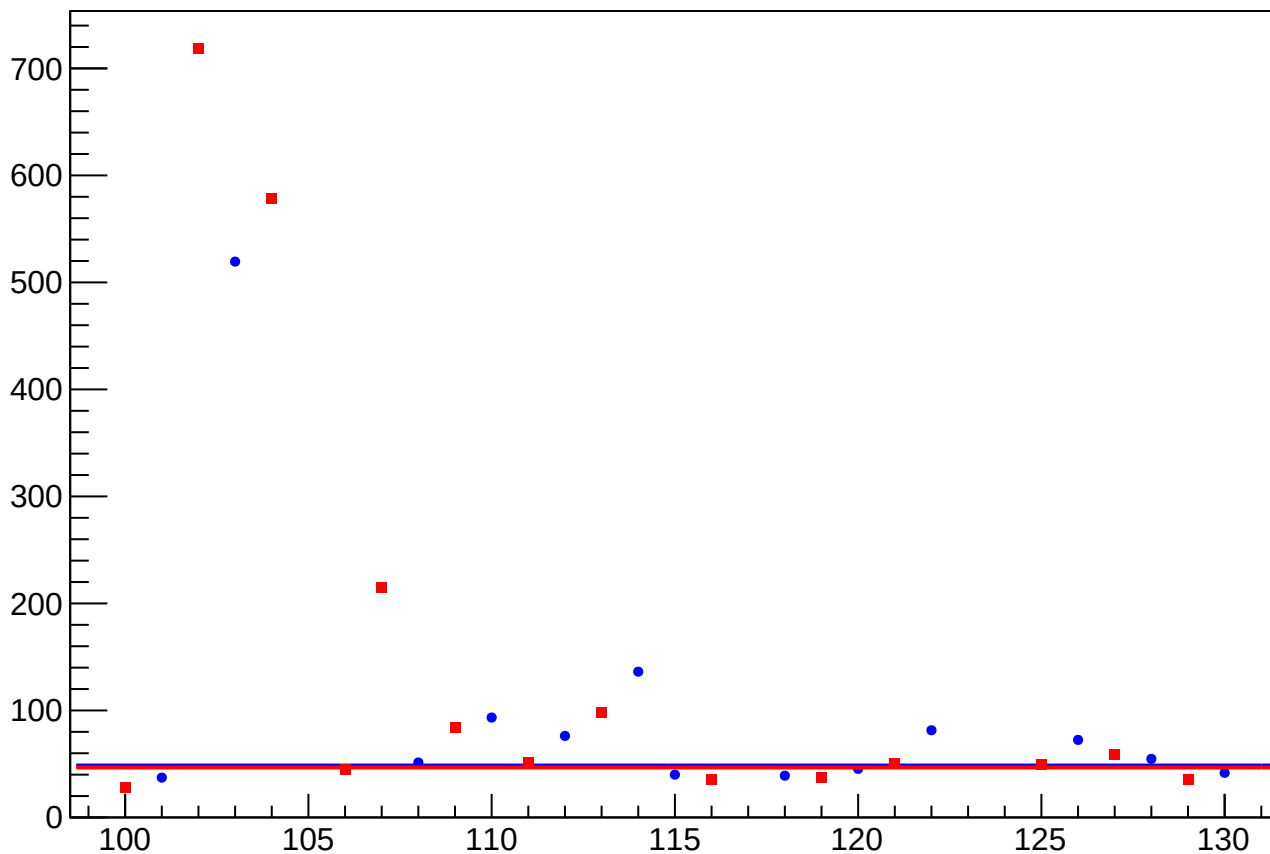
Right: -0.026+/-0.018 χ^2 /NDF: 18.6/26

In: -0.026+/-0.024 χ^2 /NDF:11.2/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.026+/-0.018 χ^2 /NDF: 18.6/26

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.504+/-0.017 χ^2/NDF : 1731643.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.695+/-0.018 χ^2/NDF : 2504660.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

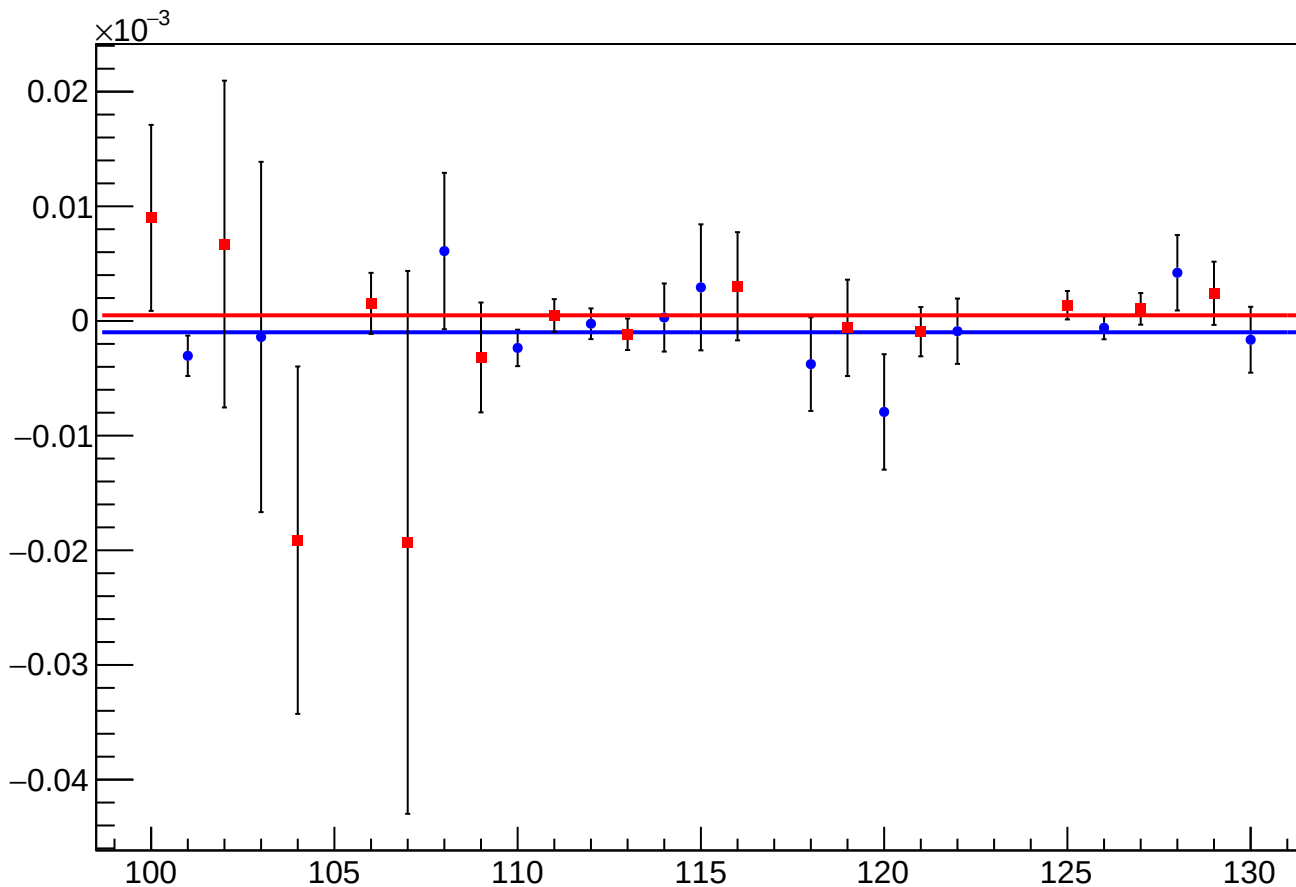
Right: 47.633+/-0.012 χ^2/NDF : 4241608.6/26

In: 48.504+/-0.017 χ^2/NDF : 1731643.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.633+/-0.012 χ^2/NDF : 4241608.6/26

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

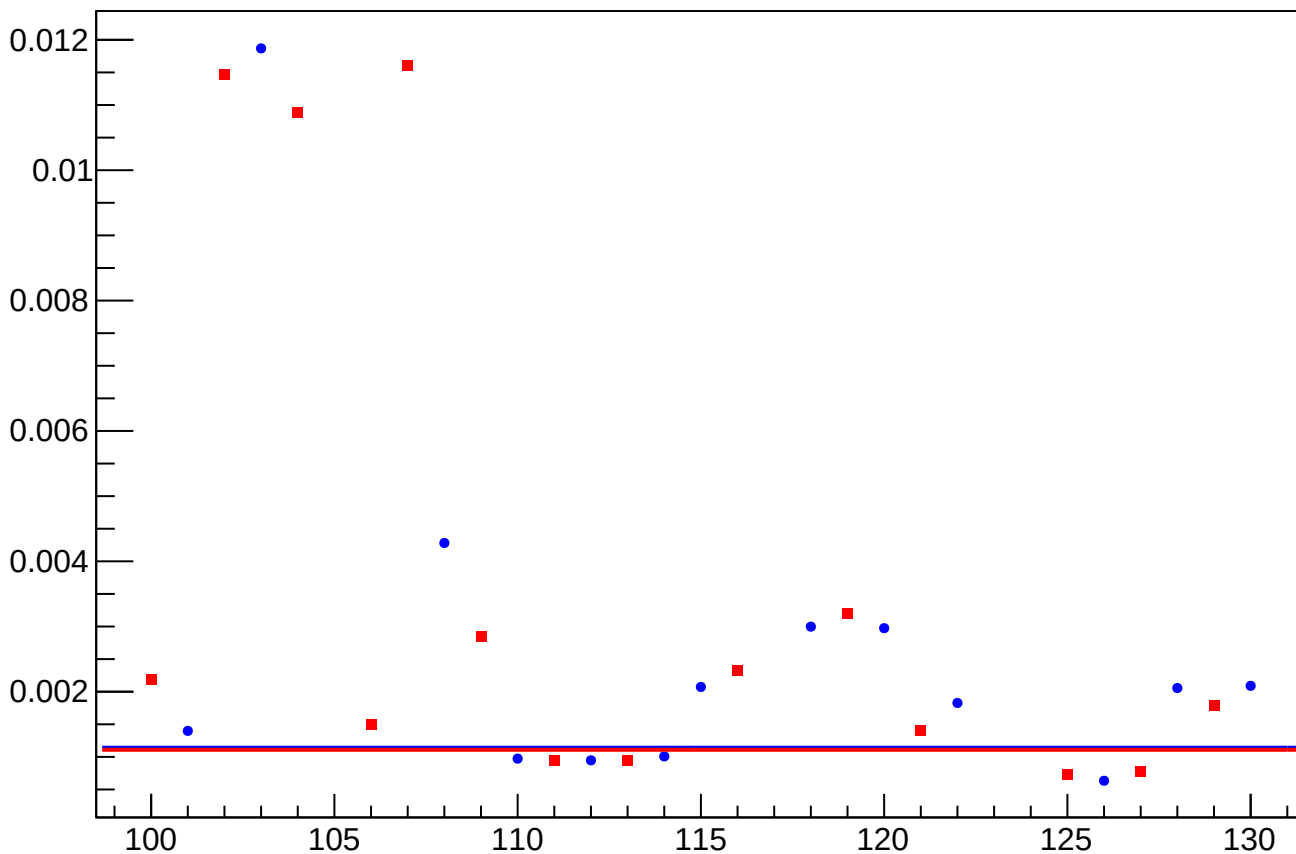
Right: -0.000+/-0.000 χ^2/NDF : 20.2/26

In: -0.000+/-0.000 χ^2/NDF : 9.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.2/26

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 3259983.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3763803.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

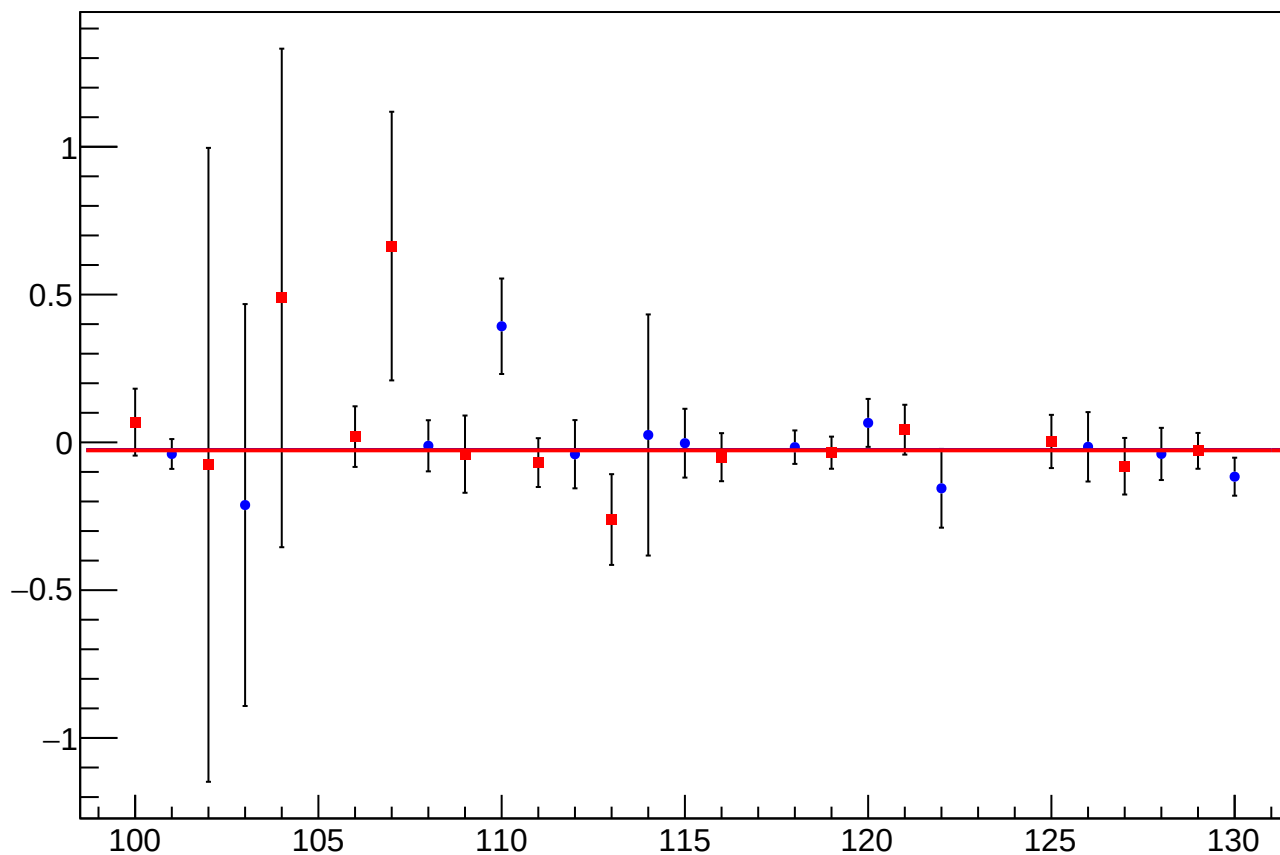
Right: 0.001+/-0.000 χ^2/NDF : 7026697.1/26

In: 0.001+/-0.000 χ^2/NDF : 3259983.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 7026697.1/26

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 $\pm$ 0.024 χ^2 /NDF: 11.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.027 $\pm$ 0.025 χ^2 /NDF: 7.4/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

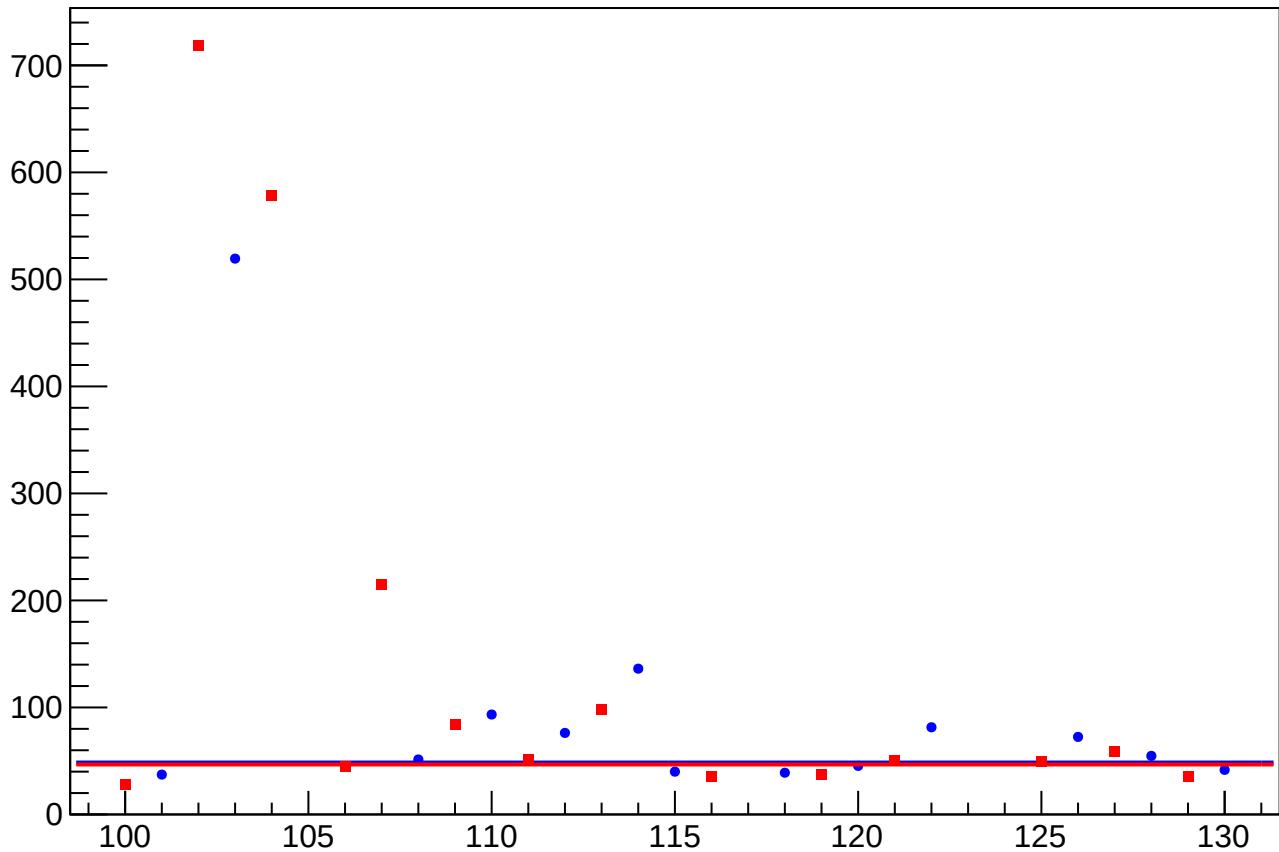
Right: -0.026 $\pm$ 0.018 χ^2 /NDF: 18.6/26

In: -0.026 $\pm$ 0.024 χ^2 /NDF:11.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.026 $\pm$ 0.018 χ^2 /NDF: 18.6/26

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.503+/-0.017 χ^2/NDF : 1731638.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.694+/-0.018 χ^2/NDF : 2504648.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

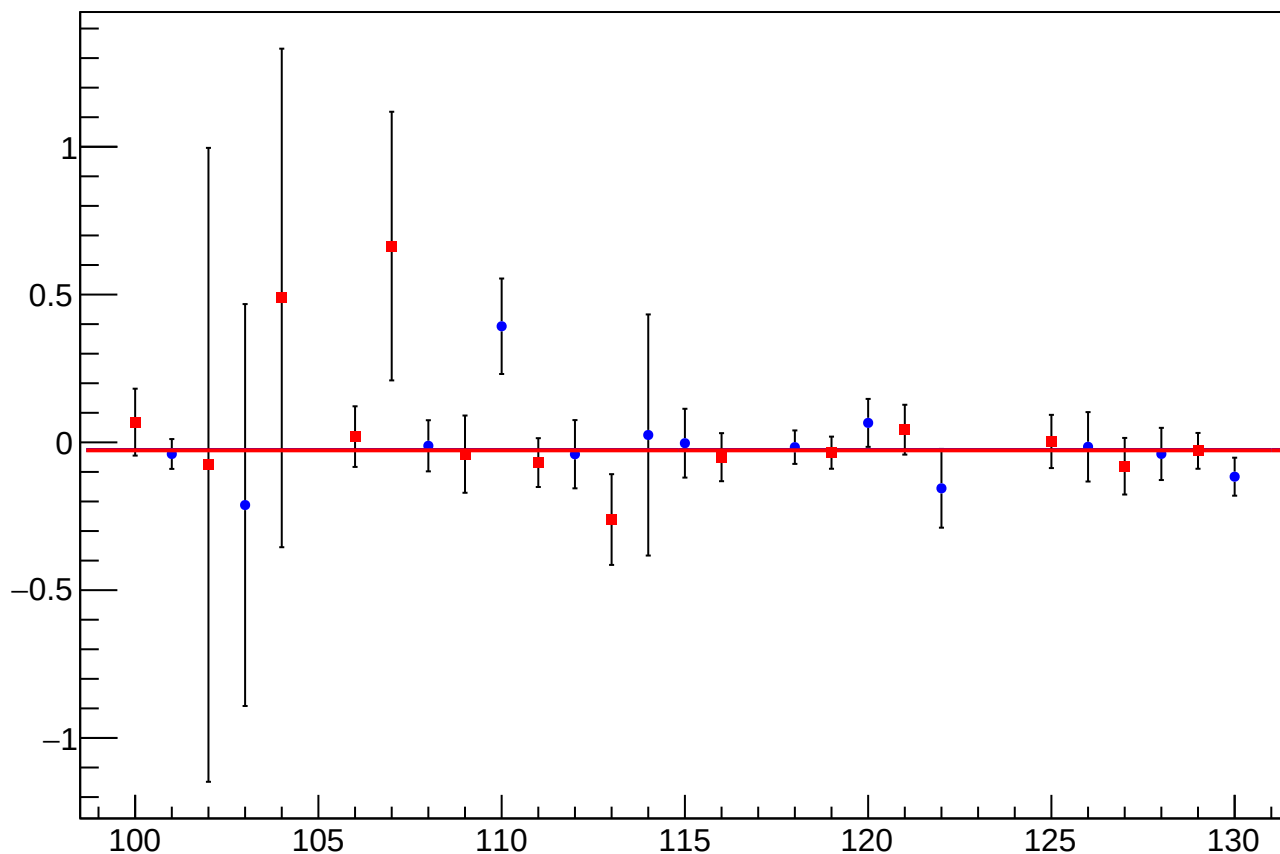
Right: 47.633+/-0.012 χ^2/NDF : 4241591.6/26

In: 48.503+/-0.017 χ^2/NDF : 1731638.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.633+/-0.012 χ^2/NDF : 4241591.6/26

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 ± 0.024 χ^2/NDF : 11.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.027 ± 0.025 χ^2/NDF : 7.4/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

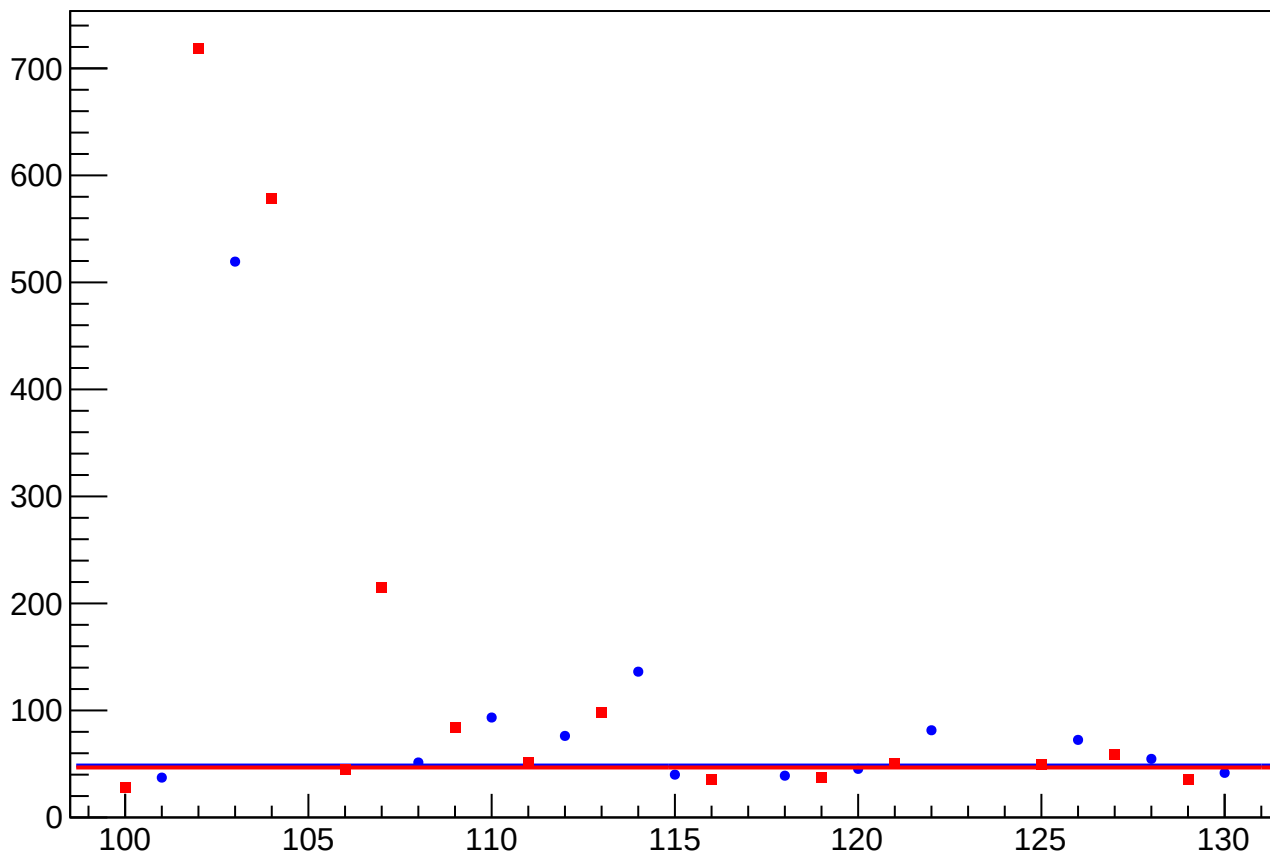
Right: -0.026 ± 0.018 χ^2/NDF : 18.6/26

In: -0.026 ± 0.024 χ^2/NDF : 11.2/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.026 ± 0.018 χ^2/NDF : 18.6/26

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.503+/-0.017 χ^2/NDF : 1731638.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.694+/-0.018 χ^2/NDF : 2504648.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

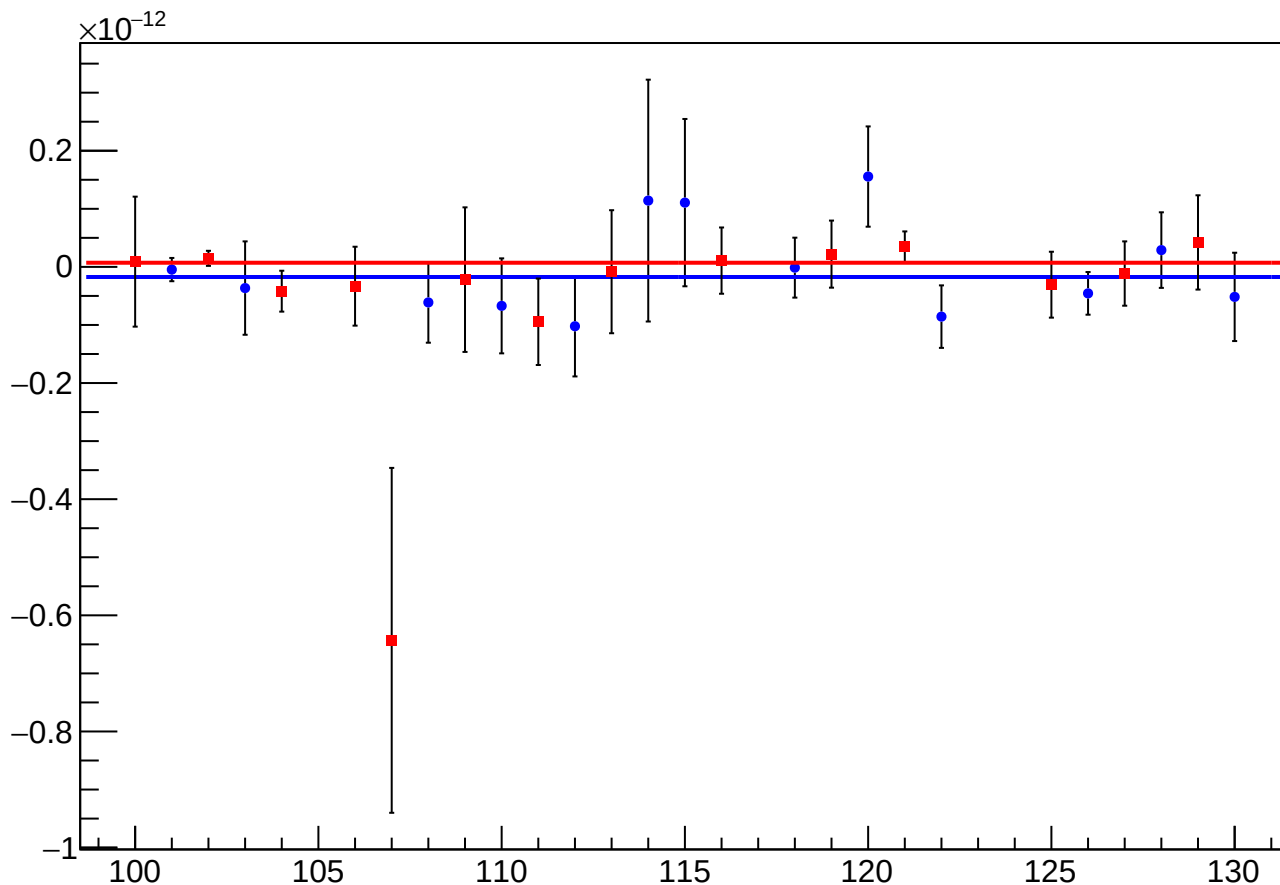
Right: 47.633+/-0.012 χ^2/NDF : 4241591.6/26

In: 48.503+/-0.017 χ^2/NDF : 1731638.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.633+/-0.012 χ^2/NDF : 4241591.6/26

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

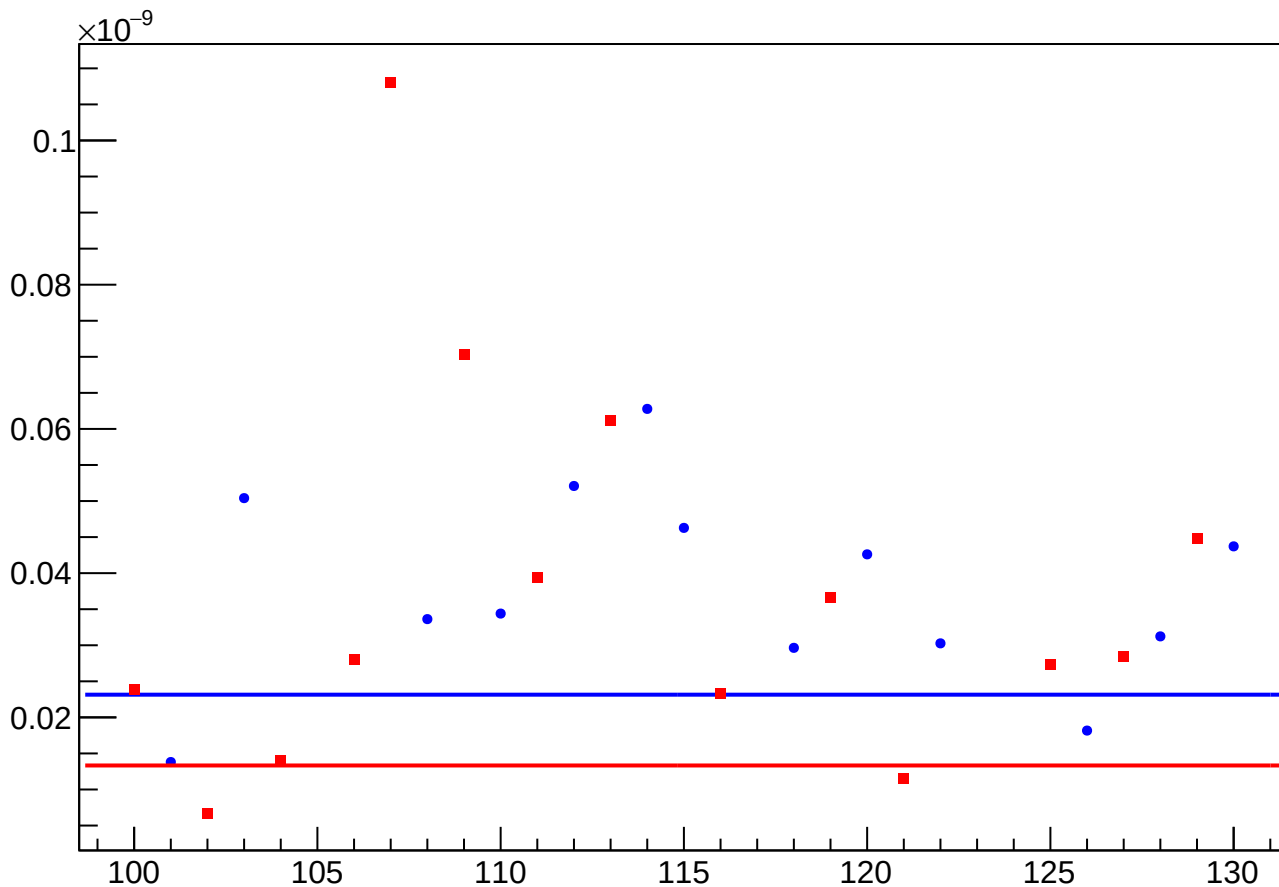
Right: -0.000+/-0.000 χ^2/NDF : 23.7/26

In: -0.000+/-0.000 χ^2/NDF : 10.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.7/26

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1478248.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2887418.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

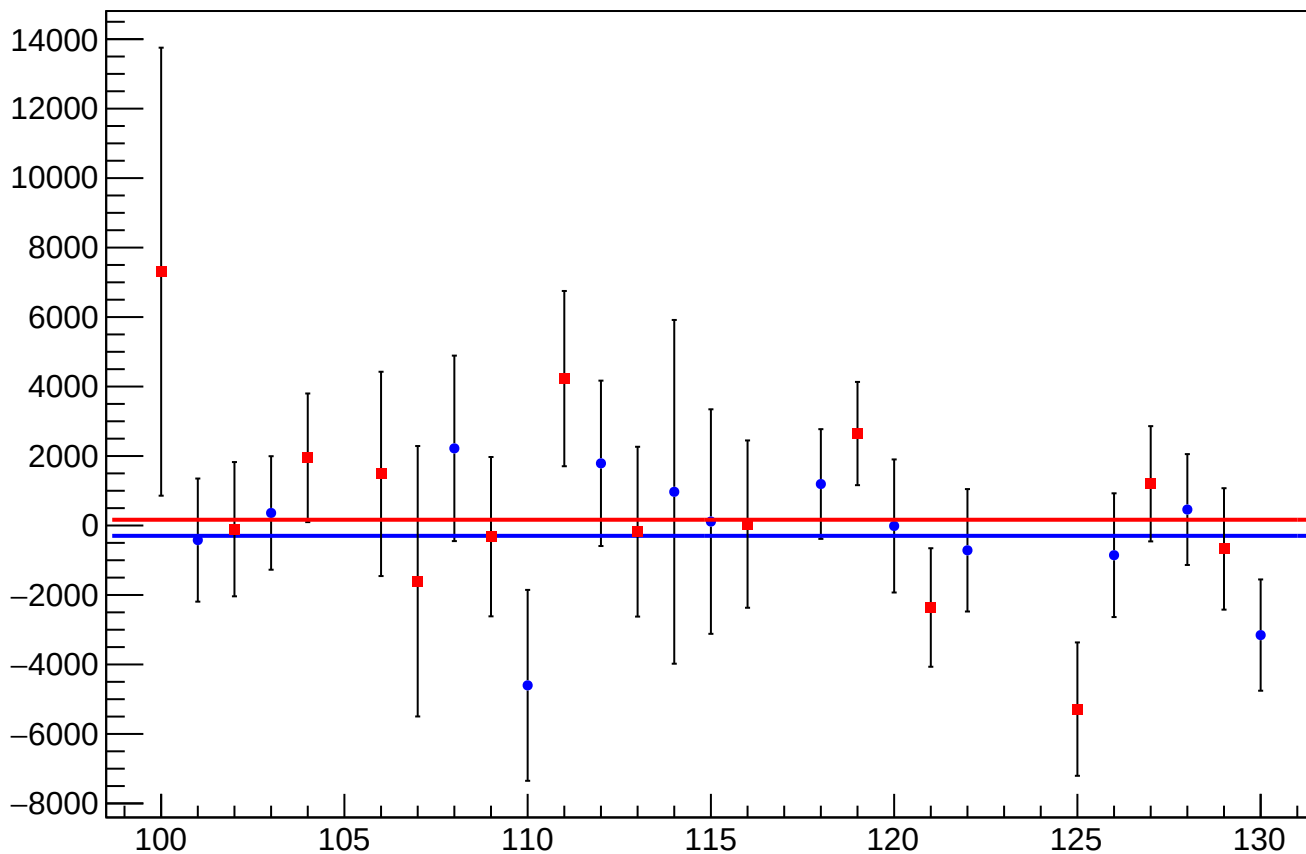
Right: 0.000+/-0.000 χ^2/NDF : 5030747.3/26

In: 0.000+/-0.000 χ^2/NDF : 1478248.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5030747.3/26

reg_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -297.393+/-544.547 χ^2/NDF : 8.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.676+/-558.070 χ^2/NDF : 18.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

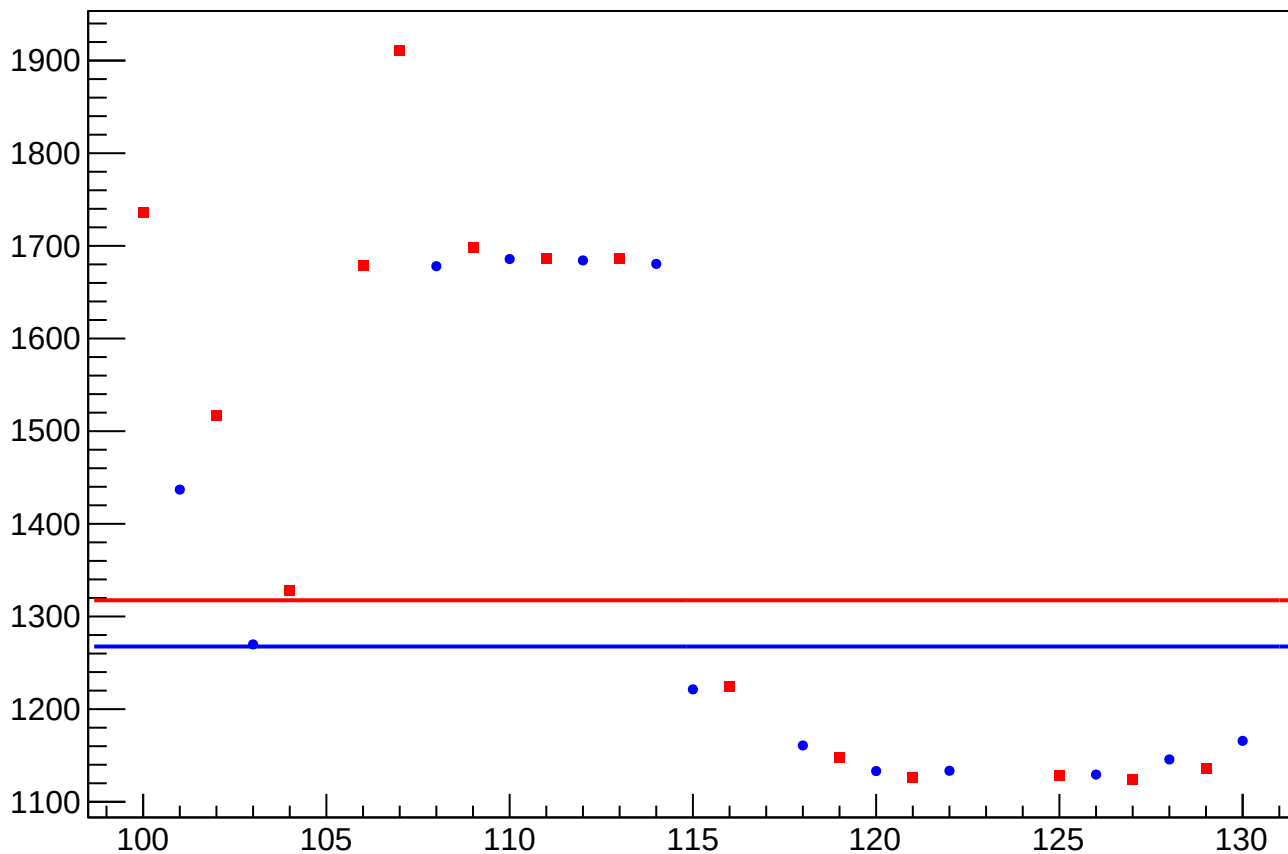
Right: -71.537+/-389.746 χ^2/NDF : 28.1/26

In: -297.393+/-544.547 χ^2/NDF : 8.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -71.537+/-389.746 χ^2/NDF : 28.1/26

reg_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1267.600+/-0.385 χ^2/NDF : 249908.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1317.482+/-0.395 χ^2/NDF : 372351.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

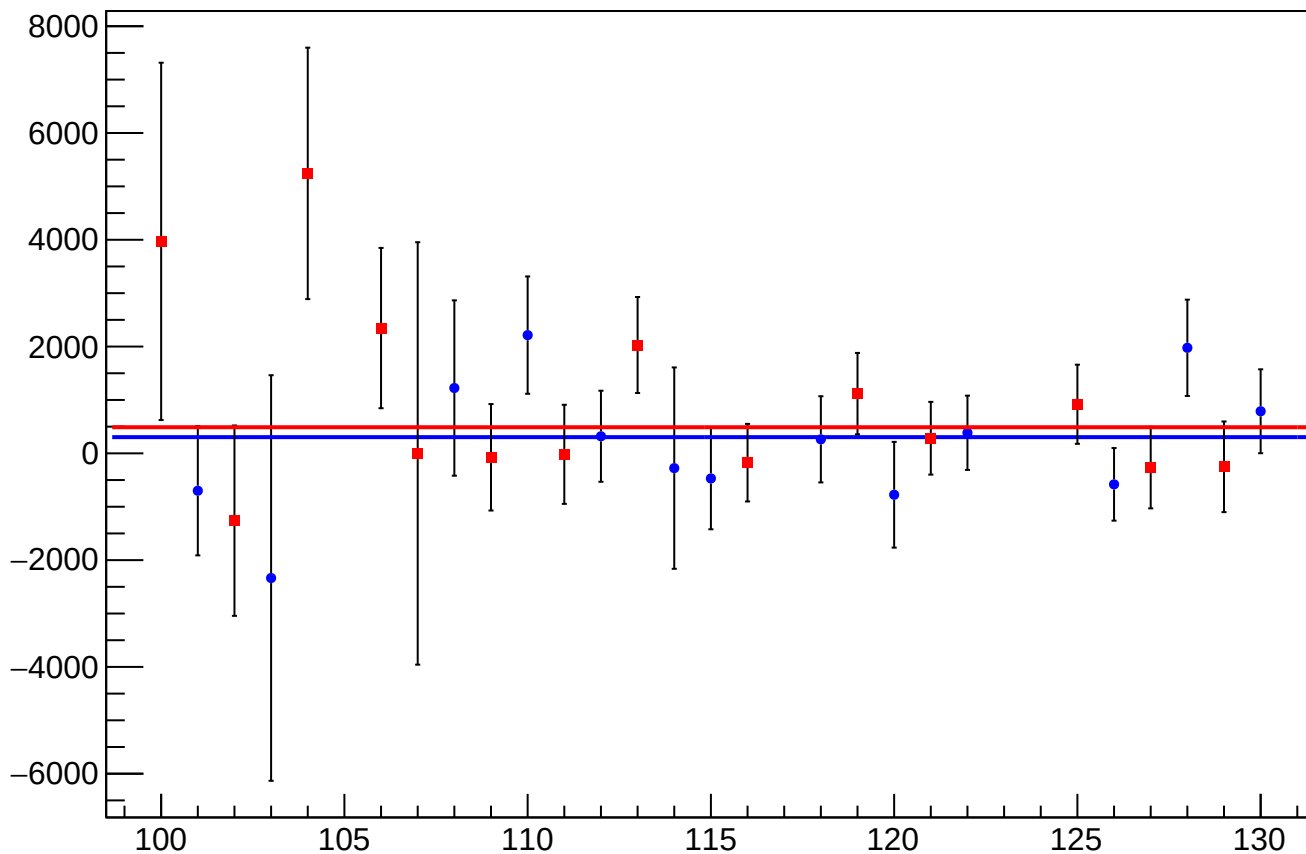
Right: 1291.929+/-0.276 χ^2/NDF : 630445.5/26

In: 1267.600+/-0.385 χ^2/NDF : 249908.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.929+/-0.276 χ^2/NDF : 630445.5/26

asym_usl_atl1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 303.500+/-264.051 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 489.133+/-256.608 χ^2/NDF : 14.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

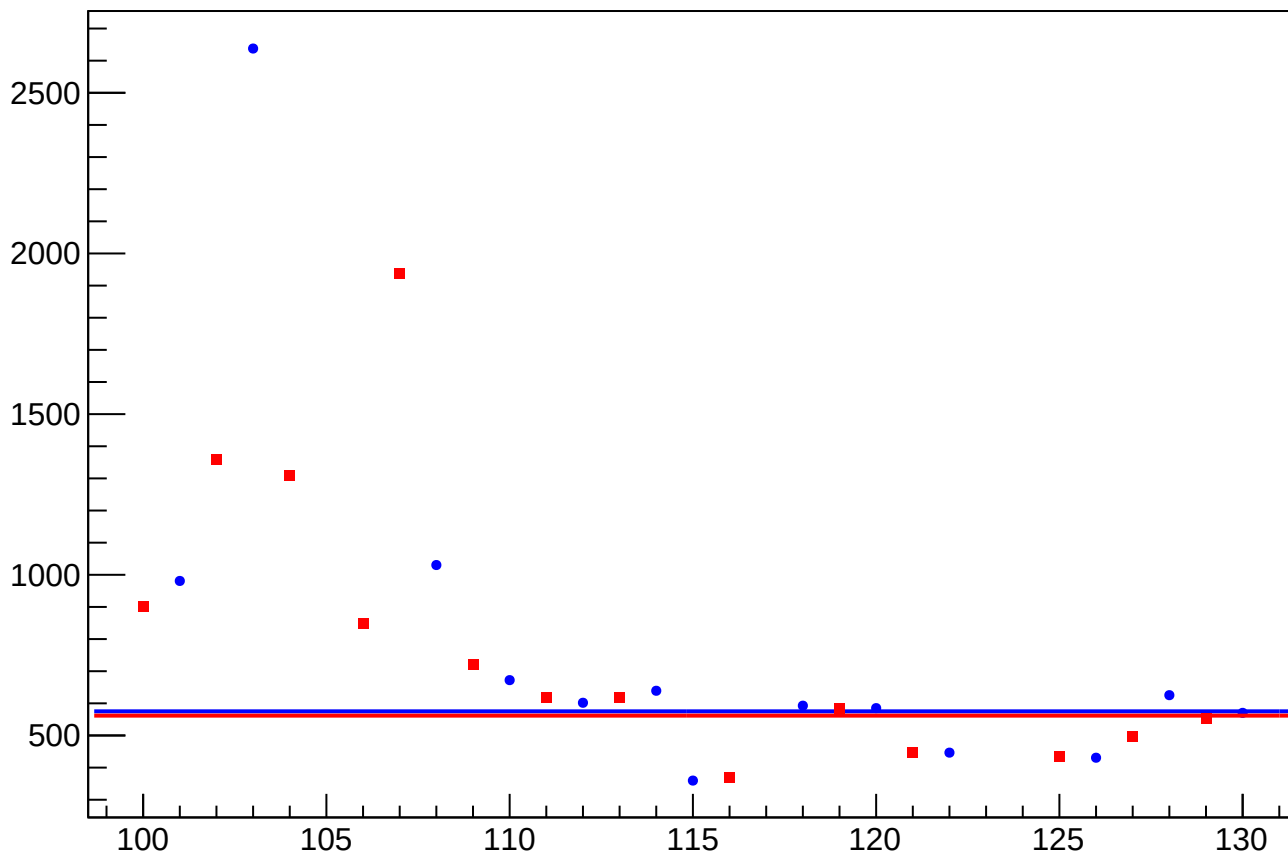
Right: 398.970+/-184.024 χ^2/NDF : 27.1/26

In: 303.500+/-264.051 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 398.970+/-184.024 χ^2/NDF : 27.1/26

asym_usl_atl1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 575.100+/-0.187 χ^2/NDF : 1256345.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 561.761+/-0.181 χ^2/NDF : 1277795.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

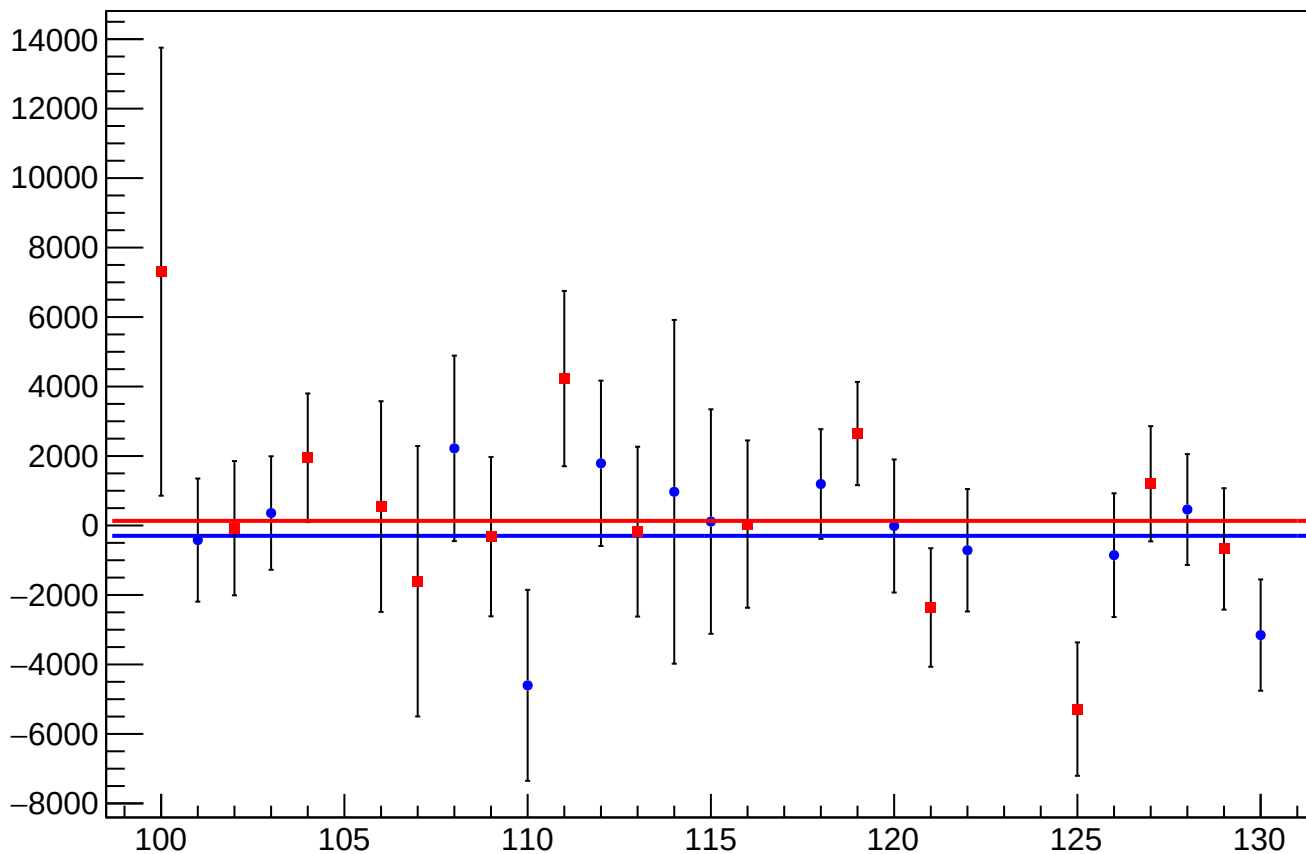
Right: 568.240+/-0.130 χ^2/NDF : 2536766.5/26

In: 575.100+/-0.187 χ^2/NDF : 1256345.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 568.240+/-0.130 χ^2/NDF : 2536766.5/26

cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -297.704+/-544.547 χ^2/NDF : 8.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.469+/-558.679 χ^2/NDF : 18.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

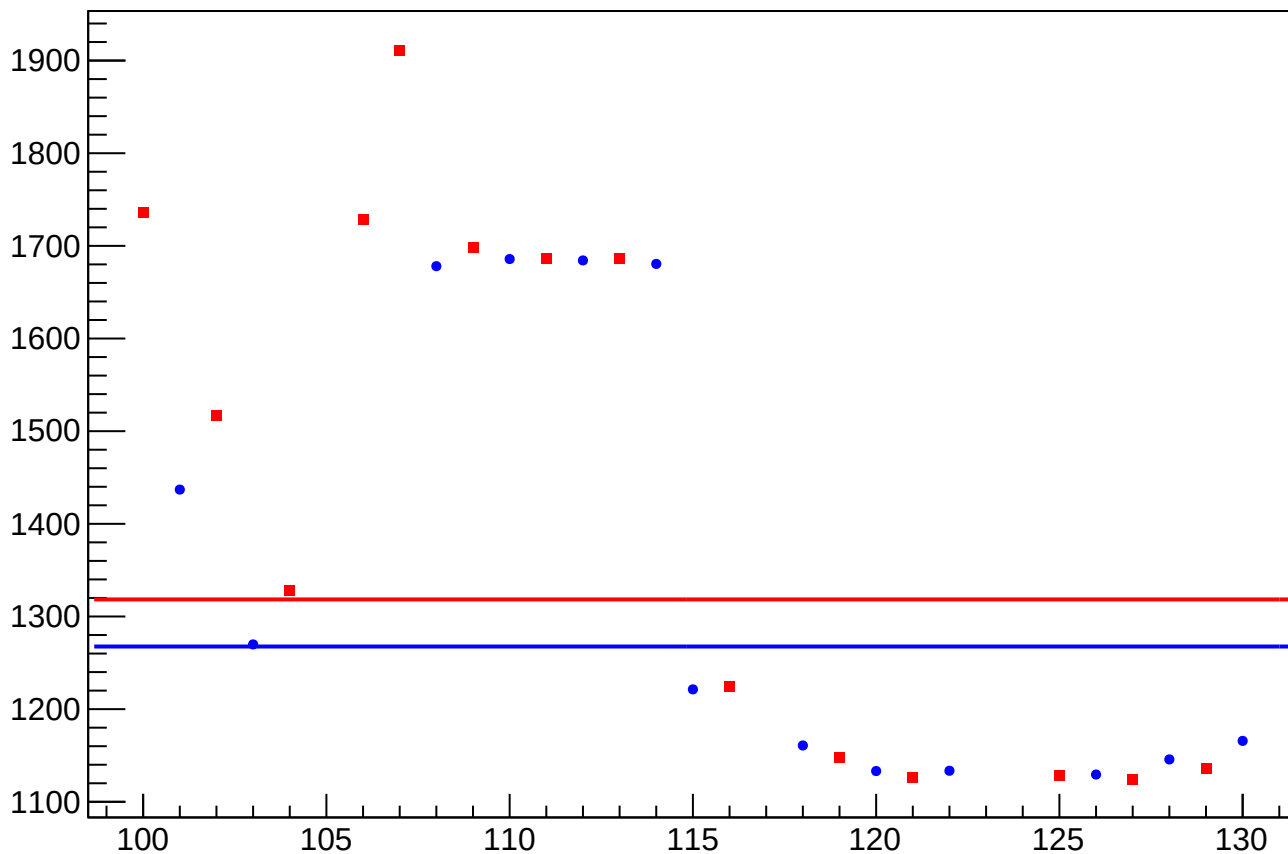
Right: -87.640+/-389.953 χ^2/NDF : 27.9/26

In: -297.704+/-544.547 χ^2/NDF : 8.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -87.640+/-389.953 χ^2/NDF : 27.9/26

cor_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1267.600+/-0.385 χ^2/NDF : 249908.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1318.399+/-0.395 χ^2/NDF : 378926.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

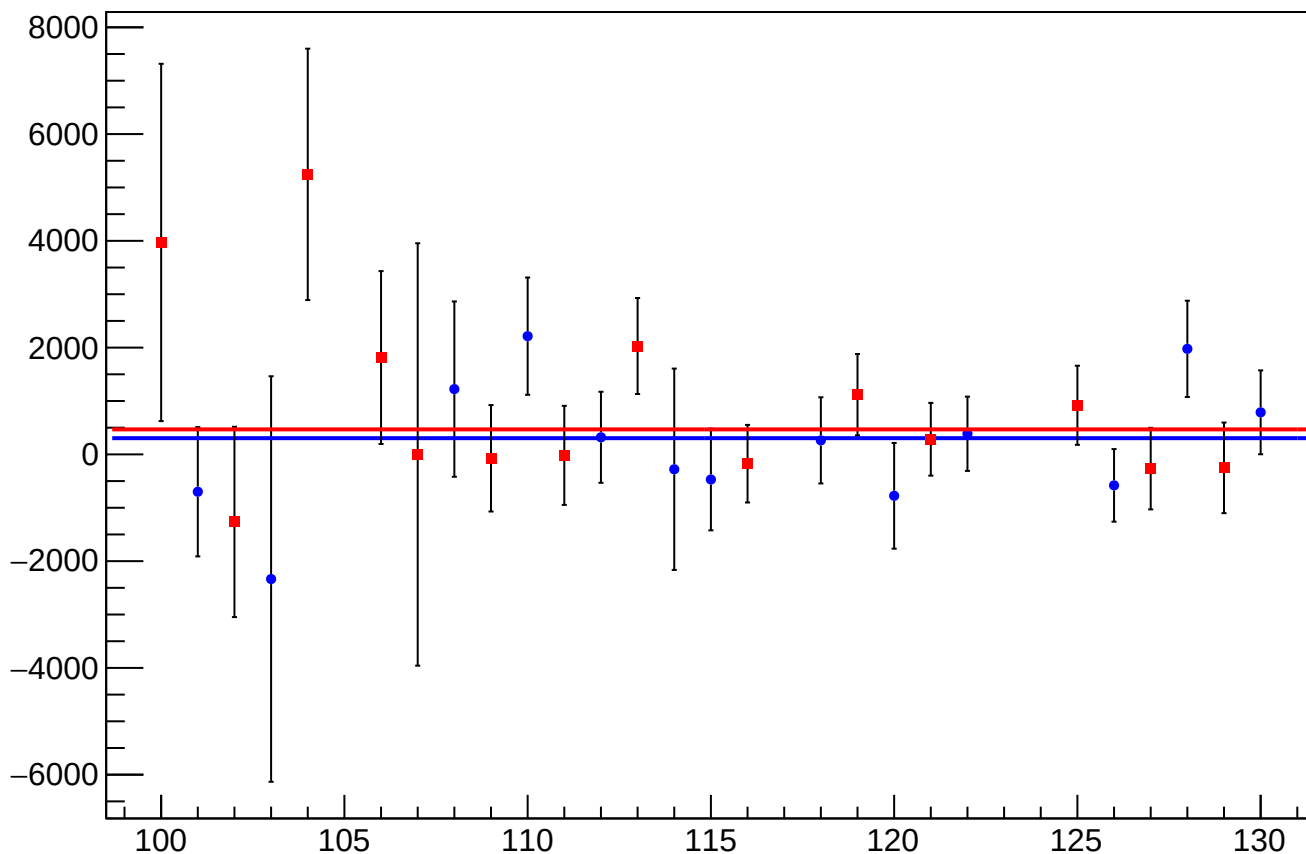
Right: 1292.349+/-0.276 χ^2/NDF : 637314.6/26

In: 1267.600+/-0.385 χ^2/NDF : 249908.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1292.349+/-0.276 χ^2/NDF : 637314.6/26

asym_usl_atl1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 303.528+/-264.050 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 468.190+/-257.132 χ^2/NDF : 14.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

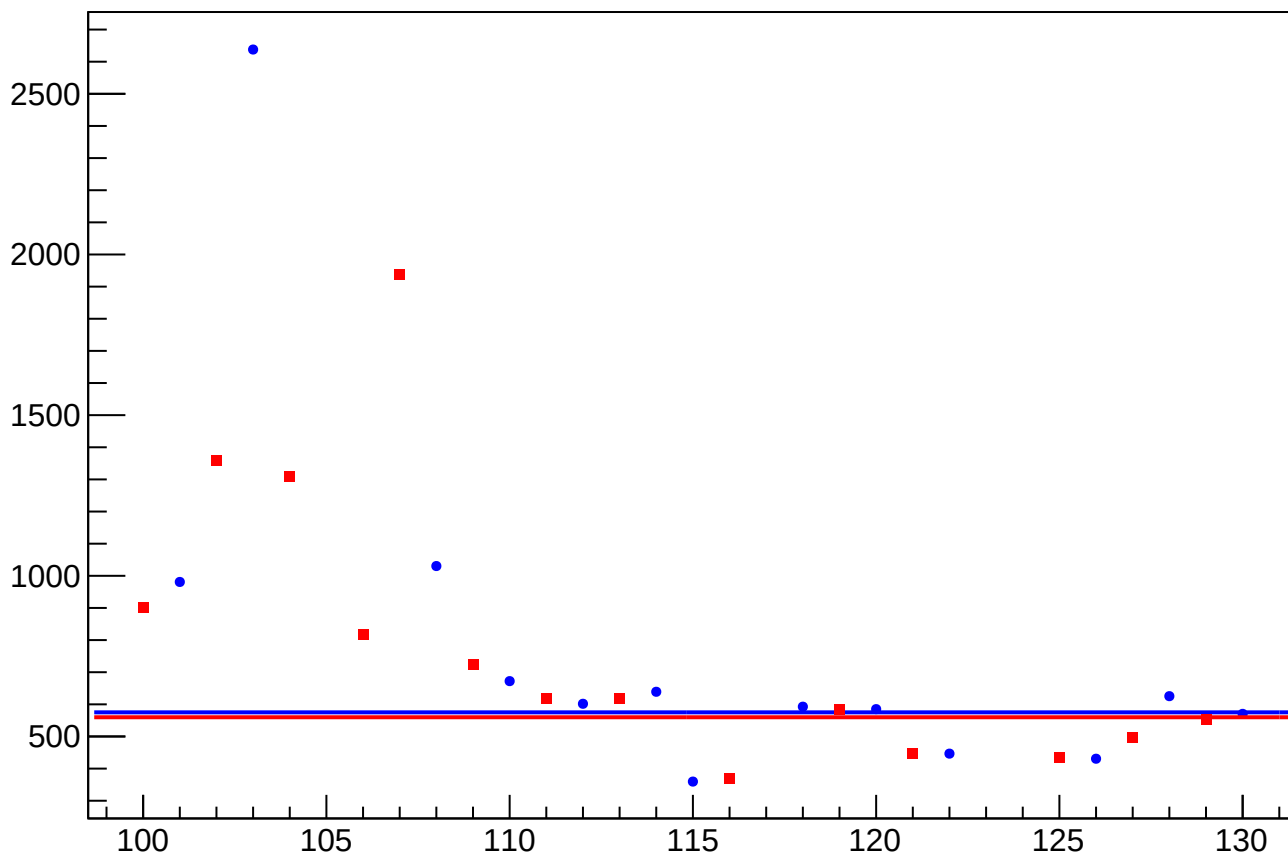
Right: 388.044+/-184.217 χ^2/NDF : 26.2/26

In: 303.528+/-264.050 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 388.044+/-184.217 χ^2/NDF : 26.2/26

asym_usl_atl1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 575.099+/-0.187 χ^2/NDF : 1256307.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 559.799+/-0.182 χ^2/NDF : 1254955.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

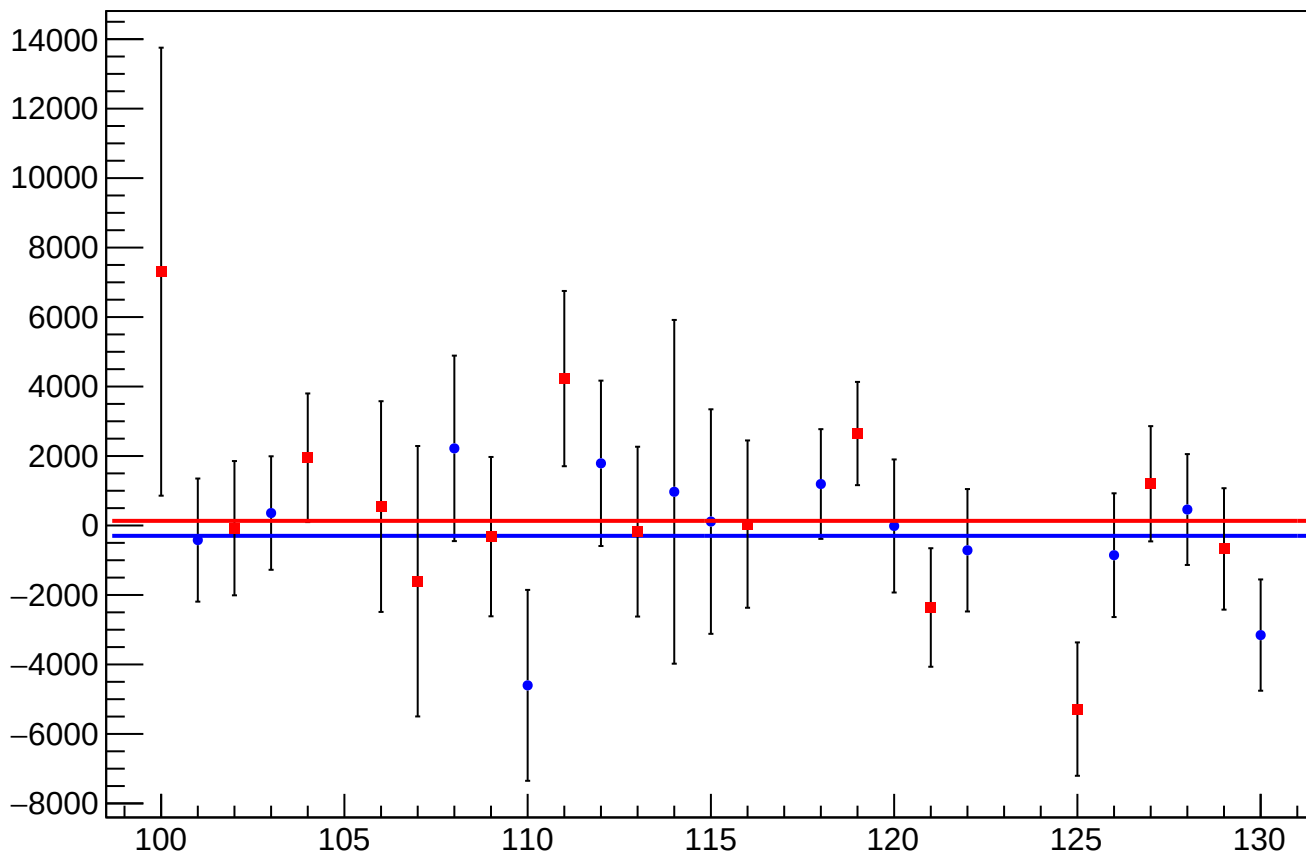
Right: 567.246+/-0.130 χ^2/NDF : 2514709.2/26

In: 575.099+/-0.187 χ^2/NDF : 1256307.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 567.246+/-0.130 χ^2/NDF : 2514709.2/26

eigen_cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -297.704+/-544.547 χ^2 /NDF: 8.8/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 133.469+/-558.679 χ^2 /NDF: 18.7/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

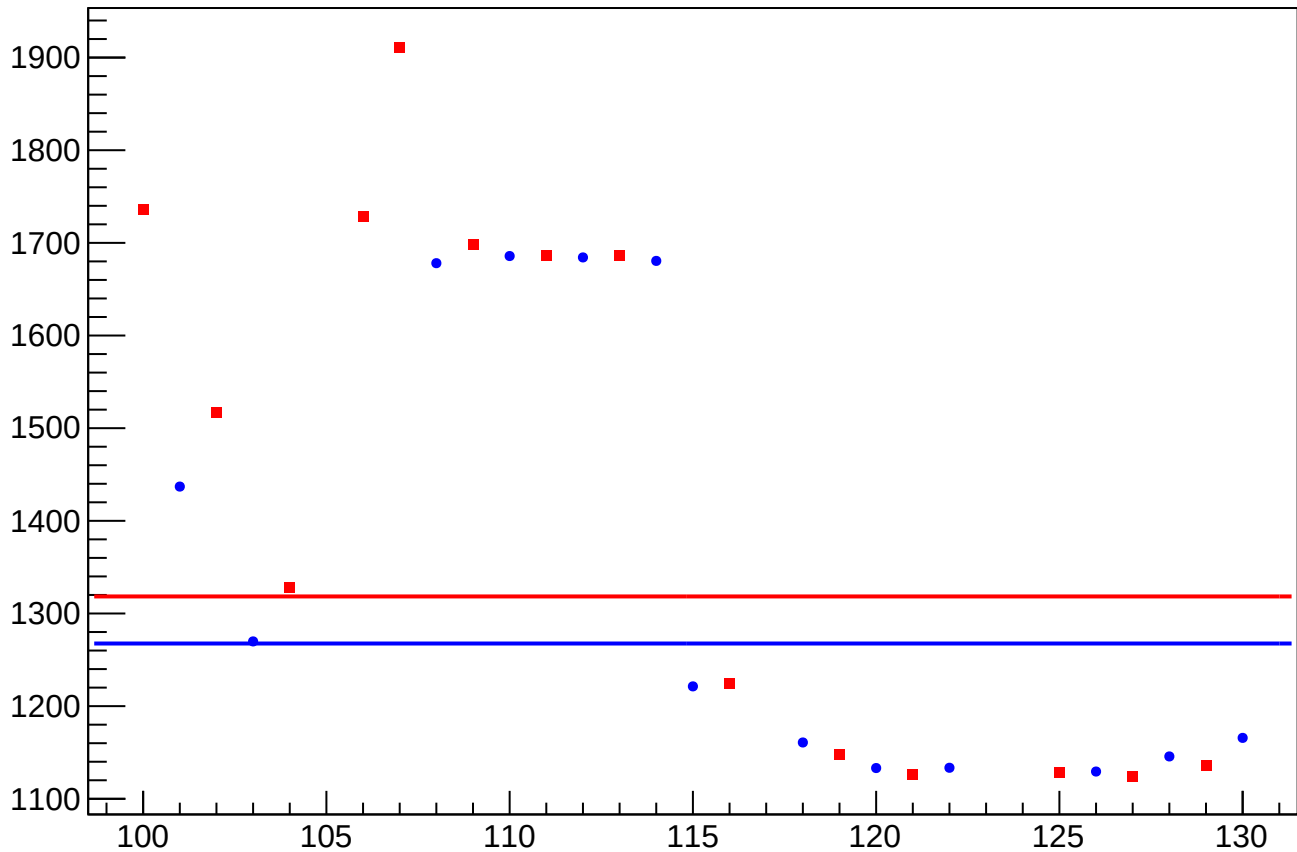
Right: -87.640+/-389.953 χ^2 /NDF: 27.9/26

In: -297.704+/-544.547 χ^2 /NDF:8.8/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -87.640+/-389.953 χ^2 /NDF: 27.9/26

eigen_cor_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1267.600+/-0.385 χ^2/NDF : 249908.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1318.399+/-0.395 χ^2/NDF : 378926.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

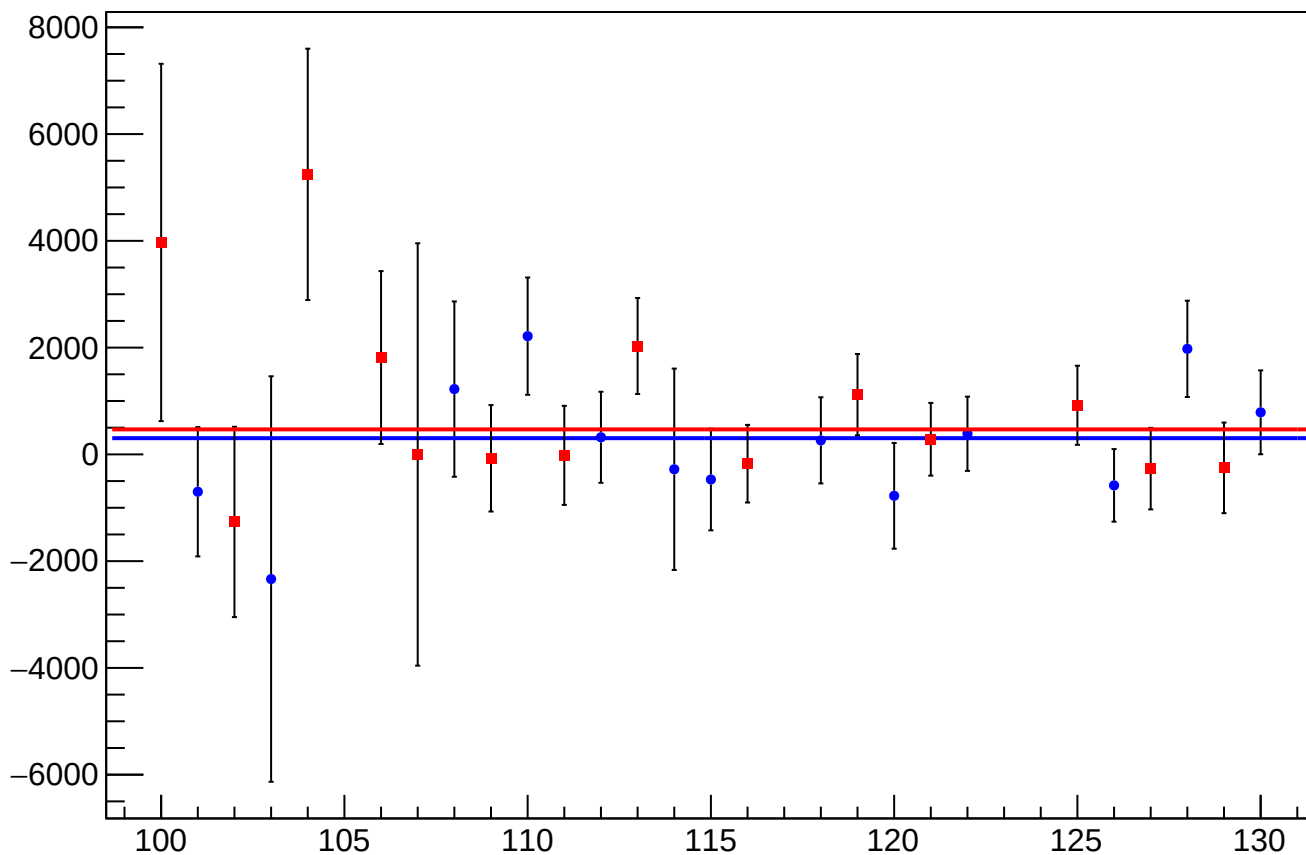
Right: 1292.349+/-0.276 χ^2/NDF : 637314.6/26

In: 1267.600+/-0.385 χ^2/NDF : 249908.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1292.349+/-0.276 χ^2/NDF : 637314.6/26

asym_usl_atl1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 303.528+/-264.050 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 468.190+/-257.132 χ^2/NDF : 14.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

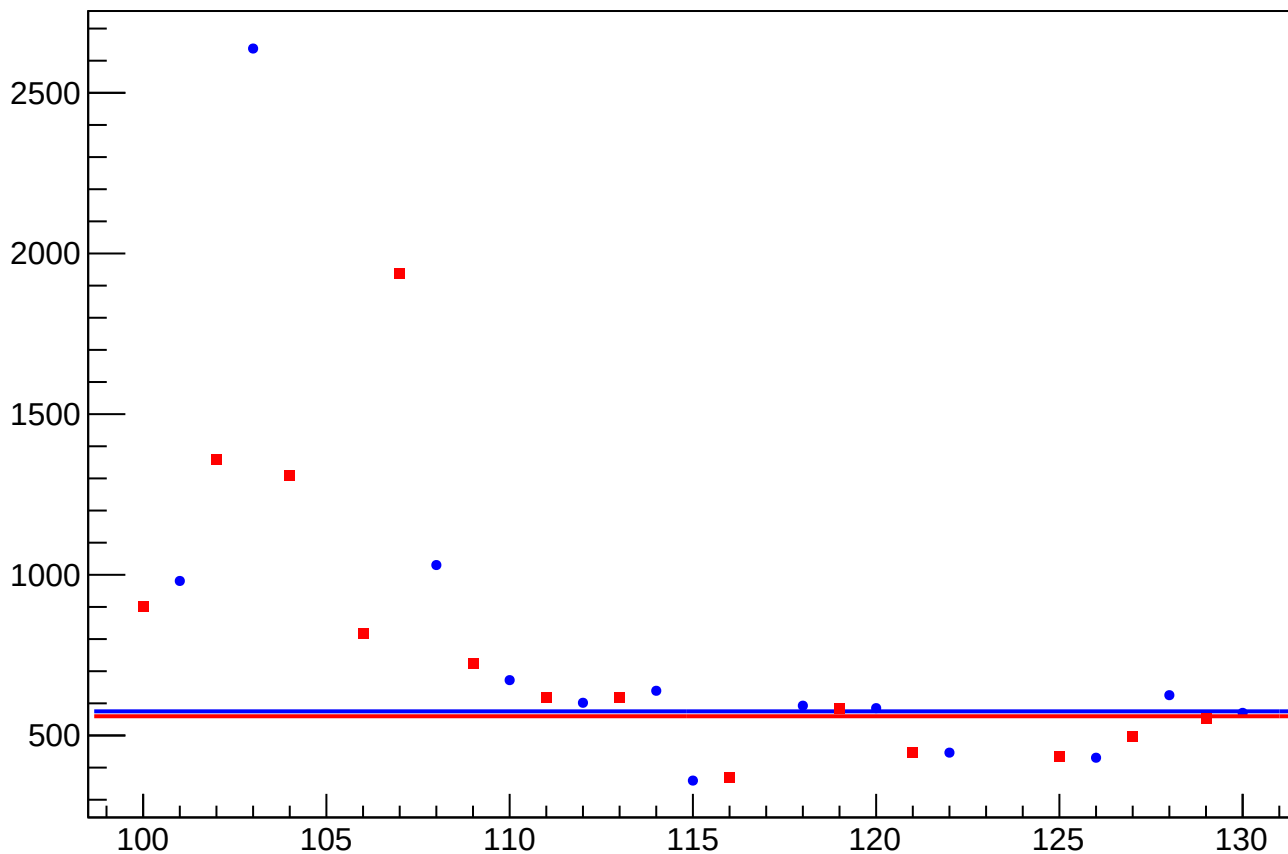
Right: 388.044+/-184.217 χ^2/NDF : 26.2/26

In: 303.528+/-264.050 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 388.044+/-184.217 χ^2/NDF : 26.2/26

asym_usl_atl1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 575.099+/-0.187 χ^2/NDF : 1256307.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 559.799+/-0.182 χ^2/NDF : 1254955.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

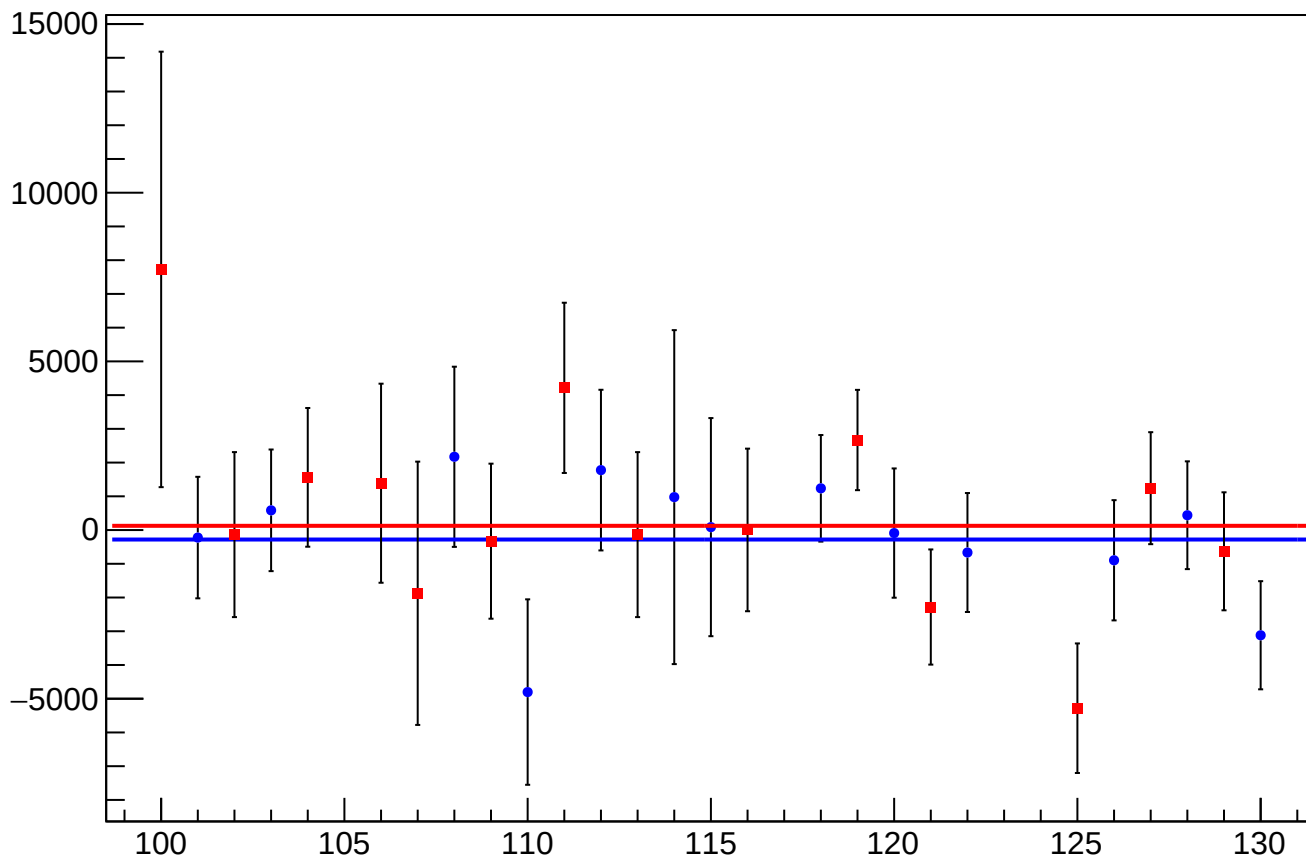
Right: 567.246+/-0.130 χ^2/NDF : 2514709.2/26

In: 575.099+/-0.187 χ^2/NDF : 1256307.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 567.246+/-0.130 χ^2/NDF : 2514709.2/26

dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -280.868+/-551.139 χ^2/NDF : 9.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.535+/-572.527 χ^2/NDF : 18.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

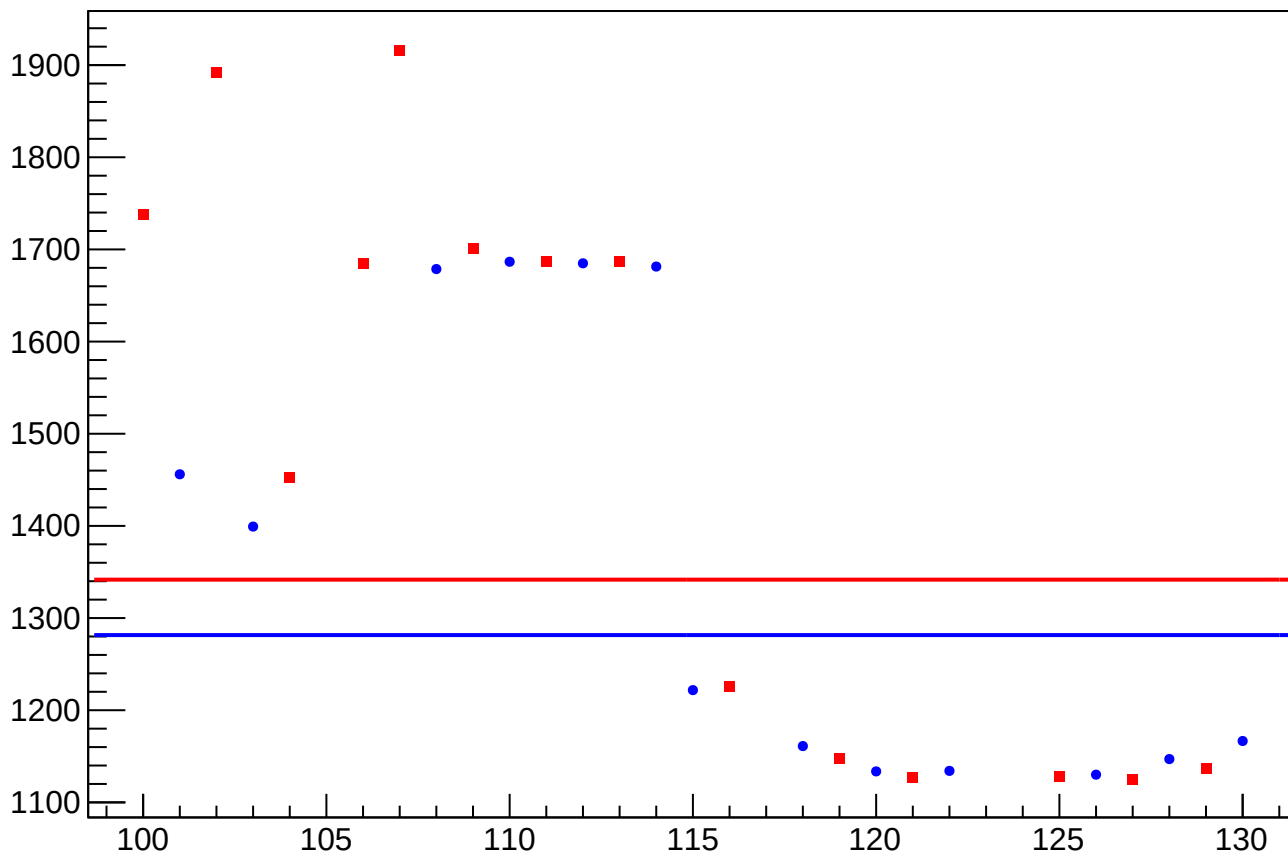
Right: -85.399+/-397.060 χ^2/NDF : 27.8/26

In: -280.868+/-551.139 χ^2/NDF : 9.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -85.399+/-397.060 χ^2/NDF : 27.8/26

dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1281.527+/-0.390 χ^2/NDF : 262523.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1341.689+/-0.405 χ^2/NDF : 467767.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

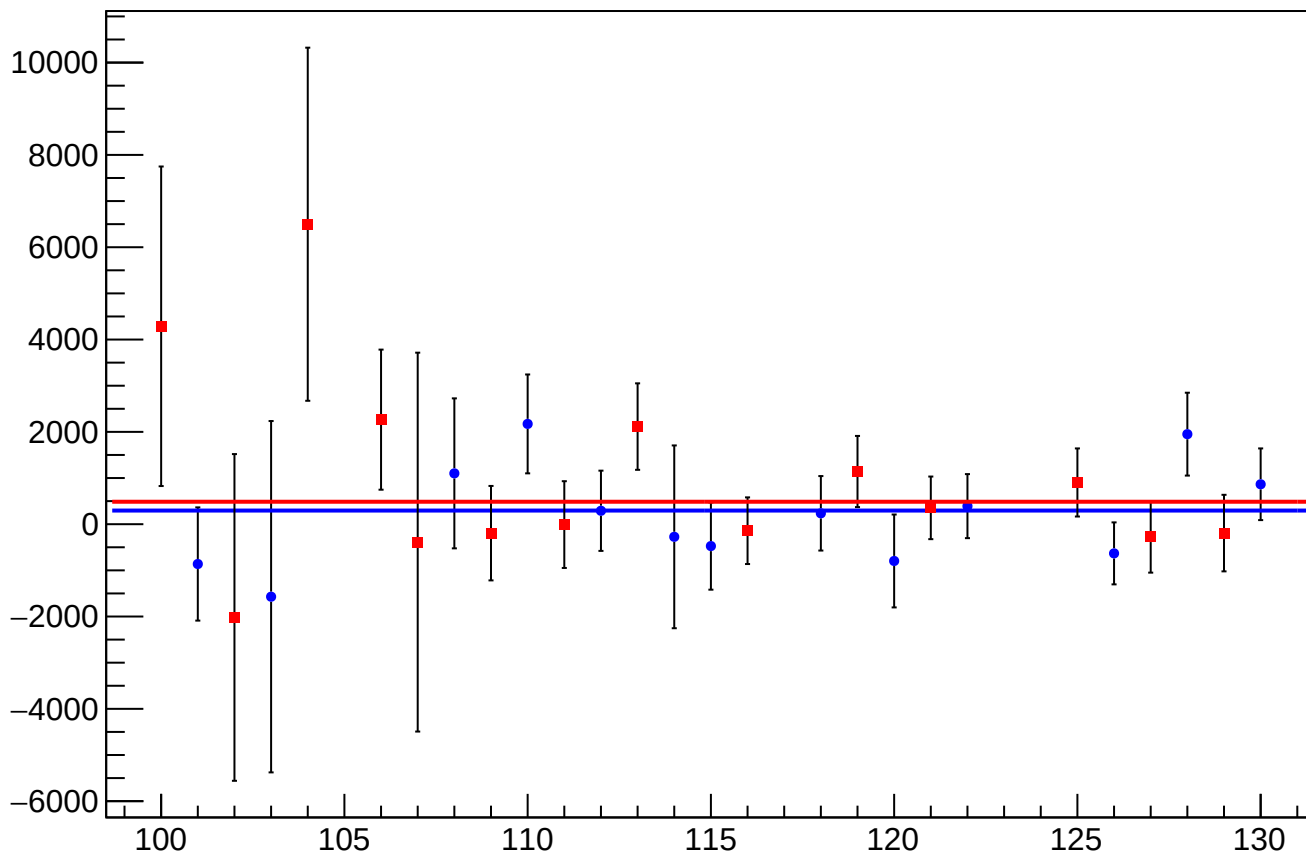
Right: 1310.463+/-0.281 χ^2/NDF : 741754.2/26

In: 1281.527+/-0.390 χ^2/NDF : 262523.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.463+/-0.281 χ^2/NDF : 741754.2/26

asym_usl_atl1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 295.476+/-263.473 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 486.583+/-260.836 χ^2/NDF : 12.8/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

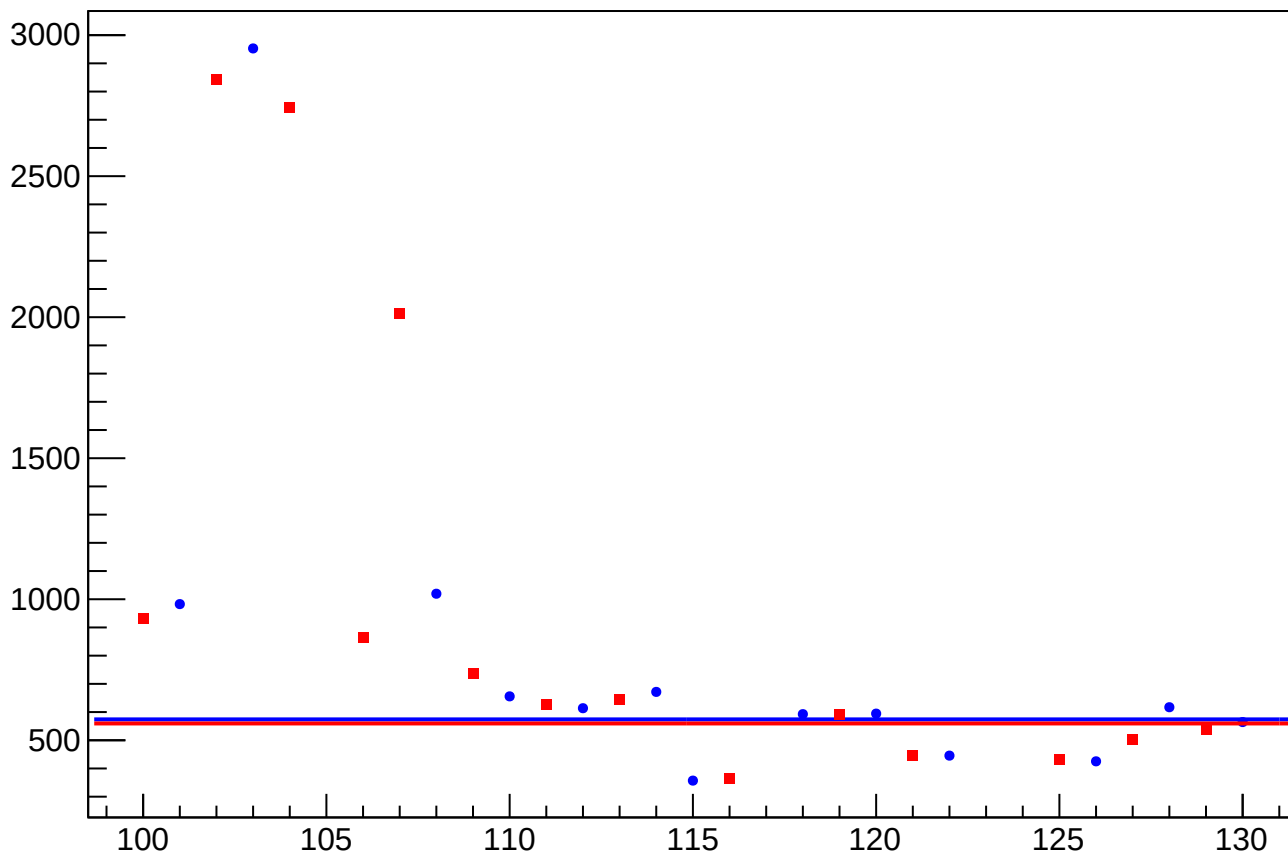
Right: 391.991+/-185.364 χ^2/NDF : 25.3/26

In: 295.476+/-263.473 χ^2/NDF :12.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 391.991+/-185.364 χ^2/NDF : 25.3/26

asym_usl_atl1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 574.036+/-0.186 χ^2/NDF : 1453747.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 559.614+/-0.184 χ^2/NDF : 2202941.8/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

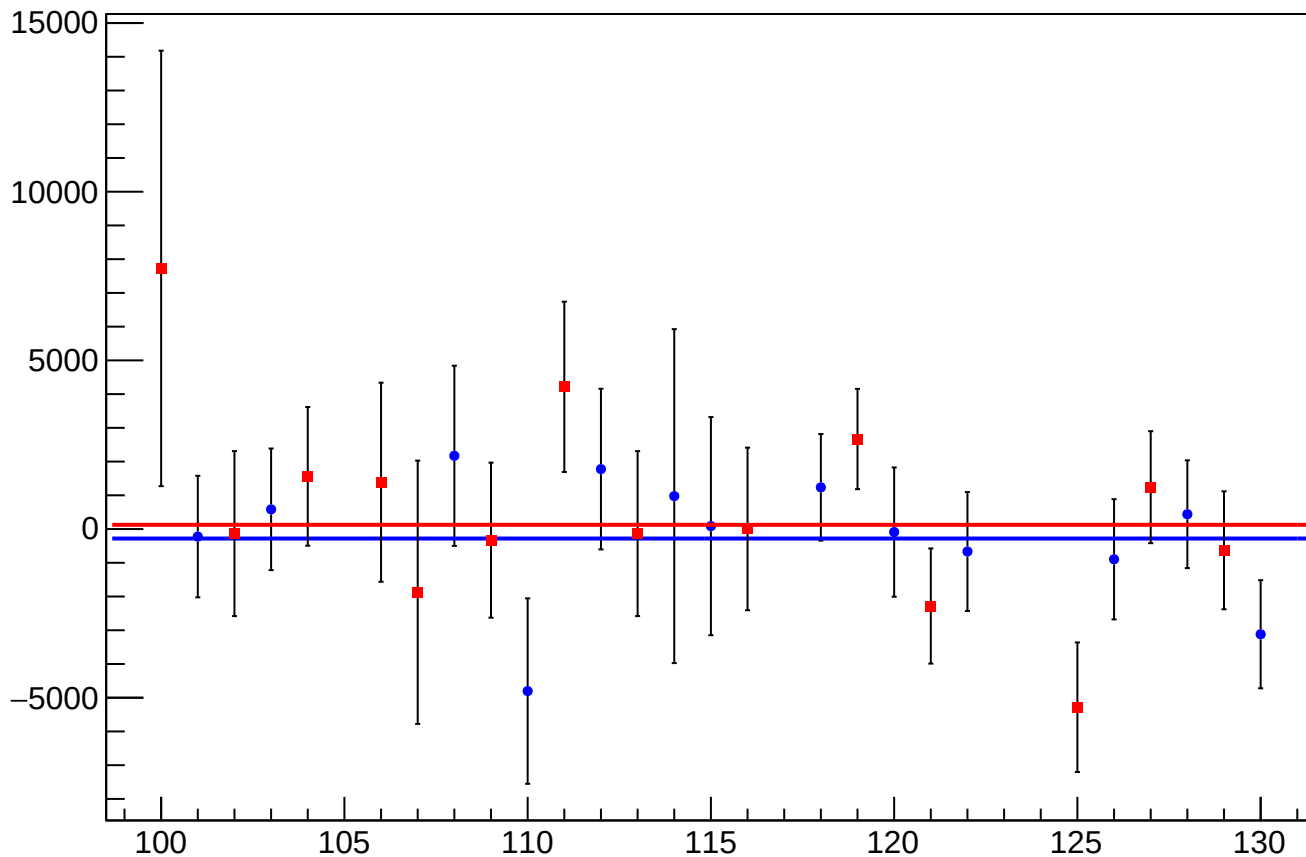
Right: 566.752+/-0.131 χ^2/NDF : 3659715.9/26

In: 574.036+/-0.186 χ^2/NDF :1453747.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 566.752+/-0.131 χ^2/NDF : 3659715.9/26

eigen_dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -280.866 ± 551.139 χ^2/NDF : 9.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 125.535 ± 572.526 χ^2/NDF : 18.5/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

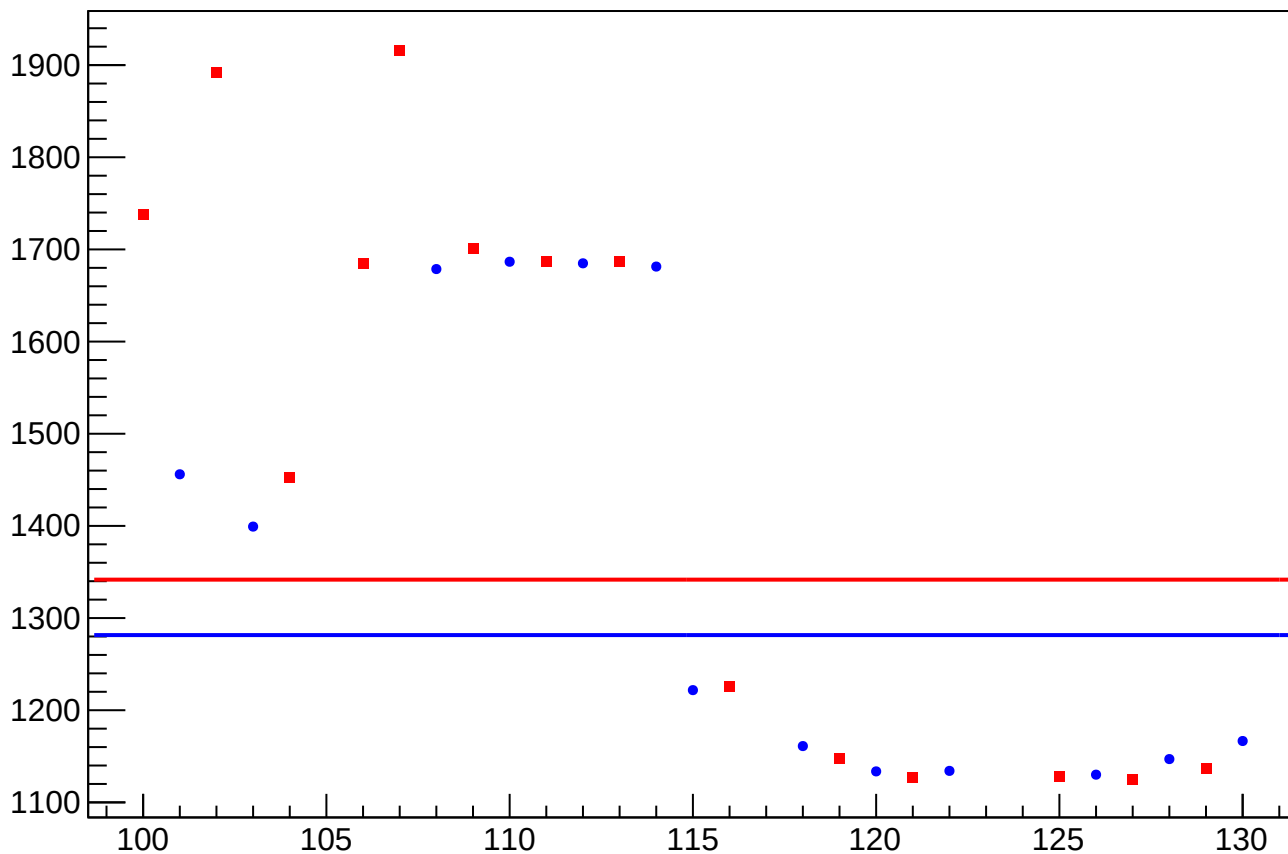
Right: -85.398 ± 397.060 χ^2/NDF : 27.8/26

In: -280.866 ± 551.139 χ^2/NDF : 9.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -85.398 ± 397.060 χ^2/NDF : 27.8/26

eigen_dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1281.526+/-0.390 χ^2/NDF : 262523.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1341.689+/-0.405 χ^2/NDF : 467767.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

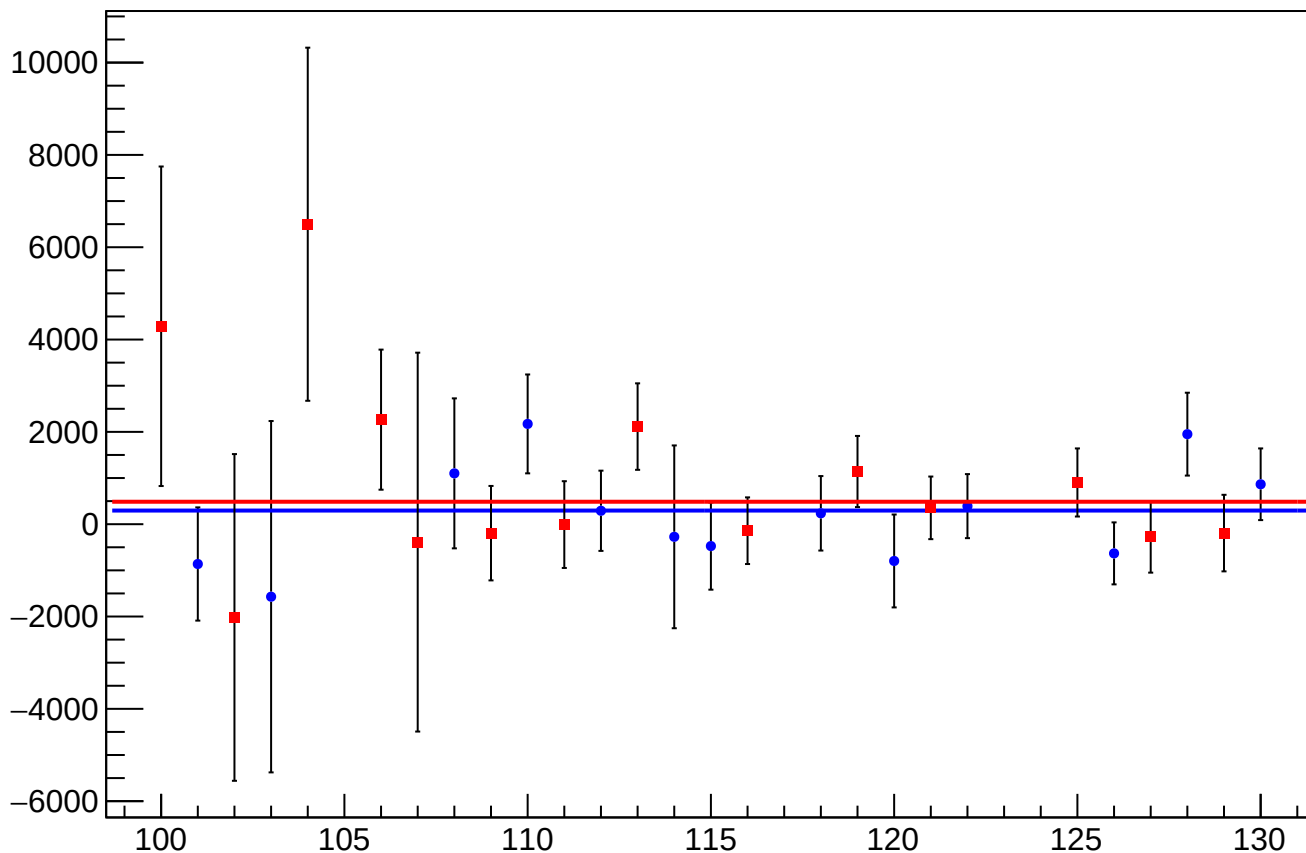
Right: 1310.463+/-0.281 χ^2/NDF : 741753.5/26

In: 1281.526+/-0.390 χ^2/NDF : 262523.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.463+/-0.281 χ^2/NDF : 741753.5/26

asym_usl_atl1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 295.476+/-263.473 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 486.584+/-260.836 χ^2/NDF : 12.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

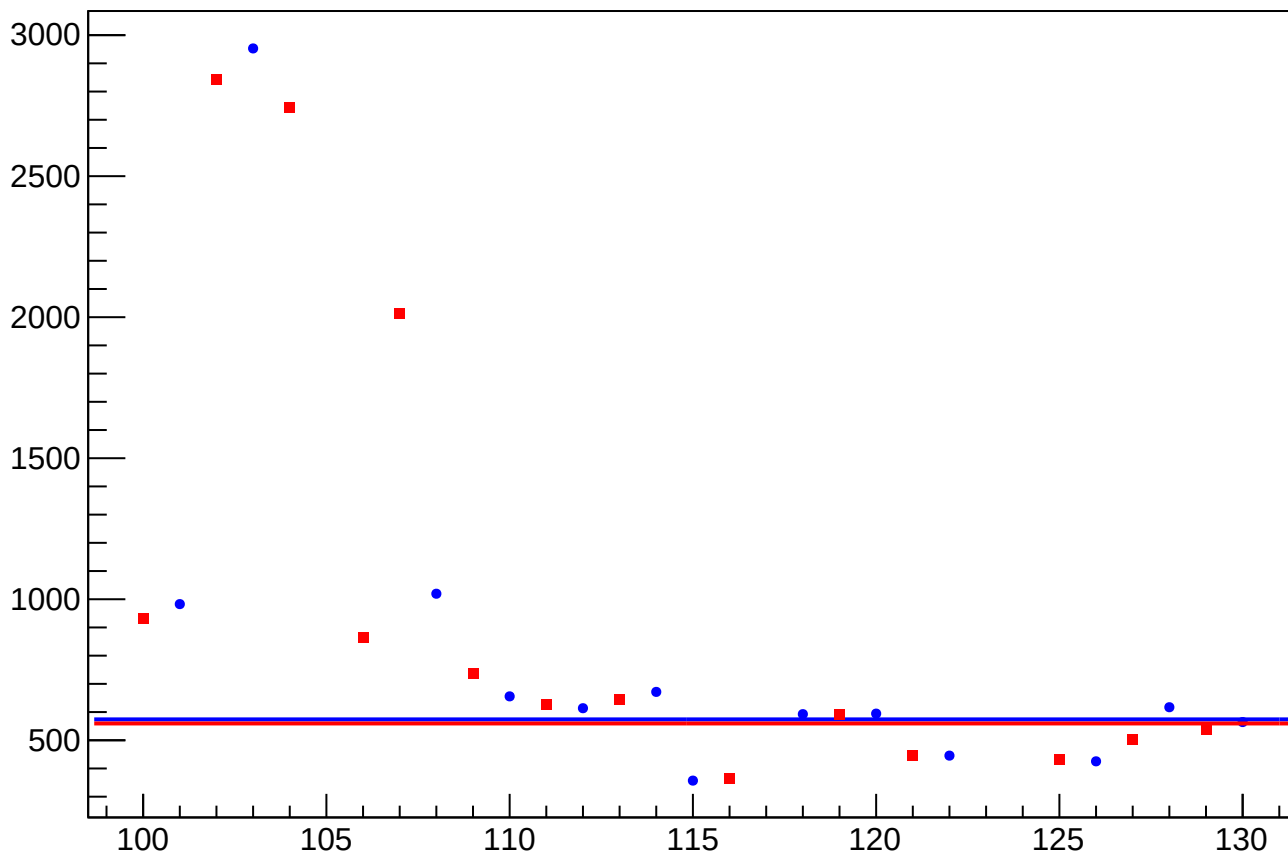
Right: 391.991+/-185.364 χ^2/NDF : 25.3/26

In: 295.476+/-263.473 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 391.991+/-185.364 χ^2/NDF : 25.3/26

asym_usl_atl1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 574.036+/-0.186 χ^2/NDF : 1453745.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 559.613+/-0.184 χ^2/NDF : 2202942.2/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

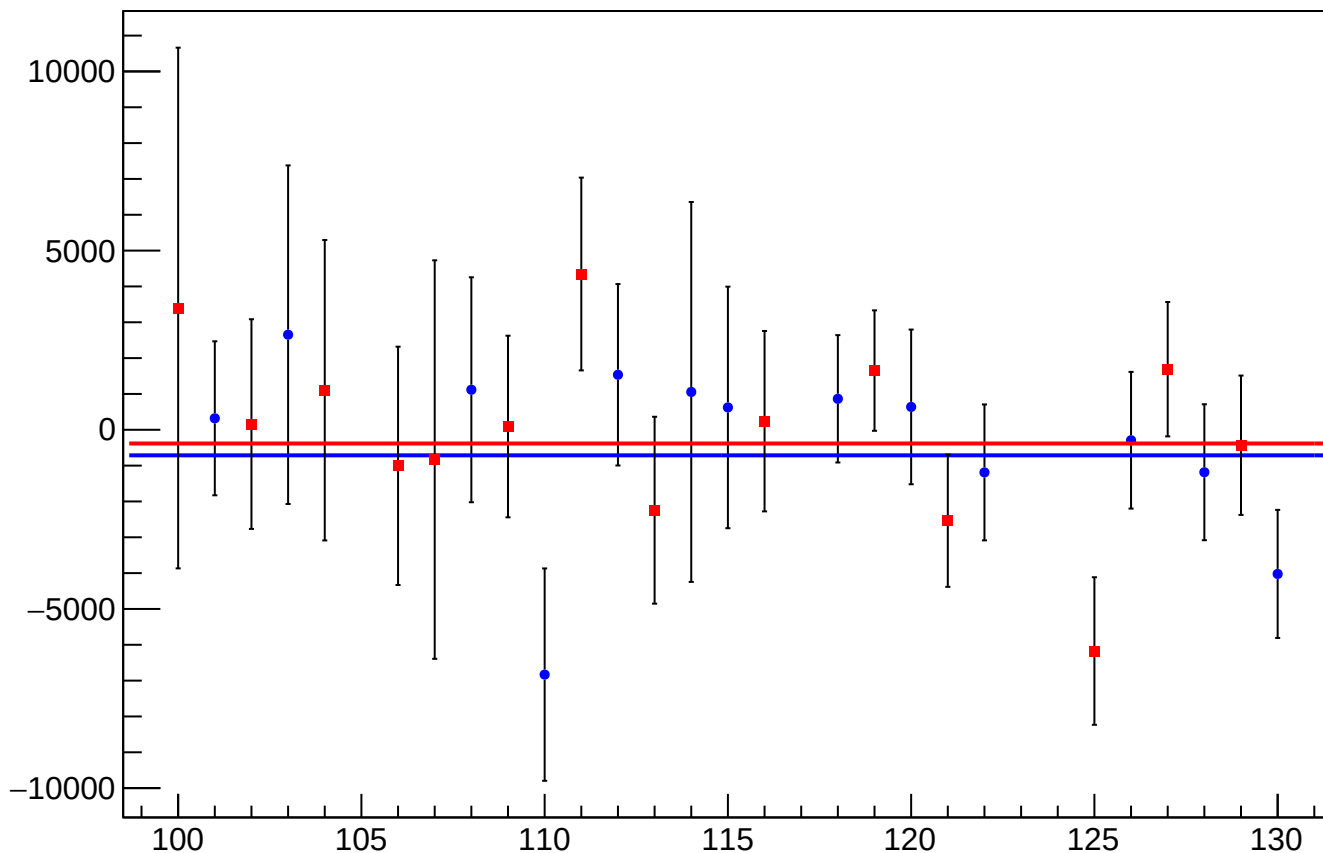
Right: 566.752+/-0.131 χ^2/NDF : 3659714.2/26

In: 574.036+/-0.186 χ^2/NDF :1453745.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 566.752+/-0.131 χ^2/NDF : 3659714.2/26

asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -712.973+/-641.277 χ^2/NDF : 11.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -382.795+/-652.762 χ^2/NDF : 16.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

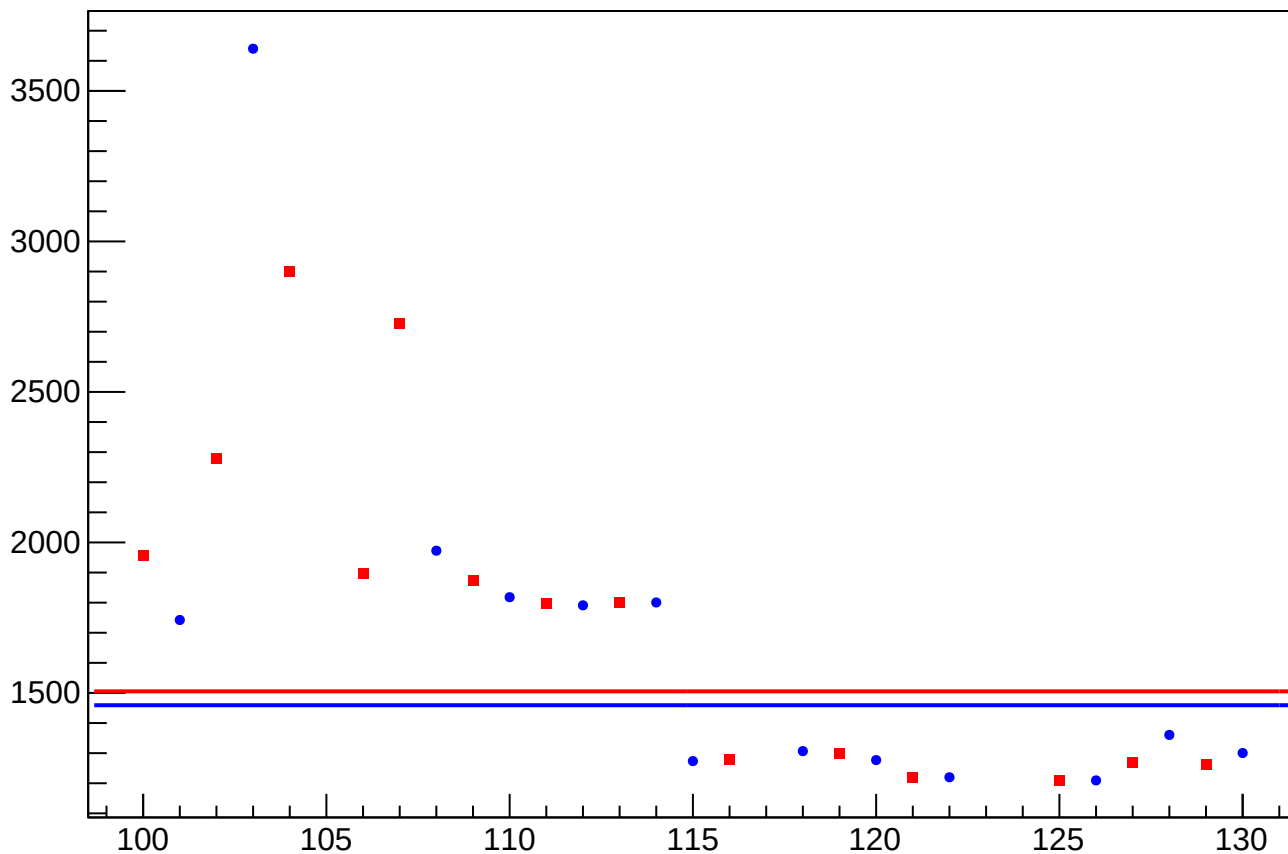
Right: -550.814+/-457.458 χ^2/NDF : 27.5/26

In: -712.973+/-641.277 χ^2/NDF : 11.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -550.814+/-457.458 χ^2/NDF : 27.5/26

asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1459.195+/-0.453 χ^2/NDF : 708835.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1505.291+/-0.462 χ^2/NDF : 783738.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

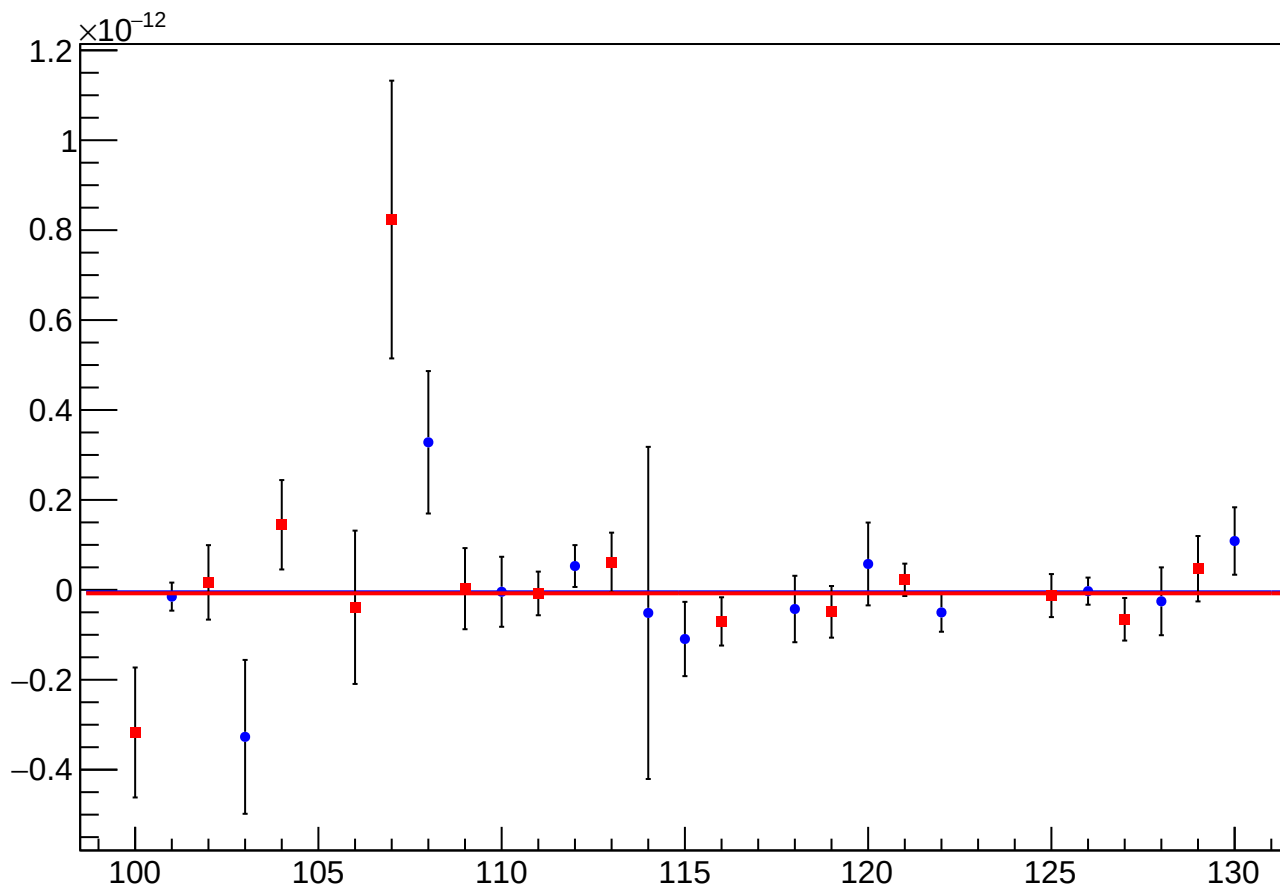
Right: 1481.834+/-0.323 χ^2/NDF : 1497649.1/26

In: 1459.195+/-0.453 χ^2/NDF : 708835.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1481.834+/-0.323 χ^2/NDF : 1497649.1/26

asym_usl_atl1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 15.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 20.0/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

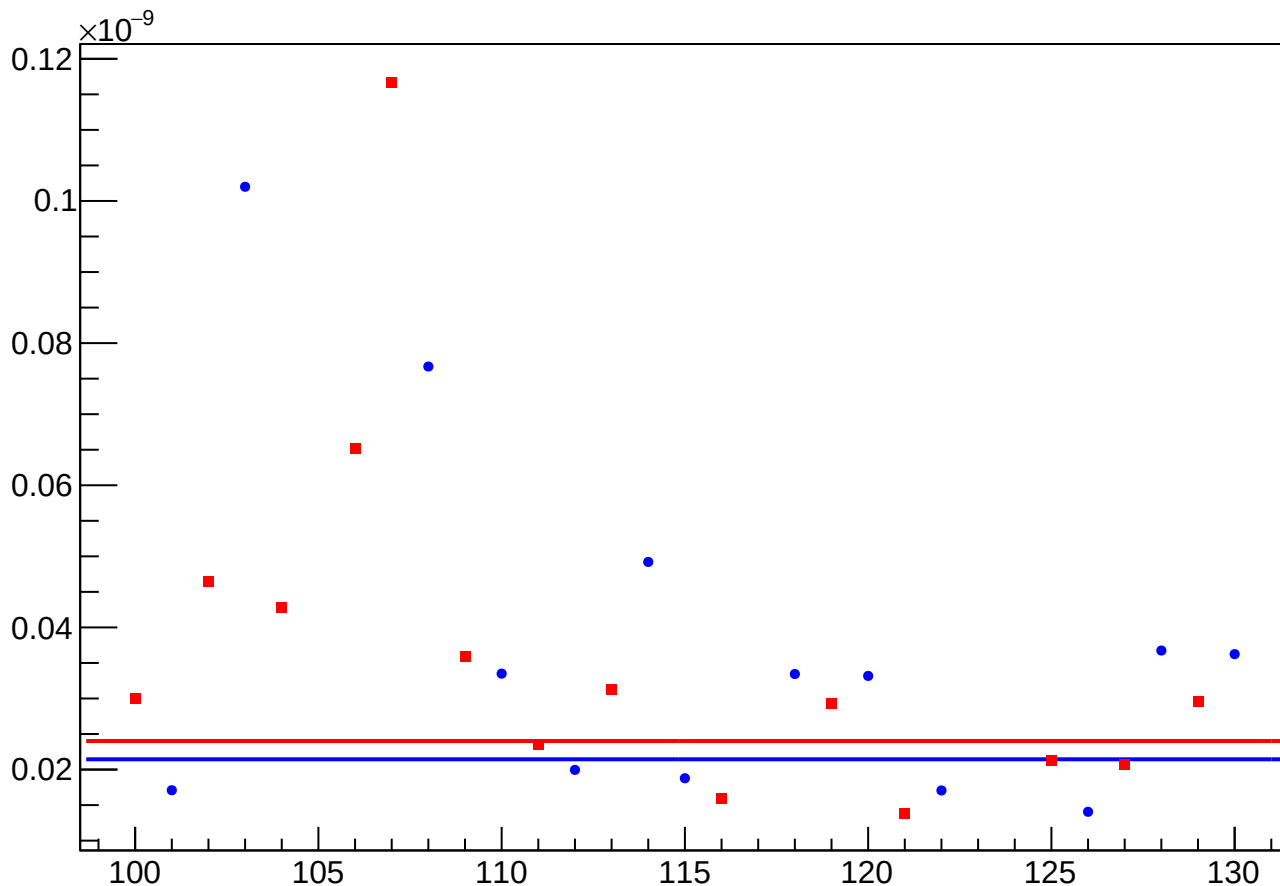
Right: -0.000+/-0.000 χ^2 /NDF: 35.5/26

In: -0.000+/-0.000 χ^2 /NDF:15.4/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 35.5/26

asym_usl_atl1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1174943.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 827936.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

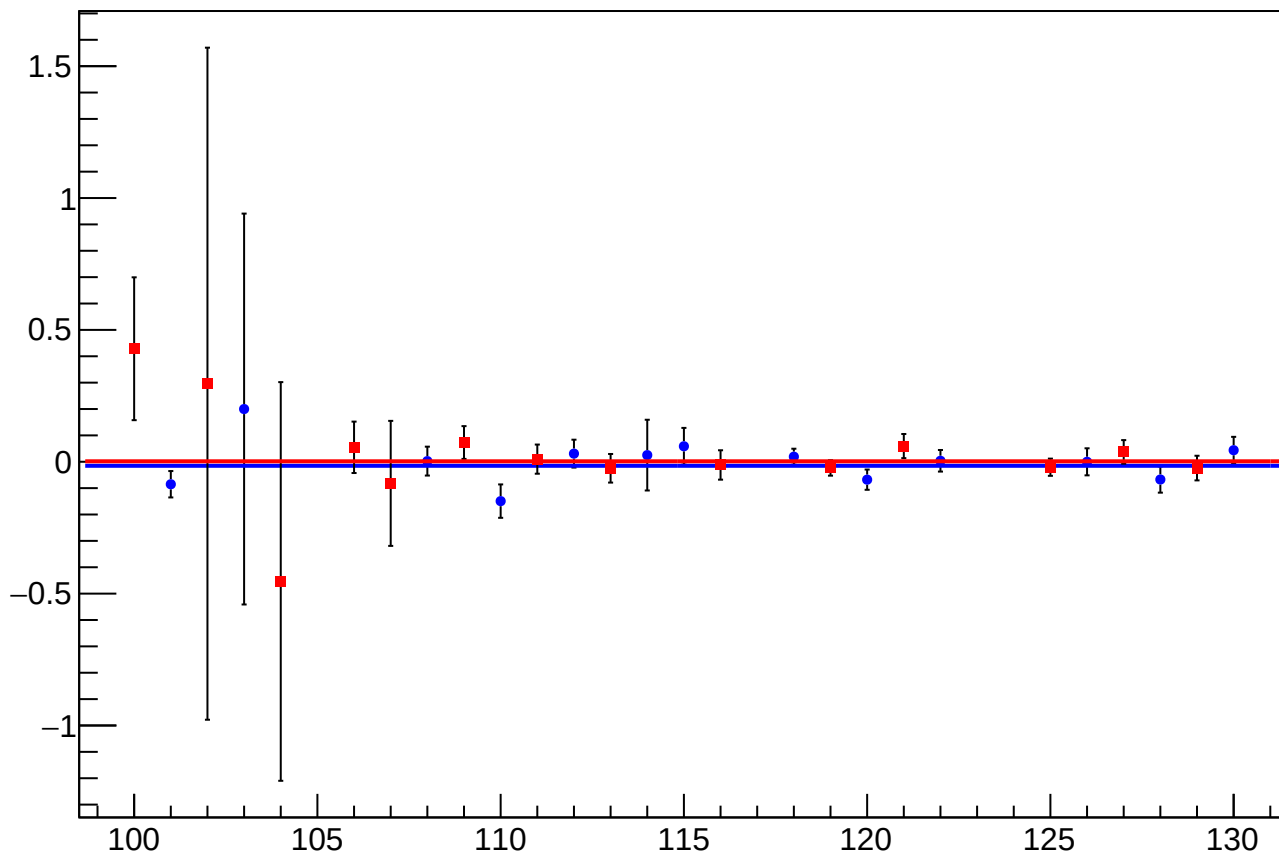
Right: 0.000+/-0.000 χ^2/NDF : 2028490.7/26

In: 0.000+/-0.000 χ^2/NDF : 1174943.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2028490.7/26

asym_usl_atl1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.014 χ^2/NDF : 14.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.014 χ^2/NDF : 8.7/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

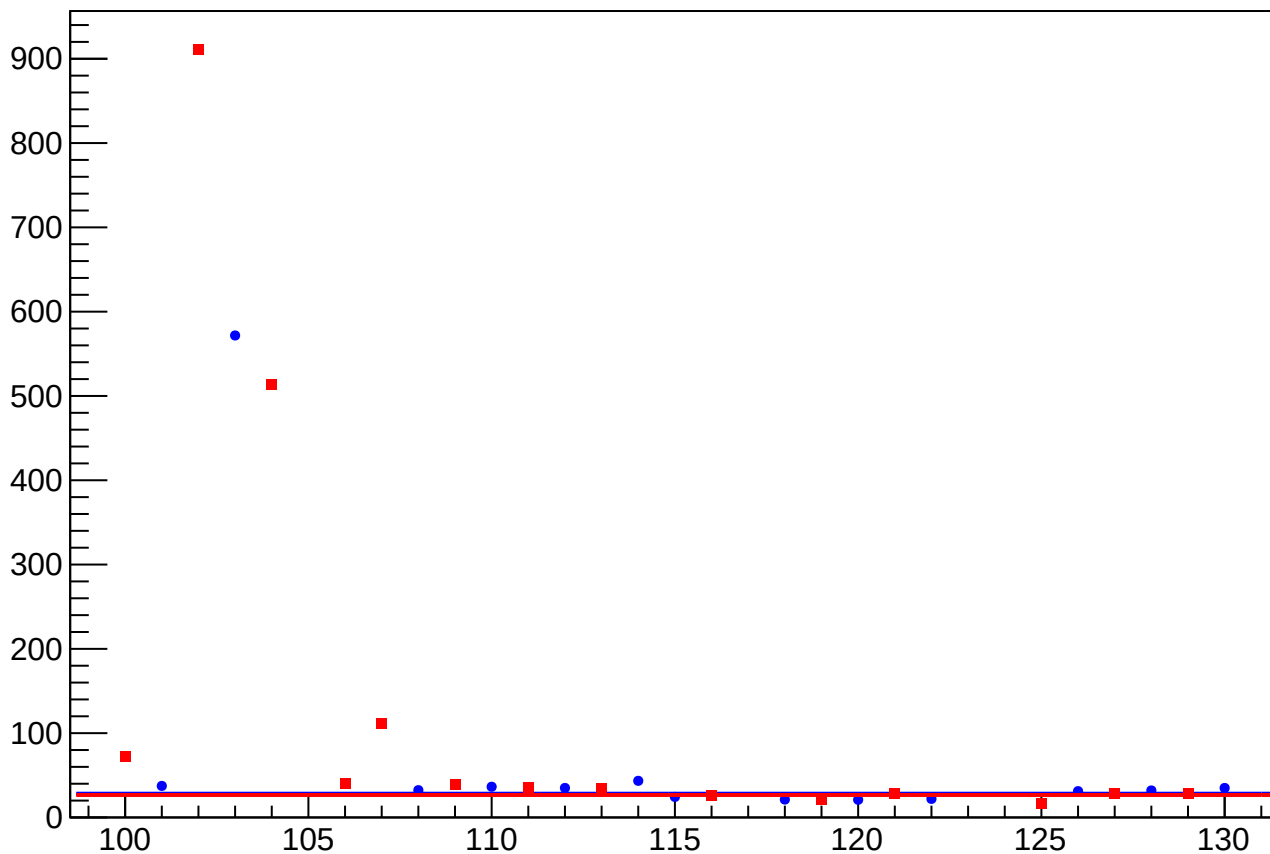
Right: -0.007+/-0.010 χ^2/NDF : 24.0/26

In: -0.015+/-0.014 χ^2/NDF :14.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.007+/-0.010 χ^2/NDF : 24.0/26

asym_usl_atl1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.157+/-0.010 χ^2/NDF : 1529320.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.661+/-0.010 χ^2/NDF : 2578749.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

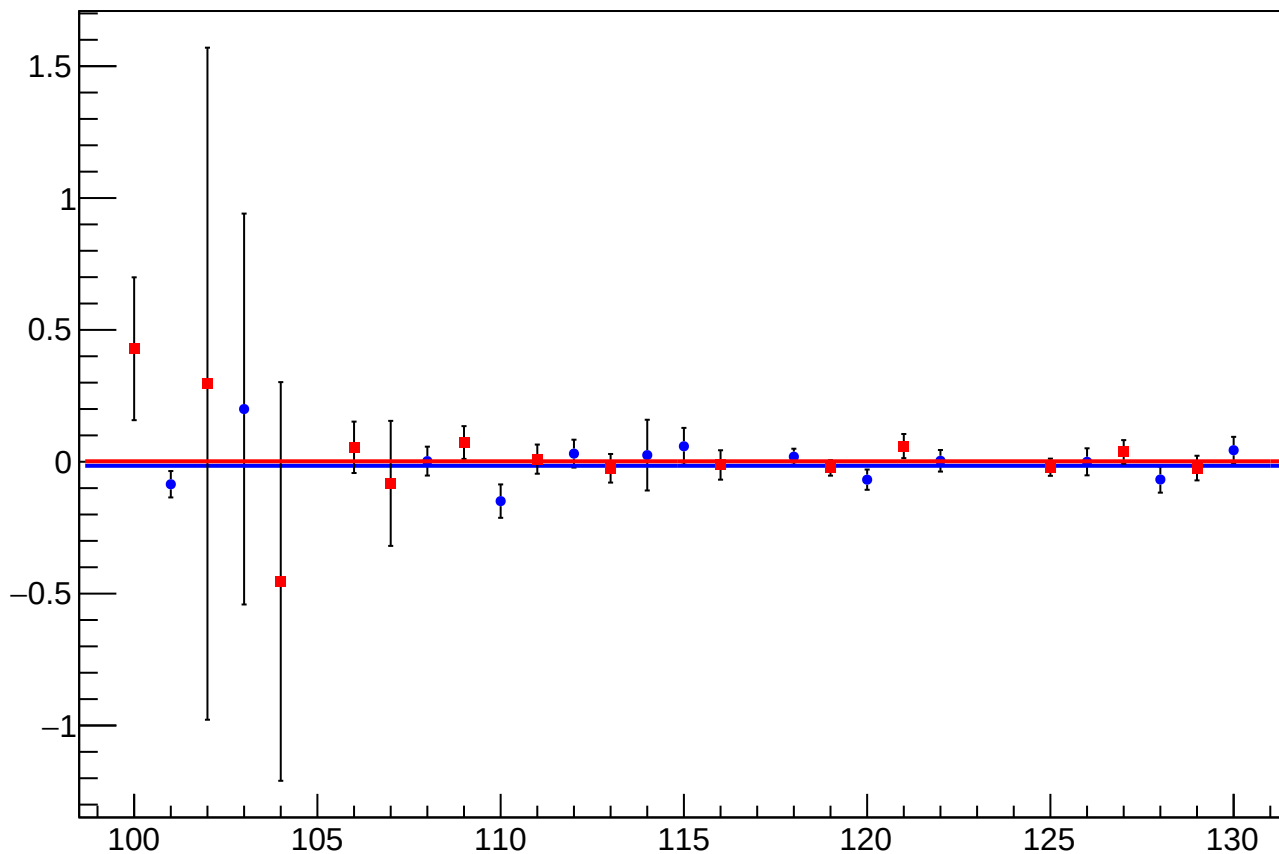
Right: 27.424+/-0.007 χ^2/NDF : 4119343.1/26

In: 28.157+/-0.010 χ^2/NDF : 1529320.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.424+/-0.007 χ^2/NDF : 4119343.1/26

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.014 χ^2/NDF : 14.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.014 χ^2/NDF : 8.7/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

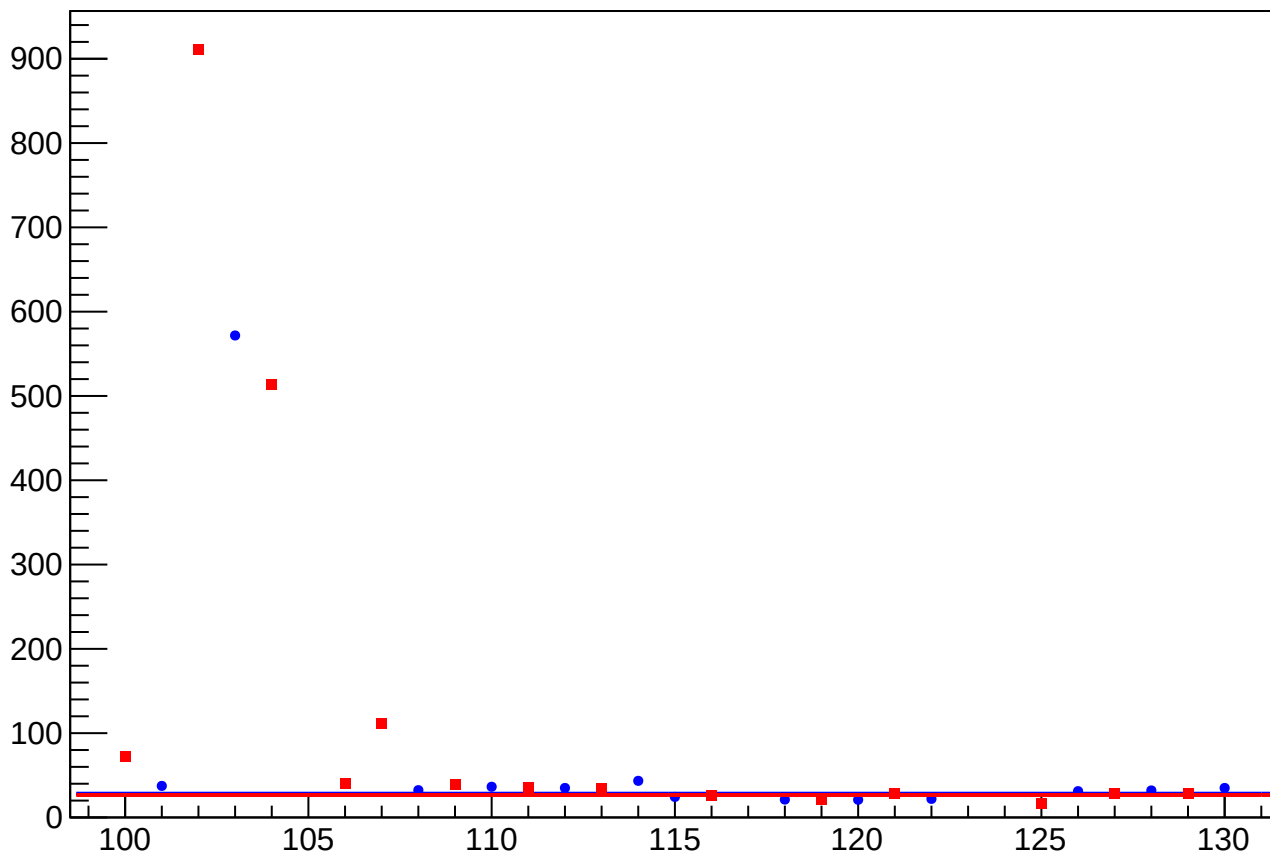
Right: -0.007+/-0.010 χ^2/NDF : 24.0/26

In: -0.015+/-0.014 χ^2/NDF :14.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.007+/-0.010 χ^2/NDF : 24.0/26

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.157+/-0.010 χ^2/NDF : 1529320.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.661+/-0.010 χ^2/NDF : 2578749.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

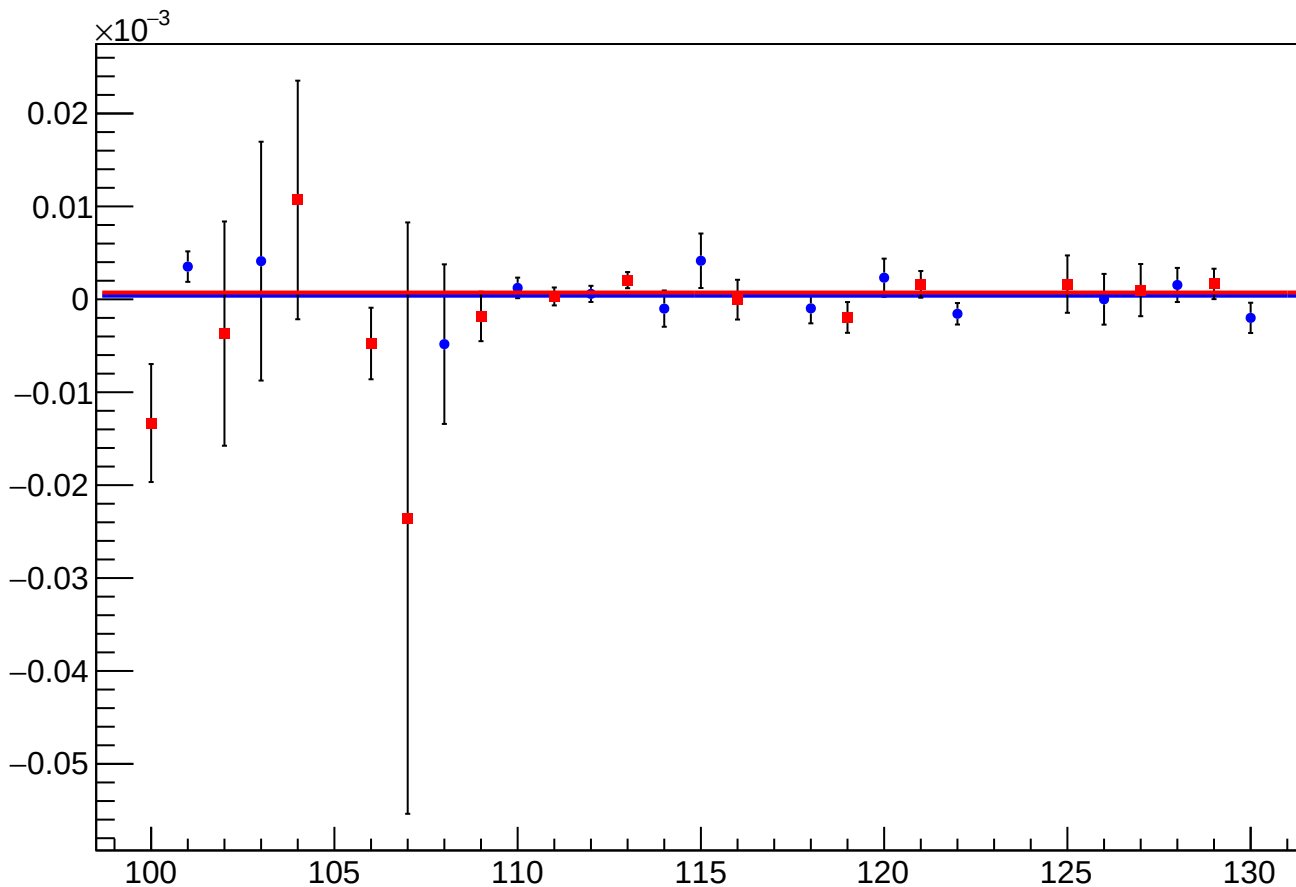
Right: 27.424+/-0.007 χ^2/NDF : 4119343.1/26

In: 28.157+/-0.010 χ^2/NDF : 1529320.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.424+/-0.007 χ^2/NDF : 4119343.1/26

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

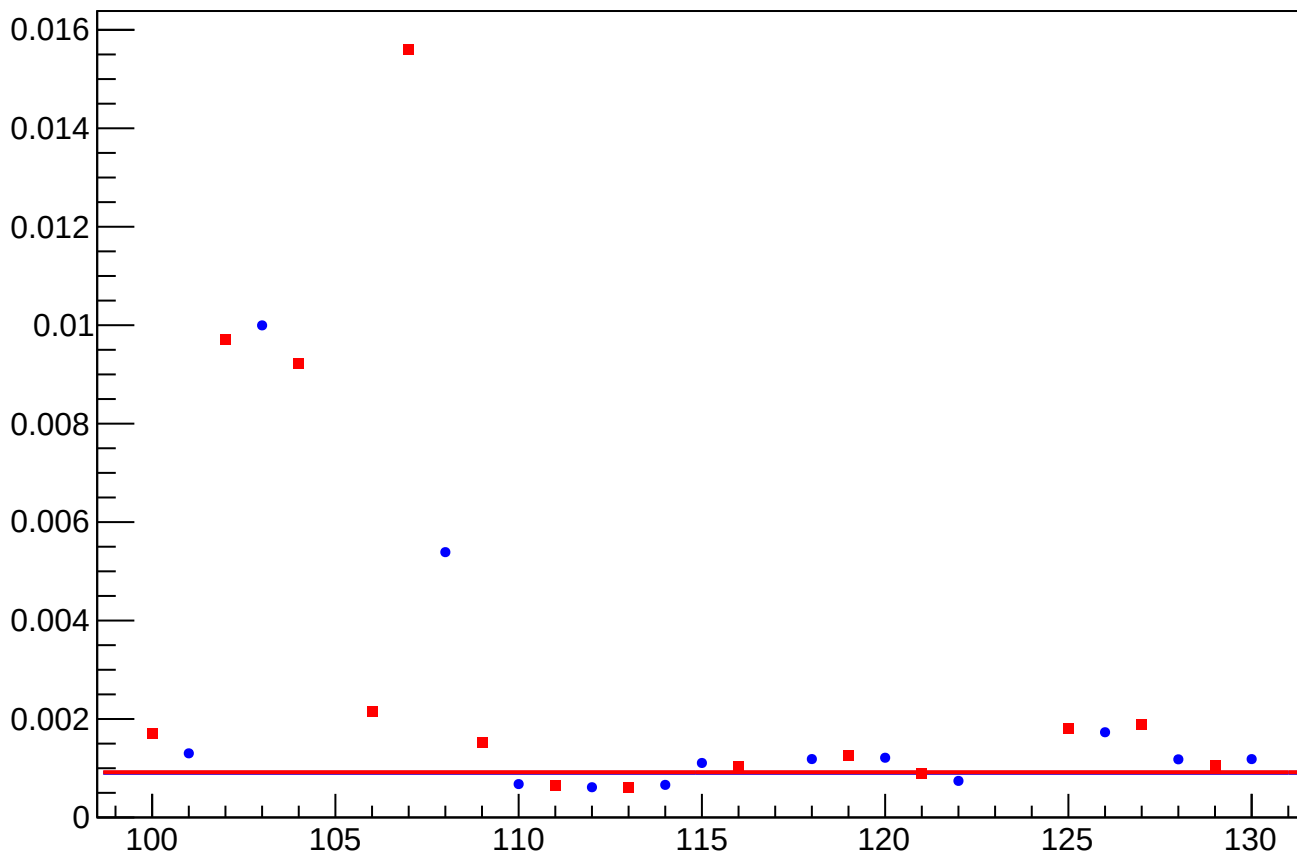
Right: 0.000+/-0.000 χ^2/NDF : 29.4/26

In: 0.000+/-0.000 χ^2/NDF : 13.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.4/26

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2444856.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3609336.3/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

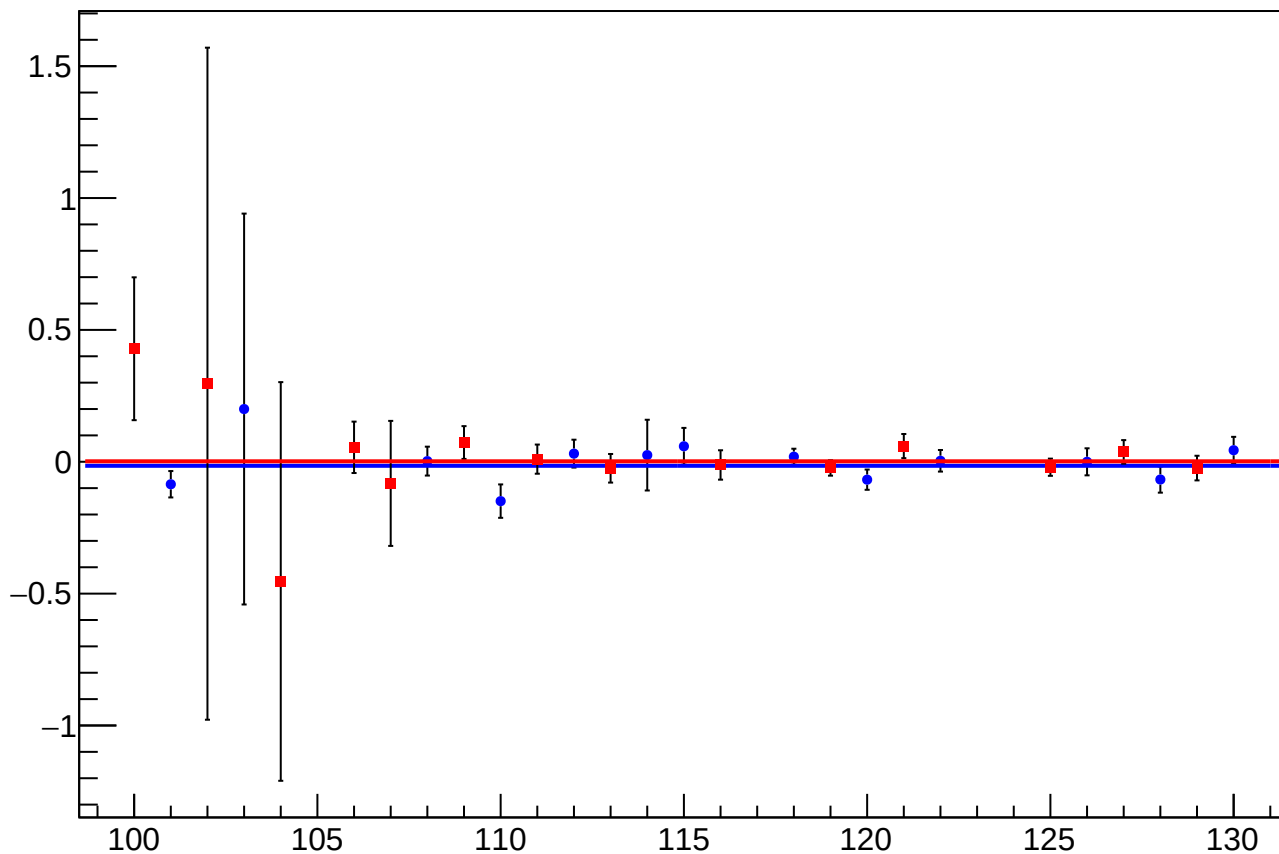
Right: 0.001+/-0.000 χ^2/NDF : 6054835.8/26

In: 0.001+/-0.000 χ^2/NDF :2444856.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6054835.8/26

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.014 χ^2/NDF : 14.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.014 χ^2/NDF : 8.7/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

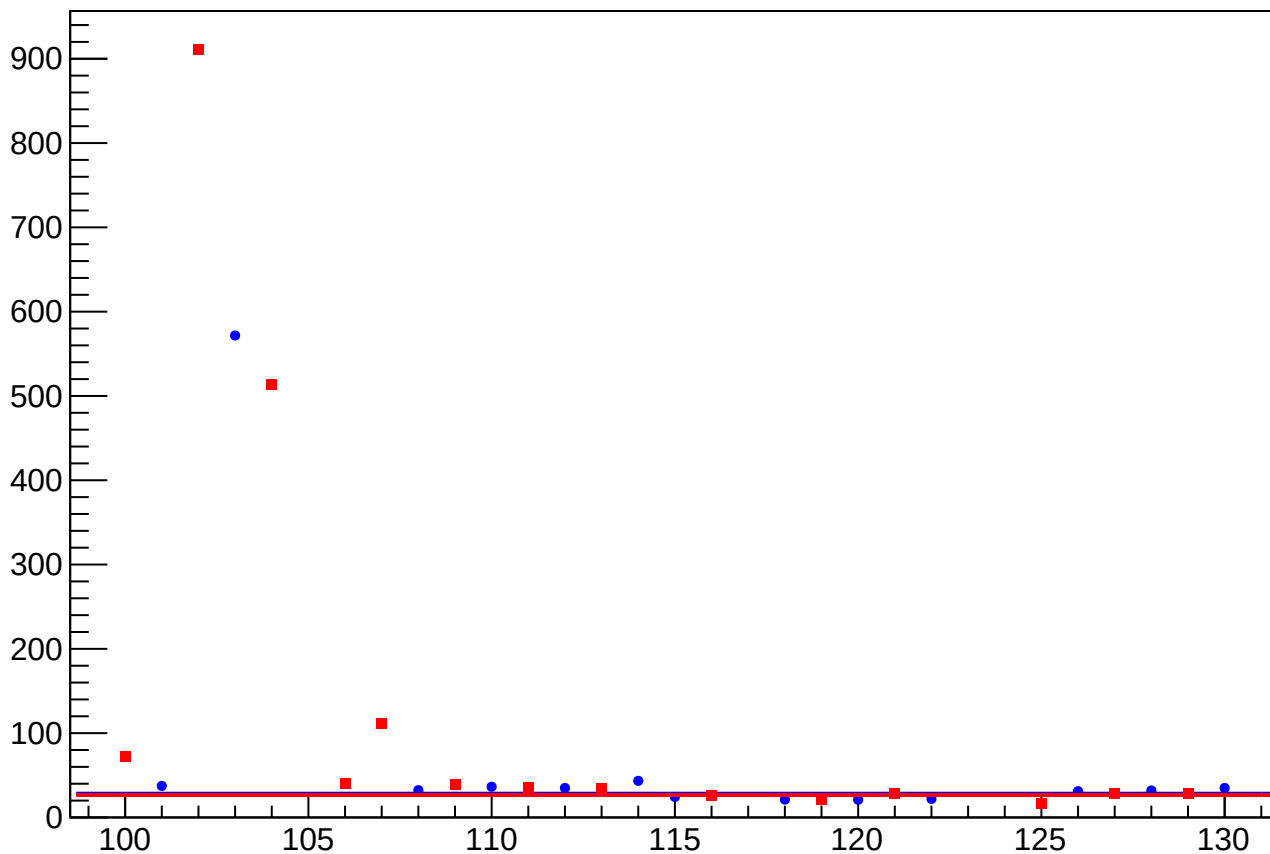
Right: -0.007+/-0.010 χ^2/NDF : 24.0/26

In: -0.015+/-0.014 χ^2/NDF :14.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.007+/-0.010 χ^2/NDF : 24.0/26

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.157+/-0.010 χ^2/NDF : 1529314.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.661+/-0.010 χ^2/NDF : 2578771.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

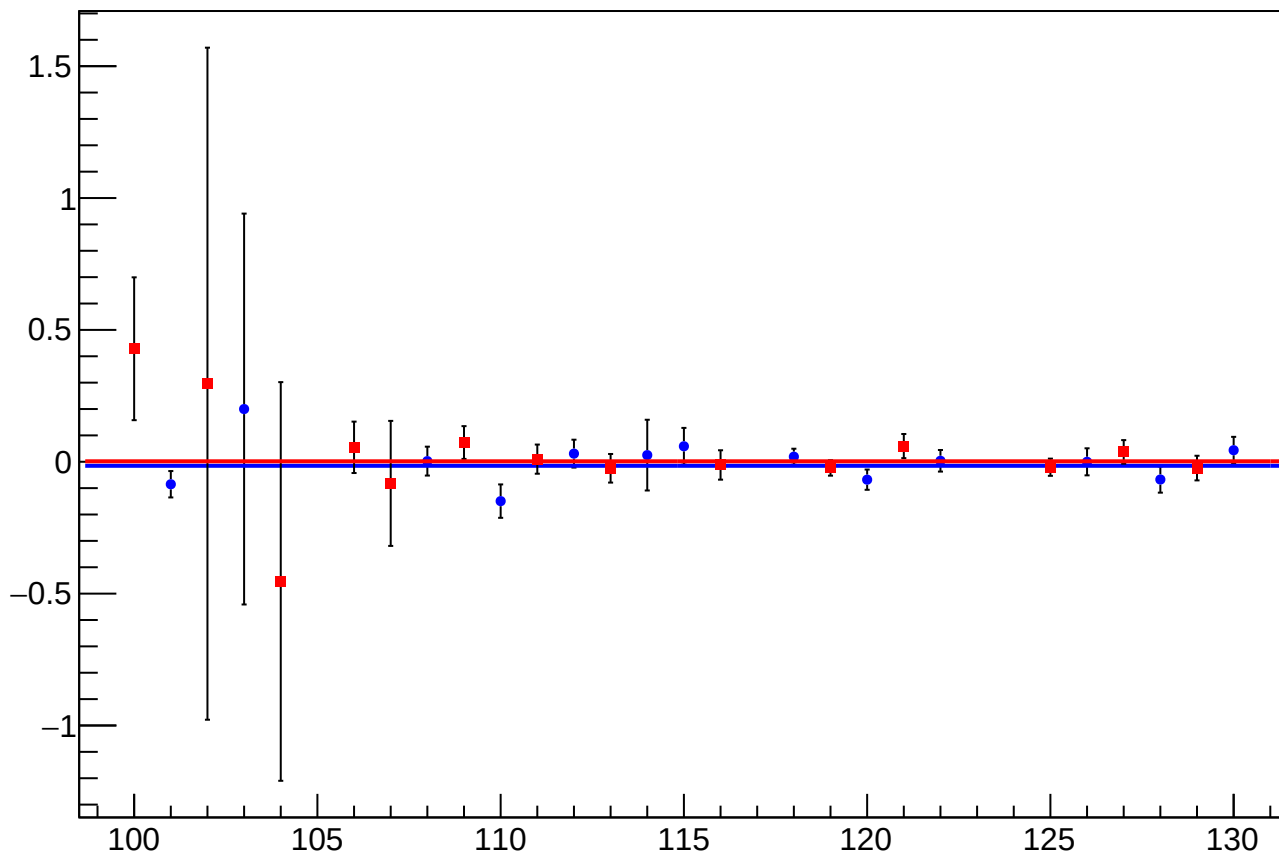
Right: 27.424+/-0.007 χ^2/NDF : 4119359.3/26

In: 28.157+/-0.010 χ^2/NDF : 1529314.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.424+/-0.007 χ^2/NDF : 4119359.3/26

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.014 χ^2/NDF : 14.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.014 χ^2/NDF : 8.7/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

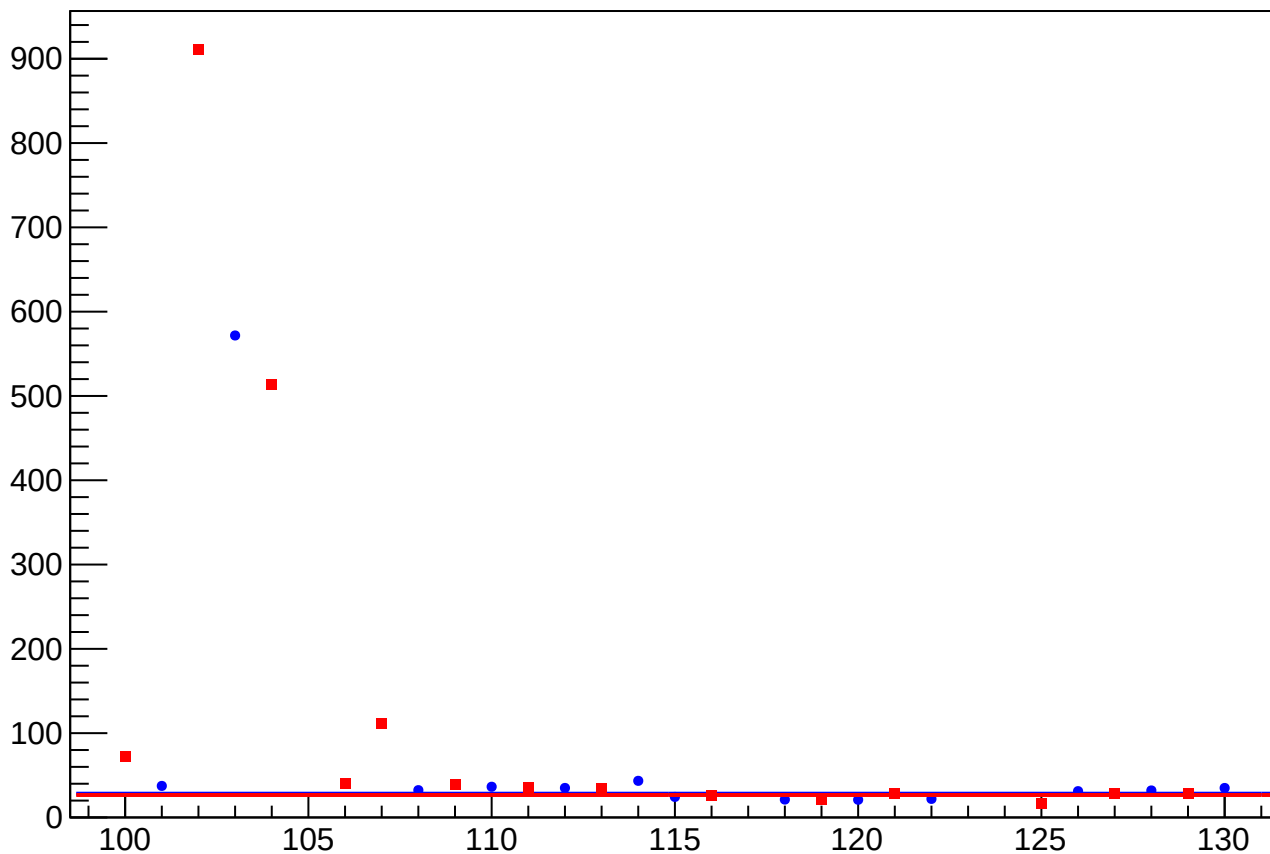
Right: -0.007+/-0.010 χ^2/NDF : 24.0/26

In: -0.015+/-0.014 χ^2/NDF :14.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.007+/-0.010 χ^2/NDF : 24.0/26

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.157+/-0.010 χ^2/NDF : 1529314.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.661+/-0.010 χ^2/NDF : 2578771.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

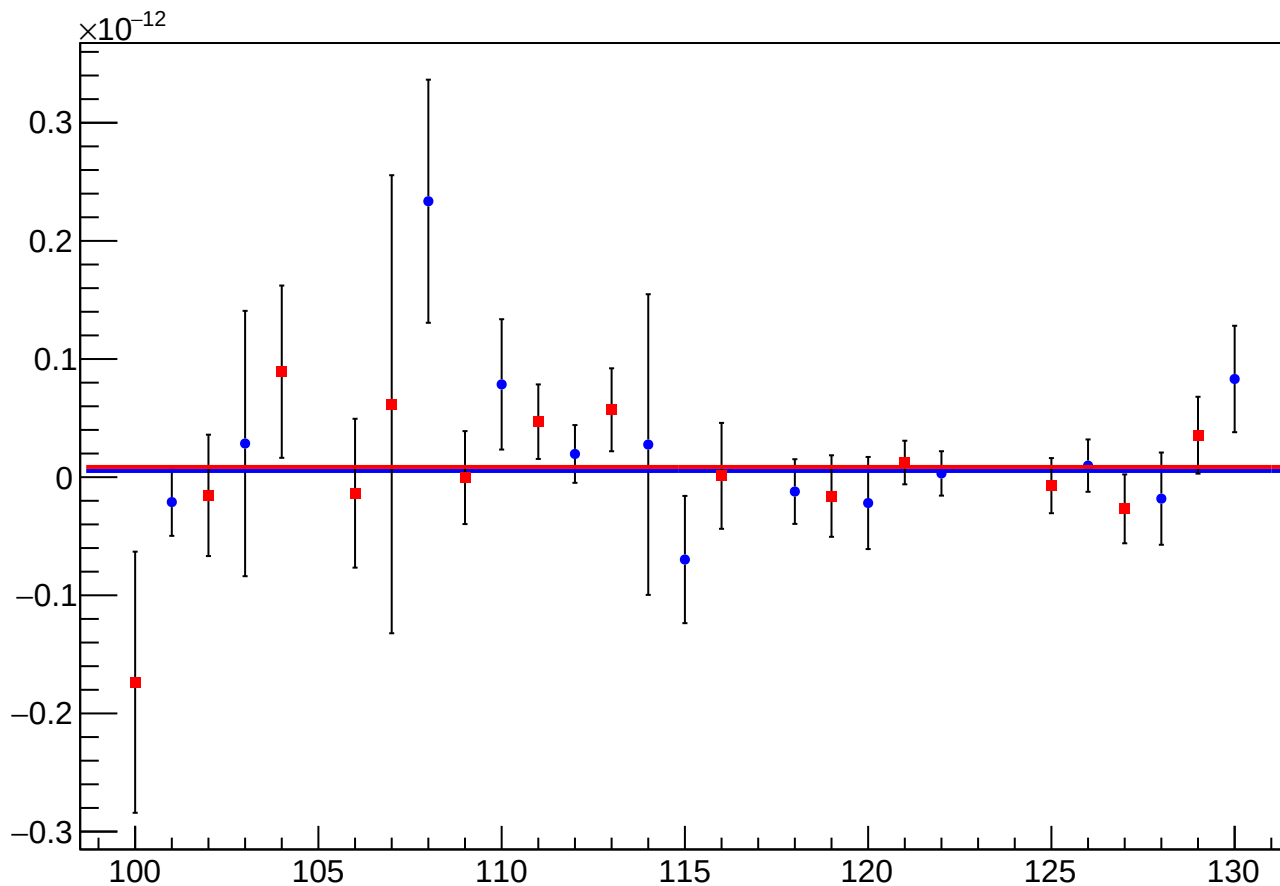
Right: 27.424+/-0.007 χ^2/NDF : 4119359.3/26

In: 28.157+/-0.010 χ^2/NDF : 1529314.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.424+/-0.007 χ^2/NDF : 4119359.3/26

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

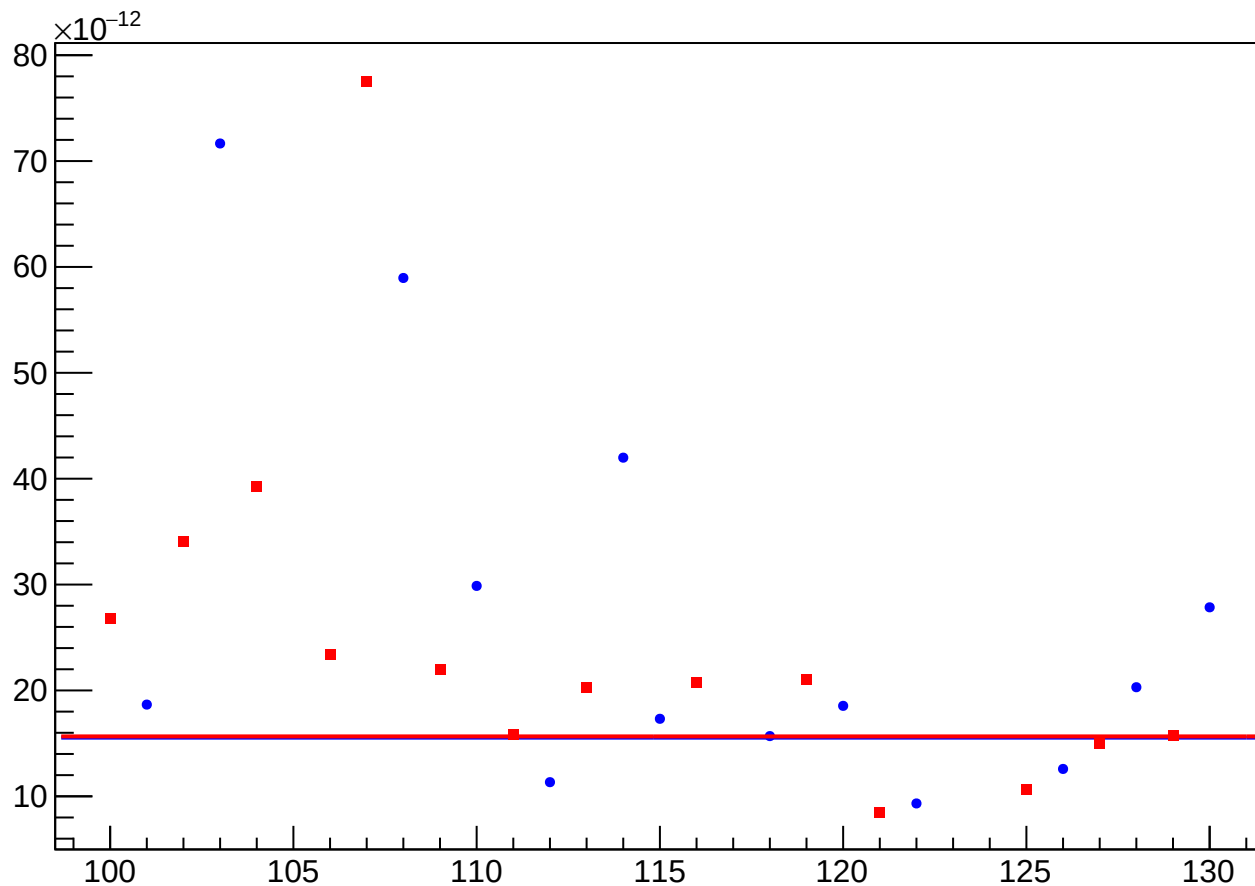
Right: 0.000+/-0.000 χ^2/NDF : 25.2/26

In: 0.000+/-0.000 χ^2/NDF : 14.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.2/26

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1607423.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1279981.7/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

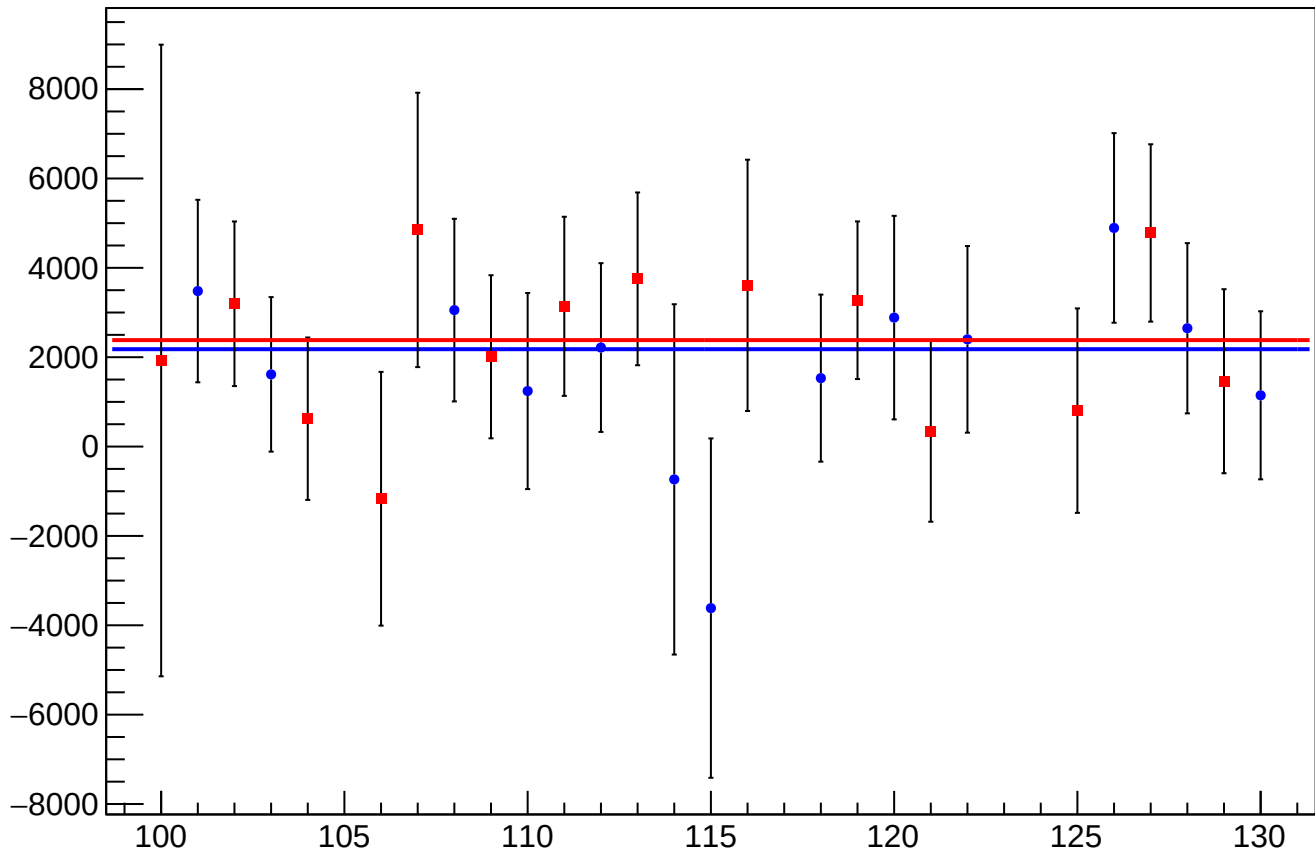
Right: 0.000+/-0.000 χ^2/NDF : 2887558.9/26

In: 0.000+/-0.000 χ^2/NDF :1607423.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2887558.9/26

reg_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2179.095 $\pm$ 584.772 χ^2 /NDF: 6.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2382.474 $\pm$ 573.975 χ^2 /NDF: 7.6/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

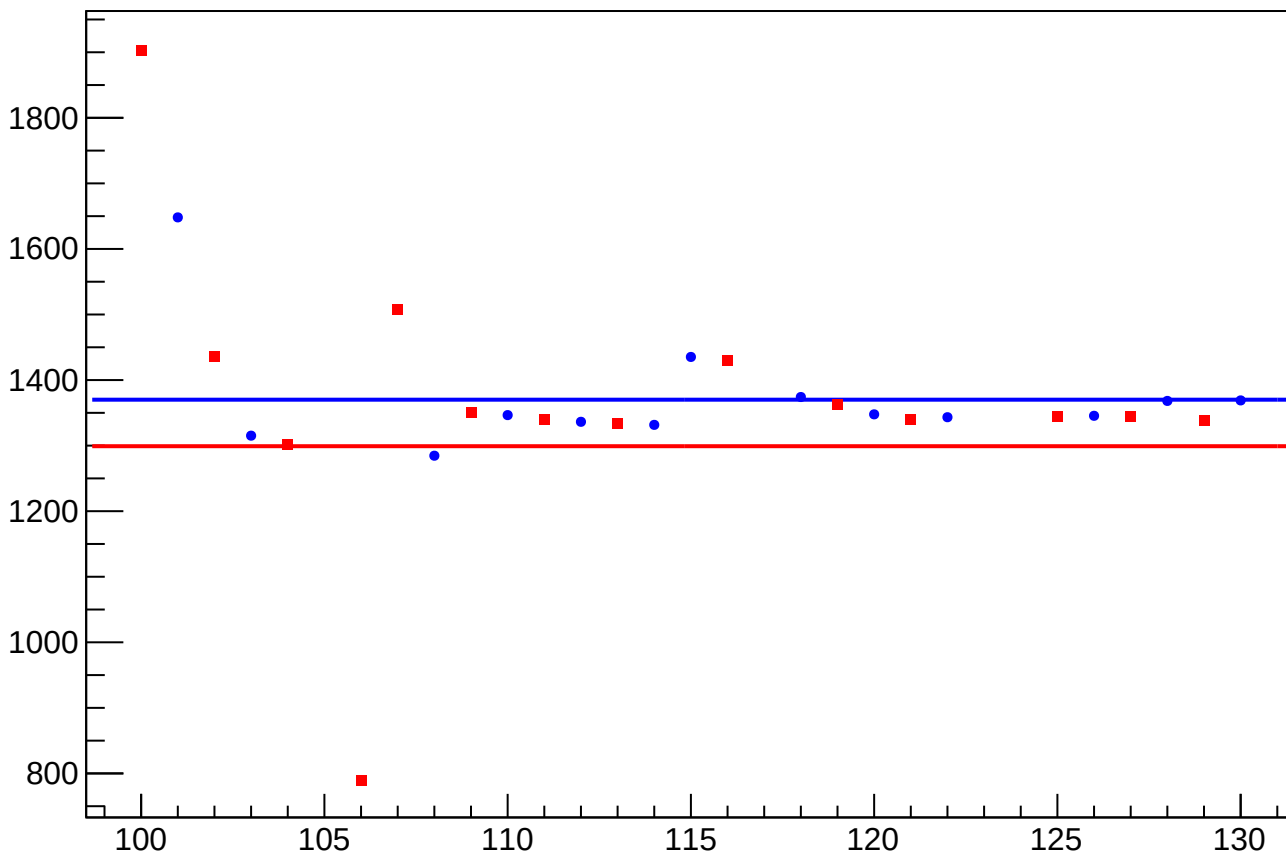
Right: 2282.679 $\pm$ 409.625 χ^2 /NDF: 13.7/26

In: 2179.095 $\pm$ 584.772 χ^2 /NDF:6.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2282.679 $\pm$ 409.625 χ^2 /NDF: 13.7/26

reg_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1370.065+/-0.413 χ^2/NDF : 45041.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1299.111+/-0.391 χ^2/NDF : 238660.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

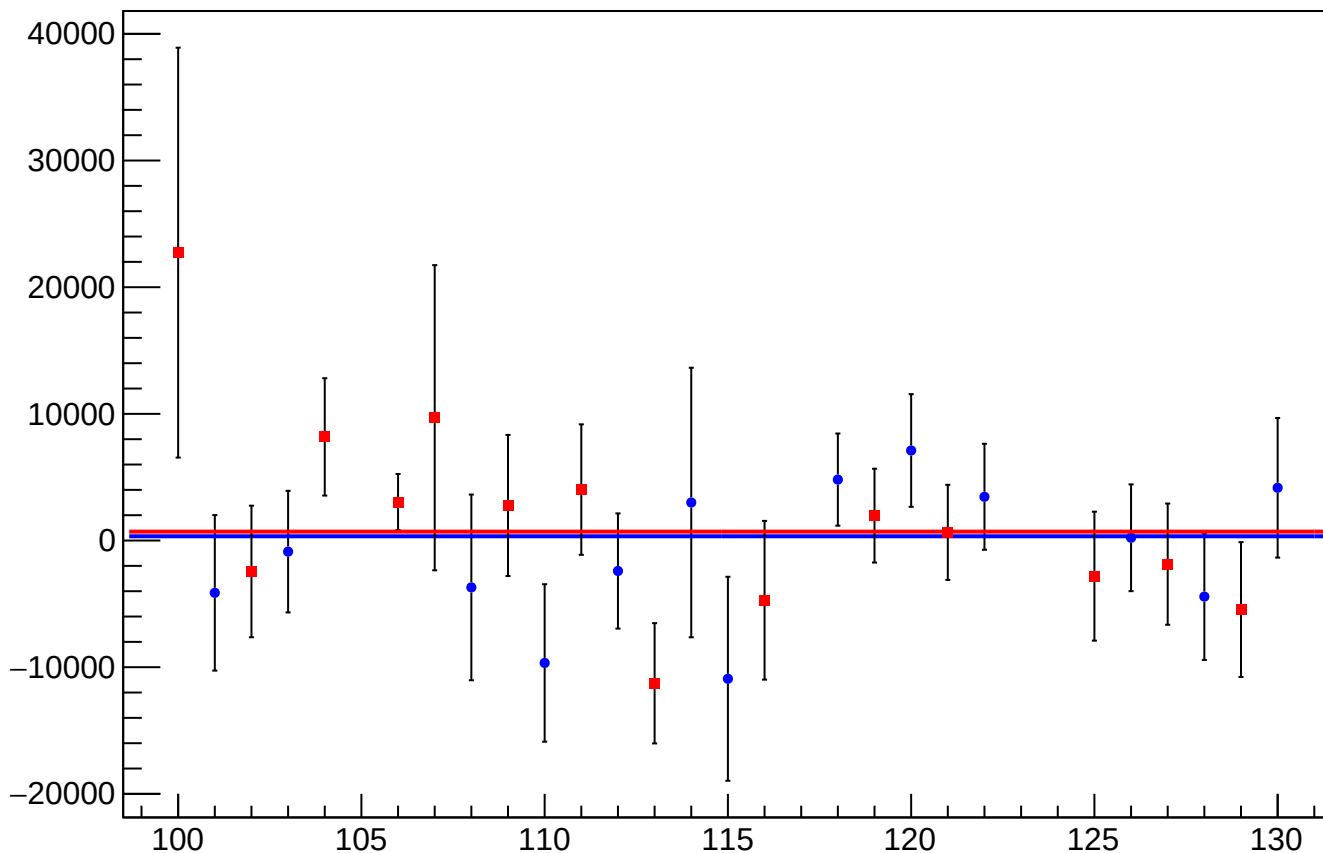
Right: 1332.562+/-0.284 χ^2/NDF : 299264.7/26

In: 1370.065+/-0.413 χ^2/NDF : 45041.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1332.562+/-0.284 χ^2/NDF : 299264.7/26

asym_usl_atl2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 335.673+/-1415.051 χ^2/NDF : 11.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 703.438+/-1195.622 χ^2/NDF : 16.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

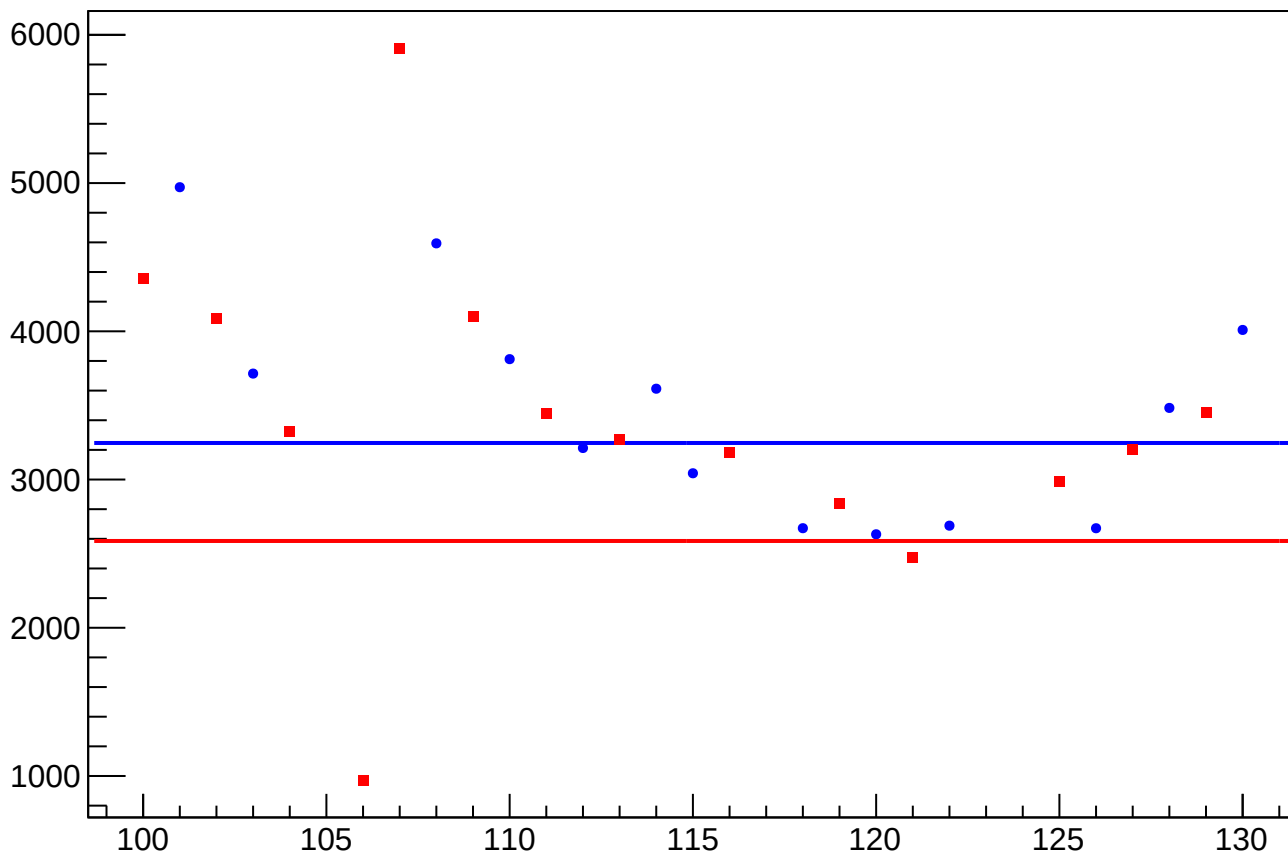
Right: 550.250+/-913.271 χ^2/NDF : 28.1/26

In: 335.673+/-1415.051 χ^2/NDF : 11.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 550.250+/-913.271 χ^2/NDF : 28.1/26

asym_usl_atl2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3246.666+/-1.001 χ^2/NDF : 468659.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2585.503+/-0.845 χ^2/NDF : 1831558.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

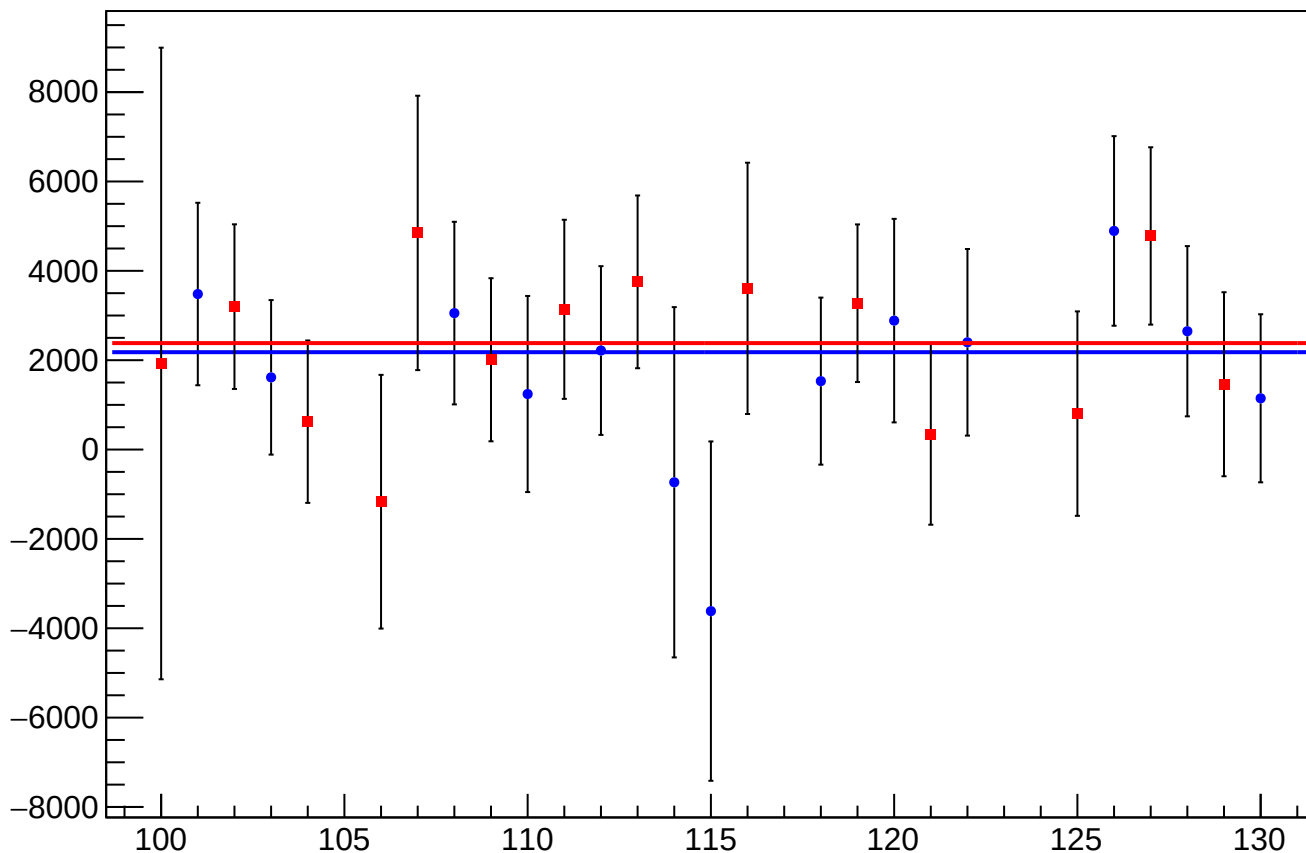
Right: 2860.903+/-0.646 χ^2/NDF : 2554969.0/26

In: 3246.666+/-1.001 χ^2/NDF : 468659.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2860.903+/-0.646 χ^2/NDF : 2554969.0/26

cor_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2179.238 $\pm$ 584.772 χ^2 /NDF: 6.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2382.675 $\pm$ 573.979 χ^2 /NDF: 7.6/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

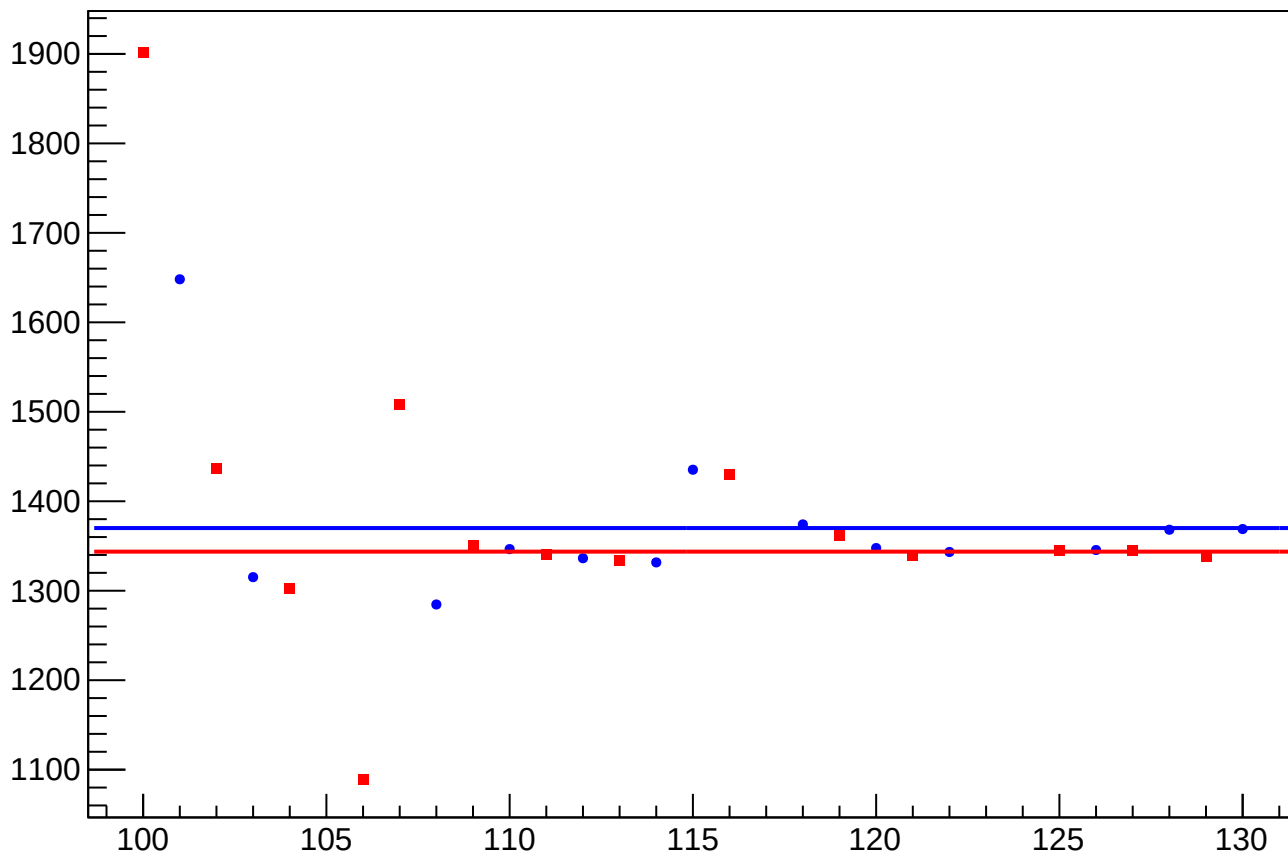
Right: 2282.851 $\pm$ 409.627 χ^2 /NDF: 13.7/26

In: 2179.238 $\pm$ 584.772 χ^2 /NDF:6.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2282.851 $\pm$ 409.627 χ^2 /NDF: 13.7/26

cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1370.065+/-0.413 χ^2/NDF : 45041.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1343.699+/-0.399 χ^2/NDF : 55643.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

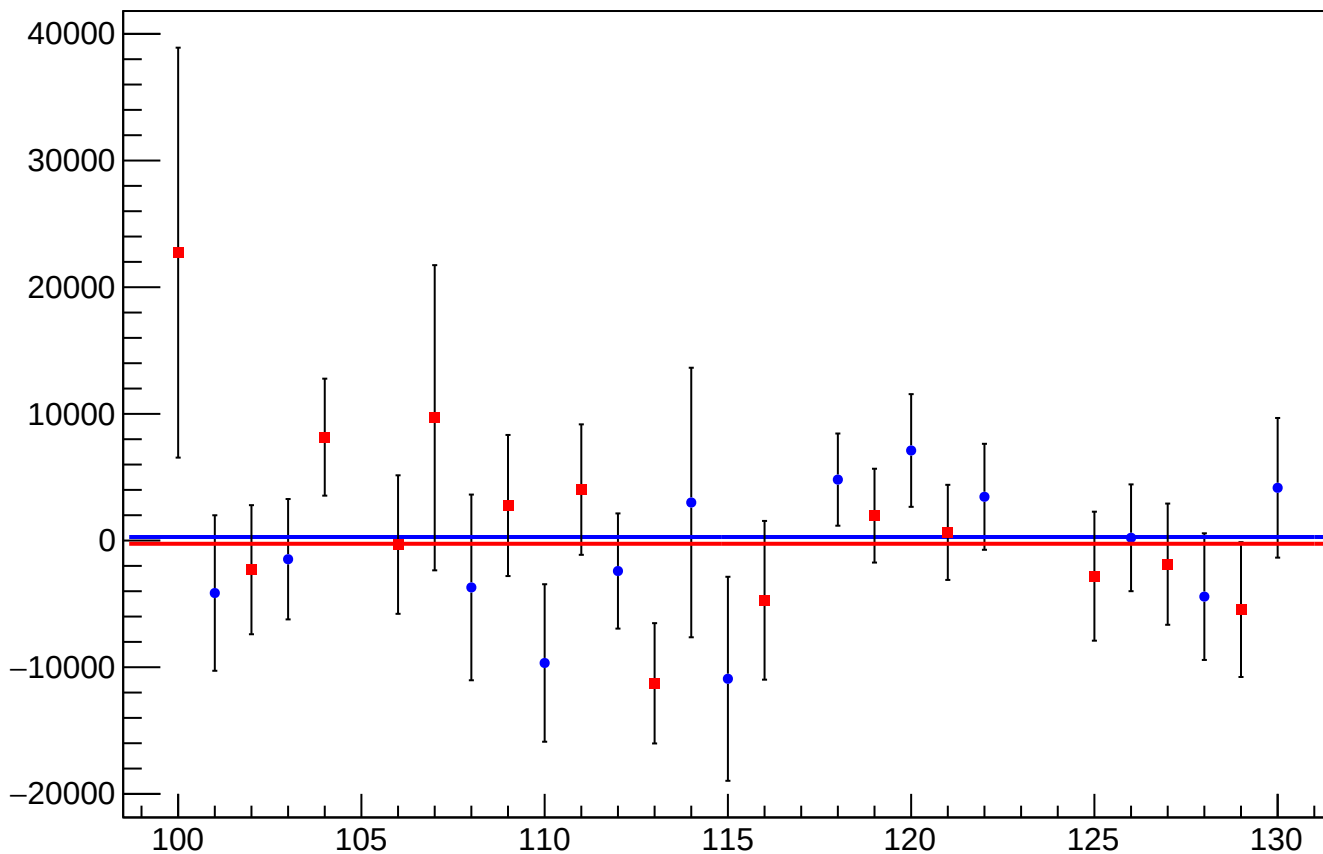
Right: 1356.422+/-0.287 χ^2/NDF : 102787.9/26

In: 1370.065+/-0.413 χ^2/NDF : 45041.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1356.422+/-0.287 χ^2/NDF : 102787.9/26

asym_usl_atl2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 280.193+/-1413.766 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -254.275+/-1372.625 χ^2/NDF : 14.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

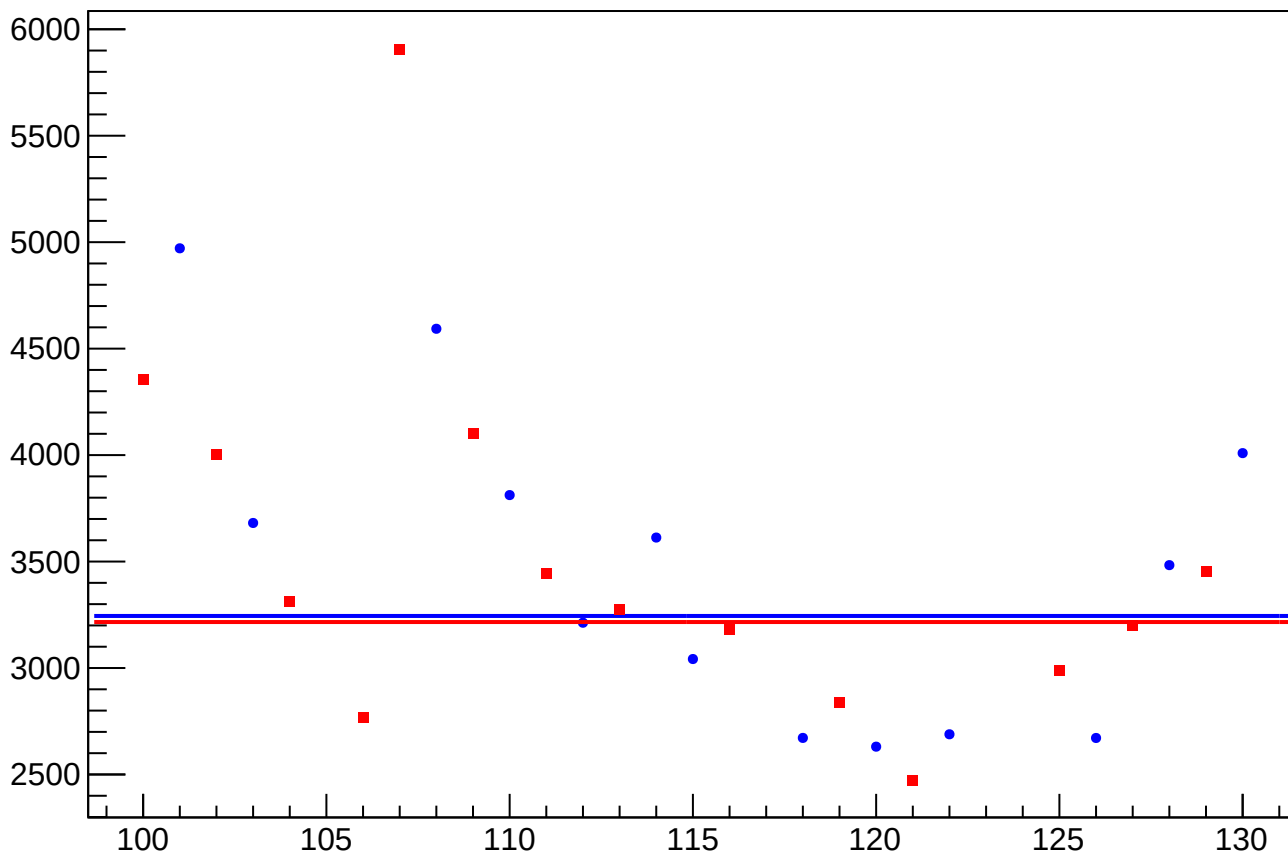
Right: 5.069+/-984.816 χ^2/NDF : 26.6/26

In: 280.193+/-1413.766 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.069+/-984.816 χ^2/NDF : 26.6/26

asym_usl_atl2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3244.514+/-1.000 χ^2/NDF : 466240.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3215.951+/-0.971 χ^2/NDF : 333040.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

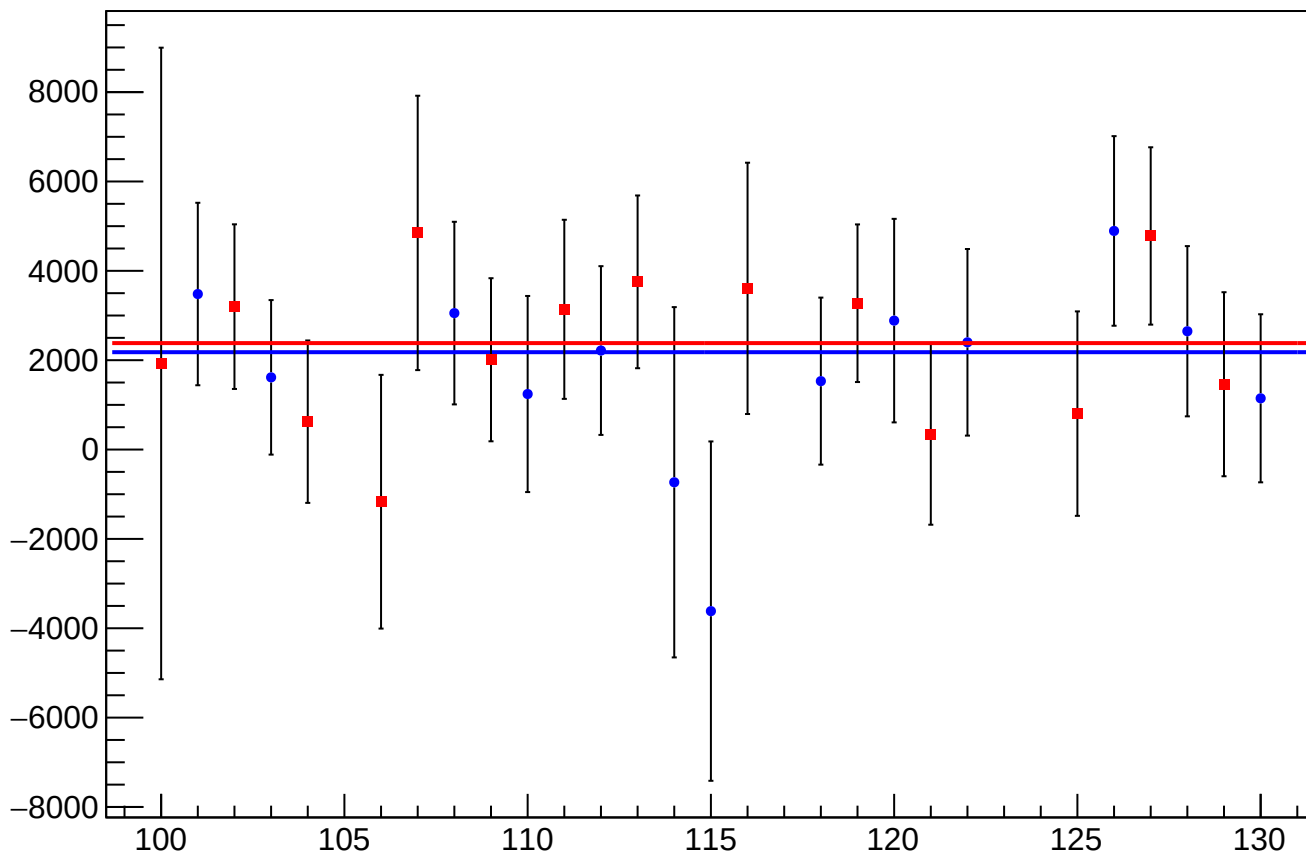
Right: 3229.811+/-0.696 χ^2/NDF : 799701.4/26

In: 3244.514+/-1.000 χ^2/NDF : 466240.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3229.811+/-0.696 χ^2/NDF : 799701.4/26

eigen_cor_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2179.238 $\pm$ 584.772 χ^2 /NDF: 6.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2382.675 $\pm$ 573.979 χ^2 /NDF: 7.6/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

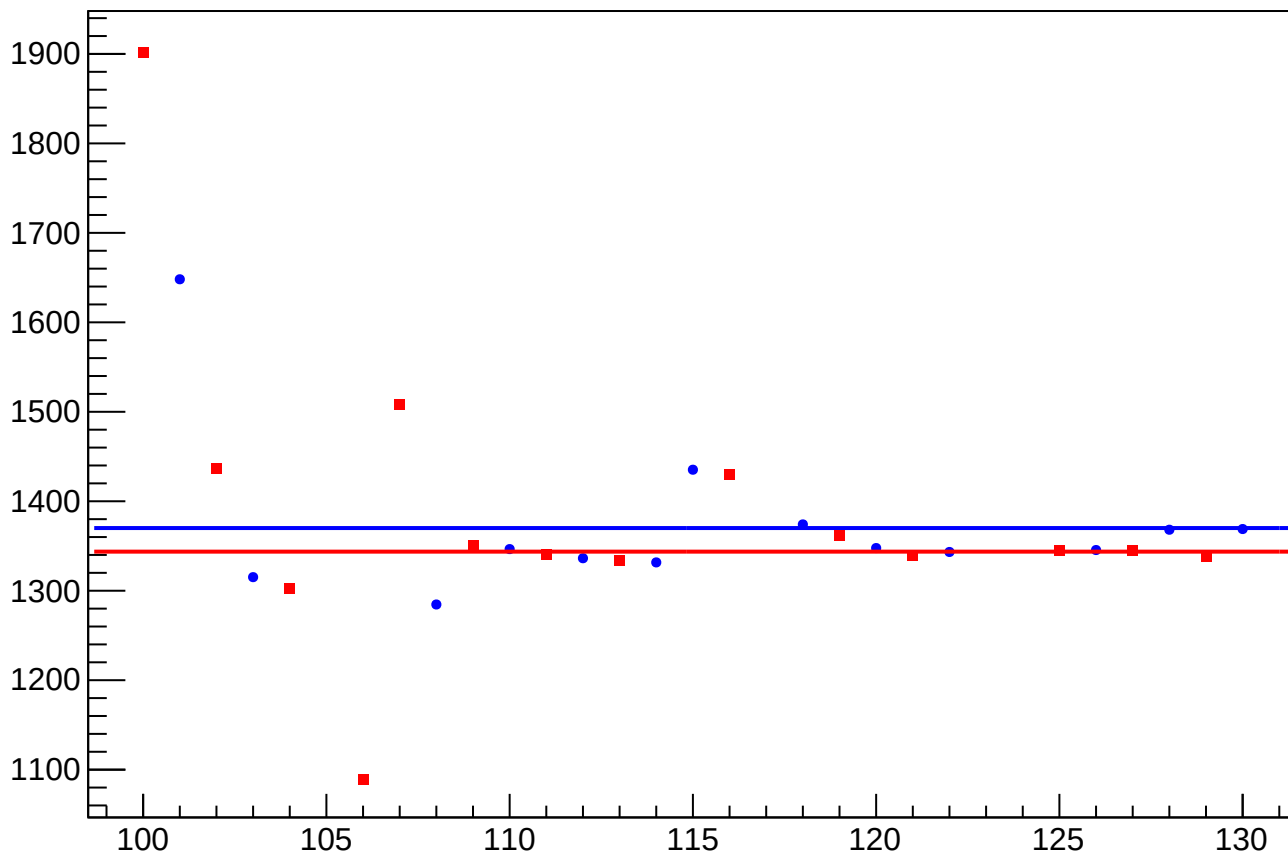
Right: 2282.851 $\pm$ 409.627 χ^2 /NDF: 13.7/26

In: 2179.238 $\pm$ 584.772 χ^2 /NDF:6.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2282.851 $\pm$ 409.627 χ^2 /NDF: 13.7/26

eigen_cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1370.065+/-0.413 χ^2/NDF : 45041.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1343.699+/-0.399 χ^2/NDF : 55643.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

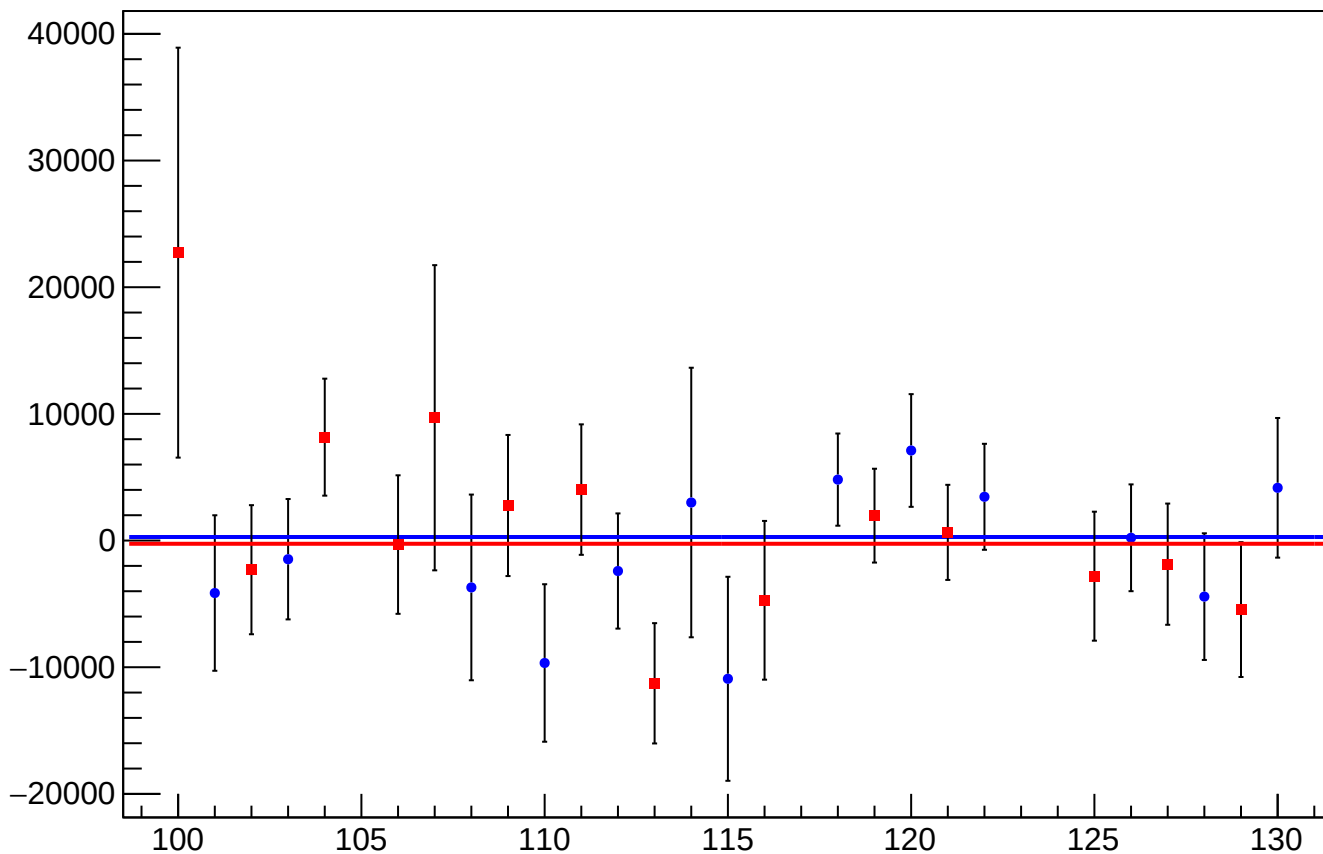
Right: 1356.422+/-0.287 χ^2/NDF : 102787.9/26

In: 1370.065+/-0.413 χ^2/NDF : 45041.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1356.422+/-0.287 χ^2/NDF : 102787.9/26

asym_usl_atl2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 280.193+/-1413.766 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -254.275+/-1372.625 χ^2/NDF : 14.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

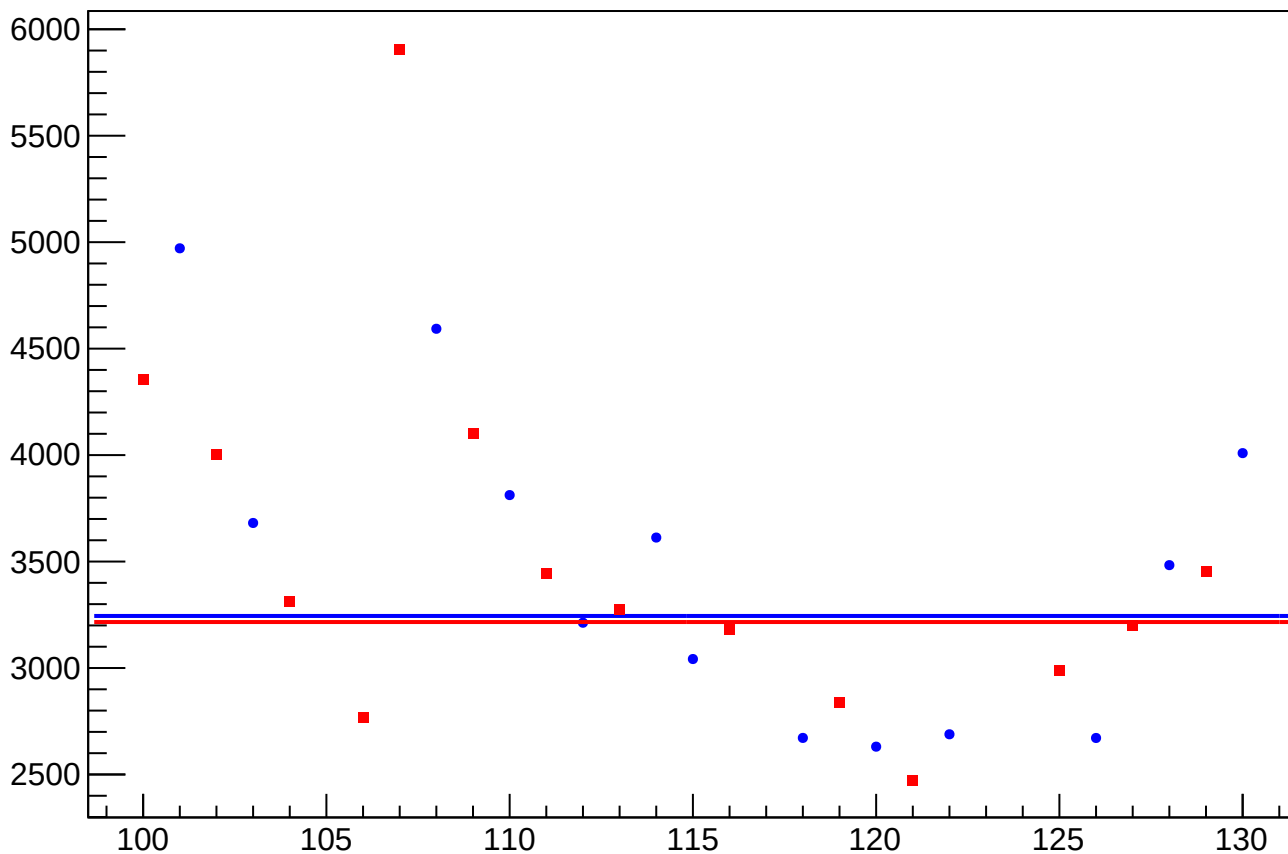
Right: 5.069+/-984.816 χ^2/NDF : 26.6/26

In: 280.193+/-1413.766 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.069+/-984.816 χ^2/NDF : 26.6/26

asym_usl_atl2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3244.514+/-1.000 χ^2/NDF : 466240.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3215.951+/-0.971 χ^2/NDF : 333040.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

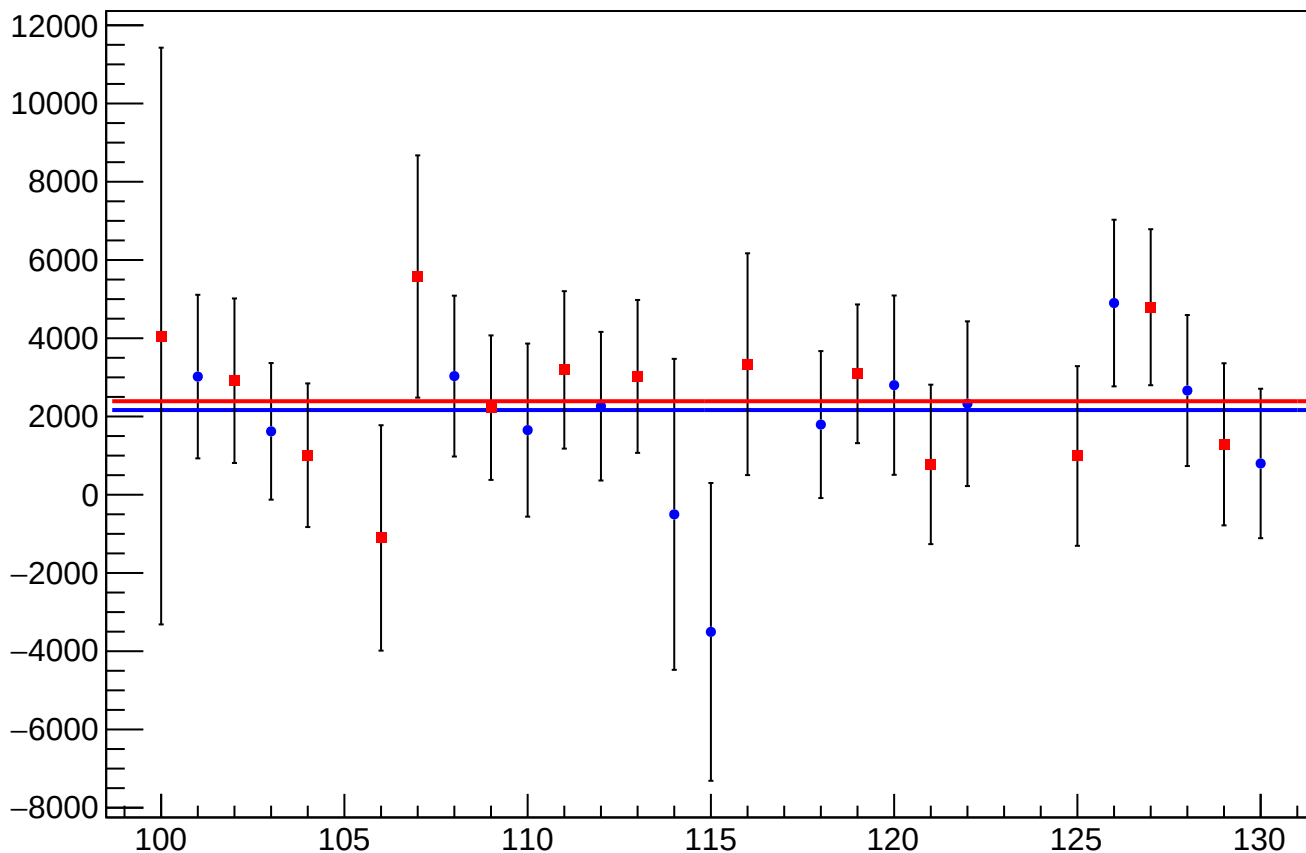
Right: 3229.811+/-0.696 χ^2/NDF : 799701.4/26

In: 3244.514+/-1.000 χ^2/NDF : 466240.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3229.811+/-0.696 χ^2/NDF : 799701.4/26

dit_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2164.475+/-590.280 χ^2/NDF : 5.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2390.374+/-584.629 χ^2/NDF : 6.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

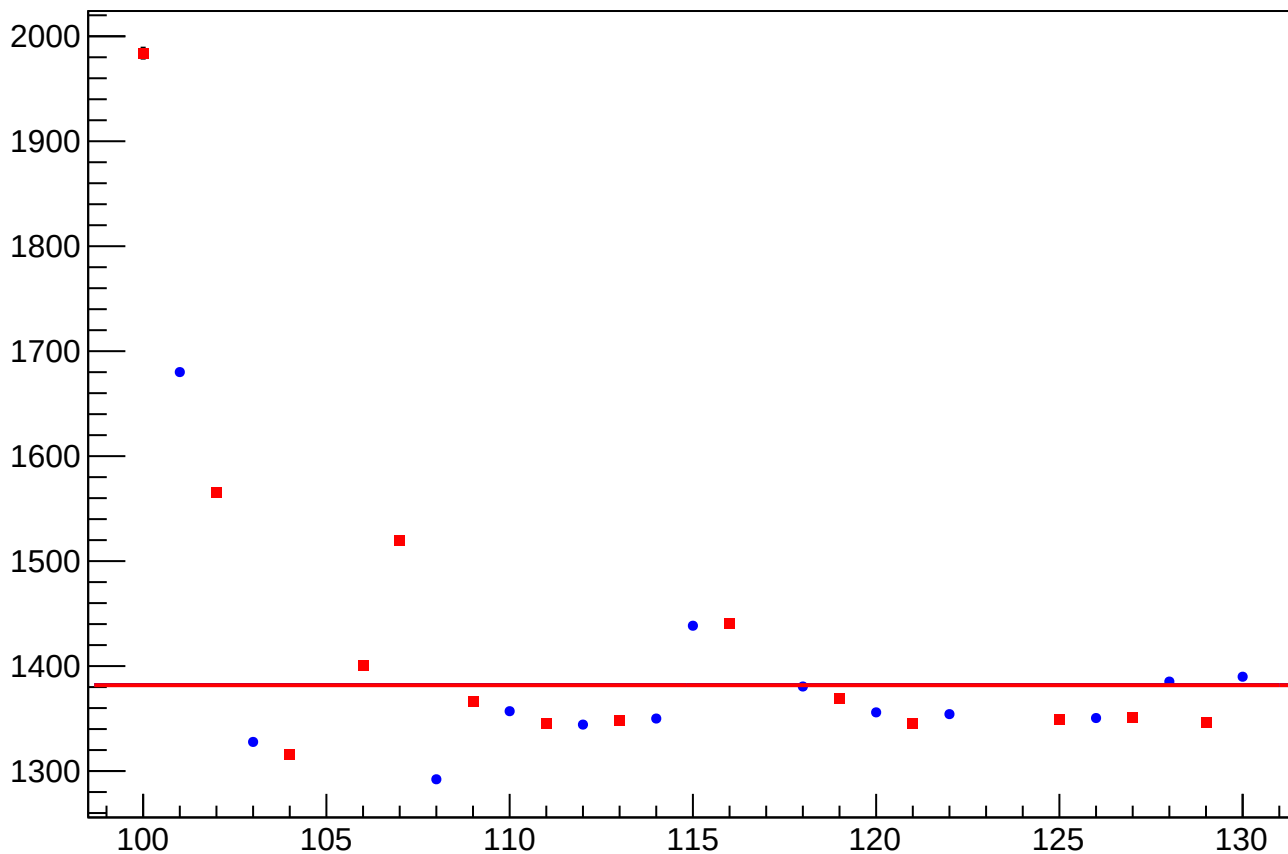
Right: 2278.511+/-415.378 χ^2/NDF : 12.1/26

In: 2164.475+/-590.280 χ^2/NDF : 5.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2278.511+/-415.378 χ^2/NDF : 12.1/26

dit_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1381.966+/-0.417 χ^2/NDF : 49114.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1381.798+/-0.412 χ^2/NDF : 39703.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

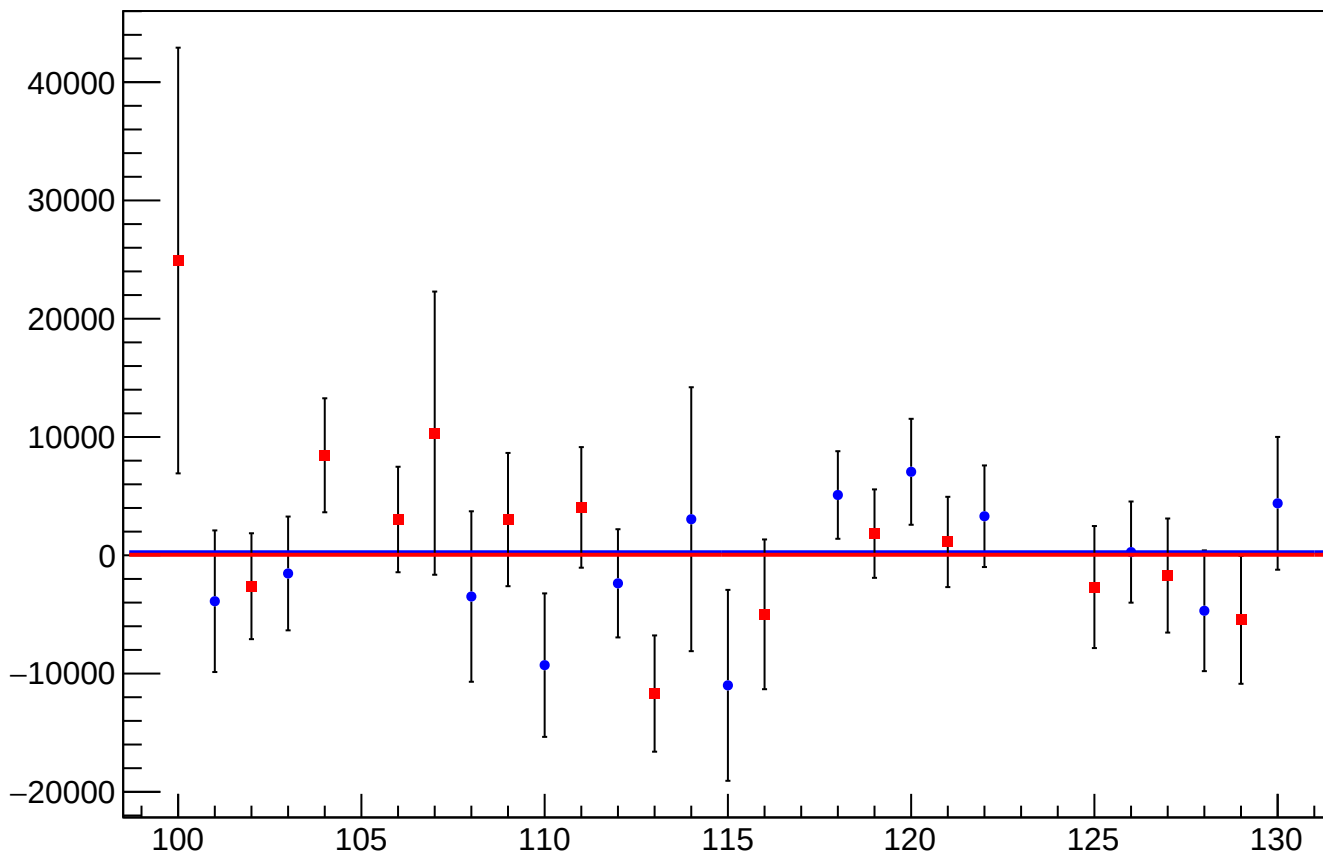
Right: 1381.881+/-0.293 χ^2/NDF : 88818.1/26

In: 1381.966+/-0.417 χ^2/NDF : 49114.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1381.881+/-0.293 χ^2/NDF : 88818.1/26

asym_usl_atl2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 254.667 $\pm$ 1427.801 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 44.458 $\pm$ 1354.992 χ^2 /NDF: 15.5/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

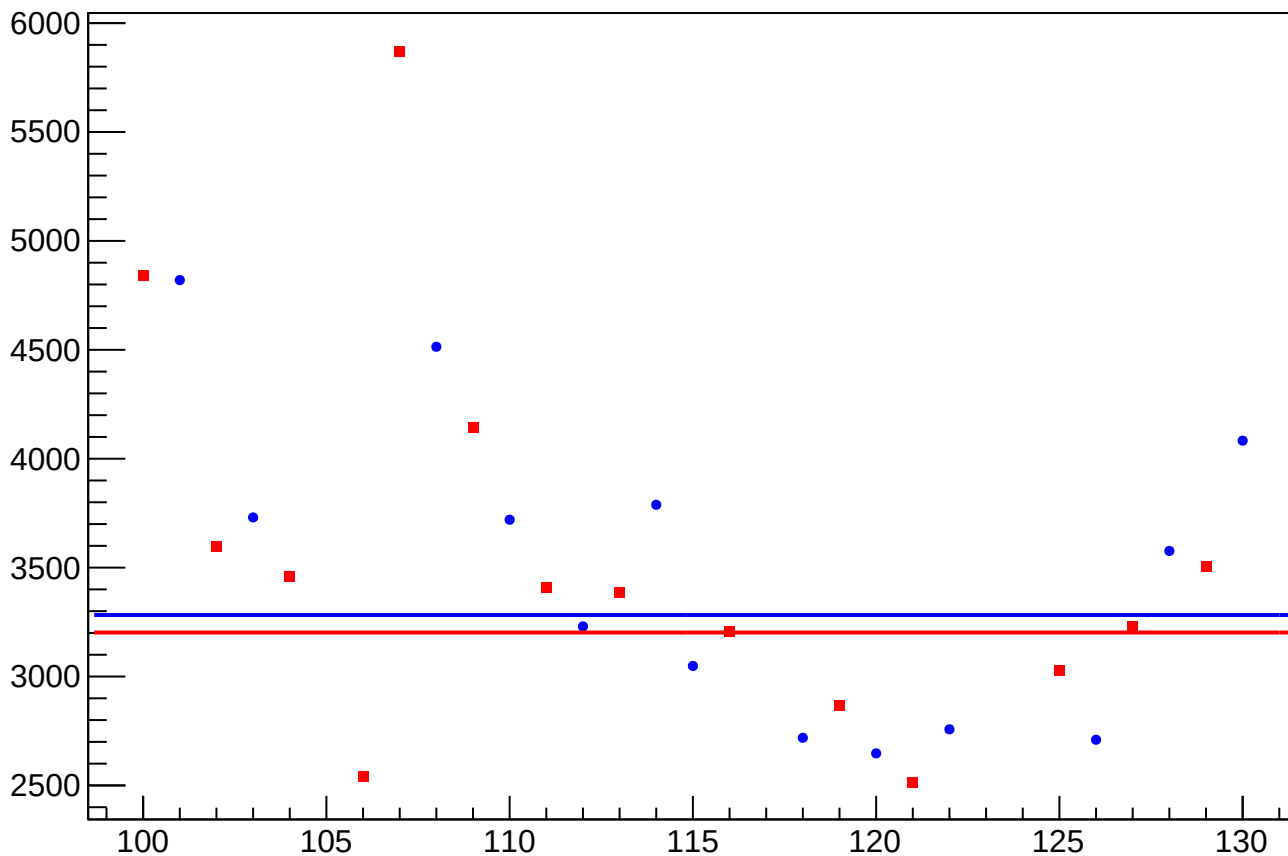
Right: 144.066 $\pm$ 982.856 χ^2 /NDF: 27.2/26

In: 254.667 $\pm$ 1427.801 χ^2 /NDF:11.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 144.066 $\pm$ 982.856 χ^2 /NDF: 27.2/26

asym_usl_atl2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3282.379+/-1.010 χ^2/NDF : 423793.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3202.112+/-0.958 χ^2/NDF : 333115.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

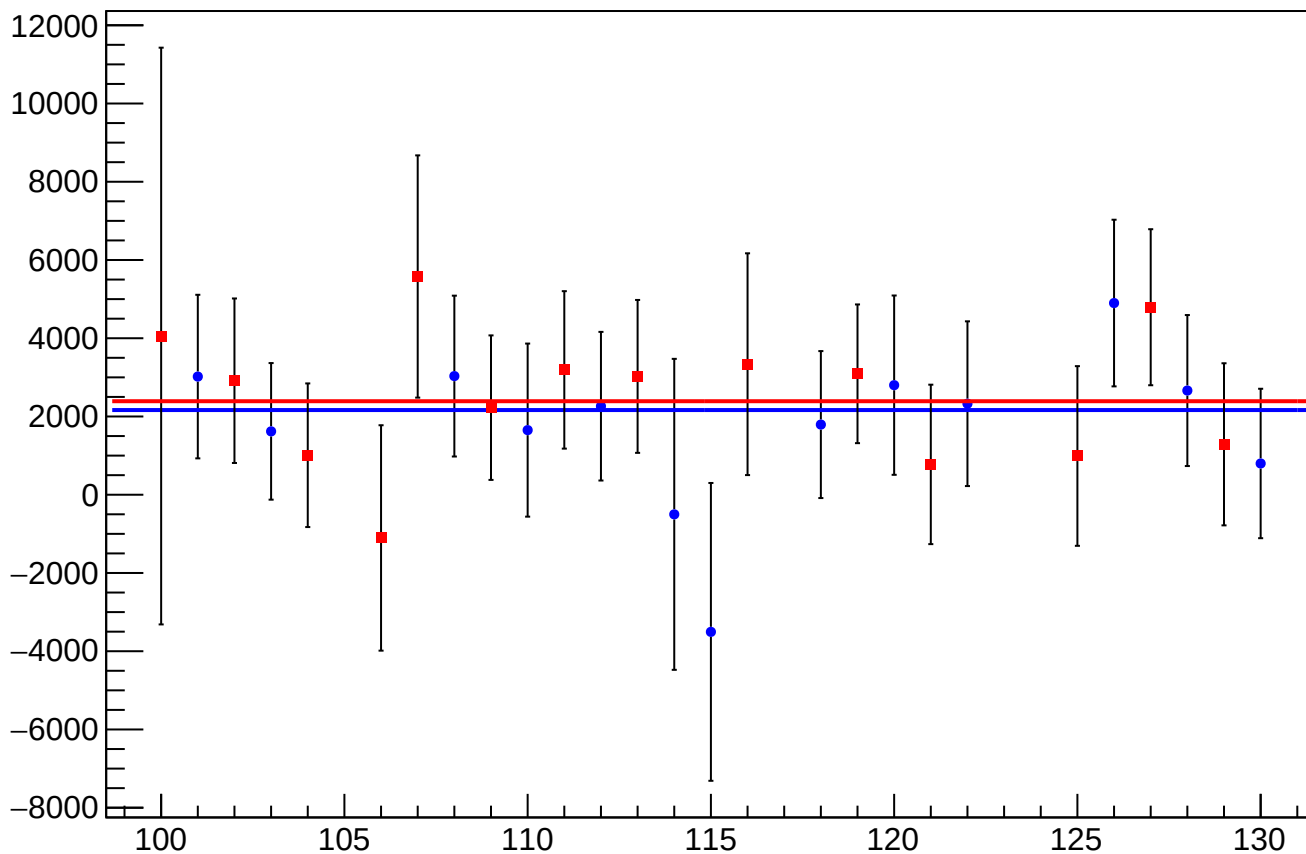
Right: 3240.147+/-0.695 χ^2/NDF : 760234.3/26

In: 3282.379+/-1.010 χ^2/NDF : 423793.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3240.147+/-0.695 χ^2/NDF : 760234.3/26

eigen_dit_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2164.480+/-590.280 χ^2/NDF : 5.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2390.378+/-584.629 χ^2/NDF : 6.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

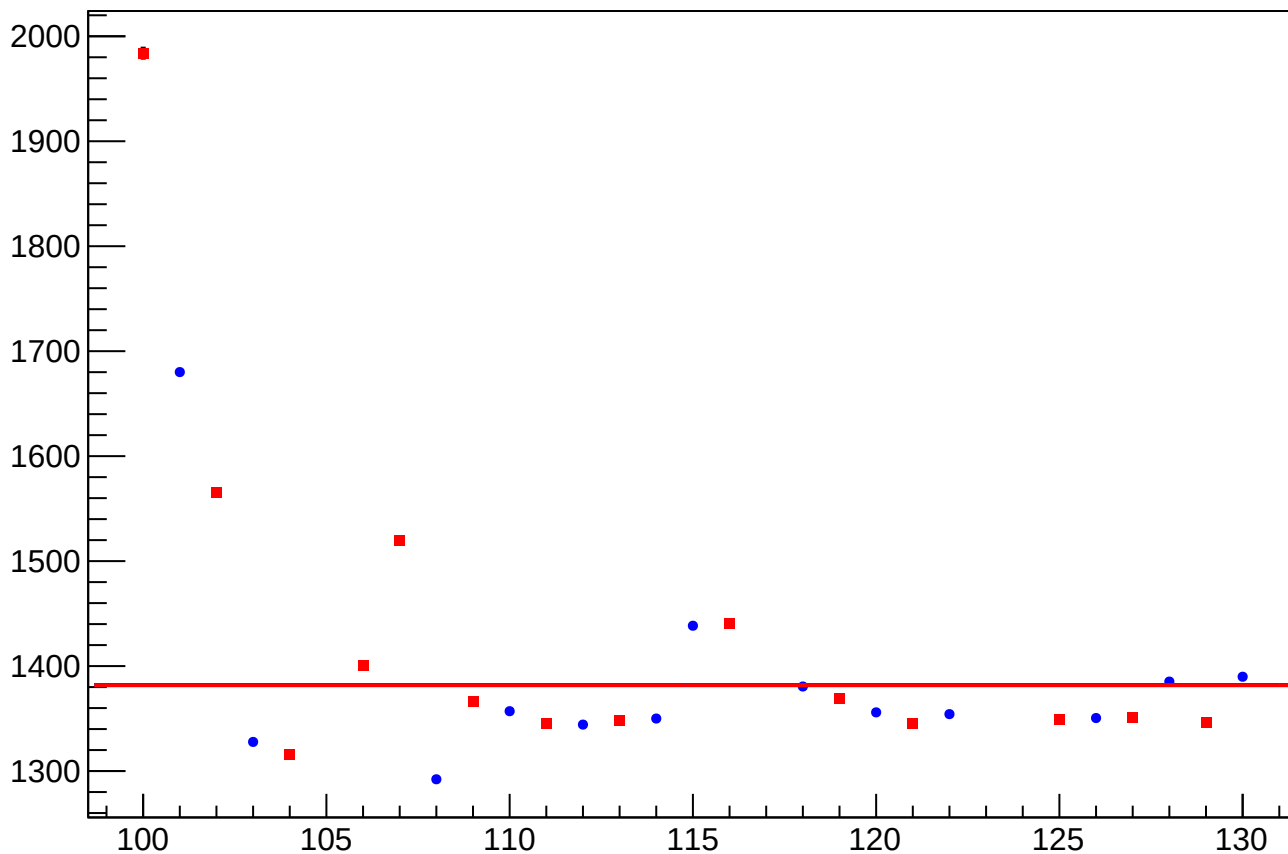
Right: 2278.516+/-415.378 χ^2/NDF : 12.1/26

In: 2164.480+/-590.280 χ^2/NDF : 5.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2278.516+/-415.378 χ^2/NDF : 12.1/26

eigen_dit_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1381.966+/-0.417 χ^2/NDF : 49114.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1381.797+/-0.412 χ^2/NDF : 39703.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

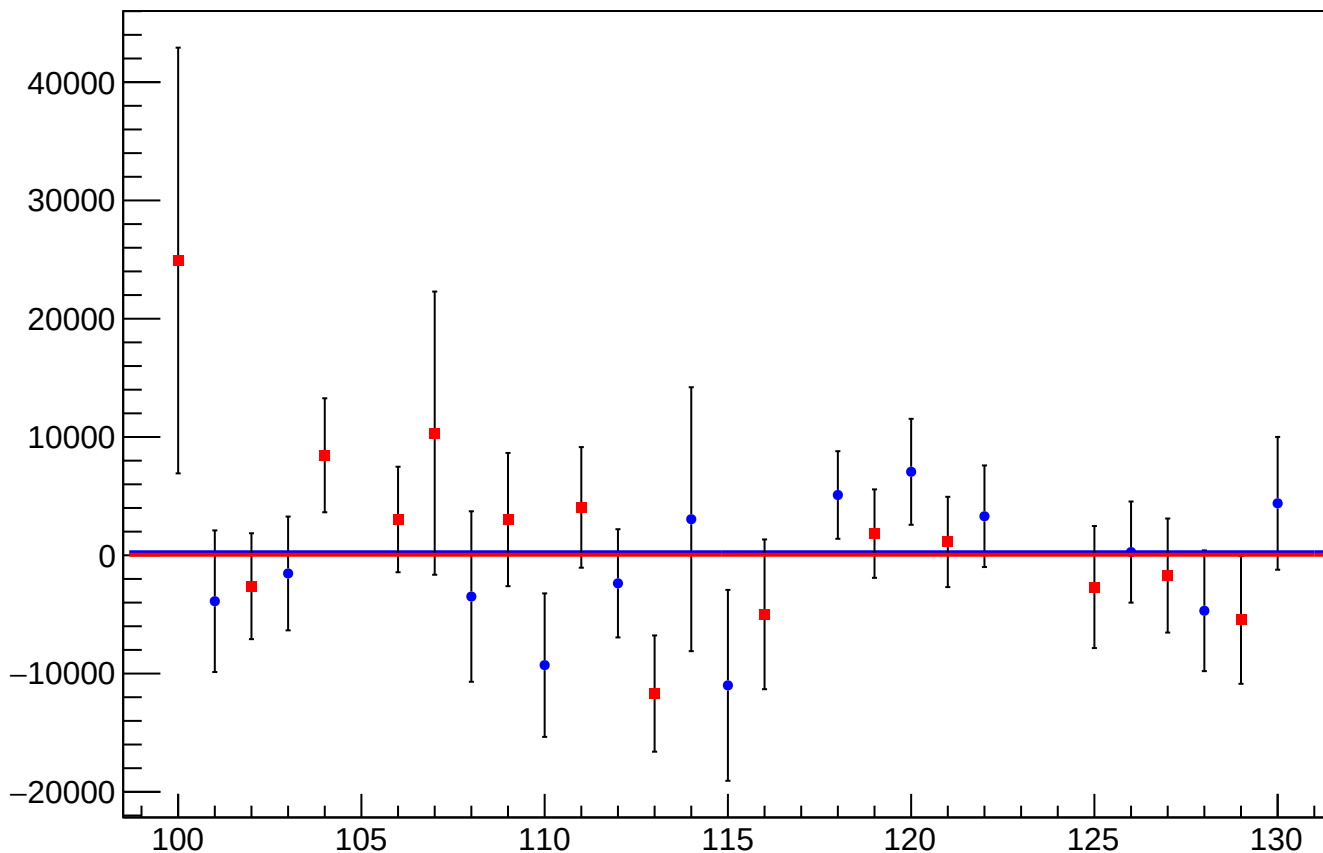
Right: 1381.880+/-0.293 χ^2/NDF : 88818.0/26

In: 1381.966+/-0.417 χ^2/NDF : 49114.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1381.880+/-0.293 χ^2/NDF : 88818.0/26

asym_usl_atl2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 254.671+/-1427.796 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.461+/-1354.988 χ^2/NDF : 15.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

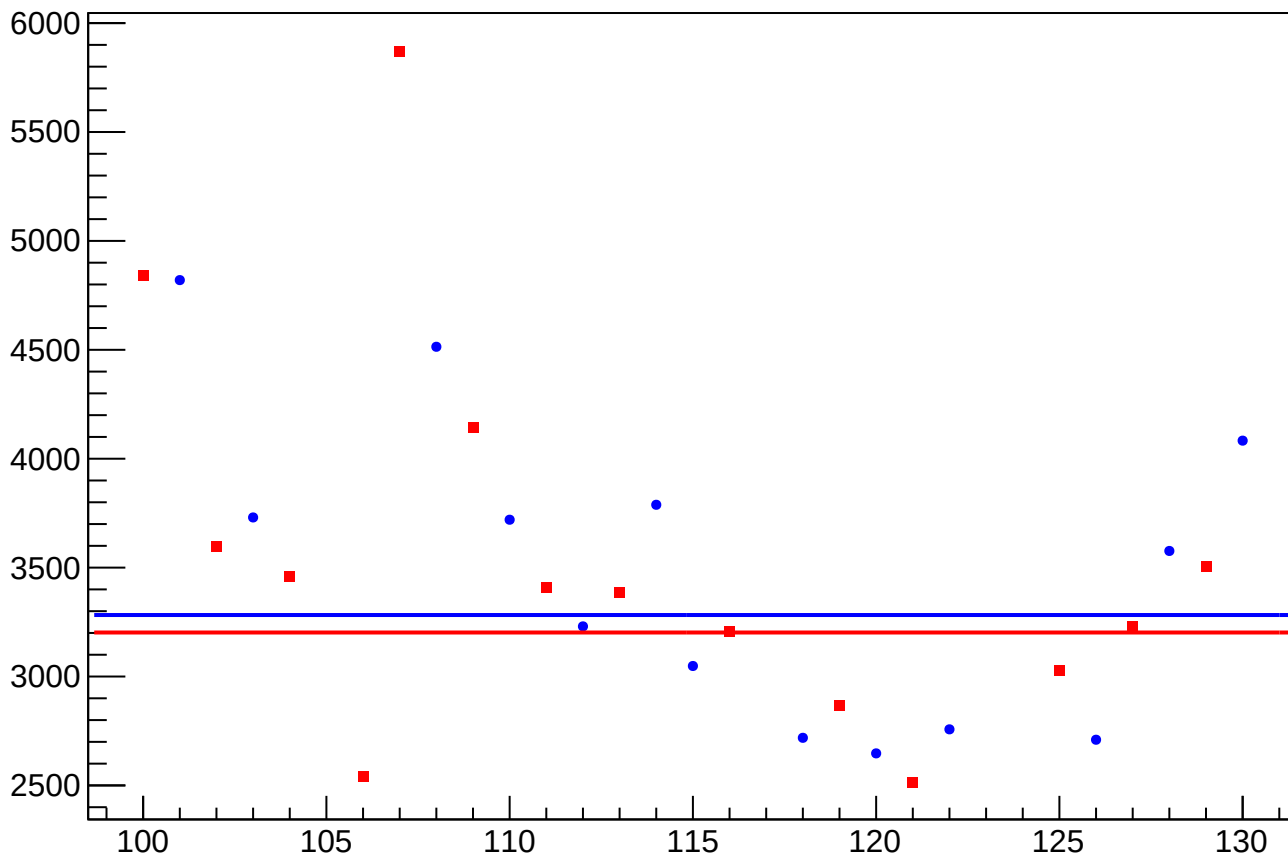
Right: 144.070+/-982.853 χ^2/NDF : 27.2/26

In: 254.671+/-1427.796 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.070+/-982.853 χ^2/NDF : 27.2/26

asym_usl_atl2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3282.366+/-1.010 χ^2/NDF : 423798.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3202.102+/-0.958 χ^2/NDF : 333116.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

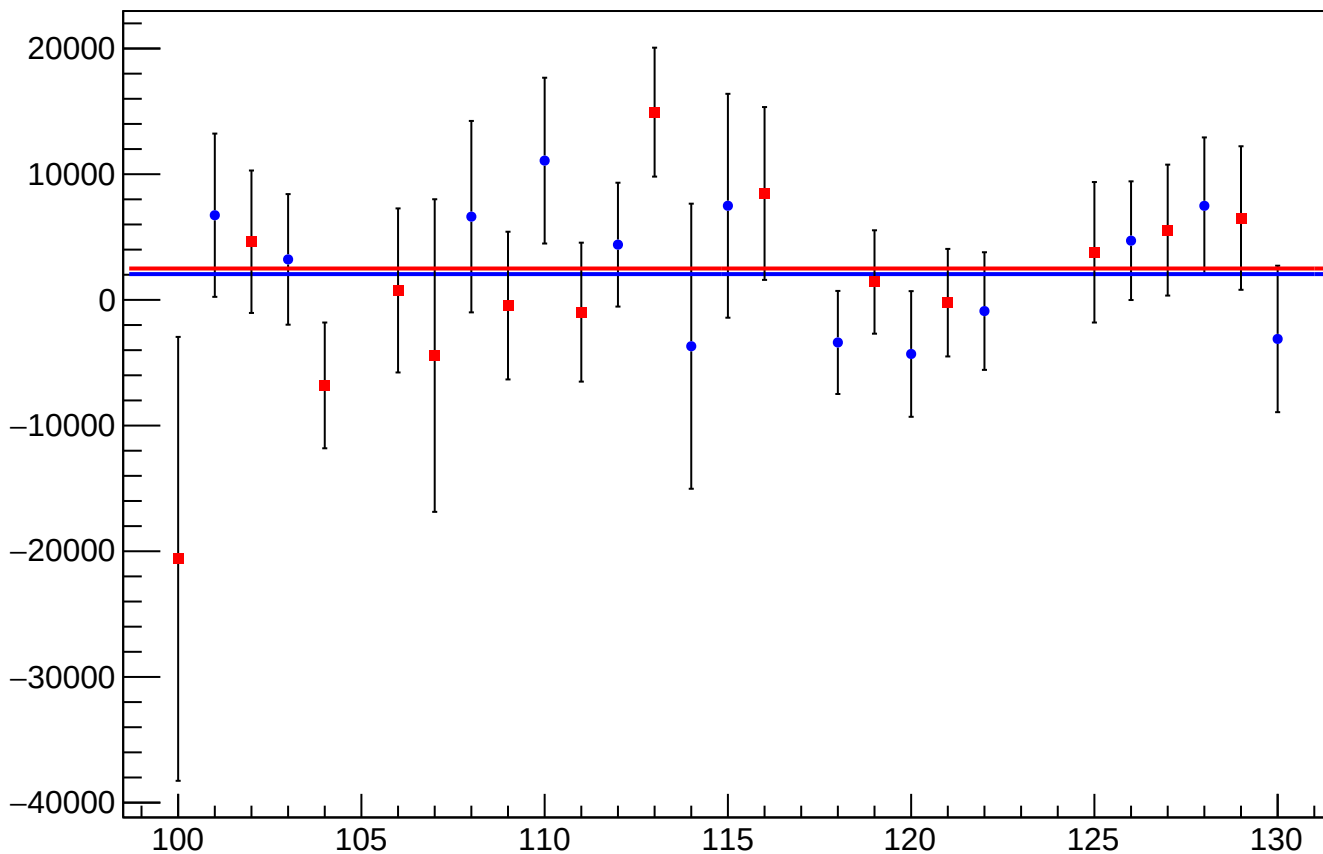
Right: 3240.136+/-0.695 χ^2/NDF : 760239.9/26

In: 3282.366+/-1.010 χ^2/NDF : 423798.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3240.136+/-0.695 χ^2/NDF : 760239.9/26

asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2051.206+/-1550.851 χ^2/NDF : 9.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2497.192+/-1510.371 χ^2/NDF : 14.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

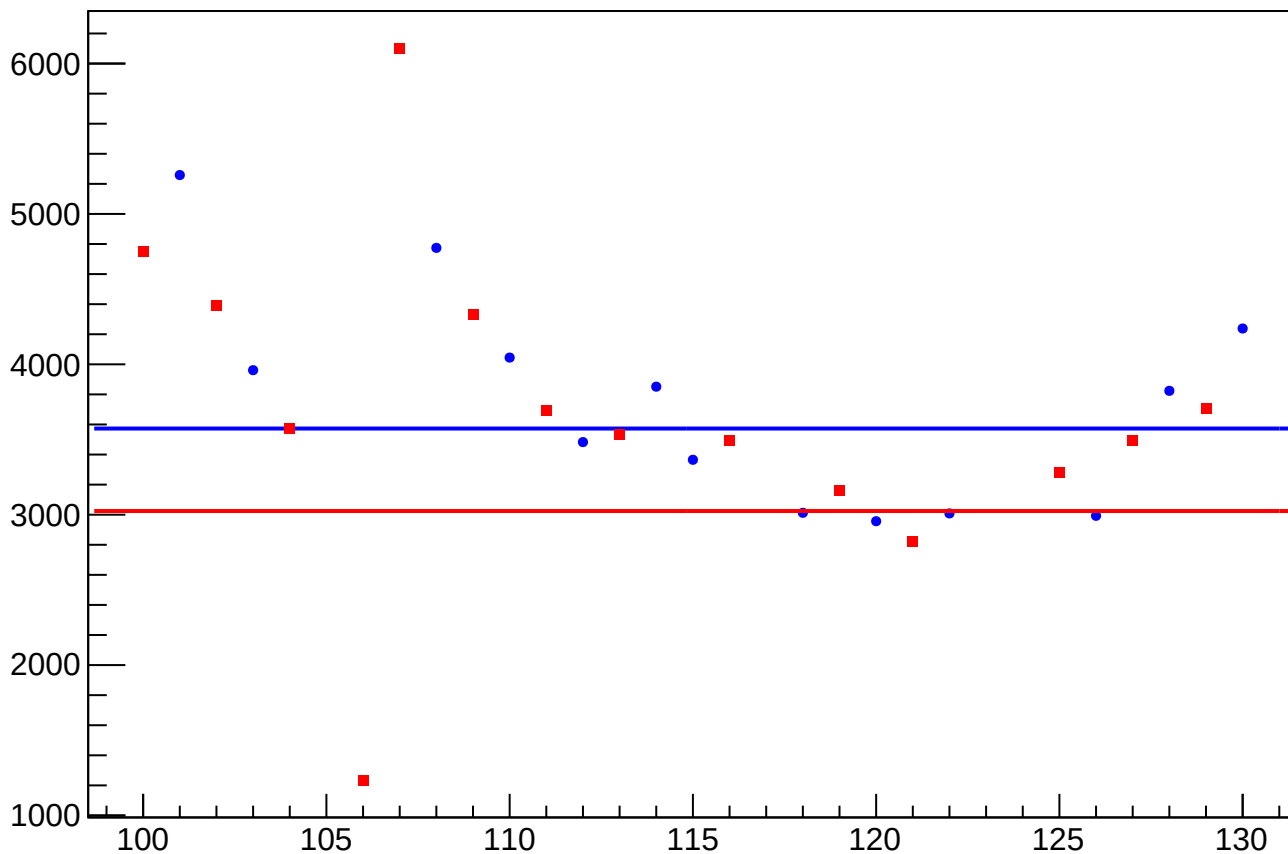
Right: 2280.096+/-1082.022 χ^2/NDF : 23.9/26

In: 2051.206+/-1550.851 χ^2/NDF : 9.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2280.096+/-1082.022 χ^2/NDF : 23.9/26

asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 3572.976+/-1.097 χ^2/NDF : 366182.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3024.546+/-0.963 χ^2/NDF : 1289629.9/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

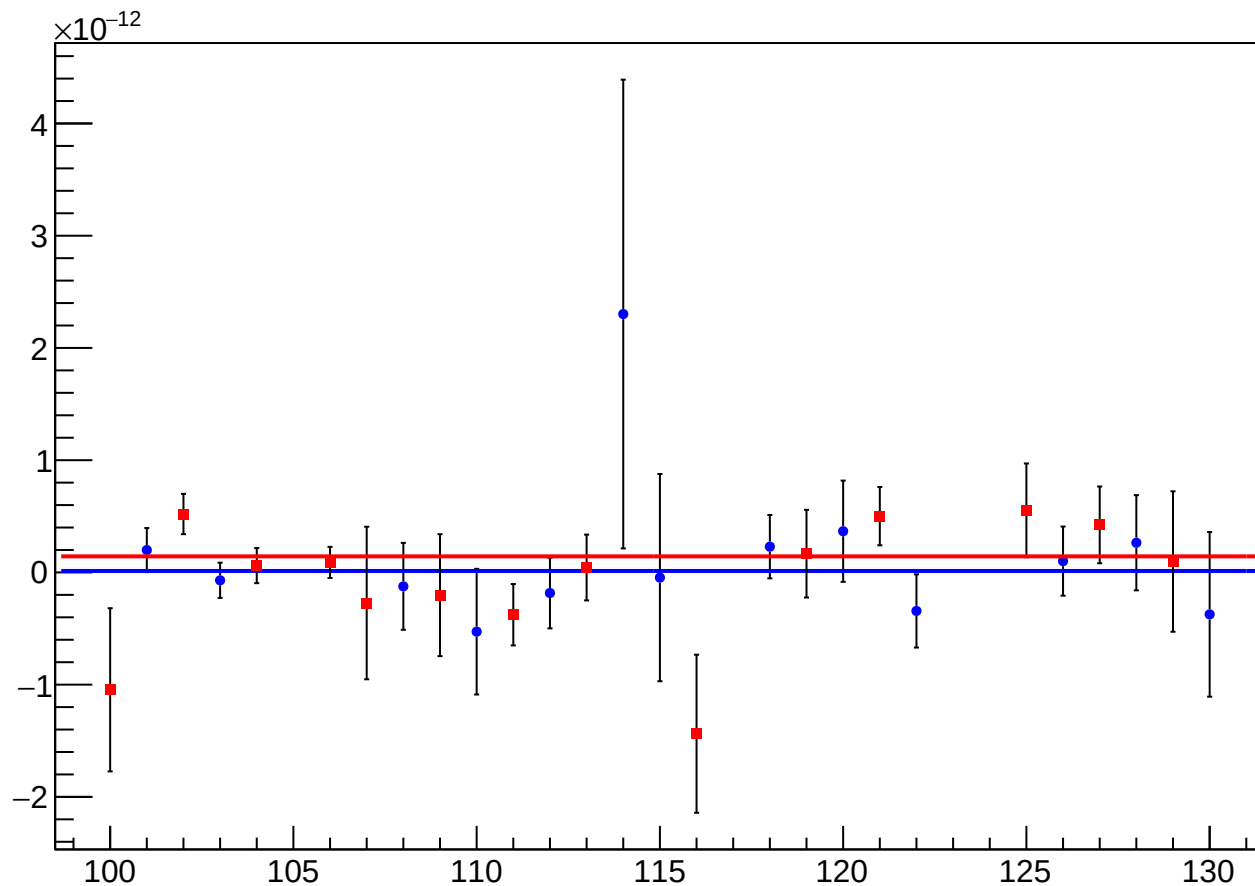
Right: 3263.419+/-0.724 χ^2/NDF : 1796986.2/26

In: 3572.976+/-1.097 χ^2/NDF :366182.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3263.419+/-0.724 χ^2/NDF : 1796986.2/26

asym_usl_atl2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 20.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

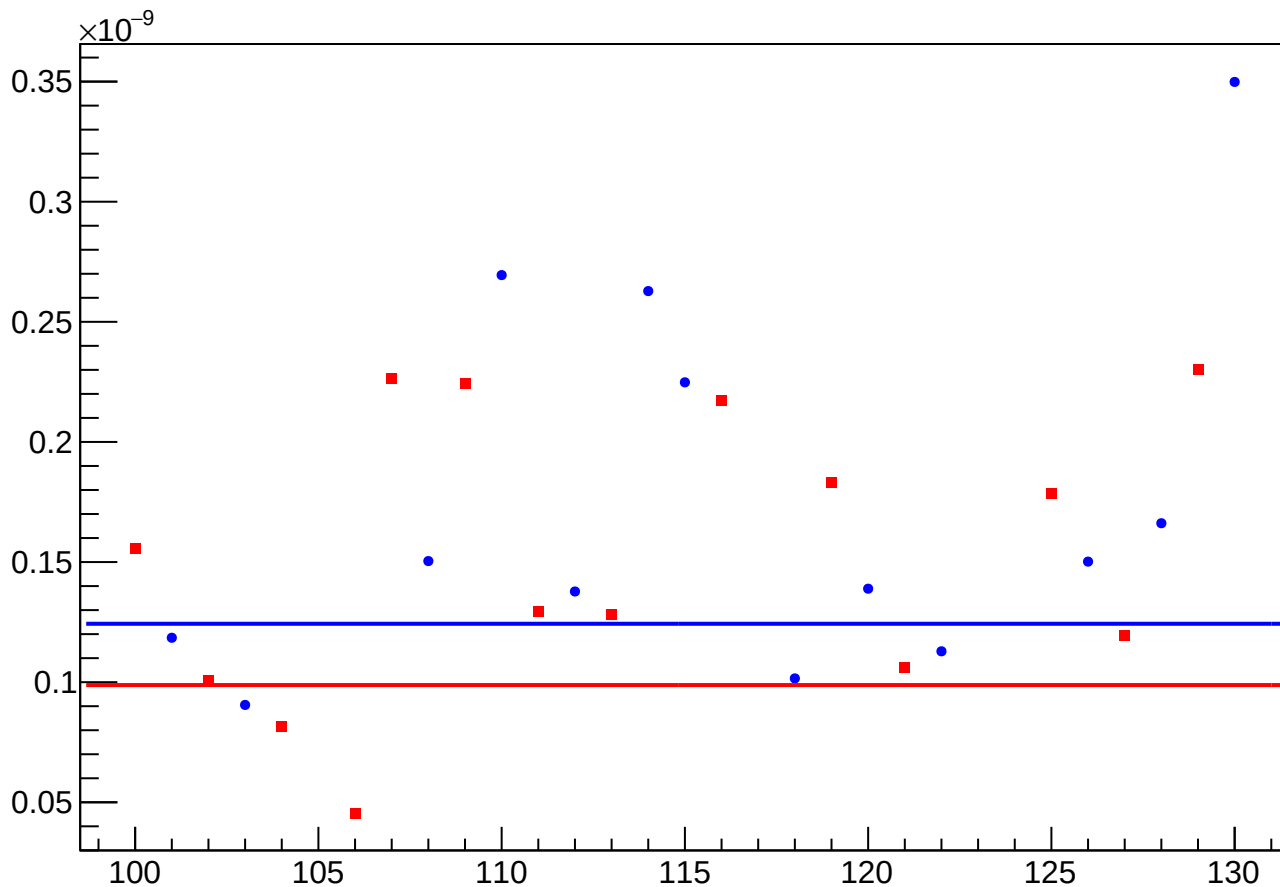
Right: 0.000+/-0.000 χ^2/NDF : 28.9/26

In: 0.000+/-0.000 χ^2/NDF : 6.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.9/26

asym_usl_atl2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 514363.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 877006.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

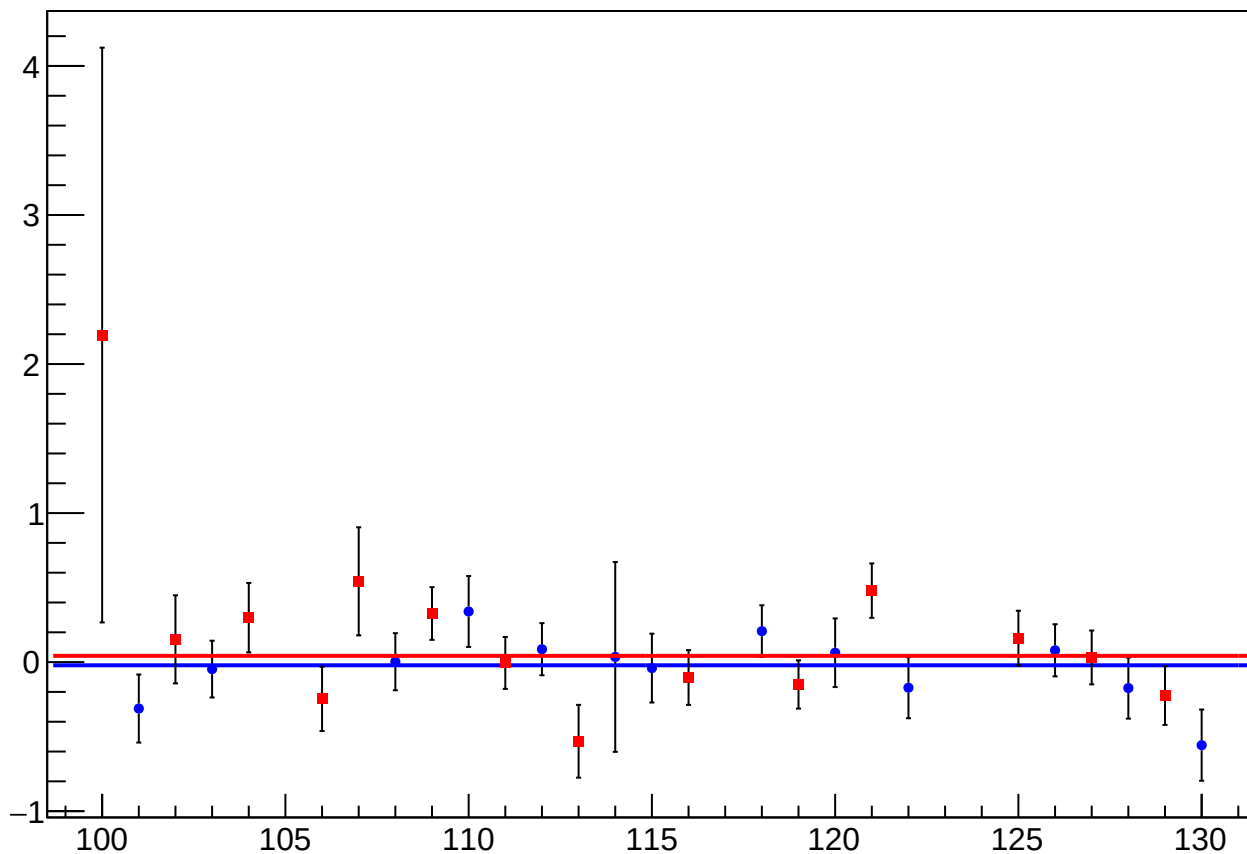
Right: 0.000+/-0.000 χ^2/NDF : 1494602.0/26

In: 0.000+/-0.000 χ^2/NDF : 514363.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1494602.0/26

asym_usl_atl2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 ± 0.058 χ^2/NDF : 12.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.042 ± 0.055 χ^2/NDF : 24.5/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

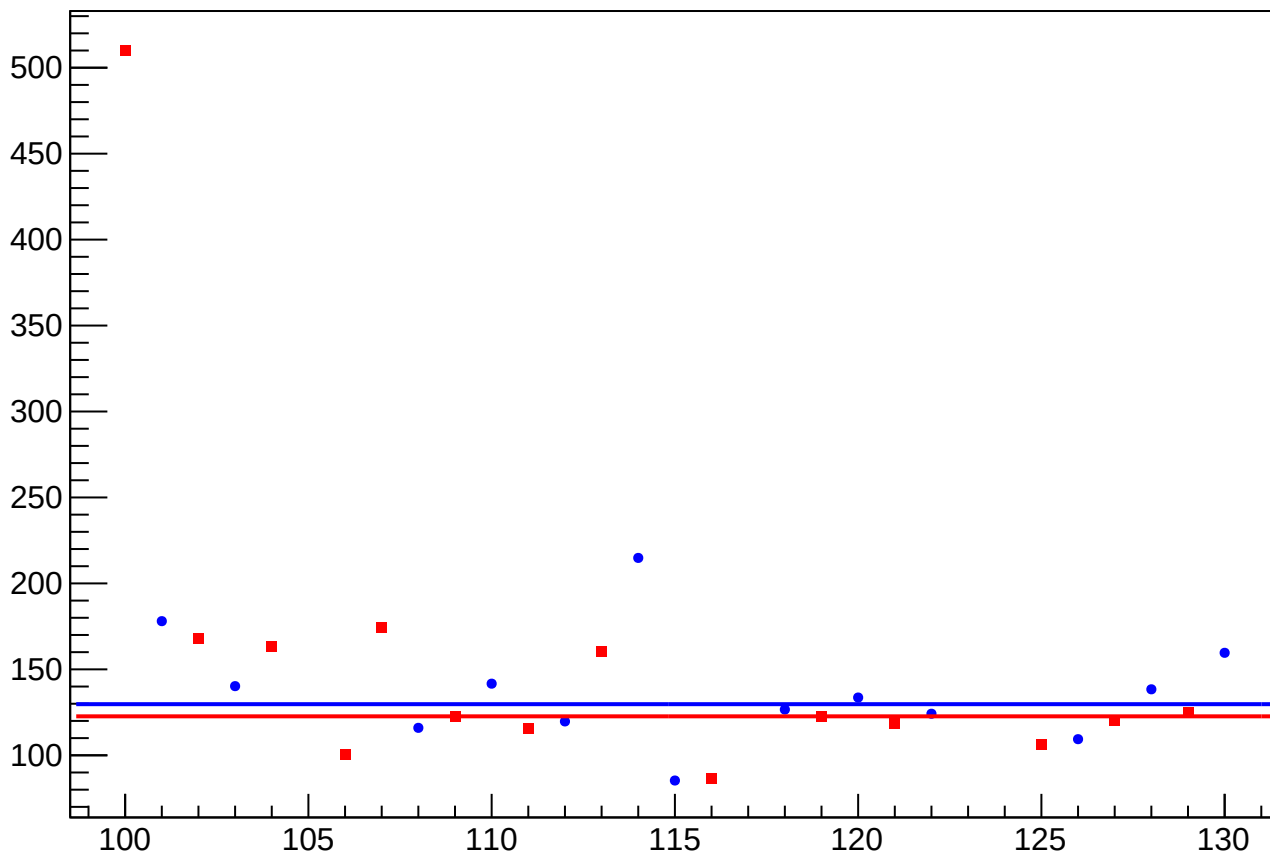
Right: 0.012 ± 0.040 χ^2/NDF : 37.8/26

In: -0.021 ± 0.058 χ^2/NDF : 12.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.012 ± 0.040 χ^2/NDF : 37.8/26

asym_usl_atl2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.745+/-0.041 χ^2/NDF : 291755.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.671+/-0.039 χ^2/NDF : 394782.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

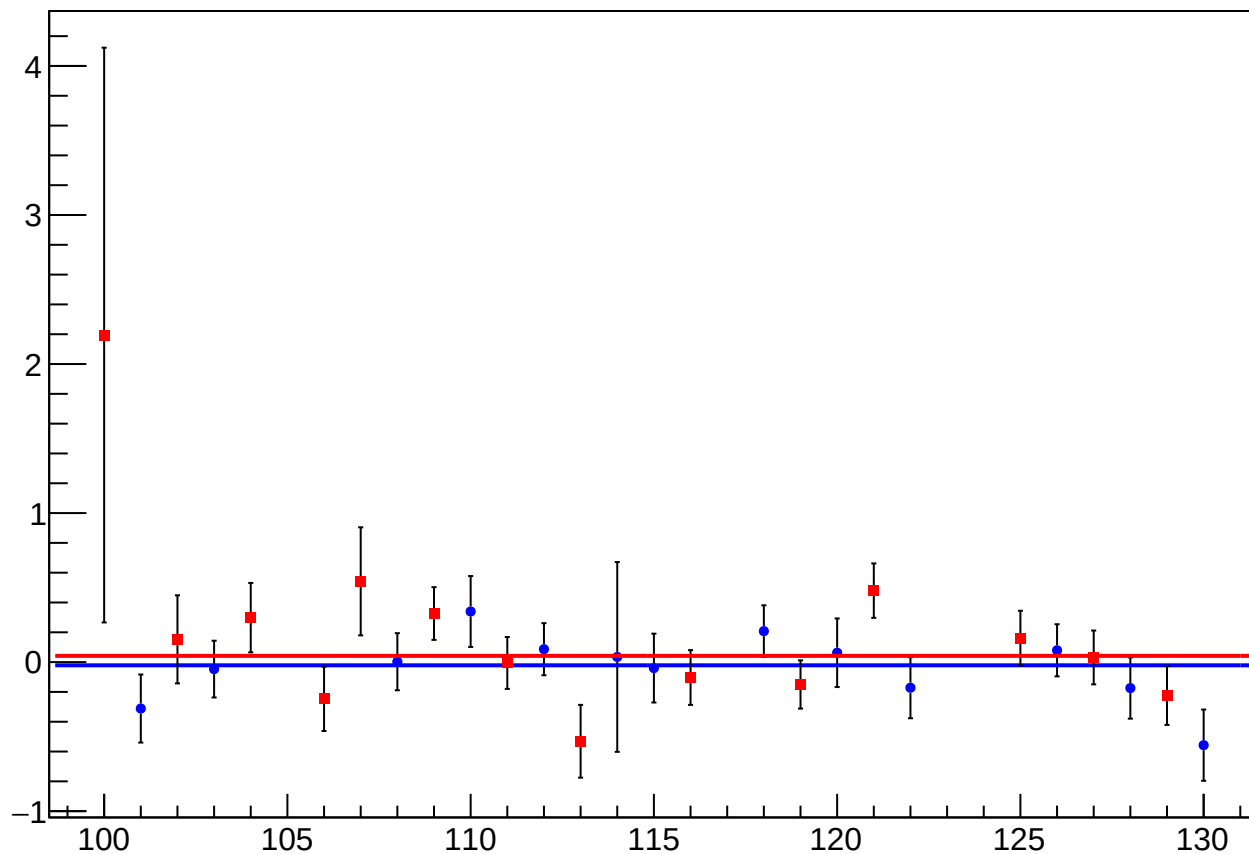
Right: 126.040+/-0.028 χ^2/NDF : 702021.5/26

In: 129.745+/-0.041 χ^2/NDF : 291755.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.040+/-0.028 χ^2/NDF : 702021.5/26

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 $\pm$ 0.058 χ^2 /NDF: 12.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.042 $\pm$ 0.055 χ^2 /NDF: 24.5/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

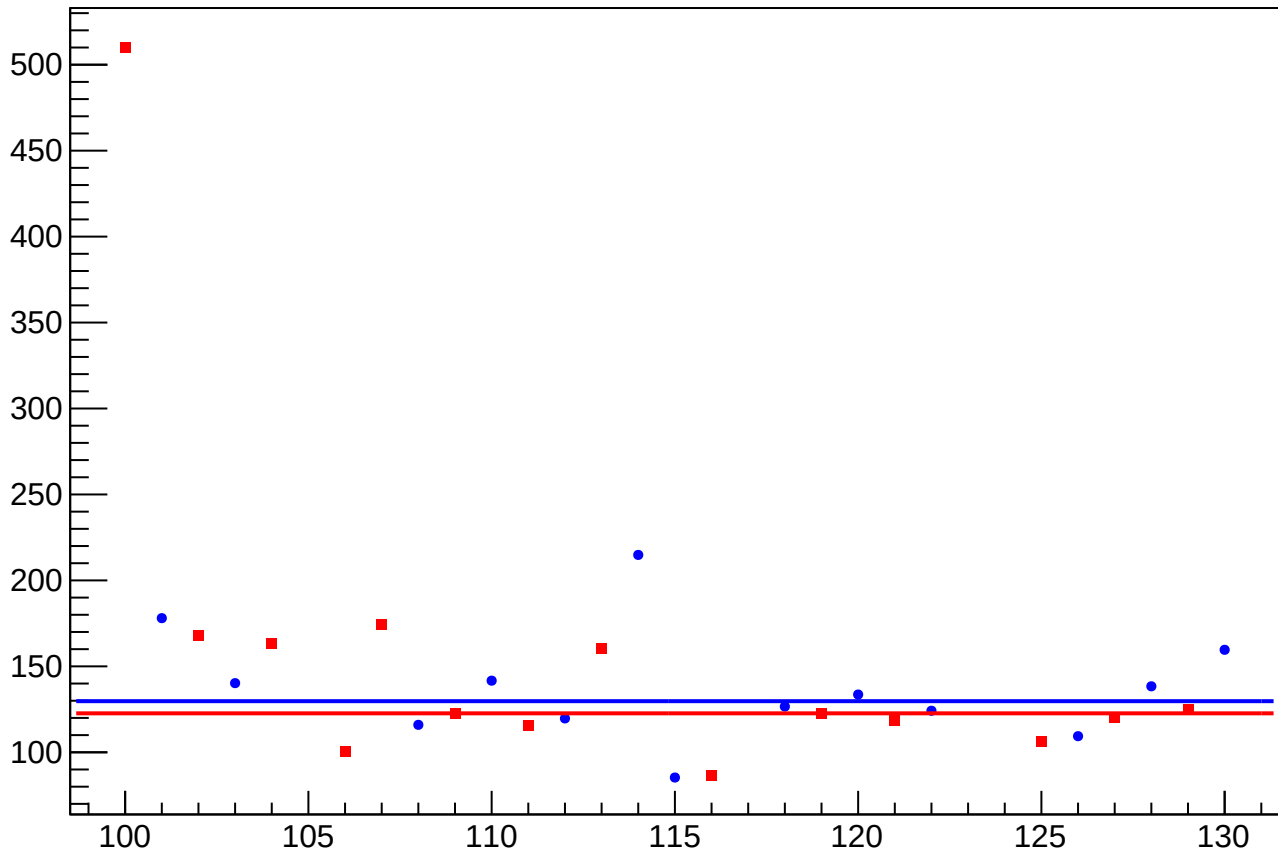
Right: 0.012 $\pm$ 0.040 χ^2 /NDF: 37.8/26

In: -0.021 $\pm$ 0.058 χ^2 /NDF:12.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.012 $\pm$ 0.040 χ^2 /NDF: 37.8/26

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.745+/-0.041 χ^2/NDF : 291755.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 122.671+/-0.039 χ^2/NDF : 394782.8/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

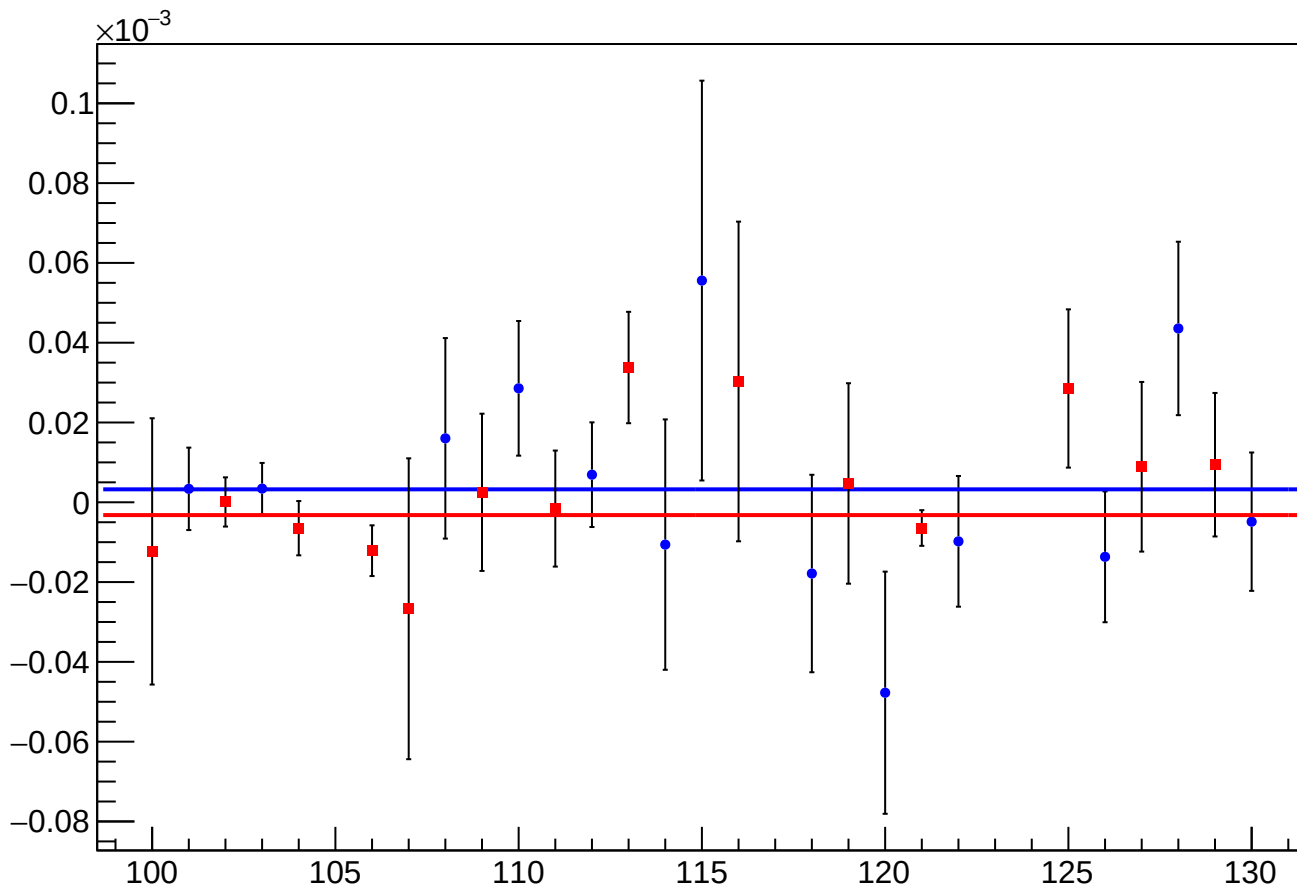
Right: 126.040+/-0.028 χ^2/NDF : 702021.5/26

In: 129.745+/-0.041 χ^2/NDF :291755.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 126.040+/-0.028 χ^2/NDF : 702021.5/26

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

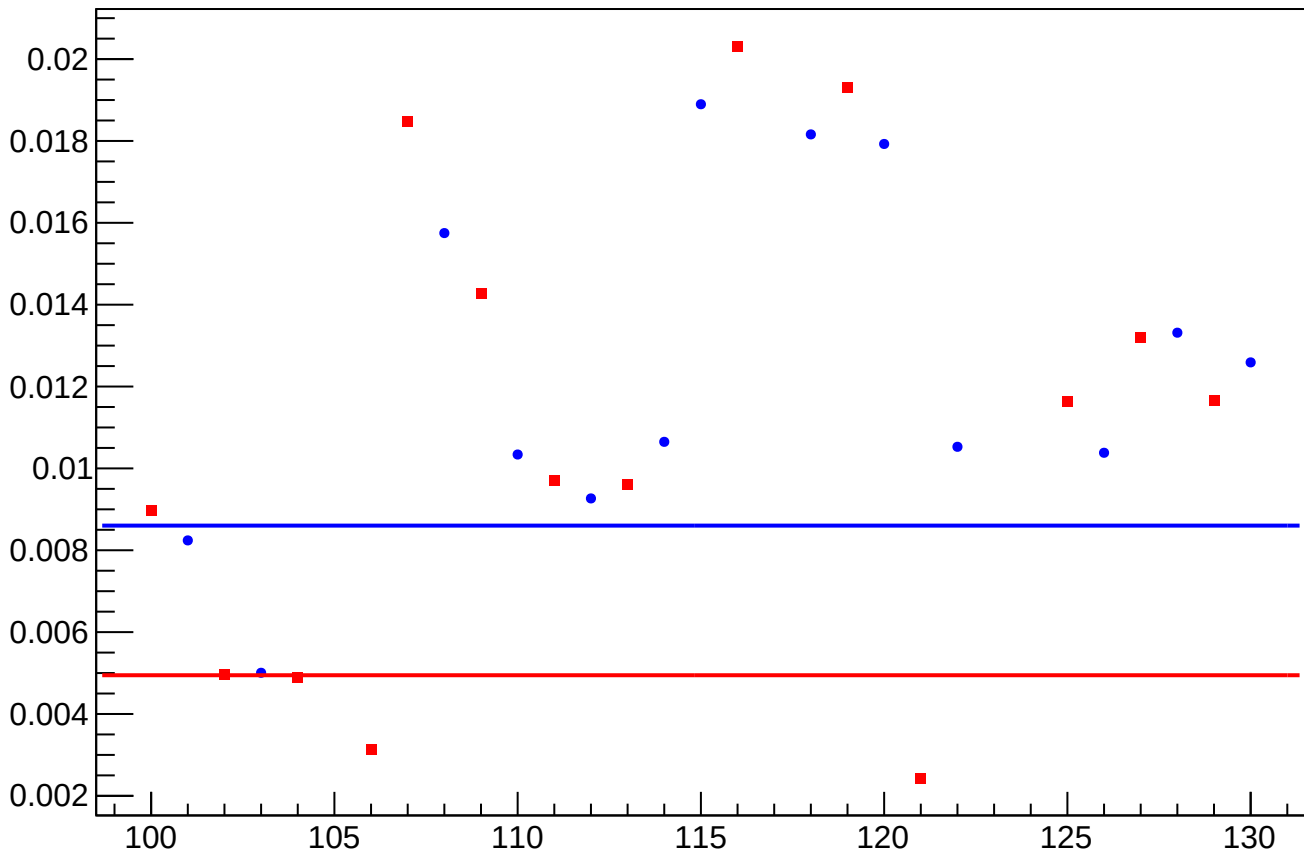
Right: -0.000+/-0.000 χ^2/NDF : 29.3/26

In: 0.000+/-0.000 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.3/26

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 1645963.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 3730029.9/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

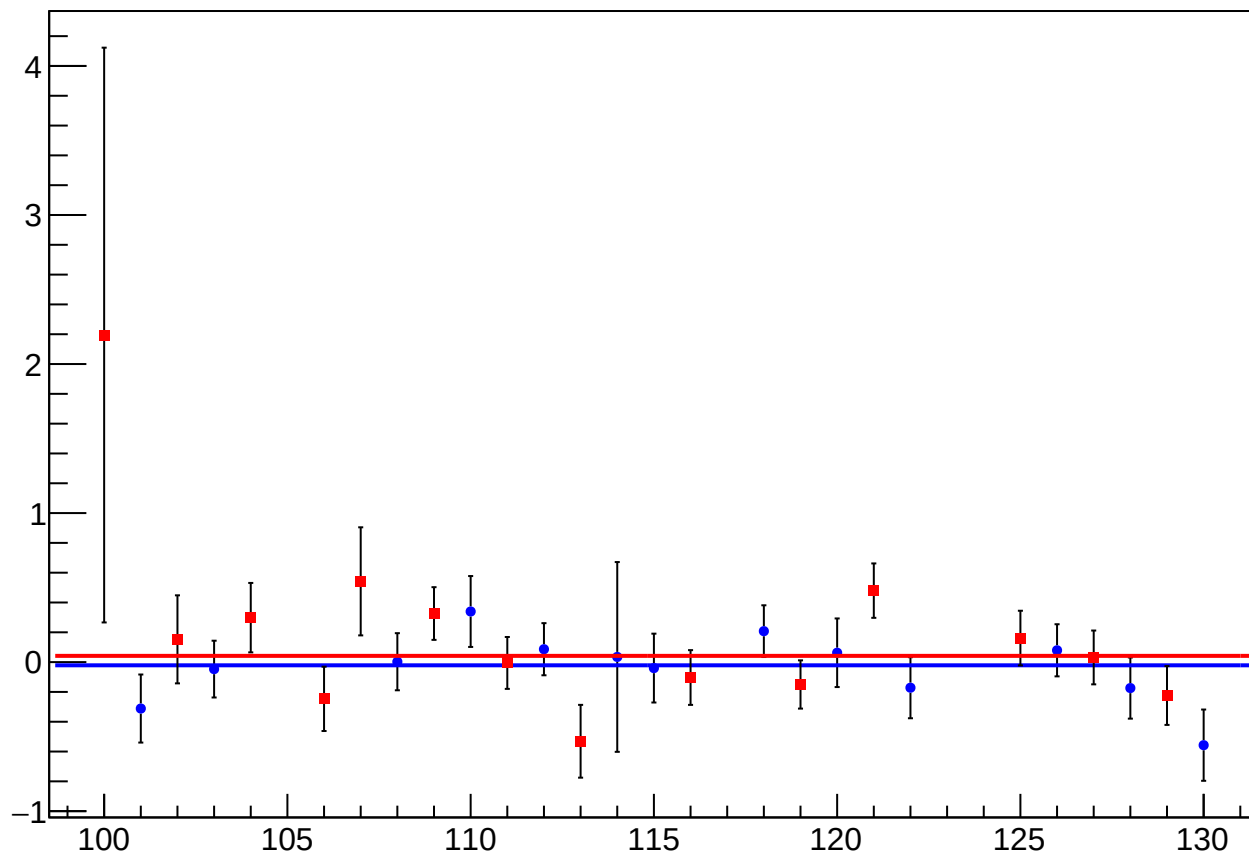
Right: 0.006+/-0.000 χ^2/NDF : 6533662.6/26

In: 0.009+/-0.000 χ^2/NDF :1645963.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 6533662.6/26

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.058 χ^2/NDF : 12.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.042+/-0.055 χ^2/NDF : 24.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

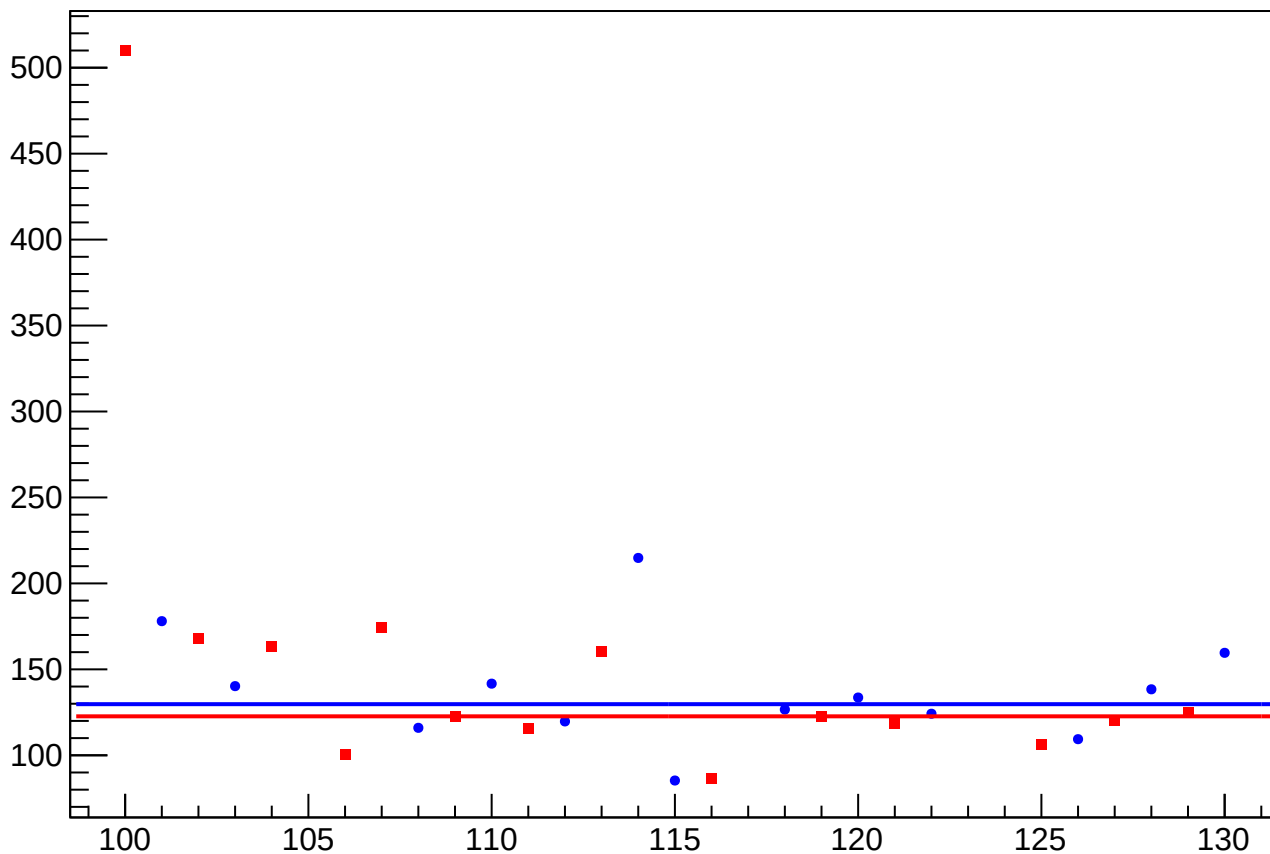
Right: 0.012+/-0.040 χ^2/NDF : 37.8/26

In: -0.021+/-0.058 χ^2/NDF : 12.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.040 χ^2/NDF : 37.8/26

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.744+/-0.041 χ^2/NDF : 291720.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.671+/-0.039 χ^2/NDF : 394759.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

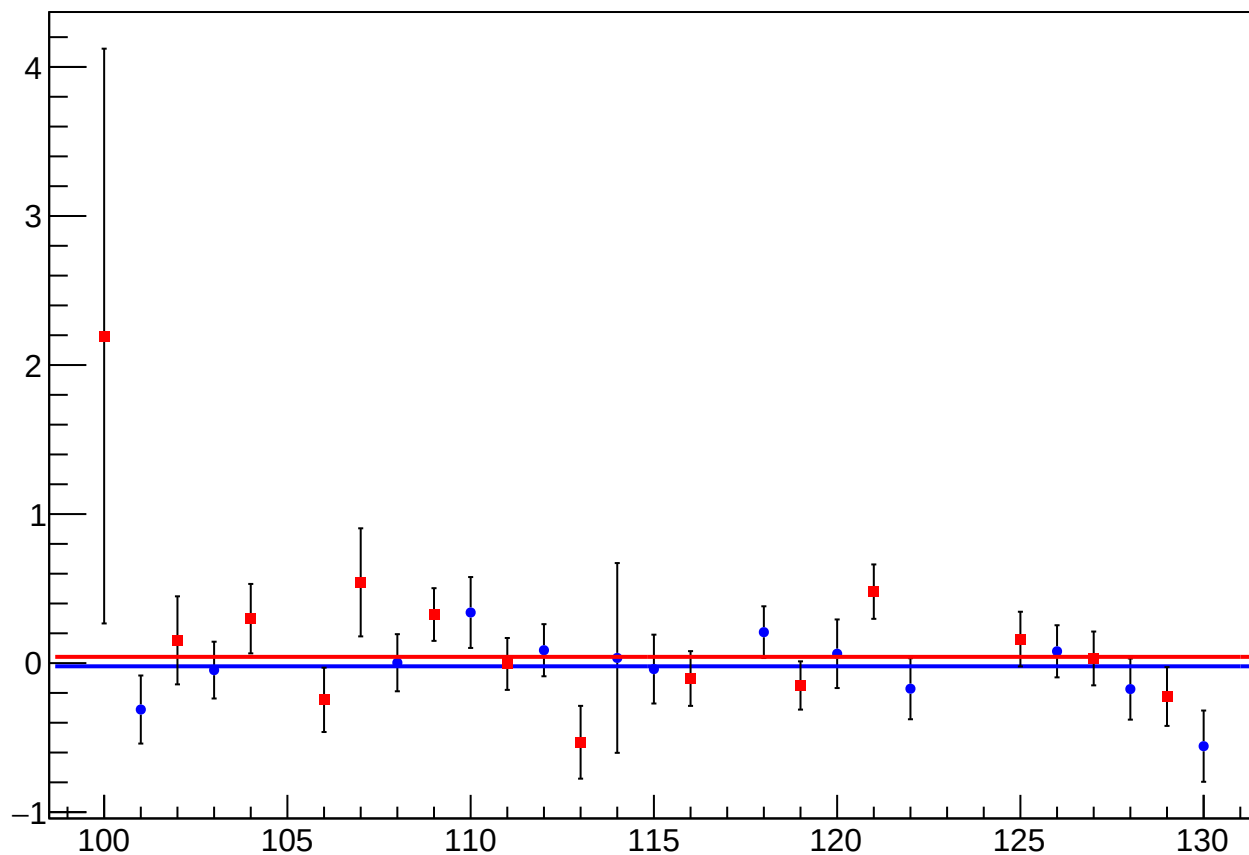
Right: 126.040+/-0.028 χ^2/NDF : 701961.2/26

In: 129.744+/-0.041 χ^2/NDF : 291720.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.040+/-0.028 χ^2/NDF : 701961.2/26

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 $\pm$ 0.058 χ^2 /NDF: 12.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.042 $\pm$ 0.055 χ^2 /NDF: 24.5/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

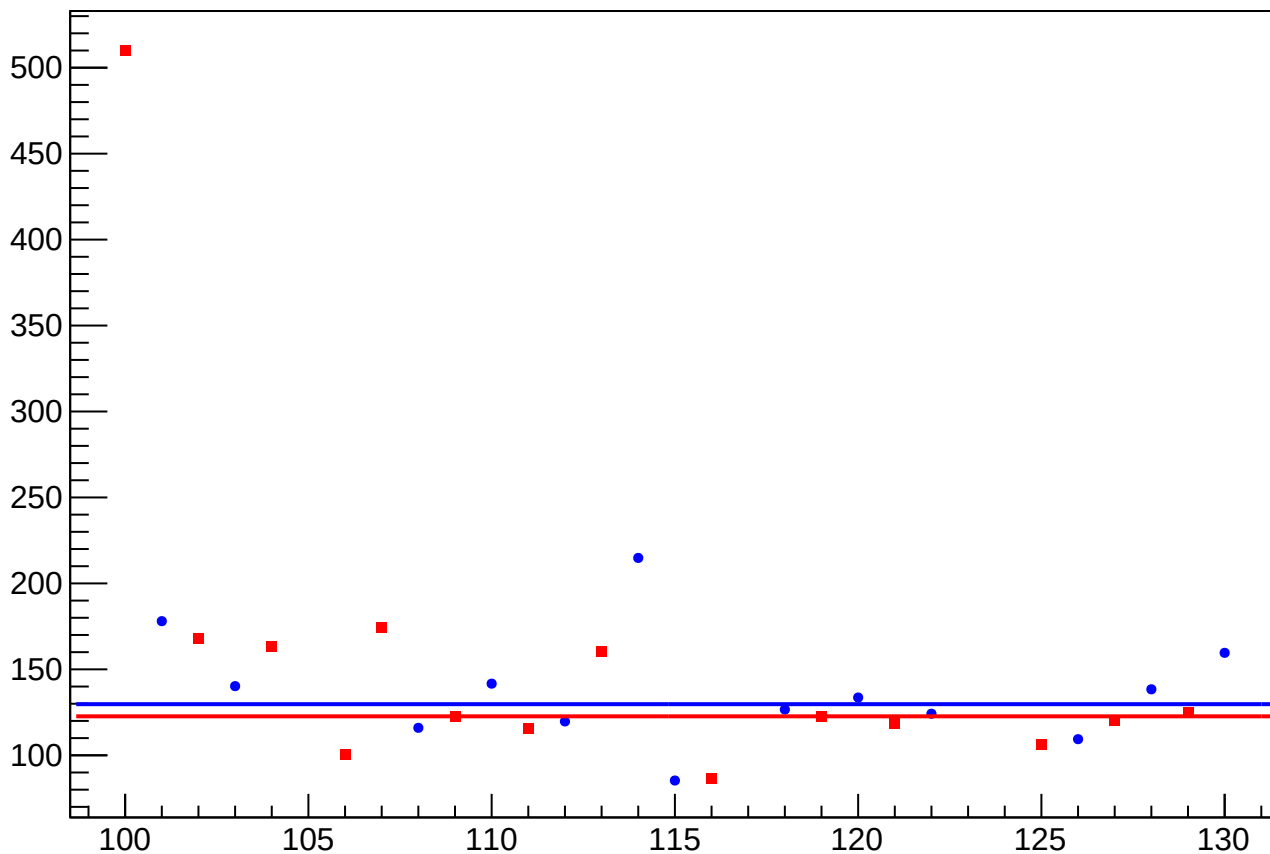
Right: 0.012 $\pm$ 0.040 χ^2 /NDF: 37.8/26

In: -0.021 $\pm$ 0.058 χ^2 /NDF:12.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.012 $\pm$ 0.040 χ^2 /NDF: 37.8/26

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.744+/-0.041 χ^2/NDF : 291720.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.671+/-0.039 χ^2/NDF : 394759.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

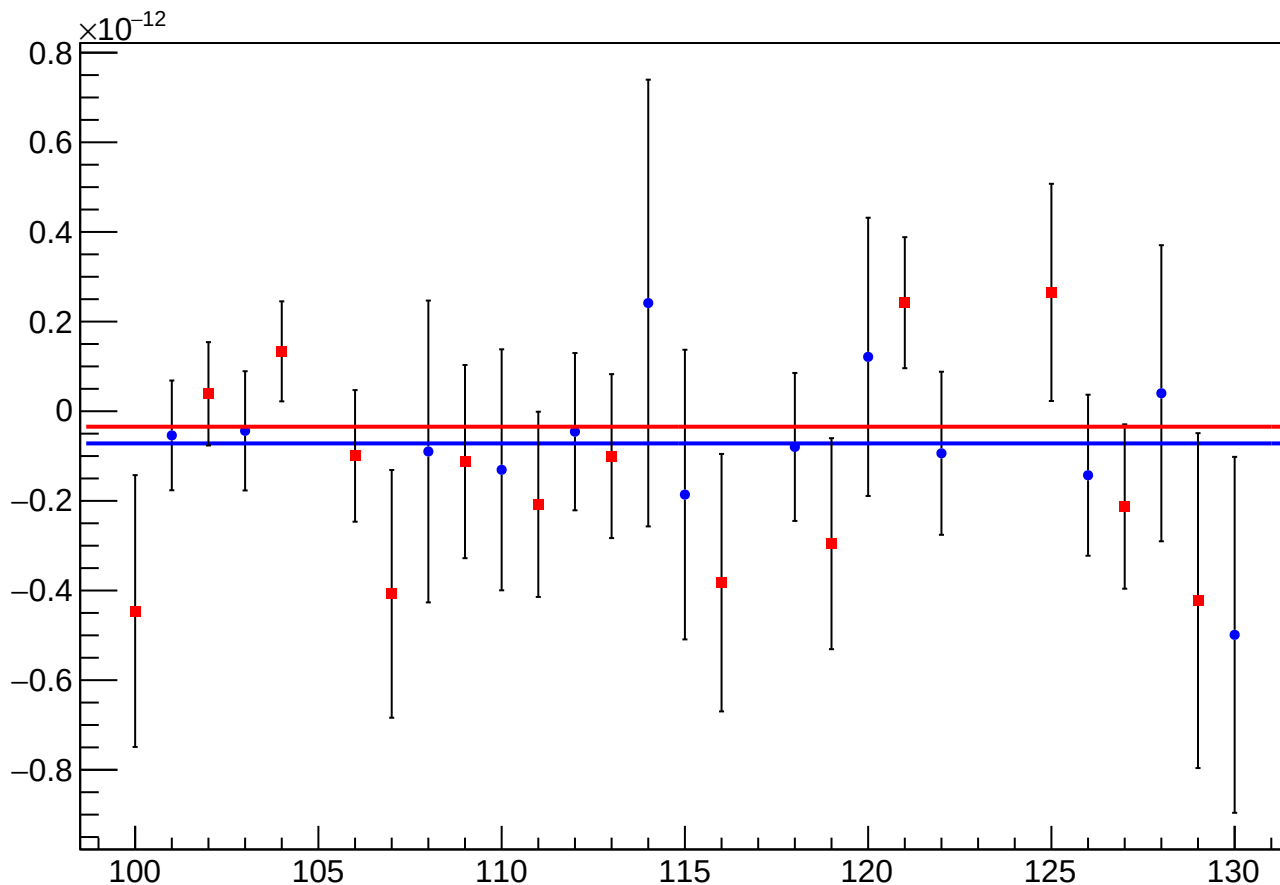
Right: 126.040+/-0.028 χ^2/NDF : 701961.2/26

In: 129.744+/-0.041 χ^2/NDF : 291720.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.040+/-0.028 χ^2/NDF : 701961.2/26

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

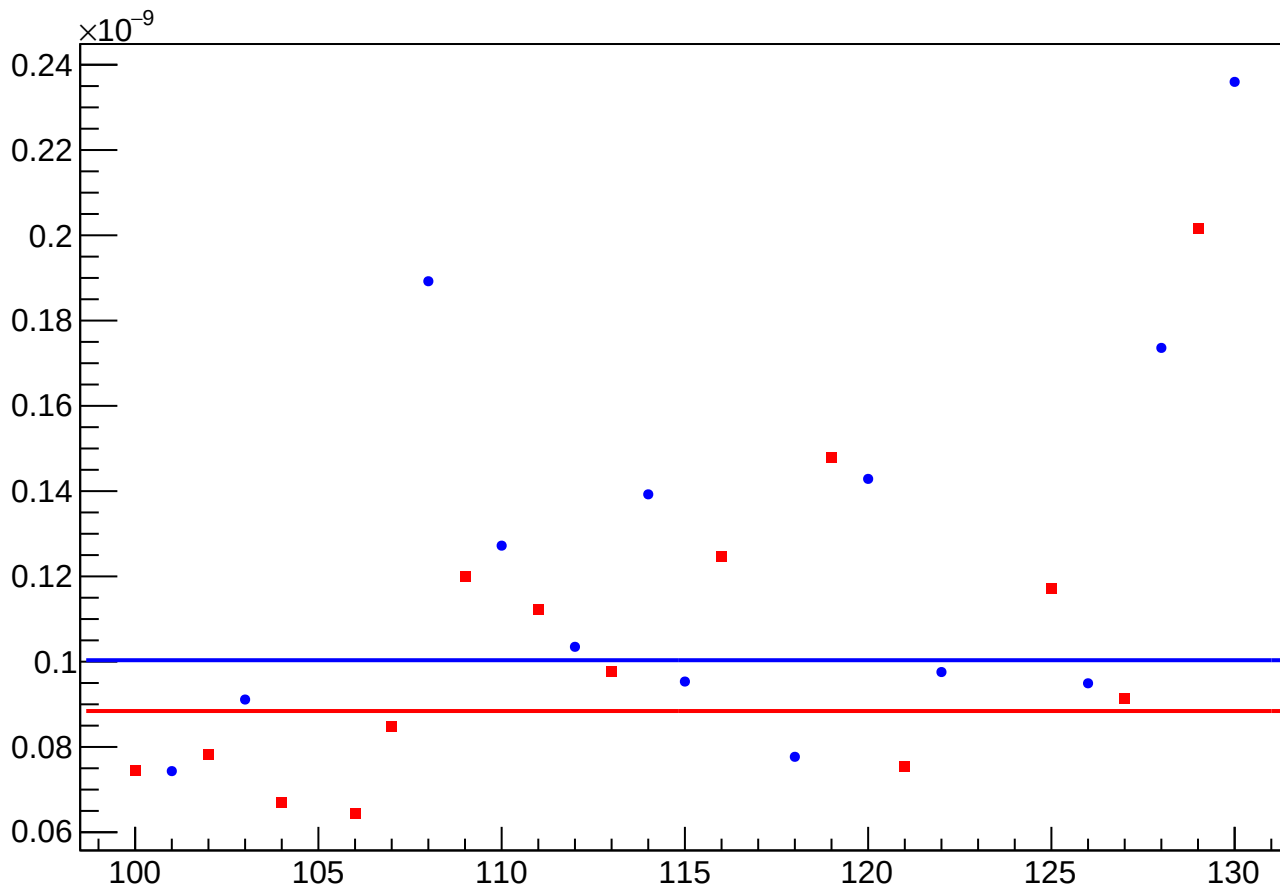
Right: -0.000+/-0.000 χ^2/NDF : 20.1/26

In: -0.000+/-0.000 χ^2/NDF : 2.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.1/26

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 681811.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 608922.4/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

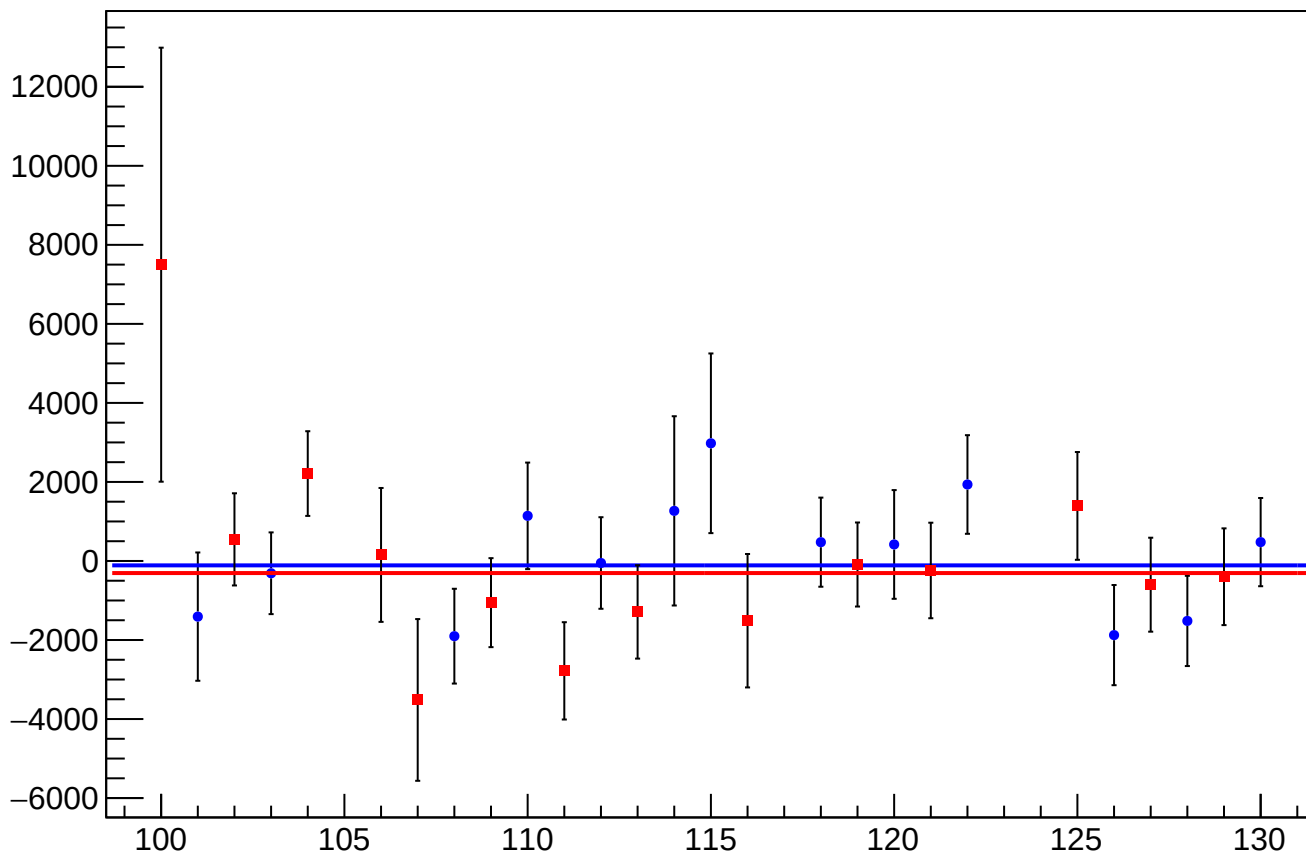
Right: 0.000+/-0.000 χ^2/NDF : 1342519.2/26

In: 0.000+/-0.000 χ^2/NDF :681811.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1342519.2/26

reg_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -111.280+/-357.573 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -305.802+/-348.731 χ^2/NDF : 18.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

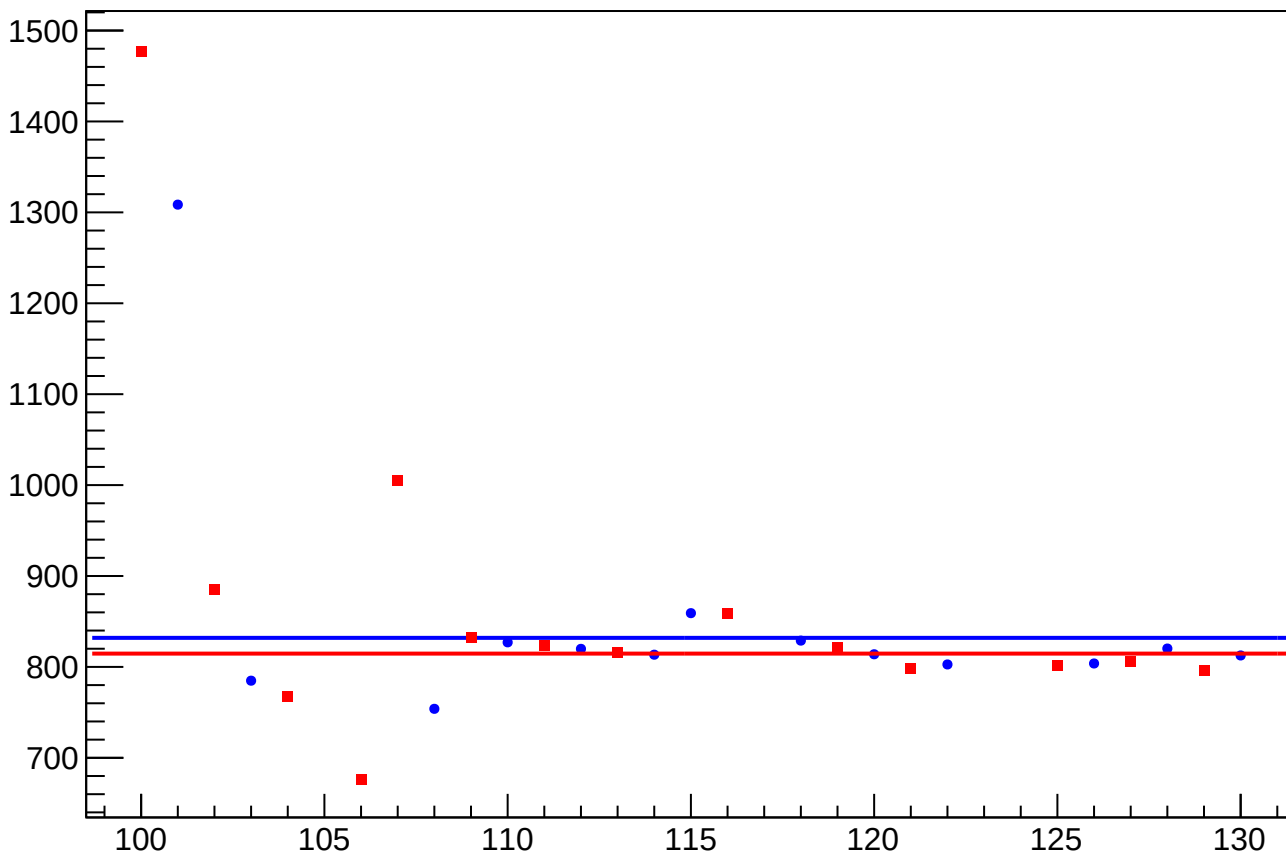
Right: -210.976+/-249.658 χ^2/NDF : 30.9/26

In: -111.280+/-357.573 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -210.976+/-249.658 χ^2/NDF : 30.9/26

reg_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 831.969+/-0.253 χ^2/NDF : 188892.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 814.641+/-0.243 χ^2/NDF : 83548.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

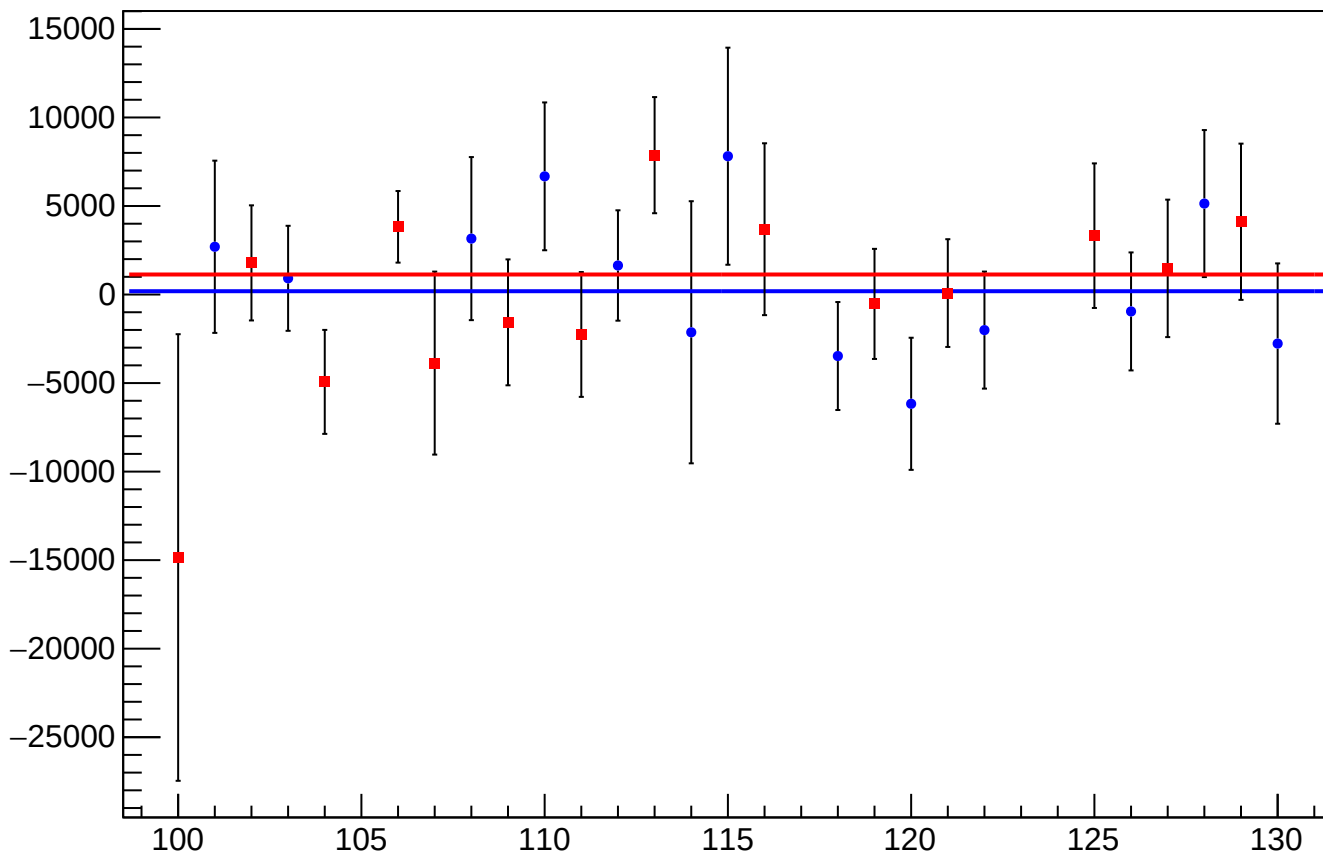
Right: 822.962+/-0.175 χ^2/NDF : 274883.0/26

In: 831.969+/-0.253 χ^2/NDF : 188892.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 822.962+/-0.175 χ^2/NDF : 274883.0/26

asym_usl_atl2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 187.830+/-1068.355 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1131.854+/-919.288 χ^2/NDF : 15.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

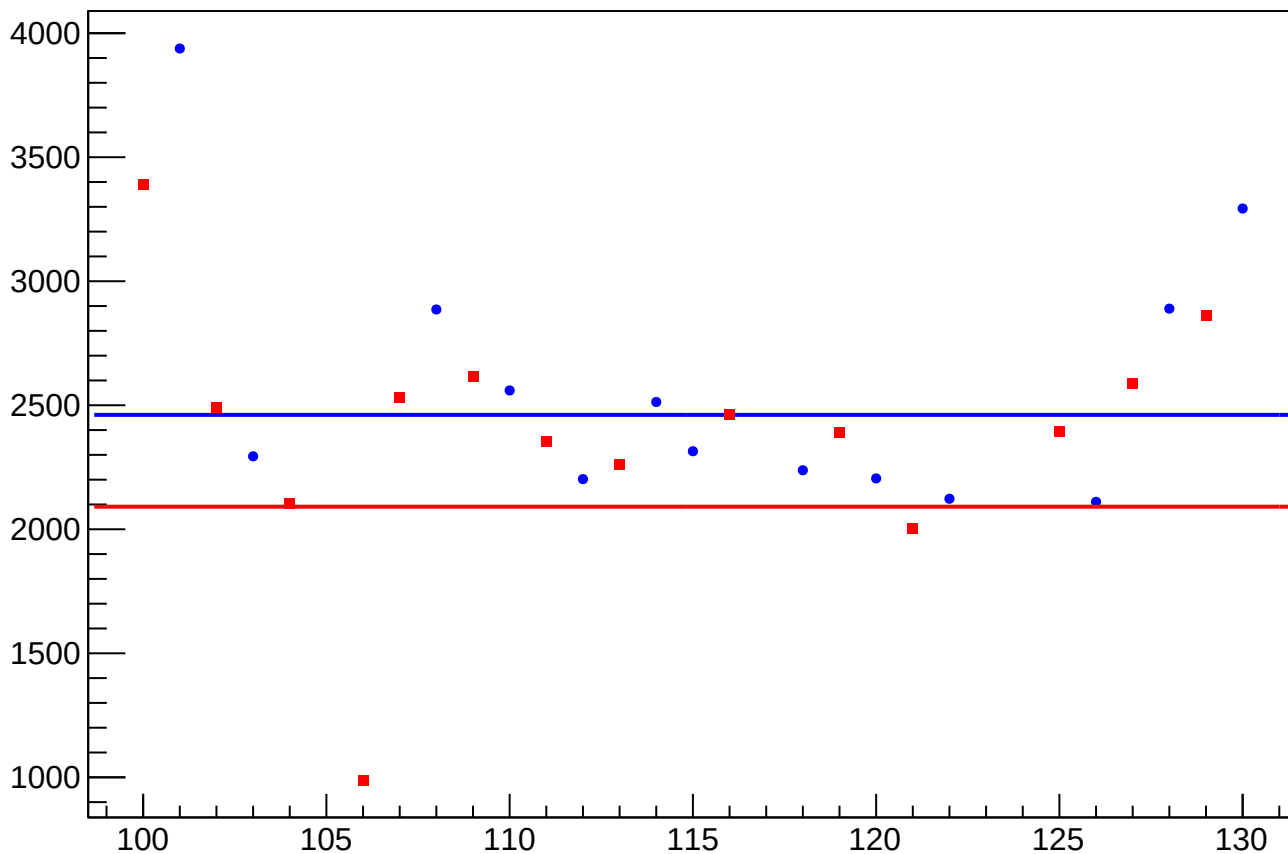
Right: 730.245+/-696.828 χ^2/NDF : 28.0/26

In: 187.830+/-1068.355 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 730.245+/-696.828 χ^2/NDF : 28.0/26

asym_usl_atl2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2461.260+/-0.755 χ^2/NDF : 376000.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2091.125+/-0.650 χ^2/NDF : 858902.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

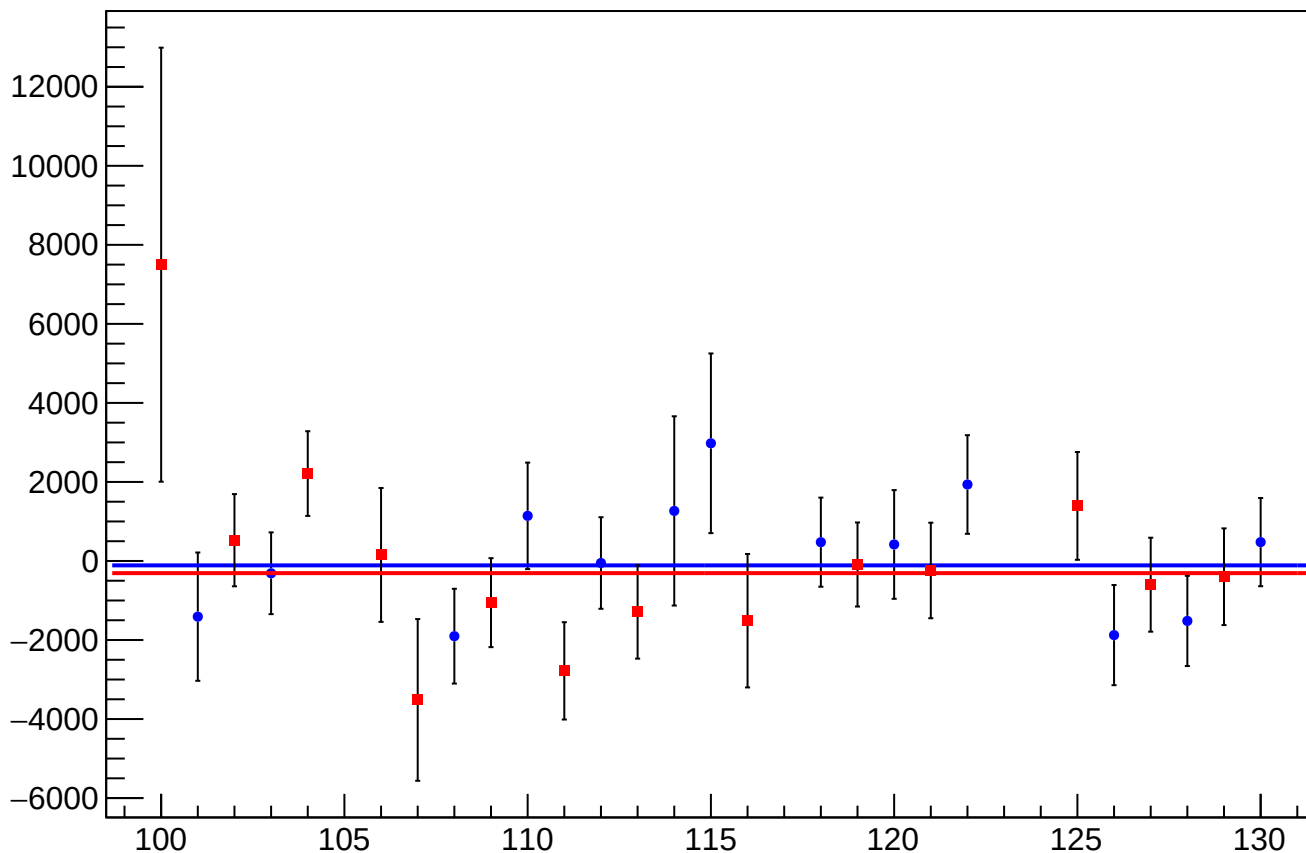
Right: 2248.589+/-0.493 χ^2/NDF : 1372834.9/26

In: 2461.260+/-0.755 χ^2/NDF : 376000.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2248.589+/-0.493 χ^2/NDF : 1372834.9/26

cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -111.373+/-357.573 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -307.733+/-348.738 χ^2/NDF : 17.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

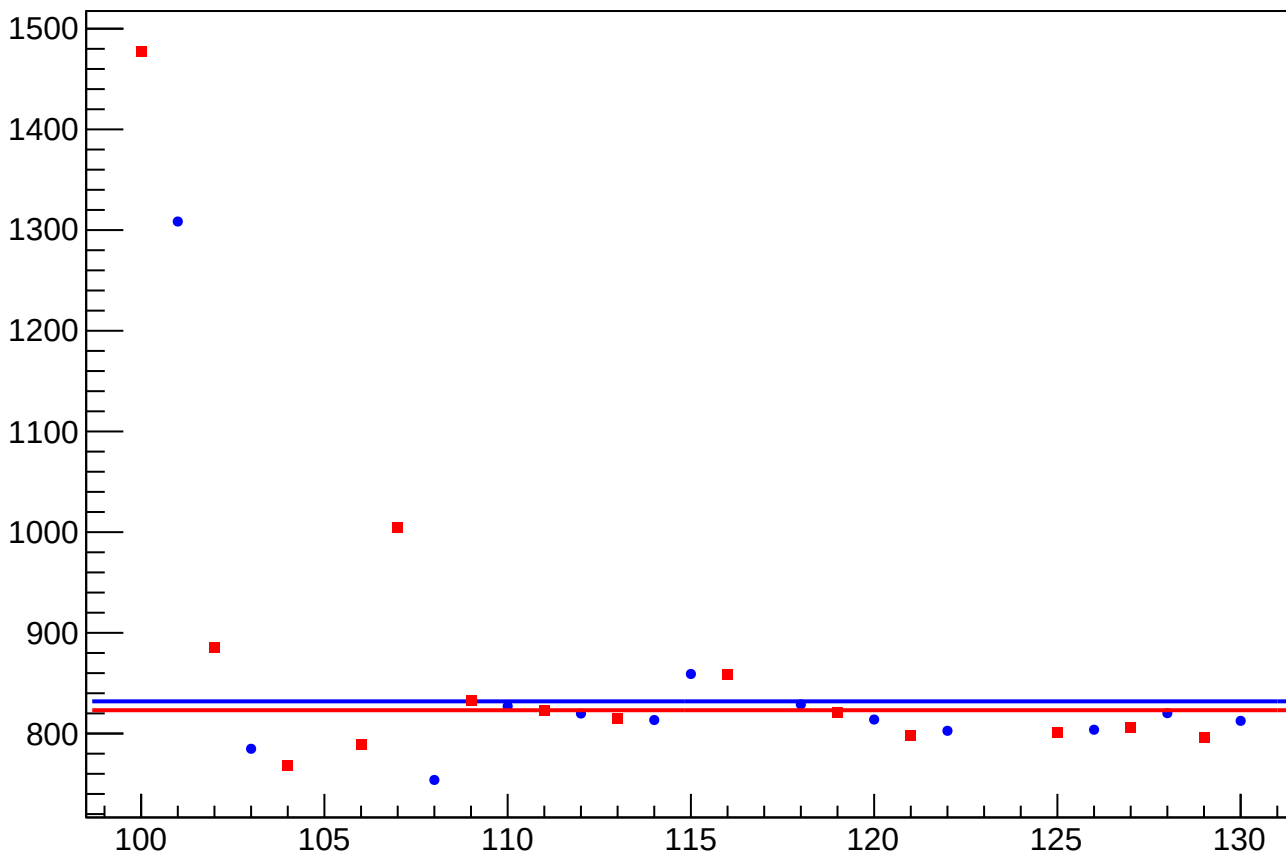
Right: -212.009+/-249.660 χ^2/NDF : 30.9/26

In: -111.373+/-357.573 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -212.009+/-249.660 χ^2/NDF : 30.9/26

cor_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 831.969+/-0.253 χ^2/NDF : 188892.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 823.147+/-0.245 χ^2/NDF : 60121.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

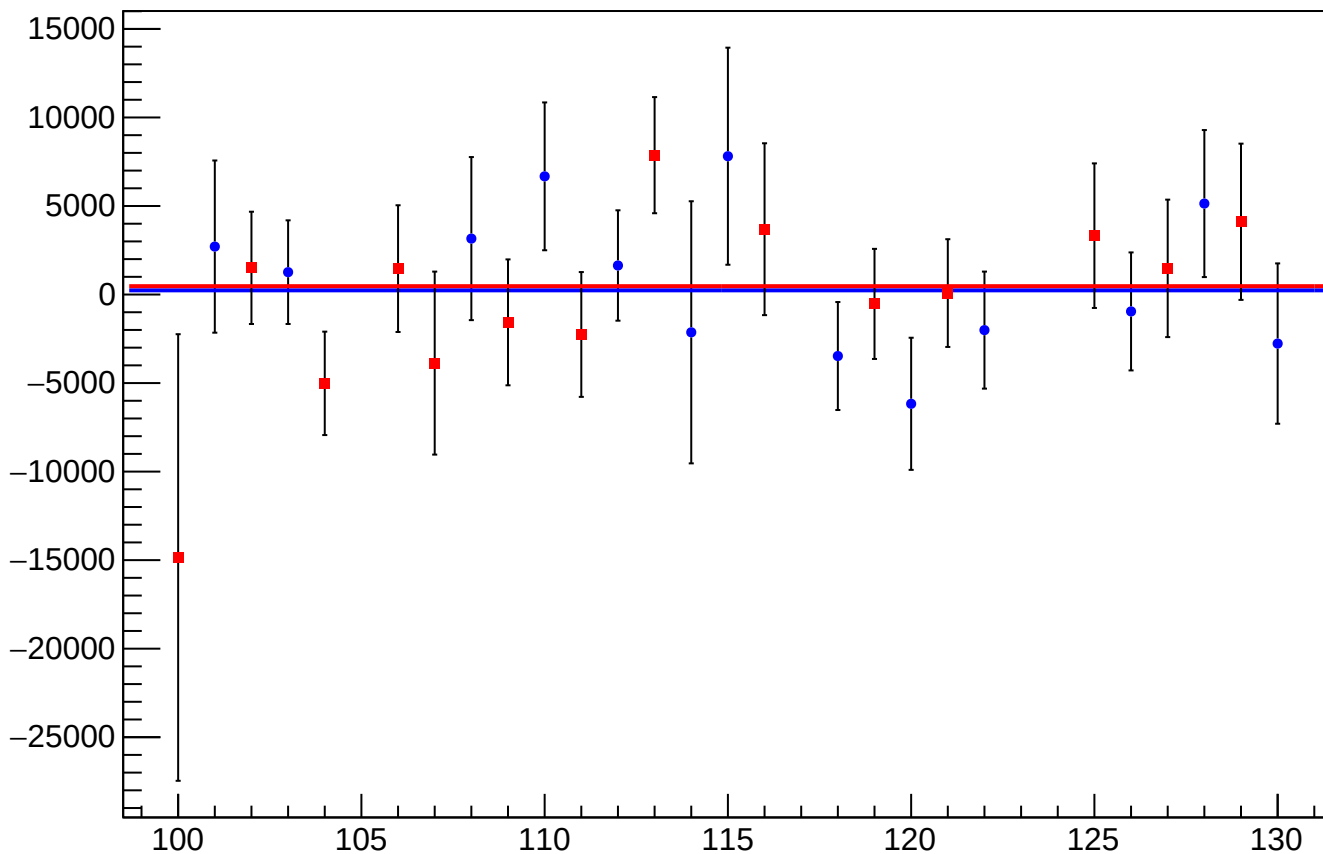
Right: 827.421+/-0.176 χ^2/NDF : 249641.6/26

In: 831.969+/-0.253 χ^2/NDF : 188892.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 827.421+/-0.176 χ^2/NDF : 249641.6/26

asym_usl_atl2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 236.935+/-1066.504 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 472.219+/-988.802 χ^2/NDF : 13.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

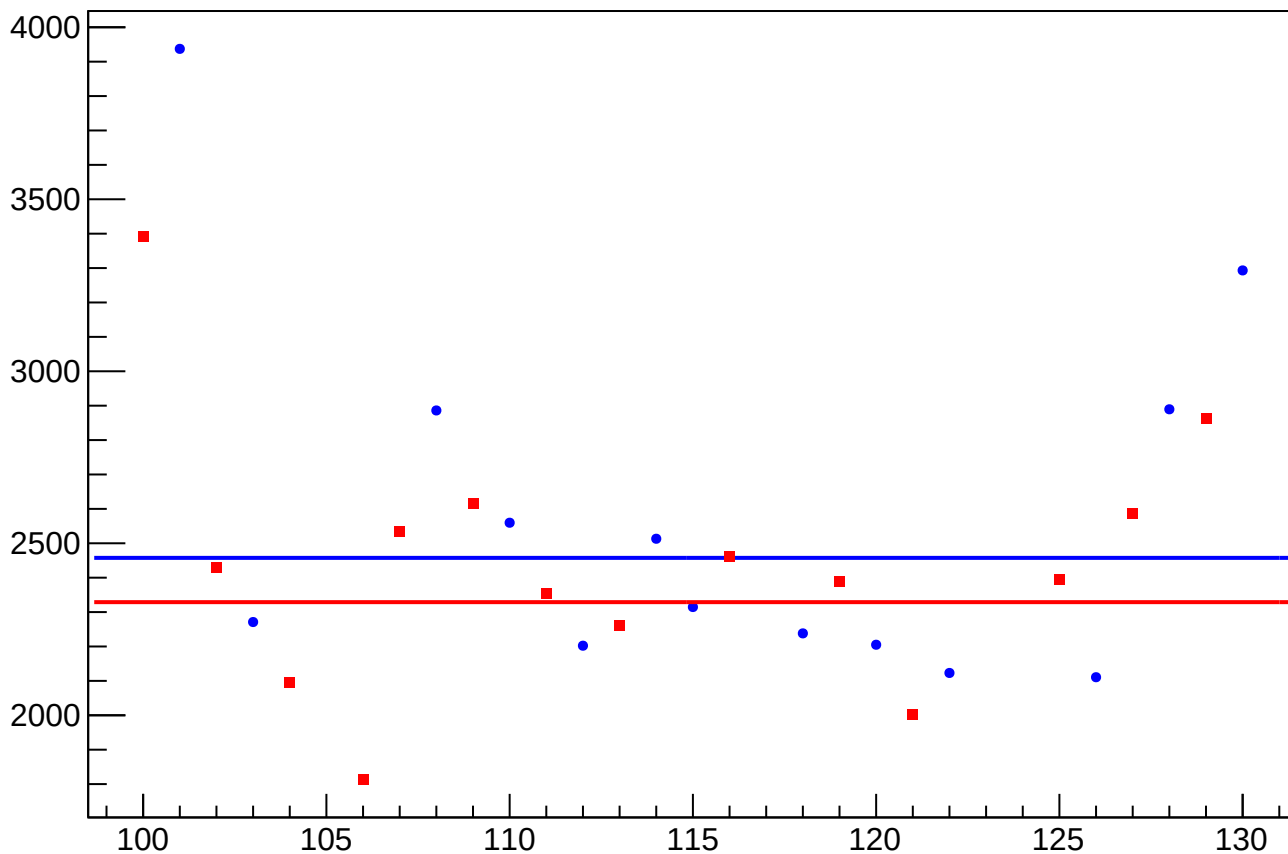
Right: 363.459+/-725.104 χ^2/NDF : 25.6/26

In: 236.935+/-1066.504 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 363.459+/-725.104 χ^2/NDF : 25.6/26

asym_usl_atl2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2457.605+/-0.754 χ^2/NDF : 377921.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2328.874+/-0.699 χ^2/NDF : 151899.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

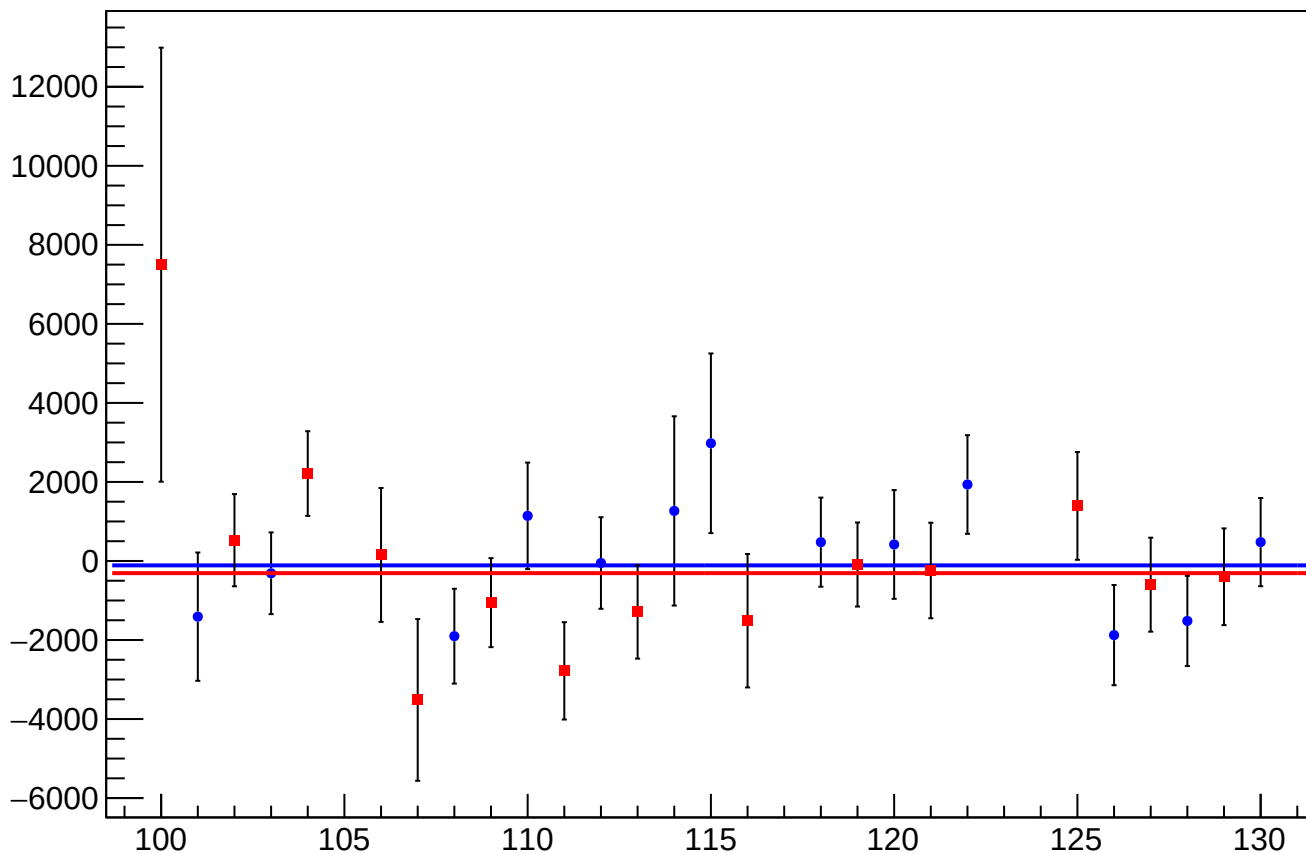
Right: 2388.380+/-0.513 χ^2/NDF : 545490.8/26

In: 2457.605+/-0.754 χ^2/NDF : 377921.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2388.380+/-0.513 χ^2/NDF : 545490.8/26

eigen_cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -111.373+/-357.573 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -307.733+/-348.738 χ^2/NDF : 17.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

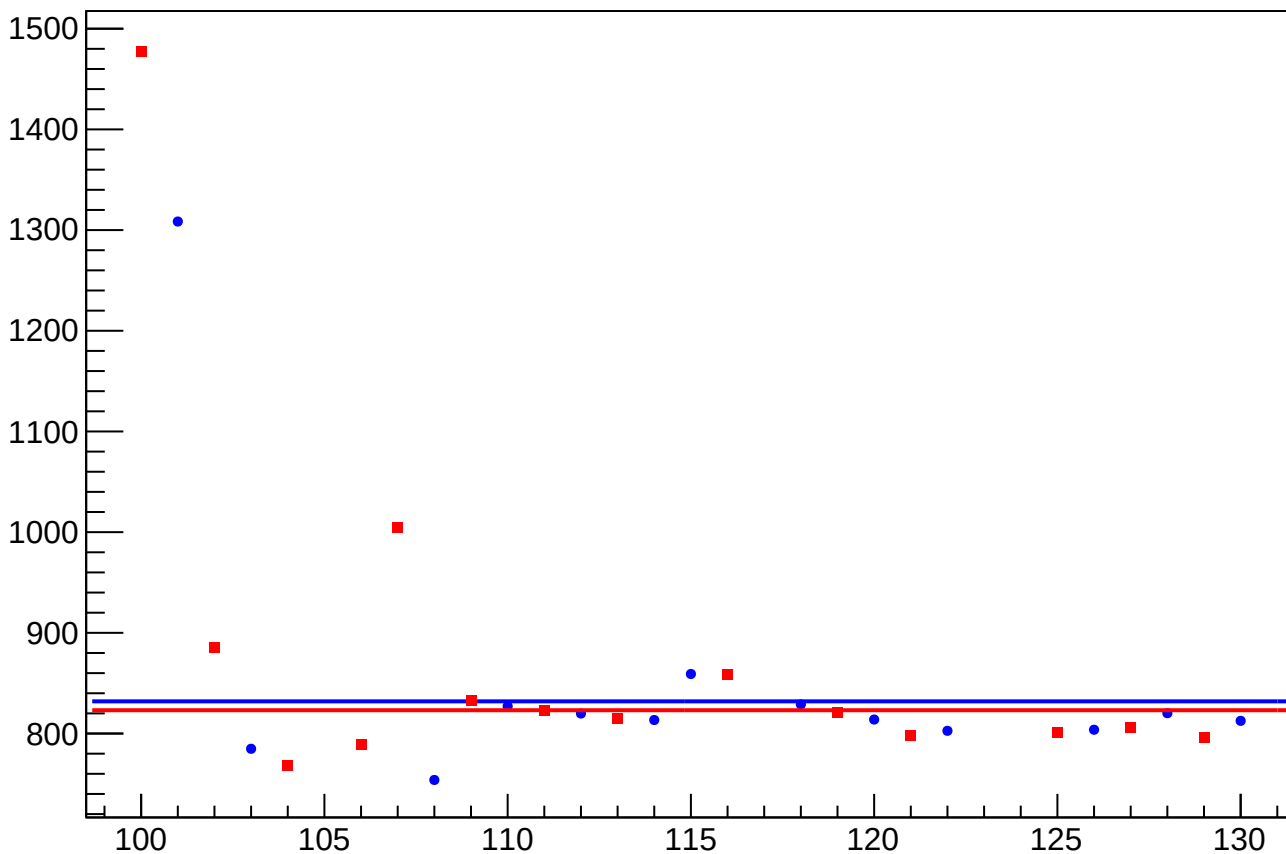
Right: -212.009+/-249.660 χ^2/NDF : 30.9/26

In: -111.373+/-357.573 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -212.009+/-249.660 χ^2/NDF : 30.9/26

eigen_cor_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 831.969+/-0.253 χ^2/NDF : 188892.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 823.147+/-0.245 χ^2/NDF : 60121.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

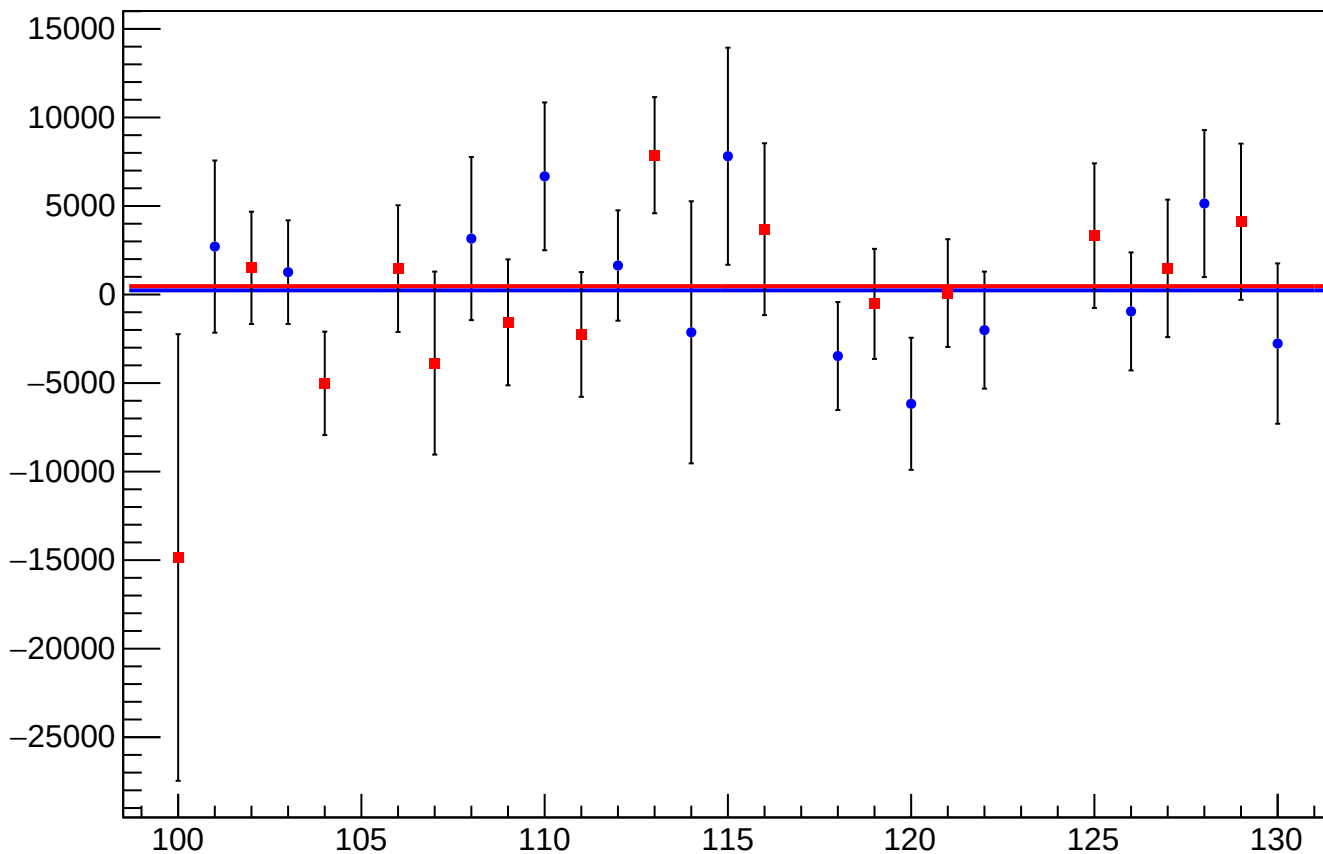
Right: 827.421+/-0.176 χ^2/NDF : 249641.6/26

In: 831.969+/-0.253 χ^2/NDF : 188892.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 827.421+/-0.176 χ^2/NDF : 249641.6/26

asym_usl_atl2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 236.935 $\pm$ 1066.504 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 472.219 $\pm$ 988.802 χ^2 /NDF: 13.7/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

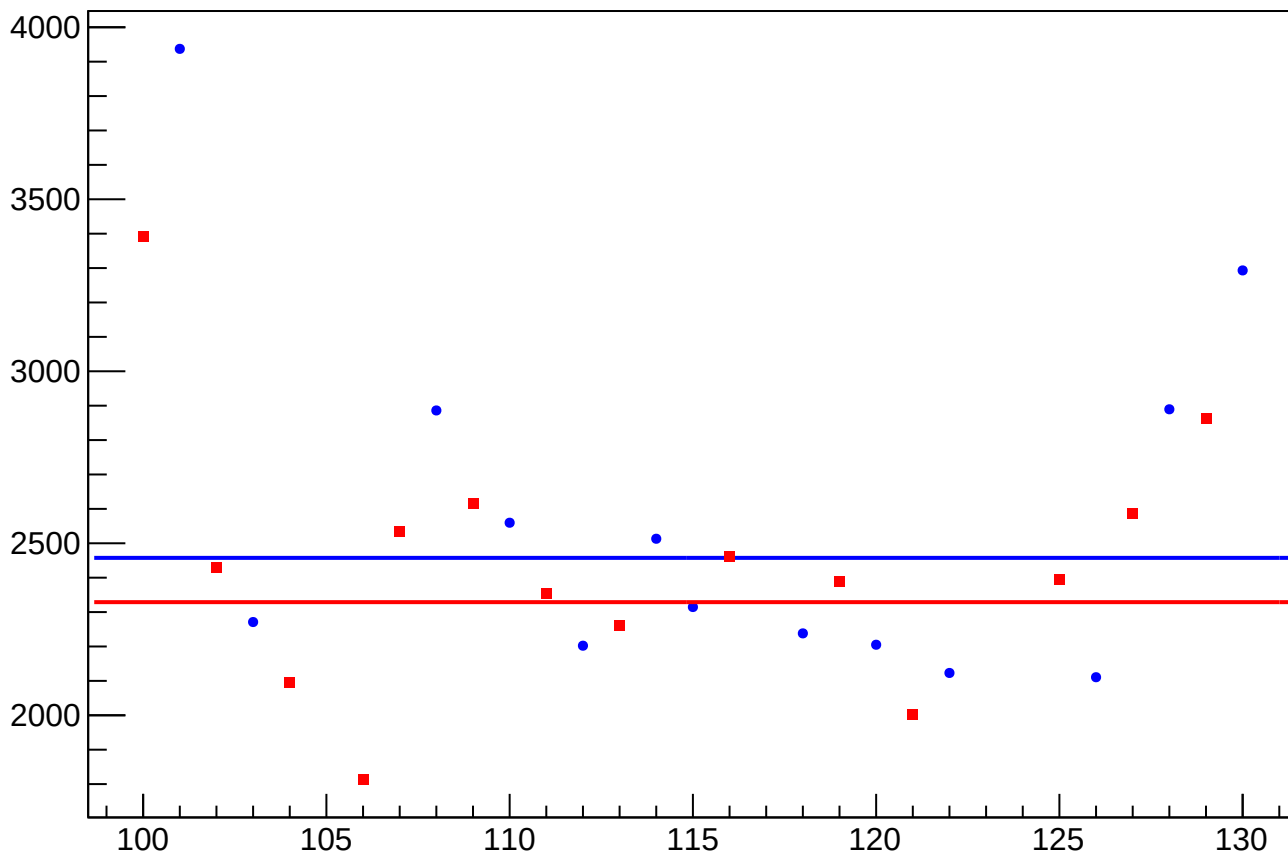
Right: 363.459 $\pm$ 725.104 χ^2 /NDF: 25.6/26

In: 236.935 $\pm$ 1066.504 χ^2 /NDF:11.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 363.459 $\pm$ 725.104 χ^2 /NDF: 25.6/26

asym_usl_atl2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2457.605+/-0.754 χ^2/NDF : 377921.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2328.874+/-0.699 χ^2/NDF : 151899.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

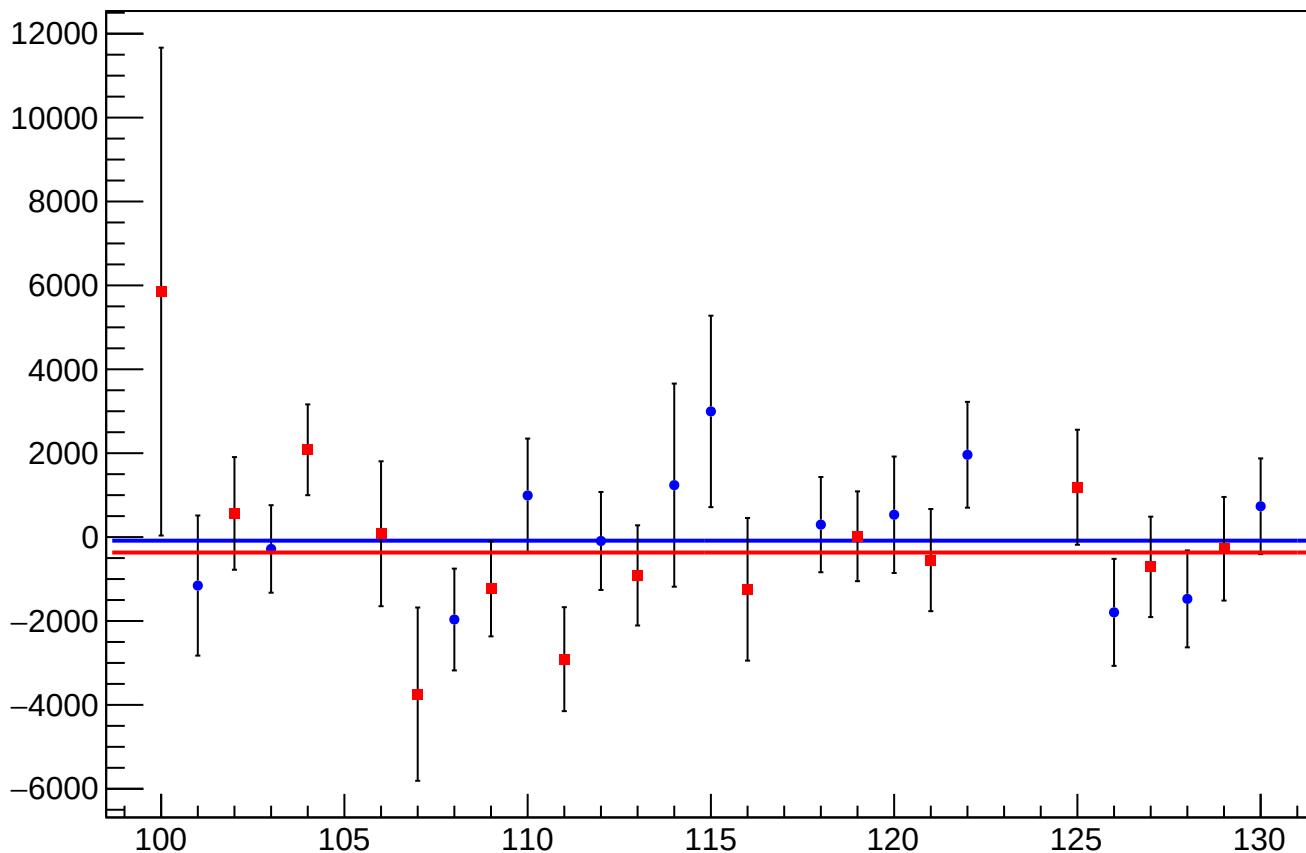
Right: 2388.380+/-0.513 χ^2/NDF : 545490.8/26

In: 2457.605+/-0.754 χ^2/NDF : 377921.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2388.380+/-0.513 χ^2/NDF : 545490.8/26

dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -85.134+/-361.520 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -367.965+/-355.391 χ^2/NDF : 16.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

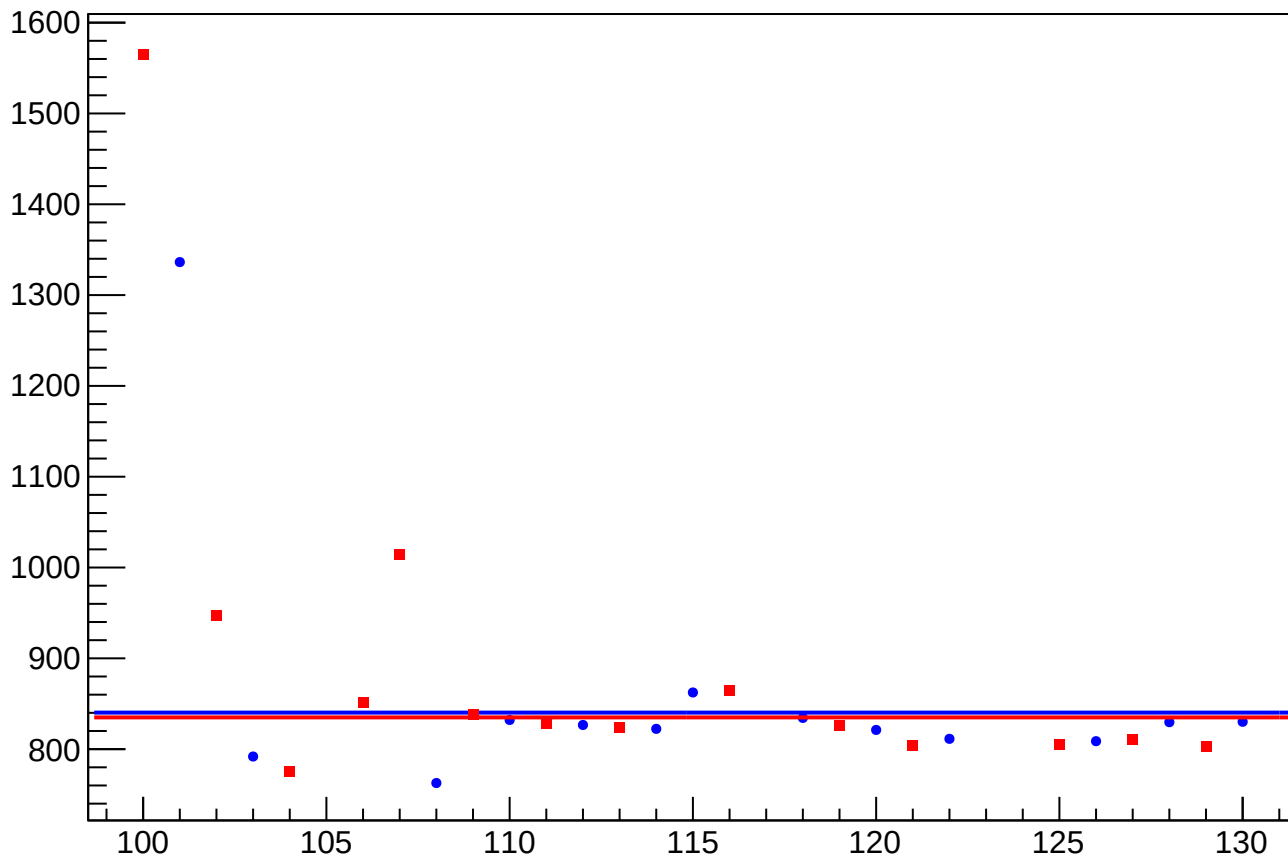
Right: -228.967+/-253.439 χ^2/NDF : 28.9/26

In: -85.134+/-361.520 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -228.967+/-253.439 χ^2/NDF : 28.9/26

dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 840.255+/-0.256 χ^2/NDF : 192615.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 834.967+/-0.251 χ^2/NDF : 72257.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

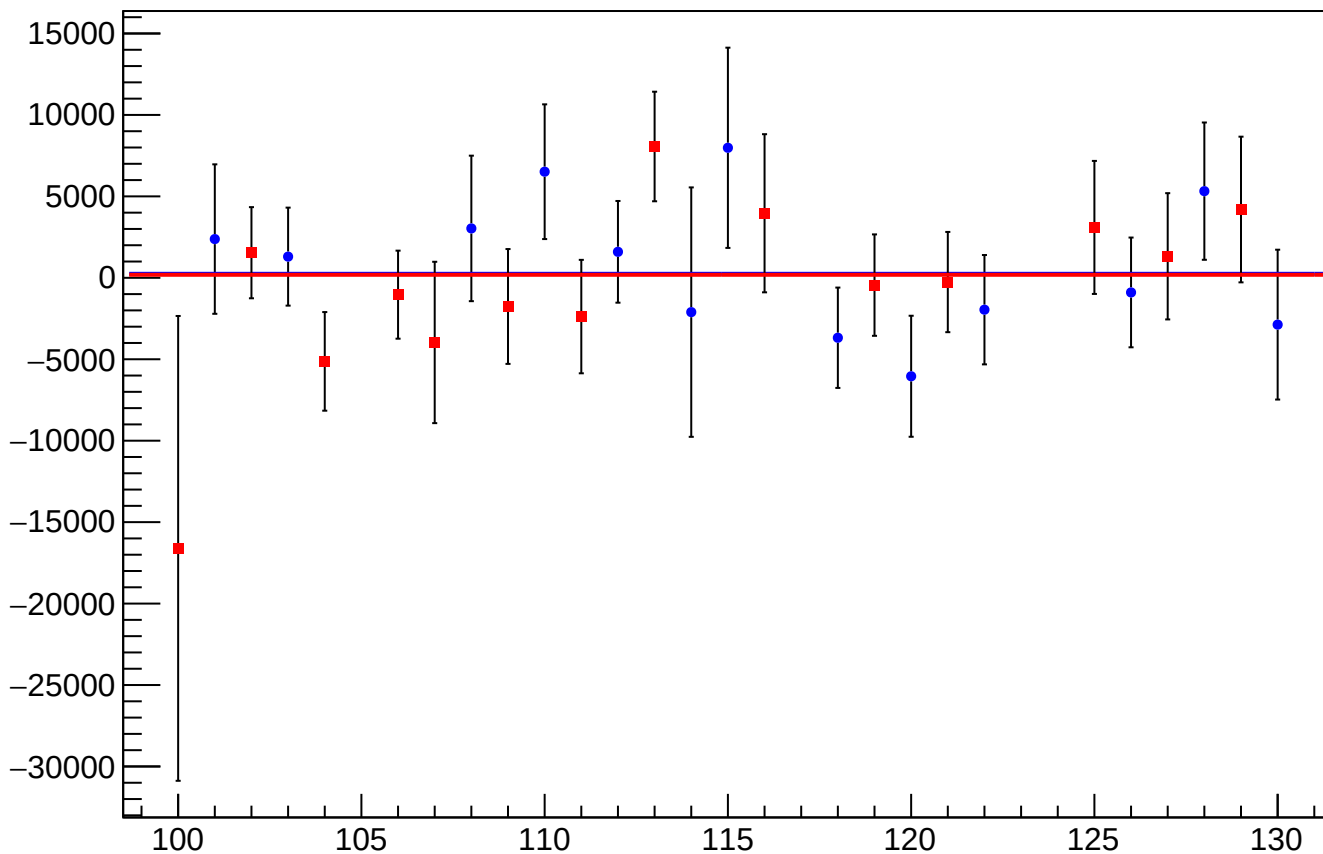
Right: 837.562+/-0.179 χ^2/NDF : 265090.7/26

In: 840.255+/-0.256 χ^2/NDF : 192615.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 837.562+/-0.179 χ^2/NDF : 265090.7/26

asym_usl_atl2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 245.625+/-1071.504 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 186.215+/-954.112 χ^2/NDF : 14.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

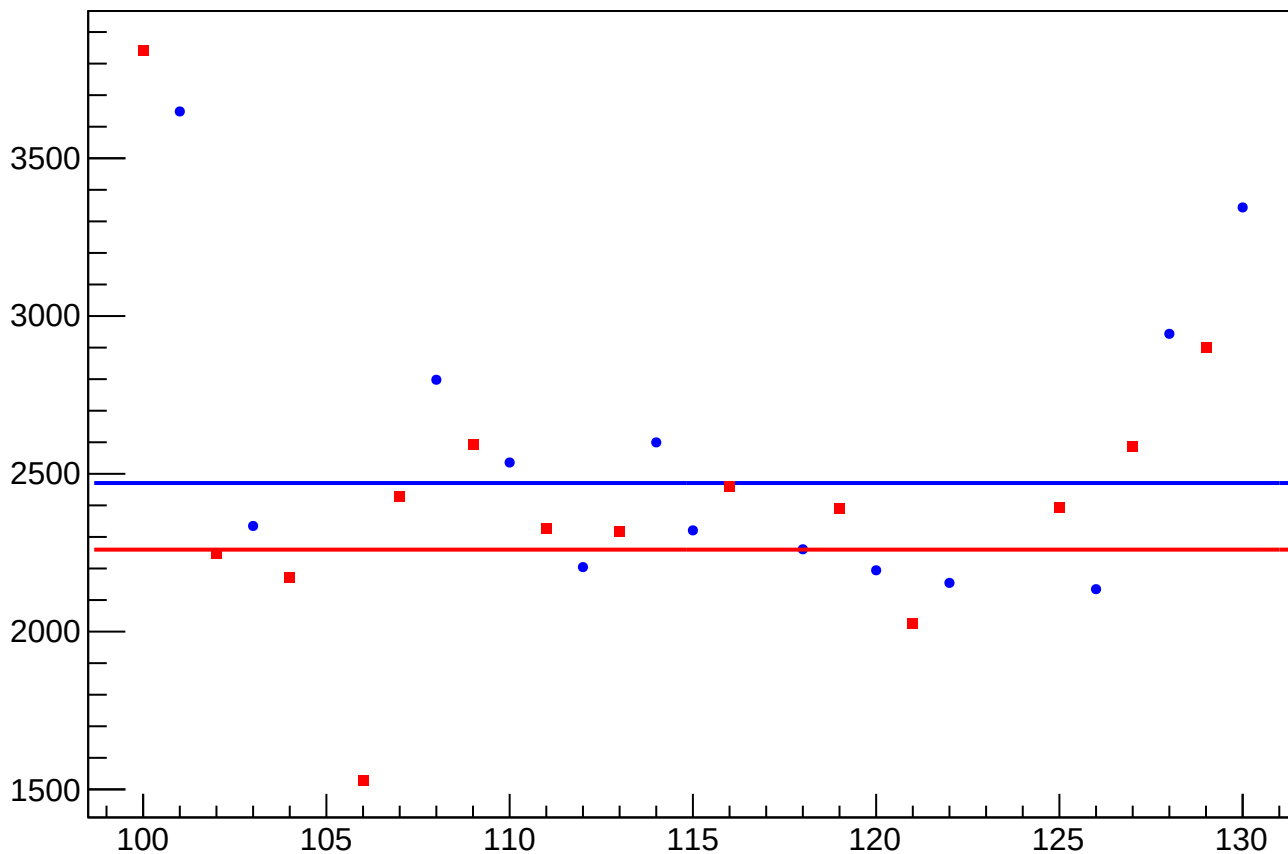
Right: 212.488+/-712.562 χ^2/NDF : 25.8/26

In: 245.625+/-1071.504 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 212.488+/-712.562 χ^2/NDF : 25.8/26

asym_usl_atl2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2470.860+/-0.758 χ^2/NDF : 318734.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2259.782+/-0.675 χ^2/NDF : 269852.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

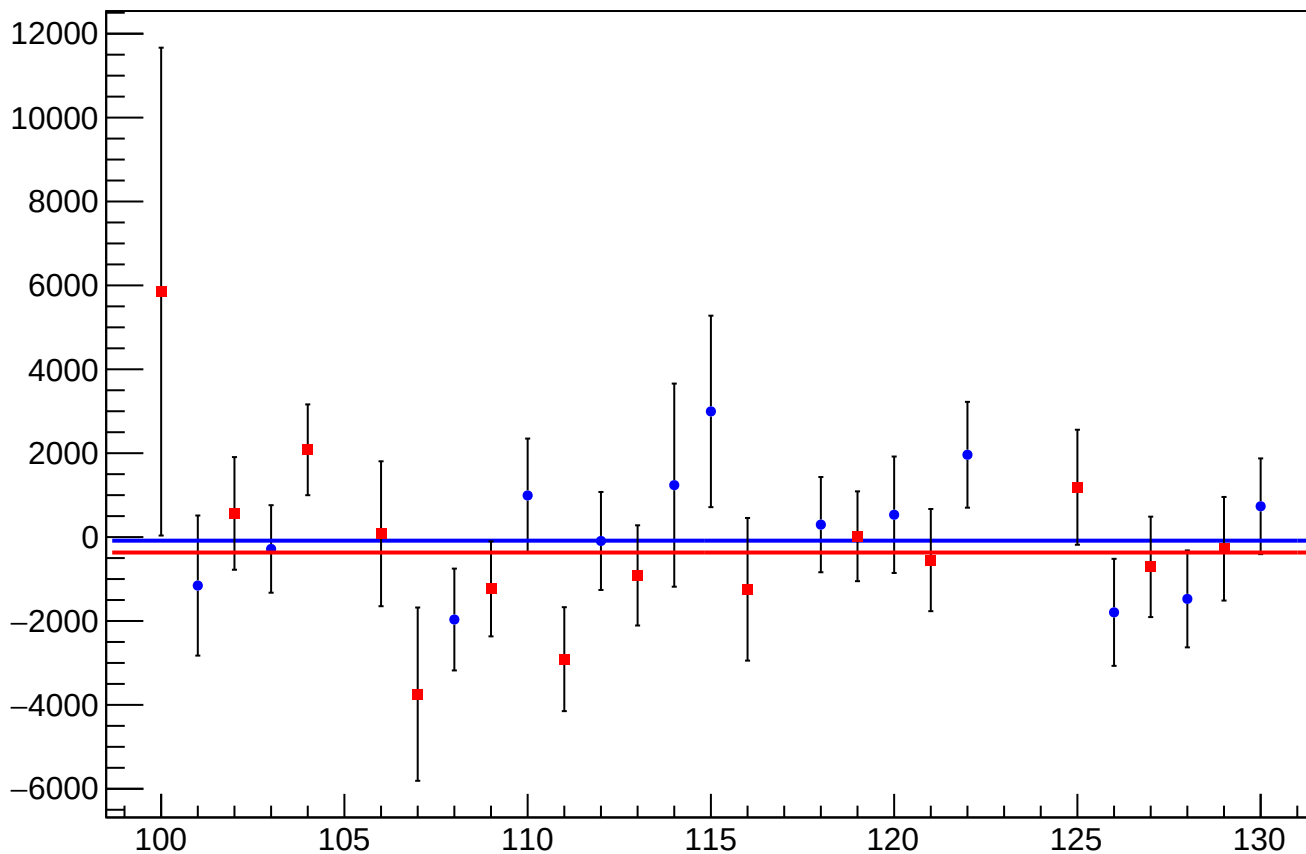
Right: 2353.129+/-0.504 χ^2/NDF : 631876.2/26

In: 2470.860+/-0.758 χ^2/NDF : 318734.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2353.129+/-0.504 χ^2/NDF : 631876.2/26

eigen_dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -85.138+/-361.520 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -367.972+/-355.391 χ^2/NDF : 16.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

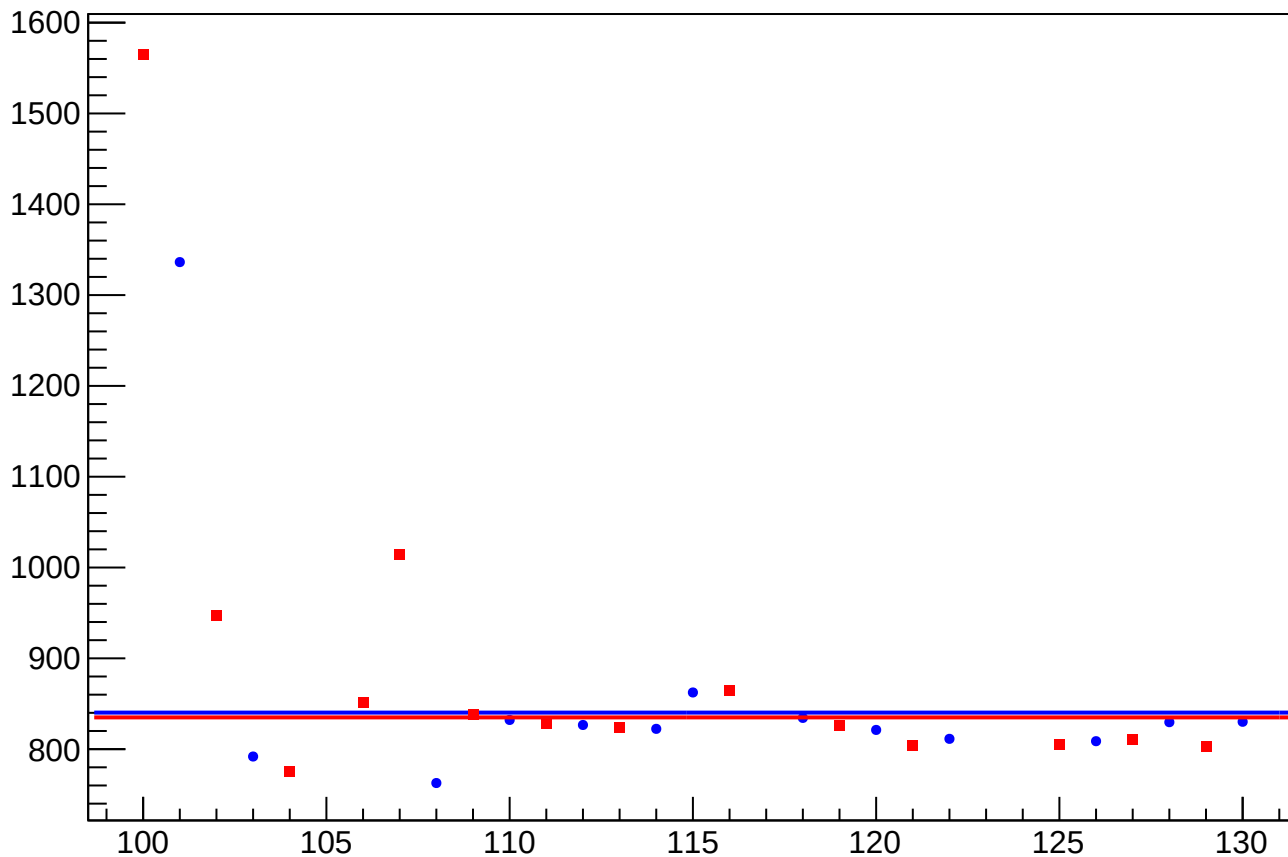
Right: -228.973+/-253.439 χ^2/NDF : 28.9/26

In: -85.138+/-361.520 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -228.973+/-253.439 χ^2/NDF : 28.9/26

eigen_dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 840.255+/-0.256 χ^2/NDF : 192614.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 834.967+/-0.251 χ^2/NDF : 72257.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

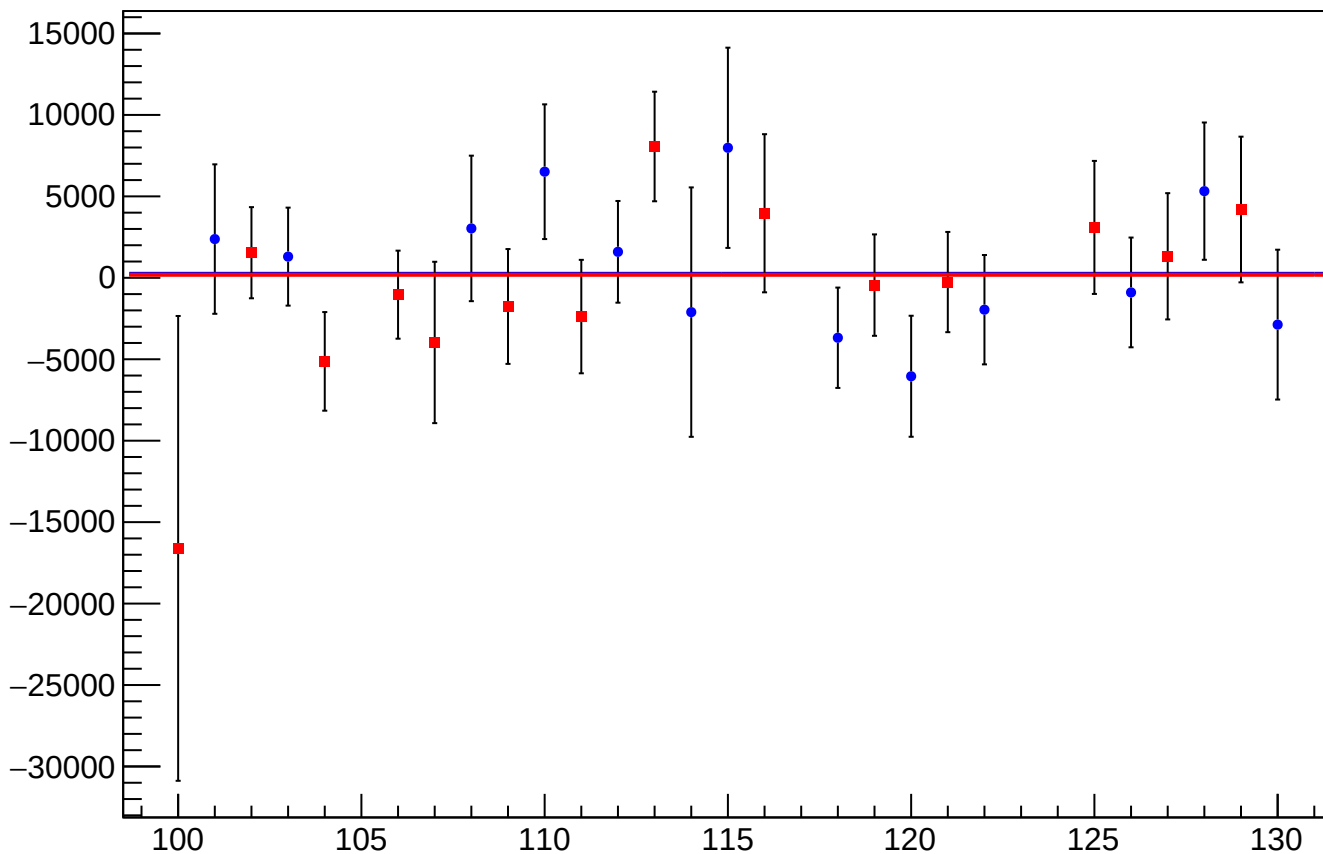
Right: 837.563+/-0.179 χ^2/NDF : 265090.2/26

In: 840.255+/-0.256 χ^2/NDF : 192614.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 837.563+/-0.179 χ^2/NDF : 265090.2/26

asym_usl_atl2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 245.620+/-1071.500 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 186.213+/-954.109 χ^2/NDF : 14.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

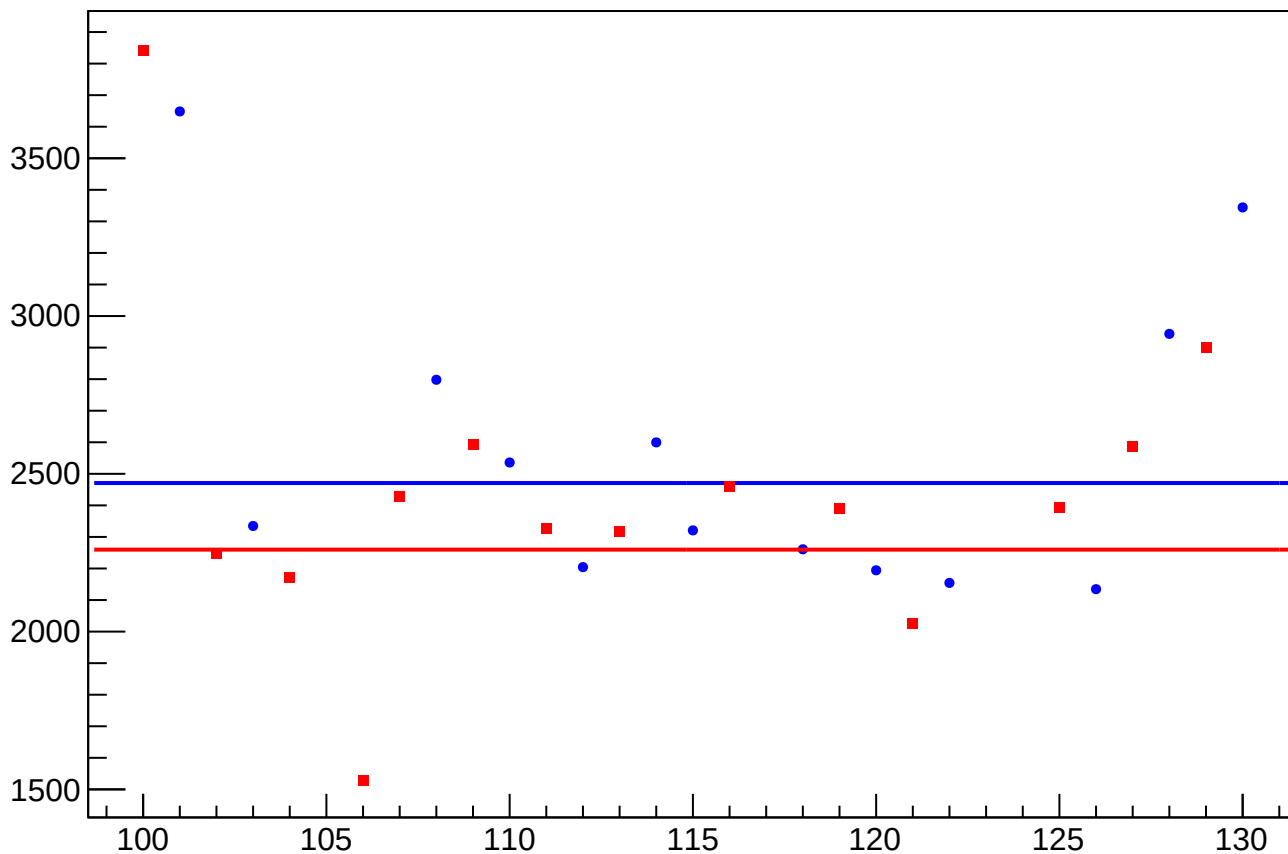
Right: 212.485+/-712.560 χ^2/NDF : 25.8/26

In: 245.620+/-1071.500 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 212.485+/-712.560 χ^2/NDF : 25.8/26

asym_usl_atl2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2470.851+/-0.758 χ^2/NDF : 318736.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2259.775+/-0.675 χ^2/NDF : 269853.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

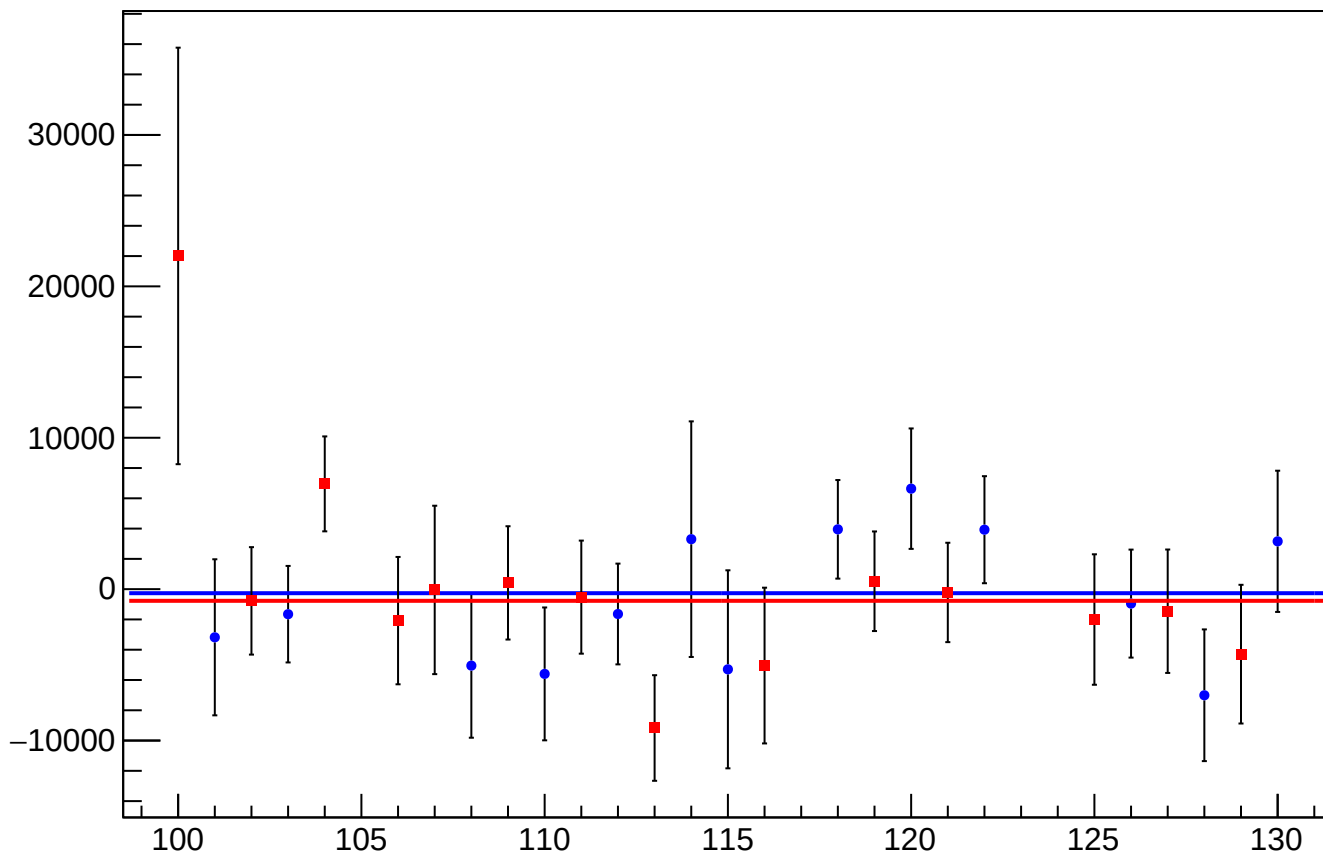
Right: 2353.121+/-0.504 χ^2/NDF : 631878.7/26

In: 2470.851+/-0.758 χ^2/NDF : 318736.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2353.121+/-0.504 χ^2/NDF : 631878.7/26

asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -266.752+/-1134.278 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -770.250+/-1062.744 χ^2/NDF : 16.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

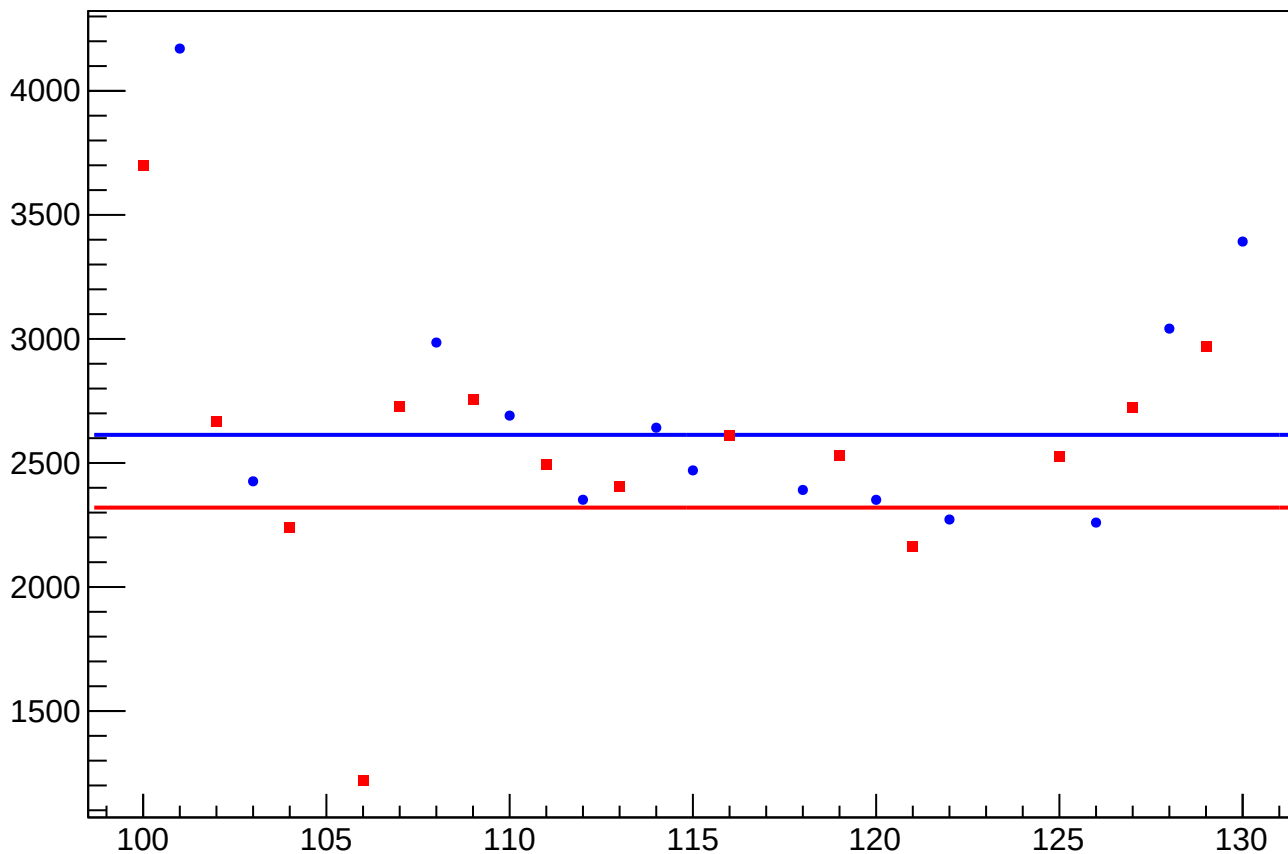
Right: -534.877+/-775.530 χ^2/NDF : 29.6/26

In: -266.752+/-1134.278 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -534.877+/-775.530 χ^2/NDF : 29.6/26

asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 2613.372+/-0.802 χ^2/NDF : 347137.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2320.115+/-0.712 χ^2/NDF : 547681.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

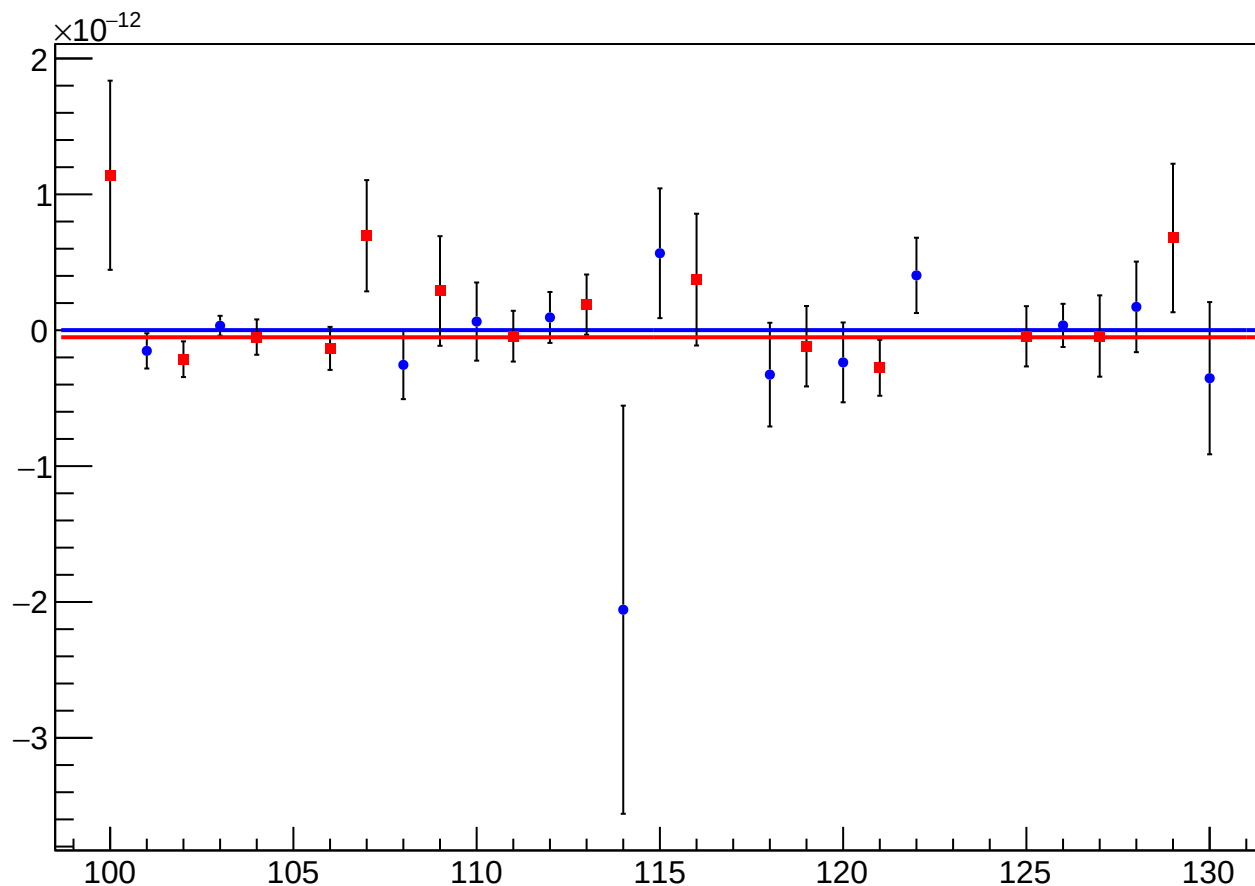
Right: 2449.395+/-0.533 χ^2/NDF : 969571.5/26

In: 2613.372+/-0.802 χ^2/NDF : 347137.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2449.395+/-0.533 χ^2/NDF : 969571.5/26

asym_usl_atl2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

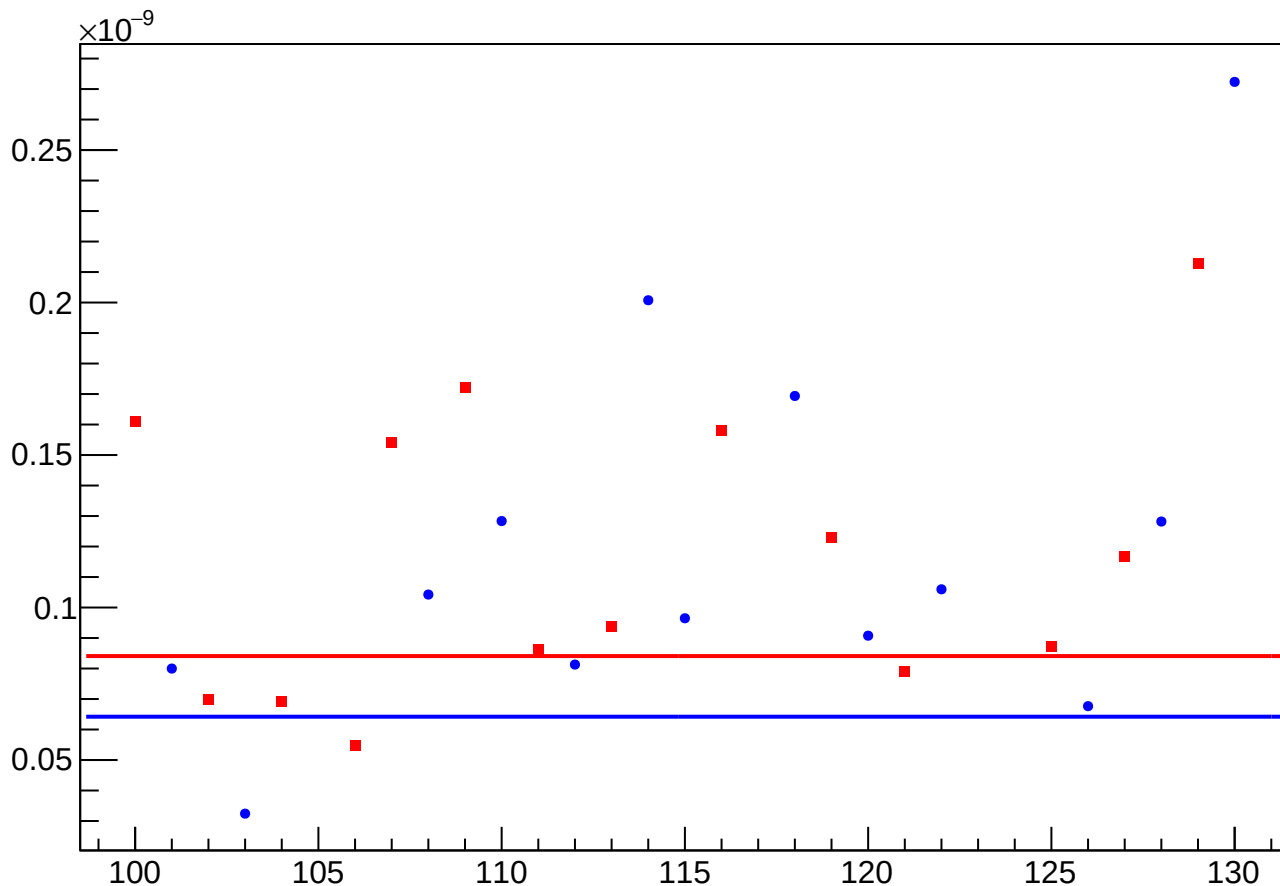
Right: -0.000+/-0.000 χ^2/NDF : 24.6/26

In: 0.000+/-0.000 χ^2/NDF : 10.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.6/26

asym_usl_atl2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1166650.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 517842.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

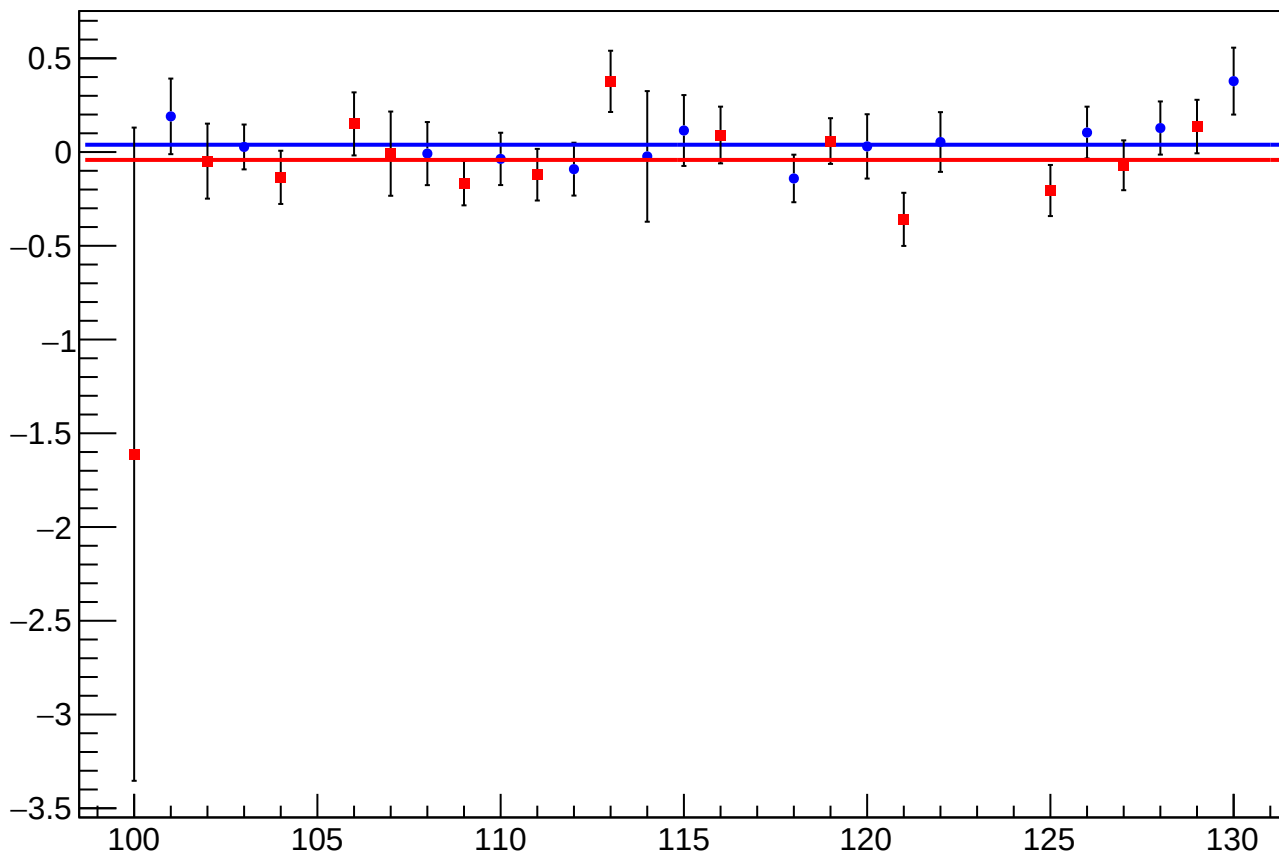
Right: 0.000+/-0.000 χ^2/NDF : 1817237.7/26

In: 0.000+/-0.000 χ^2/NDF : 1166650.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1817237.7/26

asym_usl_atl2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.039 $\pm$ 0.043 χ^2 /NDF: 8.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.042 $\pm$ 0.040 χ^2 /NDF: 20.1/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

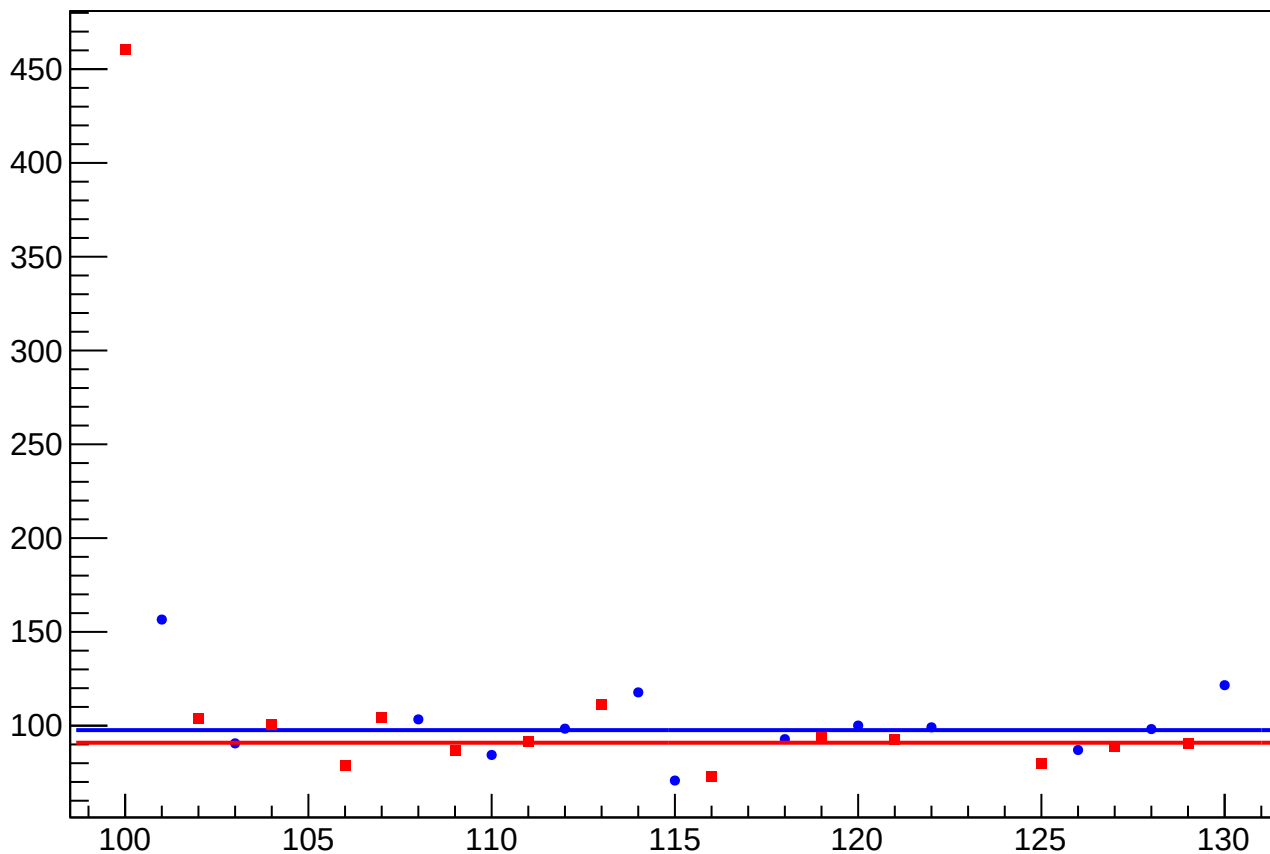
Right: -0.004 $\pm$ 0.030 χ^2 /NDF: 30.2/26

In: 0.039 $\pm$ 0.043 χ^2 /NDF:8.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.030 χ^2 /NDF: 30.2/26

asym_usl_atl2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 97.635+/-0.031 χ^2/NDF : 296705.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.916+/-0.029 χ^2/NDF : 201095.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

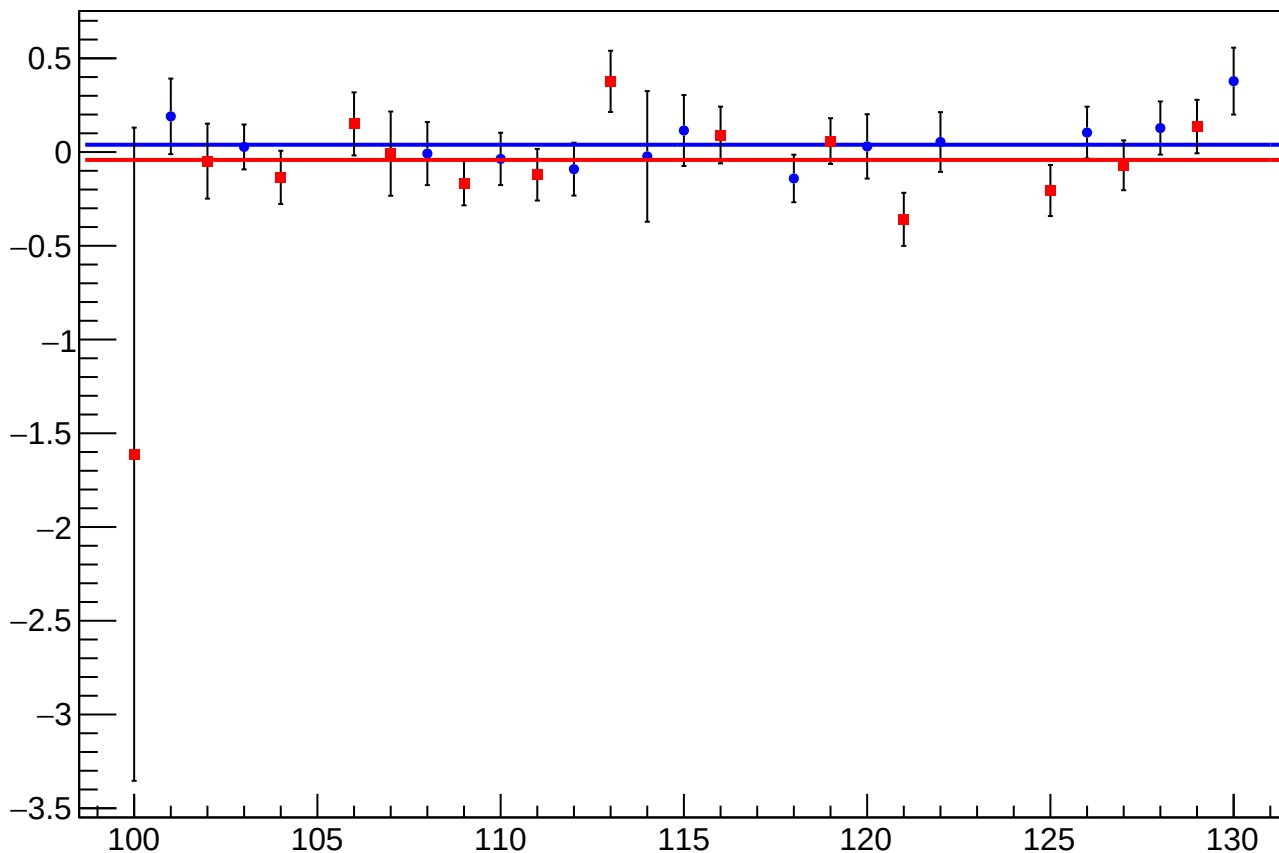
Right: 94.056+/-0.021 χ^2/NDF : 523625.9/26

In: 97.635+/-0.031 χ^2/NDF : 296705.6/12

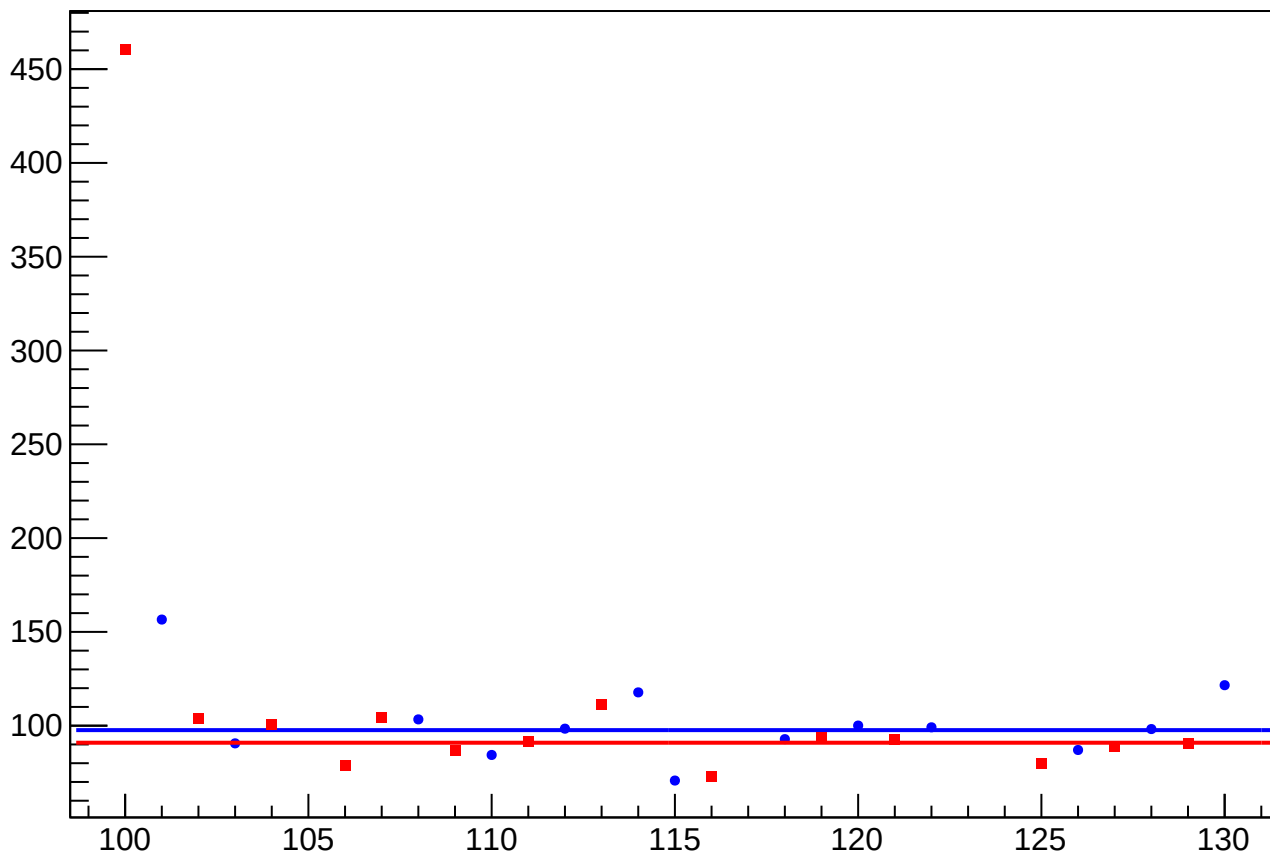
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.056+/-0.021 χ^2/NDF : 523625.9/26

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



asym_usl_atl2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 97.635 $\pm$ 0.031 χ^2 /NDF: 296705.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 90.916 $\pm$ 0.029 χ^2 /NDF: 201095.4/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

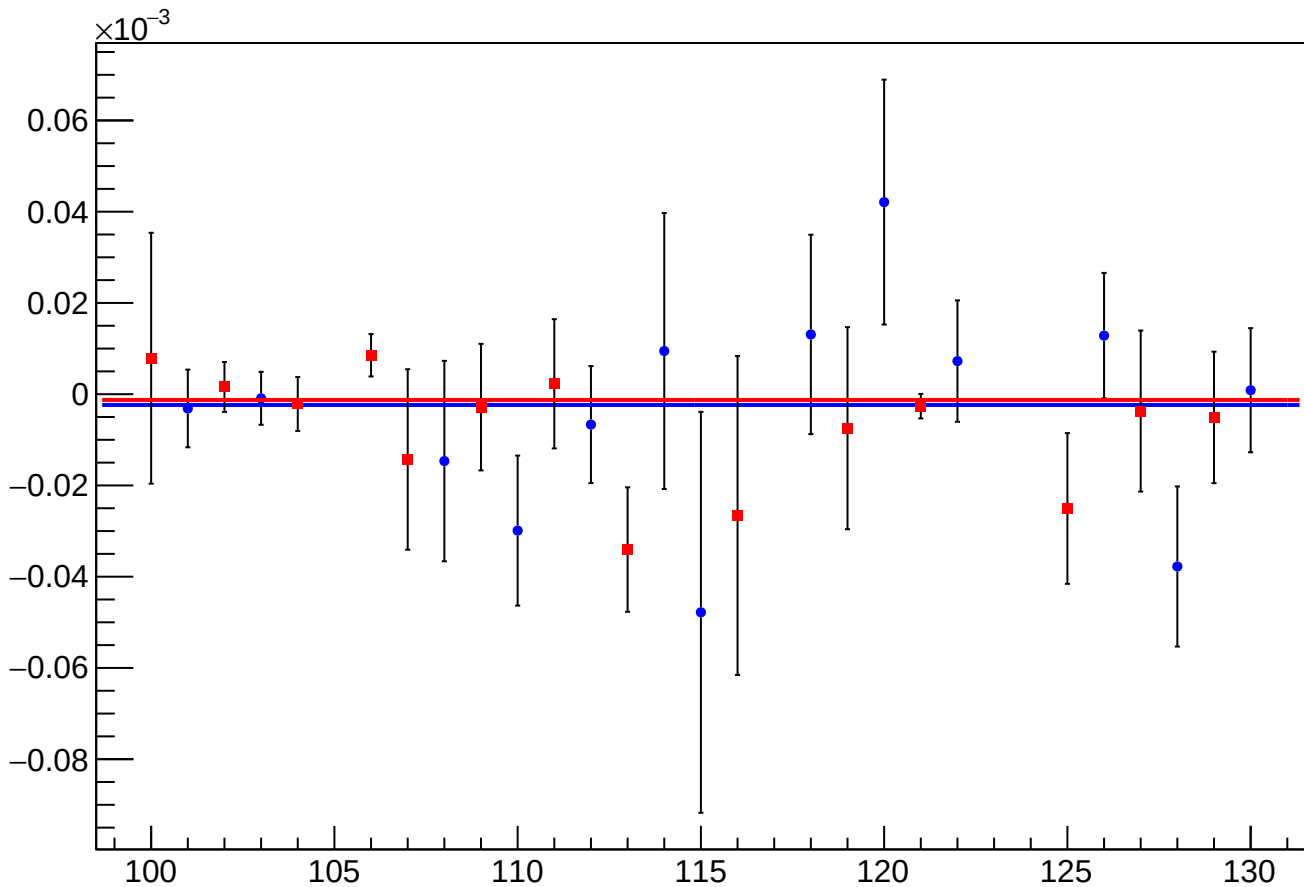
Right: 94.056 $\pm$ 0.021 χ^2 /NDF: 523625.9/26

In: 97.635 $\pm$ 0.031 χ^2 /NDF:296705.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 94.056 $\pm$ 0.021 χ^2 /NDF: 523625.9/26

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 14.2/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

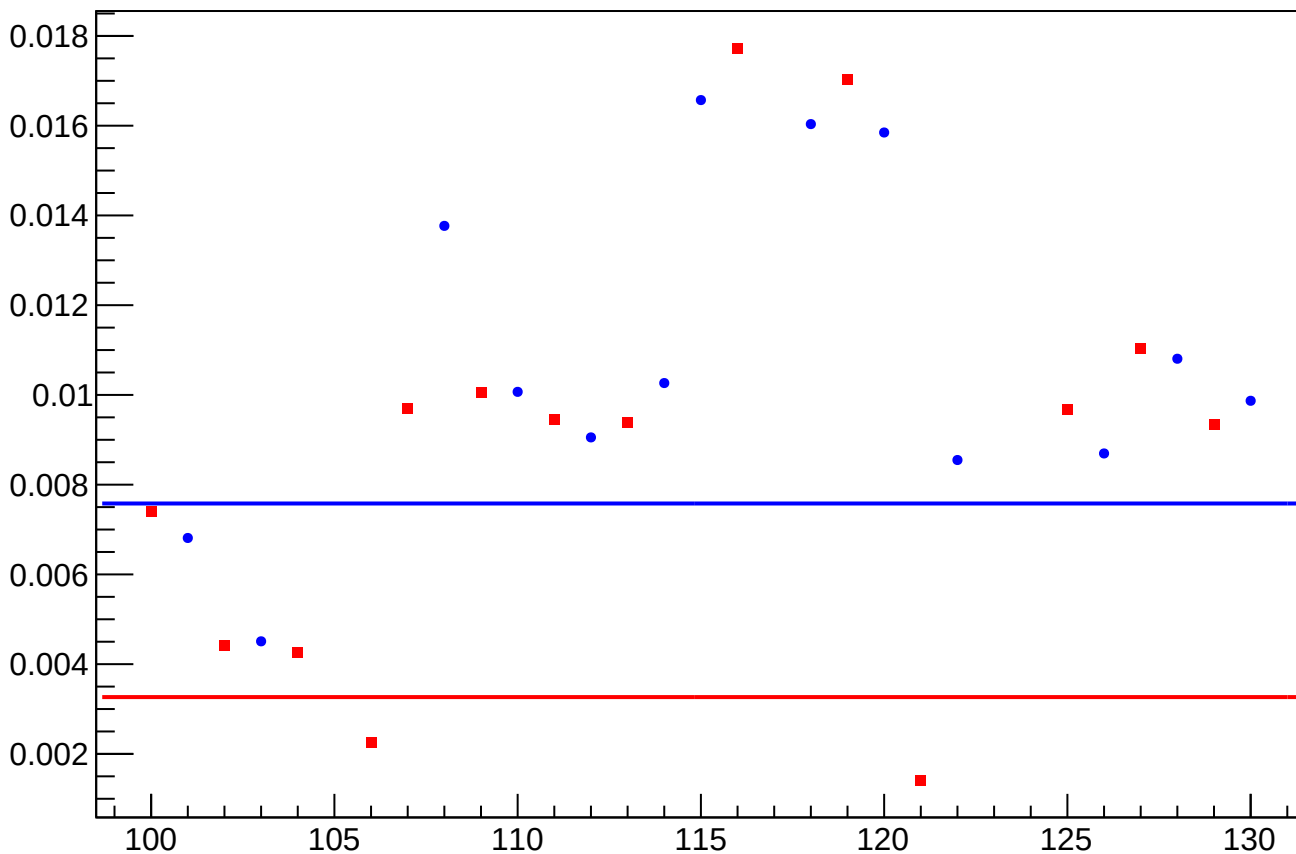
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 27.9/26

In: -0.000 $\pm$ 0.000 χ^2 /NDF:13.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 27.9/26

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 1545334.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 4882897.4/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

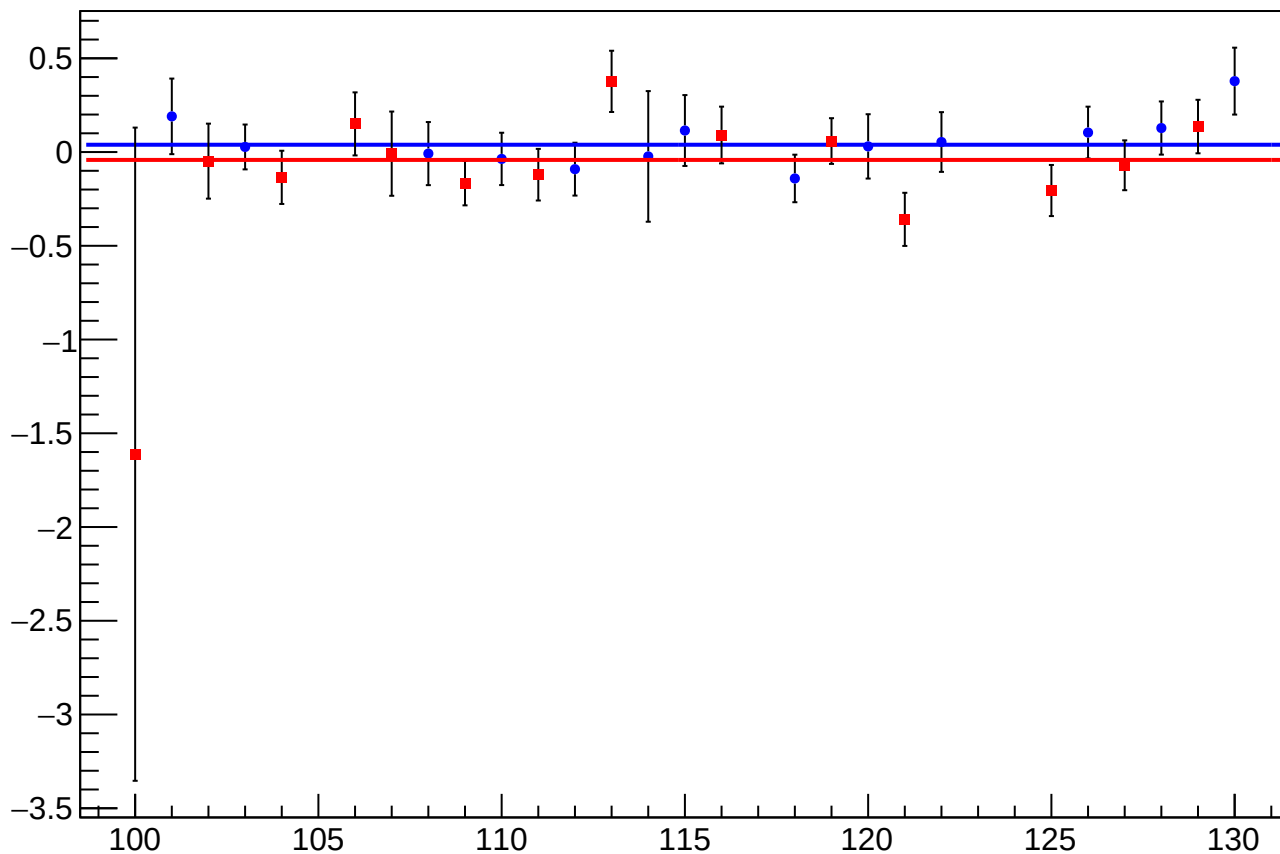
Right: 0.004+/-0.000 χ^2/NDF : 8748661.7/26

In: 0.008+/-0.000 χ^2/NDF :1545334.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 8748661.7/26

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.039 $\pm$ 0.043 χ^2 /NDF: 8.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.042 $\pm$ 0.040 χ^2 /NDF: 20.1/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

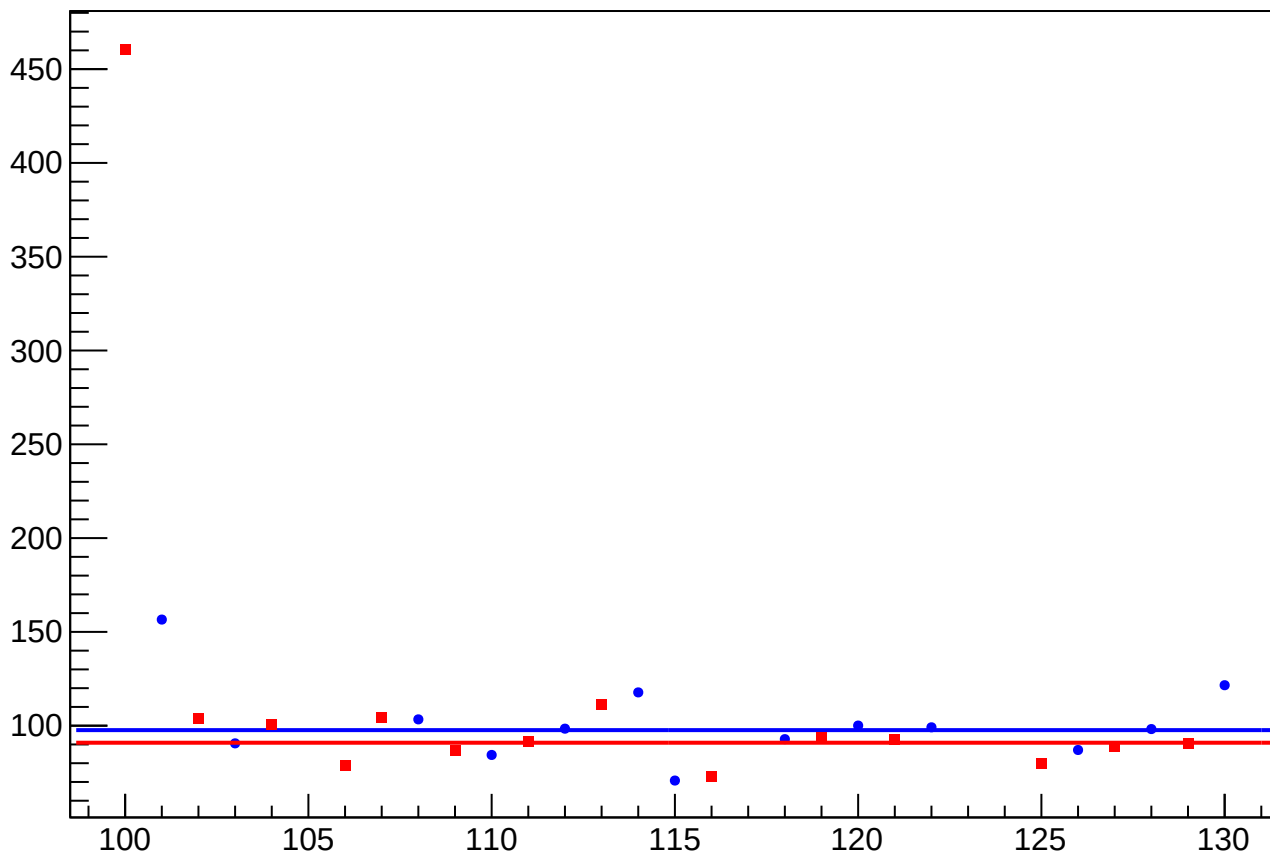
Right: -0.004 $\pm$ 0.030 χ^2 /NDF: 30.2/26

In: 0.039 $\pm$ 0.043 χ^2 /NDF:8.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.030 χ^2 /NDF: 30.2/26

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 97.636+/-0.031 χ^2/NDF : 296658.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.917+/-0.029 χ^2/NDF : 201054.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

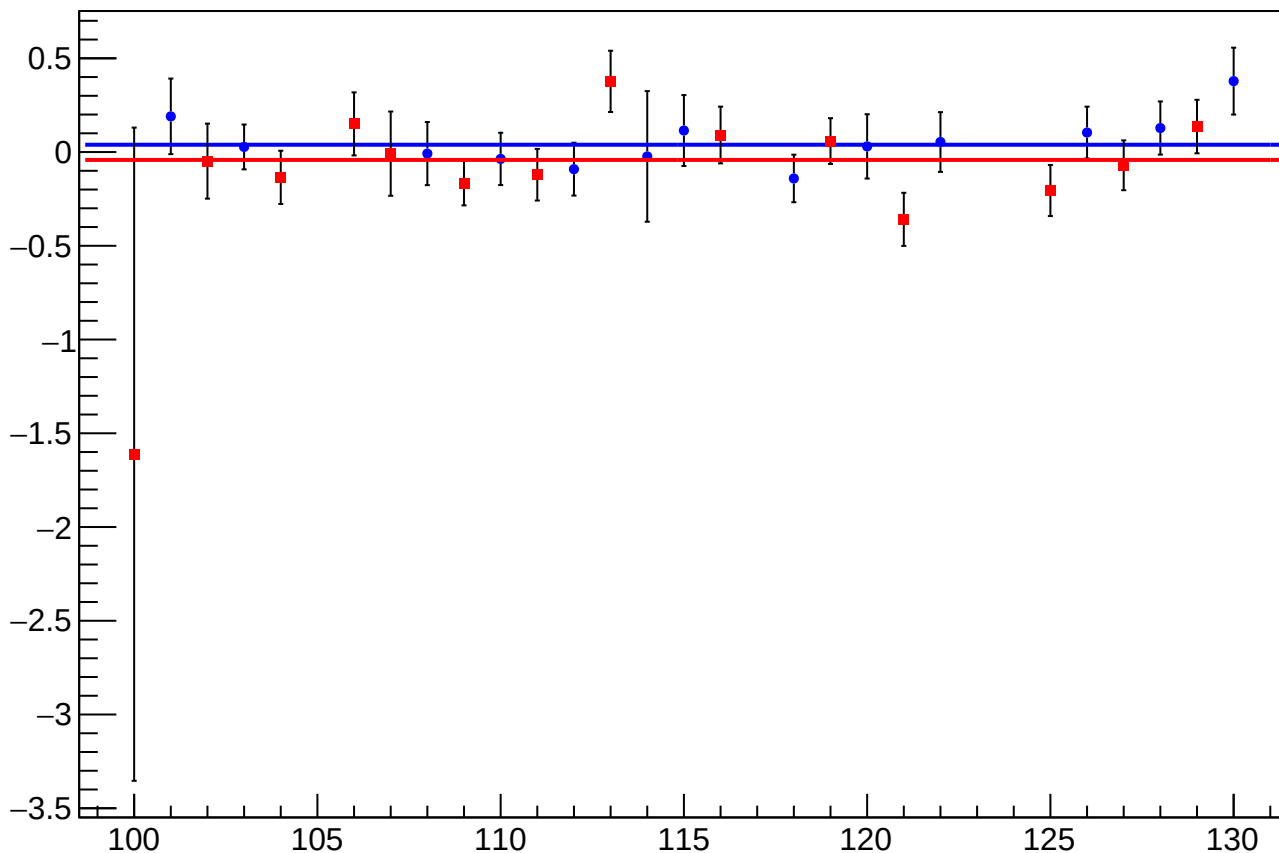
Right: 94.057+/-0.021 χ^2/NDF : 523533.2/26

In: 97.636+/-0.031 χ^2/NDF : 296658.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.057+/-0.021 χ^2/NDF : 523533.2/26

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.039 $\pm$ 0.043 χ^2/NDF : 8.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.042 $\pm$ 0.040 χ^2/NDF : 20.1/13

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

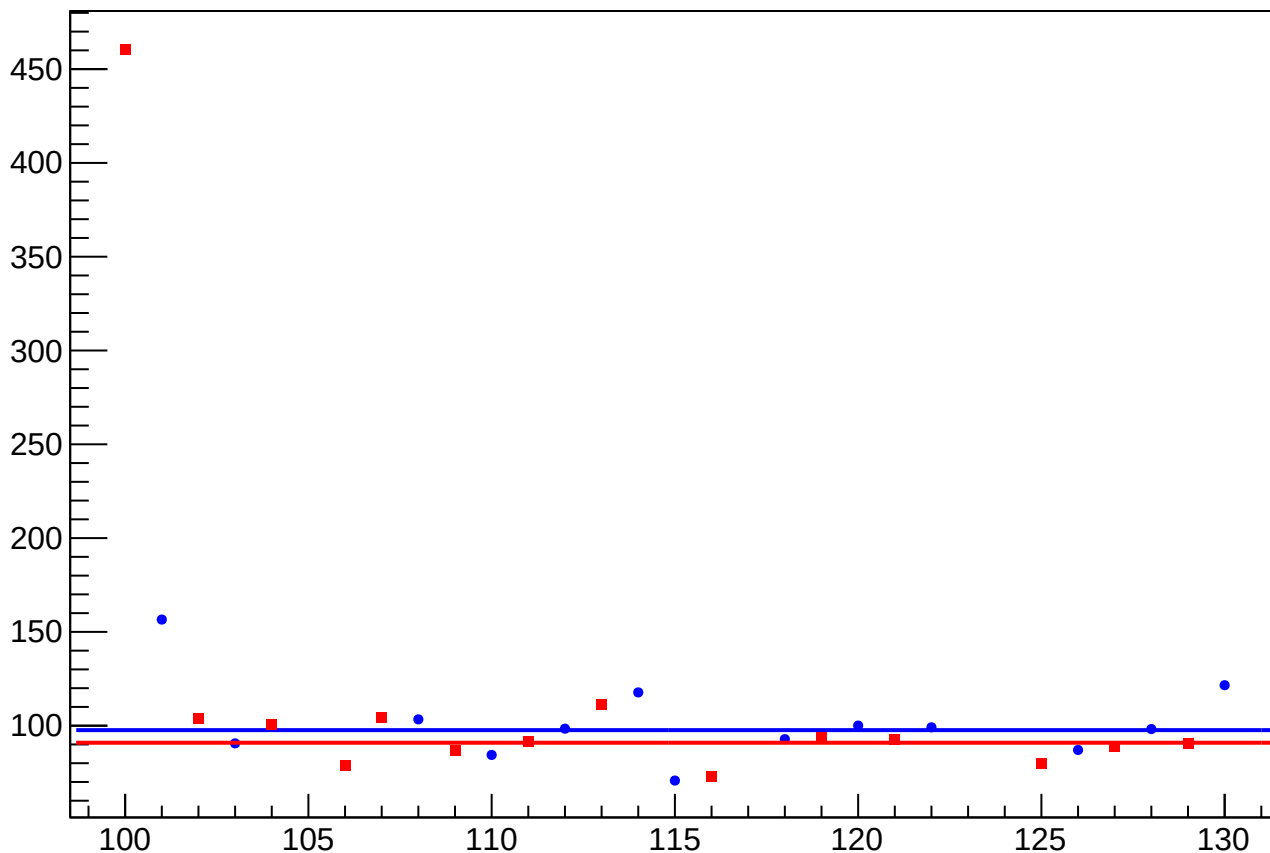
Right: -0.004 $\pm$ 0.030 χ^2/NDF : 30.2/26

In: 0.039 $\pm$ 0.043 χ^2/NDF : 8.2/12

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.004 $\pm$ 0.030 χ^2/NDF : 30.2/26

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 97.636+/-0.031 χ^2 /NDF: 296658.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 90.917+/-0.029 χ^2 /NDF: 201054.1/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

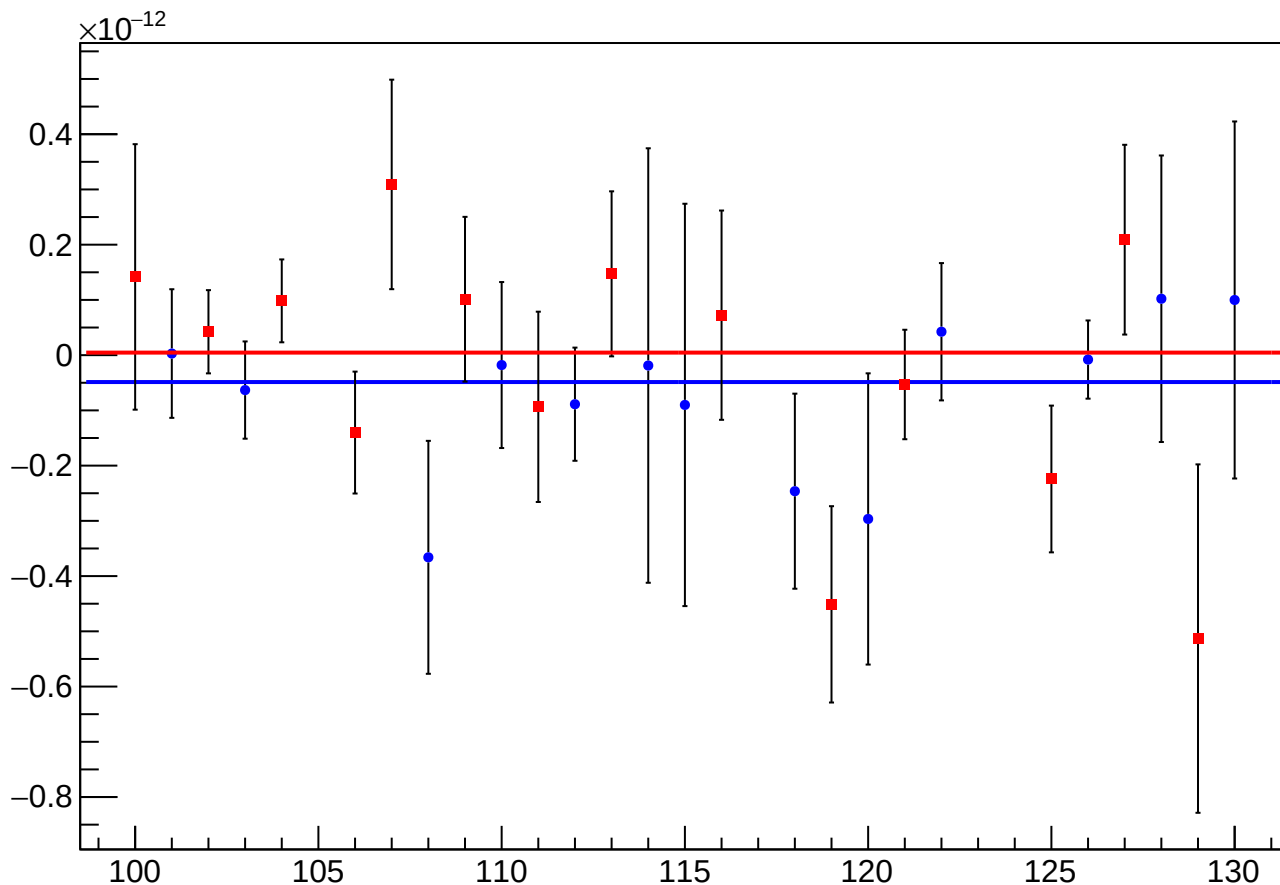
Right: 94.057+/-0.021 χ^2 /NDF: 523533.2/26

In: 97.636+/-0.031 χ^2 /NDF:296658.4/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 94.057+/-0.021 χ^2 /NDF: 523533.2/26

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 22.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

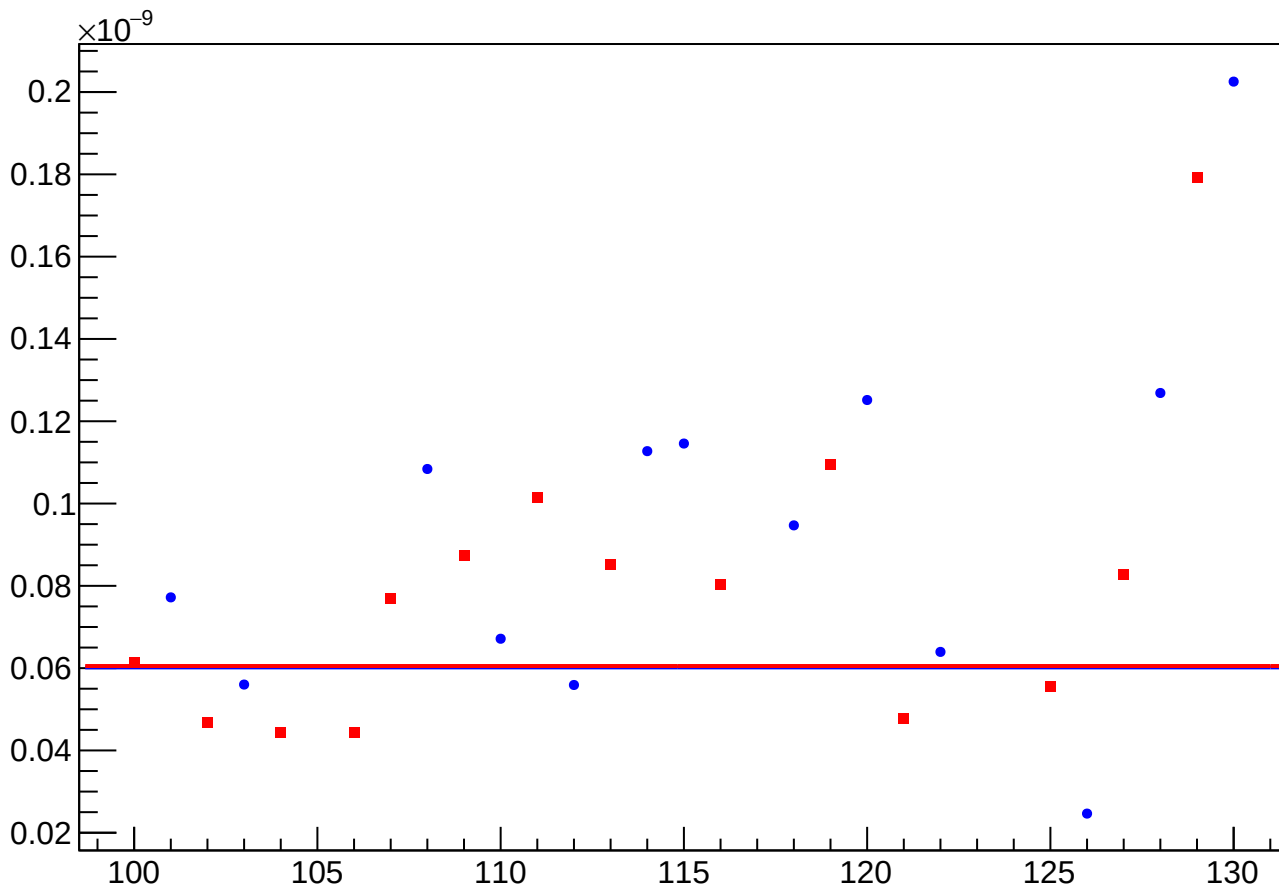
Right: -0.000+/-0.000 χ^2/NDF : 29.6/26

In: -0.000+/-0.000 χ^2/NDF : 6.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.6/26

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1463635.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 977958.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

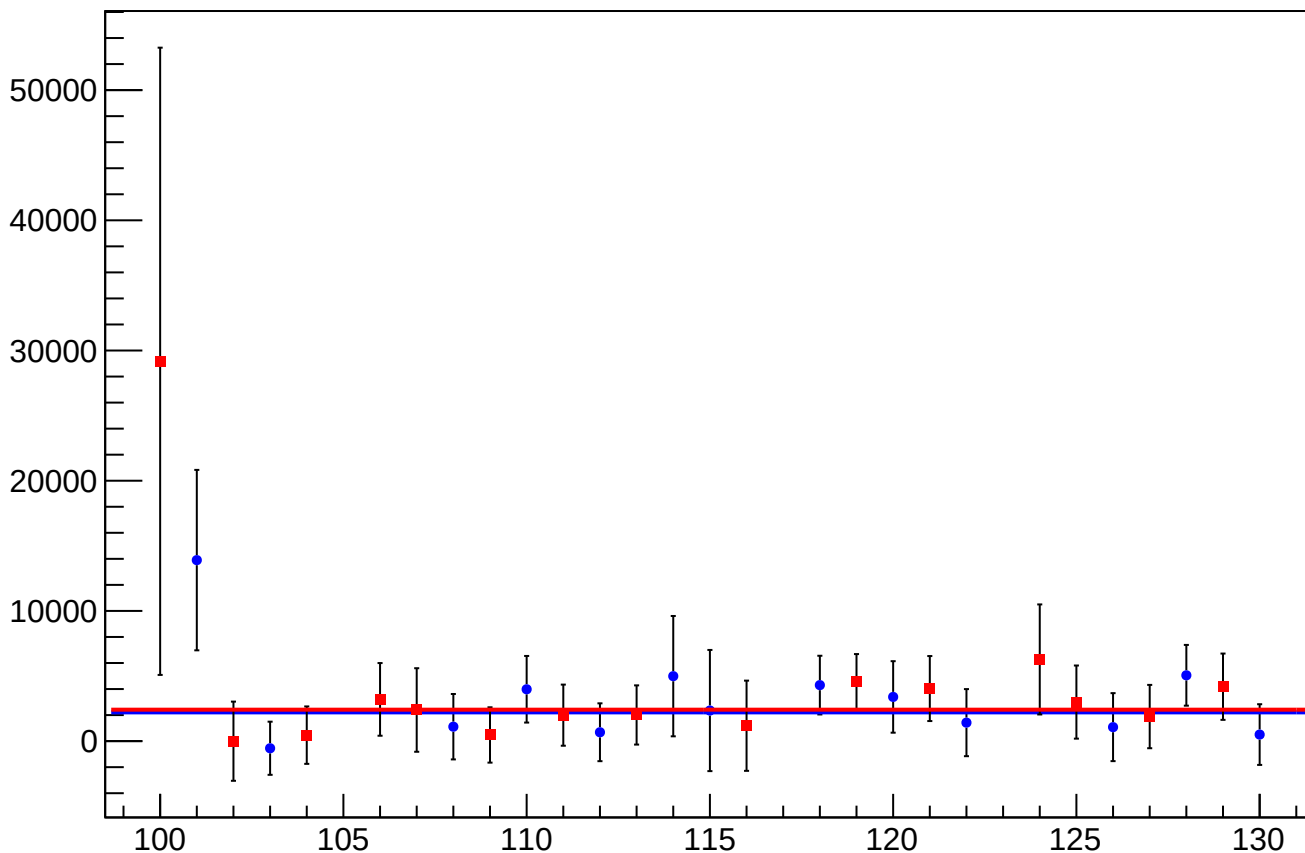
Right: 0.000+/-0.000 χ^2/NDF : 2441678.5/26

In: 0.000+/-0.000 χ^2/NDF : 1463635.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2441678.5/26

reg_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2207.938+/-732.728 χ^2/NDF : 9.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2415.550+/-688.625 χ^2/NDF : 6.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

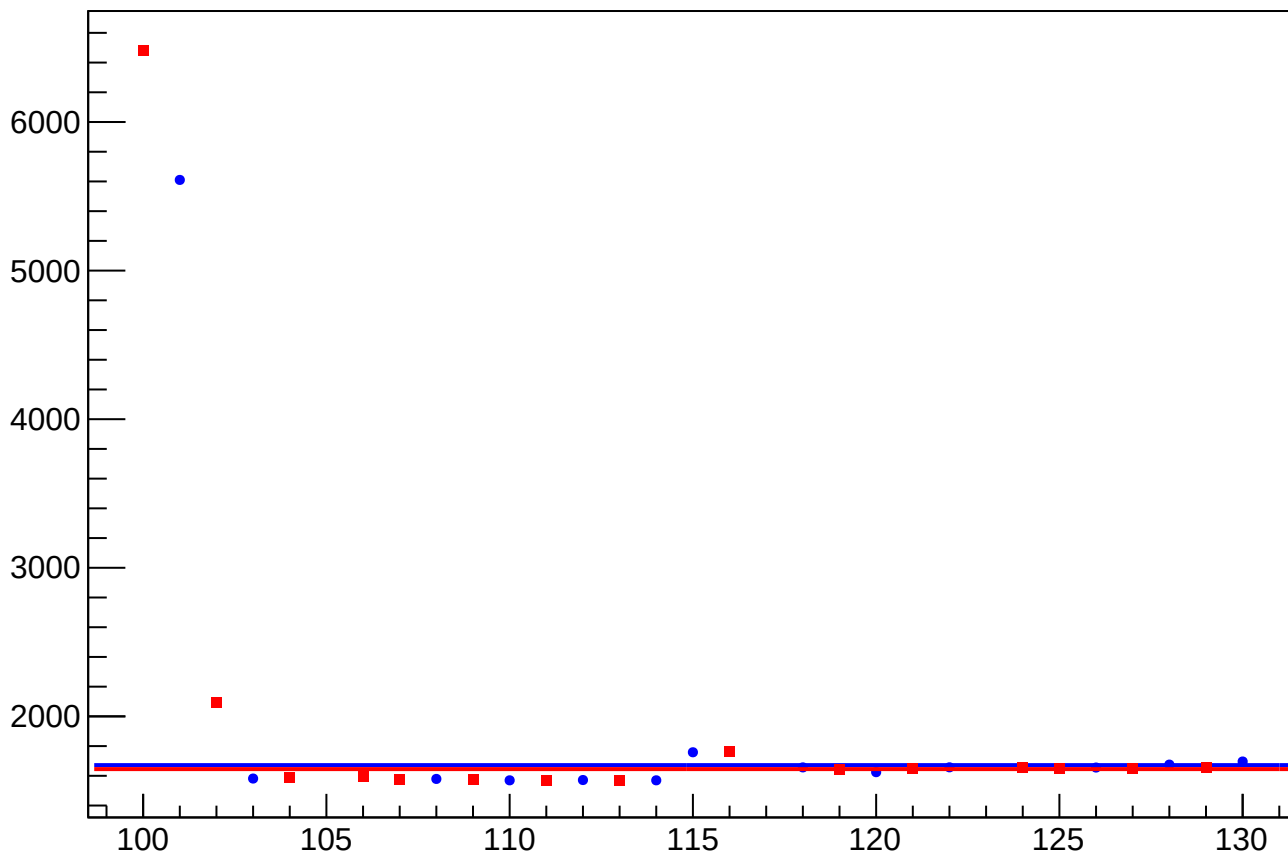
Right: 2318.180+/-501.799 χ^2/NDF : 16.2/27

In: 2207.938+/-732.728 χ^2/NDF : 9.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2318.180+/-501.799 χ^2/NDF : 16.2/27

reg_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1671.997+/-0.518 χ^2/NDF : 662810.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1645.176+/-0.487 χ^2/NDF : 136416.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

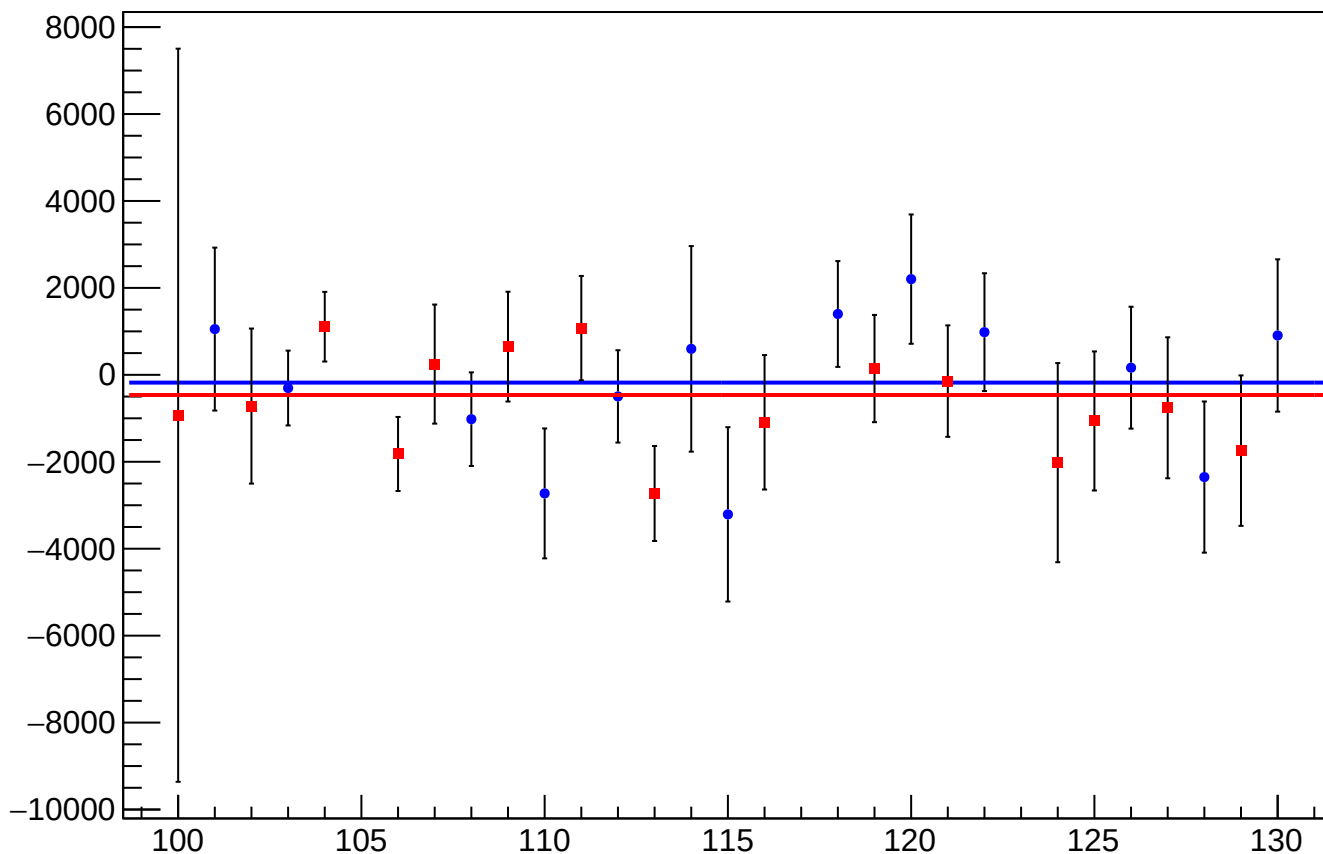
Right: 1657.755+/-0.355 χ^2/NDF : 800649.9/27

In: 1671.997+/-0.518 χ^2/NDF : 662810.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1657.755+/-0.355 χ^2/NDF : 800649.9/27

asym_usr_atr1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -178.557 ± 375.411 χ^2/NDF : 13.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -463.811 ± 334.530 χ^2/NDF : 15.0/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

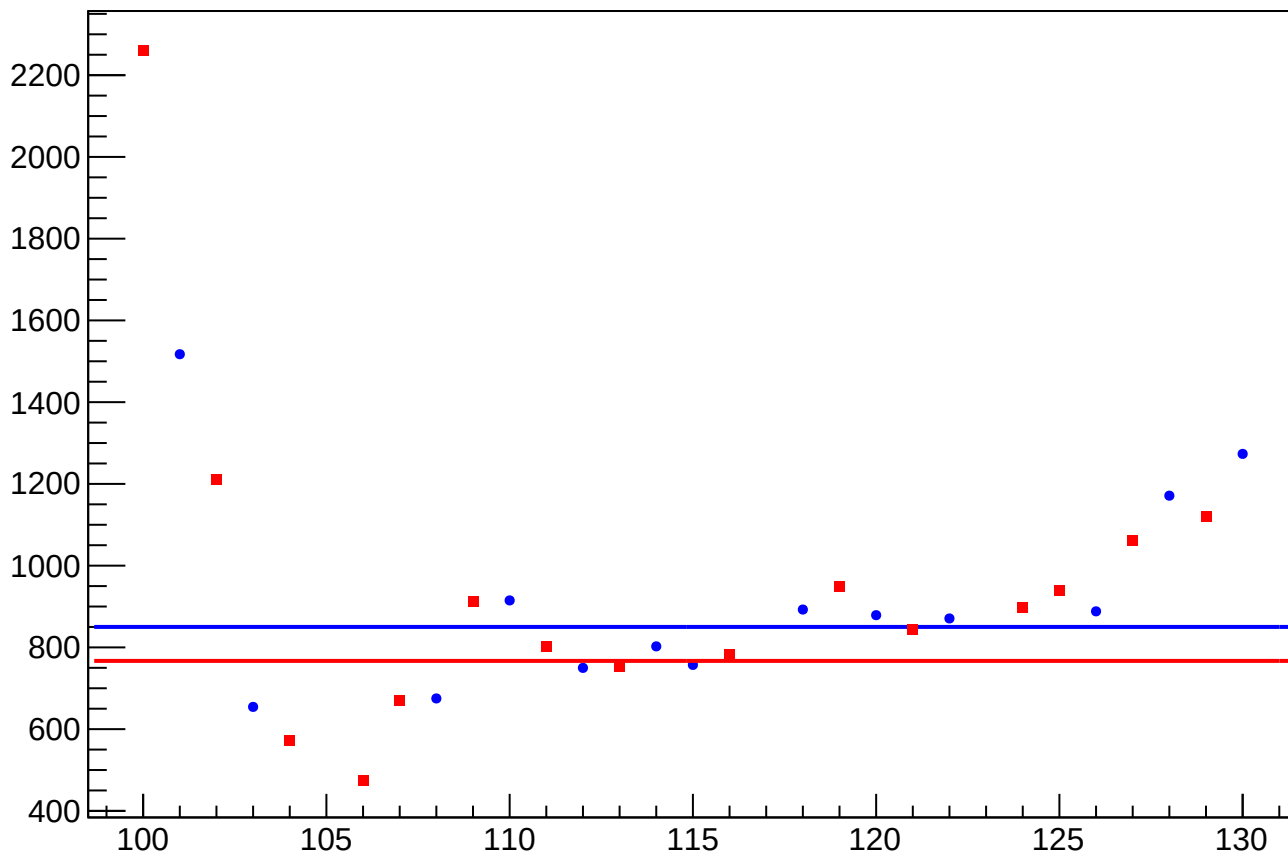
Right: -337.556 ± 249.756 χ^2/NDF : 28.8/27

In: -178.557 ± 375.411 χ^2/NDF : 13.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -337.556 ± 249.756 χ^2/NDF : 28.8/27

asym_usr_atr1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 850.086+/-0.265 χ^2/NDF : 626432.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 766.969+/-0.237 χ^2/NDF : 810179.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

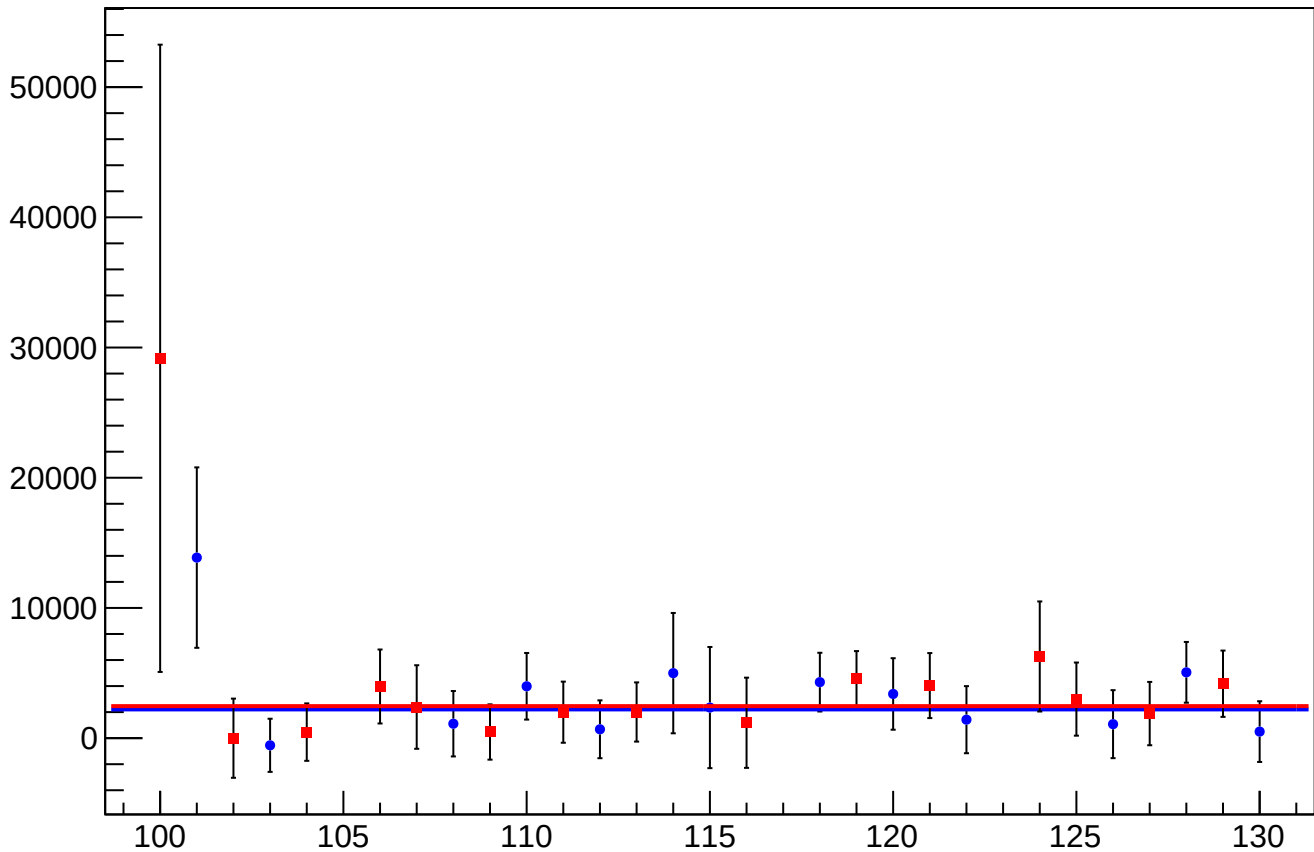
Right: 803.757+/-0.177 χ^2/NDF : 1491257.4/27

In: 850.086+/-0.265 χ^2/NDF : 626432.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 803.757+/-0.177 χ^2/NDF : 1491257.4/27

cor_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2207.247+/-732.728 χ^2/NDF : 9.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2459.336+/-689.347 χ^2/NDF : 6.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

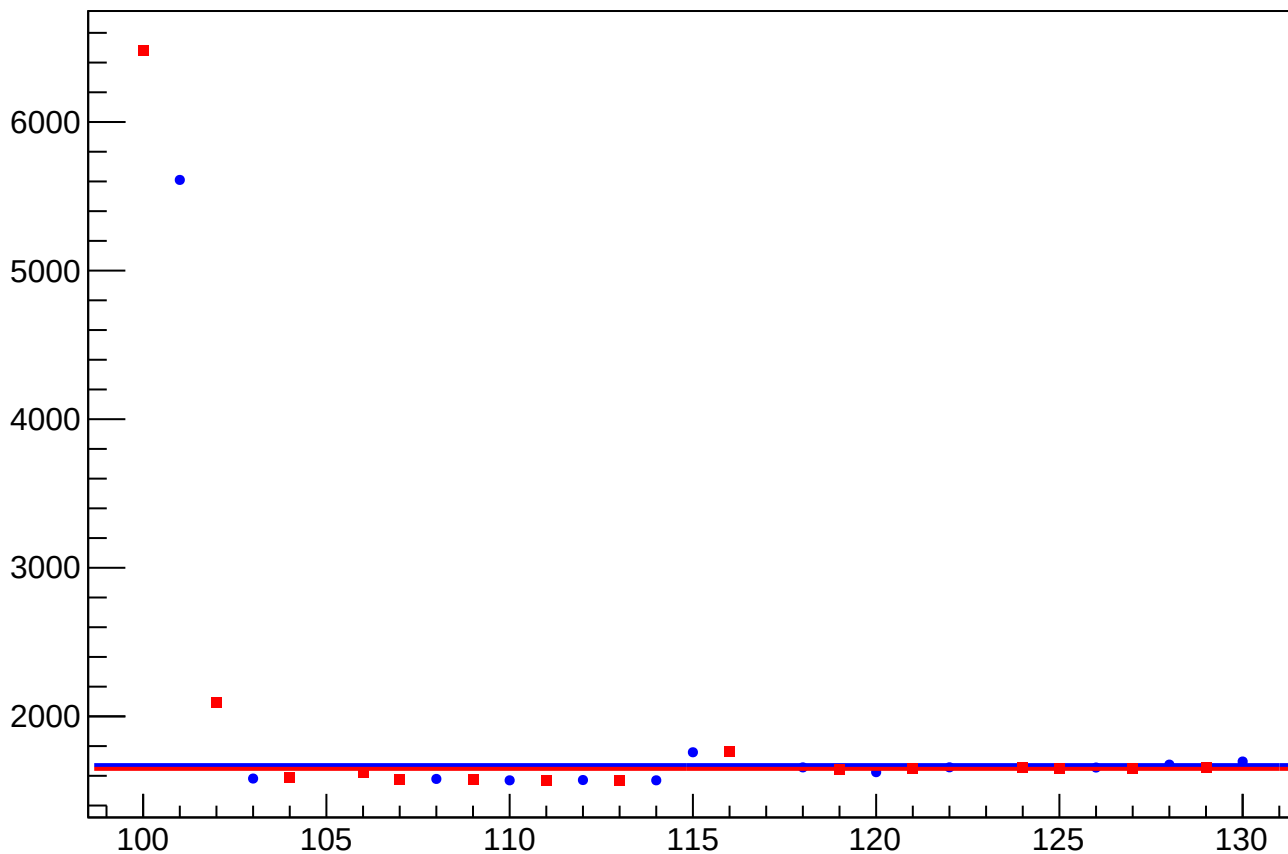
Right: 2340.975+/-502.078 χ^2/NDF : 16.4/27

In: 2207.247+/-732.728 χ^2/NDF :9.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2340.975+/-502.078 χ^2/NDF : 16.4/27

cor_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1671.997 $\pm$ 0.518 χ^2 /NDF: 662810.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1646.845 $\pm$ 0.487 χ^2 /NDF: 135874.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

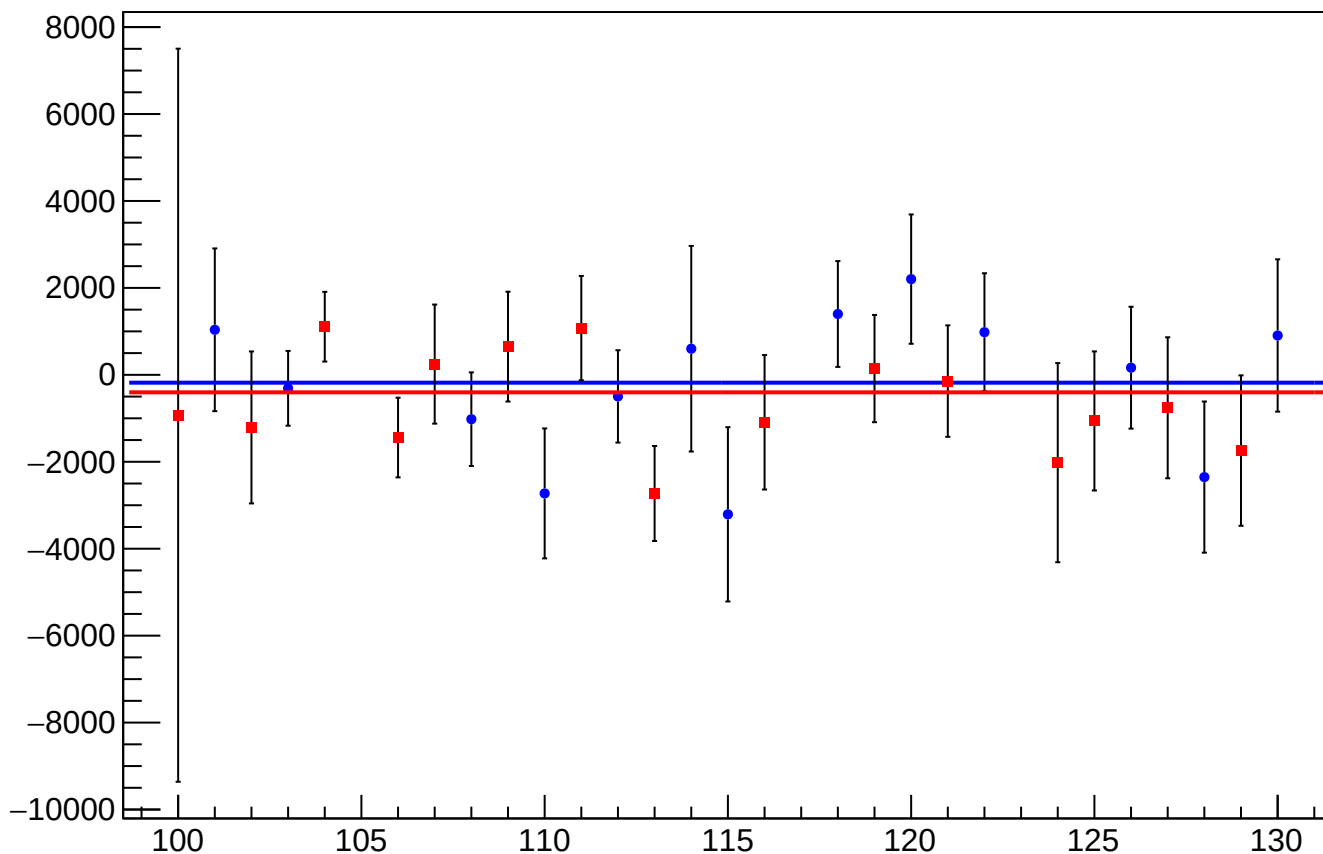
Right: 1658.654 $\pm$ 0.355 χ^2 /NDF: 799934.8/27

In: 1671.997 $\pm$ 0.518 χ^2 /NDF: 662810.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1658.654 $\pm$ 0.355 χ^2 /NDF: 799934.8/27

asym_usr_atr1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -180.238 ± 375.352 χ^2/NDF : 13.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -402.359 ± 337.922 χ^2/NDF : 13.8/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

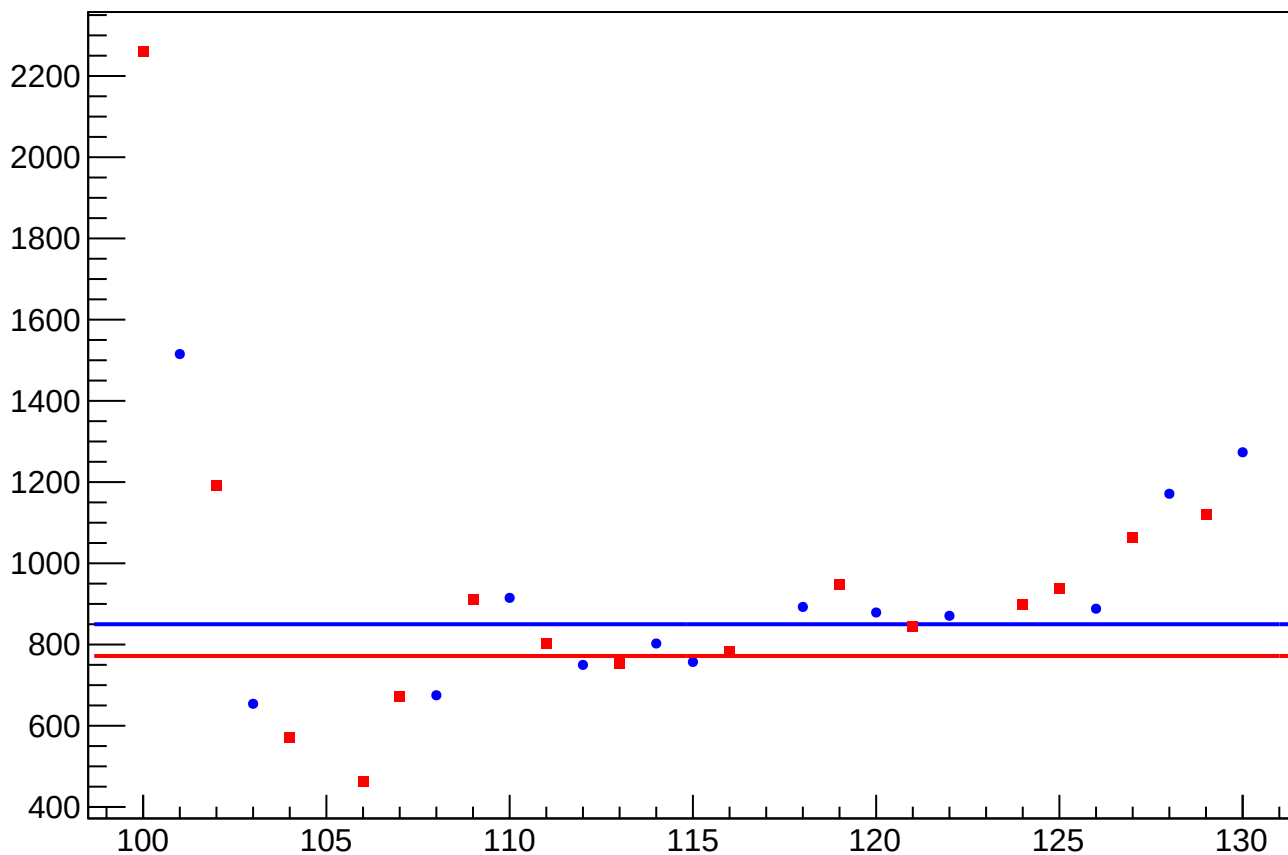
Right: -302.922 ± 251.140 χ^2/NDF : 27.4/27

In: -180.238 ± 375.352 χ^2/NDF : 13.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -302.922 ± 251.140 χ^2/NDF : 27.4/27

asym_usr_atr1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 849.980+/-0.265 χ^2/NDF : 626071.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 771.841+/-0.239 χ^2/NDF : 787176.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

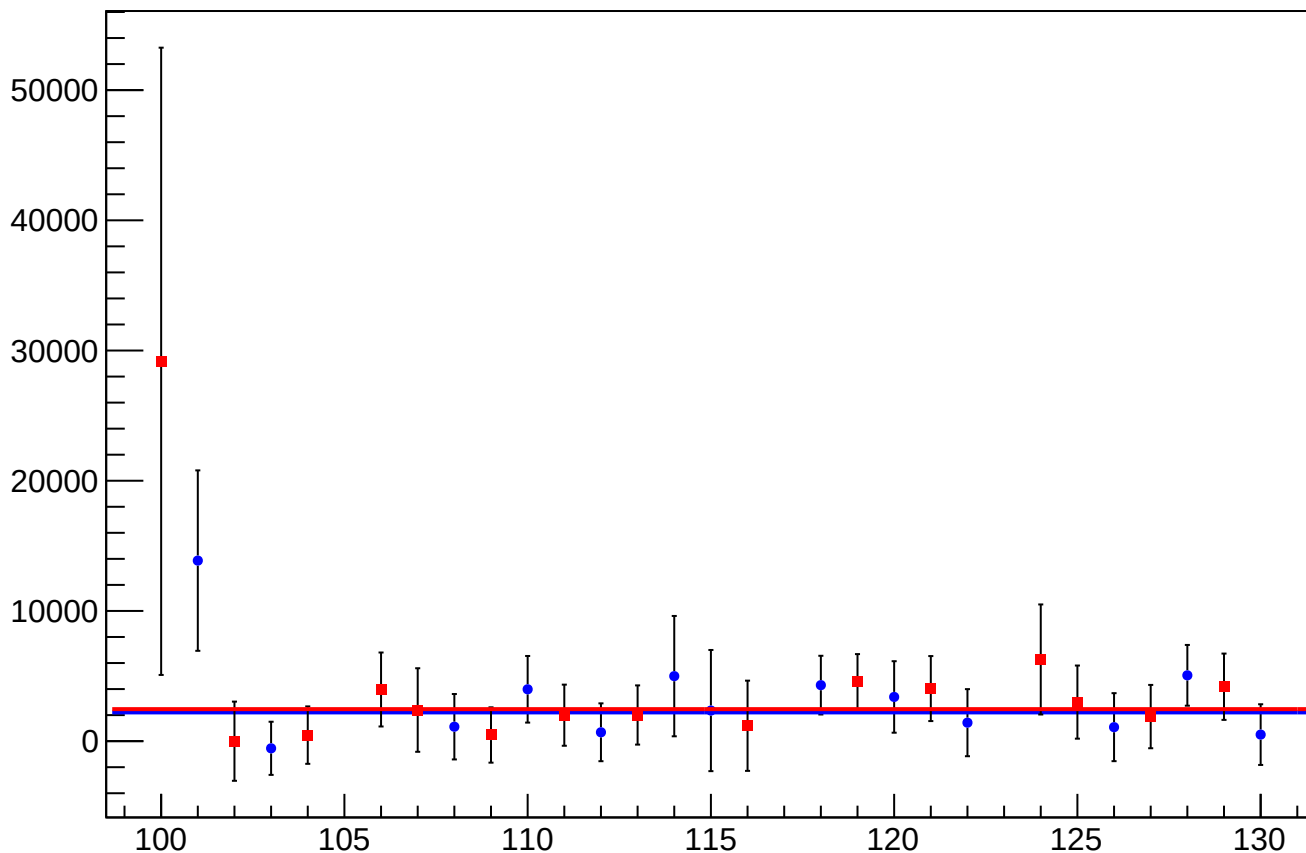
Right: 806.821+/-0.178 χ^2/NDF : 1461121.6/27

In: 849.980+/-0.265 χ^2/NDF : 626071.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 806.821+/-0.178 χ^2/NDF : 1461121.6/27

eigen_cor_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2207.247+/-732.728 χ^2/NDF : 9.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2459.336+/-689.347 χ^2/NDF : 6.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

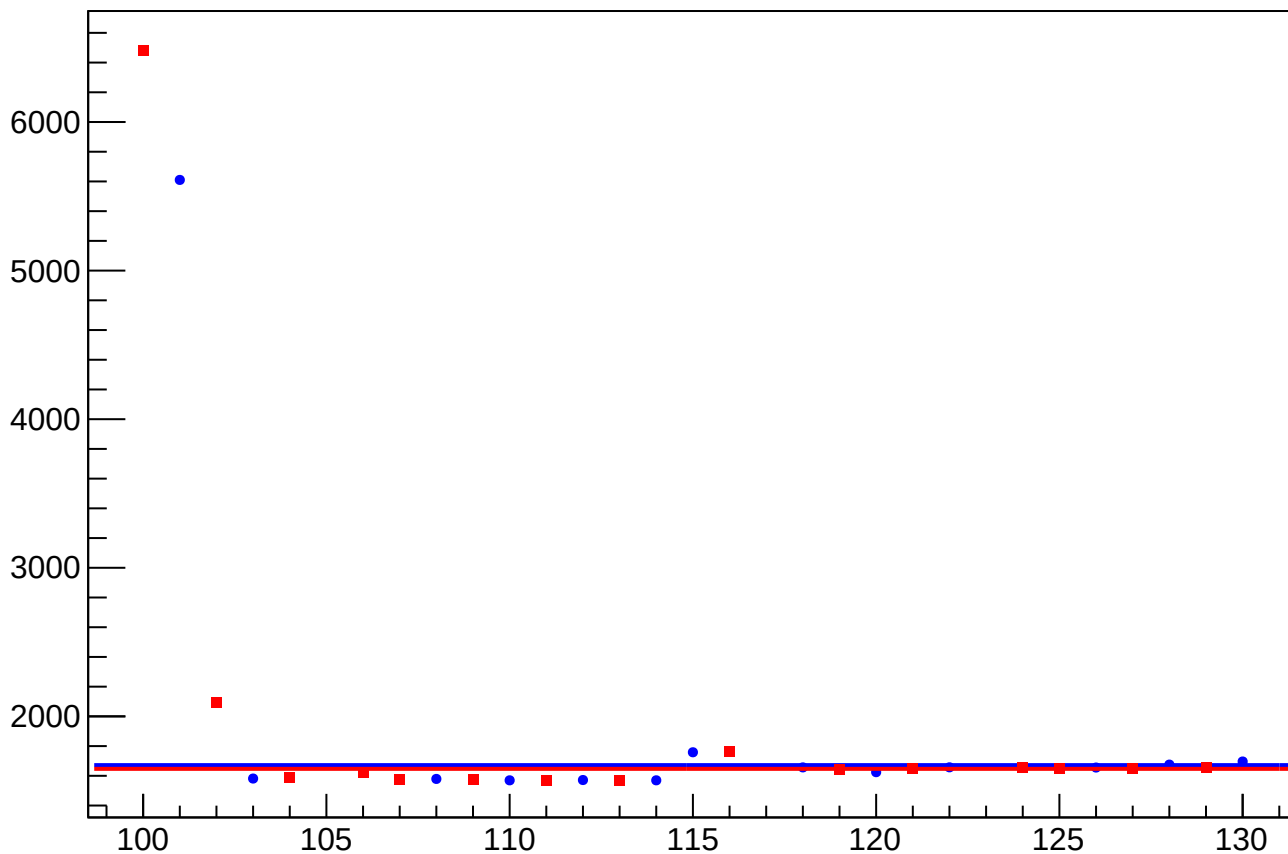
Right: 2340.975+/-502.078 χ^2/NDF : 16.4/27

In: 2207.247+/-732.728 χ^2/NDF : 9.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2340.975+/-502.078 χ^2/NDF : 16.4/27

eigen_cor_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1671.997+/-0.518 χ^2/NDF : 662810.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1646.845+/-0.487 χ^2/NDF : 135874.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

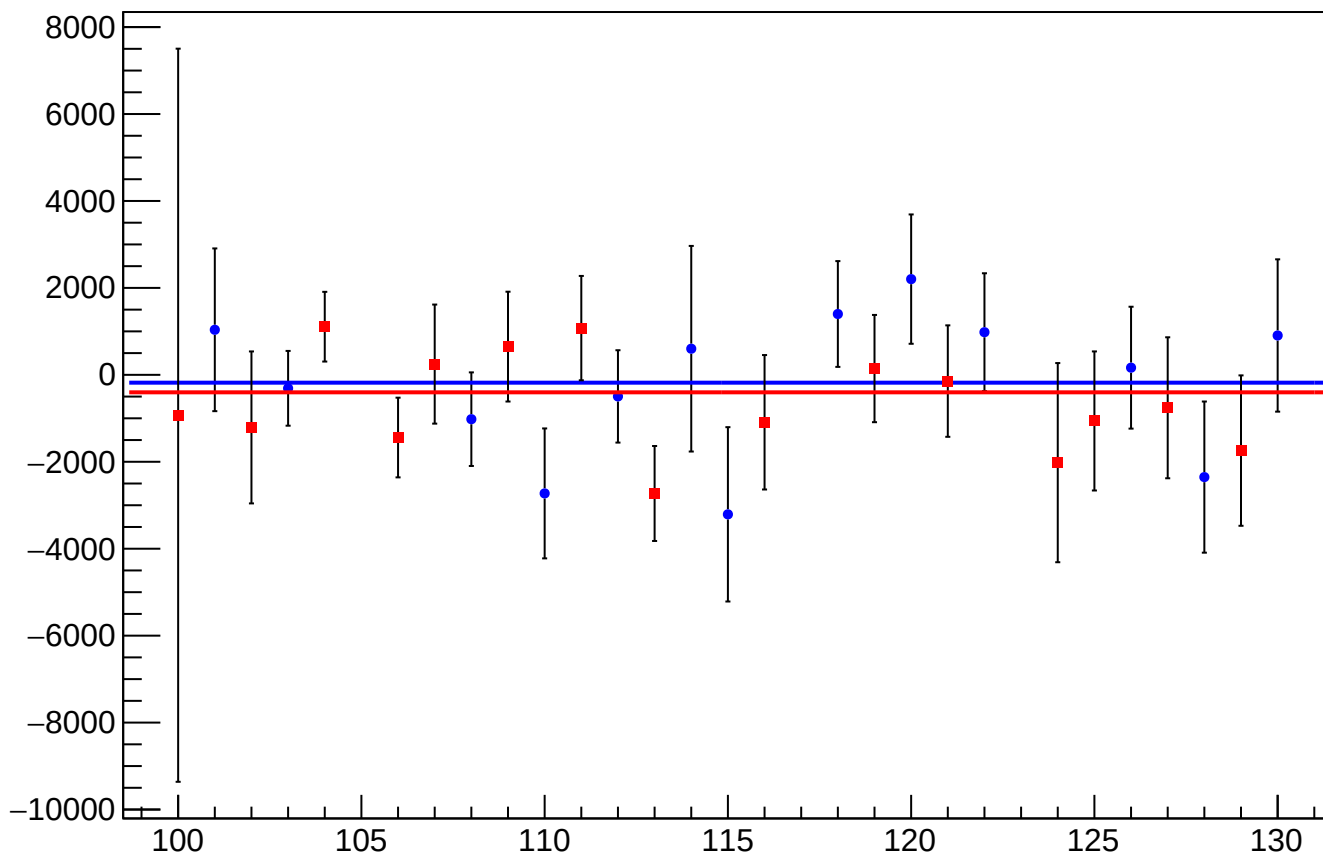
Right: 1658.654+/-0.355 χ^2/NDF : 799934.8/27

In: 1671.997+/-0.518 χ^2/NDF : 662810.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1658.654+/-0.355 χ^2/NDF : 799934.8/27

asym_usr_atr1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -180.238 ± 375.352 χ^2/NDF : 13.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -402.359 ± 337.922 χ^2/NDF : 13.8/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

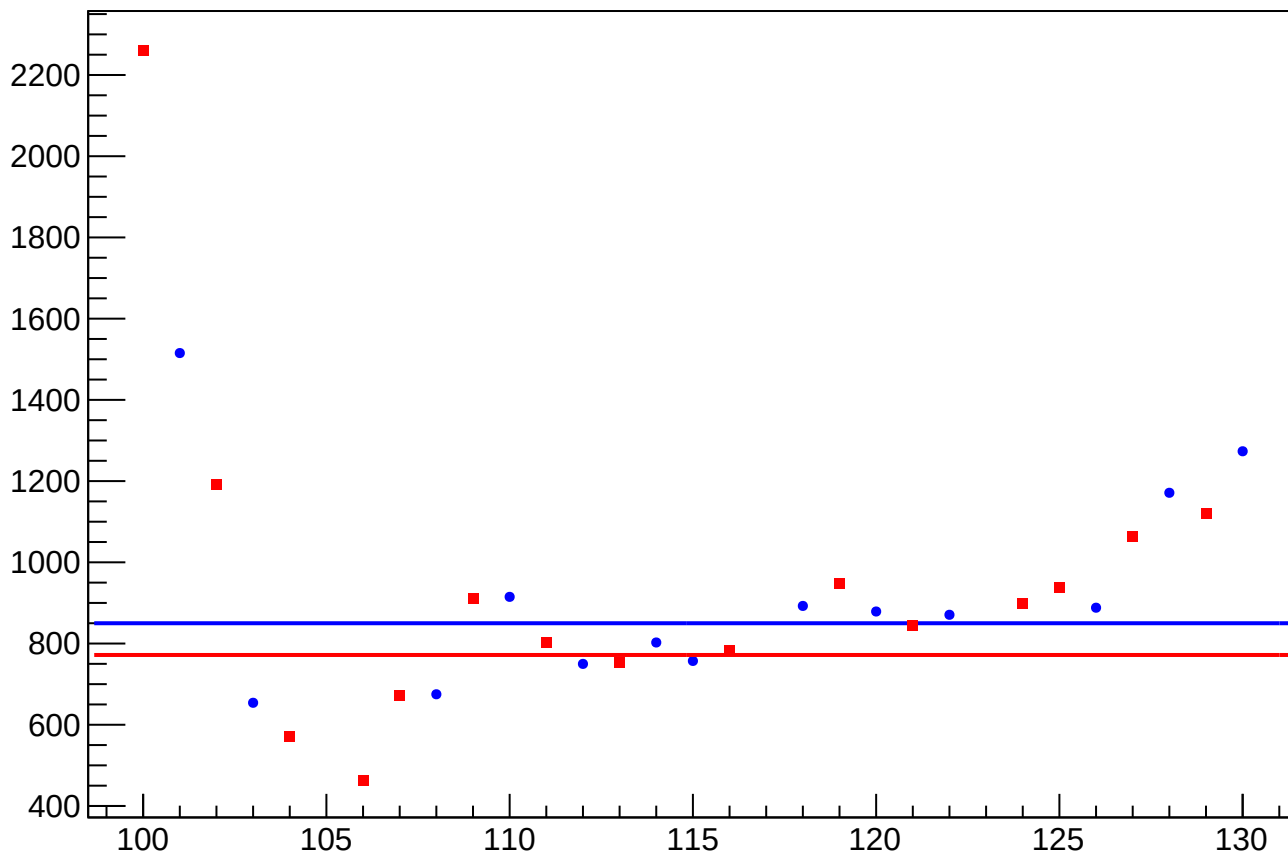
Right: -302.922 ± 251.140 χ^2/NDF : 27.4/27

In: -180.238 ± 375.352 χ^2/NDF : 13.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -302.922 ± 251.140 χ^2/NDF : 27.4/27

asym_usr_atr1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 849.980+/-0.265 χ^2/NDF : 626071.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 771.841+/-0.239 χ^2/NDF : 787176.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

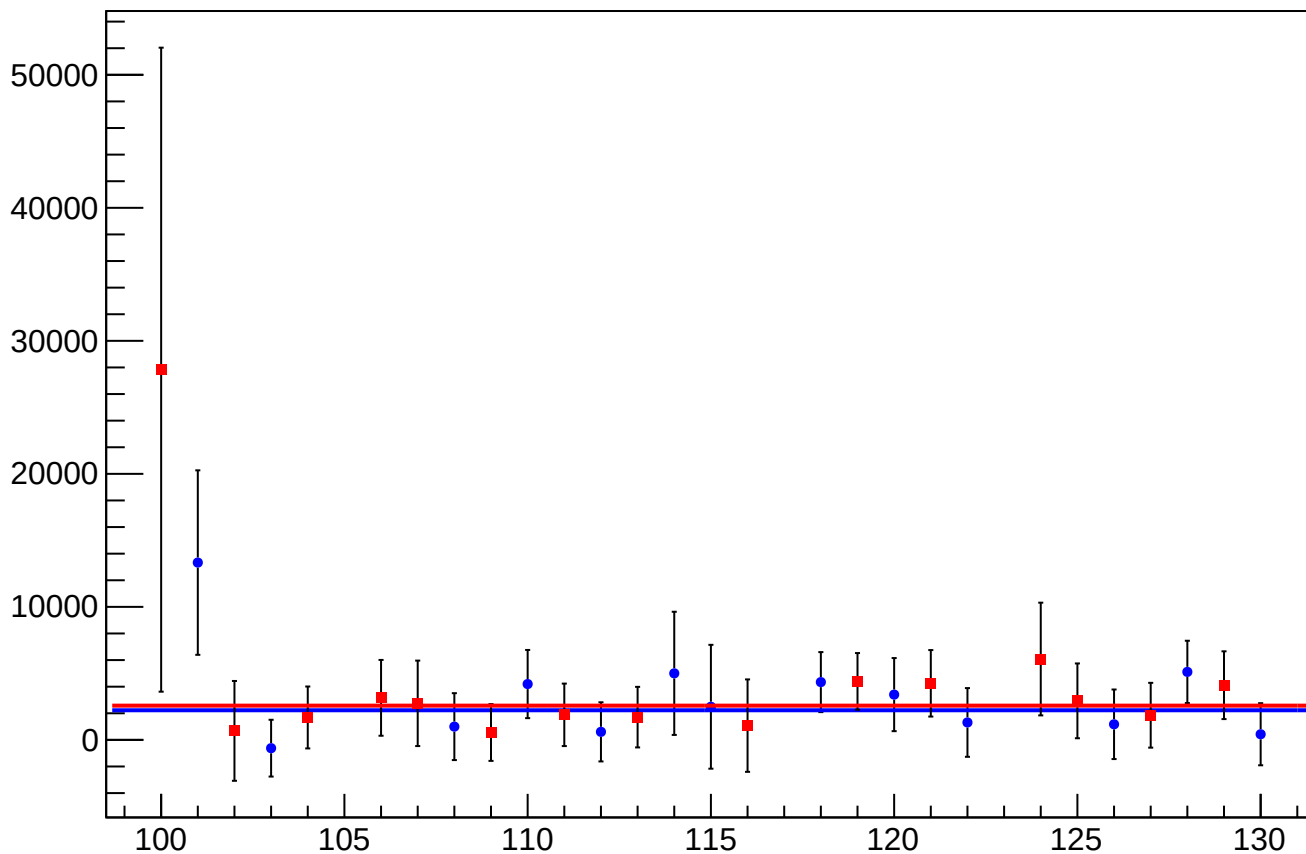
Right: 806.821+/-0.178 χ^2/NDF : 1461121.6/27

In: 849.980+/-0.265 χ^2/NDF :626071.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 806.821+/-0.178 χ^2/NDF : 1461121.6/27

dit_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2226.447+/-737.871 χ^2 /NDF: 9.5/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2574.888+/-700.208 χ^2 /NDF: 5.2/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

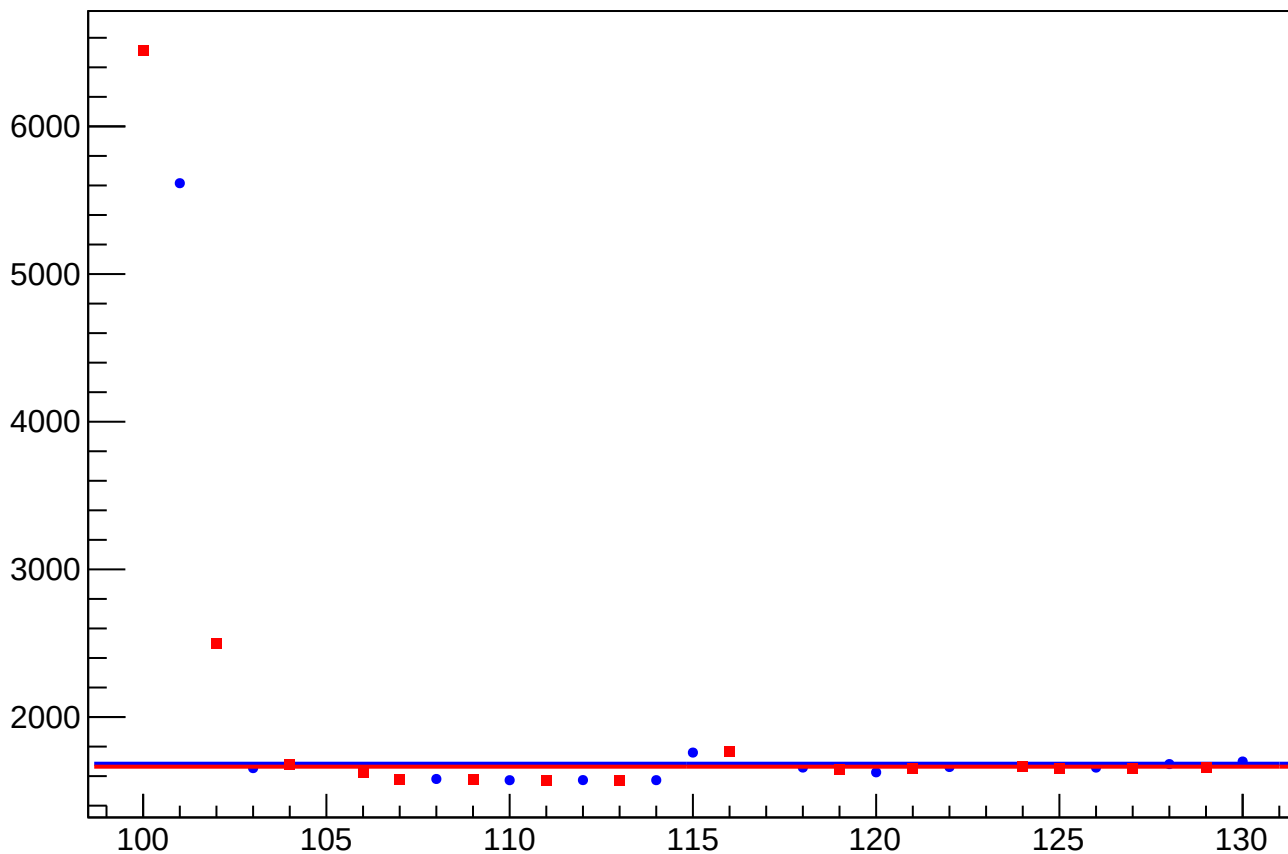
Right: 2409.787+/-507.915 χ^2 /NDF: 14.8/27

In: 2226.447+/-737.871 χ^2 /NDF:9.5/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2409.787+/-507.915 χ^2 /NDF: 14.8/27

dit_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1684.042+/-0.522 χ^2/NDF : 658508.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1663.875+/-0.495 χ^2/NDF : 192374.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

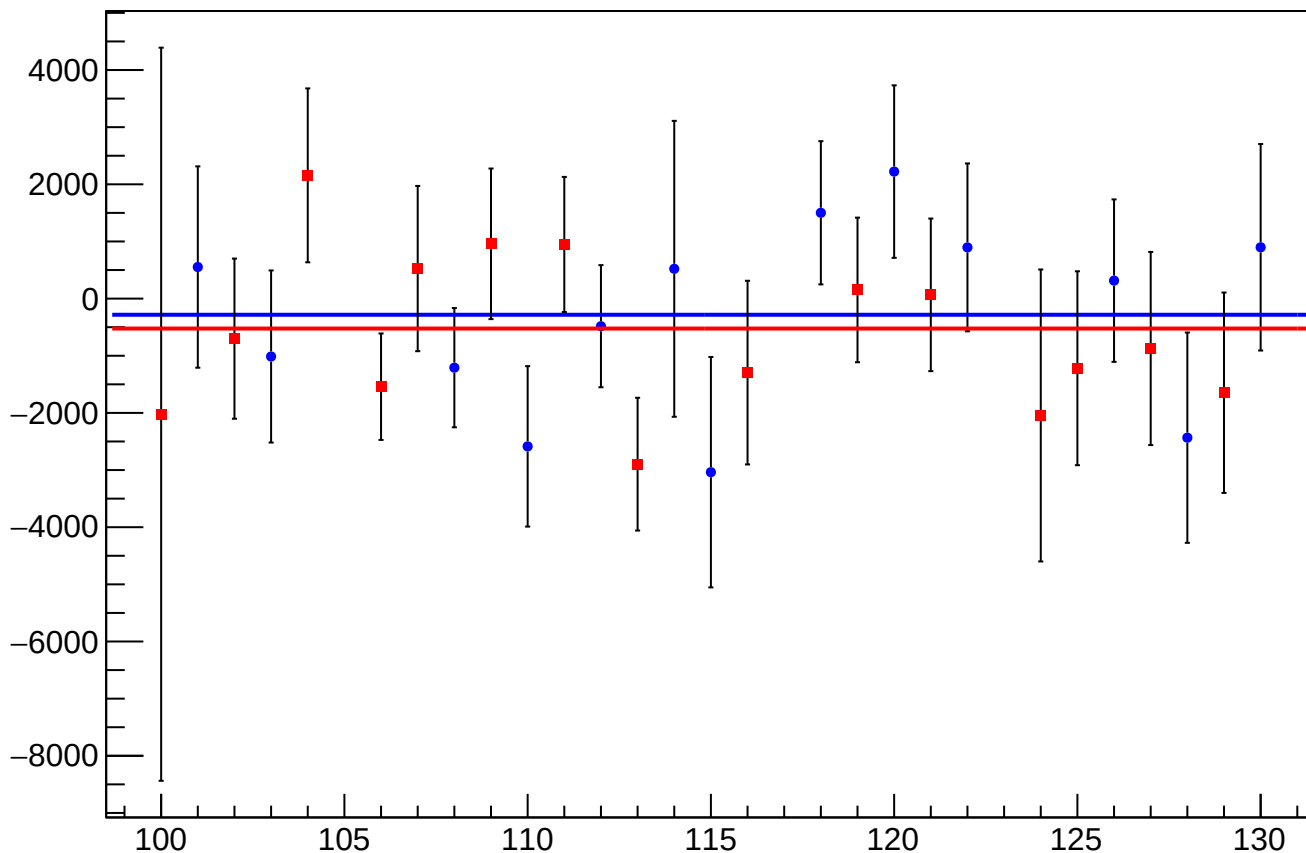
Right: 1673.431+/-0.359 χ^2/NDF : 851669.3/27

In: 1684.042+/-0.522 χ^2/NDF : 658508.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1673.431+/-0.359 χ^2/NDF : 851669.3/27

asym_usr_atr1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -282.642+/-404.985 χ^2/NDF : 13.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -523.751+/-368.142 χ^2/NDF : 13.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

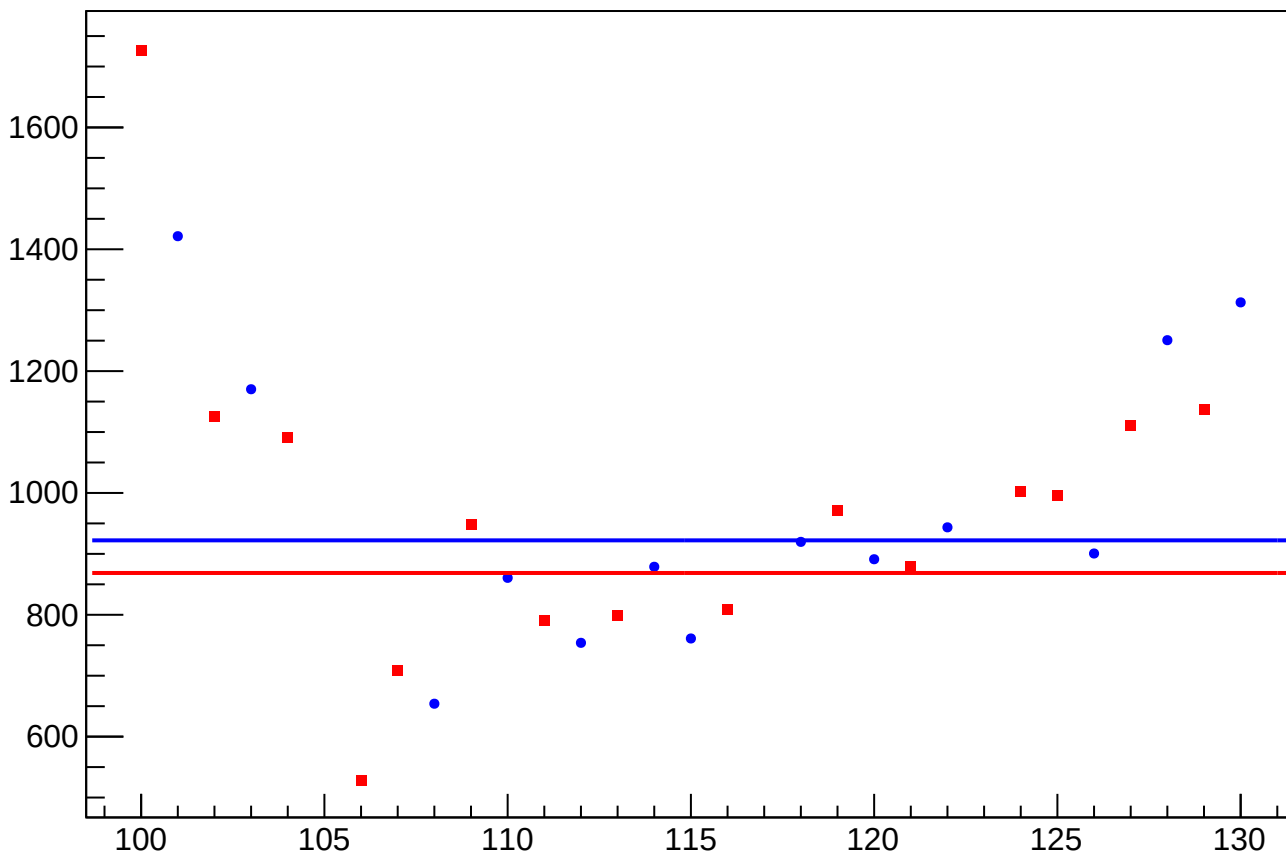
Right: -414.660+/-272.412 χ^2/NDF : 27.1/27

In: -282.642+/-404.985 χ^2/NDF : 13.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -414.660+/-272.412 χ^2/NDF : 27.1/27

asym_usr_atr1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 922.187+/-0.286 χ^2/NDF : 572896.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 868.636+/-0.260 χ^2/NDF : 581321.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

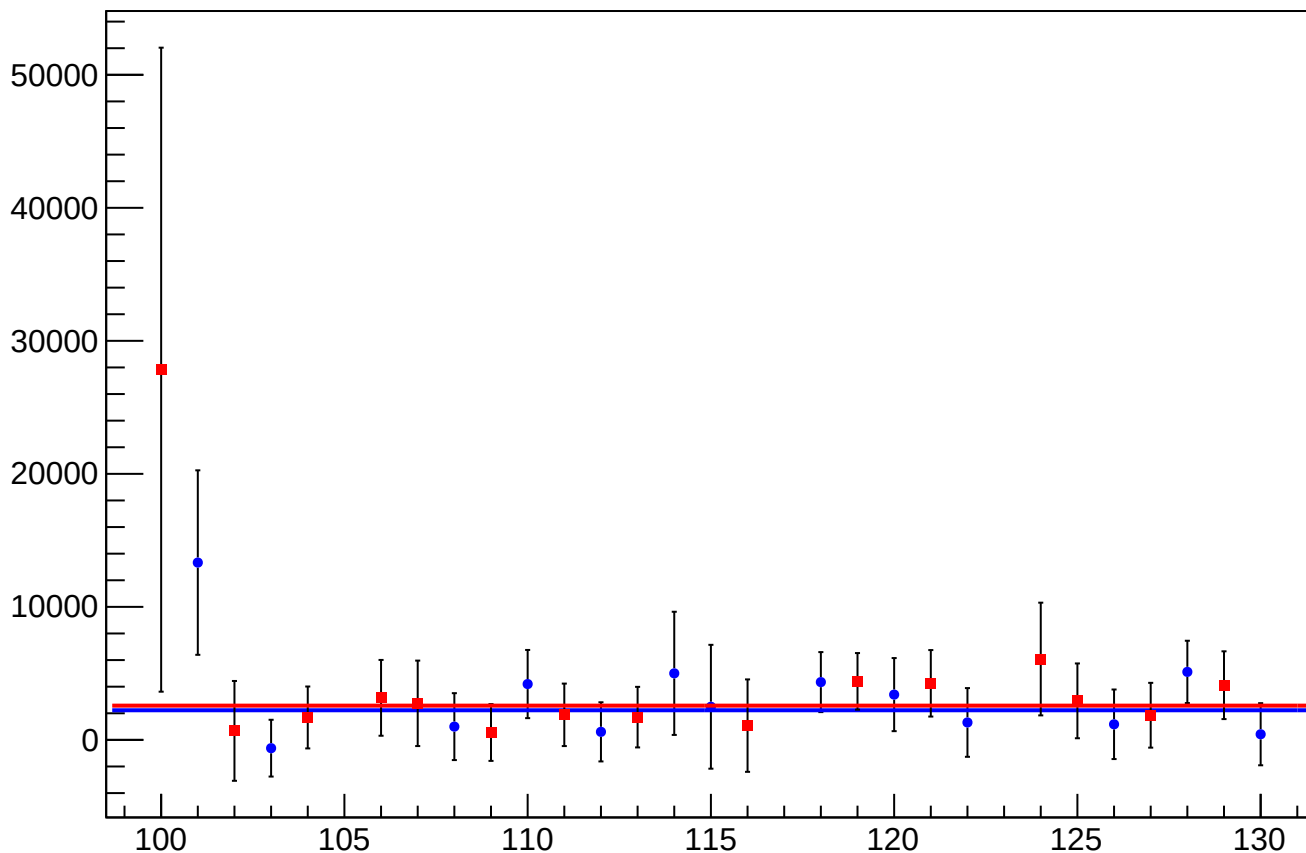
Right: 892.865+/-0.193 χ^2/NDF : 1173364.7/27

In: 922.187+/-0.286 χ^2/NDF : 572896.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 892.865+/-0.193 χ^2/NDF : 1173364.7/27

eigen_dit_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2226.449+/-737.871 χ^2 /NDF: 9.5/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2574.889+/-700.208 χ^2 /NDF: 5.2/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

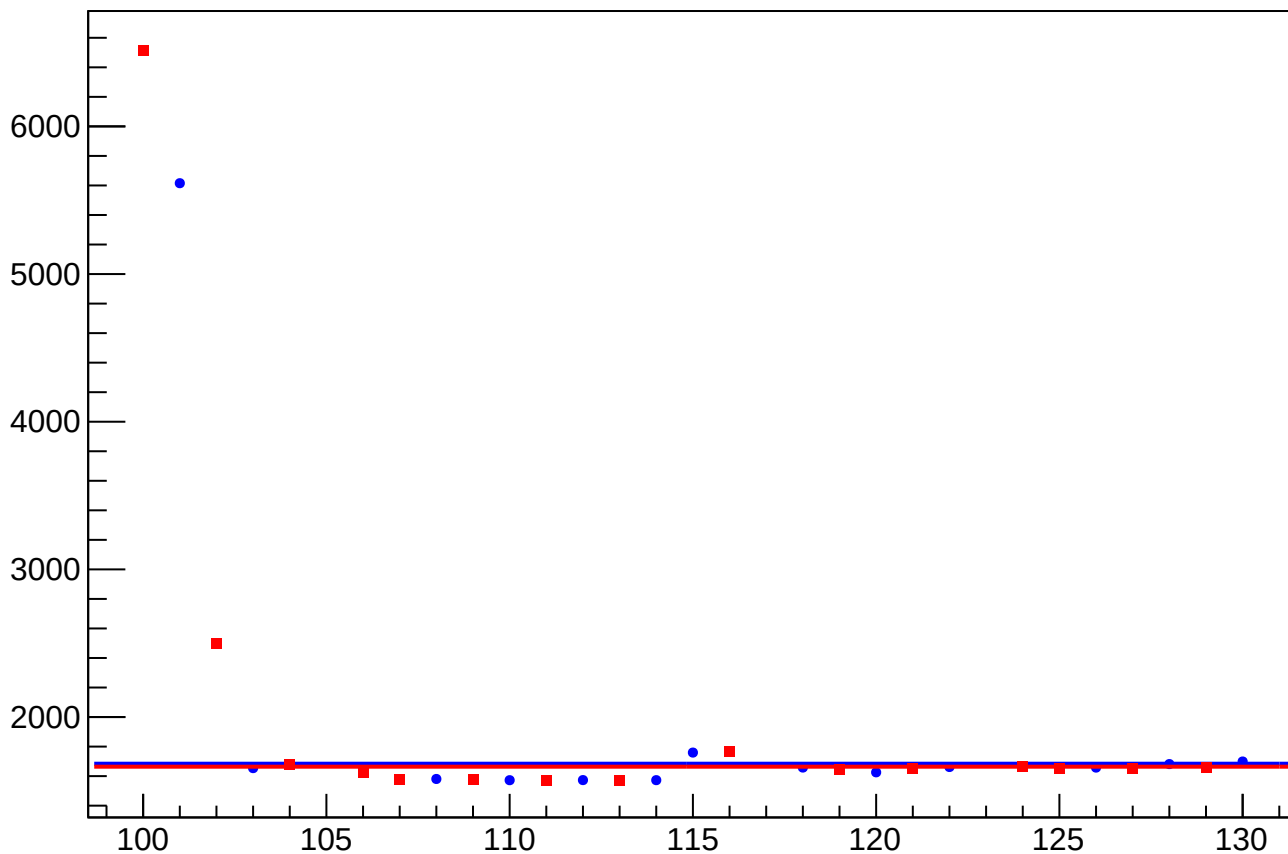
Right: 2409.788+/-507.915 χ^2 /NDF: 14.8/27

In: 2226.449+/-737.871 χ^2 /NDF:9.5/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2409.788+/-507.915 χ^2 /NDF: 14.8/27

eigen_dit_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1684.042+/-0.522 χ^2/NDF : 658509.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1663.875+/-0.495 χ^2/NDF : 192374.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

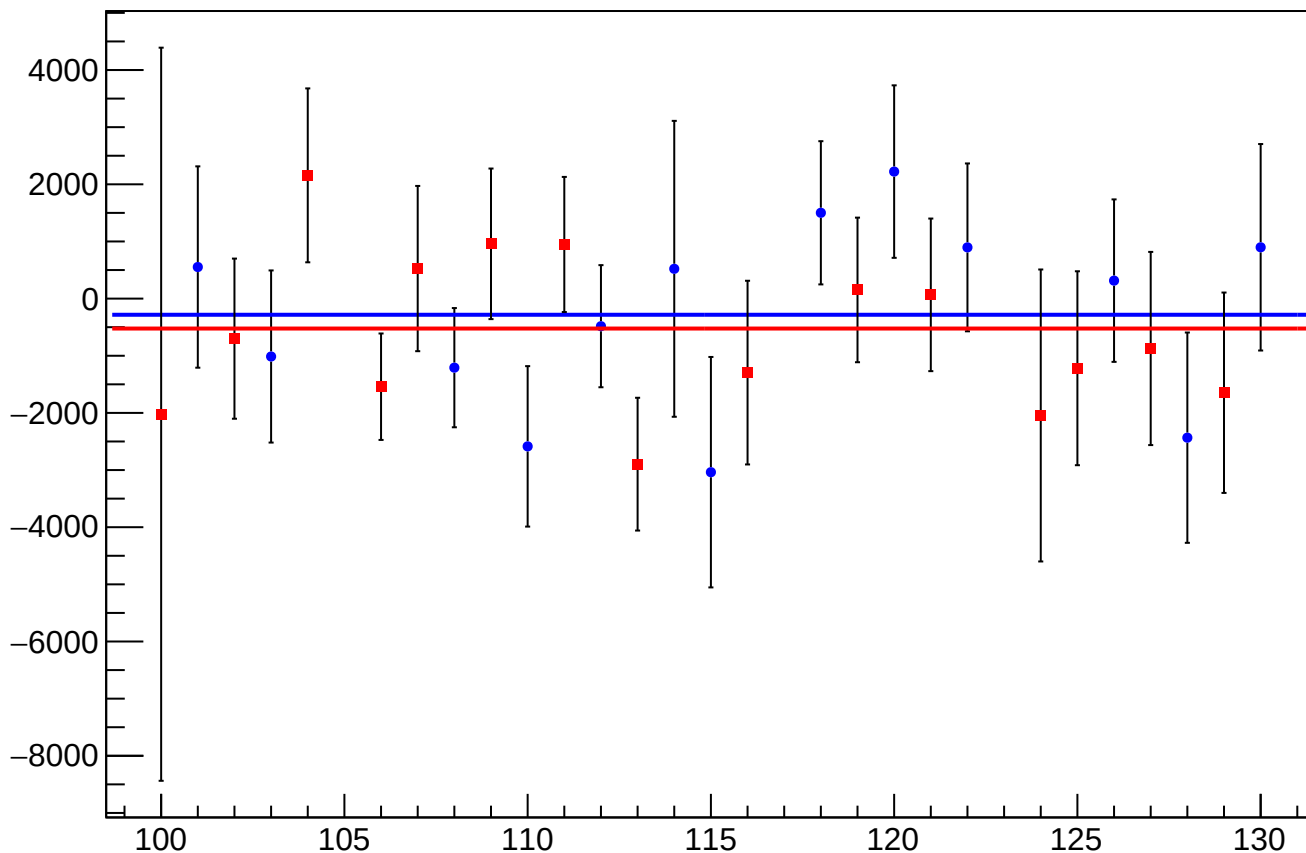
Right: 1673.431+/-0.359 χ^2/NDF : 851669.2/27

In: 1684.042+/-0.522 χ^2/NDF : 658509.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1673.431+/-0.359 χ^2/NDF : 851669.2/27

asym_usr_atr1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -282.640+/-404.984 χ^2/NDF : 13.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -523.749+/-368.141 χ^2/NDF : 13.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

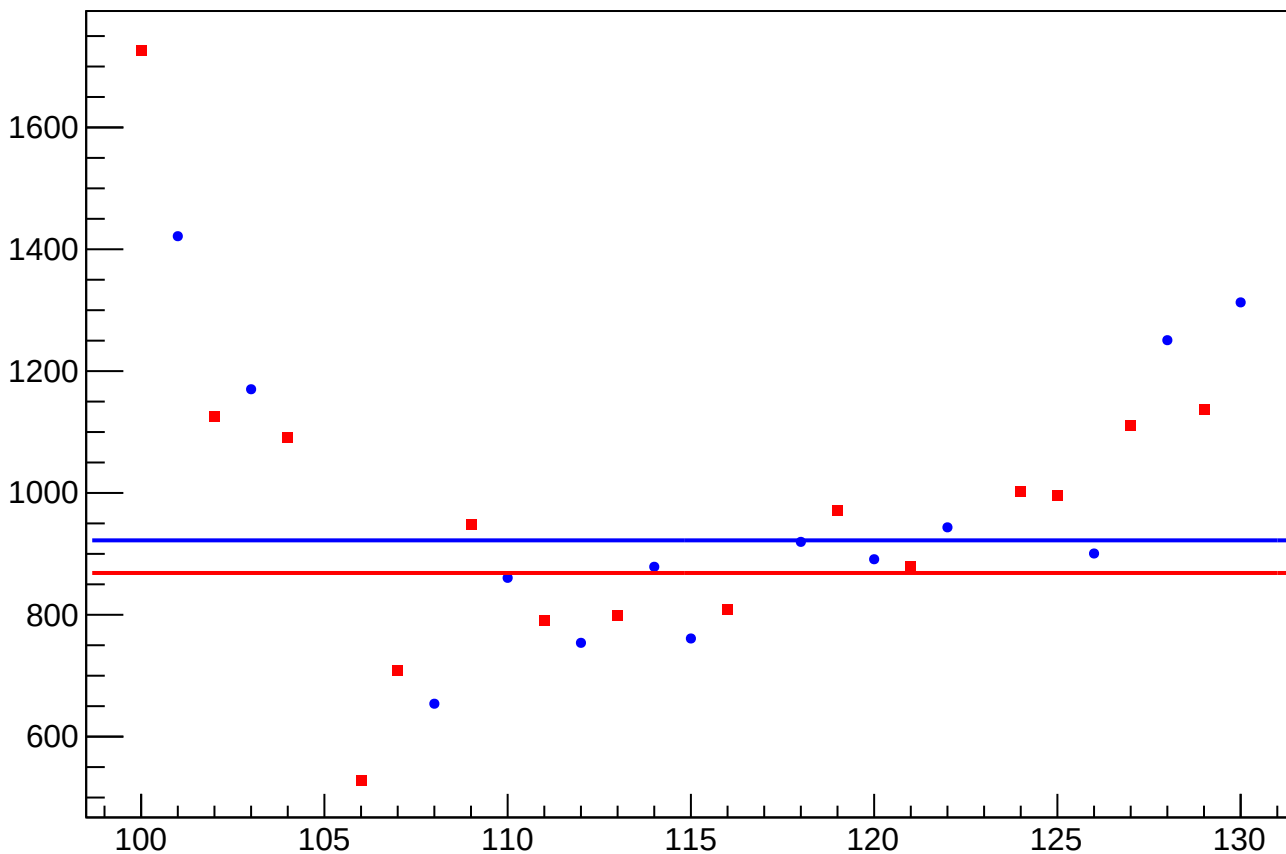
Right: -414.658+/-272.411 χ^2/NDF : 27.1/27

In: -282.640+/-404.984 χ^2/NDF : 13.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -414.658+/-272.411 χ^2/NDF : 27.1/27

asym_usr_atr1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 922.183+/-0.286 χ^2/NDF : 572899.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 868.634+/-0.260 χ^2/NDF : 581315.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

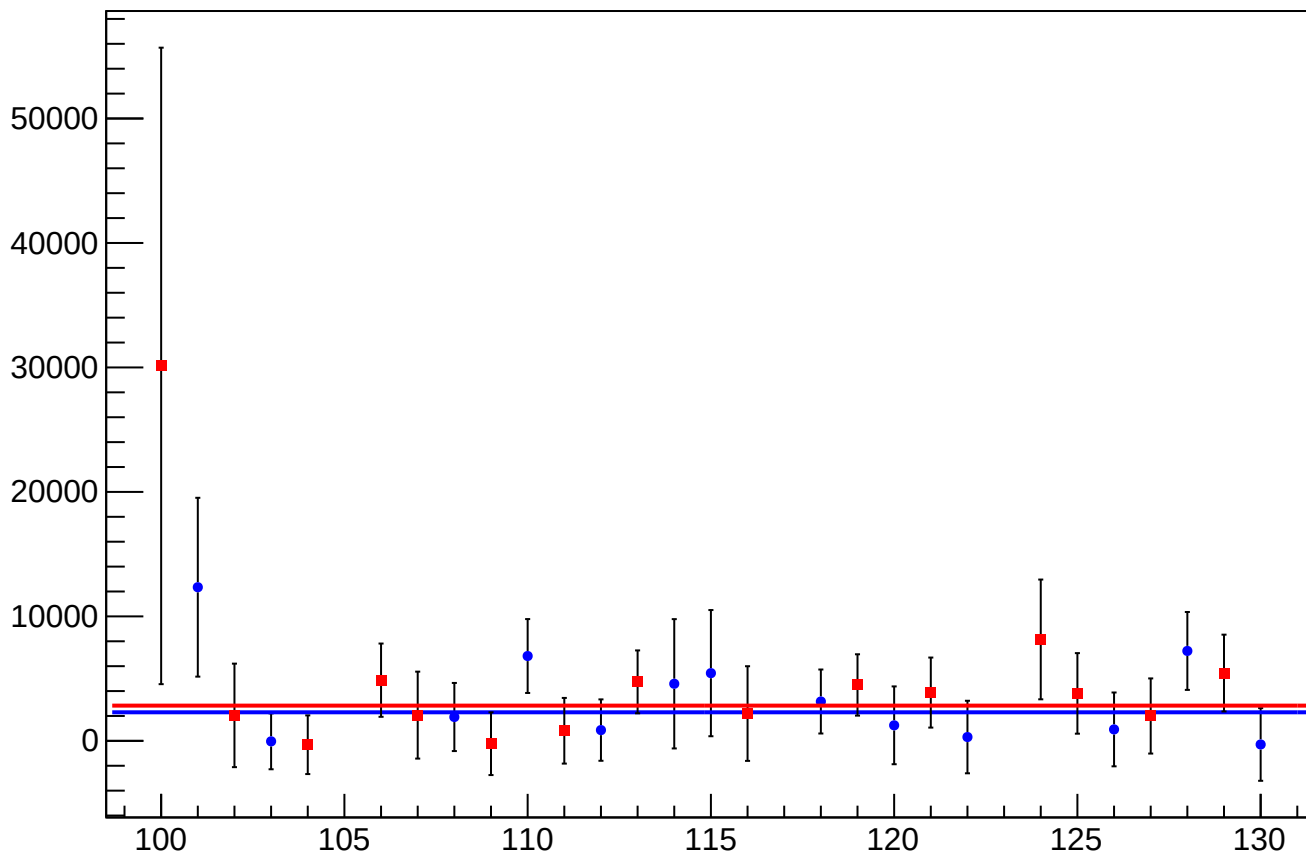
Right: 892.862+/-0.193 χ^2/NDF : 1173361.1/27

In: 922.183+/-0.286 χ^2/NDF : 572899.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 892.862+/-0.193 χ^2/NDF : 1173361.1/27

asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2294.468+/-842.106 χ^2/NDF : 10.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2831.445+/-788.472 χ^2/NDF : 8.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

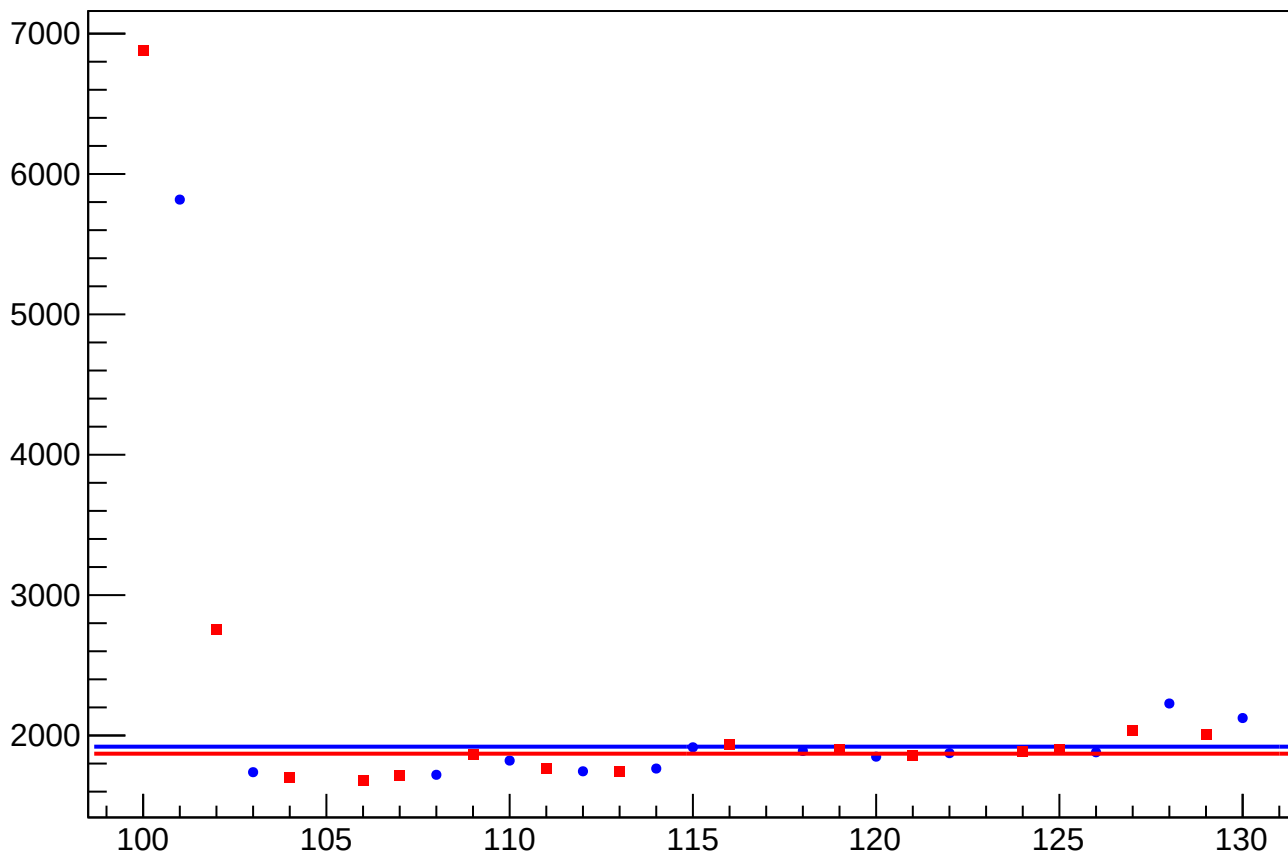
Right: 2580.600+/-575.561 χ^2/NDF : 19.5/27

In: 2294.468+/-842.106 χ^2/NDF : 10.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2580.600+/-575.561 χ^2/NDF : 19.5/27

asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1920.340+/-0.595 χ^2/NDF : 657912.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1870.318+/-0.558 χ^2/NDF : 209940.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

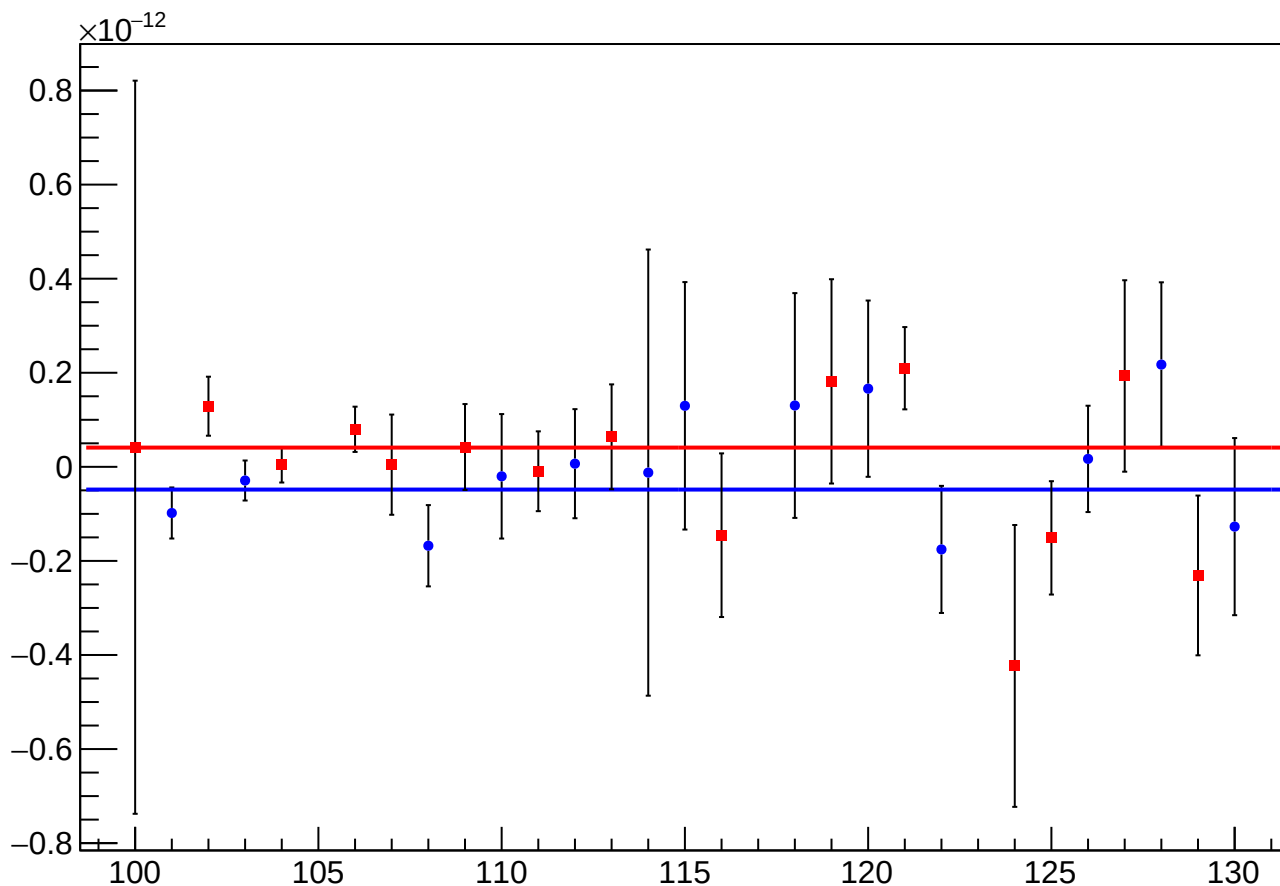
Right: 1893.685+/-0.407 χ^2/NDF : 871614.0/27

In: 1920.340+/-0.595 χ^2/NDF : 657912.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1893.685+/-0.407 χ^2/NDF : 871614.0/27

asym_usr_atr1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

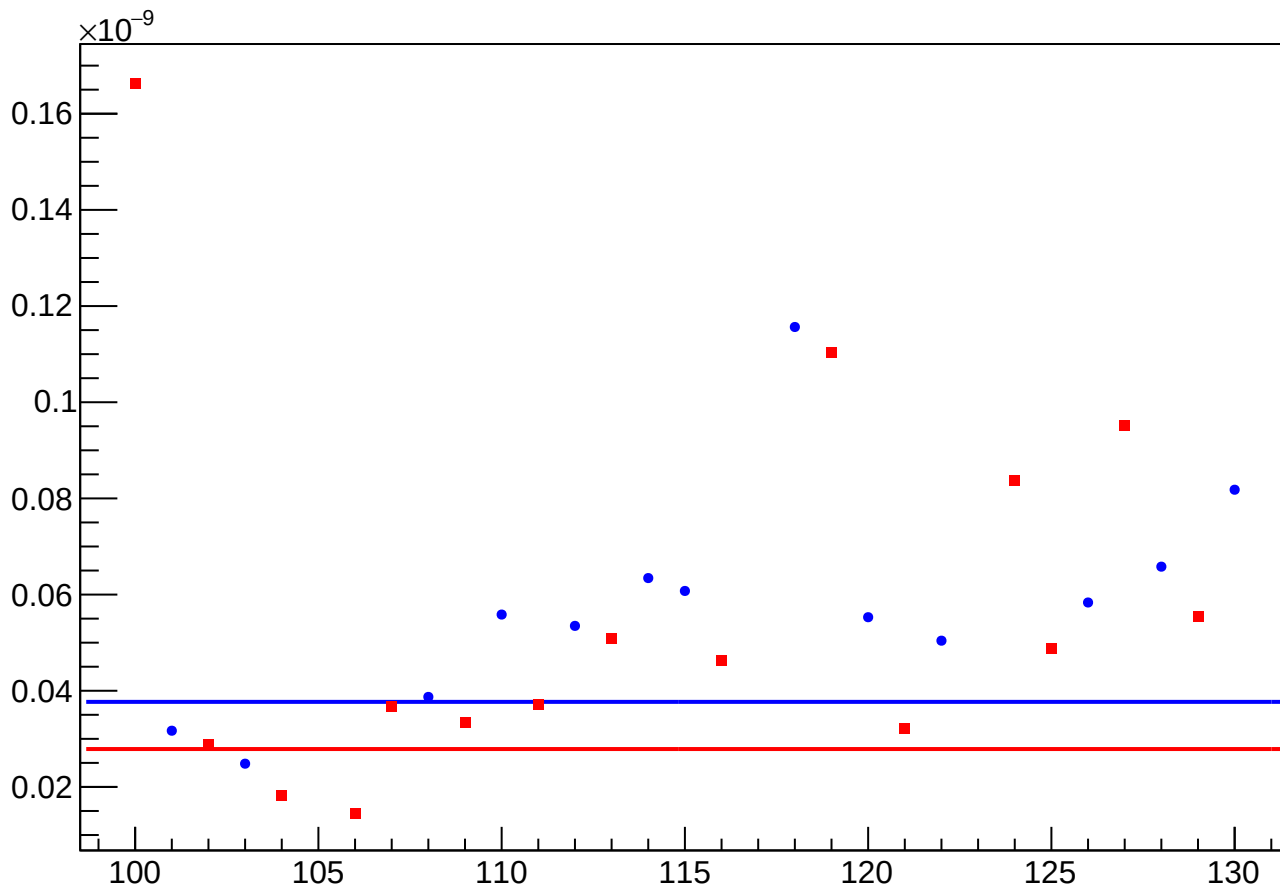
Right: 0.000+/-0.000 χ^2/NDF : 33.5/27

In: -0.000+/-0.000 χ^2/NDF : 9.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.5/27

asym_usr_atr1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 780061.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1198285.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

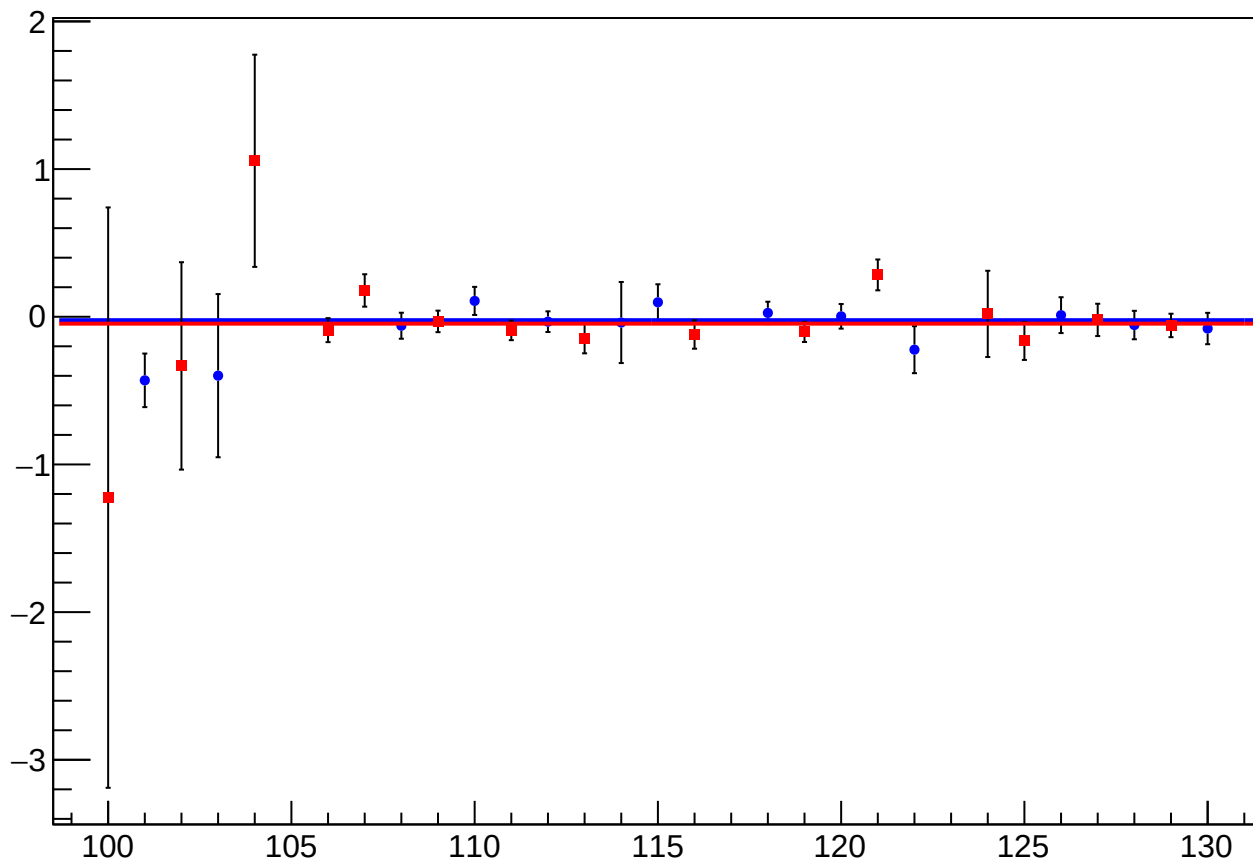
Right: 0.000+/-0.000 χ^2/NDF : 2142418.9/27

In: 0.000+/-0.000 χ^2/NDF : 780061.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2142418.9/27

asym_usr_atr1_avg_dit_vs_Slug, Sign Corrected



Right In: -0.023+/-0.029 χ^2/NDF : 11.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.047+/-0.026 χ^2/NDF : 21.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

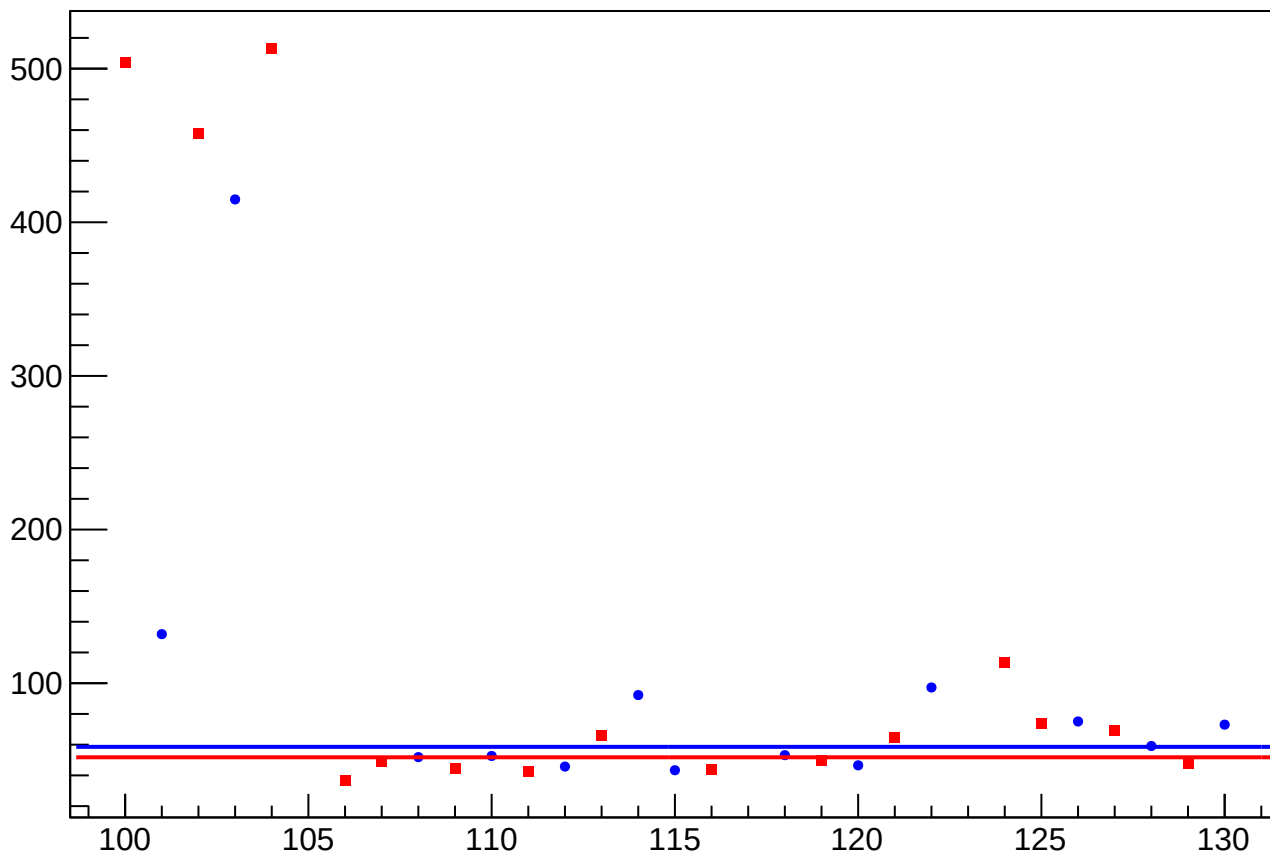
Right: -0.036+/-0.019 χ^2/NDF : 32.6/27

In: -0.023+/-0.029 χ^2/NDF : 11.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.036+/-0.019 χ^2/NDF : 32.6/27

asym_usr_atr1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.576+/-0.021 χ^2/NDF : 1550896.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 51.784+/-0.018 χ^2/NDF : 2020247.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

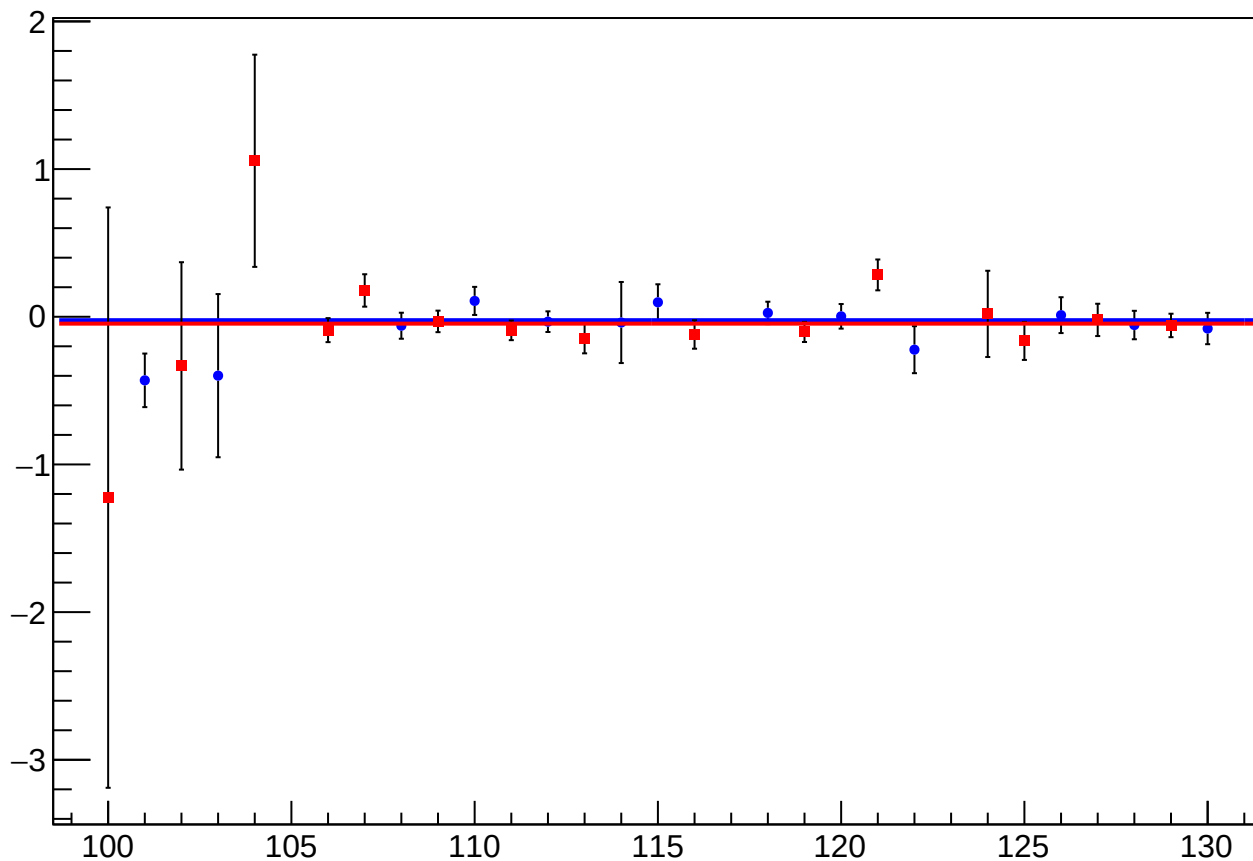
Right: 54.795+/-0.014 χ^2/NDF : 3631750.1/27

In: 58.576+/-0.021 χ^2/NDF :1550896.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 54.795+/-0.014 χ^2/NDF : 3631750.1/27

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.023+/-0.029 χ^2 /NDF: 11.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.047+/-0.026 χ^2 /NDF: 21.1/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

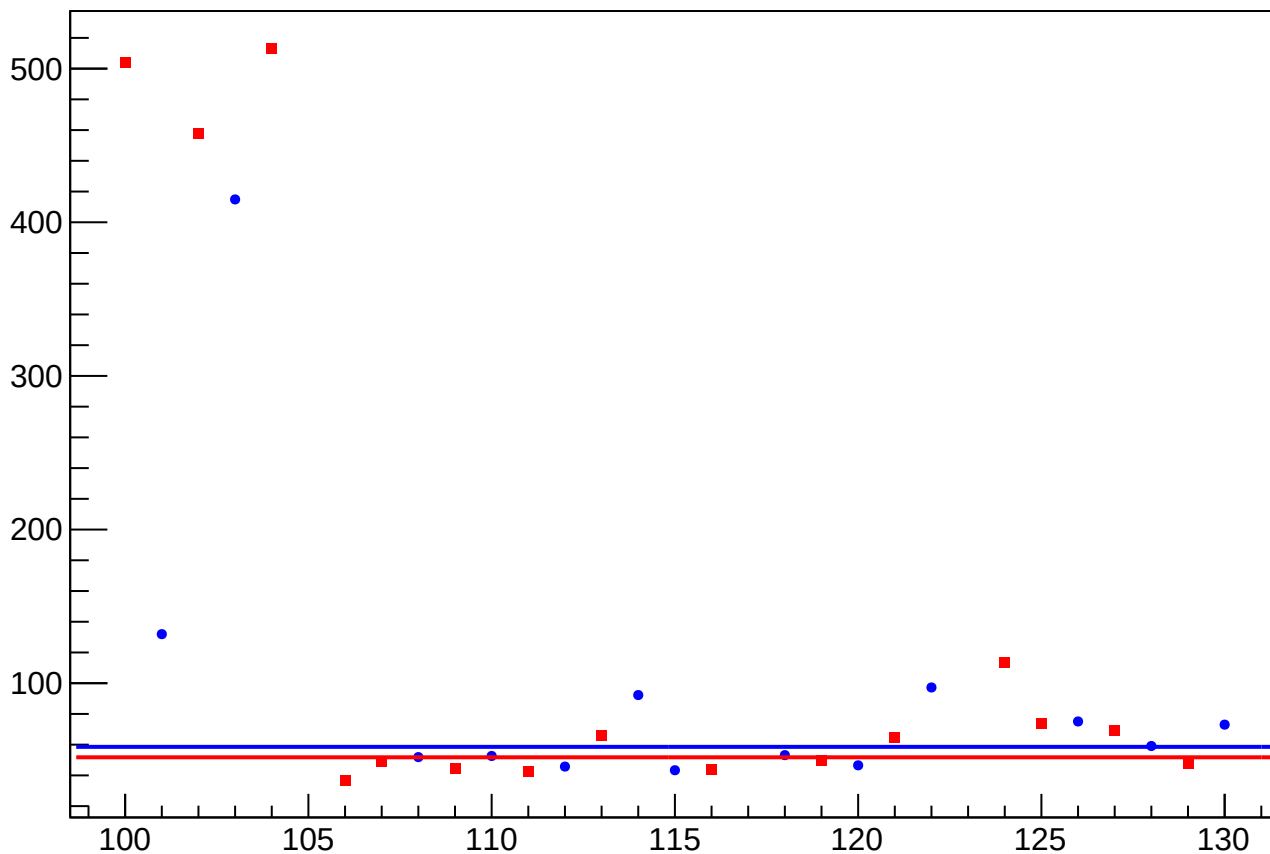
Right: -0.036+/-0.019 χ^2 /NDF: 32.6/27

In: -0.023+/-0.029 χ^2 /NDF:11.2/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.036+/-0.019 χ^2 /NDF: 32.6/27

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.576+/-0.021 χ^2/NDF : 1550896.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 51.784+/-0.018 χ^2/NDF : 2020247.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

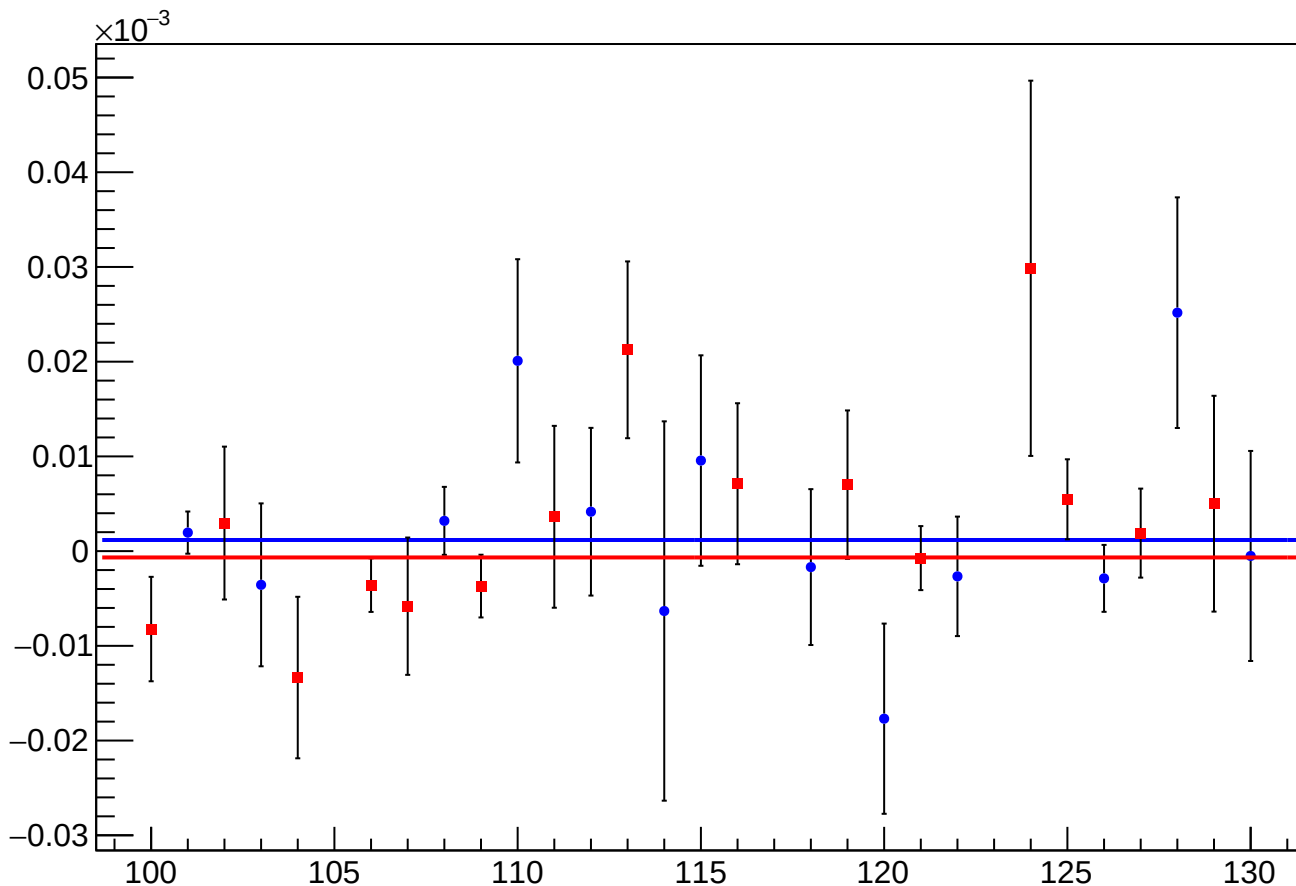
Right: 54.795+/-0.014 χ^2/NDF : 3631750.1/27

In: 58.576+/-0.021 χ^2/NDF :1550896.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 54.795+/-0.014 χ^2/NDF : 3631750.1/27

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 19.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

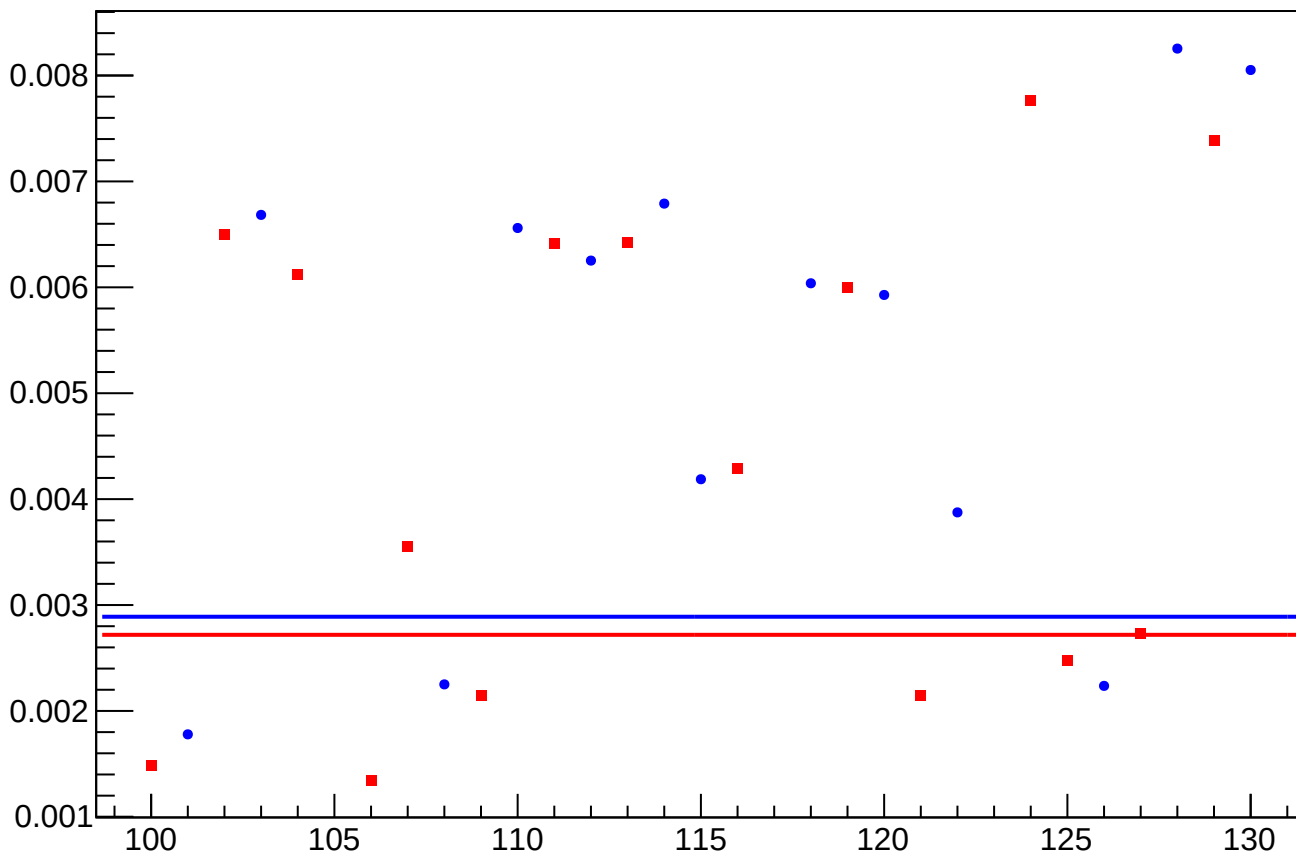
Right: 0.000+/-0.000 χ^2/NDF : 34.0/27

In: 0.000+/-0.000 χ^2/NDF : 13.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 34.0/27

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 2991353.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2977328.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

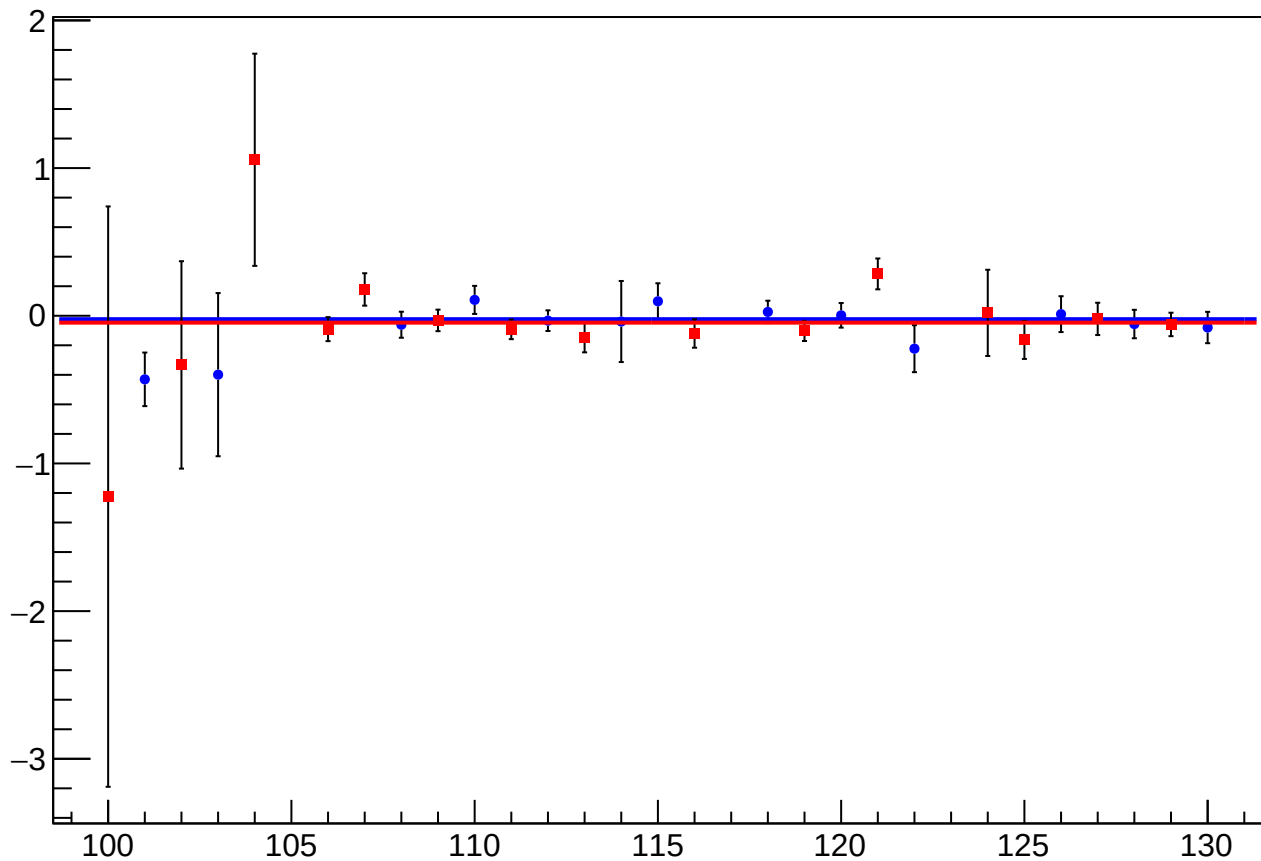
Right: 0.003+/-0.000 χ^2/NDF : 5983460.7/27

In: 0.003+/-0.000 χ^2/NDF :2991353.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 5983460.7/27

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.023+/-0.029 χ^2/NDF : 11.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.047+/-0.026 χ^2/NDF : 21.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

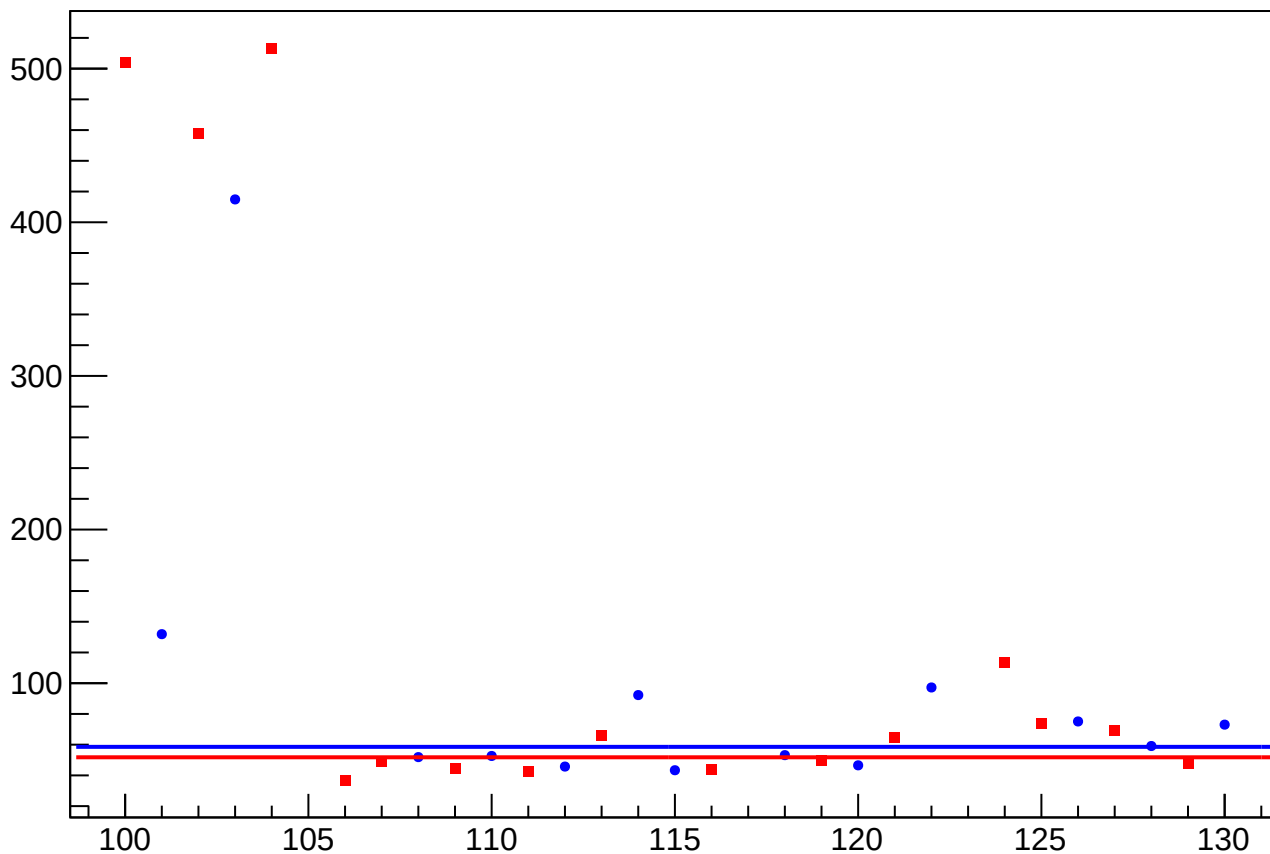
Right: -0.036+/-0.019 χ^2/NDF : 32.6/27

In: -0.023+/-0.029 χ^2/NDF :11.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.036+/-0.019 χ^2/NDF : 32.6/27

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.575+/-0.021 χ^2/NDF : 1550847.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 51.783+/-0.018 χ^2/NDF : 2020203.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

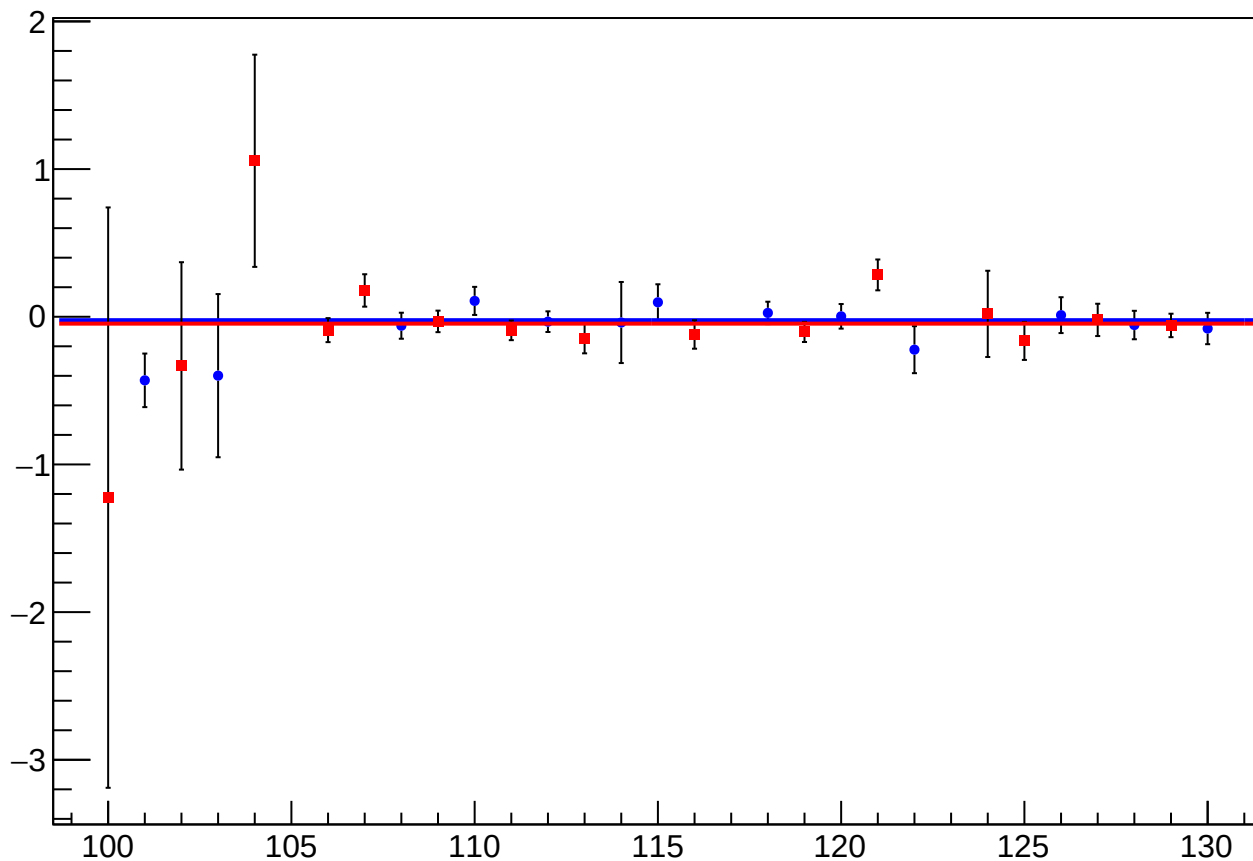
Right: 54.795+/-0.014 χ^2/NDF : 3631665.5/27

In: 58.575+/-0.021 χ^2/NDF :1550847.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 54.795+/-0.014 χ^2/NDF : 3631665.5/27

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.023+/-0.029 χ^2 /NDF: 11.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.047+/-0.026 χ^2 /NDF: 21.1/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

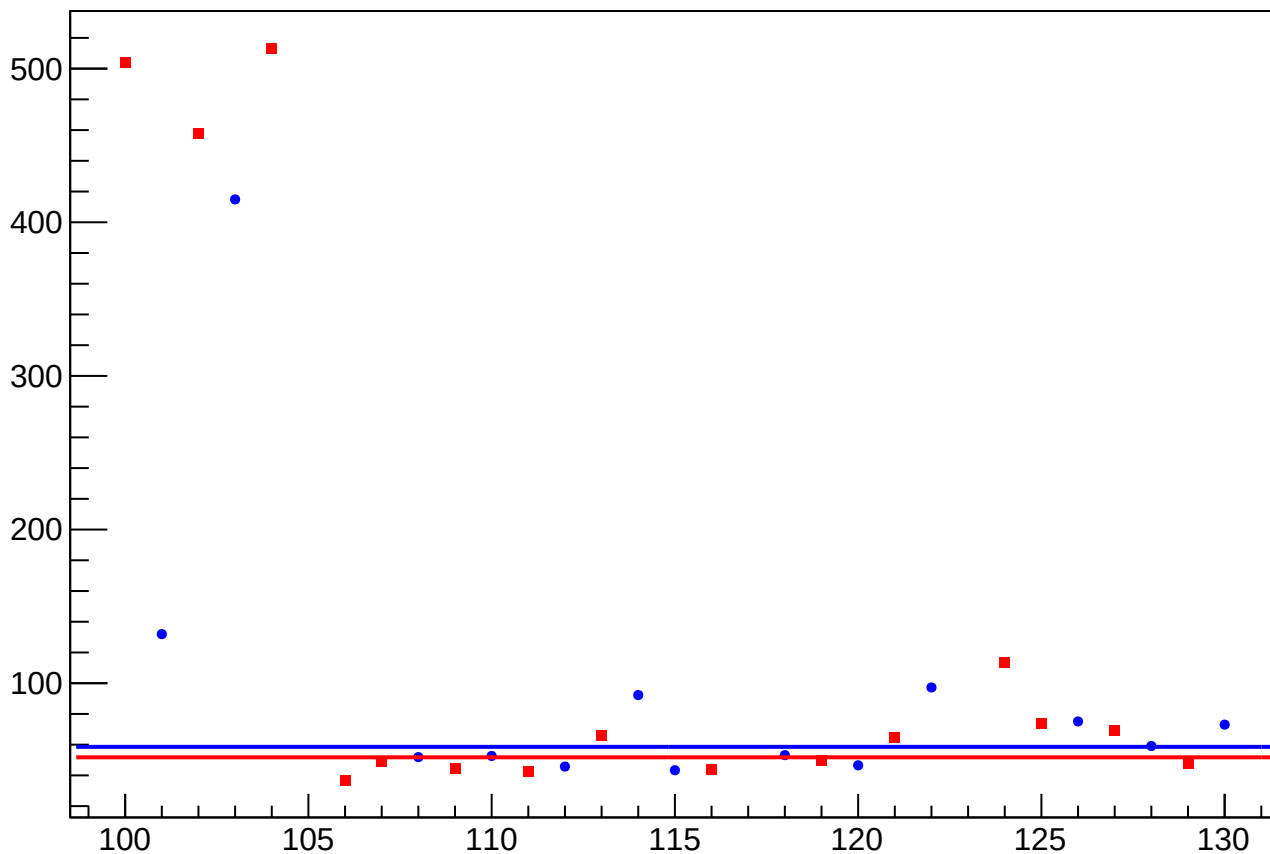
Right: -0.036+/-0.019 χ^2 /NDF: 32.6/27

In: -0.023+/-0.029 χ^2 /NDF:11.2/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.036+/-0.019 χ^2 /NDF: 32.6/27

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.575+/-0.021 χ^2/NDF : 1550847.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.783+/-0.018 χ^2/NDF : 2020203.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

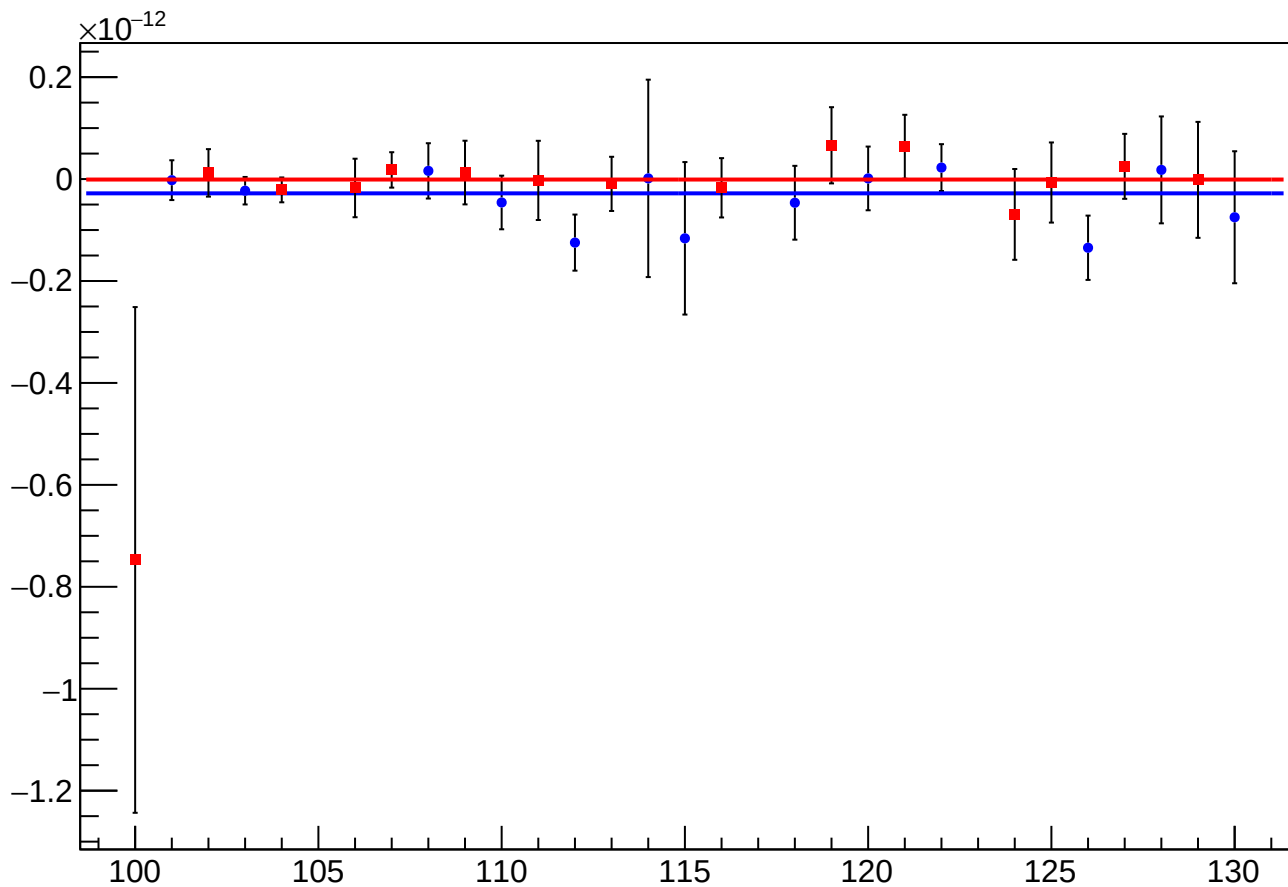
Right: 54.795+/-0.014 χ^2/NDF : 3631665.5/27

In: 58.575+/-0.021 χ^2/NDF : 1550847.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.795+/-0.014 χ^2/NDF : 3631665.5/27

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 9.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 6.2/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

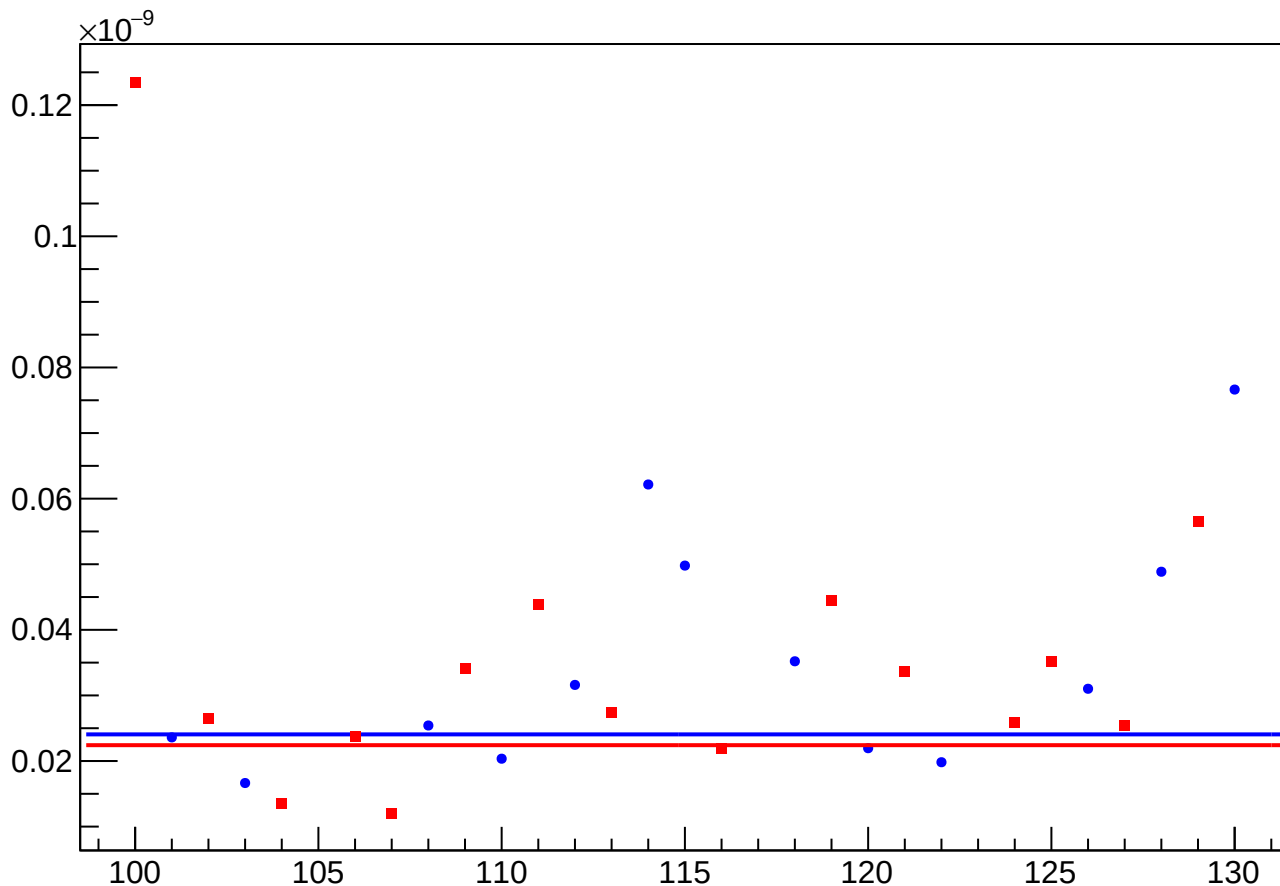
Right: -0.000 ± 0.000 χ^2/NDF : 17.4/27

In: -0.000 ± 0.000 χ^2/NDF : 9.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 17.4/27

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 869014.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1261217.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

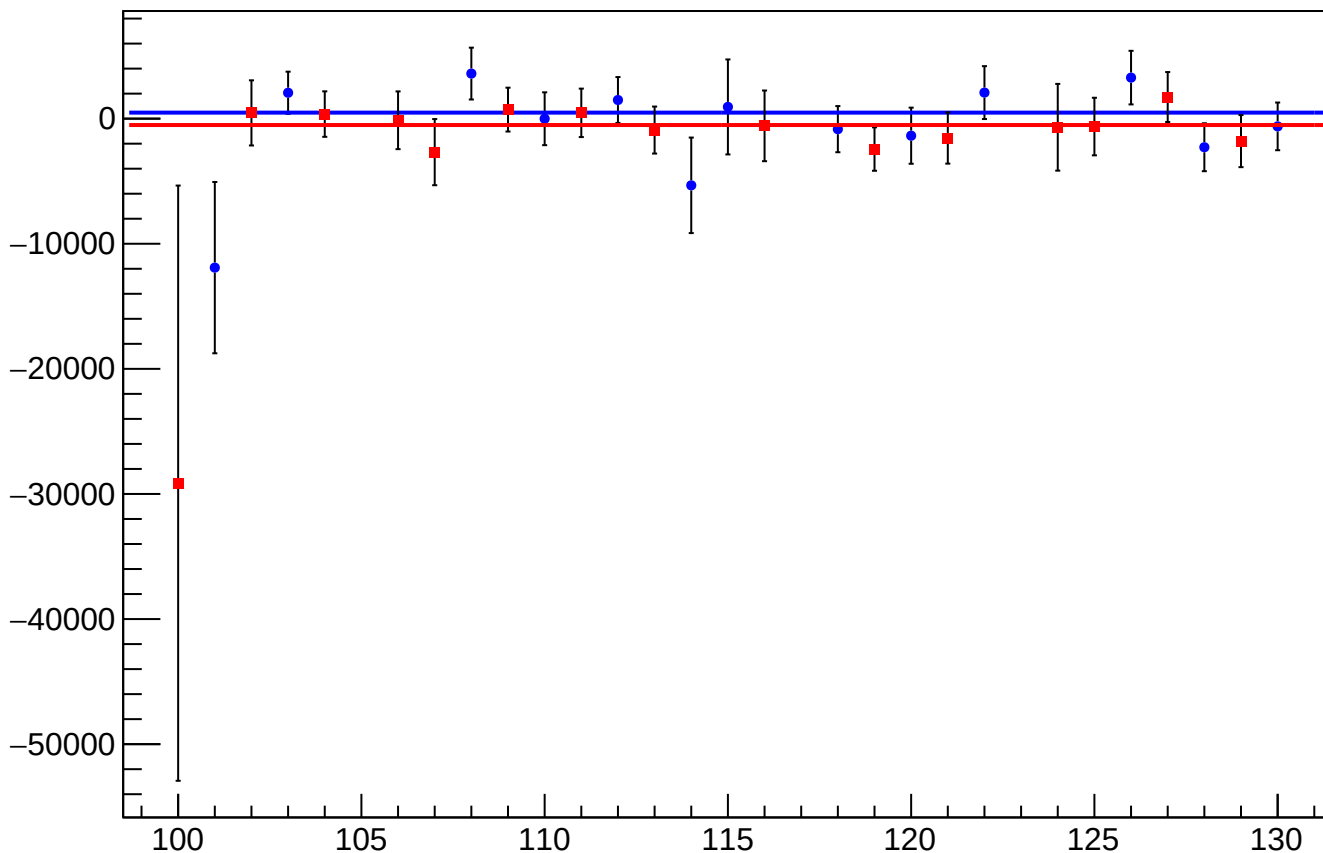
Right: 0.000+/-0.000 χ^2/NDF : 2143449.5/27

In: 0.000+/-0.000 χ^2/NDF : 869014.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2143449.5/27

reg_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 481.821+/-603.187 χ^2/NDF : 15.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -509.923+/-567.276 χ^2/NDF : 6.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

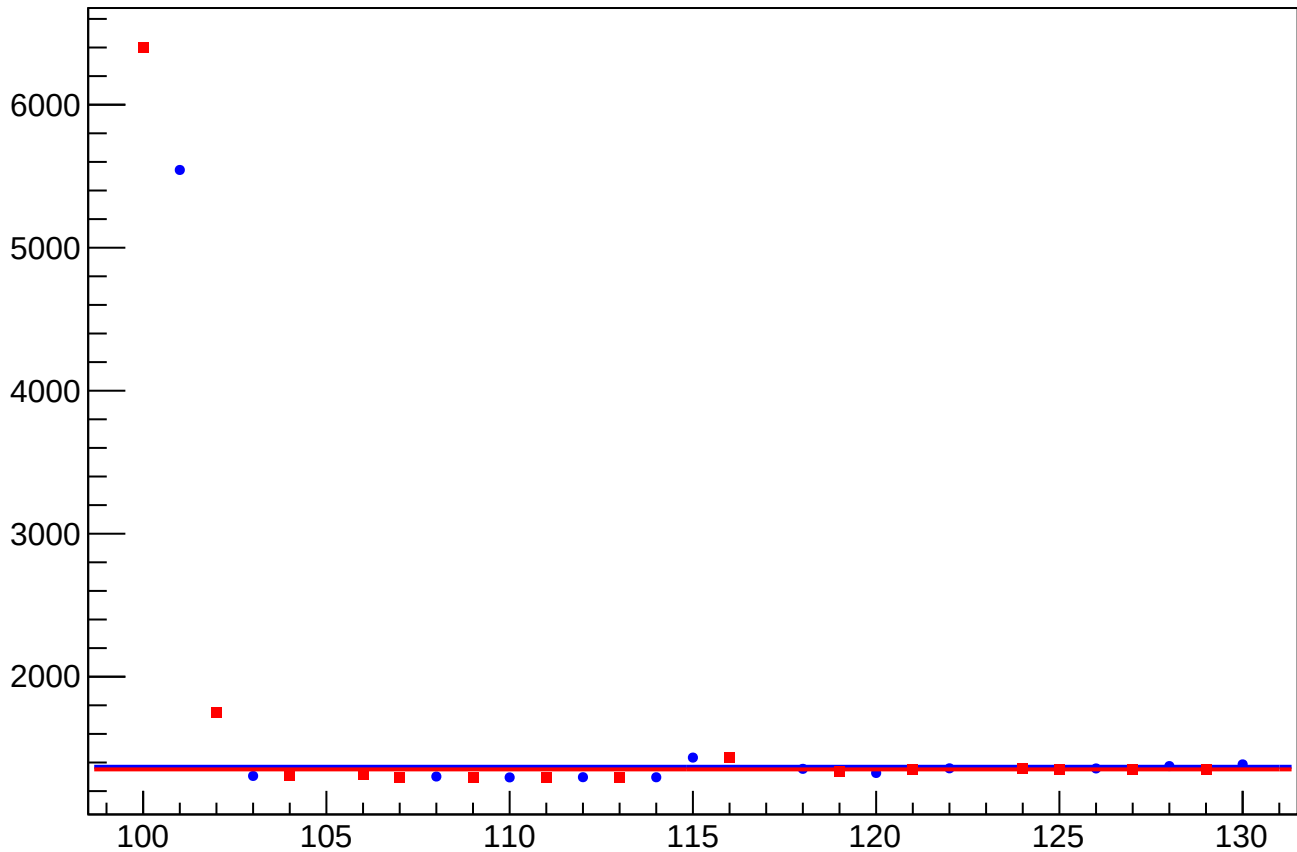
Right: -44.450+/-413.237 χ^2/NDF : 22.9/27

In: 481.821+/-603.187 χ^2/NDF : 15.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.450+/-413.237 χ^2/NDF : 22.9/27

reg_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1370.123+/-0.427 χ^2/NDF : 756245.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1351.915+/-0.401 χ^2/NDF : 146491.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

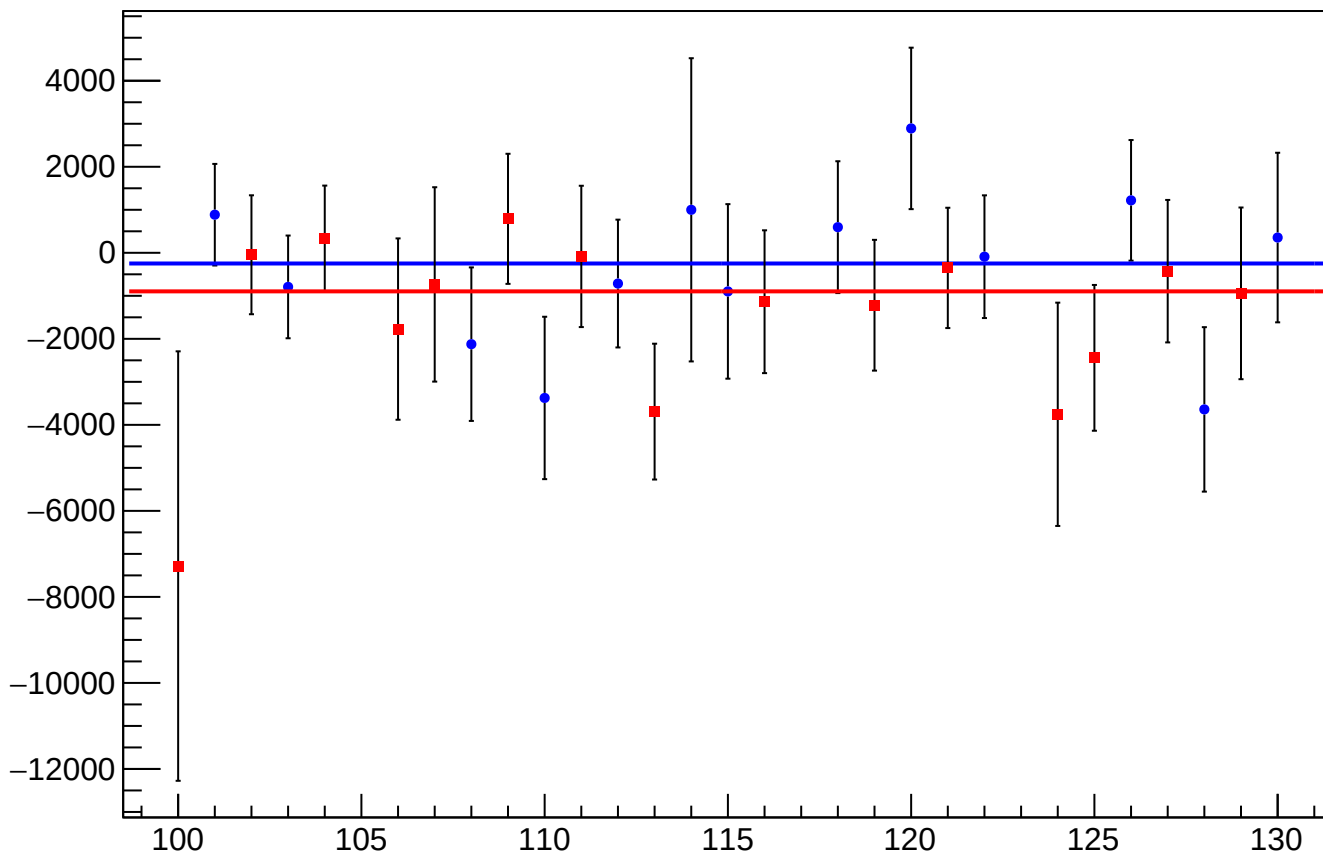
Right: 1360.461+/-0.292 χ^2/NDF : 903703.1/27

In: 1370.123+/-0.427 χ^2/NDF : 756245.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1360.461+/-0.292 χ^2/NDF : 903703.1/27

asym_usr_atr1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -248.606+/-445.870 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -896.565+/-435.529 χ^2/NDF : 10.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

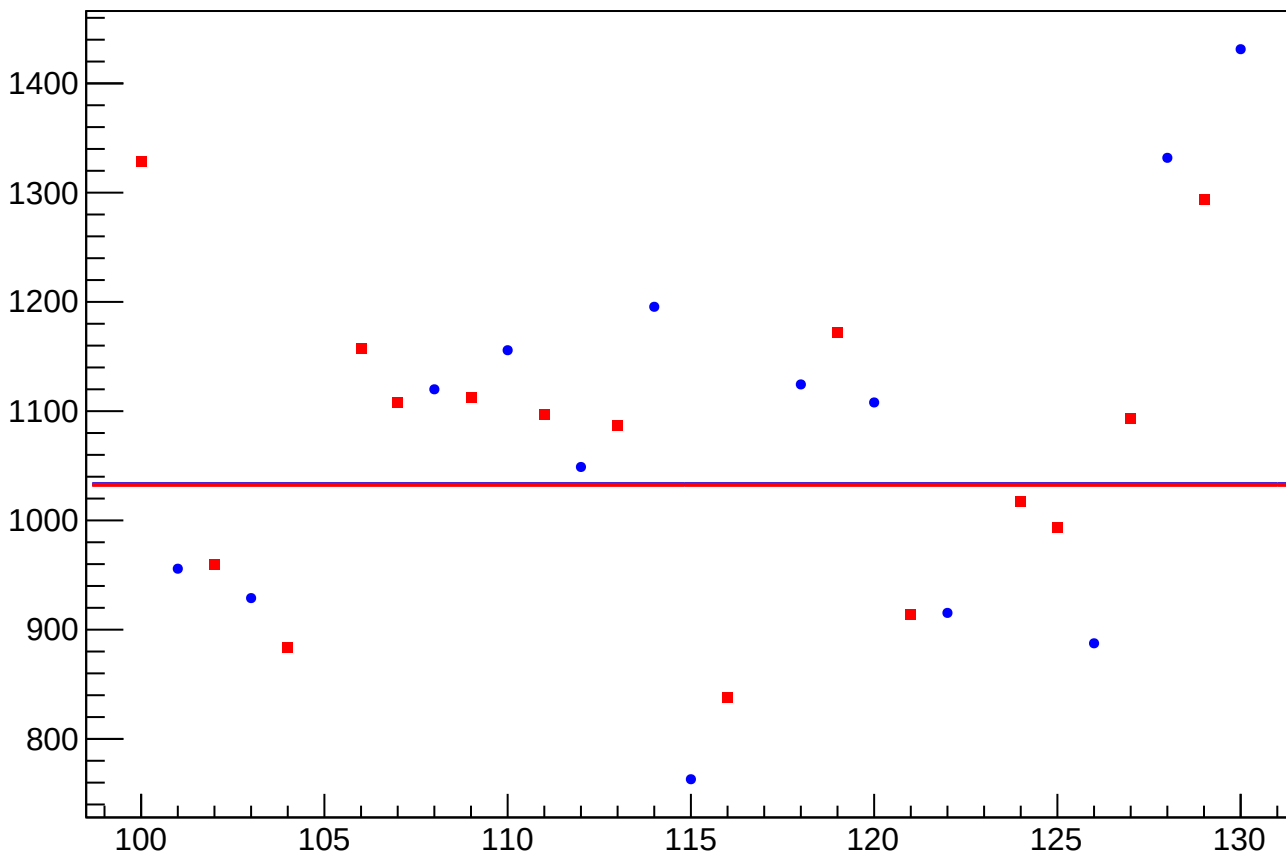
Right: -580.186+/-311.557 χ^2/NDF : 24.0/27

In: -248.606+/-445.870 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -580.186+/-311.557 χ^2/NDF : 24.0/27

asym_usr_atr1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1033.168+/-0.315 χ^2/NDF : 252809.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1032.563+/-0.308 χ^2/NDF : 158890.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

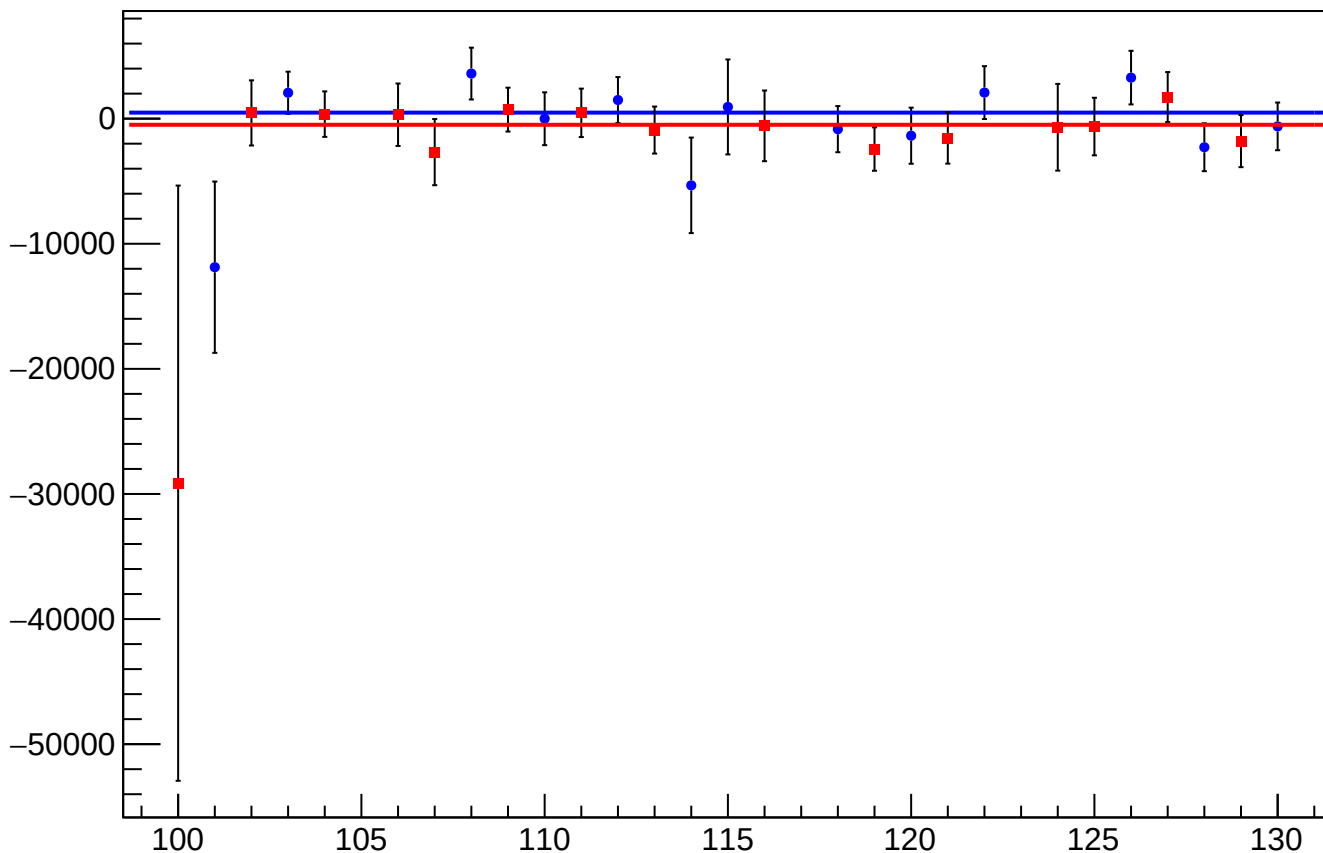
Right: 1032.858+/-0.220 χ^2/NDF : 411701.1/27

In: 1033.168+/-0.315 χ^2/NDF : 252809.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1032.858+/-0.220 χ^2/NDF : 411701.1/27

cor_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 482.169+/-603.187 χ^2/NDF : 15.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -490.579+/-569.762 χ^2/NDF : 6.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

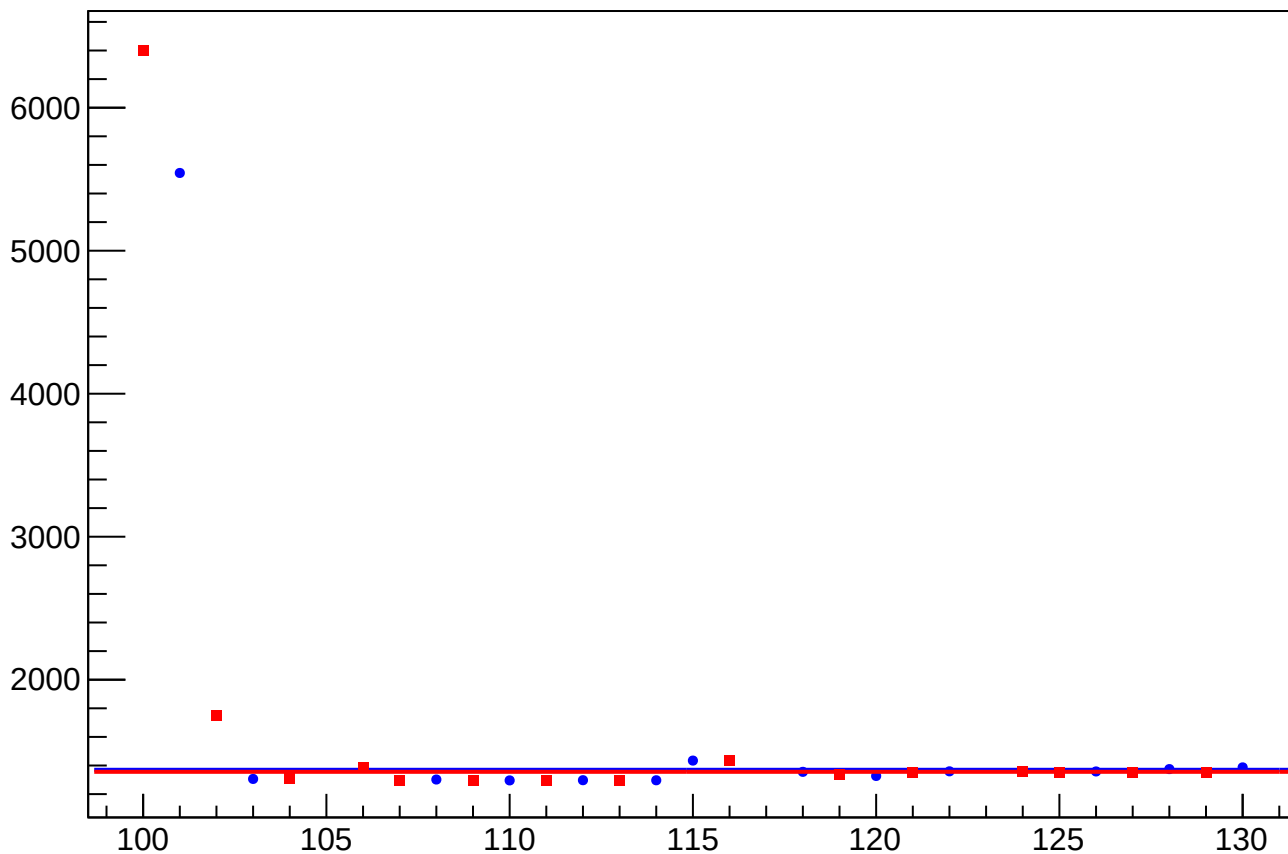
Right: -31.903+/-414.195 χ^2/NDF : 22.9/27

In: 482.169+/-603.187 χ^2/NDF : 15.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.903+/-414.195 χ^2/NDF : 22.9/27

cor_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1370.123+/-0.427 χ^2/NDF : 756244.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1355.934+/-0.403 χ^2/NDF : 146383.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

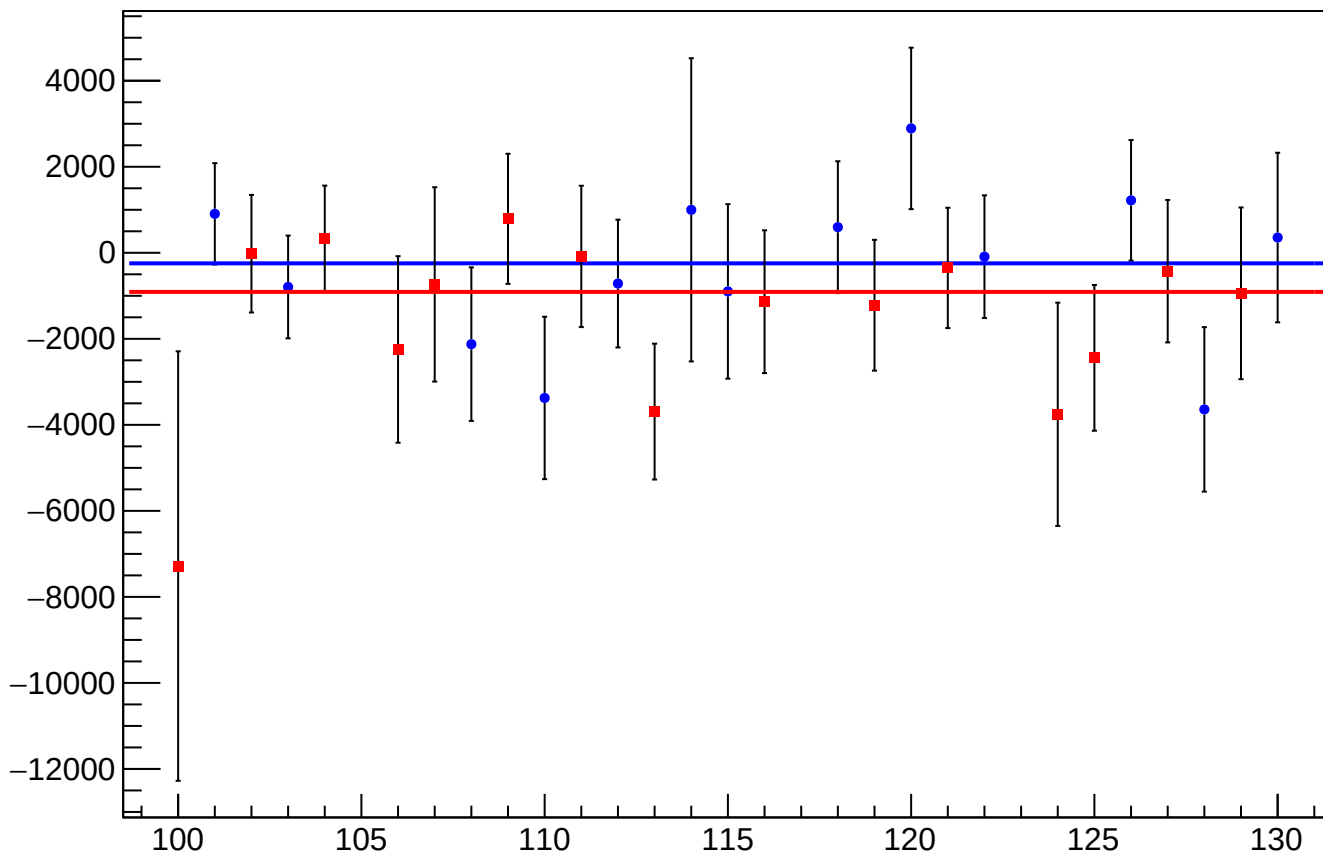
Right: 1362.625+/-0.293 χ^2/NDF : 903212.6/27

In: 1370.123+/-0.427 χ^2/NDF : 756244.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1362.625+/-0.293 χ^2/NDF : 903212.6/27

asym_usr_atr1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -245.162+/-445.739 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -909.201+/-435.544 χ^2/NDF : 10.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

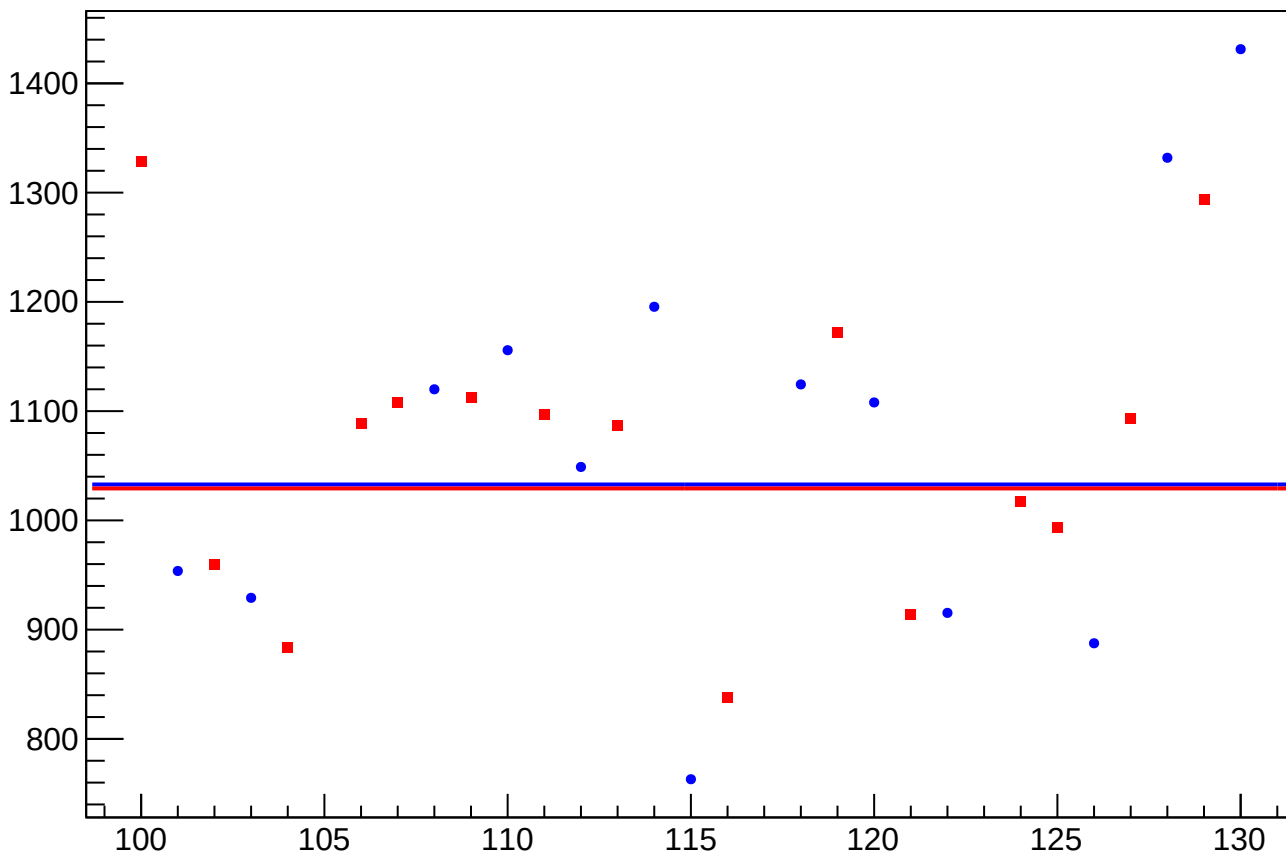
Right: -584.862+/-311.518 χ^2/NDF : 24.3/27

In: -245.162+/-445.739 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -584.862+/-311.518 χ^2/NDF : 24.3/27

asym_usr_atr1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1032.849+/-0.315 χ^2/NDF : 253263.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1029.242+/-0.308 χ^2/NDF : 153417.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

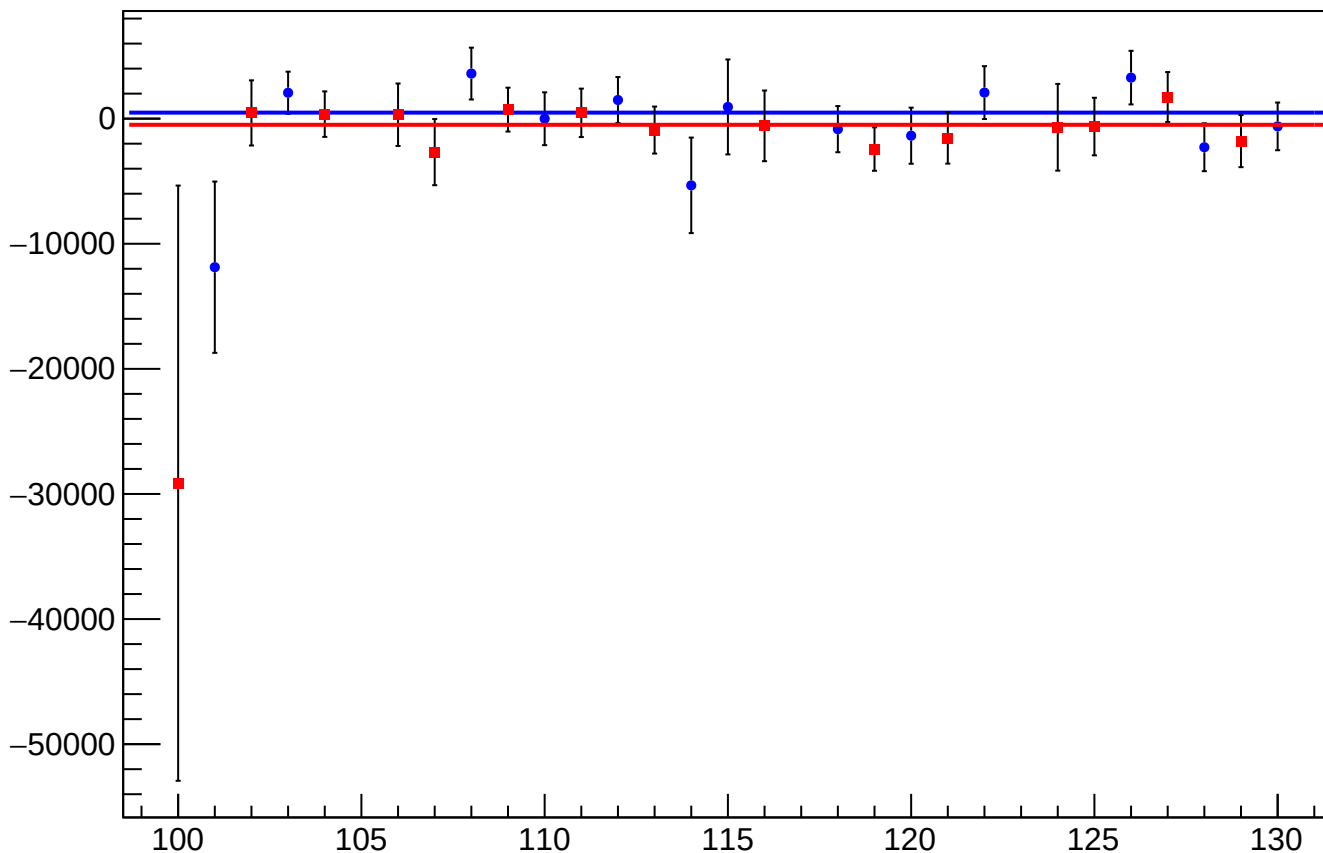
Right: 1031.004+/-0.220 χ^2/NDF : 406747.8/27

In: 1032.849+/-0.315 χ^2/NDF : 253263.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1031.004+/-0.220 χ^2/NDF : 406747.8/27

eigen_cor_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 482.169+/-603.187 χ^2/NDF : 15.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -490.579+/-569.762 χ^2/NDF : 6.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

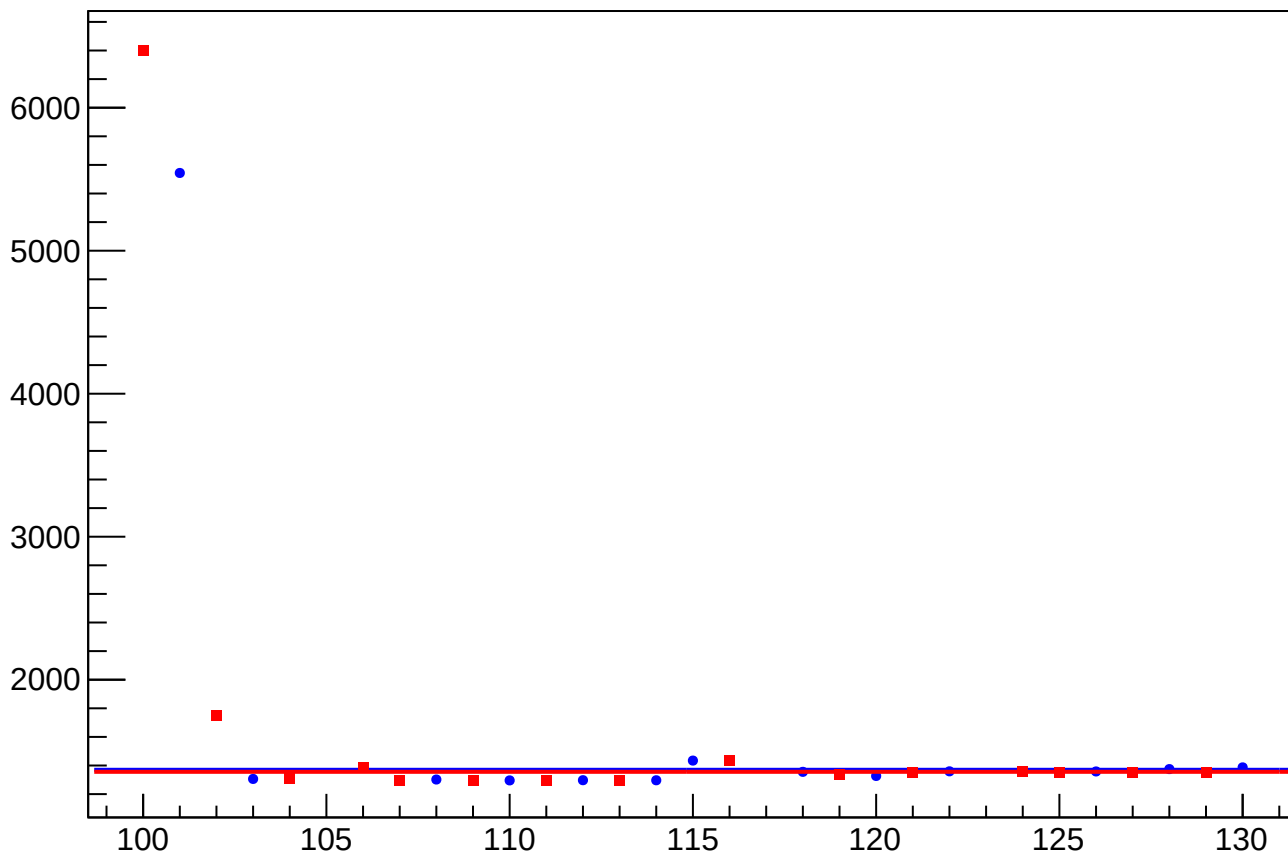
Right: -31.903+/-414.195 χ^2/NDF : 22.9/27

In: 482.169+/-603.187 χ^2/NDF : 15.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.903+/-414.195 χ^2/NDF : 22.9/27

eigen_cor_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1370.123+/-0.427 χ^2/NDF : 756244.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1355.934+/-0.403 χ^2/NDF : 146383.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

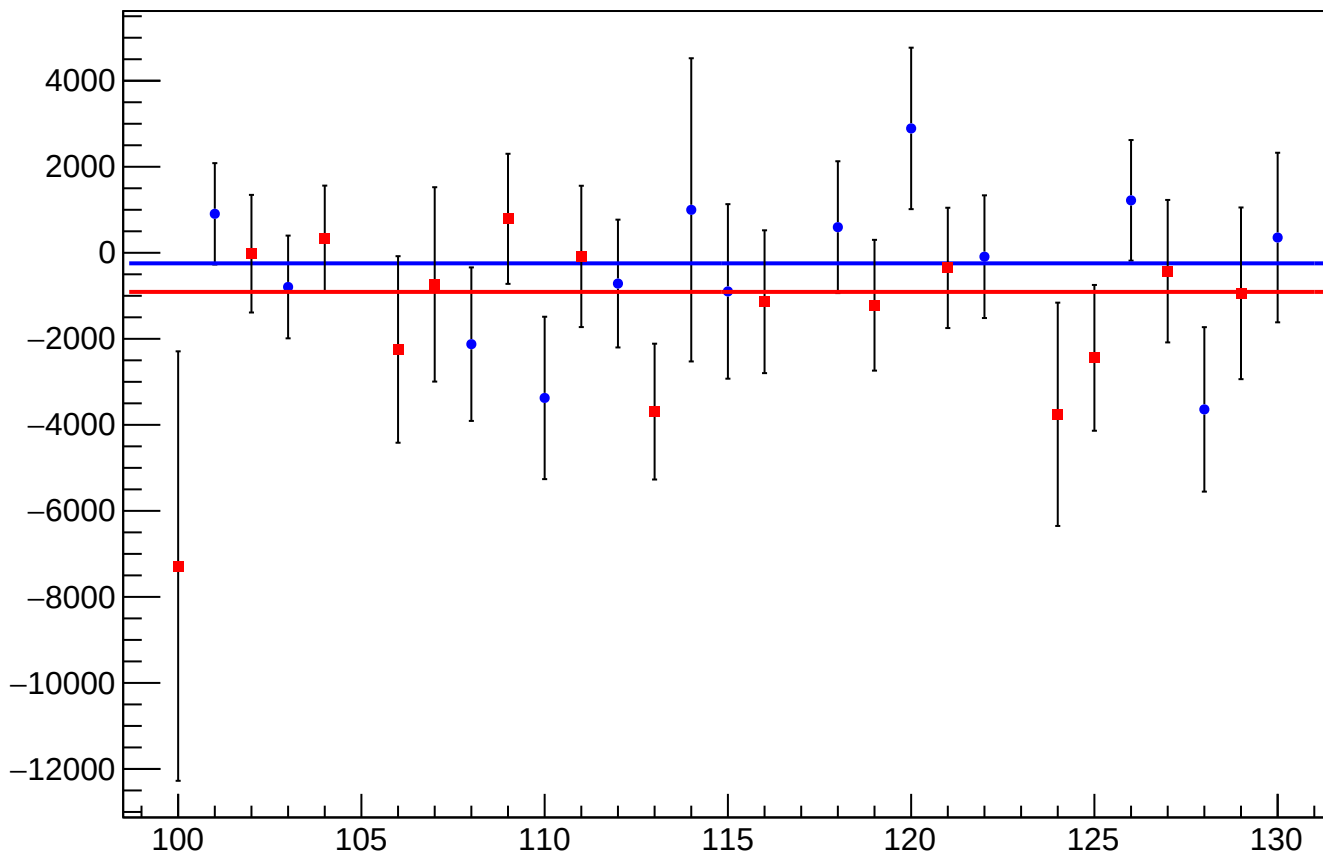
Right: 1362.625+/-0.293 χ^2/NDF : 903212.6/27

In: 1370.123+/-0.427 χ^2/NDF : 756244.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1362.625+/-0.293 χ^2/NDF : 903212.6/27

asym_usr_atr1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -245.162+/-445.739 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -909.201+/-435.544 χ^2/NDF : 10.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

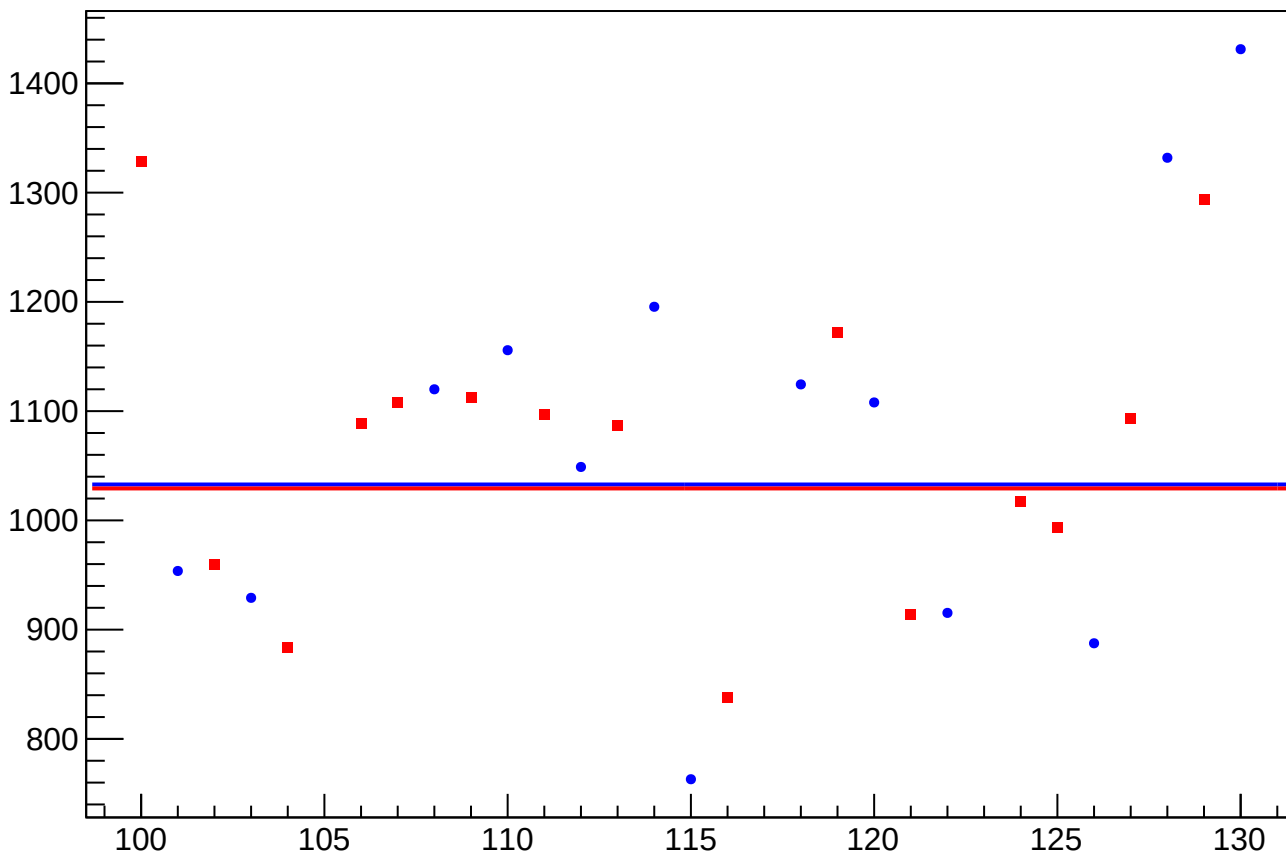
Right: -584.862+/-311.518 χ^2/NDF : 24.3/27

In: -245.162+/-445.739 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -584.862+/-311.518 χ^2/NDF : 24.3/27

asym_usr_atr1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1032.849+/-0.315 χ^2/NDF : 253263.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1029.242+/-0.308 χ^2/NDF : 153417.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

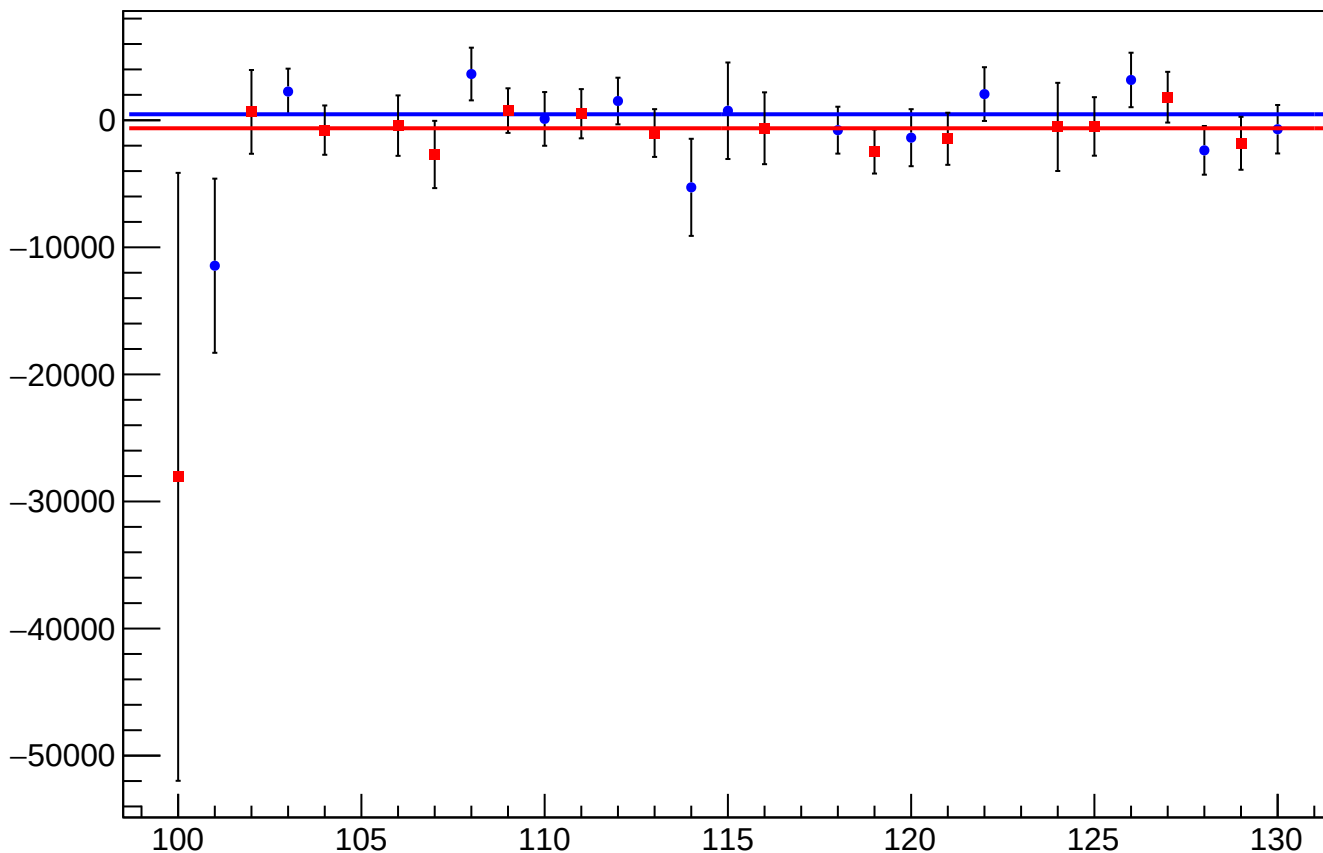
Right: 1031.004+/-0.220 χ^2/NDF : 406747.8/27

In: 1032.849+/-0.315 χ^2/NDF :253263.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1031.004+/-0.220 χ^2/NDF : 406747.8/27

dit_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 470.941+/-608.365 χ^2/NDF : 14.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -631.132+/-577.251 χ^2/NDF : 6.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

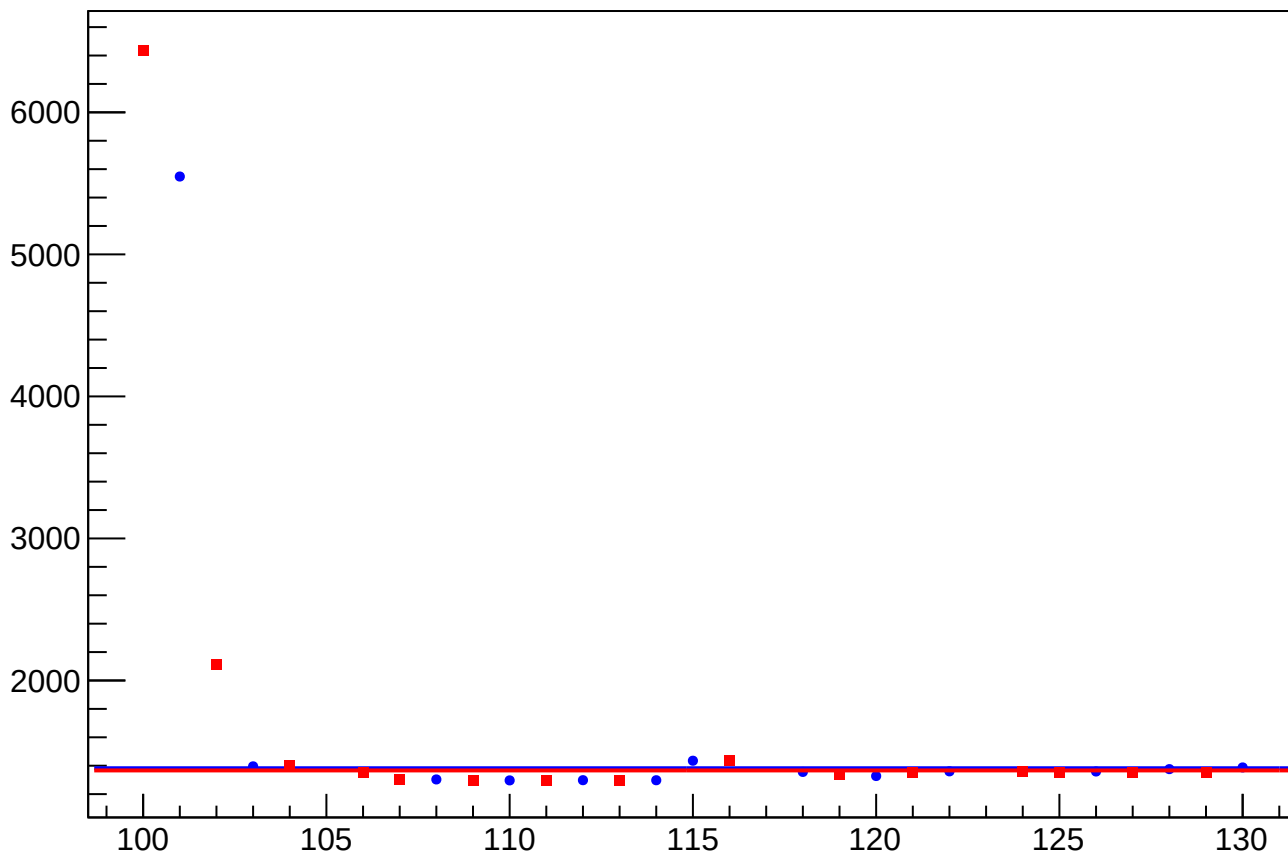
Right: -108.998+/-418.746 χ^2/NDF : 22.8/27

In: 470.941+/-608.365 χ^2/NDF : 14.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -108.998+/-418.746 χ^2/NDF : 22.8/27

dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1382.109+/-0.430 χ^2/NDF : 753123.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1366.880+/-0.408 χ^2/NDF : 203806.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

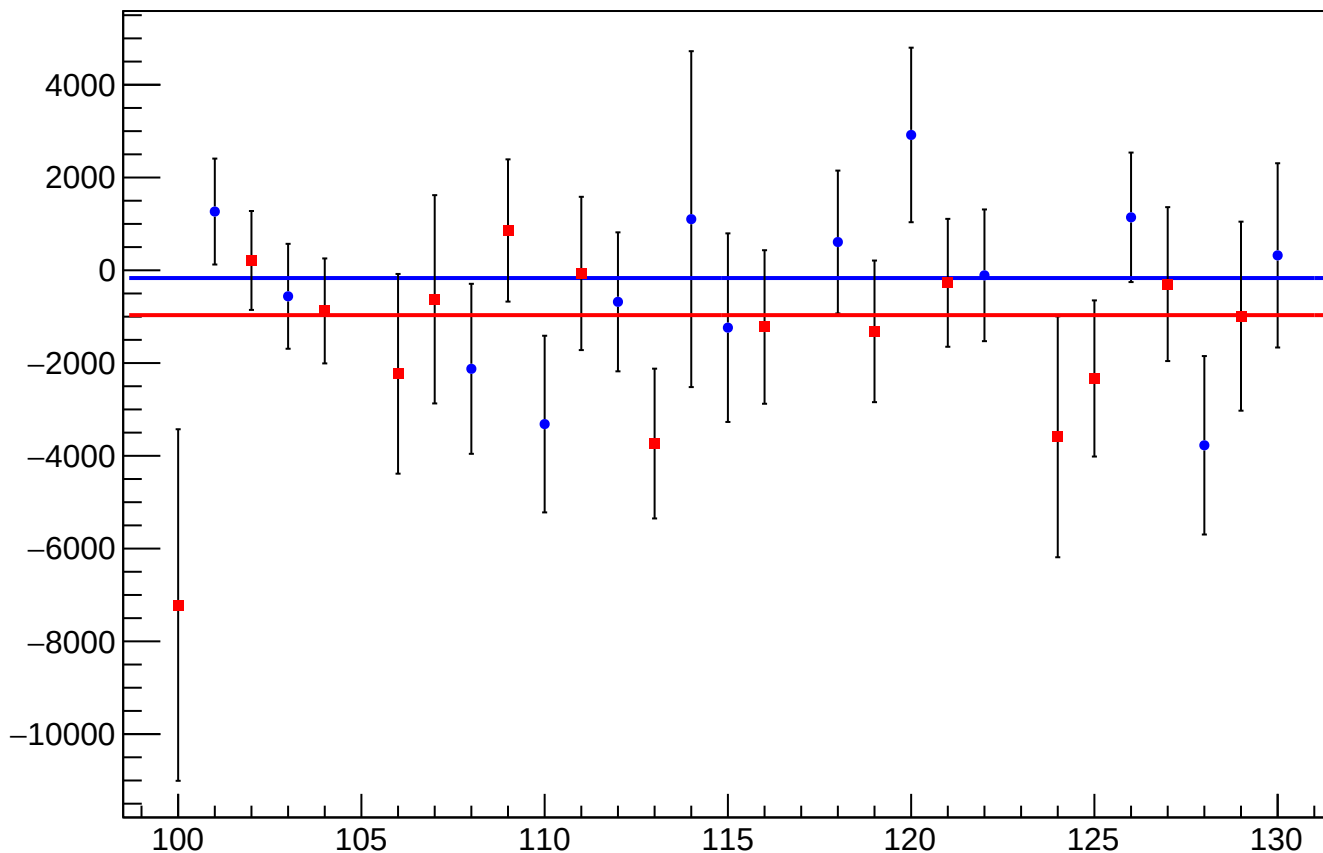
Right: 1374.095+/-0.296 χ^2/NDF : 957589.6/27

In: 1382.109+/-0.430 χ^2/NDF : 753123.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1374.095+/-0.296 χ^2/NDF : 957589.6/27

asym_usr_atr1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -167.097+/-441.827 χ^2/NDF : 13.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -966.691+/-417.236 χ^2/NDF : 11.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

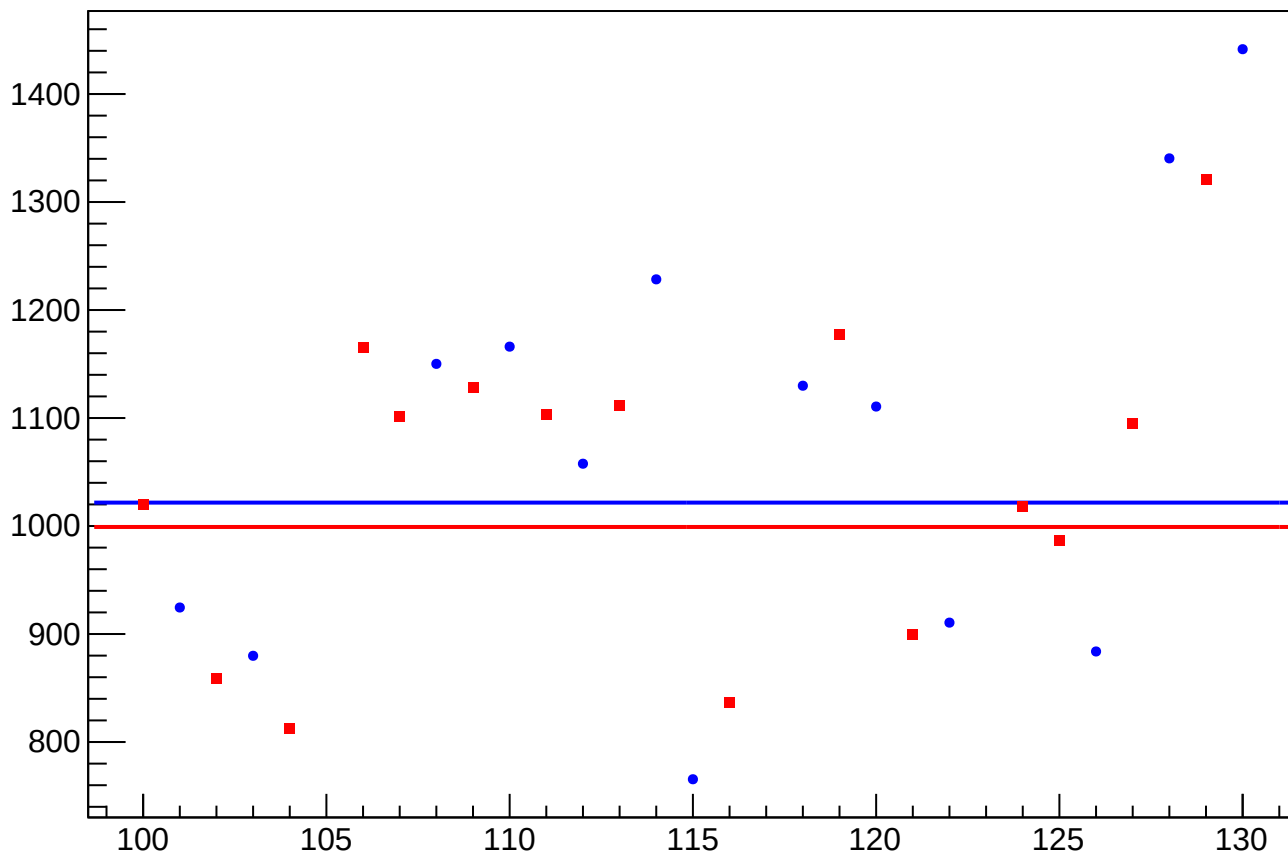
Right: -589.764+/-303.352 χ^2/NDF : 26.4/27

In: -167.097+/-441.827 χ^2/NDF : 13.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -589.764+/-303.352 χ^2/NDF : 26.4/27

asym_usr_atr1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1021.676+/-0.312 χ^2/NDF : 297028.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 999.118+/-0.295 χ^2/NDF : 250438.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

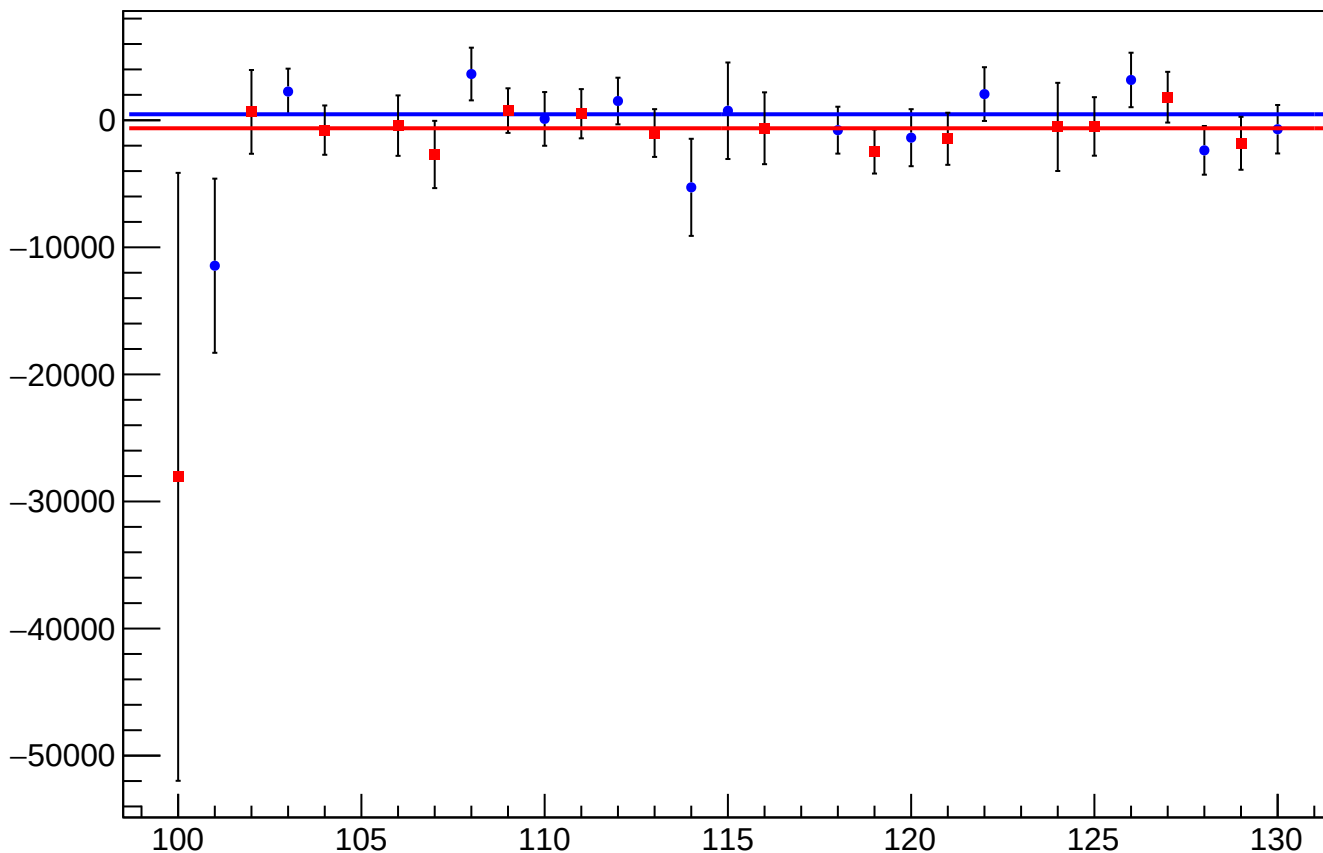
Right: 1009.752+/-0.215 χ^2/NDF : 550222.4/27

In: 1021.676+/-0.312 χ^2/NDF : 297028.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1009.752+/-0.215 χ^2/NDF : 550222.4/27

eigen_dit_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 470.943+/-608.365 χ^2/NDF : 14.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -631.129+/-577.251 χ^2/NDF : 6.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

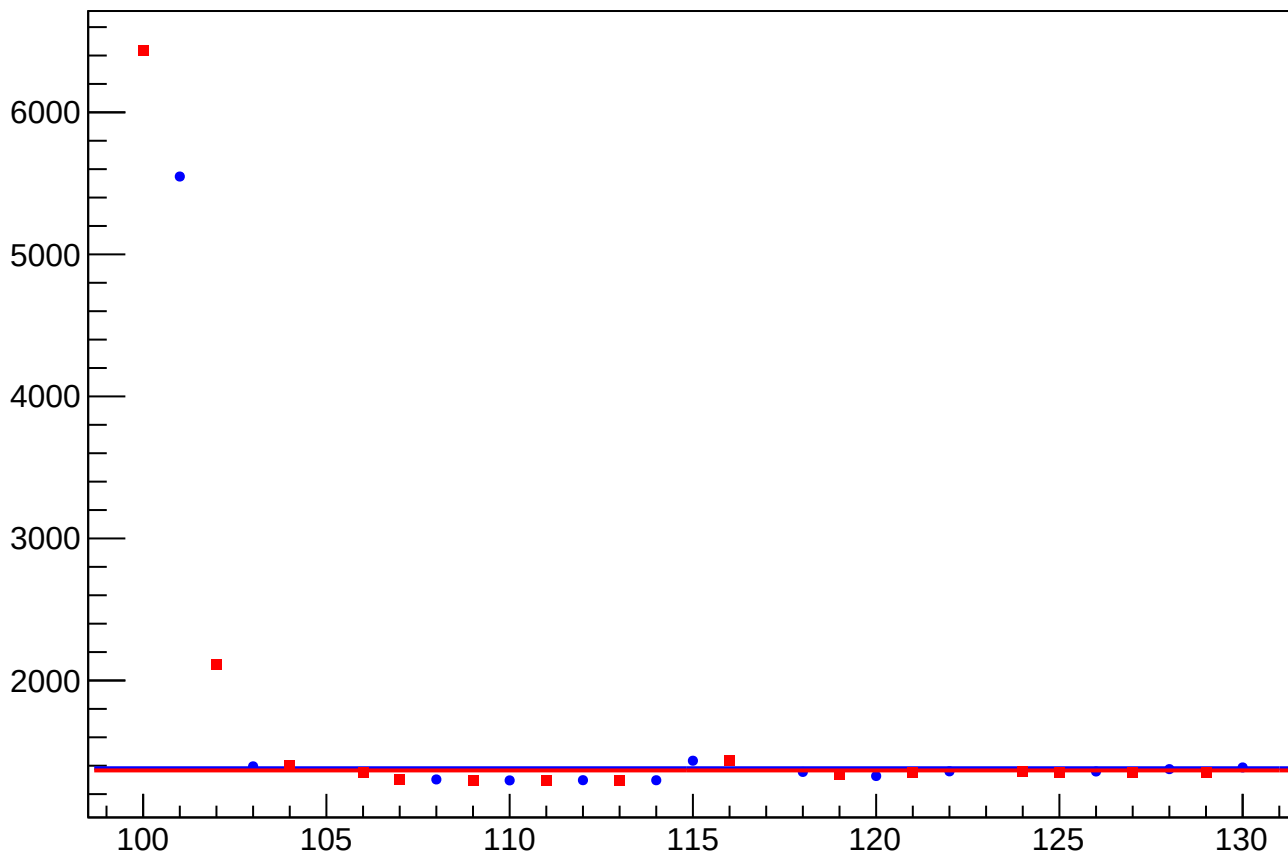
Right: -108.996+/-418.746 χ^2/NDF : 22.8/27

In: 470.943+/-608.365 χ^2/NDF : 14.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -108.996+/-418.746 χ^2/NDF : 22.8/27

eigen_dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1382.109+/-0.430 χ^2/NDF : 753123.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1366.880+/-0.408 χ^2/NDF : 203806.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

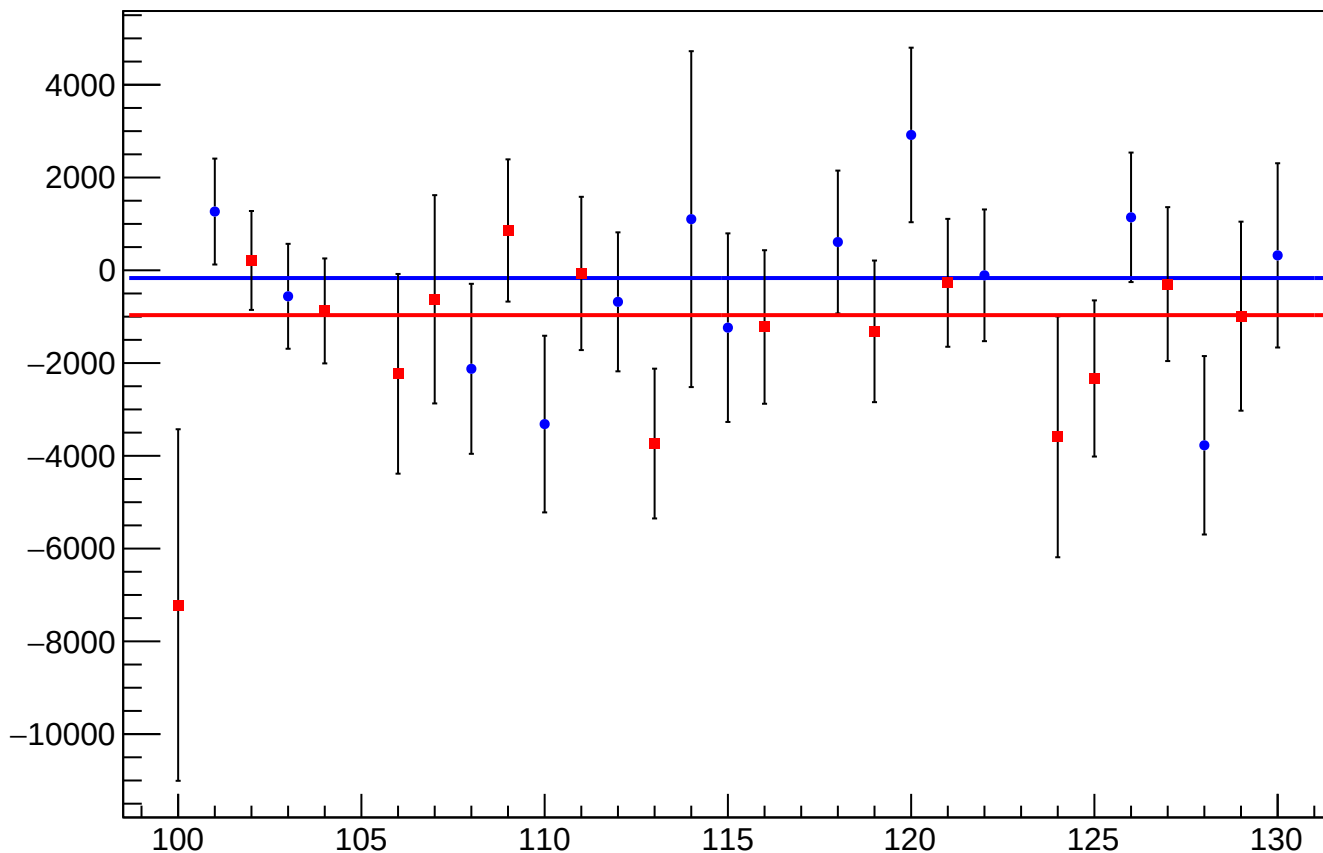
Right: 1374.095+/-0.296 χ^2/NDF : 957589.6/27

In: 1382.109+/-0.430 χ^2/NDF : 753123.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1374.095+/-0.296 χ^2/NDF : 957589.6/27

asym_usr_atr1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -167.097 $\pm$ 441.826 χ^2 /NDF: 13.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -966.690 $\pm$ 417.236 χ^2 /NDF: 11.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

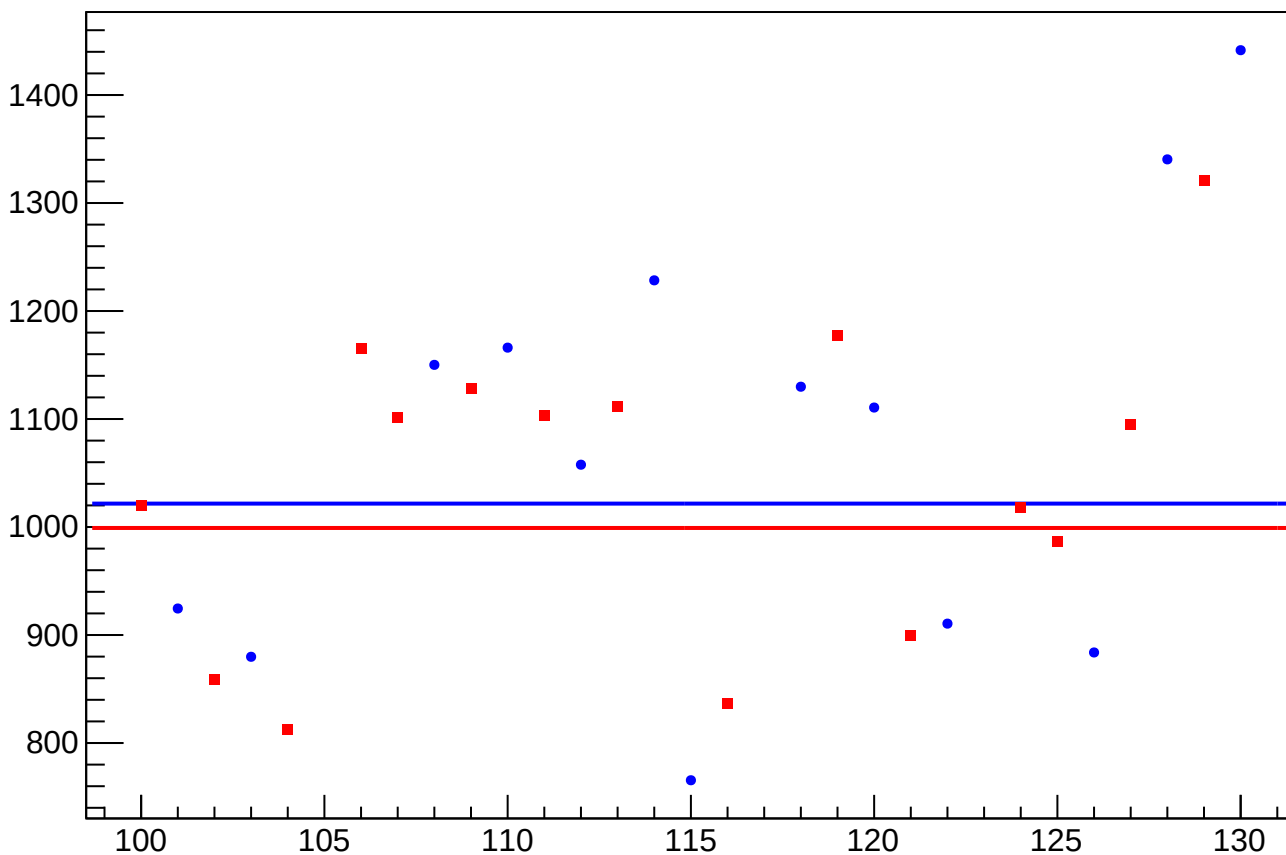
Right: -589.763 $\pm$ 303.351 χ^2 /NDF: 26.4/27

In: -167.097 $\pm$ 441.826 χ^2 /NDF:13.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -589.763 $\pm$ 303.351 χ^2 /NDF: 26.4/27

asym_usr_atr1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1021.674+/-0.312 χ^2/NDF : 297022.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 999.117+/-0.295 χ^2/NDF : 250432.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

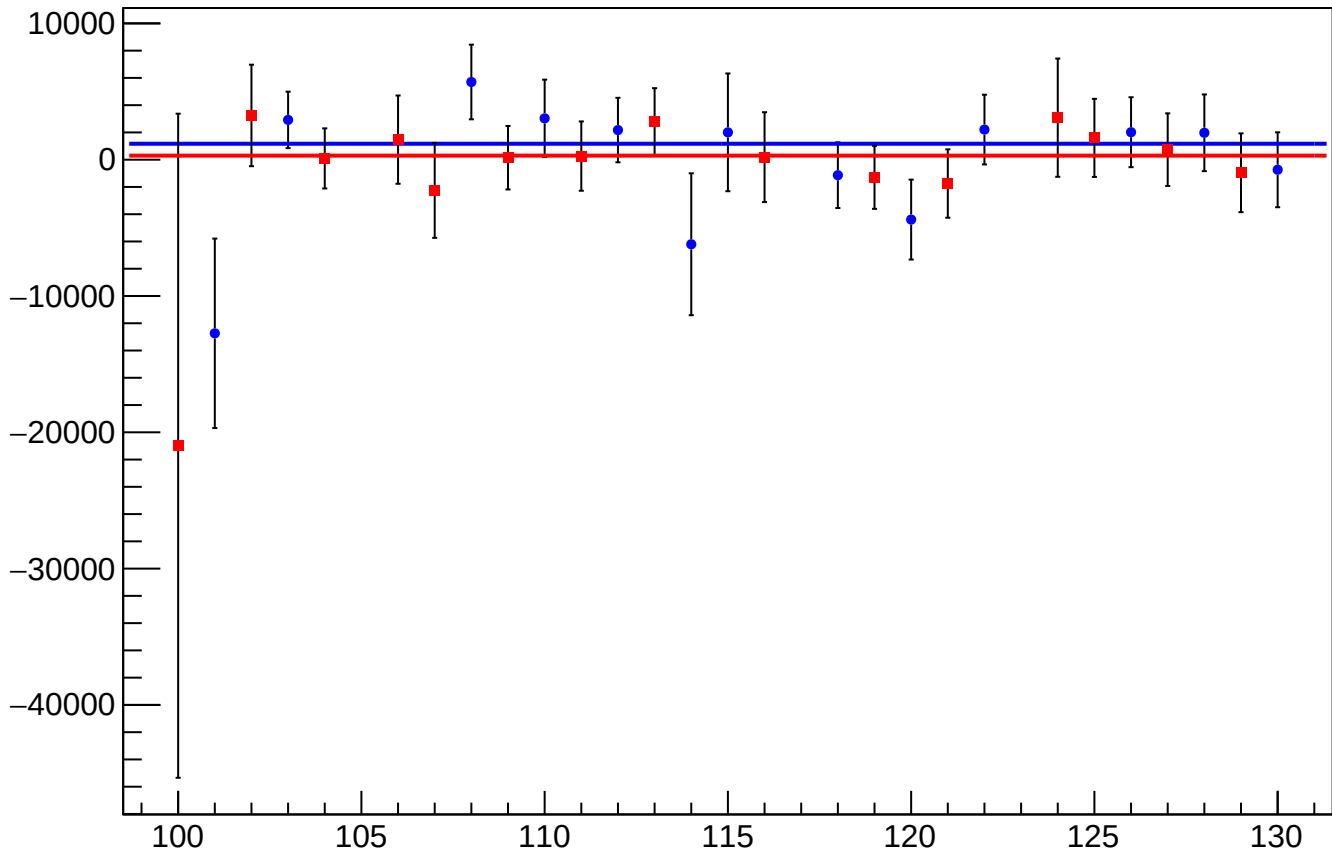
Right: 1009.750+/-0.215 χ^2/NDF : 550209.8/27

In: 1021.674+/-0.312 χ^2/NDF : 297022.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1009.750+/-0.215 χ^2/NDF : 550209.8/27

asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1169.285 $\pm$ 782.516 χ^2 /NDF: 15.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 297.838 $\pm$ 738.061 χ^2 /NDF: 5.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

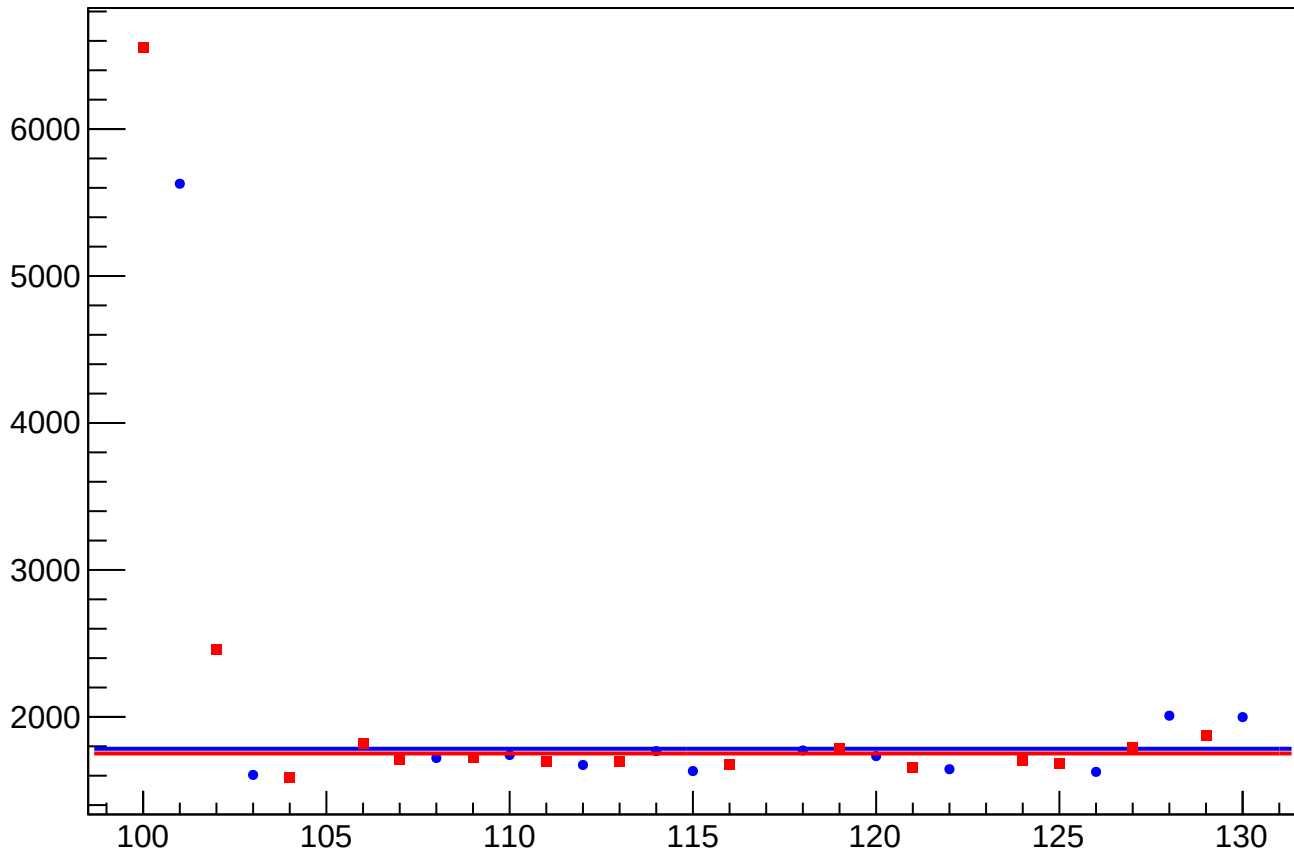
Right: 708.106 $\pm$ 536.916 χ^2 /NDF: 21.2/27

In: 1169.285 $\pm$ 782.516 χ^2 /NDF:15.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 708.106 $\pm$ 536.916 χ^2 /NDF: 21.2/27

asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1783.269+/-0.553 χ^2/NDF : 674194.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1751.272+/-0.522 χ^2/NDF : 174295.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

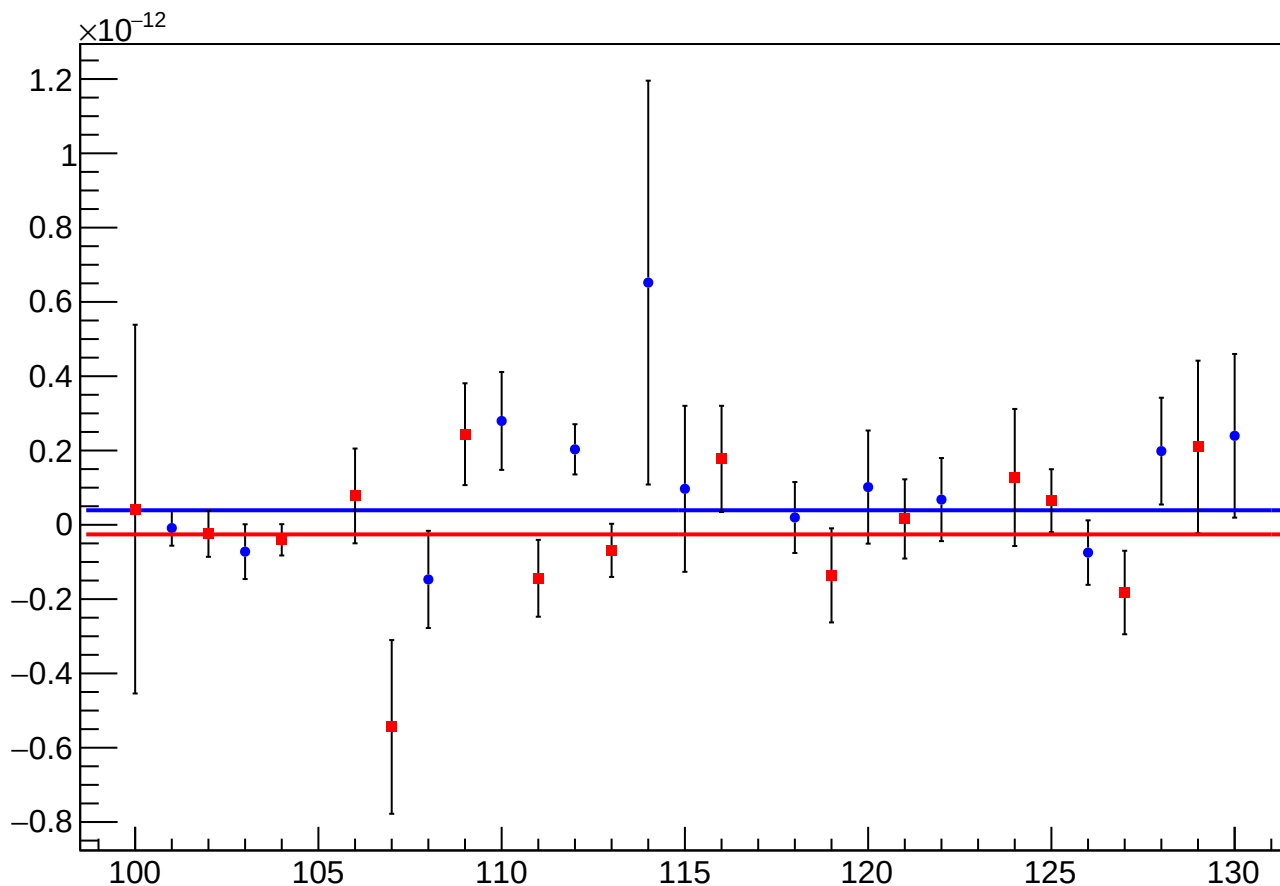
Right: 1766.336+/-0.380 χ^2/NDF : 850259.7/27

In: 1783.269+/-0.553 χ^2/NDF : 674194.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1766.336+/-0.380 χ^2/NDF : 850259.7/27

asym_usr_atr1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 19.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 19.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

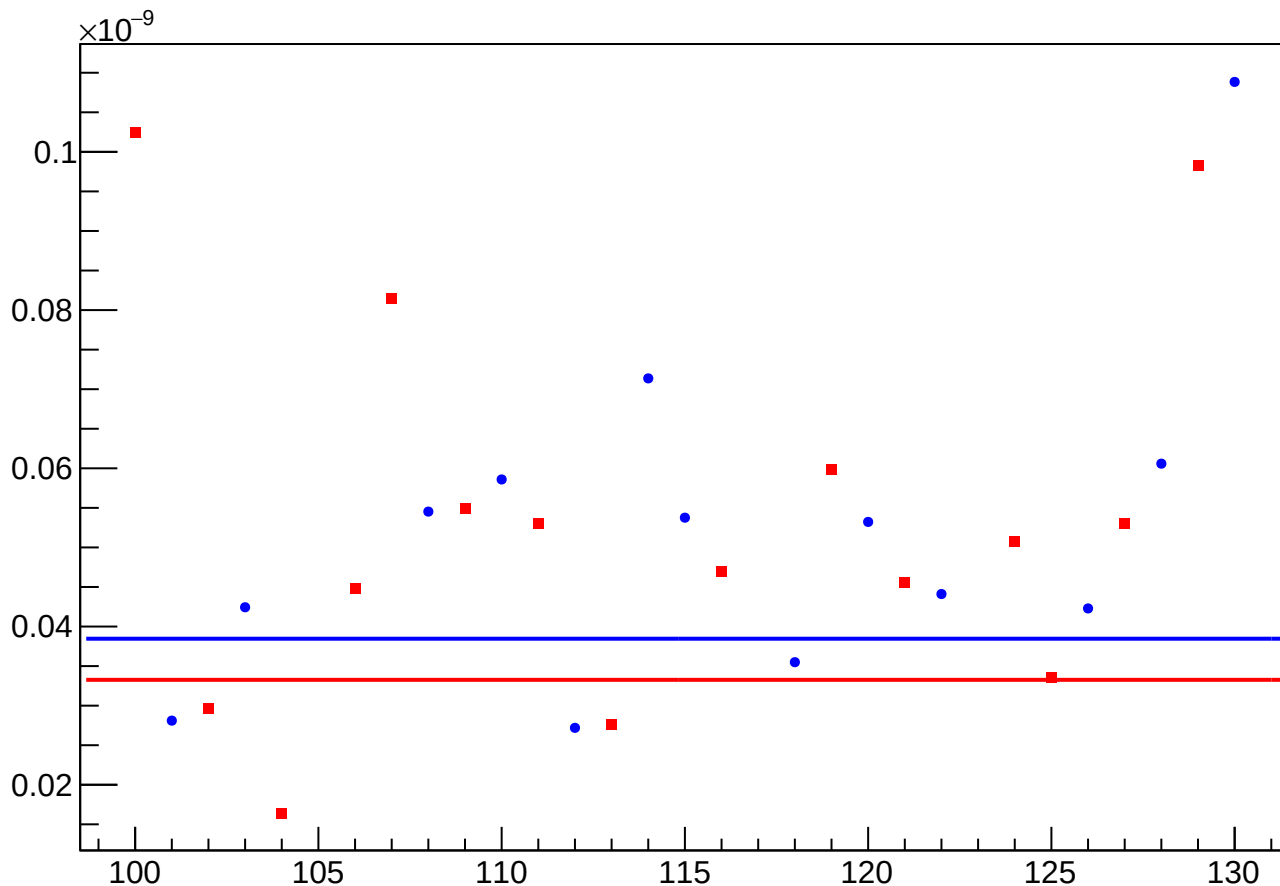
Right: 0.000+/-0.000 χ^2/NDF : 42.2/27

In: 0.000+/-0.000 χ^2/NDF : 19.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 42.2/27

asym_usr_atr1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 530917.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 974800.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

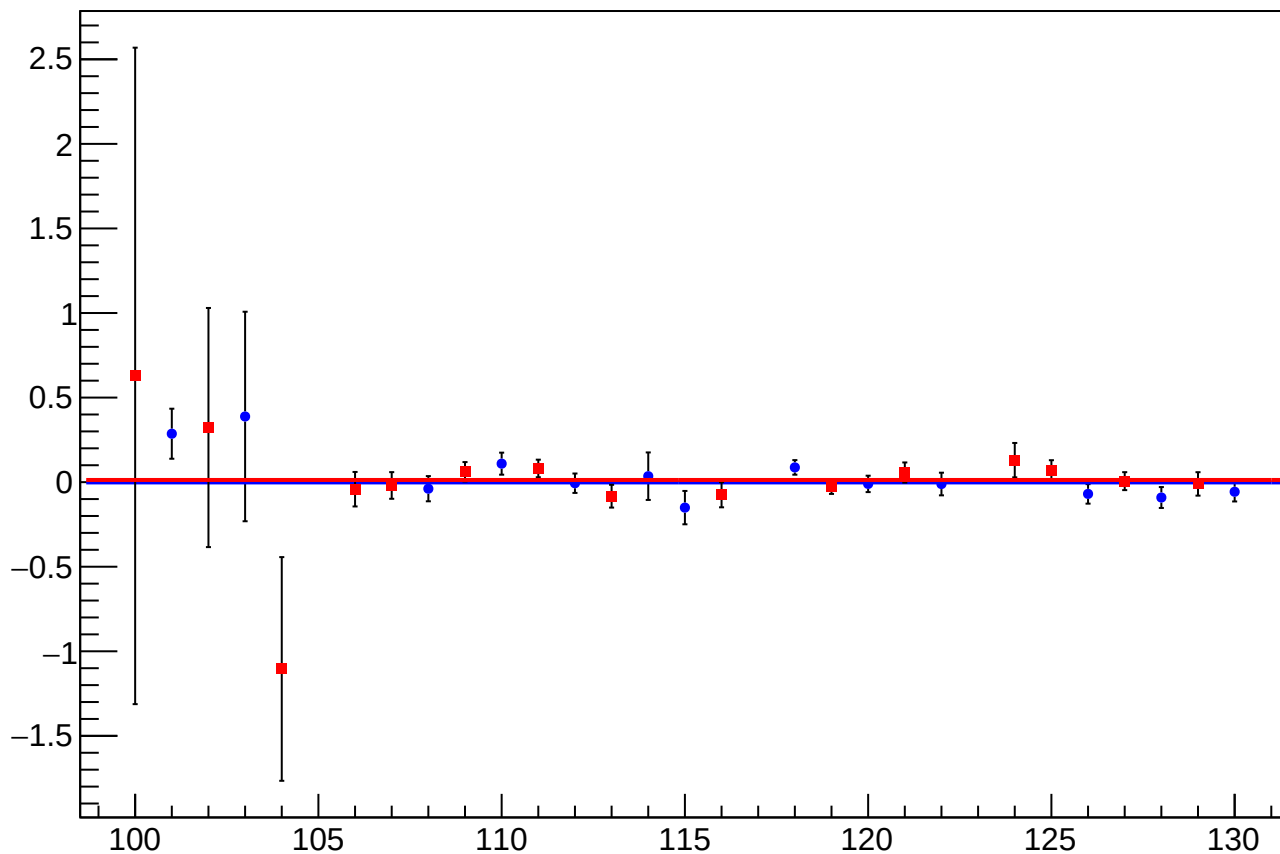
Right: 0.000+/-0.000 χ^2/NDF : 1547710.0/27

In: 0.000+/-0.000 χ^2/NDF : 530917.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1547710.0/27

asym_usr_atr1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 ± 0.018 χ^2/NDF : 18.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.013 ± 0.018 χ^2/NDF : 13.3/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

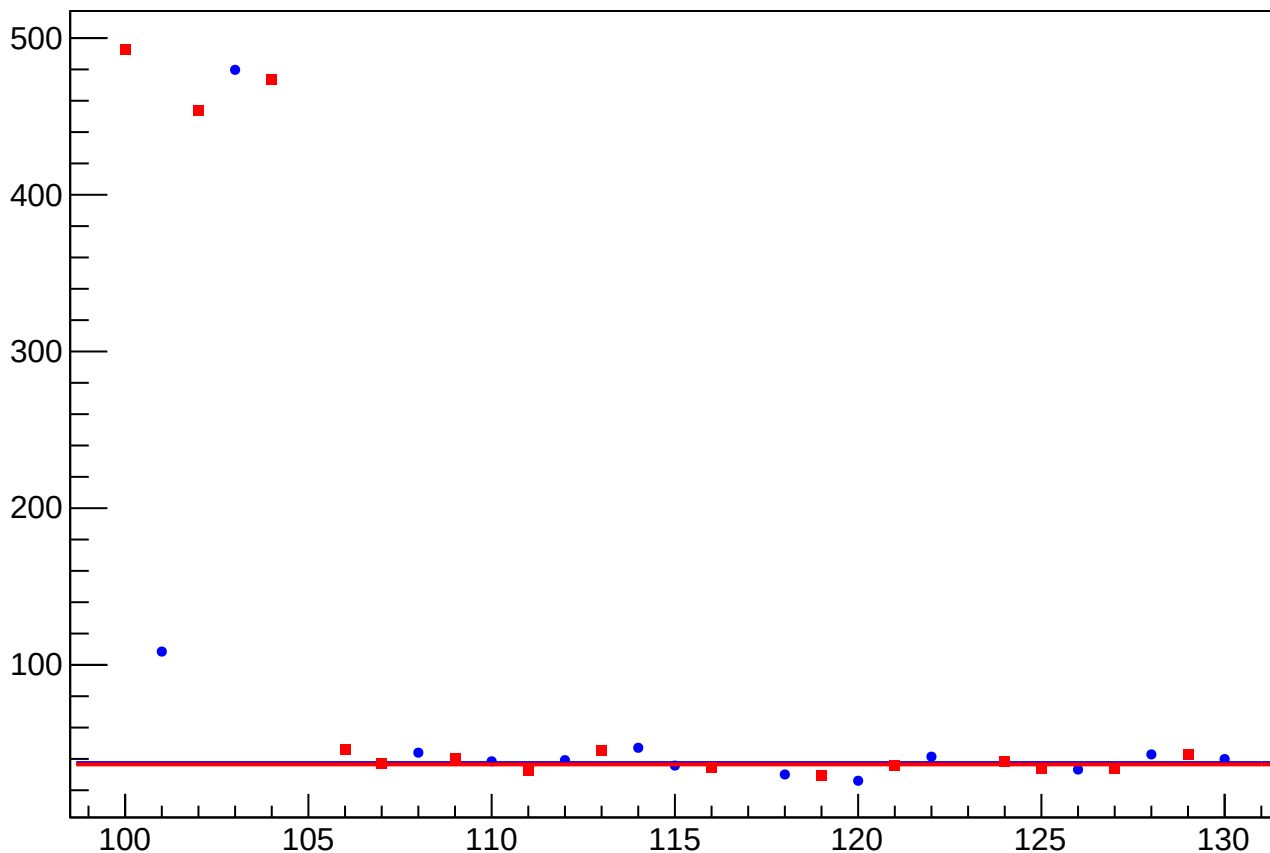
Right: 0.006 ± 0.013 χ^2/NDF : 32.0/27

In: -0.002 ± 0.018 χ^2/NDF : 18.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.006 ± 0.013 χ^2/NDF : 32.0/27

asym_usr_atr1_dd_dit_vs_Slug, Sign Corrected



Right In: 37.333+/-0.013 χ^2/NDF : 1714809.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.497+/-0.013 χ^2/NDF : 1831137.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

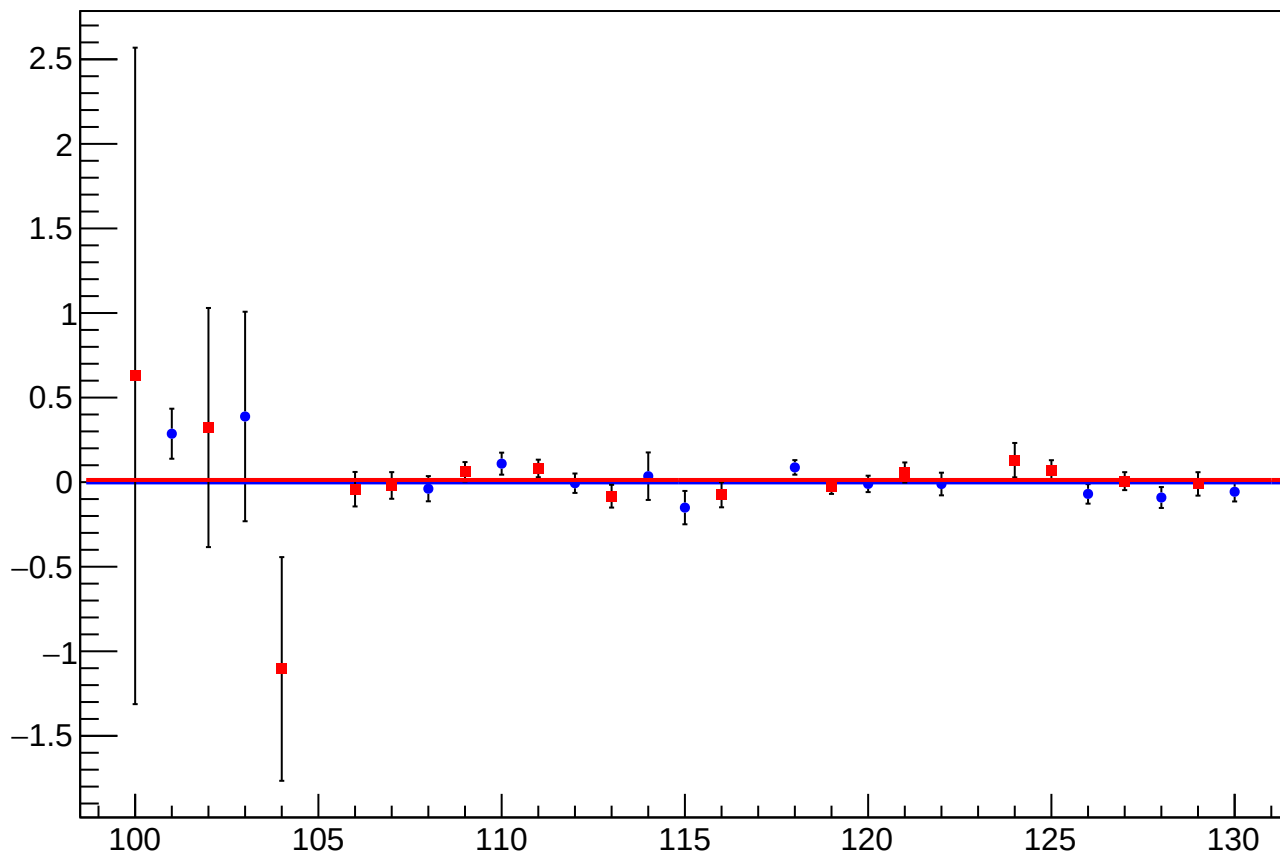
Right: 36.904+/-0.009 χ^2/NDF : 3548076.9/27

In: 37.333+/-0.013 χ^2/NDF : 1714809.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.904+/-0.009 χ^2/NDF : 3548076.9/27

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002+/-0.018 χ^2 /NDF: 18.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.013+/-0.018 χ^2 /NDF: 13.3/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

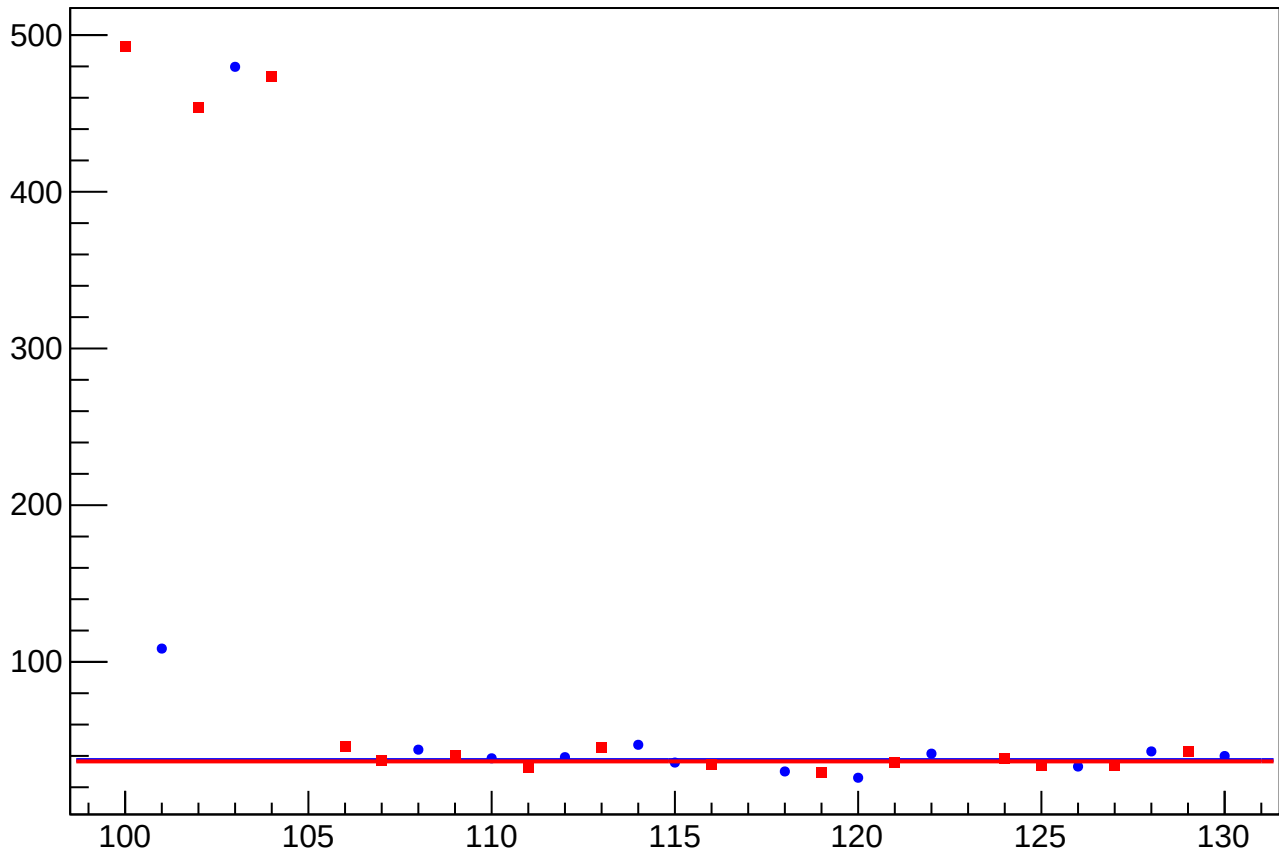
Right: 0.006+/-0.013 χ^2 /NDF: 32.0/27

In: -0.002+/-0.018 χ^2 /NDF:18.4/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.006+/-0.013 χ^2 /NDF: 32.0/27

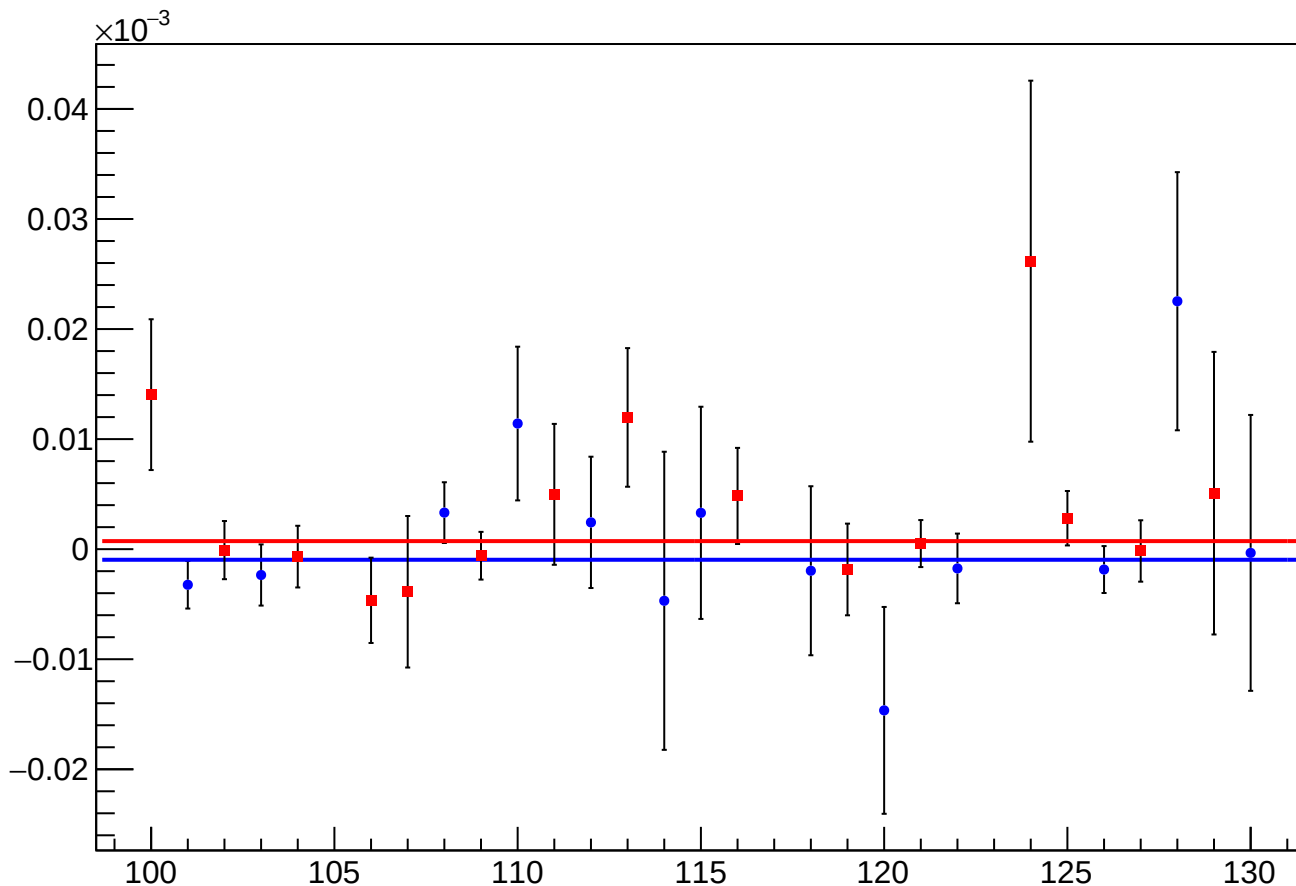
asym_usr_atr1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.333+/-0.013 χ^2/NDF : 1714809.4/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 36.497+/-0.013 χ^2/NDF : 1831137.2/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 36.904+/-0.009 χ^2/NDF : 3548076.9/27
 In: 37.333+/-0.013 χ^2/NDF : 1714809.4/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 36.904+/-0.009 χ^2/NDF : 3548076.9/27

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 13.9/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 15.1/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

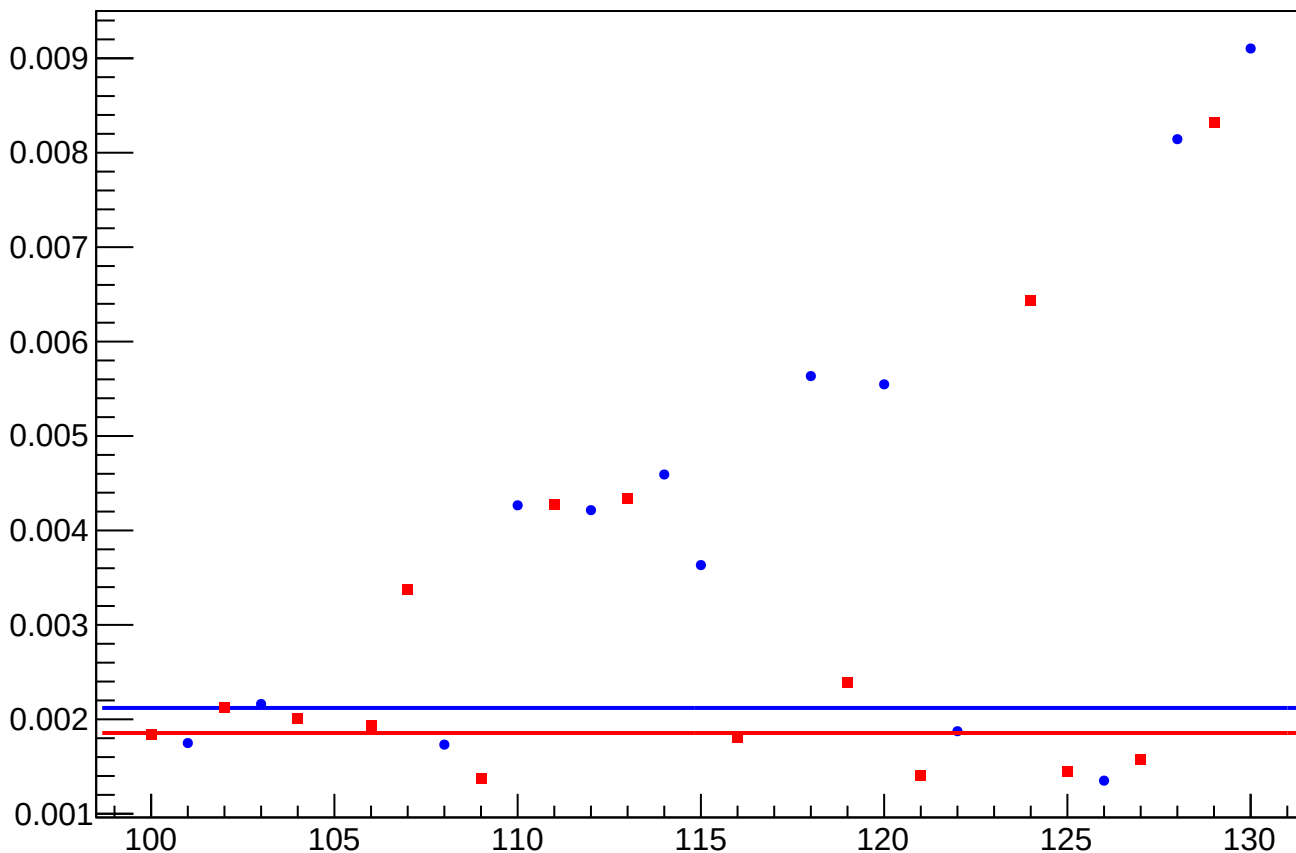
Right: 0.000+/-0.000 χ^2 /NDF: 30.5/27

In: -0.000+/-0.000 χ^2 /NDF:13.9/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 30.5/27

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2756552.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1680950.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

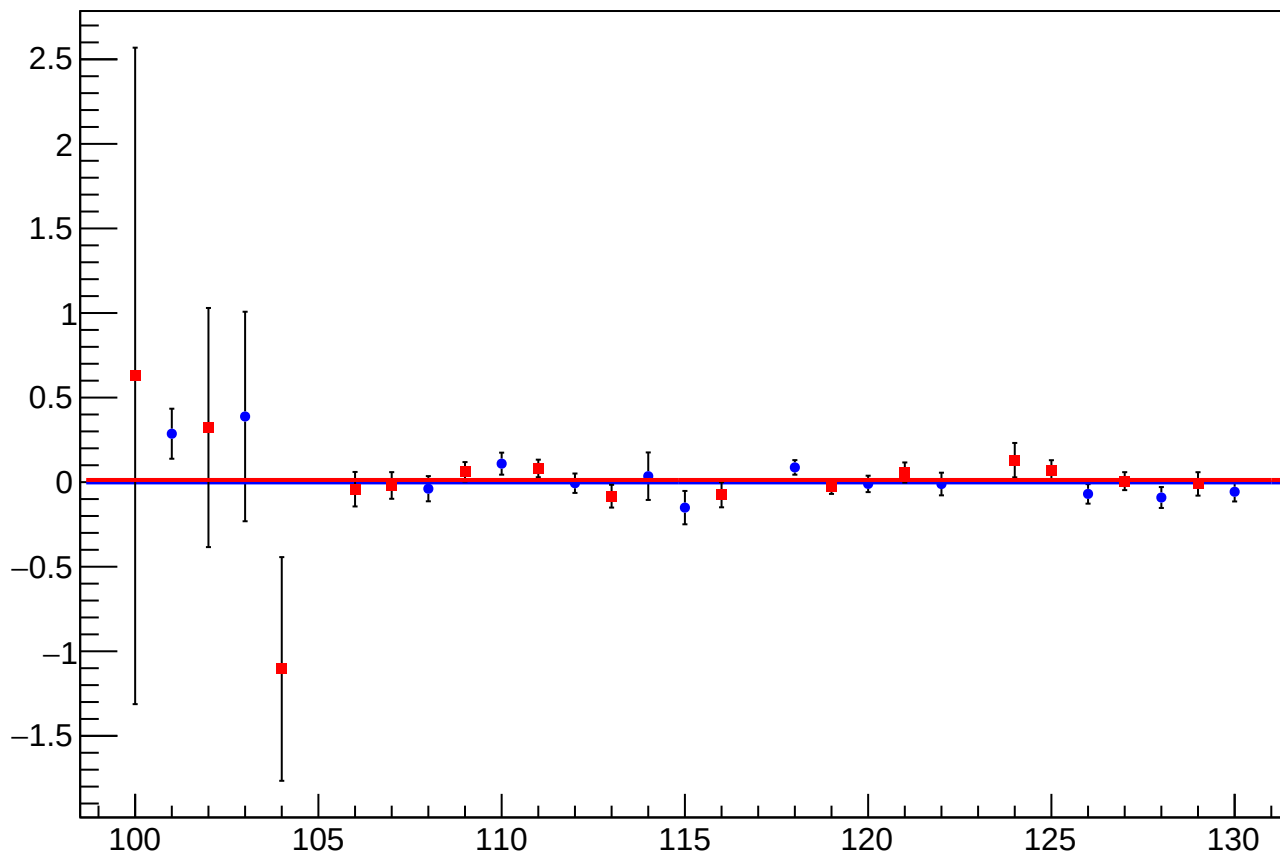
Right: 0.002+/-0.000 χ^2/NDF : 4511825.4/27

In: 0.002+/-0.000 χ^2/NDF :2756552.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4511825.4/27

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002+/-0.018 χ^2 /NDF: 18.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.013+/-0.018 χ^2 /NDF: 13.3/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

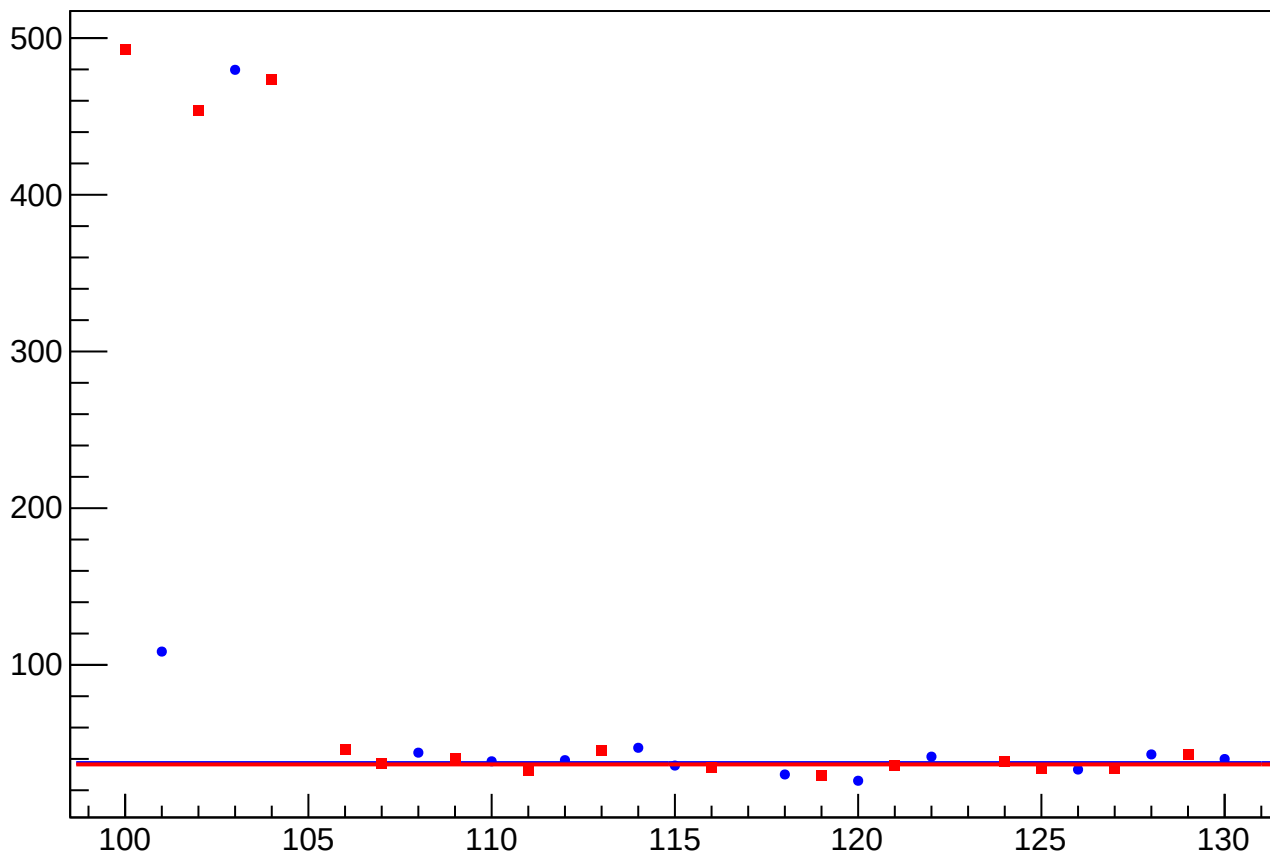
Right: 0.006+/-0.013 χ^2 /NDF: 32.0/27

In: -0.002+/-0.018 χ^2 /NDF:18.4/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.006+/-0.013 χ^2 /NDF: 32.0/27

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.332+/-0.013 χ^2/NDF : 1714813.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 36.496+/-0.013 χ^2/NDF : 1831186.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

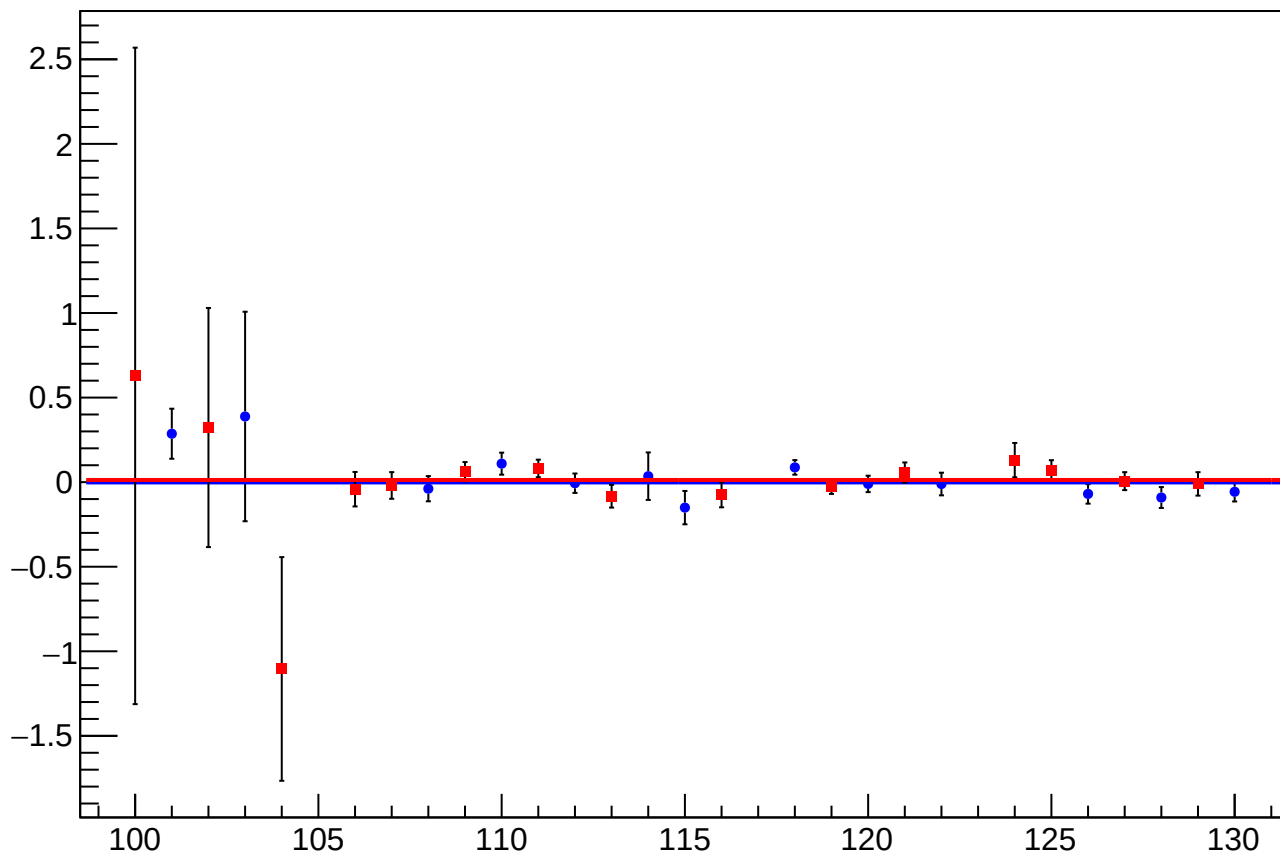
Right: 36.903+/-0.009 χ^2/NDF : 3548134.7/27

In: 37.332+/-0.013 χ^2/NDF :1714813.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 36.903+/-0.009 χ^2/NDF : 3548134.7/27

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002+/-0.018 χ^2 /NDF: 18.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.013+/-0.018 χ^2 /NDF: 13.3/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

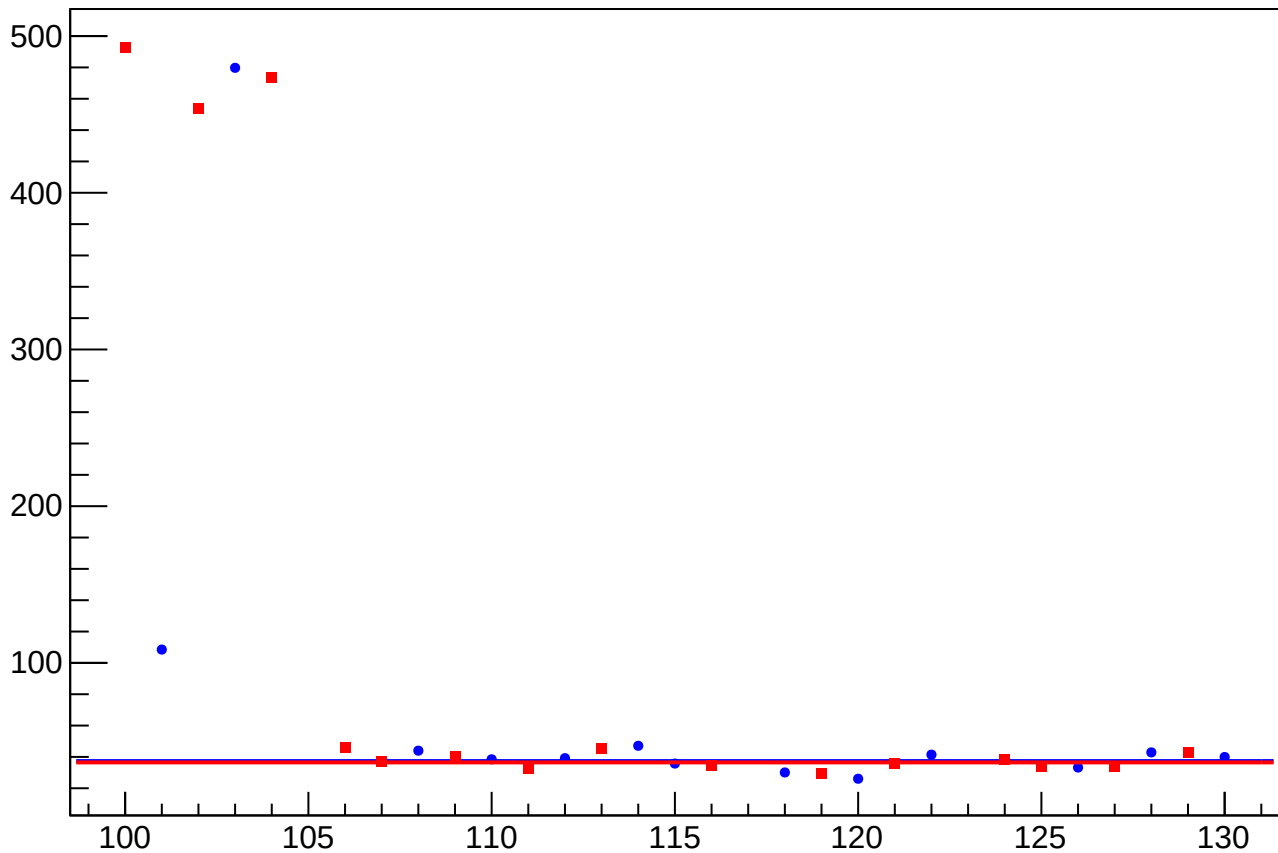
Right: 0.006+/-0.013 χ^2 /NDF: 32.0/27

In: -0.002+/-0.018 χ^2 /NDF:18.4/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.006+/-0.013 χ^2 /NDF: 32.0/27

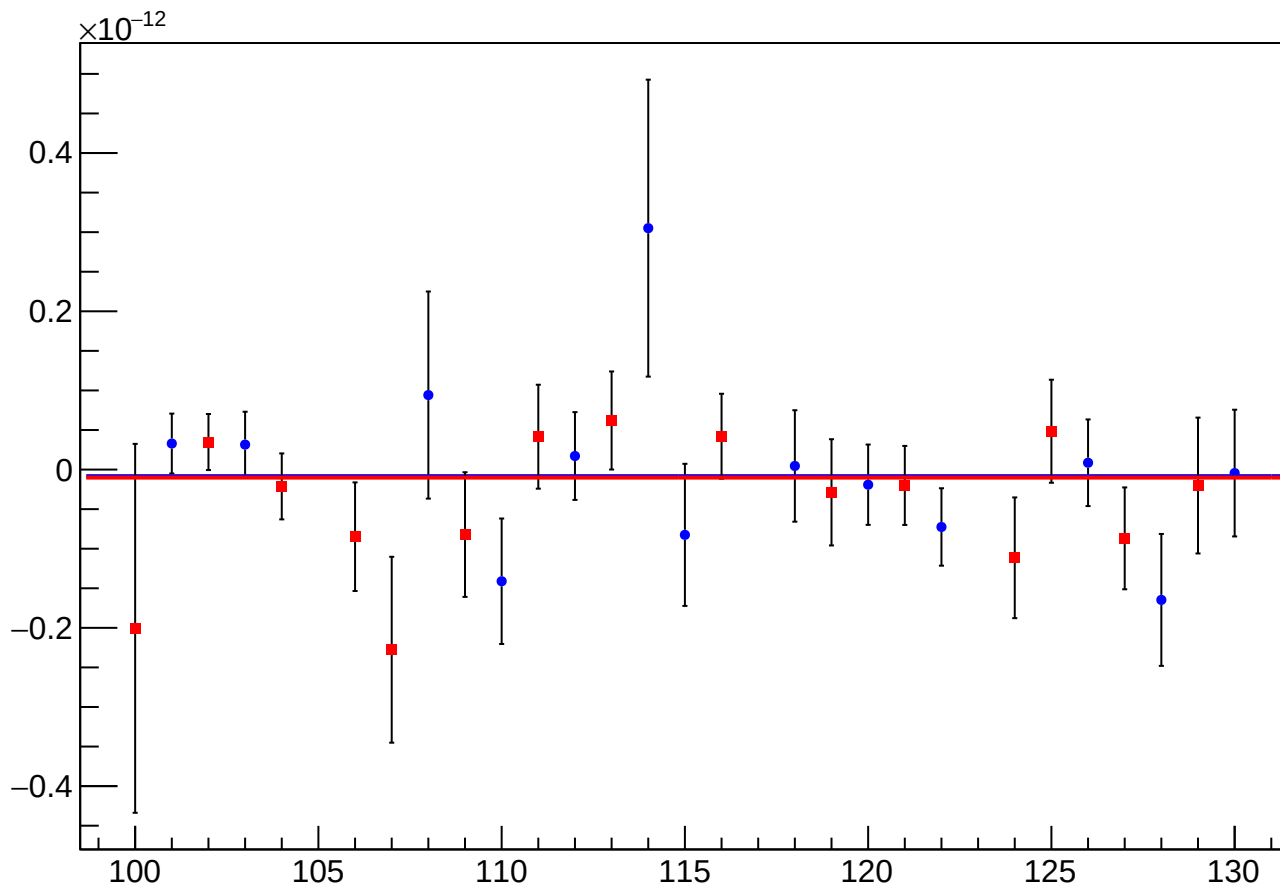
asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.332+/-0.013 χ^2/NDF : 1714813.7/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 36.496+/-0.013 χ^2/NDF : 1831186.5/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 36.903+/-0.009 χ^2/NDF : 3548134.7/27
 In: 37.332+/-0.013 χ^2/NDF : 1714813.7/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 36.903+/-0.009 χ^2/NDF : 3548134.7/27

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 14.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 14.9/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

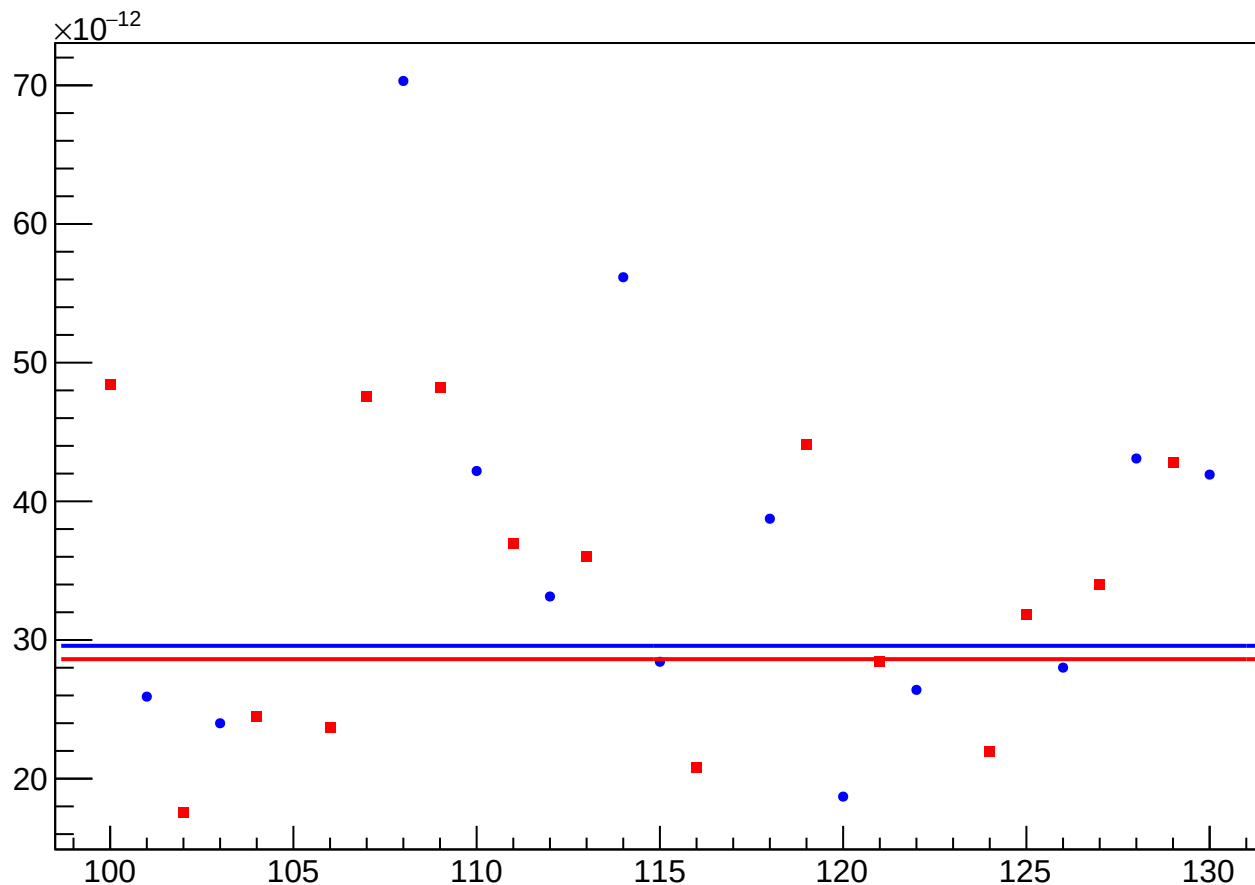
Right: -0.000+/-0.000 χ^2 /NDF: 29.5/27

In: -0.000+/-0.000 χ^2 /NDF:14.6/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 29.5/27

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 583992.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 714315.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

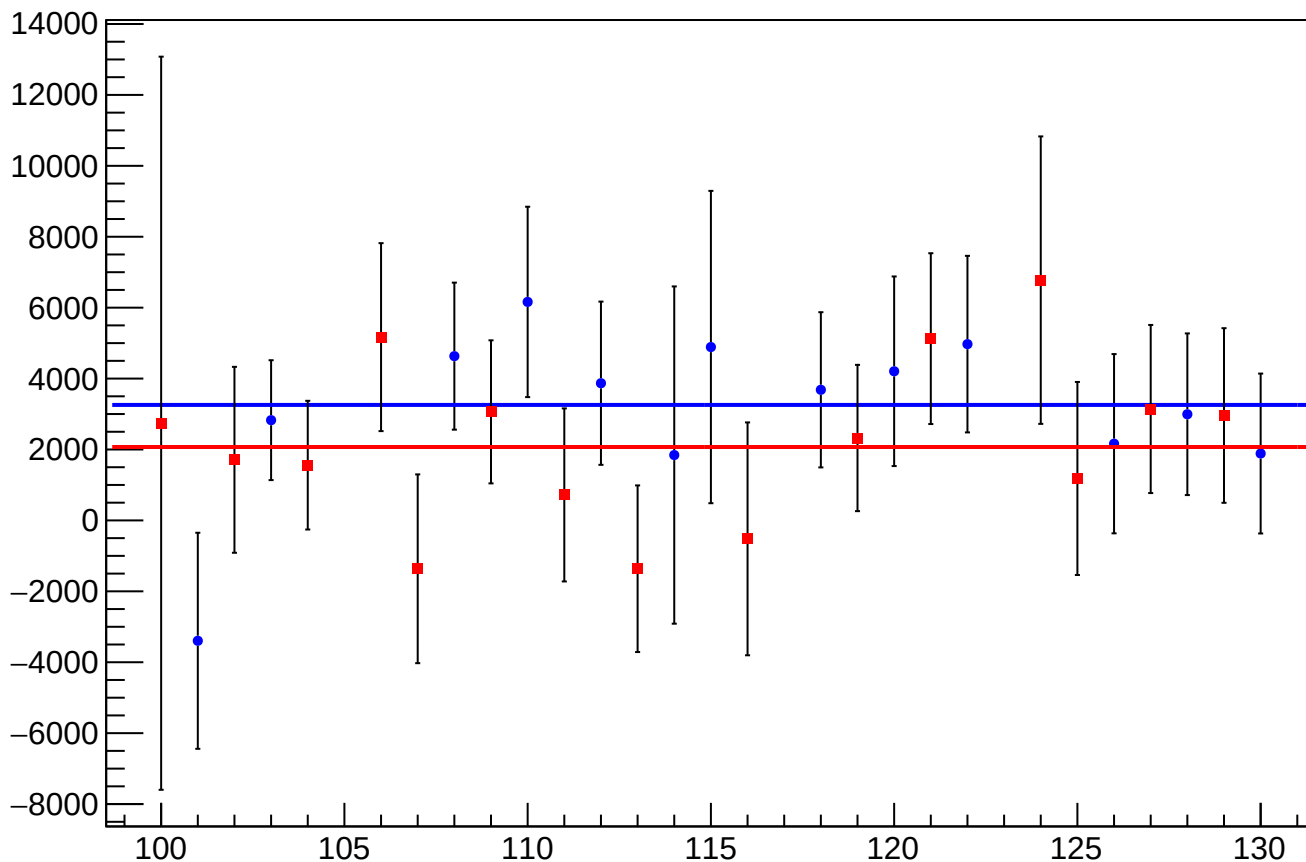
Right: 0.000+/-0.000 χ^2/NDF : 1301856.7/27

In: 0.000+/-0.000 χ^2/NDF : 583992.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1301856.7/27

reg_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3257.071+/-678.968 χ^2/NDF : 7.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2070.072+/-648.846 χ^2/NDF : 9.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

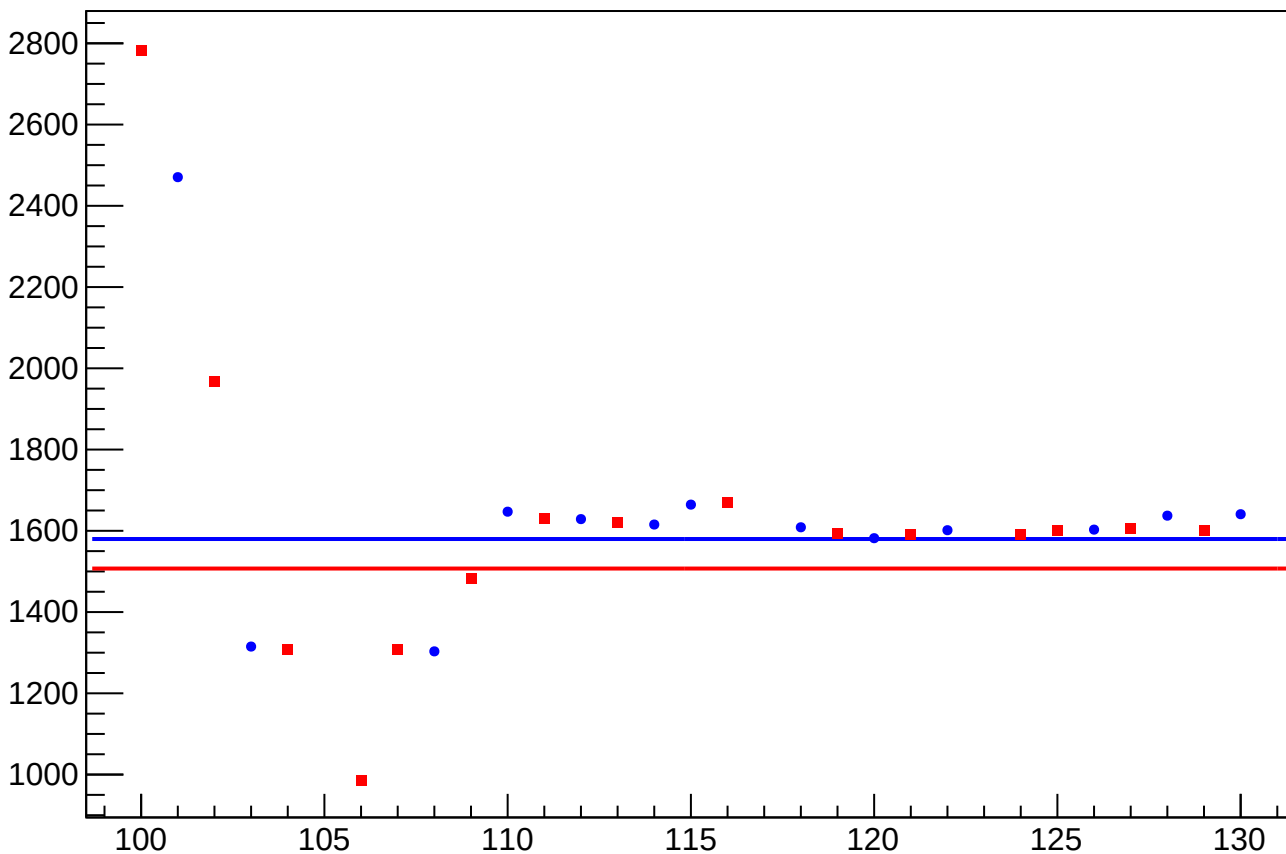
Right: 2636.658+/-469.091 χ^2/NDF : 19.4/27

In: 3257.071+/-678.968 χ^2/NDF : 7.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2636.658+/-469.091 χ^2/NDF : 19.4/27

reg_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1579.819+/-0.480 χ^2/NDF : 261986.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1507.128+/-0.450 χ^2/NDF : 288751.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

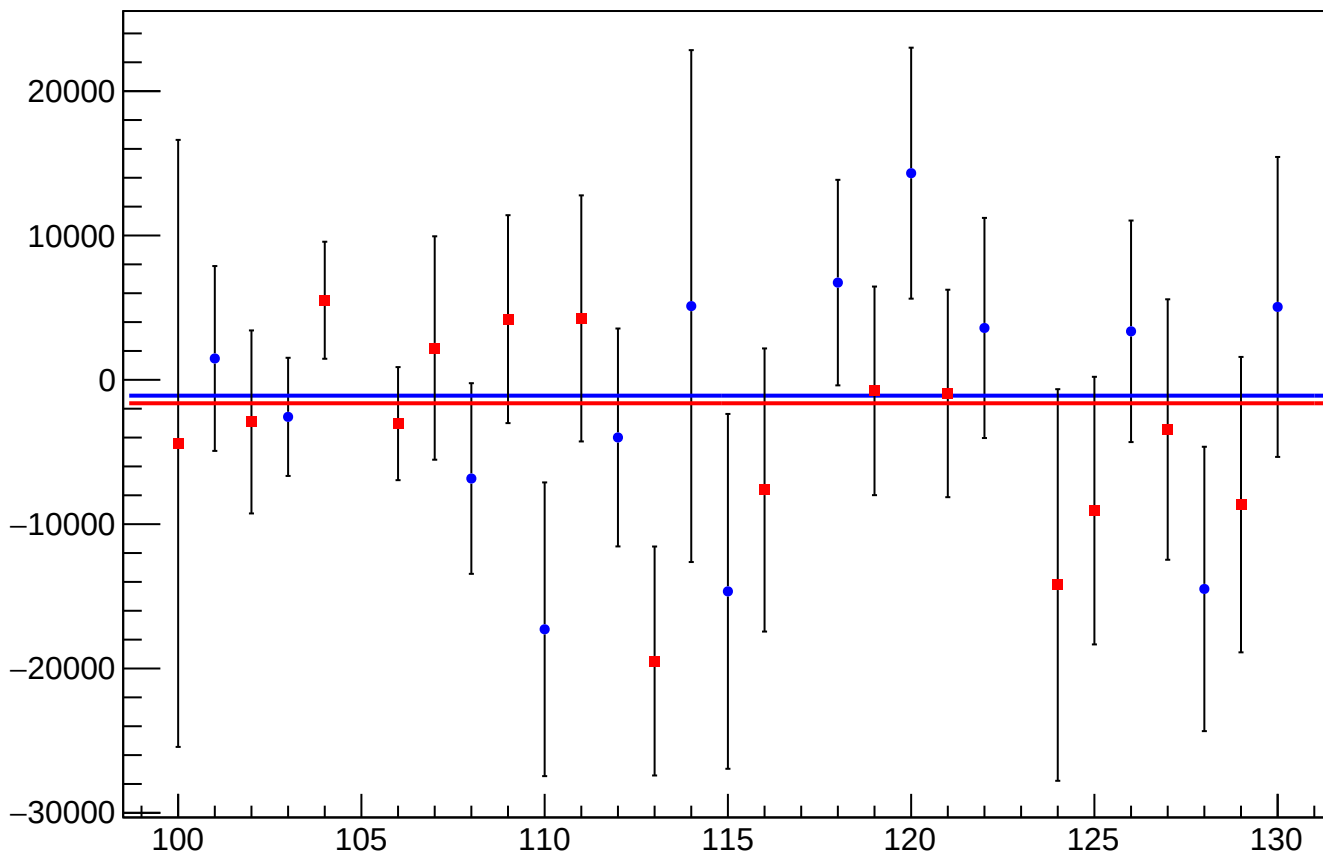
Right: 1541.085+/-0.328 χ^2/NDF : 562952.9/27

In: 1579.819+/-0.480 χ^2/NDF : 261986.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1541.085+/-0.328 χ^2/NDF : 562952.9/27

asym_usr_atr2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1096.397 $\pm$ 2081.997 χ^2 /NDF: 12.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1624.114 $\pm$ 1806.020 χ^2 /NDF: 12.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

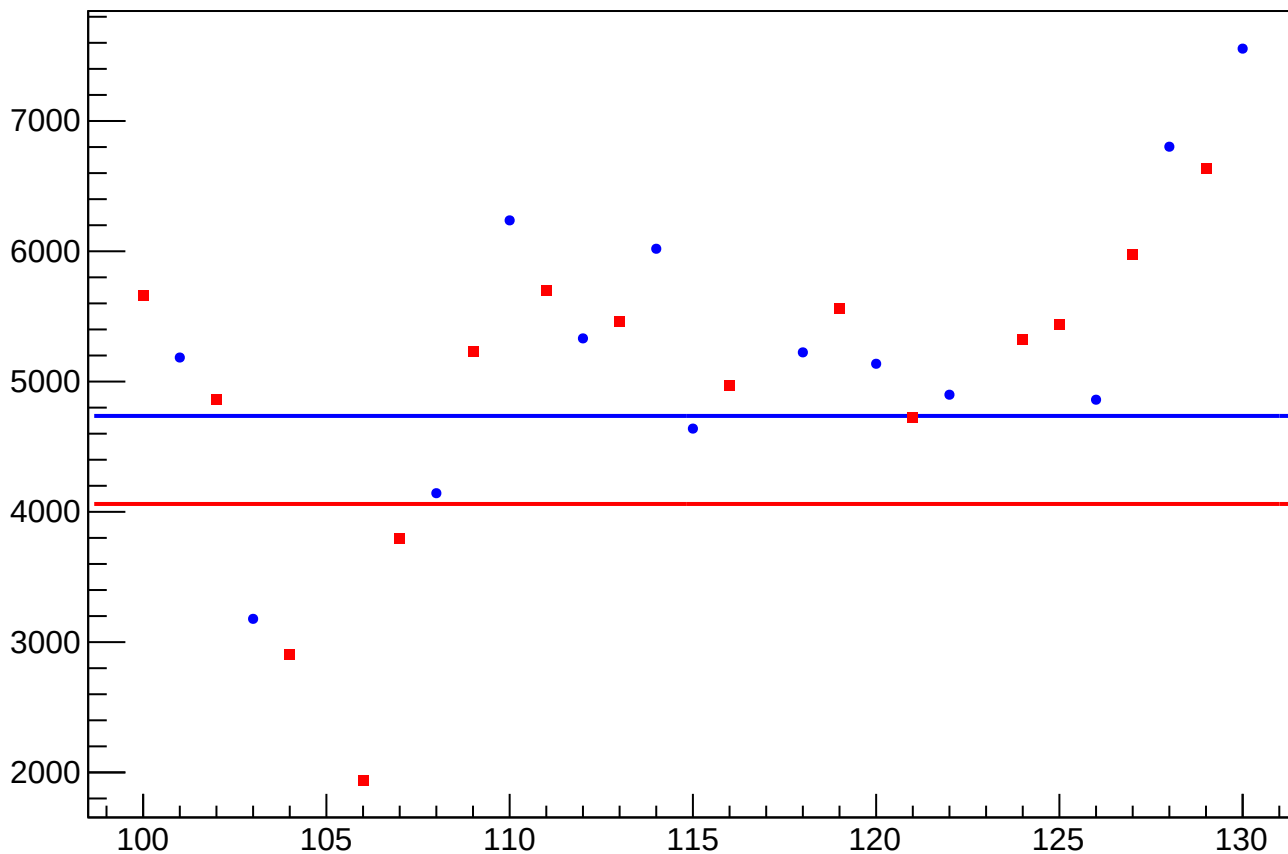
Right: -1397.526 $\pm$ 1364.263 χ^2 /NDF: 24.5/27

In: -1096.397 $\pm$ 2081.997 χ^2 /NDF:12.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1397.526 $\pm$ 1364.263 χ^2 /NDF: 24.5/27

asym_usr_atr2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 4736.270+/-1.472 χ^2/NDF : 632309.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4060.494+/-1.277 χ^2/NDF : 1382726.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

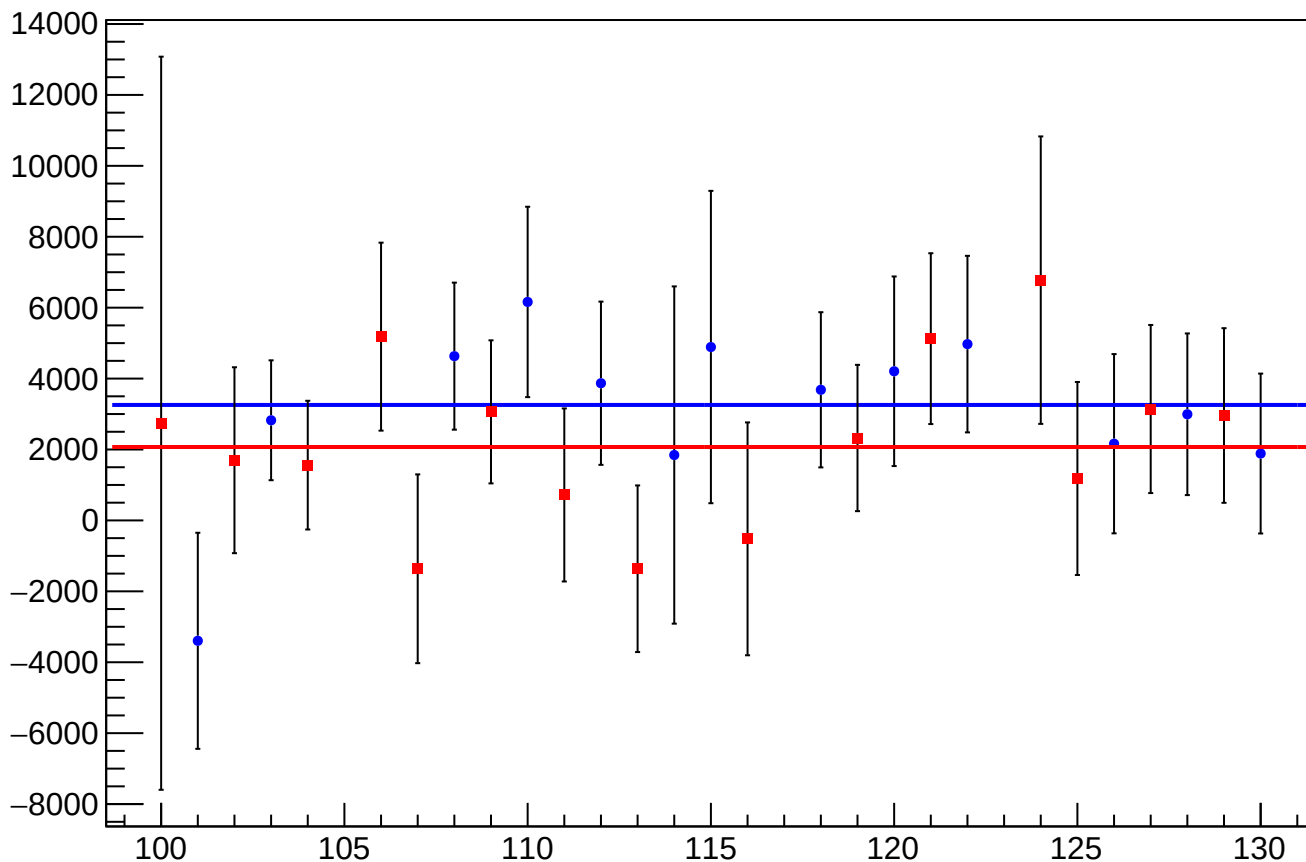
Right: 4350.655+/-0.965 χ^2/NDF : 2135269.5/27

In: 4736.270+/-1.472 χ^2/NDF : 632309.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4350.655+/-0.965 χ^2/NDF : 2135269.5/27

cor_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3256.635+/-678.968 χ^2/NDF : 7.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2070.176+/-648.850 χ^2/NDF : 9.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

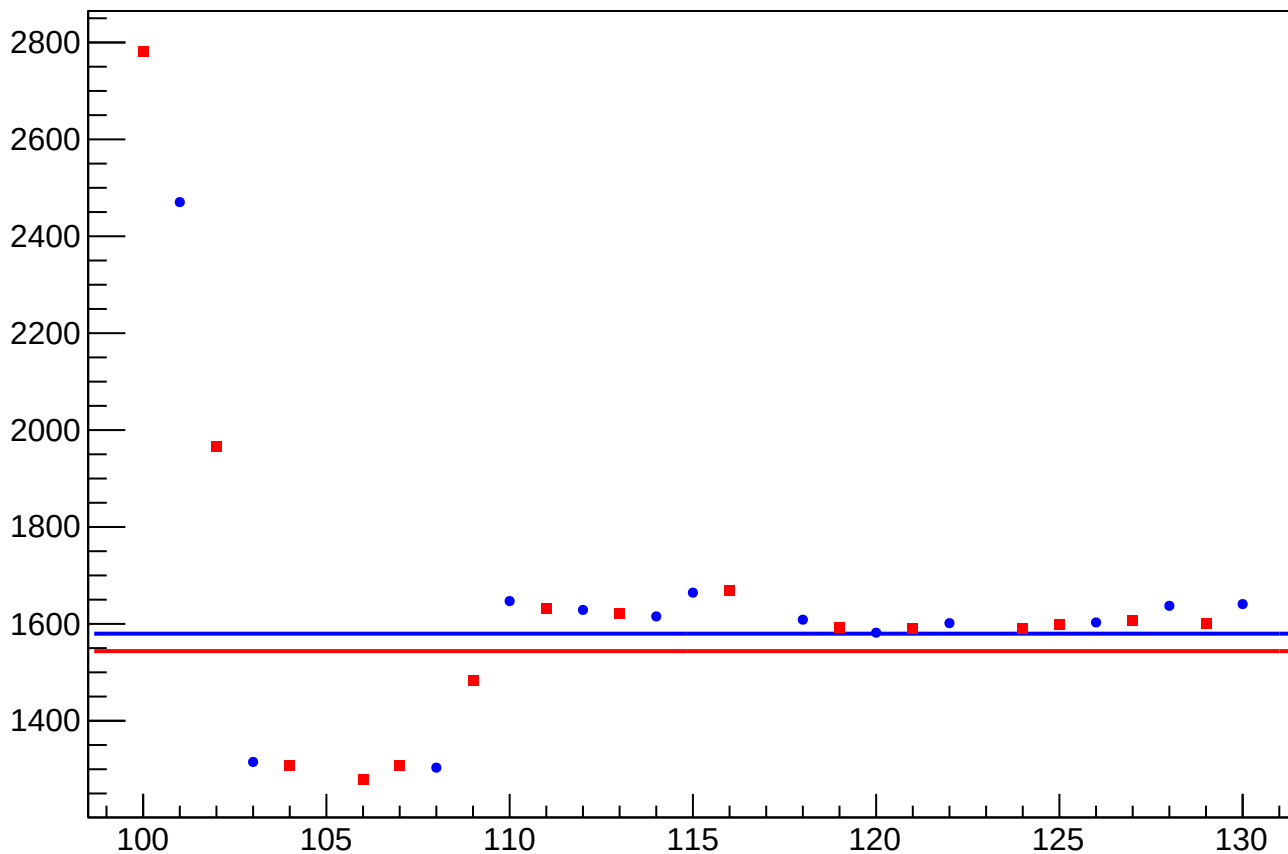
Right: 2636.508+/-469.093 χ^2/NDF : 19.4/27

In: 3256.635+/-678.968 χ^2/NDF : 7.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2636.508+/-469.093 χ^2/NDF : 19.4/27

cor_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1579.819+/-0.480 χ^2/NDF : 261986.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1543.775+/-0.457 χ^2/NDF : 168620.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

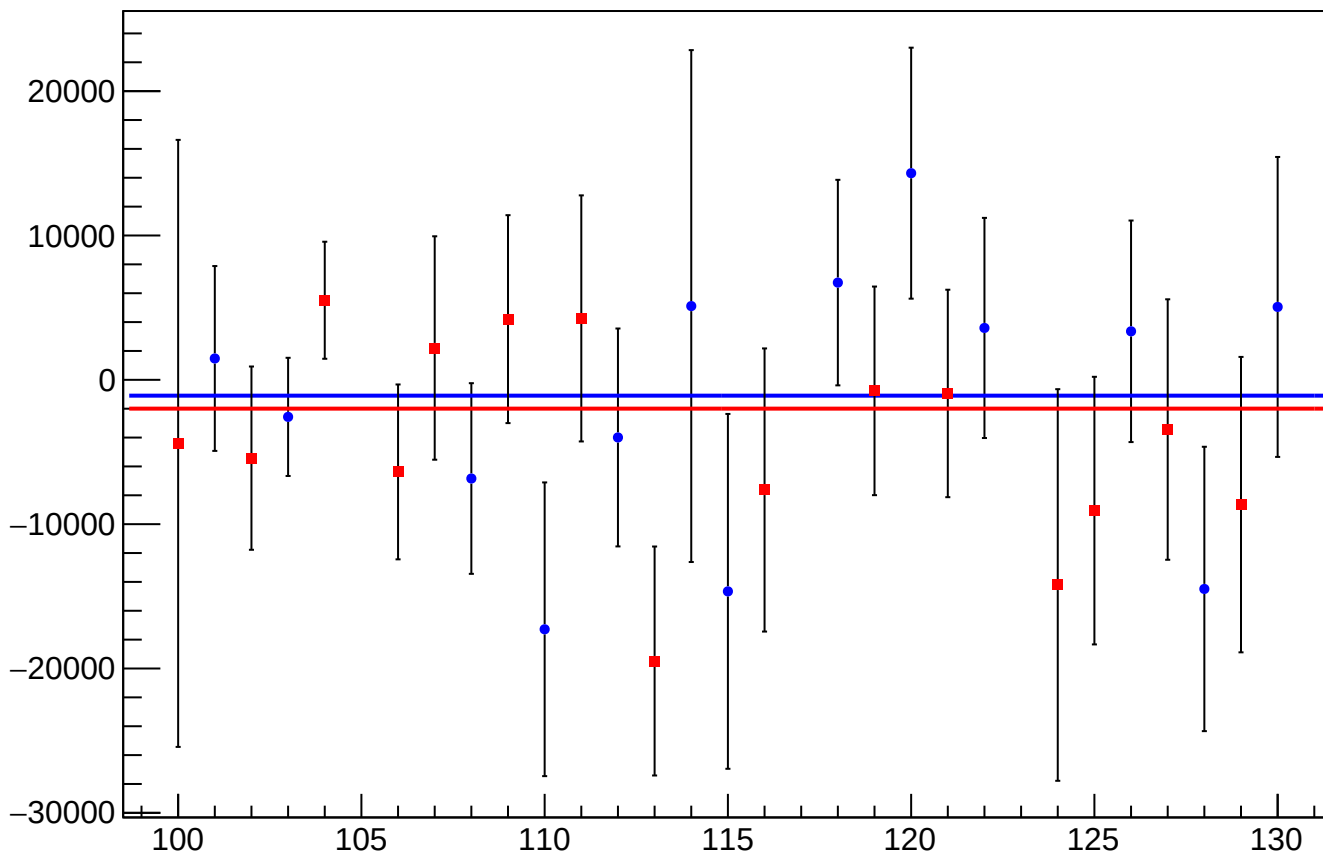
Right: 1560.894+/-0.331 χ^2/NDF : 433565.6/27

In: 1579.819+/-0.480 χ^2/NDF : 261986.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1560.894+/-0.331 χ^2/NDF : 433565.6/27

asym_usr_atr2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1096.694+/-2082.052 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1995.851+/-1929.590 χ^2/NDF : 12.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

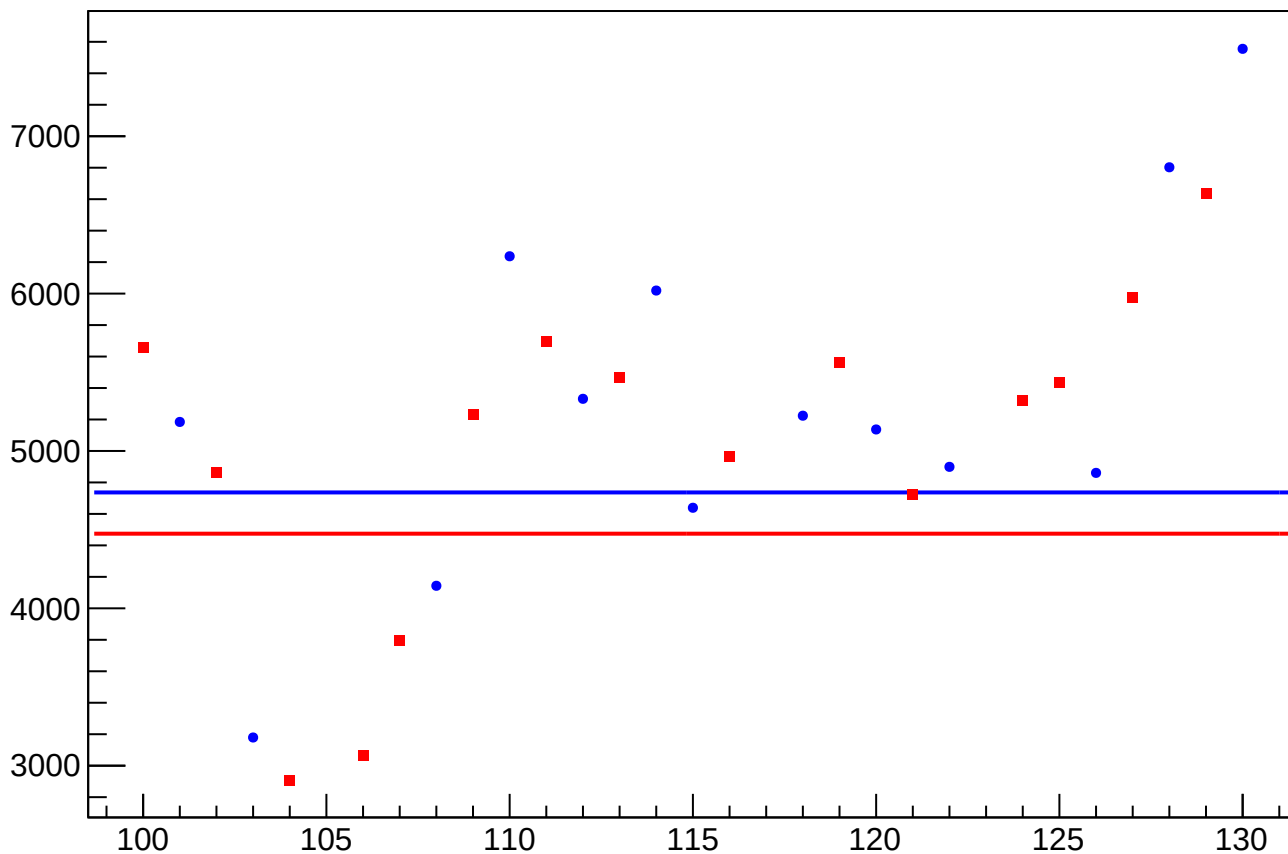
Right: -1580.396+/-1415.259 χ^2/NDF : 25.3/27

In: -1096.694+/-2082.052 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1580.396+/-1415.259 χ^2/NDF : 25.3/27

asym_usr_atr2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 4736.441+/-1.472 χ^2/NDF : 632123.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4474.327+/-1.364 χ^2/NDF : 757457.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

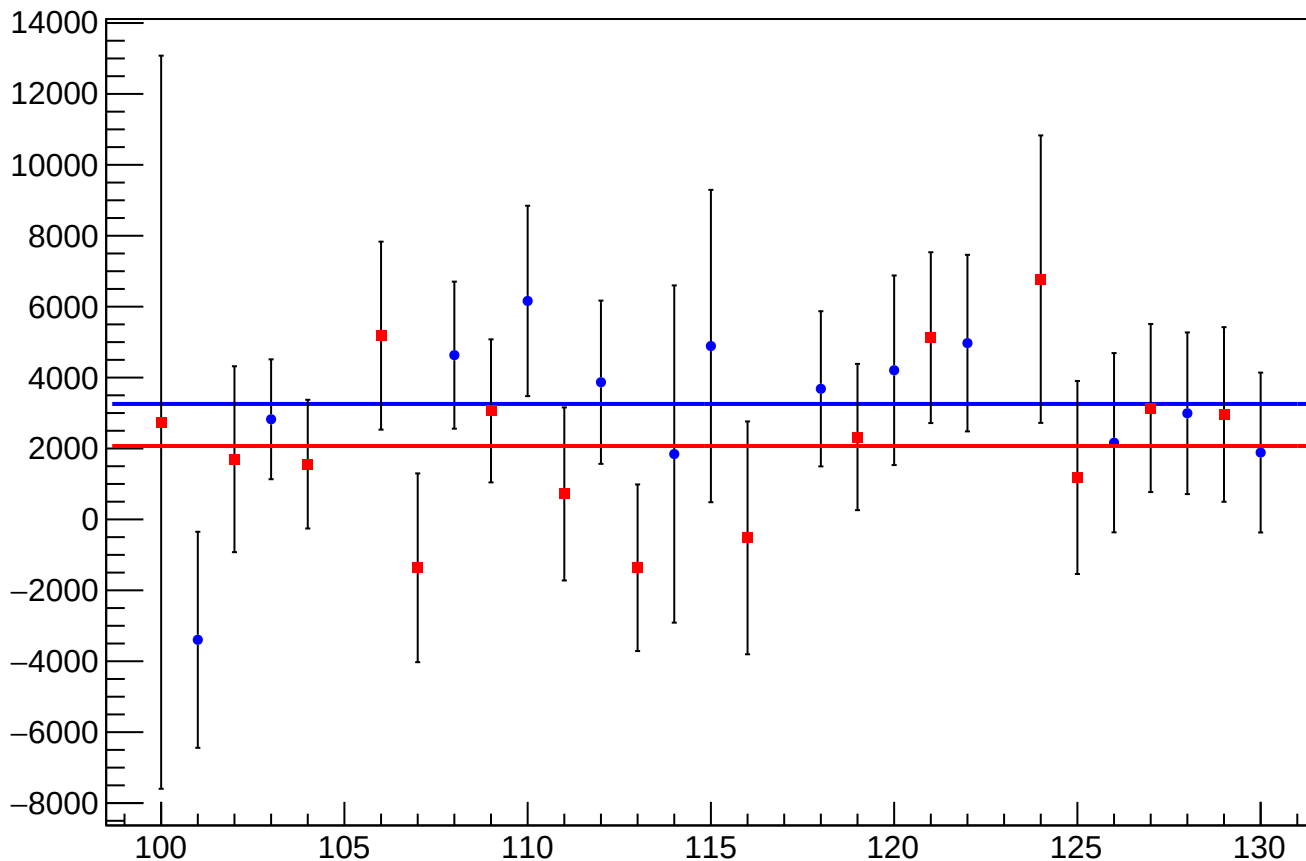
Right: 4595.437+/-1.001 χ^2/NDF : 1406632.8/27

In: 4736.441+/-1.472 χ^2/NDF : 632123.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4595.437+/-1.001 χ^2/NDF : 1406632.8/27

eigen_cor_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3256.635+/-678.968 χ^2/NDF : 7.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2070.176+/-648.850 χ^2/NDF : 9.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

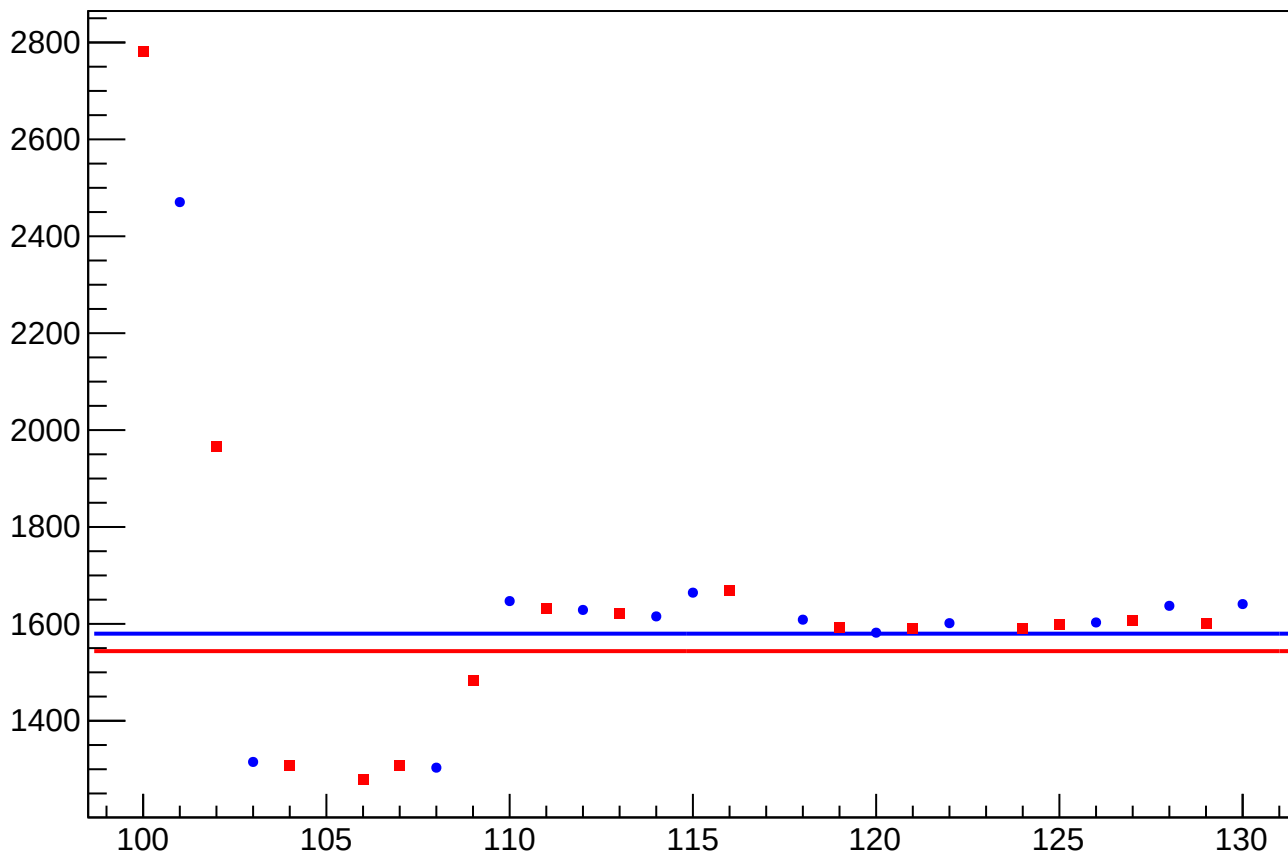
Right: 2636.508+/-469.093 χ^2/NDF : 19.4/27

In: 3256.635+/-678.968 χ^2/NDF : 7.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2636.508+/-469.093 χ^2/NDF : 19.4/27

eigen_cor_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1579.819+/-0.480 χ^2/NDF : 261986.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1543.775+/-0.457 χ^2/NDF : 168620.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

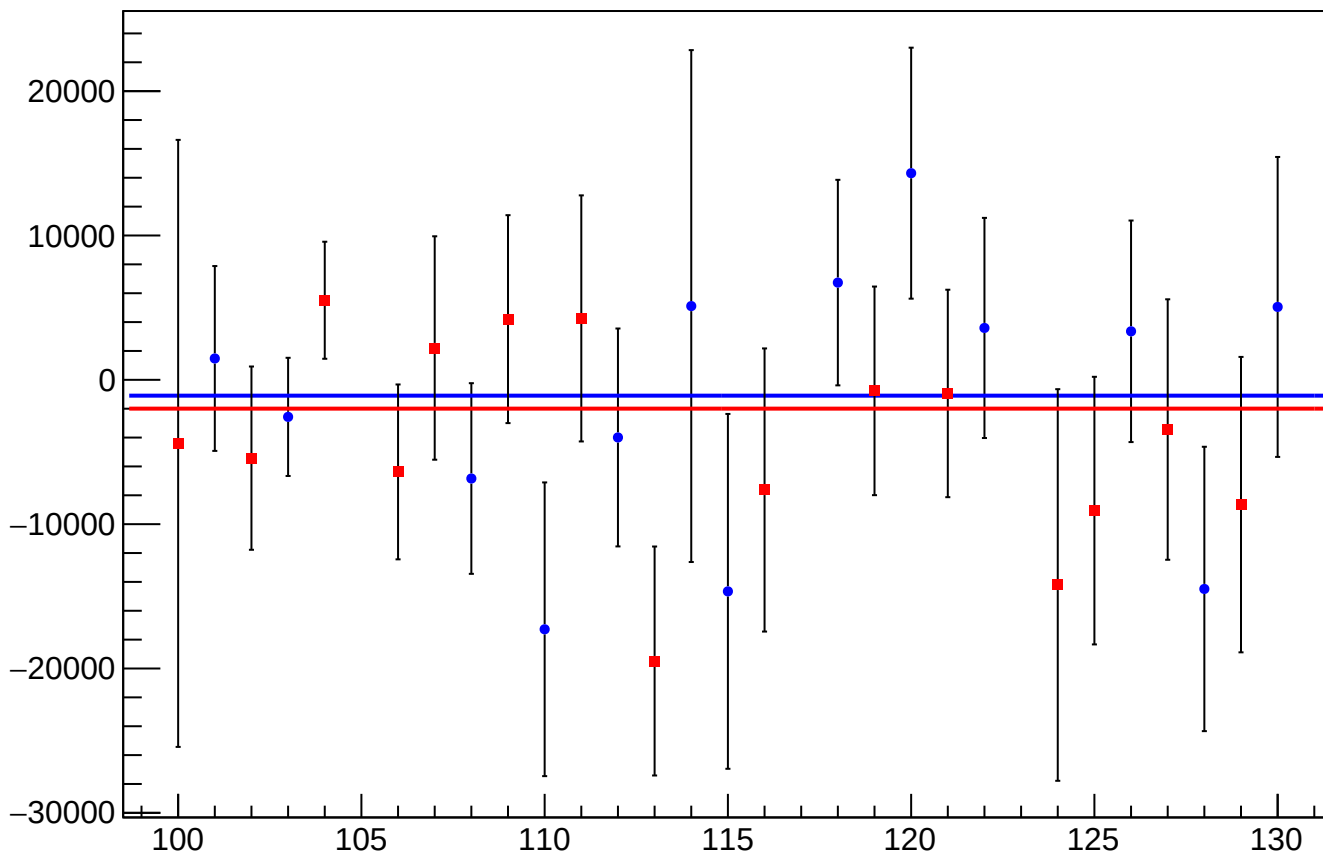
Right: 1560.894+/-0.331 χ^2/NDF : 433565.6/27

In: 1579.819+/-0.480 χ^2/NDF : 261986.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1560.894+/-0.331 χ^2/NDF : 433565.6/27

asym_usr_atr2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1096.694+/-2082.052 χ^2 /NDF: 12.3/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1995.851+/-1929.590 χ^2 /NDF: 12.9/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

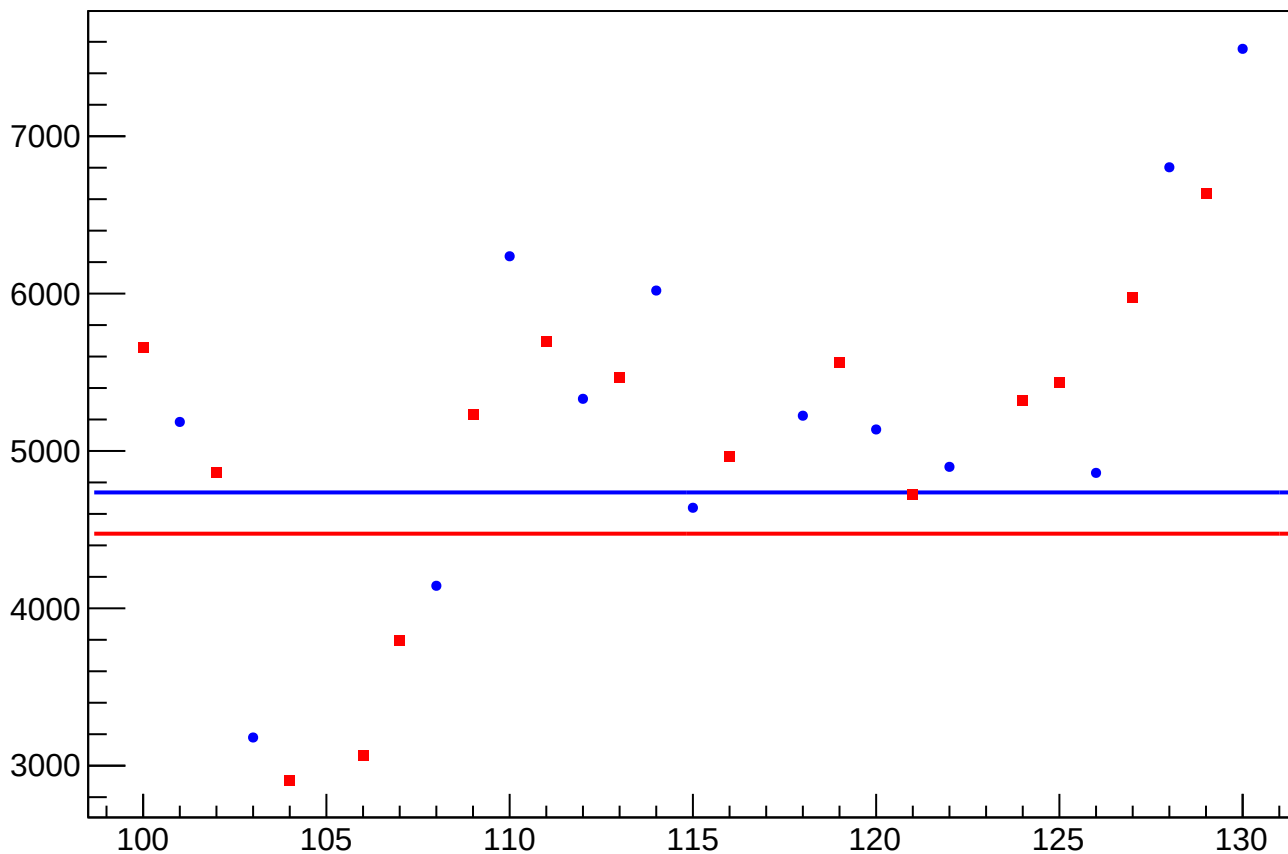
Right: -1580.396+/-1415.259 χ^2 /NDF: 25.3/27

In: -1096.694+/-2082.052 χ^2 /NDF:12.3/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1580.396+/-1415.259 χ^2 /NDF: 25.3/27

asym_usr_atr2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4736.441+/-1.472 χ^2/NDF : 632123.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4474.327+/-1.364 χ^2/NDF : 757457.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

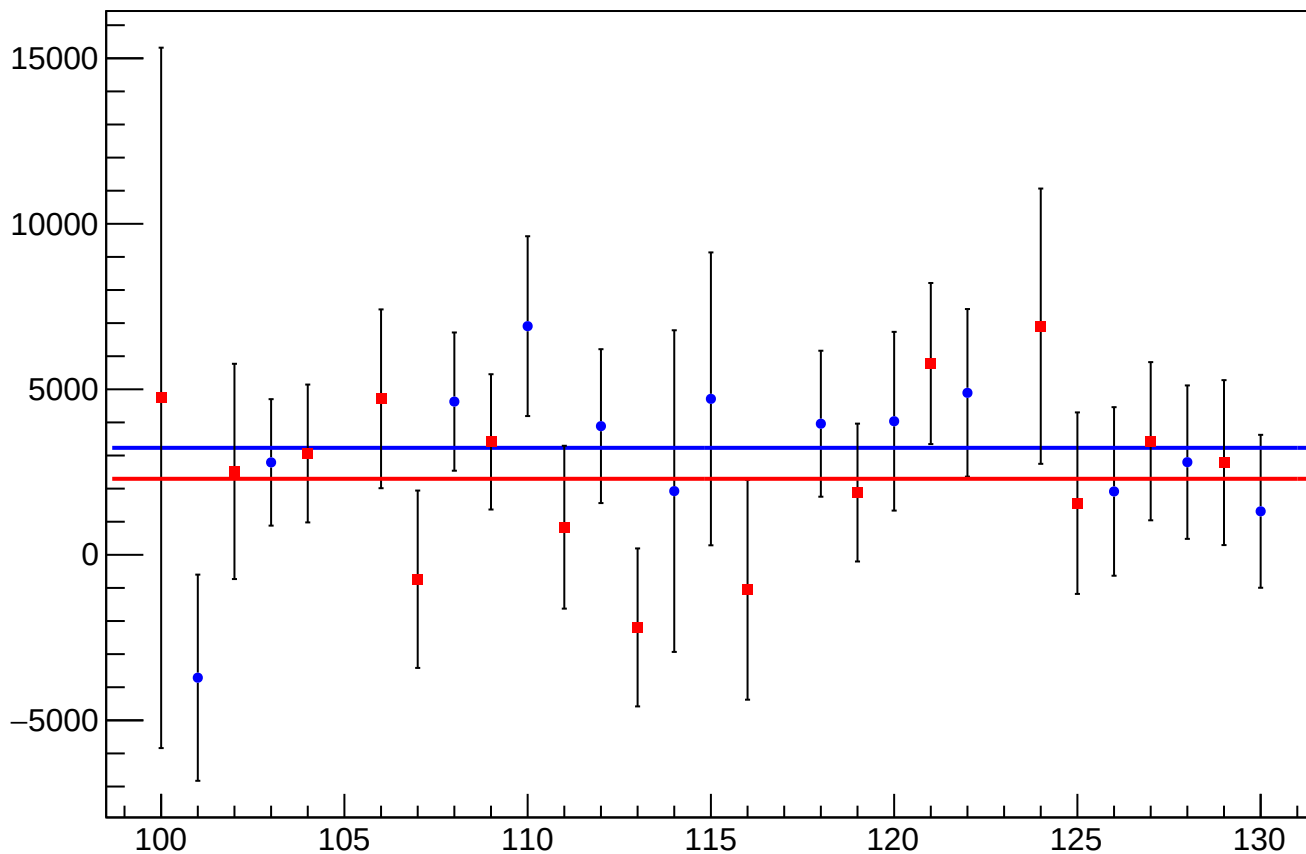
Right: 4595.437+/-1.001 χ^2/NDF : 1406632.8/27

In: 4736.441+/-1.472 χ^2/NDF : 632123.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4595.437+/-1.001 χ^2/NDF : 1406632.8/27

dit_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3232.176+/-698.907 χ^2/NDF : 9.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2296.721+/-672.963 χ^2/NDF : 11.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

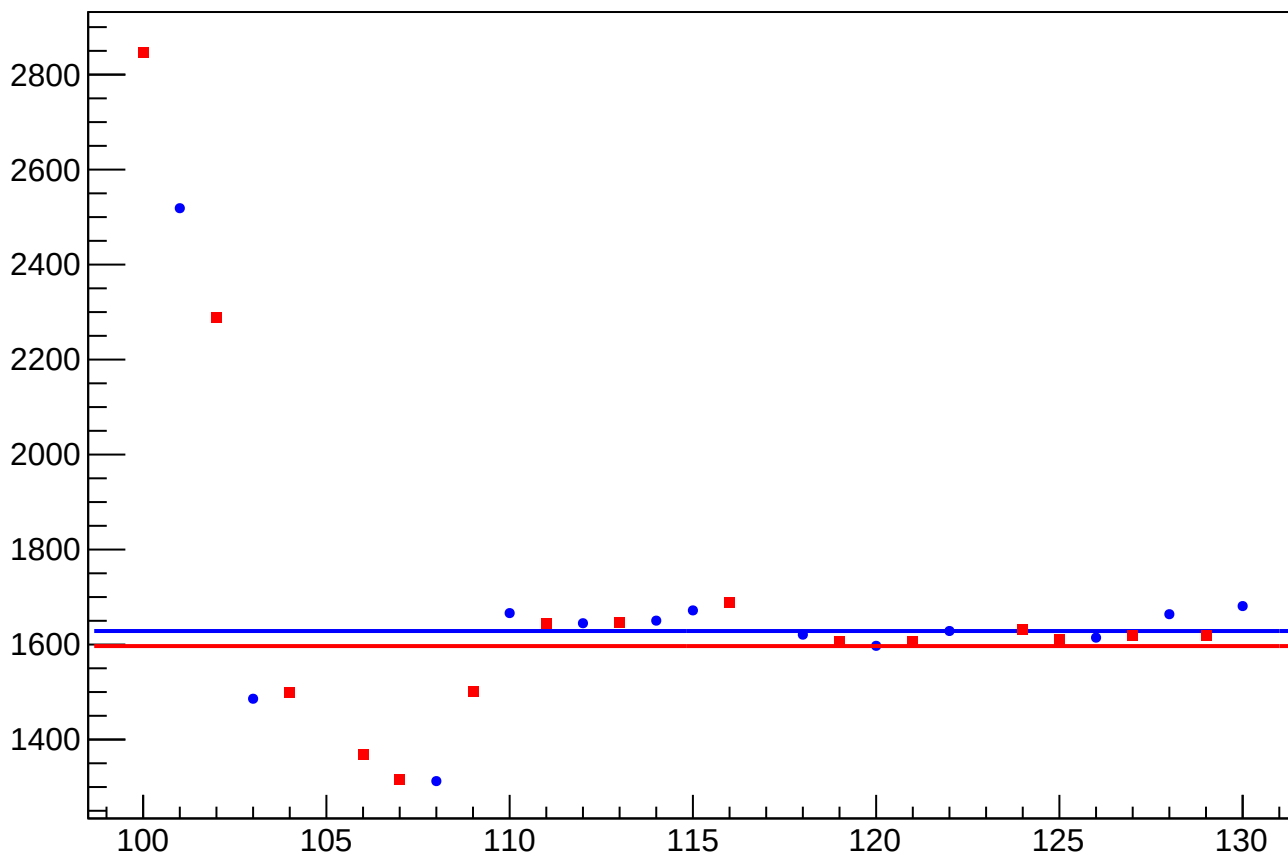
Right: 2746.763+/-484.769 χ^2/NDF : 21.3/27

In: 3232.176+/-698.907 χ^2/NDF : 9.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2746.763+/-484.769 χ^2/NDF : 21.3/27

dit_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1628.486+/-0.494 χ^2/NDF : 222941.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1596.786+/-0.475 χ^2/NDF : 167618.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

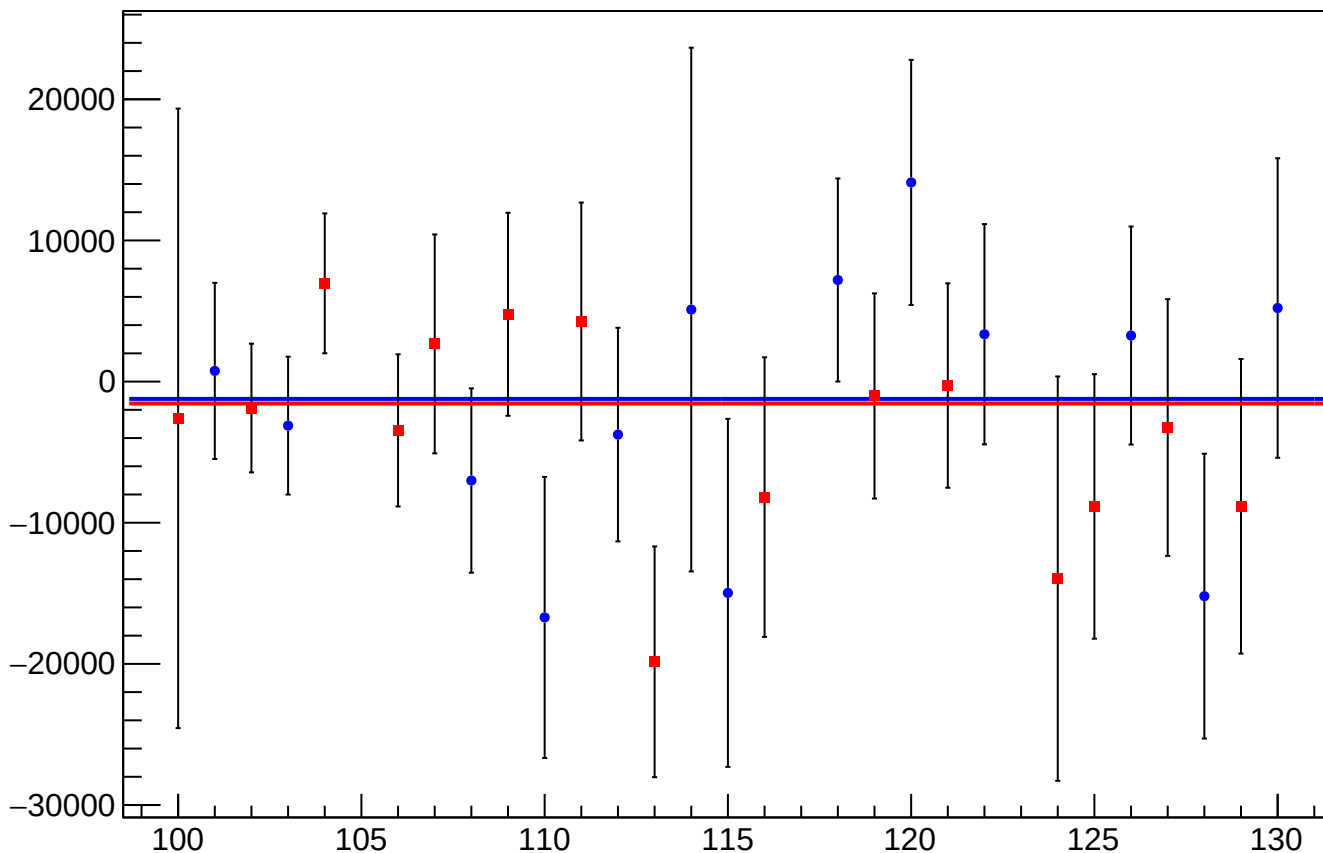
Right: 1612.020+/-0.343 χ^2/NDF : 392696.7/27

In: 1628.486+/-0.494 χ^2/NDF : 222941.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1612.020+/-0.343 χ^2/NDF : 392696.7/27

asym_usr_atr2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1225.525+/-2168.789 χ^2 /NDF: 12.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1553.722+/-1903.425 χ^2 /NDF: 12.0/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

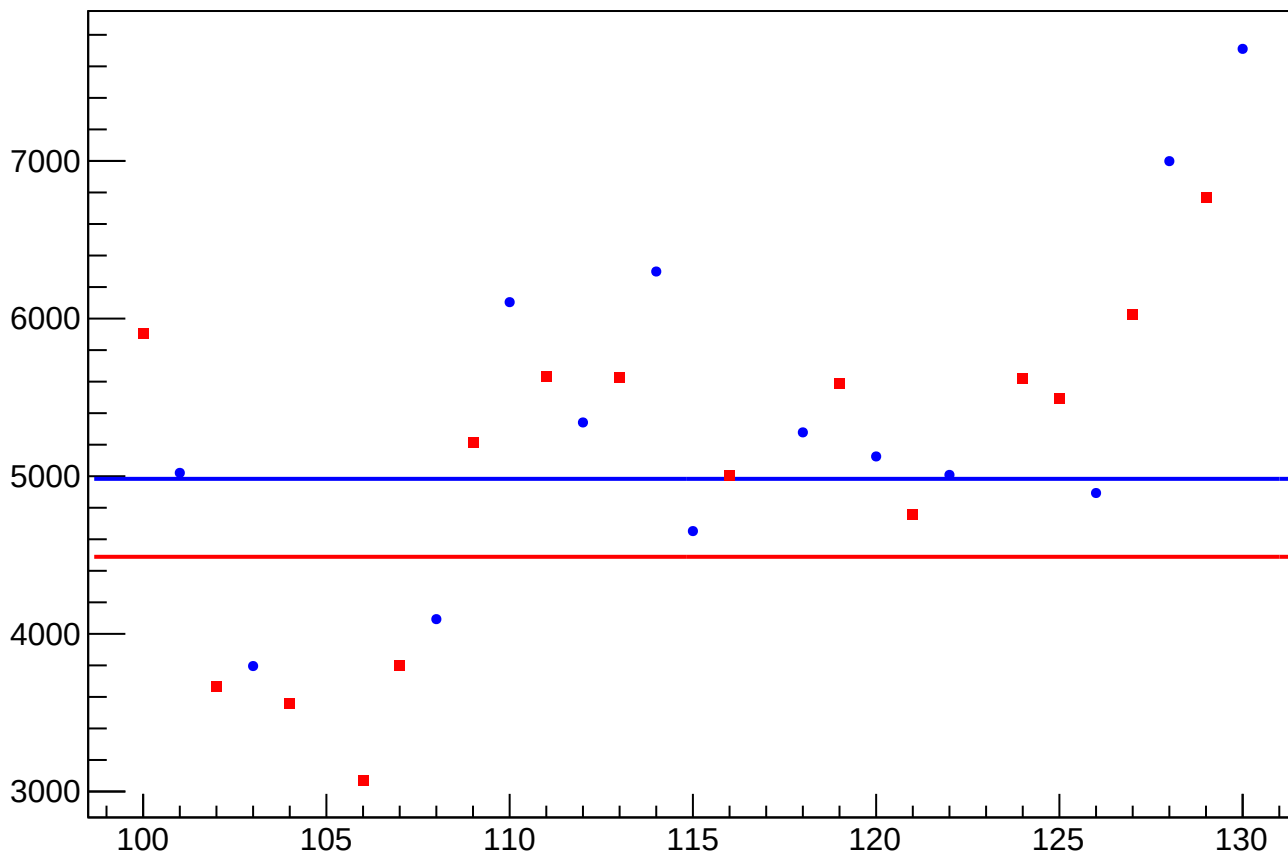
Right: -1410.920+/-1430.597 χ^2 /NDF: 24.4/27

In: -1225.525+/-2168.789 χ^2 /NDF:12.4/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1410.920+/-1430.597 χ^2 /NDF: 24.4/27

asym_usr_atr2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4983.352+/-1.534 χ^2/NDF : 412964.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 4488.856+/-1.346 χ^2/NDF : 636540.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

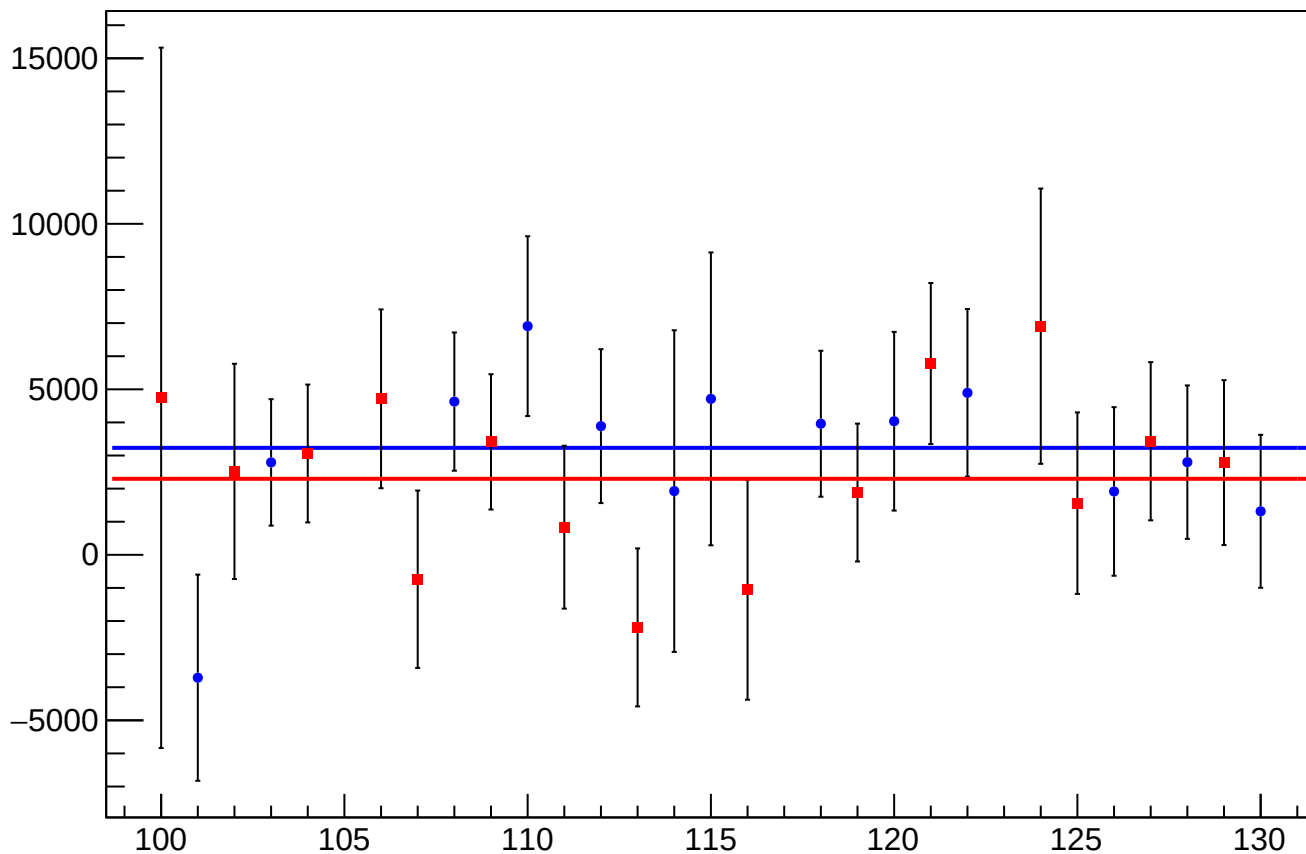
Right: 4704.017+/-1.012 χ^2/NDF : 1108238.4/27

In: 4983.352+/-1.534 χ^2/NDF :412964.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4704.017+/-1.012 χ^2/NDF : 1108238.4/27

eigen_dit_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3232.177+/-698.907 χ^2/NDF : 9.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2296.727+/-672.963 χ^2/NDF : 11.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

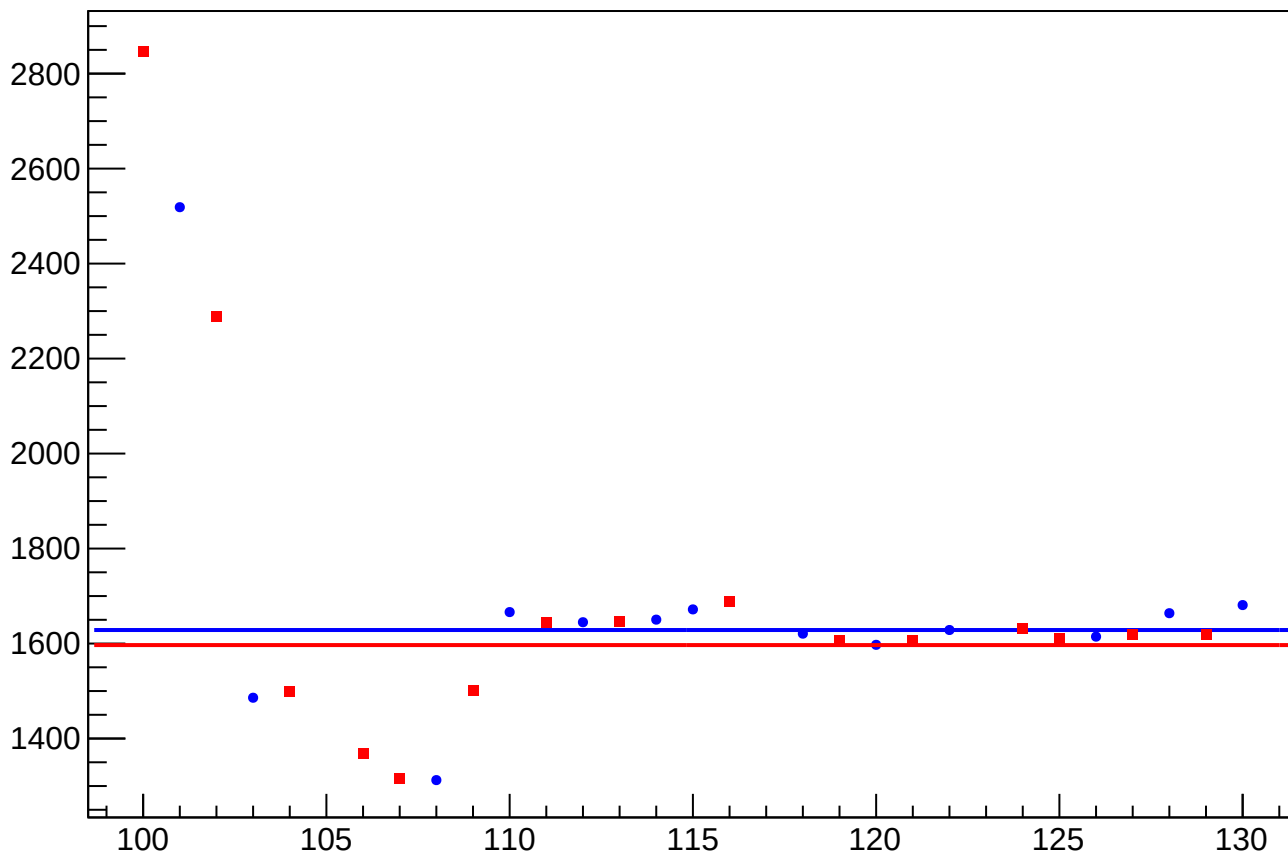
Right: 2746.767+/-484.769 χ^2/NDF : 21.3/27

In: 3232.177+/-698.907 χ^2/NDF : 9.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2746.767+/-484.769 χ^2/NDF : 21.3/27

eigen_dit_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1628.485+/-0.494 χ^2/NDF : 222941.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1596.785+/-0.475 χ^2/NDF : 167618.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

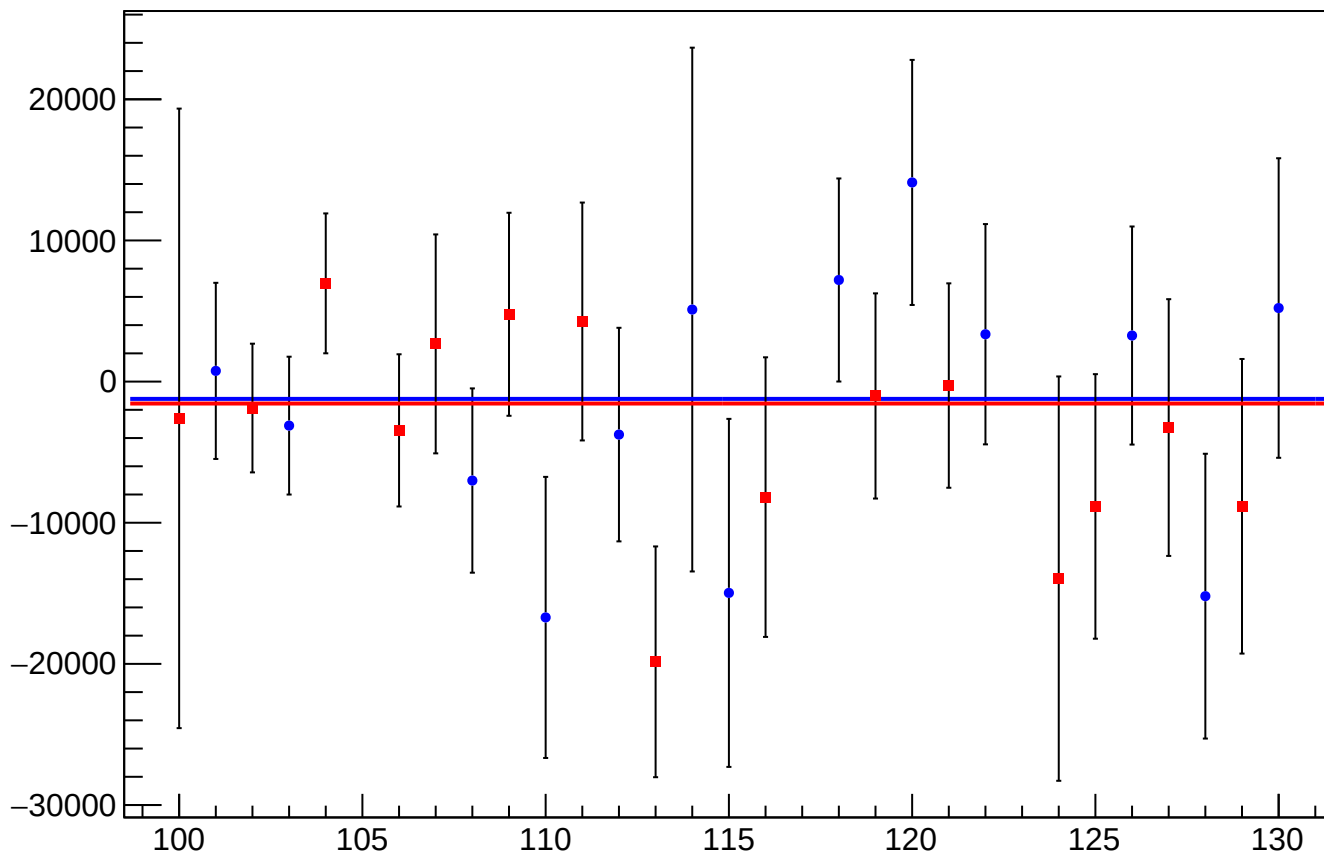
Right: 1612.019+/-0.343 χ^2/NDF : 392696.3/27

In: 1628.485+/-0.494 χ^2/NDF : 222941.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1612.019+/-0.343 χ^2/NDF : 392696.3/27

asym_usr_atr2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1225.518+/-2168.784 χ^2/NDF : 12.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1553.721+/-1903.421 χ^2/NDF : 12.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

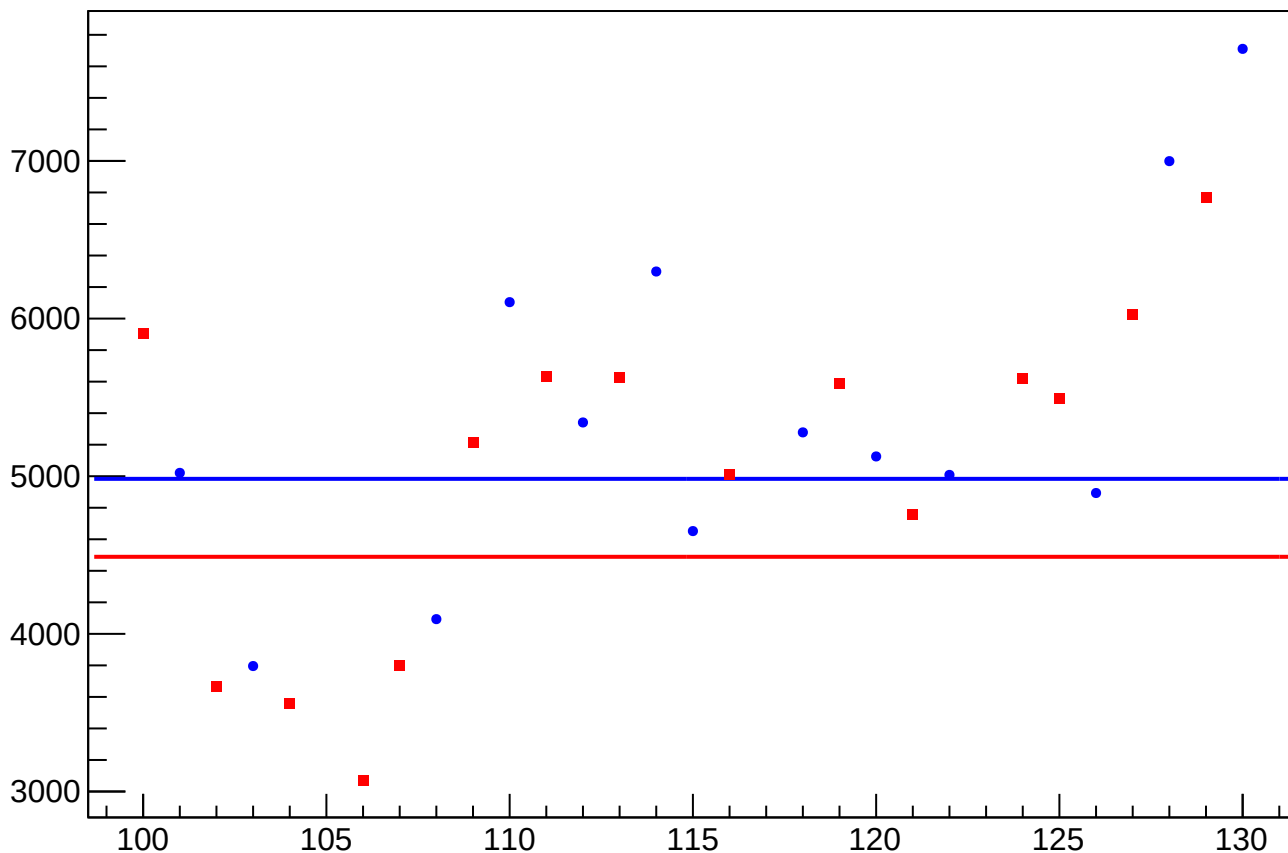
Right: -1410.916+/-1430.594 χ^2/NDF : 24.4/27

In: -1225.518+/-2168.784 χ^2/NDF : 12.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1410.916+/-1430.594 χ^2/NDF : 24.4/27

asym_usr_atr2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4983.341+/-1.534 χ^2/NDF : 412958.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4488.848+/-1.346 χ^2/NDF : 636535.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

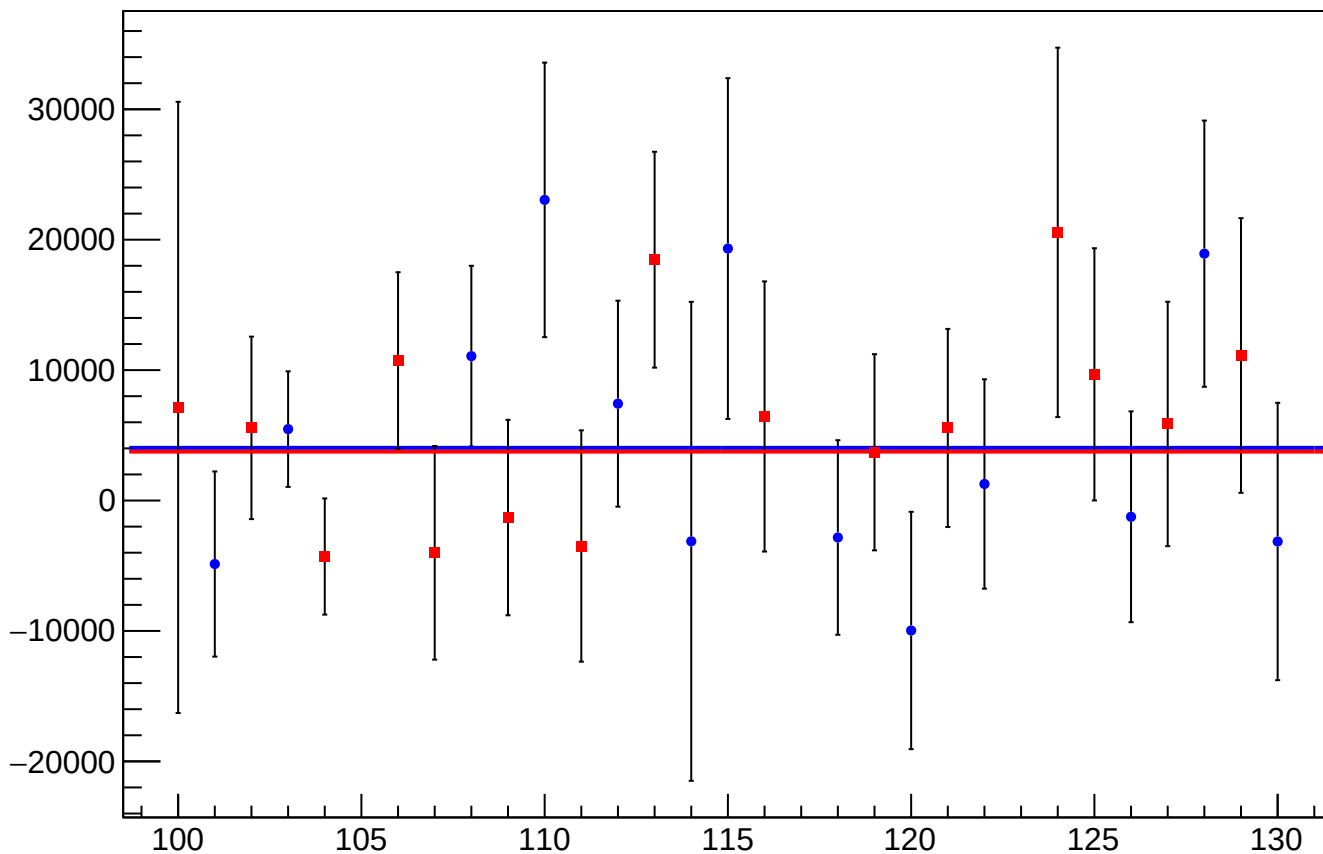
Right: 4704.007+/-1.012 χ^2/NDF : 1108226.9/27

In: 4983.341+/-1.534 χ^2/NDF : 412958.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4704.007+/-1.012 χ^2/NDF : 1108226.9/27

asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 4039.580+/-2209.671 χ^2/NDF : 14.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3751.296+/-2063.538 χ^2/NDF : 12.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

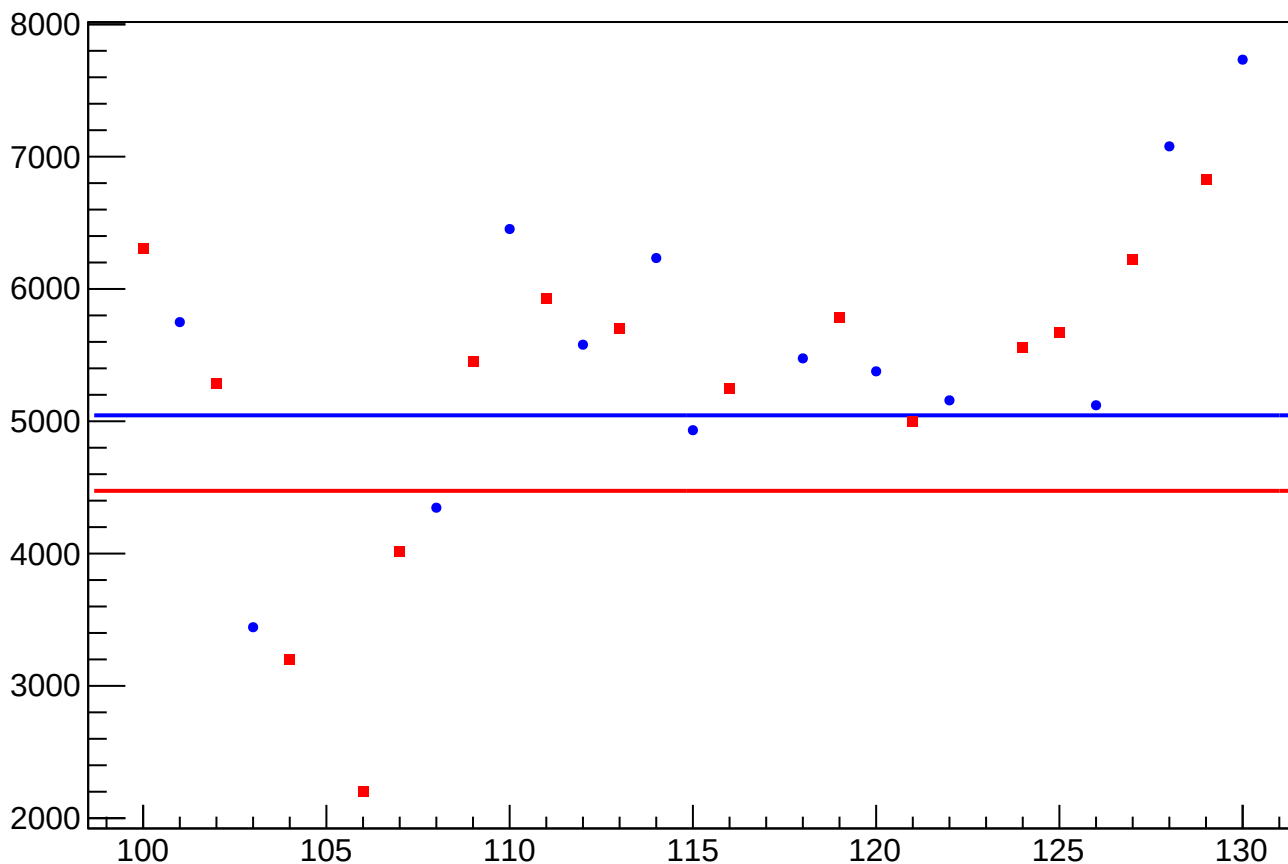
Right: 3885.591+/-1508.159 χ^2/NDF : 26.1/27

In: 4039.580+/-2209.671 χ^2/NDF : 14.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3885.591+/-1508.159 χ^2/NDF : 26.1/27

asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 5044.871+/-1.562 χ^2/NDF : 571756.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4474.158+/-1.393 χ^2/NDF : 1095536.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

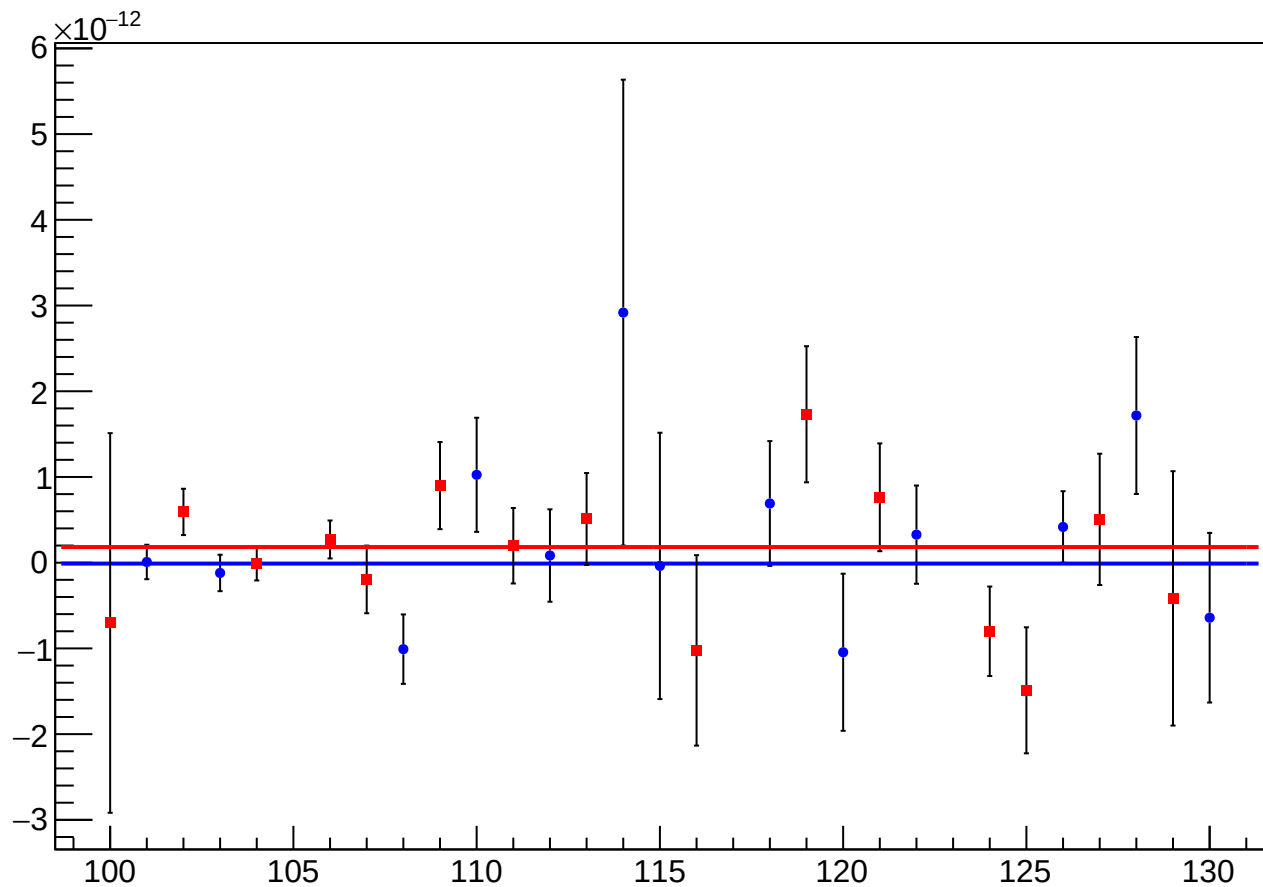
Right: 4726.846+/-1.040 χ^2/NDF : 1741638.4/27

In: 5044.871+/-1.562 χ^2/NDF : 571756.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4726.846+/-1.040 χ^2/NDF : 1741638.4/27

asym_usr_atr2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 17.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 21.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

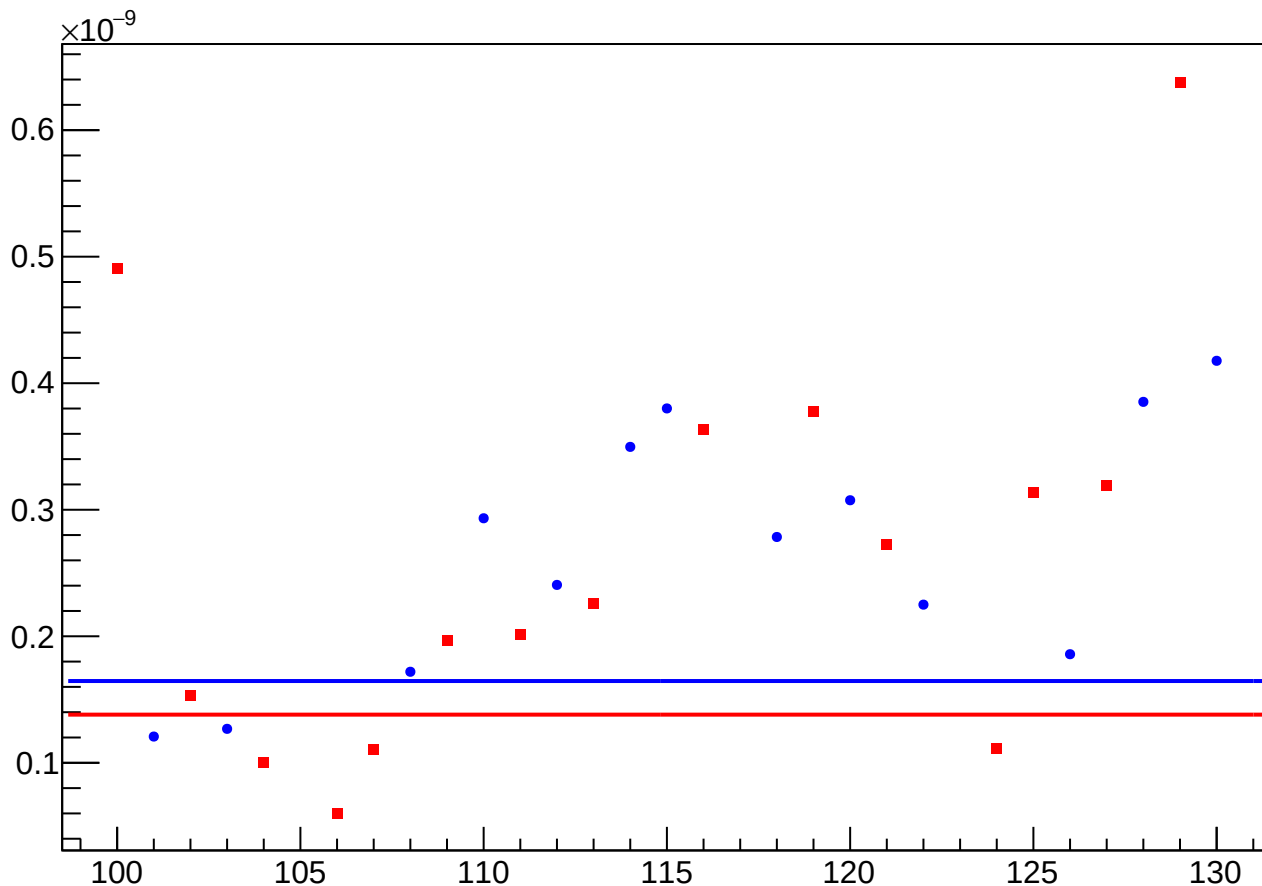
Right: 0.000+/-0.000 χ^2/NDF : 40.9/27

In: -0.000+/-0.000 χ^2/NDF : 17.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 40.9/27

asym_usr_atr2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 693363.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1331944.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

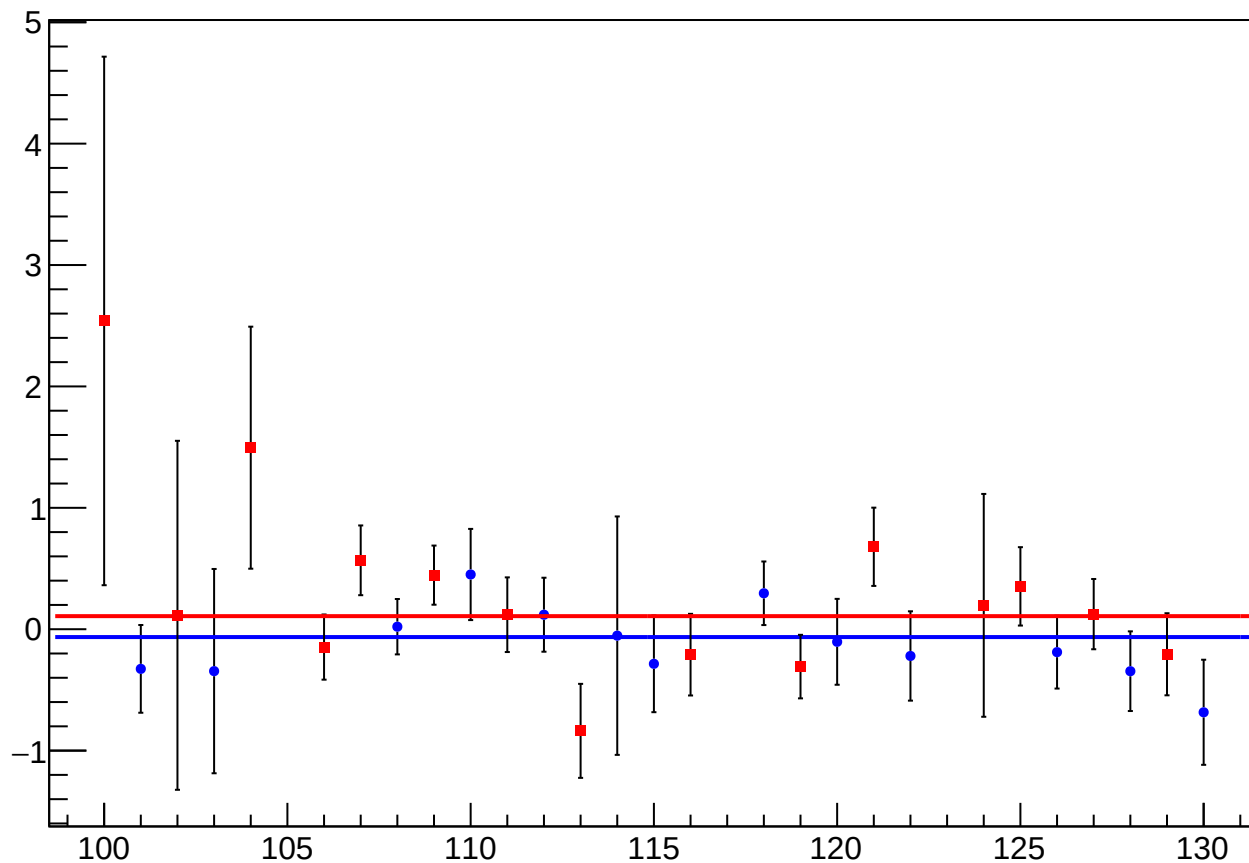
Right: 0.000+/-0.000 χ^2/NDF : 2083163.6/27

In: 0.000+/-0.000 χ^2/NDF : 693363.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2083163.6/27

asym_usr_atr2_avg_dit_vs_Slug, Sign Corrected



Right In: -0.065+/-0.096 χ^2/NDF : 8.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.108+/-0.089 χ^2/NDF : 22.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

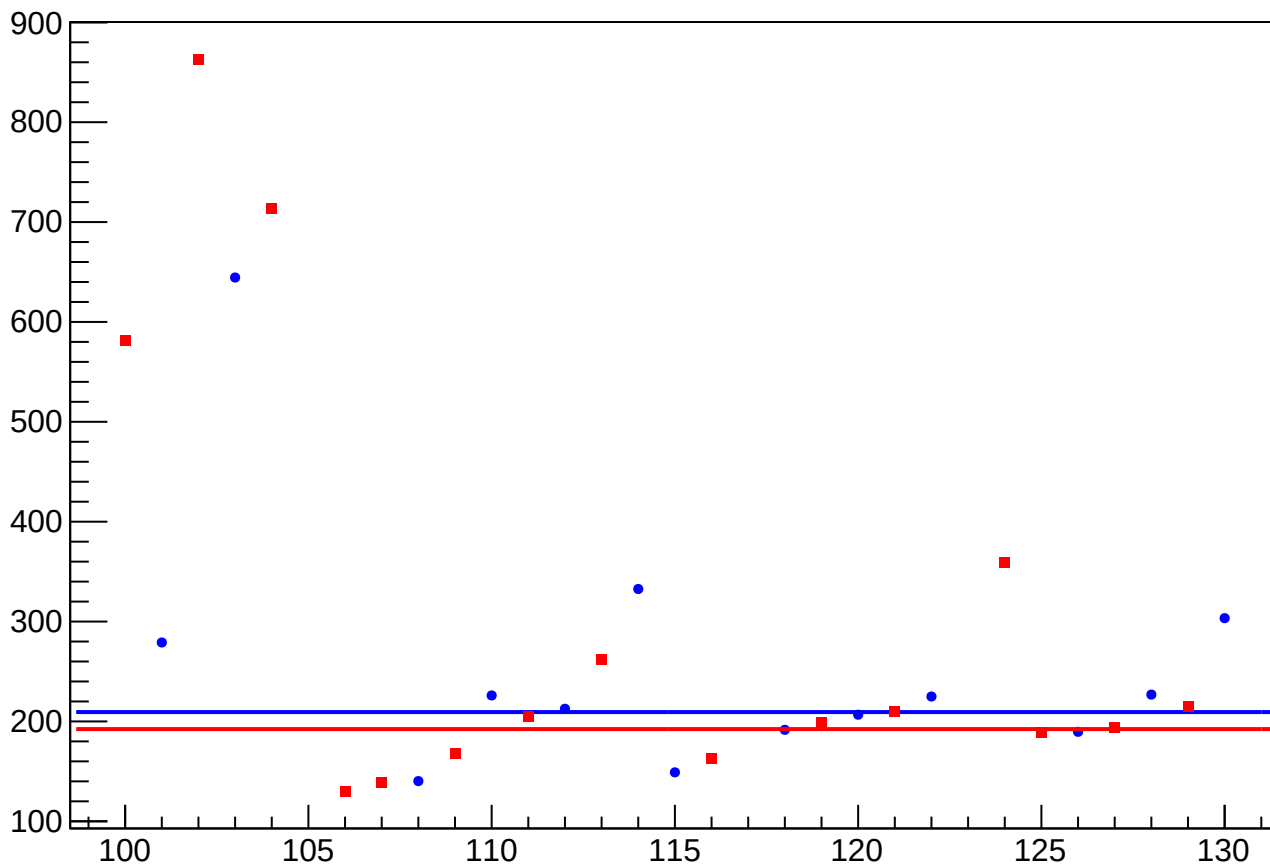
Right: 0.028+/-0.065 χ^2/NDF : 32.6/27

In: -0.065+/-0.096 χ^2/NDF : 8.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.065 χ^2/NDF : 32.6/27

asym_usr_atr2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 209.375+/-0.068 χ^2/NDF : 995833.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 192.331+/-0.063 χ^2/NDF : 1407845.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

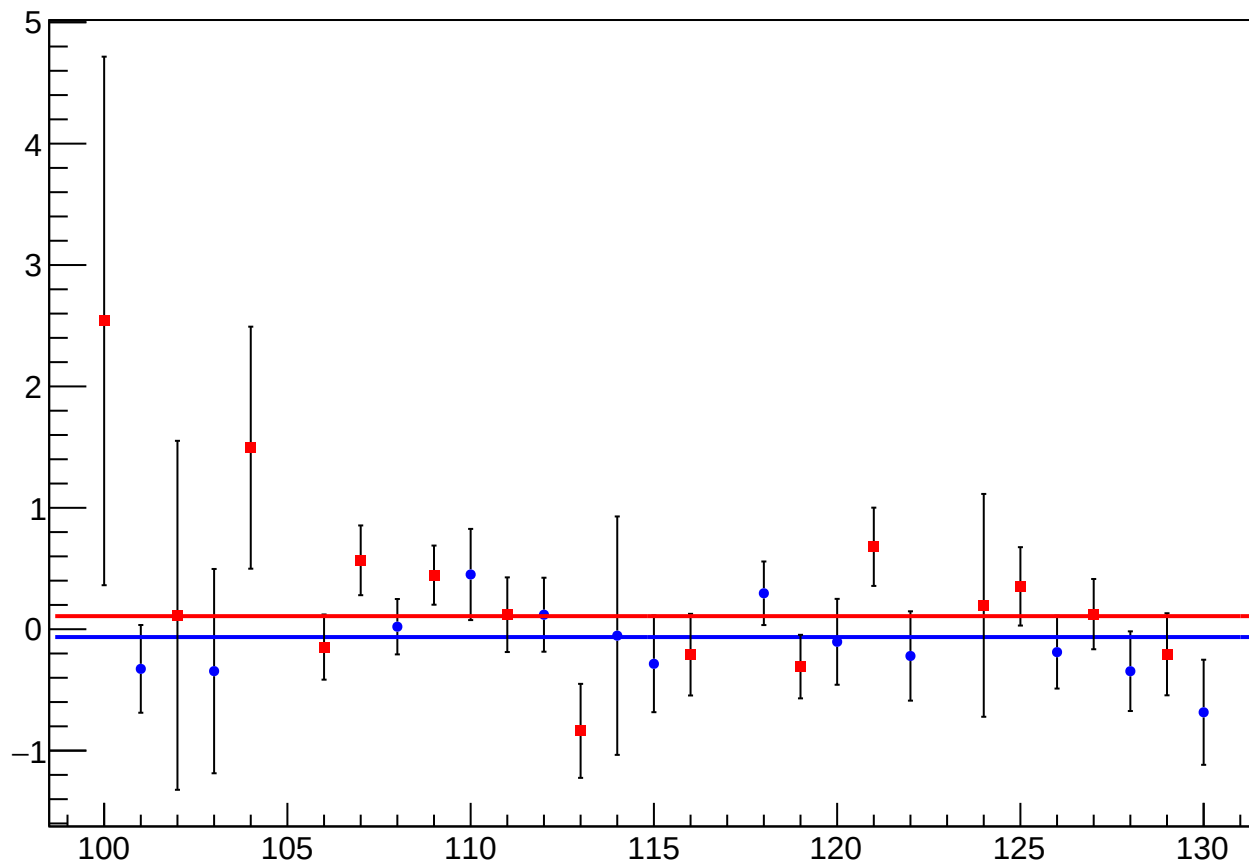
Right: 200.232+/-0.046 χ^2/NDF : 2437706.5/27

In: 209.375+/-0.068 χ^2/NDF : 995833.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 200.232+/-0.046 χ^2/NDF : 2437706.5/27

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.065+/-0.096 χ^2/NDF : 8.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.108+/-0.089 χ^2/NDF : 22.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

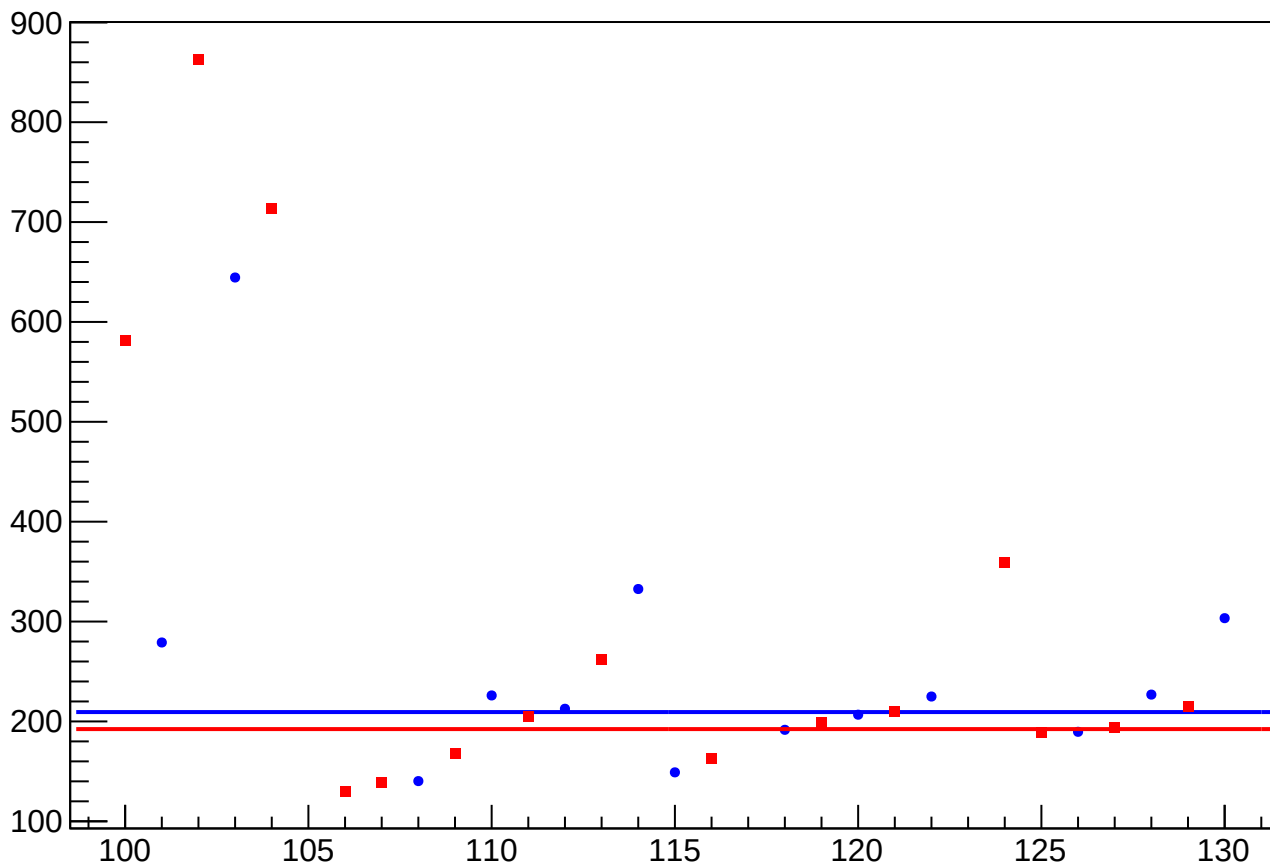
Right: 0.028+/-0.065 χ^2/NDF : 32.6/27

In: -0.065+/-0.096 χ^2/NDF : 8.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.065 χ^2/NDF : 32.6/27

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 209.375+/-0.068 χ^2/NDF : 995833.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 192.331+/-0.063 χ^2/NDF : 1407845.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

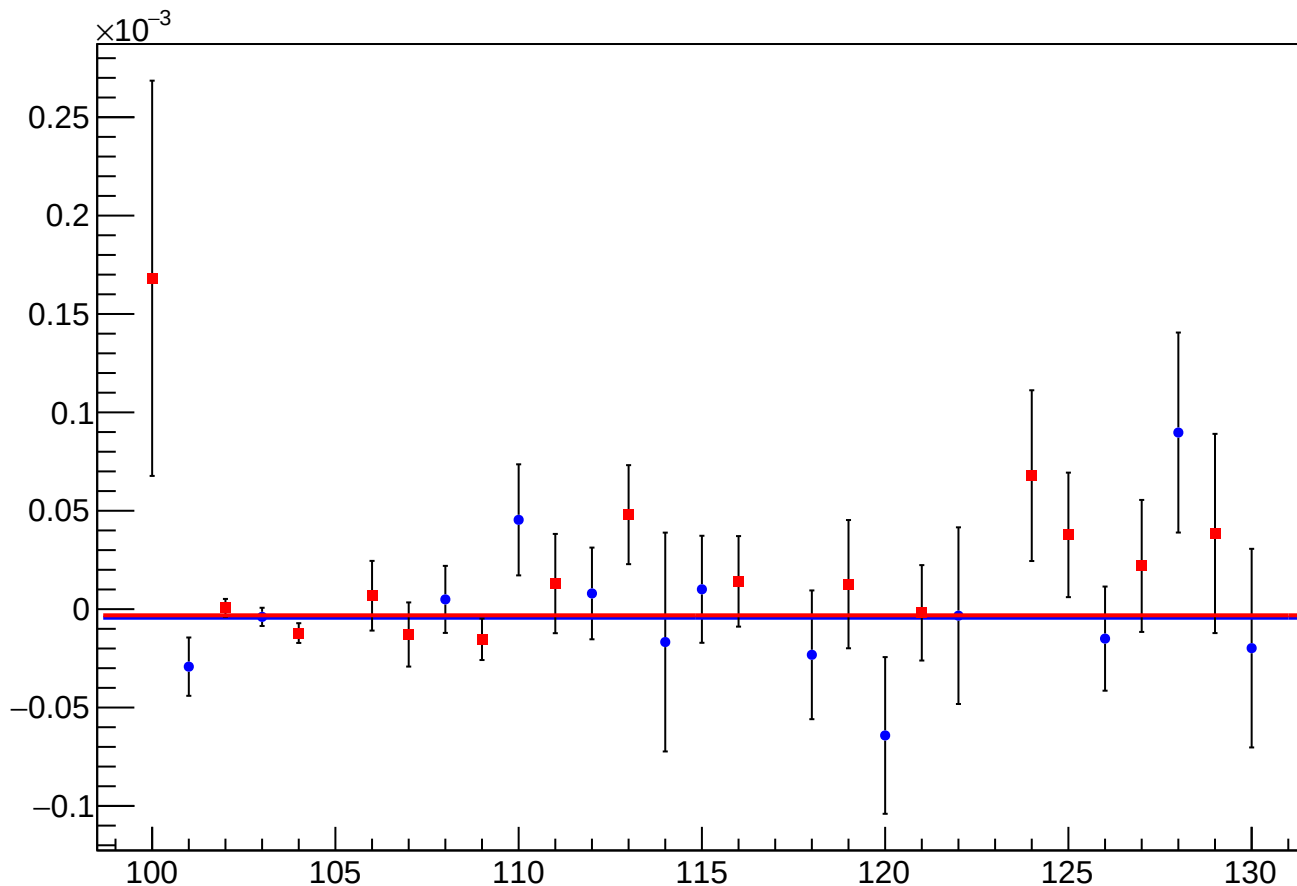
Right: 200.232+/-0.046 χ^2/NDF : 2437706.5/27

In: 209.375+/-0.068 χ^2/NDF : 995833.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 200.232+/-0.046 χ^2/NDF : 2437706.5/27

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 19.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

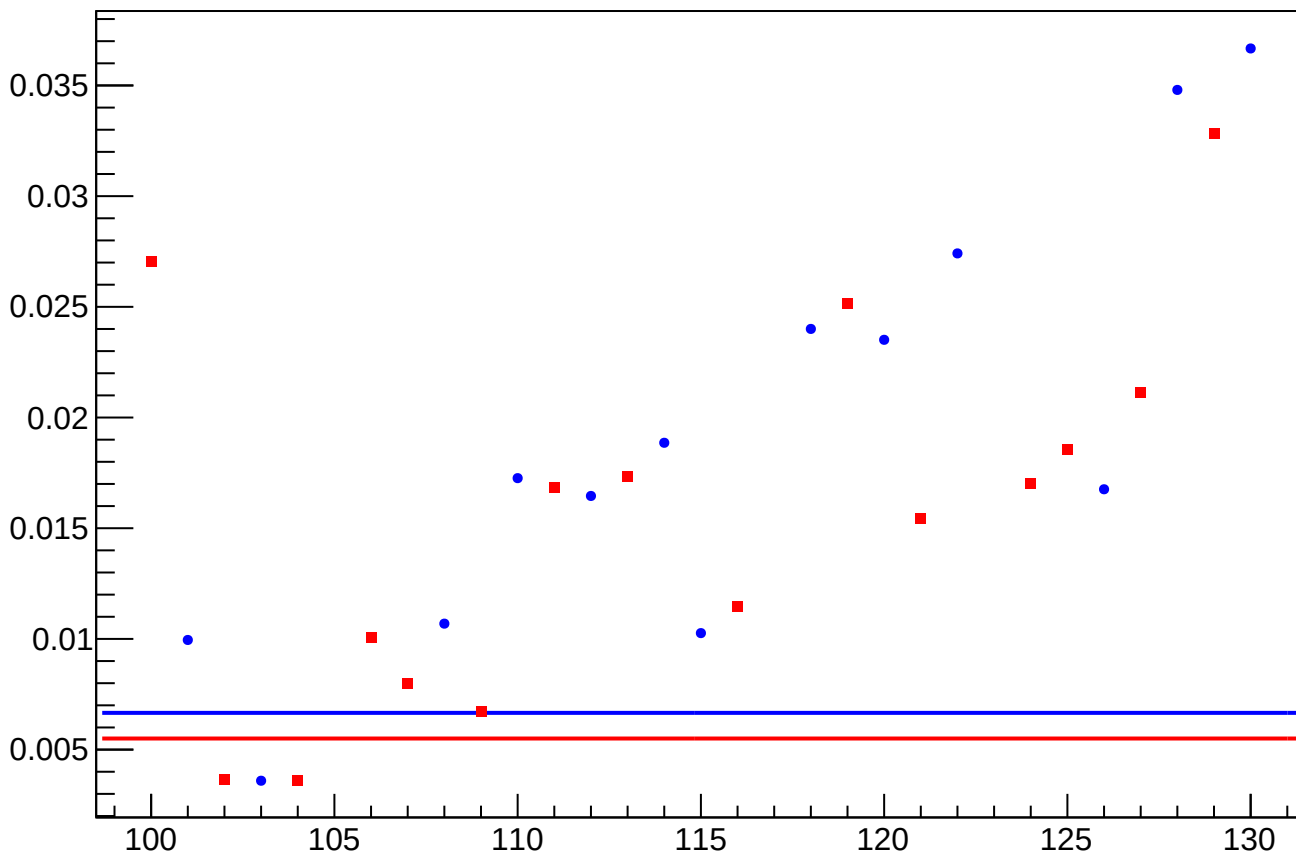
Right: -0.000+/-0.000 χ^2/NDF : 32.9/27

In: -0.000+/-0.000 χ^2/NDF : 13.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.9/27

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000

χ^2/NDF : 4816297.7/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000

χ^2/NDF : 4448767.4/14

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.006+/-0.000

χ^2/NDF : 9375147.0/27

In: 0.007+/-0.000

χ^2/NDF : 4816297.7/12

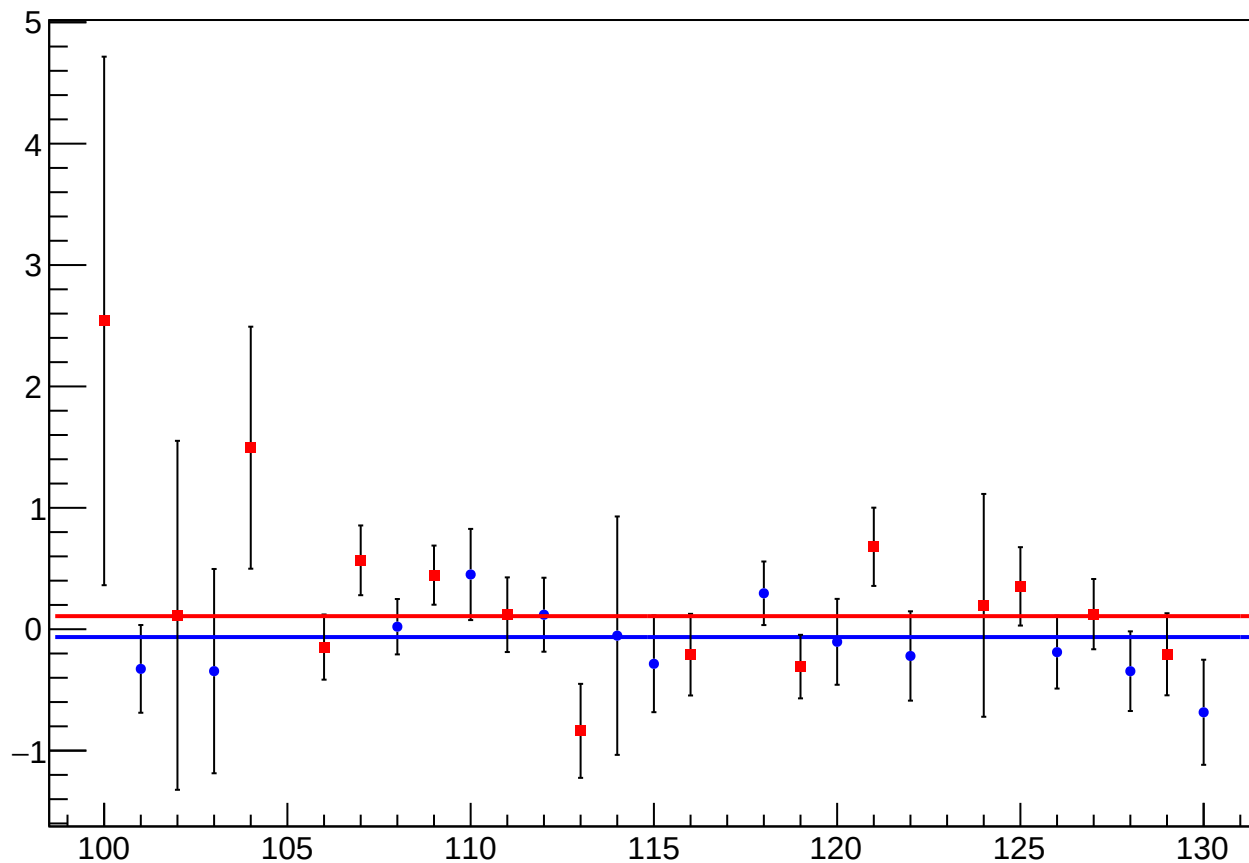
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.006+/-0.000

χ^2/NDF : 9375147.0/27

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.065+/-0.096 χ^2/NDF : 8.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.108+/-0.089 χ^2/NDF : 22.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

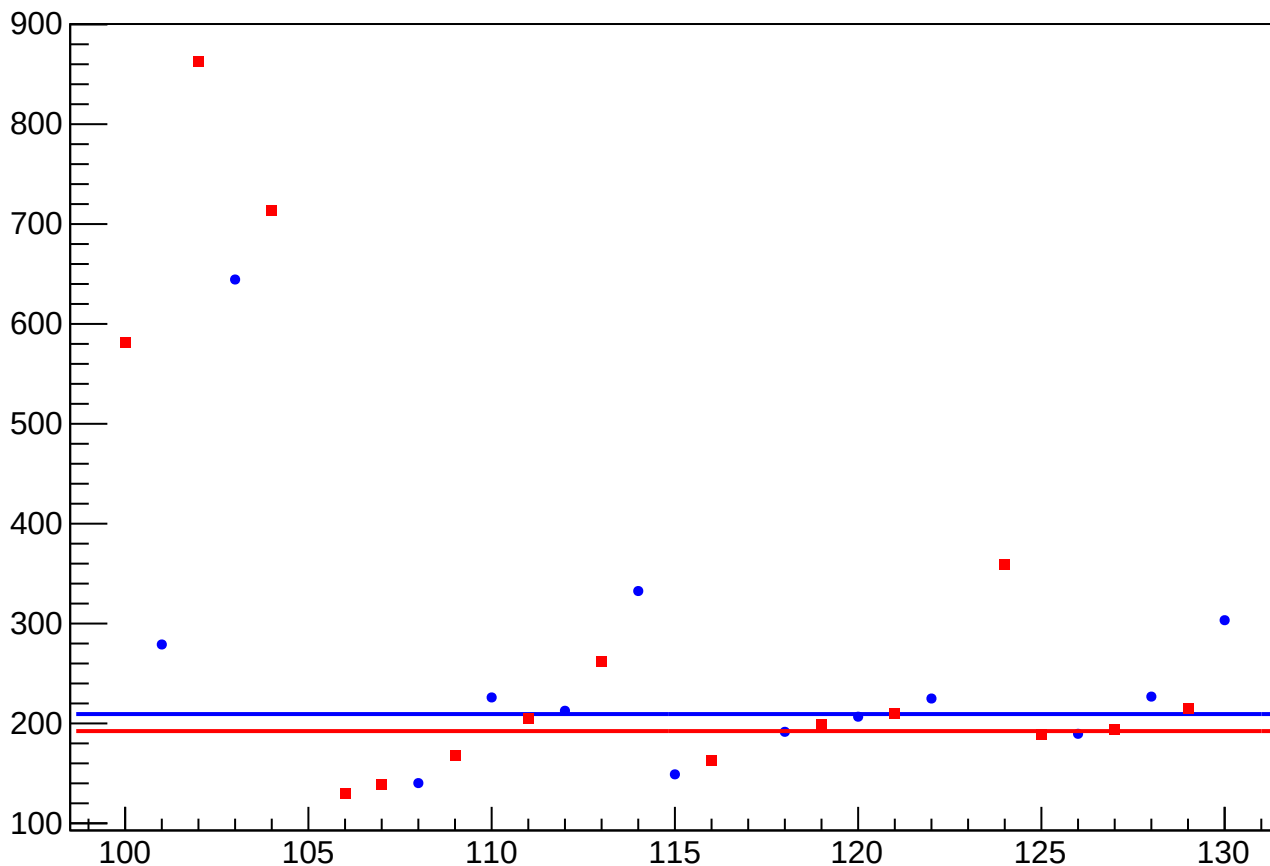
Right: 0.028+/-0.065 χ^2/NDF : 32.6/27

In: -0.065+/-0.096 χ^2/NDF : 8.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.065 χ^2/NDF : 32.6/27

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 209.373+/-0.068 χ^2/NDF : 995797.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 192.329+/-0.063 χ^2/NDF : 1407821.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

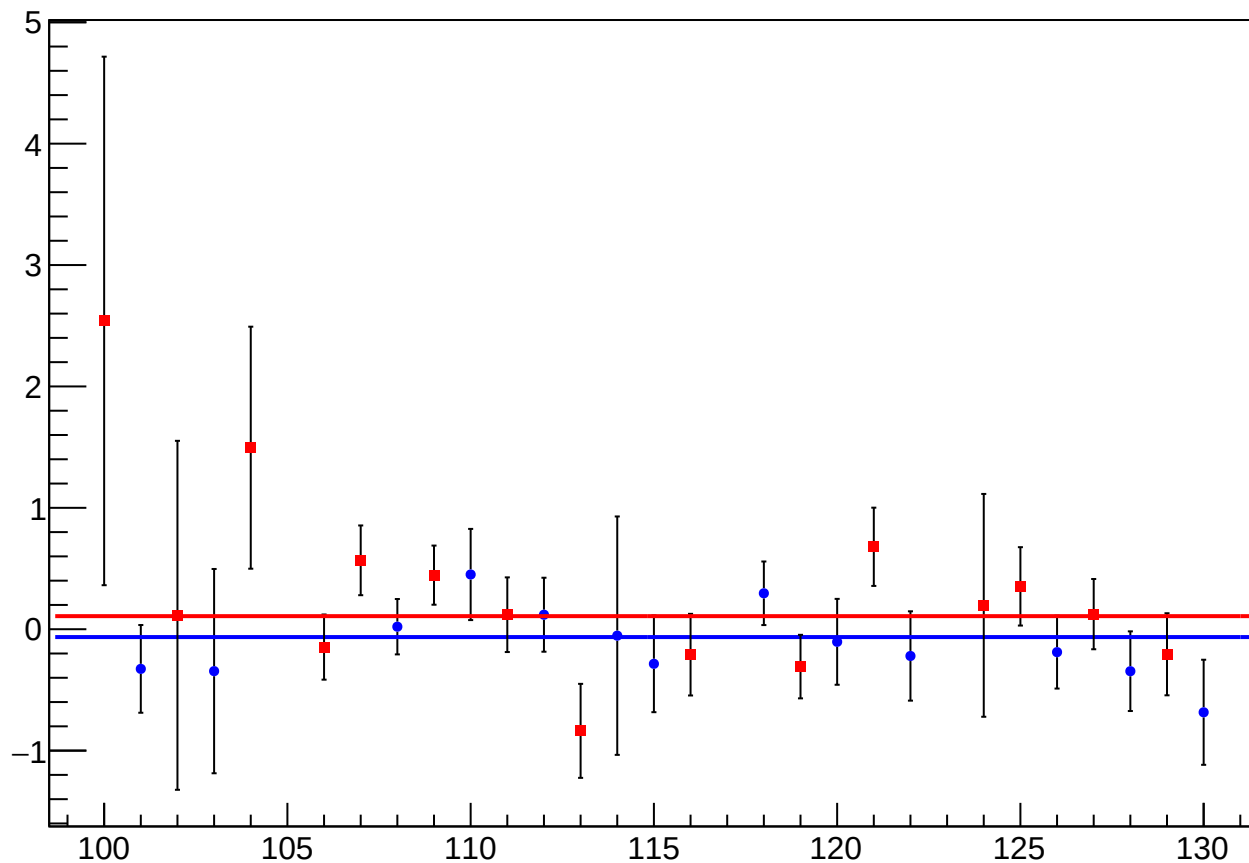
Right: 200.230+/-0.046 χ^2/NDF : 2437645.2/27

In: 209.373+/-0.068 χ^2/NDF : 995797.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 200.230+/-0.046 χ^2/NDF : 2437645.2/27

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.065+/-0.096 χ^2/NDF : 8.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.108+/-0.089 χ^2/NDF : 22.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

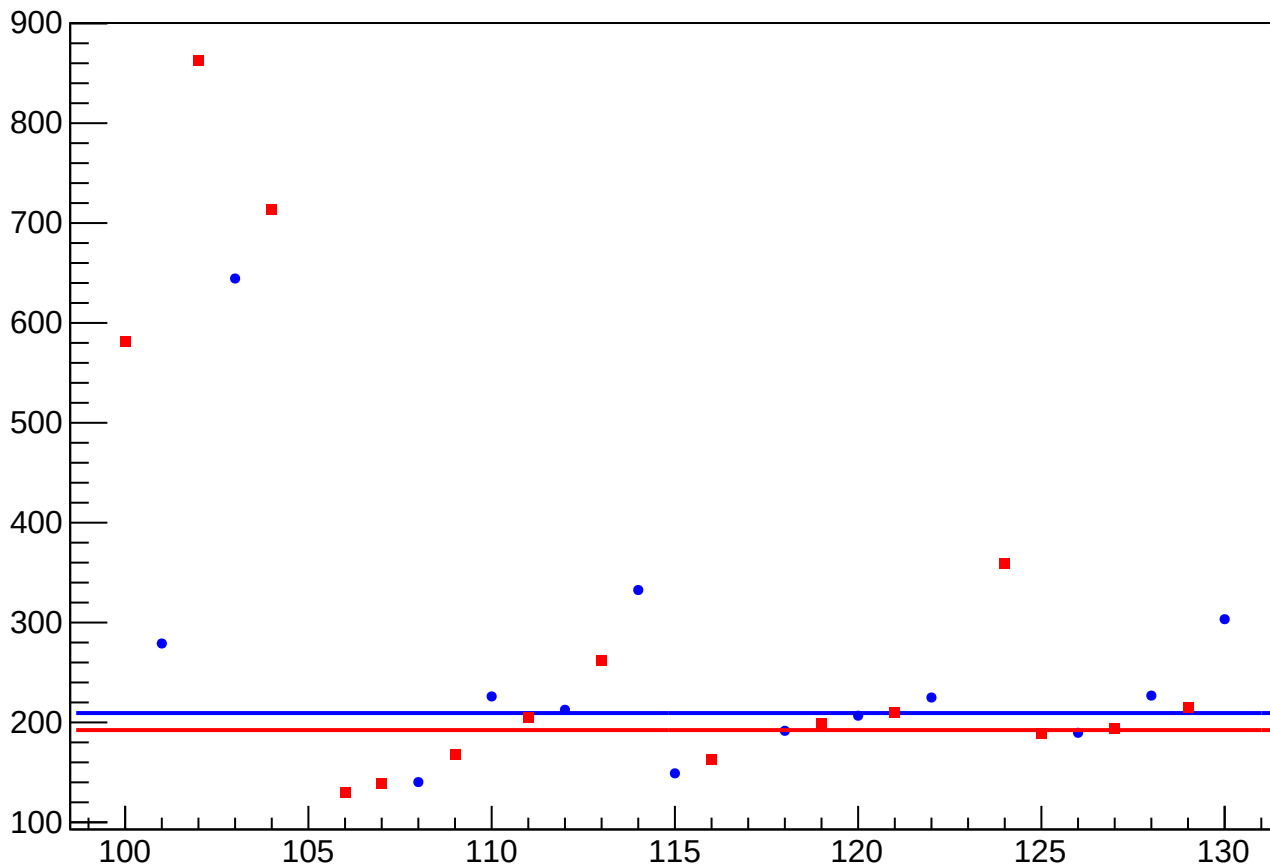
Right: 0.028+/-0.065 χ^2/NDF : 32.6/27

In: -0.065+/-0.096 χ^2/NDF : 8.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.065 χ^2/NDF : 32.6/27

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 209.373+/-0.068 χ^2/NDF : 995797.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 192.329+/-0.063 χ^2/NDF : 1407821.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

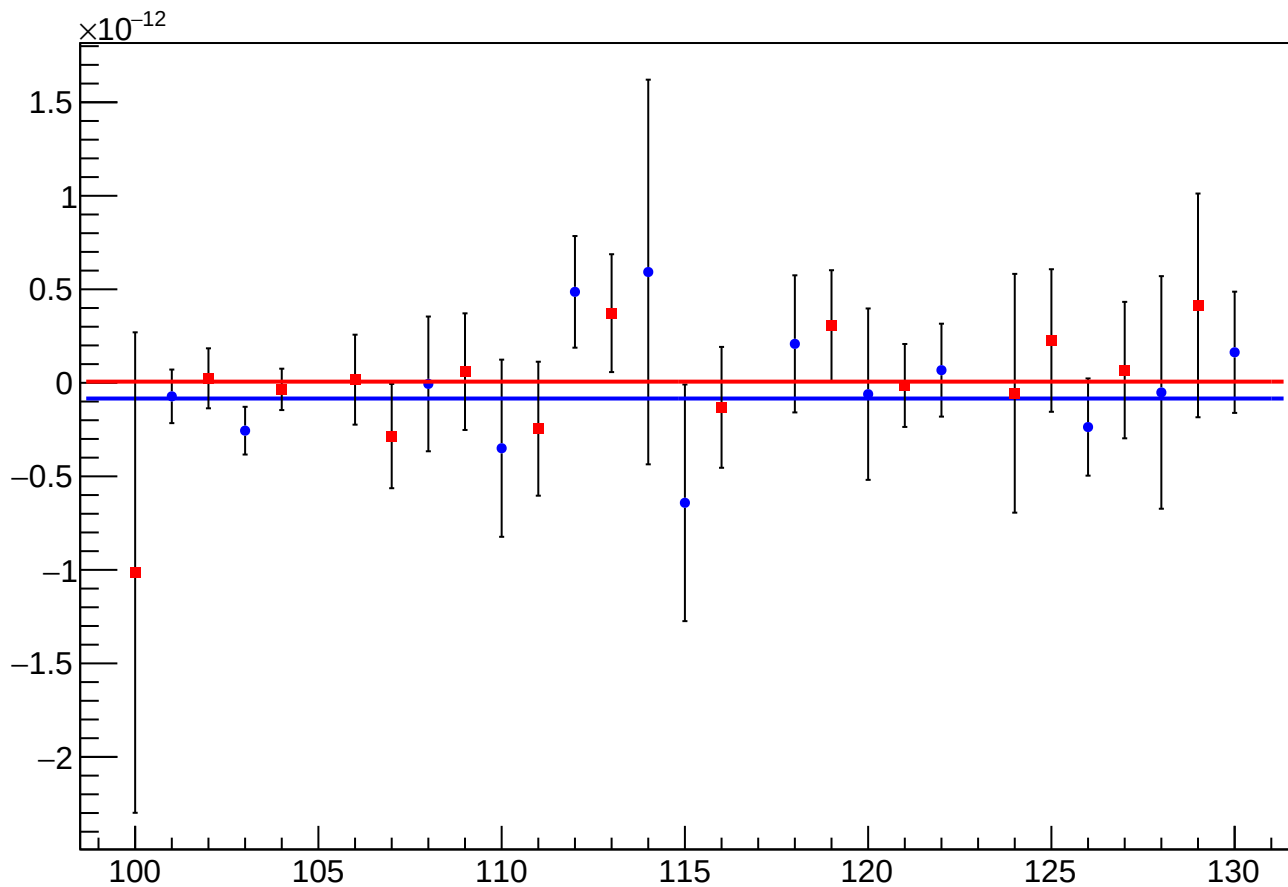
Right: 200.230+/-0.046 χ^2/NDF : 2437645.2/27

In: 209.373+/-0.068 χ^2/NDF : 995797.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 200.230+/-0.046 χ^2/NDF : 2437645.2/27

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

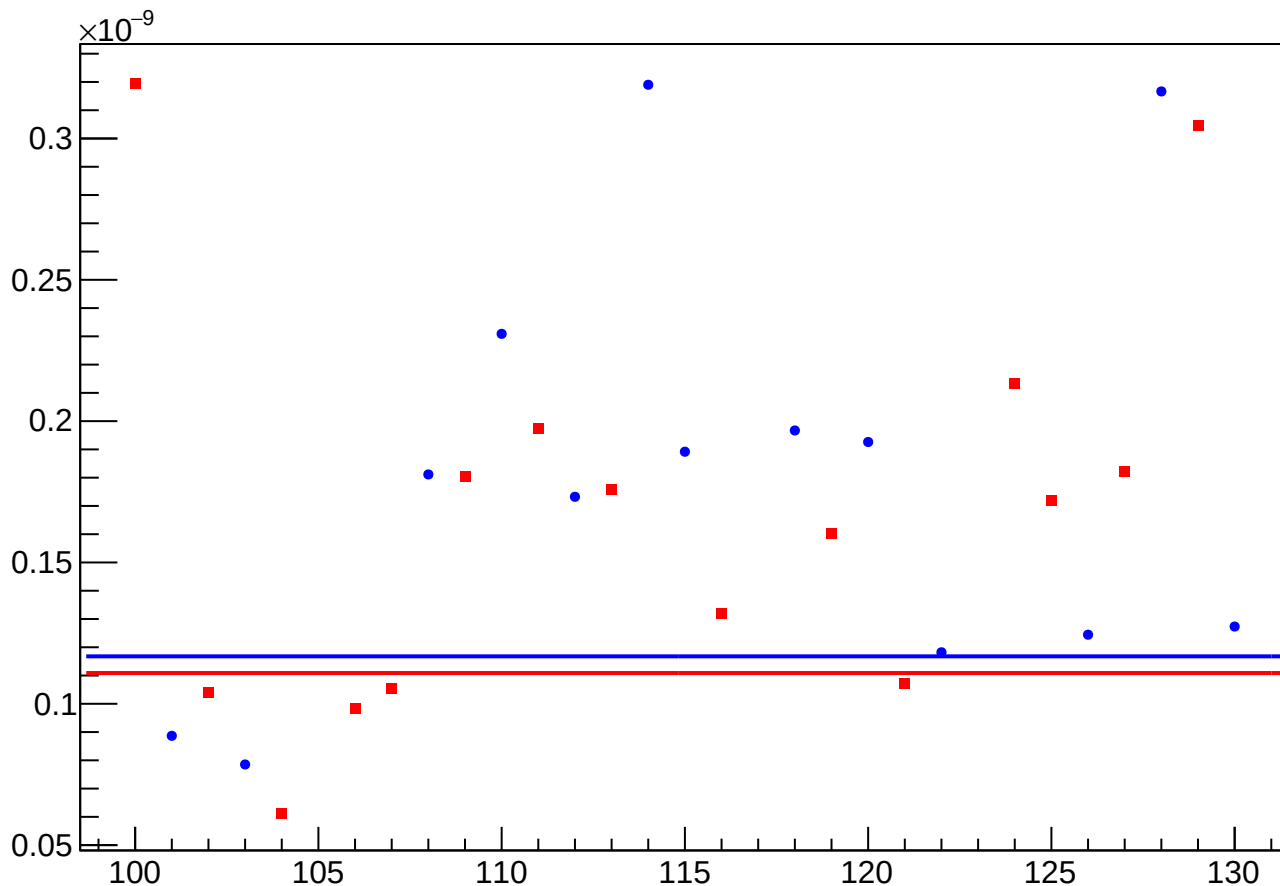
Right: -0.000+/-0.000 χ^2/NDF : 15.6/27

In: -0.000+/-0.000 χ^2/NDF :9.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.6/27

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 972286.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1222778.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

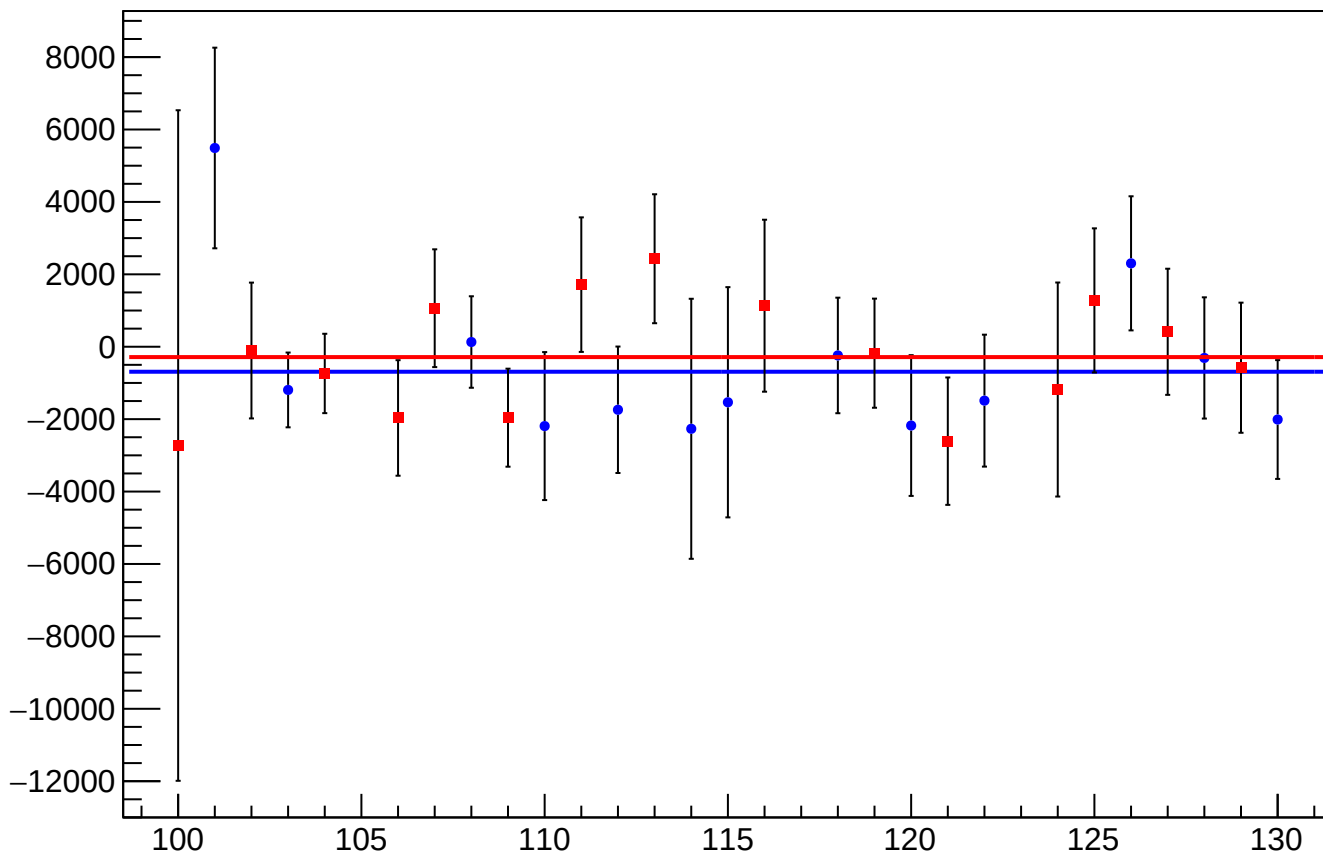
Right: 0.000+/-0.000 χ^2/NDF : 2202502.8/27

In: 0.000+/-0.000 χ^2/NDF : 972286.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2202502.8/27

reg_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -690.565+/-475.850 χ^2/NDF : 11.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -285.892+/-447.376 χ^2/NDF : 10.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

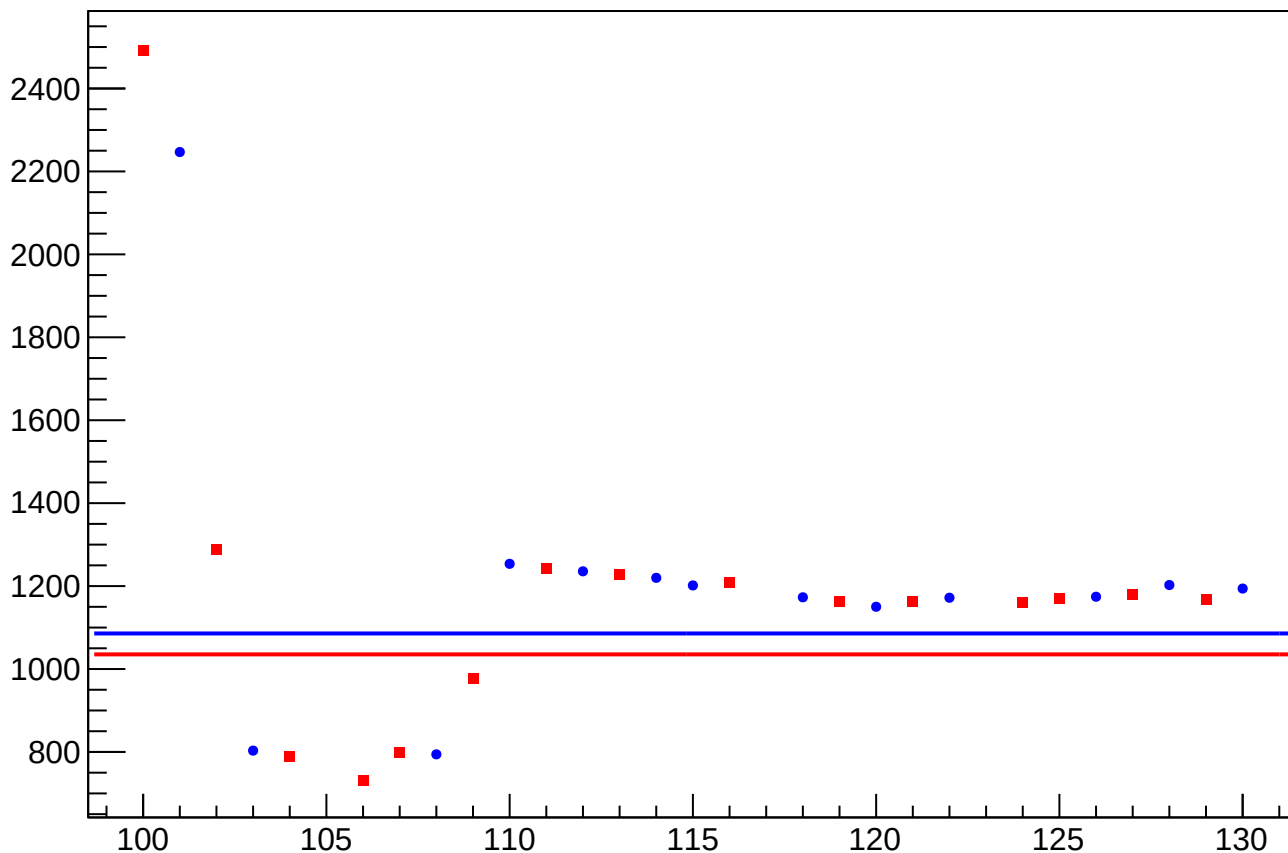
Right: -475.760+/-325.945 χ^2/NDF : 21.4/27

In: -690.565+/-475.850 χ^2/NDF : 11.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -475.760+/-325.945 χ^2/NDF : 21.4/27

reg_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1085.745+/-0.336 χ^2/NDF : 676593.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1035.318+/-0.313 χ^2/NDF : 444376.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

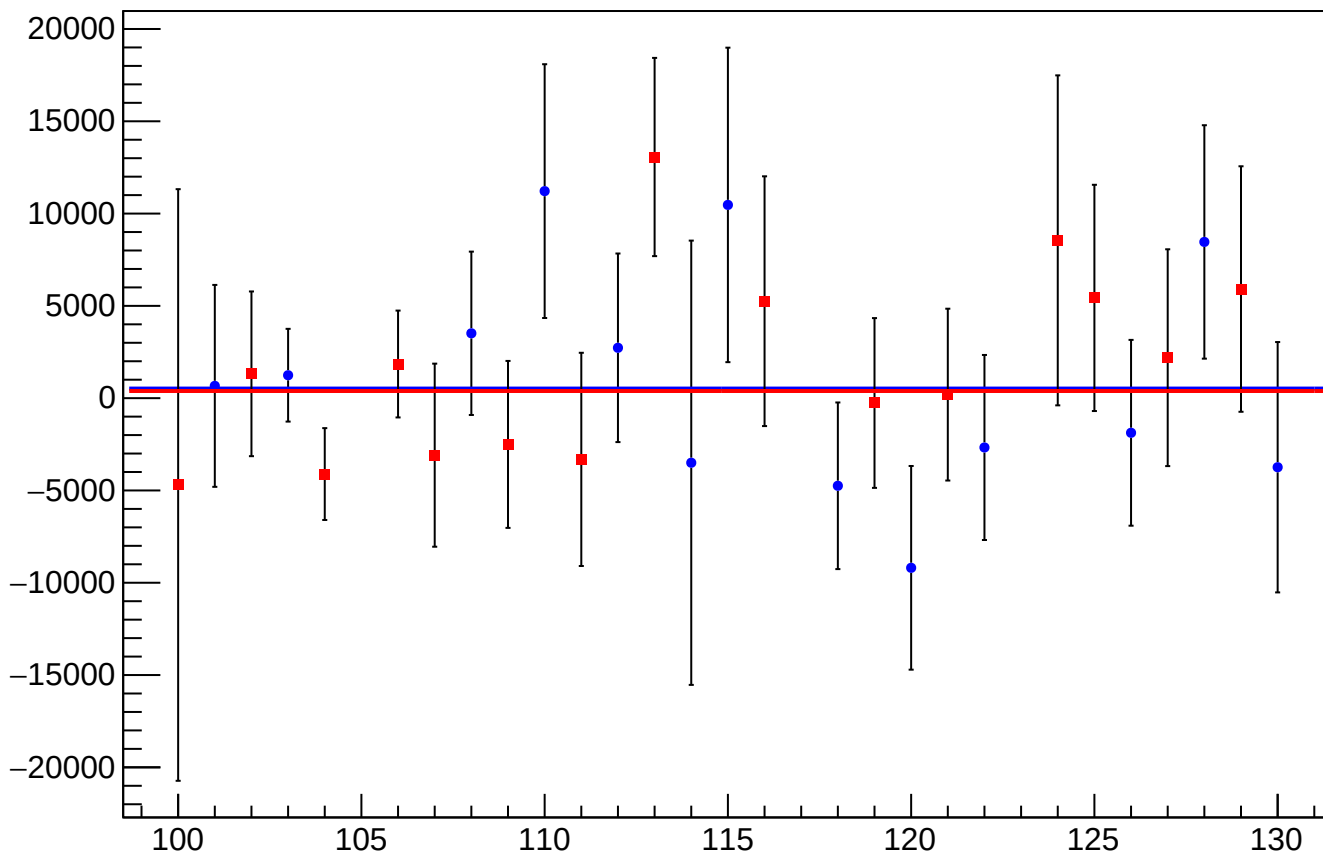
Right: 1058.731+/-0.229 χ^2/NDF : 1133001.1/27

In: 1085.745+/-0.336 χ^2/NDF : 676593.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1058.731+/-0.229 χ^2/NDF : 1133001.1/27

asym_usr_atr2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 518.880 $\pm$ 1372.199 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 388.707 $\pm$ 1199.278 χ^2 /NDF: 13.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

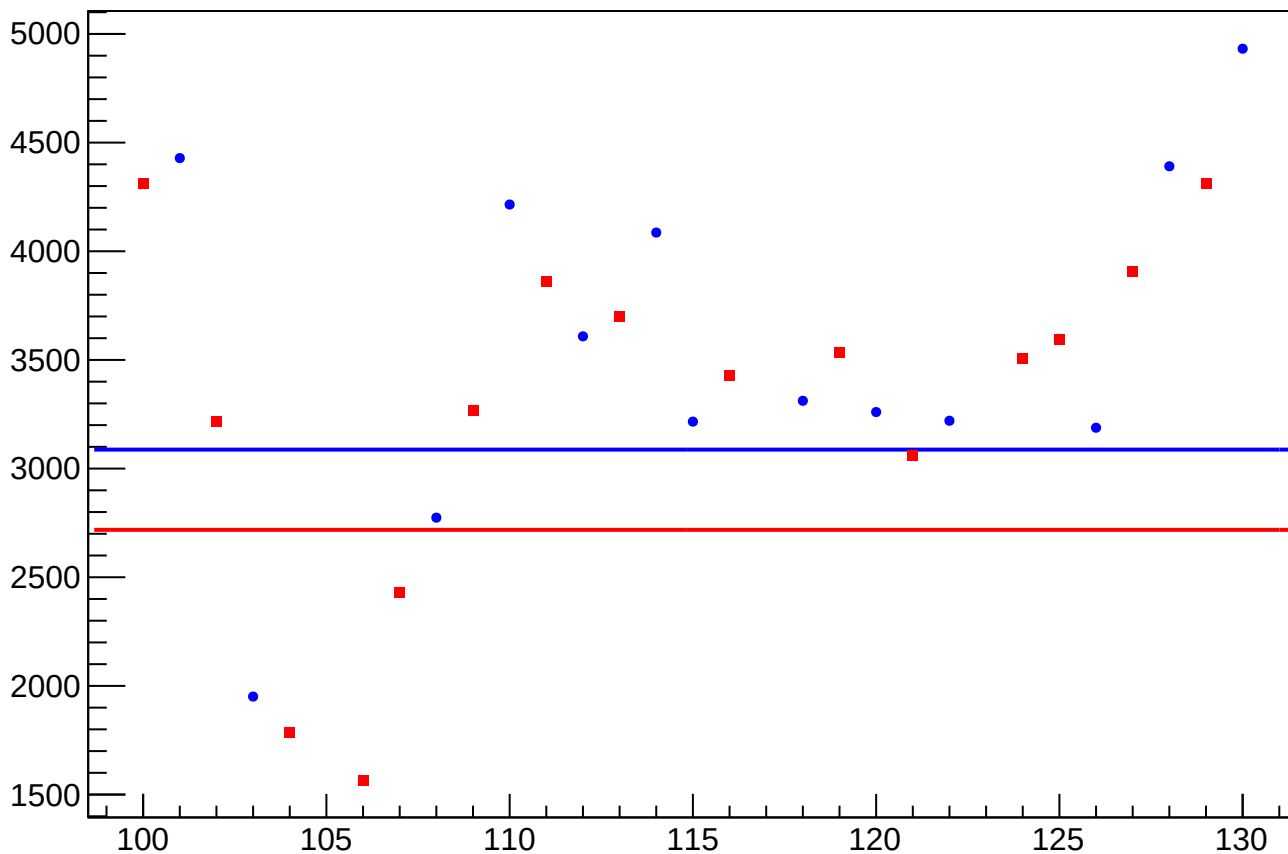
Right: 445.080 $\pm$ 903.004 χ^2 /NDF: 25.1/27

In: 518.880 $\pm$ 1372.199 χ^2 /NDF:11.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 445.080 $\pm$ 903.004 χ^2 /NDF: 25.1/27

asym_usr_atr2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3087.306+/-0.970 χ^2/NDF : 870537.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2718.072+/-0.848 χ^2/NDF : 1174980.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

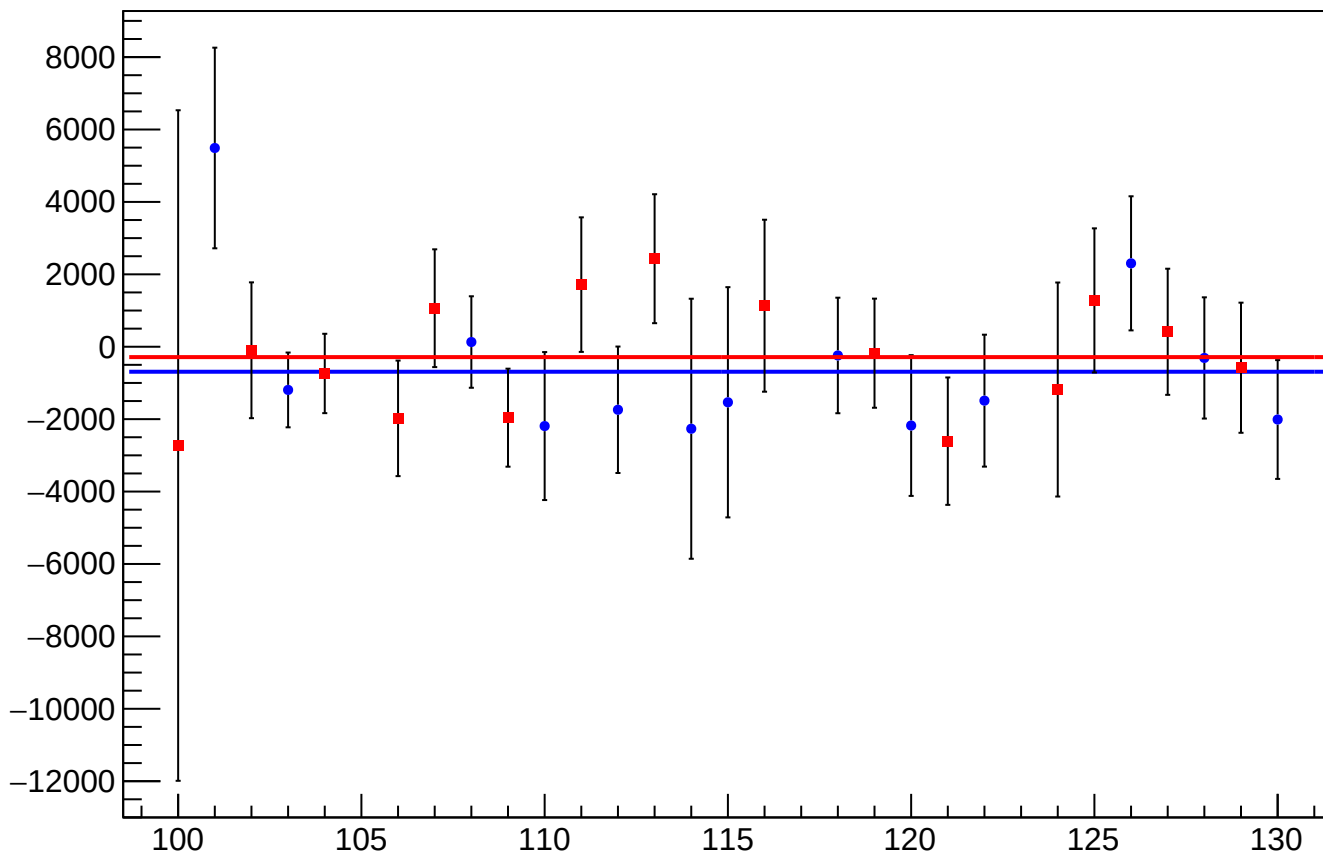
Right: 2877.971+/-0.639 χ^2/NDF : 2127616.9/27

In: 3087.306+/-0.970 χ^2/NDF : 870537.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2877.971+/-0.639 χ^2/NDF : 2127616.9/27

cor_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -690.479+/-475.851 χ^2/NDF : 11.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -286.254+/-447.382 χ^2/NDF : 10.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

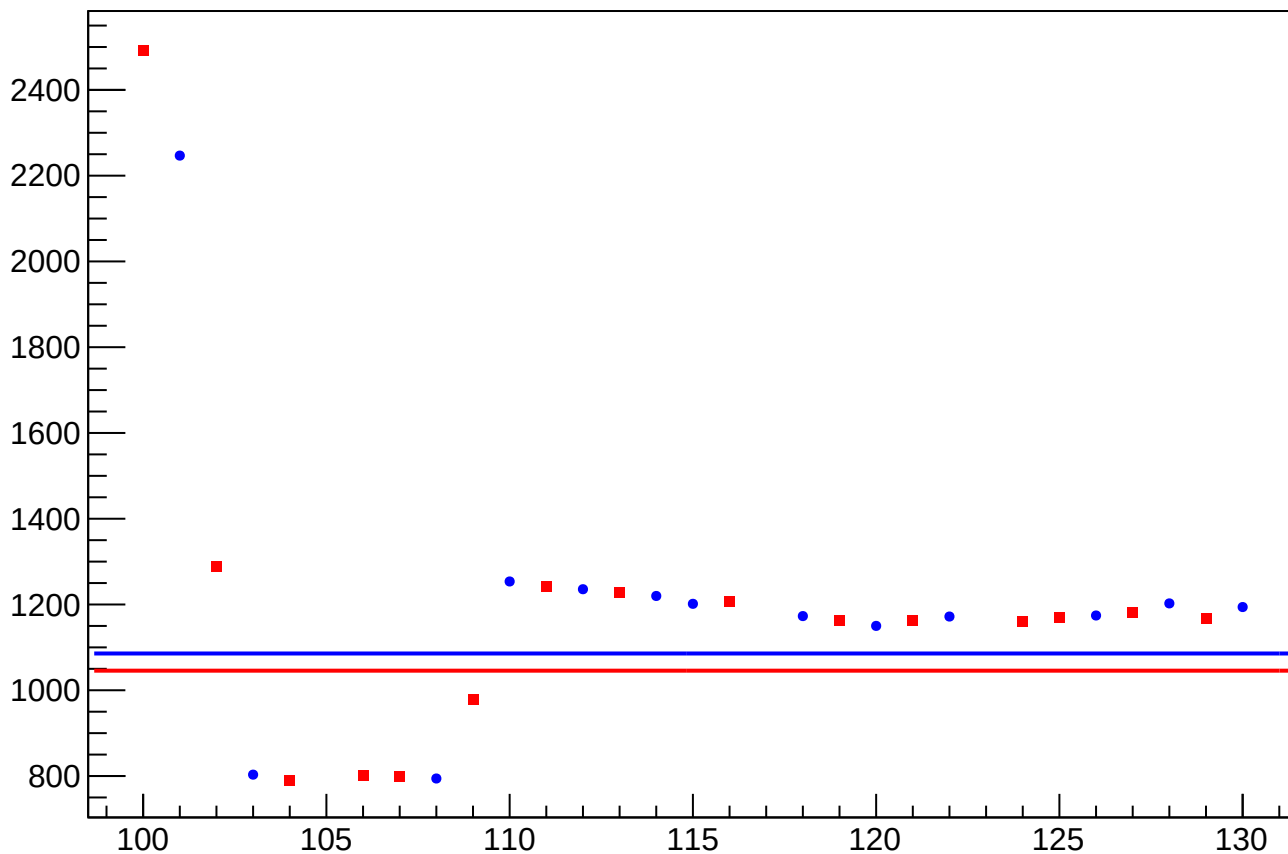
Right: -475.913+/-325.947 χ^2/NDF : 21.4/27

In: -690.479+/-475.851 χ^2/NDF : 11.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -475.913+/-325.947 χ^2/NDF : 21.4/27

cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1085.745+/-0.336 χ^2/NDF : 676590.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1045.685+/-0.316 χ^2/NDF : 398137.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

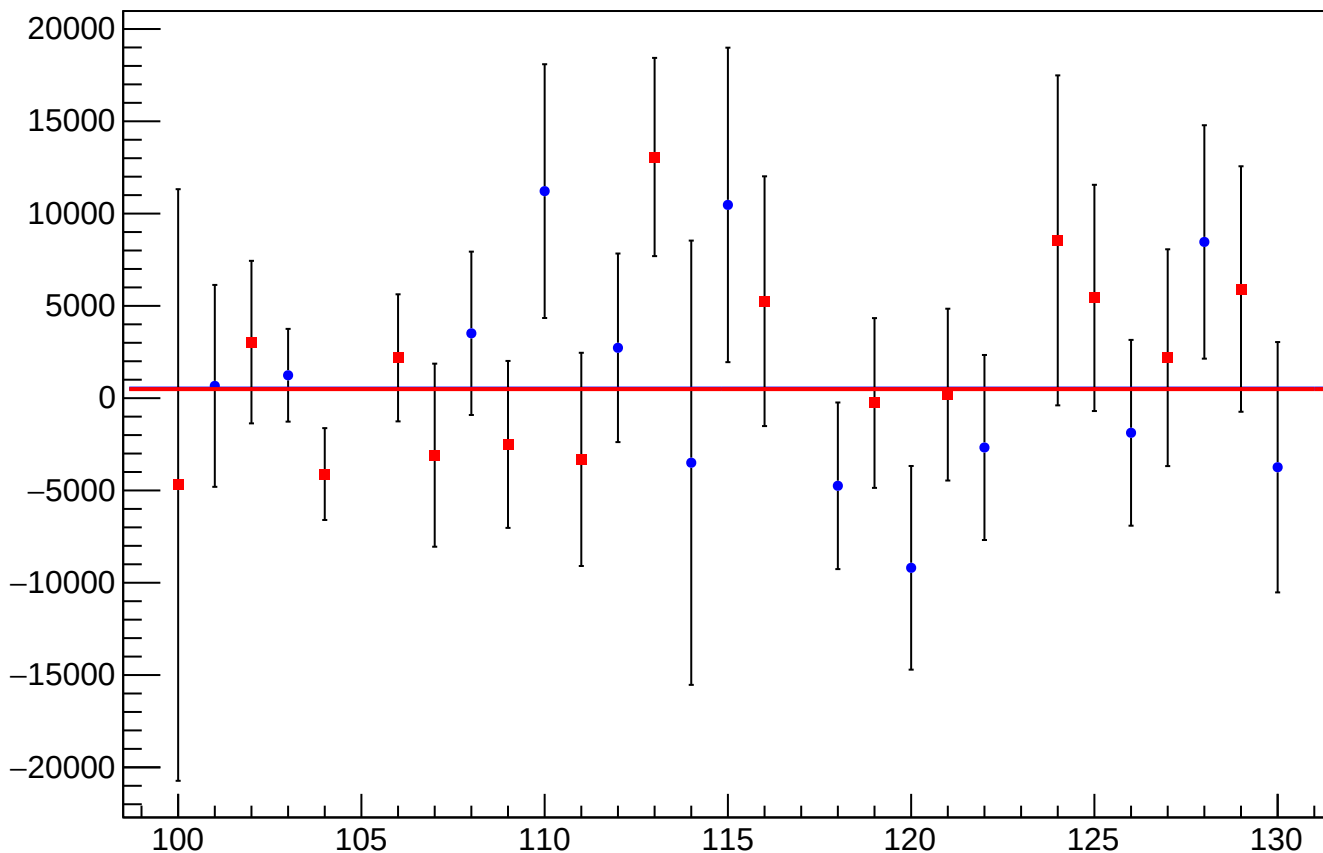
Right: 1064.435+/-0.230 χ^2/NDF : 1082267.8/27

In: 1085.745+/-0.336 χ^2/NDF : 676590.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1064.435+/-0.230 χ^2/NDF : 1082267.8/27

asym_usr_atr2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 518.190+/-1372.268 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 490.260+/-1229.380 χ^2/NDF : 13.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

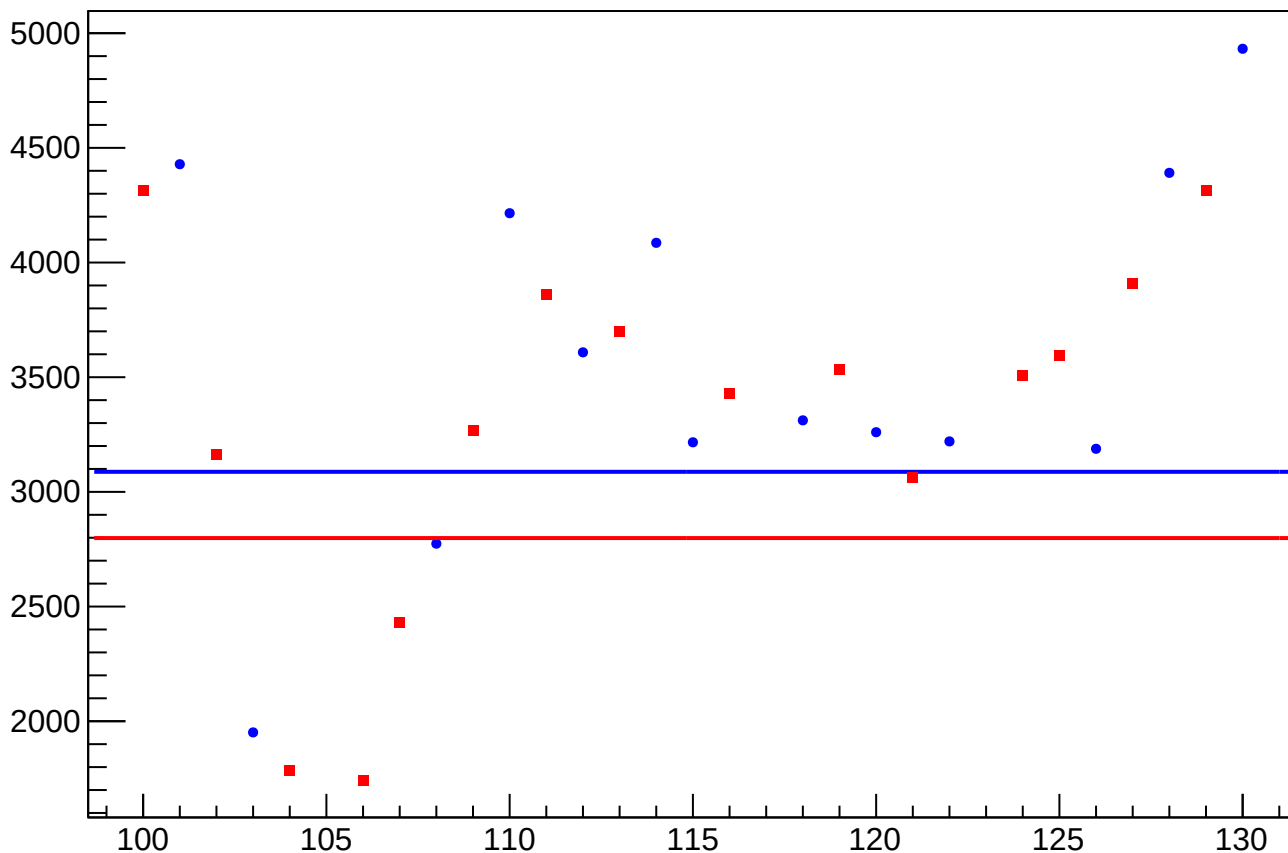
Right: 502.696+/-915.667 χ^2/NDF : 25.4/27

In: 518.190+/-1372.268 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 502.696+/-915.667 χ^2/NDF : 25.4/27

asym_usr_atr2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3087.526+/-0.970 χ^2/NDF : 870140.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2798.625+/-0.869 χ^2/NDF : 1005334.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

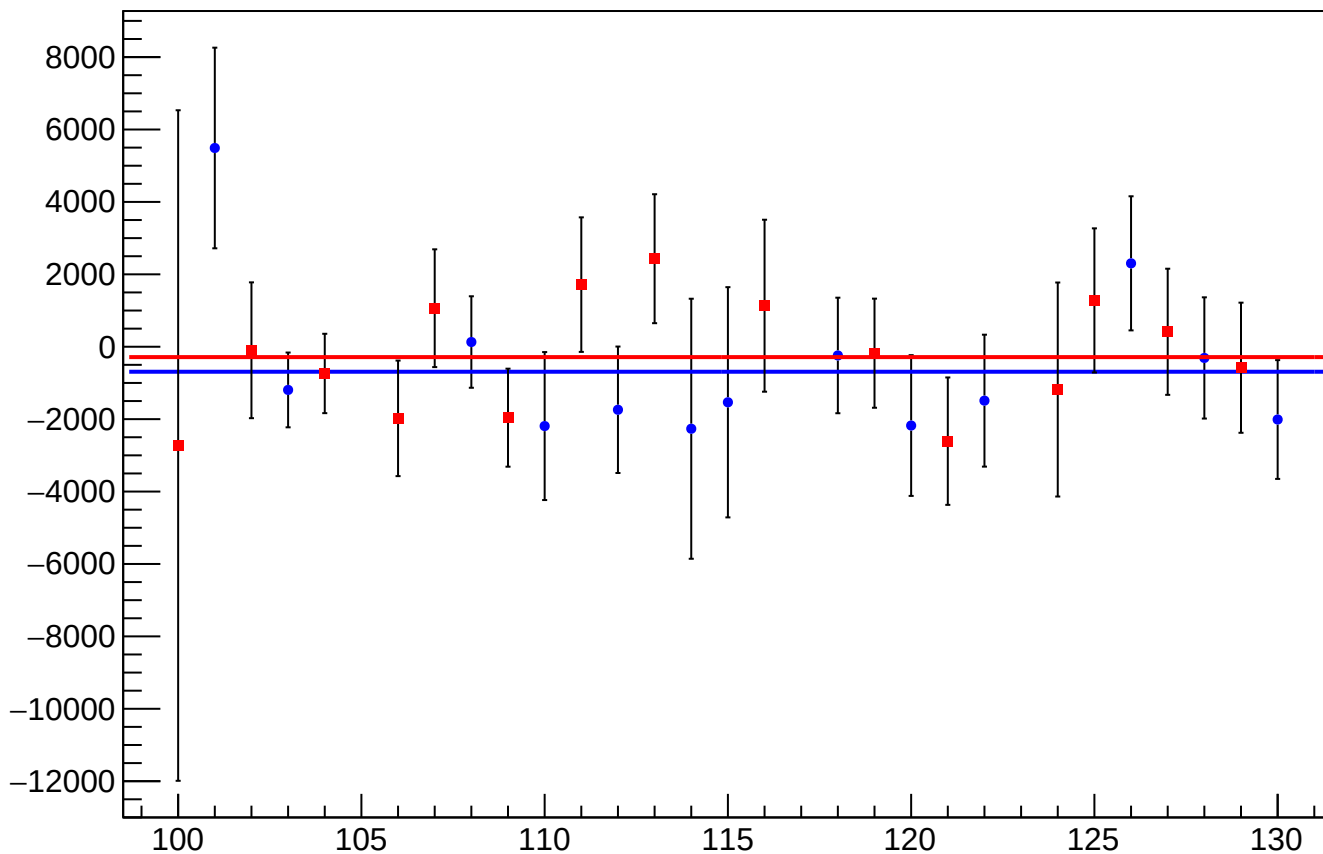
Right: 2927.256+/-0.647 χ^2/NDF : 1924650.8/27

In: 3087.526+/-0.970 χ^2/NDF : 870140.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2927.256+/-0.647 χ^2/NDF : 1924650.8/27

eigen_cor_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -690.479+/-475.851 χ^2/NDF : 11.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -286.254+/-447.382 χ^2/NDF : 10.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

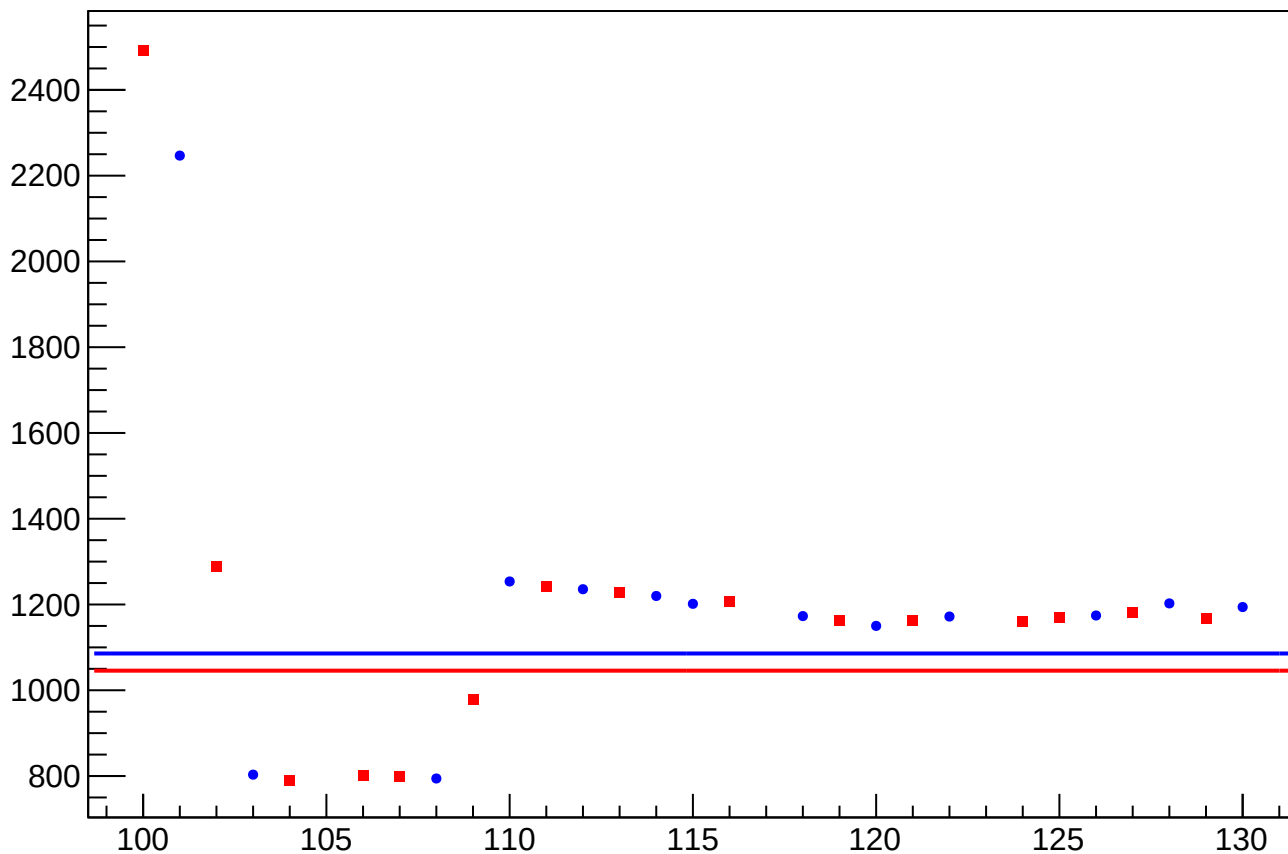
Right: -475.913+/-325.947 χ^2/NDF : 21.4/27

In: -690.479+/-475.851 χ^2/NDF : 11.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -475.913+/-325.947 χ^2/NDF : 21.4/27

eigen_cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1085.745+/-0.336 χ^2/NDF : 676590.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1045.685+/-0.316 χ^2/NDF : 398137.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

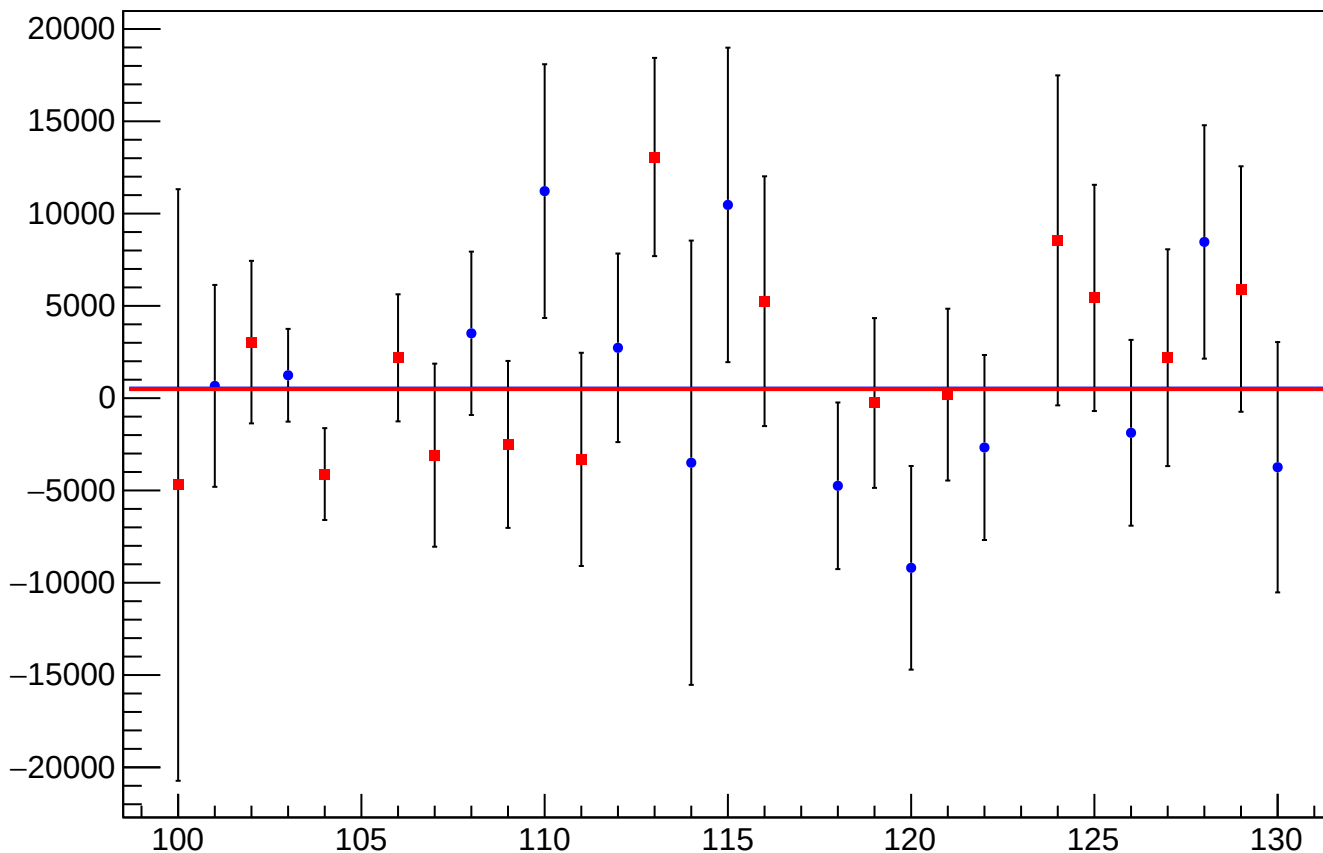
Right: 1064.435+/-0.230 χ^2/NDF : 1082267.8/27

In: 1085.745+/-0.336 χ^2/NDF : 676590.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1064.435+/-0.230 χ^2/NDF : 1082267.8/27

asym_usr_atr2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 518.190+/-1372.268 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 490.260+/-1229.380 χ^2/NDF : 13.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

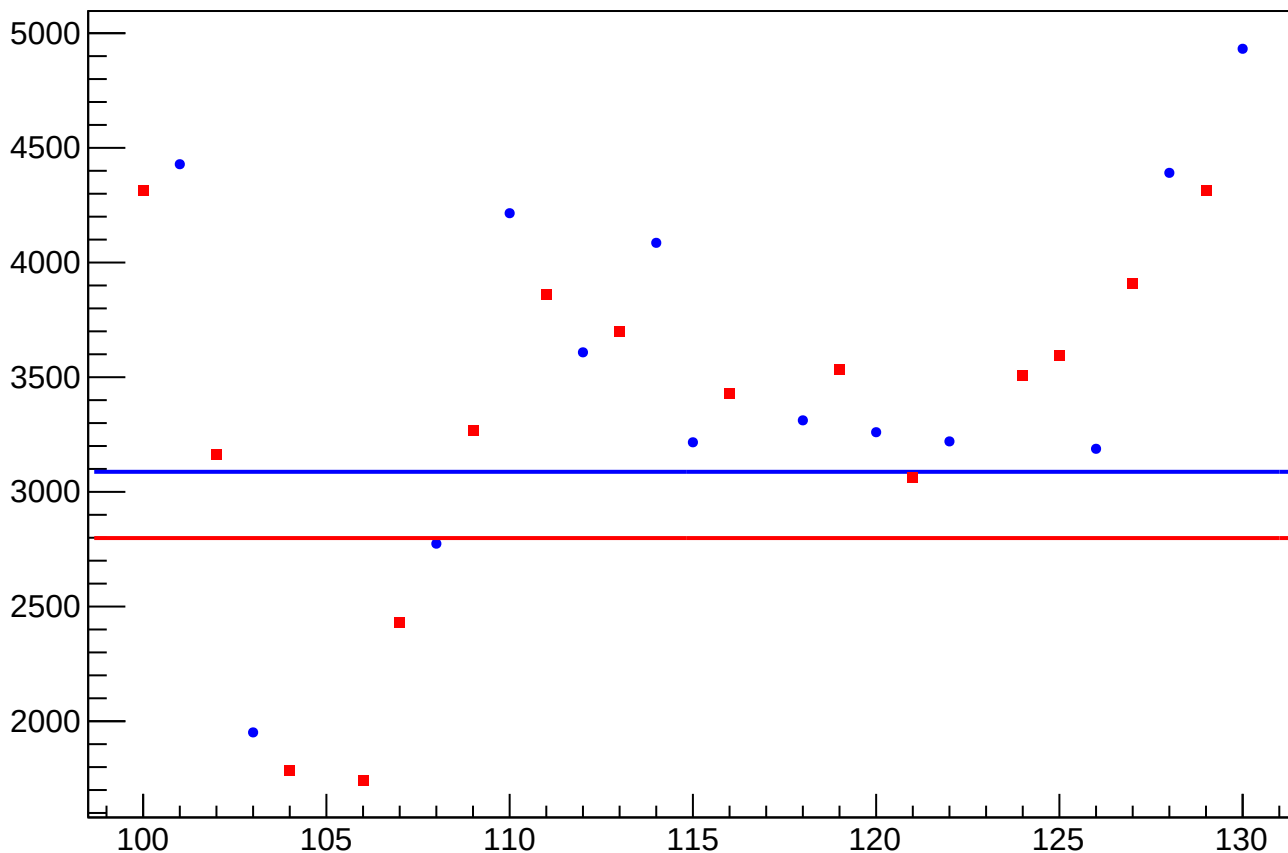
Right: 502.696+/-915.667 χ^2/NDF : 25.4/27

In: 518.190+/-1372.268 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 502.696+/-915.667 χ^2/NDF : 25.4/27

asym_usr_atr2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3087.526+/-0.970 χ^2/NDF : 870140.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2798.625+/-0.869 χ^2/NDF : 1005334.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

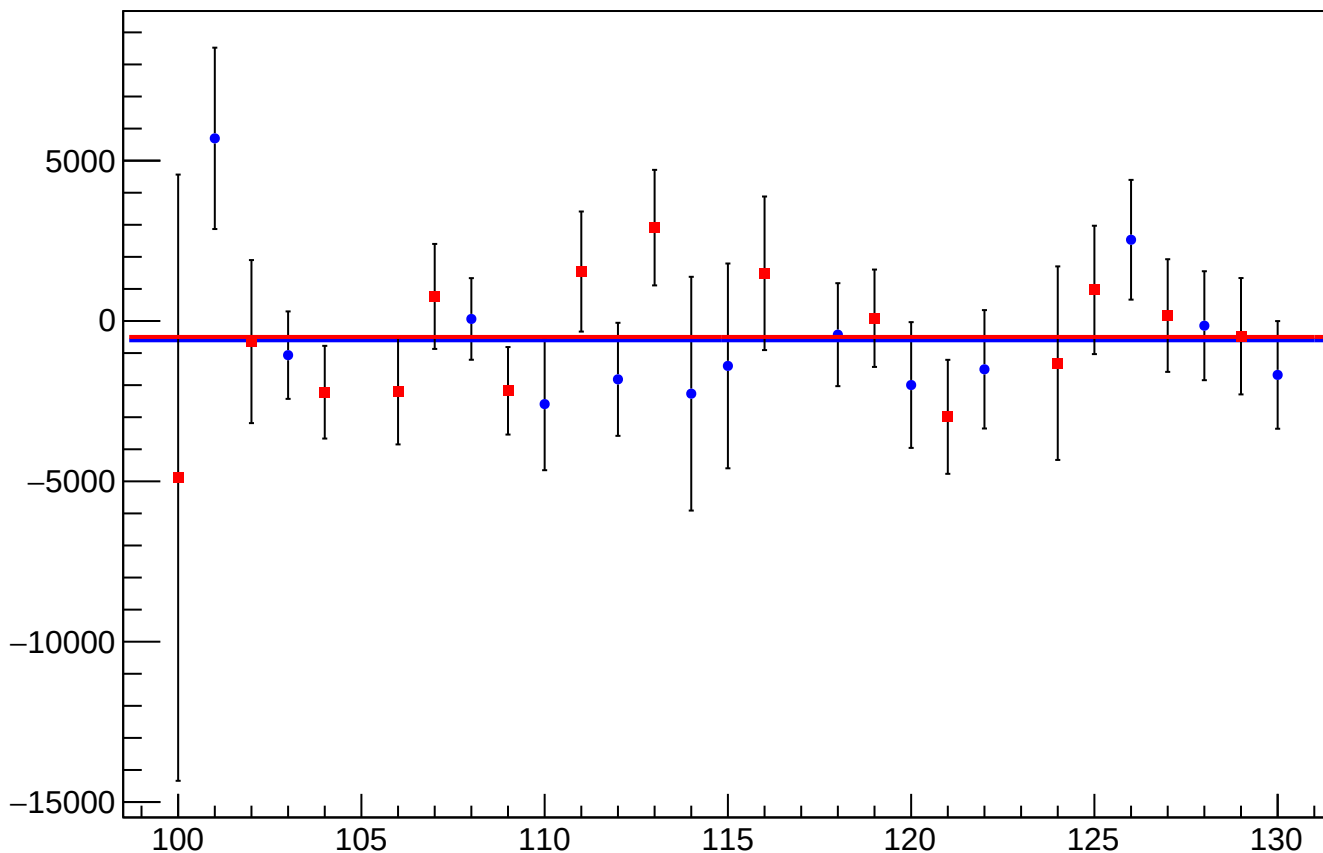
Right: 2927.256+/-0.647 χ^2/NDF : 1924650.8/27

In: 3087.526+/-0.970 χ^2/NDF : 870140.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2927.256+/-0.647 χ^2/NDF : 1924650.8/27

dit_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -601.626+/-503.748 χ^2/NDF : 11.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -497.056+/-475.446 χ^2/NDF : 13.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

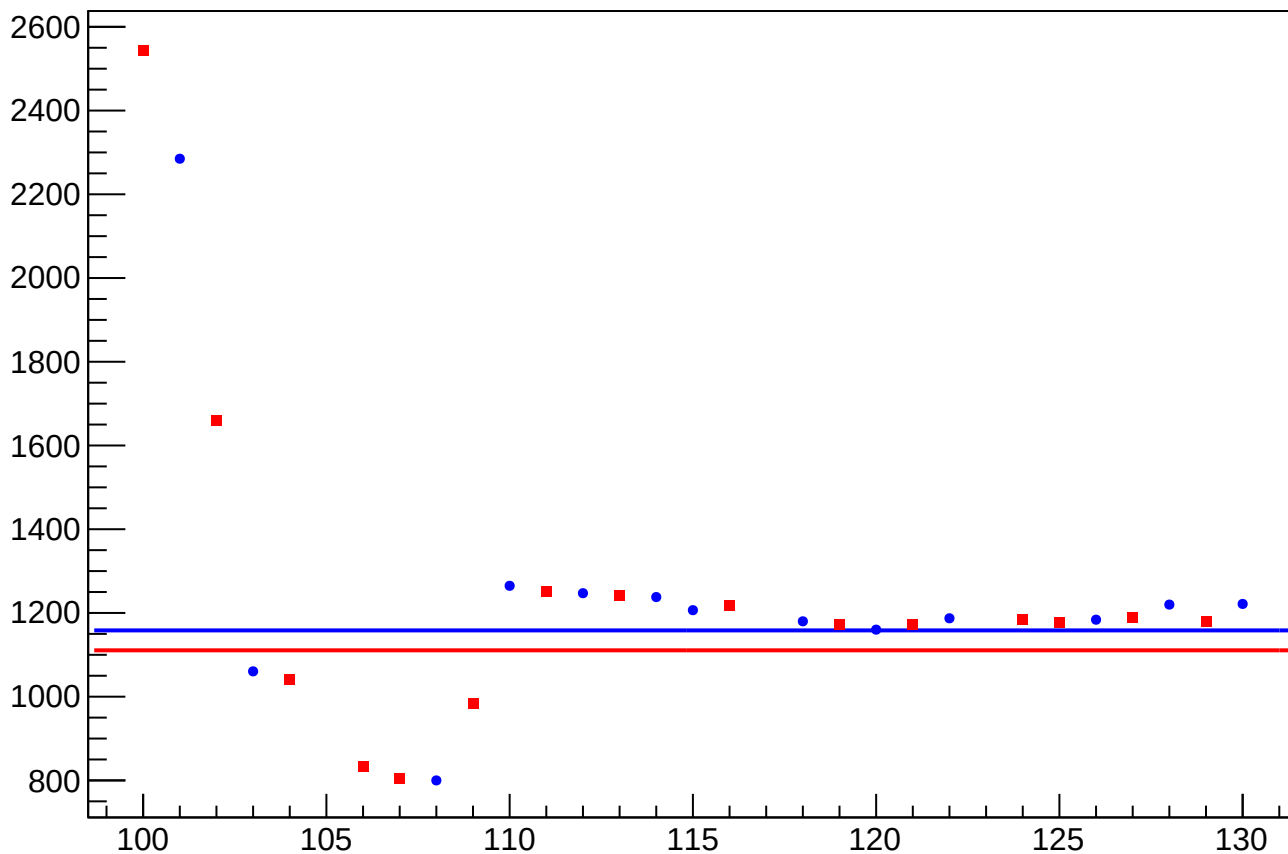
Right: -546.322+/-345.764 χ^2/NDF : 24.2/27

In: -601.626+/-503.748 χ^2/NDF : 11.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -546.322+/-345.764 χ^2/NDF : 24.2/27

dit_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1158.321+/-0.356 χ^2/NDF : 504945.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1110.714+/-0.336 χ^2/NDF : 329693.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

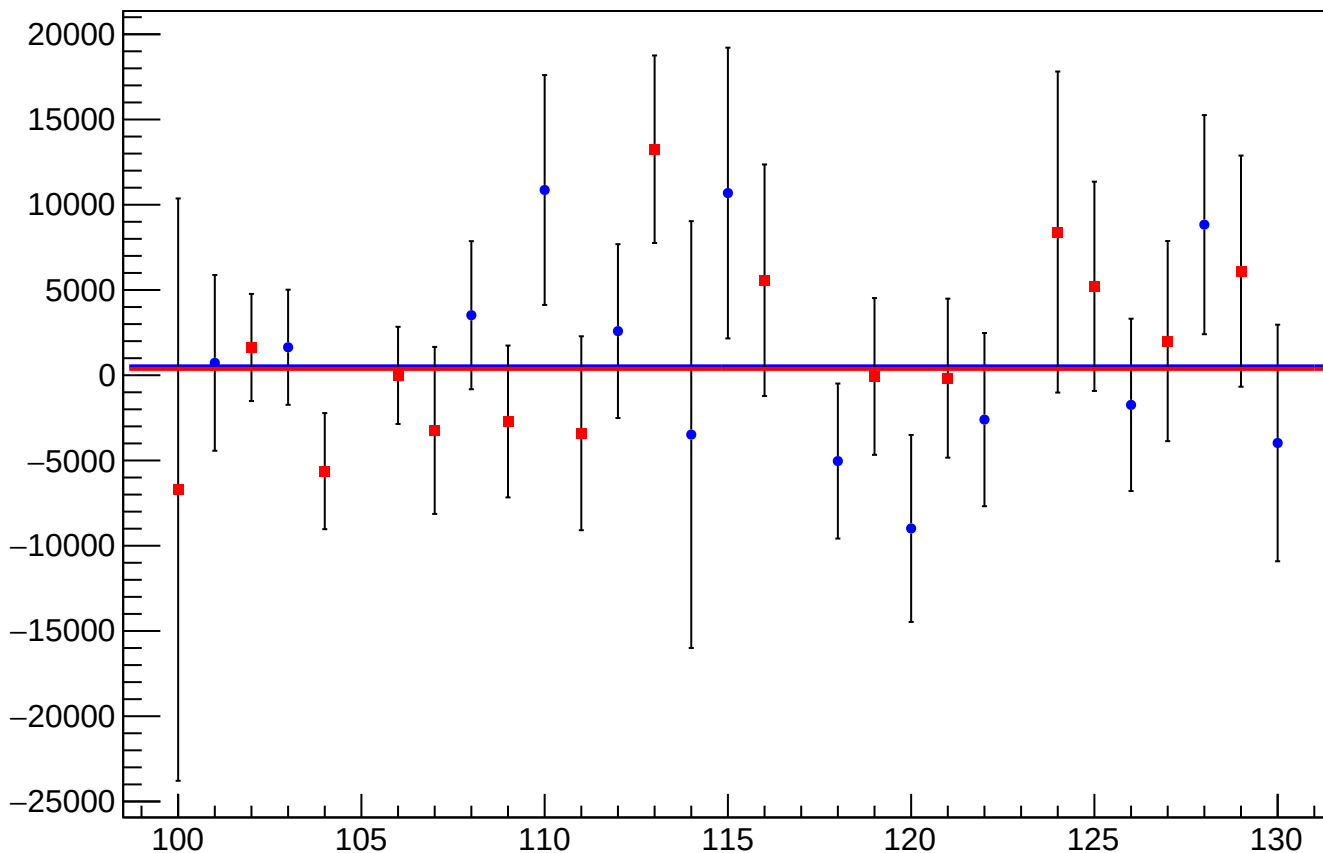
Right: 1133.129+/-0.244 χ^2/NDF : 844091.5/27

In: 1158.321+/-0.356 χ^2/NDF :504945.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1133.129+/-0.244 χ^2/NDF : 844091.5/27

asym_usr_atr2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 520.803+/-1468.831 χ^2 /NDF: 11.8/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 371.974+/-1218.143 χ^2 /NDF: 13.2/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

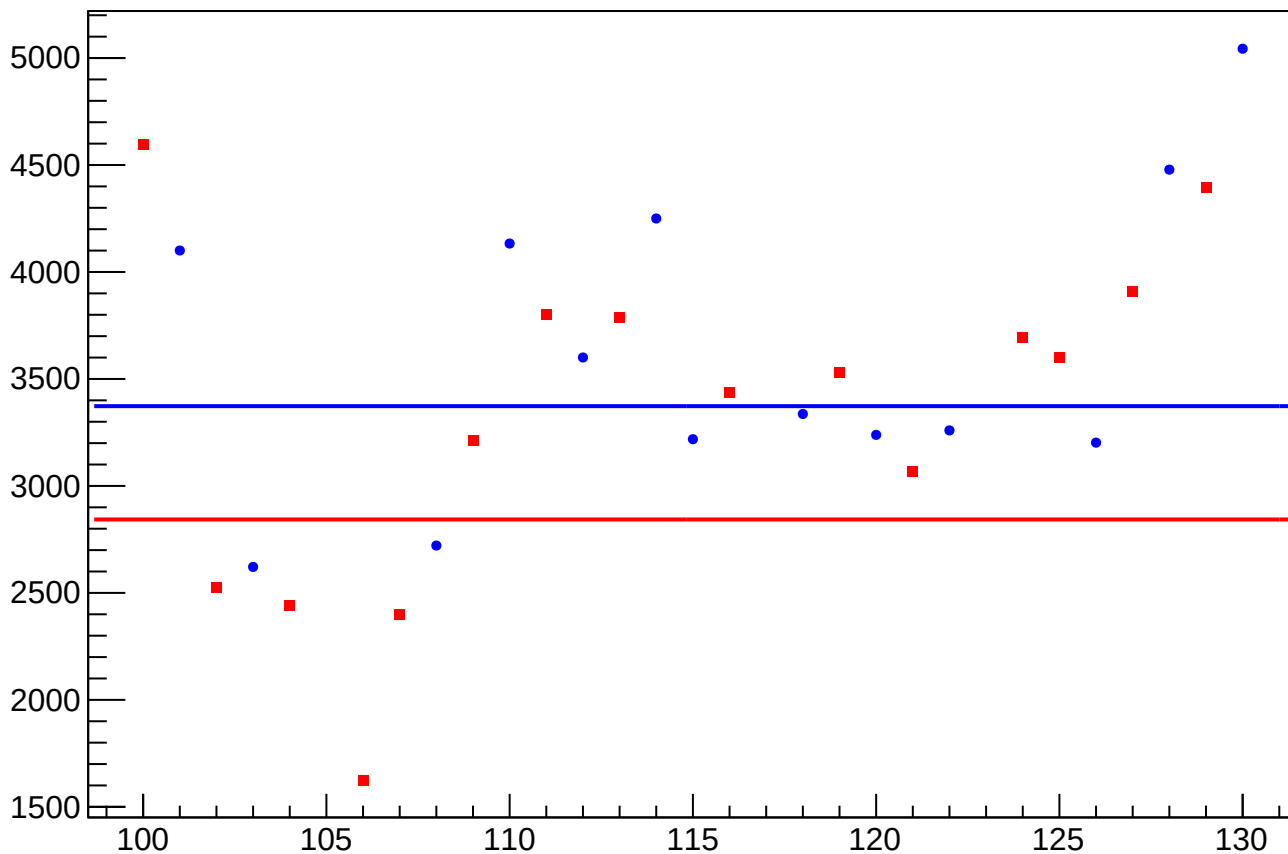
Right: 432.623+/-937.648 χ^2 /NDF: 25.0/27

In: 520.803+/-1468.831 χ^2 /NDF:11.8/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 432.623+/-937.648 χ^2 /NDF: 25.0/27

asym_usr_atr2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3372.873+/-1.039 χ^2/NDF : 403595.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2843.224+/-0.861 χ^2/NDF : 863556.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

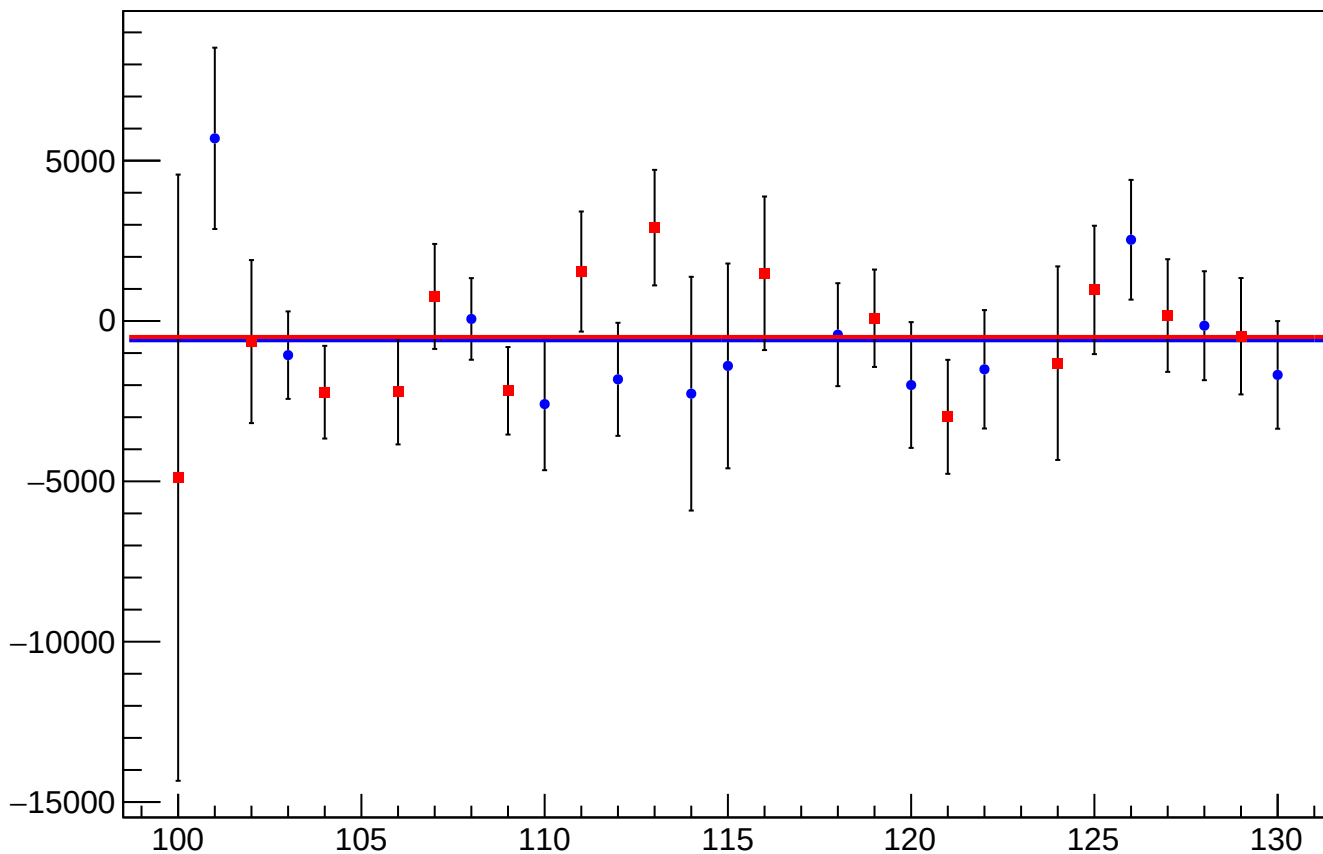
Right: 3059.060+/-0.663 χ^2/NDF : 1421231.6/27

In: 3372.873+/-1.039 χ^2/NDF : 403595.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3059.060+/-0.663 χ^2/NDF : 1421231.6/27

eigen_dit_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -601.625+/-503.748 χ^2/NDF : 11.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -497.062+/-475.447 χ^2/NDF : 13.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

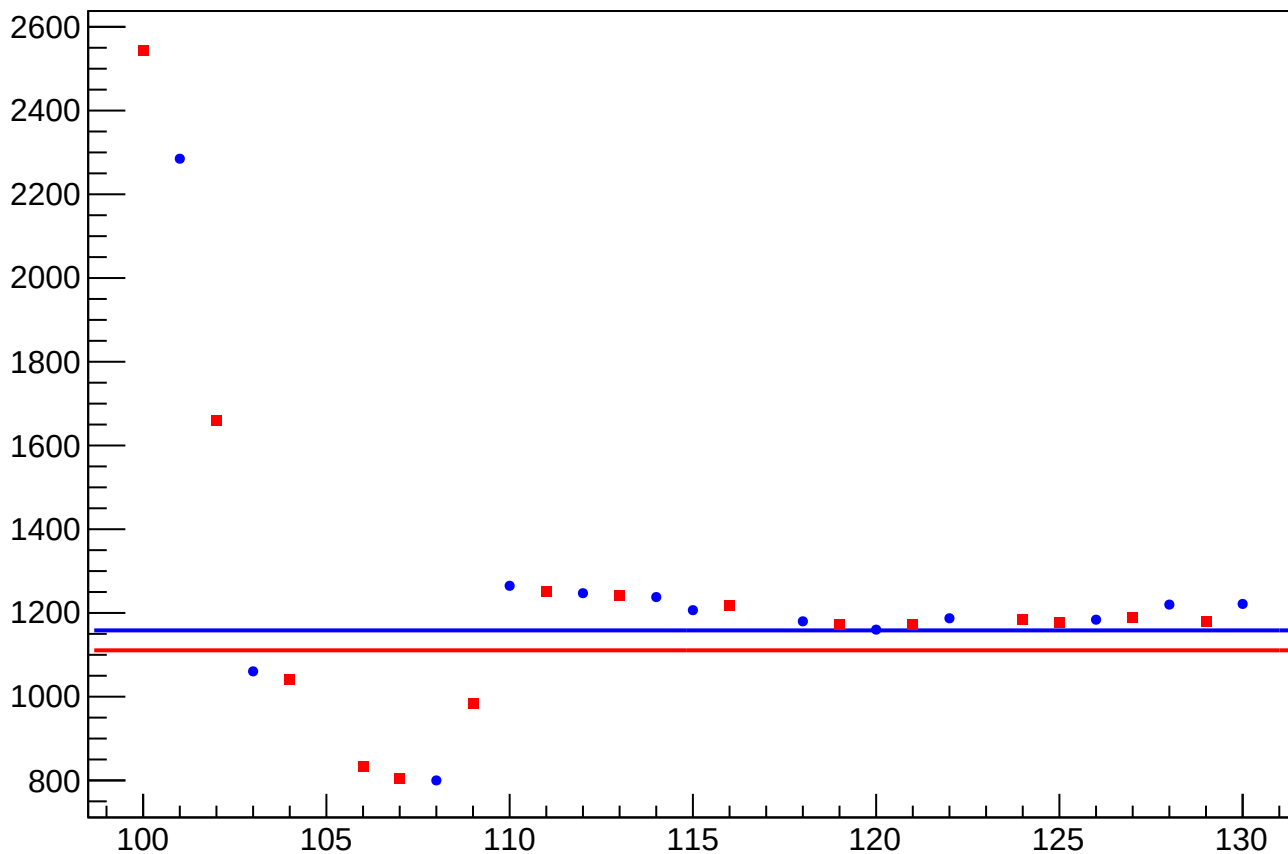
Right: -546.324+/-345.764 χ^2/NDF : 24.2/27

In: -601.625+/-503.748 χ^2/NDF :11.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -546.324+/-345.764 χ^2/NDF : 24.2/27

eigen_dit_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1158.320+/-0.356 χ^2/NDF : 504946.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1110.714+/-0.336 χ^2/NDF : 329693.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

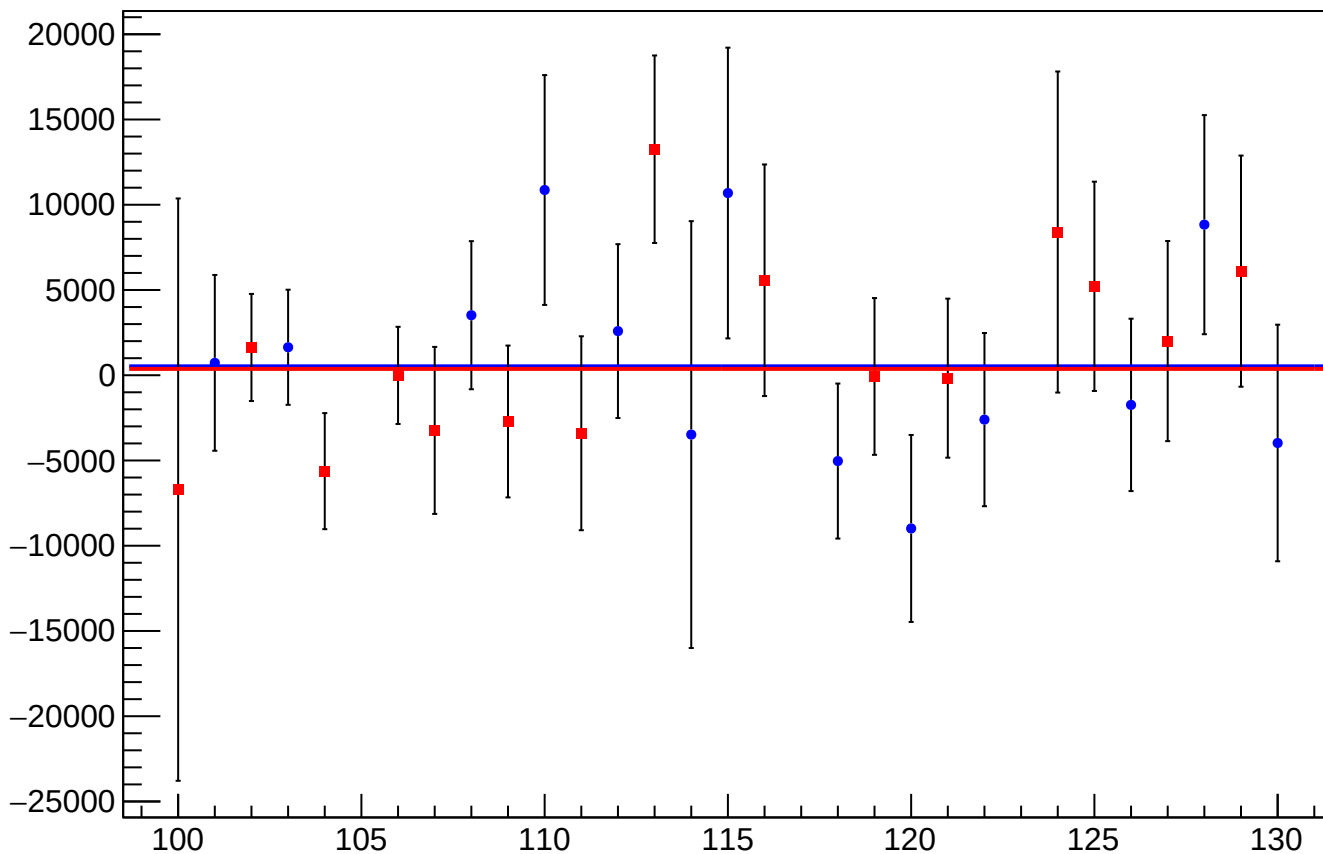
Right: 1133.129+/-0.244 χ^2/NDF : 844091.1/27

In: 1158.320+/-0.356 χ^2/NDF :504946.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1133.129+/-0.244 χ^2/NDF : 844091.1/27

asym_usr_atr2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 520.796 $\pm$ 1468.829 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 371.966 $\pm$ 1218.140 χ^2 /NDF: 13.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

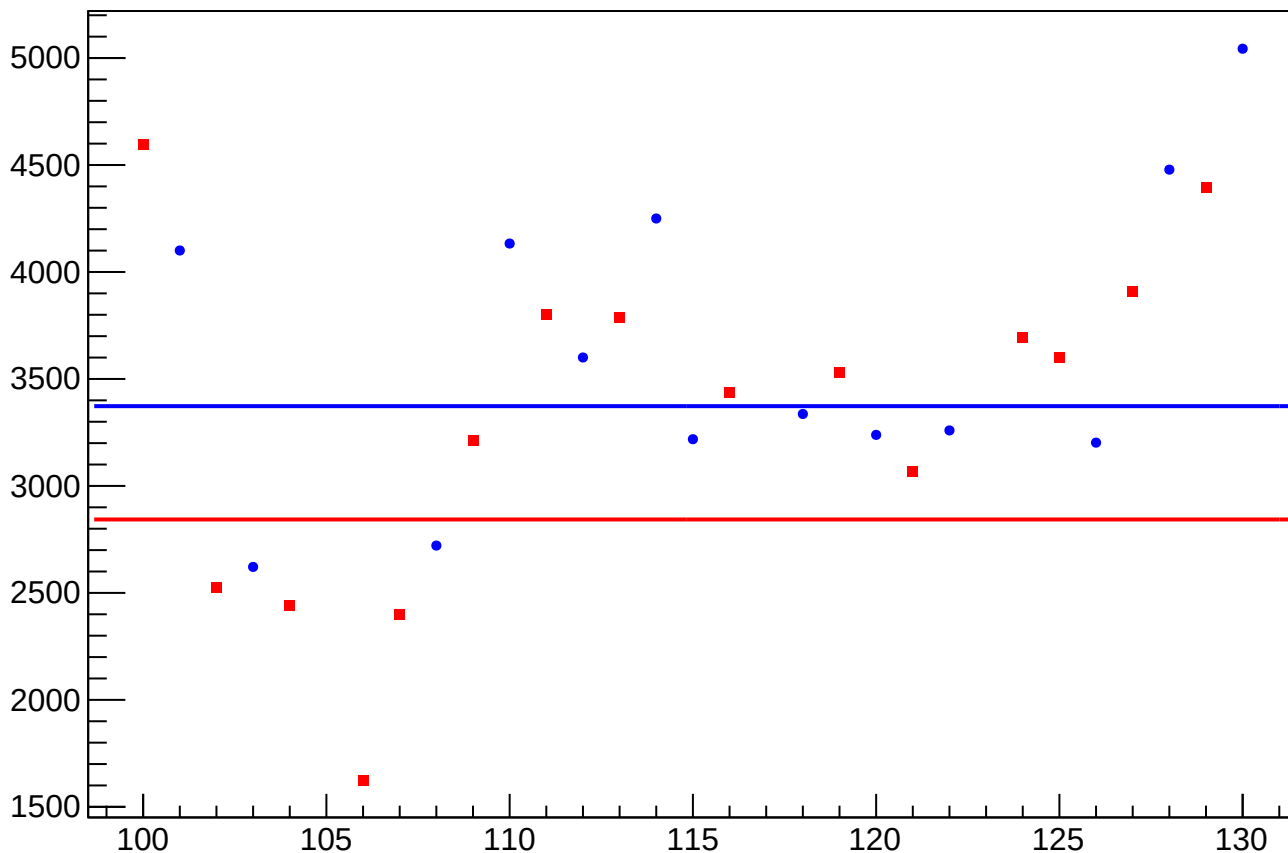
Right: 432.615 $\pm$ 937.646 χ^2 /NDF: 25.0/27

In: 520.796 $\pm$ 1468.829 χ^2 /NDF:11.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 432.615 $\pm$ 937.646 χ^2 /NDF: 25.0/27

asym_usr_atr2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3372.867+/-1.039 χ^2/NDF : 403591.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2843.218+/-0.861 χ^2/NDF : 863555.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

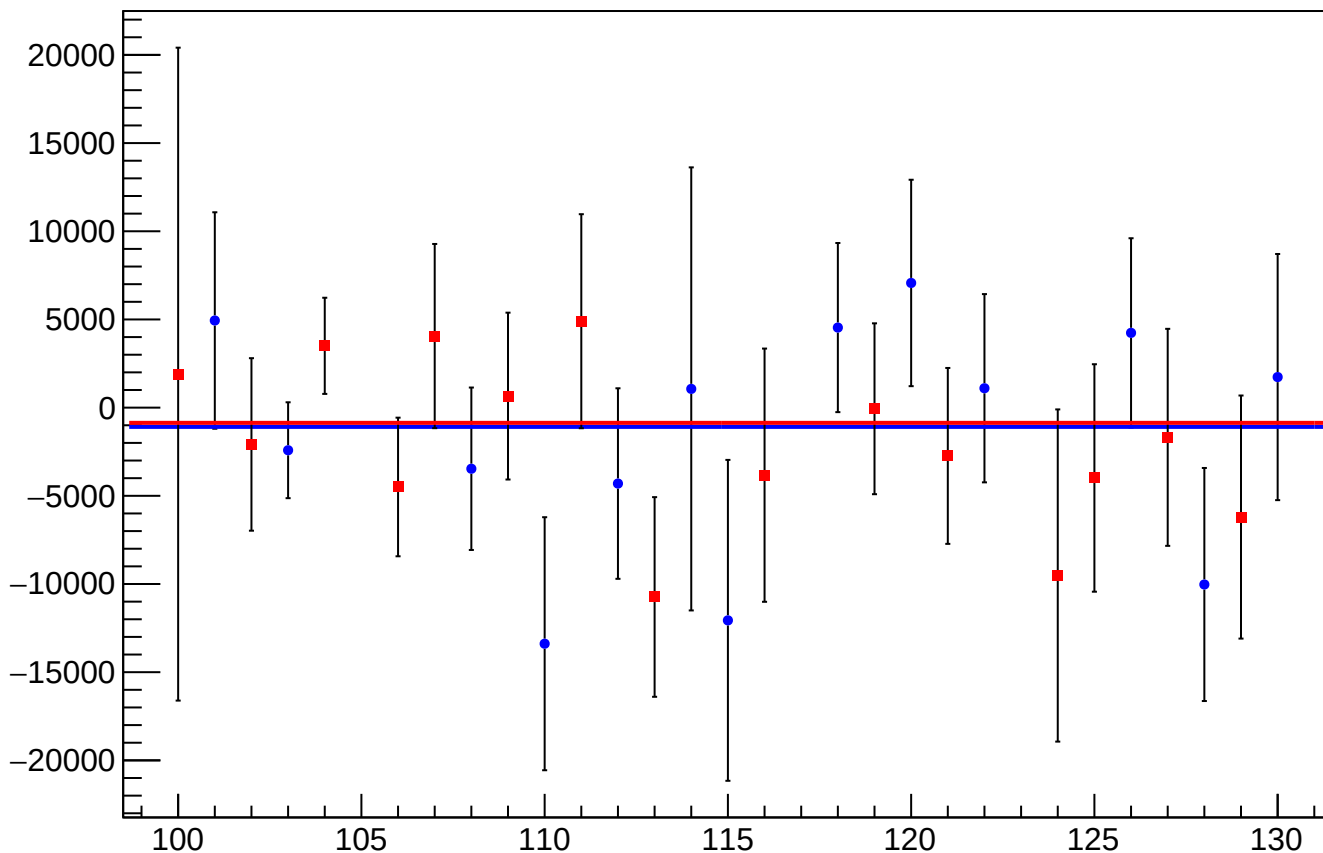
Right: 3059.054+/-0.663 χ^2/NDF : 1421226.5/27

In: 3372.867+/-1.039 χ^2/NDF : 403591.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3059.054+/-0.663 χ^2/NDF : 1421226.5/27

asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -1091.957 ± 1463.081 χ^2/NDF : 12.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -862.998 ± 1325.936 χ^2/NDF : 10.5/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

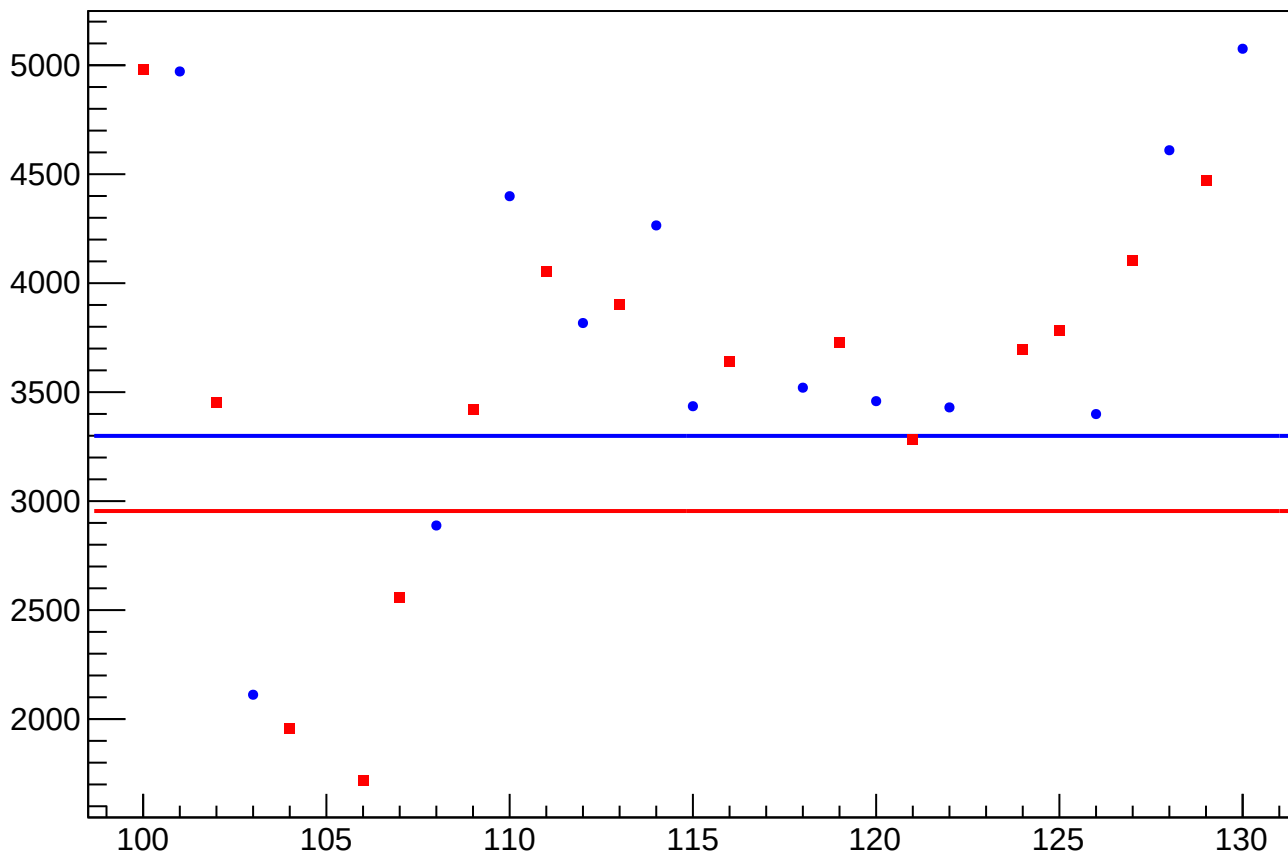
Right: -966.246 ± 982.495 χ^2/NDF : 23.2/27

In: -1091.957 ± 1463.081 χ^2/NDF : 12.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -966.246 ± 982.495 χ^2/NDF : 23.2/27

asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 3299.310+/-1.035 χ^2/NDF : 839784.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2954.540+/-0.919 χ^2/NDF : 1022210.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

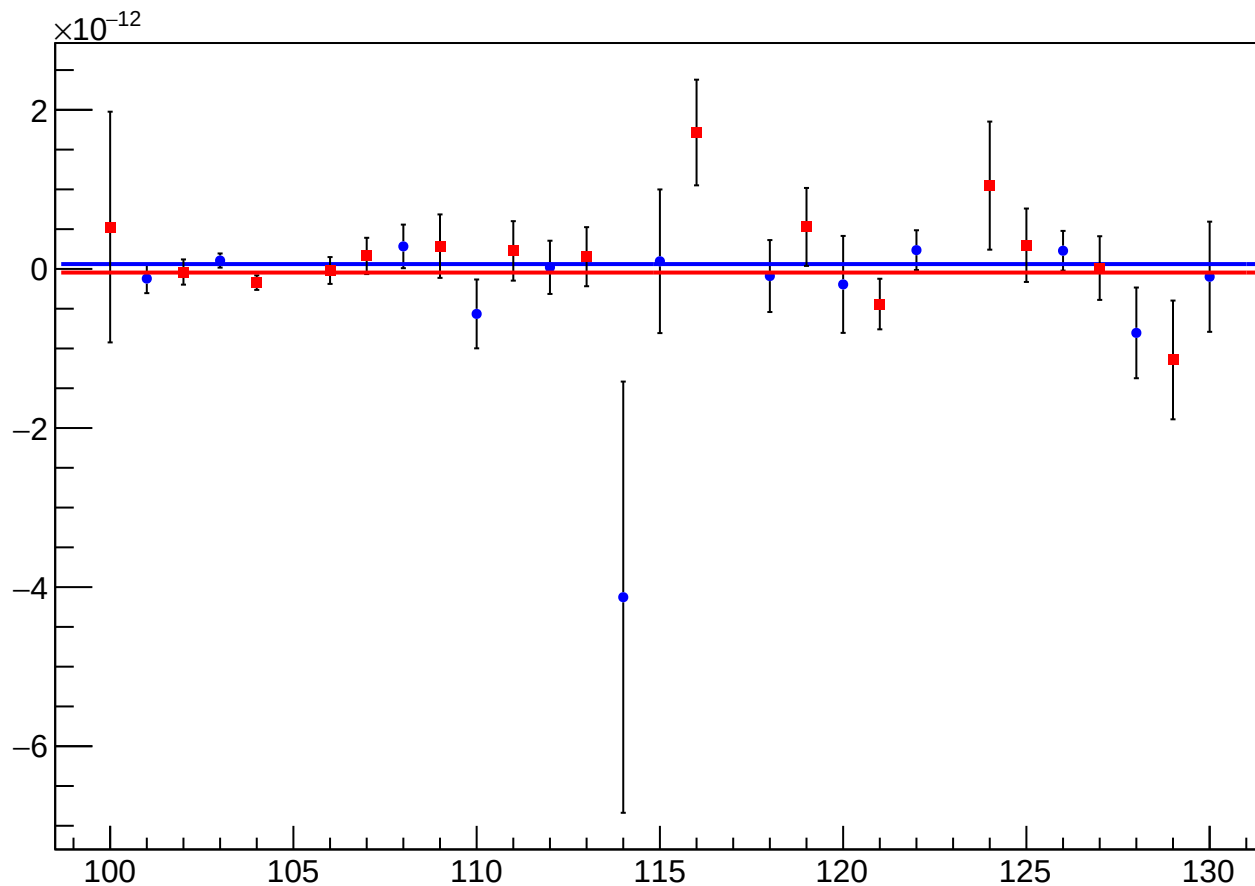
Right: 3106.647+/-0.687 χ^2/NDF : 1924057.4/27

In: 3299.310+/-1.035 χ^2/NDF : 839784.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3106.647+/-0.687 χ^2/NDF : 1924057.4/27

asym_usr_atr2_dd_reg_vs_slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 19.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

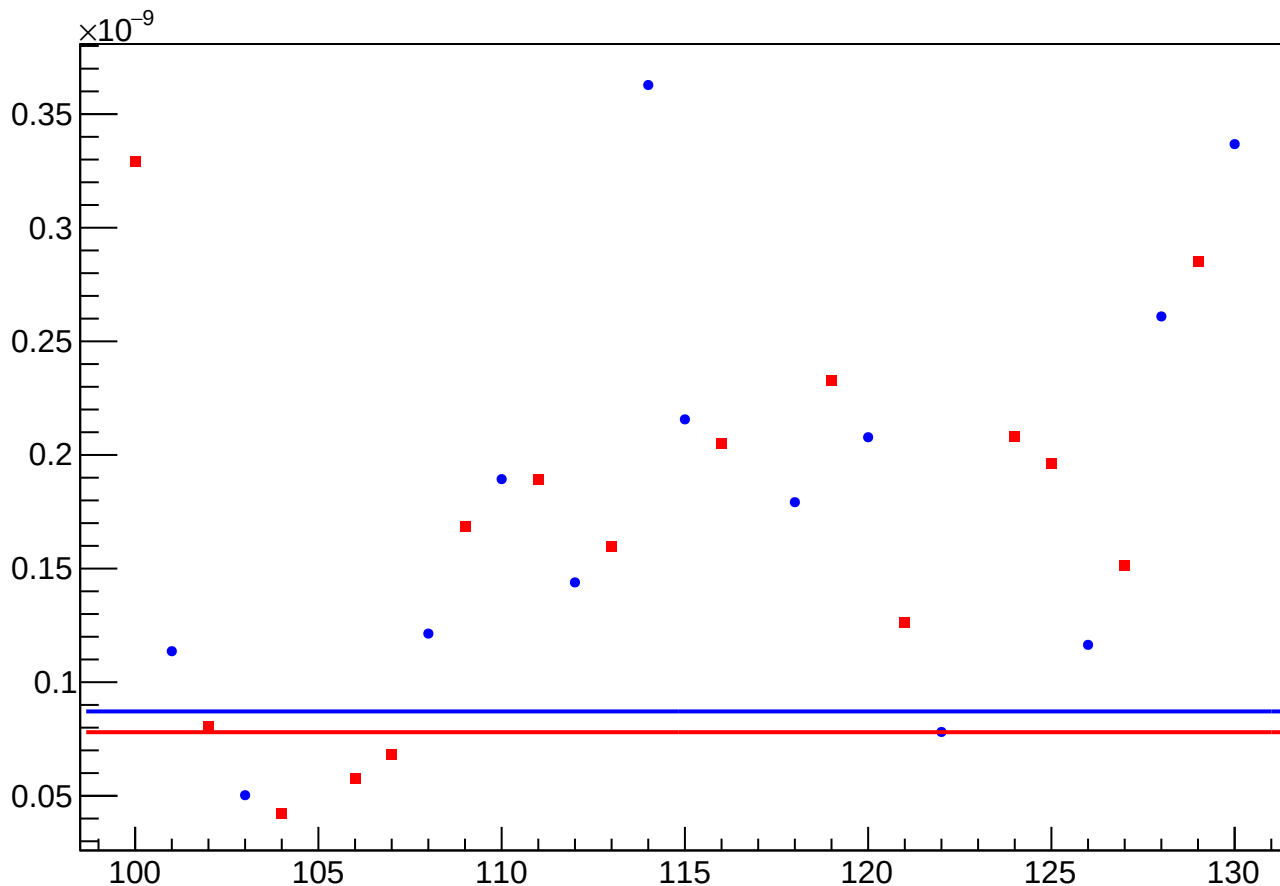
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 30.4/27

In: 0.000 $\pm$ 0.000 χ^2 /NDF:10.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 30.4/27

asym_usr_atr2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1284053.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1501129.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

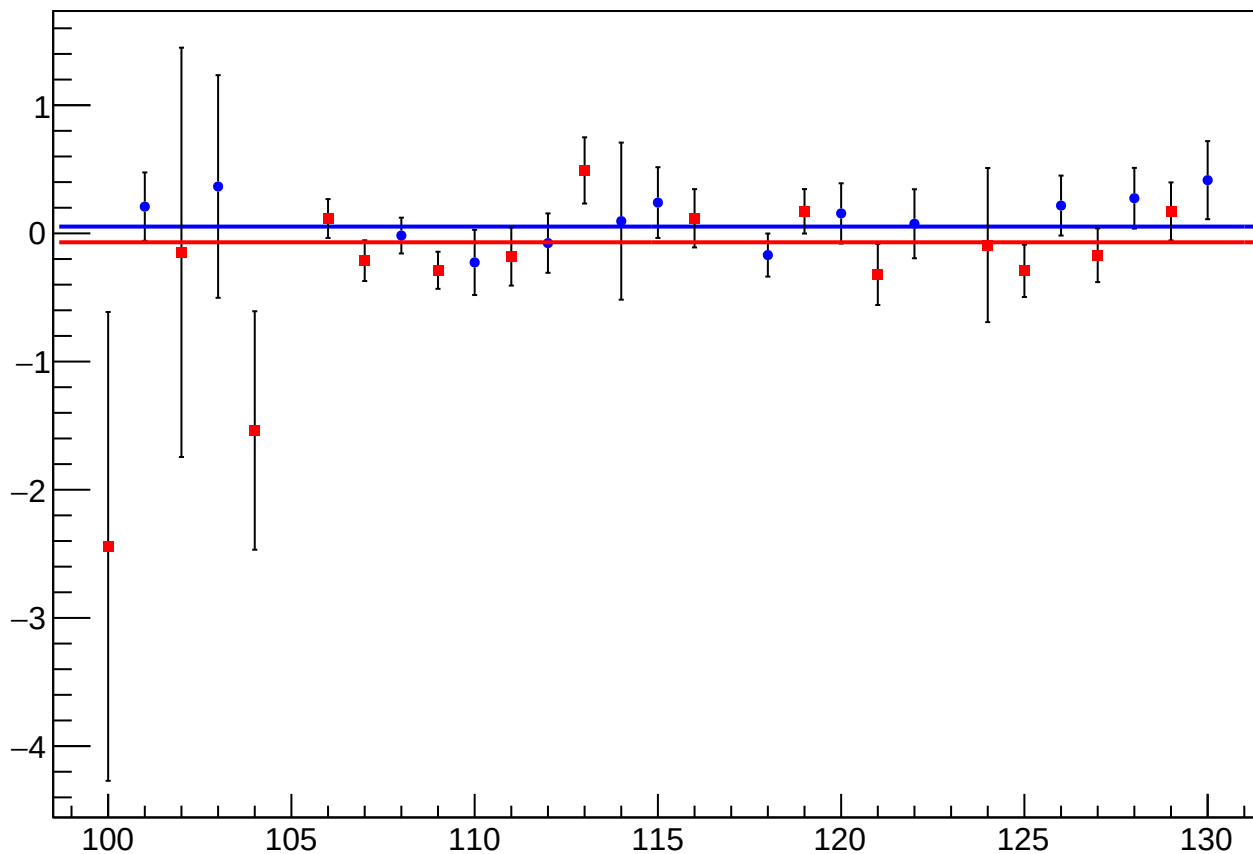
Right: 0.000+/-0.000 χ^2/NDF : 2805791.7/27

In: 0.000+/-0.000 χ^2/NDF :1284053.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2805791.7/27

asym_usr_atr2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.053+/-0.066 χ^2/NDF : 7.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.069+/-0.057 χ^2/NDF : 20.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

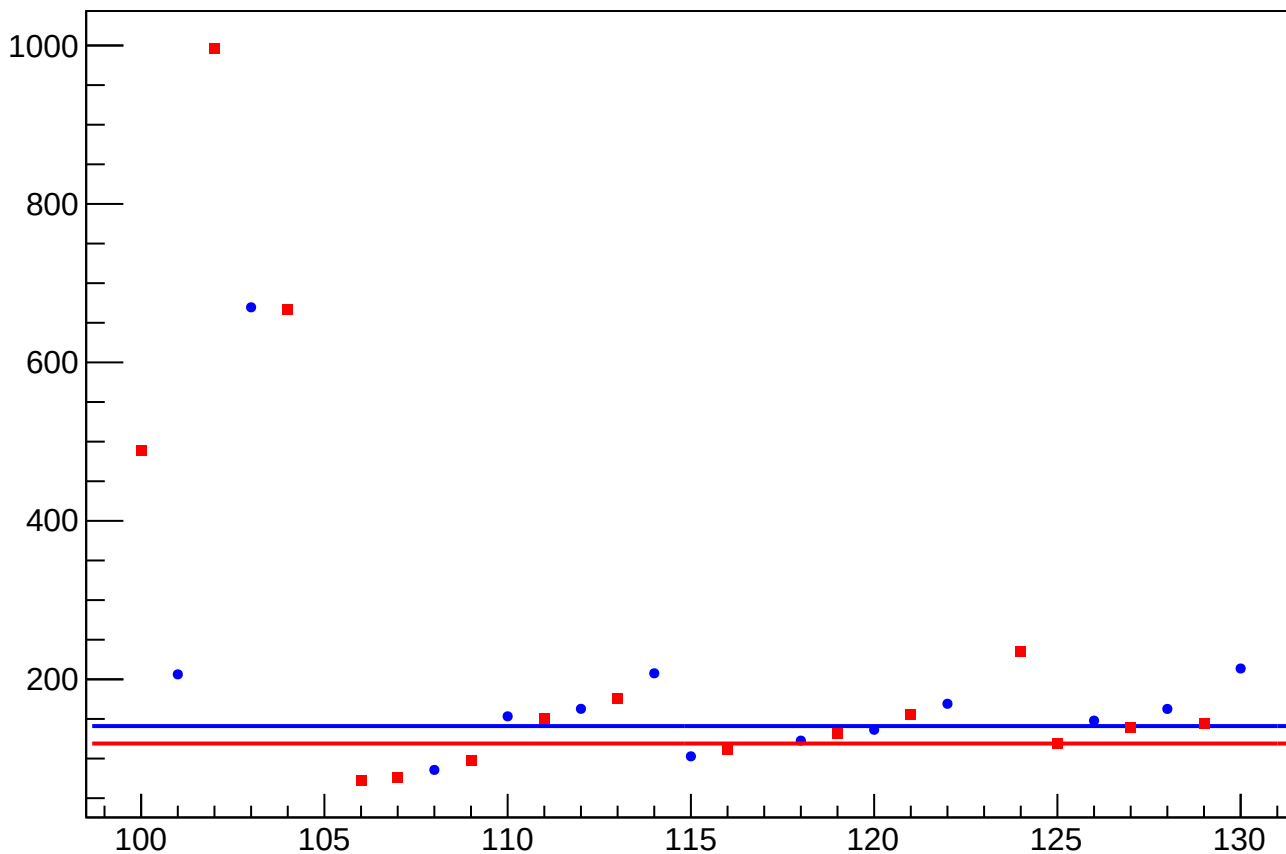
Right: -0.017+/-0.043 χ^2/NDF : 29.4/27

In: 0.053+/-0.066 χ^2/NDF : 7.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.017+/-0.043 χ^2/NDF : 29.4/27

asym_usr_atr2_dd_dit_vs_Slug, Sign Corrected



Right In: 140.983+/-0.047 χ^2/NDF : 1437812.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 118.963+/-0.040 χ^2/NDF : 2083893.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

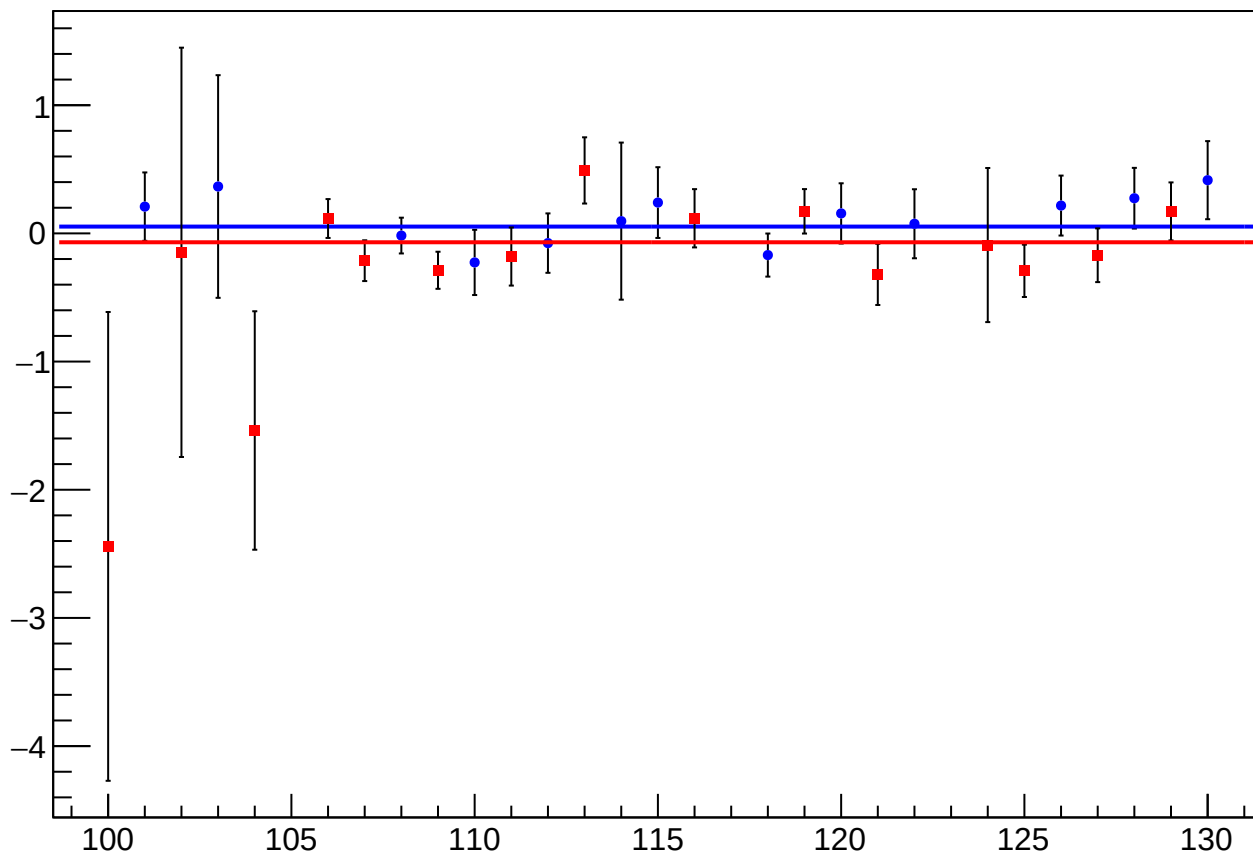
Right: 128.425+/-0.031 χ^2/NDF : 3649346.8/27

In: 140.983+/-0.047 χ^2/NDF :1437812.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 128.425+/-0.031 χ^2/NDF : 3649346.8/27

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.053+/-0.066 χ^2/NDF : 7.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.069+/-0.057 χ^2/NDF : 20.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

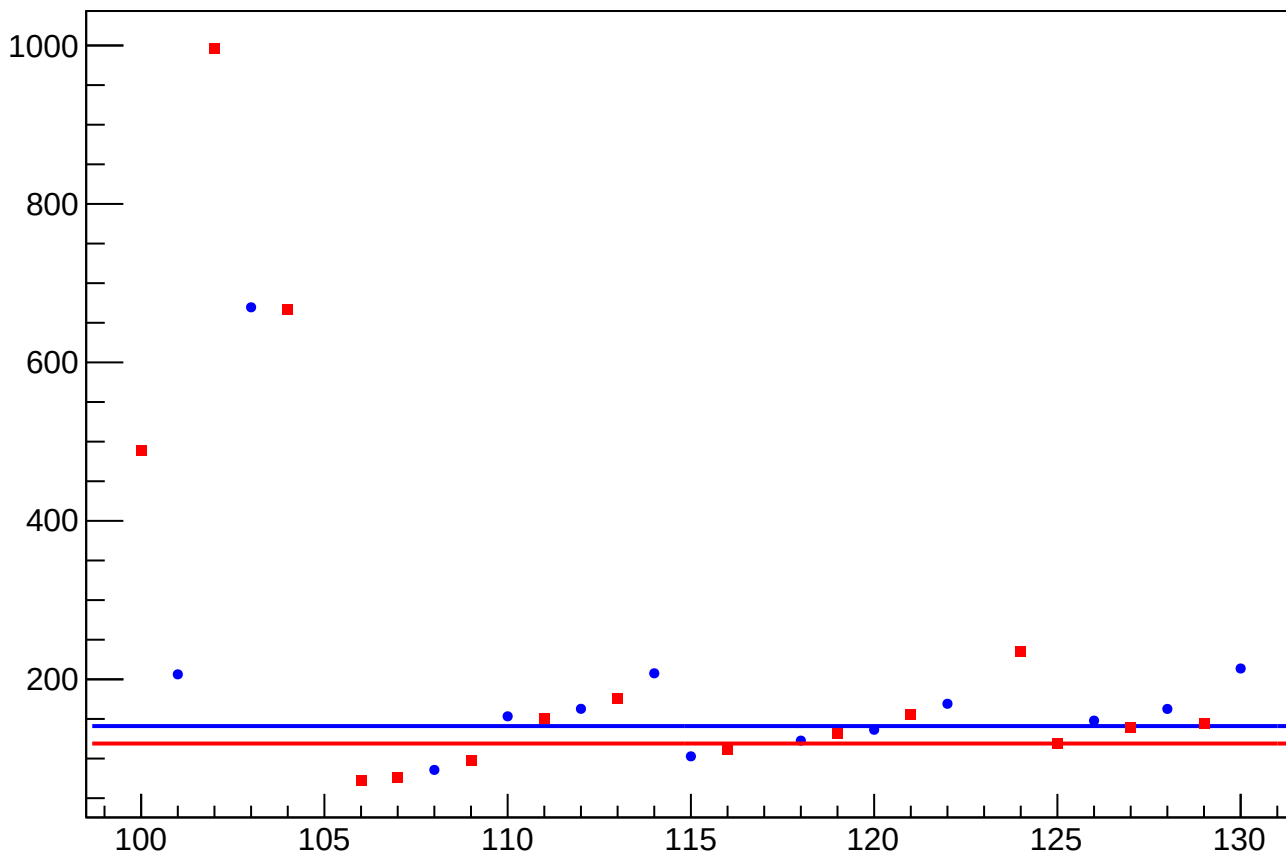
Right: -0.017+/-0.043 χ^2/NDF : 29.4/27

In: 0.053+/-0.066 χ^2/NDF : 7.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.017+/-0.043 χ^2/NDF : 29.4/27

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 140.983+/-0.047 χ^2/NDF : 1437812.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 118.963+/-0.040 χ^2/NDF : 2083893.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

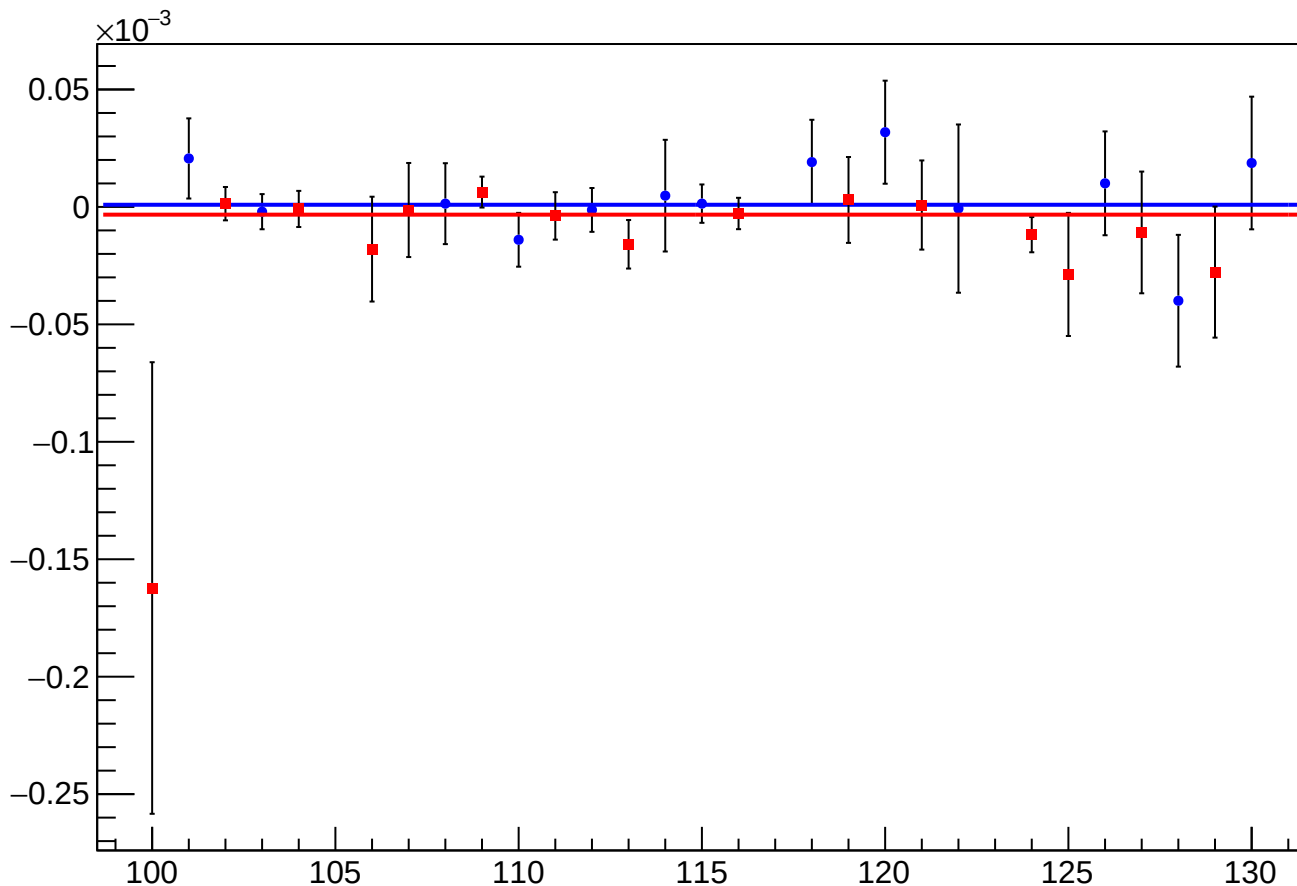
Right: 128.425+/-0.031 χ^2/NDF : 3649346.8/27

In: 140.983+/-0.047 χ^2/NDF :1437812.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 128.425+/-0.031 χ^2/NDF : 3649346.8/27

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 9.0/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 10.6/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

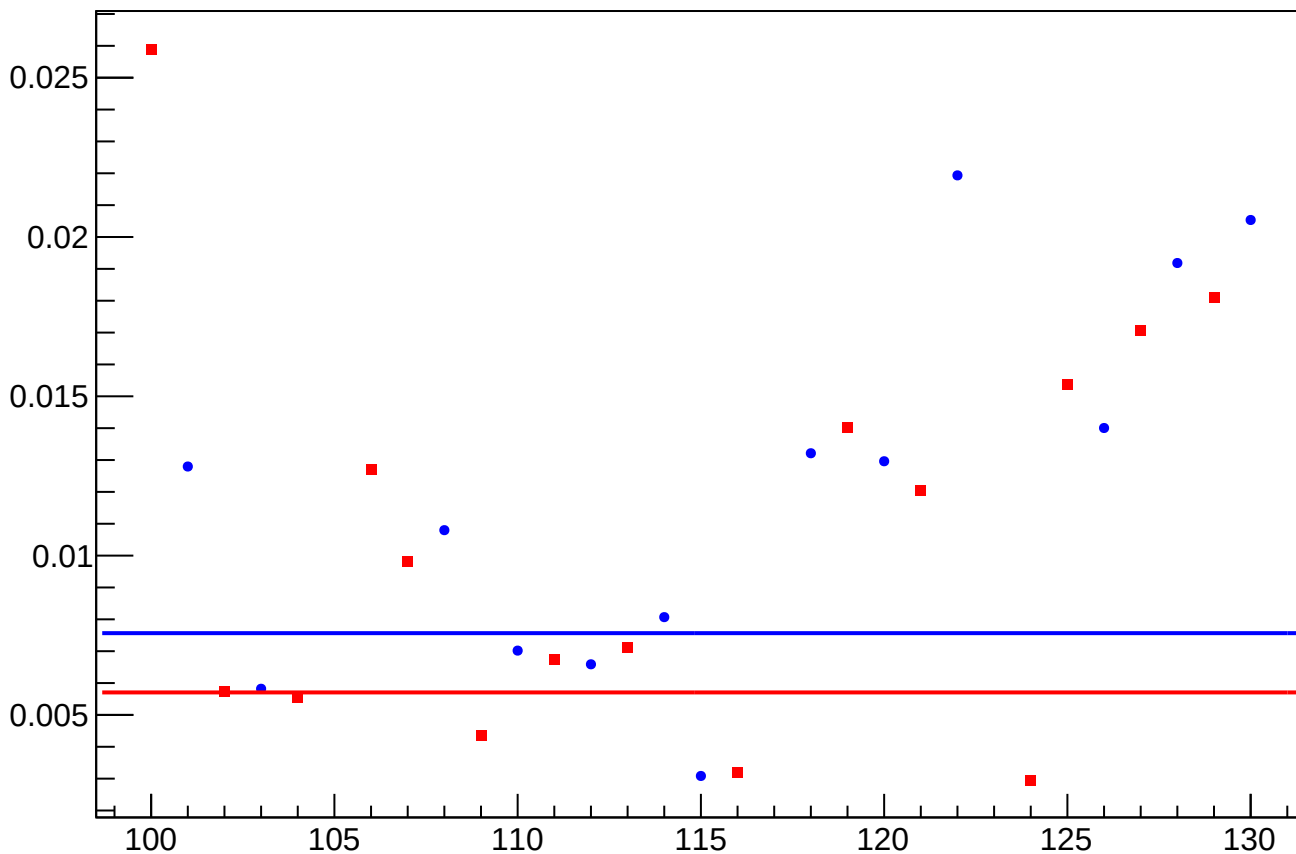
Right: -0.000+/-0.000 χ^2 /NDF: 20.4/27

In: 0.000+/-0.000 χ^2 /NDF:9.0/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 20.4/27

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 2571357.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 2755890.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

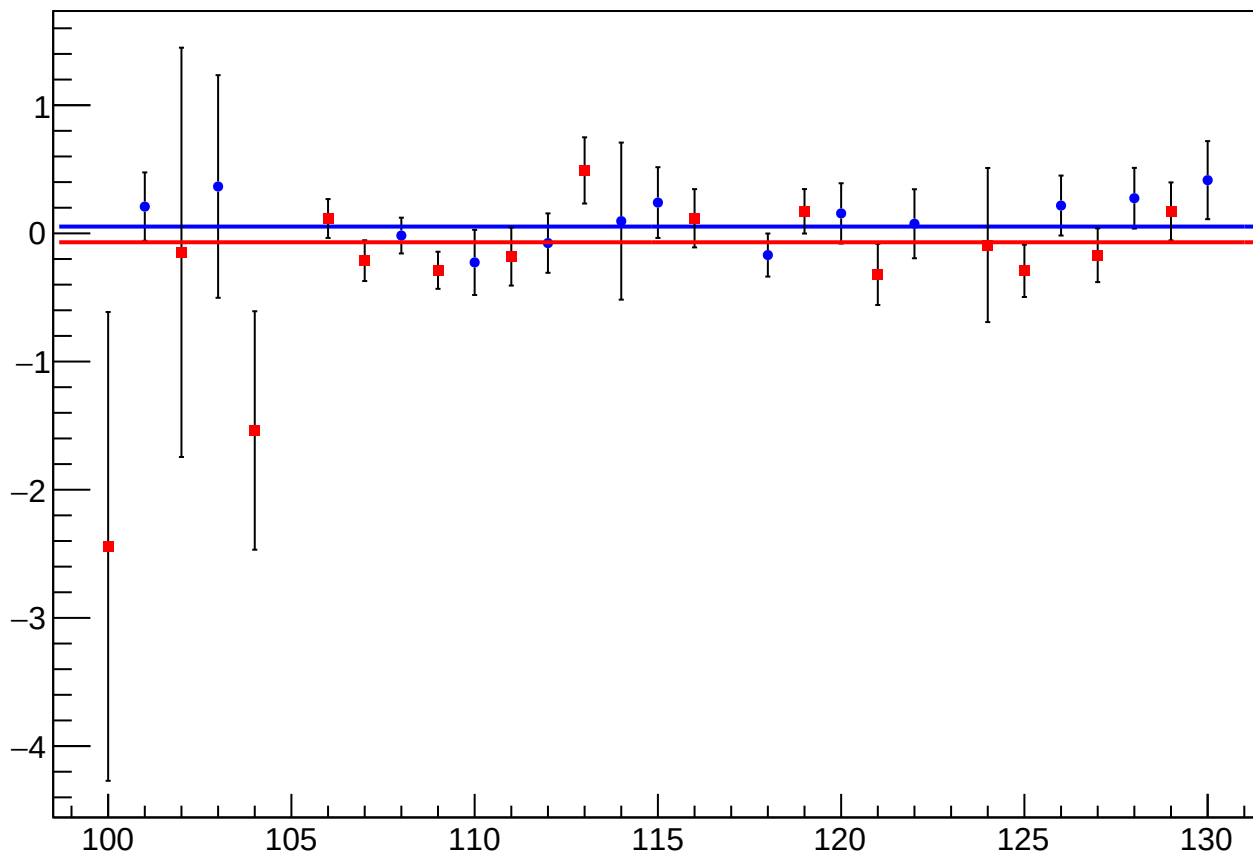
Right: 0.006+/-0.000 χ^2/NDF : 5648534.8/27

In: 0.008+/-0.000 χ^2/NDF : 2571357.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 5648534.8/27

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.053+/-0.066 χ^2/NDF : 7.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.069+/-0.057 χ^2/NDF : 20.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

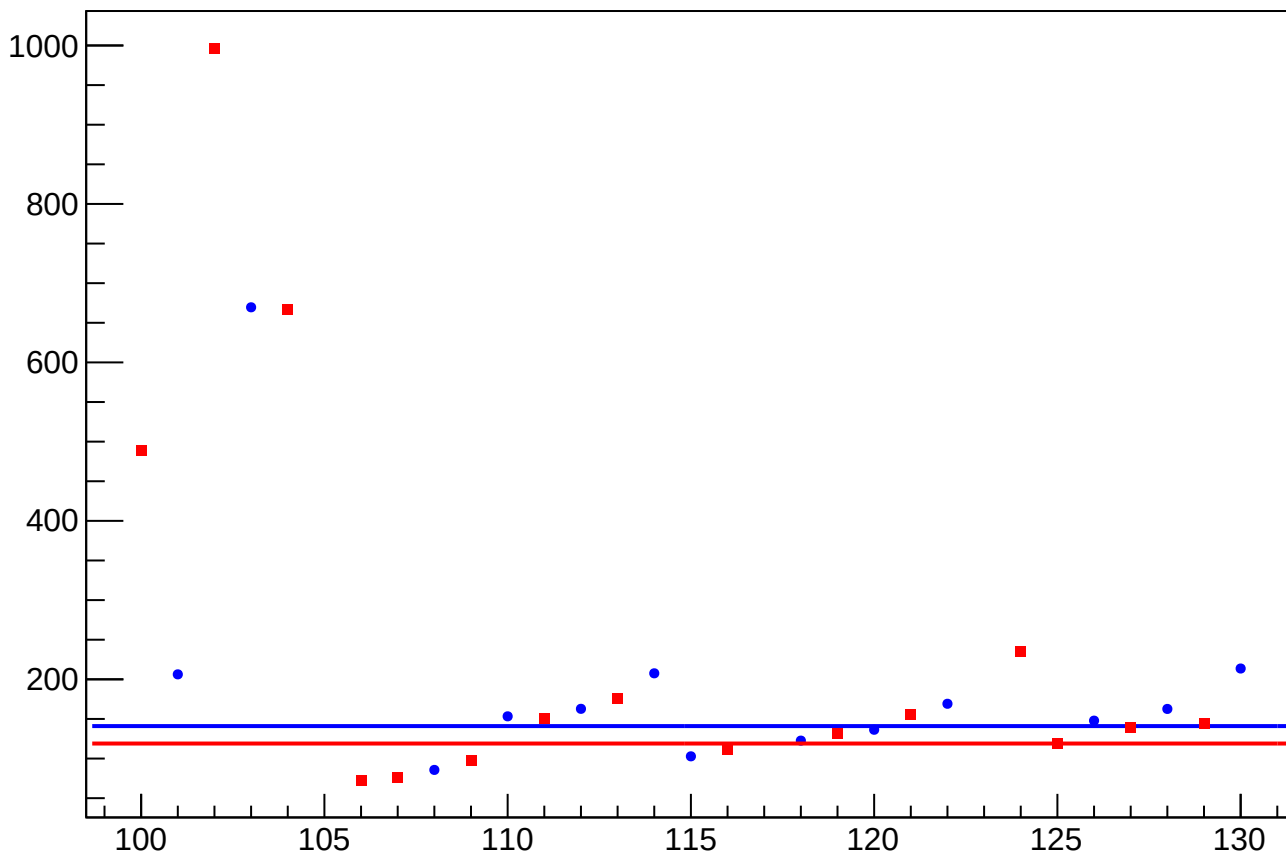
Right: -0.017+/-0.043 χ^2/NDF : 29.4/27

In: 0.053+/-0.066 χ^2/NDF : 7.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.017+/-0.043 χ^2/NDF : 29.4/27

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 140.980+/-0.047 χ^2/NDF : 1437854.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 118.963+/-0.040 χ^2/NDF : 2083874.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

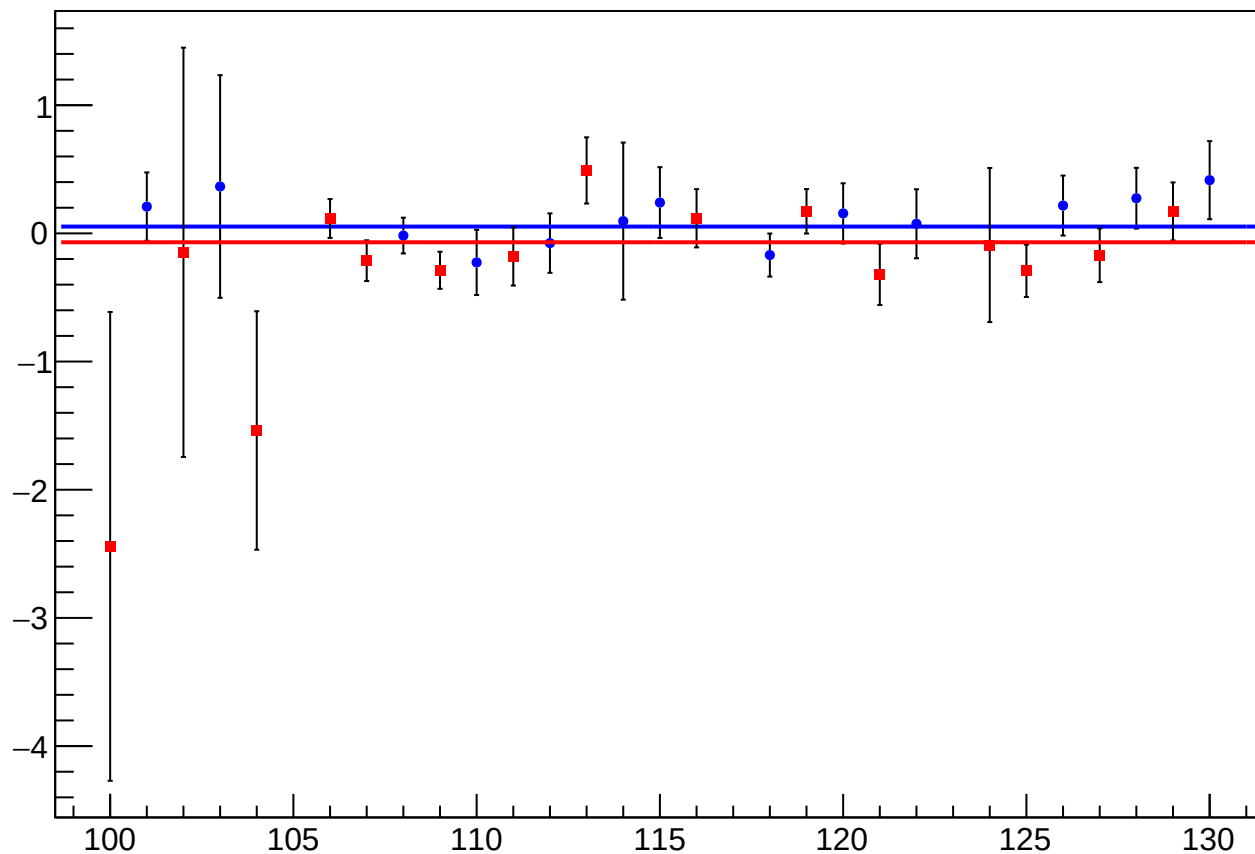
Right: 128.424+/-0.031 χ^2/NDF : 3649337.0/27

In: 140.980+/-0.047 χ^2/NDF :1437854.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 128.424+/-0.031 χ^2/NDF : 3649337.0/27

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.053+/-0.066 χ^2/NDF : 7.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.069+/-0.057 χ^2/NDF : 20.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

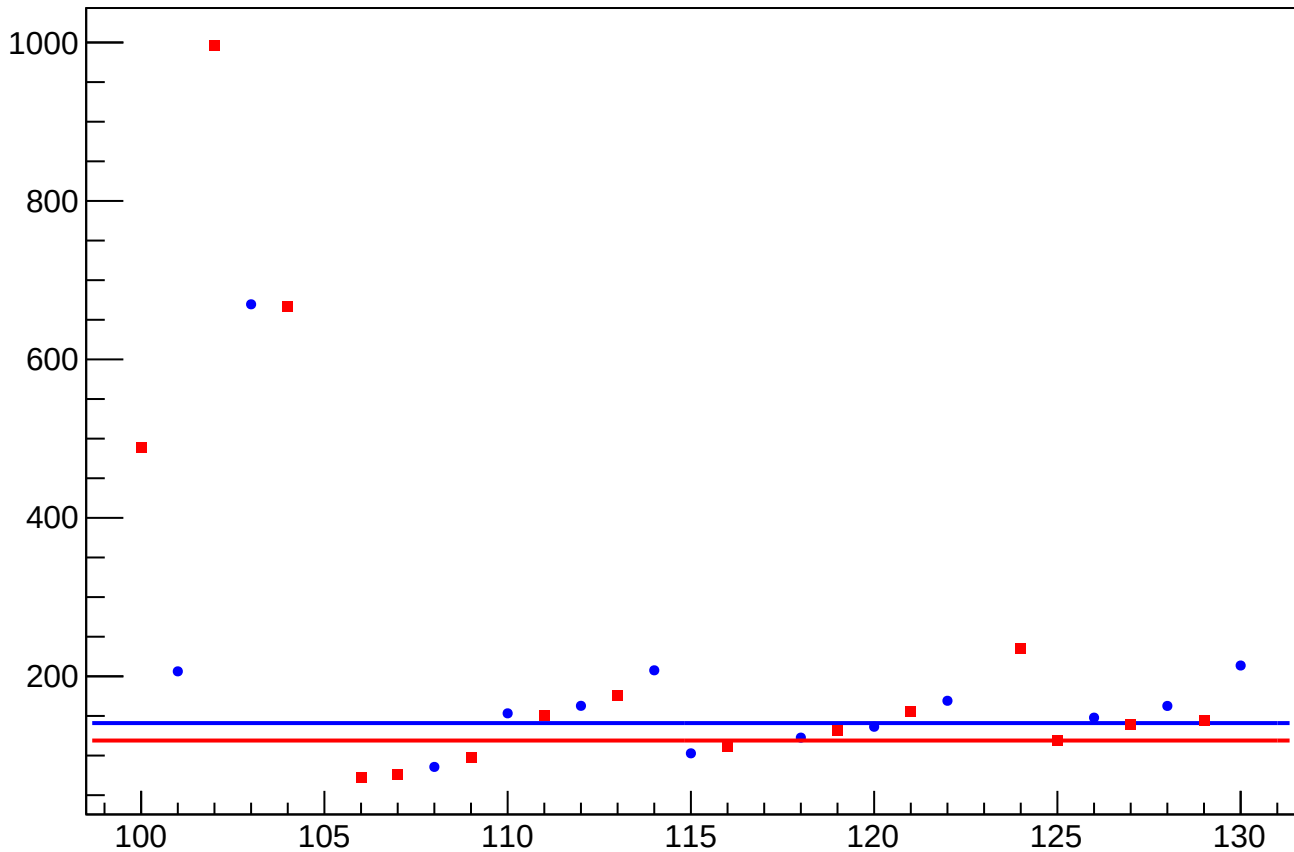
Right: -0.017+/-0.043 χ^2/NDF : 29.4/27

In: 0.053+/-0.066 χ^2/NDF : 7.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.017+/-0.043 χ^2/NDF : 29.4/27

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 140.980+/-0.047 χ^2/NDF : 1437854.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 118.963+/-0.040 χ^2/NDF : 2083874.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

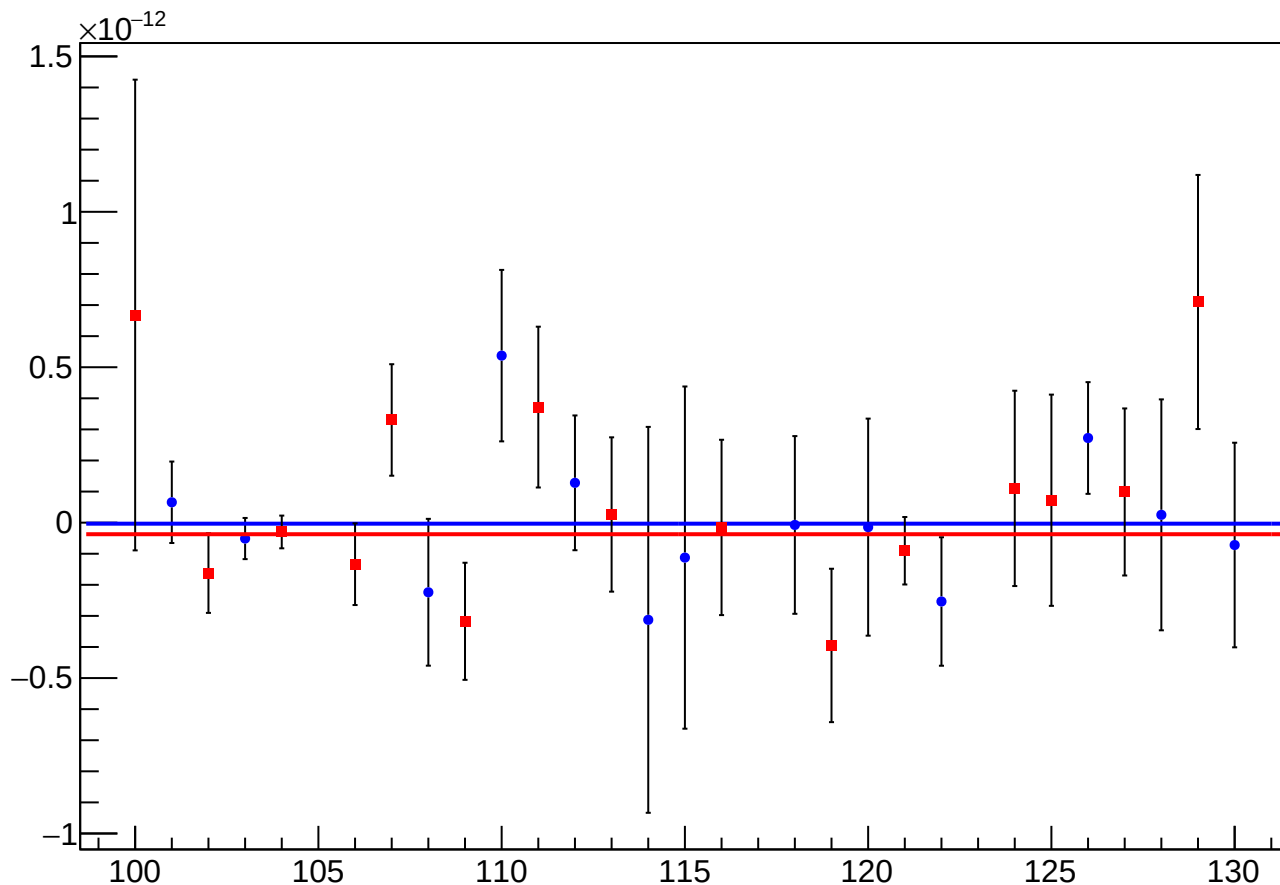
Right: 128.424+/-0.031 χ^2/NDF : 3649337.0/27

In: 140.980+/-0.047 χ^2/NDF :1437854.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 128.424+/-0.031 χ^2/NDF : 3649337.0/27

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

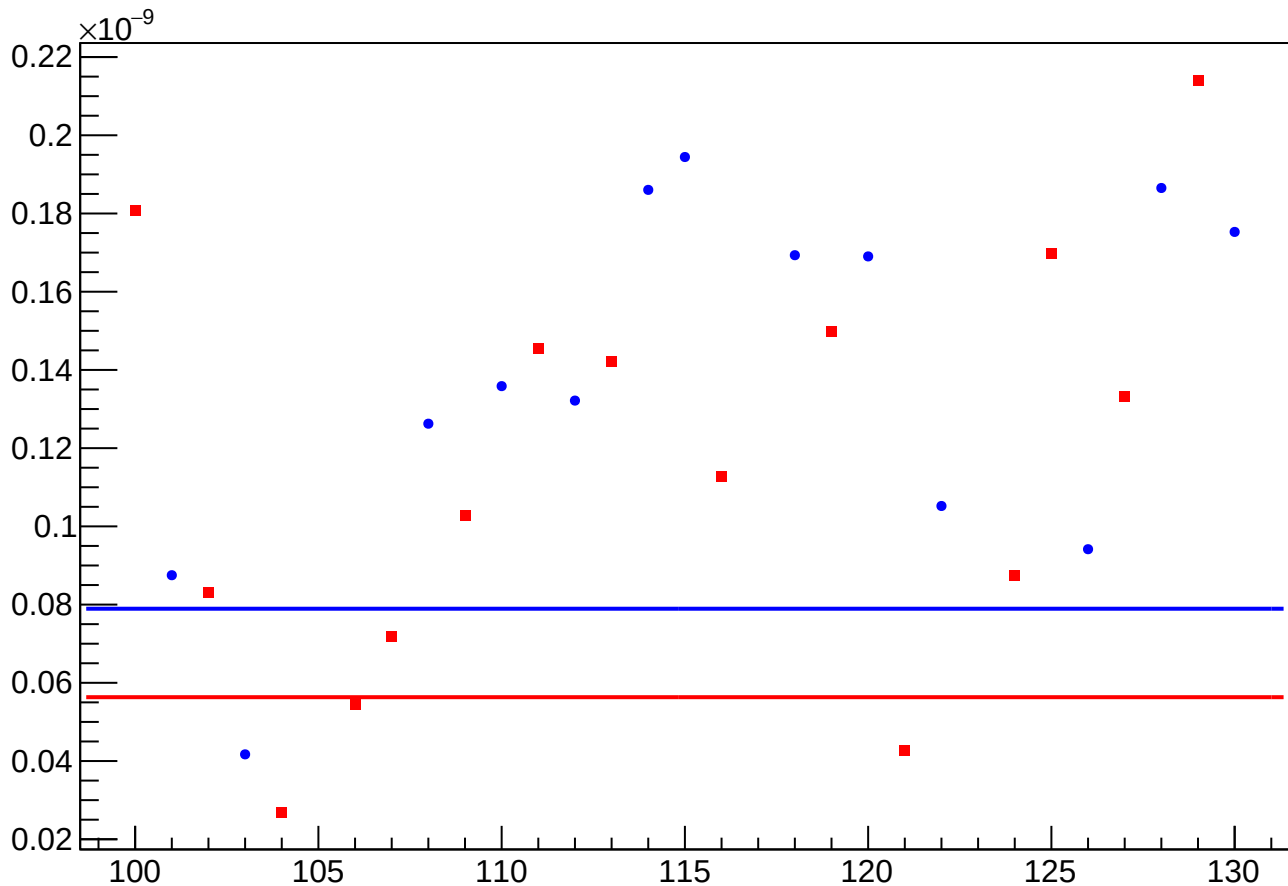
Right: -0.000+/-0.000 χ^2/NDF : 28.0/27

In: -0.000+/-0.000 χ^2/NDF : 10.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.0/27

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1793054.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2483907.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

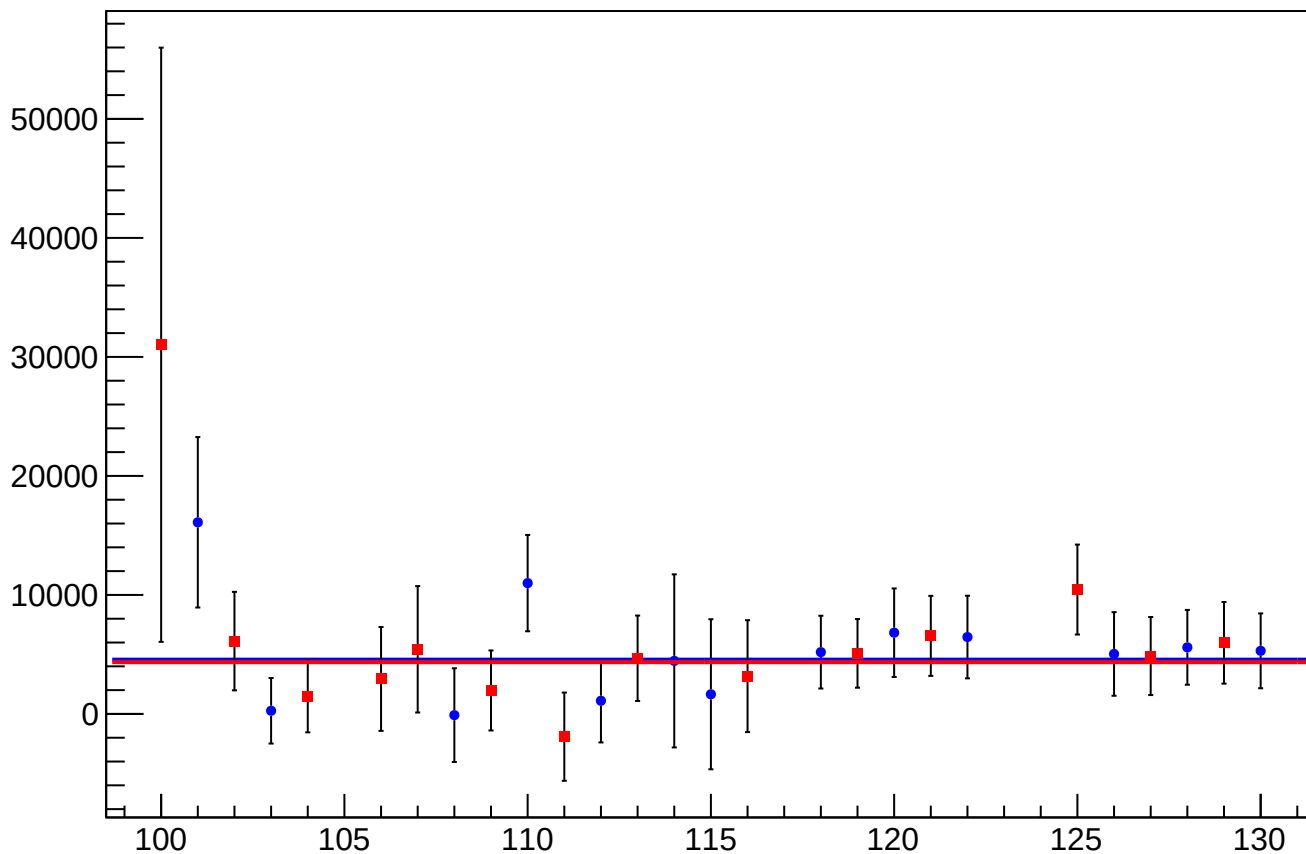
Right: 0.000+/-0.000 χ^2/NDF : 4555379.7/27

In: 0.000+/-0.000 χ^2/NDF : 1793054.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4555379.7/27

reg_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4562.253+/-1026.986 χ^2/NDF : 11.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4352.644+/-1001.146 χ^2/NDF : 9.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

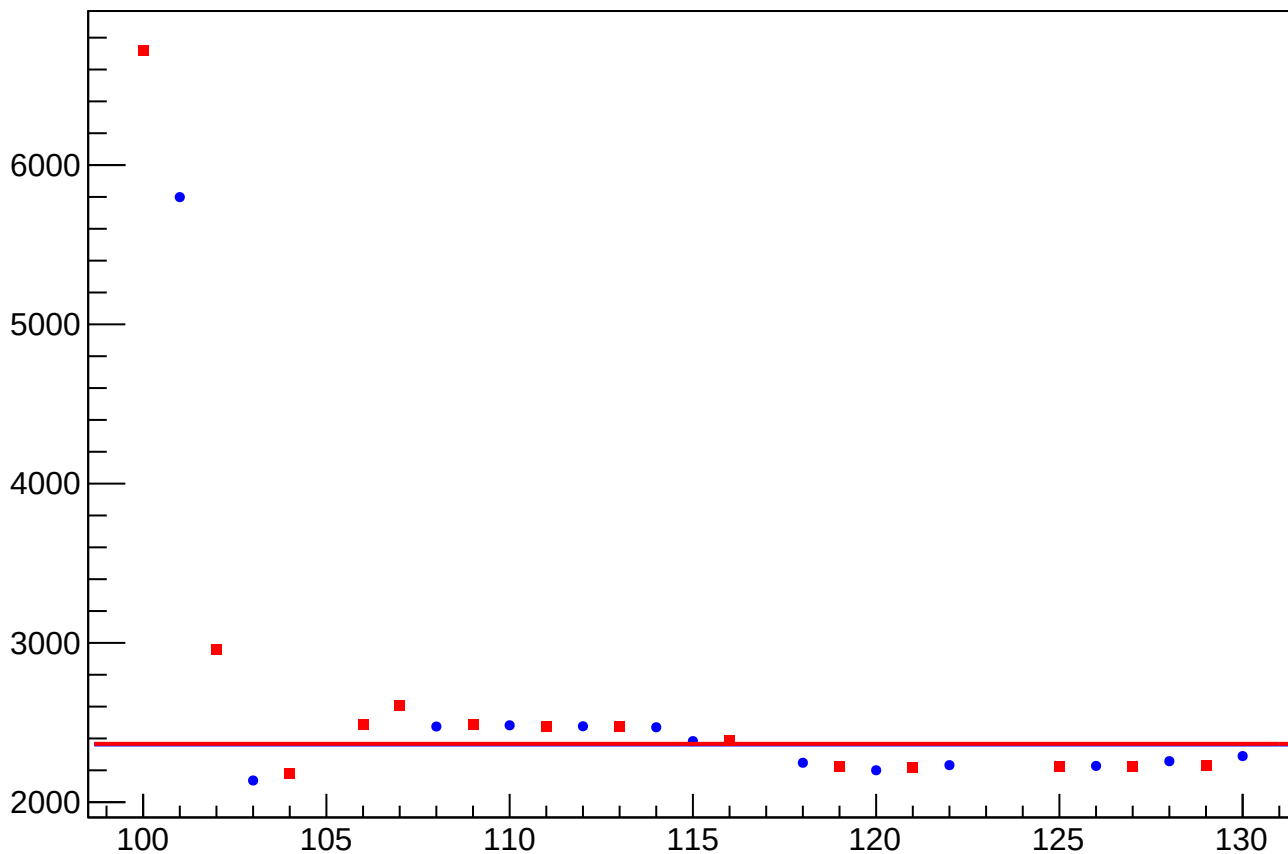
Right: 4454.778+/-716.878 χ^2/NDF : 20.2/26

In: 4562.253+/-1026.986 χ^2/NDF : 11.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4454.778+/-716.878 χ^2/NDF : 20.2/26

reg_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2362.375+/-0.726 χ^2/NDF : 495767.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2366.342+/-0.708 χ^2/NDF : 140005.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

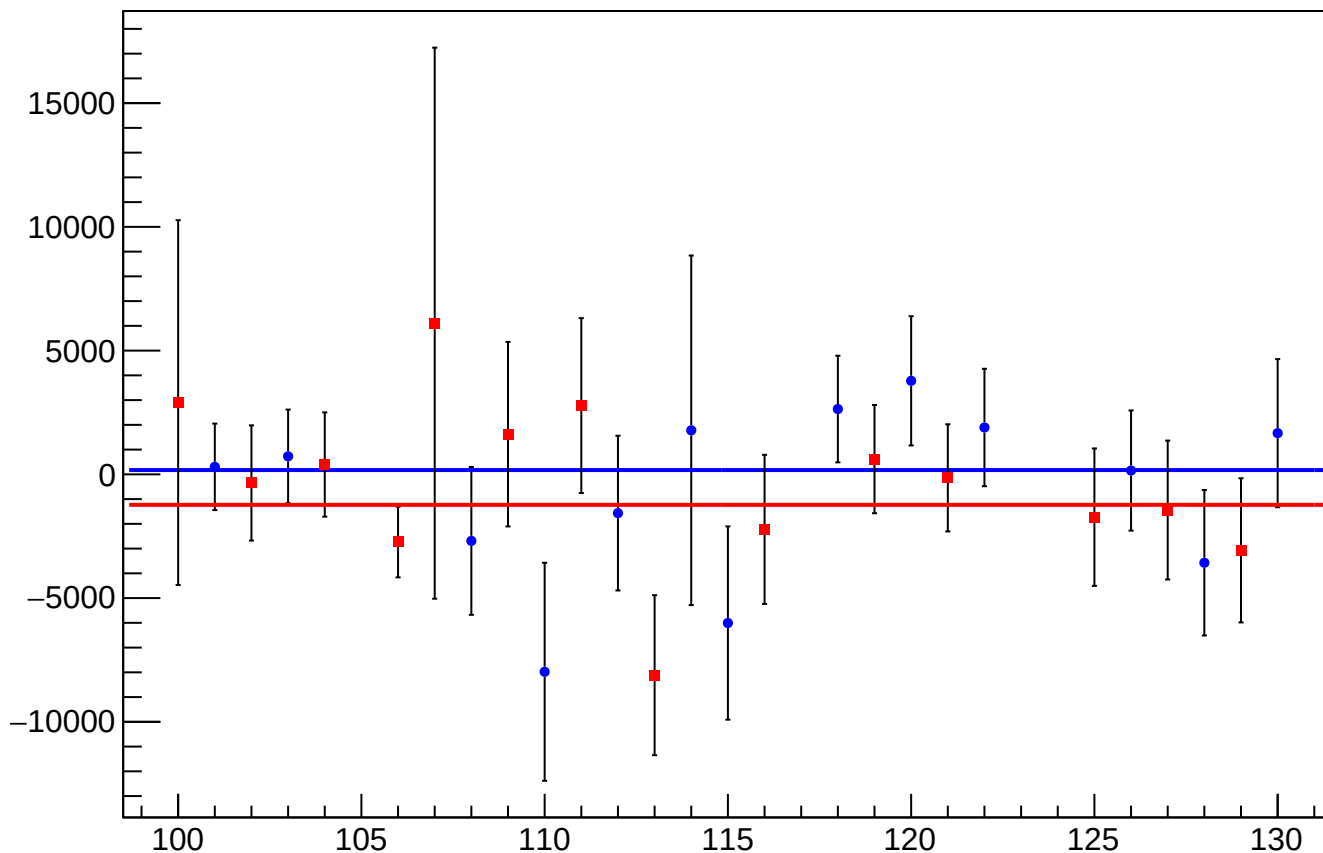
Right: 2364.409+/-0.507 χ^2/NDF : 635788.0/26

In: 2362.375+/-0.726 χ^2/NDF : 495767.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2364.409+/-0.507 χ^2/NDF : 635788.0/26

asym_us_avg_at1lr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 173.644+/-726.294 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1232.181+/-693.302 χ^2/NDF : 10.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

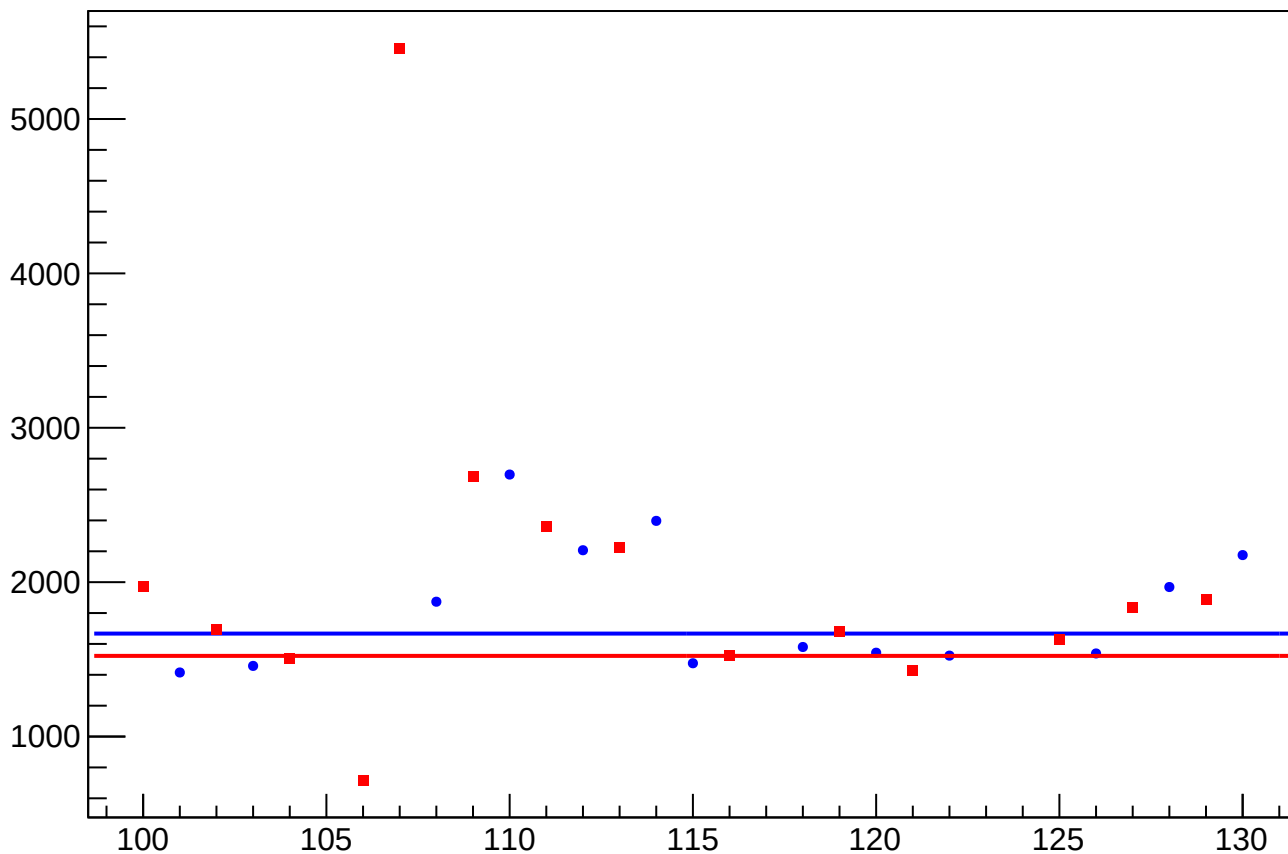
Right: -561.923+/-501.496 χ^2/NDF : 25.4/26

In: 173.644+/-726.294 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -561.923+/-501.496 χ^2/NDF : 25.4/26

asym_us_avg_at1lr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1666.994+/-0.514 χ^2/NDF : 370307.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1522.528+/-0.490 χ^2/NDF : 1382959.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

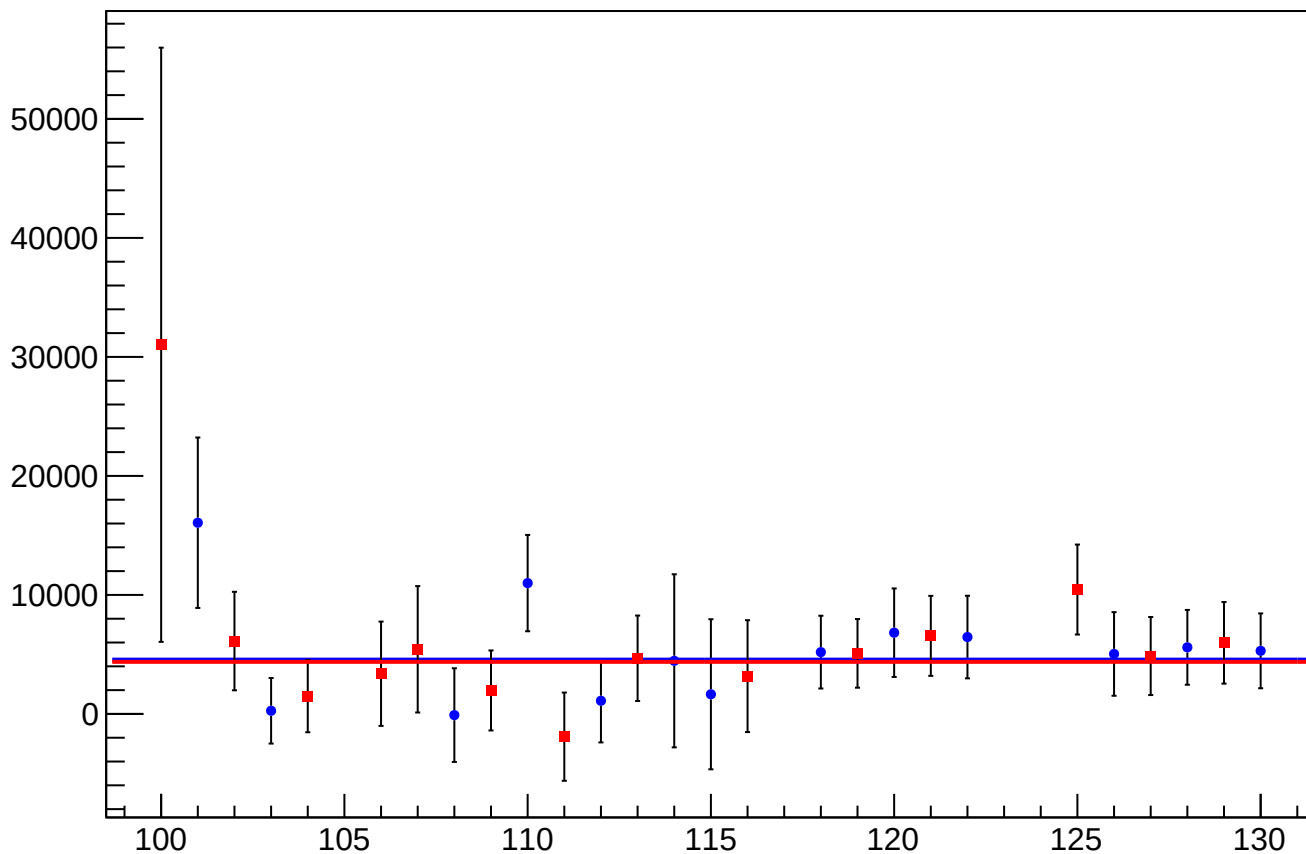
Right: 1591.405+/-0.355 χ^2/NDF : 1794670.4/26

In: 1666.994+/-0.514 χ^2/NDF : 370307.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1591.405+/-0.355 χ^2/NDF : 1794670.4/26

cor_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4561.462+/-1026.986 χ^2/NDF : 11.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4376.823+/-1001.374 χ^2/NDF : 9.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

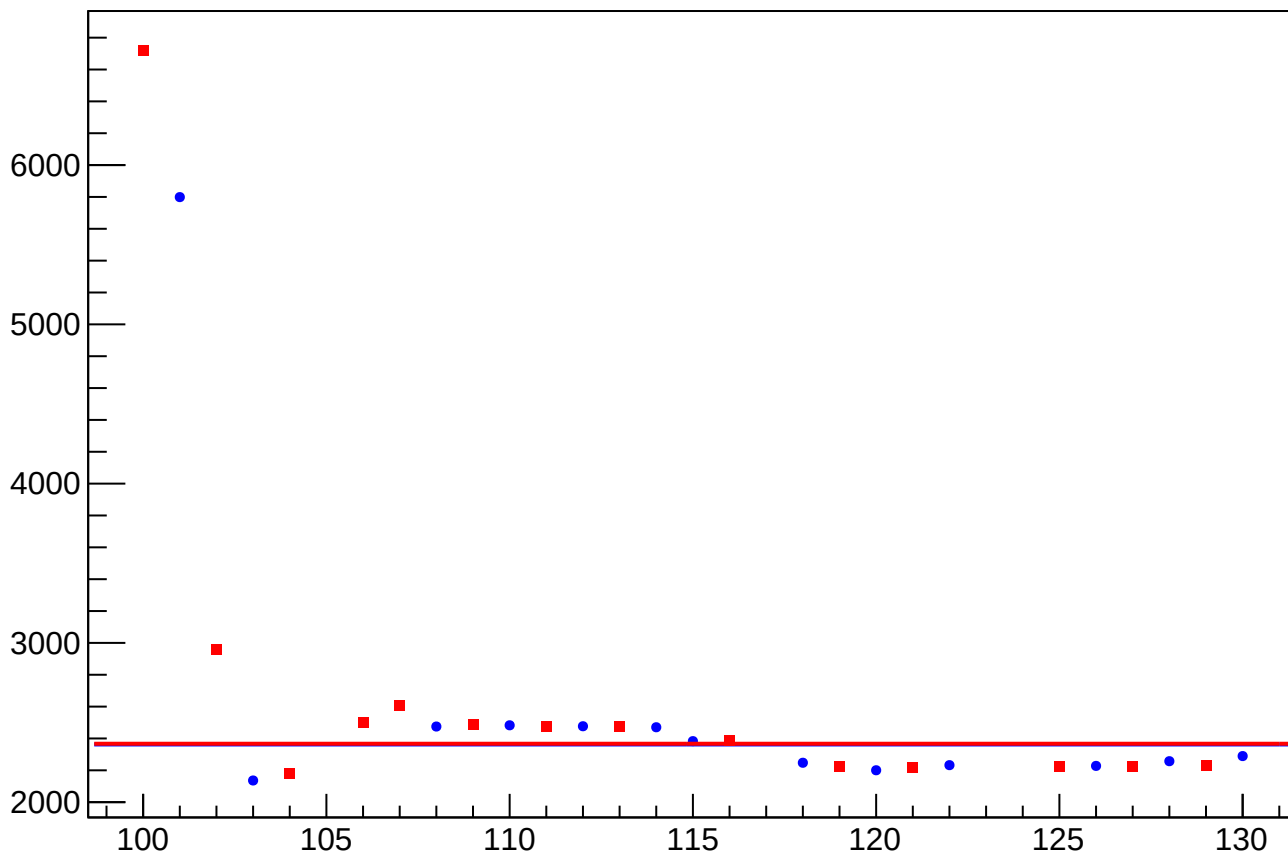
Right: 4466.812+/-716.962 χ^2/NDF : 20.1/26

In: 4561.462+/-1026.986 χ^2/NDF : 11.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4466.812+/-716.962 χ^2/NDF : 20.1/26

cor_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2362.375+/-0.726 χ^2/NDF : 495768.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2366.846+/-0.708 χ^2/NDF : 140279.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

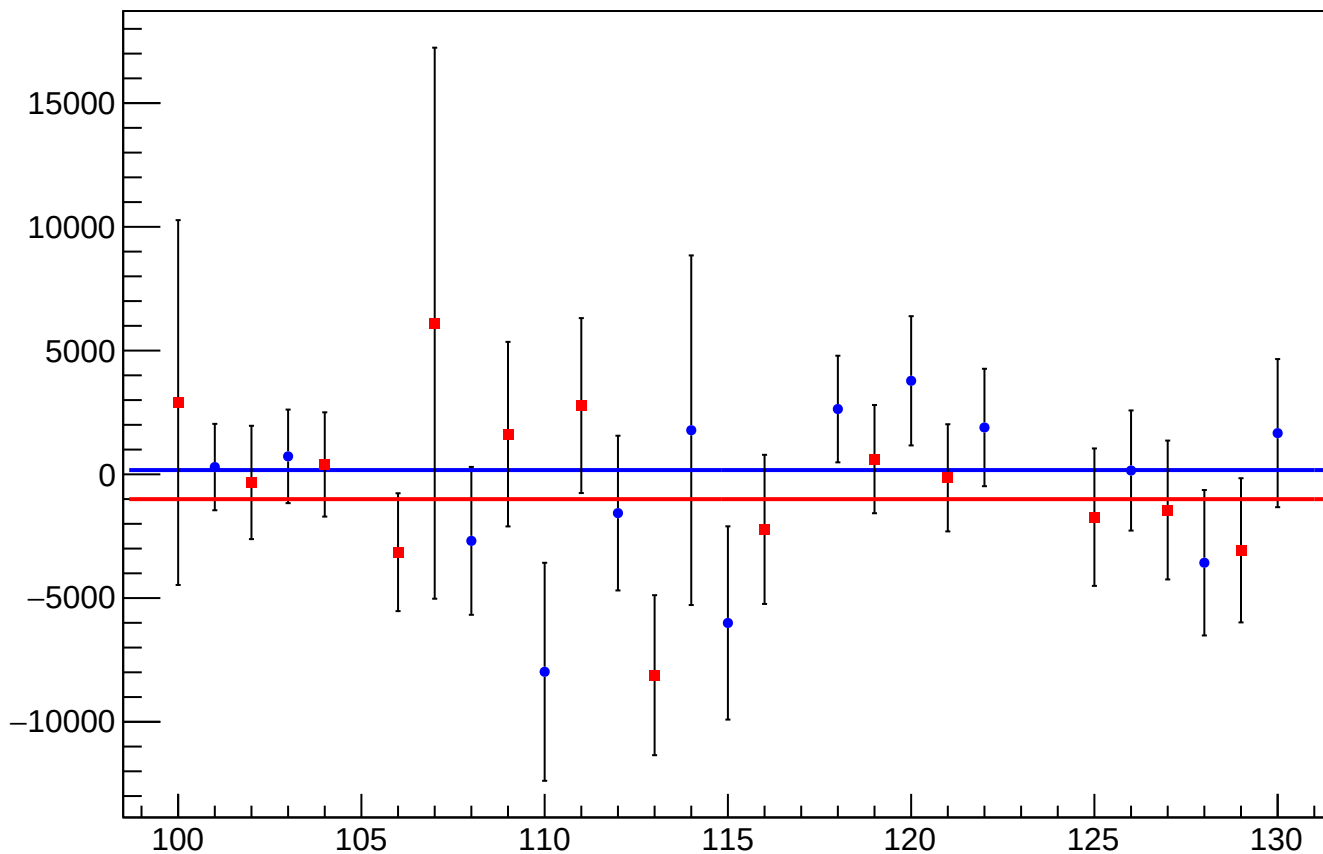
Right: 2364.667+/-0.507 χ^2/NDF : 636067.0/26

In: 2362.375+/-0.726 χ^2/NDF : 495768.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2364.667+/-0.507 χ^2/NDF : 636067.0/26

asym_us_avg_at1lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 172.146+/-726.122 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1002.673+/-750.864 χ^2/NDF : 10.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

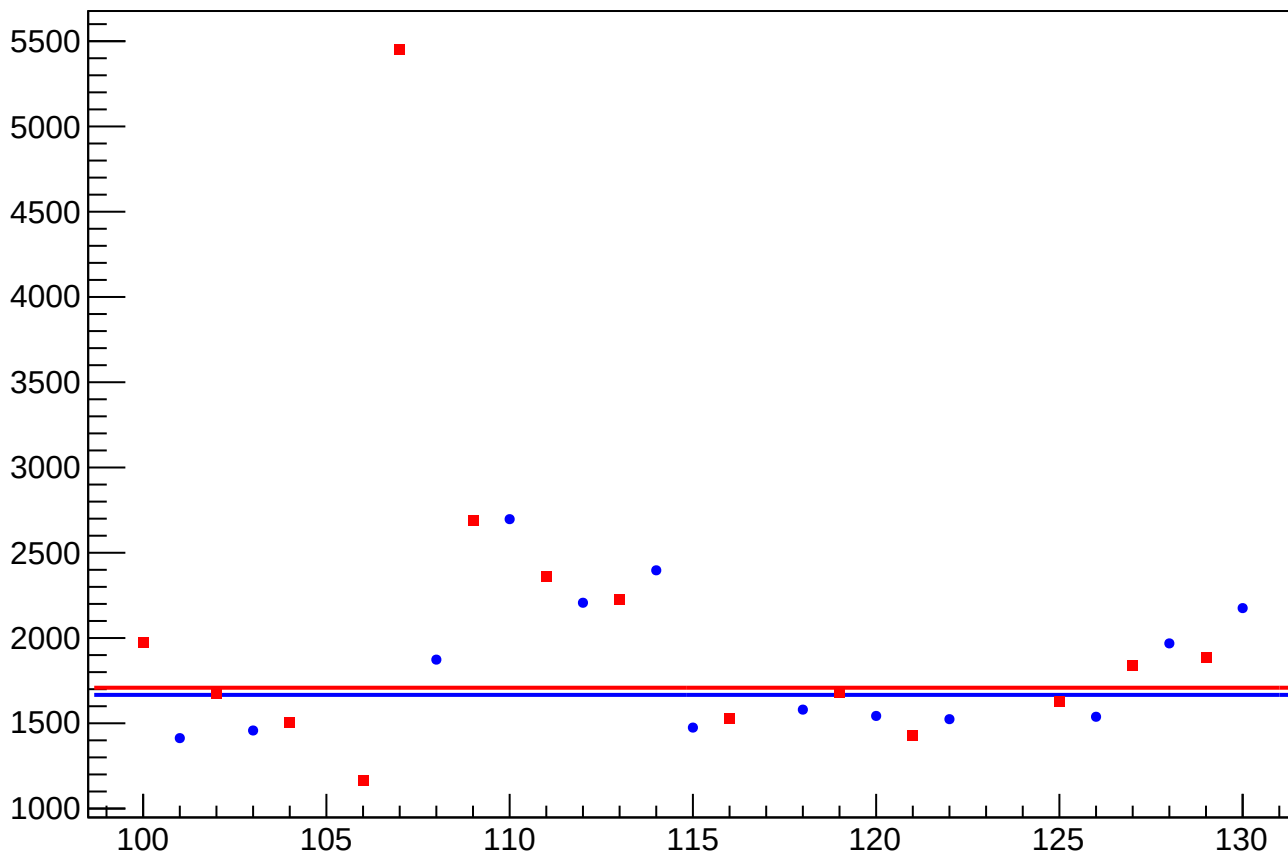
Right: -395.589+/-521.974 χ^2/NDF : 24.2/26

In: 172.146+/-726.122 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -395.589+/-521.974 χ^2/NDF : 24.2/26

asym_us_avg_at1lr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1666.551+/-0.513 χ^2/NDF : 371059.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1708.571+/-0.531 χ^2/NDF : 664492.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

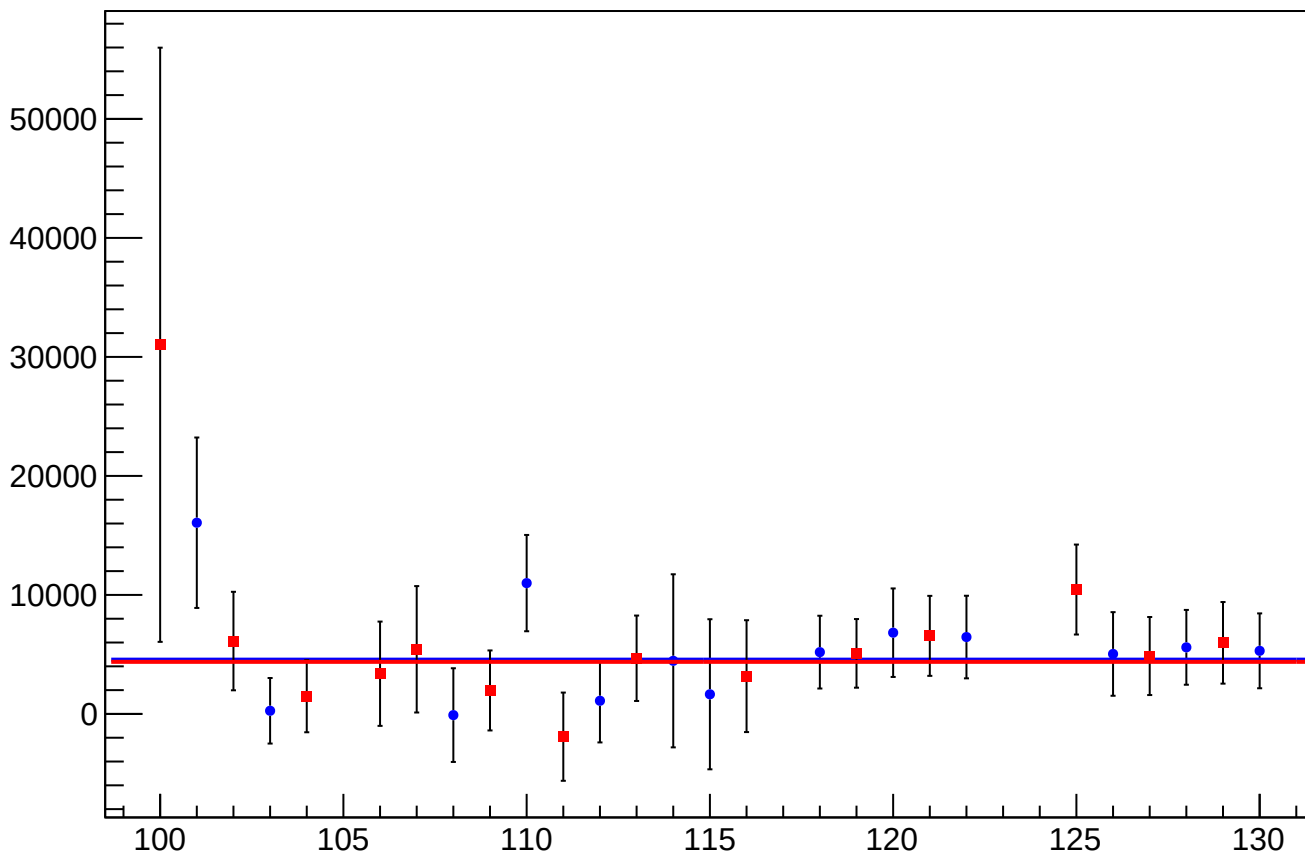
Right: 1686.857+/-0.369 χ^2/NDF : 1038788.2/26

In: 1666.551+/-0.513 χ^2/NDF : 371059.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1686.857+/-0.369 χ^2/NDF : 1038788.2/26

eigen_cor_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4561.462+/-1026.986 χ^2/NDF : 11.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4376.823+/-1001.374 χ^2/NDF : 9.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

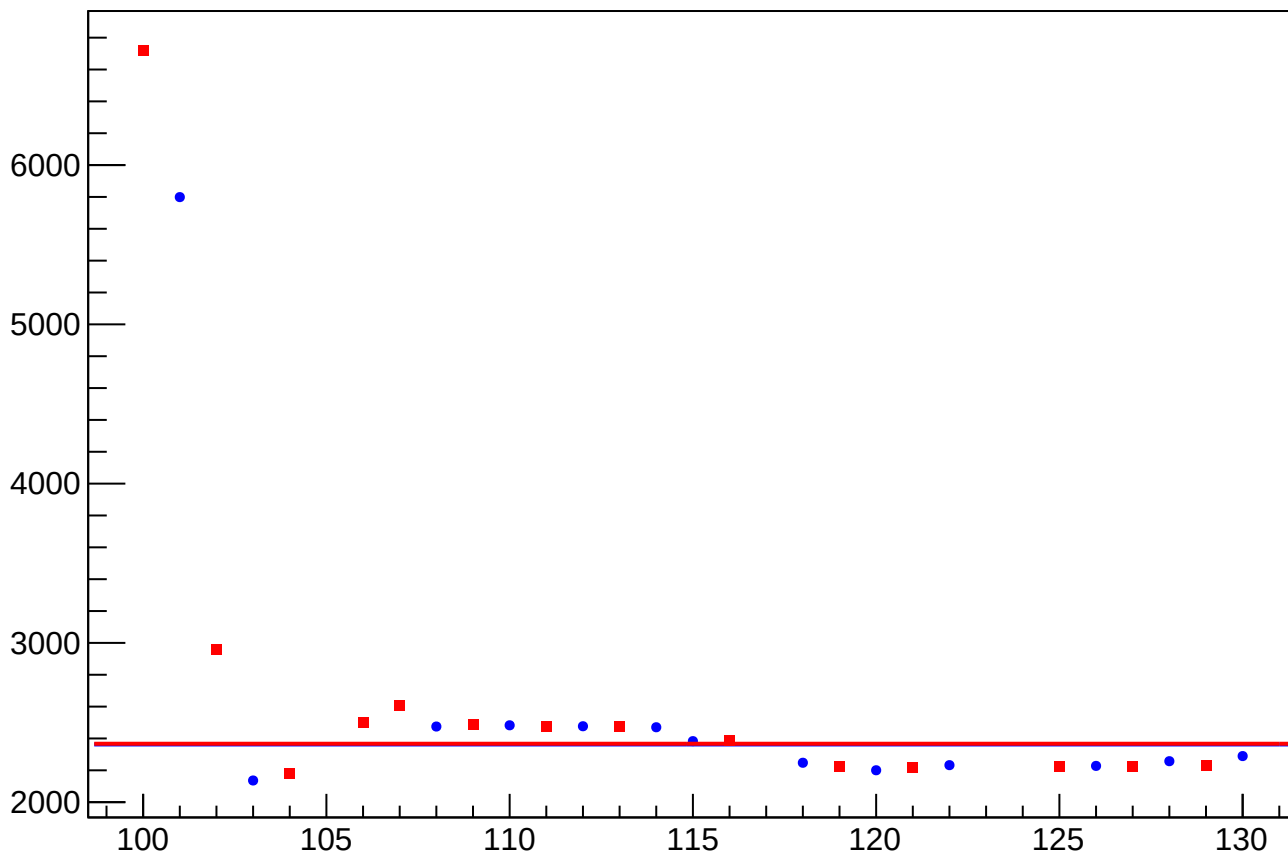
Right: 4466.812+/-716.962 χ^2/NDF : 20.1/26

In: 4561.462+/-1026.986 χ^2/NDF : 11.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4466.812+/-716.962 χ^2/NDF : 20.1/26

eigen_cor_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2362.375+/-0.726 χ^2/NDF : 495768.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2366.846+/-0.708 χ^2/NDF : 140279.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

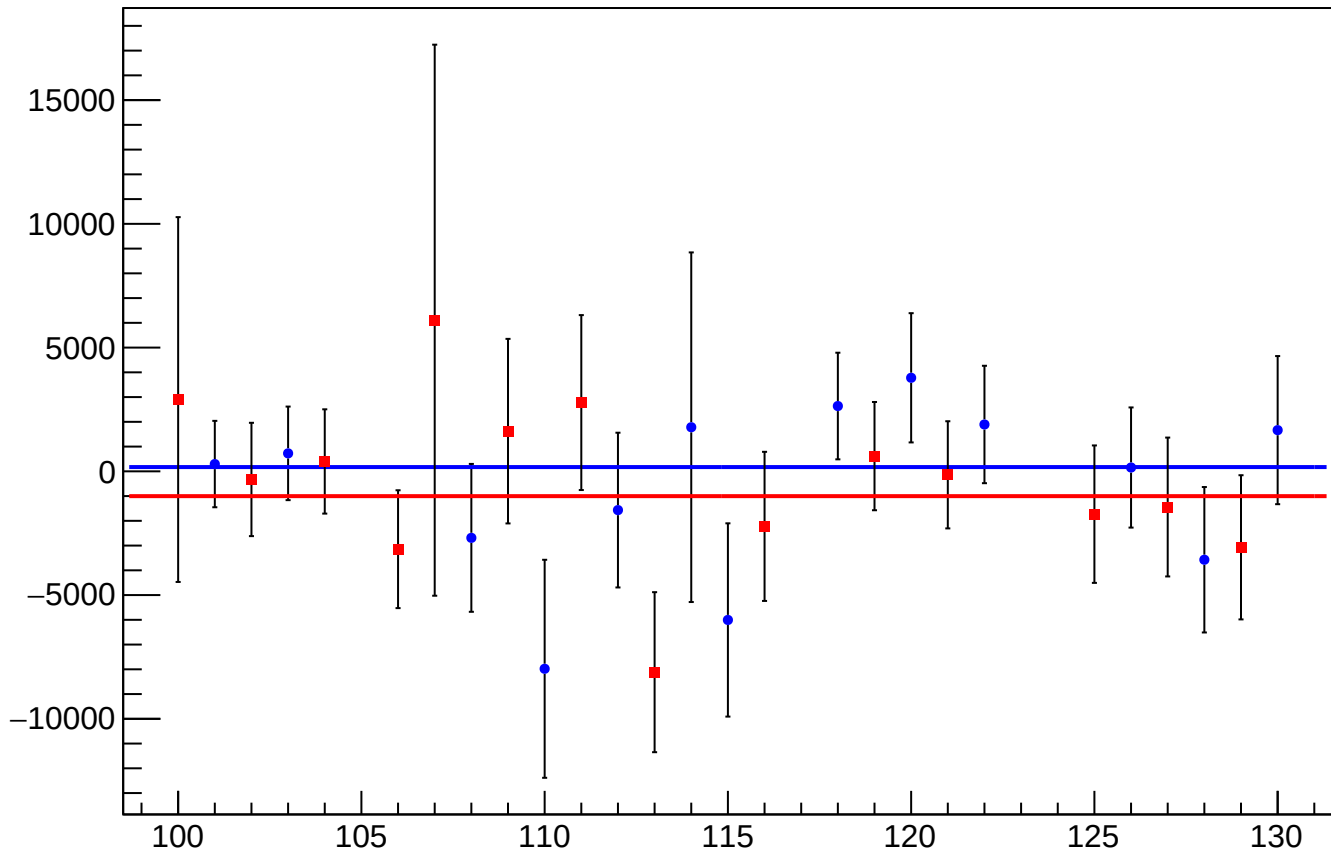
Right: 2364.667+/-0.507 χ^2/NDF : 636067.0/26

In: 2362.375+/-0.726 χ^2/NDF : 495768.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2364.667+/-0.507 χ^2/NDF : 636067.0/26

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 172.146+/-726.122 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1002.673+/-750.864 χ^2/NDF : 10.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

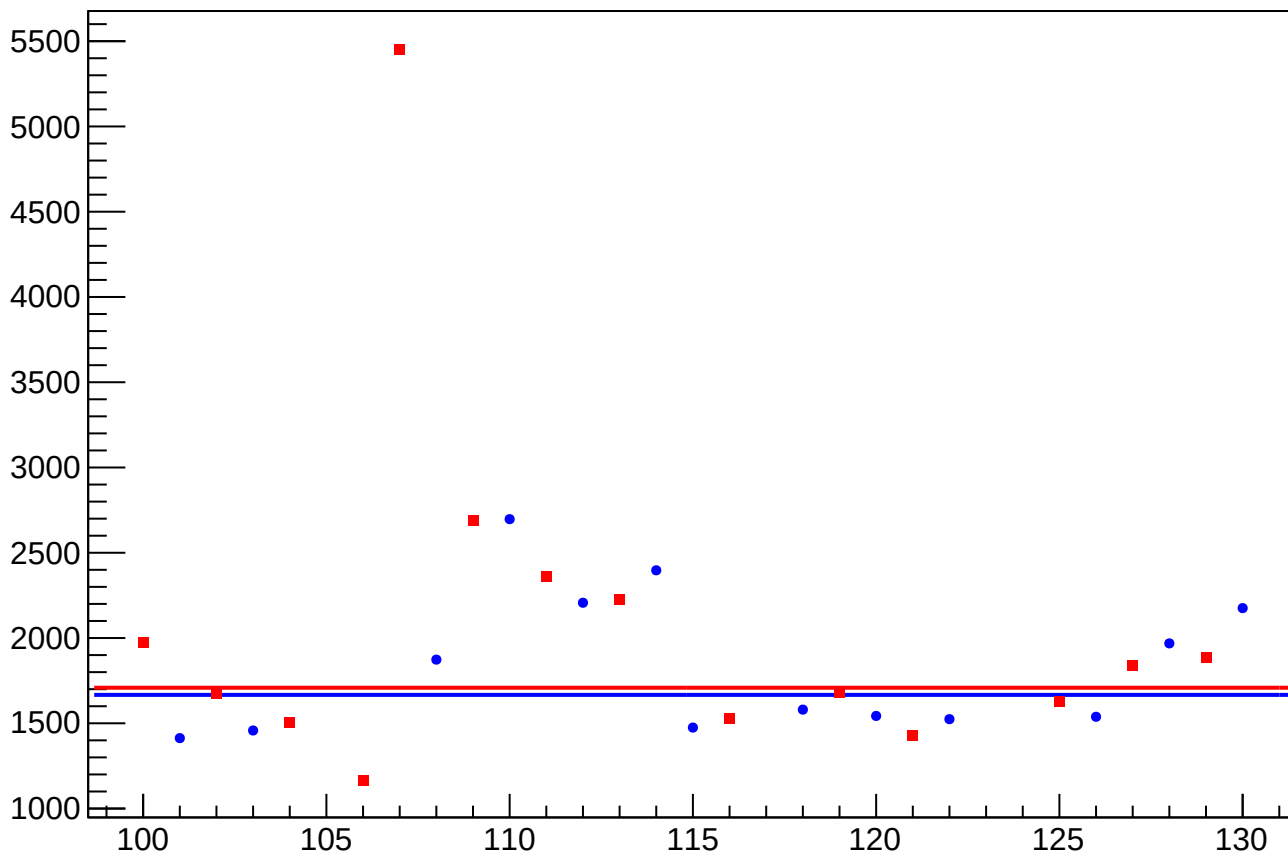
Right: -395.589+/-521.974 χ^2/NDF : 24.2/26

In: 172.146+/-726.122 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -395.589+/-521.974 χ^2/NDF : 24.2/26

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1666.551+/-0.513 χ^2/NDF : 371059.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1708.571+/-0.531 χ^2/NDF : 664492.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

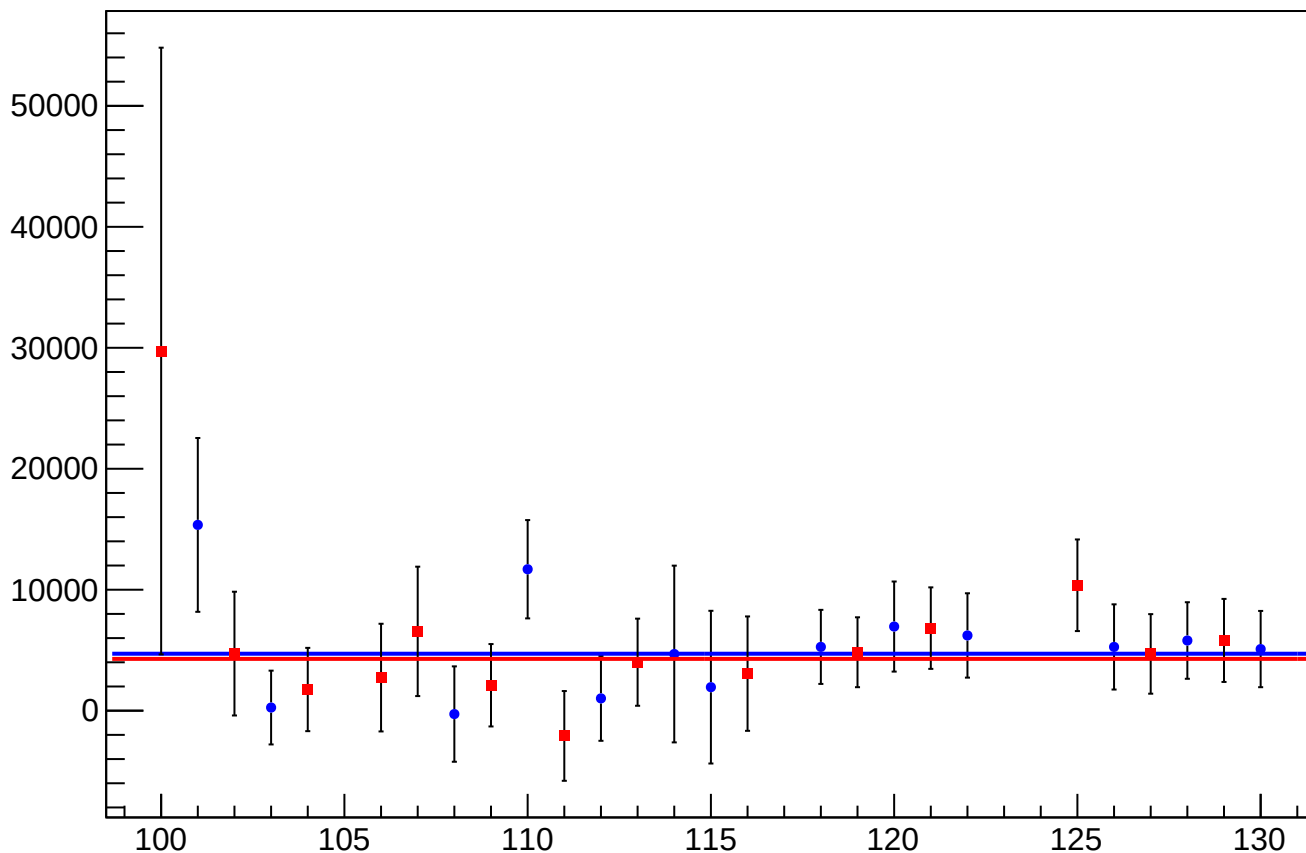
Right: 1686.857+/-0.369 χ^2/NDF : 1038788.2/26

In: 1666.551+/-0.513 χ^2/NDF : 371059.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1686.857+/-0.369 χ^2/NDF : 1038788.2/26

dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4708.840+/-1043.165 χ^2/NDF : 10.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4282.423+/-1028.545 χ^2/NDF : 8.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

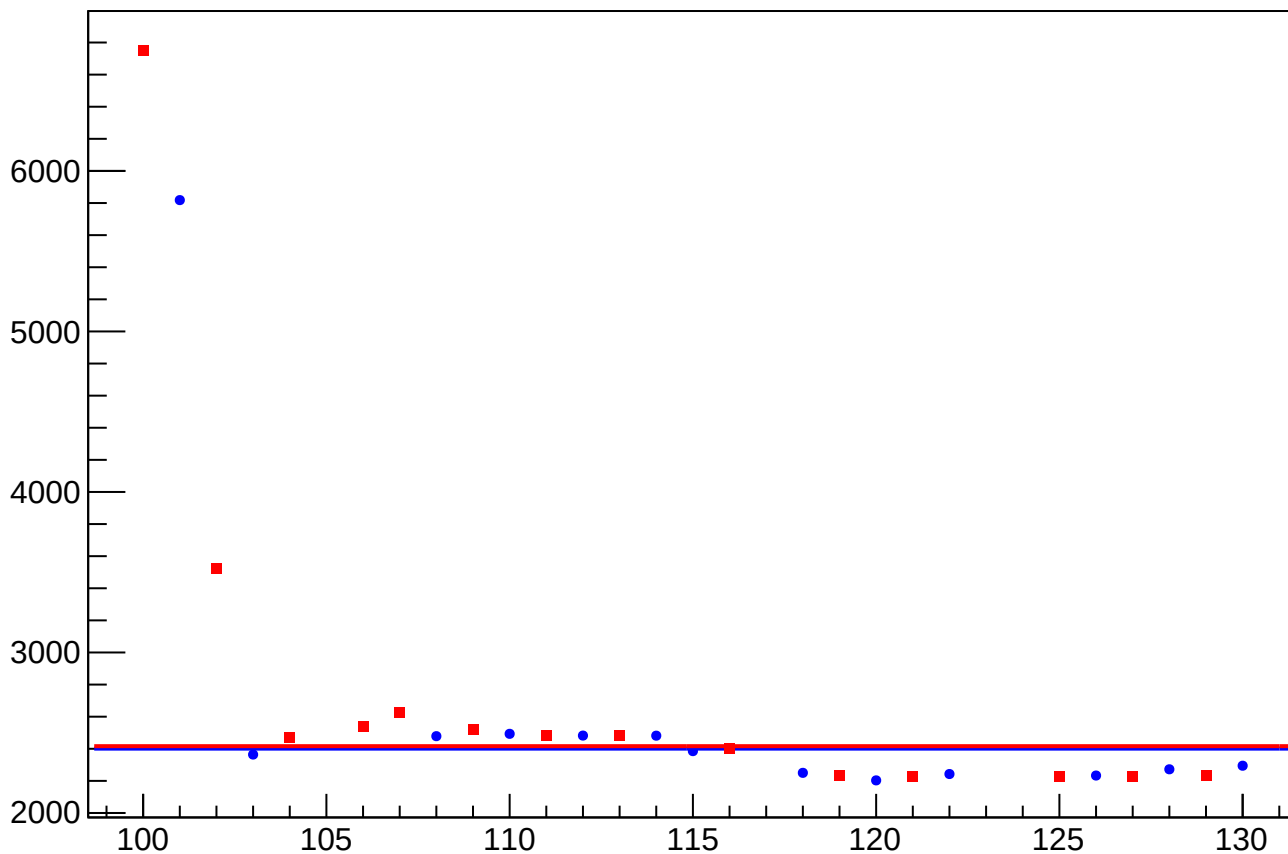
Right: 4492.623+/-732.405 χ^2/NDF : 19.7/26

In: 4708.840+/-1043.165 χ^2/NDF : 10.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4492.623+/-732.405 χ^2/NDF : 19.7/26

dit_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2401.059+/-0.738 χ^2/NDF : 480546.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2416.282+/-0.727 χ^2/NDF : 193426.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

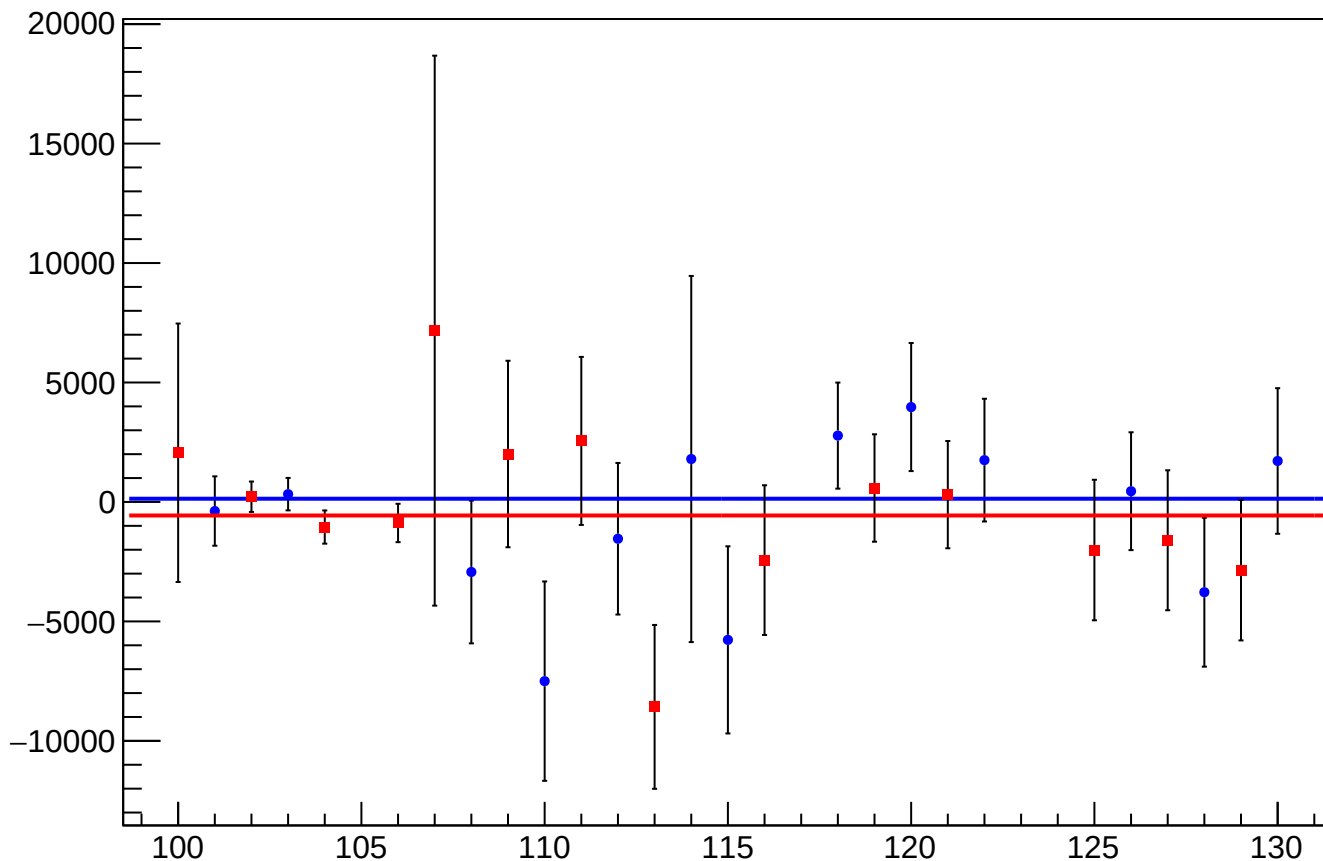
Right: 2408.778+/-0.518 χ^2/NDF : 674188.4/26

In: 2401.059+/-0.738 χ^2/NDF : 480546.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2408.778+/-0.518 χ^2/NDF : 674188.4/26

asym_us_avg_at1lr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 135.204+/-508.934 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -566.614+/-372.380 χ^2/NDF : 11.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

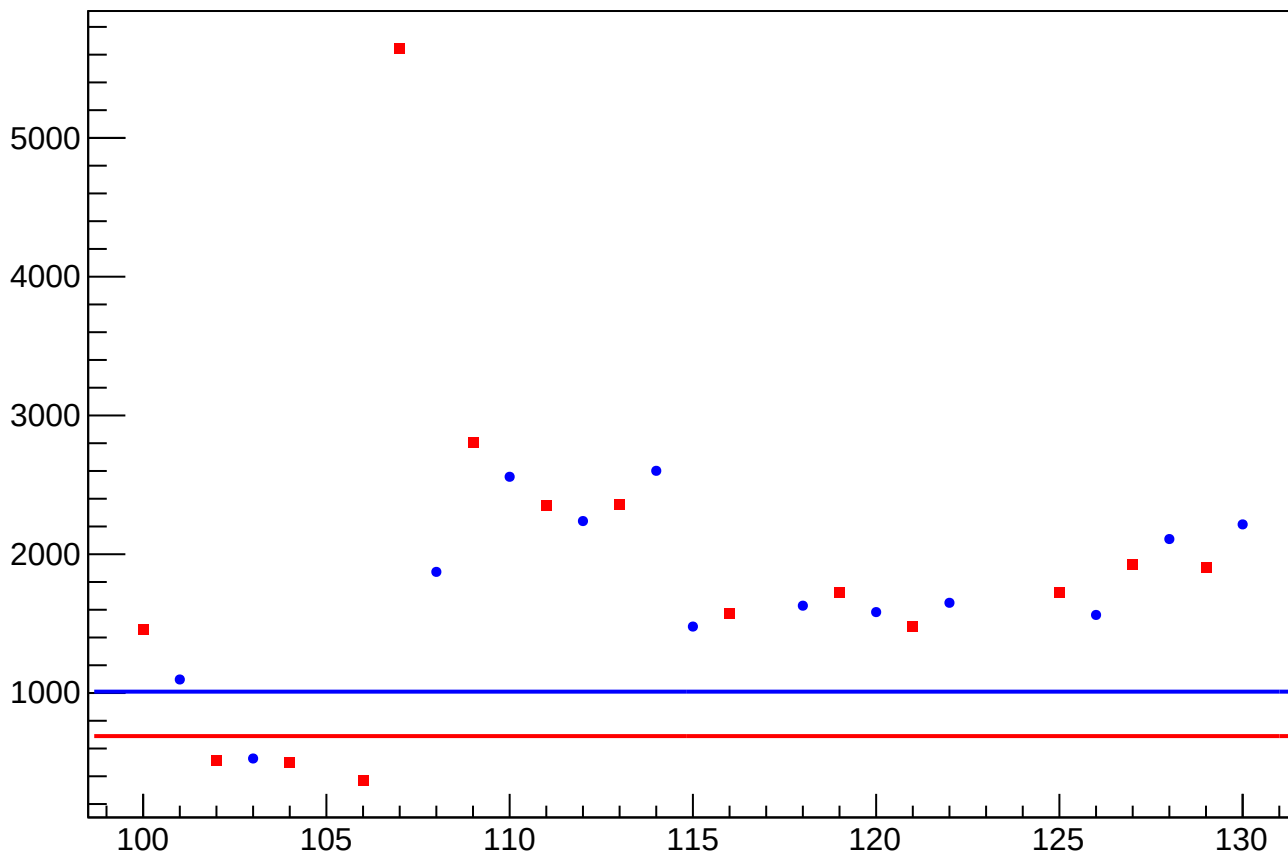
Right: -321.898+/-300.525 χ^2/NDF : 25.4/26

In: 135.204+/-508.934 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -321.898+/-300.525 χ^2/NDF : 25.4/26

asym_us_avg_at1lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1009.844+/-0.360 χ^2/NDF : 2904321.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 689.548+/-0.263 χ^2/NDF : 4320498.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

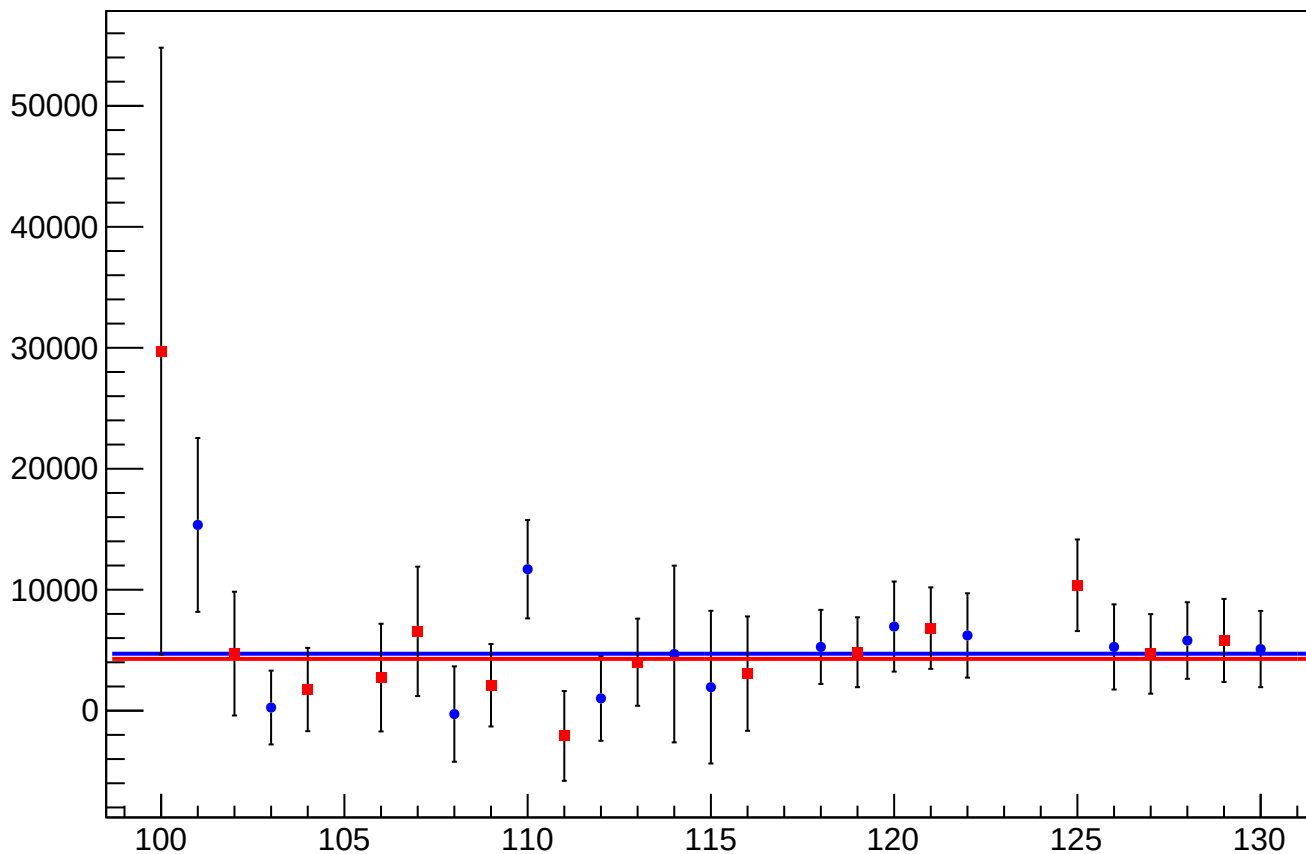
Right: 801.232+/-0.213 χ^2/NDF : 7740759.4/26

In: 1009.844+/-0.360 χ^2/NDF : 2904321.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 801.232+/-0.213 χ^2/NDF : 7740759.4/26

eigen_dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4708.839+/-1043.165 χ^2/NDF : 10.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4282.420+/-1028.545 χ^2/NDF : 8.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

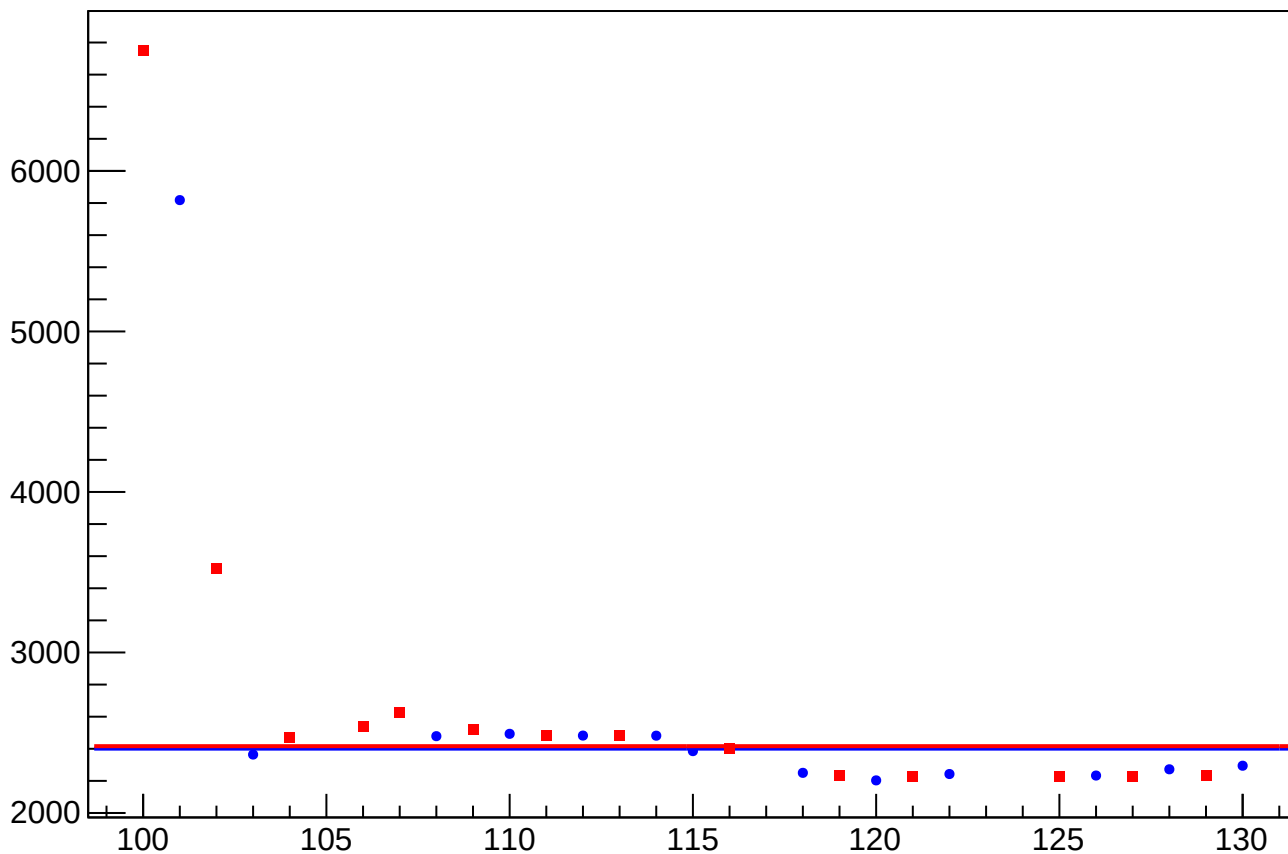
Right: 4492.621+/-732.405 χ^2/NDF : 19.7/26

In: 4708.839+/-1043.165 χ^2/NDF : 10.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4492.621+/-732.405 χ^2/NDF : 19.7/26

eigen_dit_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2401.059+/-0.738 χ^2/NDF : 480546.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2416.281+/-0.727 χ^2/NDF : 193425.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

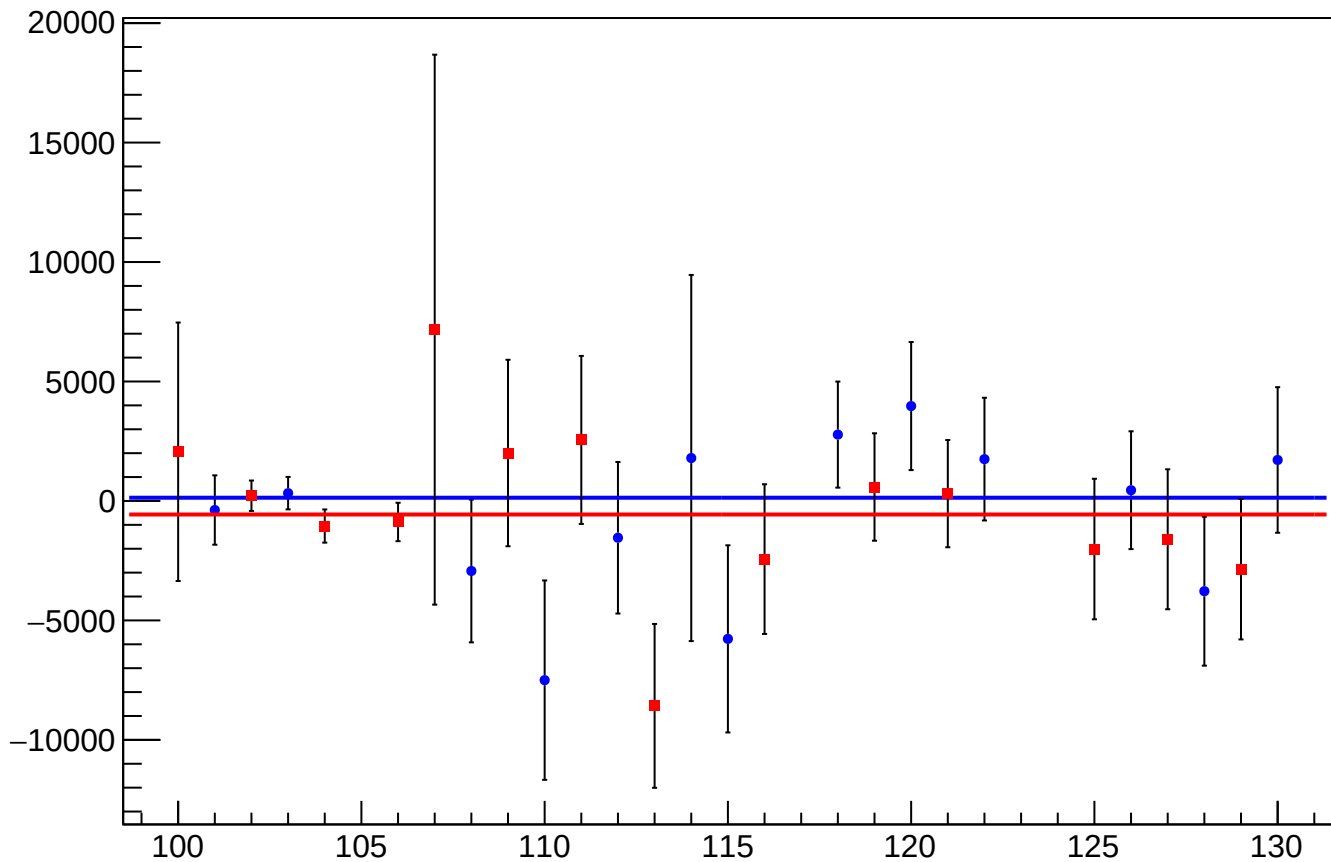
Right: 2408.777+/-0.518 χ^2/NDF : 674187.6/26

In: 2401.059+/-0.738 χ^2/NDF : 480546.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2408.777+/-0.518 χ^2/NDF : 674187.6/26

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 135.198+/-508.937 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -566.621+/-372.385 χ^2/NDF : 11.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

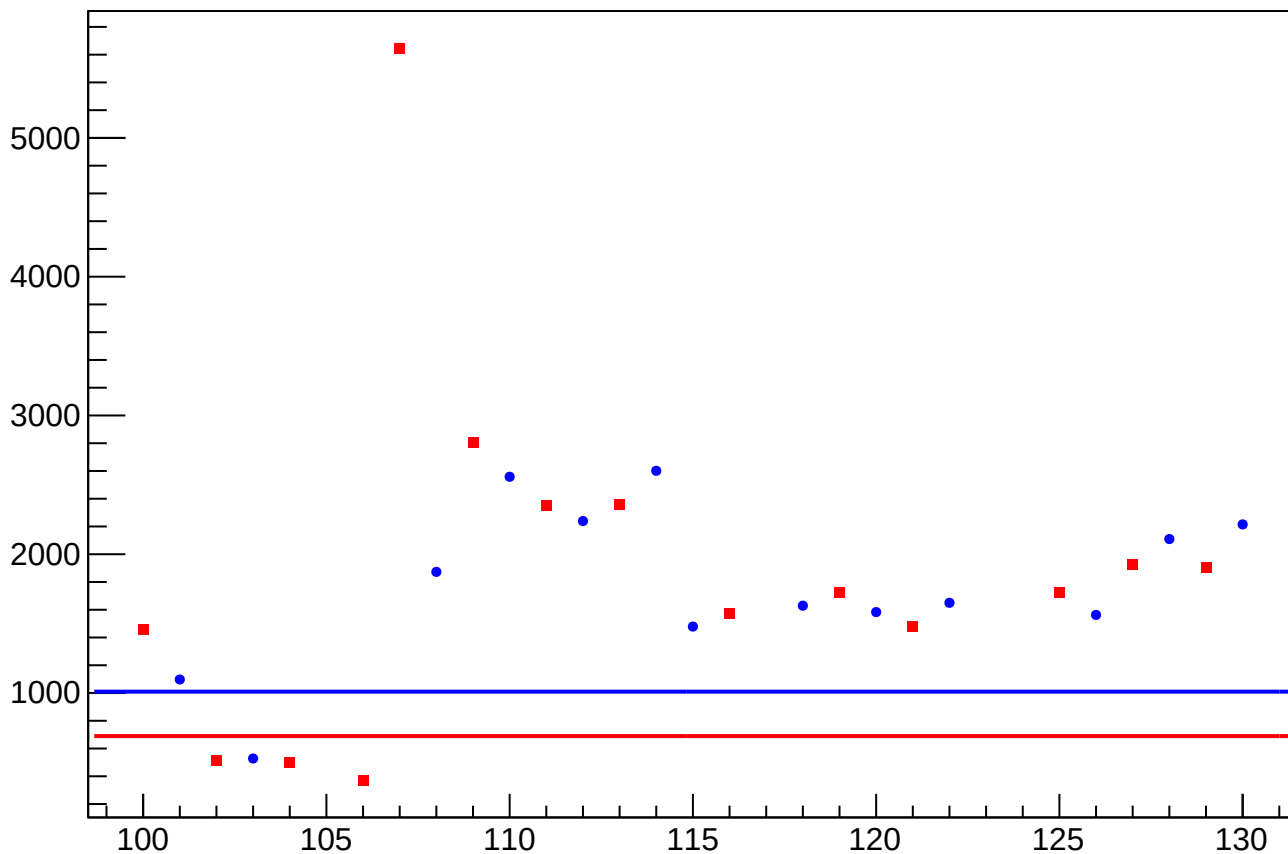
Right: -321.902+/-300.528 χ^2/NDF : 25.4/26

In: 135.198+/-508.937 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -321.902+/-300.528 χ^2/NDF : 25.4/26

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1009.854+/-0.360 χ^2/NDF : 2904261.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 689.562+/-0.263 χ^2/NDF : 4320411.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

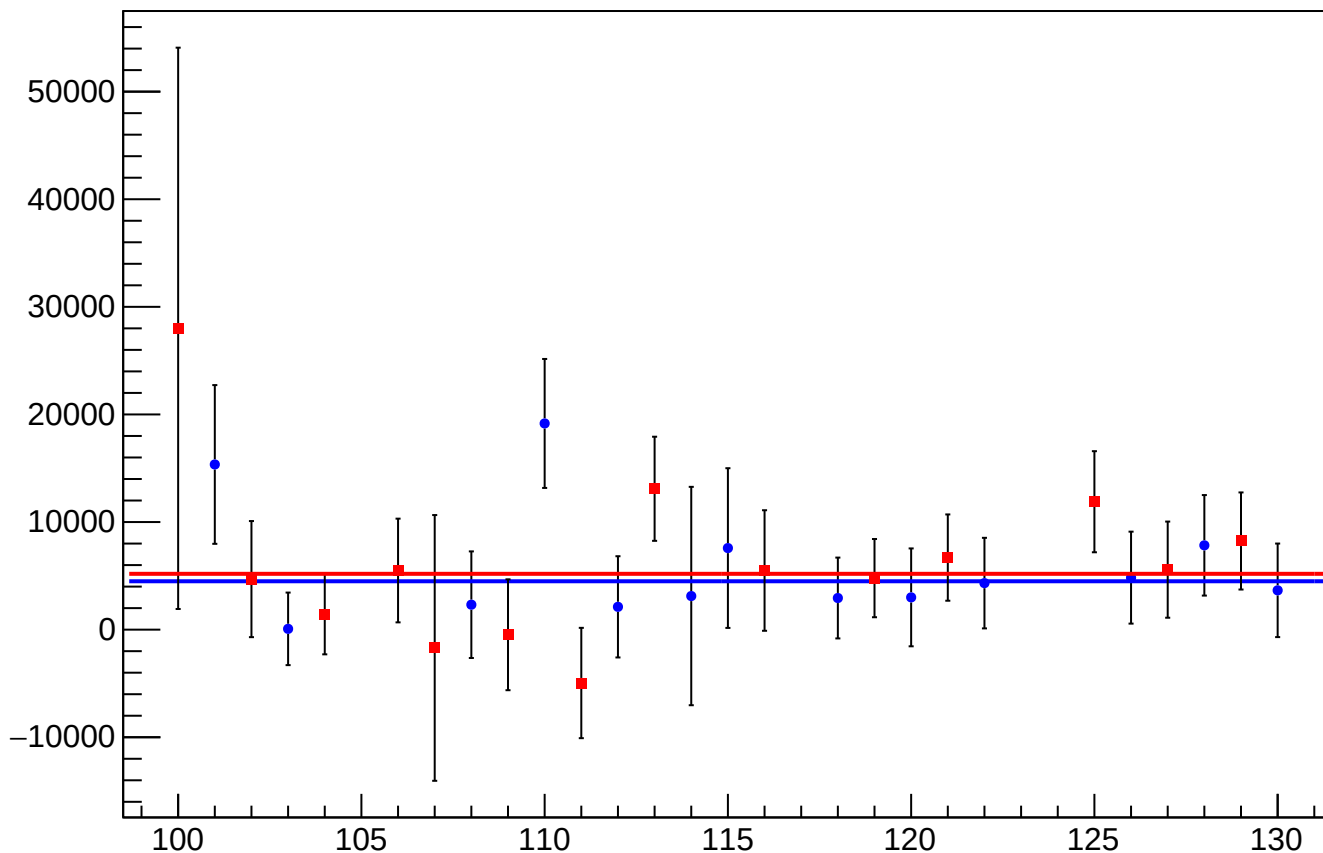
Right: 801.245+/-0.213 χ^2/NDF : 7740589.0/26

In: 1009.854+/-0.360 χ^2/NDF : 2904261.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 801.245+/-0.213 χ^2/NDF : 7740589.0/26

asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4496.357+/-1316.184 χ^2/NDF : 11.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5188.701+/-1301.957 χ^2/NDF : 12.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

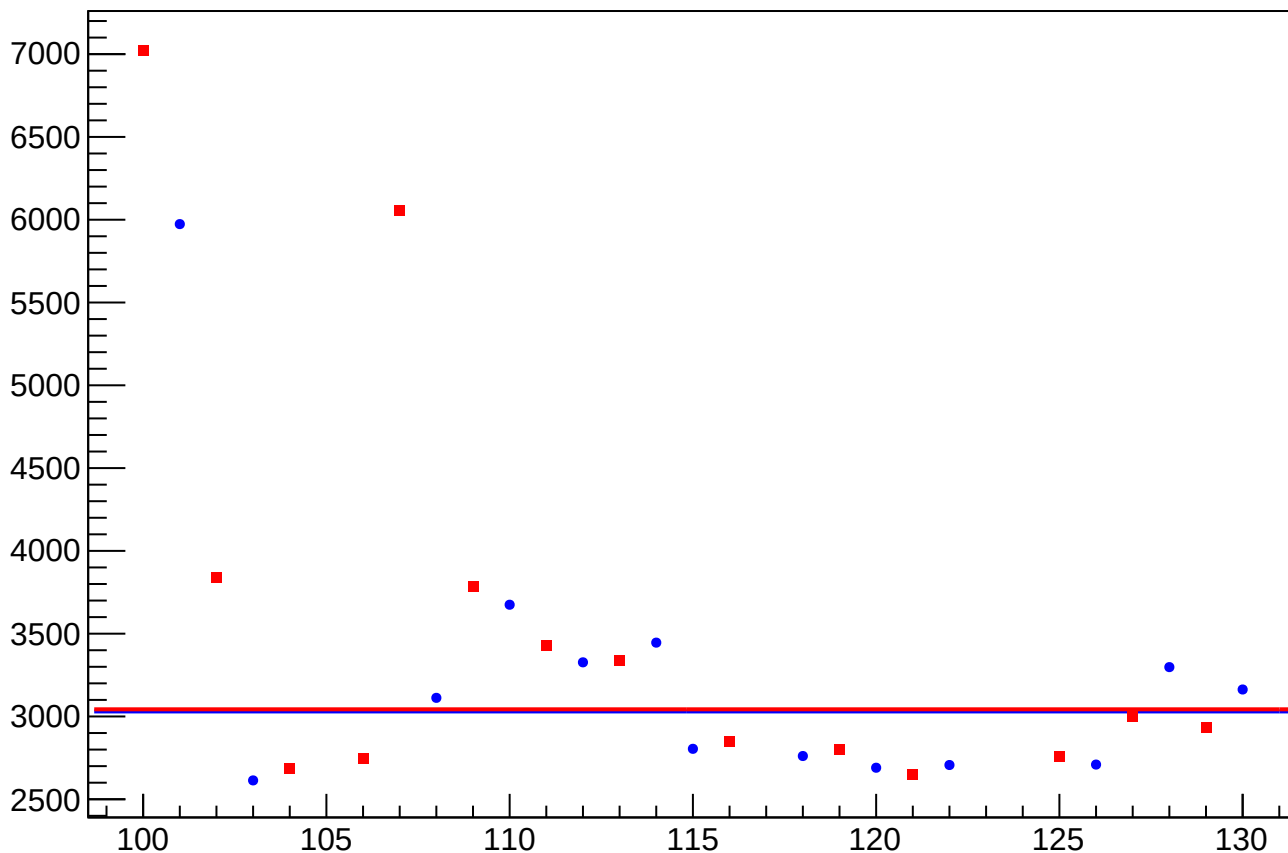
Right: 4846.291+/-925.611 χ^2/NDF : 24.0/26

In: 4496.357+/-1316.184 χ^2/NDF : 11.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4846.291+/-925.611 χ^2/NDF : 24.0/26

asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3030.380+/-0.931 χ^2/NDF : 438787.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3043.225+/-0.921 χ^2/NDF : 333829.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

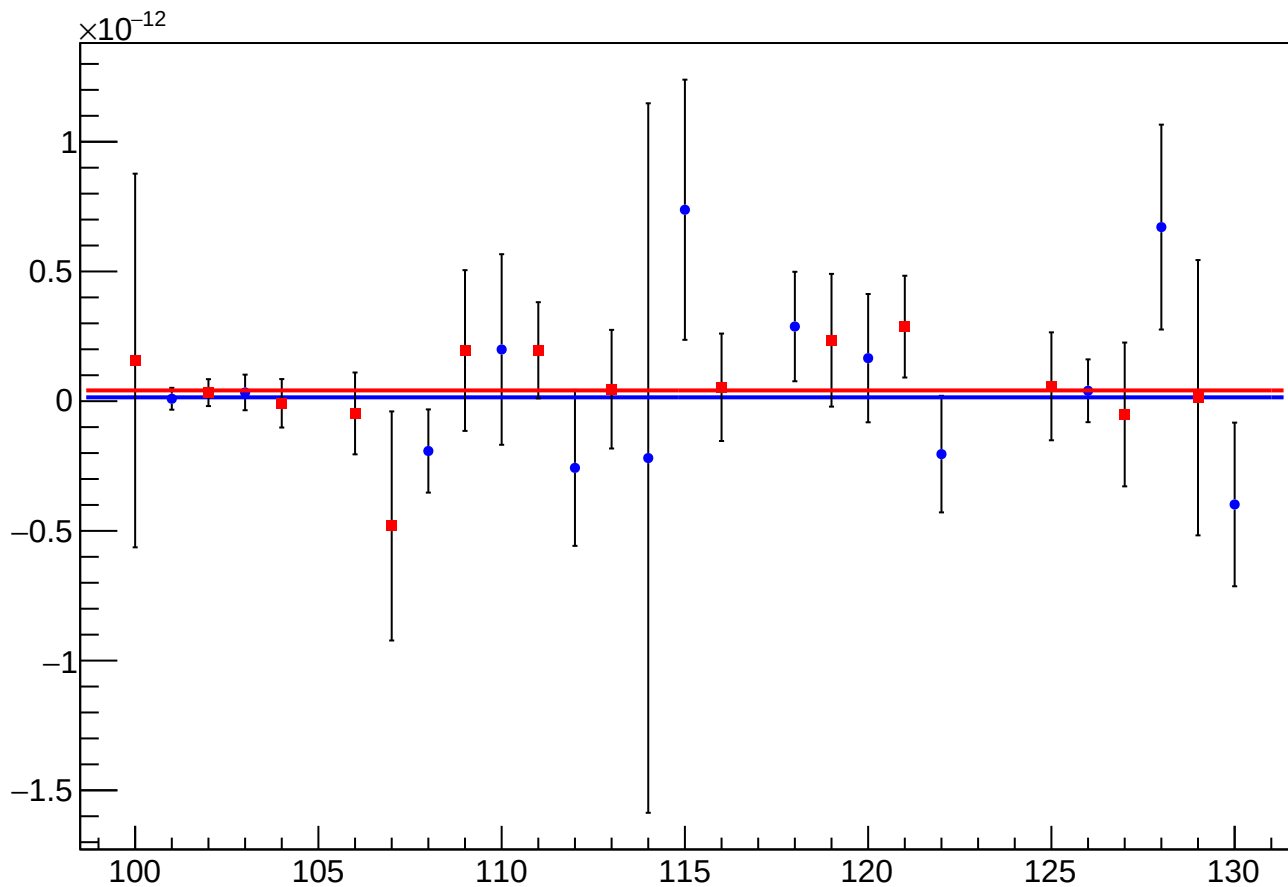
Right: 3036.873+/-0.655 χ^2/NDF : 772713.4/26

In: 3030.380+/-0.931 χ^2/NDF : 438787.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3036.873+/-0.655 χ^2/NDF : 772713.4/26

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

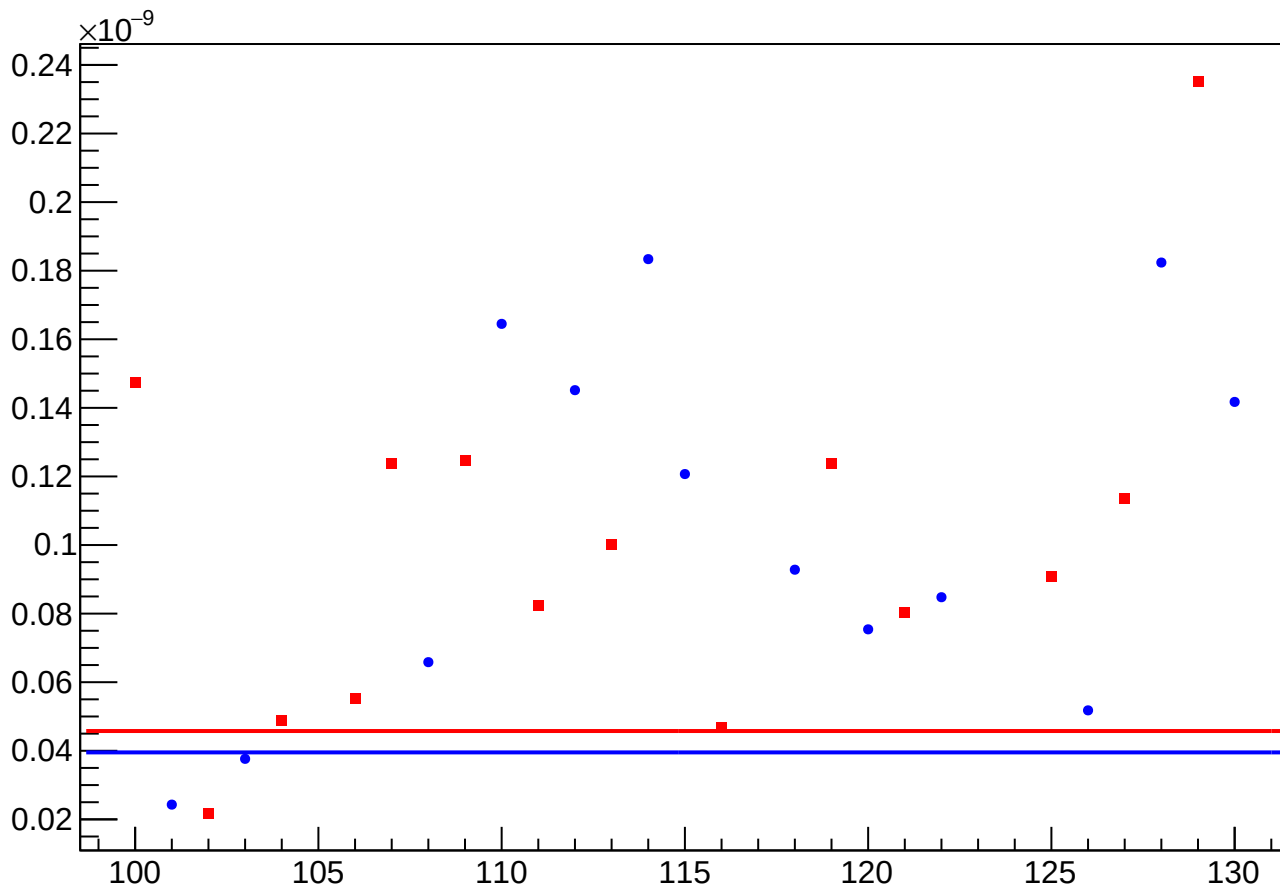
Right: 0.000+/-0.000 χ^2/NDF : 18.0/26

In: 0.000+/-0.000 χ^2/NDF : 12.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.0/26

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1612787.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1580827.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

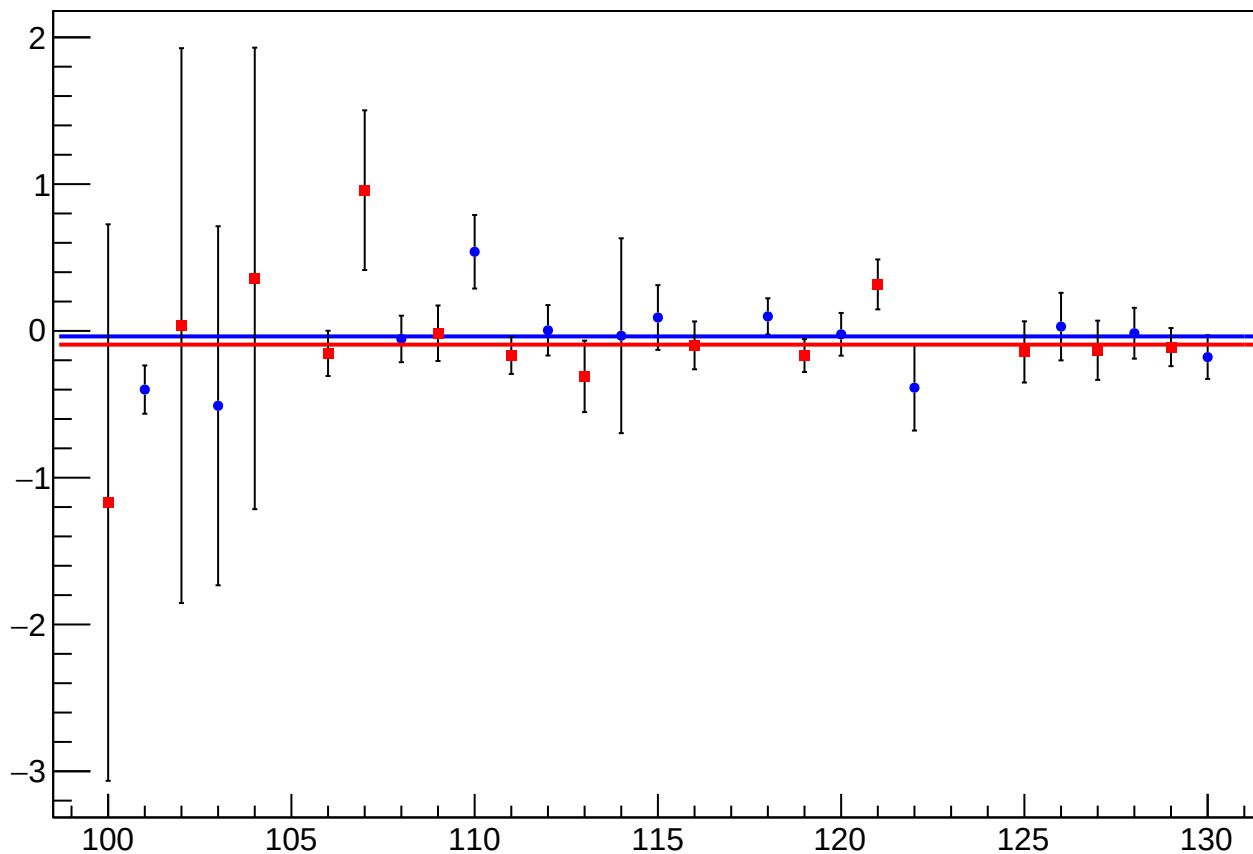
Right: 0.000+/-0.000 χ^2/NDF : 3225282.2/26

In: 0.000+/-0.000 χ^2/NDF : 1612787.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3225282.2/26

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.037 ± 0.052 χ^2/NDF : 14.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.094 ± 0.049 χ^2/NDF : 12.0/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

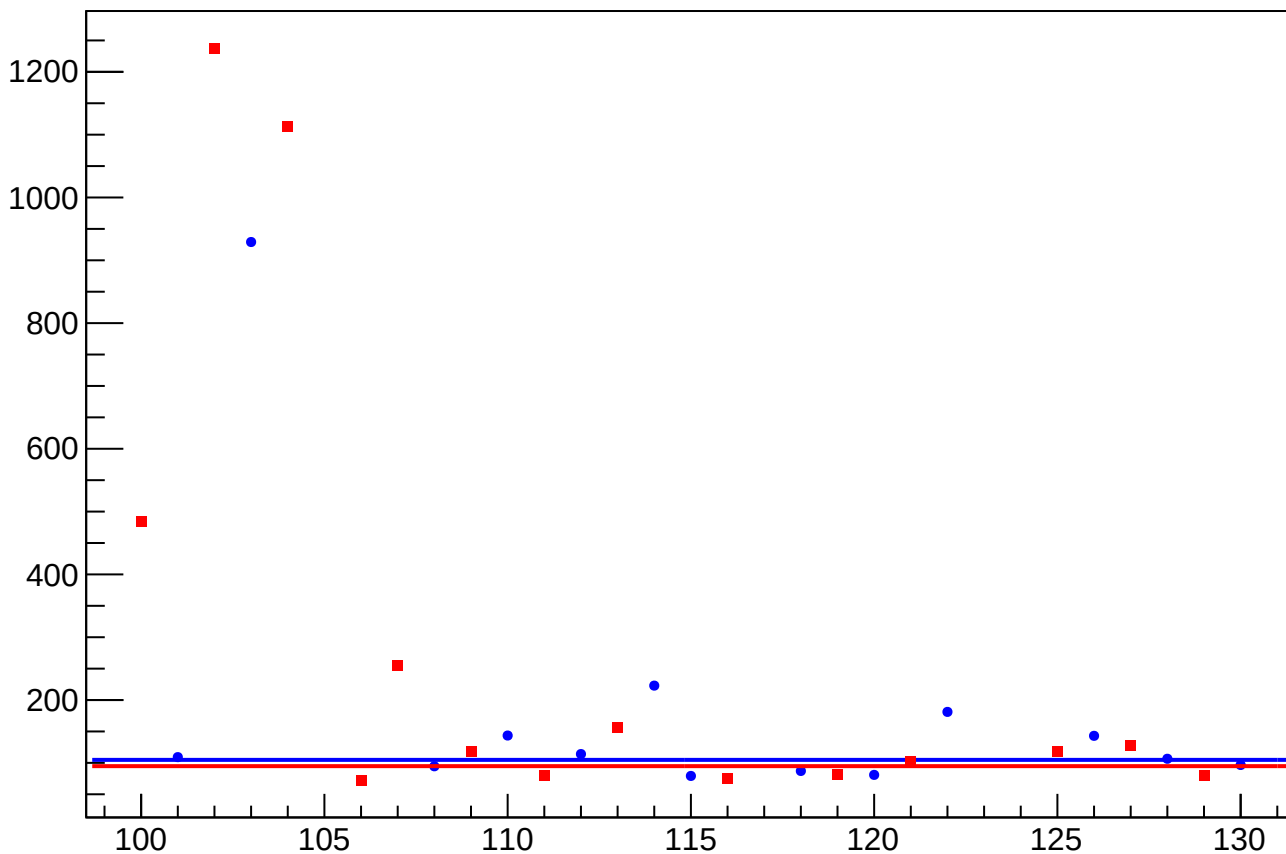
Right: -0.067 ± 0.036 χ^2/NDF : 27.0/26

In: -0.037 ± 0.052 χ^2/NDF : 14.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.067 ± 0.036 χ^2/NDF : 27.0/26

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 104.765+/-0.037 χ^2/NDF : 1355521.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 94.776+/-0.035 χ^2/NDF : 2234306.7/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

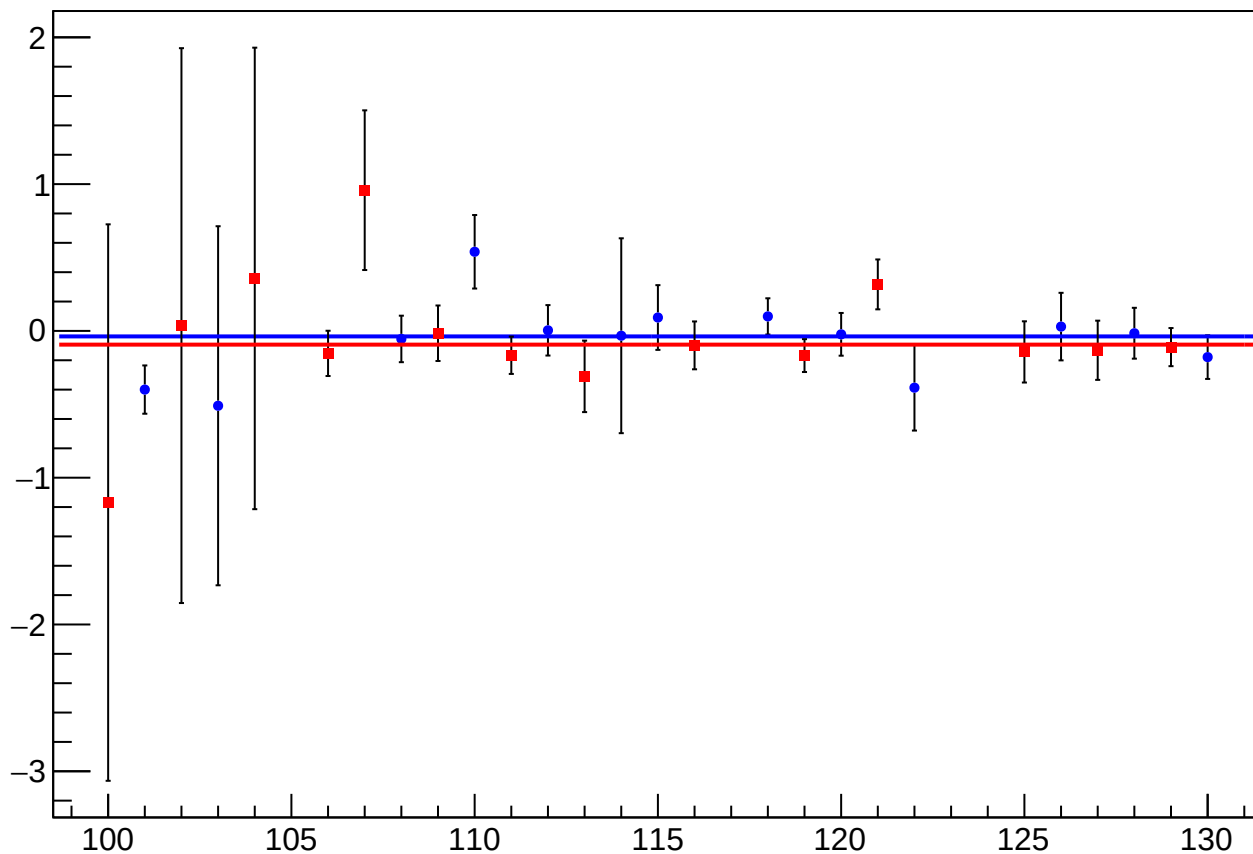
Right: 99.517+/-0.025 χ^2/NDF : 3628850.3/26

In: 104.765+/-0.037 χ^2/NDF :1355521.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 99.517+/-0.025 χ^2/NDF : 3628850.3/26

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.037 ± 0.052 χ^2/NDF : 14.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.094 ± 0.049 χ^2/NDF : 12.0/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

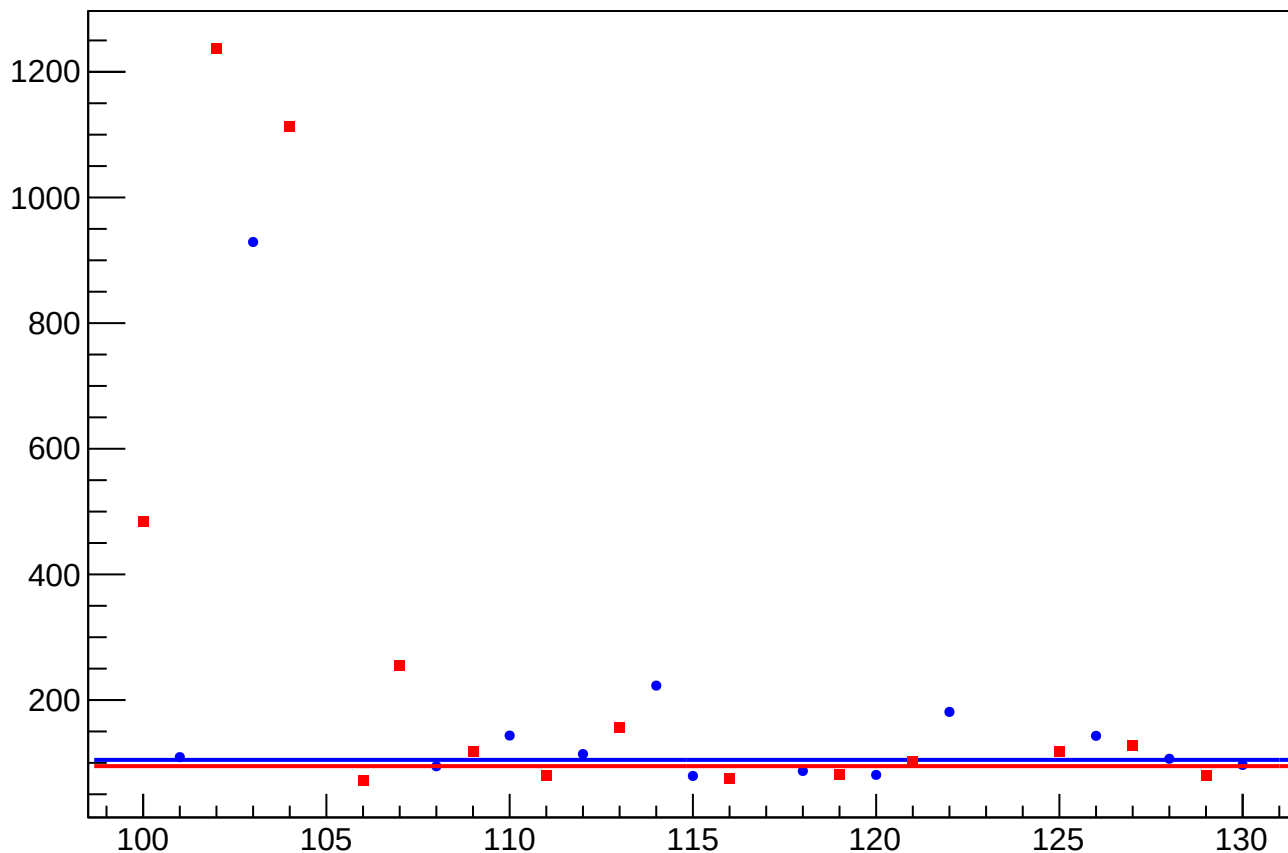
Right: -0.067 ± 0.036 χ^2/NDF : 27.0/26

In: -0.037 ± 0.052 χ^2/NDF : 14.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.067 ± 0.036 χ^2/NDF : 27.0/26

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 104.765+/-0.037 χ^2/NDF : 1355521.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 94.776+/-0.035 χ^2/NDF : 2234306.7/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

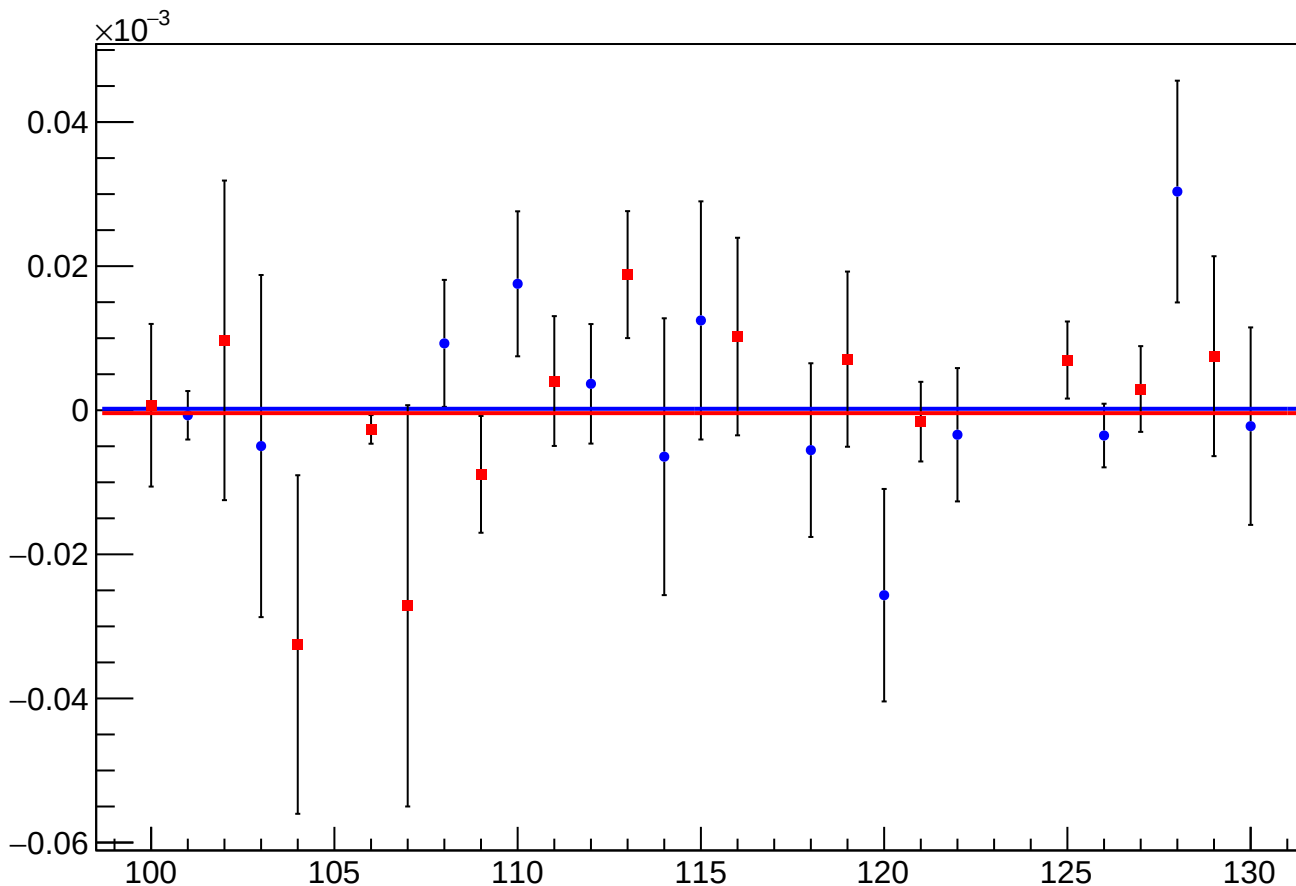
Right: 99.517+/-0.025 χ^2/NDF : 3628850.3/26

In: 104.765+/-0.037 χ^2/NDF :1355521.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 99.517+/-0.025 χ^2/NDF : 3628850.3/26

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

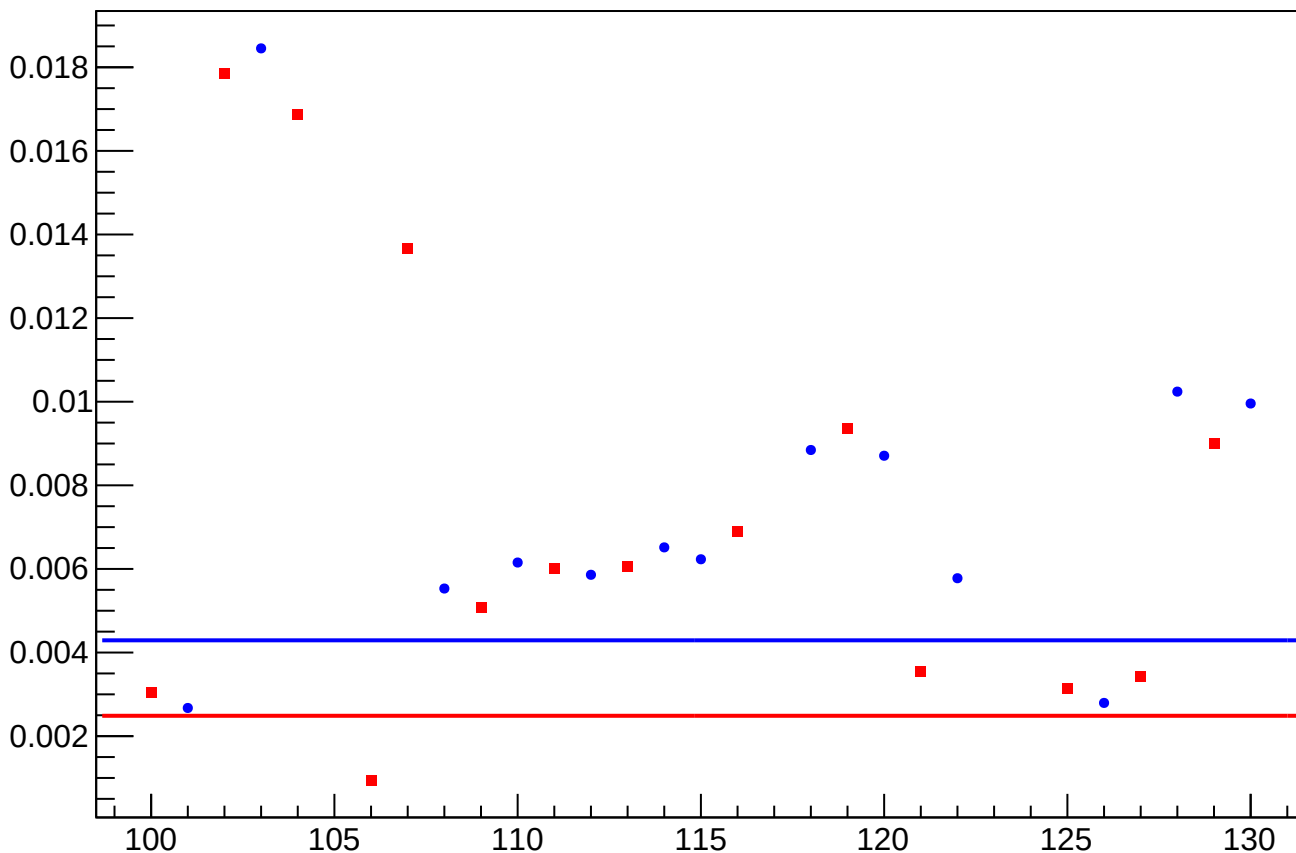
Right: -0.000+/-0.000 χ^2/NDF : 27.1/26

In: 0.000+/-0.000 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.1/26

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 2793786.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 5543828.1/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

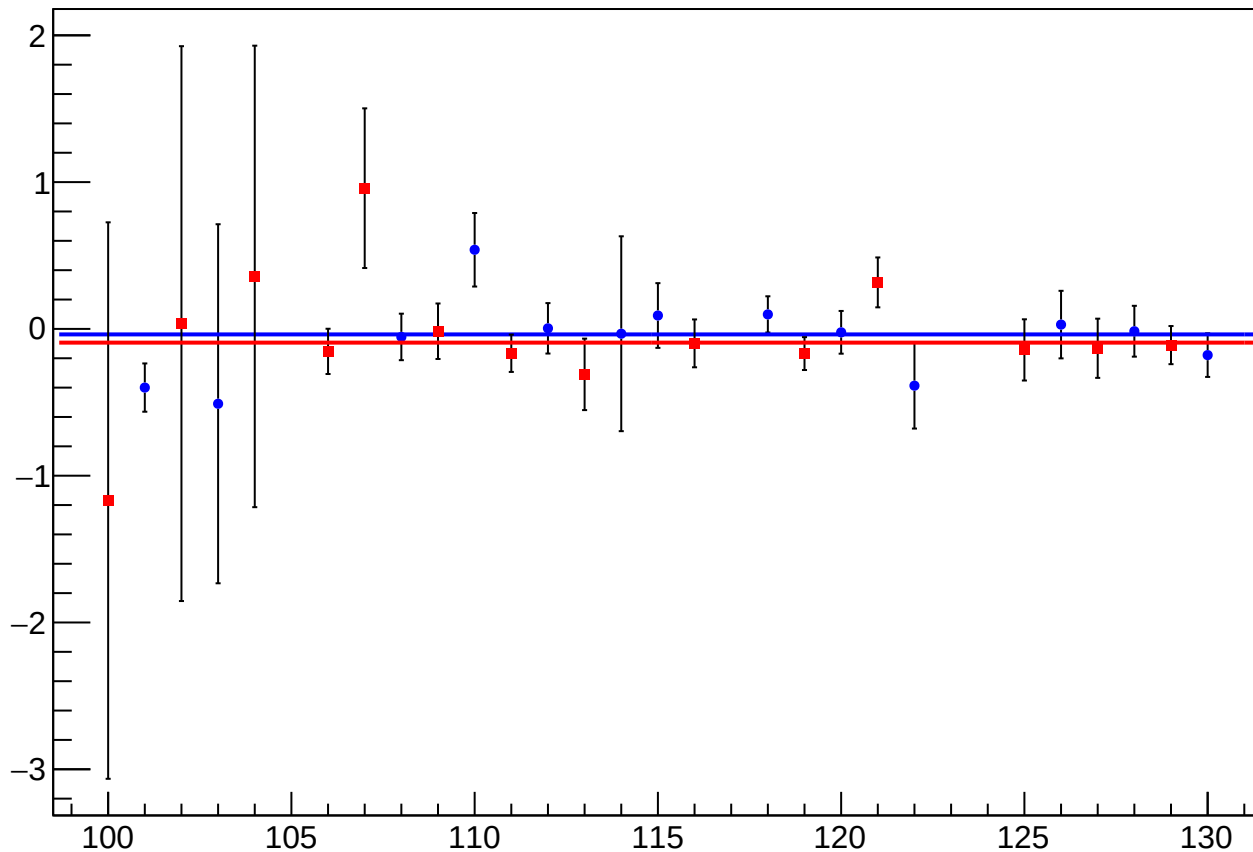
Right: 0.003+/-0.000 χ^2/NDF : 9271697.4/26

In: 0.004+/-0.000 χ^2/NDF :2793786.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 9271697.4/26

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.037 ± 0.052 χ^2/NDF : 14.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.094 ± 0.049 χ^2/NDF : 12.0/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

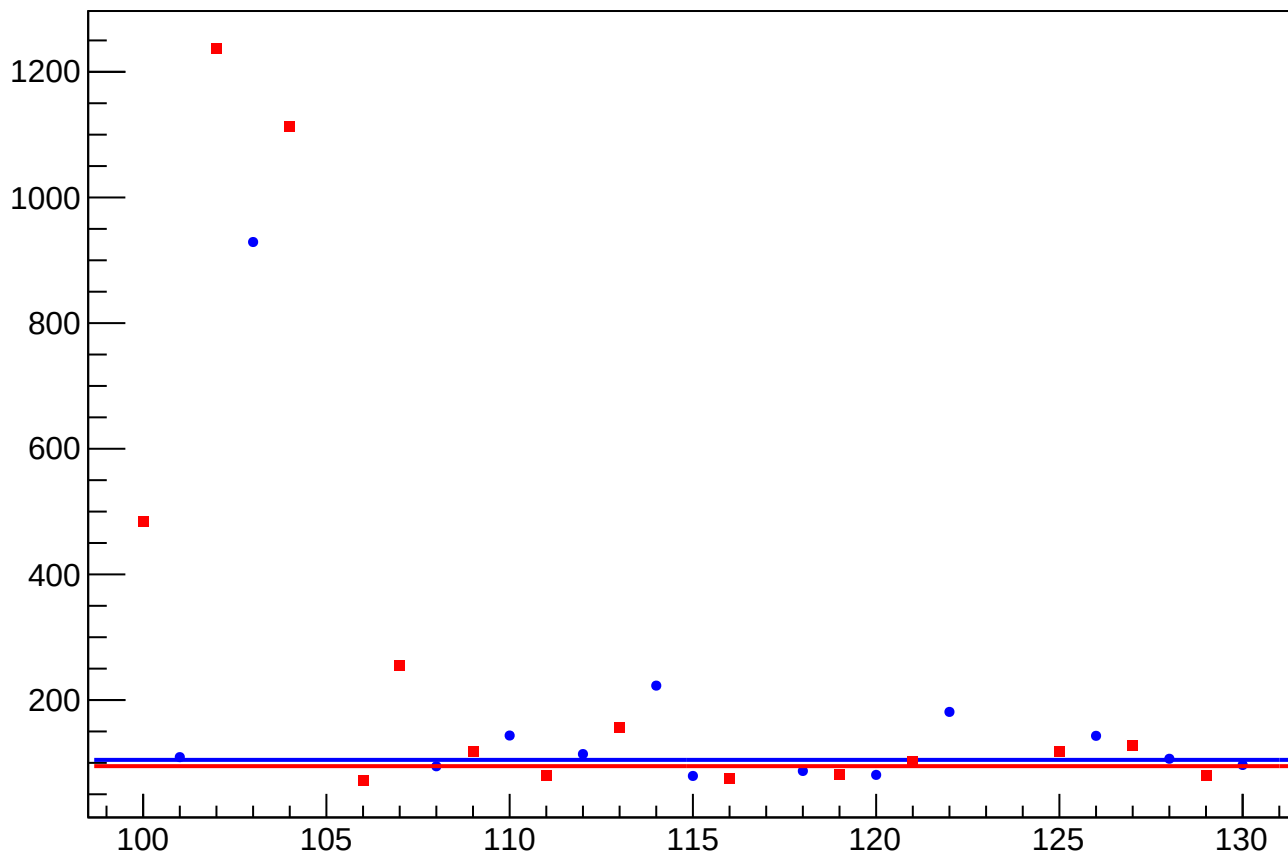
Right: -0.067 ± 0.036 χ^2/NDF : 27.0/26

In: -0.037 ± 0.052 χ^2/NDF : 14.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.067 ± 0.036 χ^2/NDF : 27.0/26

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 104.762+/-0.037 χ^2/NDF : 1355543.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 94.774+/-0.035 χ^2/NDF : 2234296.3/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

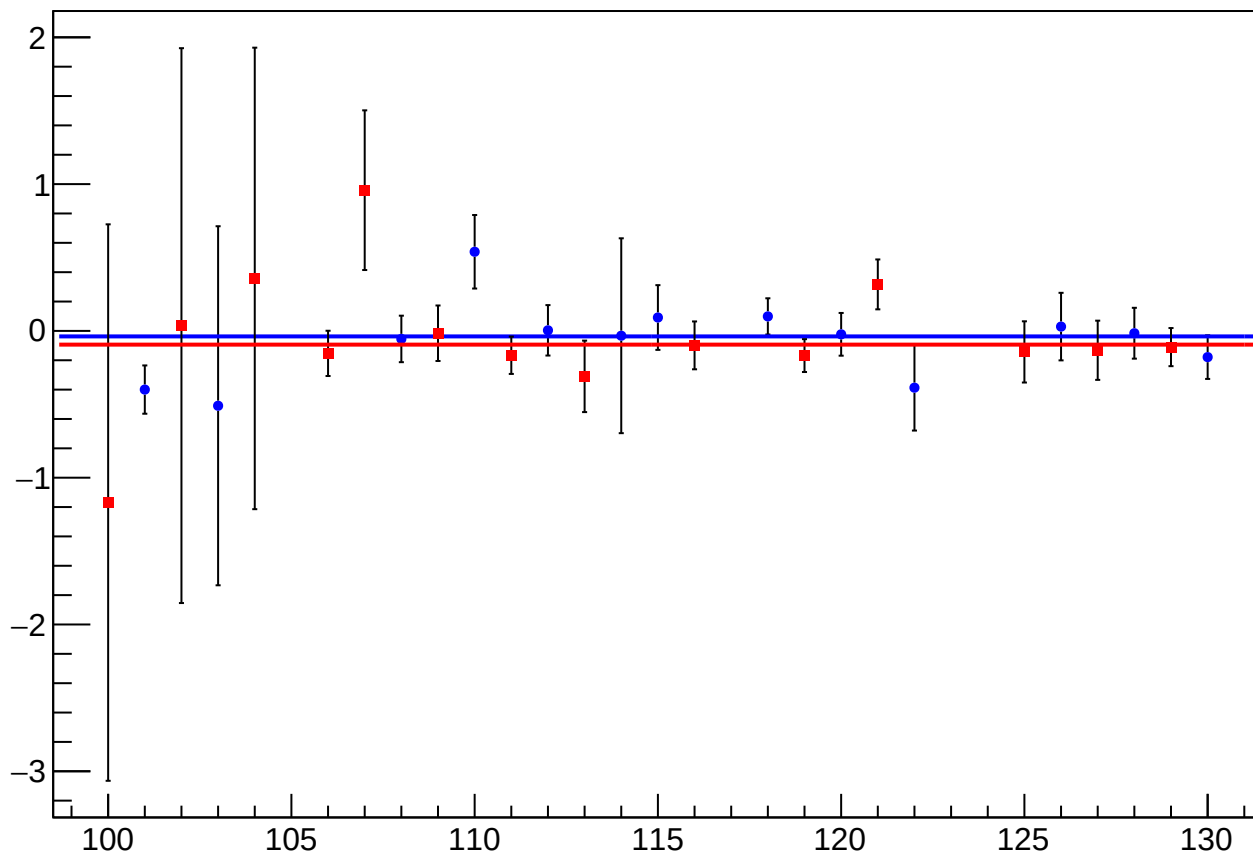
Right: 99.515+/-0.025 χ^2/NDF : 3628853.5/26

In: 104.762+/-0.037 χ^2/NDF :1355543.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 99.515+/-0.025 χ^2/NDF : 3628853.5/26

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.037 ± 0.052 χ^2/NDF : 14.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.094 ± 0.049 χ^2/NDF : 12.0/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

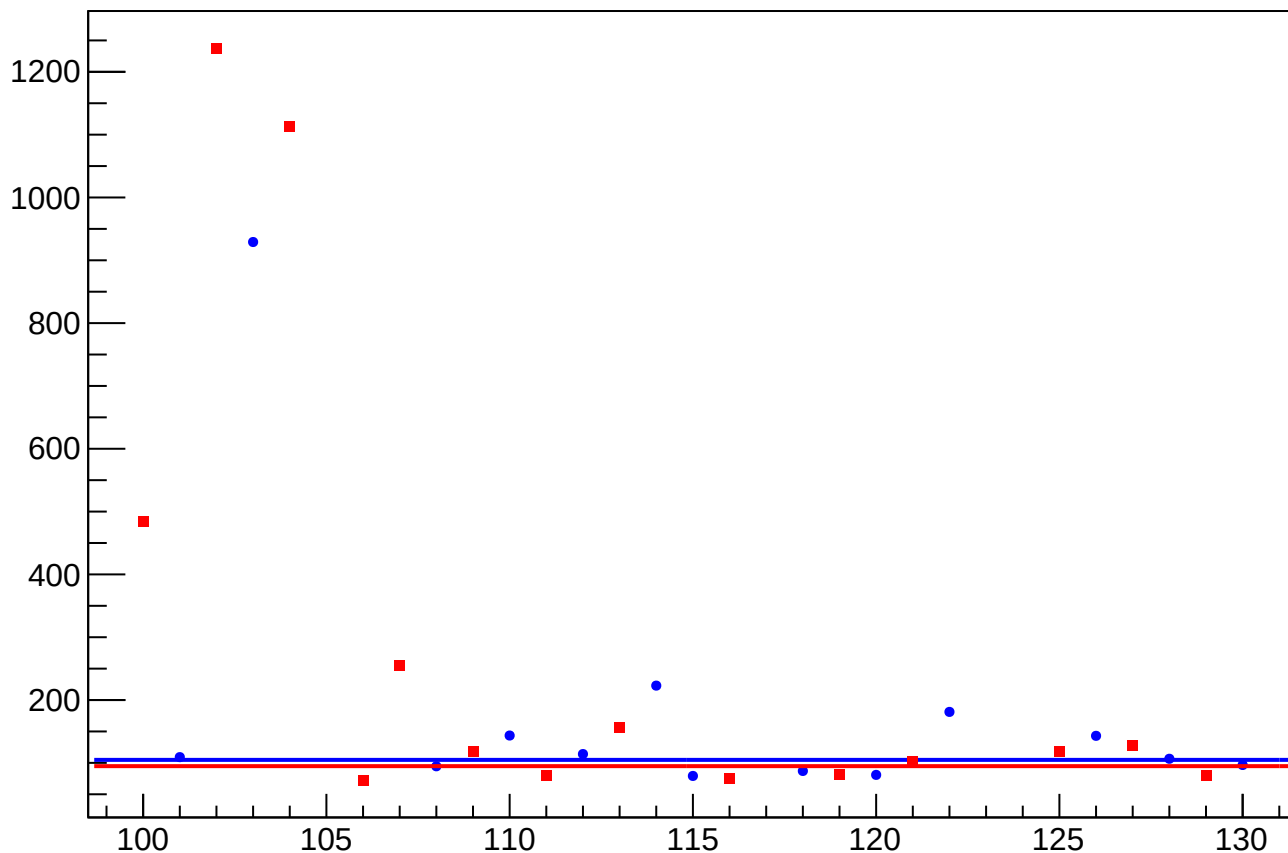
Right: -0.067 ± 0.036 χ^2/NDF : 27.0/26

In: -0.037 ± 0.052 χ^2/NDF : 14.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.067 ± 0.036 χ^2/NDF : 27.0/26

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 104.762 $\pm$ 0.037 χ^2 /NDF: 1355543.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 94.774 $\pm$ 0.035 χ^2 /NDF: 2234296.3/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

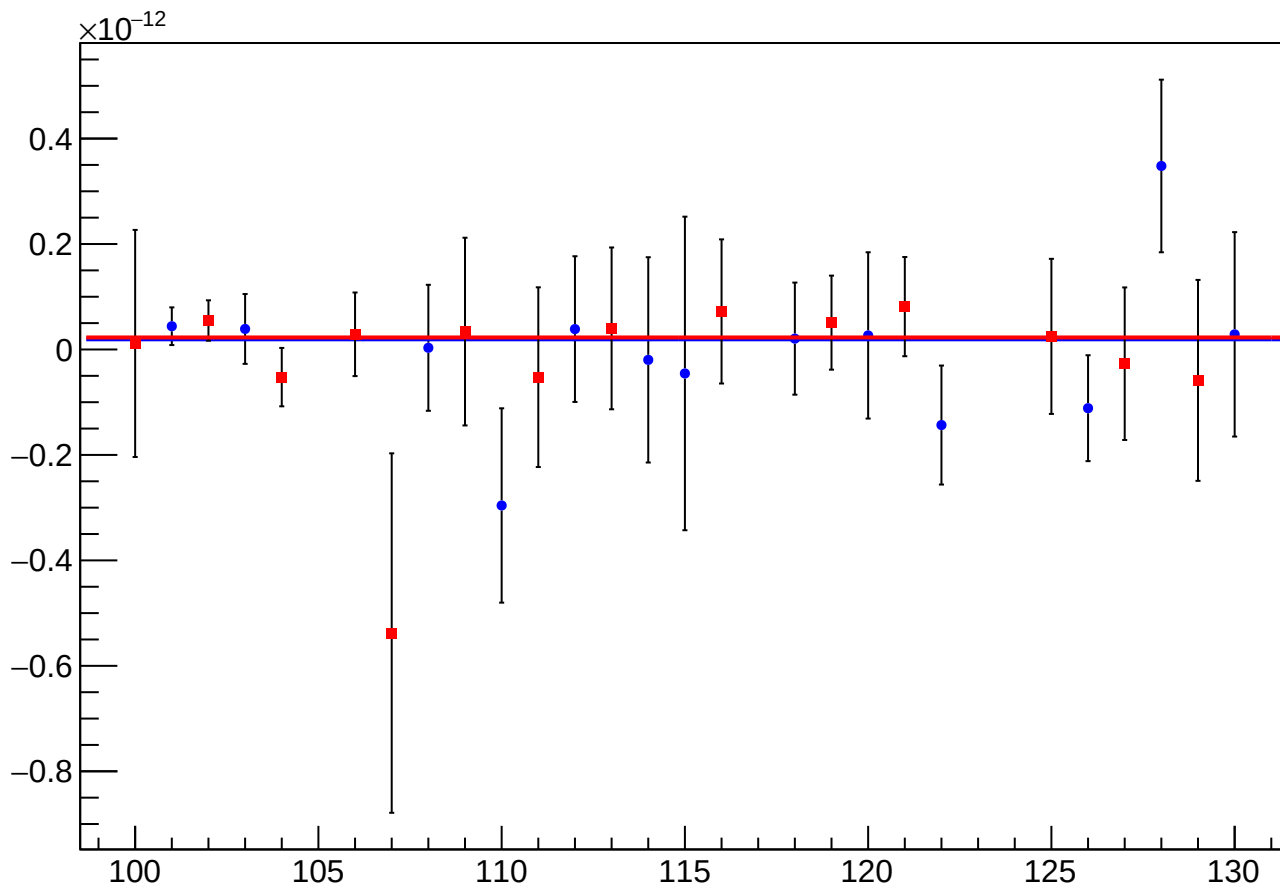
Right: 99.515 $\pm$ 0.025 χ^2 /NDF: 3628853.5/26

In: 104.762 $\pm$ 0.037 χ^2 /NDF:1355543.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 99.515 $\pm$ 0.025 χ^2 /NDF: 3628853.5/26

asym_us_avg_at1lr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

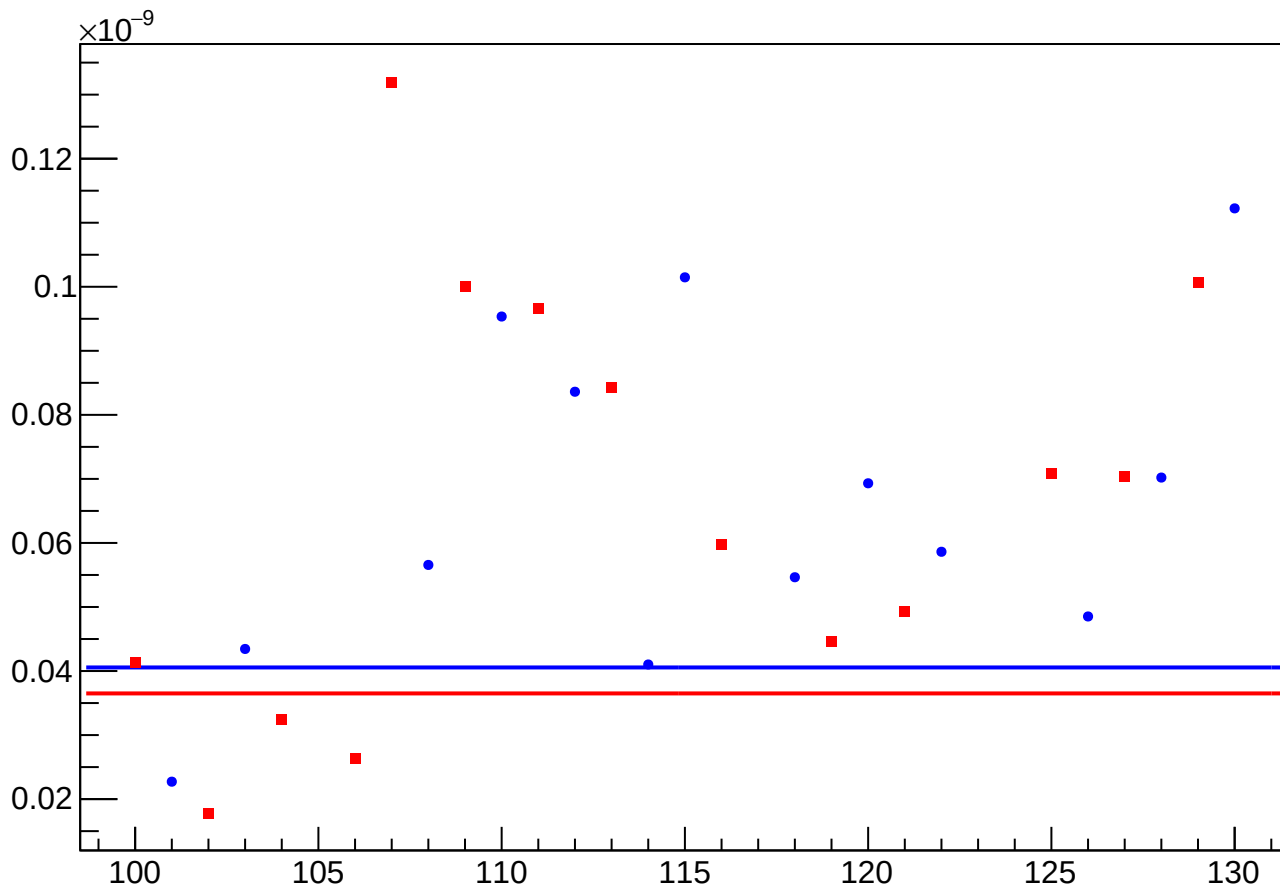
Right: 0.000+/-0.000 χ^2/NDF : 17.8/26

In: 0.000+/-0.000 χ^2/NDF : 11.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.8/26

asym_us_avg_at1lr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1497742.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1935780.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

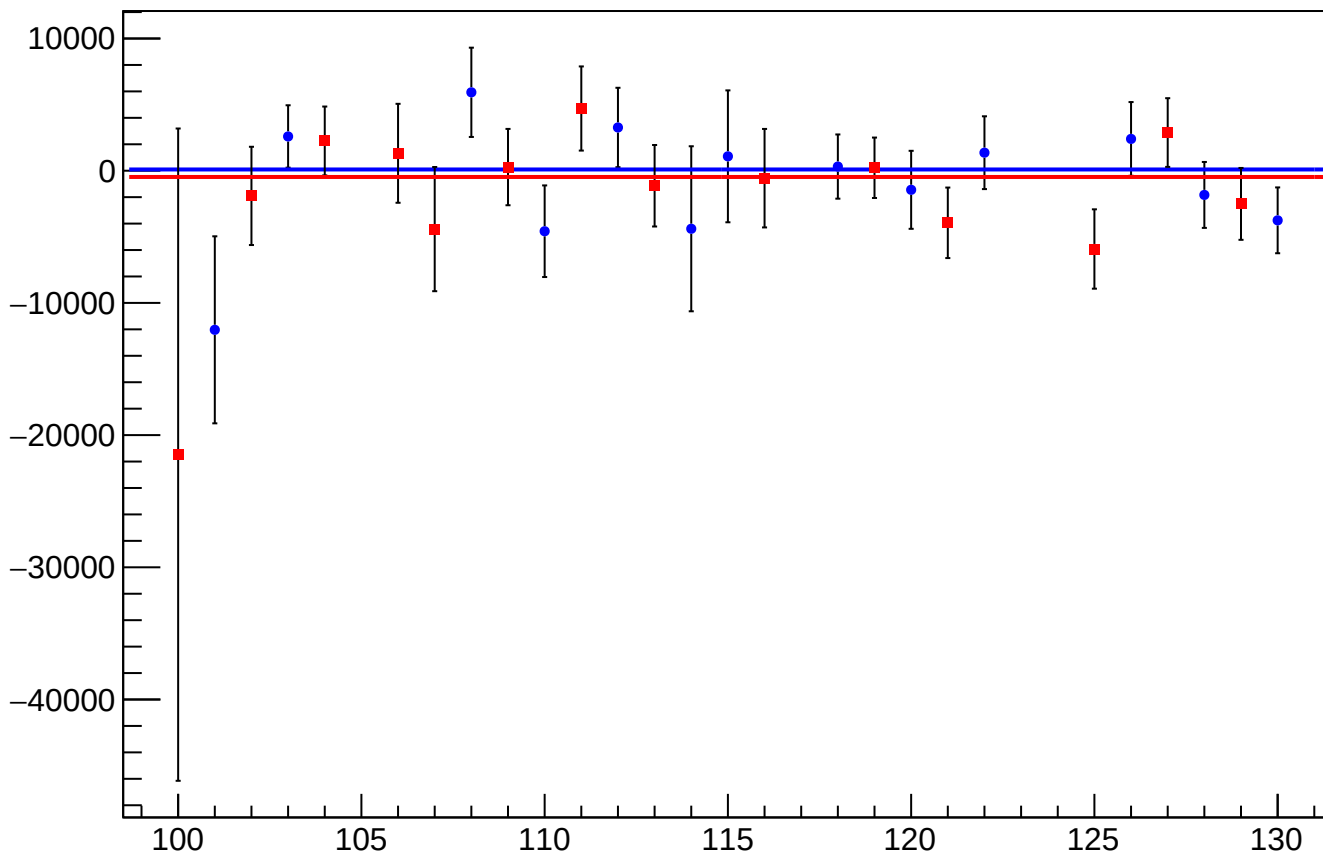
Right: 0.000+/-0.000 χ^2/NDF : 3460526.2/26

In: 0.000+/-0.000 χ^2/NDF : 1497742.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3460526.2/26

reg_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 94.455+/-840.839 χ^2/NDF : 14.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -473.249+/-827.394 χ^2/NDF : 13.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

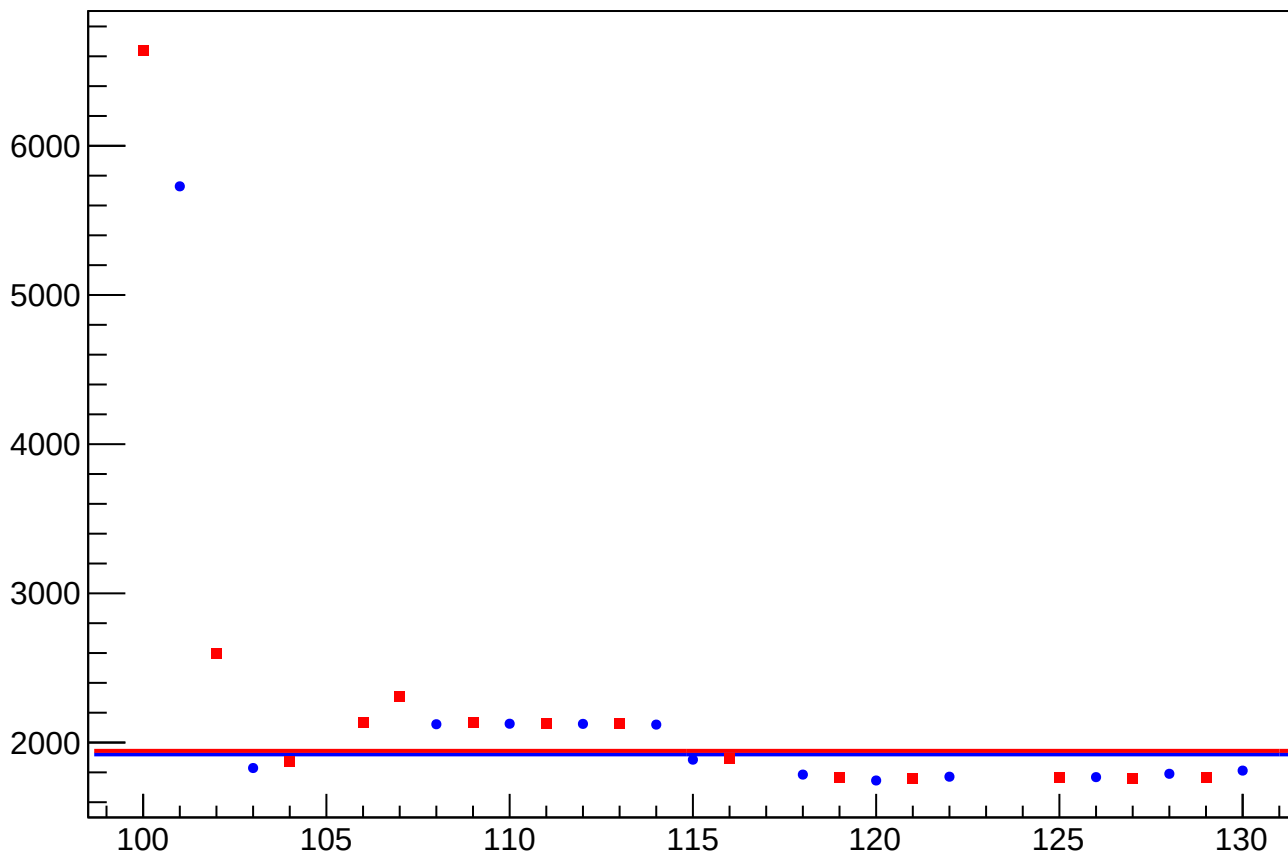
Right: -193.971+/-589.752 χ^2/NDF : 27.9/26

In: 94.455+/-840.839 χ^2/NDF : 14.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -193.971+/-589.752 χ^2/NDF : 27.9/26

reg_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1920.616+/-0.595 χ^2/NDF : 642477.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1944.282+/-0.585 χ^2/NDF : 223150.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

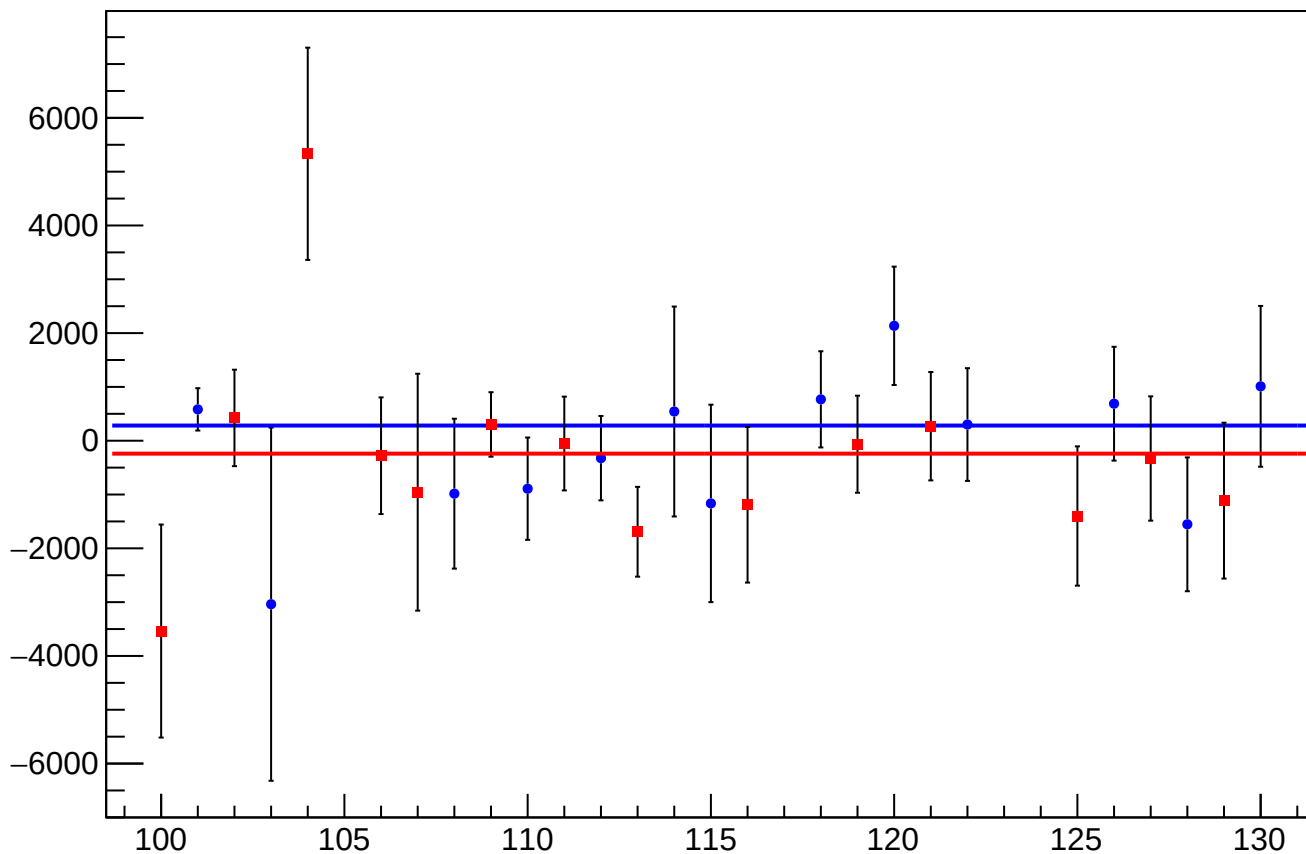
Right: 1932.640+/-0.417 χ^2/NDF : 866432.6/26

In: 1920.616+/-0.595 χ^2/NDF : 642477.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1932.640+/-0.417 χ^2/NDF : 866432.6/26

asym_us_avg_at1lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 281.925+/-255.335 χ^2/NDF : 10.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -240.293+/-278.771 χ^2/NDF : 17.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

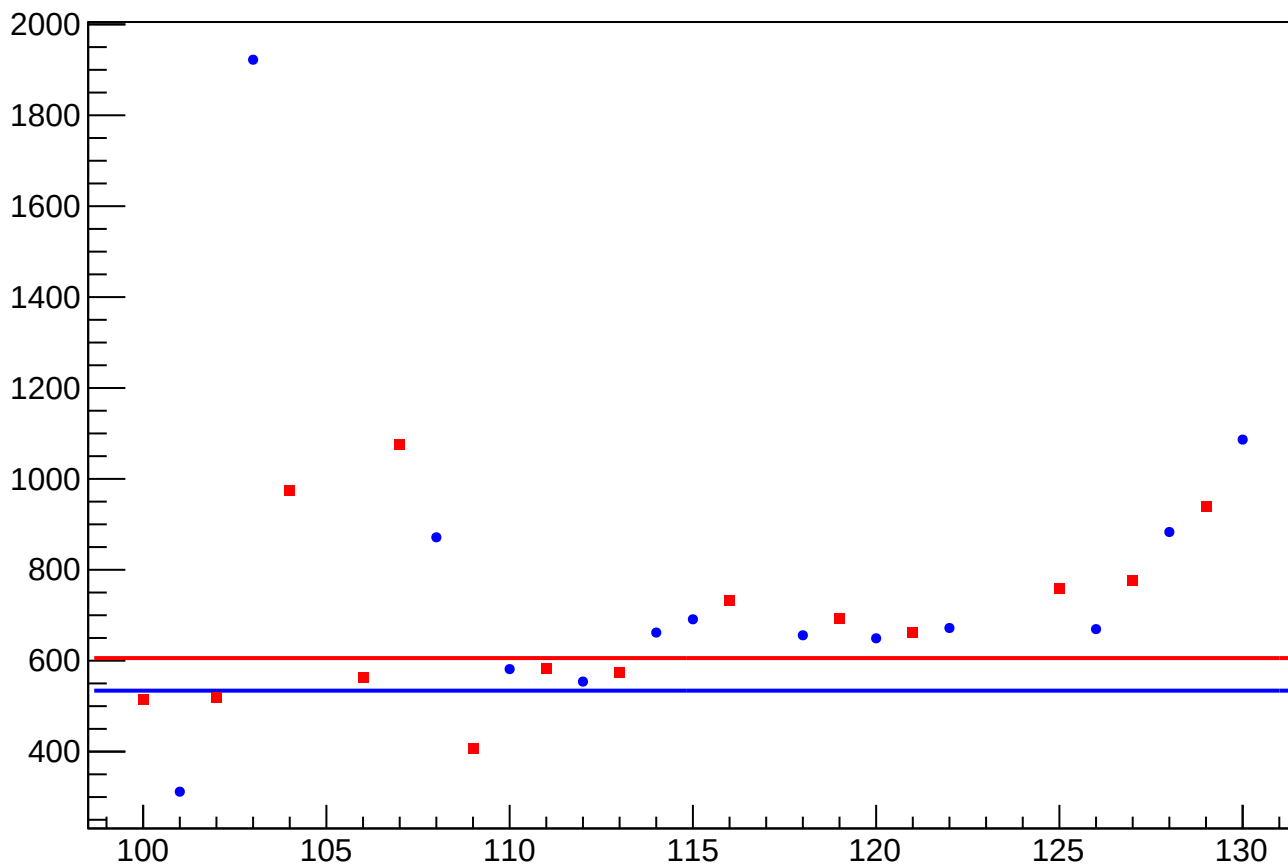
Right: 43.686+/-188.290 χ^2/NDF : 30.0/26

In: 281.925+/-255.335 χ^2/NDF : 10.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.686+/-188.290 χ^2/NDF : 30.0/26

asym_us_avg_at1lr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 534.105+/-0.181 χ^2/NDF : 1700197.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 605.770+/-0.197 χ^2/NDF : 629606.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

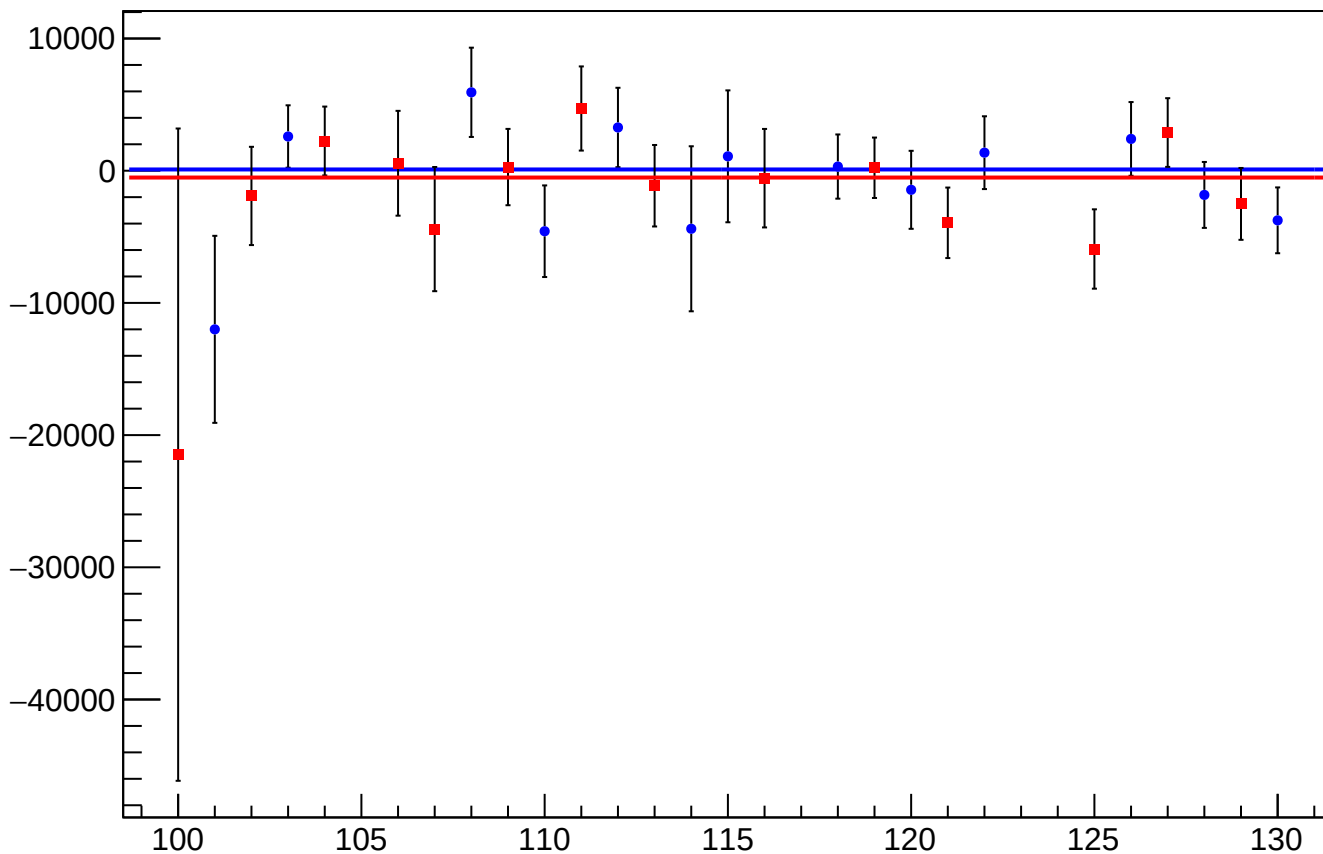
Right: 566.799+/-0.133 χ^2/NDF : 2401679.9/26

In: 534.105+/-0.181 χ^2/NDF : 1700197.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 566.799+/-0.133 χ^2/NDF : 2401679.9/26

cor_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 94.664+/-840.839 χ^2/NDF : 14.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -516.171+/-829.606 χ^2/NDF : 12.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

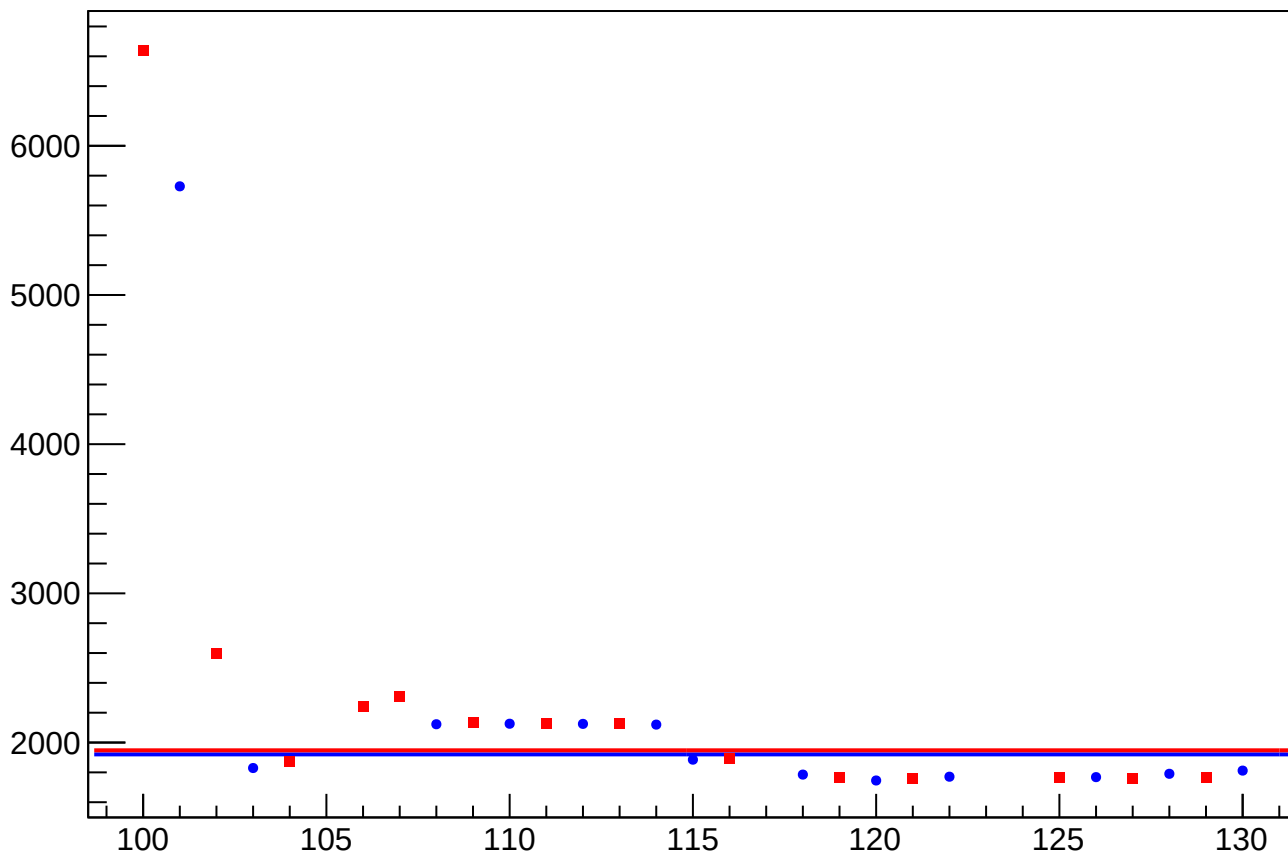
Right: -214.861+/-590.551 χ^2/NDF : 27.8/26

In: 94.664+/-840.839 χ^2/NDF : 14.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -214.861+/-590.551 χ^2/NDF : 27.8/26

cor_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1920.616+/-0.595 χ^2/NDF : 642477.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1947.856+/-0.587 χ^2/NDF : 229084.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

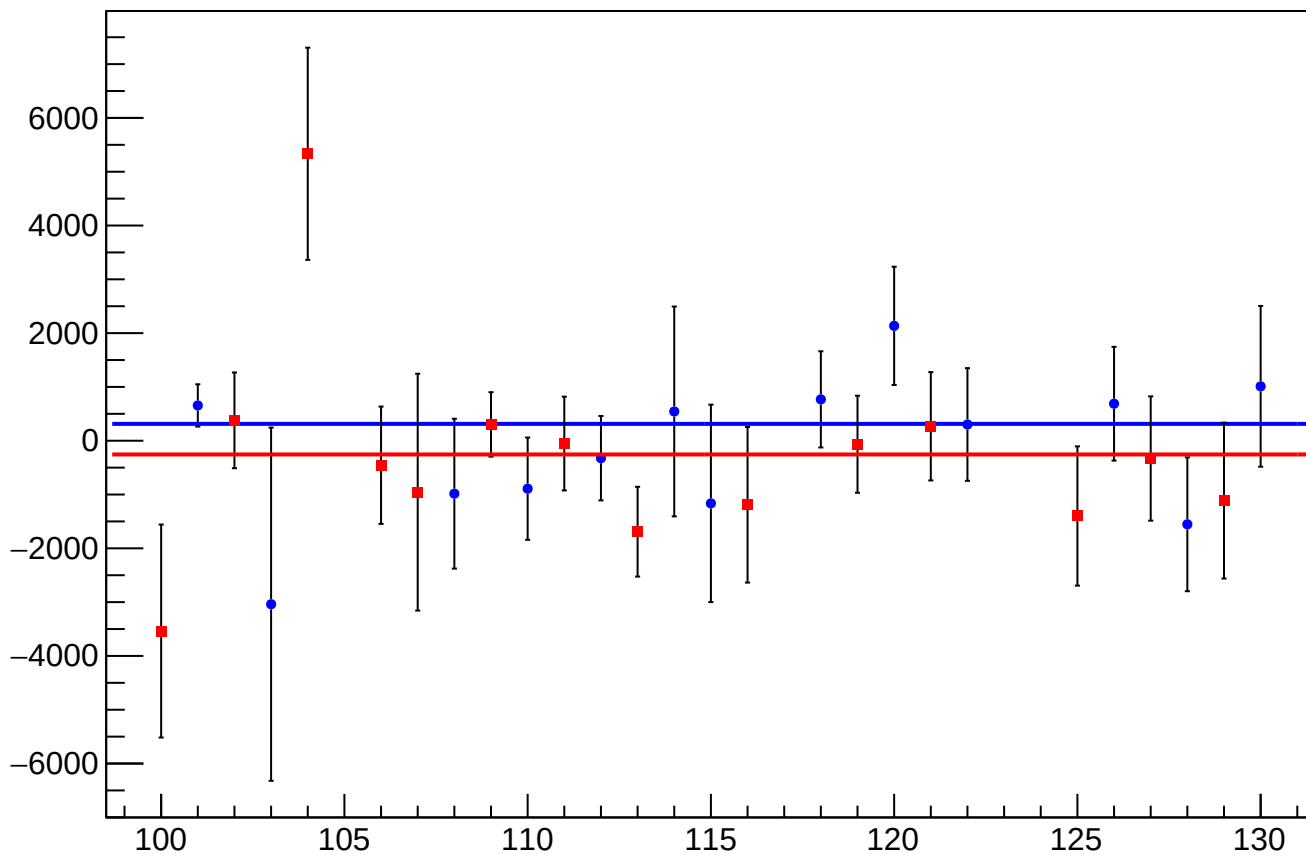
Right: 1934.419+/-0.418 χ^2/NDF : 872625.3/26

In: 1920.616+/-0.595 χ^2/NDF : 642477.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1934.419+/-0.418 χ^2/NDF : 872625.3/26

asym_us_avg_at1lr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 313.268+/-255.214 χ^2/NDF : 11.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -255.052+/-278.679 χ^2/NDF : 17.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

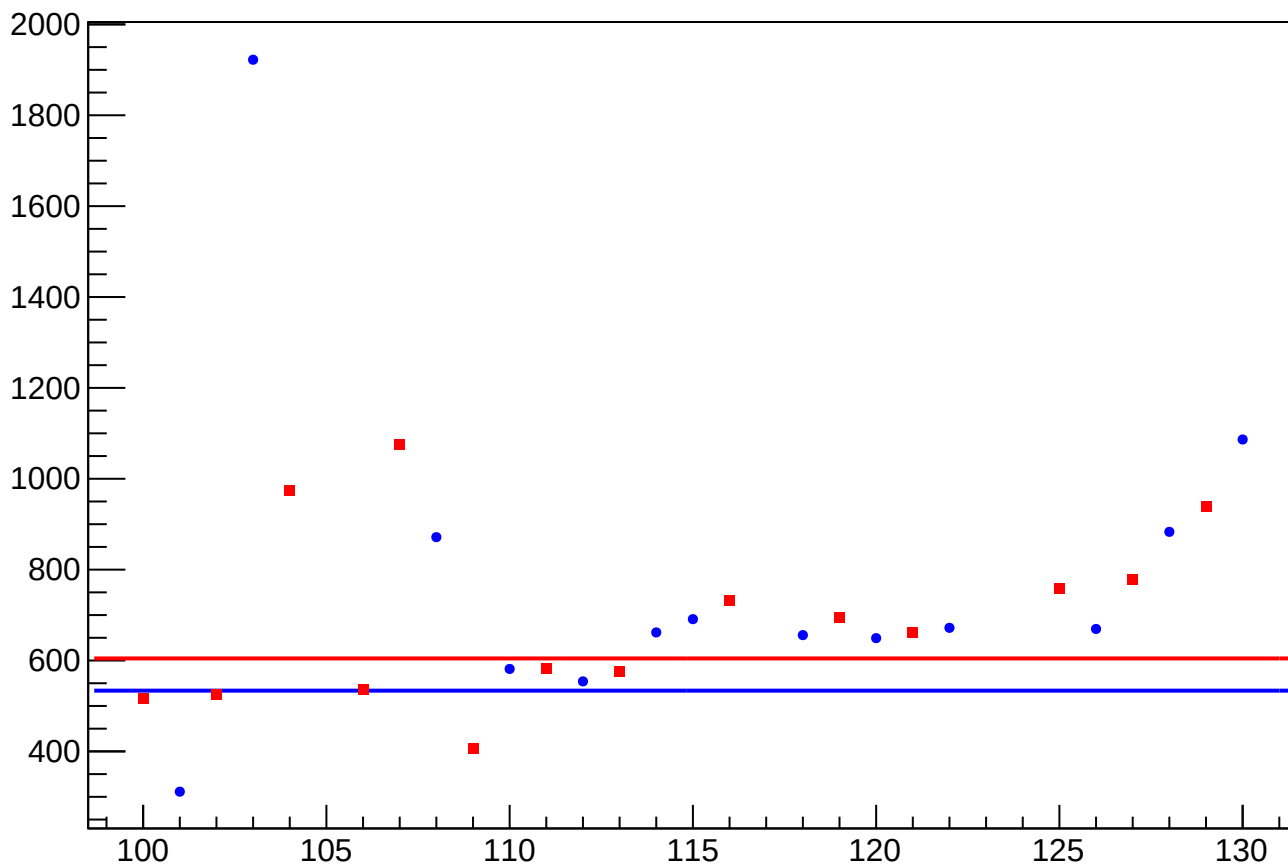
Right: 54.038+/-188.213 χ^2/NDF : 30.6/26

In: 313.268+/-255.214 χ^2/NDF : 11.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.038+/-188.213 χ^2/NDF : 30.6/26

asym_us_avg_at1lr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 533.683+/-0.180 χ^2/NDF : 1704405.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 604.577+/-0.197 χ^2/NDF : 631927.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

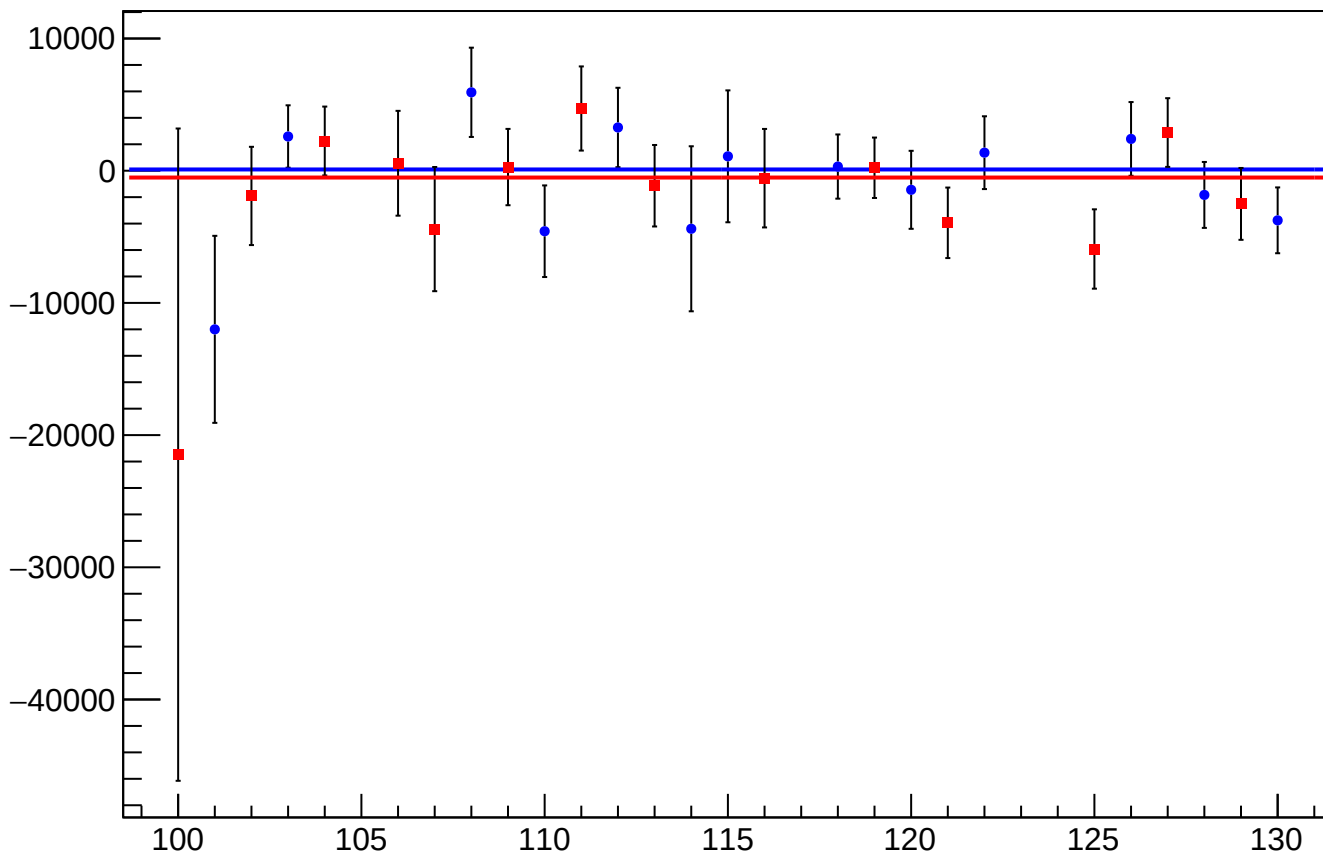
Right: 566.021+/-0.133 χ^2/NDF : 2406726.5/26

In: 533.683+/-0.180 χ^2/NDF : 1704405.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 566.021+/-0.133 χ^2/NDF : 2406726.5/26

eigen_cor_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 94.664+/-840.839 χ^2/NDF : 14.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -516.171+/-829.606 χ^2/NDF : 12.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

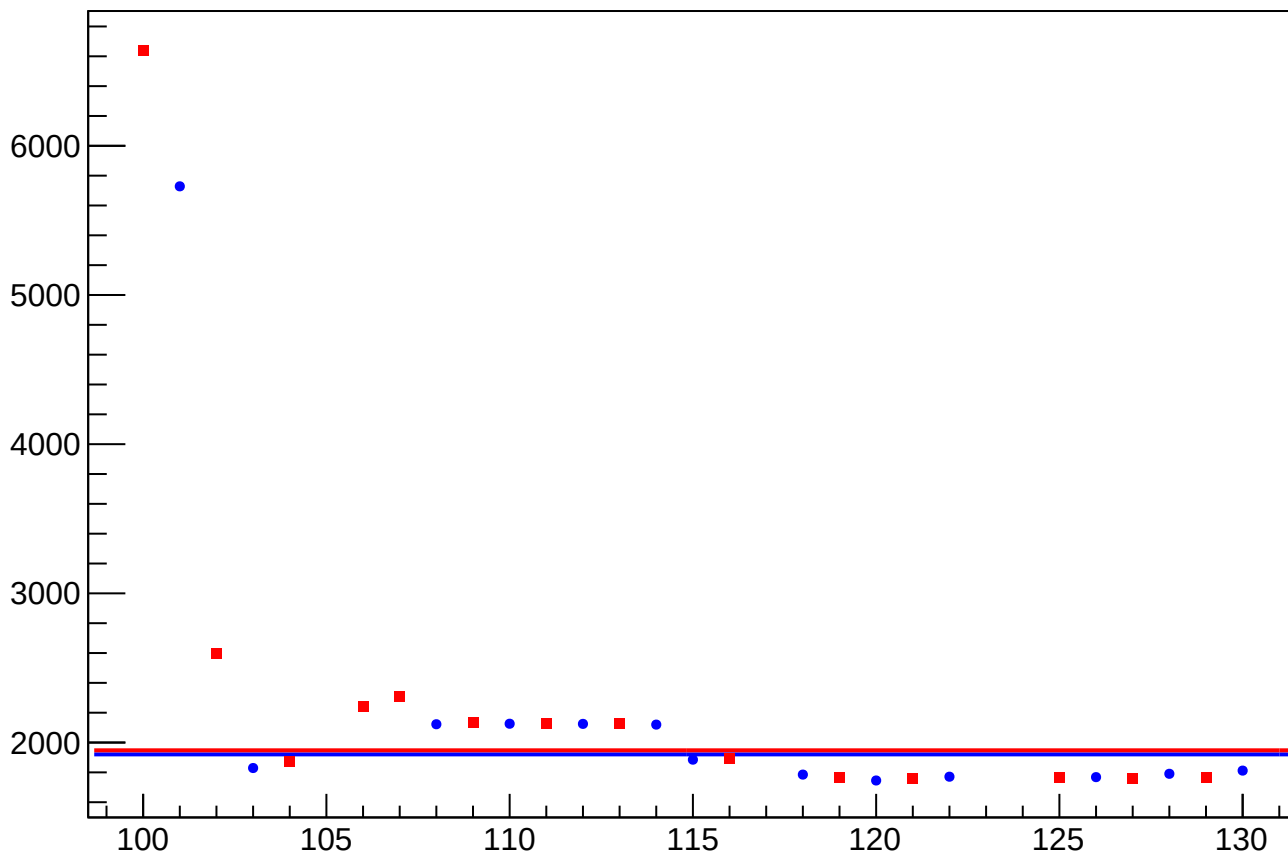
Right: -214.861+/-590.551 χ^2/NDF : 27.8/26

In: 94.664+/-840.839 χ^2/NDF : 14.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -214.861+/-590.551 χ^2/NDF : 27.8/26

eigen_cor_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1920.616+/-0.595 χ^2/NDF : 642477.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1947.856+/-0.587 χ^2/NDF : 229084.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

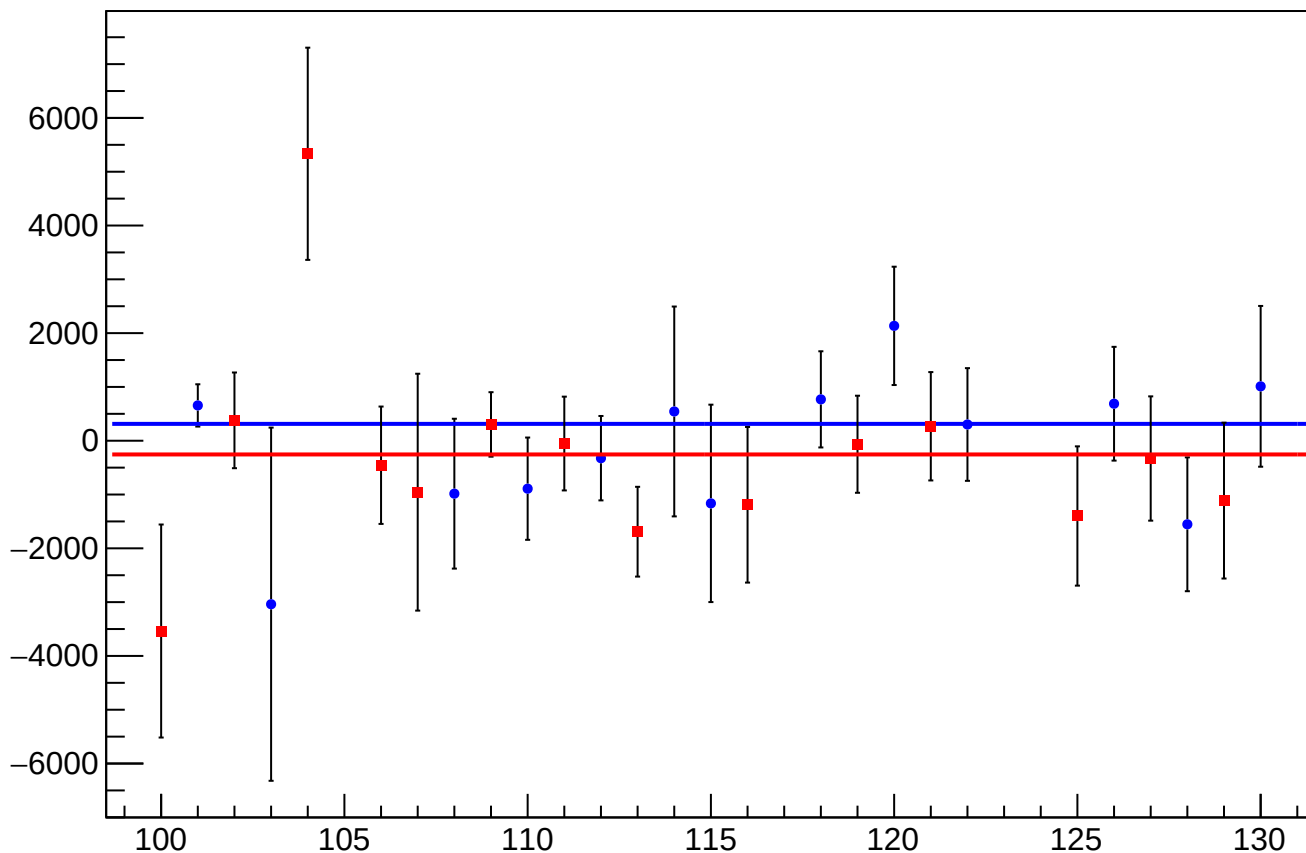
Right: 1934.419+/-0.418 χ^2/NDF : 872625.3/26

In: 1920.616+/-0.595 χ^2/NDF : 642477.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1934.419+/-0.418 χ^2/NDF : 872625.3/26

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 313.268+/-255.214 χ^2/NDF : 11.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -255.052+/-278.679 χ^2/NDF : 17.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

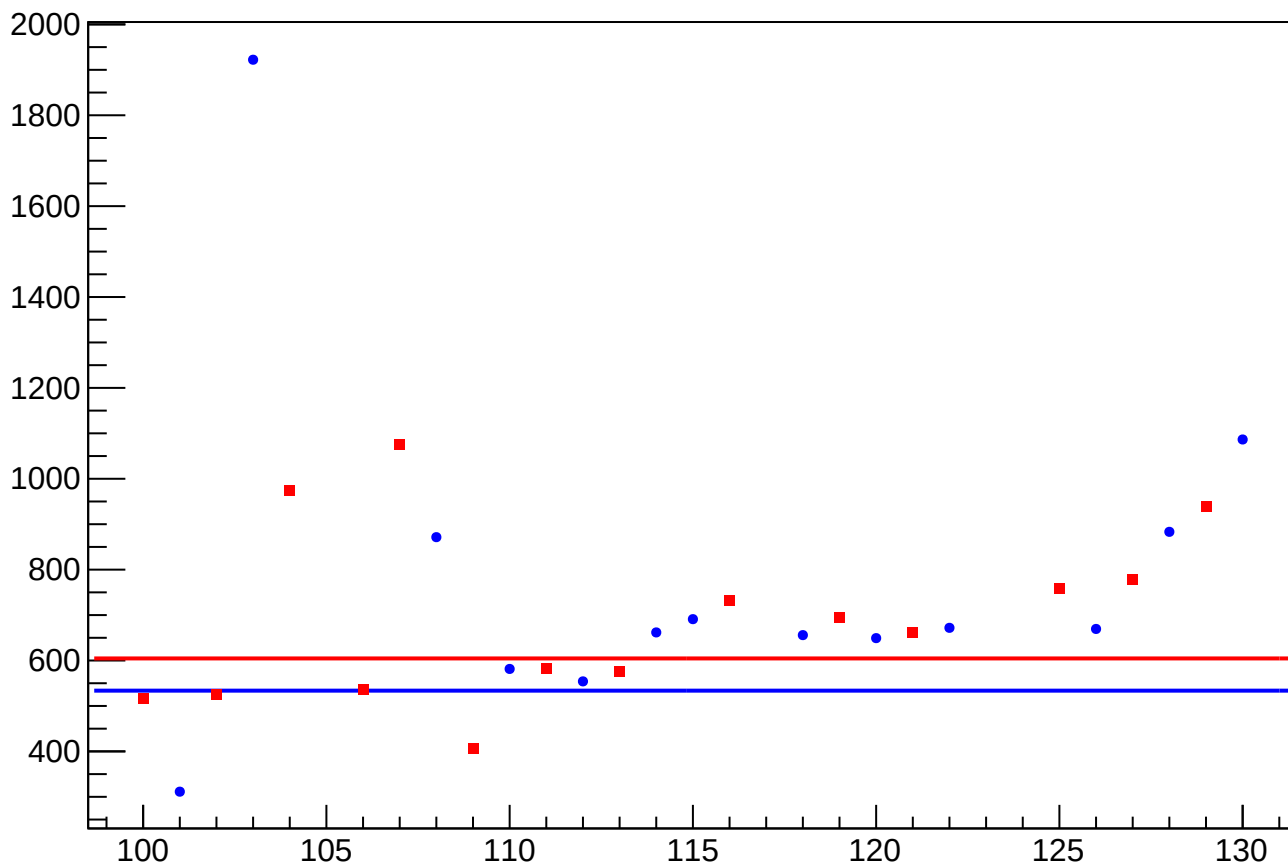
Right: 54.038+/-188.213 χ^2/NDF : 30.6/26

In: 313.268+/-255.214 χ^2/NDF : 11.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.038+/-188.213 χ^2/NDF : 30.6/26

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 533.683+/-0.180 χ^2/NDF : 1704405.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 604.577+/-0.197 χ^2/NDF : 631927.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

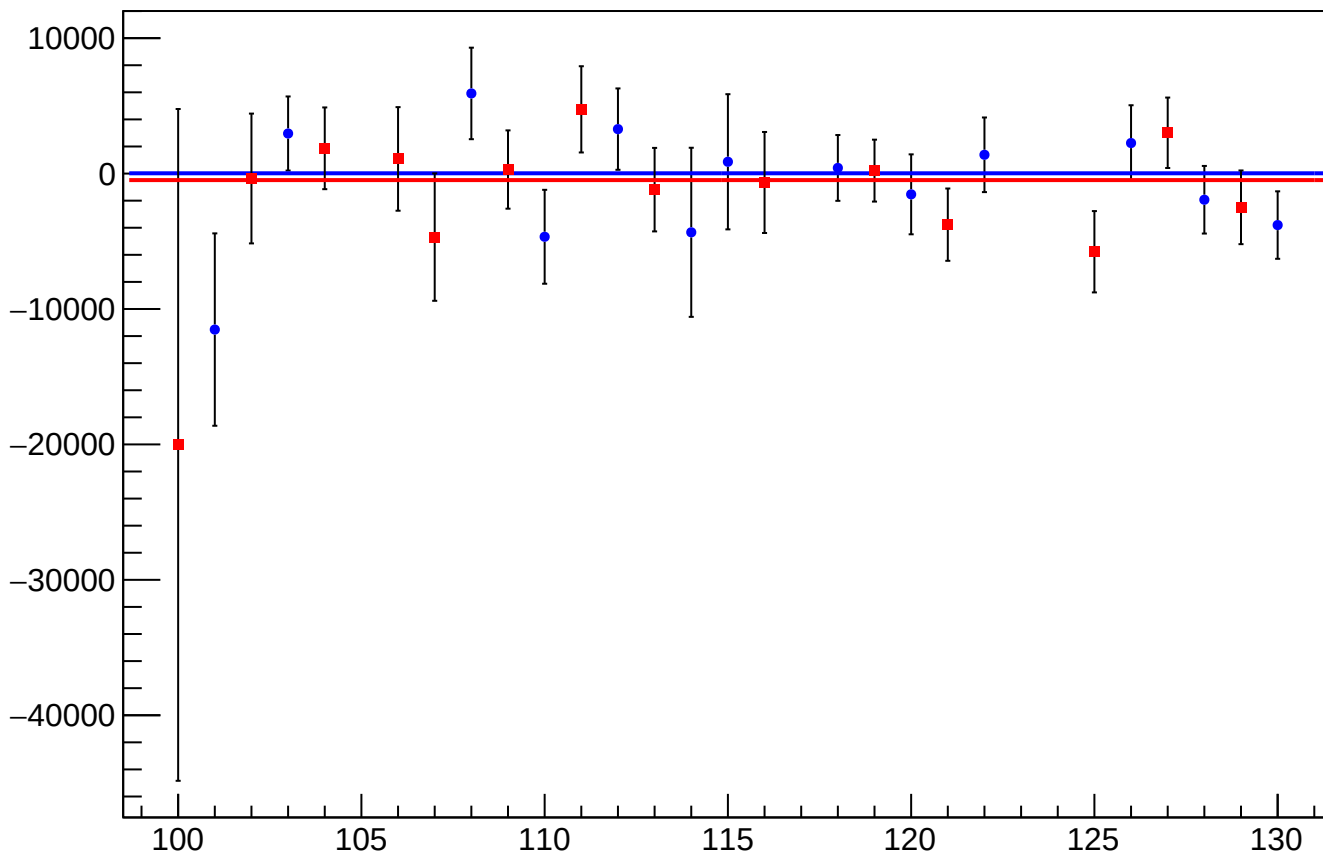
Right: 566.021+/-0.133 χ^2/NDF : 2406726.5/26

In: 533.683+/-0.180 χ^2/NDF : 1704405.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 566.021+/-0.133 χ^2/NDF : 2406726.5/26

dit_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 21.287+/-855.407 χ^2/NDF : 14.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -481.454+/-848.381 χ^2/NDF : 12.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

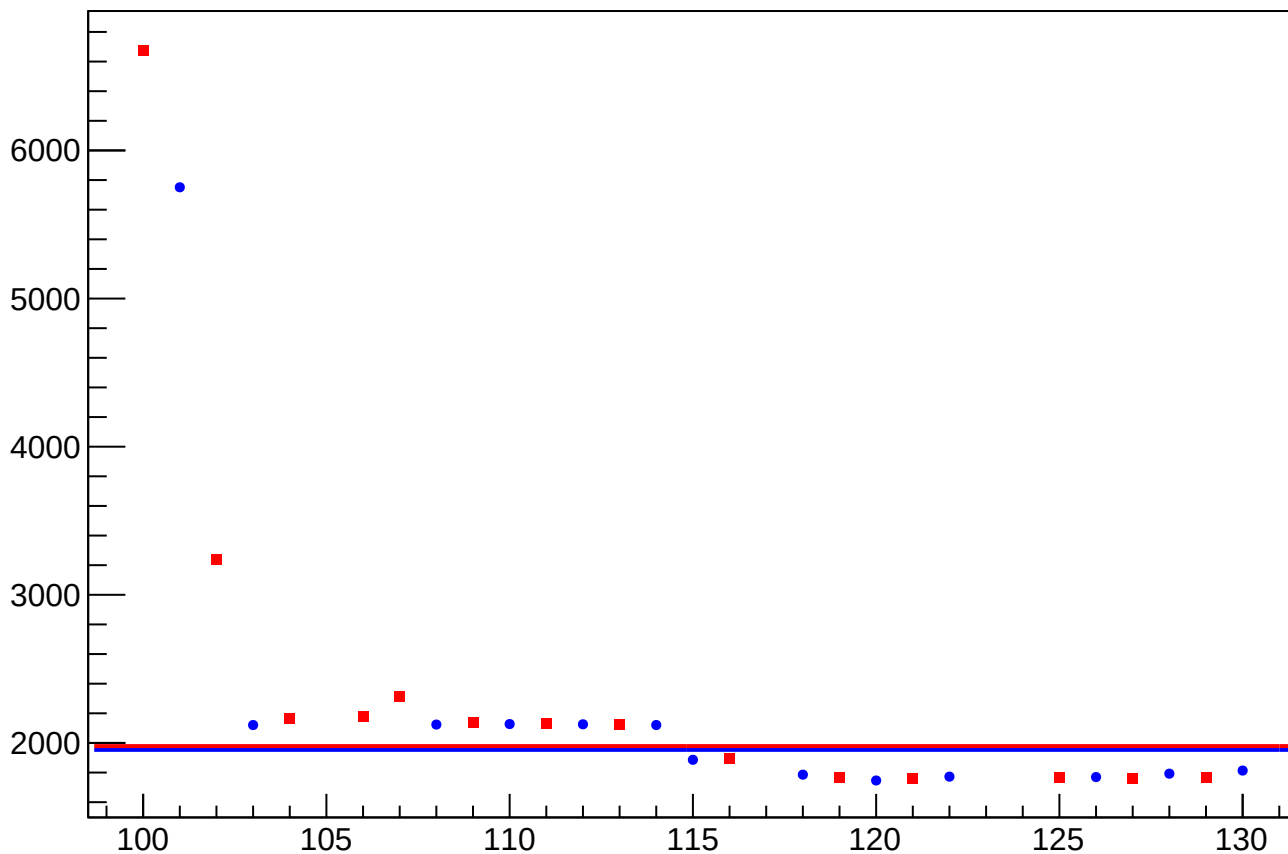
Right: -232.156+/-602.365 χ^2/NDF : 26.8/26

In: 21.287+/-855.407 χ^2/NDF : 14.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -232.156+/-602.365 χ^2/NDF : 26.8/26

dit_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1953.290+/-0.605 χ^2/NDF : 649011.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1978.617+/-0.600 χ^2/NDF : 315439.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

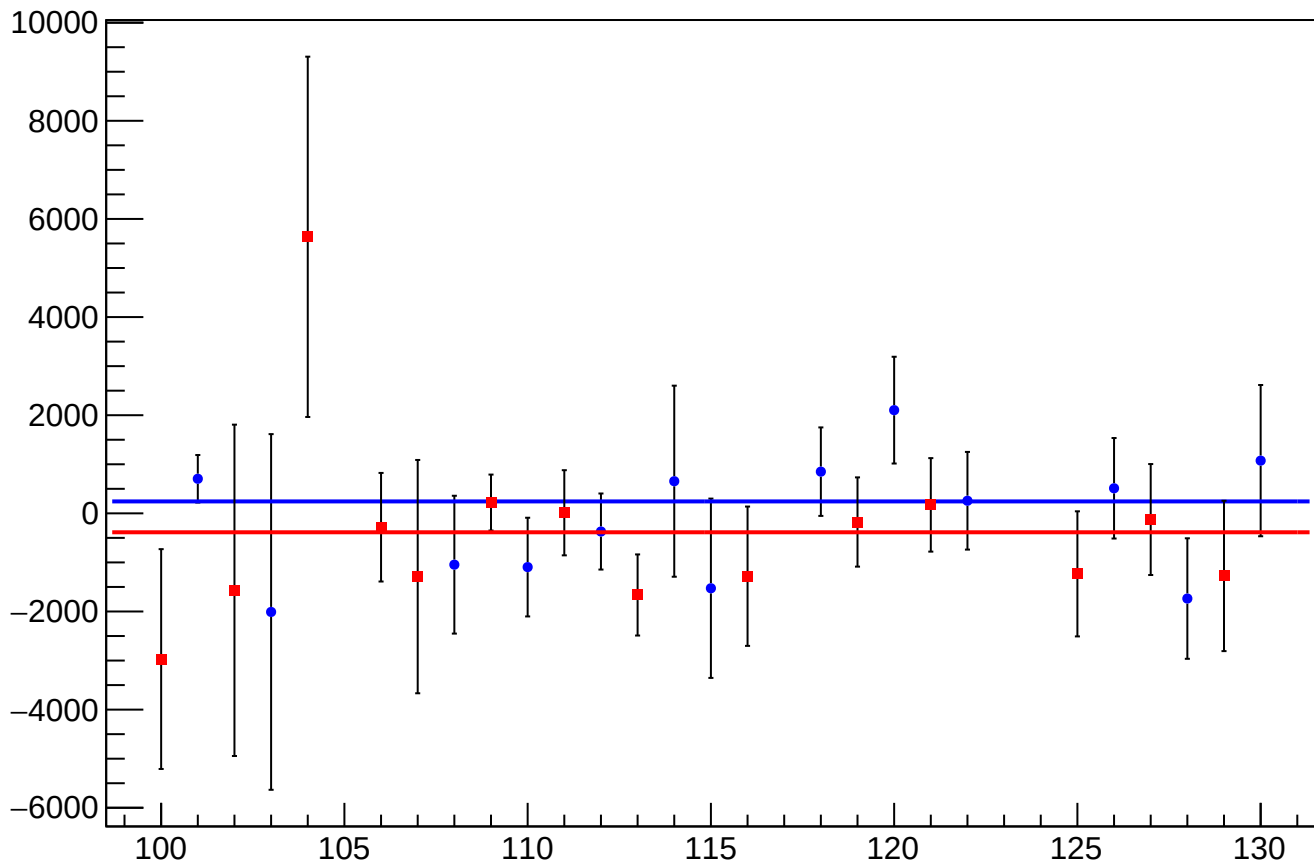
Right: 1966.058+/-0.426 χ^2/NDF : 965334.8/26

In: 1953.290+/-0.605 χ^2/NDF : 649011.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1966.058+/-0.426 χ^2/NDF : 965334.8/26

asym_us_avg_at1lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 243.218+/-275.394 χ^2/NDF : 11.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -385.763+/-290.440 χ^2/NDF : 9.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

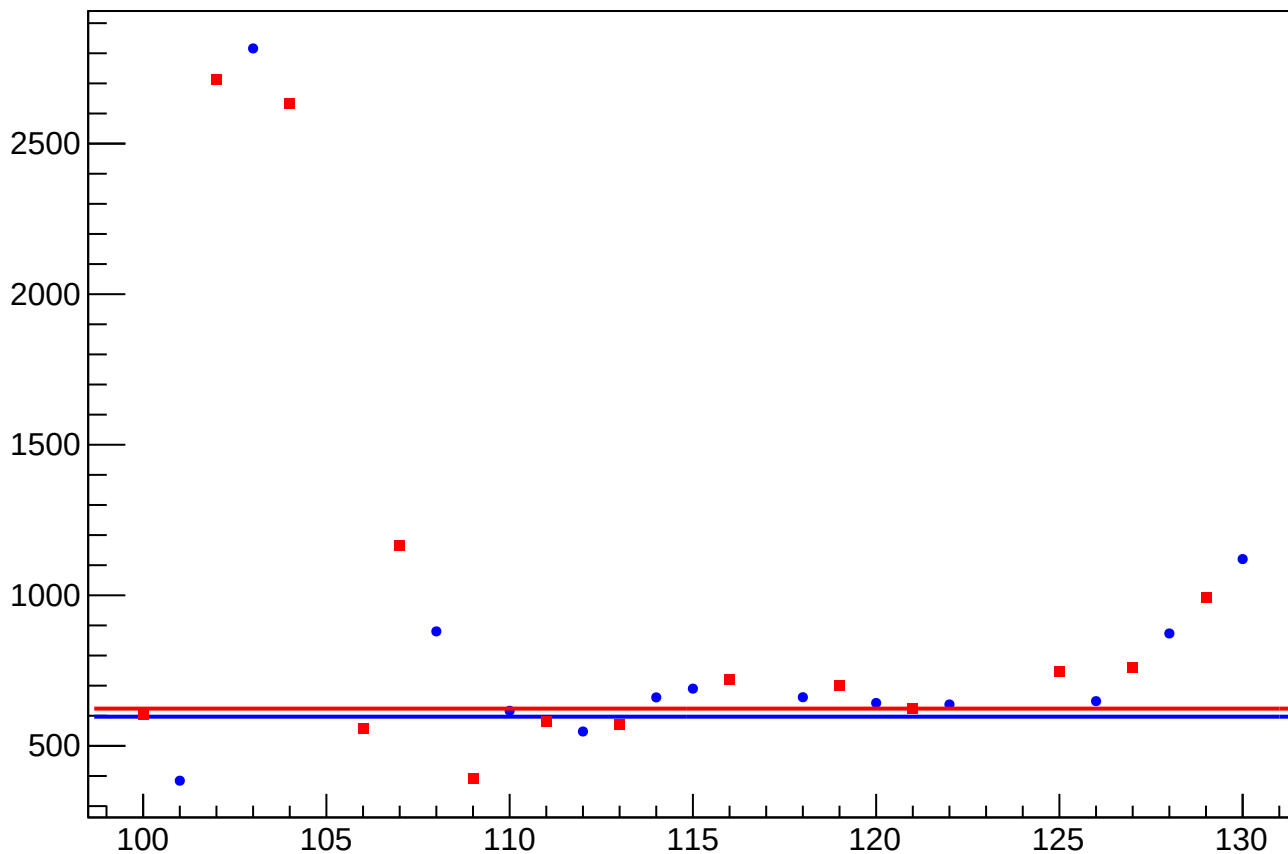
Right: -54.558+/-199.840 χ^2/NDF : 24.0/26

In: 243.218+/-275.394 χ^2/NDF : 11.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -54.558+/-199.840 χ^2/NDF : 24.0/26

asym_us_avg_at1lr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 596.957 $\pm$ 0.195 χ^2 /NDF: 1586705.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 623.752 $\pm$ 0.205 χ^2 /NDF: 2010833.9/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

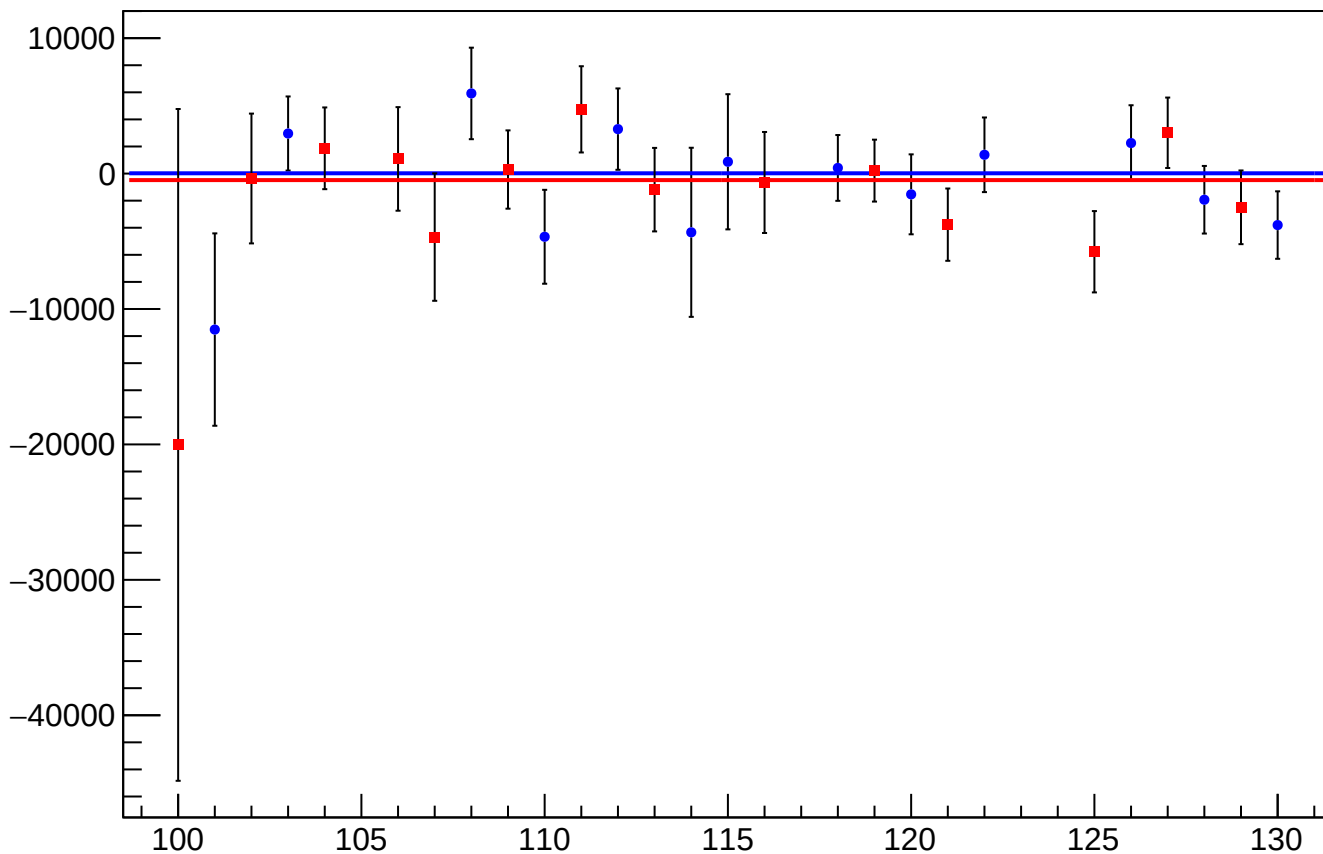
Right: 609.642 $\pm$ 0.141 χ^2 /NDF: 3606502.7/26

In: 596.957 $\pm$ 0.195 χ^2 /NDF:1586705.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 609.642 $\pm$ 0.141 χ^2 /NDF: 3606502.7/26

eigen_dit_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 21.291+/-855.407 χ^2/NDF : 14.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -481.453+/-848.381 χ^2/NDF : 12.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

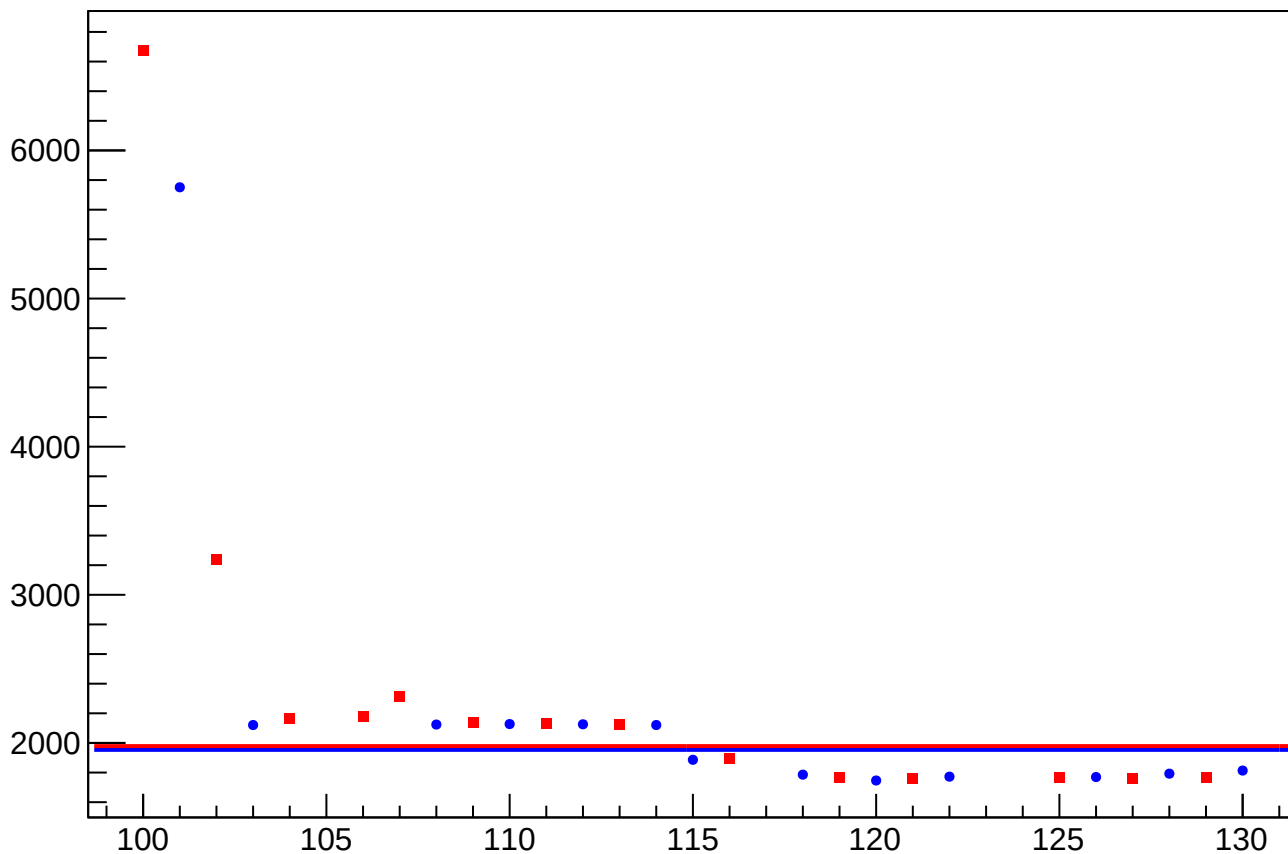
Right: -232.154+/-602.365 χ^2/NDF : 26.8/26

In: 21.291+/-855.407 χ^2/NDF : 14.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -232.154+/-602.365 χ^2/NDF : 26.8/26

eigen_dit_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1953.290+/-0.605 χ^2/NDF : 649011.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1978.616+/-0.600 χ^2/NDF : 315438.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

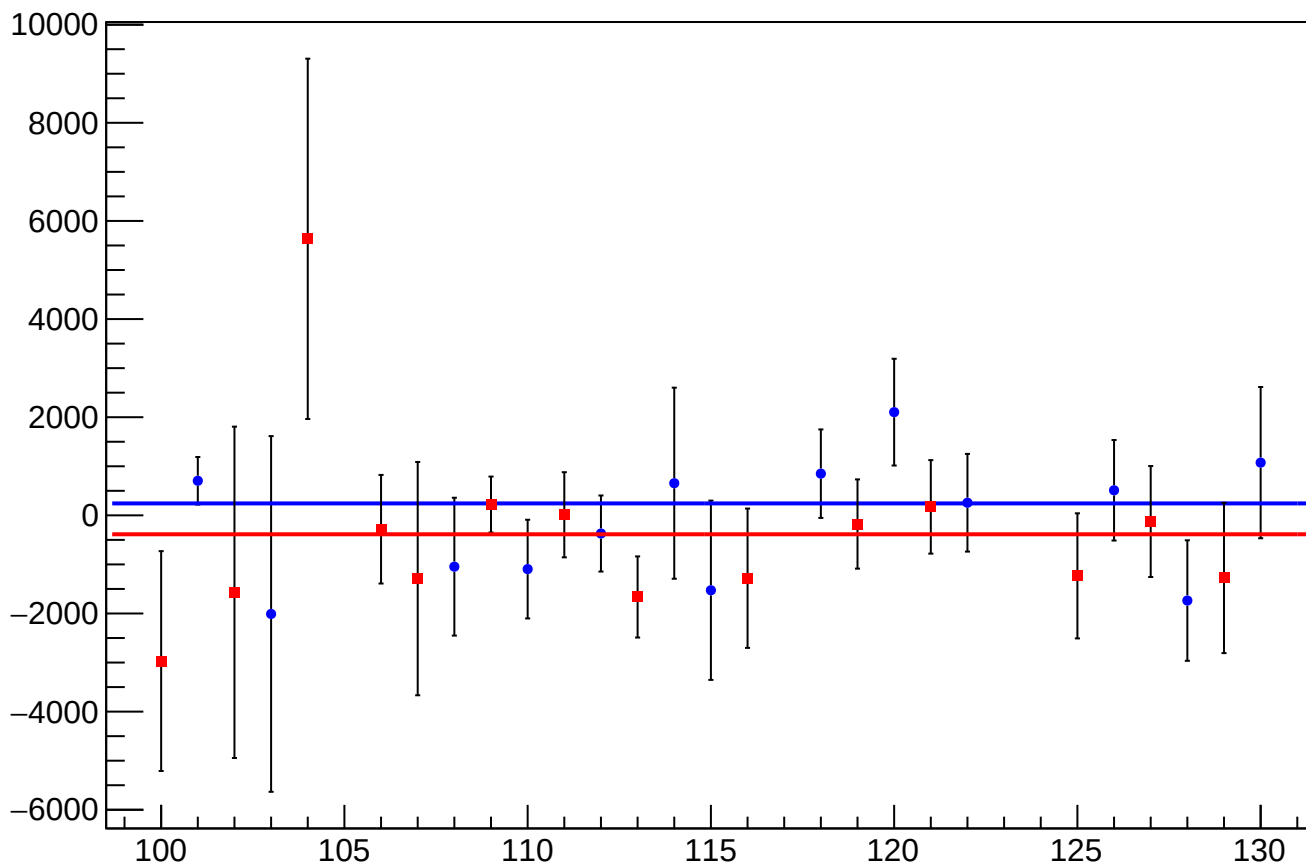
Right: 1966.058+/-0.426 χ^2/NDF : 965334.0/26

In: 1953.290+/-0.605 χ^2/NDF : 649011.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1966.058+/-0.426 χ^2/NDF : 965334.0/26

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 243.217+/-275.393 χ^2 /NDF: 11.9/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -385.759+/-290.439 χ^2 /NDF: 9.7/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

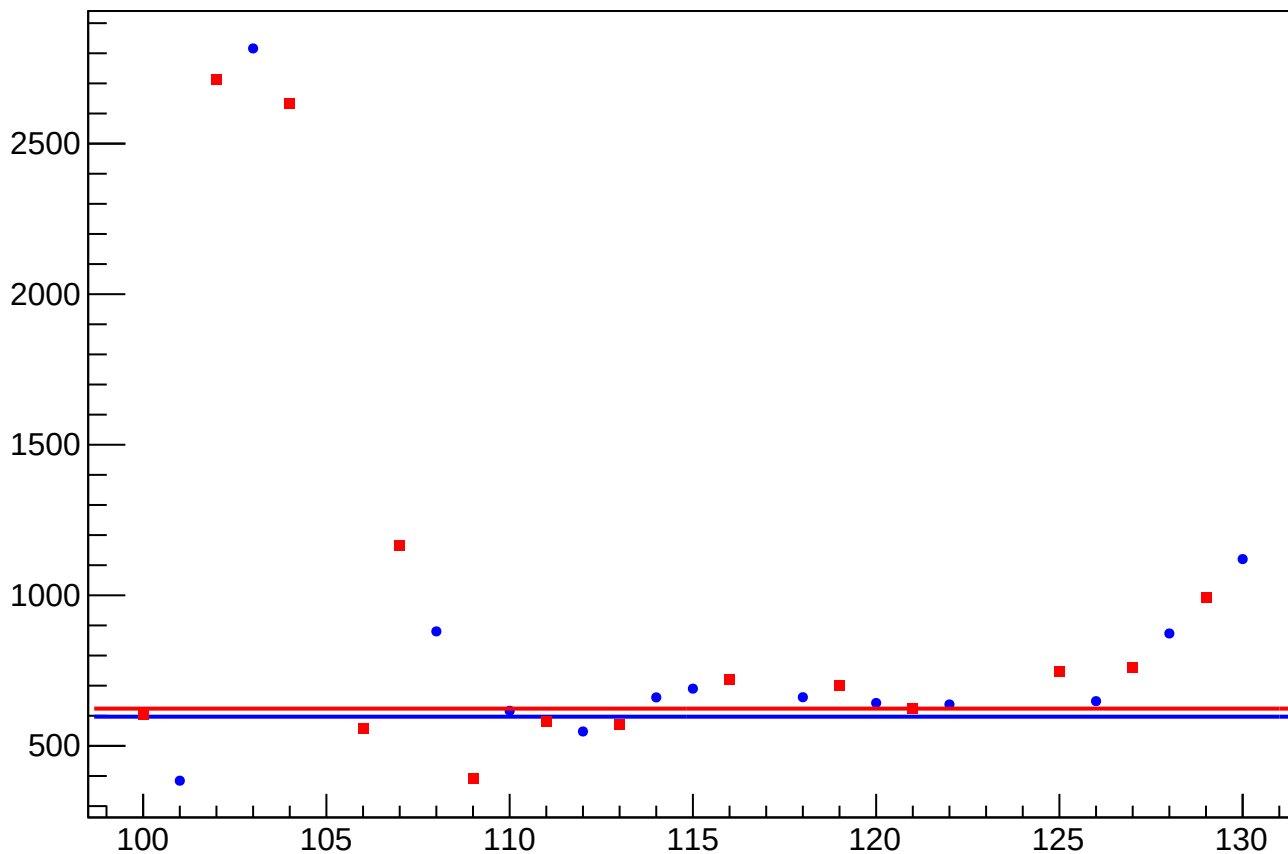
Right: -54.558+/-199.839 χ^2 /NDF: 24.0/26

In: 243.217+/-275.393 χ^2 /NDF:11.9/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -54.558+/-199.839 χ^2 /NDF: 24.0/26

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 596.955+/-0.195 χ^2/NDF : 1586692.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 623.747+/-0.205 χ^2/NDF : 2010850.9/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

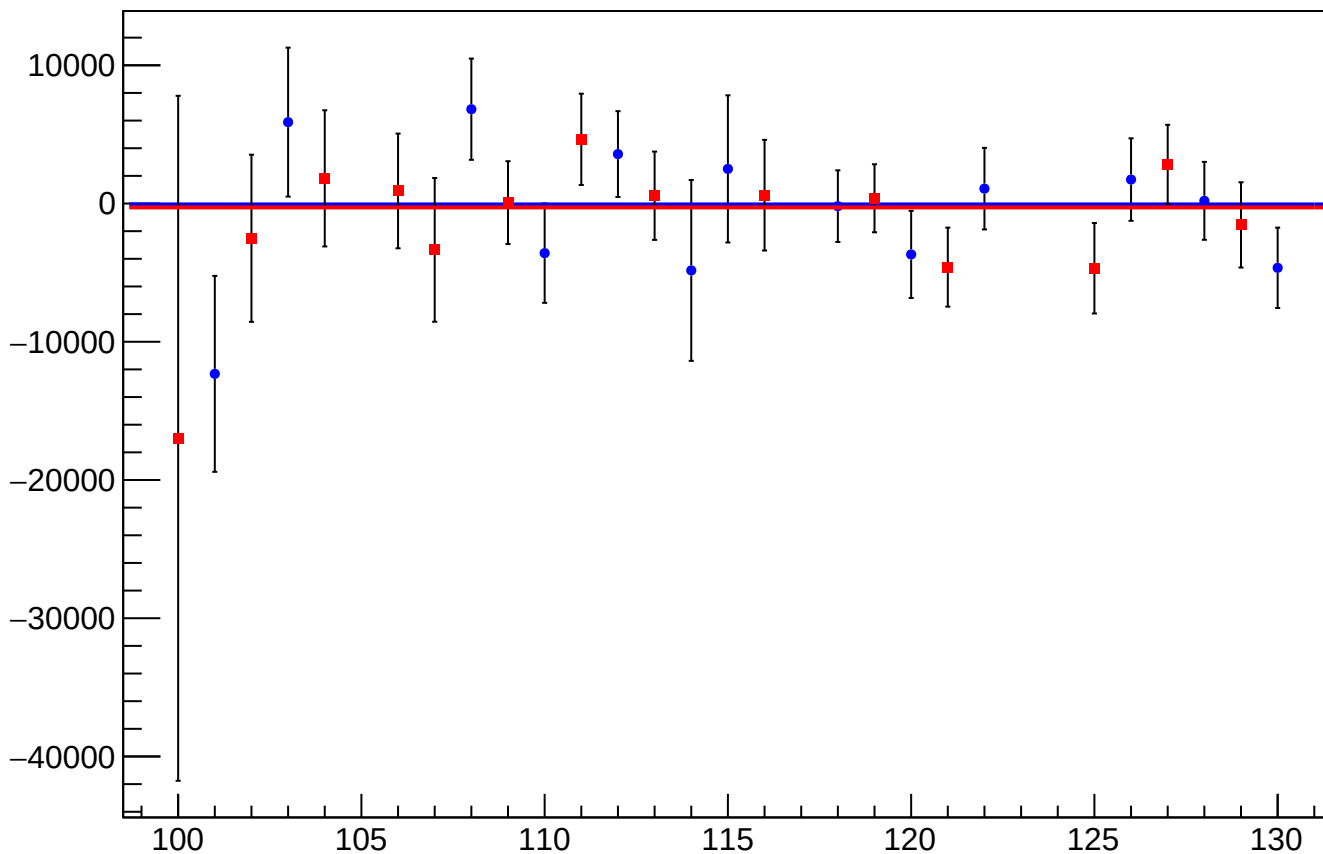
Right: 609.639+/-0.141 χ^2/NDF : 3606505.0/26

In: 596.955+/-0.195 χ^2/NDF :1586692.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 609.639+/-0.141 χ^2/NDF : 3606505.0/26

asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -66.038+/-957.947 χ^2/NDF : 15.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -280.309+/-937.602 χ^2/NDF : 9.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

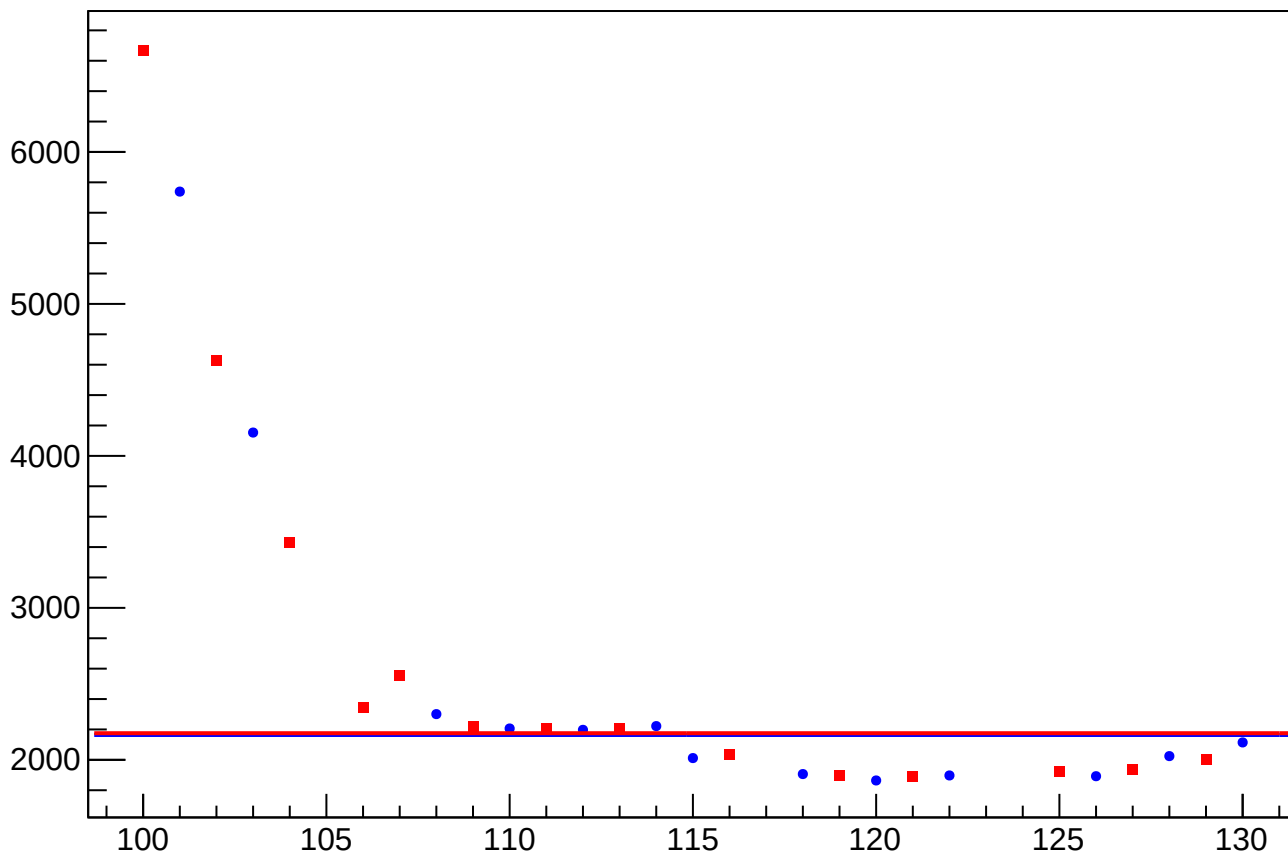
Right: -175.473+/-670.062 χ^2/NDF : 24.3/26

In: -66.038+/-957.947 χ^2/NDF : 15.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -175.473+/-670.062 χ^2/NDF : 24.3/26

asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2163.615+/-0.677 χ^2/NDF : 863051.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2175.235+/-0.663 χ^2/NDF : 619313.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

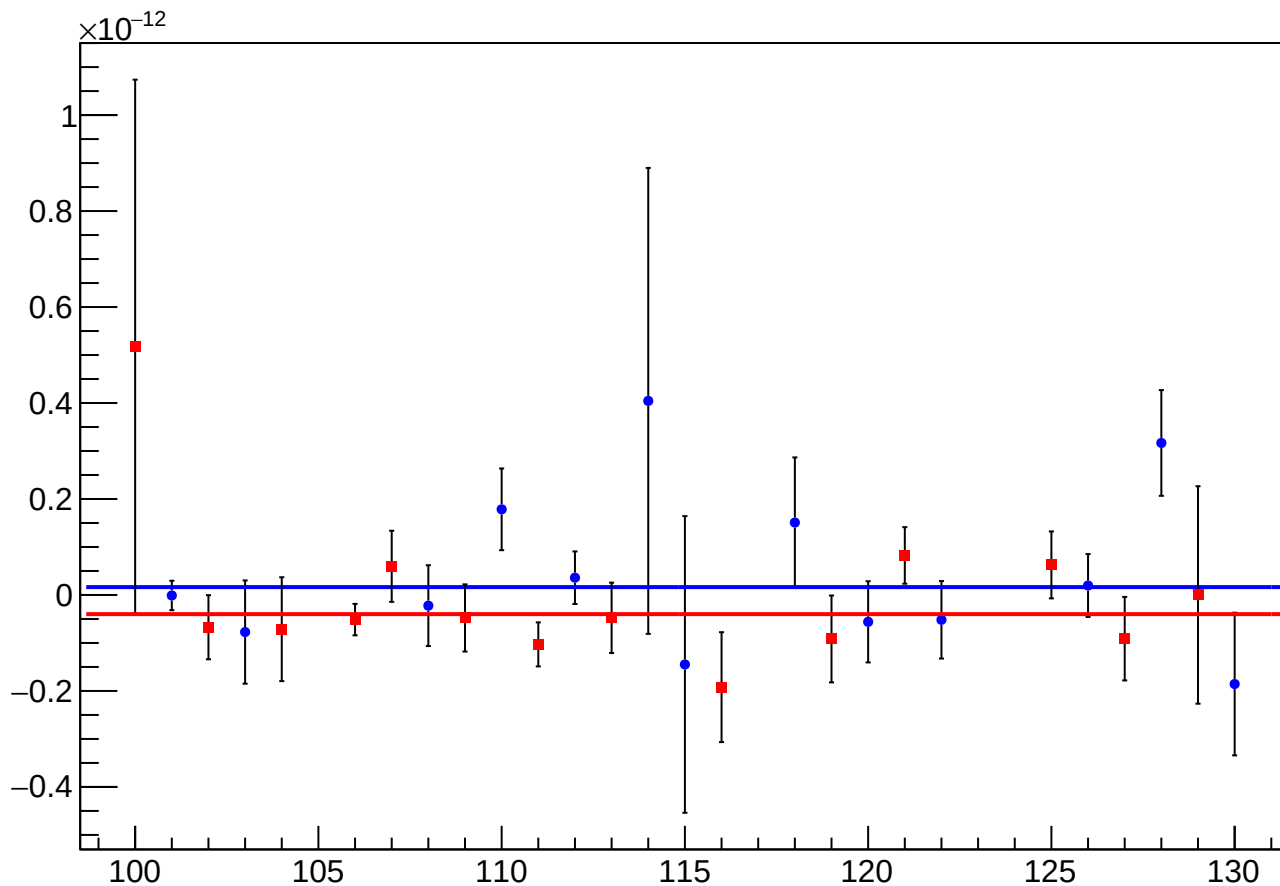
Right: 2169.550+/-0.474 χ^2/NDF : 1482515.5/26

In: 2163.615+/-0.677 χ^2/NDF : 863051.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2169.550+/-0.474 χ^2/NDF : 1482515.5/26

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 17.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

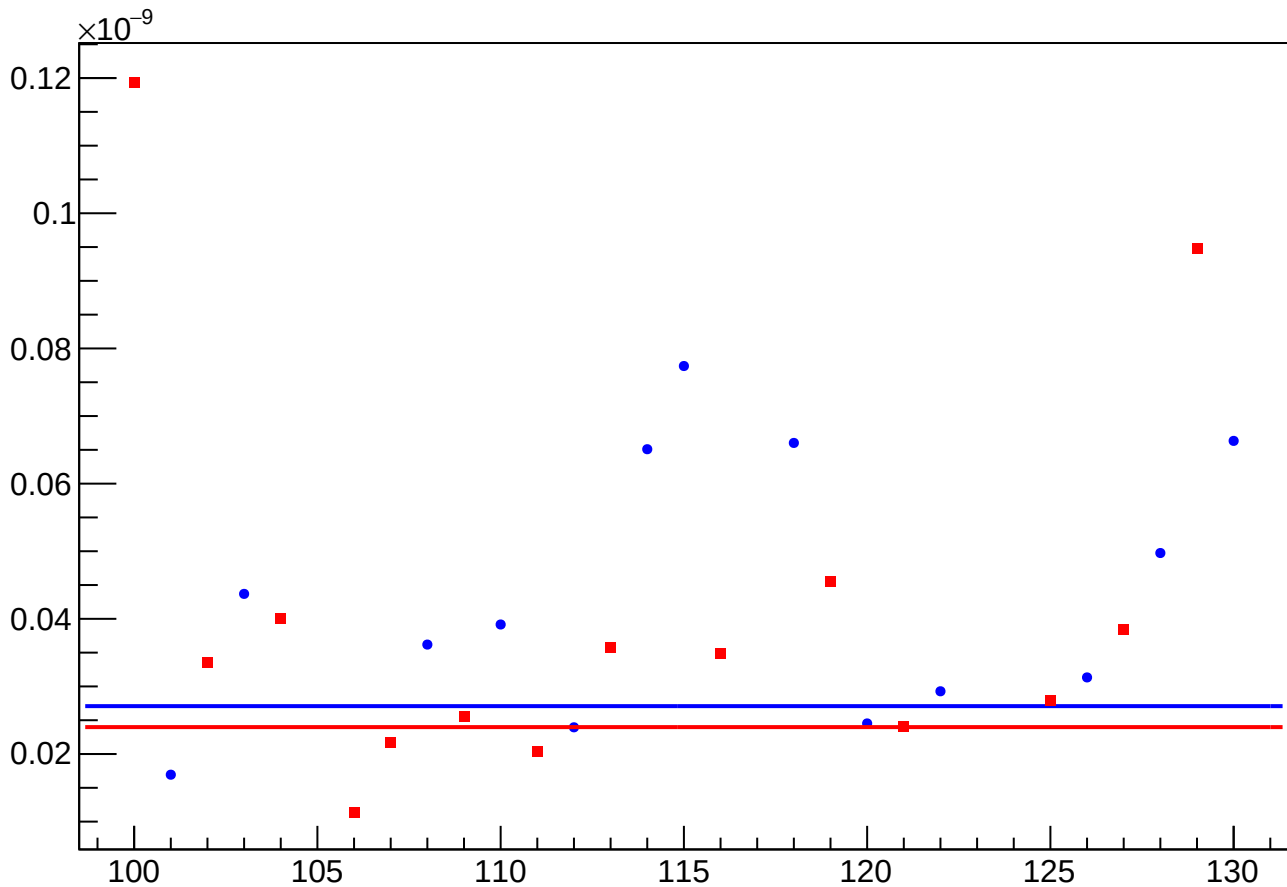
Right: -0.000+/-0.000 χ^2/NDF : 36.1/26

In: 0.000+/-0.000 χ^2/NDF : 17.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 36.1/26

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 801597.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 897006.7/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

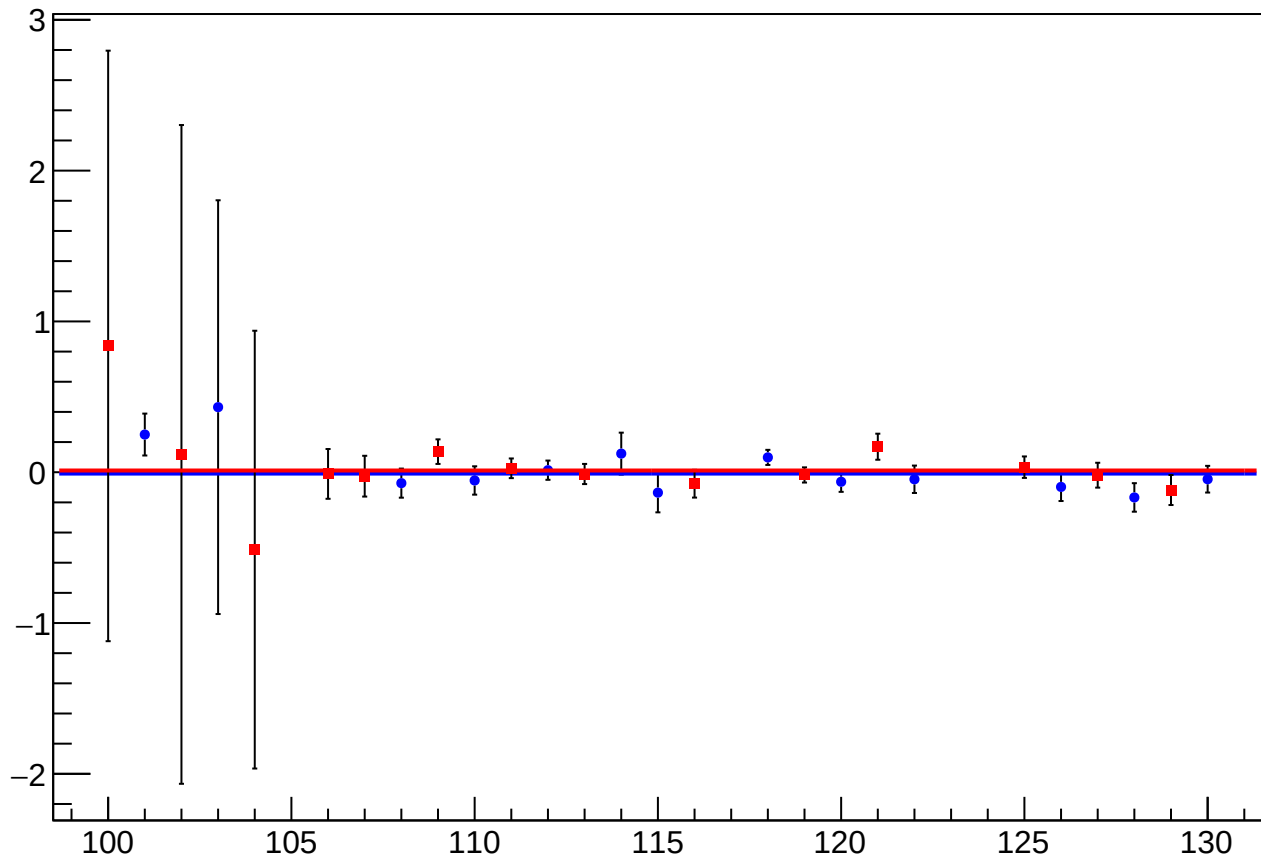
Right: 0.000+/-0.000 χ^2/NDF : 1725273.8/26

In: 0.000+/-0.000 χ^2/NDF :801597.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1725273.8/26

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009+/-0.024 χ^2/NDF : 15.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.024 χ^2/NDF : 9.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

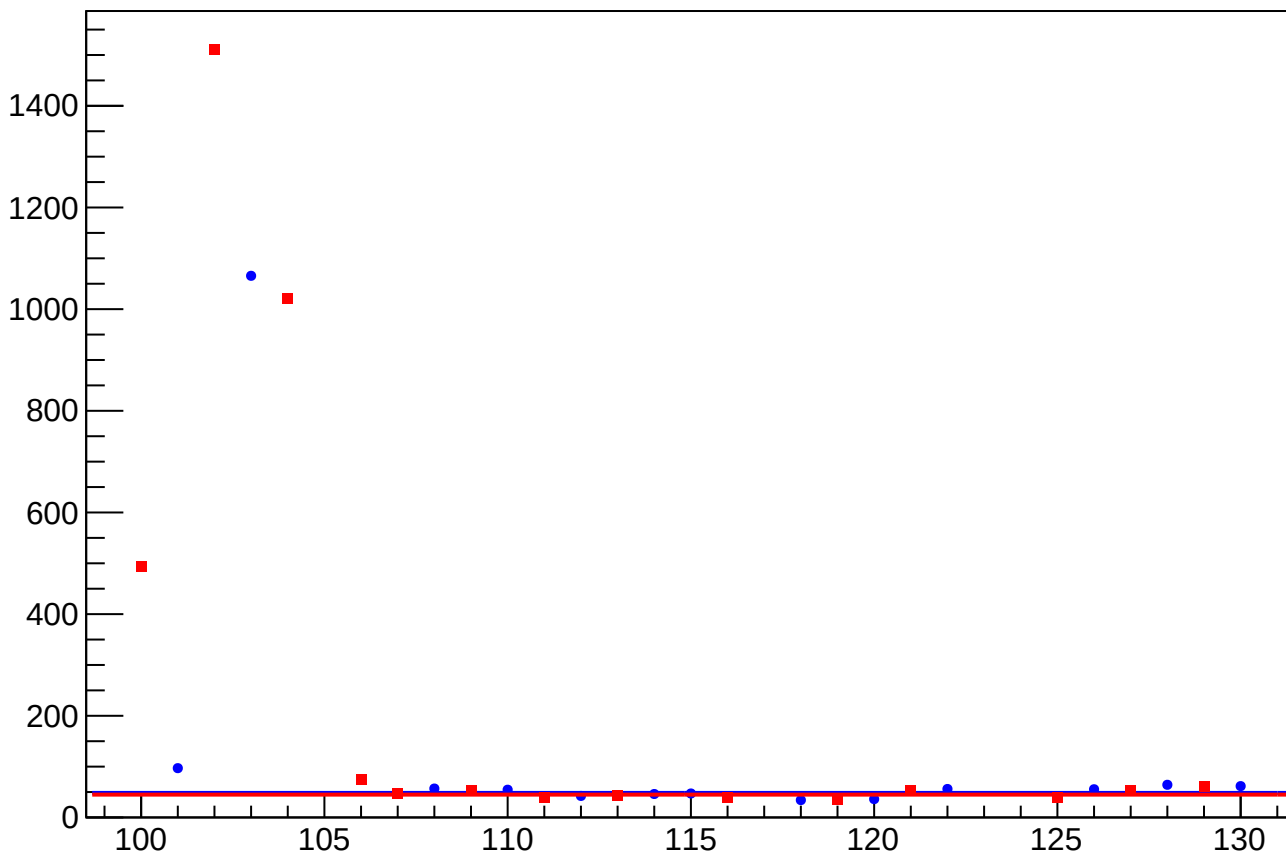
Right: 0.001+/-0.017 χ^2/NDF : 25.3/26

In: -0.009+/-0.024 χ^2/NDF : 15.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.017 χ^2/NDF : 25.3/26

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.276+/-0.017 χ^2/NDF : 1741248.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.926+/-0.017 χ^2/NDF : 2191645.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

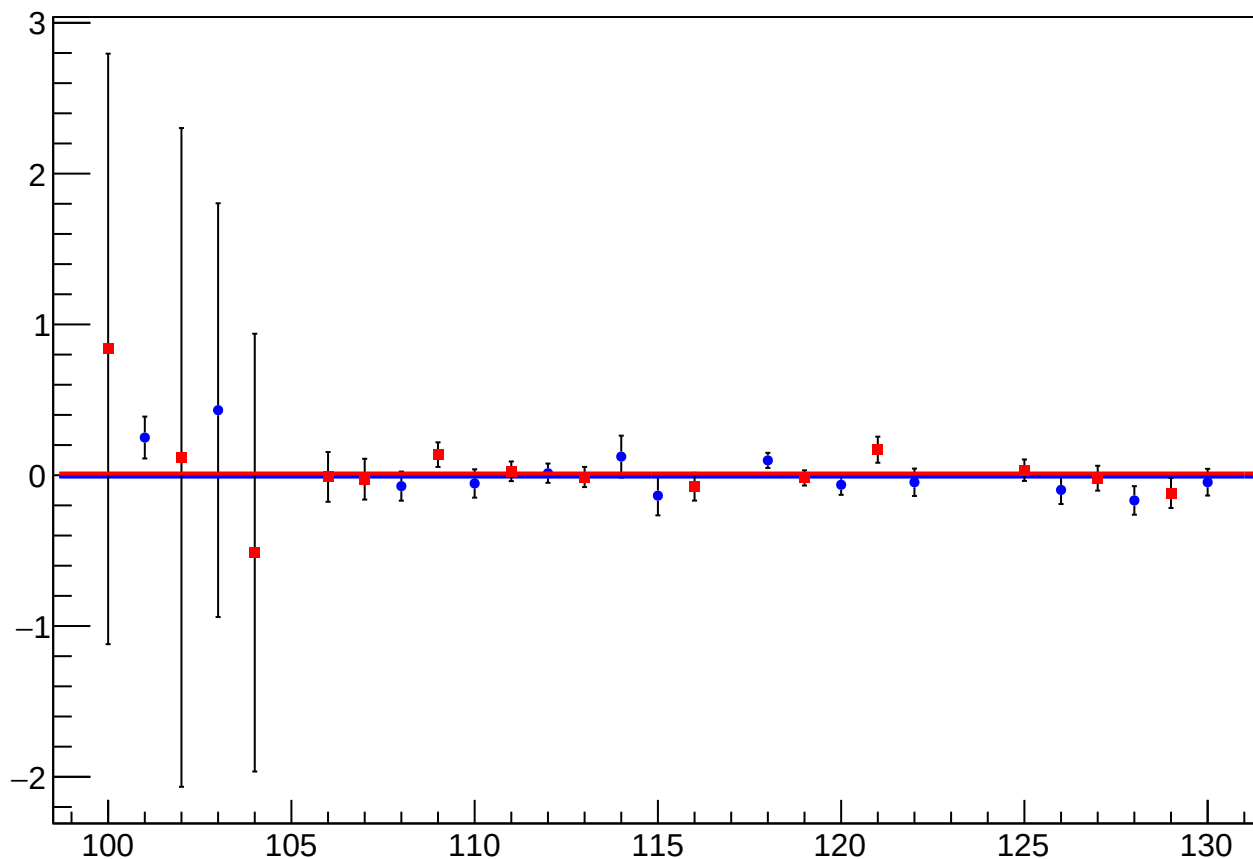
Right: 46.569+/-0.012 χ^2/NDF : 3952648.9/26

In: 48.276+/-0.017 χ^2/NDF : 1741248.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.569+/-0.012 χ^2/NDF : 3952648.9/26

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009+/-0.024 χ^2/NDF : 15.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.024 χ^2/NDF : 9.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

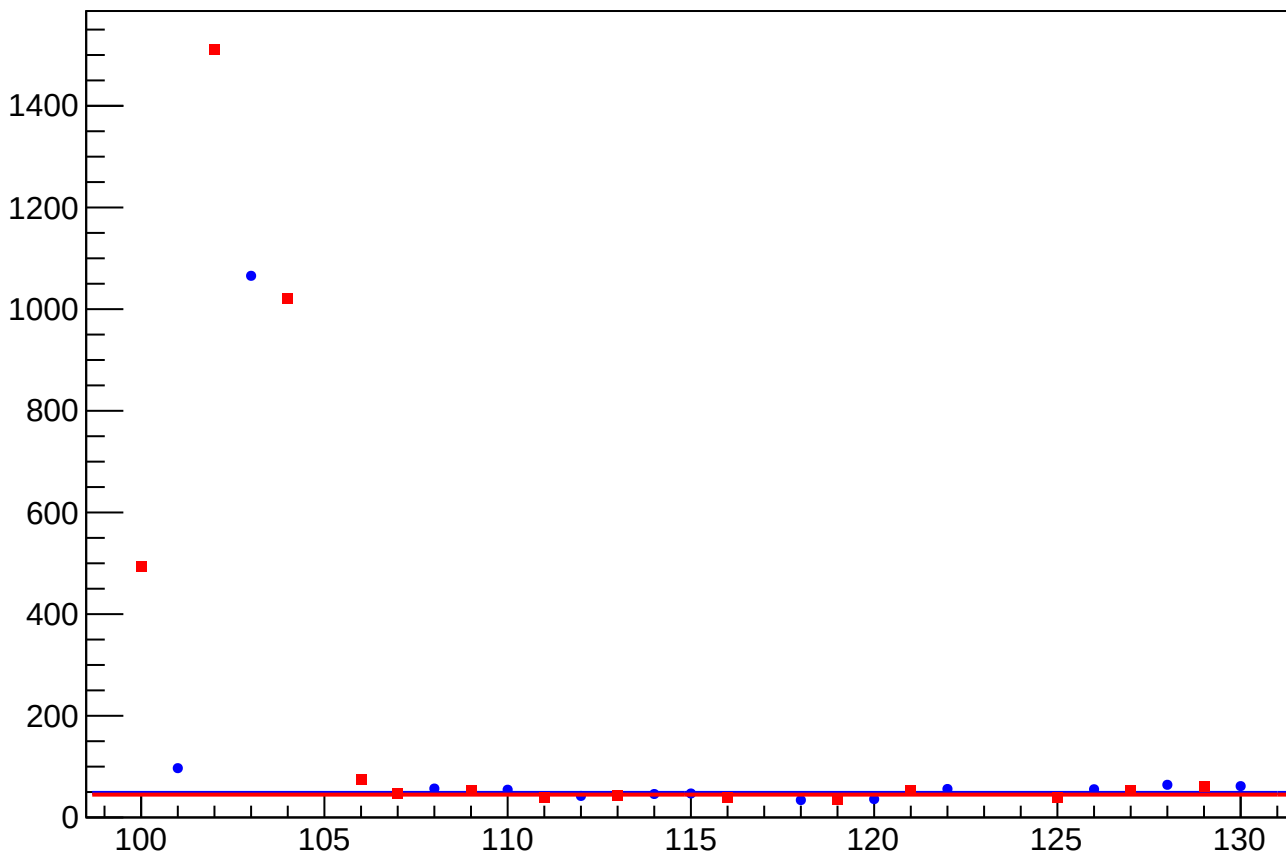
Right: 0.001+/-0.017 χ^2/NDF : 25.3/26

In: -0.009+/-0.024 χ^2/NDF : 15.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.017 χ^2/NDF : 25.3/26

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.276+/-0.017 χ^2/NDF : 1741248.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.926+/-0.017 χ^2/NDF : 2191645.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

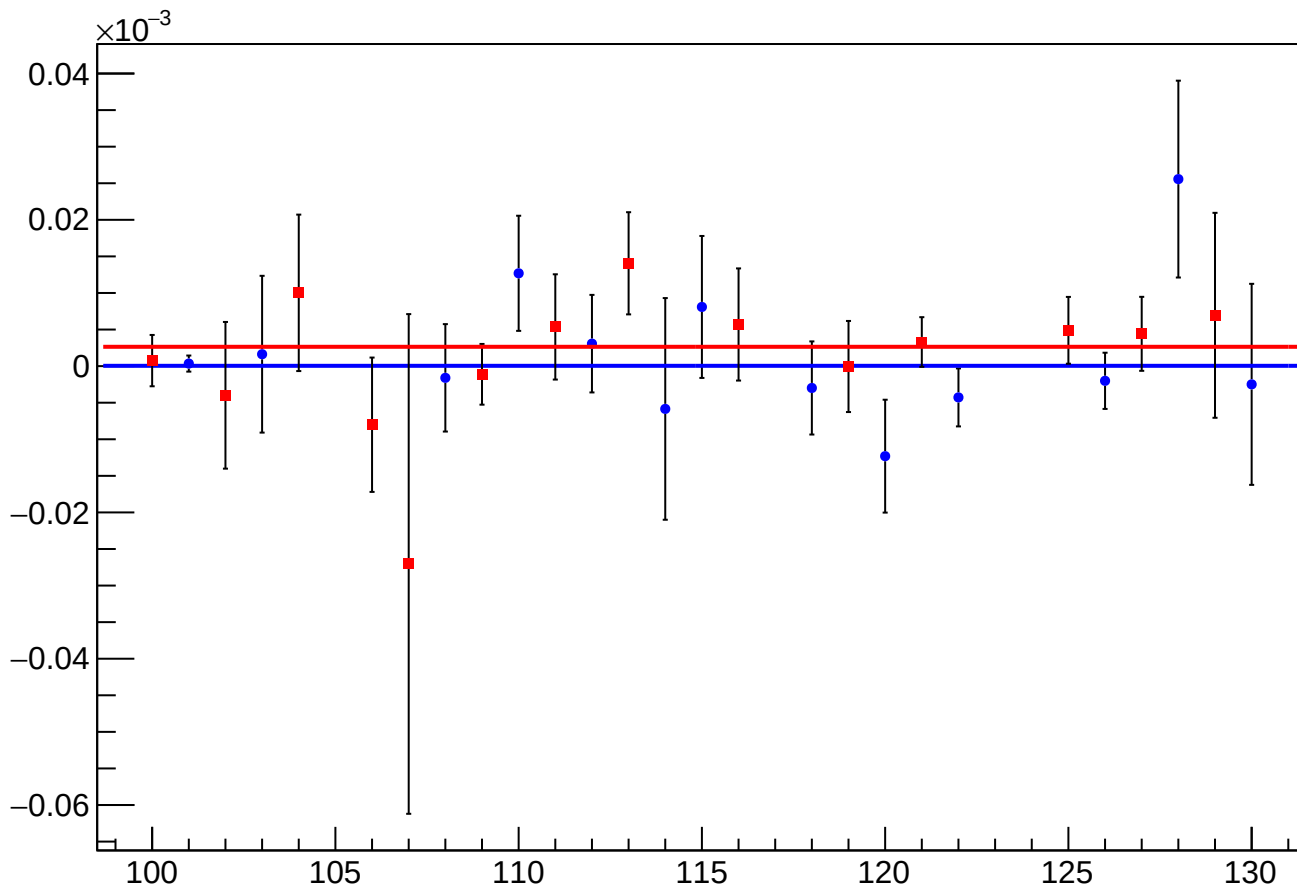
Right: 46.569+/-0.012 χ^2/NDF : 3952648.9/26

In: 48.276+/-0.017 χ^2/NDF : 1741248.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.569+/-0.012 χ^2/NDF : 3952648.9/26

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

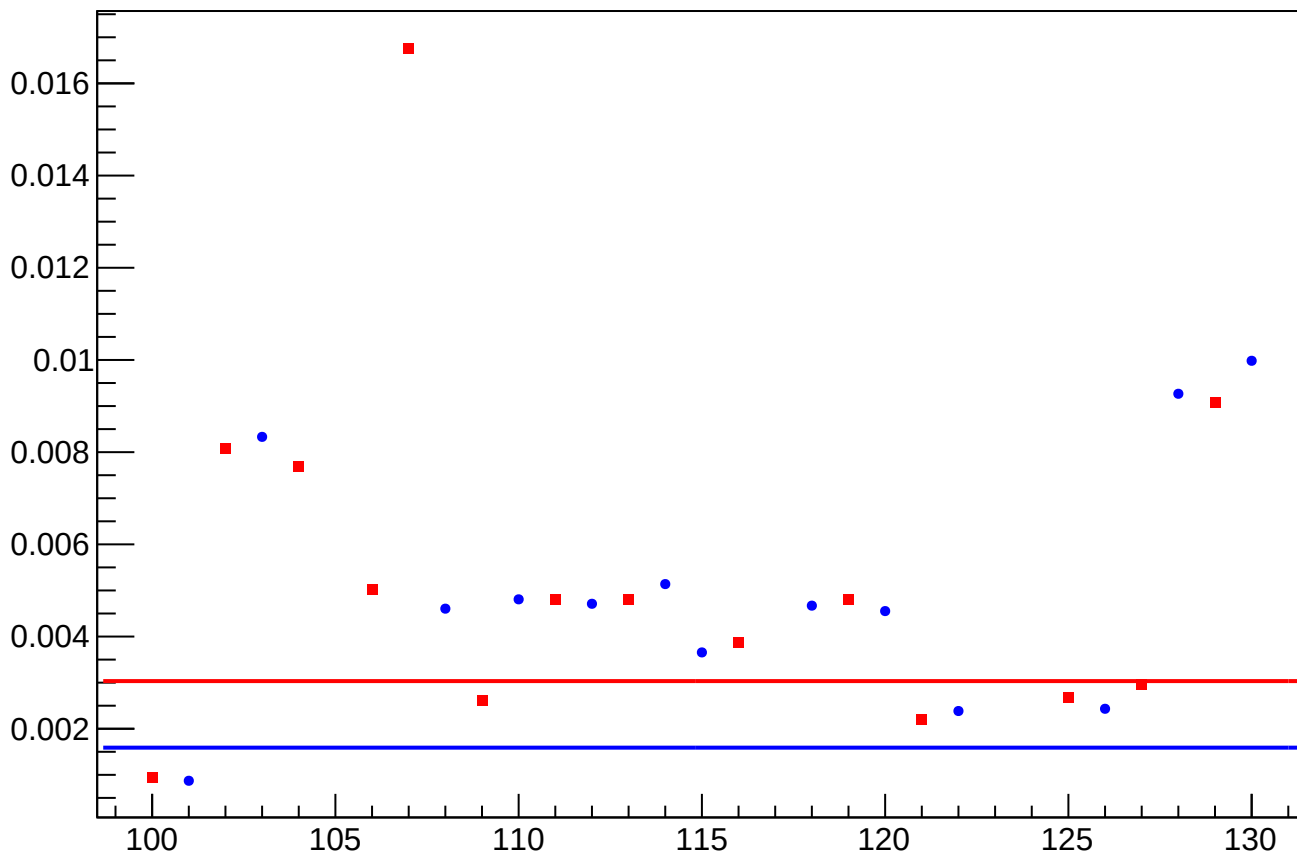
Right: 0.000+/-0.000 χ^2/NDF : 21.5/26

In: 0.000+/-0.000 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.5/26

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 5292451.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2974504.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

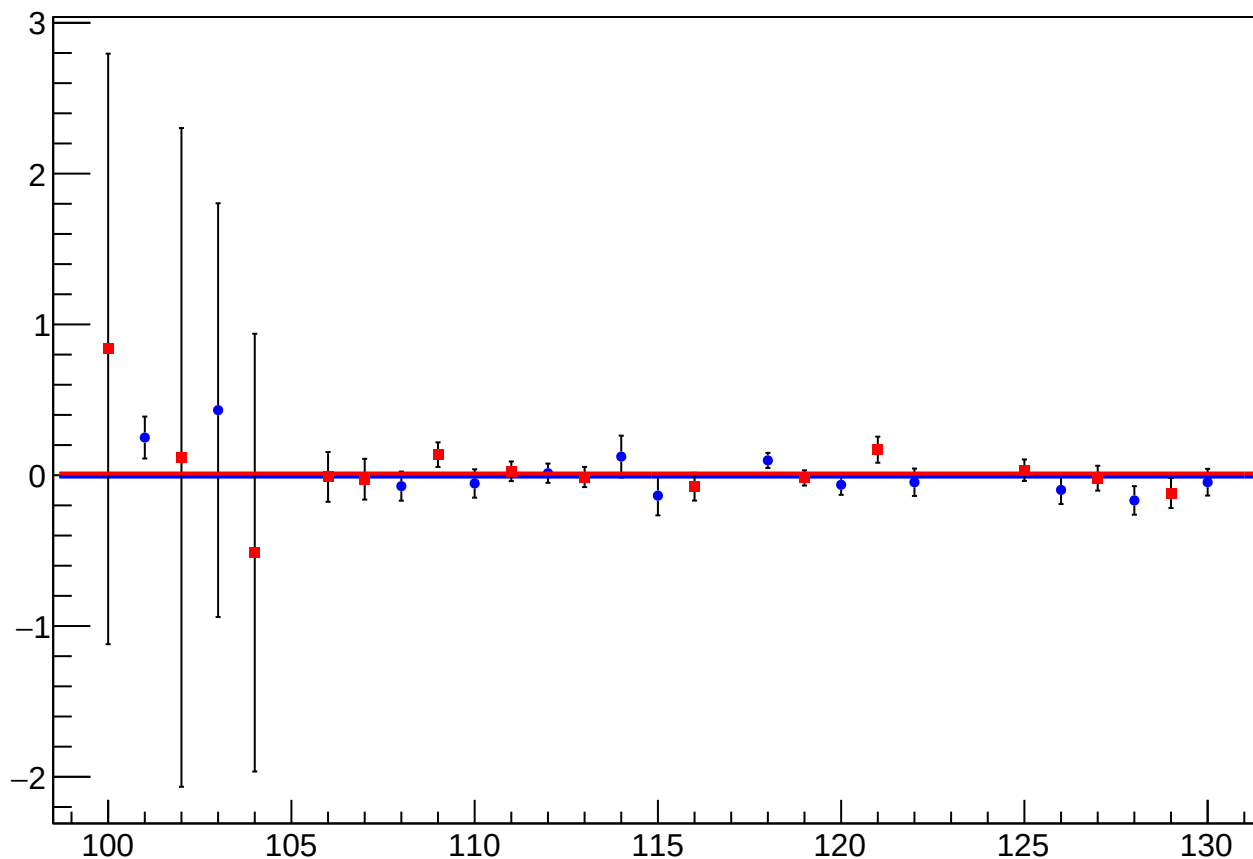
Right: 0.002+/-0.000 χ^2/NDF : 9558084.2/26

In: 0.002+/-0.000 χ^2/NDF : 5292451.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 9558084.2/26

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009+/-0.024 χ^2/NDF : 15.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.024 χ^2/NDF : 9.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

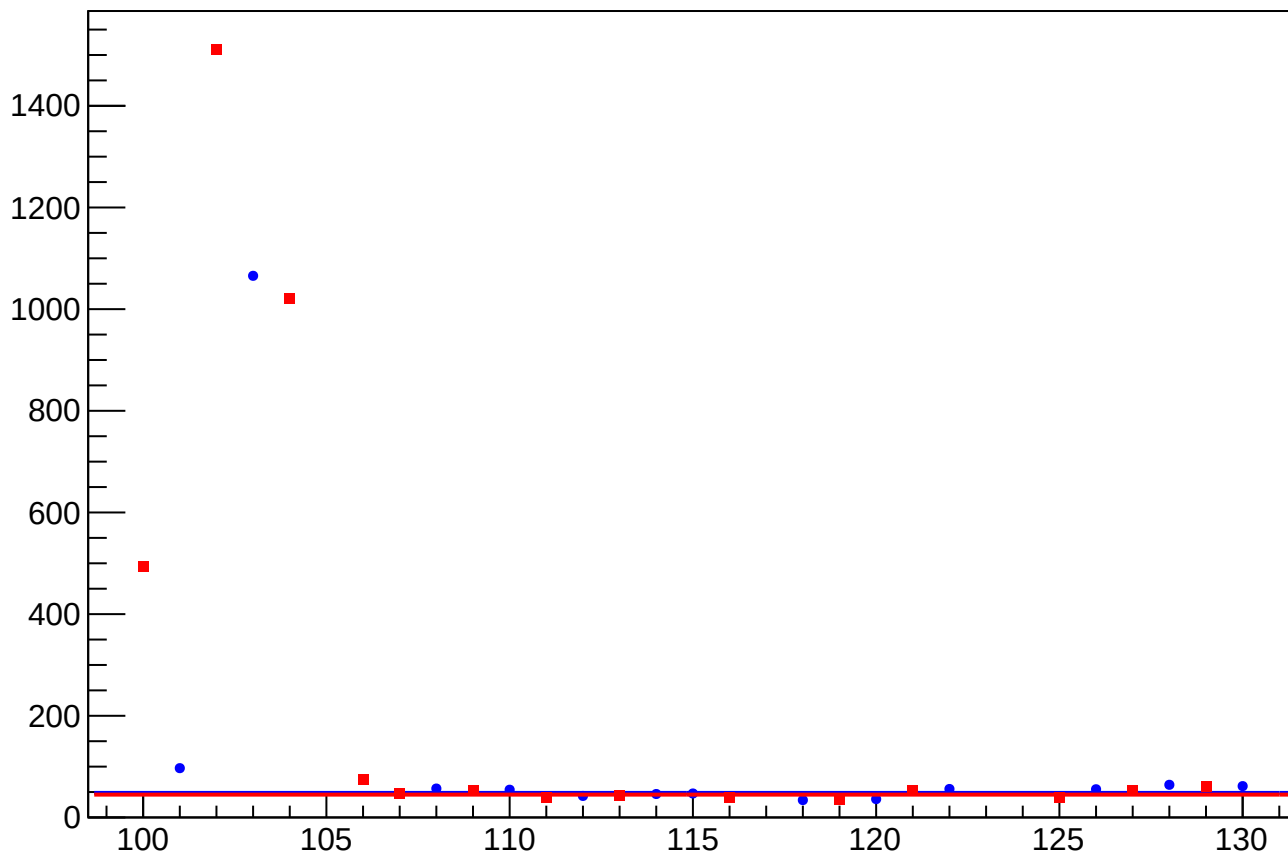
Right: 0.001+/-0.017 χ^2/NDF : 25.3/26

In: -0.009+/-0.024 χ^2/NDF : 15.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.017 χ^2/NDF : 25.3/26

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.276+/-0.017 χ^2 /NDF: 1741179.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 44.925+/-0.017 χ^2 /NDF: 2191653.2/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

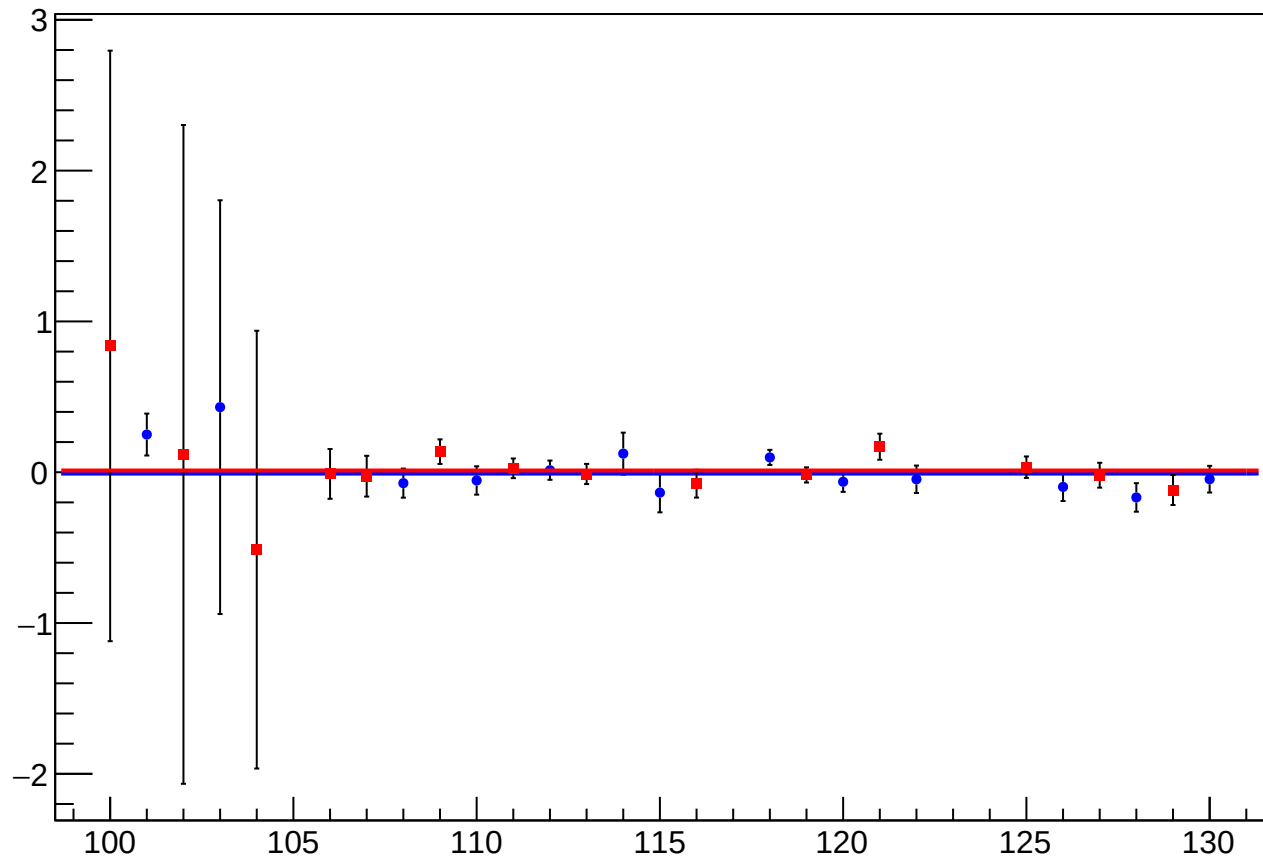
Right: 46.568+/-0.012 χ^2 /NDF: 3952605.7/26

In: 48.276+/-0.017 χ^2 /NDF:1741179.6/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 46.568+/-0.012 χ^2 /NDF: 3952605.7/26

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009+/-0.024 χ^2 /NDF: 15.5/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.011+/-0.024 χ^2 /NDF: 9.4/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

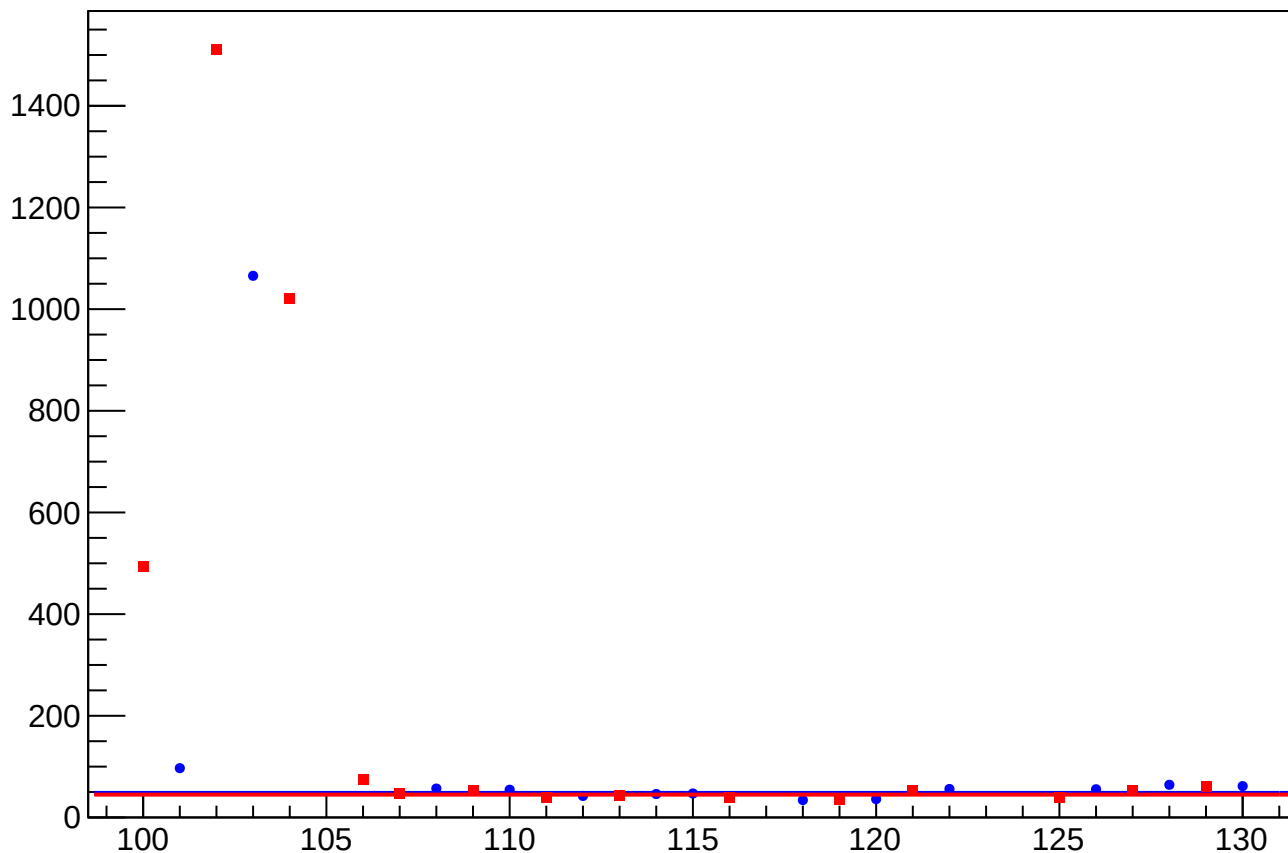
Right: 0.001+/-0.017 χ^2 /NDF: 25.3/26

In: -0.009+/-0.024 χ^2 /NDF:15.5/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.001+/-0.017 χ^2 /NDF: 25.3/26

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.276+/-0.017 χ^2/NDF : 1741179.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.925+/-0.017 χ^2/NDF : 2191653.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

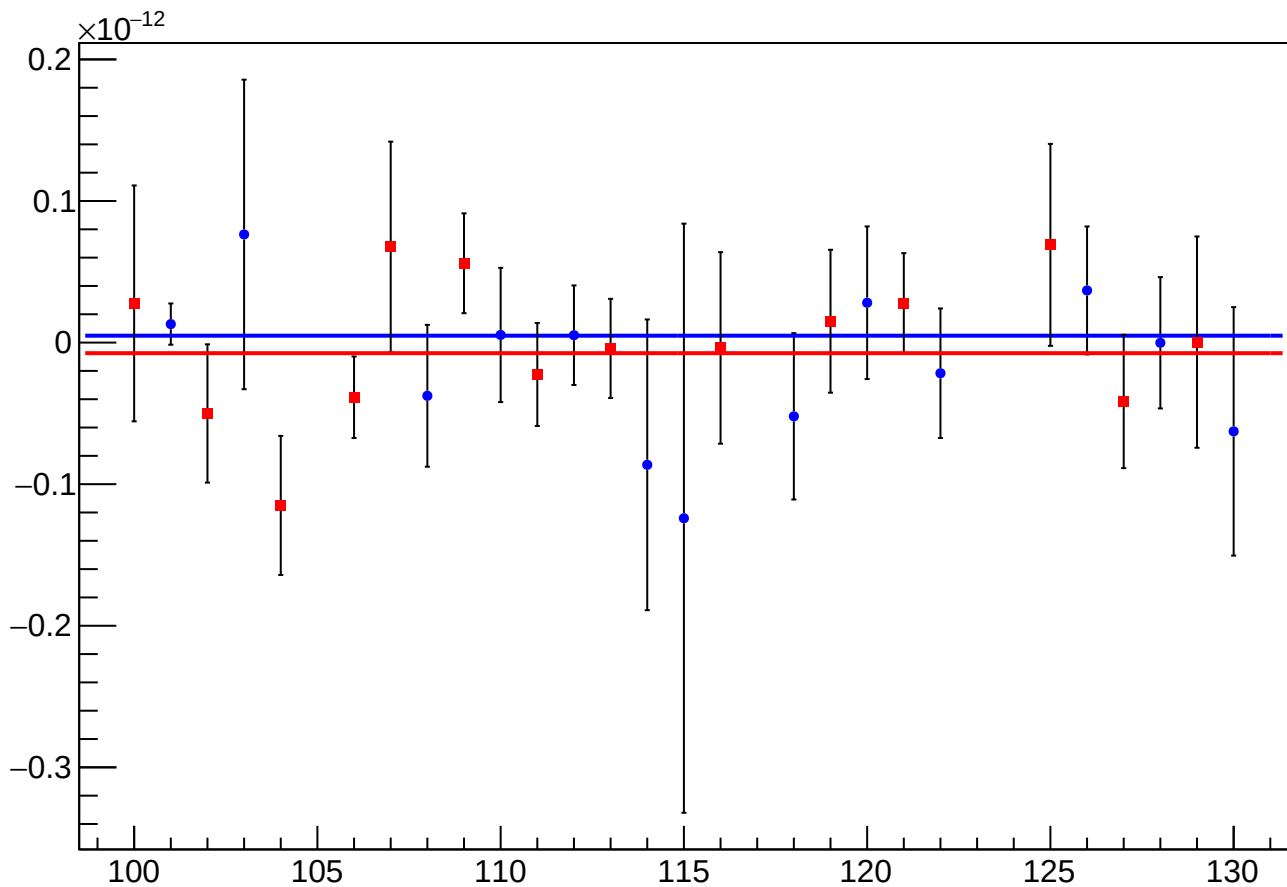
Right: 46.568+/-0.012 χ^2/NDF : 3952605.7/26

In: 48.276+/-0.017 χ^2/NDF : 1741179.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.568+/-0.012 χ^2/NDF : 3952605.7/26

asym_us_avg_at1lr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

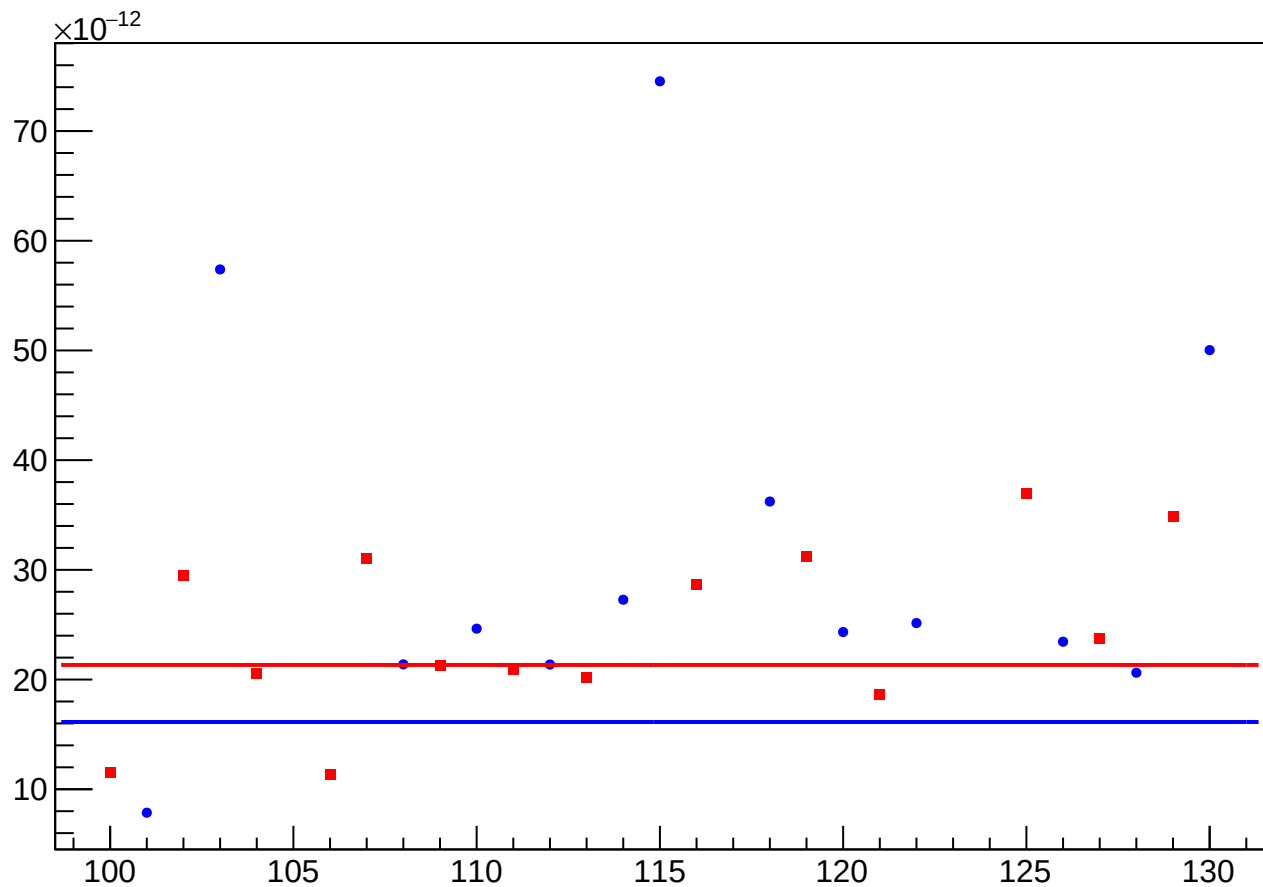
Right: -0.000+/-0.000 χ^2/NDF : 20.0/26

In: 0.000+/-0.000 χ^2/NDF : 5.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.0/26

asym_us_avg_at1lr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1969882.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 639433.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

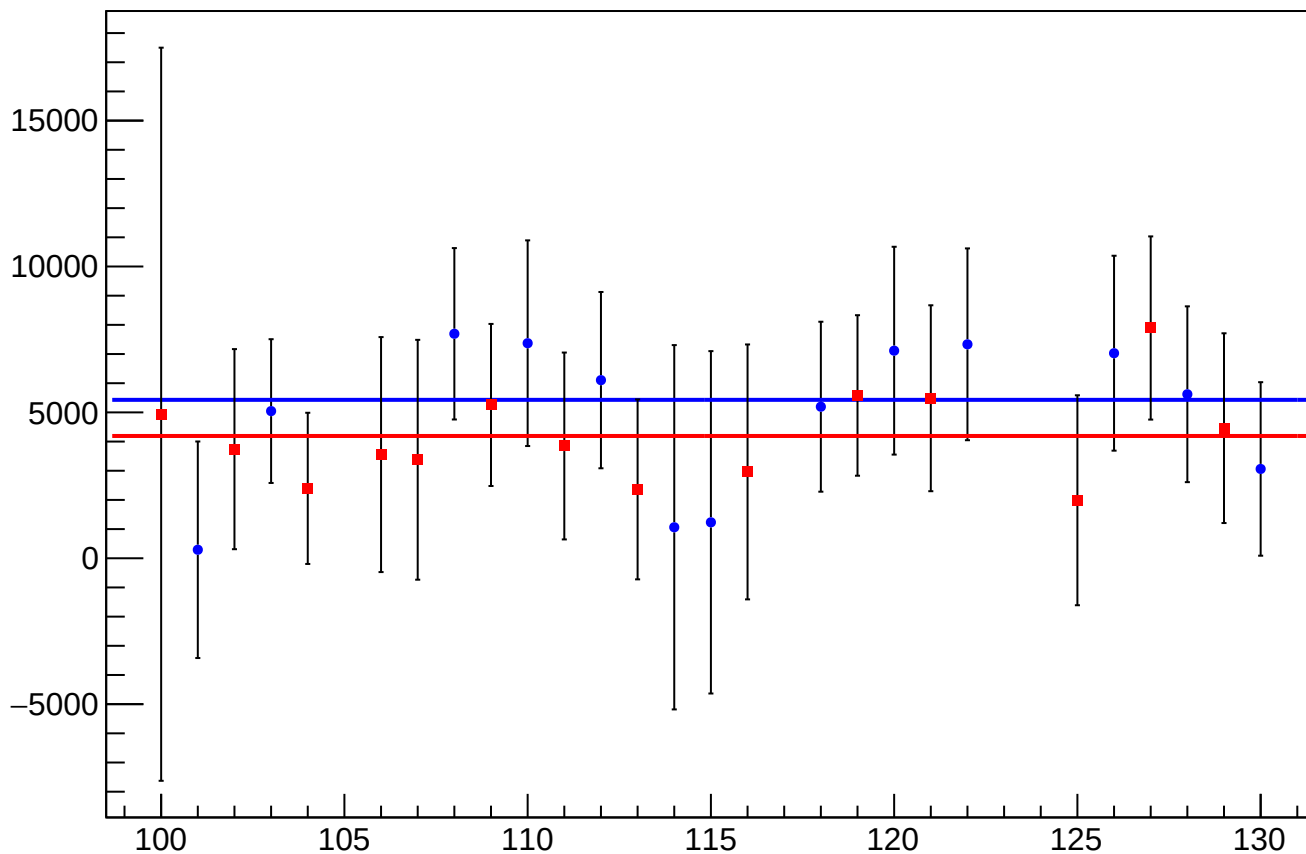
Right: 0.000+/-0.000 χ^2/NDF : 2819581.9/26

In: 0.000+/-0.000 χ^2/NDF : 1969882.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2819581.9/26

reg_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5429.843+/-912.784 χ^2/NDF : 5.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4191.503+/-894.445 χ^2/NDF : 3.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

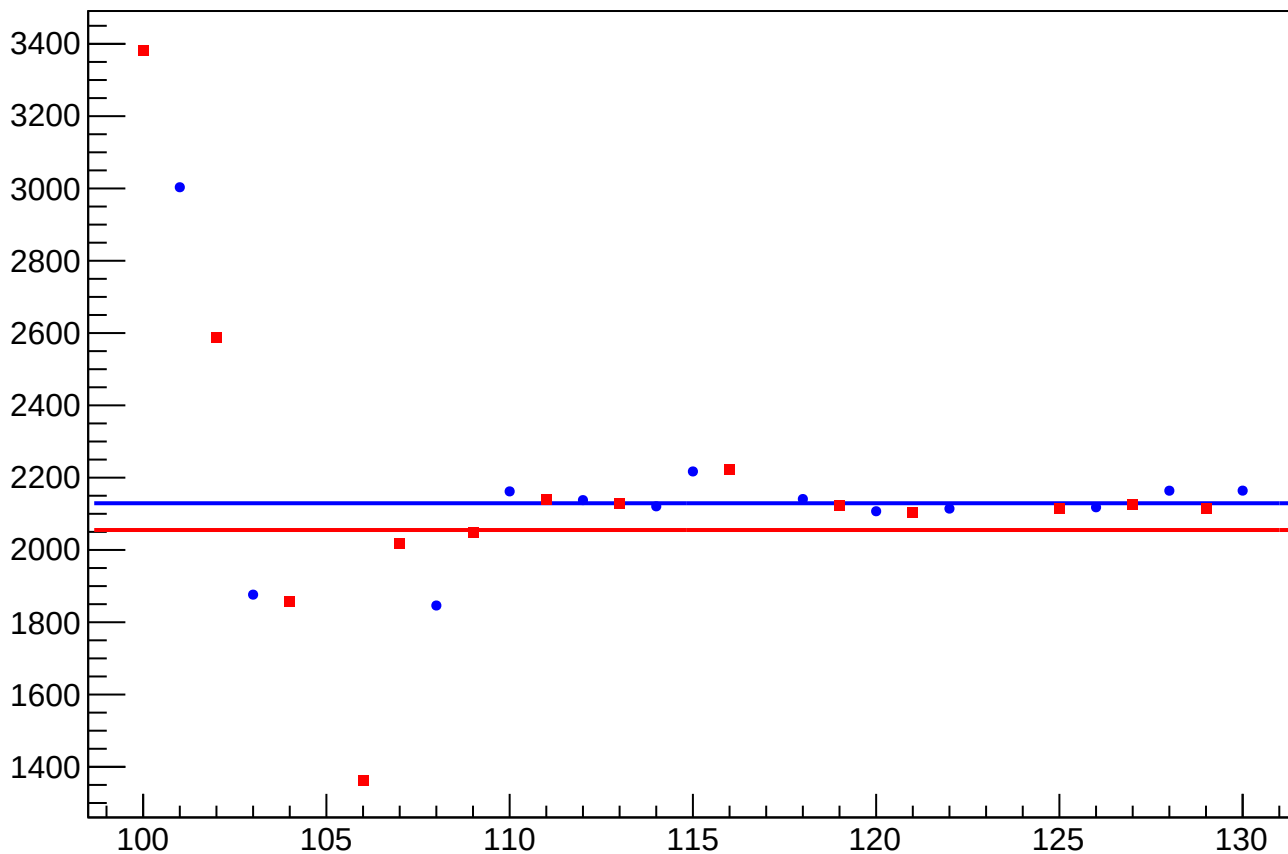
Right: 4798.108+/-638.853 χ^2/NDF : 9.6/26

In: 5429.843+/-912.784 χ^2/NDF : 5.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4798.108+/-638.853 χ^2/NDF : 9.6/26

reg_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2129.205+/-0.645 χ^2/NDF : 151957.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2055.153+/-0.620 χ^2/NDF : 198342.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

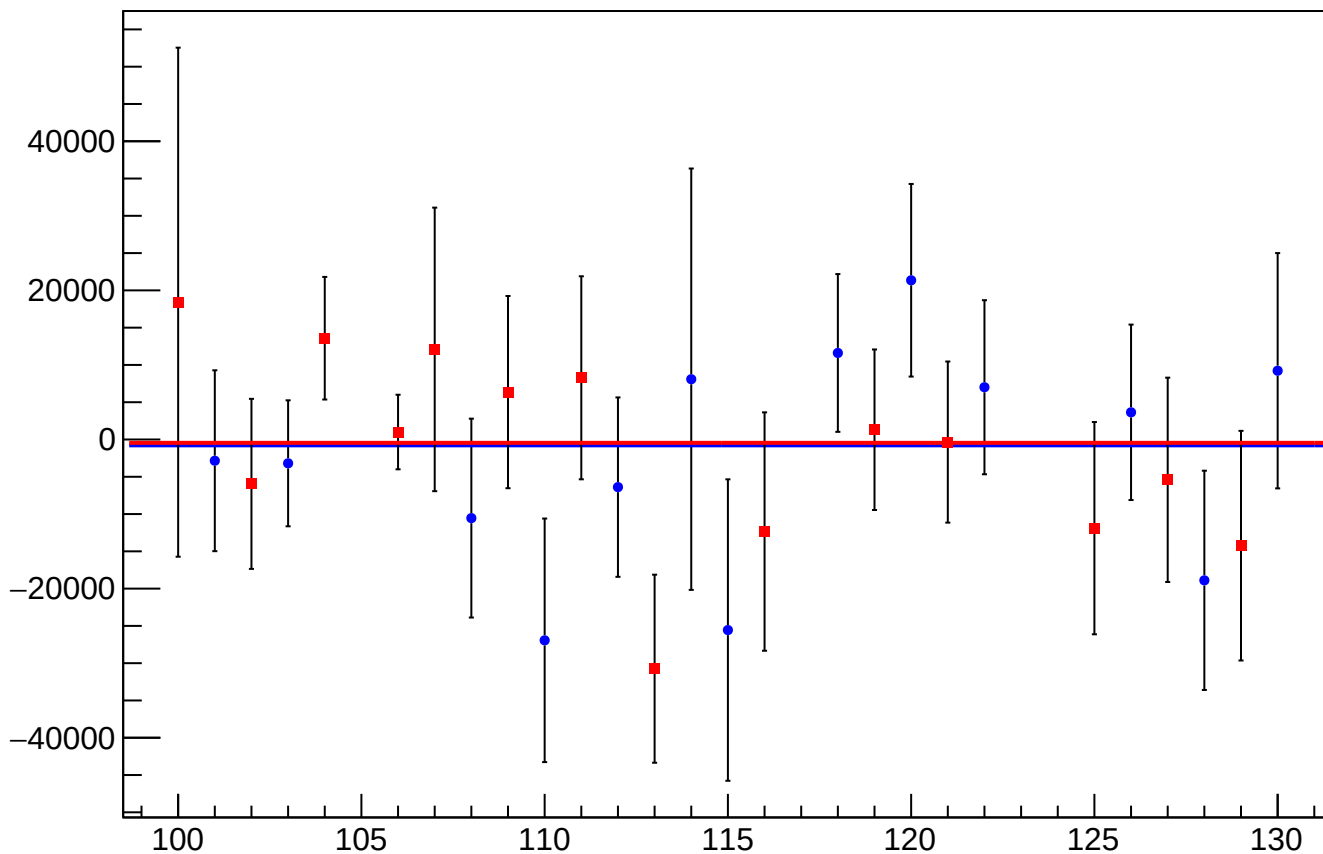
Right: 2090.706+/-0.447 χ^2/NDF : 357143.0/26

In: 2129.205+/-0.645 χ^2/NDF : 151957.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2090.706+/-0.447 χ^2/NDF : 357143.0/26

asym_us_avg_at2lr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -782.389+/-3559.583 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -447.765+/-2894.084 χ^2/NDF : 12.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

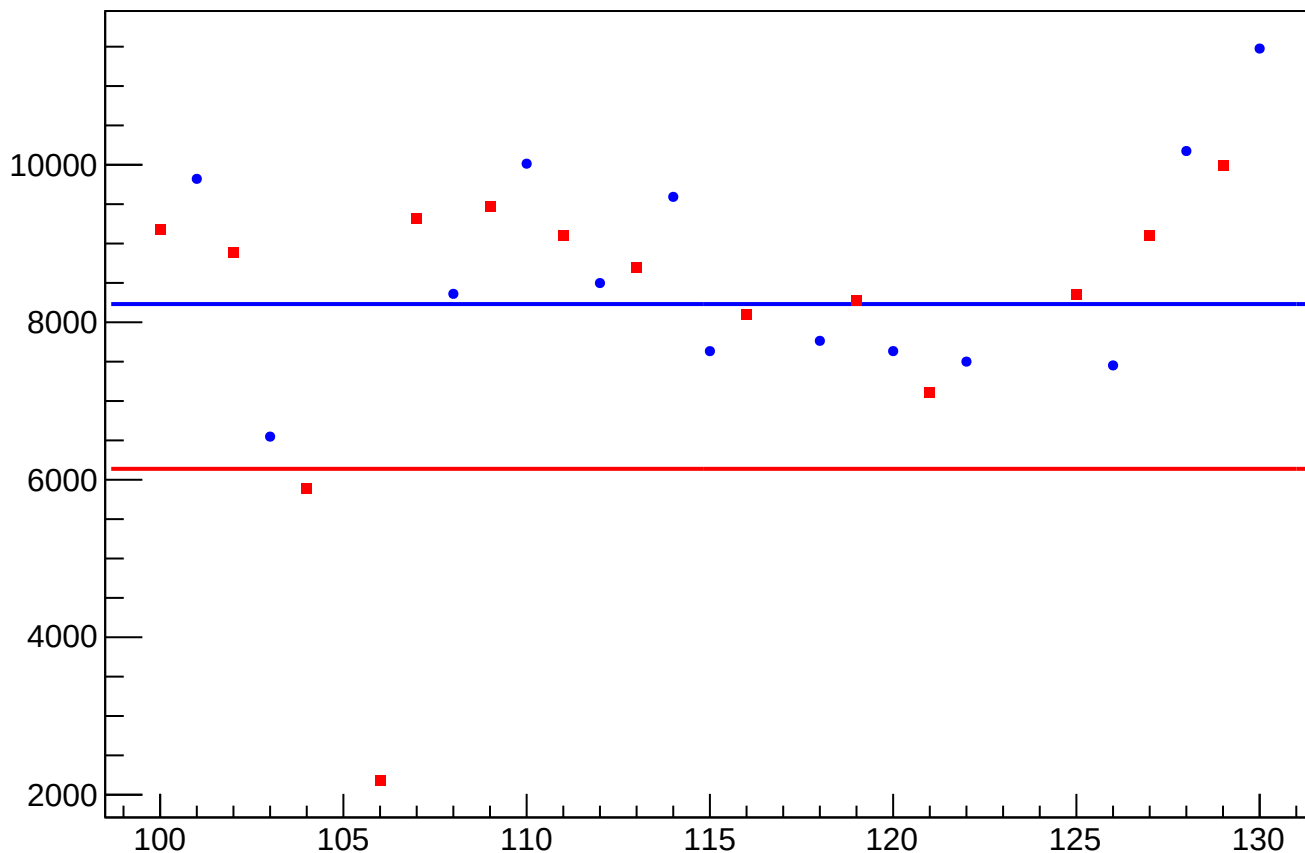
Right: -580.934+/-2245.545 χ^2/NDF : 24.4/26

In: -782.389+/-3559.583 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -580.934+/-2245.545 χ^2/NDF : 24.4/26

asym_us_avg_at2lr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 8231.298+/-2.517 χ^2/NDF : 289483.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 6138.883+/-2.046 χ^2/NDF : 2145050.1/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

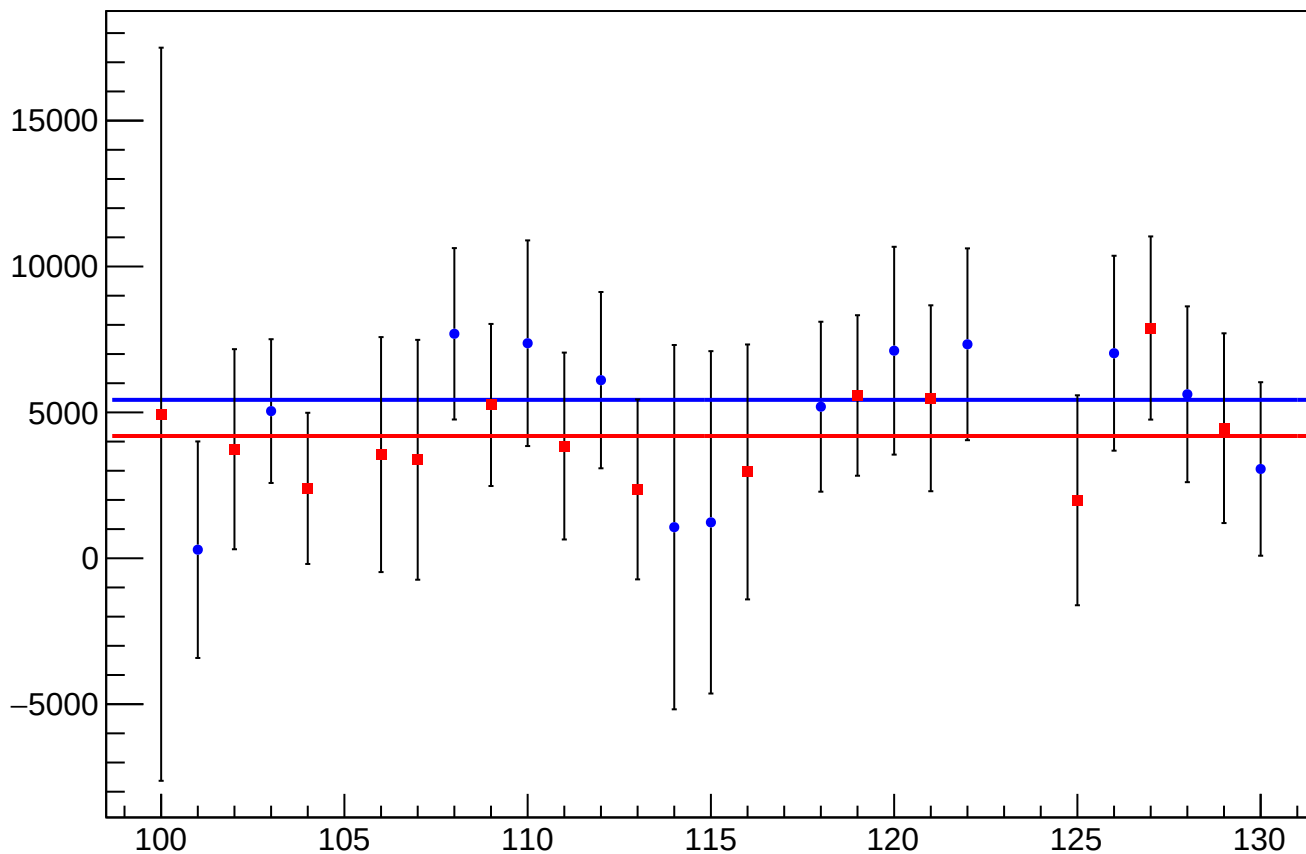
Right: 6971.592+/-1.588 χ^2/NDF : 2850586.9/26

In: 8231.298+/-2.517 χ^2/NDF :289483.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6971.592+/-1.588 χ^2/NDF : 2850586.9/26

cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5430.086 $\pm$ 912.784 χ^2 /NDF: 5.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4191.206 $\pm$ 894.445 χ^2 /NDF: 3.3/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

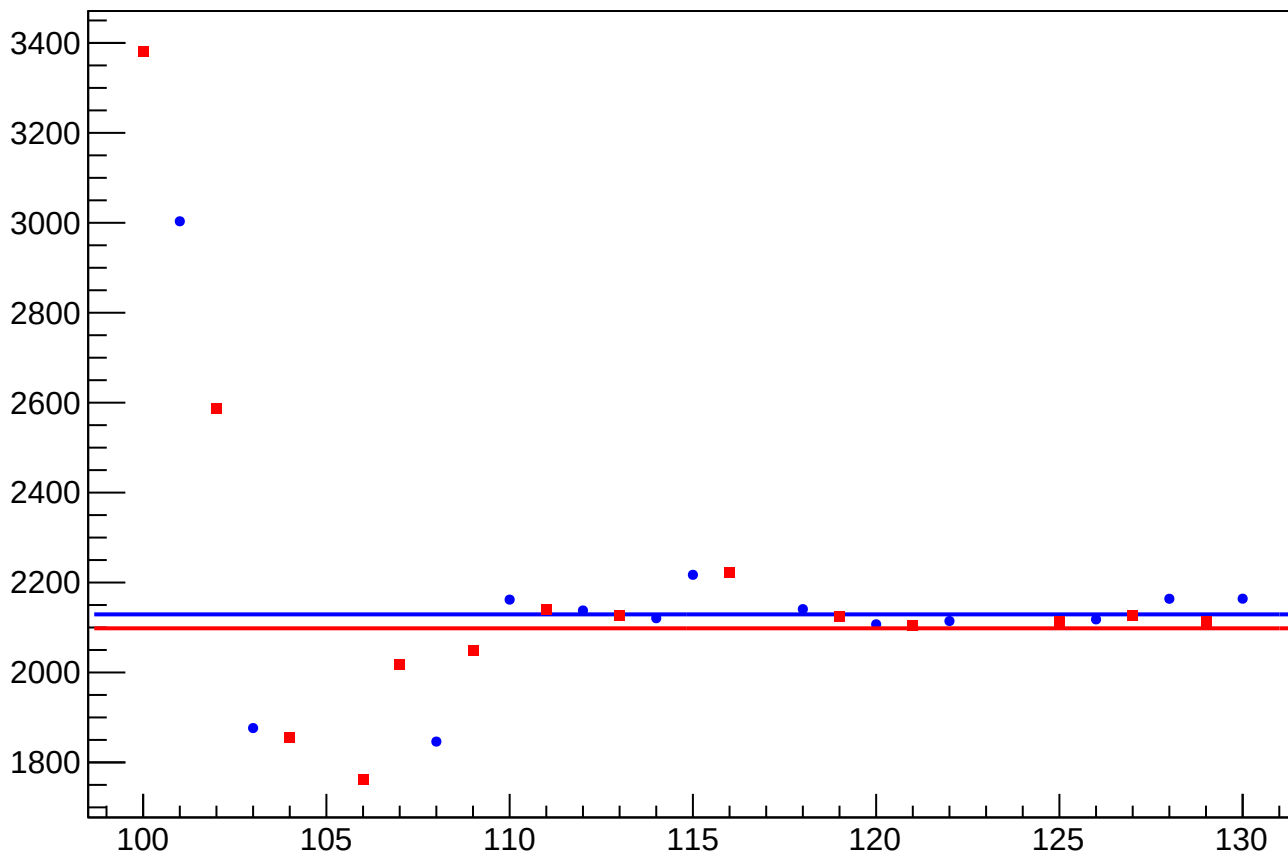
Right: 4798.076 $\pm$ 638.853 χ^2 /NDF: 9.6/26

In: 5430.086 $\pm$ 912.784 χ^2 /NDF: 5.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4798.076 $\pm$ 638.853 χ^2 /NDF: 9.6/26

cor_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2129.204+/-0.645 χ^2/NDF : 151957.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2098.193+/-0.629 χ^2/NDF : 100345.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

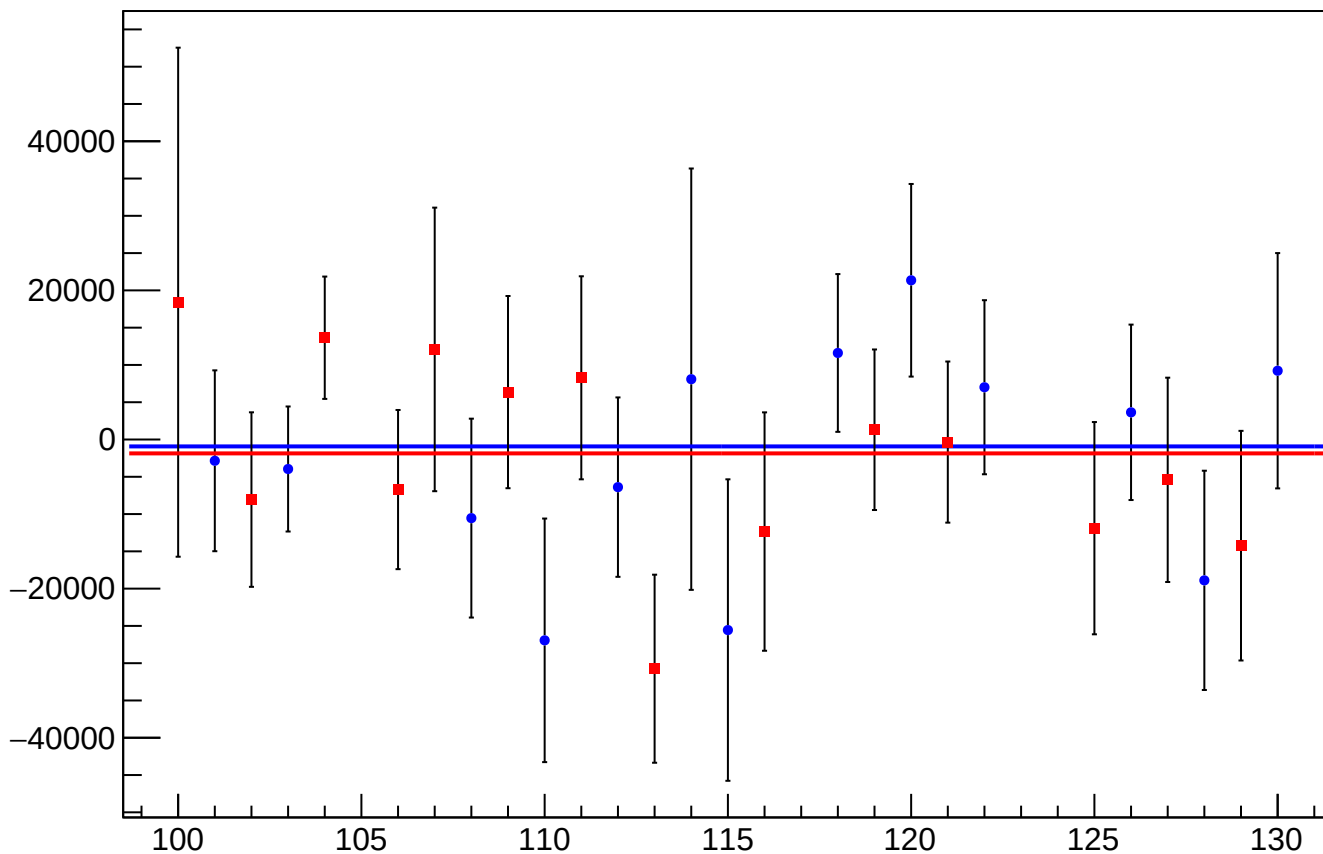
Right: 2113.290+/-0.450 χ^2/NDF : 253487.5/26

In: 2129.204+/-0.645 χ^2/NDF : 151957.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2113.290+/-0.450 χ^2/NDF : 253487.5/26

asym_us_avg_at2lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -926.267+/-3554.728 χ^2/NDF : 11.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1862.661+/-3373.873 χ^2/NDF : 12.9/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

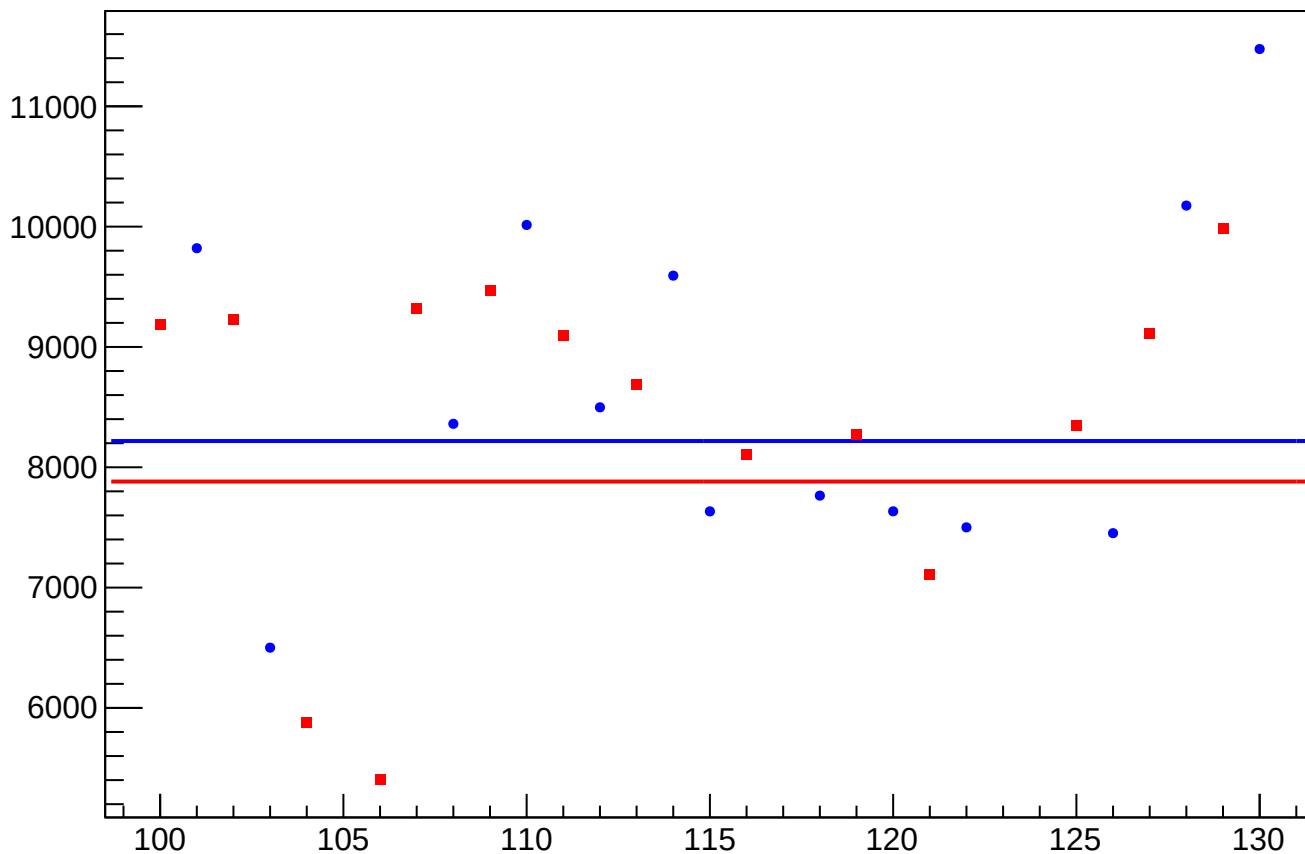
Right: -1418.889+/-2447.128 χ^2/NDF : 24.8/26

In: -926.267+/-3554.728 χ^2/NDF :11.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1418.889+/-2447.128 χ^2/NDF : 24.8/26

asym_us_avg_at2lr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 8218.171+/-2.514 χ^2/NDF : 295239.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7881.365+/-2.386 χ^2/NDF : 391132.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

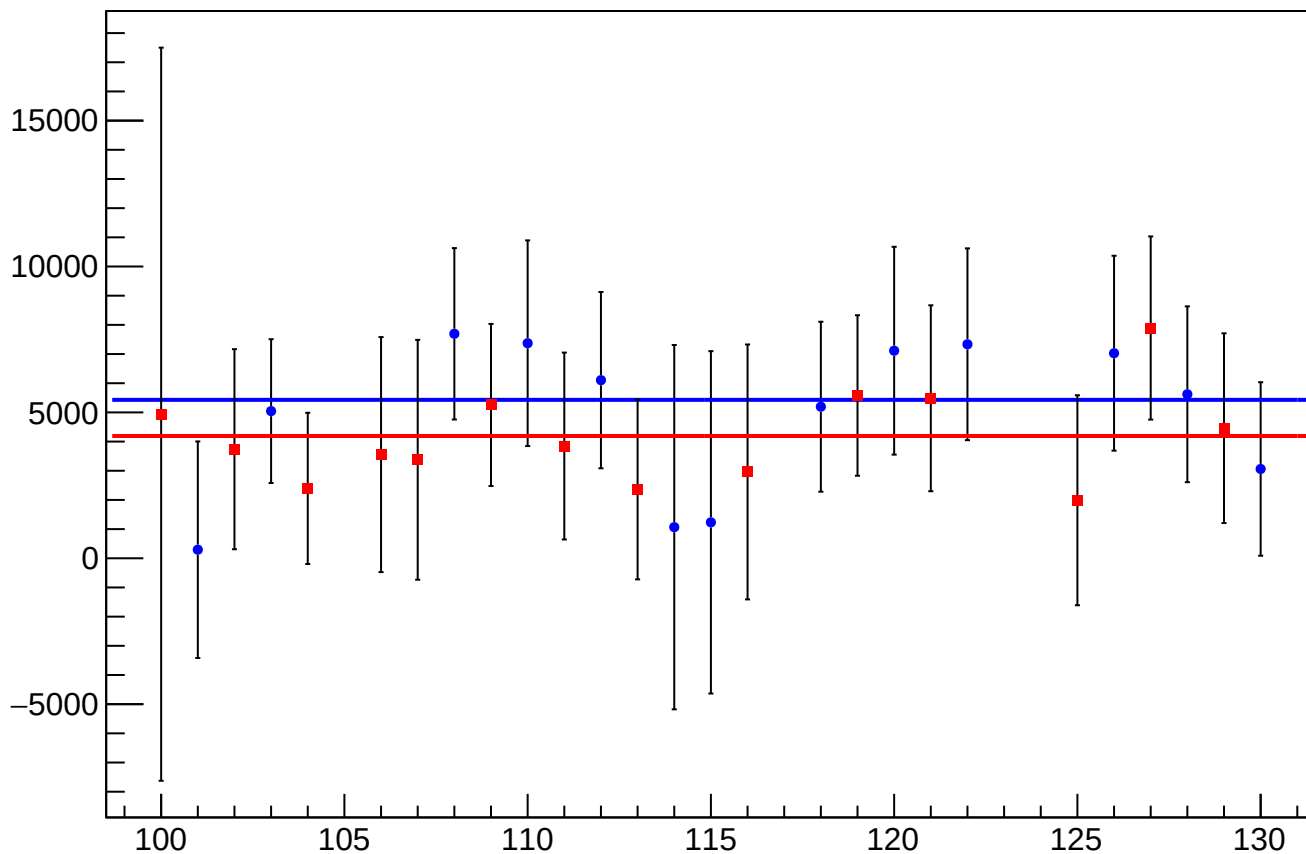
Right: 8040.983+/-1.730 χ^2/NDF : 695818.4/26

In: 8218.171+/-2.514 χ^2/NDF : 295239.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8040.983+/-1.730 χ^2/NDF : 695818.4/26

eigen_cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5430.086+/-912.784 χ^2/NDF : 5.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4191.206+/-894.445 χ^2/NDF : 3.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

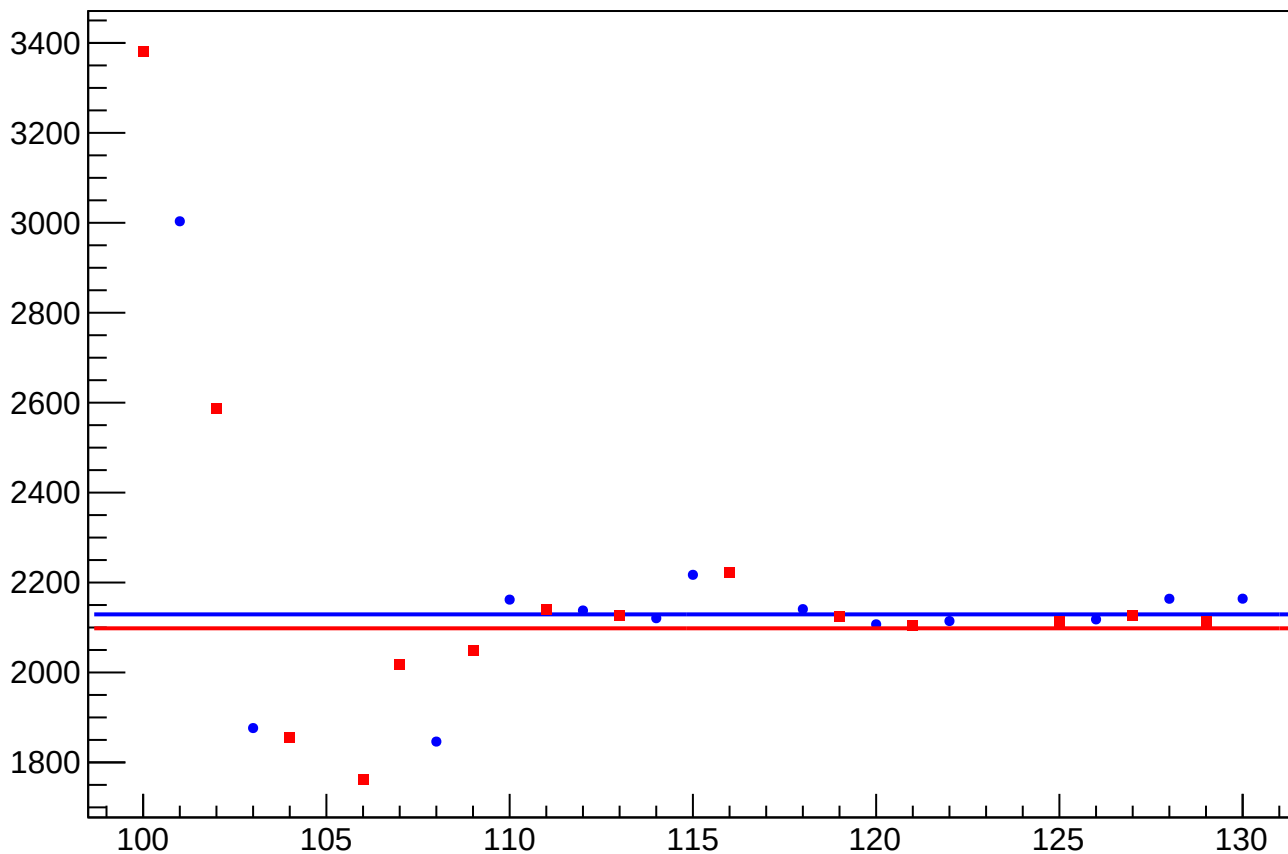
Right: 4798.076+/-638.853 χ^2/NDF : 9.6/26

In: 5430.086+/-912.784 χ^2/NDF : 5.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4798.076+/-638.853 χ^2/NDF : 9.6/26

eigen_cor_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2129.204+/-0.645 χ^2/NDF : 151957.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2098.193+/-0.629 χ^2/NDF : 100345.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

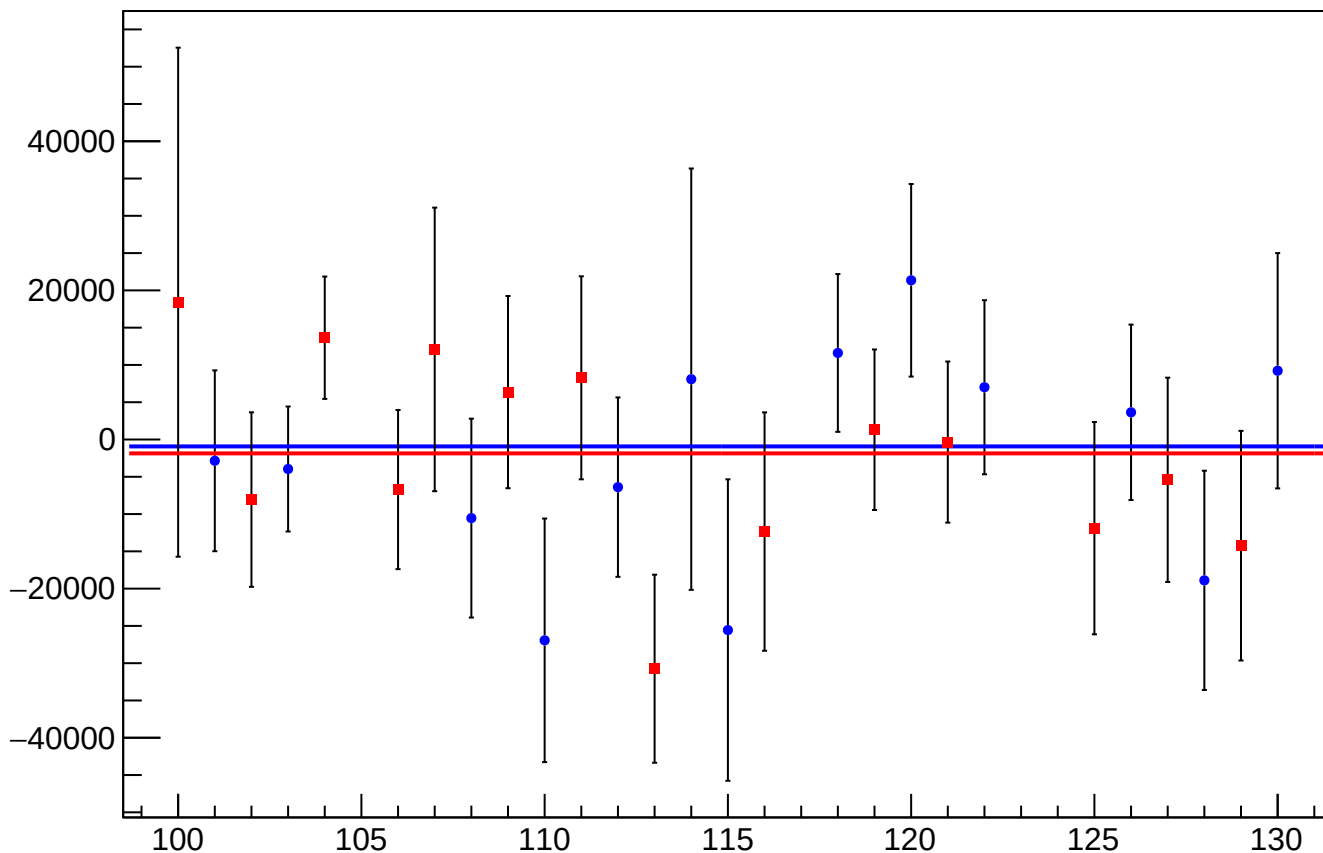
Right: 2113.290+/-0.450 χ^2/NDF : 253487.5/26

In: 2129.204+/-0.645 χ^2/NDF : 151957.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2113.290+/-0.450 χ^2/NDF : 253487.5/26

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -926.267+/-3554.728 χ^2/NDF : 11.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1862.661+/-3373.873 χ^2/NDF : 12.9/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

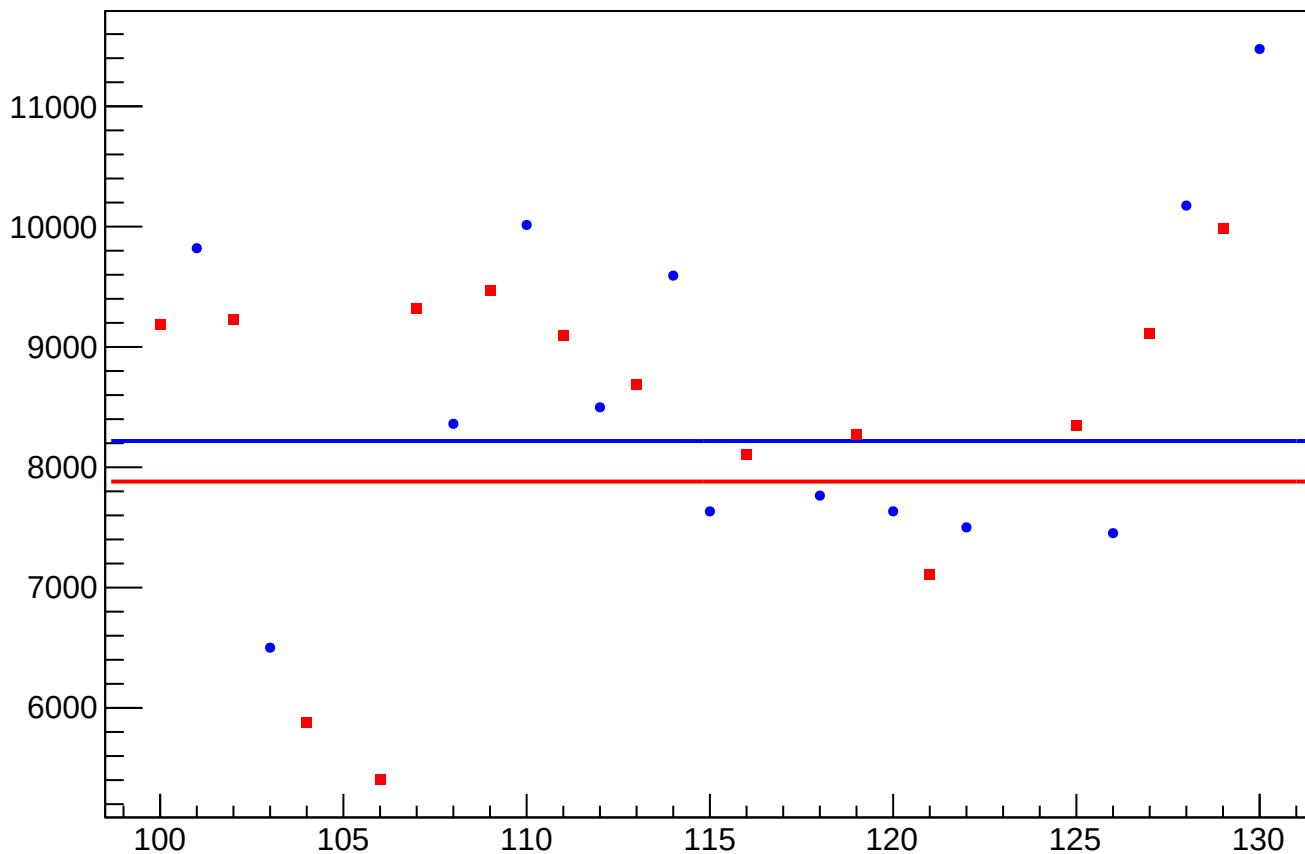
Right: -1418.889+/-2447.128 χ^2/NDF : 24.8/26

In: -926.267+/-3554.728 χ^2/NDF :11.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1418.889+/-2447.128 χ^2/NDF : 24.8/26

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 8218.171+/-2.514 χ^2/NDF : 295239.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7881.365+/-2.386 χ^2/NDF : 391132.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

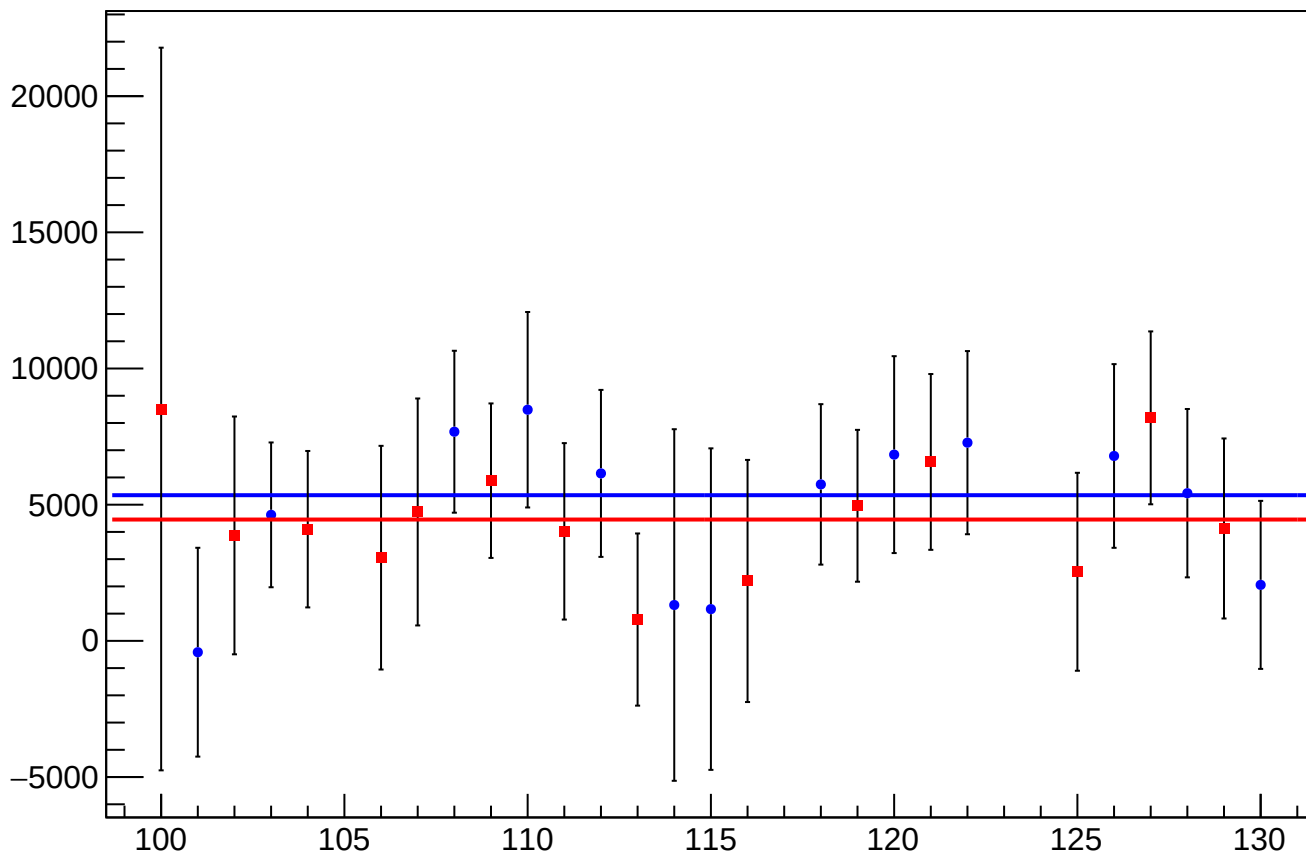
Right: 8040.983+/-1.730 χ^2/NDF : 695818.4/26

In: 8218.171+/-2.514 χ^2/NDF : 295239.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8040.983+/-1.730 χ^2/NDF : 695818.4/26

dit_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5348.614+/-937.645 χ^2/NDF : 6.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4454.898+/-929.336 χ^2/NDF : 4.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

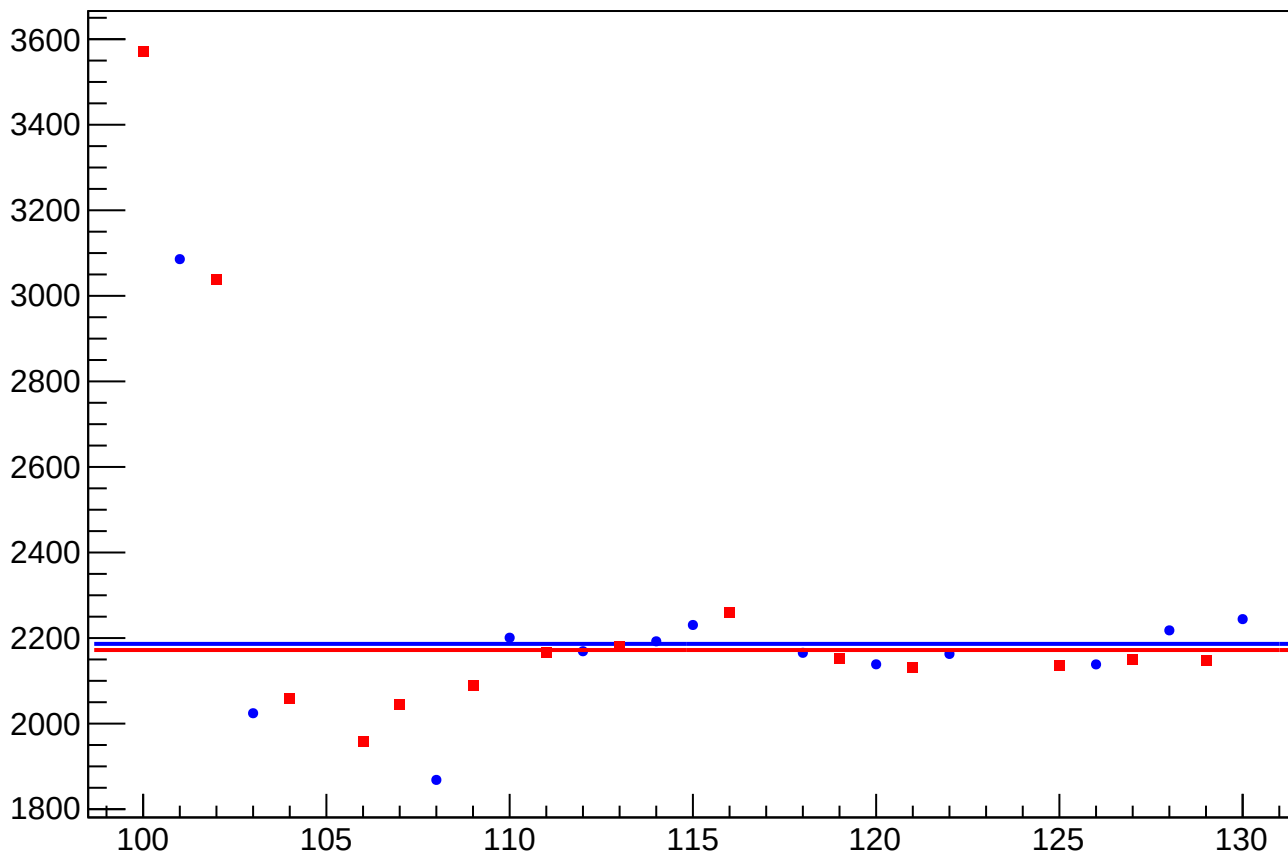
Right: 4897.778+/-660.058 χ^2/NDF : 11.2/26

In: 5348.614+/-937.645 χ^2/NDF : 6.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4897.778+/-660.058 χ^2/NDF : 11.2/26

dit_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2186.390+/-0.663 χ^2/NDF : 142478.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2172.019+/-0.657 χ^2/NDF : 115051.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

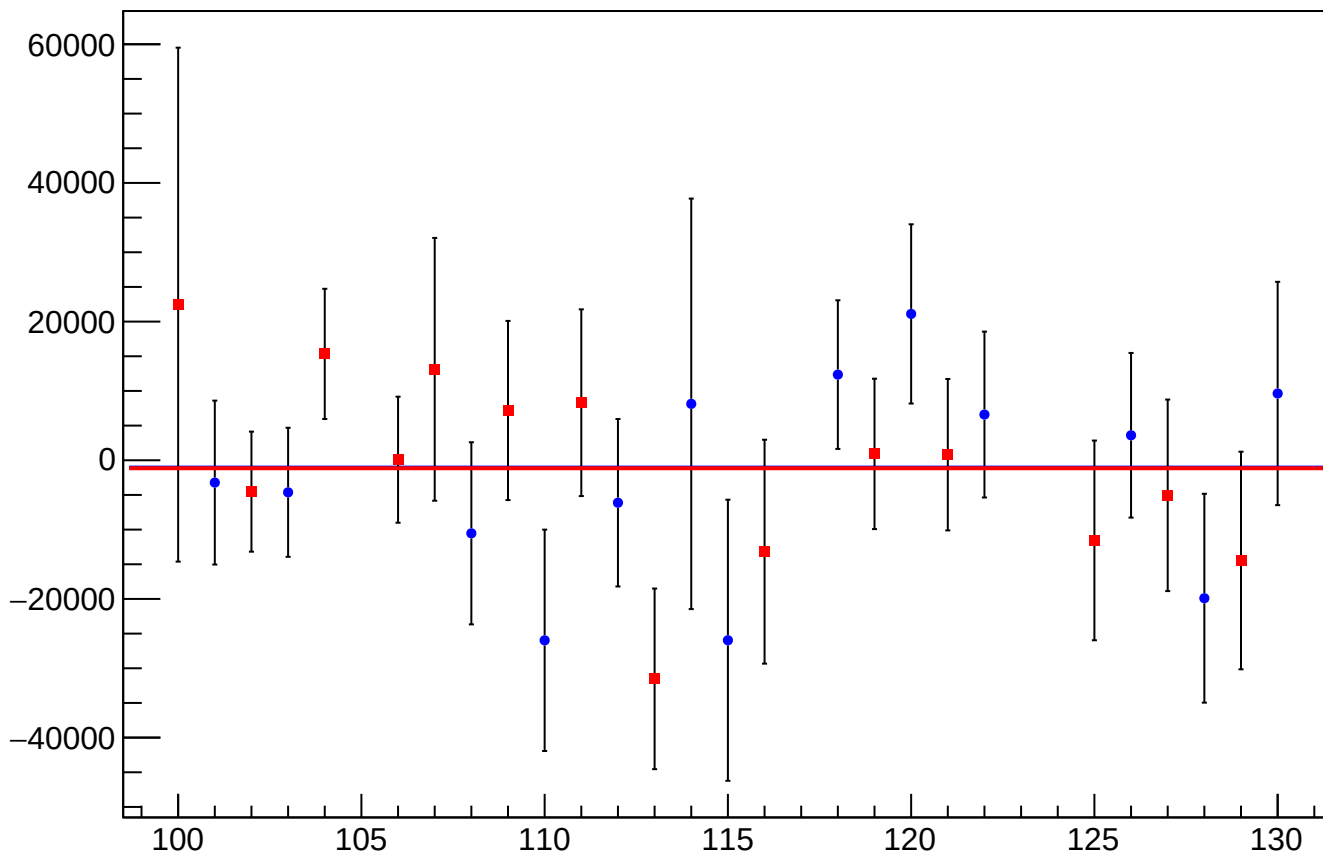
Right: 2179.135+/-0.467 χ^2/NDF : 257767.5/26

In: 2186.390+/-0.663 χ^2/NDF : 142478.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2179.135+/-0.467 χ^2/NDF : 257767.5/26

asym_us_avg_at2lr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1058.763+/-3630.070 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1150.140+/-3286.965 χ^2/NDF : 12.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

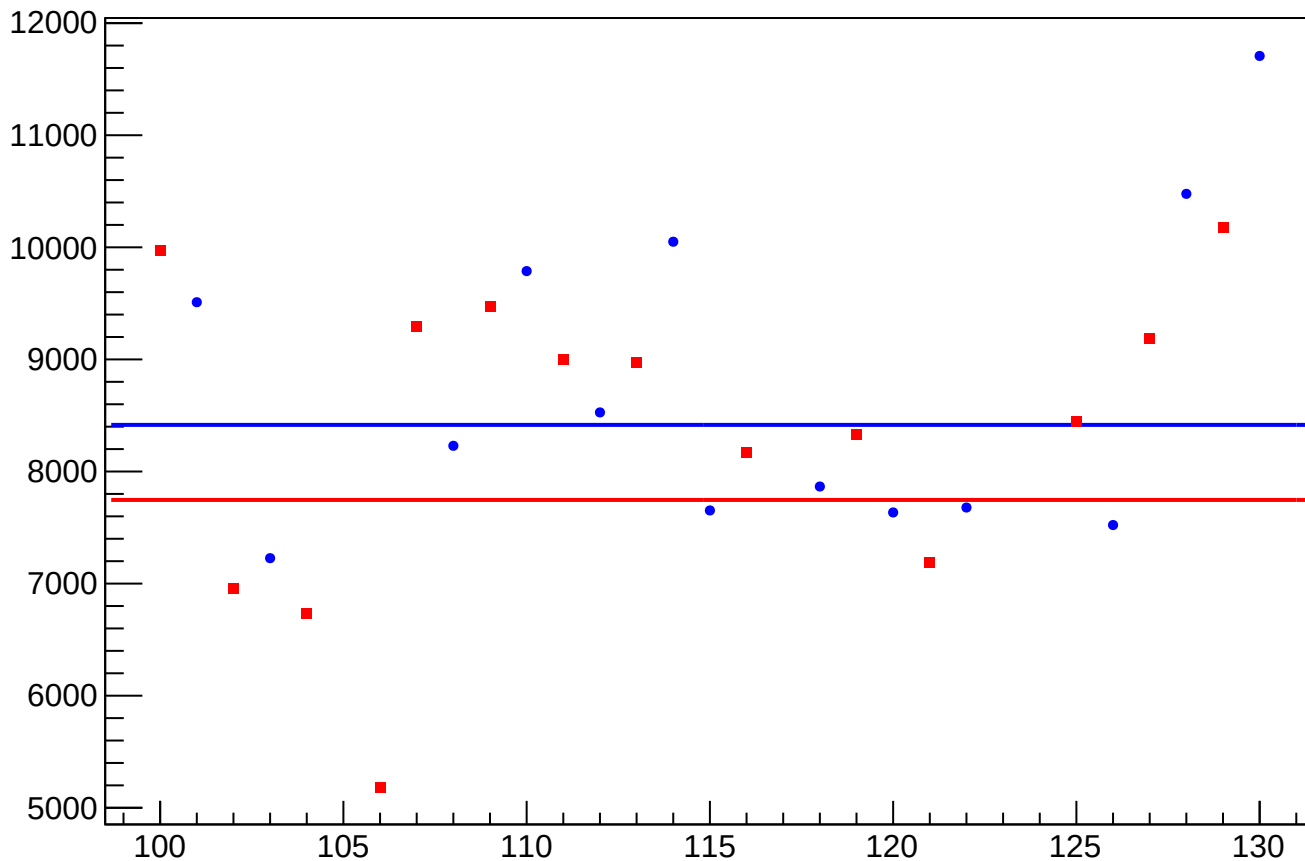
Right: -1108.973+/-2436.528 χ^2/NDF : 24.5/26

In: -1058.763+/-3630.070 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1108.973+/-2436.528 χ^2/NDF : 24.5/26

asym_us_avg_at2lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 8416.002+/-2.567 χ^2/NDF : 226548.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7746.428+/-2.324 χ^2/NDF : 376666.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

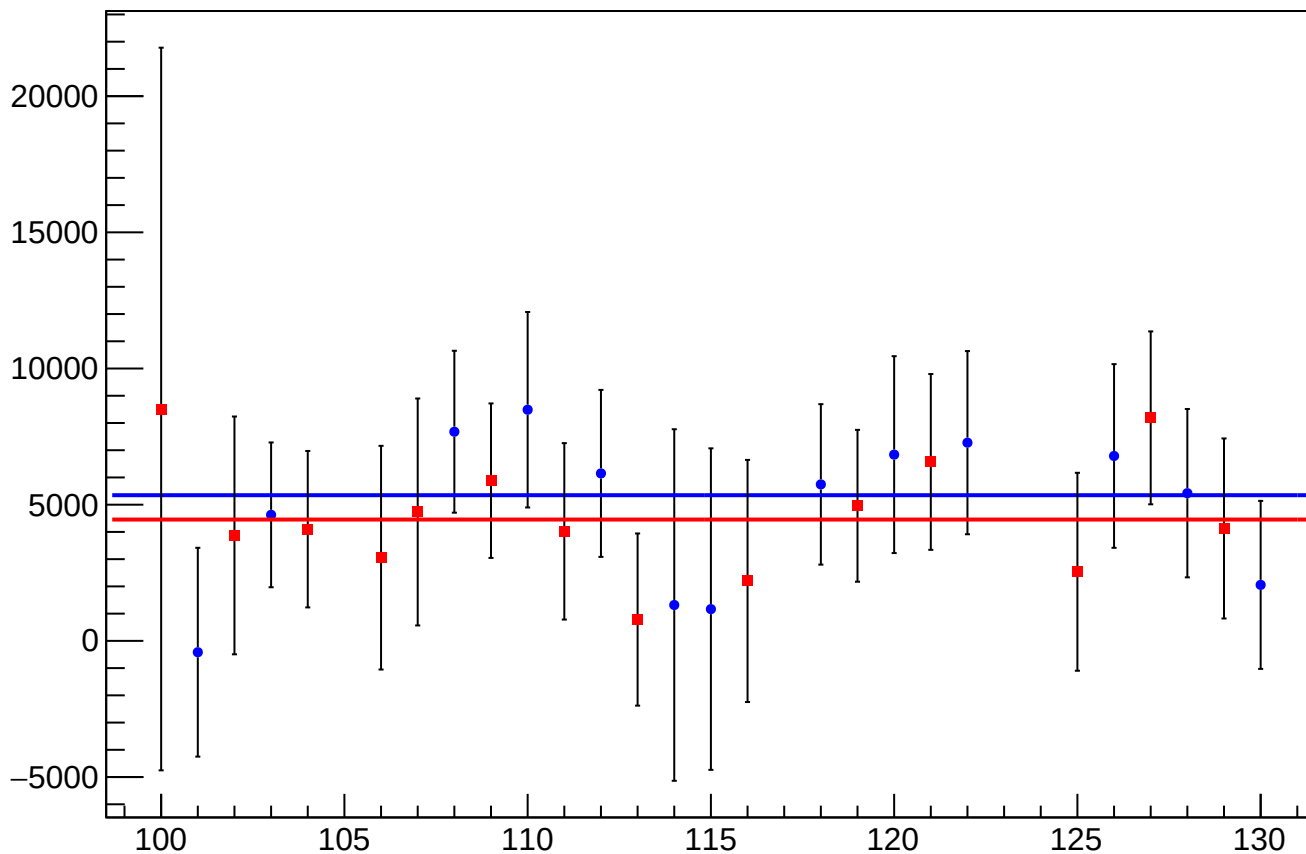
Right: 8048.084+/-1.723 χ^2/NDF : 640604.5/26

In: 8416.002+/-2.567 χ^2/NDF : 226548.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8048.084+/-1.723 χ^2/NDF : 640604.5/26

eigen_dit_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5348.618+/-937.645 χ^2/NDF : 6.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4454.905+/-929.335 χ^2/NDF : 4.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

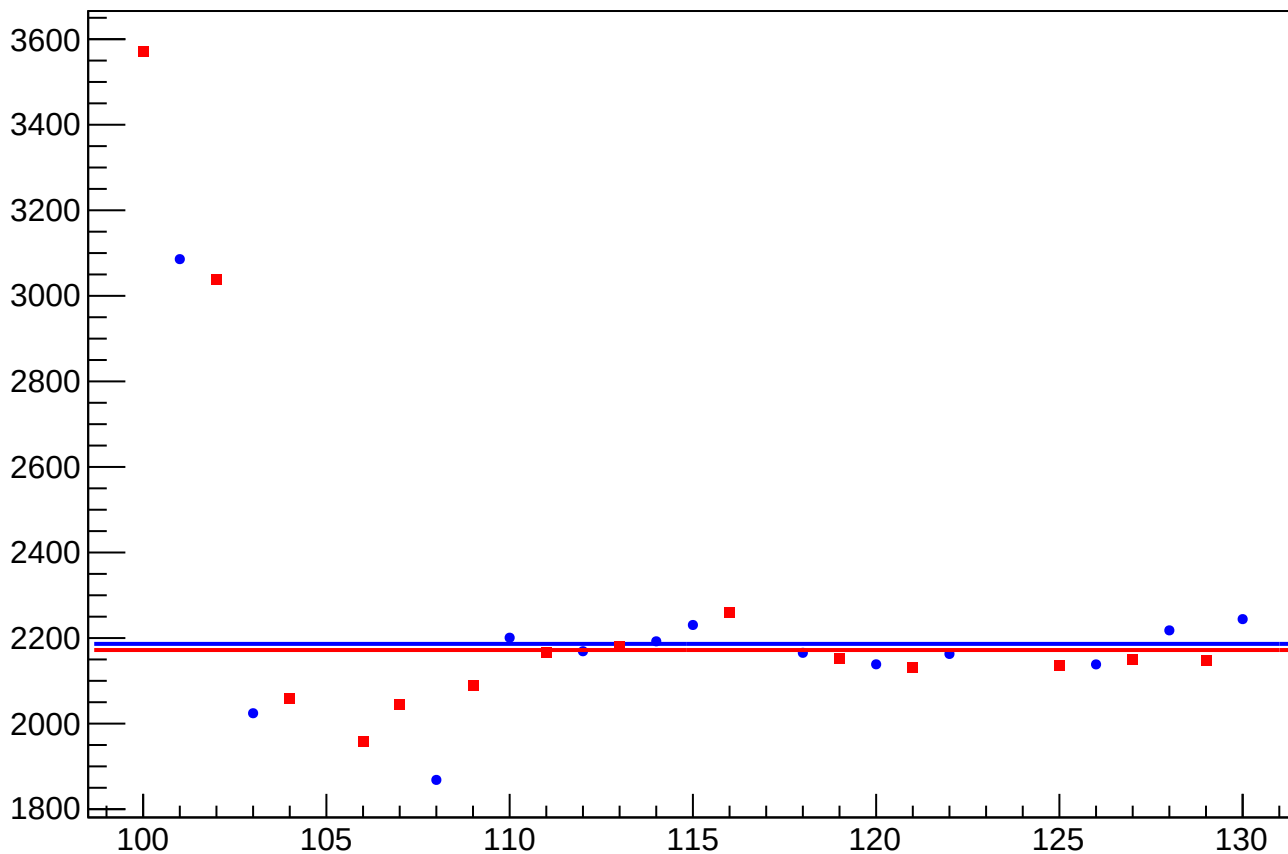
Right: 4897.784+/-660.058 χ^2/NDF : 11.2/26

In: 5348.618+/-937.645 χ^2/NDF : 6.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4897.784+/-660.058 χ^2/NDF : 11.2/26

eigen_dit_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2186.389+/-0.663 χ^2/NDF : 142478.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2172.018+/-0.657 χ^2/NDF : 115051.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

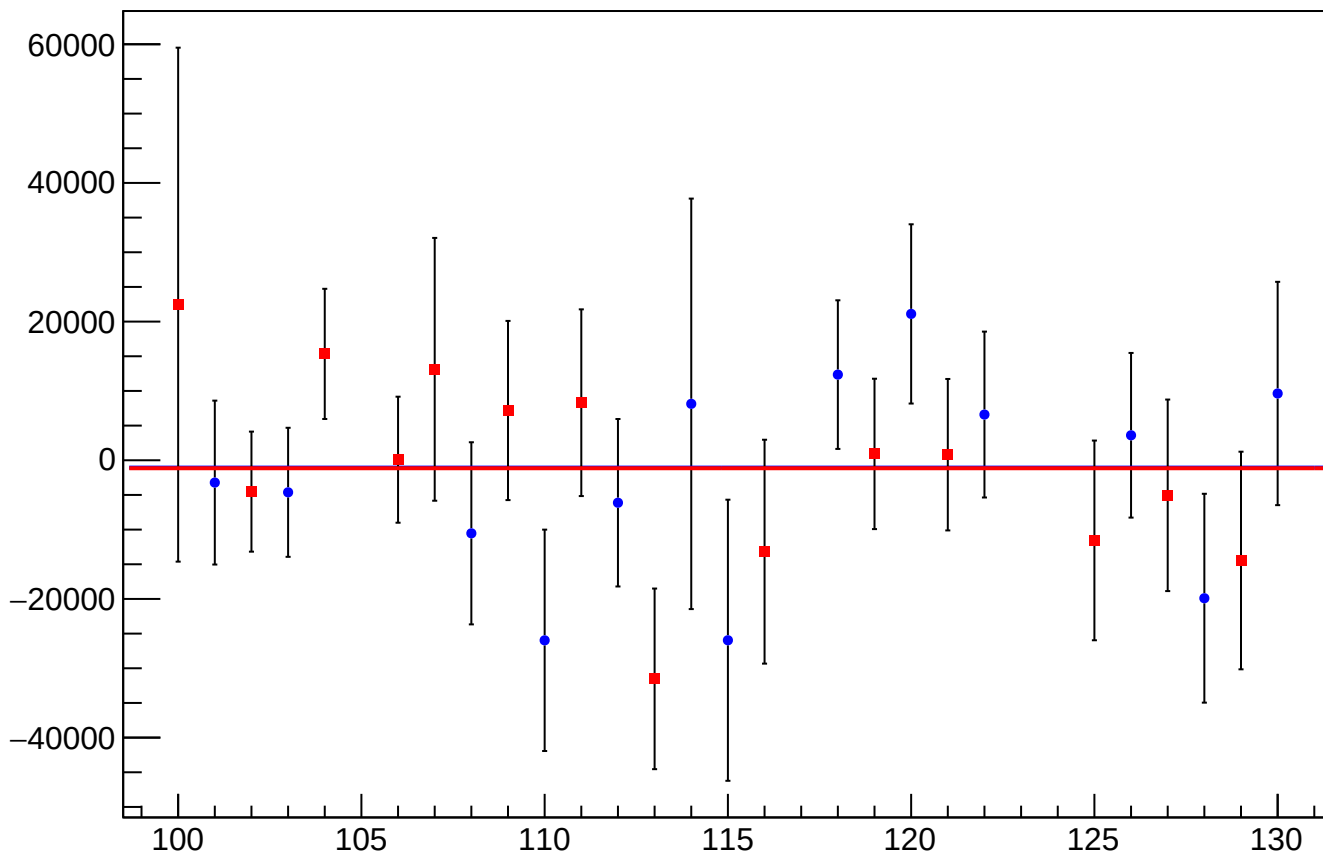
Right: 2179.134+/-0.467 χ^2/NDF : 257767.3/26

In: 2186.389+/-0.663 χ^2/NDF : 142478.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2179.134+/-0.467 χ^2/NDF : 257767.3/26

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1058.748+/-3630.059 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1150.132+/-3286.957 χ^2/NDF : 12.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

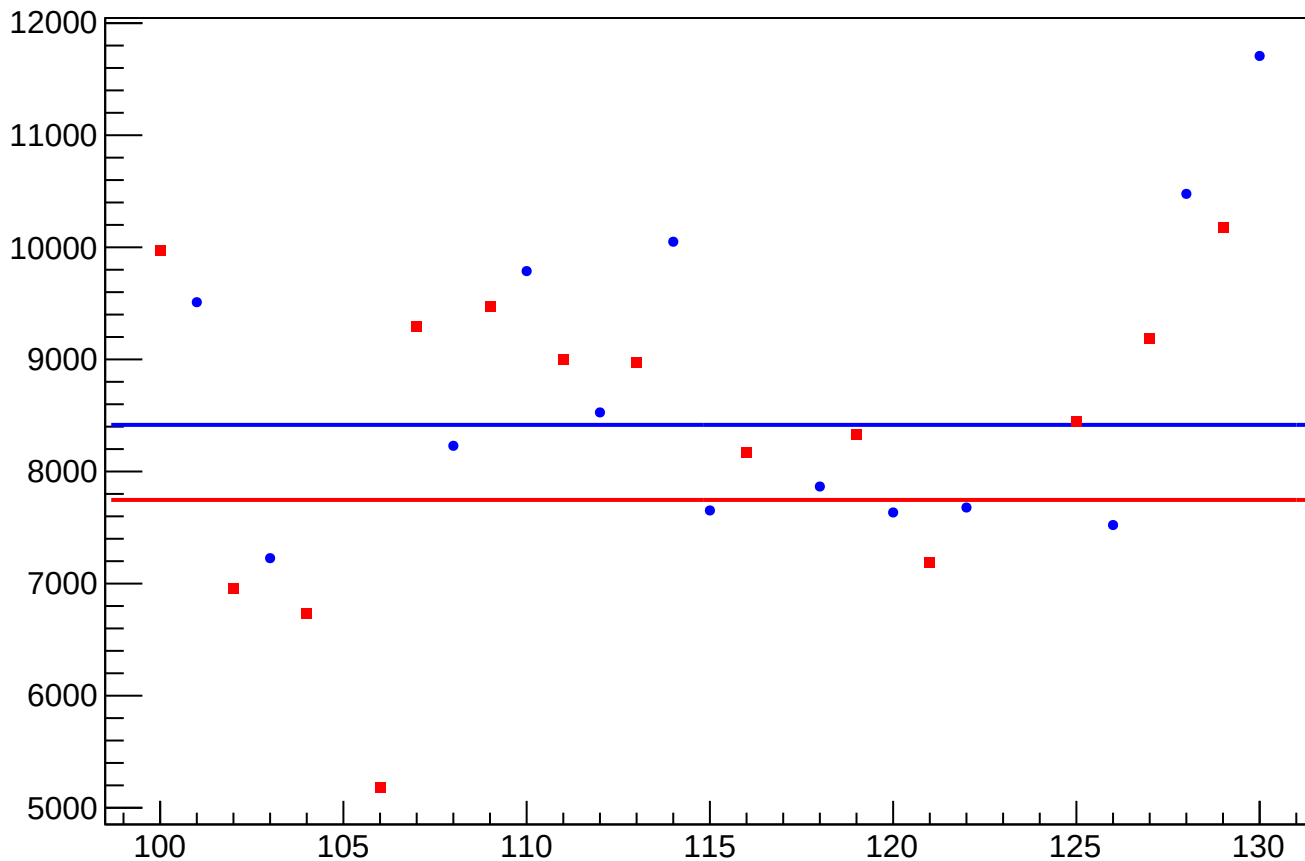
Right: -1108.962+/-2436.522 χ^2/NDF : 24.5/26

In: -1058.748+/-3630.059 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1108.962+/-2436.522 χ^2/NDF : 24.5/26

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 8415.976+/-2.567 χ^2/NDF : 226548.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7746.410+/-2.324 χ^2/NDF : 376663.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

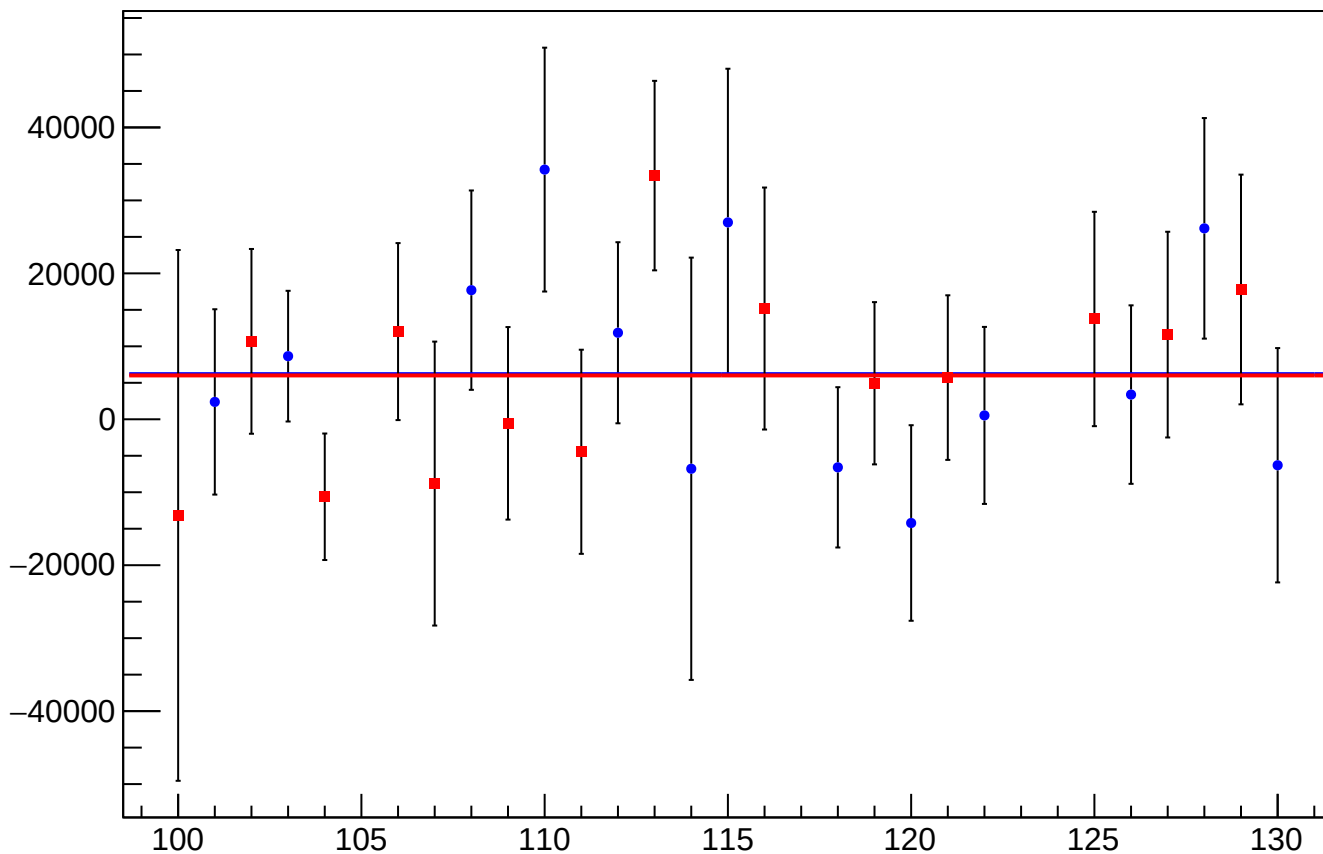
Right: 8048.062+/-1.723 χ^2/NDF : 640600.6/26

In: 8415.976+/-2.567 χ^2/NDF : 226548.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8048.062+/-1.723 χ^2/NDF : 640600.6/26

asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 6185.324+/-3697.825 χ^2/NDF : 11.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 6011.857+/-3539.862 χ^2/NDF : 11.5/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

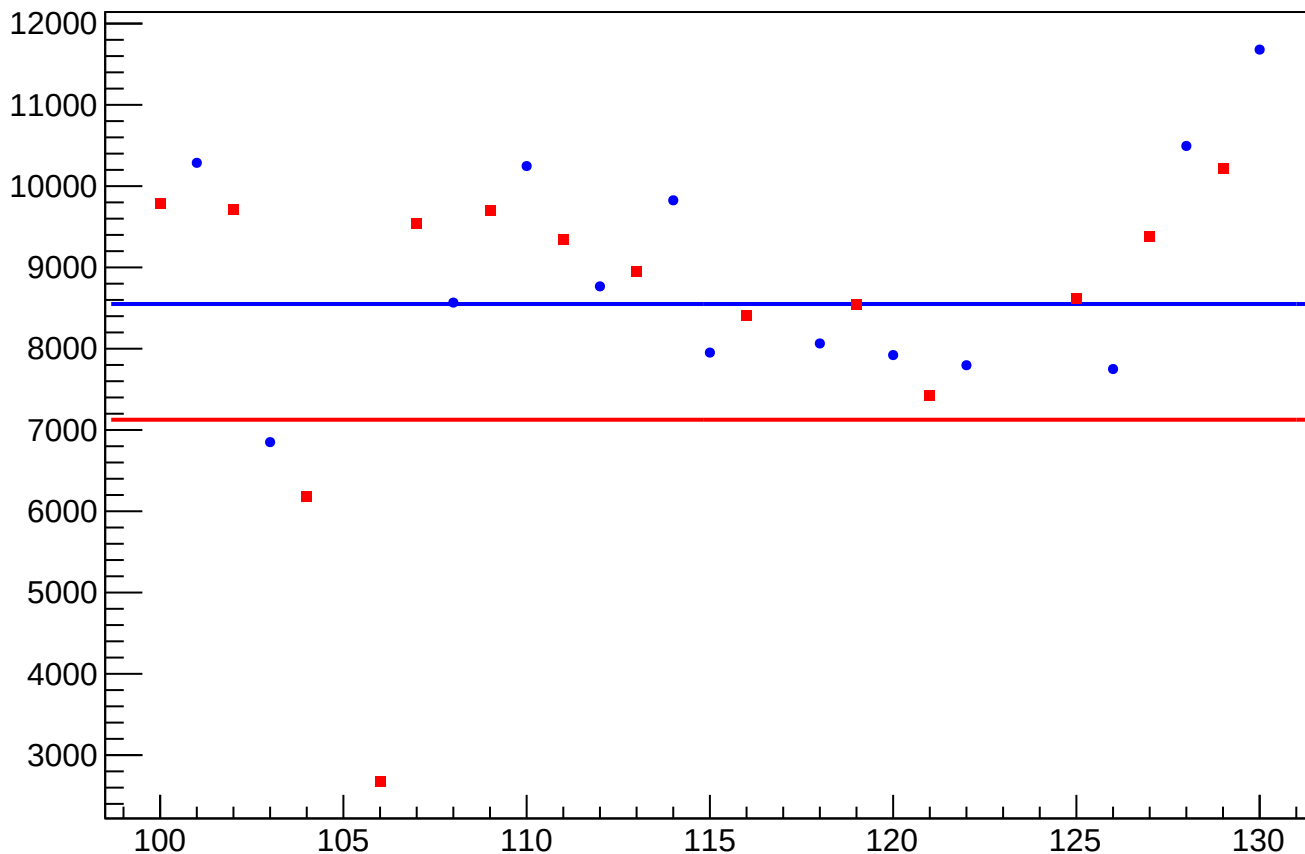
Right: 6094.806+/-2557.081 χ^2/NDF : 22.9/26

In: 6185.324+/-3697.825 χ^2/NDF :11.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6094.806+/-2557.081 χ^2/NDF : 22.9/26

asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 8549.882+/-2.615 χ^2/NDF : 269771.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7126.073+/-2.293 χ^2/NDF : 1382806.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

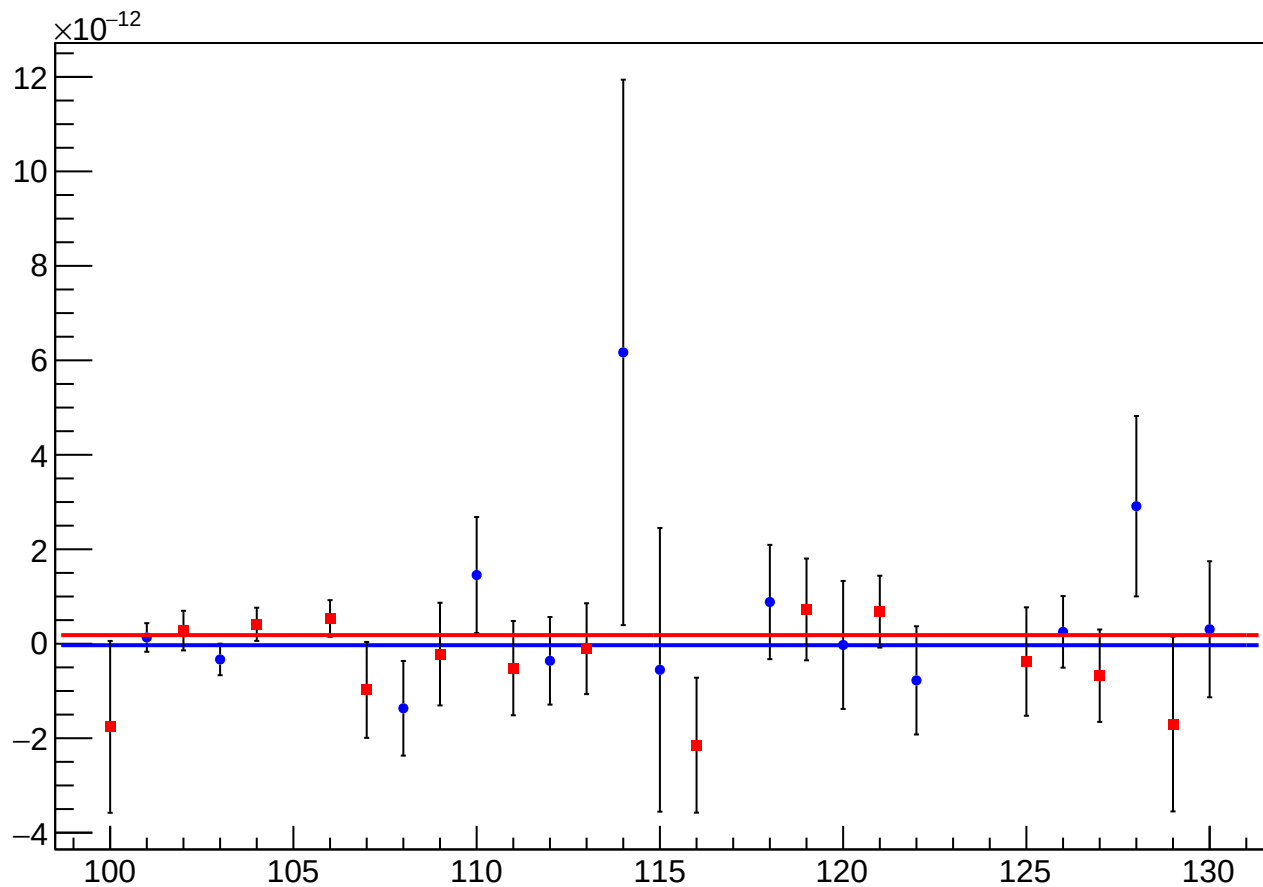
Right: 7745.100+/-1.724 χ^2/NDF : 1820180.2/26

In: 8549.882+/-2.615 χ^2/NDF : 269771.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7745.100+/-1.724 χ^2/NDF : 1820180.2/26

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

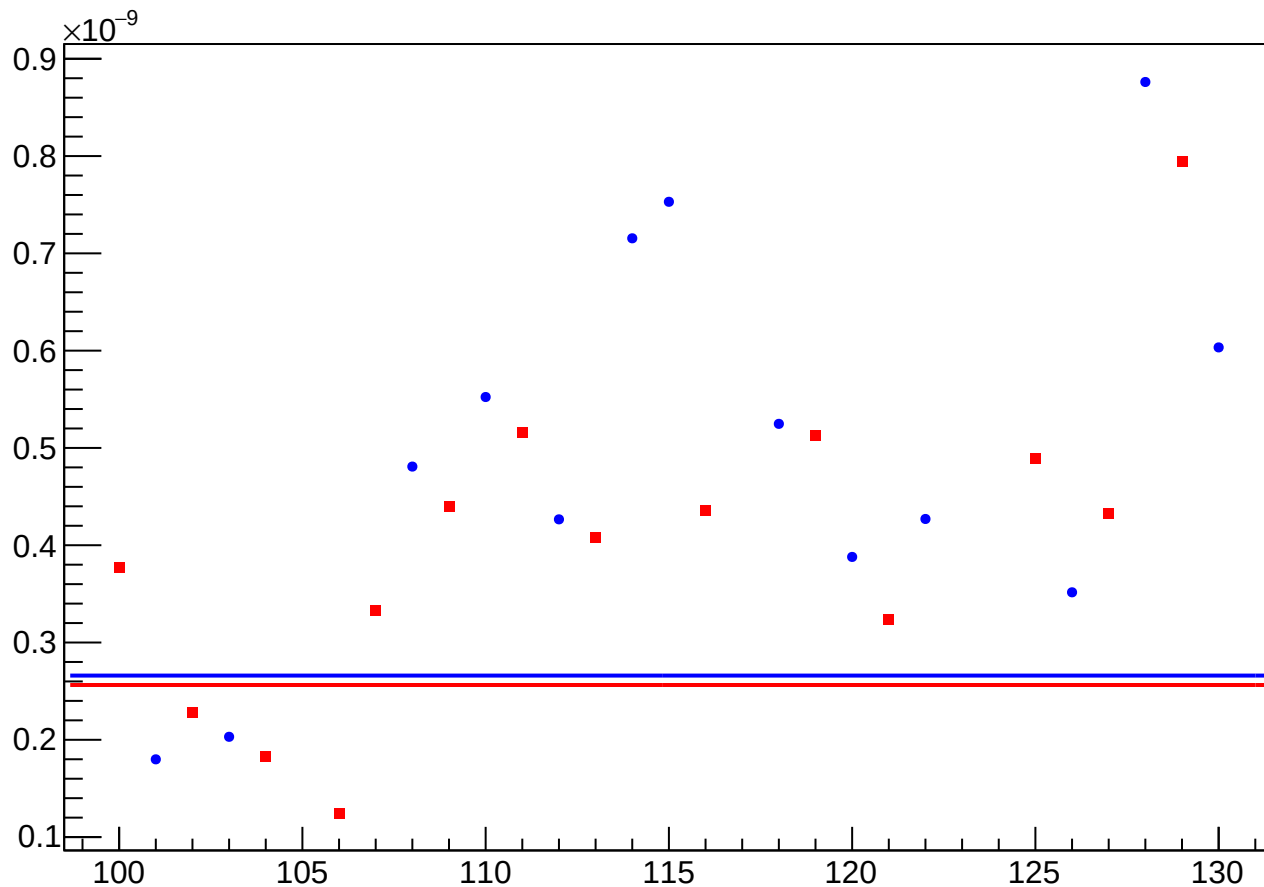
Right: 0.000+/-0.000 χ^2/NDF : 19.7/26

In: -0.000+/-0.000 χ^2/NDF : 9.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.7/26

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1044603.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1067117.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

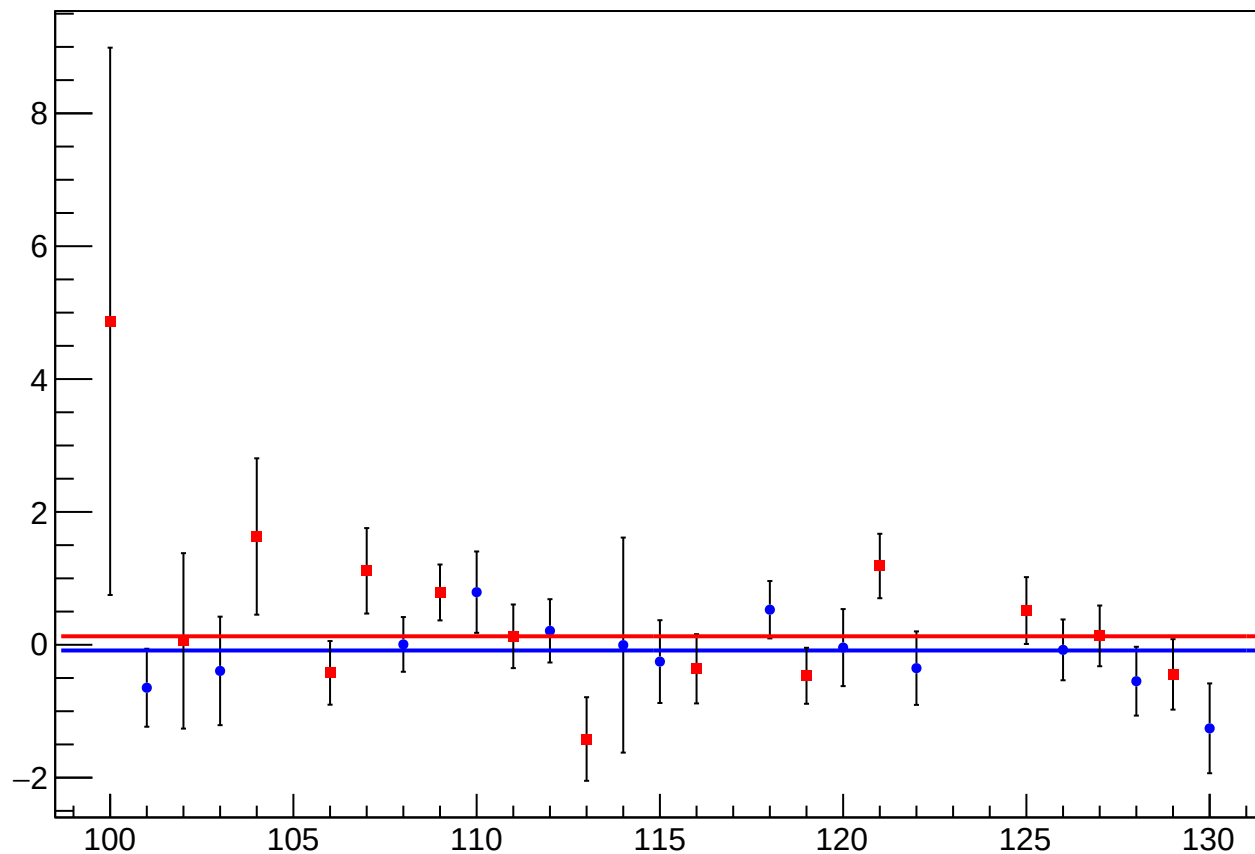
Right: 0.000+/-0.000 χ^2/NDF : 2114396.1/26

In: 0.000+/-0.000 χ^2/NDF : 1044603.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2114396.1/26

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.086 ± 0.153 χ^2/NDF : 9.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.128 ± 0.147 χ^2/NDF : 24.5/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

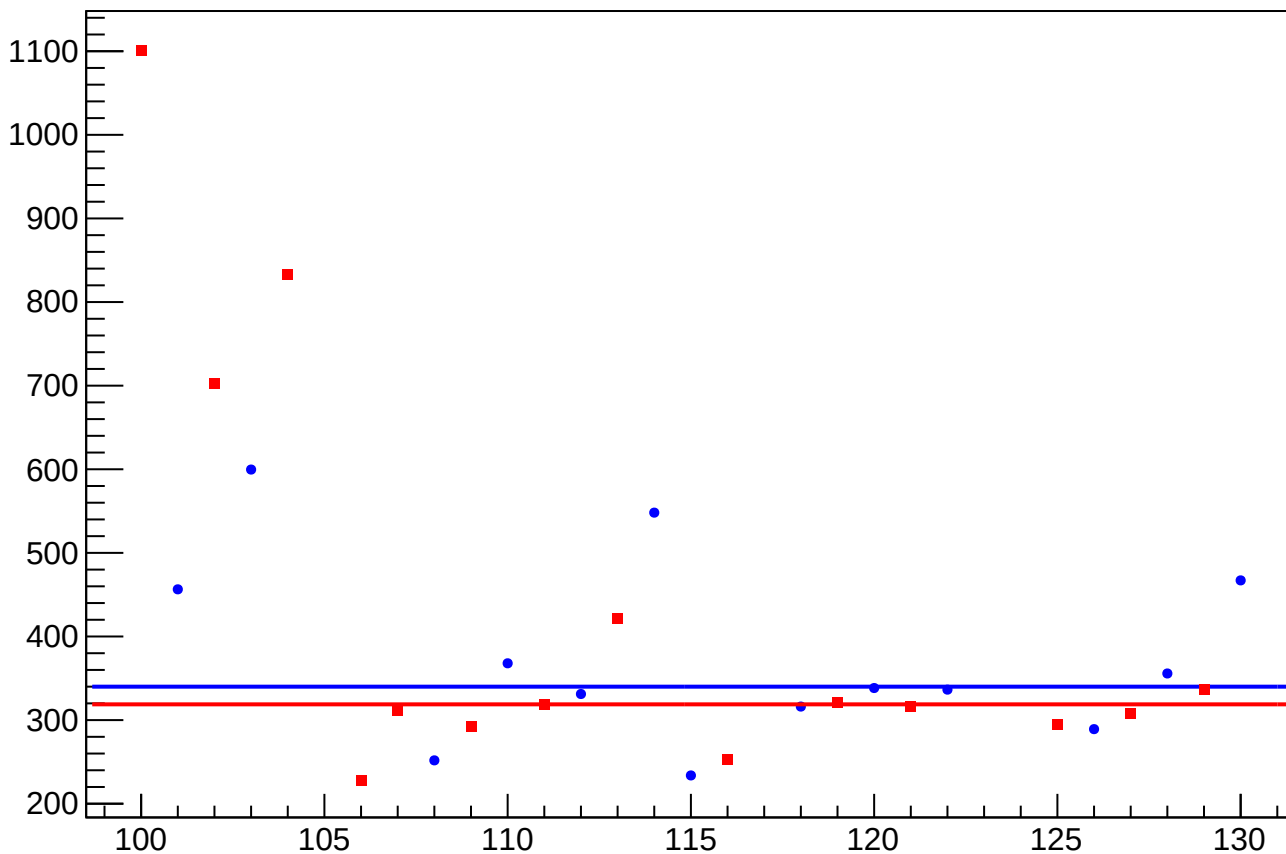
Right: 0.026 ± 0.106 χ^2/NDF : 35.2/26

In: -0.086 ± 0.153 χ^2/NDF : 9.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.026 ± 0.106 χ^2/NDF : 35.2/26

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 339.988 $\pm$ 0.108 χ^2 /NDF: 571853.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 318.843 $\pm$ 0.104 χ^2 /NDF: 797235.1/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

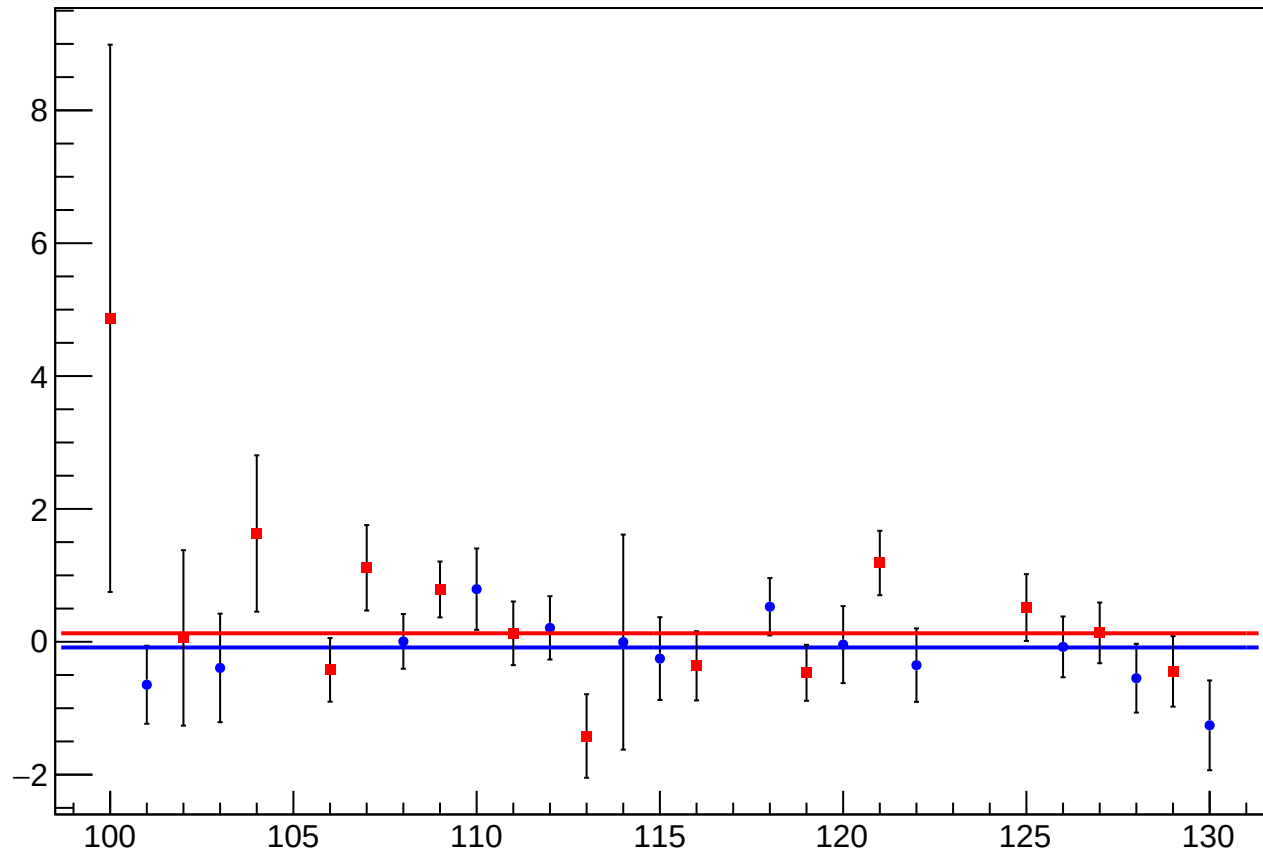
Right: 328.952 $\pm$ 0.075 χ^2 /NDF: 1388982.8/26

In: 339.988 $\pm$ 0.108 χ^2 /NDF:571853.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 328.952 $\pm$ 0.075 χ^2 /NDF: 1388982.8/26

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.086 ± 0.153 χ^2/NDF : 9.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.128 ± 0.147 χ^2/NDF : 24.5/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

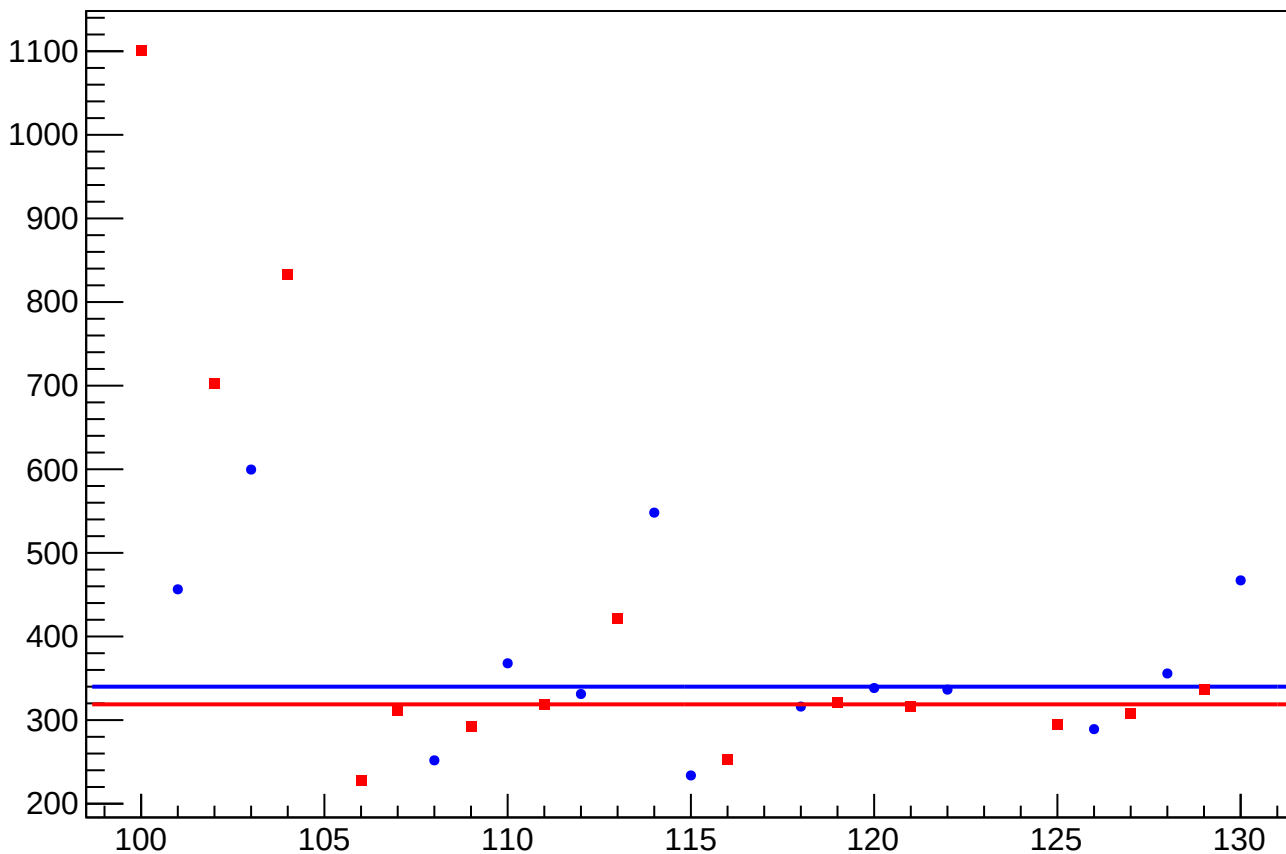
Right: 0.026 ± 0.106 χ^2/NDF : 35.2/26

In: -0.086 ± 0.153 χ^2/NDF : 9.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.026 ± 0.106 χ^2/NDF : 35.2/26

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 339.988+/-0.108 χ^2/NDF : 571853.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 318.843+/-0.104 χ^2/NDF : 797235.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

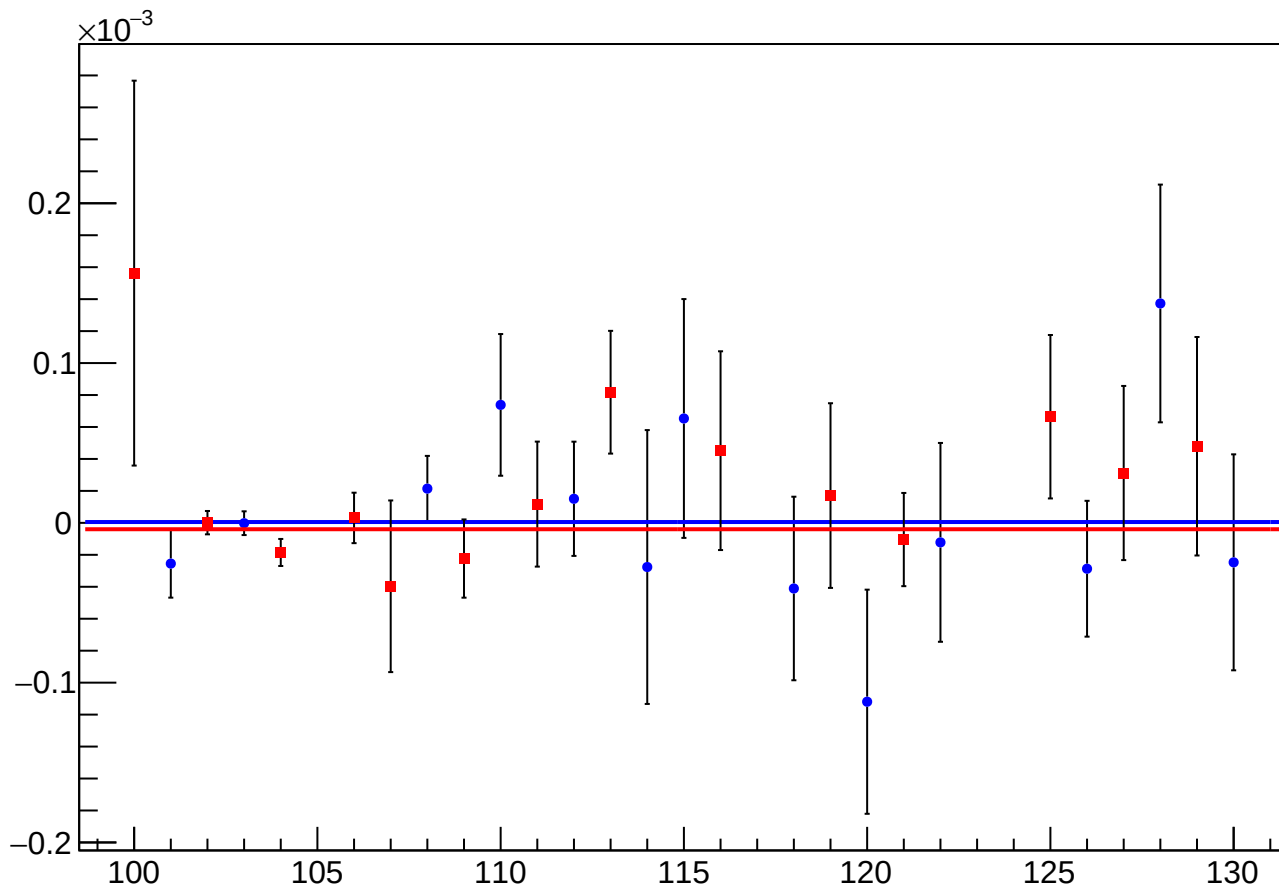
Right: 328.952+/-0.075 χ^2/NDF : 1388982.8/26

In: 339.988+/-0.108 χ^2/NDF : 571853.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.952+/-0.075 χ^2/NDF : 1388982.8/26

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

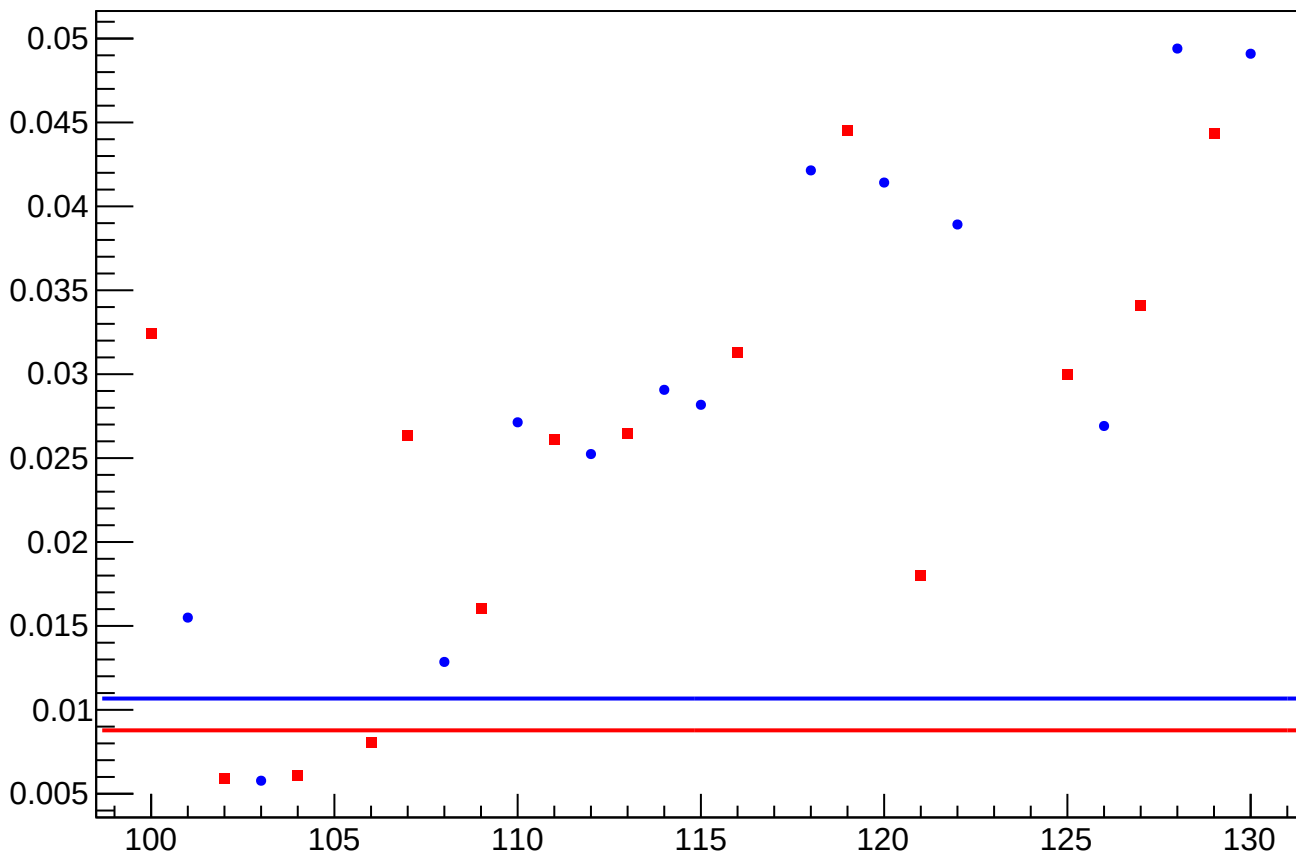
Right: -0.000+/-0.000 χ^2/NDF : 28.8/26

In: 0.000+/-0.000 χ^2/NDF : 13.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.8/26

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 4681478.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 4348144.1/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

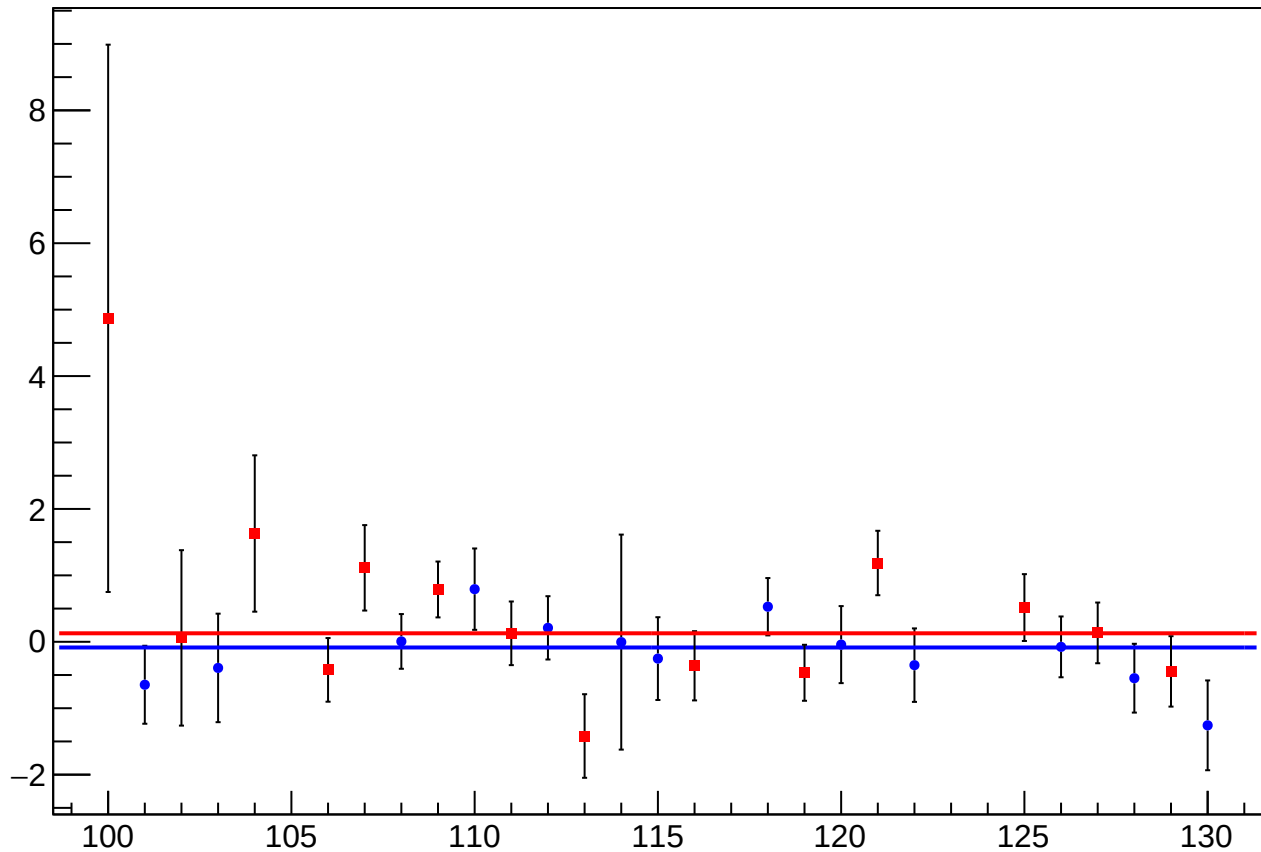
Right: 0.009+/-0.000 χ^2/NDF : 9145953.7/26

In: 0.011+/-0.000 χ^2/NDF :4681478.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.009+/-0.000 χ^2/NDF : 9145953.7/26

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.086 ± 0.153 χ^2/NDF : 9.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.128 ± 0.147 χ^2/NDF : 24.5/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

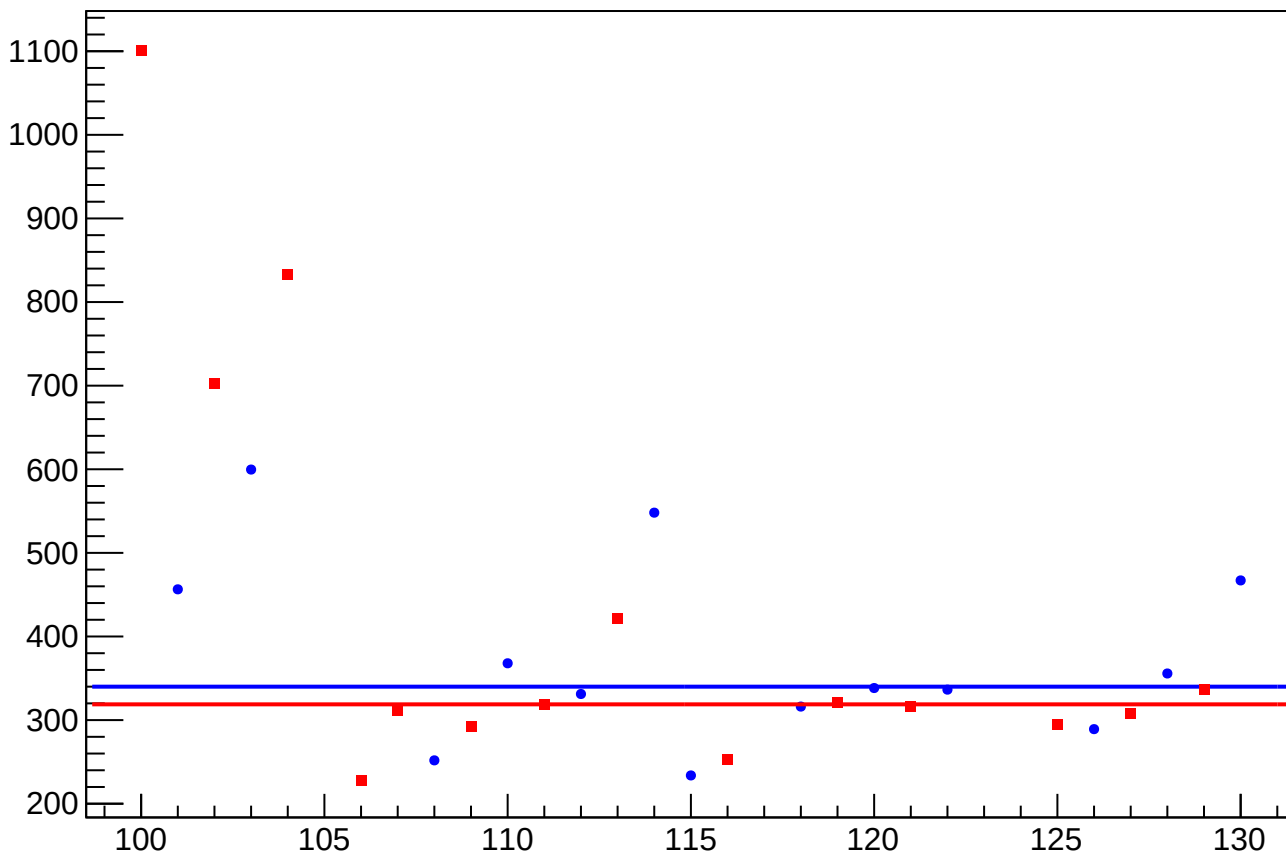
Right: 0.026 ± 0.106 χ^2/NDF : 35.2/26

In: -0.086 ± 0.153 χ^2/NDF : 9.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.026 ± 0.106 χ^2/NDF : 35.2/26

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 339.986+/-0.108 χ^2/NDF : 571799.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 318.841+/-0.104 χ^2/NDF : 797215.4/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

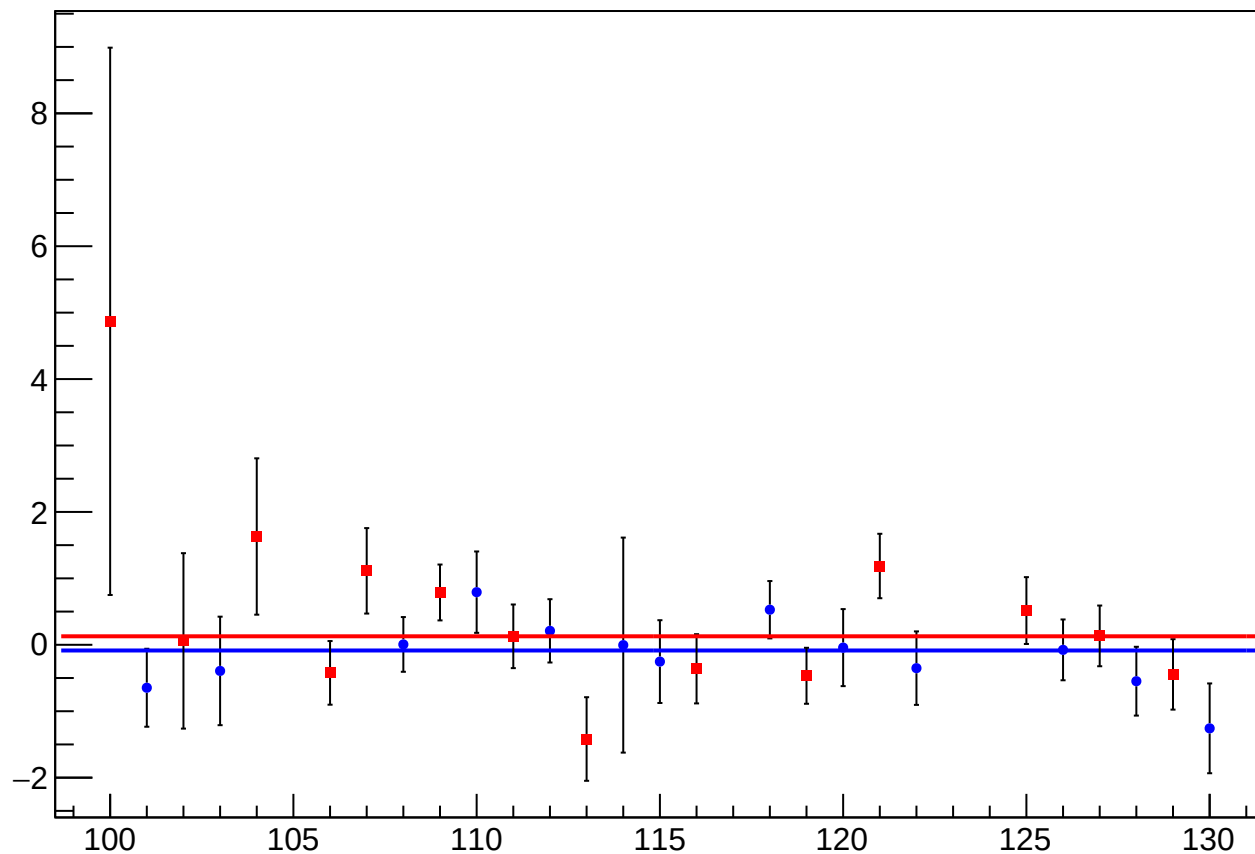
Right: 328.950+/-0.075 χ^2/NDF : 1388909.7/26

In: 339.986+/-0.108 χ^2/NDF :571799.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 328.950+/-0.075 χ^2/NDF : 1388909.7/26

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.086 ± 0.153 χ^2/NDF : 9.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.128 ± 0.147 χ^2/NDF : 24.5/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

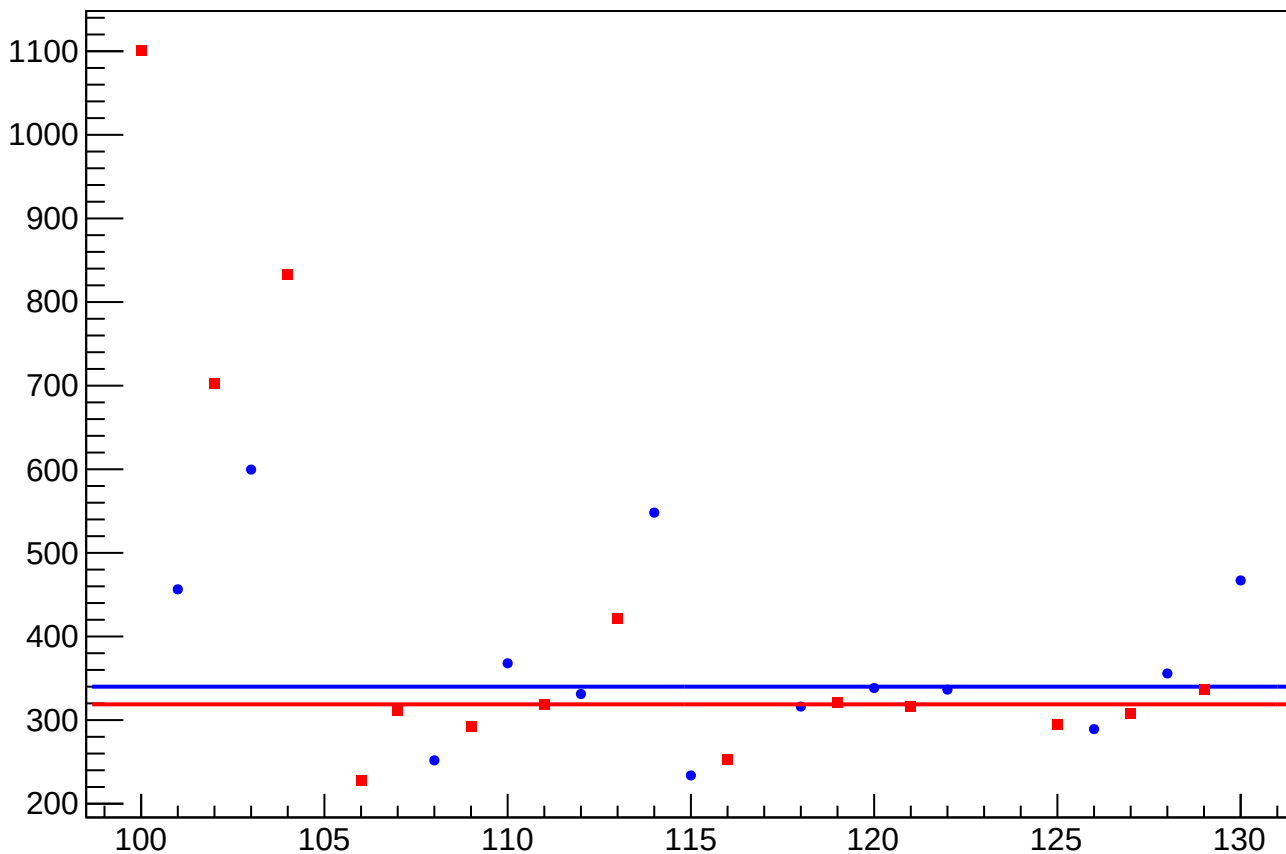
Right: 0.026 ± 0.106 χ^2/NDF : 35.2/26

In: -0.086 ± 0.153 χ^2/NDF : 9.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.026 ± 0.106 χ^2/NDF : 35.2/26

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 339.986 $\pm$ 0.108 χ^2 /NDF: 571799.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 318.841 $\pm$ 0.104 χ^2 /NDF: 797215.4/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

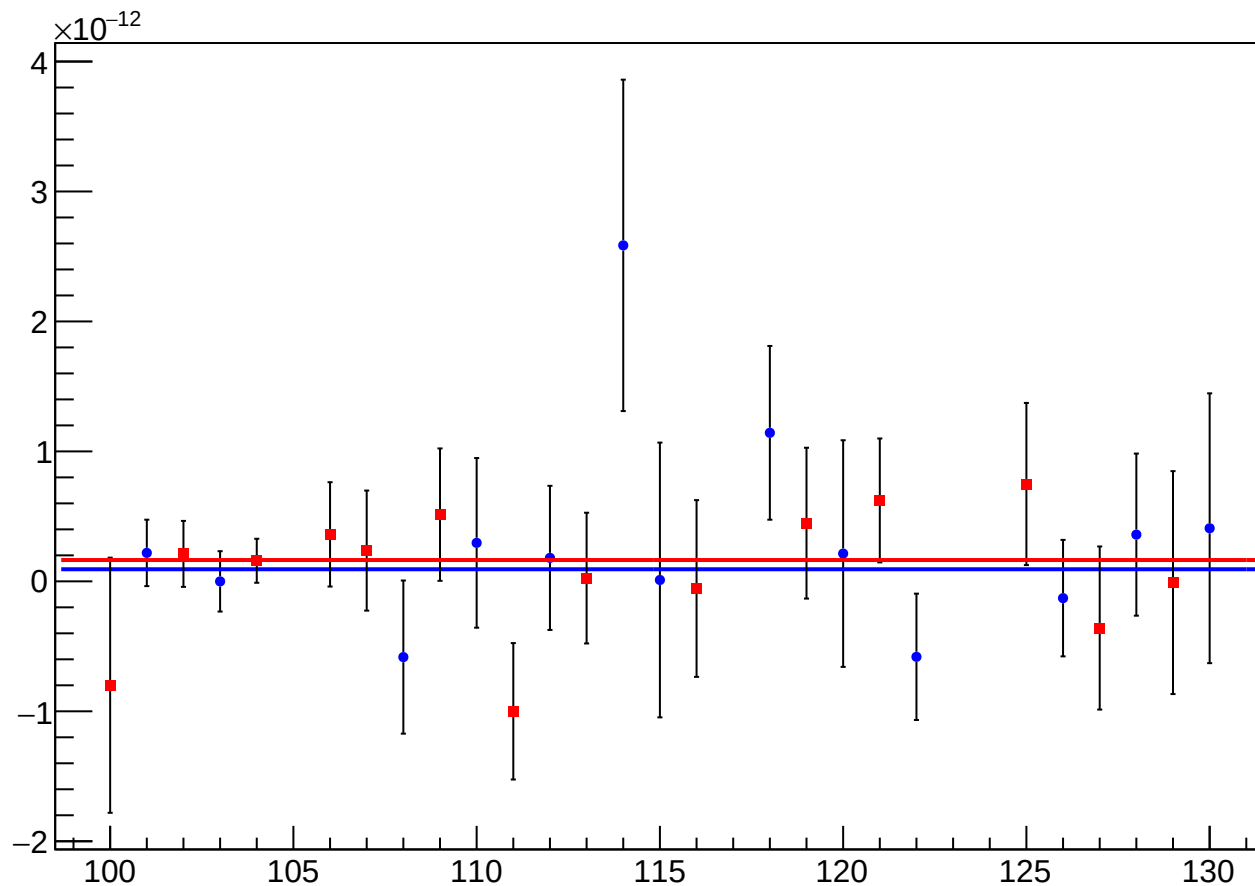
Right: 328.950 $\pm$ 0.075 χ^2 /NDF: 1388909.7/26

In: 339.986 $\pm$ 0.108 χ^2 /NDF:571799.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 328.950 $\pm$ 0.075 χ^2 /NDF: 1388909.7/26

asym_us_avg_at2lr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

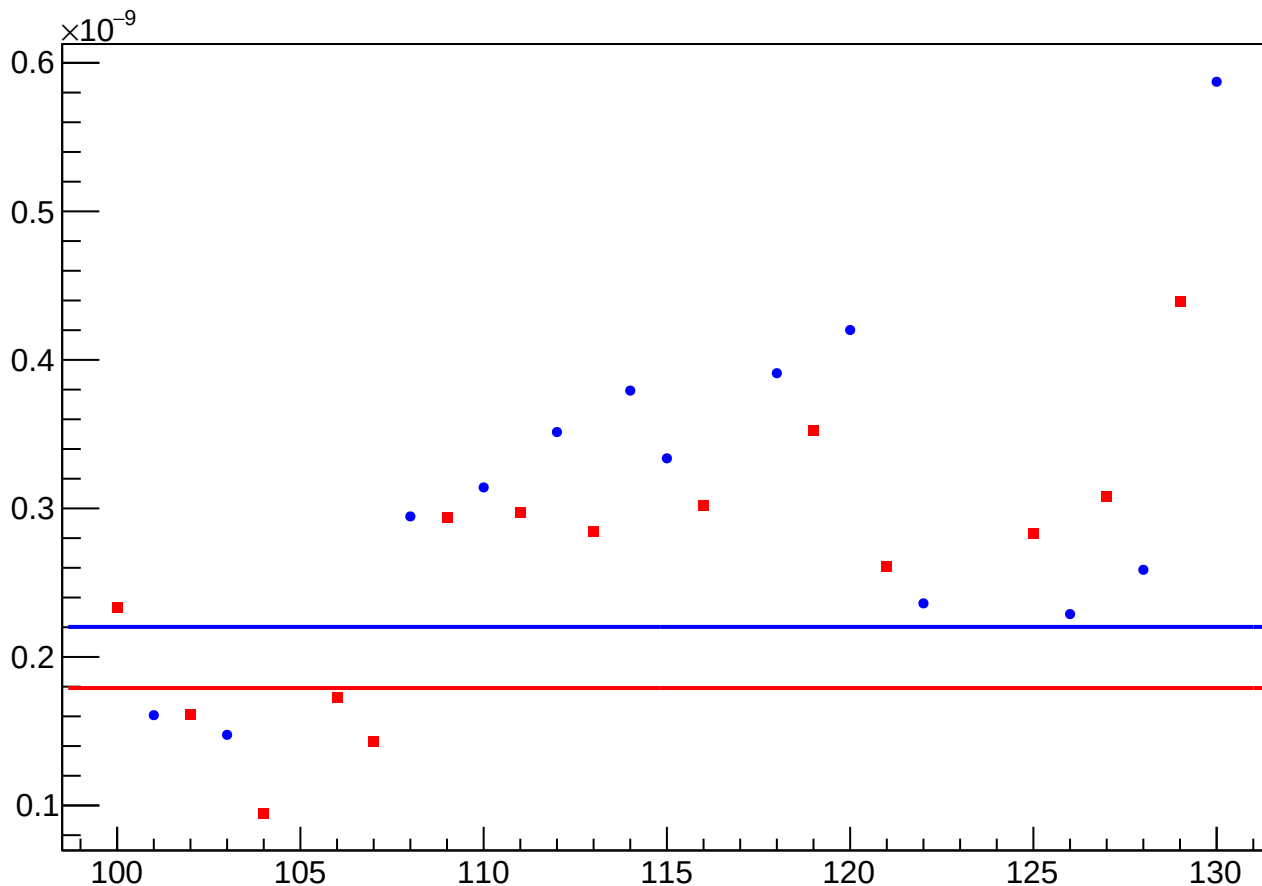
Right: 0.000+/-0.000 χ^2/NDF : 20.4/26

In: 0.000+/-0.000 χ^2/NDF : 10.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.4/26

asym_us_avg_at2lr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1039442.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1444640.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

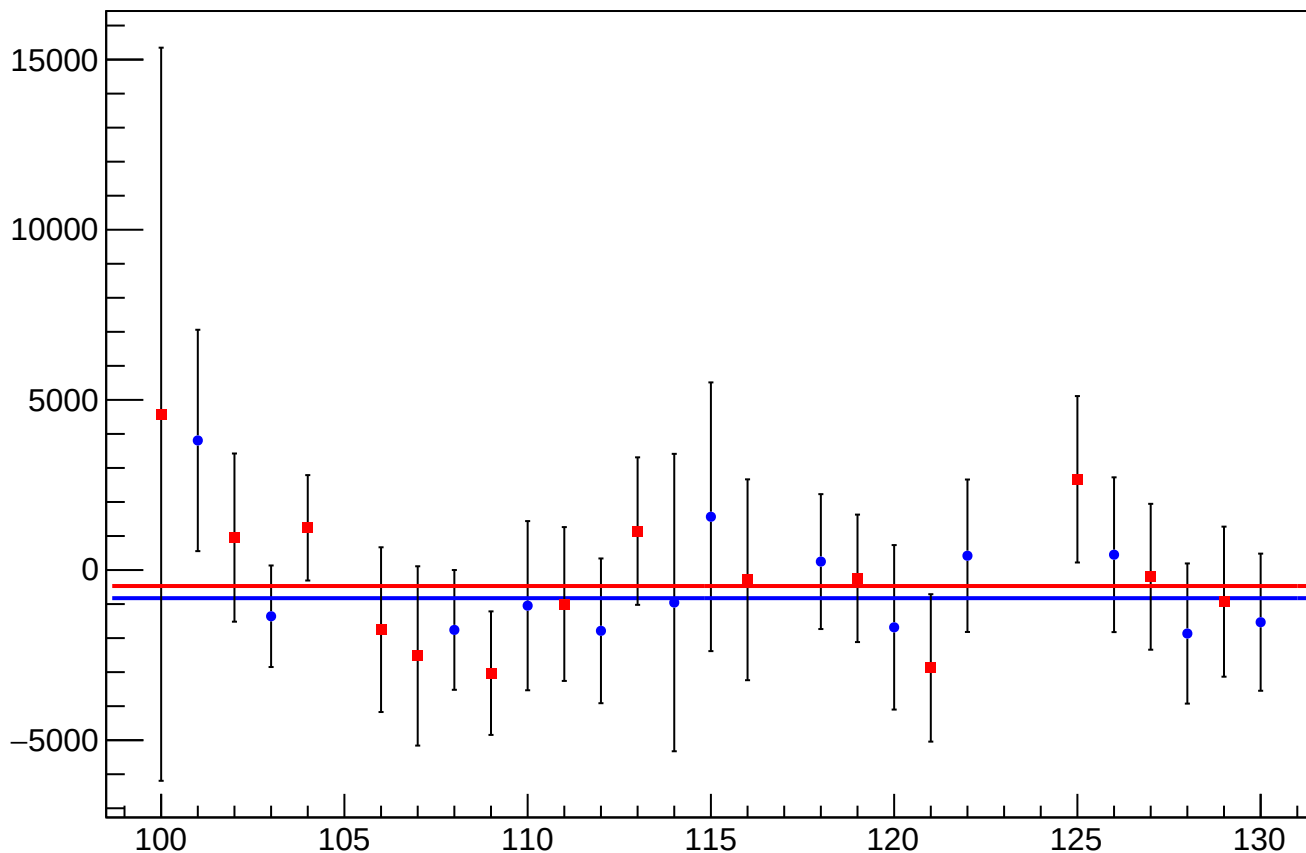
Right: 0.000+/-0.000 χ^2/NDF : 2605997.4/26

In: 0.000+/-0.000 χ^2/NDF : 1039442.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2605997.4/26

reg_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -826.240 $\pm$ 612.369 χ^2 /NDF: 4.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -469.532 $\pm$ 595.503 χ^2 /NDF: 8.2/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

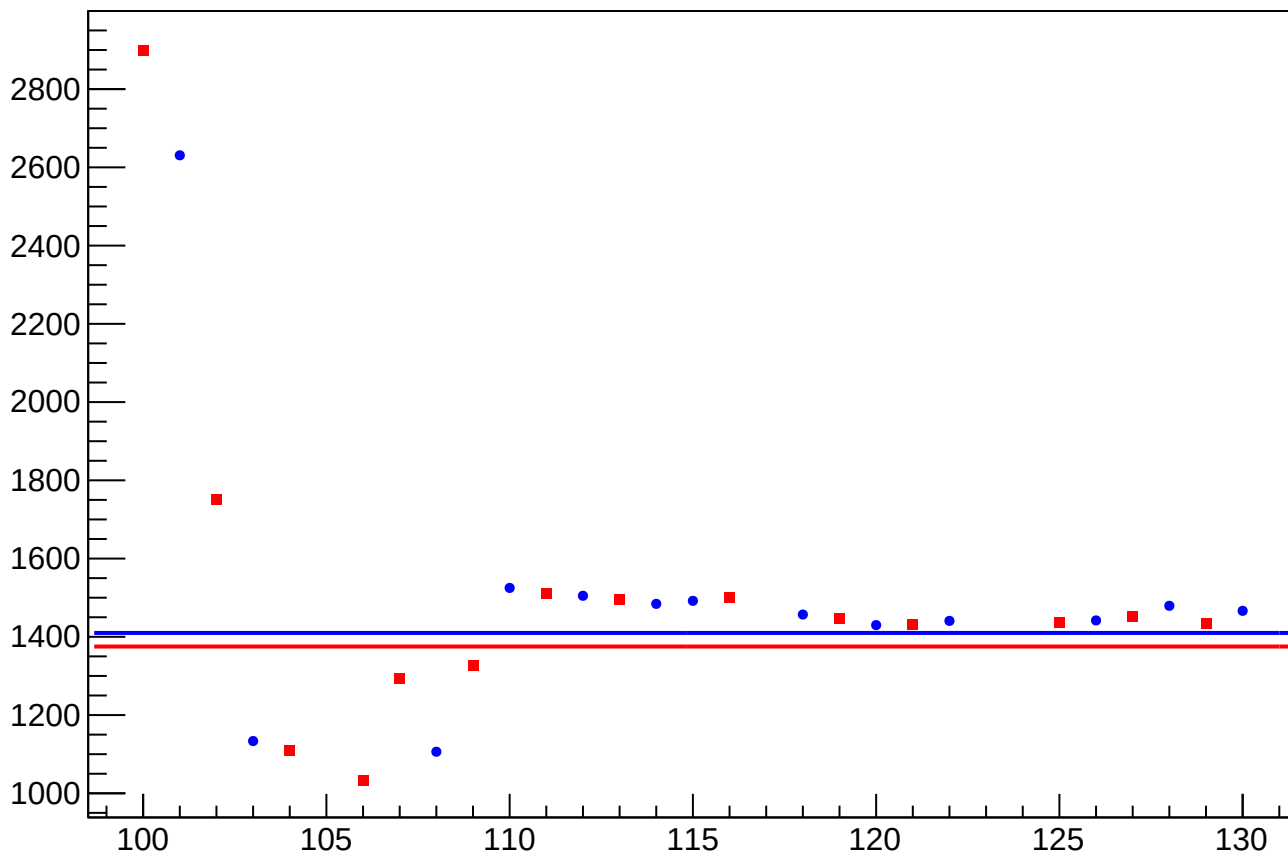
Right: -642.906 $\pm$ 426.923 χ^2 /NDF: 12.8/26

In: -826.240 $\pm$ 612.369 χ^2 /NDF:4.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -642.906 $\pm$ 426.923 χ^2 /NDF: 12.8/26

reg_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1409.926+/-0.433 χ^2/NDF : 425559.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1375.188+/-0.417 χ^2/NDF : 226121.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

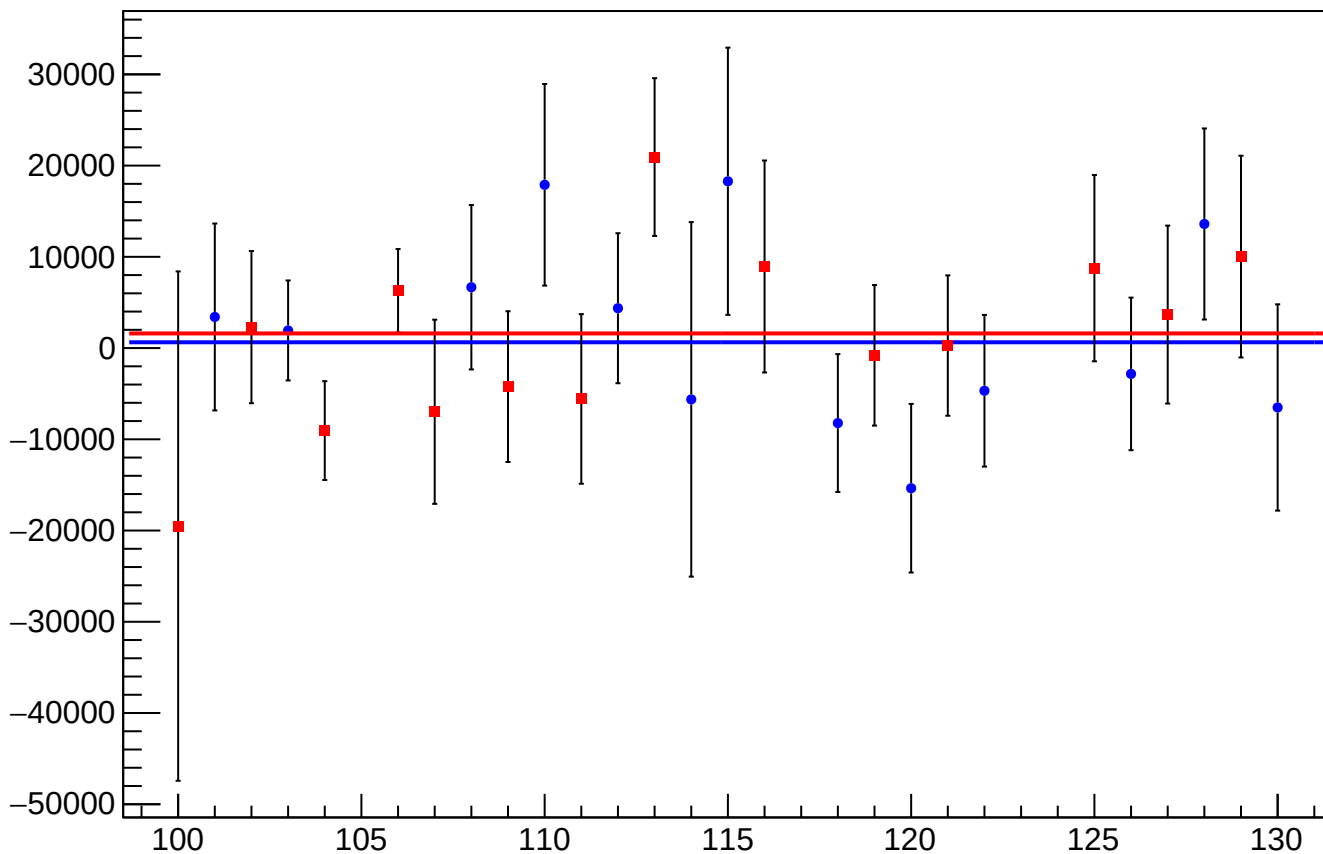
Right: 1391.920+/-0.301 χ^2/NDF : 655016.4/26

In: 1409.926+/-0.433 χ^2/NDF : 425559.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1391.920+/-0.301 χ^2/NDF : 655016.4/26

asym_us_avg_at2lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 634.064 $\pm$ 2496.825 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1603.940 $\pm$ 2149.104 χ^2 /NDF: 14.0/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

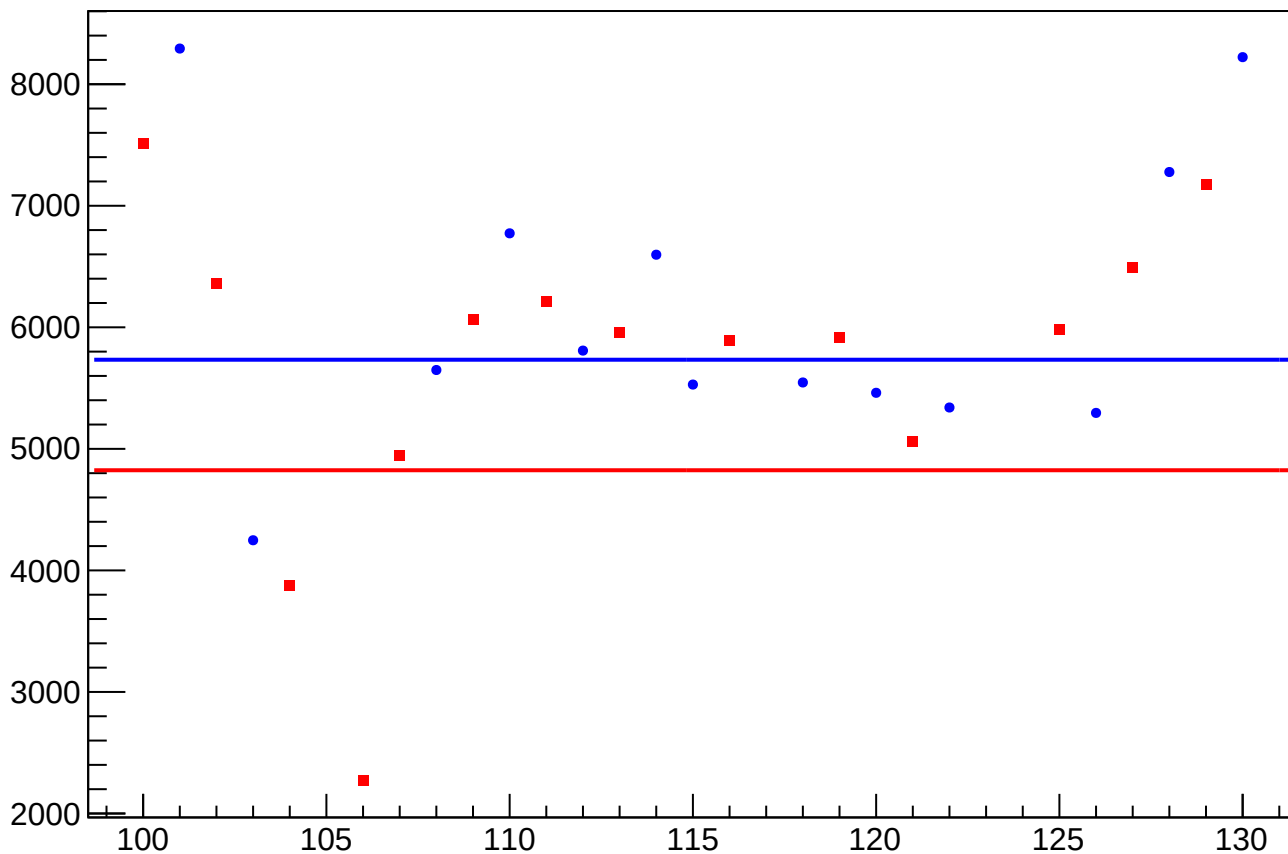
Right: 1191.187 $\pm$ 1628.827 χ^2 /NDF: 25.7/26

In: 634.064 $\pm$ 2496.825 χ^2 /NDF:11.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1191.187 $\pm$ 1628.827 χ^2 /NDF: 25.7/26

asym_us_avg_at2lr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 5733.318+/-1.766 χ^2/NDF : 447750.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4824.013+/-1.520 χ^2/NDF : 1128266.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

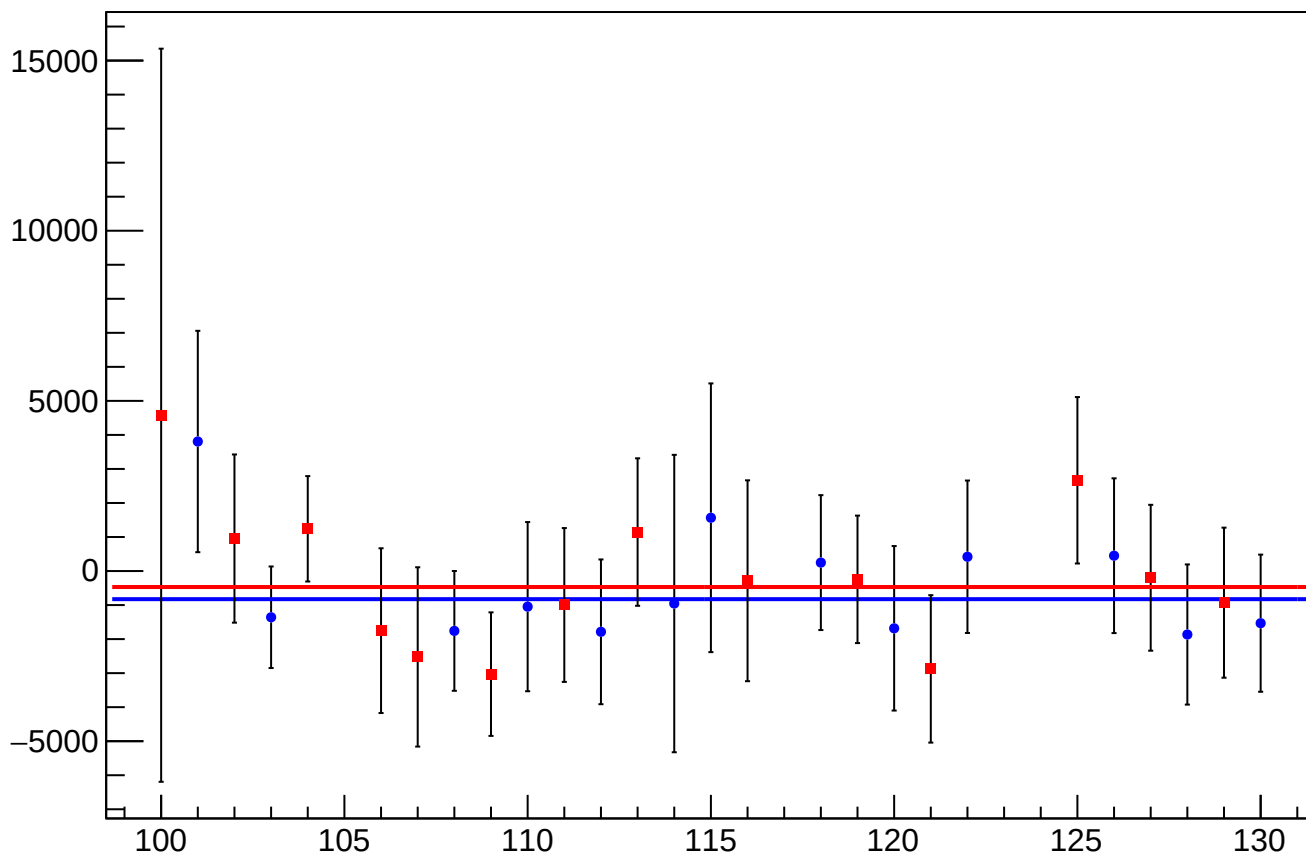
Right: 5210.988+/-1.152 χ^2/NDF : 1728389.6/26

In: 5733.318+/-1.766 χ^2/NDF : 447750.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5210.988+/-1.152 χ^2/NDF : 1728389.6/26

cor_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -826.322+/-612.369 χ^2 /NDF: 4.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -469.369+/-595.503 χ^2 /NDF: 8.2/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

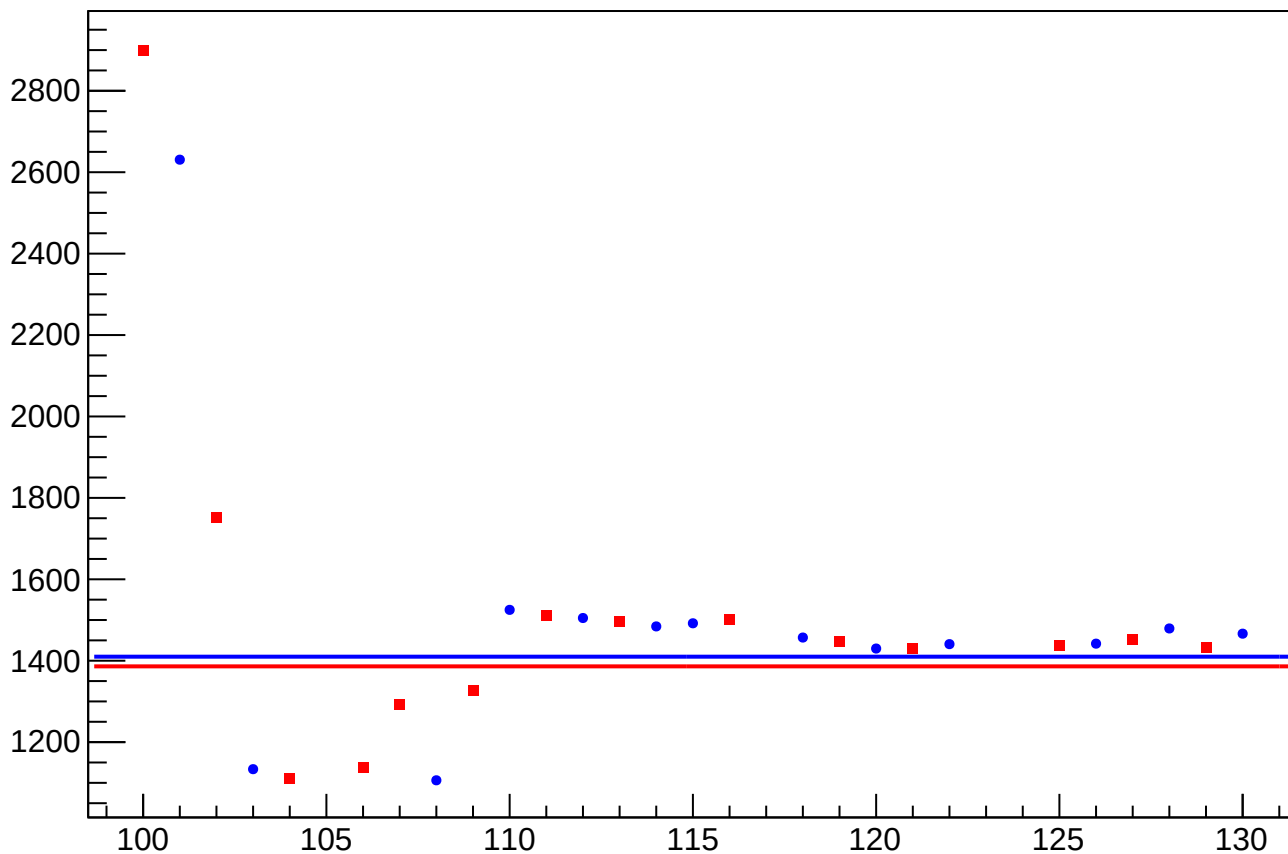
Right: -642.862+/-426.923 χ^2 /NDF: 12.8/26

In: -826.322+/-612.369 χ^2 /NDF:4.4/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -642.862+/-426.923 χ^2 /NDF: 12.8/26

cor_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1409.925+/-0.433 χ^2/NDF : 425559.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1386.134+/-0.420 χ^2/NDF : 195059.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

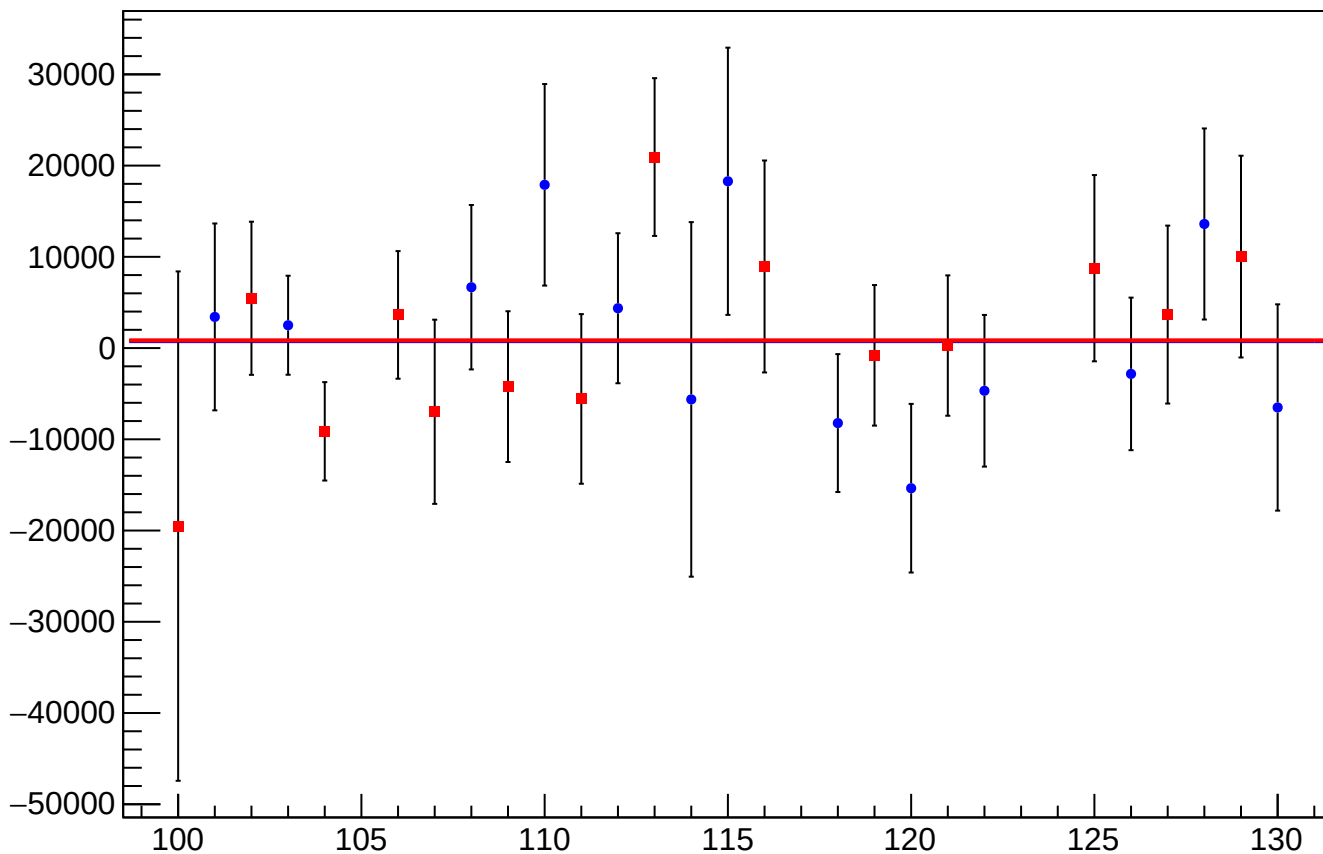
Right: 1397.665+/-0.301 χ^2/NDF : 622174.3/26

In: 1409.925+/-0.433 χ^2/NDF : 425559.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1397.665+/-0.301 χ^2/NDF : 622174.3/26

asym_us_avg_at2lr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 760.017 $\pm$ 2491.801 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 847.714 $\pm$ 2299.212 χ^2 /NDF: 13.2/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

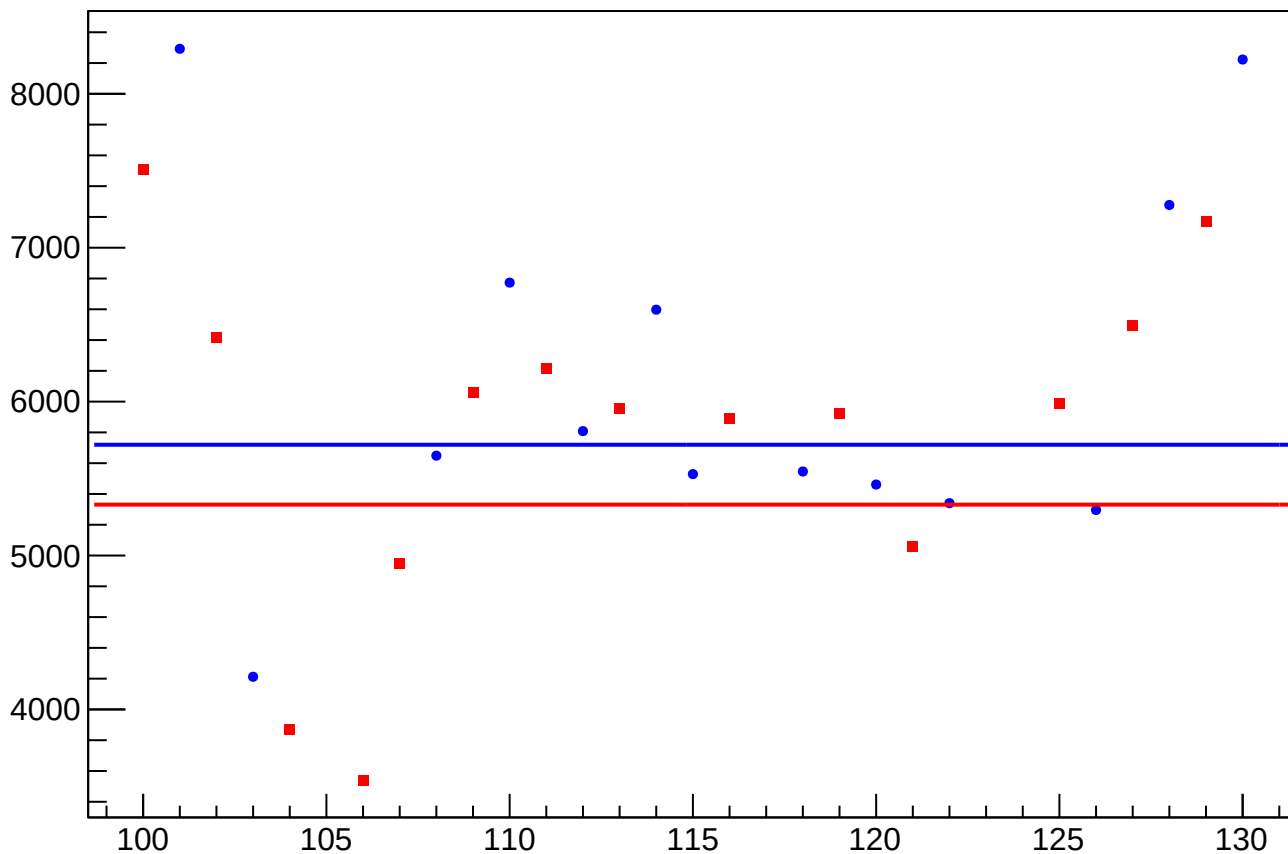
Right: 807.385 $\pm$ 1689.777 χ^2 /NDF: 24.9/26

In: 760.017 $\pm$ 2491.801 χ^2 /NDF:11.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 807.385 $\pm$ 1689.777 χ^2 /NDF: 24.9/26

asym_us_avg_at2lr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 5719.796+/-1.762 χ^2/NDF : 457785.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5330.556+/-1.626 χ^2/NDF : 481760.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

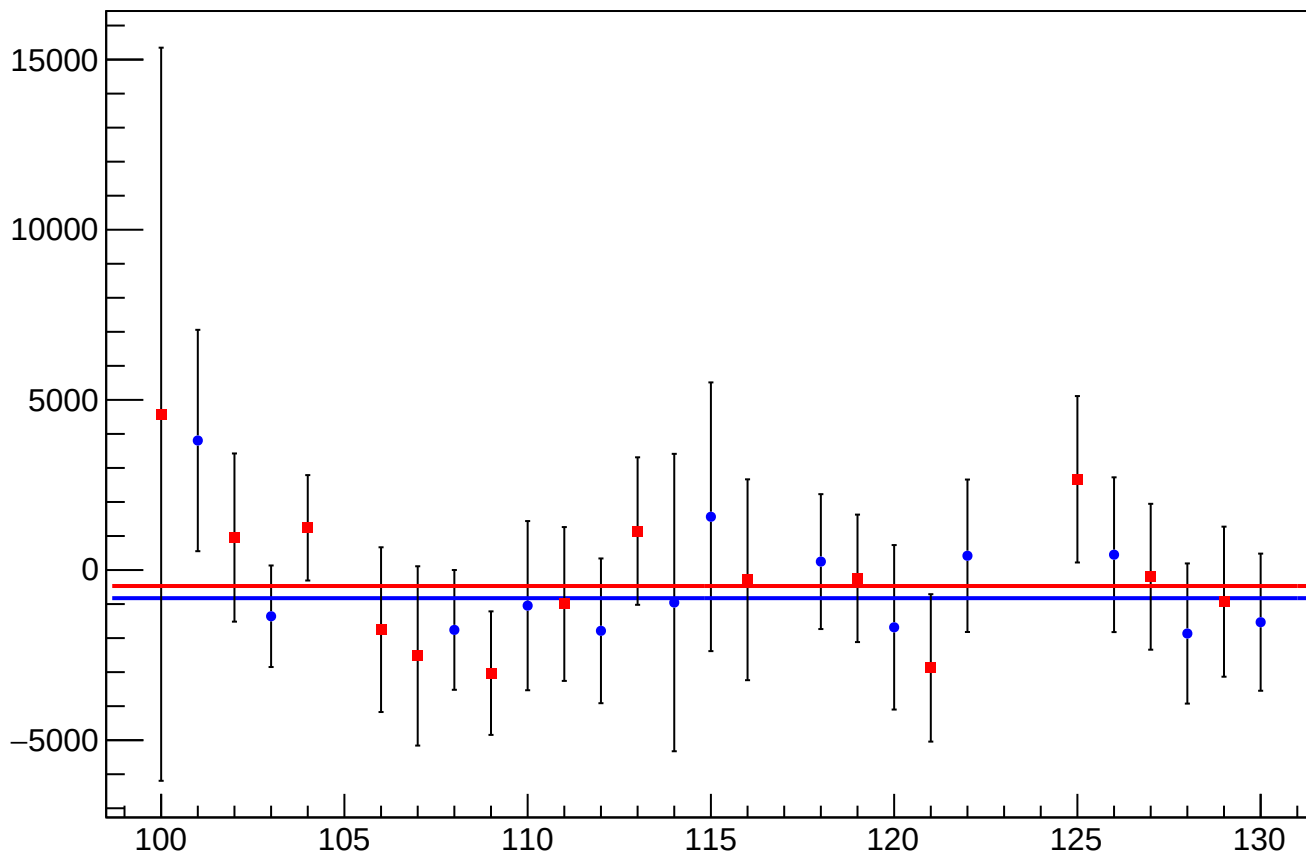
Right: 5509.554+/-1.195 χ^2/NDF : 965906.1/26

In: 5719.796+/-1.762 χ^2/NDF : 457785.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5509.554+/-1.195 χ^2/NDF : 965906.1/26

eigen_cor_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -826.322+/-612.369 χ^2/NDF : 4.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -469.369+/-595.503 χ^2/NDF : 8.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

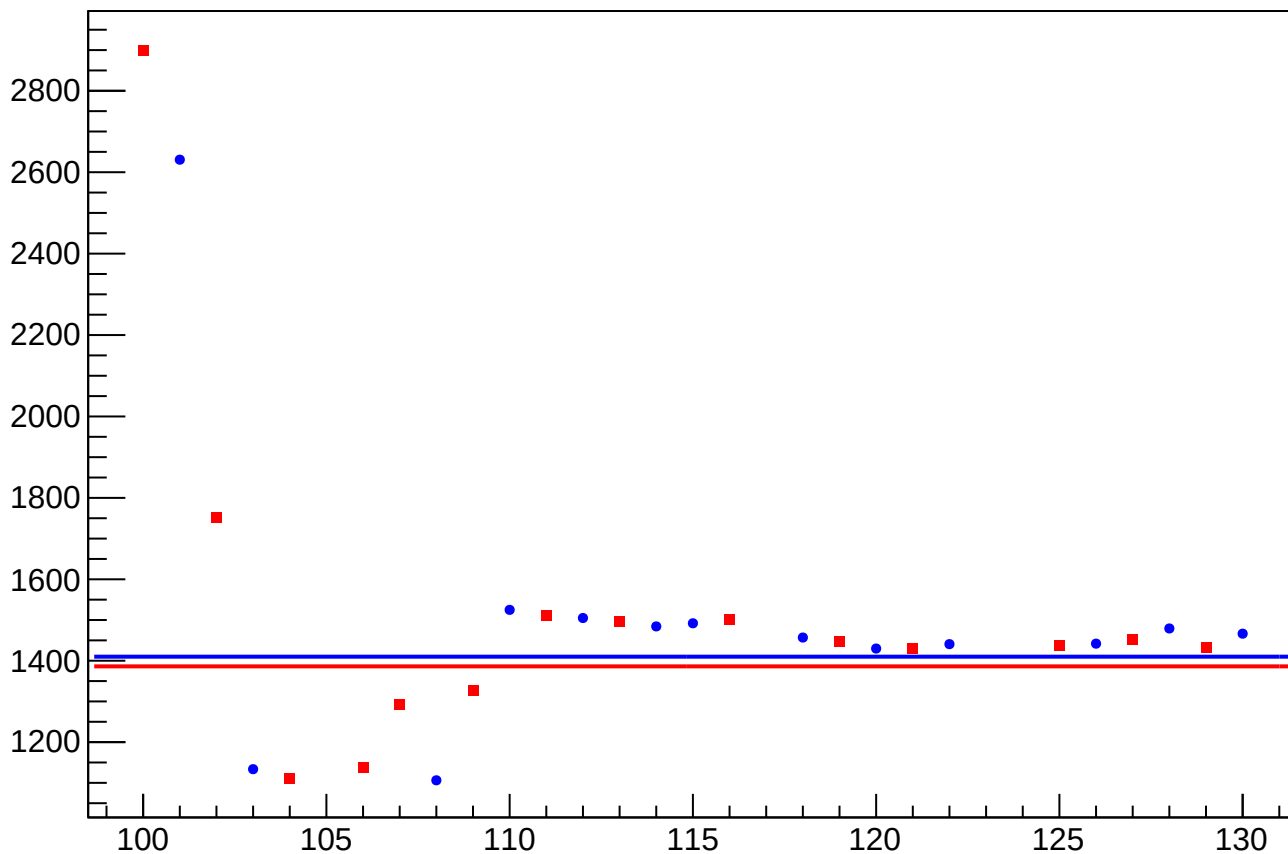
Right: -642.862+/-426.923 χ^2/NDF : 12.8/26

In: -826.322+/-612.369 χ^2/NDF : 4.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -642.862+/-426.923 χ^2/NDF : 12.8/26

eigen_cor_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1409.925+/-0.433 χ^2/NDF : 425559.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1386.134+/-0.420 χ^2/NDF : 195059.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

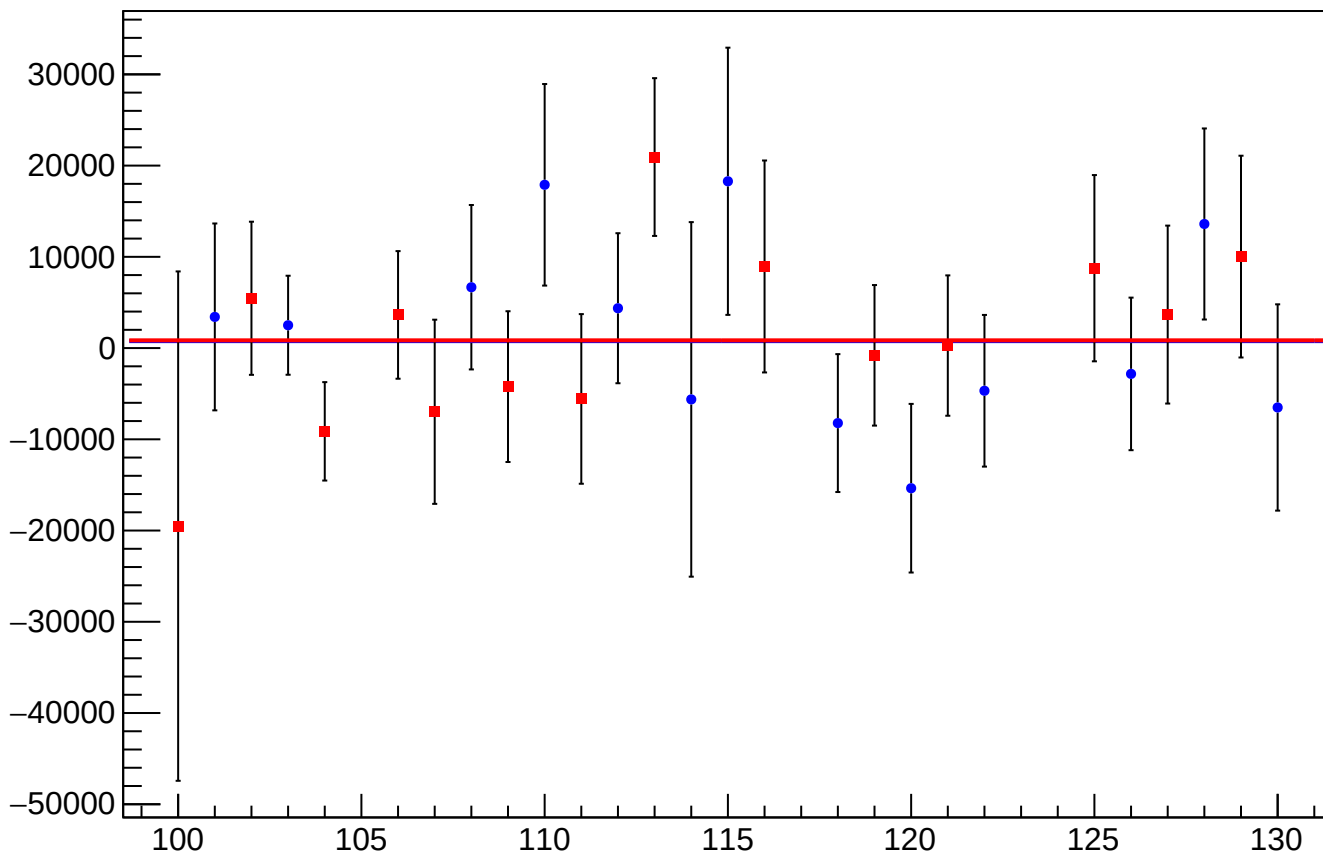
Right: 1397.665+/-0.301 χ^2/NDF : 622174.3/26

In: 1409.925+/-0.433 χ^2/NDF : 425559.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1397.665+/-0.301 χ^2/NDF : 622174.3/26

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 760.017 $\pm$ 2491.801 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 847.714 $\pm$ 2299.212 χ^2 /NDF: 13.2/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

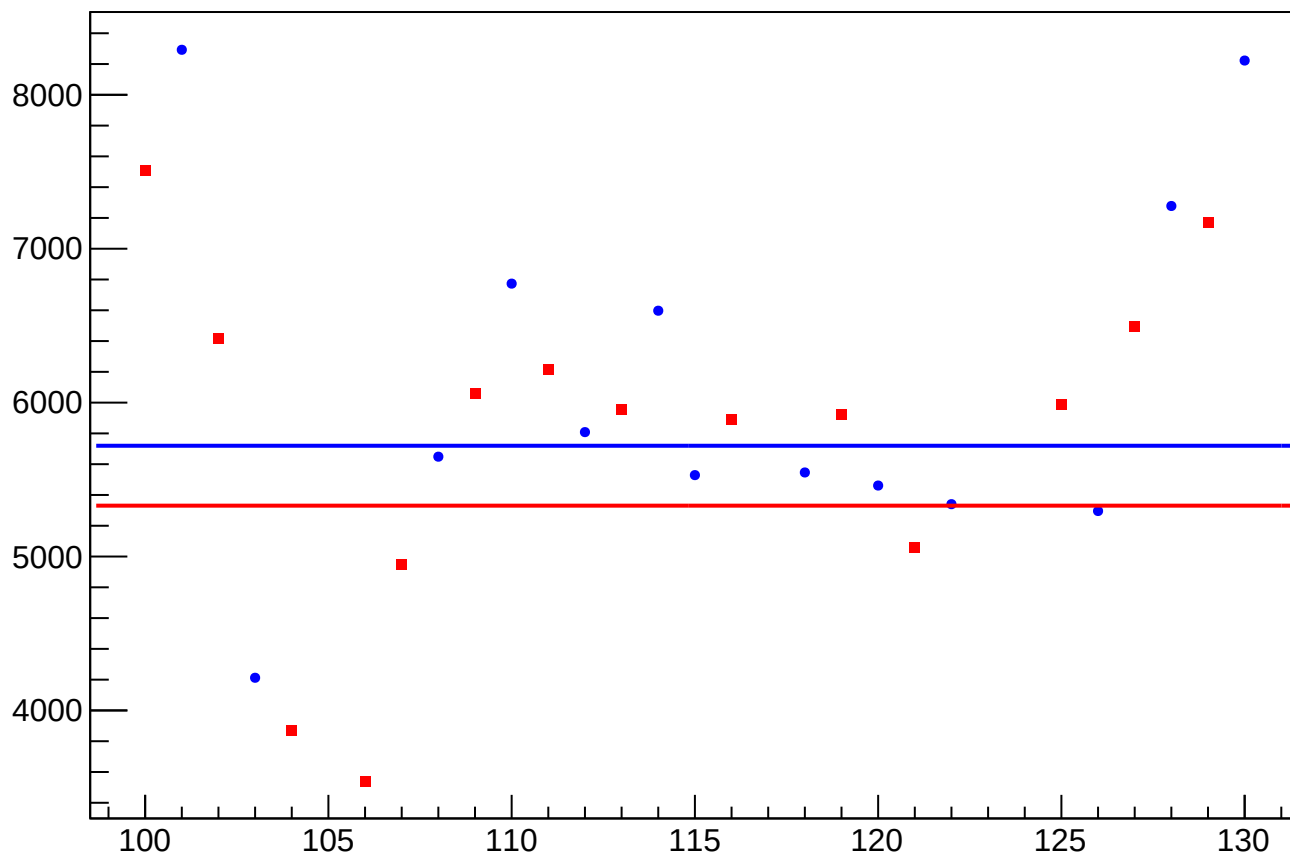
Right: 807.385 $\pm$ 1689.777 χ^2 /NDF: 24.9/26

In: 760.017 $\pm$ 2491.801 χ^2 /NDF:11.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 807.385 $\pm$ 1689.777 χ^2 /NDF: 24.9/26

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 5719.796+/-1.762 χ^2/NDF : 457785.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5330.556+/-1.626 χ^2/NDF : 481760.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

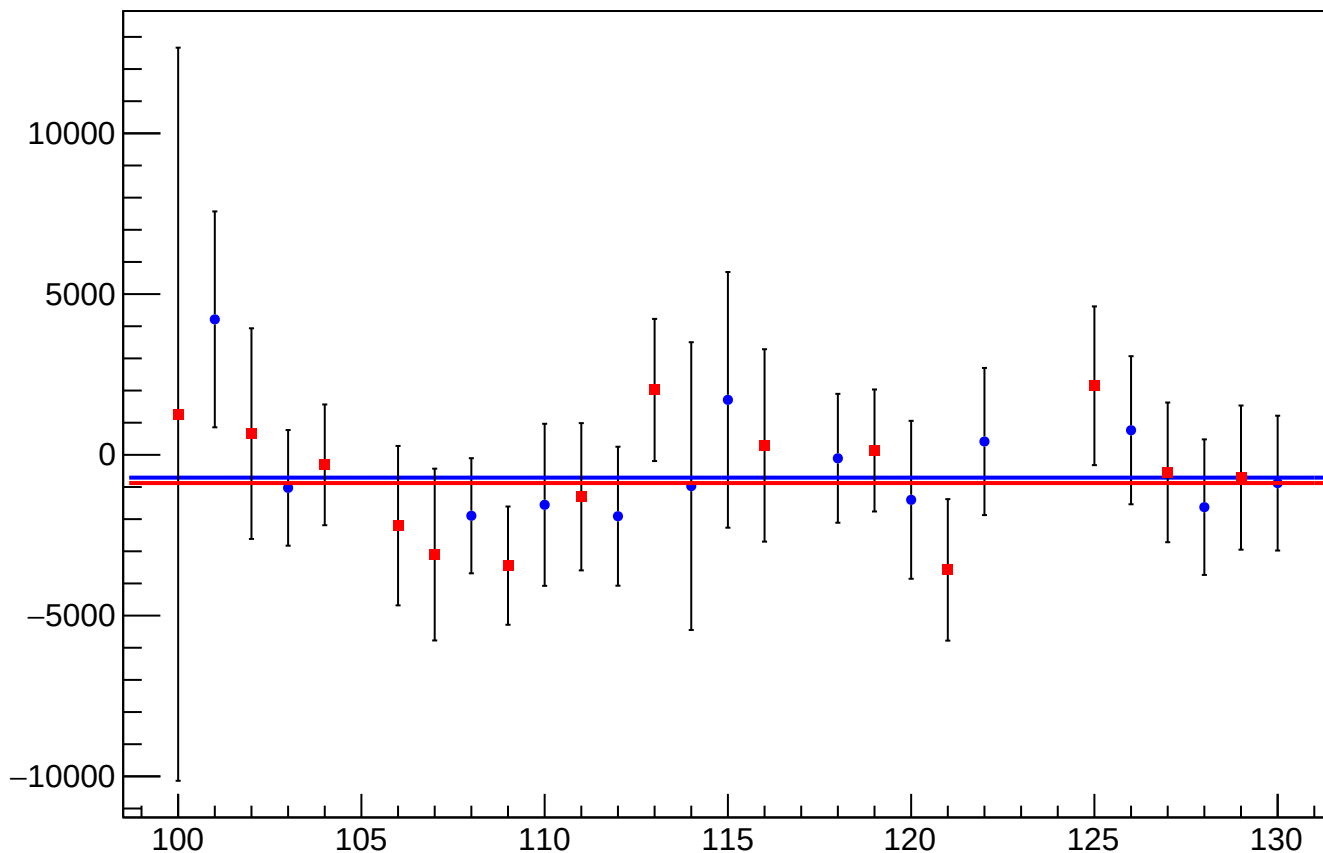
Right: 5509.554+/-1.195 χ^2/NDF : 965906.1/26

In: 5719.796+/-1.762 χ^2/NDF : 457785.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5509.554+/-1.195 χ^2/NDF : 965906.1/26

dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -708.500+/-640.055 χ^2/NDF : 4.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -877.438+/-626.386 χ^2/NDF : 8.5/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

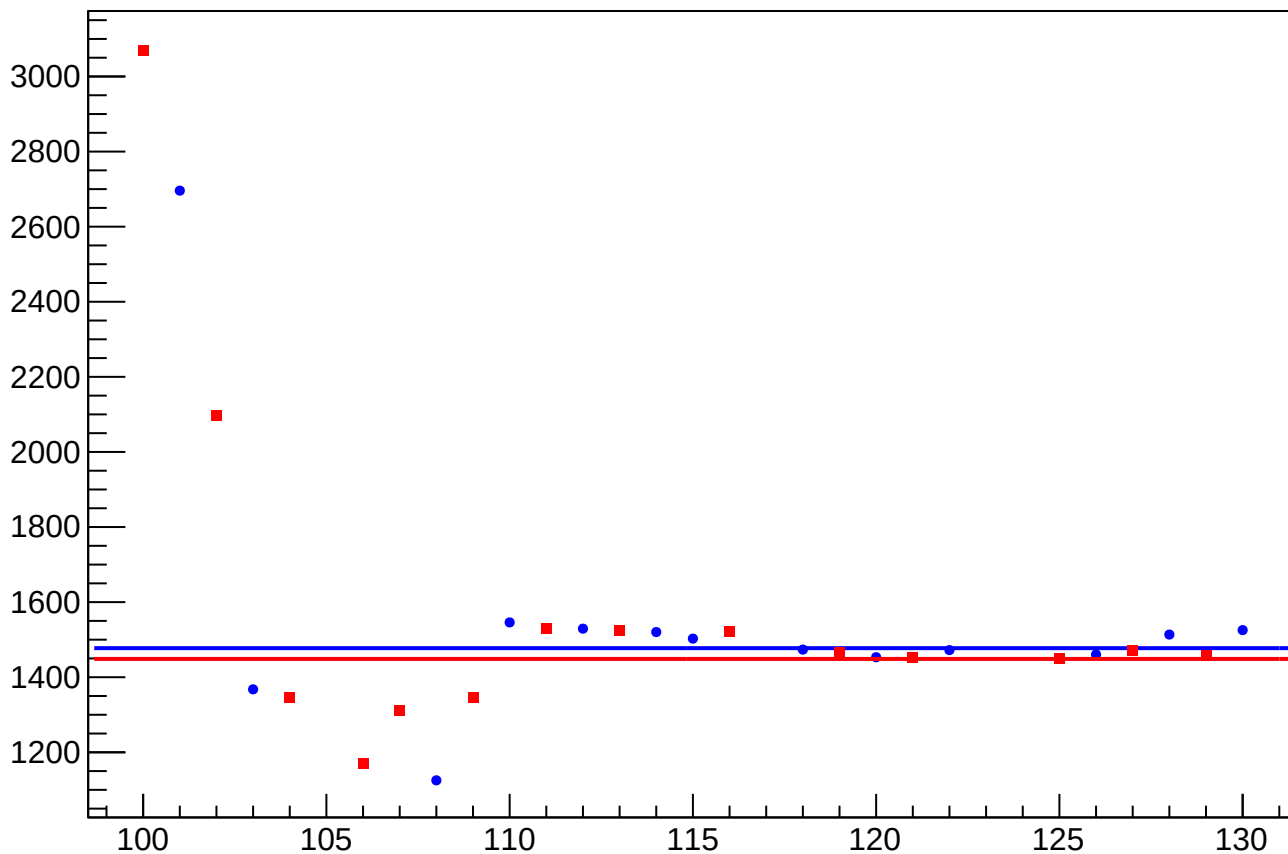
Right: -794.792+/-447.676 χ^2/NDF : 13.0/26

In: -708.500+/-640.055 χ^2/NDF :4.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -794.792+/-447.676 χ^2/NDF : 13.0/26

dit_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1477.381+/-0.453 χ^2/NDF : 353015.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1448.694+/-0.443 χ^2/NDF : 168146.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

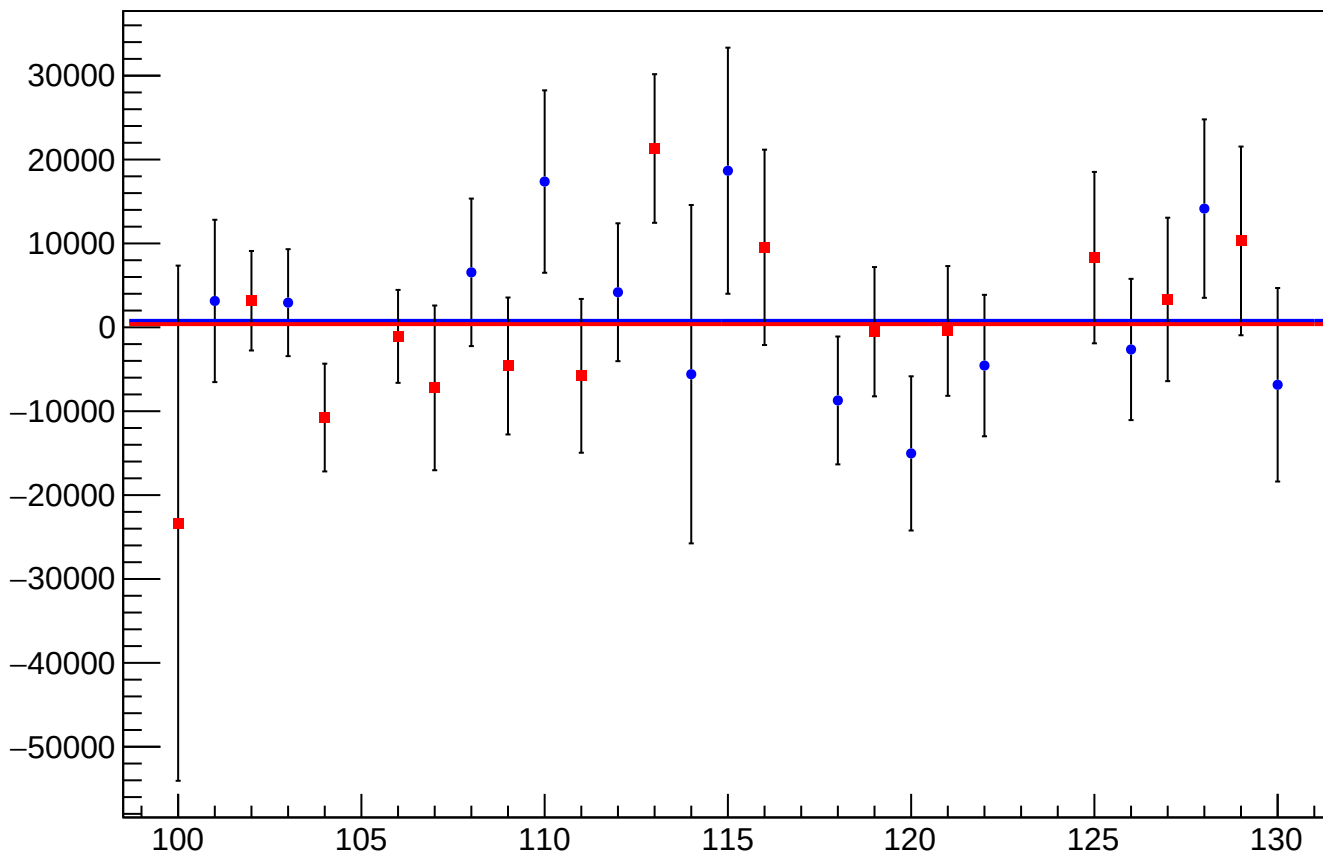
Right: 1462.723+/-0.316 χ^2/NDF : 523215.0/26

In: 1477.381+/-0.453 χ^2/NDF : 353015.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1462.723+/-0.316 χ^2/NDF : 523215.0/26

asym_us_avg_at2lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 769.080 $\pm$ 2563.538 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 383.922 $\pm$ 2207.100 χ^2 /NDF: 13.0/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

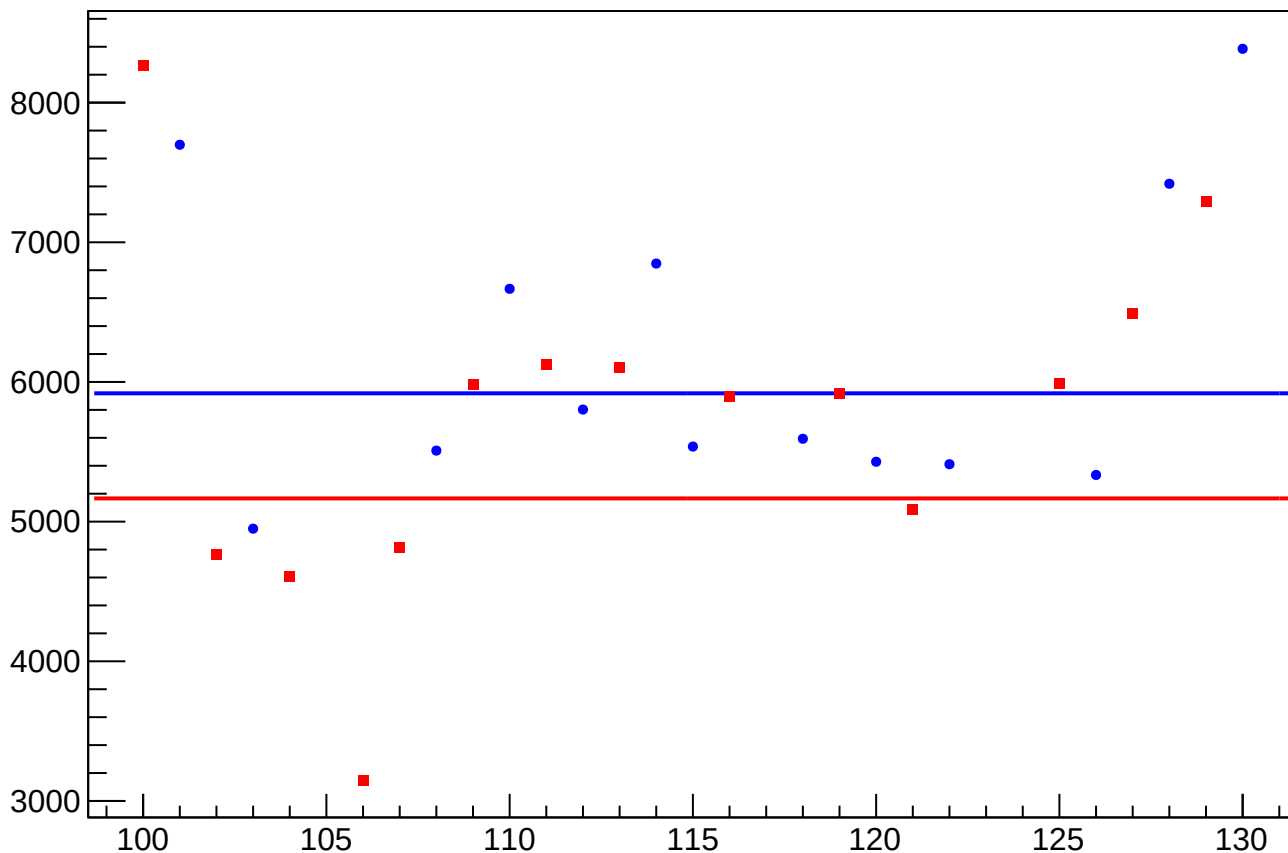
Right: 547.884 $\pm$ 1672.598 χ^2 /NDF: 24.8/26

In: 769.080 $\pm$ 2563.538 χ^2 /NDF:11.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 547.884 $\pm$ 1672.598 χ^2 /NDF: 24.8/26

asym_us_avg_at2lr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 5918.685+/-1.813 χ^2/NDF : 291167.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5166.269+/-1.561 χ^2/NDF : 525407.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

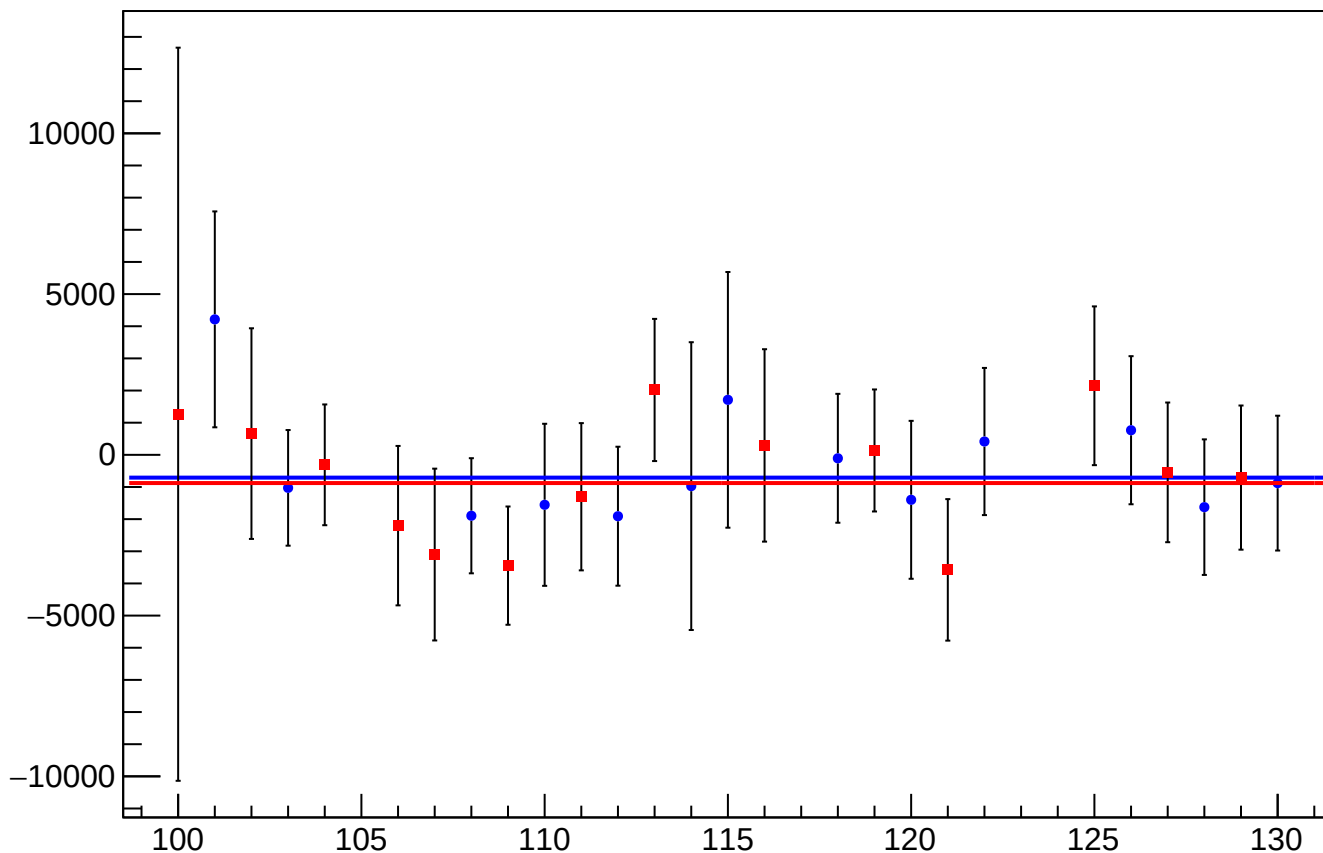
Right: 5486.572+/-1.183 χ^2/NDF : 915521.9/26

In: 5918.685+/-1.813 χ^2/NDF : 291167.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5486.572+/-1.183 χ^2/NDF : 915521.9/26

eigen_dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -708.503+/-640.055 χ^2/NDF : 4.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -877.451+/-626.386 χ^2/NDF : 8.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

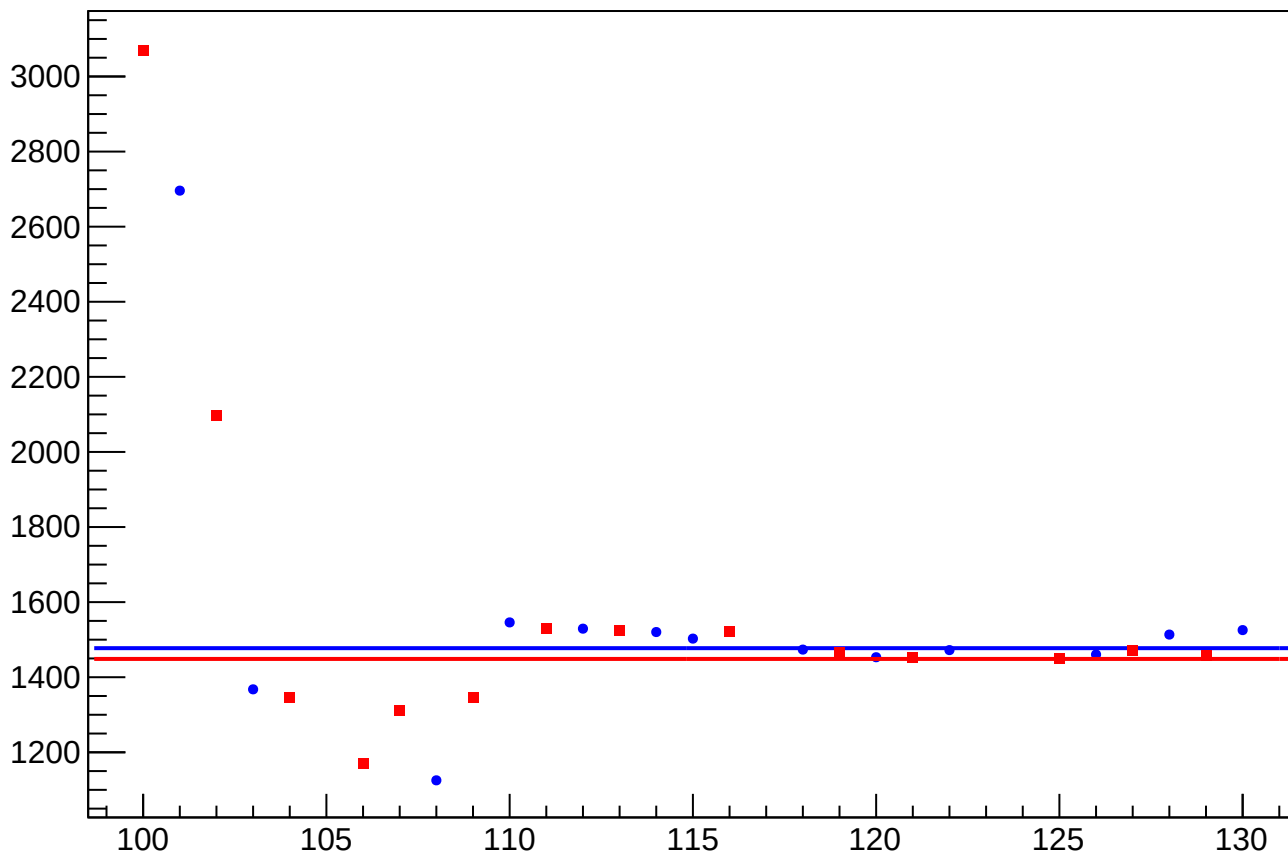
Right: -794.801+/-447.676 χ^2/NDF : 13.0/26

In: -708.503+/-640.055 χ^2/NDF : 4.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -794.801+/-447.676 χ^2/NDF : 13.0/26

eigen_dit_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1477.381+/-0.453 χ^2/NDF : 353014.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1448.694+/-0.443 χ^2/NDF : 168147.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

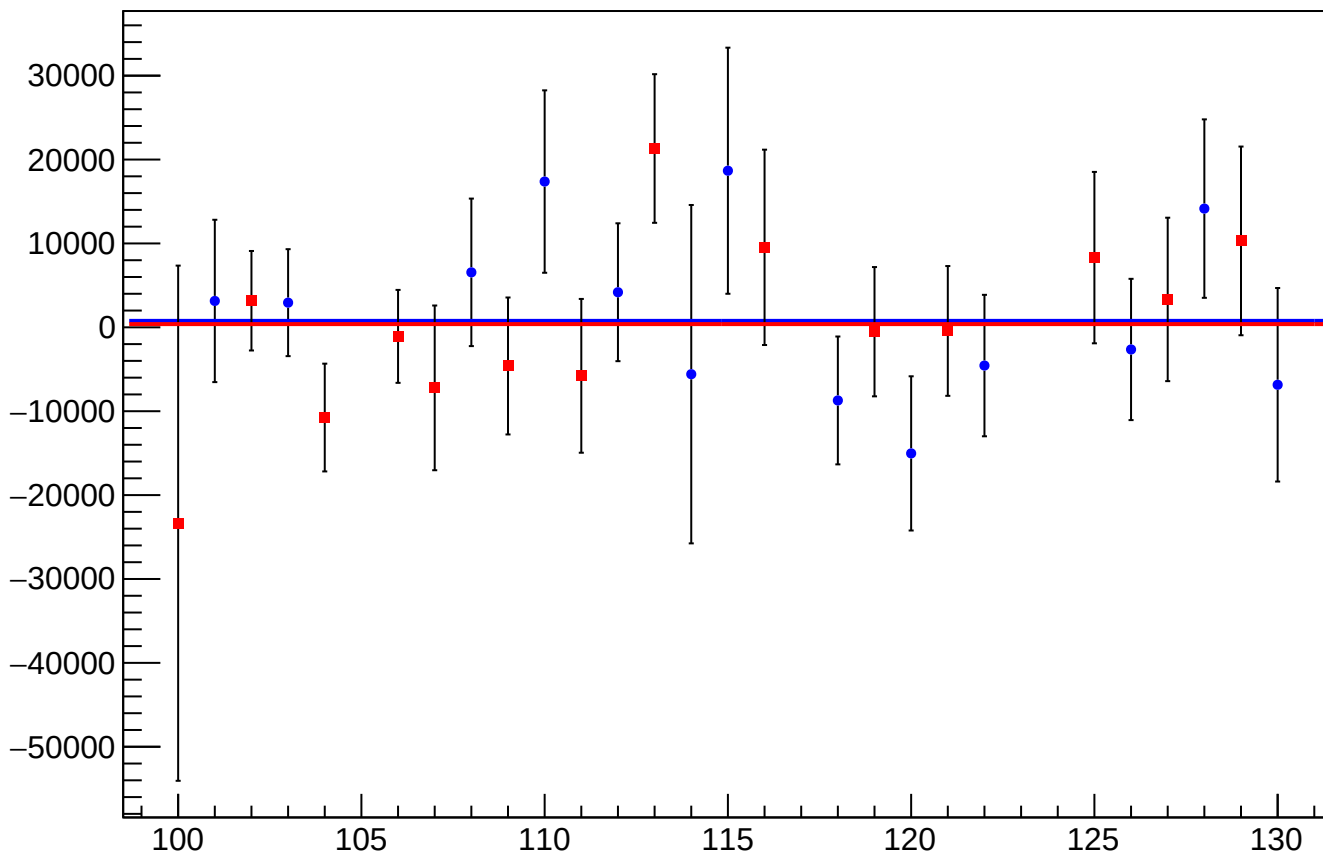
Right: 1462.723+/-0.316 χ^2/NDF : 523214.3/26

In: 1477.381+/-0.453 χ^2/NDF : 353014.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1462.723+/-0.316 χ^2/NDF : 523214.3/26

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 769.068 $\pm$ 2563.531 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 383.914 $\pm$ 2207.095 χ^2 /NDF: 13.0/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

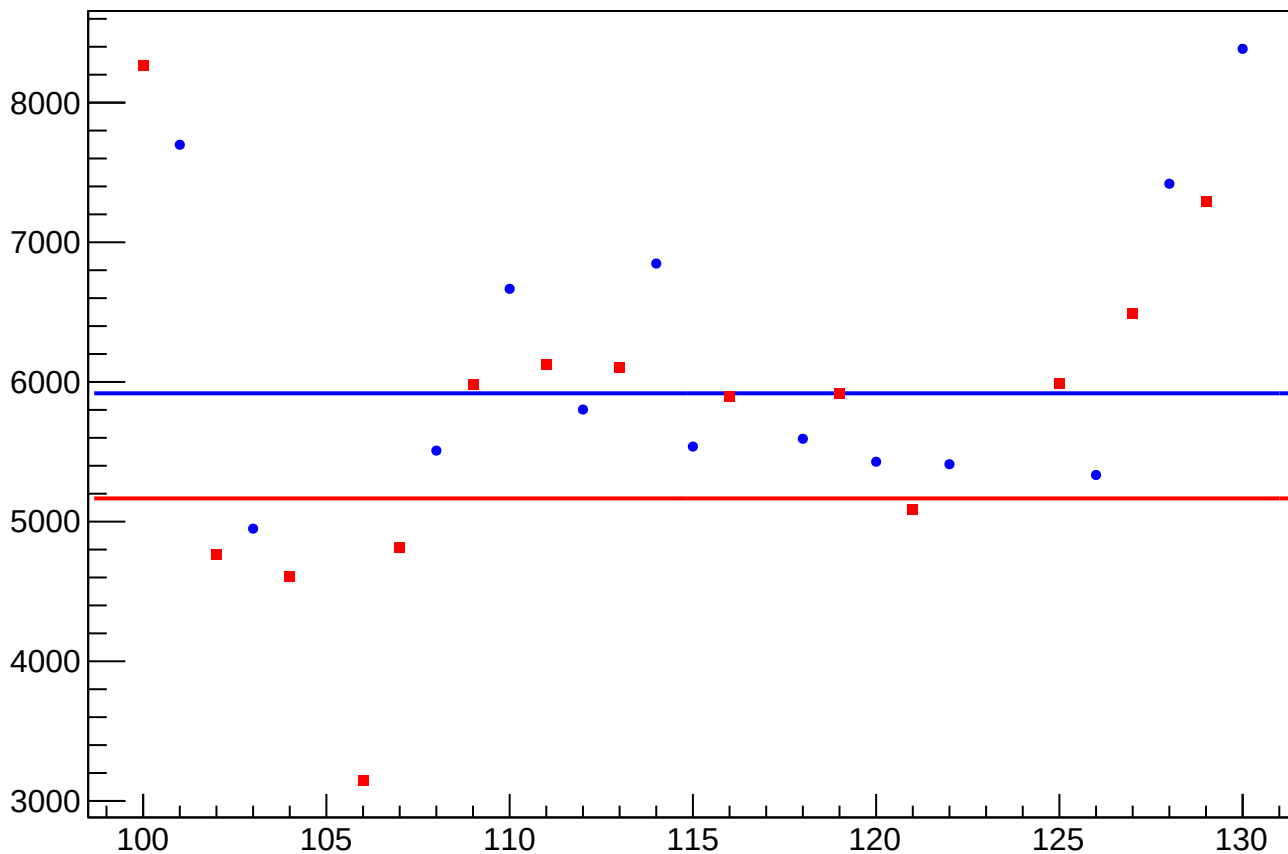
Right: 547.874 $\pm$ 1672.593 χ^2 /NDF: 24.8/26

In: 769.068 $\pm$ 2563.531 χ^2 /NDF:11.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 547.874 $\pm$ 1672.593 χ^2 /NDF: 24.8/26

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 5918.668+/-1.813 χ^2/NDF : 291166.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5166.258+/-1.561 χ^2/NDF : 525405.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

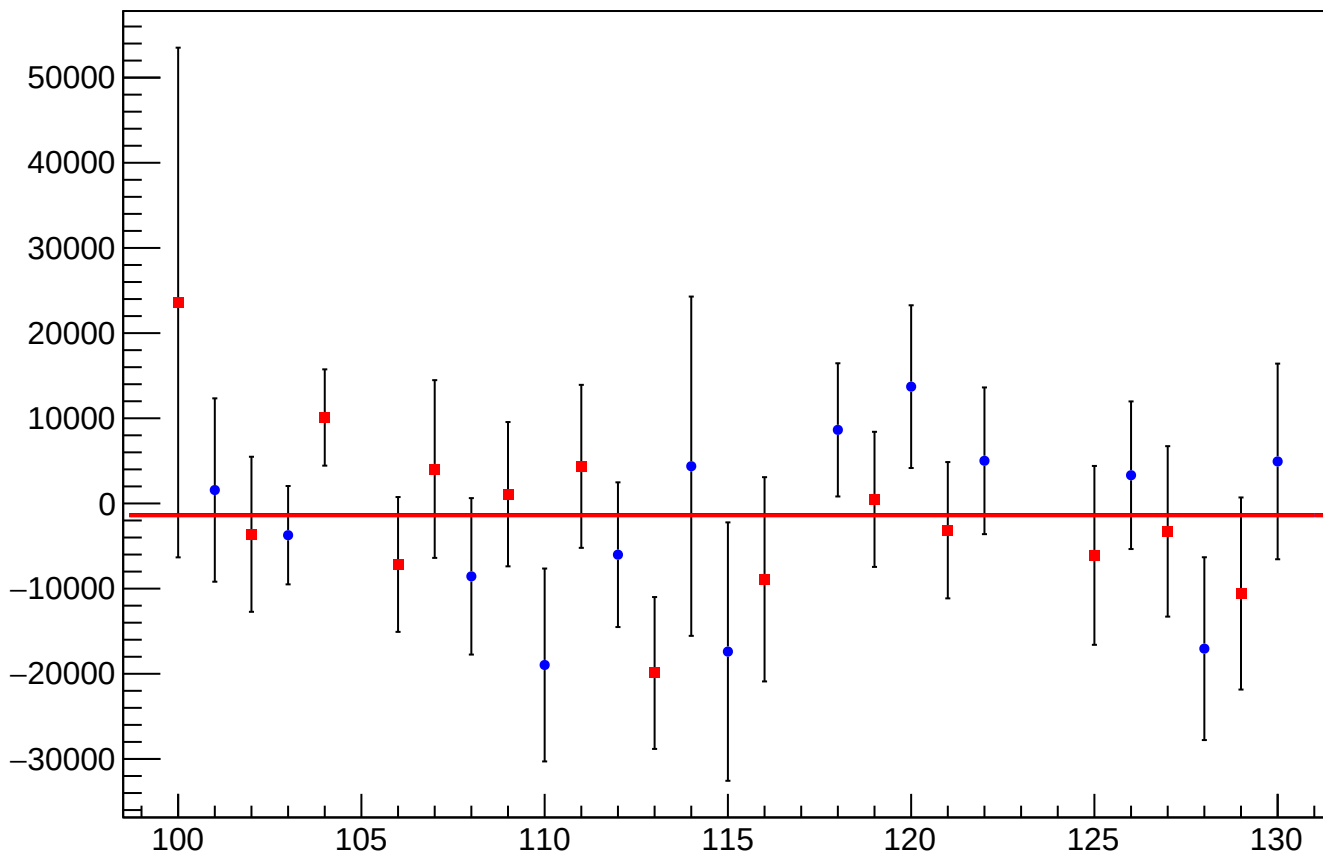
Right: 5486.559+/-1.183 χ^2/NDF : 915519.3/26

In: 5918.668+/-1.813 χ^2/NDF : 291166.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5486.559+/-1.183 χ^2/NDF : 915519.3/26

asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1358.316+/-2587.502 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1397.533+/-2408.214 χ^2/NDF : 11.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

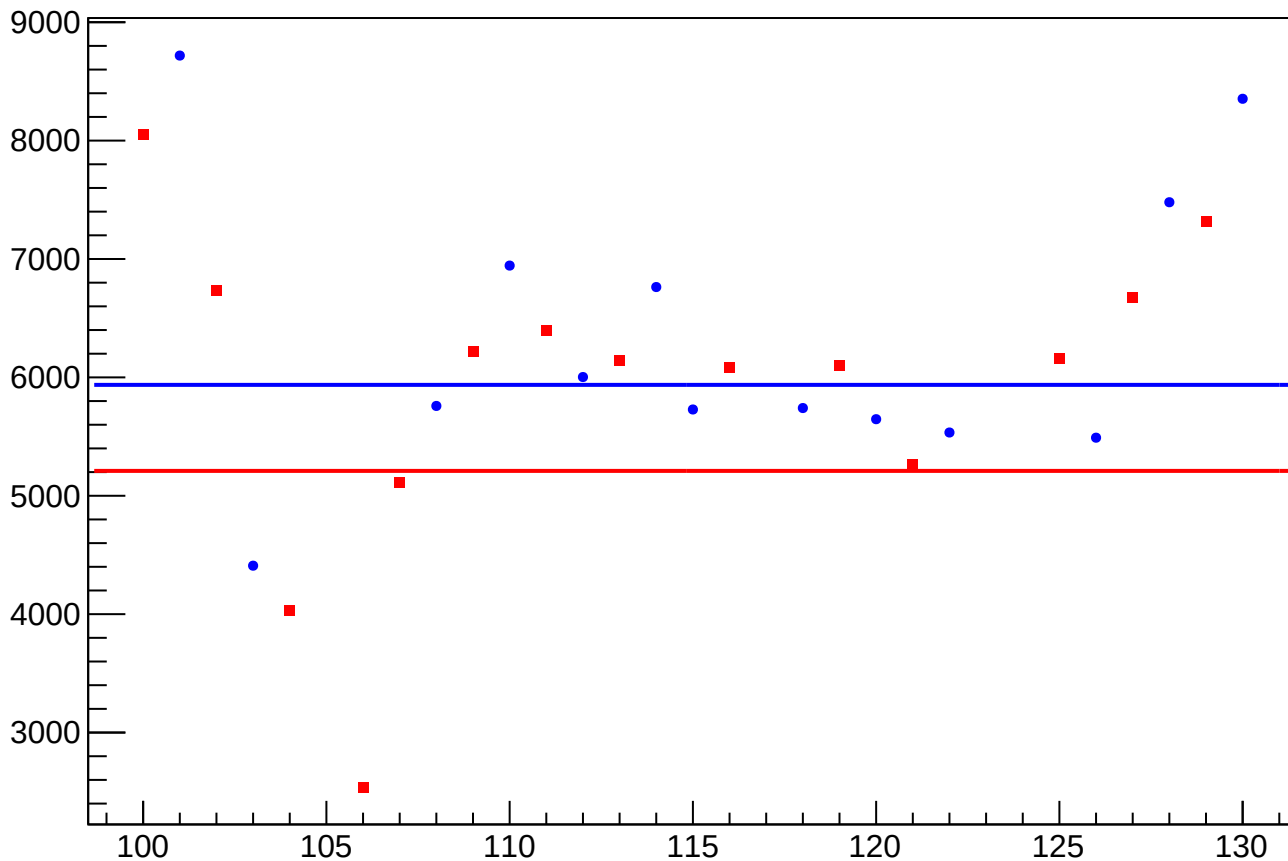
Right: -1379.330+/-1762.843 χ^2/NDF : 24.0/26

In: -1358.316+/-2587.502 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1379.330+/-1762.843 χ^2/NDF : 24.0/26

asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 5936.742+/-1.830 χ^2/NDF : 436628.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5210.125+/-1.632 χ^2/NDF : 852178.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

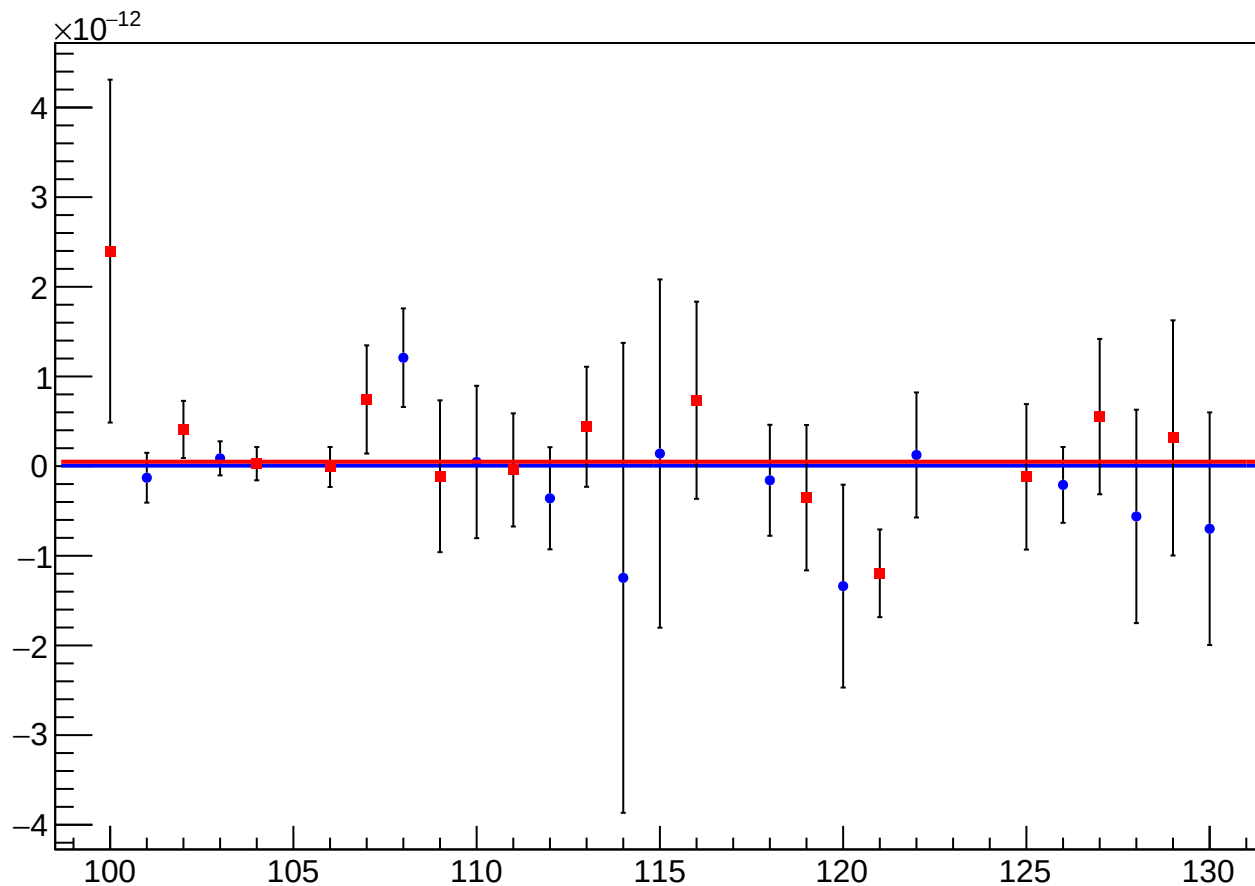
Right: 5532.109+/-1.218 χ^2/NDF : 1376637.3/26

In: 5936.742+/-1.830 χ^2/NDF : 436628.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5532.109+/-1.218 χ^2/NDF : 1376637.3/26

asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

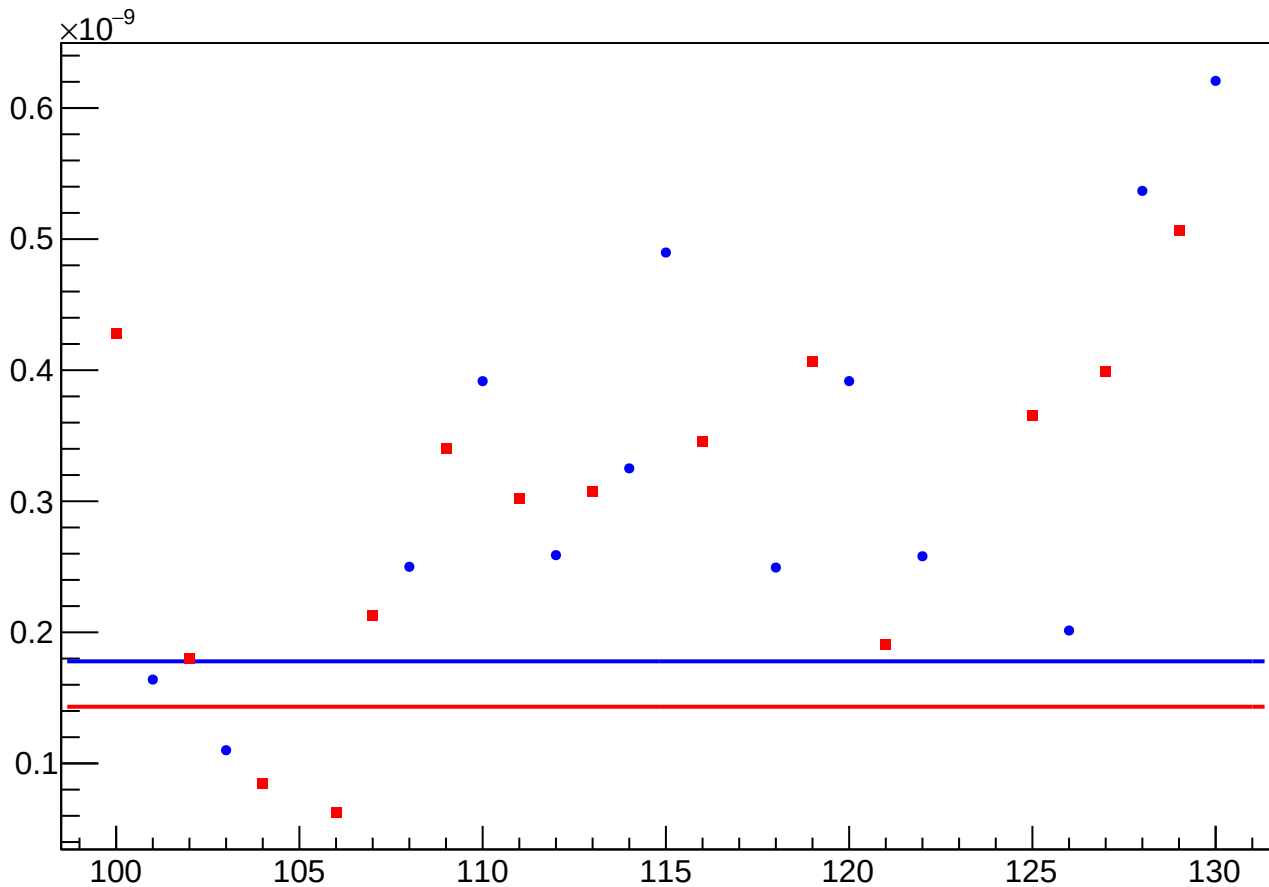
Right: 0.000+/-0.000 χ^2/NDF : 20.3/26

In: 0.000+/-0.000 χ^2/NDF : 8.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.3/26

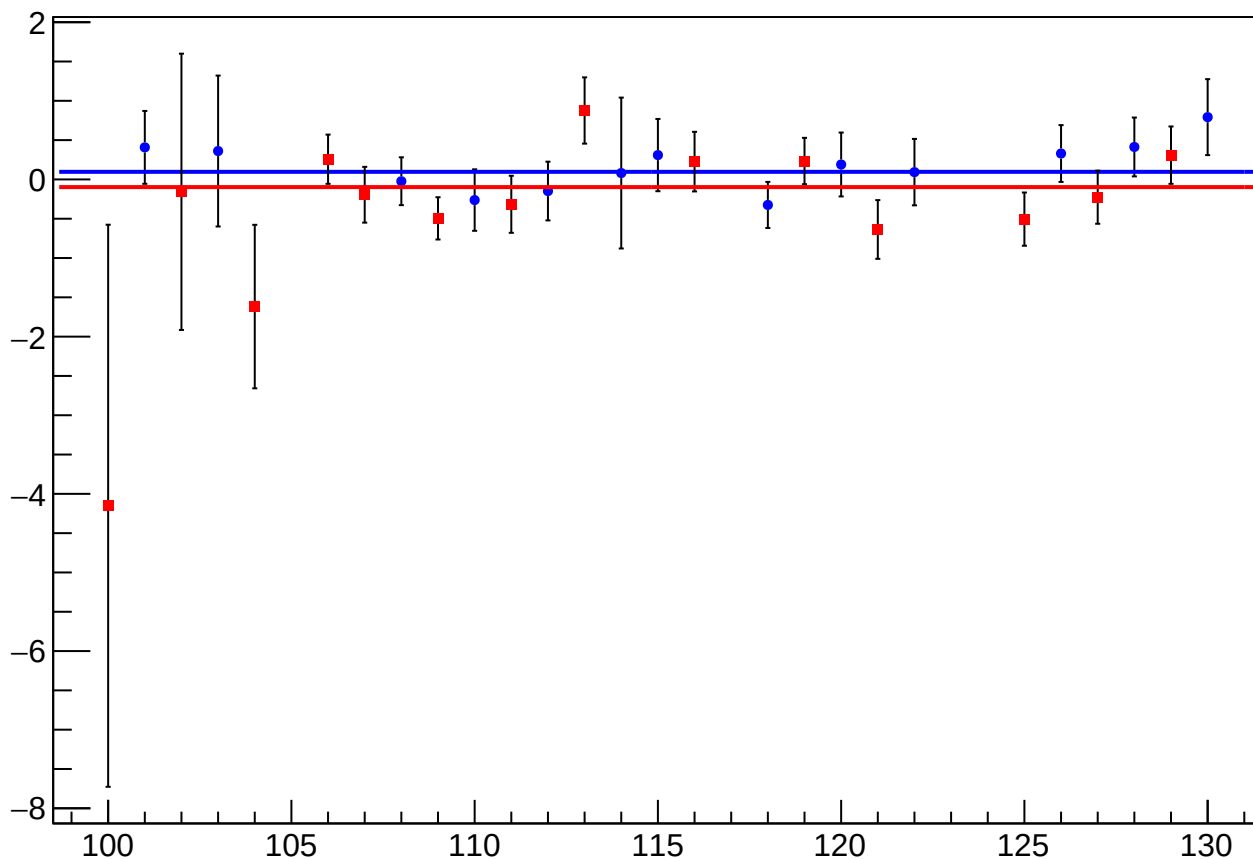
asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1064465.5/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 1691318.3/13
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 2838048.0/26
 In: 0.000+/-0.000 χ^2/NDF : 1064465.5/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 2838048.0/26

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.097 $\pm$ 0.113 χ^2 /NDF: 7.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.098 $\pm$ 0.101 χ^2 /NDF: 19.6/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

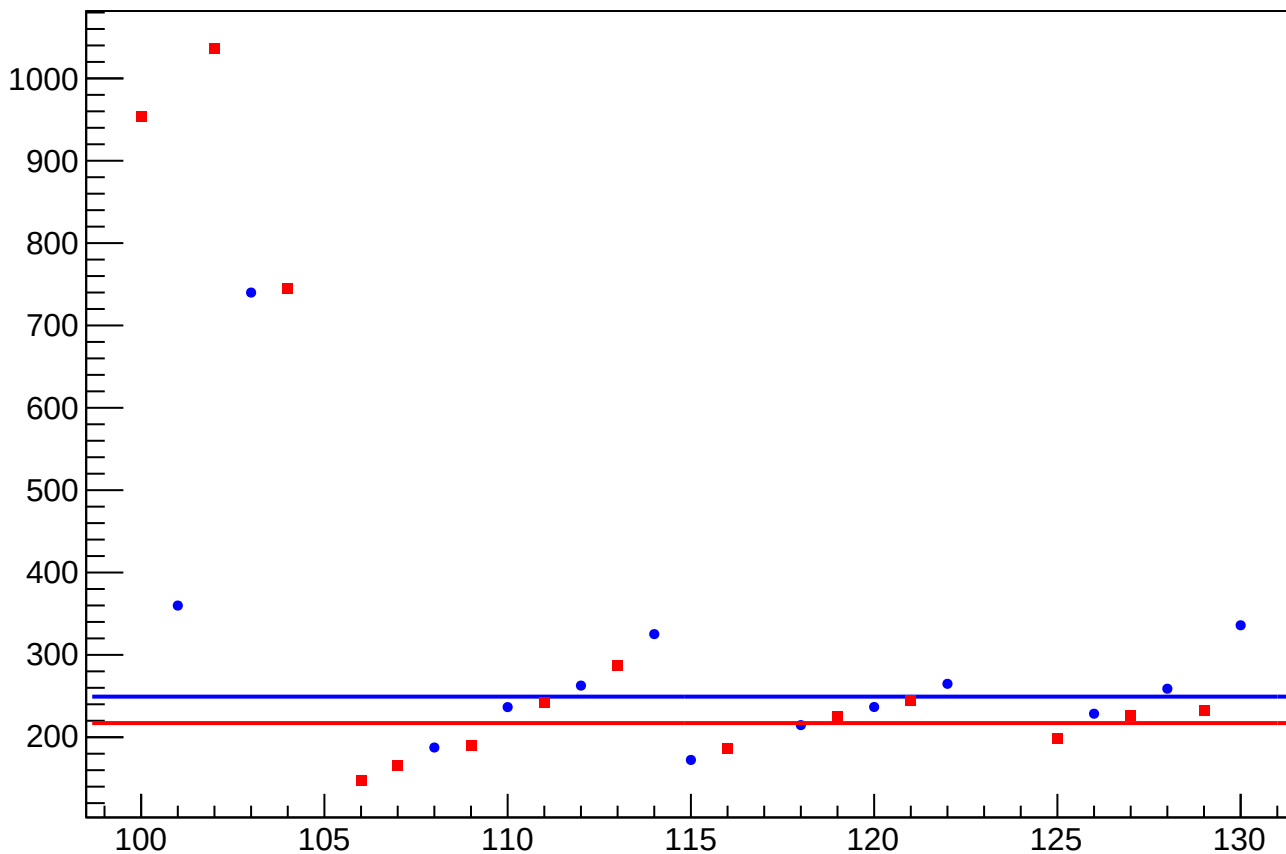
Right: -0.011 $\pm$ 0.075 χ^2 /NDF: 28.7/26

In: 0.097 $\pm$ 0.113 χ^2 /NDF:7.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.011 $\pm$ 0.075 χ^2 /NDF: 28.7/26

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 249.311+/-0.080 χ^2/NDF : 896700.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 217.187+/-0.072 χ^2/NDF : 1297981.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

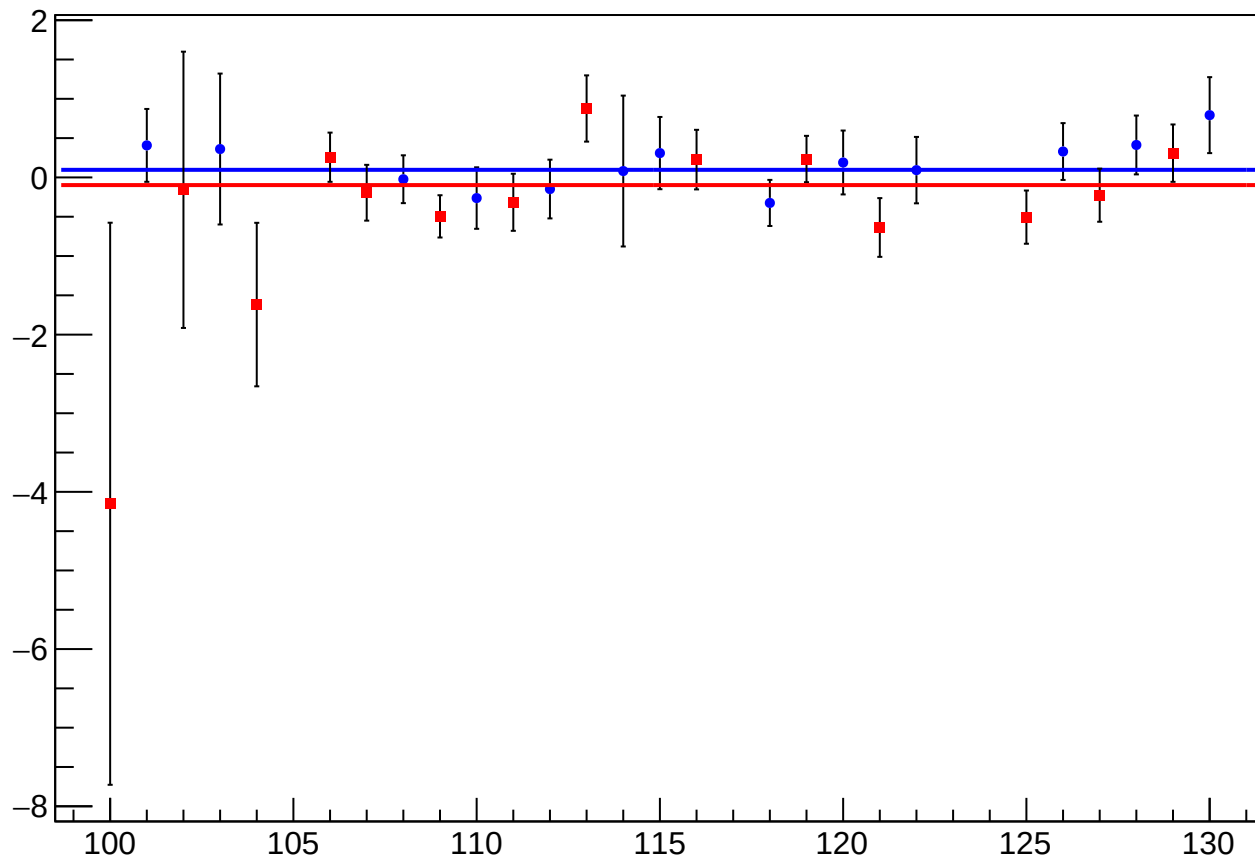
Right: 231.537+/-0.053 χ^2/NDF : 2284246.9/26

In: 249.311+/-0.080 χ^2/NDF : 896700.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 231.537+/-0.053 χ^2/NDF : 2284246.9/26

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.097 $\pm$ 0.113 χ^2 /NDF: 7.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.098 $\pm$ 0.101 χ^2 /NDF: 19.6/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

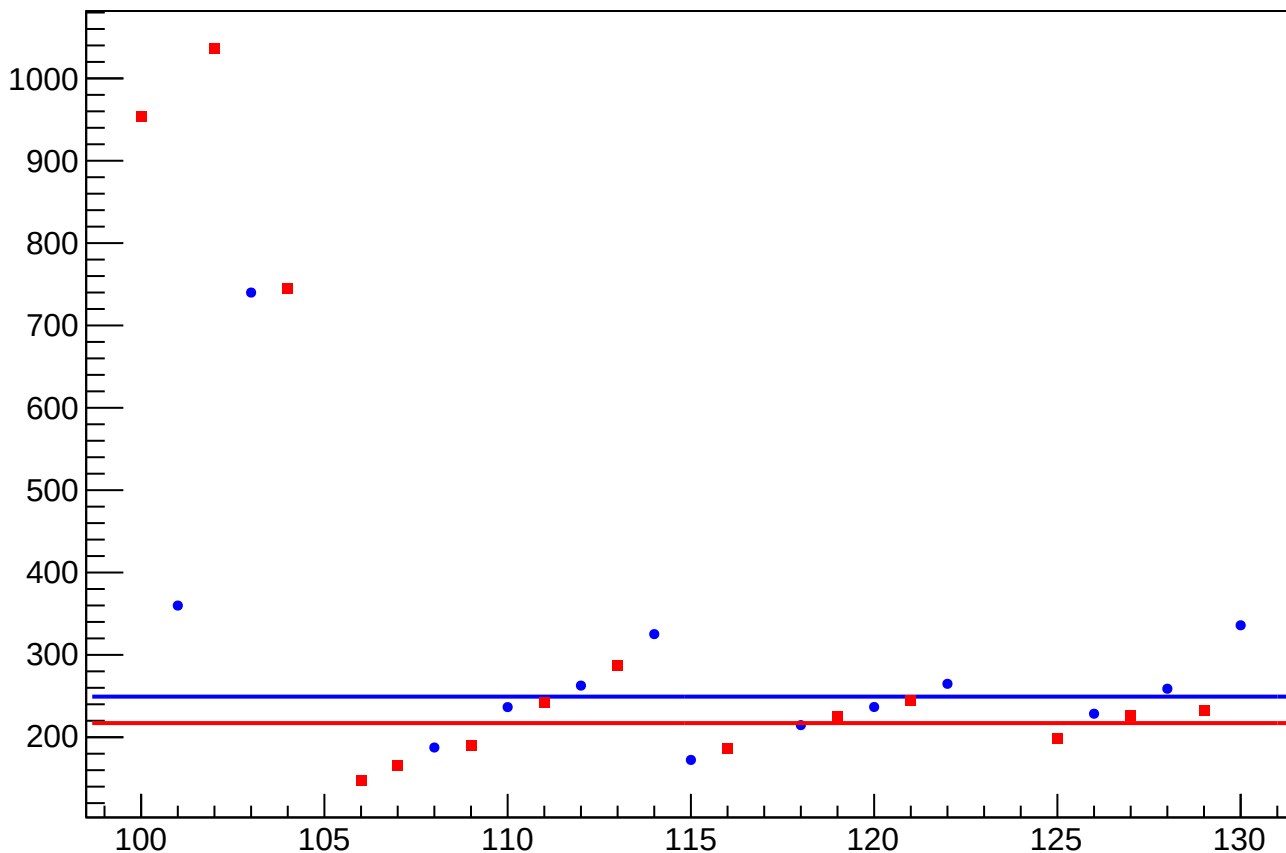
Right: -0.011 $\pm$ 0.075 χ^2 /NDF: 28.7/26

In: 0.097 $\pm$ 0.113 χ^2 /NDF: 7.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.011 $\pm$ 0.075 χ^2 /NDF: 28.7/26

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 249.311 $\pm$ 0.080 χ^2 /NDF: 896700.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 217.187 $\pm$ 0.072 χ^2 /NDF: 1297981.8/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

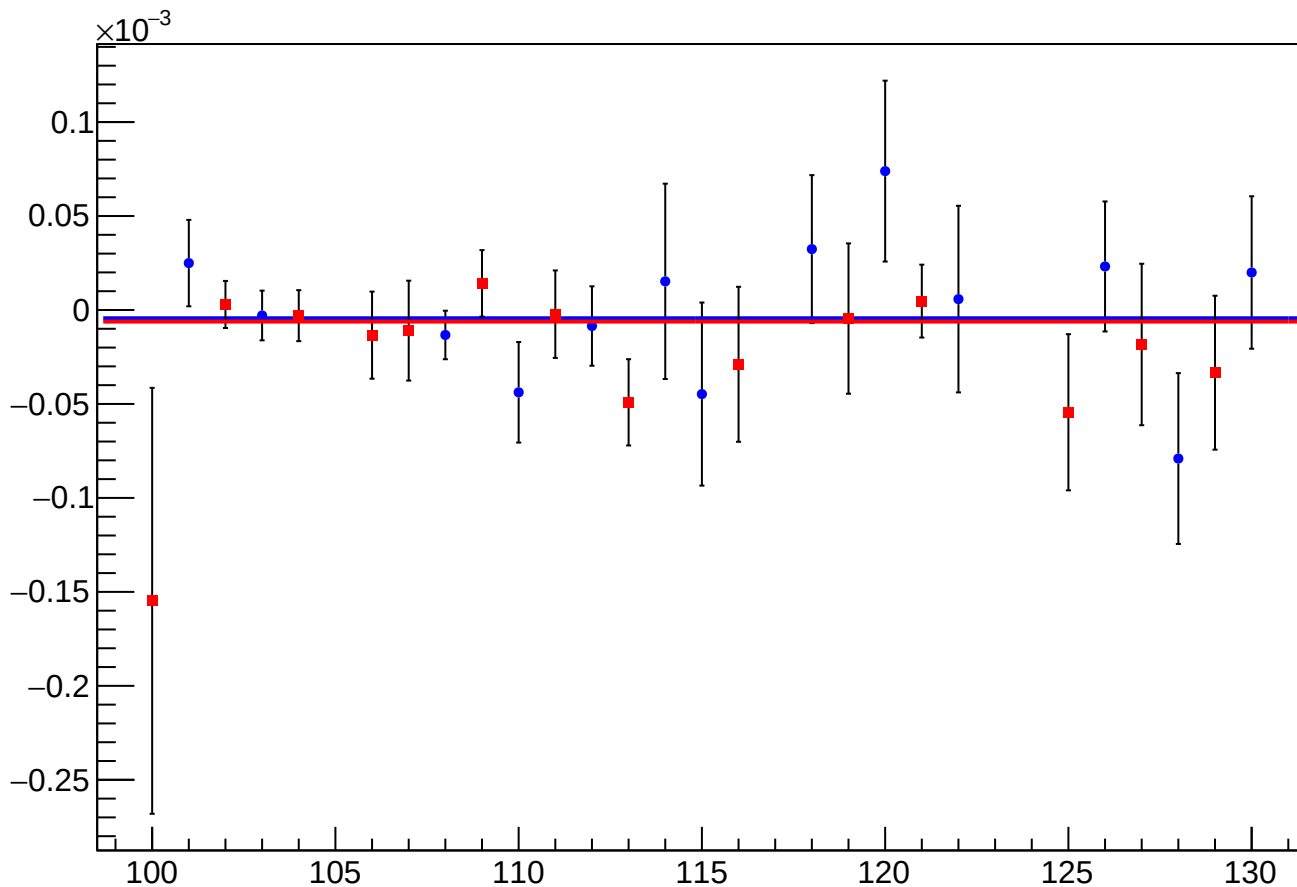
Right: 231.537 $\pm$ 0.053 χ^2 /NDF: 2284246.9/26

In: 249.311 $\pm$ 0.080 χ^2 /NDF:896700.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 231.537 $\pm$ 0.053 χ^2 /NDF: 2284246.9/26

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 12.4/12

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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

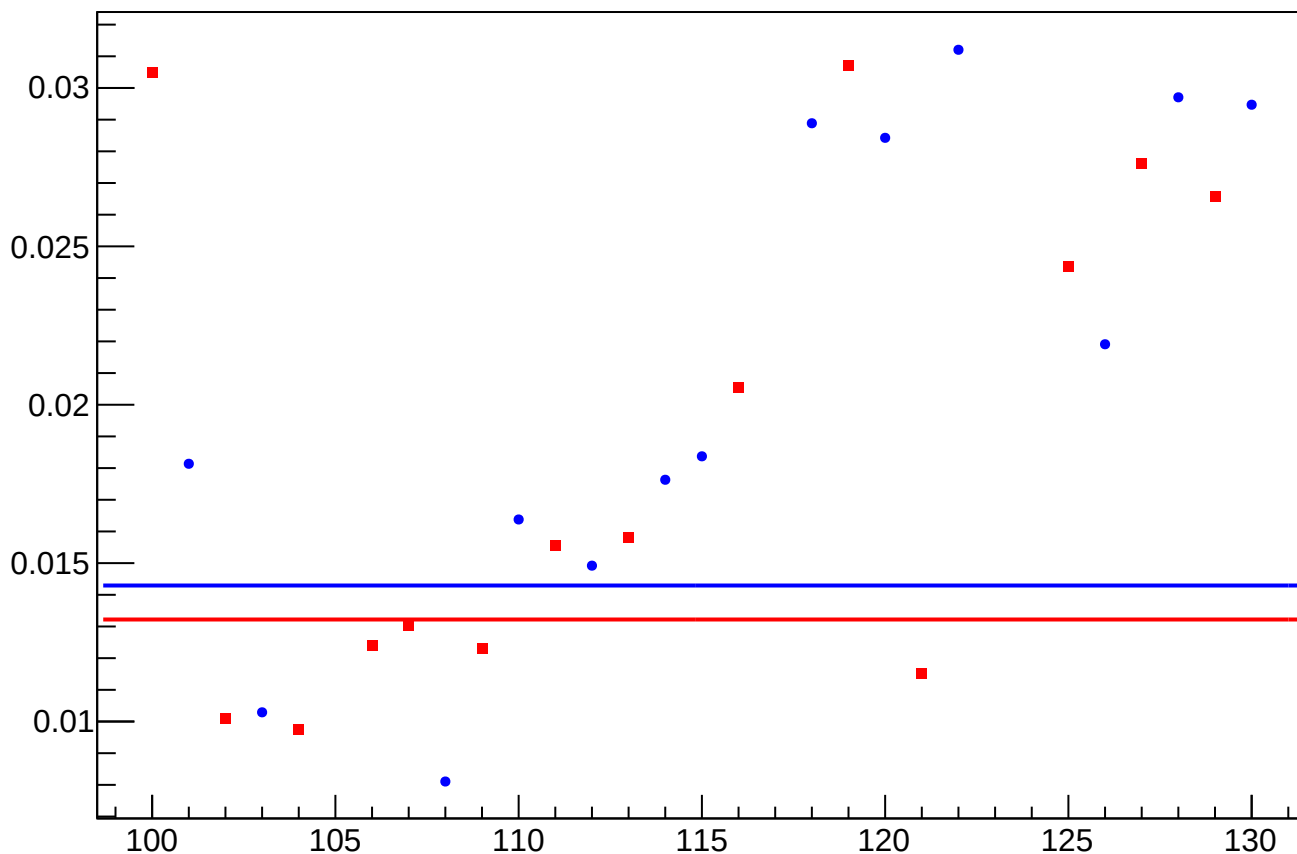
Right: -0.000+/-0.000 χ^2 /NDF: 22.2/26

In: -0.000+/-0.000 χ^2 /NDF:12.4/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 22.2/26

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000

χ^2/NDF : 2020581.6/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000

χ^2/NDF : 1397172.4/13

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.014+/-0.000

χ^2/NDF : 3445587.1/26

In: 0.014+/-0.000

χ^2/NDF : 2020581.6/12

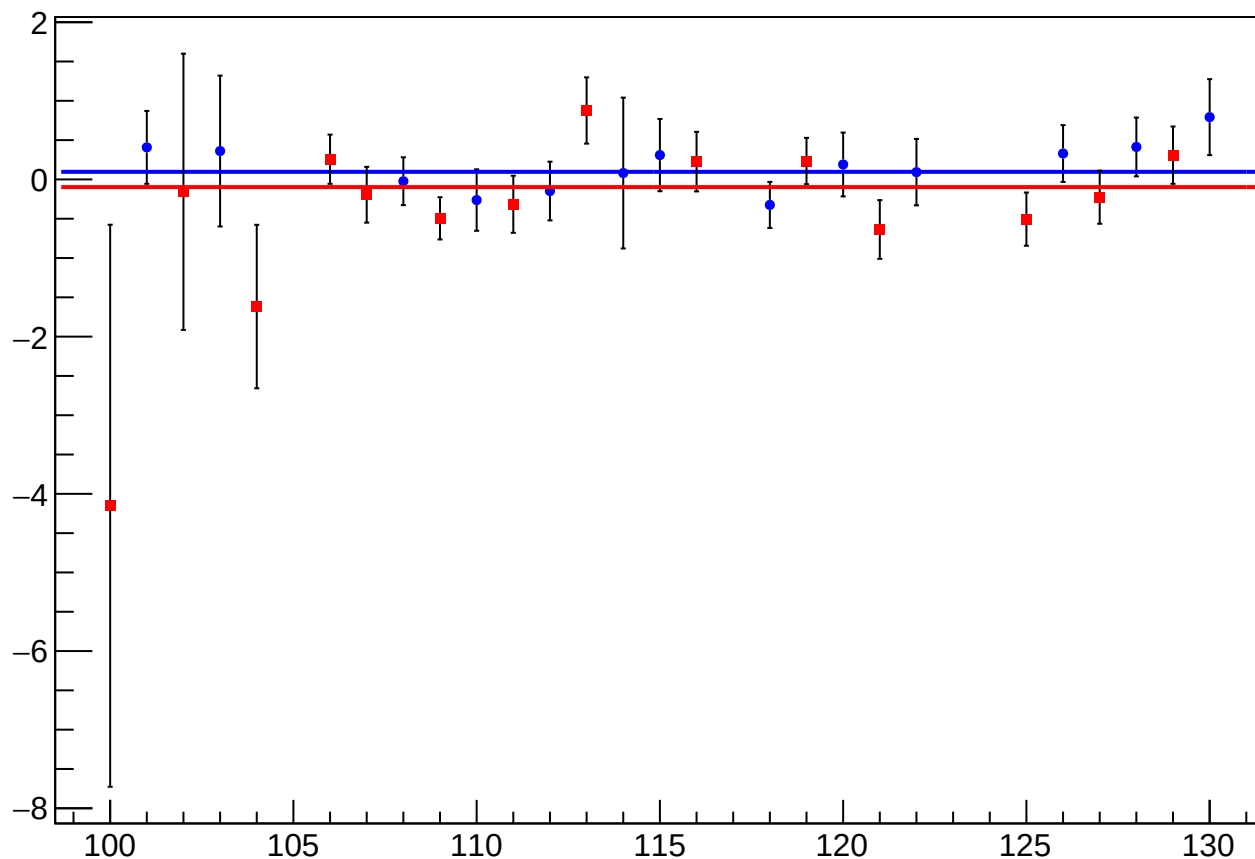
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.014+/-0.000

χ^2/NDF : 3445587.1/26

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.097+/-0.113 χ^2/NDF : 7.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.098+/-0.101 χ^2/NDF : 19.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

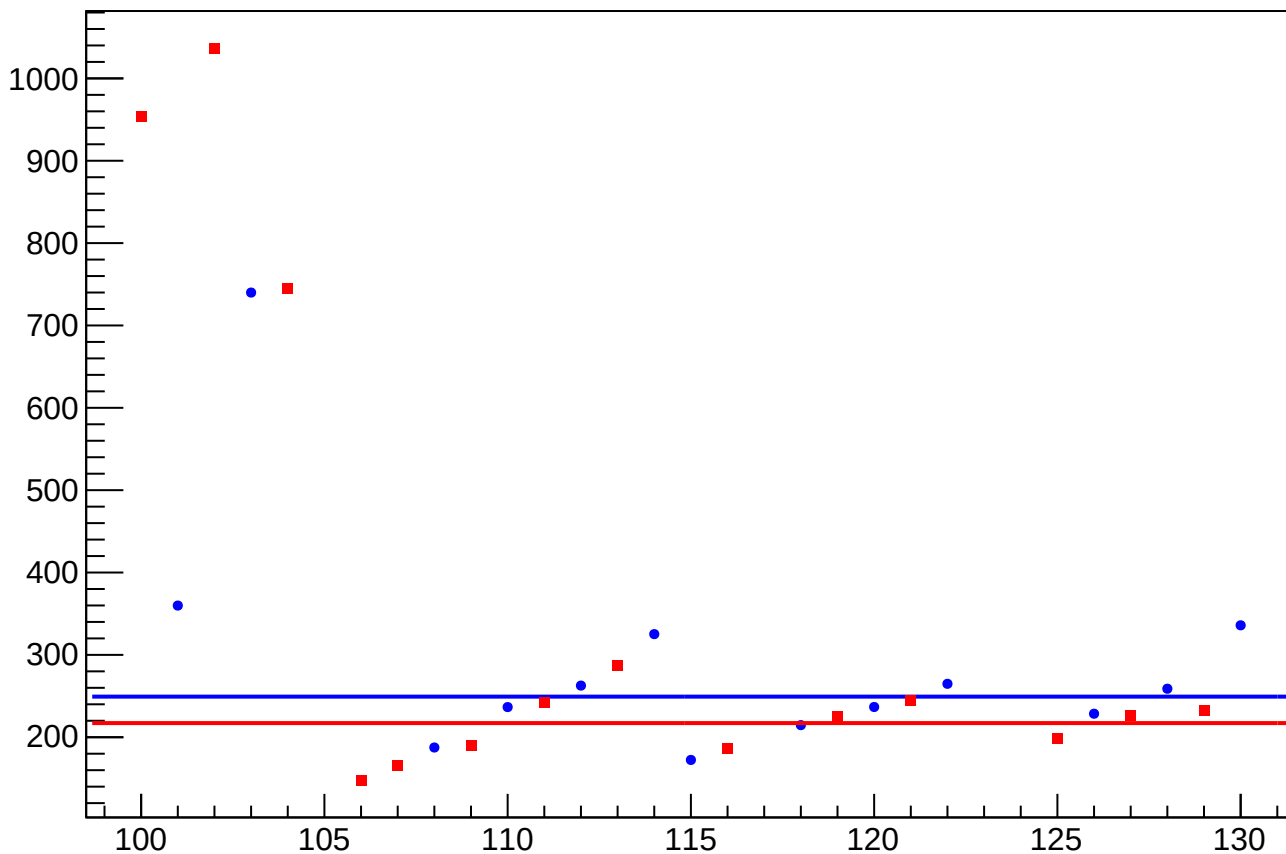
Right: -0.011+/-0.075 χ^2/NDF : 28.7/26

In: 0.097+/-0.113 χ^2/NDF : 7.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.075 χ^2/NDF : 28.7/26

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 249.310+/-0.080 χ^2/NDF : 896651.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 217.188+/-0.072 χ^2/NDF : 1297974.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

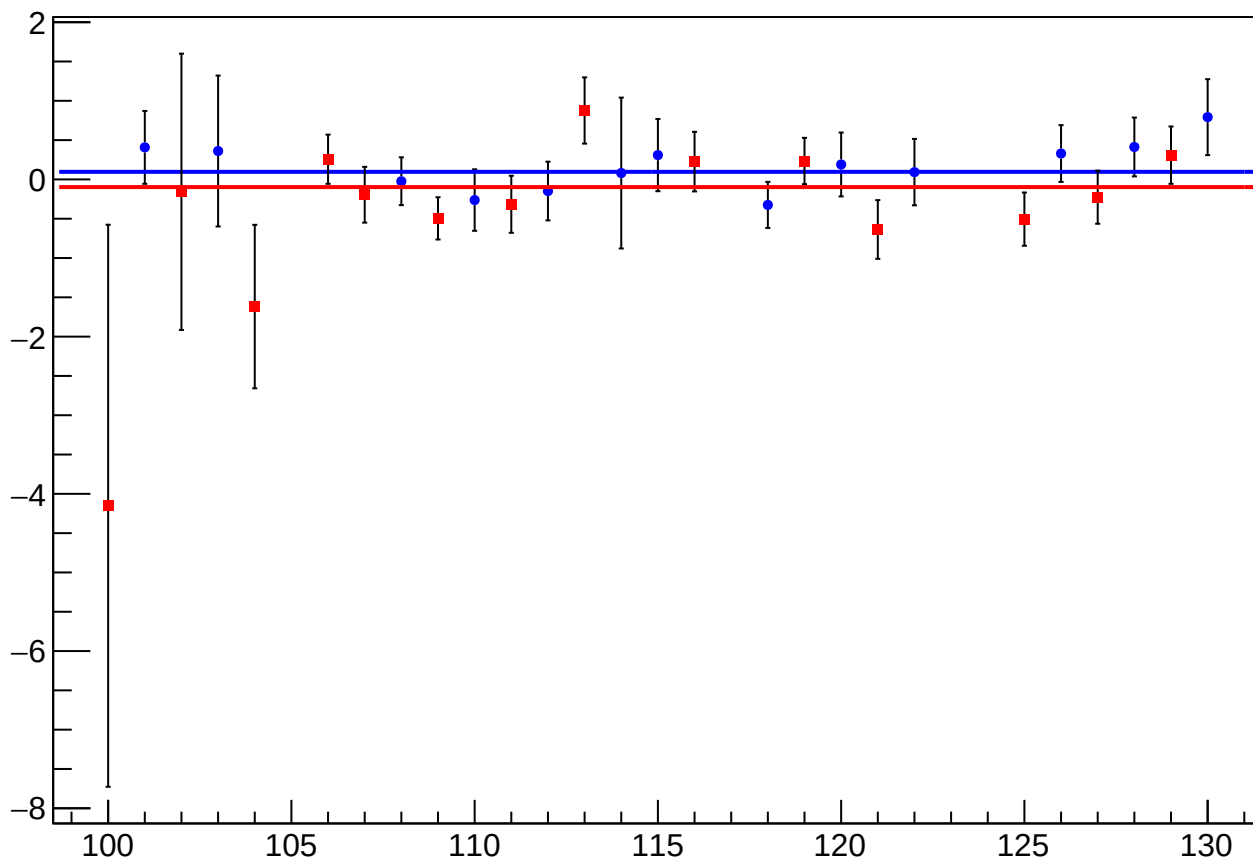
Right: 231.537+/-0.053 χ^2/NDF : 2284185.5/26

In: 249.310+/-0.080 χ^2/NDF : 896651.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 231.537+/-0.053 χ^2/NDF : 2284185.5/26

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.097 $\pm$ 0.113 χ^2 /NDF: 7.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.098 $\pm$ 0.101 χ^2 /NDF: 19.6/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

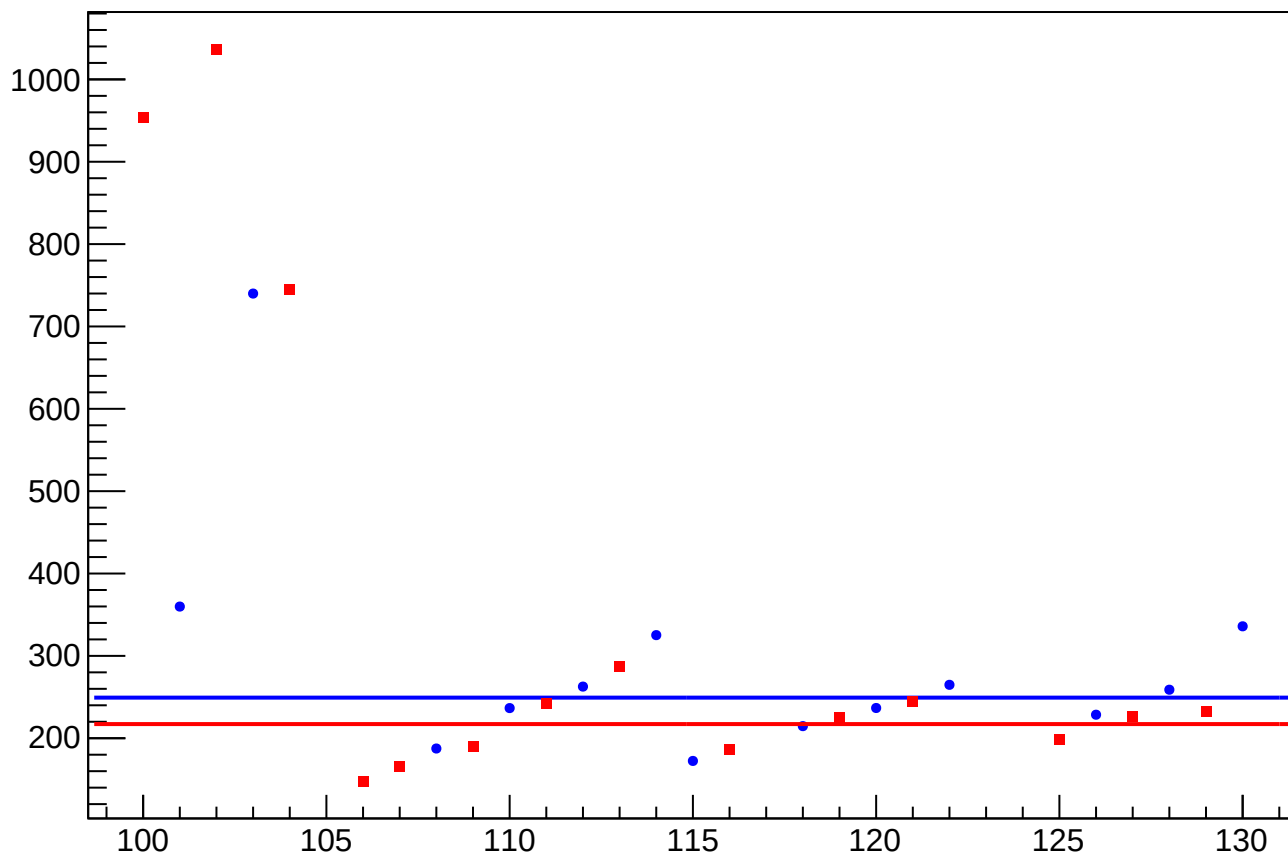
Right: -0.011 $\pm$ 0.075 χ^2 /NDF: 28.7/26

In: 0.097 $\pm$ 0.113 χ^2 /NDF:7.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.011 $\pm$ 0.075 χ^2 /NDF: 28.7/26

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 249.310+/-0.080 χ^2/NDF : 896651.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 217.188+/-0.072 χ^2/NDF : 1297974.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

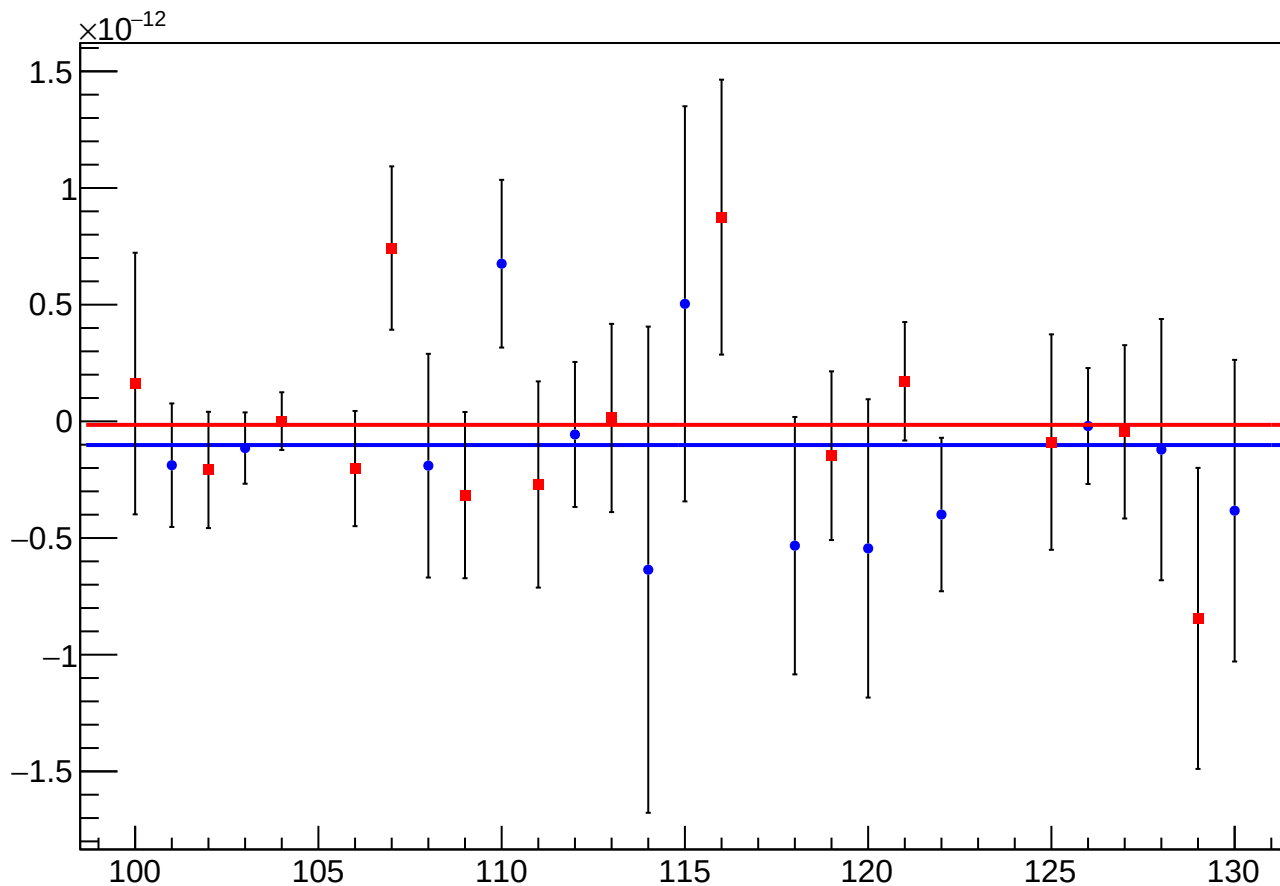
Right: 231.537+/-0.053 χ^2/NDF : 2284185.5/26

In: 249.310+/-0.080 χ^2/NDF : 896651.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 231.537+/-0.053 χ^2/NDF : 2284185.5/26

asym_us_avg_at2lr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

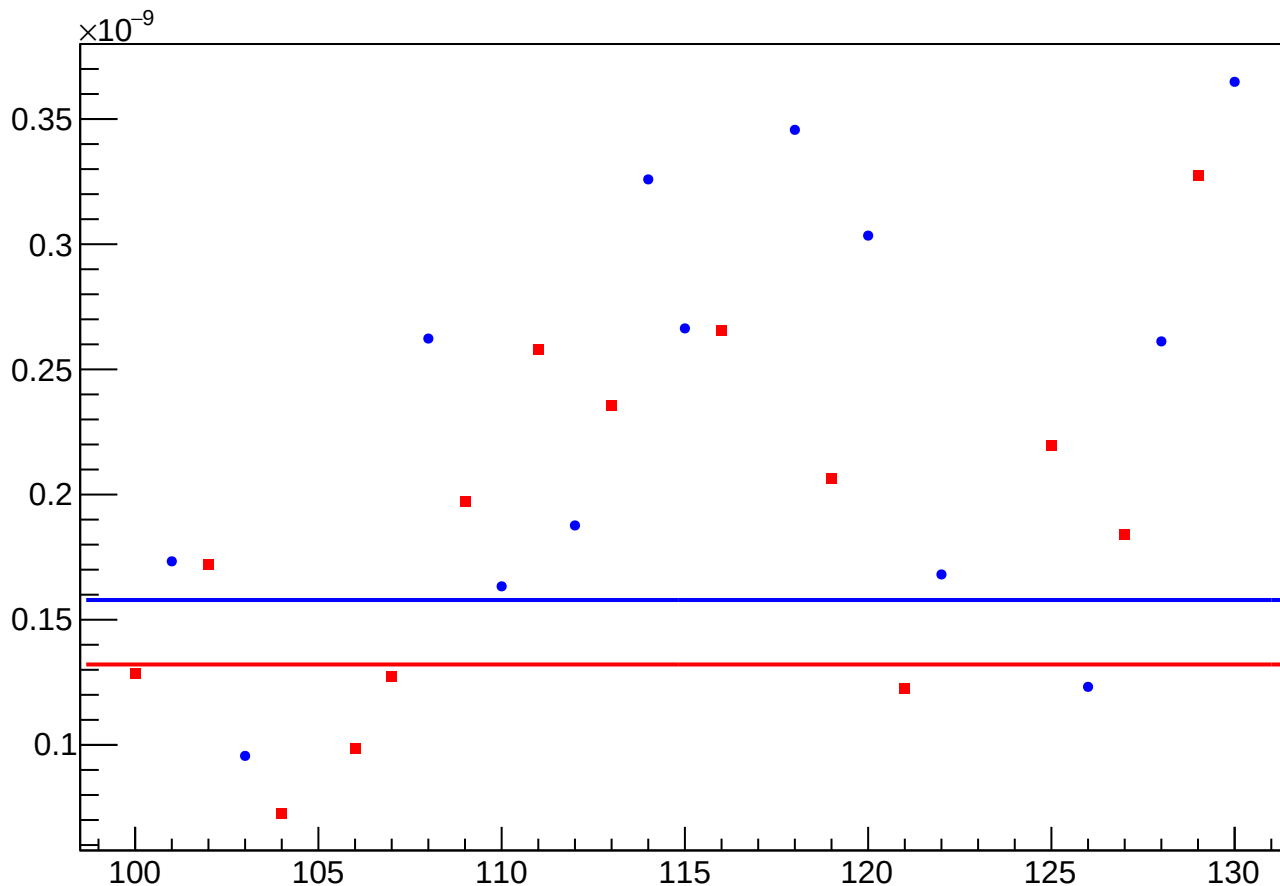
Right: -0.000+/-0.000 χ^2/NDF : 20.0/26

In: -0.000+/-0.000 χ^2/NDF : 7.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.0/26

asym_us_avg_at2lr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1186770.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1398220.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

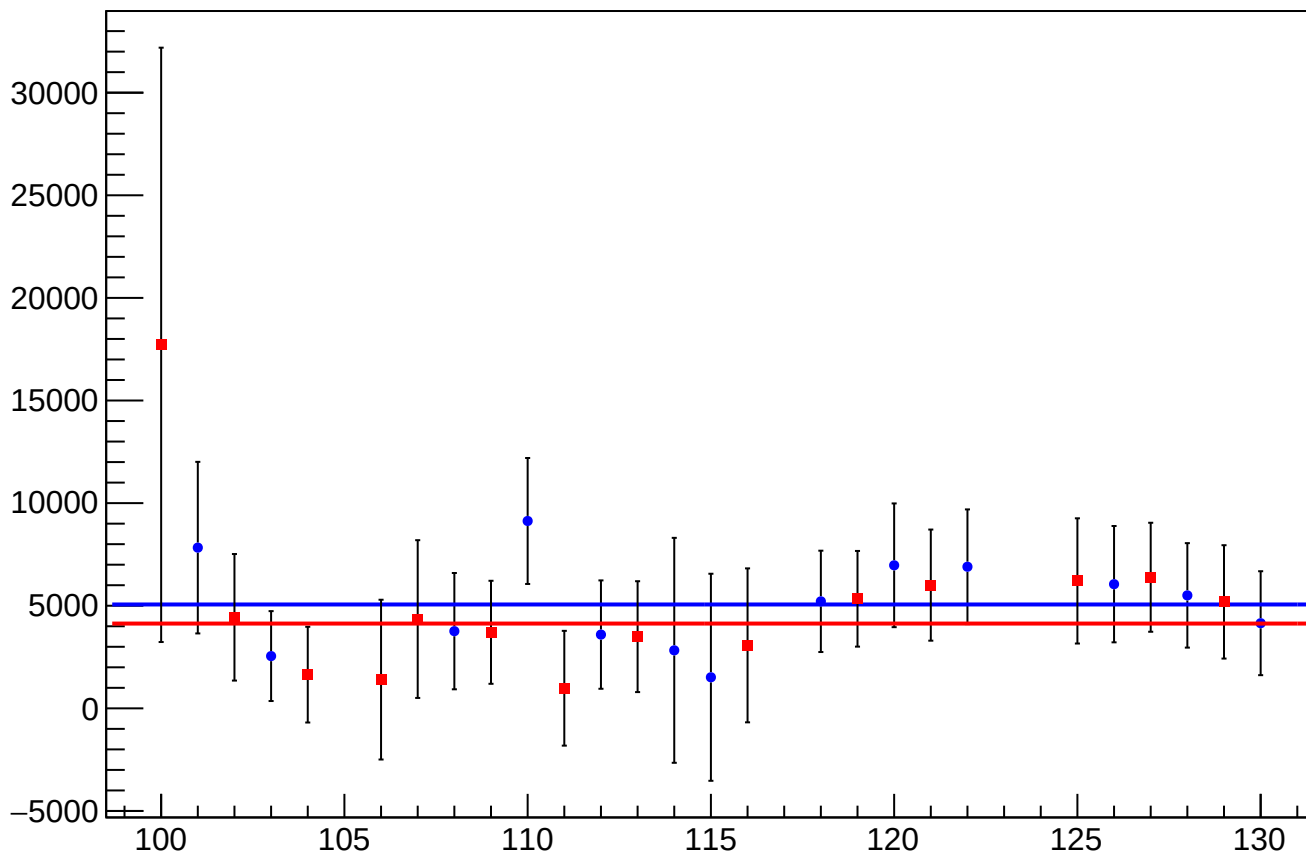
Right: 0.000+/-0.000 χ^2/NDF : 2677339.8/26

In: 0.000+/-0.000 χ^2/NDF : 1186770.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2677339.8/26

reg_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5061.529+/-803.379 χ^2/NDF : 5.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4131.518+/-784.971 χ^2/NDF : 6.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

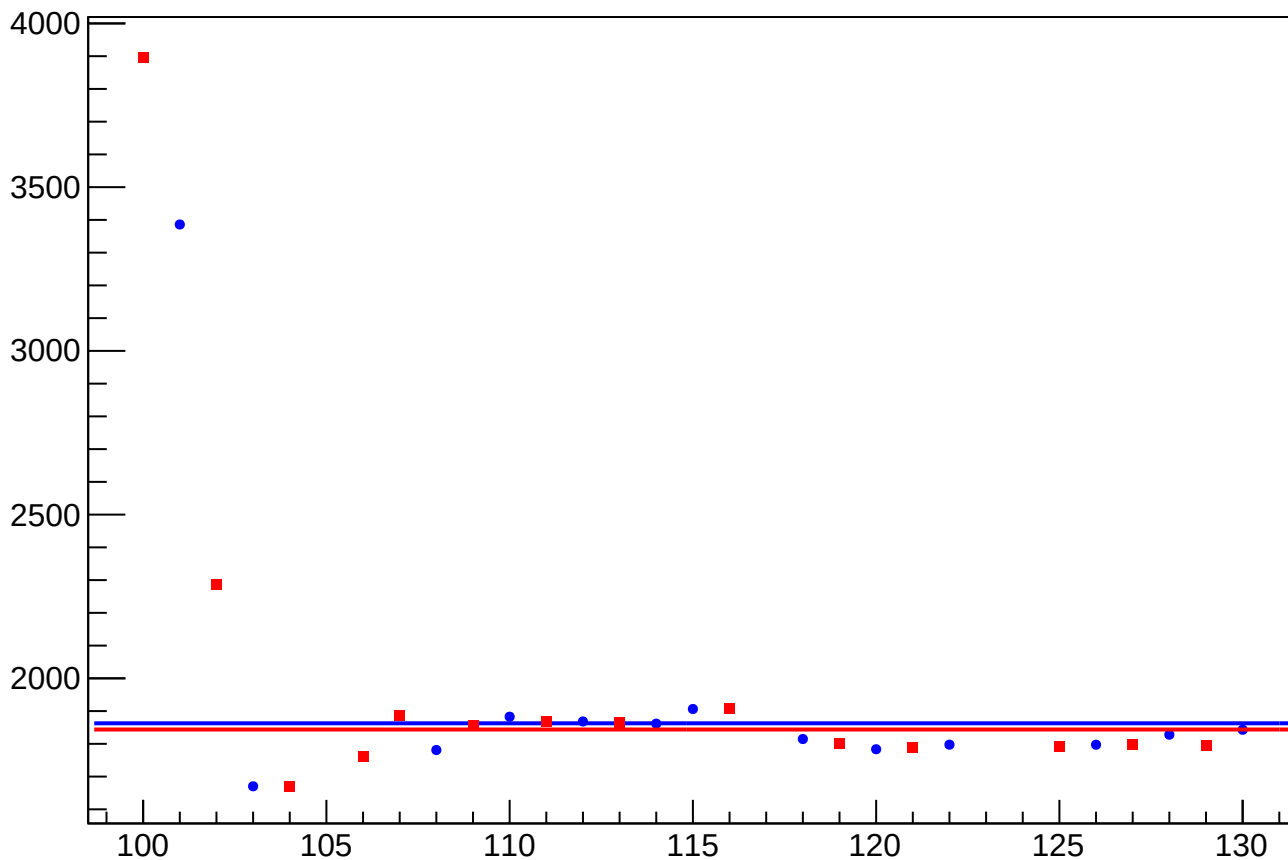
Right: 4585.747+/-561.453 χ^2/NDF : 12.5/26

In: 5061.529+/-803.379 χ^2/NDF : 5.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4585.747+/-561.453 χ^2/NDF : 12.5/26

reg_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1862.707+/-0.568 χ^2/NDF : 287700.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1843.728+/-0.553 χ^2/NDF : 98025.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

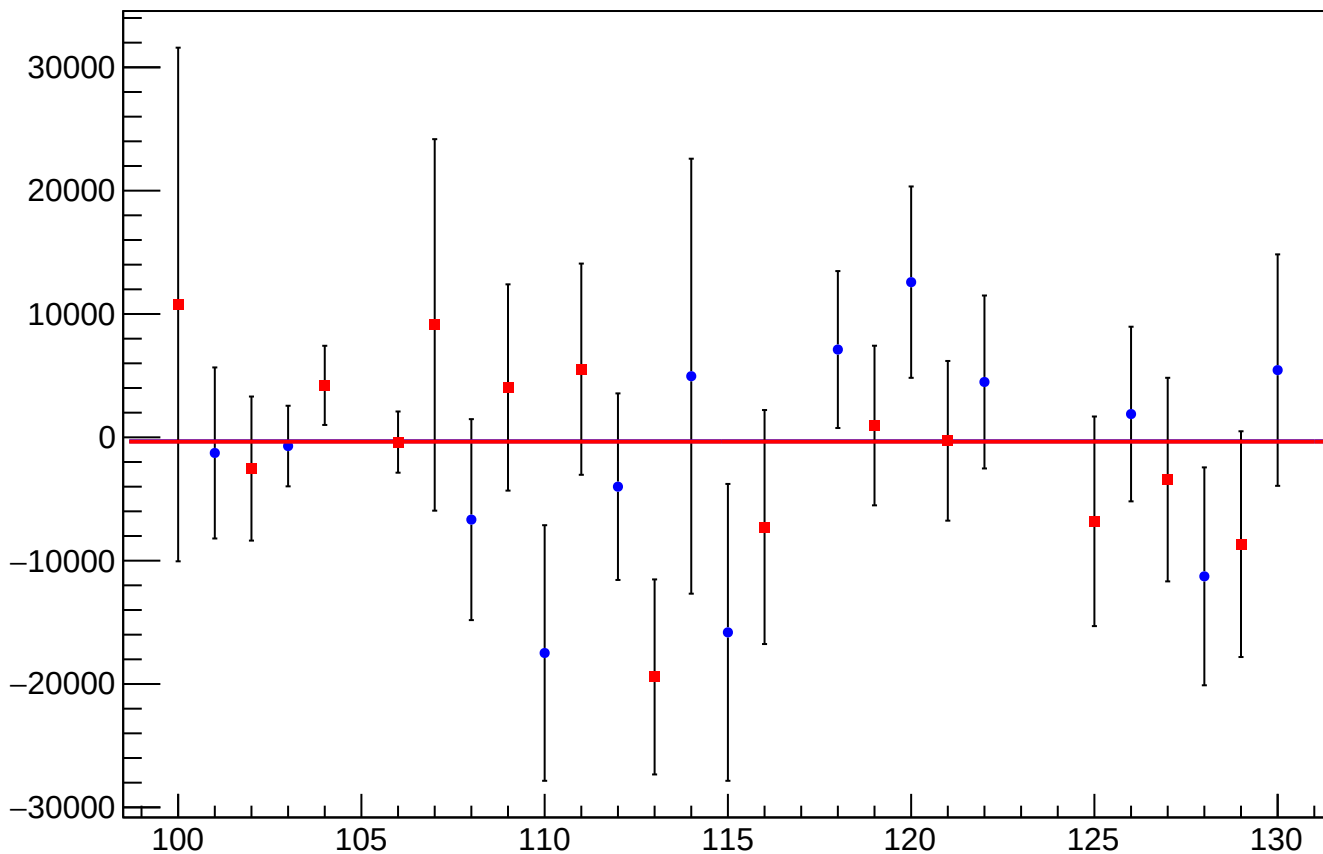
Right: 1852.961+/-0.396 χ^2/NDF : 386298.6/26

In: 1862.707+/-0.568 χ^2/NDF : 287700.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1852.961+/-0.396 χ^2/NDF : 386298.6/26

asym_us_avg_atlr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -322.518+/-1916.675 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -348.932+/-1509.672 χ^2/NDF : 11.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

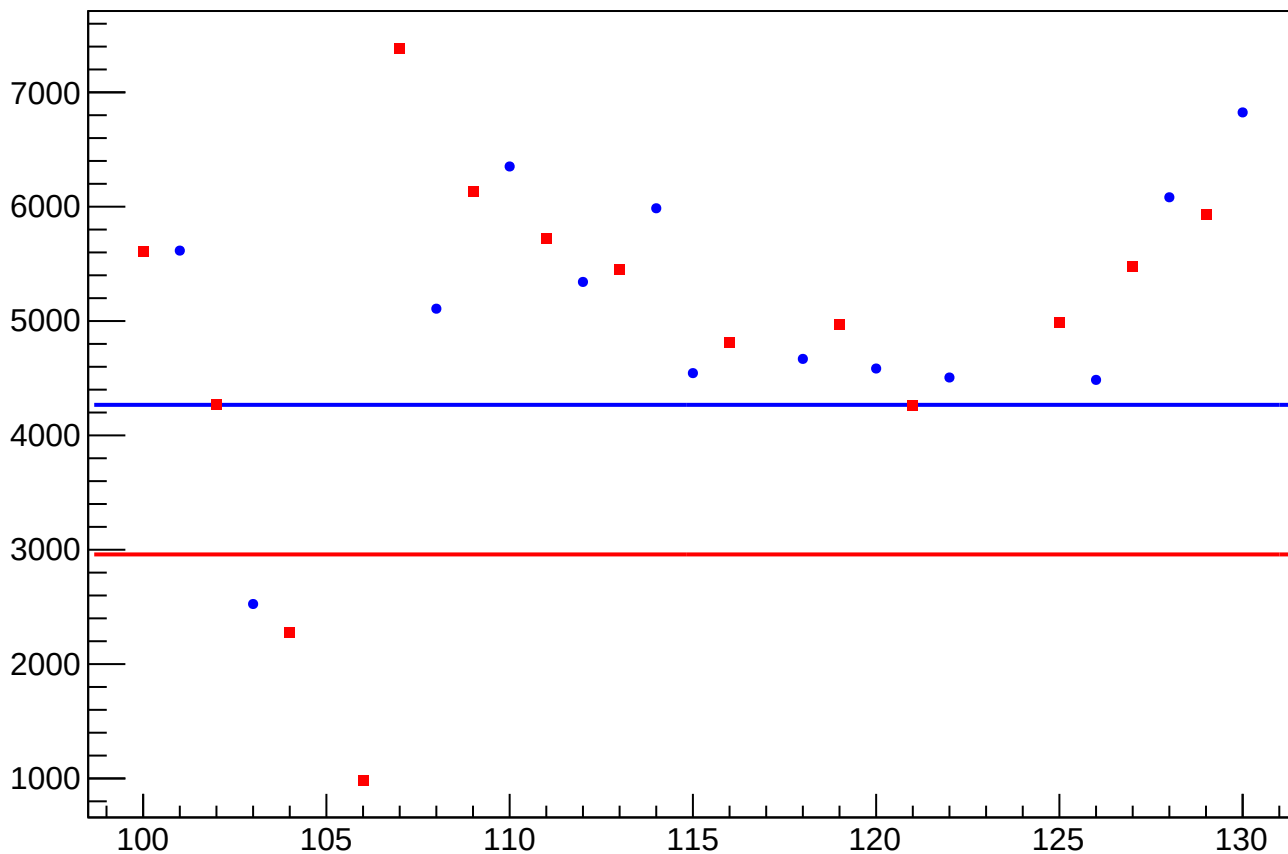
Right: -338.819+/-1185.966 χ^2/NDF : 23.5/26

In: -322.518+/-1916.675 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -338.819+/-1185.966 χ^2/NDF : 23.5/26

asym_us_avg_atlr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 4267.112+/-1.355 χ^2/NDF : 1055010.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2959.029+/-1.067 χ^2/NDF : 3221437.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

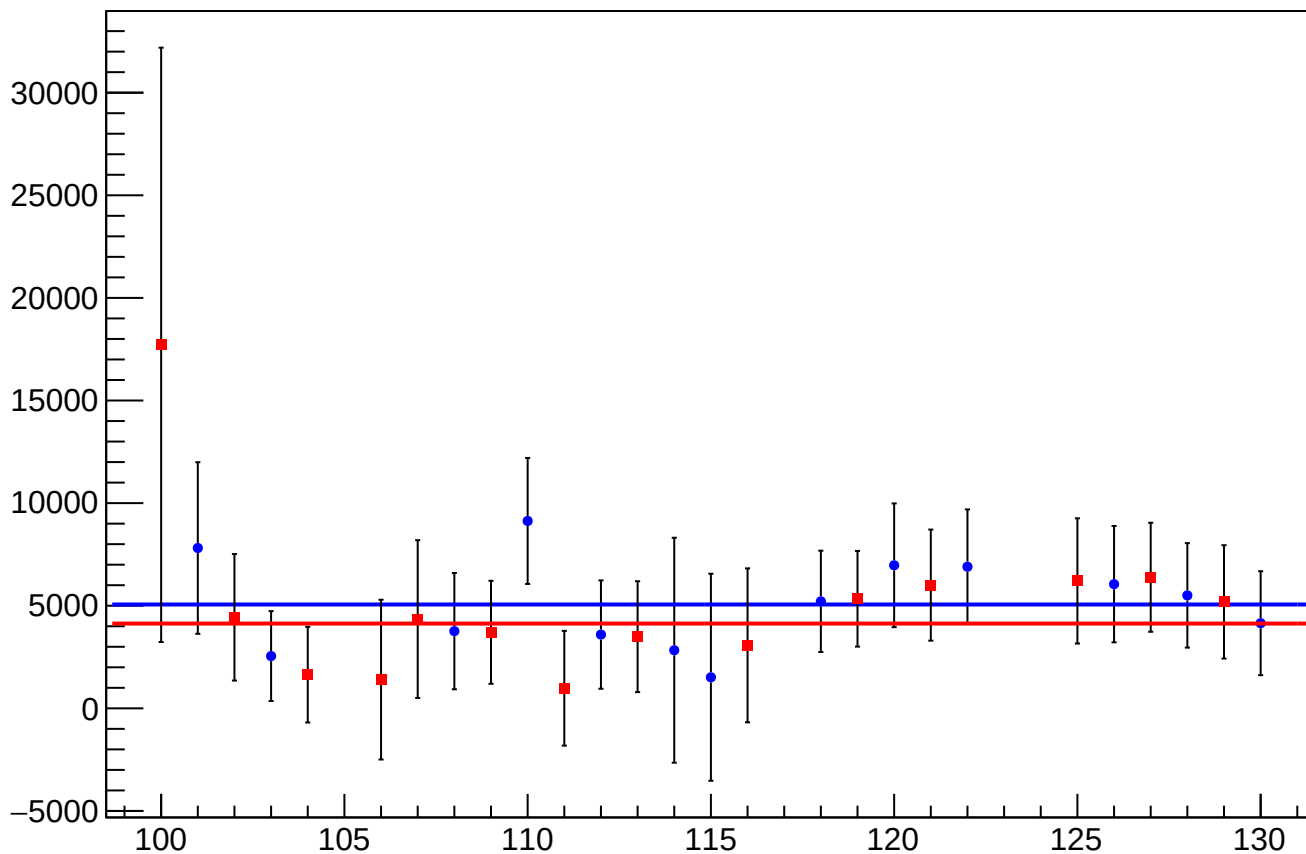
Right: 3459.850+/-0.839 χ^2/NDF : 4851334.4/26

In: 4267.112+/-1.355 χ^2/NDF : 1055010.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3459.850+/-0.839 χ^2/NDF : 4851334.4/26

cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5060.993+/-803.379 χ^2/NDF : 5.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4131.241+/-784.971 χ^2/NDF : 6.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

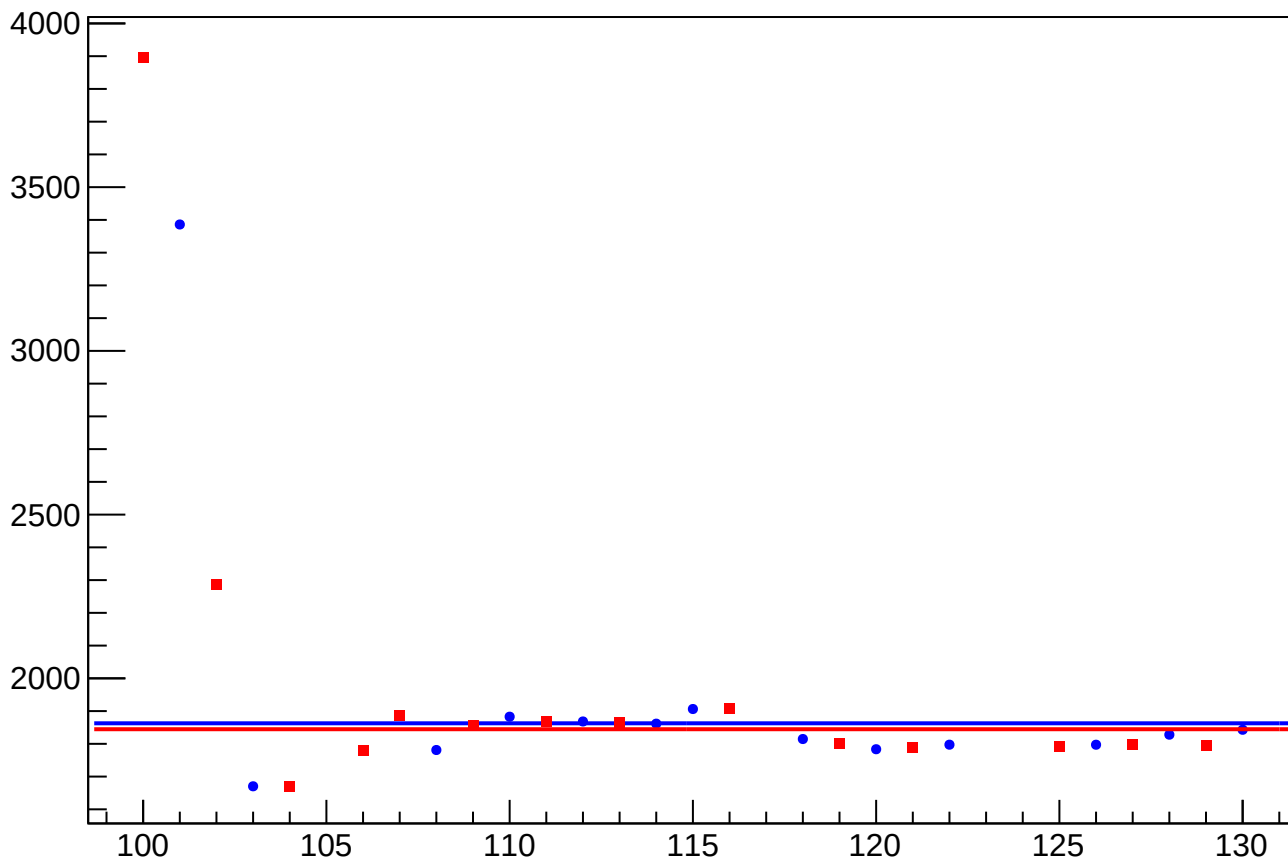
Right: 4585.343+/-561.454 χ^2/NDF : 12.5/26

In: 5060.993+/-803.379 χ^2/NDF : 5.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4585.343+/-561.454 χ^2/NDF : 12.5/26

cor_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1862.707+/-0.568 χ^2/NDF : 287702.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1844.618+/-0.553 χ^2/NDF : 97611.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

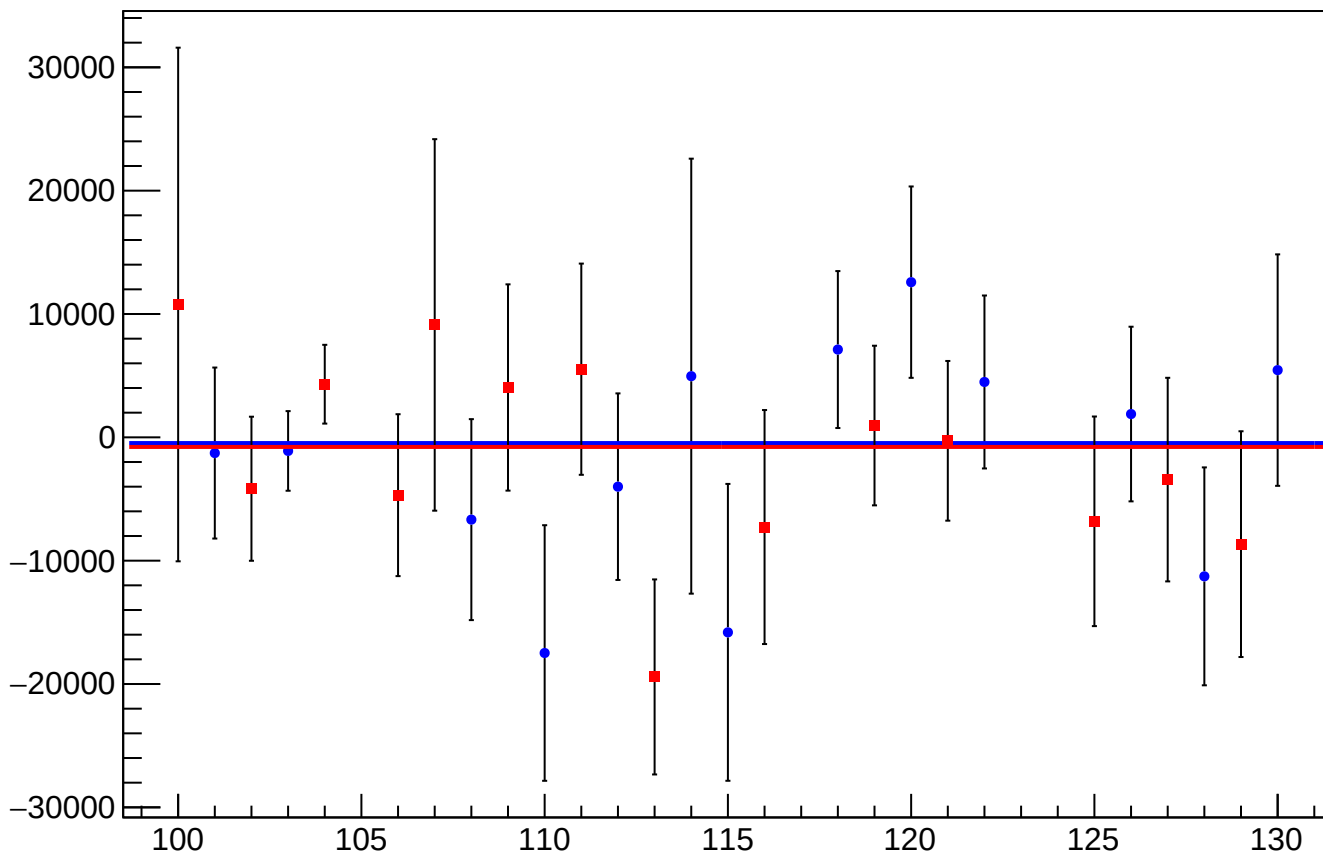
Right: 1853.422+/-0.396 χ^2/NDF : 385833.9/26

In: 1862.707+/-0.568 χ^2/NDF : 287702.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1853.422+/-0.396 χ^2/NDF : 385833.9/26

asym_us_avg_atlr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -464.165+/-1908.598 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -778.195+/-1824.081 χ^2/NDF : 12.3/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

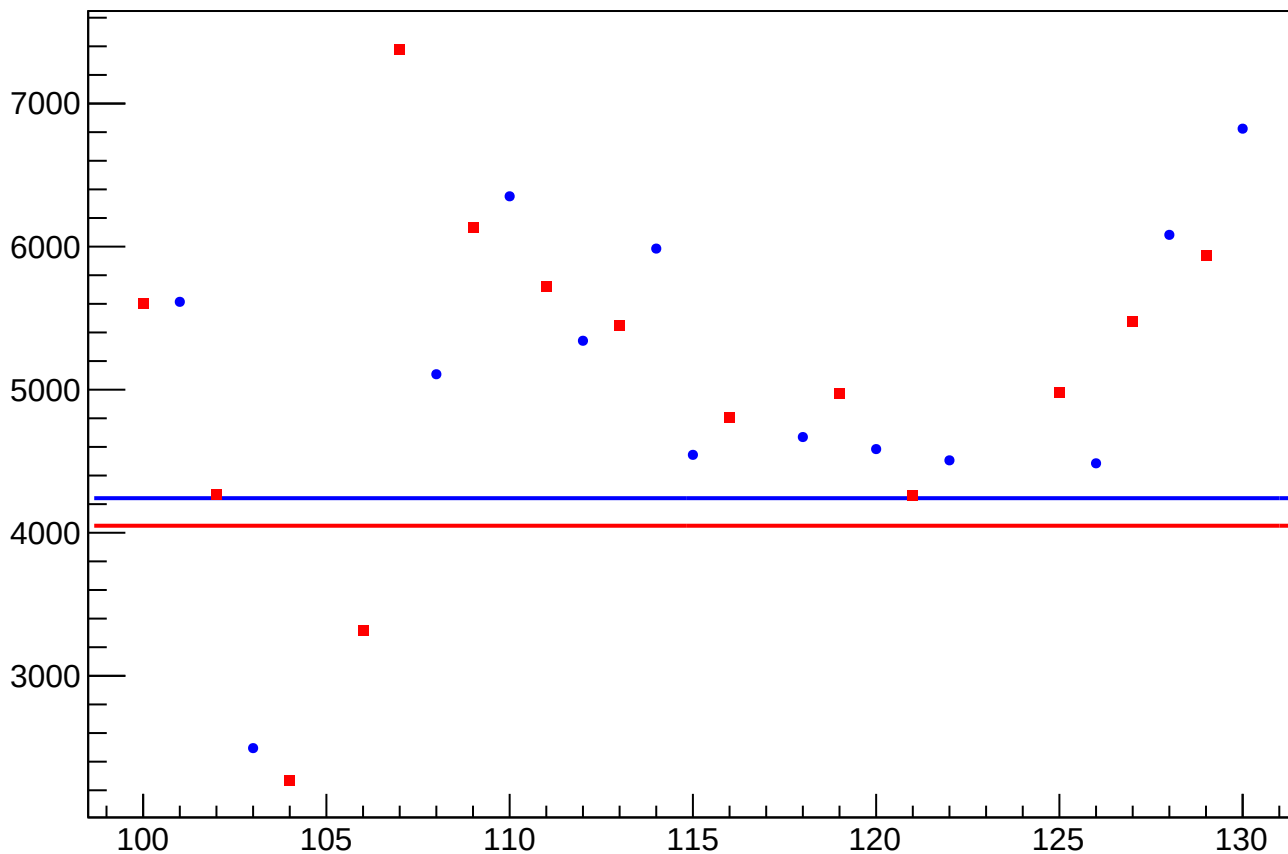
Right: -628.287+/-1318.687 χ^2/NDF : 24.3/26

In: -464.165+/-1908.598 χ^2/NDF :12.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -628.287+/-1318.687 χ^2/NDF : 24.3/26

asym_us_avg_atlr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 4241.679+/-1.350 χ^2/NDF : 1089257.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 4049.085+/-1.290 χ^2/NDF : 1245736.9/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

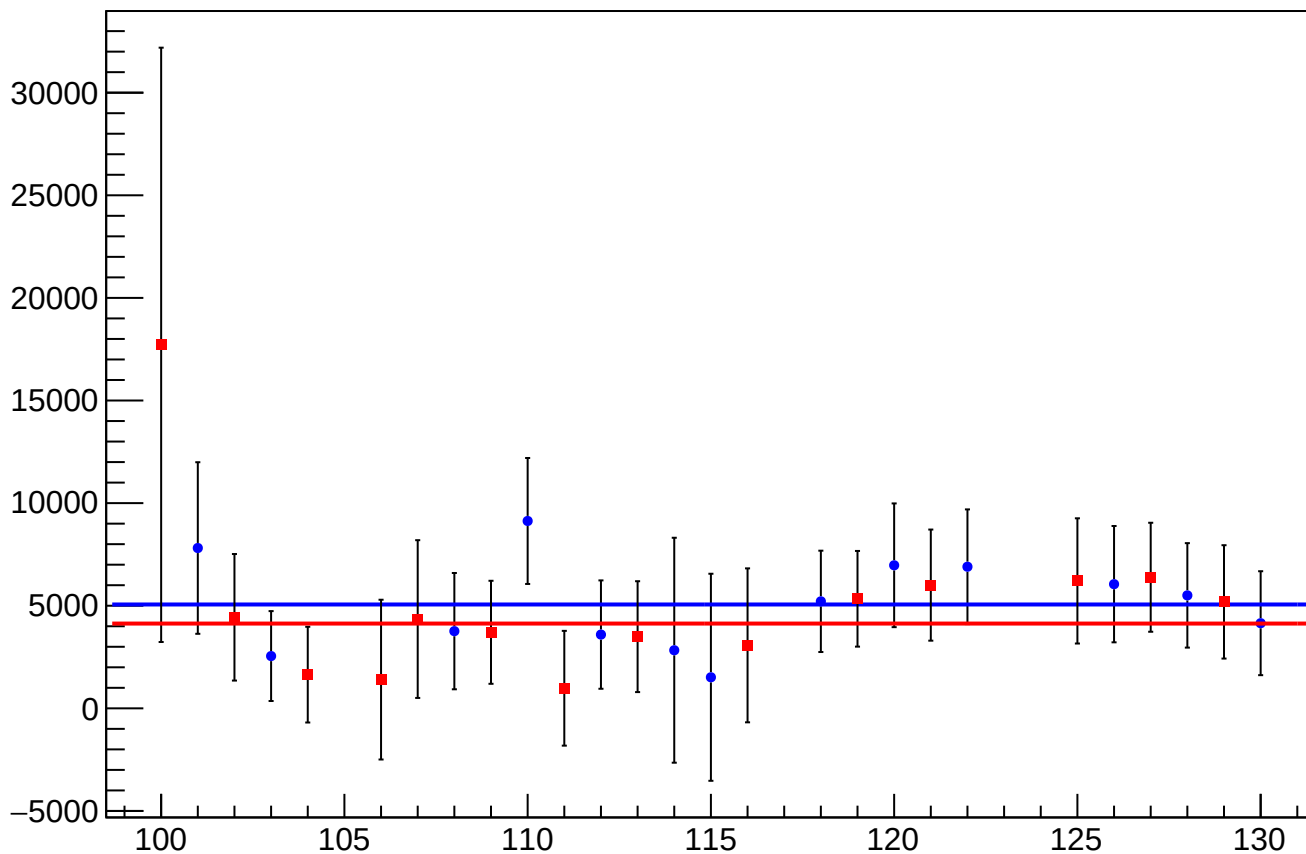
Right: 4141.024+/-0.932 χ^2/NDF : 2345637.7/26

In: 4241.679+/-1.350 χ^2/NDF :1089257.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4141.024+/-0.932 χ^2/NDF : 2345637.7/26

eigen_cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5060.993+/-803.379 χ^2/NDF : 5.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4131.241+/-784.971 χ^2/NDF : 6.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

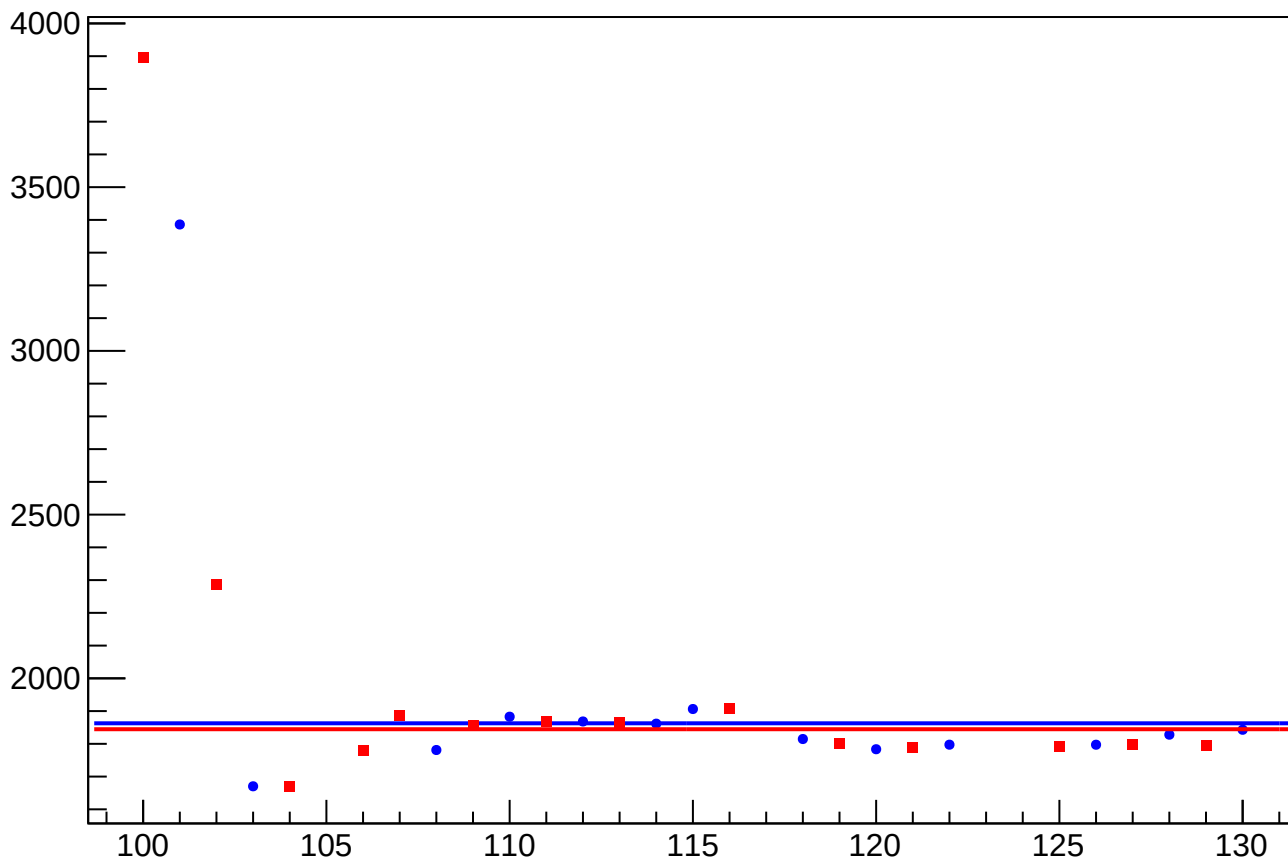
Right: 4585.343+/-561.454 χ^2/NDF : 12.5/26

In: 5060.993+/-803.379 χ^2/NDF : 5.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4585.343+/-561.454 χ^2/NDF : 12.5/26

eigen_cor_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1862.707+/-0.568 χ^2/NDF : 287702.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1844.618+/-0.553 χ^2/NDF : 97611.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

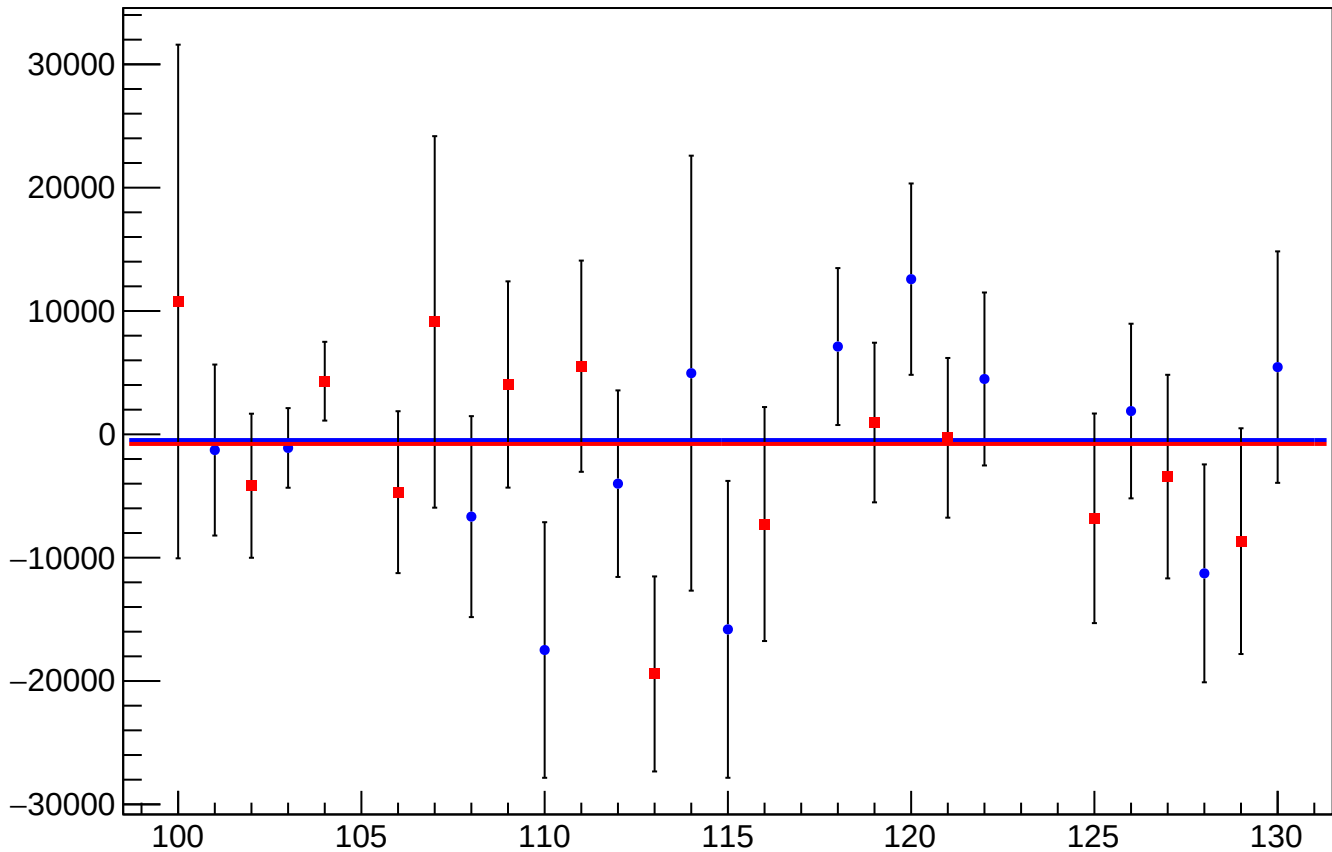
Right: 1853.422+/-0.396 χ^2/NDF : 385833.9/26

In: 1862.707+/-0.568 χ^2/NDF : 287702.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1853.422+/-0.396 χ^2/NDF : 385833.9/26

asym_us_avg_atlr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -464.165+/-1908.598 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -778.195+/-1824.081 χ^2/NDF : 12.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

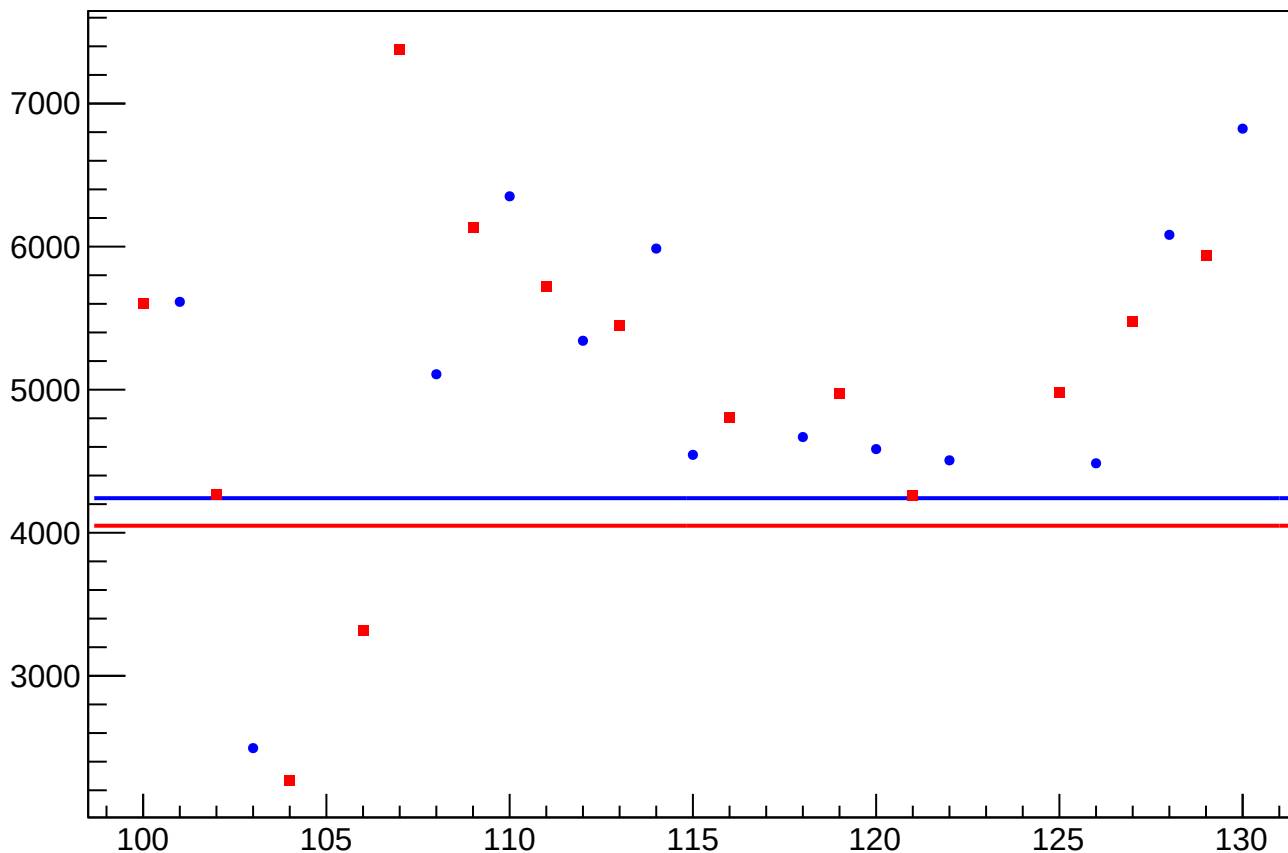
Right: -628.287+/-1318.687 χ^2/NDF : 24.3/26

In: -464.165+/-1908.598 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -628.287+/-1318.687 χ^2/NDF : 24.3/26

asym_us_avg_atlr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4241.679+/-1.350 χ^2/NDF : 1089257.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4049.085+/-1.290 χ^2/NDF : 1245736.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

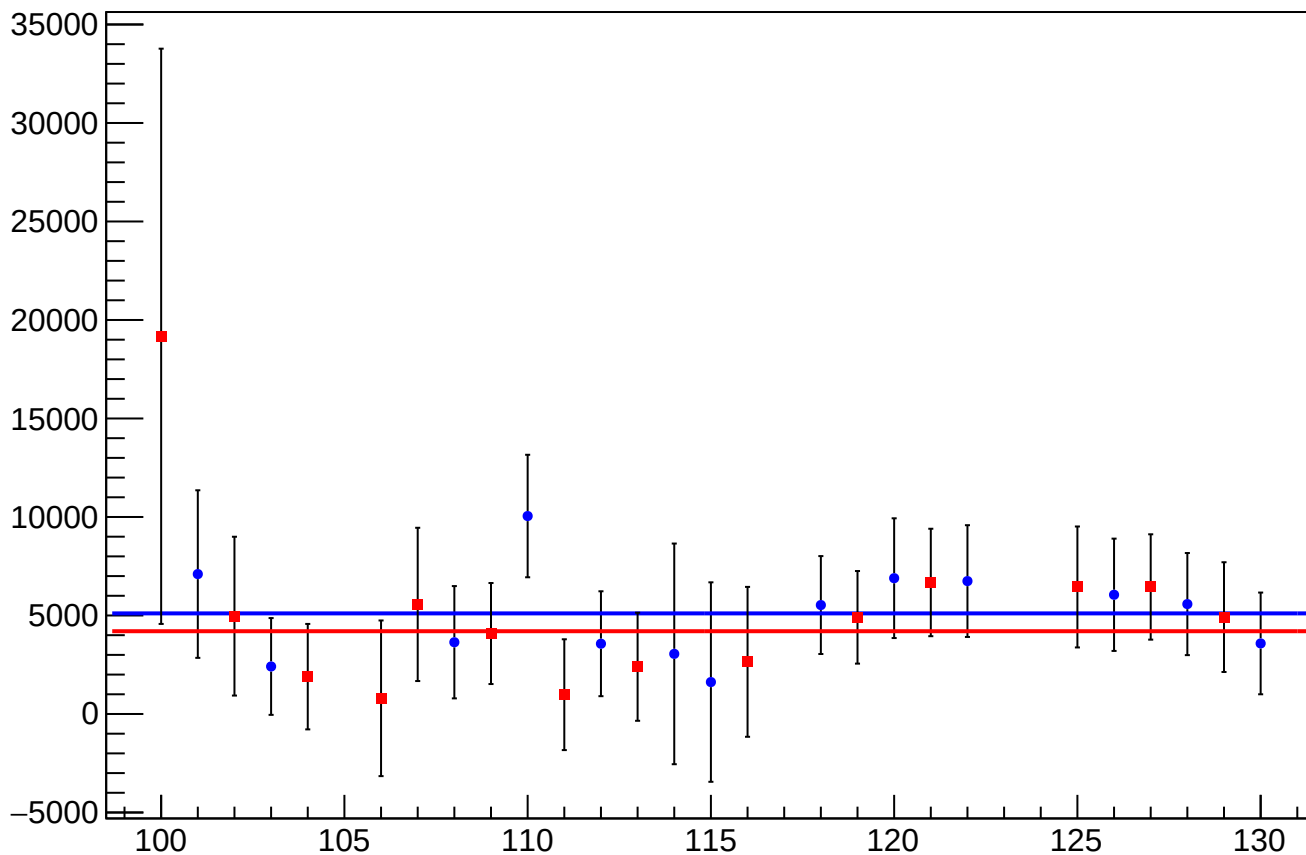
Right: 4141.024+/-0.932 χ^2/NDF : 2345637.7/26

In: 4241.679+/-1.350 χ^2/NDF : 1089257.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4141.024+/-0.932 χ^2/NDF : 2345637.7/26

dit_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5106.363+/-823.115 χ^2/NDF : 6.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 4201.504+/-814.639 χ^2/NDF : 6.8/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

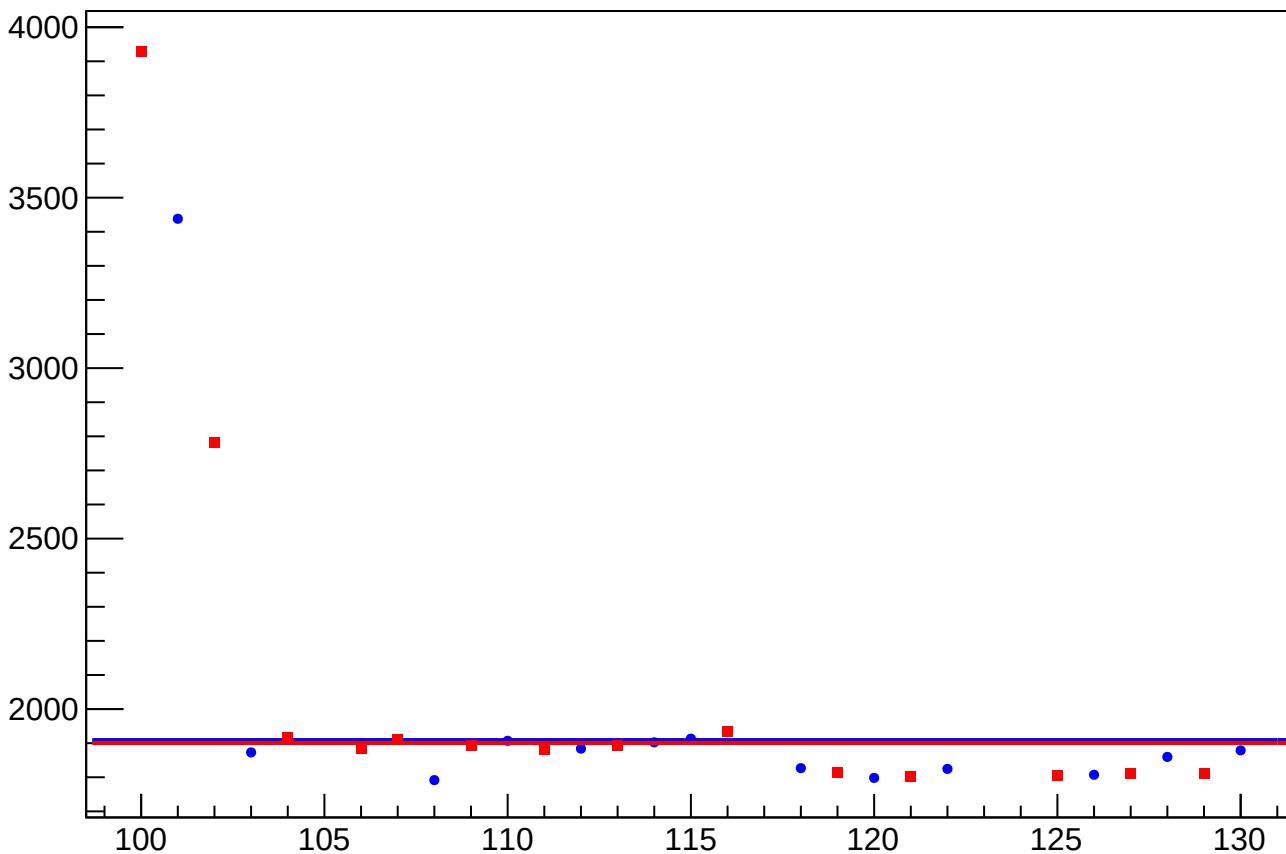
Right: 4649.251+/-579.010 χ^2/NDF : 13.8/26

In: 5106.363+/-823.115 χ^2/NDF :6.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4649.251+/-579.010 χ^2/NDF : 13.8/26

dit_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1909.073+/-0.582 χ^2/NDF : 272685.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1900.457+/-0.575 χ^2/NDF : 146107.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

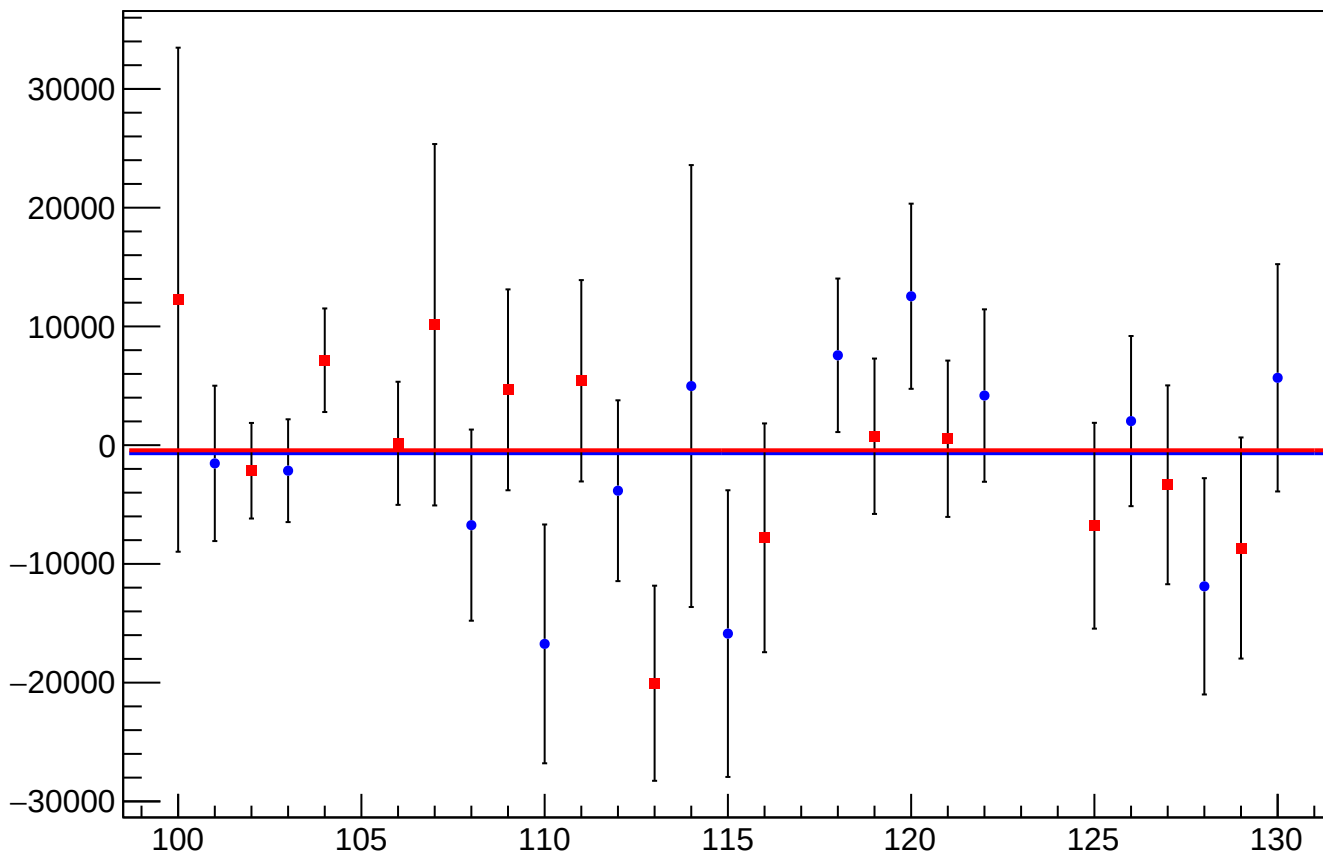
Right: 1904.714+/-0.409 χ^2/NDF : 418904.7/26

In: 1909.073+/-0.582 χ^2/NDF : 272685.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1904.714+/-0.409 χ^2/NDF : 418904.7/26

asym_us_avg_atlr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -676.171+/-2081.386 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -433.133+/-1834.887 χ^2/NDF : 12.7/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

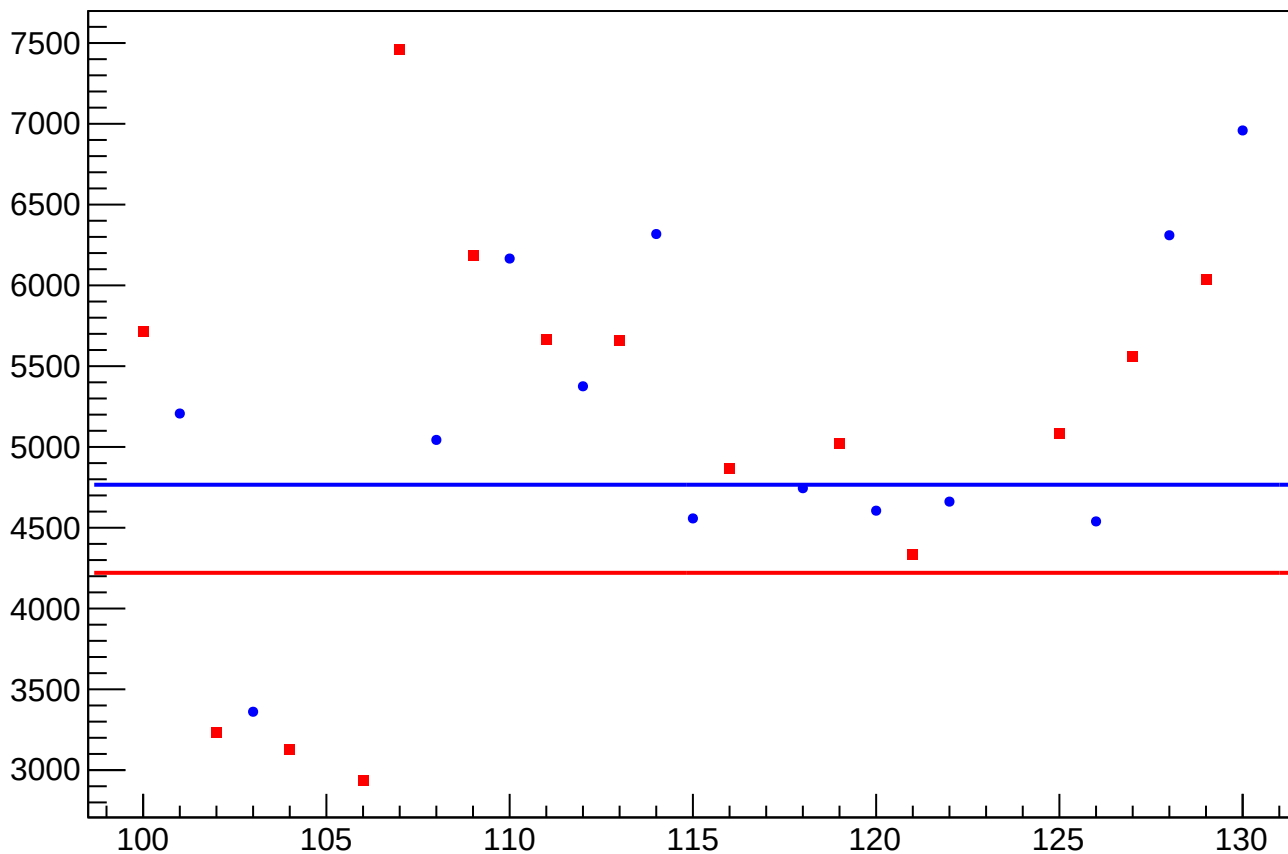
Right: -539.415+/-1376.403 χ^2/NDF : 24.8/26

In: -676.171+/-2081.386 χ^2/NDF :12.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -539.415+/-1376.403 χ^2/NDF : 24.8/26

asym_us_avg_atlr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4766.158+/-1.472 χ^2/NDF : 453891.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4220.989+/-1.297 χ^2/NDF : 882278.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

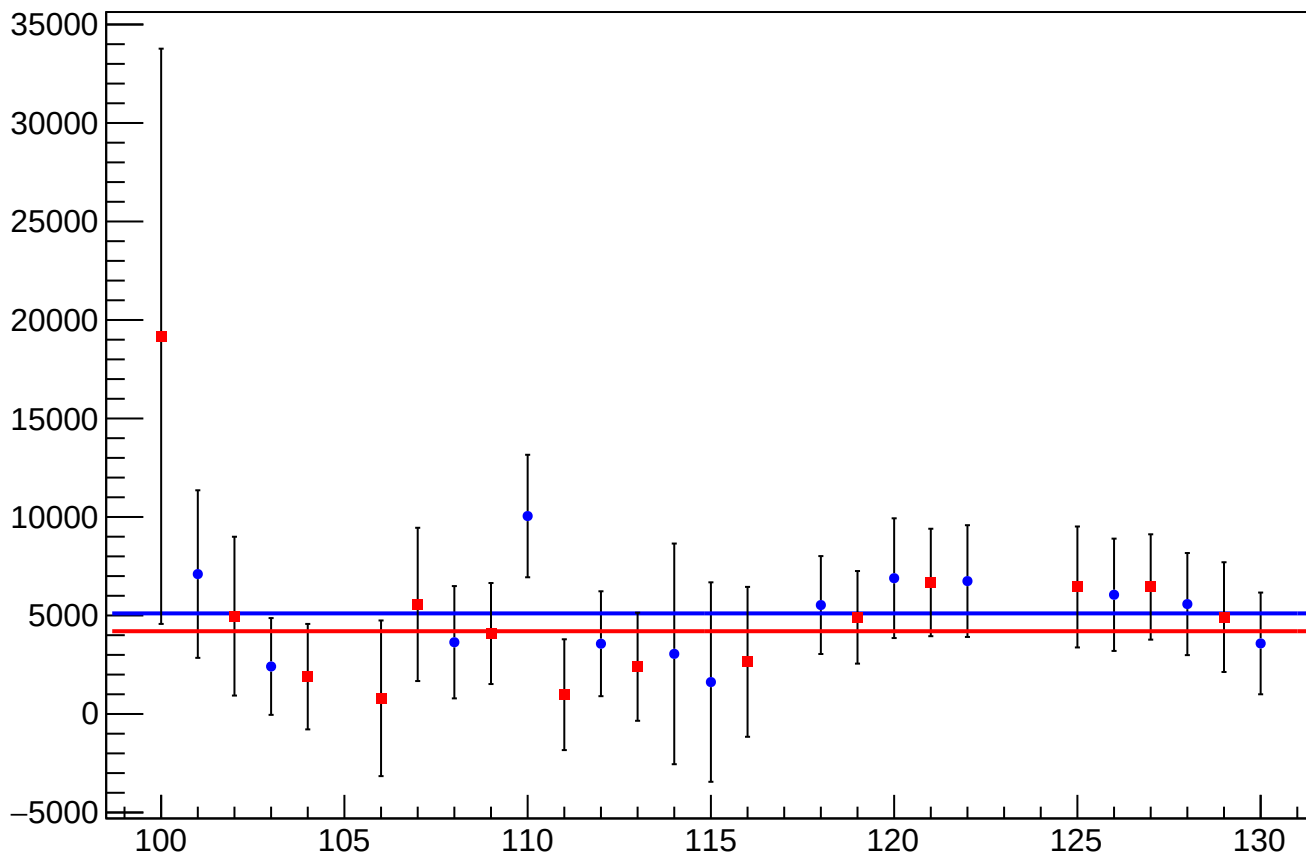
Right: 4459.395+/-0.973 χ^2/NDF : 1413377.4/26

In: 4766.158+/-1.472 χ^2/NDF : 453891.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4459.395+/-0.973 χ^2/NDF : 1413377.4/26

eigen_dit_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5106.365+/-823.115 χ^2/NDF : 6.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4201.506+/-814.638 χ^2/NDF : 6.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

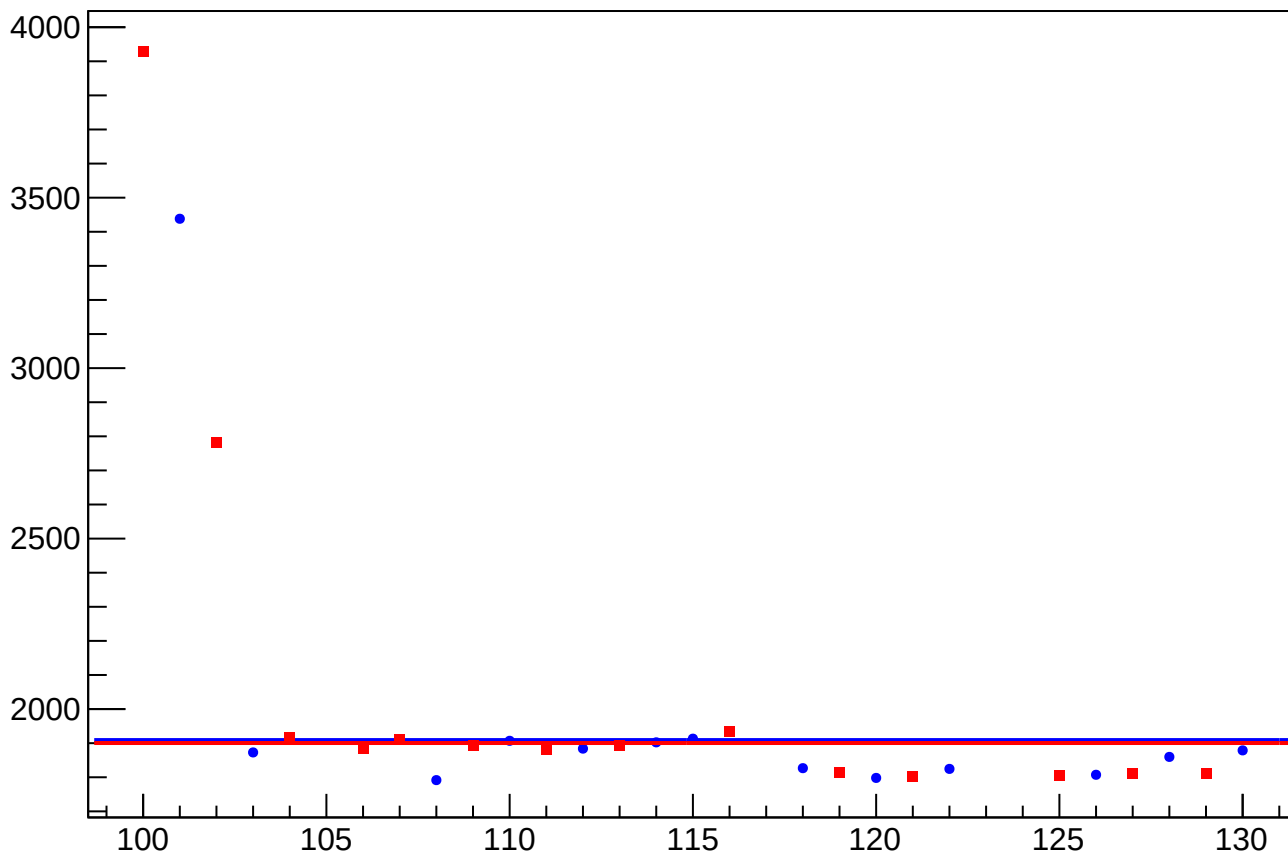
Right: 4649.252+/-579.010 χ^2/NDF : 13.8/26

In: 5106.365+/-823.115 χ^2/NDF : 6.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4649.252+/-579.010 χ^2/NDF : 13.8/26

eigen_dit_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1909.072+/-0.582 χ^2/NDF : 272686.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1900.456+/-0.575 χ^2/NDF : 146107.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

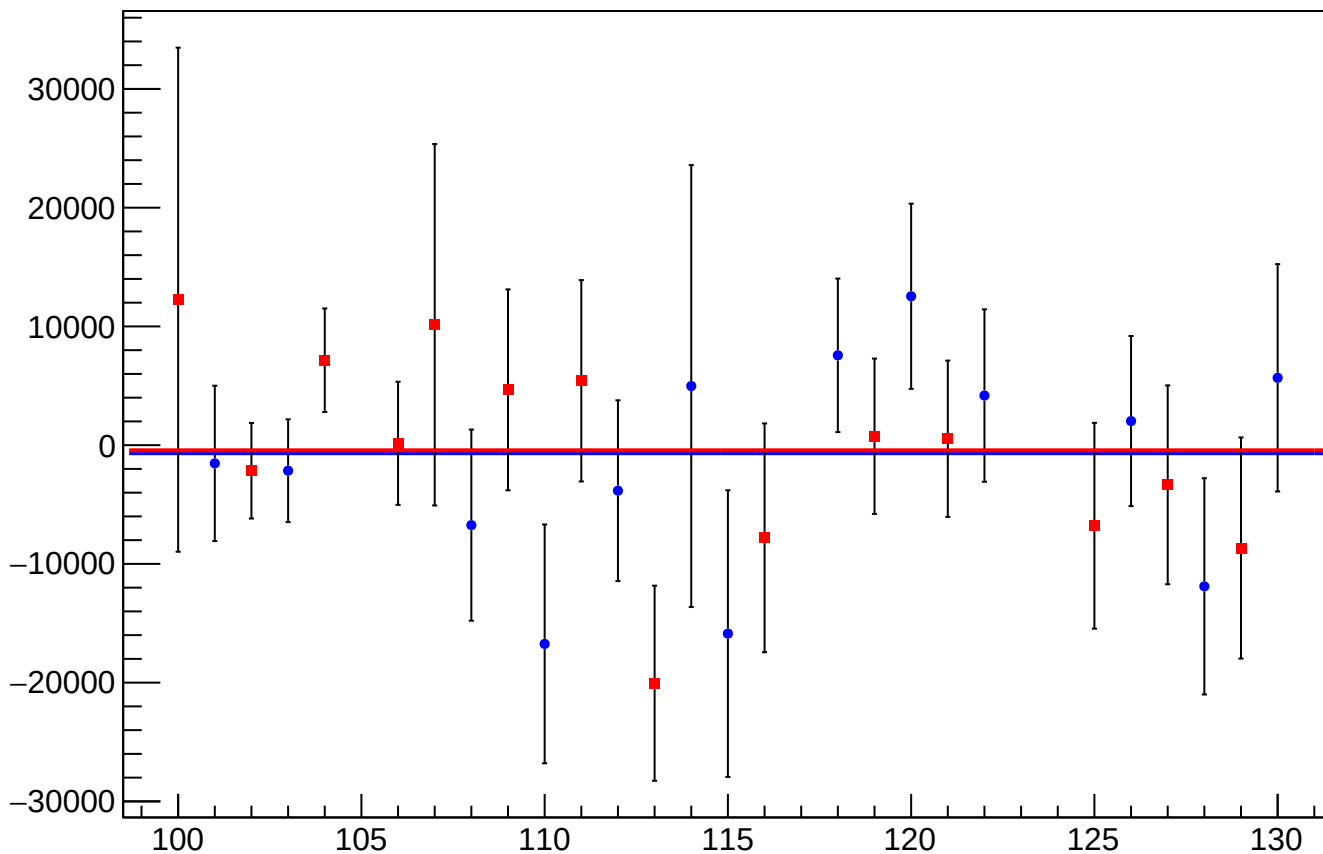
Right: 1904.713+/-0.409 χ^2/NDF : 418904.4/26

In: 1909.072+/-0.582 χ^2/NDF : 272686.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1904.713+/-0.409 χ^2/NDF : 418904.4/26

asym_us_avg_atlr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -676.164+/-2081.379 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -433.130+/-1834.882 χ^2/NDF : 12.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

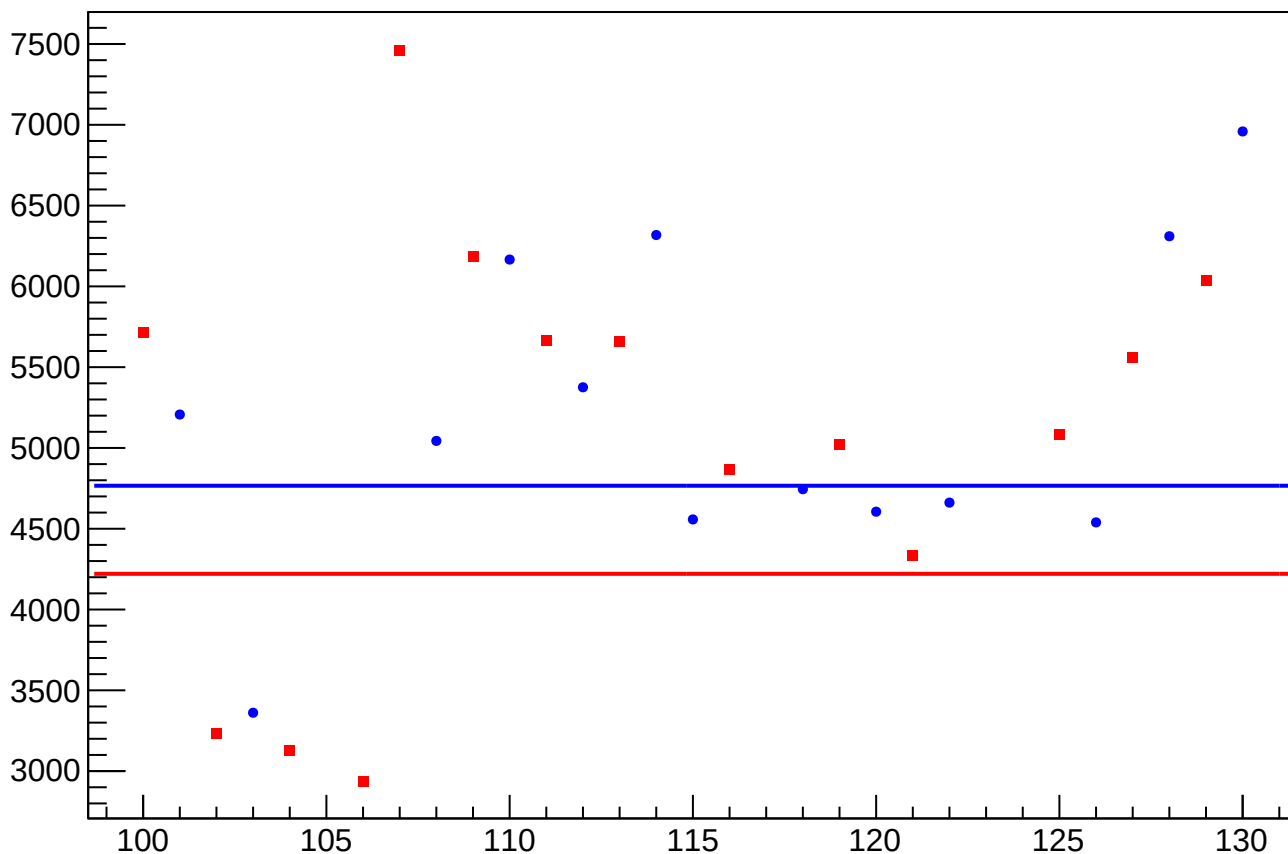
Right: -539.410+/-1376.398 χ^2/NDF : 24.8/26

In: -676.164+/-2081.379 χ^2/NDF : 12.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -539.410+/-1376.398 χ^2/NDF : 24.8/26

asym_us_avg_atlr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4766.143+/-1.472 χ^2/NDF : 453890.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4220.978+/-1.297 χ^2/NDF : 882276.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

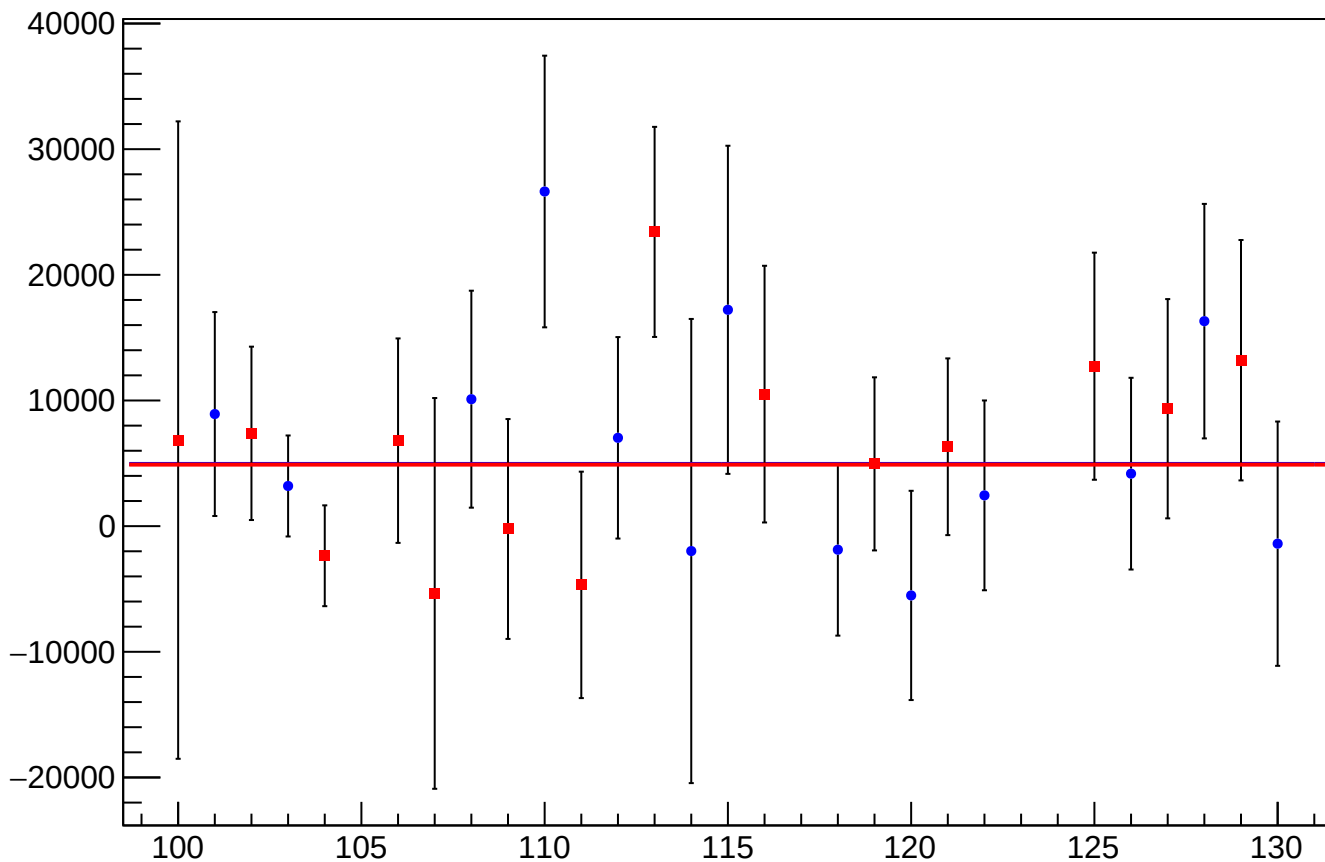
Right: 4459.382+/-0.973 χ^2/NDF : 1413373.3/26

In: 4766.143+/-1.472 χ^2/NDF : 453890.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4459.382+/-0.973 χ^2/NDF : 1413373.3/26

asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4949.059+/-2151.556 χ^2/NDF : 10.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4897.651+/-2081.418 χ^2/NDF : 12.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

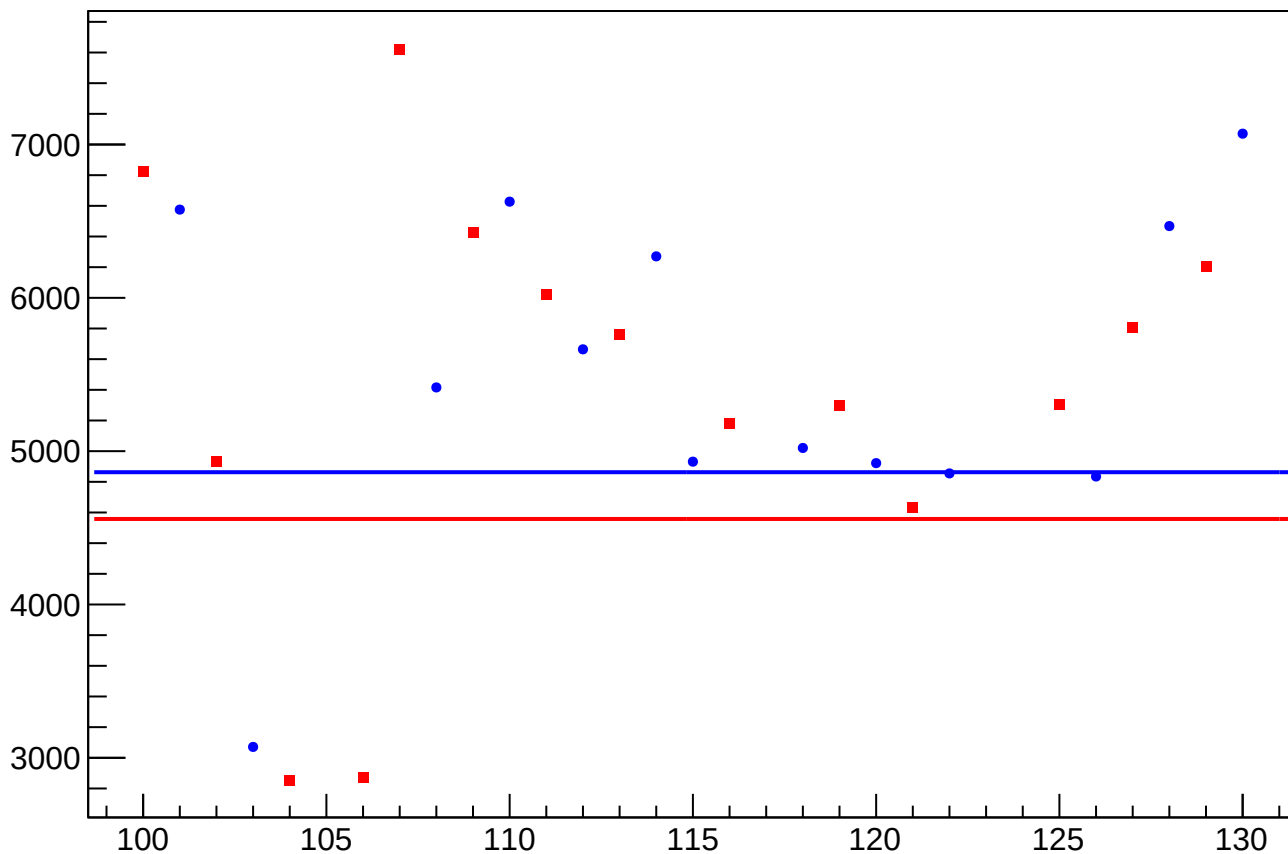
Right: 4922.503+/-1495.966 χ^2/NDF : 22.9/26

In: 4949.059+/-2151.556 χ^2/NDF : 10.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4922.503+/-1495.966 χ^2/NDF : 22.9/26

asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 4862.777+/-1.521 χ^2/NDF : 743326.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4557.729+/-1.437 χ^2/NDF : 940324.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

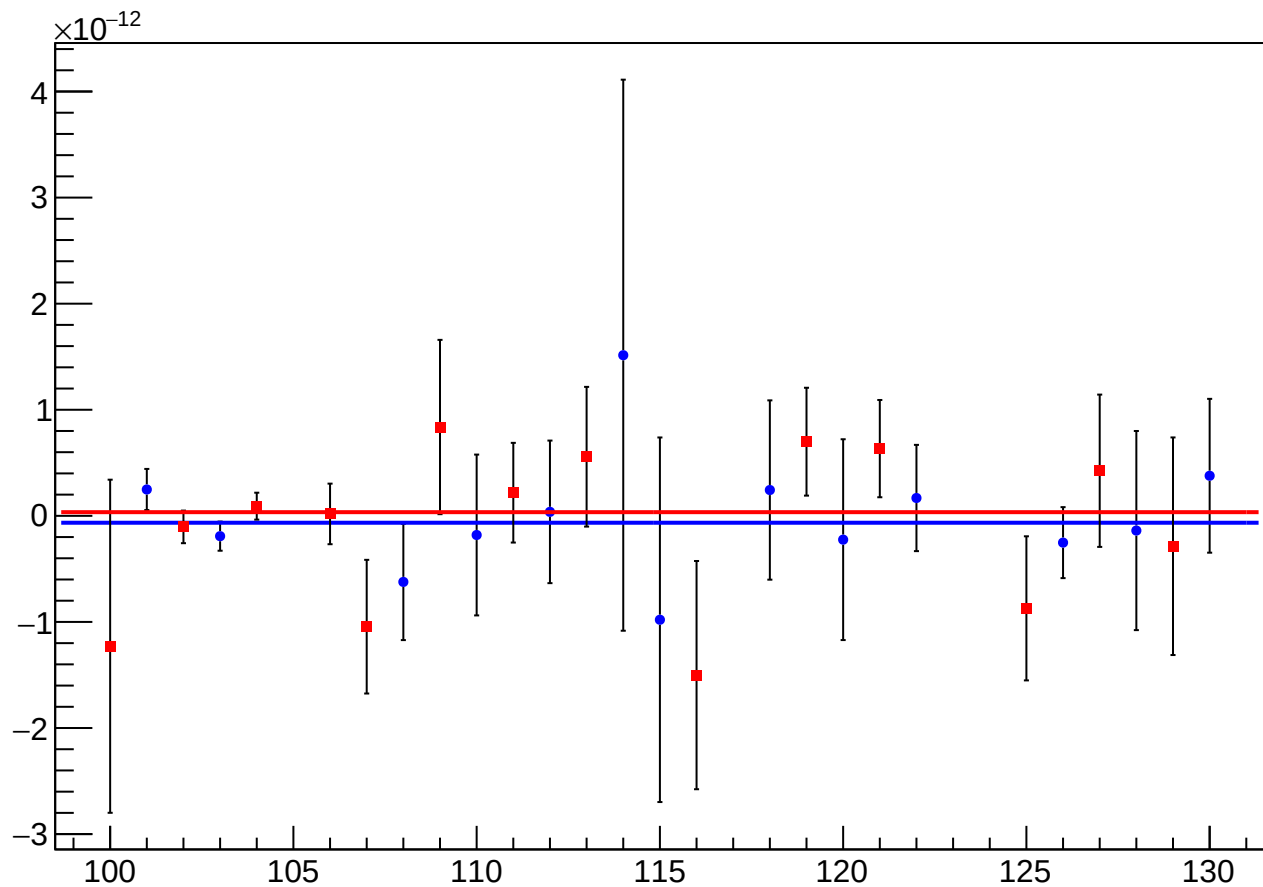
Right: 4701.578+/-1.045 χ^2/NDF : 1704897.1/26

In: 4862.777+/-1.521 χ^2/NDF : 743326.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4701.578+/-1.045 χ^2/NDF : 1704897.1/26

asym_us_atlr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

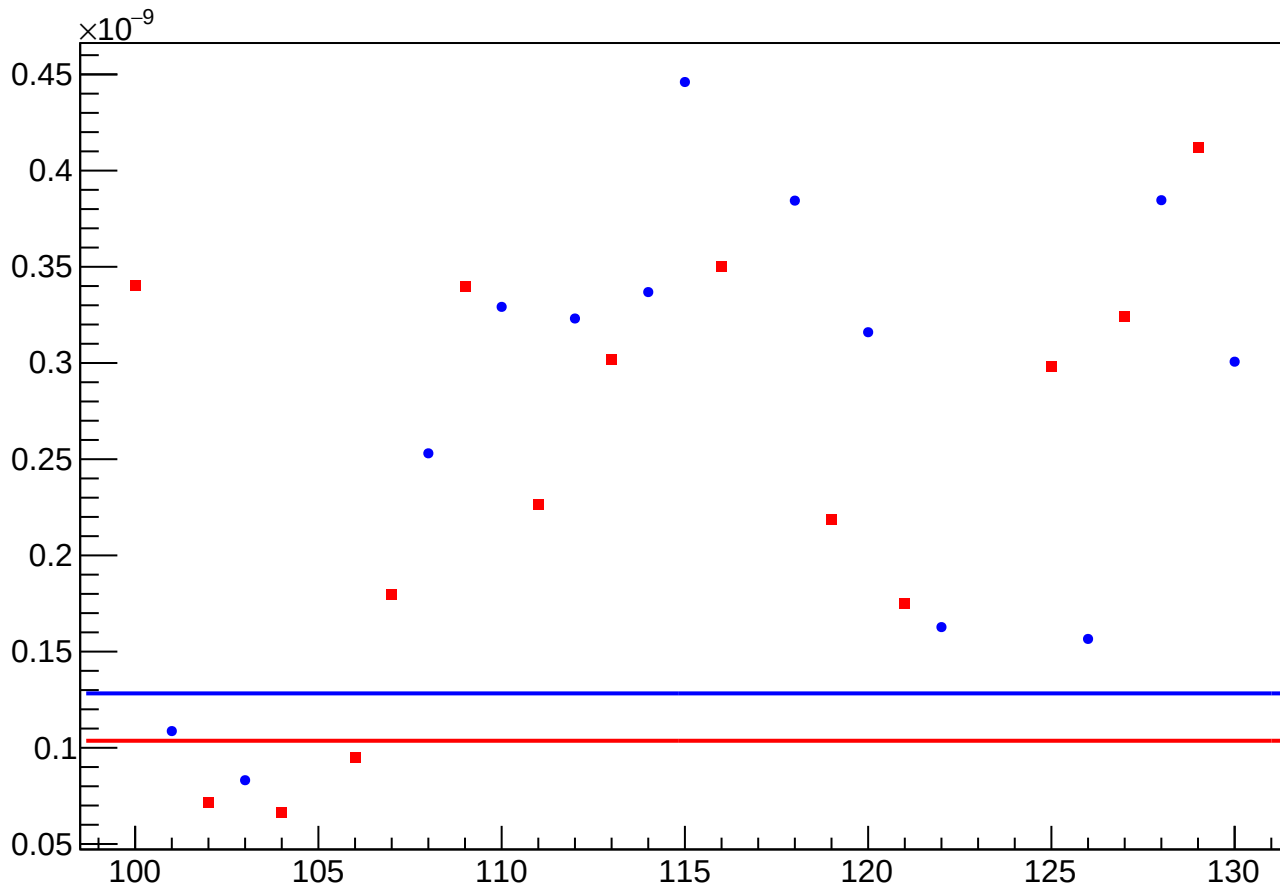
Right: -0.000+/-0.000 χ^2/NDF : 20.8/26

In: -0.000+/-0.000 χ^2/NDF : 6.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.8/26

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1278173.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1610656.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

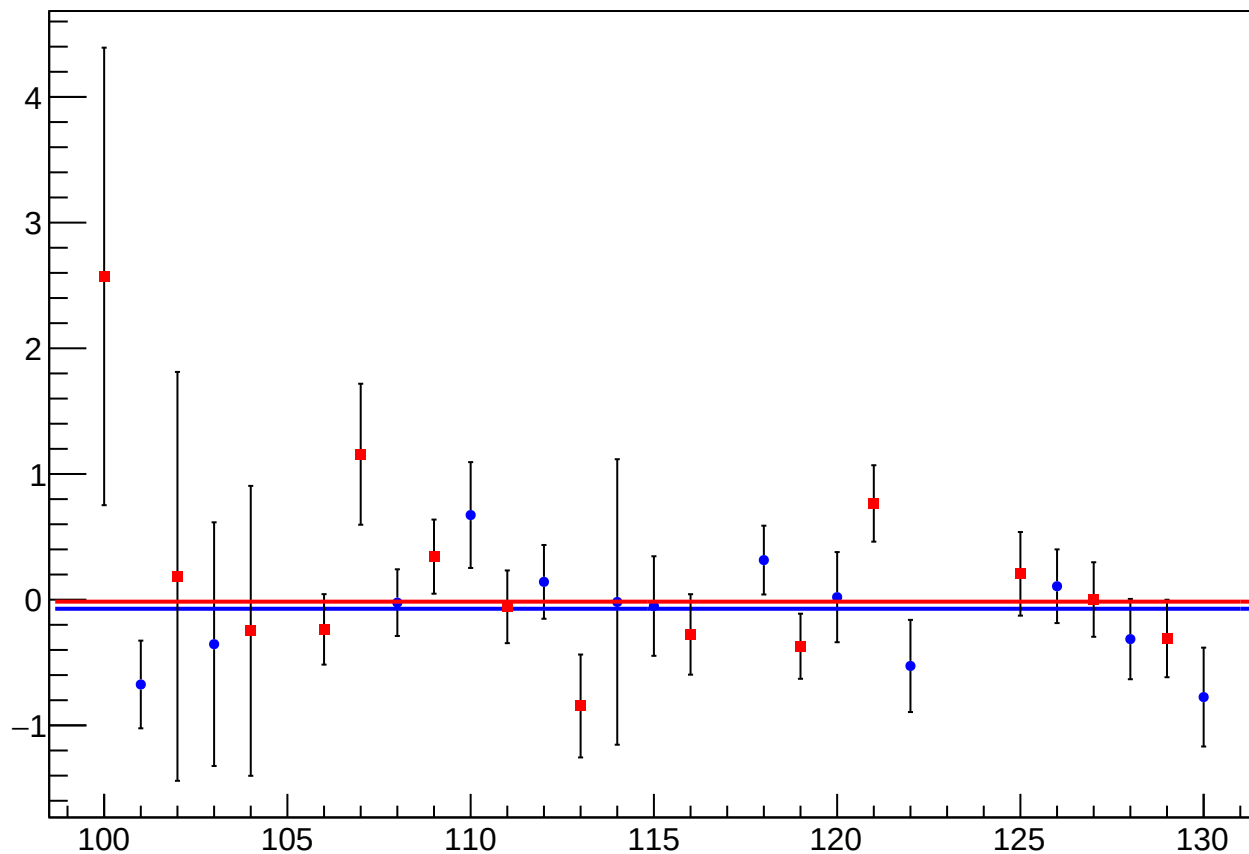
Right: 0.000+/-0.000 χ^2/NDF : 2962459.0/26

In: 0.000+/-0.000 χ^2/NDF : 1278173.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2962459.0/26

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.072 ± 0.098 χ^2/NDF : 14.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.016 ± 0.094 χ^2/NDF : 23.2/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

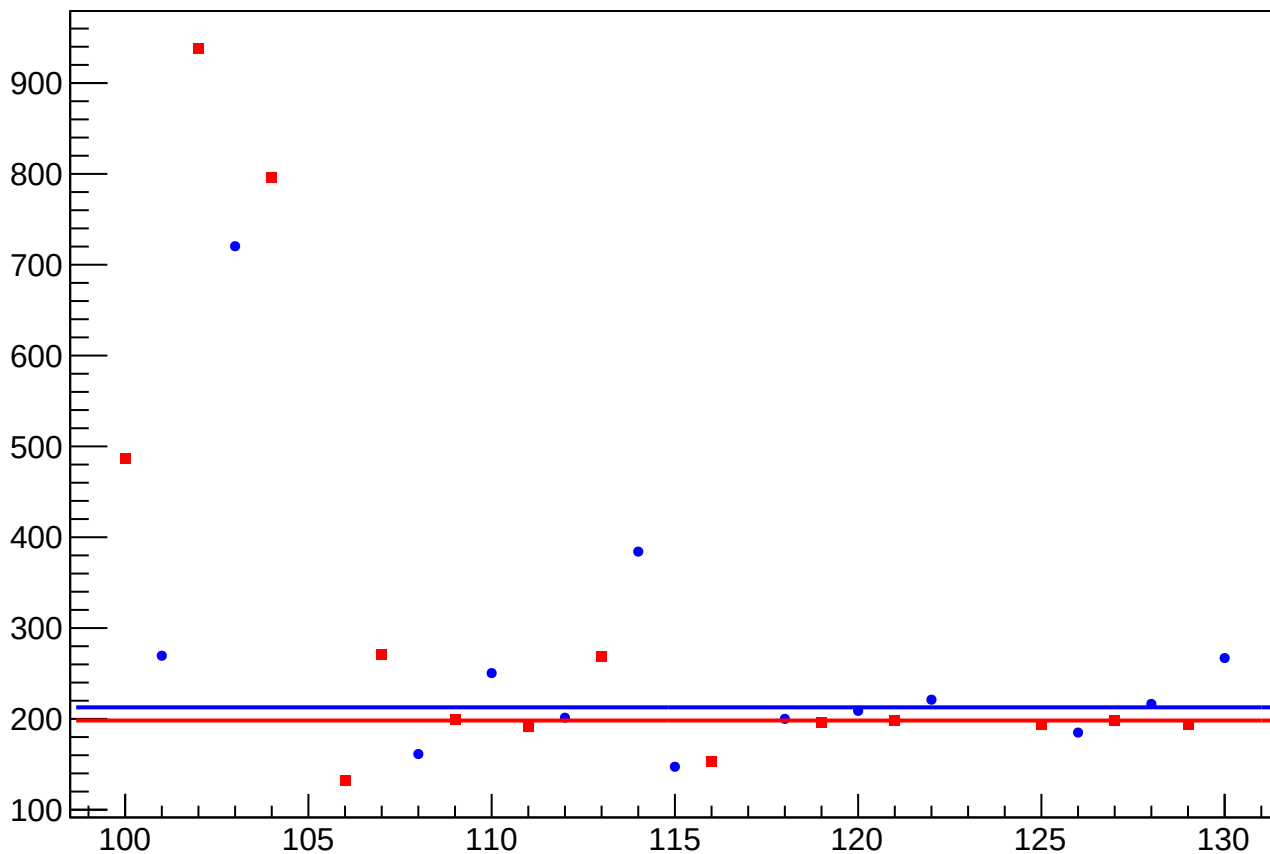
Right: -0.043 ± 0.068 χ^2/NDF : 37.9/26

In: -0.072 ± 0.098 χ^2/NDF : 14.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.043 ± 0.068 χ^2/NDF : 37.9/26

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 212.726+/-0.069 χ^2/NDF : 857834.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 198.219+/-0.066 χ^2/NDF : 1246789.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

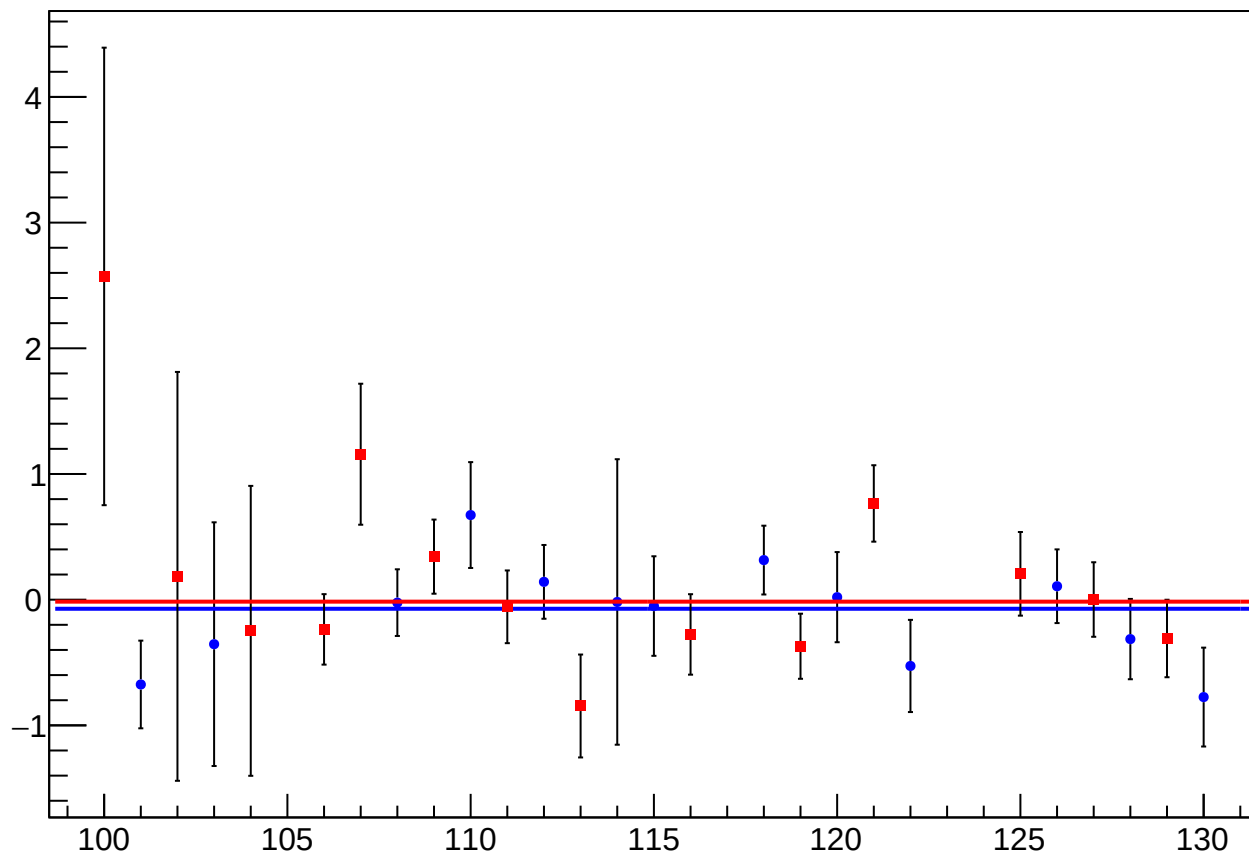
Right: 205.179+/-0.048 χ^2/NDF : 2127474.4/26

In: 212.726+/-0.069 χ^2/NDF : 857834.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 205.179+/-0.048 χ^2/NDF : 2127474.4/26

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.072 ± 0.098 $\chi^2/\text{NDF}: 14.5/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.016 ± 0.094 $\chi^2/\text{NDF}: 23.2/13$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

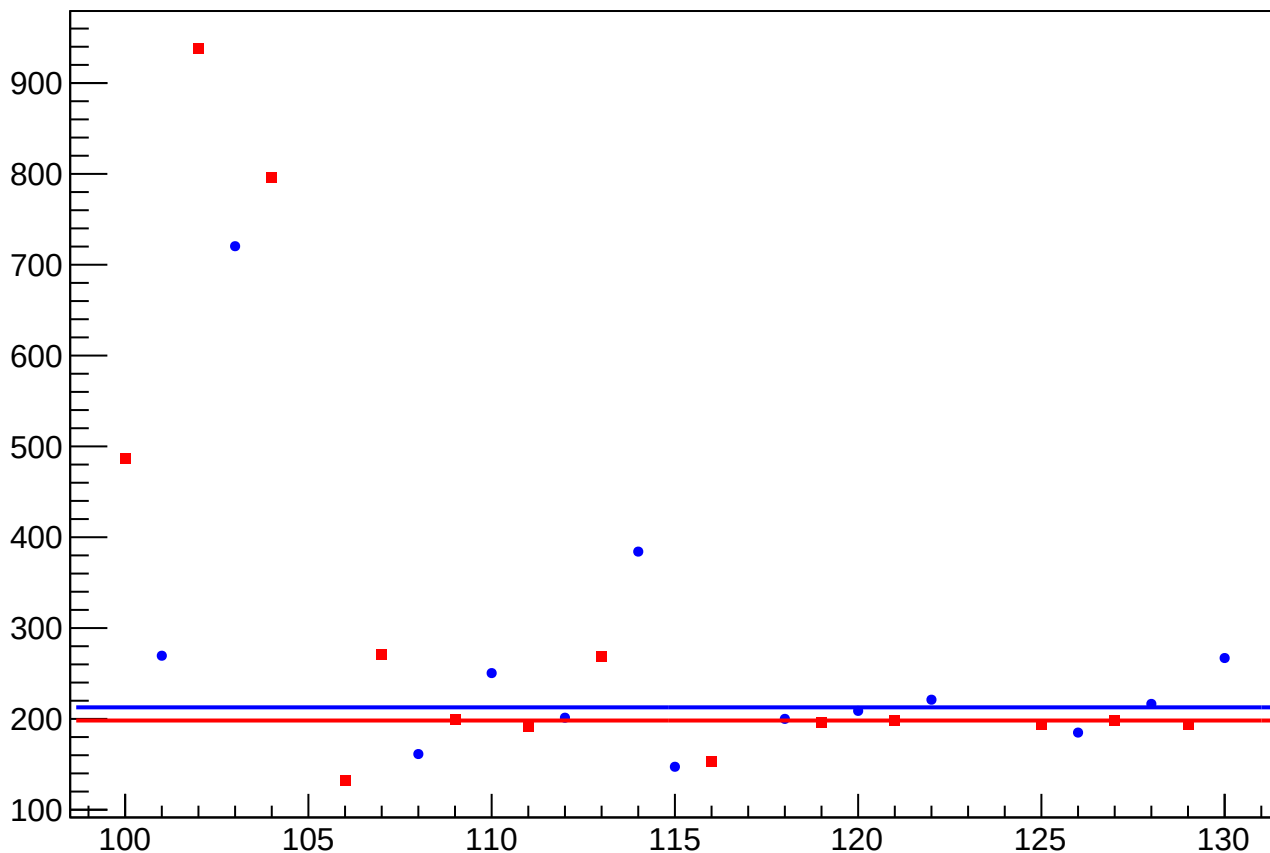
Right: -0.043 ± 0.068 $\chi^2/\text{NDF}: 37.9/26$

In: -0.072 ± 0.098 $\chi^2/\text{NDF}: 14.5/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.043 ± 0.068 $\chi^2/\text{NDF}: 37.9/26$

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 212.726+/-0.069 χ^2/NDF : 857834.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 198.219+/-0.066 χ^2/NDF : 1246789.0/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

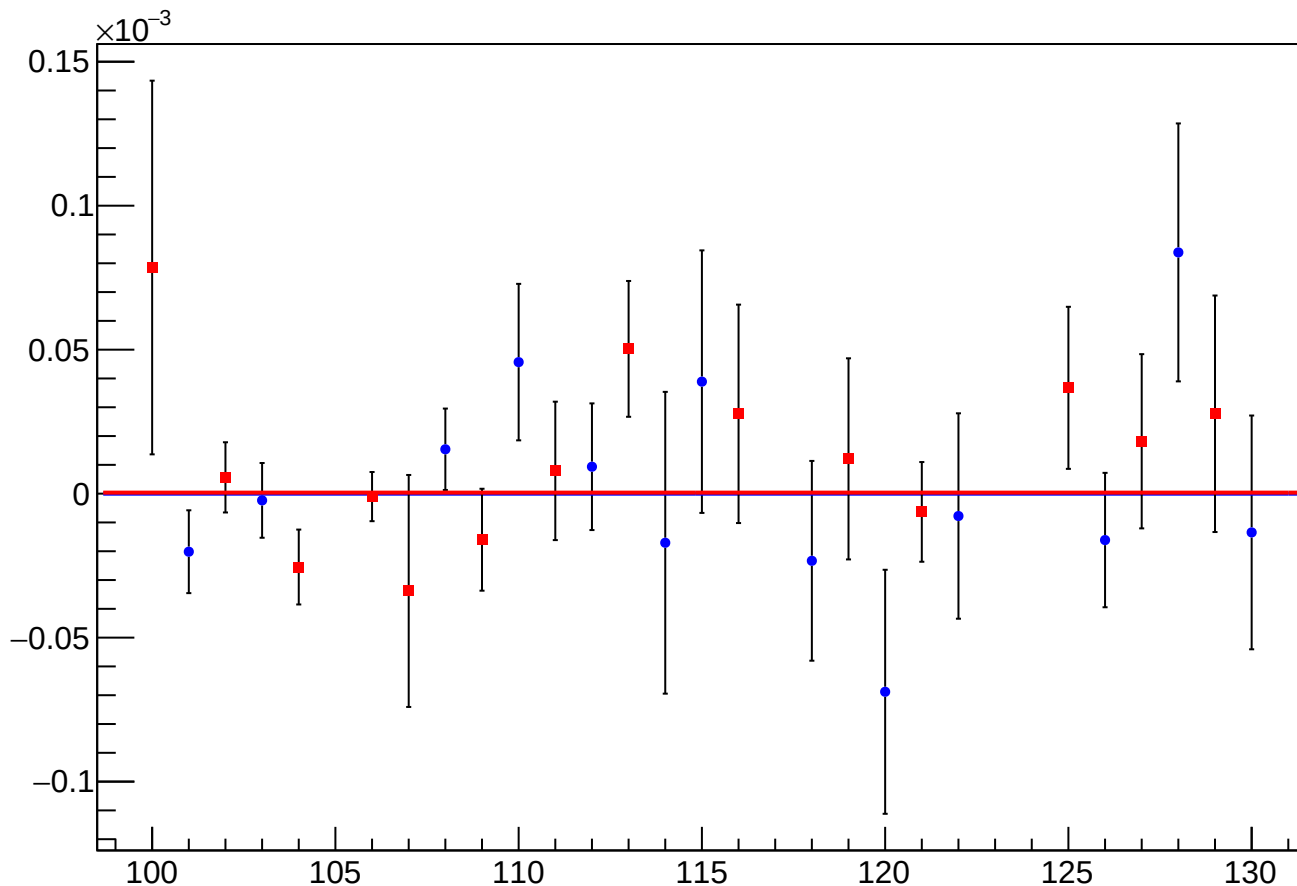
Right: 205.179+/-0.048 χ^2/NDF : 2127474.4/26

In: 212.726+/-0.069 χ^2/NDF :857834.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 205.179+/-0.048 χ^2/NDF : 2127474.4/26

asym_us_avg_atlr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

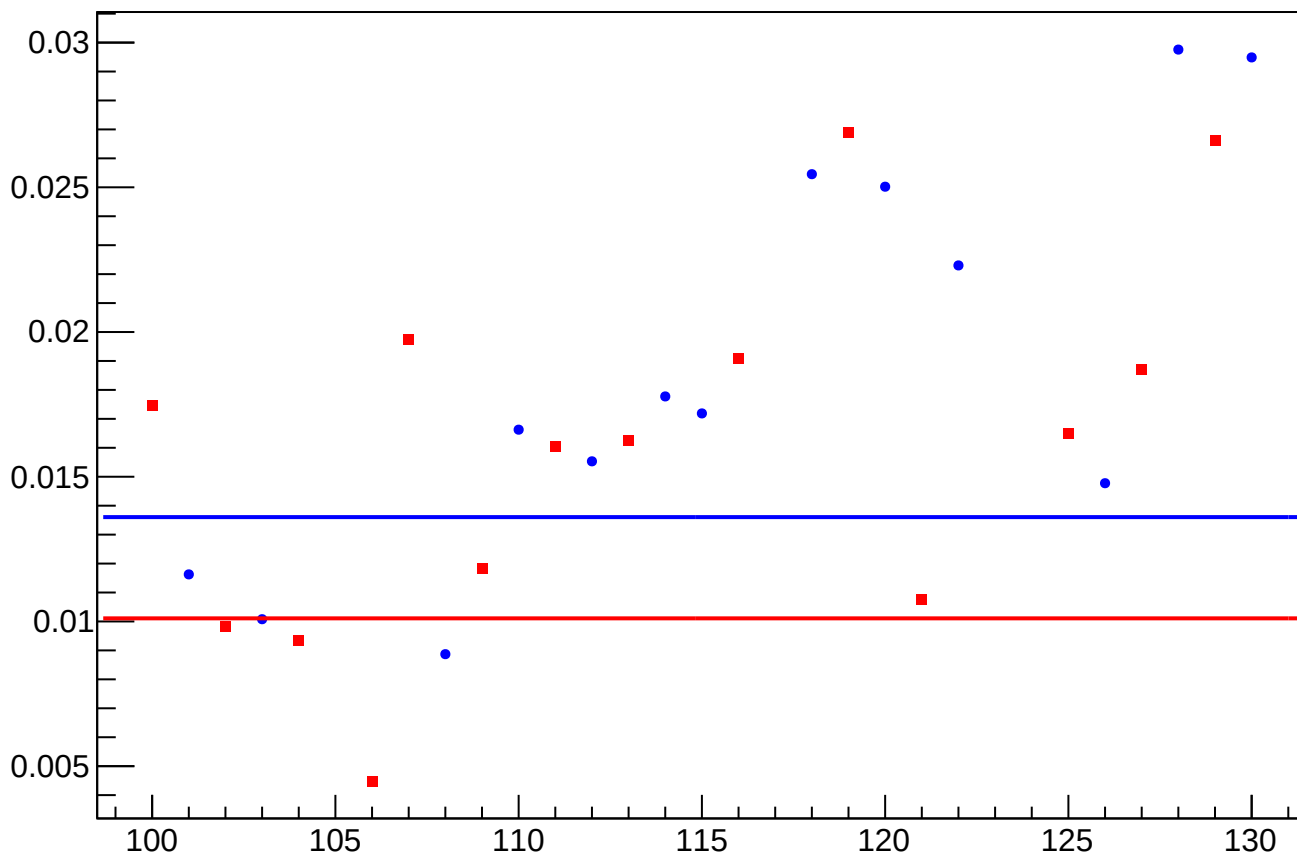
Right: 0.000+/-0.000 χ^2/NDF : 29.3/26

In: -0.000+/-0.000 χ^2/NDF : 14.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.3/26

asym_us_avg_atlr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1543897.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 2464189.9/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

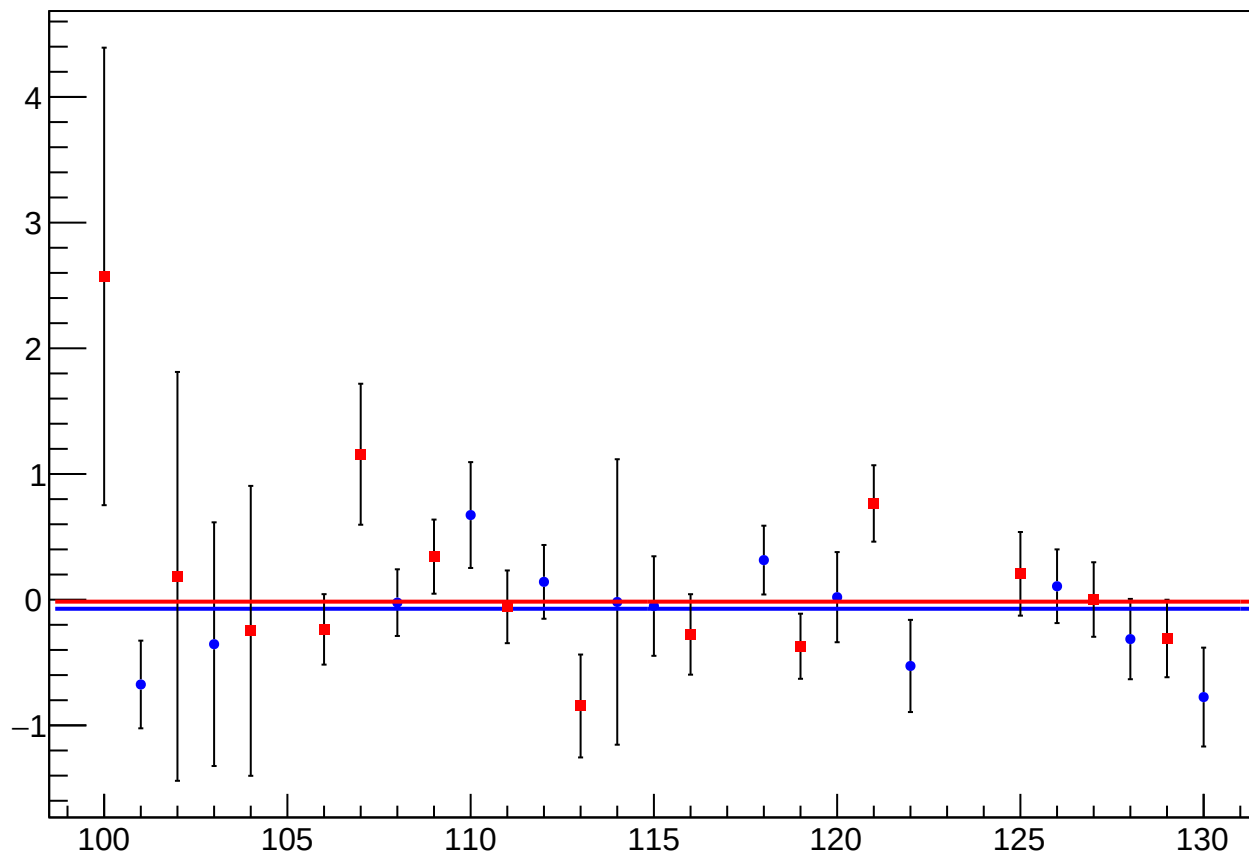
Right: 0.011+/-0.000 χ^2/NDF : 4392231.6/26

In: 0.014+/-0.000 χ^2/NDF :1543897.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 4392231.6/26

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.072 ± 0.098 χ^2/NDF : 14.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.016 ± 0.094 χ^2/NDF : 23.2/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

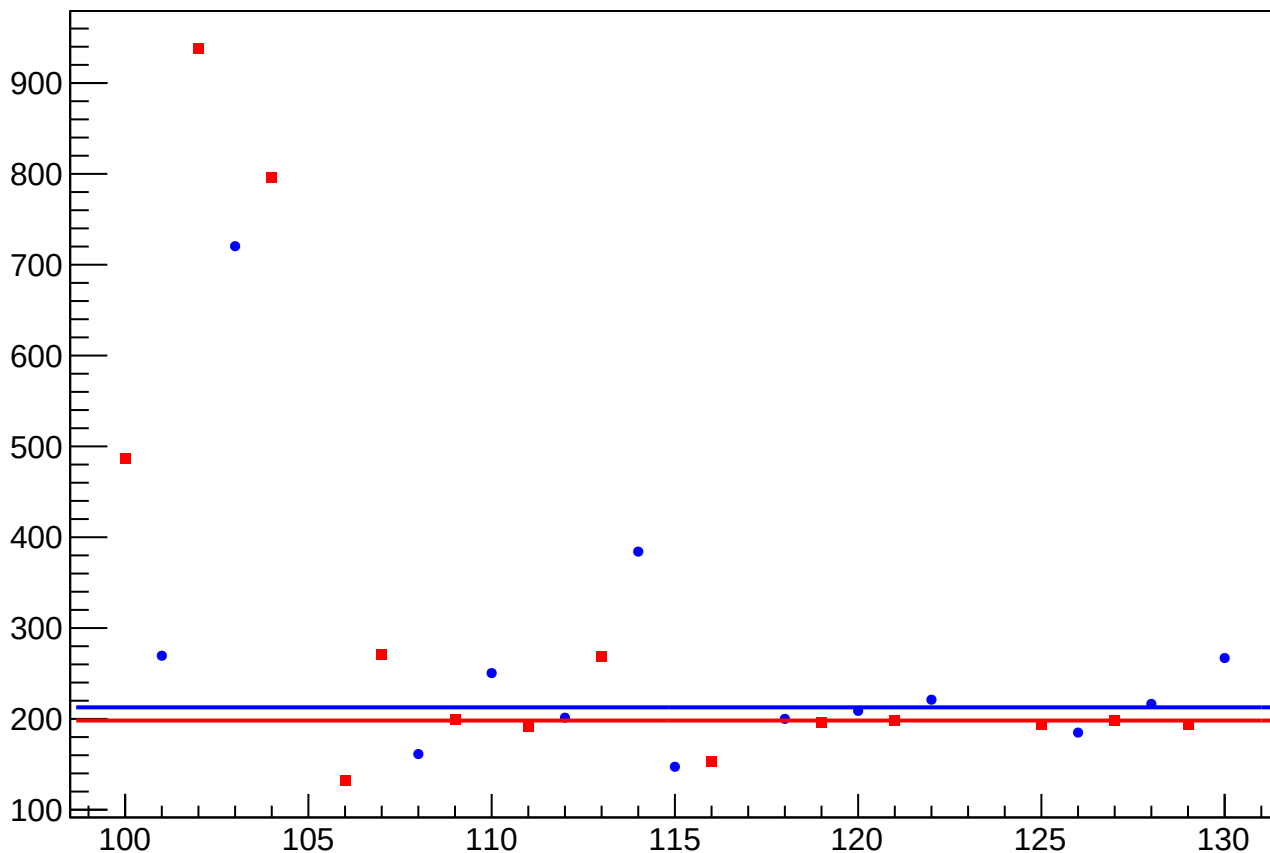
Right: -0.043 ± 0.068 χ^2/NDF : 37.9/26

In: -0.072 ± 0.098 χ^2/NDF : 14.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.043 ± 0.068 χ^2/NDF : 37.9/26

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 212.724+/-0.069 χ^2/NDF : 857802.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 198.216+/-0.066 χ^2/NDF : 1246776.9/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

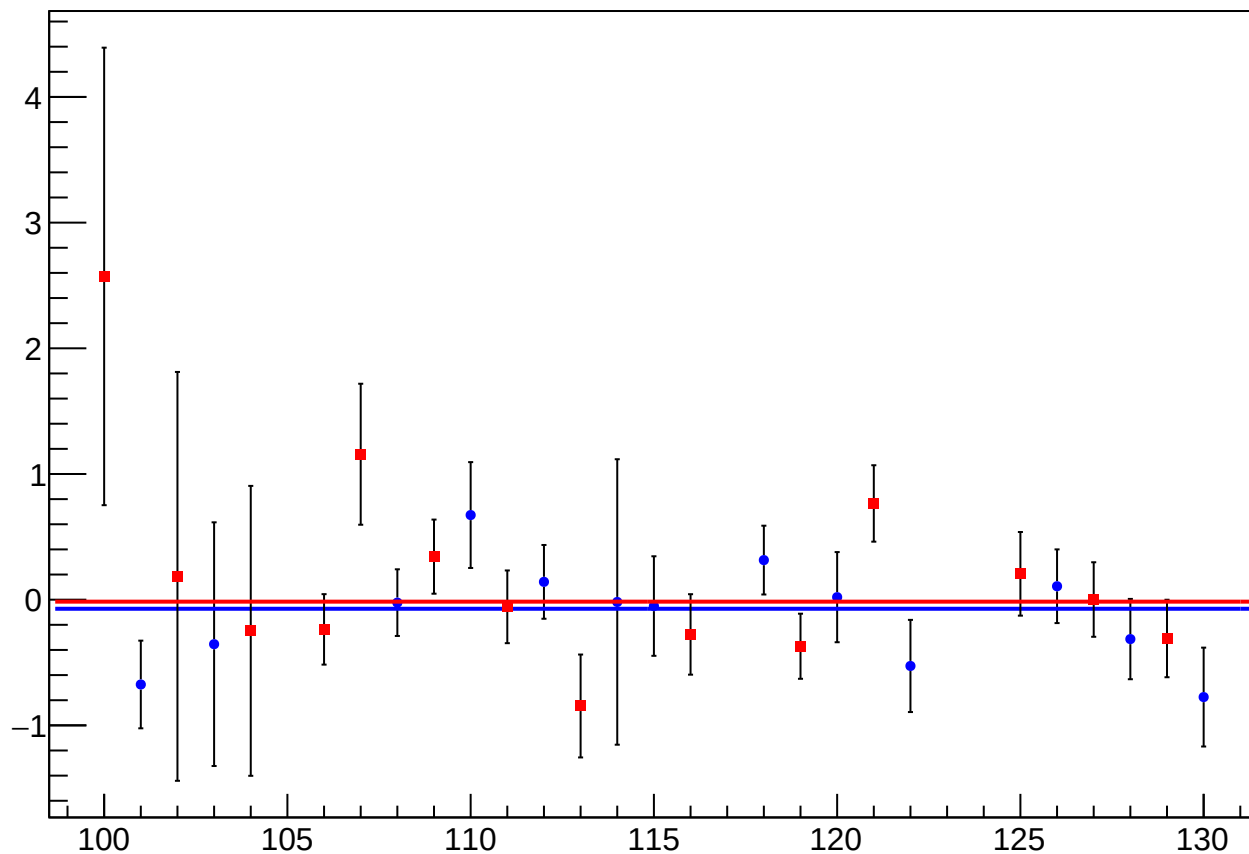
Right: 205.176+/-0.048 χ^2/NDF : 2127432.4/26

In: 212.724+/-0.069 χ^2/NDF :857802.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 205.176+/-0.048 χ^2/NDF : 2127432.4/26

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.072 ± 0.098 χ^2/NDF : 14.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.016 ± 0.094 χ^2/NDF : 23.2/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

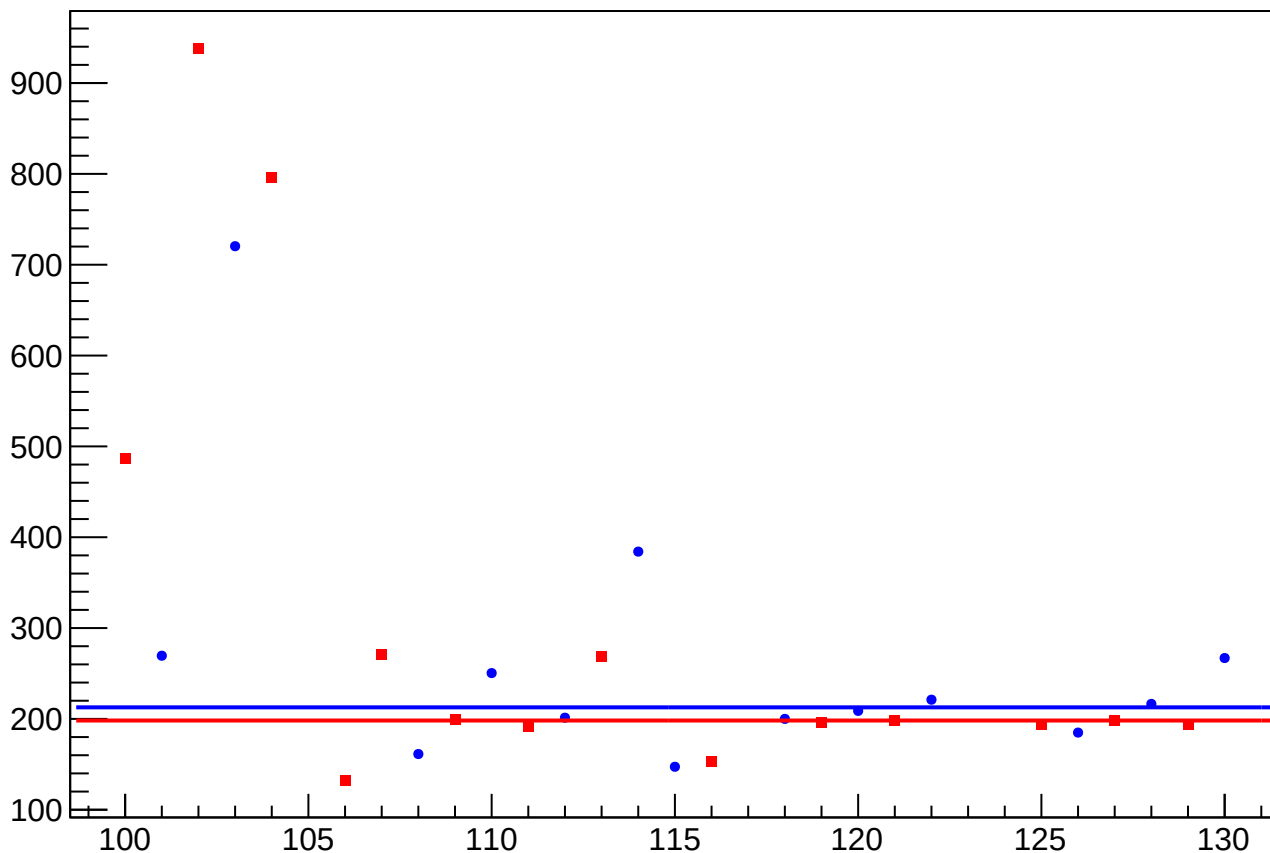
Right: -0.043 ± 0.068 χ^2/NDF : 37.9/26

In: -0.072 ± 0.098 χ^2/NDF : 14.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.043 ± 0.068 χ^2/NDF : 37.9/26

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 212.724+/-0.069 χ^2/NDF : 857802.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 198.216+/-0.066 χ^2/NDF : 1246776.9/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

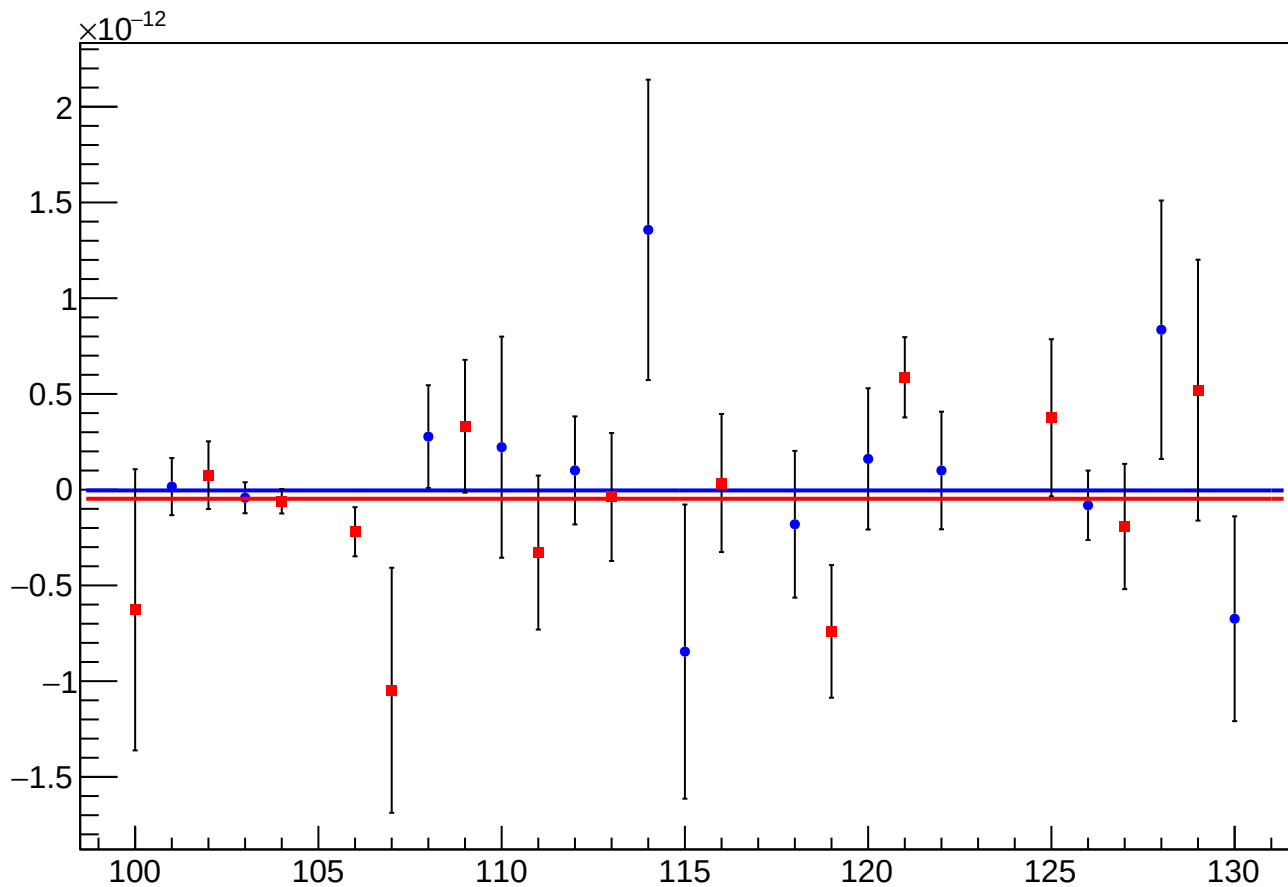
Right: 205.176+/-0.048 χ^2/NDF : 2127432.4/26

In: 212.724+/-0.069 χ^2/NDF :857802.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 205.176+/-0.048 χ^2/NDF : 2127432.4/26

asym_us_avg_atlr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 22.2/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

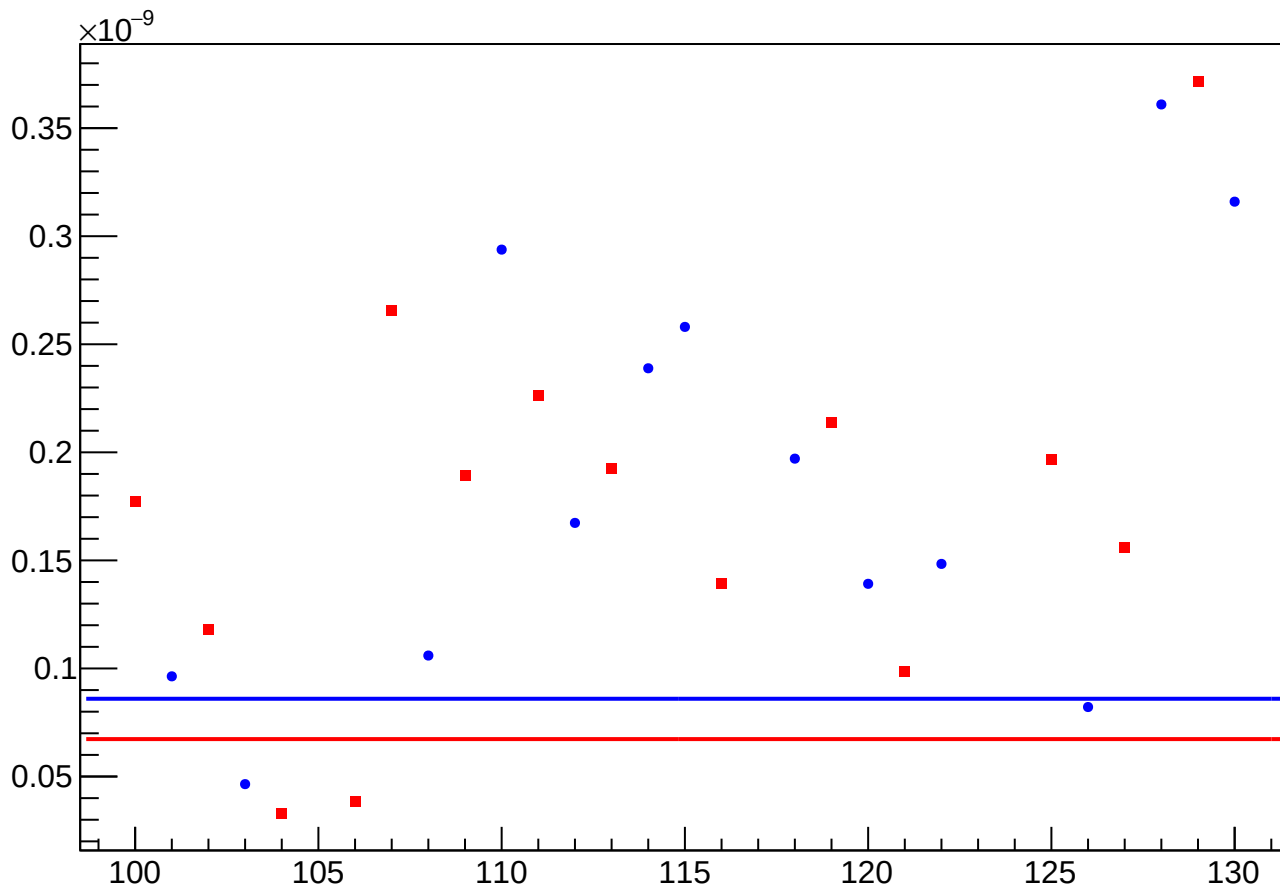
Right: -0.000+/-0.000 χ^2/NDF : 32.2/26

In: -0.000+/-0.000 χ^2/NDF :9.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.2/26

asym_us_avg_atlr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2093576.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3154750.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

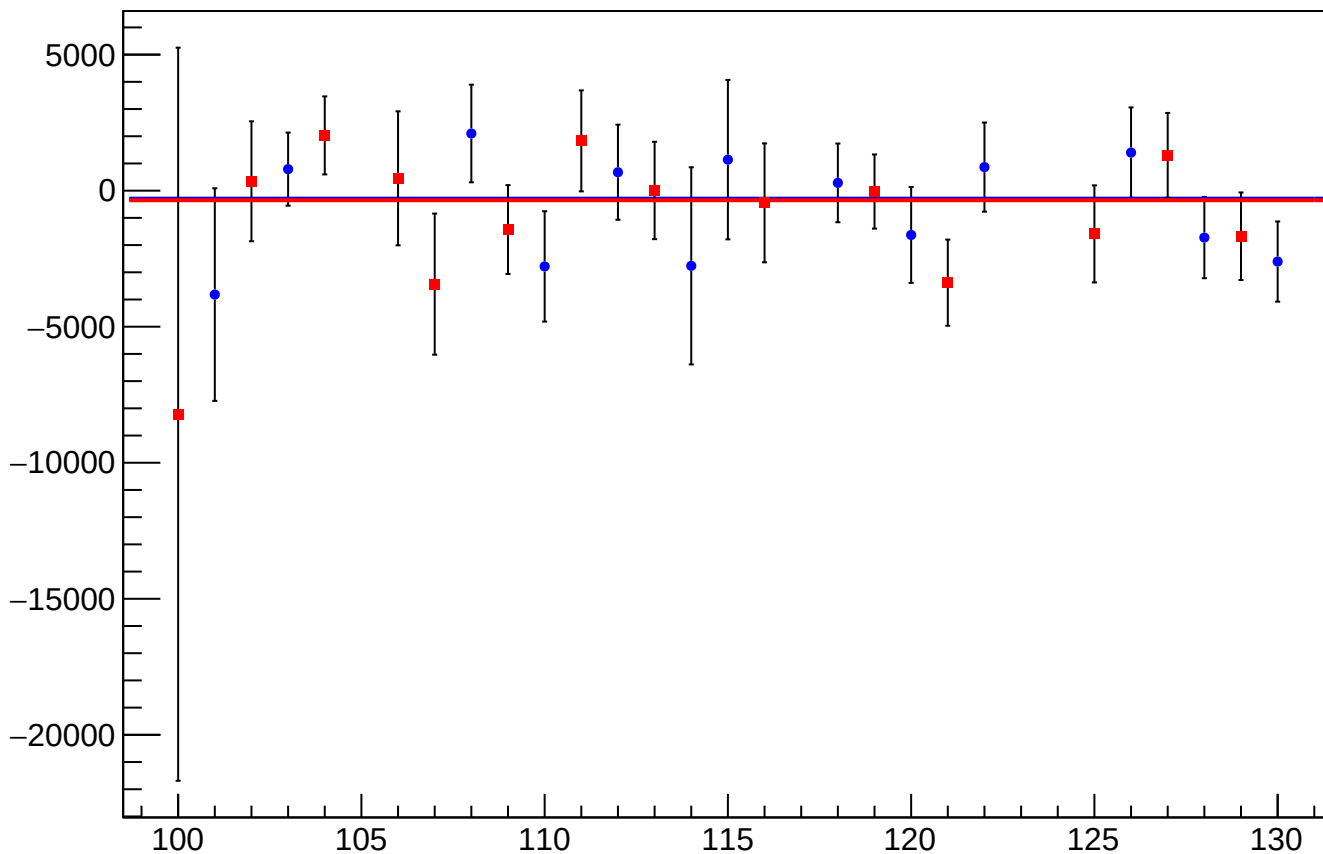
Right: 0.000+/-0.000 χ^2/NDF : 5368240.0/26

In: 0.000+/-0.000 χ^2/NDF : 2093576.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5368240.0/26

reg_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -294.696+/-491.592 χ^2/NDF : 11.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -351.527+/-485.108 χ^2/NDF : 12.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

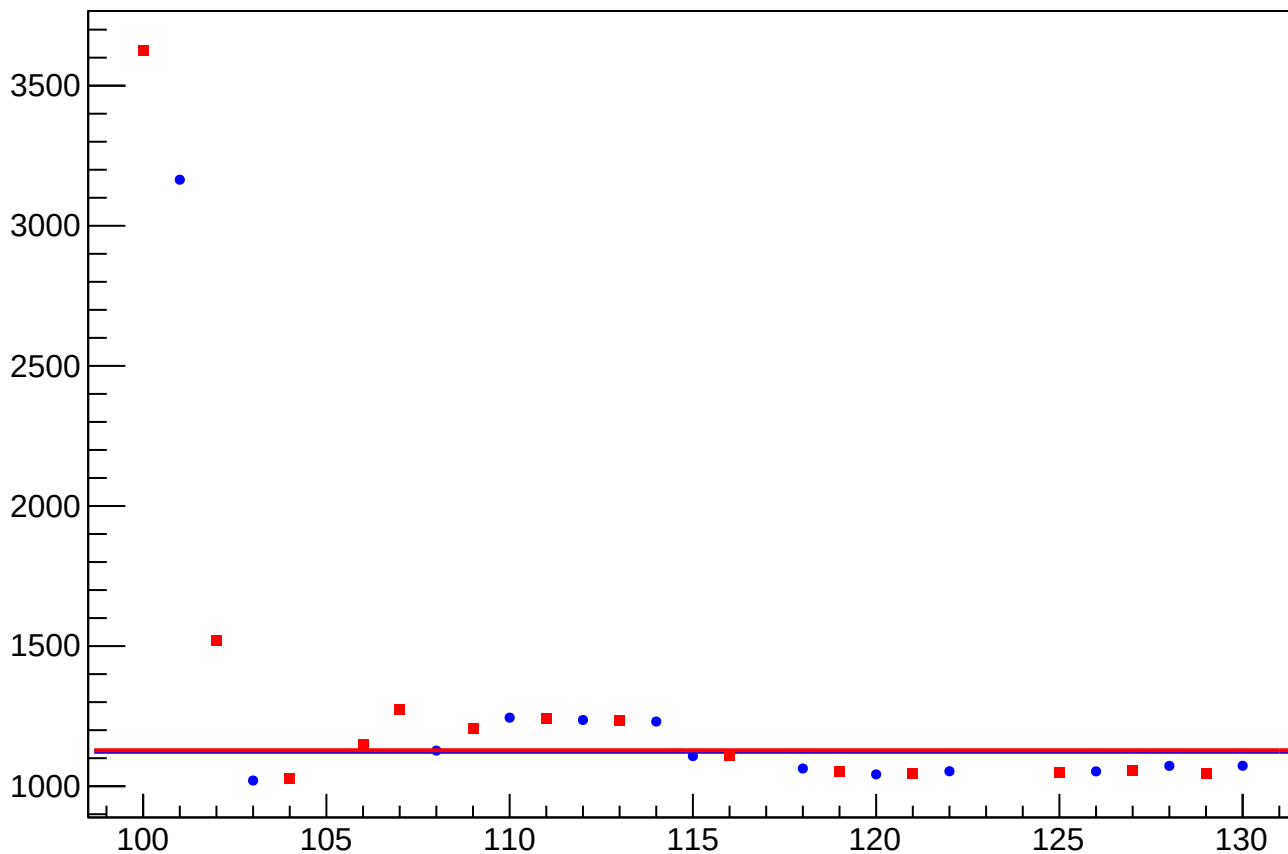
Right: -323.488+/-345.293 χ^2/NDF : 24.0/26

In: -294.696+/-491.592 χ^2/NDF : 11.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -323.488+/-345.293 χ^2/NDF : 24.0/26

reg_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1122.891+/-0.348 χ^2/NDF : 594414.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1128.368+/-0.342 χ^2/NDF : 193129.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

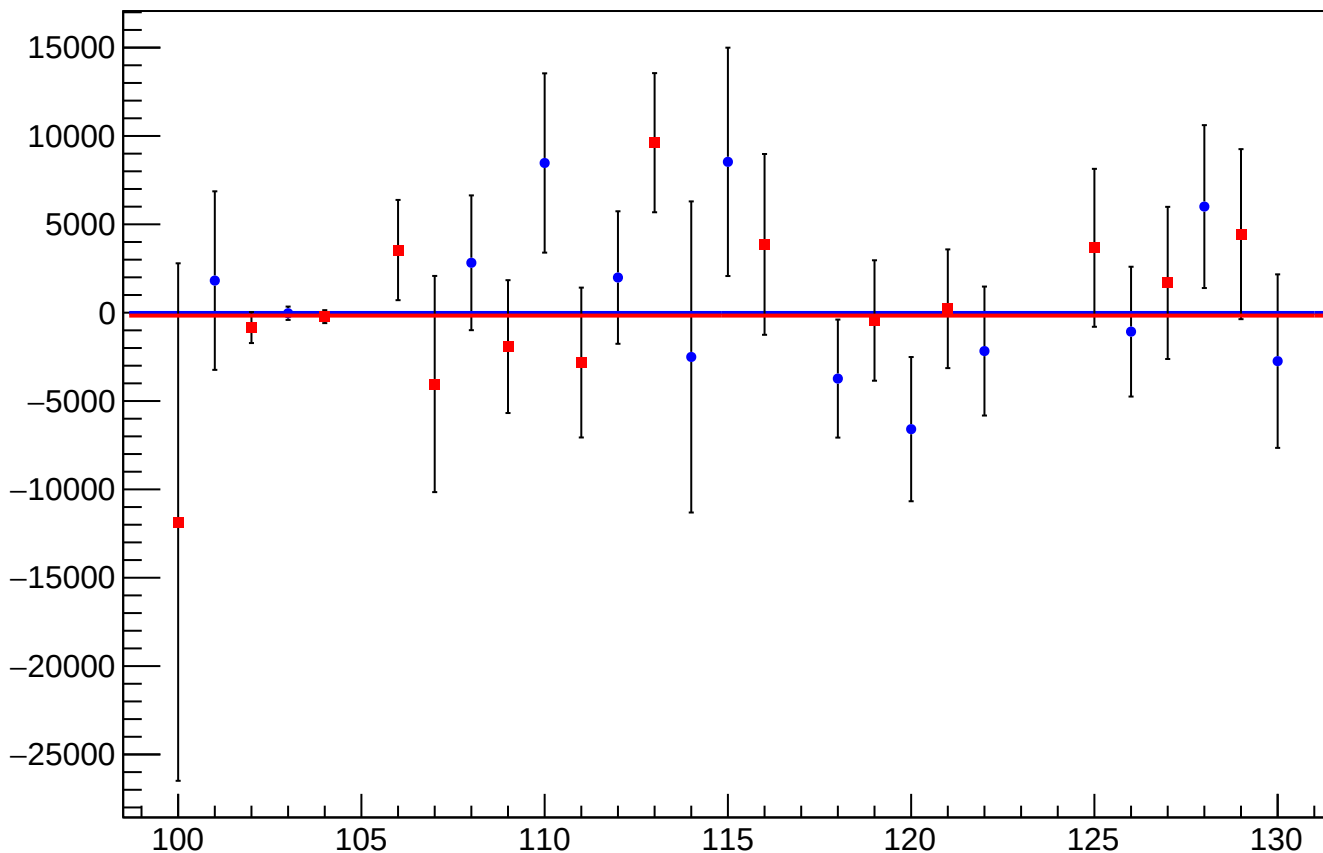
Right: 1125.672+/-0.244 χ^2/NDF : 787670.1/26

In: 1122.891+/-0.348 χ^2/NDF : 594414.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1125.672+/-0.244 χ^2/NDF : 787670.1/26

asym_us_avg_atlr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -16.117+/-361.425 χ^2/NDF : 11.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -165.338+/-325.042 χ^2/NDF : 12.6/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

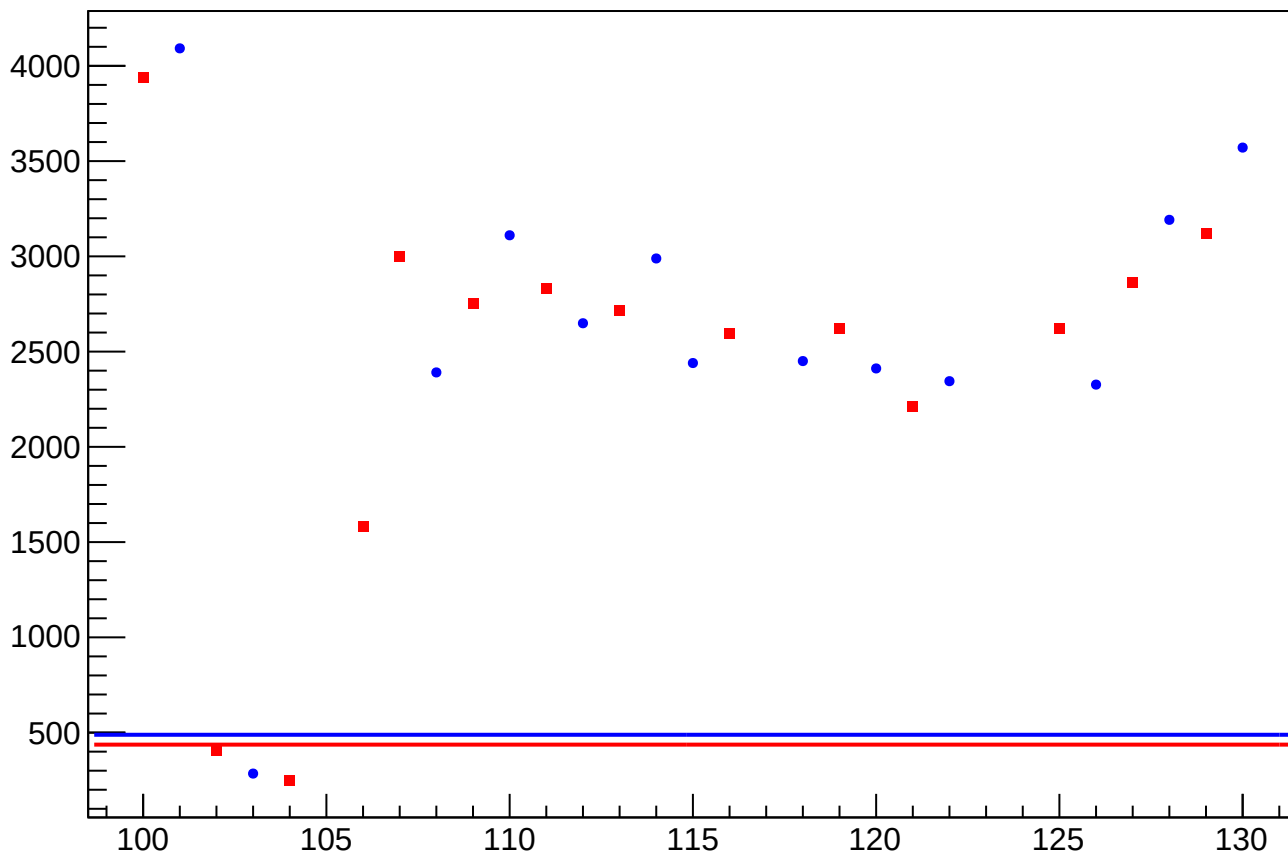
Right: -98.614+/-241.682 χ^2/NDF : 24.6/26

In: -16.117+/-361.425 χ^2/NDF :11.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -98.614+/-241.682 χ^2/NDF : 24.6/26

asym_us_avg_atlr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 488.597+/-0.256 χ^2/NDF : 7267252.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 436.846+/-0.230 χ^2/NDF : 6863209.0/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

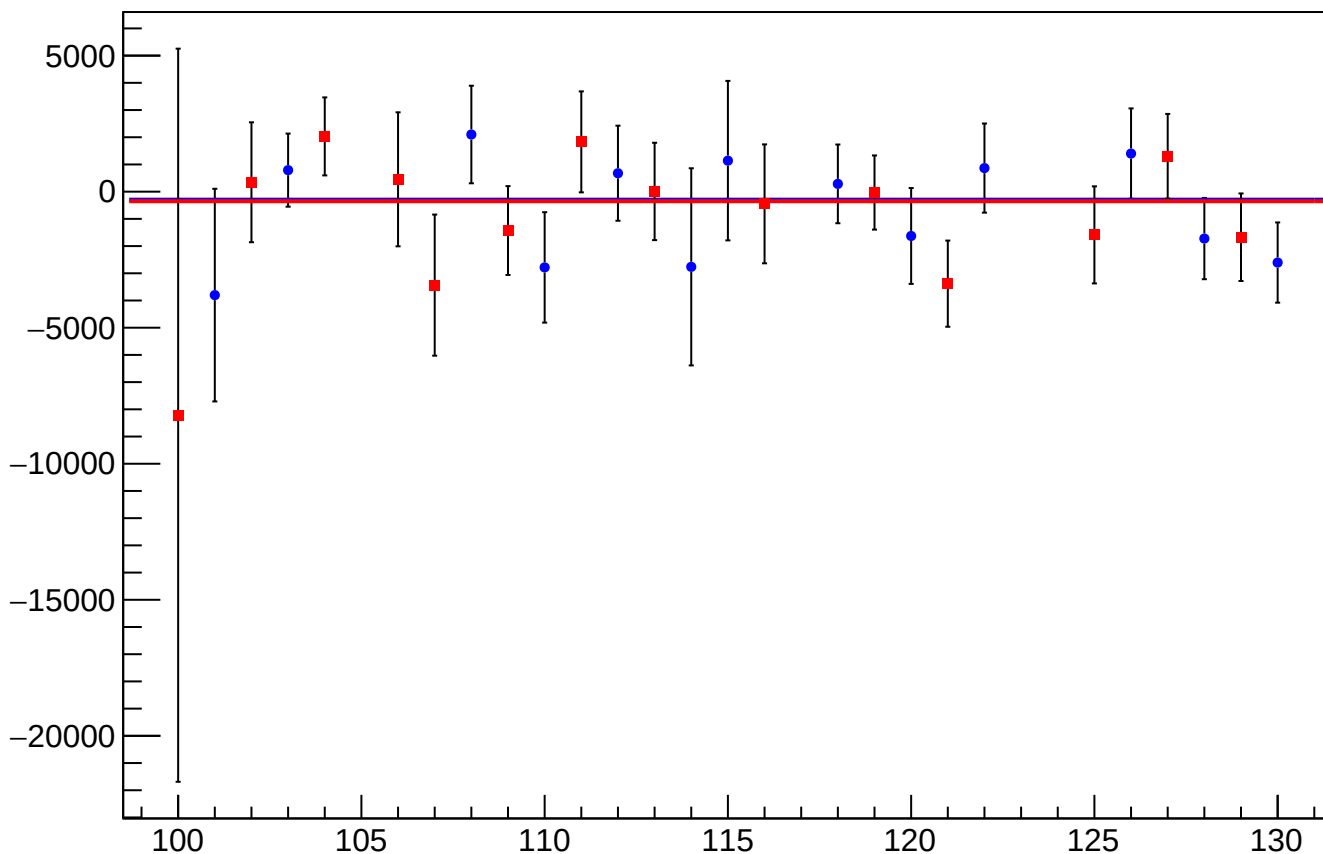
Right: 459.986+/-0.171 χ^2/NDF : 14153131.8/26

In: 488.597+/-0.256 χ^2/NDF :7267252.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 459.986+/-0.171 χ^2/NDF : 14153131.8/26

cor_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -294.424+/-491.592 χ^2/NDF : 11.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -351.347+/-485.108 χ^2/NDF : 12.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

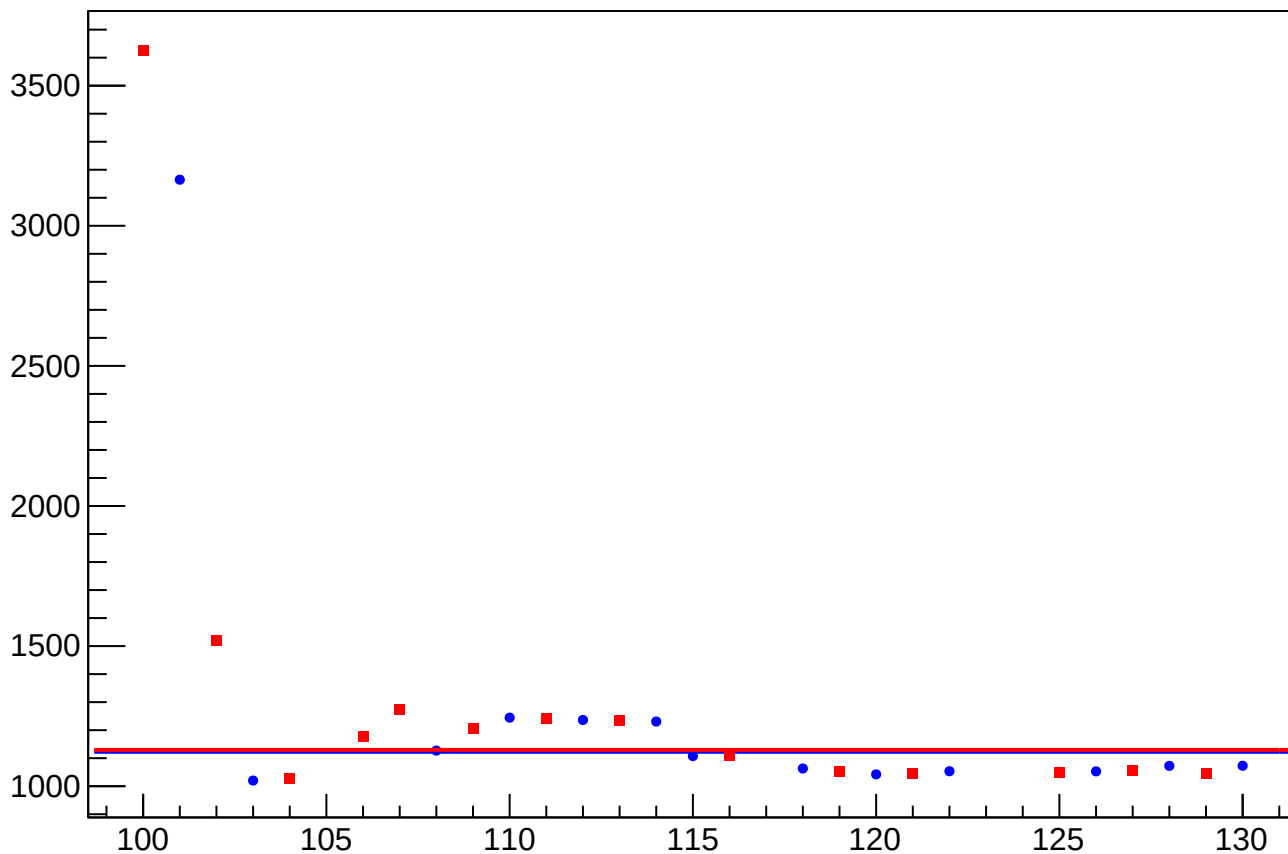
Right: -323.263+/-345.293 χ^2/NDF : 24.0/26

In: -294.424+/-491.592 χ^2/NDF : 11.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -323.263+/-345.293 χ^2/NDF : 24.0/26

cor_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1122.891+/-0.348 χ^2/NDF : 594415.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1129.555+/-0.343 χ^2/NDF : 193842.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

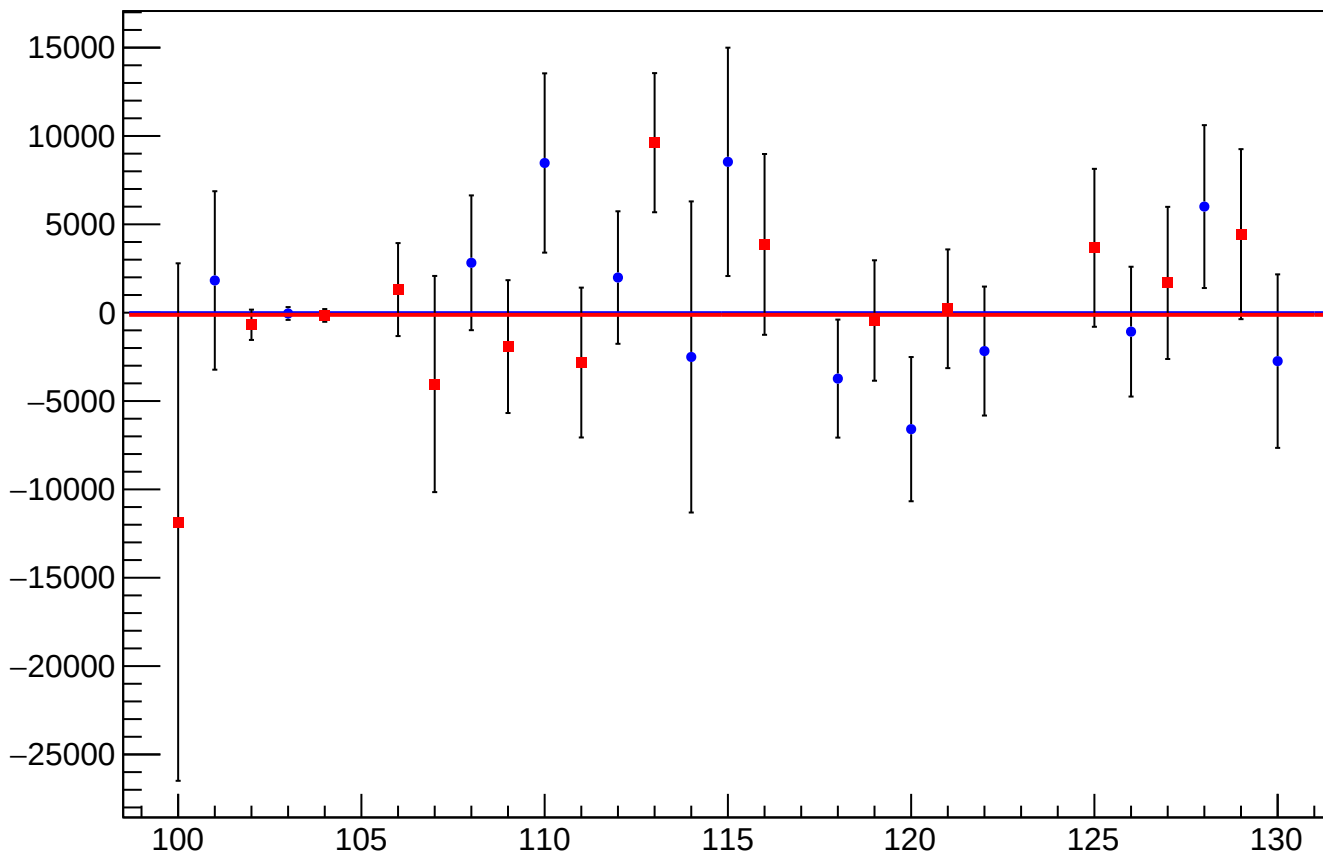
Right: 1126.270+/-0.244 χ^2/NDF : 788445.1/26

In: 1122.891+/-0.348 χ^2/NDF : 594415.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1126.270+/-0.244 χ^2/NDF : 788445.1/26

asym_us_avg_atlr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -29.103+/-347.895 χ^2/NDF : 11.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -120.416+/-319.745 χ^2/NDF : 11.0/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

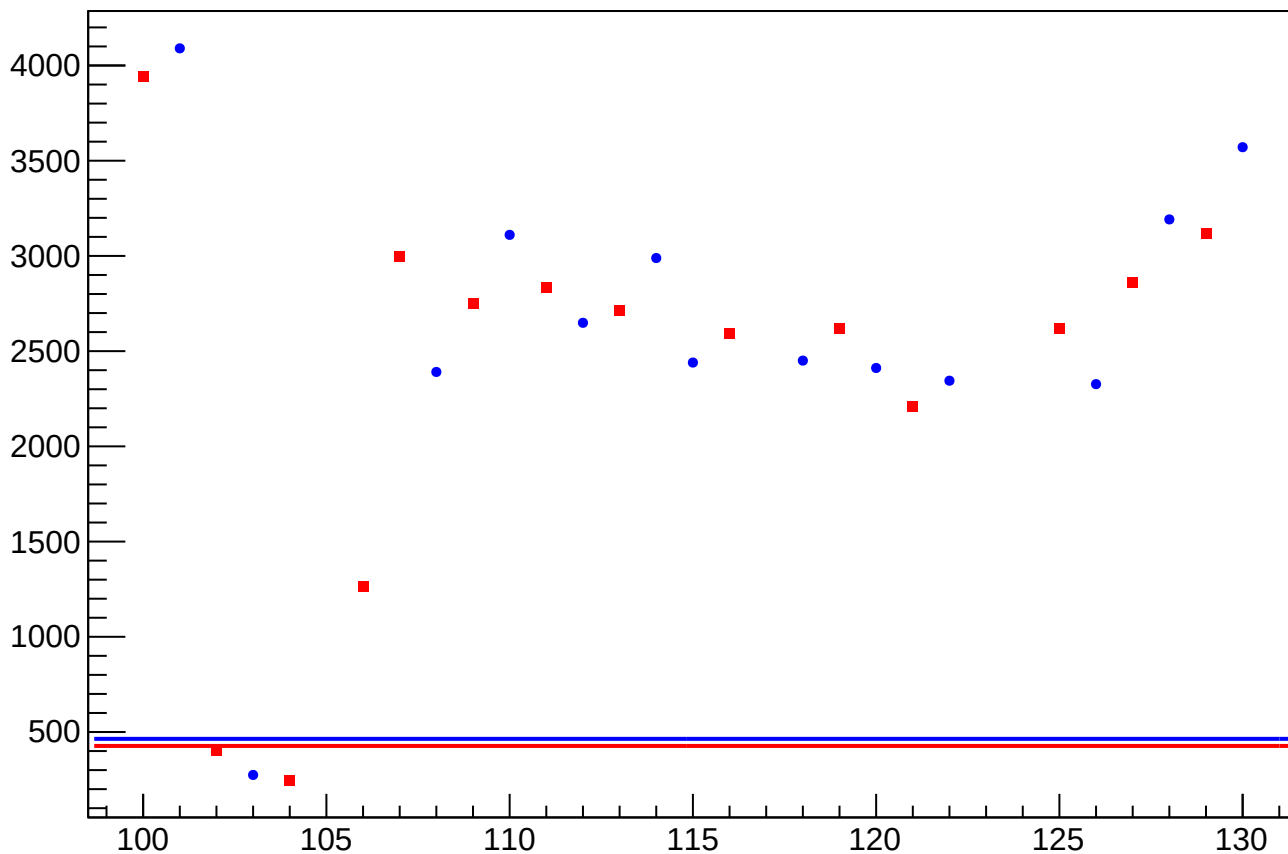
Right: -78.603+/-235.417 χ^2/NDF : 22.9/26

In: -29.103+/-347.895 χ^2/NDF :11.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -78.603+/-235.417 χ^2/NDF : 22.9/26

asym_us_avg_atlr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 464.102+/-0.246 χ^2/NDF : 7373392.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 426.855+/-0.226 χ^2/NDF : 6769269.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

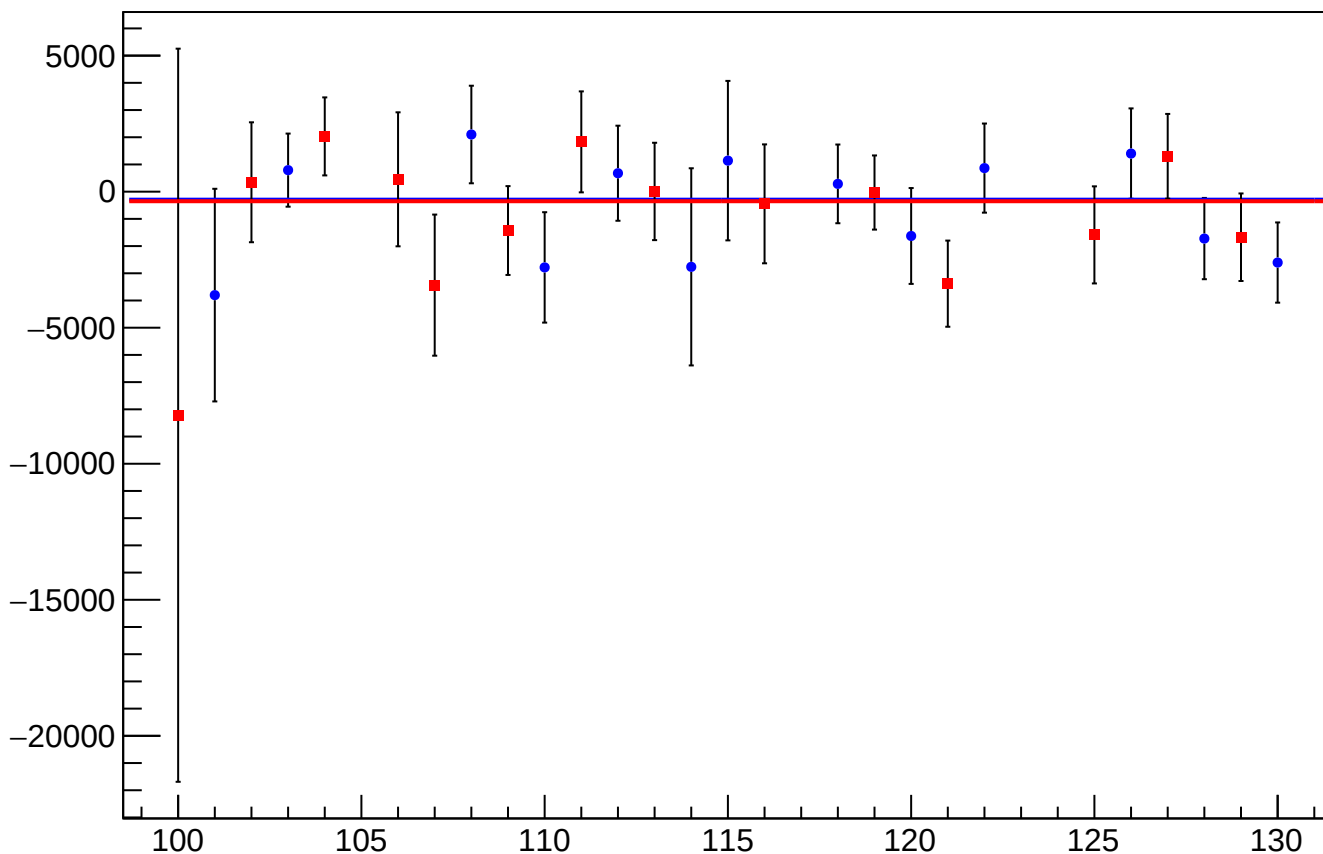
Right: 443.911+/-0.166 χ^2/NDF : 14155089.3/26

In: 464.102+/-0.246 χ^2/NDF : 7373392.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 443.911+/-0.166 χ^2/NDF : 14155089.3/26

eigen_cor_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -294.424+/-491.592 χ^2/NDF : 11.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -351.347+/-485.108 χ^2/NDF : 12.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

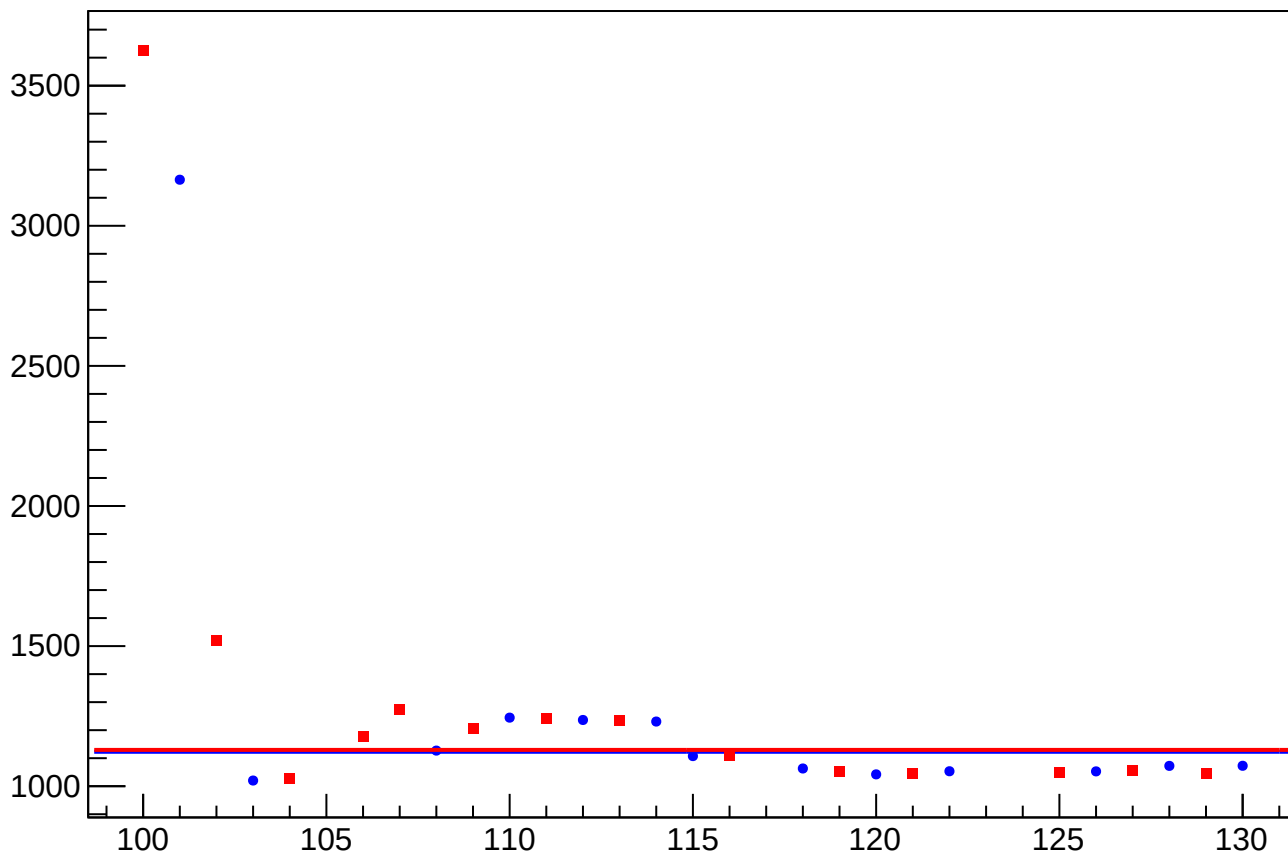
Right: -323.263+/-345.293 χ^2/NDF : 24.0/26

In: -294.424+/-491.592 χ^2/NDF : 11.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -323.263+/-345.293 χ^2/NDF : 24.0/26

eigen_cor_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1122.891+/-0.348 χ^2/NDF : 594415.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1129.555+/-0.343 χ^2/NDF : 193842.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

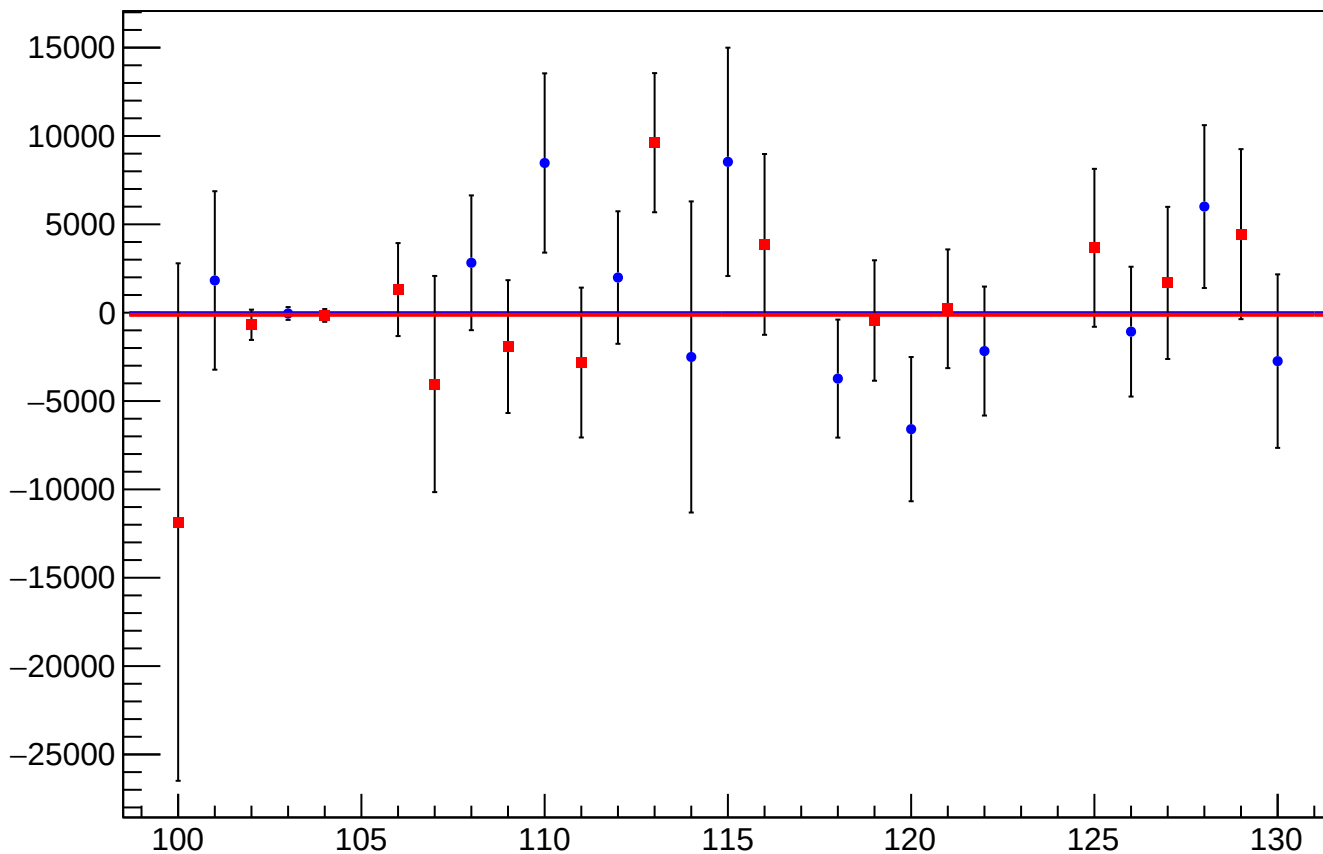
Right: 1126.270+/-0.244 χ^2/NDF : 788445.1/26

In: 1122.891+/-0.348 χ^2/NDF : 594415.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1126.270+/-0.244 χ^2/NDF : 788445.1/26

asym_us_avg_atlr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -29.103+/-347.895 χ^2/NDF : 11.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -120.416+/-319.745 χ^2/NDF : 11.0/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

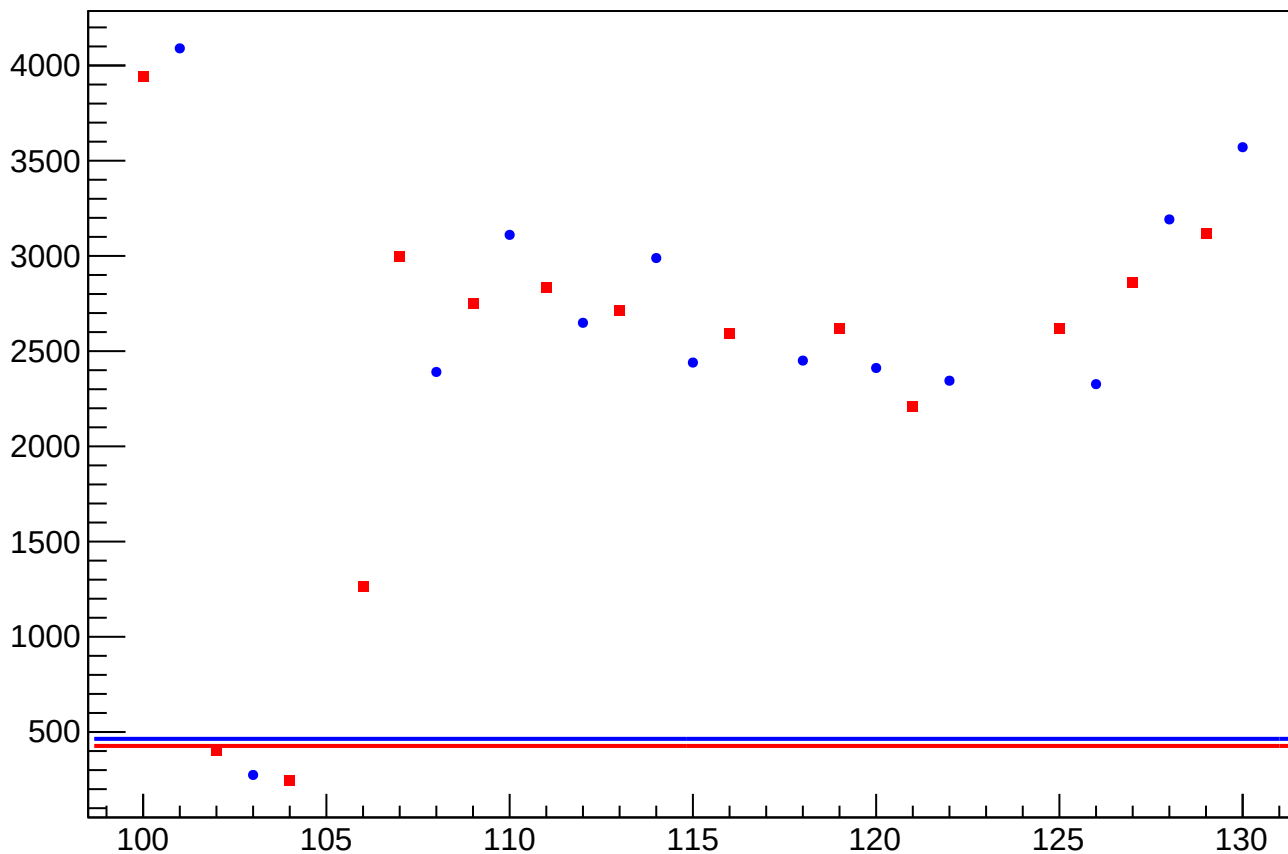
Right: -78.603+/-235.417 χ^2/NDF : 22.9/26

In: -29.103+/-347.895 χ^2/NDF :11.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -78.603+/-235.417 χ^2/NDF : 22.9/26

asym_us_avg_atlr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 464.102+/-0.246 χ^2/NDF : 7373392.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 426.855+/-0.226 χ^2/NDF : 6769269.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

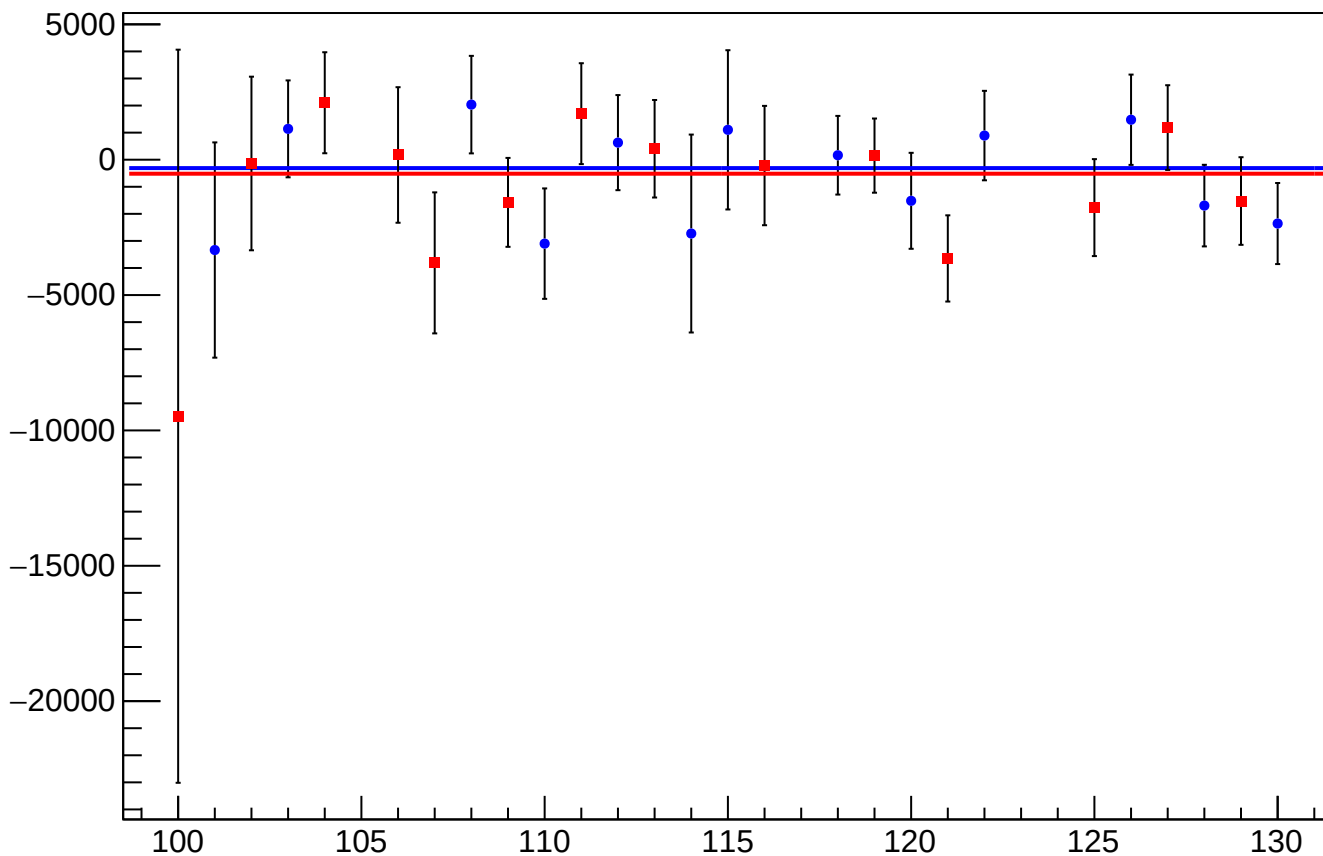
Right: 443.911+/-0.166 χ^2/NDF : 14155089.3/26

In: 464.102+/-0.246 χ^2/NDF : 7373392.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 443.911+/-0.166 χ^2/NDF : 14155089.3/26

dit_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -310.362+/-510.138 χ^2/NDF : 10.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -517.308+/-506.430 χ^2/NDF : 12.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

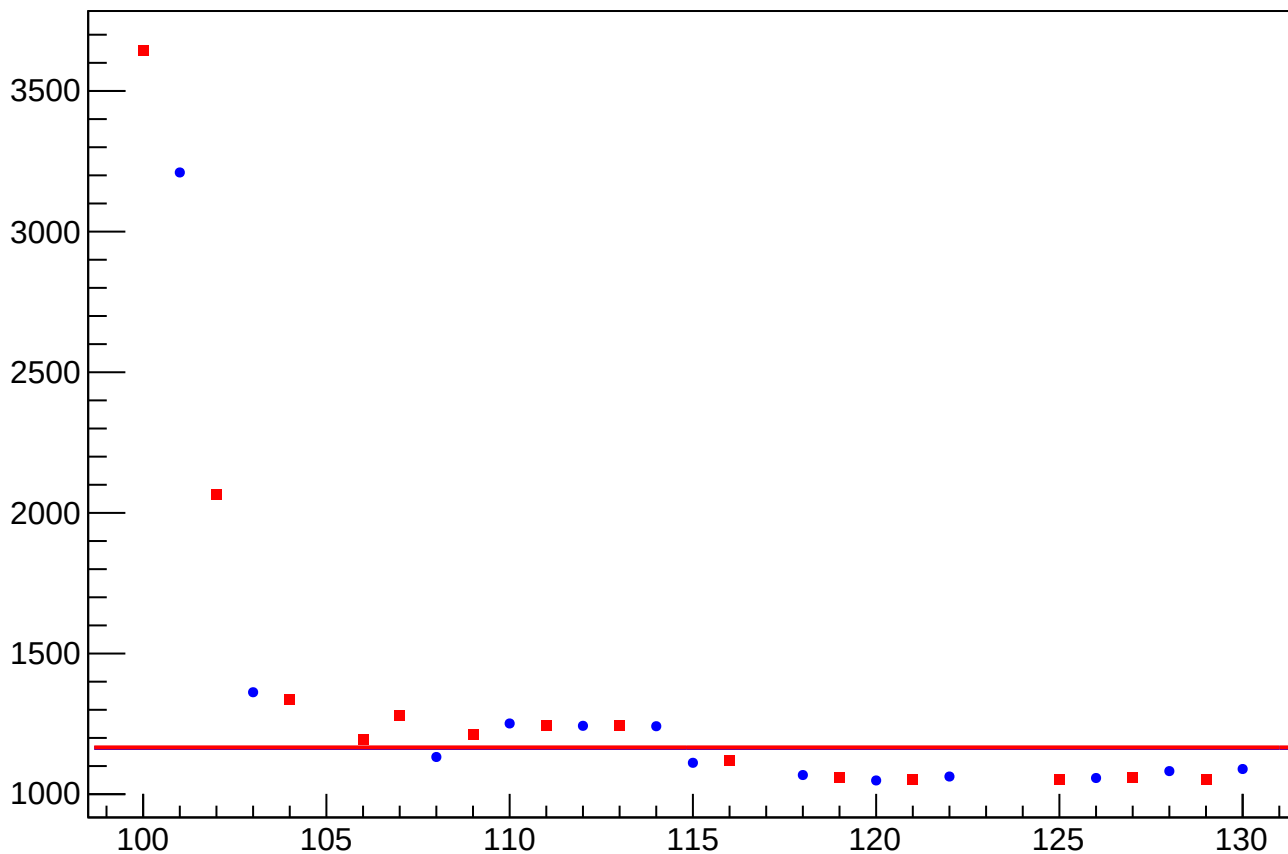
Right: -414.590+/-359.404 χ^2/NDF : 23.2/26

In: -310.362+/-510.138 χ^2/NDF : 10.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -414.590+/-359.404 χ^2/NDF : 23.2/26

dit_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1164.338+/-0.361 χ^2/NDF : 607931.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1166.260+/-0.358 χ^2/NDF : 305376.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

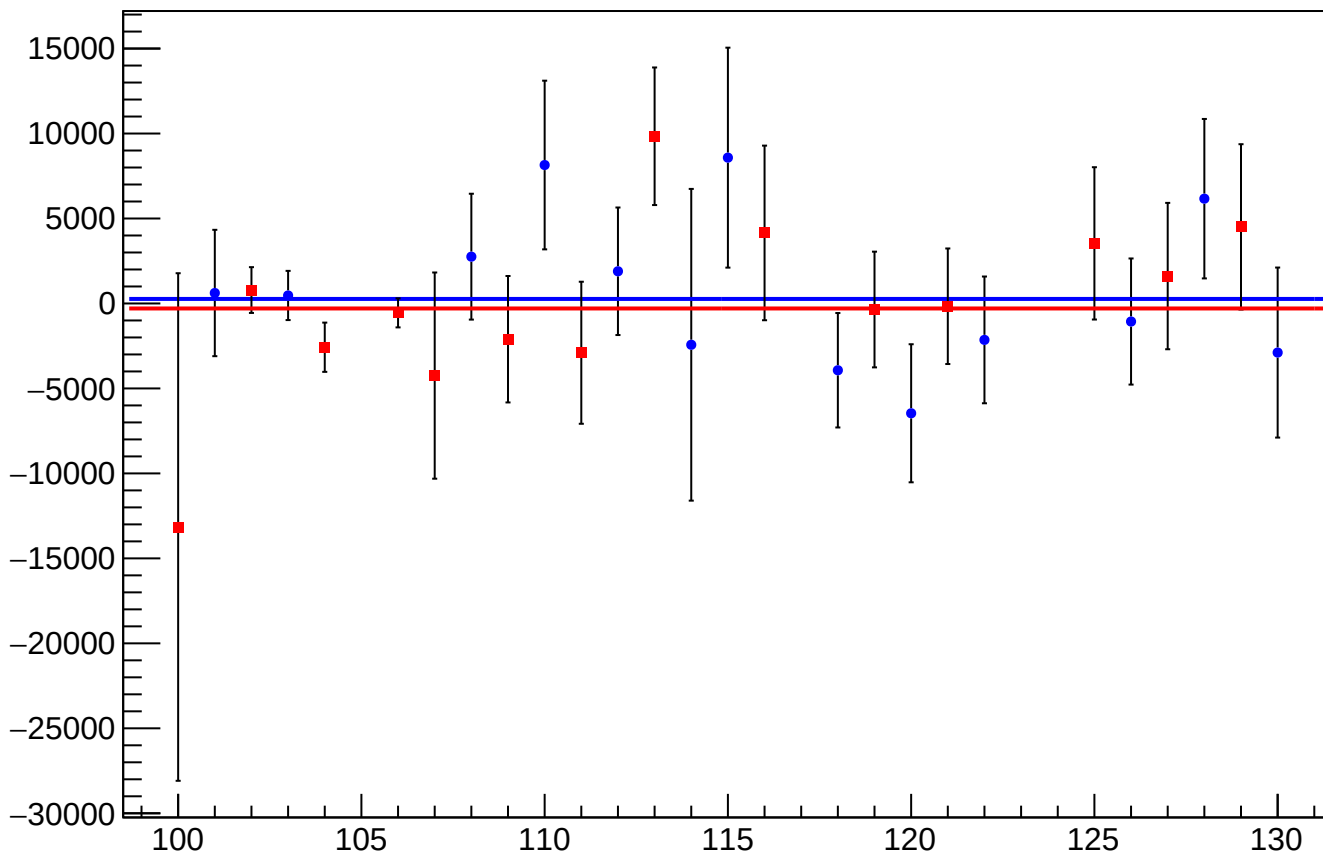
Right: 1165.307+/-0.254 χ^2/NDF : 913322.0/26

In: 1164.338+/-0.361 χ^2/NDF : 607931.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1165.307+/-0.254 χ^2/NDF : 913322.0/26

asym_us_avg_atlr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 266.716+/-933.068 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -294.807+/-579.505 χ^2/NDF : 13.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

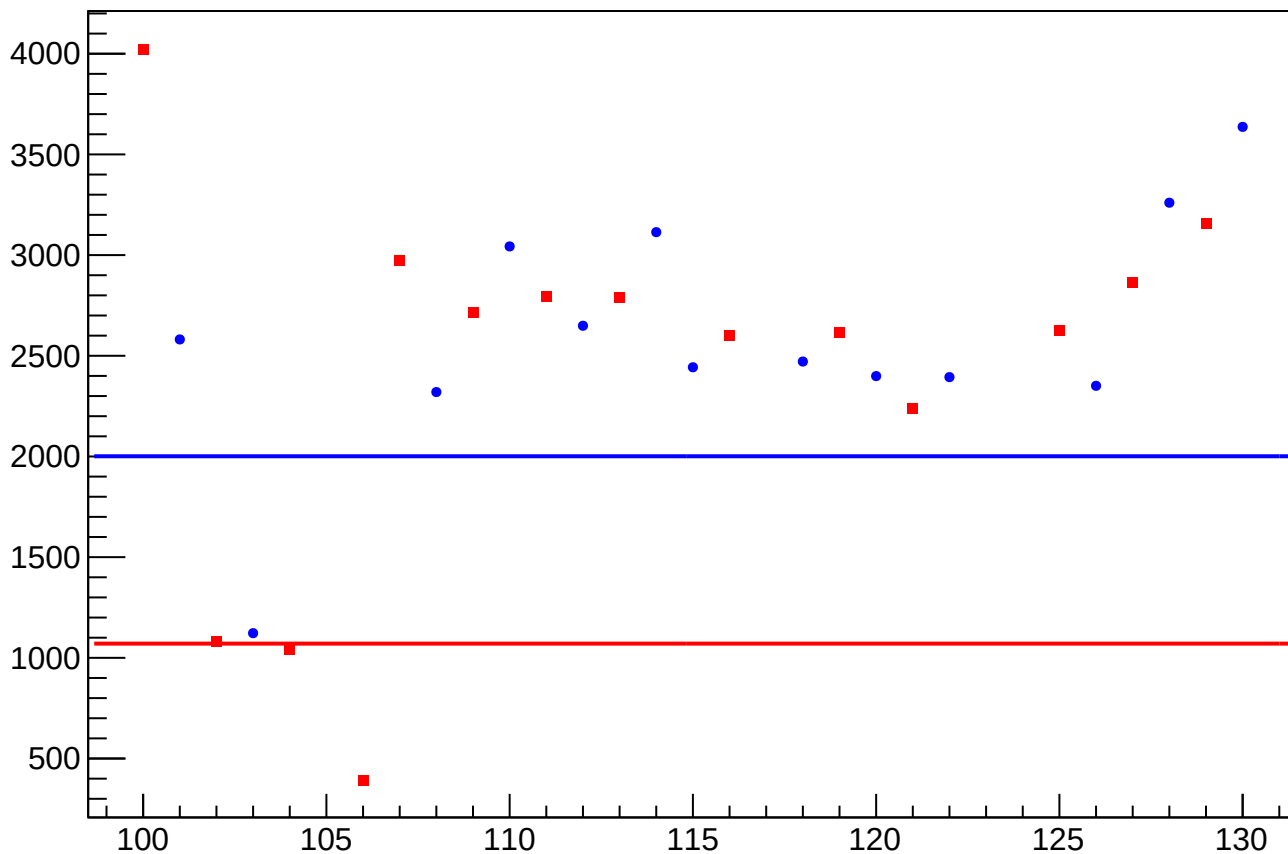
Right: -138.501+/-492.286 χ^2/NDF : 25.9/26

In: 266.716+/-933.068 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -138.501+/-492.286 χ^2/NDF : 25.9/26

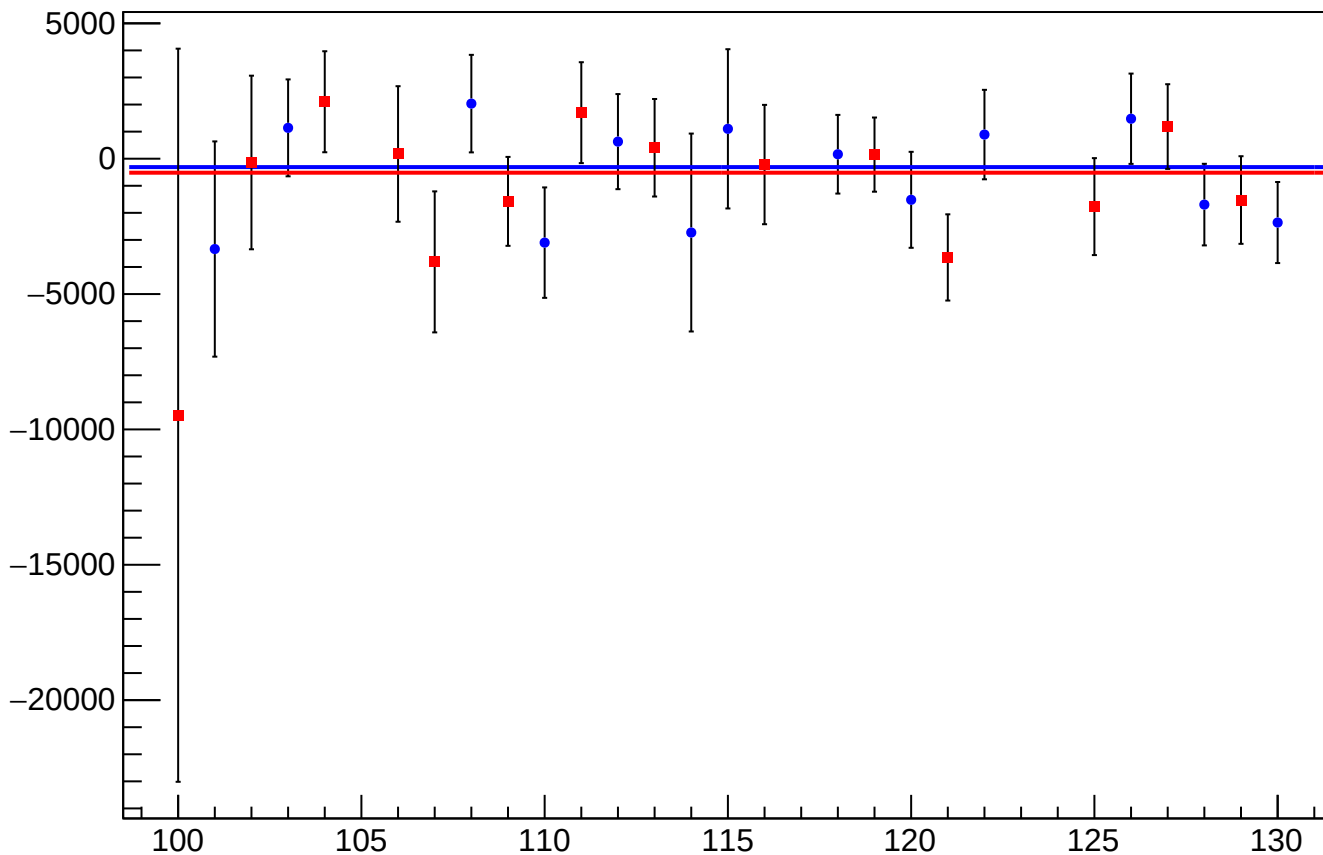
asym_us_avg_atlr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2000.963+/-0.660 χ^2/NDF : 1442965.8/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 1070.634+/-0.410 χ^2/NDF : 4417415.0/13
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 1329.601+/-0.348 χ^2/NDF : 7295200.9/26
 In: 2000.963+/-0.660 χ^2/NDF : 1442965.8/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1329.601+/-0.348 χ^2/NDF : 7295200.9/26

eigen_dit_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -310.362+/-510.138 χ^2/NDF : 10.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -517.314+/-506.430 χ^2/NDF : 12.4/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

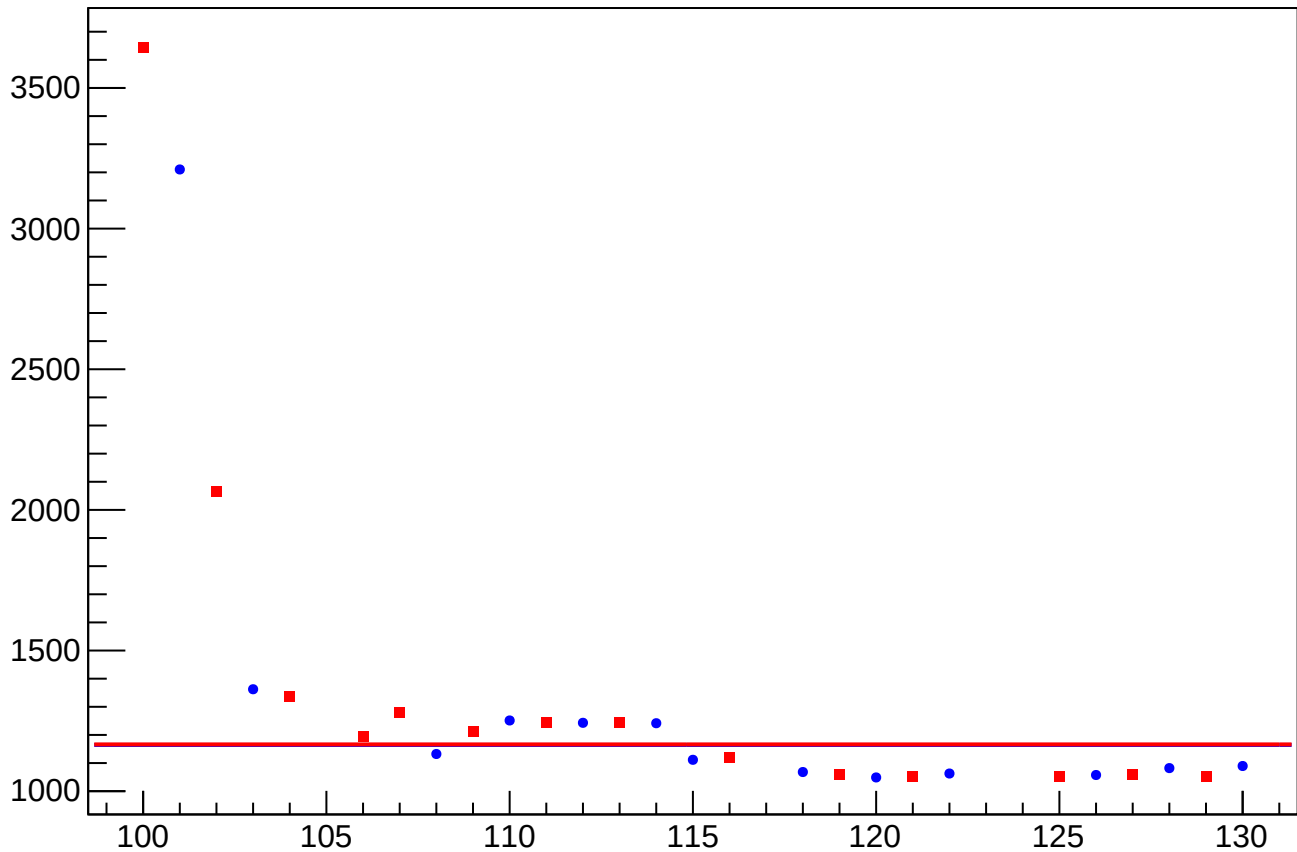
Right: -414.593+/-359.404 χ^2/NDF : 23.2/26

In: -310.362+/-510.138 χ^2/NDF :10.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -414.593+/-359.404 χ^2/NDF : 23.2/26

eigen_dit_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1164.338+/-0.361 χ^2/NDF : 607931.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1166.260+/-0.358 χ^2/NDF : 305376.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

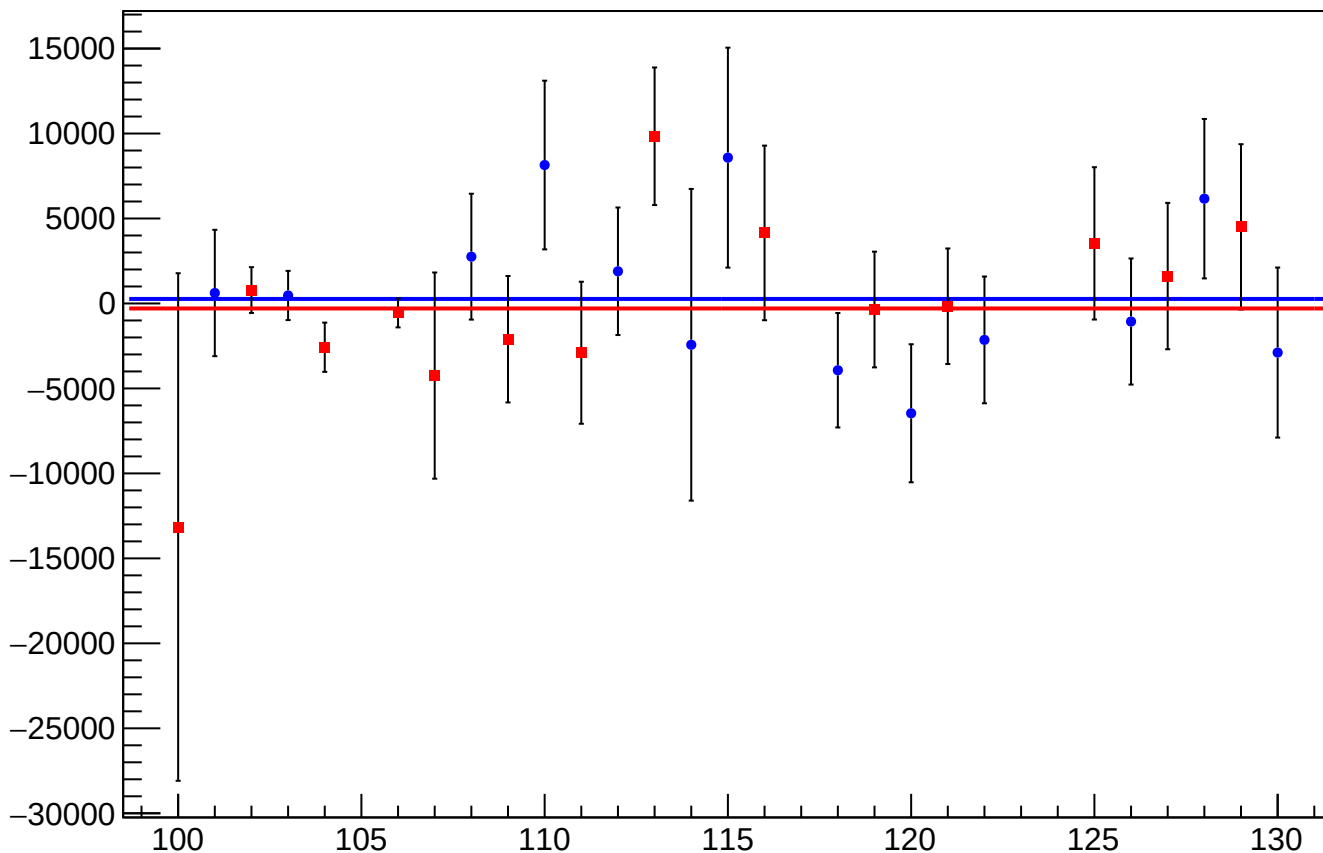
Right: 1165.307+/-0.254 χ^2/NDF : 913321.9/26

In: 1164.338+/-0.361 χ^2/NDF : 607931.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1165.307+/-0.254 χ^2/NDF : 913321.9/26

asym_us_avg_atlr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 266.712 $\pm$ 933.066 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -294.811 $\pm$ 579.498 χ^2 /NDF: 13.9/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

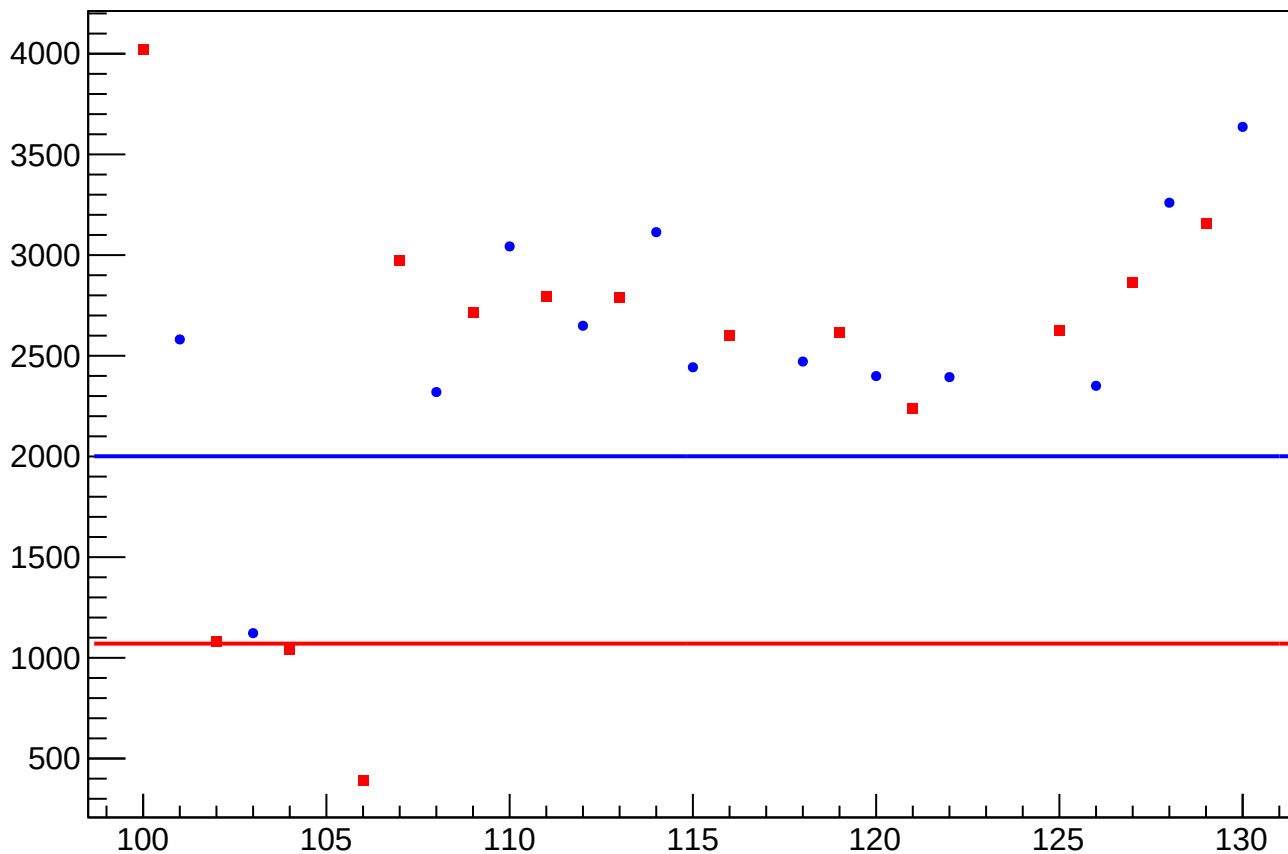
Right: -138.507 $\pm$ 492.281 χ^2 /NDF: 25.9/26

In: 266.712 $\pm$ 933.066 χ^2 /NDF:11.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -138.507 $\pm$ 492.281 χ^2 /NDF: 25.9/26

asym_us_avg_atlr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2000.960+/-0.660 χ^2/NDF : 1442957.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1070.612+/-0.410 χ^2/NDF : 4417515.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

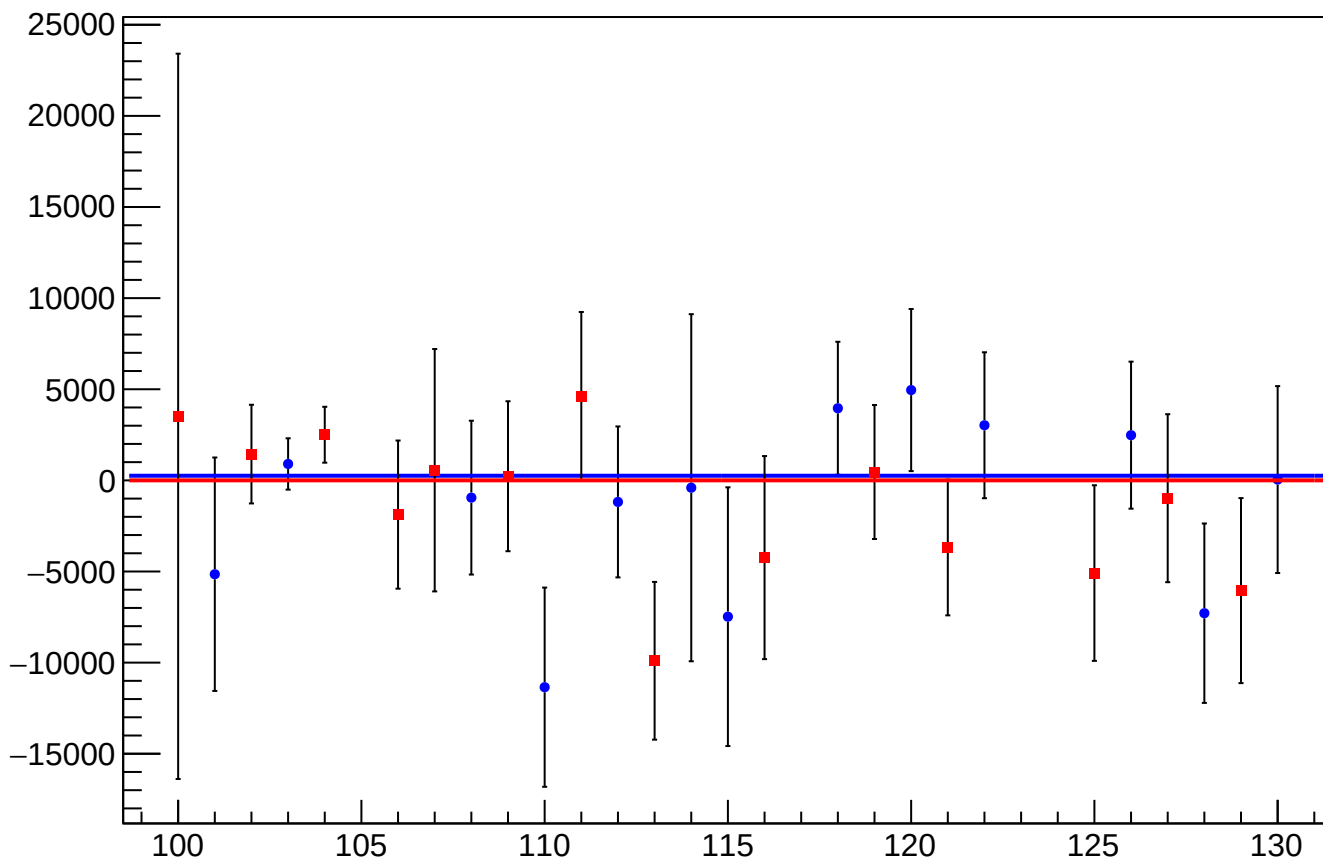
Right: 1329.580+/-0.348 χ^2/NDF : 7295364.5/26

In: 2000.960+/-0.660 χ^2/NDF : 1442957.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1329.580+/-0.348 χ^2/NDF : 7295364.5/26

asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 254.499+/-982.441 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.494+/-947.522 χ^2/NDF : 13.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

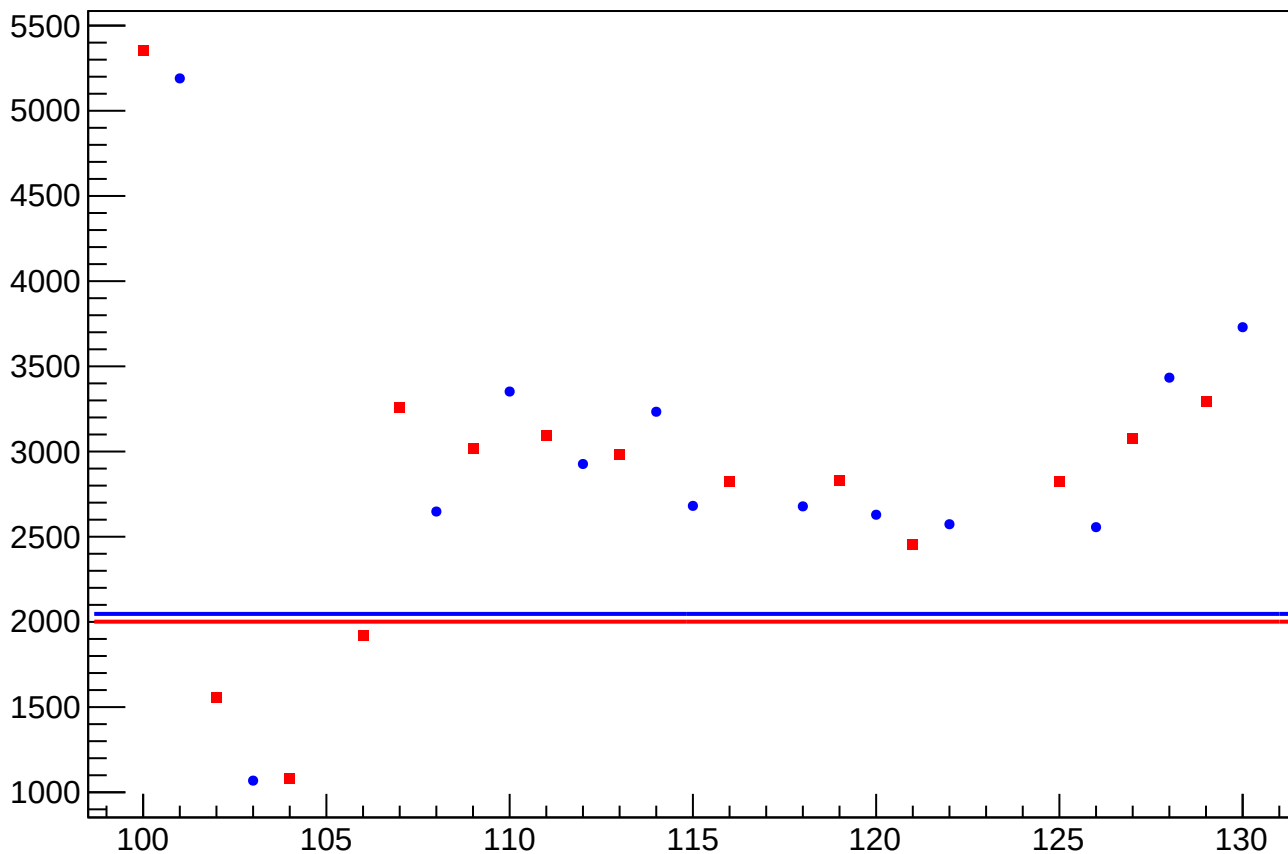
Right: 123.421+/-682.010 χ^2/NDF : 25.7/26

In: 254.499+/-982.441 χ^2/NDF : 12.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.421+/-682.010 χ^2/NDF : 25.7/26

asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2047.062+/-0.695 χ^2/NDF : 2273324.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2001.432+/-0.668 χ^2/NDF : 1709417.8/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

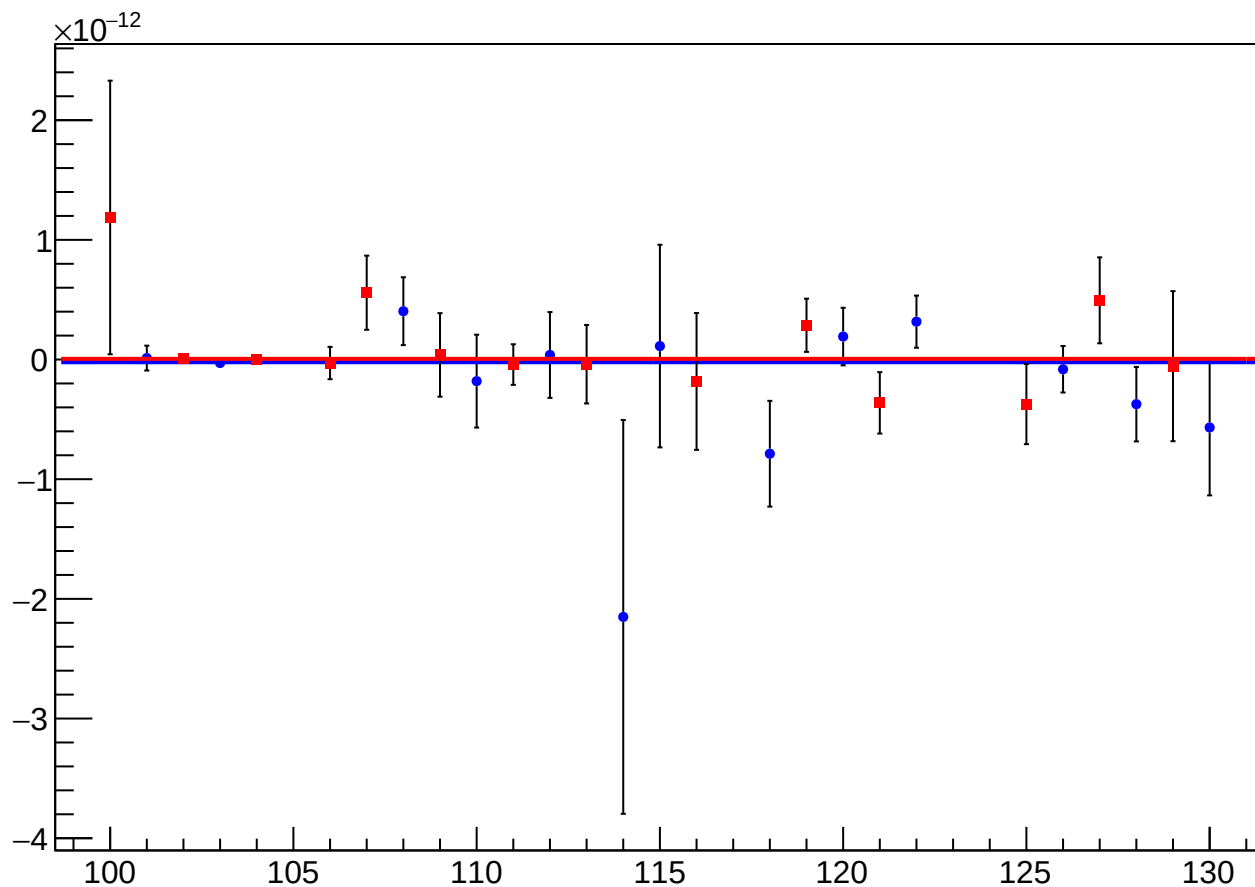
Right: 2023.361+/-0.482 χ^2/NDF : 3984983.5/26

In: 2047.062+/-0.695 χ^2/NDF :2273324.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2023.361+/-0.482 χ^2/NDF : 3984983.5/26

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

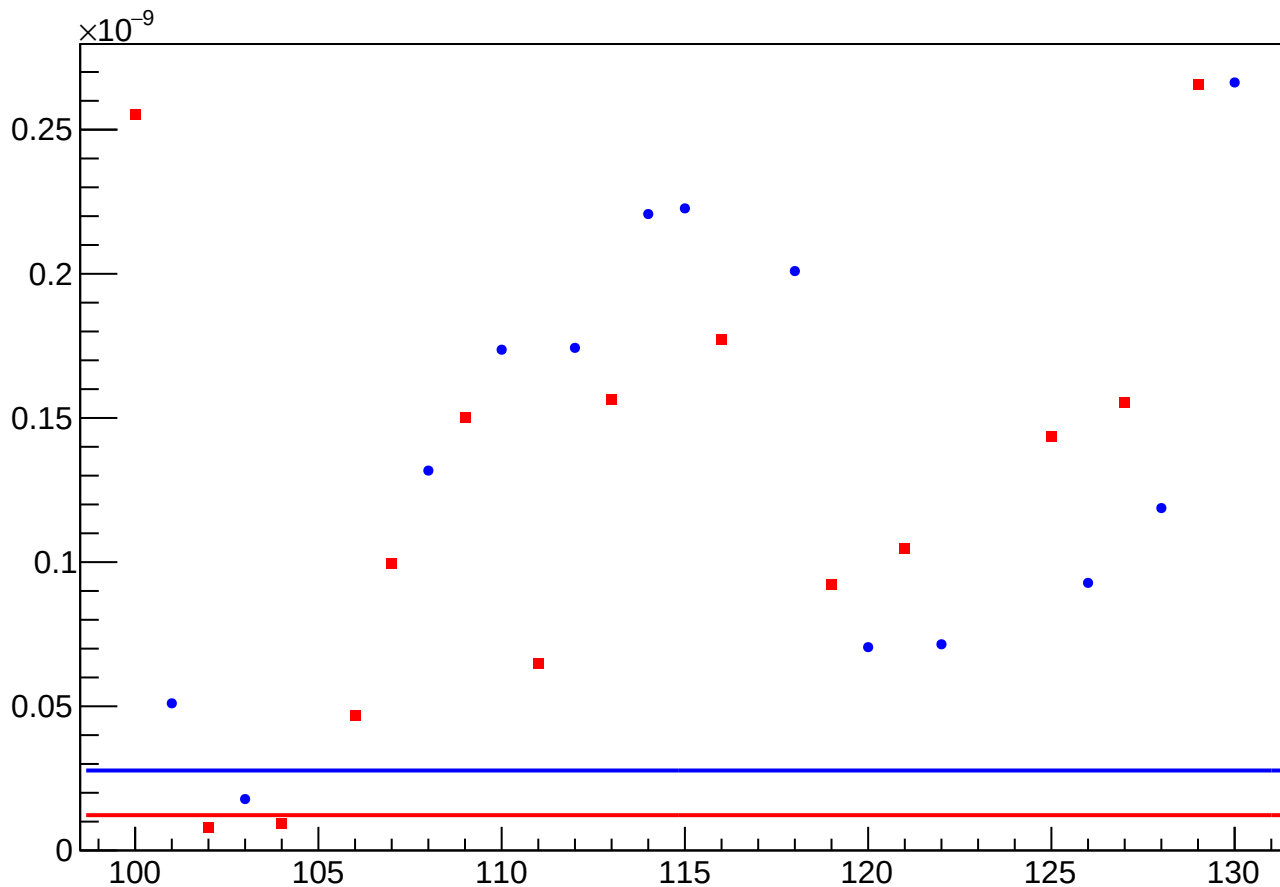
Right: -0.000+/-0.000 χ^2/NDF : 25.0/26

In: -0.000+/-0.000 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.0/26

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2556314.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3001760.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

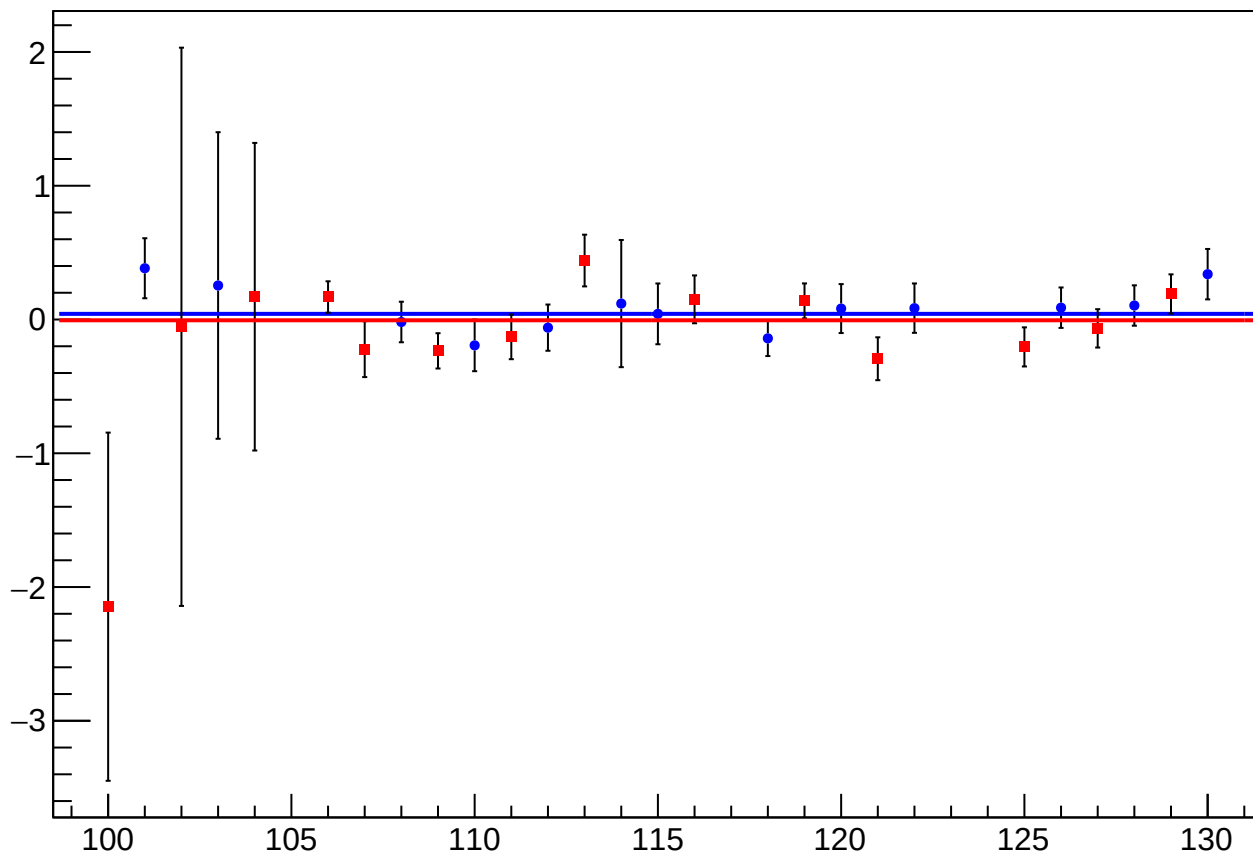
Right: 0.000+/-0.000 χ^2/NDF : 6069013.1/26

In: 0.000+/-0.000 χ^2/NDF : 2556314.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6069013.1/26

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.042+/-0.051 χ^2/NDF : 9.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.006+/-0.045 χ^2/NDF : 23.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

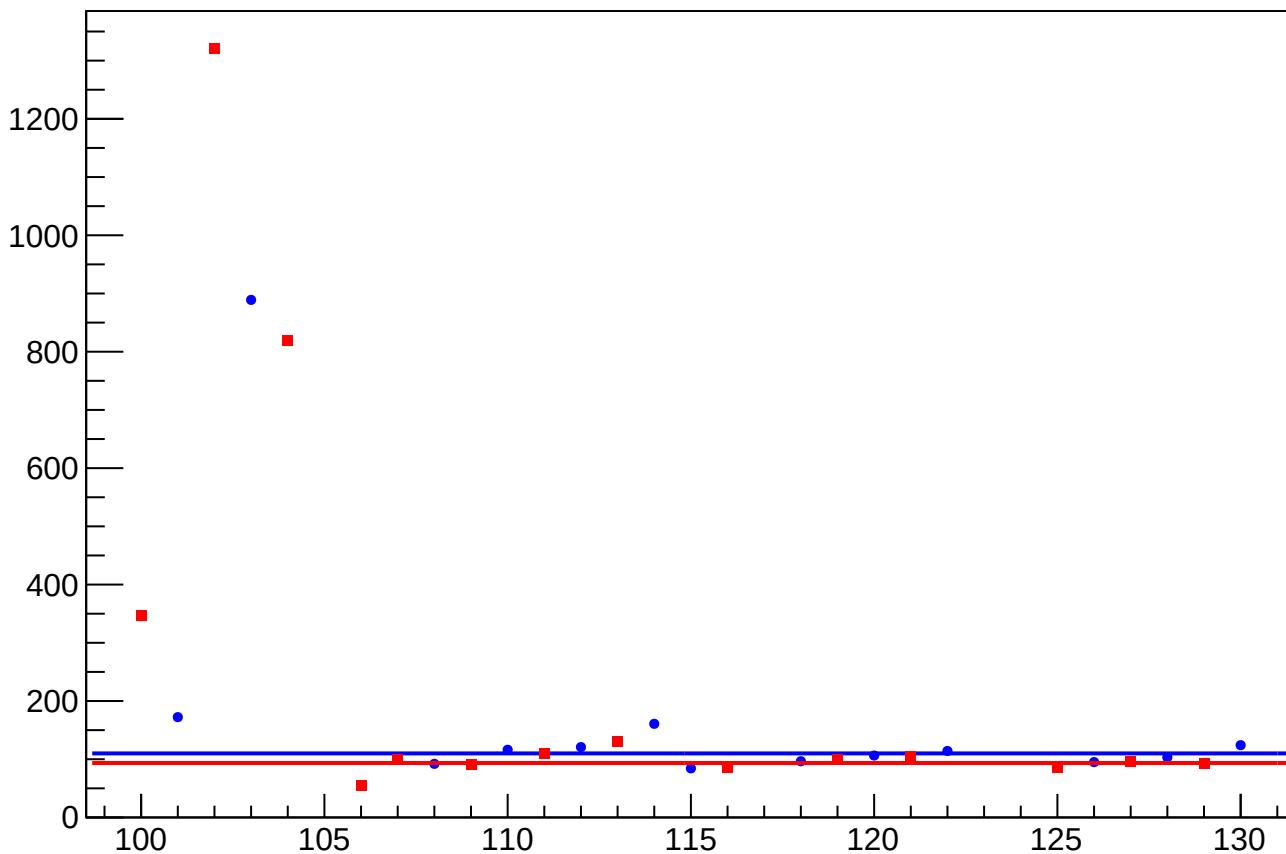
Right: 0.015+/-0.034 χ^2/NDF : 33.6/26

In: 0.042+/-0.051 χ^2/NDF : 9.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.034 χ^2/NDF : 33.6/26

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 110.018+/-0.036 χ^2/NDF : 1221983.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.539+/-0.032 χ^2/NDF : 1899081.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

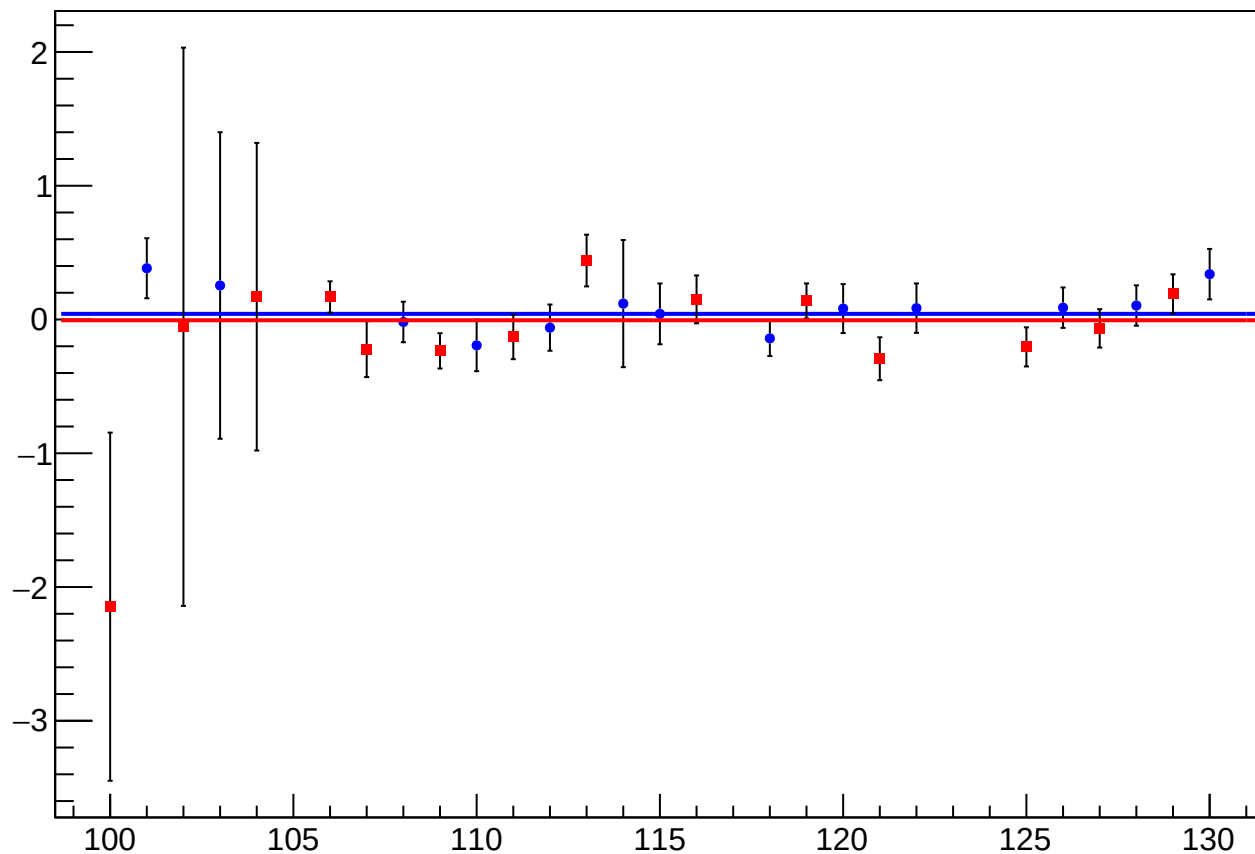
Right: 100.758+/-0.024 χ^2/NDF : 3237133.6/26

In: 110.018+/-0.036 χ^2/NDF : 1221983.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.758+/-0.024 χ^2/NDF : 3237133.6/26

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.042+/-0.051 χ^2/NDF : 9.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.006+/-0.045 χ^2/NDF : 23.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

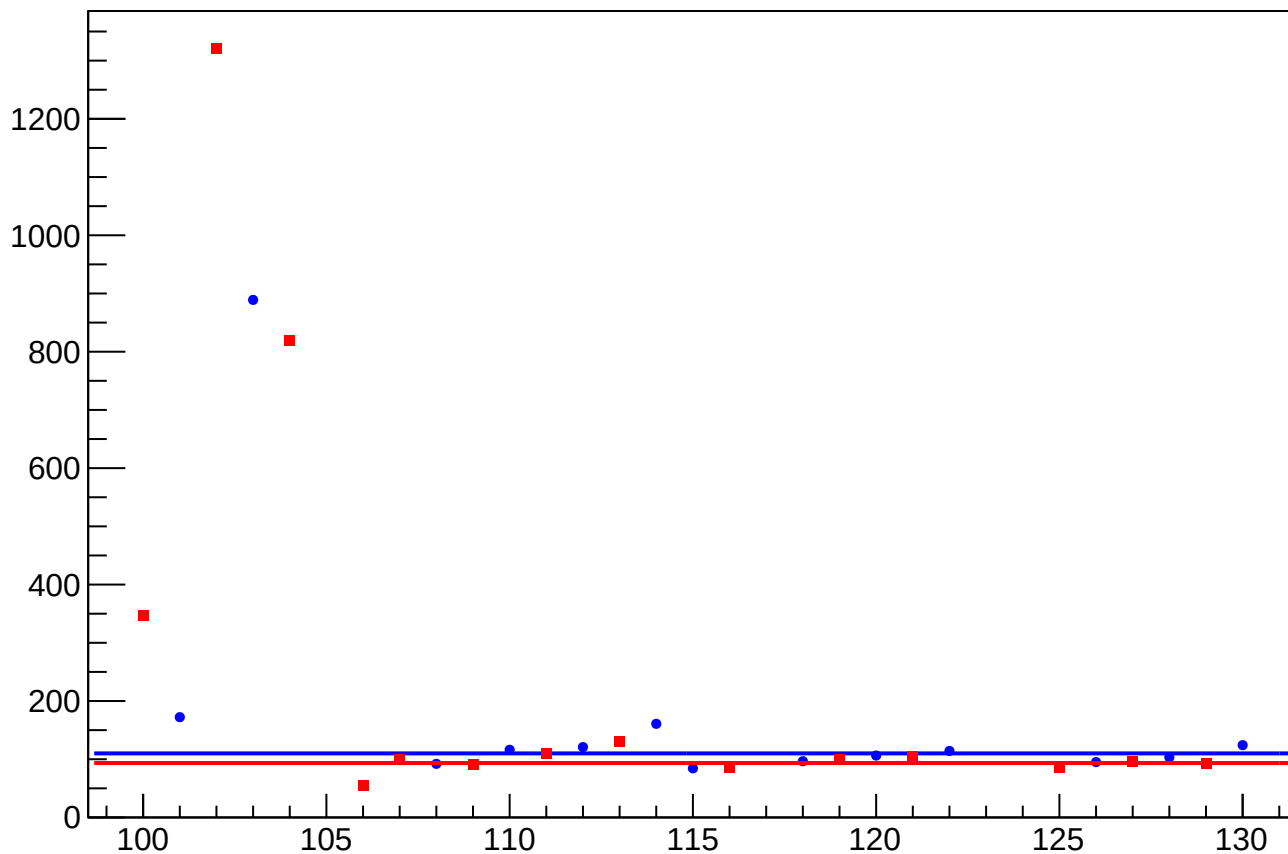
Right: 0.015+/-0.034 χ^2/NDF : 33.6/26

In: 0.042+/-0.051 χ^2/NDF : 9.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.034 χ^2/NDF : 33.6/26

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 110.018+/-0.036 χ^2/NDF : 1221983.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.539+/-0.032 χ^2/NDF : 1899081.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

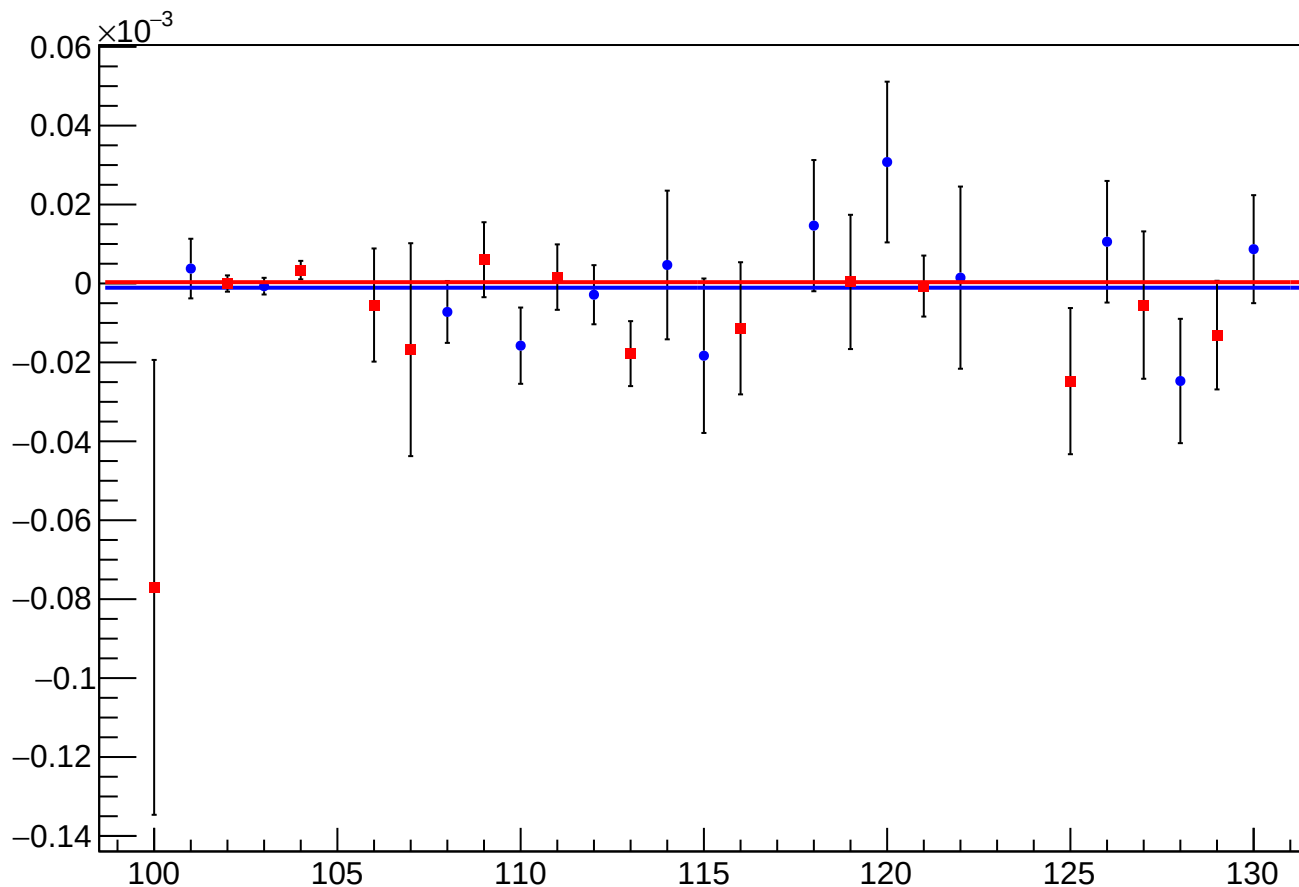
Right: 100.758+/-0.024 χ^2/NDF : 3237133.6/26

In: 110.018+/-0.036 χ^2/NDF : 1221983.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.758+/-0.024 χ^2/NDF : 3237133.6/26

asym_us_avg_atlr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

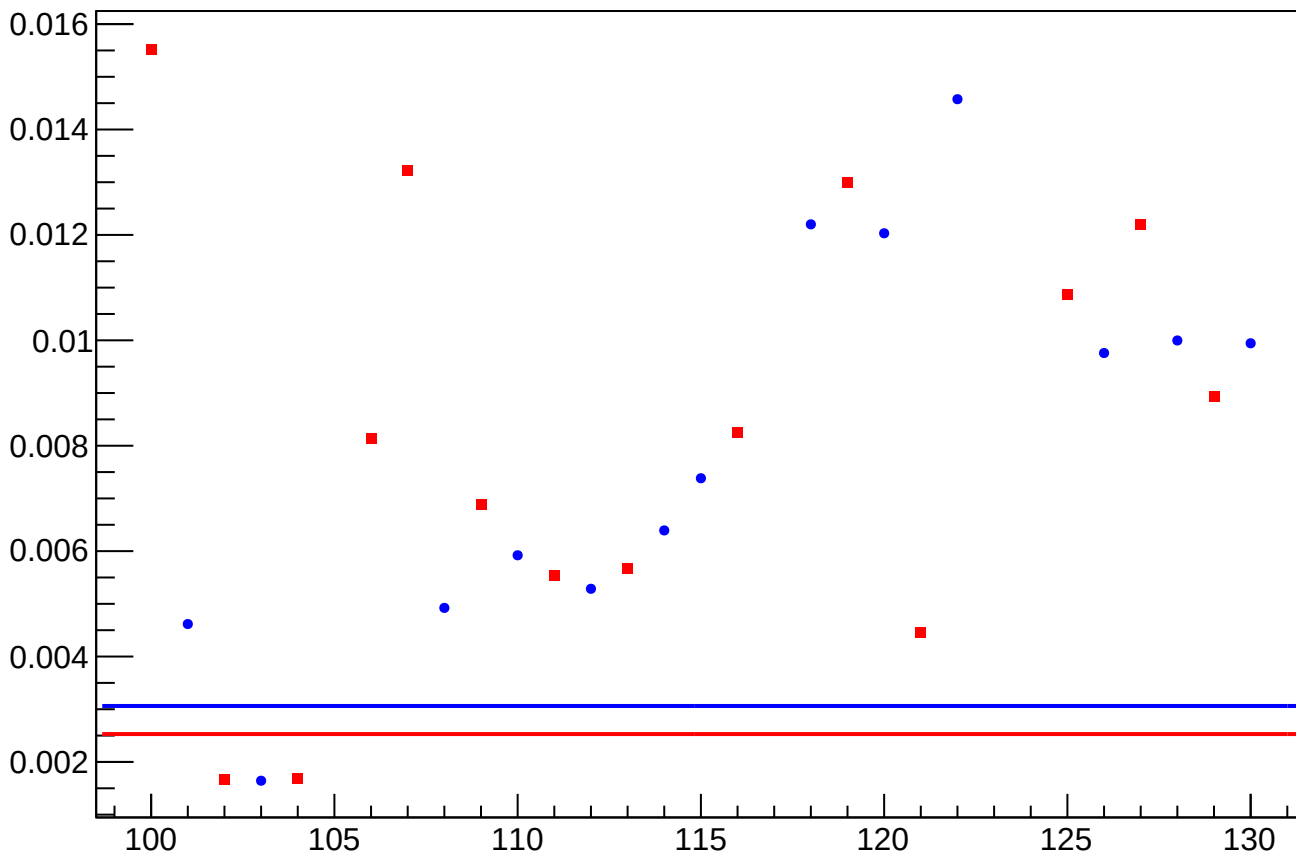
Right: -0.000+/-0.000 χ^2/NDF : 24.1/26

In: -0.000+/-0.000 χ^2/NDF : 11.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.1/26

asym_us_avg_atlr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 4370702.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 4801934.9/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

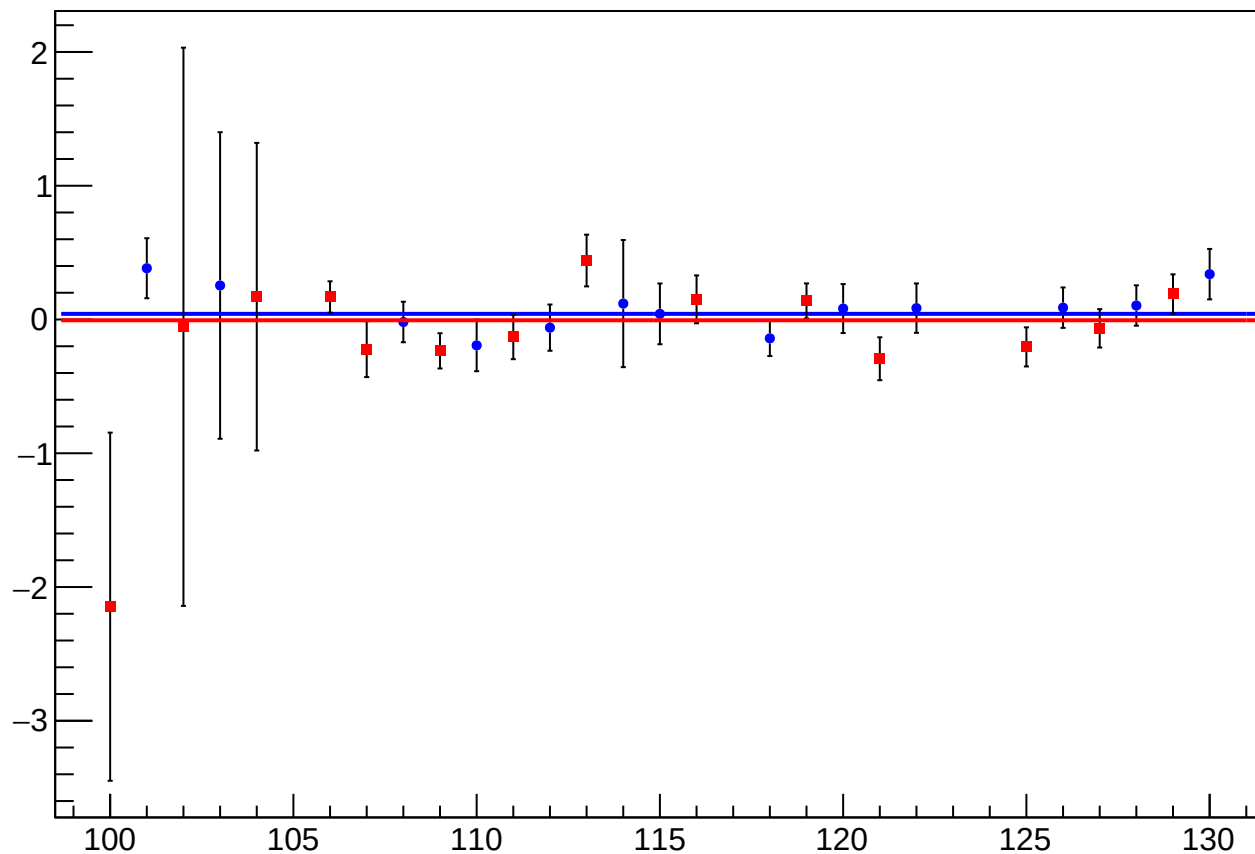
Right: 0.003+/-0.000 χ^2/NDF : 9281999.4/26

In: 0.003+/-0.000 χ^2/NDF :4370702.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 9281999.4/26

asym_us_avg_atlr_avg_dd_eigen_dit_vs_Slug, Sign Corrected



Right In: 0.042+/-0.051 χ^2/NDF : 9.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.006+/-0.045 χ^2/NDF : 23.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

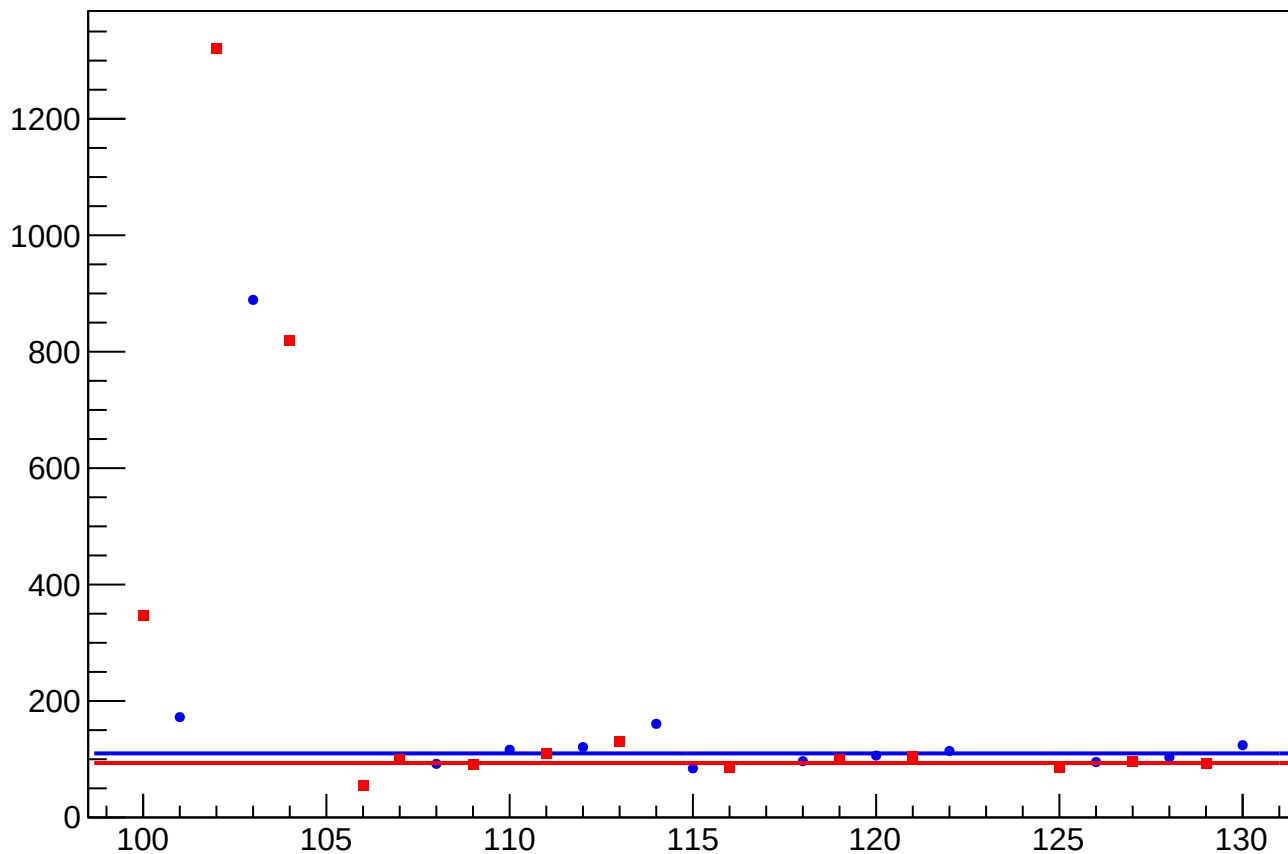
Right: 0.015+/-0.034 χ^2/NDF : 33.6/26

In: 0.042+/-0.051 χ^2/NDF : 9.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.034 χ^2/NDF : 33.6/26

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 110.018+/-0.036 χ^2/NDF : 1221968.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.538+/-0.032 χ^2/NDF : 1899148.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

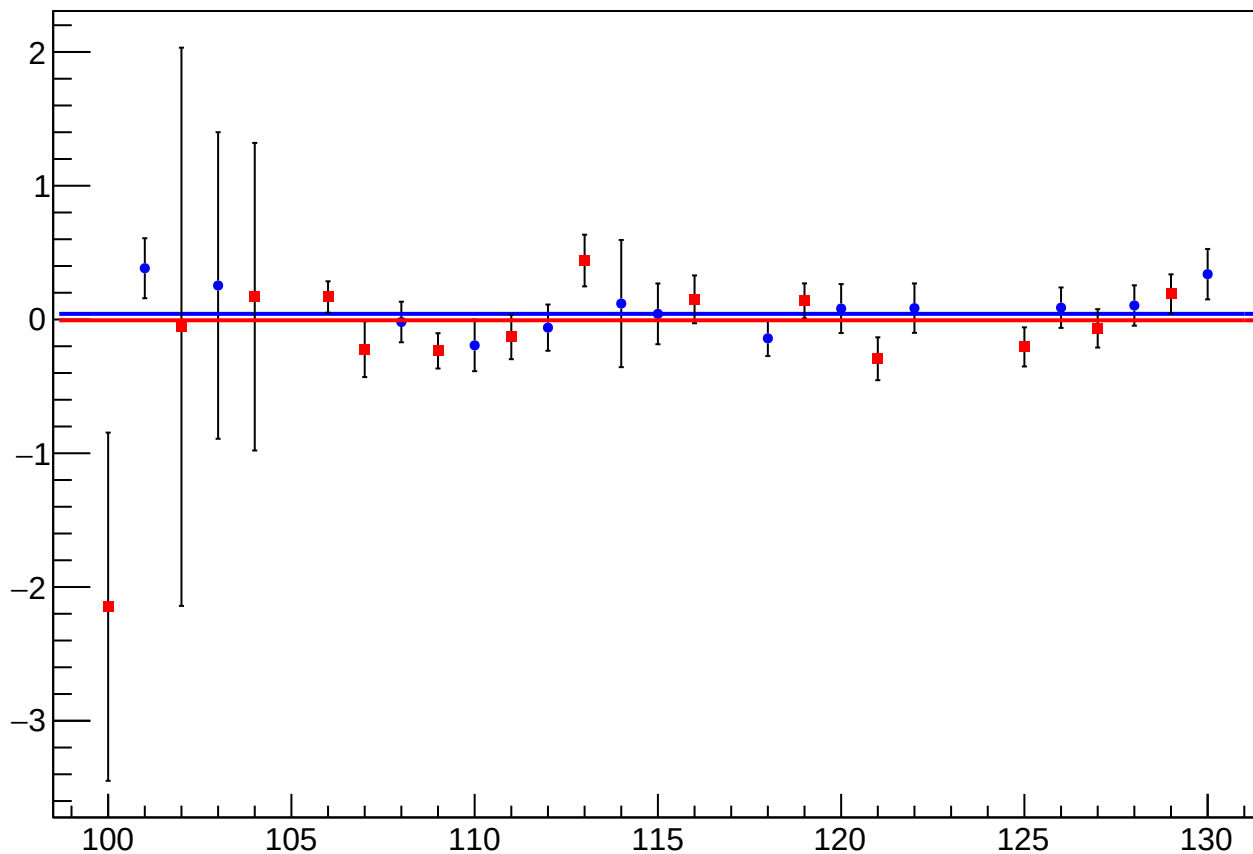
Right: 100.757+/-0.024 χ^2/NDF : 3237197.8/26

In: 110.018+/-0.036 χ^2/NDF : 1221968.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.757+/-0.024 χ^2/NDF : 3237197.8/26

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.042 $\pm$ 0.051 χ^2 /NDF: 9.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.006 $\pm$ 0.045 χ^2 /NDF: 23.9/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

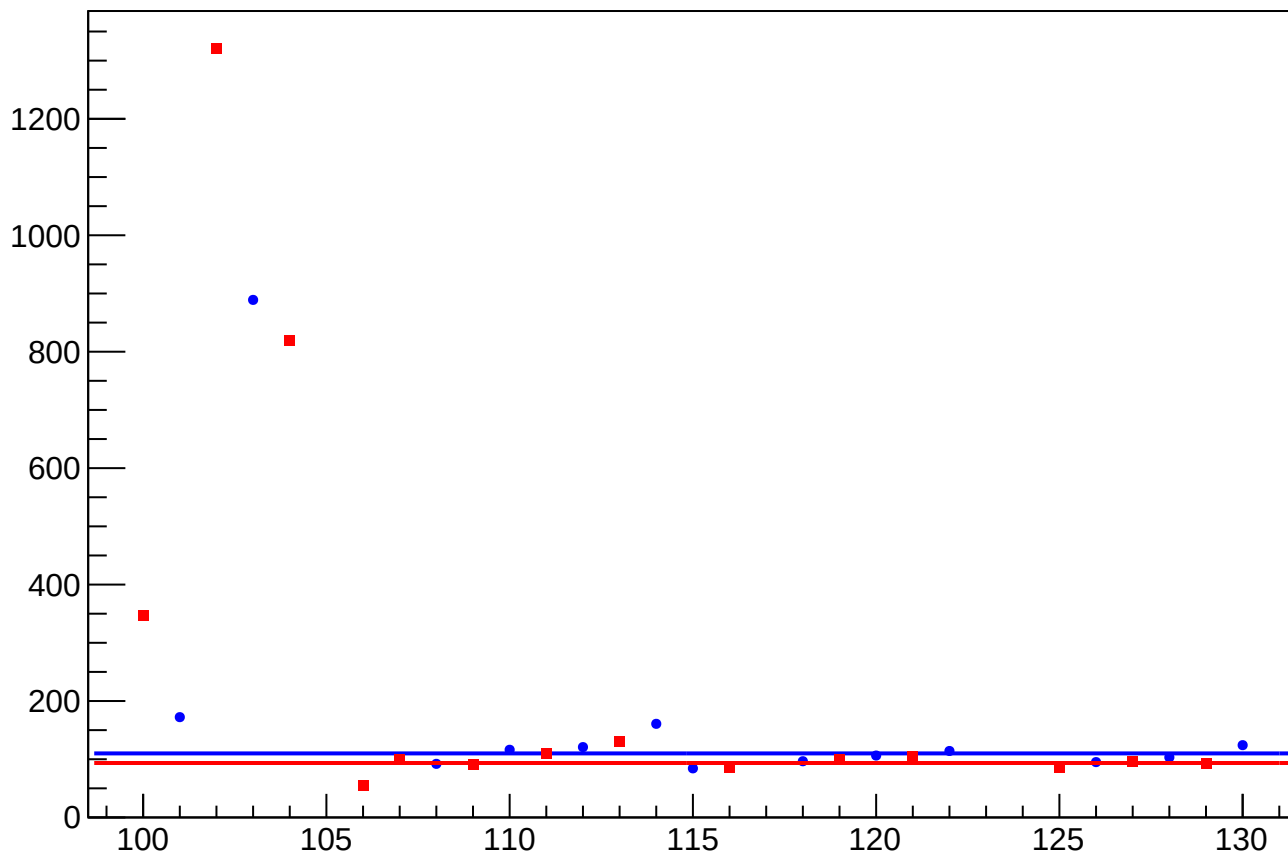
Right: 0.015 $\pm$ 0.034 χ^2 /NDF: 33.6/26

In: 0.042 $\pm$ 0.051 χ^2 /NDF:9.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.015 $\pm$ 0.034 χ^2 /NDF: 33.6/26

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 110.018+/-0.036 χ^2/NDF : 1221968.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.538+/-0.032 χ^2/NDF : 1899148.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

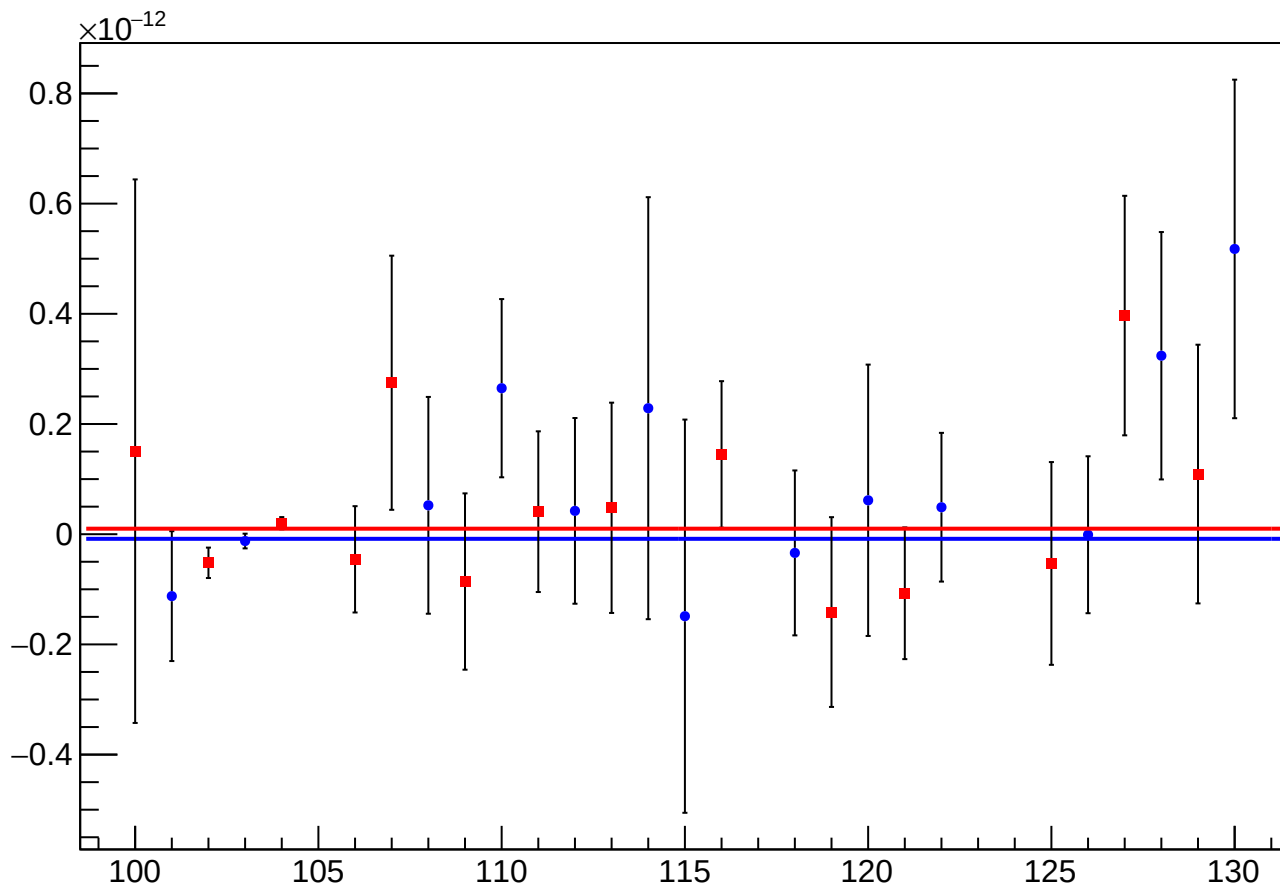
Right: 100.757+/-0.024 χ^2/NDF : 3237197.8/26

In: 110.018+/-0.036 χ^2/NDF : 1221968.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.757+/-0.024 χ^2/NDF : 3237197.8/26

asym_us_avg_atlr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

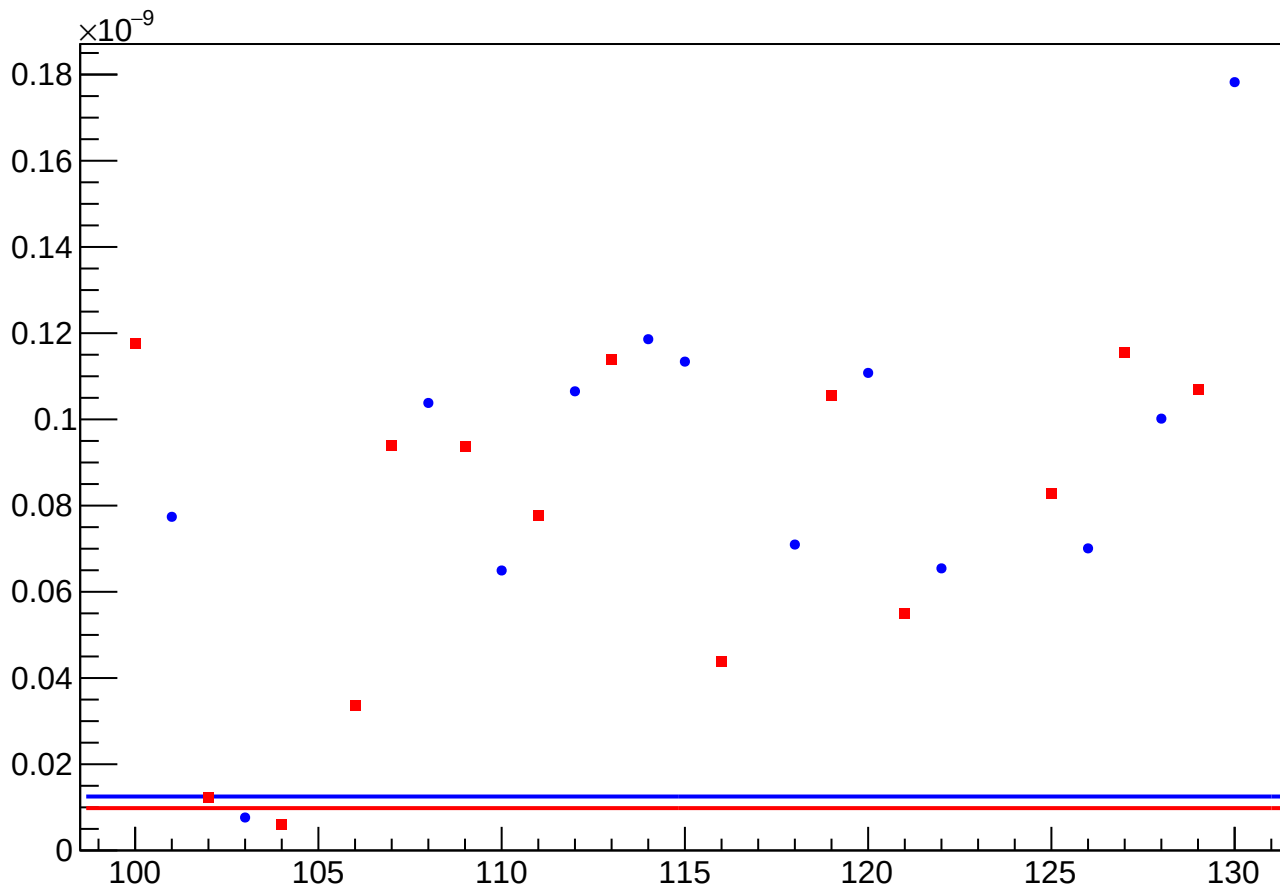
Right: 0.000+/-0.000 χ^2/NDF : 25.4/26

In: -0.000+/-0.000 χ^2/NDF : 9.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.4/26

asym_us_avg_atlr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4594191.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4486125.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

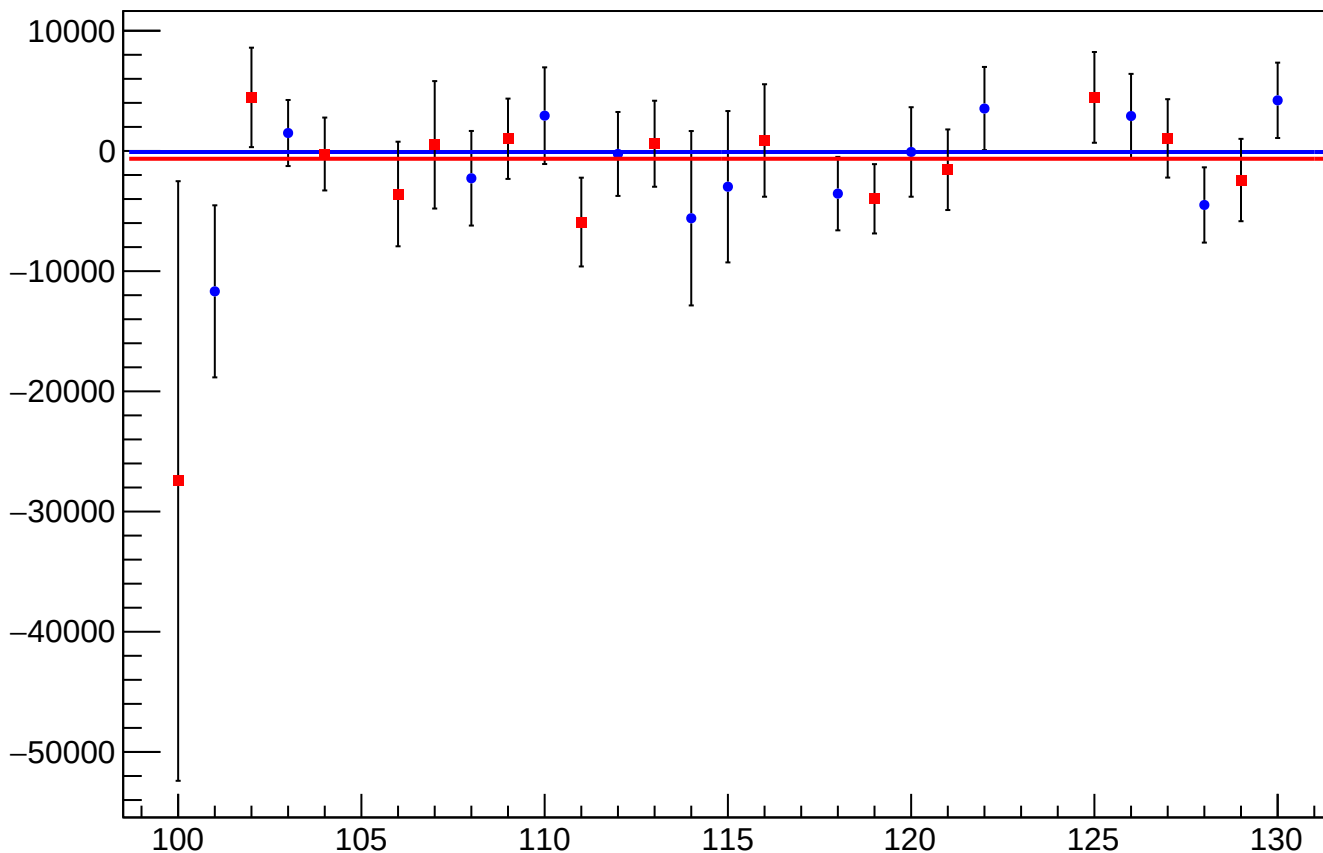
Right: 0.000+/-0.000 χ^2/NDF : 9134384.6/26

In: 0.000+/-0.000 χ^2/NDF : 4594191.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9134384.6/26

reg_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -87.106 $\pm$ 1024.698 χ^2 /NDF: 11.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -650.224 $\pm$ 998.733 χ^2 /NDF: 9.5/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

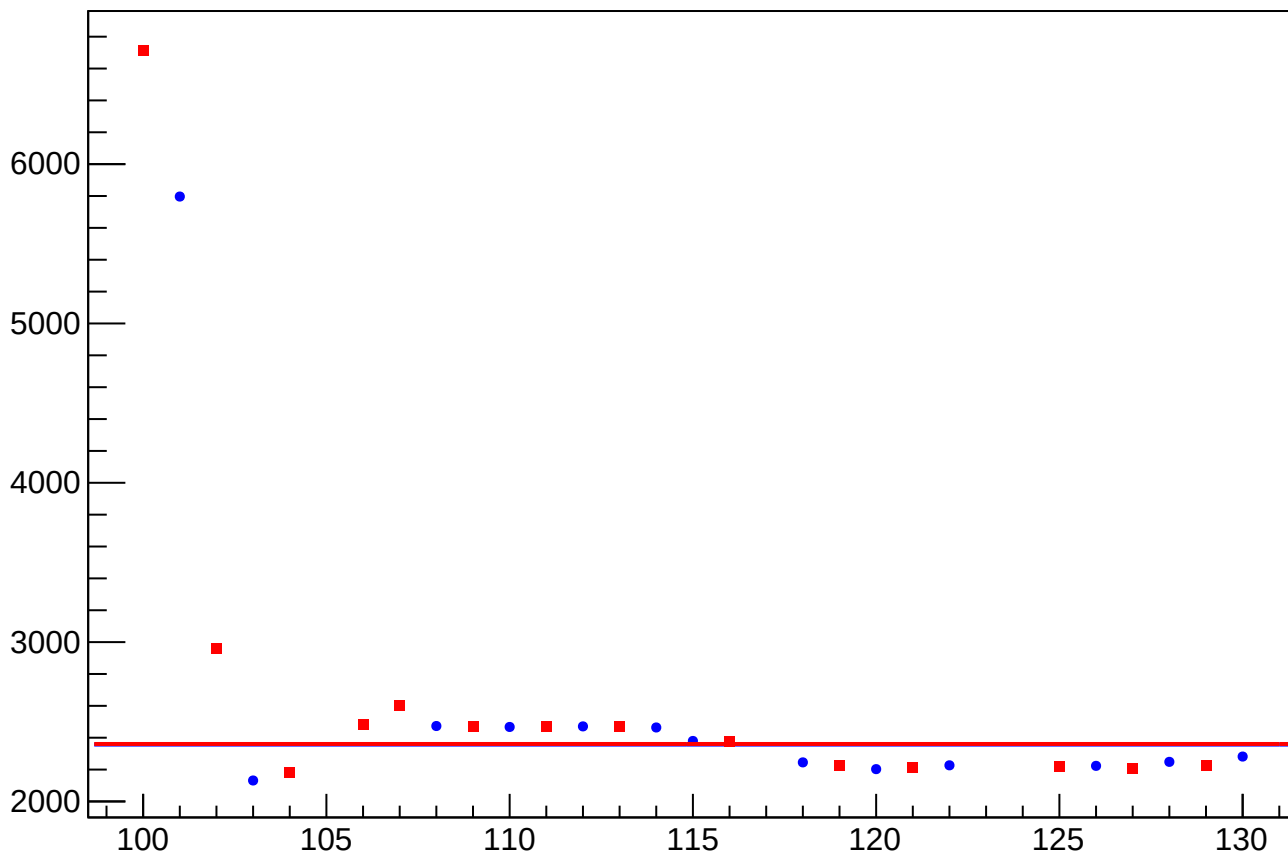
Right: -375.890 $\pm$ 715.214 χ^2 /NDF: 21.2/26

In: -87.106 $\pm$ 1024.698 χ^2 /NDF:11.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -375.890 $\pm$ 715.214 χ^2 /NDF: 21.2/26

reg_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2357.008+/-0.725 χ^2/NDF : 496554.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2360.643+/-0.706 χ^2/NDF : 139530.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

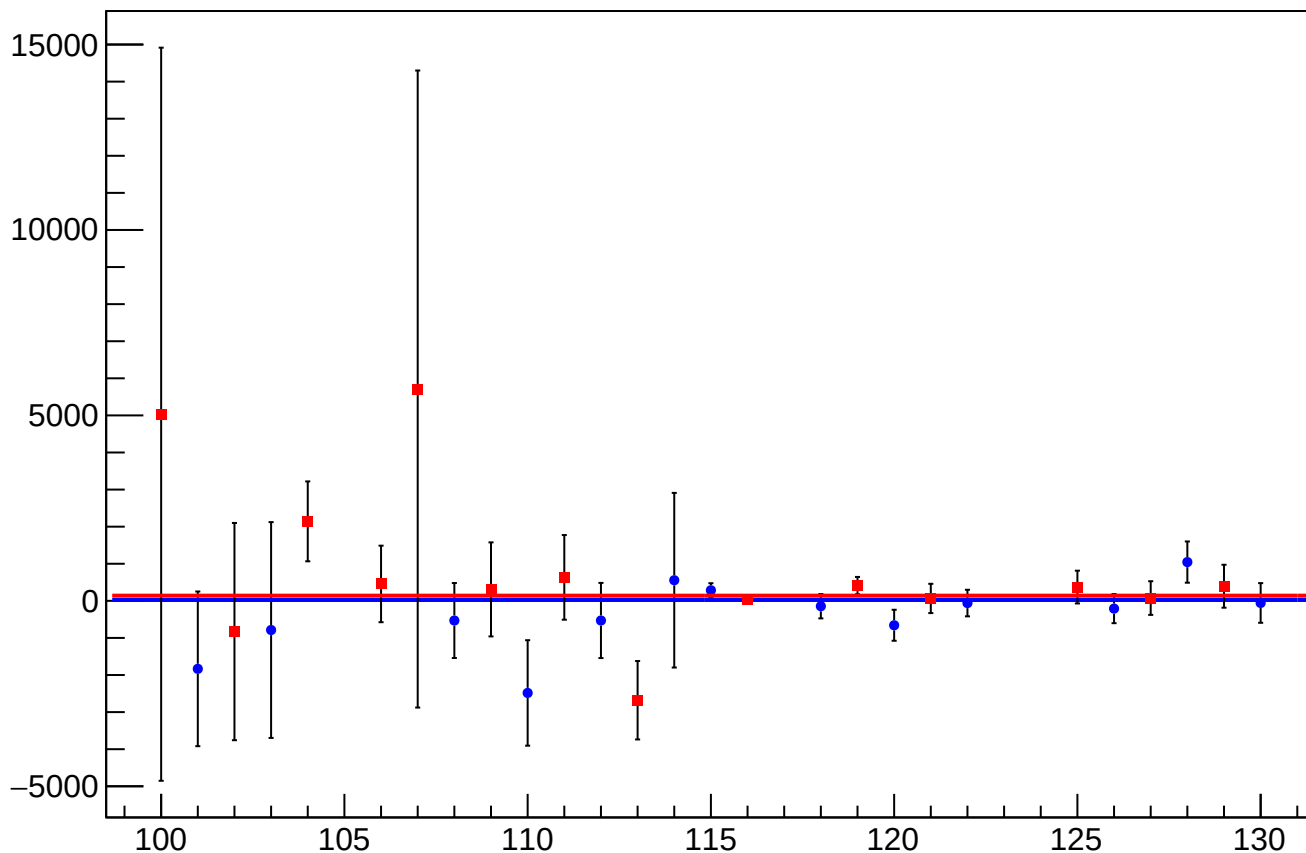
Right: 2358.872+/-0.506 χ^2/NDF : 636098.5/26

In: 2357.008+/-0.725 χ^2/NDF : 496554.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2358.872+/-0.506 χ^2/NDF : 636098.5/26

asym_us_dd_at1lr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 23.362+/-122.195 χ^2/NDF : 13.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.385+/-97.412 χ^2/NDF : 14.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

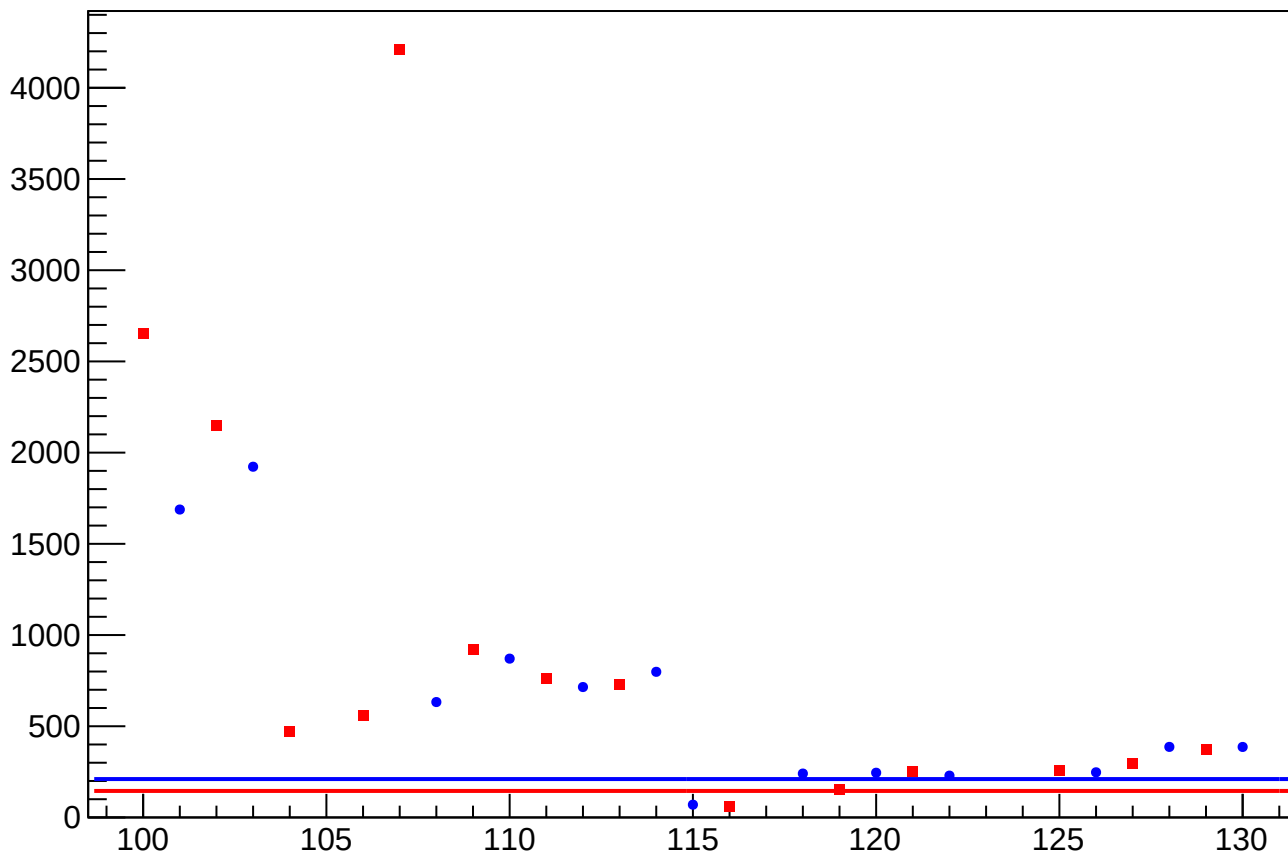
Right: 94.302+/-76.170 χ^2/NDF : 27.9/26

In: 23.362+/-122.195 χ^2/NDF : 13.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.302+/-76.170 χ^2/NDF : 27.9/26

asym_us_dd_at1lr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 210.478+/-0.086 χ^2/NDF : 4672484.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 145.364+/-0.069 χ^2/NDF : 5668644.3/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

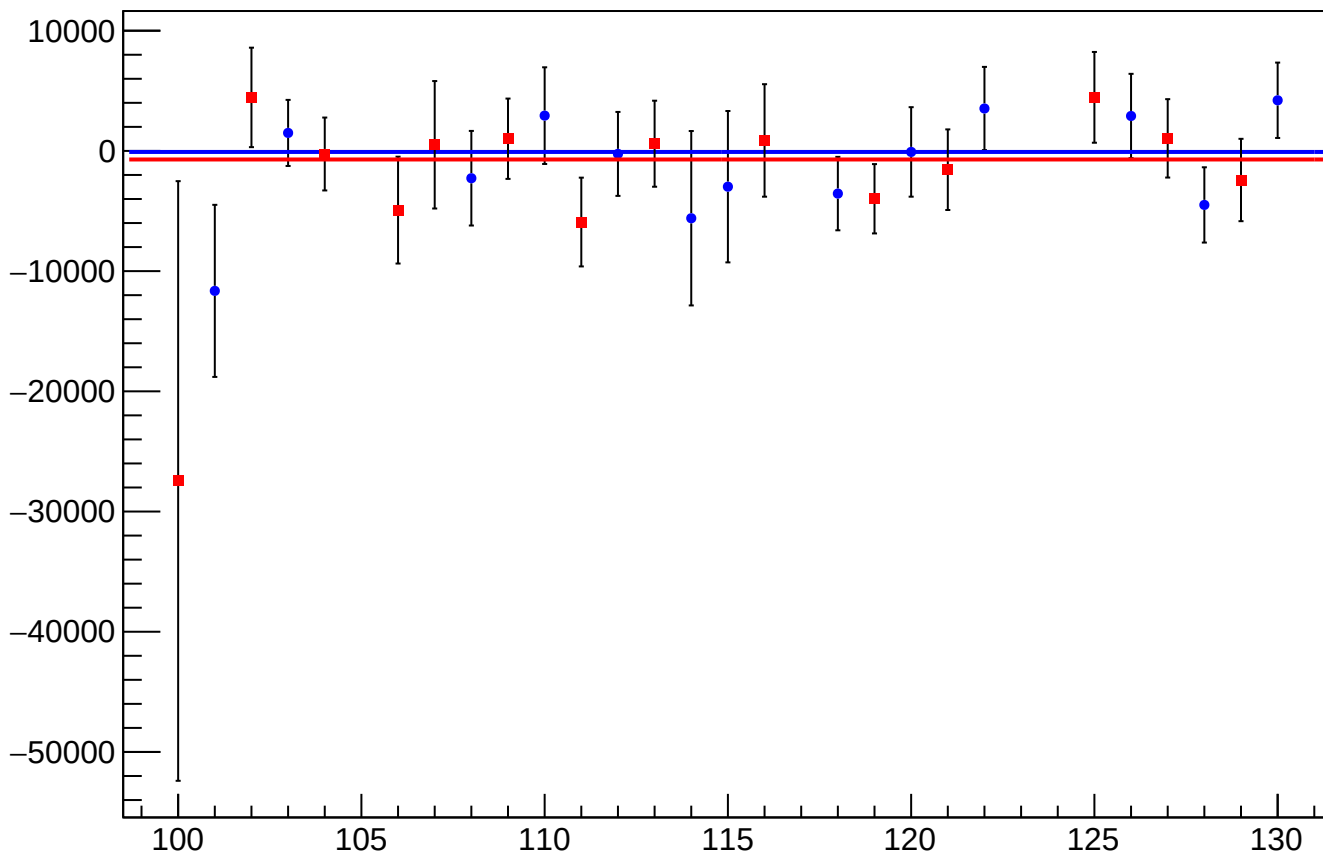
Right: 170.665+/-0.054 χ^2/NDF : 10688358.2/26

In: 210.478+/-0.086 χ^2/NDF :4672484.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 170.665+/-0.054 χ^2/NDF : 10688358.2/26

cor_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -85.764 $\pm$ 1024.698 χ^2 /NDF: 11.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -712.564 $\pm$ 999.827 χ^2 /NDF: 9.9/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

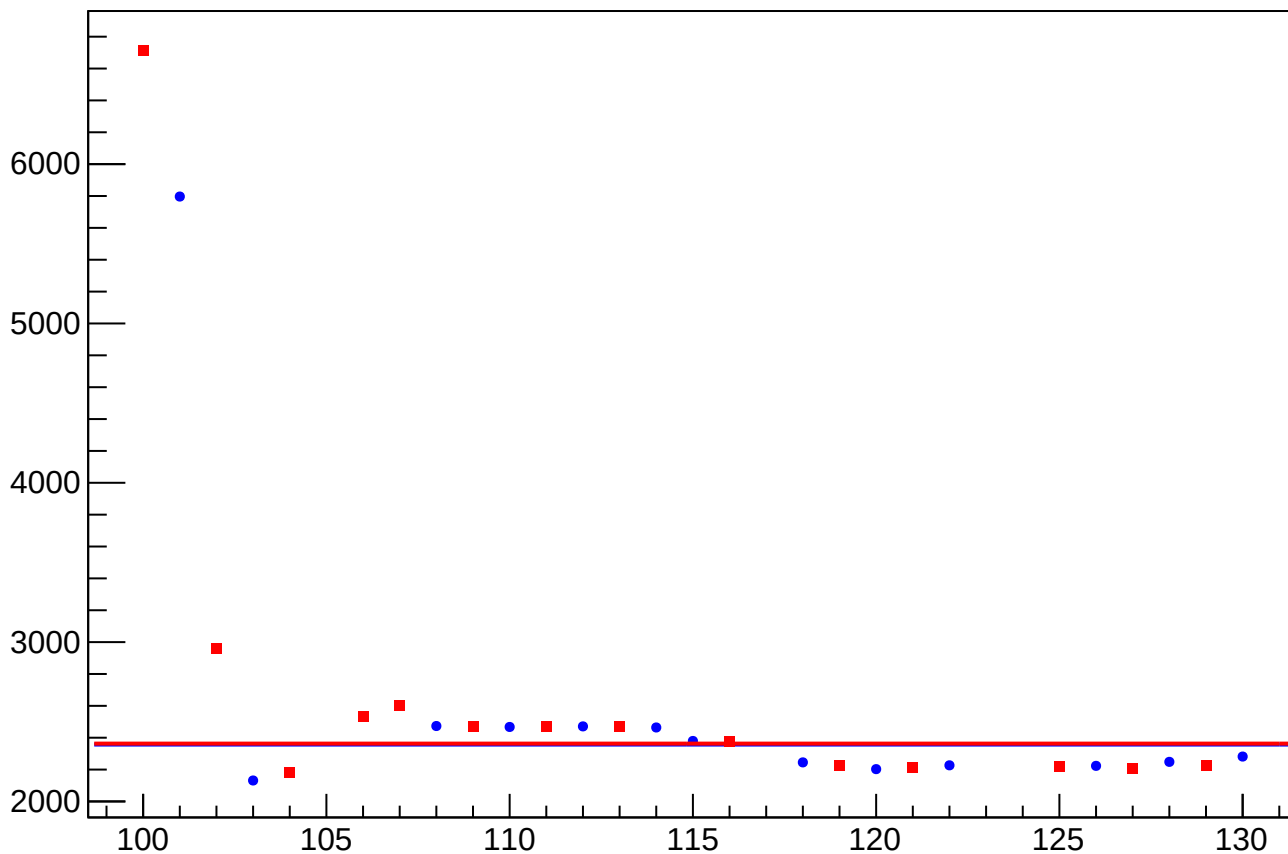
Right: -406.863 $\pm$ 715.616 χ^2 /NDF: 21.7/26

In: -85.764 $\pm$ 1024.698 χ^2 /NDF:11.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -406.863 $\pm$ 715.616 χ^2 /NDF: 21.7/26

cor_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2357.008+/-0.725 χ^2/NDF : 496555.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2362.940+/-0.707 χ^2/NDF : 140979.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

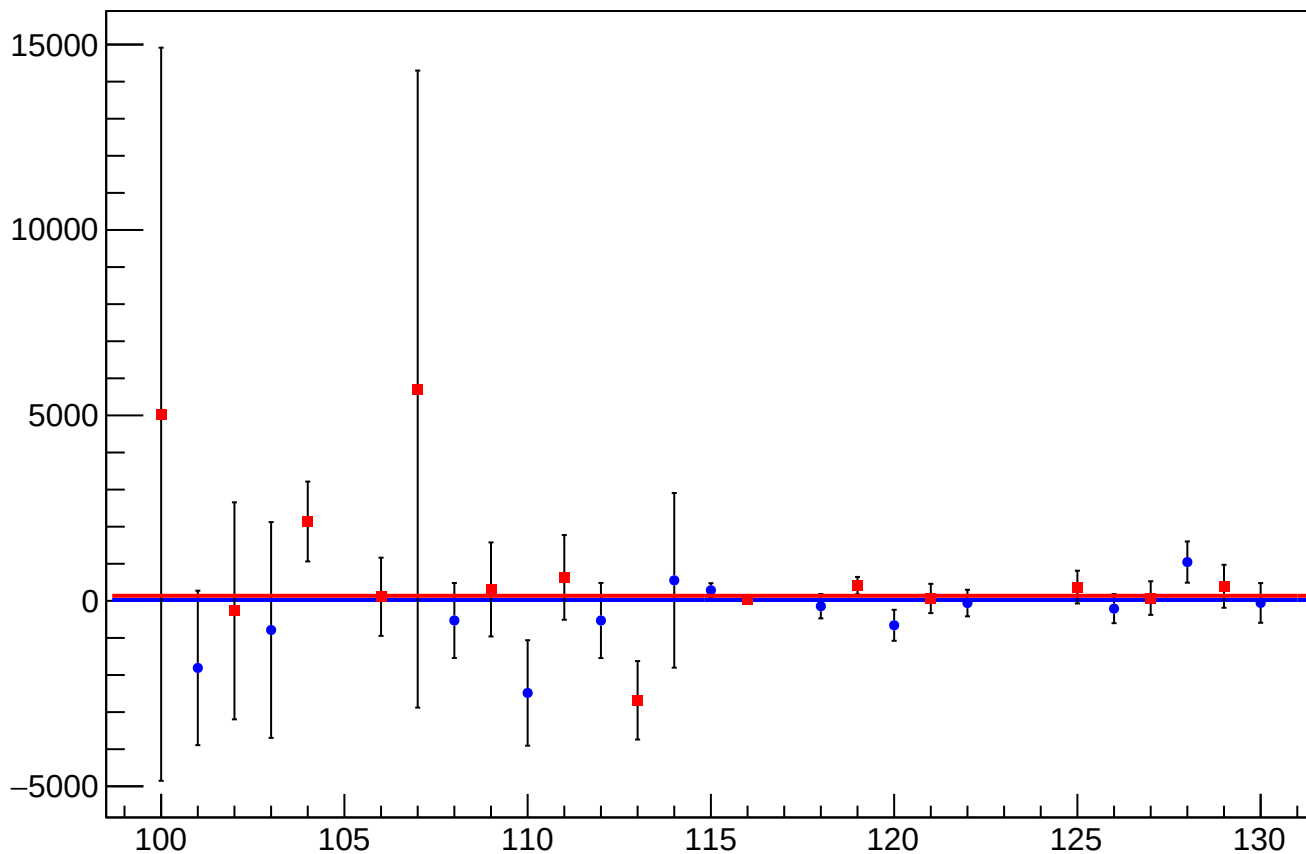
Right: 2360.047+/-0.506 χ^2/NDF : 637568.8/26

In: 2357.008+/-0.725 χ^2/NDF : 496555.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2360.047+/-0.506 χ^2/NDF : 637568.8/26

asym_us_dd_at1lr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 23.498+/-122.217 χ^2/NDF : 13.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.168+/-97.306 χ^2/NDF : 13.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

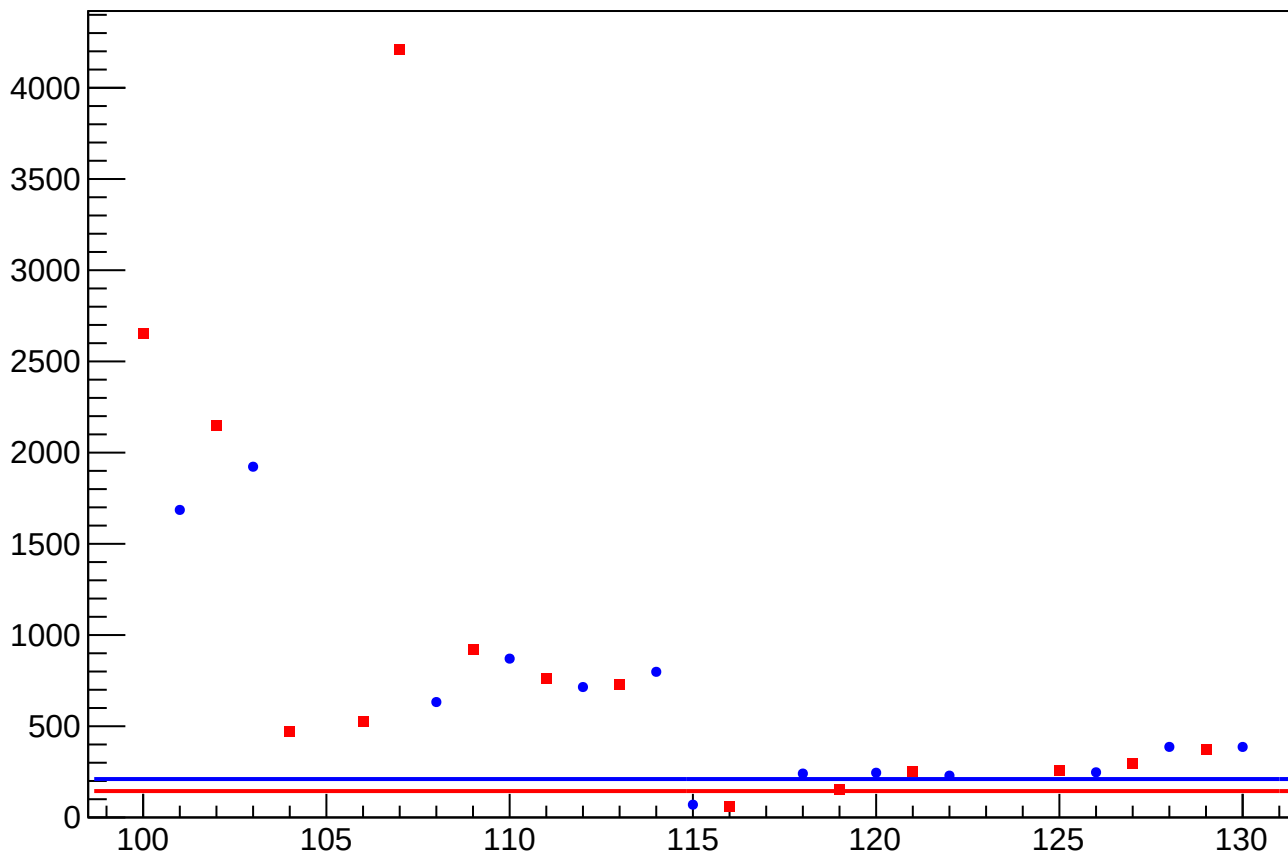
Right: 92.455+/-76.125 χ^2/NDF : 27.7/26

In: 23.498+/-122.217 χ^2/NDF : 13.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.455+/-76.125 χ^2/NDF : 27.7/26

asym_us_dd_at1lr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 210.544+/-0.086 χ^2/NDF : 4670917.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 144.602+/-0.069 χ^2/NDF : 5620029.6/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

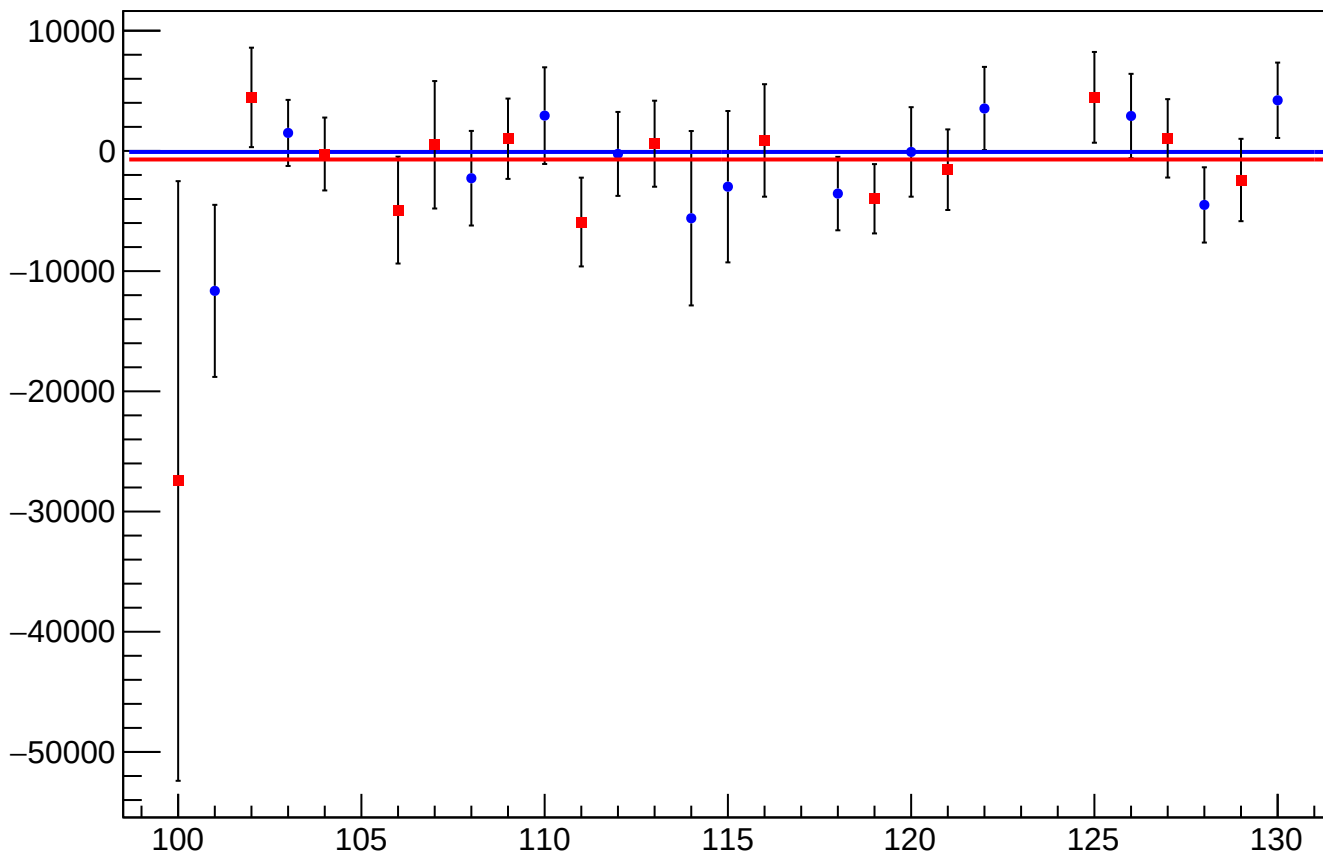
Right: 170.185+/-0.054 χ^2/NDF : 10647286.3/26

In: 210.544+/-0.086 χ^2/NDF :4670917.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 170.185+/-0.054 χ^2/NDF : 10647286.3/26

eigen_cor_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -85.764+/-1024.698 χ^2 /NDF: 11.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -712.564+/-999.827 χ^2 /NDF: 9.9/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

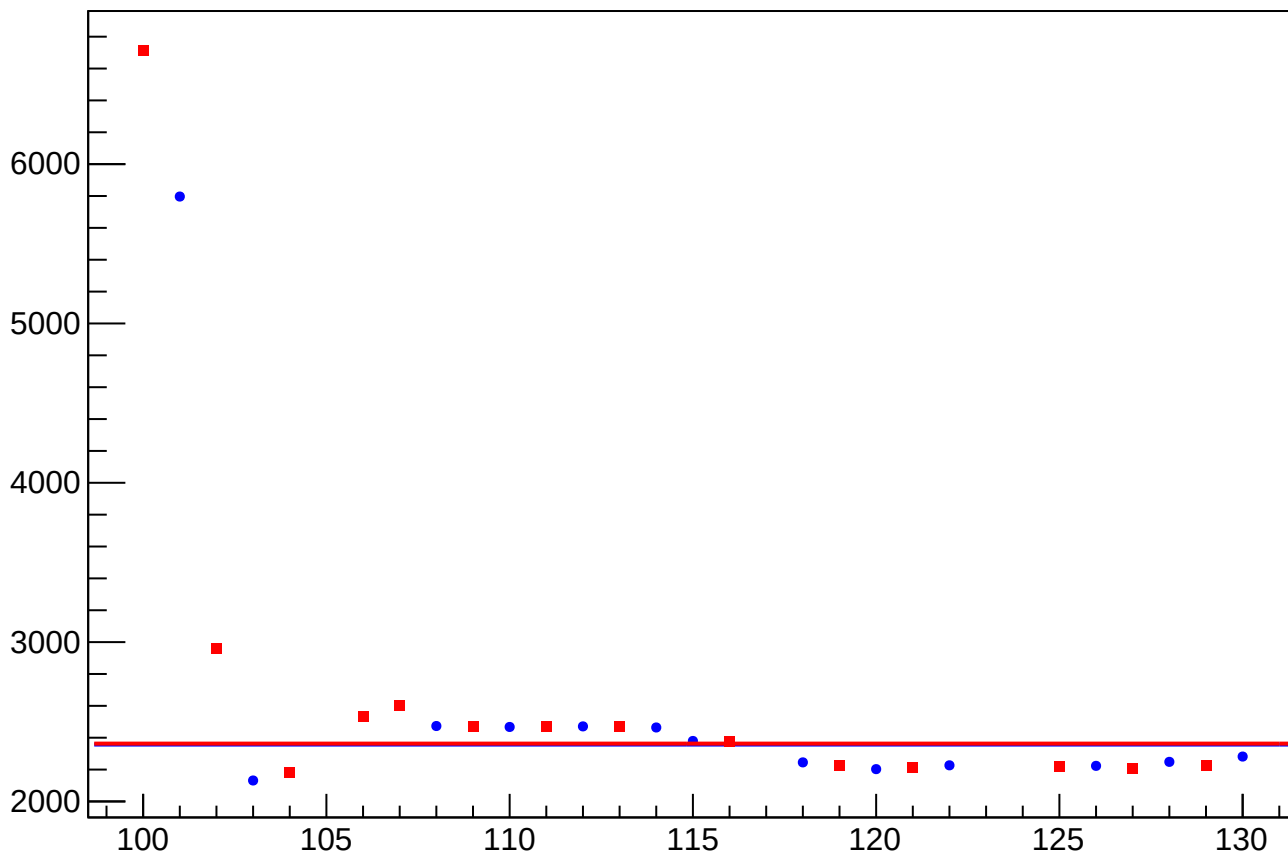
Right: -406.863+/-715.616 χ^2 /NDF: 21.7/26

In: -85.764+/-1024.698 χ^2 /NDF:11.6/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -406.863+/-715.616 χ^2 /NDF: 21.7/26

eigen_cor_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2357.008+/-0.725 χ^2/NDF : 496555.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2362.940+/-0.707 χ^2/NDF : 140979.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

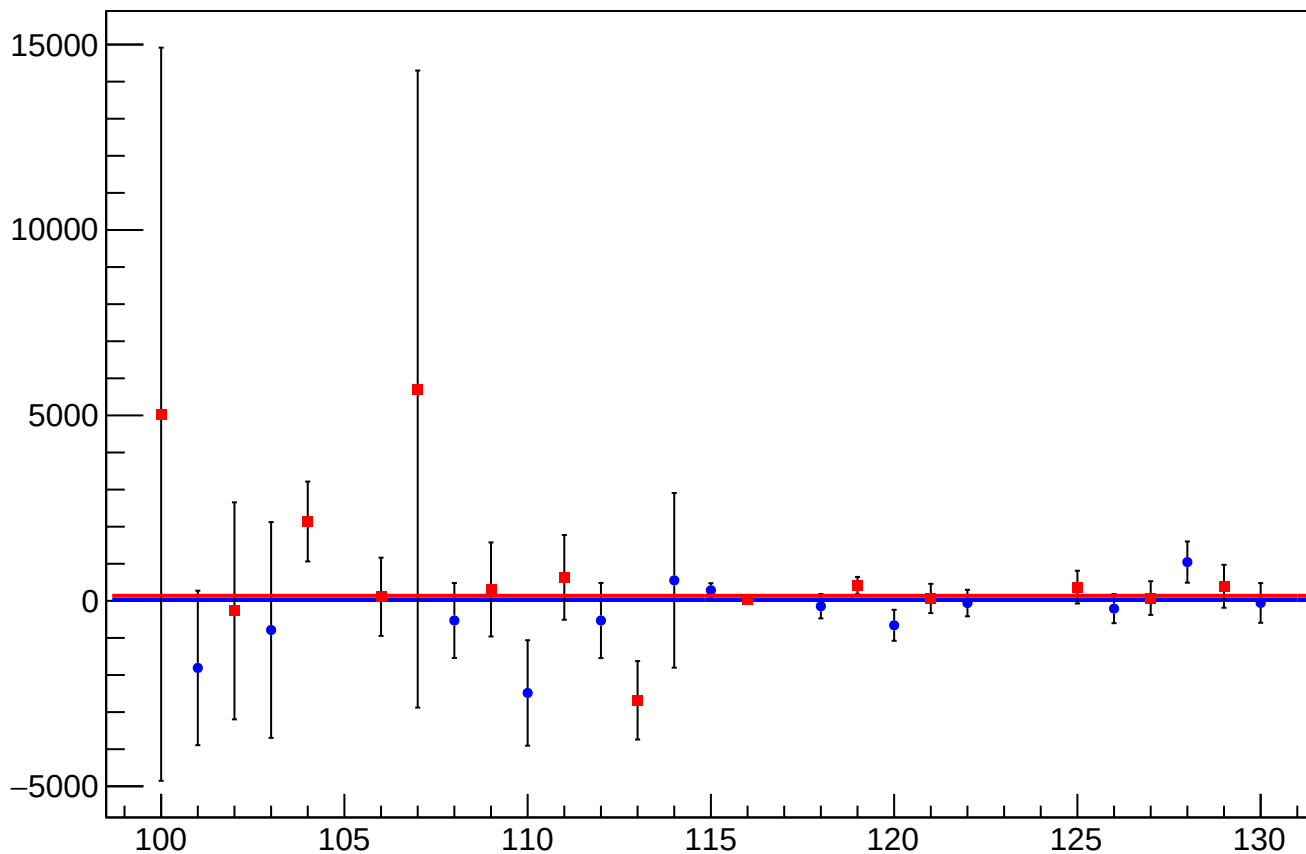
Right: 2360.047+/-0.506 χ^2/NDF : 637568.8/26

In: 2357.008+/-0.725 χ^2/NDF : 496555.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2360.047+/-0.506 χ^2/NDF : 637568.8/26

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 23.498+/-122.217 χ^2/NDF : 13.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.168+/-97.306 χ^2/NDF : 13.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

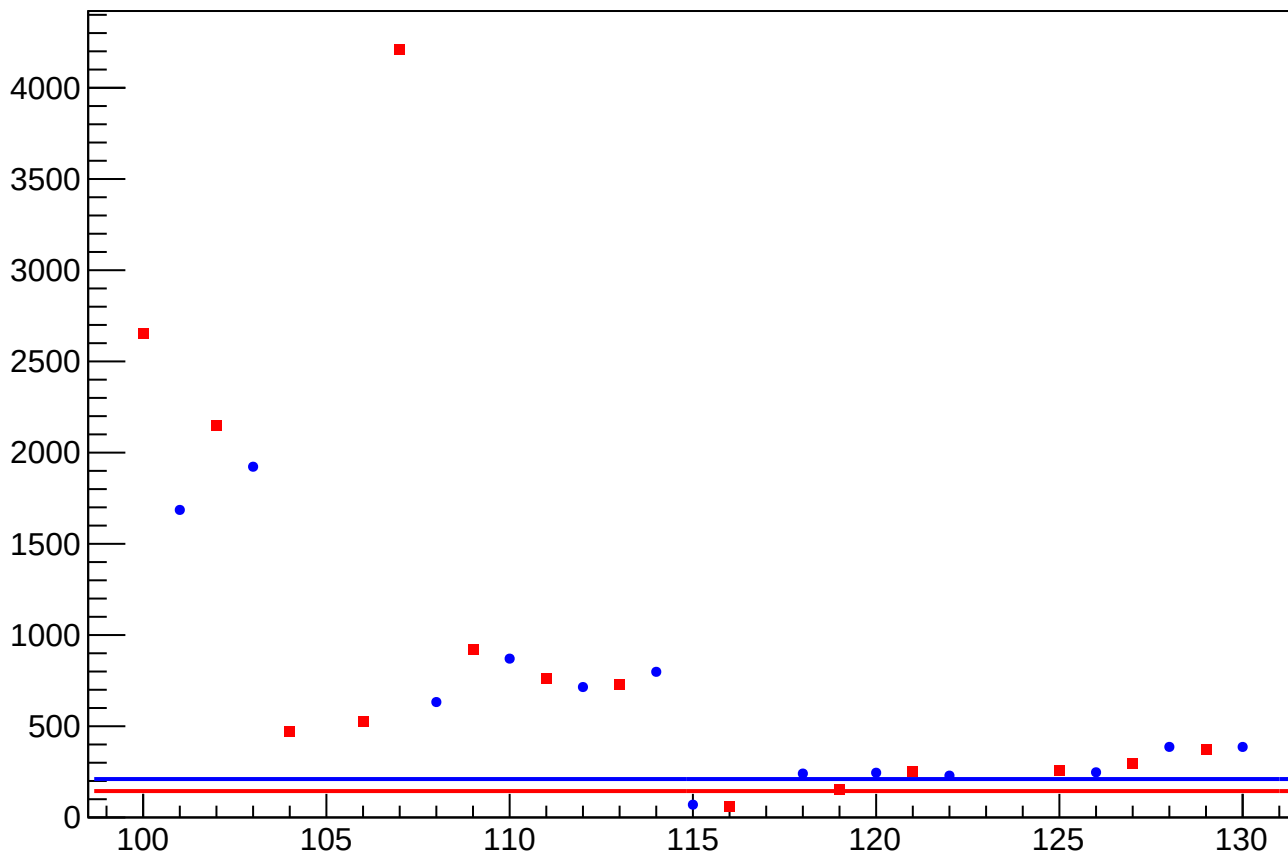
Right: 92.455+/-76.125 χ^2/NDF : 27.7/26

In: 23.498+/-122.217 χ^2/NDF : 13.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.455+/-76.125 χ^2/NDF : 27.7/26

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 210.544+/-0.086 χ^2/NDF : 4670917.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.602+/-0.069 χ^2/NDF : 5620029.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

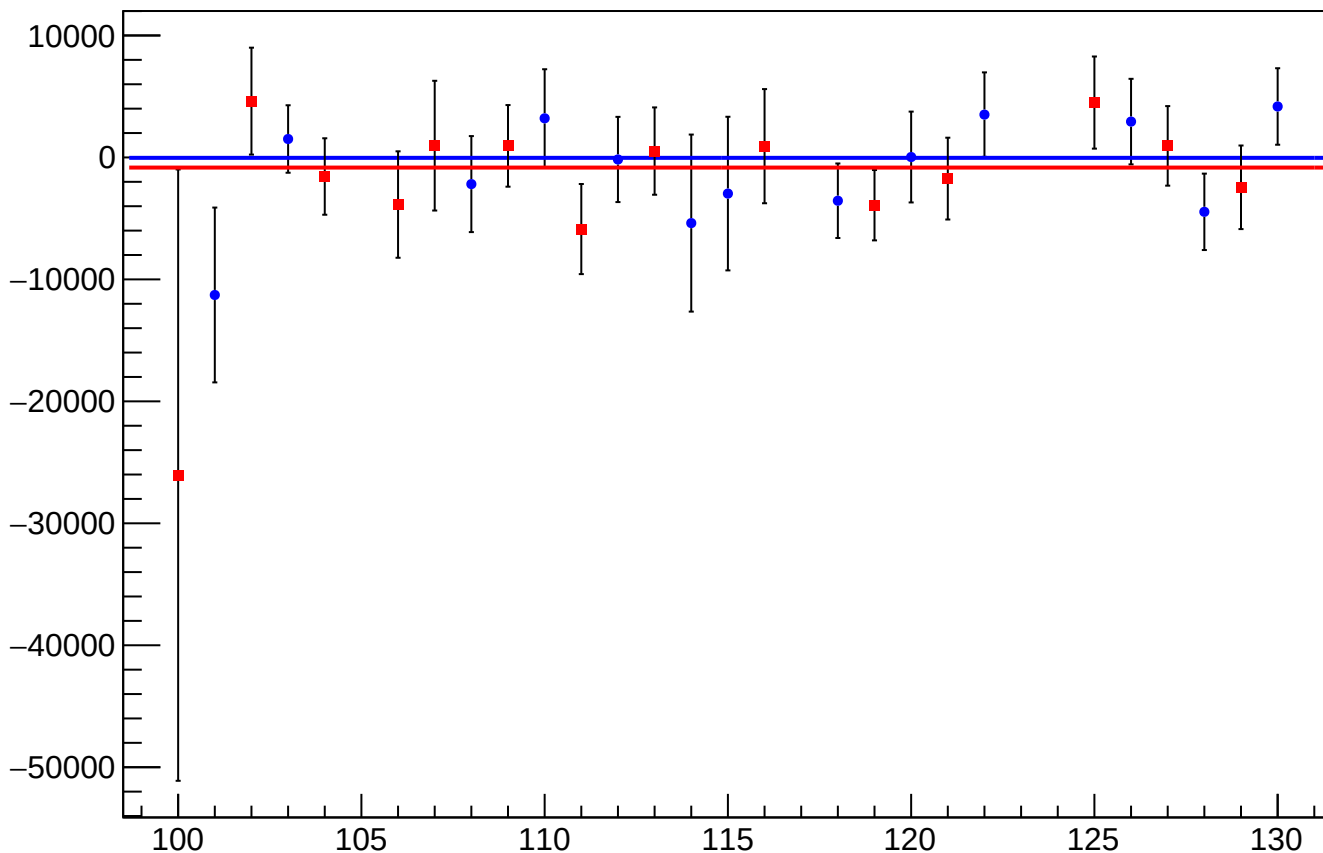
Right: 170.185+/-0.054 χ^2/NDF : 10647286.3/26

In: 210.544+/-0.086 χ^2/NDF : 4670917.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.185+/-0.054 χ^2/NDF : 10647286.3/26

dit_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -33.585 $\pm$ 1025.986 χ^2 /NDF: 11.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -831.397 $\pm$ 1006.145 χ^2 /NDF: 9.4/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

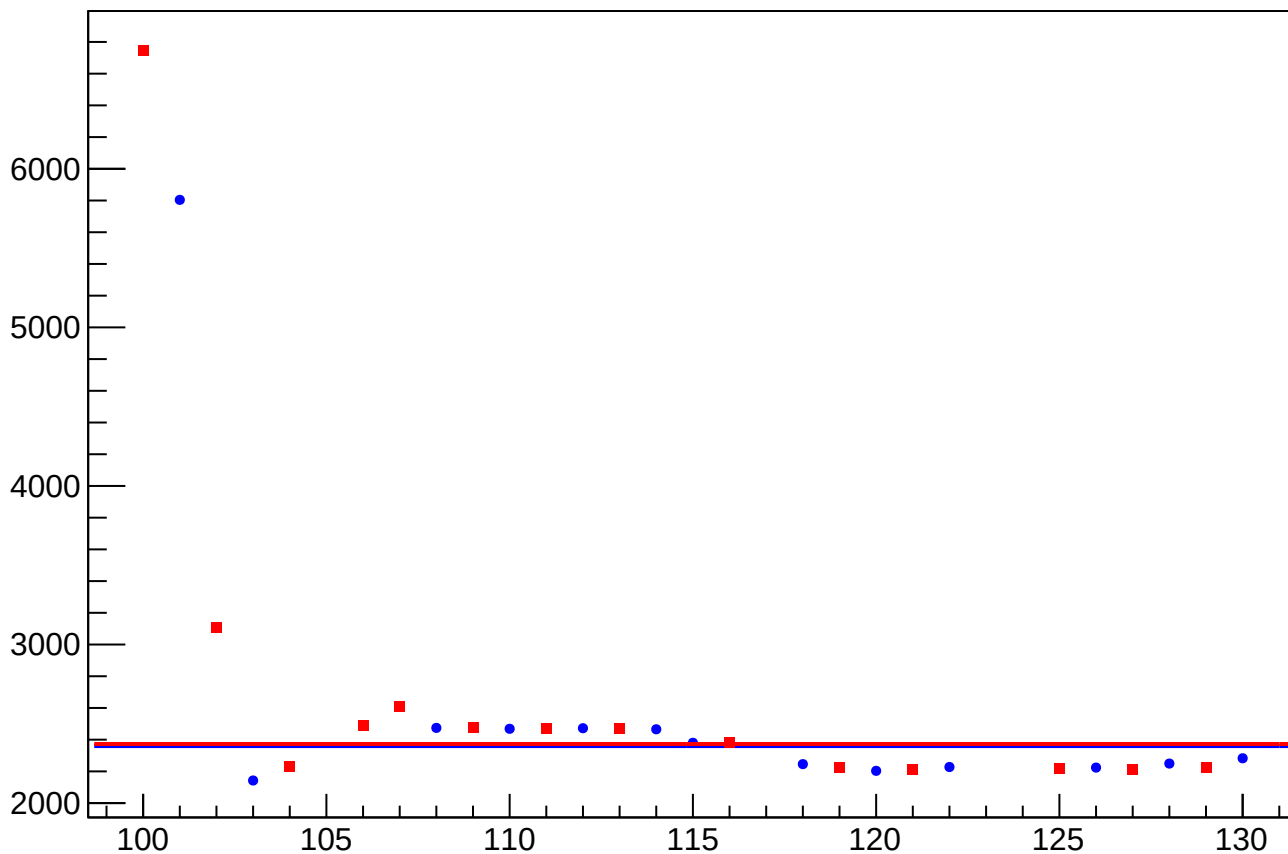
Right: -440.280 $\pm$ 718.364 χ^2 /NDF: 21.0/26

In: -33.585 $\pm$ 1025.986 χ^2 /NDF:11.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -440.280 $\pm$ 718.364 χ^2 /NDF: 21.0/26

dit_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2359.675+/-0.725 χ^2/NDF : 495813.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2372.645+/-0.711 χ^2/NDF : 153365.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

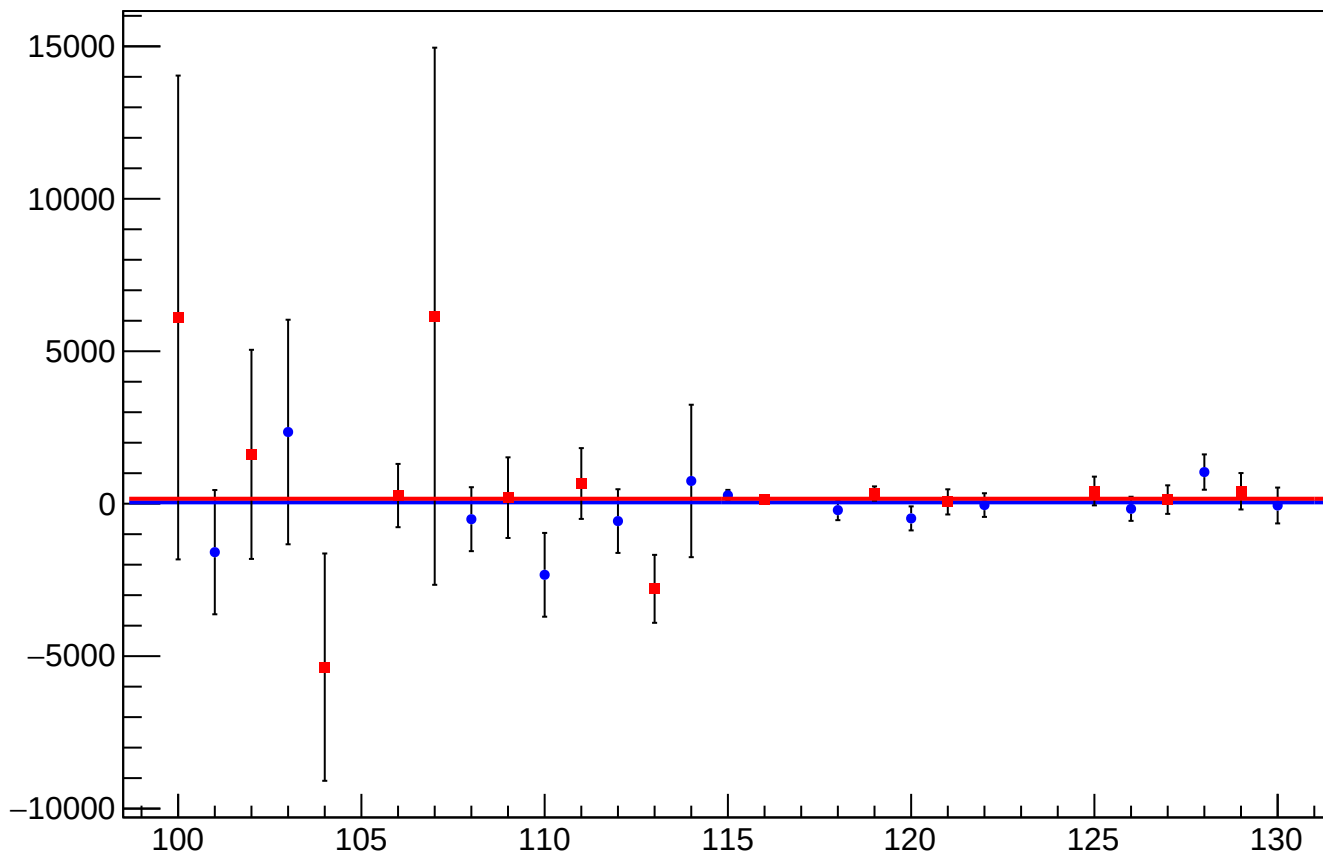
Right: 2366.287+/-0.508 χ^2/NDF : 649342.4/26

In: 2359.675+/-0.725 χ^2/NDF : 495813.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2366.287+/-0.508 χ^2/NDF : 649342.4/26

asym_us_dd_at1lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 43.789+/-119.985 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 162.823+/-101.228 χ^2/NDF : 11.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

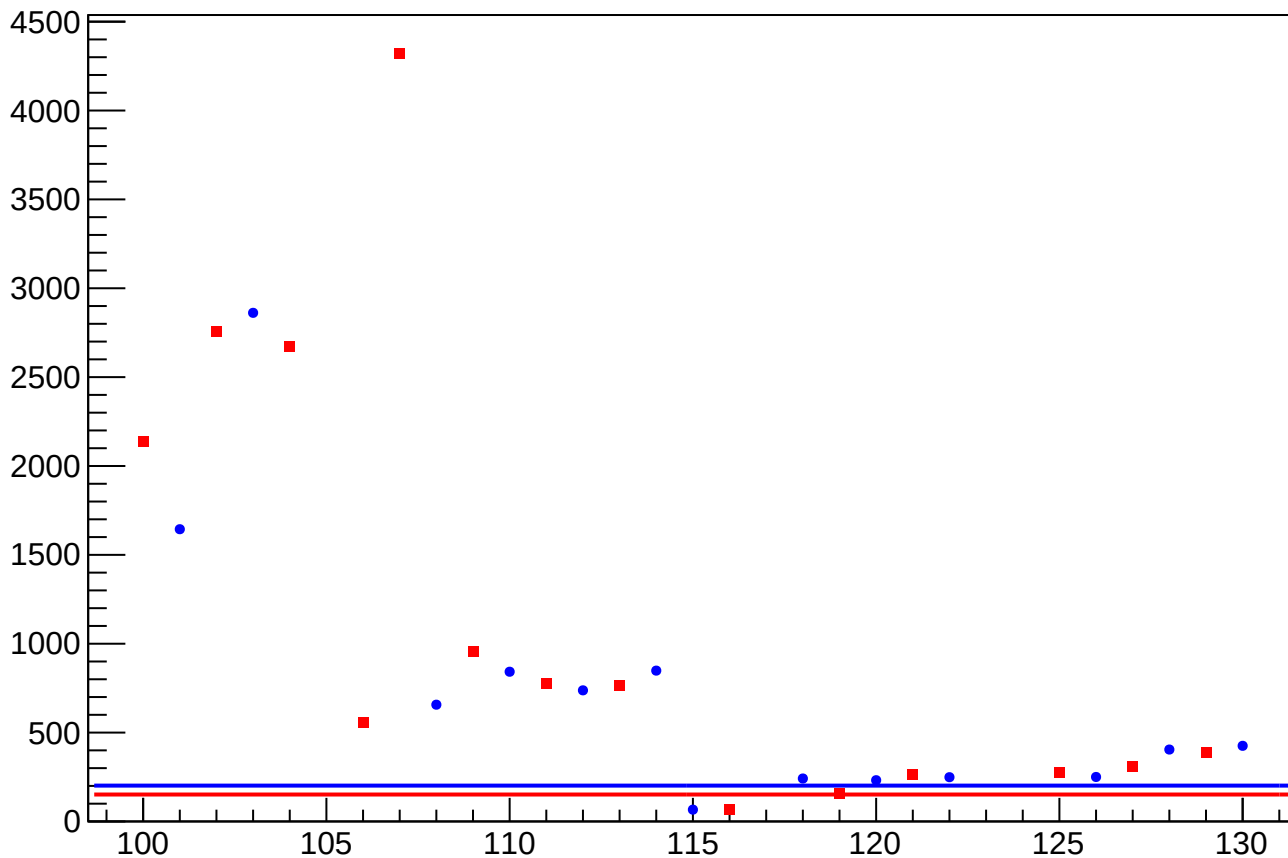
Right: 113.327+/-77.371 χ^2/NDF : 24.5/26

In: 43.789+/-119.985 χ^2/NDF : 12.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.327+/-77.371 χ^2/NDF : 24.5/26

asym_us_dd_at1lr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 201.690+/-0.085 χ^2/NDF : 5327163.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.549+/-0.072 χ^2/NDF : 6547999.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

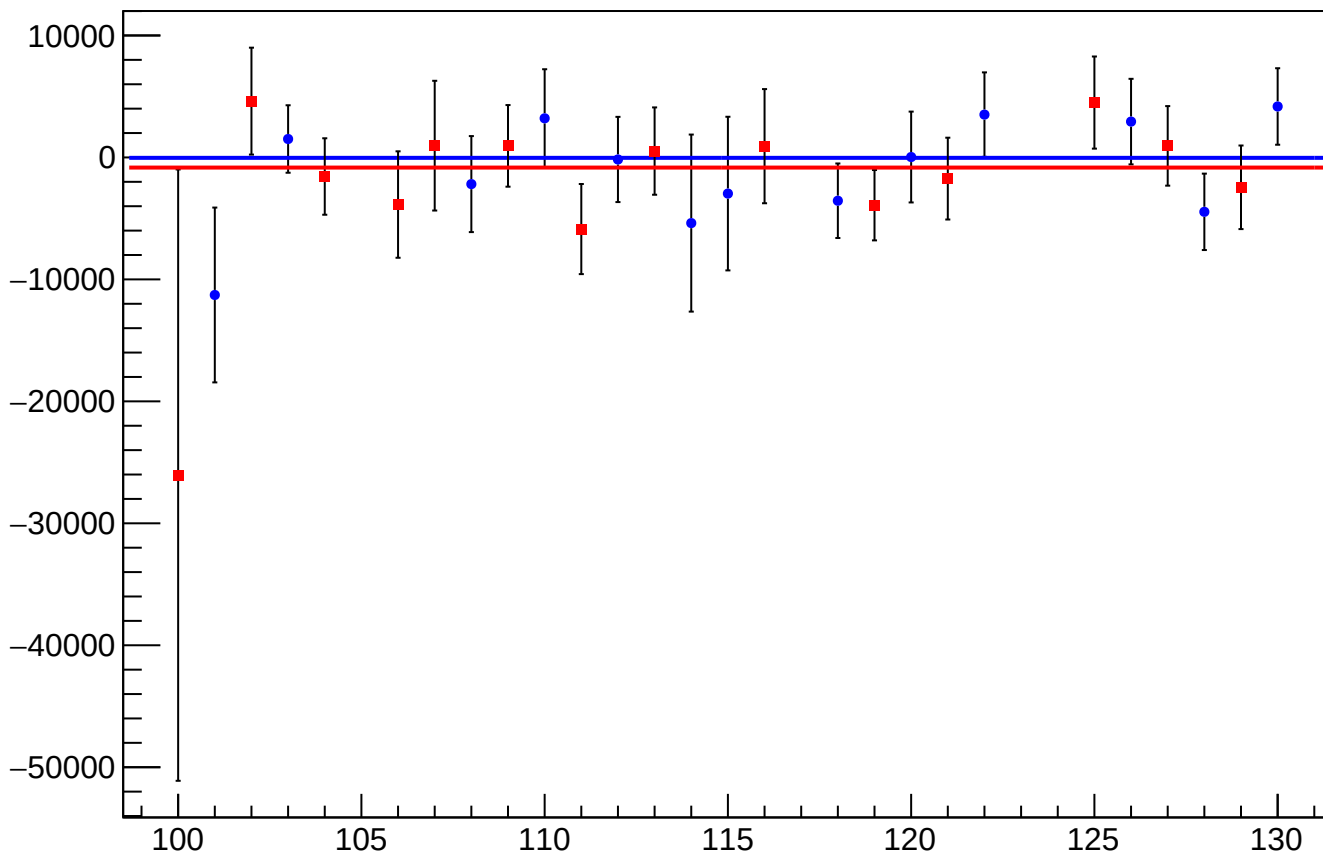
Right: 172.398+/-0.055 χ^2/NDF : 12079204.7/26

In: 201.690+/-0.085 χ^2/NDF : 5327163.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.398+/-0.055 χ^2/NDF : 12079204.7/26

eigen_dit_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -33.588+/-1025.986 χ^2/NDF : 11.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -831.400+/-1006.145 χ^2/NDF : 9.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

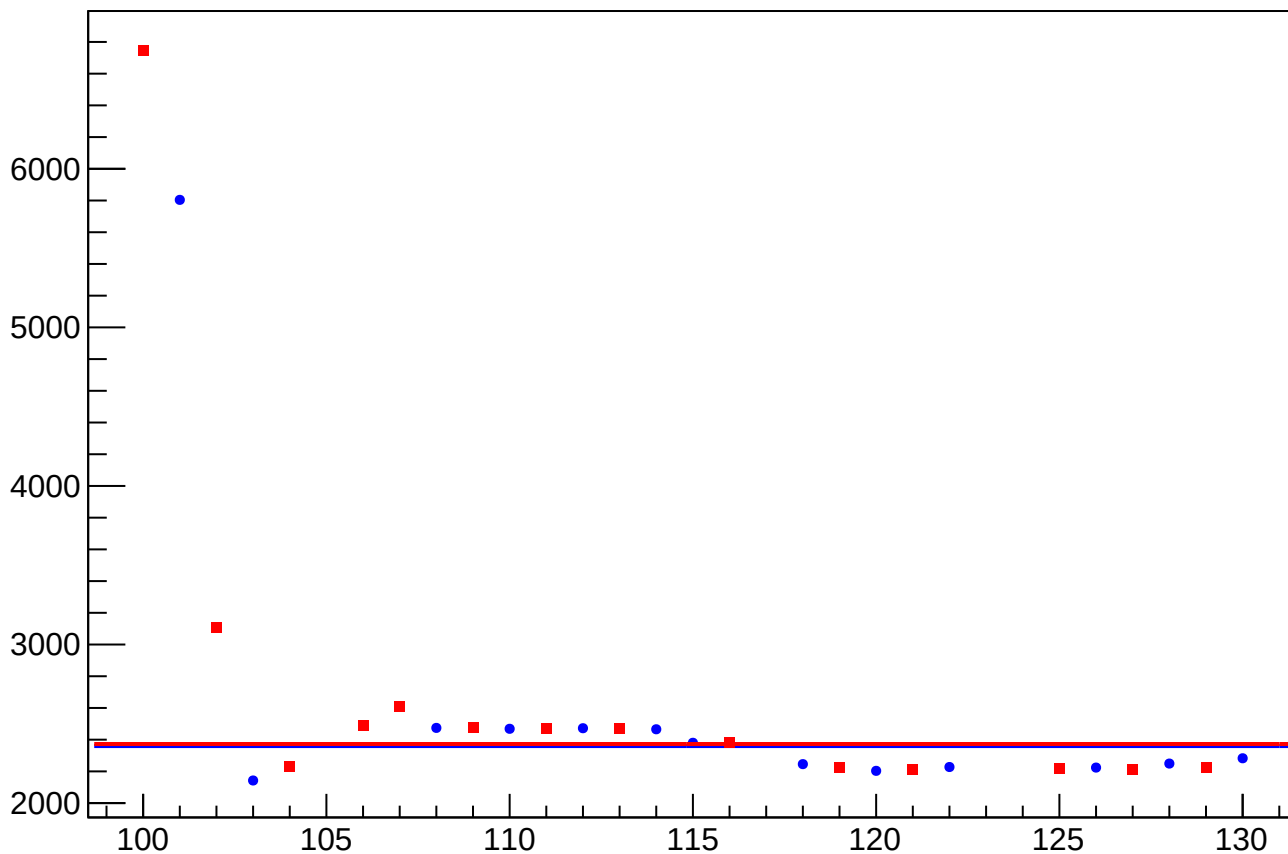
Right: -440.283+/-718.364 χ^2/NDF : 21.0/26

In: -33.588+/-1025.986 χ^2/NDF : 11.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -440.283+/-718.364 χ^2/NDF : 21.0/26

eigen_dit_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2359.675+/-0.725 χ^2/NDF : 495813.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2372.645+/-0.711 χ^2/NDF : 153365.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

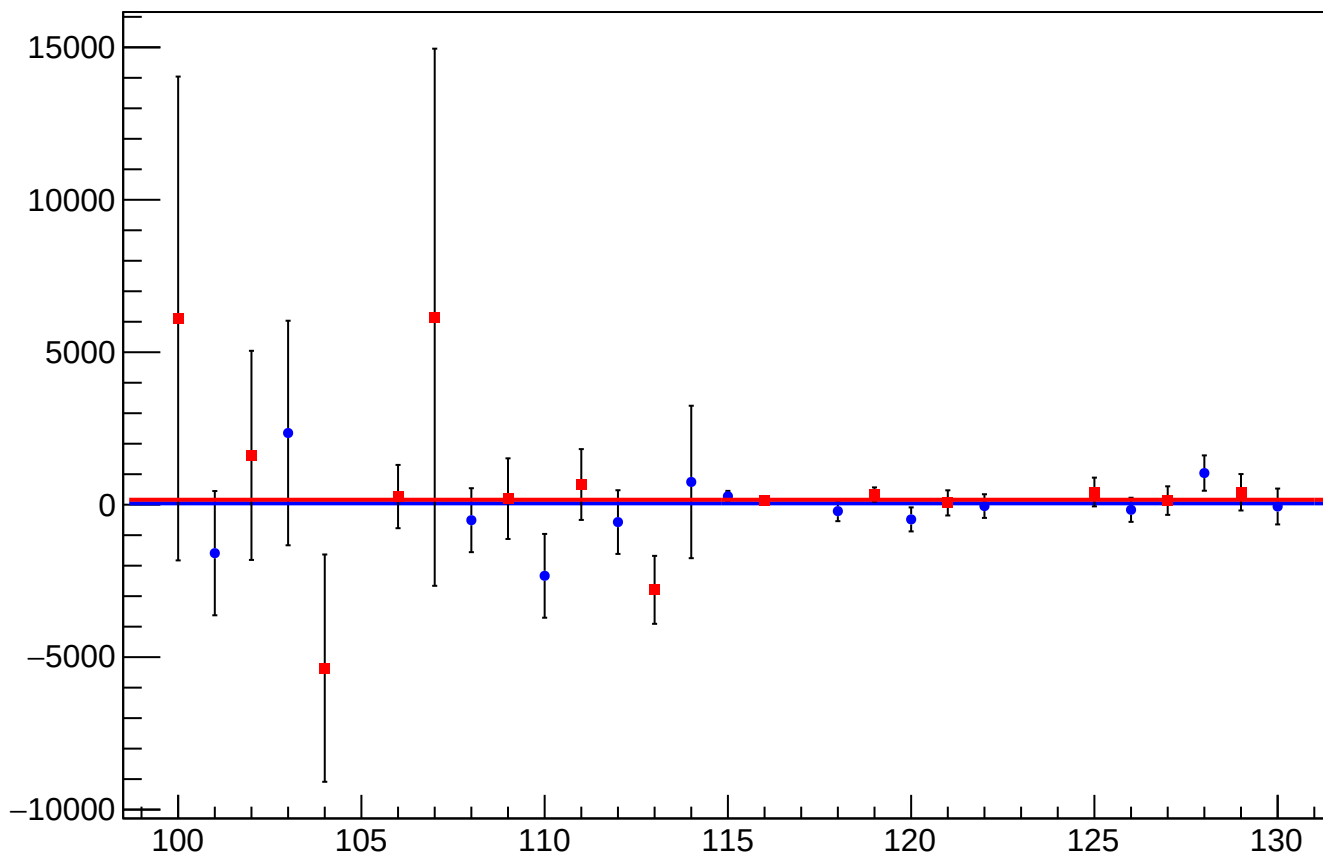
Right: 2366.287+/-0.508 χ^2/NDF : 649342.3/26

In: 2359.675+/-0.725 χ^2/NDF : 495813.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2366.287+/-0.508 χ^2/NDF : 649342.3/26

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 43.789+/-119.983 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 162.822+/-101.227 χ^2/NDF : 11.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

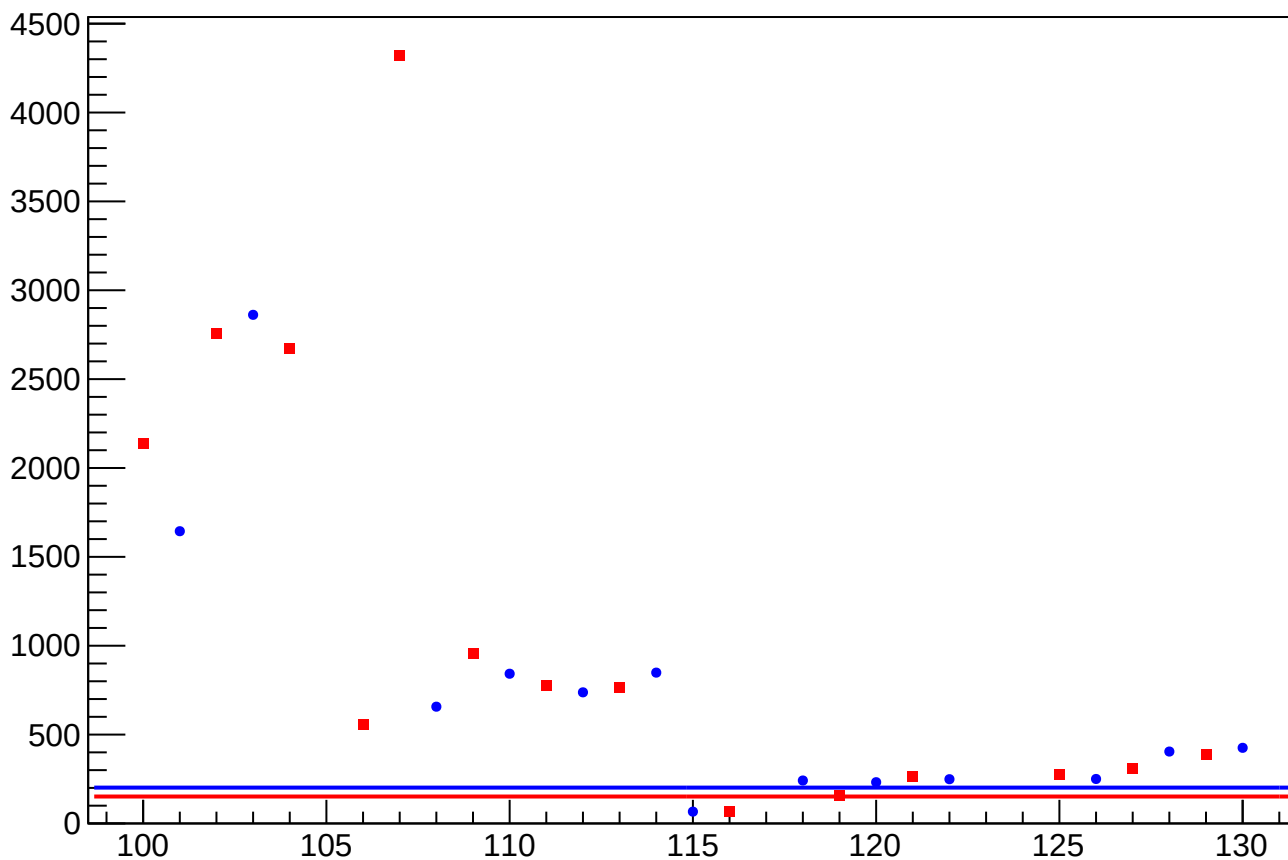
Right: 113.326+/-77.370 χ^2/NDF : 24.5/26

In: 43.789+/-119.983 χ^2/NDF : 12.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.326+/-77.370 χ^2/NDF : 24.5/26

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 201.686+/-0.085 χ^2/NDF : 5327222.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.546+/-0.072 χ^2/NDF : 6548051.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

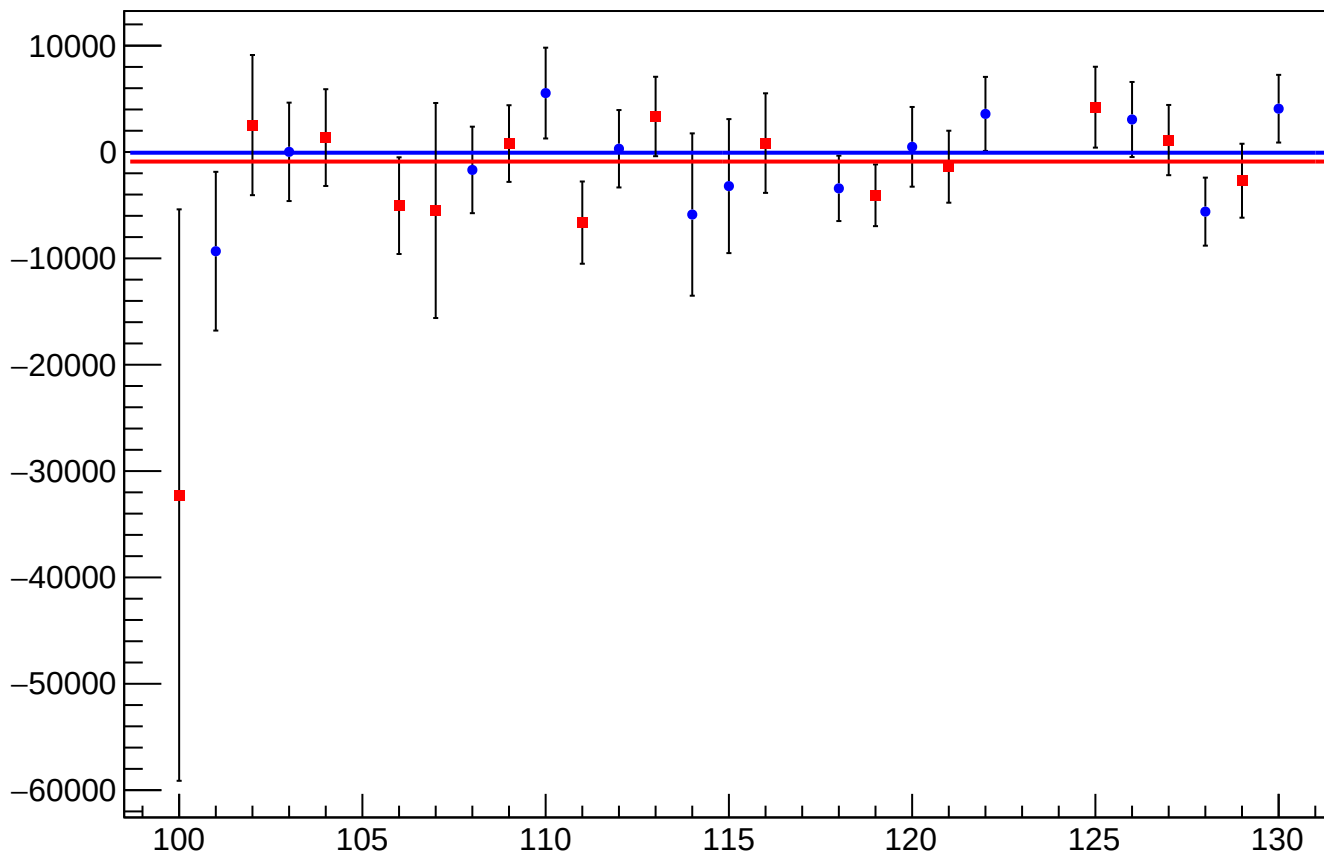
Right: 172.395+/-0.055 χ^2/NDF : 12079312.2/26

In: 201.686+/-0.085 χ^2/NDF : 5327222.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.395+/-0.055 χ^2/NDF : 12079312.2/26

asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -65.895 ± 1094.821 χ^2/NDF : 12.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -897.839 ± 1089.908 χ^2/NDF : 10.4/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

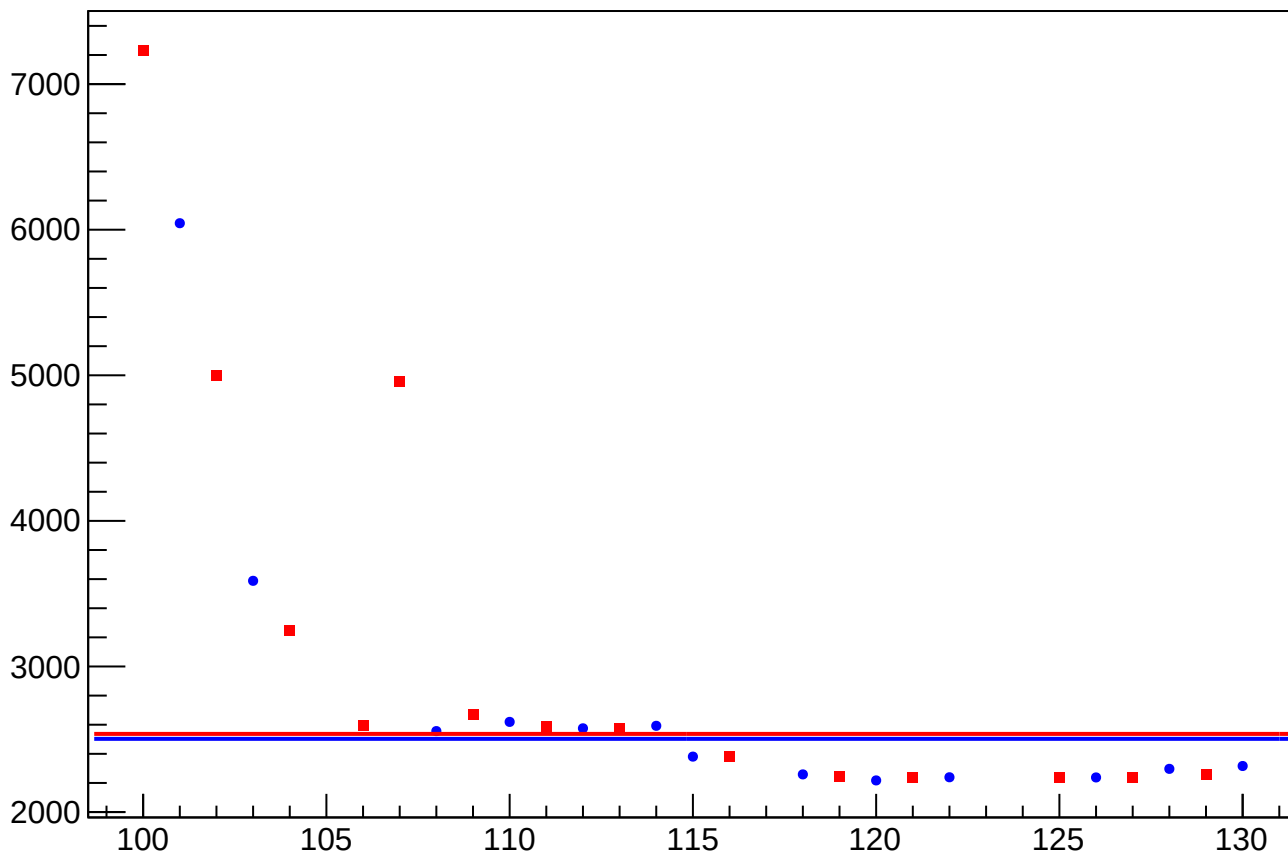
Right: -483.738 ± 772.413 χ^2/NDF : 22.8/26

In: -65.895 ± 1094.821 χ^2/NDF : 12.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -483.738 ± 772.413 χ^2/NDF : 22.8/26

asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2502.968+/-0.774 χ^2/NDF : 626384.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2536.911+/-0.771 χ^2/NDF : 588020.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

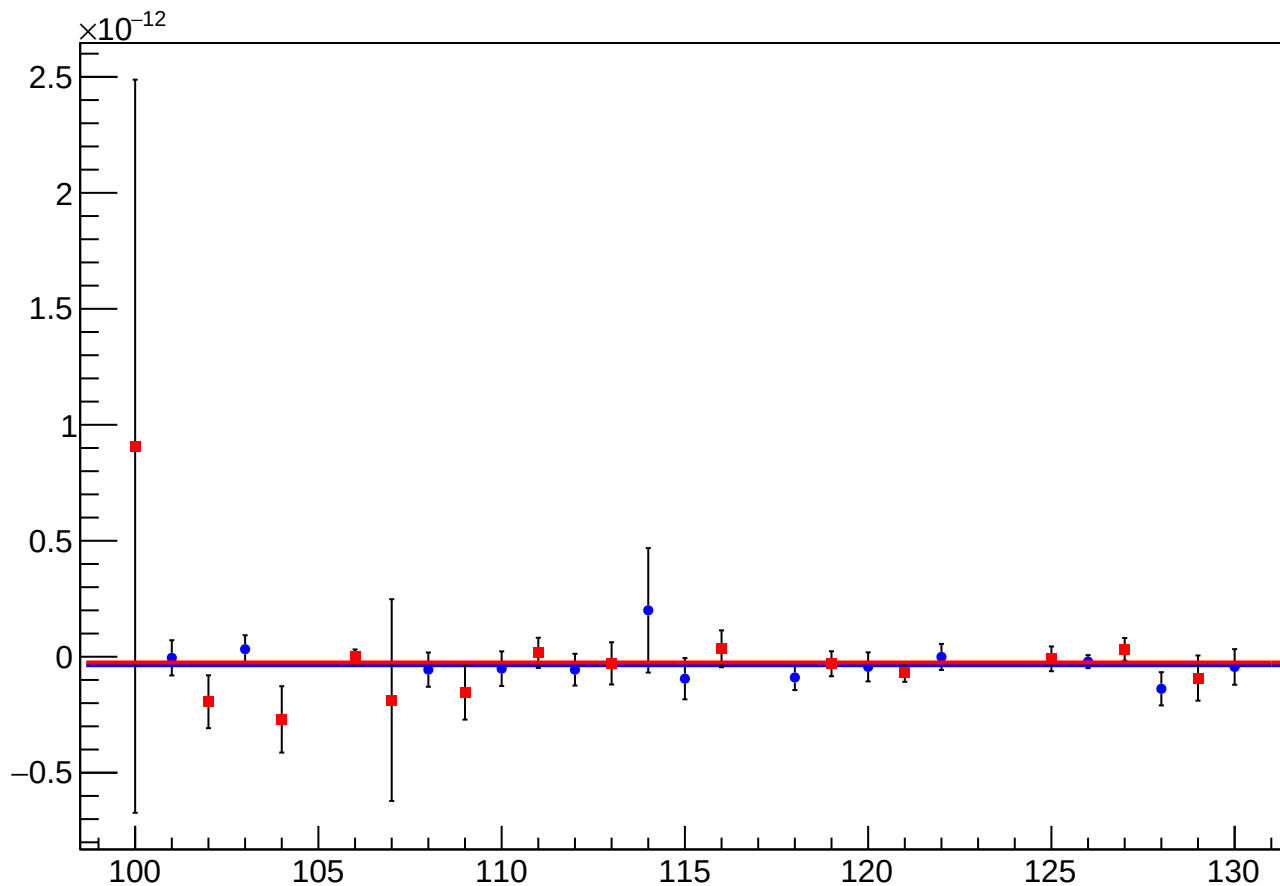
Right: 2520.016+/-0.546 χ^2/NDF : 1215370.9/26

In: 2502.968+/-0.774 χ^2/NDF : 626384.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2520.016+/-0.546 χ^2/NDF : 1215370.9/26

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 6.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 11.7/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

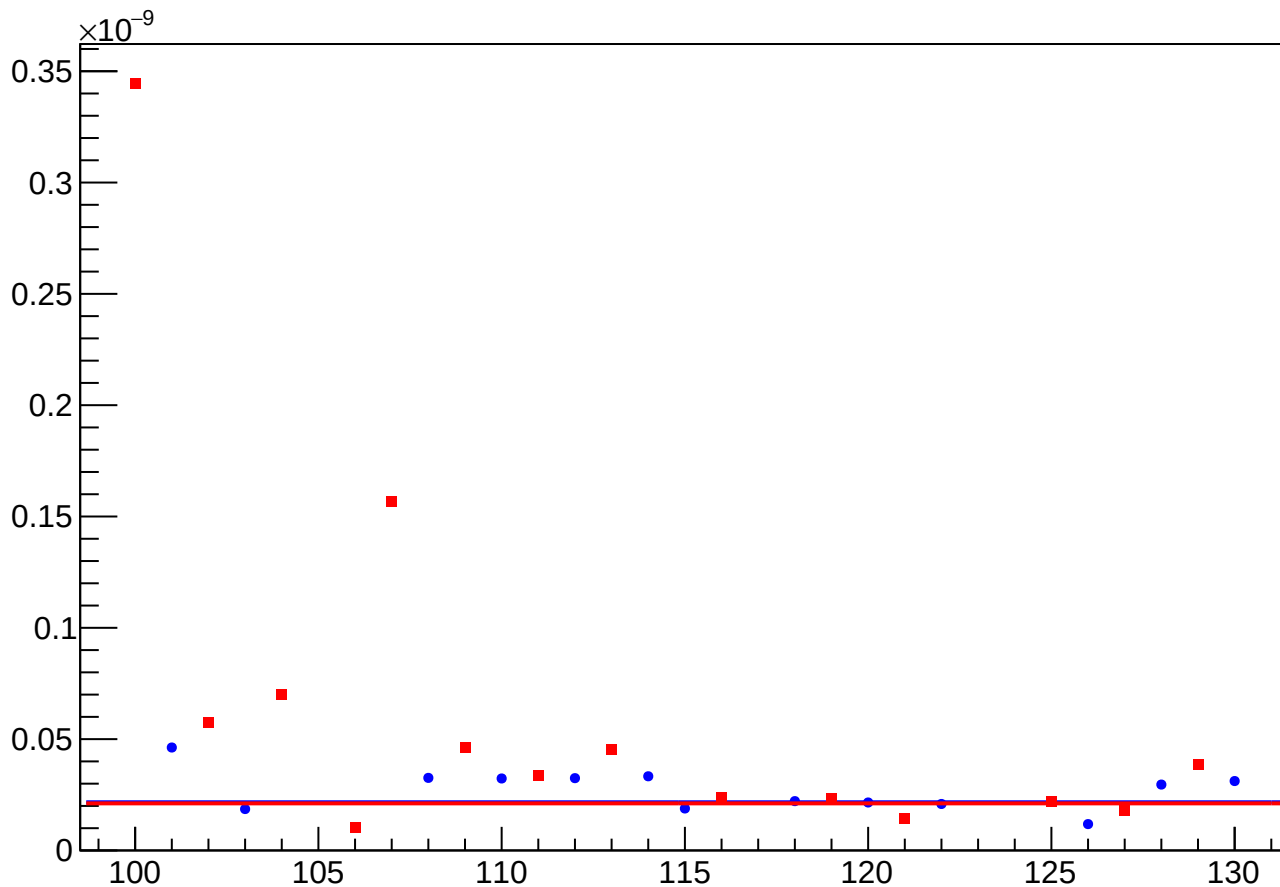
Right: -0.000+/-0.000 χ^2 /NDF: 18.6/26

In: -0.000+/-0.000 χ^2 /NDF:6.6/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 18.6/26

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 $\chi^2/\text{NDF}: 658110.5/12$

Left Out: 0.000+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.000+/-0.000 $\chi^2/\text{NDF}: 1403191.5/13$

Left In: 0.000+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

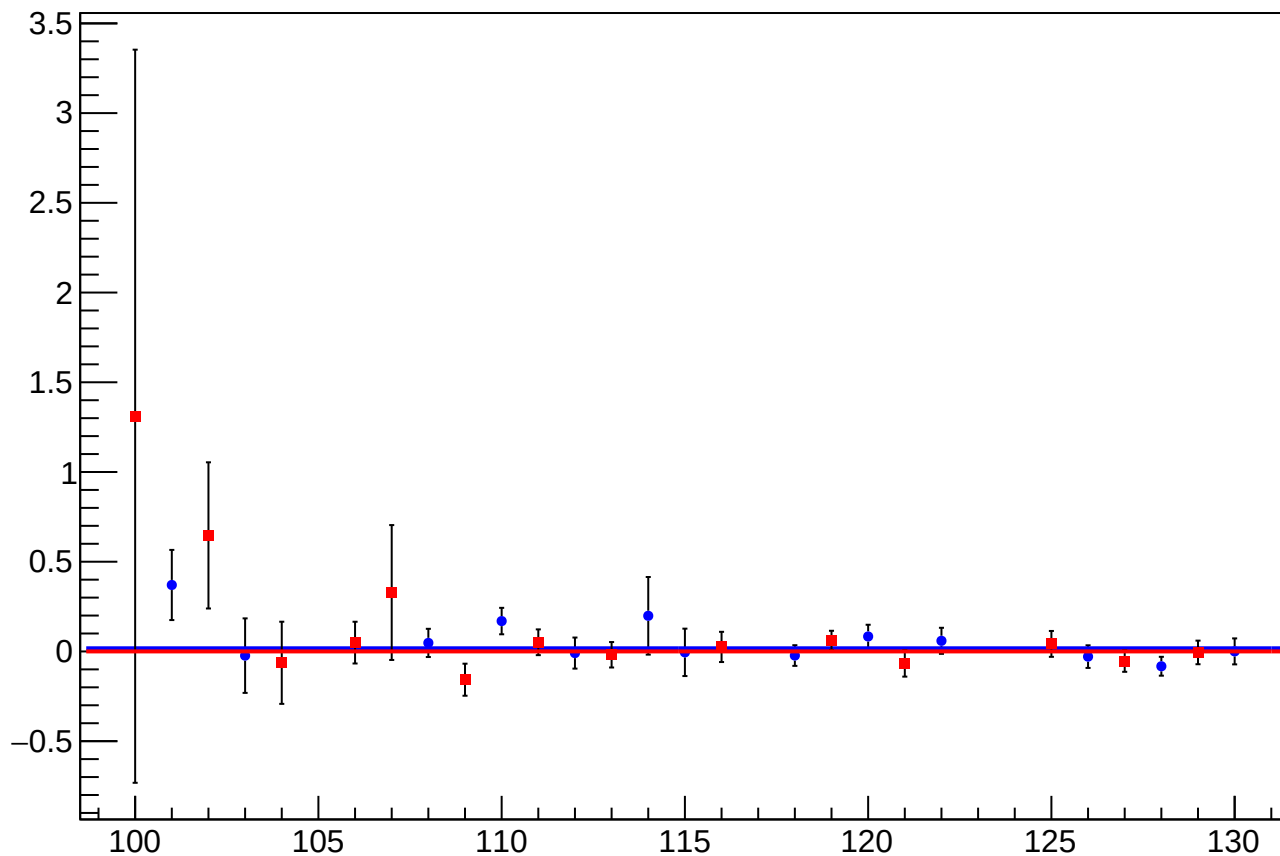
Right: 0.000+/-0.000 $\chi^2/\text{NDF}: 2062187.1/26$

In: 0.000+/-0.000 $\chi^2/\text{NDF}: 658110.5/12$

Out: 0.000+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.000+/-0.000 $\chi^2/\text{NDF}: 2062187.1/26$

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.022 χ^2/NDF : 14.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.022 χ^2/NDF : 11.0/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

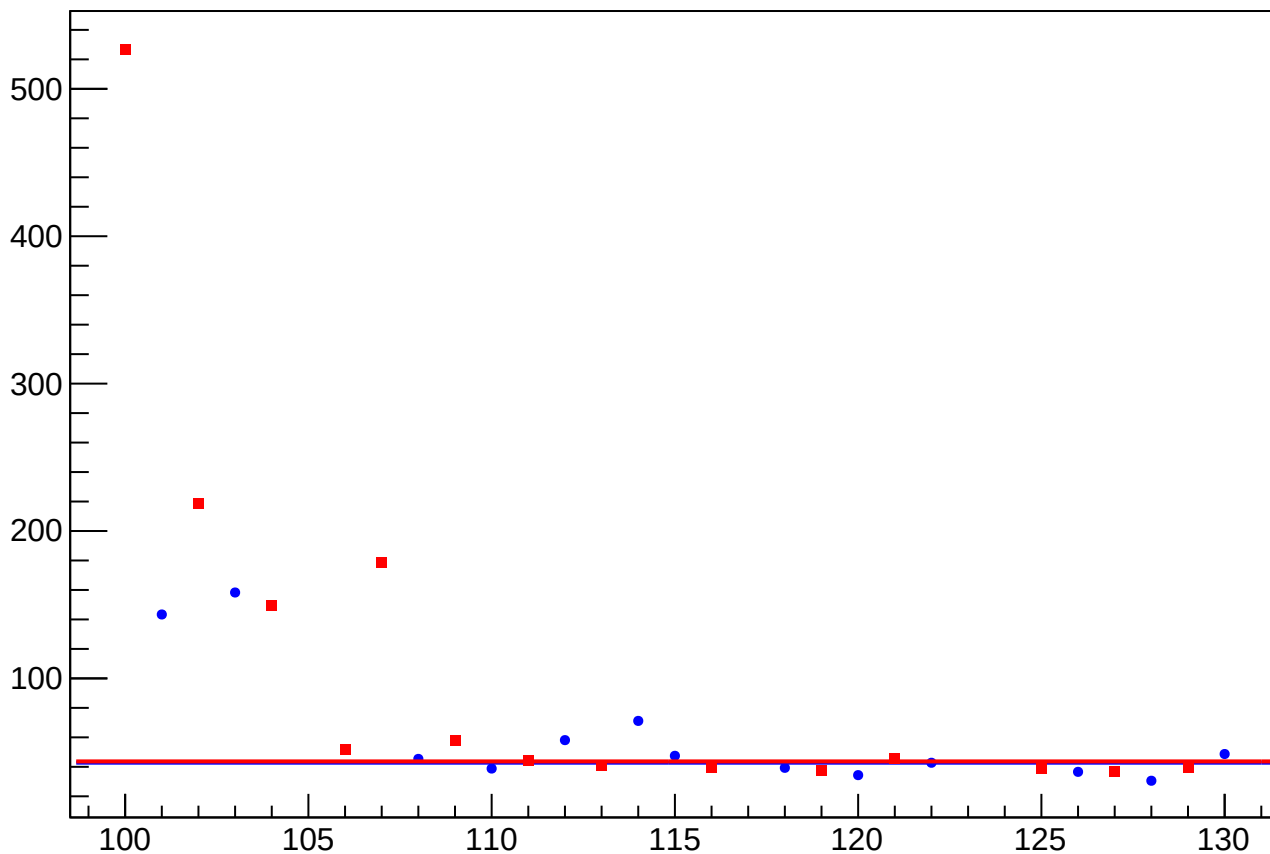
Right: 0.009+/-0.016 χ^2/NDF : 25.9/26

In: 0.018+/-0.022 χ^2/NDF :14.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.009+/-0.016 χ^2/NDF : 25.9/26

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.808+/-0.015 χ^2/NDF : 1437394.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.684+/-0.016 χ^2/NDF : 1306837.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

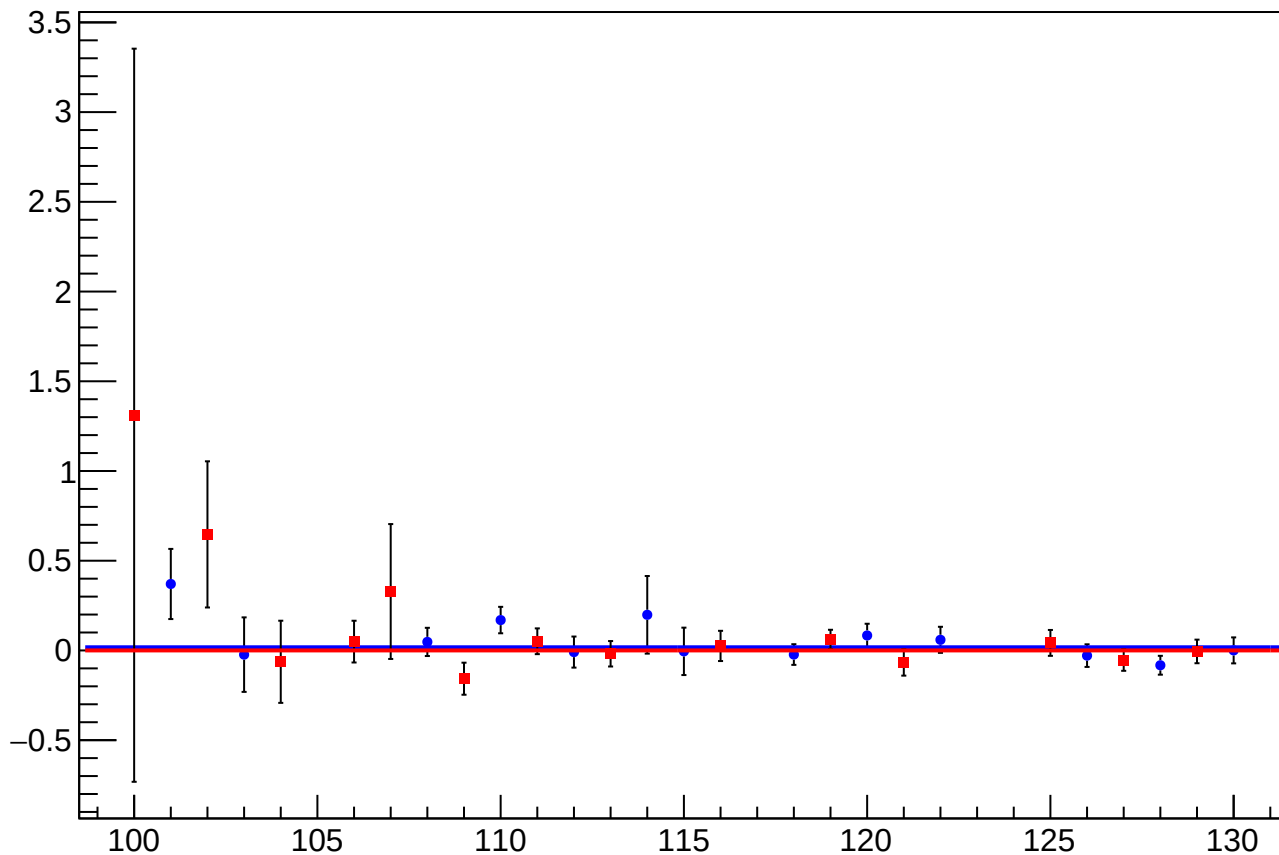
Right: 43.231+/-0.011 χ^2/NDF : 2745815.2/26

In: 42.808+/-0.015 χ^2/NDF : 1437394.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.231+/-0.011 χ^2/NDF : 2745815.2/26

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.022 χ^2/NDF : 14.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.022 χ^2/NDF : 11.0/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

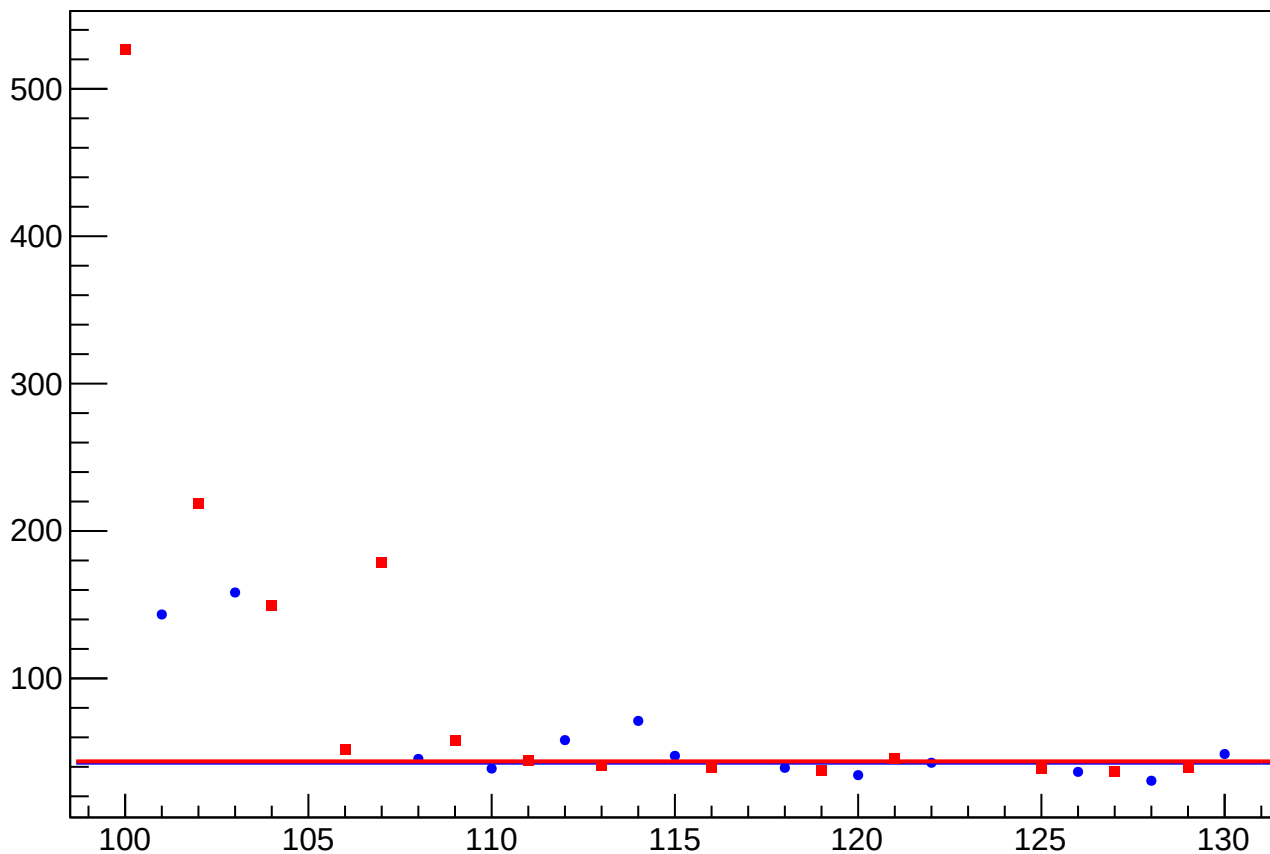
Right: 0.009+/-0.016 χ^2/NDF : 25.9/26

In: 0.018+/-0.022 χ^2/NDF :14.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.009+/-0.016 χ^2/NDF : 25.9/26

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.808+/-0.015 χ^2/NDF : 1437394.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 43.684+/-0.016 χ^2/NDF : 1306837.8/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

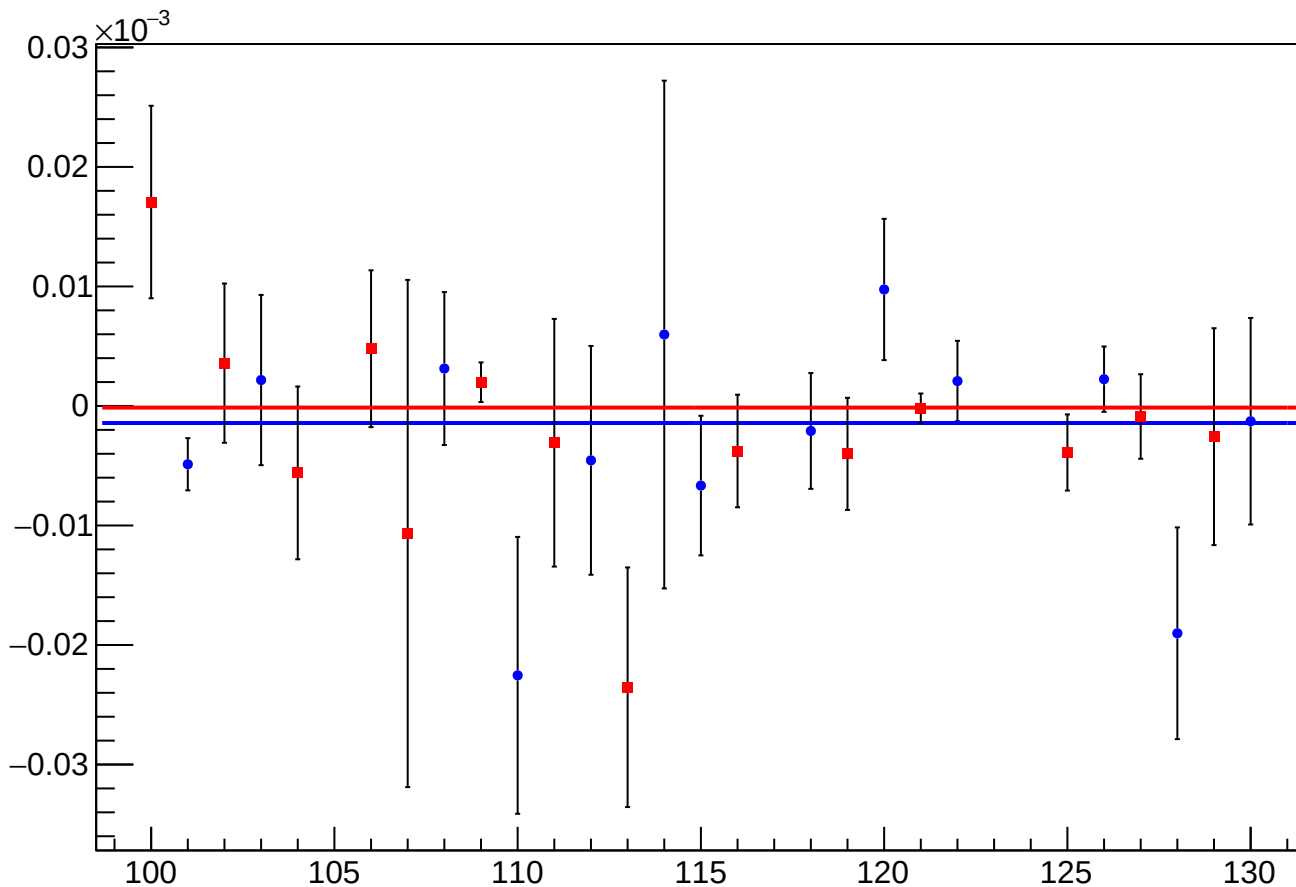
Right: 43.231+/-0.011 χ^2/NDF : 2745815.2/26

In: 42.808+/-0.015 χ^2/NDF :1437394.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 43.231+/-0.011 χ^2/NDF : 2745815.2/26

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 18.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 16.2/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

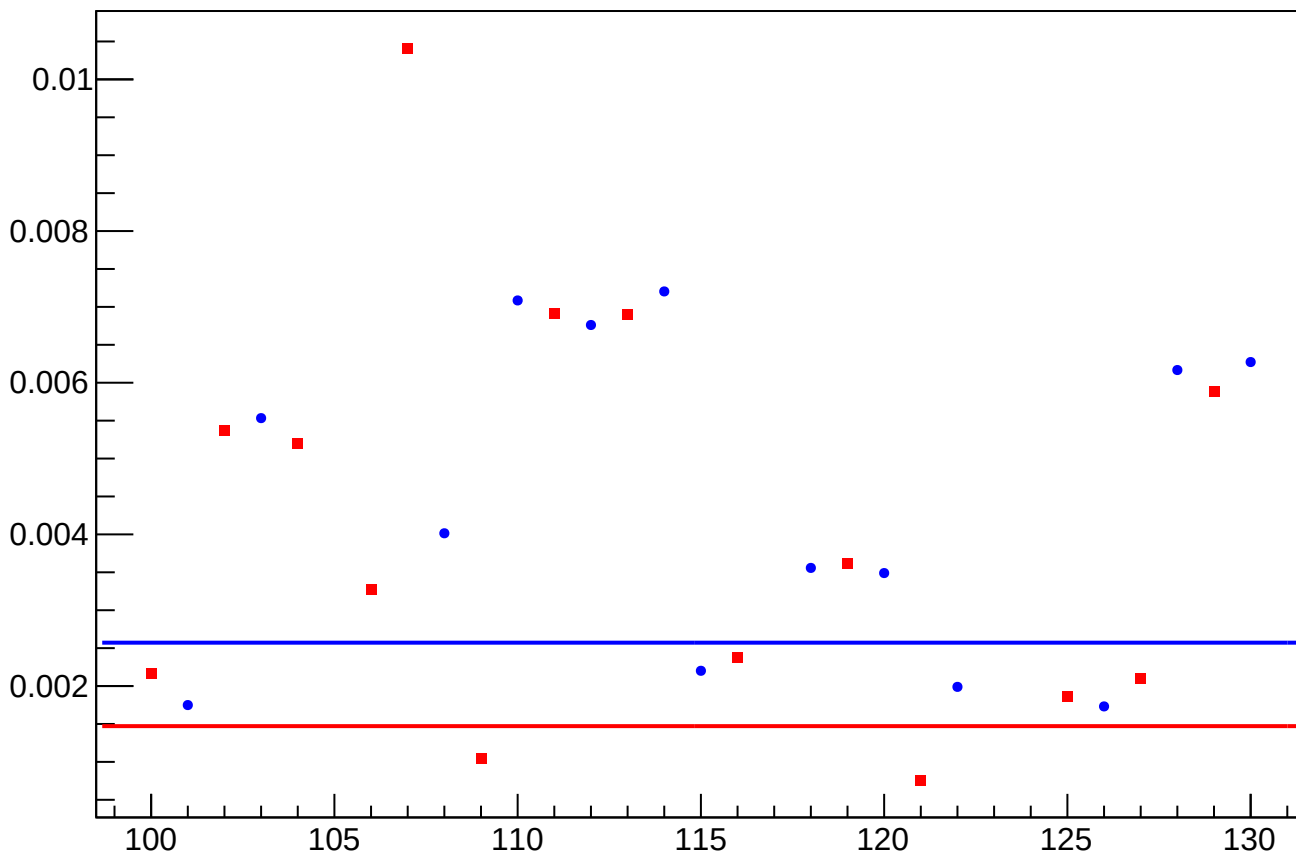
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 35.0/26

In: -0.000 $\pm$ 0.000 χ^2 /NDF:18.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 35.0/26

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 2596901.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4733521.6/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

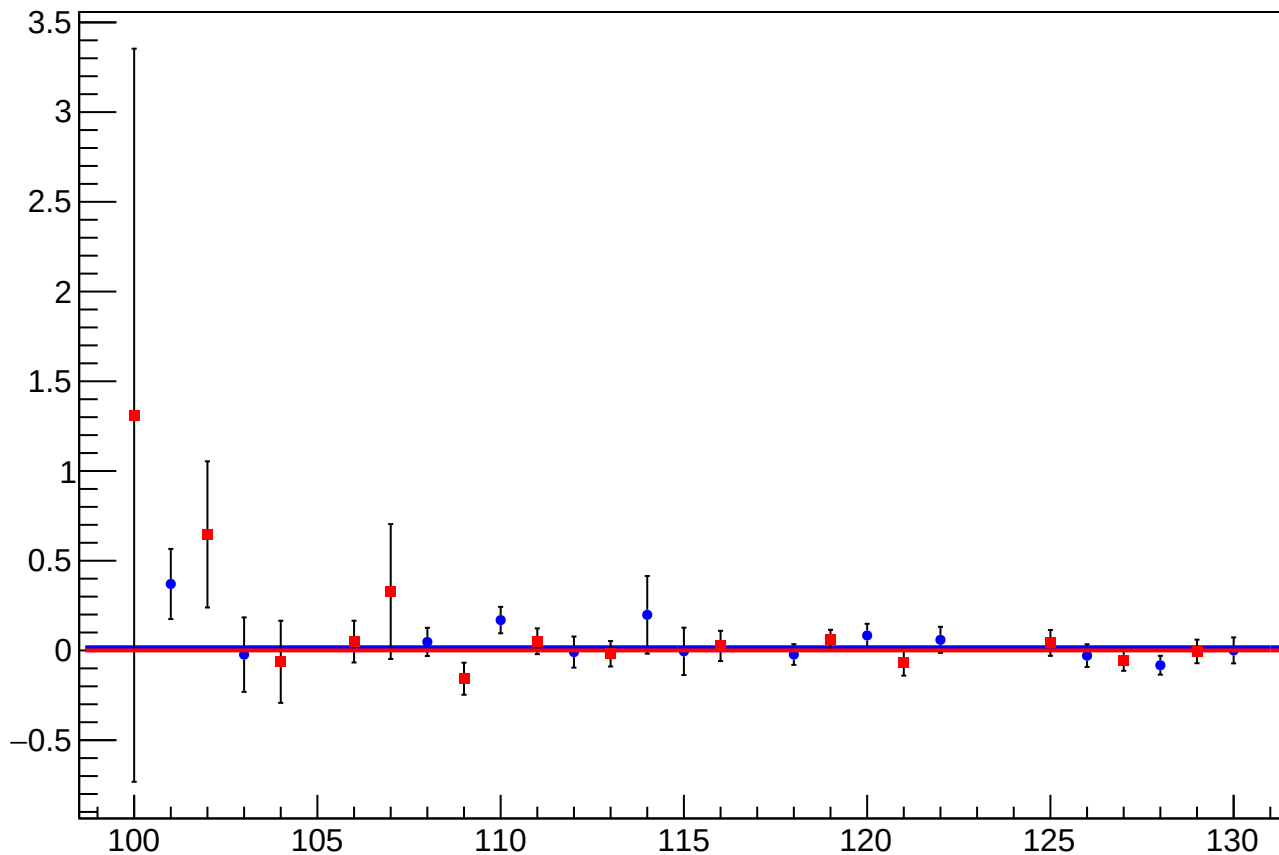
Right: 0.002+/-0.000 χ^2/NDF : 8371768.7/26

In: 0.003+/-0.000 χ^2/NDF :2596901.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 8371768.7/26

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.022 χ^2/NDF : 14.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.022 χ^2/NDF : 11.0/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

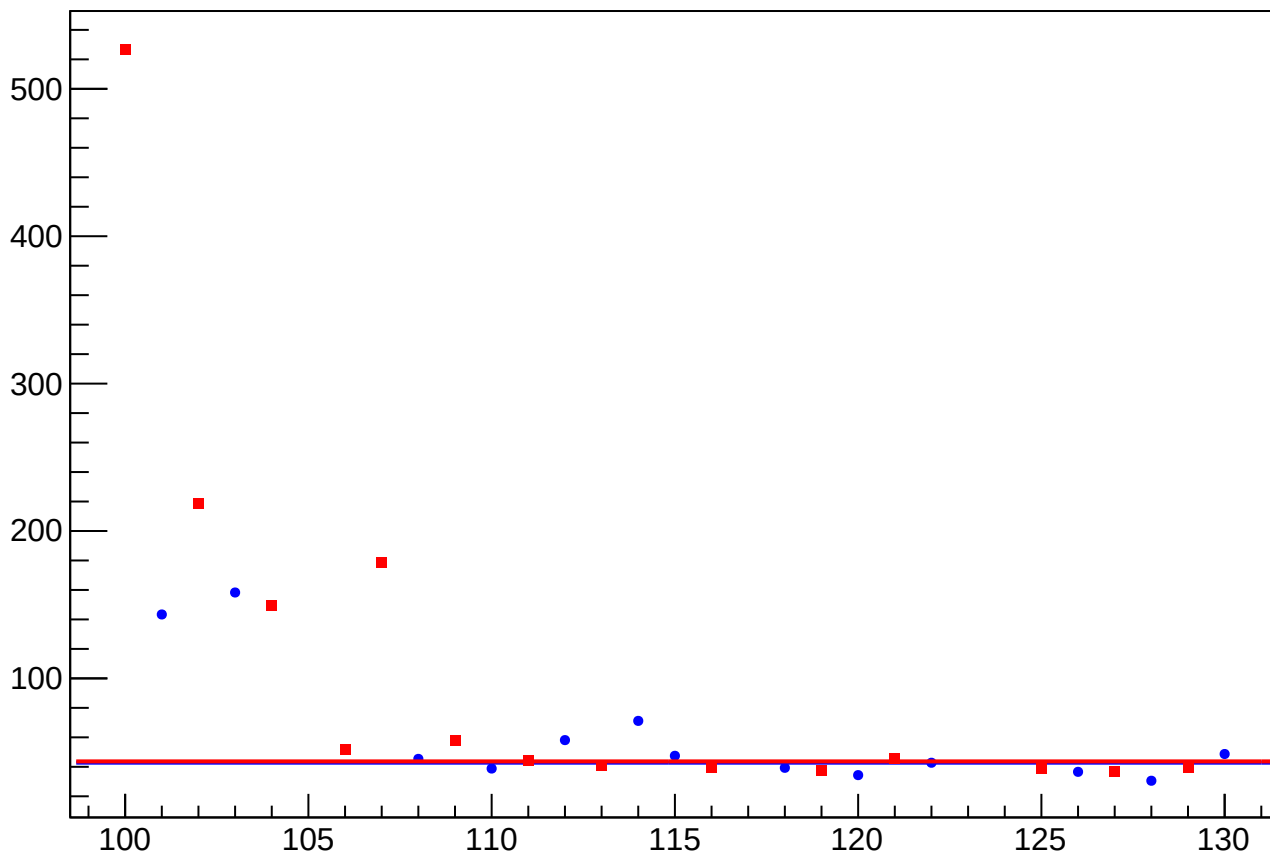
Right: 0.009+/-0.016 χ^2/NDF : 25.9/26

In: 0.018+/-0.022 χ^2/NDF :14.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.009+/-0.016 χ^2/NDF : 25.9/26

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.805+/-0.015 χ^2/NDF : 1437632.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.685+/-0.016 χ^2/NDF : 1306806.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

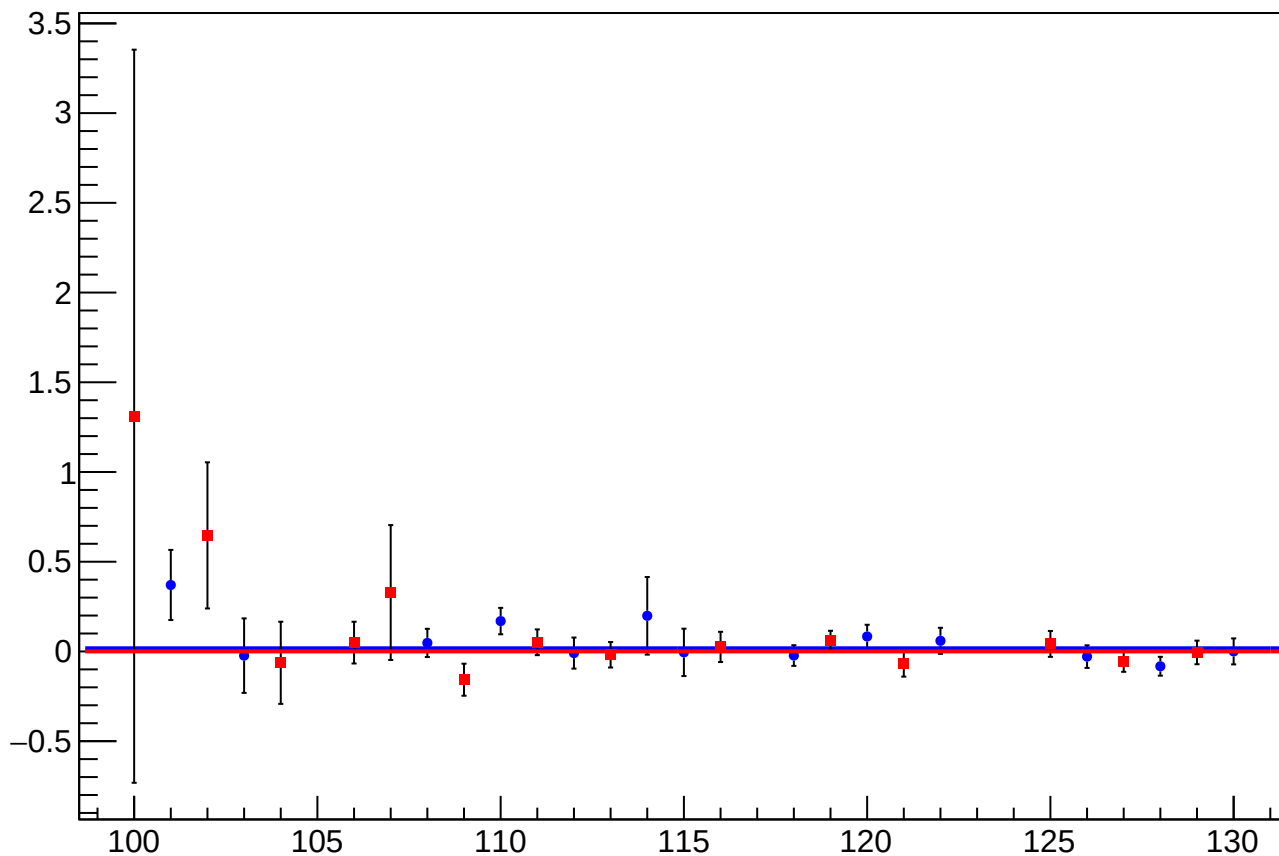
Right: 43.230+/-0.011 χ^2/NDF : 2746037.1/26

In: 42.805+/-0.015 χ^2/NDF : 1437632.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.230+/-0.011 χ^2/NDF : 2746037.1/26

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.022 χ^2/NDF : 14.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.022 χ^2/NDF : 11.0/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

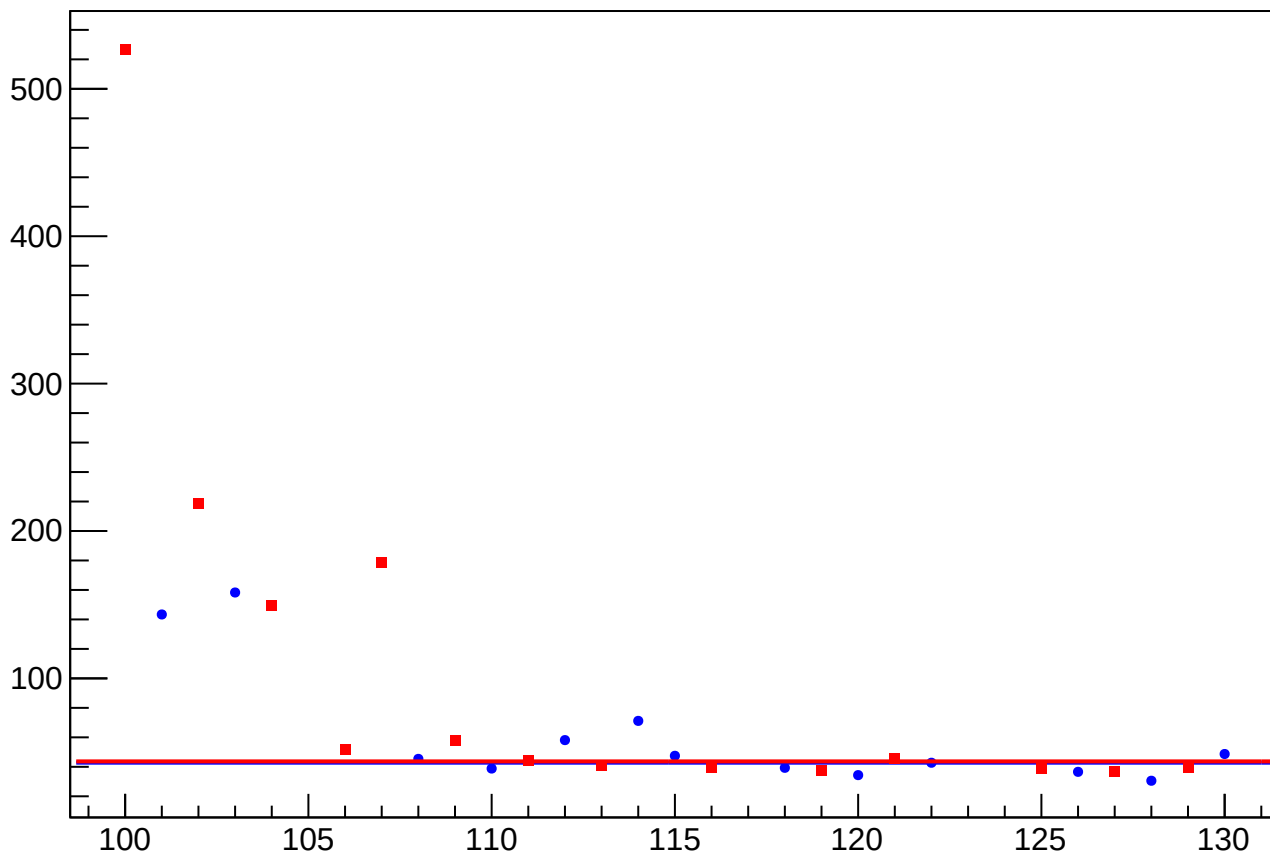
Right: 0.009+/-0.016 χ^2/NDF : 25.9/26

In: 0.018+/-0.022 χ^2/NDF :14.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.009+/-0.016 χ^2/NDF : 25.9/26

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.805+/-0.015 χ^2/NDF : 1437632.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.685+/-0.016 χ^2/NDF : 1306806.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

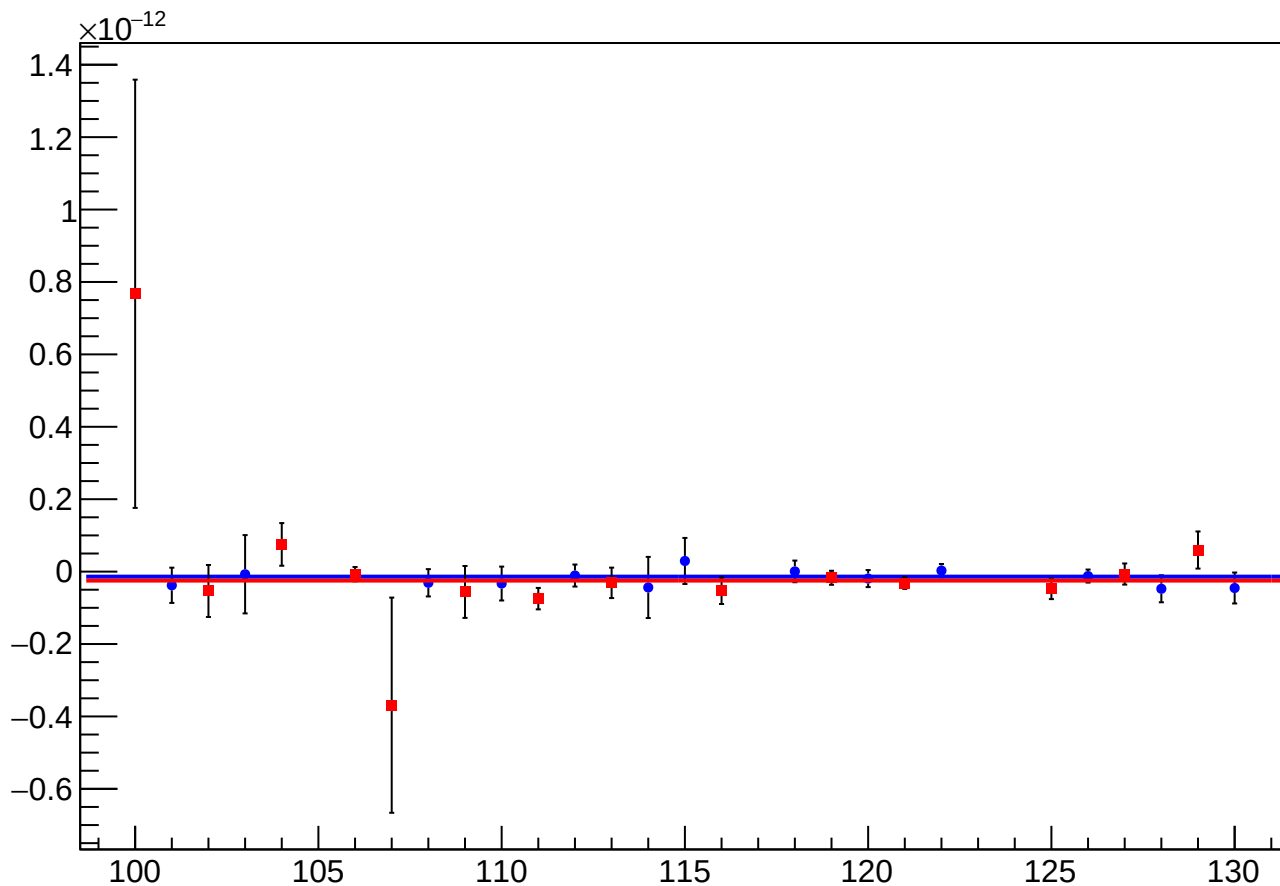
Right: 43.230+/-0.011 χ^2/NDF : 2746037.1/26

In: 42.805+/-0.015 χ^2/NDF : 1437632.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.230+/-0.011 χ^2/NDF : 2746037.1/26

asym_us_dd_at1lr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

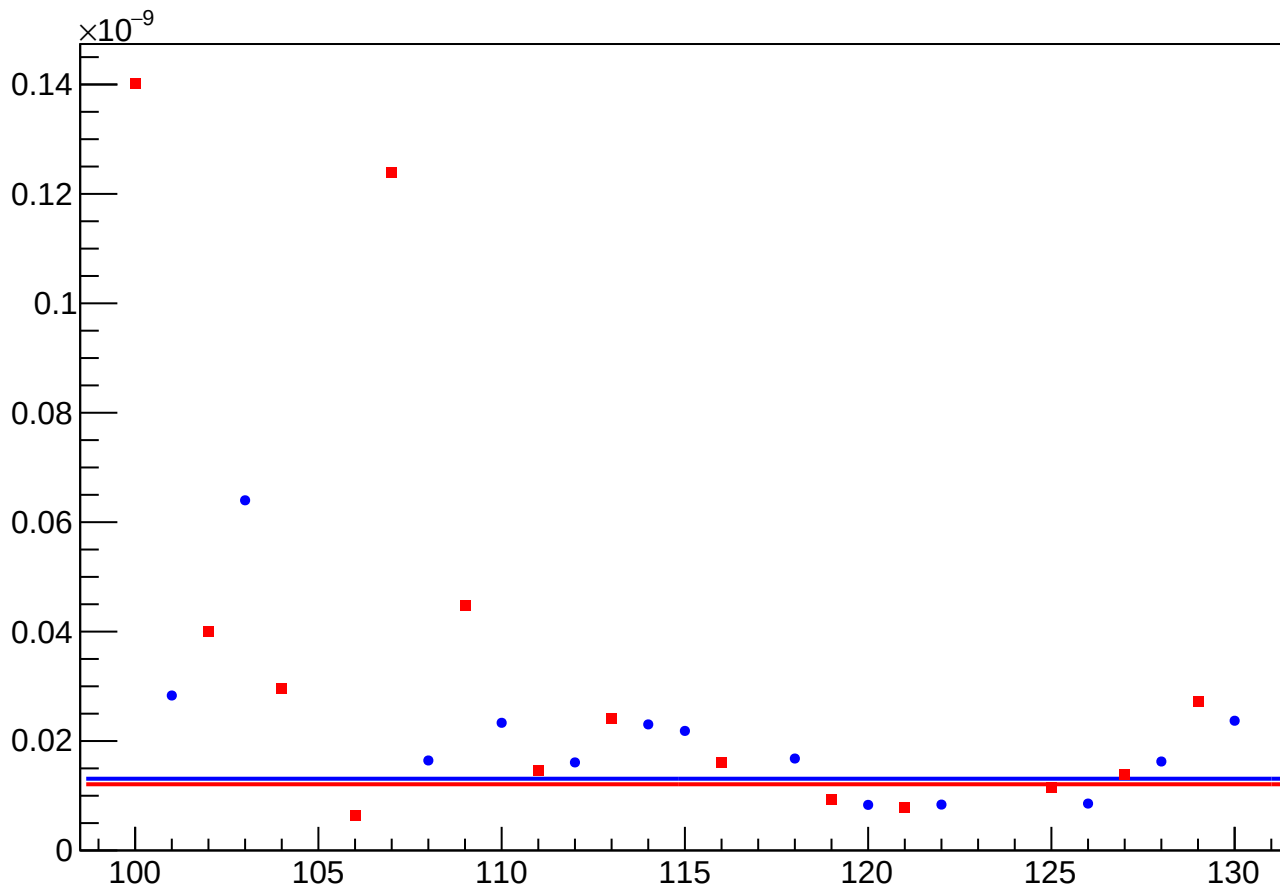
Right: -0.000+/-0.000 χ^2/NDF : 19.2/26

In: -0.000+/-0.000 χ^2/NDF : 3.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.2/26

asym_us_dd_at1lr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1344639.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2000408.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

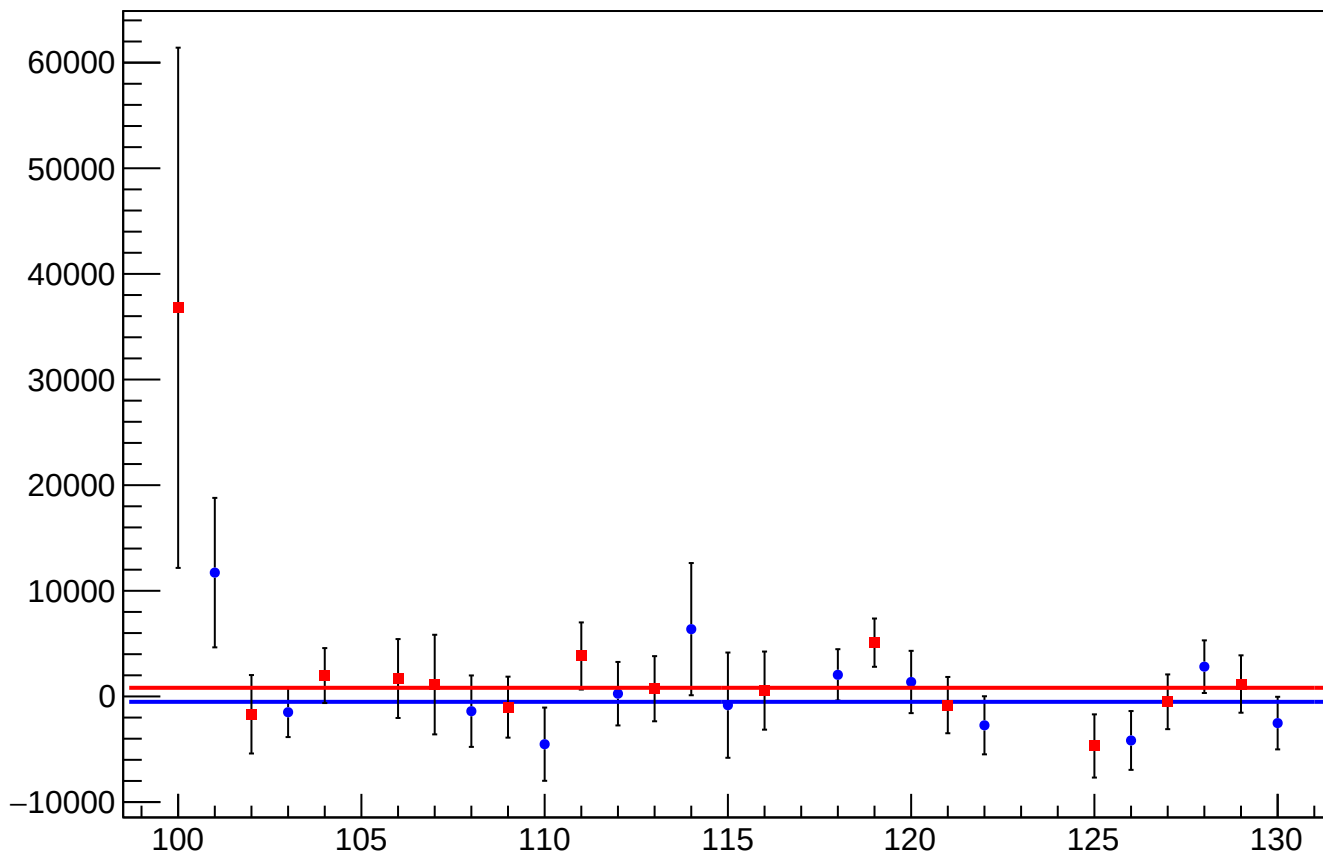
Right: 0.000+/-0.000 χ^2/NDF : 3359599.4/26

In: 0.000+/-0.000 χ^2/NDF : 1344639.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3359599.4/26

reg_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -510.520+/-840.324 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 817.984+/-826.307 χ^2/NDF : 11.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

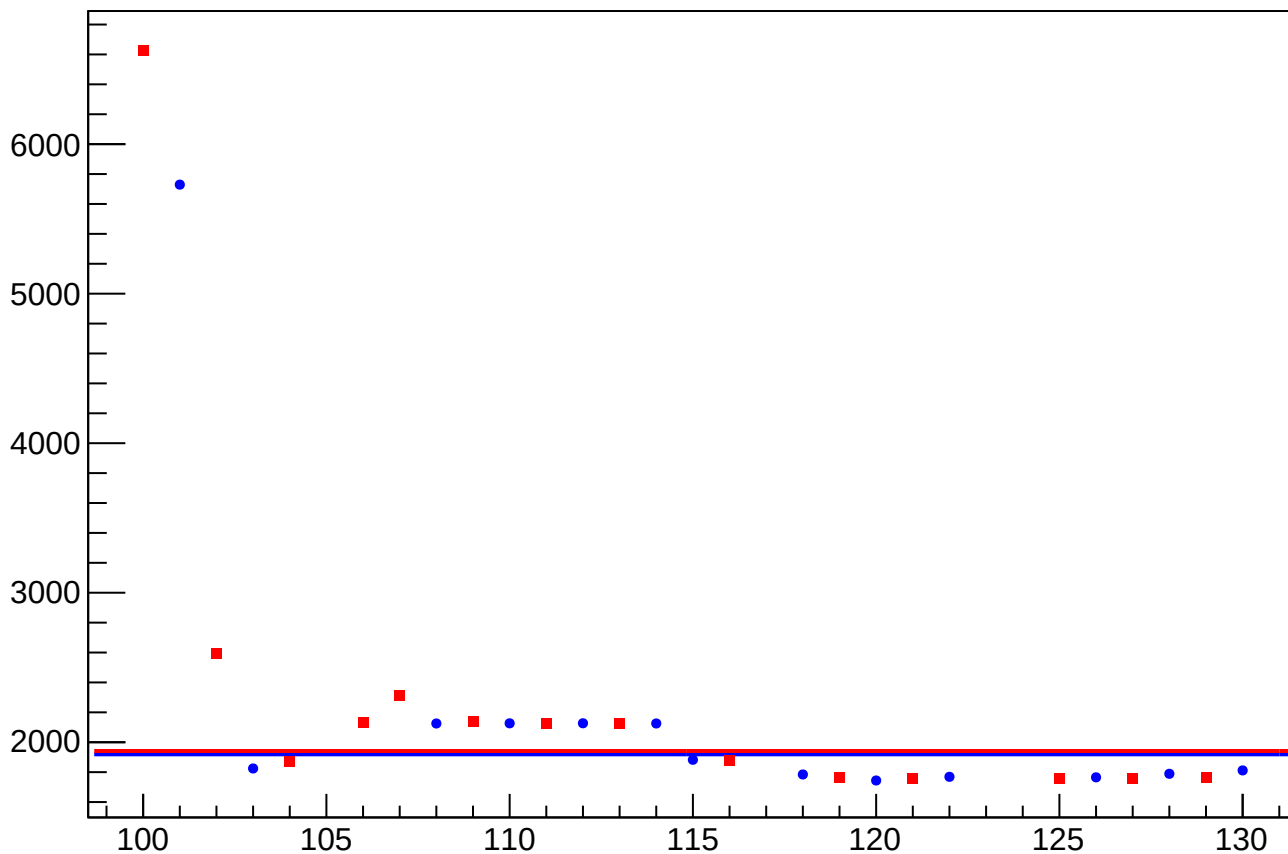
Right: 164.904+/-589.180 χ^2/NDF : 25.1/26

In: -510.520+/-840.324 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.904+/-589.180 χ^2/NDF : 25.1/26

reg_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1919.262+/-0.594 χ^2/NDF : 644144.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1941.502+/-0.584 χ^2/NDF : 224183.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

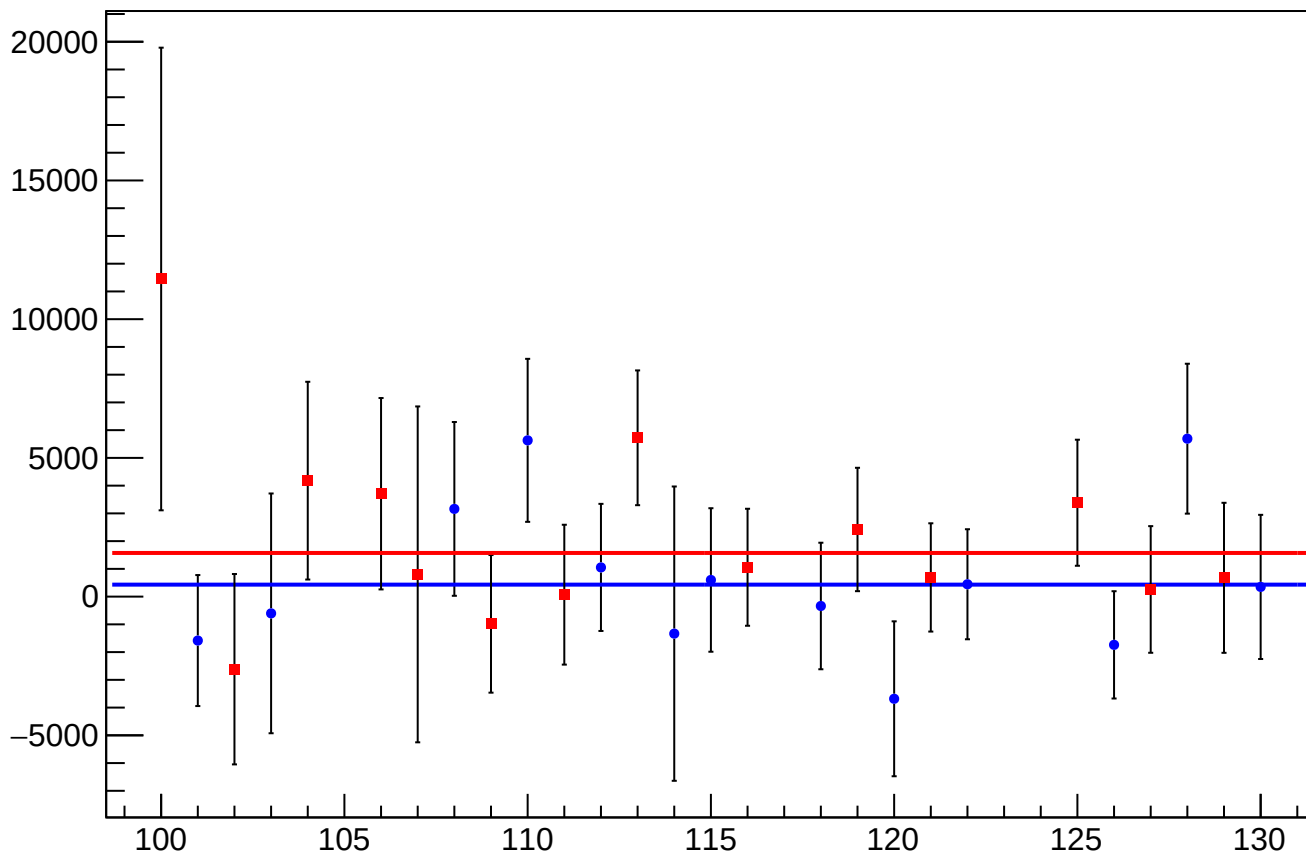
Right: 1930.569+/-0.417 χ^2/NDF : 869039.7/26

In: 1919.262+/-0.594 χ^2/NDF : 644144.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1930.569+/-0.417 χ^2/NDF : 869039.7/26

asym_us_dd_at1lr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 431.799+/-715.421 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1573.607+/-708.689 χ^2/NDF : 9.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

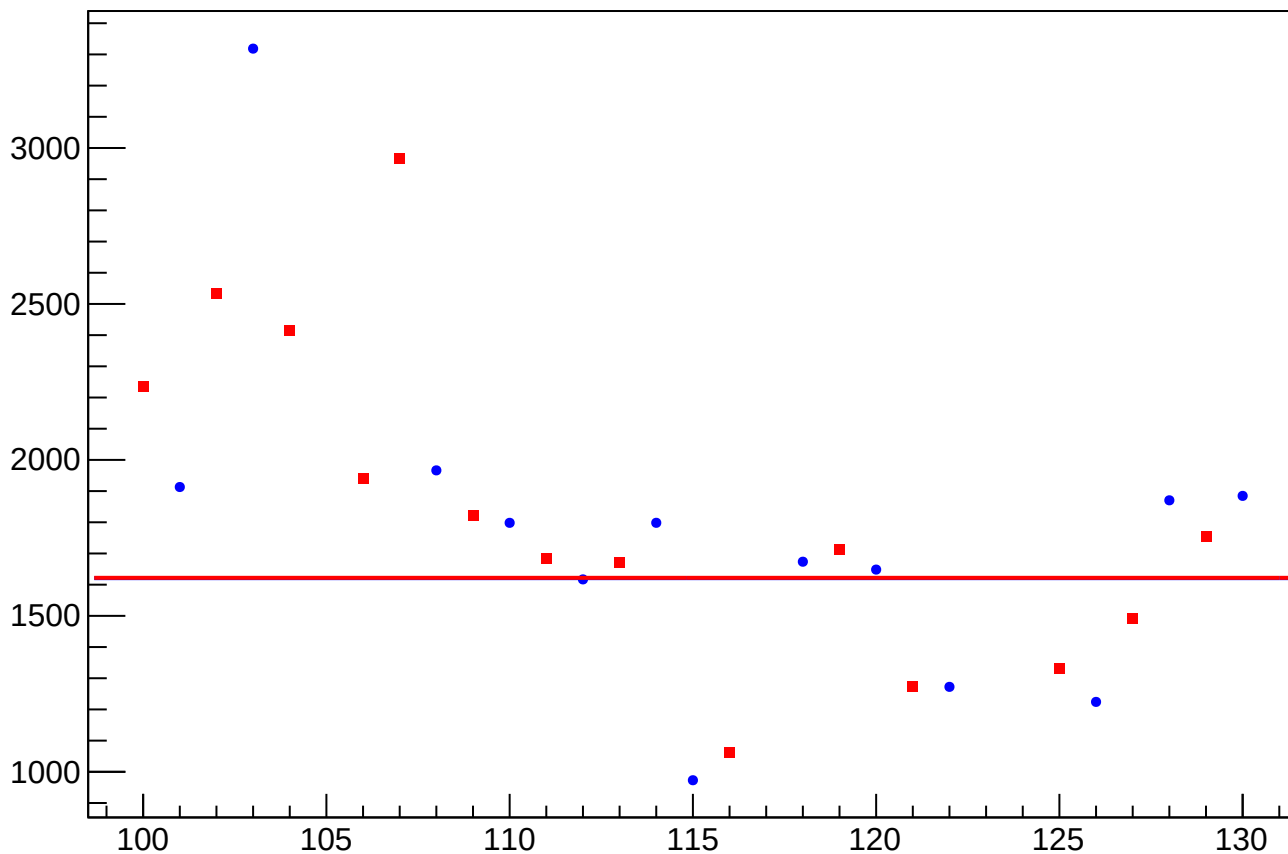
Right: 1008.101+/-503.482 χ^2/NDF : 23.1/26

In: 431.799+/-715.421 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1008.101+/-503.482 χ^2/NDF : 23.1/26

asym_us_dd_at1lr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1620.903+/-0.506 χ^2/NDF : 683608.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1621.943+/-0.501 χ^2/NDF : 633255.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

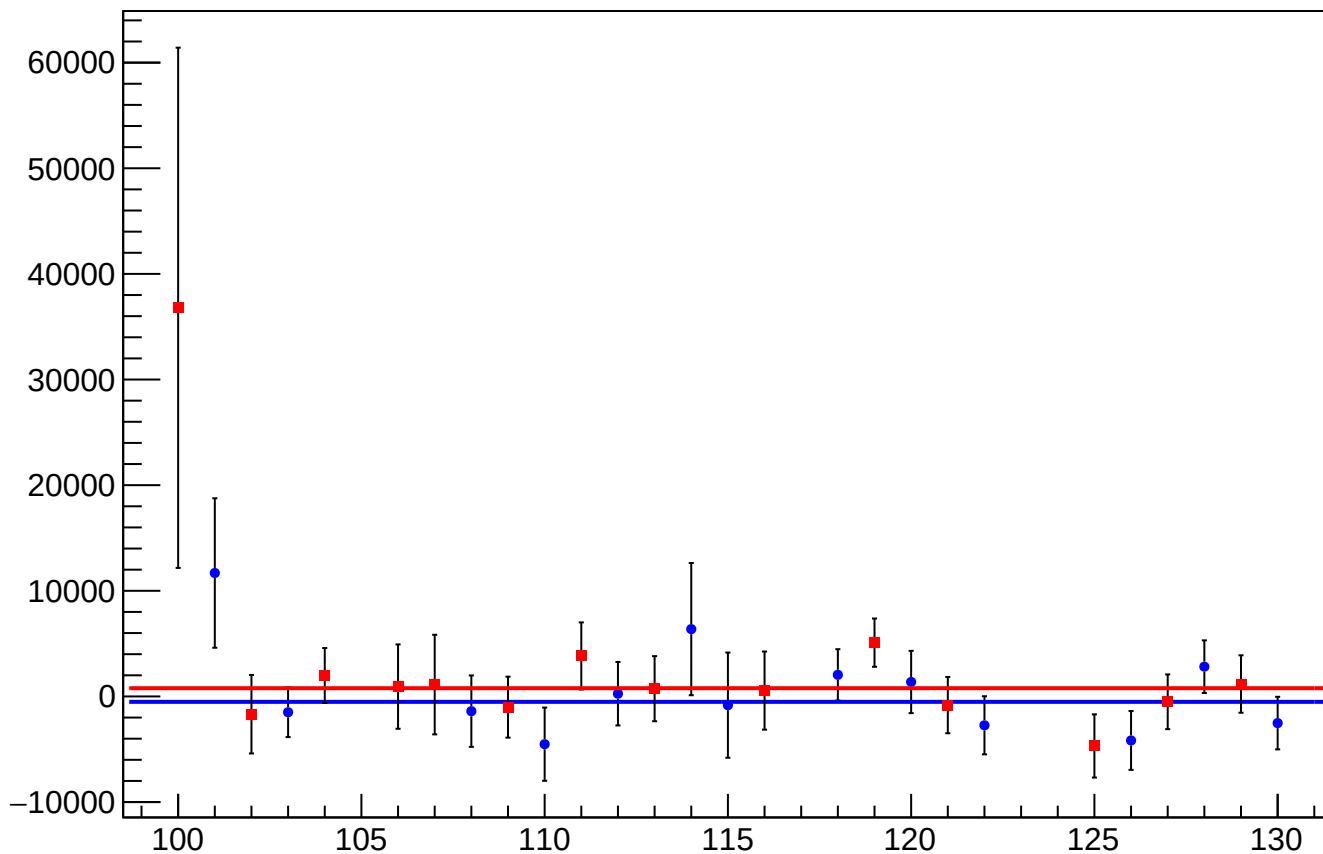
Right: 1621.428+/-0.356 χ^2/NDF : 1316865.9/26

In: 1620.903+/-0.506 χ^2/NDF : 683608.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1621.428+/-0.356 χ^2/NDF : 1316865.9/26

cor_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -511.497+/-840.324 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 780.370+/-828.853 χ^2/NDF : 11.6/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

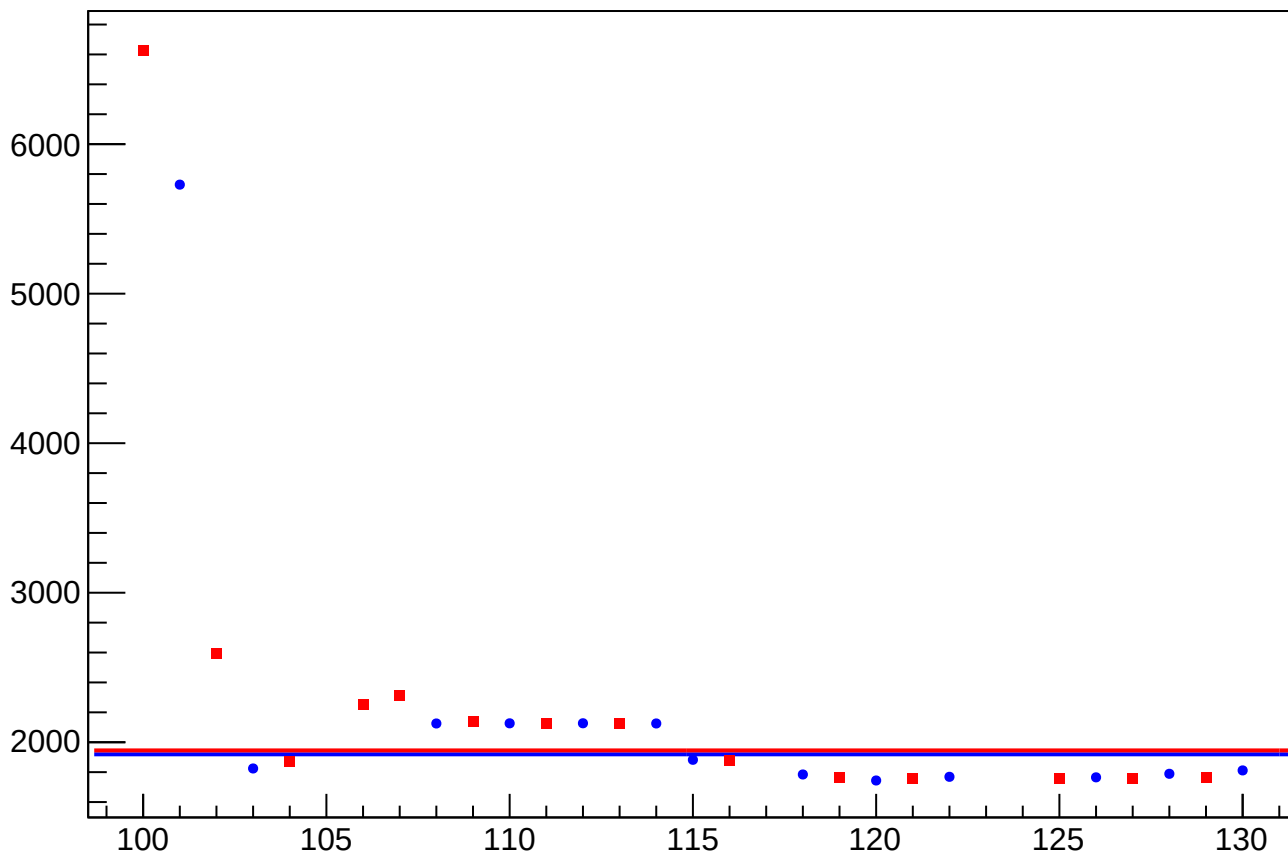
Right: 143.314+/-590.101 χ^2/NDF : 25.0/26

In: -511.497+/-840.324 χ^2/NDF :12.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 143.314+/-590.101 χ^2/NDF : 25.0/26

cor_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1919.262+/-0.594 χ^2/NDF : 644143.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1945.349+/-0.586 χ^2/NDF : 230779.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

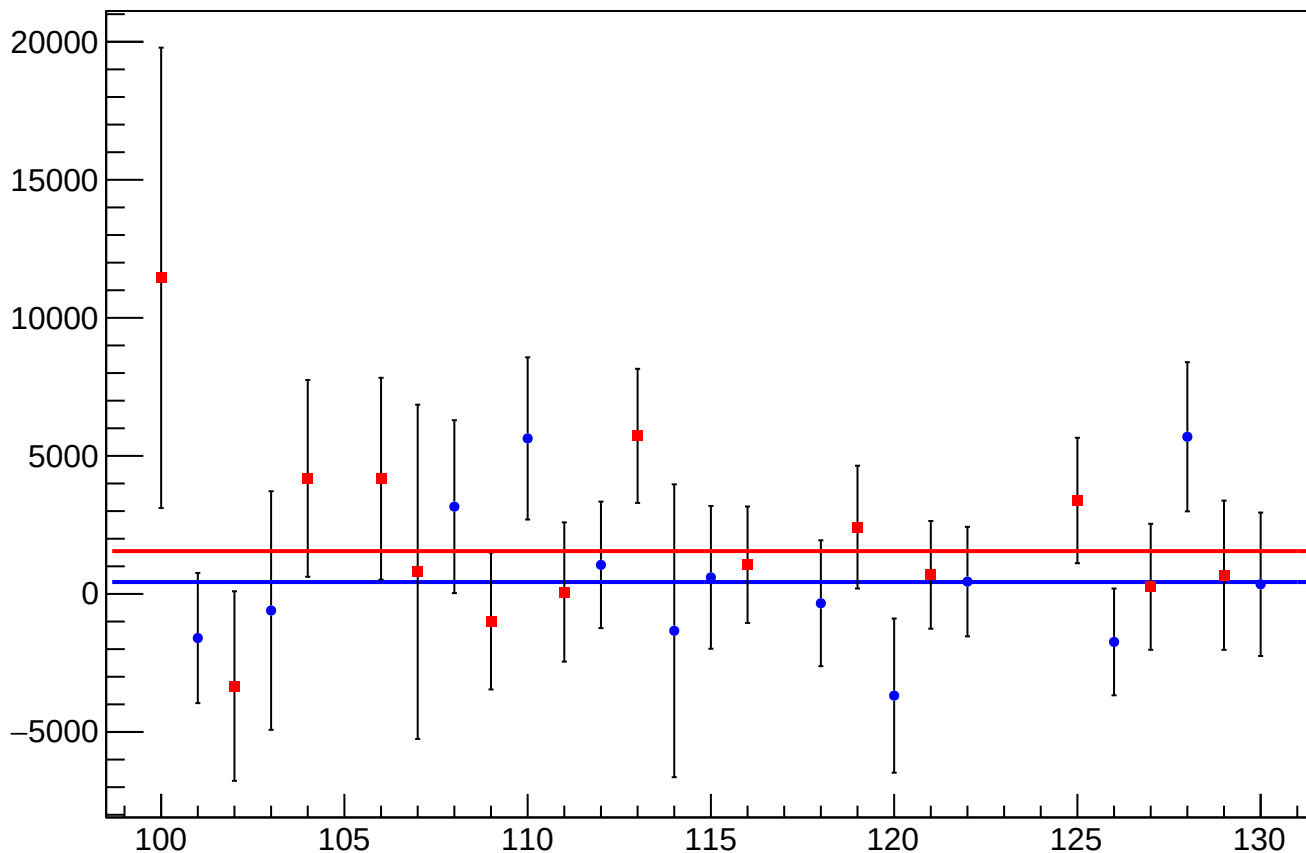
Right: 1932.485+/-0.417 χ^2/NDF : 875900.2/26

In: 1919.262+/-0.594 χ^2/NDF : 644143.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1932.485+/-0.417 χ^2/NDF : 875900.2/26

asym_us_dd_at1lr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 430.195+/-715.333 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1550.838+/-710.340 χ^2/NDF : 10.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

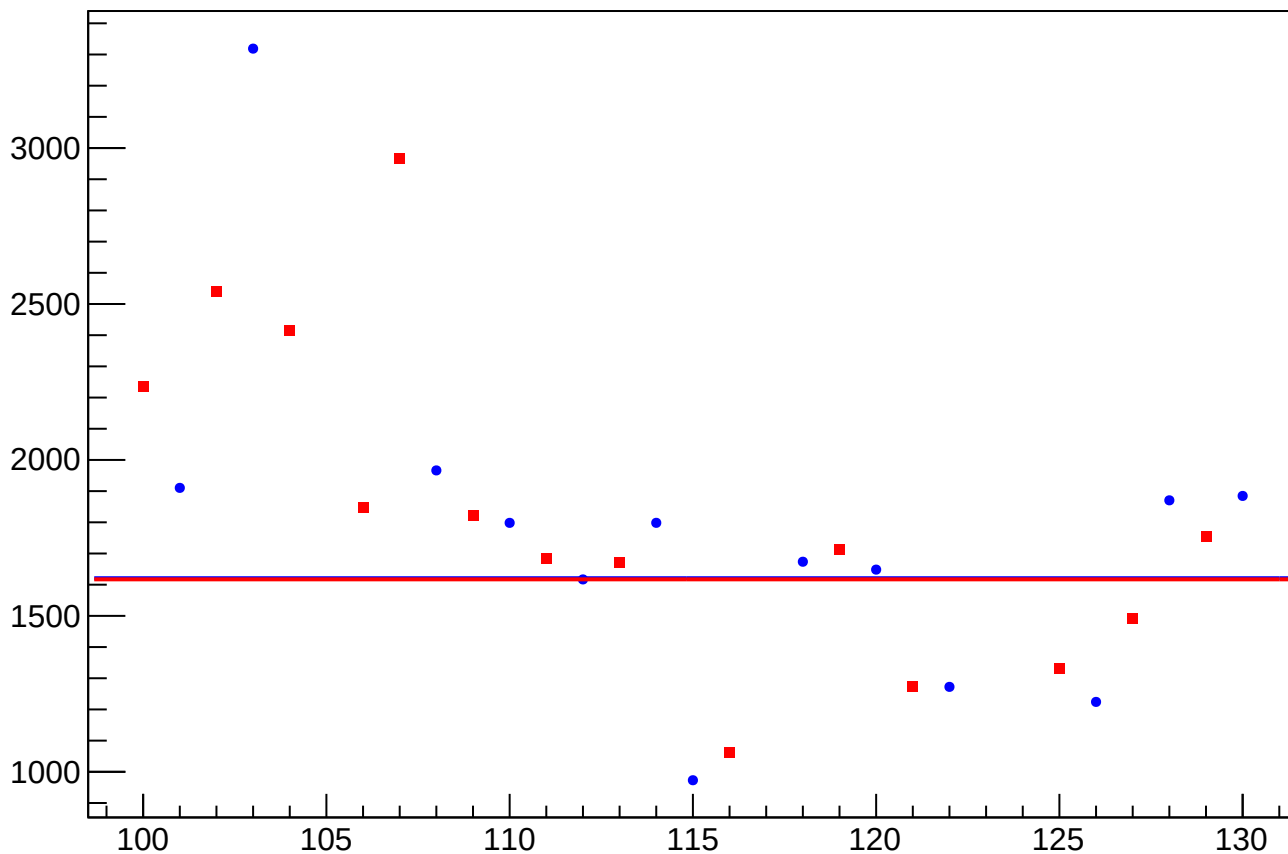
Right: 994.441+/-504.042 χ^2/NDF : 23.8/26

In: 430.195+/-715.333 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 994.441+/-504.042 χ^2/NDF : 23.8/26

asym_us_dd_at1lr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1620.734+/-0.506 χ^2/NDF : 683192.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1617.141+/-0.502 χ^2/NDF : 625428.1/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

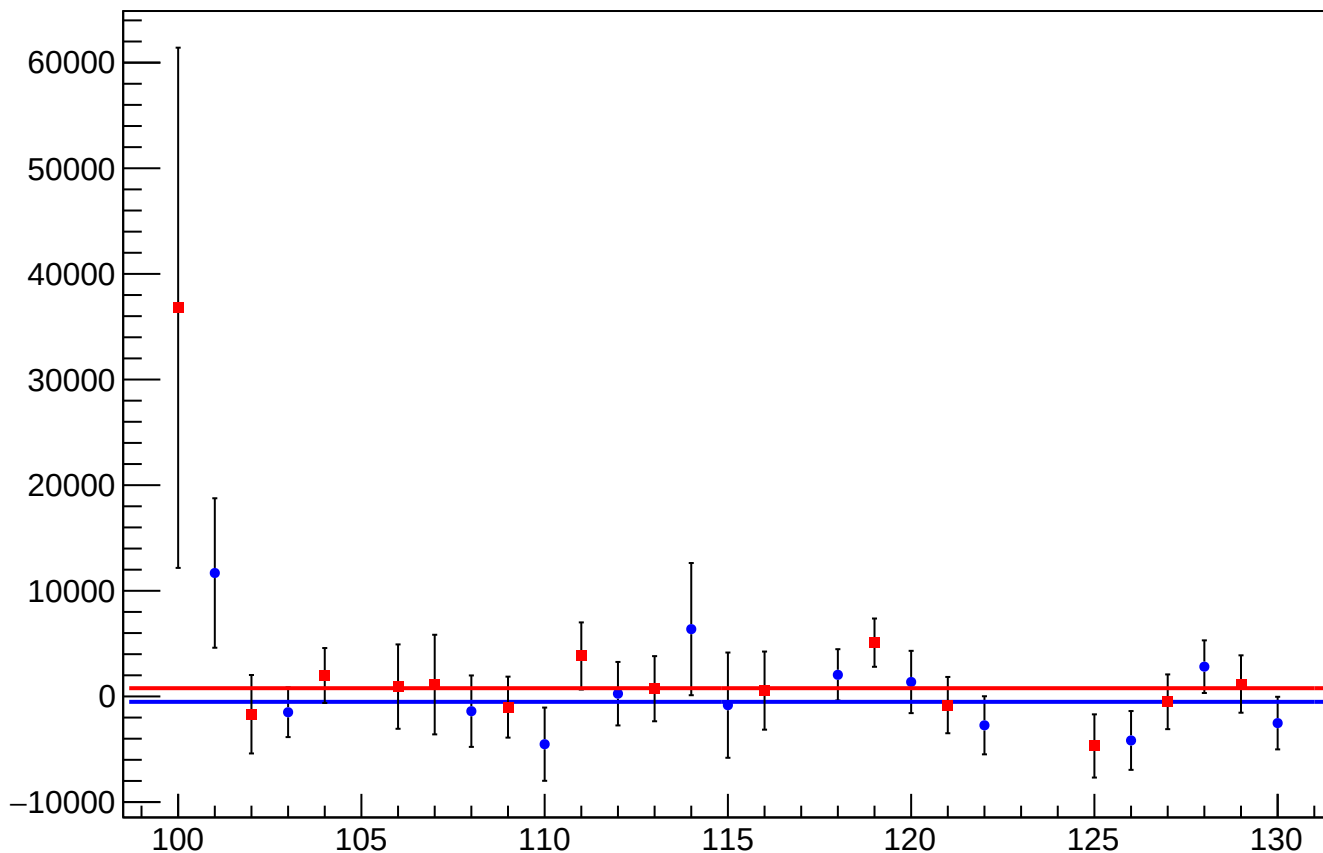
Right: 1618.925+/-0.356 χ^2/NDF : 1308645.8/26

In: 1620.734+/-0.506 χ^2/NDF :683192.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1618.925+/-0.356 χ^2/NDF : 1308645.8/26

eigen_cor_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -511.497+/-840.324 χ^2 /NDF: 12.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 780.370+/-828.853 χ^2 /NDF: 11.6/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

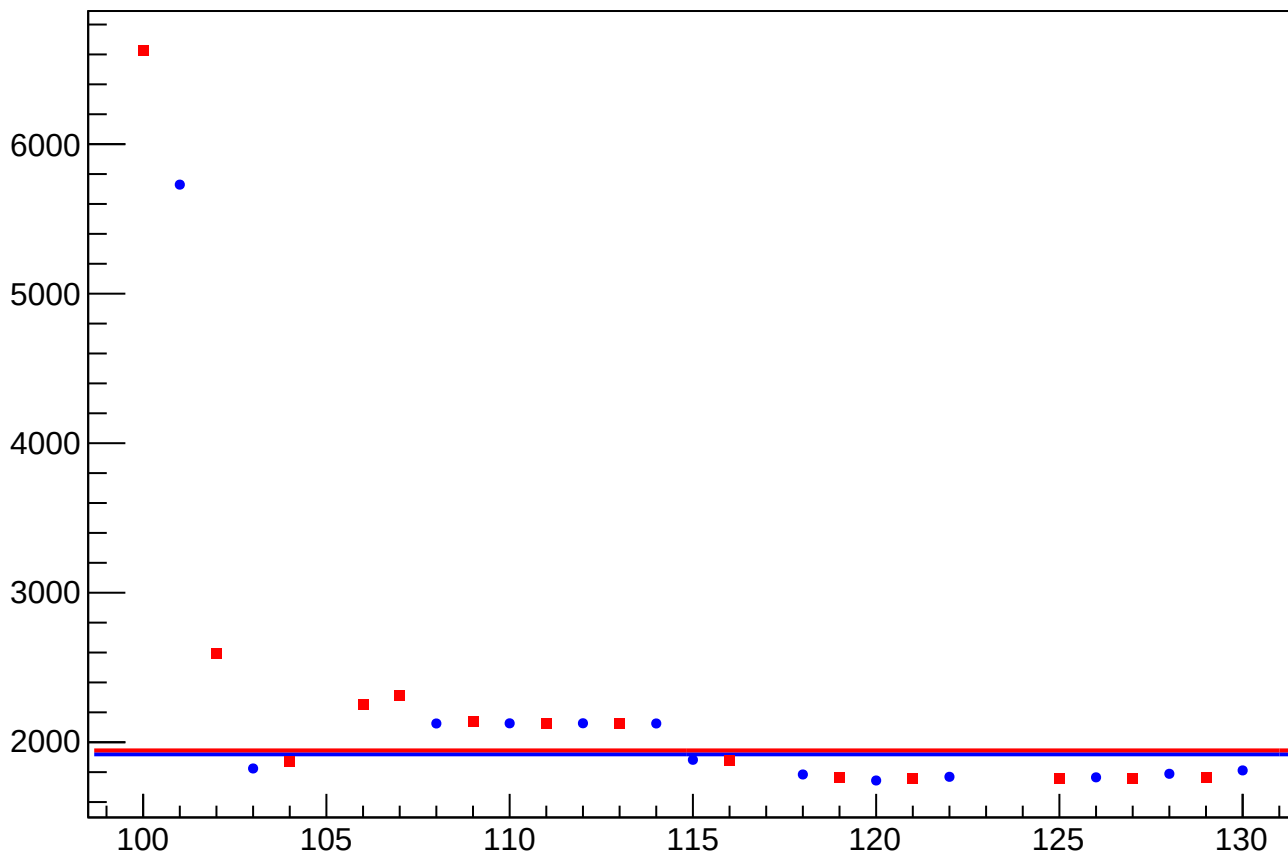
Right: 143.314+/-590.101 χ^2 /NDF: 25.0/26

In: -511.497+/-840.324 χ^2 /NDF:12.2/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 143.314+/-590.101 χ^2 /NDF: 25.0/26

eigen_cor_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1919.262+/-0.594 χ^2/NDF : 644143.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1945.349+/-0.586 χ^2/NDF : 230779.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

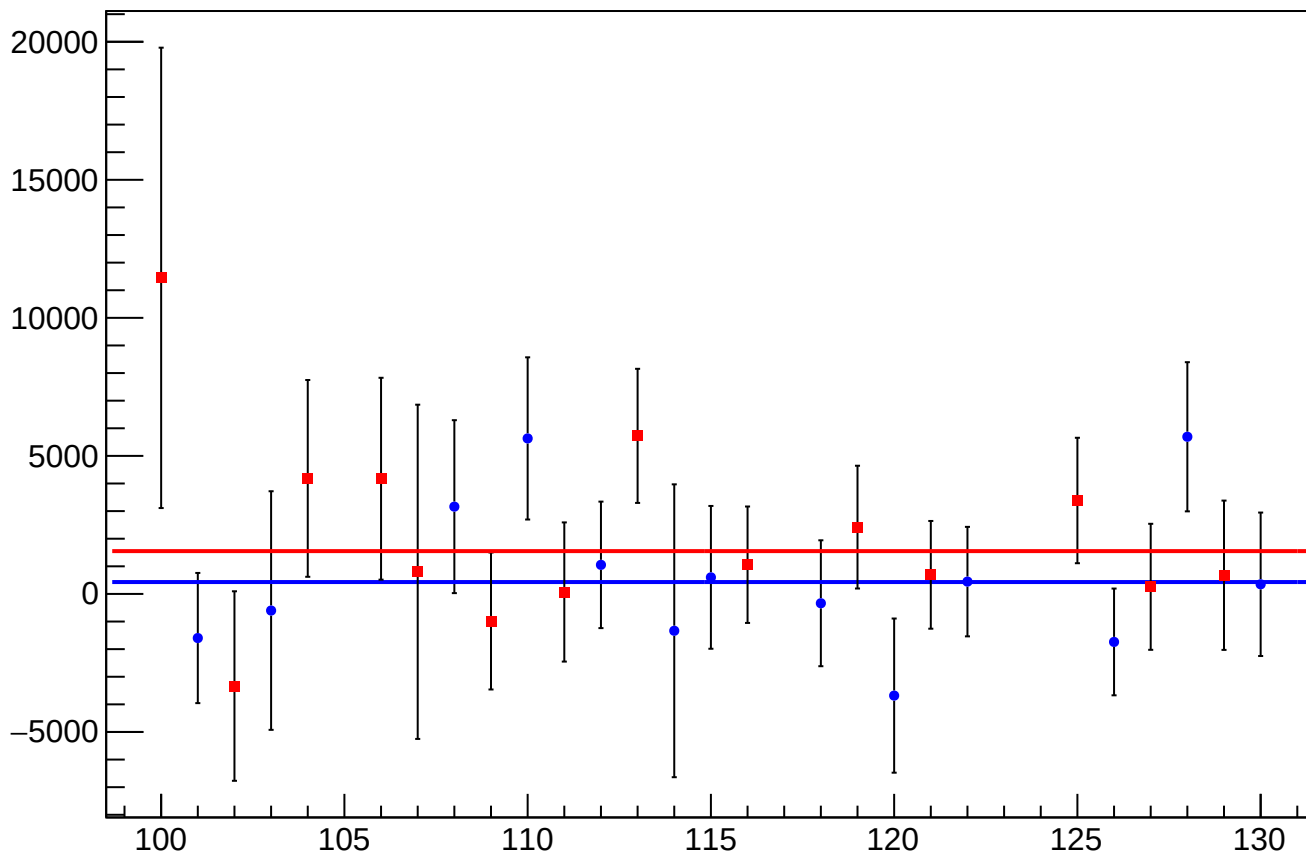
Right: 1932.485+/-0.417 χ^2/NDF : 875900.2/26

In: 1919.262+/-0.594 χ^2/NDF : 644143.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1932.485+/-0.417 χ^2/NDF : 875900.2/26

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 430.195+/-715.333 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1550.838+/-710.340 χ^2/NDF : 10.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

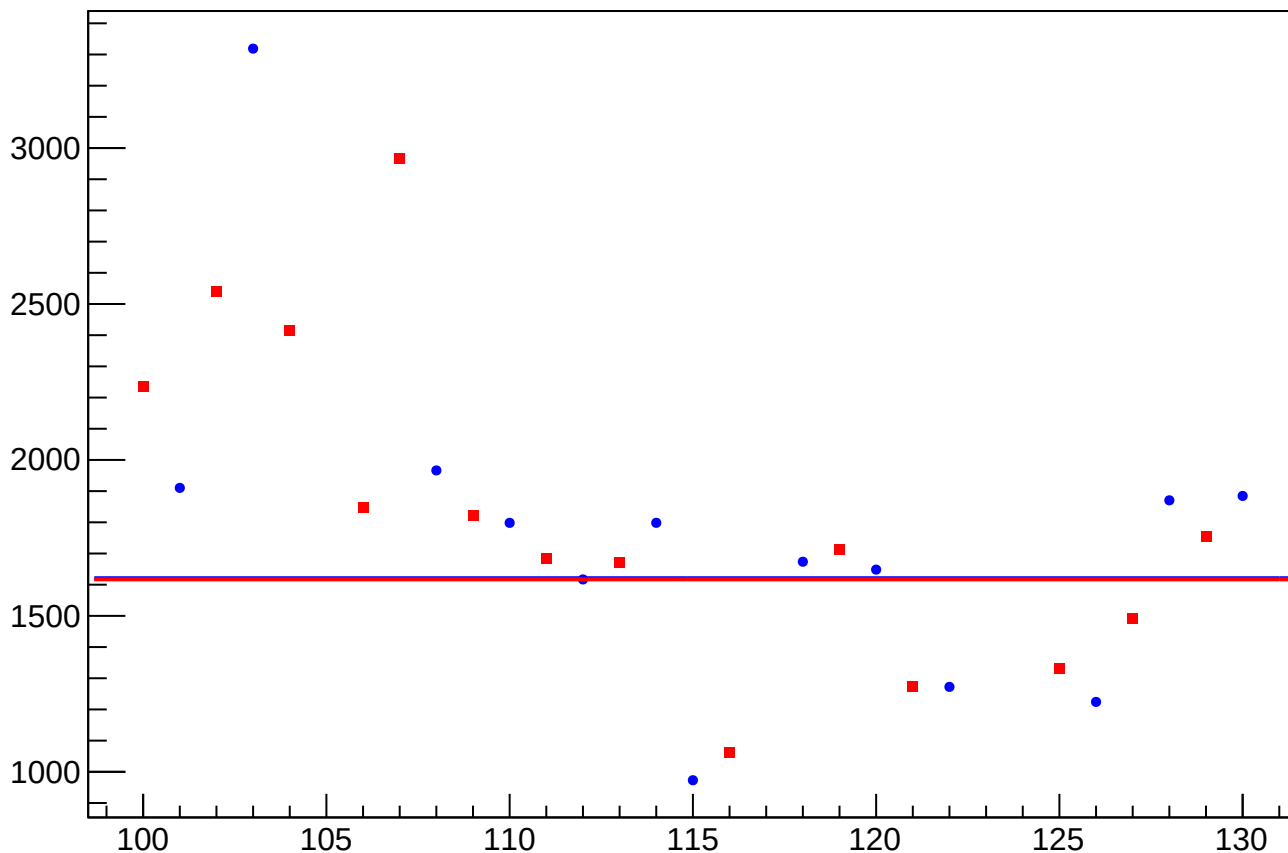
Right: 994.441+/-504.042 χ^2/NDF : 23.8/26

In: 430.195+/-715.333 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 994.441+/-504.042 χ^2/NDF : 23.8/26

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1620.734+/-0.506 χ^2/NDF : 683192.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1617.141+/-0.502 χ^2/NDF : 625428.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

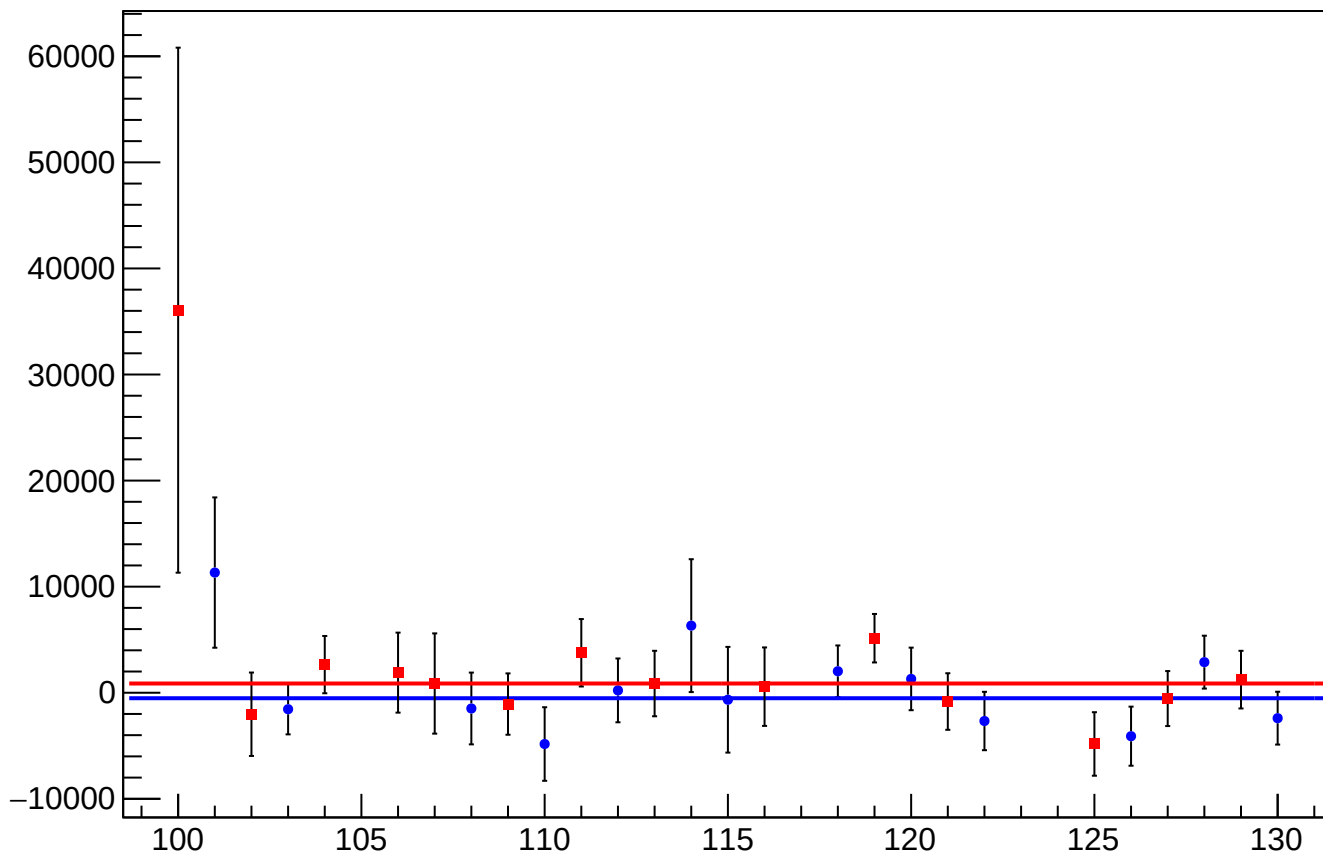
Right: 1618.925+/-0.356 χ^2/NDF : 1308645.8/26

In: 1620.734+/-0.506 χ^2/NDF : 683192.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1618.925+/-0.356 χ^2/NDF : 1308645.8/26

dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -517.567+/-841.522 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 870.015+/-832.408 χ^2/NDF : 12.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

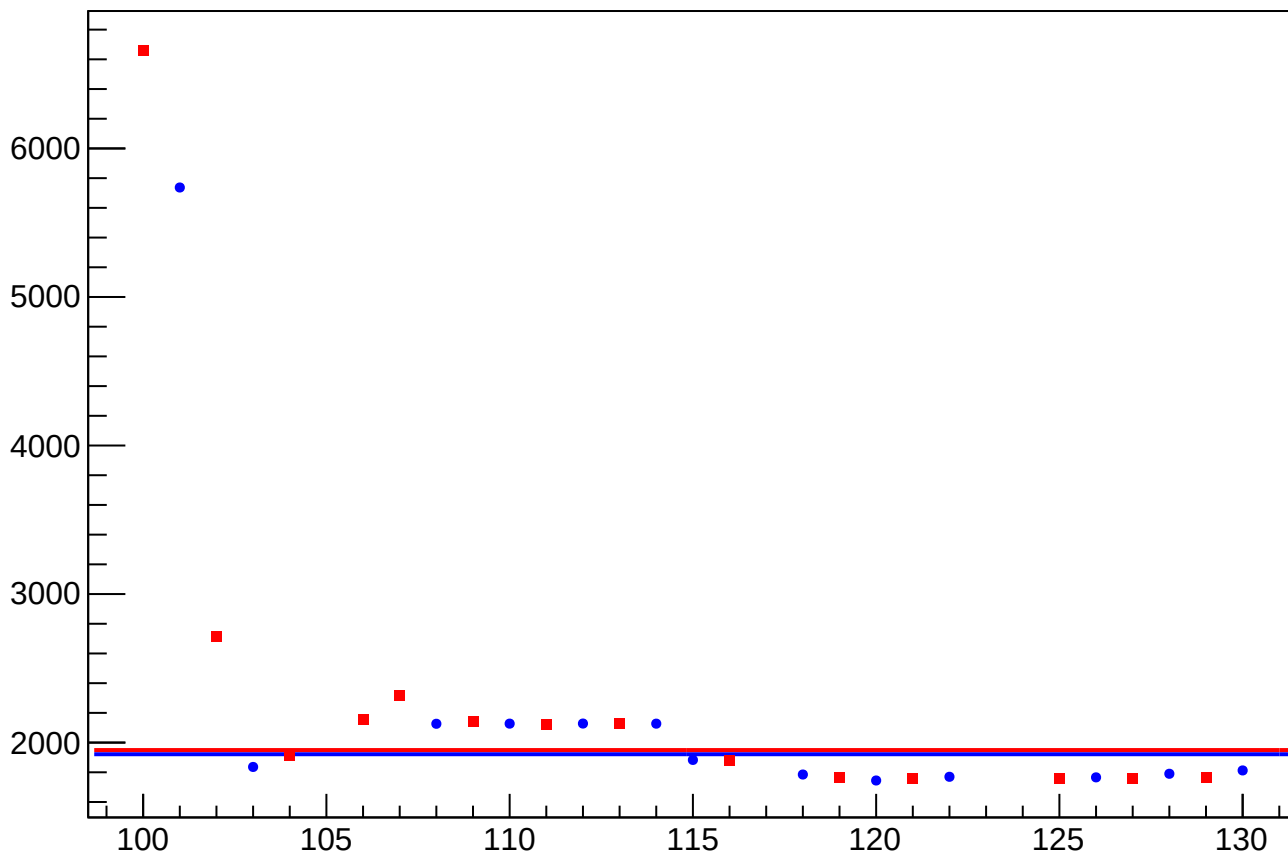
Right: 183.778+/-591.797 χ^2/NDF : 25.6/26

In: -517.567+/-841.522 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.778+/-591.797 χ^2/NDF : 25.6/26

dit_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1921.627+/-0.595 χ^2/NDF : 644038.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1949.671+/-0.589 χ^2/NDF : 239758.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

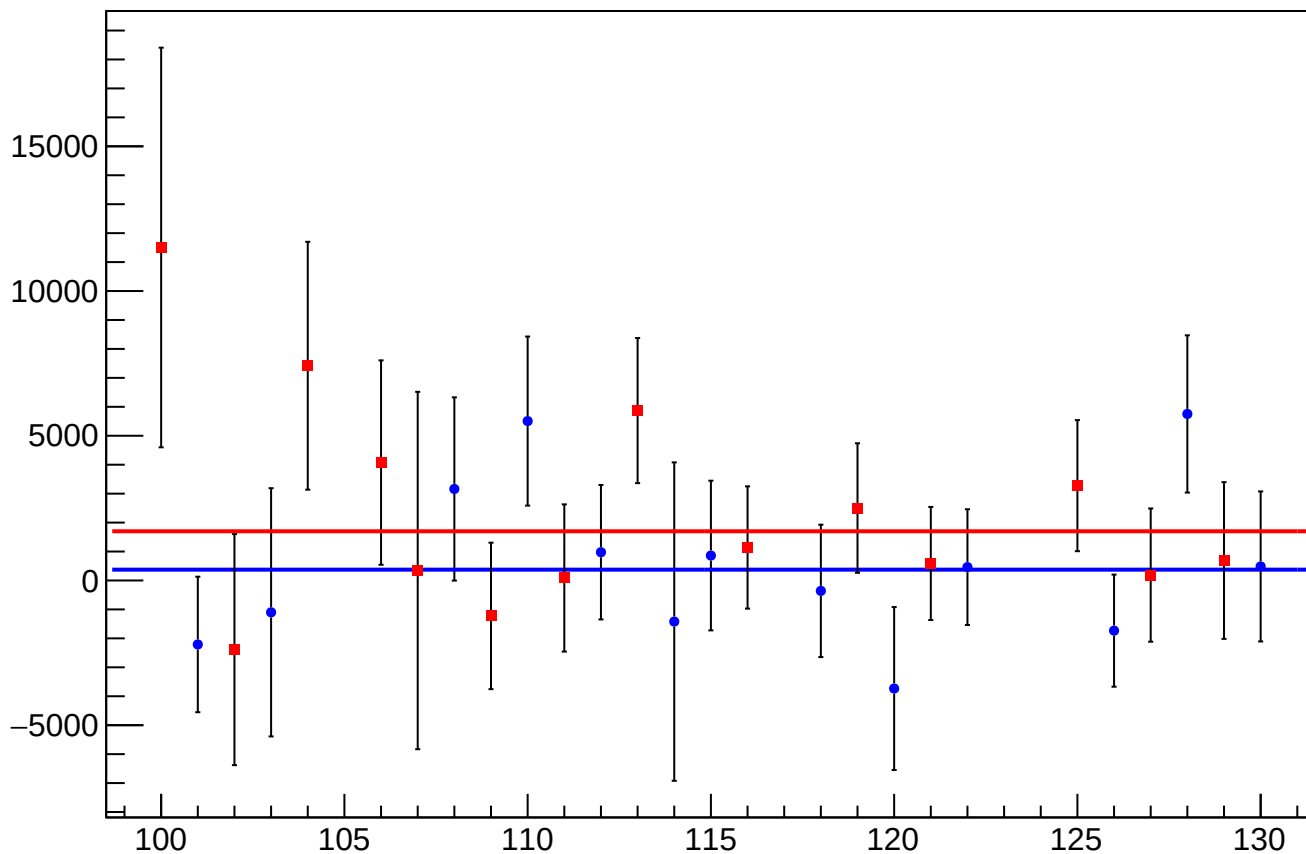
Right: 1935.802+/-0.418 χ^2/NDF : 884918.9/26

In: 1921.627+/-0.595 χ^2/NDF : 644038.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1935.802+/-0.418 χ^2/NDF : 884918.9/26

asym_us_dd_at1lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 374.061+/-717.925 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1700.171+/-721.525 χ^2/NDF : 11.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

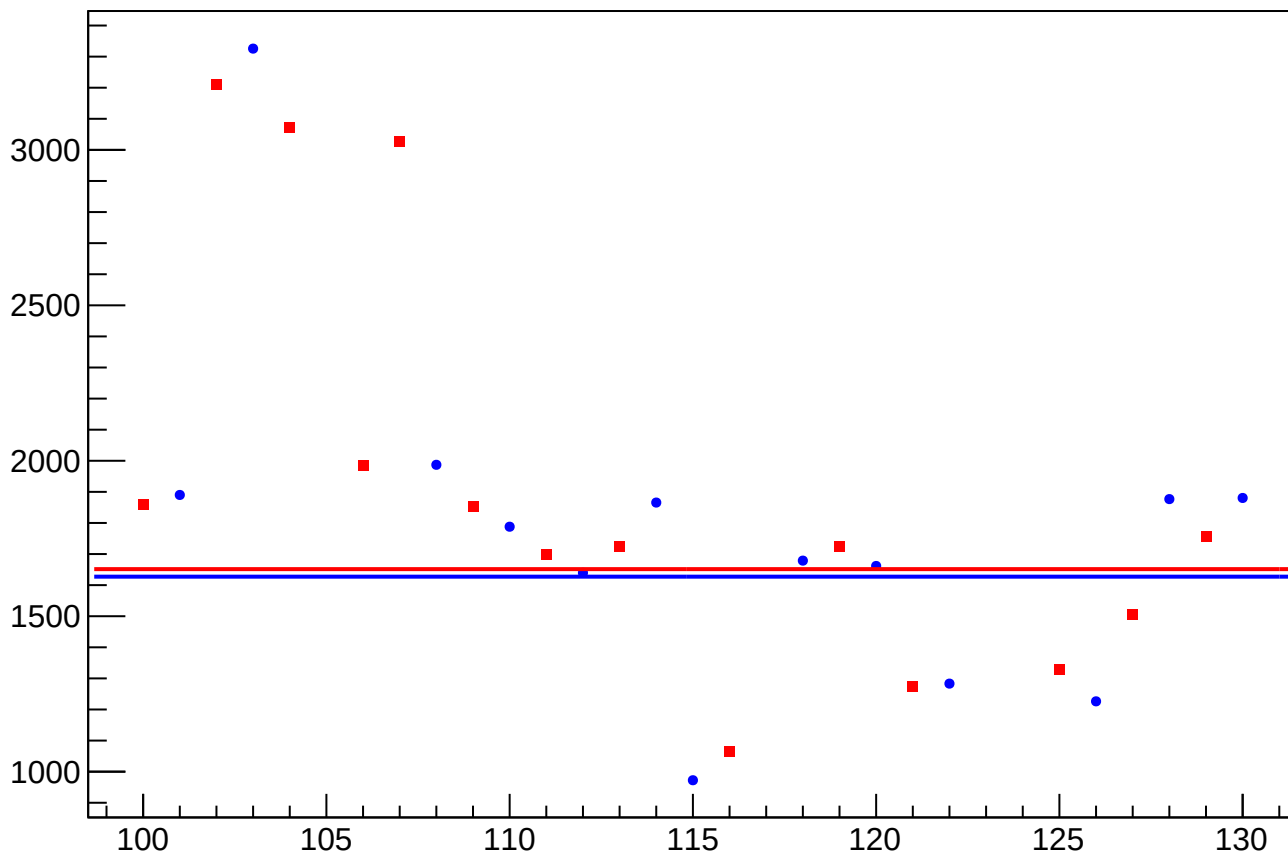
Right: 1033.800+/-508.918 χ^2/NDF : 25.9/26

In: 374.061+/-717.925 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1033.800+/-508.918 χ^2/NDF : 25.9/26

asym_us_dd_at1lr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1627.250+/-0.508 χ^2/NDF : 685046.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1651.506+/-0.510 χ^2/NDF : 941443.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

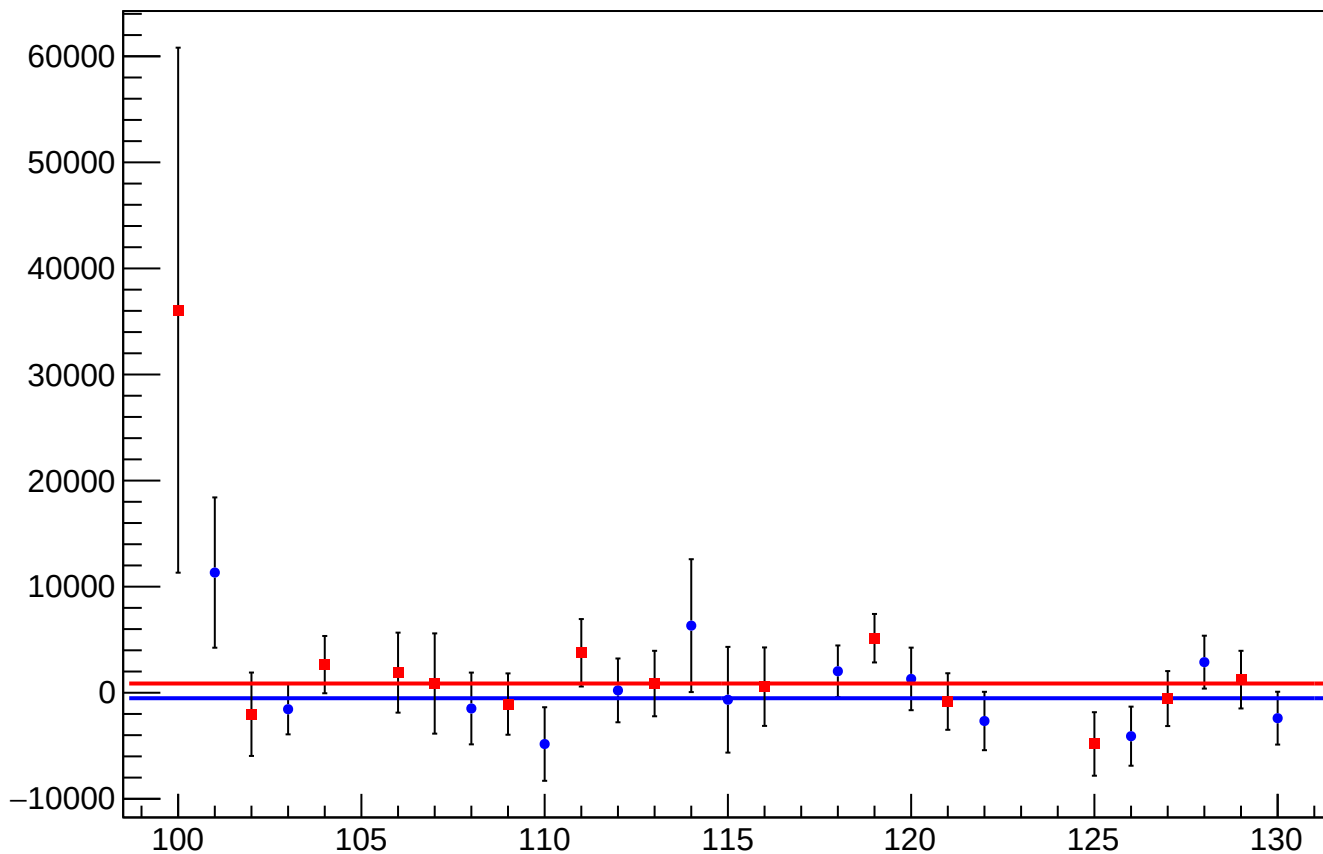
Right: 1639.317+/-0.360 χ^2/NDF : 1627625.6/26

In: 1627.250+/-0.508 χ^2/NDF : 685046.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1639.317+/-0.360 χ^2/NDF : 1627625.6/26

eigen_dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -517.568+/-841.522 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 870.014+/-832.408 χ^2/NDF : 12.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

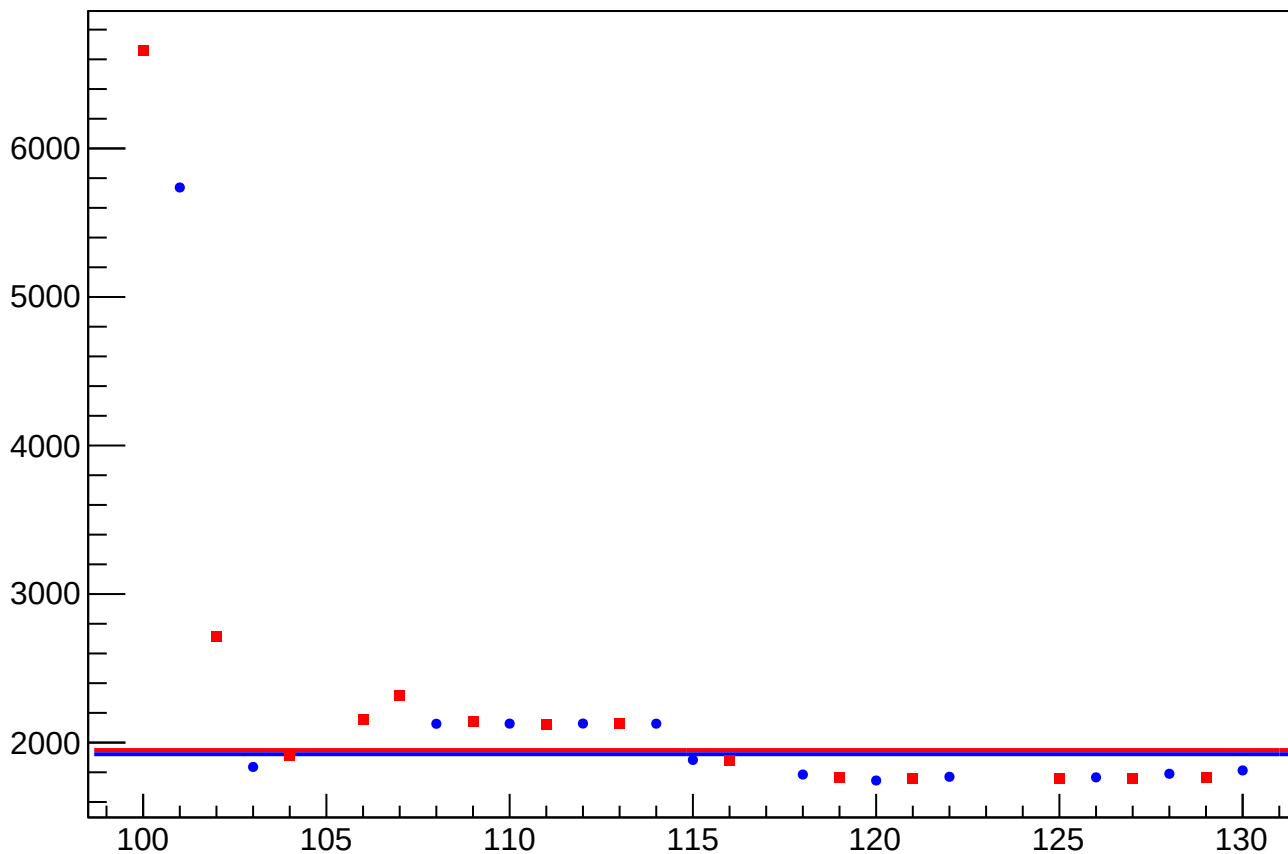
Right: 183.777+/-591.797 χ^2/NDF : 25.6/26

In: -517.568+/-841.522 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.777+/-591.797 χ^2/NDF : 25.6/26

eigen_dit_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1921.627+/-0.595 χ^2/NDF : 644038.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1949.671+/-0.589 χ^2/NDF : 239758.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

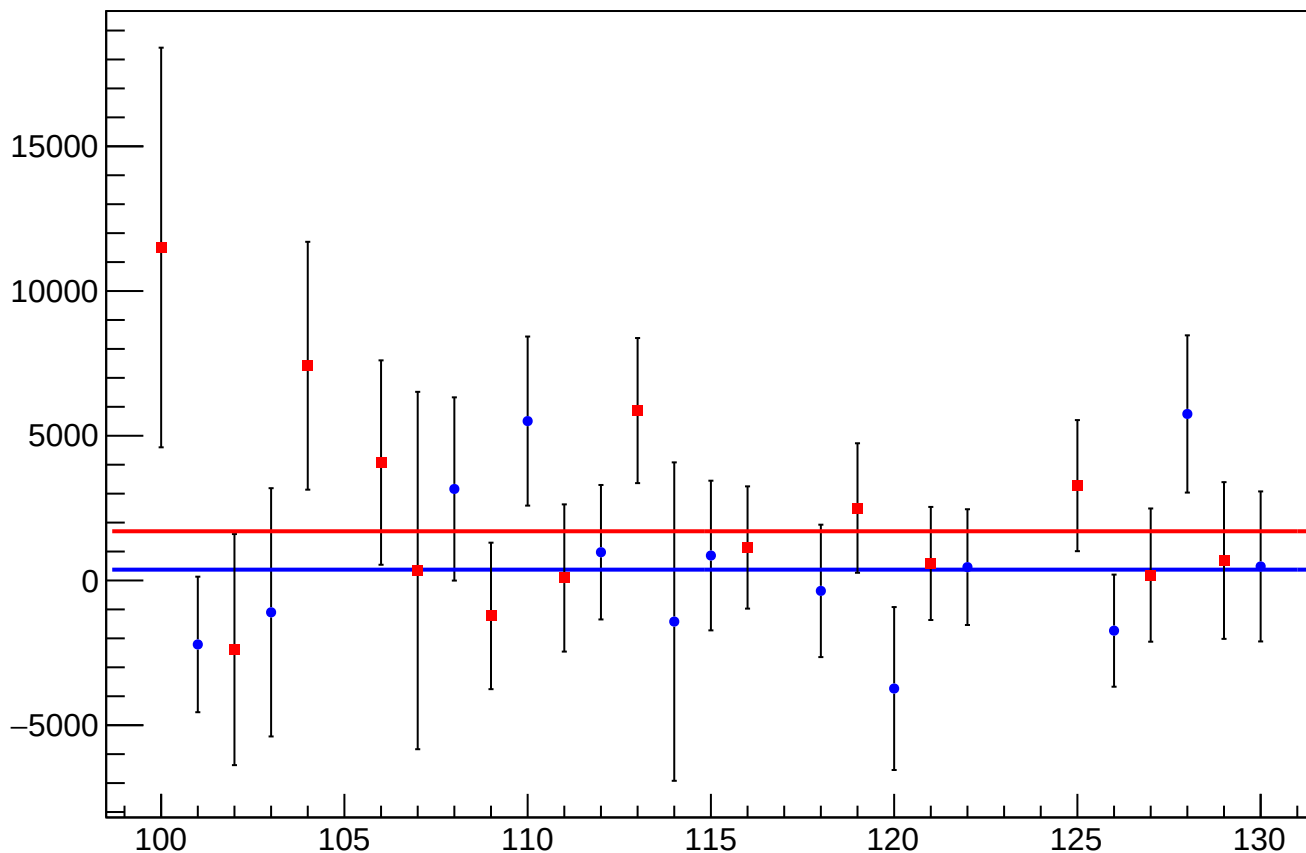
Right: 1935.802+/-0.418 χ^2/NDF : 884918.8/26

In: 1921.627+/-0.595 χ^2/NDF : 644038.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1935.802+/-0.418 χ^2/NDF : 884918.8/26

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 374.062+/-717.923 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1700.167+/-721.523 χ^2/NDF : 11.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

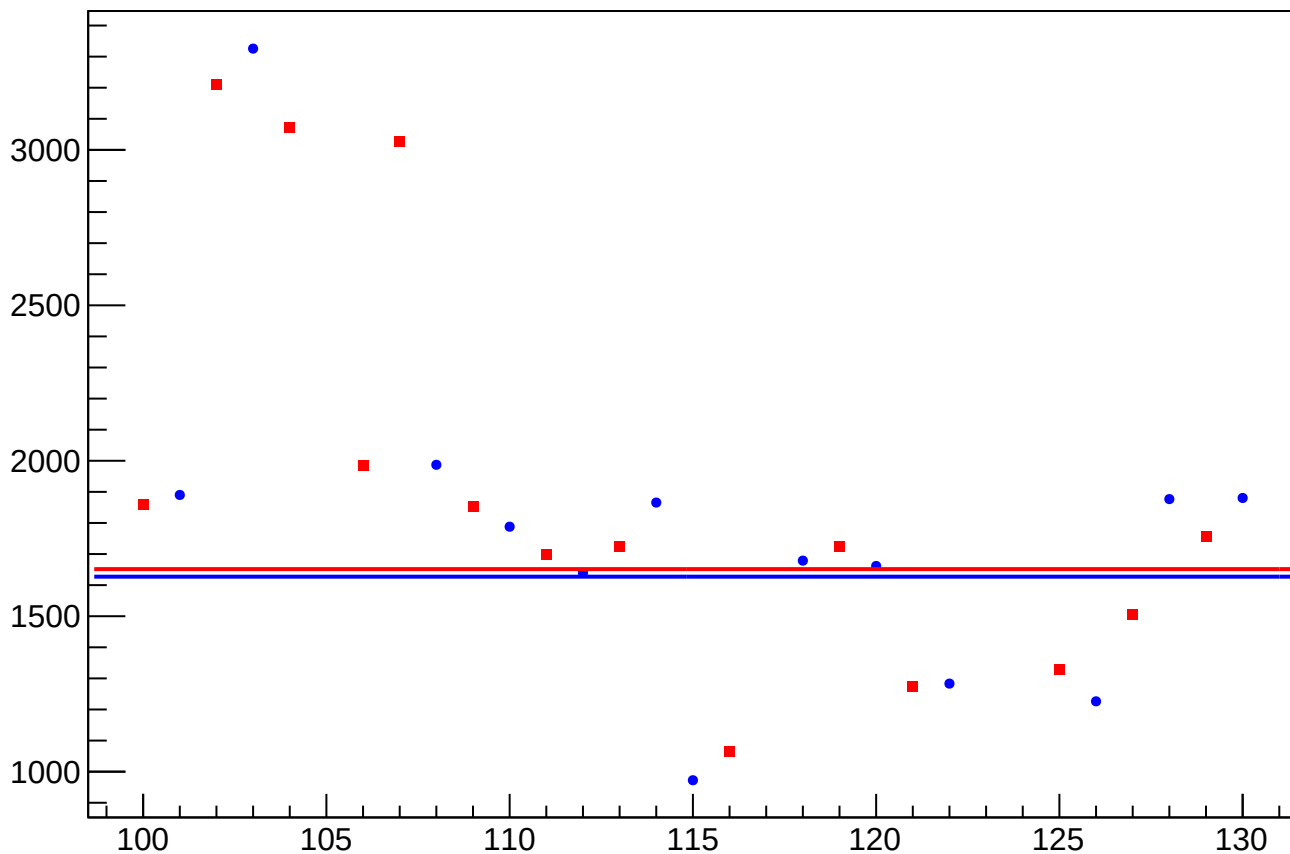
Right: 1033.798+/-508.917 χ^2/NDF : 25.9/26

In: 374.062+/-717.923 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1033.798+/-508.917 χ^2/NDF : 25.9/26

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1627.246+/-0.508 χ^2/NDF : 685047.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1651.503+/-0.510 χ^2/NDF : 941448.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

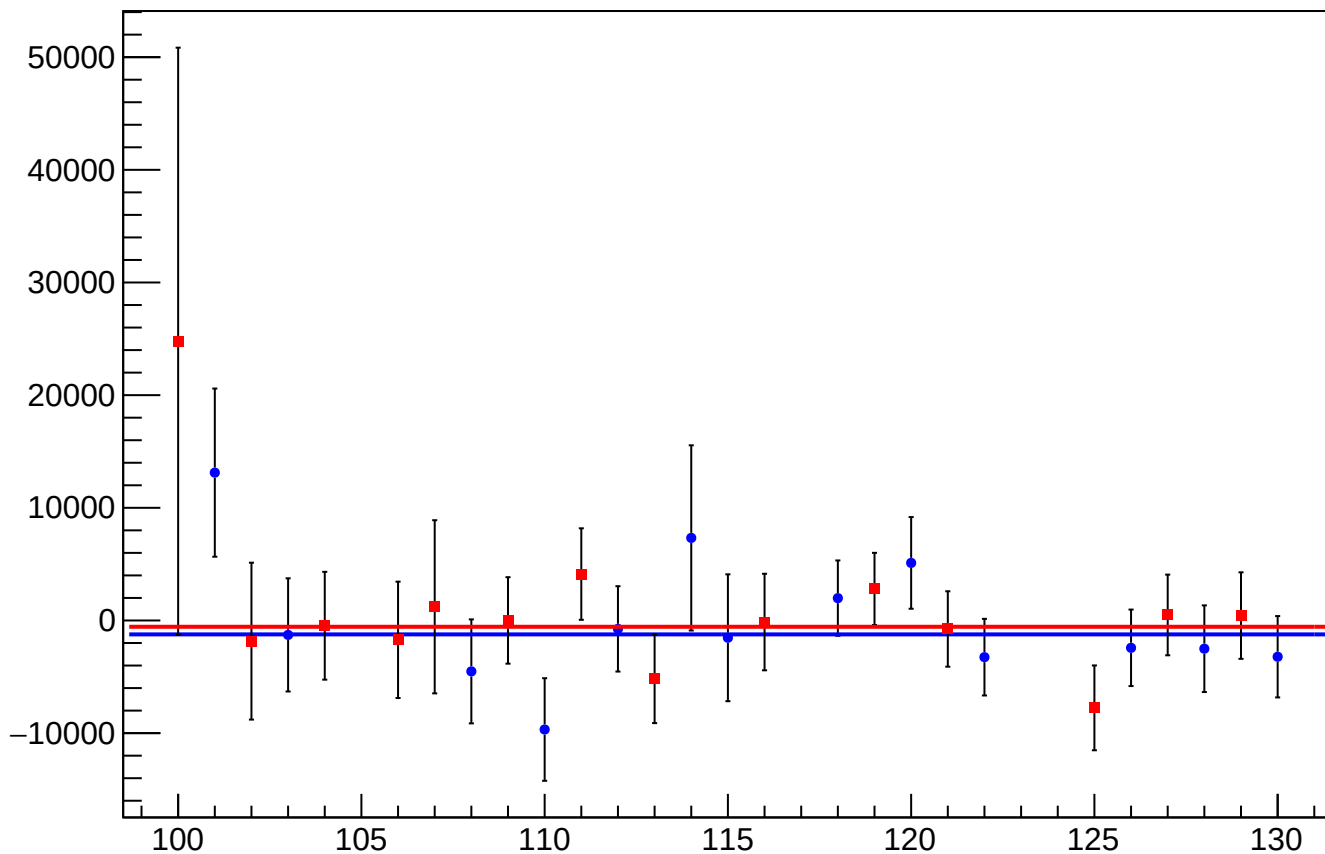
Right: 1639.314+/-0.360 χ^2/NDF : 1627631.3/26

In: 1627.246+/-0.508 χ^2/NDF : 685047.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1639.314+/-0.360 χ^2/NDF : 1627631.3/26

asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -1234.939 $\pm$ 1165.565 χ^2 /NDF: 13.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -559.062 $\pm$ 1138.955 χ^2 /NDF: 8.7/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

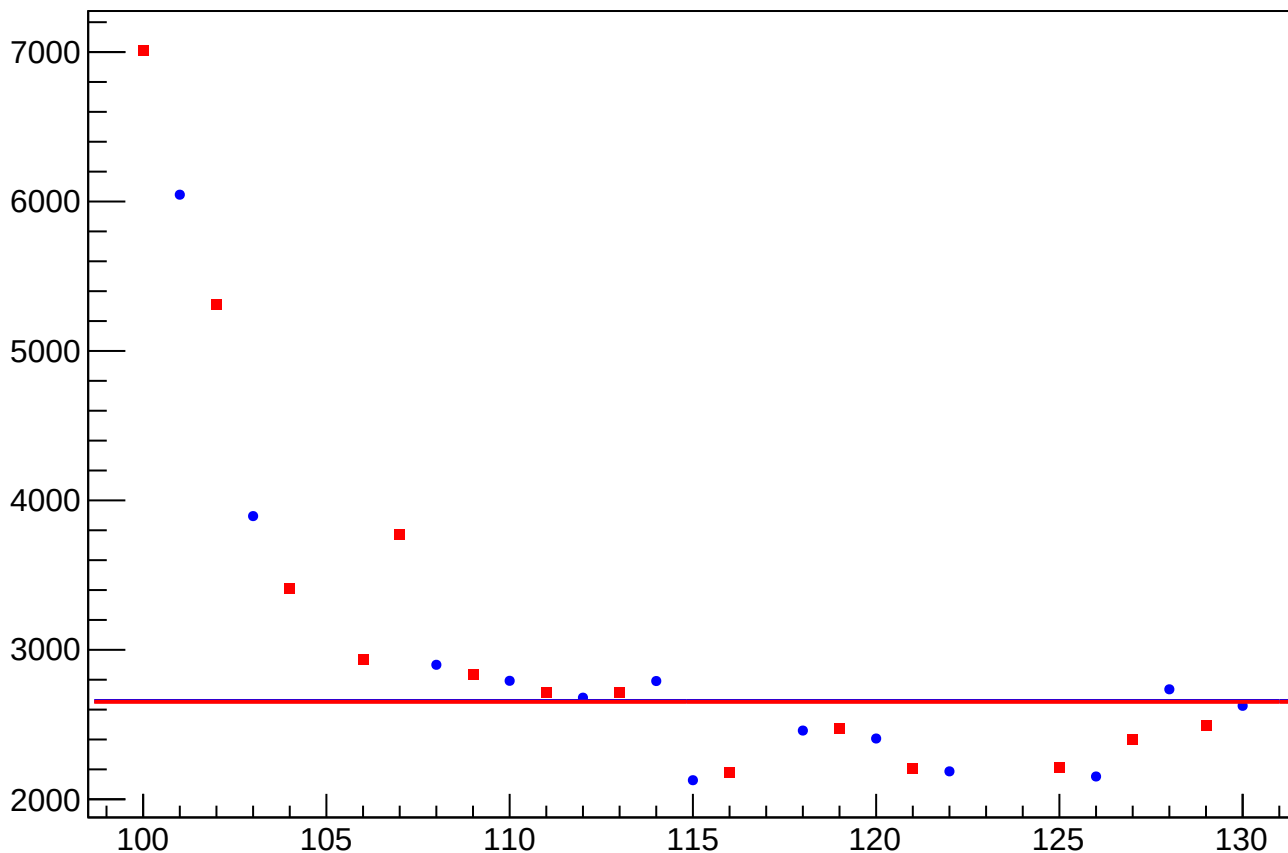
Right: -889.198 $\pm$ 814.608 χ^2 /NDF: 21.9/26

In: -1234.939 $\pm$ 1165.565 χ^2 /NDF: 13.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -889.198 $\pm$ 814.608 χ^2 /NDF: 21.9/26

asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2657.576+/-0.824 χ^2/NDF : 657223.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2652.113+/-0.805 χ^2/NDF : 558412.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

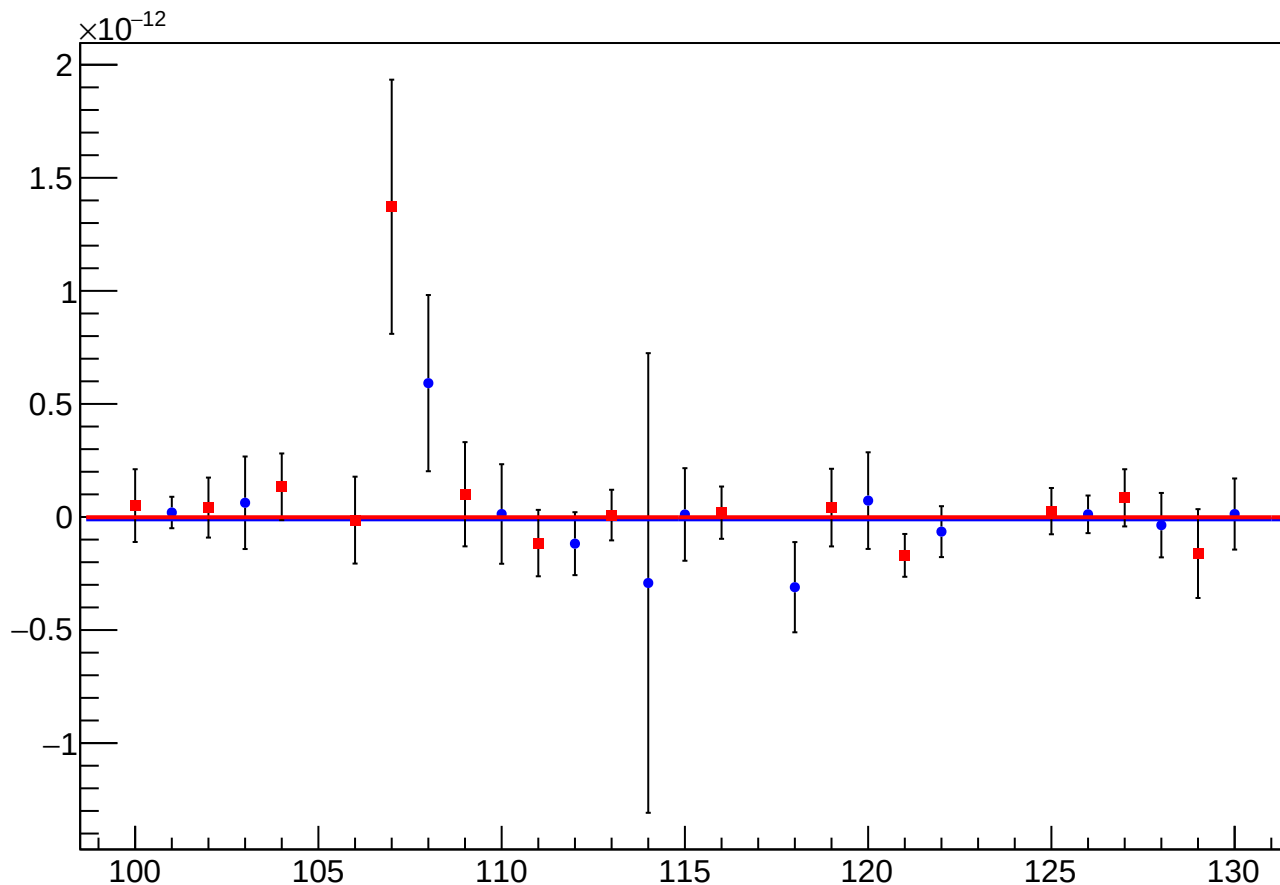
Right: 2654.782+/-0.576 χ^2/NDF : 1215658.1/26

In: 2657.576+/-0.824 χ^2/NDF : 657223.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2654.782+/-0.576 χ^2/NDF : 1215658.1/26

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

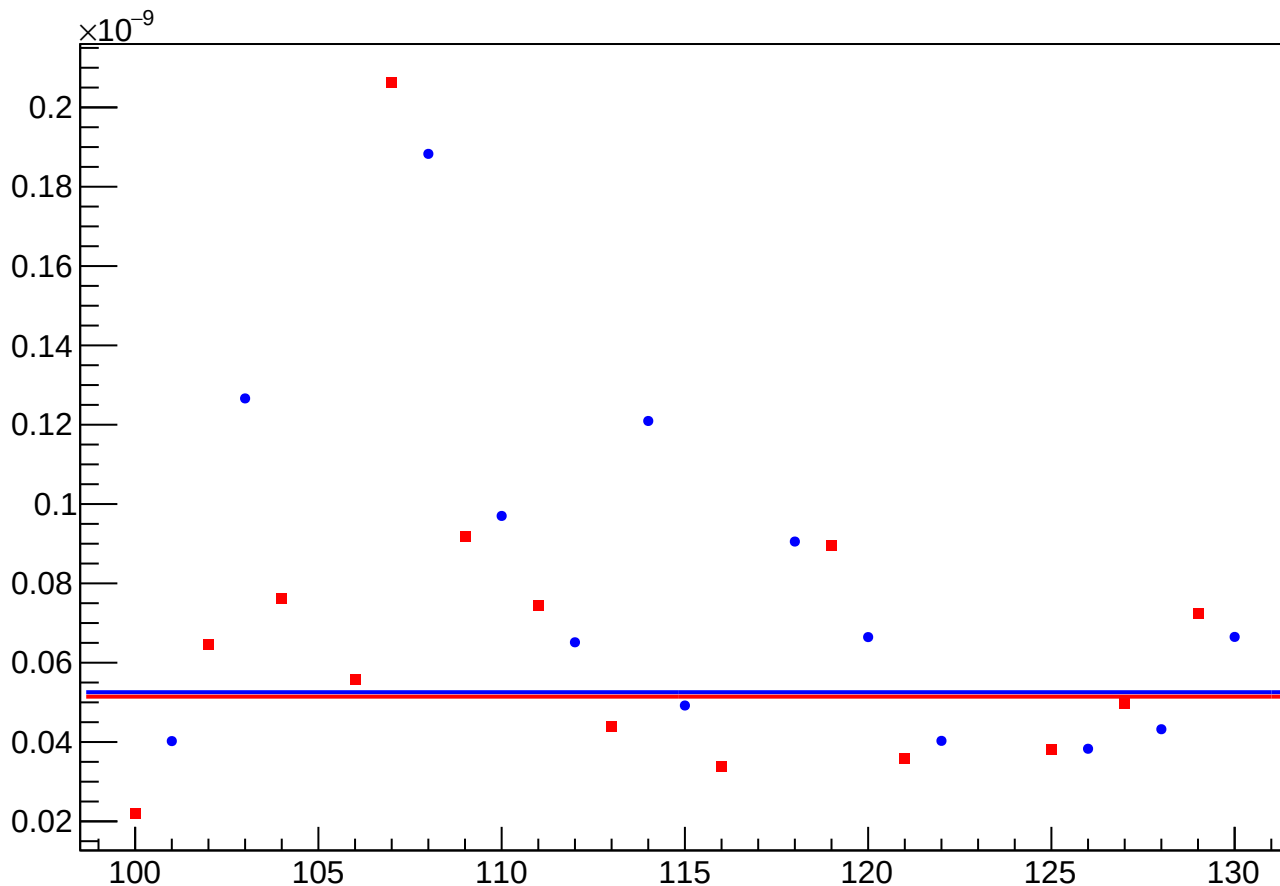
Right: -0.000+/-0.000 χ^2/NDF : 18.5/26

In: -0.000+/-0.000 χ^2/NDF : 6.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.5/26

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 862870.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 670666.4/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

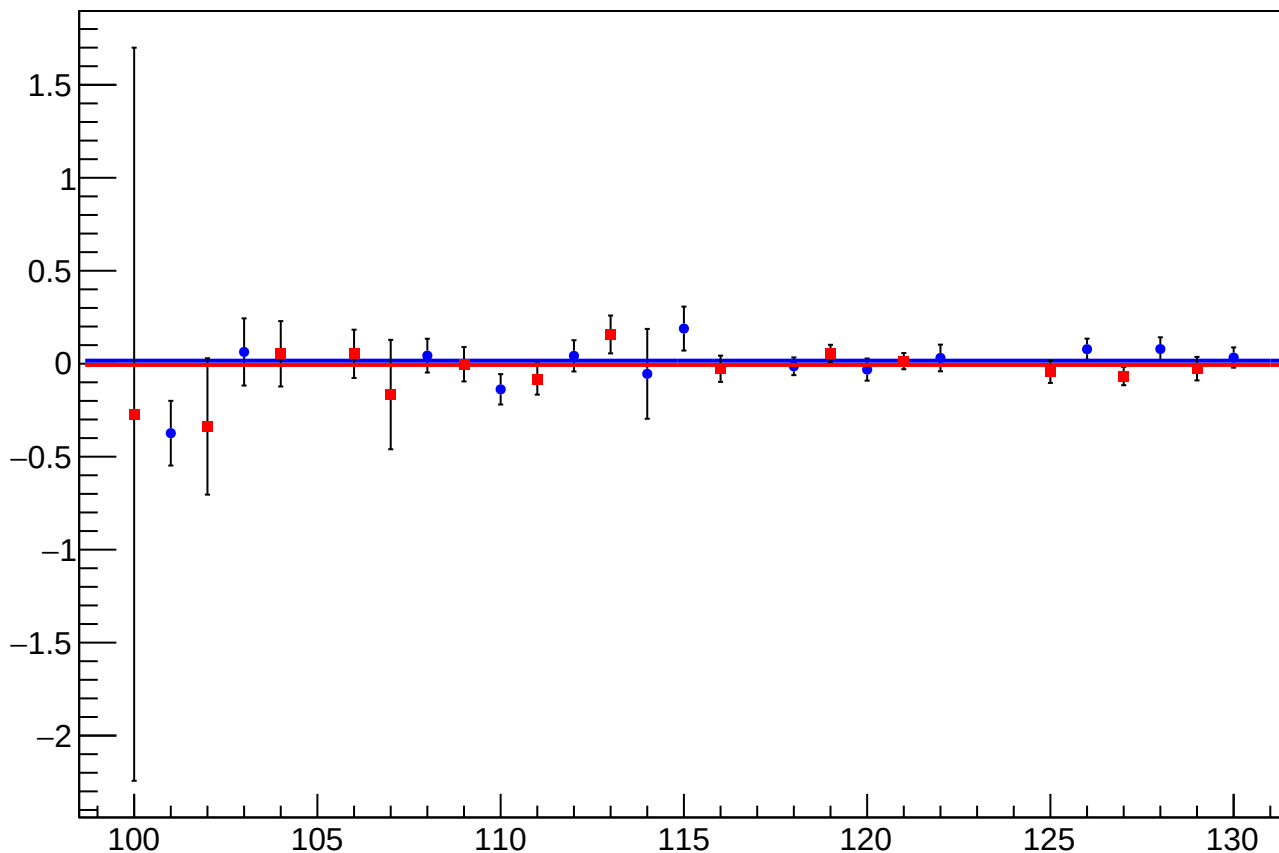
Right: 0.000+/-0.000 χ^2/NDF : 1534422.5/26

In: 0.000+/-0.000 χ^2/NDF :862870.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1534422.5/26

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.016+/-0.020 χ^2/NDF : 14.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.007+/-0.020 χ^2/NDF : 8.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

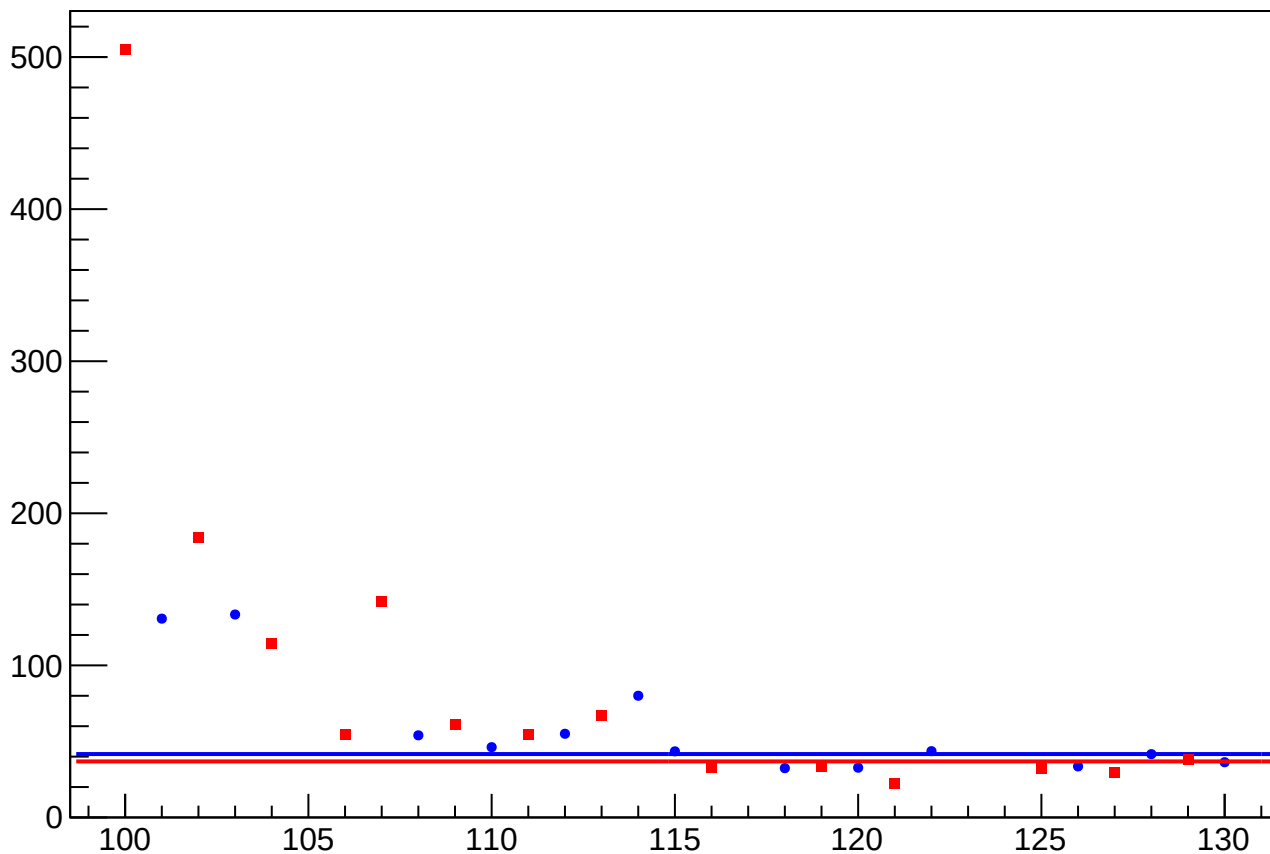
Right: 0.004+/-0.014 χ^2/NDF : 23.9/26

In: 0.016+/-0.020 χ^2/NDF : 14.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.014 χ^2/NDF : 23.9/26

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.690+/-0.014 χ^2/NDF : 1366335.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.847+/-0.014 χ^2/NDF : 1828288.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

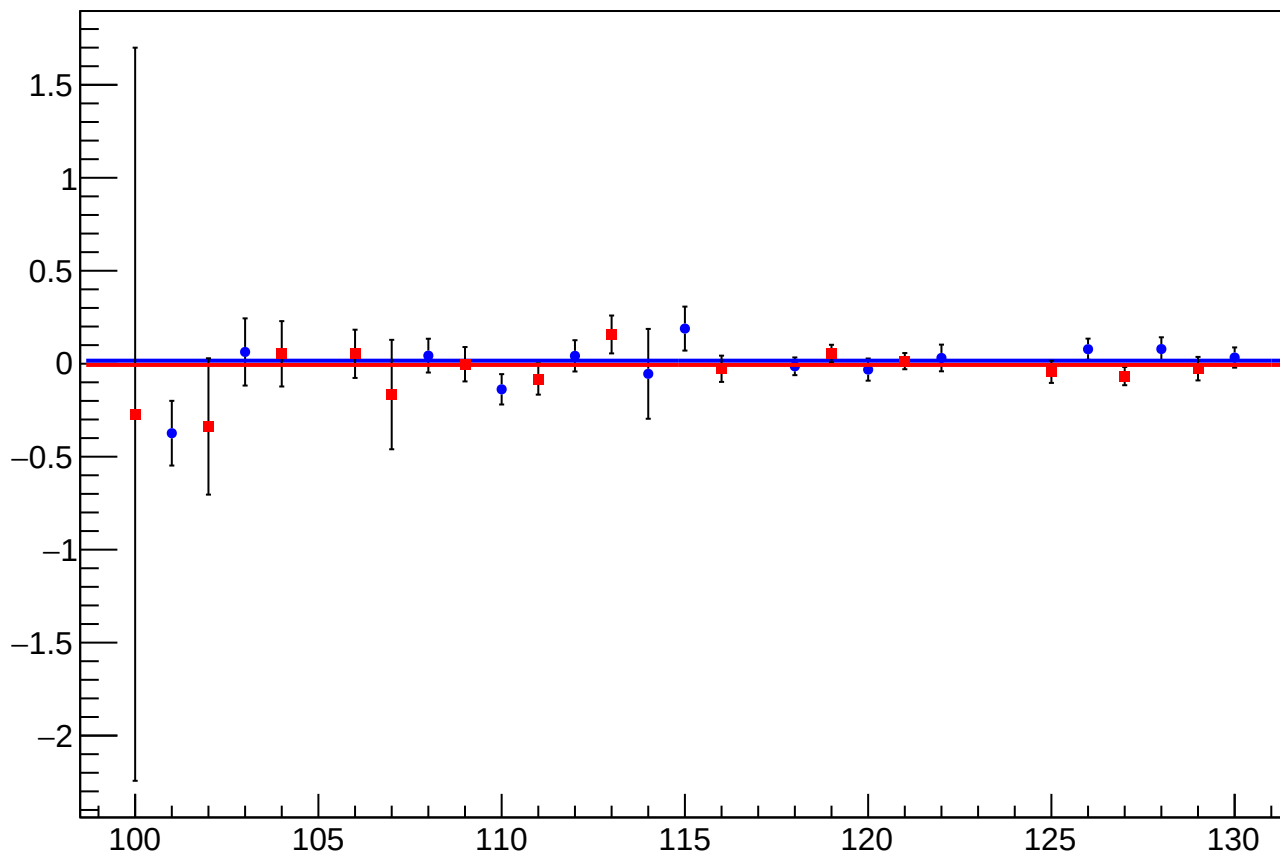
Right: 39.165+/-0.010 χ^2/NDF : 3252831.0/26

In: 41.690+/-0.014 χ^2/NDF : 1366335.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.165+/-0.010 χ^2/NDF : 3252831.0/26

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.016+/-0.020 χ^2/NDF : 14.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.007+/-0.020 χ^2/NDF : 8.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

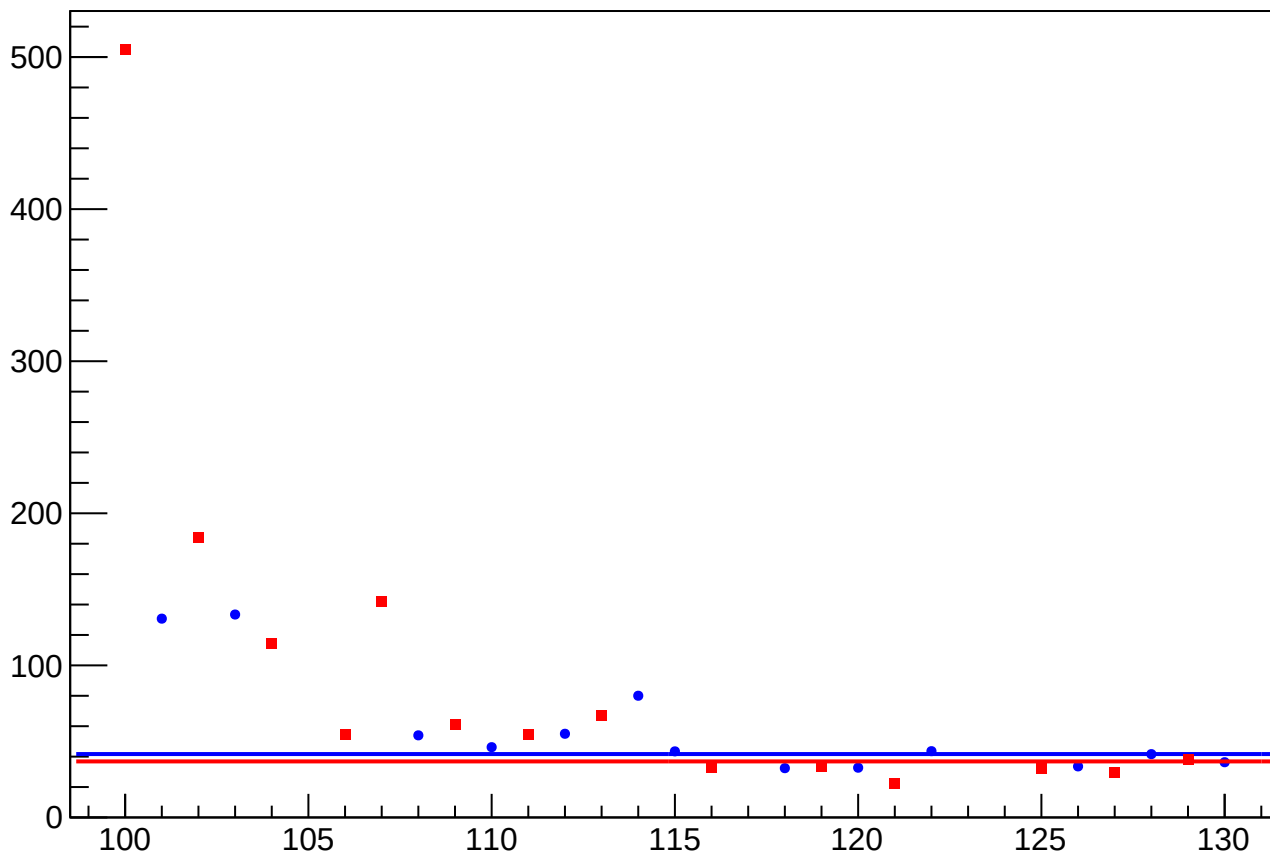
Right: 0.004+/-0.014 χ^2/NDF : 23.9/26

In: 0.016+/-0.020 χ^2/NDF : 14.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.014 χ^2/NDF : 23.9/26

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.690+/-0.014 χ^2/NDF : 1366335.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.847+/-0.014 χ^2/NDF : 1828288.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

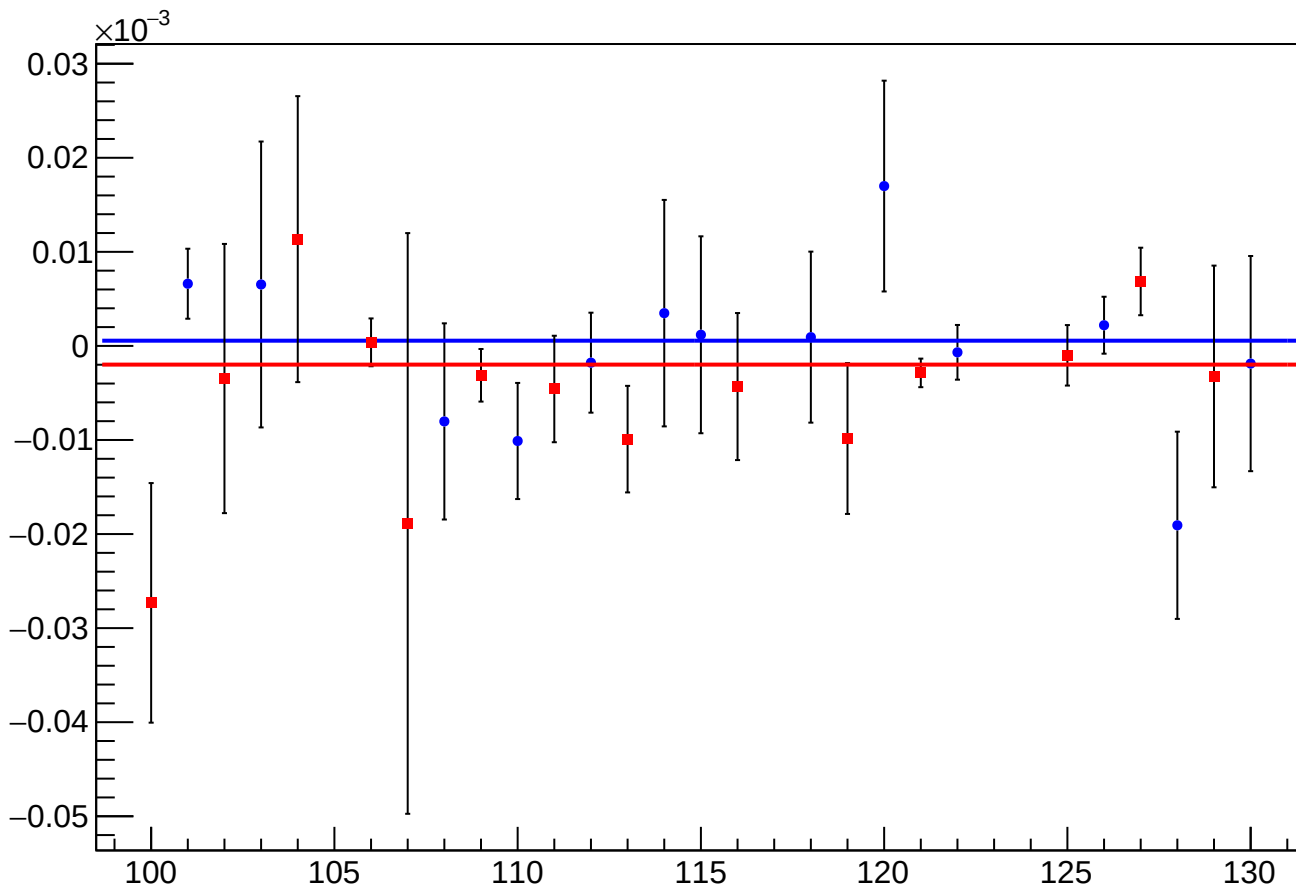
Right: 39.165+/-0.010 χ^2/NDF : 3252831.0/26

In: 41.690+/-0.014 χ^2/NDF : 1366335.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.165+/-0.010 χ^2/NDF : 3252831.0/26

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

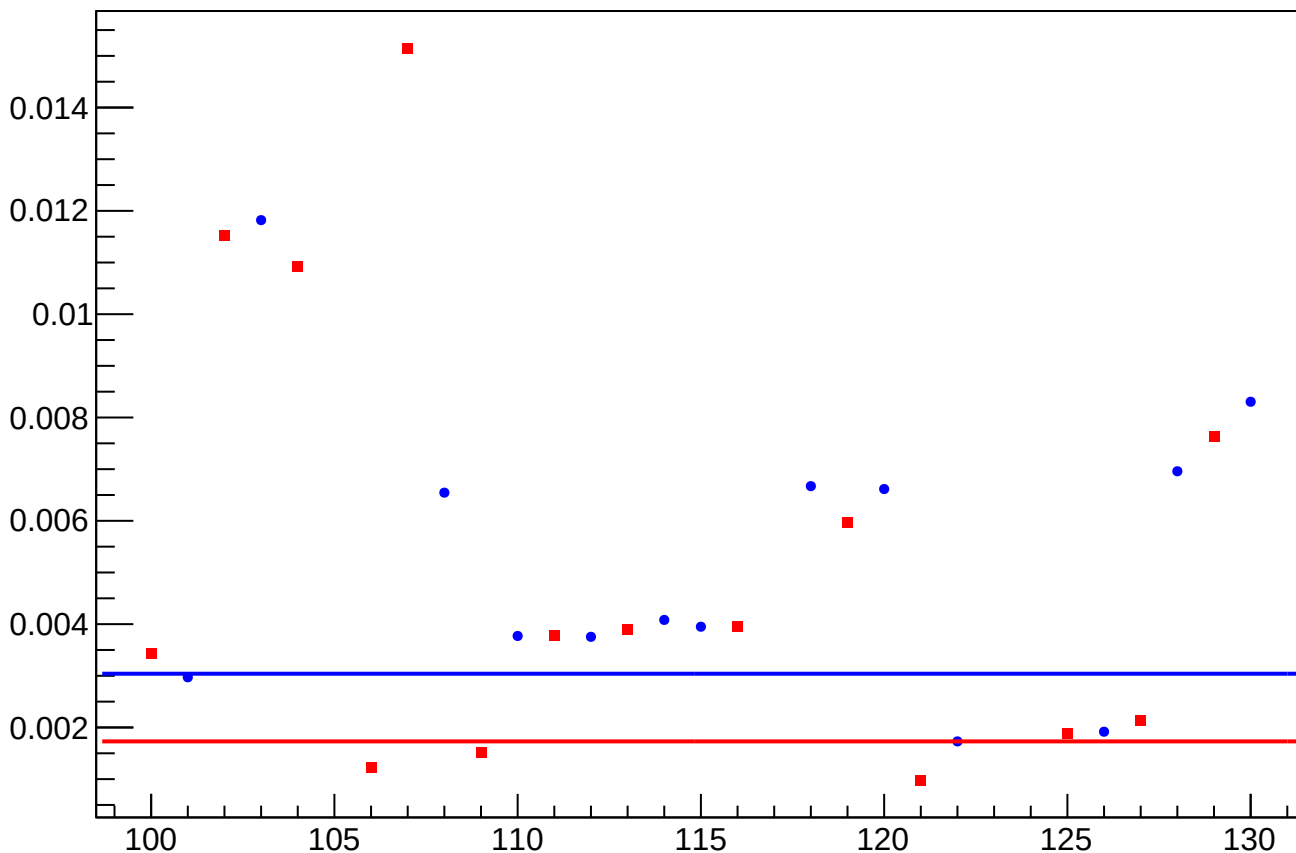
Right: -0.000+/-0.000 χ^2/NDF : 31.0/26

In: 0.000+/-0.000 χ^2/NDF : 13.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.0/26

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000

χ^2/NDF : 2926321.3/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000

χ^2/NDF : 4480803.0/13

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.002+/-0.000

χ^2/NDF : 8439657.0/26

In: 0.003+/-0.000

χ^2/NDF : 2926321.3/12

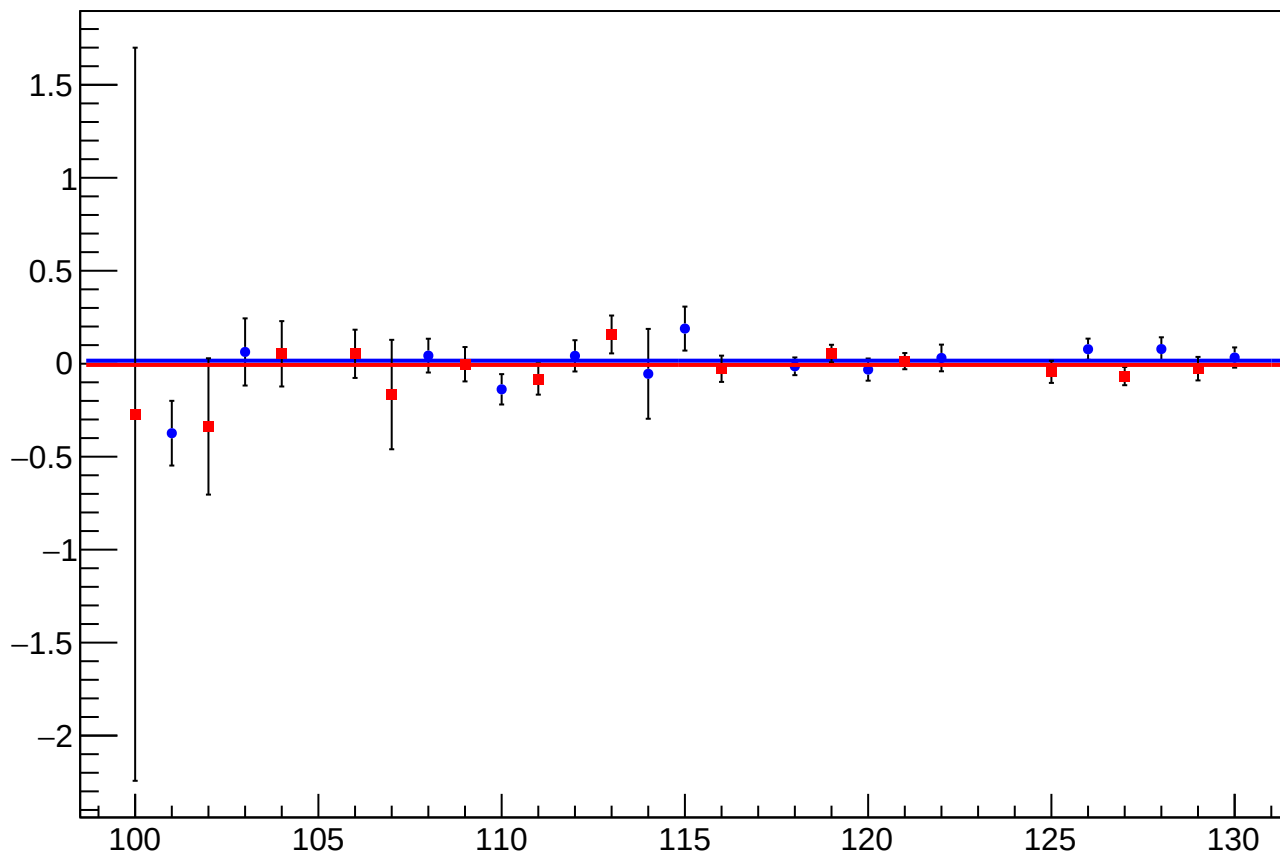
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.002+/-0.000

χ^2/NDF : 8439657.0/26

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.016+/-0.020 χ^2/NDF : 14.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.007+/-0.020 χ^2/NDF : 8.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

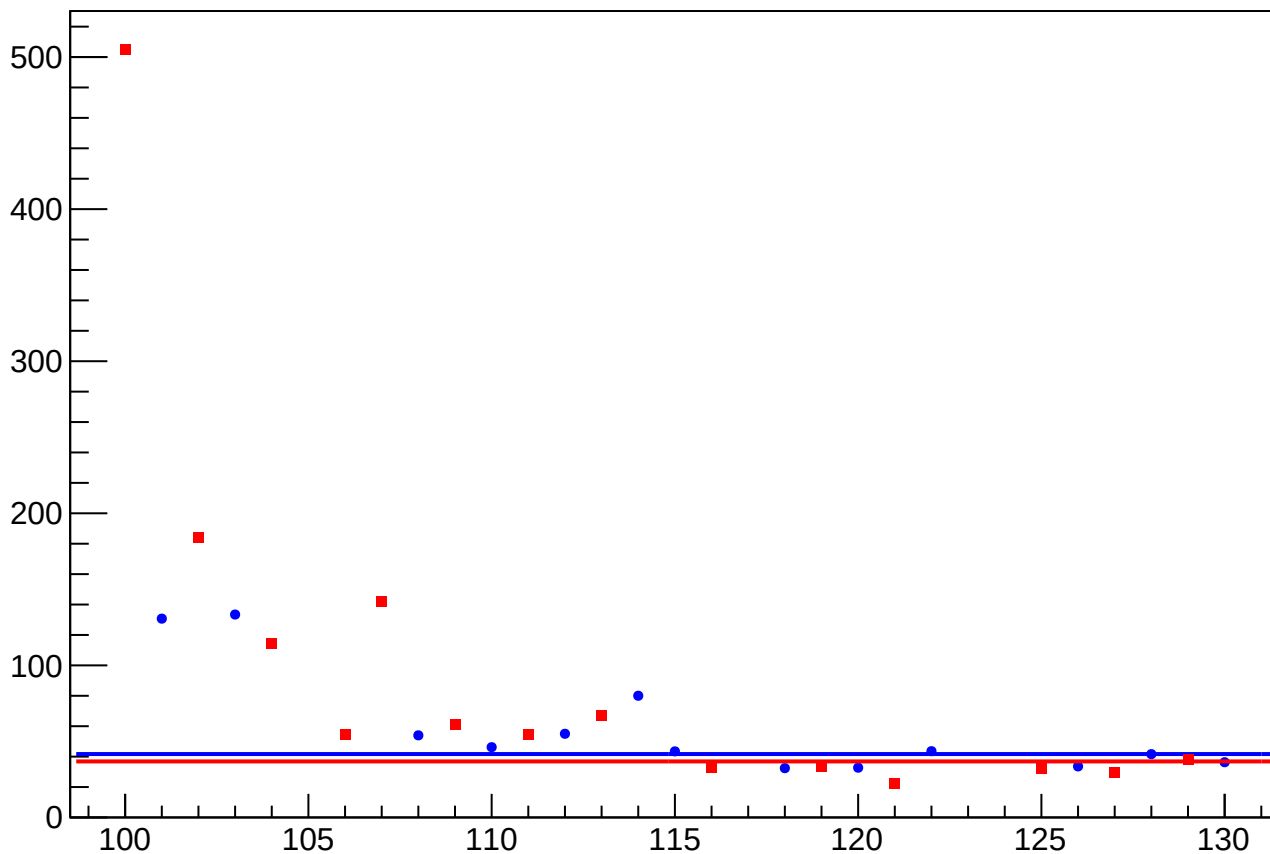
Right: 0.004+/-0.014 χ^2/NDF : 23.9/26

In: 0.016+/-0.020 χ^2/NDF : 14.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.014 χ^2/NDF : 23.9/26

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.690+/-0.014 χ^2/NDF : 1366235.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.845+/-0.014 χ^2/NDF : 1828289.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

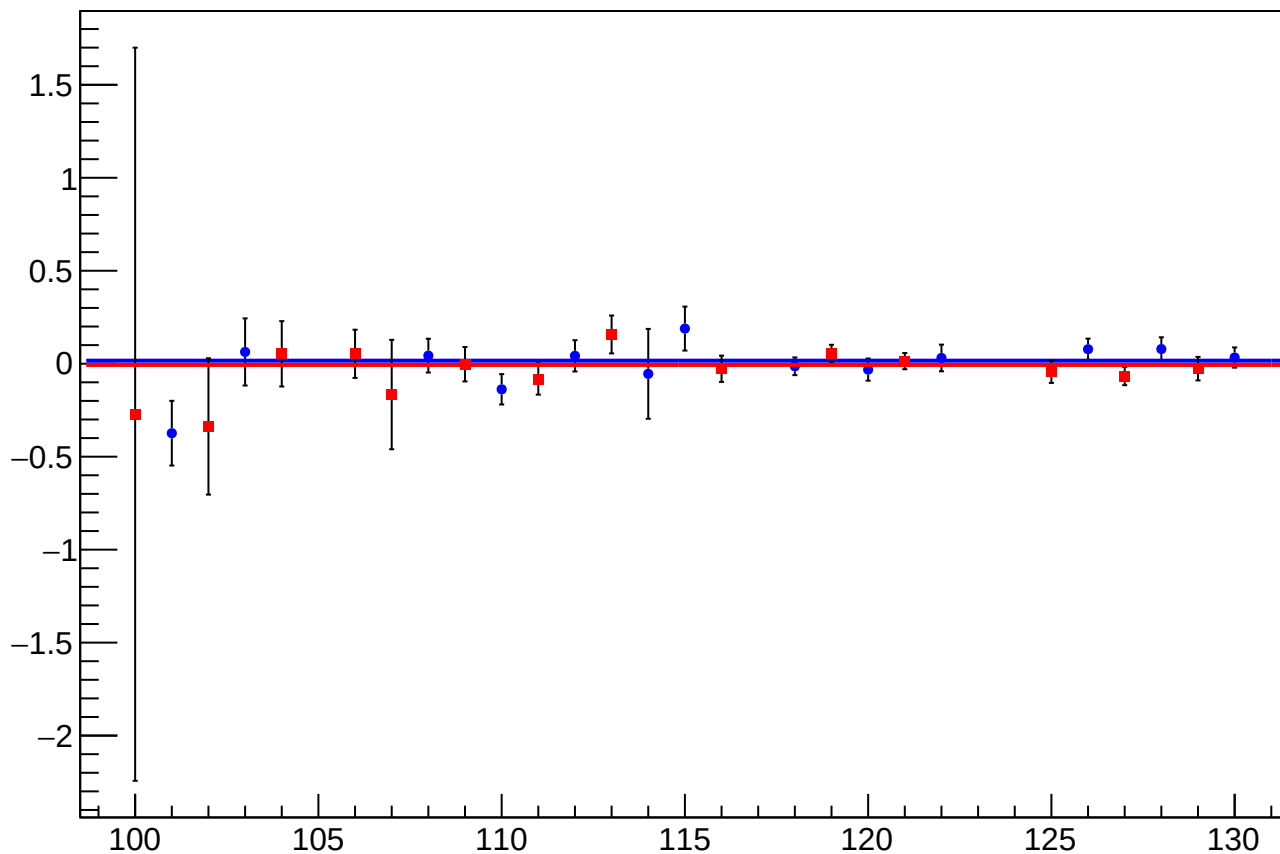
Right: 39.165+/-0.010 χ^2/NDF : 3252776.3/26

In: 41.690+/-0.014 χ^2/NDF : 1366235.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.165+/-0.010 χ^2/NDF : 3252776.3/26

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.016+/-0.020 χ^2/NDF : 14.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.007+/-0.020 χ^2/NDF : 8.8/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

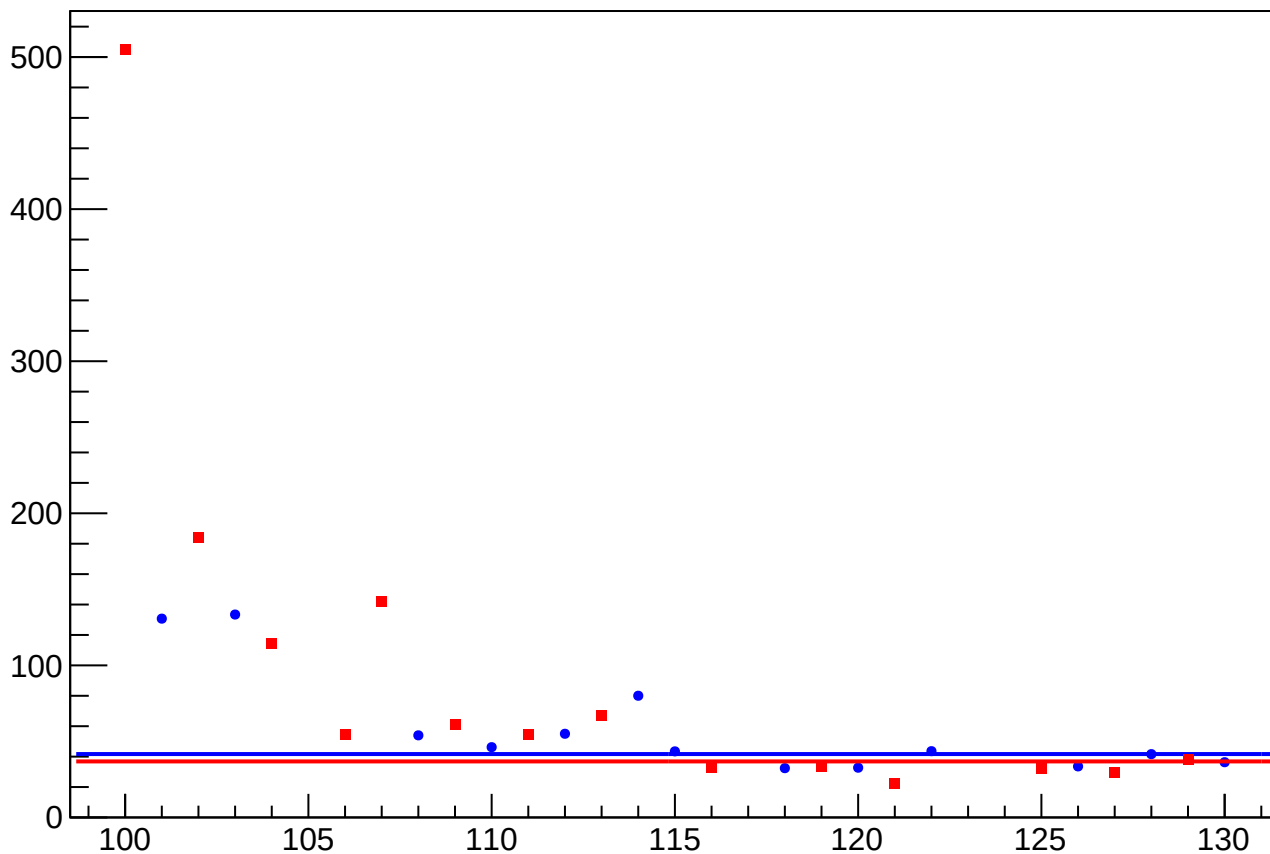
Right: 0.004+/-0.014 χ^2/NDF : 23.9/26

In: 0.016+/-0.020 χ^2/NDF :14.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.014 χ^2/NDF : 23.9/26

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.690 $\pm$ 0.014 χ^2 /NDF: 1366235.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 36.845 $\pm$ 0.014 χ^2 /NDF: 1828289.8/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

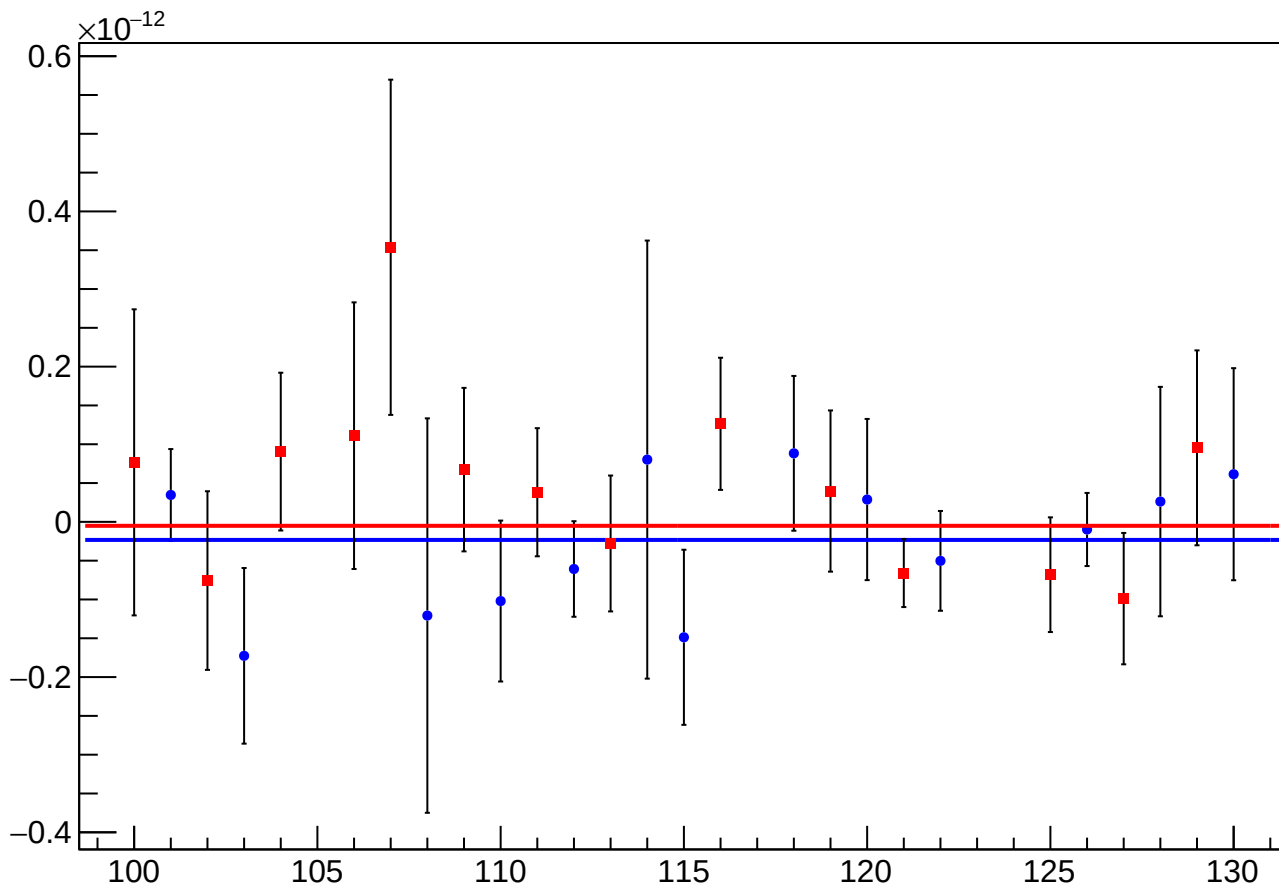
Right: 39.165 $\pm$ 0.010 χ^2 /NDF: 3252776.3/26

In: 41.690 $\pm$ 0.014 χ^2 /NDF:1366235.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 39.165 $\pm$ 0.010 χ^2 /NDF: 3252776.3/26

asym_us_dd_at1lr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

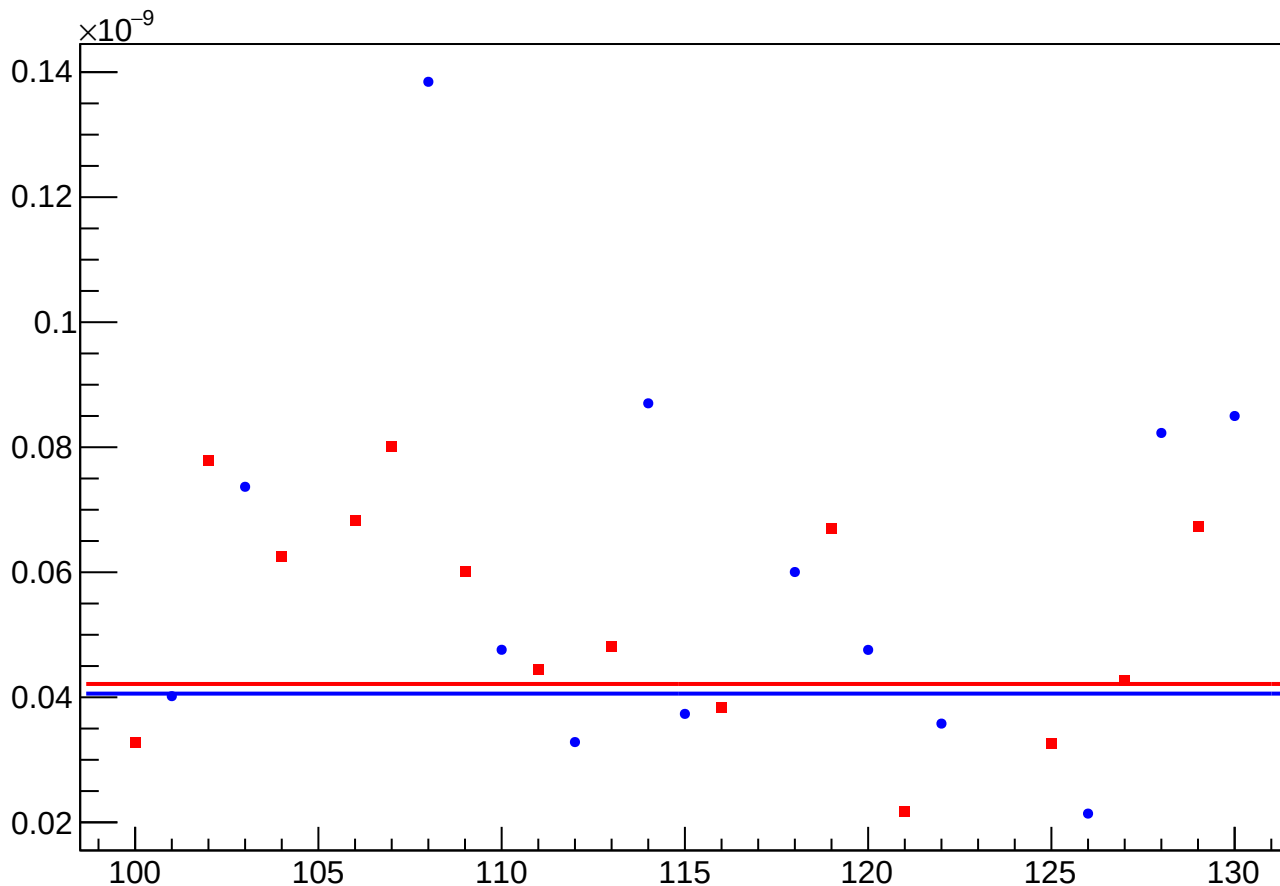
Right: -0.000+/-0.000 χ^2/NDF : 20.3/26

In: -0.000+/-0.000 χ^2/NDF : 7.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.3/26

asym_us_dd_at1lr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1363166.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1122362.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

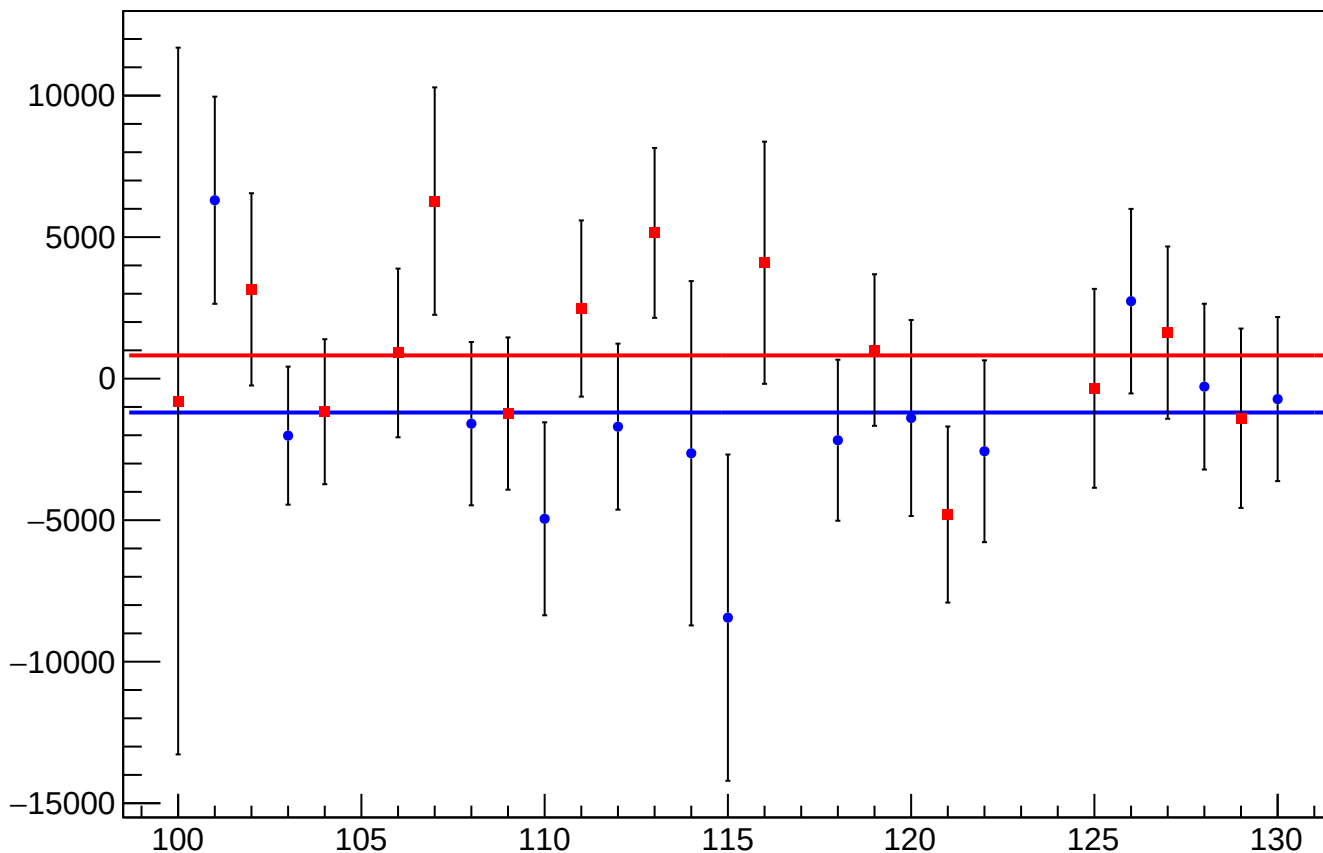
Right: 0.000+/-0.000 χ^2/NDF : 2489777.2/26

In: 0.000+/-0.000 χ^2/NDF : 1363166.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2489777.2/26

reg_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1196.223 ± 892.244 χ^2/NDF : 9.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 821.280 ± 857.992 χ^2/NDF : 10.4/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

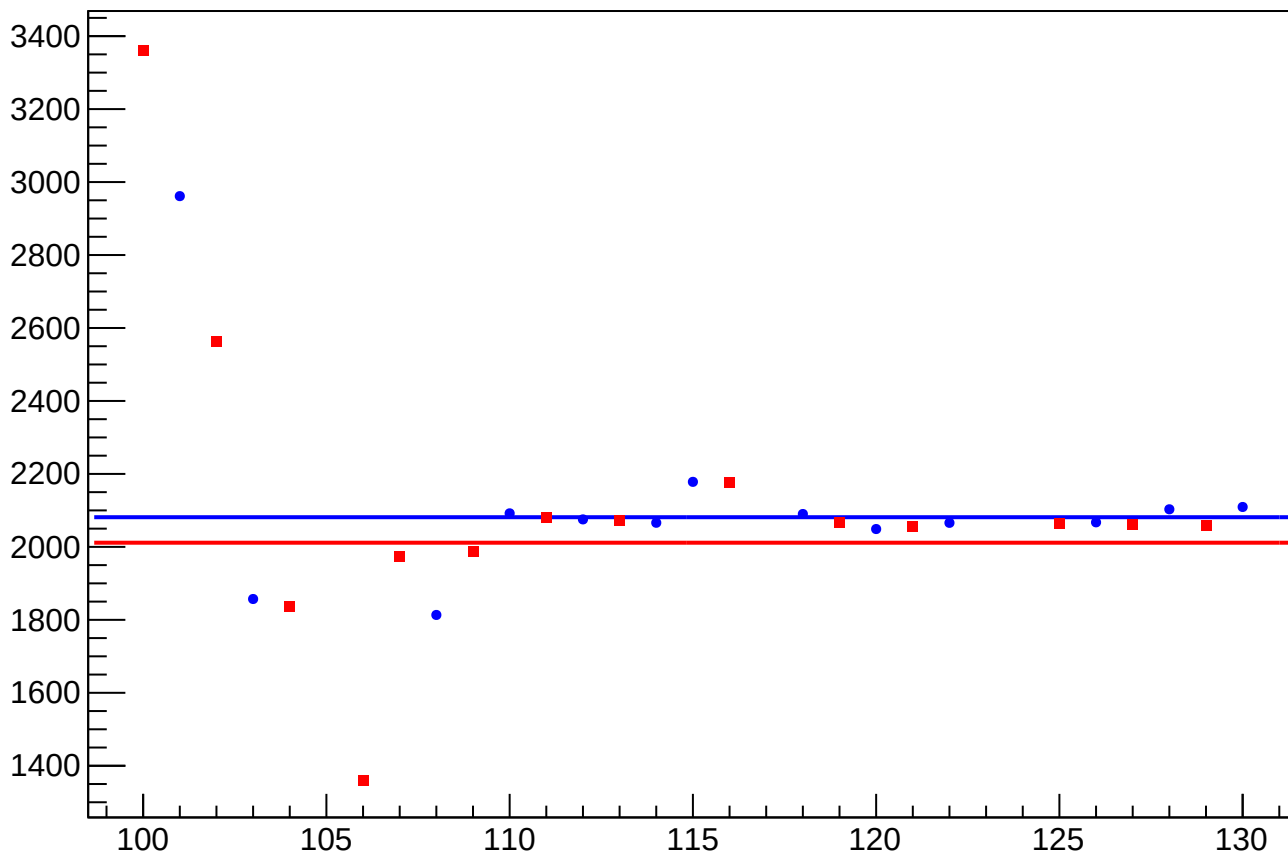
Right: -148.004 ± 618.447 χ^2/NDF : 22.2/26

In: -1196.223 ± 892.244 χ^2/NDF : 9.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -148.004 ± 618.447 χ^2/NDF : 22.2/26

reg_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2081.338+/-0.631 χ^2/NDF : 151022.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2011.446+/-0.607 χ^2/NDF : 188415.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

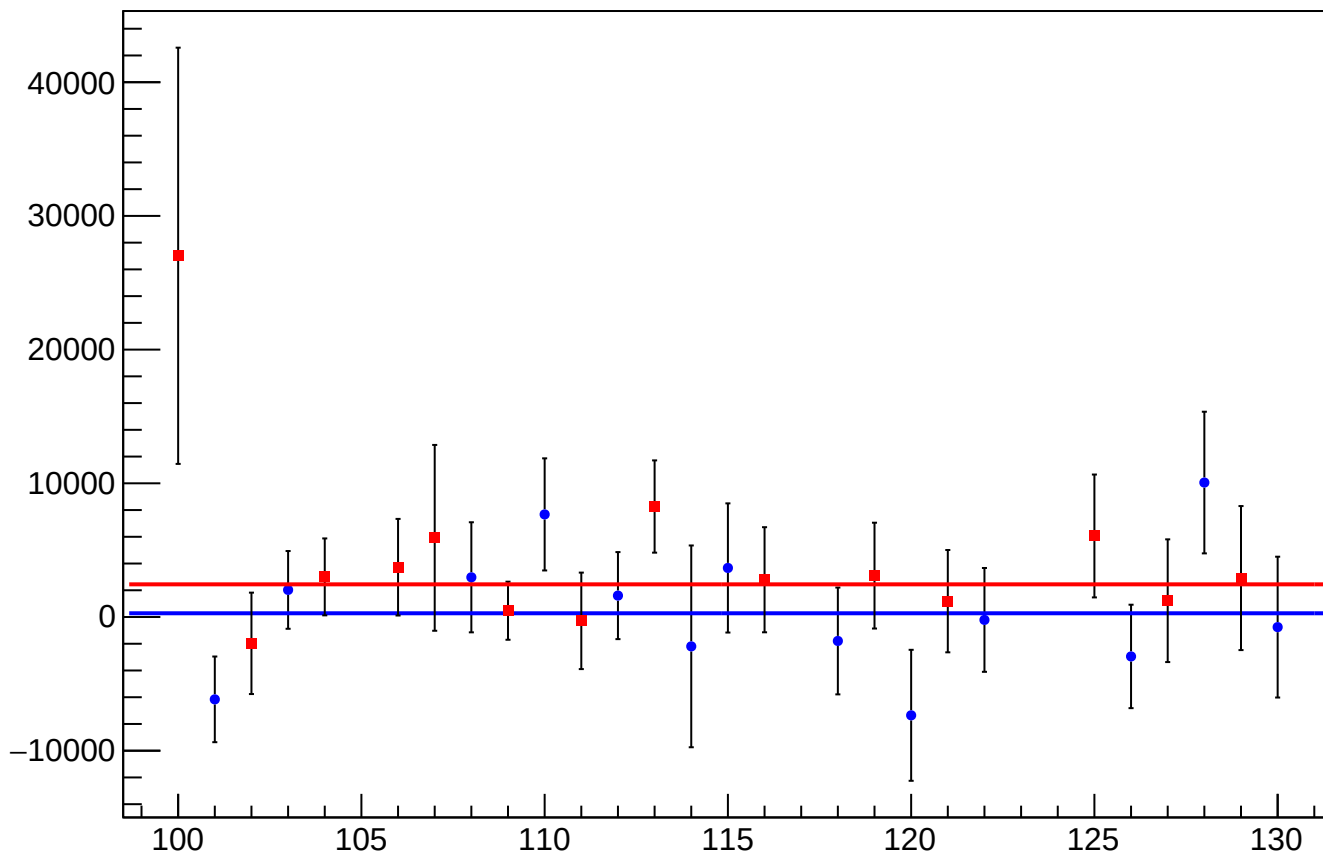
Right: 2045.025+/-0.437 χ^2/NDF : 345814.3/26

In: 2081.338+/-0.631 χ^2/NDF : 151022.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2045.025+/-0.437 χ^2/NDF : 345814.3/26

asym_us_dd_at2lr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 279.088+/-1121.180 χ^2/NDF : 15.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2443.351+/-1004.656 χ^2/NDF : 9.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

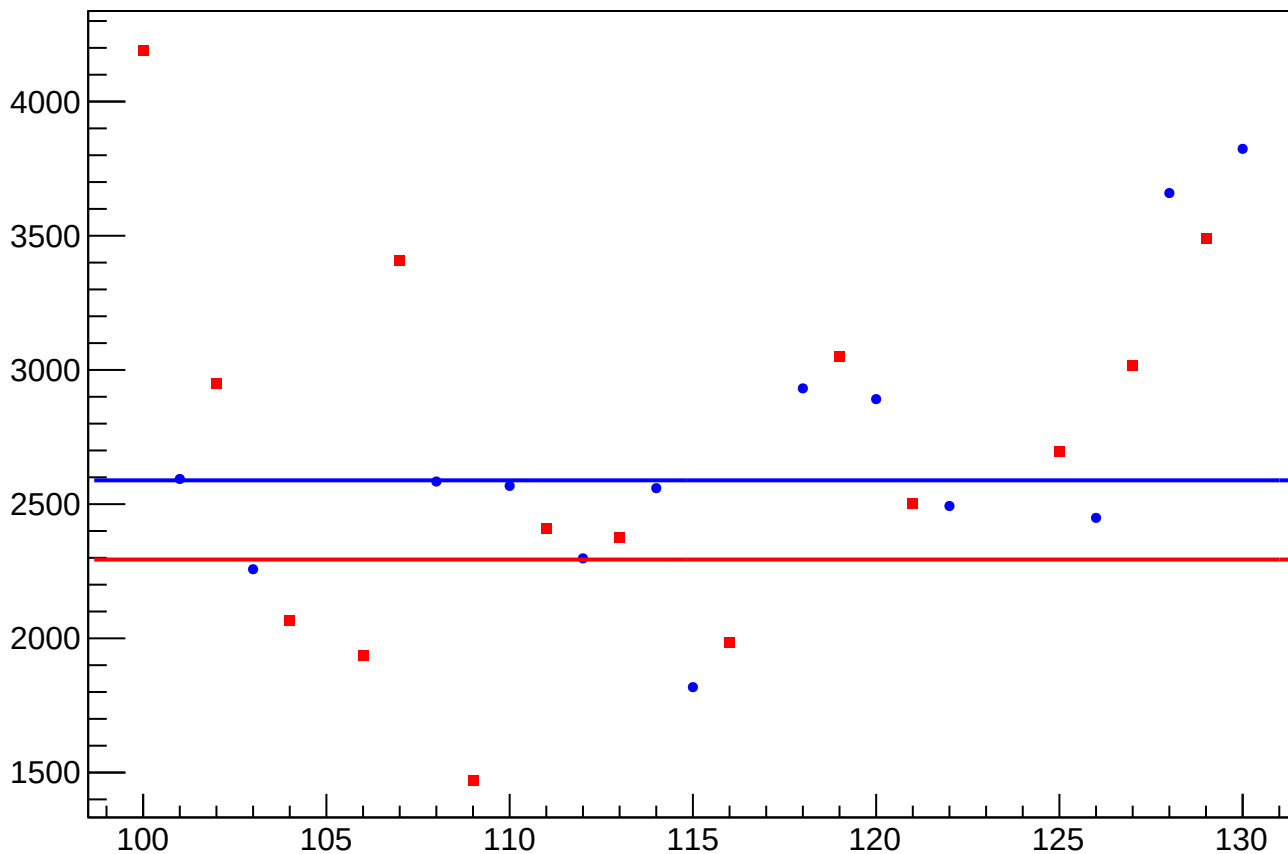
Right: 1479.494+/-748.215 χ^2/NDF : 27.0/26

In: 279.088+/-1121.180 χ^2/NDF : 15.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1479.494+/-748.215 χ^2/NDF : 27.0/26

asym_us_dd_at2lr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2588.698+/-0.793 χ^2/NDF : 310685.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2293.636+/-0.710 χ^2/NDF : 718548.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

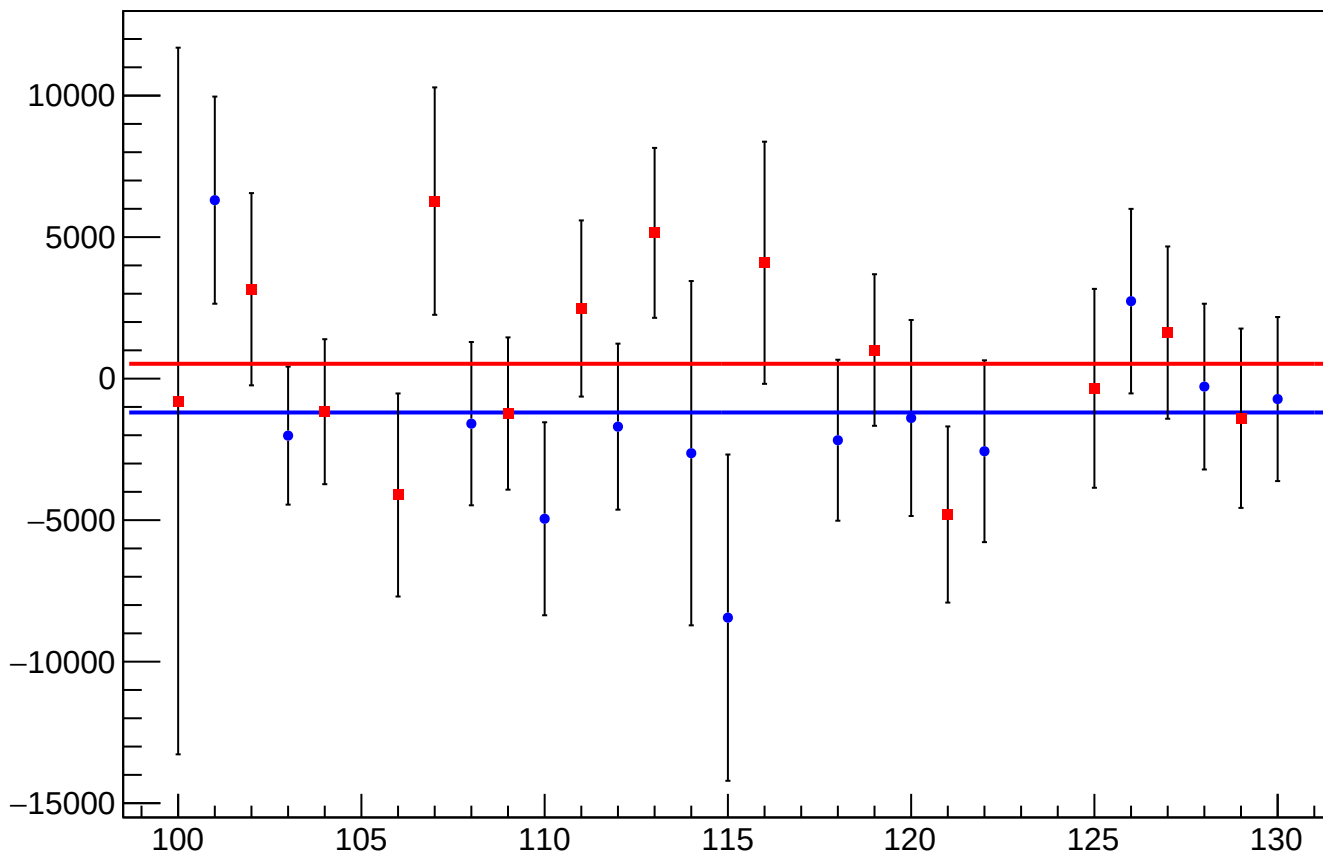
Right: 2425.042+/-0.529 χ^2/NDF : 1106062.5/26

In: 2588.698+/-0.793 χ^2/NDF : 310685.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2425.042+/-0.529 χ^2/NDF : 1106062.5/26

cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1196.043 $\pm$ 892.244 χ^2 /NDF: 9.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 524.542 $\pm$ 869.232 χ^2 /NDF: 12.2/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

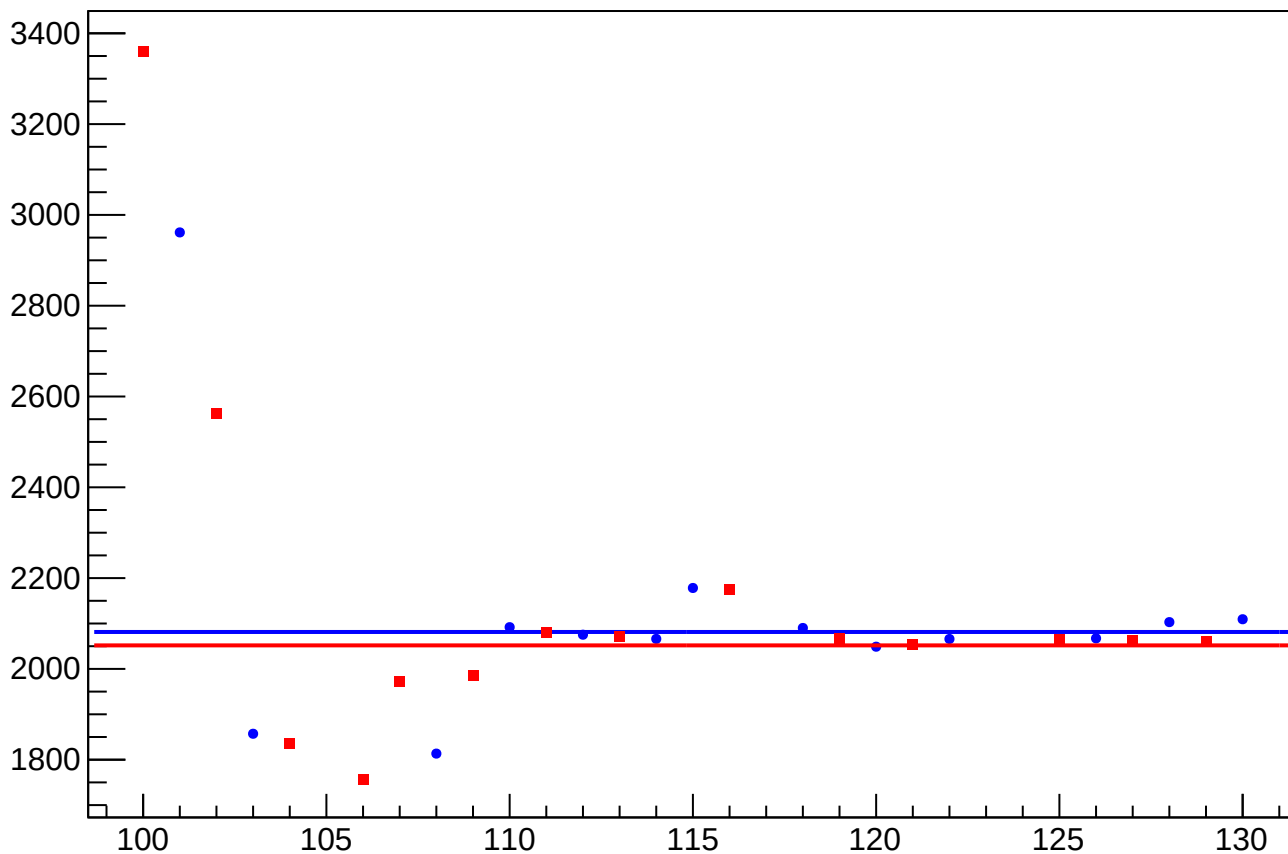
Right: -313.276 $\pm$ 622.616 χ^2 /NDF: 23.2/26

In: -1196.043 $\pm$ 892.244 χ^2 /NDF:9.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -313.276 $\pm$ 622.616 χ^2 /NDF: 23.2/26

cor_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2081.338+/-0.631 χ^2 /NDF: 151023.1/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2051.807+/-0.615 χ^2 /NDF: 98916.1/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

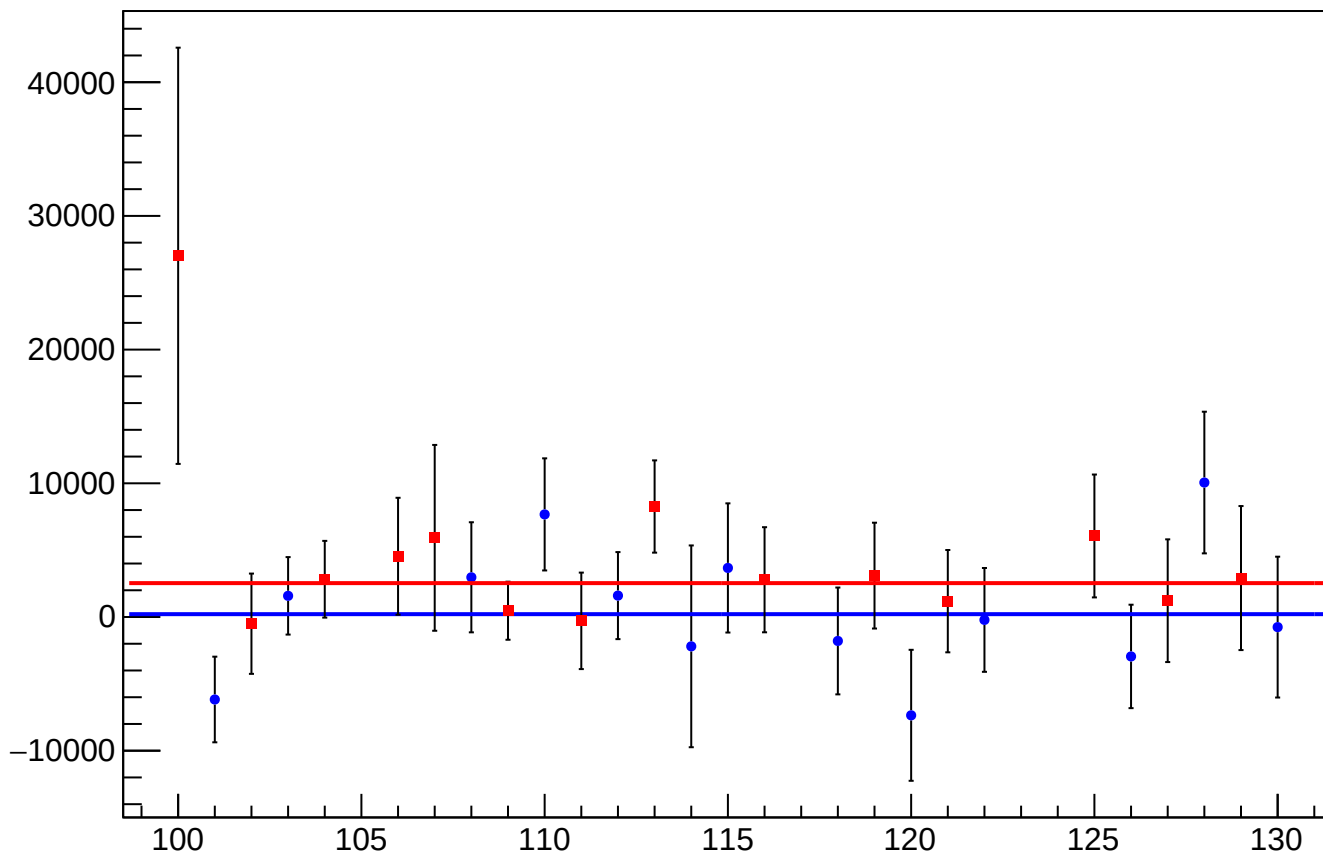
Right: 2066.186+/-0.440 χ^2 /NDF: 251063.3/26

In: 2081.338+/-0.631 χ^2 /NDF:151023.1/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2066.186+/-0.440 χ^2 /NDF: 251063.3/26

asym_us_dd_at2lr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 212.746+/-1120.536 χ^2/NDF : 15.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2534.420+/-1016.079 χ^2/NDF : 8.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

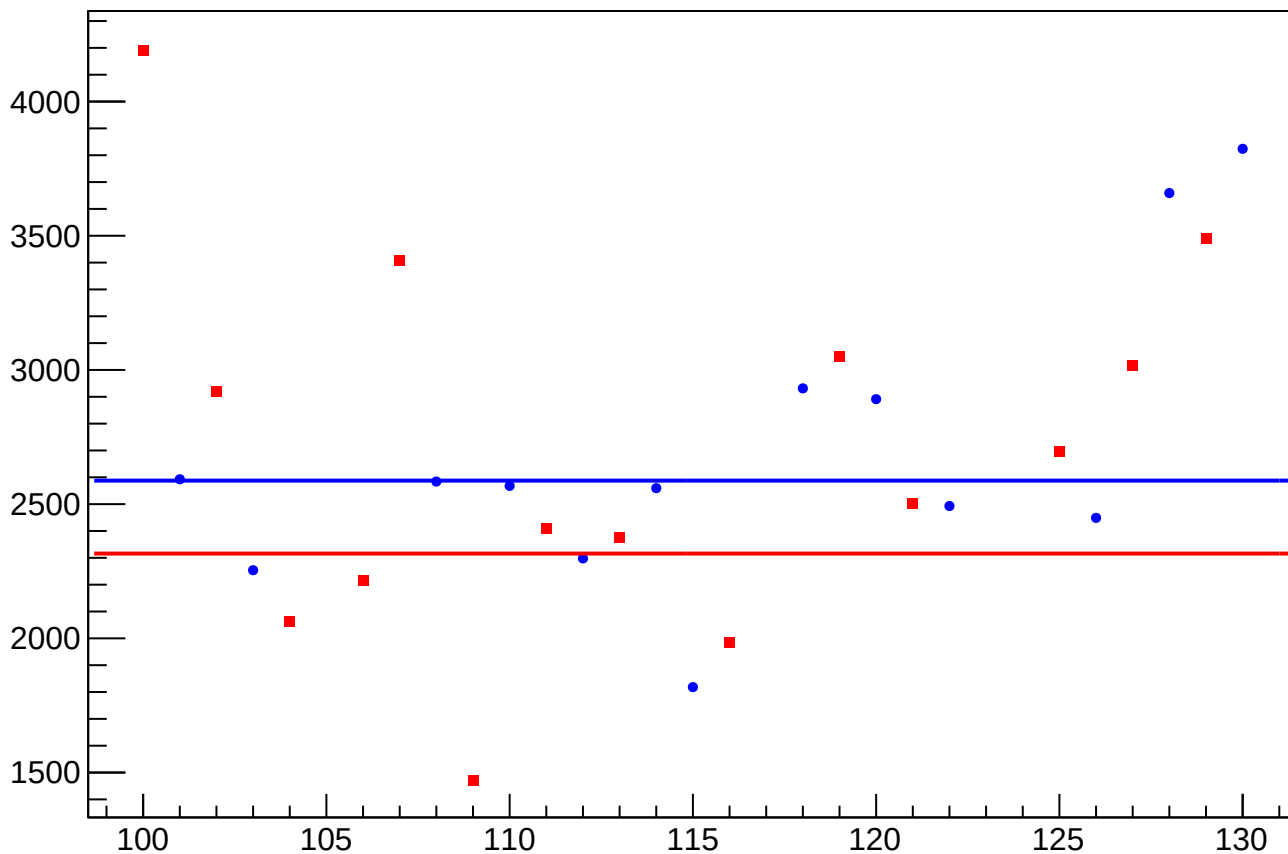
Right: 1486.817+/-752.703 χ^2/NDF : 26.5/26

In: 212.746+/-1120.536 χ^2/NDF : 15.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1486.817+/-752.703 χ^2/NDF : 26.5/26

asym_us_dd_at2lr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2587.681+/-0.792 χ^2/NDF : 311438.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2315.915+/-0.718 χ^2/NDF : 695222.5/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

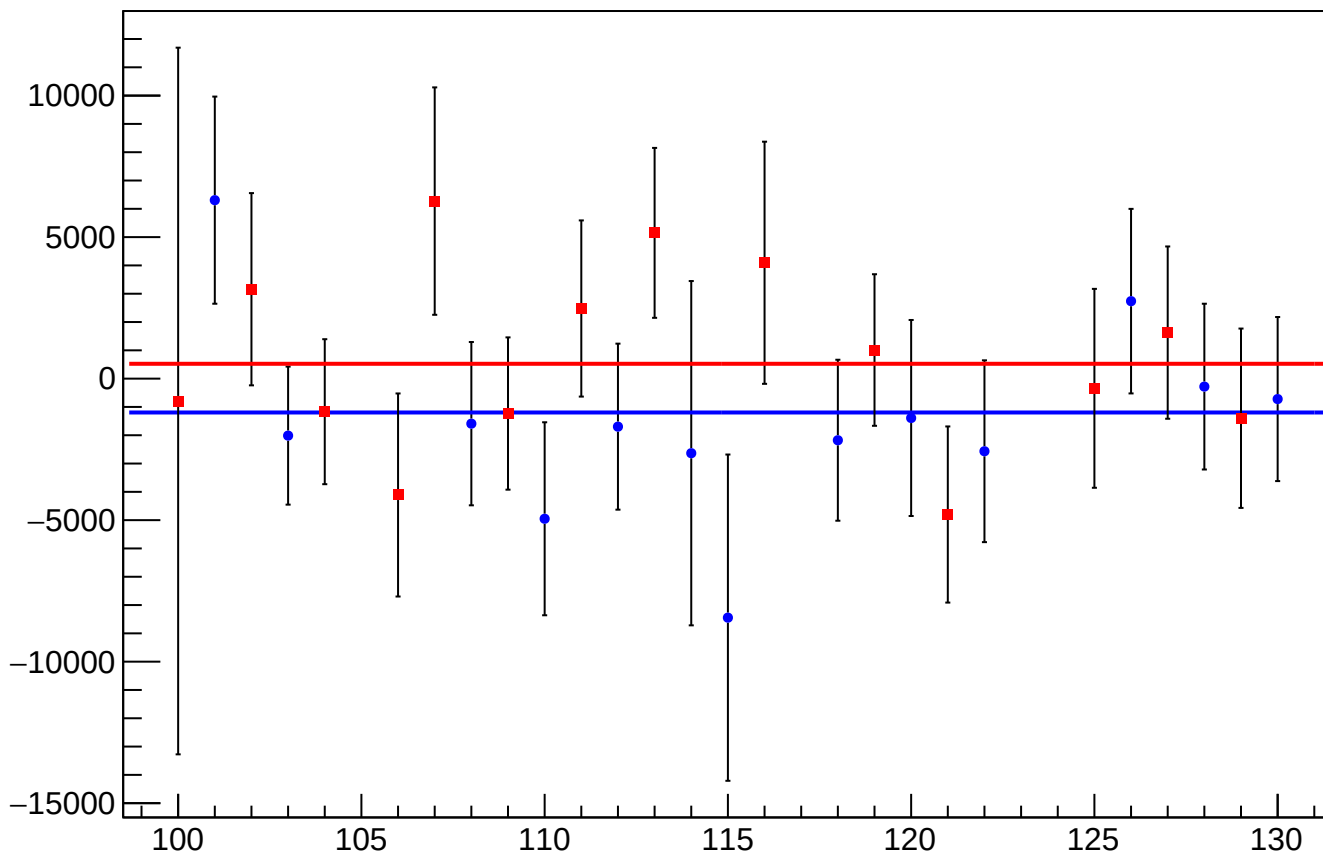
Right: 2438.543+/-0.532 χ^2/NDF : 1071220.6/26

In: 2587.681+/-0.792 χ^2/NDF :311438.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2438.543+/-0.532 χ^2/NDF : 1071220.6/26

eigen_cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1196.043+/-892.244 χ^2/NDF : 9.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 524.542+/-869.232 χ^2/NDF : 12.2/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

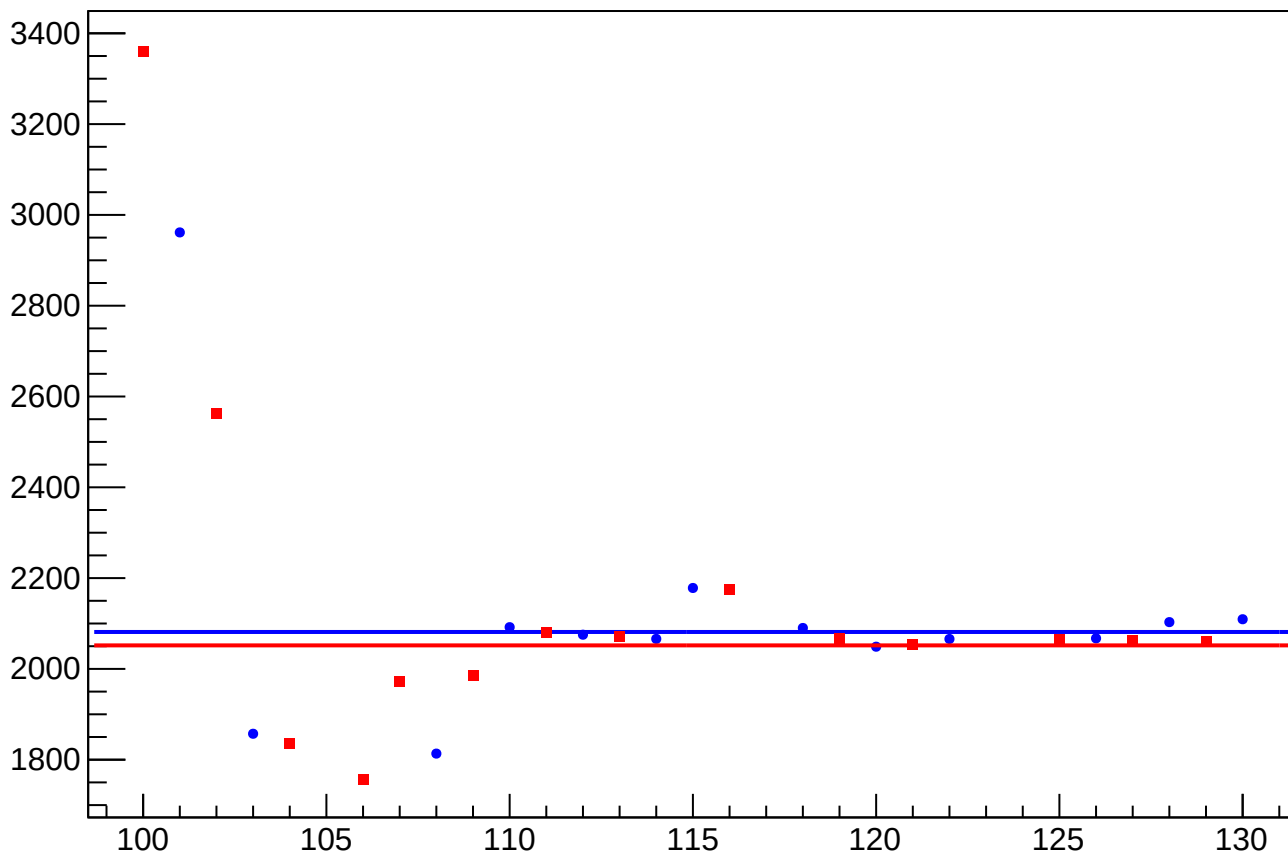
Right: -313.276+/-622.616 χ^2/NDF : 23.2/26

In: -1196.043+/-892.244 χ^2/NDF :9.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -313.276+/-622.616 χ^2/NDF : 23.2/26

eigen_cor_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2081.338+/-0.631 χ^2/NDF : 151023.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2051.807+/-0.615 χ^2/NDF : 98916.1/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

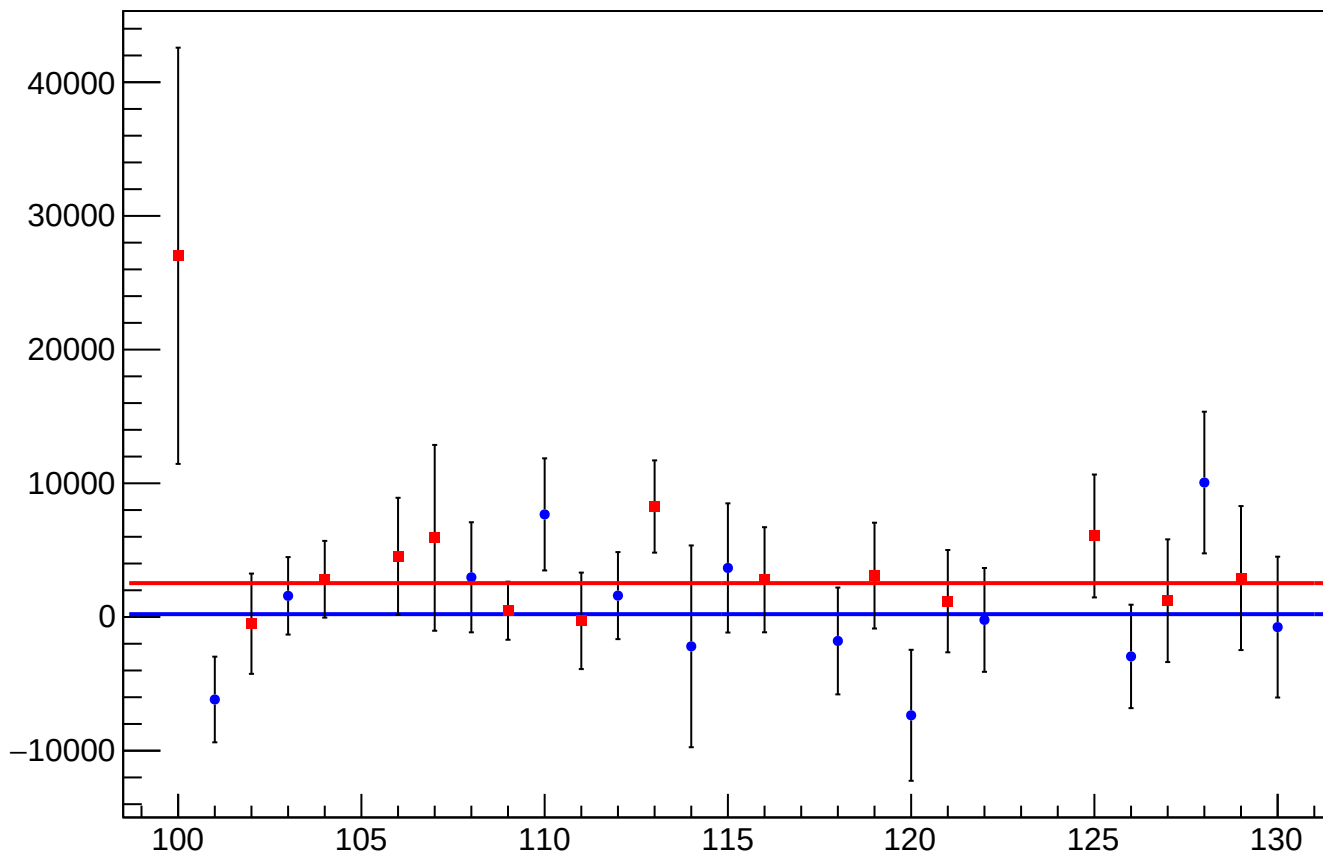
Right: 2066.186+/-0.440 χ^2/NDF : 251063.3/26

In: 2081.338+/-0.631 χ^2/NDF :151023.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2066.186+/-0.440 χ^2/NDF : 251063.3/26

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 212.746+/-1120.536 χ^2/NDF : 15.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2534.420+/-1016.079 χ^2/NDF : 8.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

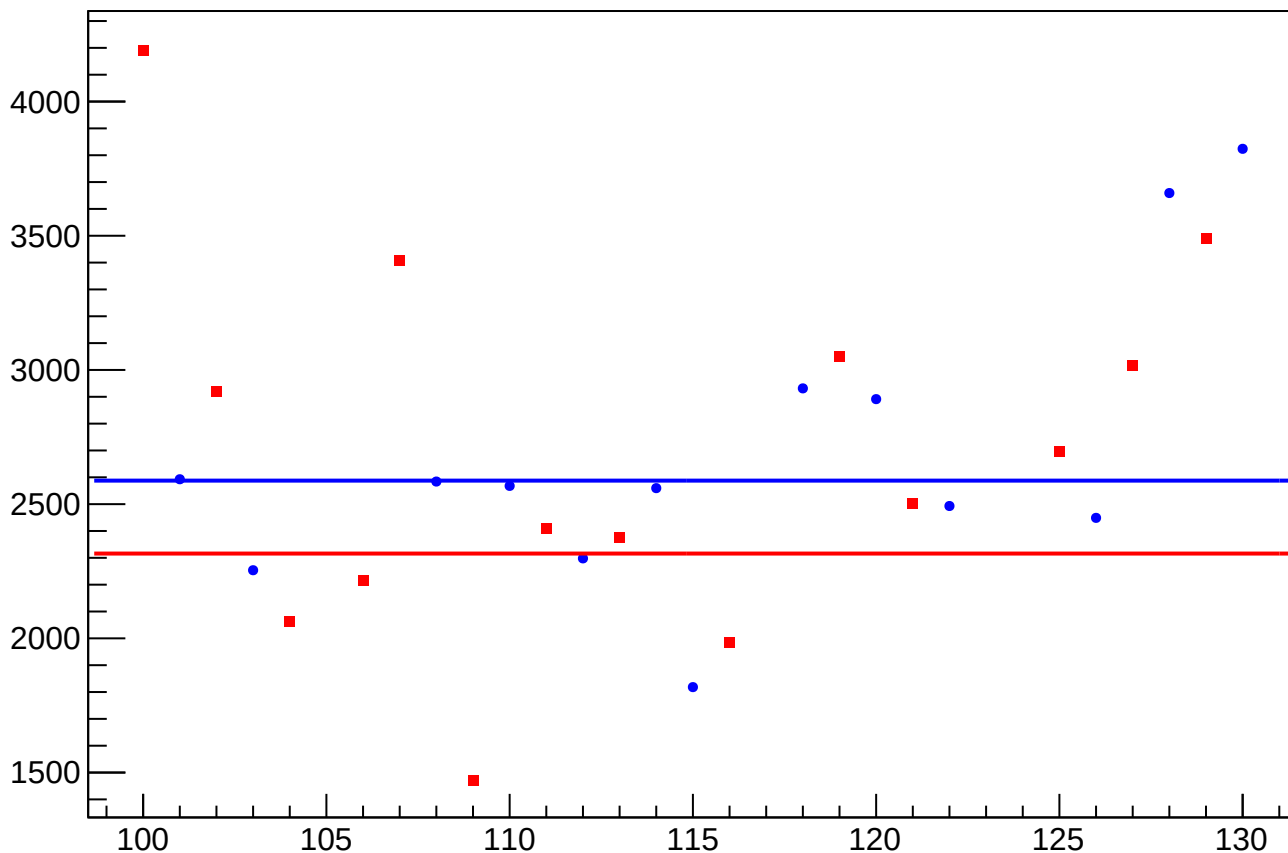
Right: 1486.817+/-752.703 χ^2/NDF : 26.5/26

In: 212.746+/-1120.536 χ^2/NDF : 15.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1486.817+/-752.703 χ^2/NDF : 26.5/26

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2587.681+/-0.792 χ^2/NDF : 311438.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2315.915+/-0.718 χ^2/NDF : 695222.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

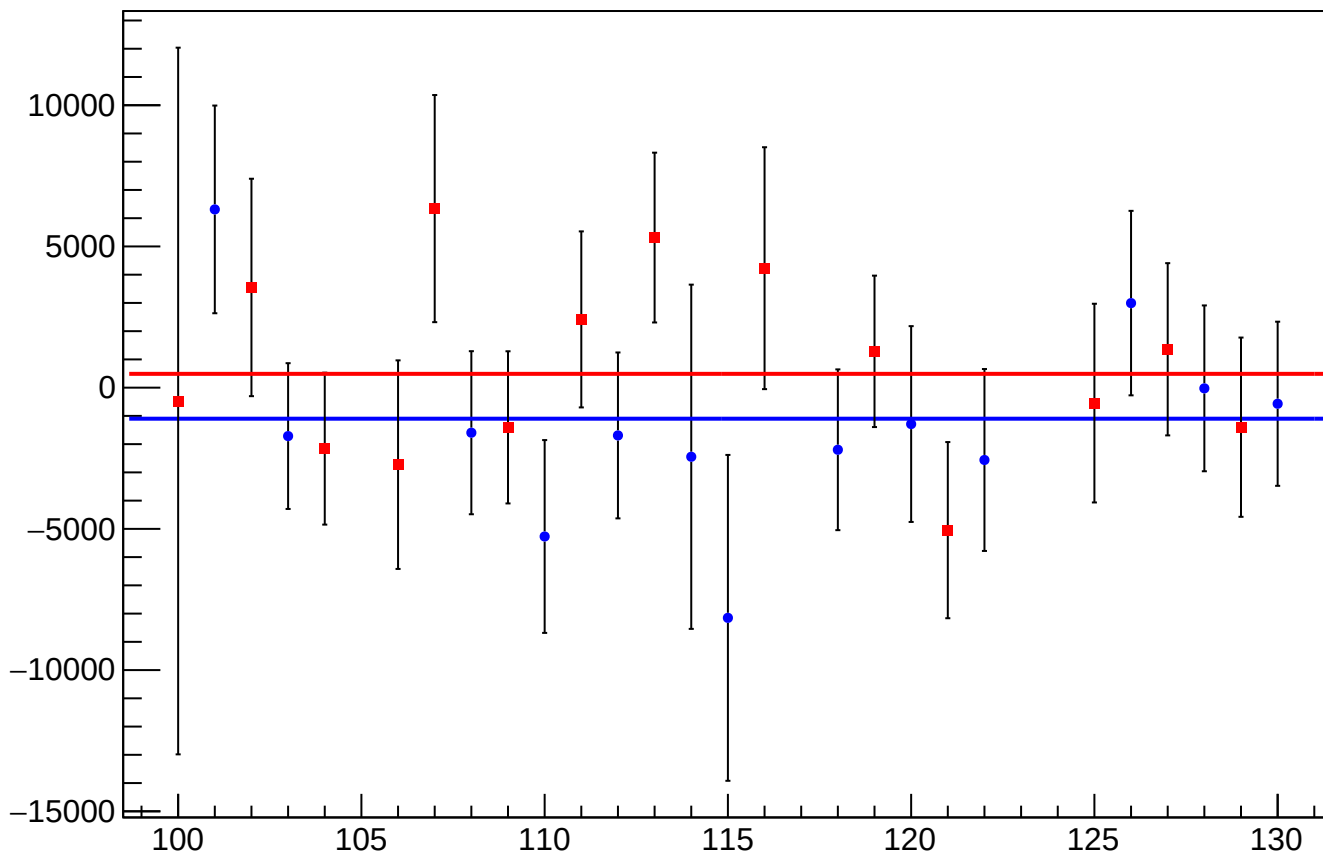
Right: 2438.543+/-0.532 χ^2/NDF : 1071220.6/26

In: 2587.681+/-0.792 χ^2/NDF : 311438.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2438.543+/-0.532 χ^2/NDF : 1071220.6/26

dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1099.065+/-900.174 χ^2/NDF : 9.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 488.939+/-882.914 χ^2/NDF : 12.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

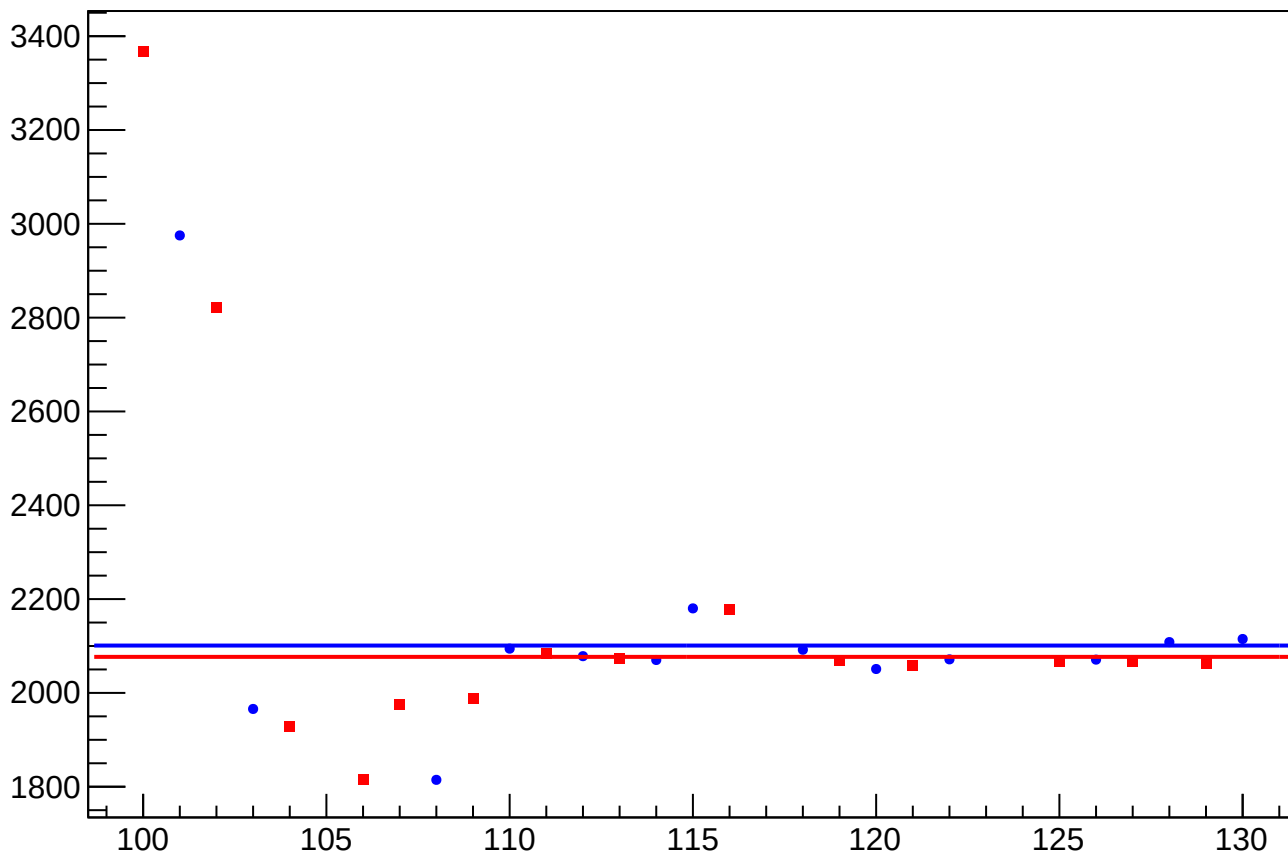
Right: -289.693+/-630.328 χ^2/NDF : 23.4/26

In: -1099.065+/-900.174 χ^2/NDF : 9.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -289.693+/-630.328 χ^2/NDF : 23.4/26

dit_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2100.946+/-0.637 χ^2/NDF : 139615.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2076.823+/-0.624 χ^2/NDF : 116899.0/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

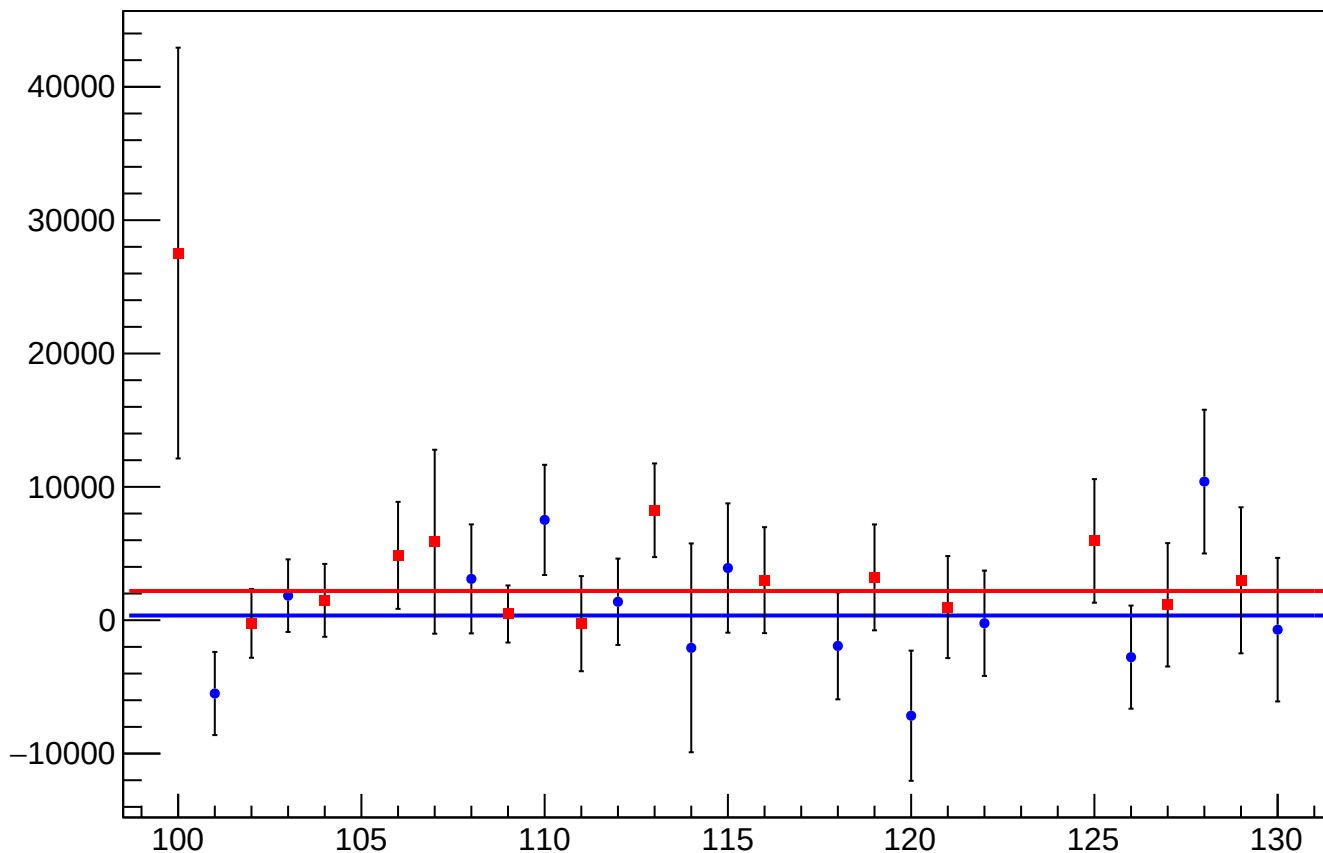
Right: 2088.651+/-0.446 χ^2/NDF : 257246.9/26

In: 2100.946+/-0.637 χ^2/NDF :139615.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2088.651+/-0.446 χ^2/NDF : 257246.9/26

asym_us_dd_at2lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 352.440+/-1107.904 χ^2/NDF : 14.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2190.921+/-966.228 χ^2/NDF : 9.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

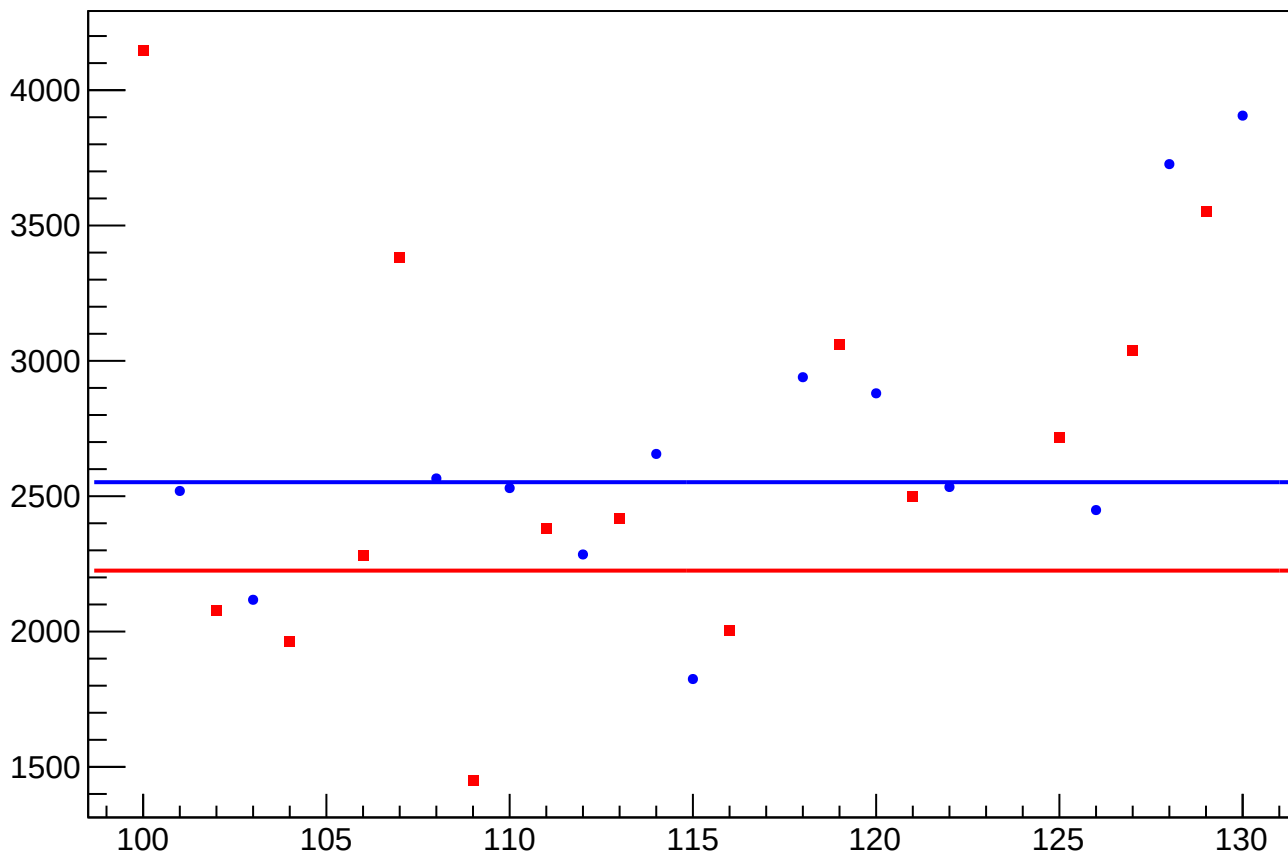
Right: 1396.677+/-728.198 χ^2/NDF : 25.9/26

In: 352.440+/-1107.904 χ^2/NDF : 14.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1396.677+/-728.198 χ^2/NDF : 25.9/26

asym_us_dd_at2lr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2551.776+/-0.783 χ^2/NDF : 361073.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2225.125+/-0.683 χ^2/NDF : 691000.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

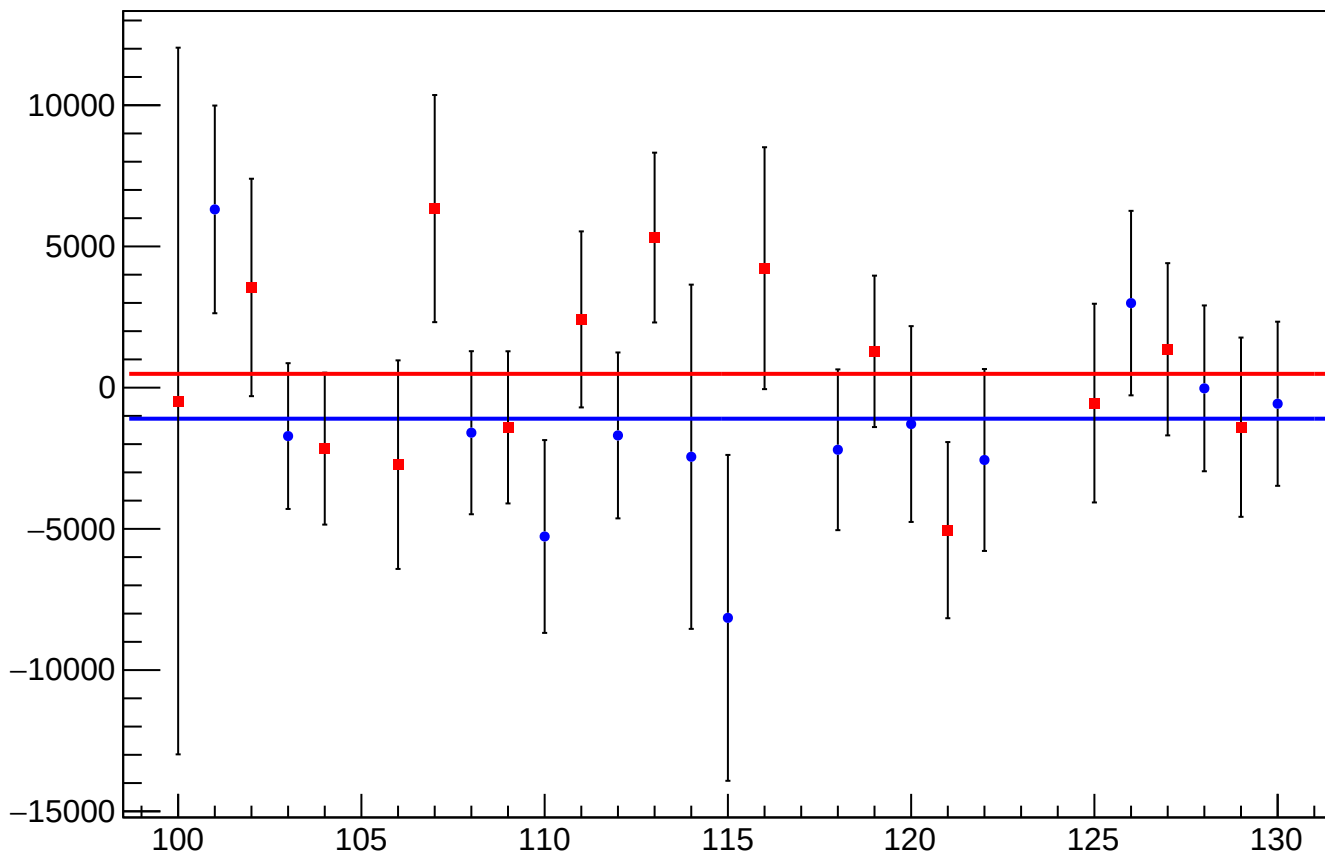
Right: 2366.242+/-0.515 χ^2/NDF : 1150824.4/26

In: 2551.776+/-0.783 χ^2/NDF : 361073.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2366.242+/-0.515 χ^2/NDF : 1150824.4/26

eigen_dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1099.063+/-900.174 χ^2/NDF : 9.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 488.935+/-882.914 χ^2/NDF : 12.5/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

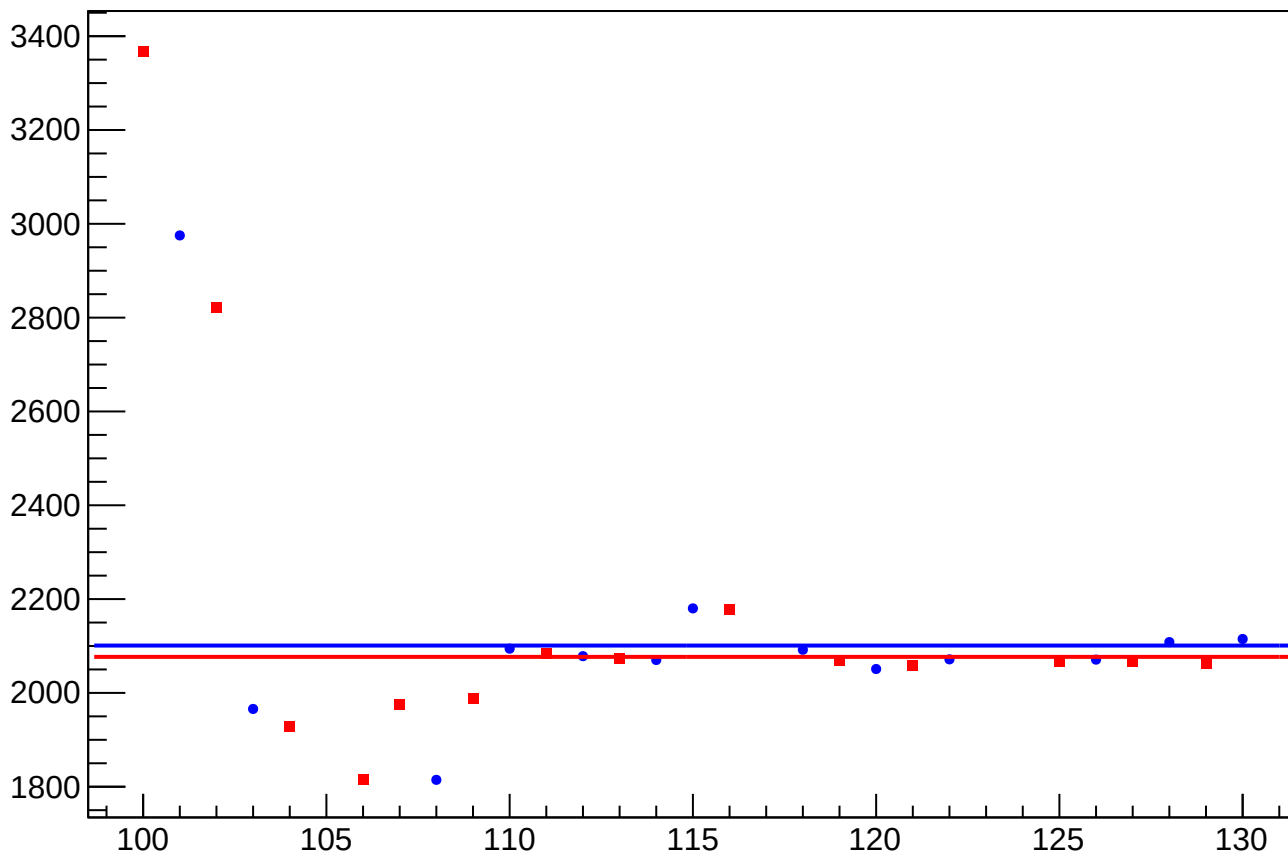
Right: -289.694+/-630.328 χ^2/NDF : 23.4/26

In: -1099.063+/-900.174 χ^2/NDF :9.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -289.694+/-630.328 χ^2/NDF : 23.4/26

eigen_dit_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2100.945+/-0.637 χ^2/NDF : 139615.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2076.823+/-0.624 χ^2/NDF : 116898.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

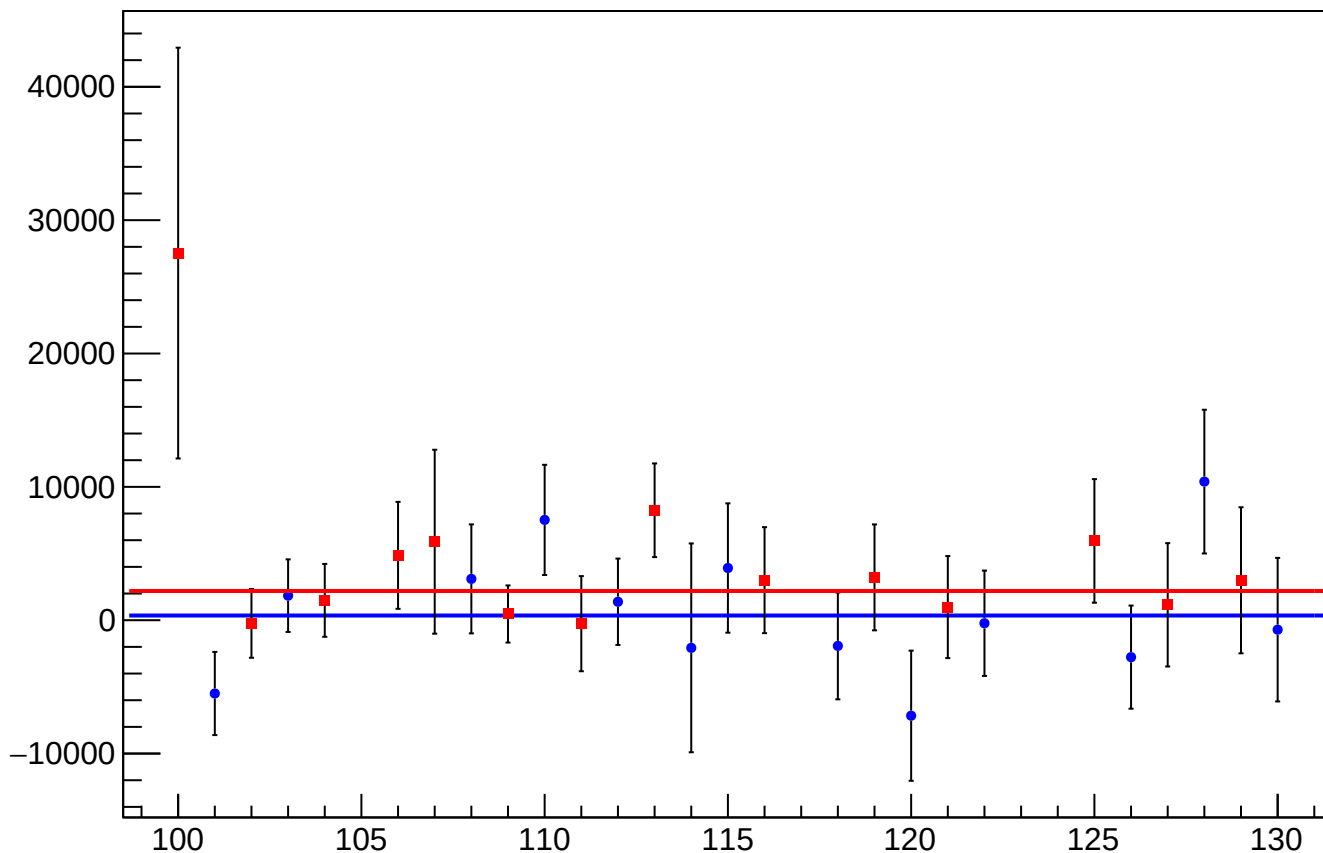
Right: 2088.651+/-0.446 χ^2/NDF : 257246.7/26

In: 2100.945+/-0.637 χ^2/NDF : 139615.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2088.651+/-0.446 χ^2/NDF : 257246.7/26

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 352.438+/-1107.901 χ^2/NDF : 14.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2190.924+/-966.228 χ^2/NDF : 9.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

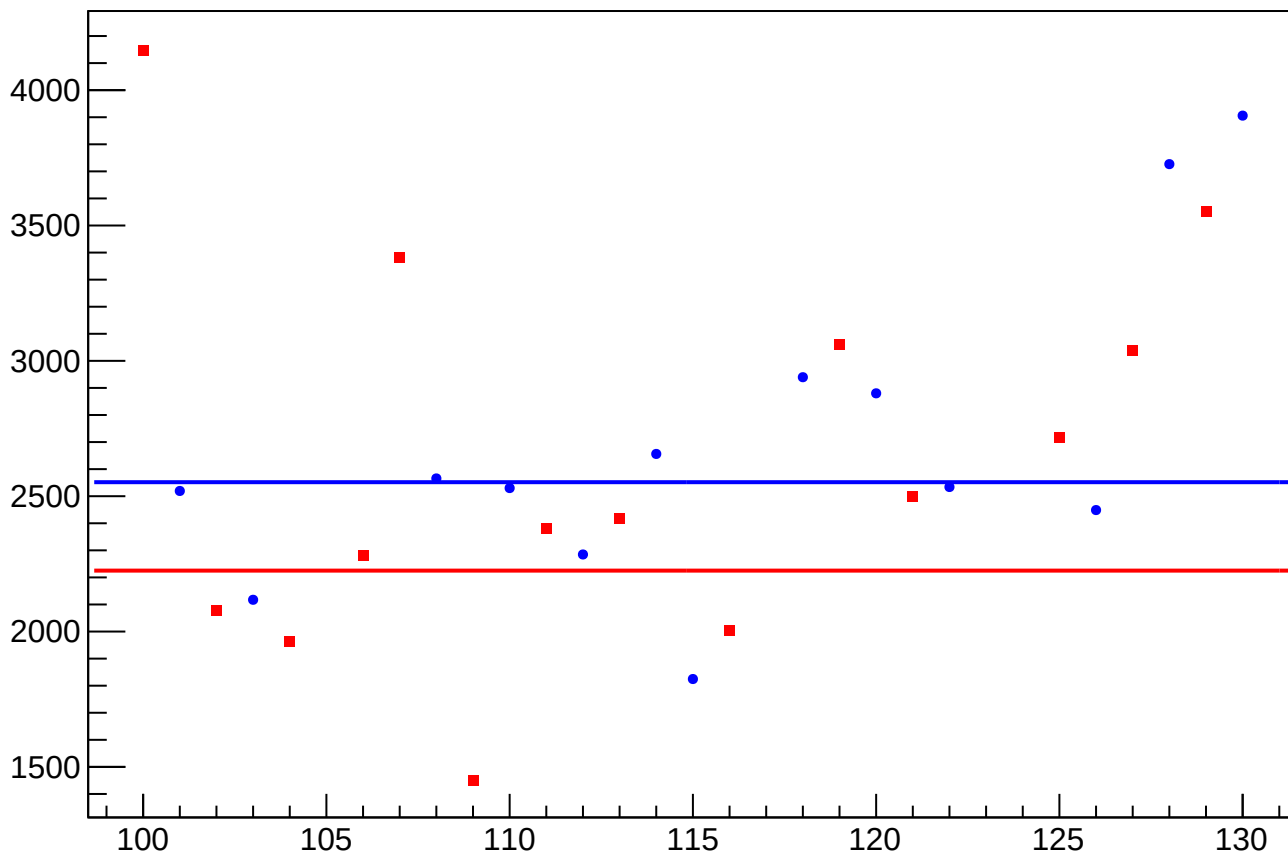
Right: 1396.675+/-728.197 χ^2/NDF : 25.9/26

In: 352.438+/-1107.901 χ^2/NDF : 14.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1396.675+/-728.197 χ^2/NDF : 25.9/26

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2551.771+/-0.783 χ^2/NDF : 361065.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2225.128+/-0.683 χ^2/NDF : 690981.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

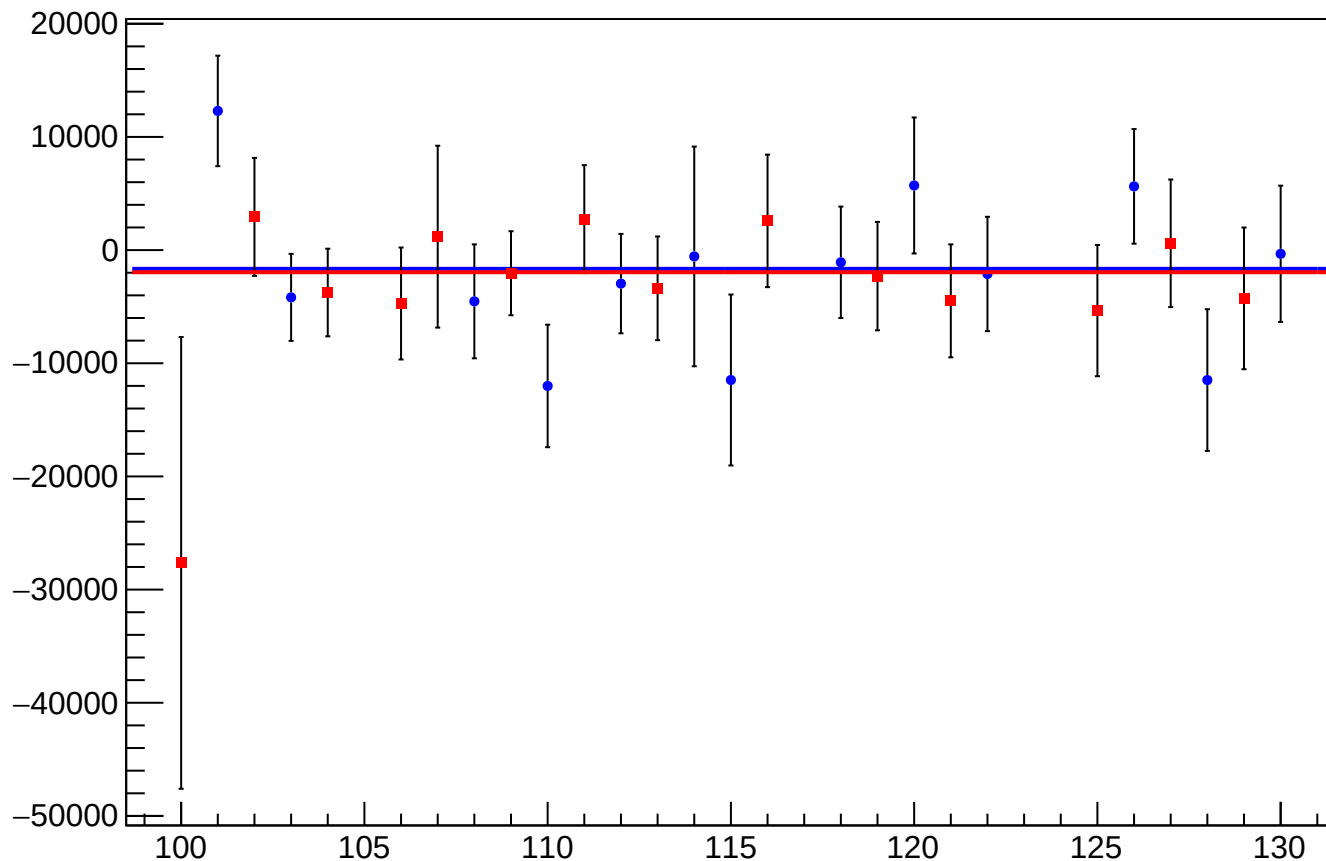
Right: 2366.242+/-0.515 χ^2/NDF : 1150792.2/26

In: 2551.771+/-0.783 χ^2/NDF : 361065.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2366.242+/-0.515 χ^2/NDF : 1150792.2/26

asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1656.804 $\pm$ 1469.151 χ^2 /NDF: 20.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1955.598 $\pm$ 1378.597 χ^2 /NDF: 5.8/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

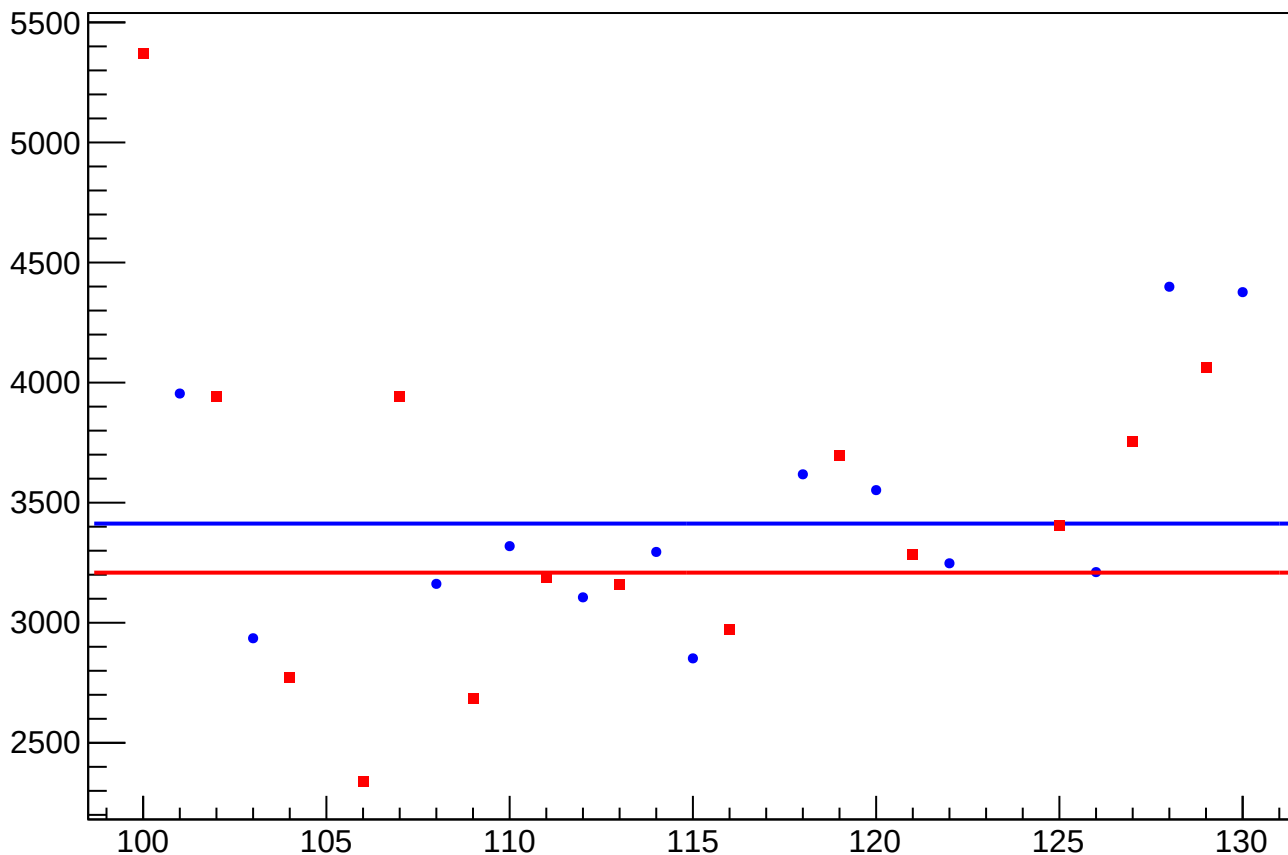
Right: -1815.693 $\pm$ 1005.305 χ^2 /NDF: 26.3/26

In: -1656.804 $\pm$ 1469.151 χ^2 /NDF:20.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1815.693 $\pm$ 1005.305 χ^2 /NDF: 26.3/26

asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3412.935+/-1.039 χ^2/NDF : 192830.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3208.661+/-0.975 χ^2/NDF : 290019.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

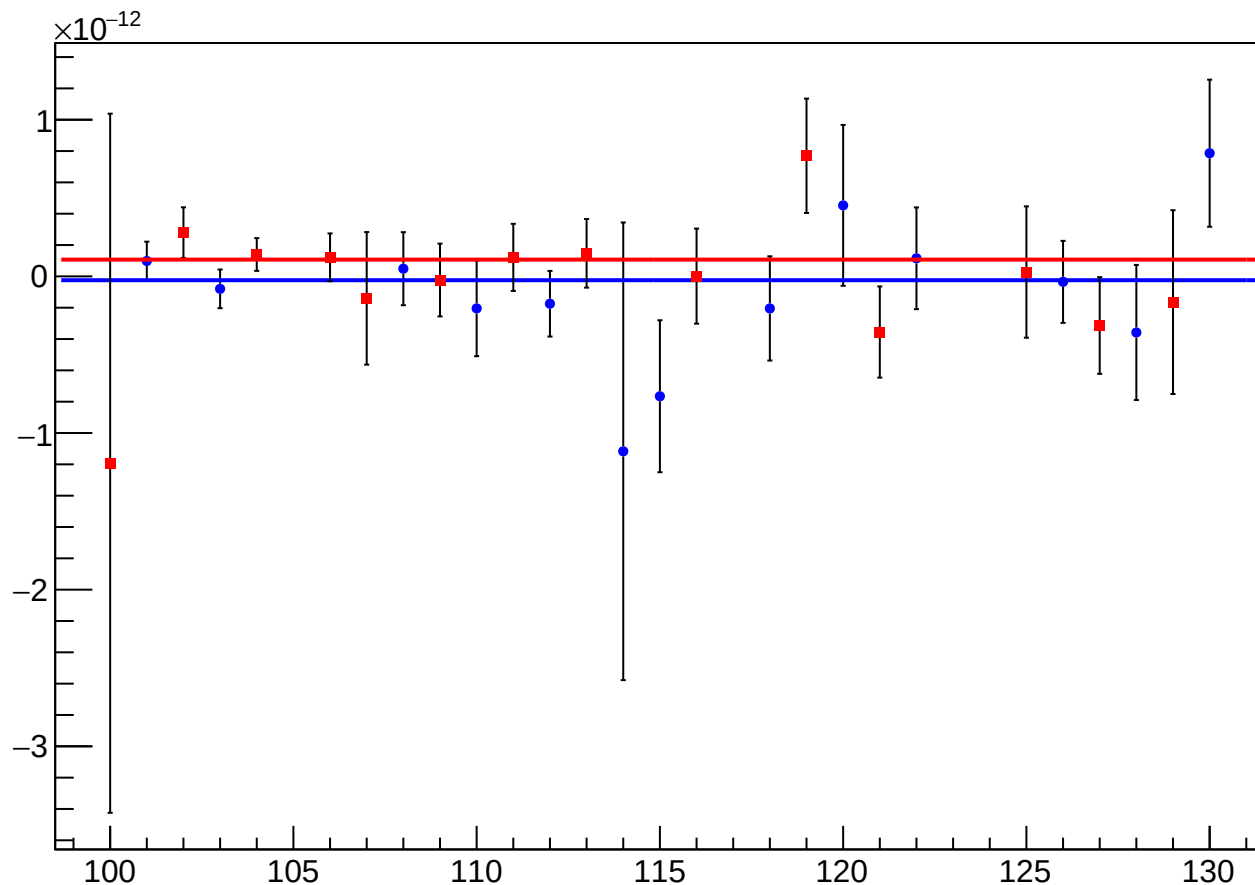
Right: 3304.308+/-0.711 χ^2/NDF : 503411.4/26

In: 3412.935+/-1.039 χ^2/NDF : 192830.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3304.308+/-0.711 χ^2/NDF : 503411.4/26

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

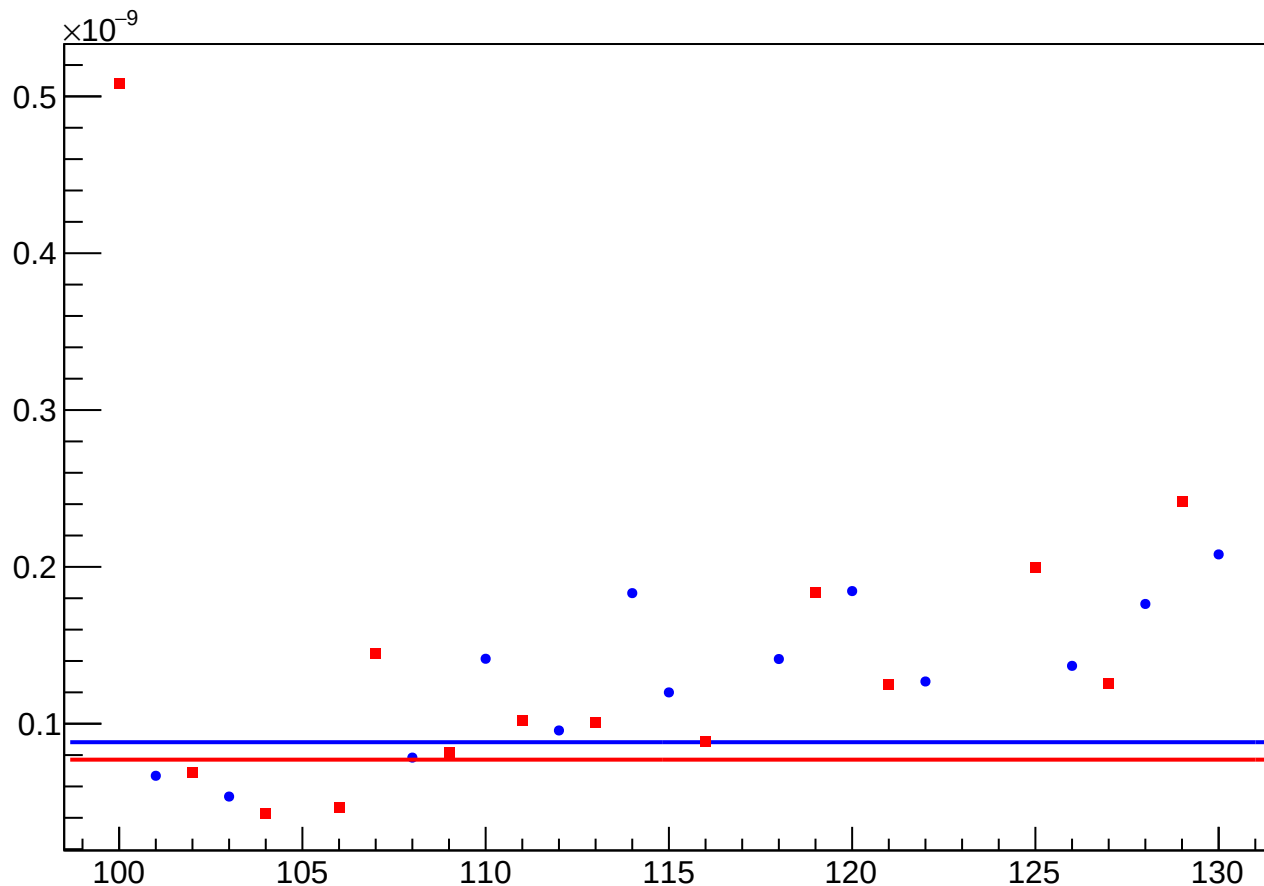
Right: 0.000+/-0.000 χ^2/NDF : 22.5/26

In: -0.000+/-0.000 χ^2/NDF : 10.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.5/26

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 734442.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1083848.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

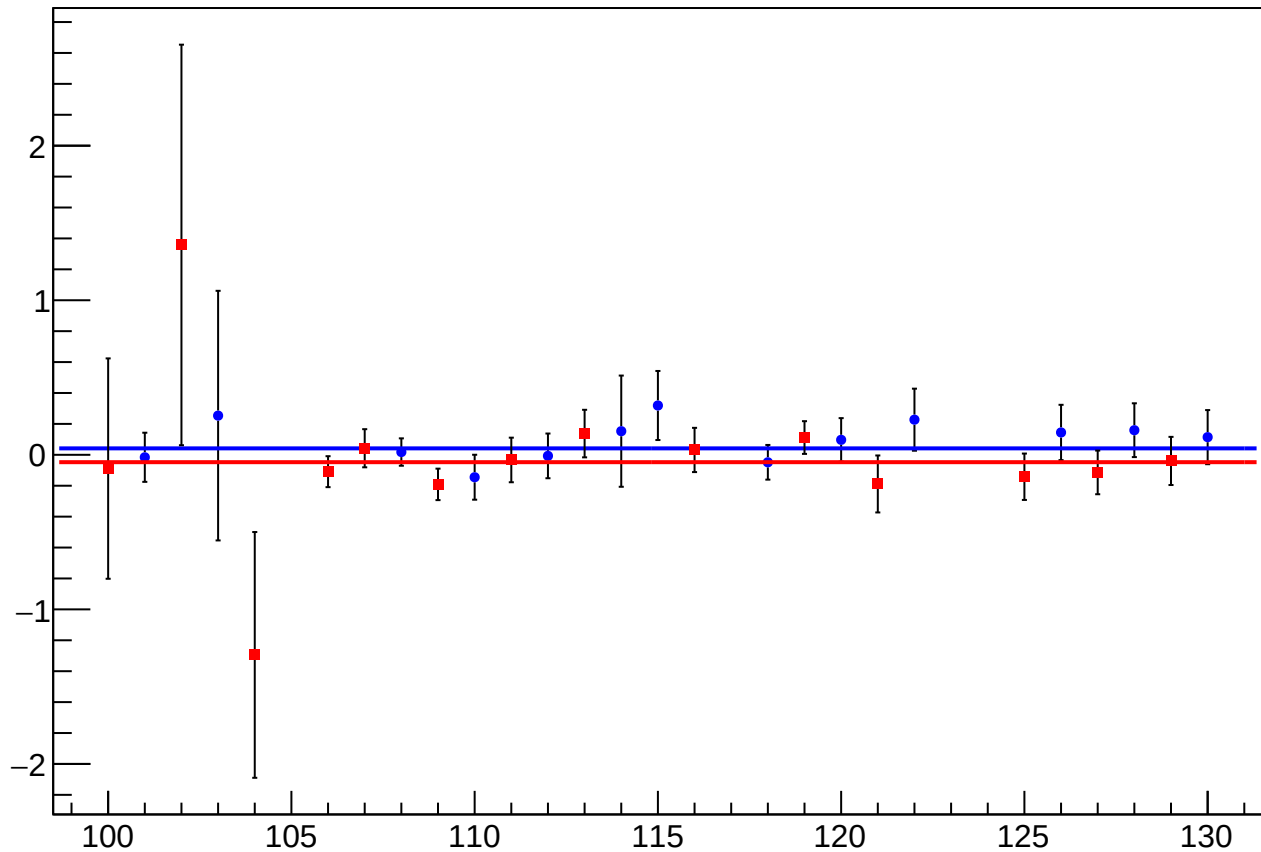
Right: 0.000+/-0.000 χ^2/NDF : 1850364.1/26

In: 0.000+/-0.000 χ^2/NDF : 734442.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1850364.1/26

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.042+/-0.043 χ^2/NDF : 6.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.048+/-0.039 χ^2/NDF : 11.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

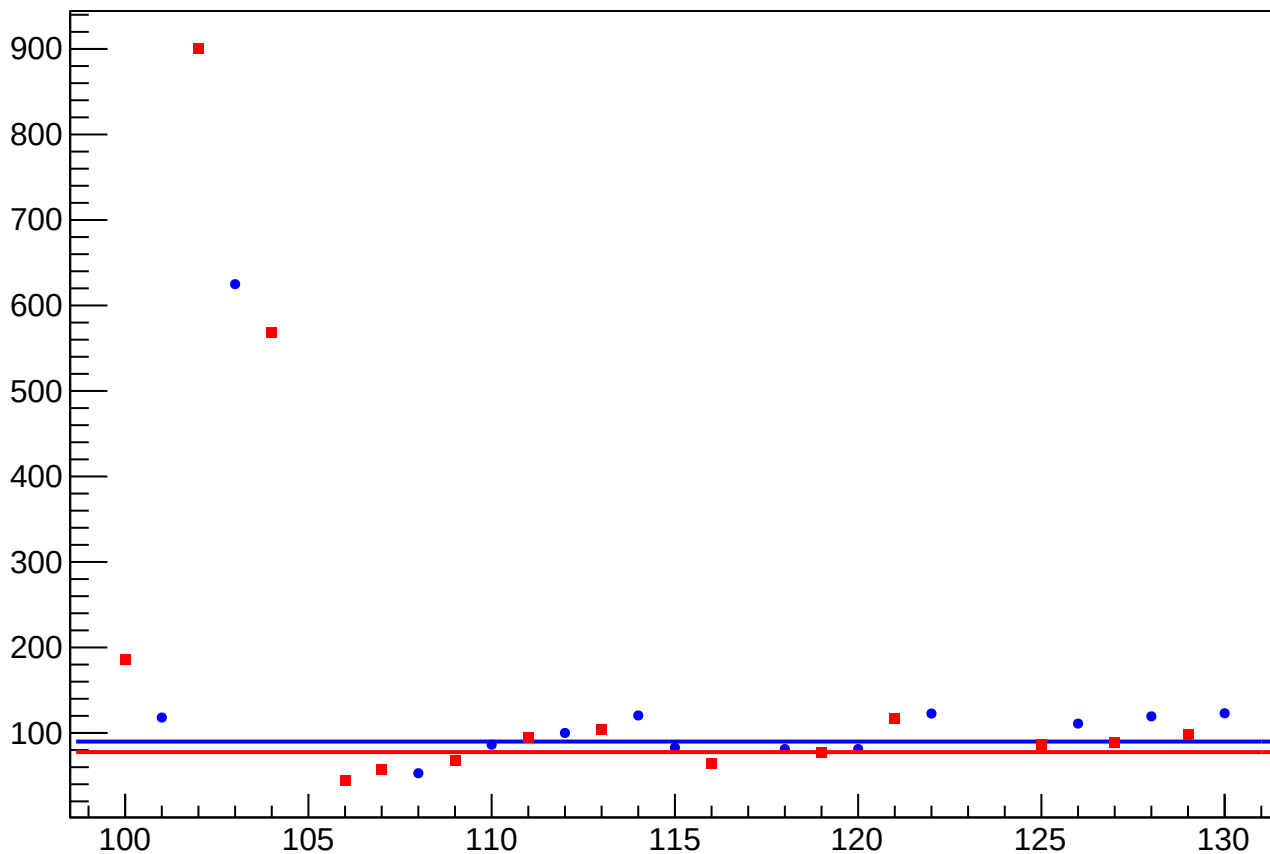
Right: -0.007+/-0.029 χ^2/NDF : 20.4/26

In: 0.042+/-0.043 χ^2/NDF : 6.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.029 χ^2/NDF : 20.4/26

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 89.961 $\pm$ 0.030 χ^2 /NDF: 1546845.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 77.626 $\pm$ 0.028 χ^2 /NDF: 2167827.1/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

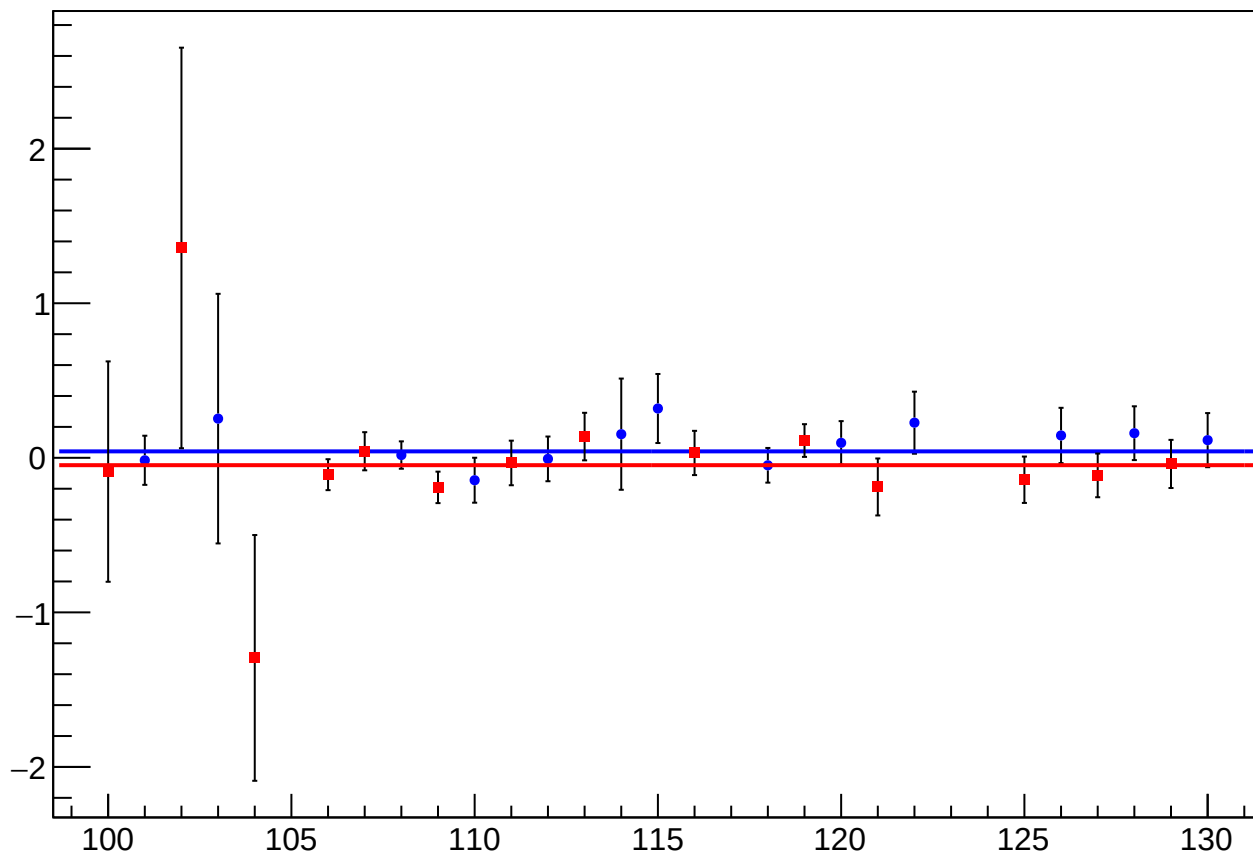
Right: 83.196 $\pm$ 0.020 χ^2 /NDF: 3805343.0/26

In: 89.961 $\pm$ 0.030 χ^2 /NDF:1546845.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 83.196 $\pm$ 0.020 χ^2 /NDF: 3805343.0/26

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.042 ± 0.043 χ^2/NDF : 6.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.048 ± 0.039 χ^2/NDF : 11.8/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

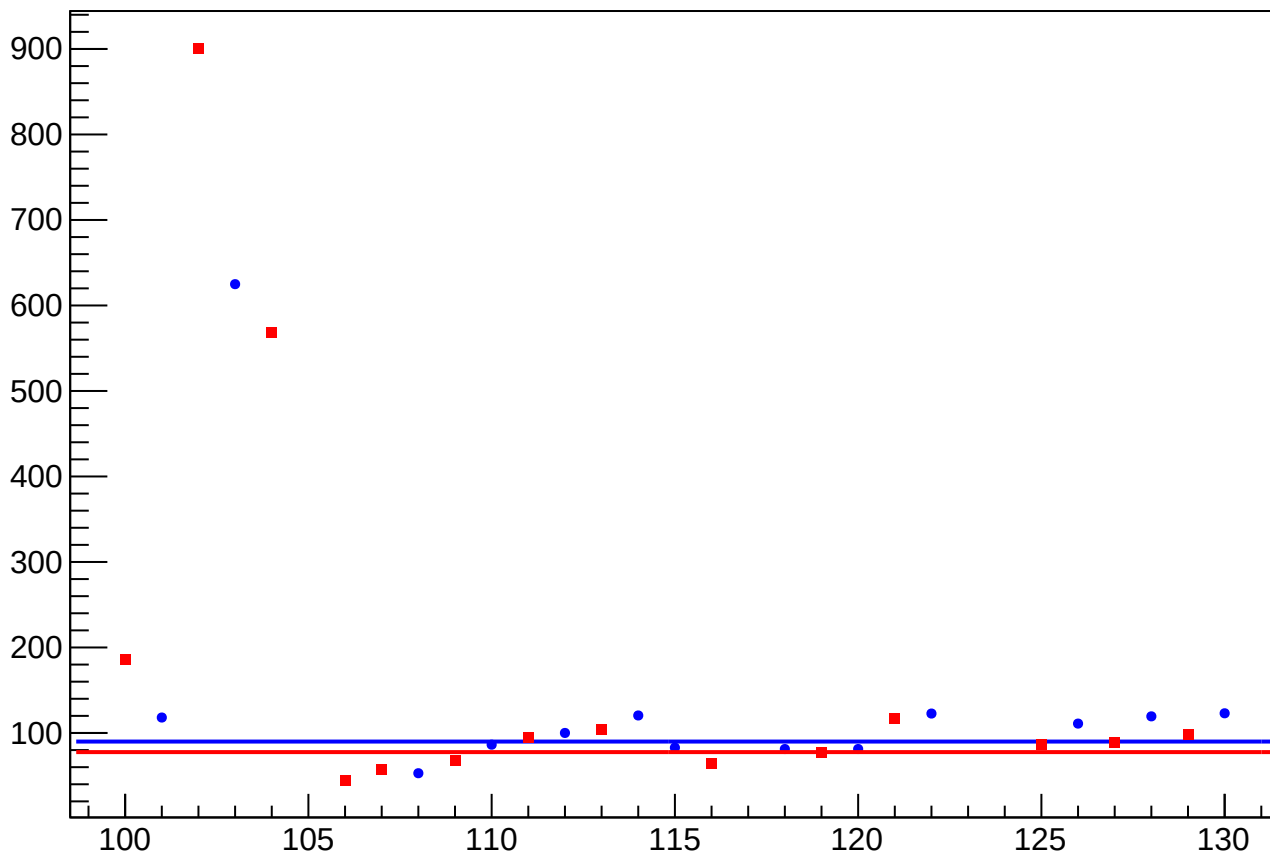
Right: -0.007 ± 0.029 χ^2/NDF : 20.4/26

In: 0.042 ± 0.043 χ^2/NDF : 6.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.029 χ^2/NDF : 20.4/26

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 89.961+/-0.030 χ^2/NDF : 1546845.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.626+/-0.028 χ^2/NDF : 2167827.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

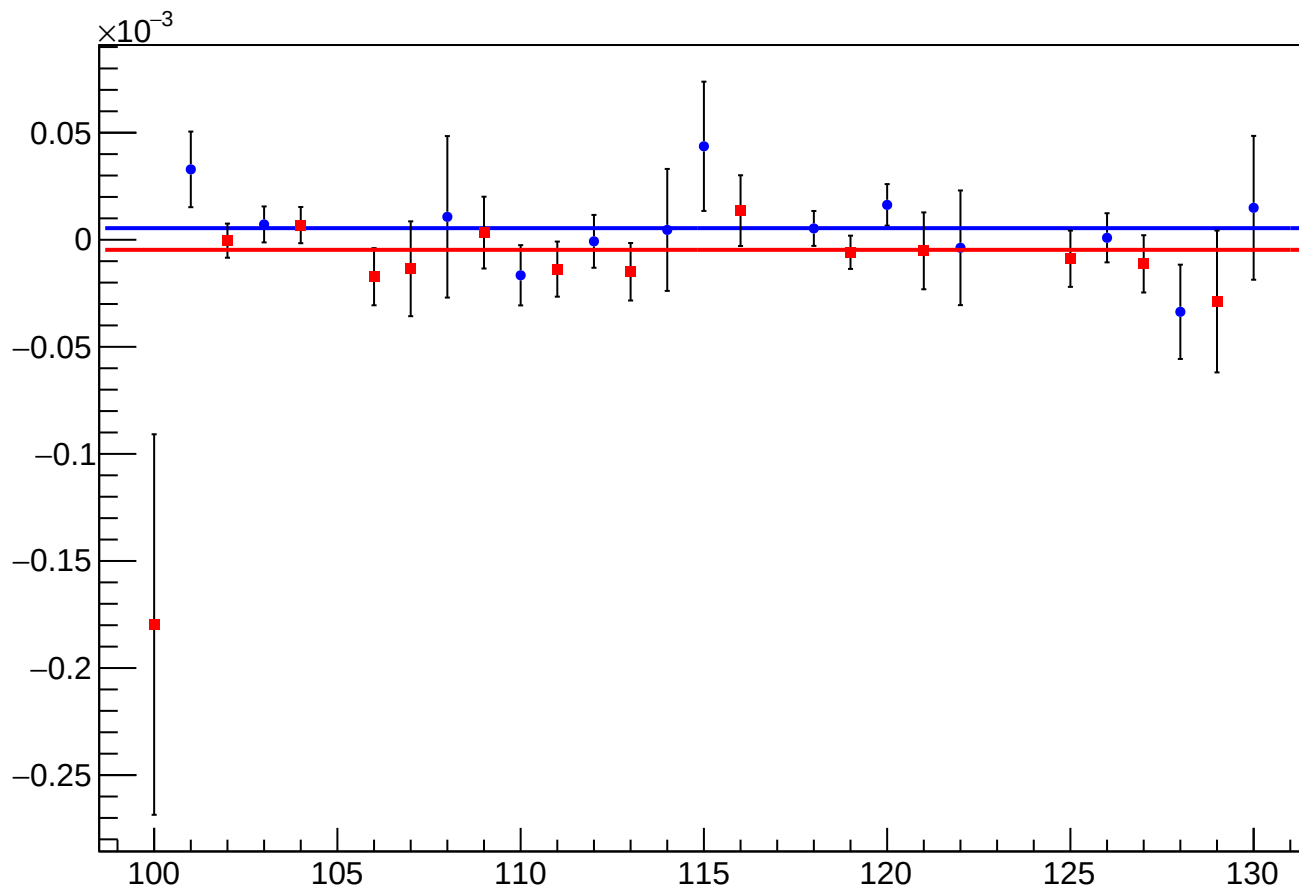
Right: 83.196+/-0.020 χ^2/NDF : 3805343.0/26

In: 89.961+/-0.030 χ^2/NDF : 1546845.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.196+/-0.020 χ^2/NDF : 3805343.0/26

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

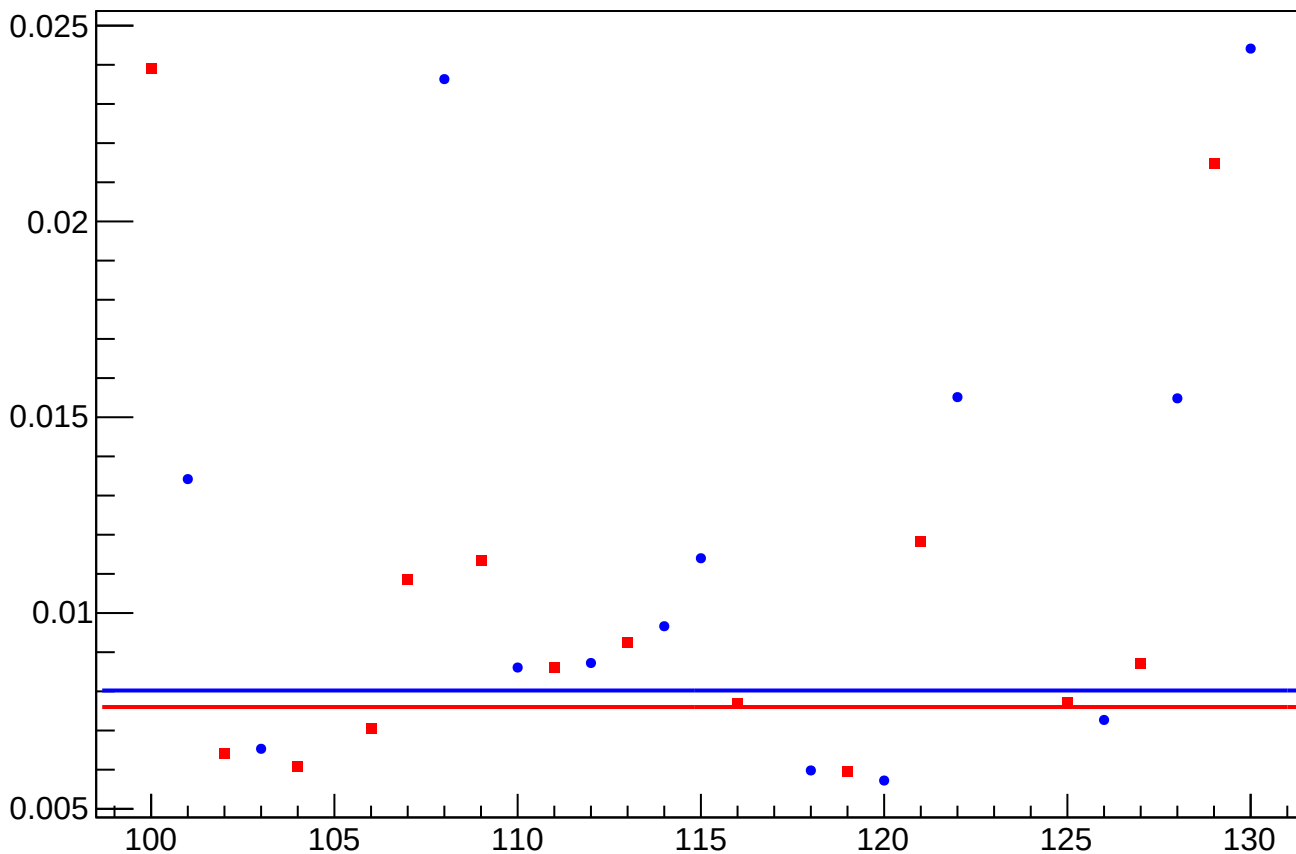
Right: -0.000+/-0.000 χ^2/NDF : 26.0/26

In: 0.000+/-0.000 χ^2/NDF : 11.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.0/26

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 1743229.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 930169.4/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

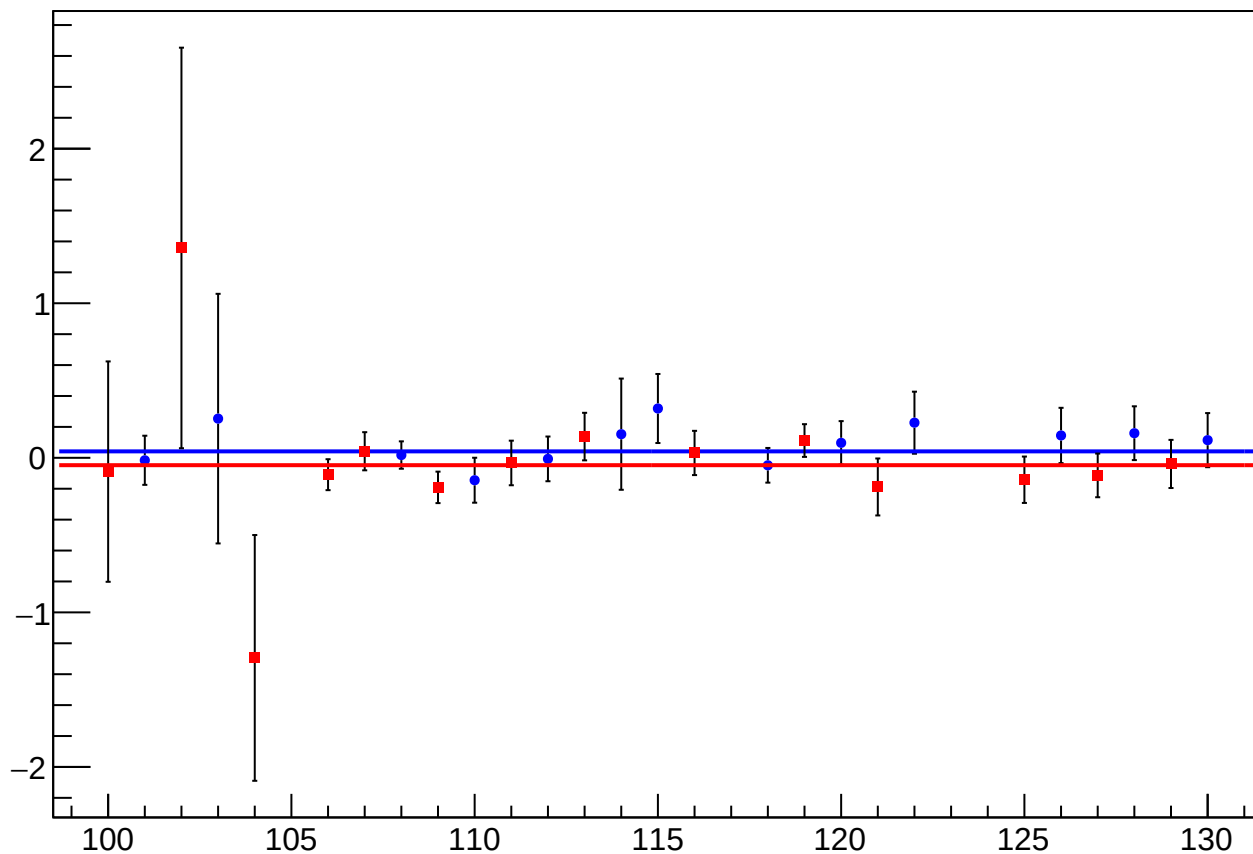
Right: 0.008+/-0.000 χ^2/NDF : 2687259.9/26

In: 0.008+/-0.000 χ^2/NDF :1743229.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.000 χ^2/NDF : 2687259.9/26

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_slug, Sign Corrected



Right In: 0.042+/-0.043 χ^2/NDF : 6.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.048+/-0.039 χ^2/NDF : 11.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

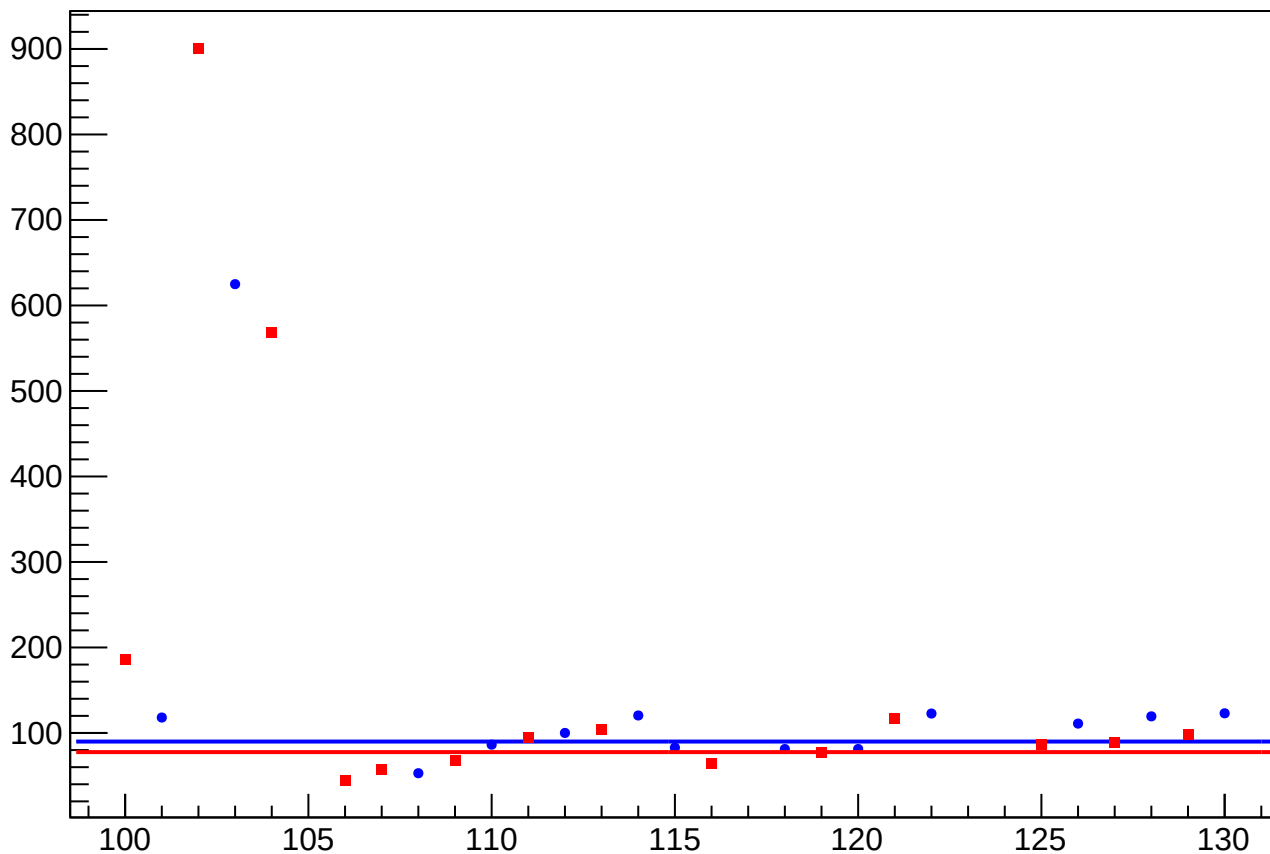
Right: -0.007+/-0.029 χ^2/NDF : 20.4/26

In: 0.042+/-0.043 χ^2/NDF : 6.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.029 χ^2/NDF : 20.4/26

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 89.965+/-0.030 χ^2/NDF : 1546551.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.625+/-0.028 χ^2/NDF : 2167780.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

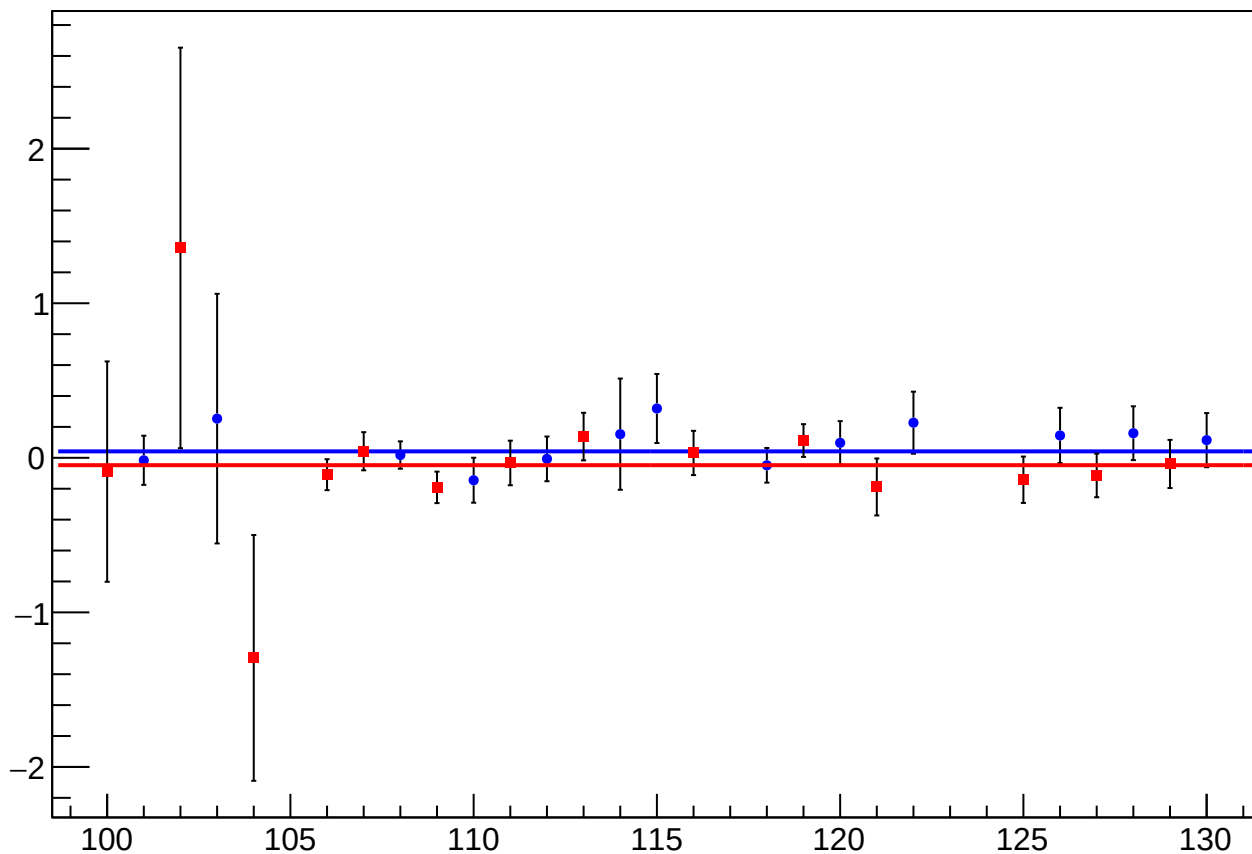
Right: 83.197+/-0.020 χ^2/NDF : 3805071.6/26

In: 89.965+/-0.030 χ^2/NDF : 1546551.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.197+/-0.020 χ^2/NDF : 3805071.6/26

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.042 $\pm$ 0.043 χ^2/NDF : 6.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.048 $\pm$ 0.039 χ^2/NDF : 11.8/13

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

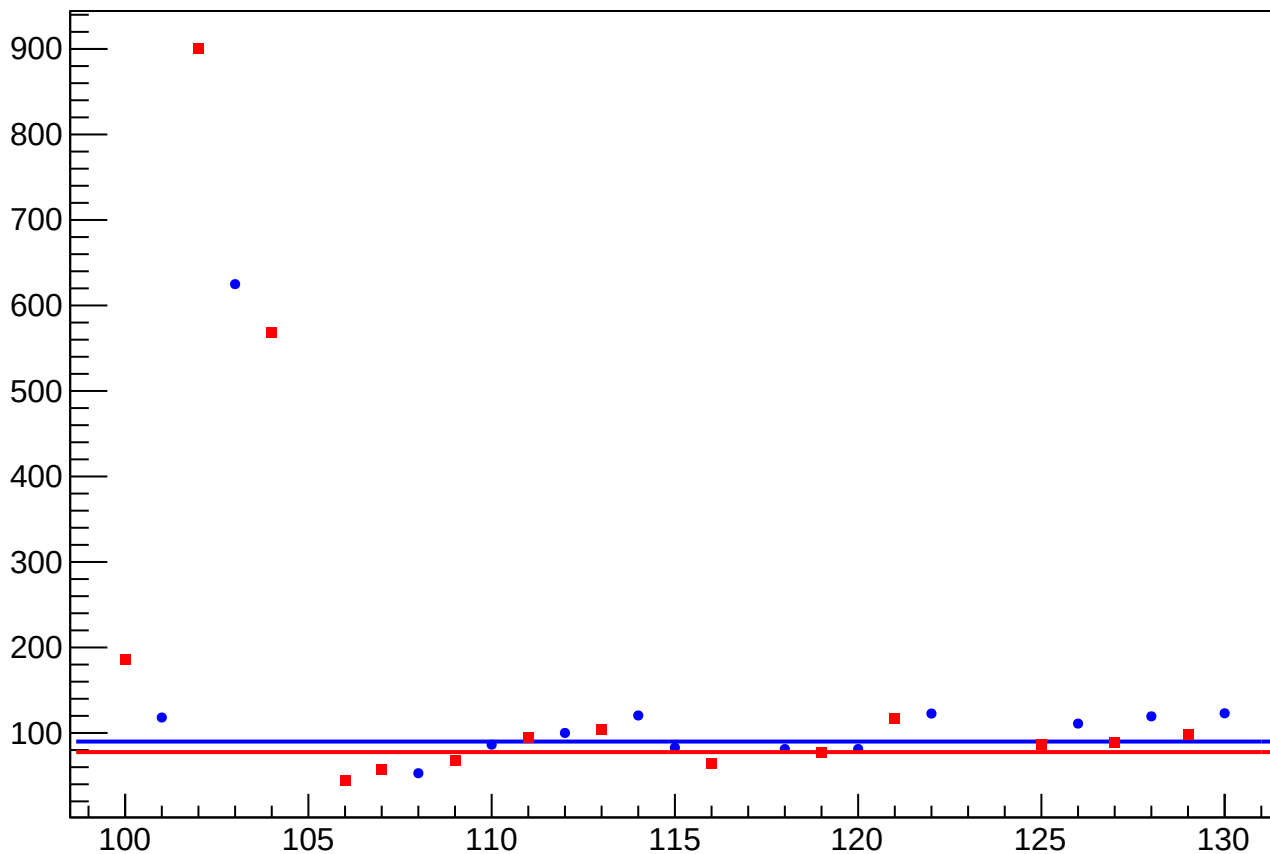
Right: -0.007 $\pm$ 0.029 χ^2/NDF : 20.4/26

In: 0.042 $\pm$ 0.043 χ^2/NDF : 6.3/12

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.007 $\pm$ 0.029 χ^2/NDF : 20.4/26

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 89.965+/-0.030 χ^2/NDF : 1546551.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.625+/-0.028 χ^2/NDF : 2167780.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

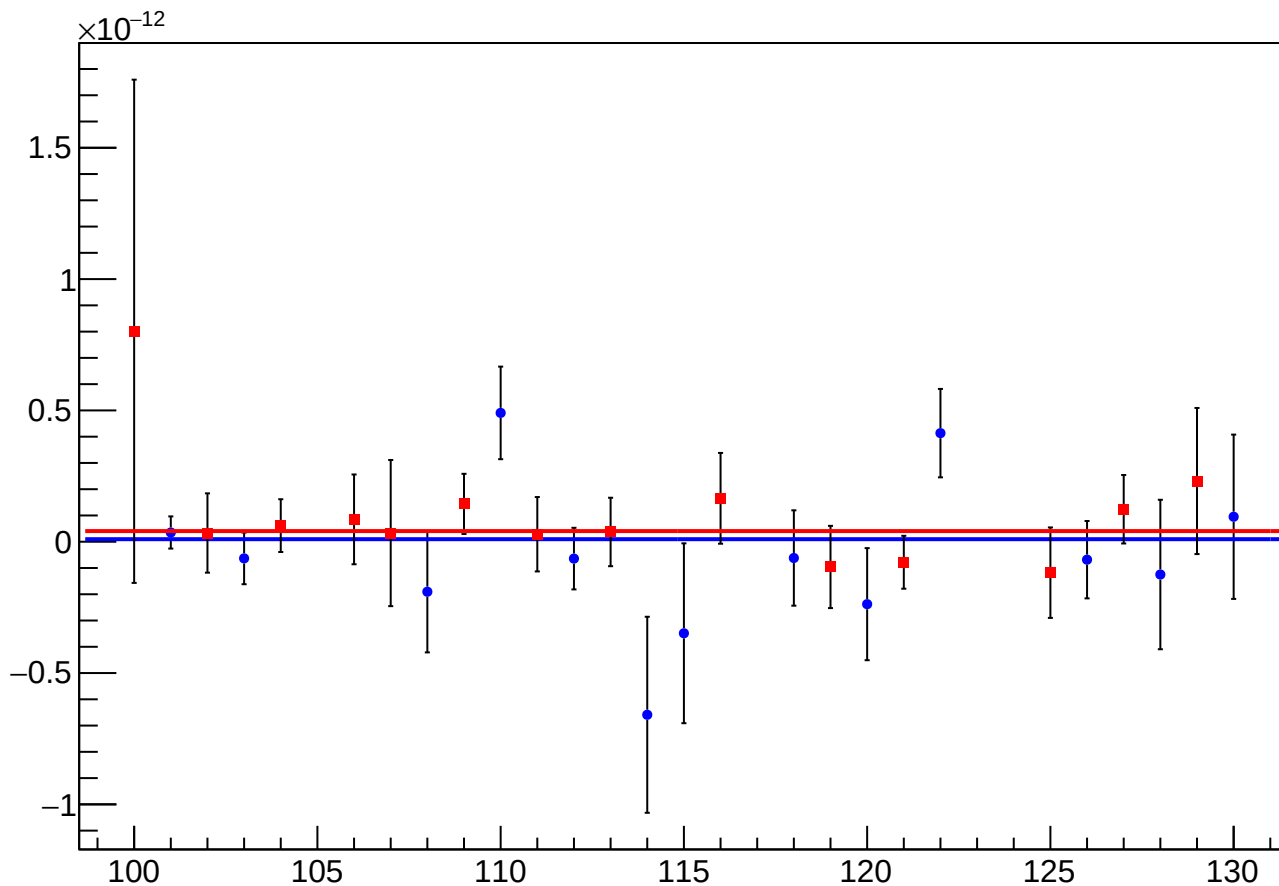
Right: 83.197+/-0.020 χ^2/NDF : 3805071.6/26

In: 89.965+/-0.030 χ^2/NDF : 1546551.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.197+/-0.020 χ^2/NDF : 3805071.6/26

asym_us_dd_at2lr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 21.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

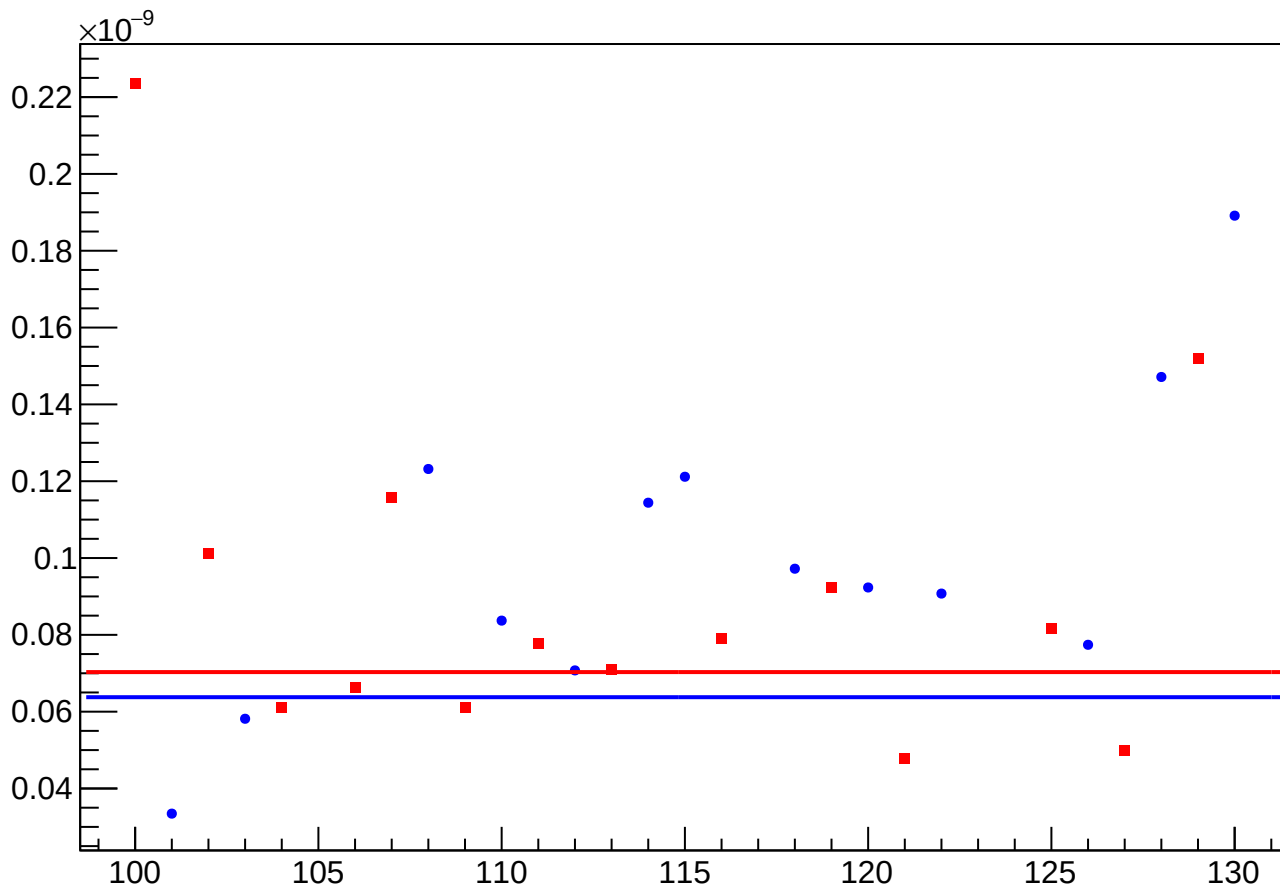
Right: 0.000+/-0.000 χ^2/NDF : 27.7/26

In: 0.000+/-0.000 χ^2/NDF : 21.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.7/26

asym_us_dd_at2lr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1419017.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 597905.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

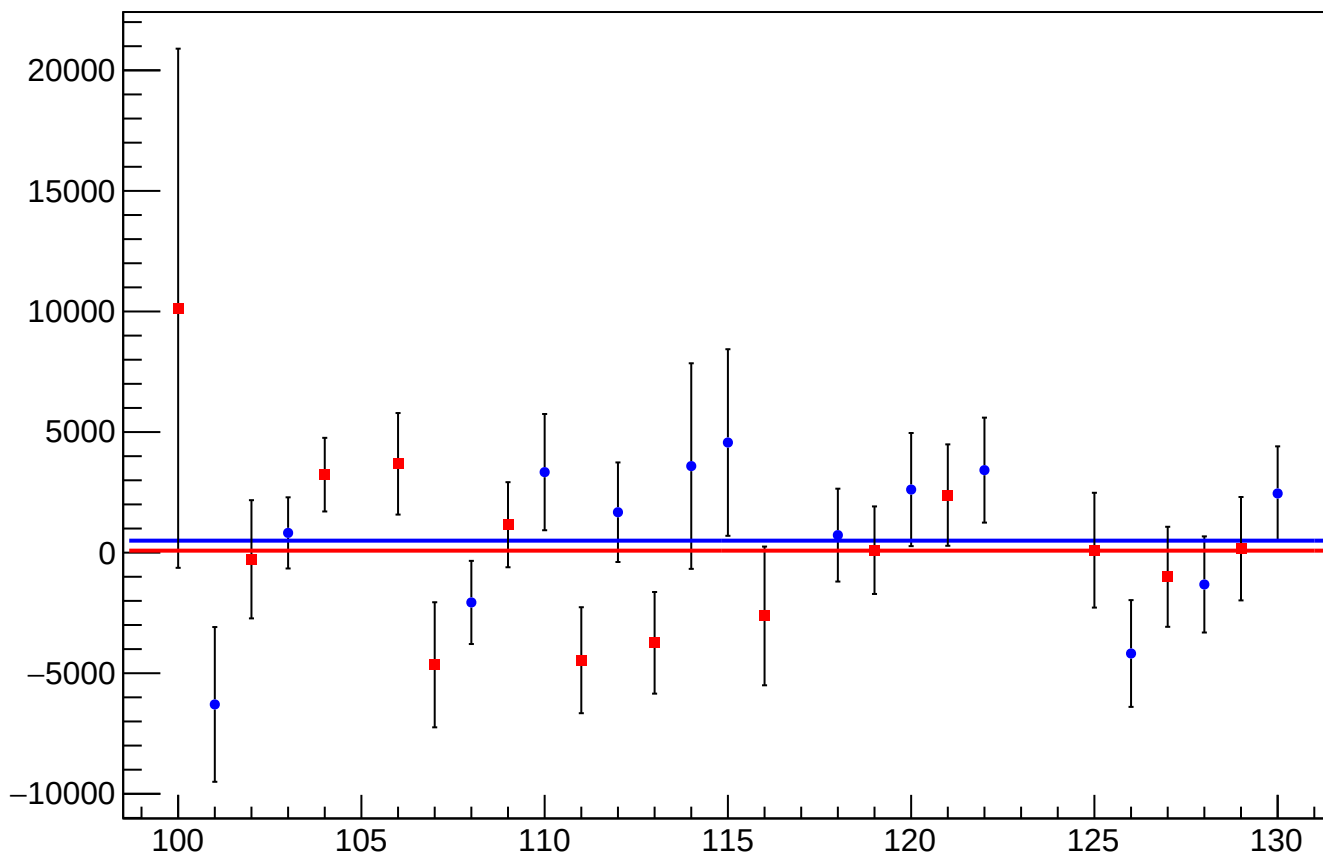
Right: 0.000+/-0.000 χ^2/NDF : 2045114.5/26

In: 0.000+/-0.000 χ^2/NDF : 1419017.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2045114.5/26

reg_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 497.297 $\pm$ 597.413 χ^2 /NDF: 19.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 82.953 $\pm$ 576.463 χ^2 /NDF: 21.7/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

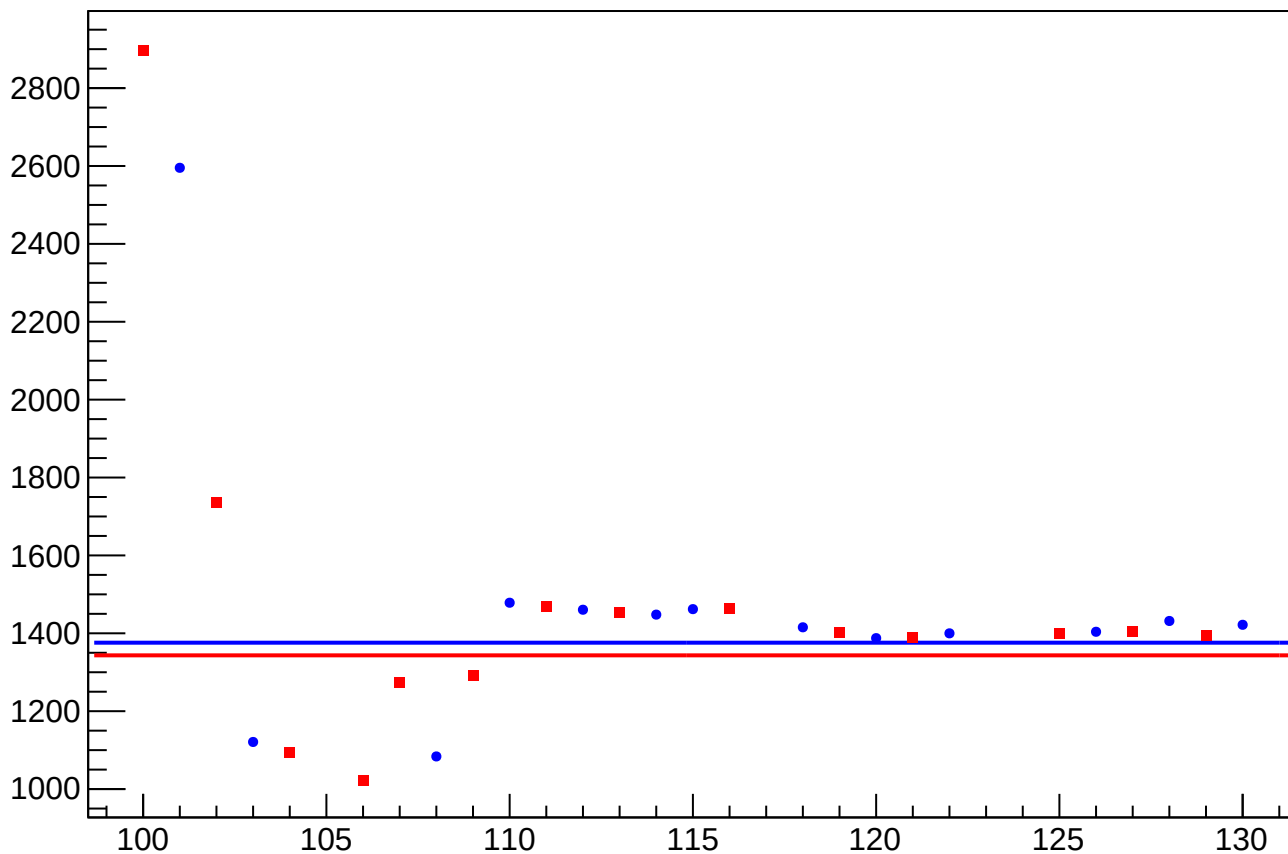
Right: 282.733 $\pm$ 414.830 χ^2 /NDF: 41.0/26

In: 497.297 $\pm$ 597.413 χ^2 /NDF:19.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 282.733 $\pm$ 414.830 χ^2 /NDF: 41.0/26

reg_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1375.899+/-0.422 χ^2/NDF : 418674.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1343.394+/-0.408 χ^2/NDF : 218372.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

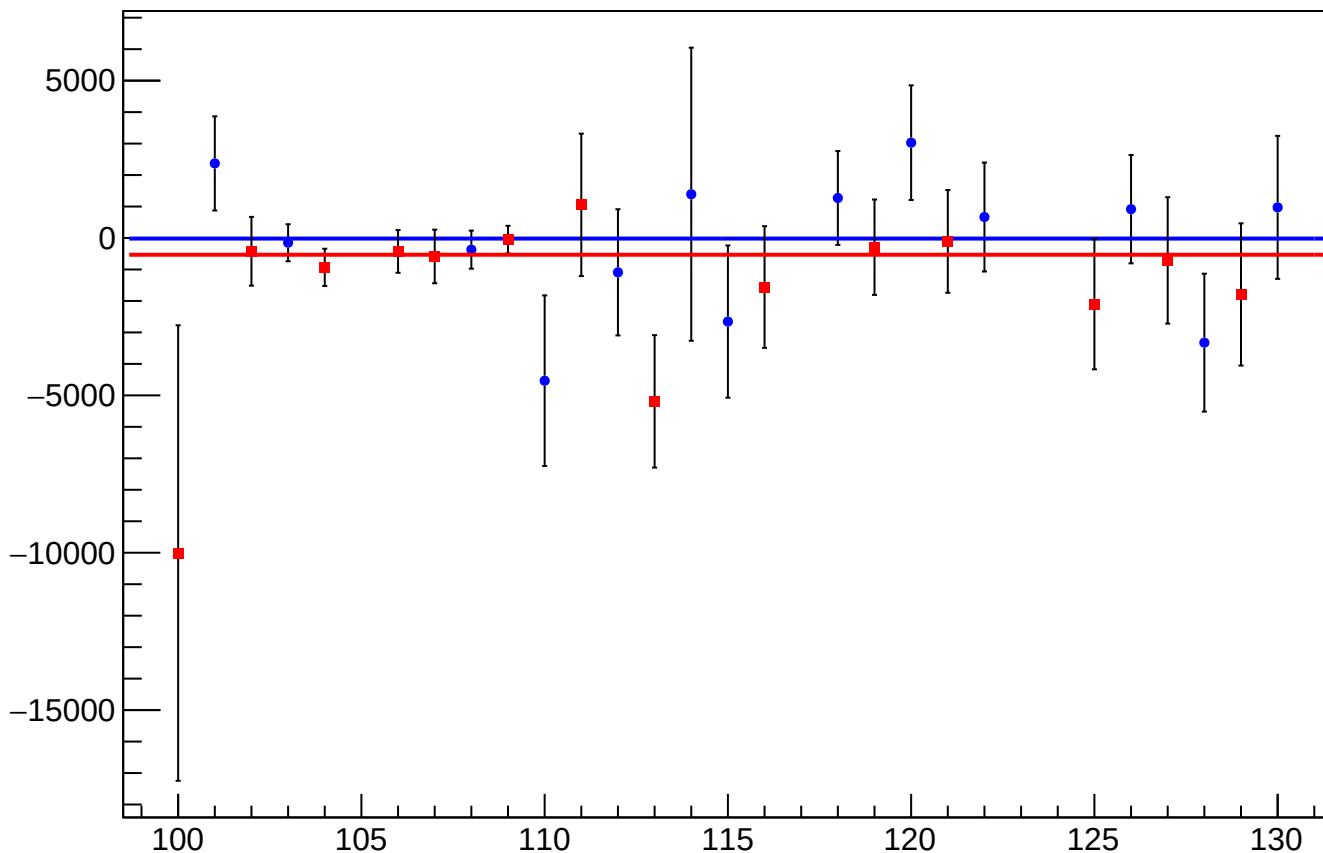
Right: 1359.067+/-0.293 χ^2/NDF : 640113.2/26

In: 1375.899+/-0.422 χ^2/NDF : 418674.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1359.067+/-0.293 χ^2/NDF : 640113.2/26

asym_us_dd_at2lr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -17.958 ± 343.004 χ^2/NDF : 13.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -531.617 ± 261.488 χ^2/NDF : 10.1/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

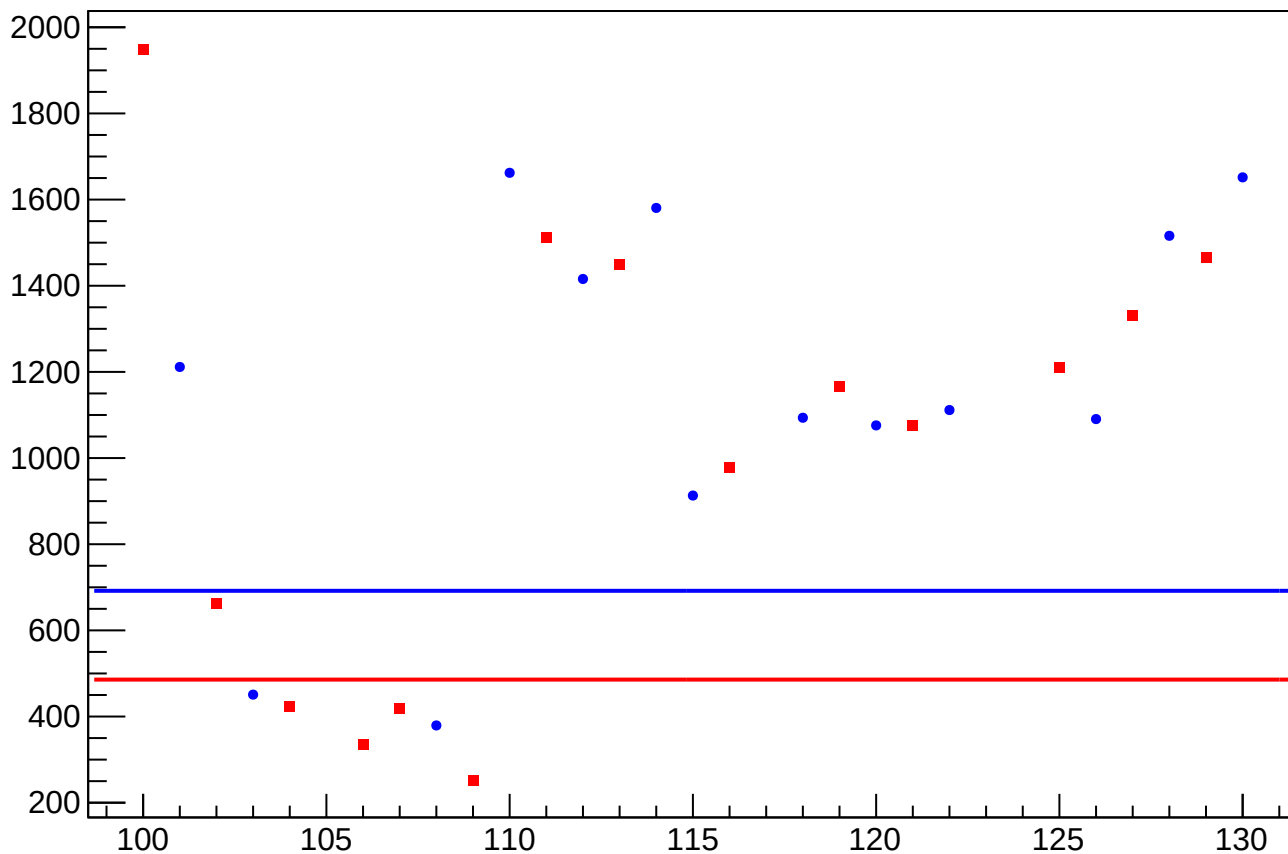
Right: -342.818 ± 207.952 χ^2/NDF : 25.2/26

In: -17.958 ± 343.004 χ^2/NDF : 13.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -342.818 ± 207.952 χ^2/NDF : 25.2/26

asym_us_dd_at2lr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 691.850+/-0.243 χ^2/NDF : 2816537.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 485.741+/-0.185 χ^2/NDF : 3441501.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

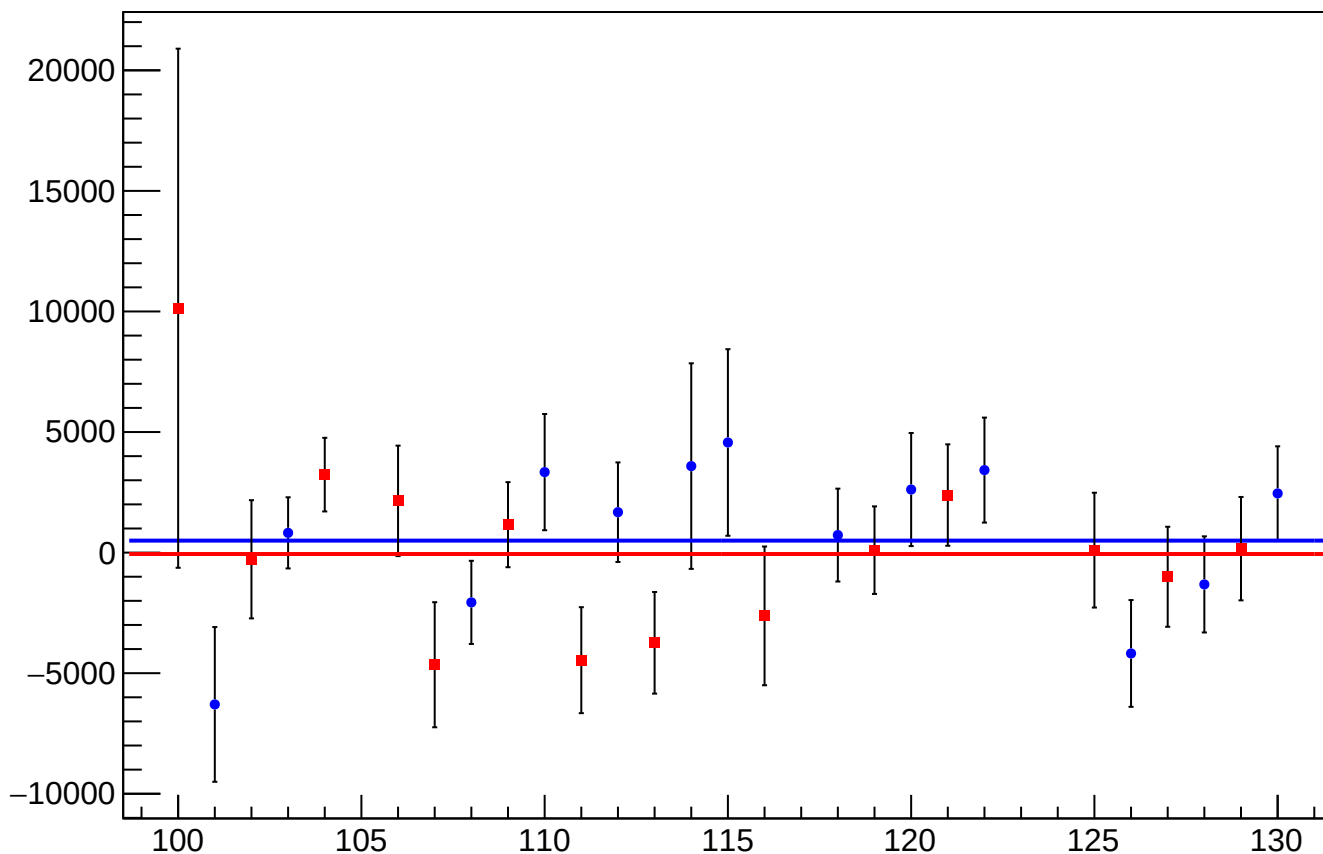
Right: 561.498+/-0.147 χ^2/NDF : 6714752.4/26

In: 691.850+/-0.243 χ^2/NDF : 2816537.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 561.498+/-0.147 χ^2/NDF : 6714752.4/26

cor_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 497.136+/-597.413 χ^2/NDF : 19.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -58.172+/-579.836 χ^2/NDF : 19.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

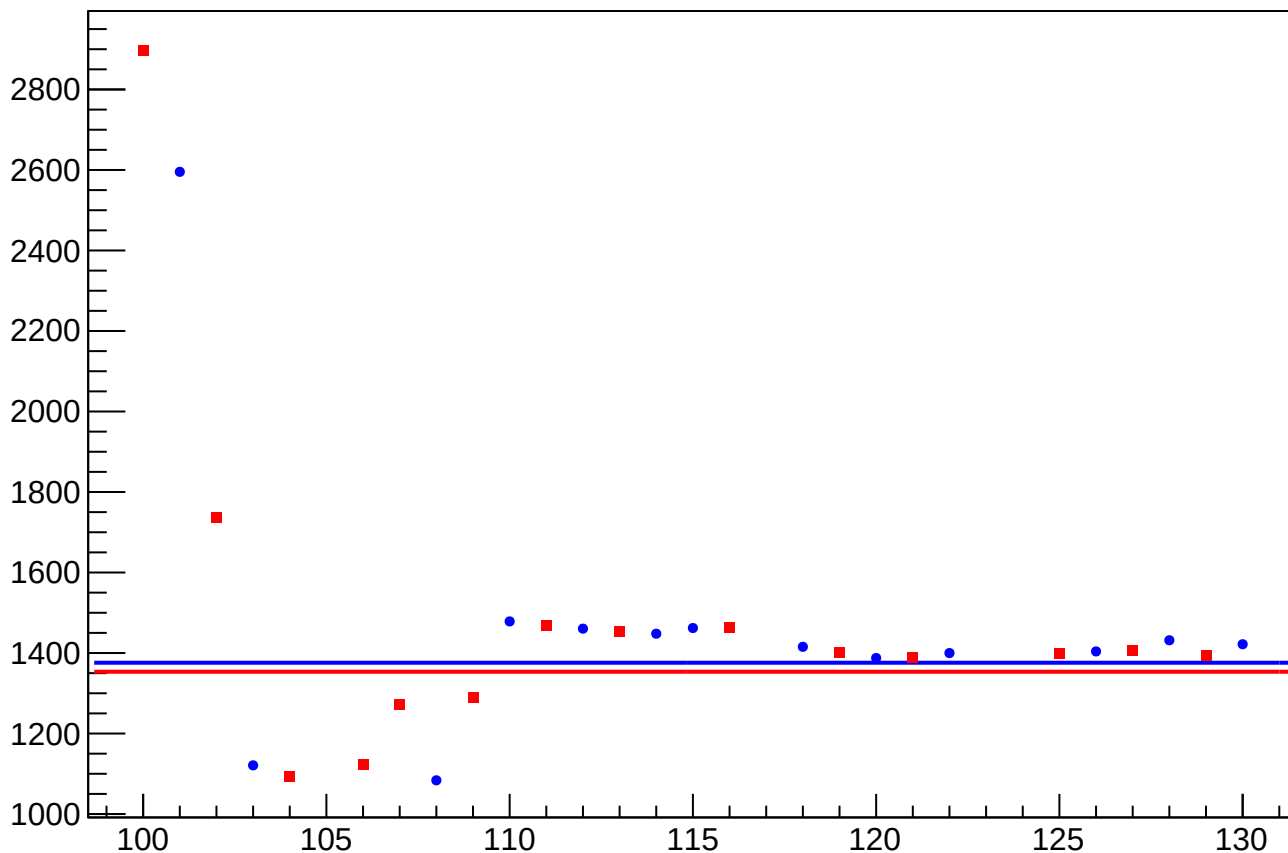
Right: 211.192+/-416.081 χ^2/NDF : 39.0/26

In: 497.136+/-597.413 χ^2/NDF : 19.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 211.192+/-416.081 χ^2/NDF : 39.0/26

cor_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1375.899+/-0.422 χ^2/NDF : 418674.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1353.514+/-0.410 χ^2/NDF : 190081.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

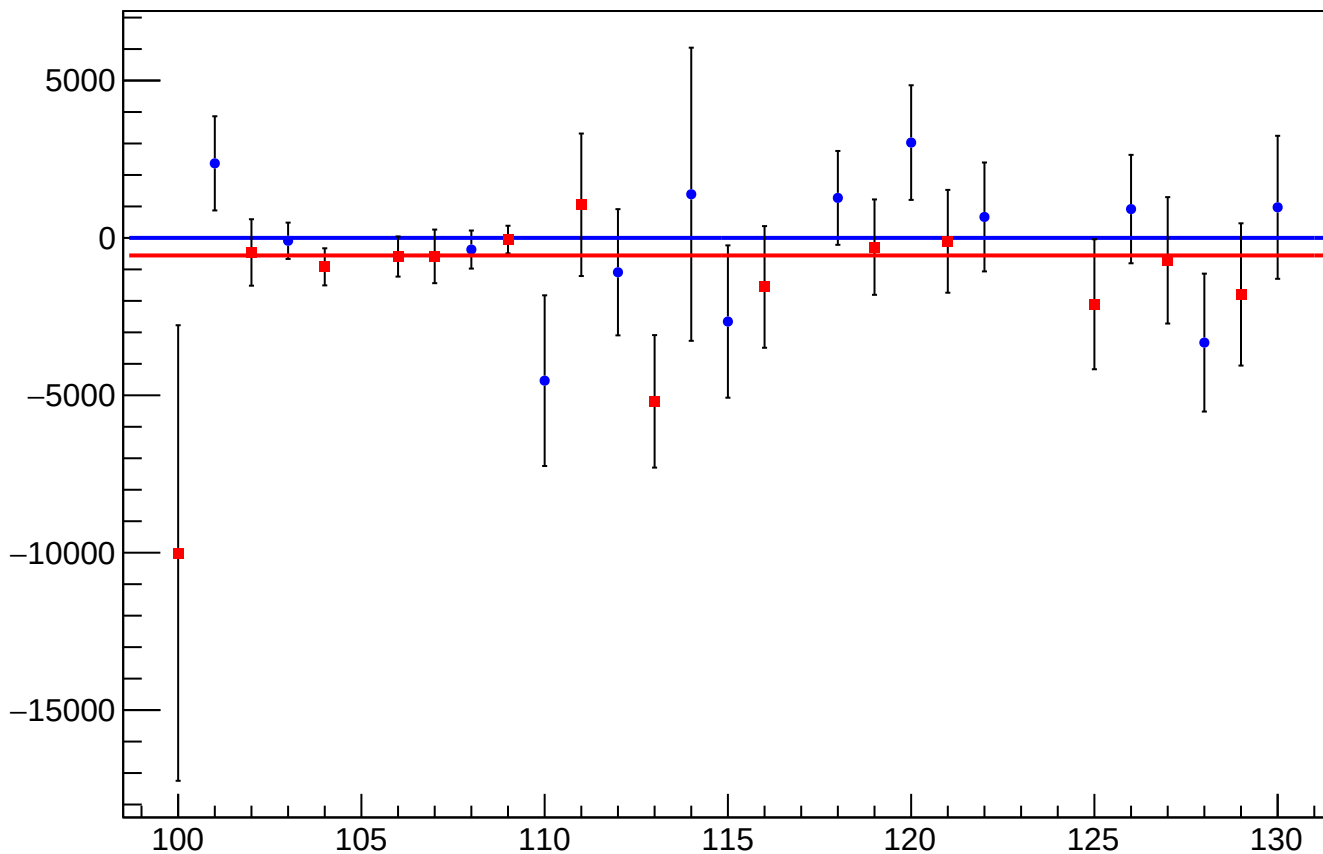
Right: 1364.372+/-0.294 χ^2/NDF : 610202.0/26

In: 1375.899+/-0.422 χ^2/NDF : 418674.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1364.372+/-0.294 χ^2/NDF : 610202.0/26

asym_us_dd_at2lr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1.128+/-340.742 χ^2/NDF : 13.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -556.717+/-258.153 χ^2/NDF : 10.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

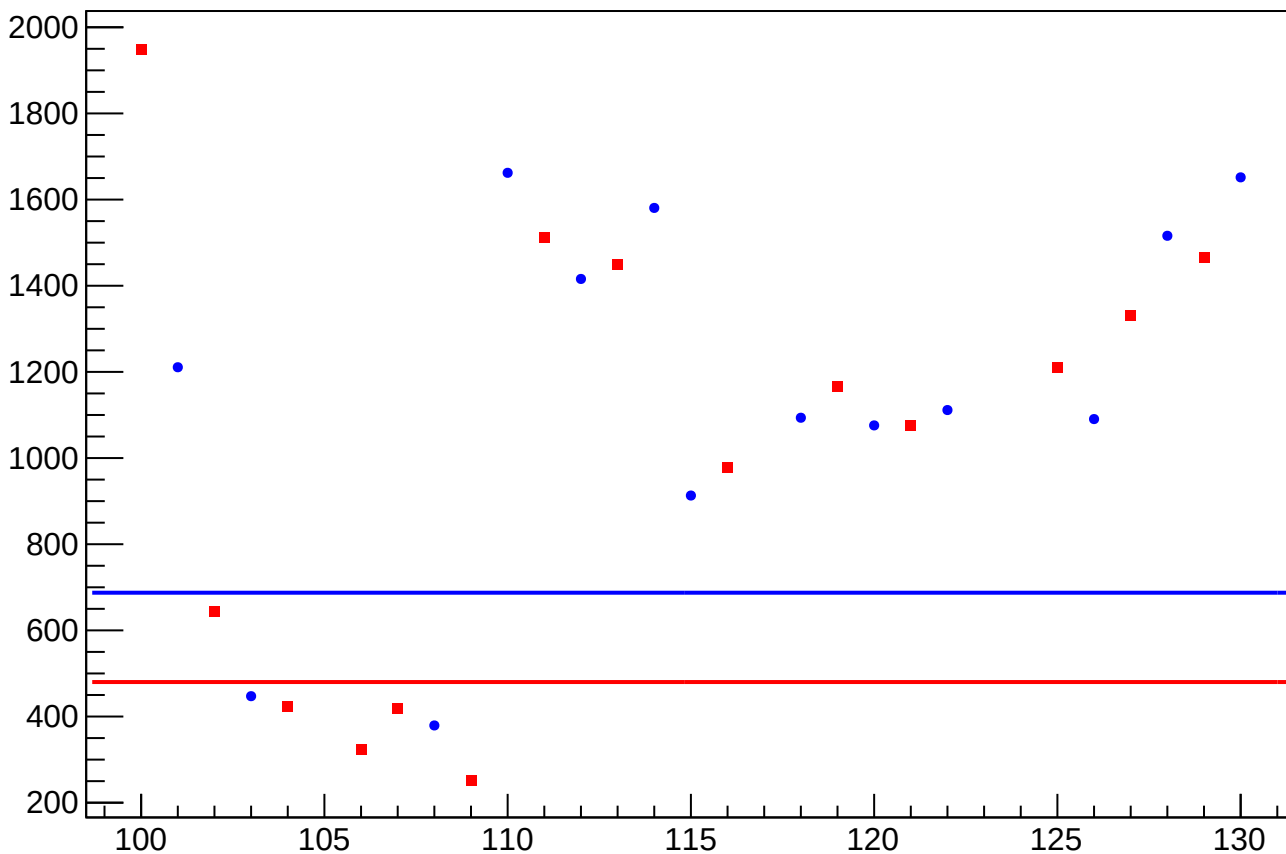
Right: -353.287+/-205.767 χ^2/NDF : 25.4/26

In: 1.128+/-340.742 χ^2/NDF : 13.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -353.287+/-205.767 χ^2/NDF : 25.4/26

asym_us_dd_at2lr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 687.432+/-0.241 χ^2/NDF : 2839443.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 480.069+/-0.183 χ^2/NDF : 3464717.9/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

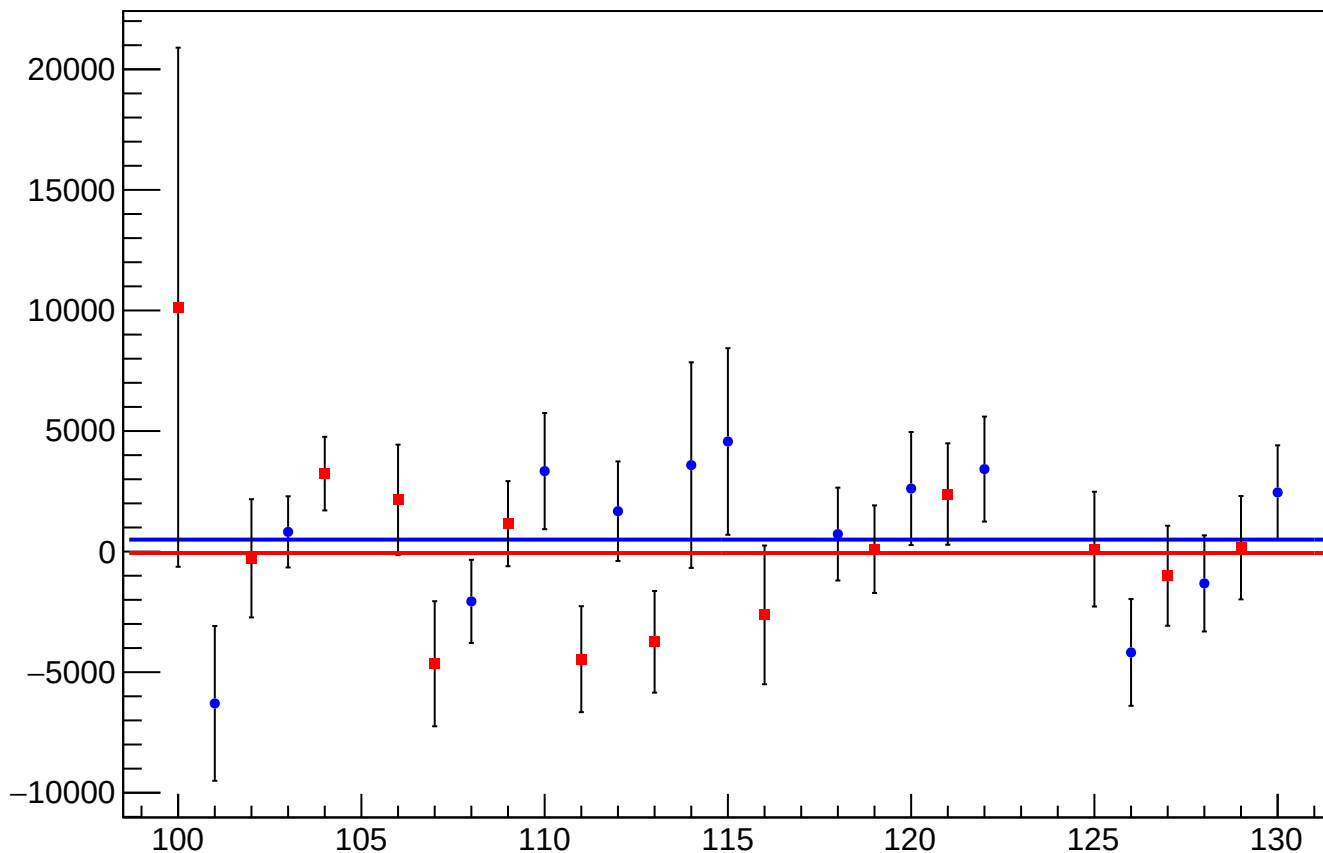
Right: 555.689+/-0.145 χ^2/NDF : 6774746.3/26

In: 687.432+/-0.241 χ^2/NDF :2839443.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 555.689+/-0.145 χ^2/NDF : 6774746.3/26

eigen_cor_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 497.136+/-597.413 χ^2/NDF : 19.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -58.172+/-579.836 χ^2/NDF : 19.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

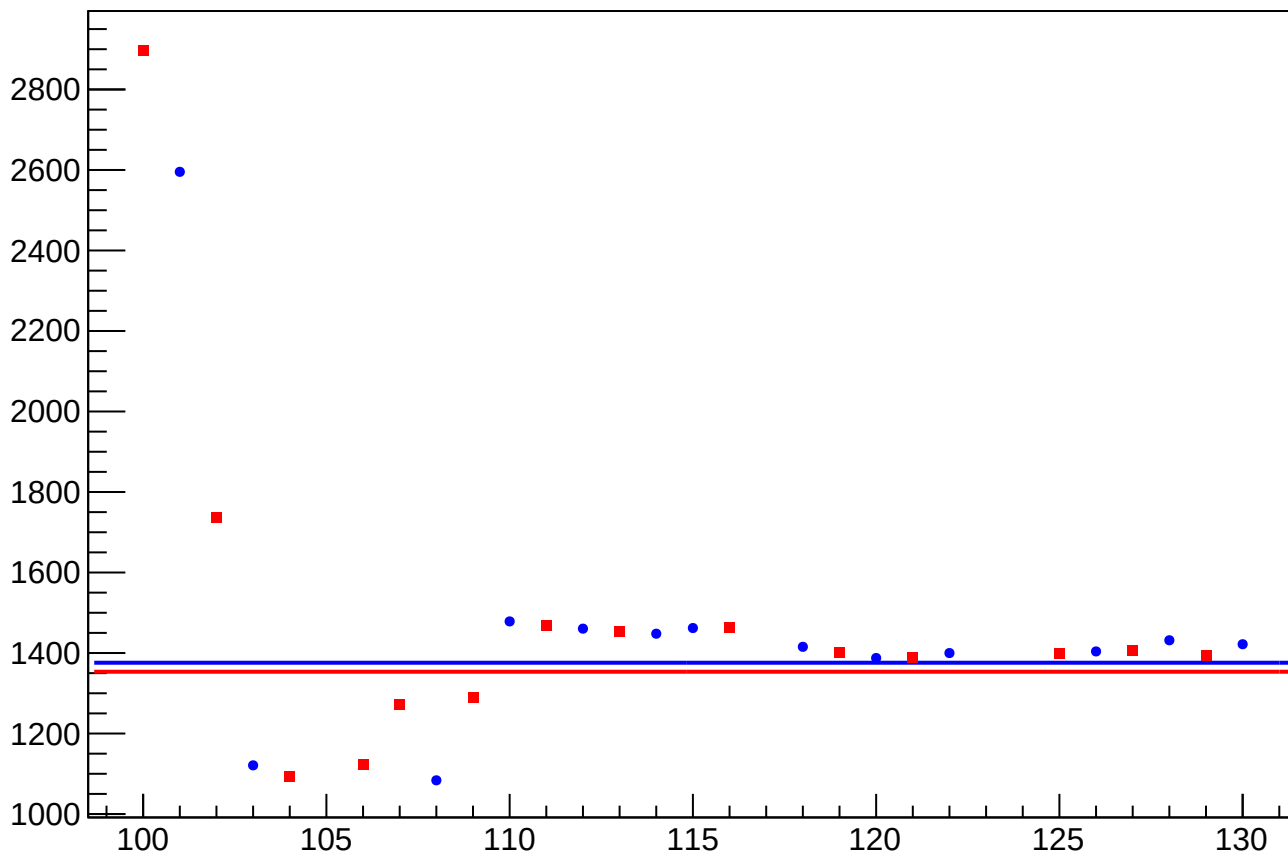
Right: 211.192+/-416.081 χ^2/NDF : 39.0/26

In: 497.136+/-597.413 χ^2/NDF : 19.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 211.192+/-416.081 χ^2/NDF : 39.0/26

eigen_cor_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1375.899+/-0.422 χ^2/NDF : 418674.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1353.514+/-0.410 χ^2/NDF : 190081.1/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

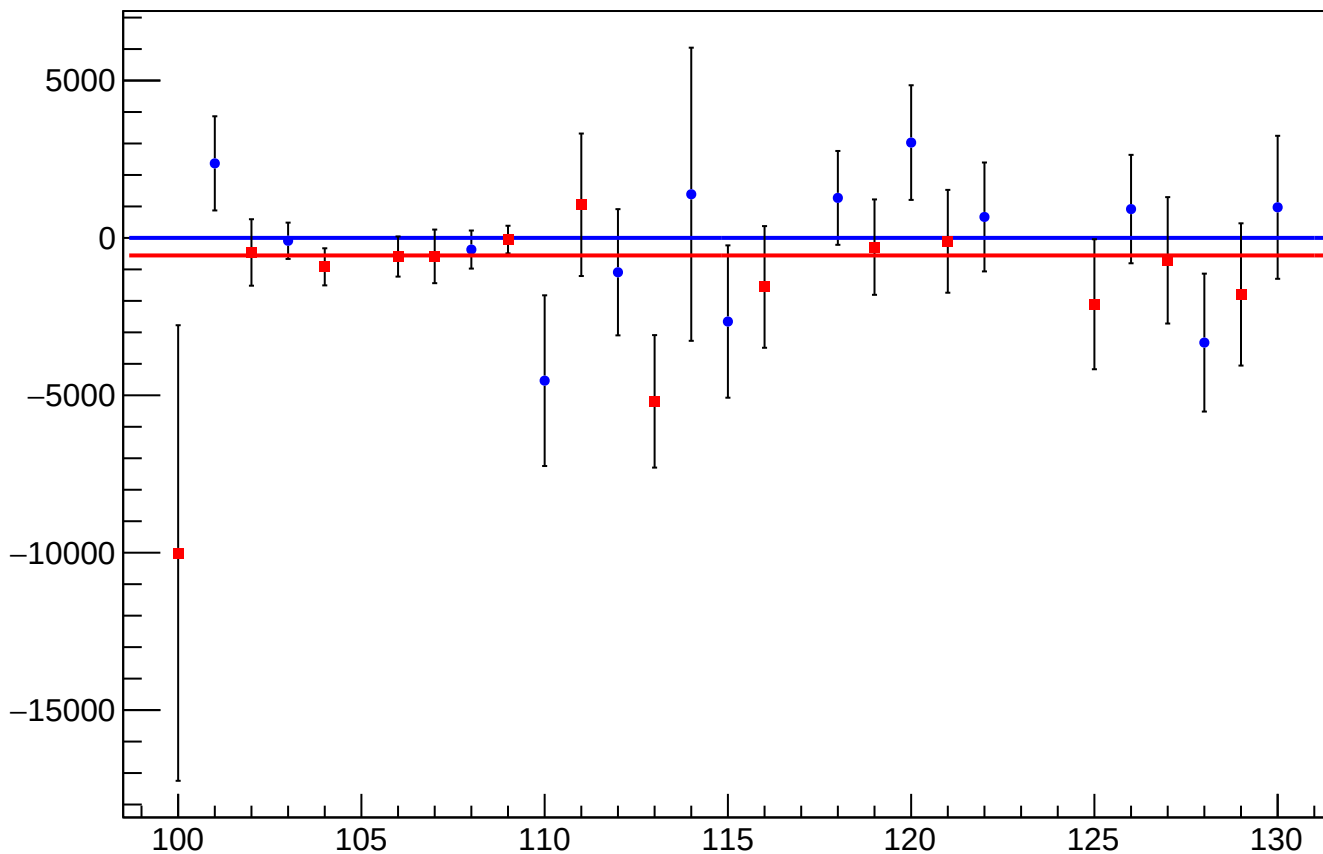
Right: 1364.372+/-0.294 χ^2/NDF : 610202.0/26

In: 1375.899+/-0.422 χ^2/NDF :418674.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1364.372+/-0.294 χ^2/NDF : 610202.0/26

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1.128+/-340.742 χ^2/NDF : 13.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -556.717+/-258.153 χ^2/NDF : 10.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

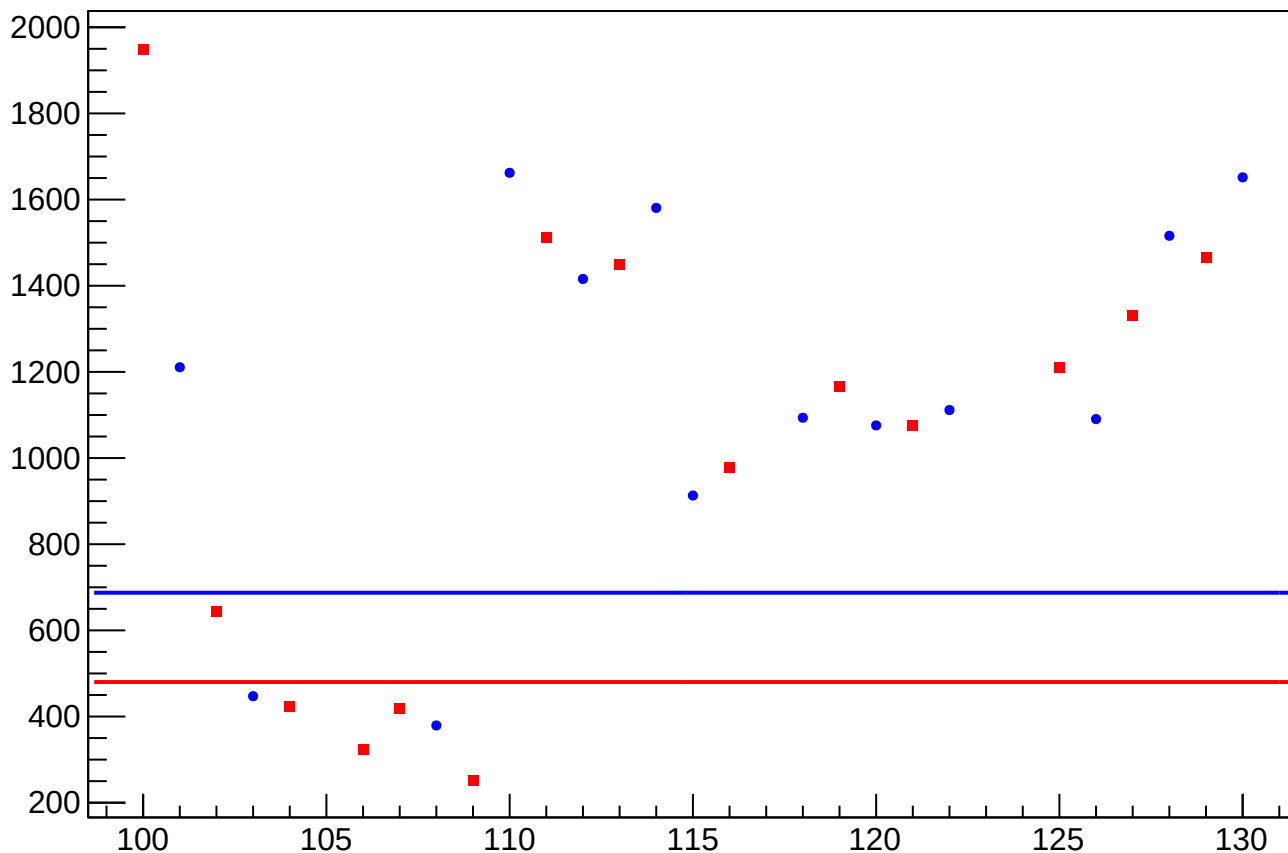
Right: -353.287+/-205.767 χ^2/NDF : 25.4/26

In: 1.128+/-340.742 χ^2/NDF : 13.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -353.287+/-205.767 χ^2/NDF : 25.4/26

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 687.432+/-0.241 χ^2/NDF : 2839443.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 480.069+/-0.183 χ^2/NDF : 3464717.9/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

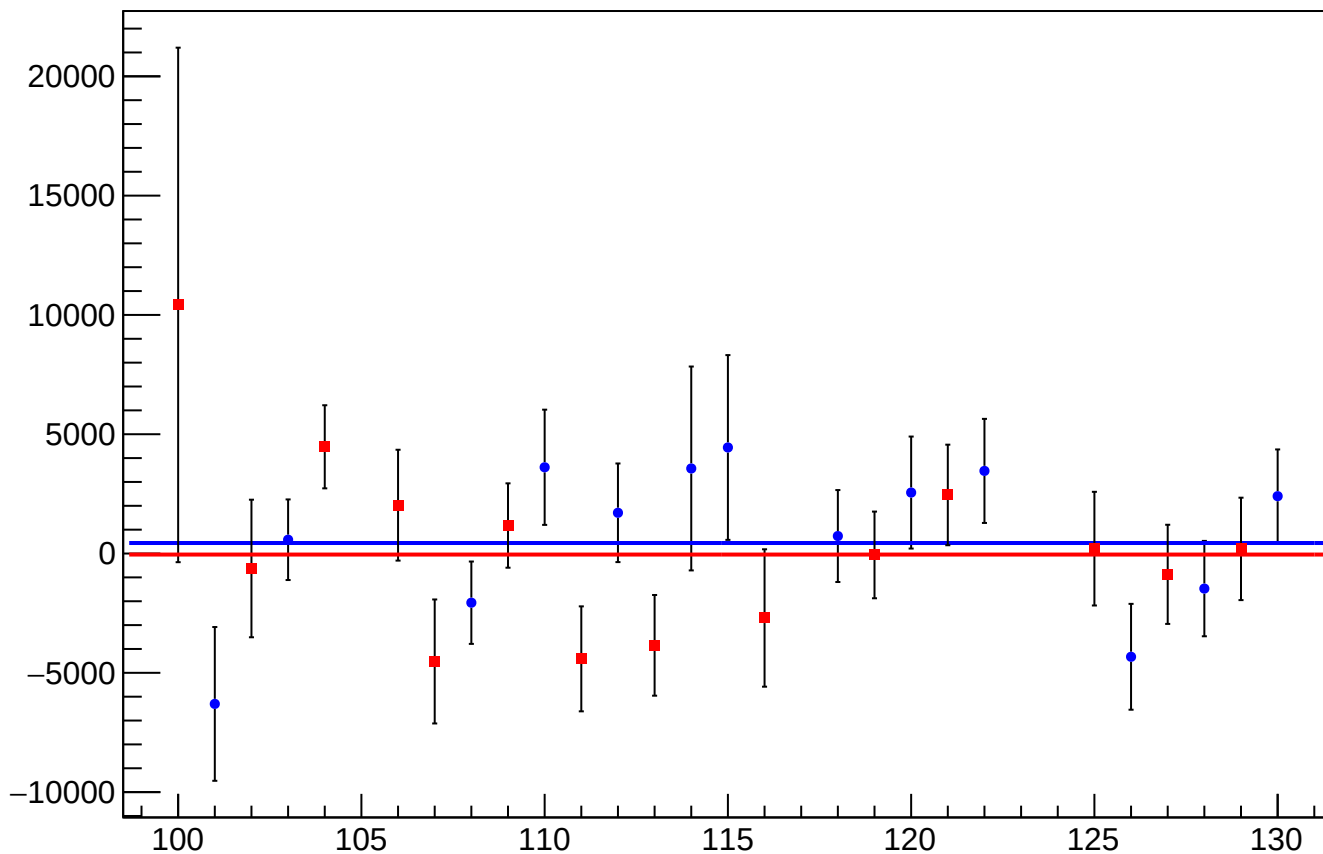
Right: 555.689+/-0.145 χ^2/NDF : 6774746.3/26

In: 687.432+/-0.241 χ^2/NDF :2839443.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 555.689+/-0.145 χ^2/NDF : 6774746.3/26

dit_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 440.978+/-610.282 χ^2/NDF : 19.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -43.082+/-595.810 χ^2/NDF : 21.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

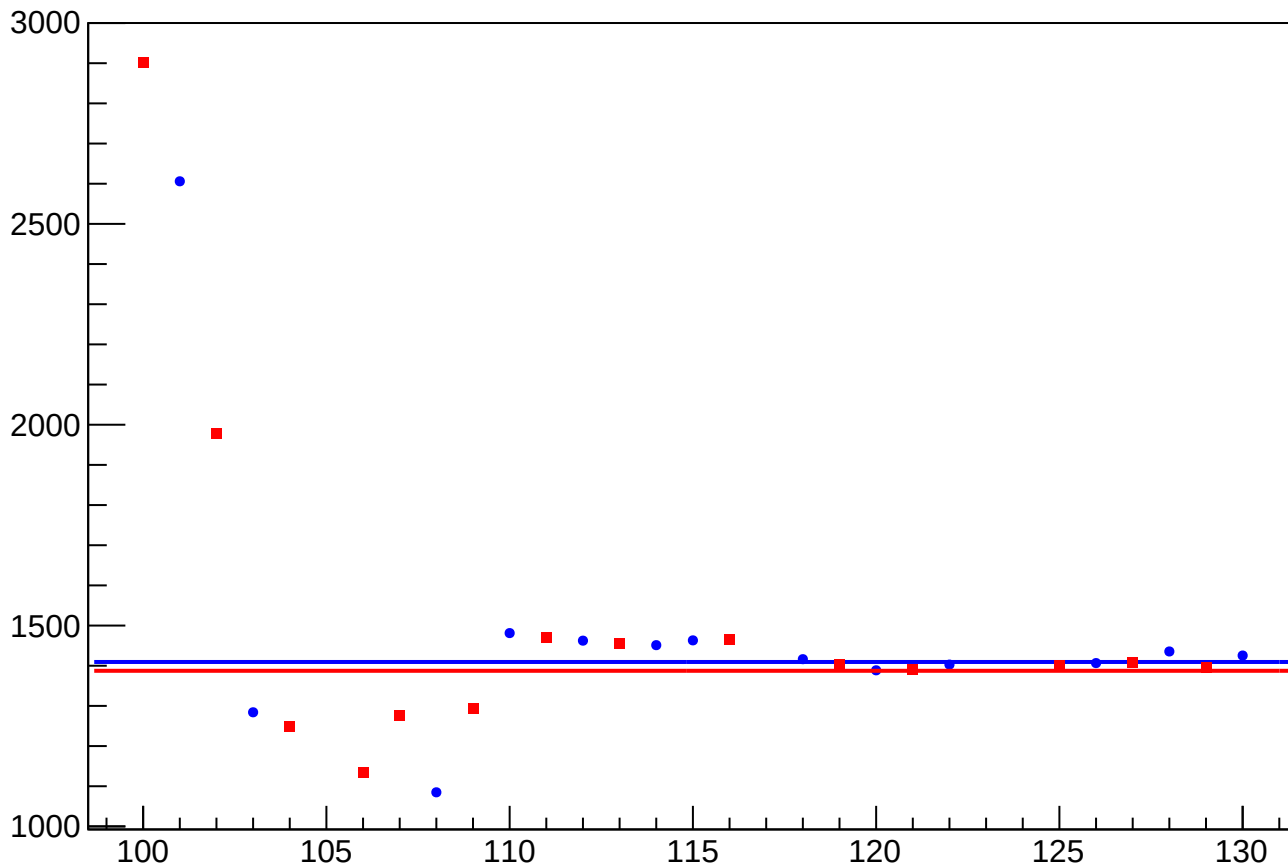
Right: 193.141+/-426.326 χ^2/NDF : 41.4/26

In: 440.978+/-610.282 χ^2/NDF : 19.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 193.141+/-426.326 χ^2/NDF : 41.4/26

dit_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1409.352+/-0.432 χ^2/NDF : 361831.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1387.405+/-0.421 χ^2/NDF : 176310.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

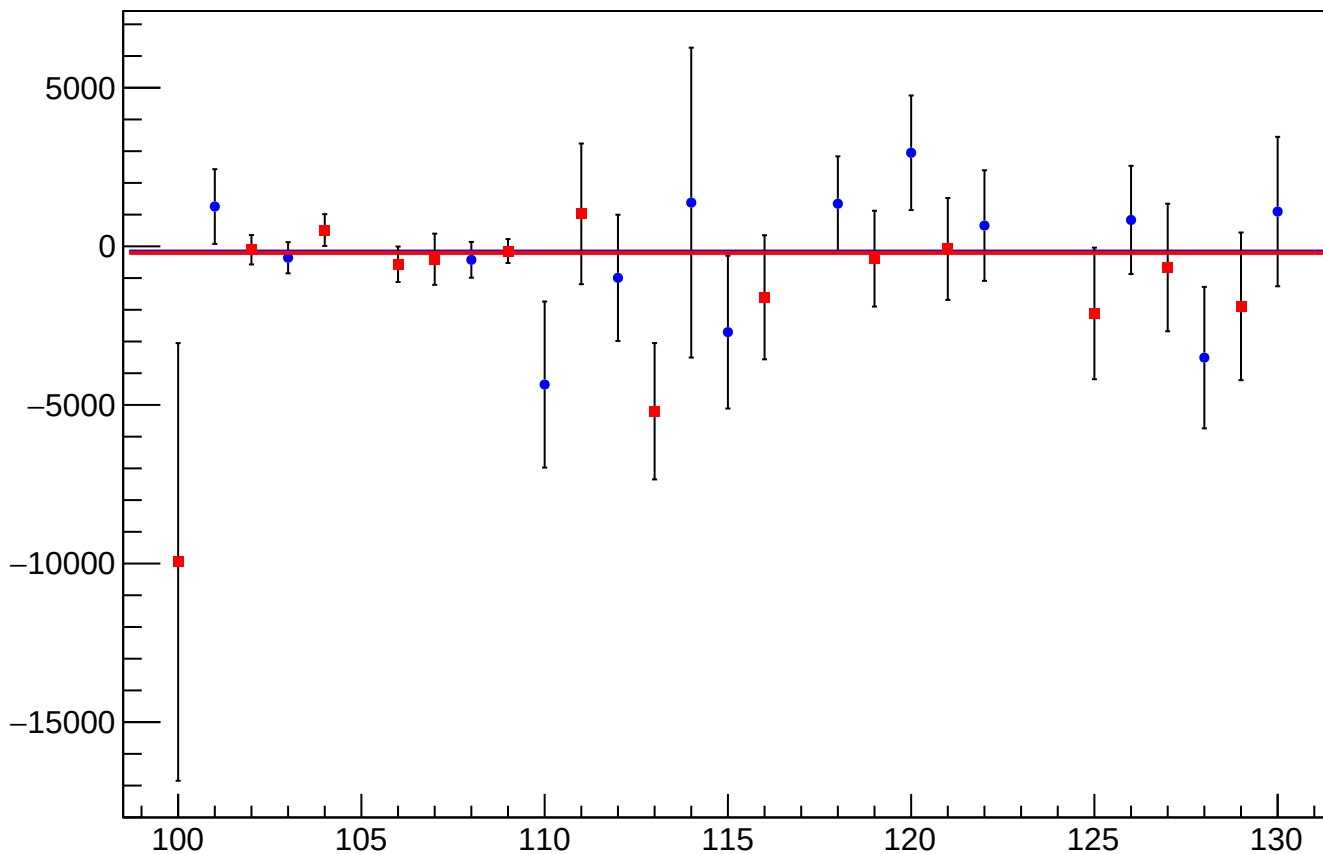
Right: 1398.115+/-0.301 χ^2/NDF : 539466.4/26

In: 1409.352+/-0.432 χ^2/NDF : 361831.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1398.115+/-0.301 χ^2/NDF : 539466.4/26

asym_us_dd_at2lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -164.275+/-309.732 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -206.871+/-210.338 χ^2/NDF : 12.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

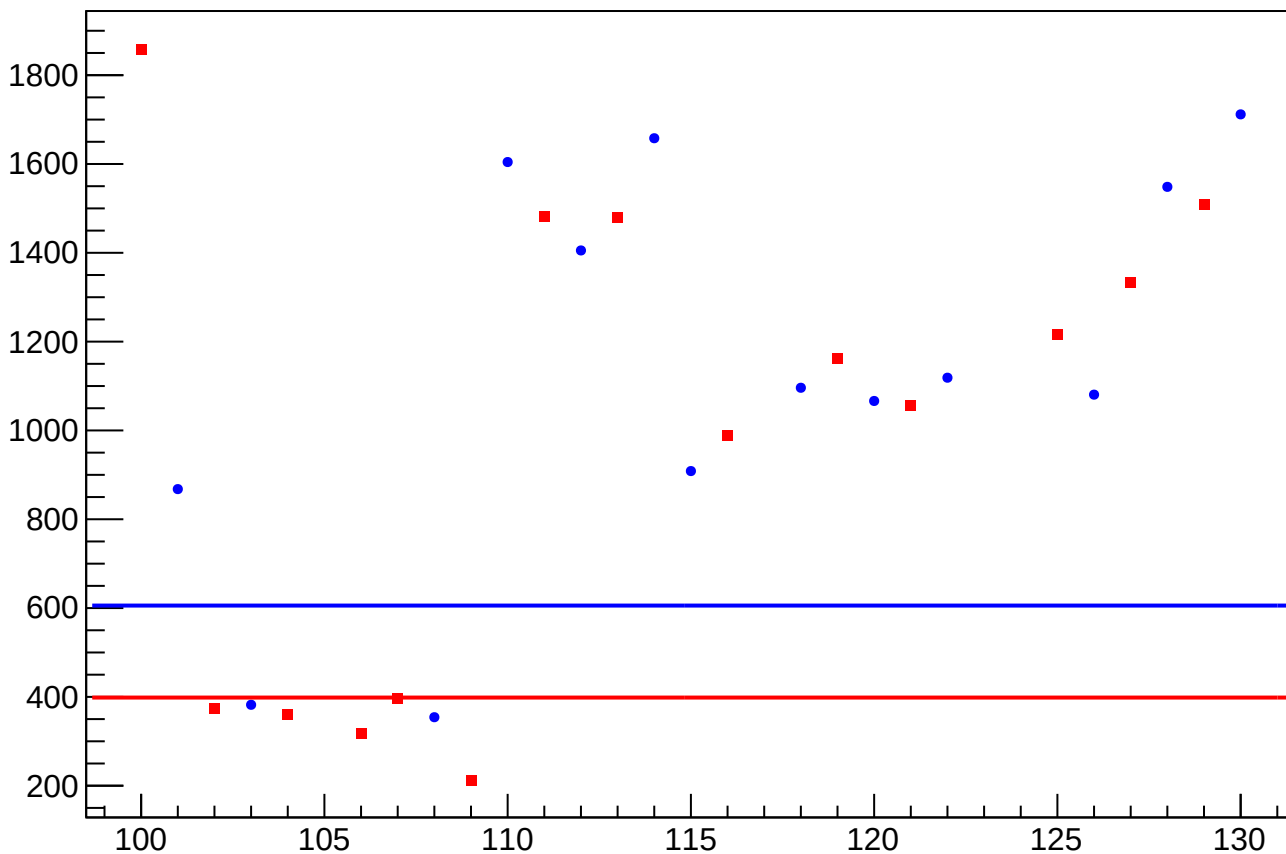
Right: -193.427+/-174.007 χ^2/NDF : 25.1/26

In: -164.275+/-309.732 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -193.427+/-174.007 χ^2/NDF : 25.1/26

asym_us_dd_at2lr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 605.644+/-0.219 χ^2/NDF : 3120276.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 398.495+/-0.149 χ^2/NDF : 3852658.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

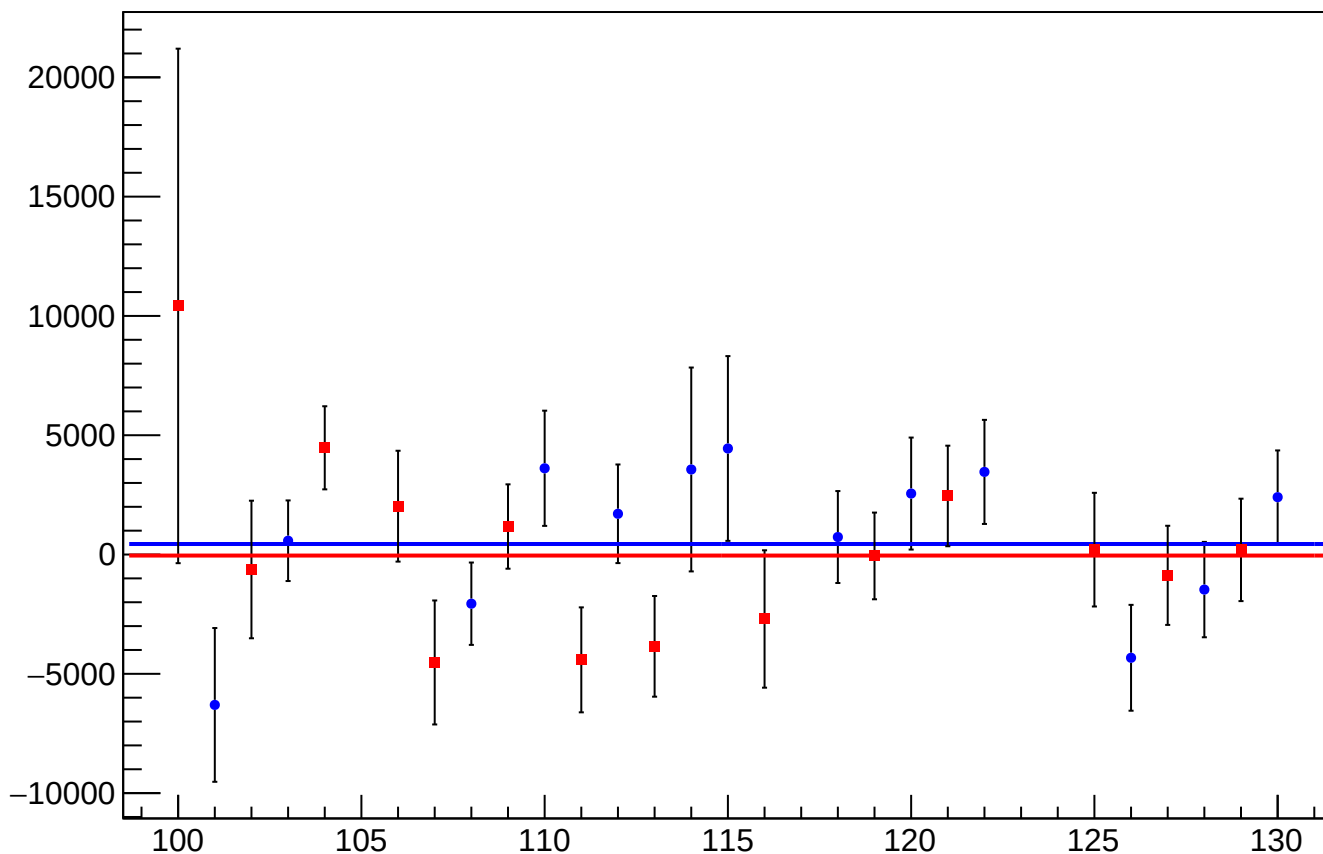
Right: 463.875+/-0.123 χ^2/NDF : 7585175.4/26

In: 605.644+/-0.219 χ^2/NDF : 3120276.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 463.875+/-0.123 χ^2/NDF : 7585175.4/26

eigen_dit_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 440.973+/-610.282 χ^2/NDF : 19.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -43.082+/-595.810 χ^2/NDF : 21.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

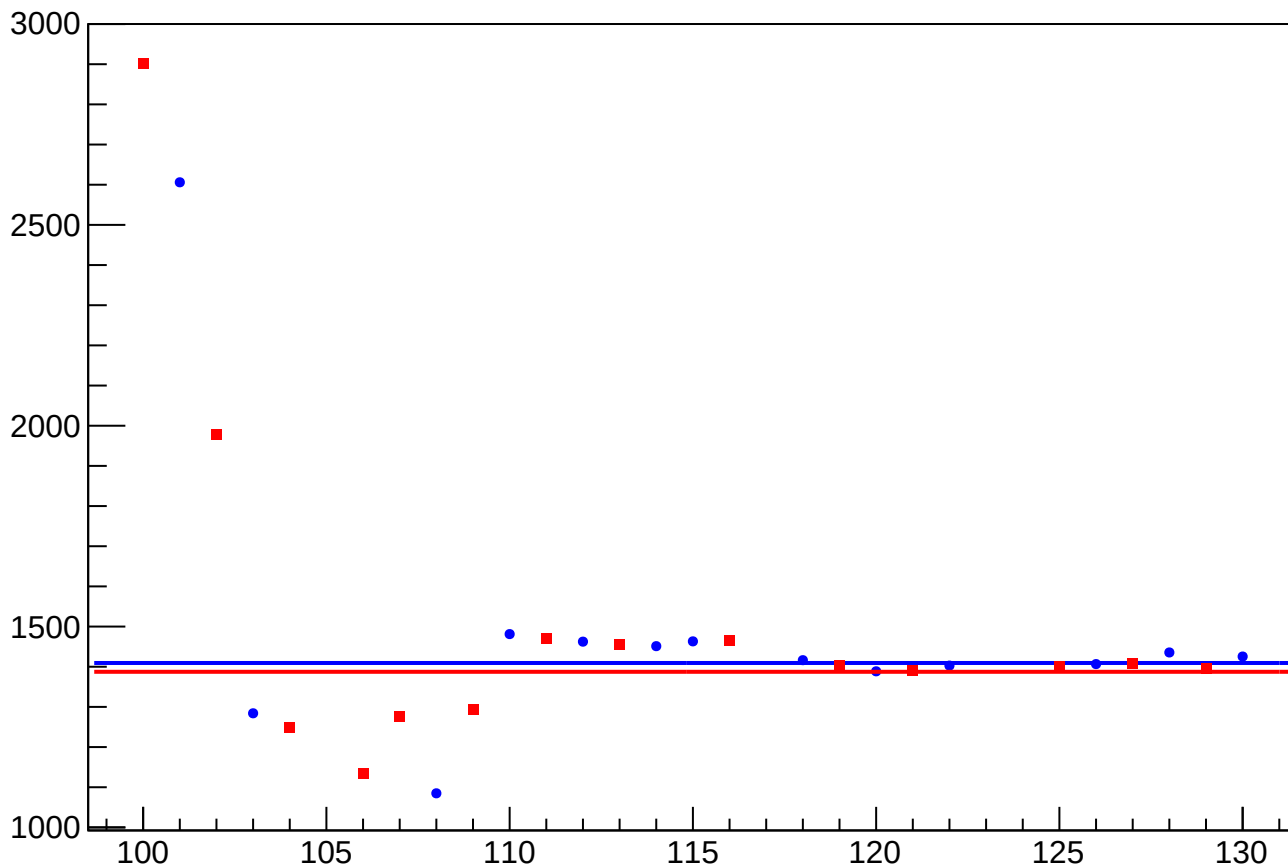
Right: 193.138+/-426.326 χ^2/NDF : 41.4/26

In: 440.973+/-610.282 χ^2/NDF : 19.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 193.138+/-426.326 χ^2/NDF : 41.4/26

eigen_dit_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1409.352+/-0.432 χ^2/NDF : 361831.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1387.404+/-0.421 χ^2/NDF : 176310.2/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

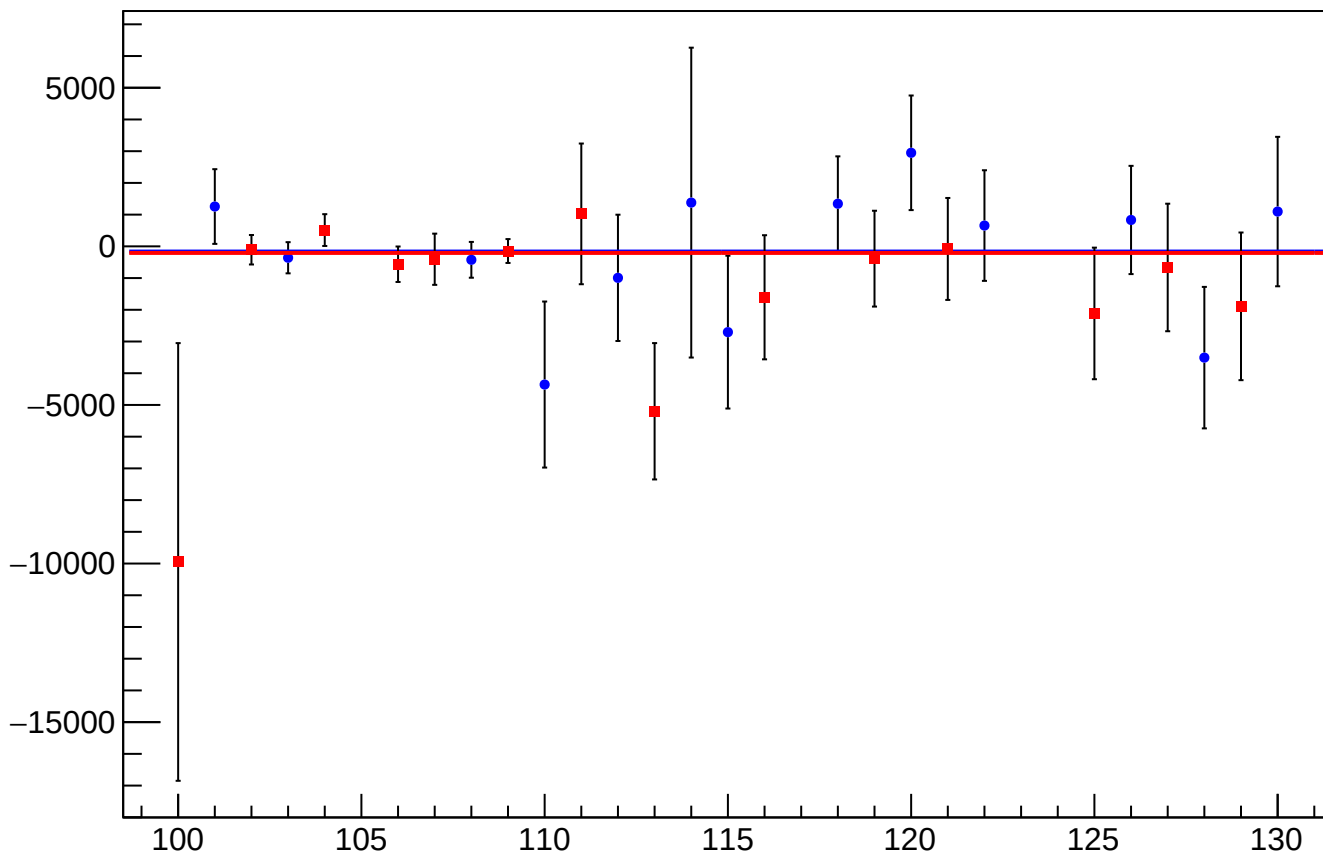
Right: 1398.115+/-0.301 χ^2/NDF : 539466.0/26

In: 1409.352+/-0.432 χ^2/NDF :361831.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1398.115+/-0.301 χ^2/NDF : 539466.0/26

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -164.284+/-309.728 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -206.866+/-210.339 χ^2/NDF : 12.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

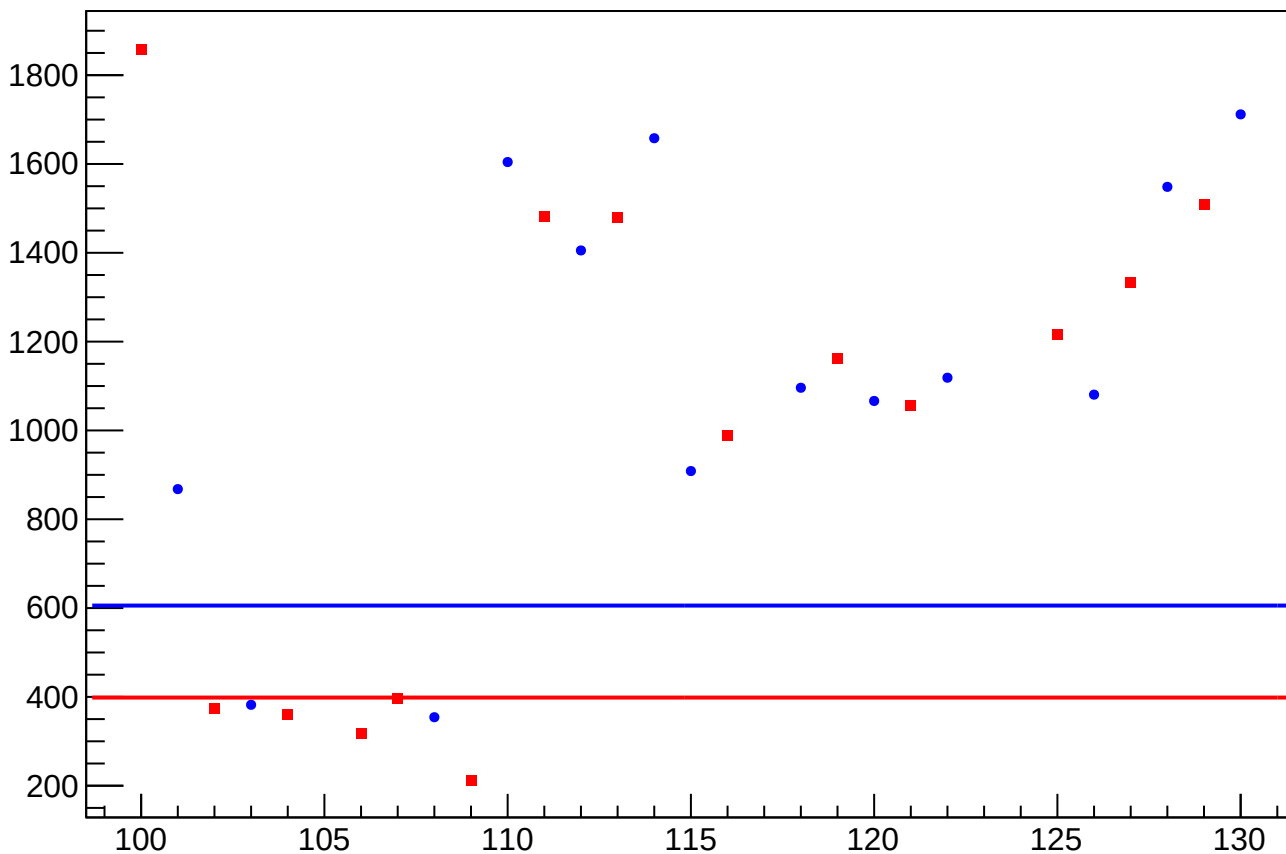
Right: -193.426+/-174.007 χ^2/NDF : 25.1/26

In: -164.284+/-309.728 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -193.426+/-174.007 χ^2/NDF : 25.1/26

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 605.634+/-0.219 χ^2/NDF : 3120340.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 398.500+/-0.149 χ^2/NDF : 3852579.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

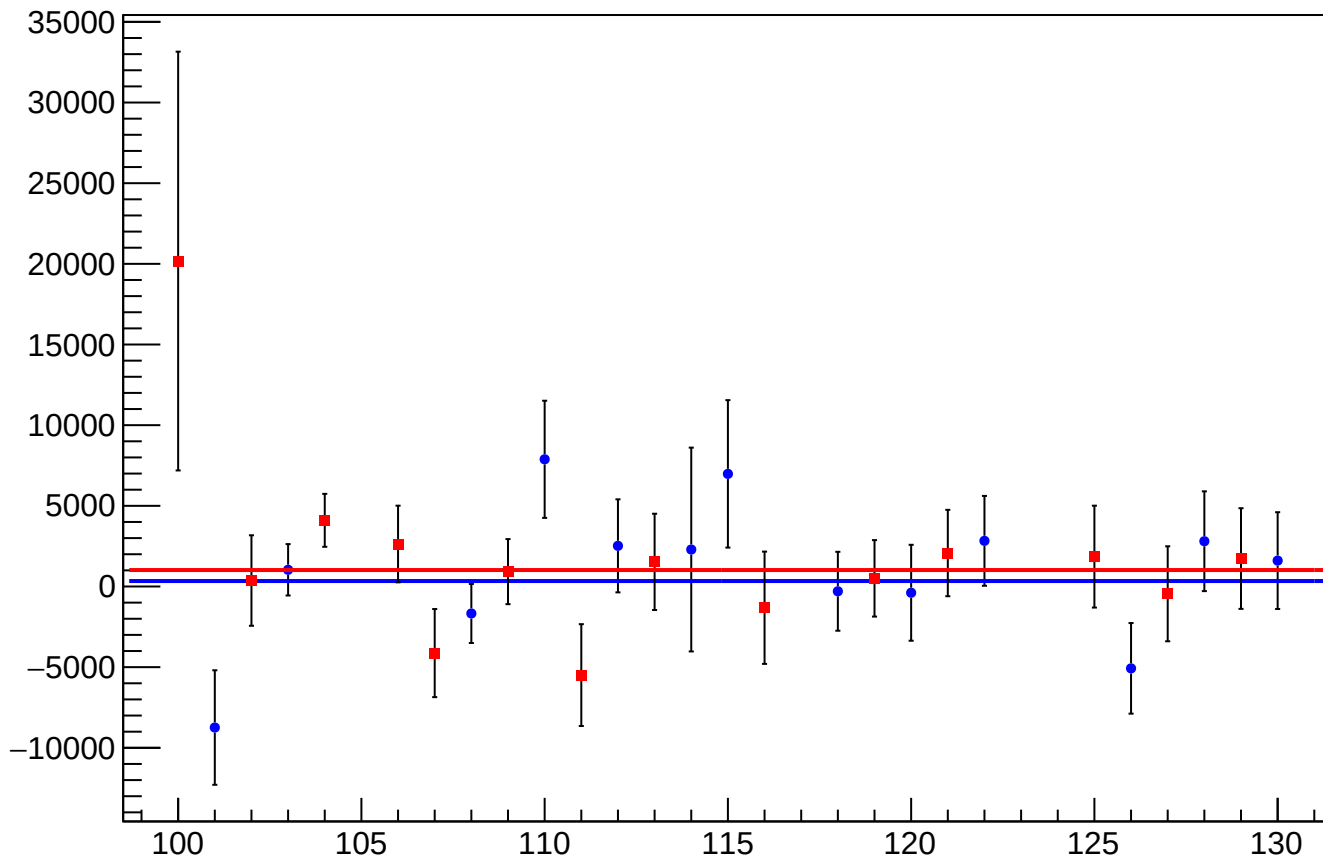
Right: 463.876+/-0.123 χ^2/NDF : 7585081.6/26

In: 605.634+/-0.219 χ^2/NDF : 3120340.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 463.876+/-0.123 χ^2/NDF : 7585081.6/26

asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 338.367+/-746.711 χ^2/NDF : 20.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1019.591+/-708.415 χ^2/NDF : 15.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

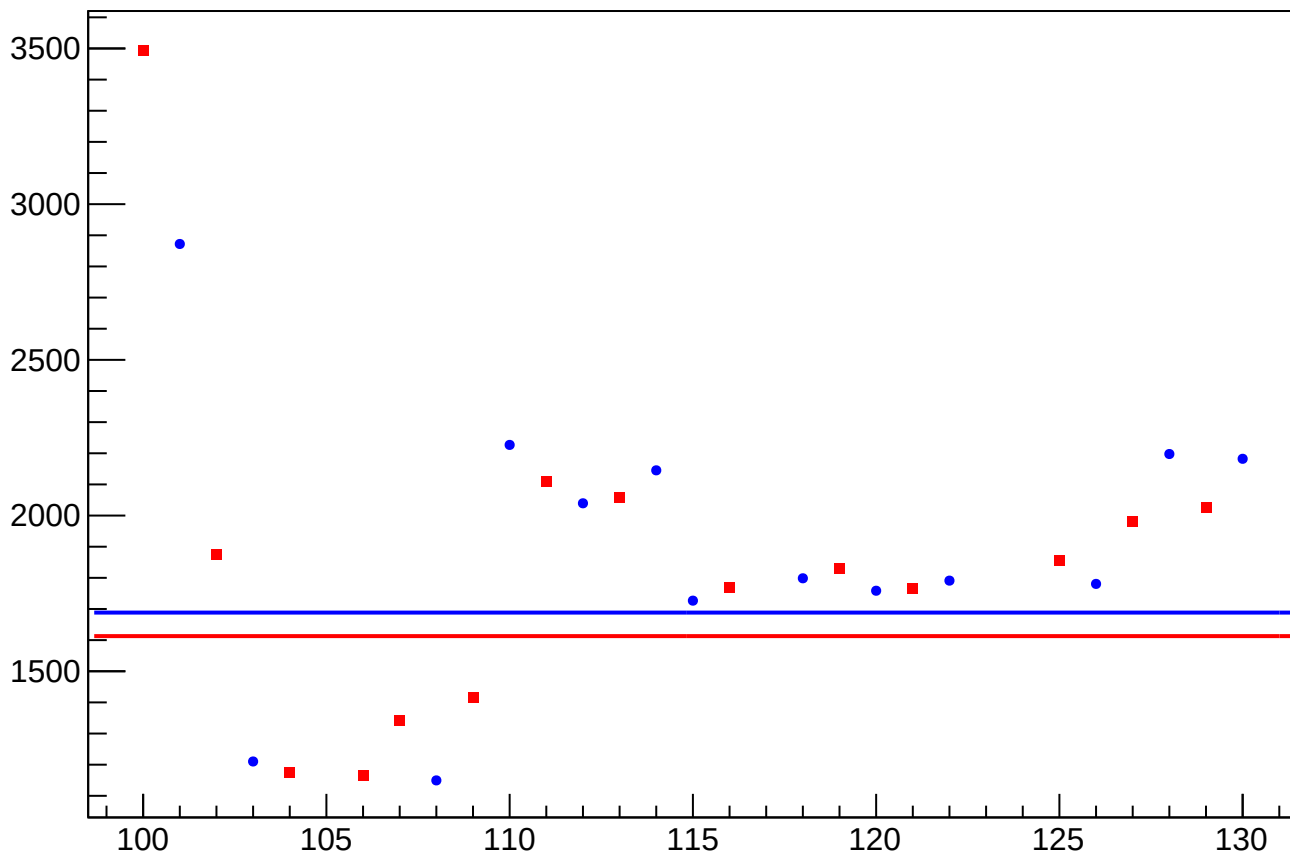
Right: 696.895+/-513.930 χ^2/NDF : 36.0/26

In: 338.367+/-746.711 χ^2/NDF : 20.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 696.895+/-513.930 χ^2/NDF : 36.0/26

asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1688.431+/-0.528 χ^2/NDF : 779162.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1612.863+/-0.501 χ^2/NDF : 510709.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

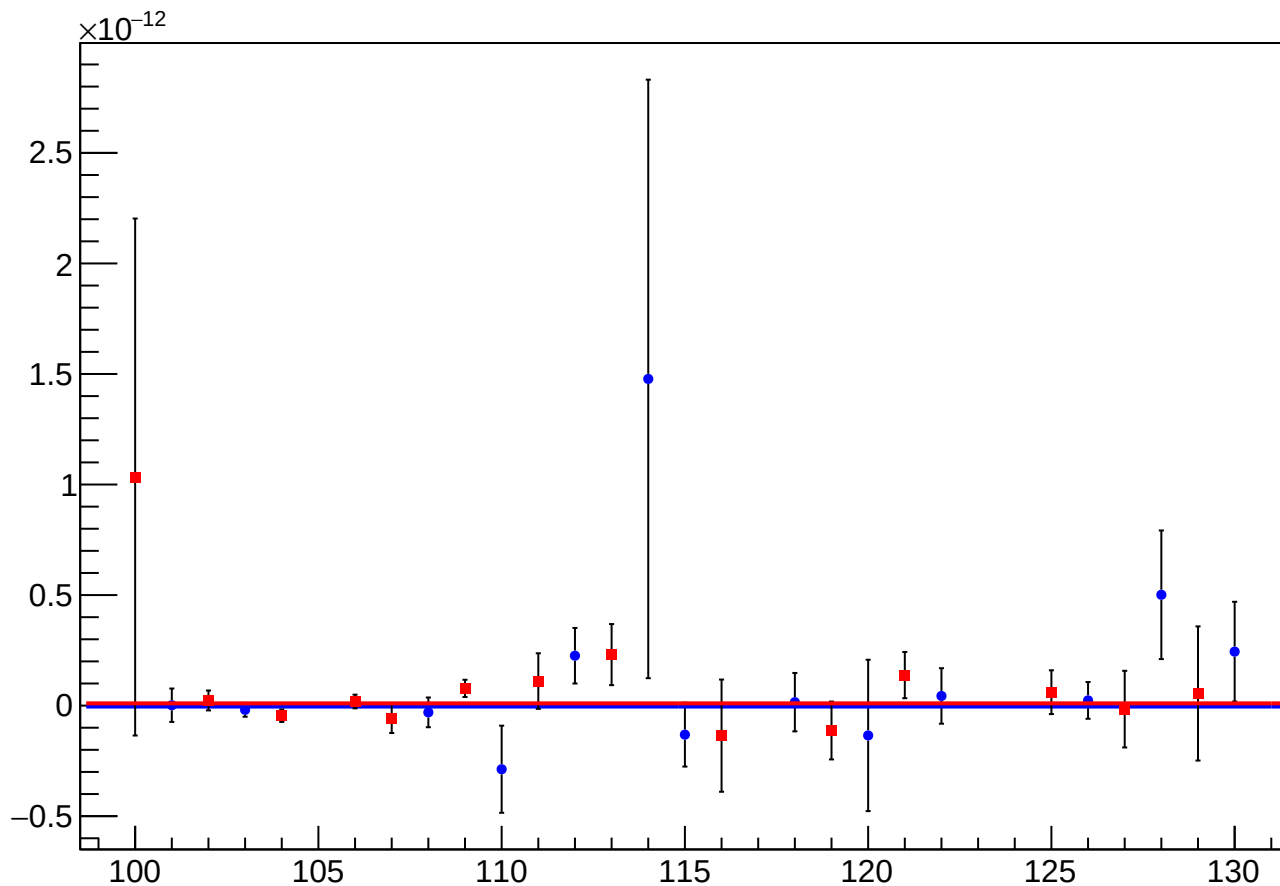
Right: 1648.660+/-0.363 χ^2/NDF : 1300652.4/26

In: 1688.431+/-0.528 χ^2/NDF : 779162.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1648.660+/-0.363 χ^2/NDF : 1300652.4/26

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

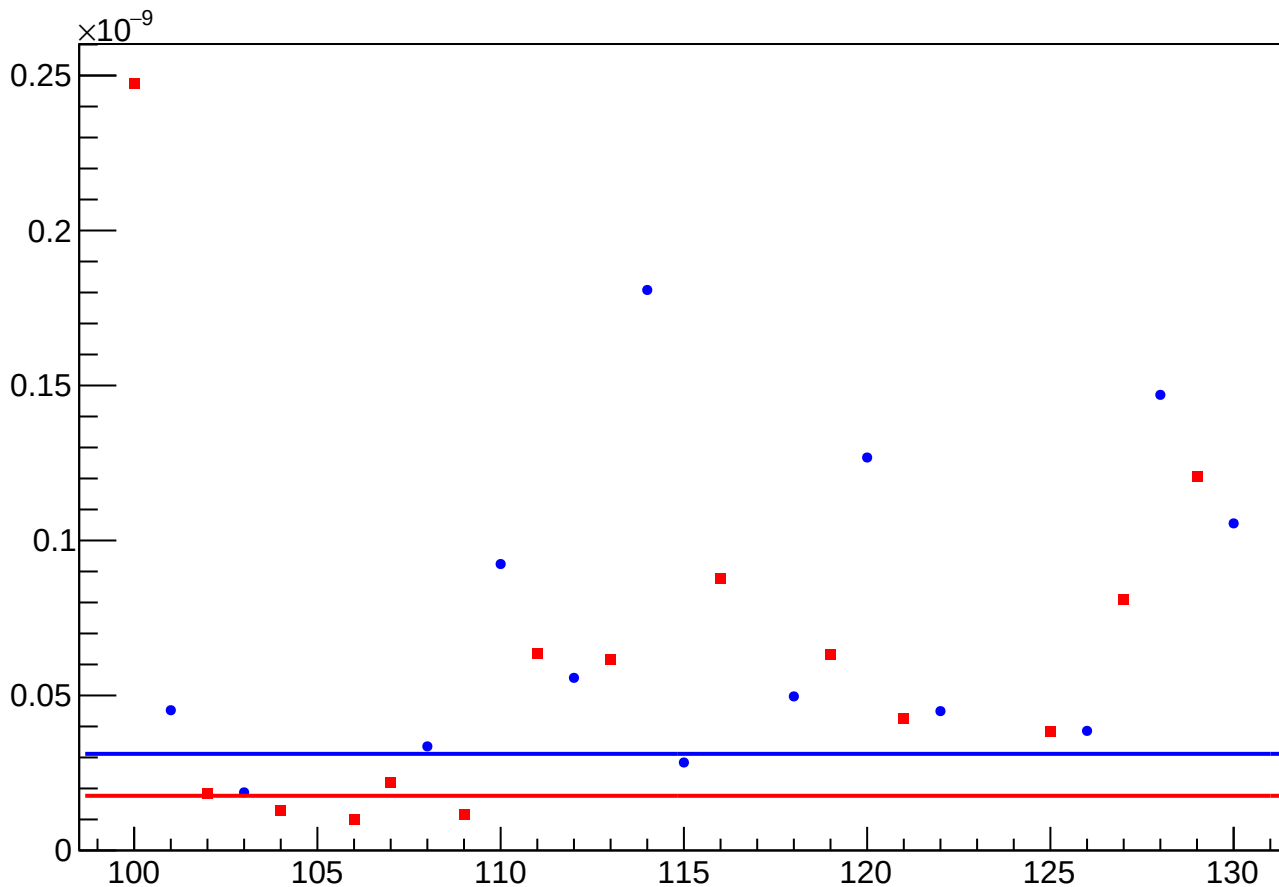
Right: 0.000+/-0.000 χ^2/NDF : 27.8/26

In: -0.000+/-0.000 χ^2/NDF : 12.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.8/26

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1453059.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1880616.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

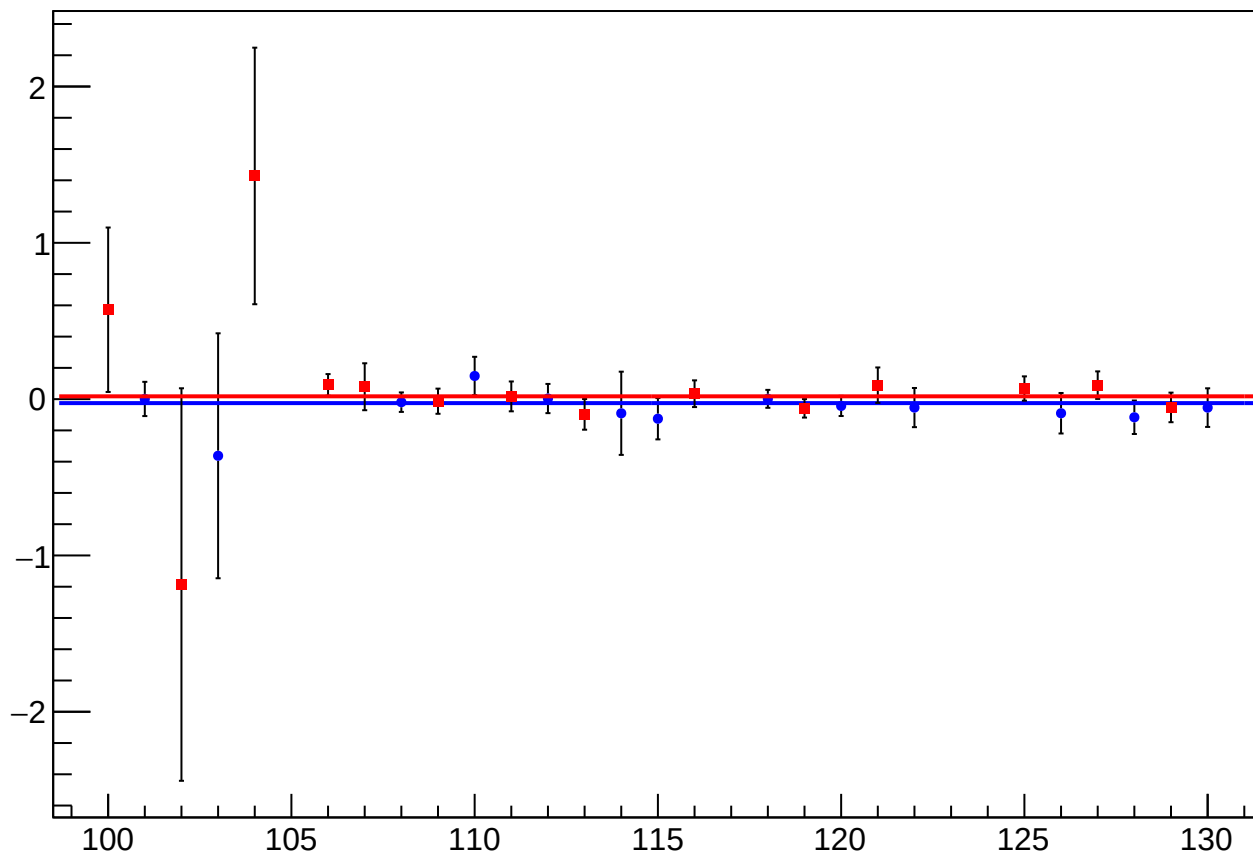
Right: 0.000+/-0.000 χ^2/NDF : 3803200.3/26

In: 0.000+/-0.000 χ^2/NDF : 1453059.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3803200.3/26

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025 ± 0.027 χ^2/NDF : 4.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.018 ± 0.026 χ^2/NDF : 11.6/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

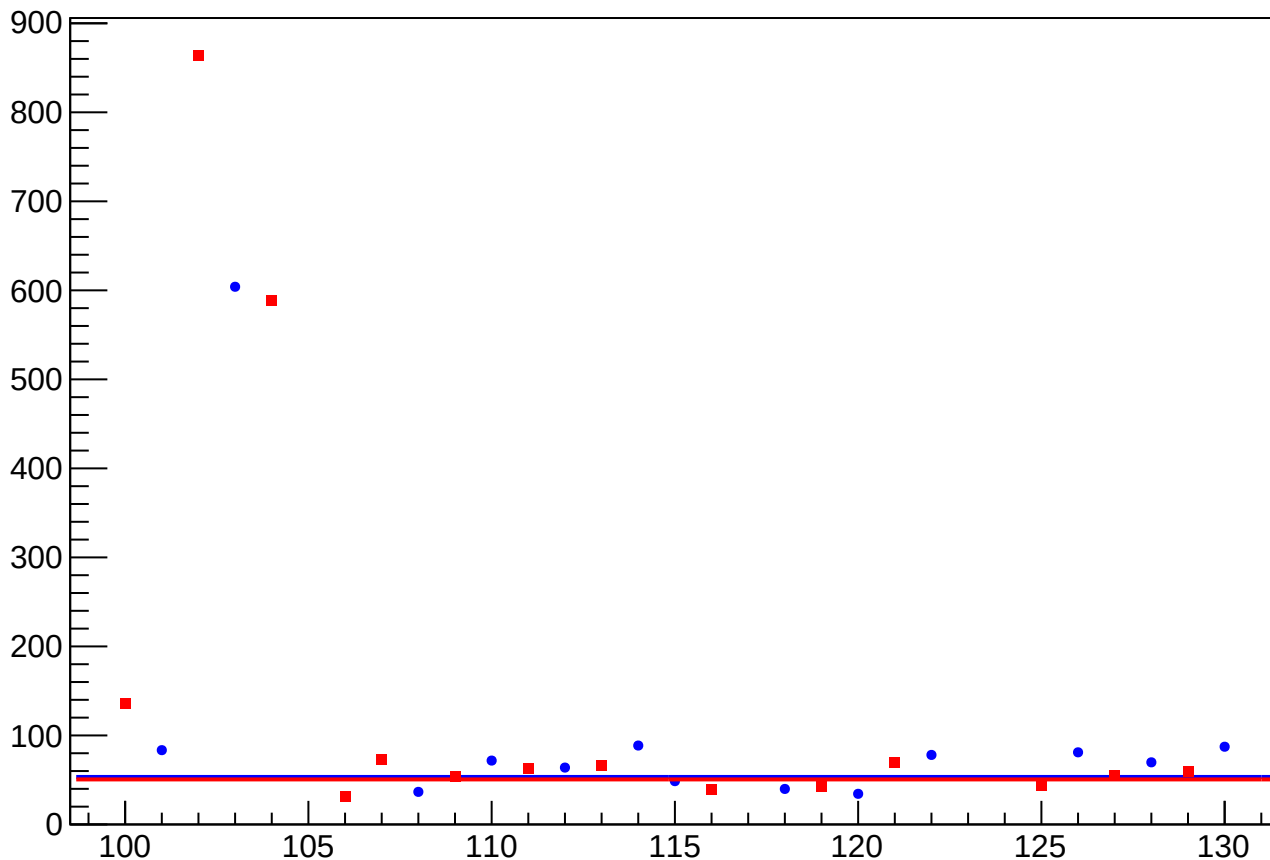
Right: -0.003 ± 0.018 χ^2/NDF : 17.3/26

In: -0.025 ± 0.027 χ^2/NDF : 4.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.003 ± 0.018 χ^2/NDF : 17.3/26

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.362+/-0.019 χ^2/NDF : 2041406.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 50.592+/-0.018 χ^2/NDF : 2202745.1/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

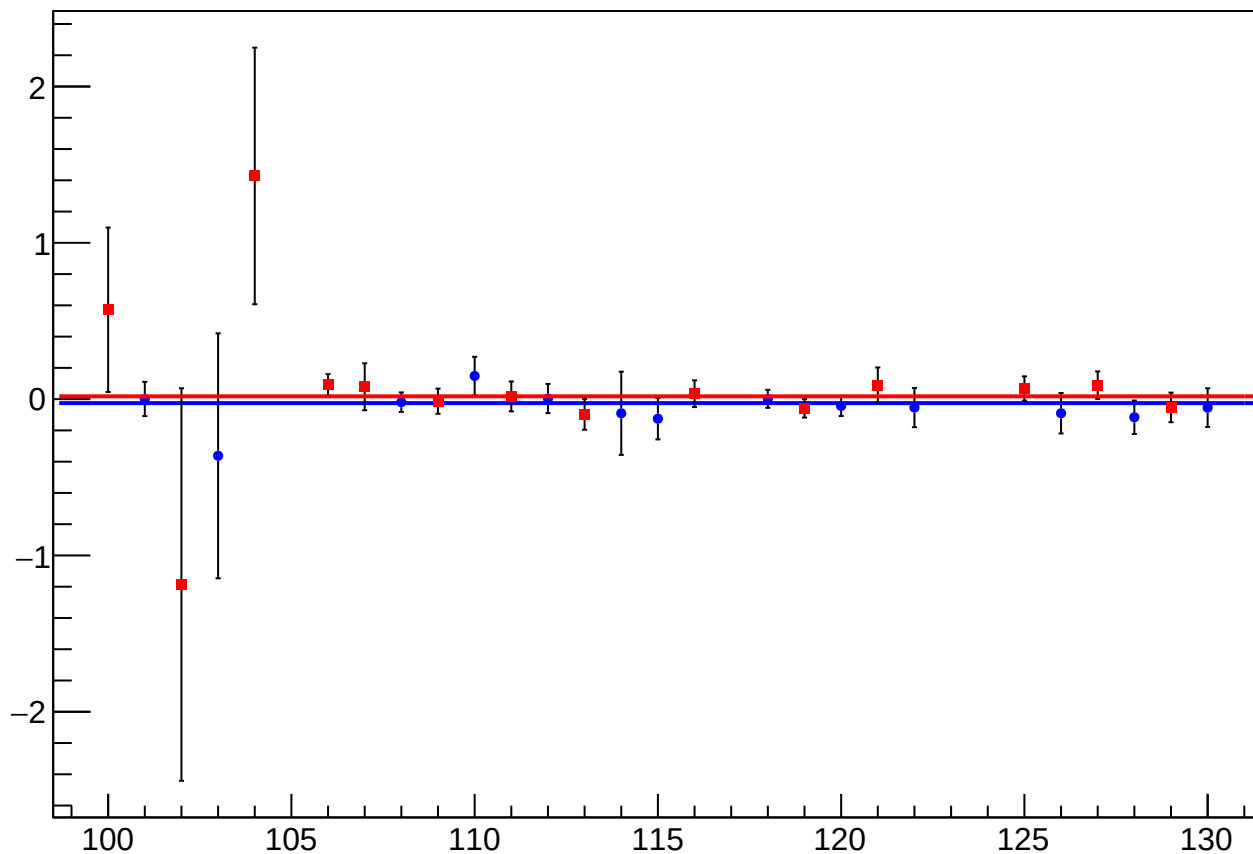
Right: 51.921+/-0.013 χ^2/NDF : 4255447.8/26

In: 53.362+/-0.019 χ^2/NDF :2041406.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 51.921+/-0.013 χ^2/NDF : 4255447.8/26

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025 $\pm$ 0.027 χ^2/NDF : 4.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.018 $\pm$ 0.026 χ^2/NDF : 11.6/13

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

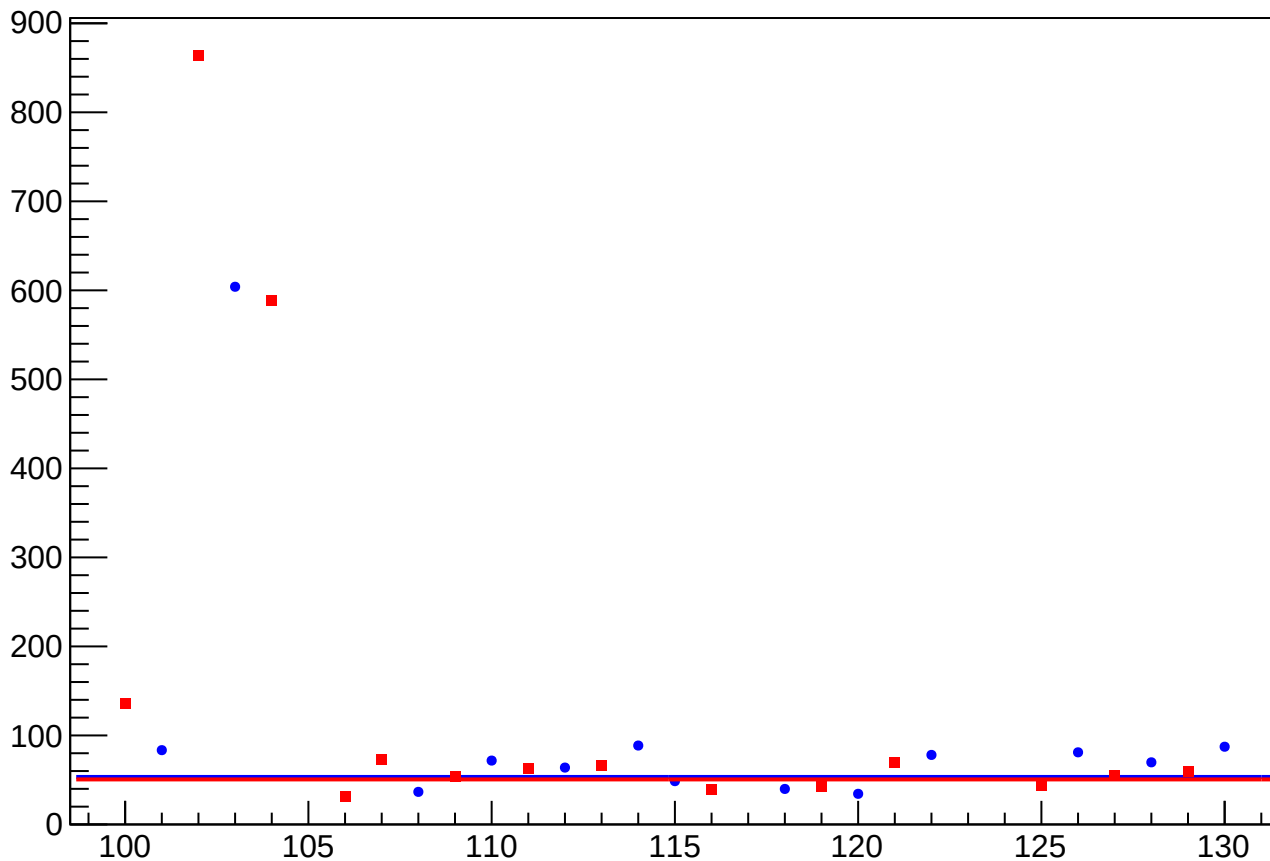
Right: -0.003 $\pm$ 0.018 χ^2/NDF : 17.3/26

In: -0.025 $\pm$ 0.027 χ^2/NDF : 4.4/12

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.003 $\pm$ 0.018 χ^2/NDF : 17.3/26

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.362+/-0.019 χ^2/NDF : 2041406.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.592+/-0.018 χ^2/NDF : 2202745.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

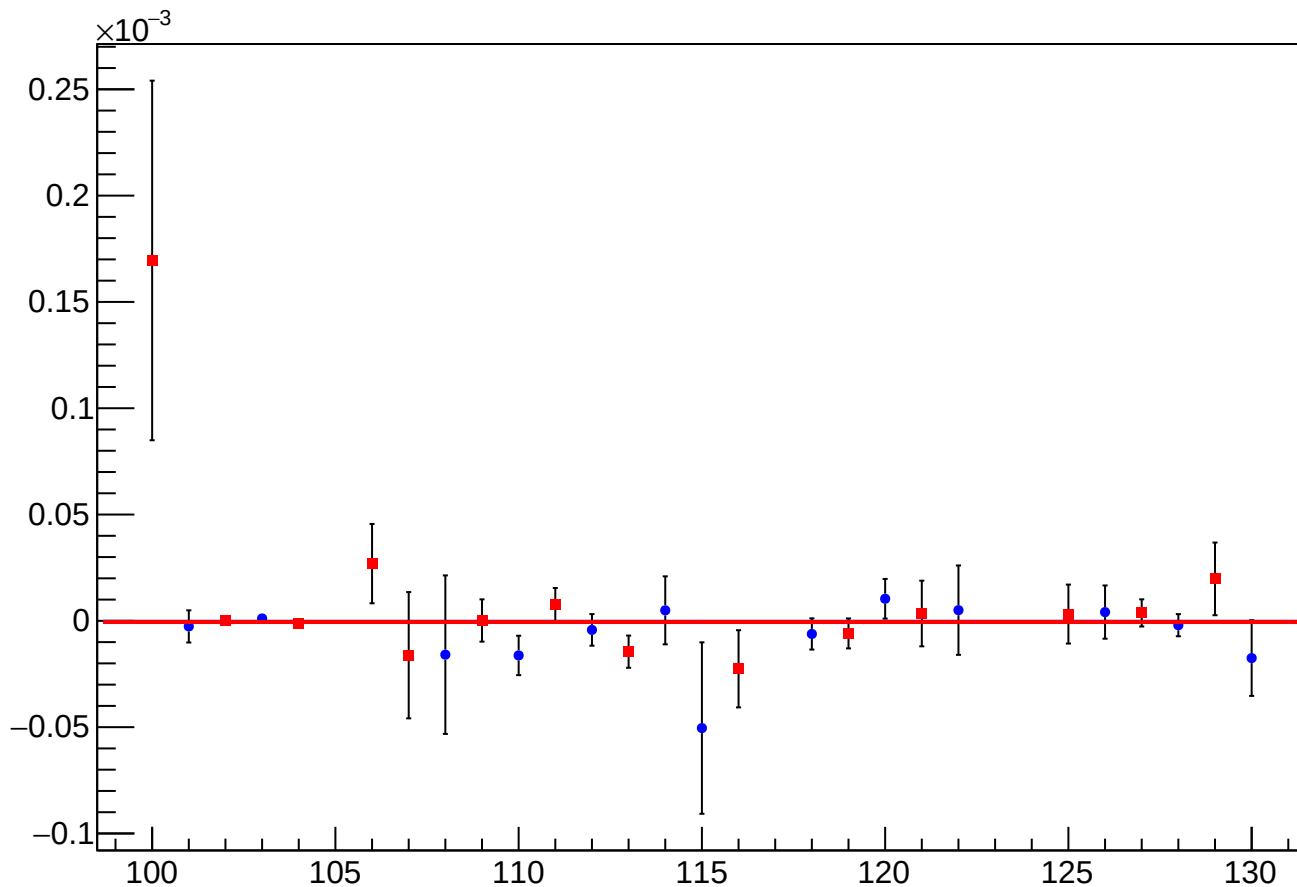
Right: 51.921+/-0.013 χ^2/NDF : 4255447.8/26

In: 53.362+/-0.019 χ^2/NDF : 2041406.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.921+/-0.013 χ^2/NDF : 4255447.8/26

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

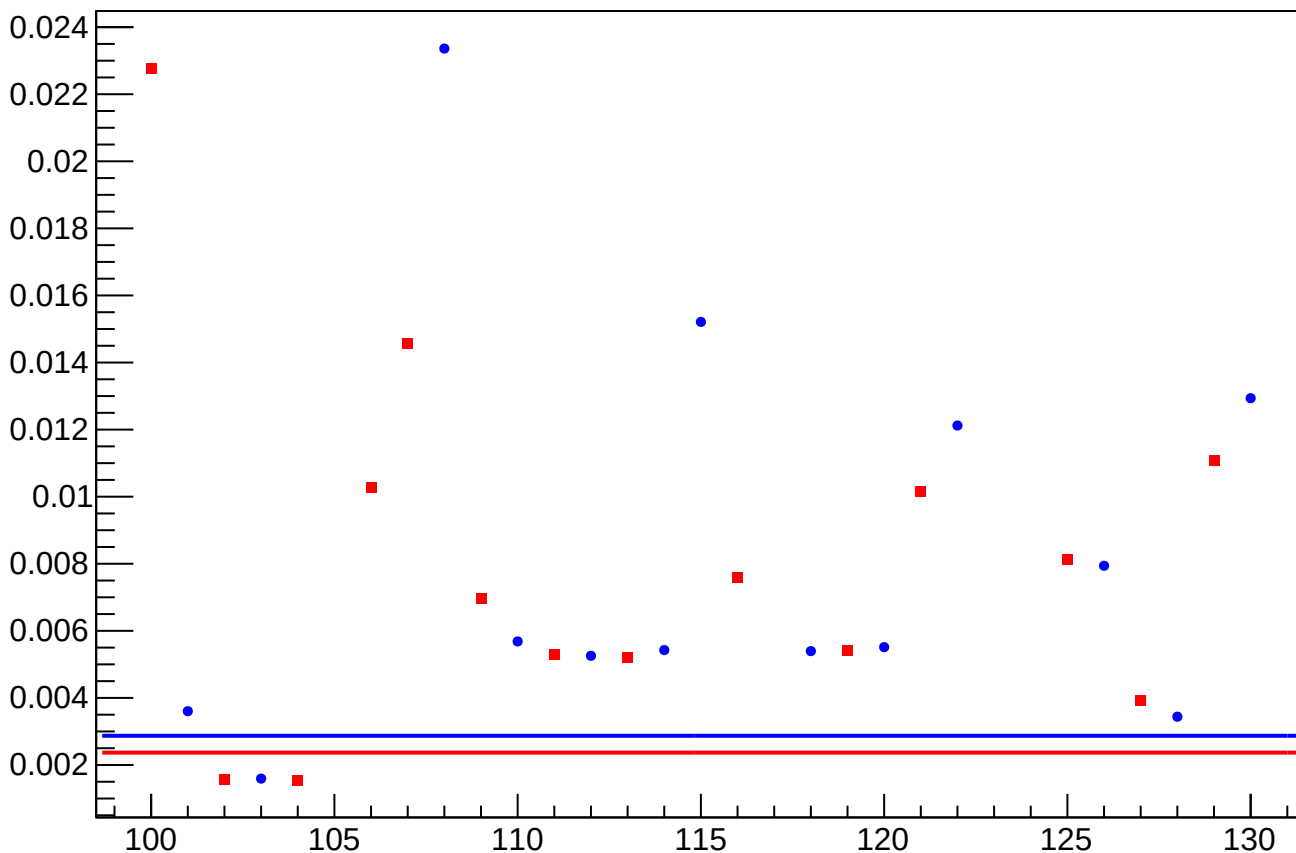
Right: -0.000+/-0.000 χ^2/NDF : 24.0/26

In: -0.000+/-0.000 χ^2/NDF : 8.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.0/26

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 3804735.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 4469036.8/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

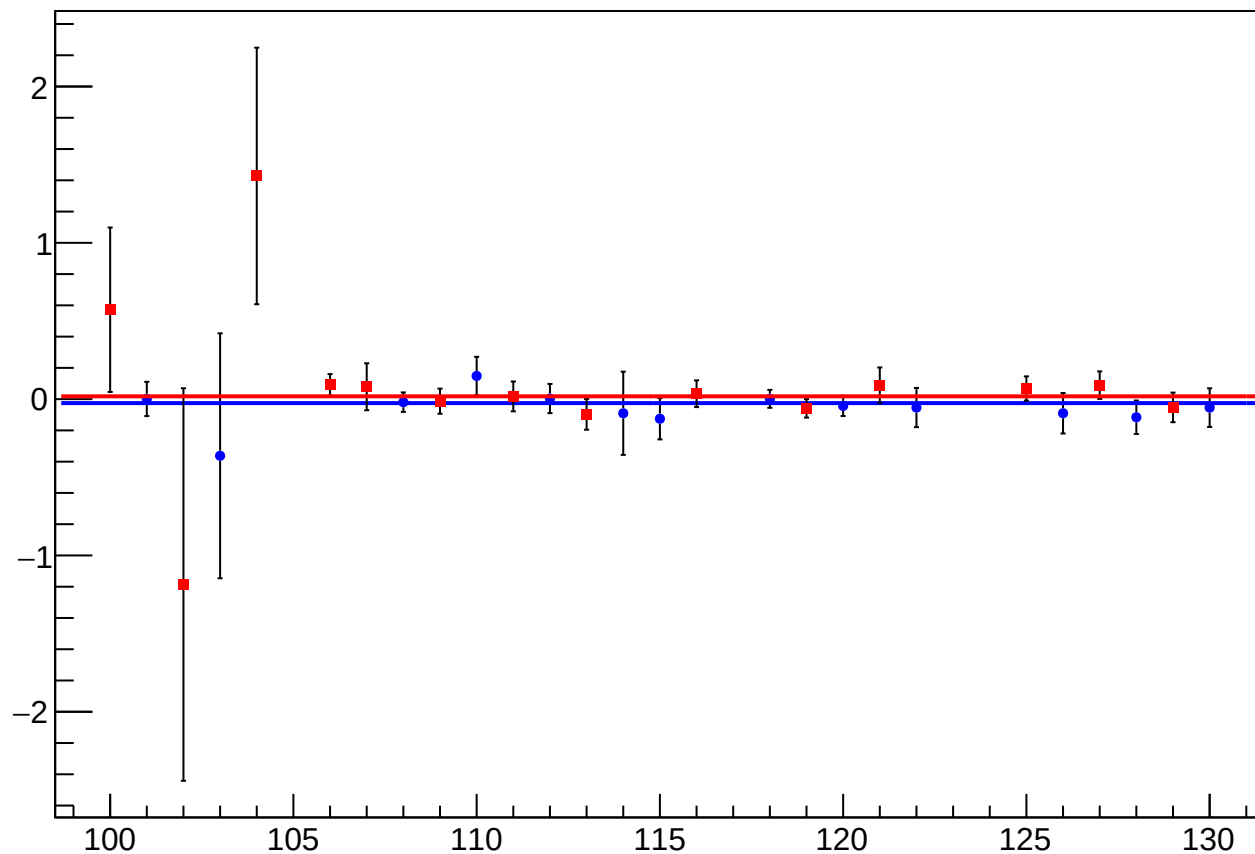
Right: 0.003+/-0.000 χ^2/NDF : 8388215.6/26

In: 0.003+/-0.000 χ^2/NDF :3804735.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 8388215.6/26

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025+/-0.027 χ^2/NDF : 4.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.018+/-0.026 χ^2/NDF : 11.6/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

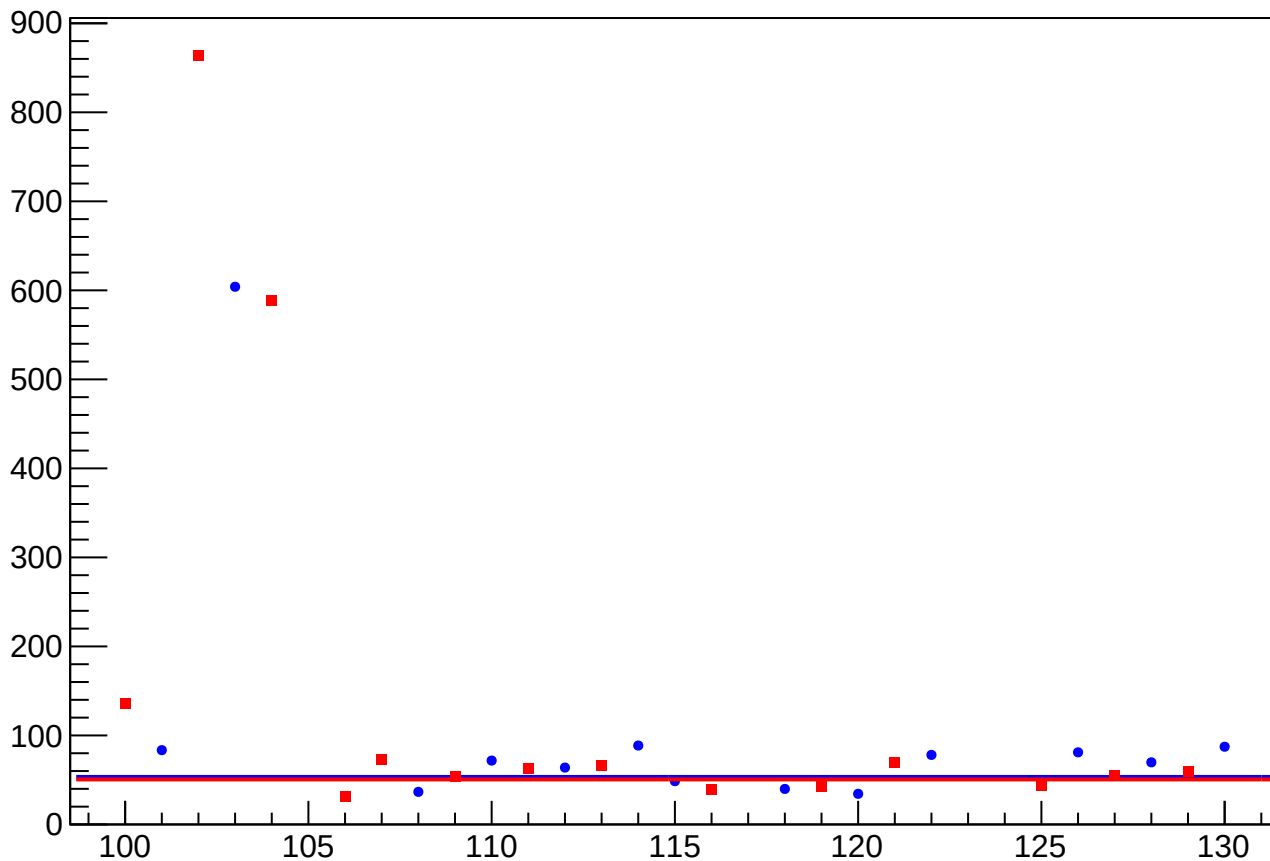
Right: -0.003+/-0.018 χ^2/NDF : 17.3/26

In: -0.025+/-0.027 χ^2/NDF :4.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.003+/-0.018 χ^2/NDF : 17.3/26

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.366+/-0.019 χ^2/NDF : 2041022.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.594+/-0.018 χ^2/NDF : 2202526.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

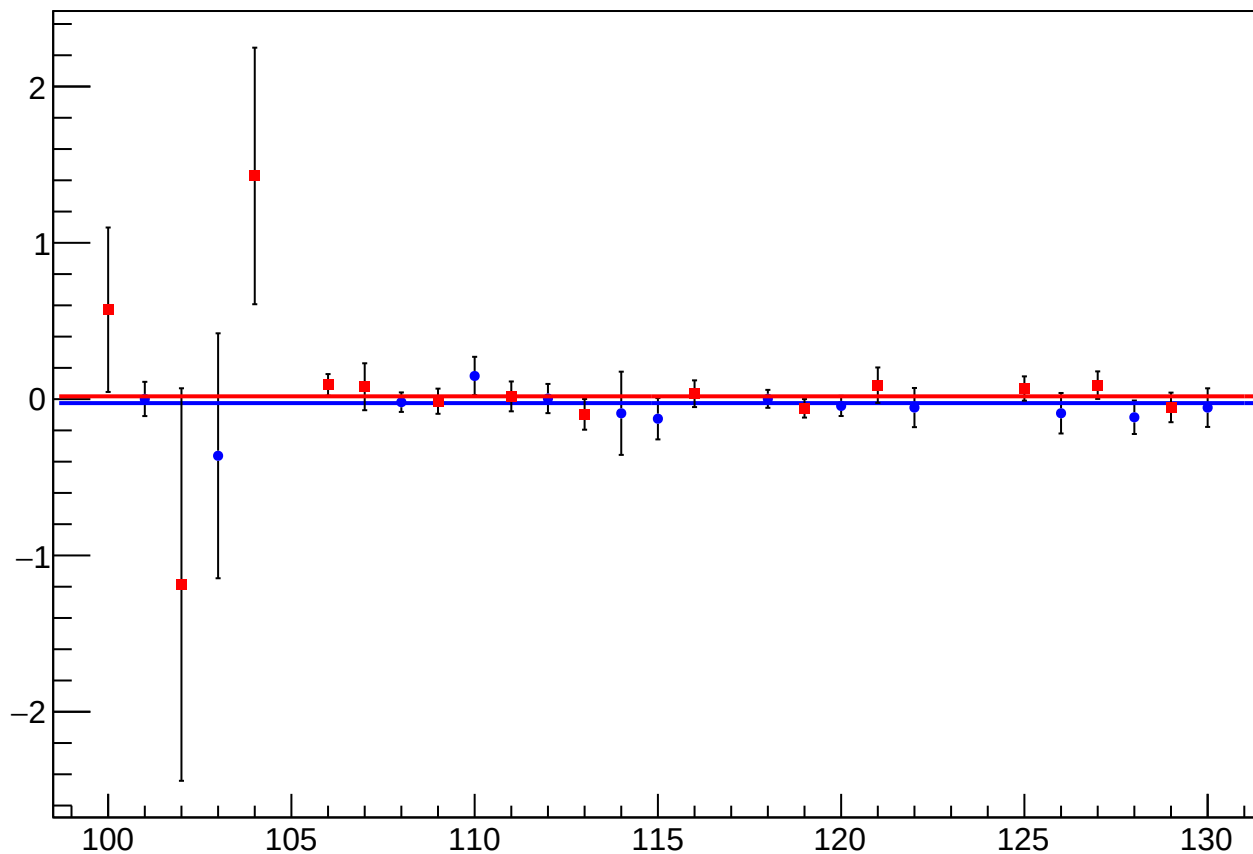
Right: 51.924+/-0.013 χ^2/NDF : 4254866.3/26

In: 53.366+/-0.019 χ^2/NDF : 2041022.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.924+/-0.013 χ^2/NDF : 4254866.3/26

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025 $\pm$ 0.027 χ^2/NDF : 4.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Right Out: 0.018 $\pm$ 0.026 χ^2/NDF : 11.6/13

Left In: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

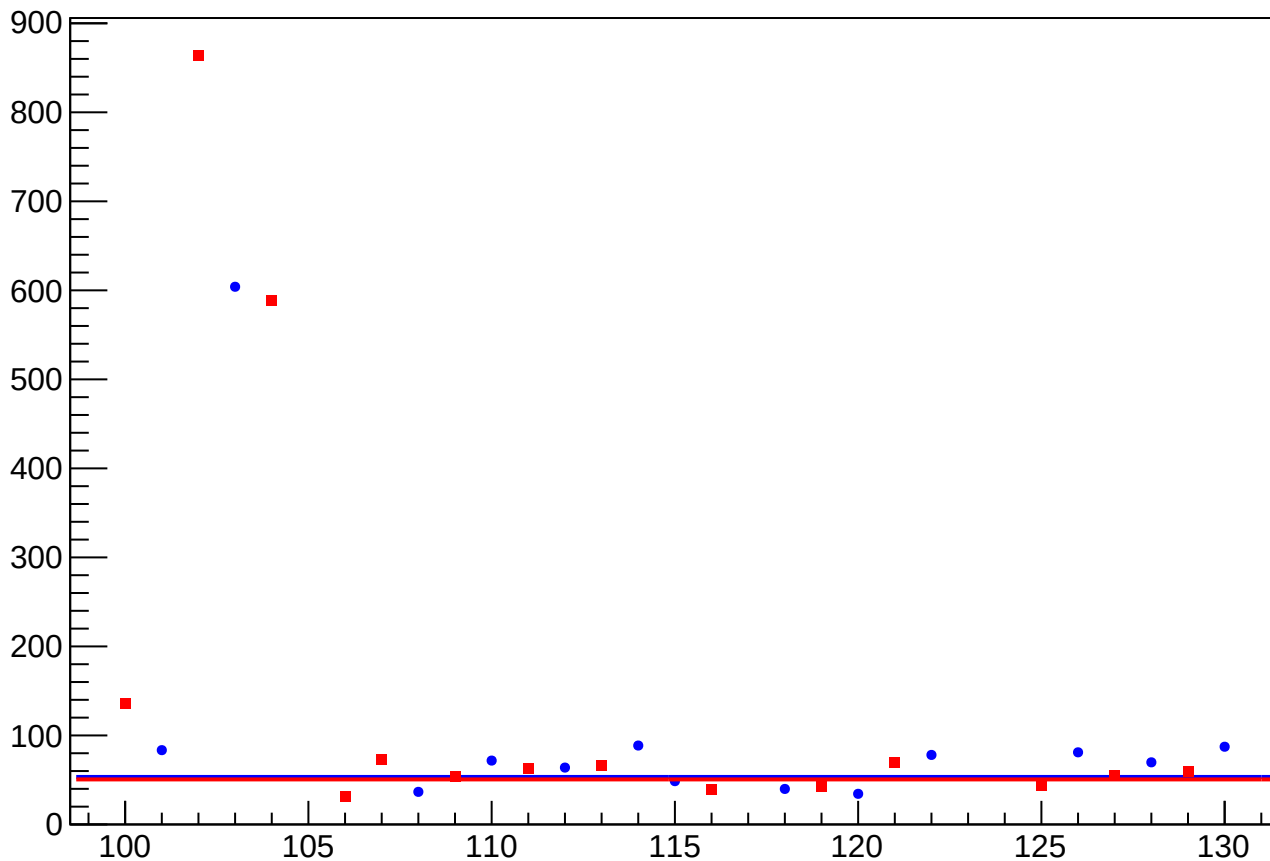
Right: -0.003 $\pm$ 0.018 χ^2/NDF : 17.3/26

In: -0.025 $\pm$ 0.027 χ^2/NDF :4.4/12

Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

All: -0.003 $\pm$ 0.018 χ^2/NDF : 17.3/26

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.366+/-0.019 χ^2/NDF : 2041022.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 50.594+/-0.018 χ^2/NDF : 2202526.9/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

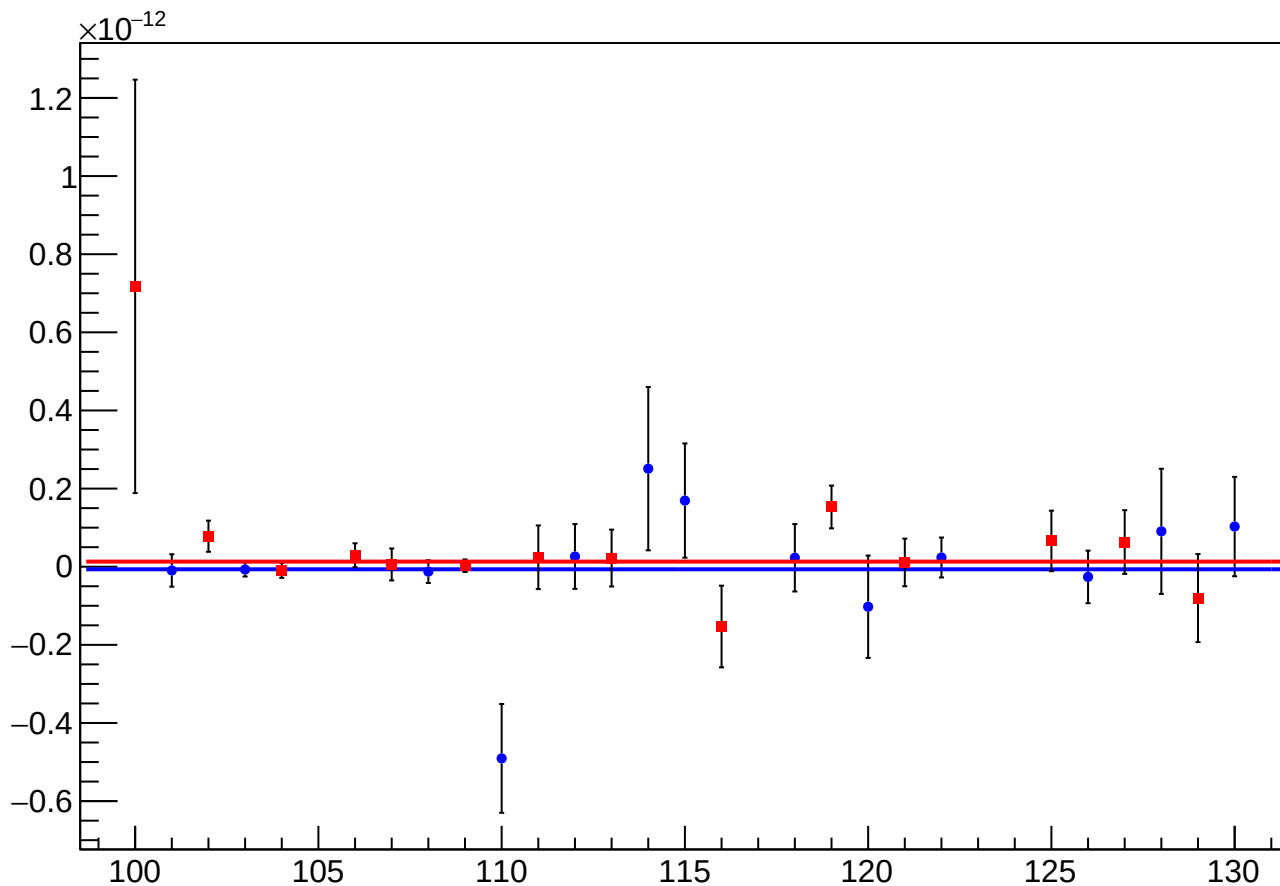
Right: 51.924+/-0.013 χ^2/NDF : 4254866.3/26

In: 53.366+/-0.019 χ^2/NDF :2041022.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 51.924+/-0.013 χ^2/NDF : 4254866.3/26

asym_us_dd_at2lr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 17.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

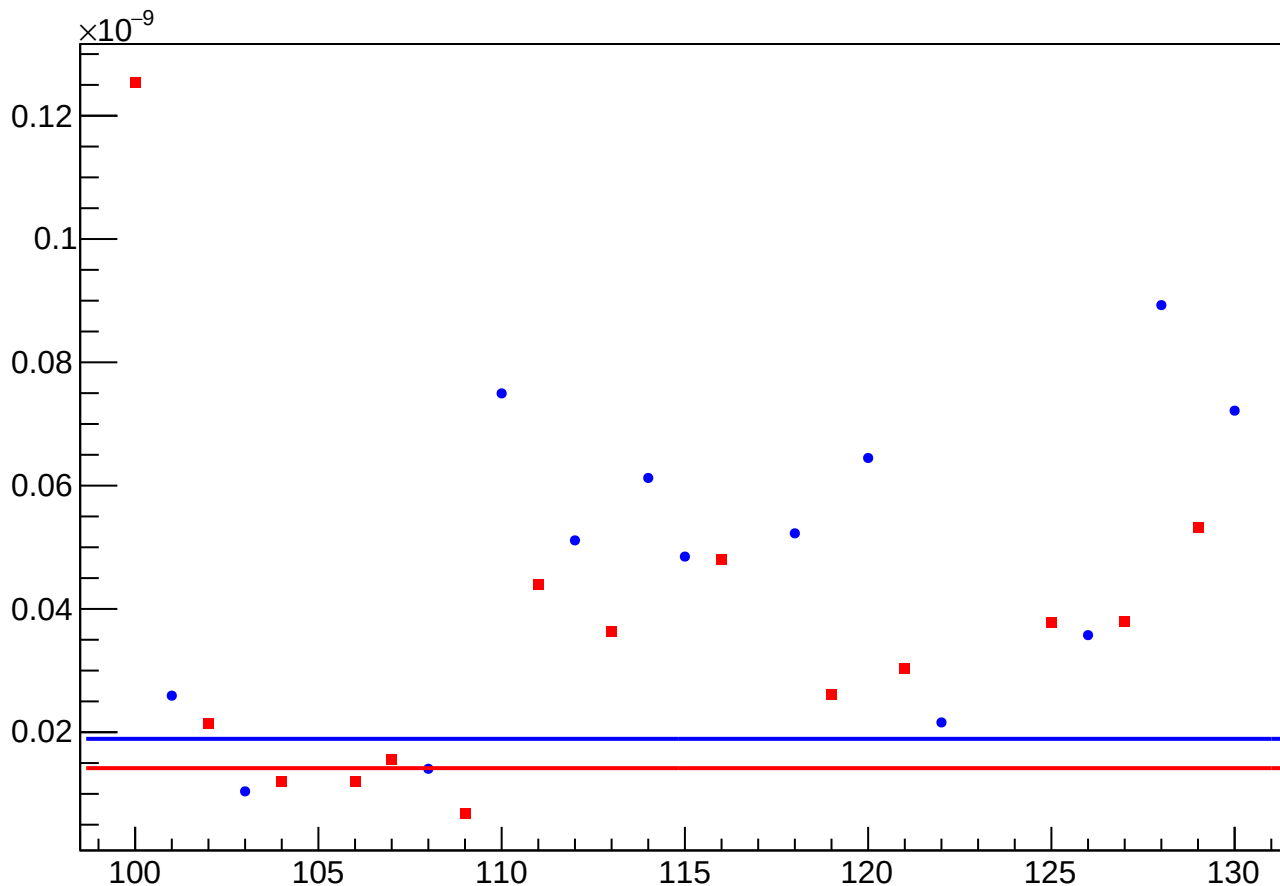
Right: 0.000+/-0.000 χ^2/NDF : 36.0/26

In: -0.000+/-0.000 χ^2/NDF : 17.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 36.0/26

asym_us_dd_at2lr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2753892.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2106984.8/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

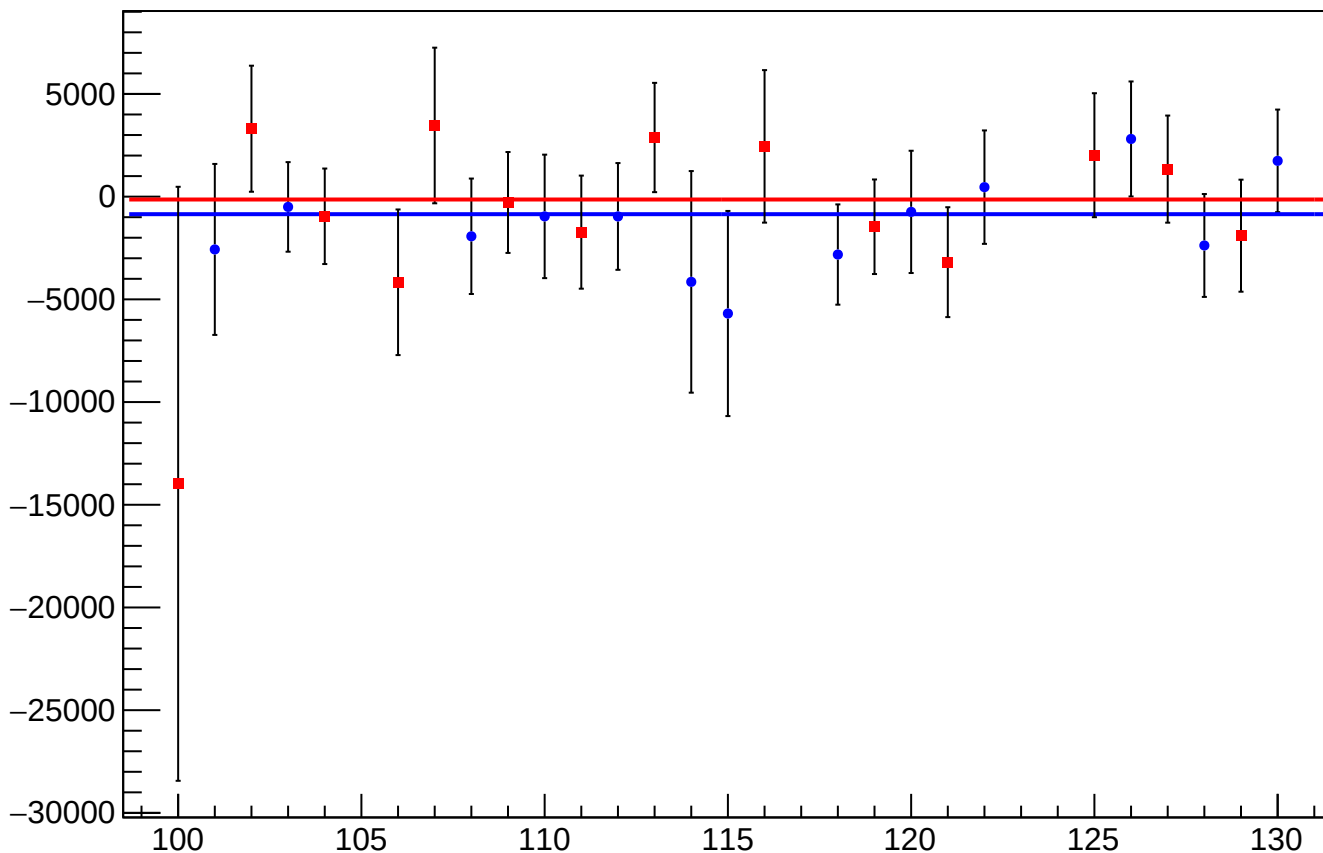
Right: 0.000+/-0.000 χ^2/NDF : 5031682.6/26

In: 0.000+/-0.000 χ^2/NDF :2753892.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5031682.6/26

reg_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -853.471 ± 793.724 χ^2/NDF : 5.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -139.060 ± 772.254 χ^2/NDF : 9.5/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

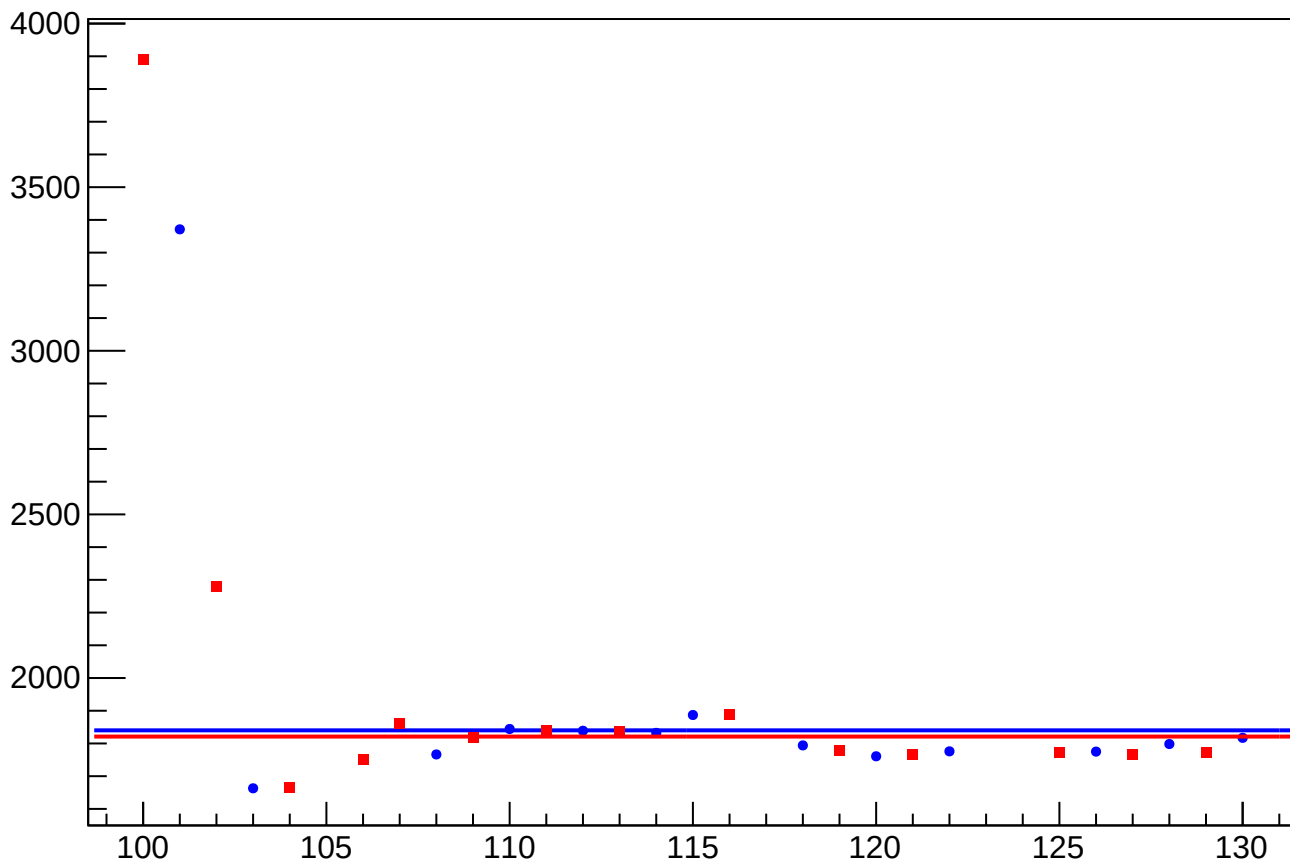
Right: -486.473 ± 553.501 χ^2/NDF : 15.6/26

In: -853.471 ± 793.724 χ^2/NDF : 5.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -486.473 ± 553.501 χ^2/NDF : 15.6/26

reg_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1840.071+/-0.561 χ^2/NDF : 290437.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1821.105+/-0.546 χ^2/NDF : 100075.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

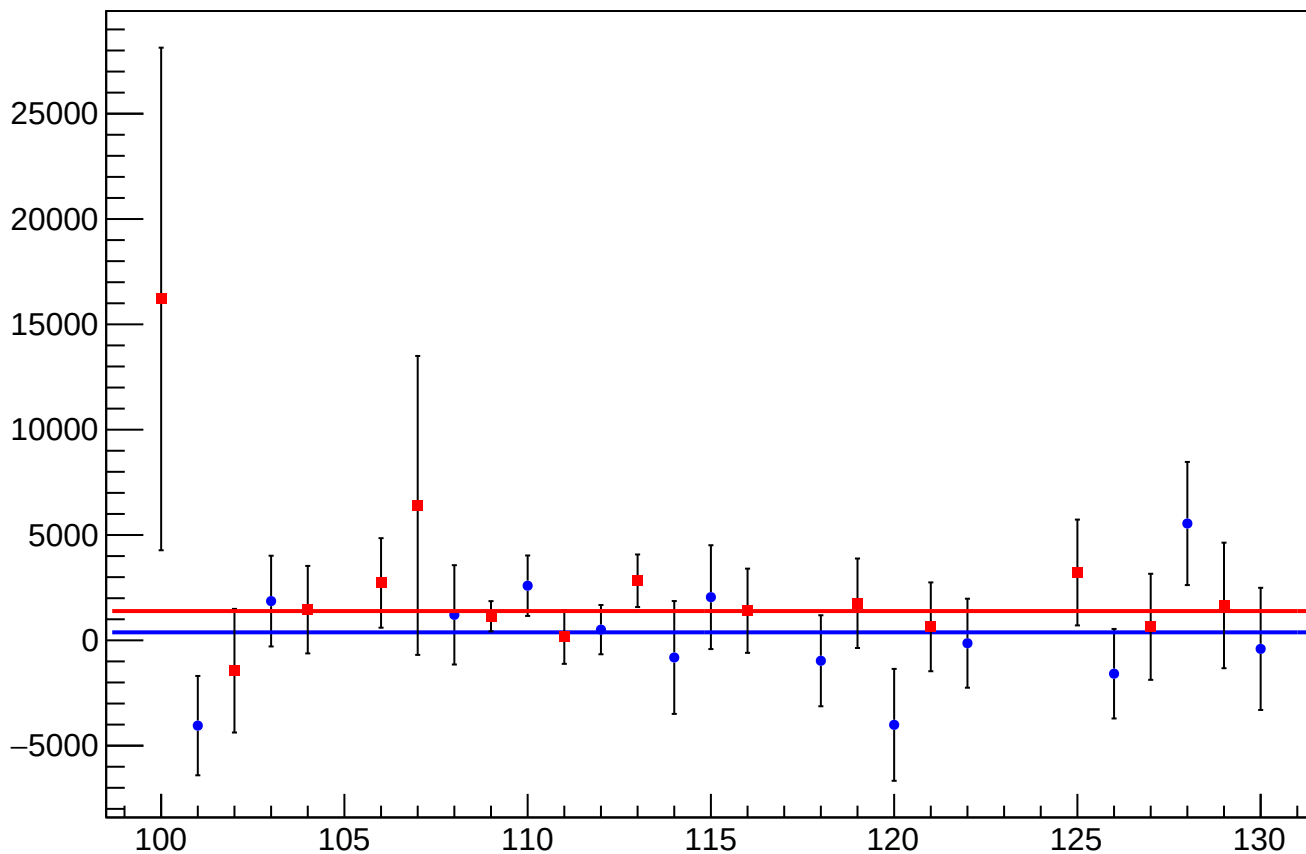
Right: 1830.328+/-0.391 χ^2/NDF : 391100.2/26

In: 1840.071+/-0.561 χ^2/NDF : 290437.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1830.328+/-0.391 χ^2/NDF : 391100.2/26

asym_us_dd_atlr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 379.895+/-564.810 χ^2/NDF : 14.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1389.516+/-450.931 χ^2/NDF : 6.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

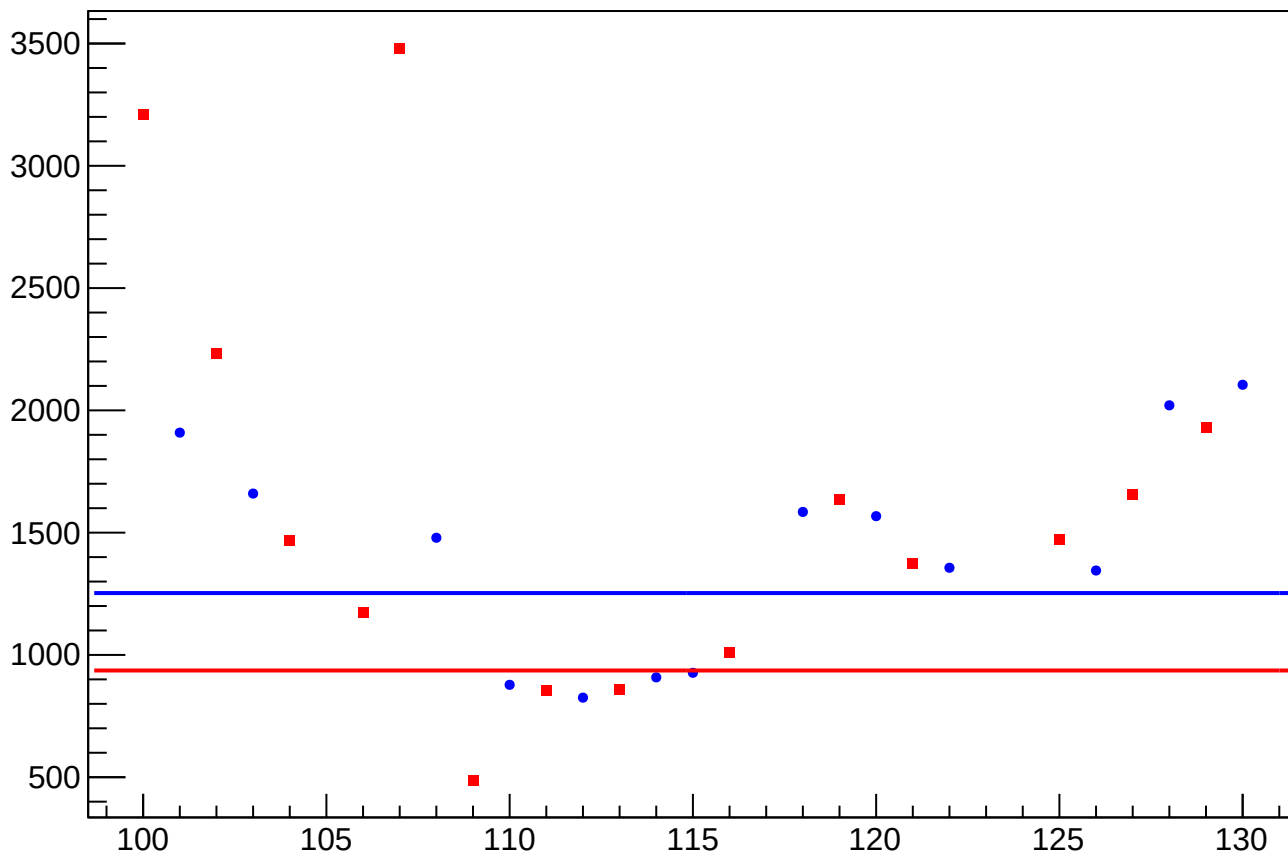
Right: 996.493+/-352.397 χ^2/NDF : 22.9/26

In: 379.895+/-564.810 χ^2/NDF : 14.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 996.493+/-352.397 χ^2/NDF : 22.9/26

asym_us_dd_atlr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1252.951+/-0.399 χ^2/NDF : 1111327.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 936.372+/-0.319 χ^2/NDF : 2463098.7/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

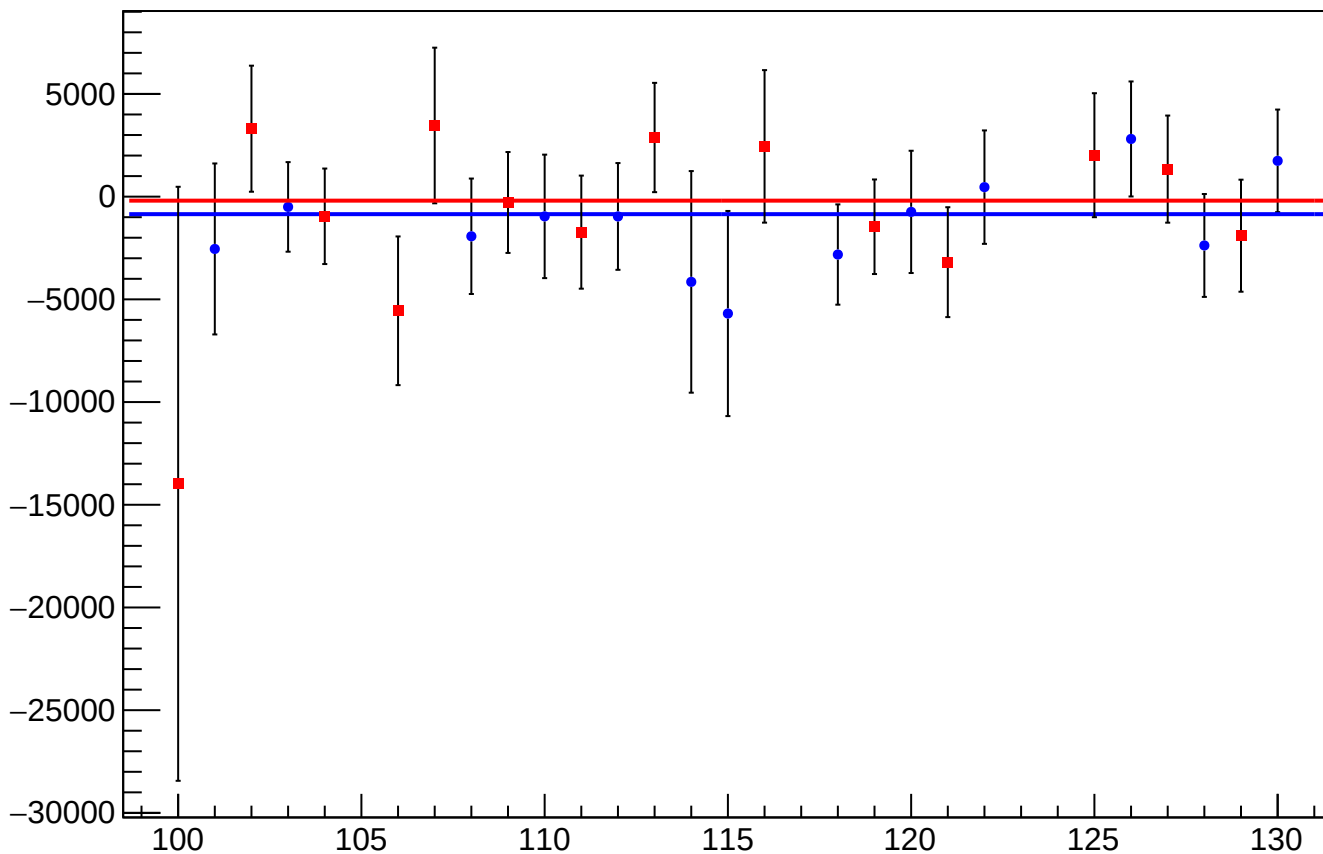
Right: 1059.609+/-0.249 χ^2/NDF : 3958163.8/26

In: 1252.951+/-0.399 χ^2/NDF :1111327.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1059.609+/-0.249 χ^2/NDF : 3958163.8/26

cor_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -852.579 ± 793.724 χ^2/NDF : 5.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -194.699 ± 773.003 χ^2/NDF : 10.4/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

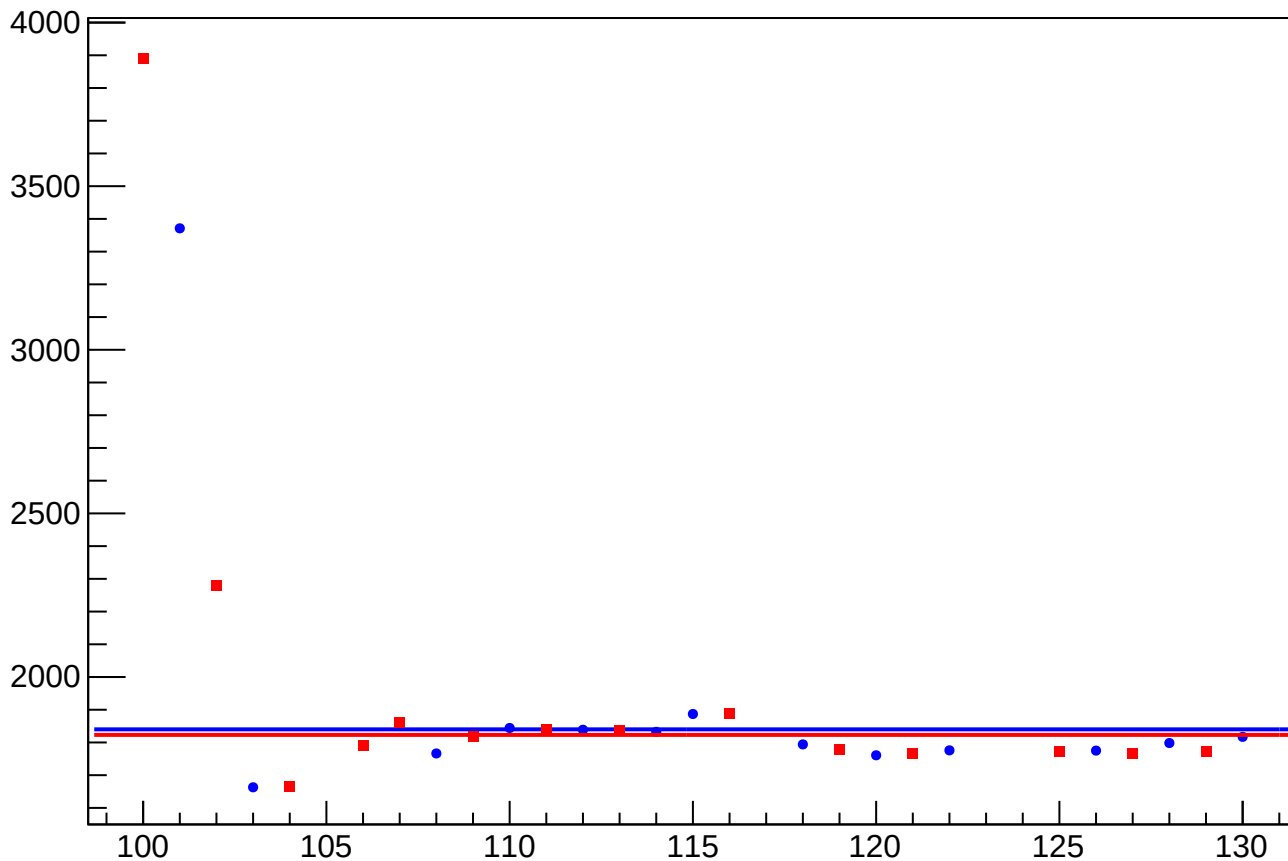
Right: -514.940 ± 553.776 χ^2/NDF : 16.5/26

In: -852.579 ± 793.724 χ^2/NDF : 5.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -514.940 ± 553.776 χ^2/NDF : 16.5/26

cor_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1840.071+/-0.561 χ^2/NDF : 290439.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1823.107+/-0.547 χ^2/NDF : 99405.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

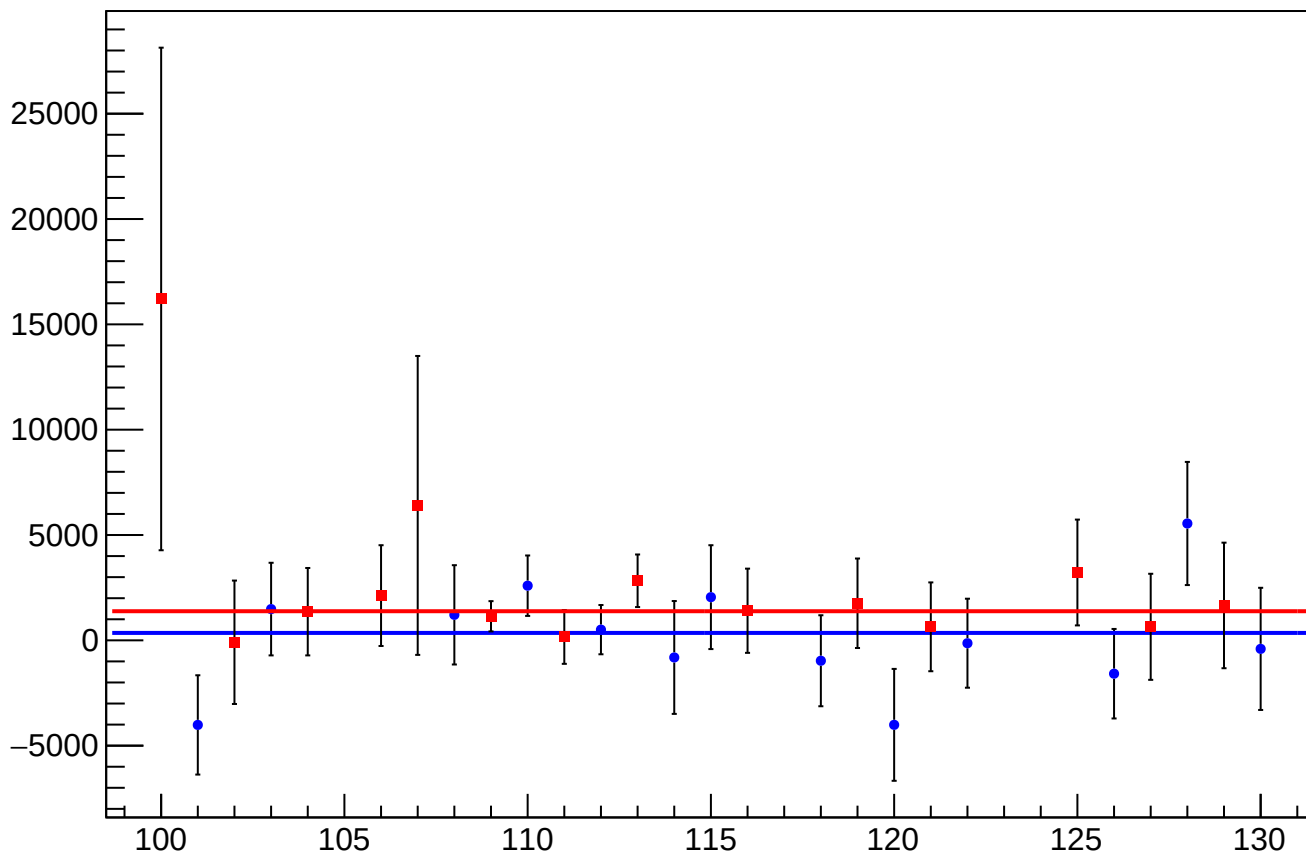
Right: 1831.364+/-0.392 χ^2/NDF : 390313.8/26

In: 1840.071+/-0.561 χ^2/NDF : 290439.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1831.364+/-0.392 χ^2/NDF : 390313.8/26

asym_us_dd_atlr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 352.327+/-565.579 χ^2/NDF : 14.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1382.151+/-453.030 χ^2/NDF : 5.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

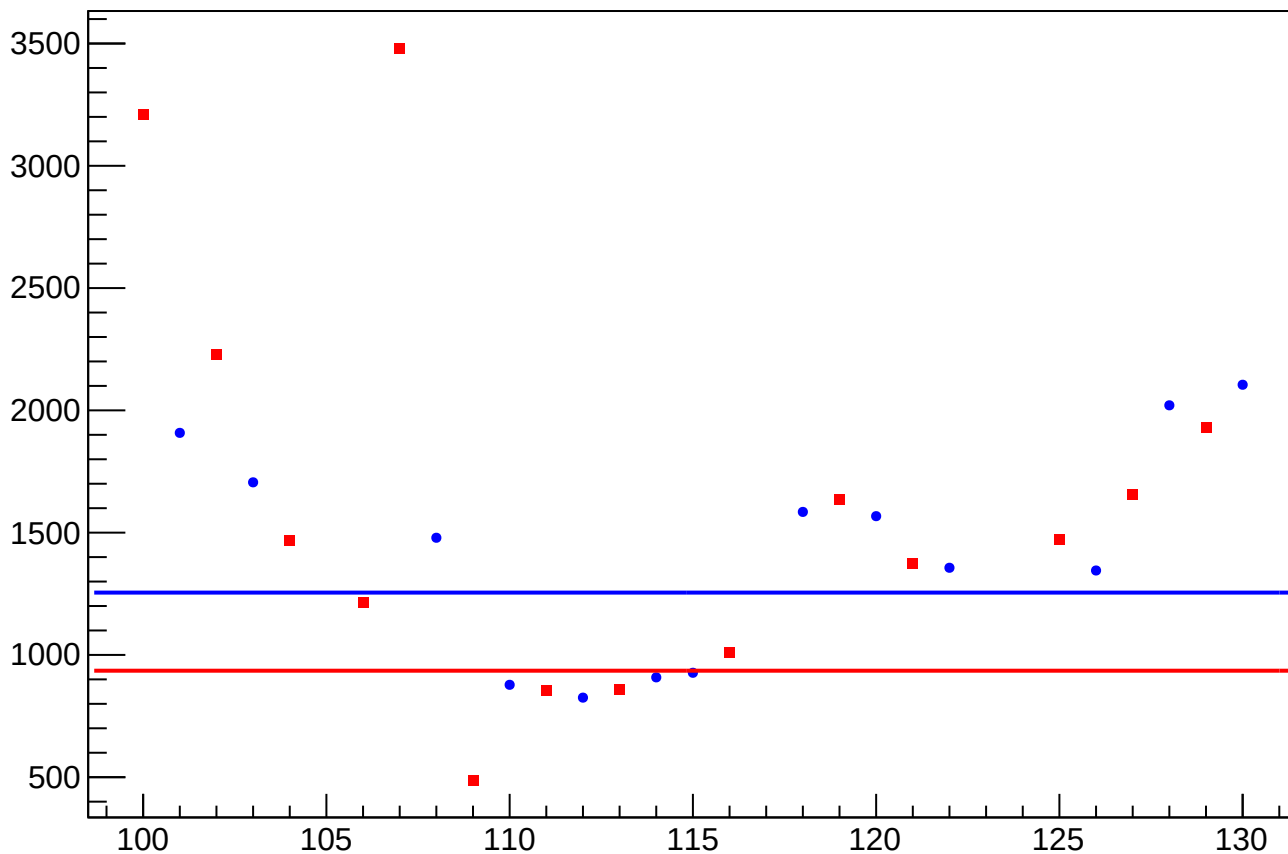
Right: 979.654+/-353.584 χ^2/NDF : 21.7/26

In: 352.327+/-565.579 χ^2/NDF : 14.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 979.654+/-353.584 χ^2/NDF : 21.7/26

asym_us_dd_atlr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1254.851+/-0.400 χ^2/NDF : 1124484.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 935.474+/-0.320 χ^2/NDF : 2463531.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

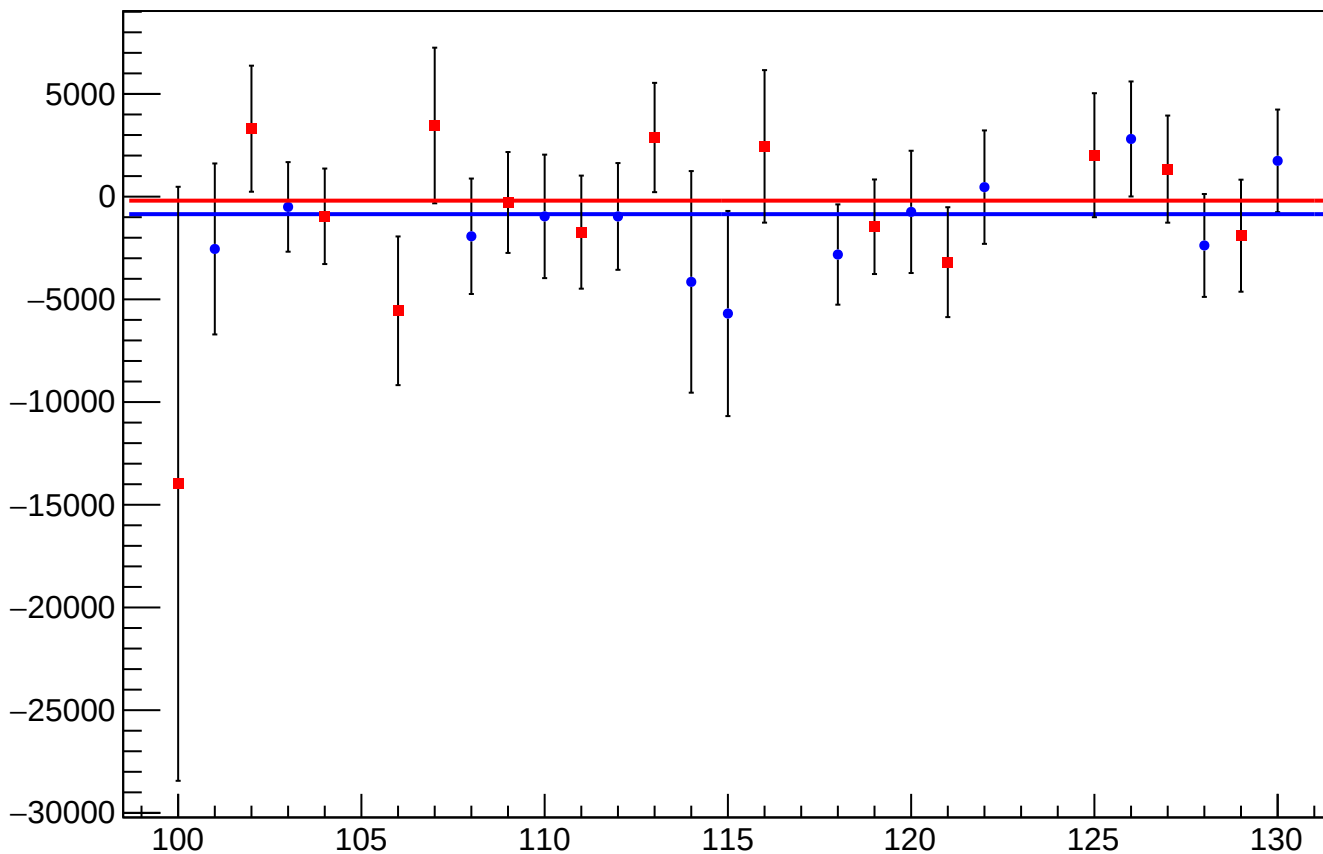
Right: 1060.300+/-0.250 χ^2/NDF : 3976505.4/26

In: 1254.851+/-0.400 χ^2/NDF : 1124484.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1060.300+/-0.250 χ^2/NDF : 3976505.4/26

eigen_cor_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -852.579 ± 793.724 χ^2/NDF : 5.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -194.699 ± 773.003 χ^2/NDF : 10.4/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

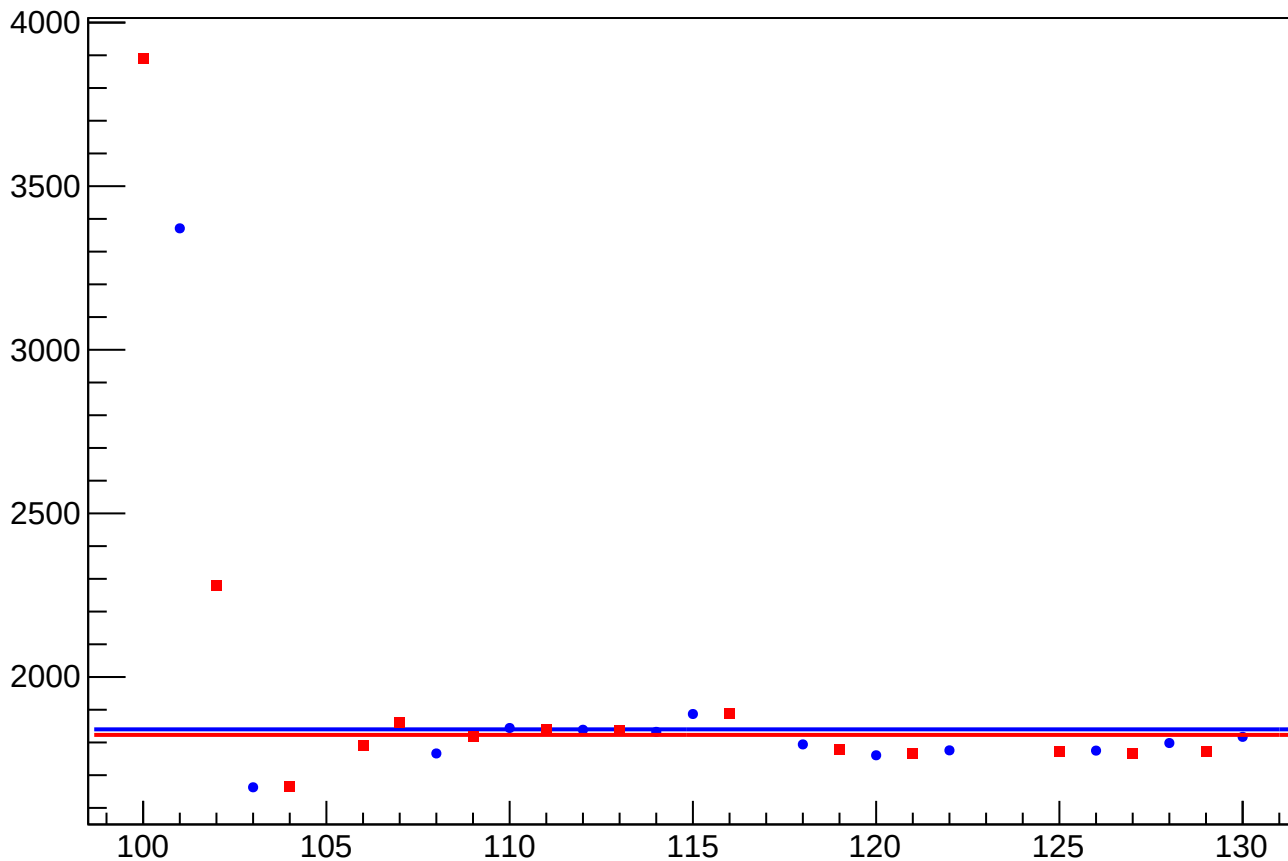
Right: -514.940 ± 553.776 χ^2/NDF : 16.5/26

In: -852.579 ± 793.724 χ^2/NDF : 5.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -514.940 ± 553.776 χ^2/NDF : 16.5/26

eigen_cor_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1840.071+/-0.561 χ^2 /NDF: 290439.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1823.107+/-0.547 χ^2 /NDF: 99405.2/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

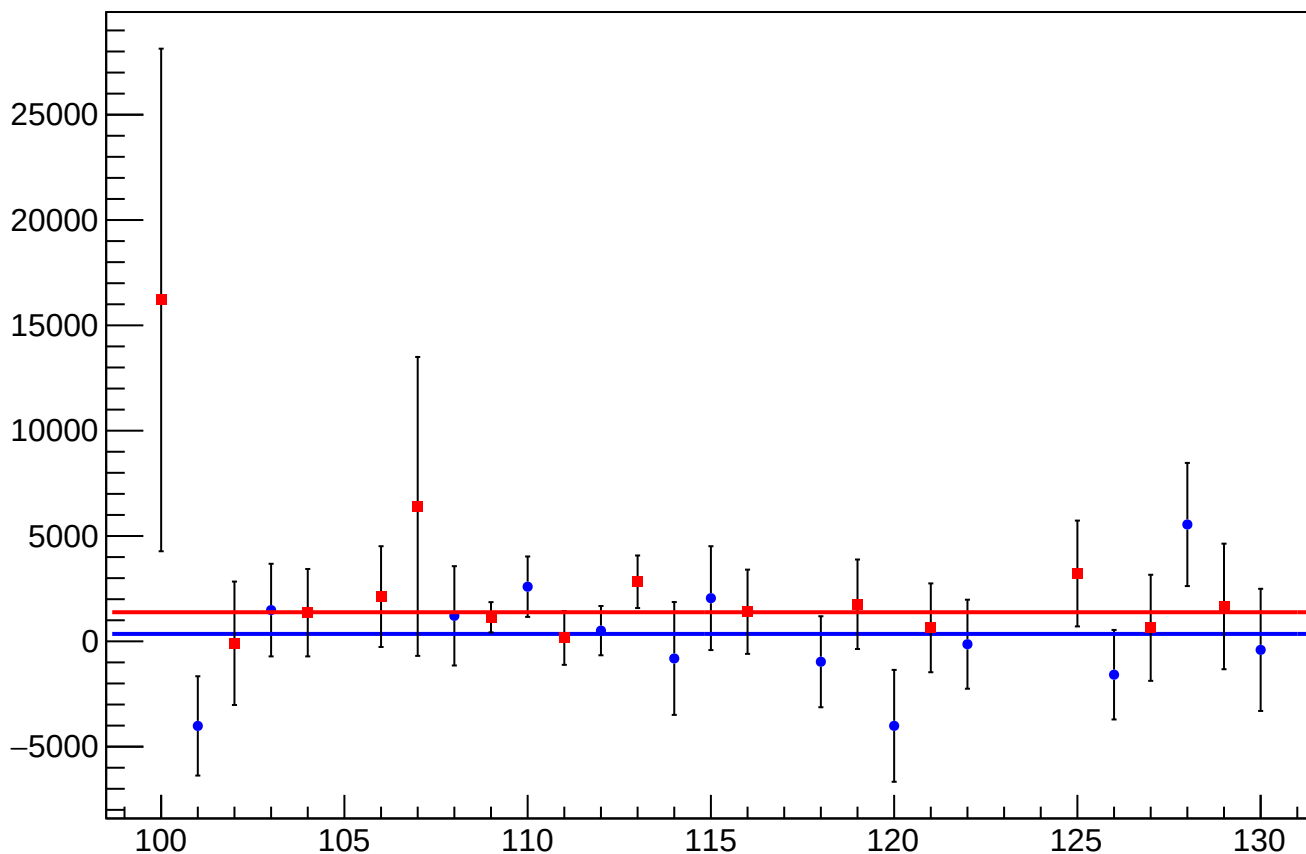
Right: 1831.364+/-0.392 χ^2 /NDF: 390313.8/26

In: 1840.071+/-0.561 χ^2 /NDF:290439.7/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1831.364+/-0.392 χ^2 /NDF: 390313.8/26

asym_us_dd_atlr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 352.327+/-565.579 χ^2/NDF : 14.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1382.151+/-453.030 χ^2/NDF : 5.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

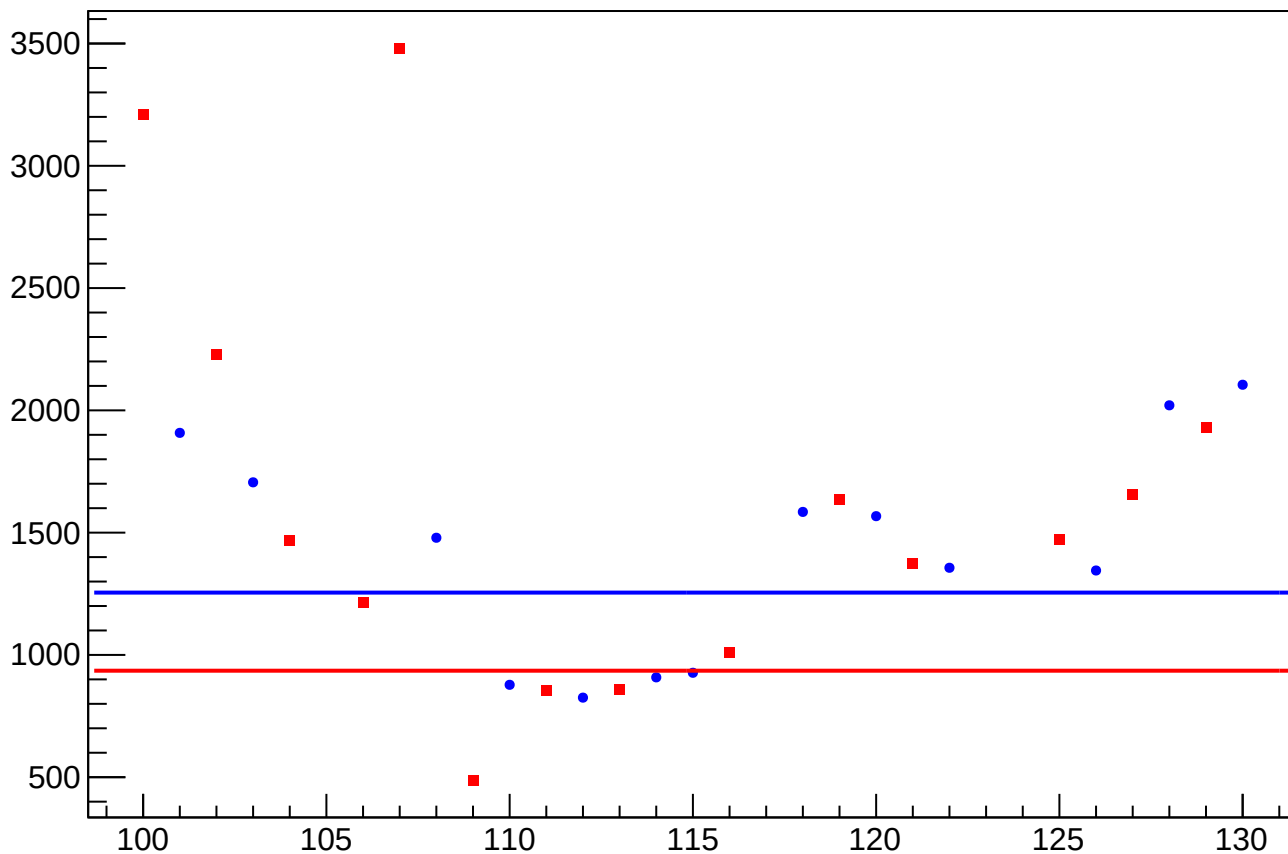
Right: 979.654+/-353.584 χ^2/NDF : 21.7/26

In: 352.327+/-565.579 χ^2/NDF : 14.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 979.654+/-353.584 χ^2/NDF : 21.7/26

asym_us_dd_atlr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1254.851+/-0.400 χ^2/NDF : 1124484.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 935.474+/-0.320 χ^2/NDF : 2463531.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

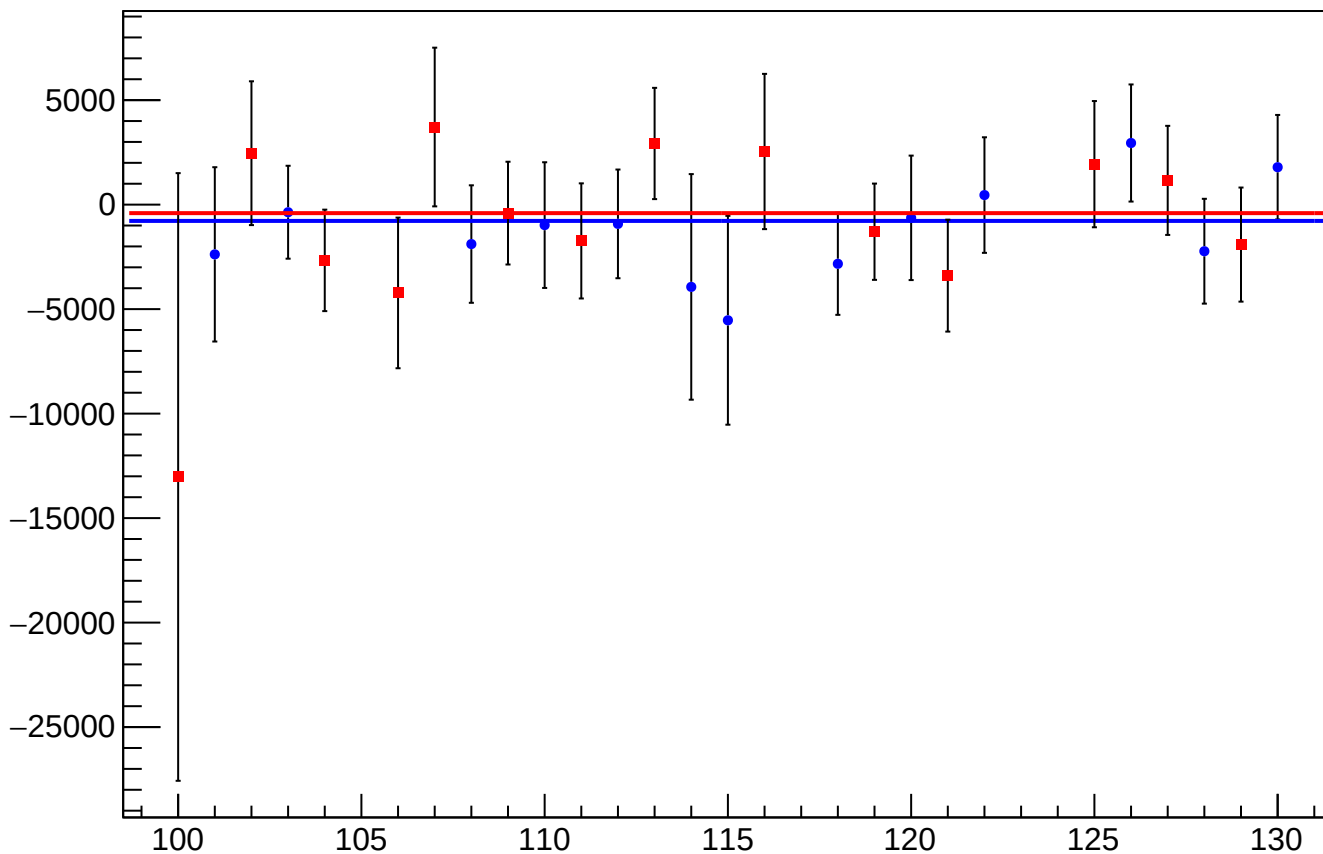
Right: 1060.300+/-0.250 χ^2/NDF : 3976505.4/26

In: 1254.851+/-0.400 χ^2/NDF : 1124484.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1060.300+/-0.250 χ^2/NDF : 3976505.4/26

dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -779.509 ± 796.389 χ^2/NDF : 5.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -406.783 ± 782.146 χ^2/NDF : 9.7/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

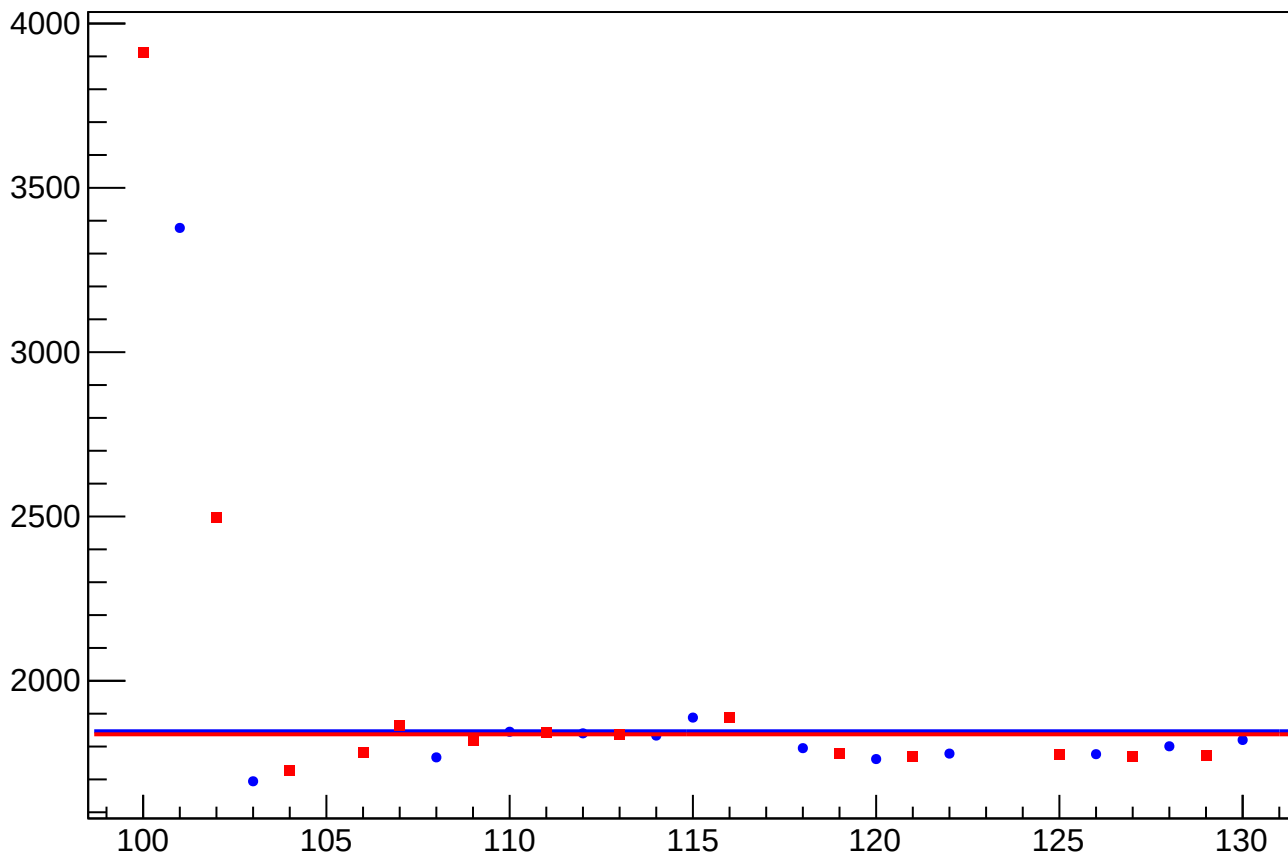
Right: -589.783 ± 558.028 χ^2/NDF : 15.5/26

In: -779.509 ± 796.389 χ^2/NDF : 5.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -589.783 ± 558.028 χ^2/NDF : 15.5/26

dit_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1846.445+/-0.563 χ^2/NDF : 286710.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1837.240+/-0.553 χ^2/NDF : 125432.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

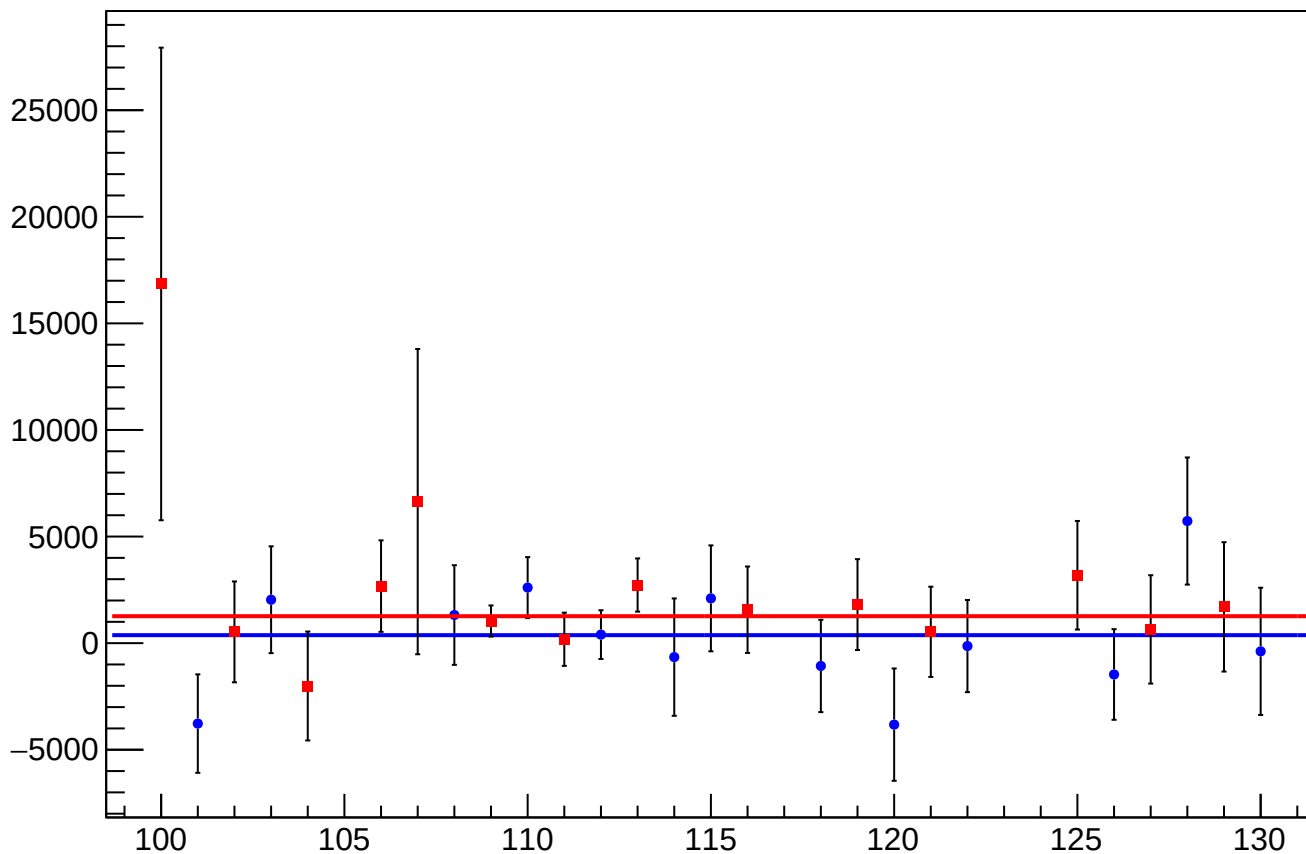
Right: 1841.760+/-0.395 χ^2/NDF : 412278.8/26

In: 1846.445+/-0.563 χ^2/NDF : 286710.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1841.760+/-0.395 χ^2/NDF : 412278.8/26

asym_us_dd_atlr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 374.901+/-568.406 χ^2/NDF : 14.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1264.627+/-454.586 χ^2/NDF : 7.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

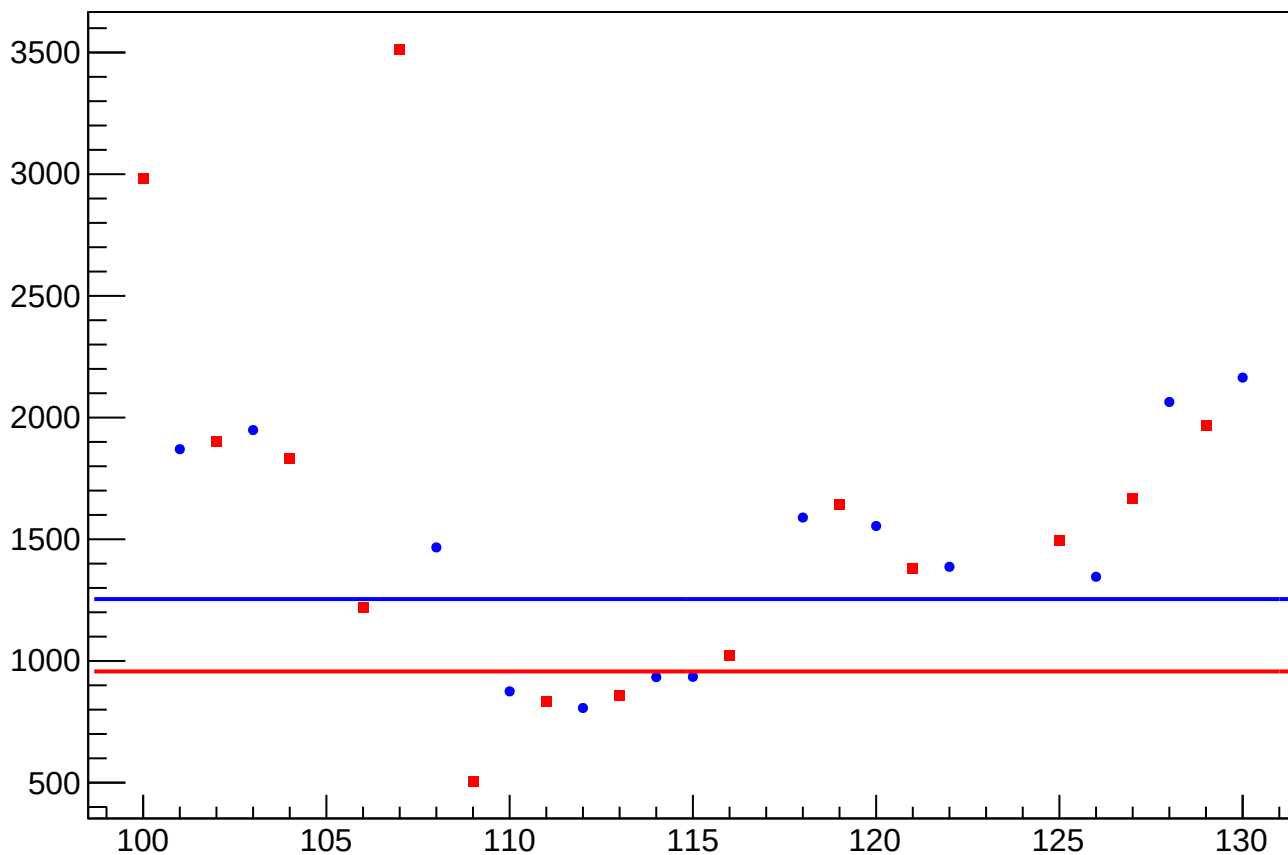
Right: 917.546+/-355.015 χ^2/NDF : 23.3/26

In: 374.901+/-568.406 χ^2/NDF : 14.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 917.546+/-355.015 χ^2/NDF : 23.3/26

asym_us_dd_atlr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1254.285+/-0.402 χ^2/NDF : 1238155.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 956.929+/-0.321 χ^2/NDF : 2464229.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

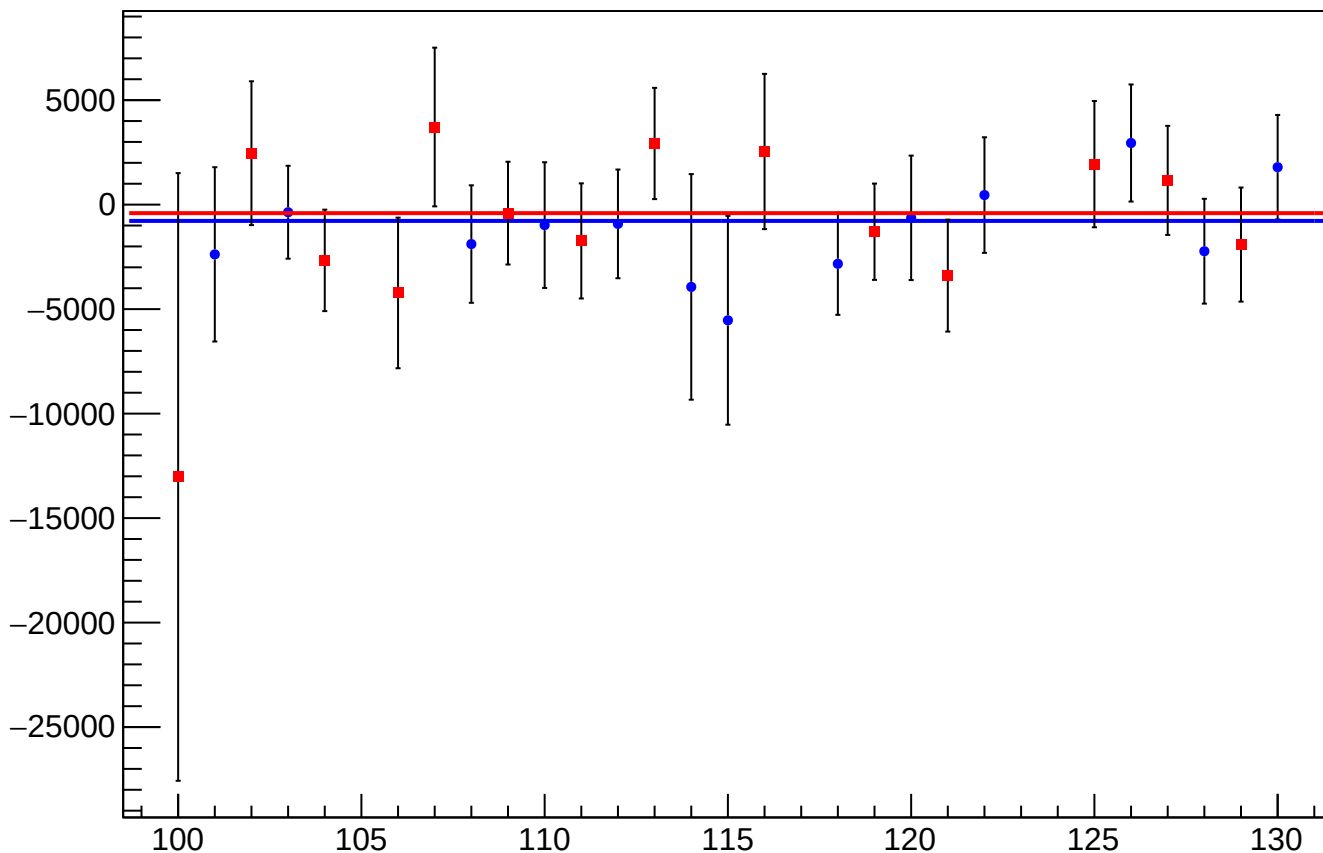
Right: 1072.927+/-0.251 χ^2/NDF : 4036215.2/26

In: 1254.285+/-0.402 χ^2/NDF : 1238155.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1072.927+/-0.251 χ^2/NDF : 4036215.2/26

eigen_dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -779.511 $\pm$ 796.389 χ^2 /NDF: 5.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -406.786 $\pm$ 782.146 χ^2 /NDF: 9.7/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

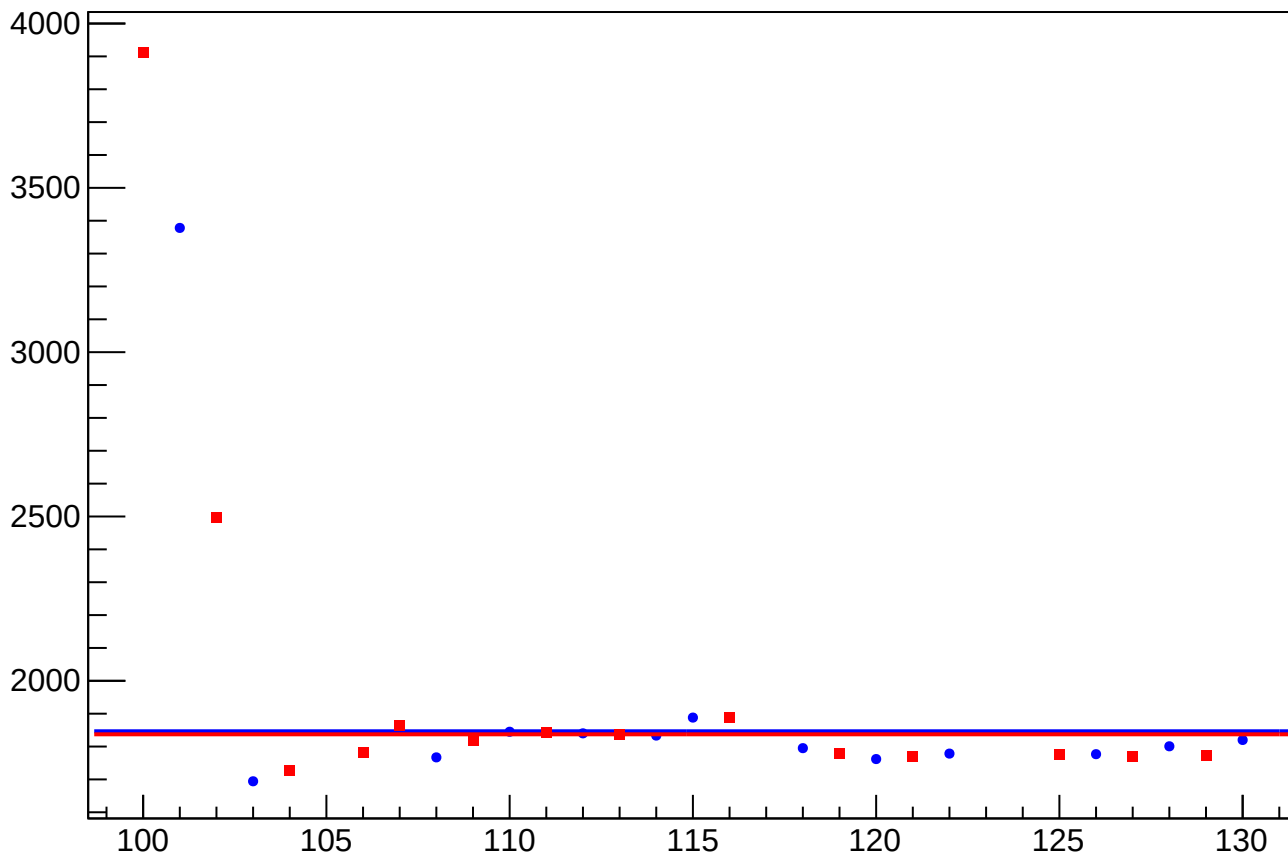
Right: -589.786 $\pm$ 558.028 χ^2 /NDF: 15.5/26

In: -779.511 $\pm$ 796.389 χ^2 /NDF:5.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -589.786 $\pm$ 558.028 χ^2 /NDF: 15.5/26

eigen_dit_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1846.445+/-0.563 χ^2/NDF : 286710.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1837.240+/-0.553 χ^2/NDF : 125432.3/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

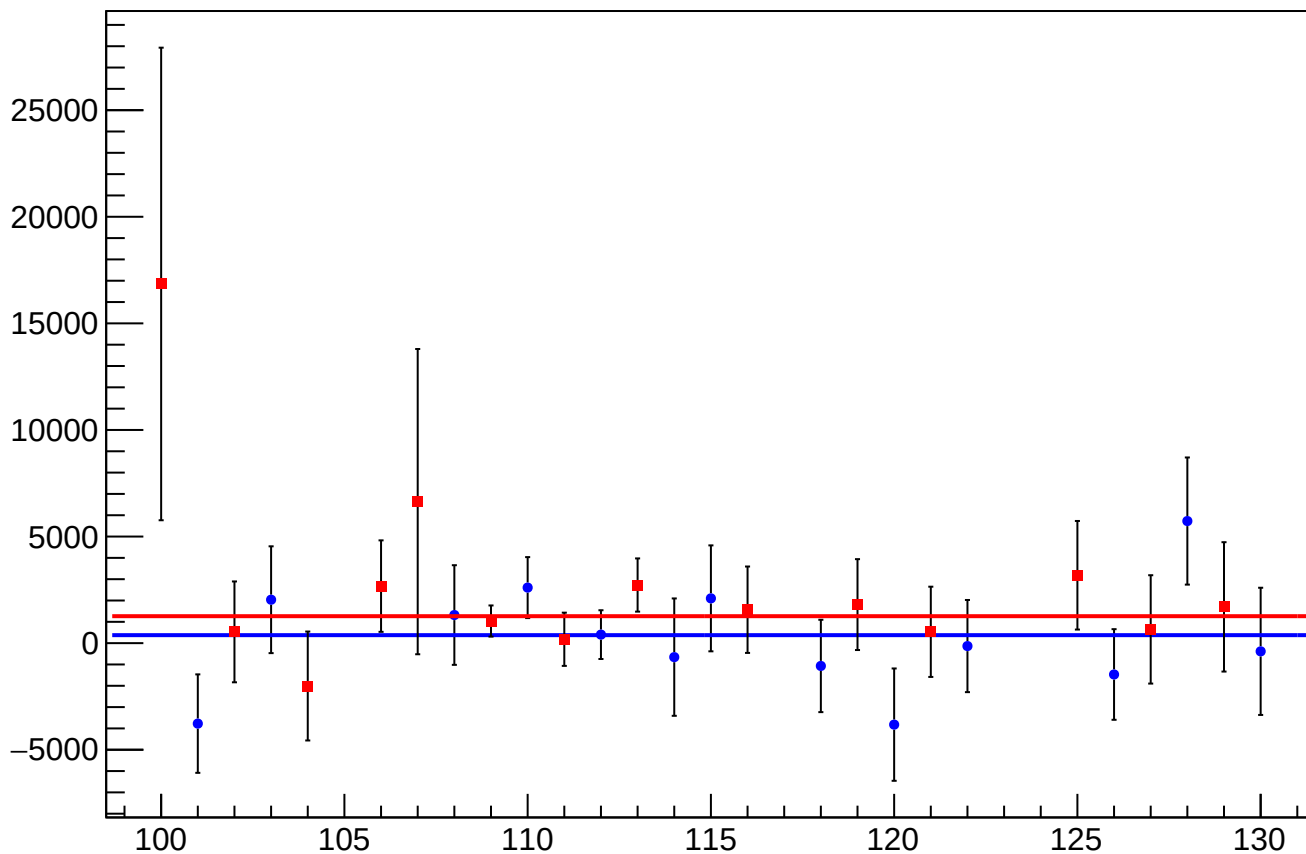
Right: 1841.760+/-0.395 χ^2/NDF : 412278.9/26

In: 1846.445+/-0.563 χ^2/NDF :286710.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1841.760+/-0.395 χ^2/NDF : 412278.9/26

asym_us_dd_atlr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 374.902+/-568.403 χ^2/NDF : 14.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1264.624+/-454.585 χ^2/NDF : 7.8/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

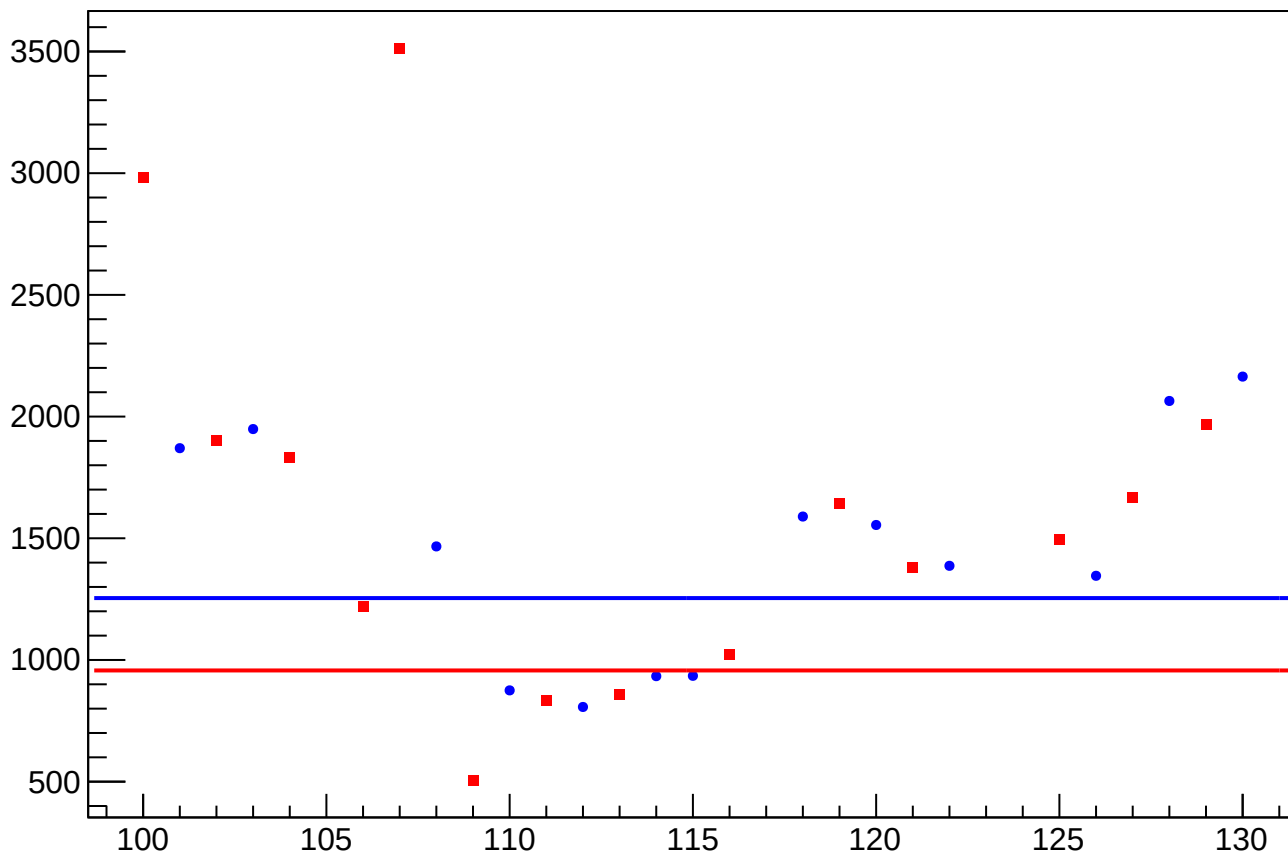
Right: 917.543+/-355.013 χ^2/NDF : 23.3/26

In: 374.902+/-568.403 χ^2/NDF :14.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 917.543+/-355.013 χ^2/NDF : 23.3/26

asym_us_dd_atlr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1254.277+/-0.402 χ^2/NDF : 1238166.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 956.927+/-0.321 χ^2/NDF : 2464219.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

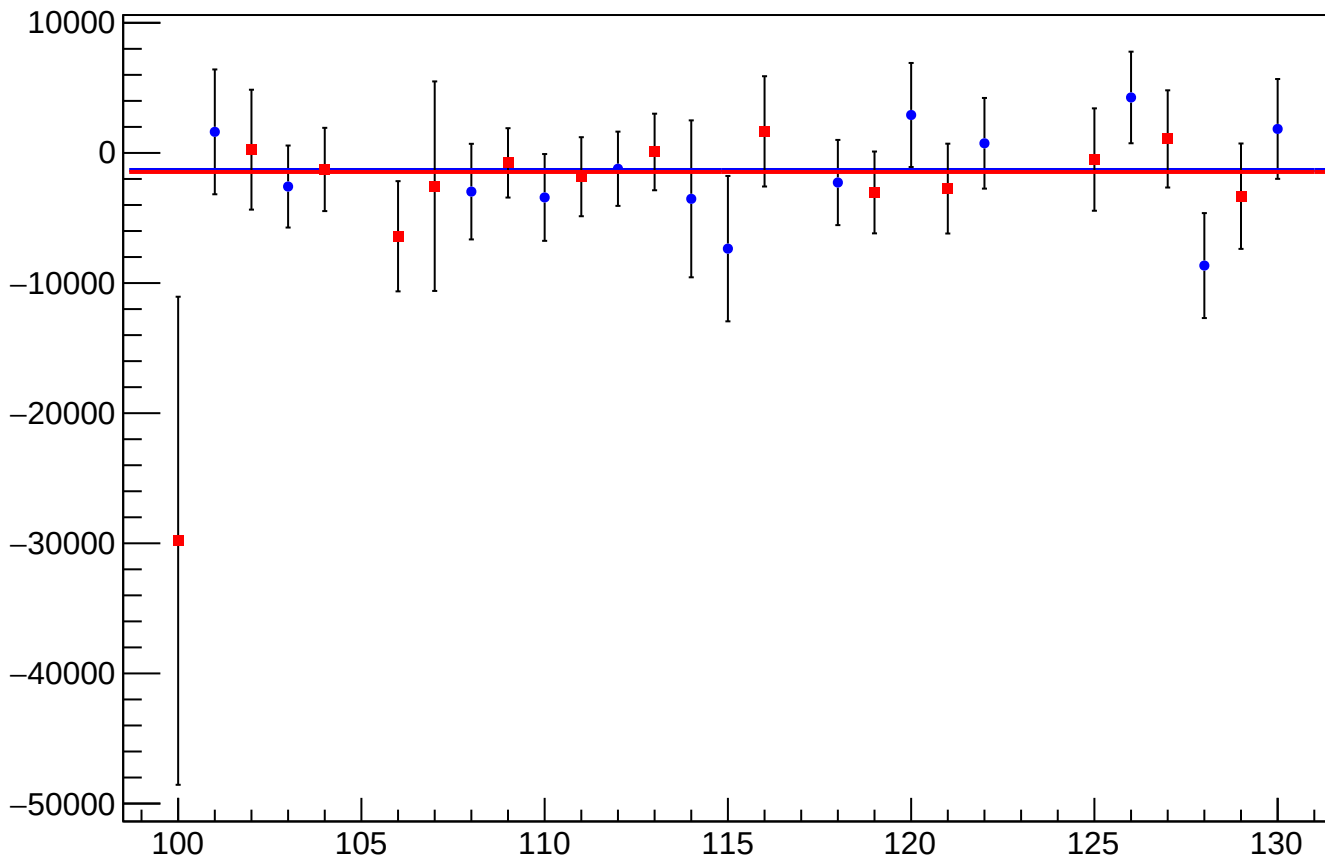
Right: 1072.924+/-0.251 χ^2/NDF : 4036204.7/26

In: 1254.277+/-0.402 χ^2/NDF : 1238166.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1072.924+/-0.251 χ^2/NDF : 4036204.7/26

asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1310.415+/-1032.043 χ^2 /NDF: 10.5/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1461.682+/-989.416 χ^2 /NDF: 5.8/13

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

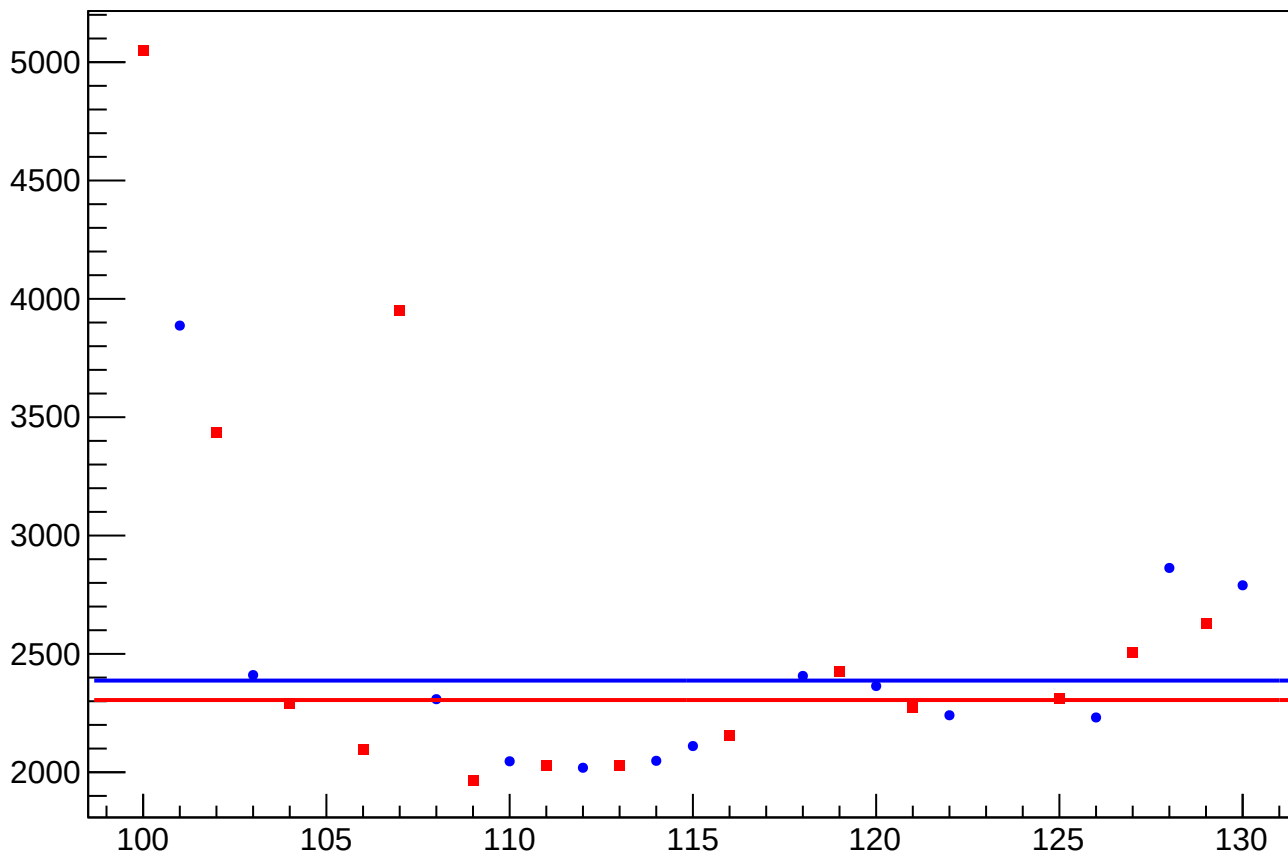
Right: -1389.237+/-714.217 χ^2 /NDF: 16.3/26

In: -1310.415+/-1032.043 χ^2 /NDF: 10.5/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1389.237+/-714.217 χ^2 /NDF: 16.3/26

asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2387.243+/-0.730 χ^2/NDF : 319465.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2305.042+/-0.700 χ^2/NDF : 342486.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

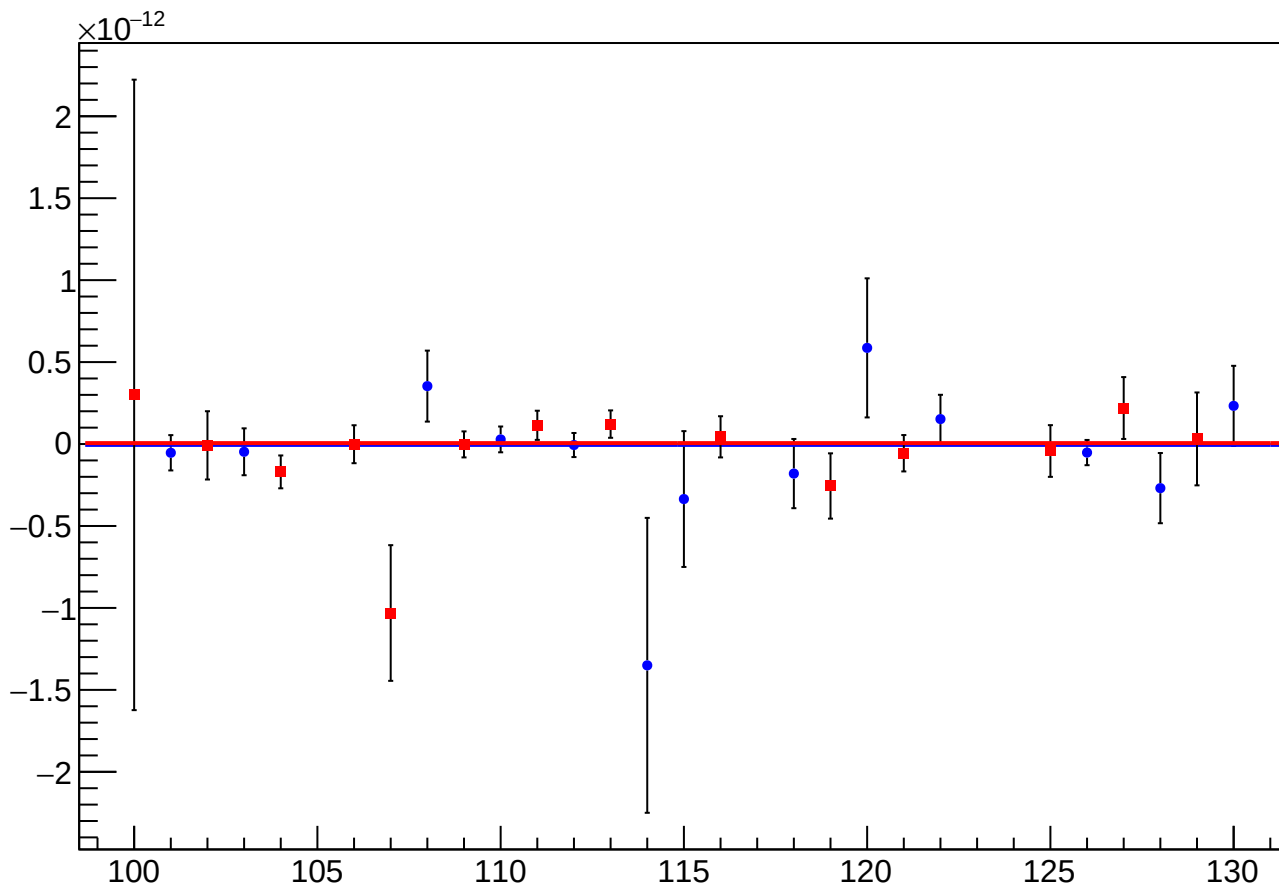
Right: 2344.410+/-0.505 χ^2/NDF : 668563.4/26

In: 2387.243+/-0.730 χ^2/NDF : 319465.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2344.410+/-0.505 χ^2/NDF : 668563.4/26

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.3/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

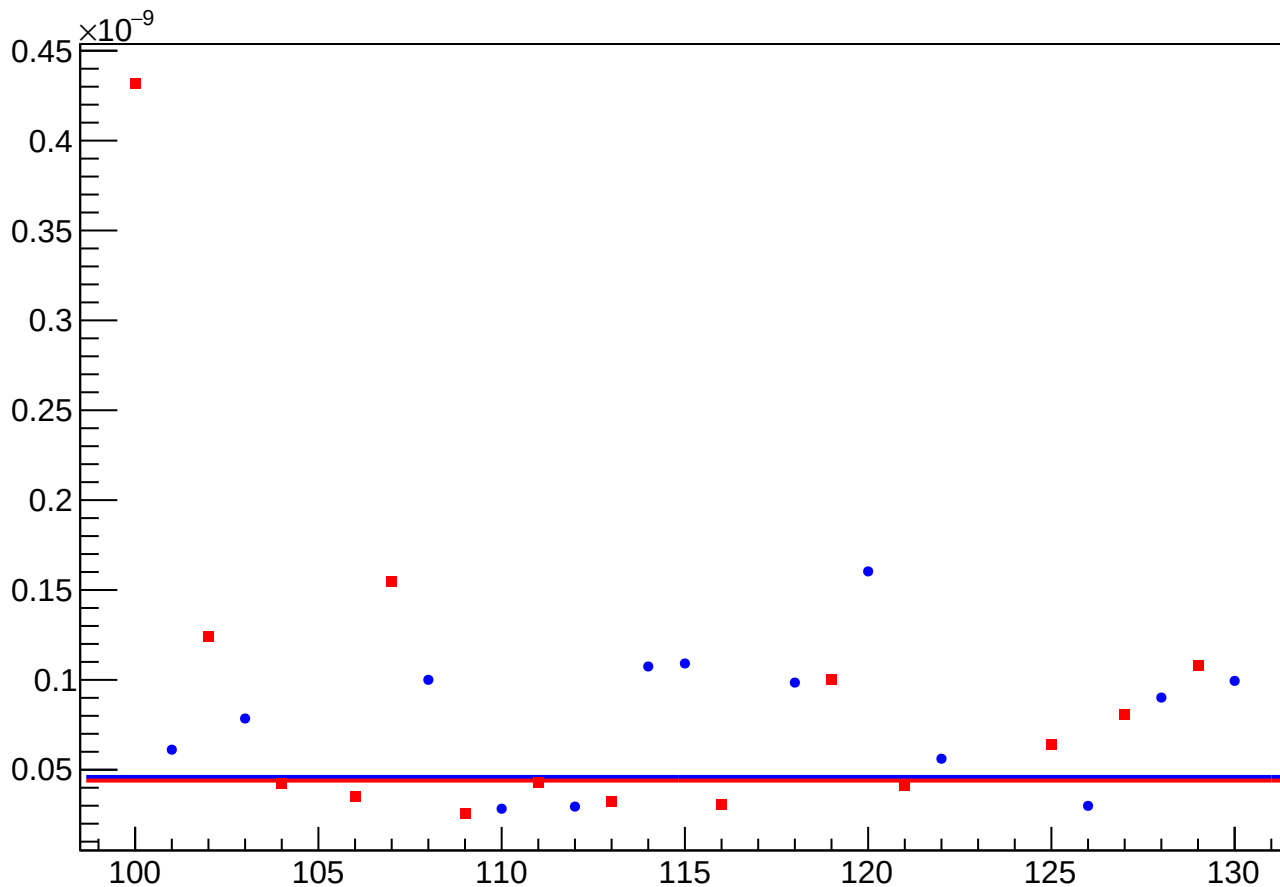
Right: 0.000+/-0.000 χ^2/NDF : 29.0/26

In: -0.000+/-0.000 χ^2/NDF :12.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.0/26

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1071113.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1072316.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

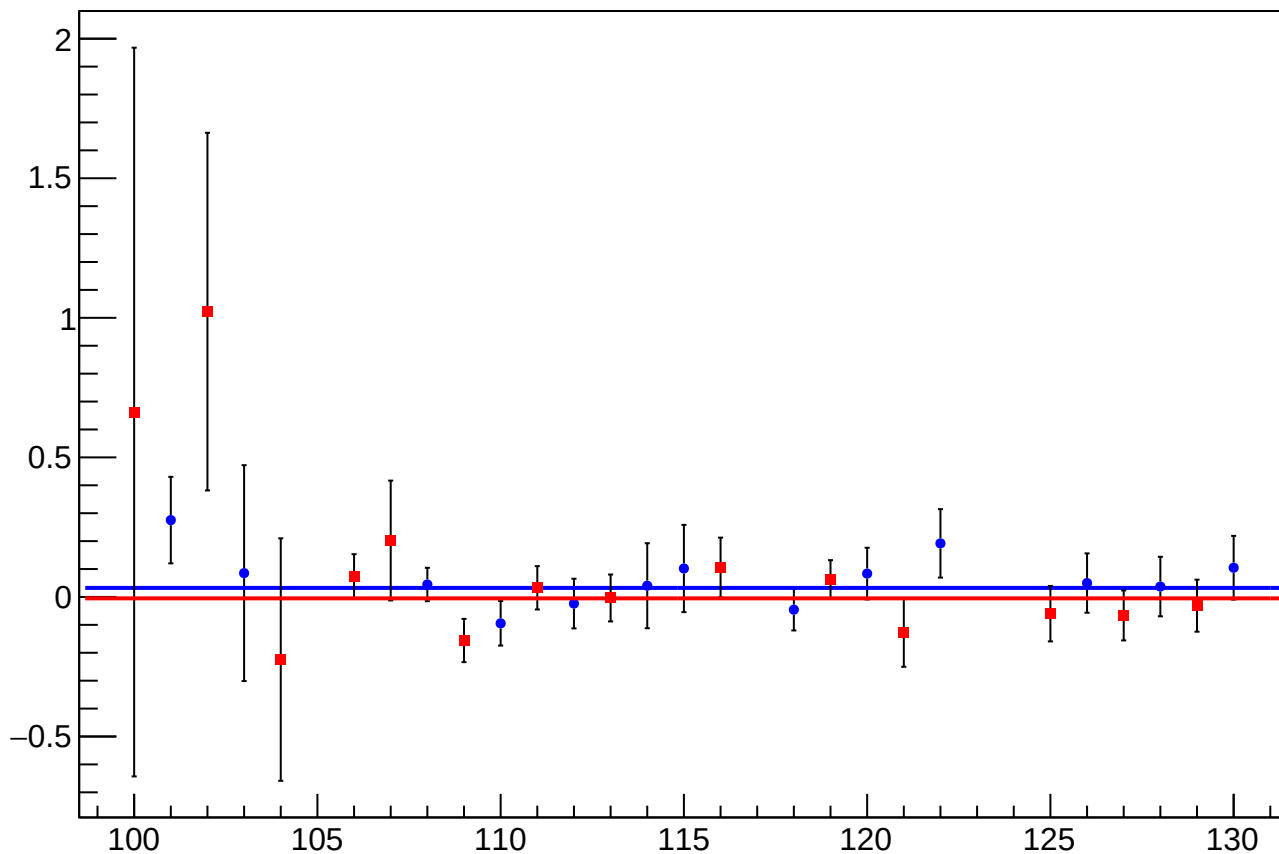
Right: 0.000+/-0.000 χ^2/NDF : 2146812.0/26

In: 0.000+/-0.000 χ^2/NDF : 1071113.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2146812.0/26

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.032+/-0.028 χ^2/NDF : 9.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.005+/-0.027 χ^2/NDF : 13.0/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

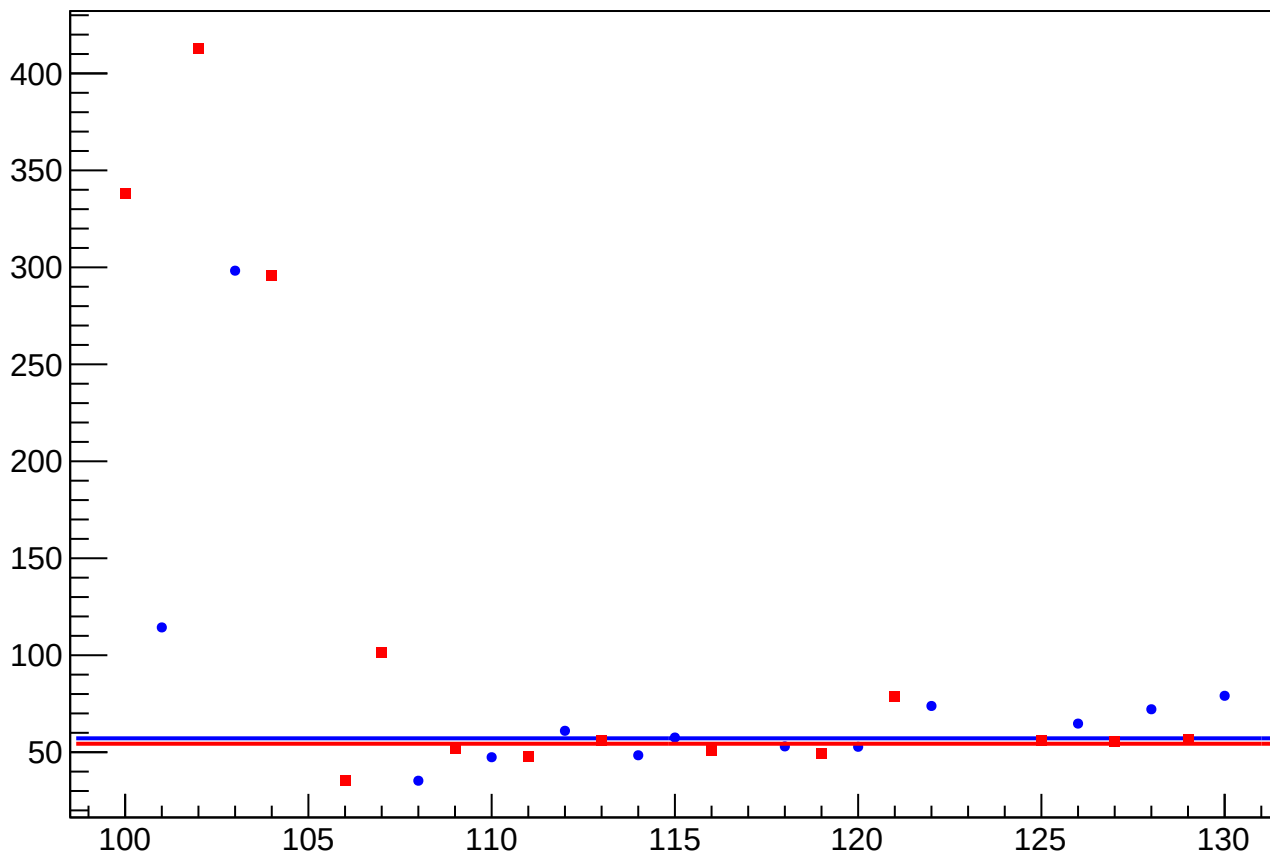
Right: 0.013+/-0.019 χ^2/NDF : 23.1/26

In: 0.032+/-0.028 χ^2/NDF :9.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.013+/-0.019 χ^2/NDF : 23.1/26

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.160+/-0.020 χ^2/NDF : 1528623.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.366+/-0.019 χ^2/NDF : 1662823.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

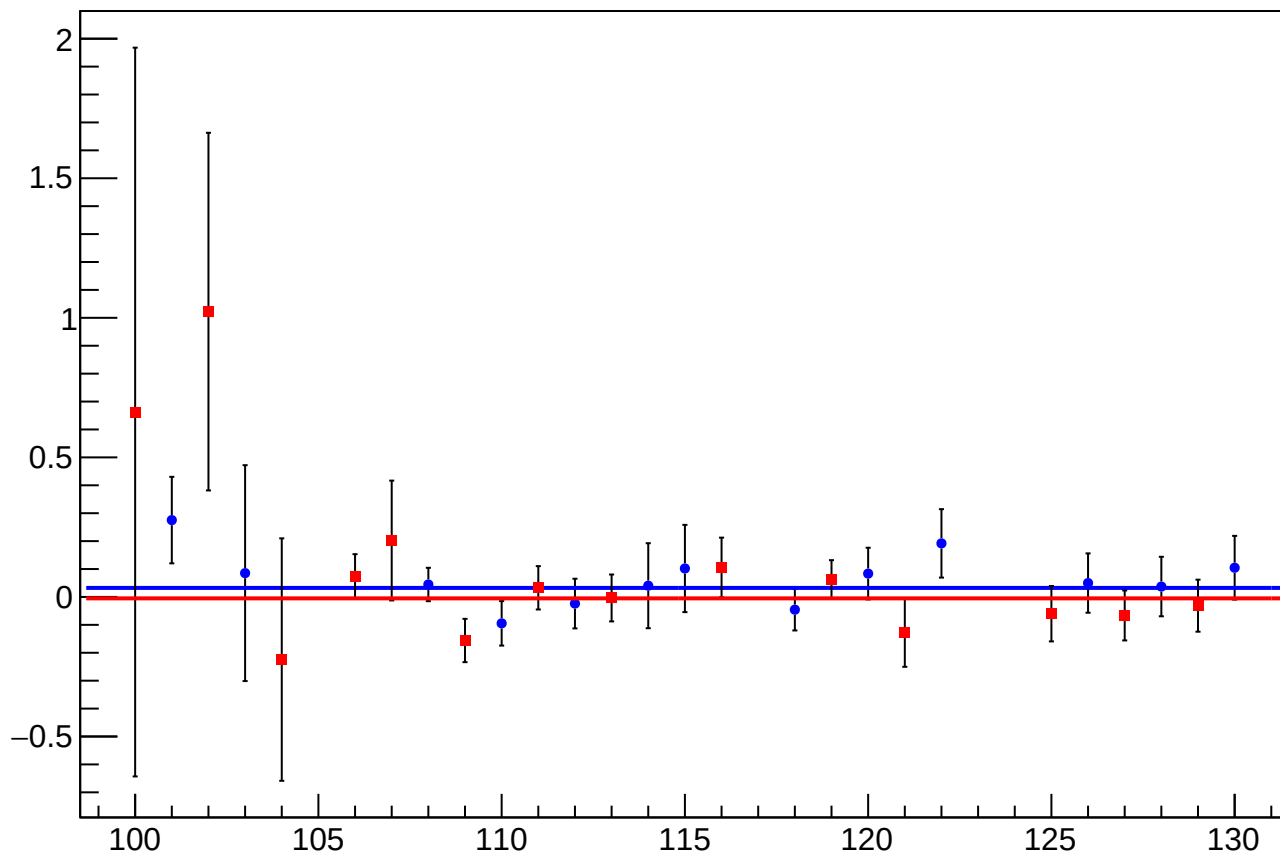
Right: 55.732+/-0.014 χ^2/NDF : 3201927.0/26

In: 57.160+/-0.020 χ^2/NDF : 1528623.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.732+/-0.014 χ^2/NDF : 3201927.0/26

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.032 $\pm$ 0.028 χ^2 /NDF: 9.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.005 $\pm$ 0.027 χ^2 /NDF: 13.0/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

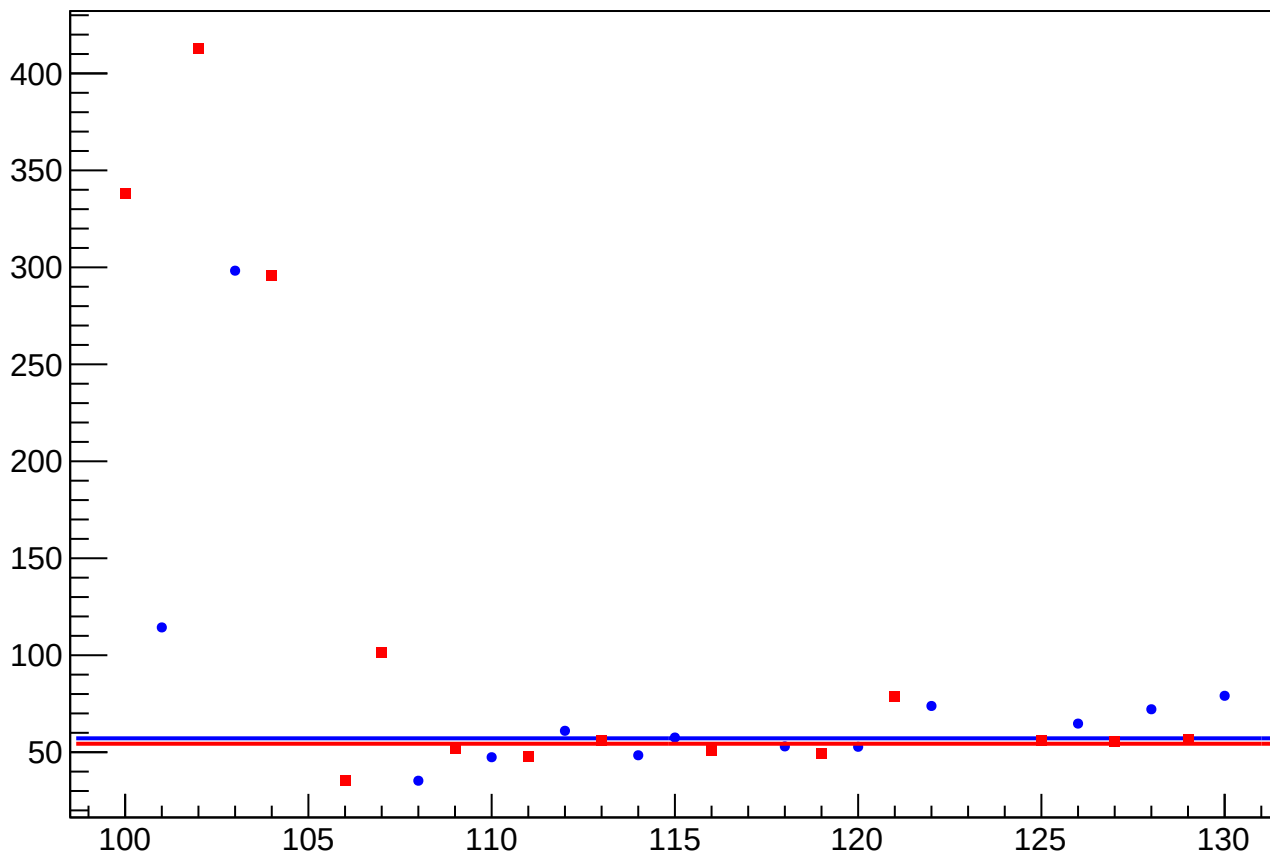
Right: 0.013 $\pm$ 0.019 χ^2 /NDF: 23.1/26

In: 0.032 $\pm$ 0.028 χ^2 /NDF:9.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.013 $\pm$ 0.019 χ^2 /NDF: 23.1/26

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.160+/-0.020 χ^2/NDF : 1528623.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 54.366+/-0.019 χ^2/NDF : 1662823.7/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

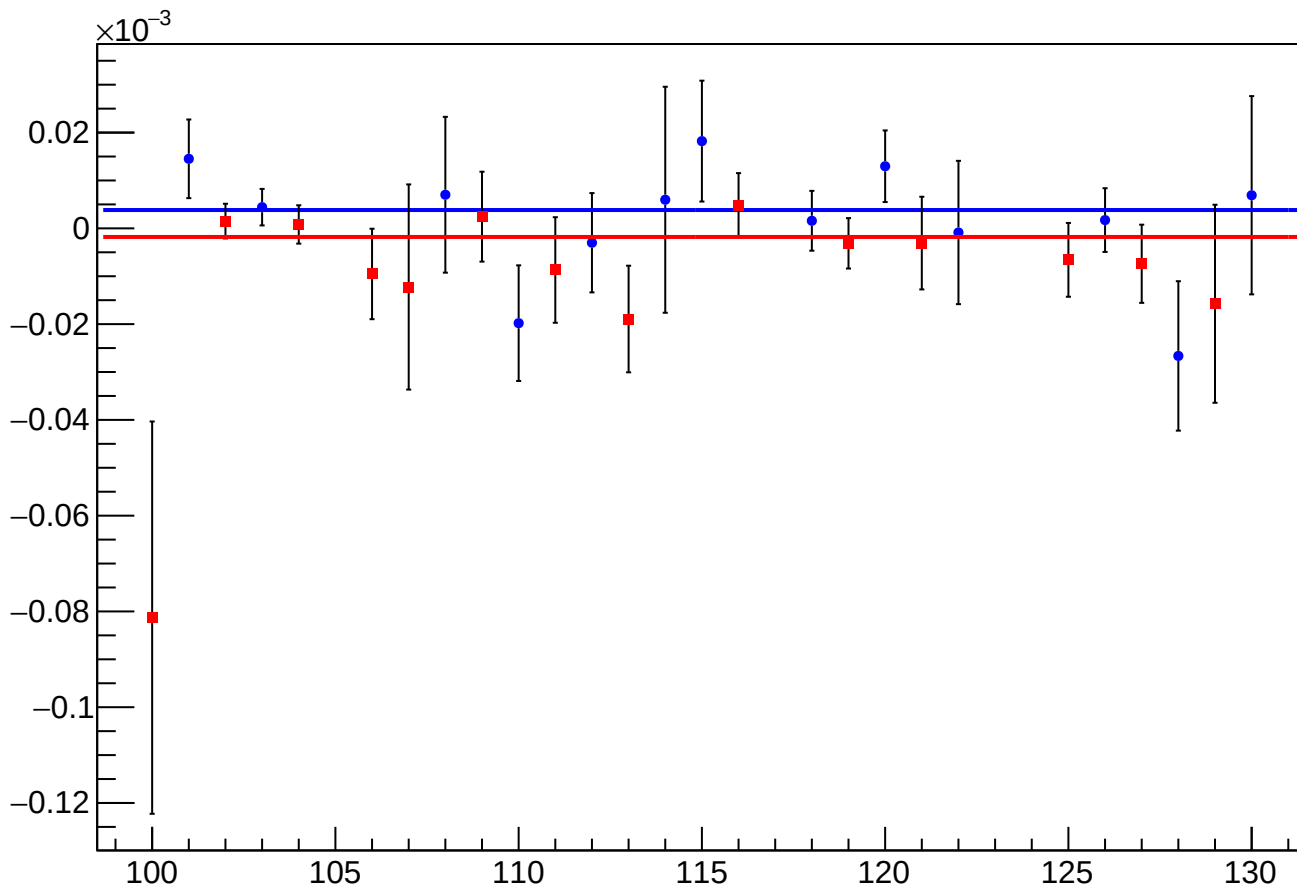
Right: 55.732+/-0.014 χ^2/NDF : 3201927.0/26

In: 57.160+/-0.020 χ^2/NDF :1528623.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 55.732+/-0.014 χ^2/NDF : 3201927.0/26

asym_us_dd_atlr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

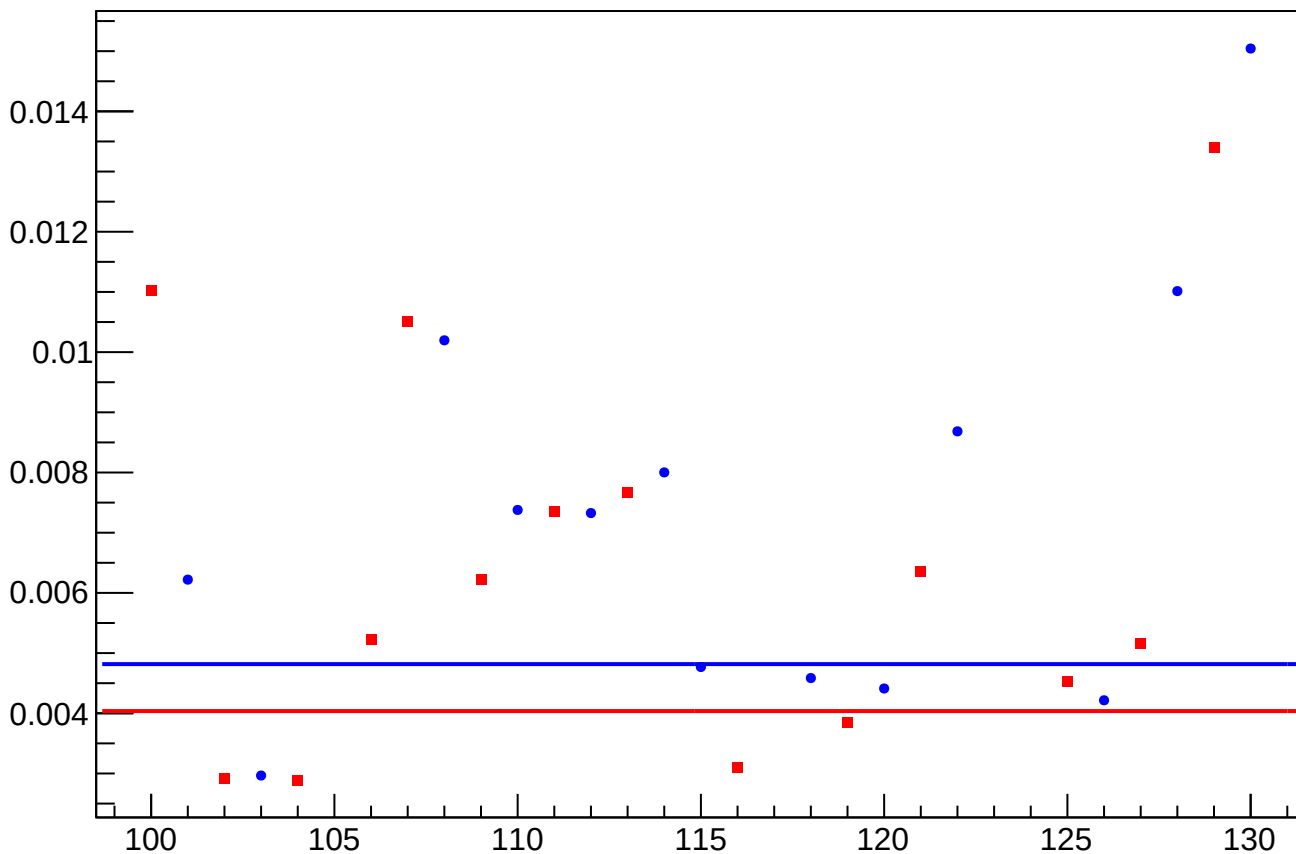
Right: 0.000+/-0.000 χ^2/NDF : 27.8/26

In: 0.000+/-0.000 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.8/26

asym_us_dd_atlr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1954074.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 1746196.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

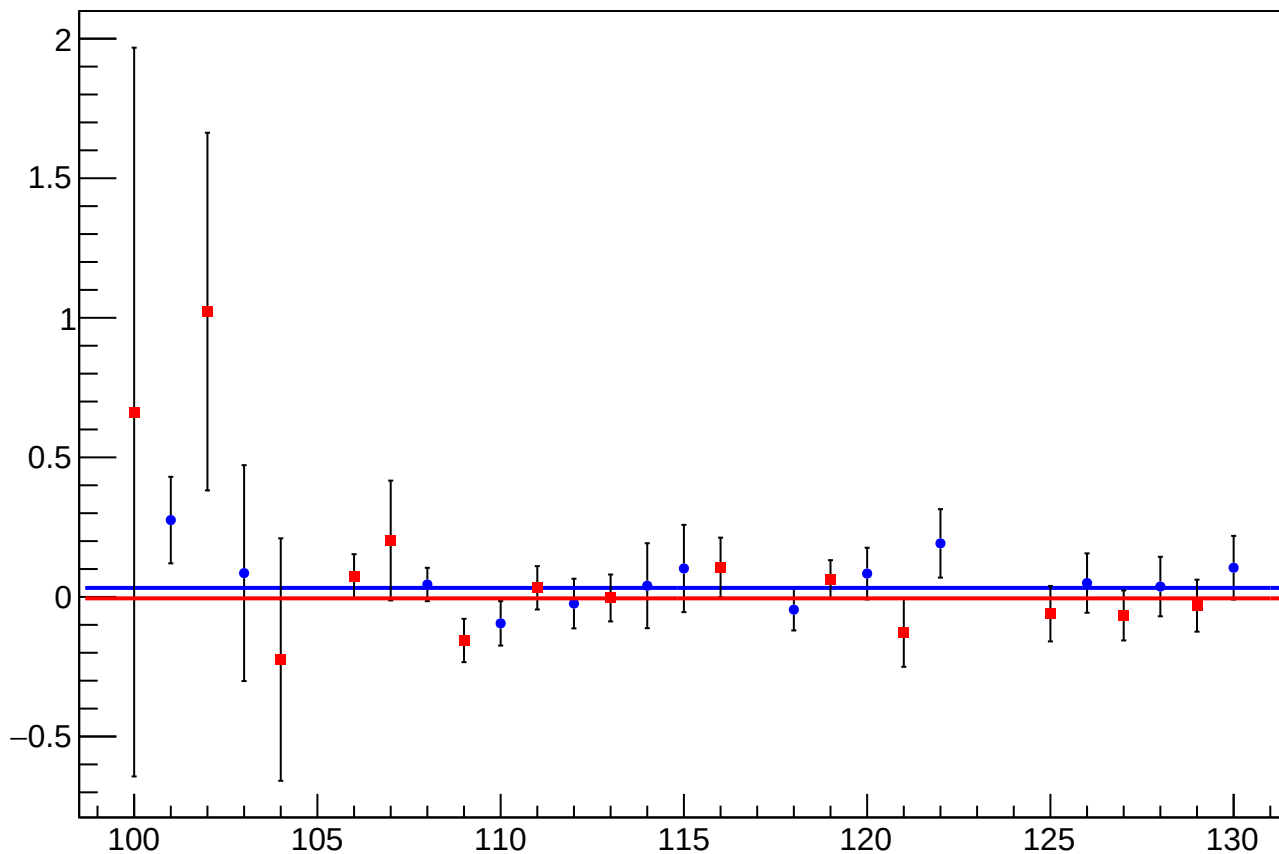
Right: 0.004+/-0.000 χ^2/NDF : 3838124.5/26

In: 0.005+/-0.000 χ^2/NDF : 1954074.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 3838124.5/26

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.032+/-0.028 χ^2/NDF : 9.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.005+/-0.027 χ^2/NDF : 13.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

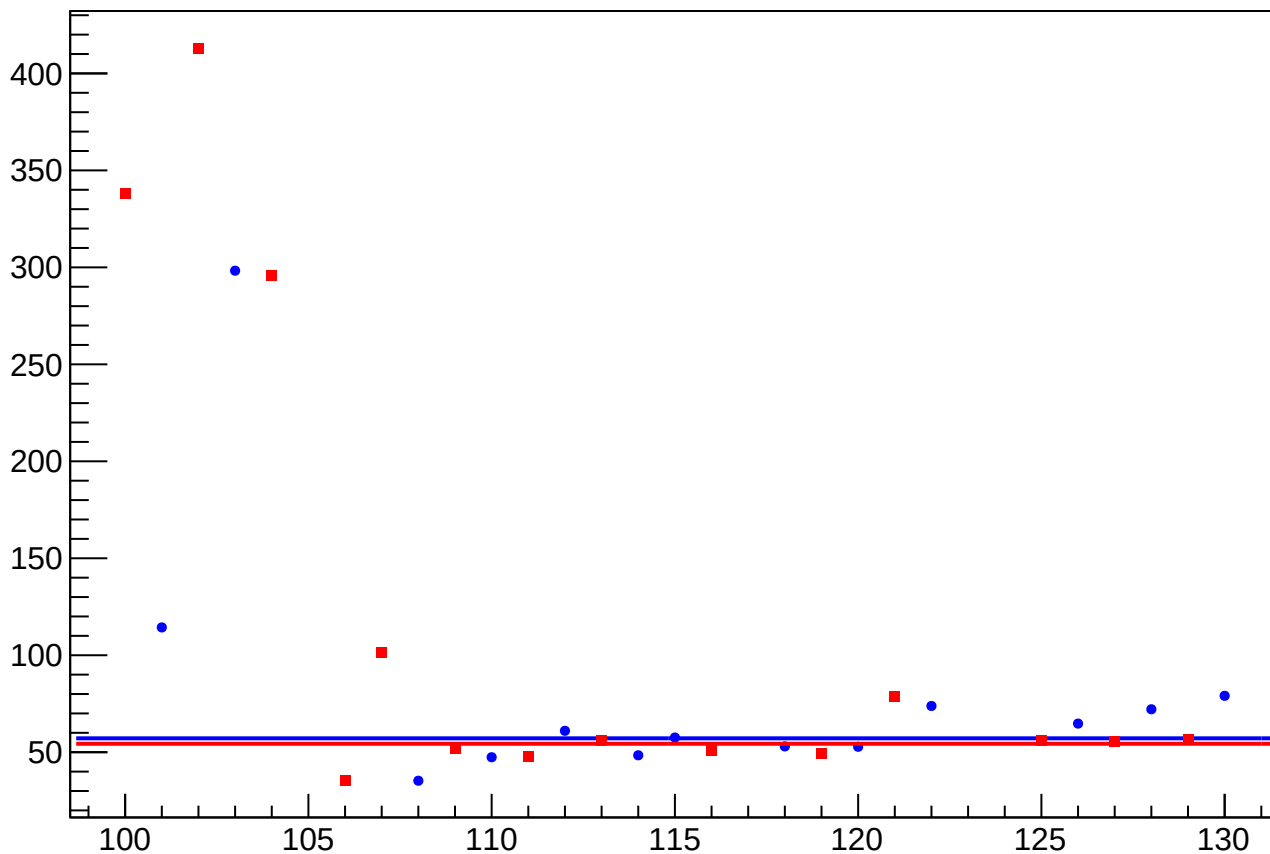
Right: 0.013+/-0.019 χ^2/NDF : 23.1/26

In: 0.032+/-0.028 χ^2/NDF : 9.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.019 χ^2/NDF : 23.1/26

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.162+/-0.020 χ^2/NDF : 1528476.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 54.366+/-0.019 χ^2/NDF : 1662794.3/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

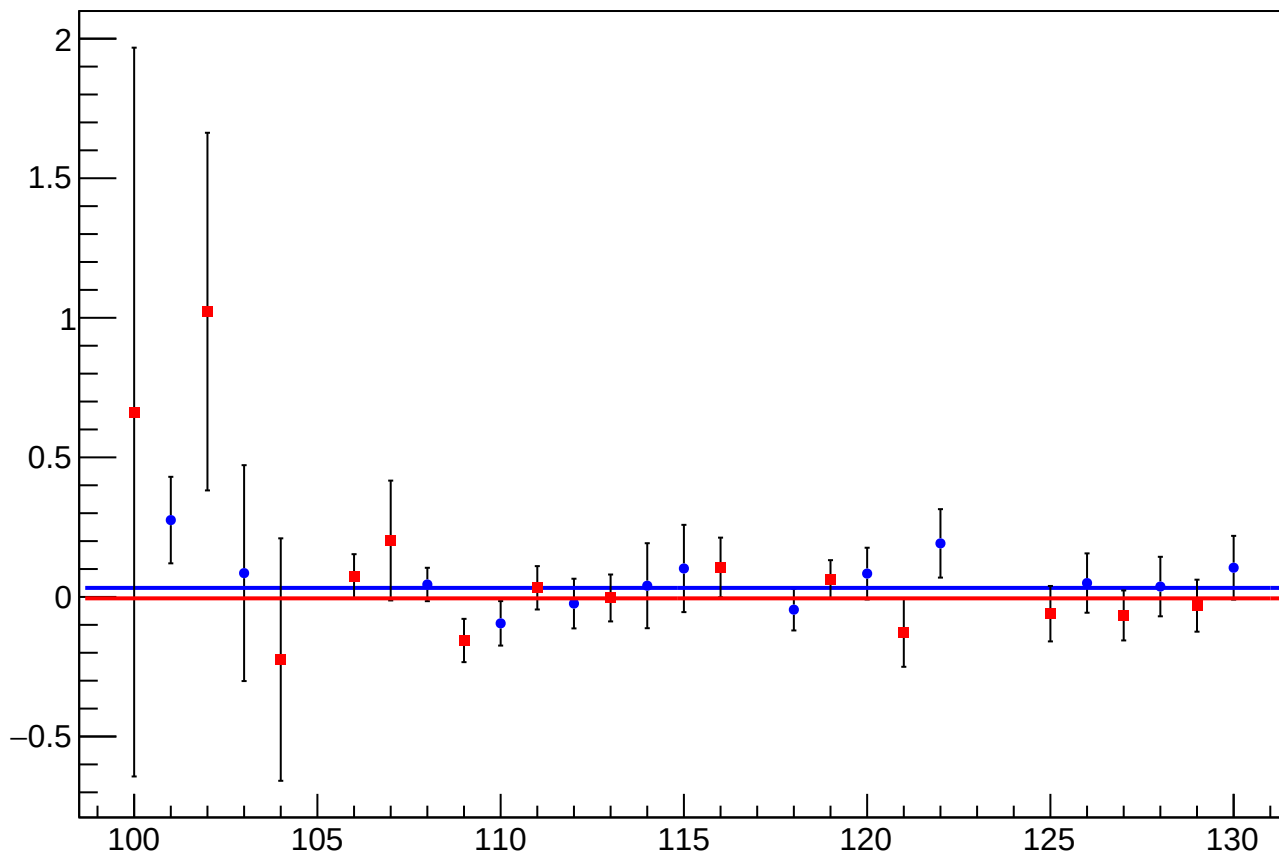
Right: 55.732+/-0.014 χ^2/NDF : 3201762.3/26

In: 57.162+/-0.020 χ^2/NDF :1528476.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 55.732+/-0.014 χ^2/NDF : 3201762.3/26

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.032+/-0.028 χ^2/NDF : 9.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.005+/-0.027 χ^2/NDF : 13.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

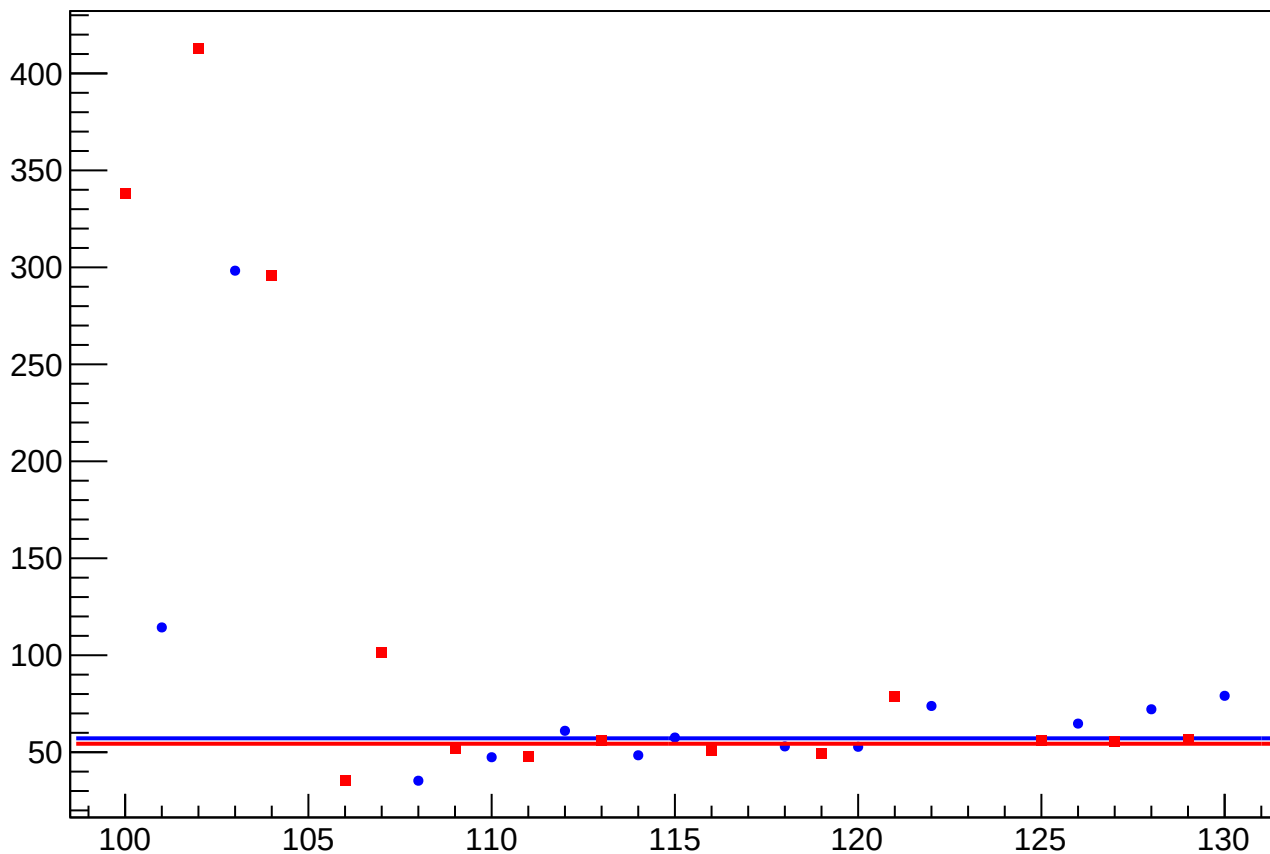
Right: 0.013+/-0.019 χ^2/NDF : 23.1/26

In: 0.032+/-0.028 χ^2/NDF : 9.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.019 χ^2/NDF : 23.1/26

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.162+/-0.020 χ^2/NDF : 1528476.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 54.366+/-0.019 χ^2/NDF : 1662794.3/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

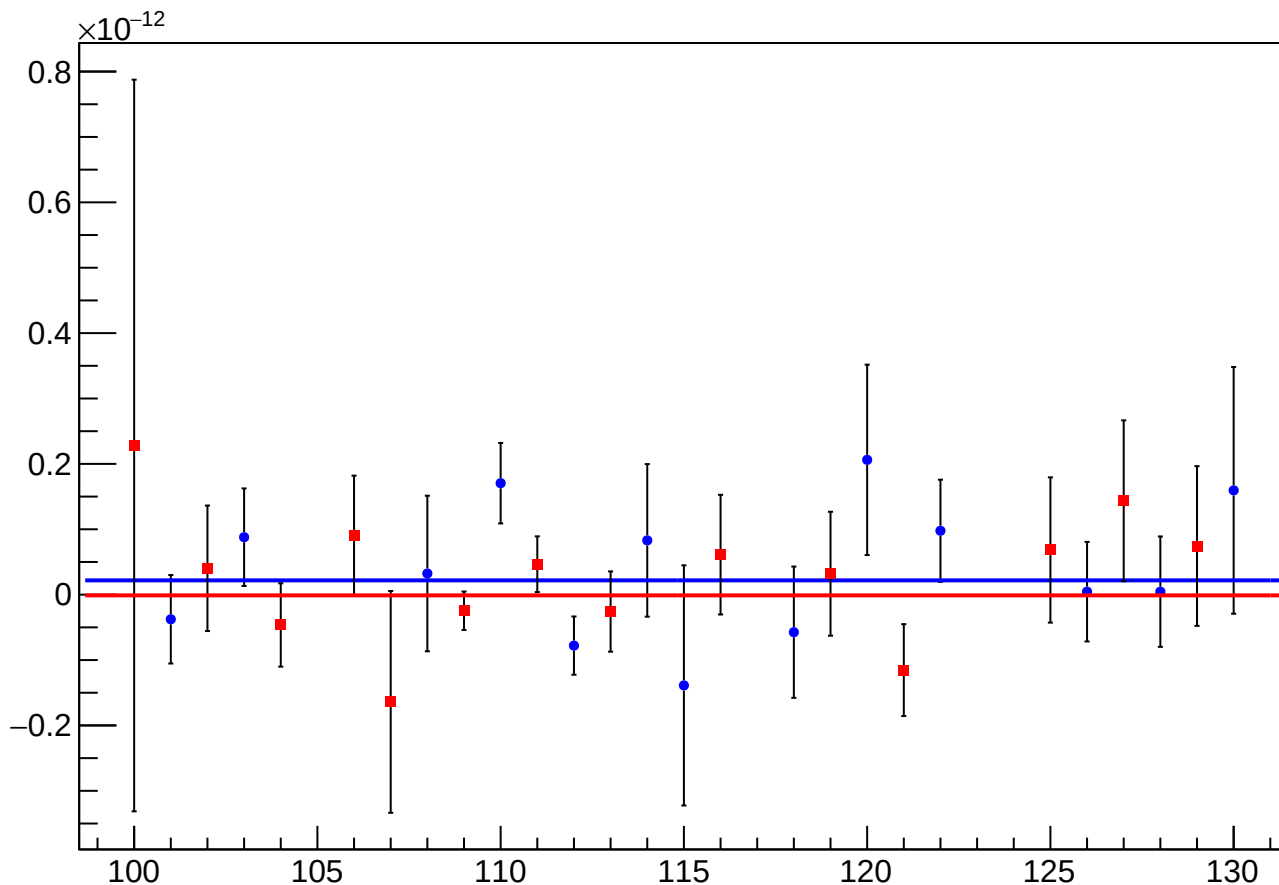
Right: 55.732+/-0.014 χ^2/NDF : 3201762.3/26

In: 57.162+/-0.020 χ^2/NDF :1528476.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 55.732+/-0.014 χ^2/NDF : 3201762.3/26

asym_us_dd_atlr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 17.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

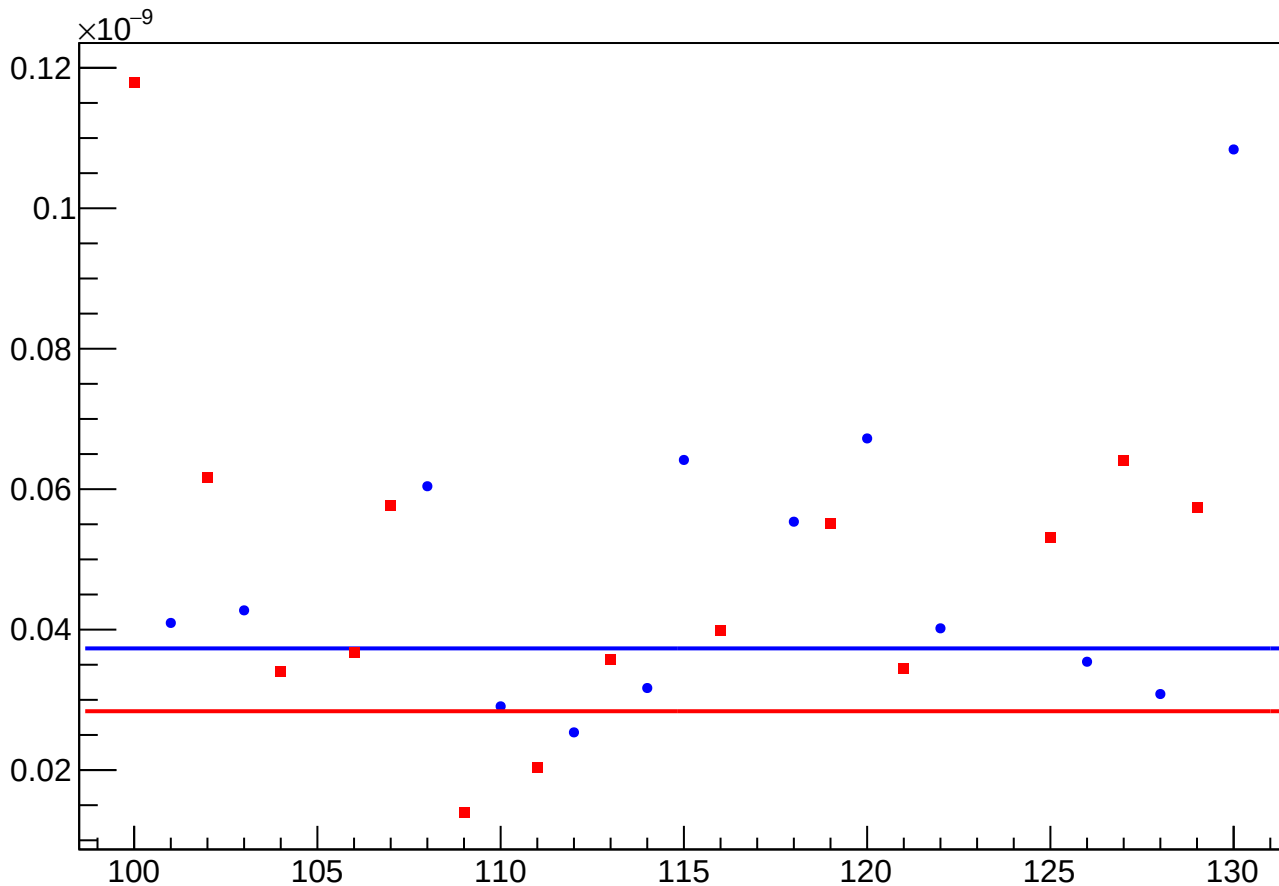
Right: 0.000+/-0.000 χ^2/NDF : 28.1/26

In: 0.000+/-0.000 χ^2/NDF : 17.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.1/26

asym_us_dd_atlr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 767412.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1550655.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

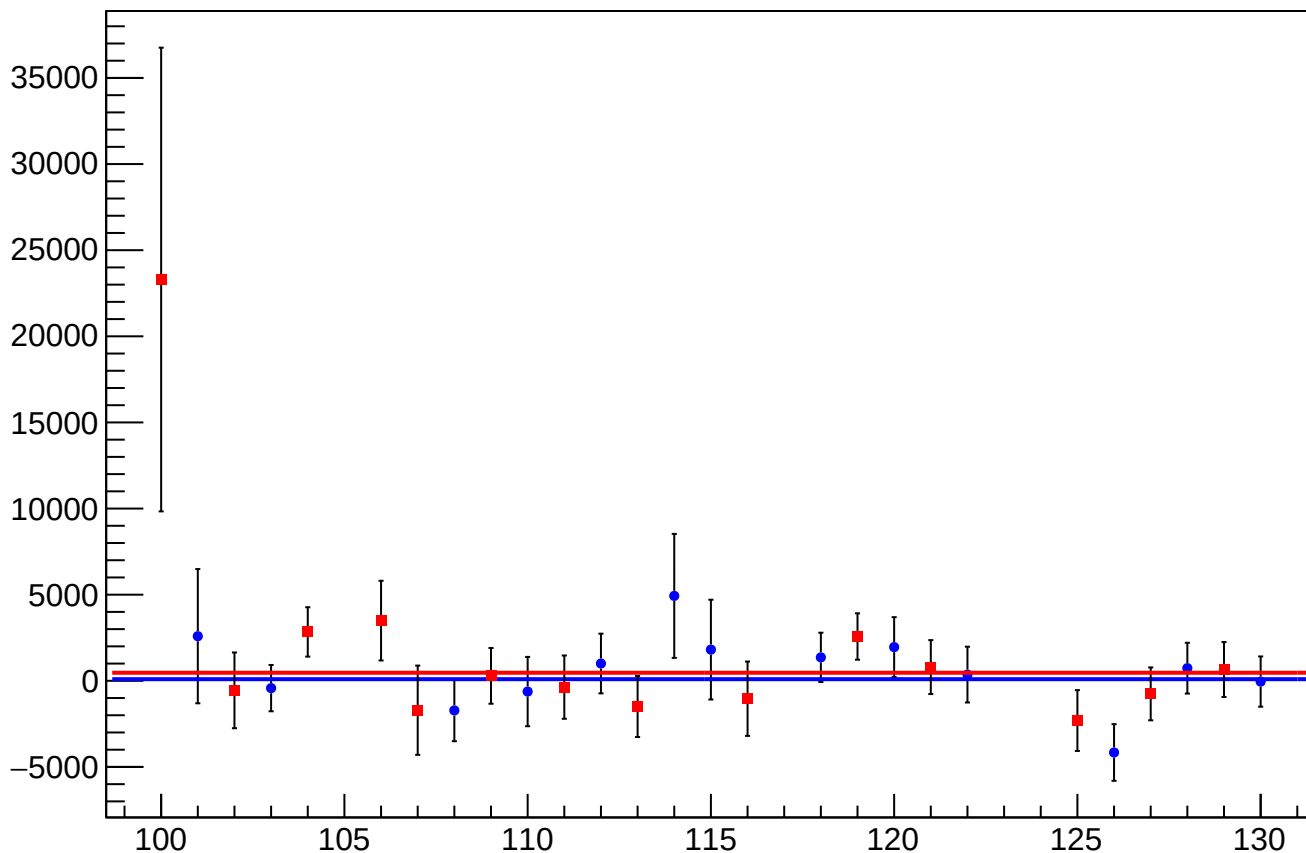
Right: 0.000+/-0.000 χ^2/NDF : 2512962.8/26

In: 0.000+/-0.000 χ^2/NDF : 767412.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2512962.8/26

reg_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 94.408+/-487.390 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 468.316+/-479.789 χ^2/NDF : 15.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

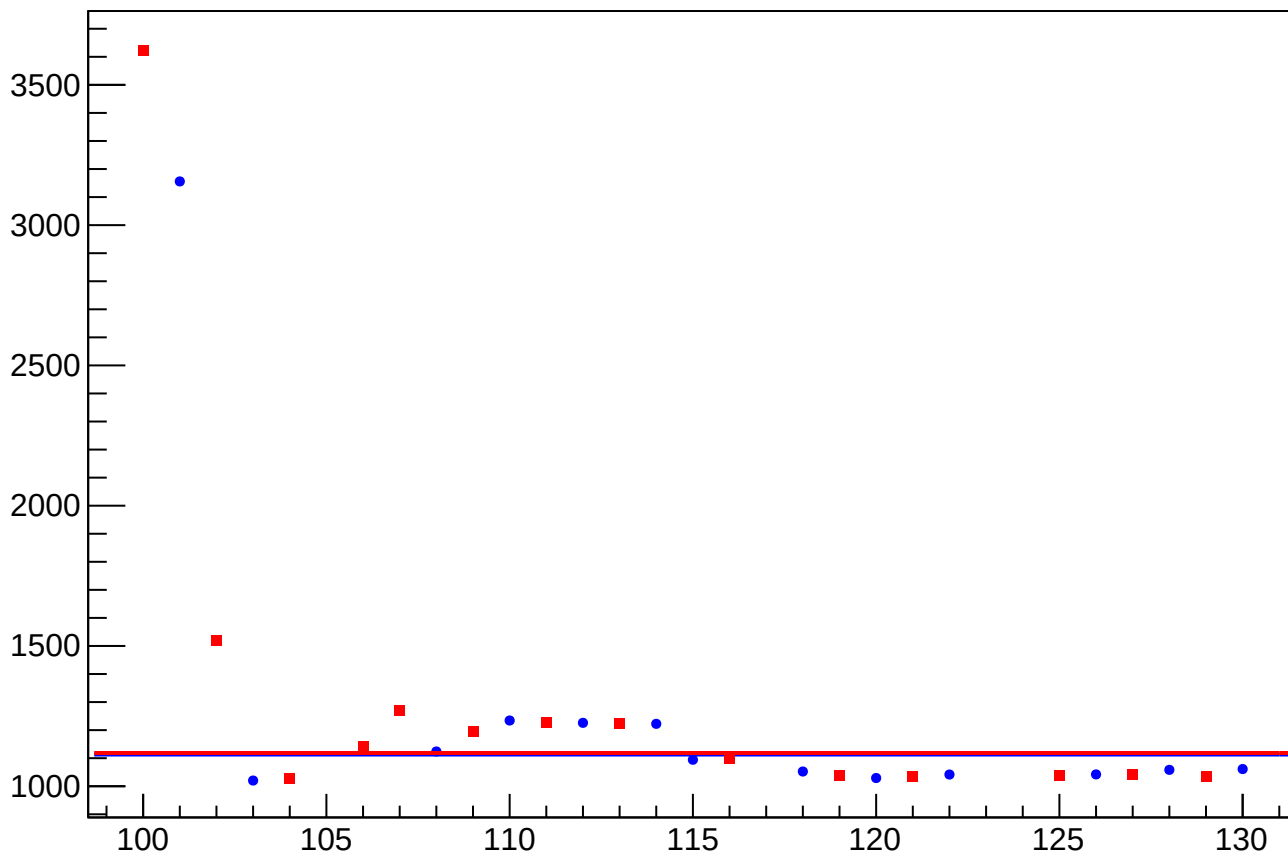
Right: 284.300+/-341.918 χ^2/NDF : 29.1/26

In: 94.408+/-487.390 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 284.300+/-341.918 χ^2/NDF : 29.1/26

reg_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1113.083+/-0.345 χ^2/NDF : 597933.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1118.523+/-0.339 χ^2/NDF : 197524.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

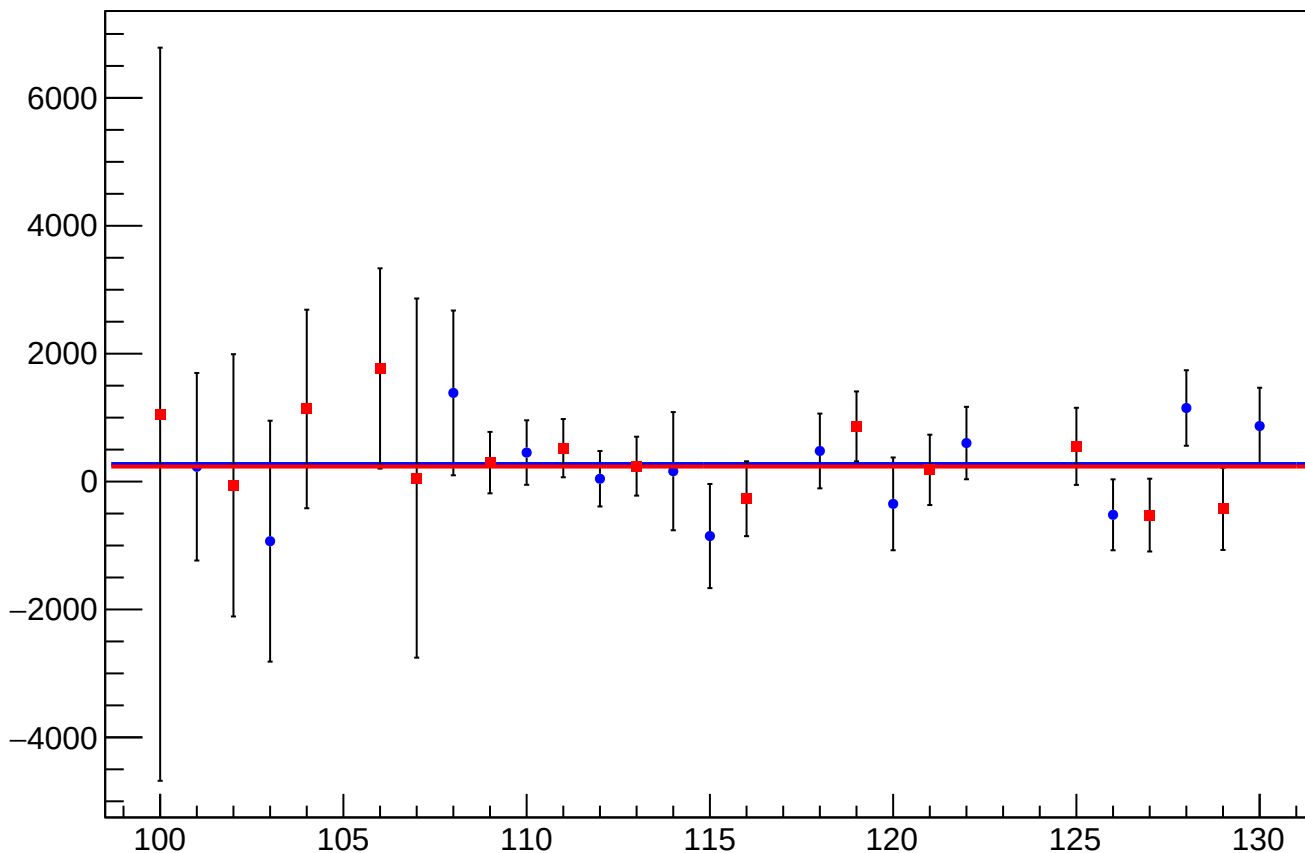
Right: 1115.846+/-0.242 χ^2/NDF : 795584.5/26

In: 1113.083+/-0.345 χ^2/NDF : 597933.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1115.846+/-0.242 χ^2/NDF : 795584.5/26

asym_us_dd_atlr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 273.942 $\pm$ 182.186 χ^2 /NDF: 9.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 234.862 $\pm$ 174.311 χ^2 /NDF: 6.9/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

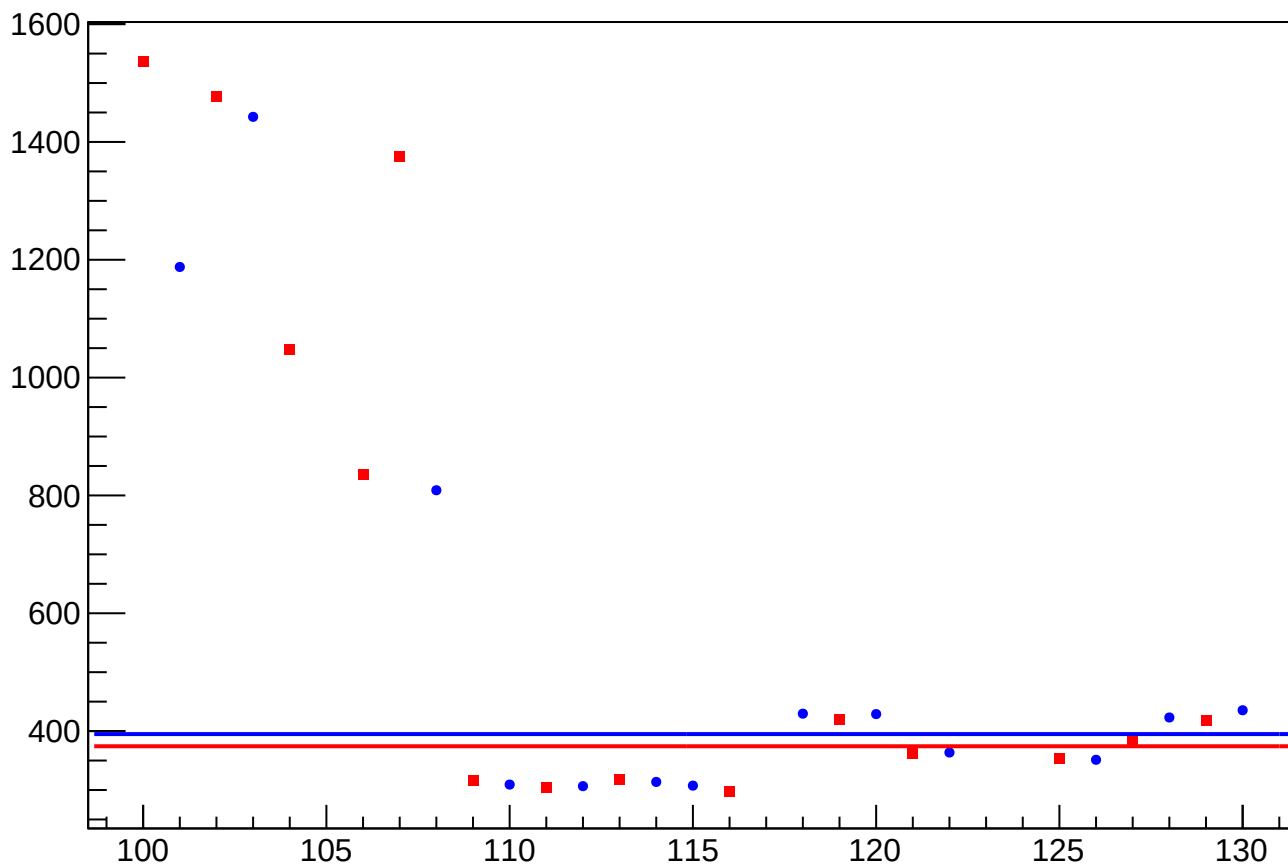
Right: 253.539 $\pm$ 125.948 χ^2 /NDF: 16.9/26

In: 273.942 $\pm$ 182.186 χ^2 /NDF:9.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 253.539 $\pm$ 125.948 χ^2 /NDF: 16.9/26

asym_us_dd_atlr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 394.912+/-0.129 χ^2/NDF : 1632437.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 374.254+/-0.123 χ^2/NDF : 1634905.1/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

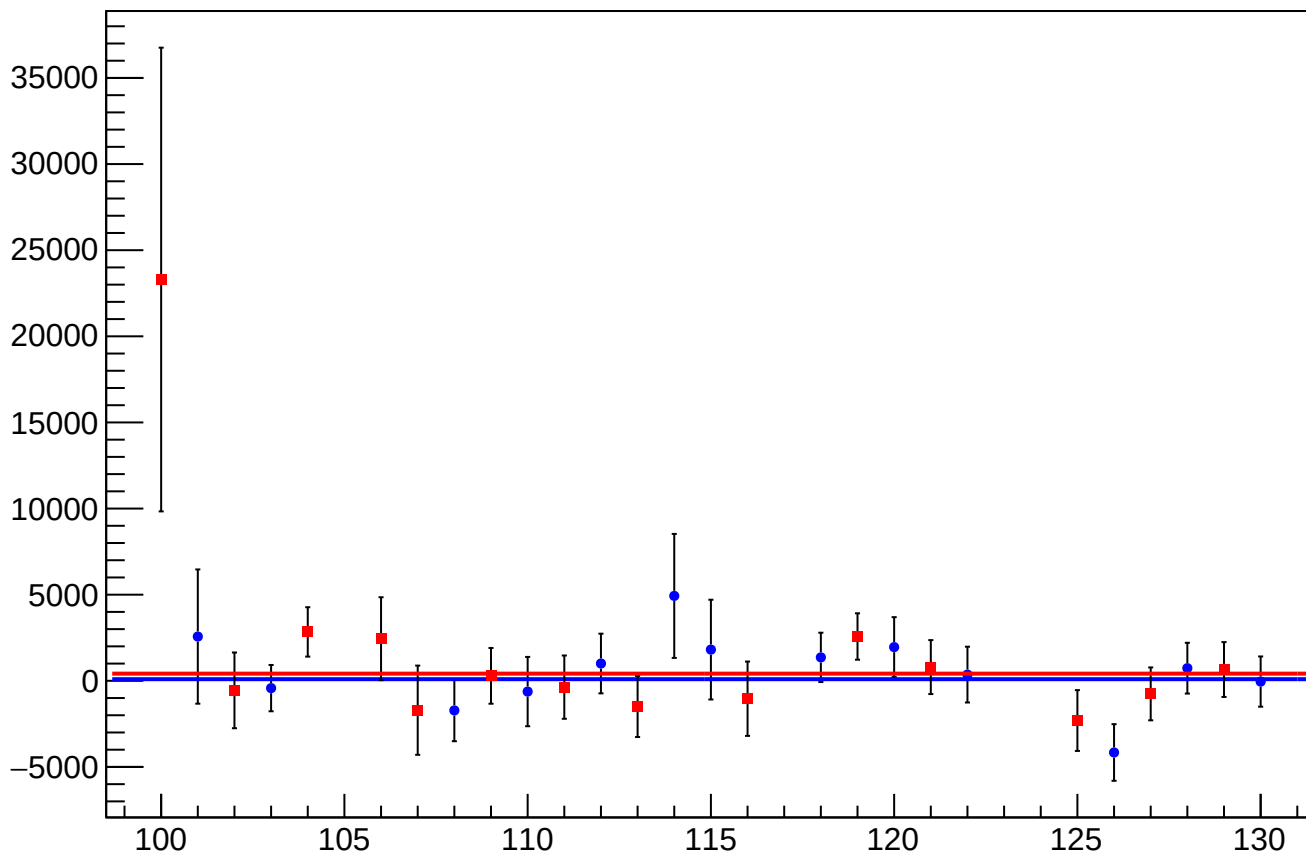
Right: 384.127+/-0.089 χ^2/NDF : 3280768.7/26

In: 394.912+/-0.129 χ^2/NDF :1632437.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 384.127+/-0.089 χ^2/NDF : 3280768.7/26

cor_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 93.932+/-487.390 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 416.400+/-480.587 χ^2/NDF : 14.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

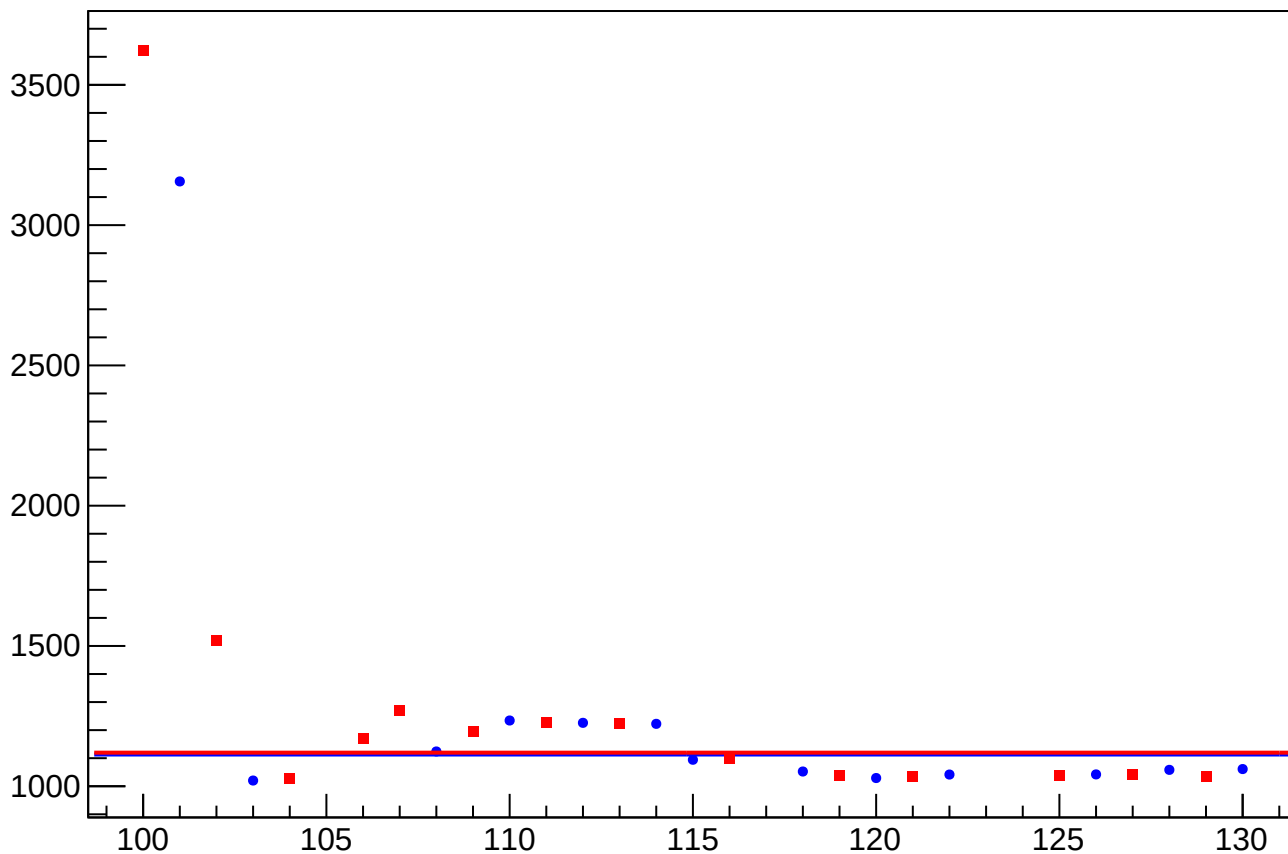
Right: 257.432+/-342.206 χ^2/NDF : 27.9/26

In: 93.932+/-487.390 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 257.432+/-342.206 χ^2/NDF : 27.9/26

cor_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1113.083+/-0.345 χ^2/NDF : 597934.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1119.698+/-0.340 χ^2/NDF : 198310.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

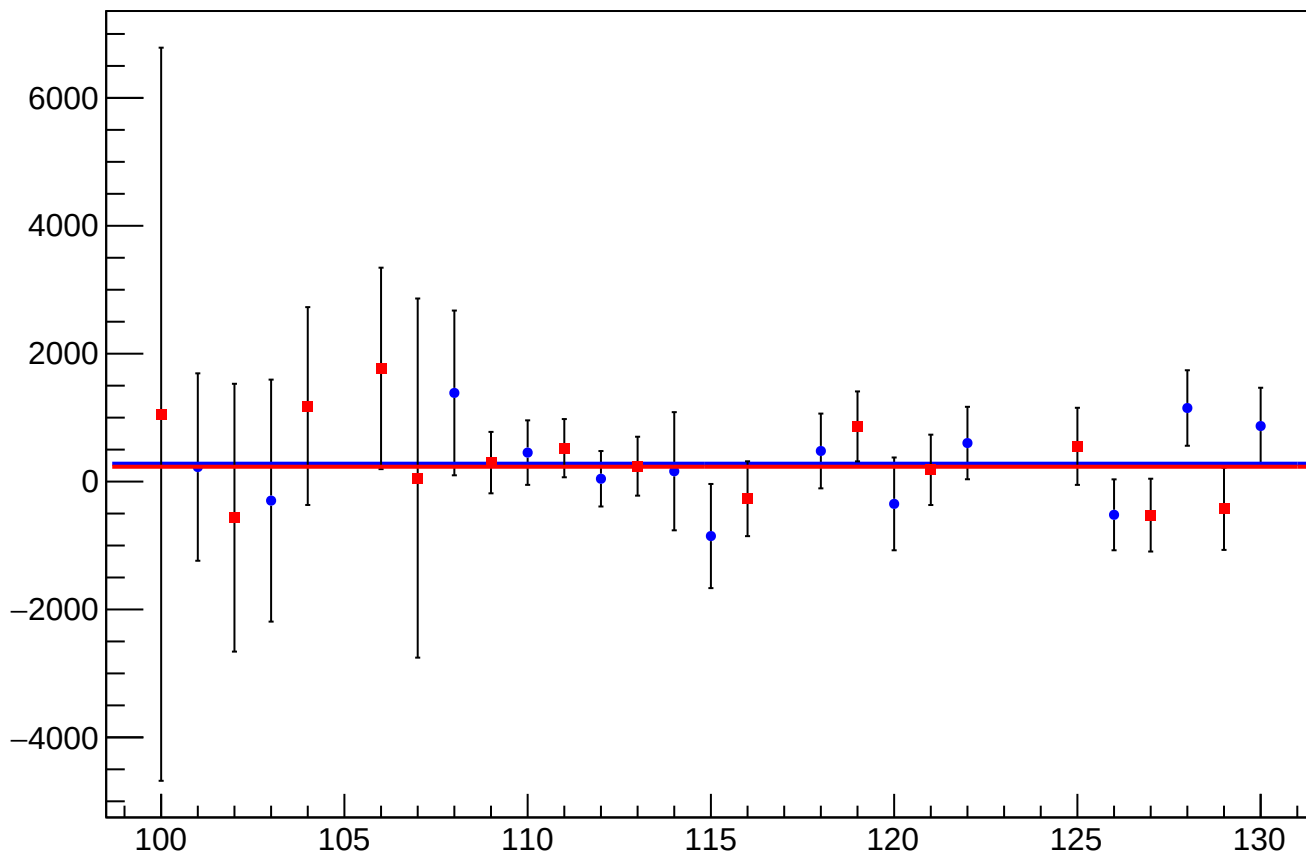
Right: 1116.437+/-0.242 χ^2/NDF : 796432.0/26

In: 1113.083+/-0.345 χ^2/NDF : 597934.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1116.437+/-0.242 χ^2/NDF : 796432.0/26

asym_us_dd_atlr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 279.686+/-182.190 χ^2/NDF : 9.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 231.961+/-174.344 χ^2/NDF : 7.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

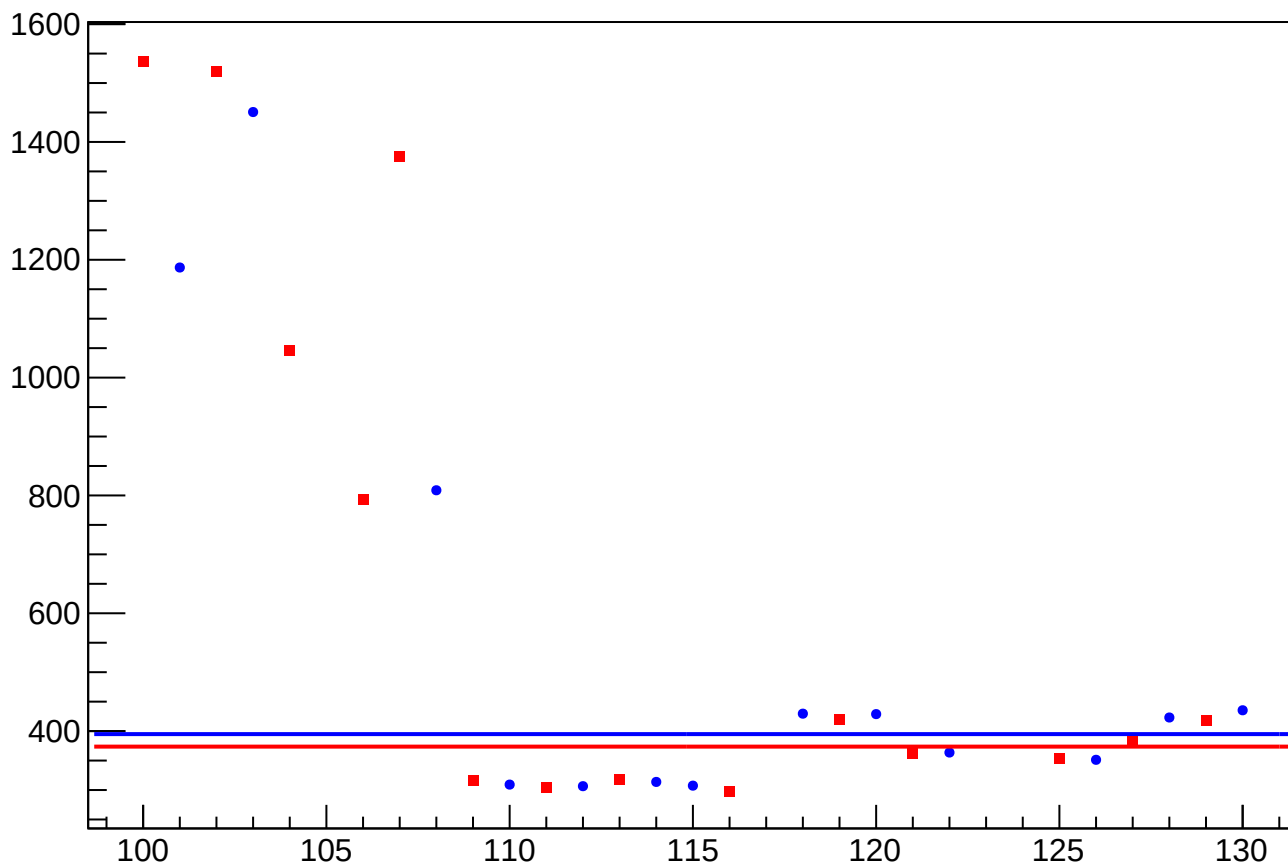
Right: 254.774+/-125.962 χ^2/NDF : 16.7/26

In: 279.686+/-182.190 χ^2/NDF : 9.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 254.774+/-125.962 χ^2/NDF : 16.7/26

asym_us_dd_atlr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 394.903+/-0.129 χ^2/NDF : 1636106.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 373.672+/-0.123 χ^2/NDF : 1622061.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

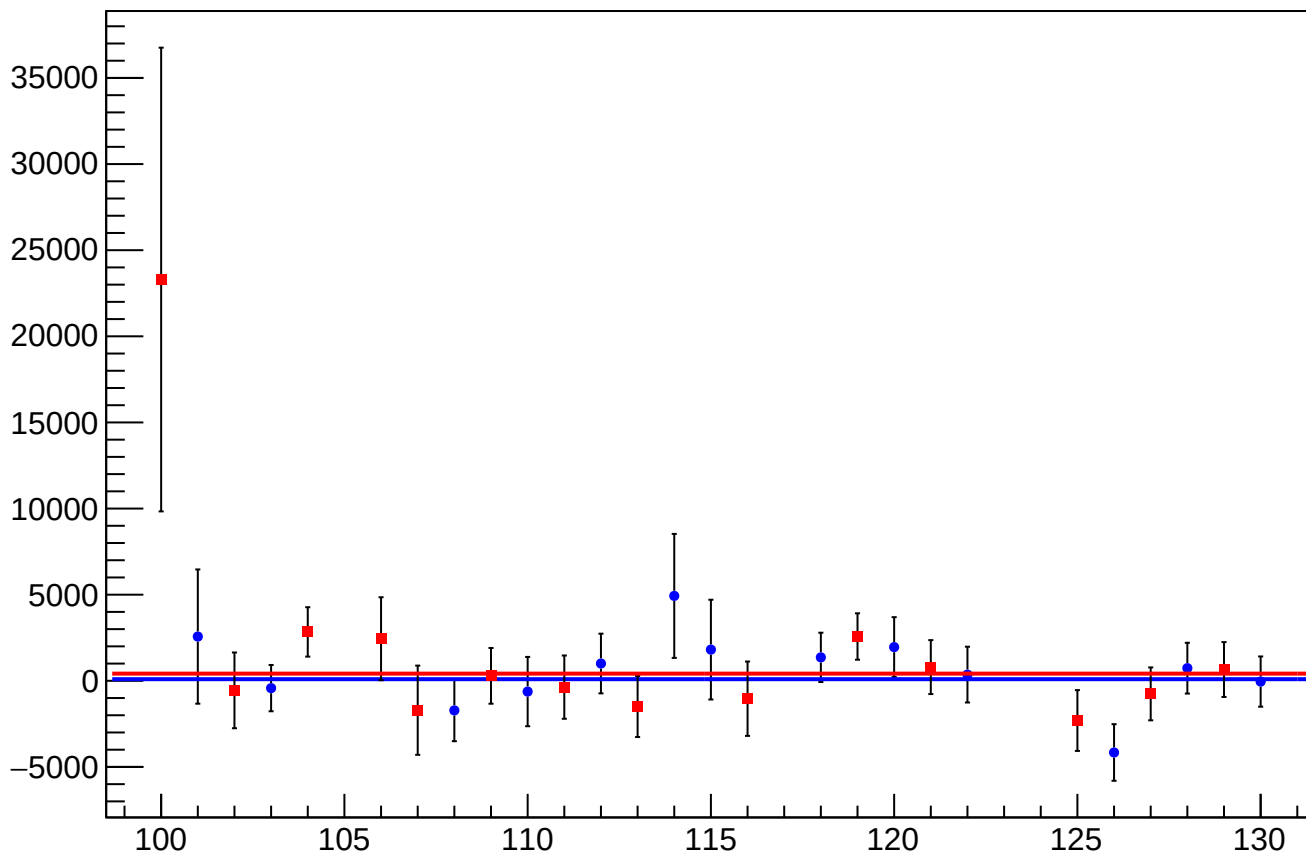
Right: 383.820+/-0.089 χ^2/NDF : 3272344.3/26

In: 394.903+/-0.129 χ^2/NDF : 1636106.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 383.820+/-0.089 χ^2/NDF : 3272344.3/26

eigen_cor_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 93.932+/-487.390 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 416.400+/-480.587 χ^2/NDF : 14.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

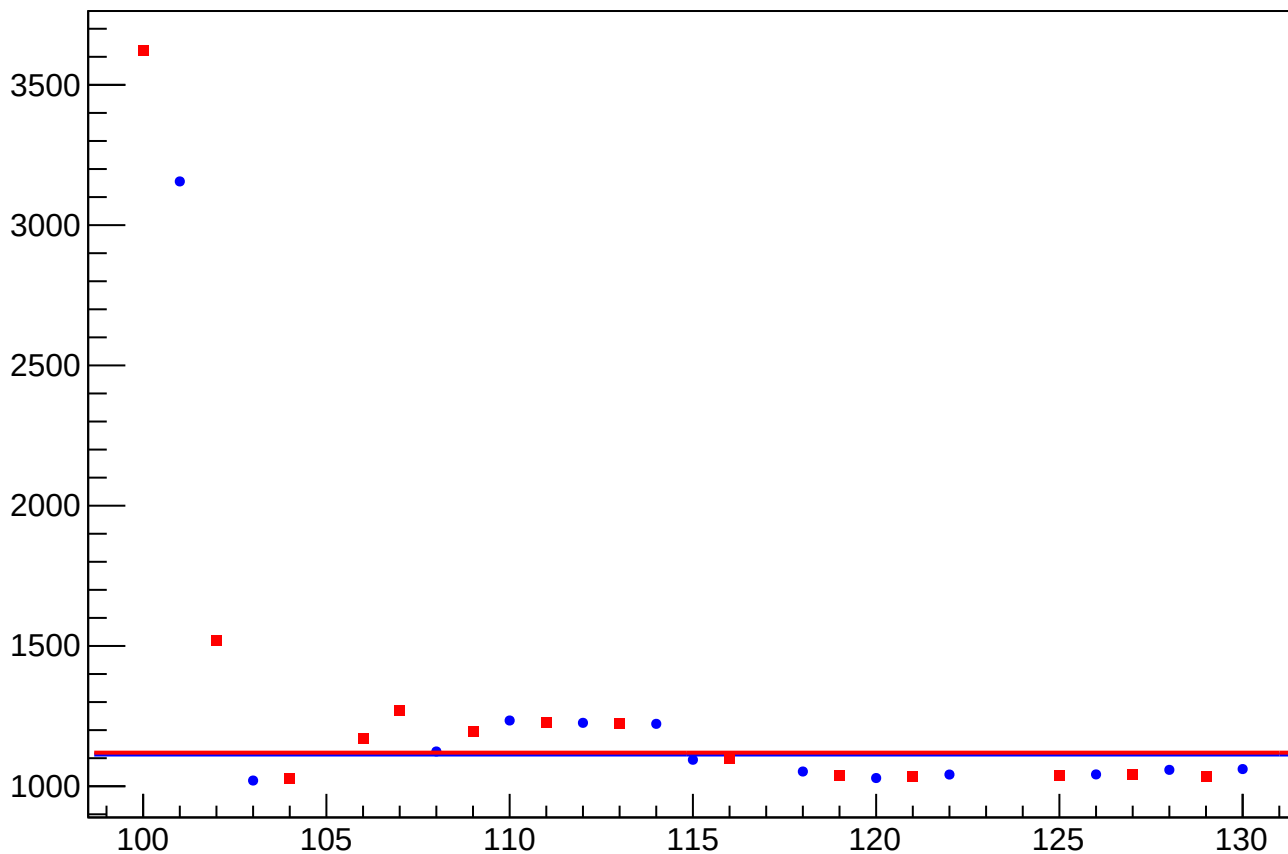
Right: 257.432+/-342.206 χ^2/NDF : 27.9/26

In: 93.932+/-487.390 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 257.432+/-342.206 χ^2/NDF : 27.9/26

eigen_cor_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1113.083+/-0.345 χ^2/NDF : 597934.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1119.698+/-0.340 χ^2/NDF : 198310.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

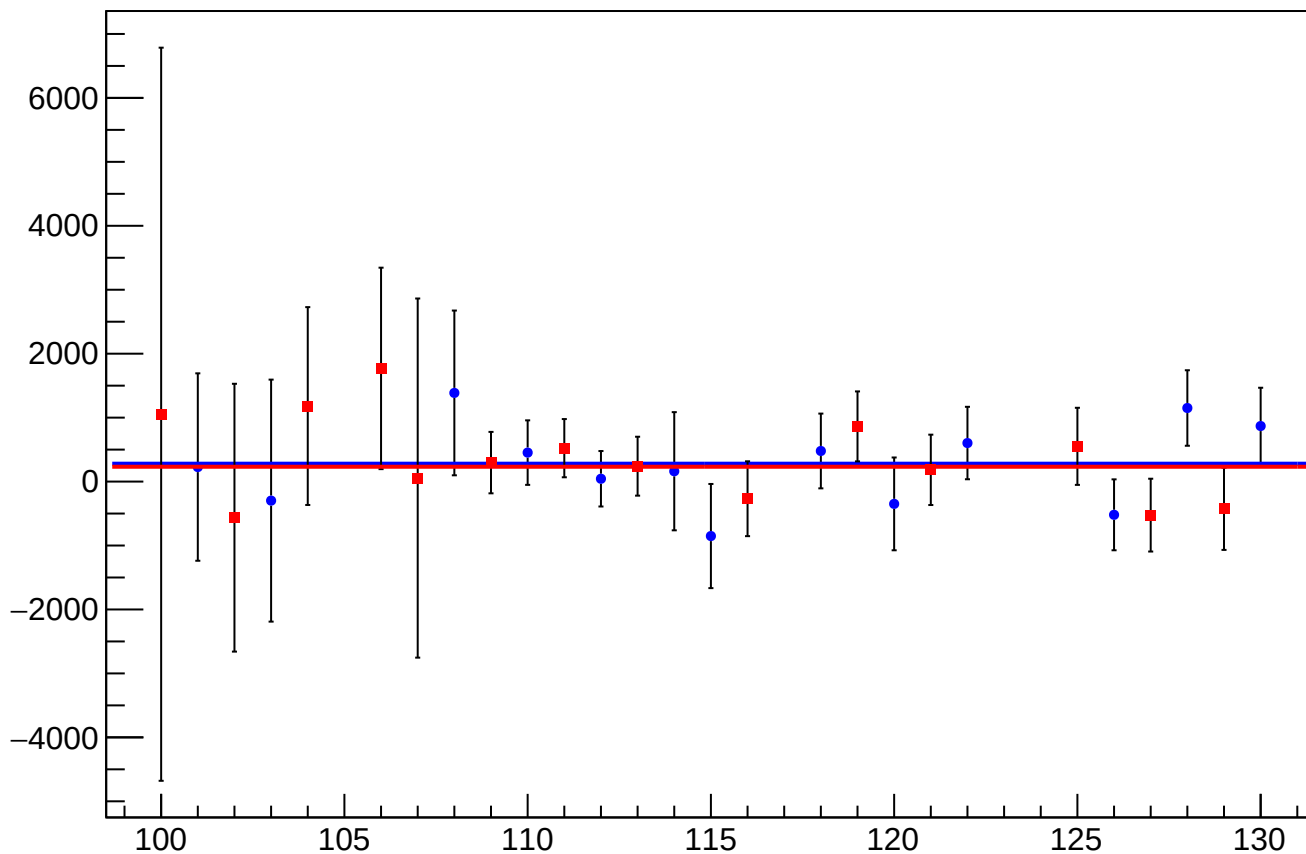
Right: 1116.437+/-0.242 χ^2/NDF : 796432.0/26

In: 1113.083+/-0.345 χ^2/NDF : 597934.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1116.437+/-0.242 χ^2/NDF : 796432.0/26

asym_us_dd_atlr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 279.686+/-182.190 χ^2/NDF : 9.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 231.961+/-174.344 χ^2/NDF : 7.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

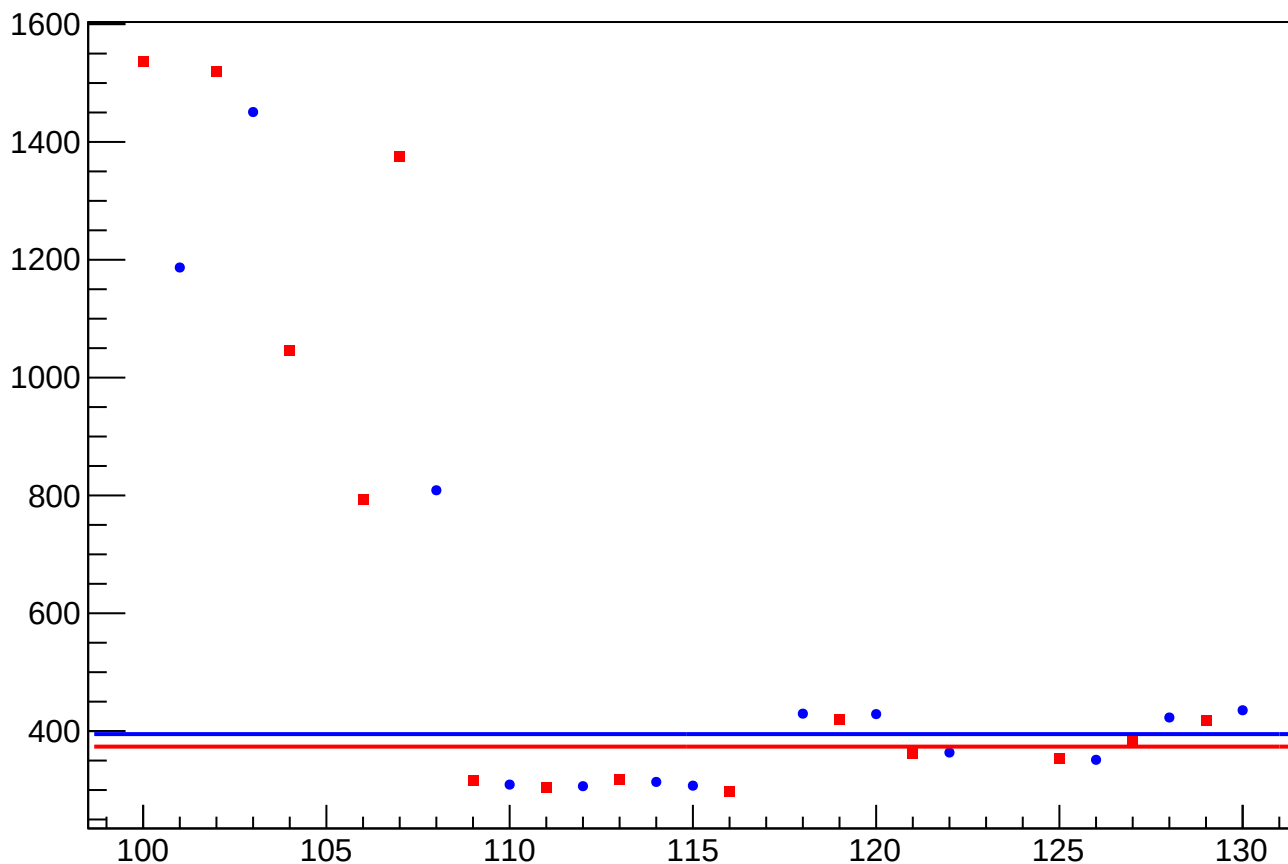
Right: 254.774+/-125.962 χ^2/NDF : 16.7/26

In: 279.686+/-182.190 χ^2/NDF : 9.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 254.774+/-125.962 χ^2/NDF : 16.7/26

asym_us_dd_atlr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 394.903+/-0.129 χ^2/NDF : 1636106.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 373.672+/-0.123 χ^2/NDF : 1622061.4/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

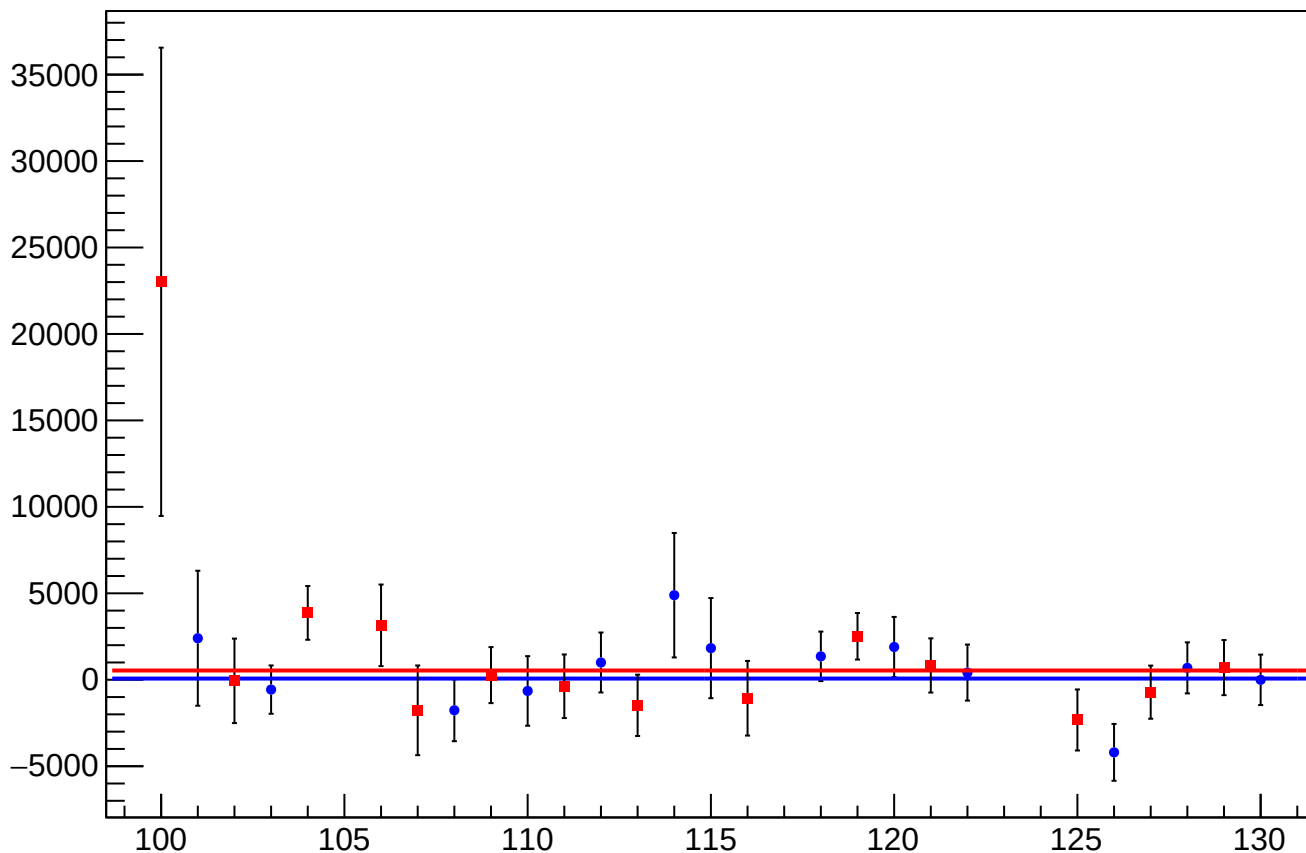
Right: 383.820+/-0.089 χ^2/NDF : 3272344.3/26

In: 394.903+/-0.129 χ^2/NDF :1636106.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 383.820+/-0.089 χ^2/NDF : 3272344.3/26

dit_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 69.728+/-490.191 χ^2 /NDF: 13.1/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 535.869+/-486.741 χ^2 /NDF: 17.0/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

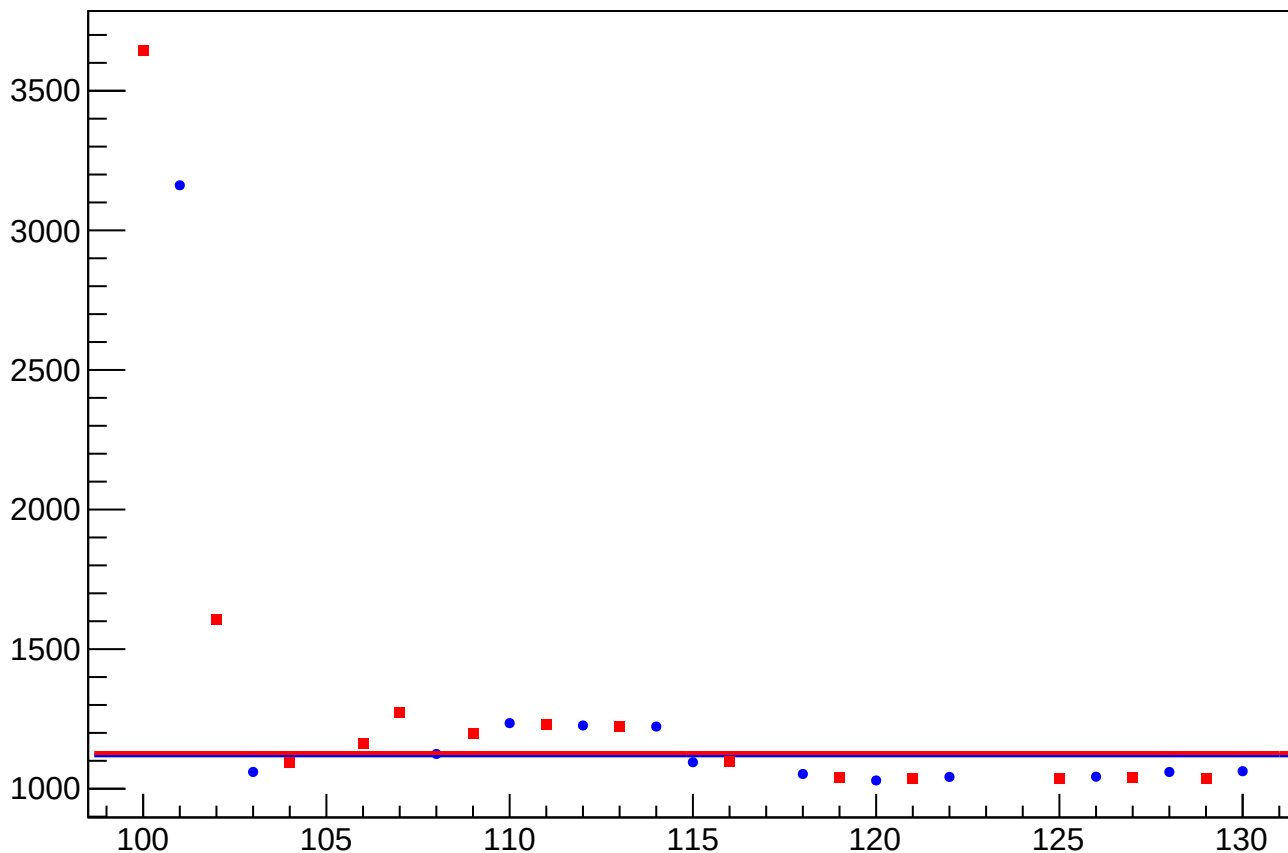
Right: 304.445+/-345.391 χ^2 /NDF: 30.5/26

In: 69.728+/-490.191 χ^2 /NDF:13.1/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 304.445+/-345.391 χ^2 /NDF: 30.5/26

dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1119.637+/-0.347 χ^2/NDF : 591567.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1127.965+/-0.344 χ^2/NDF : 203163.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

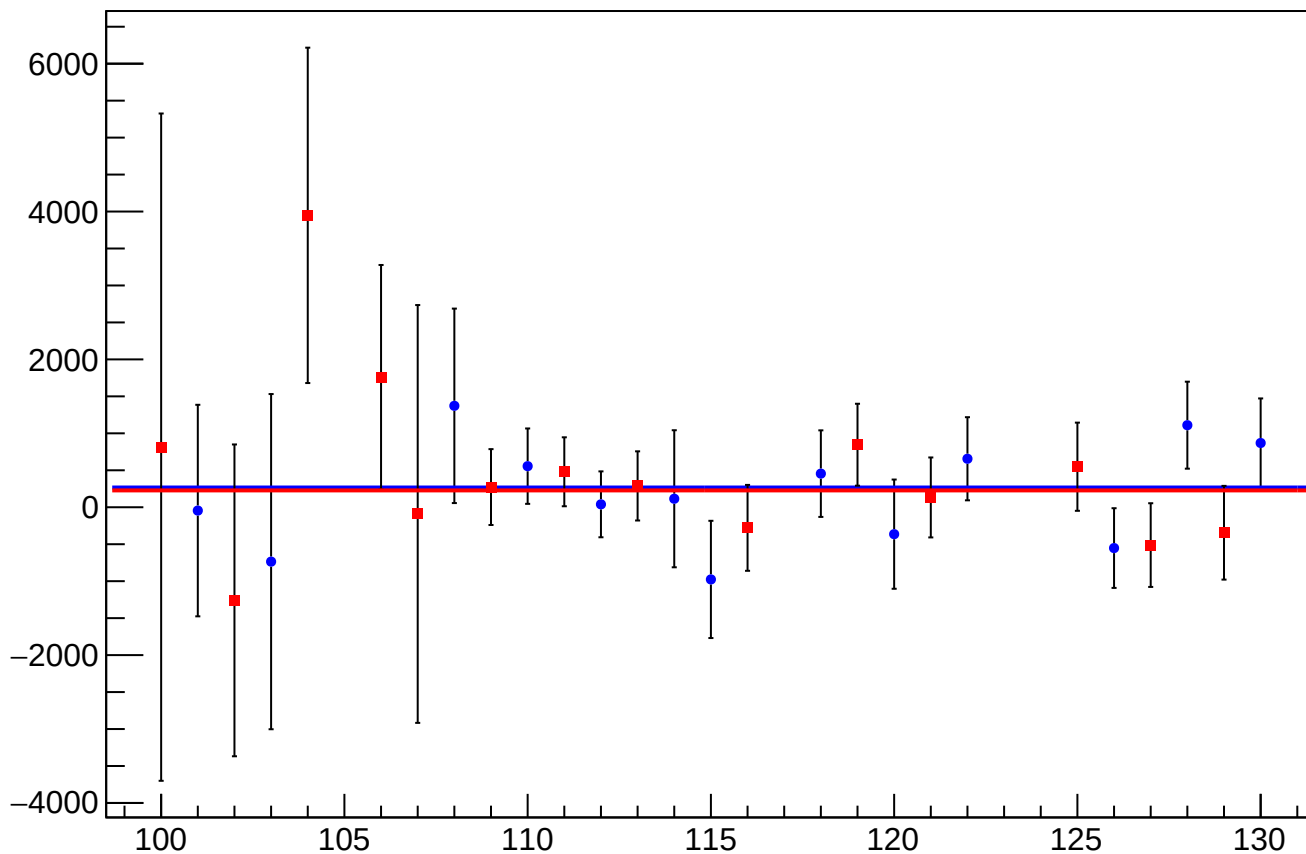
Right: 1123.830+/-0.244 χ^2/NDF : 795021.6/26

In: 1119.637+/-0.347 χ^2/NDF : 591567.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1123.830+/-0.244 χ^2/NDF : 795021.6/26

asym_us_dd_atlr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 266.901+/-182.898 χ^2/NDF : 10.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 227.945+/-176.631 χ^2/NDF : 9.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

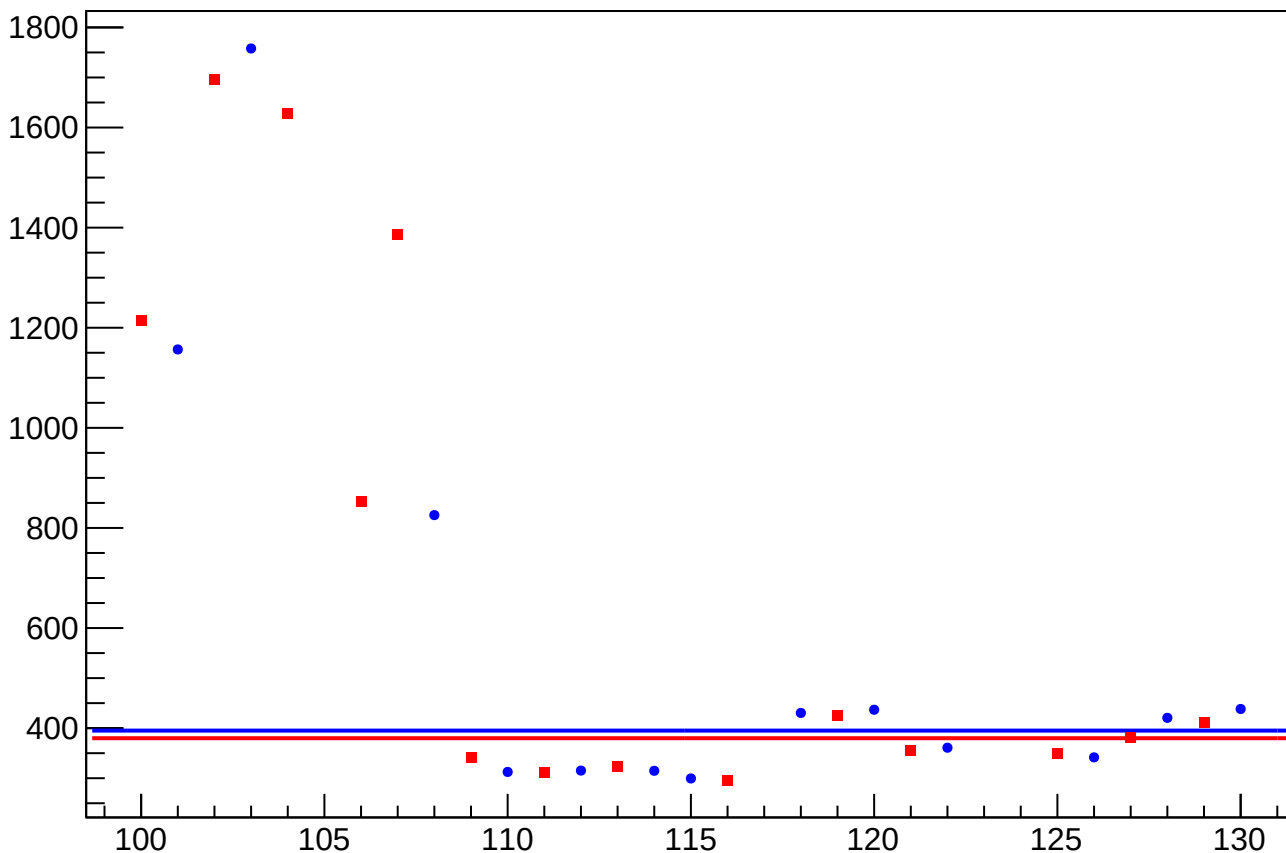
Right: 246.744+/-127.055 χ^2/NDF : 20.1/26

In: 266.901+/-182.898 χ^2/NDF : 10.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 246.744+/-127.055 χ^2/NDF : 20.1/26

asym_us_dd_atlr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 395.141+/-0.129 χ^2/NDF : 1719234.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 379.921+/-0.125 χ^2/NDF : 2052781.4/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

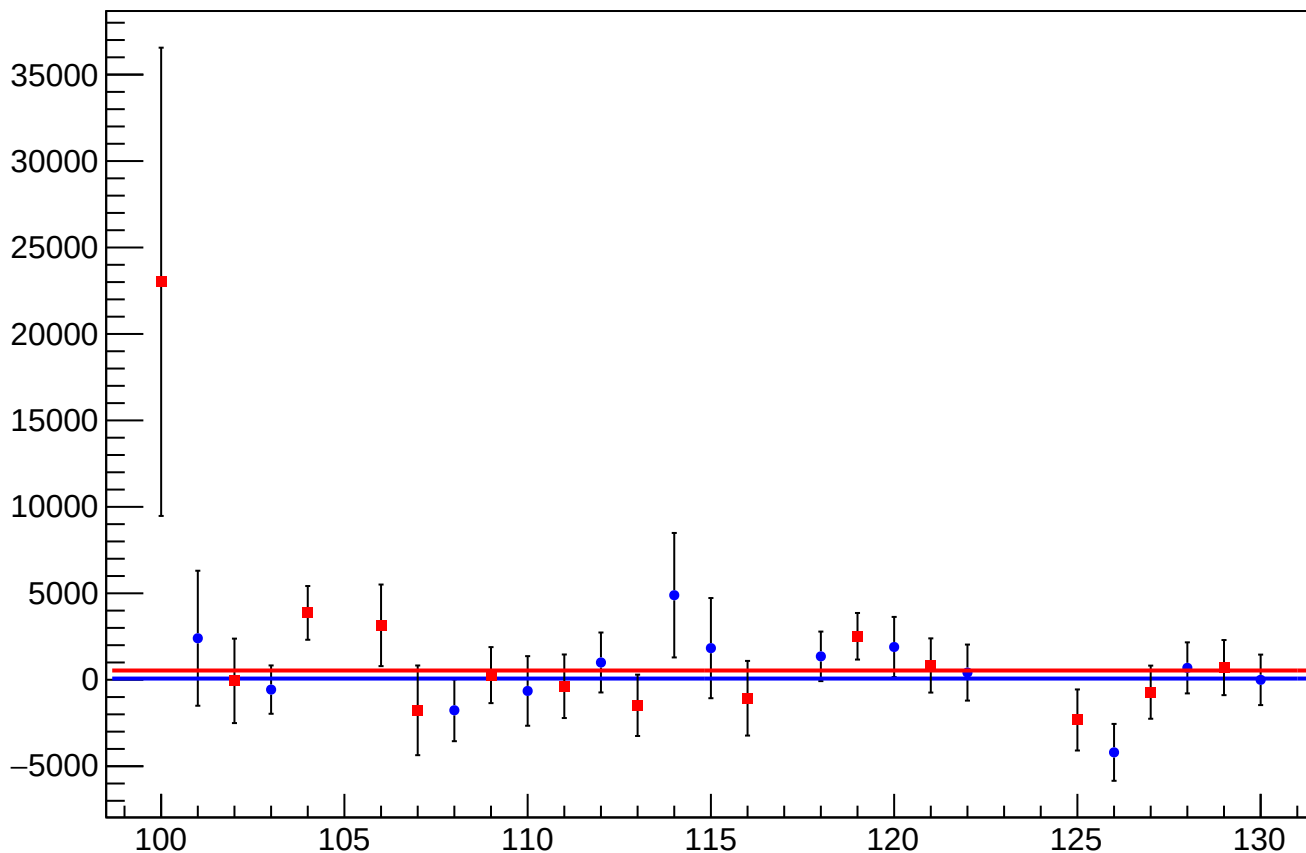
Right: 387.266+/-0.090 χ^2/NDF : 3779182.3/26

In: 395.141+/-0.129 χ^2/NDF :1719234.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 387.266+/-0.090 χ^2/NDF : 3779182.3/26

eigen_dit_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 69.725+/-490.191 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 535.869+/-486.741 χ^2/NDF : 17.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

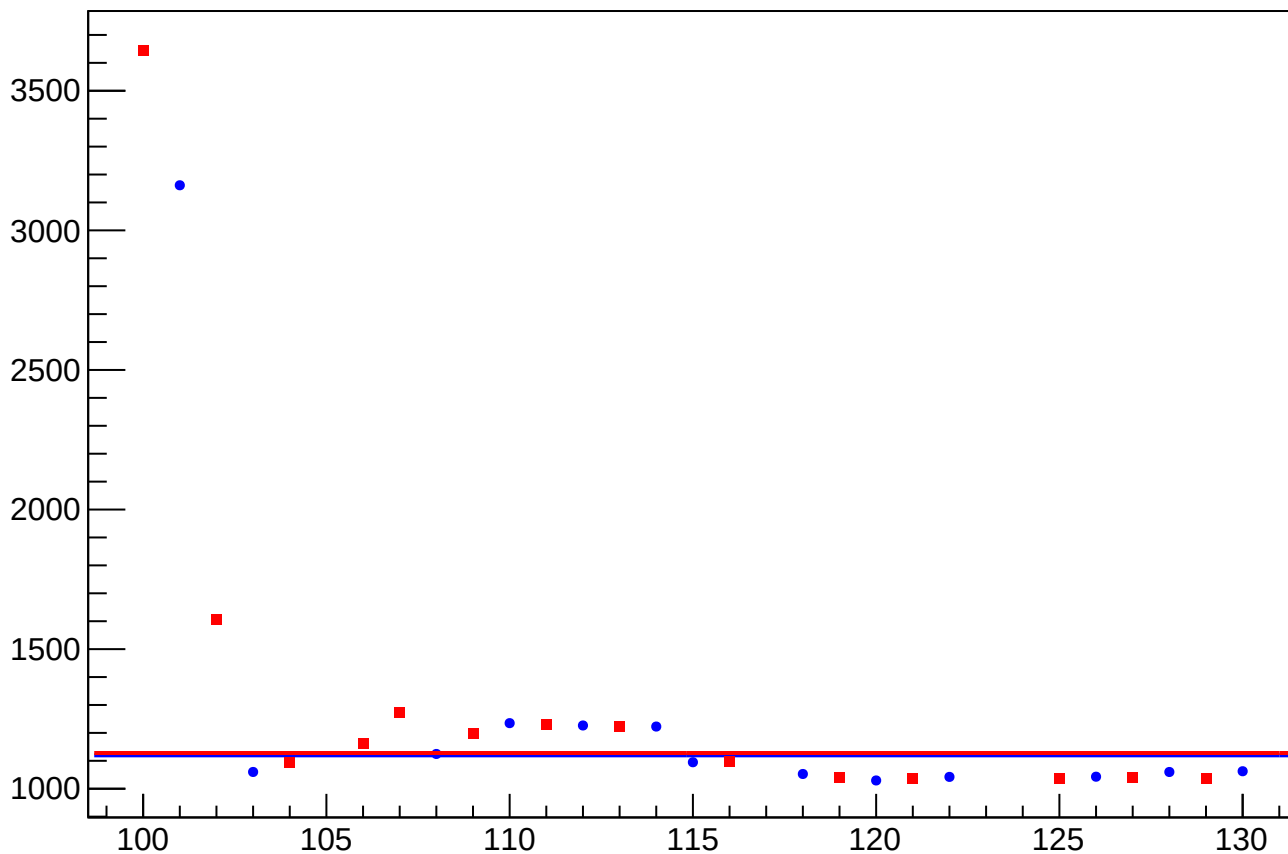
Right: 304.443+/-345.391 χ^2/NDF : 30.5/26

In: 69.725+/-490.191 χ^2/NDF : 13.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 304.443+/-345.391 χ^2/NDF : 30.5/26

eigen_dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1119.637+/-0.347 χ^2/NDF : 591567.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1127.965+/-0.344 χ^2/NDF : 203163.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

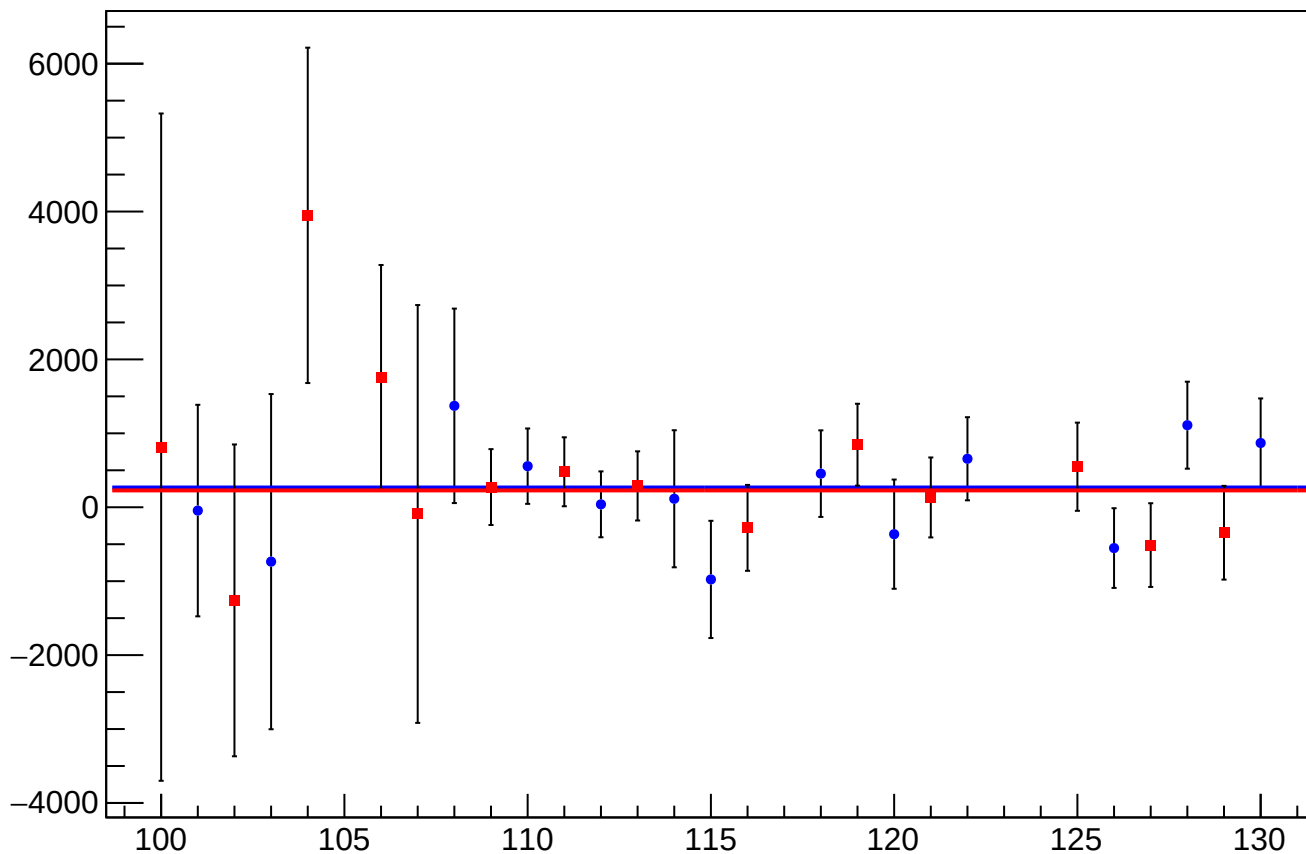
Right: 1123.830+/-0.244 χ^2/NDF : 795021.7/26

In: 1119.637+/-0.347 χ^2/NDF : 591567.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1123.830+/-0.244 χ^2/NDF : 795021.7/26

asym_us_dd_atlr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 266.897+/-182.898 χ^2/NDF : 10.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 227.944+/-176.630 χ^2/NDF : 9.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

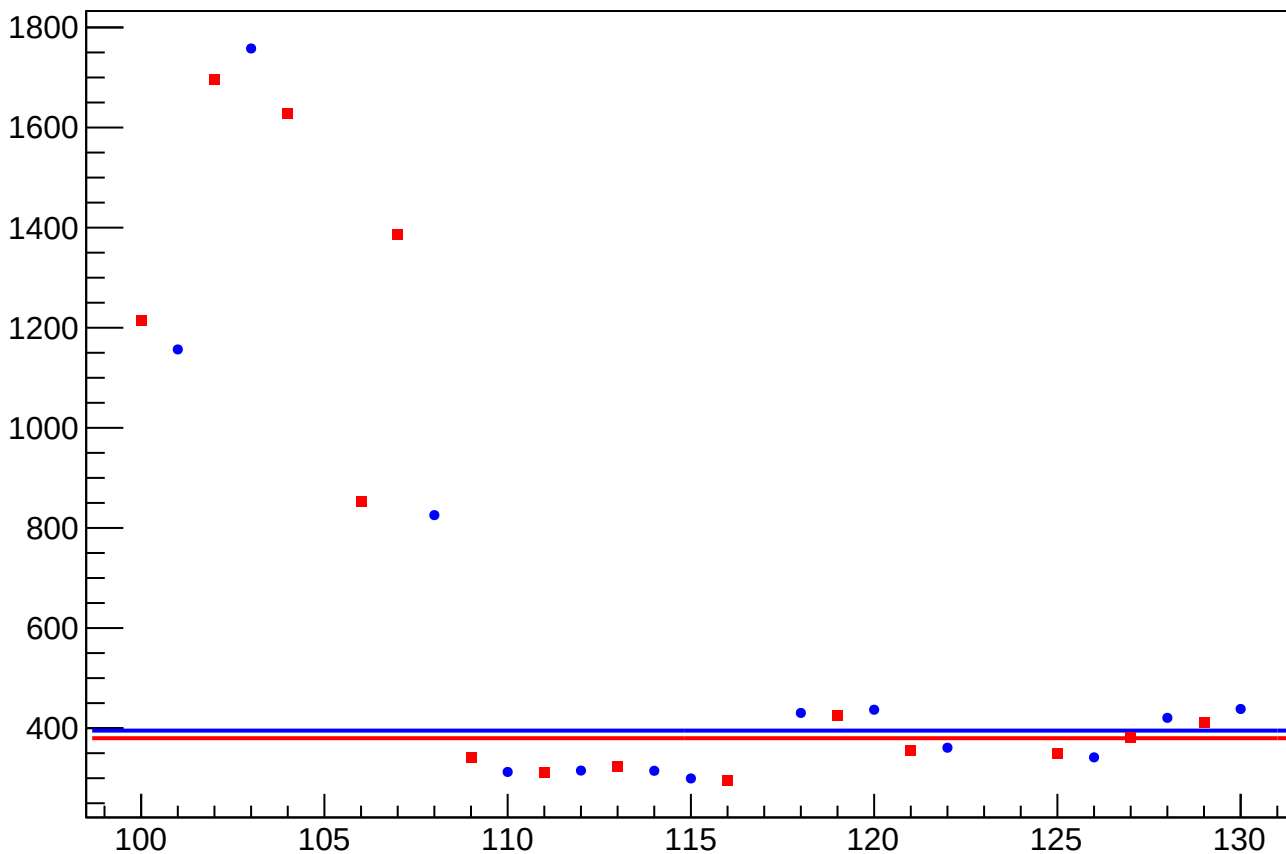
Right: 246.741+/-127.054 χ^2/NDF : 20.1/26

In: 266.897+/-182.898 χ^2/NDF : 10.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 246.741+/-127.054 χ^2/NDF : 20.1/26

asym_us_dd_atlr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 395.139+/-0.129 χ^2/NDF : 1719235.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 379.918+/-0.125 χ^2/NDF : 2052792.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

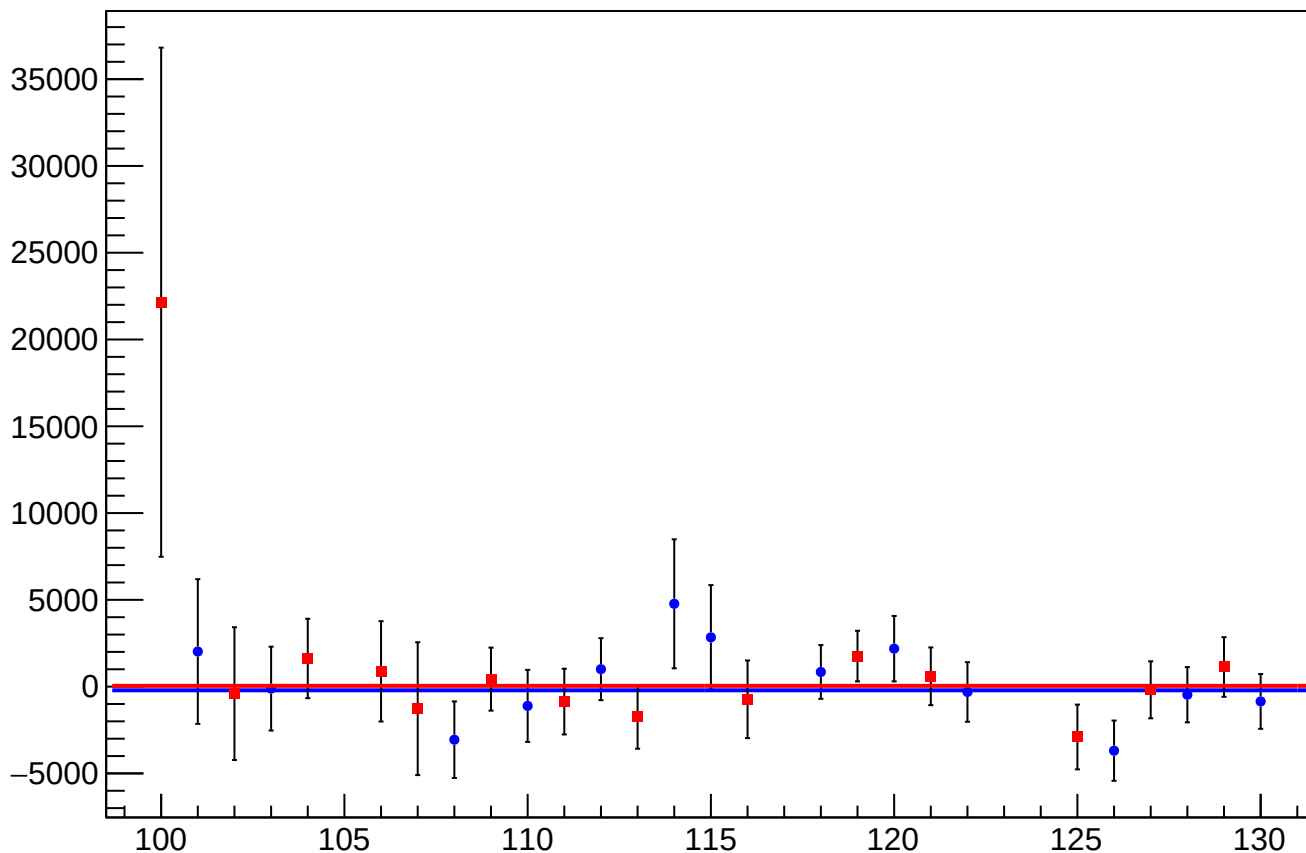
Right: 387.263+/-0.090 χ^2/NDF : 3779194.4/26

In: 395.139+/-0.129 χ^2/NDF : 1719235.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 387.263+/-0.090 χ^2/NDF : 3779194.4/26

asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: -211.590+/-548.047 χ^2 /NDF: 11.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 45.353+/-545.472 χ^2 /NDF: 8.7/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

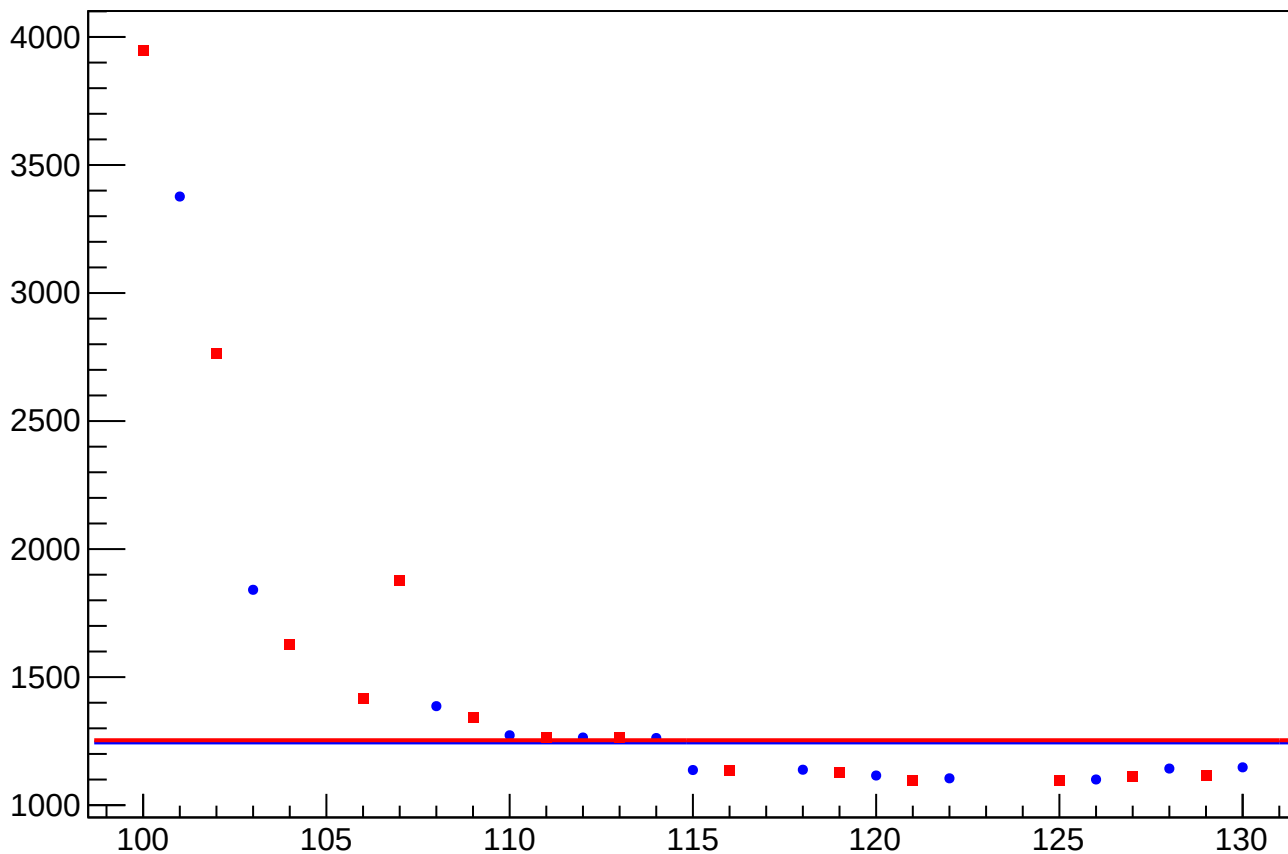
Right: -82.514+/-386.614 χ^2 /NDF: 20.6/26

In: -211.590+/-548.047 χ^2 /NDF:11.7/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -82.514+/-386.614 χ^2 /NDF: 20.6/26

asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1244.960+/-0.388 χ^2/NDF : 718160.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1253.495+/-0.386 χ^2/NDF : 577317.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

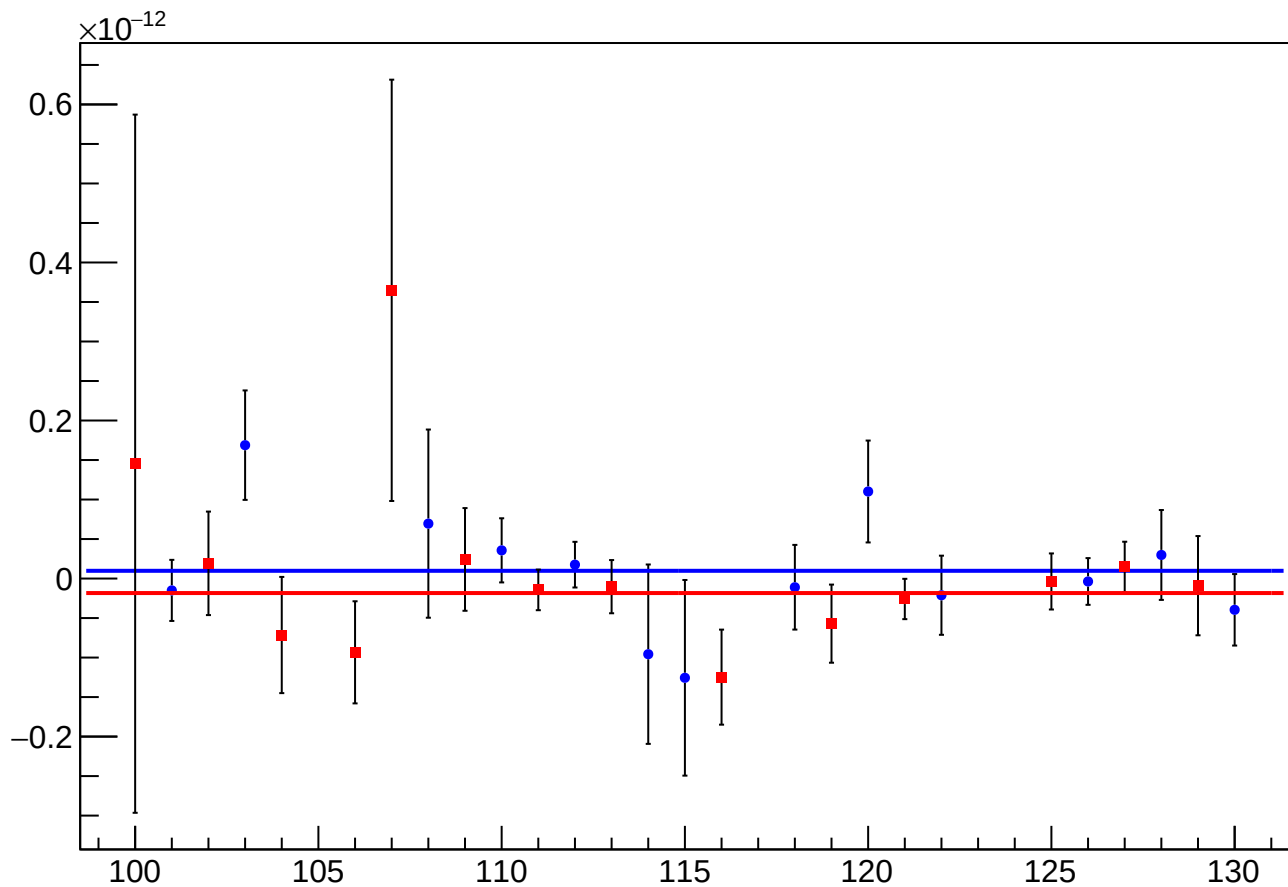
Right: 1249.247+/-0.273 χ^2/NDF : 1295721.7/26

In: 1244.960+/-0.388 χ^2/NDF : 718160.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1249.247+/-0.273 χ^2/NDF : 1295721.7/26

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

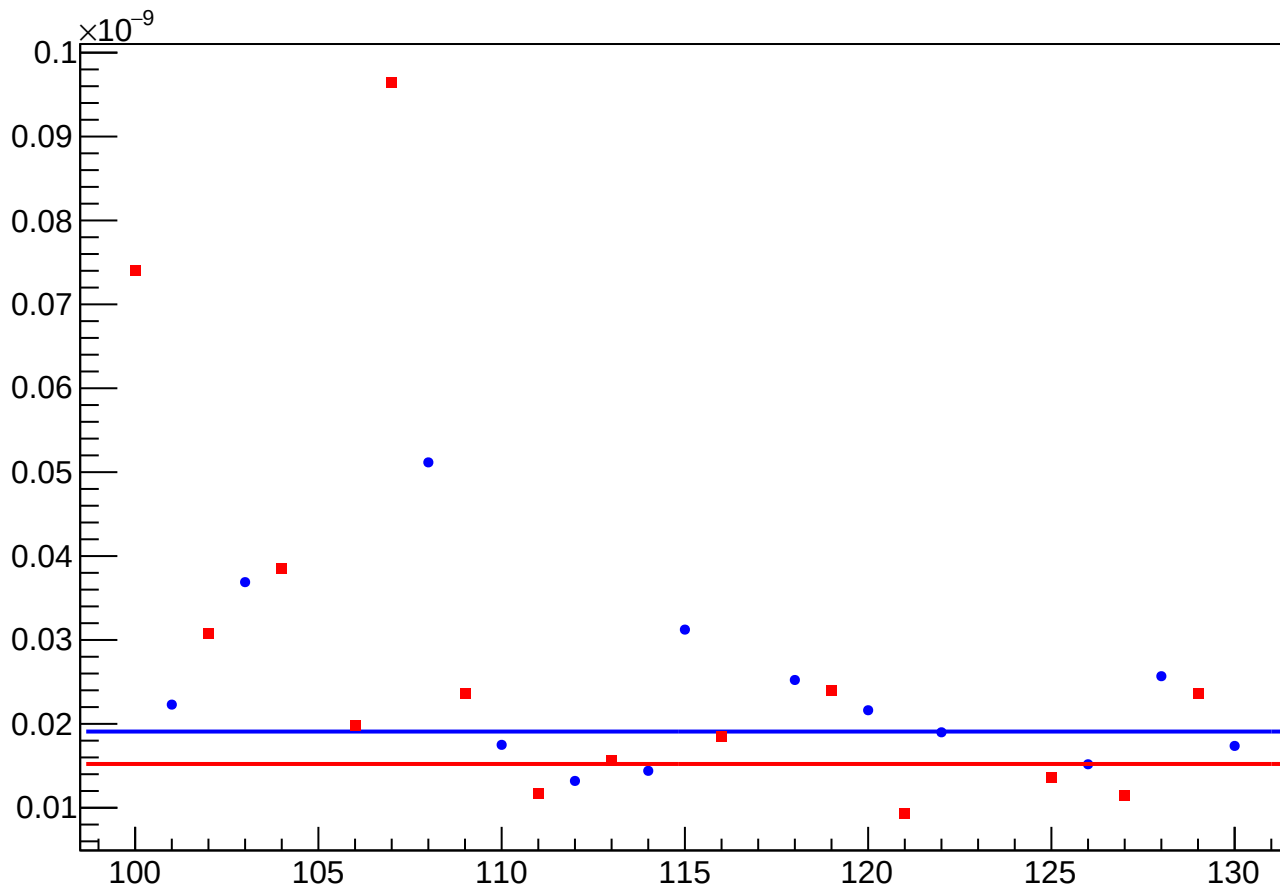
Right: -0.000+/-0.000 χ^2/NDF : 25.6/26

In: 0.000+/-0.000 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.6/26

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 493817.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 862115.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

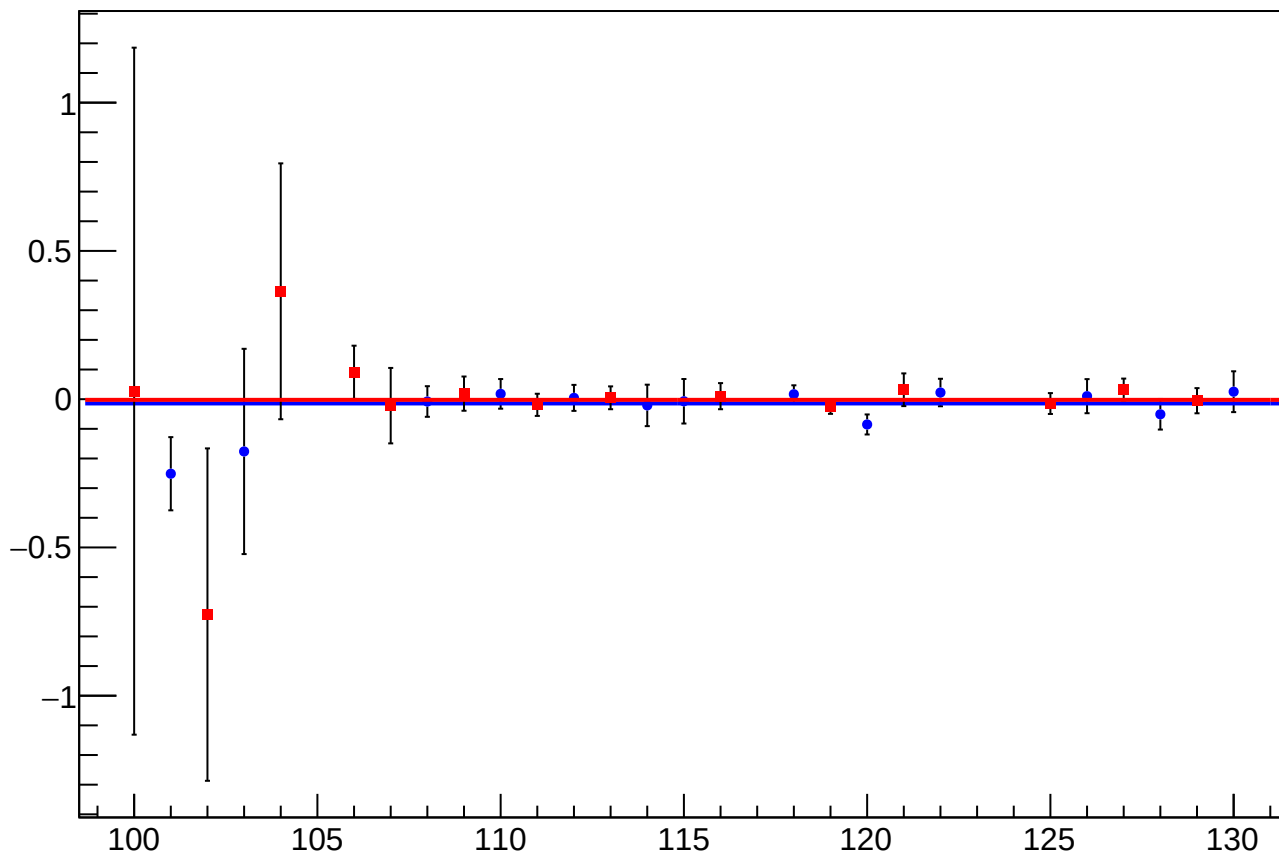
Right: 0.000+/-0.000 χ^2/NDF : 1454181.0/26

In: 0.000+/-0.000 χ^2/NDF : 493817.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1454181.0/26

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014 ± 0.014 χ^2/NDF : 11.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.002 ± 0.012 χ^2/NDF : 6.3/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

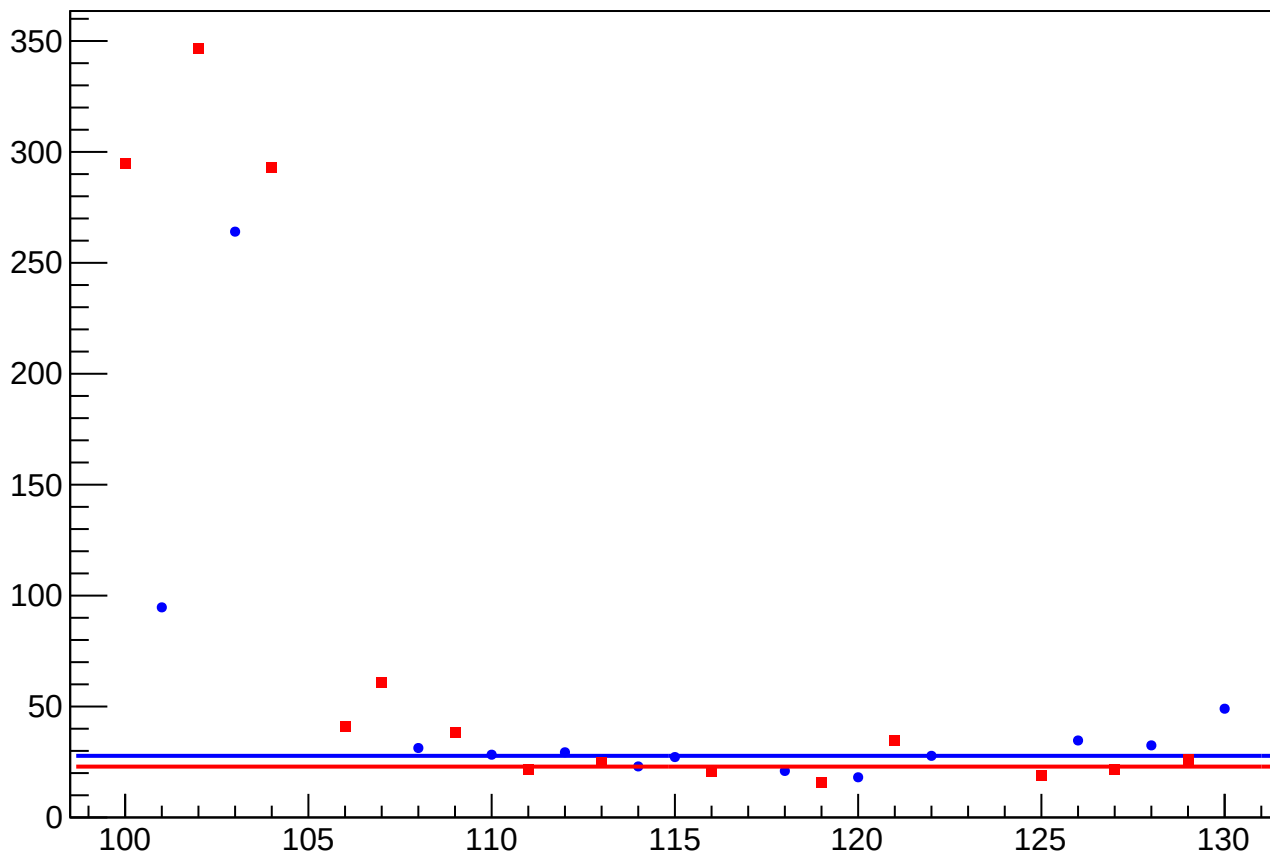
Right: -0.008 ± 0.009 χ^2/NDF : 18.4/26

In: -0.014 ± 0.014 χ^2/NDF : 11.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.008 ± 0.009 χ^2/NDF : 18.4/26

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.773+/-0.010 χ^2/NDF : 2044724.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.921+/-0.009 χ^2/NDF : 2295666.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

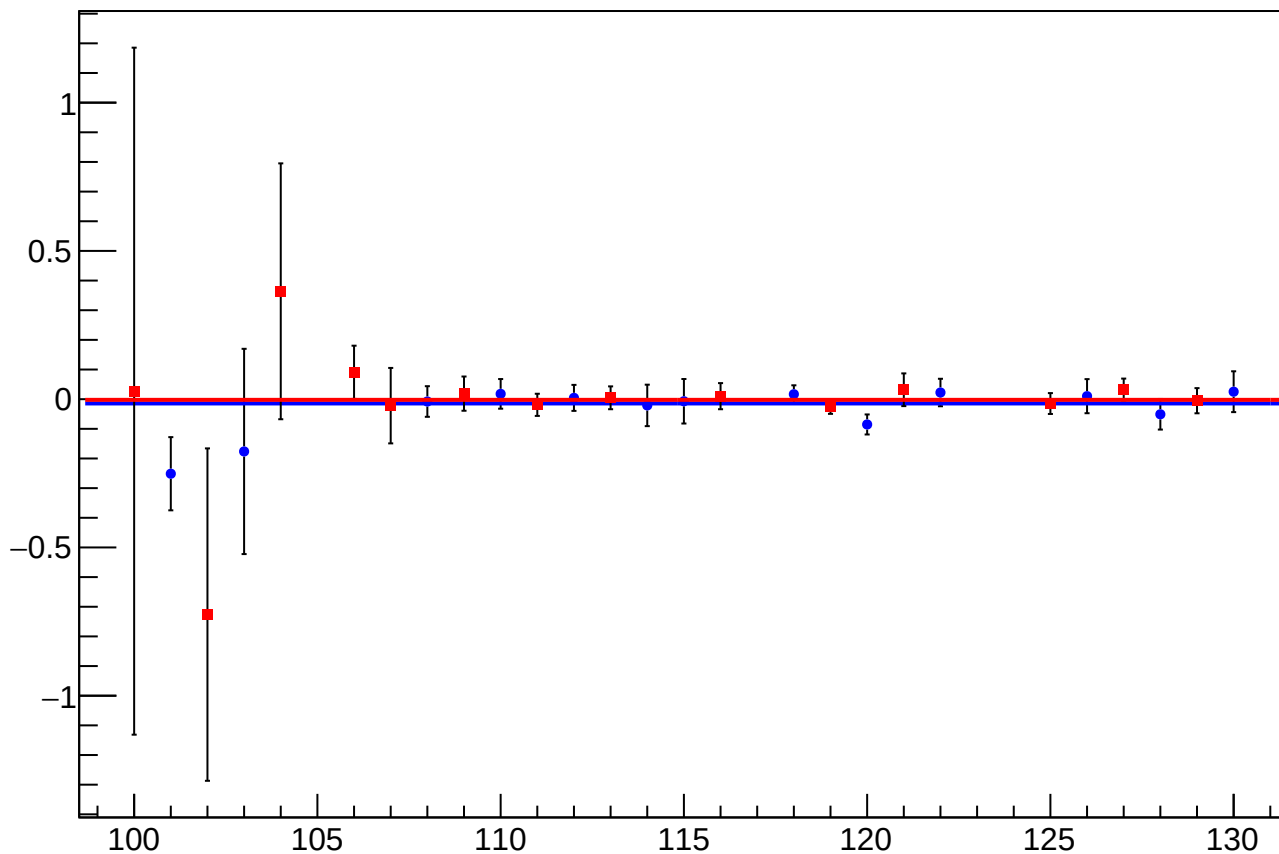
Right: 25.040+/-0.007 χ^2/NDF : 4475370.3/26

In: 27.773+/-0.010 χ^2/NDF : 2044724.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.040+/-0.007 χ^2/NDF : 4475370.3/26

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014+/-0.014 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.002+/-0.012 χ^2/NDF : 6.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

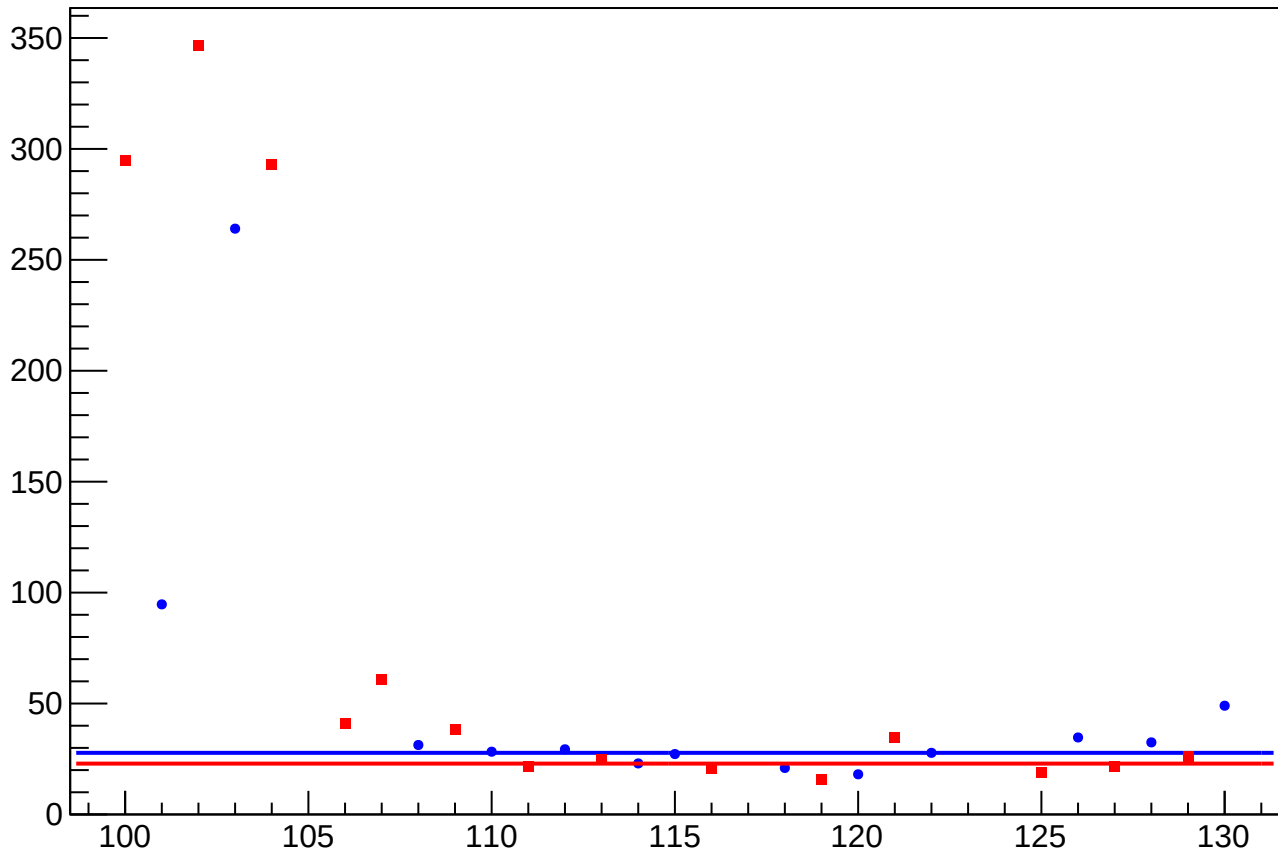
Right: -0.008+/-0.009 χ^2/NDF : 18.4/26

In: -0.014+/-0.014 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.009 χ^2/NDF : 18.4/26

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.773+/-0.010 χ^2/NDF : 2044724.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 22.921+/-0.009 χ^2/NDF : 2295666.4/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

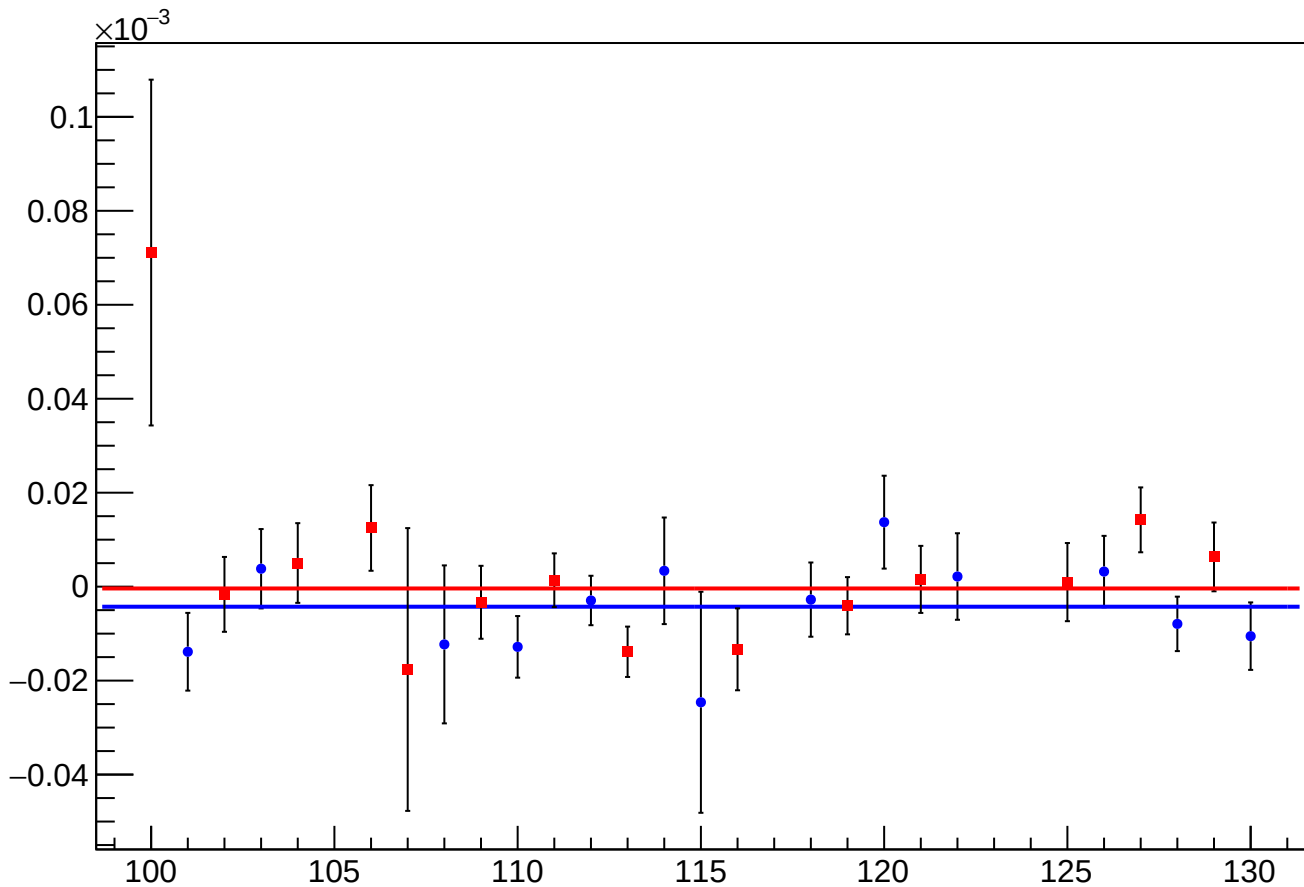
Right: 25.040+/-0.007 χ^2/NDF : 4475370.3/26

In: 27.773+/-0.010 χ^2/NDF :2044724.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 25.040+/-0.007 χ^2/NDF : 4475370.3/26

asym_us_dd_atlr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

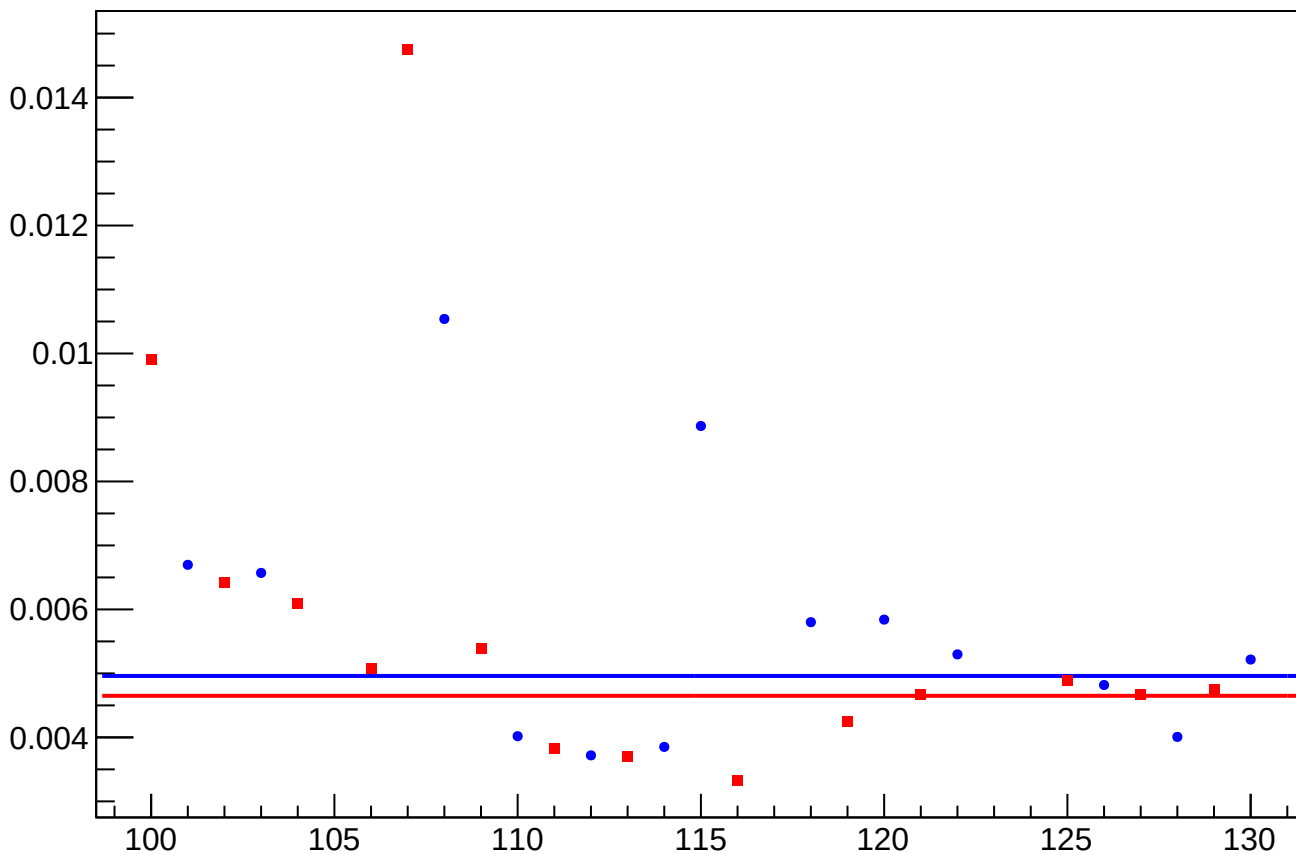
Right: -0.000+/-0.000 χ^2/NDF : 34.2/26

In: -0.000+/-0.000 χ^2/NDF : 11.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 34.2/26

asym_us_dd_atlr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 706370.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 607599.0/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

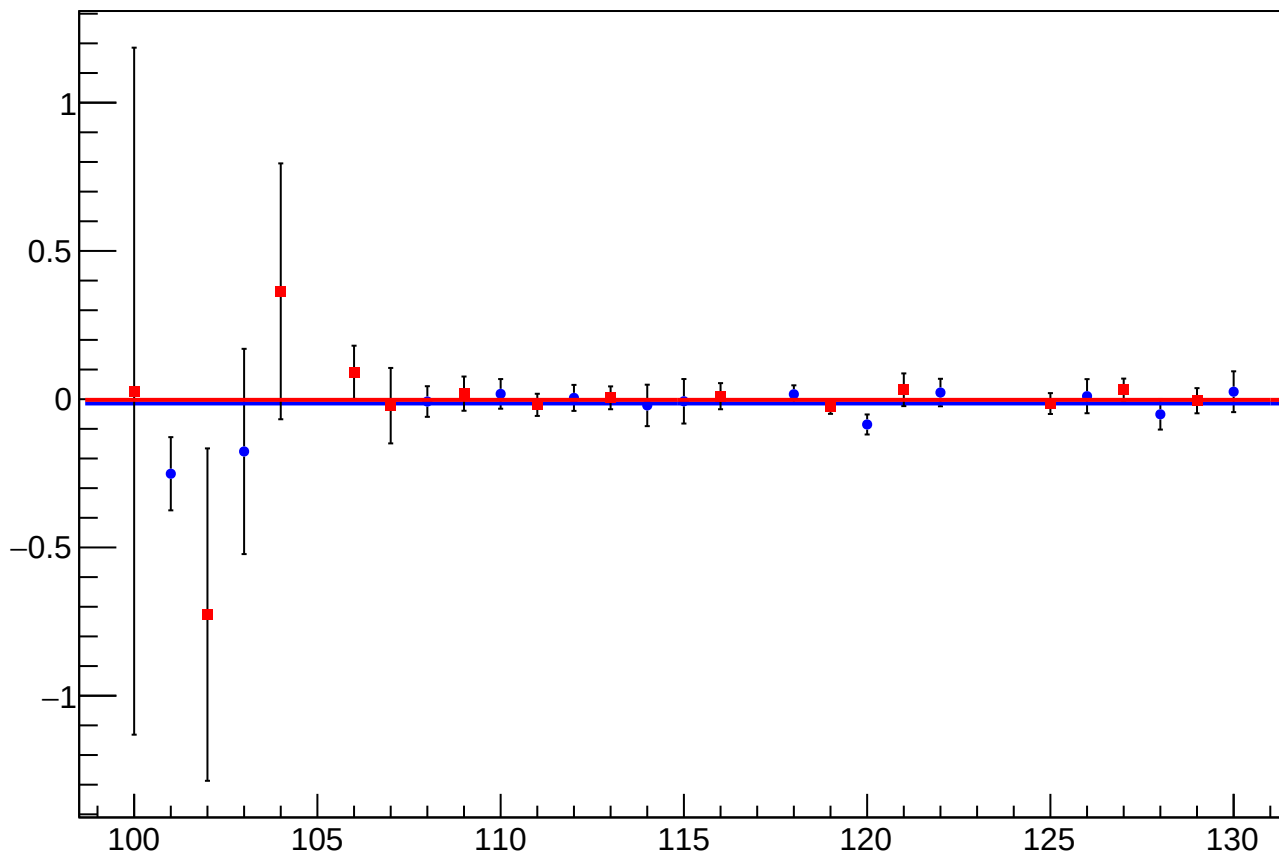
Right: 0.005+/-0.000 χ^2/NDF : 1335274.4/26

In: 0.005+/-0.000 χ^2/NDF :706370.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1335274.4/26

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014+/-0.014 χ^2 /NDF: 11.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.002+/-0.012 χ^2 /NDF: 6.3/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

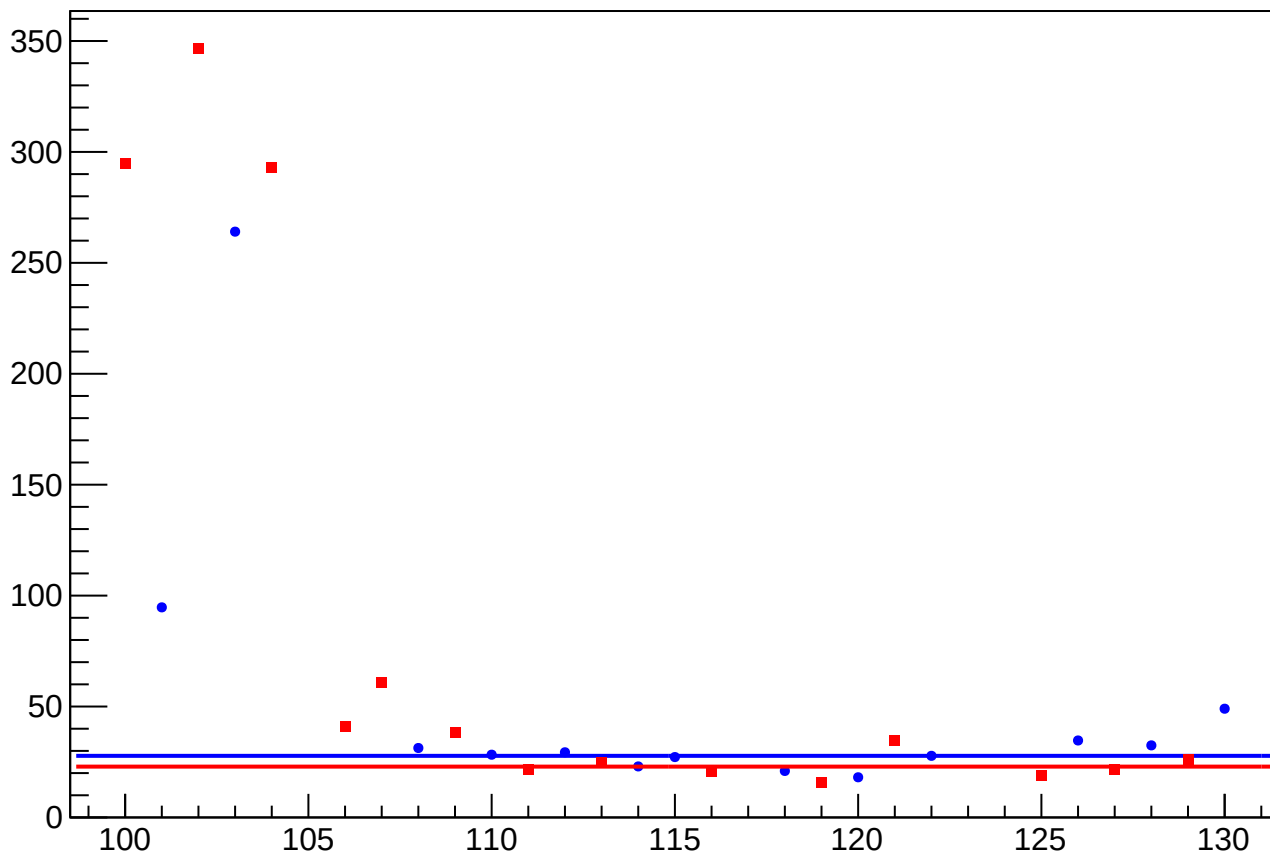
Right: -0.008+/-0.009 χ^2 /NDF: 18.3/26

In: -0.014+/-0.014 χ^2 /NDF:11.7/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.008+/-0.009 χ^2 /NDF: 18.3/26

asym_us_dd_atlr_dd_dd_eigen_dit_vs_slug, Sign Corrected



Right In: 27.773+/-0.010 χ^2/NDF : 2044702.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 22.919+/-0.009 χ^2/NDF : 2295880.9/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

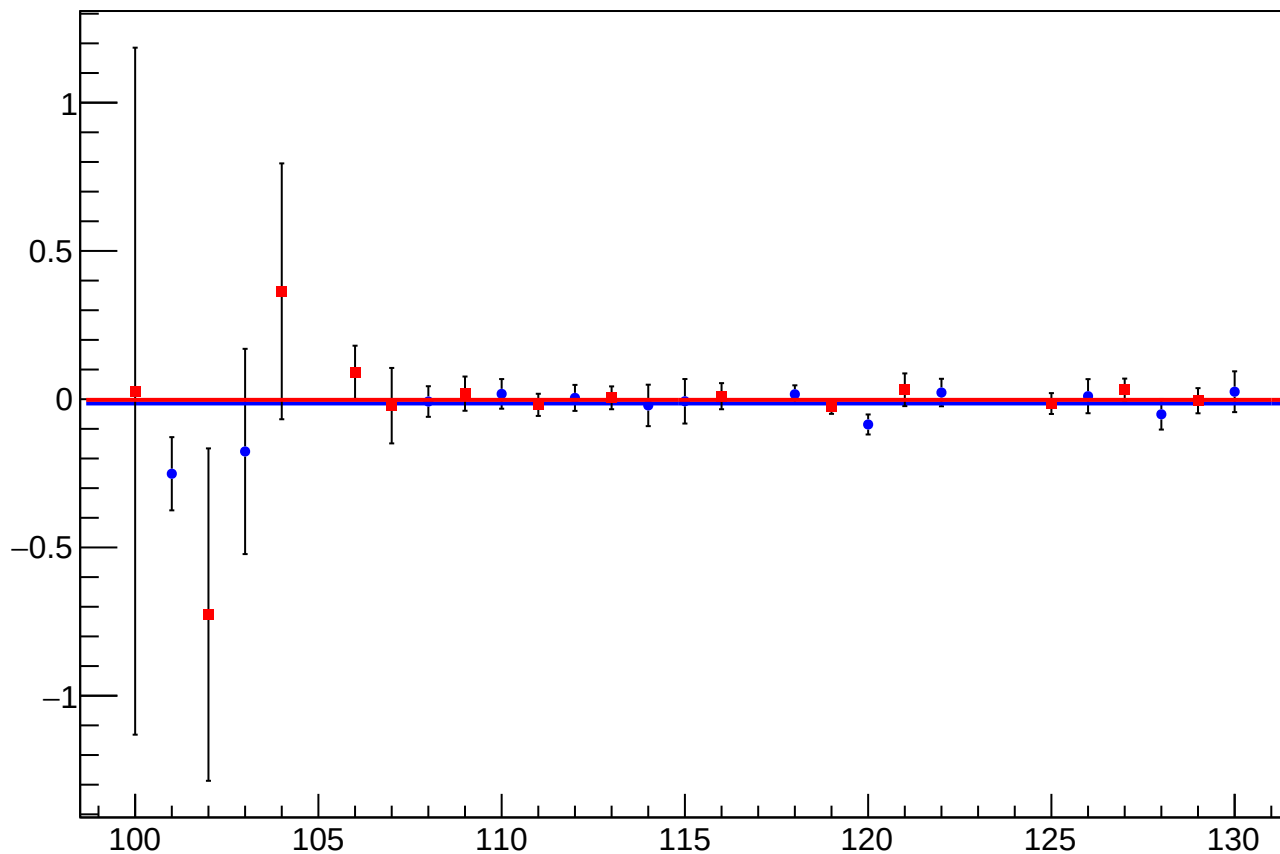
Right: 25.040+/-0.007 χ^2/NDF : 4475663.9/26

In: 27.773+/-0.010 χ^2/NDF :2044702.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 25.040+/-0.007 χ^2/NDF : 4475663.9/26

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014 ± 0.014 χ^2/NDF : 11.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.002 ± 0.012 χ^2/NDF : 6.3/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

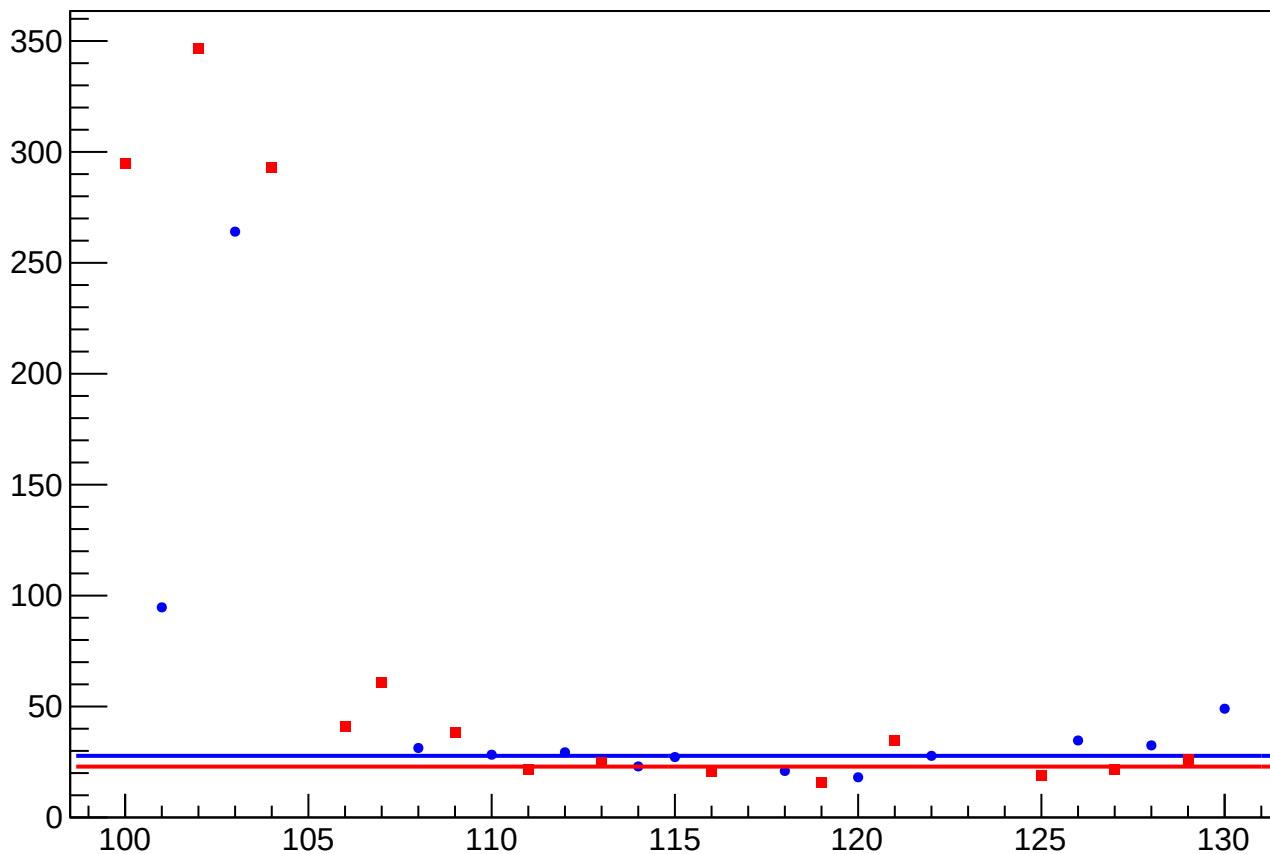
Right: -0.008 ± 0.009 χ^2/NDF : 18.3/26

In: -0.014 ± 0.014 χ^2/NDF : 11.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.008 ± 0.009 χ^2/NDF : 18.3/26

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.773+/-0.010 χ^2/NDF : 2044702.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.919+/-0.009 χ^2/NDF : 2295880.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

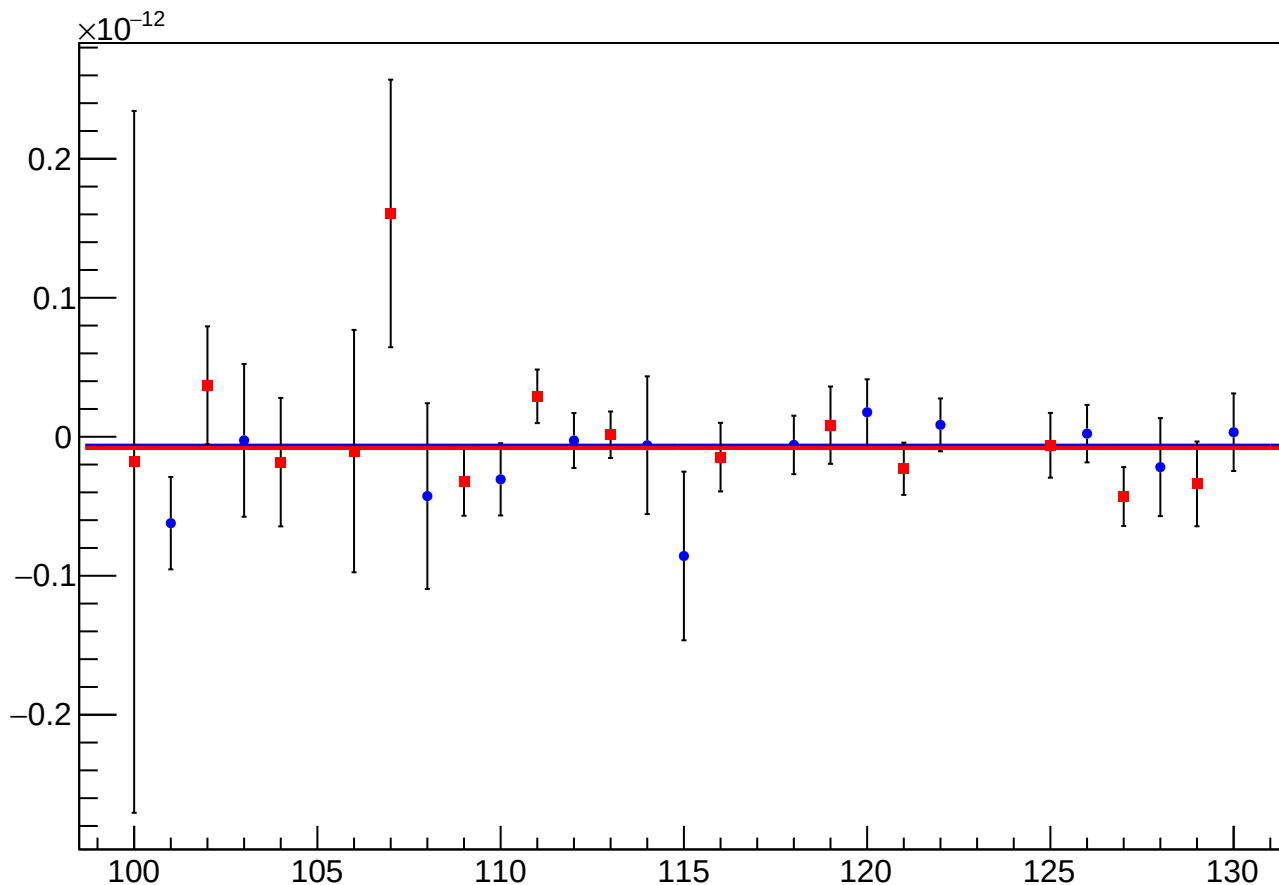
Right: 25.040+/-0.007 χ^2/NDF : 4475663.9/26

In: 27.773+/-0.010 χ^2/NDF : 2044702.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.040+/-0.007 χ^2/NDF : 4475663.9/26

asym_us_dd_atlr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

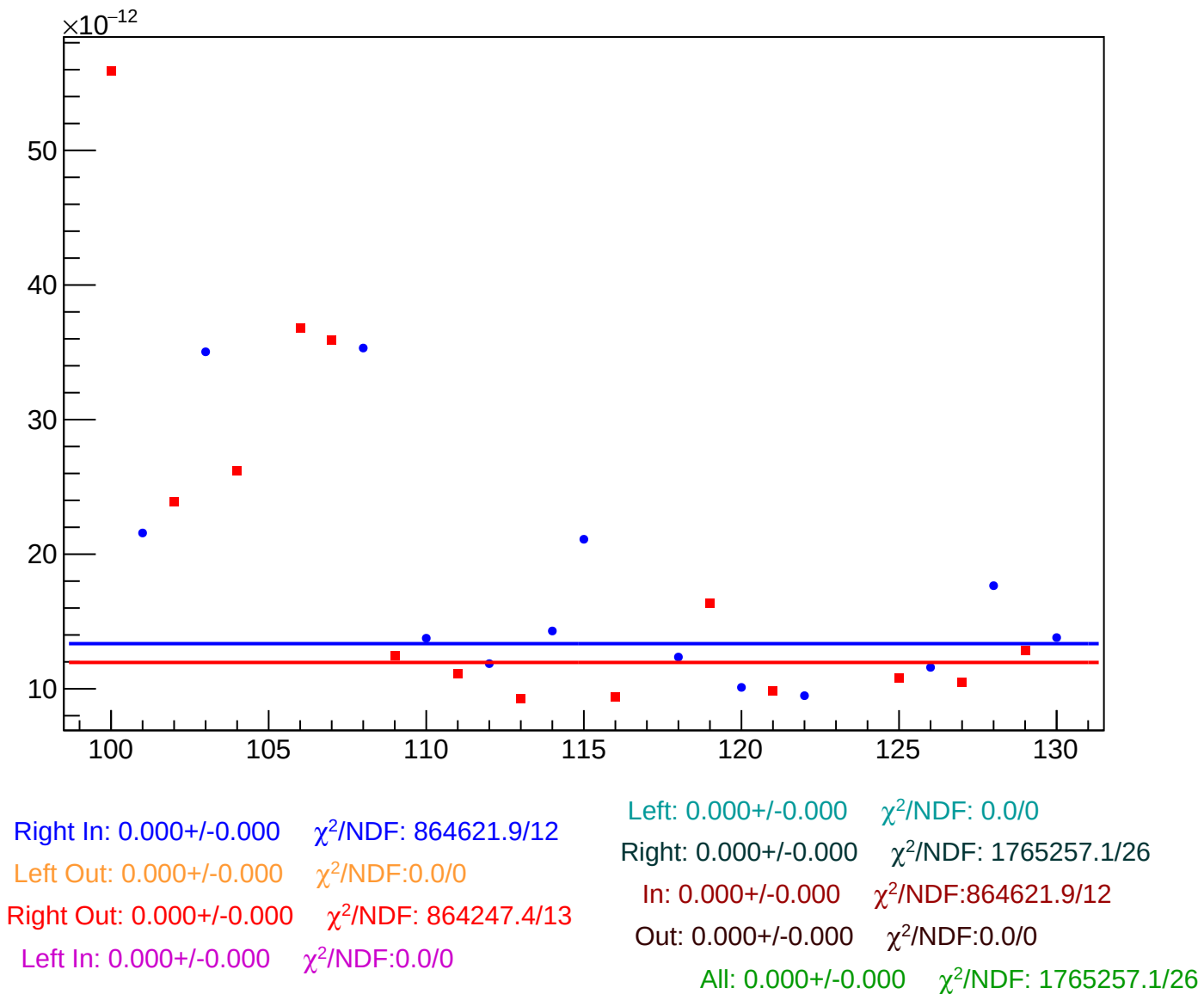
Right: -0.000+/-0.000 χ^2/NDF : 21.6/26

In: -0.000+/-0.000 χ^2/NDF : 7.9/12

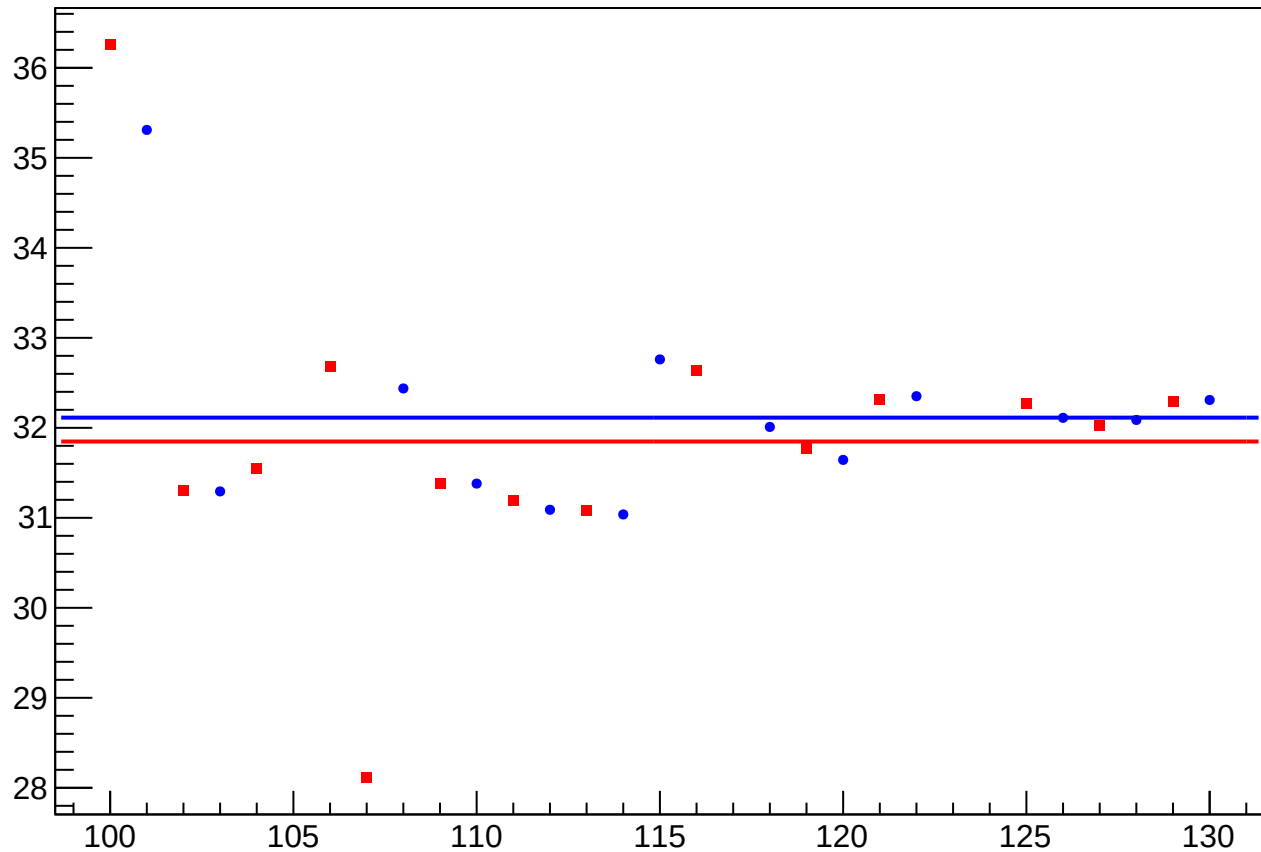
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.6/26

asym_us_dd_atlr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



yield_usl_mean vs Slug, Sign Corrected



Right In: 32.113+/-0.000 χ^2/NDF : 836228017.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.848+/-0.000 χ^2/NDF : 436162275.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

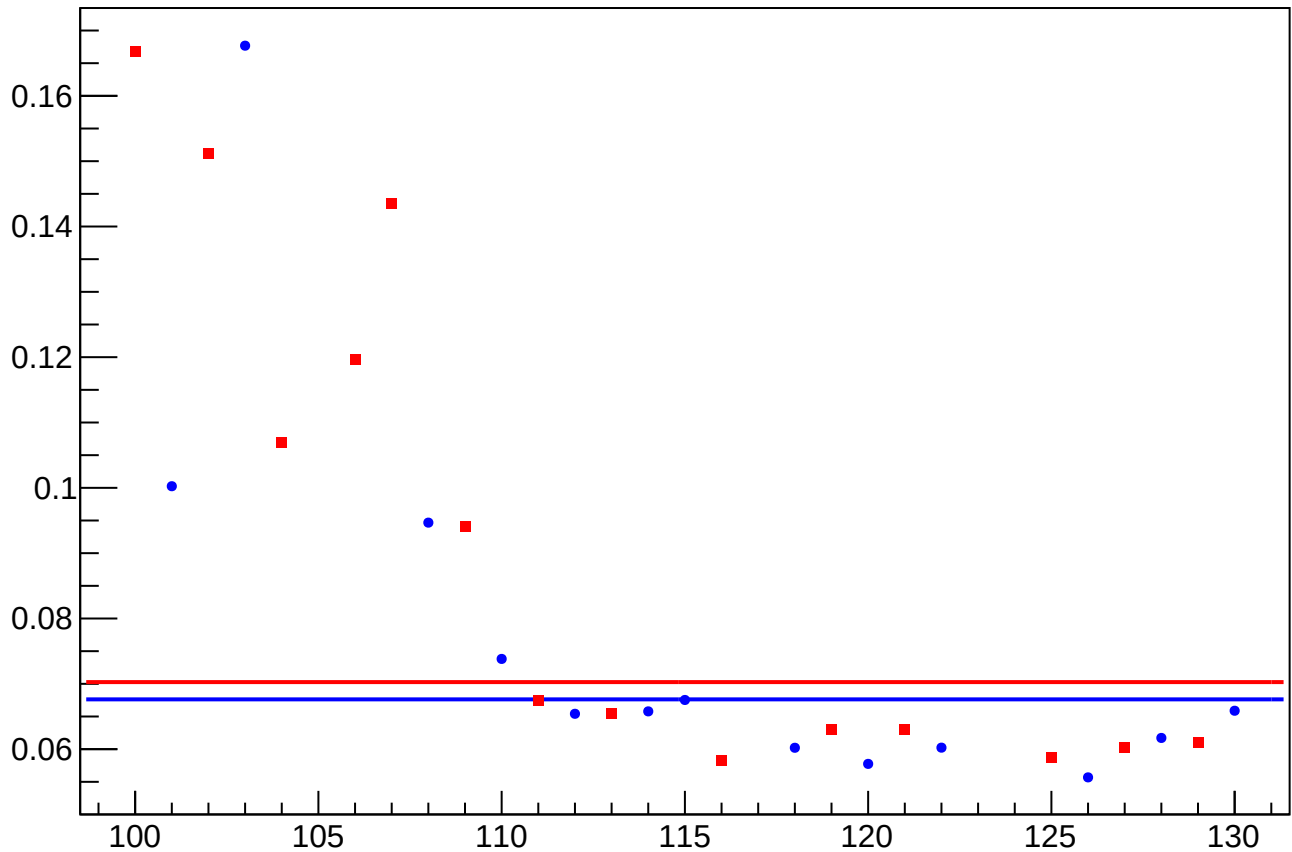
Right: 31.984+/-0.000 χ^2/NDF : 1307772099.3/26

In: 32.113+/-0.000 χ^2/NDF : 836228017.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.984+/-0.000 χ^2/NDF : 1307772099.3/26

yield_usl_rms vs Slug, Sign Corrected



Right In: 0.068+/-0.000 χ^2/NDF : 692595.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.070+/-0.000 χ^2/NDF : 863164.7/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

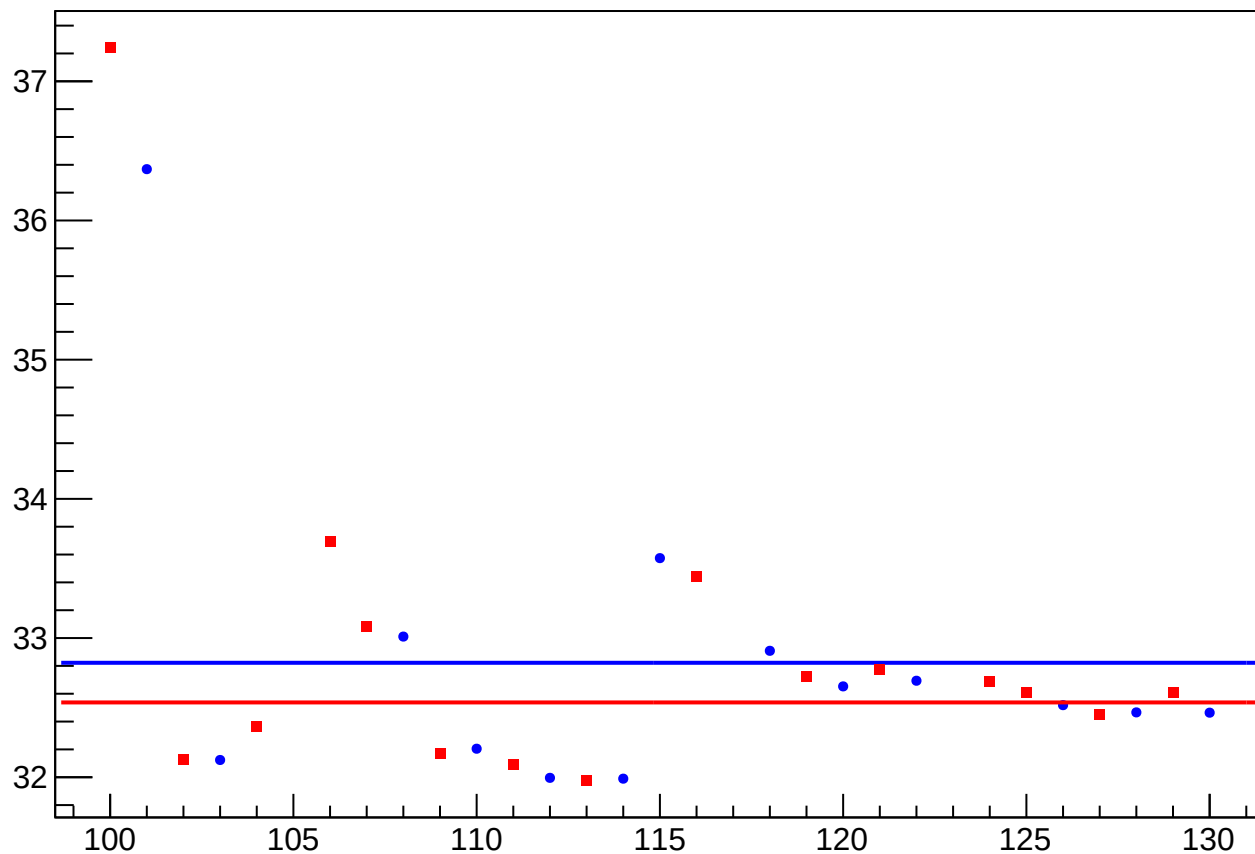
Right: 0.069+/-0.000 χ^2/NDF : 1562788.5/26

In: 0.068+/-0.000 χ^2/NDF :692595.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.069+/-0.000 χ^2/NDF : 1562788.5/26

yield_usr_mean vs Slug, Sign Corrected



Right In: 32.822+/-0.000 χ^2/NDF : 660924568.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.537+/-0.000 χ^2/NDF : 139942871.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

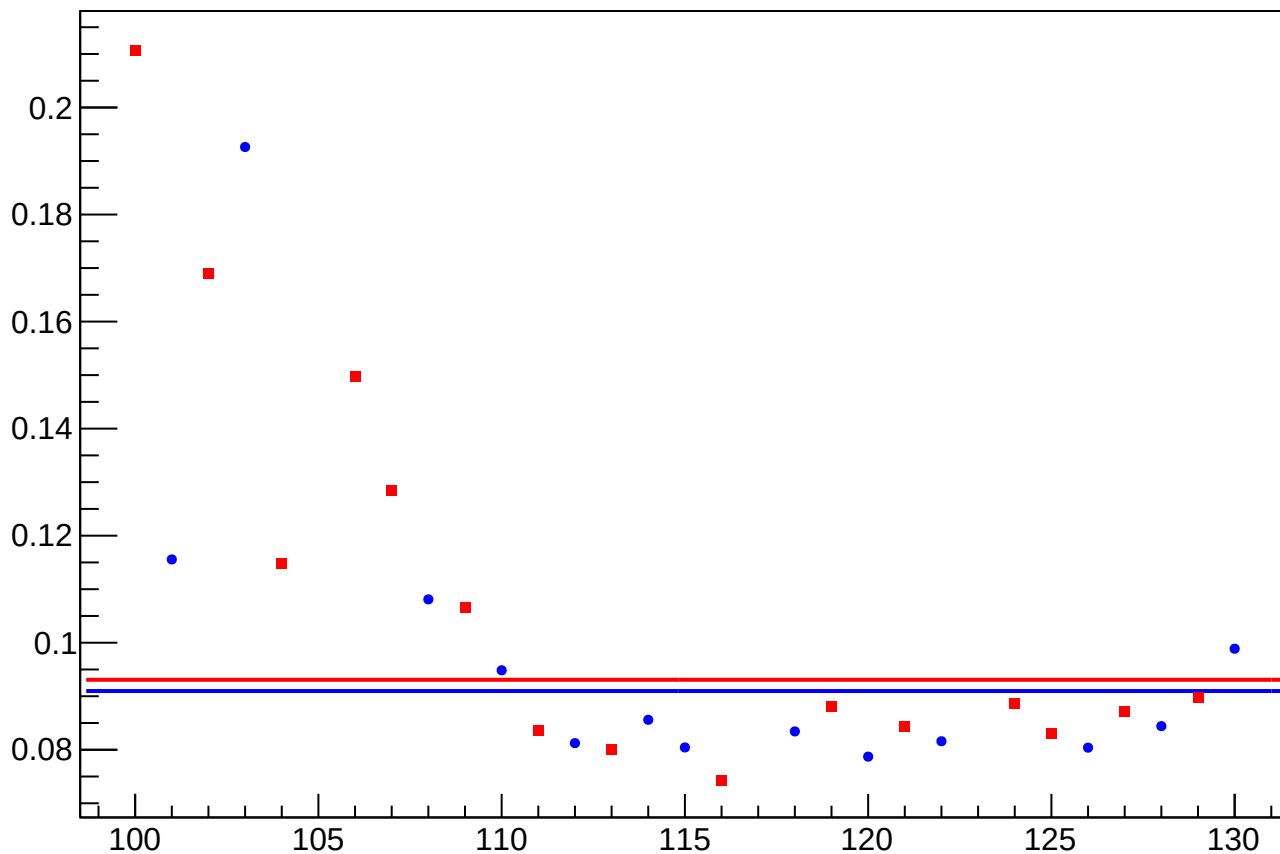
Right: 32.679+/-0.000 χ^2/NDF : 824485618.1/27

In: 32.822+/-0.000 χ^2/NDF : 660924568.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.679+/-0.000 χ^2/NDF : 824485618.1/27

yield_usr_rms vs Slug, Sign Corrected



Right In: 0.091+/-0.000 χ^2/NDF : 473172.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.093+/-0.000 χ^2/NDF : 522819.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

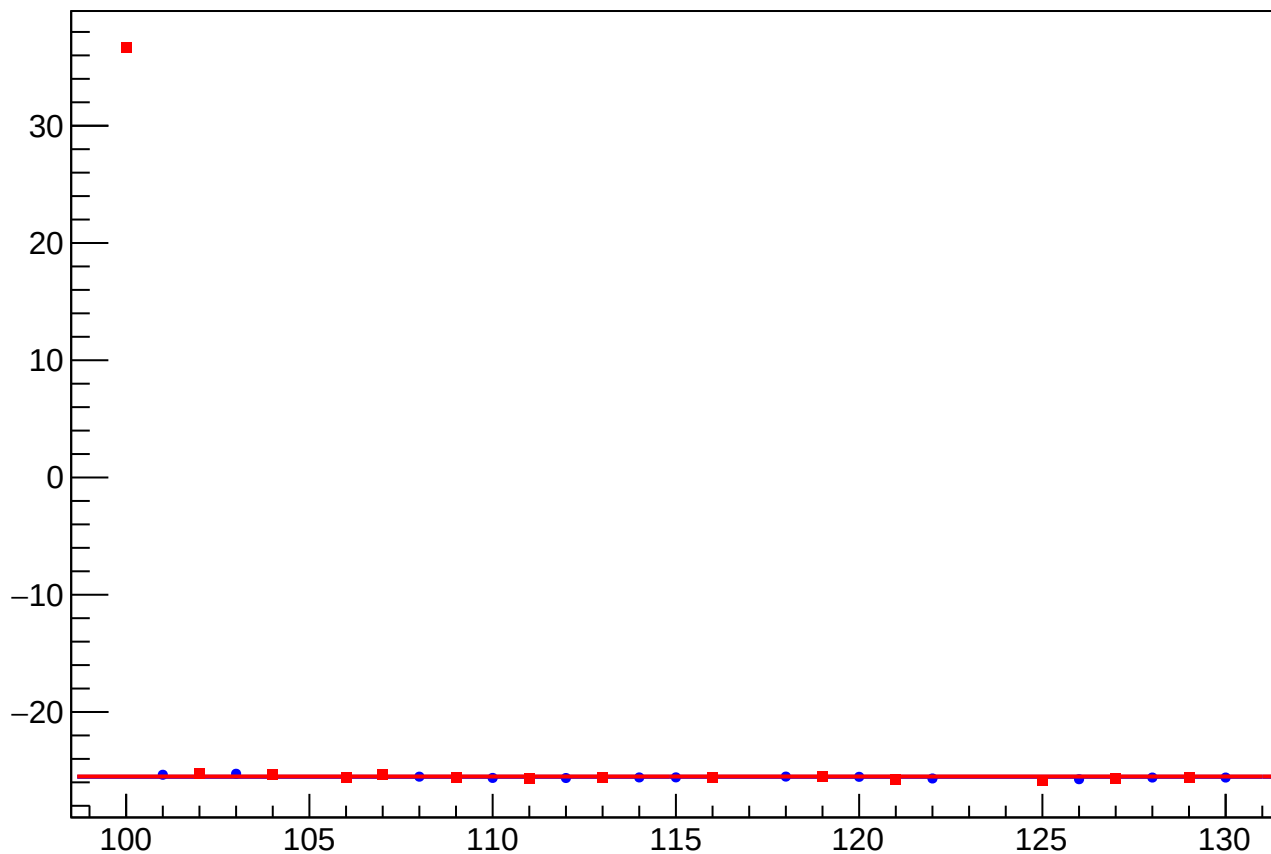
Right: 0.092+/-0.000 χ^2/NDF : 998565.0/27

In: 0.091+/-0.000 χ^2/NDF :473172.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.092+/-0.000 χ^2/NDF : 998565.0/27

yield_dsl_mean vs Slug, Sign Corrected



Right In: -25.529+/-0.000 χ^2/NDF : 55630412.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.500+/-0.000 χ^2/NDF : 8875120352.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

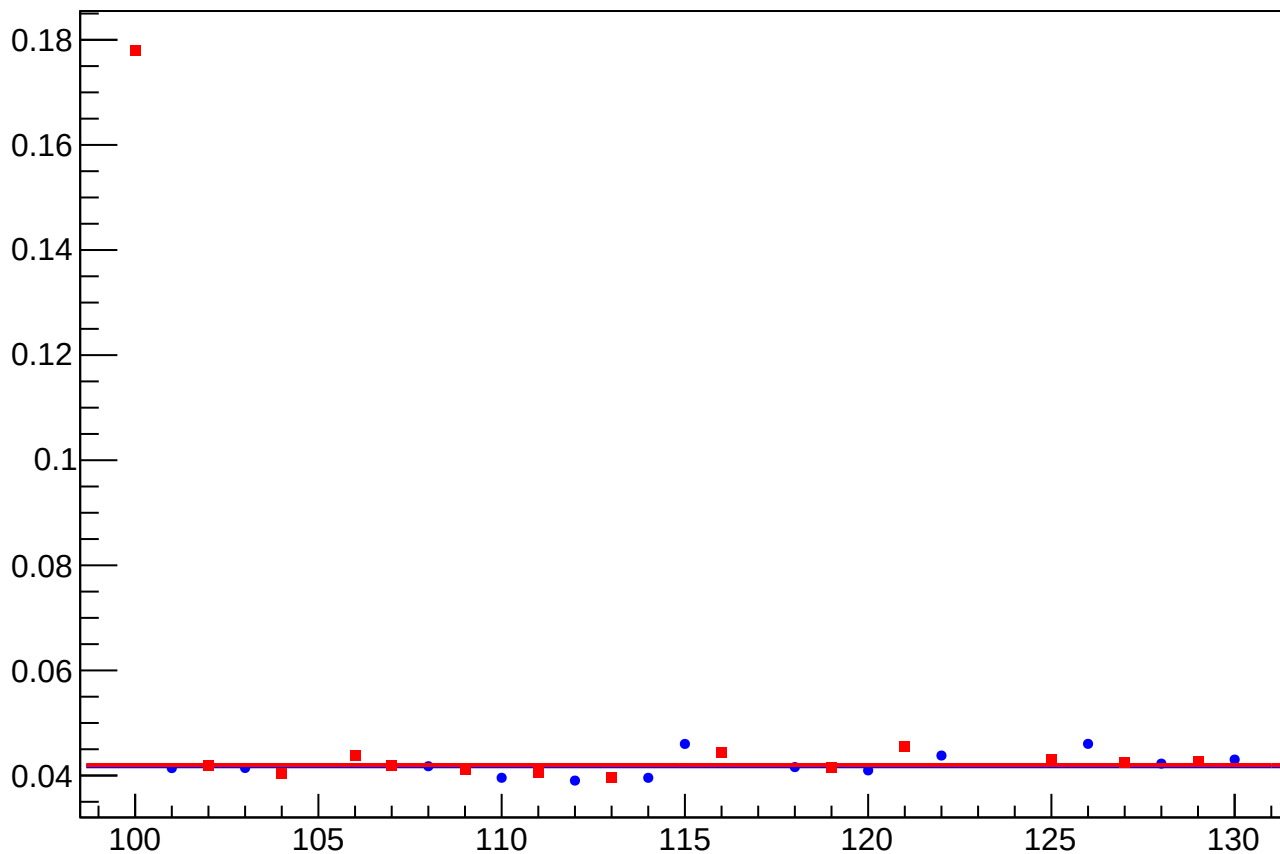
Right: -25.514+/-0.000 χ^2/NDF : 8932046641.8/26

In: -25.529+/-0.000 χ^2/NDF : 55630412.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.514+/-0.000 χ^2/NDF : 8932046641.8/26

yield_dsl_rms vs Slug, Sign Corrected



Right In: 0.042+/-0.000 χ^2/NDF : 20364.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.042+/-0.000 χ^2/NDF : 98909.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

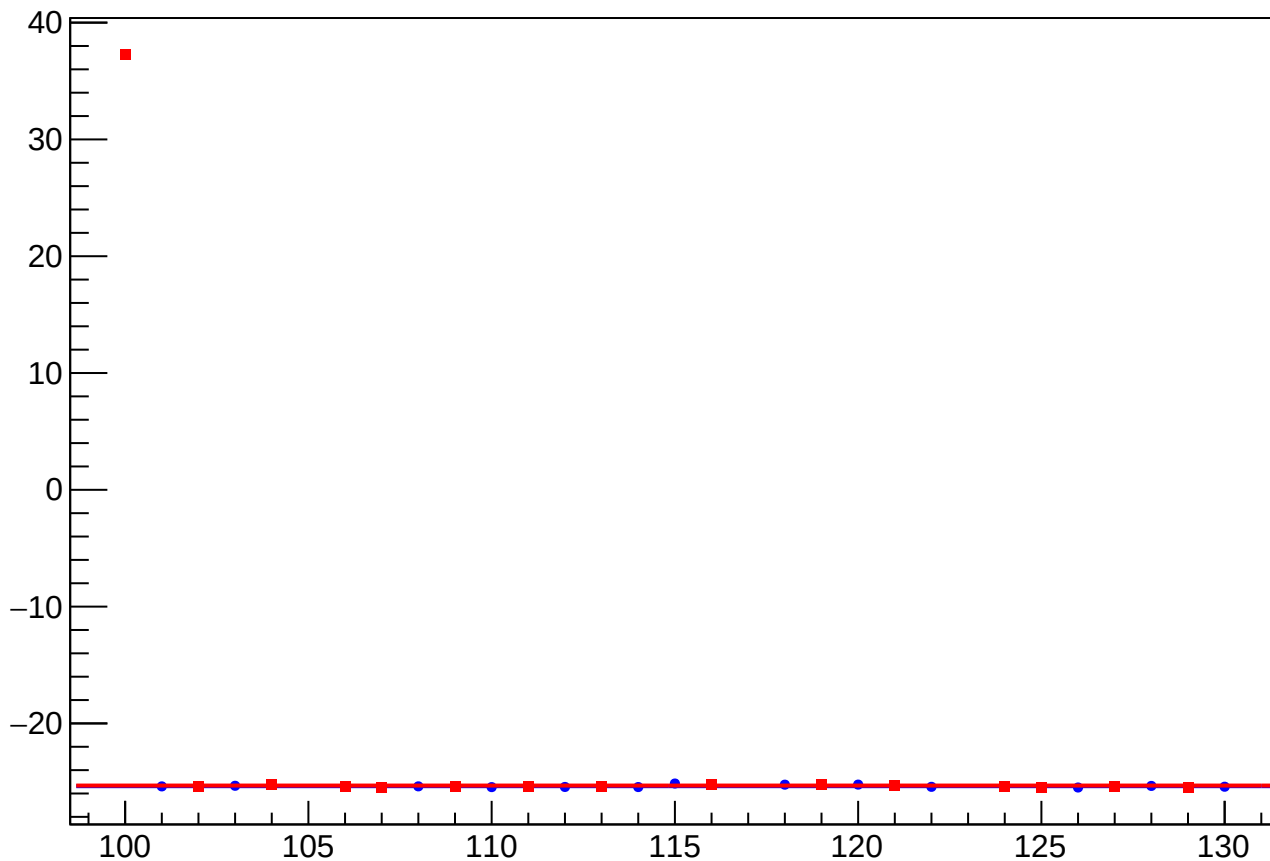
Right: 0.042+/-0.000 χ^2/NDF : 119460.0/26

In: 0.042+/-0.000 χ^2/NDF : 20364.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.042+/-0.000 χ^2/NDF : 119460.0/26

yield_dsr_mean vs Slug, Sign Corrected



Right In: -25.374+/-0.000 χ^2/NDF : 10465853.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.320+/-0.000 χ^2/NDF : 6313591118.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

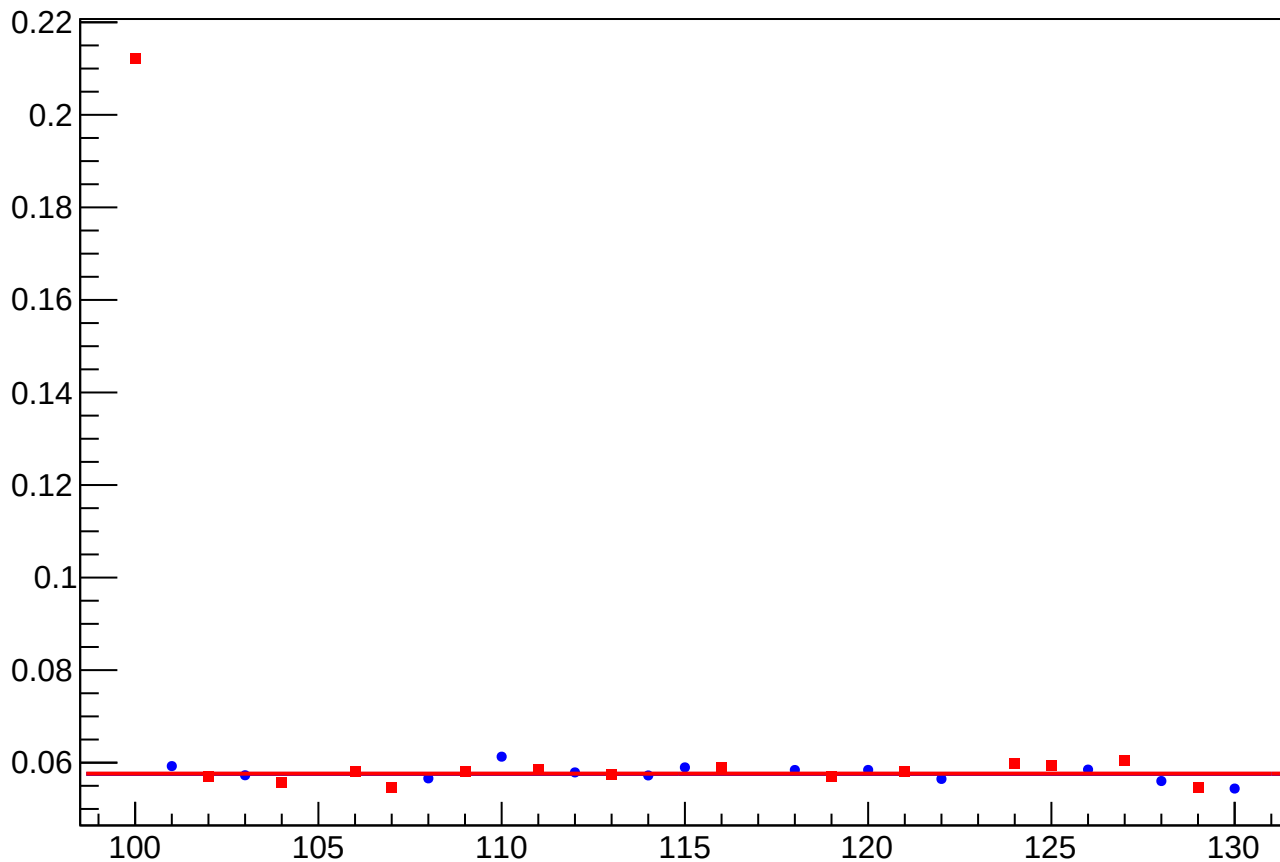
Right: -25.346+/-0.000 χ^2/NDF : 6326514421.5/27

In: -25.374+/-0.000 χ^2/NDF : 10465853.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.346+/-0.000 χ^2/NDF : 6326514421.5/27

yield_dsr_rms vs Slug, Sign Corrected



Right In: 0.058+/-0.000 χ^2/NDF : 9174.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.058+/-0.000 χ^2/NDF : 85656.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

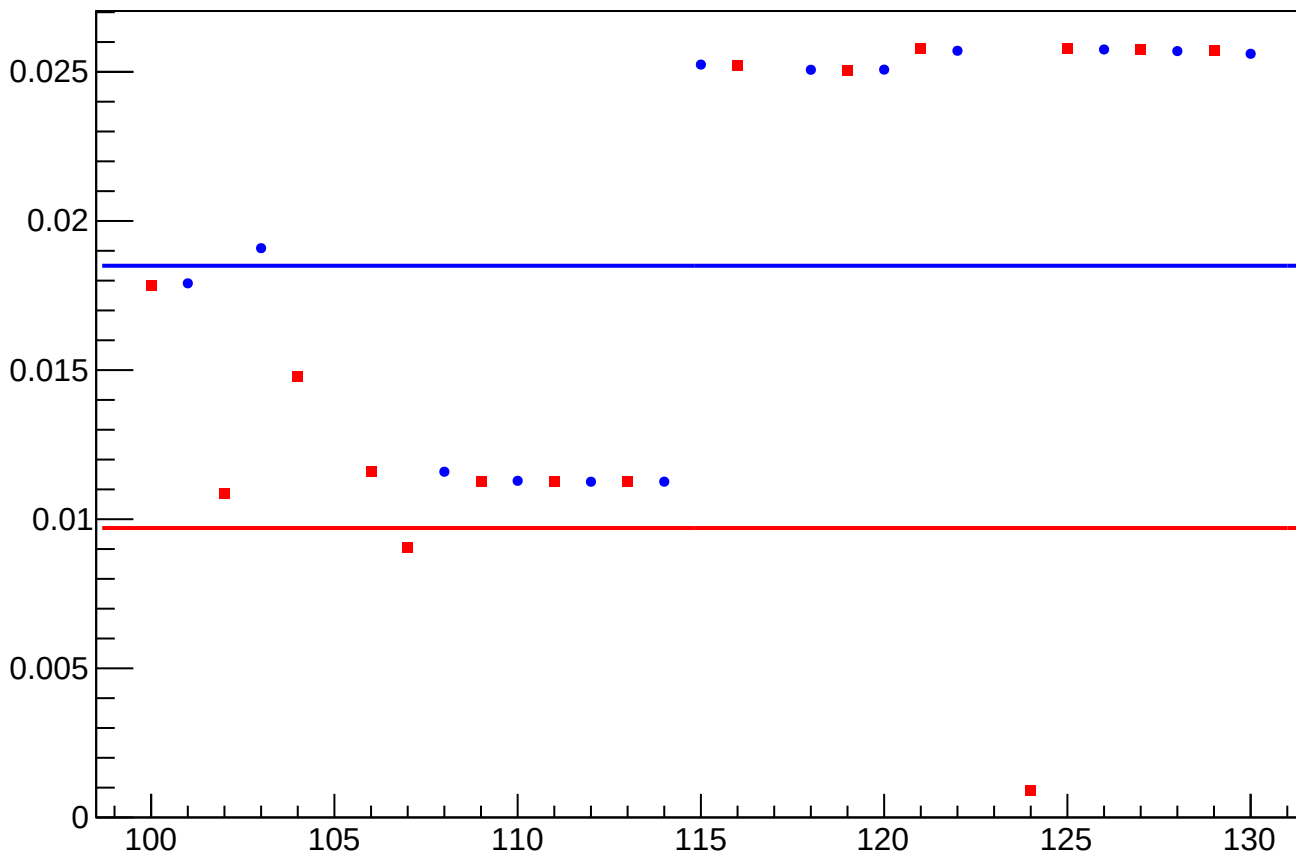
Right: 0.058+/-0.000 χ^2/NDF : 94837.8/27

In: 0.058+/-0.000 χ^2/NDF : 9174.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.058+/-0.000 χ^2/NDF : 94837.8/27

yield_atl1_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 50619347578.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 193313629506.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

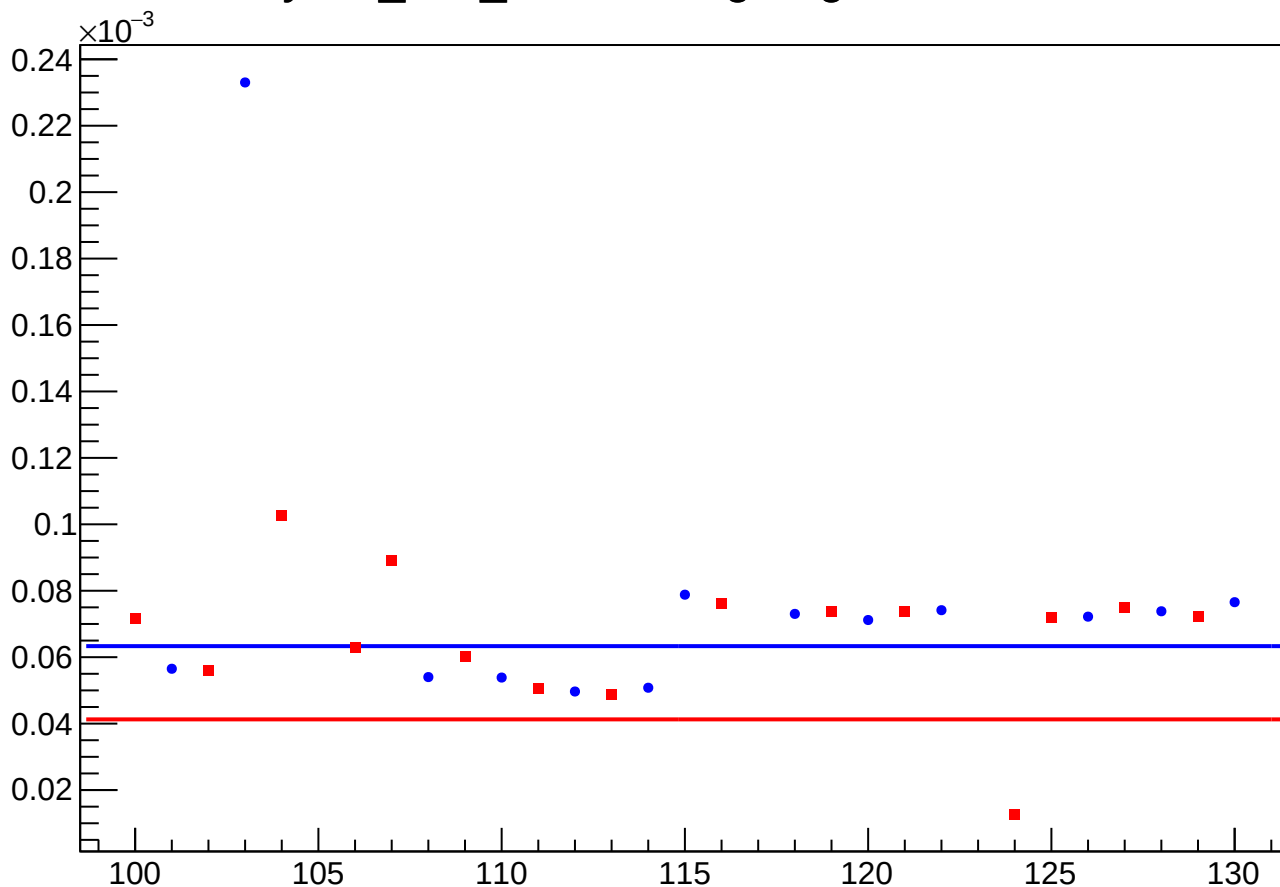
Right: 0.013+/-0.000 χ^2/NDF : 305199208018.4/27

In: 0.018+/-0.000 χ^2/NDF : 50619347578.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 305199208018.4

yield_atl1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 784276.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3233927.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

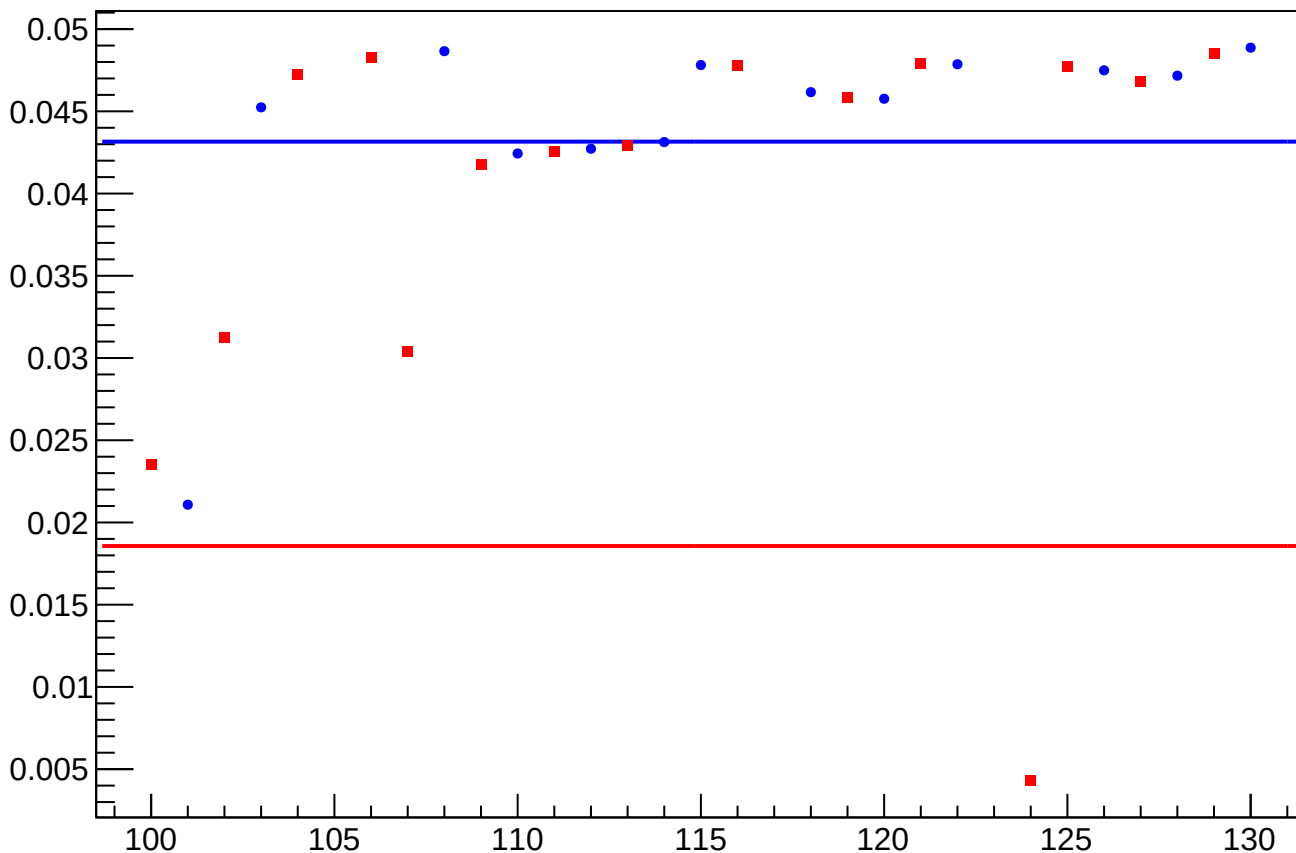
Right: 0.000+/-0.000 χ^2/NDF : 4788559.6/27

In: 0.000+/-0.000 χ^2/NDF : 784276.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4788559.6/27

yield_atl2_mean vs Slug, Sign Corrected



Right In: 0.043+/-0.000

χ^2/NDF : 2927462949.6/12

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.025+/-0.000

χ^2/NDF : 59904559111.4/27

Right Out: 0.019+/-0.000

χ^2/NDF : 39499975112.9/14

In: 0.043+/-0.000

χ^2/NDF : 2927462949.6/12

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

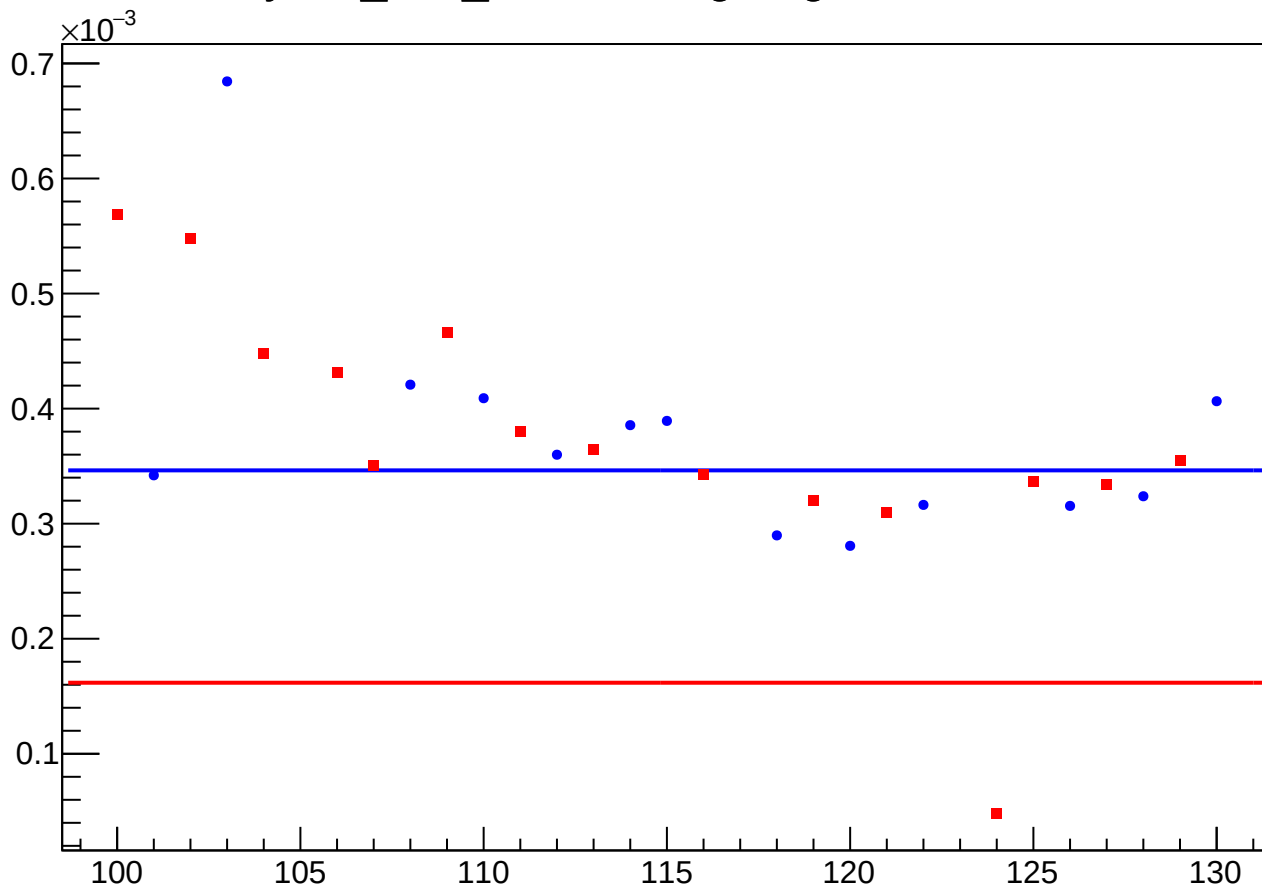
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.025+/-0.000

χ^2/NDF : 59904559111.4/27

yield_atl2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 428490.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5182581.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

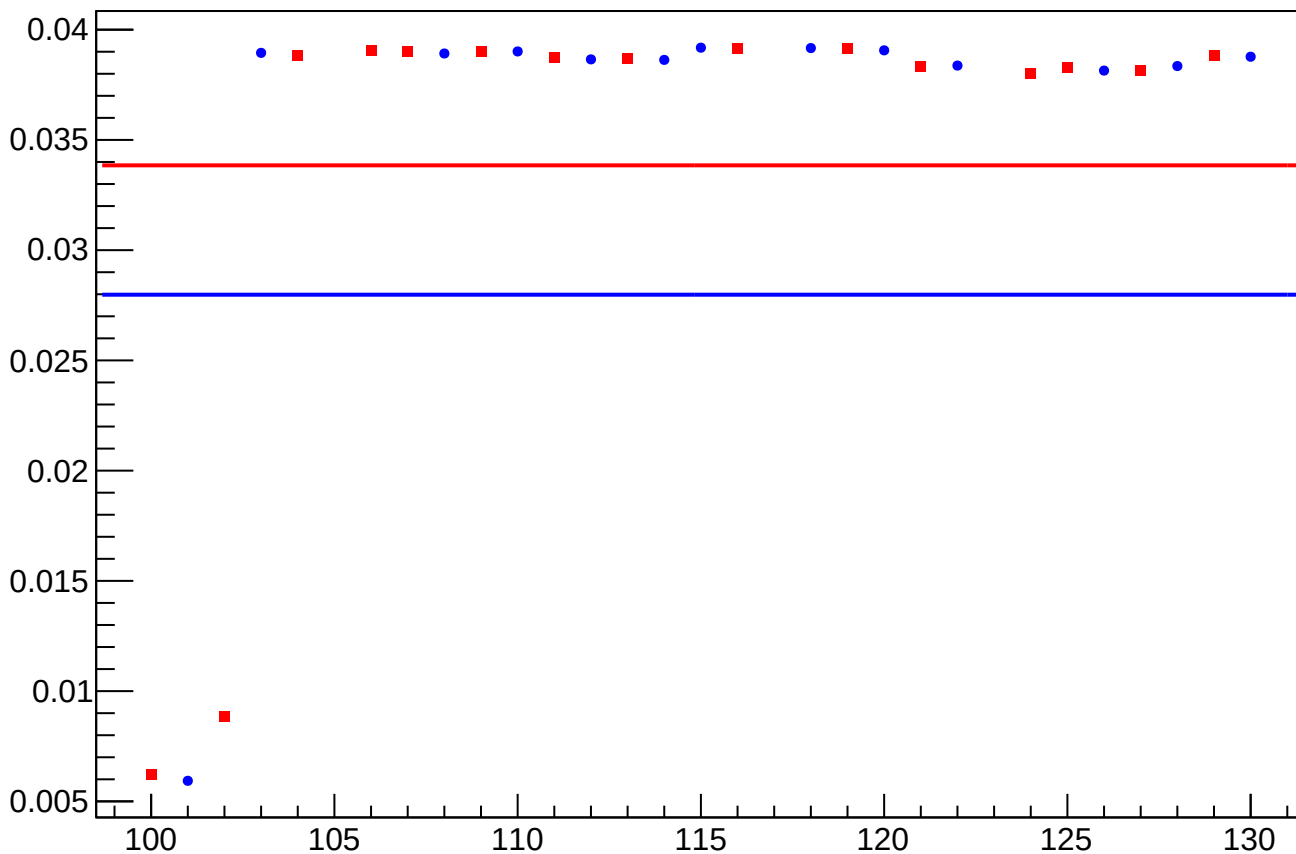
Right: 0.000+/-0.000 χ^2/NDF : 7580166.4/27

In: 0.000+/-0.000 χ^2/NDF : 428490.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7580166.4/27

yield_atr1_mean vs Slug, Sign Corrected



Right In: 0.028+/-0.000

χ^2/NDF : 98935563136.8/12

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.031+/-0.000

χ^2/NDF : 151084048694.6/27

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.028+/-0.000

χ^2/NDF : 98935563136.8/12

Right Out: 0.034+/-0.000

χ^2/NDF : 45428602180.9/14

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

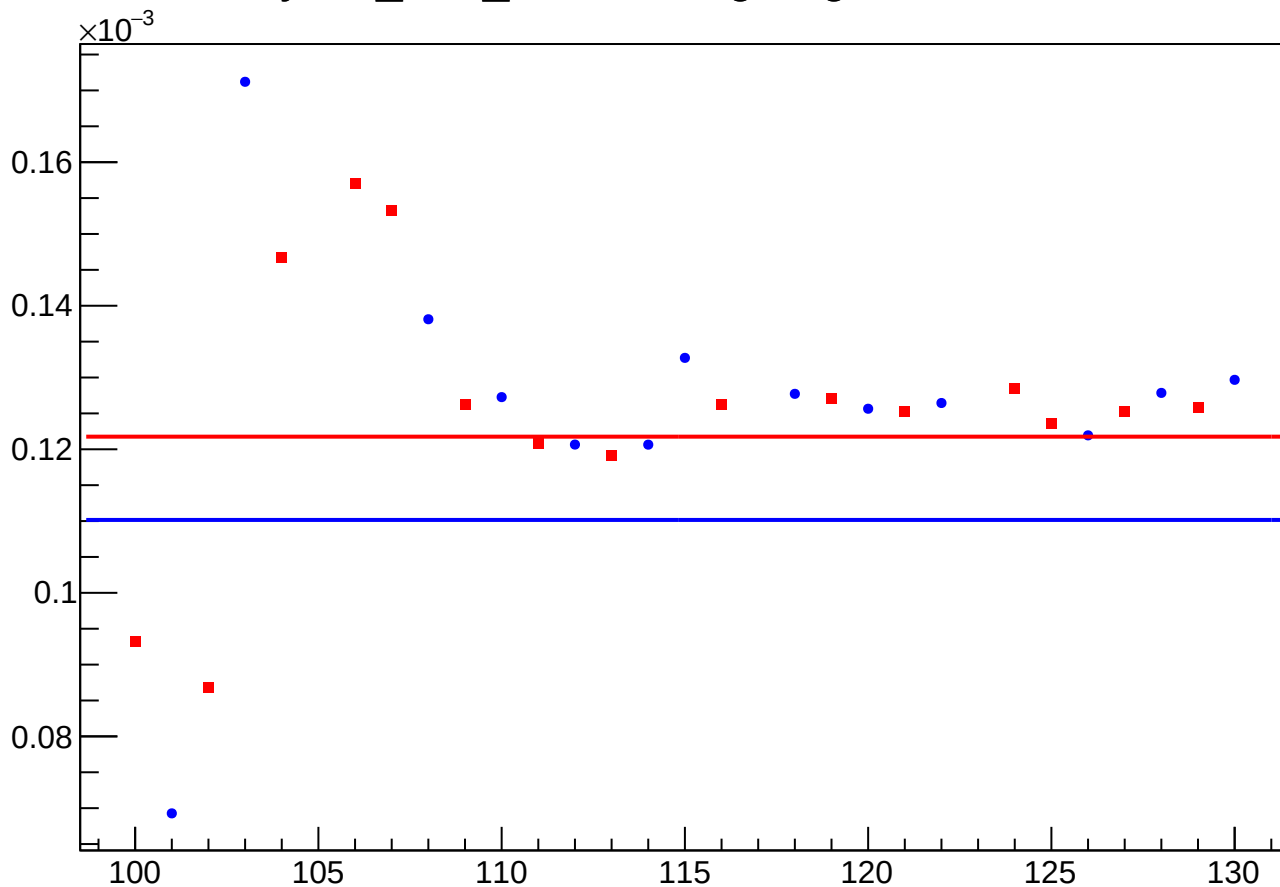
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.031+/-0.000

χ^2/NDF : 151084048694.6

yield_atr1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 765807.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 223529.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

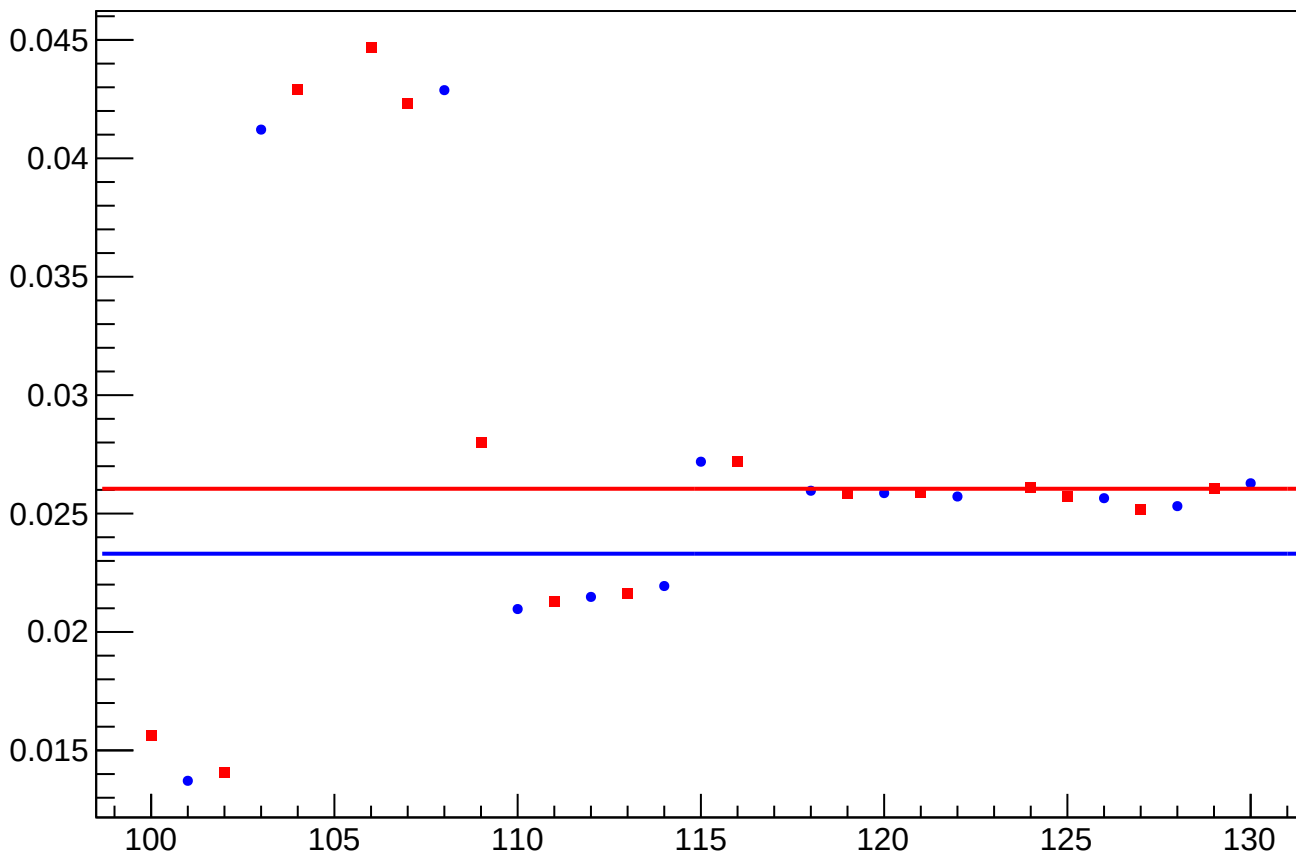
Right: 0.000+/-0.000 χ^2/NDF : 1041907.9/27

In: 0.000+/-0.000 χ^2/NDF : 765807.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1041907.9/27

yield_atr2_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.000

χ^2/NDF : 3522217321.9/12

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.025+/-0.000

χ^2/NDF : 6997482014.7/27

Right Out: 0.026+/-0.000

χ^2/NDF : 3233387974.2/14

In: 0.023+/-0.000

χ^2/NDF : 3522217321.9/12

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

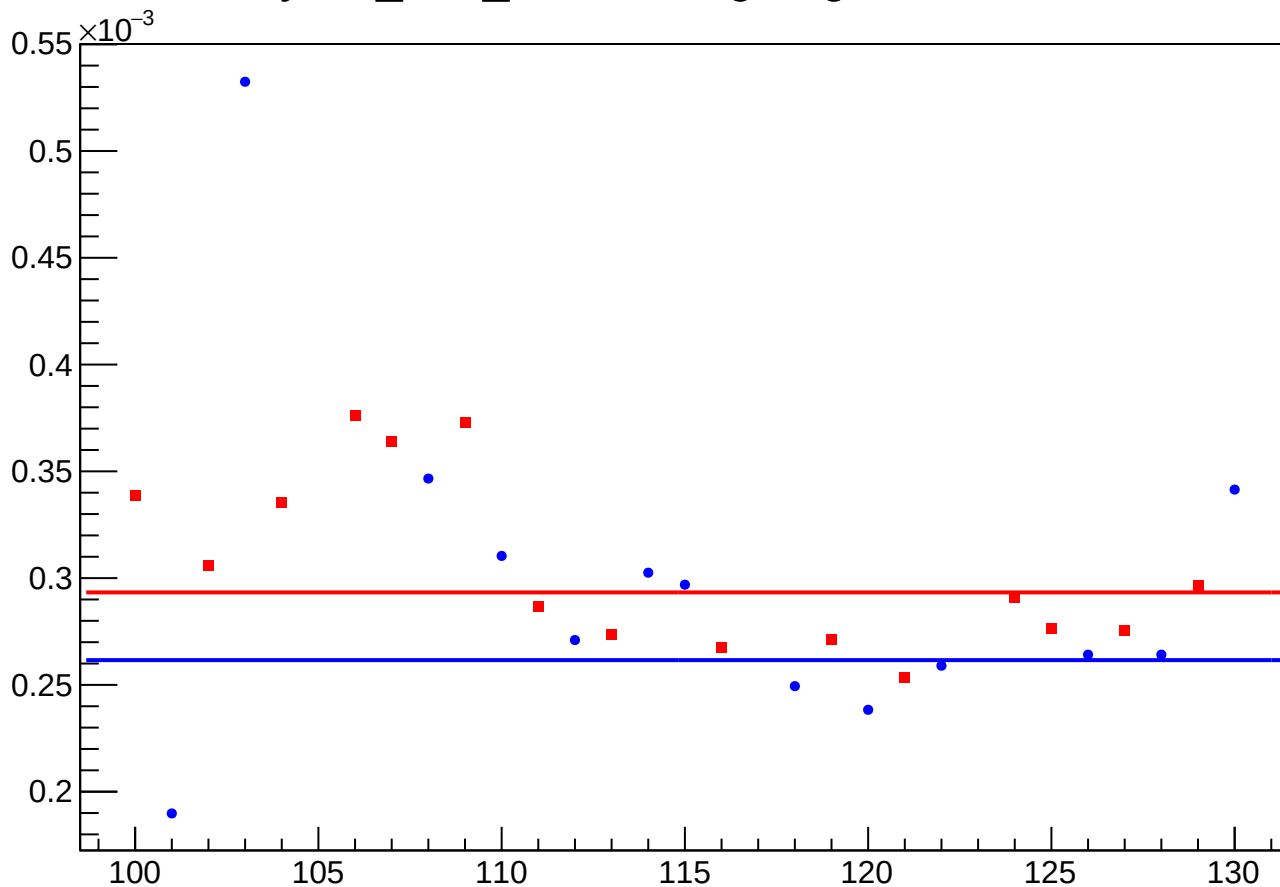
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.025+/-0.000

χ^2/NDF : 6997482014.7/27

yield_atr2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 586168.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 142068.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

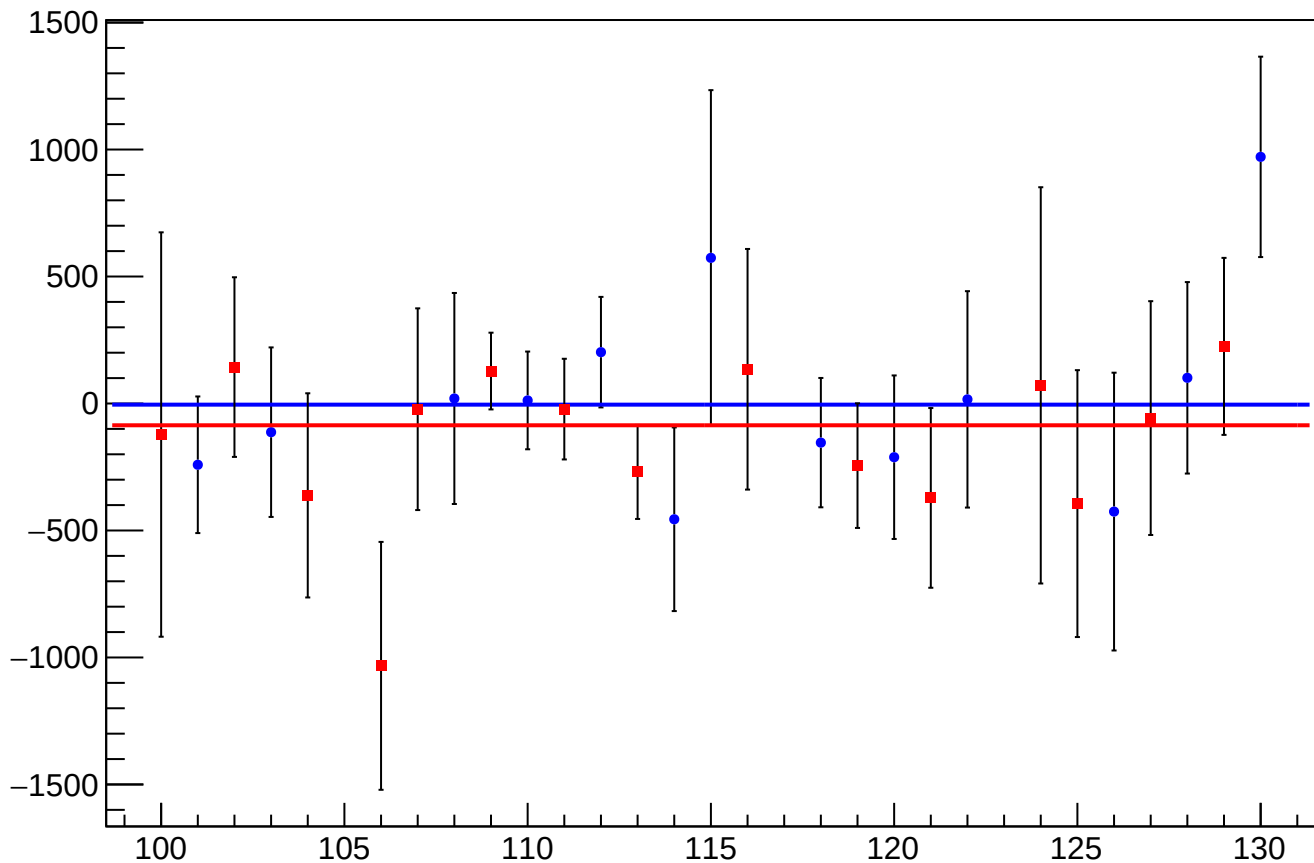
Right: 0.000+/-0.000 χ^2/NDF : 792913.4/27

In: 0.000+/-0.000 χ^2/NDF : 586168.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 792913.4/27

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -4.515 ± 86.368 $\chi^2/\text{NDF}: 11.7/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -85.741 ± 76.242 $\chi^2/\text{NDF}: 10.2/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

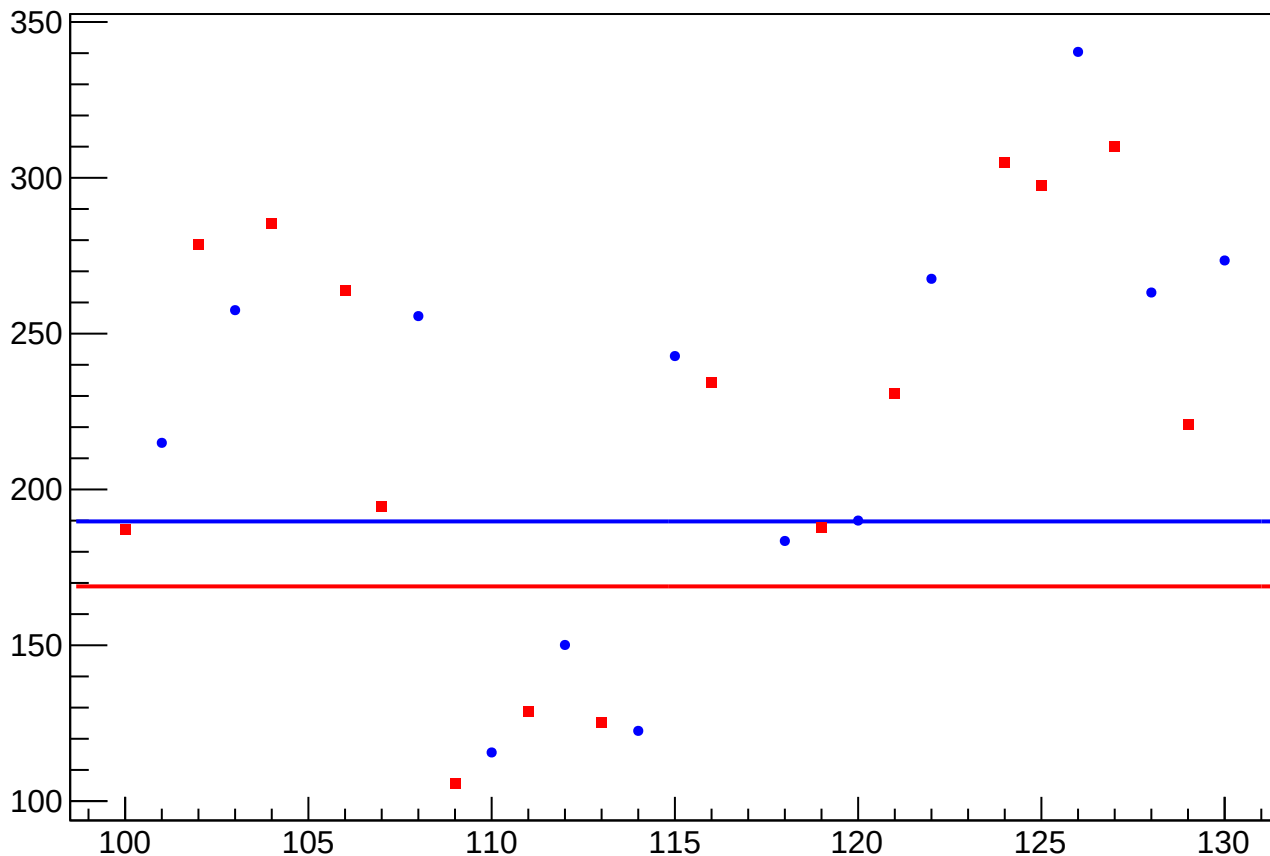
Right: -50.166 ± 57.158 $\chi^2/\text{NDF}: 22.4/27$

In: -4.515 ± 86.368 $\chi^2/\text{NDF}: 11.7/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -50.166 ± 57.158 $\chi^2/\text{NDF}: 22.4/27$

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 189.747+/-0.061 χ^2/NDF : 981523.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 168.895+/-0.054 χ^2/NDF : 1514065.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

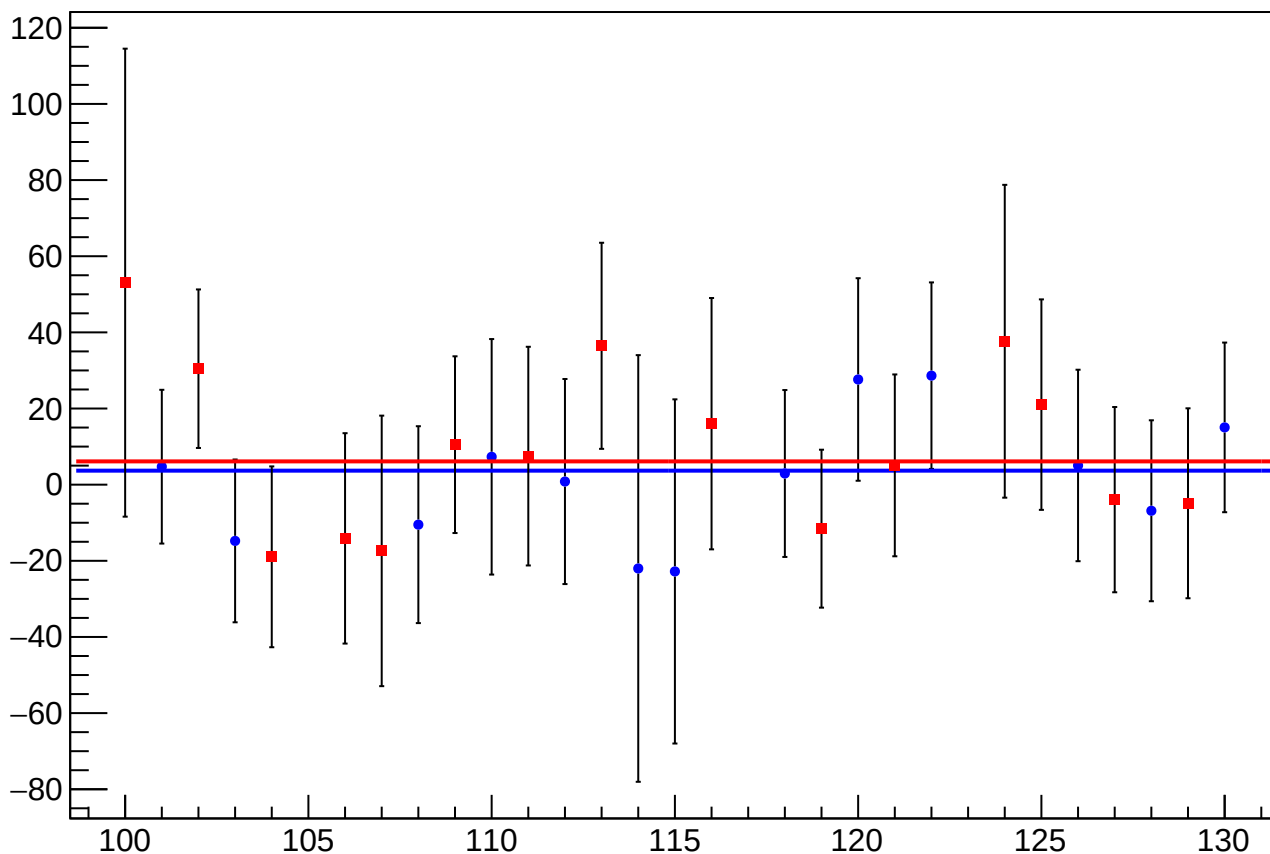
Right: 178.027+/-0.040 χ^2/NDF : 2561113.1/27

In: 189.747+/-0.061 χ^2/NDF :981523.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 178.027+/-0.040 χ^2/NDF : 2561113.1/27

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 3.679+/-7.089 χ^2/NDF : 3.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.115+/-6.888 χ^2/NDF : 7.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

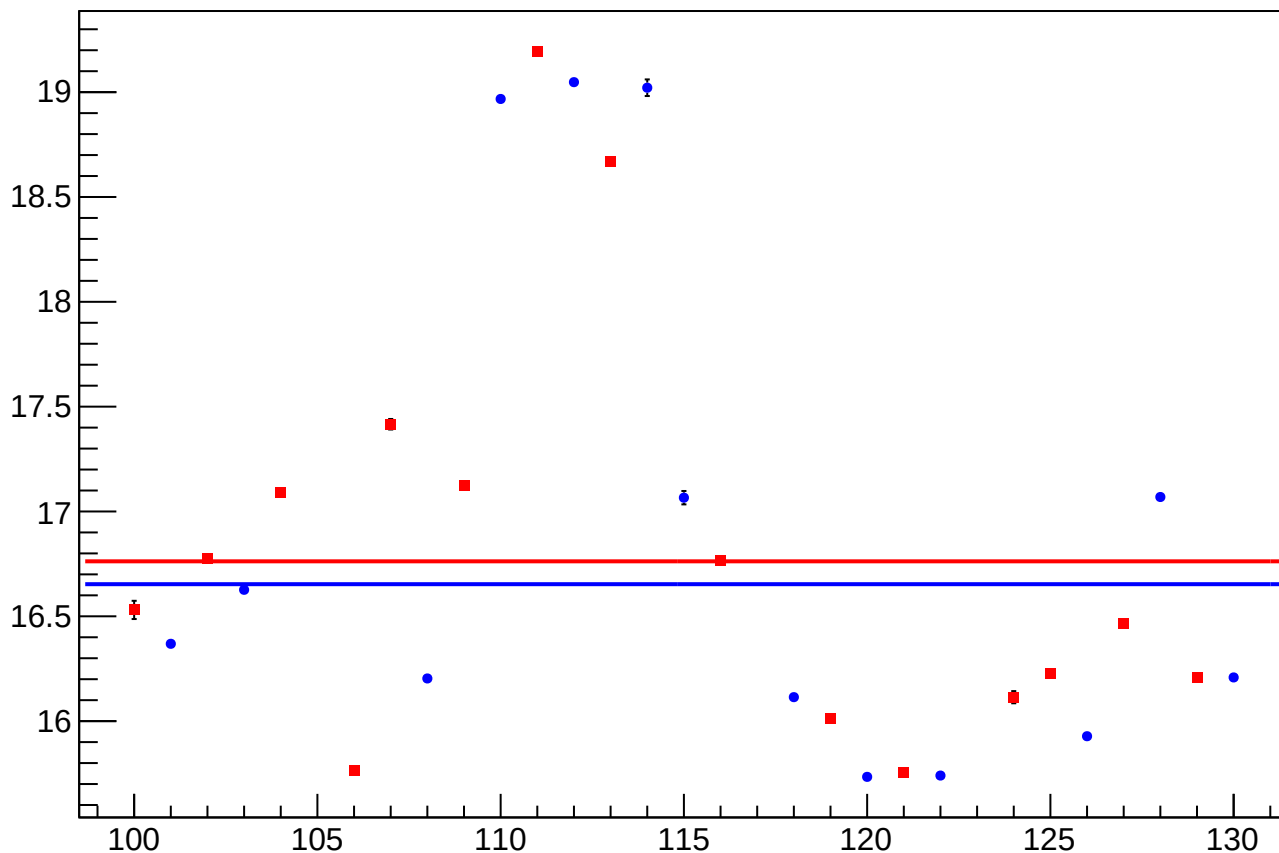
Right: 4.932+/-4.940 χ^2/NDF : 11.4/27

In: 3.679+/-7.089 χ^2/NDF : 3.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.932+/-4.940 χ^2/NDF : 11.4/27

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.653+/-0.005 χ^2/NDF : 41201.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.762+/-0.005 χ^2/NDF : 37124.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

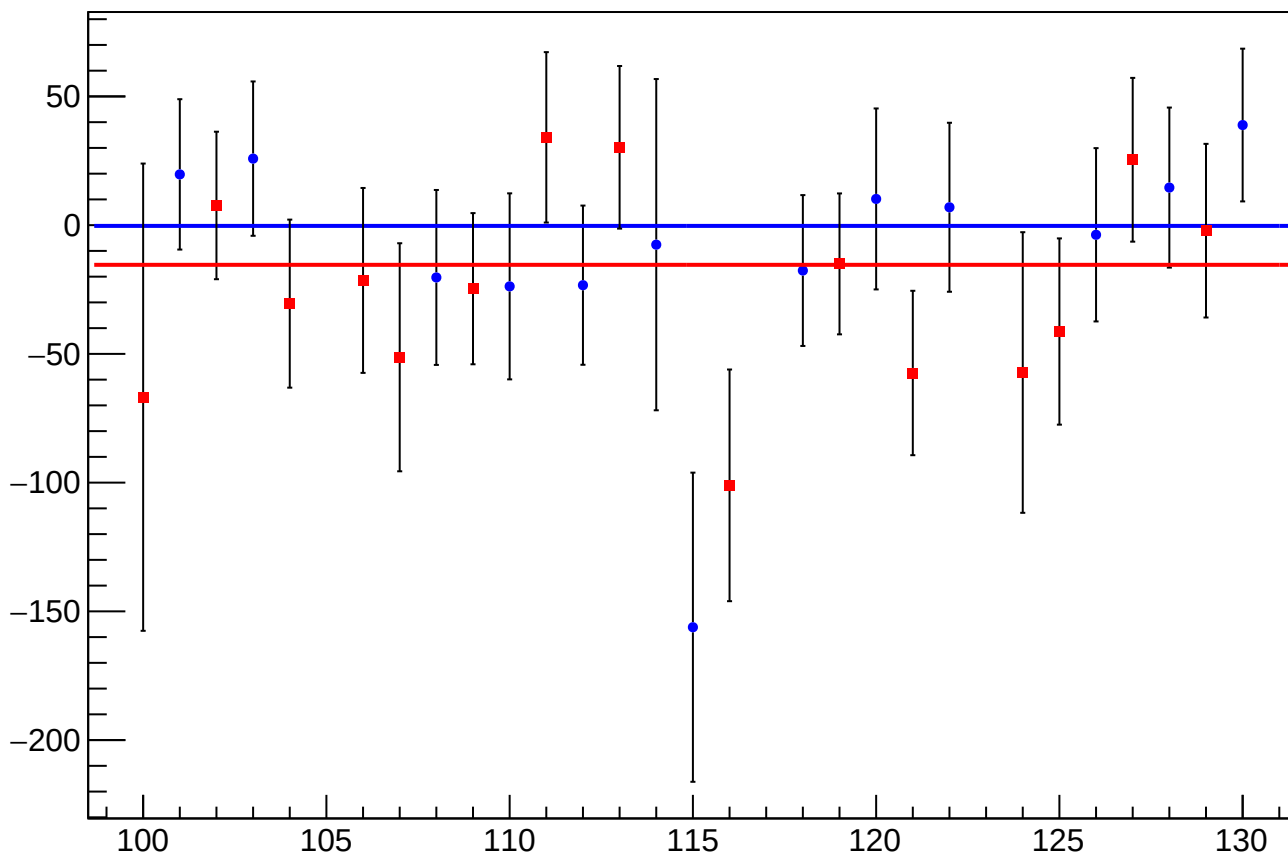
Right: 16.709+/-0.003 χ^2/NDF : 78569.3/27

In: 16.653+/-0.005 χ^2/NDF : 41201.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.709+/-0.003 χ^2/NDF : 78569.3/27

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -0.286 ± 9.349 χ^2/NDF : 11.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -15.406 ± 8.973 χ^2/NDF : 14.6/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

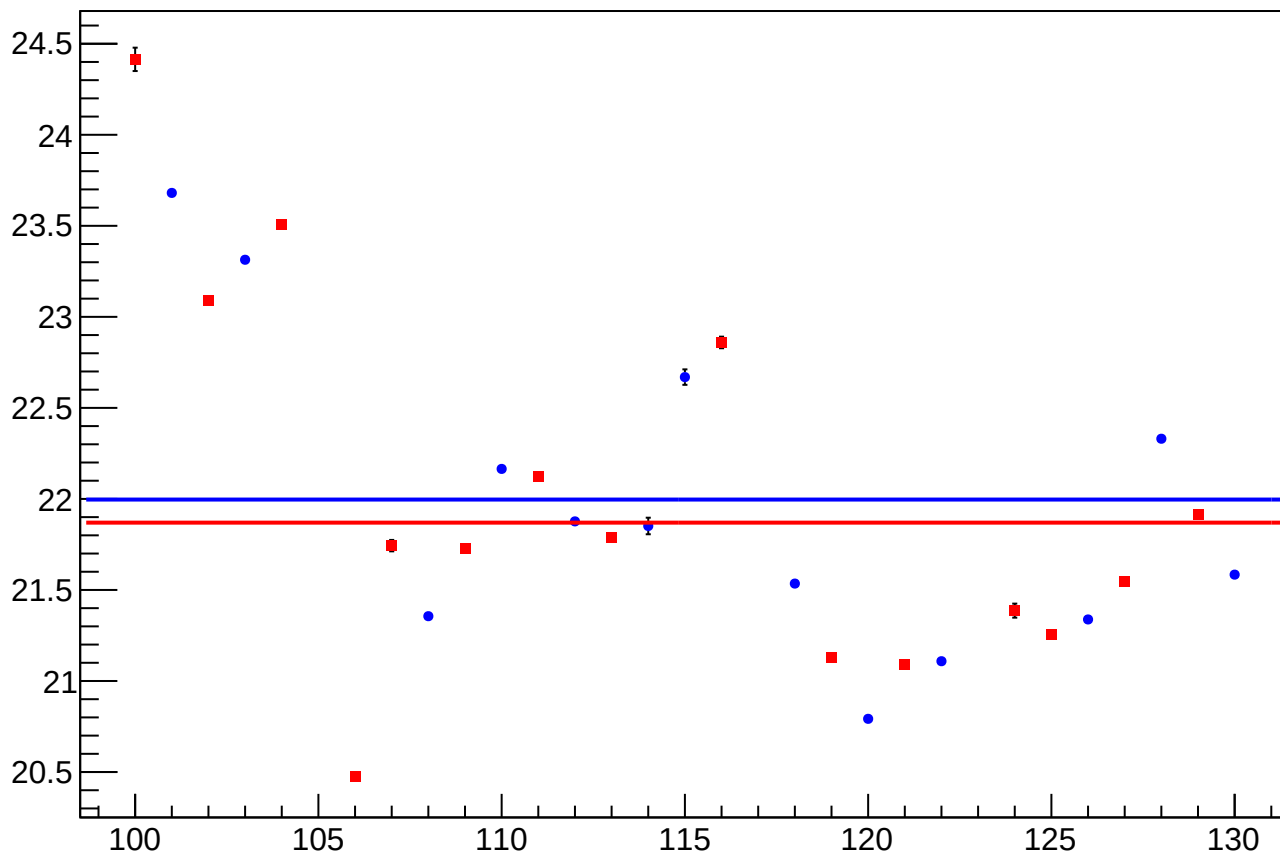
Right: -8.156 ± 6.474 χ^2/NDF : 27.7/27

In: -0.286 ± 9.349 χ^2/NDF : 11.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.156 ± 6.474 χ^2/NDF : 27.7/27

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 21.997+/-0.007 χ^2/NDF : 17252.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.870+/-0.006 χ^2/NDF : 18025.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

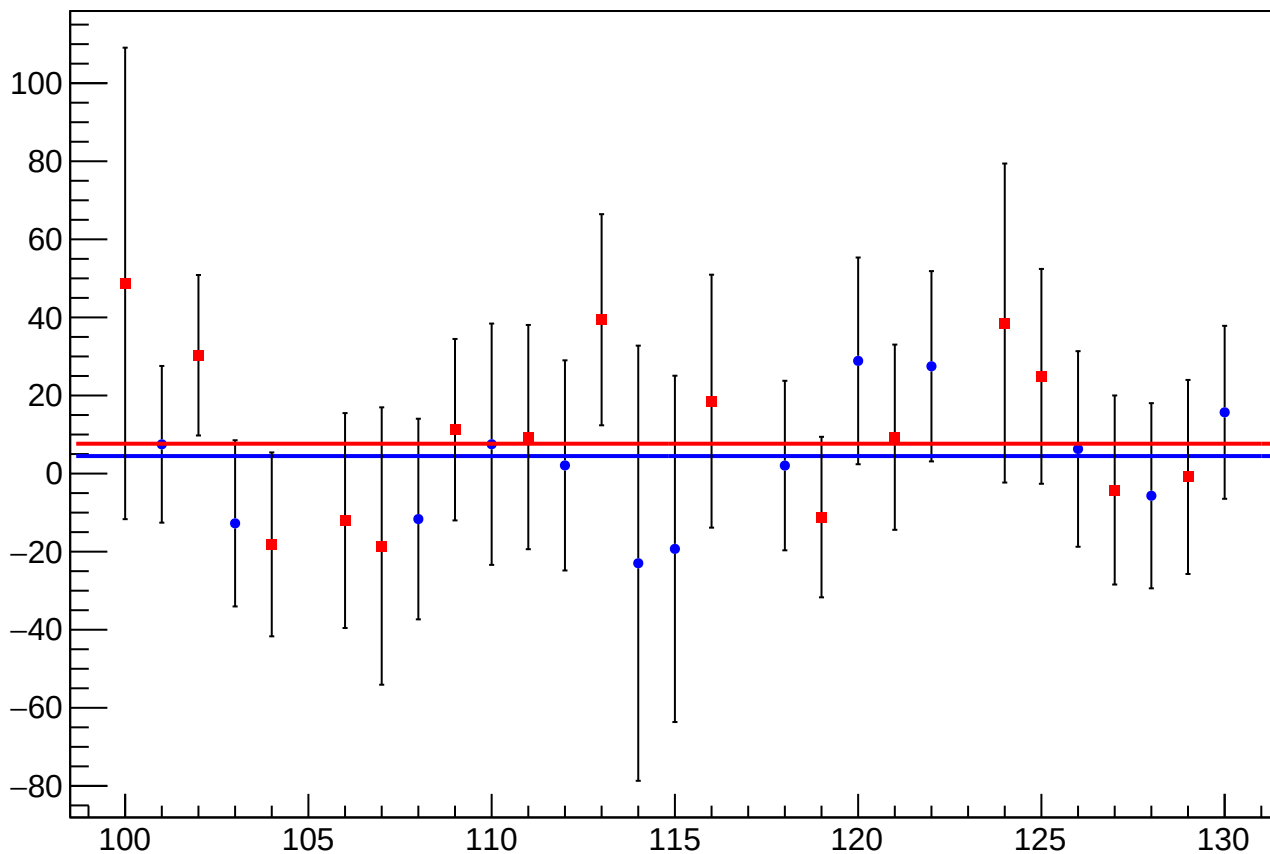
Right: 21.931+/-0.005 χ^2/NDF : 35469.2/27

In: 21.997+/-0.007 χ^2/NDF : 17252.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.931+/-0.005 χ^2/NDF : 35469.2/27

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 4.484+/-7.053 χ^2/NDF : 3.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.650+/-6.848 χ^2/NDF : 7.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

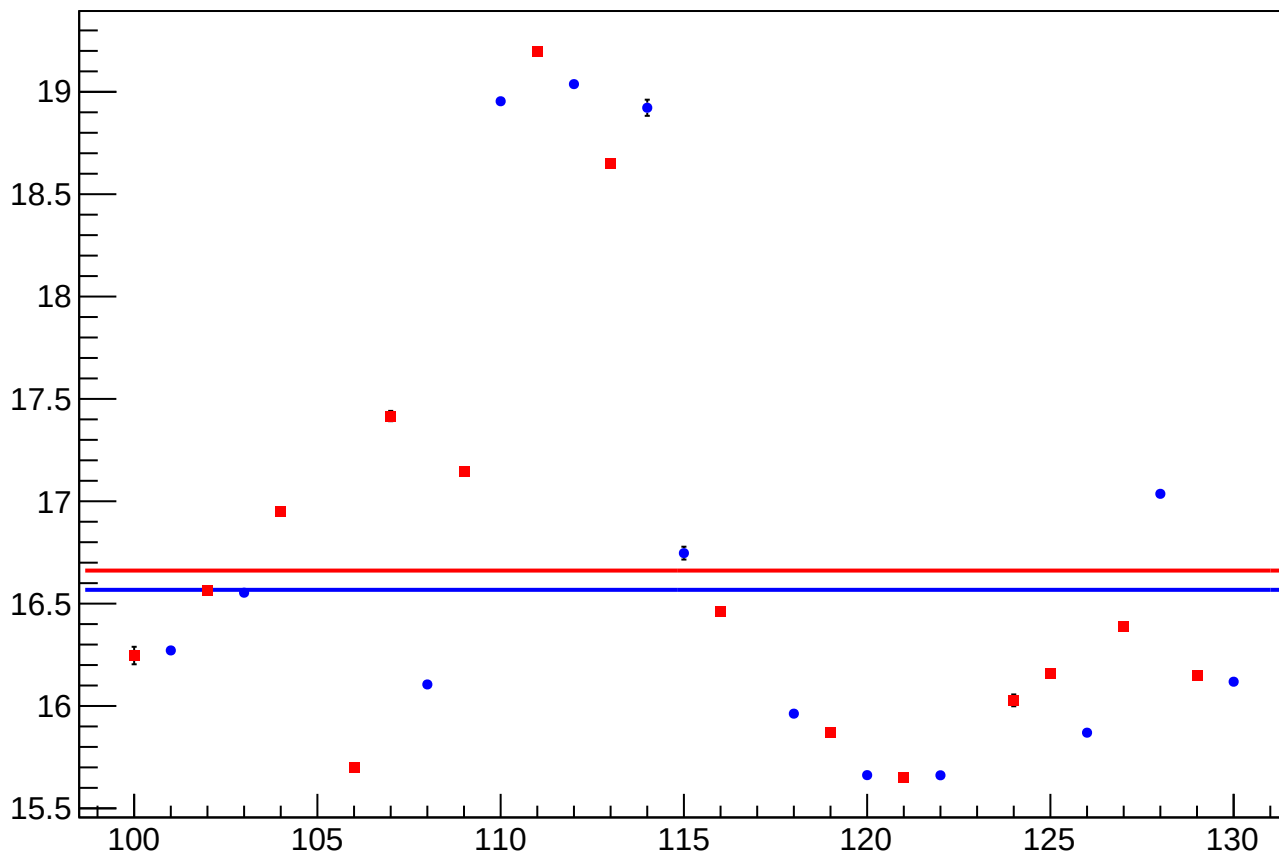
Right: 6.114+/-4.913 χ^2/NDF : 11.5/27

In: 4.484+/-7.053 χ^2/NDF : 3.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.114+/-4.913 χ^2/NDF : 11.5/27

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.567+/-0.005 χ^2/NDF : 43269.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.661+/-0.005 χ^2/NDF : 39960.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

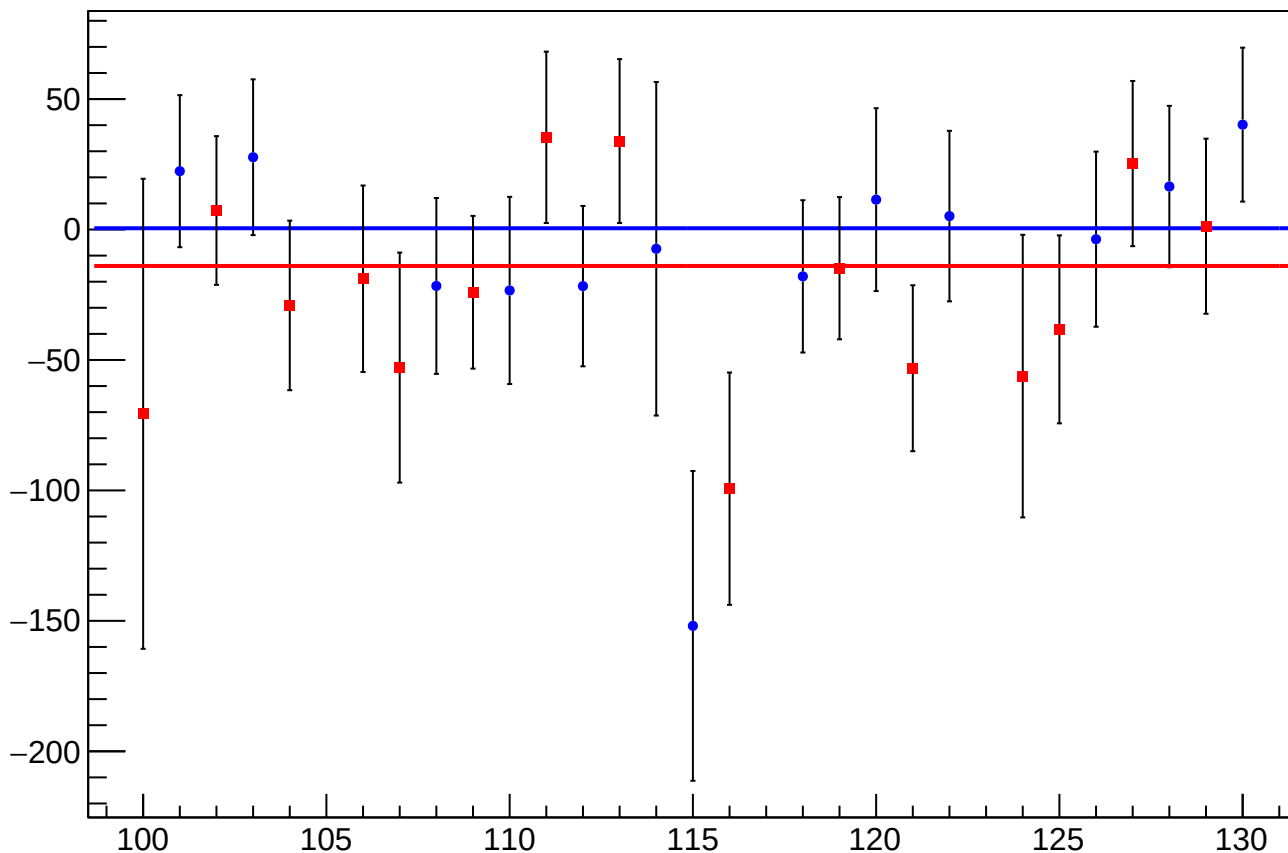
Right: 16.616+/-0.003 χ^2/NDF : 83413.4/27

In: 16.567+/-0.005 χ^2/NDF : 43269.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.616+/-0.003 χ^2/NDF : 83413.4/27

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.486+/-9.305 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.969+/-8.930 χ^2/NDF : 14.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

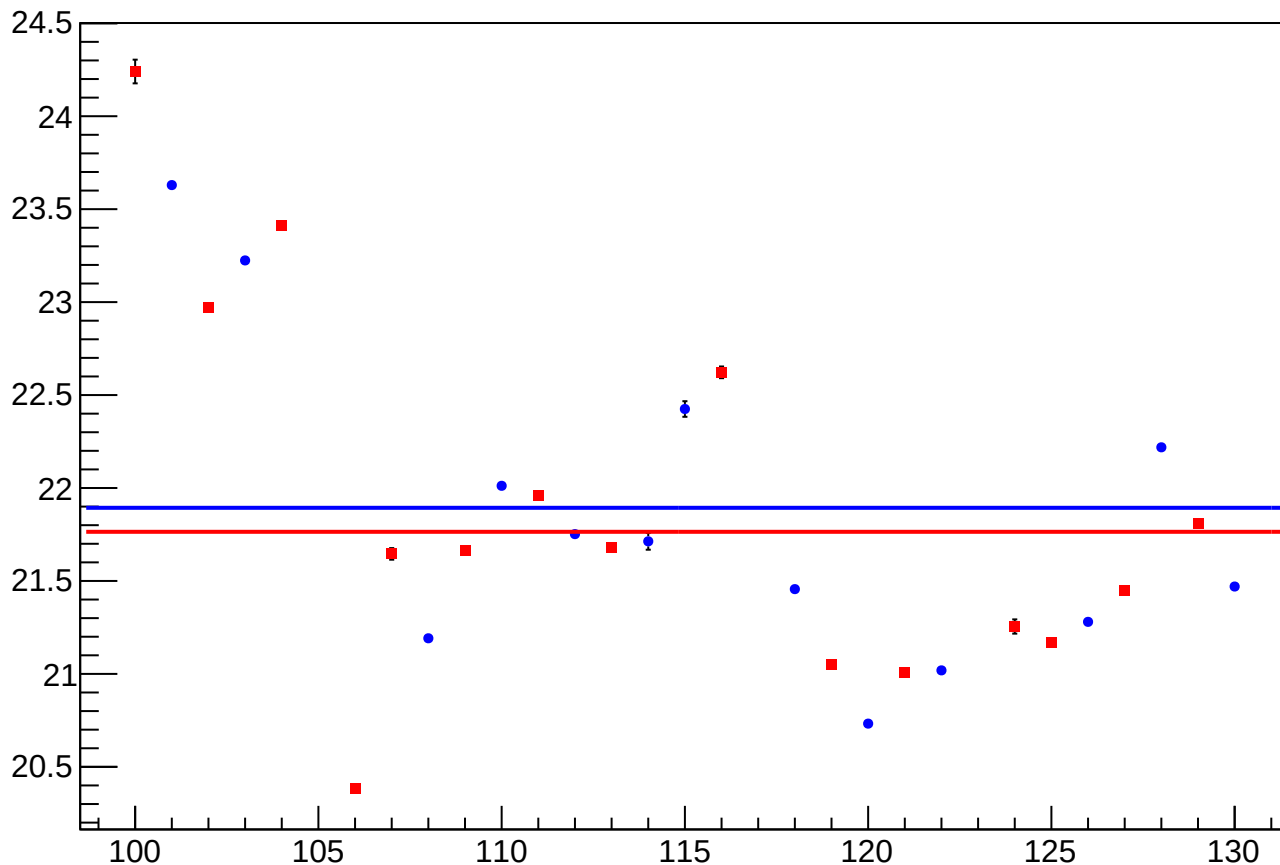
Right: -7.039+/-6.443 χ^2/NDF : 27.9/27

In: 0.486+/-9.305 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.039+/-6.443 χ^2/NDF : 27.9/27

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 21.894+/-0.007 χ^2/NDF : 17556.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.764+/-0.006 χ^2/NDF : 17528.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

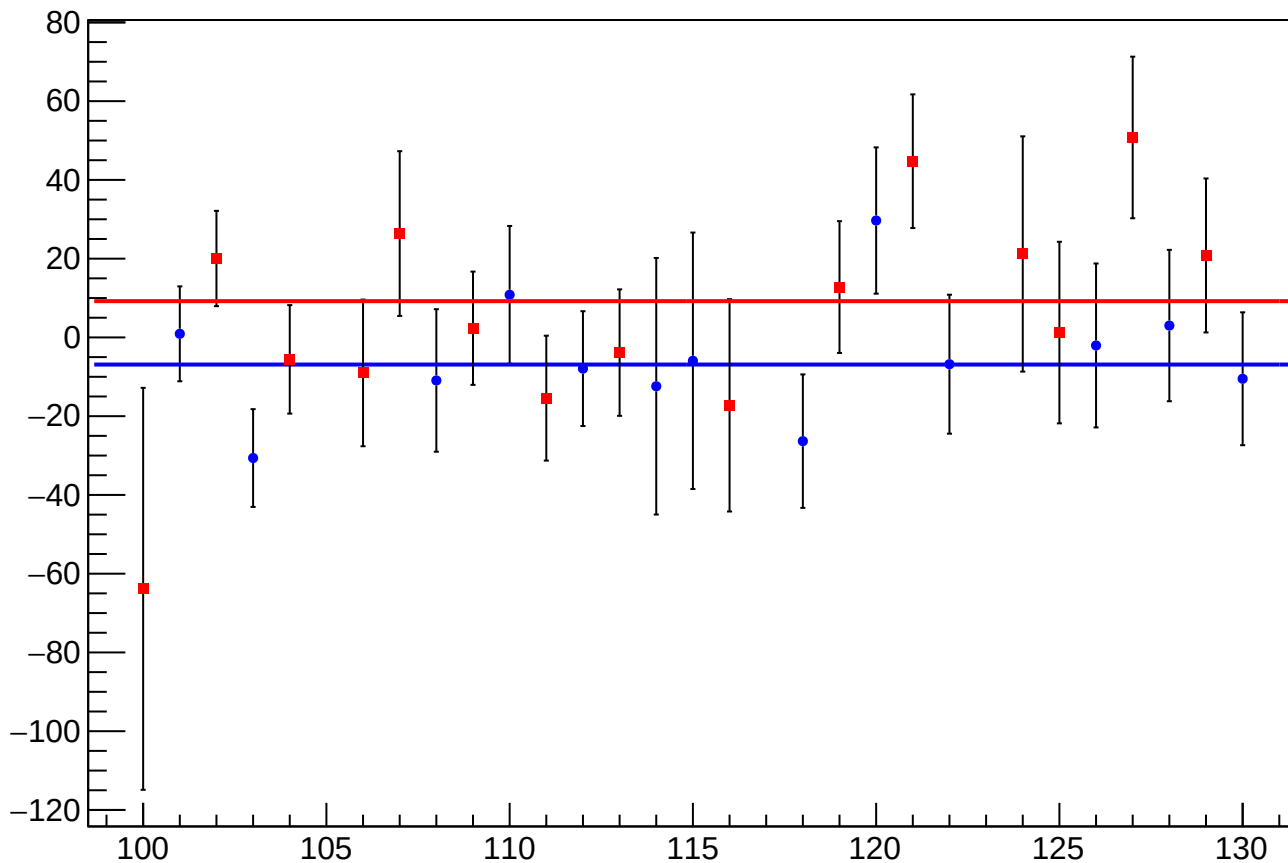
Right: 21.826+/-0.005 χ^2/NDF : 35286.2/27

In: 21.894+/-0.007 χ^2/NDF : 17556.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.826+/-0.005 χ^2/NDF : 35286.2/27

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -6.888+/-4.745 χ^2/NDF : 10.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.213+/-4.625 χ^2/NDF : 19.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

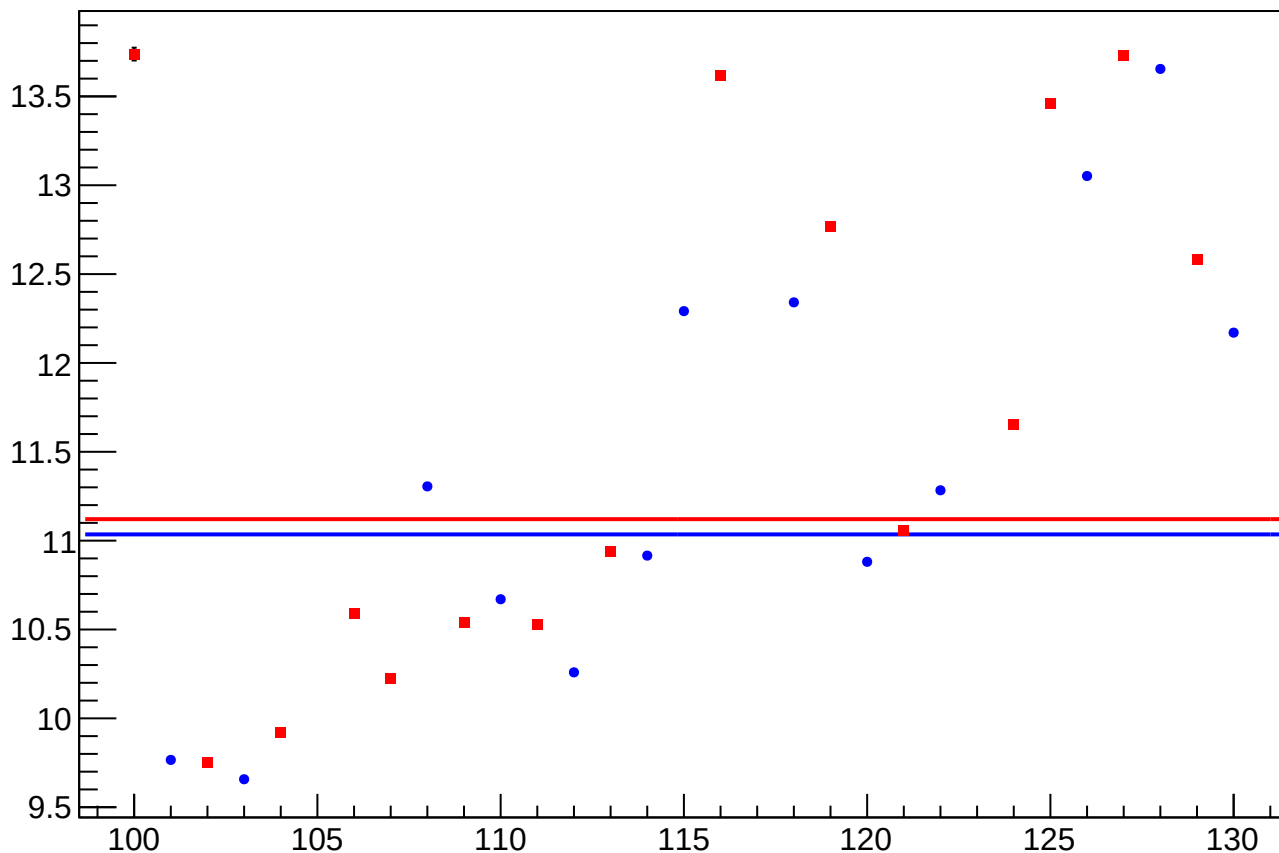
Right: 1.369+/-3.312 χ^2/NDF : 35.7/27

In: -6.888+/-4.745 χ^2/NDF : 10.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.369+/-3.312 χ^2/NDF : 35.7/27

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 11.035+/-0.003 χ^2/NDF : 134180.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.121+/-0.003 χ^2/NDF : 158923.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

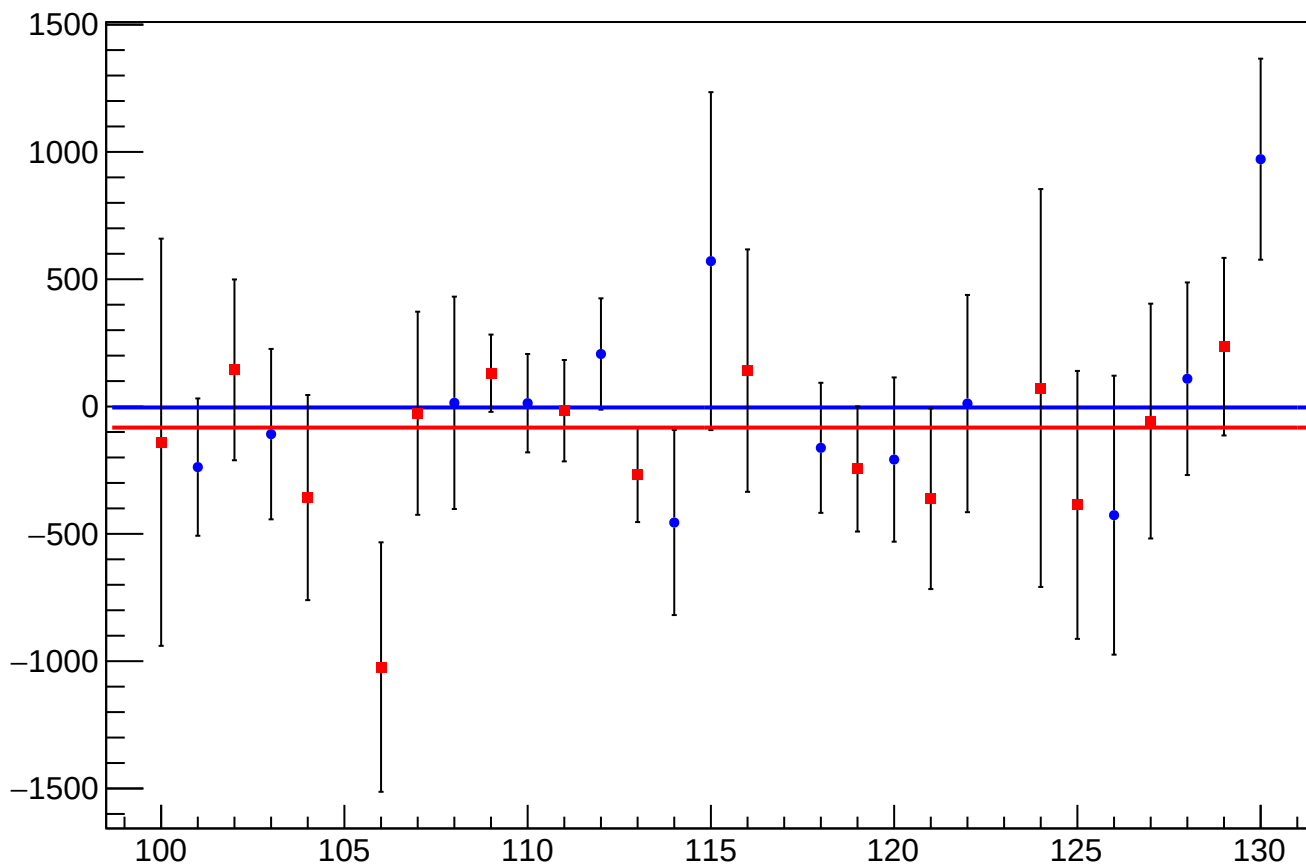
Right: 11.079+/-0.002 χ^2/NDF : 293439.2/27

In: 11.035+/-0.003 χ^2/NDF : 134180.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.079+/-0.002 χ^2/NDF : 293439.2/27

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: -3.549 ± 86.656 $\chi^2/\text{NDF}: 11.7/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -82.548 ± 76.518 $\chi^2/\text{NDF}: 10.2/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

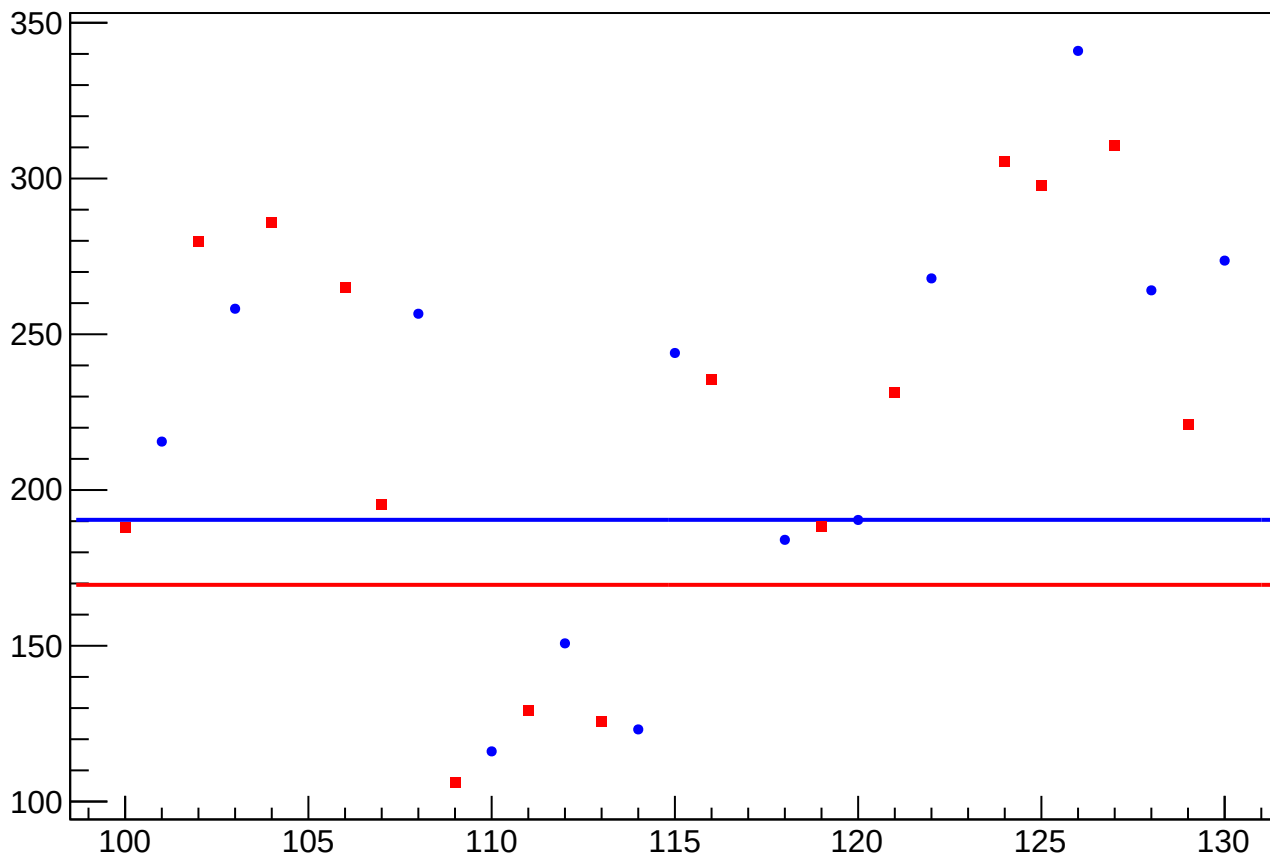
Right: -47.938 ± 57.358 $\chi^2/\text{NDF}: 22.3/27$

In: -3.549 ± 86.656 $\chi^2/\text{NDF}: 11.7/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -47.938 ± 57.358 $\chi^2/\text{NDF}: 22.3/27$

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 190.432+/-0.061 χ^2/NDF : 976206.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 169.560+/-0.054 χ^2/NDF : 1507518.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

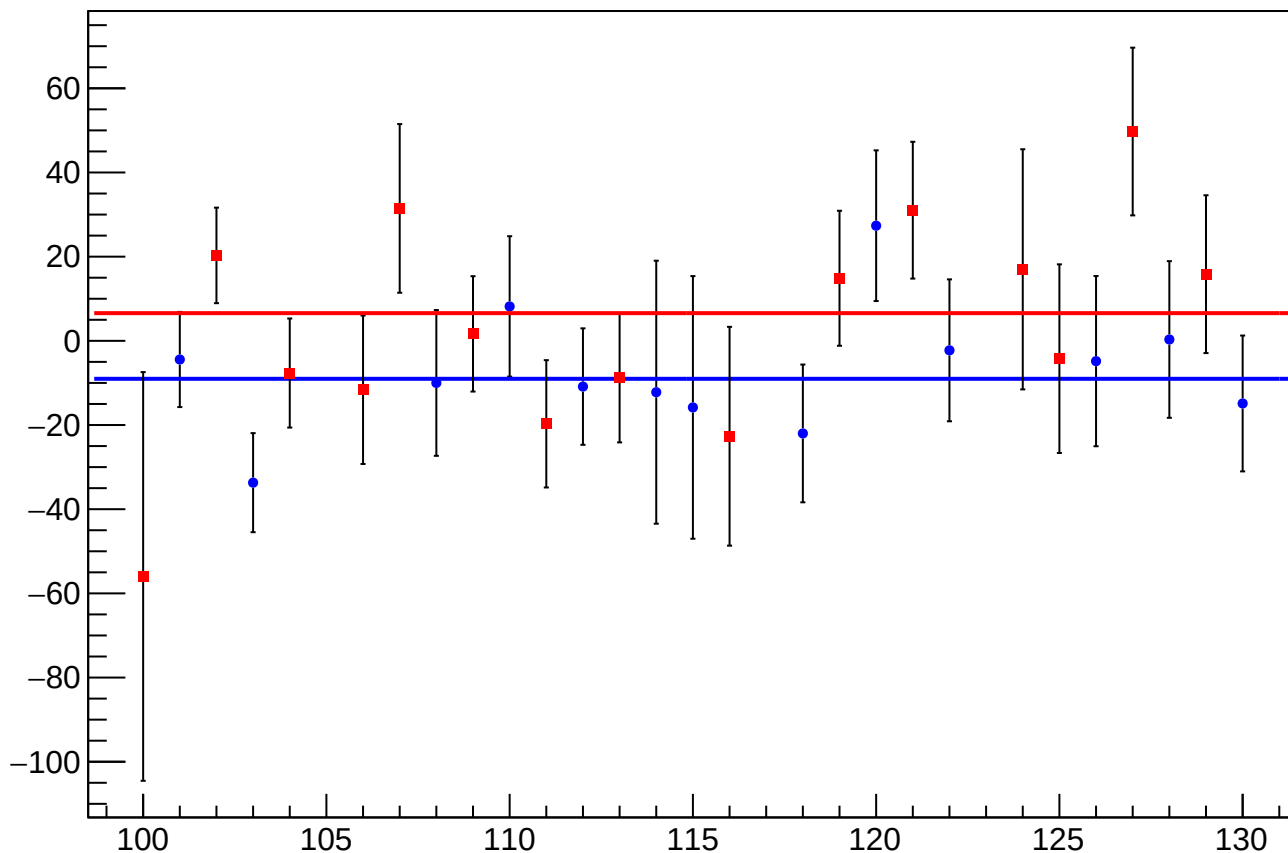
Right: 178.704+/-0.041 χ^2/NDF : 2548920.2/27

In: 190.432+/-0.061 χ^2/NDF :976206.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 178.704+/-0.041 χ^2/NDF : 2548920.2/27

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -9.020+/-4.527 χ^2/NDF : 11.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.582+/-4.405 χ^2/NDF : 20.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

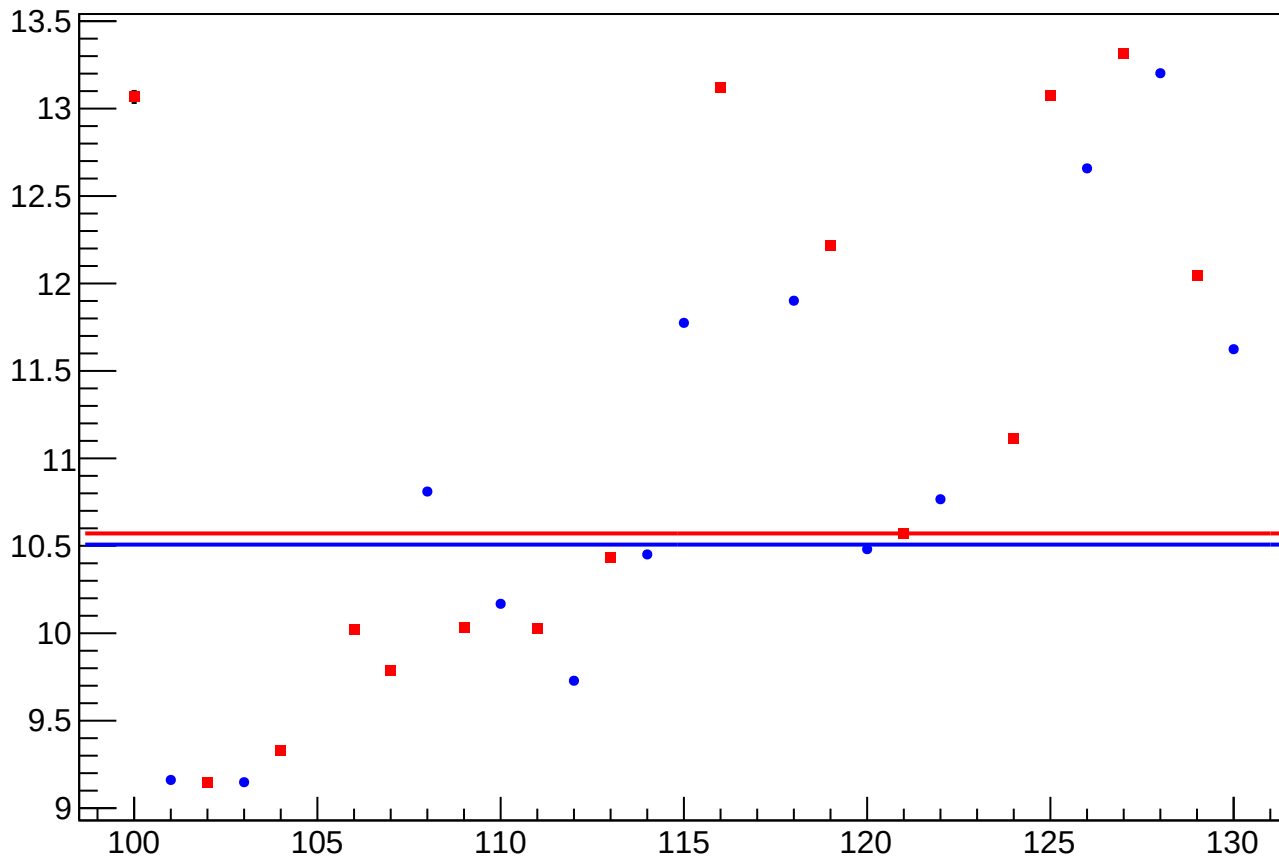
Right: -1.007+/-3.157 χ^2/NDF : 37.3/27

In: -9.020+/-4.527 χ^2/NDF : 11.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.007+/-3.157 χ^2/NDF : 37.3/27

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.507+/-0.003 χ^2/NDF : 155276.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.571+/-0.003 χ^2/NDF : 182322.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

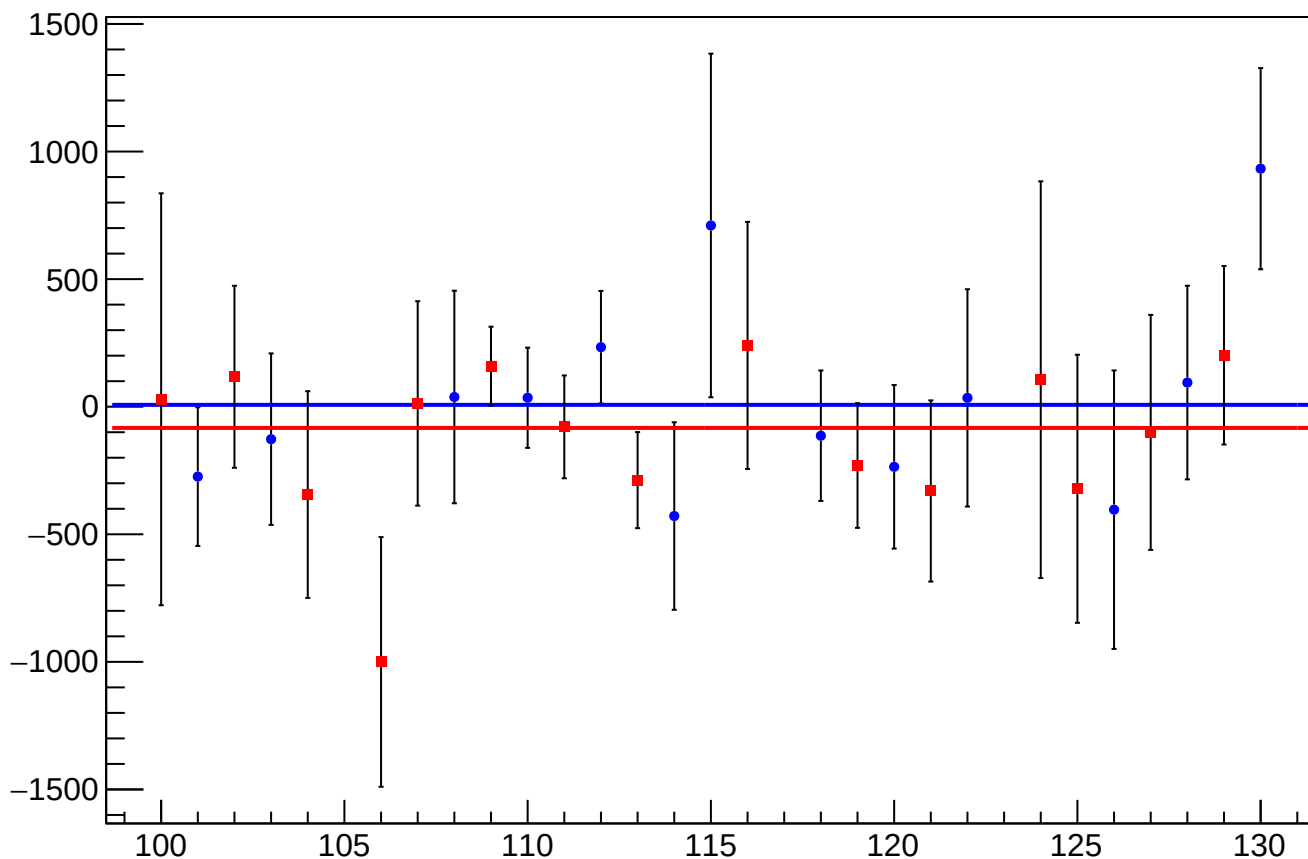
Right: 10.540+/-0.002 χ^2/NDF : 337803.1/27

In: 10.507+/-0.003 χ^2/NDF : 155276.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.540+/-0.002 χ^2/NDF : 337803.1/27

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 7.274+/-87.181 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -83.141+/-77.223 χ^2/NDF : 10.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

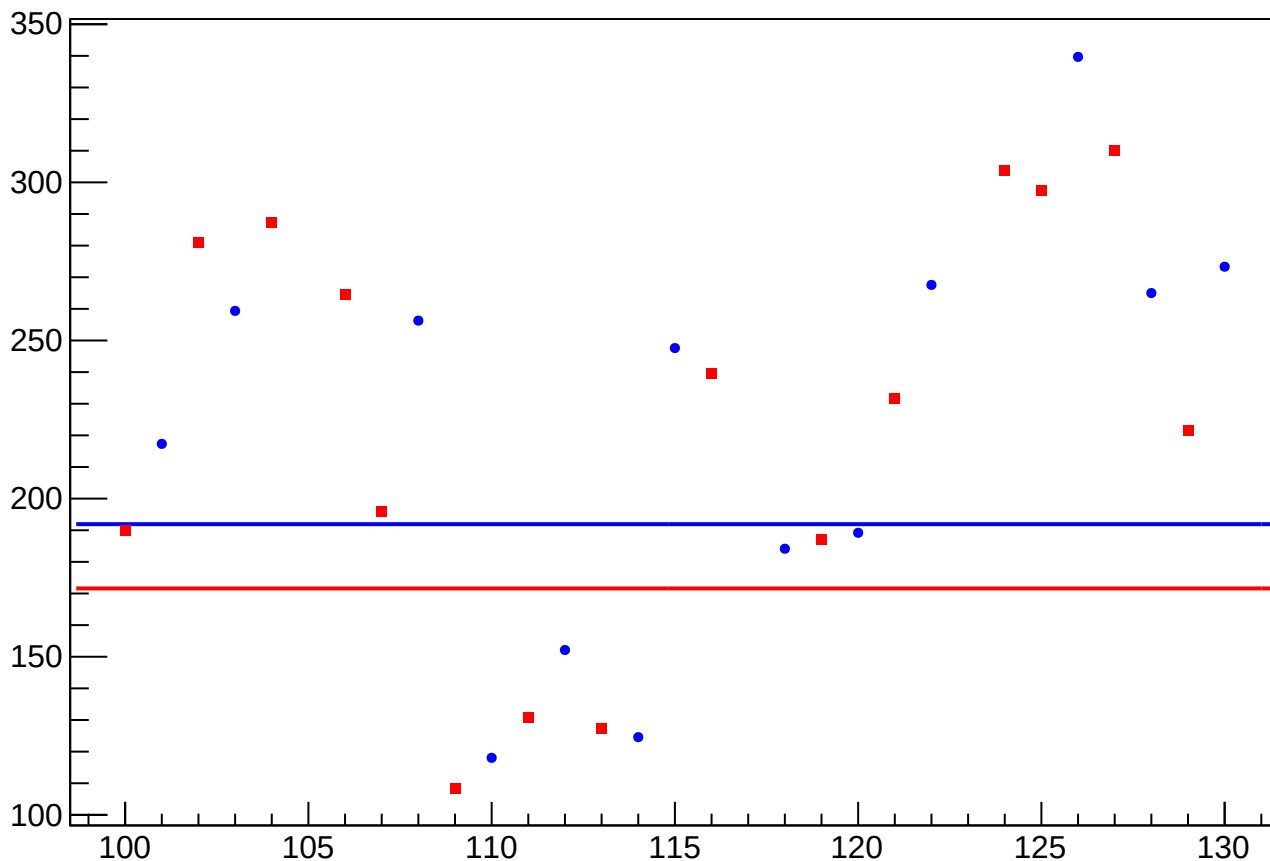
Right: -43.390+/-57.806 χ^2/NDF : 22.5/27

In: 7.274+/-87.181 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -43.390+/-57.806 χ^2/NDF : 22.5/27

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 191.924+/-0.062 χ^2/NDF : 946122.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 171.599+/-0.055 χ^2/NDF : 1459134.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

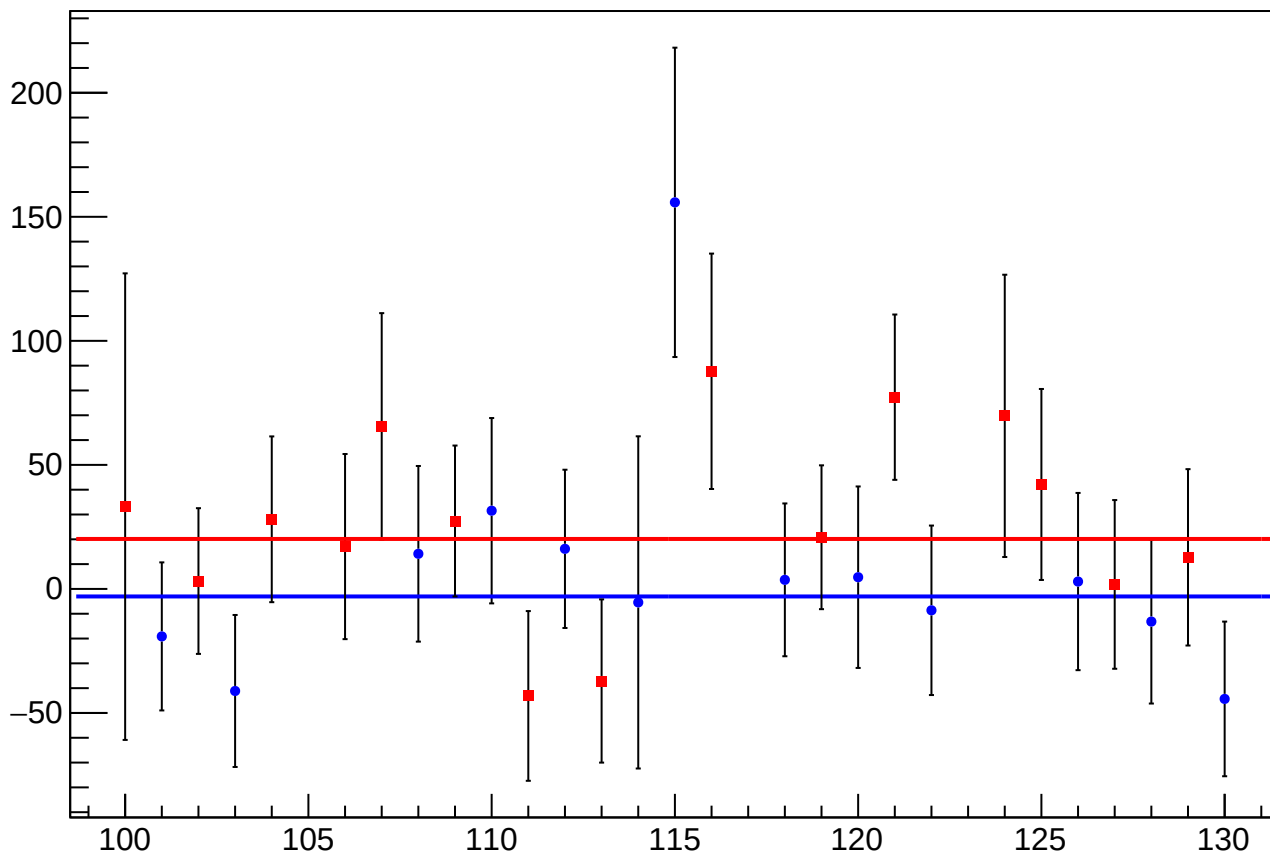
Right: 180.535+/-0.041 χ^2/NDF : 2466167.1/27

In: 191.924+/-0.062 χ^2/NDF :946122.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 180.535+/-0.041 χ^2/NDF : 2466167.1/27

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -3.036+/-9.734 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 20.144+/-9.366 χ^2/NDF : 14.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

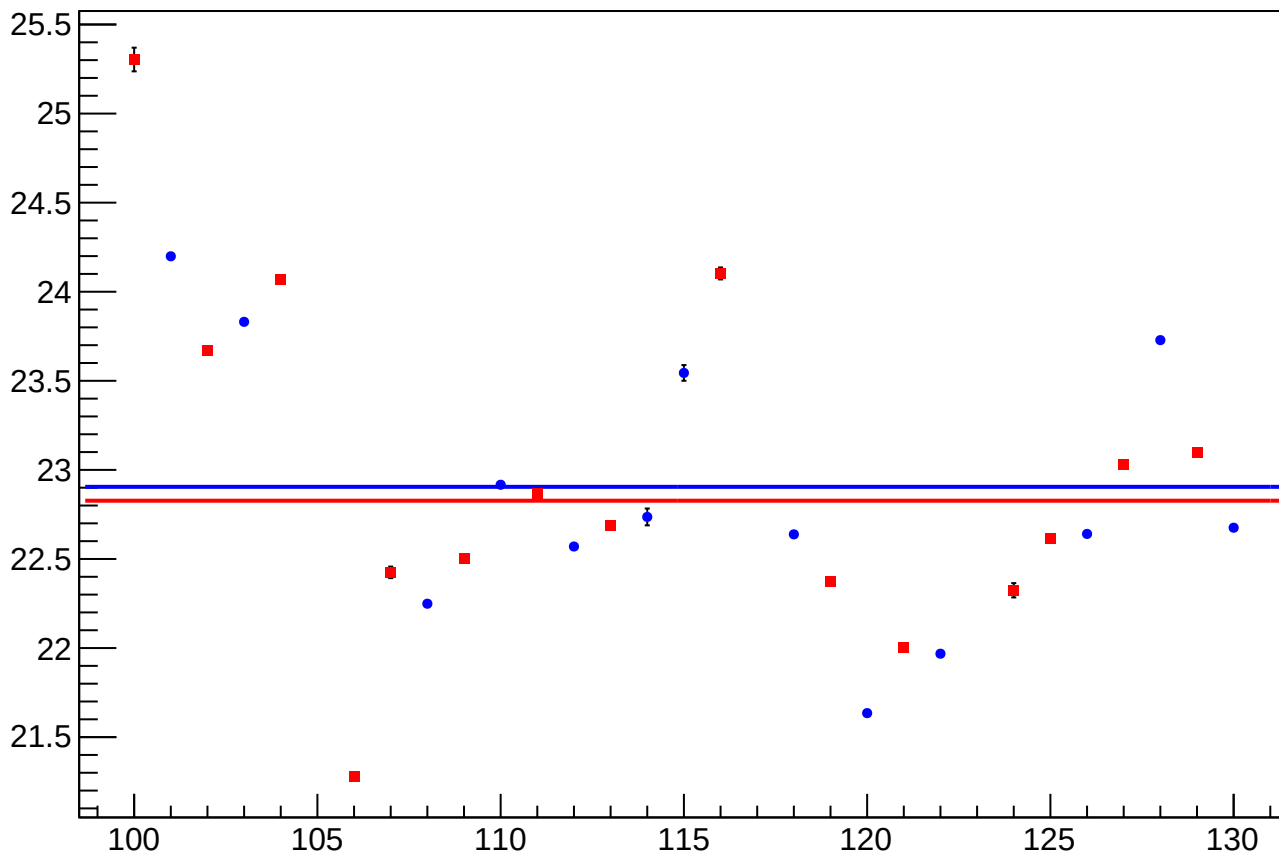
Right: 9.001+/-6.749 χ^2/NDF : 29.0/27

In: -3.036+/-9.734 χ^2/NDF :11.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 9.001+/-6.749 χ^2/NDF : 29.0/27

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.905+/-0.007 χ^2/NDF : 12245.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.827+/-0.007 χ^2/NDF : 13201.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

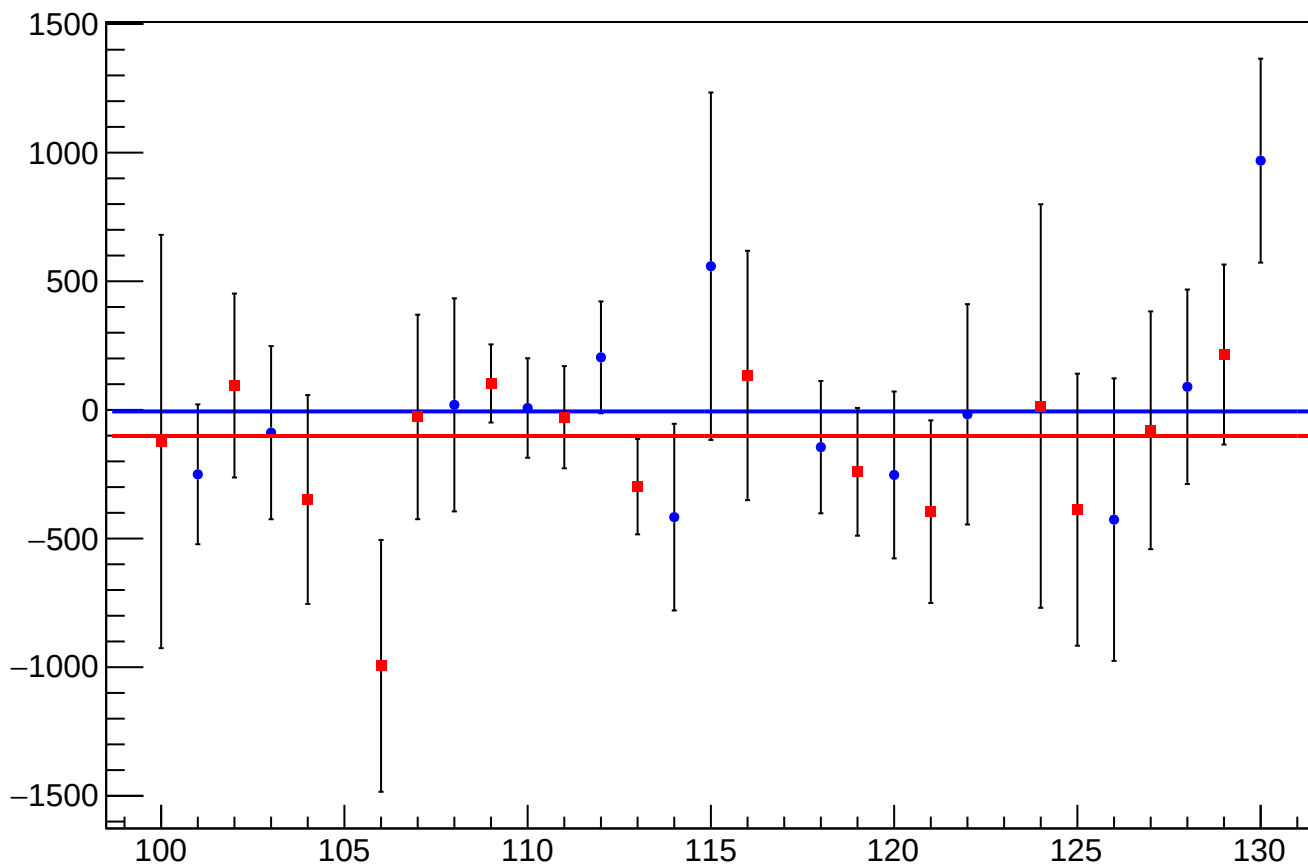
Right: 22.865+/-0.005 χ^2/NDF : 25513.0/27

In: 22.905+/-0.007 χ^2/NDF : 12245.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.865+/-0.005 χ^2/NDF : 25513.0/27

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -5.875 ± 86.820 $\chi^2/\text{NDF}: 11.4/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -101.430 ± 76.644 $\chi^2/\text{NDF}: 9.5/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

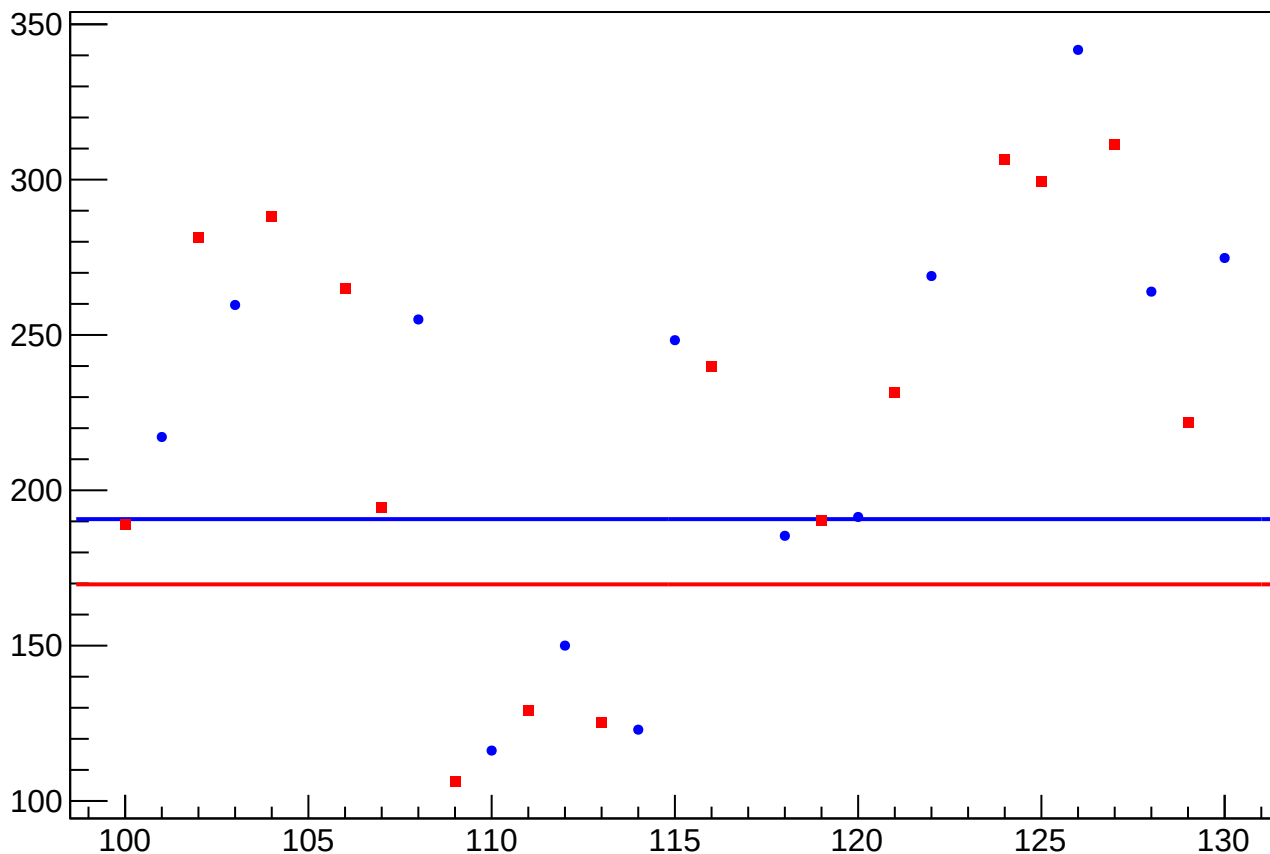
Right: -59.578 ± 57.458 $\chi^2/\text{NDF}: 21.5/27$

In: -5.875 ± 86.820 $\chi^2/\text{NDF}: 11.4/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -59.578 ± 57.458 $\chi^2/\text{NDF}: 21.5/27$

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 190.720+/-0.061 χ^2/NDF : 986416.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 169.724+/-0.054 χ^2/NDF : 1526831.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

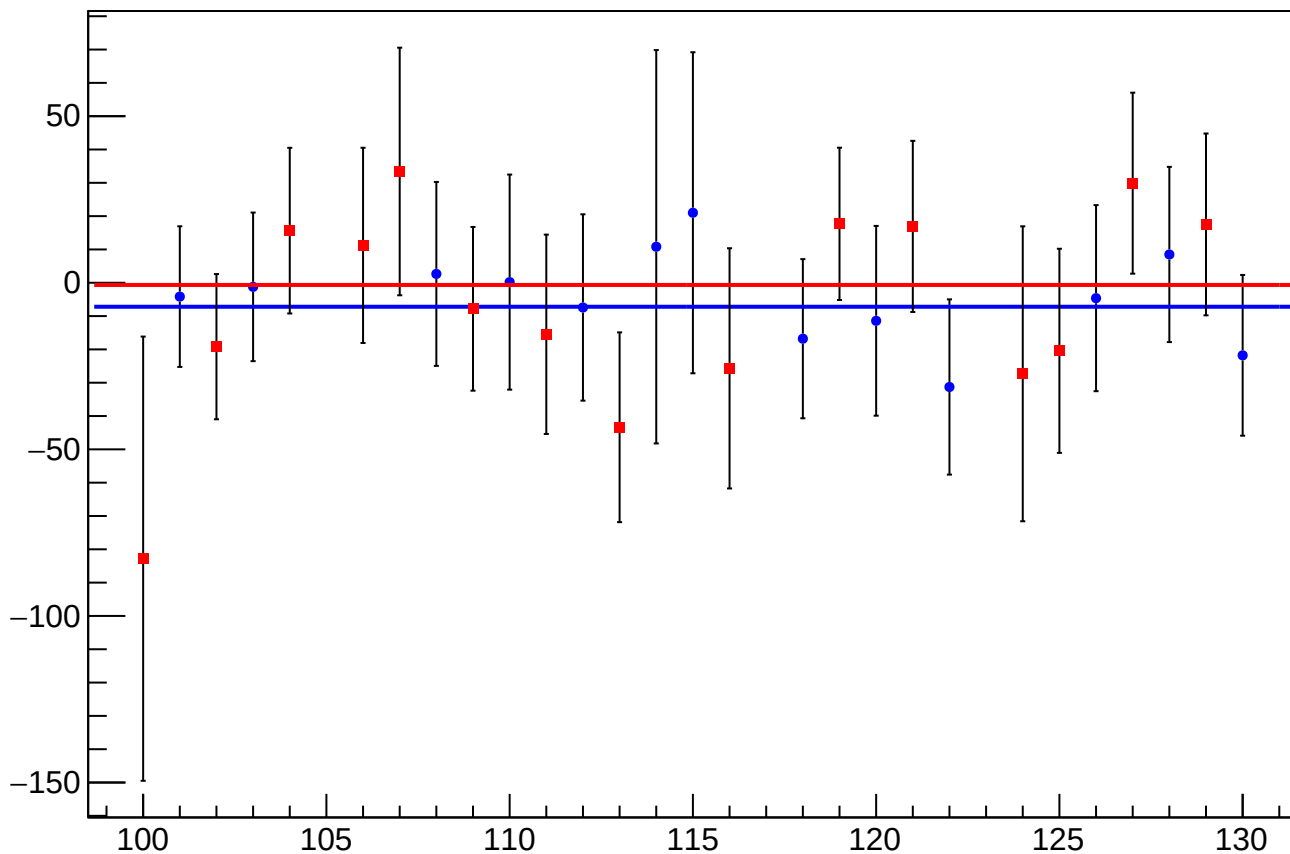
Right: 178.920+/-0.041 χ^2/NDF : 2578985.5/27

In: 190.720+/-0.061 χ^2/NDF :986416.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 178.920+/-0.041 χ^2/NDF : 2578985.5/27

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -7.197 $\pm$ 7.580 χ^2 /NDF: 2.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.659 $\pm$ 7.388 χ^2 /NDF: 10.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

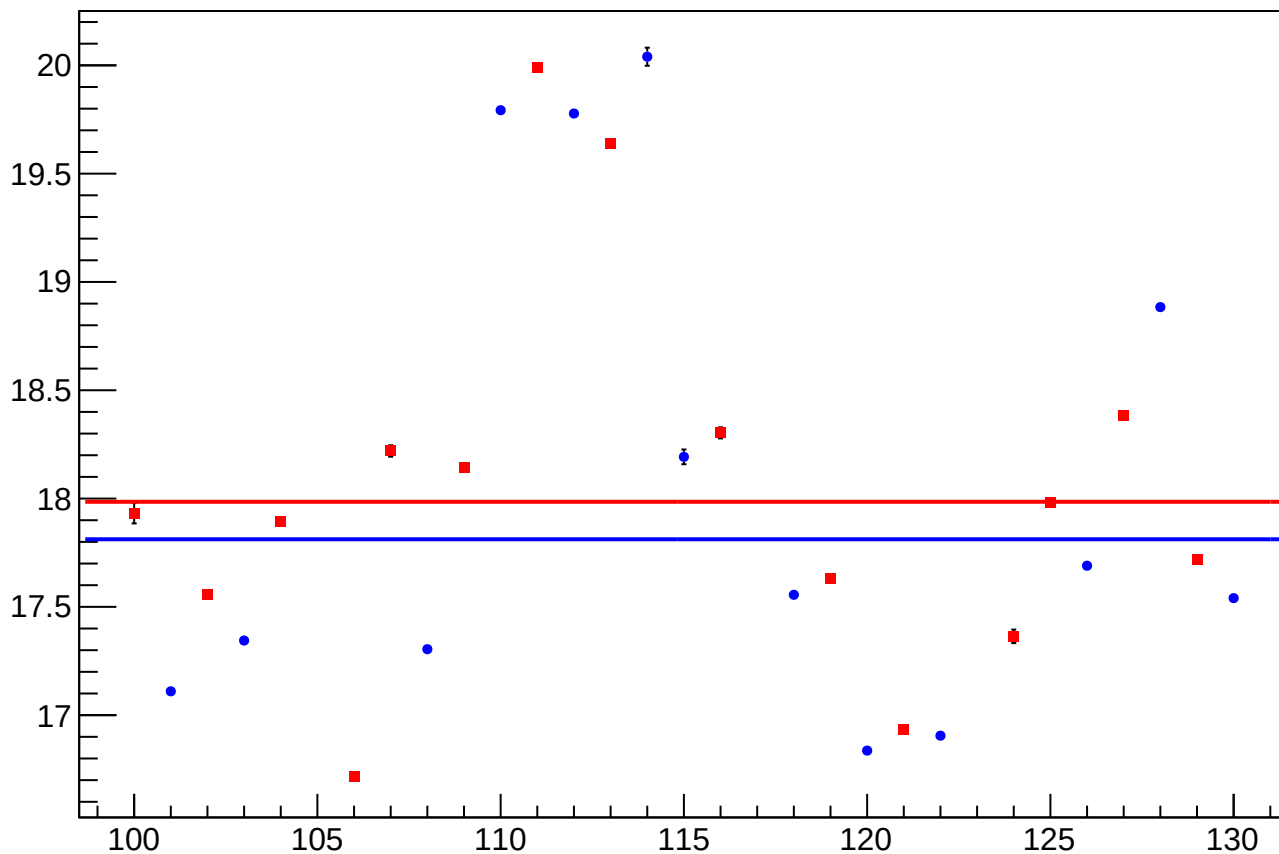
Right: -3.844 $\pm$ 5.291 χ^2 /NDF: 13.2/27

In: -7.197 $\pm$ 7.580 χ^2 /NDF:2.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -3.844 $\pm$ 5.291 χ^2 /NDF: 13.2/27

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.812+/-0.005 χ^2/NDF : 32722.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 17.985+/-0.005 χ^2/NDF : 25426.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

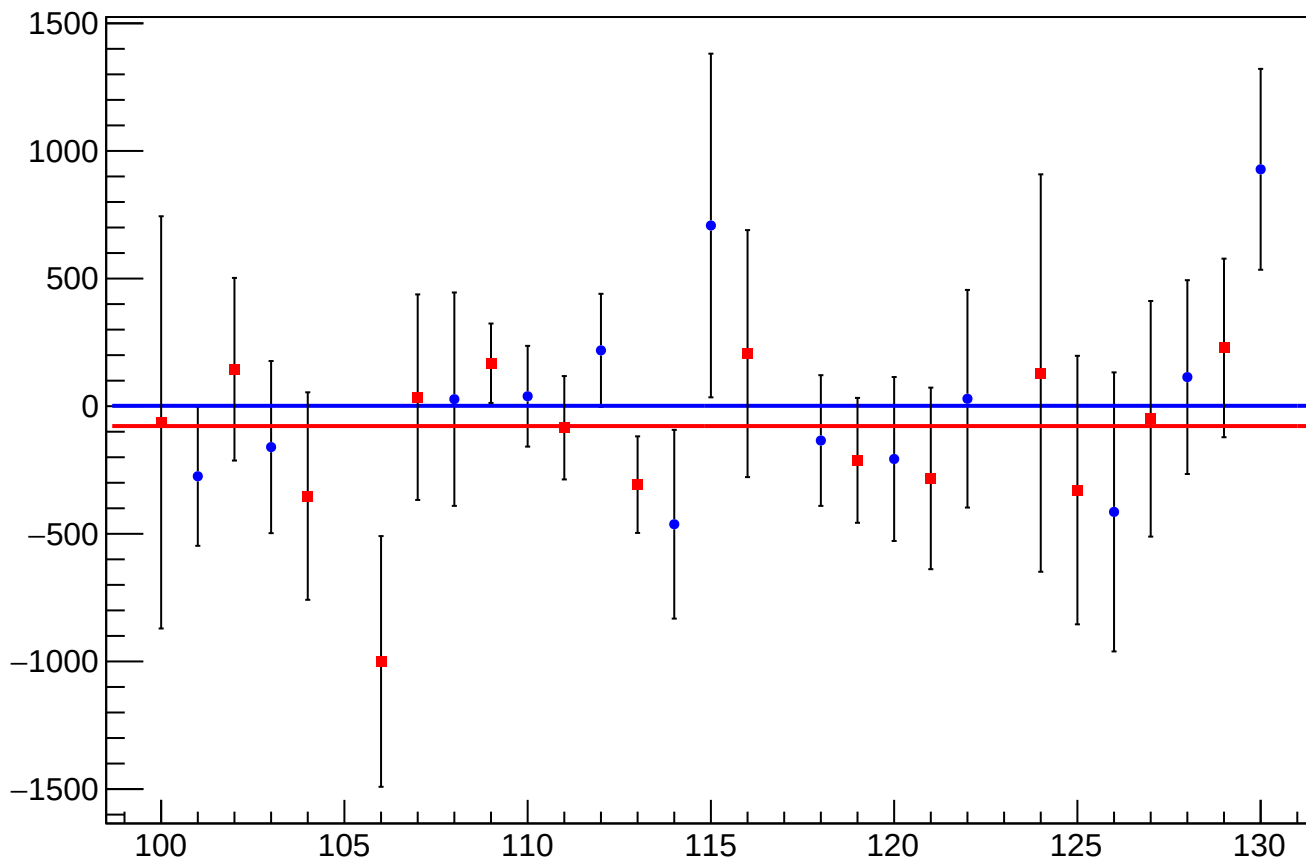
Right: 17.901+/-0.004 χ^2/NDF : 58683.7/27

In: 17.812+/-0.005 χ^2/NDF :32722.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 17.901+/-0.004 χ^2/NDF : 58683.7/27

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 1.464+/-87.453 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -77.852+/-77.519 χ^2/NDF : 10.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

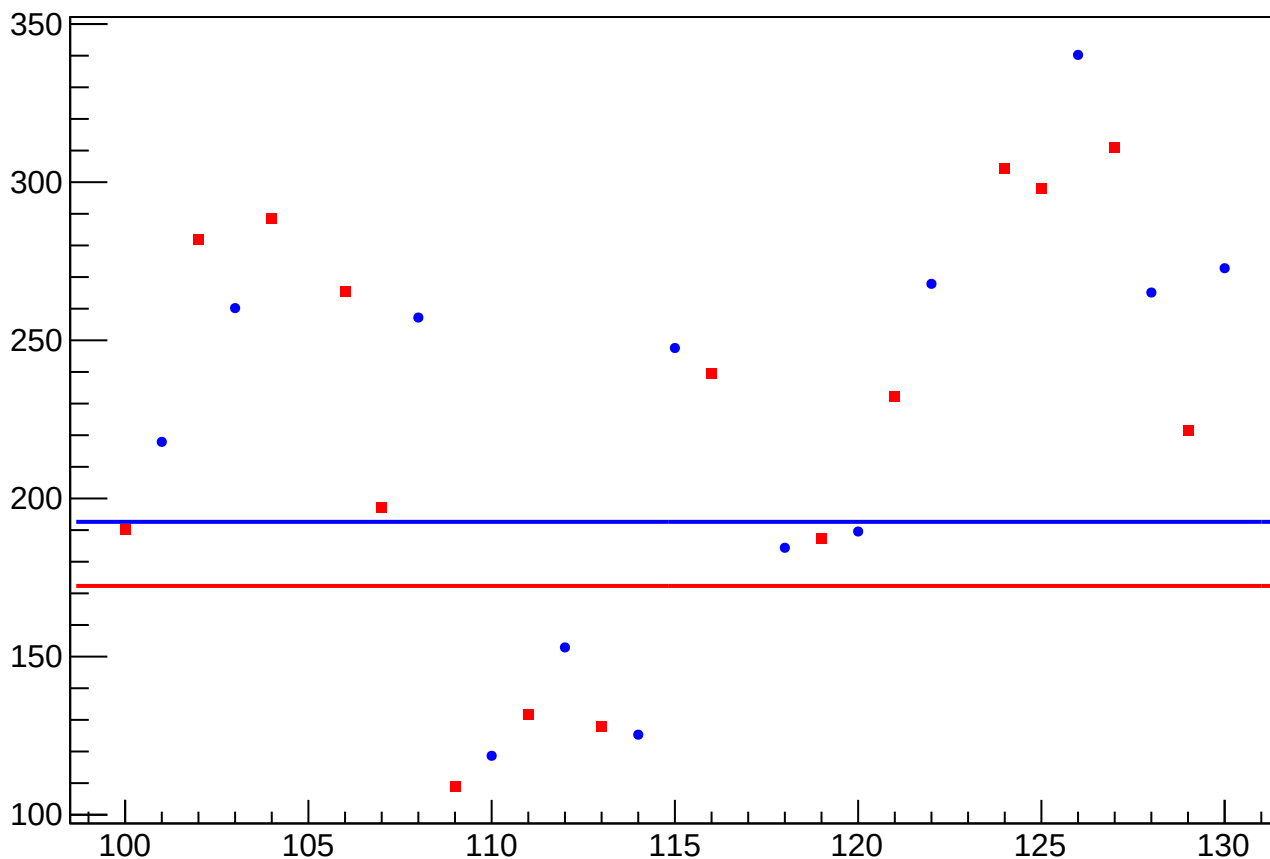
Right: -42.953+/-58.010 χ^2/NDF : 22.8/27

In: 1.464+/-87.453 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.953+/-58.010 χ^2/NDF : 22.8/27

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 192.611+/-0.062 χ^2/NDF : 936511.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 172.346+/-0.055 χ^2/NDF : 1448522.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

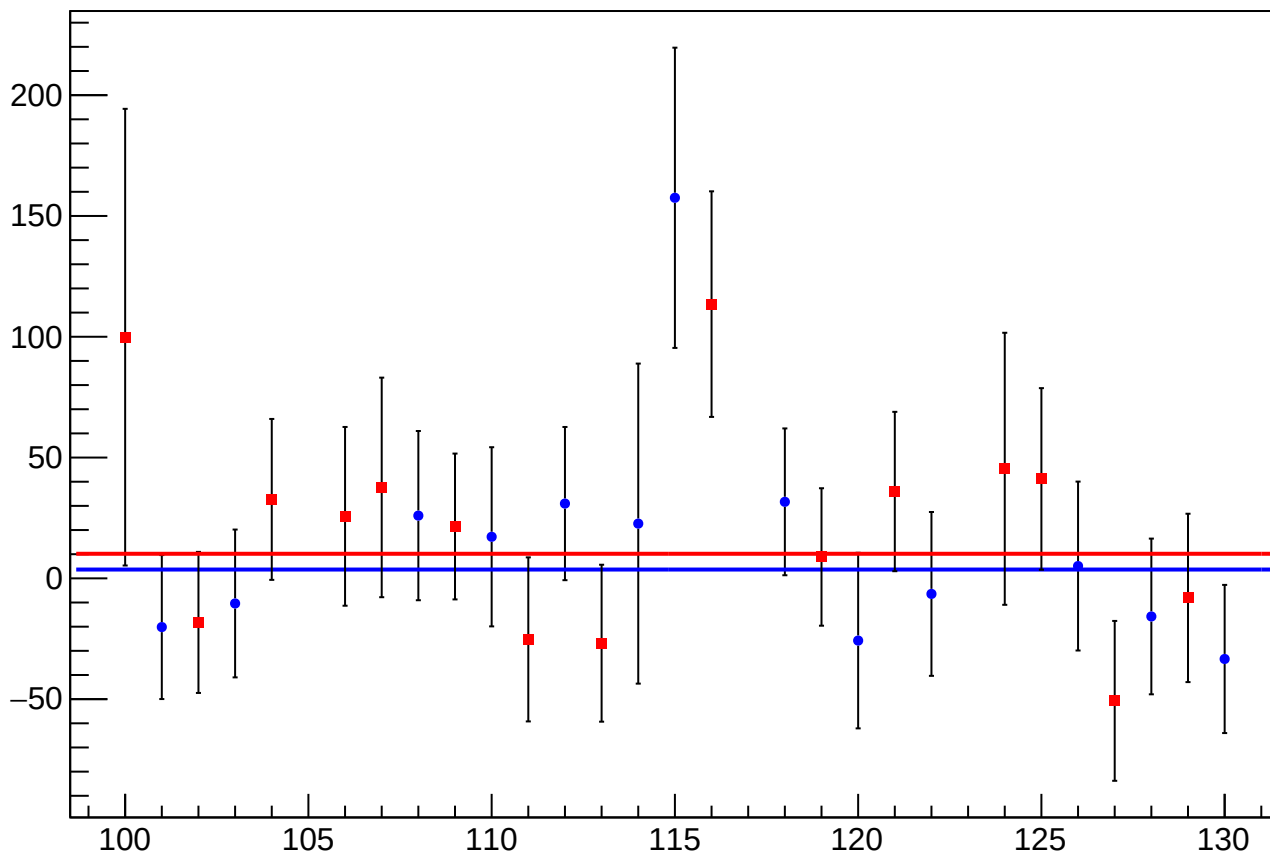
Right: 181.263+/-0.041 χ^2/NDF : 2445173.1/27

In: 192.611+/-0.062 χ^2/NDF : 936511.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.263+/-0.041 χ^2/NDF : 2445173.1/27

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 3.649+/-9.634 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.174+/-9.249 χ^2/NDF : 15.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

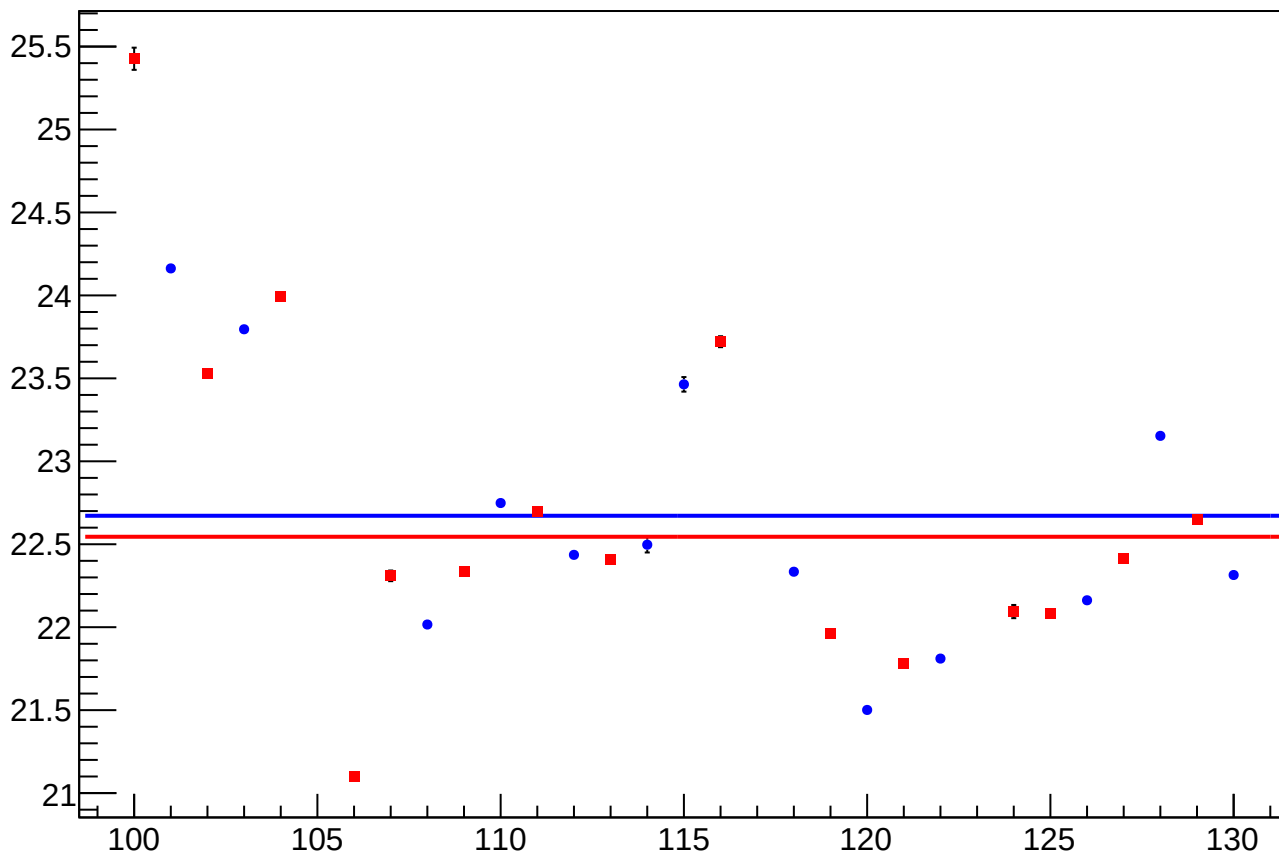
Right: 7.045+/-6.672 χ^2/NDF : 27.6/27

In: 3.649+/-9.634 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.045+/-6.672 χ^2/NDF : 27.6/27

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.672+/-0.007 χ^2/NDF : 13620.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.545+/-0.007 χ^2/NDF : 14842.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

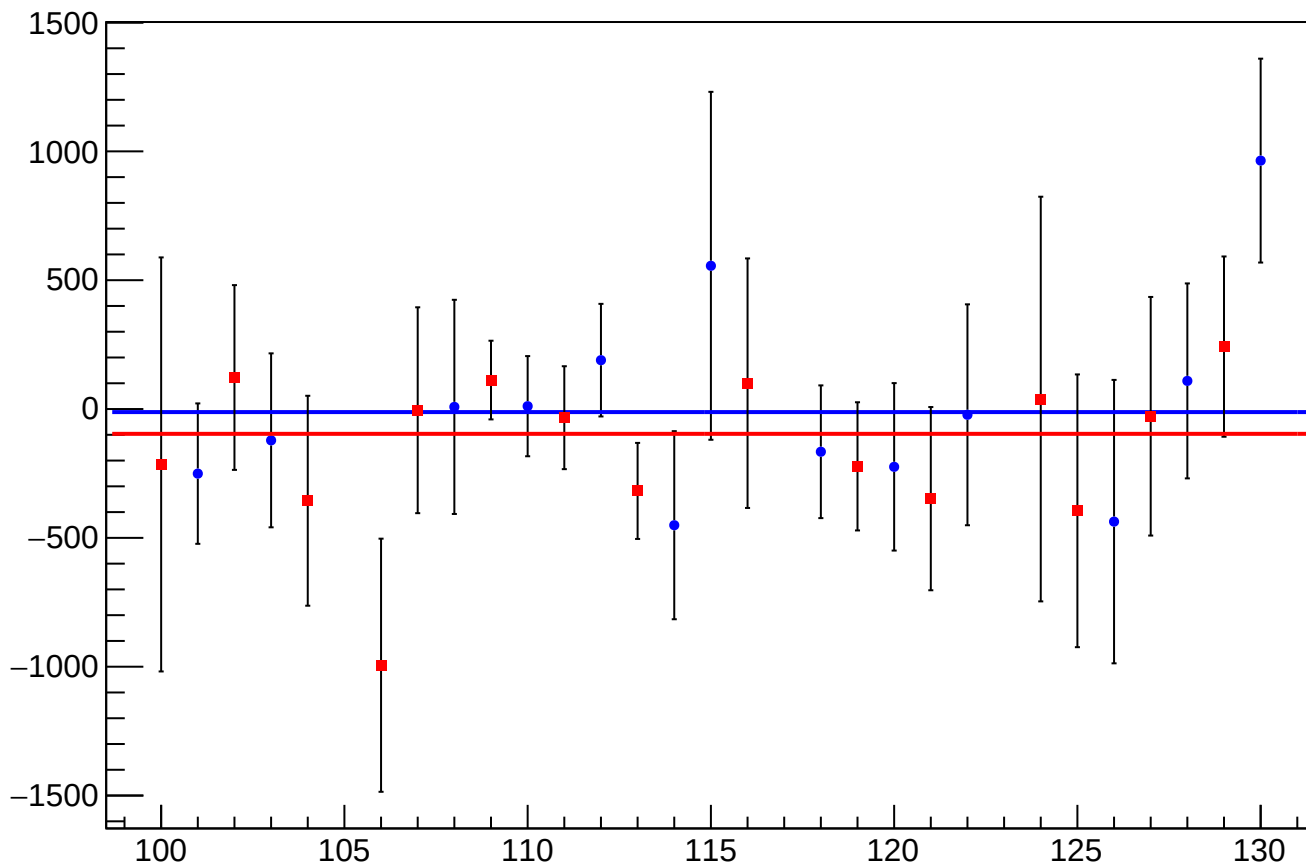
Right: 22.606+/-0.005 χ^2/NDF : 28642.5/27

In: 22.672+/-0.007 χ^2/NDF : 13620.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.606+/-0.005 χ^2/NDF : 28642.5/27

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -11.852 ± 87.096 $\chi^2/\text{NDF}: 11.5/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -96.273 ± 76.944 $\chi^2/\text{NDF}: 9.8/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

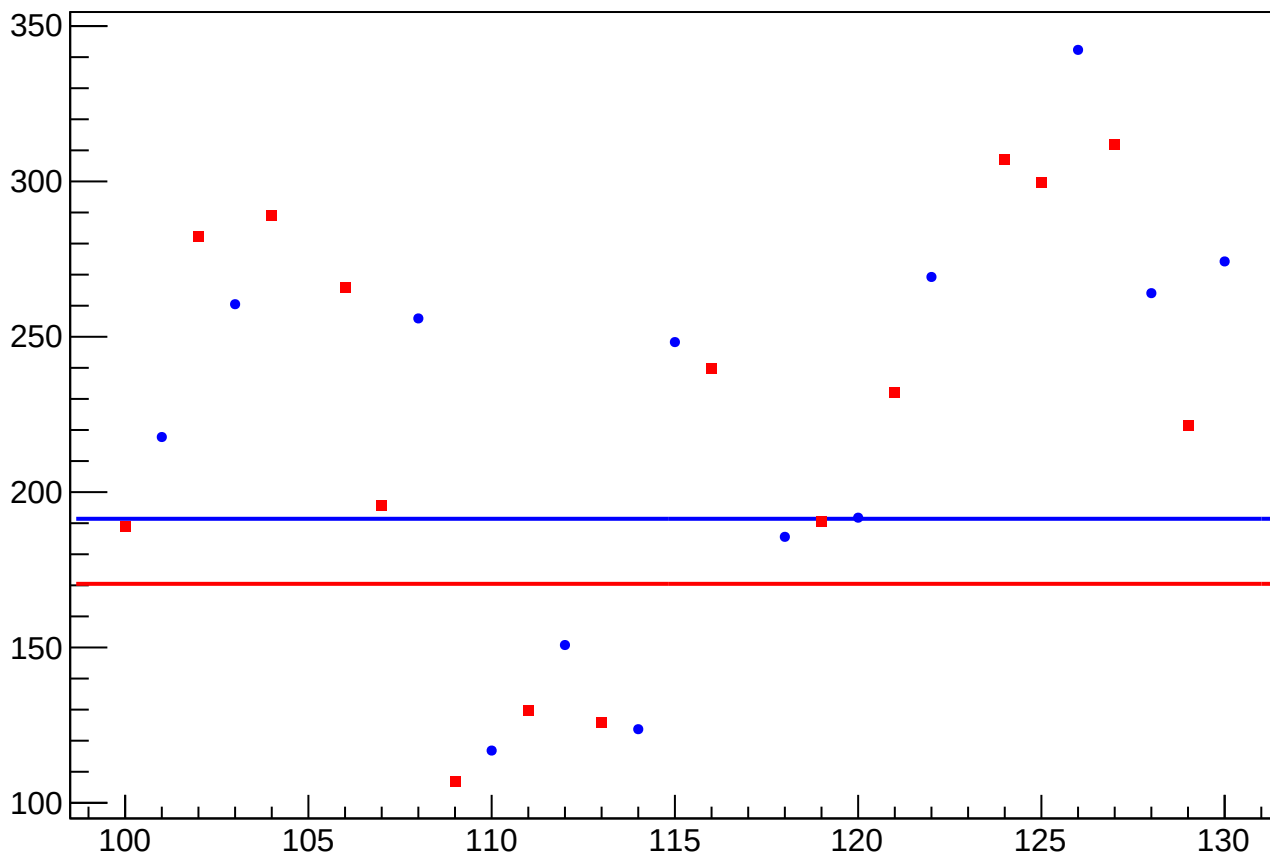
Right: -59.267 ± 57.665 $\chi^2/\text{NDF}: 21.8/27$

In: -11.852 ± 87.096 $\chi^2/\text{NDF}: 11.5/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -59.267 ± 57.665 $\chi^2/\text{NDF}: 21.8/27$

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 191.420+/-0.062 χ^2/NDF : 976229.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 170.484+/-0.054 χ^2/NDF : 1515572.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

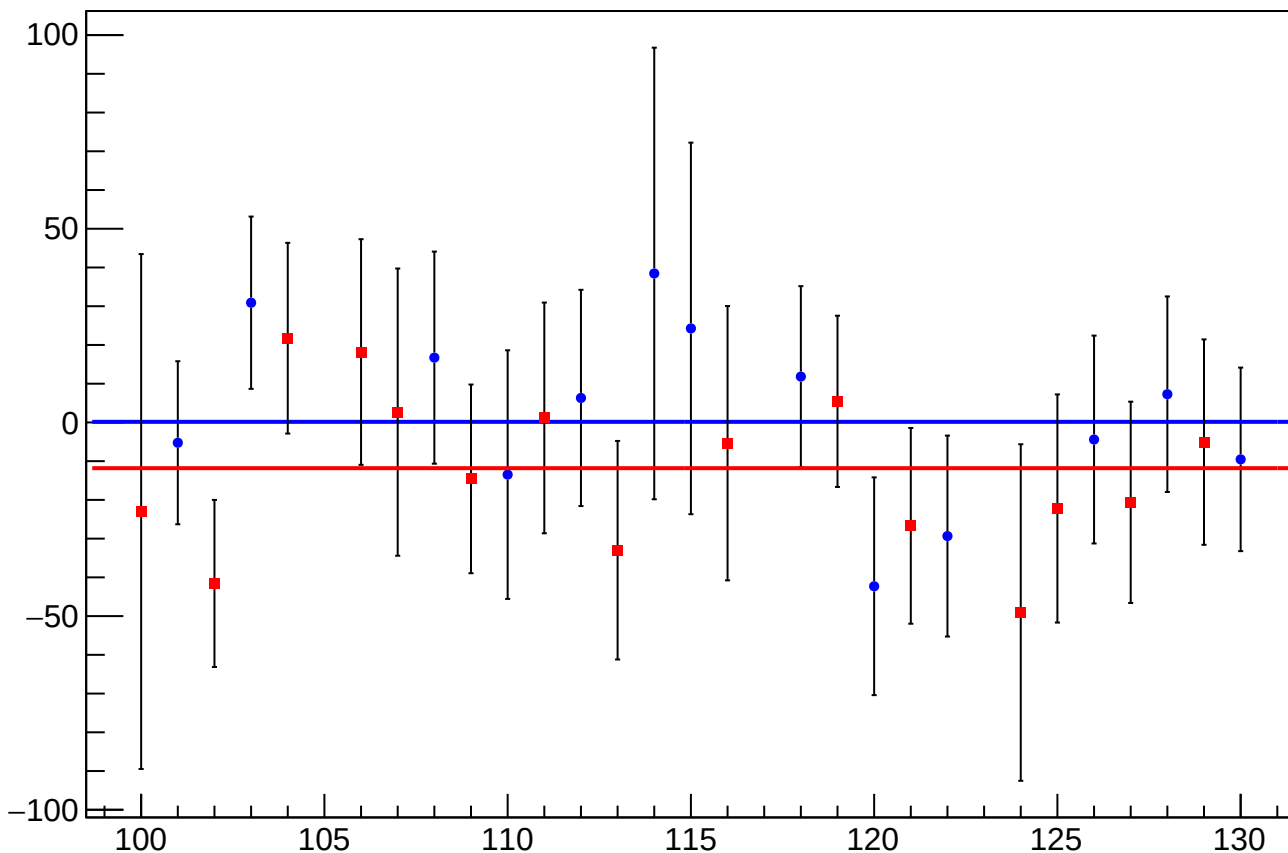
Right: 179.661+/-0.041 χ^2/NDF : 2556707.7/27

In: 191.420+/-0.062 χ^2/NDF : 976229.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.661+/-0.041 χ^2/NDF : 2556707.7/27

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.152+/-7.469 χ^2/NDF : 7.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.811+/-7.255 χ^2/NDF : 7.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

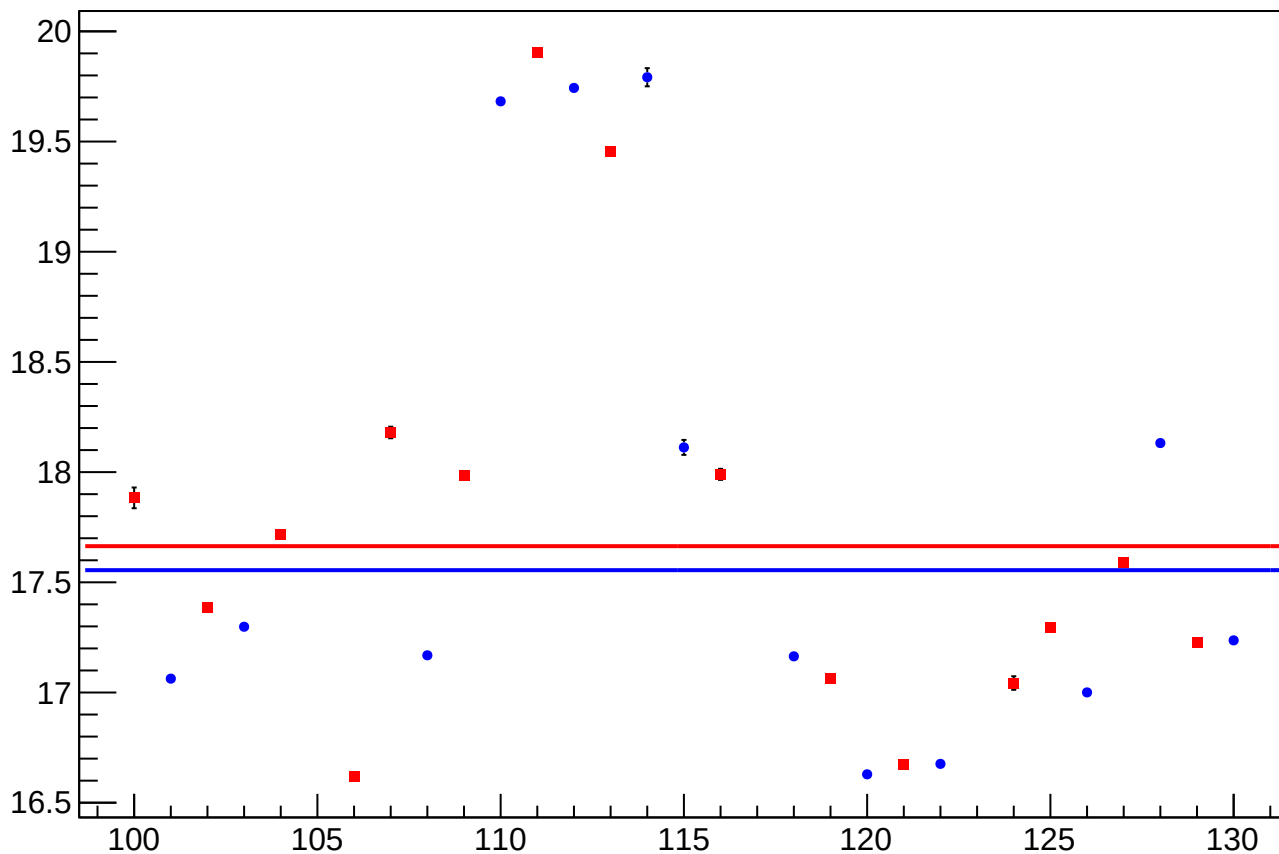
Right: -6.003+/-5.204 χ^2/NDF : 16.5/27

In: 0.152+/-7.469 χ^2/NDF : 7.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.003+/-5.204 χ^2/NDF : 16.5/27

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.555+/-0.005 χ^2/NDF : 33339.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.664+/-0.005 χ^2/NDF : 29040.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

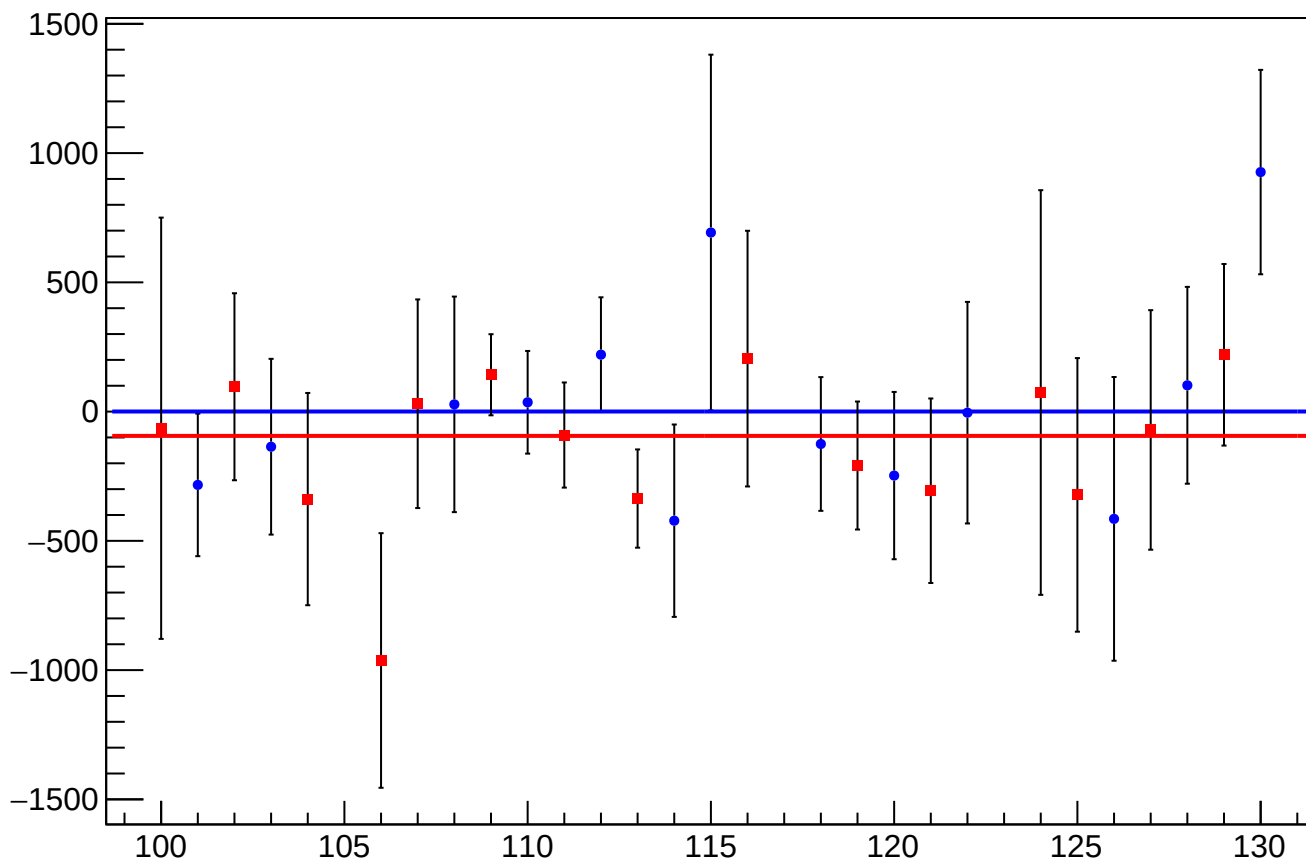
Right: 17.611+/-0.004 χ^2/NDF : 62599.0/27

In: 17.555+/-0.005 χ^2/NDF : 33339.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.611+/-0.004 χ^2/NDF : 62599.0/27

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 0.389+/-88.001 χ^2/NDF : 11.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -93.943+/-78.066 χ^2/NDF : 9.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

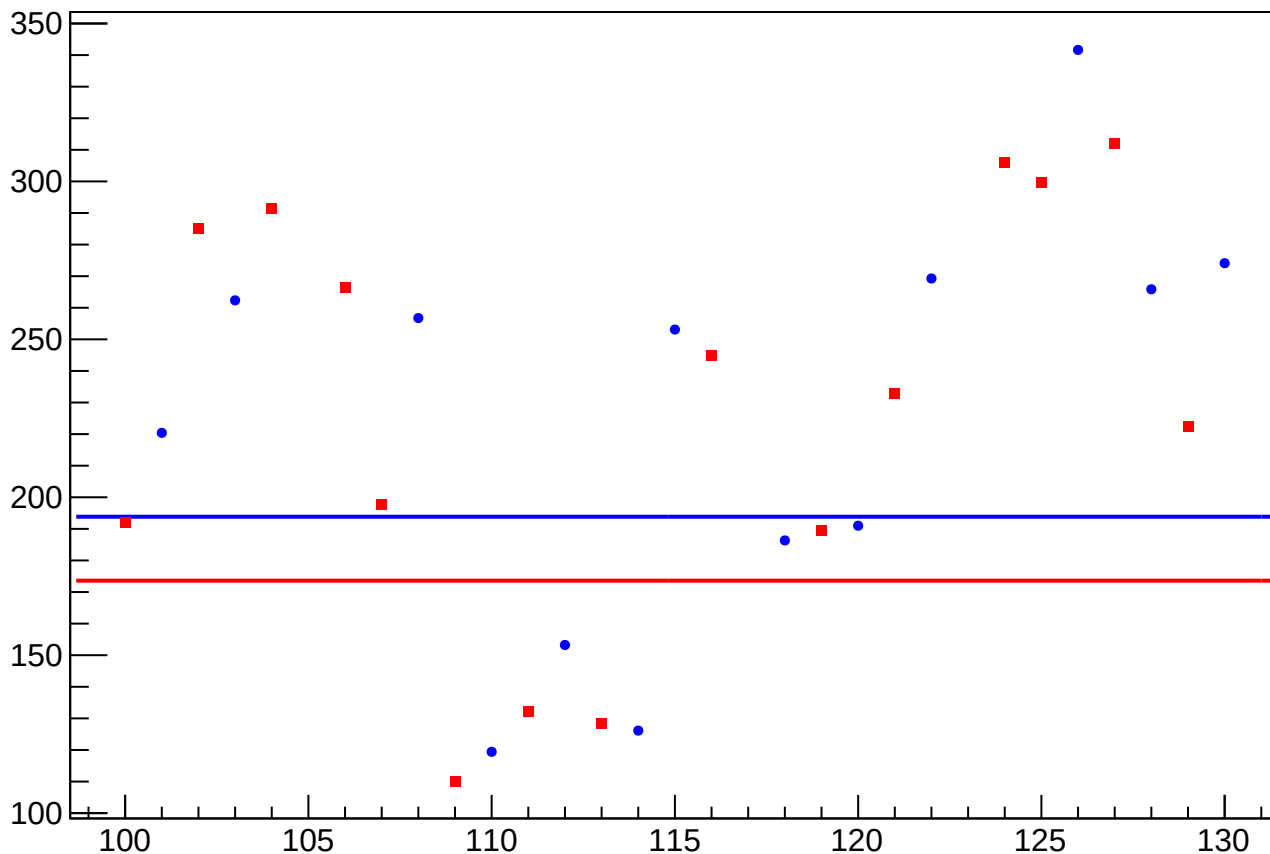
Right: -52.401+/-58.399 χ^2/NDF : 21.8/27

In: 0.389+/-88.001 χ^2/NDF : 11.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -52.401+/-58.399 χ^2/NDF : 21.8/27

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 193.845+/-0.062 χ^2/NDF : 937116.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 173.602+/-0.055 χ^2/NDF : 1450746.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

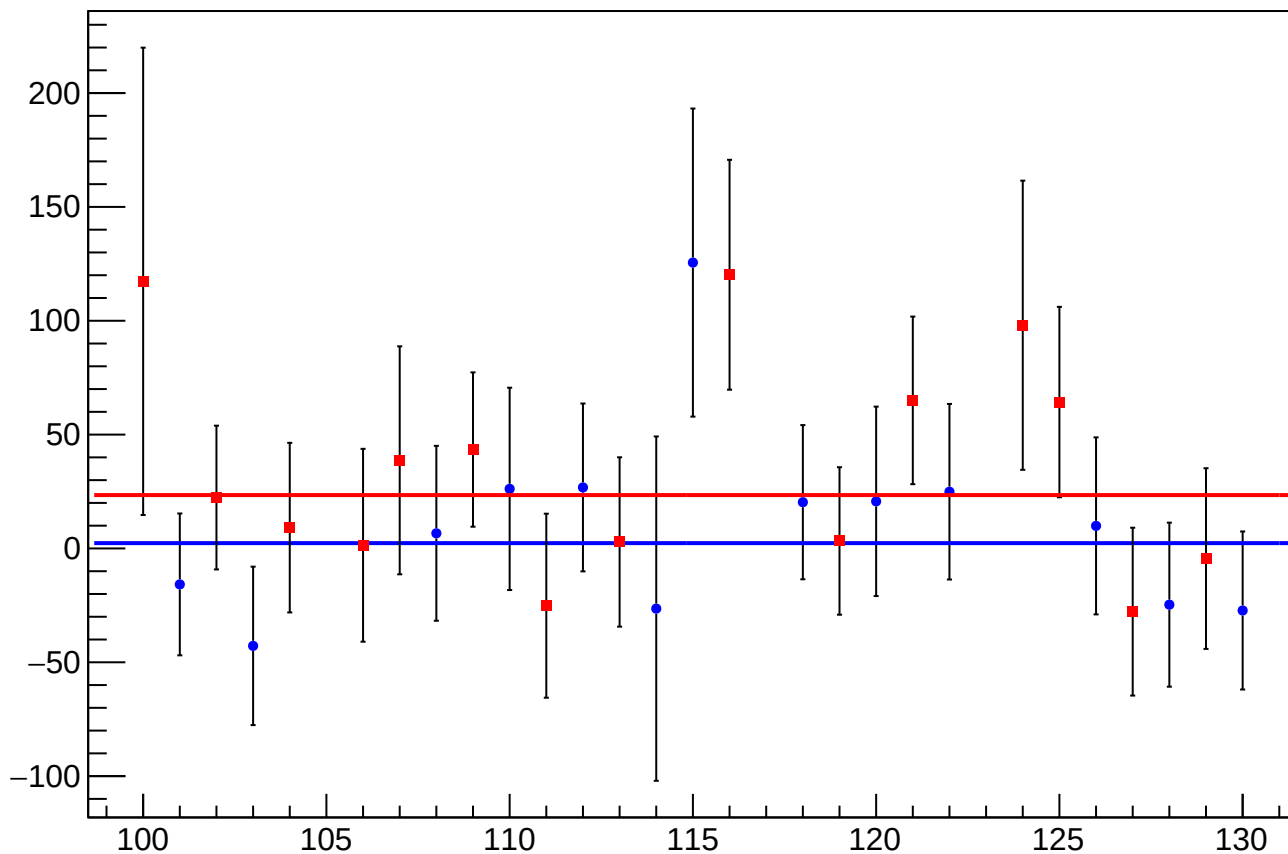
Right: 182.517+/-0.041 χ^2/NDF : 2447089.2/27

In: 193.845+/-0.062 χ^2/NDF :937116.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 182.517+/-0.041 χ^2/NDF : 2447089.2/27

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 2.335+/-10.811 χ^2/NDF : 8.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.441+/-10.394 χ^2/NDF : 13.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

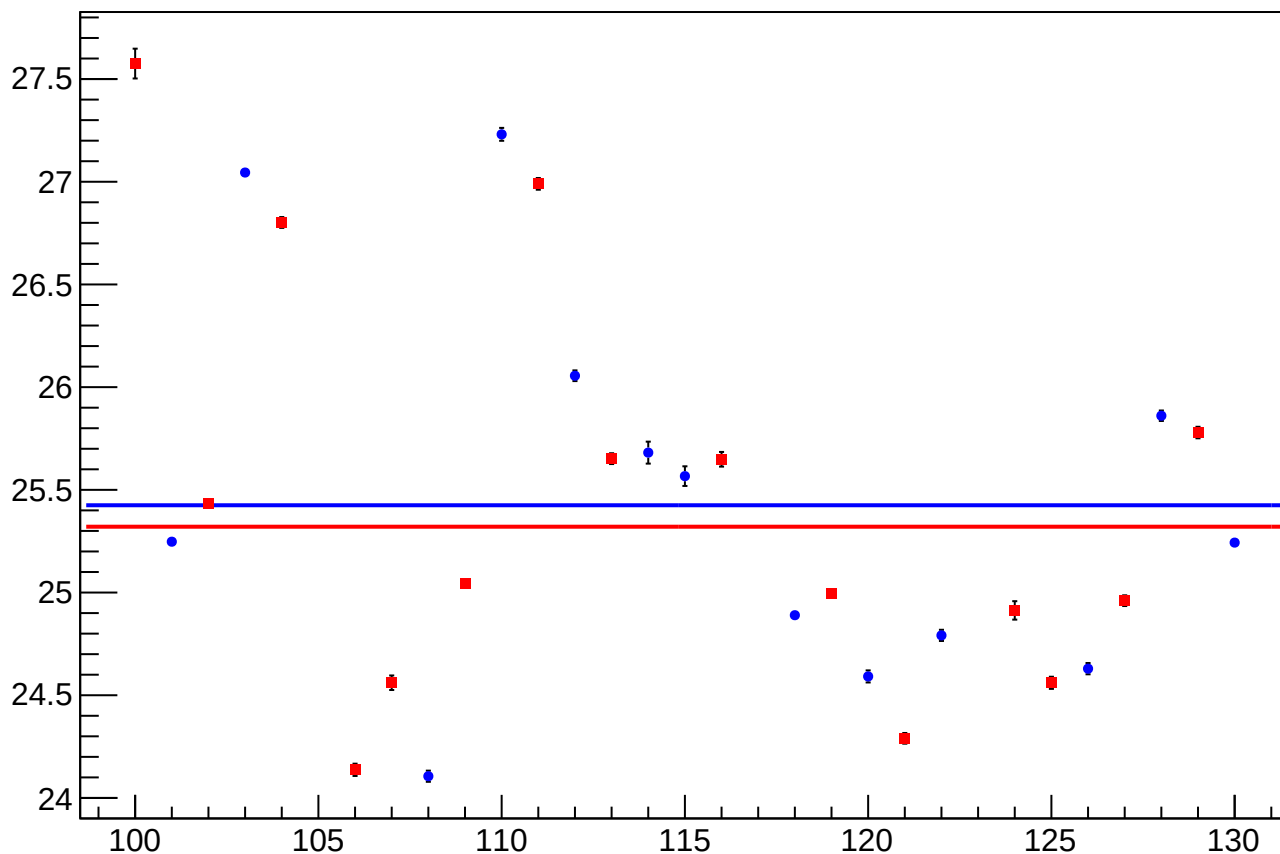
Right: 13.304+/-7.493 χ^2/NDF : 23.9/27

In: 2.335+/-10.811 χ^2/NDF : 8.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.304+/-7.493 χ^2/NDF : 23.9/27

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.425+/-0.008 χ^2/NDF : 13707.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 25.321+/-0.007 χ^2/NDF : 12935.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

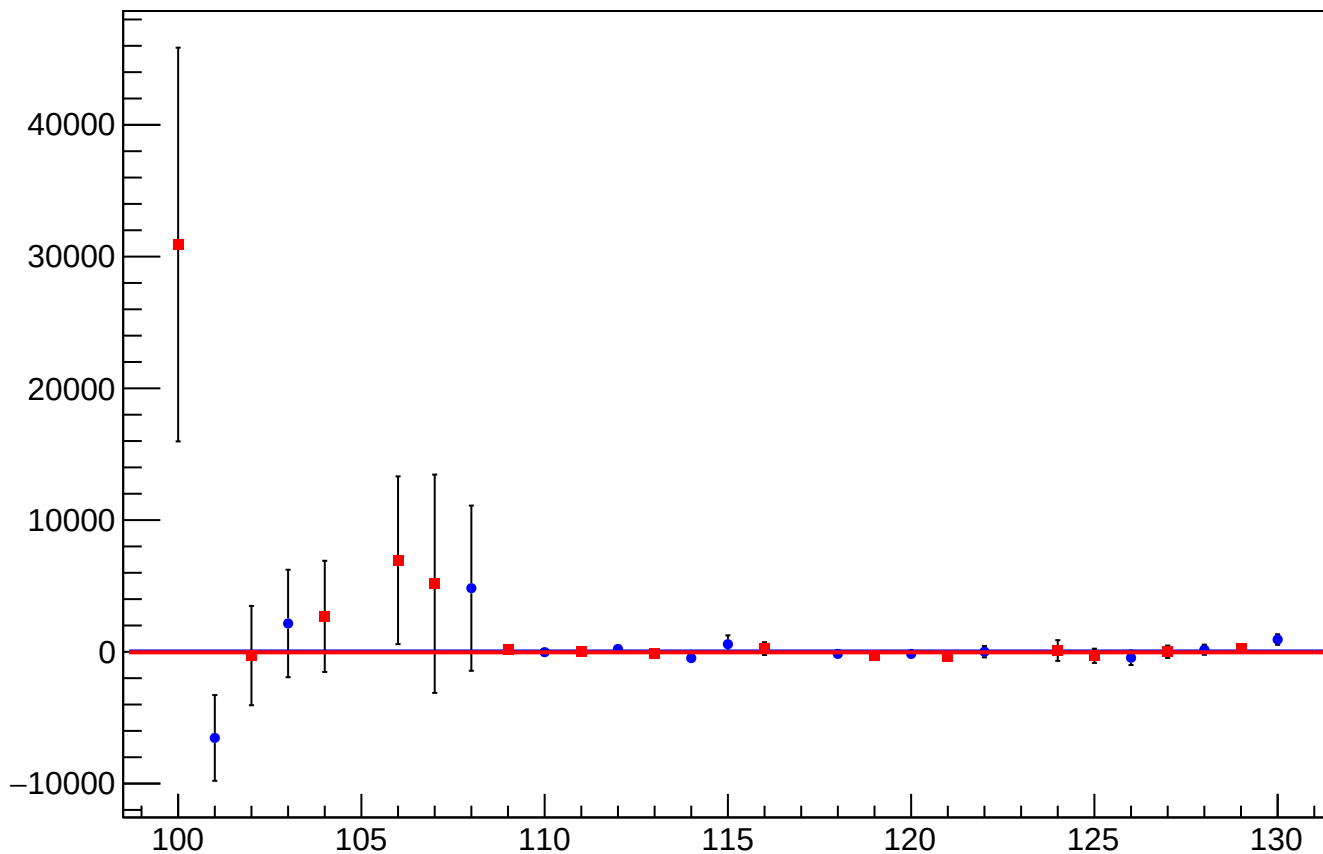
Right: 25.371+/-0.005 χ^2/NDF : 26740.1/27

In: 25.425+/-0.008 χ^2/NDF :13707.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 25.371+/-0.005 χ^2/NDF : 26740.1/27

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 28.985+/-98.664 χ^2/NDF : 15.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -37.542+/-90.648 χ^2/NDF : 11.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

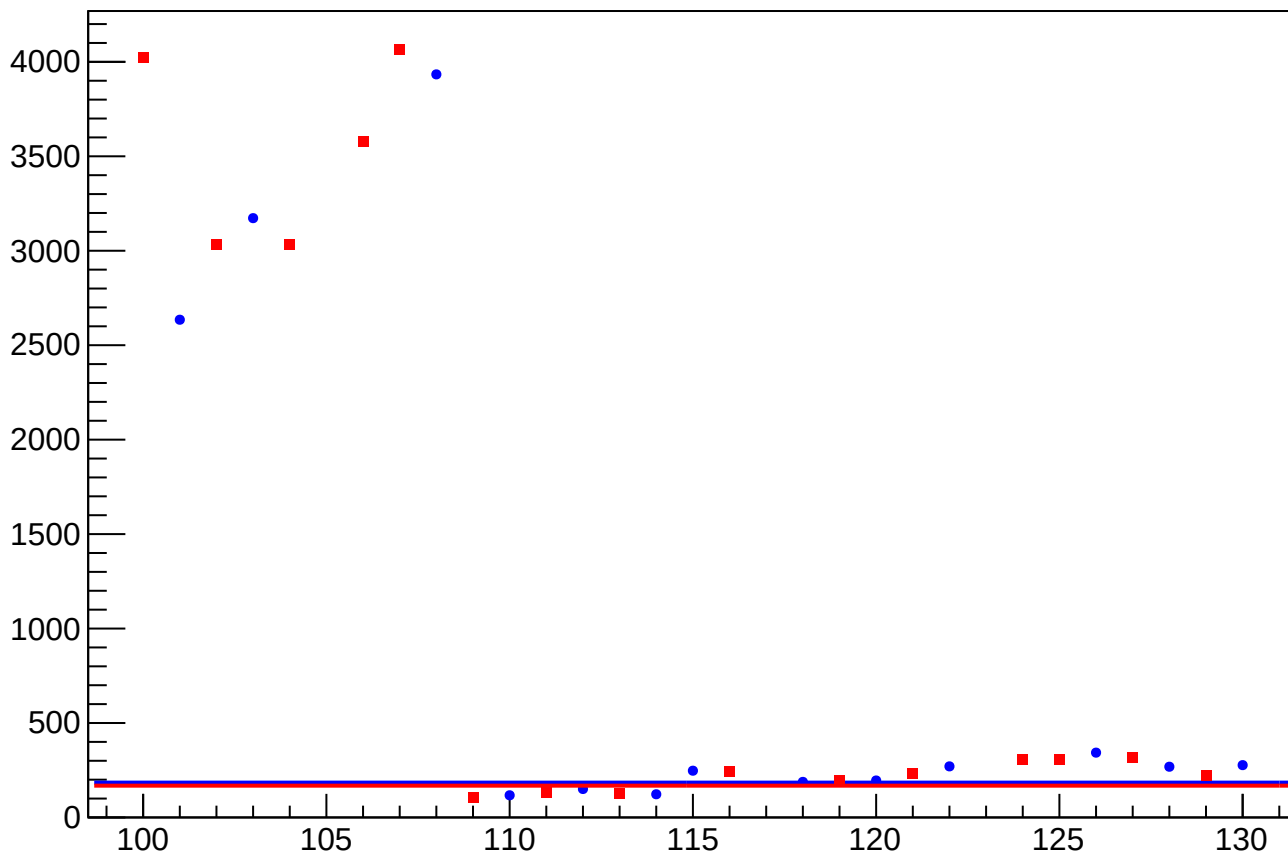
Right: -7.091+/-66.752 χ^2/NDF : 26.4/27

In: 28.985+/-98.664 χ^2/NDF :15.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -7.091+/-66.752 χ^2/NDF : 26.4/27

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 184.459+/-0.070 χ^2/NDF : 3733204.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 168.278+/-0.064 χ^2/NDF : 4150457.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

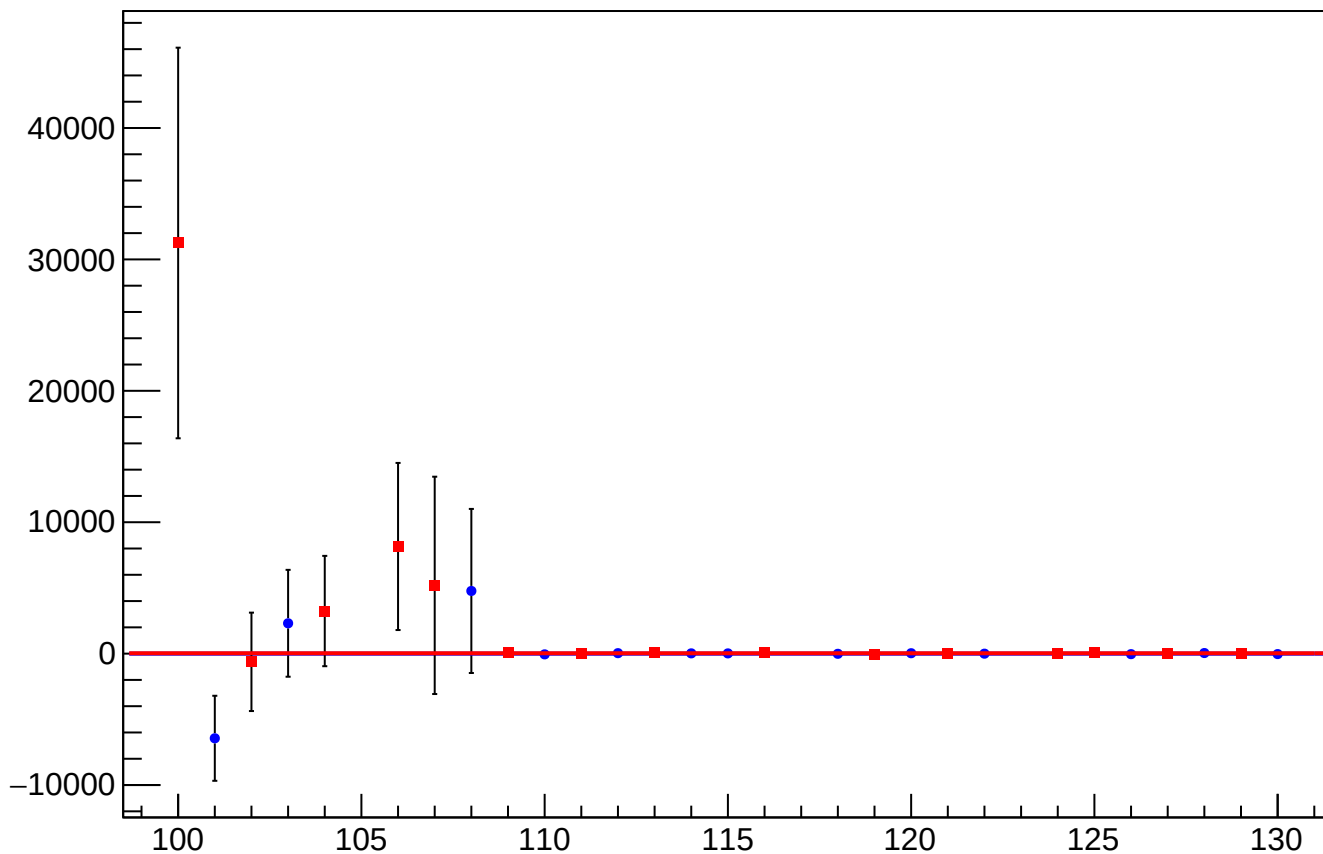
Right: 175.685+/-0.047 χ^2/NDF : 7912831.9/27

In: 184.459+/-0.070 χ^2/NDF :3733204.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 175.685+/-0.047 χ^2/NDF : 7912831.9/27

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -2.401+/-13.977 χ^2/NDF : 11.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.213+/-14.111 χ^2/NDF : 20.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

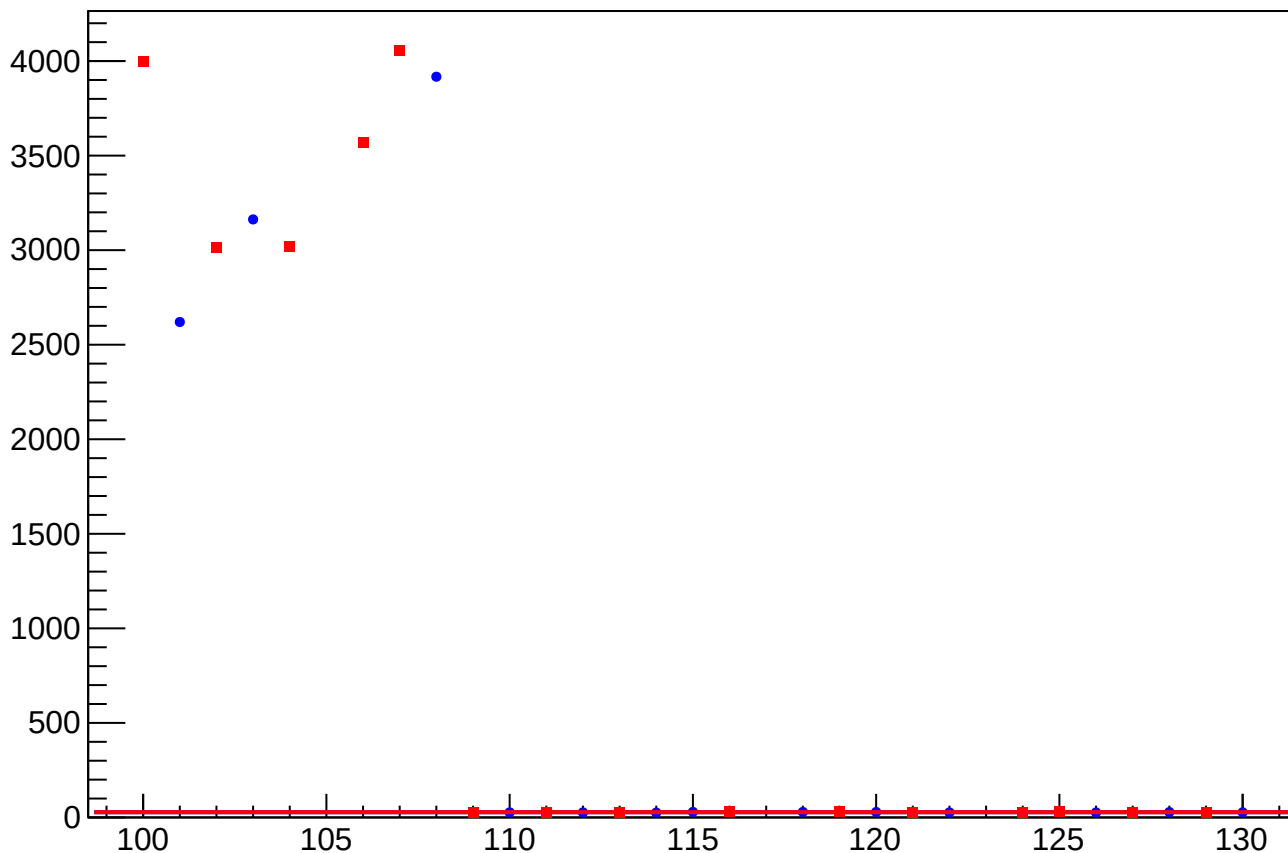
Right: 12.760+/-9.930 χ^2/NDF : 33.6/27

In: -2.401+/-13.977 χ^2/NDF : 11.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.760+/-9.930 χ^2/NDF : 33.6/27

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.605+/-0.010 χ^2/NDF : 3260641.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.774+/-0.010 χ^2/NDF : 3551997.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

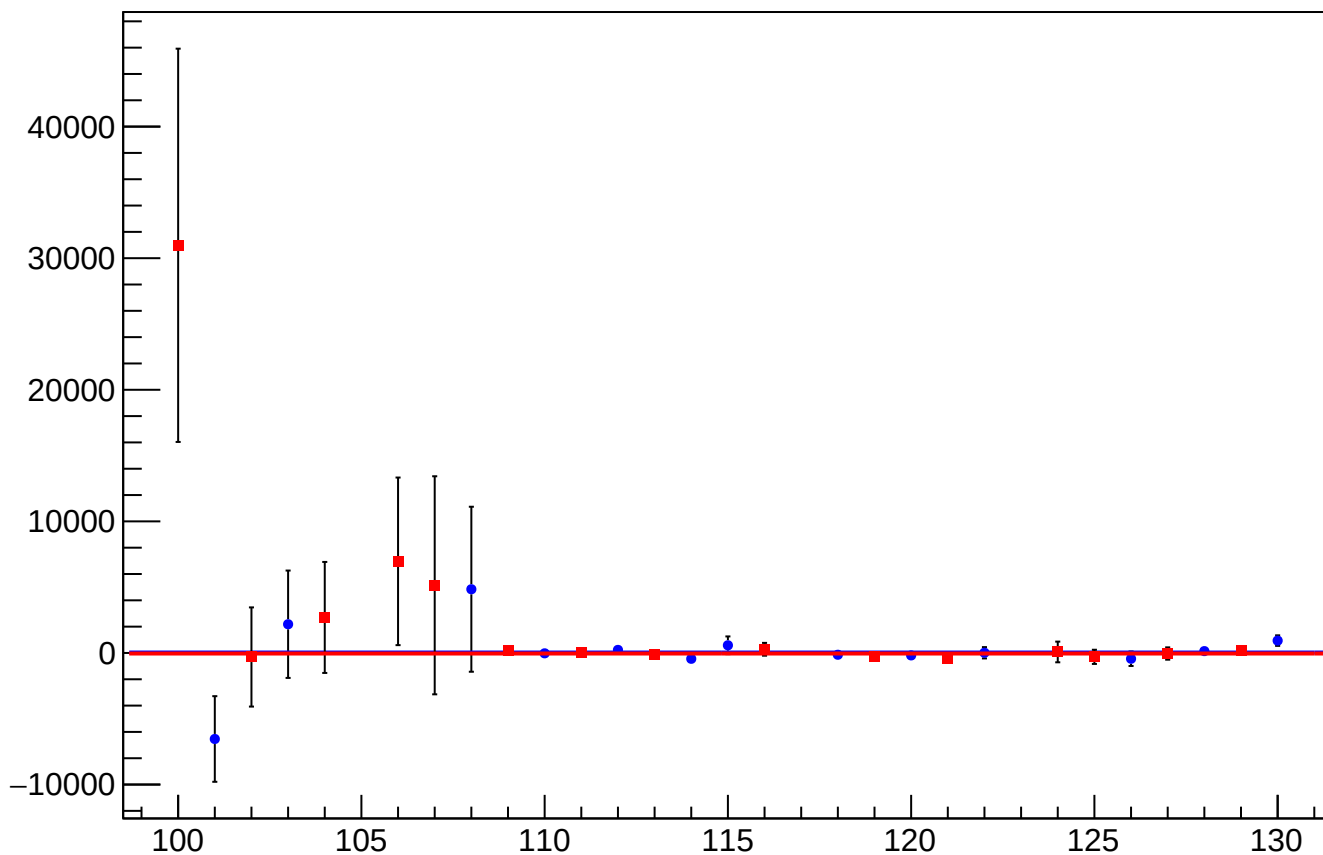
Right: 27.689+/-0.007 χ^2/NDF : 6812783.3/27

In: 27.605+/-0.010 χ^2/NDF : 3260641.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.689+/-0.007 χ^2/NDF : 6812783.3/27

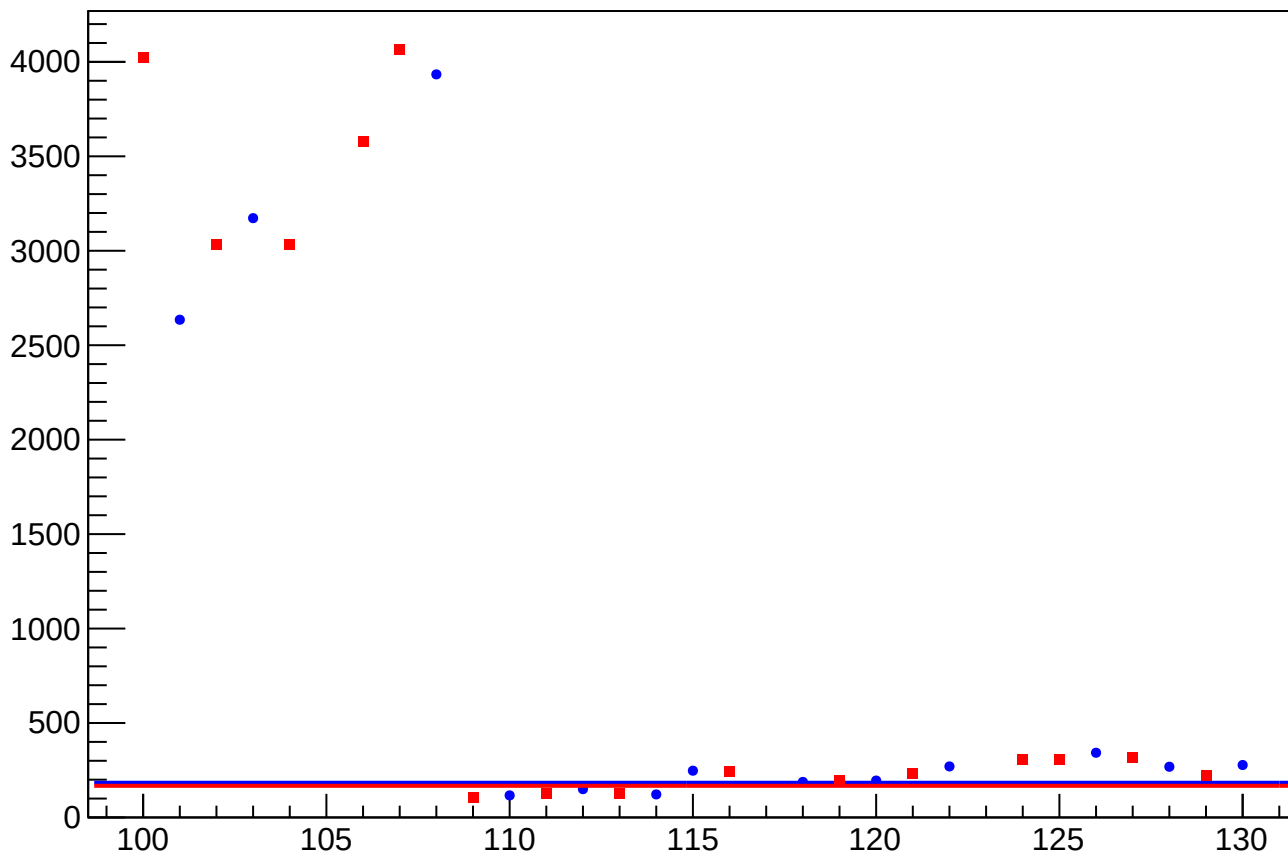
asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 33.089+/-98.349 χ^2/NDF : 15.1/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -42.820+/-90.308 χ^2/NDF : 11.0/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -8.095+/-66.519 χ^2/NDF : 26.4/27
 In: 33.089+/-98.349 χ^2/NDF : 15.1/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -8.095+/-66.519 χ^2/NDF : 26.4/27

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 183.734+/-0.070 χ^2/NDF : 3744270.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 167.515+/-0.064 χ^2/NDF : 4161372.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

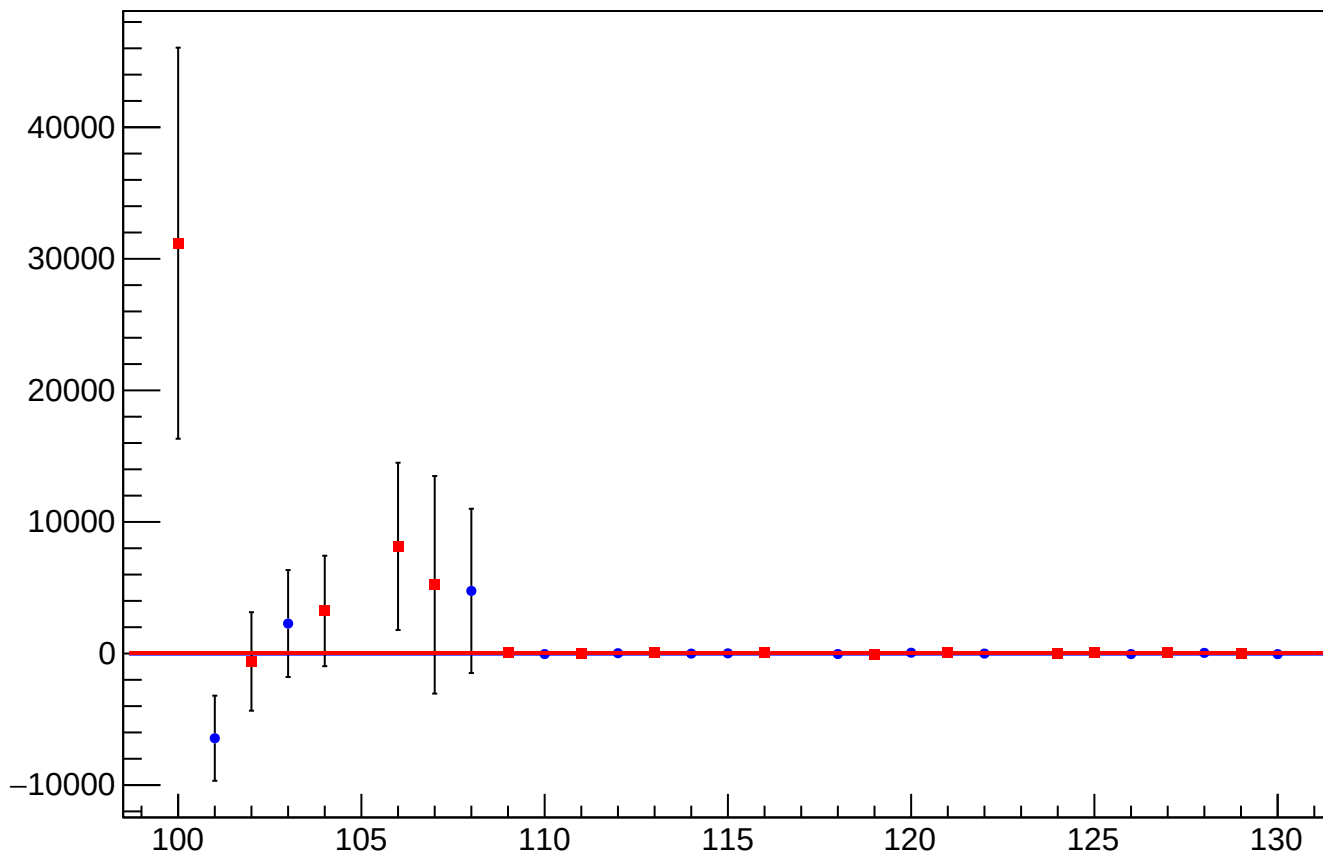
Right: 174.934+/-0.047 χ^2/NDF : 7935153.3/27

In: 183.734+/-0.070 χ^2/NDF :3744270.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 174.934+/-0.047 χ^2/NDF : 7935153.3/27

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -7.439+/-14.076 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.881+/-14.247 χ^2/NDF : 16.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

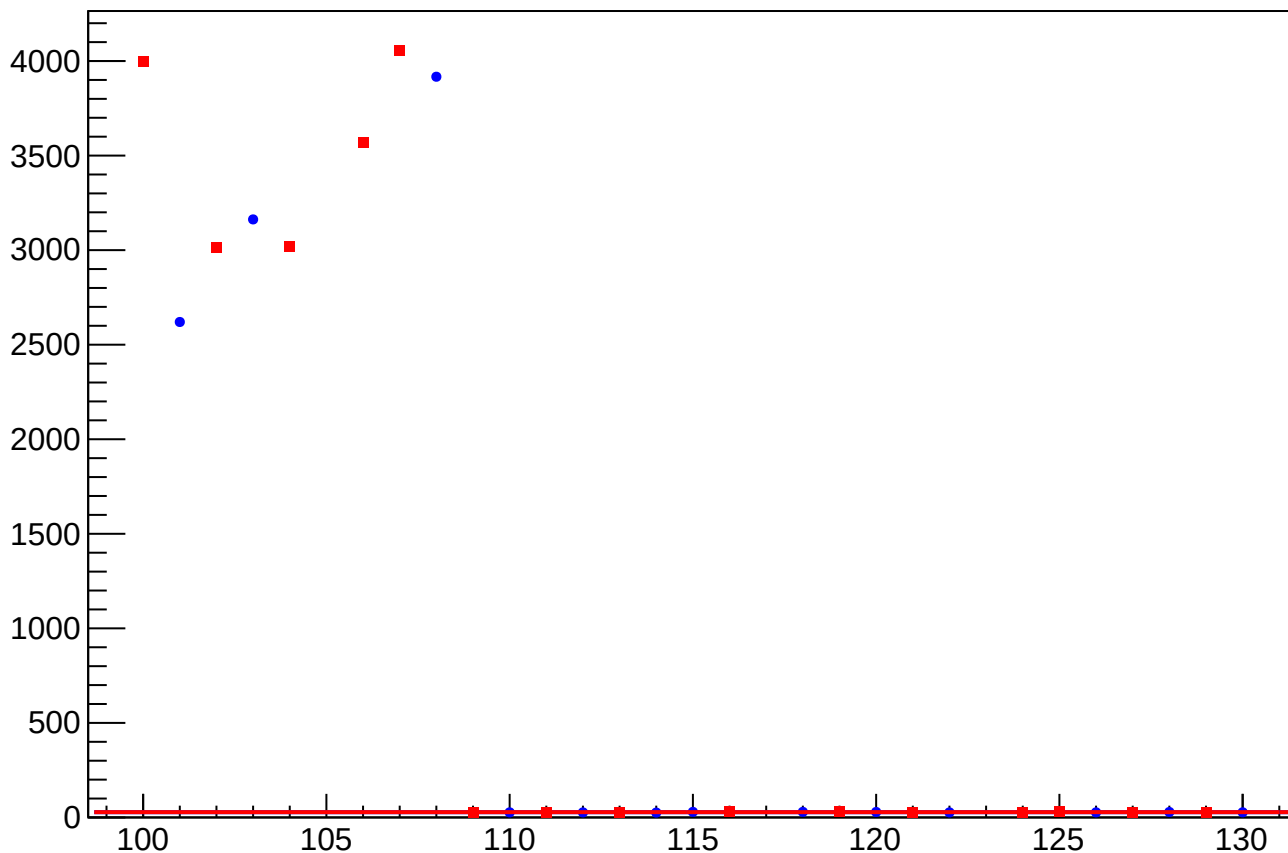
Right: 15.937+/-10.013 χ^2/NDF : 34.8/27

In: -7.439+/-14.076 χ^2/NDF : 12.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.937+/-10.013 χ^2/NDF : 34.8/27

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.796+/-0.010 χ^2/NDF : 3261560.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.035+/-0.010 χ^2/NDF : 3554645.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

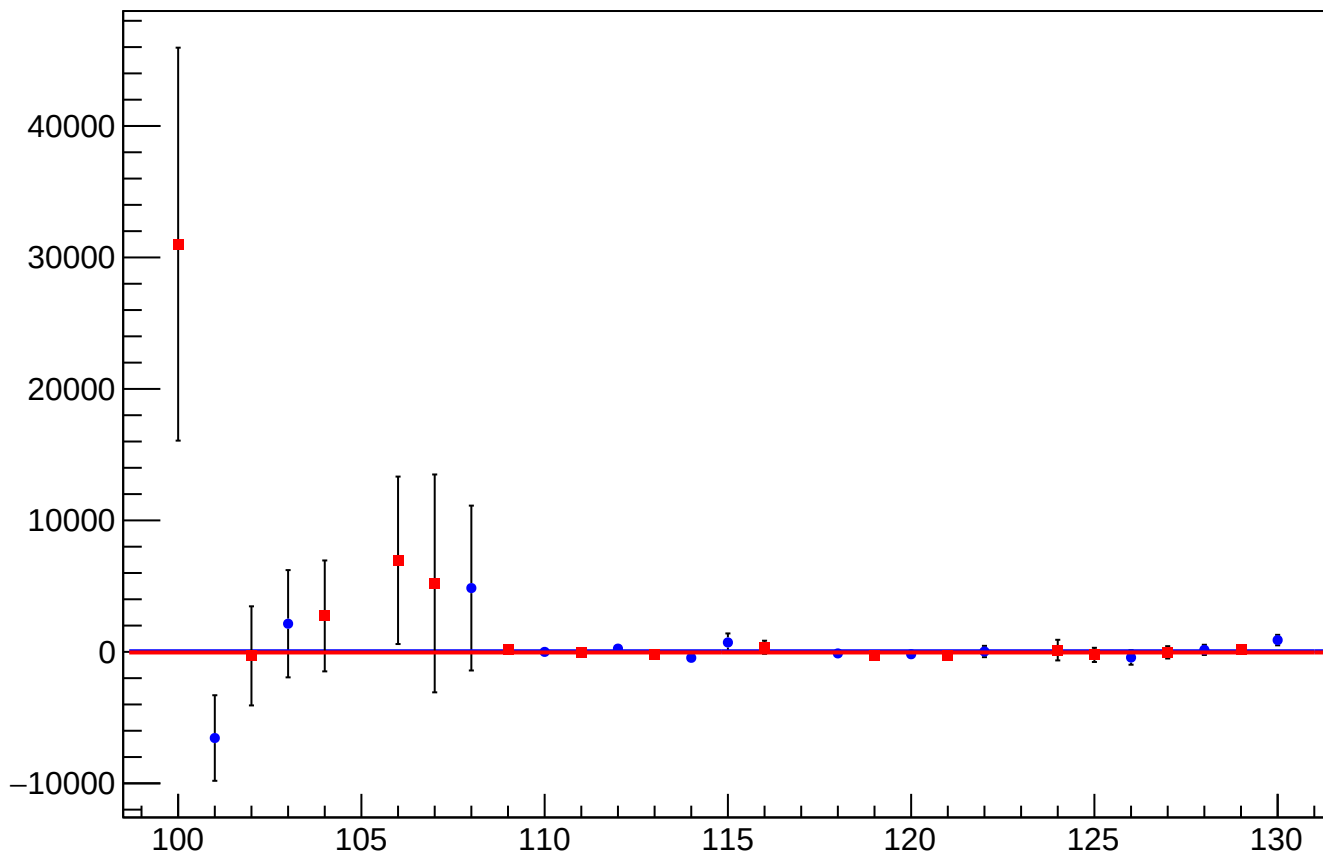
Right: 27.914+/-0.007 χ^2/NDF : 6816491.4/27

In: 27.796+/-0.010 χ^2/NDF : 3261560.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.914+/-0.007 χ^2/NDF : 6816491.4/27

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 48.699+/-99.621 χ^2/NDF : 14.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -46.387+/-91.708 χ^2/NDF : 10.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

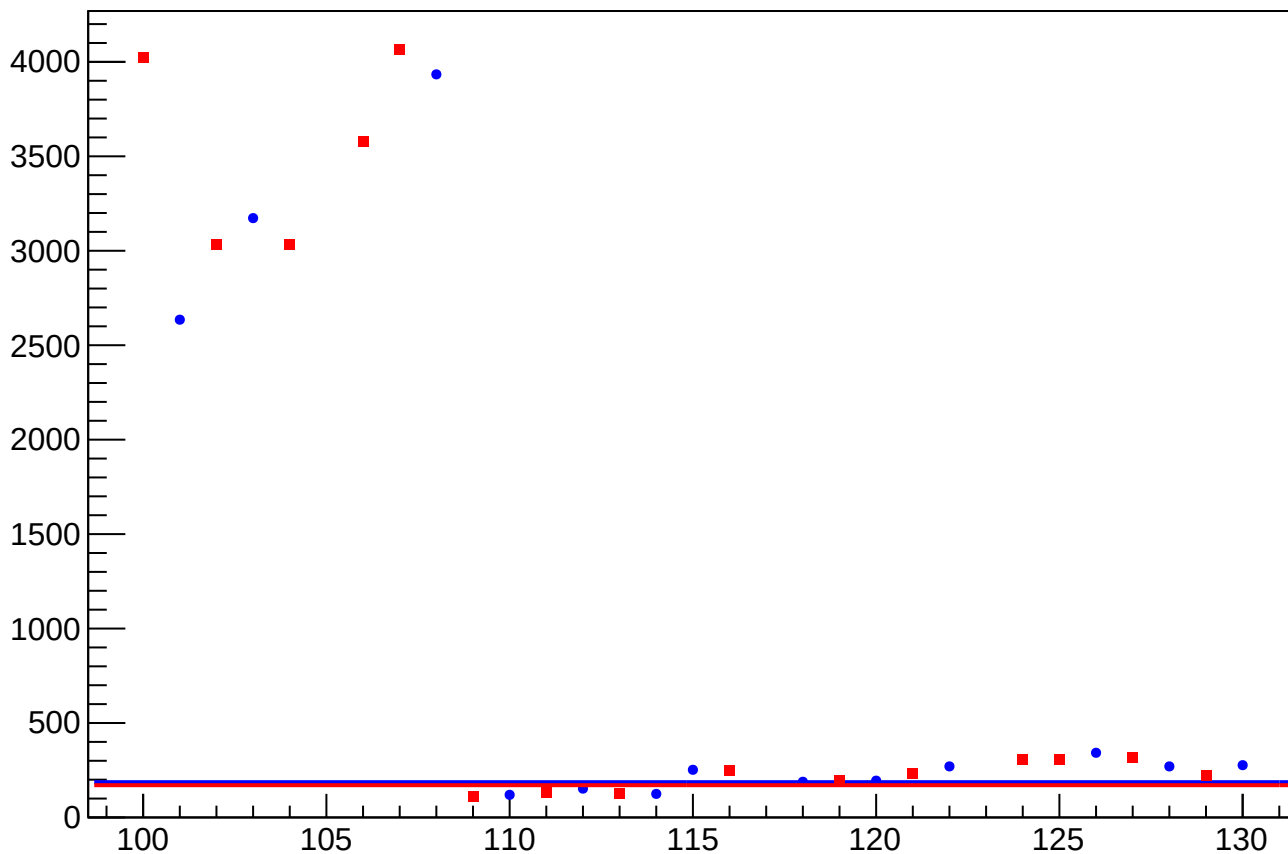
Right: -2.770+/-67.472 χ^2/NDF : 26.2/27

In: 48.699+/-99.621 χ^2/NDF : 14.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.770+/-67.472 χ^2/NDF : 26.2/27

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 186.754+/-0.070 χ^2/NDF : 3698452.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 170.790+/-0.065 χ^2/NDF : 4110276.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

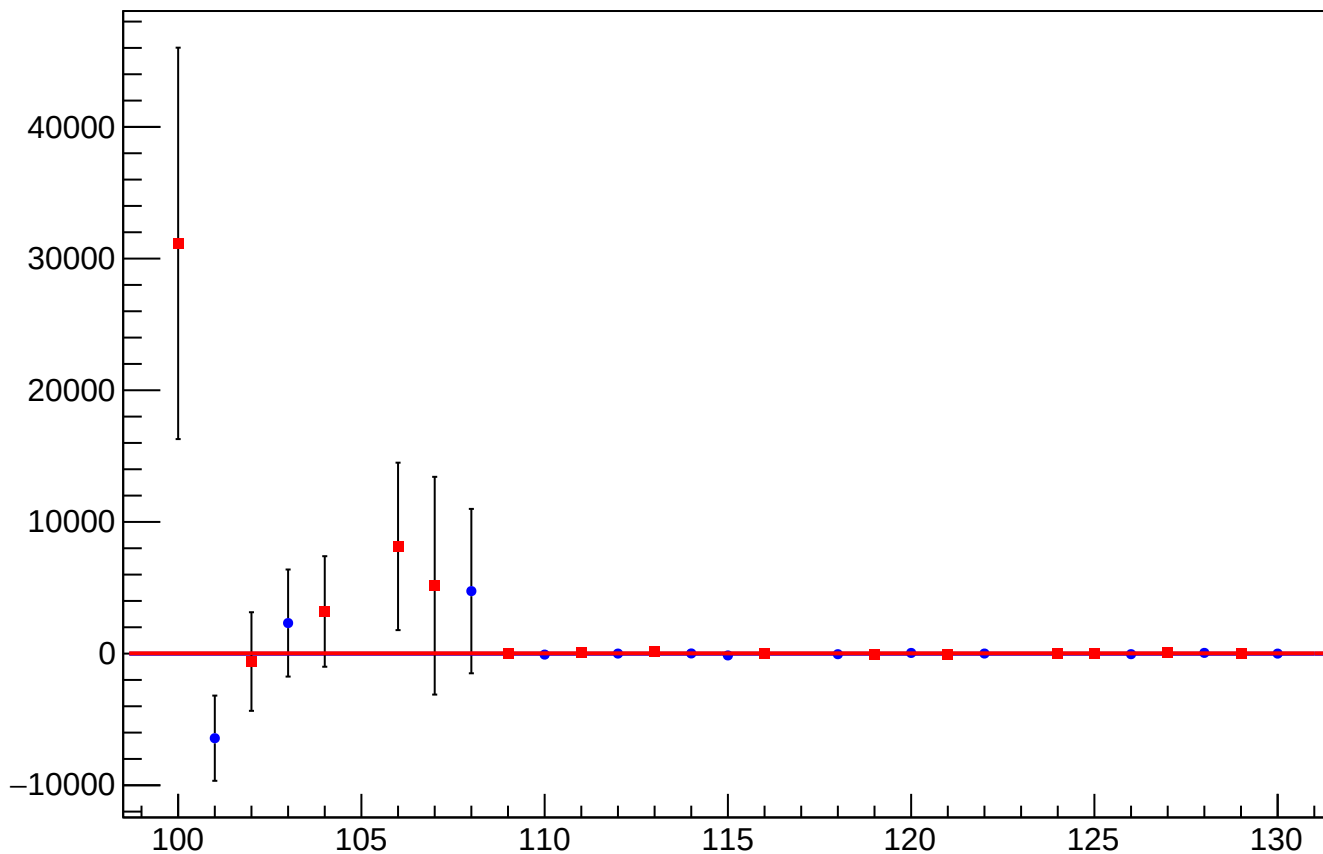
Right: 178.113+/-0.048 χ^2/NDF : 7836529.3/27

In: 186.754+/-0.070 χ^2/NDF : 3698452.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.113+/-0.048 χ^2/NDF : 7836529.3/27

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -10.997 ± 17.142 χ^2/NDF : 12.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 20.267 ± 17.218 χ^2/NDF : 20.9/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

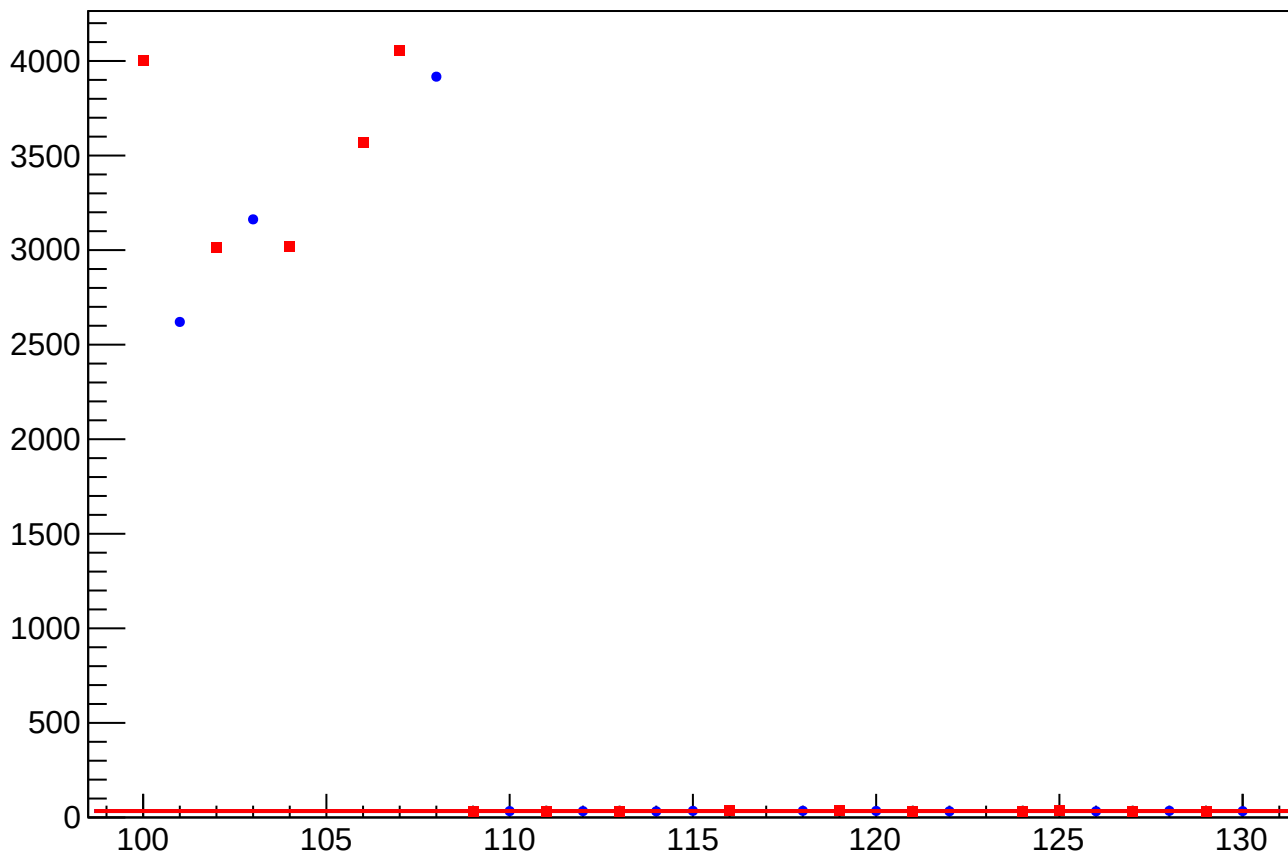
Right: 4.567 ± 12.148 χ^2/NDF : 34.9/27

In: -10.997 ± 17.142 χ^2/NDF : 12.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 4.567 ± 12.148 χ^2/NDF : 34.9/27

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 33.921+/-0.012 χ^2/NDF : 3241087.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.971+/-0.012 χ^2/NDF : 3524604.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

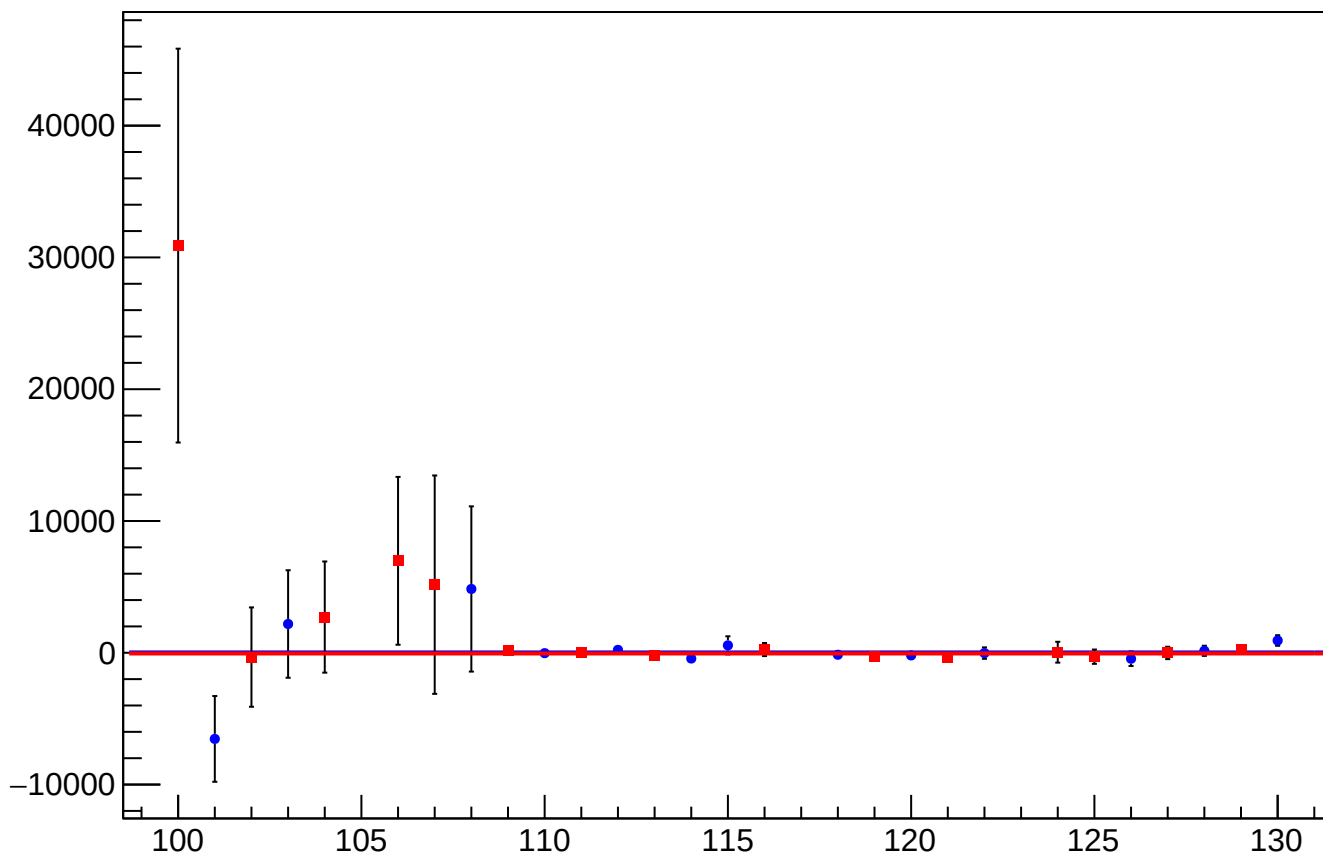
Right: 33.946+/-0.009 χ^2/NDF : 6765700.6/27

In: 33.921+/-0.012 χ^2/NDF : 3241087.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.946+/-0.009 χ^2/NDF : 6765700.6/27

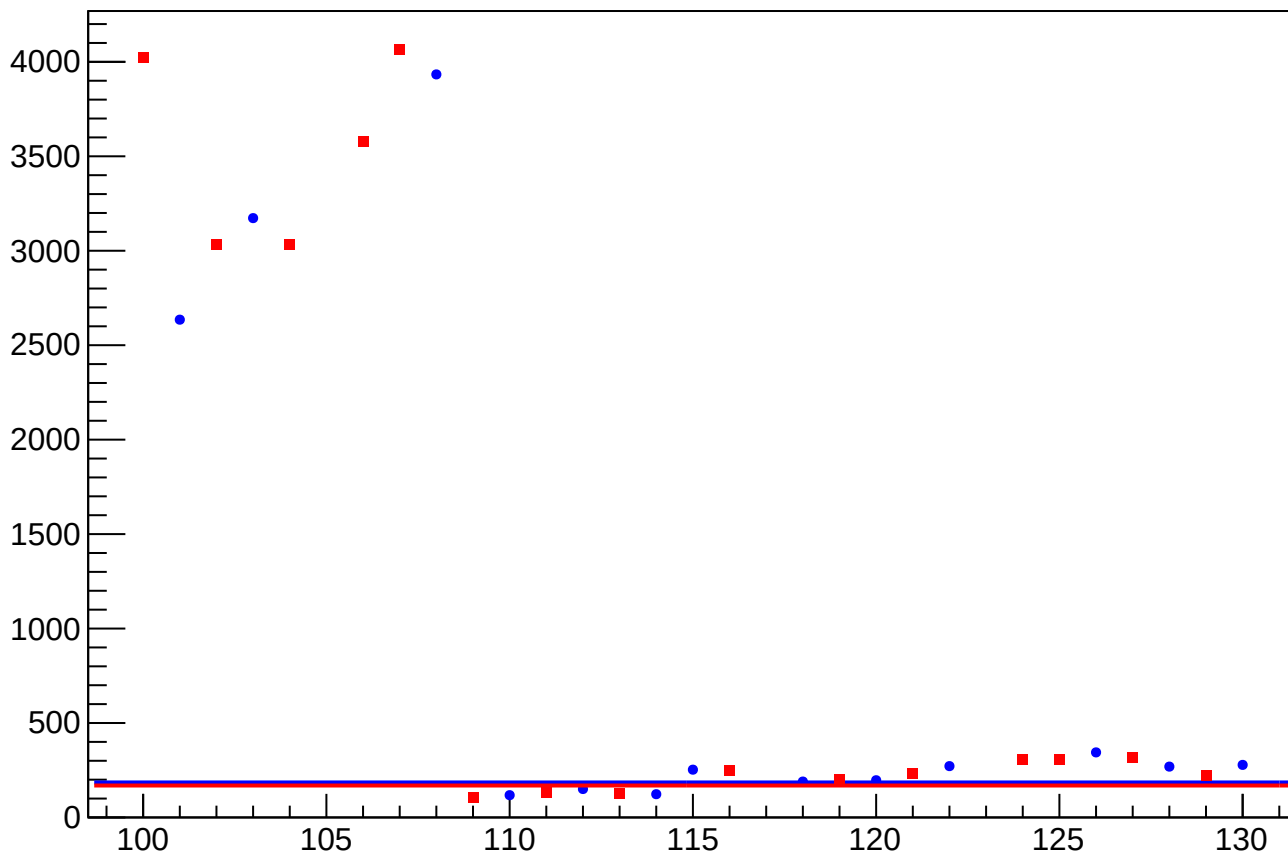
asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 26.057+/-99.113 χ^2/NDF : 14.9/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -53.848+/-91.100 χ^2/NDF : 10.8/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -17.256+/-67.072 χ^2/NDF : 26.1/27
 In: 26.057+/-99.113 χ^2/NDF : 14.9/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -17.256+/-67.072 χ^2/NDF : 26.1/27

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 185.293+/-0.070 χ^2/NDF : 3734855.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 169.106+/-0.064 χ^2/NDF : 4154595.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

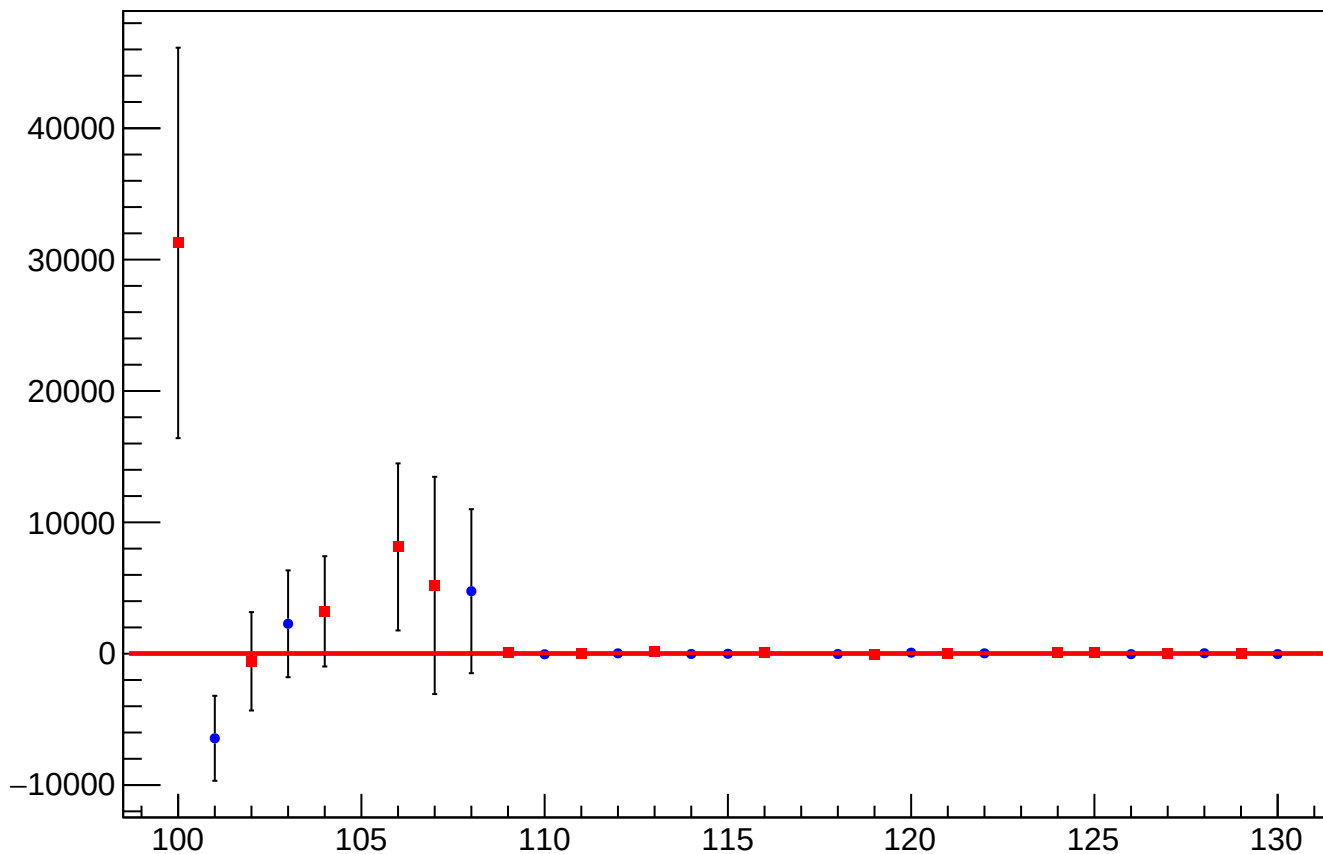
Right: 176.519+/-0.047 χ^2/NDF : 7918369.0/27

In: 185.293+/-0.070 χ^2/NDF :3734855.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 176.519+/-0.047 χ^2/NDF : 7918369.0/27

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 1.712+/-15.642 χ^2/NDF : 10.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.332+/-15.778 χ^2/NDF : 20.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

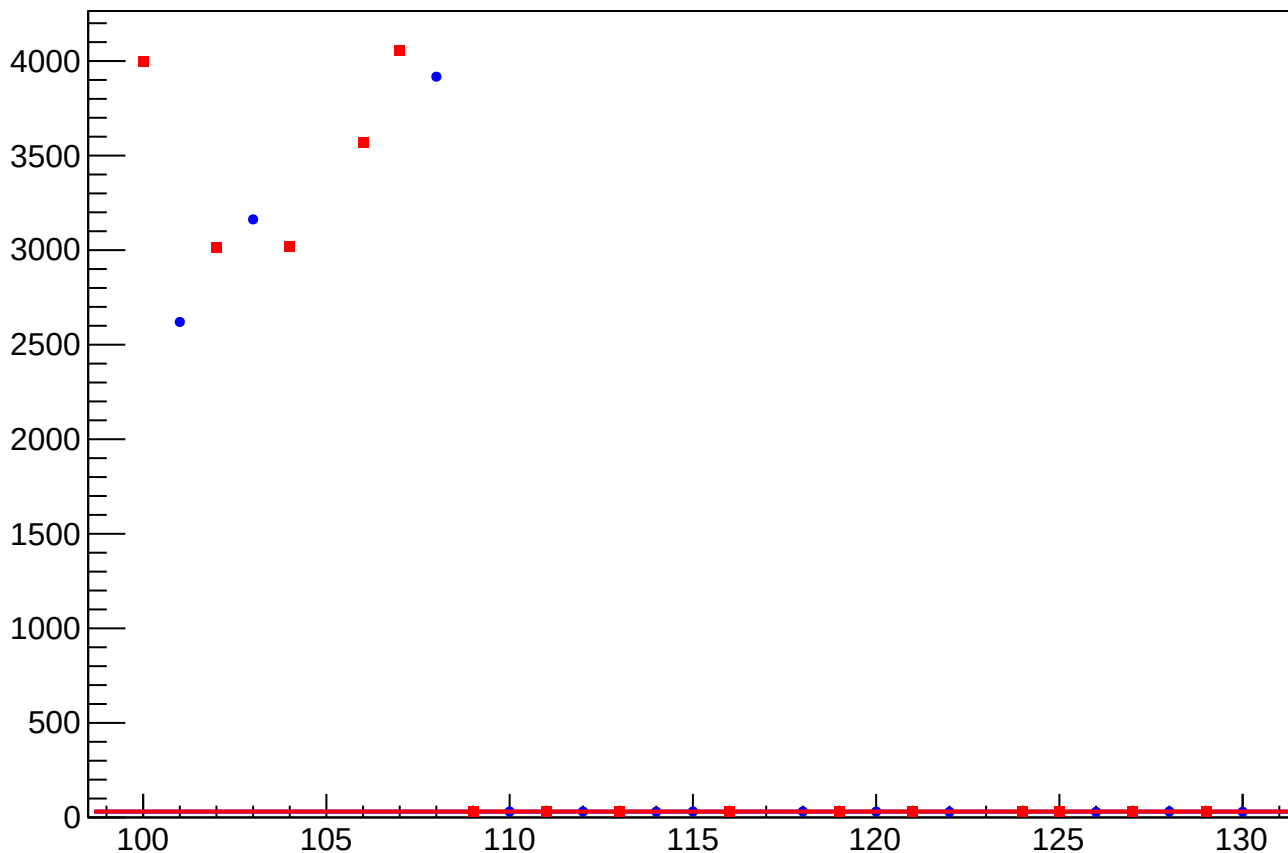
Right: 20.360+/-11.108 χ^2/NDF : 34.3/27

In: 1.712+/-15.642 χ^2/NDF : 10.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.360+/-11.108 χ^2/NDF : 34.3/27

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 30.928+/-0.011 χ^2/NDF : 3248905.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 31.108+/-0.011 χ^2/NDF : 3531416.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

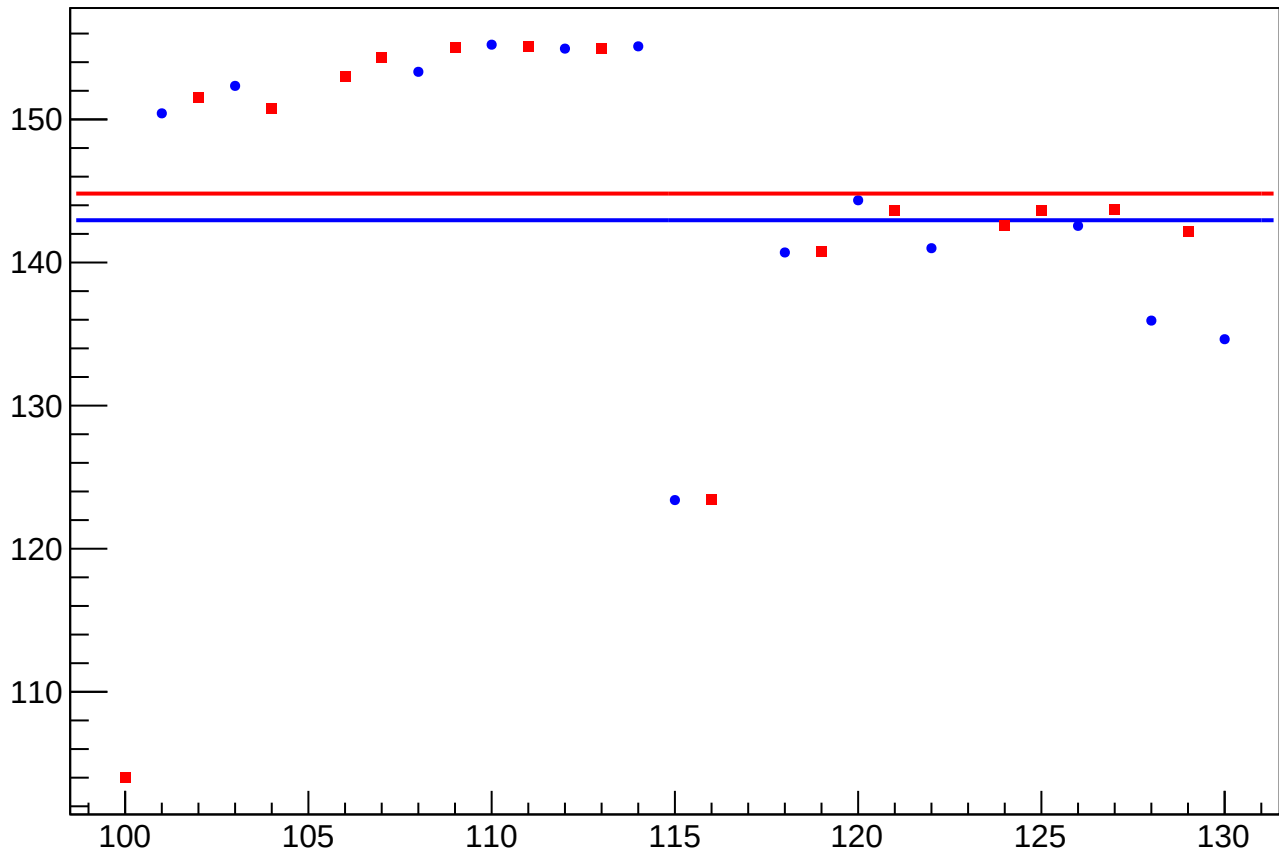
Right: 31.018+/-0.008 χ^2/NDF : 6780452.8/27

In: 30.928+/-0.011 χ^2/NDF :3248905.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

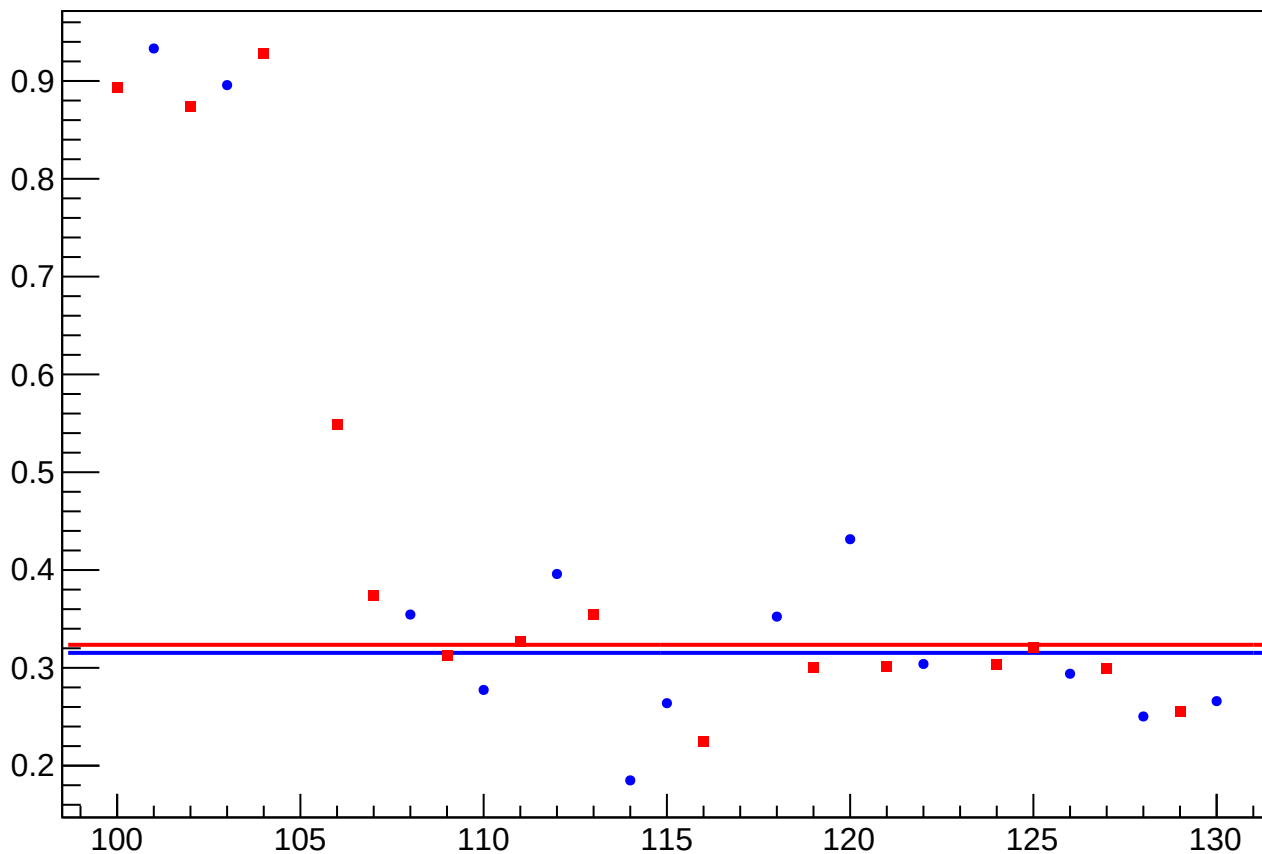
All: 31.018+/-0.008 χ^2/NDF : 6780452.8/27

yield_bcm_target_mean vs Slug, Sign Corrected



Right In: 142.955 $\pm$ 0.000 χ^2 /NDF: 3442989658.1/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 144.818 $\pm$ 0.000 χ^2 /NDF: 3995938517.9/14
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 143.893 $\pm$ 0.000 χ^2 /NDF: 7515317920.3

yield_bcm_target_rms vs Slug, Sign Corrected



Right In: 0.315+/-0.000 χ^2/NDF : 1367886.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.324+/-0.000 χ^2/NDF : 1254560.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

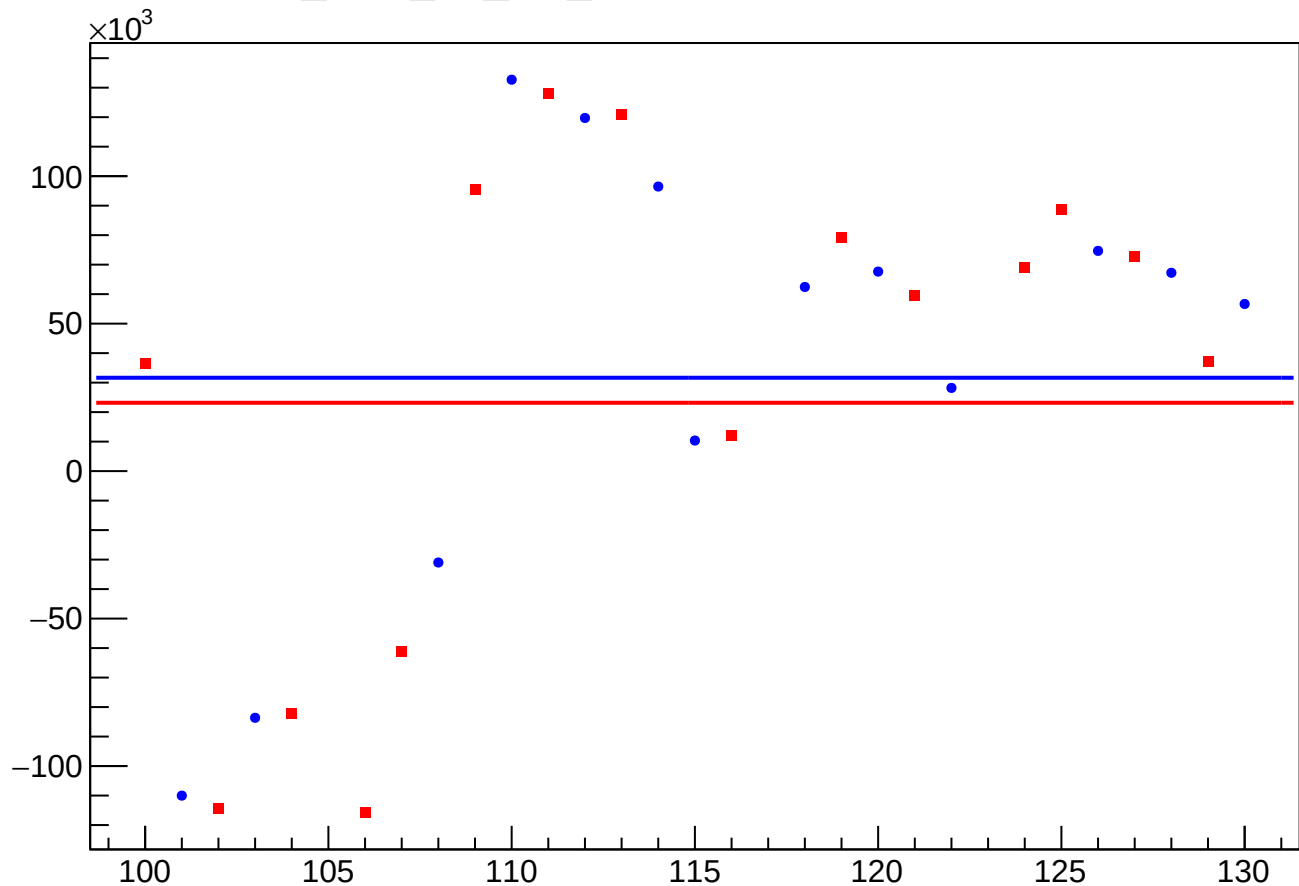
Right: 0.319+/-0.000 χ^2/NDF : 2625433.0/27

In: 0.315+/-0.000 χ^2/NDF : 1367886.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

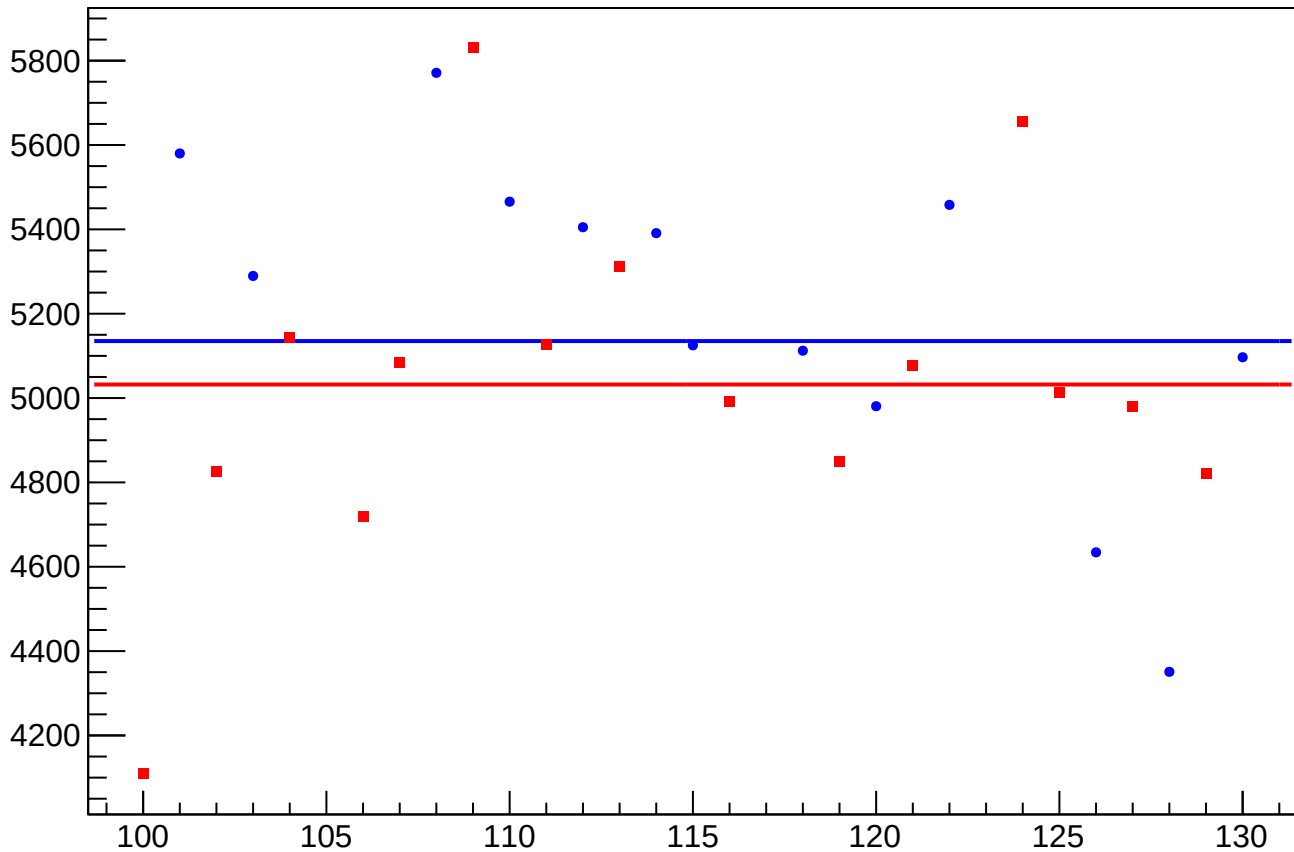
All: 0.319+/-0.000 χ^2/NDF : 2625433.0/27

yield_bcm_an_diff_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right In: 31652.813+/-2.254 χ^2/NDF : 1104938071.9/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 27157.039+/-1.545 χ^2/NDF : 2790927944.3/2
 In: 31652.813+/-2.254 χ^2/NDF : 1104938071.9/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 27157.039+/-1.545 χ^2/NDF : 2790927944.3/2

yield_bcm_an_diff_rms vs Slug, Sign Corrected



Right In: 5135.111+/-1.594 χ^2/NDF : 67872.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5032.127+/-1.501 χ^2/NDF : 40994.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

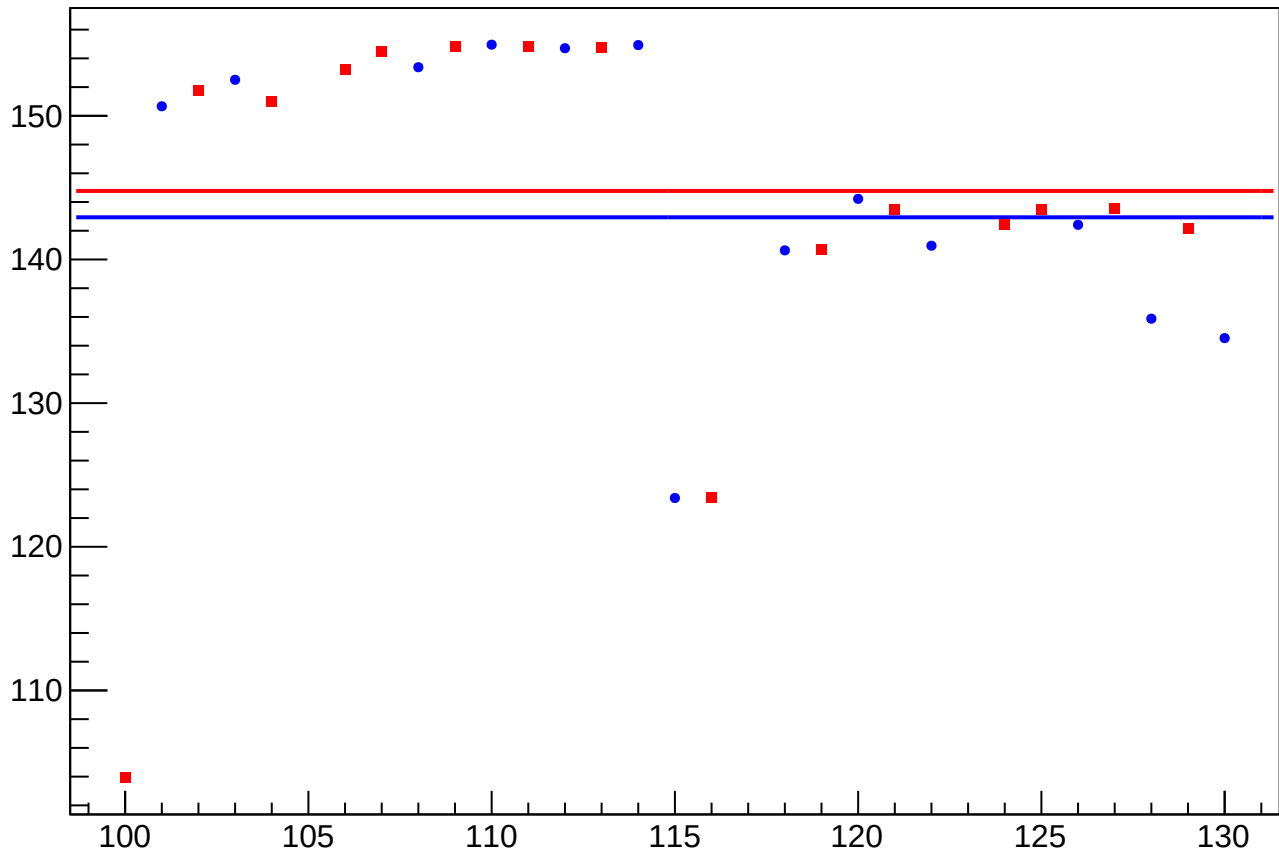
Right: 5080.522+/-1.093 χ^2/NDF : 111079.7/27

In: 5135.111+/-1.594 χ^2/NDF : 67872.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5080.522+/-1.093 χ^2/NDF : 111079.7/27

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 143.863+/-0.000 χ^2 /NDF: 7569913028.1/27

In: 142.936+/-0.000 χ^2 /NDF: 3472571281.4/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 143.863+/-0.000 χ^2 /NDF: 7569913028.1

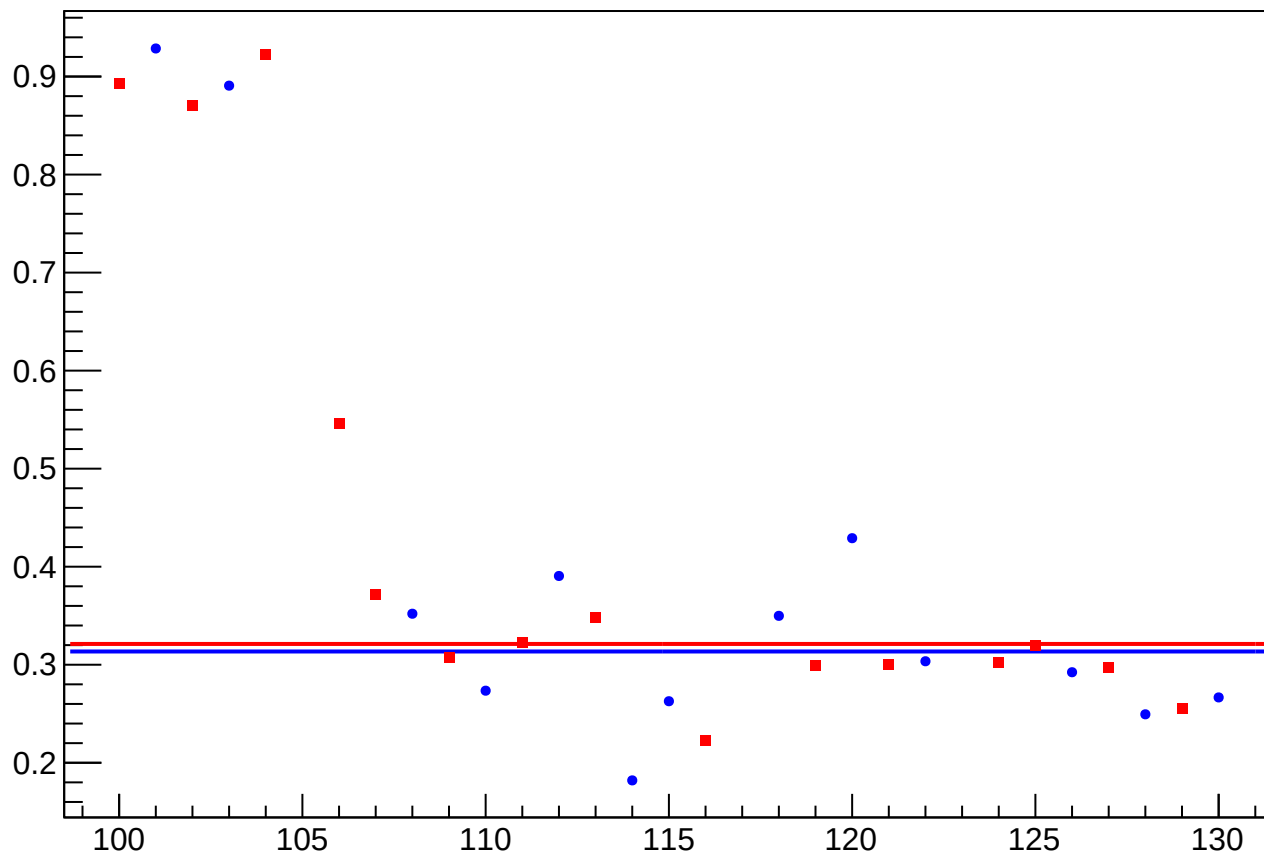
Right In: 142.936+/-0.000 χ^2 /NDF: 3472571281.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 144.772+/-0.000 χ^2 /NDF: 4022128929.6/14

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.314+/-0.000 χ^2/NDF : 1366824.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.321+/-0.000 χ^2/NDF : 1252682.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

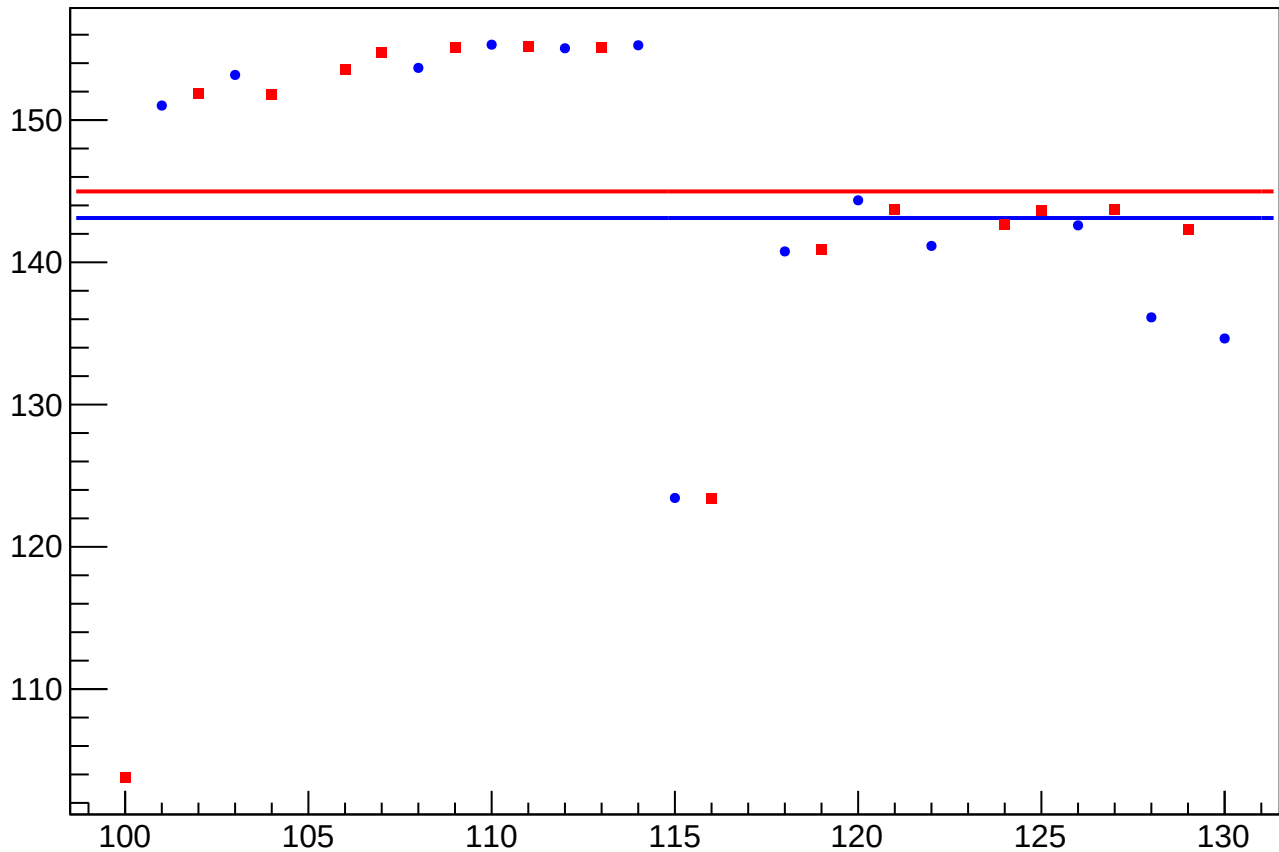
Right: 0.317+/-0.000 χ^2/NDF : 2622142.9/27

In: 0.314+/-0.000 χ^2/NDF :1366824.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

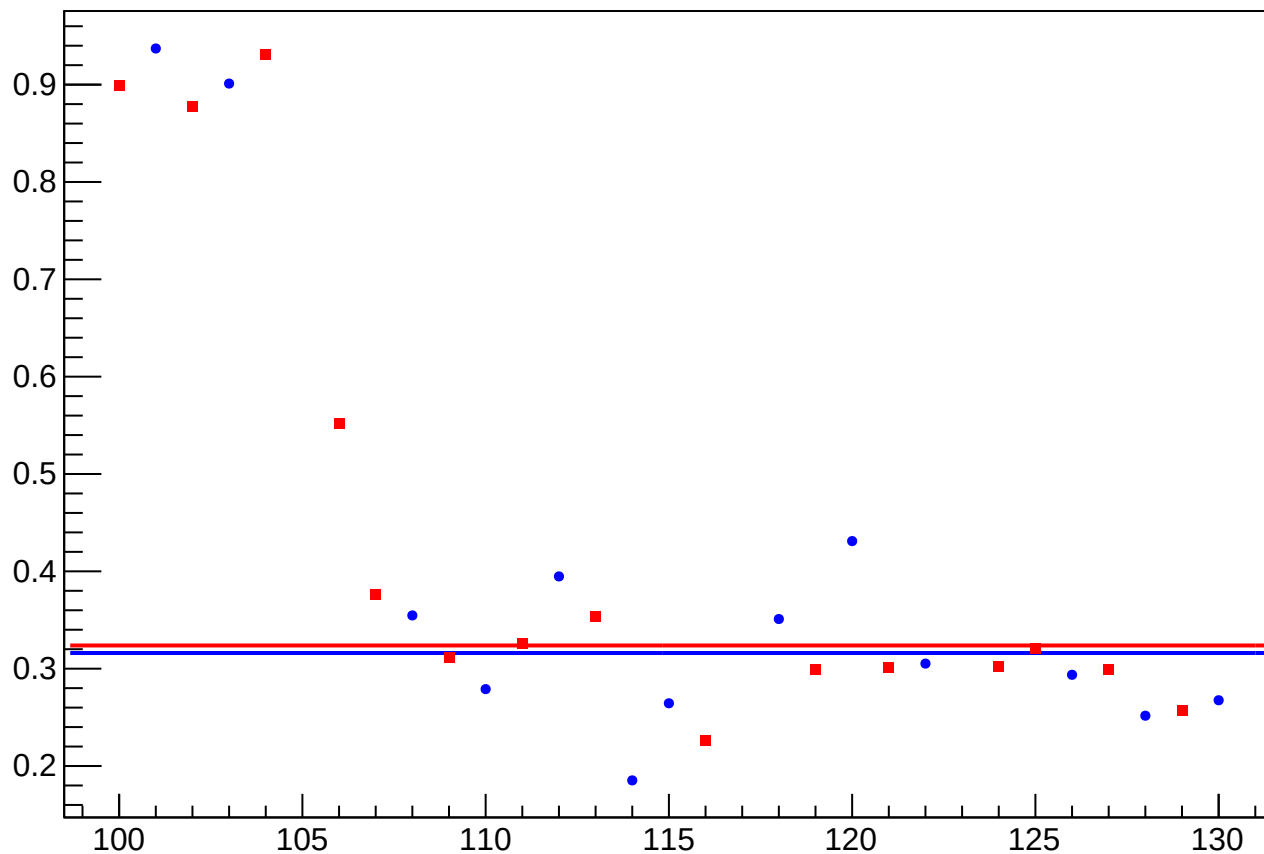
All: 0.317+/-0.000 χ^2/NDF : 2622142.9/27

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 143.115 $\pm$ 0.000 χ^2 /NDF: 3466951514.4/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 144.982 $\pm$ 0.000 χ^2 /NDF: 4008121123.7/14
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 144.057 $\pm$ 0.000 χ^2 /NDF: 7551648699.2/27
 In: 143.115 $\pm$ 0.000 χ^2 /NDF:3466951514.4/12
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.316+/-0.000 χ^2/NDF : 1364279.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.324+/-0.000 χ^2/NDF : 1253021.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

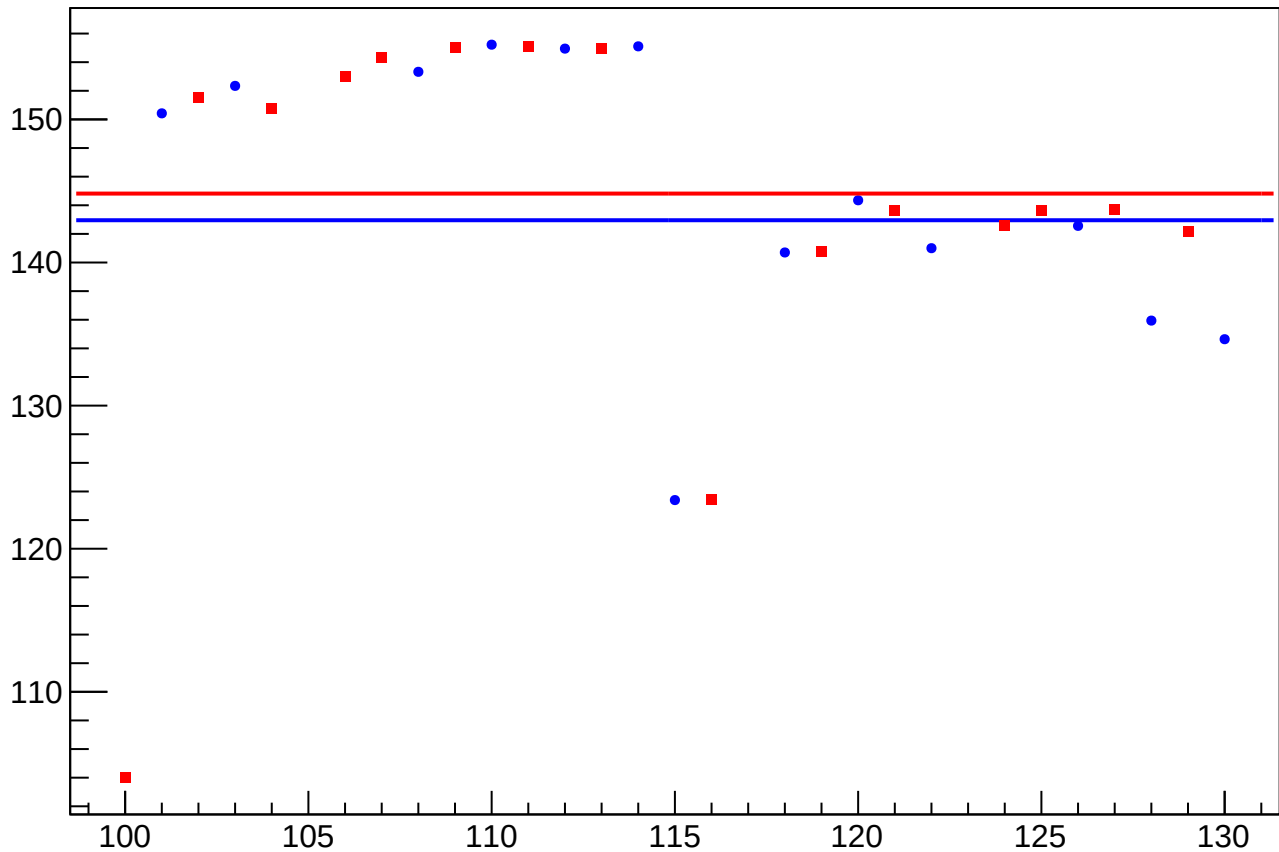
Right: 0.320+/-0.000 χ^2/NDF : 2619930.7/27

In: 0.316+/-0.000 χ^2/NDF : 1364279.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

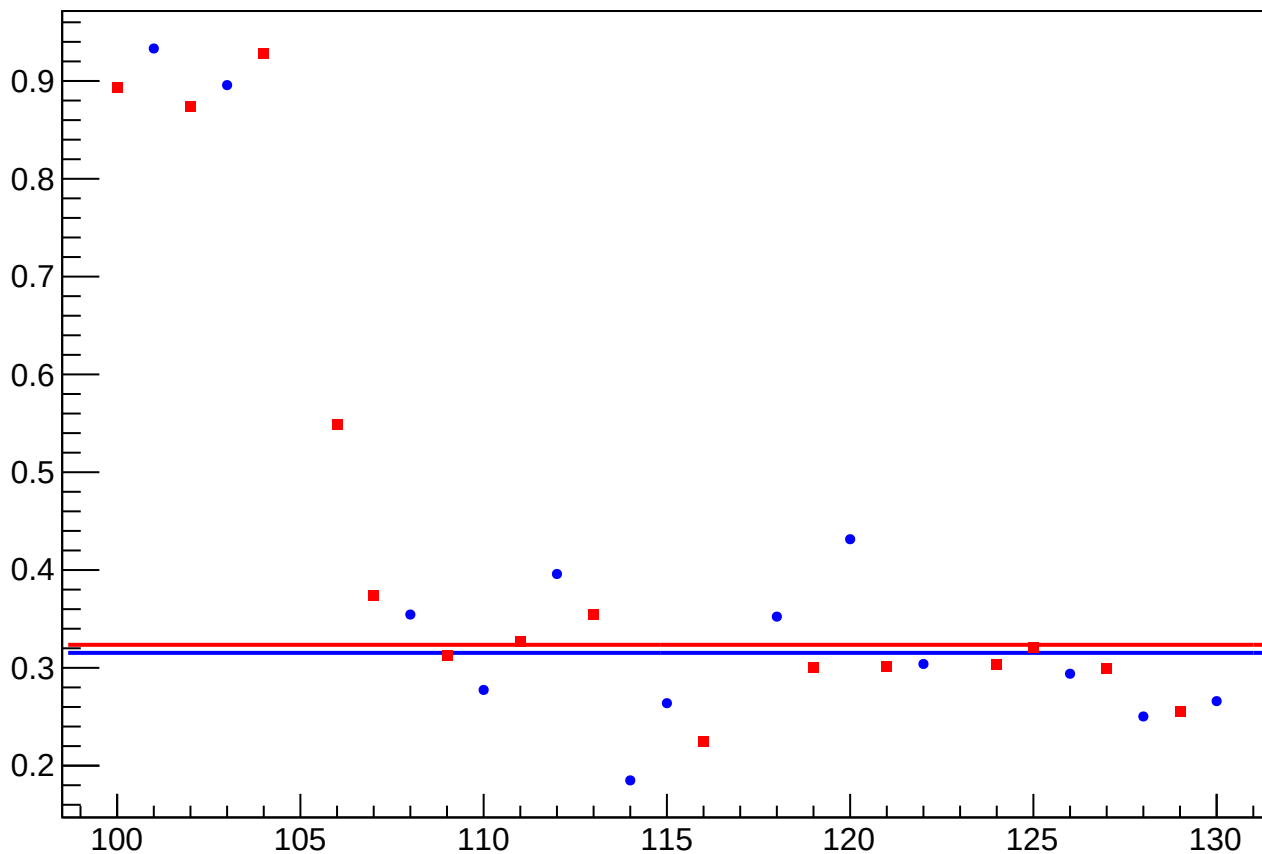
All: 0.320+/-0.000 χ^2/NDF : 2619930.7/27

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 142.955 ± 0.000 χ^2/NDF : 3442989658.1/12
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: 144.818 ± 0.000 χ^2/NDF : 3995938517.9/14
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: 143.893 ± 0.000 χ^2/NDF : 7515317920.3

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.315+/-0.000 χ^2/NDF : 1367886.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.324+/-0.000 χ^2/NDF : 1254560.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

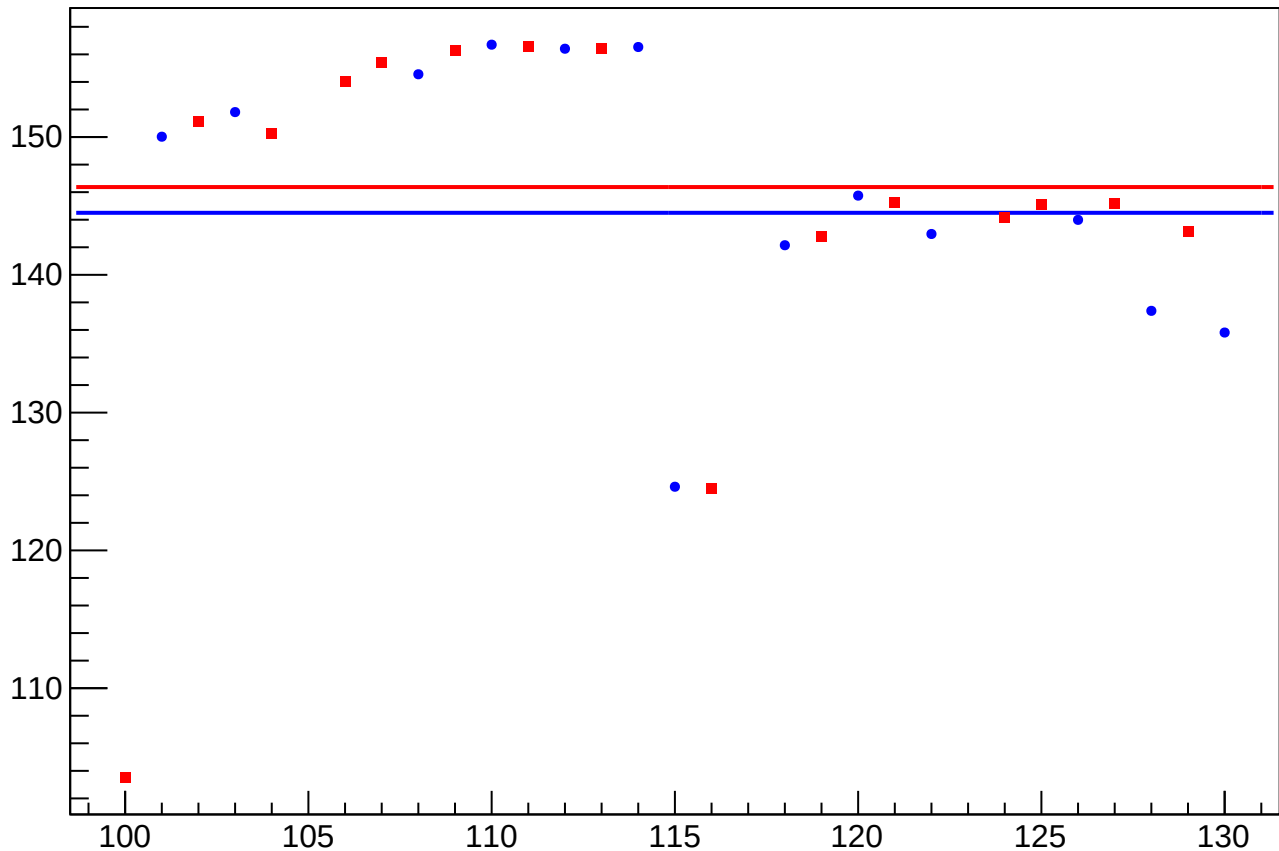
Right: 0.319+/-0.000 χ^2/NDF : 2625433.0/27

In: 0.315+/-0.000 χ^2/NDF : 1367886.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.319+/-0.000 χ^2/NDF : 2625433.0/27

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 145.445+/-0.000 χ^2/NDF : 6918000149.8/27

In: 144.502+/-0.000 χ^2/NDF : 3222834934.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.445+/-0.000 χ^2/NDF : 6918000149.8

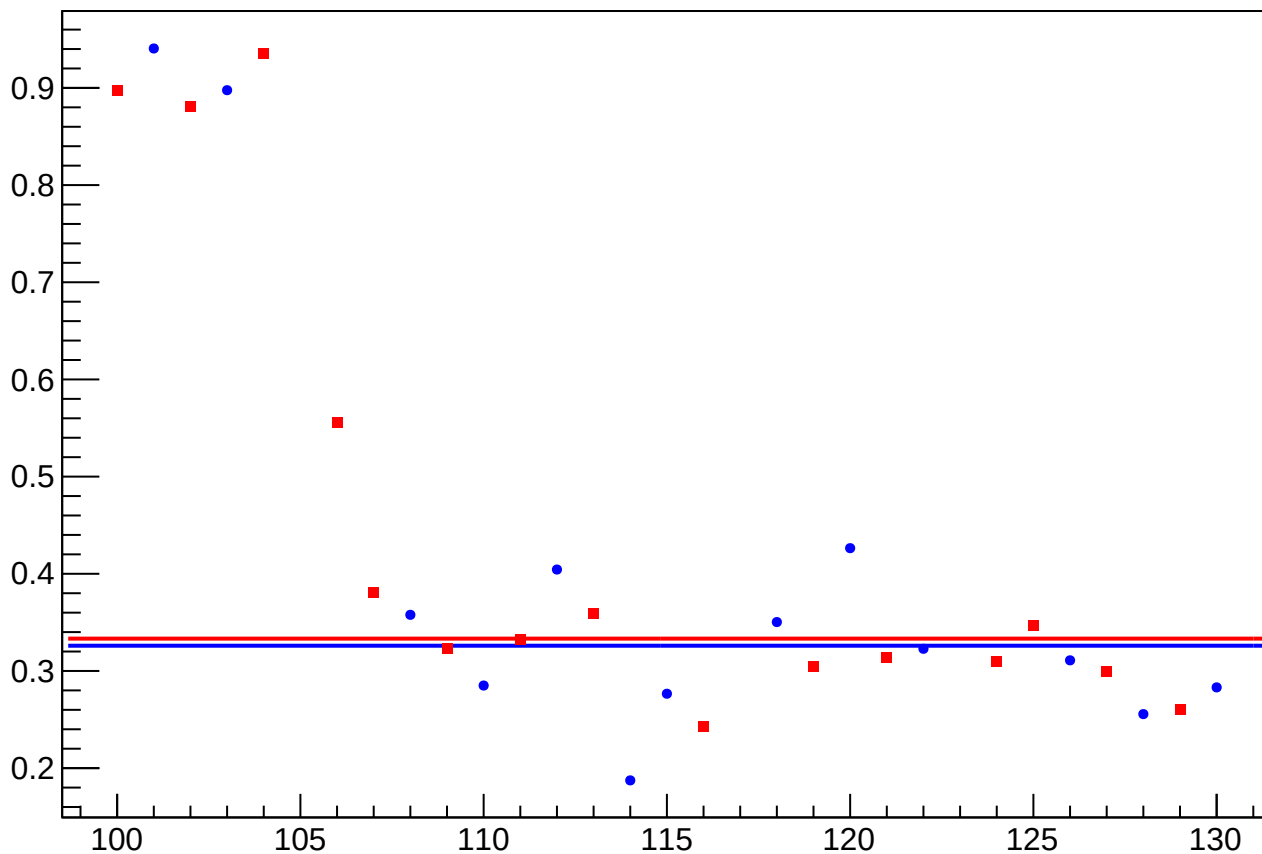
Right In: 144.502+/-0.000 χ^2/NDF : 3222834934.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.370+/-0.000 χ^2/NDF : 3622598742.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.326+/-0.000 χ^2/NDF : 1315786.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.333+/-0.000 χ^2/NDF : 1211673.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

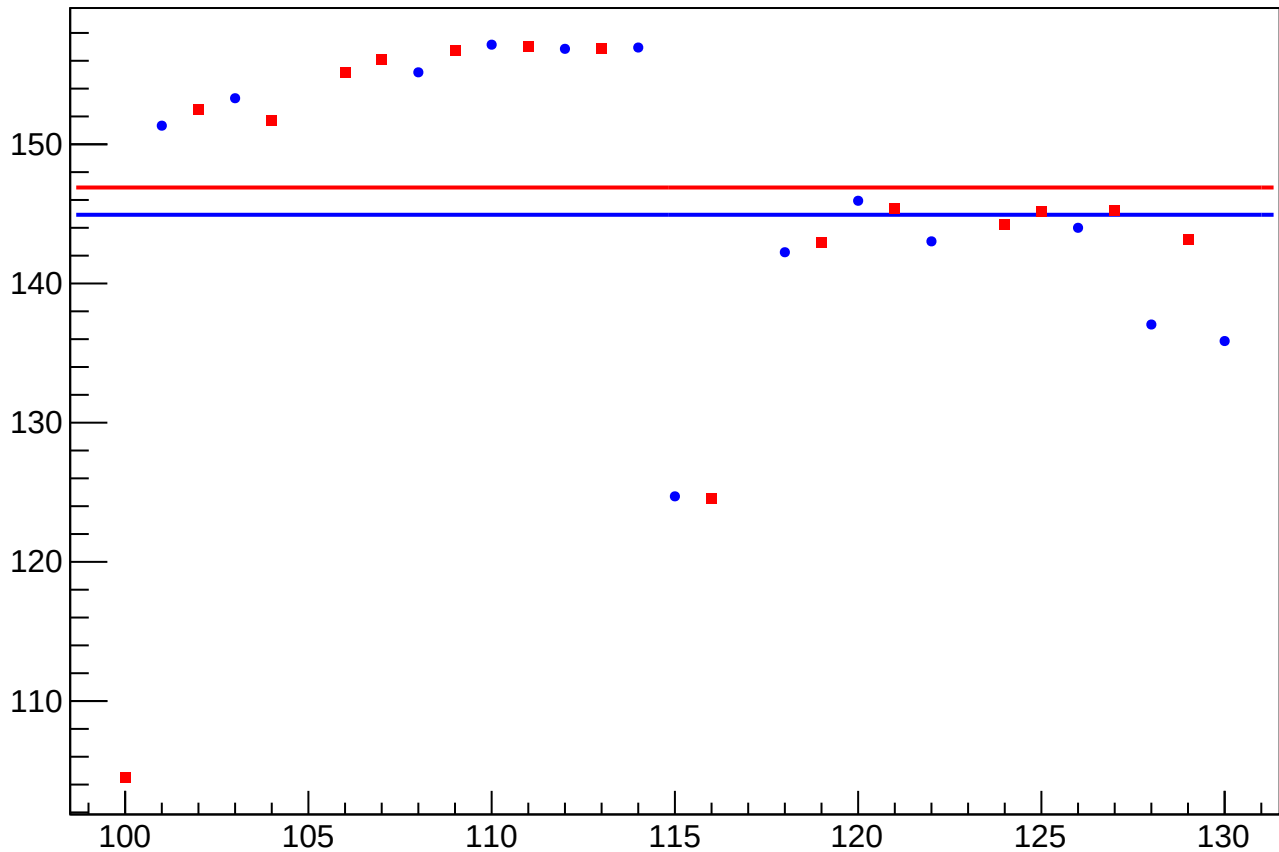
Right: 0.330+/-0.000 χ^2/NDF : 2529676.0/27

In: 0.326+/-0.000 χ^2/NDF :1315786.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.330+/-0.000 χ^2/NDF : 2529676.0/27

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 144.936+/-0.000 χ^2/NDF : 3408750258.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.896+/-0.000 χ^2/NDF : 3714090457.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

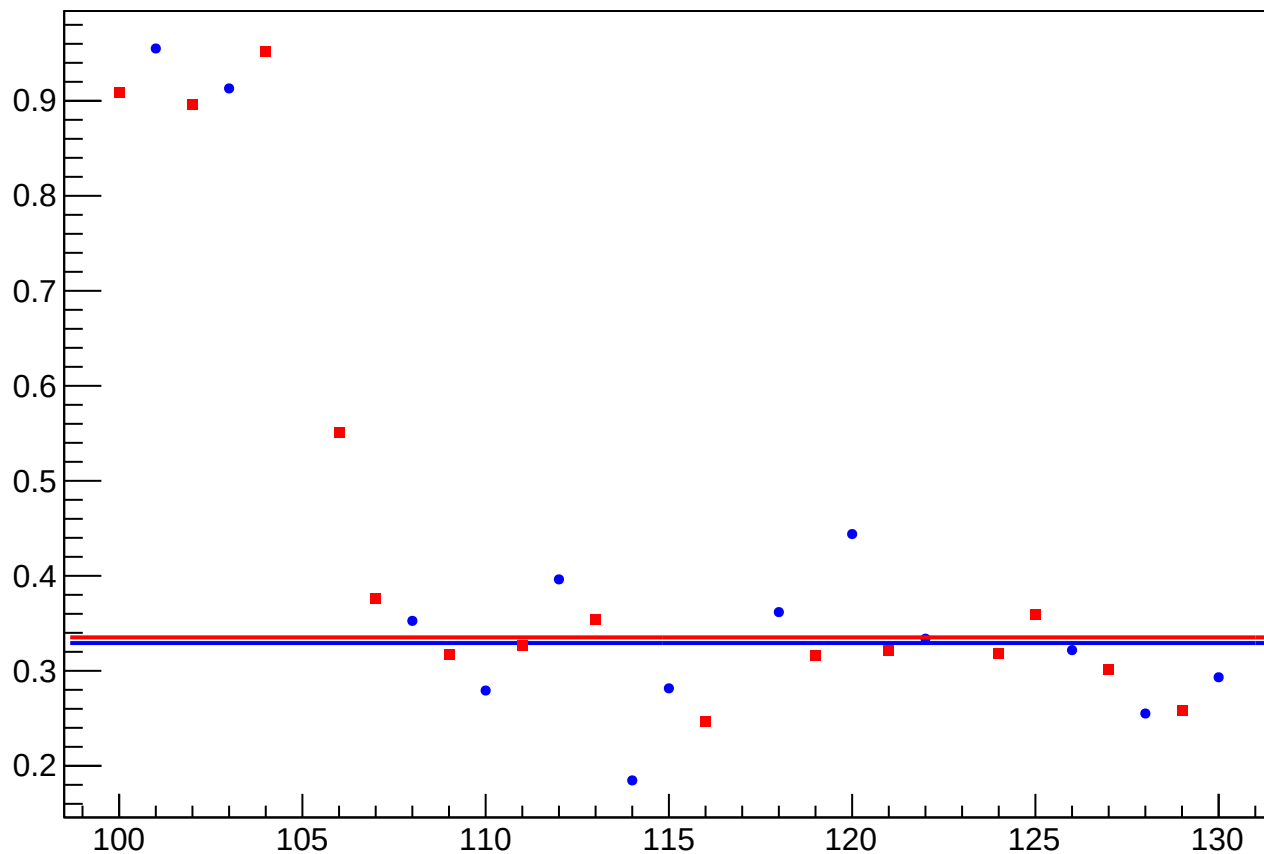
Right: 145.930+/-0.000 χ^2/NDF : 7201251580.0/27

In: 144.936+/-0.000 χ^2/NDF : 3408750258.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.930+/-0.000 χ^2/NDF : 7201251580.0

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.329+/-0.000 χ^2/NDF : 1339048.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.335+/-0.000 χ^2/NDF : 1213359.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

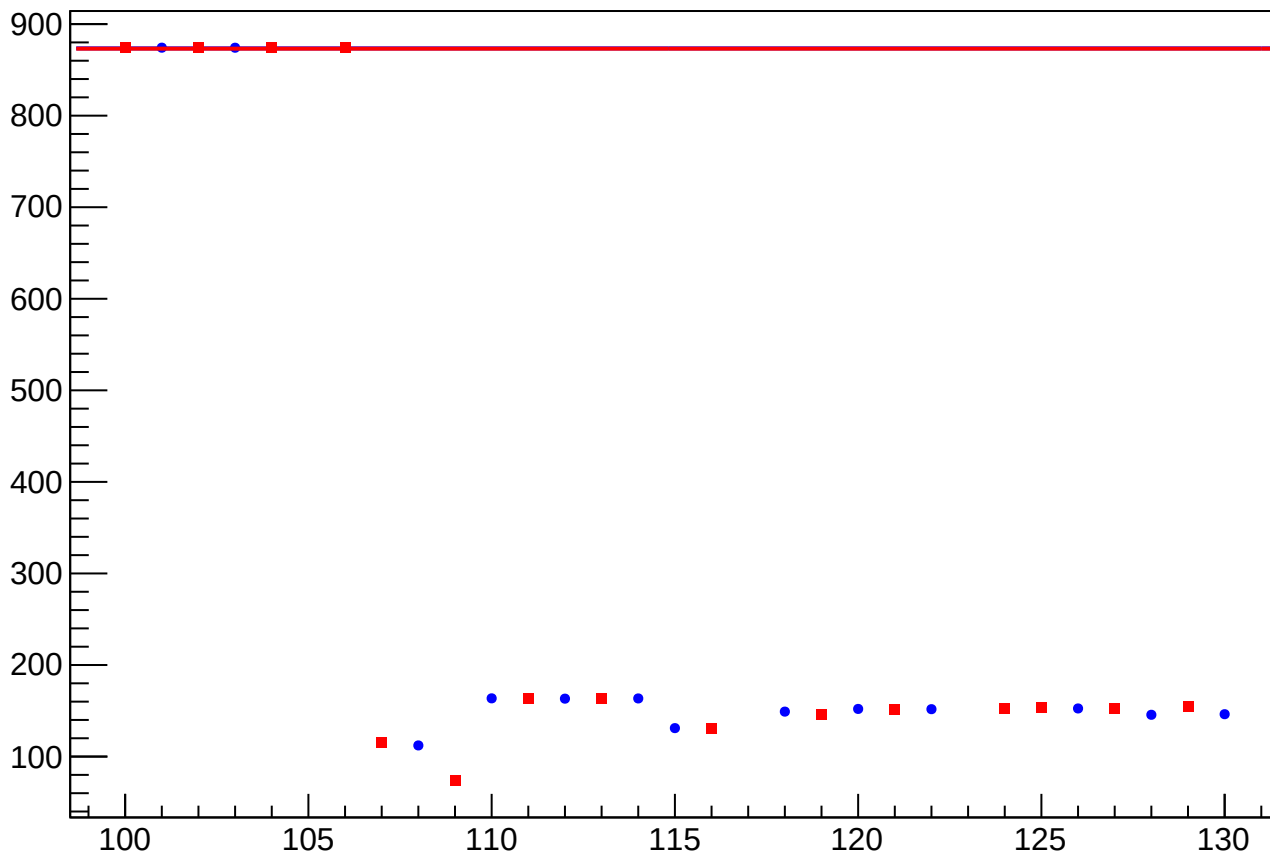
Right: 0.332+/-0.000 χ^2/NDF : 2553870.1/27

In: 0.329+/-0.000 χ^2/NDF : 1339048.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

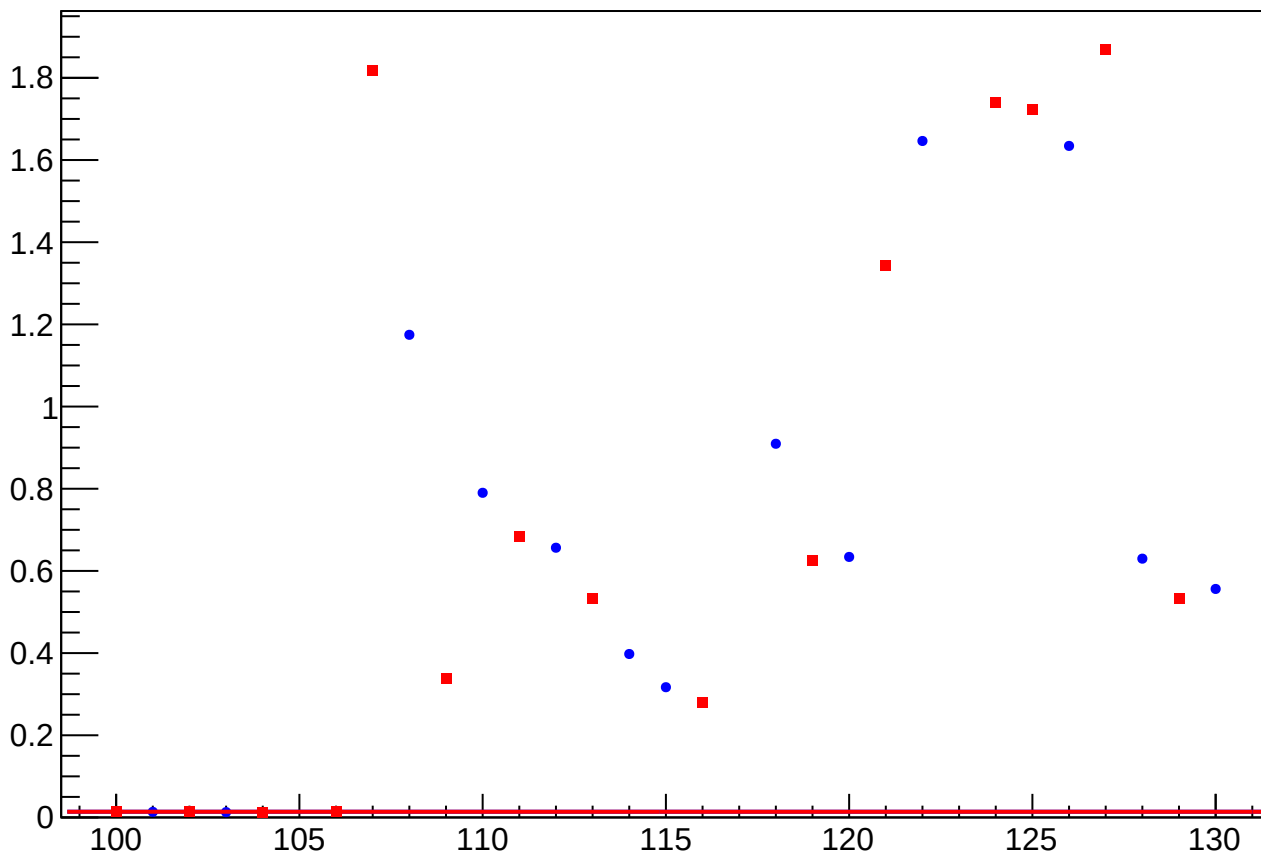
All: 0.332+/-0.000 χ^2/NDF : 2553870.1/27

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 873.477+/-0.000 χ^2/NDF : 3863772653749.2/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 873.171+/-0.000 χ^2/NDF : 6247434949049.7/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 873.313+/-0.000 χ^2/NDF : 10111564363654.0

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 6639640.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 6702929.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

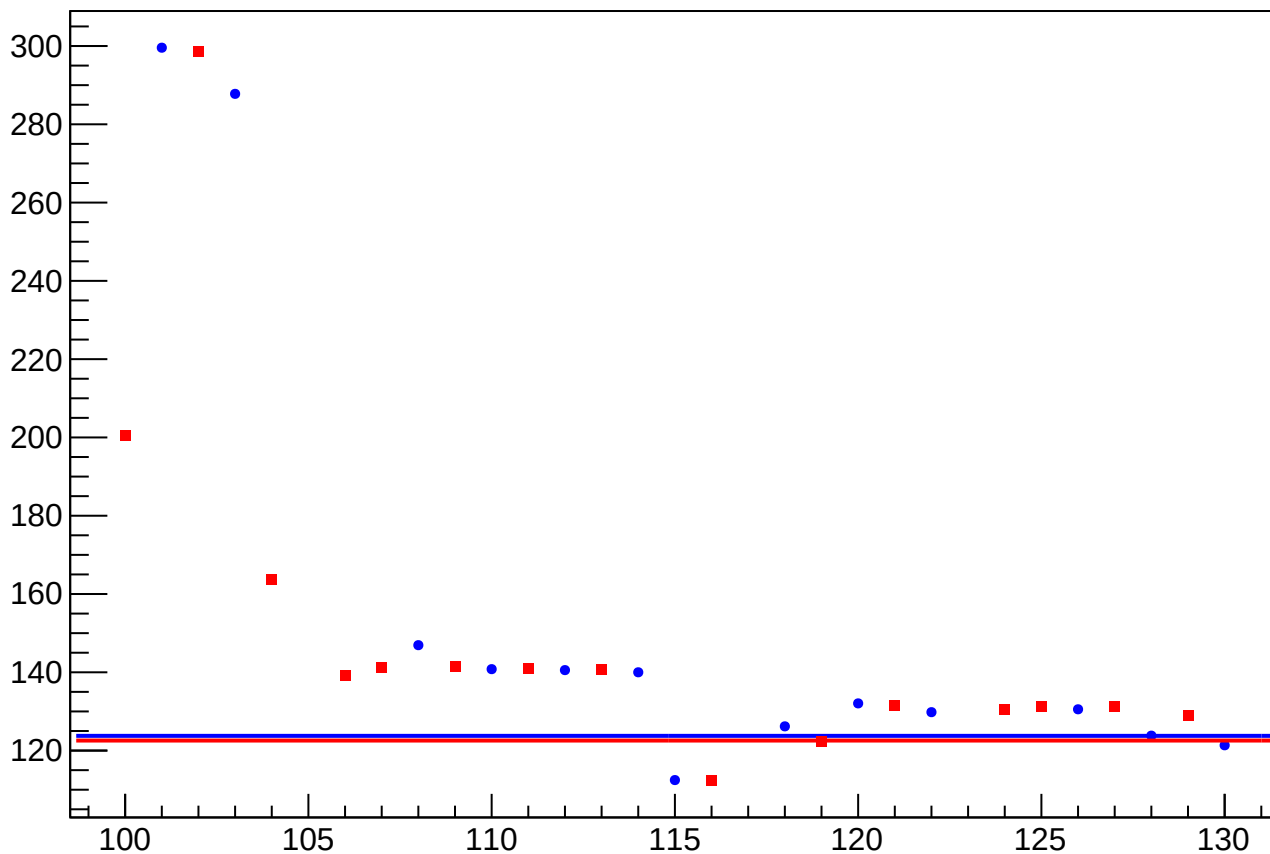
Right: 0.014+/-0.000 χ^2/NDF : 13342582.2/27

In: 0.014+/-0.000 χ^2/NDF : 6639640.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 13342582.2/27

yield_cav4cQ_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right In: 123.765+/-0.000 χ^2/NDF : 1254743129.3/12

Right: 123.100+/-0.000 χ^2/NDF : 2473984394.2/27

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 123.765+/-0.000 χ^2/NDF : 1254743129.3/12

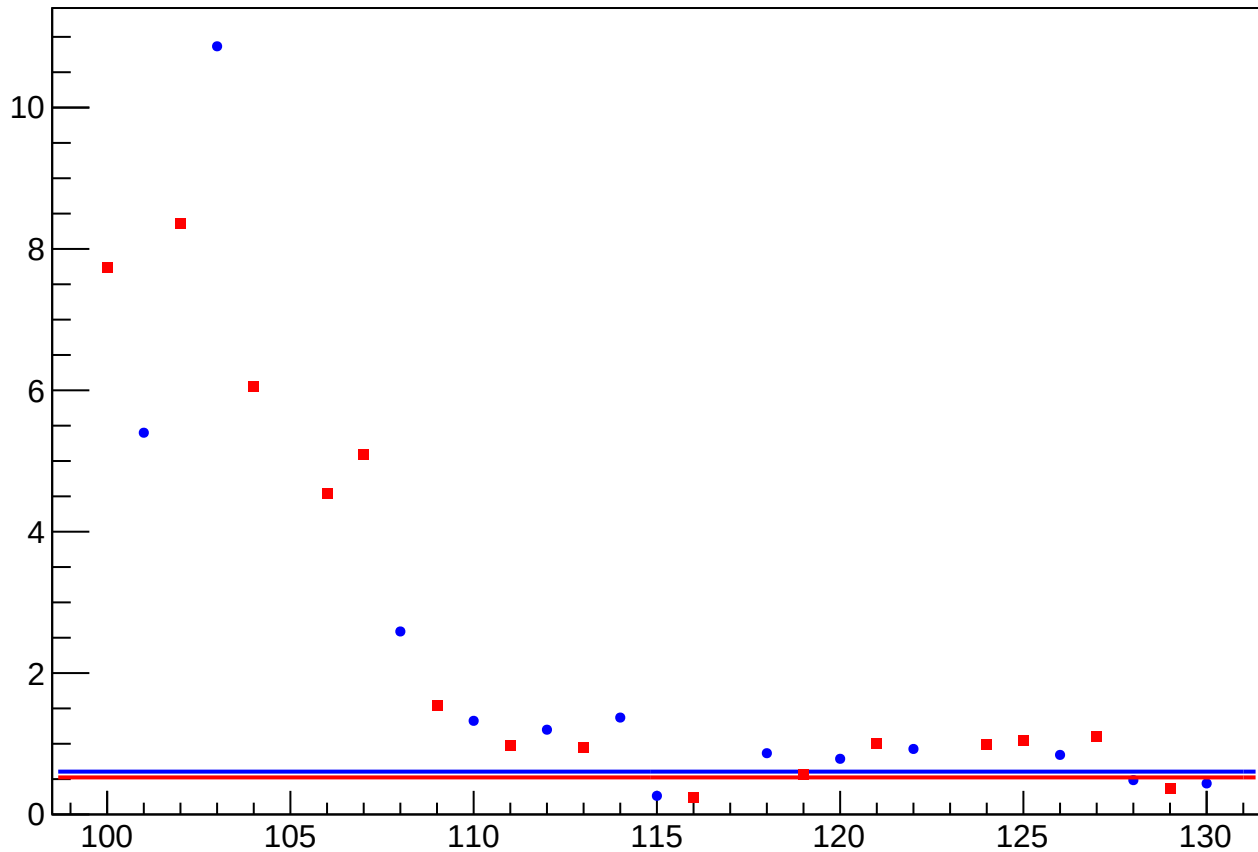
Right Out: 122.565+/-0.000 χ^2/NDF : 1213372333.3/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.100+/-0.000 χ^2/NDF : 2473984394.2

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.606+/-0.000 χ^2/NDF : 3660515.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.524+/-0.000 χ^2/NDF : 4711277.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

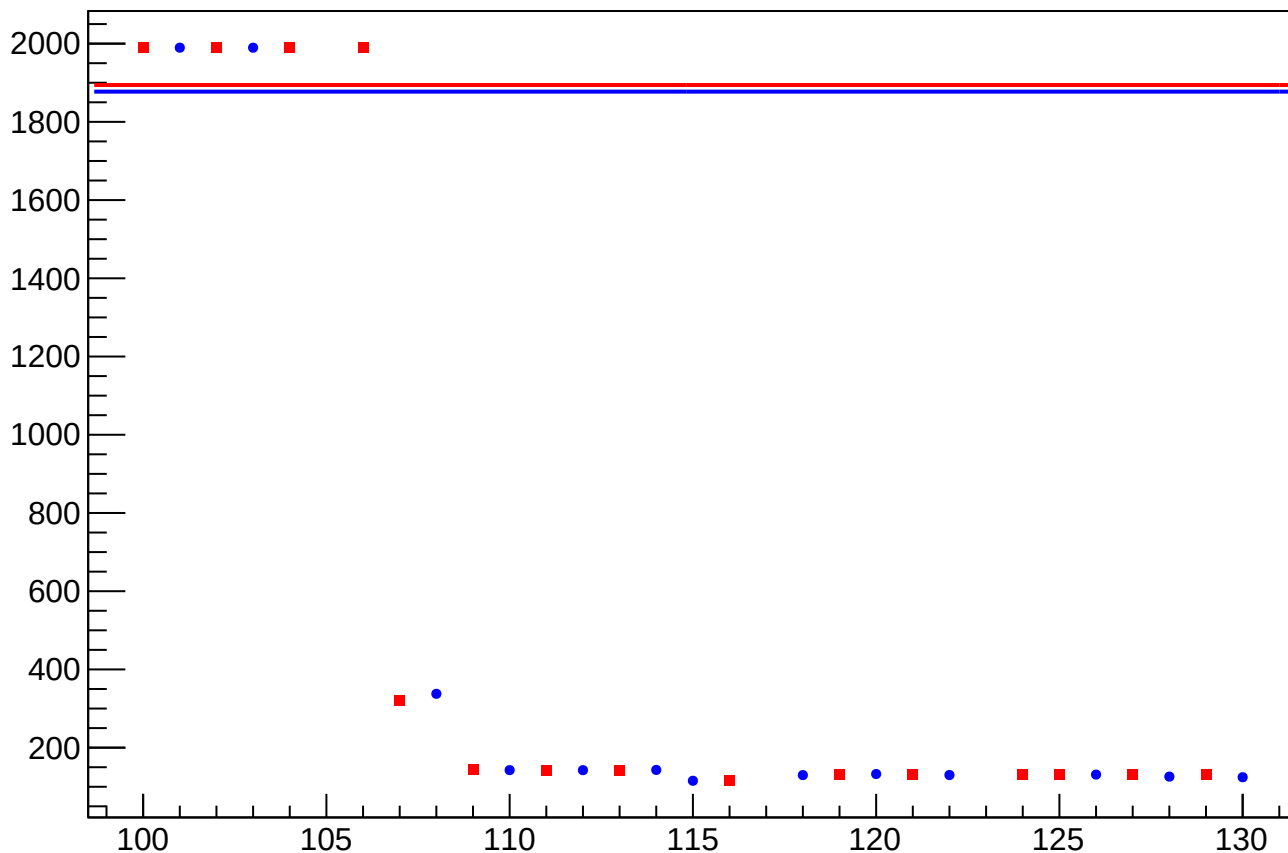
Right: 0.561+/-0.000 χ^2/NDF : 8426661.6/27

In: 0.606+/-0.000 χ^2/NDF : 3660515.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

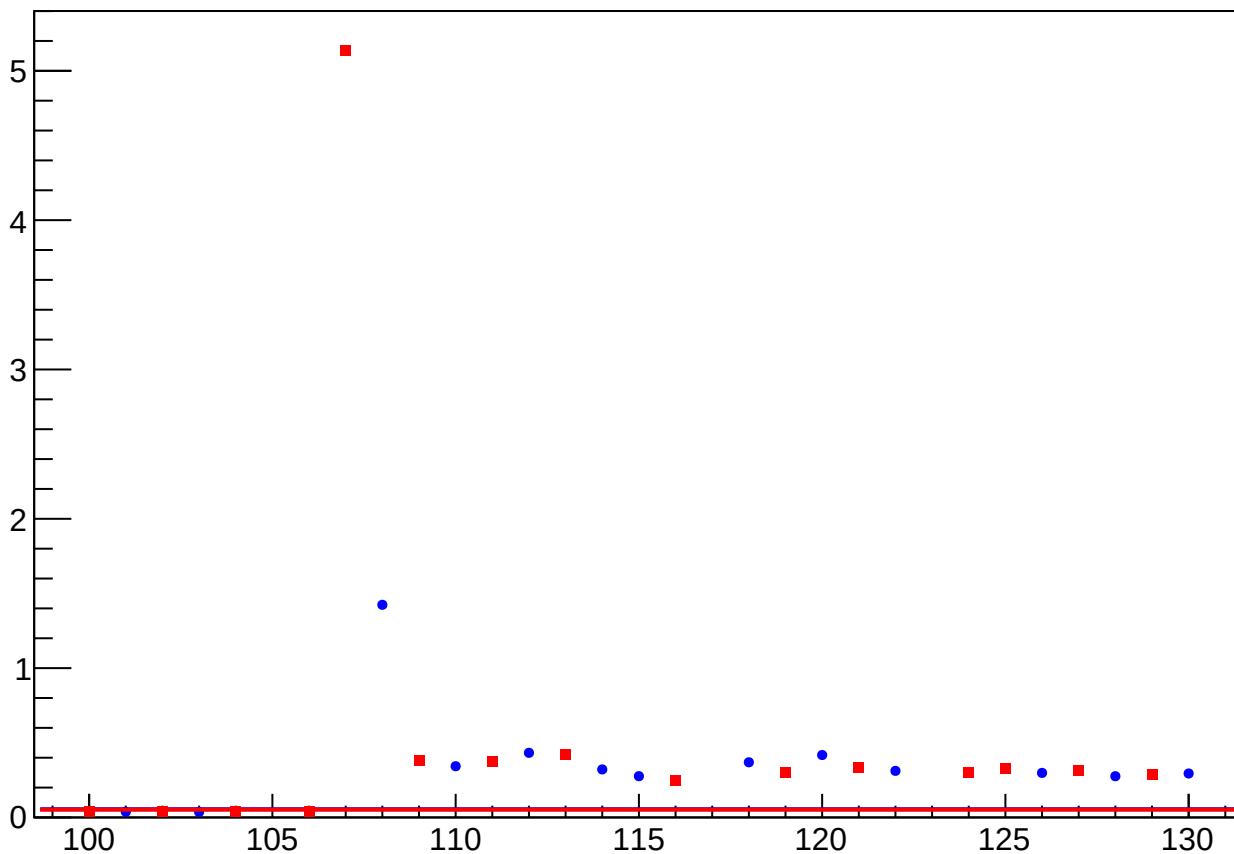
All: 0.561+/-0.000 χ^2/NDF : 8426661.6/27

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 1877.285+/-0.000 χ^2/NDF : 109506854887045.1/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 1894.180+/-0.000 χ^2/NDF : 110197841681442.7/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1886.409+/-0.000 χ^2/NDF : 21979072353913

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.055+/-0.000 χ^2/NDF : 5869885.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.052+/-0.000 χ^2/NDF : 5573049.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

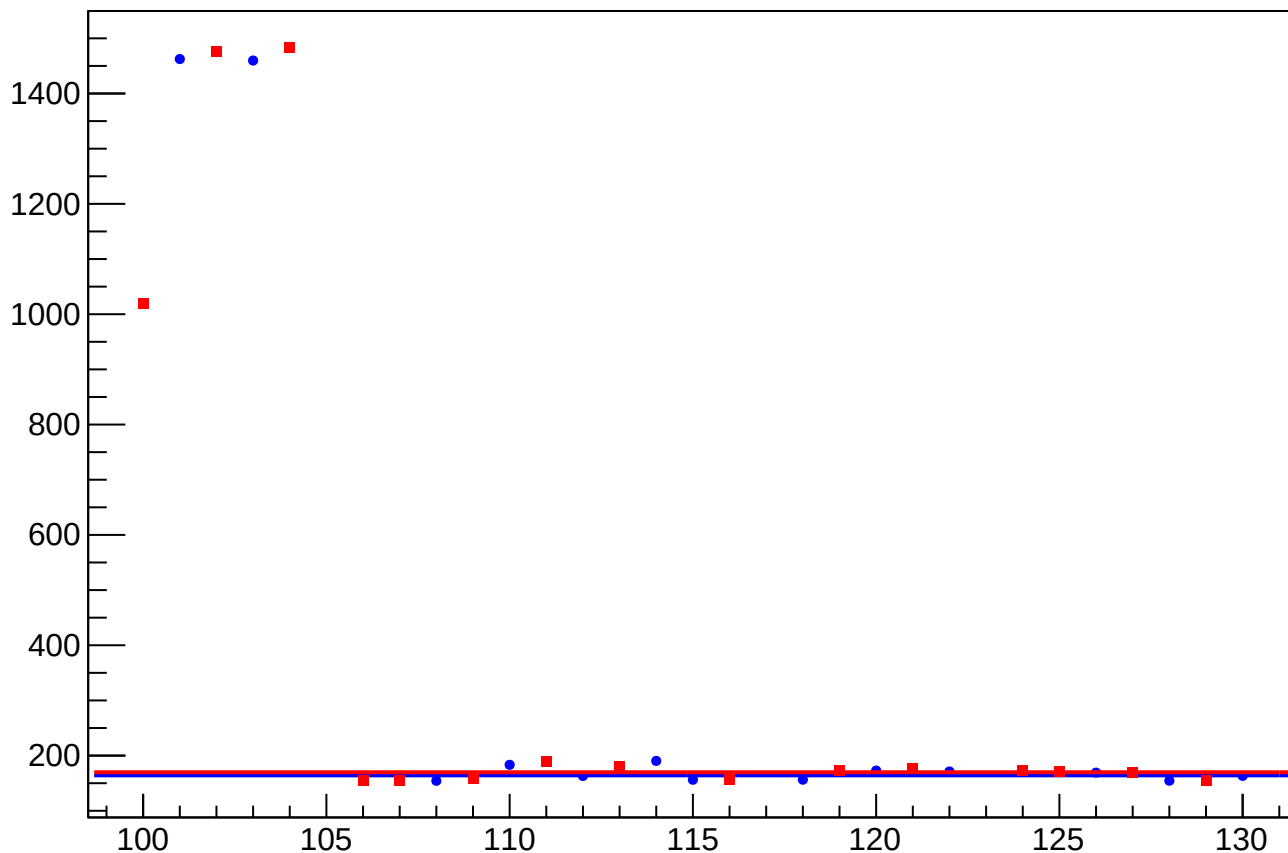
Right: 0.054+/-0.000 χ^2/NDF : 11448115.0/27

In: 0.055+/-0.000 χ^2/NDF : 5869885.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

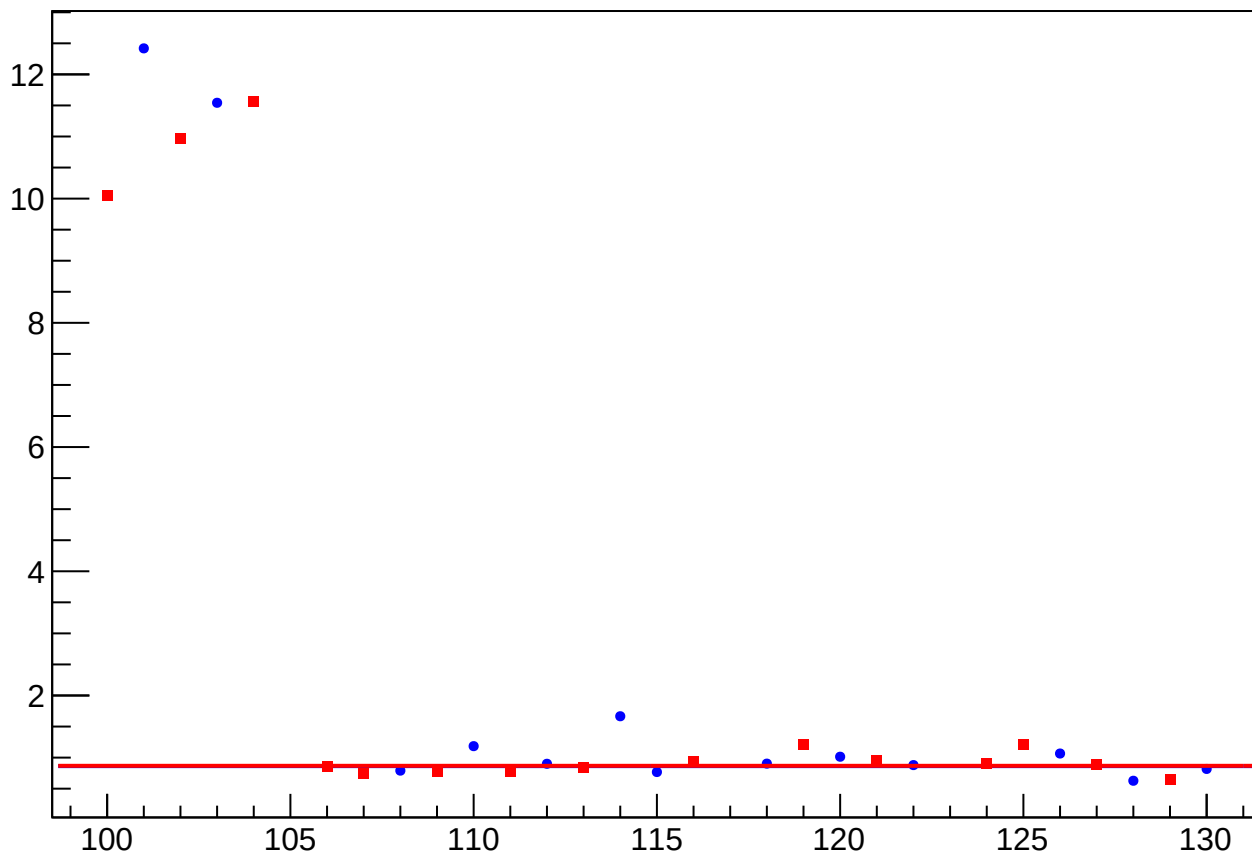
All: 0.054+/-0.000 χ^2/NDF : 11448115.0/27

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 164.241+/-0.000 χ^2/NDF : 14456788793.8/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 169.823+/-0.000 χ^2/NDF : 16181236949.4/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 167.074+/-0.000 χ^2/NDF : 30702257719.8/27

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.863+/-0.000 χ^2/NDF : 2294925.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.868+/-0.000 χ^2/NDF : 2180282.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

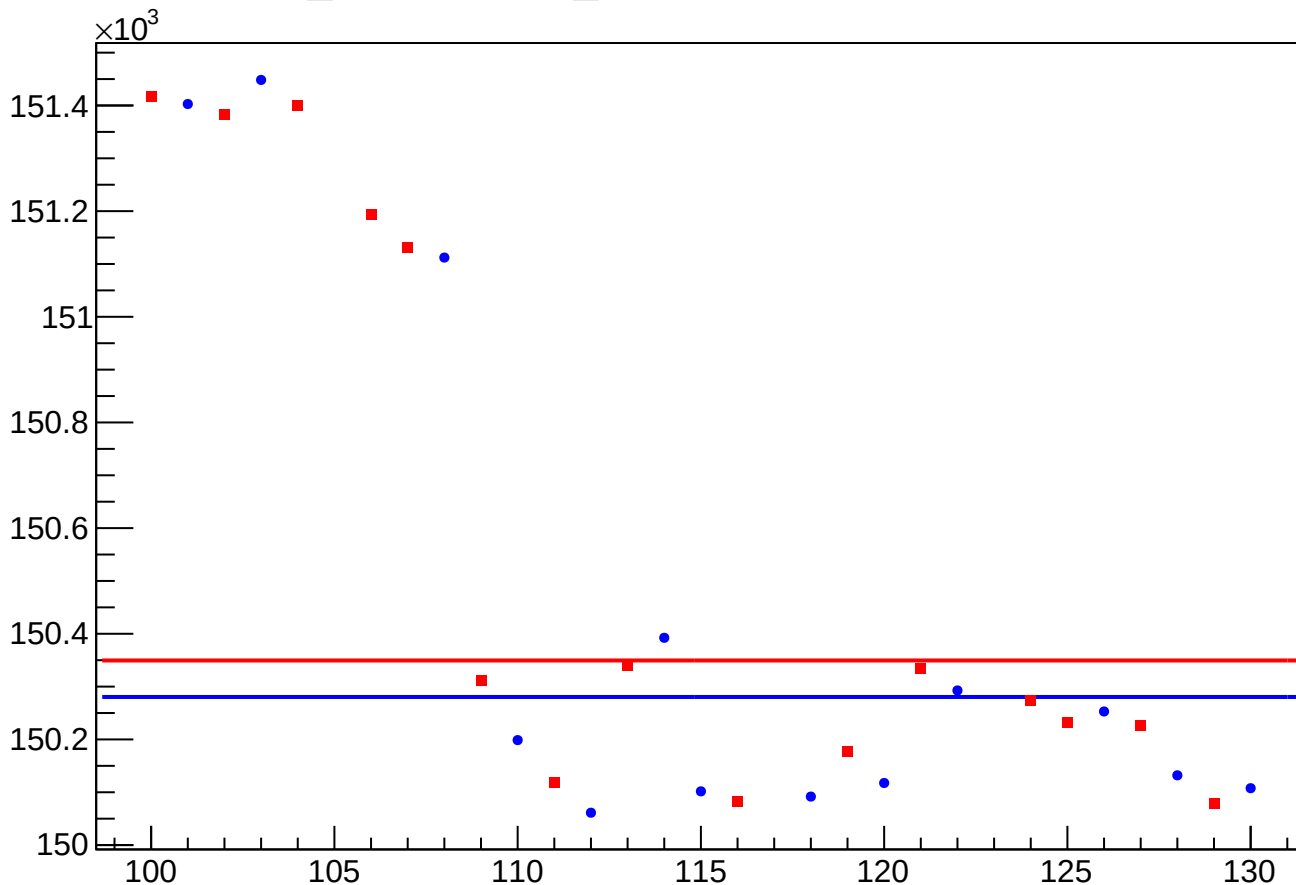
Right: 0.865+/-0.000 χ^2/NDF : 4475312.6/27

In: 0.863+/-0.000 χ^2/NDF : 2294925.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.865+/-0.000 χ^2/NDF : 4475312.6/27

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right In: 150280.378+/-0.061 χ^2/NDF : 34381951.1/12

Right: 150317.859+/-0.041 χ^2/NDF : 72535232.8/27

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150349.477+/-0.056 χ^2/NDF : 37448402.0/14

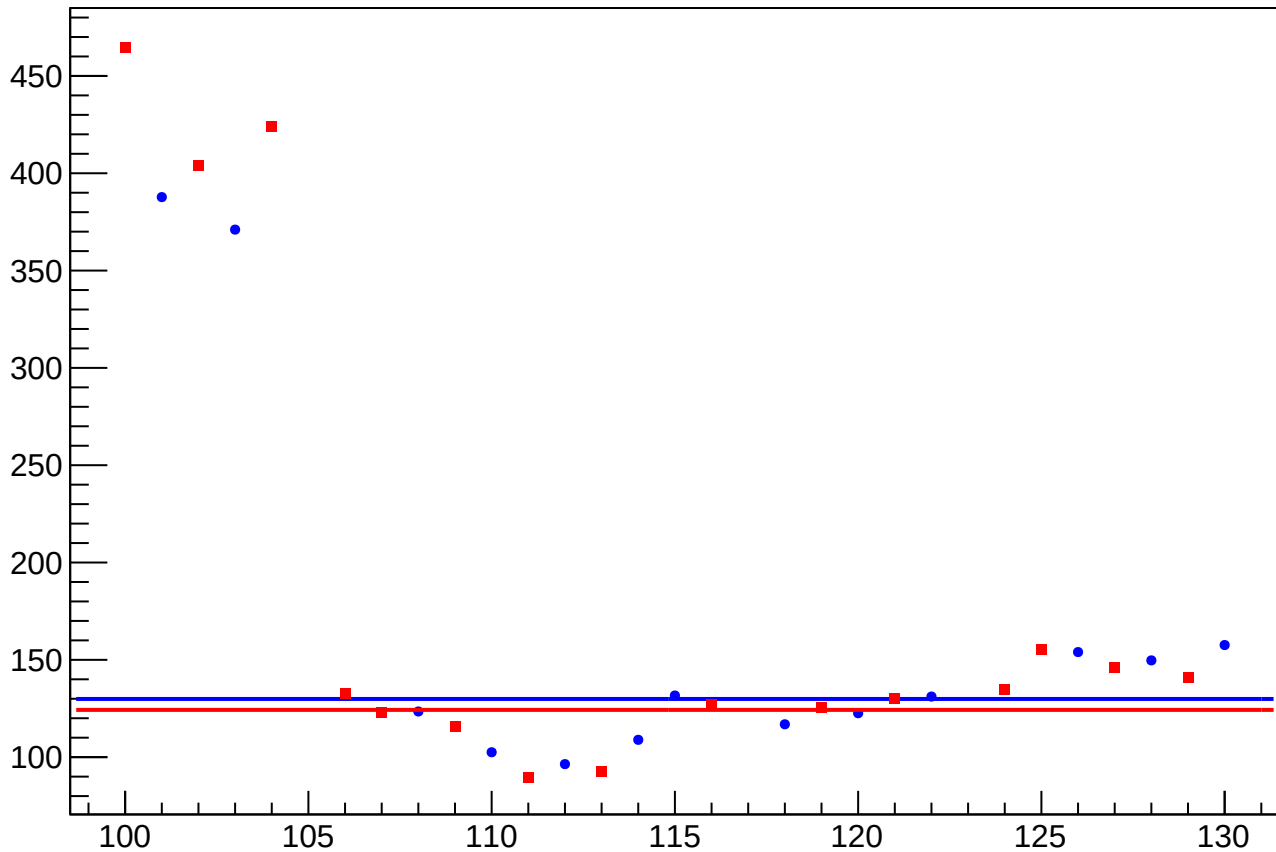
In: 150280.378+/-0.061 χ^2/NDF : 34381951.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150317.859+/-0.041 χ^2/NDF : 72535232.8/27

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 129.901+/-0.043 χ^2/NDF : 1306228.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.285+/-0.039 χ^2/NDF : 1513685.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

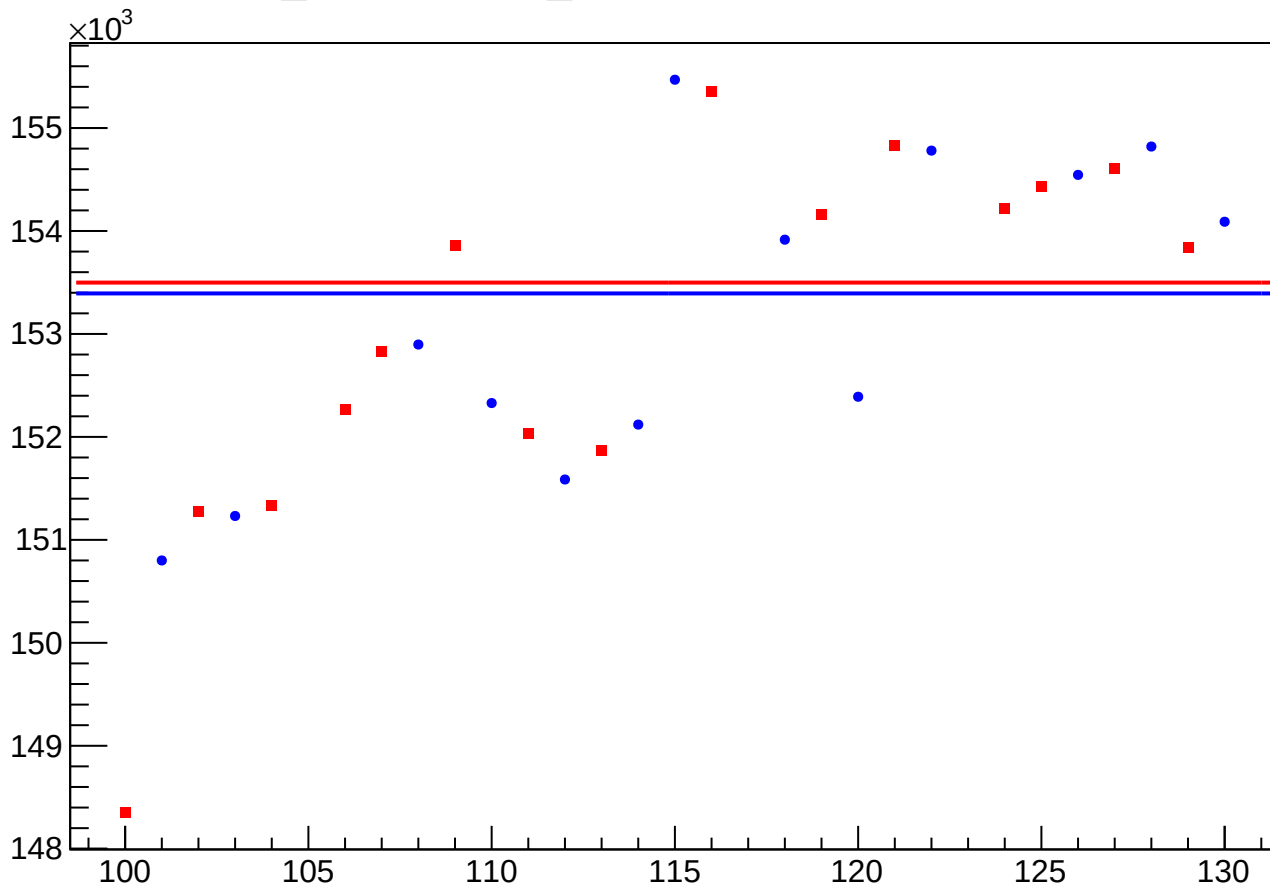
Right: 126.855+/-0.029 χ^2/NDF : 2829227.8/27

In: 129.901+/-0.043 χ^2/NDF : 1306228.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.855+/-0.029 χ^2/NDF : 2829227.8/27

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 153393.502+/-0.085 χ^2 /NDF: 233961609.7/12

Right: 153453.049+/-0.056 χ^2 /NDF: 491143970.0/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 153498.776+/-0.075 χ^2 /NDF: 256324045.5/14

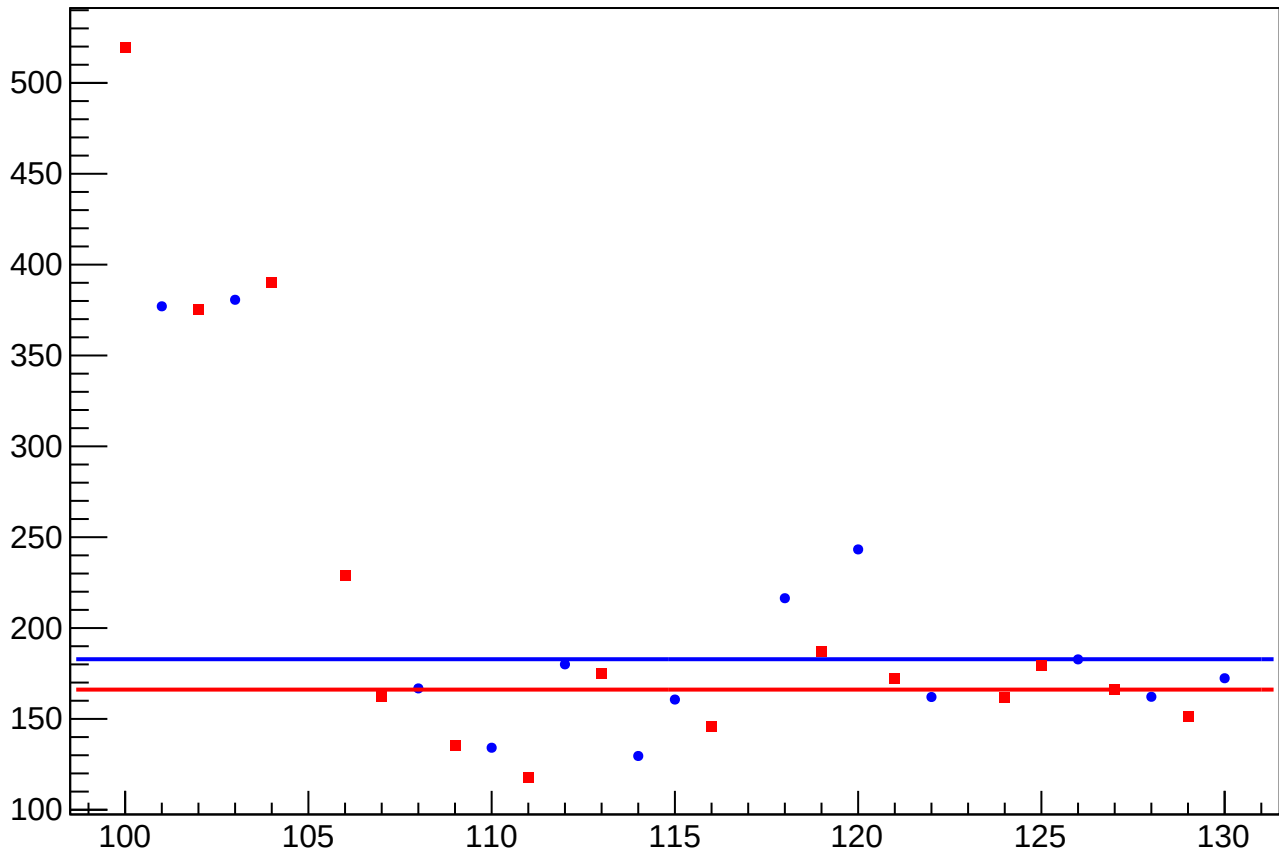
In: 153393.502+/-0.085 χ^2 /NDF: 233961609.7/12

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 153453.049+/-0.056 χ^2 /NDF: 491143970.0/2

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 182.848+/-0.060 χ^2/NDF : 896827.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 166.128+/-0.053 χ^2/NDF : 1074527.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

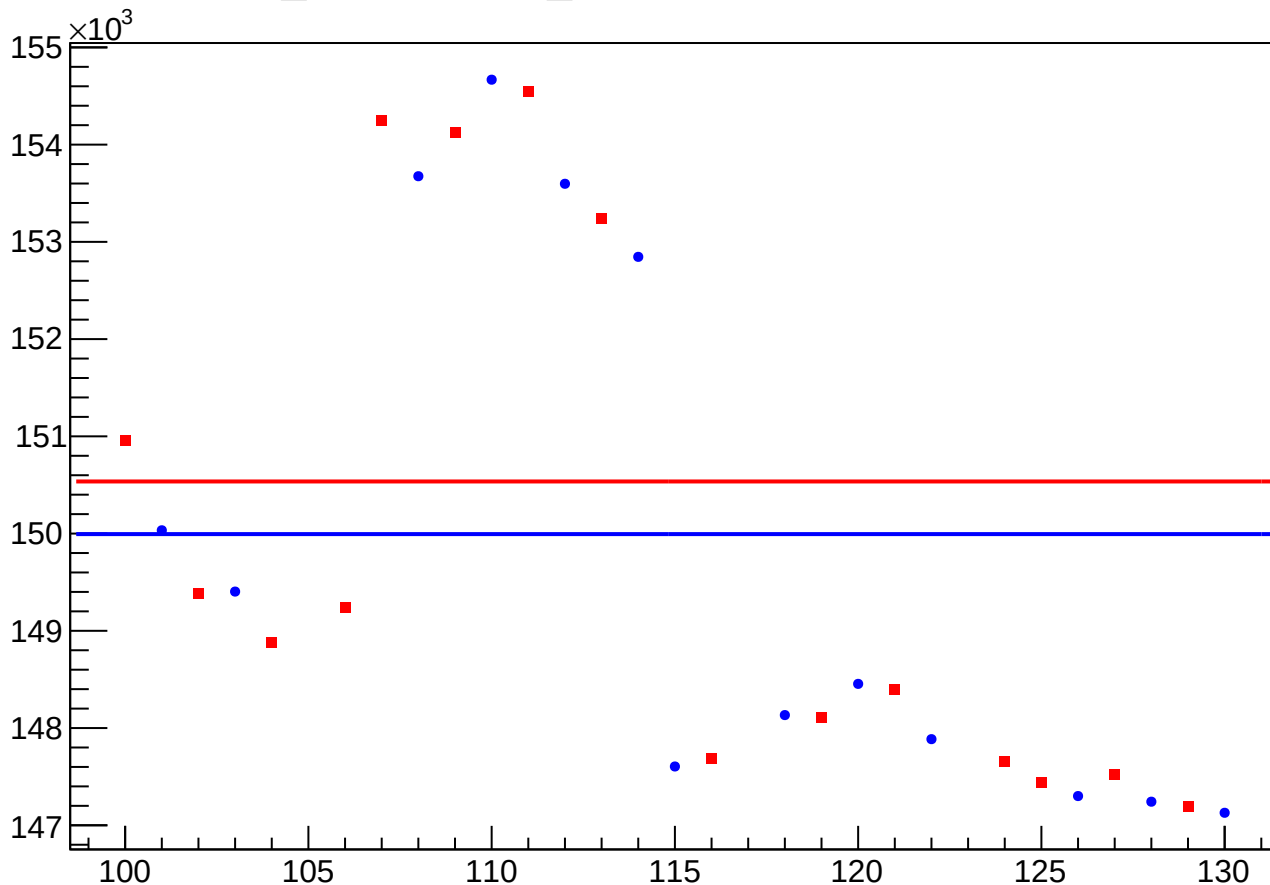
Right: 173.390+/-0.040 χ^2/NDF : 2014657.0/27

In: 182.848+/-0.060 χ^2/NDF : 896827.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.390+/-0.040 χ^2/NDF : 2014657.0/27

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 149994.571+/-0.070 χ^2 /NDF: 1781707087.7/12

Right: 150281.047+/-0.048 χ^2 /NDF: 3972566441.9/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

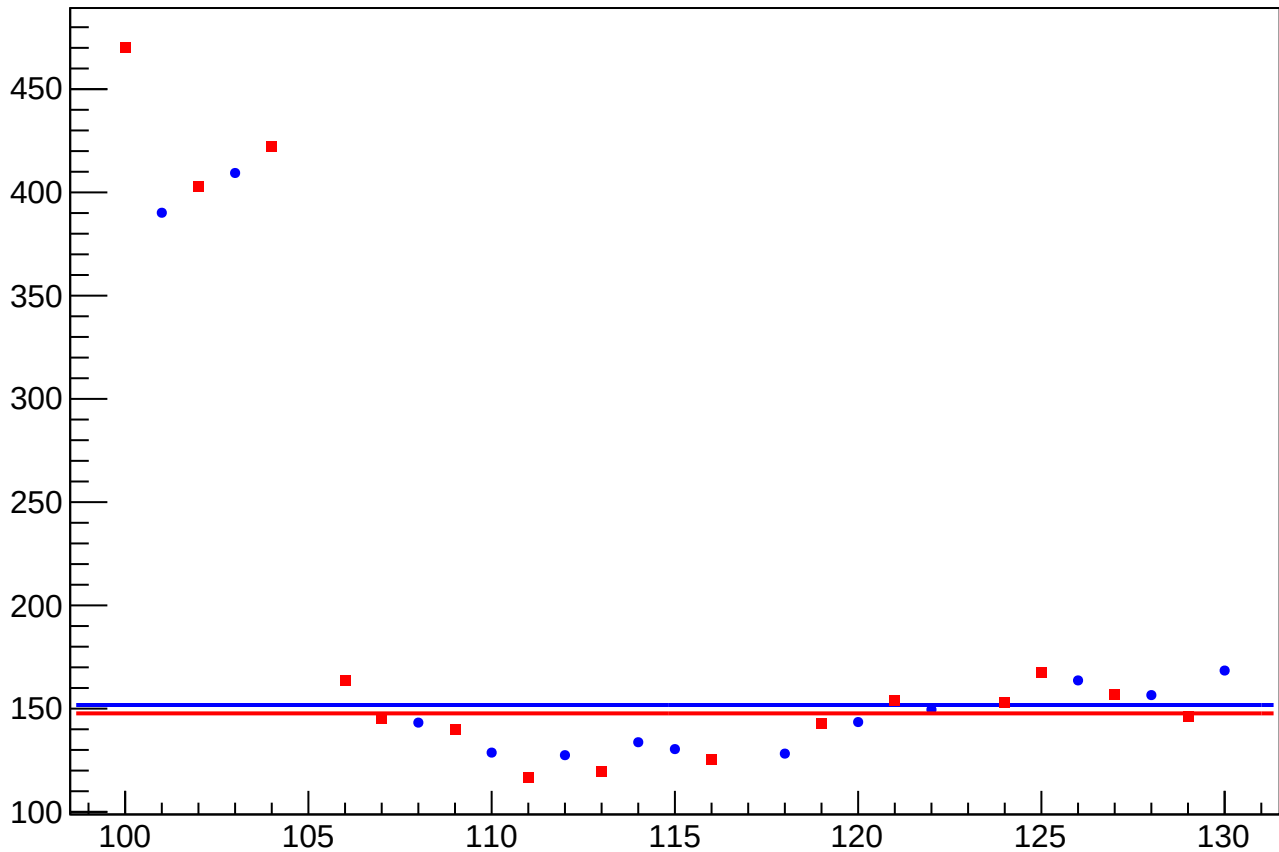
Right Out: 150535.899+/-0.066 χ^2 /NDF: 2158983893.1/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 150281.047+/-0.048 χ^2 /NDF: 3972566441.9/12

yield_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 151.761+/-0.049 χ^2/NDF : 1087468.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.701+/-0.047 χ^2/NDF : 1172673.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

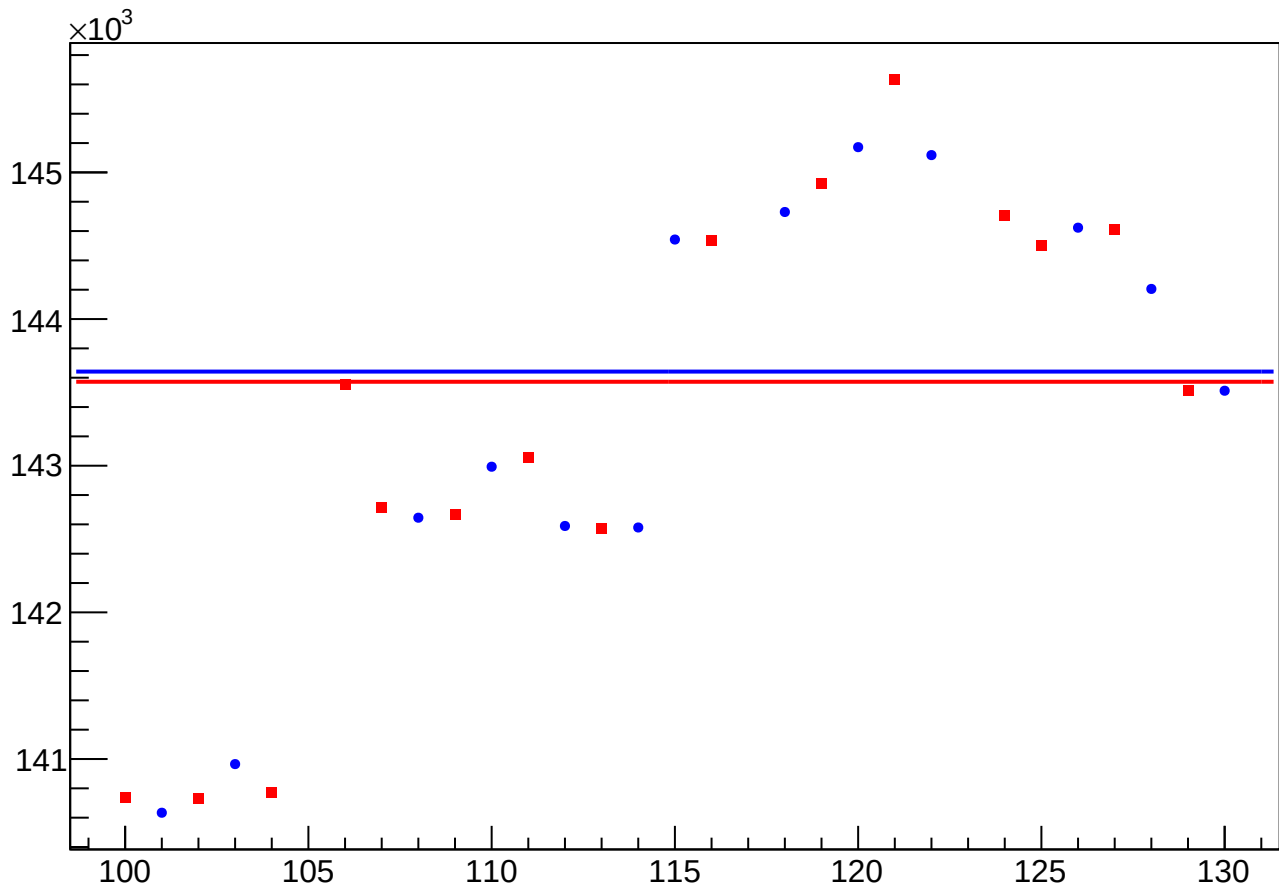
Right: 149.612+/-0.034 χ^2/NDF : 2263729.0/27

In: 151.761+/-0.049 χ^2/NDF : 1087468.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.612+/-0.034 χ^2/NDF : 2263729.0/27

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 143641.834+/-0.059 χ^2 /NDF: 364247759.6/12

Right: 143604.209+/-0.040 χ^2 /NDF: 767073039.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

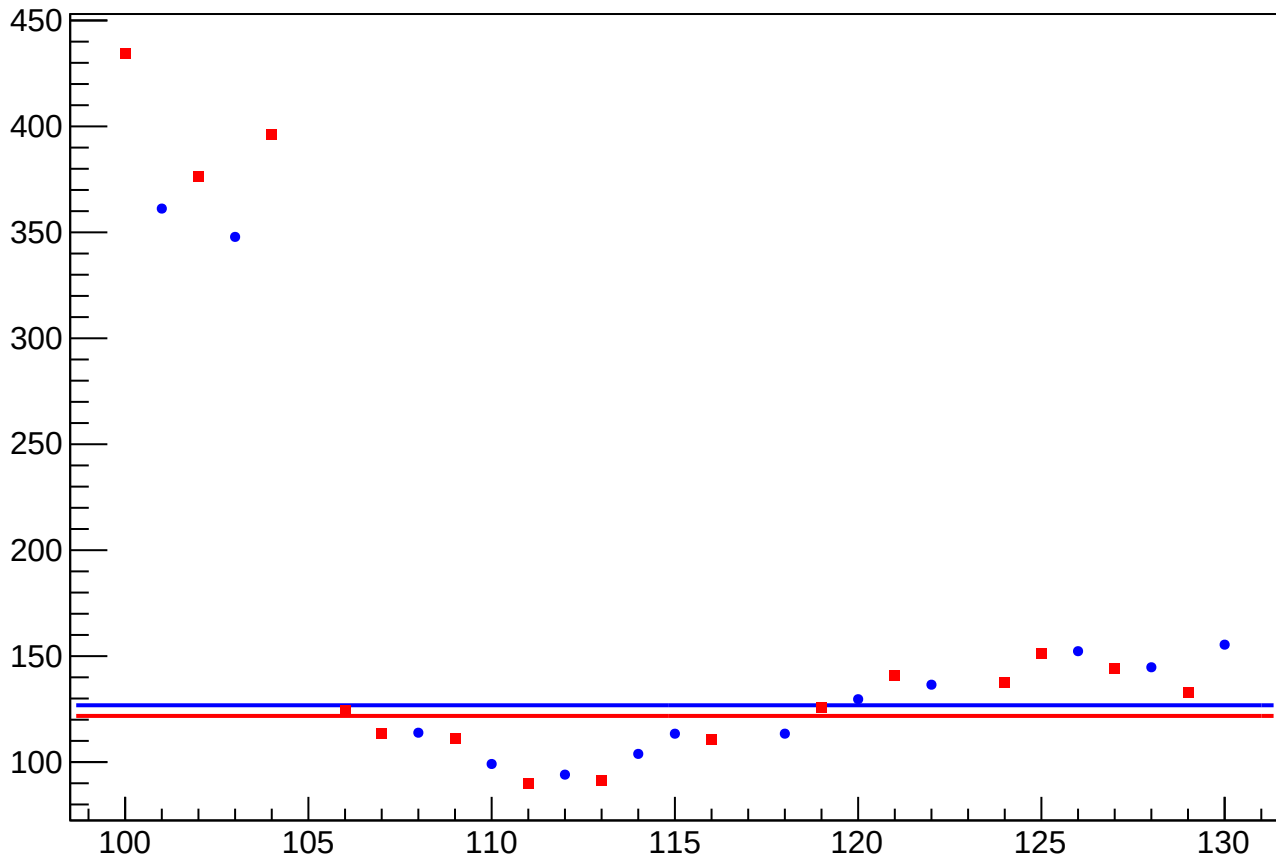
Right Out: 143572.386+/-0.054 χ^2 /NDF: 402078589.3/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 143604.209+/-0.040 χ^2 /NDF: 767073039.2/2

yield_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 126.812 $\pm$ 0.042 χ^2 /NDF: 1286383.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 121.786 $\pm$ 0.038 χ^2 /NDF: 1459243.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

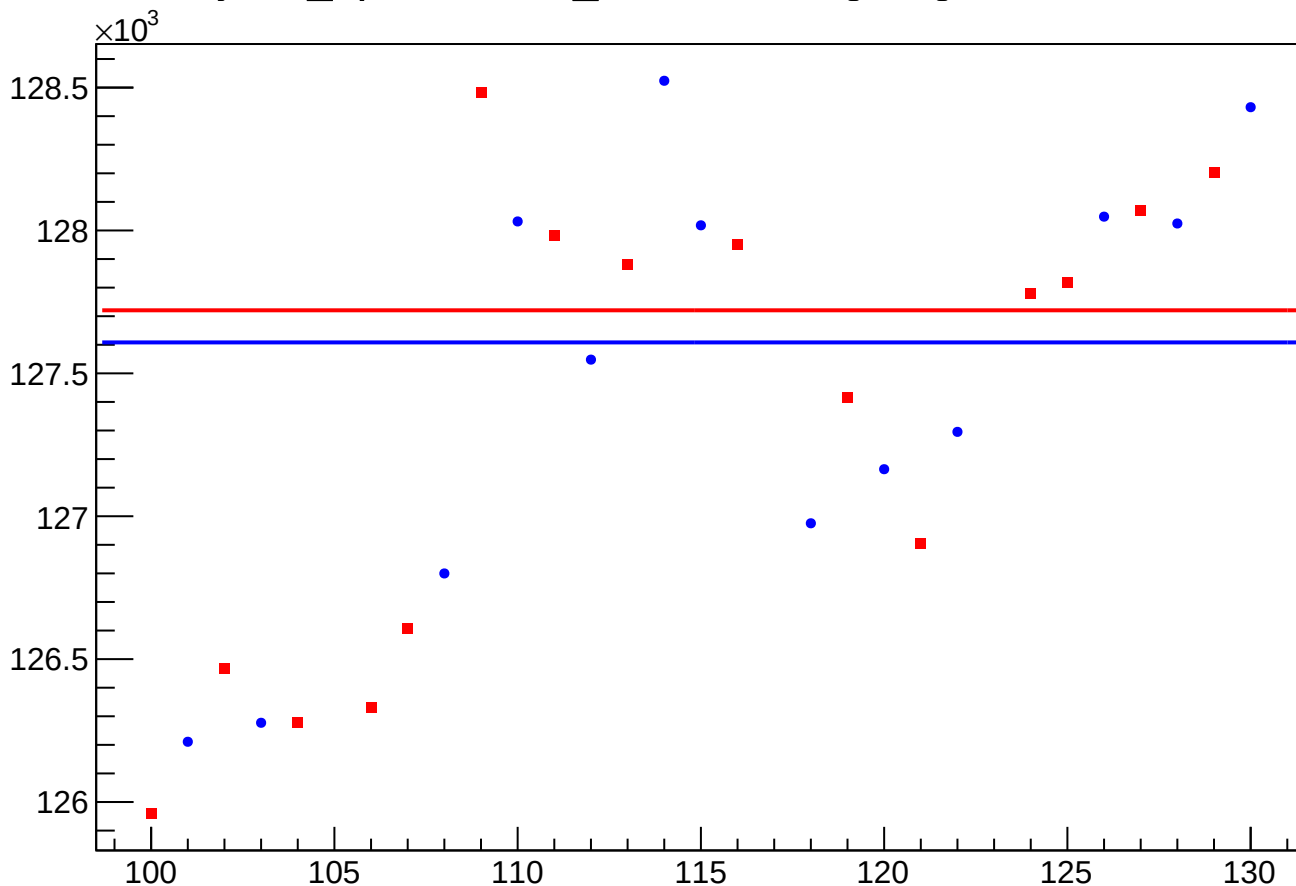
Right: 124.089 $\pm$ 0.028 χ^2 /NDF: 2753450.5/27

In: 126.812 $\pm$ 0.042 χ^2 /NDF:1286383.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 124.089 $\pm$ 0.028 χ^2 /NDF: 2753450.5/27

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127608.276 $\pm$ 0.067 χ^2 /NDF: 87525341.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 127720.633 $\pm$ 0.061 χ^2 /NDF: 96848127.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

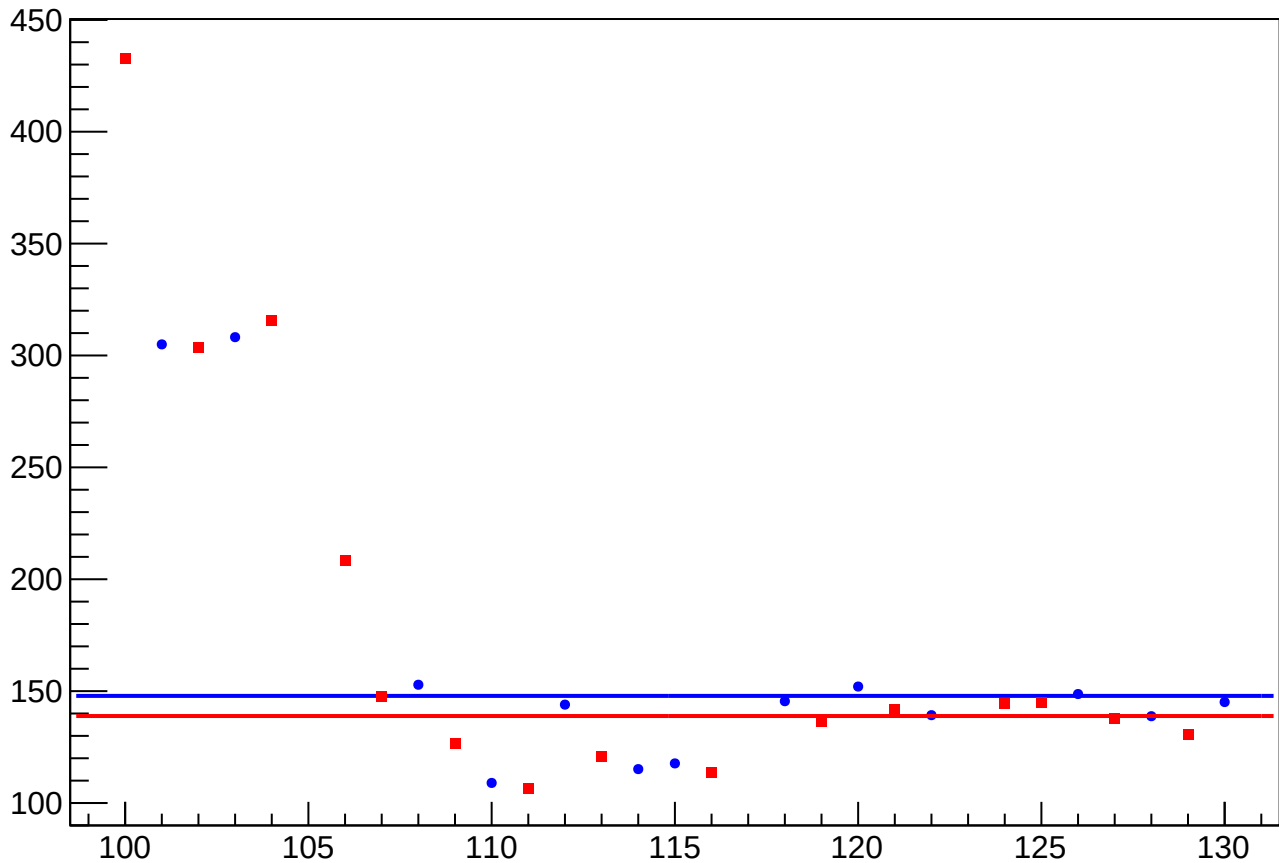
Right: 127670.025 $\pm$ 0.045 χ^2 /NDF: 185906240.4/2

In: 127608.276 $\pm$ 0.067 χ^2 /NDF:87525341.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 127670.025 $\pm$ 0.045 χ^2 /NDF: 185906240.4/2

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 147.872 $\pm$ 0.048 χ^2 /NDF: 808386.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 138.877 $\pm$ 0.043 χ^2 /NDF: 974106.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

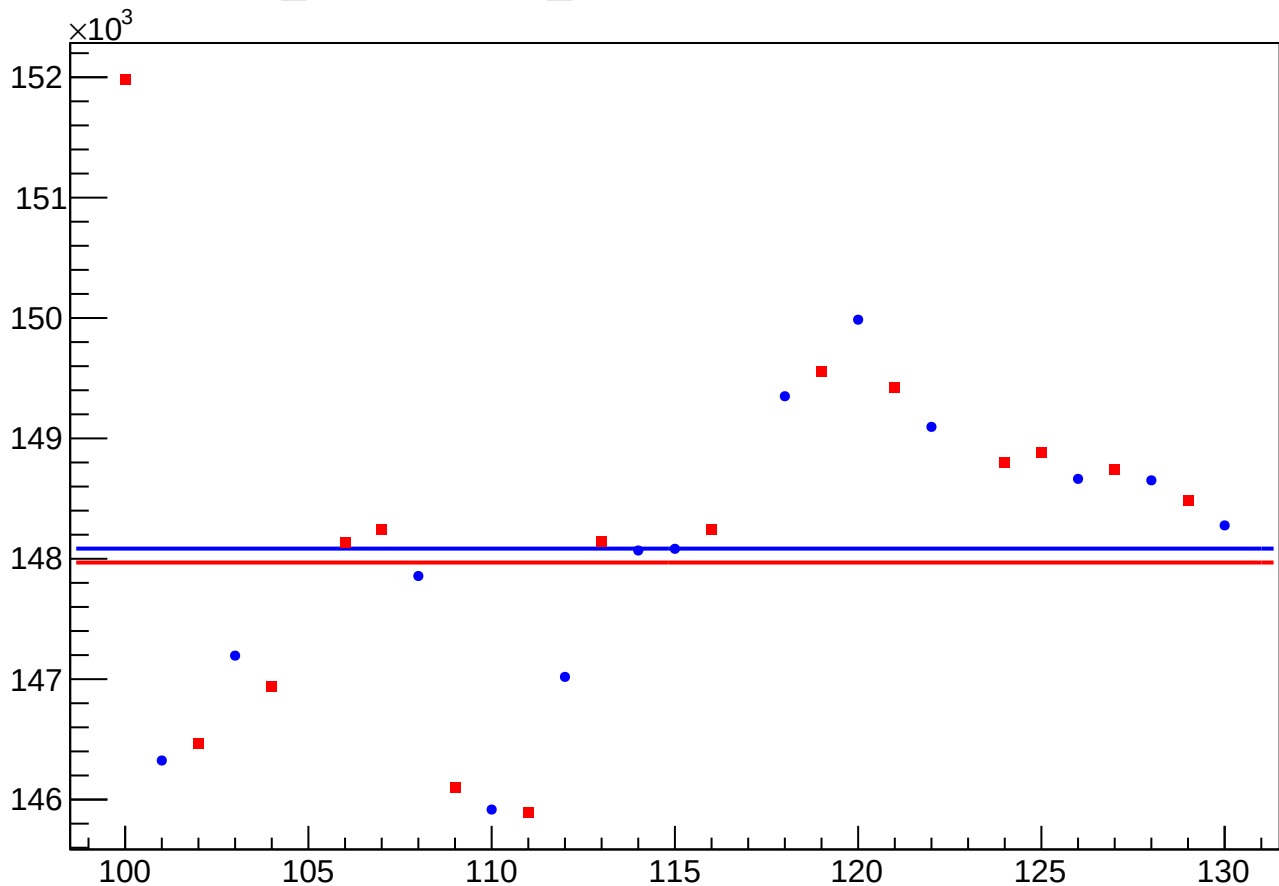
Right: 142.928 $\pm$ 0.032 χ^2 /NDF: 1802139.2/27

In: 147.872 $\pm$ 0.048 χ^2 /NDF:808386.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 142.928 $\pm$ 0.032 χ^2 /NDF: 1802139.2/27

yield_bpm0l02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right In: 148084.554+/-0.098 χ^2/NDF : 109901850.7/12

Right: 148020.131+/-0.065 χ^2/NDF : 321414919.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147968.933+/-0.087 χ^2/NDF : 210729723.9/14

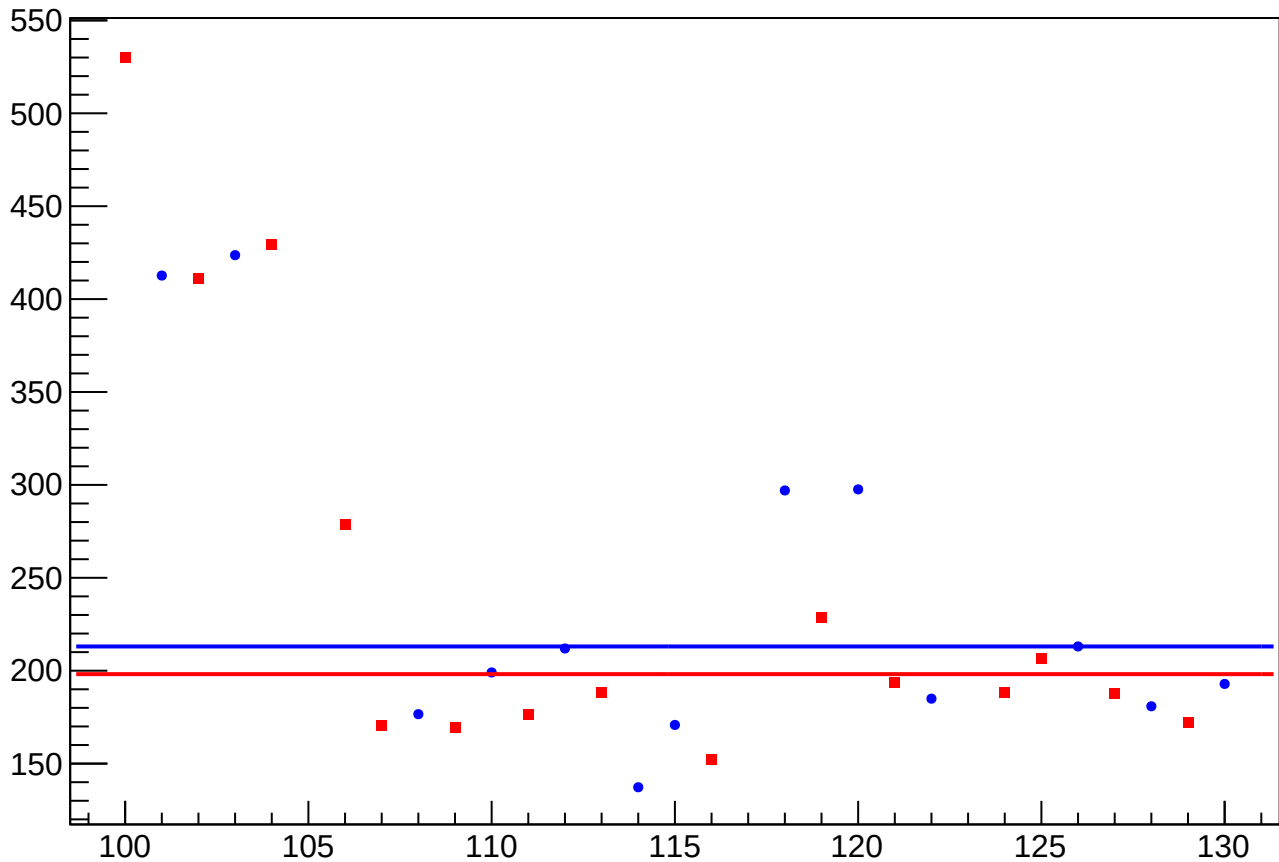
In: 148084.554+/-0.098 χ^2/NDF : 109901850.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148020.131+/-0.065 χ^2/NDF : 321414919.8/2

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 213.053+/-0.069 χ^2/NDF : 917129.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 198.153+/-0.061 χ^2/NDF : 891266.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

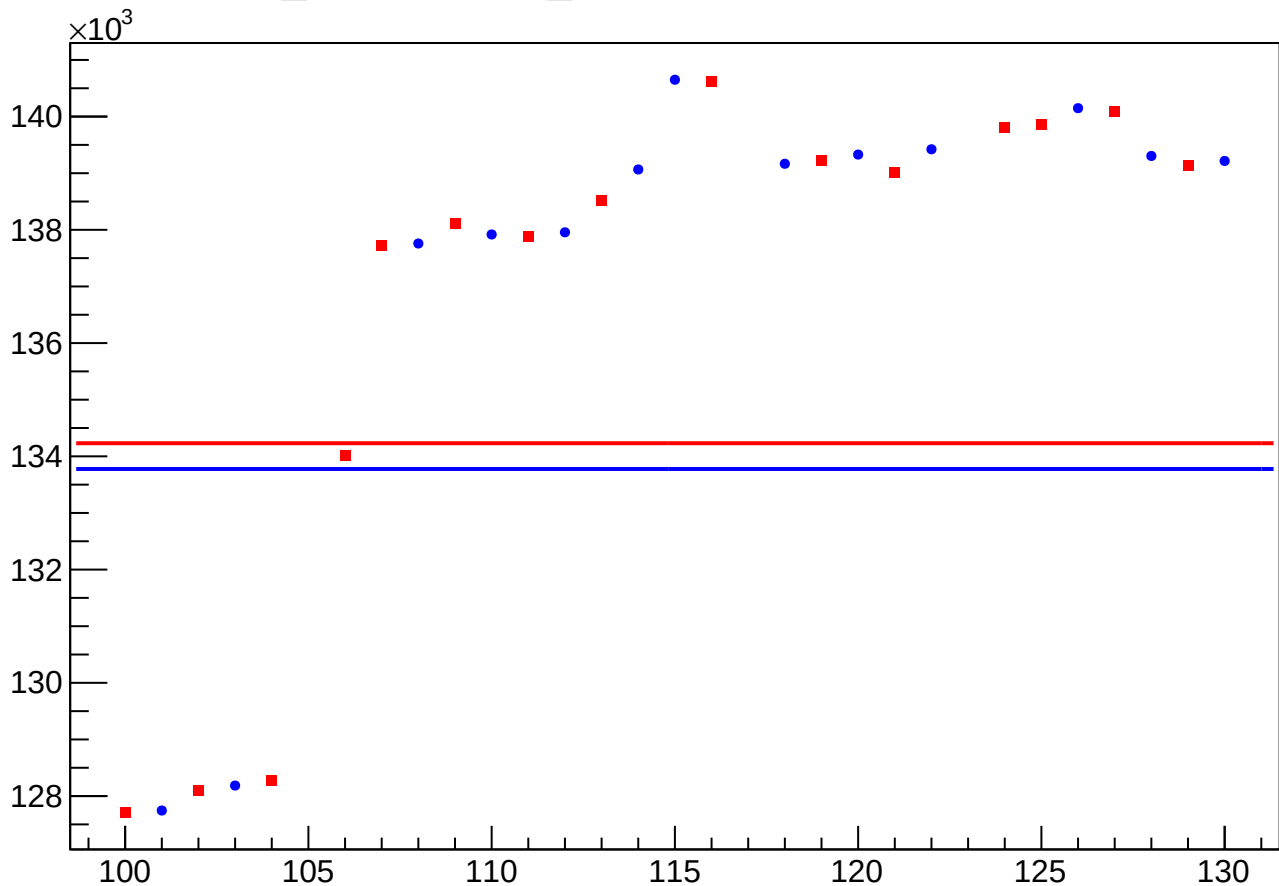
Right: 204.751+/-0.046 χ^2/NDF : 1834412.6/27

In: 213.053+/-0.069 χ^2/NDF : 917129.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 204.751+/-0.046 χ^2/NDF : 1834412.6/27

yield_bpm0l03WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 134005.620+/-0.137 χ^2 /NDF: 1596111351.4/14

In: 133776.470+/-0.194 χ^2 /NDF: 815233713.0/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 134005.620+/-0.137 χ^2 /NDF: 1596111351.4/14

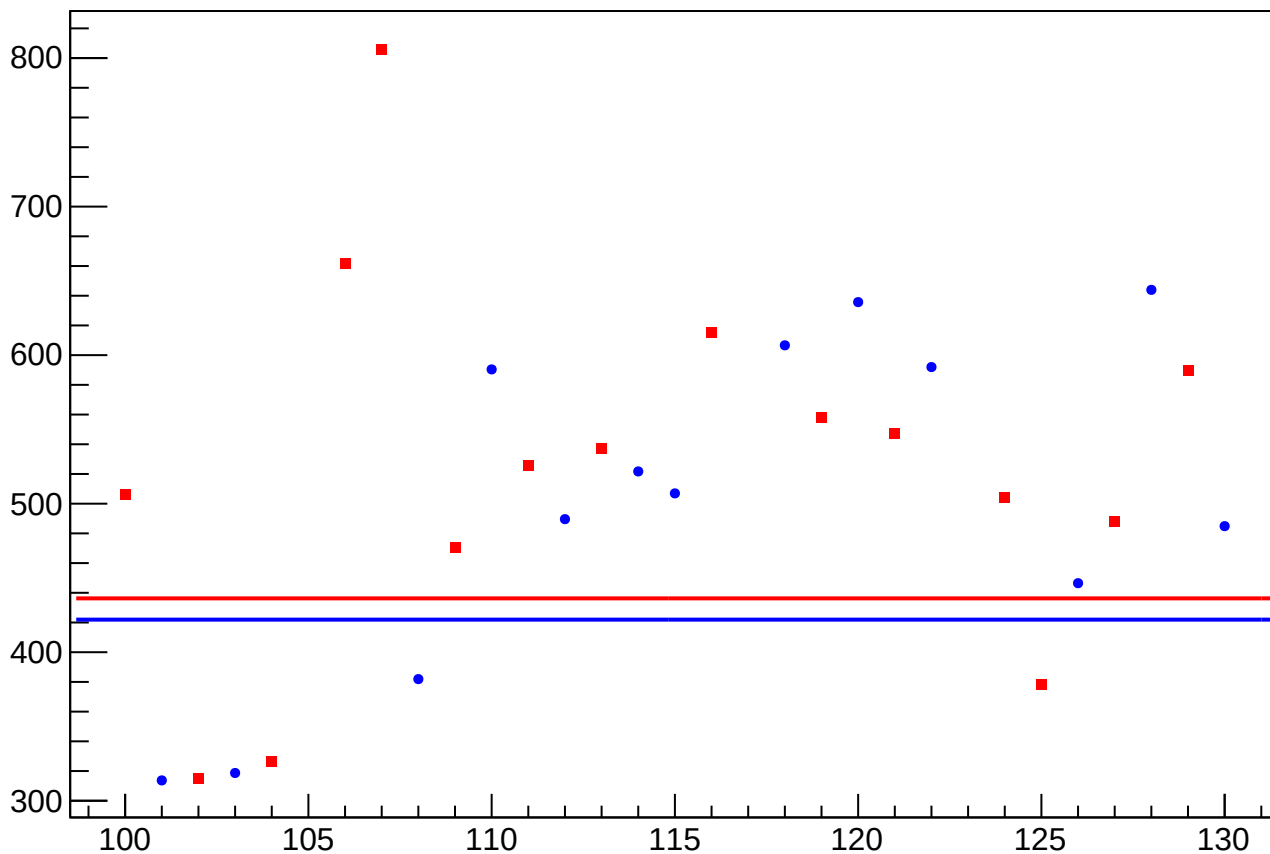
Right In: 133776.470+/-0.194 χ^2 /NDF: 815233713.0/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 134231.598+/-0.193 χ^2 /NDF: 778102226.1/14

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 421.938+/-0.137 χ^2/NDF : 730426.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 436.245+/-0.136 χ^2/NDF : 738615.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

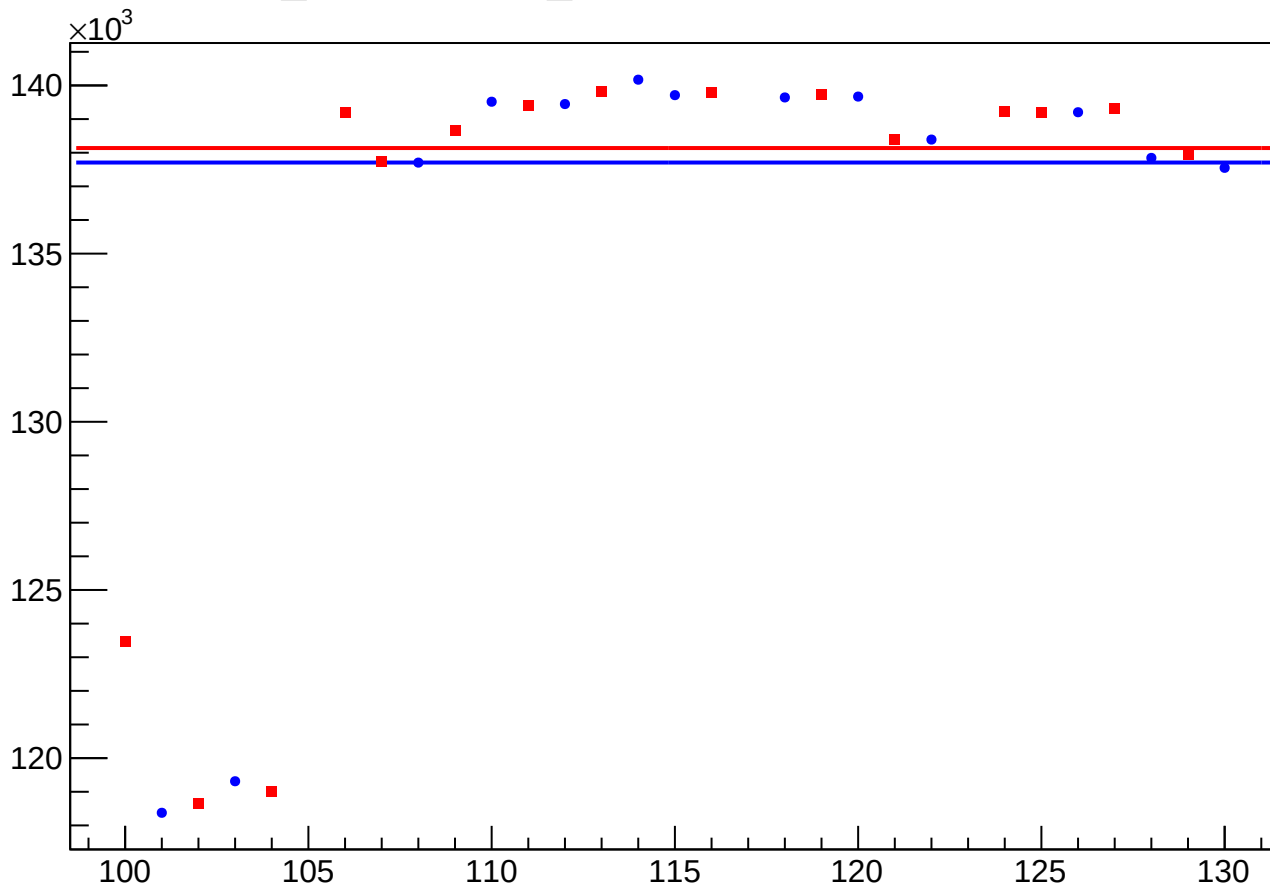
Right: 429.142+/-0.097 χ^2/NDF : 1474527.2/27

In: 421.938+/-0.137 χ^2/NDF : 730426.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 429.142+/-0.097 χ^2/NDF : 1474527.2/27

yield_bpm0l04WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 137708.202+/-0.077 χ^2 /NDF: 4422778949.9/12

Right: 137941.154+/-0.052 χ^2 /NDF: 8653801475.4/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

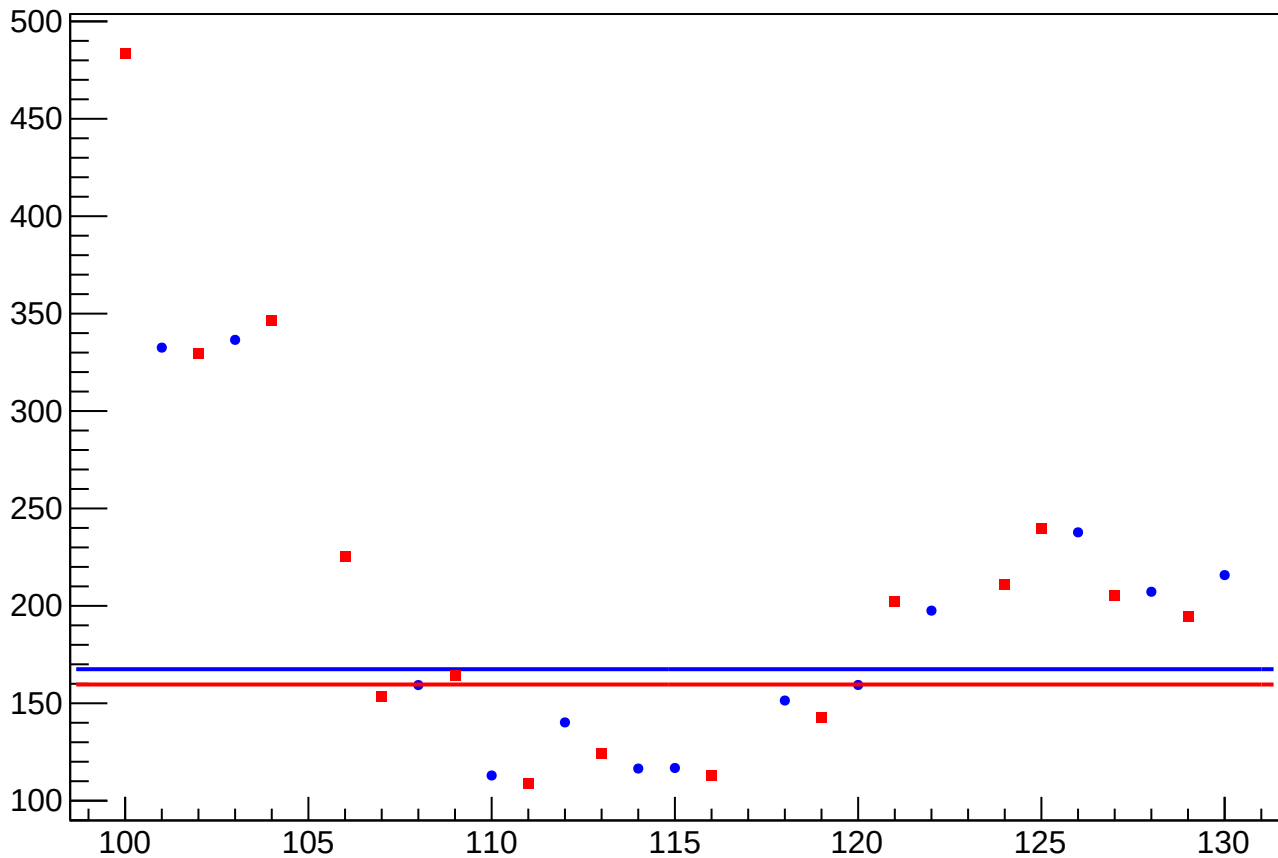
Right Out: 138138.938+/-0.071 χ^2 /NDF: 4214296534.1/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 137941.154+/-0.052 χ^2 /NDF: 8653801475.4/14

yield_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 167.492 $\pm$ 0.055 χ^2 /NDF: 1095158.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 159.640 $\pm$ 0.050 χ^2 /NDF: 1314228.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

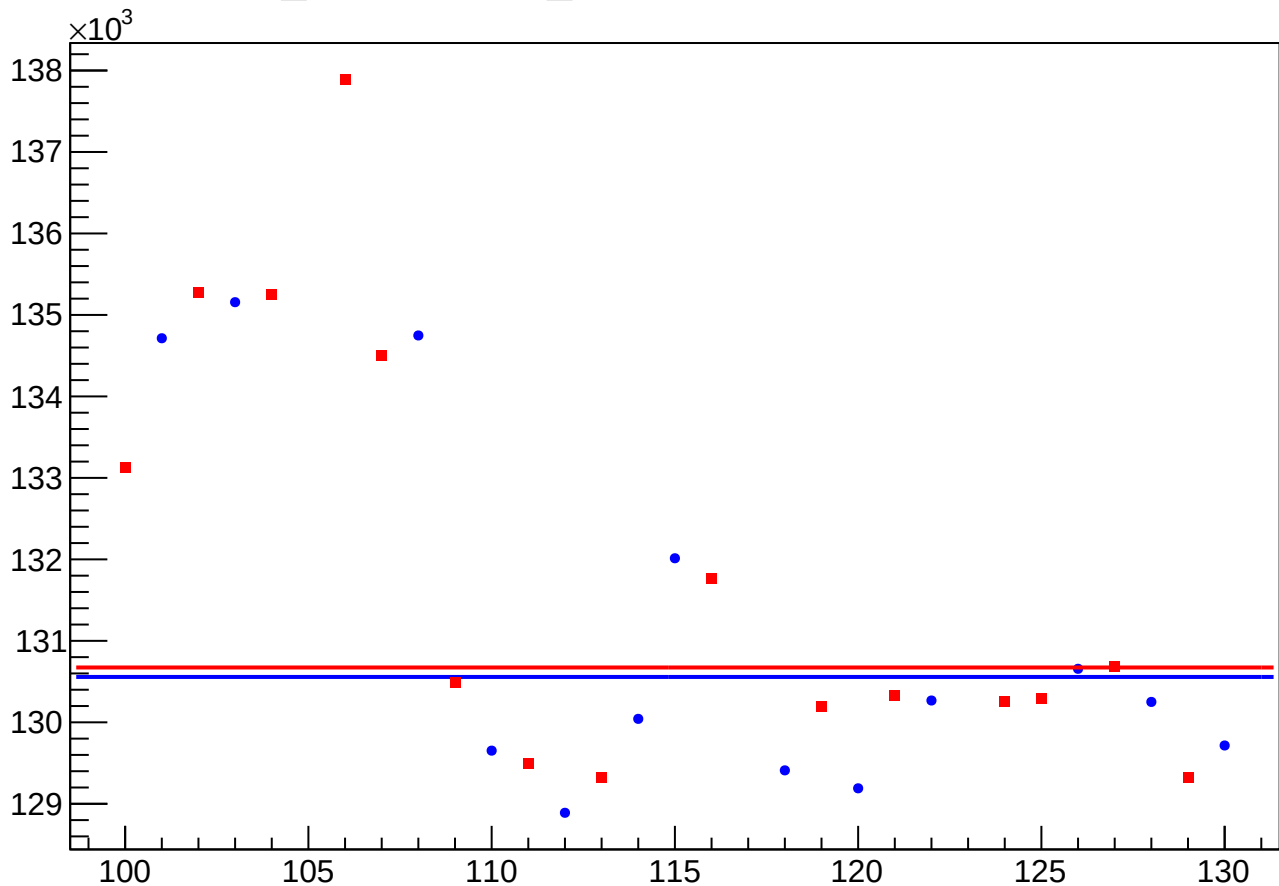
Right: 163.246 $\pm$ 0.037 χ^2 /NDF: 2420505.4/27

In: 167.492 $\pm$ 0.055 χ^2 /NDF:1095158.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 163.246 $\pm$ 0.037 χ^2 /NDF: 2420505.4/27

yield_bpm0l05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 130556.930+/-0.078 χ^2 /NDF: 547899641.7/12

Right: 130621.943+/-0.052 χ^2 /NDF: 1236837426.3/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

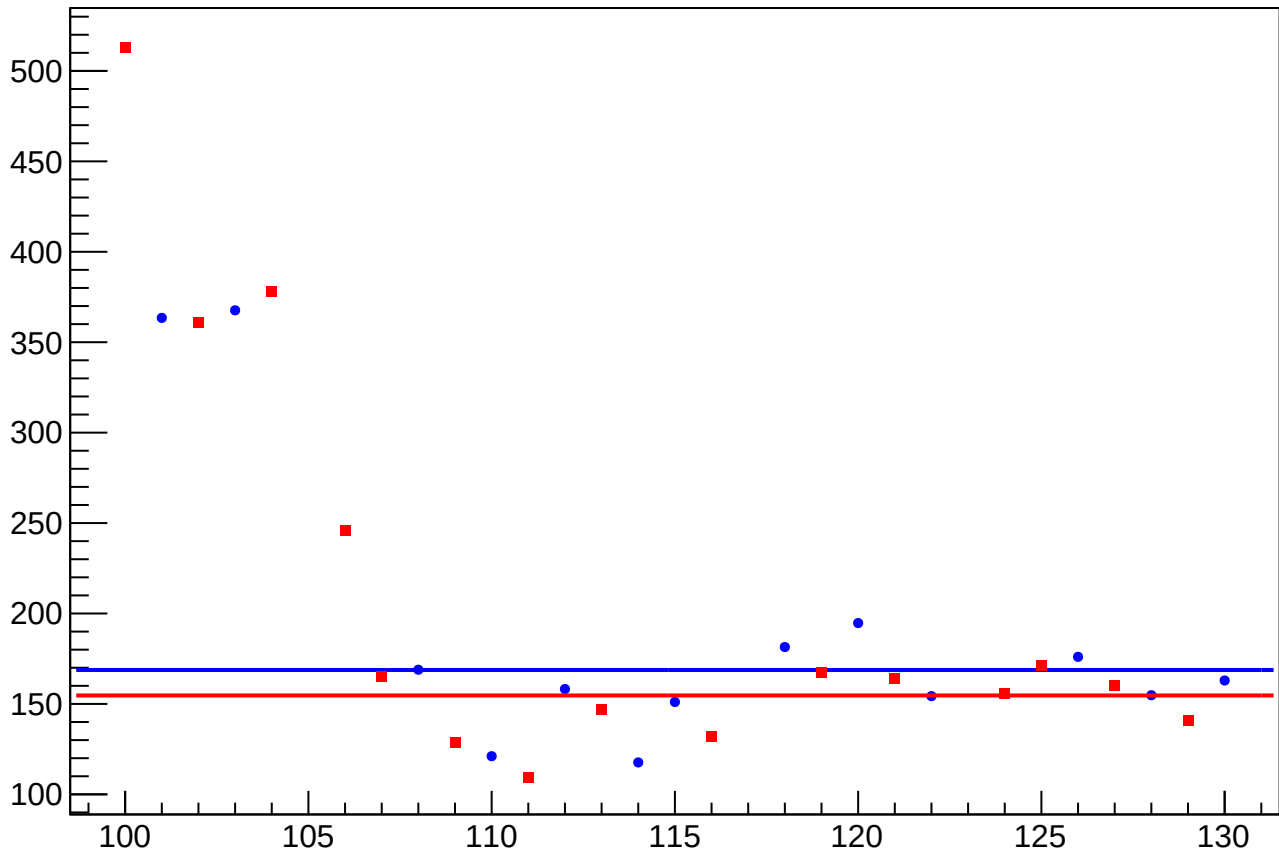
Right Out: 130673.064+/-0.069 χ^2 /NDF: 687698053.5/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 130621.943+/-0.052 χ^2 /NDF: 1236837426.3/12

yield_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 168.771+/-0.055 χ^2/NDF : 914508.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.679+/-0.049 χ^2/NDF : 1158075.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

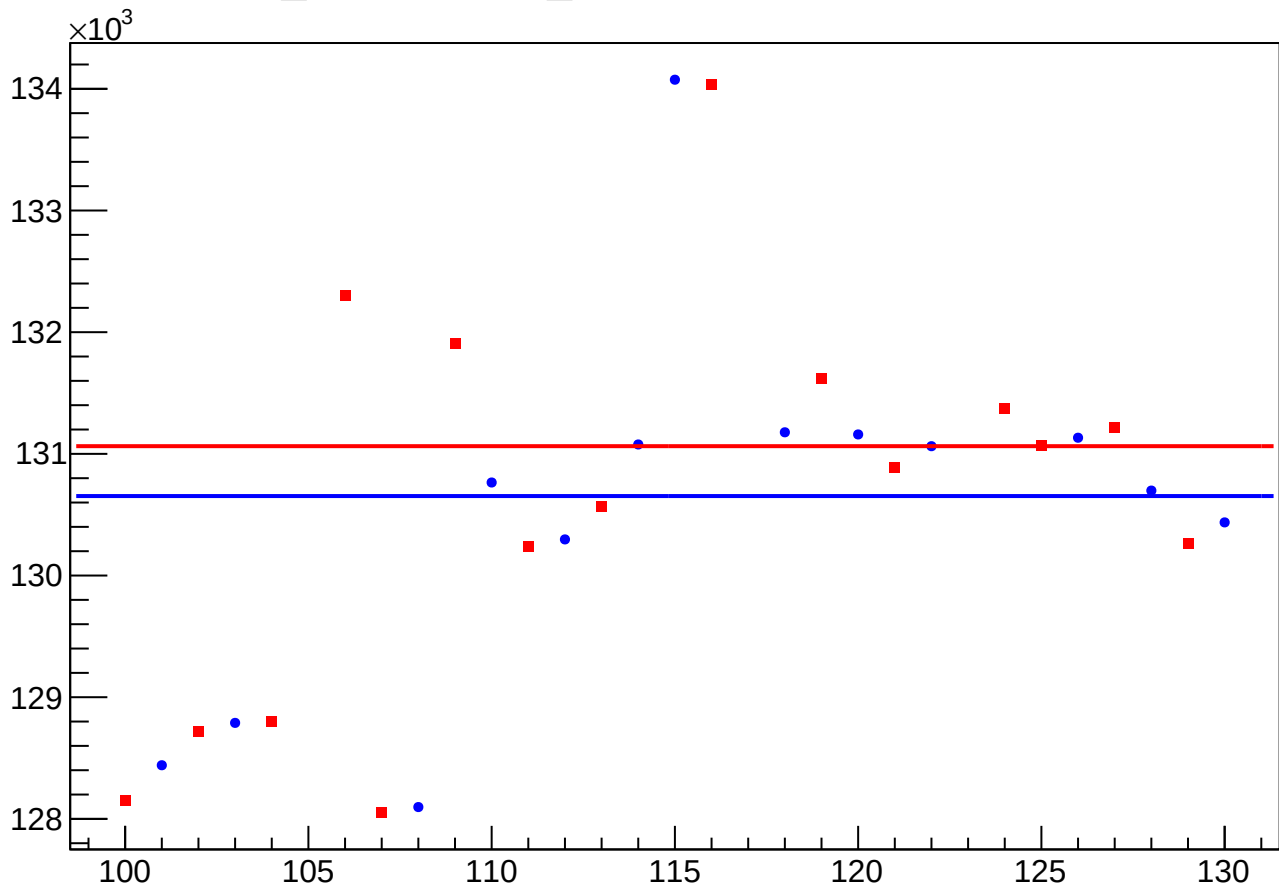
Right: 160.882+/-0.037 χ^2/NDF : 2109091.0/27

In: 168.771+/-0.055 χ^2/NDF : 914508.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.882+/-0.037 χ^2/NDF : 2109091.0/27

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 130653.204+/-0.068 χ^2 /NDF: 307899962.7/12

Right: 130877.846+/-0.046 χ^2 /NDF: 775536950.5/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 131063.230+/-0.062 χ^2 /NDF: 447929471.7/14

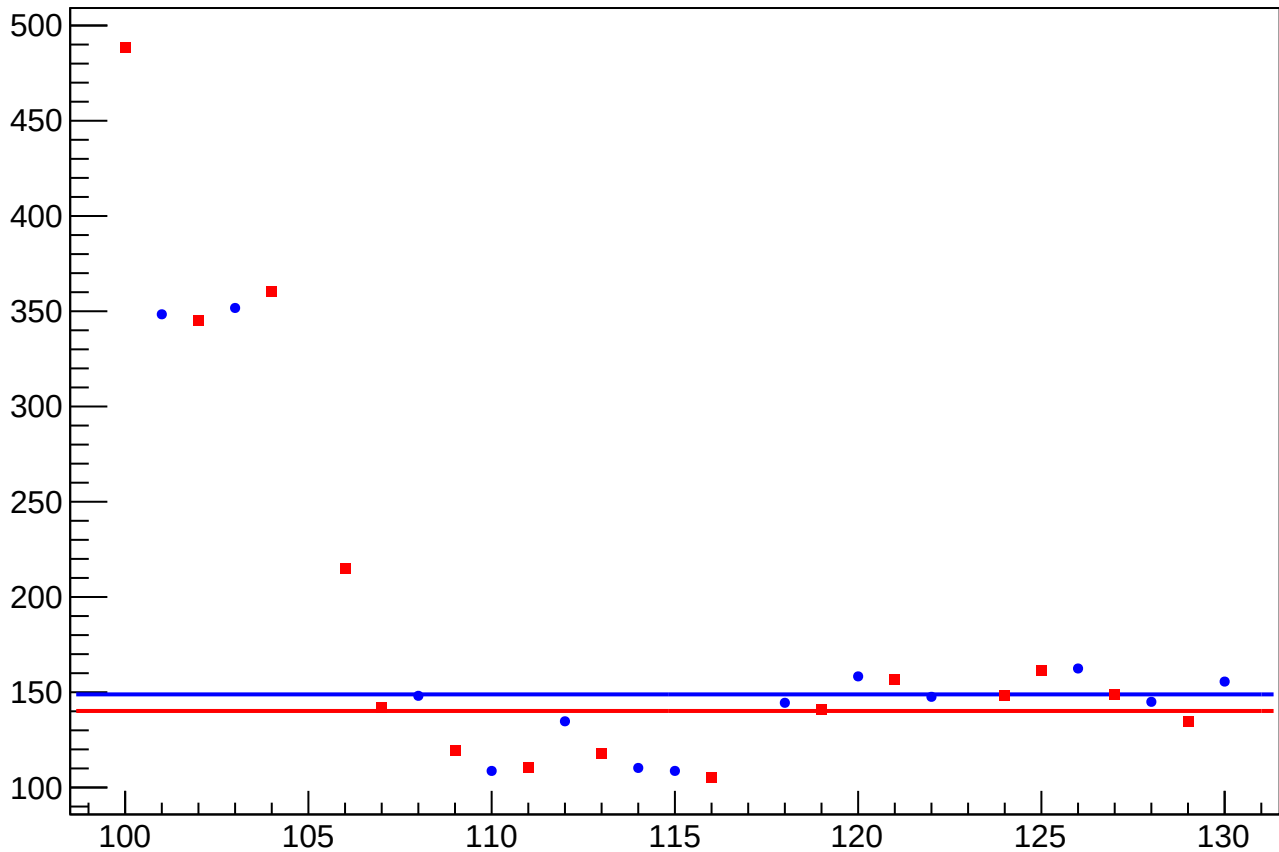
In: 130653.204+/-0.068 χ^2 /NDF: 307899962.7/12

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 130877.846+/-0.046 χ^2 /NDF: 775536950.5/2

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 148.877+/-0.048 χ^2/NDF : 1010702.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 140.169+/-0.044 χ^2/NDF : 1187967.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

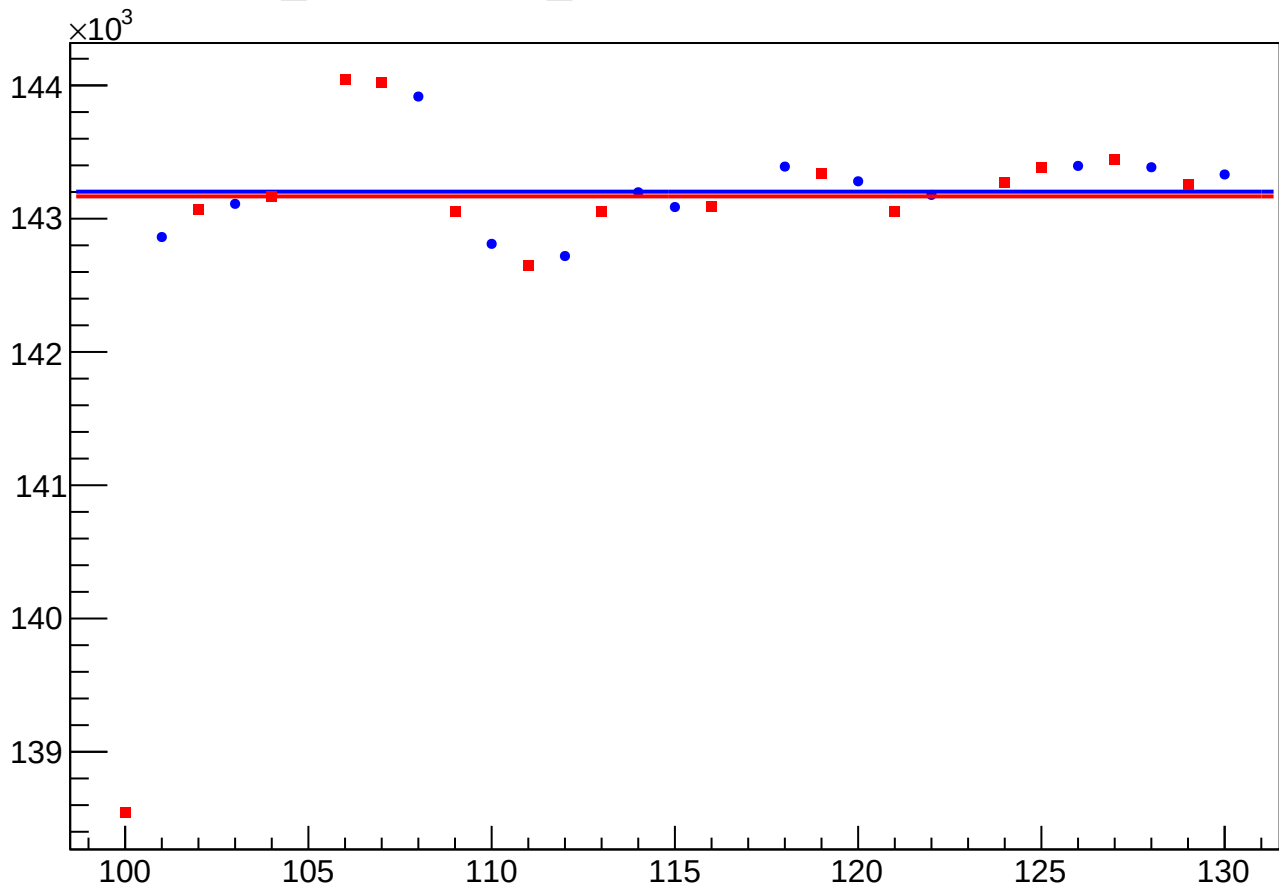
Right: 144.106+/-0.033 χ^2/NDF : 2216446.6/27

In: 148.877+/-0.048 χ^2/NDF : 1010702.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

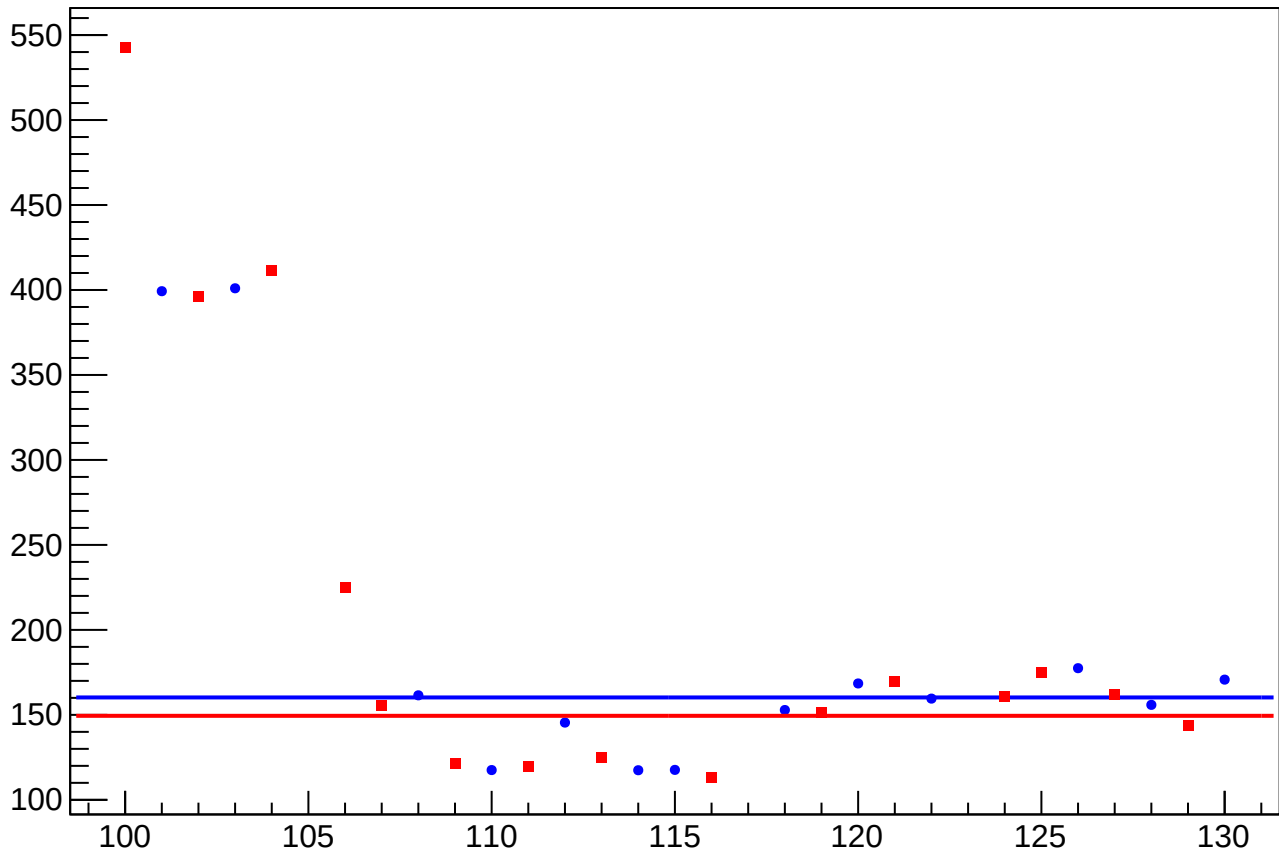
All: 144.106+/-0.033 χ^2/NDF : 2216446.6/27

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: 143202.713 $\pm$ 0.074 χ^2 /NDF: 19251170.7/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 143167.111 $\pm$ 0.066 χ^2 /NDF: 28823254.4/14
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 143183.065 $\pm$ 0.049 χ^2 /NDF: 48203088.5/27
 In: 143202.713 $\pm$ 0.074 χ^2 /NDF:19251170.7/12
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 143183.065 $\pm$ 0.049 χ^2 /NDF: 48203088.5/27

yield_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 160.250+/-0.052 χ^2/NDF : 1088085.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.440+/-0.047 χ^2/NDF : 1287739.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

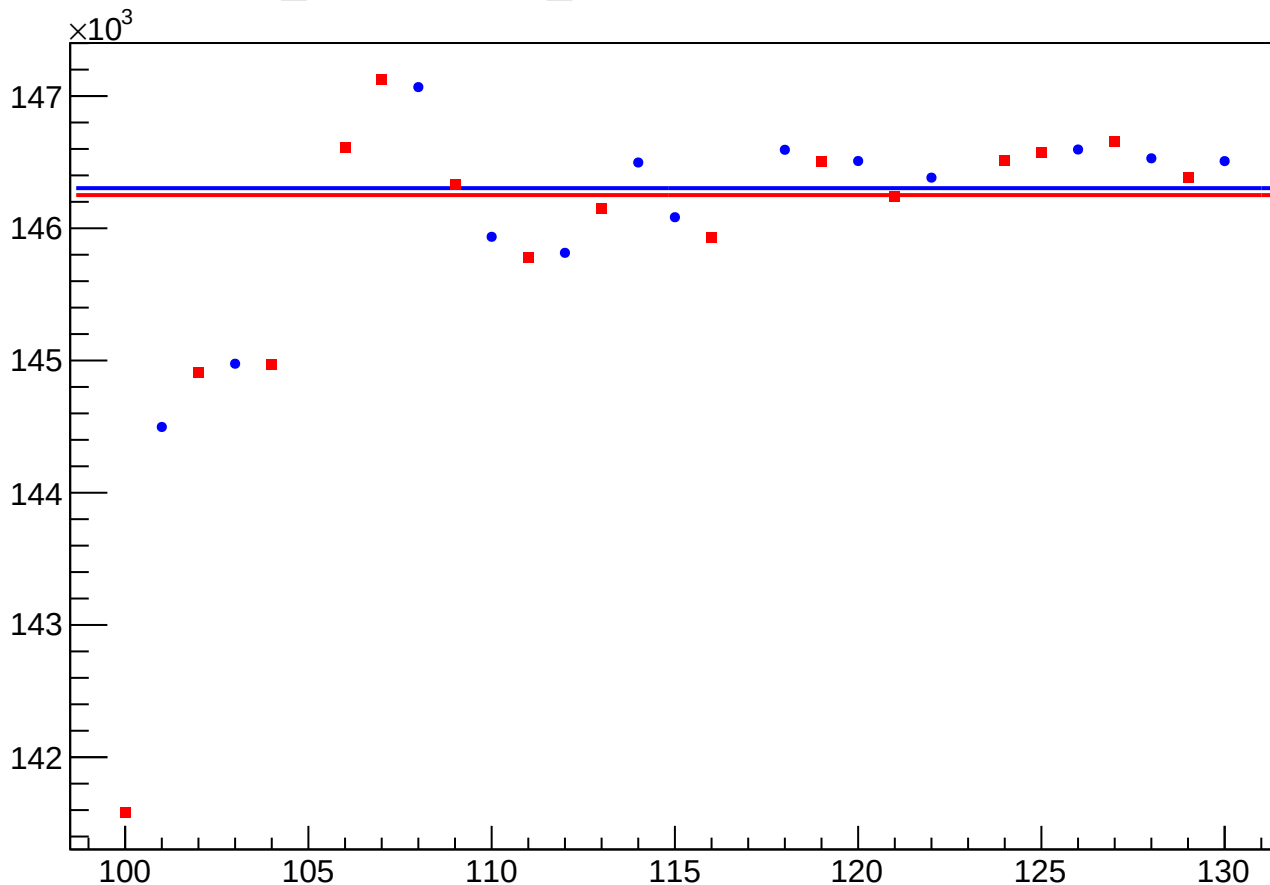
Right: 154.284+/-0.035 χ^2/NDF : 2399547.2/27

In: 160.250+/-0.052 χ^2/NDF : 1088085.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.284+/-0.035 χ^2/NDF : 2399547.2/27

yield_bpm0l08WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 146303.487+/-0.076 χ^2 /NDF: 42416799.9/12

Right: 146274.526+/-0.051 χ^2 /NDF: 83475691.8/27

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

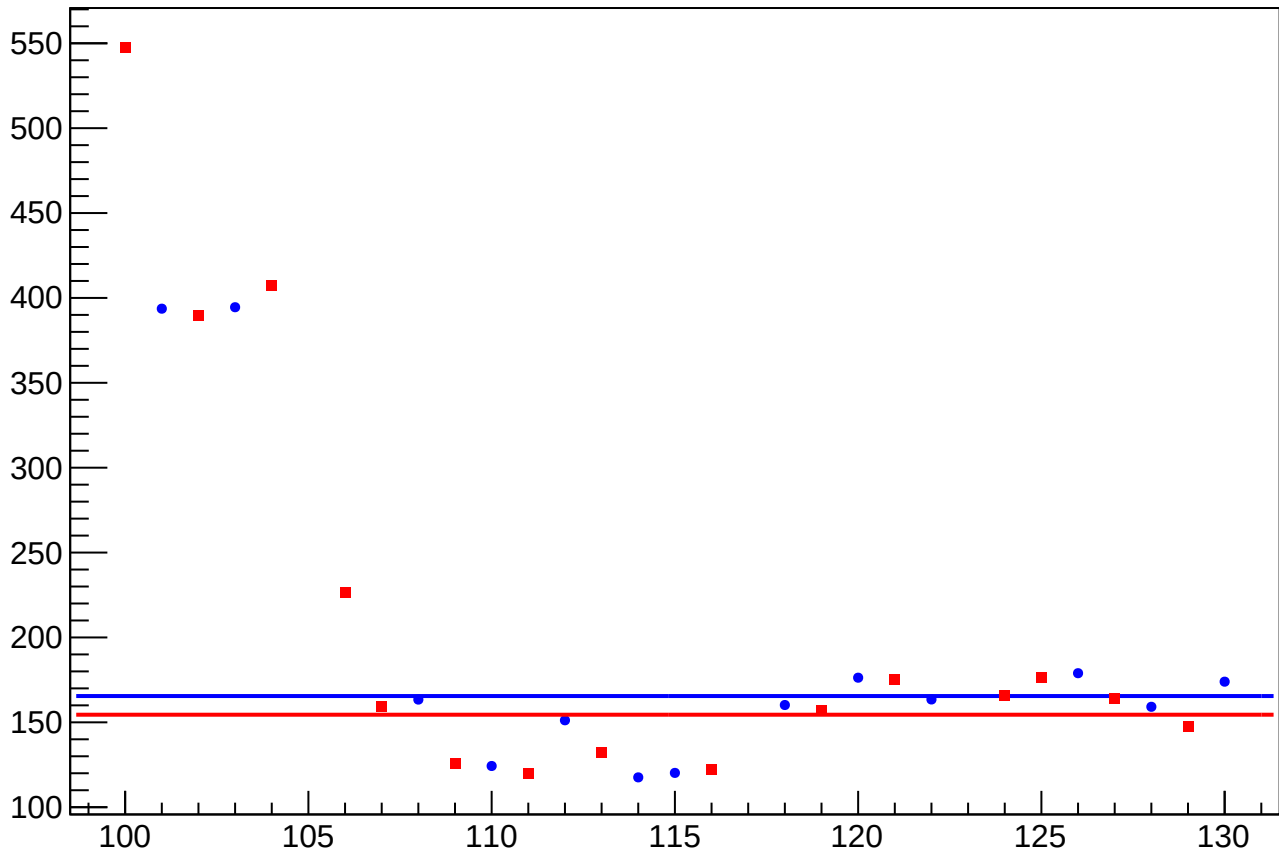
Right Out: 146251.012+/-0.068 χ^2 /NDF: 40795176.6/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 146274.526+/-0.051 χ^2 /NDF: 83475691.8

yield_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 165.482 $\pm$ 0.054 χ^2 /NDF: 1019040.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 154.484 $\pm$ 0.048 χ^2 /NDF: 1216924.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

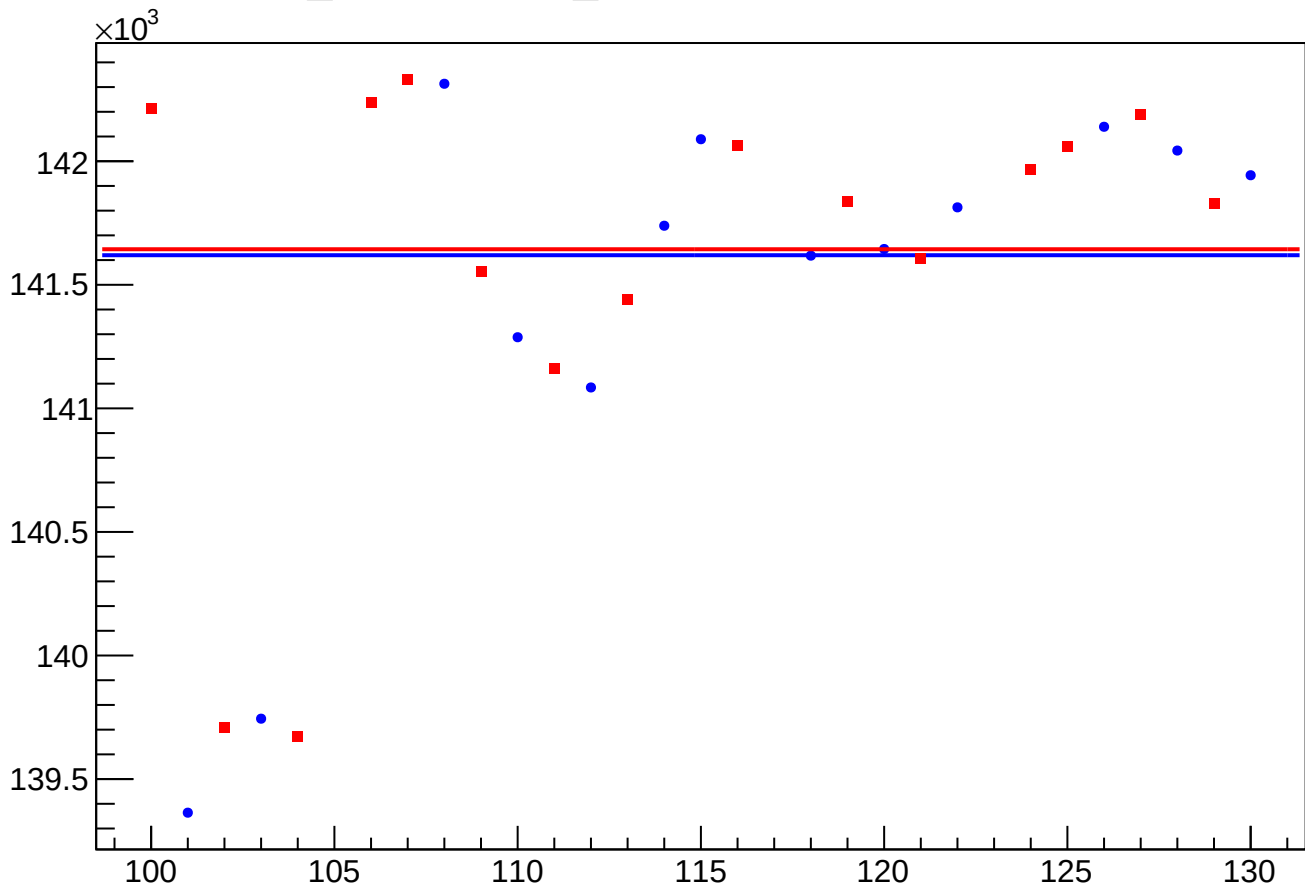
Right: 159.412 $\pm$ 0.036 χ^2 /NDF: 2259130.3/27

In: 165.482 $\pm$ 0.054 χ^2 /NDF:1019040.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 159.412 $\pm$ 0.036 χ^2 /NDF: 2259130.3/27

yield_bpm0l09WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 141619.703+/-0.077 χ^2 /NDF: 60030194.0/12

Right: 141632.947+/-0.052 χ^2 /NDF: 113269409.1/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

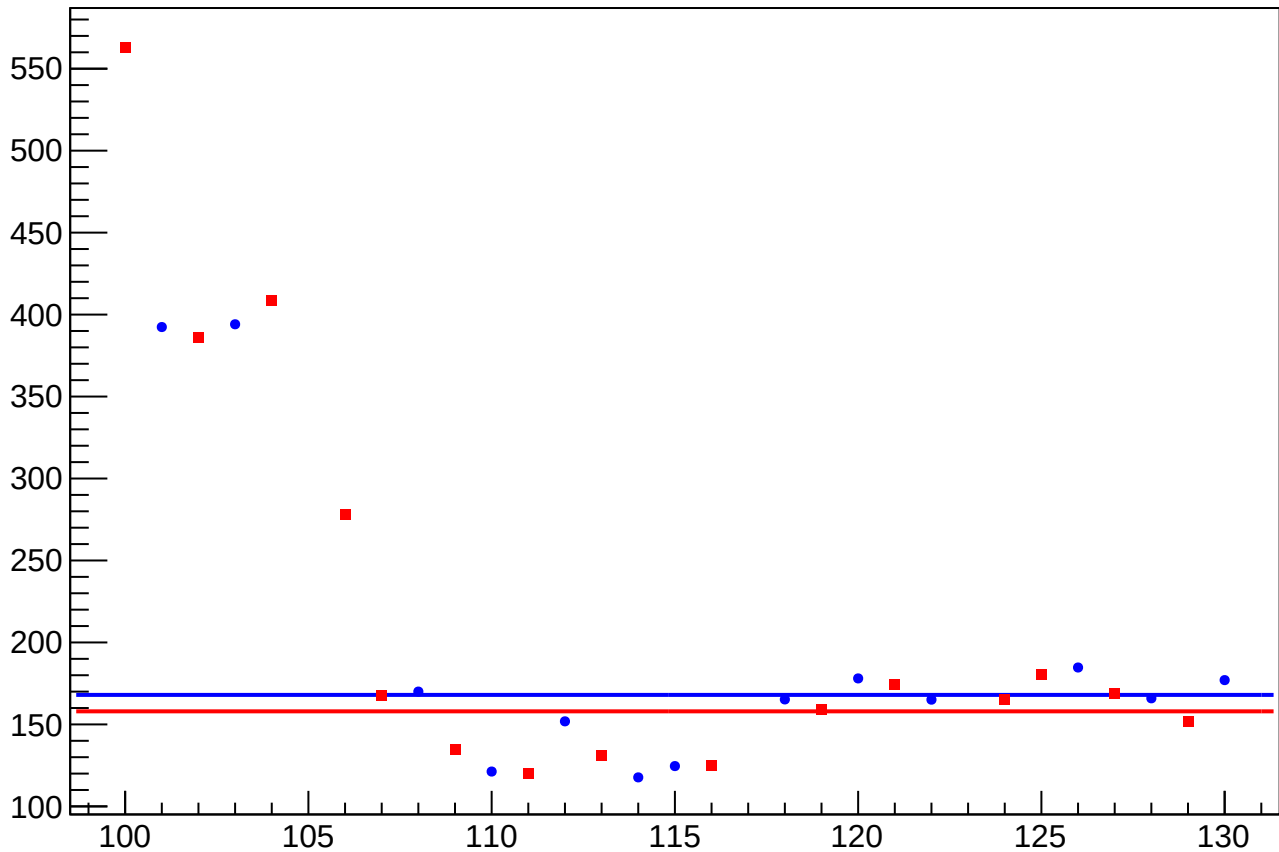
Right Out: 141643.858+/-0.070 χ^2 /NDF: 53185486.6/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 141632.947+/-0.052 χ^2 /NDF: 113269409.1/2

yield_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 168.003+/-0.055 χ^2/NDF : 1024016.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.973+/-0.050 χ^2/NDF : 1236865.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

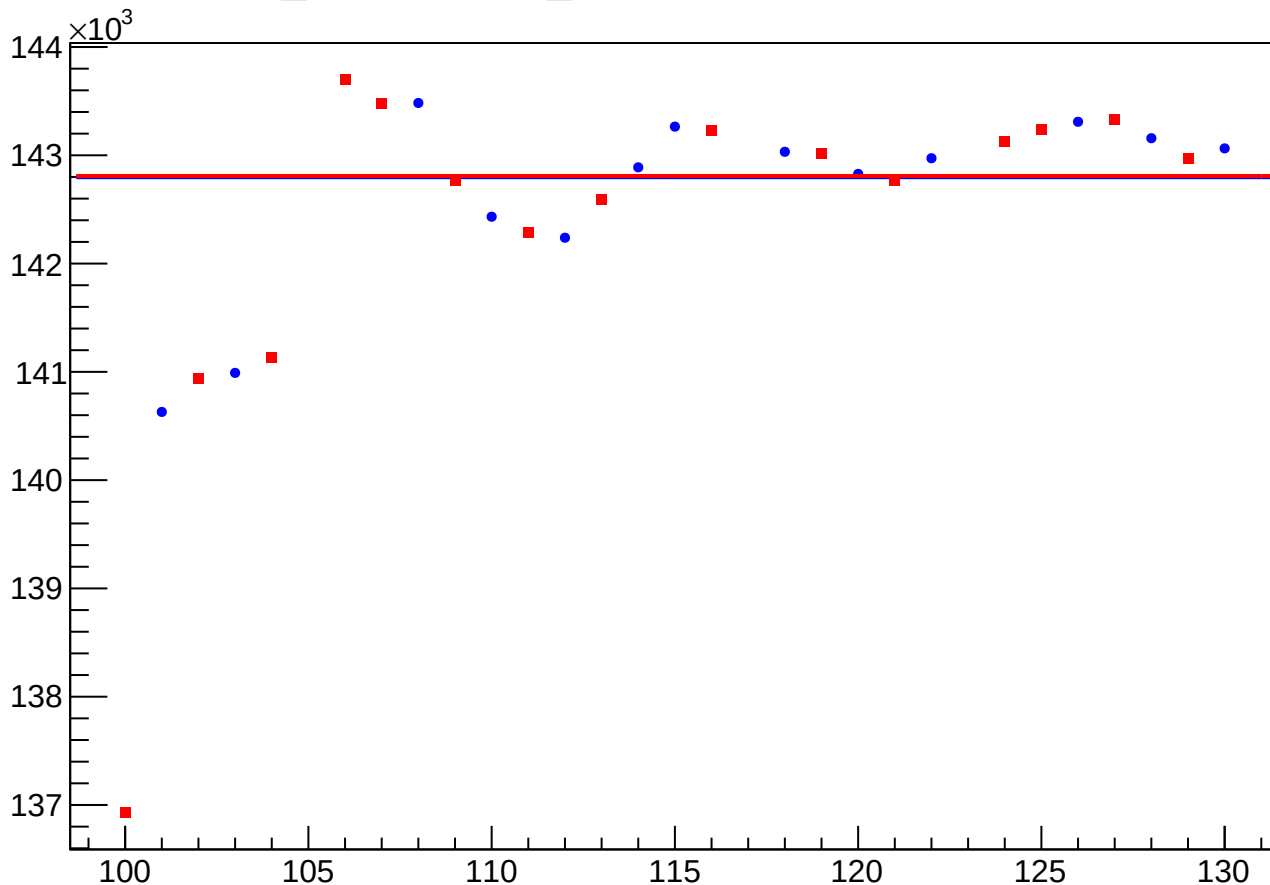
Right: 162.504+/-0.037 χ^2/NDF : 2279407.8/27

In: 168.003+/-0.055 χ^2/NDF : 1024016.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.504+/-0.037 χ^2/NDF : 2279407.8/27

yield_bpm0l10WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 142797.694+/-0.078 χ^2 /NDF: 57033915.9/12

Right: 142803.968+/-0.052 χ^2 /NDF: 117251822.7/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 142808.991+/-0.070 χ^2 /NDF: 60206376.5/14

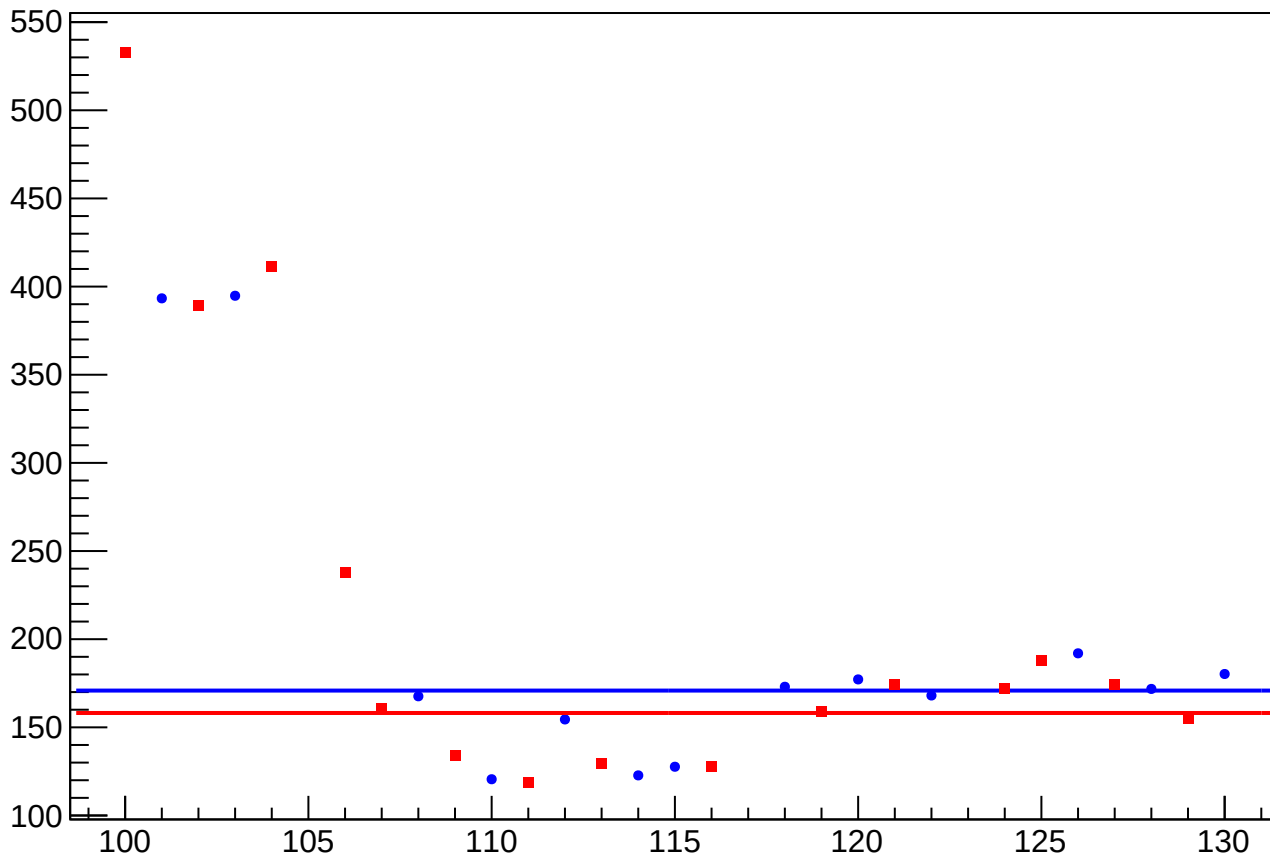
In: 142797.694+/-0.078 χ^2 /NDF: 57033915.9/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 142803.968+/-0.052 χ^2 /NDF: 117251822.7/2

yield_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 170.855+/-0.055 χ^2/NDF : 1018061.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.143+/-0.050 χ^2/NDF : 1211107.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

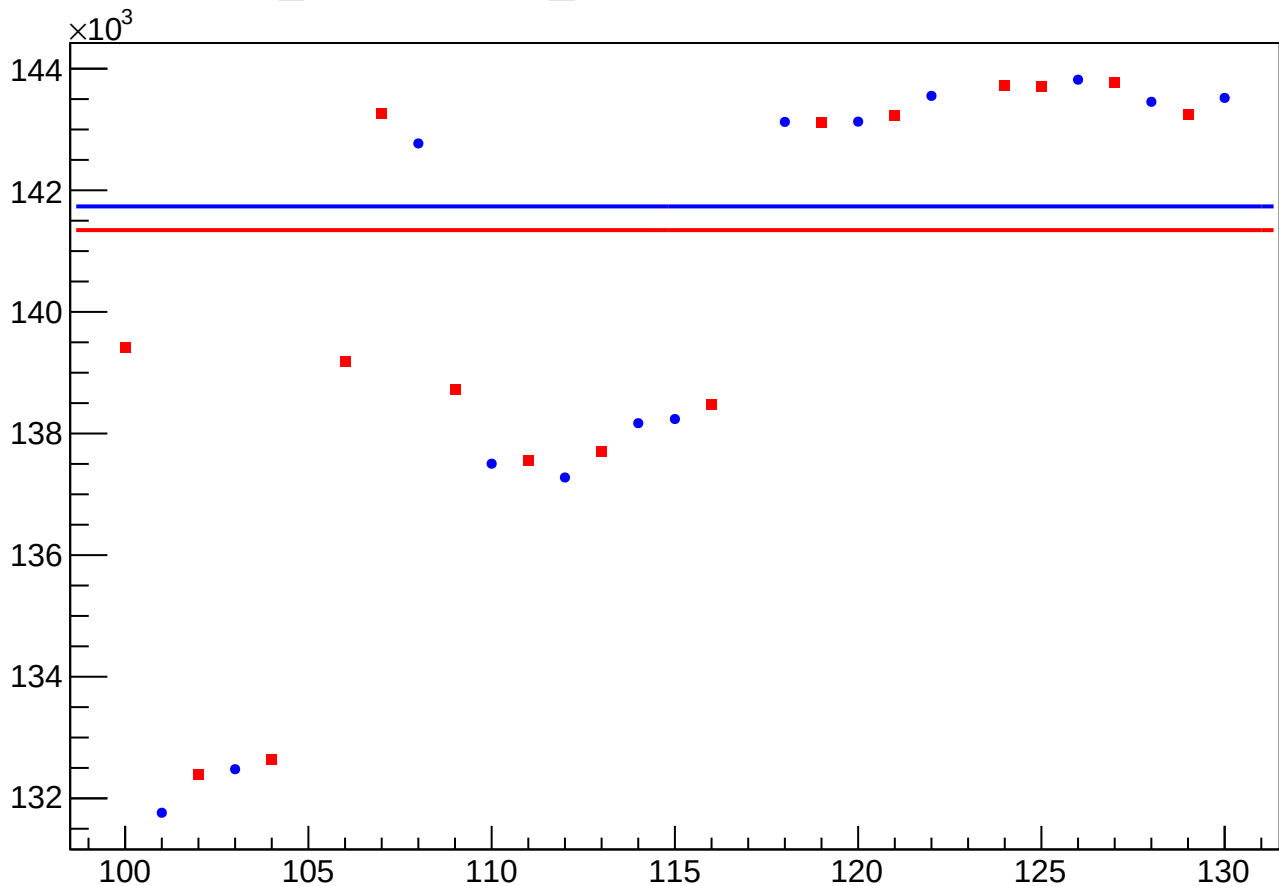
Right: 163.796+/-0.037 χ^2/NDF : 2258368.6/27

In: 170.855+/-0.055 χ^2/NDF : 1018061.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.796+/-0.037 χ^2/NDF : 2258368.6/27

yield_bpm0r03WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 141734.987+/-0.113 χ^2 /NDF: 866152906.1/12

Right: 141538.986+/-0.080 χ^2 /NDF: 1692411074.4/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

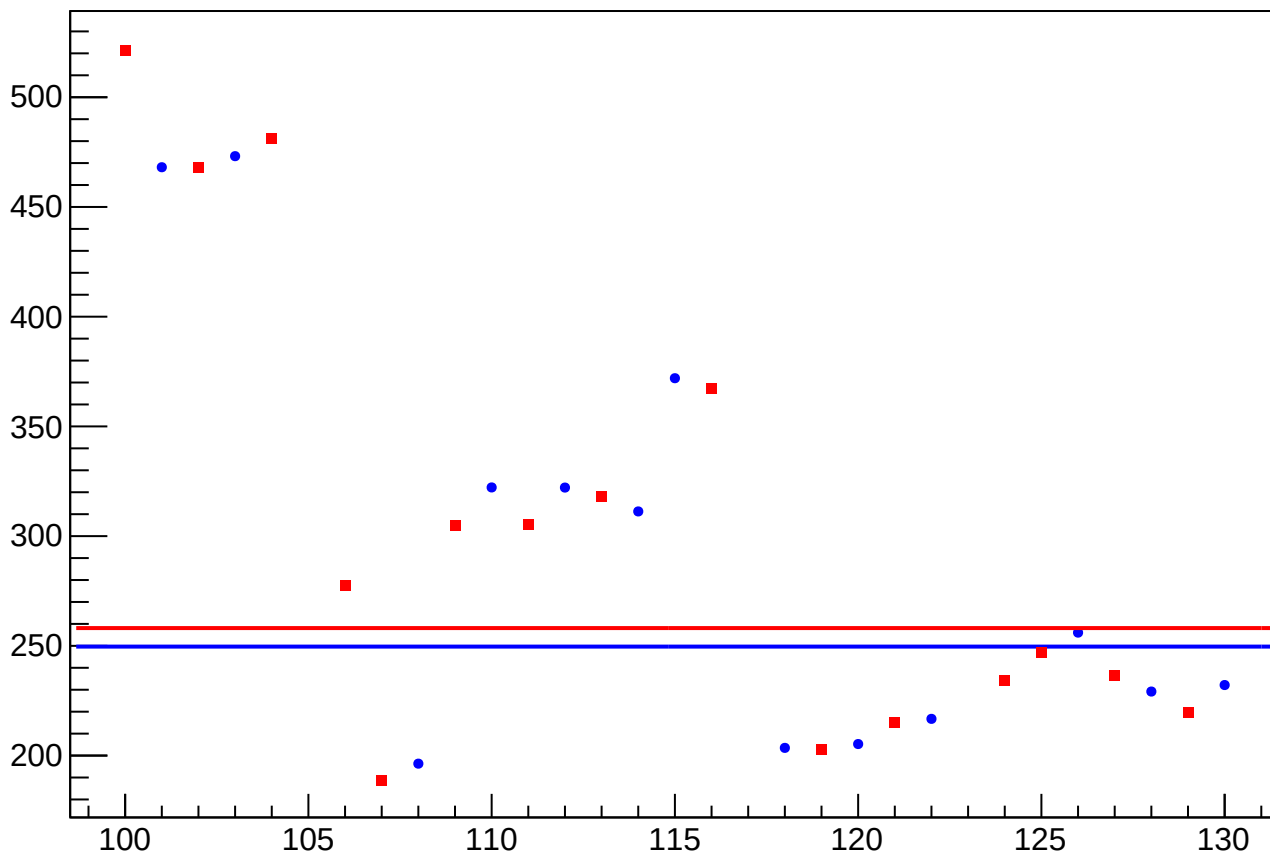
Right Out: 141344.895+/-0.112 χ^2 /NDF: 820267247.9/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 141538.986+/-0.080 χ^2 /NDF: 1692411074.4/14

yield_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 249.661+/-0.080 χ^2/NDF : 850433.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 258.100+/-0.079 χ^2/NDF : 850495.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

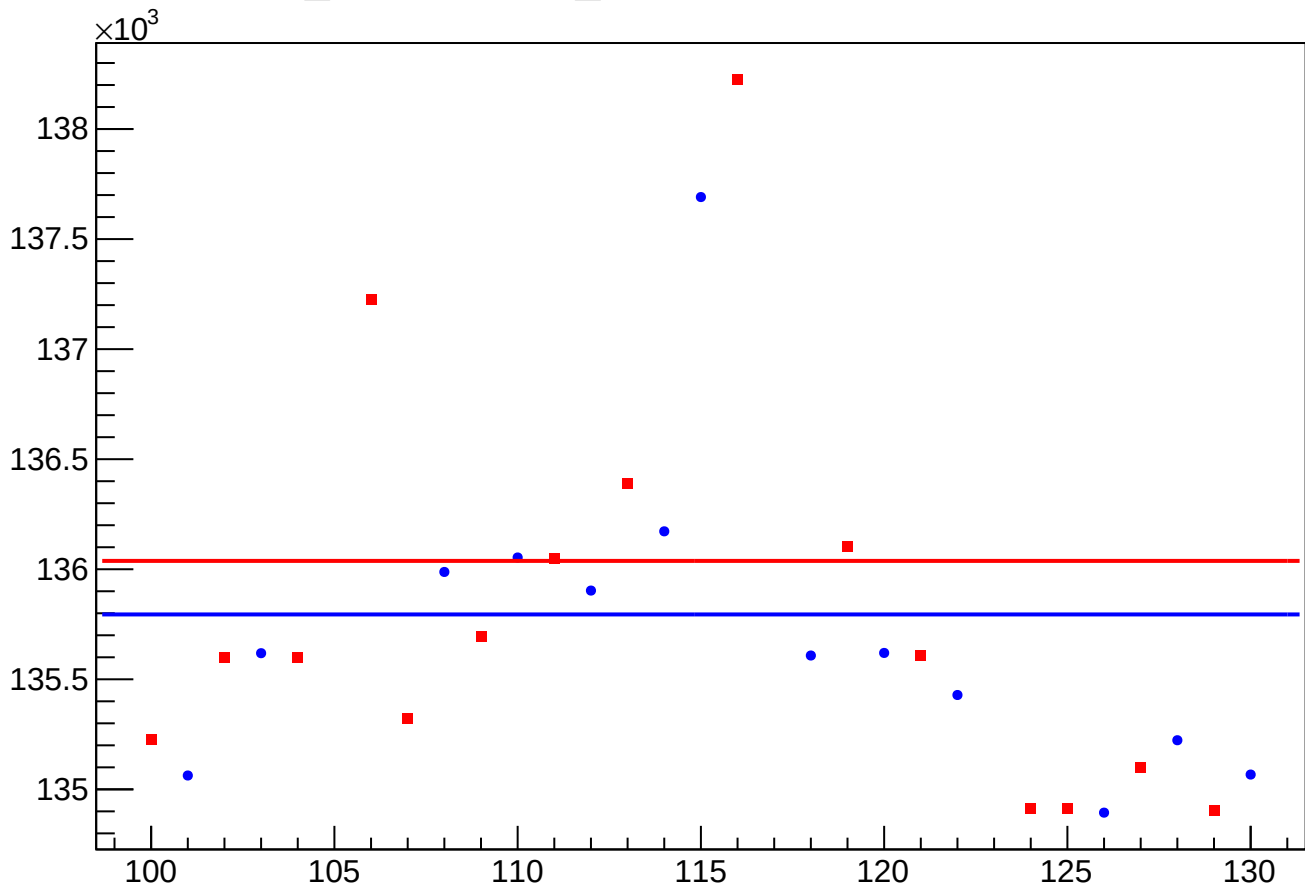
Right: 253.901+/-0.056 χ^2/NDF : 1706536.5/27

In: 249.661+/-0.080 χ^2/NDF : 850433.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

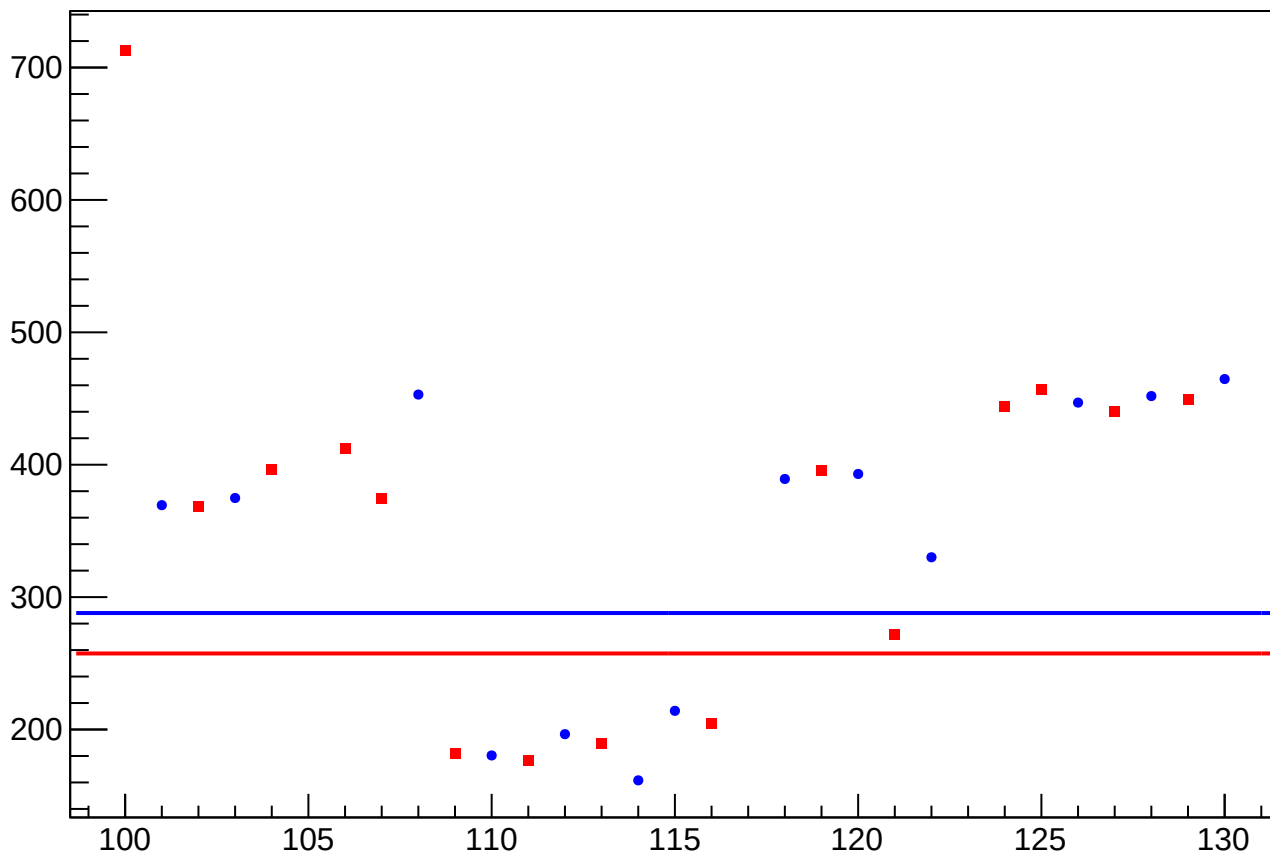
All: 253.901+/-0.056 χ^2/NDF : 1706536.5/27

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 135794.690 $\pm$ 0.133 χ^2 /NDF: 19077051.7/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 136037.930 $\pm$ 0.116 χ^2 /NDF: 45070443.3/14
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 135933.017 $\pm$ 0.088 χ^2 /NDF: 66040288.2/27
 In: 135794.690 $\pm$ 0.133 χ^2 /NDF:19077051.7/12
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 135933.017 $\pm$ 0.088 χ^2 /NDF: 66040288.2/27

yield_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 287.969+/-0.094 χ^2/NDF : 1348278.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 257.433+/-0.082 χ^2/NDF : 1553025.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

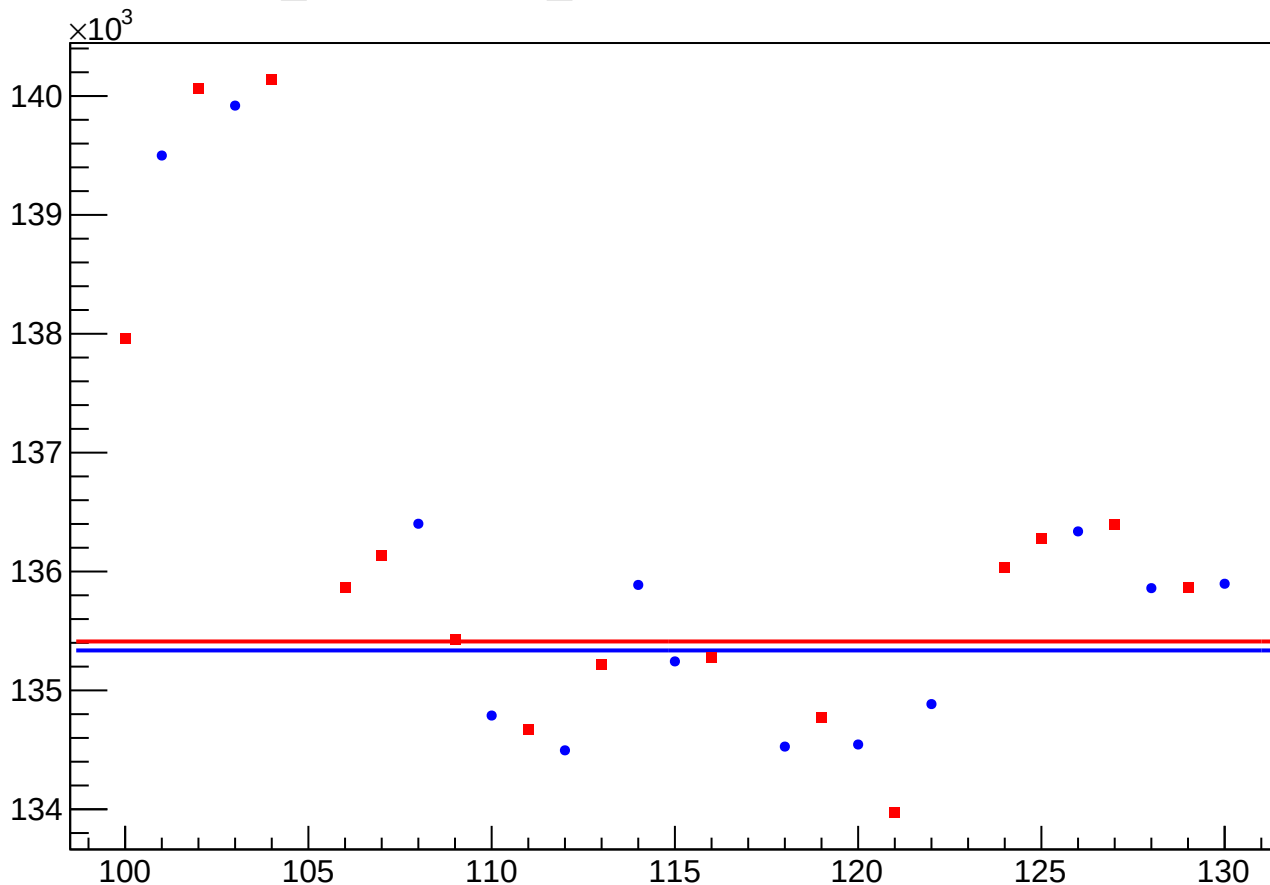
Right: 270.604+/-0.062 χ^2/NDF : 2960963.7/27

In: 287.969+/-0.094 χ^2/NDF :1348278.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

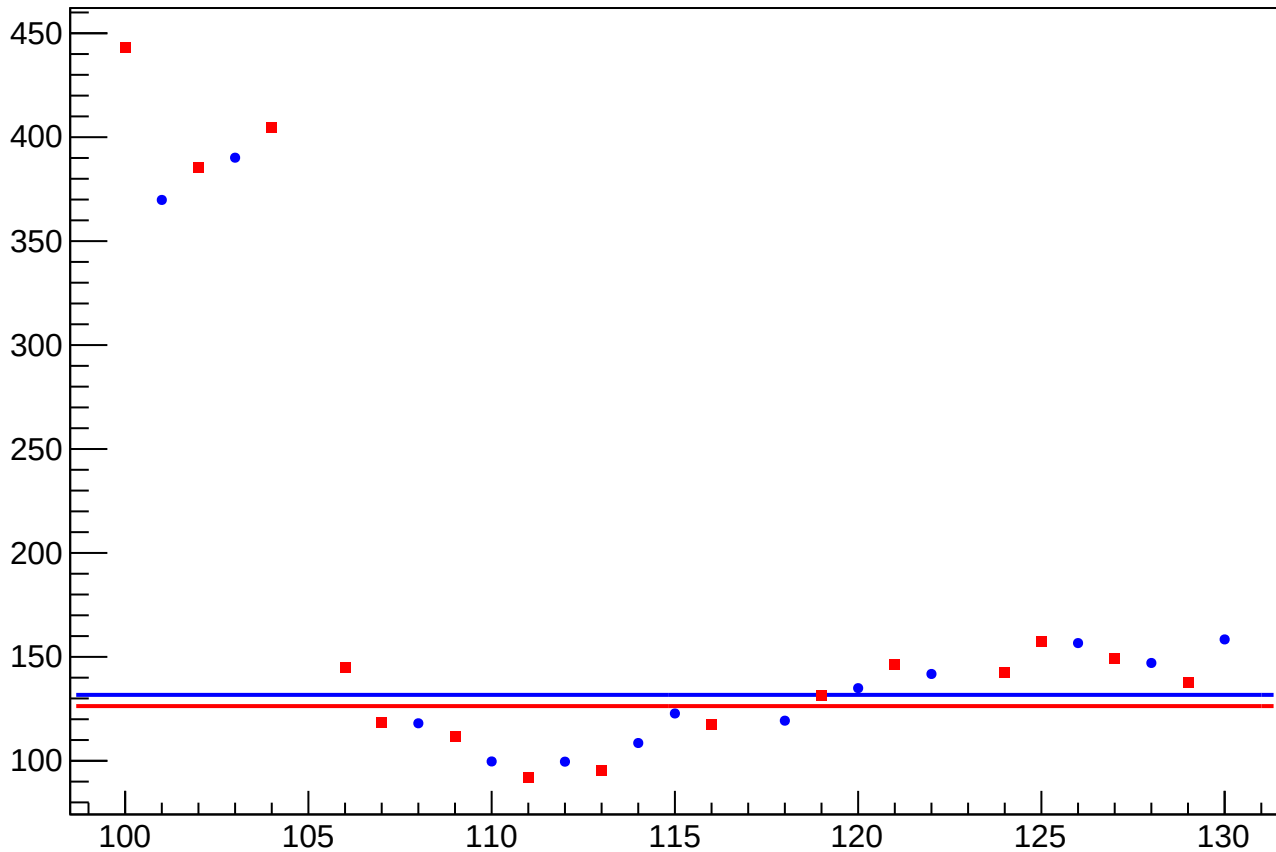
All: 270.604+/-0.062 χ^2/NDF : 2960963.7/27

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 135336.078 $\pm$ 0.061 χ^2 /NDF: 309255150.9/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 135411.597 $\pm$ 0.057 χ^2 /NDF: 299710225.4/14
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 In: 135336.078 $\pm$ 0.061 χ^2 /NDF:309255150.9/12
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 135376.619 $\pm$ 0.042 χ^2 /NDF: 609775487.4/2

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 131.724+/-0.043 χ^2/NDF : 1329675.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.324+/-0.040 χ^2/NDF : 1464689.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

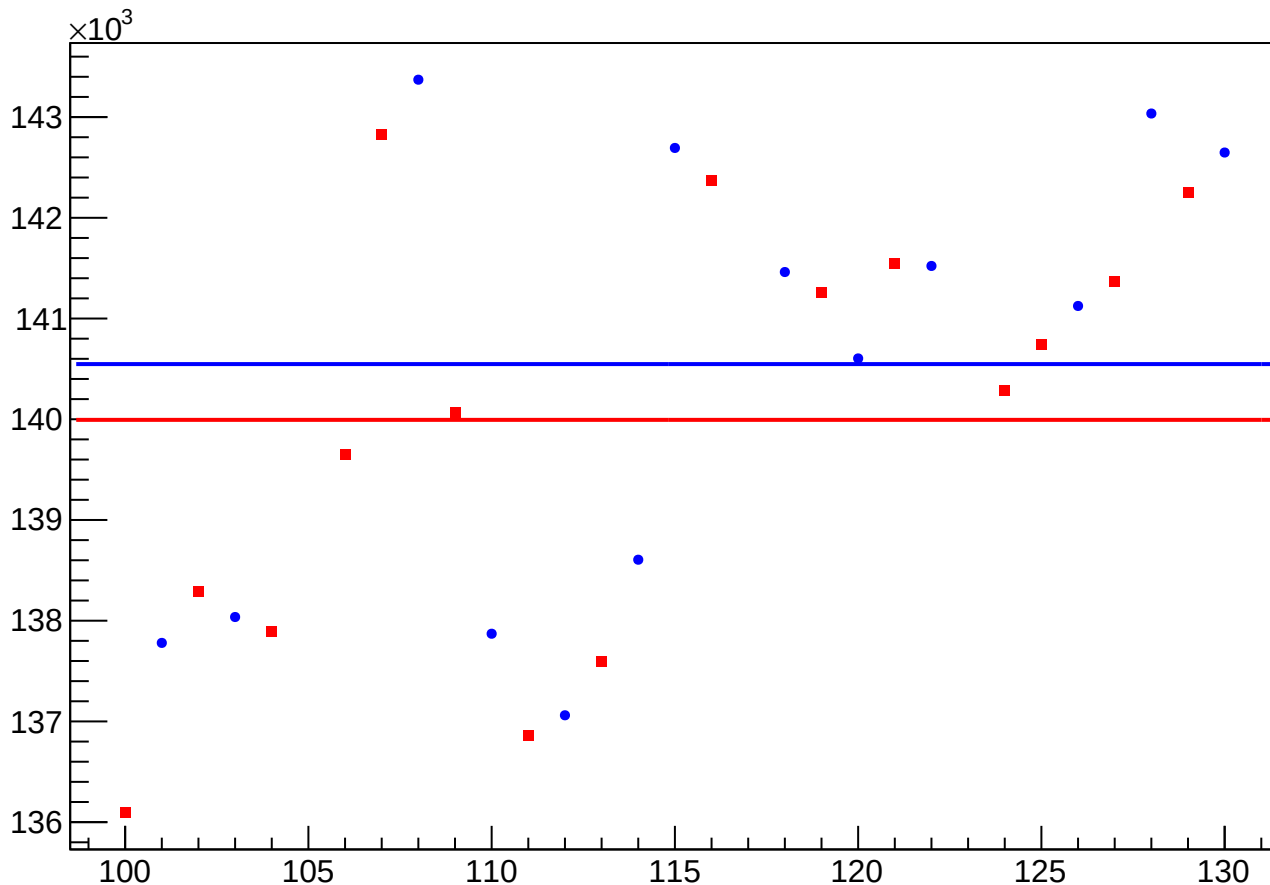
Right: 128.825+/-0.030 χ^2/NDF : 2802651.5/27

In: 131.724+/-0.043 χ^2/NDF : 1329675.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.825+/-0.030 χ^2/NDF : 2802651.5/27

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 140547.689+/-0.071 χ^2 /NDF: 962987824.8/12

Right: 140250.279+/-0.048 χ^2 /NDF: 1927419132.1/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

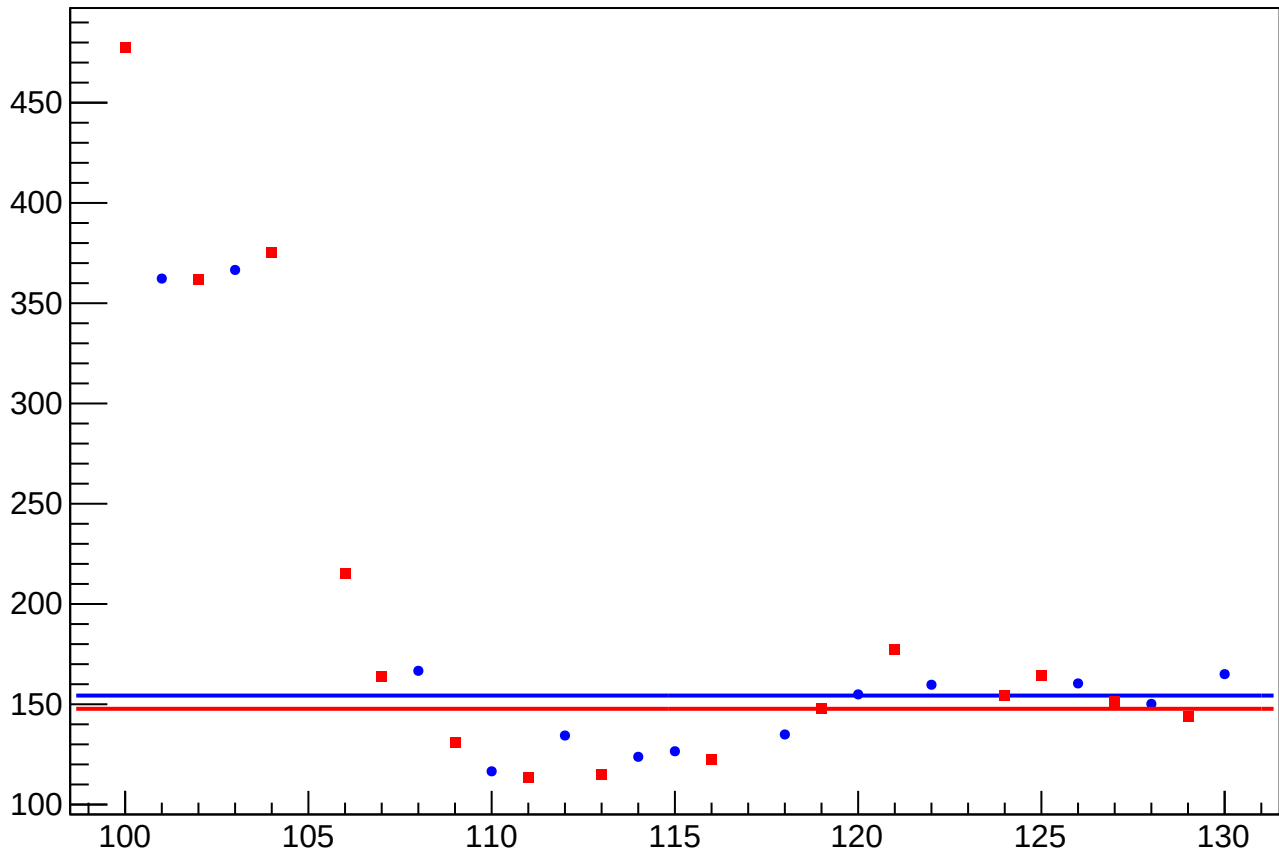
Right Out: 139993.953+/-0.066 χ^2 /NDF: 931582051.3/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 140250.279+/-0.048 χ^2 /NDF: 1927419132.1/14

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 154.340+/-0.050 χ^2/NDF : 988329.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.737+/-0.046 χ^2/NDF : 1173196.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

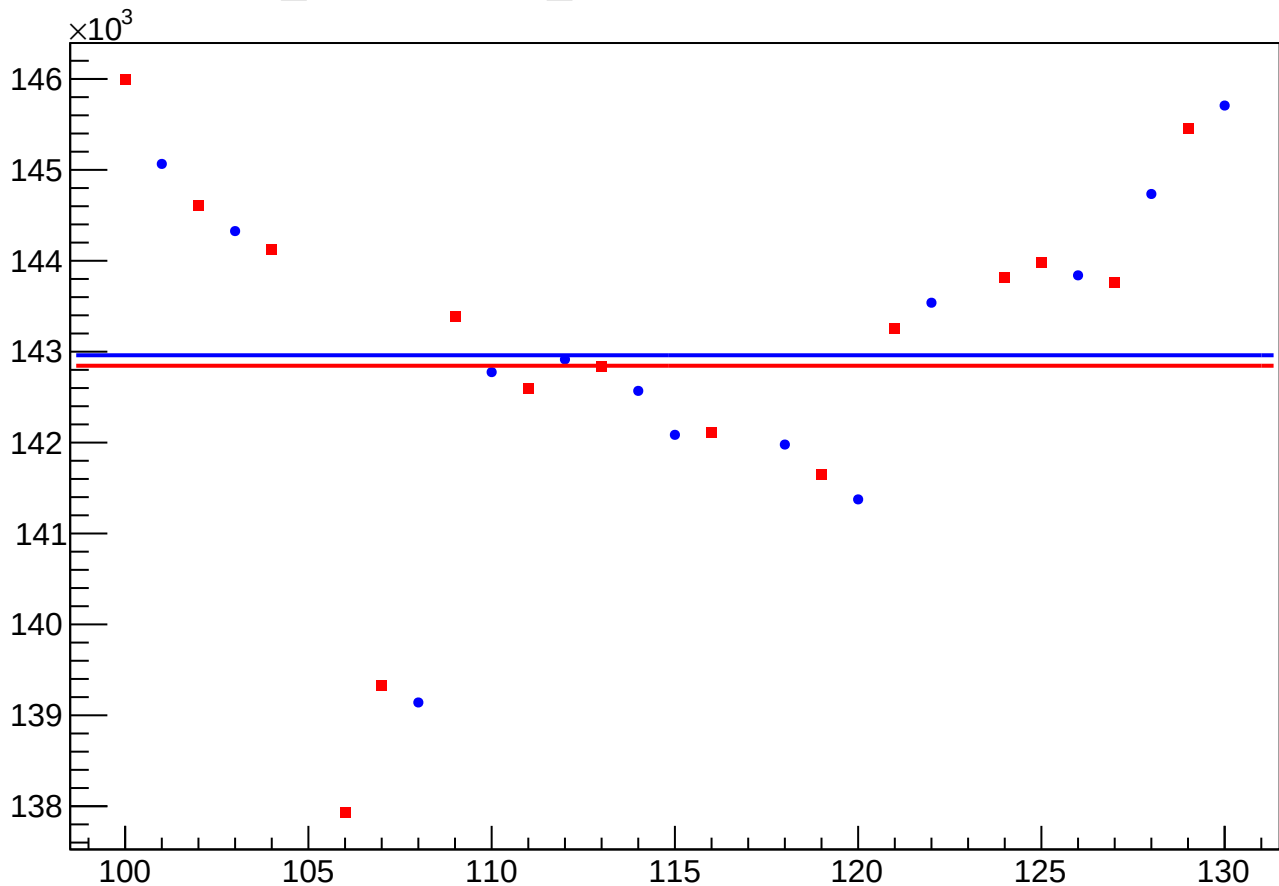
Right: 150.793+/-0.034 χ^2/NDF : 2170869.0/27

In: 154.340+/-0.050 χ^2/NDF : 988329.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.793+/-0.034 χ^2/NDF : 2170869.0/27

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 142960.677+/-0.075 χ^2 /NDF: 560518527.0/12

Right: 142897.302+/-0.051 χ^2 /NDF: 1101446561.2/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

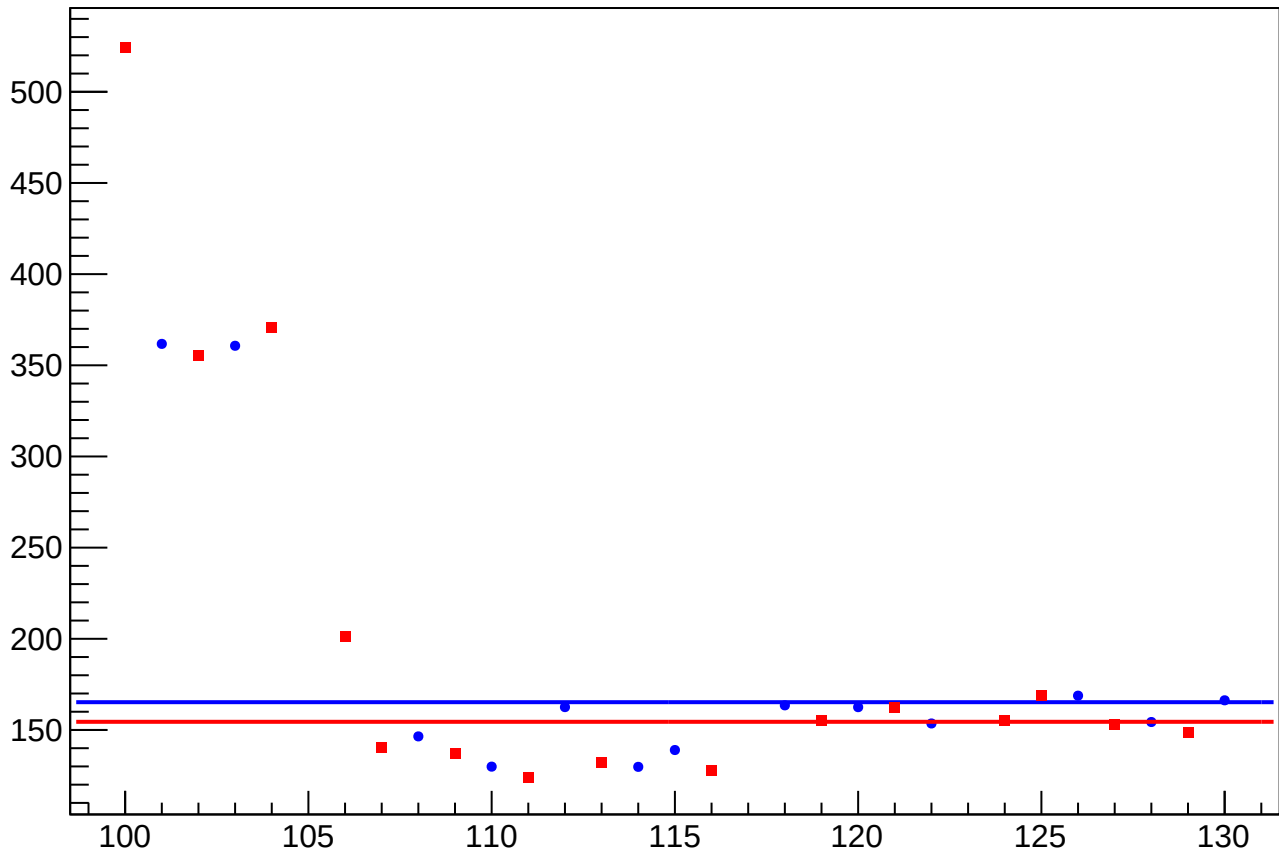
Right Out: 142845.385+/-0.068 χ^2 /NDF: 539641156.3/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 142897.302+/-0.051 χ^2 /NDF: 1101446561.2/14

yield_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 165.235+/-0.053 χ^2/NDF : 840179.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.476+/-0.048 χ^2/NDF : 991121.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

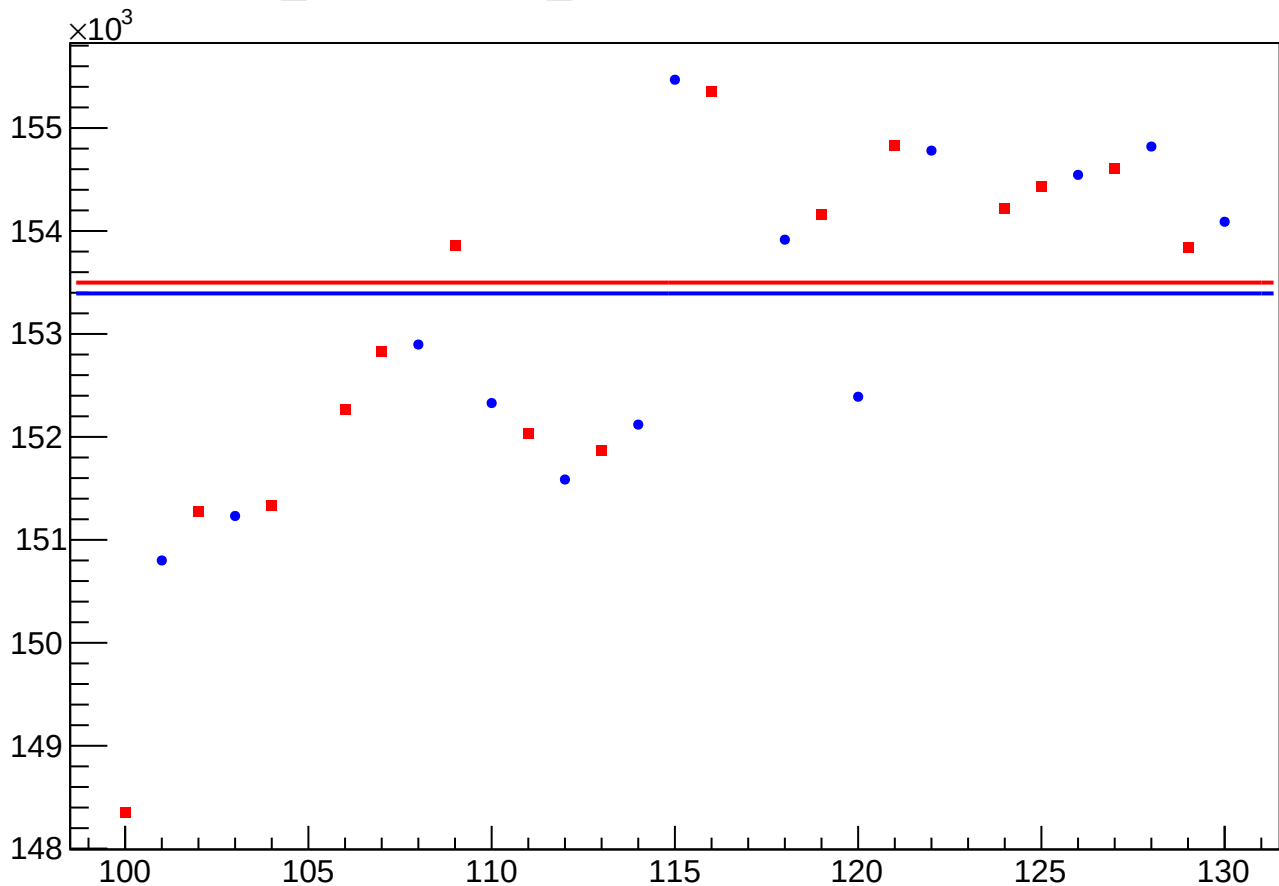
Right: 159.321+/-0.036 χ^2/NDF : 1853714.6/27

In: 165.235+/-0.053 χ^2/NDF : 840179.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

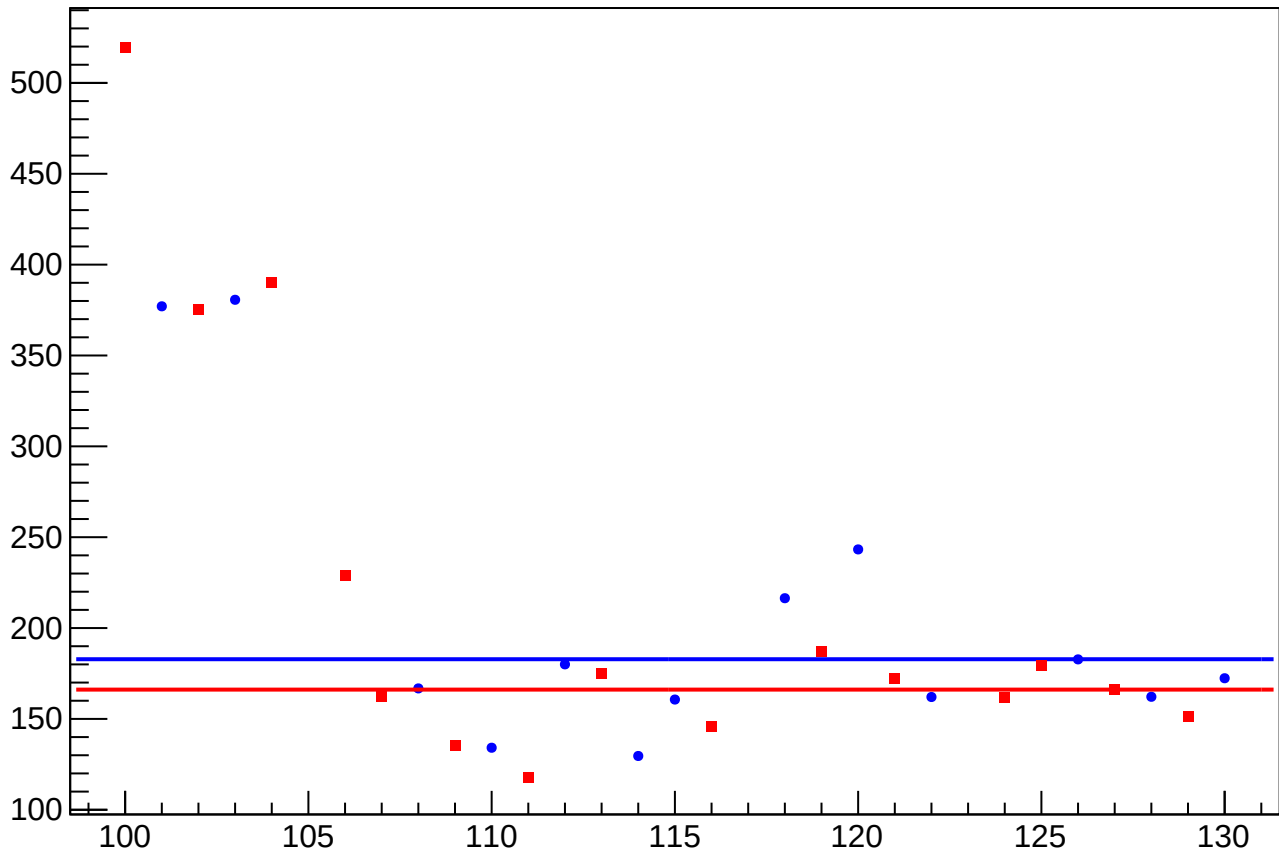
All: 159.321+/-0.036 χ^2/NDF : 1853714.6/27

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 153393.502 $\pm$ 0.085 χ^2 /NDF: 233961609.7/12
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 153453.049 $\pm$ 0.056 χ^2 /NDF: 491143970.0/2
 In: 153393.502 $\pm$ 0.085 χ^2 /NDF: 233961609.7/12
 Right Out: 153498.776 $\pm$ 0.075 χ^2 /NDF: 256324045.5/14
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 153453.049 $\pm$ 0.056 χ^2 /NDF: 491143970.0/2

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 182.848+/-0.060 χ^2/NDF : 896827.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 166.128+/-0.053 χ^2/NDF : 1074527.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

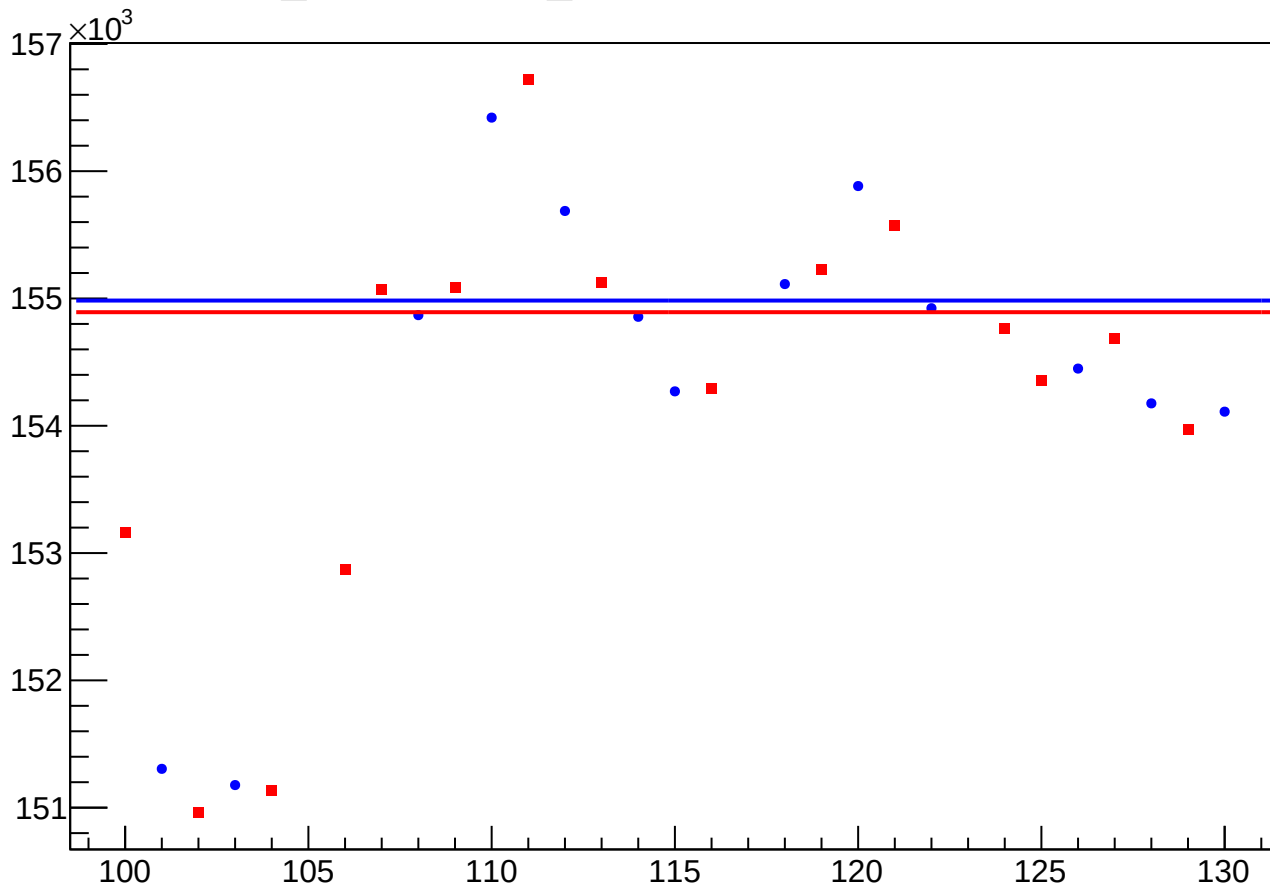
Right: 173.390+/-0.040 χ^2/NDF : 2014657.0/27

In: 182.848+/-0.060 χ^2/NDF : 896827.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.390+/-0.040 χ^2/NDF : 2014657.0/27

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 154983.661+/-0.073 χ^2 /NDF: 213205922.1/12

Right: 154934.065+/-0.050 χ^2 /NDF: 503664037.4/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

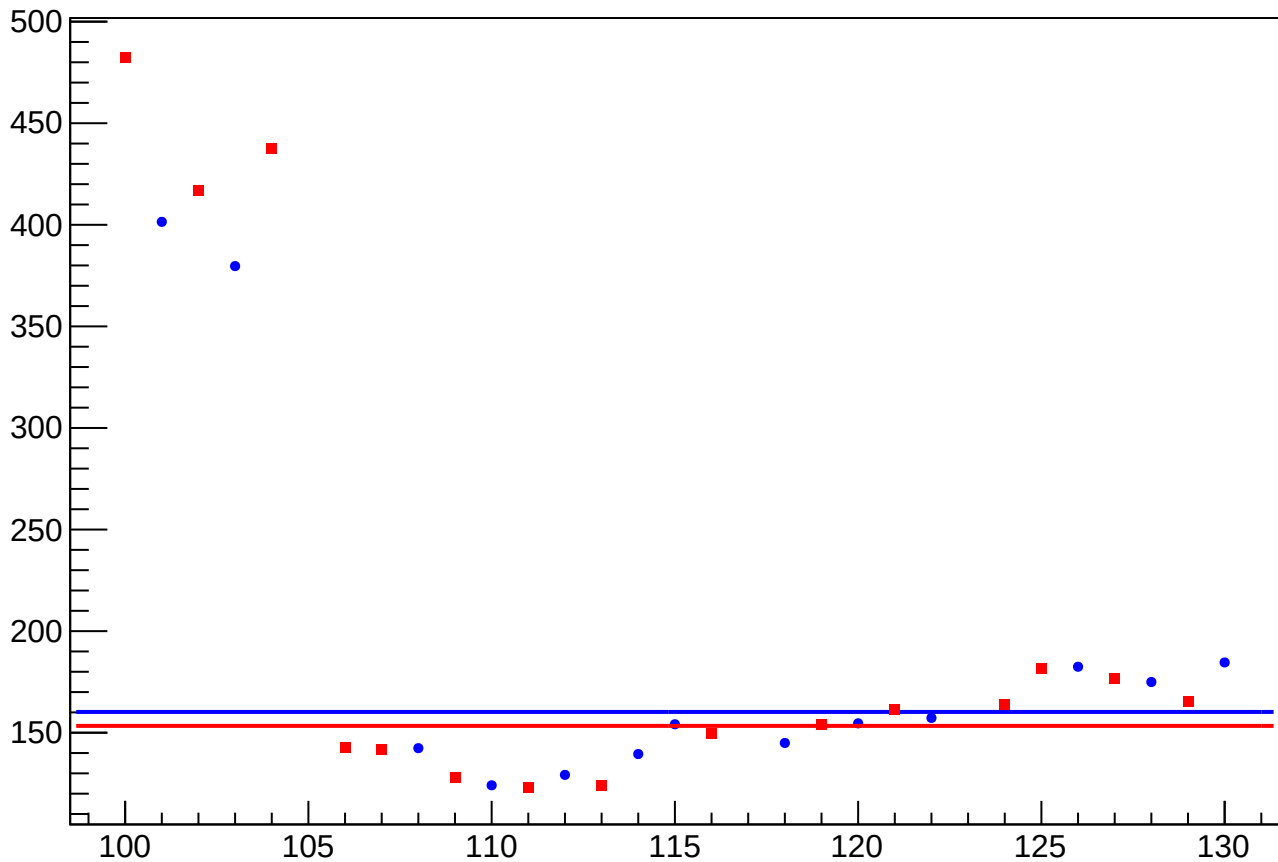
Right Out: 154892.222+/-0.067 χ^2 /NDF: 289616891.6/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 154934.065+/-0.050 χ^2 /NDF: 503664037.4/2

yield_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 160.232+/-0.052 χ^2/NDF : 1029429.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.363+/-0.048 χ^2/NDF : 1210752.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

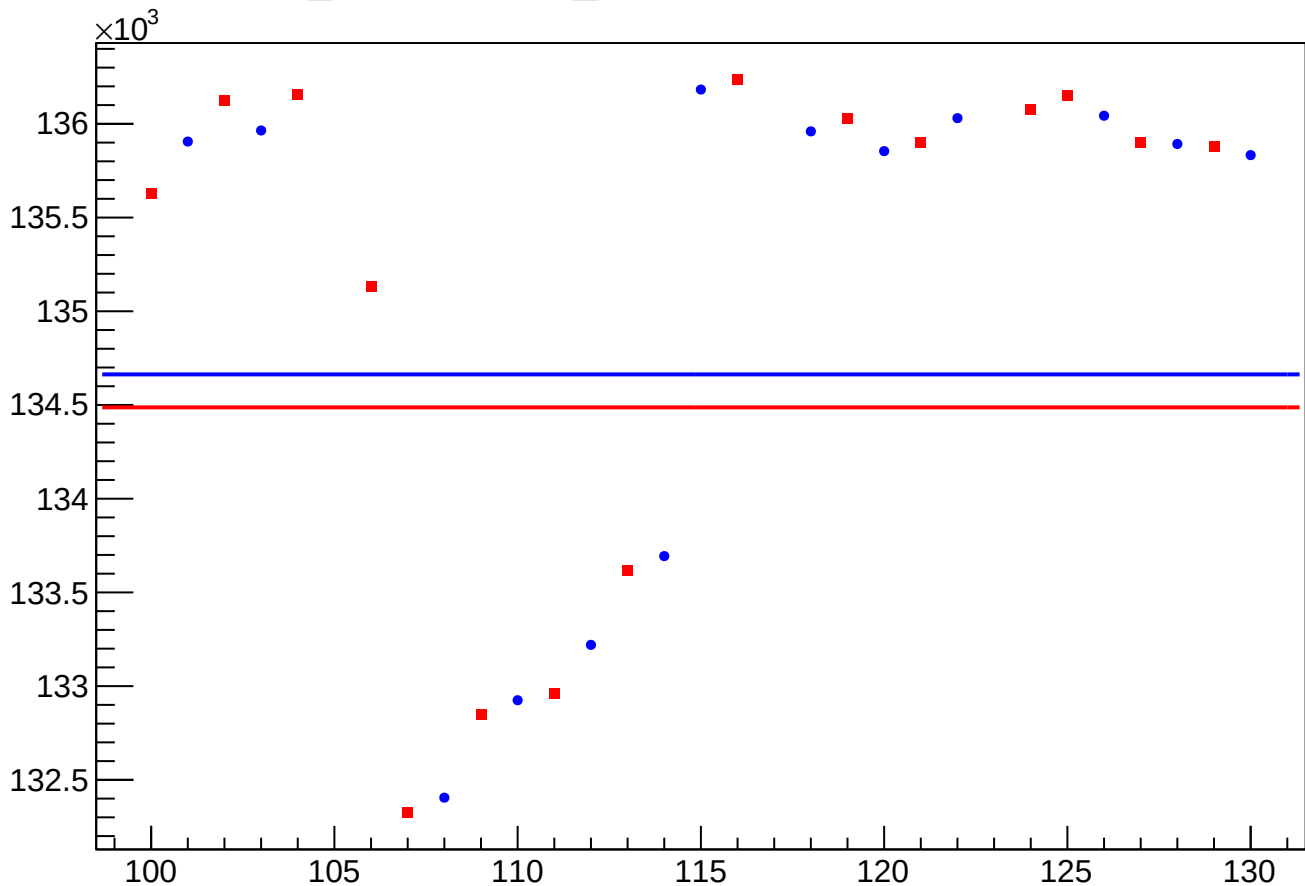
Right: 156.506+/-0.035 χ^2/NDF : 2249677.5/27

In: 160.232+/-0.052 χ^2/NDF : 1029429.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.506+/-0.035 χ^2/NDF : 2249677.5/27

yield_bpm1i04WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 134663.223+/-0.057 χ^2 /NDF: 694344758.1/12

Right: 134568.788+/-0.039 χ^2 /NDF: 1490275427.8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 134487.311+/-0.053 χ^2 /NDF: 790756201.9/14

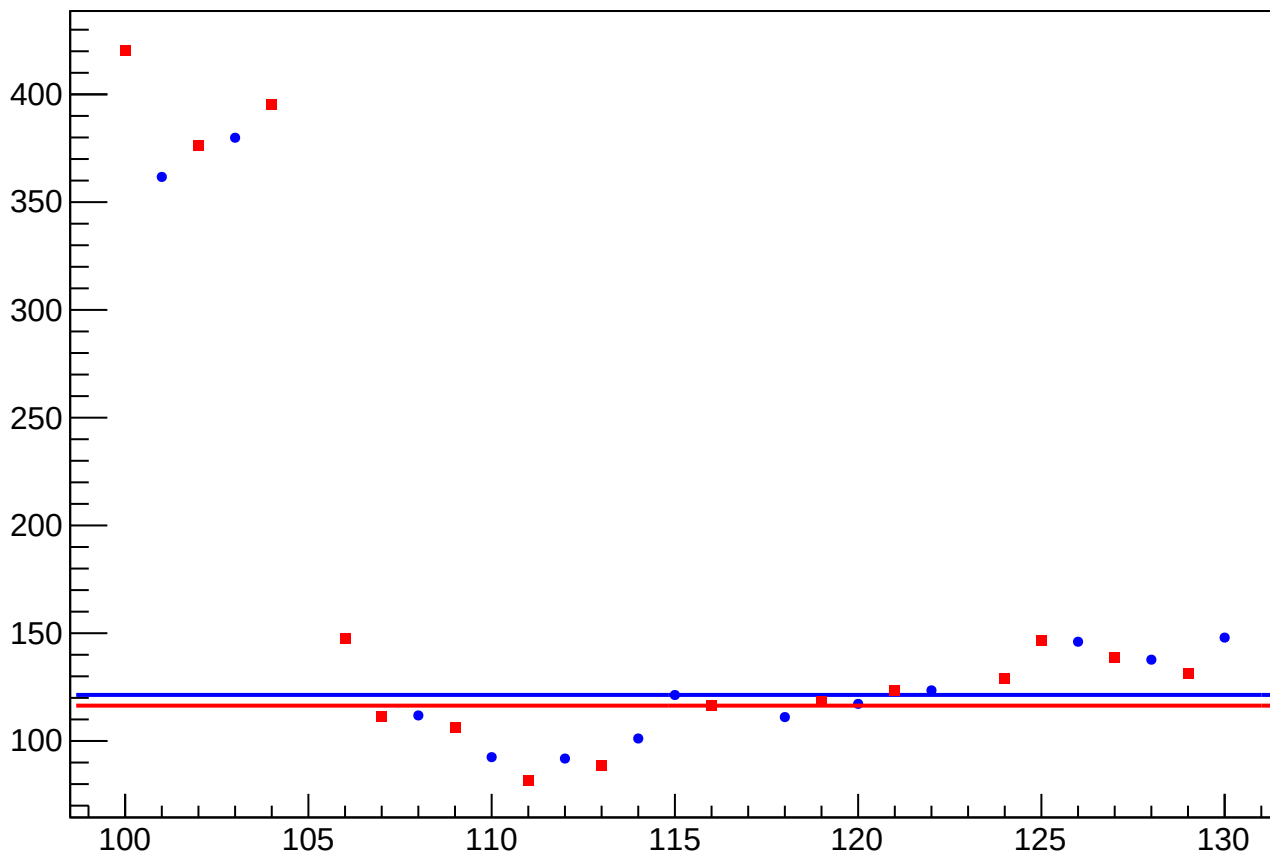
In: 134663.223+/-0.057 χ^2 /NDF: 694344758.1/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 134568.788+/-0.039 χ^2 /NDF: 1490275427.8

yield_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 121.373+/-0.040 χ^2/NDF : 1389515.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 116.401+/-0.037 χ^2/NDF : 1549519.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

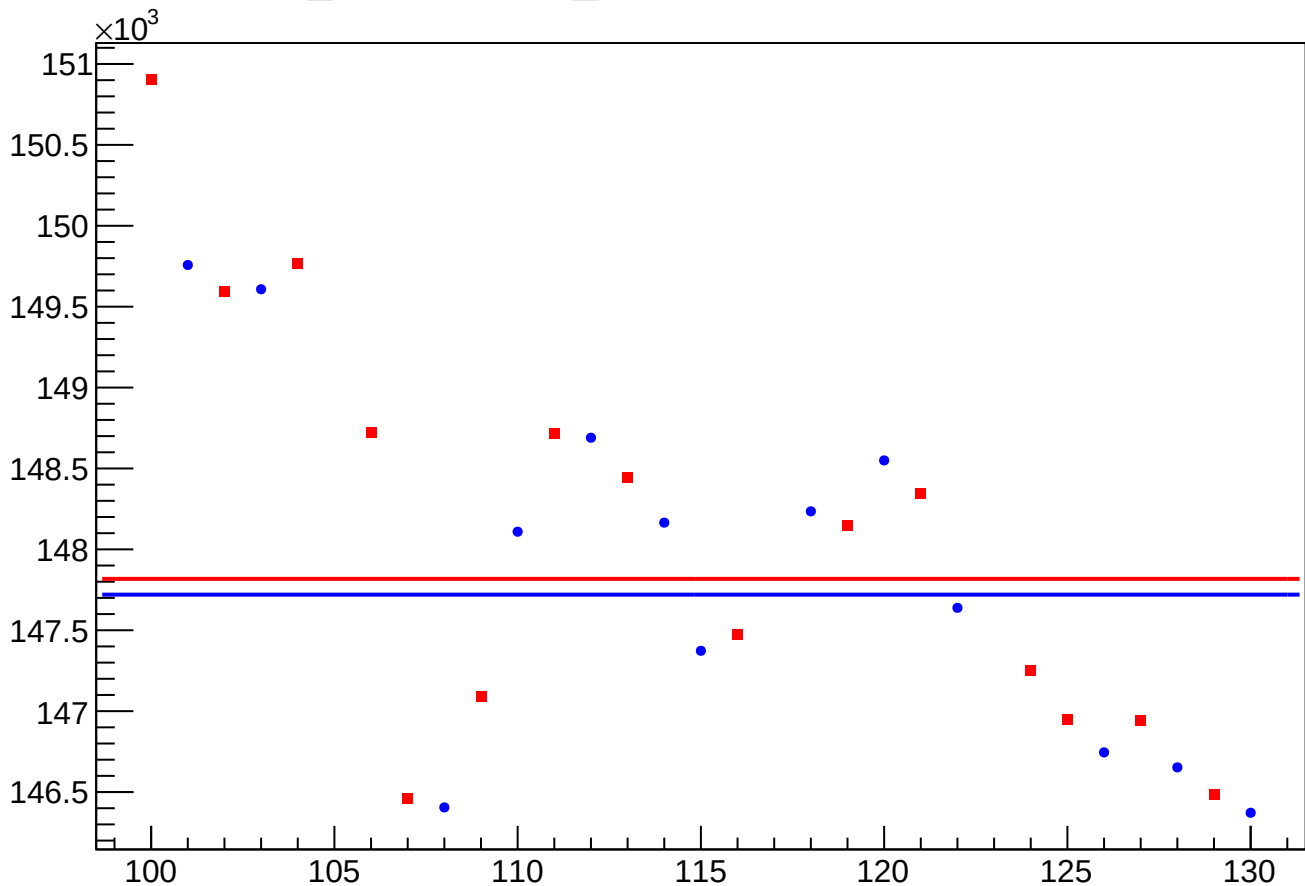
Right: 118.704+/-0.027 χ^2/NDF : 2947302.0/27

In: 121.373+/-0.040 χ^2/NDF : 1389515.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

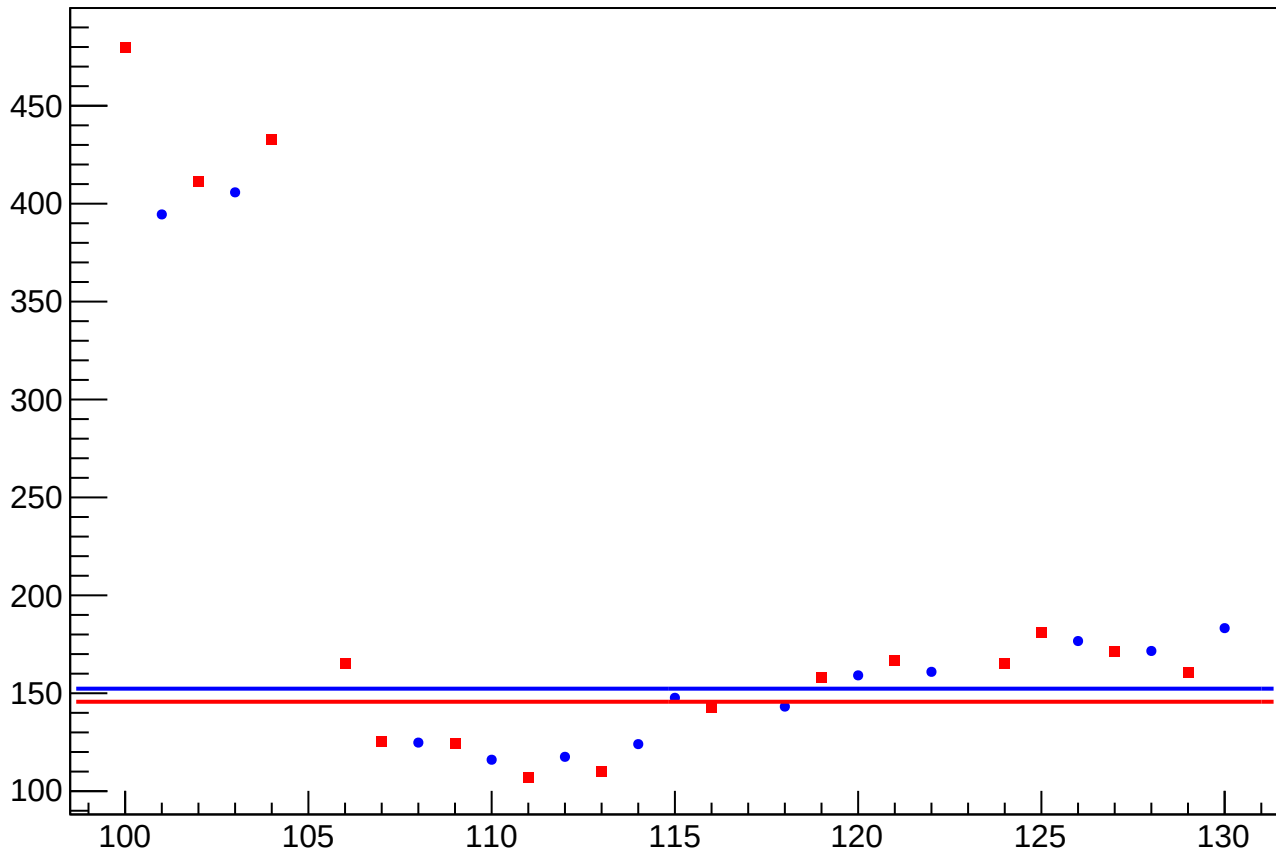
All: 118.704+/-0.027 χ^2/NDF : 2947302.0/27

yield_bpm1i06WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 147720.148+/-0.070 χ^2 /NDF: 181617313.8/12
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 147772.751+/-0.048 χ^2 /NDF: 363526765.6/2
 In: 147720.148+/-0.070 χ^2 /NDF: 181617313.8/12
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 147772.751+/-0.048 χ^2 /NDF: 363526765.6/2

yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 152.339+/-0.050 χ^2/NDF : 1220635.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 145.662+/-0.046 χ^2/NDF : 1400191.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

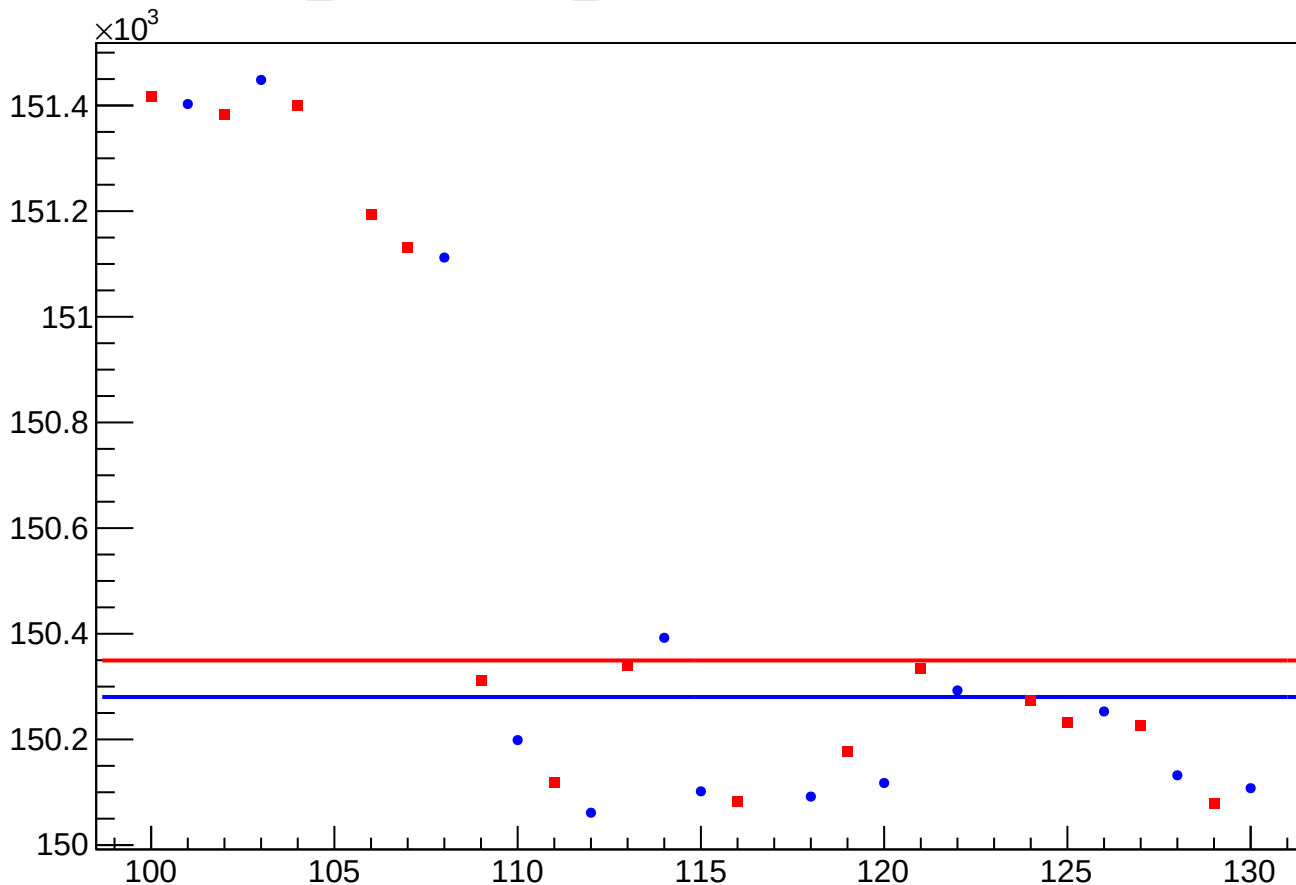
Right: 148.737+/-0.034 χ^2/NDF : 2630545.4/27

In: 152.339+/-0.050 χ^2/NDF : 1220635.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.737+/-0.034 χ^2/NDF : 2630545.4/27

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 150280.378+/-0.061 χ^2 /NDF: 34381951.1/12

Right: 150317.859+/-0.041 χ^2 /NDF: 72535232.8/27

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 150349.477+/-0.056 χ^2 /NDF: 37448402.0/14

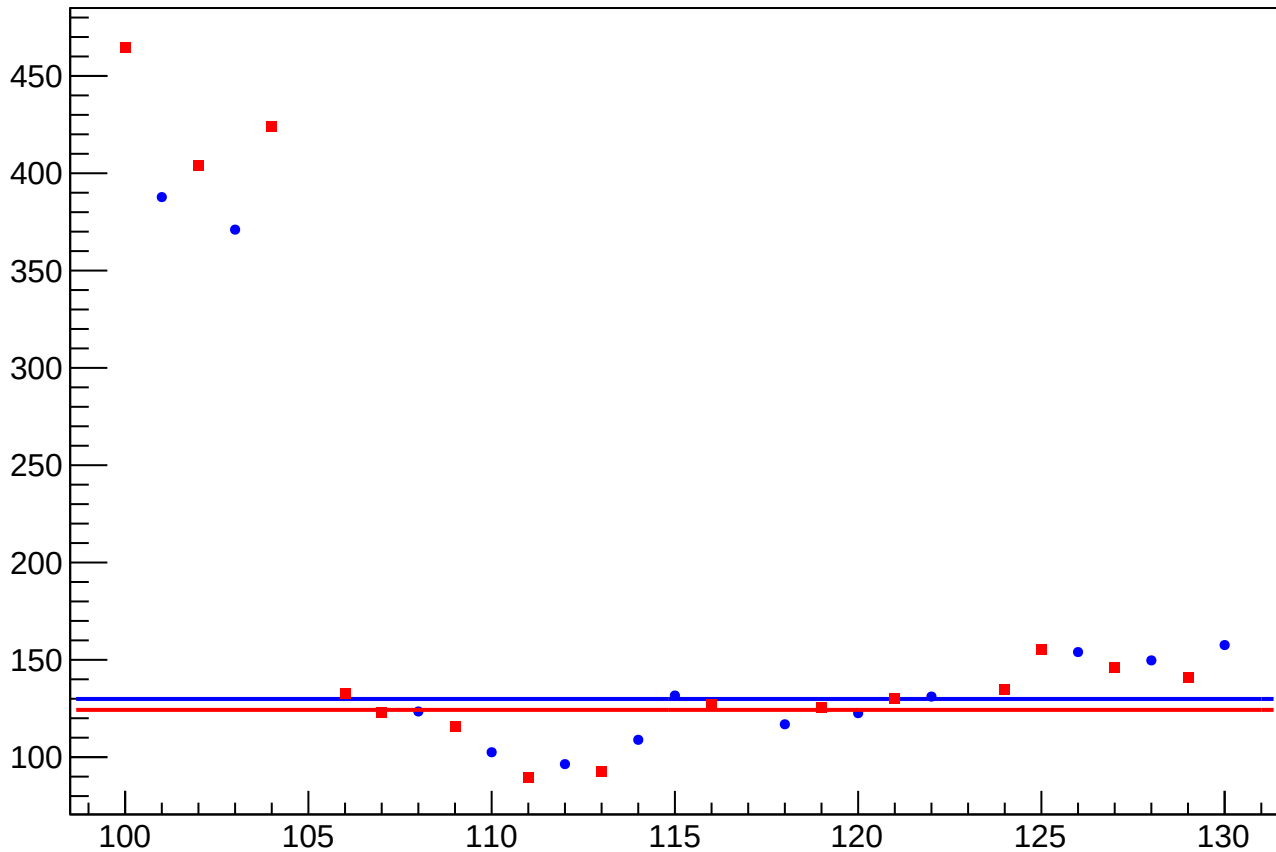
In: 150280.378+/-0.061 χ^2 /NDF: 34381951.1/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 150317.859+/-0.041 χ^2 /NDF: 72535232.8/27

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 129.901+/-0.043 χ^2/NDF : 1306228.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.285+/-0.039 χ^2/NDF : 1513685.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

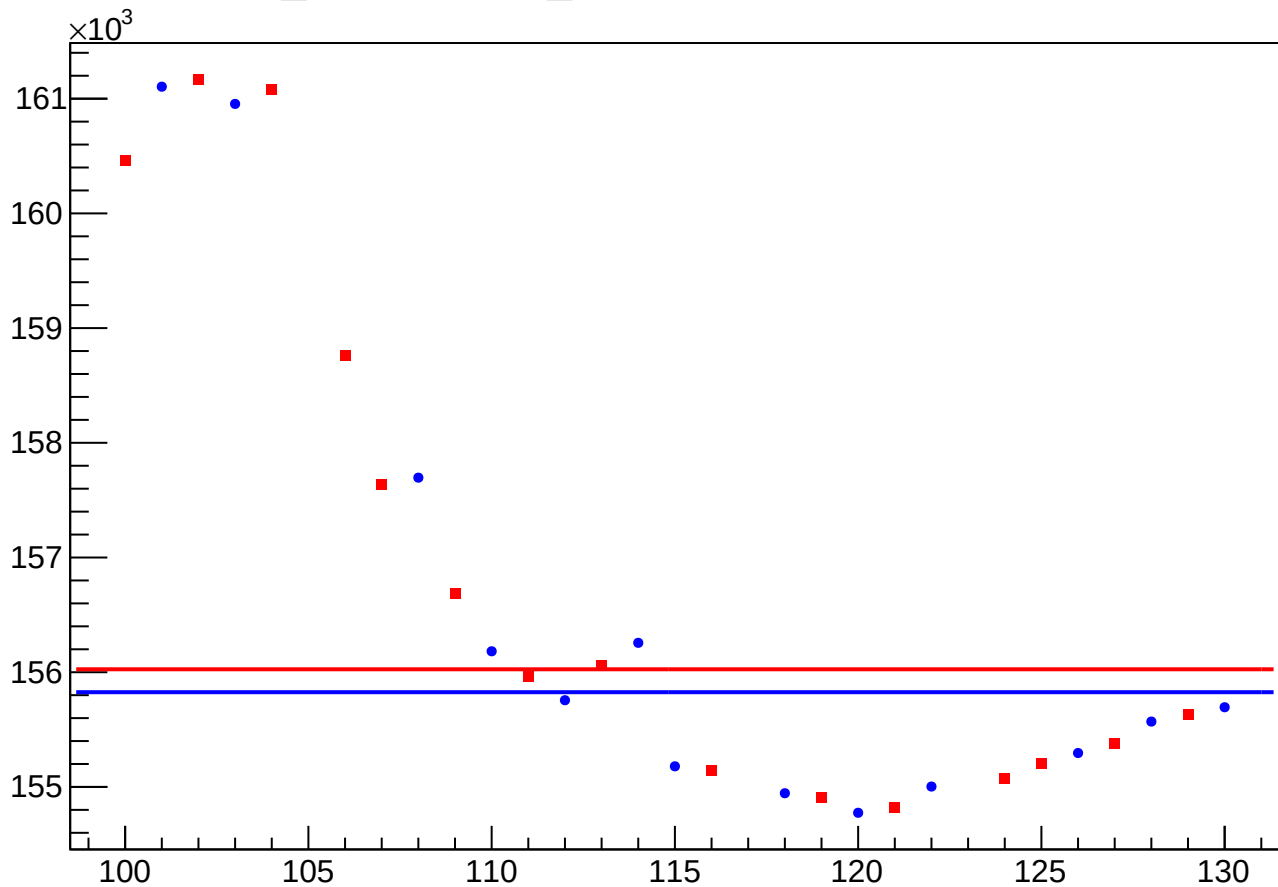
Right: 126.855+/-0.029 χ^2/NDF : 2829227.8/27

In: 129.901+/-0.043 χ^2/NDF : 1306228.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

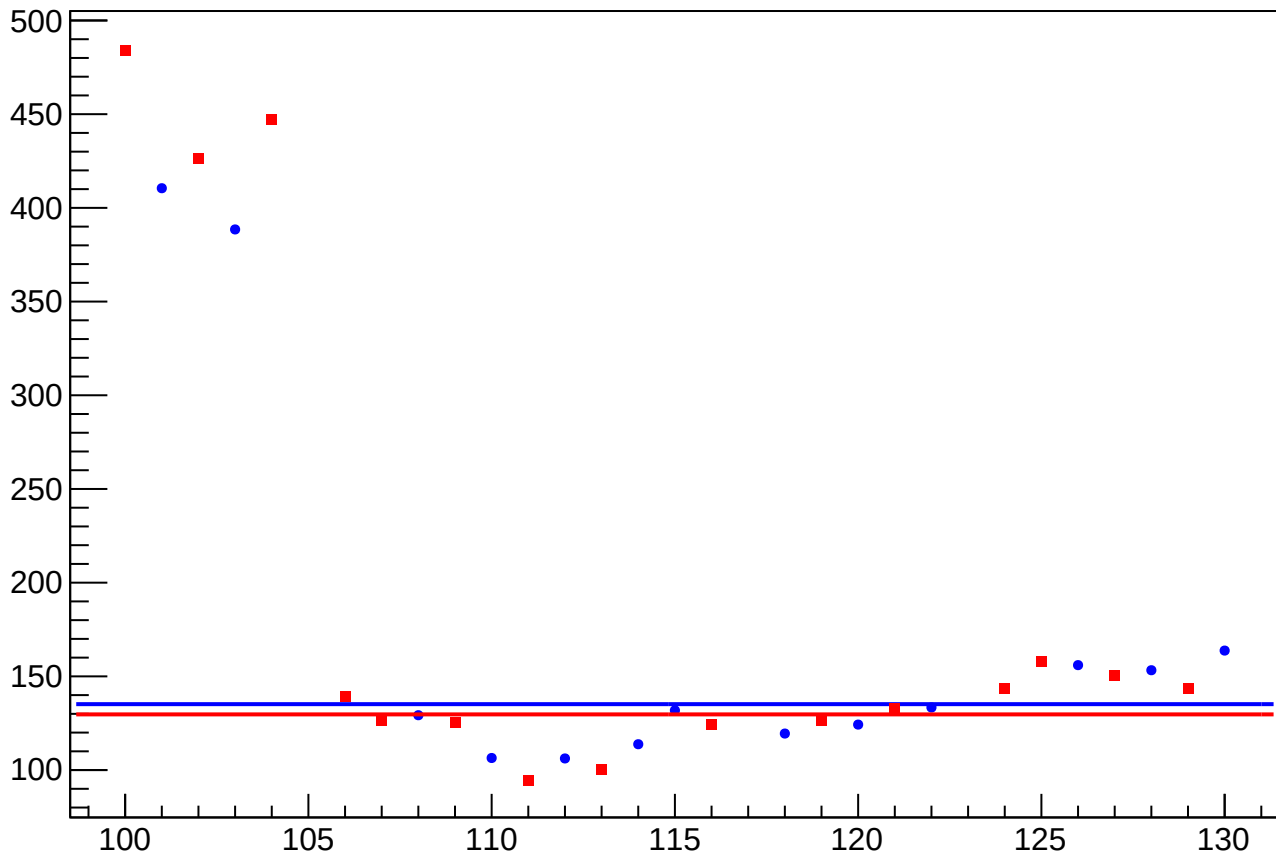
All: 126.855+/-0.029 χ^2/NDF : 2829227.8/27

yield_bpm2i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 155825.877+/-0.063 χ^2 /NDF: 371091352.6/12
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 155934.065+/-0.043 χ^2 /NDF: 838763914.7/2
 In: 155825.877+/-0.063 χ^2 /NDF: 371091352.6/12
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 155934.065+/-0.043 χ^2 /NDF: 838763914.7/2

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 135.173+/-0.045 χ^2/NDF : 1277882.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.710+/-0.041 χ^2/NDF : 1476738.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

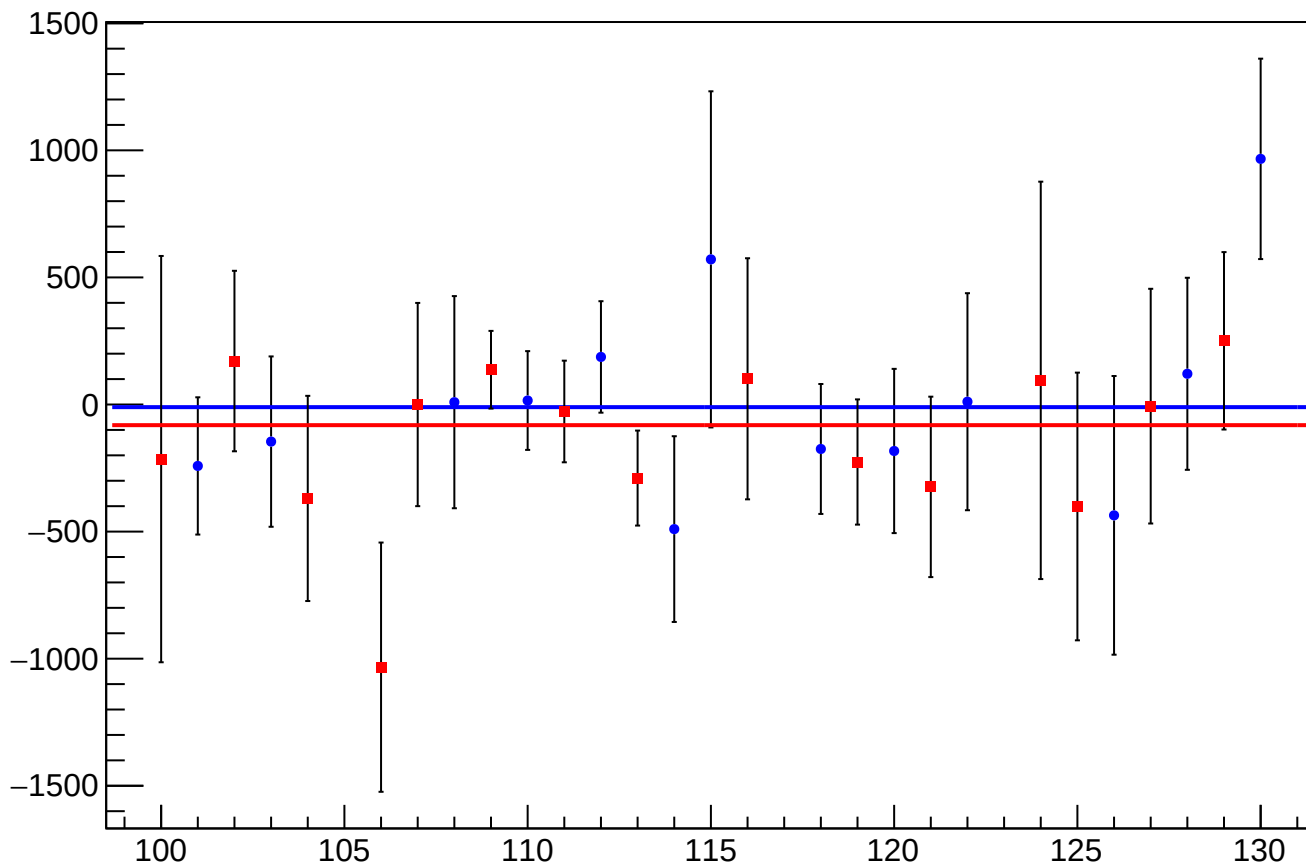
Right: 132.216+/-0.030 χ^2/NDF : 2762760.3/27

In: 135.173+/-0.045 χ^2/NDF : 1277882.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.216+/-0.030 χ^2/NDF : 2762760.3/27

asym_bcm_target_mean vs Slug, Sign Corrected



Right In: -10.353 ± 86.850 χ^2/NDF : 11.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -81.248 ± 76.804 χ^2/NDF : 10.5/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

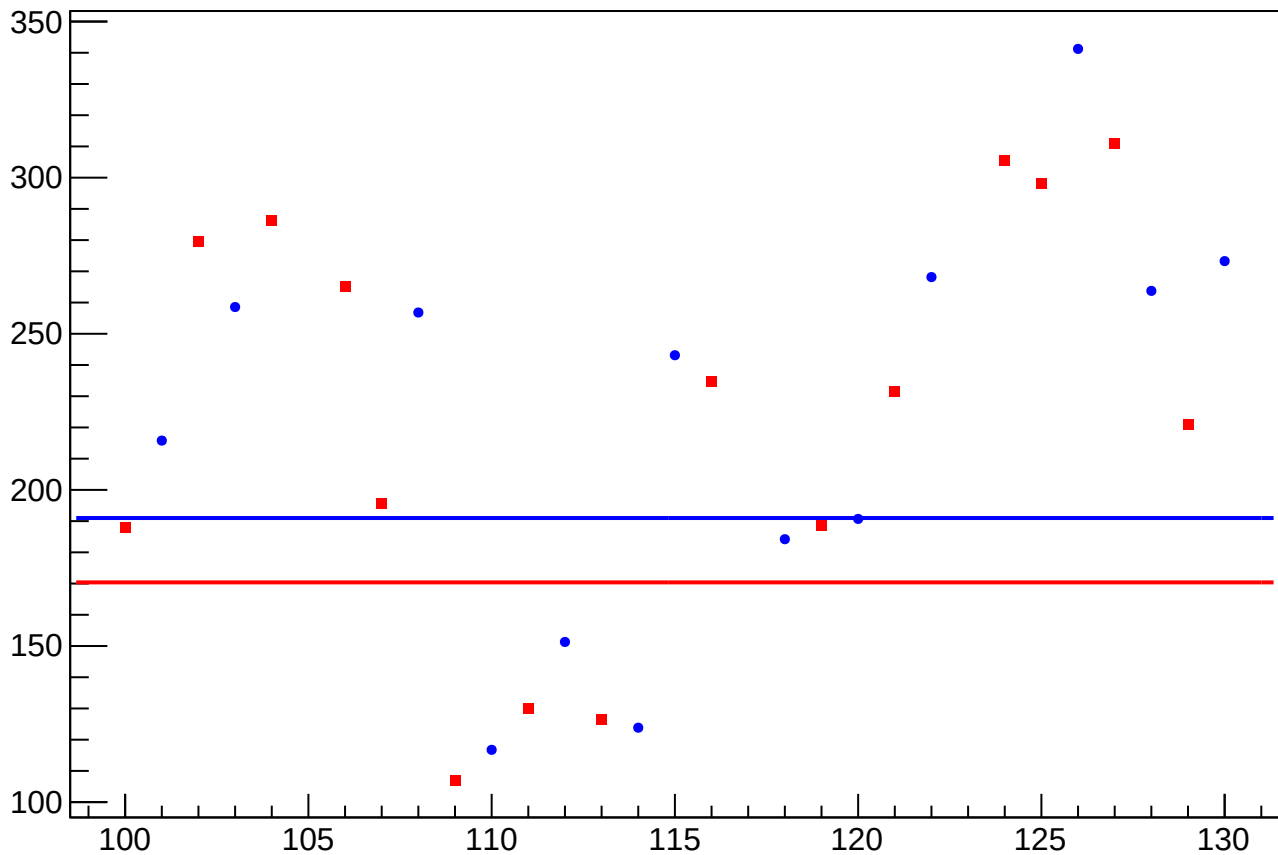
Right: -50.136 ± 57.534 χ^2/NDF : 22.7/27

In: -10.353 ± 86.850 χ^2/NDF : 11.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -50.136 ± 57.534 χ^2/NDF : 22.7/27

asym_bcm_target_rms vs Slug, Sign Corrected



Right In: 190.991+/-0.061 χ^2/NDF : 963731.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 170.376+/-0.054 χ^2/NDF : 1488950.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

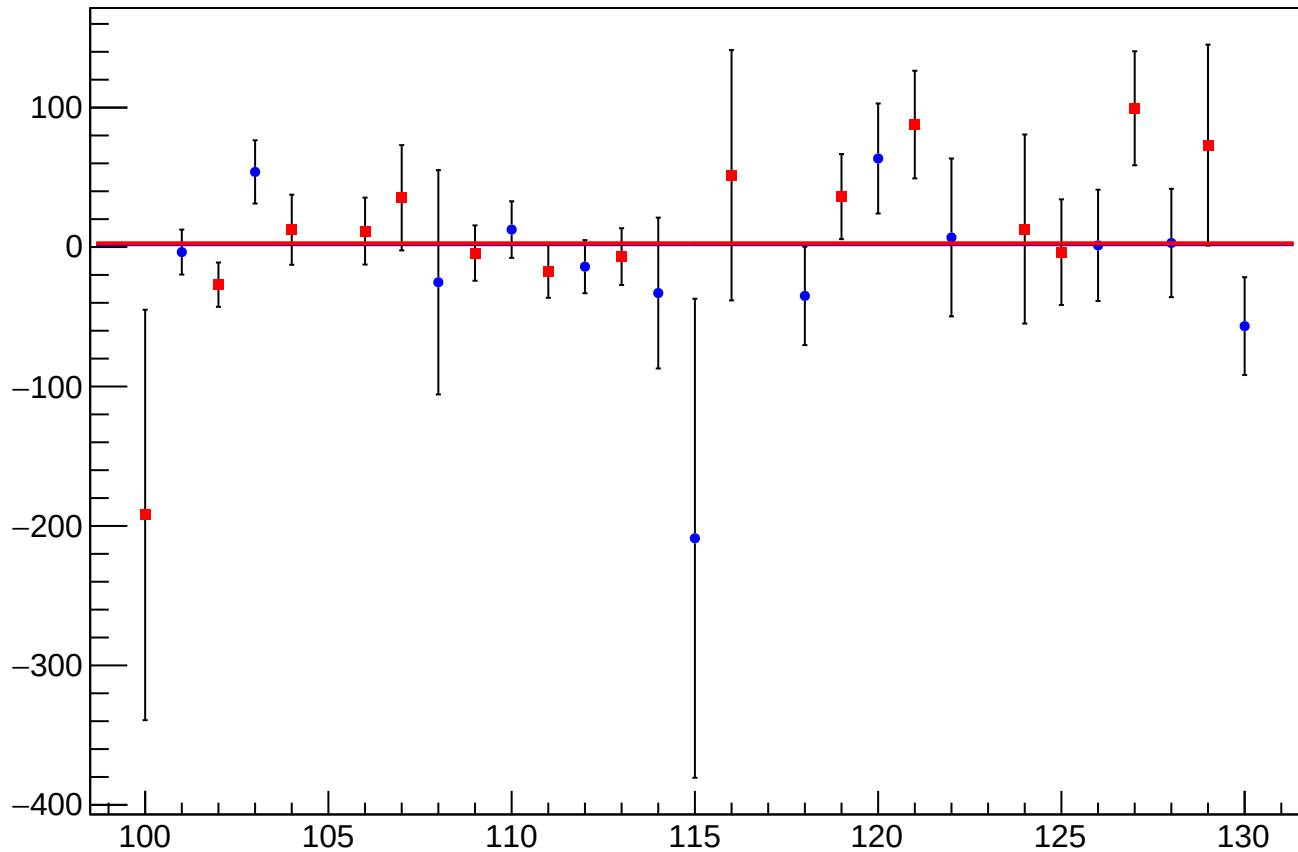
Right: 179.423+/-0.041 χ^2/NDF : 2515914.4/27

In: 190.991+/-0.061 χ^2/NDF :963731.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 179.423+/-0.041 χ^2/NDF : 2515914.4/27

asym_bcm_an_diff_mean vs Slug, Sign Corrected



Right In: 2.044+/-8.067 χ^2/NDF : 14.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.694+/-7.201 χ^2/NDF : 20.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

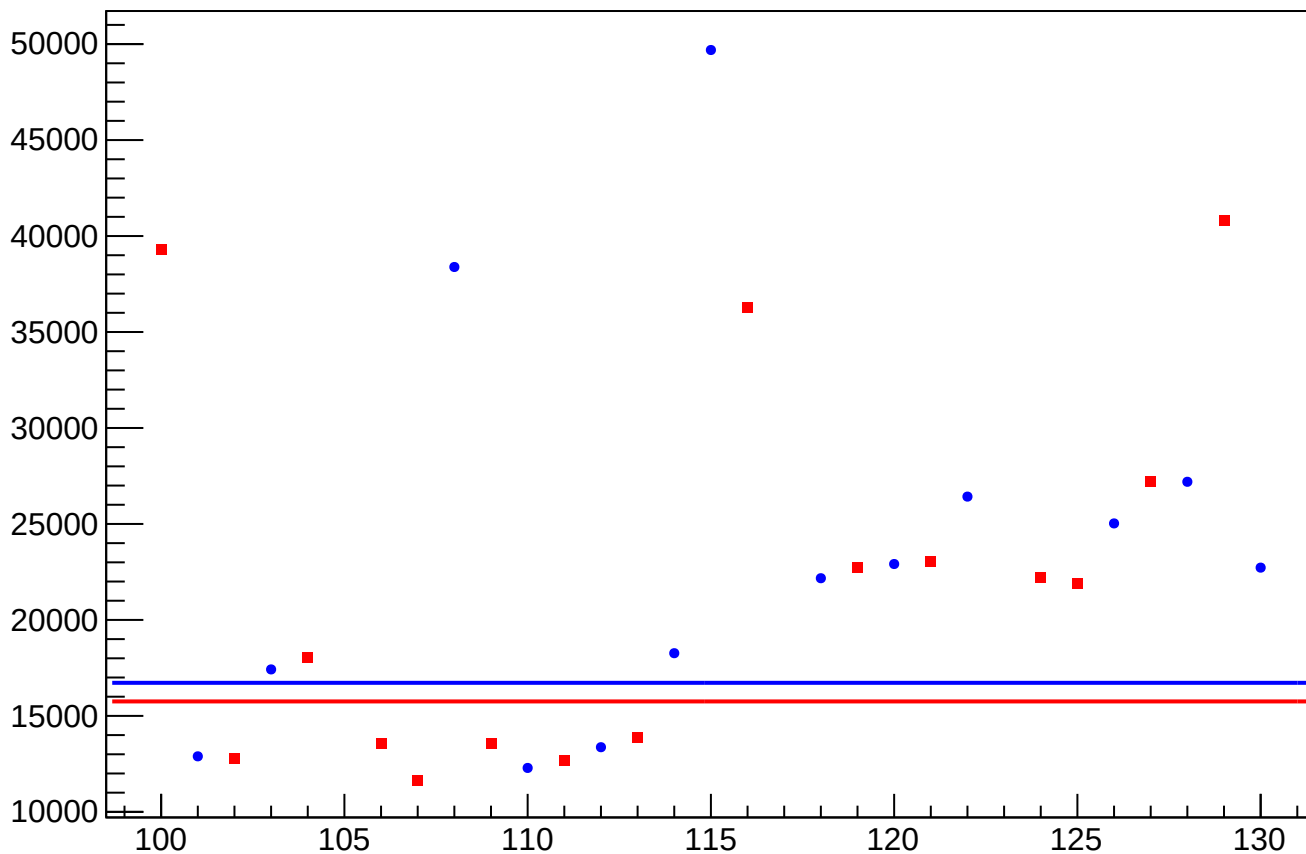
Right: 2.406+/-5.372 χ^2/NDF : 35.4/27

In: 2.044+/-8.067 χ^2/NDF : 14.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.406+/-5.372 χ^2/NDF : 35.4/27

asym_bcm_an_diff_rms vs Slug, Sign Corrected



Right In: 16723.236+/-5.704 χ^2/NDF : 938812.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15753.541+/-5.092 χ^2/NDF : 1025121.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

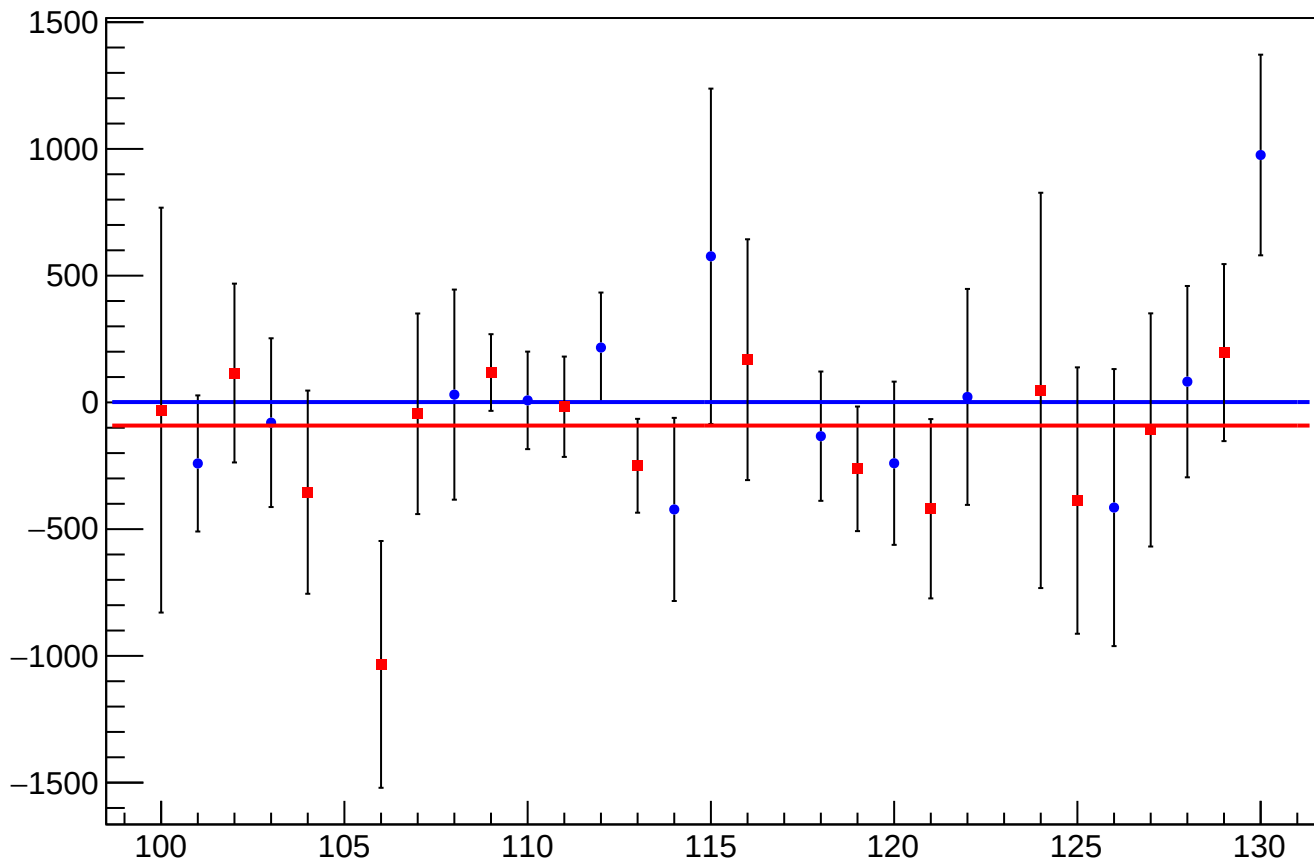
Right: 16183.581+/-3.798 χ^2/NDF : 1980018.6/27

In: 16723.236+/-5.704 χ^2/NDF : 938812.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16183.581+/-3.798 χ^2/NDF : 1980018.6/27

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 1.331+/-86.321 χ^2/NDF : 11.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -91.379+/-76.239 χ^2/NDF : 10.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

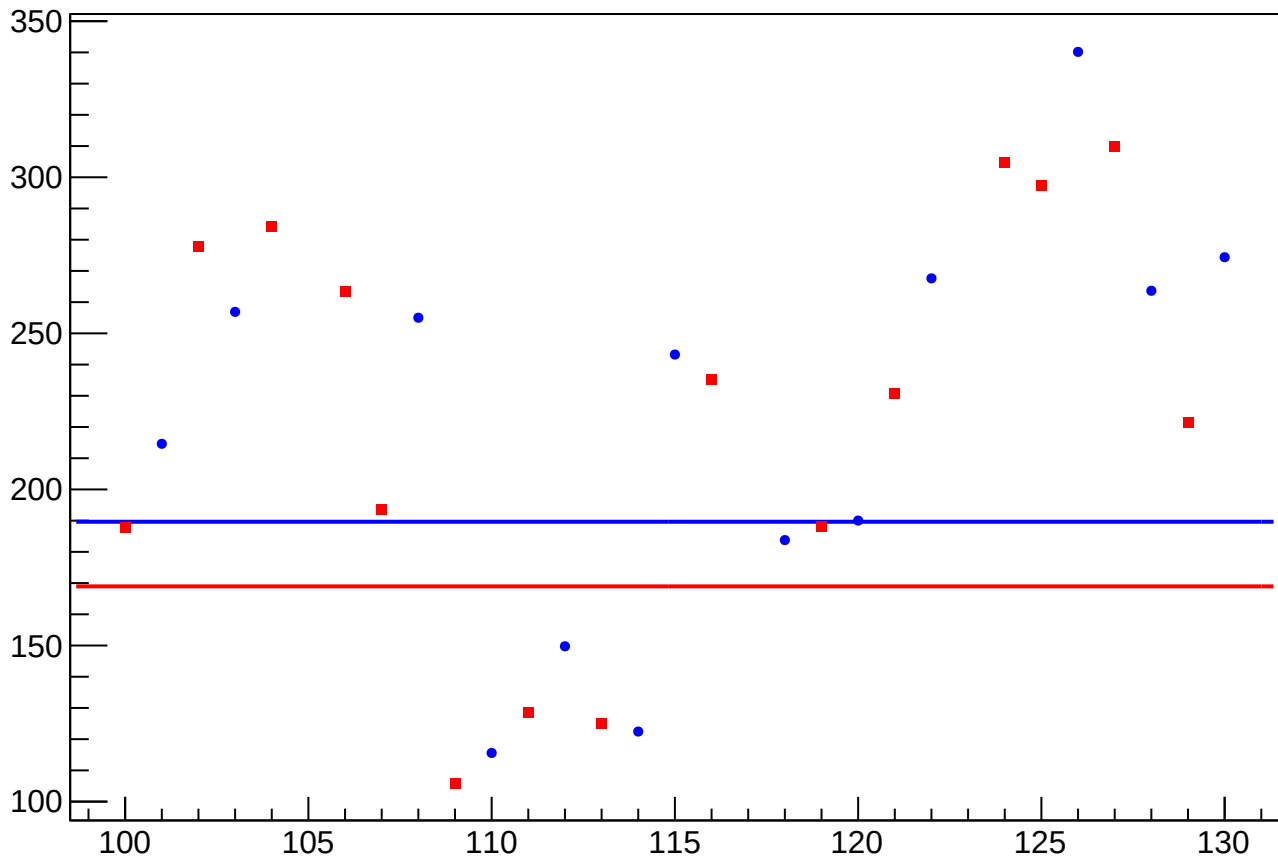
Right: -50.752+/-57.143 χ^2/NDF : 22.2/27

In: 1.331+/-86.321 χ^2/NDF : 11.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.752+/-57.143 χ^2/NDF : 22.2/27

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 189.650+/-0.061 χ^2/NDF : 983308.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 168.948+/-0.054 χ^2/NDF : 1509915.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

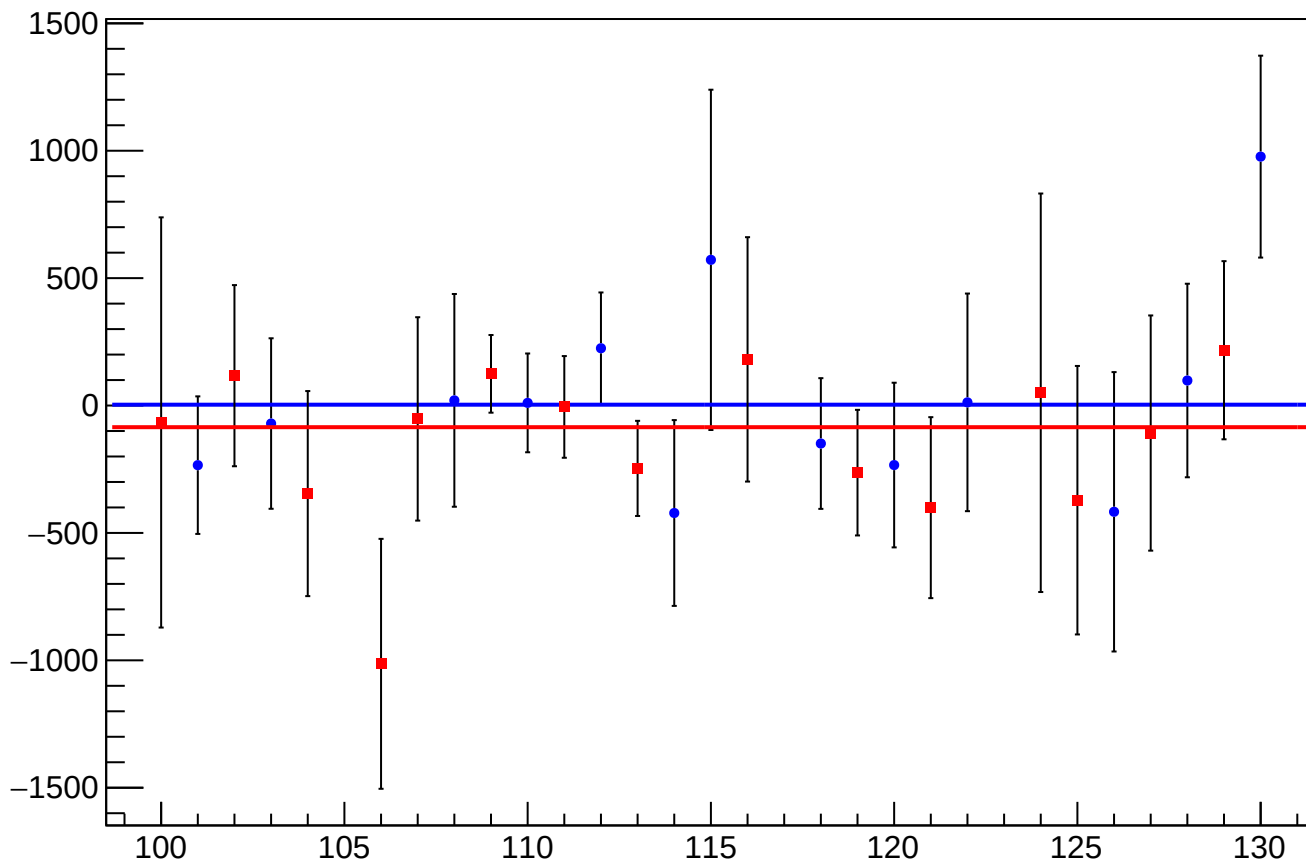
Right: 178.020+/-0.040 χ^2/NDF : 2557846.7/27

In: 189.650+/-0.061 χ^2/NDF :983308.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 178.020+/-0.040 χ^2/NDF : 2557846.7/27

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 3.305+/-86.863 χ^2/NDF : 11.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -84.970+/-76.748 χ^2/NDF : 9.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

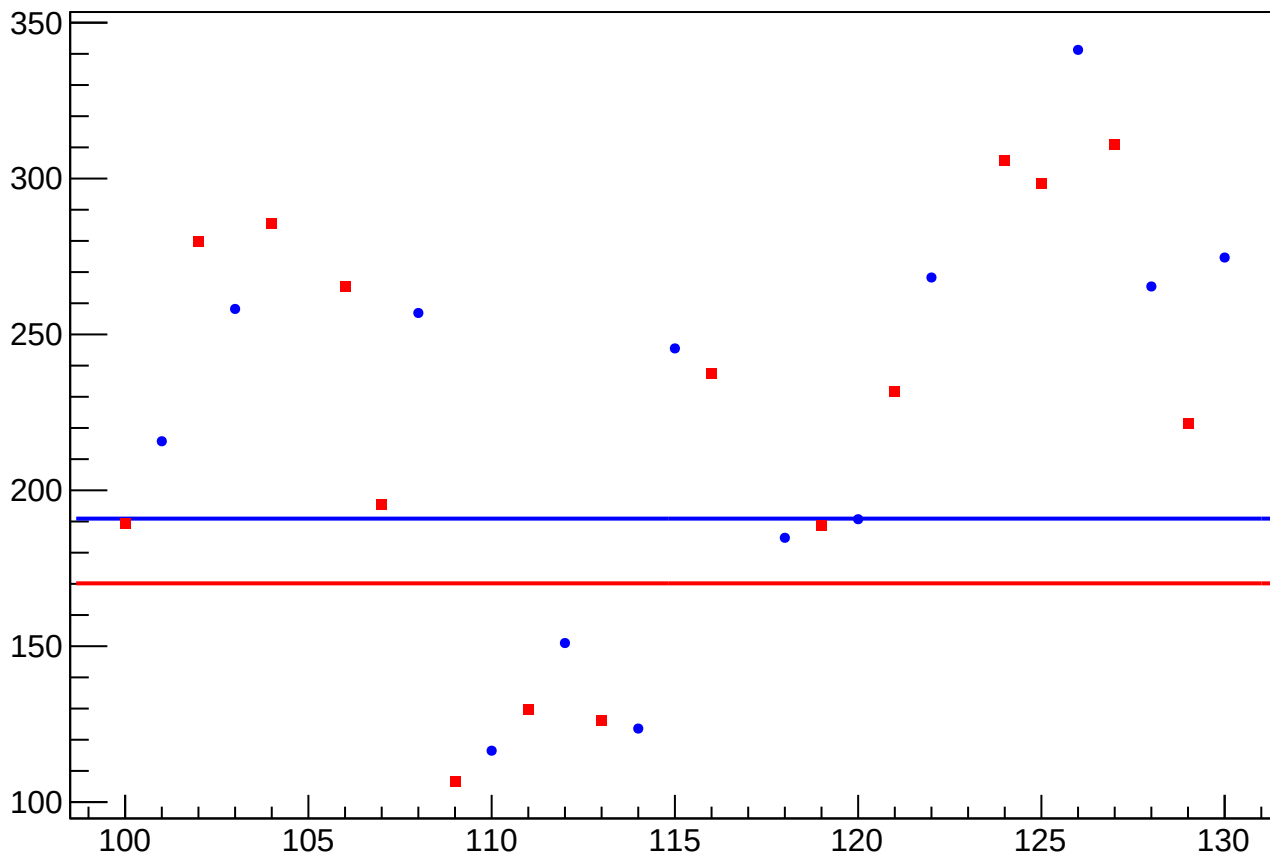
Right: -46.269+/-57.514 χ^2/NDF : 21.9/27

In: 3.305+/-86.863 χ^2/NDF : 11.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -46.269+/-57.514 χ^2/NDF : 21.9/27

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 190.927+/-0.061 χ^2/NDF : 974004.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 170.161+/-0.054 χ^2/NDF : 1499147.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

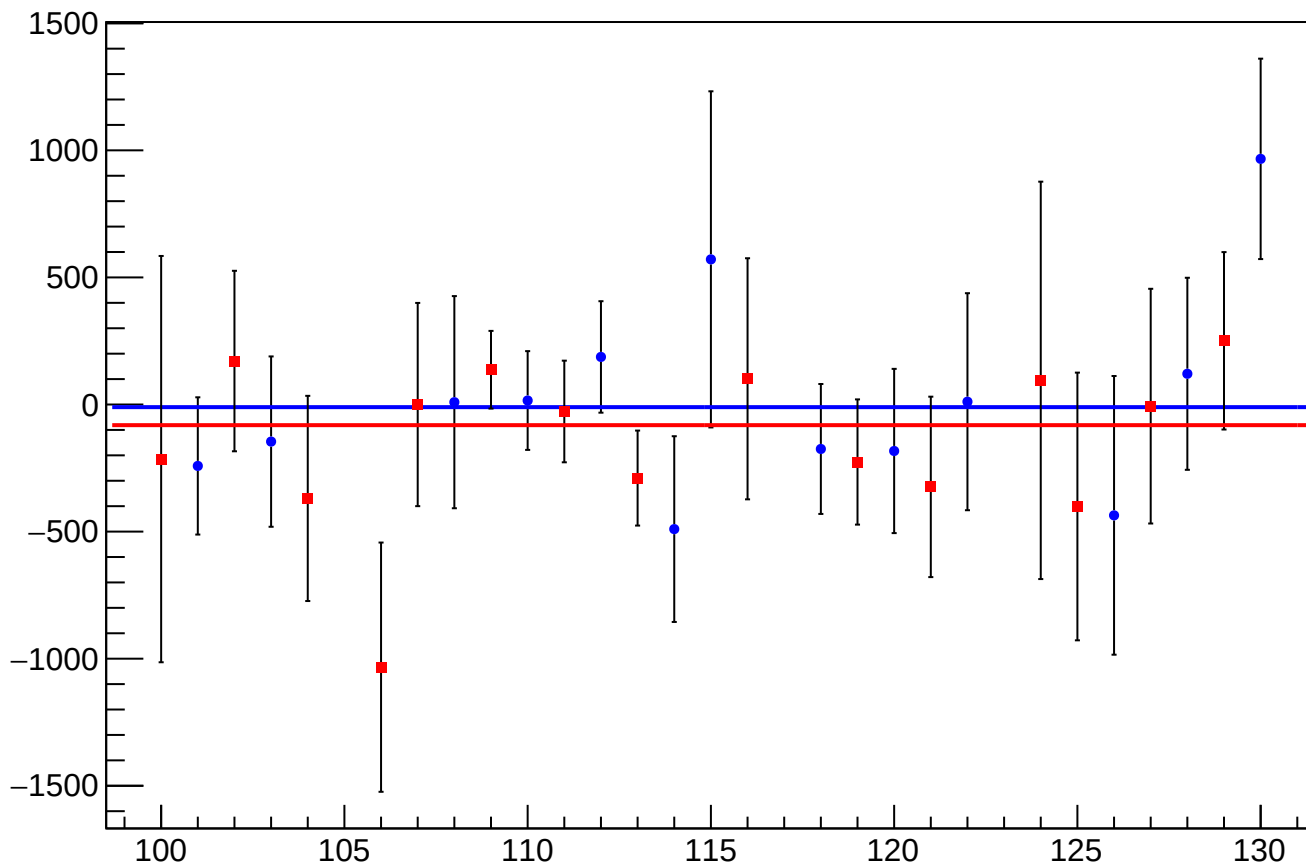
Right: 179.265+/-0.041 χ^2/NDF : 2537346.0/27

In: 190.927+/-0.061 χ^2/NDF :974004.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 179.265+/-0.041 χ^2/NDF : 2537346.0/27

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: -10.353 ± 86.850 χ^2/NDF : 11.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -81.248 ± 76.804 χ^2/NDF : 10.5/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

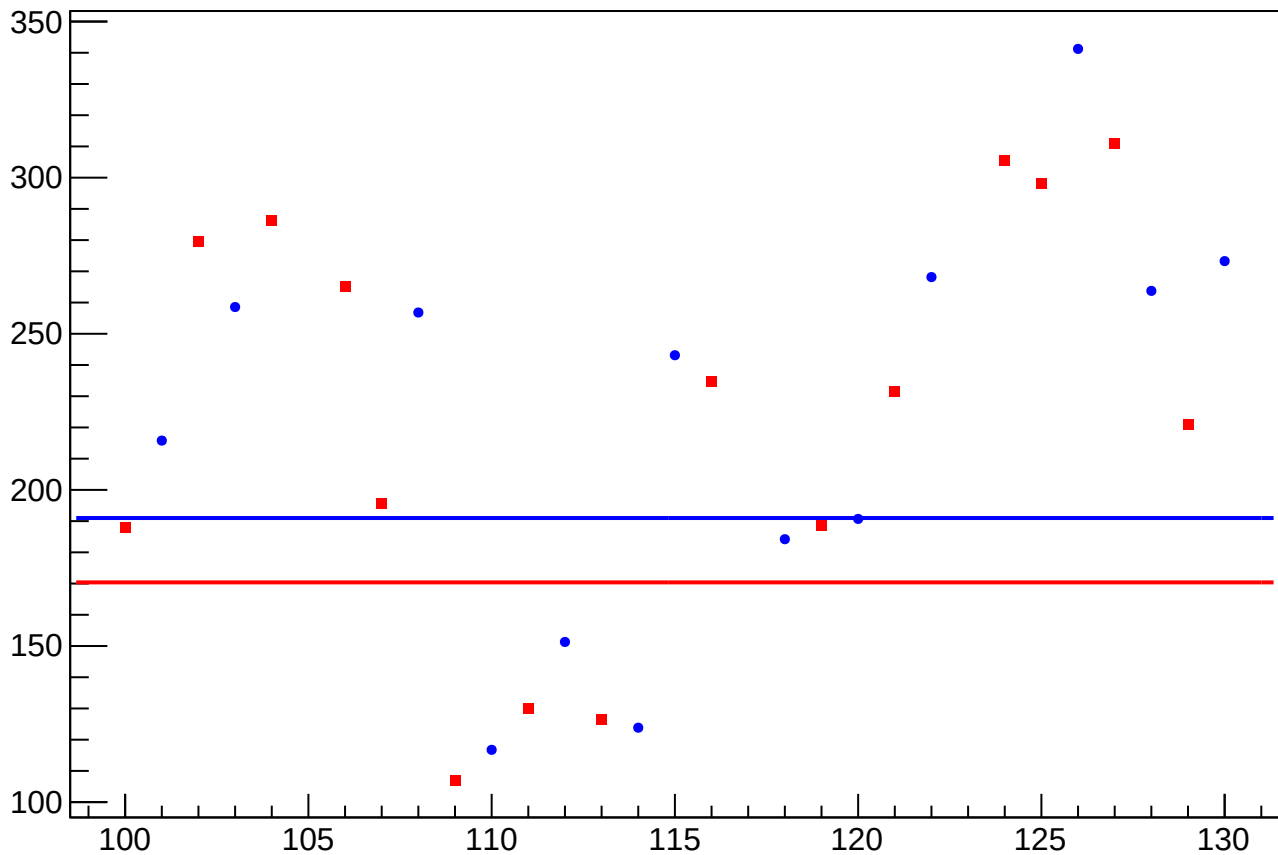
Right: -50.136 ± 57.534 χ^2/NDF : 22.7/27

In: -10.353 ± 86.850 χ^2/NDF : 11.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -50.136 ± 57.534 χ^2/NDF : 22.7/27

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 190.991+/-0.061 χ^2/NDF : 963731.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 170.376+/-0.054 χ^2/NDF : 1488950.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

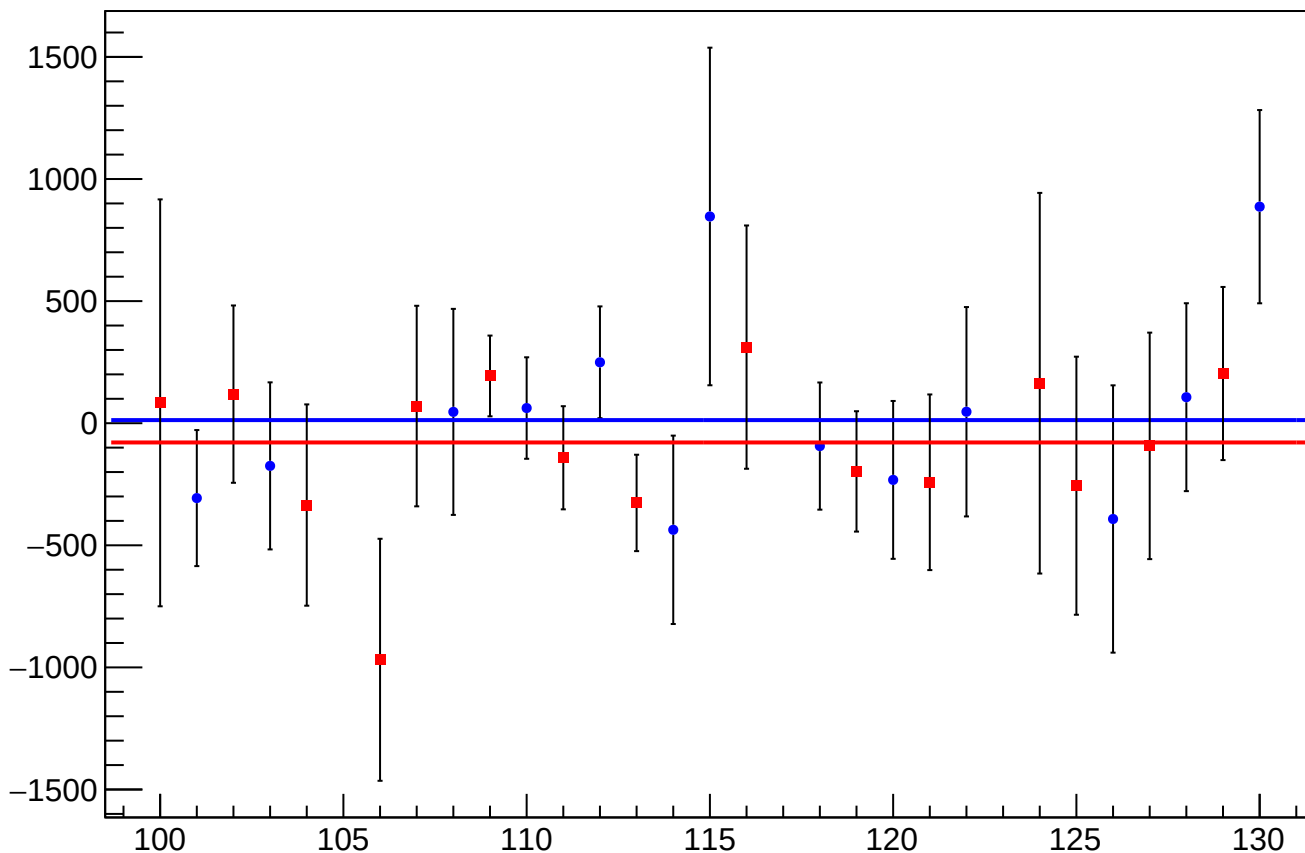
Right: 179.423+/-0.041 χ^2/NDF : 2515914.4/27

In: 190.991+/-0.061 χ^2/NDF :963731.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 179.423+/-0.041 χ^2/NDF : 2515914.4/27

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 12.732 $\pm$ 89.677 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -78.838 $\pm$ 80.159 χ^2 /NDF: 10.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

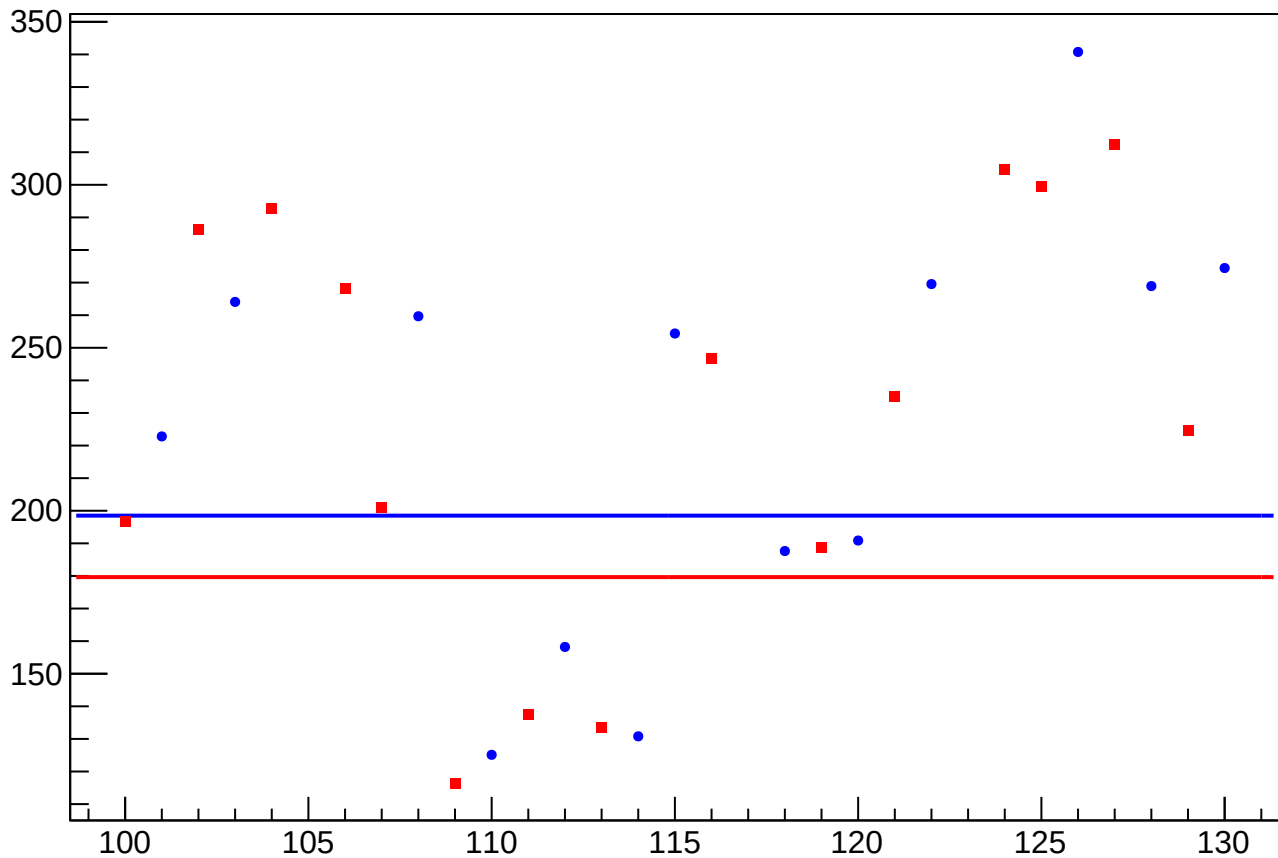
Right: -38.169 $\pm$ 59.763 χ^2 /NDF: 22.7/27

In: 12.732 $\pm$ 89.677 χ^2 /NDF:11.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -38.169 $\pm$ 59.763 χ^2 /NDF: 22.7/27

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 198.501+/-0.063 χ^2/NDF : 852147.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 179.641+/-0.057 χ^2/NDF : 1310511.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

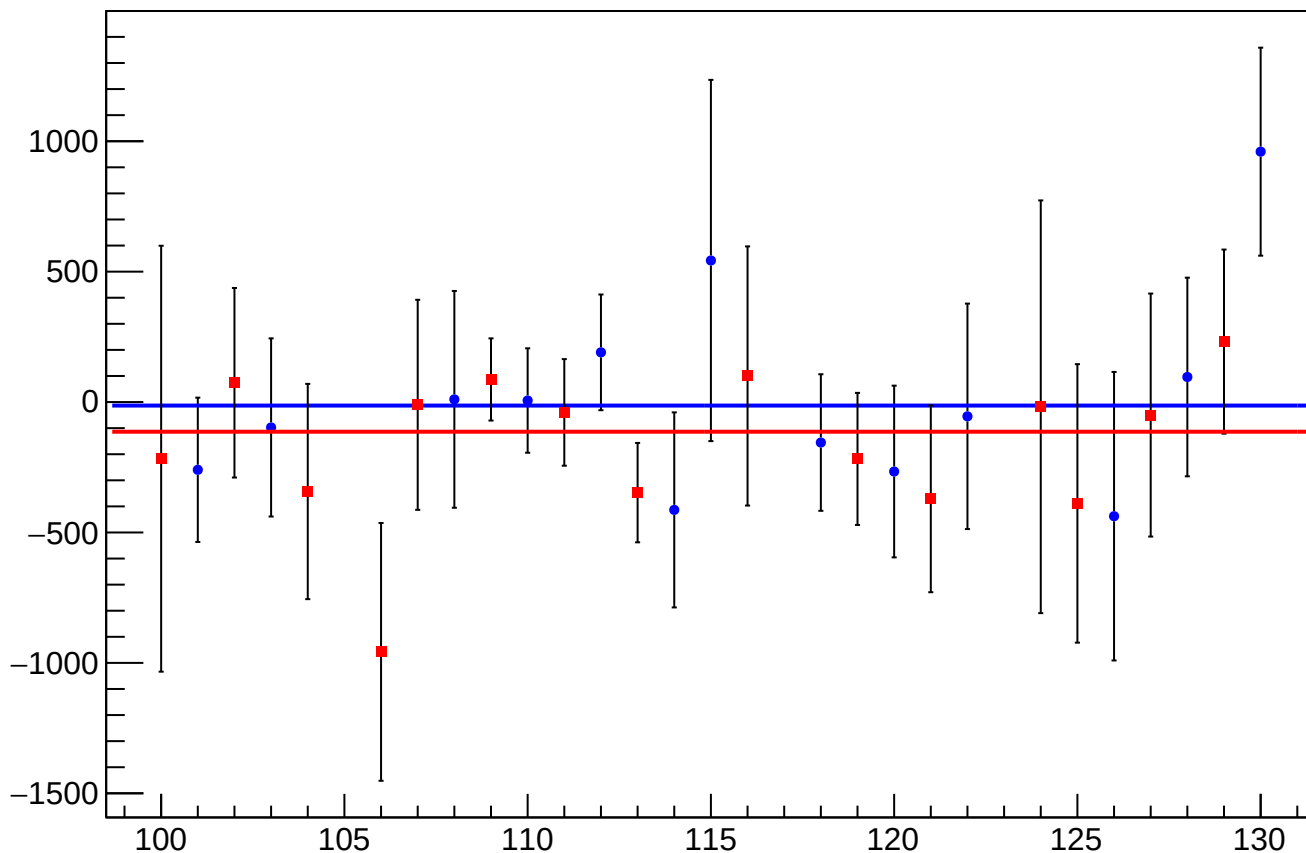
Right: 188.017+/-0.042 χ^2/NDF : 2211833.8/27

In: 198.501+/-0.063 χ^2/NDF :852147.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 188.017+/-0.042 χ^2/NDF : 2211833.8/27

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: -13.445 ± 88.537 $\chi^2/\text{NDF}: 11.0/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -113.699 ± 78.521 $\chi^2/\text{NDF}: 9.0/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

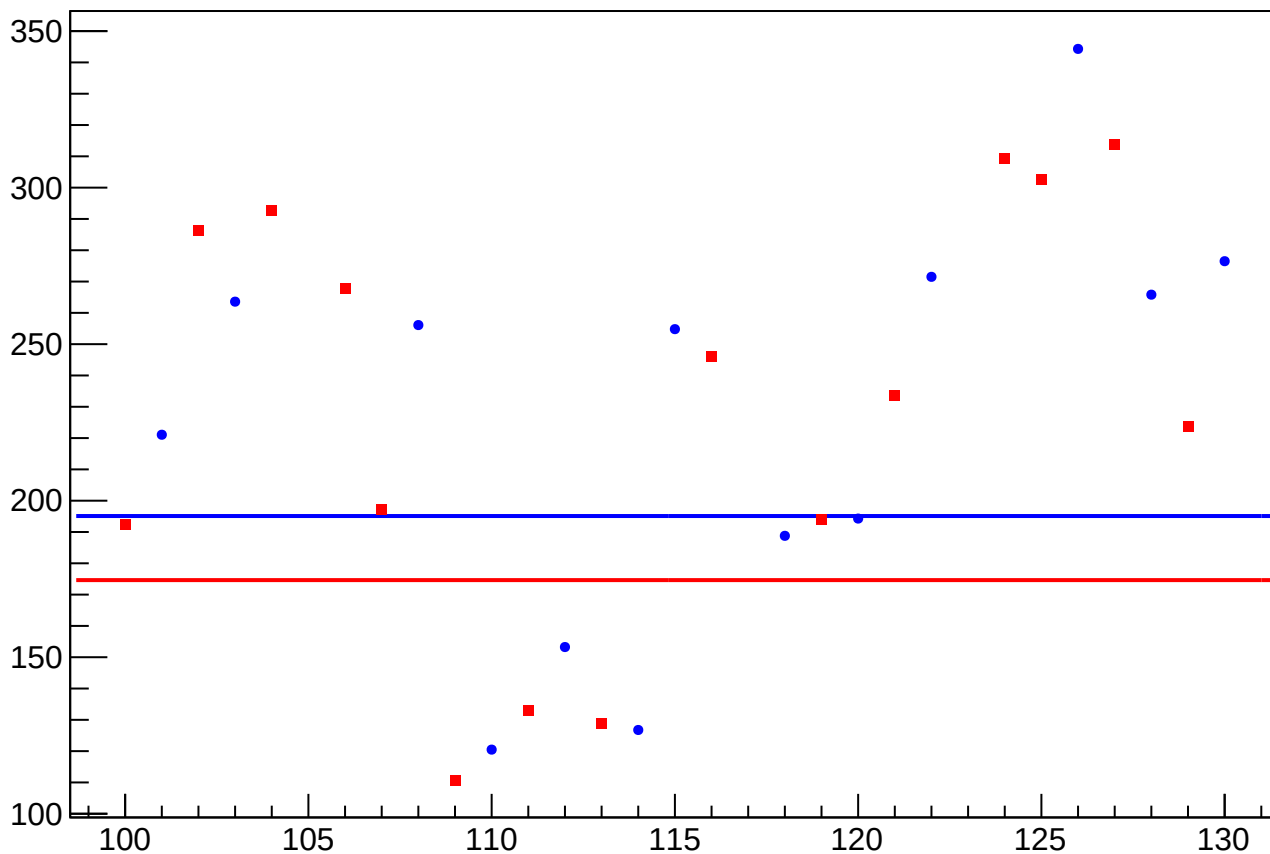
Right: -69.562 ± 58.746 $\chi^2/\text{NDF}: 20.7/27$

In: -13.445 ± 88.537 $\chi^2/\text{NDF}: 11.0/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -69.562 ± 58.746 $\chi^2/\text{NDF}: 20.7/27$

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 195.102+/-0.063 χ^2/NDF : 933326.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.632+/-0.056 χ^2/NDF : 1456579.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

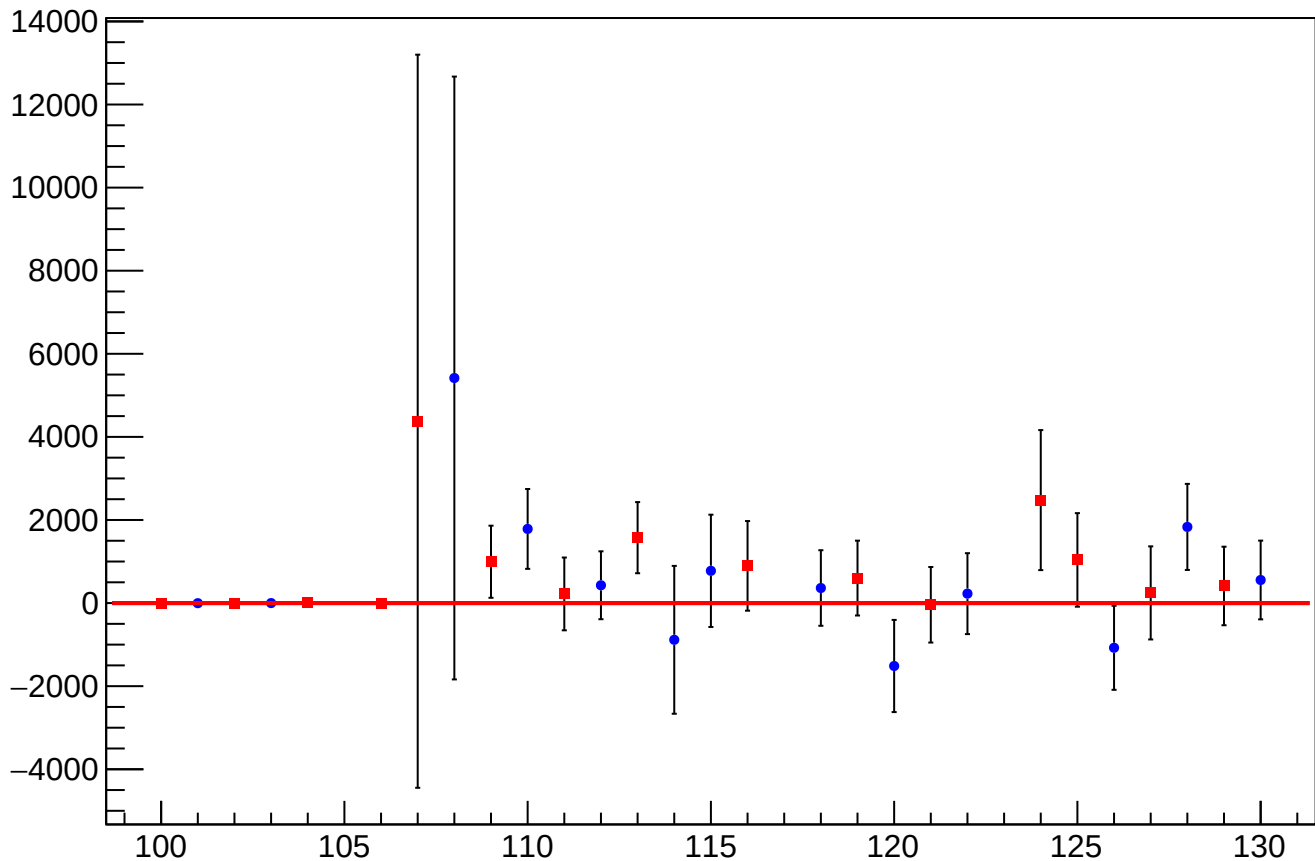
Right: 183.644+/-0.042 χ^2/NDF : 2449748.0/27

In: 195.102+/-0.063 χ^2/NDF : 933326.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.644+/-0.042 χ^2/NDF : 2449748.0/27

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.201+/-2.171 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.394+/-2.022 χ^2/NDF : 14.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

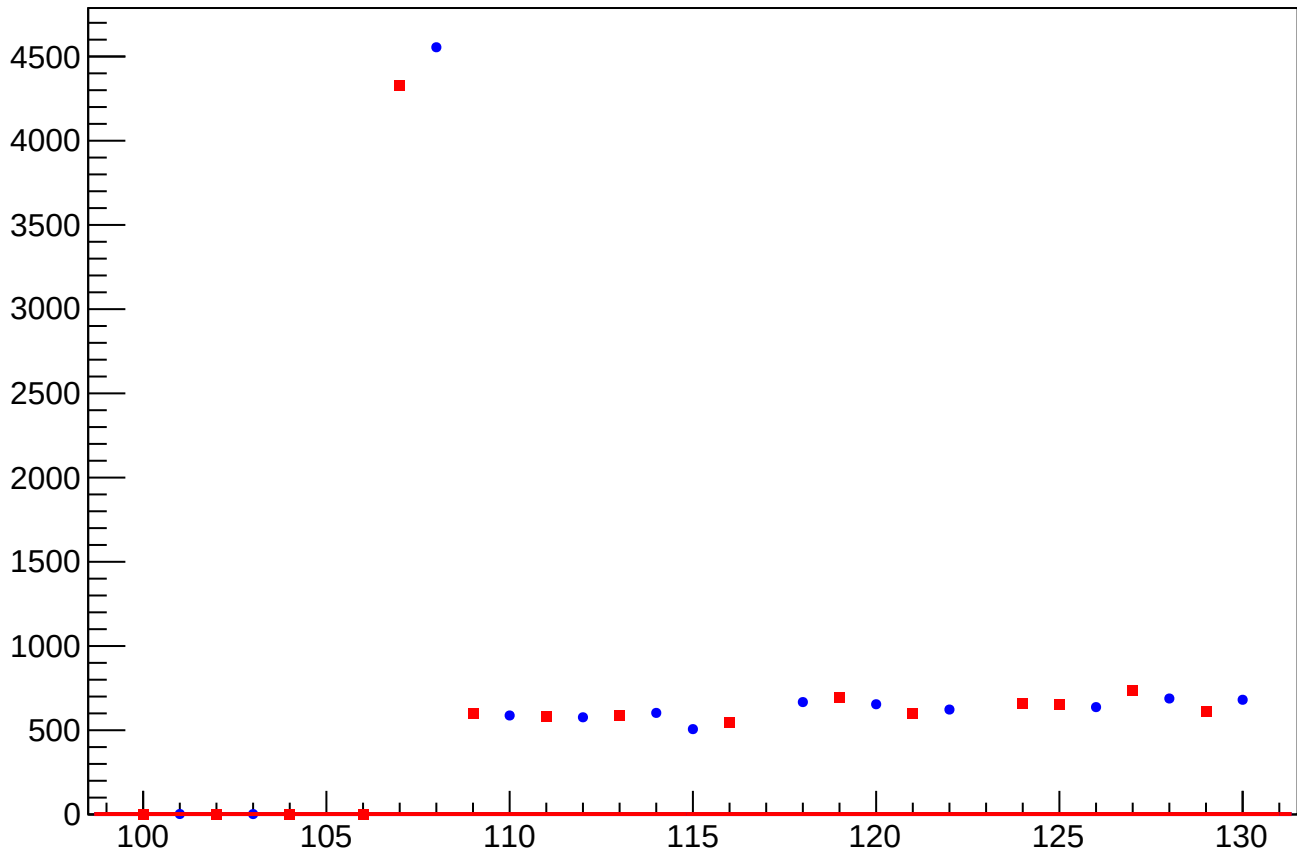
Right: 0.188+/-1.480 χ^2/NDF : 27.3/27

In: -1.201+/-2.171 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.188+/-1.480 χ^2/NDF : 27.3/27

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.458+/-0.002 χ^2/NDF : 8299830.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.449+/-0.001 χ^2/NDF : 8463707.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

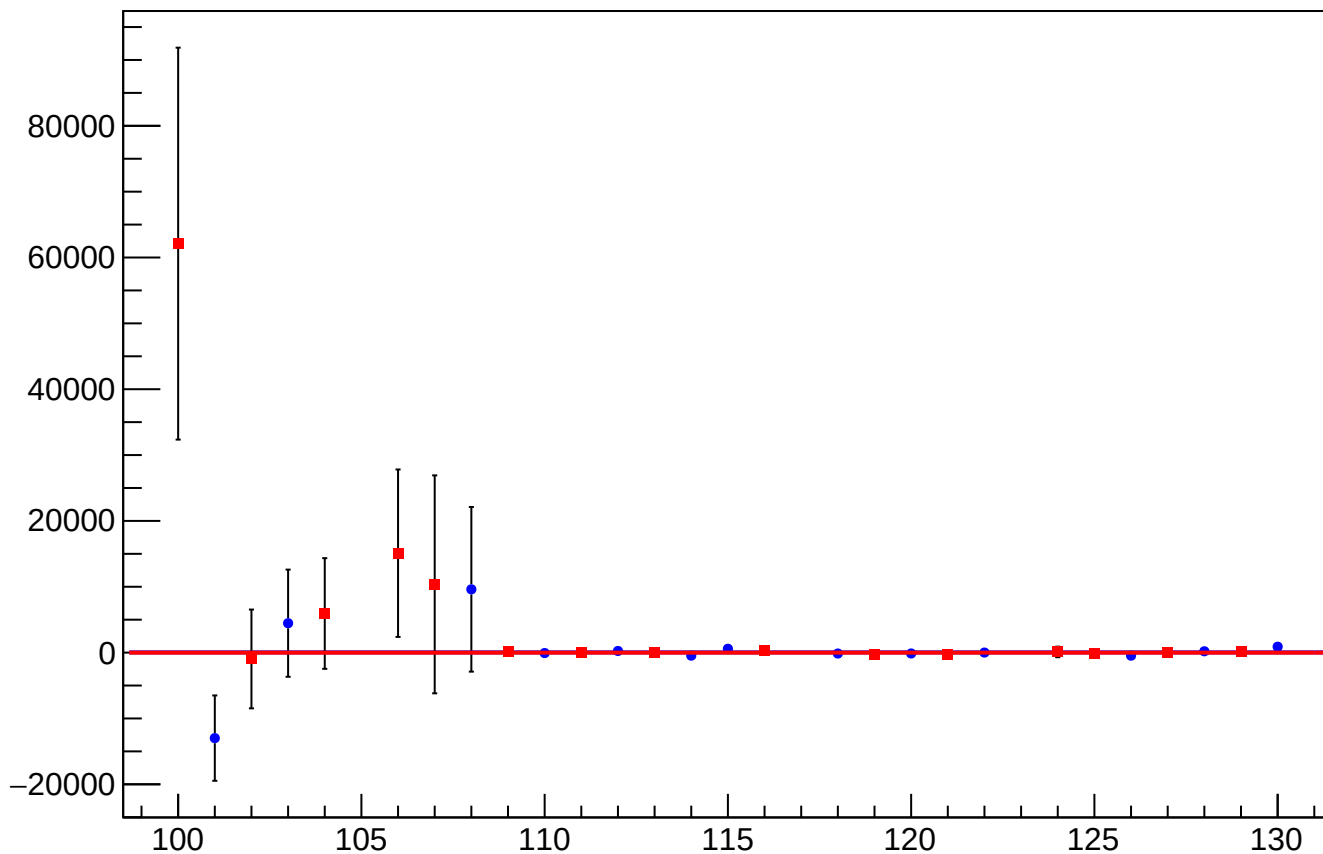
Right: 2.453+/-0.001 χ^2/NDF : 16763557.1/27

In: 2.458+/-0.002 χ^2/NDF : 8299830.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.453+/-0.001 χ^2/NDF : 16763557.1/27

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 34.398+/-102.536 χ^2/NDF : 14.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.130+/-94.931 χ^2/NDF : 11.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

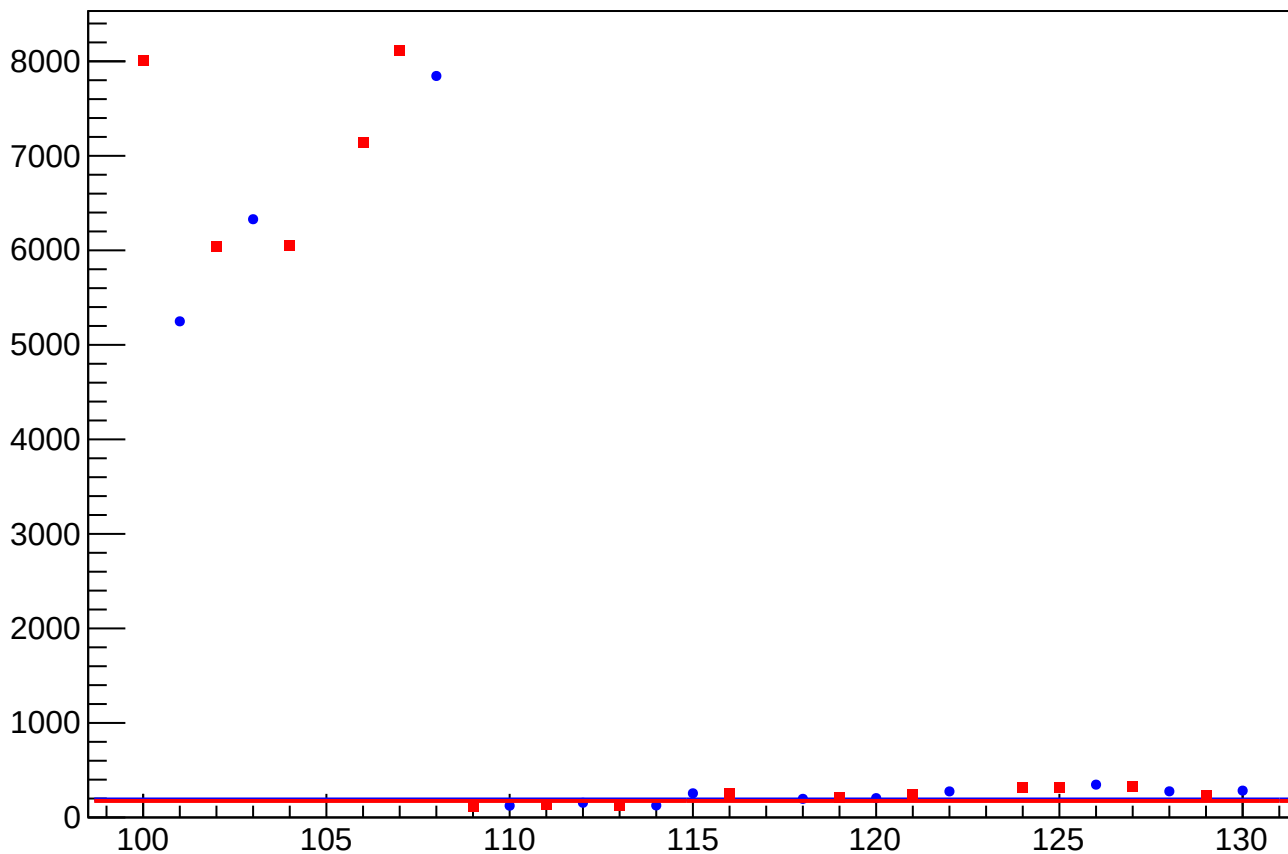
Right: 12.575+/-69.660 χ^2/NDF : 25.8/27

In: 34.398+/-102.536 χ^2/NDF : 14.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.575+/-69.660 χ^2/NDF : 25.8/27

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 190.037+/-0.073 χ^2/NDF : 3870202.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.766+/-0.067 χ^2/NDF : 4270105.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

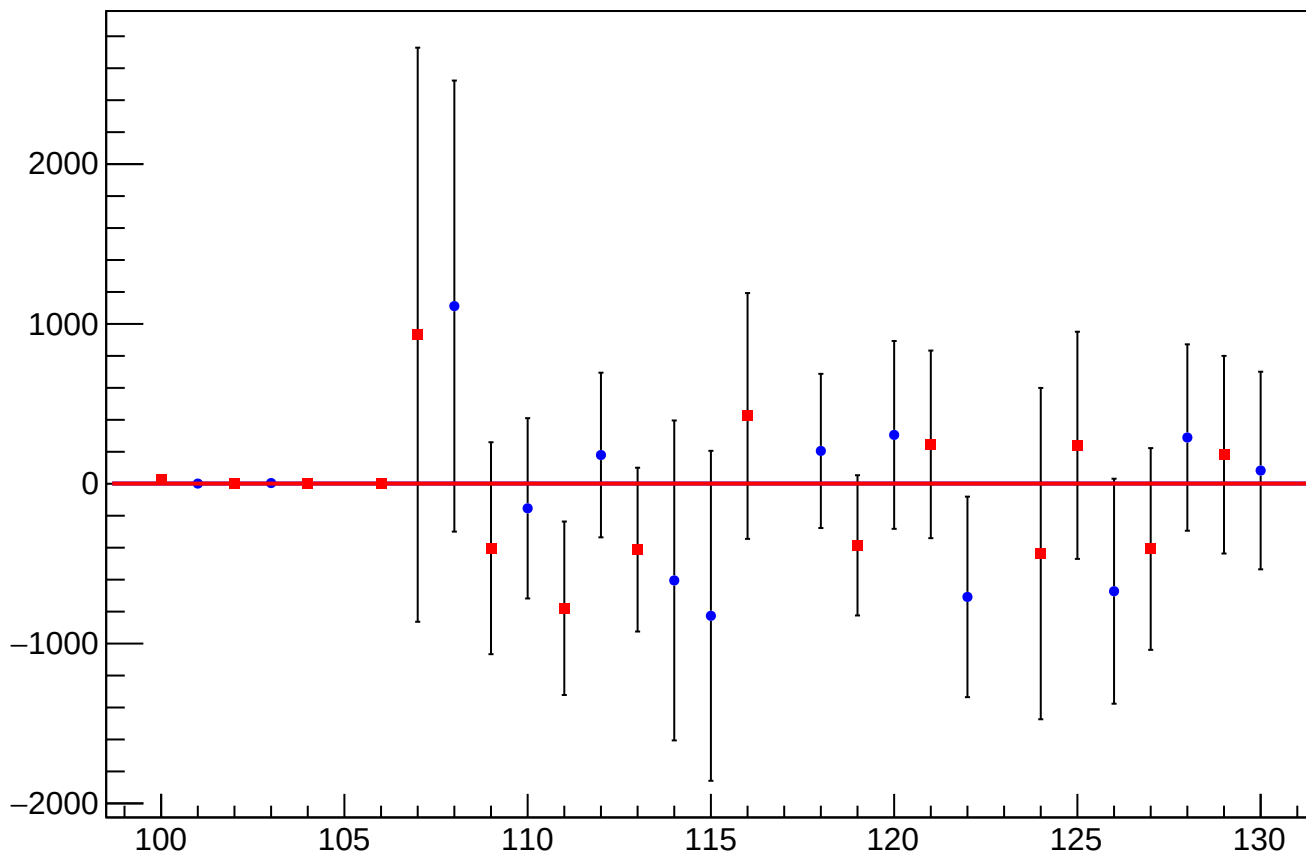
Right: 181.815+/-0.049 χ^2/NDF : 8164194.7/27

In: 190.037+/-0.073 χ^2/NDF : 3870202.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.815+/-0.049 χ^2/NDF : 8164194.7/27

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: 1.441+/-1.660 χ^2/NDF : 5.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.099+/-1.528 χ^2/NDF : 7.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

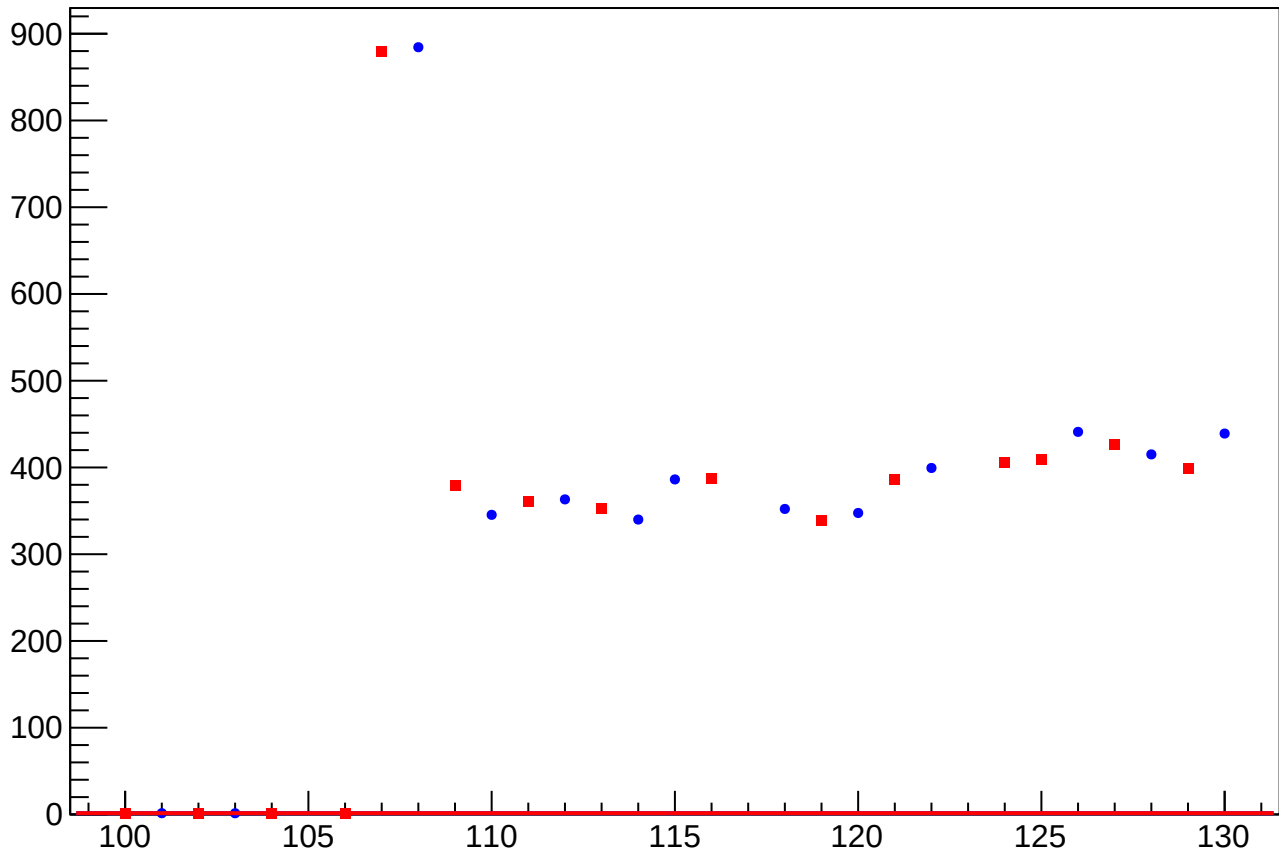
Right: 1.256+/-1.124 χ^2/NDF : 13.1/27

In: 1.441+/-1.660 χ^2/NDF : 5.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.256+/-1.124 χ^2/NDF : 13.1/27

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.458+/-0.001 χ^2/NDF : 8365271.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.458+/-0.001 χ^2/NDF : 8180578.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

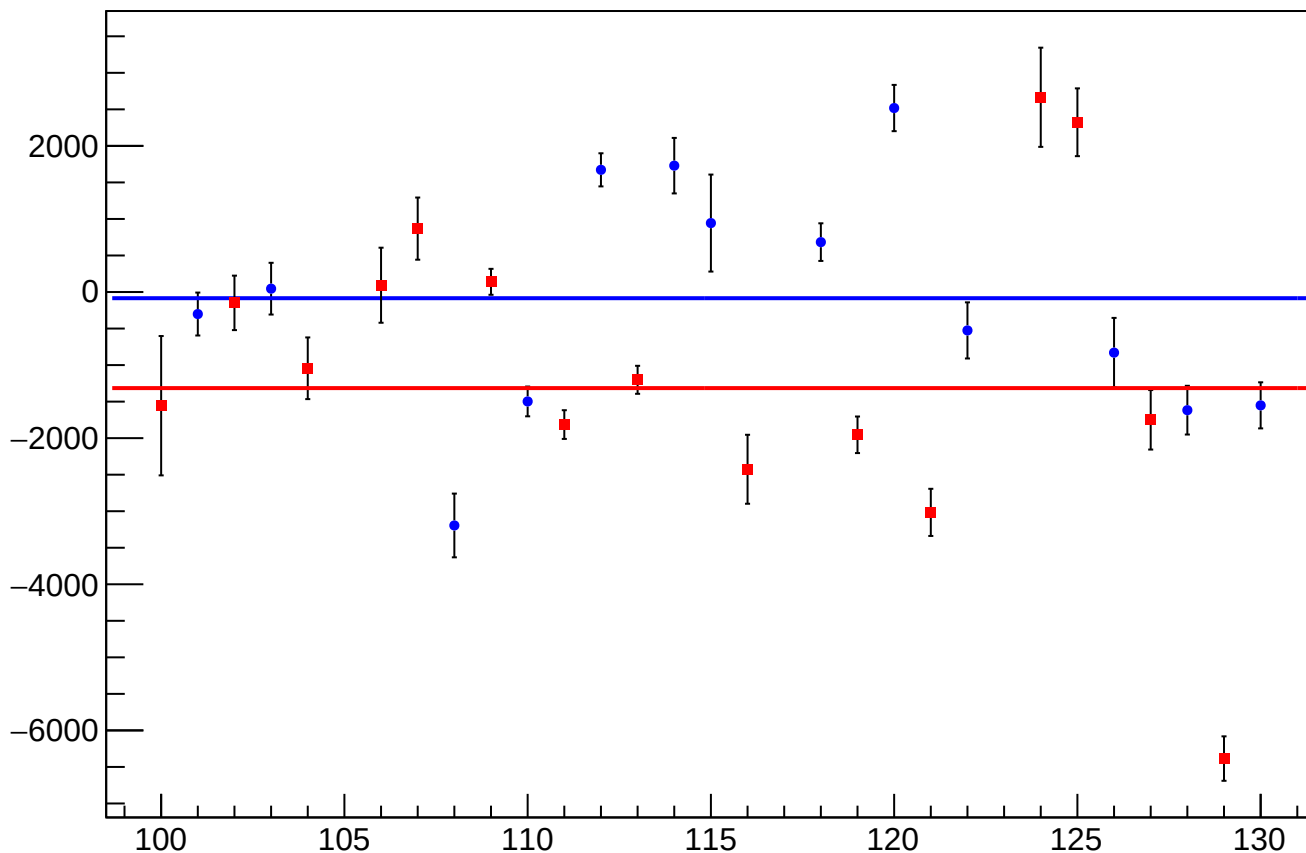
Right: 1.458+/-0.001 χ^2/NDF : 16545849.9/27

In: 1.458+/-0.001 χ^2/NDF :8365271.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.458+/-0.001 χ^2/NDF : 16545849.9/27

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: -84.538+/-86.757 χ^2/NDF : 307.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1315.046+/-78.614 χ^2/NDF : 532.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

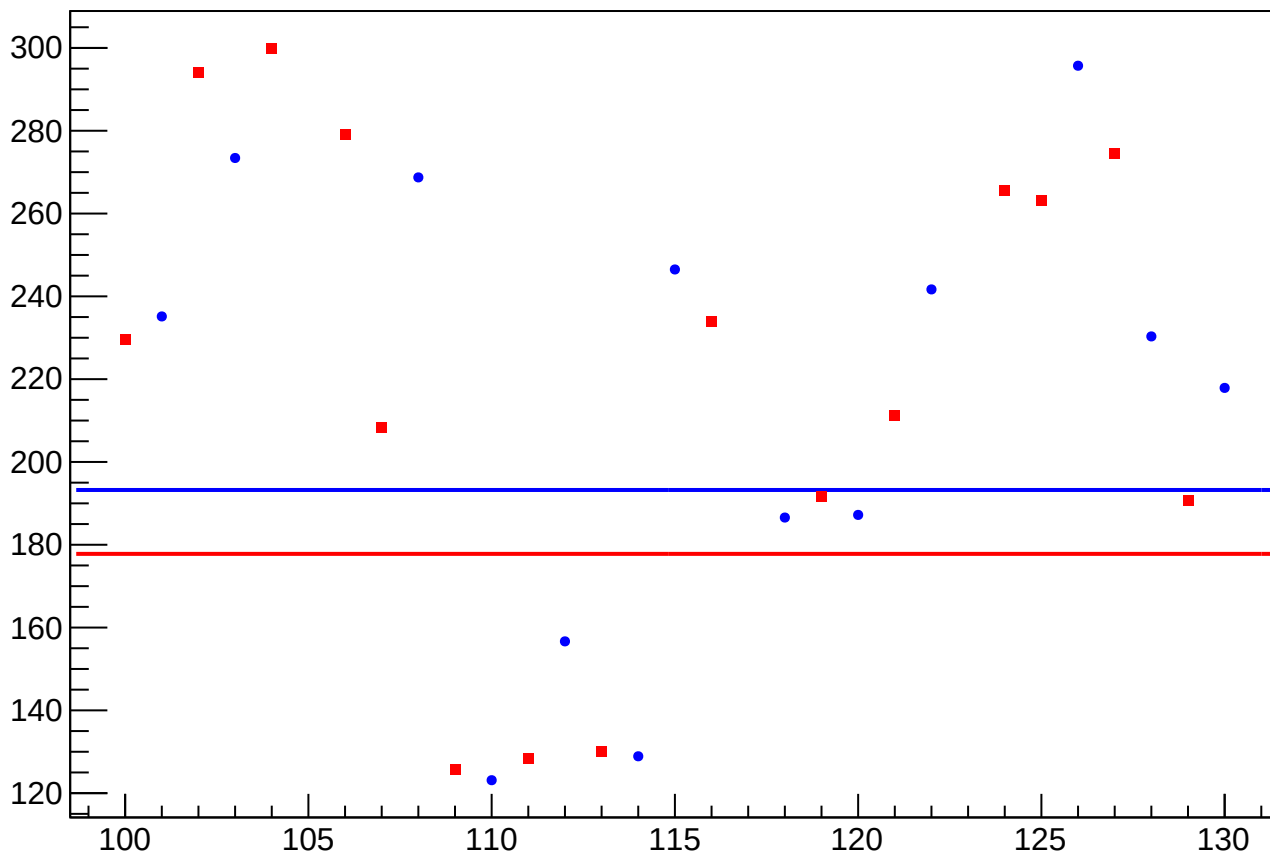
Right: -760.240+/-58.255 χ^2/NDF : 951.1/27

In: -84.538+/-86.757 χ^2/NDF :307.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -760.240+/-58.255 χ^2/NDF : 951.1/27

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 193.231+/-0.061 χ^2/NDF : 725856.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 177.798+/-0.056 χ^2/NDF : 1152988.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

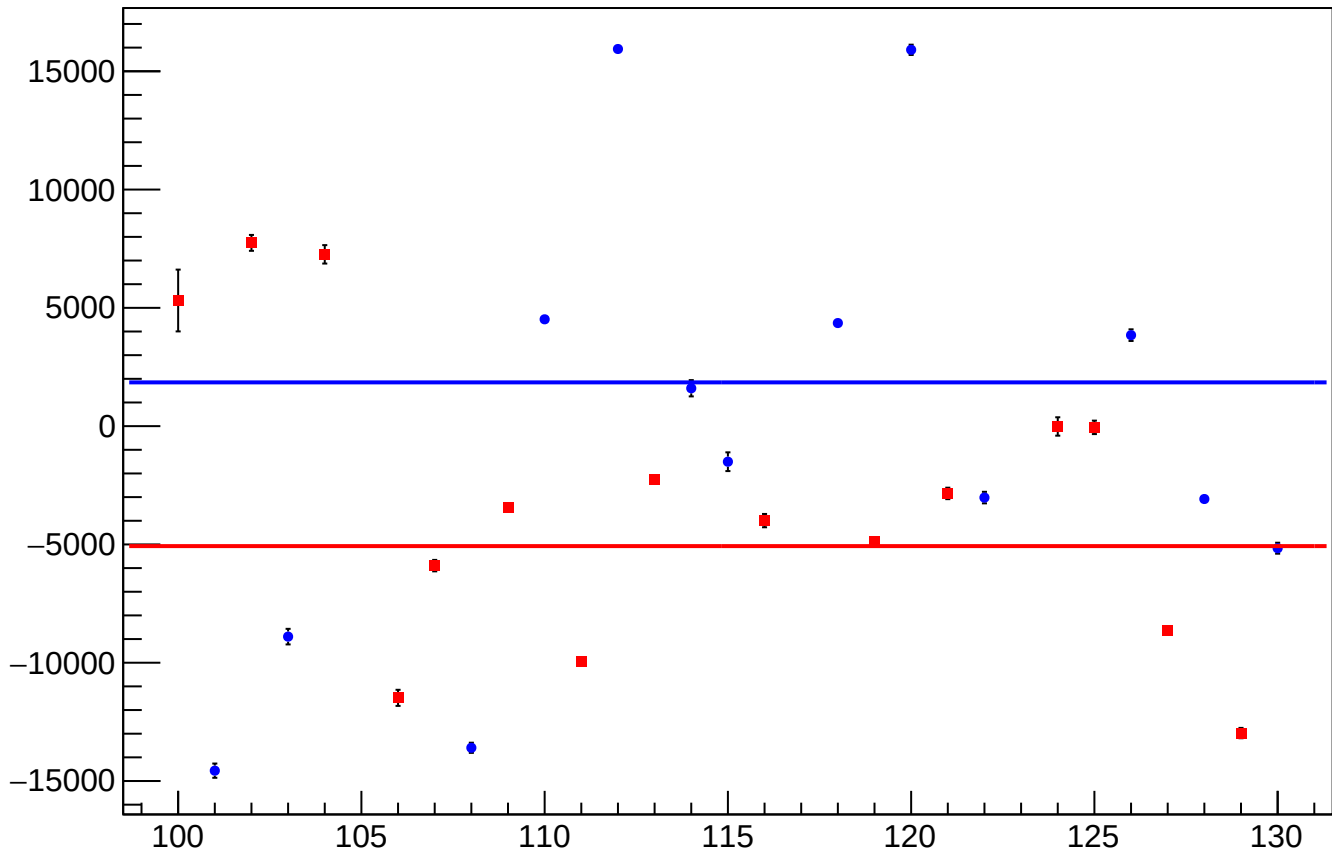
Right: 184.757+/-0.041 χ^2/NDF : 1913597.6/27

In: 193.231+/-0.061 χ^2/NDF : 725856.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.757+/-0.041 χ^2/NDF : 1913597.6/27

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 1849.663+/-62.303 χ^2/NDF : 22516.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -5070.736+/-59.122 χ^2/NDF : 6467.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

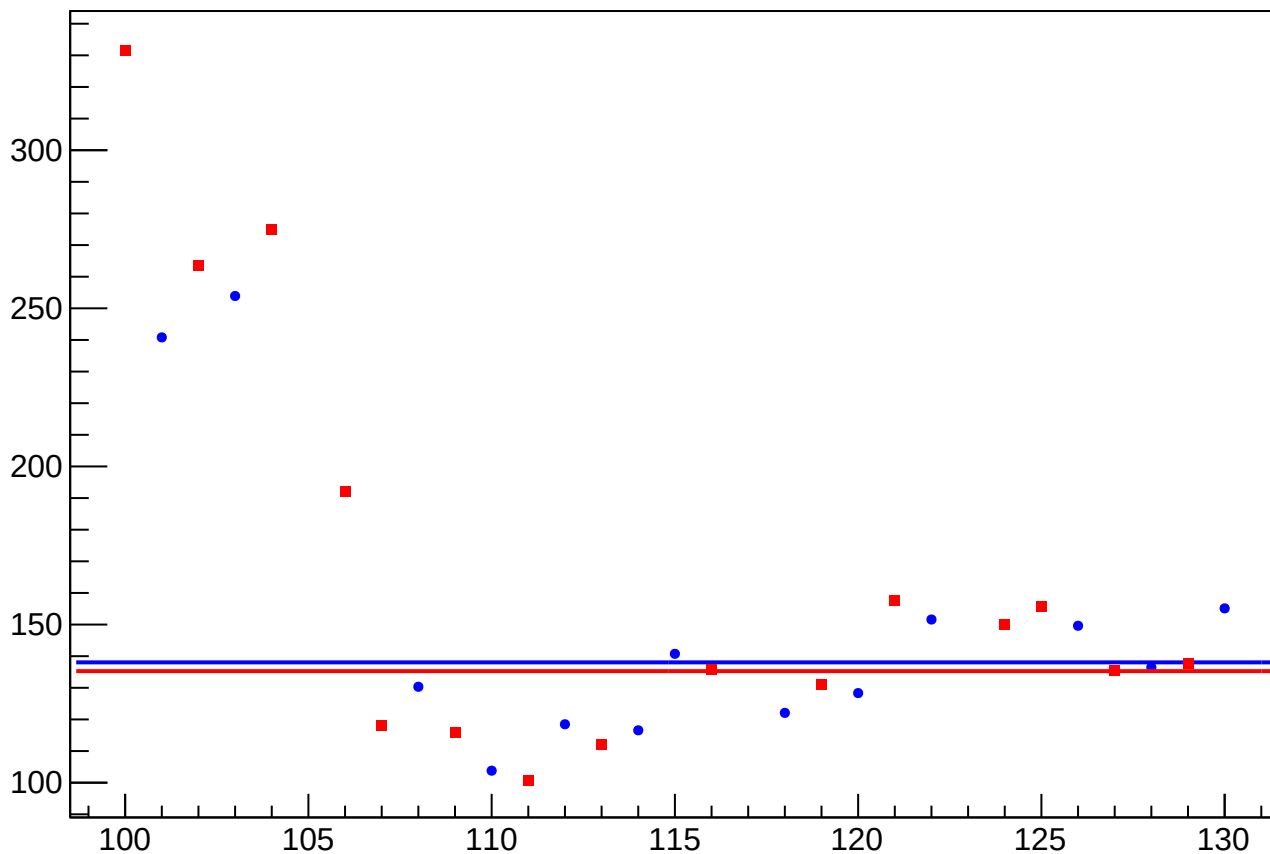
Right: -1791.740+/-42.886 χ^2/NDF : 35475.9/27

In: 1849.663+/-62.303 χ^2/NDF :22516.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1791.740+/-42.886 χ^2/NDF : 35475.9/27

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 138.048+/-0.044 χ^2/NDF : 637972.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.272+/-0.042 χ^2/NDF : 857550.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

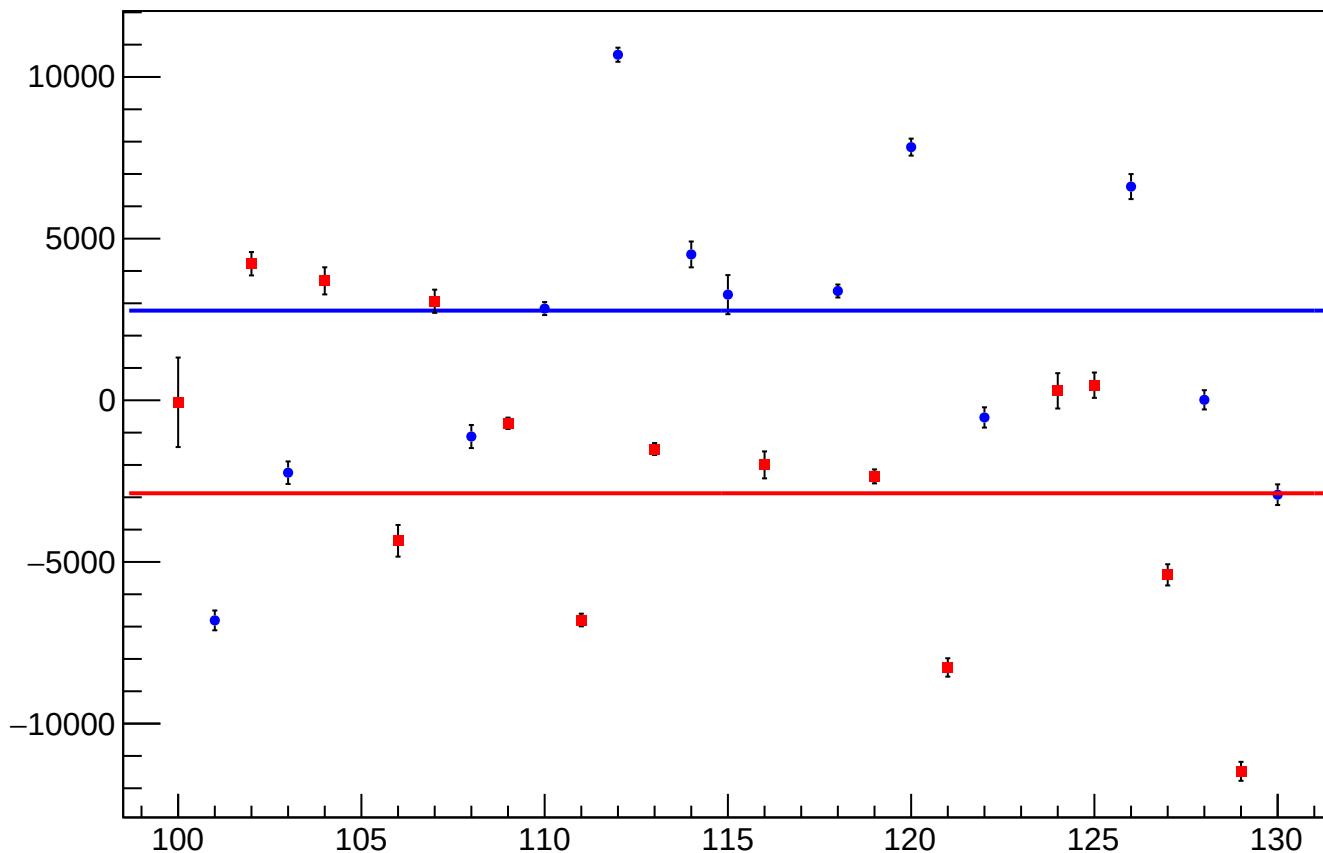
Right: 136.587+/-0.030 χ^2/NDF : 1497611.9/27

In: 138.048+/-0.044 χ^2/NDF : 637972.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.587+/-0.030 χ^2/NDF : 1497611.9/27

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 2773.738+/-79.378 χ^2/NDF : 3629.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2875.984+/-73.790 χ^2/NDF : 2918.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

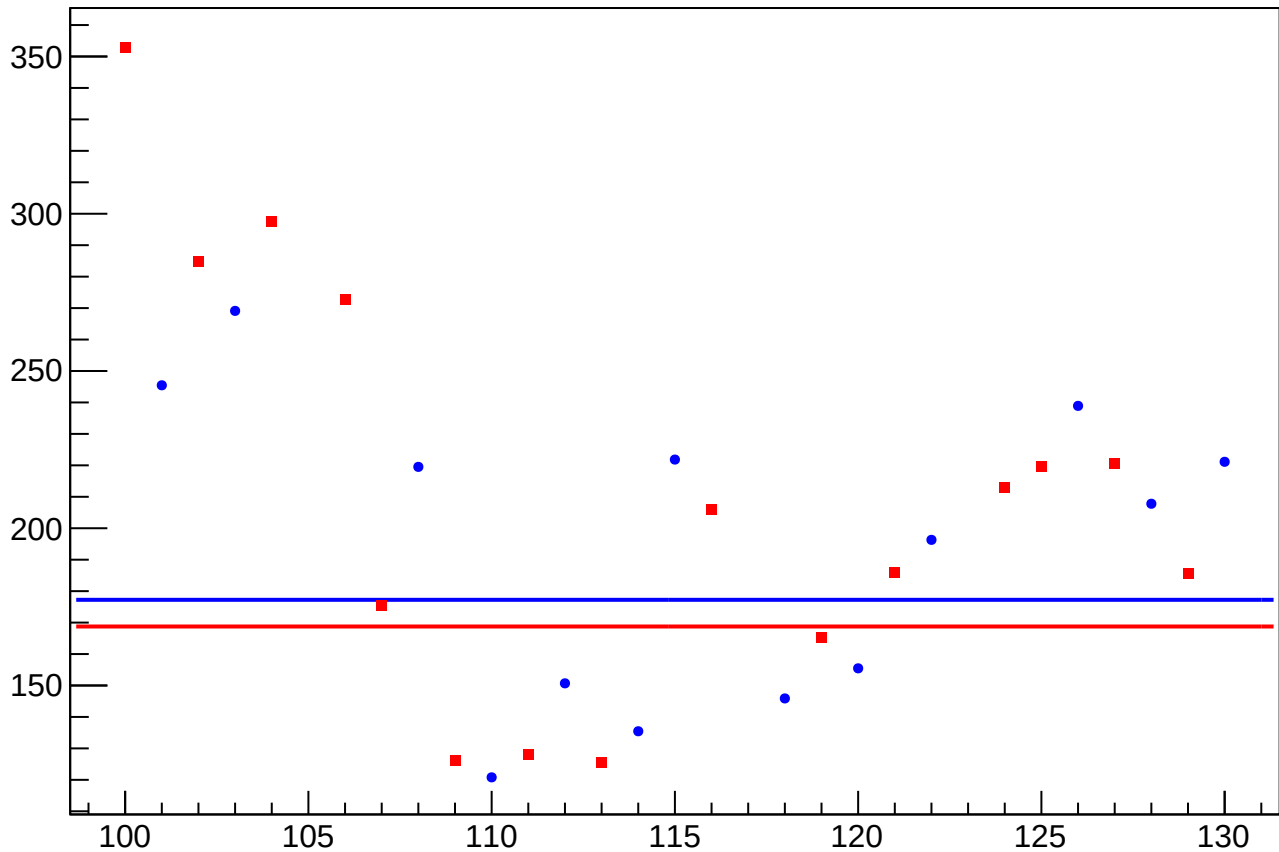
Right: -256.977+/-54.045 χ^2/NDF : 9266.3/27

In: 2773.738+/-79.378 χ^2/NDF :3629.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -256.977+/-54.045 χ^2/NDF : 9266.3/27

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 177.244 ± 0.056 χ^2/NDF : 666115.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 168.757 ± 0.052 χ^2/NDF : 963098.3/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

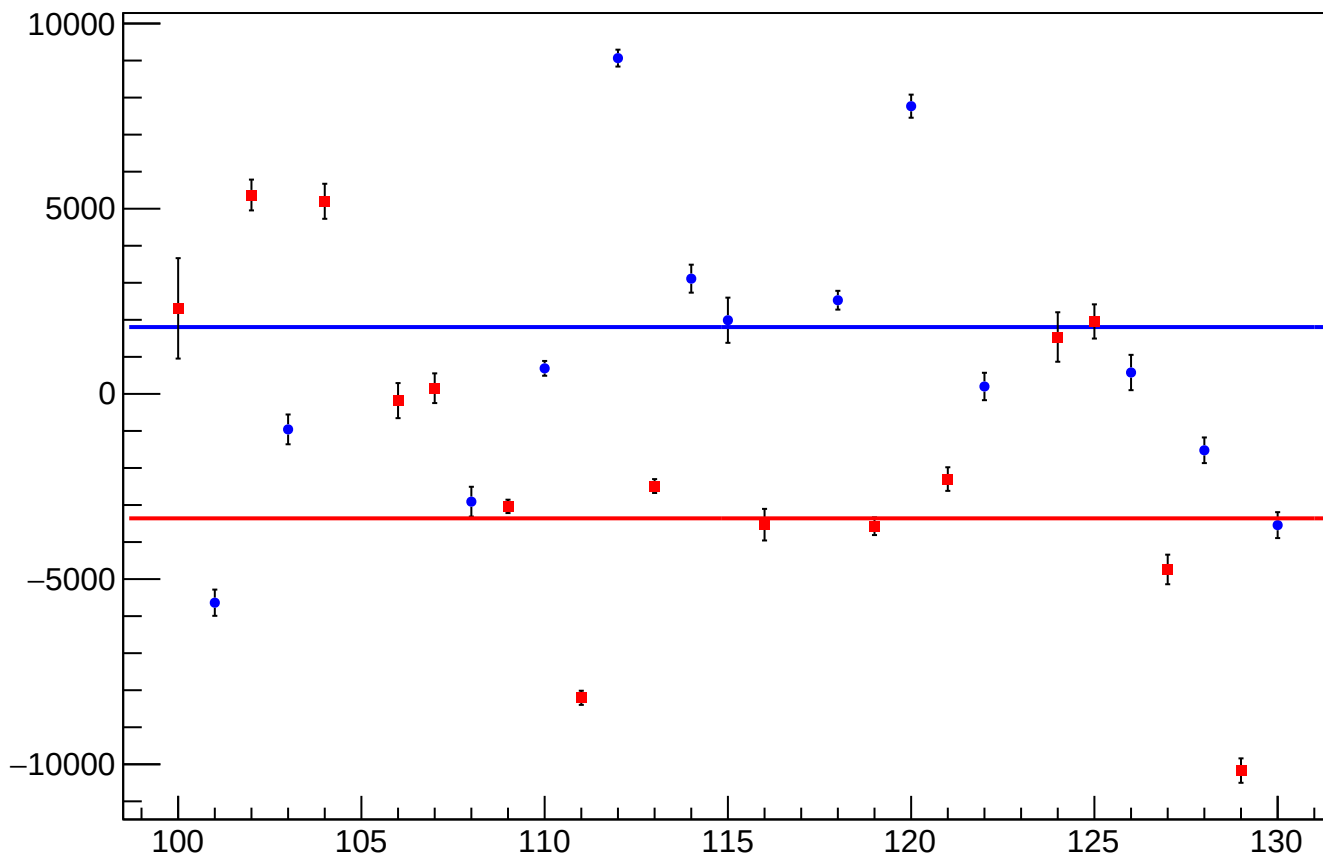
Right: 172.691 ± 0.038 χ^2/NDF : 1641479.2/27

In: 177.244 ± 0.056 χ^2/NDF : 666115.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 172.691 ± 0.038 χ^2/NDF : 1641479.2/27

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 1804.419+/-88.255 χ^2 /NDF: 2408.9/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -3359.790+/-78.234 χ^2 /NDF: 2212.3/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

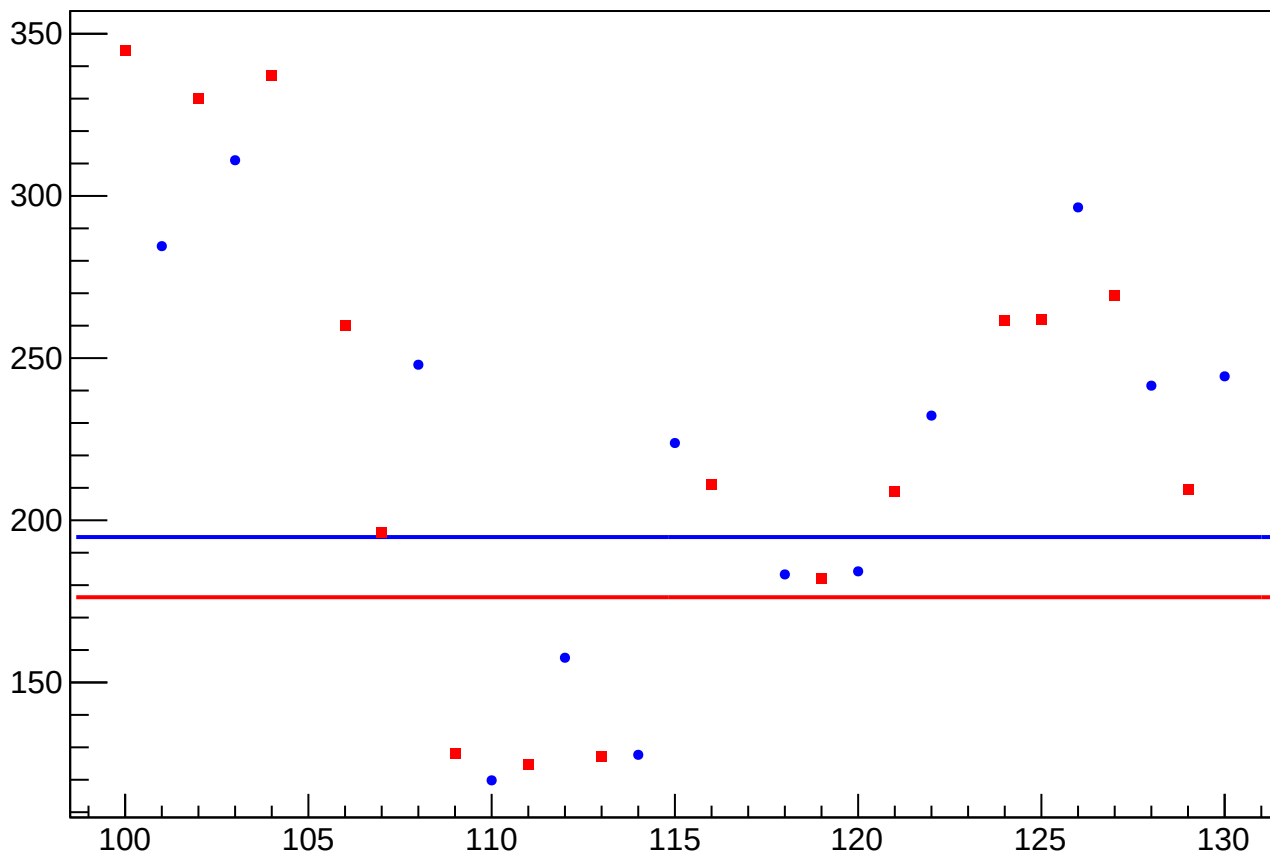
Right: -1087.409+/-58.543 χ^2 /NDF: 6538.5/27

In: 1804.419+/-88.255 χ^2 /NDF:2408.9/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1087.409+/-58.543 χ^2 /NDF: 6538.5/27

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 194.829+/-0.062 χ^2/NDF : 927240.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.279+/-0.055 χ^2/NDF : 1294657.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

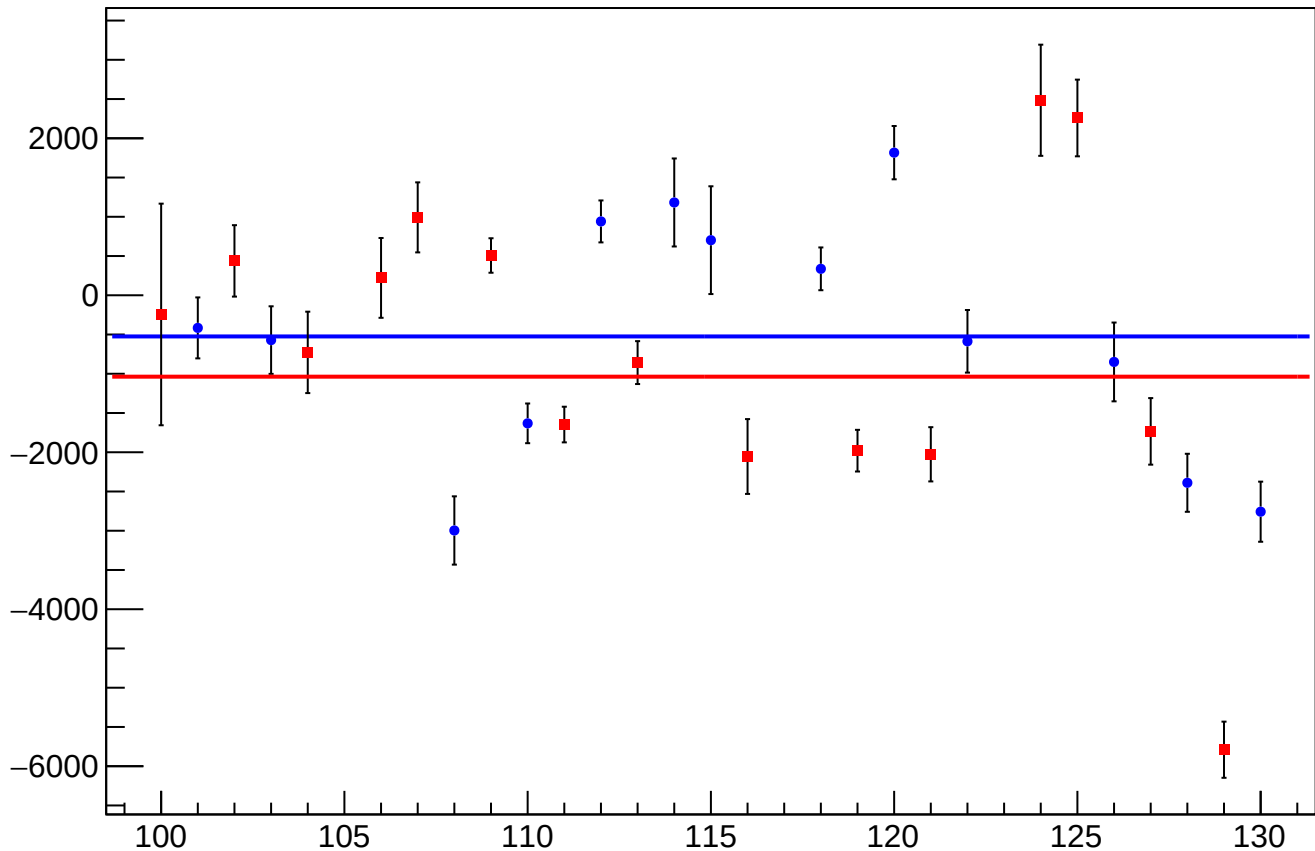
Right: 184.441+/-0.041 χ^2/NDF : 2271374.8/27

In: 194.829+/-0.062 χ^2/NDF : 927240.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.441+/-0.041 χ^2/NDF : 2271374.8/27

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -524.510+/-100.608 χ^2/NDF : 211.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1037.117+/-92.067 χ^2/NDF : 369.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

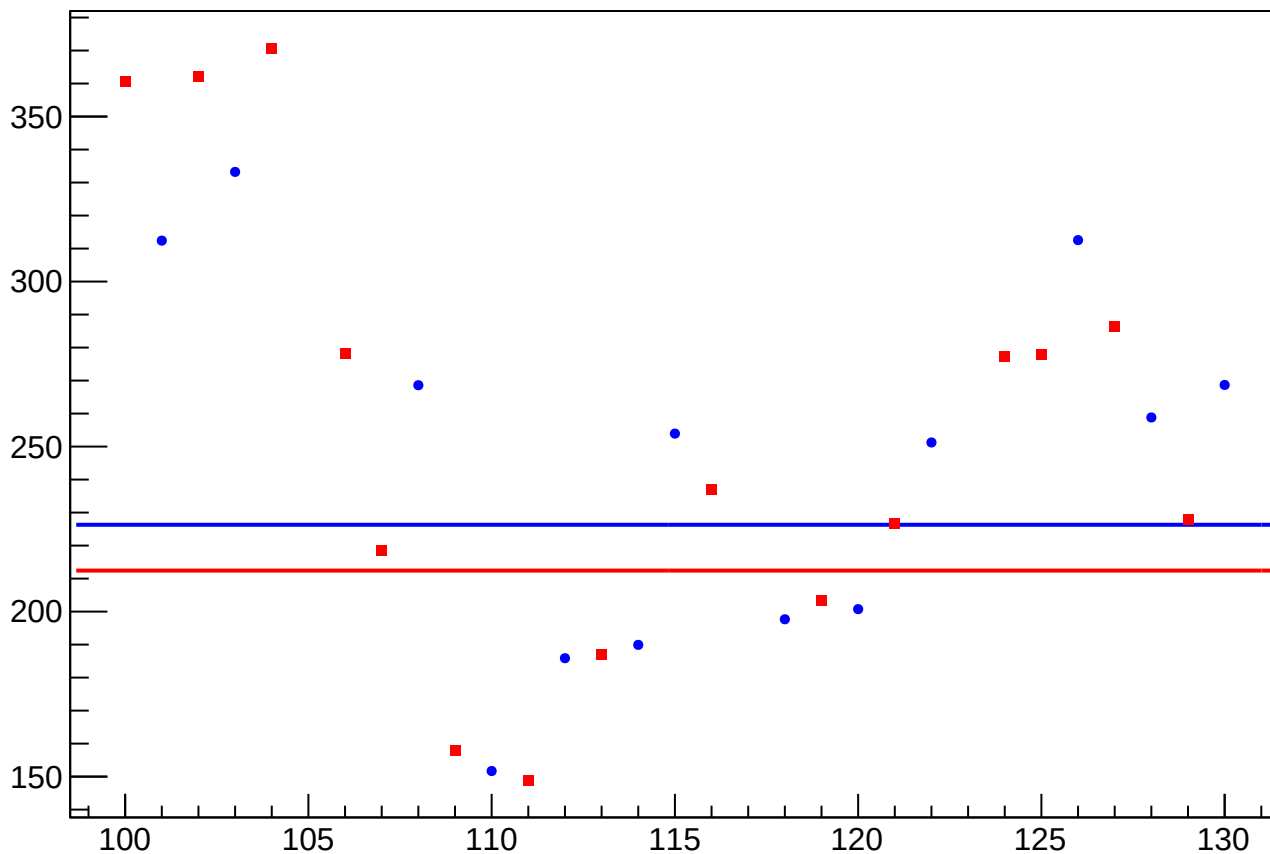
Right: -803.494+/-67.920 χ^2/NDF : 595.5/27

In: -524.510+/-100.608 χ^2/NDF : 211.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -803.494+/-67.920 χ^2/NDF : 595.5/27

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 226.306+/-0.071 χ^2/NDF : 612389.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 212.430+/-0.065 χ^2/NDF : 882603.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

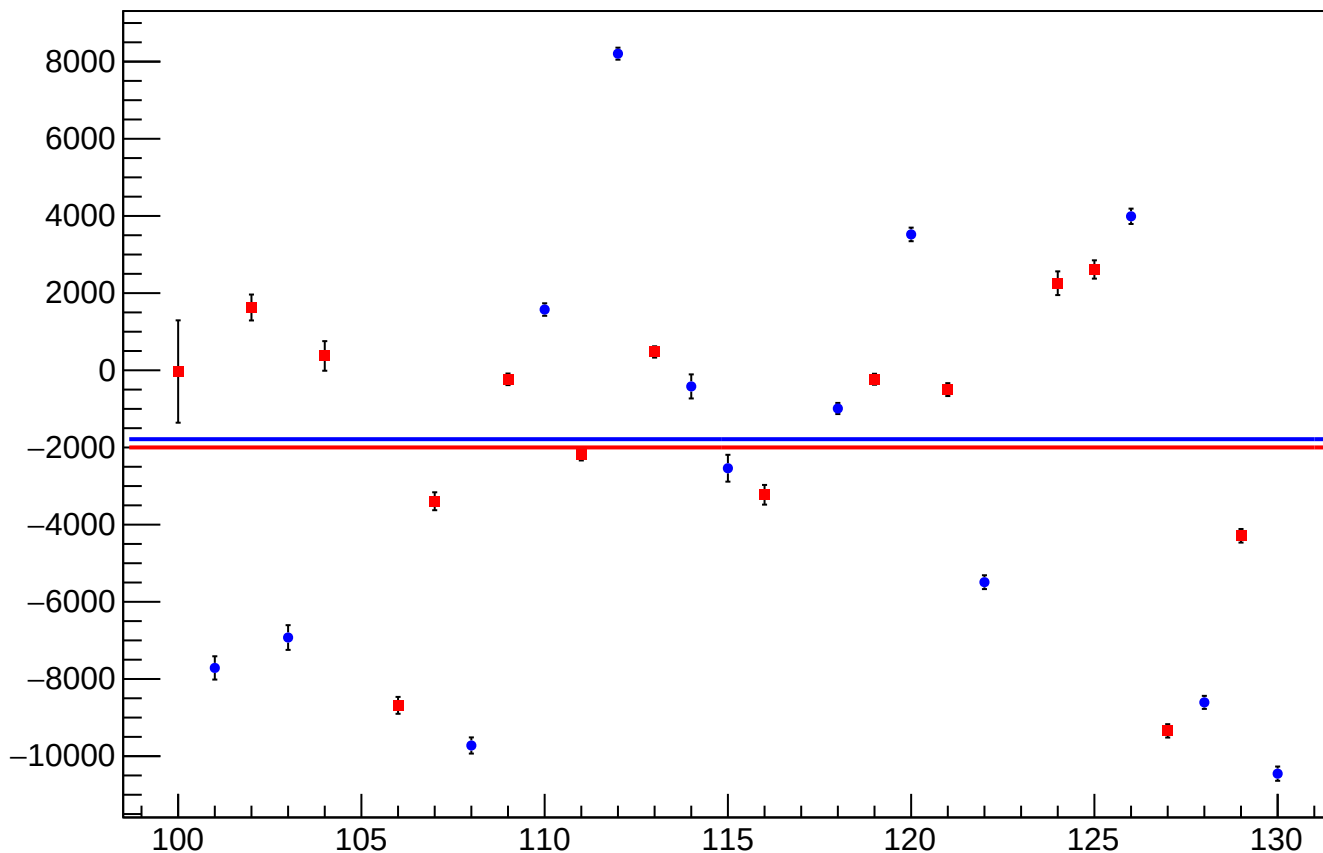
Right: 218.754+/-0.048 χ^2/NDF : 1515696.4/27

In: 226.306+/-0.071 χ^2/NDF :612389.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 218.754+/-0.048 χ^2/NDF : 1515696.4/27

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -1785.167+/-54.058 χ^2/NDF : 12688.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1999.212+/-50.759 χ^2/NDF : 4342.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

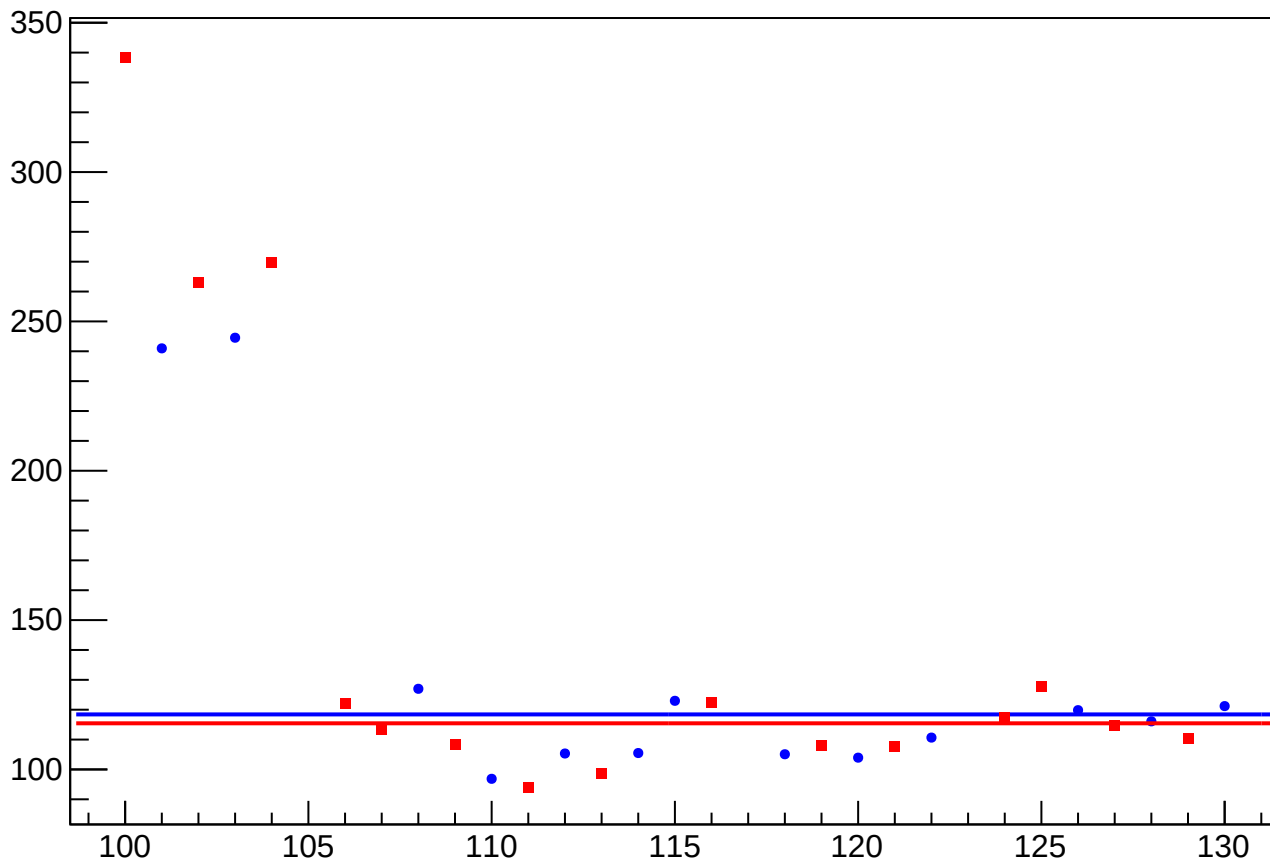
Right: -1898.920+/-37.003 χ^2/NDF : 17039.5/27

In: -1785.167+/-54.058 χ^2/NDF : 12688.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1898.920+/-37.003 χ^2/NDF : 17039.5/27

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 118.424+/-0.038 χ^2/NDF : 731415.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.445+/-0.036 χ^2/NDF : 862199.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

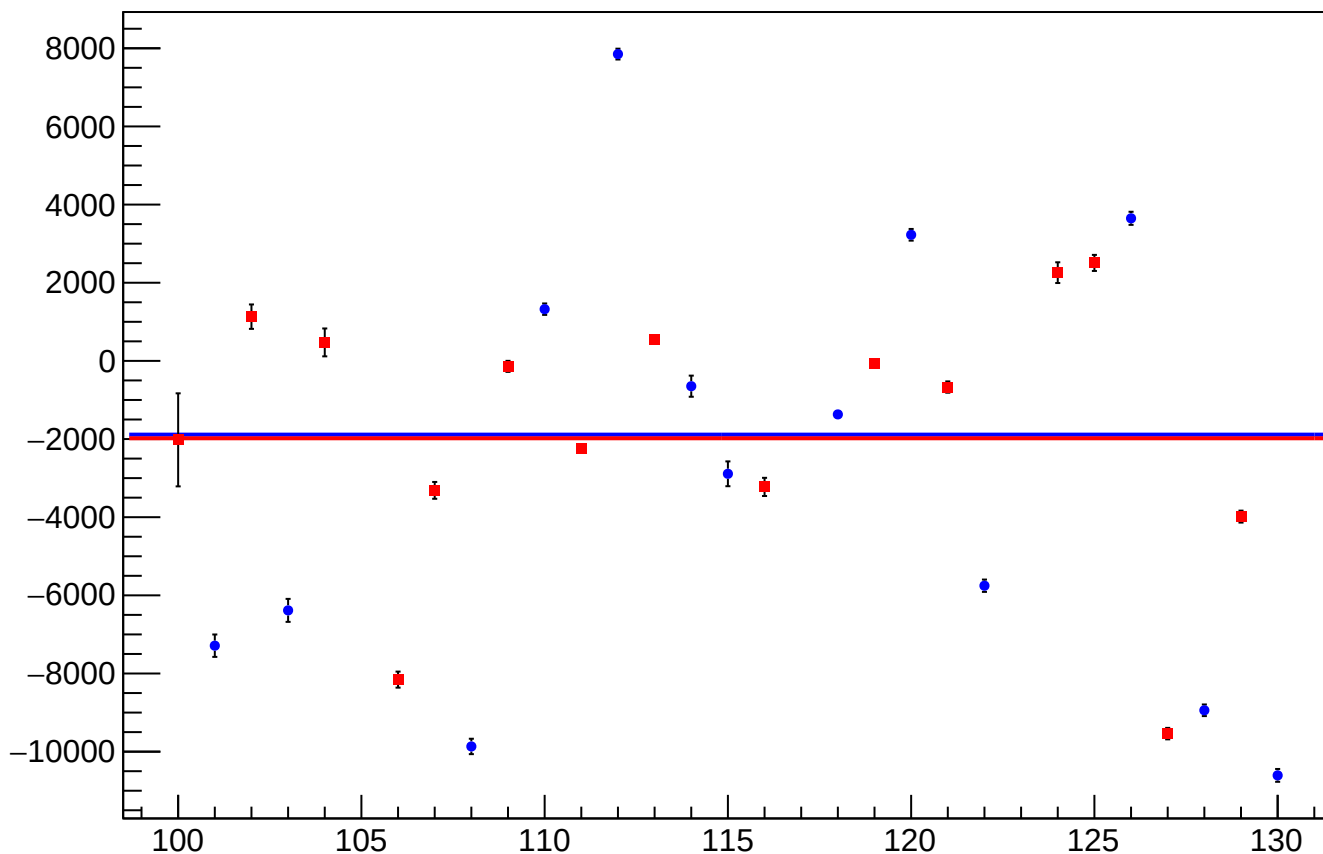
Right: 116.841+/-0.026 χ^2/NDF : 1596842.8/27

In: 118.424+/-0.038 χ^2/NDF : 731415.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.841+/-0.026 χ^2/NDF : 1596842.8/27

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -1887.093+/-47.801 χ^2 /NDF: 15616.9/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1980.491+/-45.042 χ^2 /NDF: 5553.6/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

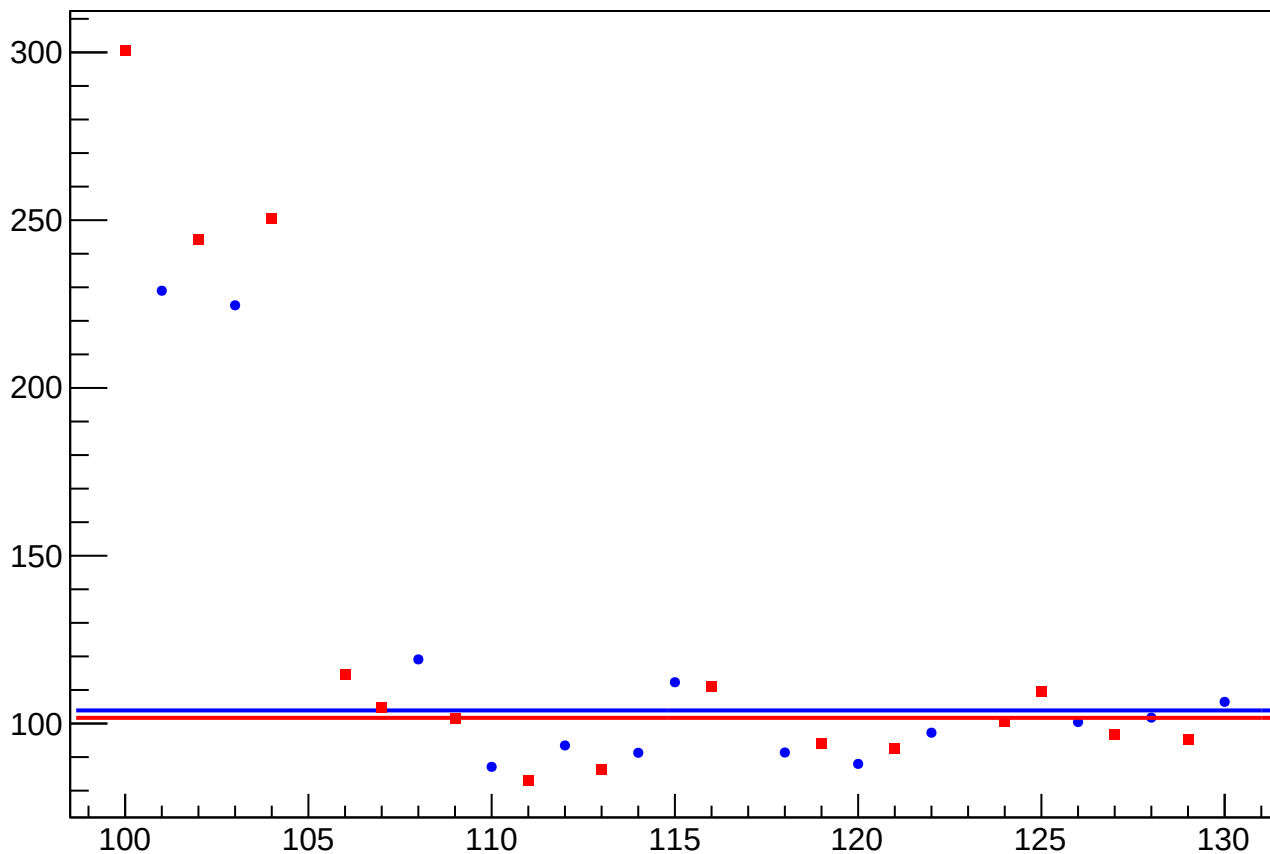
Right: -1936.565+/-32.781 χ^2 /NDF: 21172.5/27

In: -1887.093+/-47.801 χ^2 /NDF:15616.9/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1936.565+/-32.781 χ^2 /NDF: 21172.5/27

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 103.902+/-0.034 χ^2/NDF : 820872.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.691+/-0.032 χ^2/NDF : 926349.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

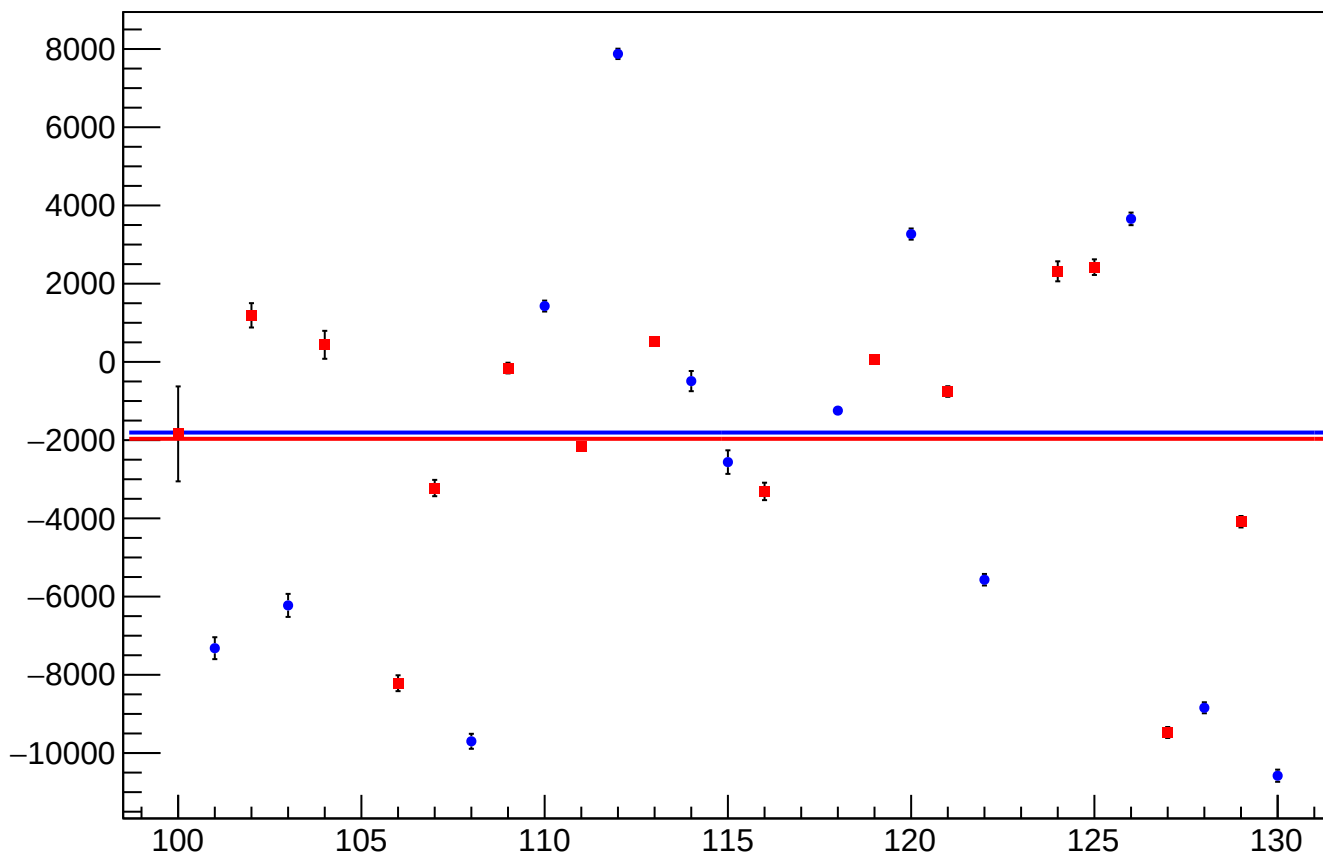
Right: 102.731+/-0.023 χ^2/NDF : 1749487.6/27

In: 103.902+/-0.034 χ^2/NDF : 820872.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.731+/-0.023 χ^2/NDF : 1749487.6/27

asym_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: -1805.924+/-45.672 χ^2/NDF : 16961.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1966.485+/-43.004 χ^2/NDF : 5993.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

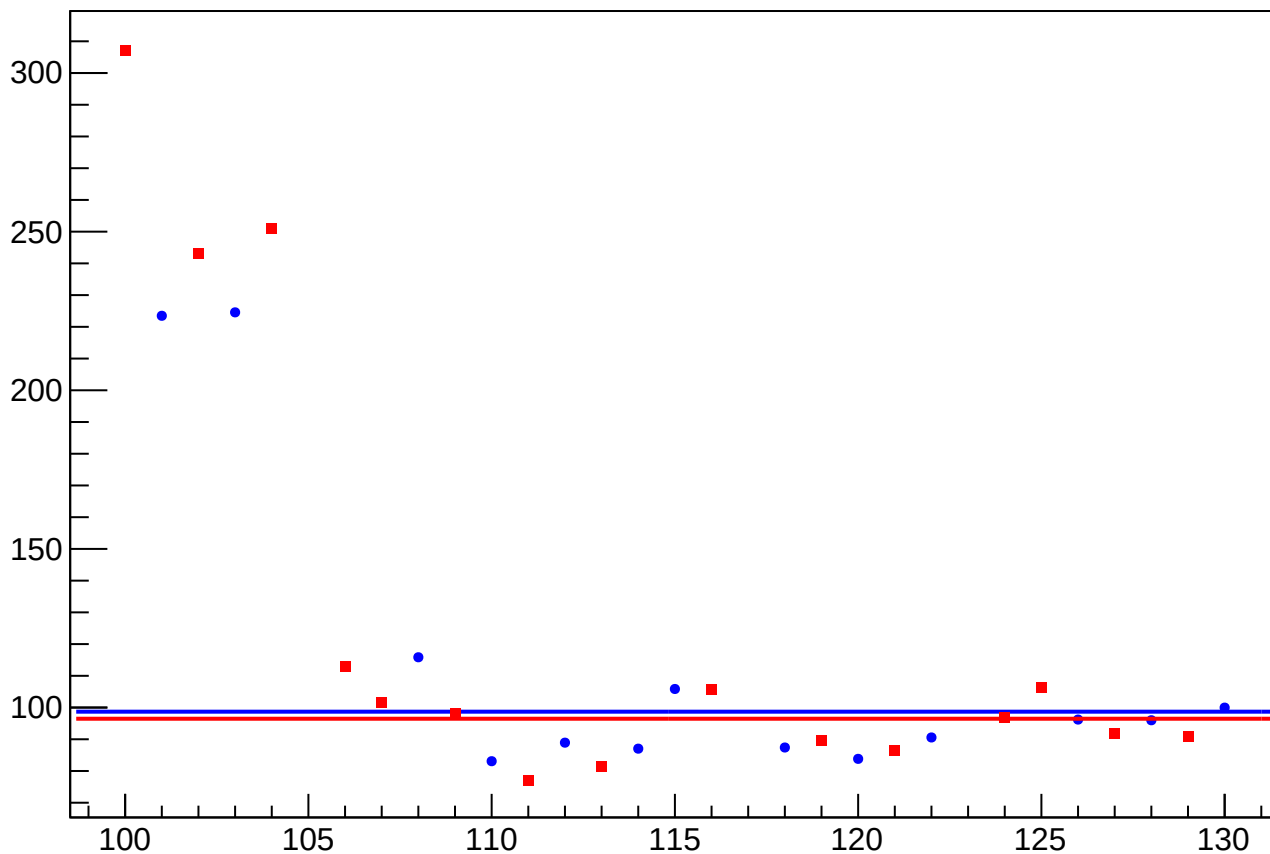
Right: -1891.032+/-31.309 χ^2/NDF : 22961.6/27

In: -1805.924+/-45.672 χ^2/NDF :16961.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1891.032+/-31.309 χ^2/NDF : 22961.6/27

asym_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 98.697+/-0.032 χ^2/NDF : 865675.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.473+/-0.030 χ^2/NDF : 1007636.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

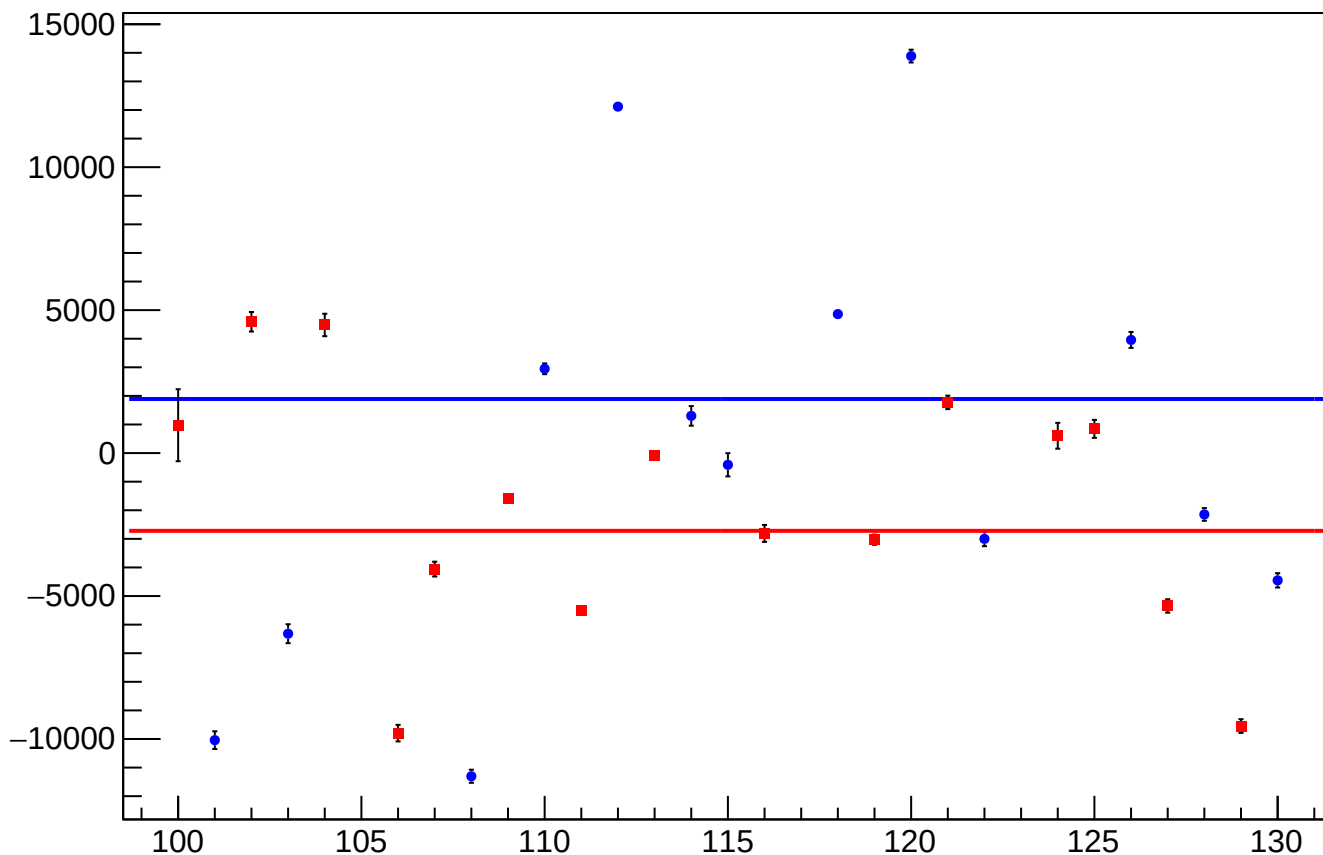
Right: 97.518+/-0.022 χ^2/NDF : 1875826.1/27

In: 98.697+/-0.032 χ^2/NDF : 865675.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.518+/-0.022 χ^2/NDF : 1875826.1/27

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 1892.340+/-65.639 χ^2/NDF : 13427.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2719.664+/-62.104 χ^2/NDF : 3480.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

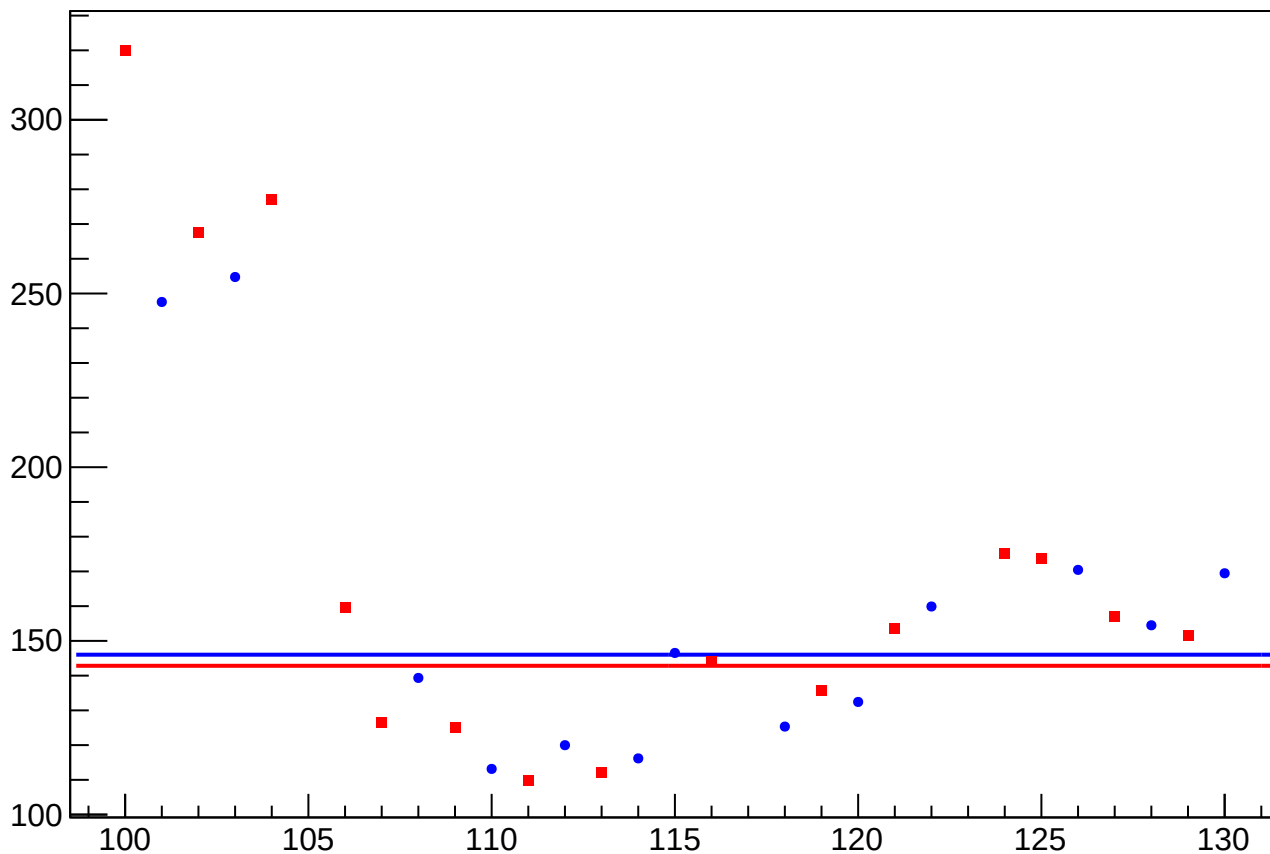
Right: -541.181+/-45.112 χ^2/NDF : 19512.9/27

In: 1892.340+/-65.639 χ^2/NDF : 13427.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -541.181+/-45.112 χ^2/NDF : 19512.9/27

asym_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 146.028+/-0.046 χ^2/NDF : 630582.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 142.833+/-0.044 χ^2/NDF : 766172.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

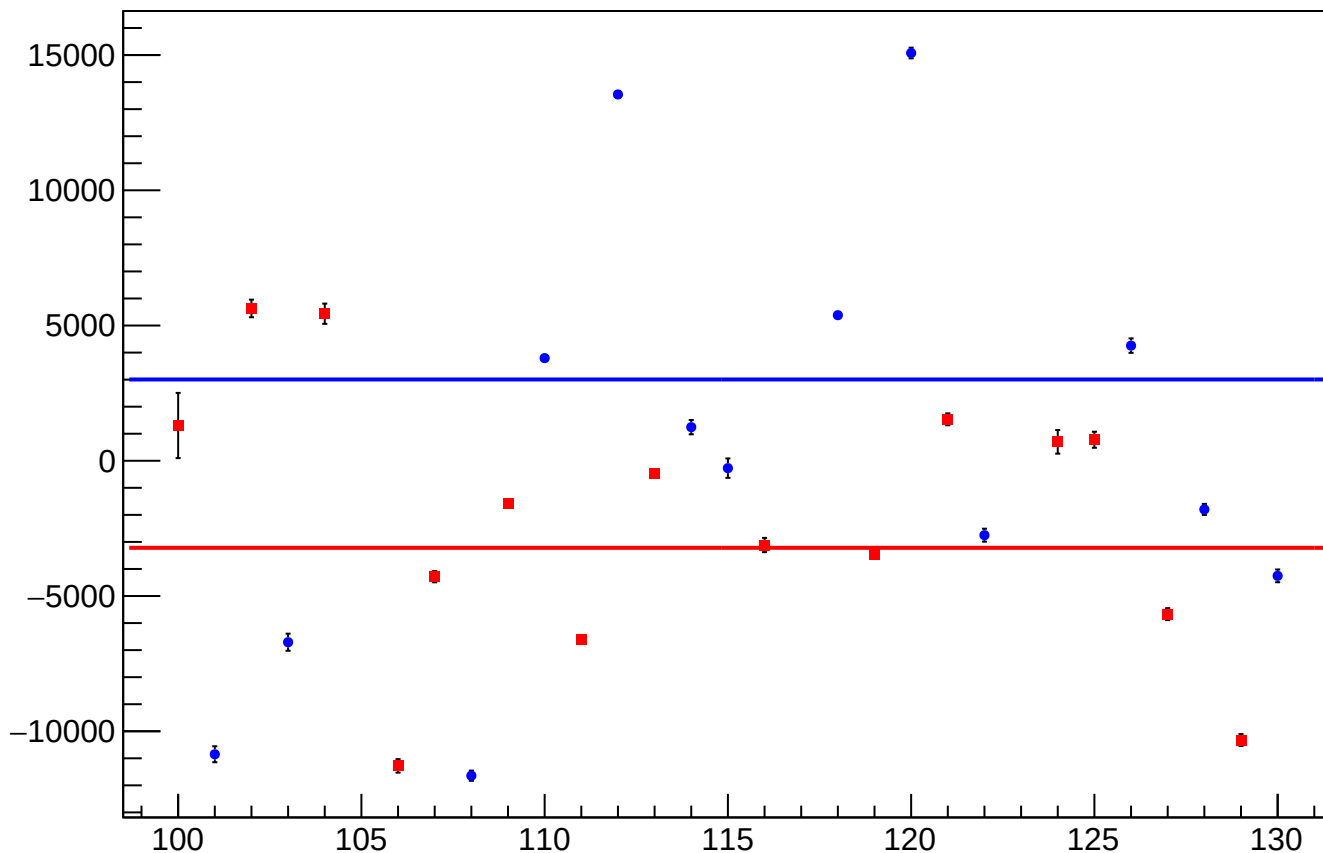
Right: 144.342+/-0.032 χ^2/NDF : 1399254.4/27

In: 146.028+/-0.046 χ^2/NDF :630582.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 144.342+/-0.032 χ^2/NDF : 1399254.4/27

asym_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 3005.777+/-55.608 χ^2/NDF : 21555.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3217.468+/-51.585 χ^2/NDF : 5636.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

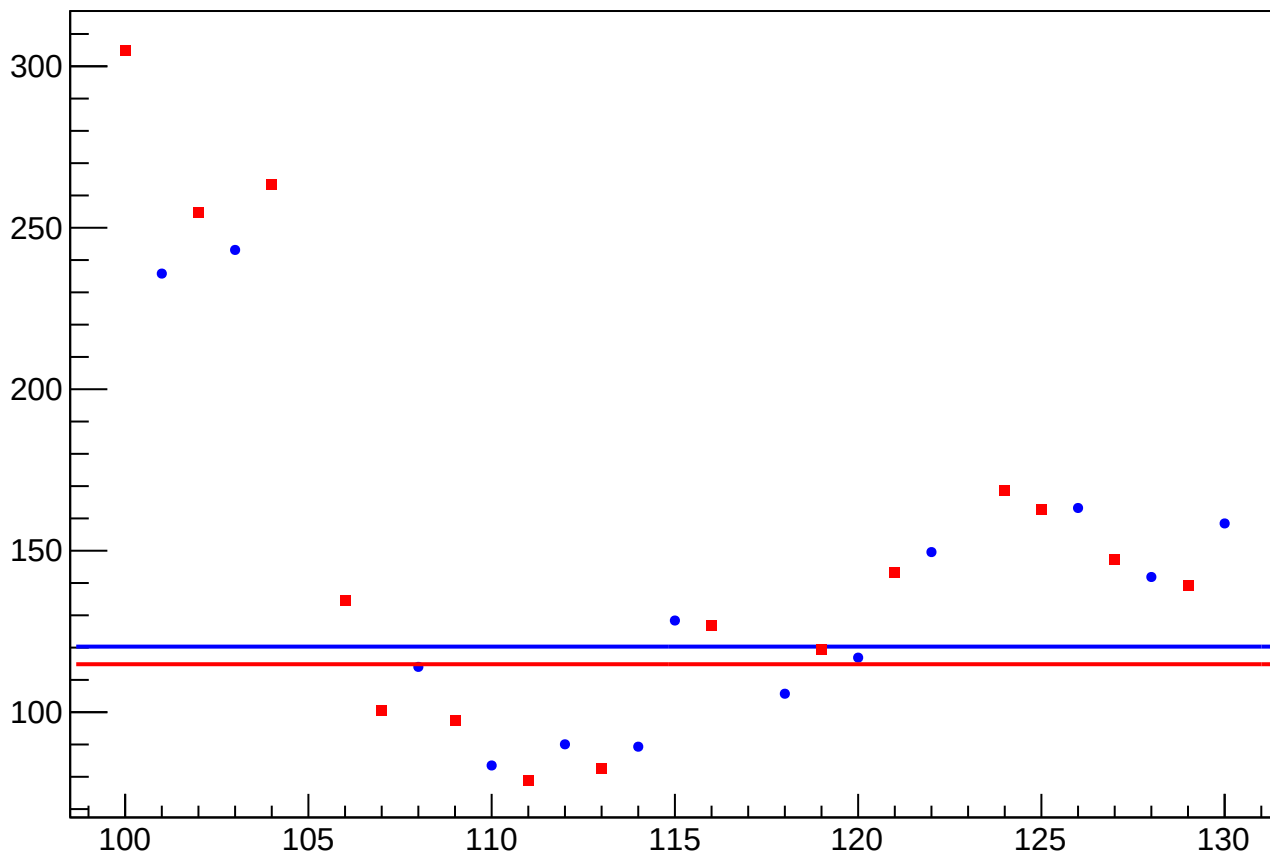
Right: -339.108+/-37.818 χ^2/NDF : 33923.8/27

In: 3005.777+/-55.608 χ^2/NDF :21555.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -339.108+/-37.818 χ^2/NDF : 33923.8/27

asym_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 120.308+/-0.039 χ^2/NDF : 1052404.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.855+/-0.036 χ^2/NDF : 1285679.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

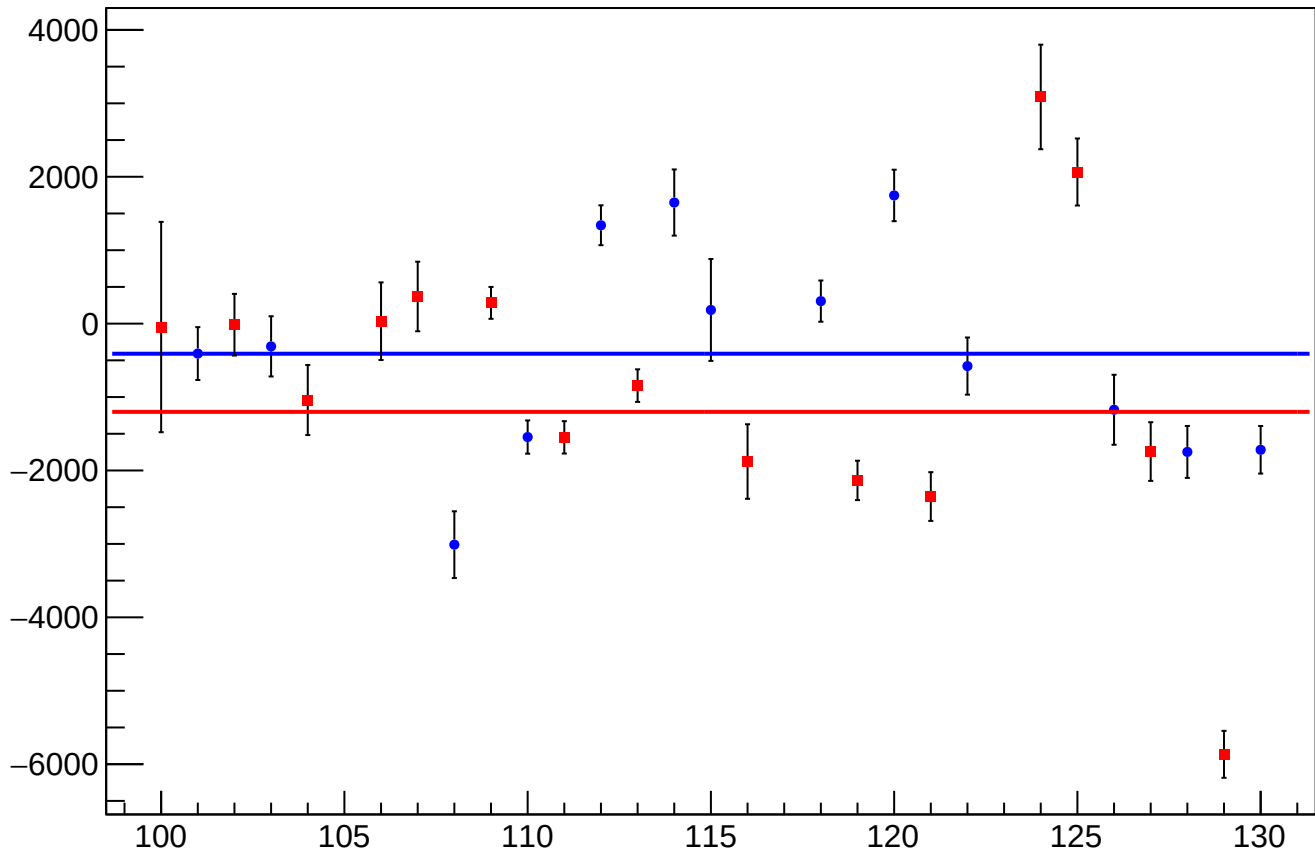
Right: 117.377+/-0.027 χ^2/NDF : 2348421.0/27

In: 120.308+/-0.039 χ^2/NDF : 1052404.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.377+/-0.027 χ^2/NDF : 2348421.0/27

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -409.948+/-96.230 χ^2/NDF : 198.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1201.525+/-87.558 χ^2/NDF : 405.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

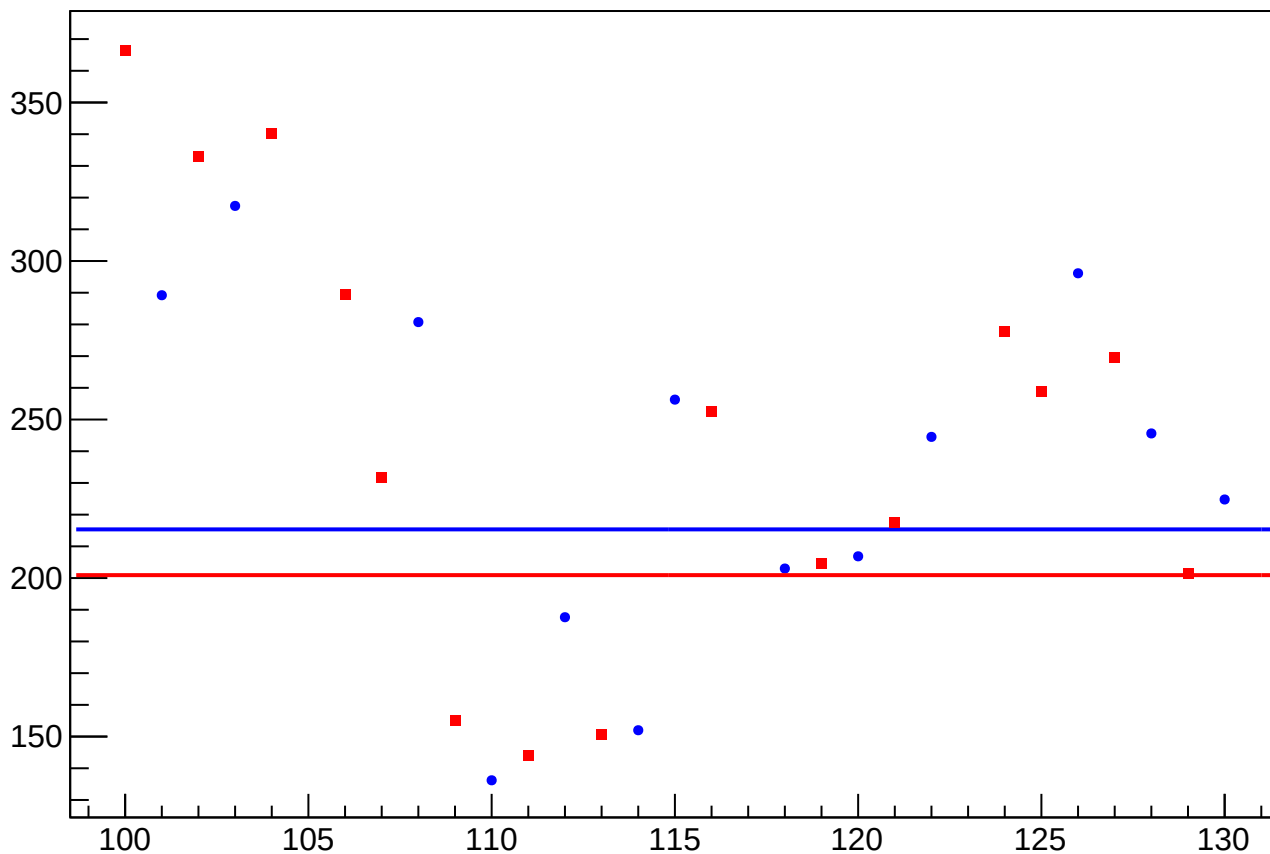
Right: -843.001+/-64.762 χ^2/NDF : 641.2/27

In: -409.948+/-96.230 χ^2/NDF : 198.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -843.001+/-64.762 χ^2/NDF : 641.2/27

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 215.350+/-0.068 χ^2/NDF : 651402.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 200.920+/-0.062 χ^2/NDF : 924731.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

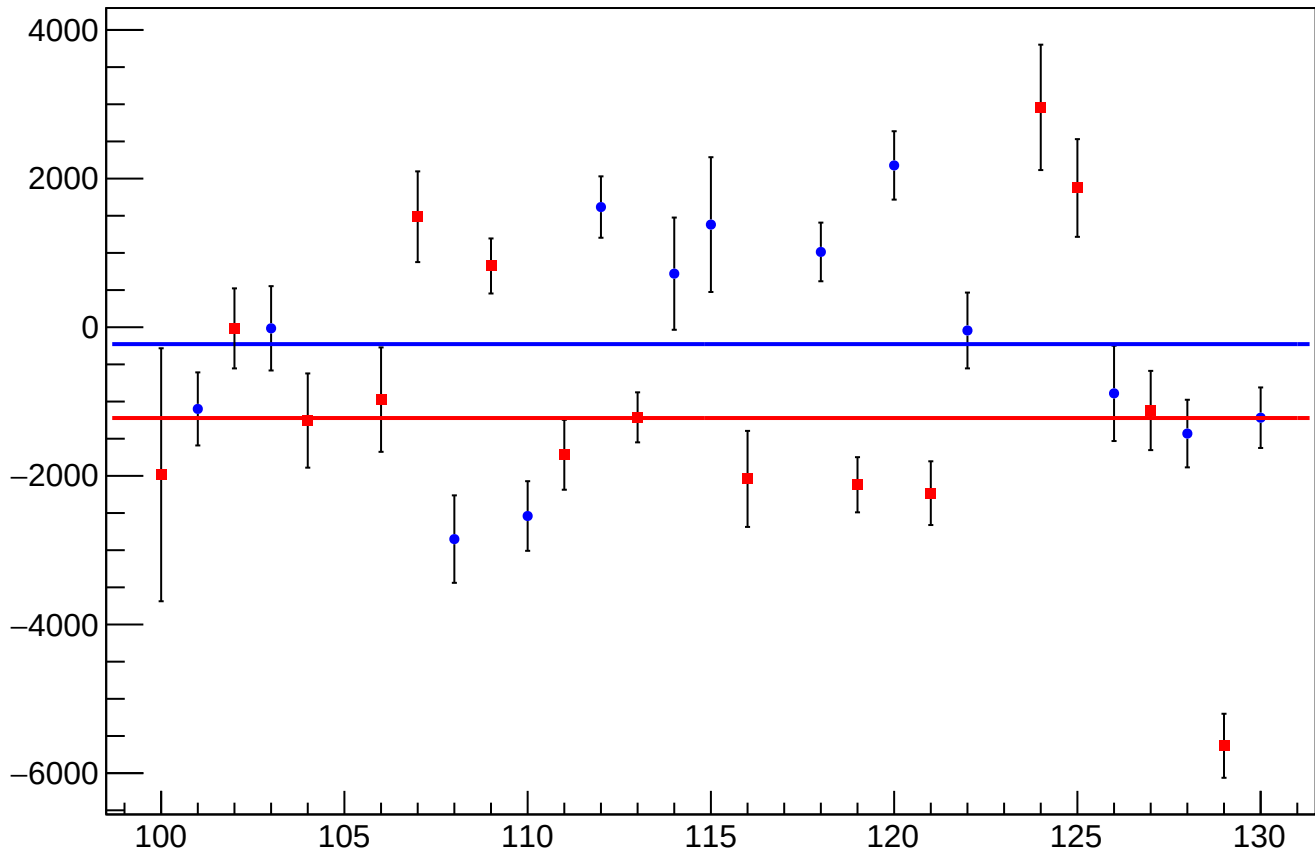
Right: 207.456+/-0.046 χ^2/NDF : 1600737.7/27

In: 215.350+/-0.068 χ^2/NDF : 651402.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 207.456+/-0.046 χ^2/NDF : 1600737.7/27

asym_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: -227.239+/-138.939 χ^2/NDF : 123.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1221.658+/-129.812 χ^2/NDF : 221.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

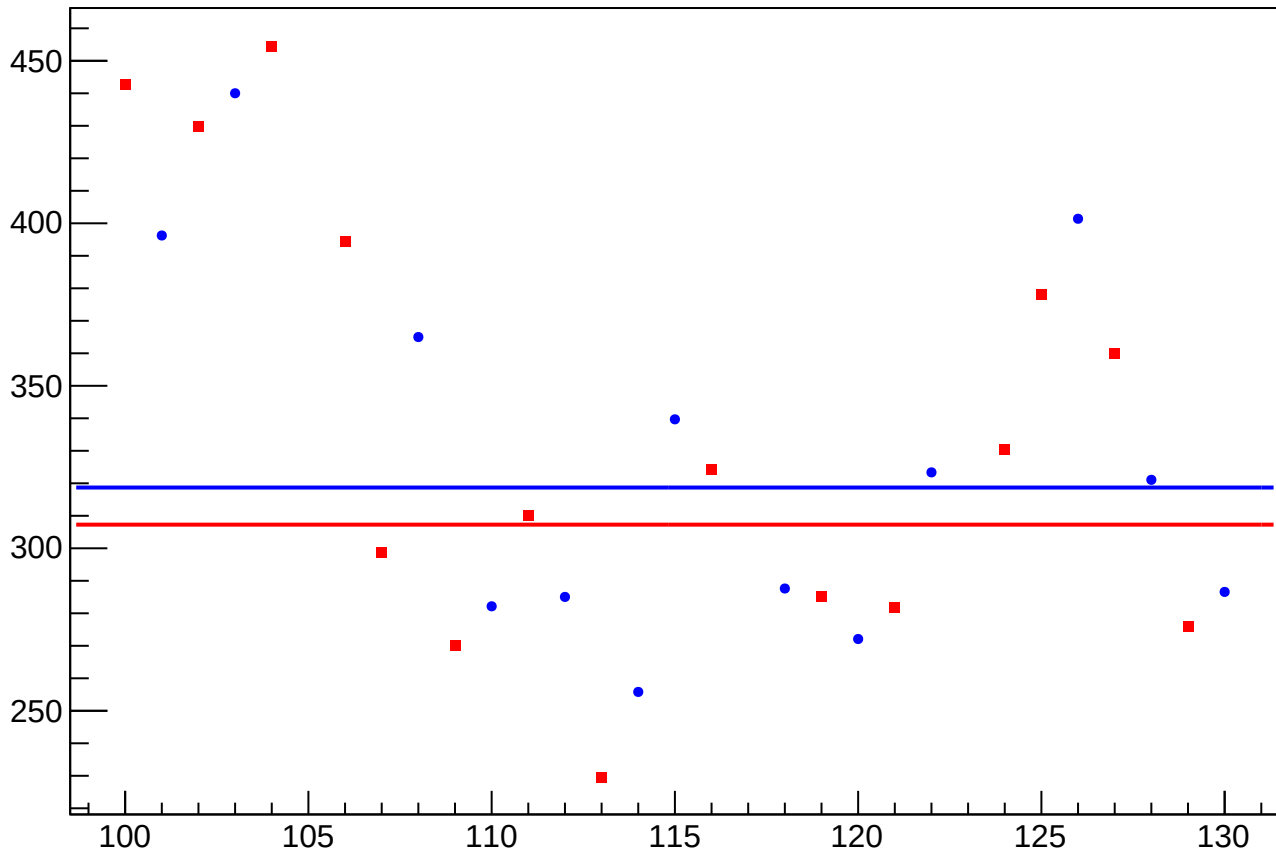
Right: -758.184+/-94.854 χ^2/NDF : 372.1/27

In: -227.239+/-138.939 χ^2/NDF : 123.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -758.184+/-94.854 χ^2/NDF : 372.1/27

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 318.700+/-0.098 χ^2/NDF : 272825.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 307.279+/-0.092 χ^2/NDF : 452300.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

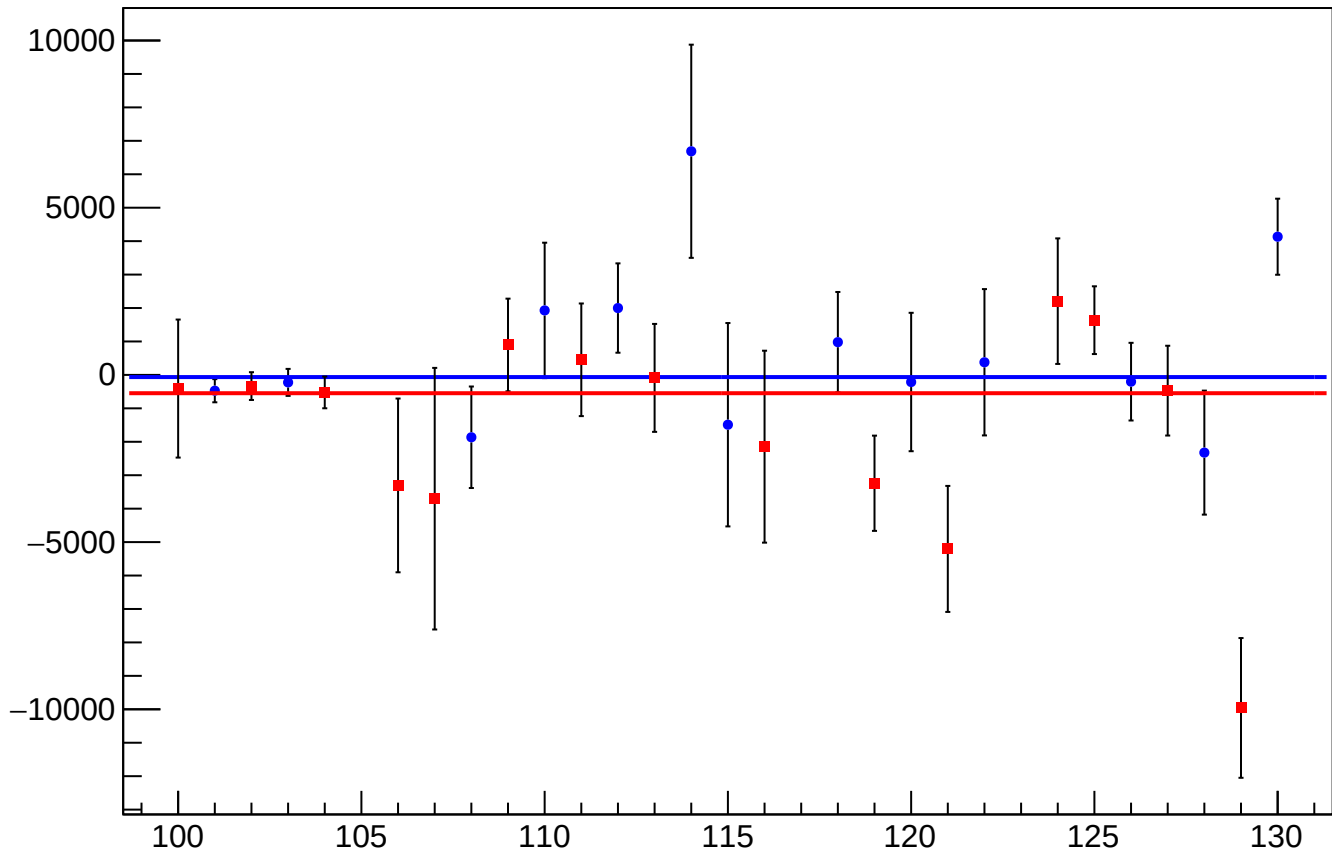
Right: 312.602+/-0.067 χ^2/NDF : 732340.2/27

In: 318.700+/-0.098 χ^2/NDF : 272825.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 312.602+/-0.067 χ^2/NDF : 732340.2/27

asym_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: -64.872 ± 231.759 χ^2/NDF : 26.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -547.317 ± 259.115 χ^2/NDF : 40.6/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

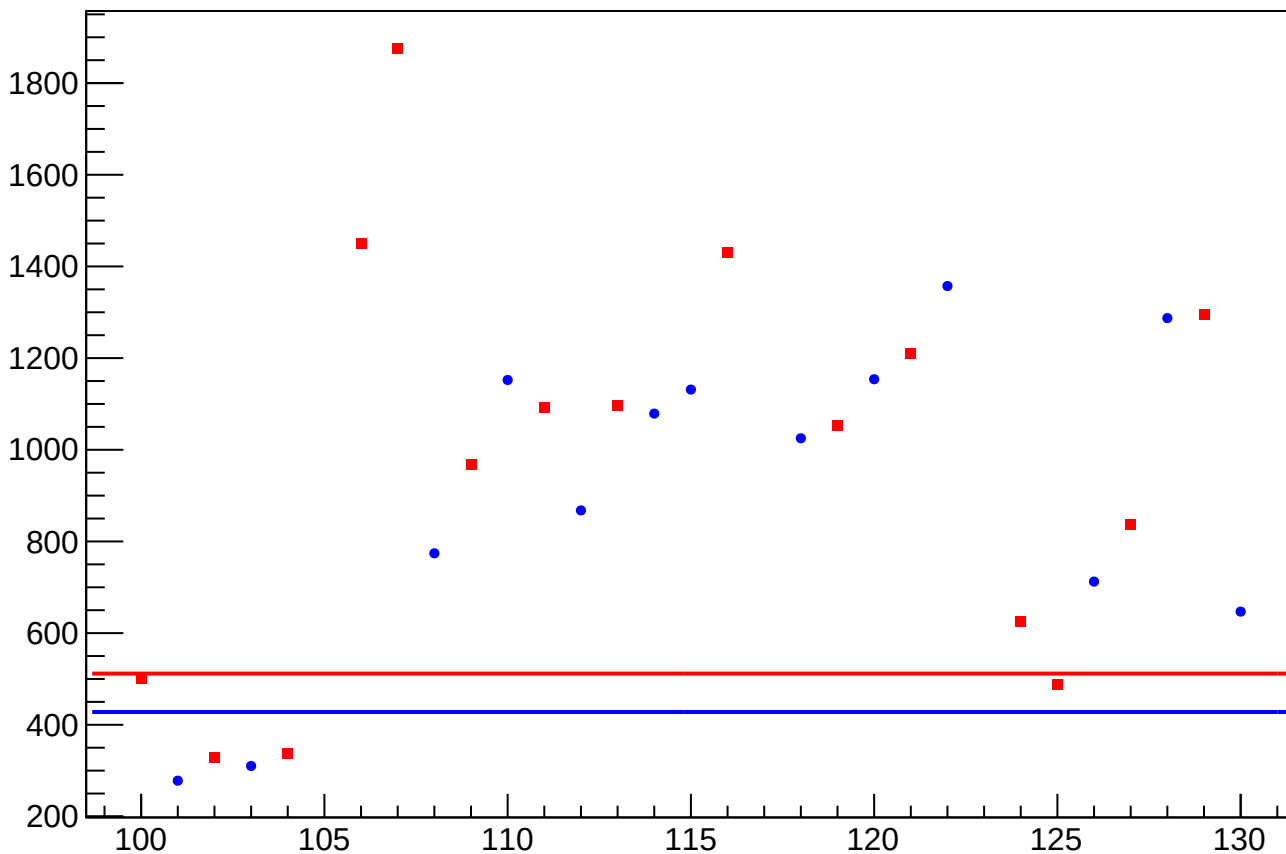
Right: -279.292 ± 172.743 χ^2/NDF : 69.2/27

In: -64.872 ± 231.759 χ^2/NDF : 26.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -279.292 ± 172.743 χ^2/NDF : 69.2/27

asym_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 427.911+/-0.164 χ^2/NDF : 2860004.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 511.716+/-0.183 χ^2/NDF : 3050043.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

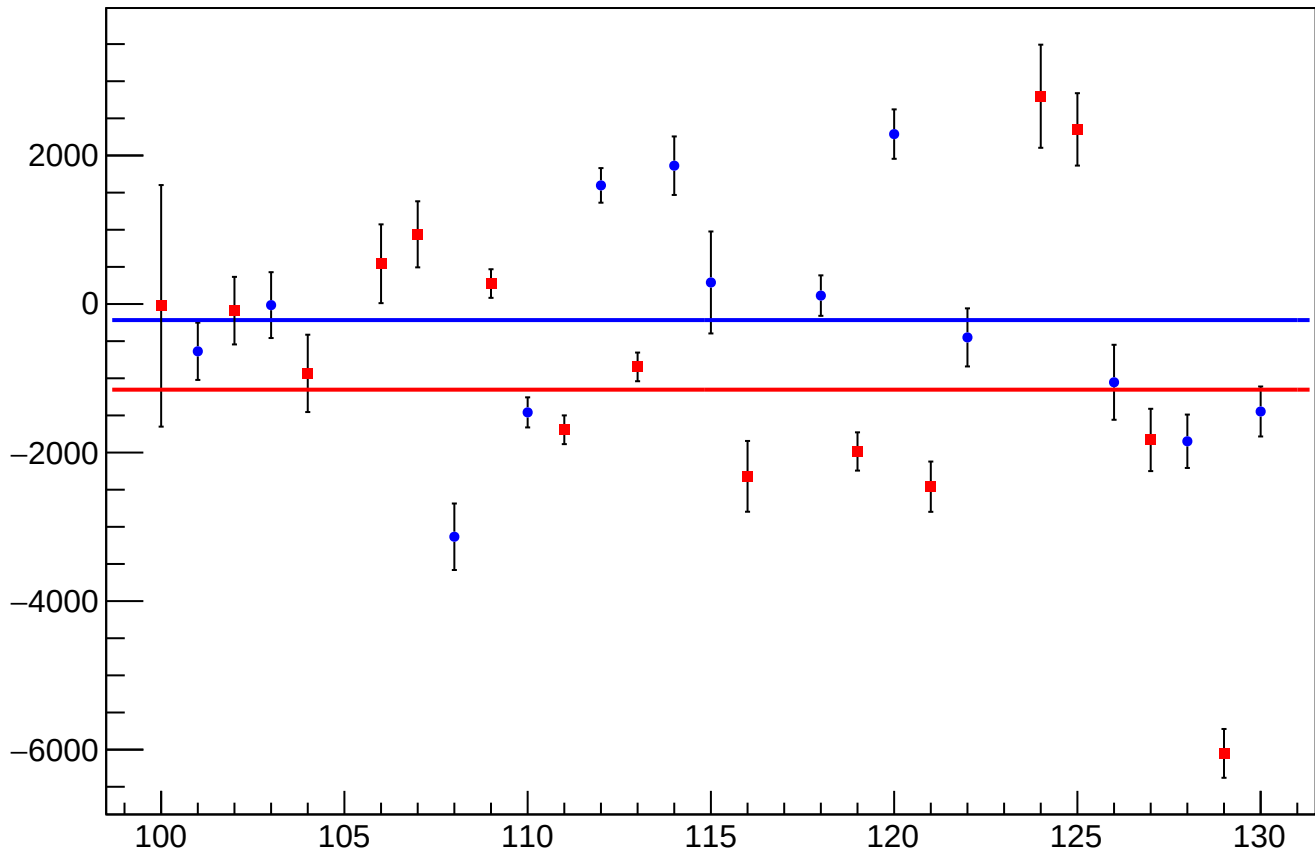
Right: 465.158+/-0.122 χ^2/NDF : 6026278.2/27

In: 427.911+/-0.164 χ^2/NDF :2860004.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 465.158+/-0.122 χ^2/NDF : 6026278.2/27

asym_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: -216.251+/-92.177 χ^2/NDF : 265.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1153.233+/-82.347 χ^2/NDF : 443.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

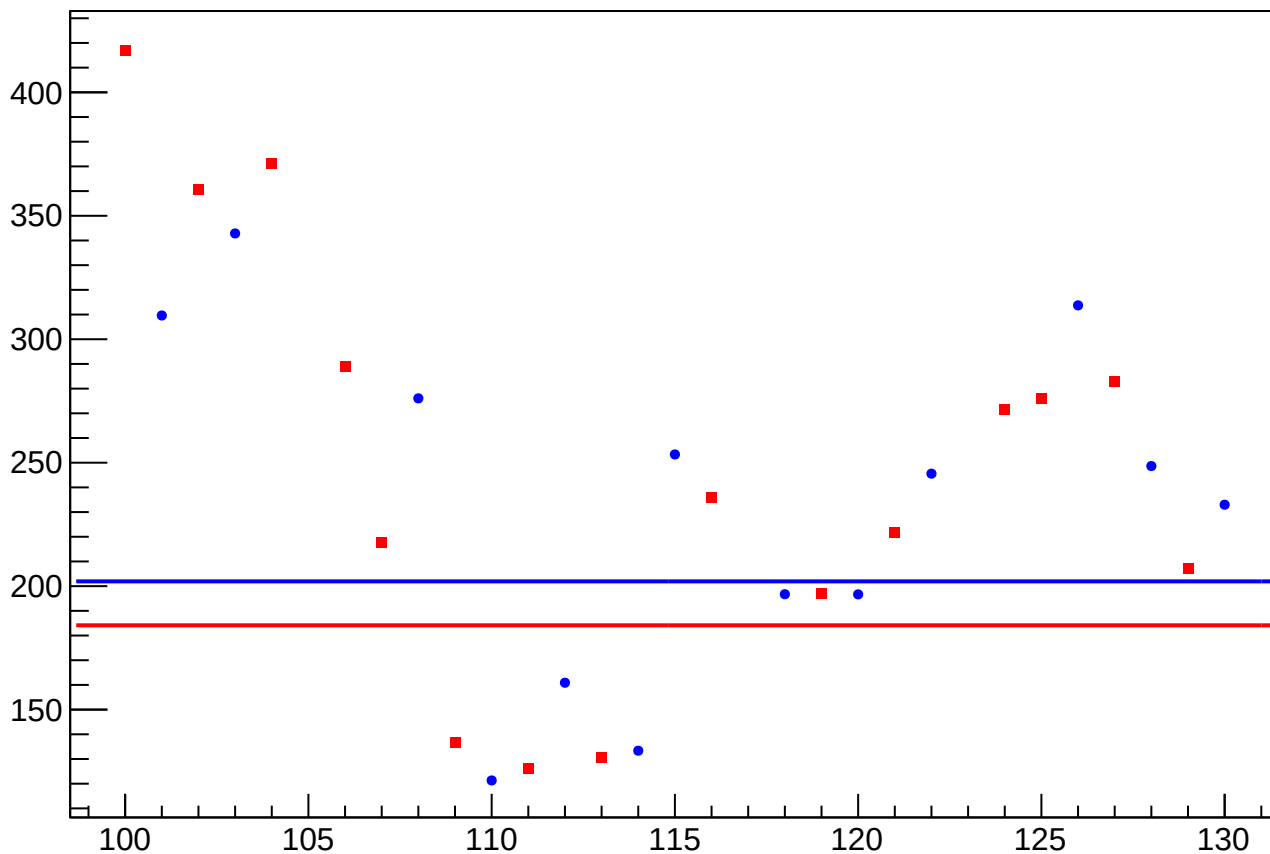
Right: -737.349+/-61.410 χ^2/NDF : 767.0/27

In: -216.251+/-92.177 χ^2/NDF :265.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -737.349+/-61.410 χ^2/NDF : 767.0/27

asym_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 201.933+/-0.065 χ^2/NDF : 1038518.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 184.145+/-0.058 χ^2/NDF : 1423290.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

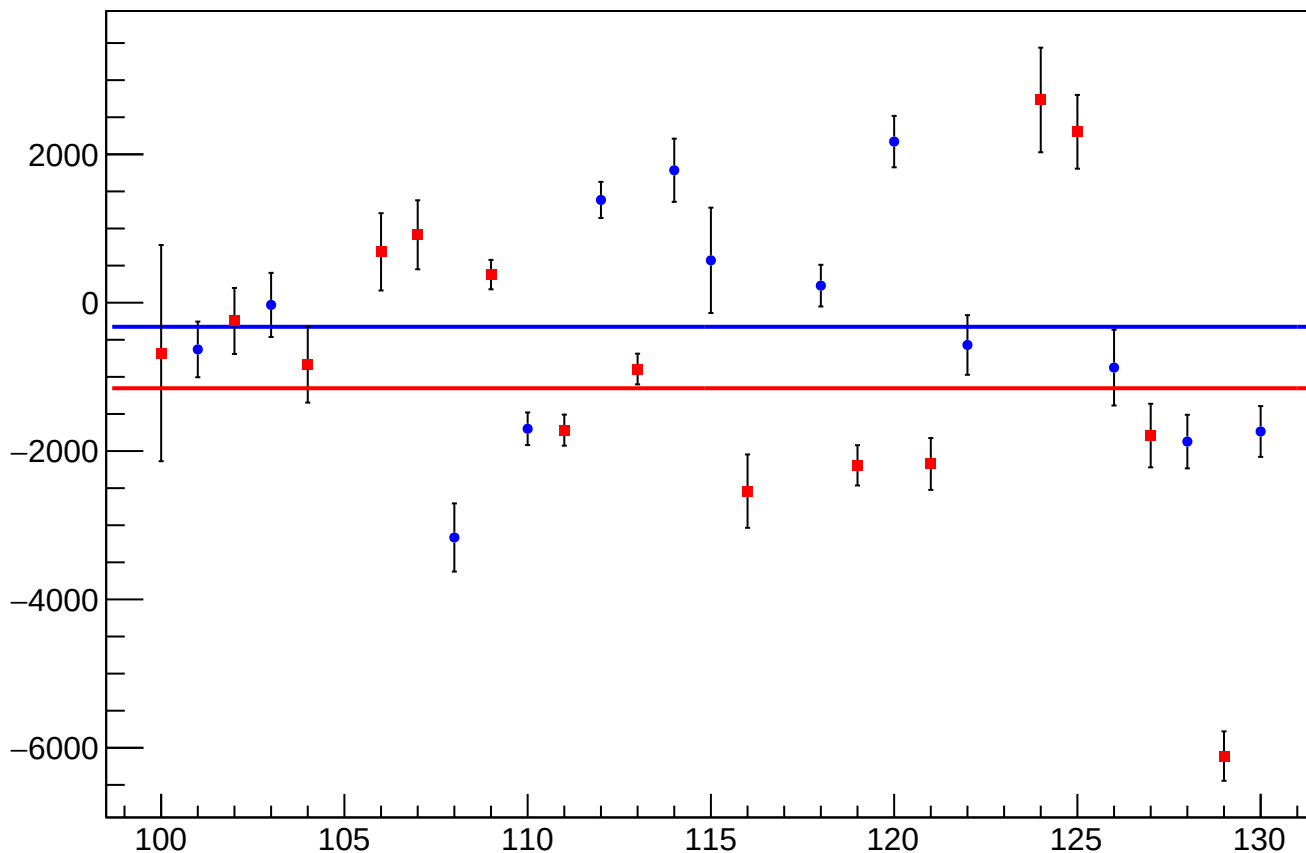
Right: 192.041+/-0.043 χ^2/NDF : 2503231.0/27

In: 201.933+/-0.065 χ^2/NDF : 1038518.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 192.041+/-0.043 χ^2/NDF : 2503231.0/27

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: -324.896+/-95.577 χ^2/NDF : 246.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1153.222+/-85.877 χ^2/NDF : 439.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

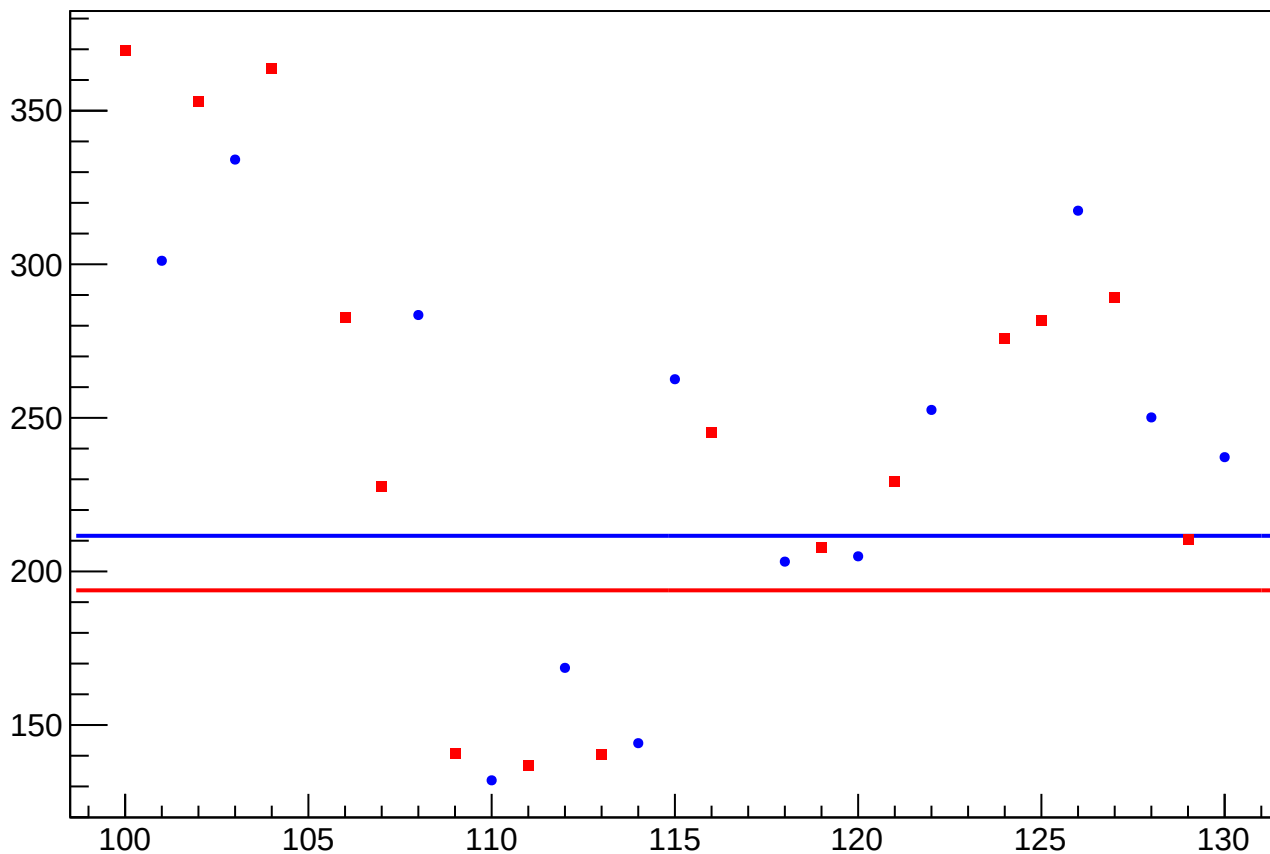
Right: -783.211+/-63.879 χ^2/NDF : 727.1/27

In: -324.896+/-95.577 χ^2/NDF : 246.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -783.211+/-63.879 χ^2/NDF : 727.1/27

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 211.601 $\pm$ 0.068 χ^2 /NDF: 852197.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 193.847 $\pm$ 0.061 χ^2 /NDF: 1240115.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

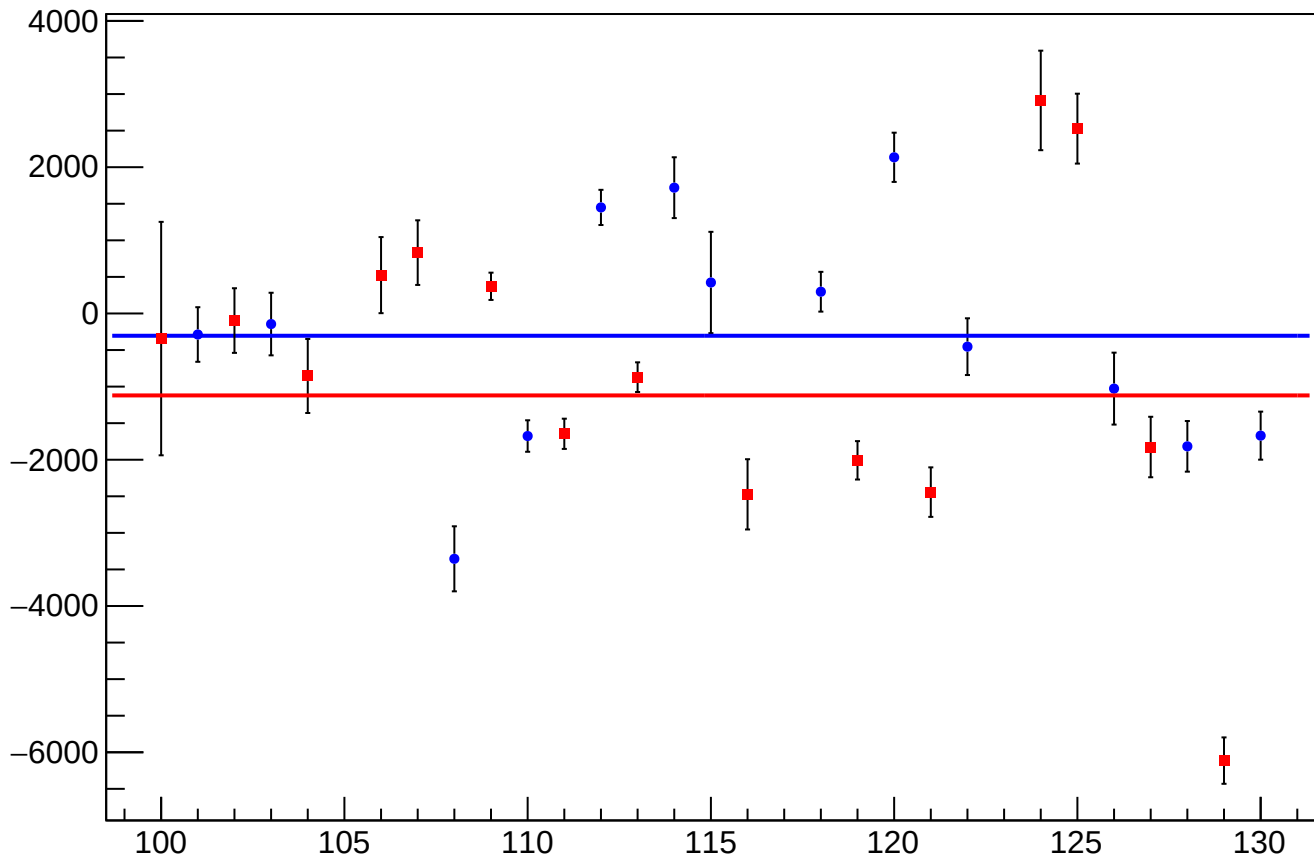
Right: 201.777 $\pm$ 0.045 χ^2 /NDF: 2130499.9/27

In: 211.601 $\pm$ 0.068 χ^2 /NDF:852197.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 201.777 $\pm$ 0.045 χ^2 /NDF: 2130499.9/27

asym_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: -304.819+/-93.189 χ^2/NDF : 261.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1120.635+/-83.166 χ^2/NDF : 486.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

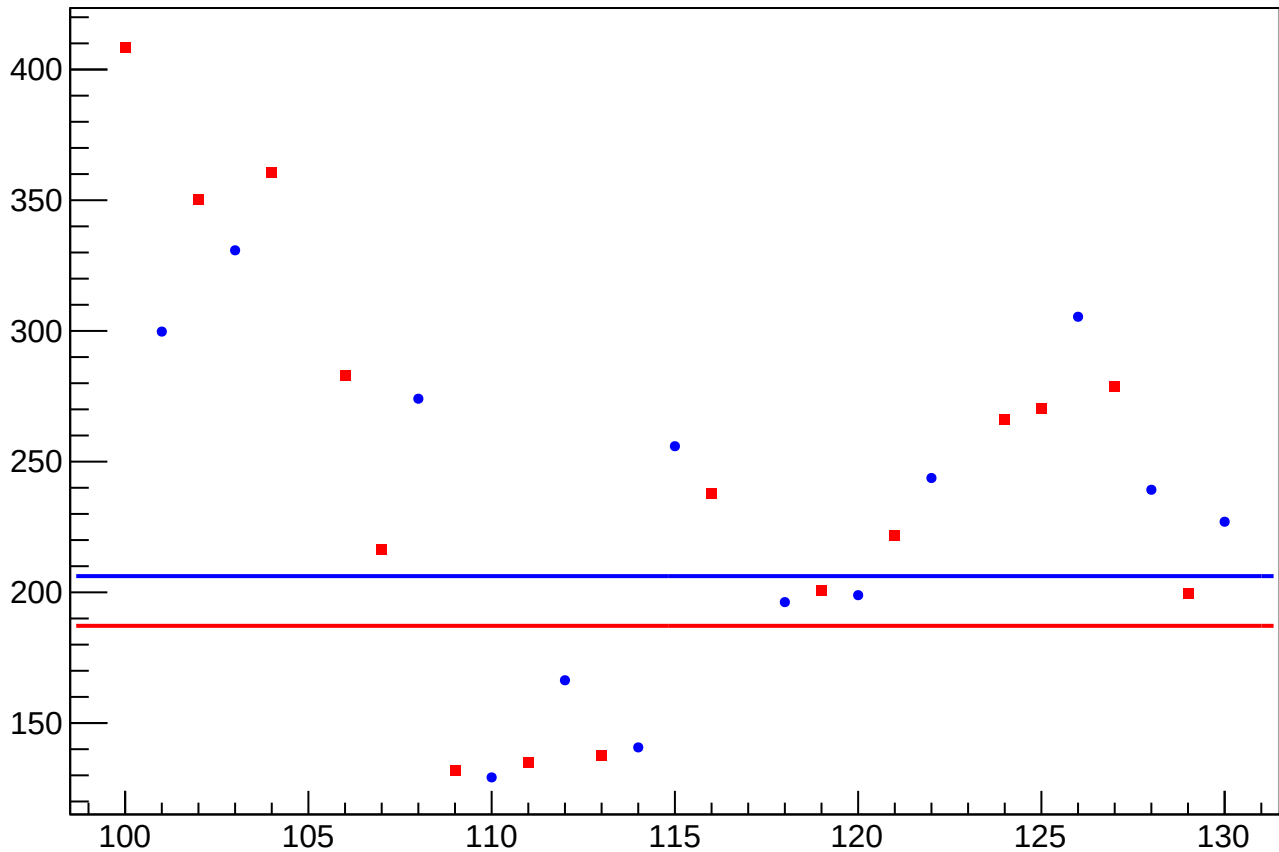
Right: -758.944+/-62.049 χ^2/NDF : 790.7/27

In: -304.819+/-93.189 χ^2/NDF :261.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -758.944+/-62.049 χ^2/NDF : 790.7/27

asym_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 206.208+/-0.066 χ^2/NDF : 842326.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 187.195+/-0.059 χ^2/NDF : 1282181.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

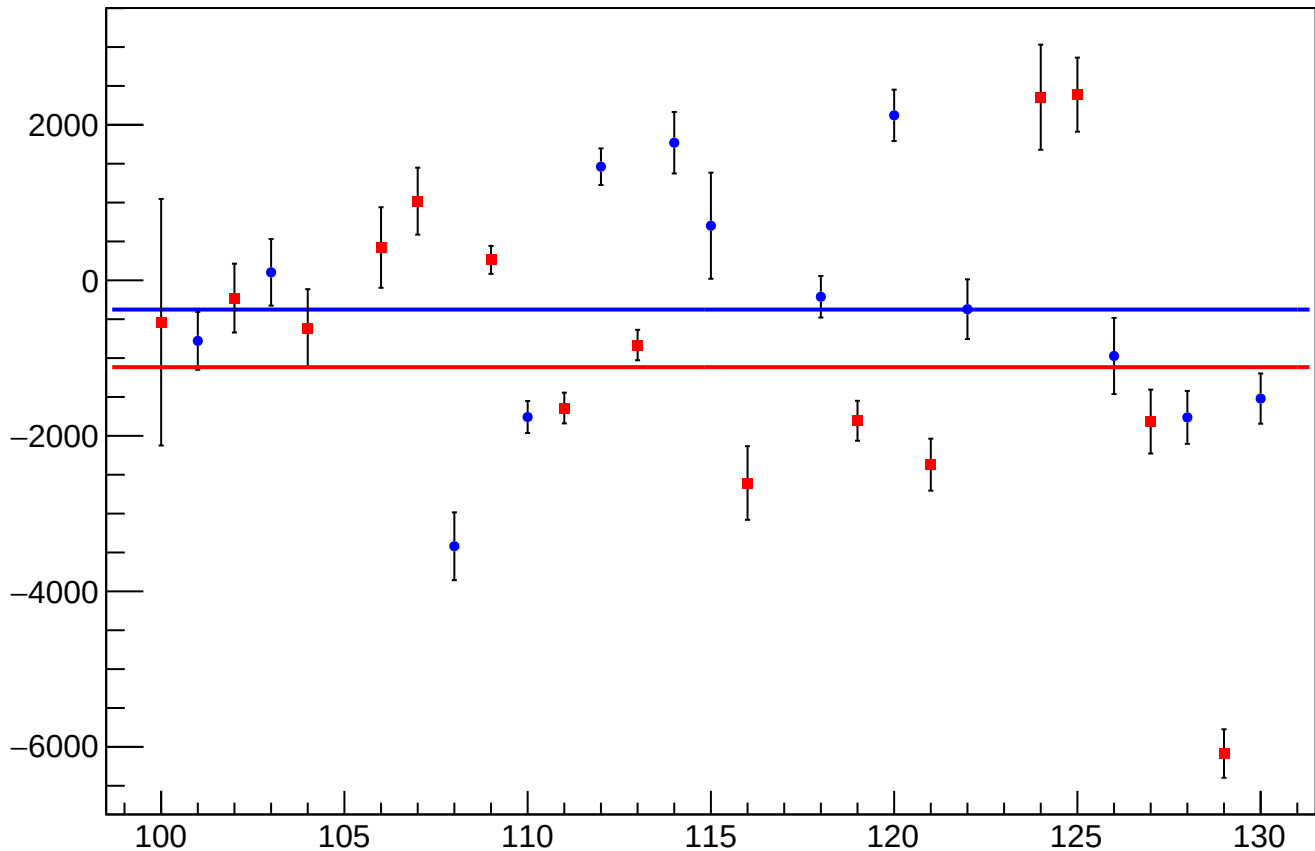
Right: 195.624+/-0.044 χ^2/NDF : 2170851.4/27

In: 206.208+/-0.066 χ^2/NDF : 842326.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.624+/-0.044 χ^2/NDF : 2170851.4/27

asym_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: -375.884+/-91.072 χ^2/NDF : 277.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1116.425+/-80.974 χ^2/NDF : 474.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

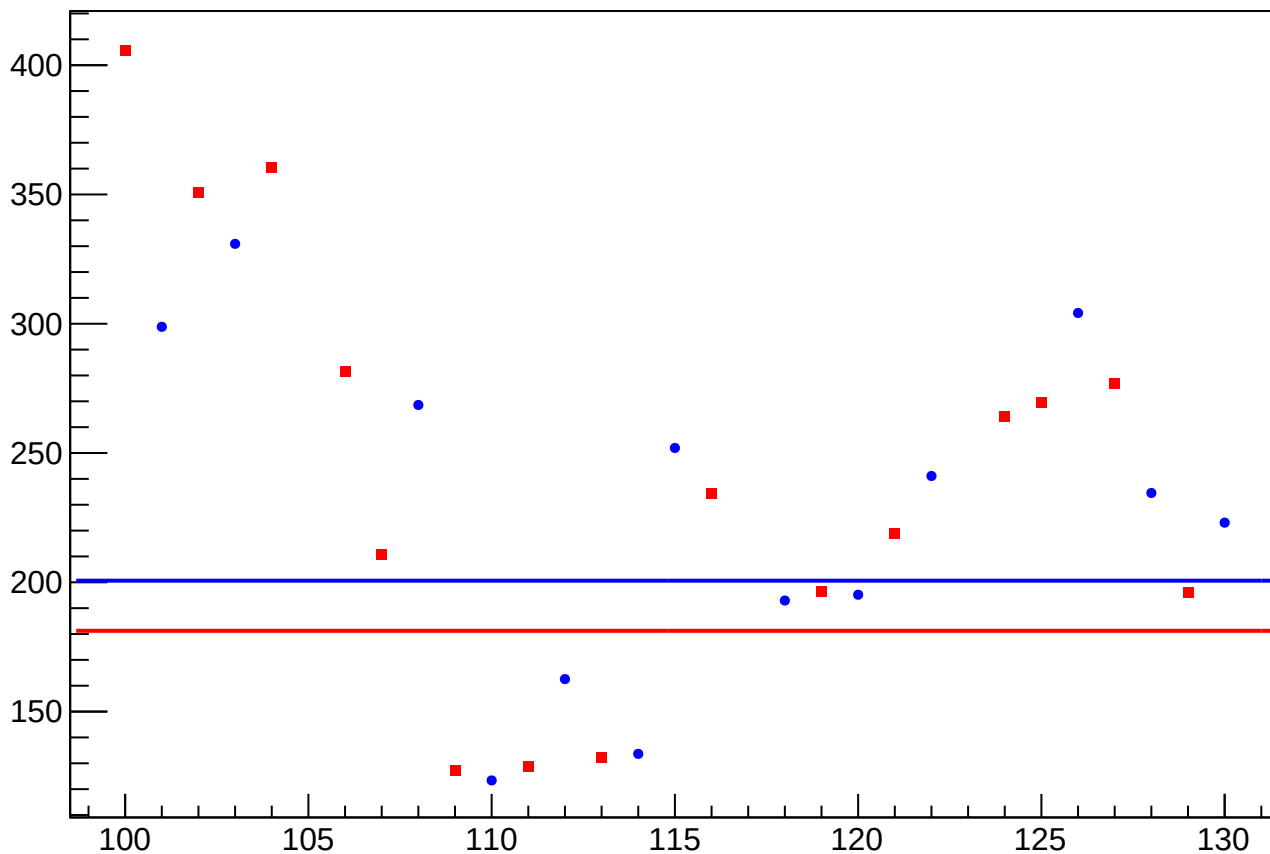
Right: -789.471+/-60.514 χ^2/NDF : 789.4/27

In: -375.884+/-91.072 χ^2/NDF :277.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -789.471+/-60.514 χ^2/NDF : 789.4/27

asym_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 200.628+/-0.064 χ^2/NDF : 920143.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 181.249+/-0.057 χ^2/NDF : 1384857.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

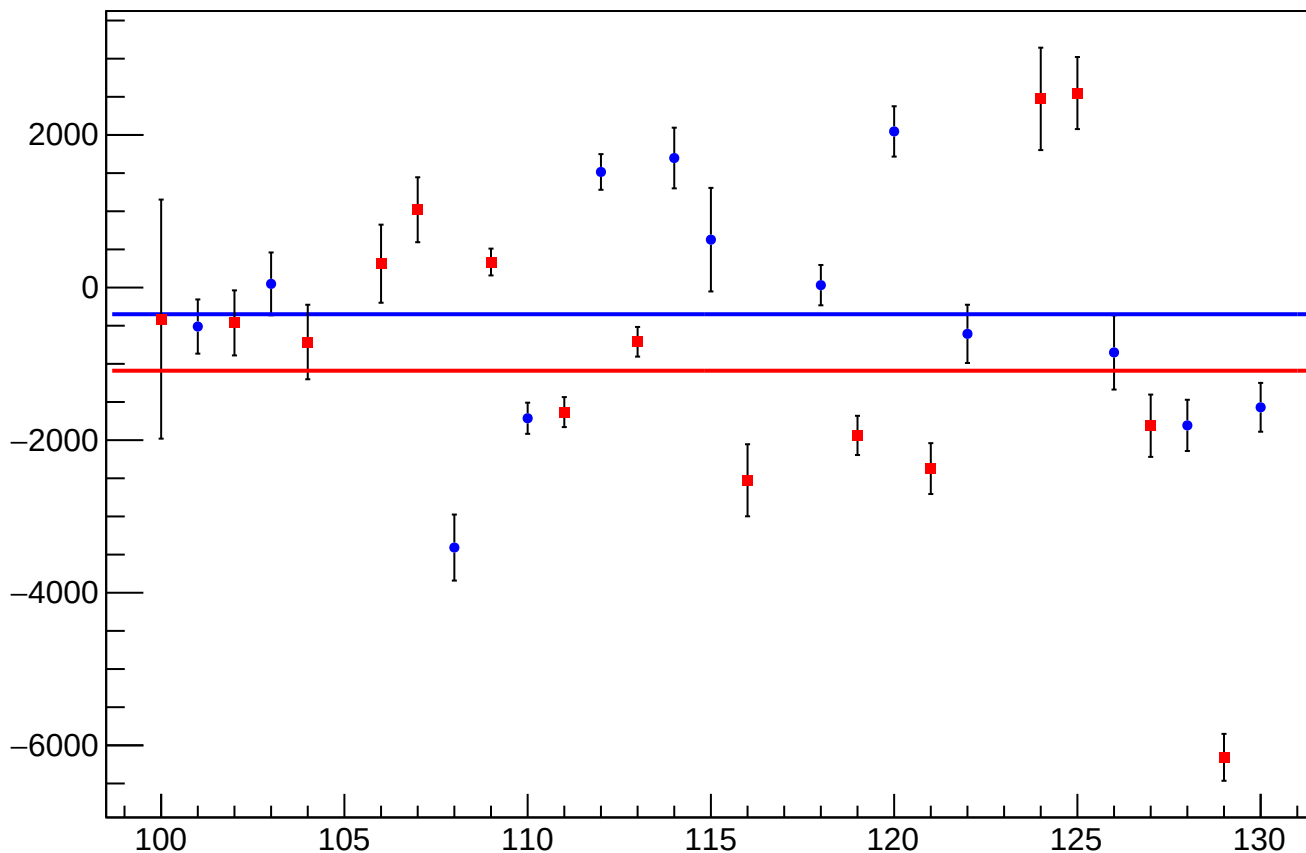
Right: 189.805+/-0.043 χ^2/NDF : 2355575.0/27

In: 200.628+/-0.064 χ^2/NDF : 920143.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 189.805+/-0.043 χ^2/NDF : 2355575.0/27

asym_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: -349.549+/-90.095 χ^2/NDF : 277.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1089.882+/-80.043 χ^2/NDF : 509.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

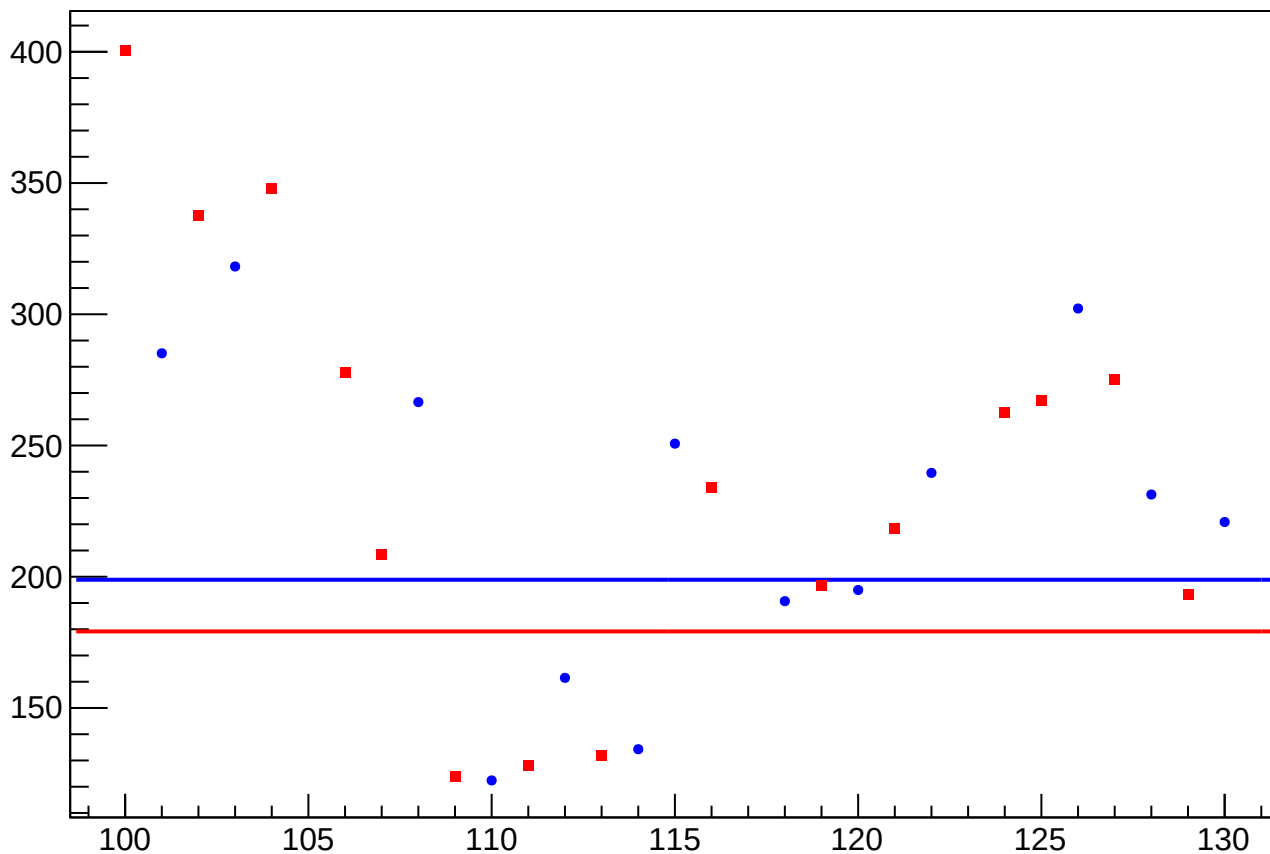
Right: -763.302+/-59.838 χ^2/NDF : 824.7/27

In: -349.549+/-90.095 χ^2/NDF :277.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -763.302+/-59.838 χ^2/NDF : 824.7/27

asym_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 198.857+/-0.064 χ^2/NDF : 874481.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 179.167+/-0.057 χ^2/NDF : 1371081.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

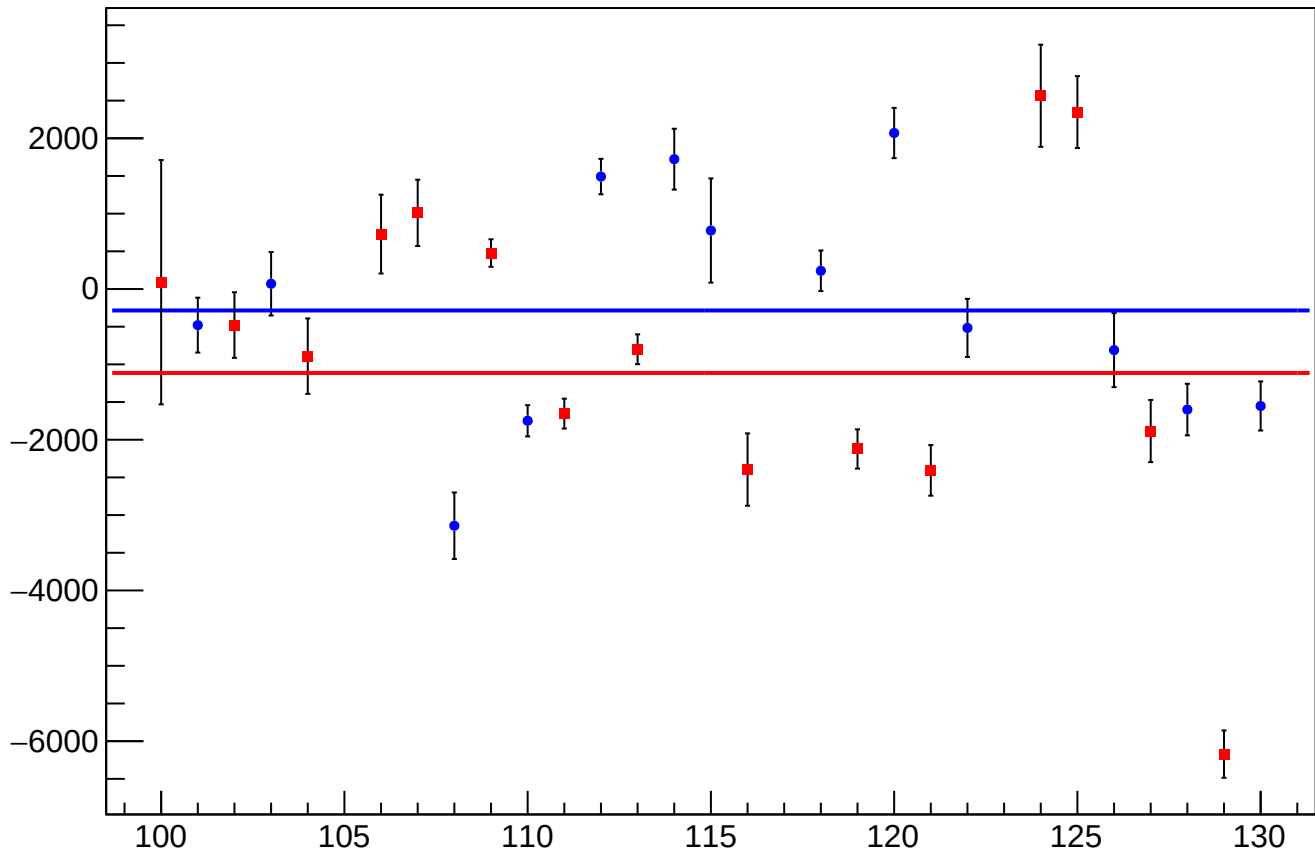
Right: 187.853+/-0.042 χ^2/NDF : 2298951.3/27

In: 198.857+/-0.064 χ^2/NDF : 874481.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 187.853+/-0.042 χ^2/NDF : 2298951.3/27

asym_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: -284.742+/-91.468 χ^2/NDF : 262.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1113.946+/-81.667 χ^2/NDF : 505.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

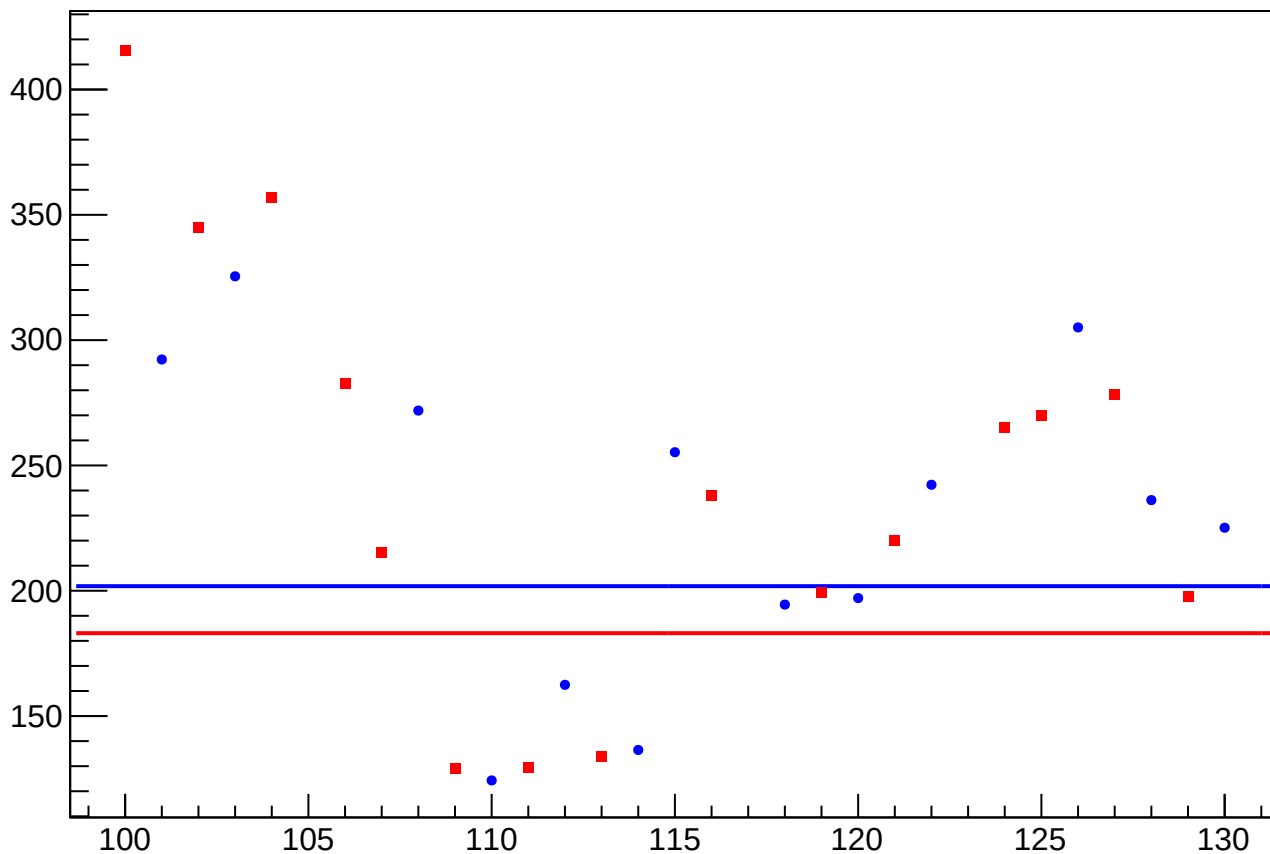
Right: -746.132+/-60.919 χ^2/NDF : 813.8/27

In: -284.742+/-91.468 χ^2/NDF :262.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -746.132+/-60.919 χ^2/NDF : 813.8/27

asym_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 201.829+/-0.065 χ^2/NDF : 889556.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 183.070+/-0.058 χ^2/NDF : 1349383.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

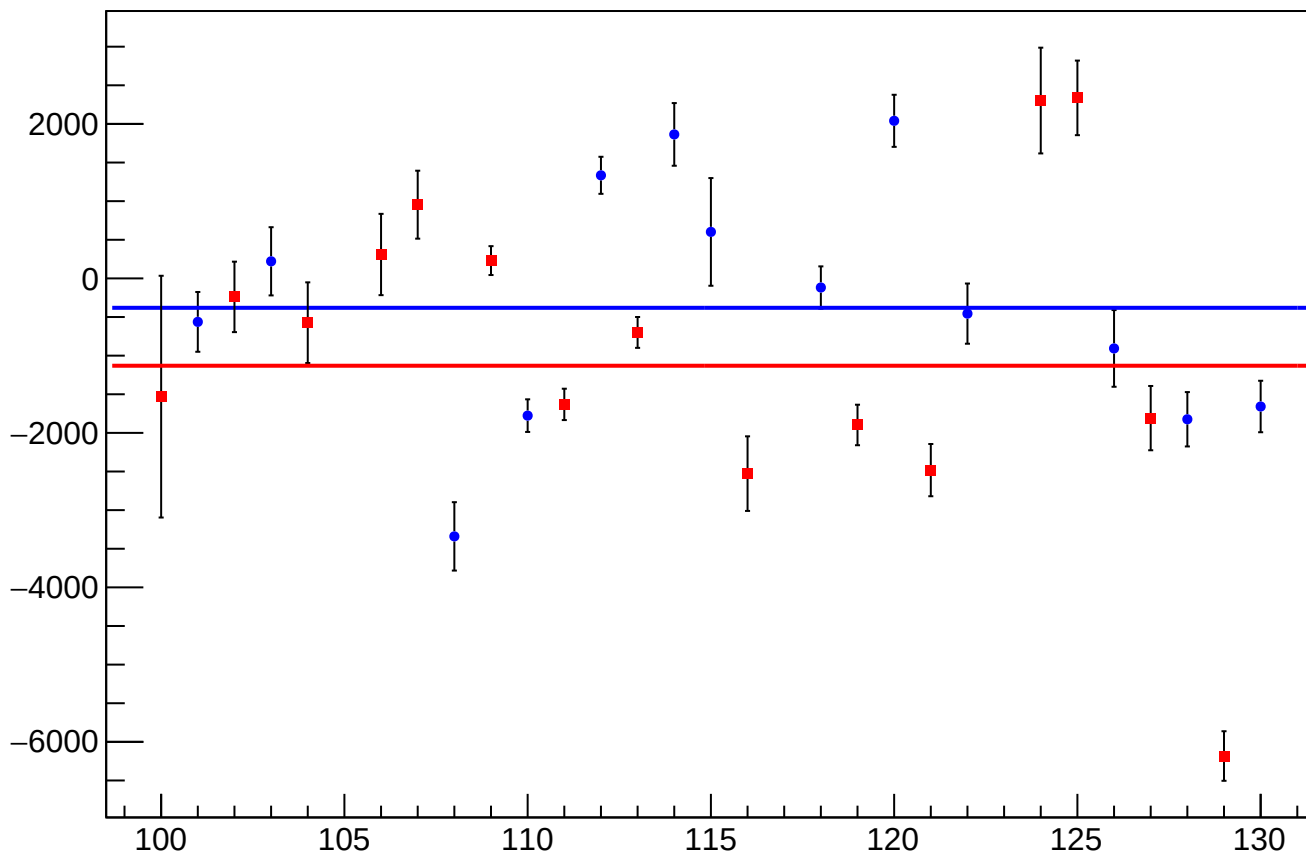
Right: 191.391+/-0.043 χ^2/NDF : 2285749.3/27

In: 201.829+/-0.065 χ^2/NDF : 889556.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.391+/-0.043 χ^2/NDF : 2285749.3/27

asym_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: -380.697+/-93.363 χ^2/NDF : 259.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1130.659+/-83.025 χ^2/NDF : 459.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

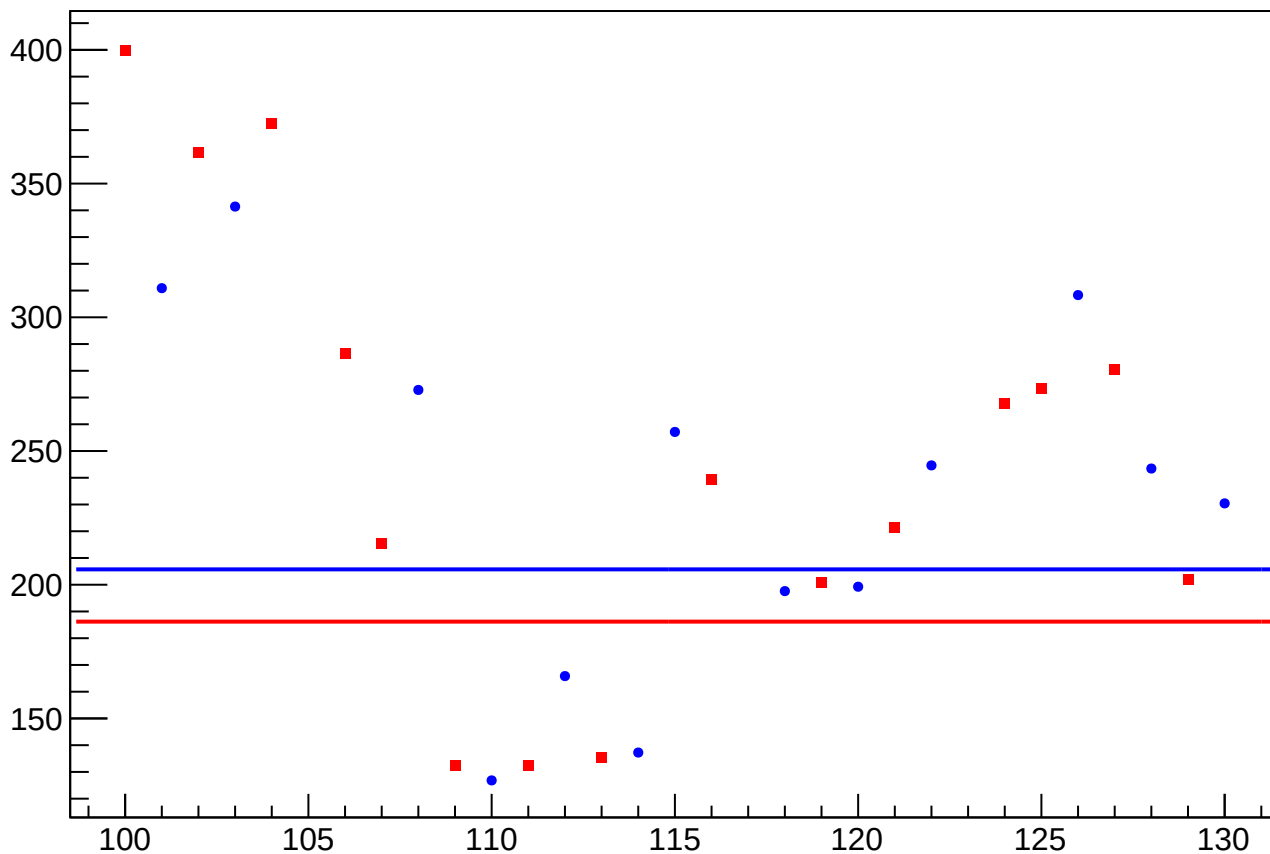
Right: -799.486+/-62.042 χ^2/NDF : 754.4/27

In: -380.697+/-93.363 χ^2/NDF : 259.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -799.486+/-62.042 χ^2/NDF : 754.4/27

asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 205.743+/-0.066 χ^2/NDF : 926471.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 186.202+/-0.059 χ^2/NDF : 1358431.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

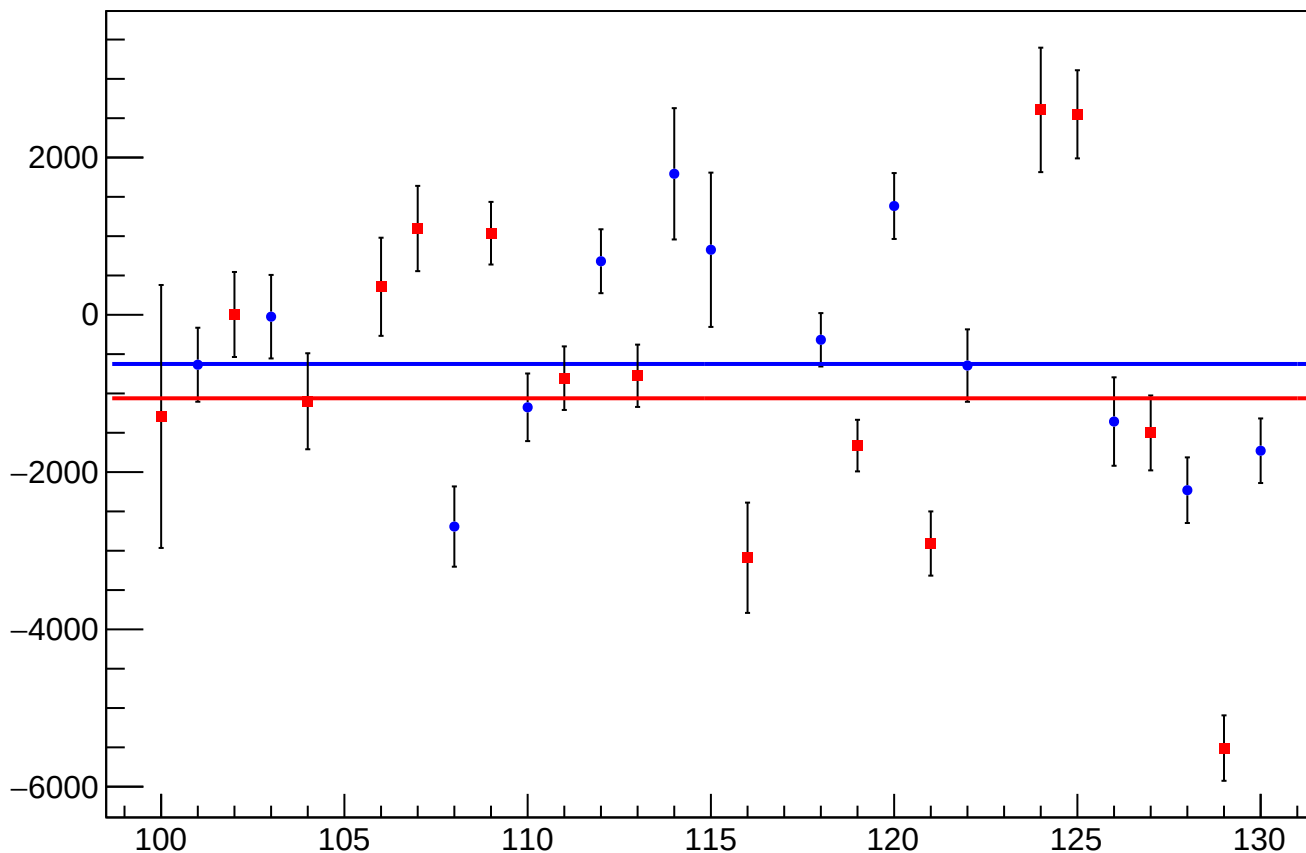
Right: 194.831+/-0.044 χ^2/NDF : 2333828.1/27

In: 205.743+/-0.066 χ^2/NDF : 926471.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 194.831+/-0.044 χ^2/NDF : 2333828.1/27

asym_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: -625.133+/-129.343 χ^2/NDF : 87.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1061.591+/-125.464 χ^2/NDF : 263.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

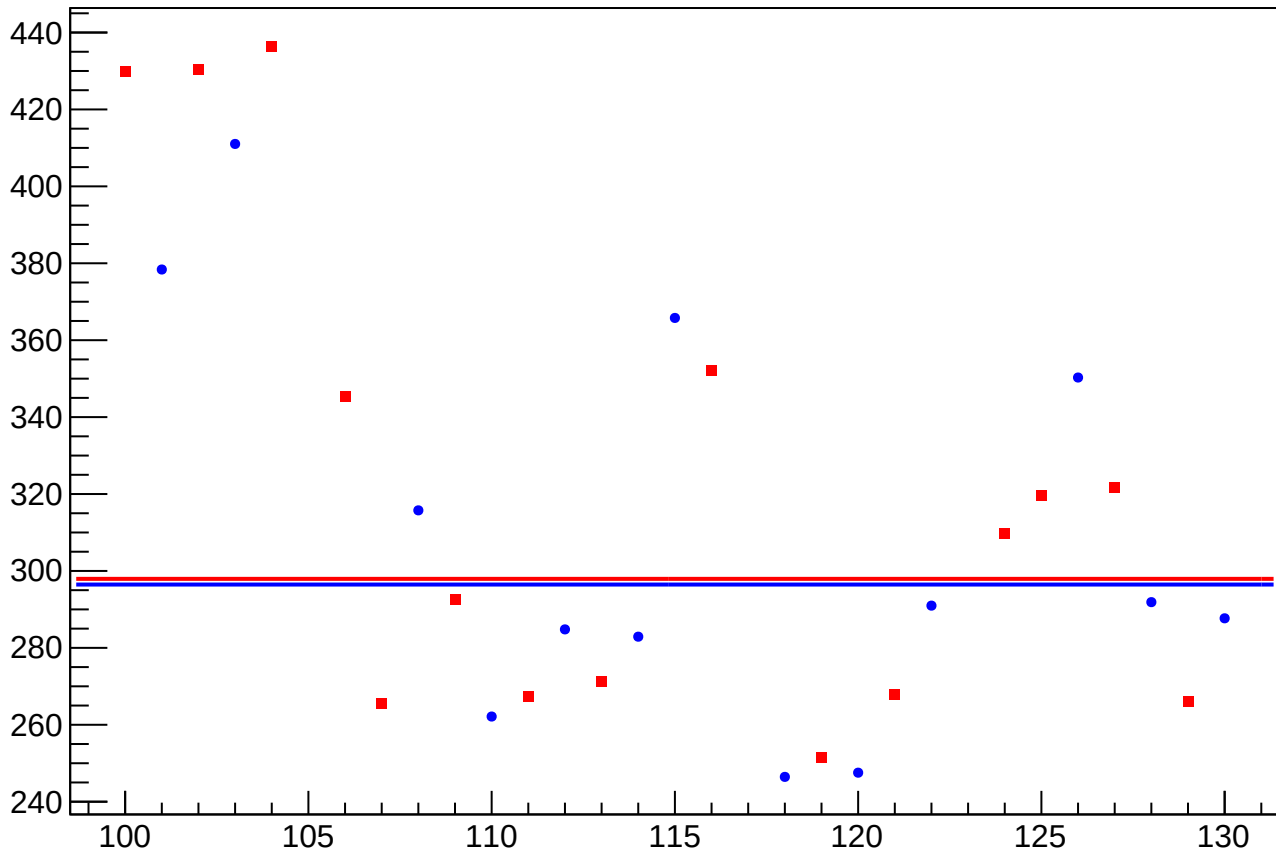
Right: -850.005+/-90.056 χ^2/NDF : 357.6/27

In: -625.133+/-129.343 χ^2/NDF : 87.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -850.005+/-90.056 χ^2/NDF : 357.6/27

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 296.463+/-0.091 χ^2/NDF : 271945.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 297.944+/-0.089 χ^2/NDF : 358066.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

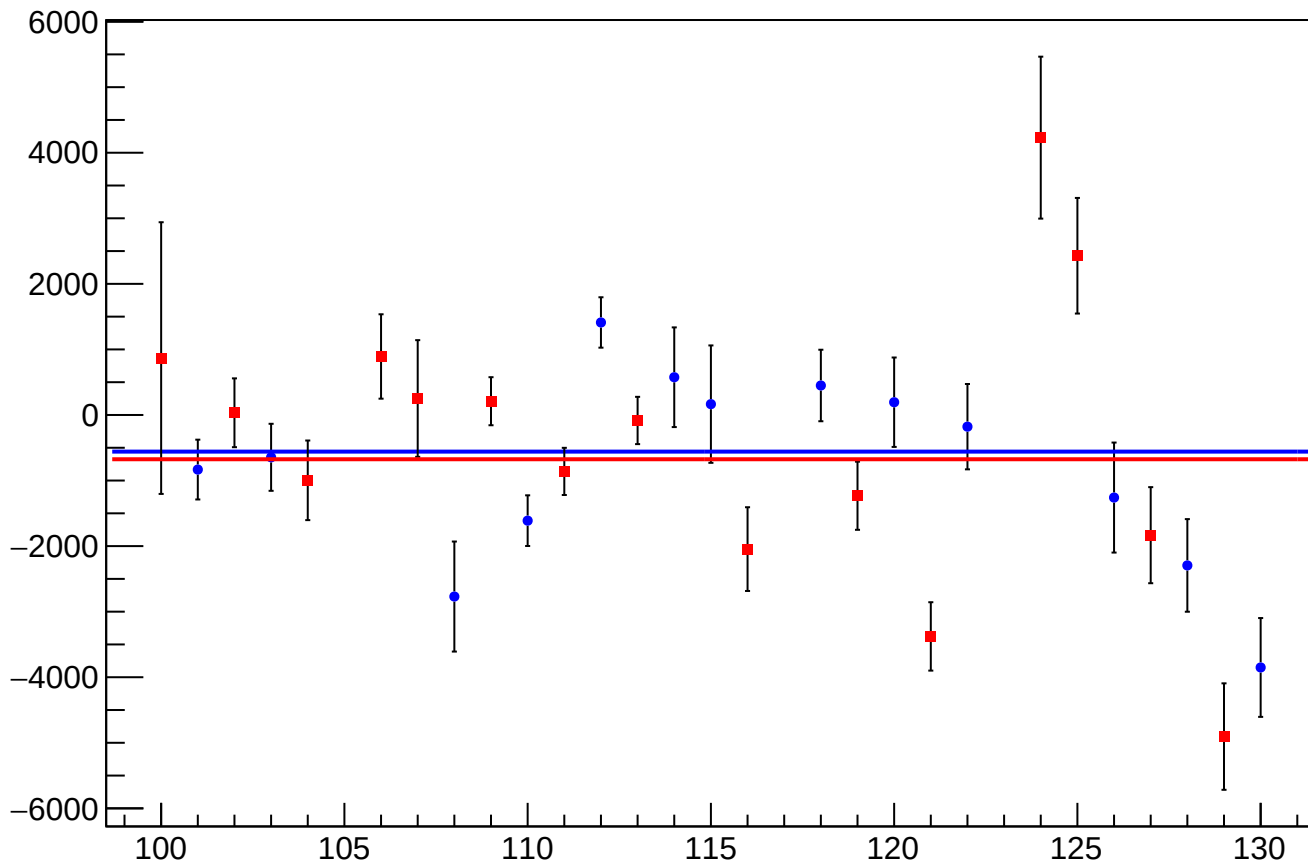
Right: 297.226+/-0.064 χ^2/NDF : 630146.2/27

In: 296.463+/-0.091 χ^2/NDF : 271945.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 297.226+/-0.064 χ^2/NDF : 630146.2/27

asym_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: -558.734+/-159.003 χ^2/NDF : 74.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -675.232+/-143.939 χ^2/NDF : 108.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

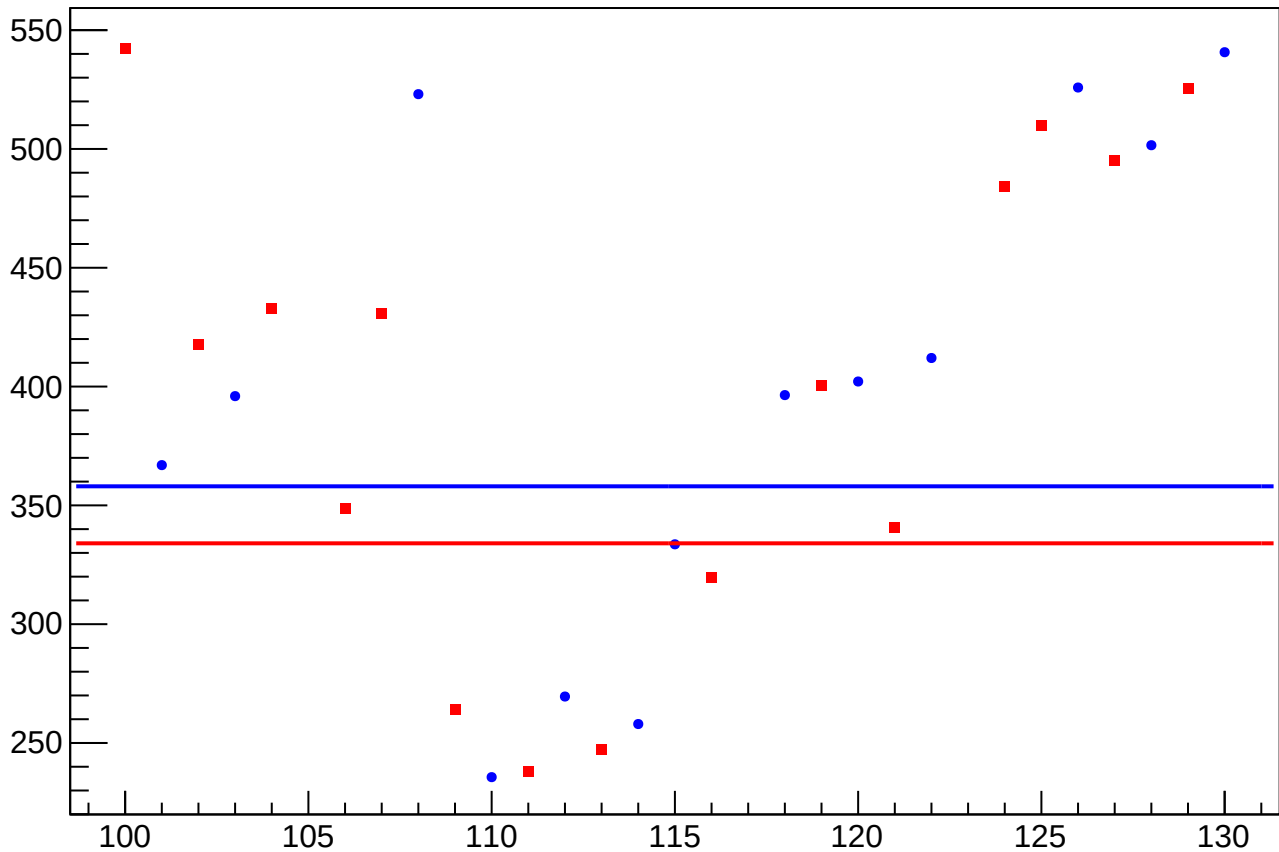
Right: -622.762+/-106.710 χ^2/NDF : 183.9/27

In: -558.734+/-159.003 χ^2/NDF : 74.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -622.762+/-106.710 χ^2/NDF : 183.9/27

asym_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 358.018+/-0.112 χ^2/NDF : 743993.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 334.028+/-0.102 χ^2/NDF : 830620.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

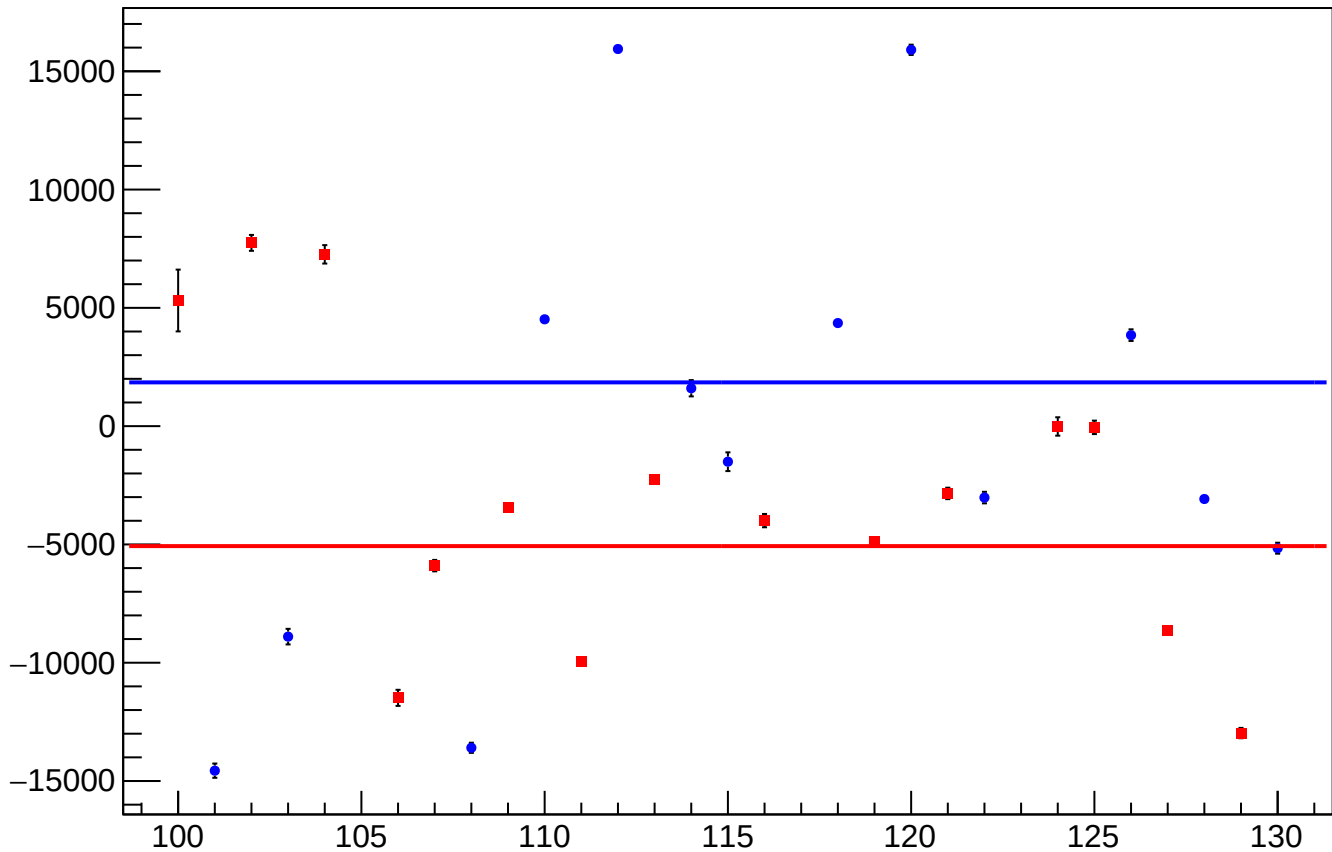
Right: 344.833+/-0.075 χ^2/NDF : 1599637.2/27

In: 358.018+/-0.112 χ^2/NDF : 743993.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 344.833+/-0.075 χ^2/NDF : 1599637.2/27

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 1849.663+/-62.303 χ^2/NDF : 22516.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5070.736+/-59.122 χ^2/NDF : 6467.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

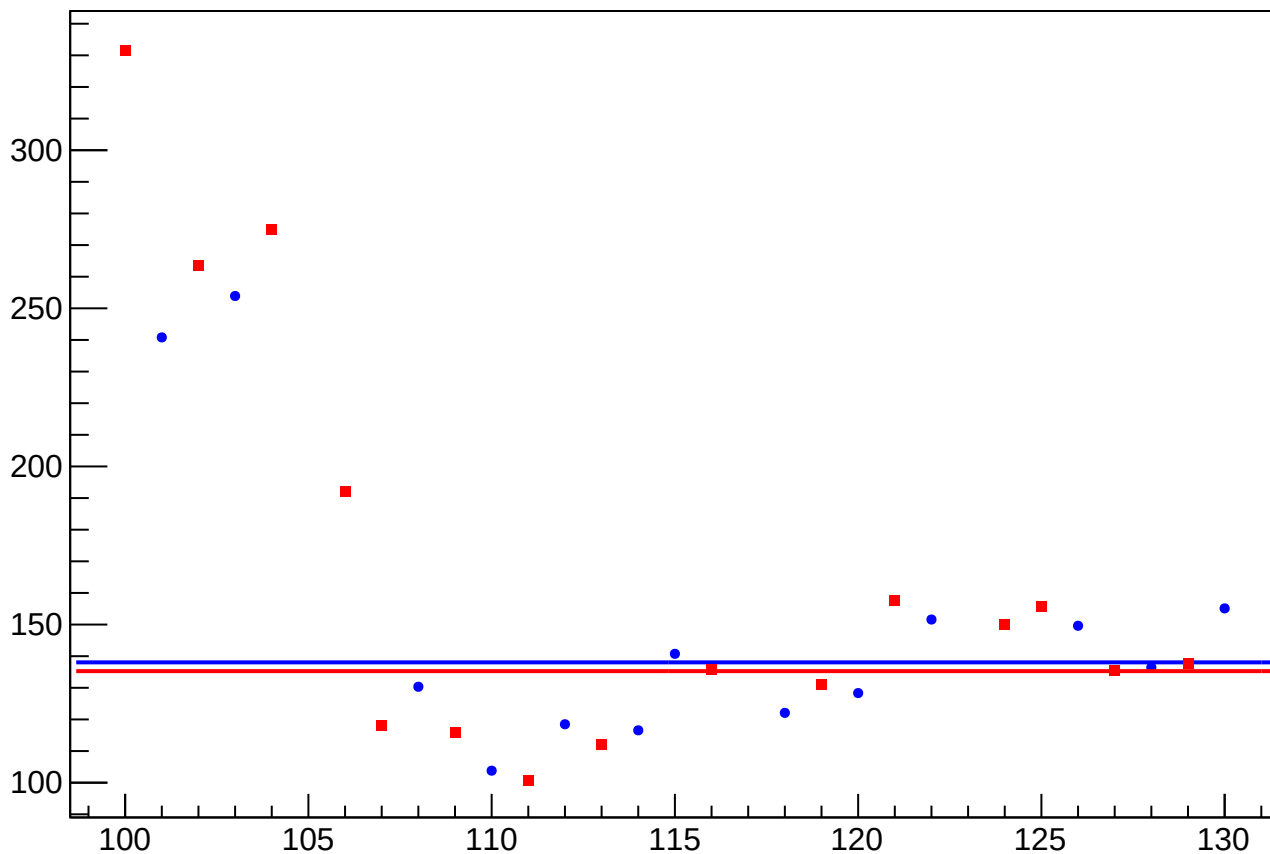
Right: -1791.740+/-42.886 χ^2/NDF : 35475.9/27

In: 1849.663+/-62.303 χ^2/NDF : 22516.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1791.740+/-42.886 χ^2/NDF : 35475.9/27

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 138.048+/-0.044 χ^2/NDF : 637972.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.272+/-0.042 χ^2/NDF : 857550.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

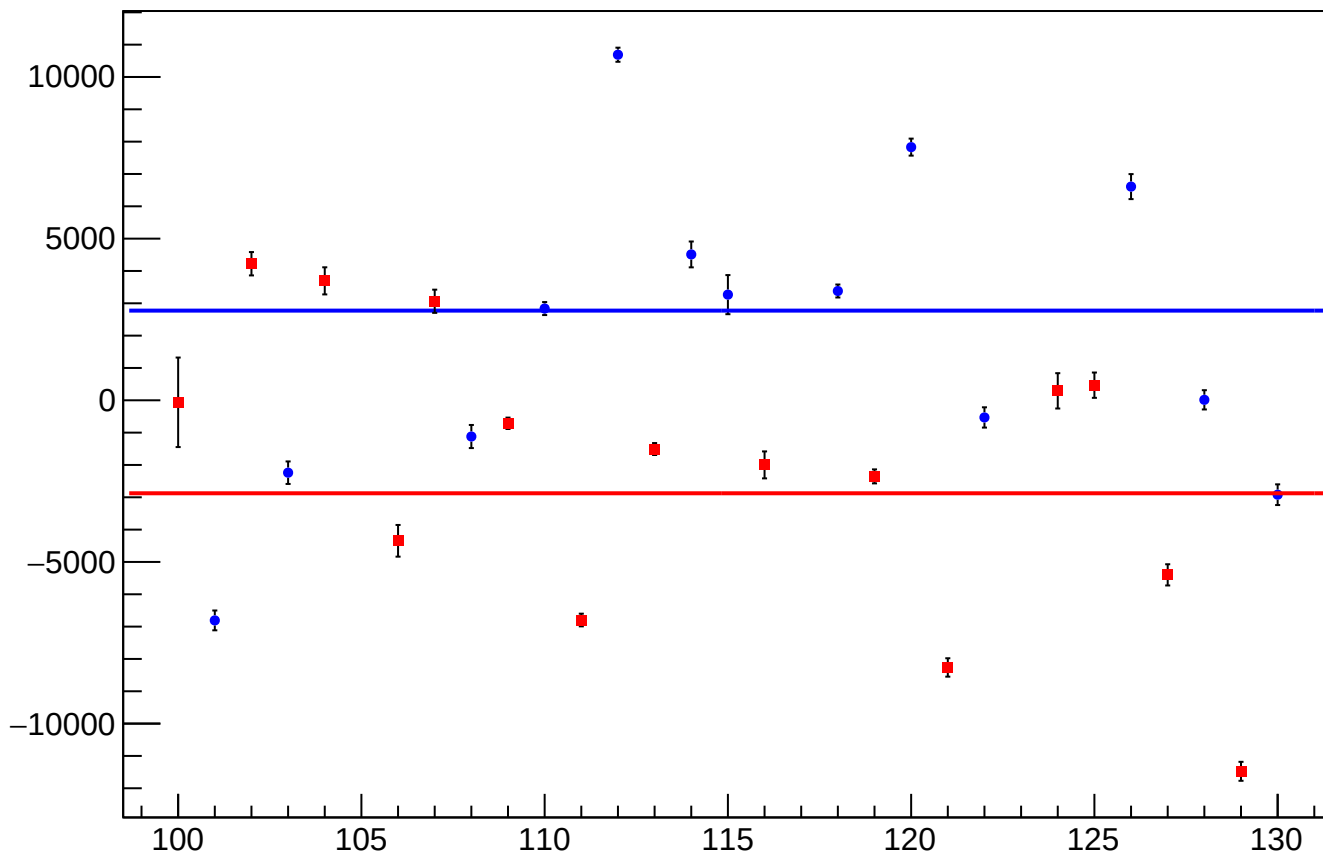
Right: 136.587+/-0.030 χ^2/NDF : 1497611.9/27

In: 138.048+/-0.044 χ^2/NDF : 637972.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.587+/-0.030 χ^2/NDF : 1497611.9/27

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 2773.738+/-79.378 χ^2/NDF : 3629.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2875.984+/-73.790 χ^2/NDF : 2918.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

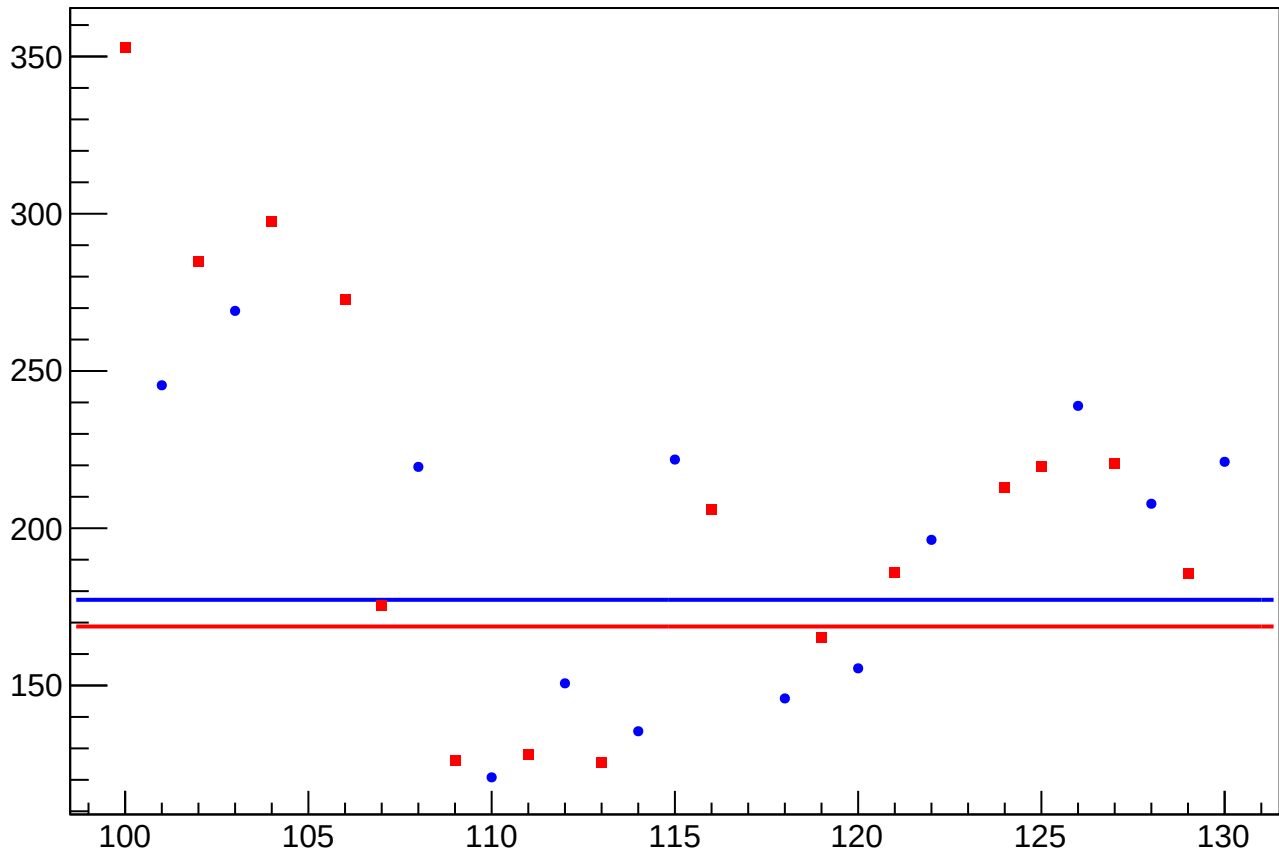
Right: -256.977+/-54.045 χ^2/NDF : 9266.3/27

In: 2773.738+/-79.378 χ^2/NDF :3629.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -256.977+/-54.045 χ^2/NDF : 9266.3/27

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 177.244+/-0.056 χ^2/NDF : 666115.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 168.757+/-0.052 χ^2/NDF : 963098.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

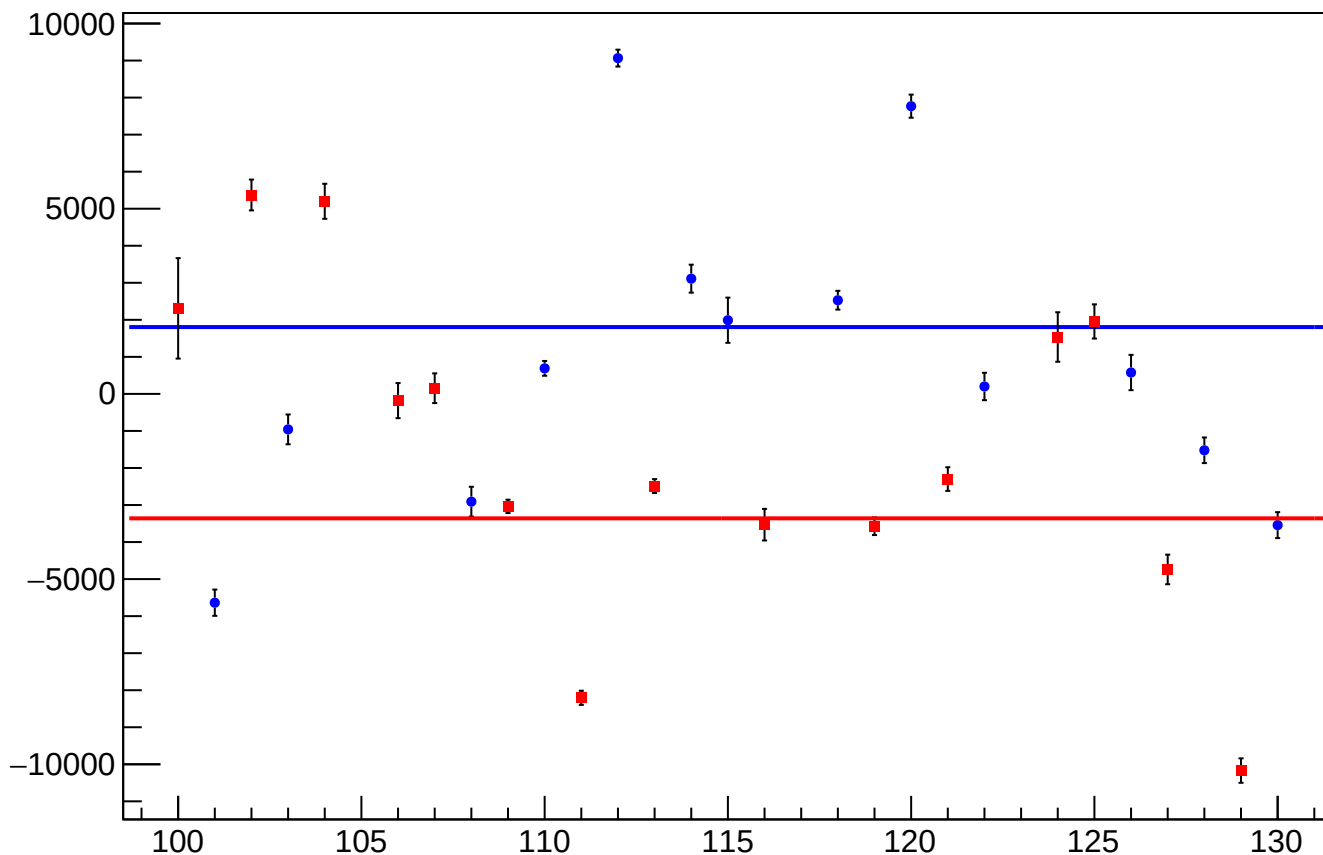
Right: 172.691+/-0.038 χ^2/NDF : 1641479.2/27

In: 177.244+/-0.056 χ^2/NDF : 666115.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.691+/-0.038 χ^2/NDF : 1641479.2/27

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 1804.419+/-88.255 χ^2 /NDF: 2408.9/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -3359.790+/-78.234 χ^2 /NDF: 2212.3/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

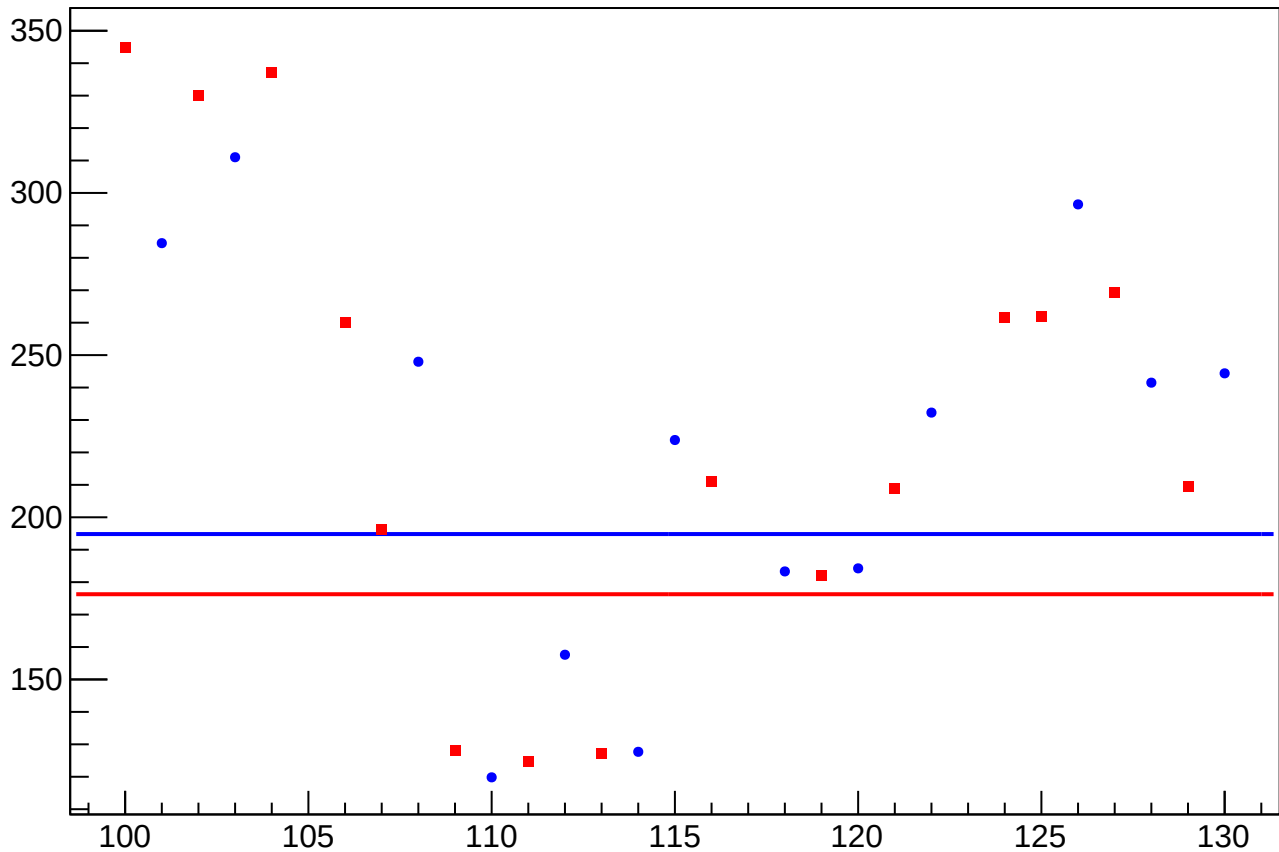
Right: -1087.409+/-58.543 χ^2 /NDF: 6538.5/27

In: 1804.419+/-88.255 χ^2 /NDF:2408.9/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1087.409+/-58.543 χ^2 /NDF: 6538.5/27

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 194.829+/-0.062 χ^2/NDF : 927240.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.279+/-0.055 χ^2/NDF : 1294657.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

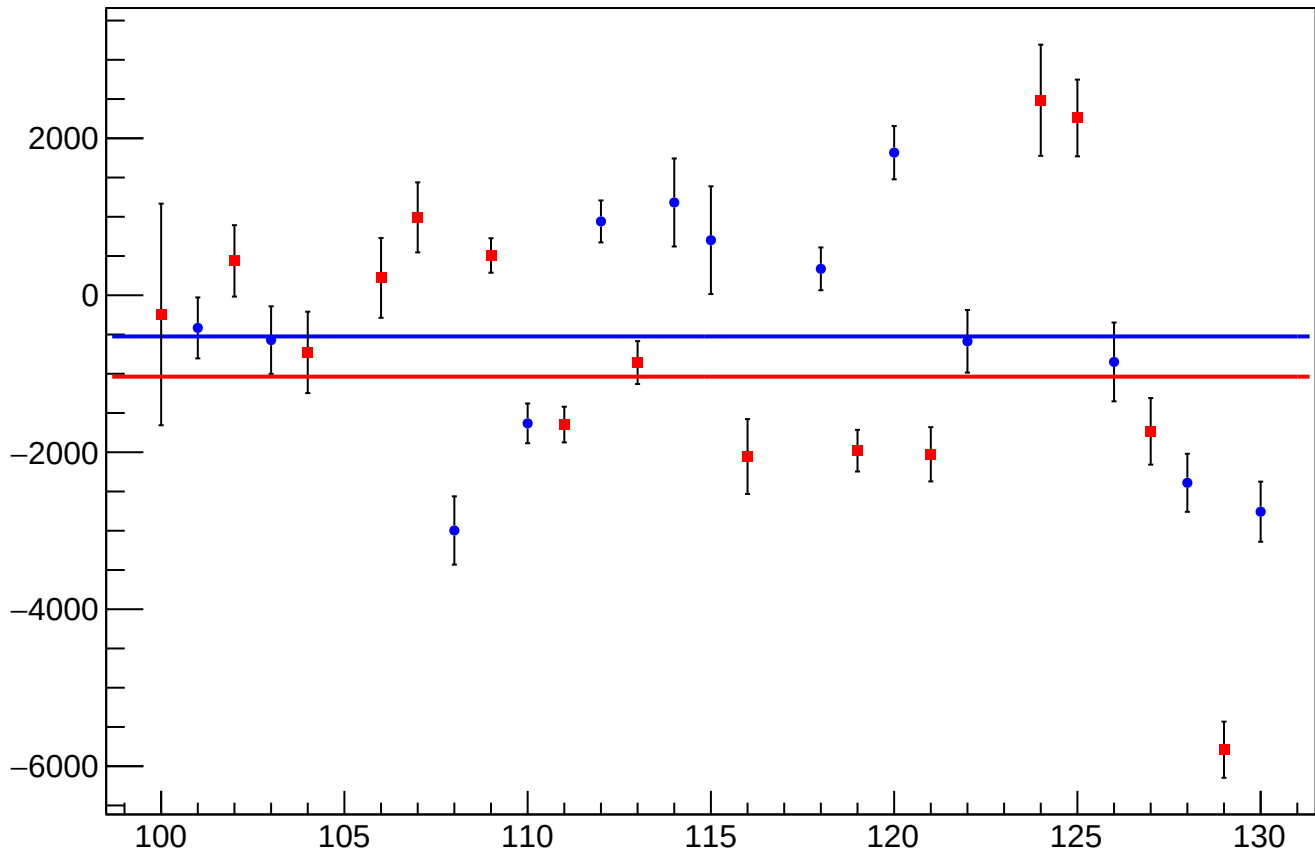
Right: 184.441+/-0.041 χ^2/NDF : 2271374.8/27

In: 194.829+/-0.062 χ^2/NDF : 927240.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.441+/-0.041 χ^2/NDF : 2271374.8/27

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -524.510+/-100.608 χ^2/NDF : 211.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1037.117+/-92.067 χ^2/NDF : 369.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

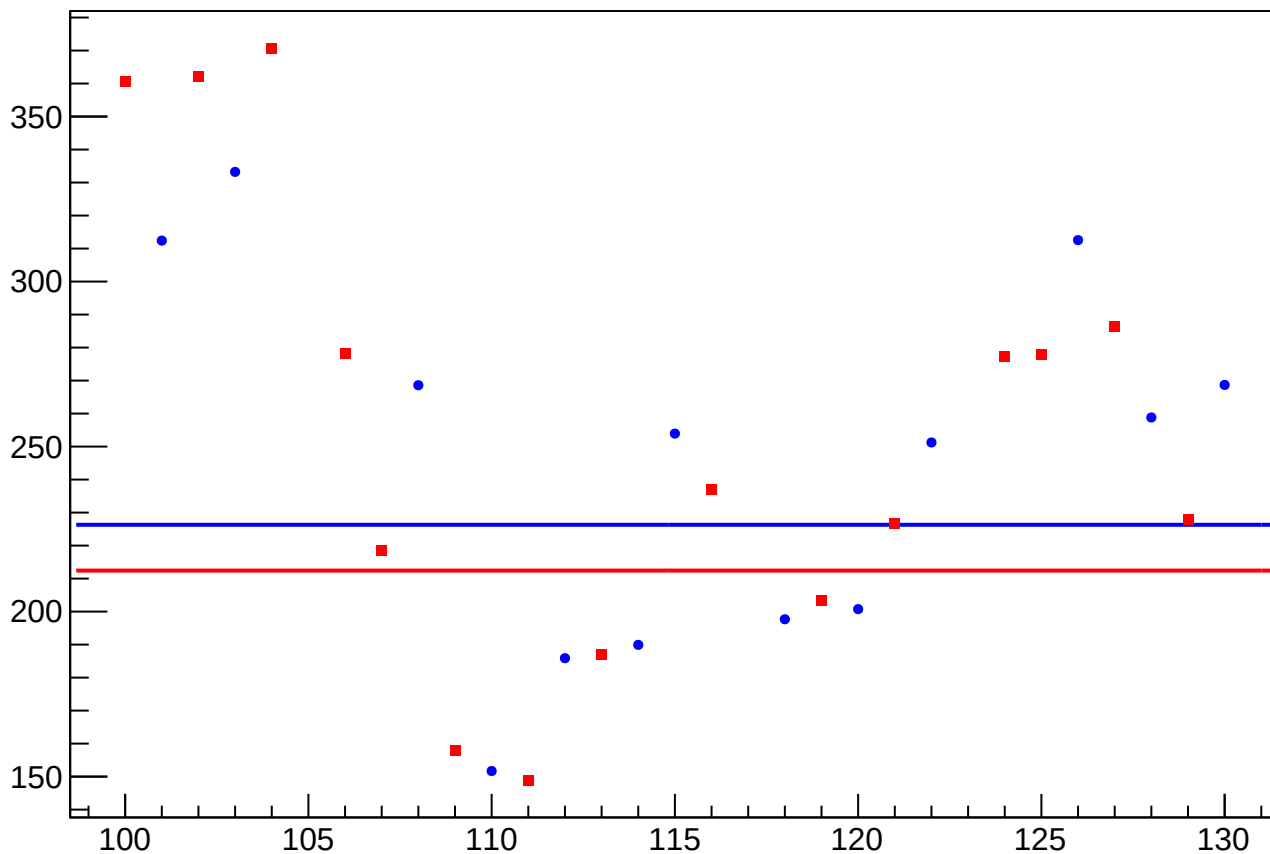
Right: -803.494+/-67.920 χ^2/NDF : 595.5/27

In: -524.510+/-100.608 χ^2/NDF : 211.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -803.494+/-67.920 χ^2/NDF : 595.5/27

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 226.306 ± 0.071 χ^2/NDF : 612389.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 212.430 ± 0.065 χ^2/NDF : 882603.2/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

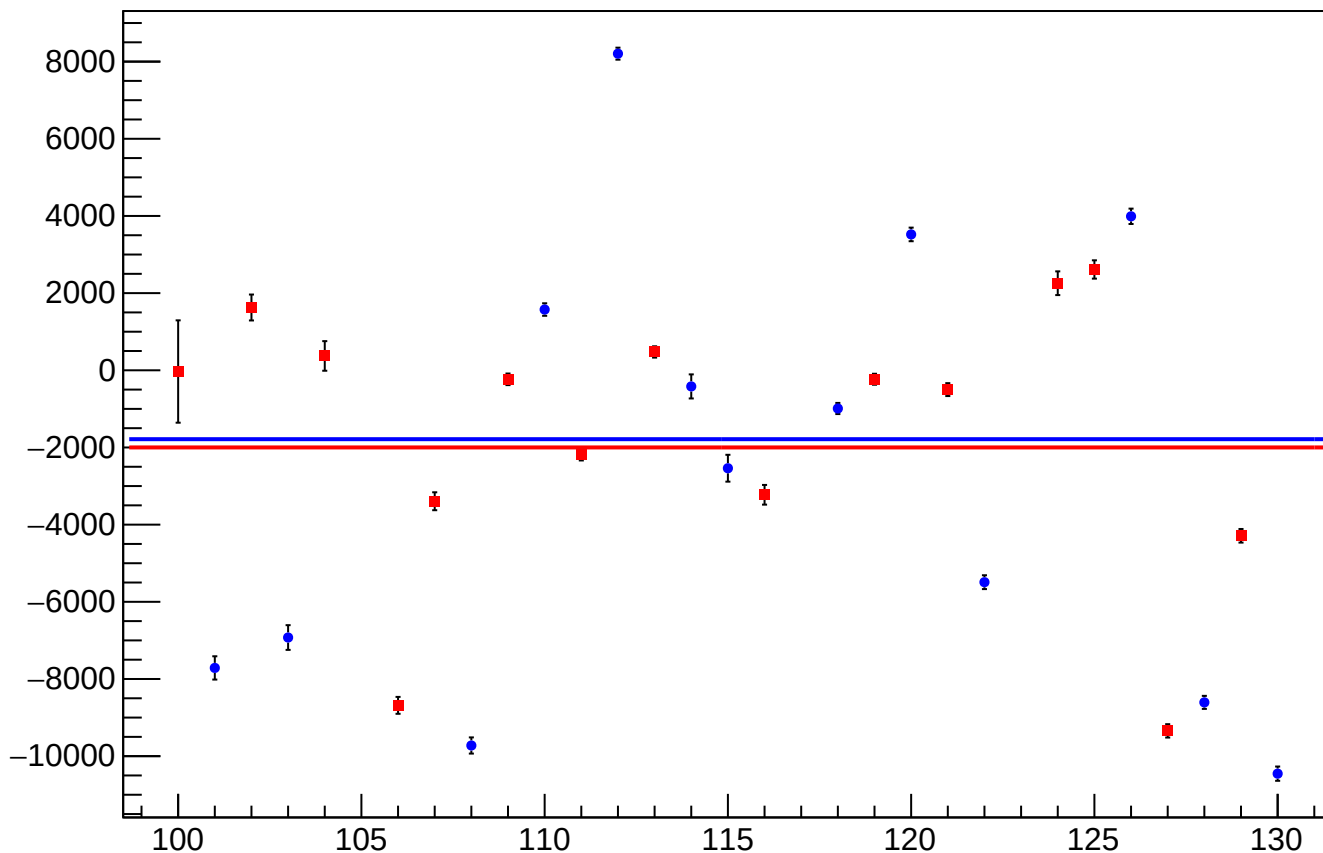
Right: 218.754 ± 0.048 χ^2/NDF : 1515696.4/27

In: 226.306 ± 0.071 χ^2/NDF : 612389.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 218.754 ± 0.048 χ^2/NDF : 1515696.4/27

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -1785.167+/-54.058 χ^2 /NDF: 12688.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1999.212+/-50.759 χ^2 /NDF: 4342.6/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

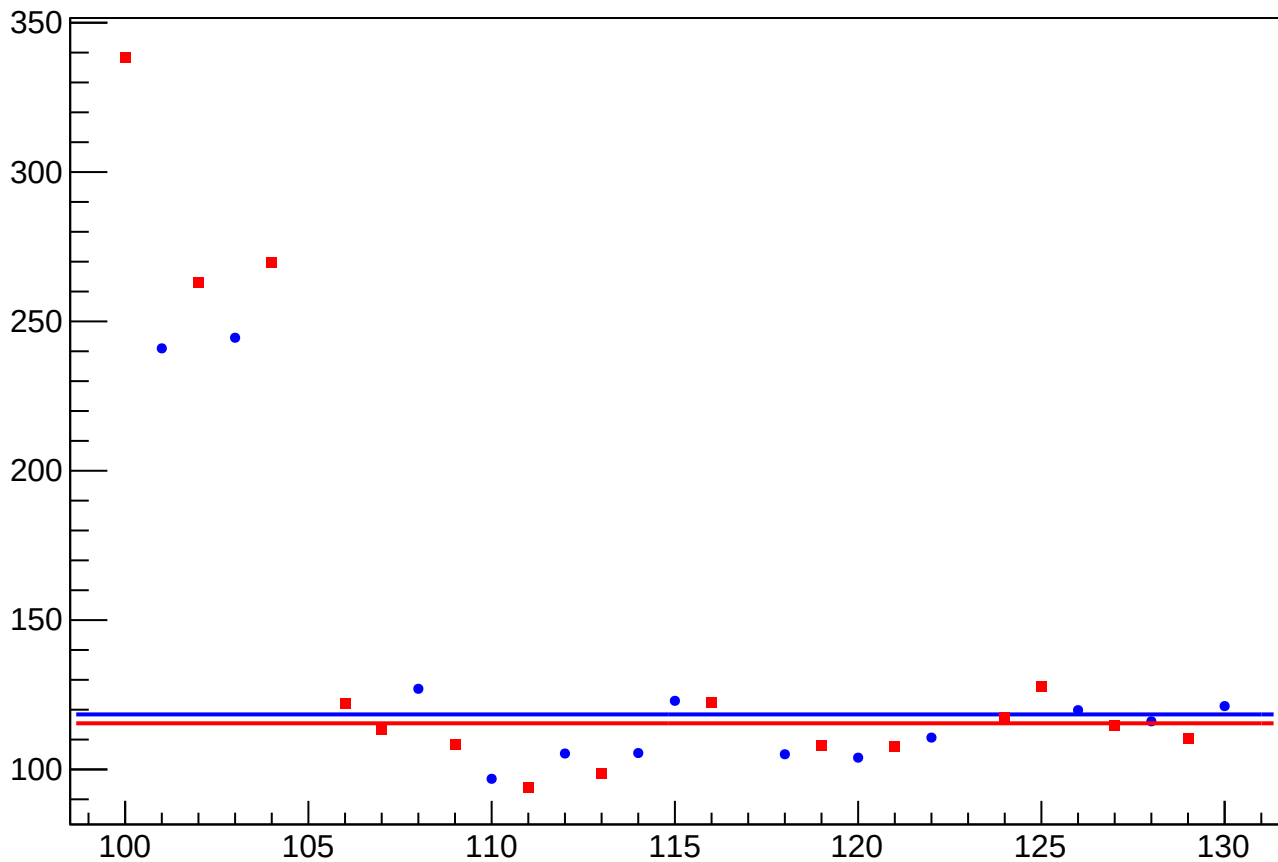
Right: -1898.920+/-37.003 χ^2 /NDF: 17039.5/27

In: -1785.167+/-54.058 χ^2 /NDF:12688.6/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1898.920+/-37.003 χ^2 /NDF: 17039.5/27

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 118.424+/-0.038 χ^2/NDF : 731415.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.445+/-0.036 χ^2/NDF : 862199.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

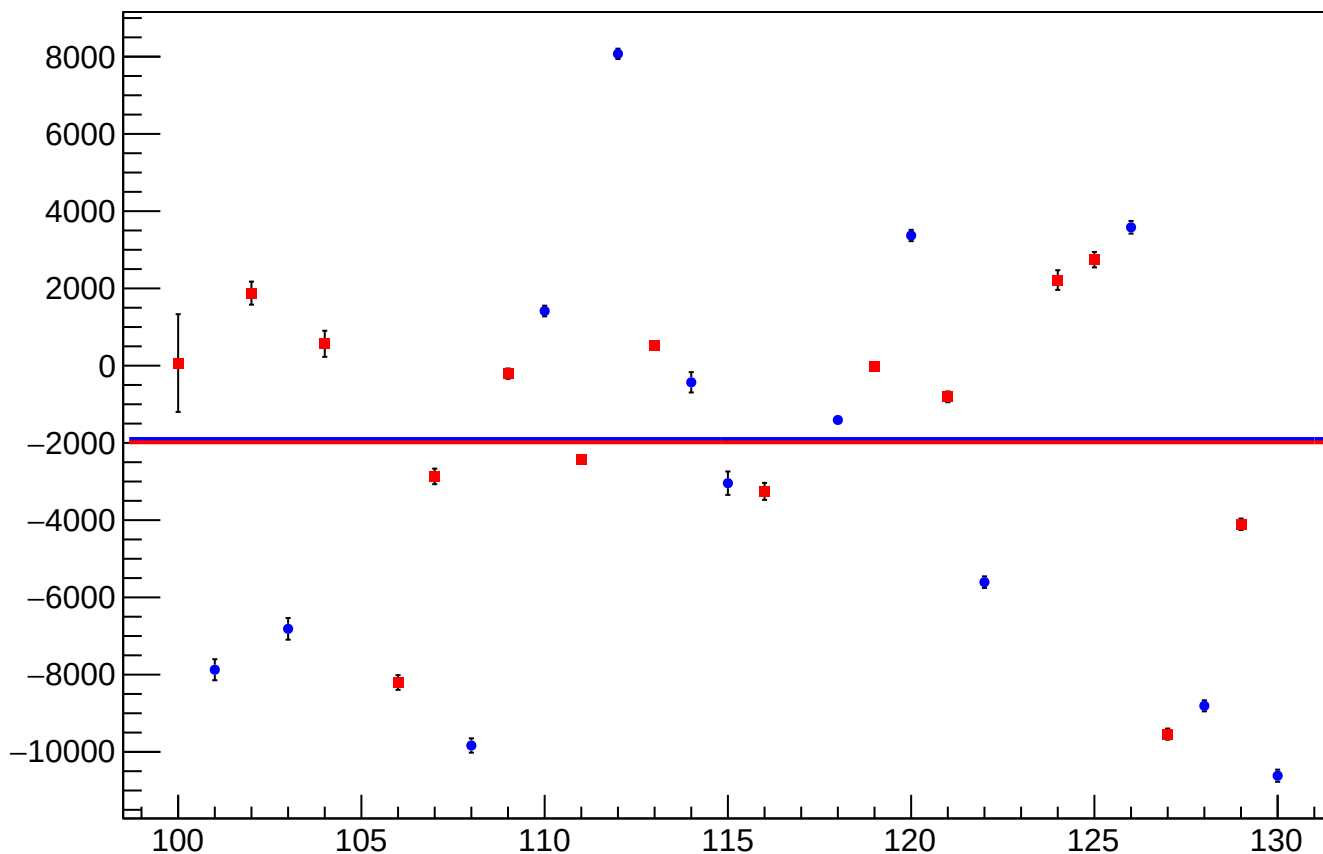
Right: 116.841+/-0.026 χ^2/NDF : 1596842.8/27

In: 118.424+/-0.038 χ^2/NDF : 731415.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.841+/-0.026 χ^2/NDF : 1596842.8/27

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: -1899.975+/-45.881 χ^2 /NDF: 17235.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1983.875+/-43.083 χ^2 /NDF: 6097.1/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

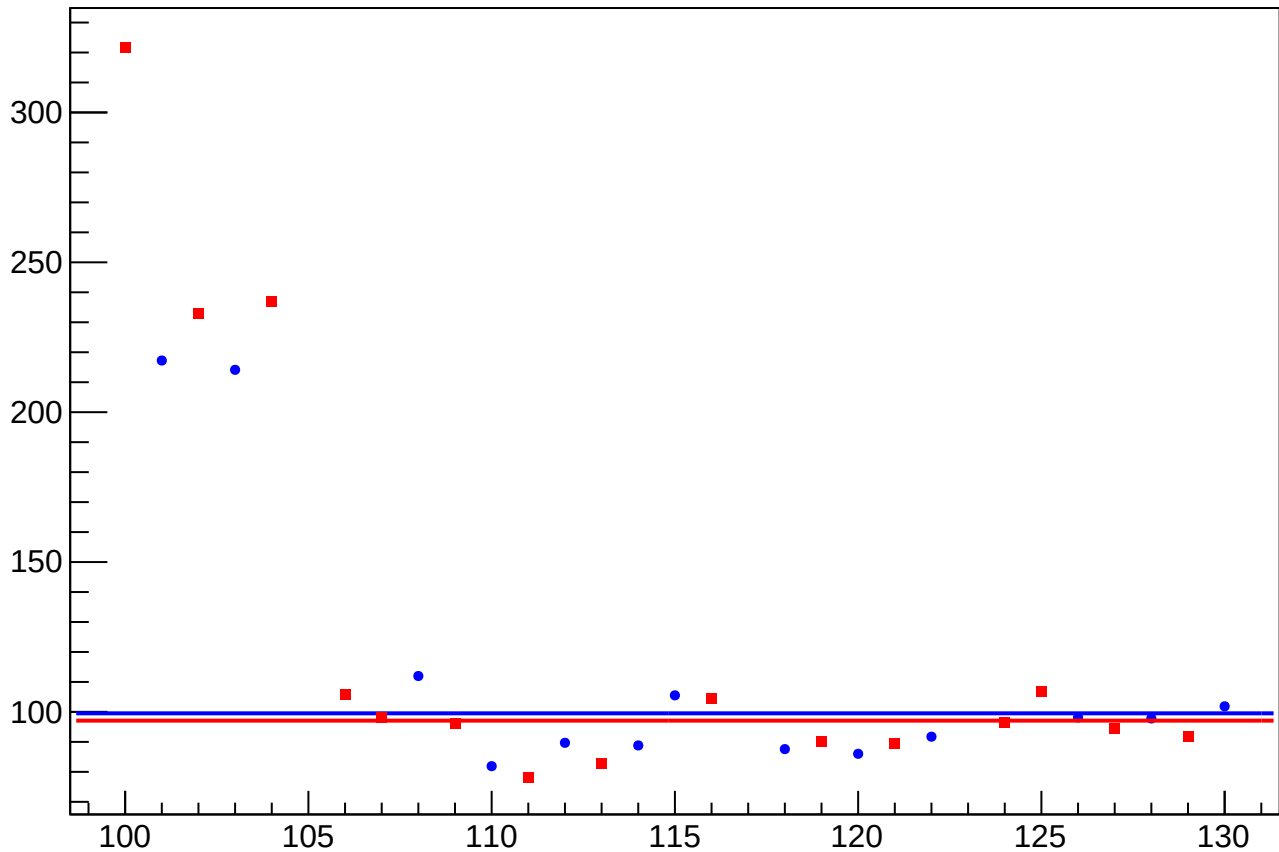
Right: -1944.561+/-31.407 χ^2 /NDF: 23334.6/27

In: -1899.975+/-45.881 χ^2 /NDF:17235.7/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1944.561+/-31.407 χ^2 /NDF: 23334.6/27

asym_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 99.533+/-0.032 χ^2/NDF : 806719.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.097+/-0.030 χ^2/NDF : 923415.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

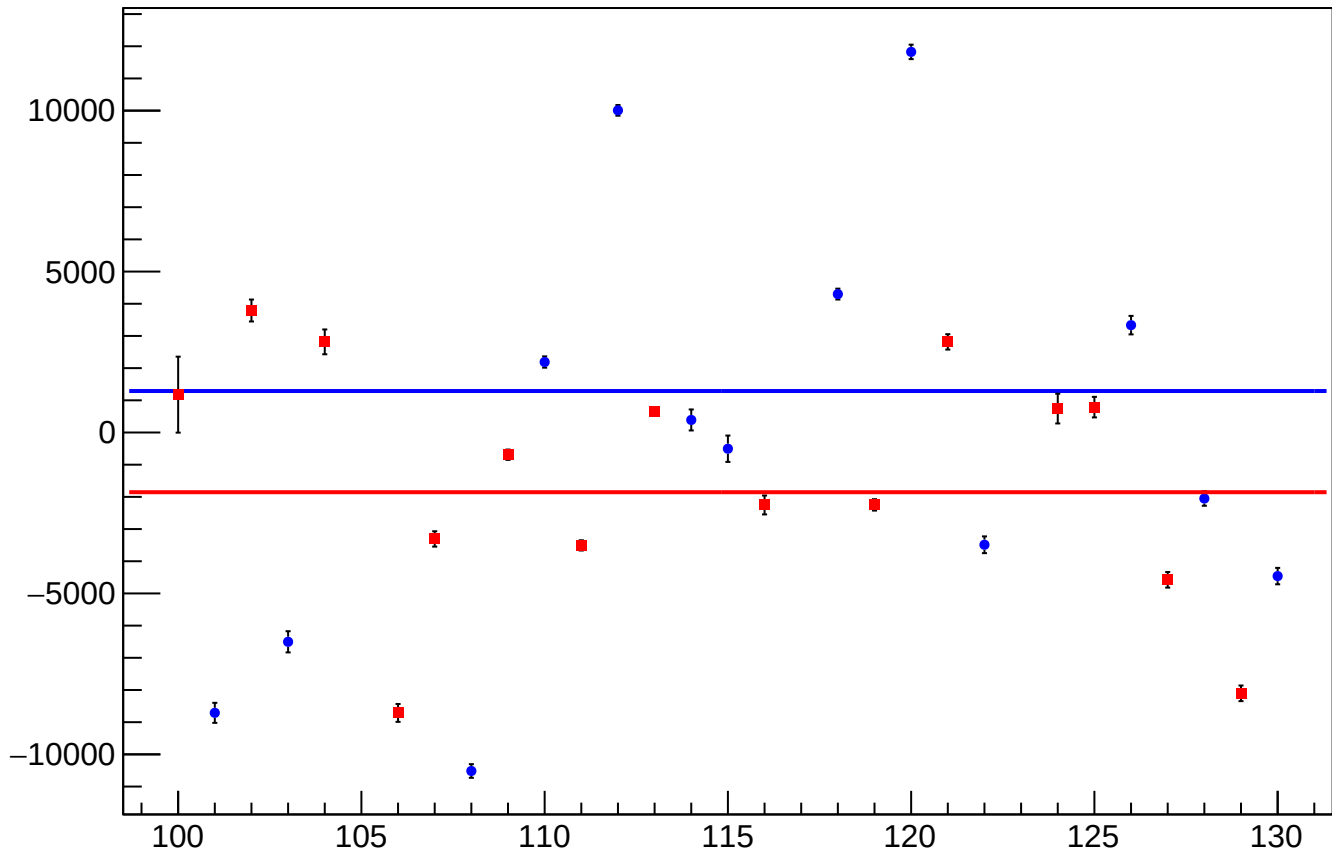
Right: 98.239+/-0.022 χ^2/NDF : 1733130.9/27

In: 99.533+/-0.032 χ^2/NDF : 806719.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.239+/-0.022 χ^2/NDF : 1733130.9/27

asym_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 1288.841+/-64.237 χ^2/NDF : 11119.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1854.993+/-60.310 χ^2/NDF : 2770.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

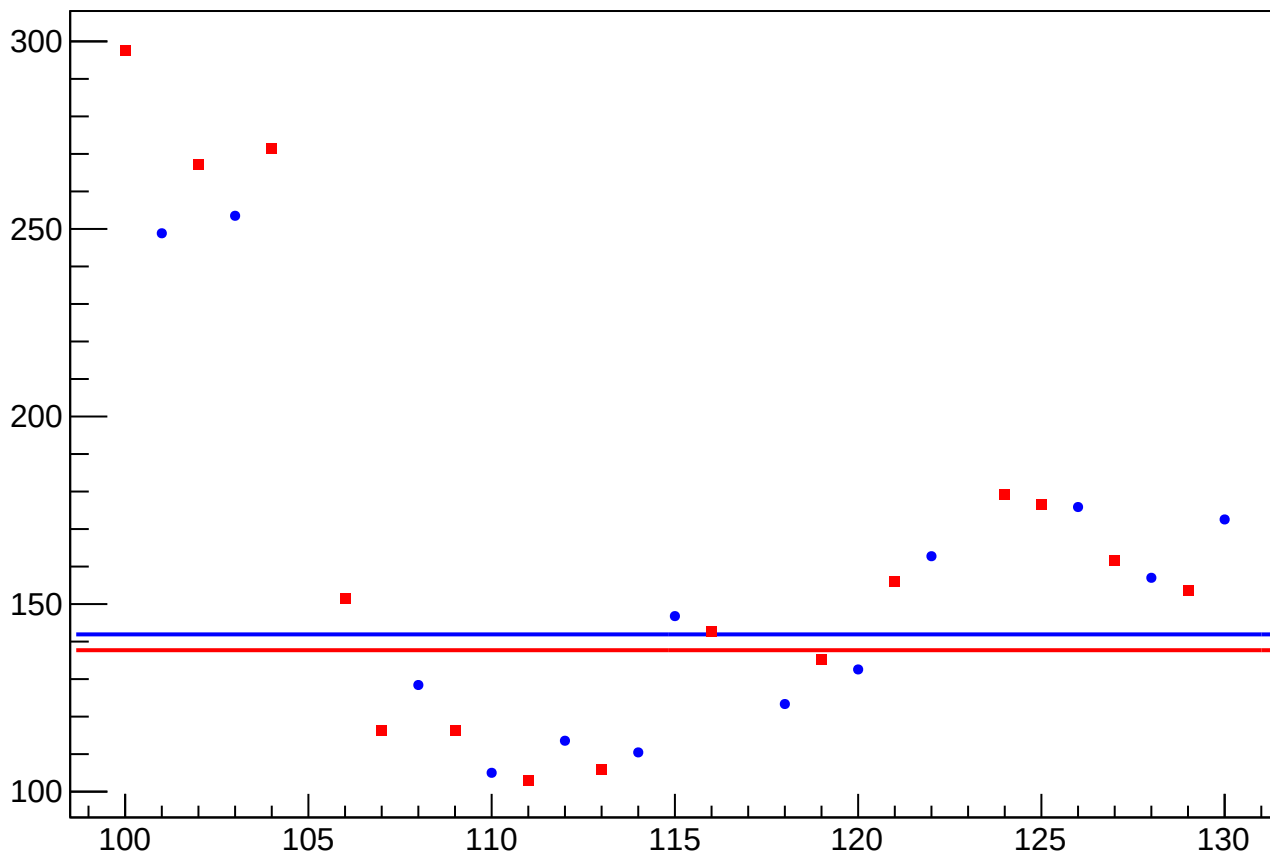
Right: -382.095+/-43.968 χ^2/NDF : 15162.8/27

In: 1288.841+/-64.237 χ^2/NDF :11119.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -382.095+/-43.968 χ^2/NDF : 15162.8/27

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 141.920+/-0.045 χ^2/NDF : 744894.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 137.704+/-0.043 χ^2/NDF : 885046.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

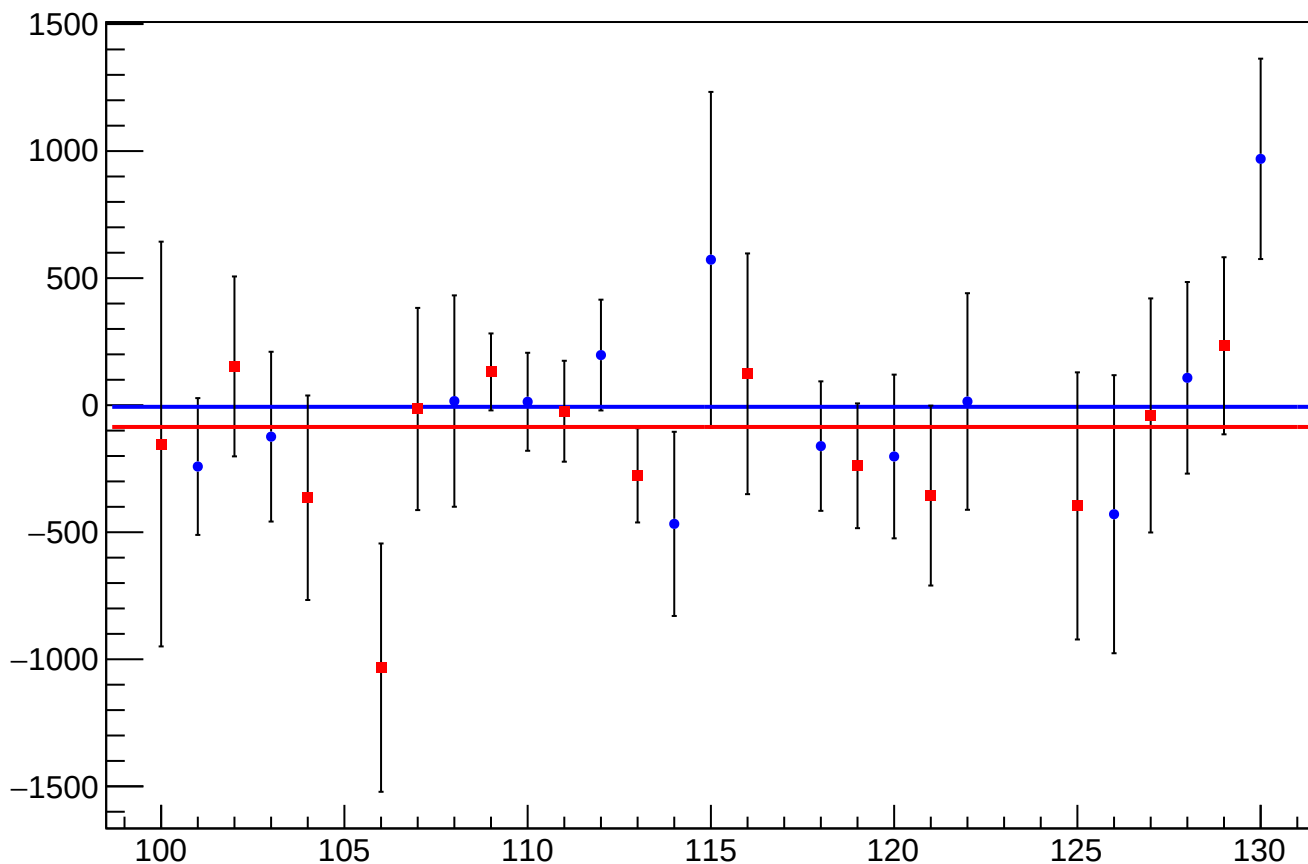
Right: 139.679+/-0.031 χ^2/NDF : 1634521.2/27

In: 141.920+/-0.045 χ^2/NDF : 744894.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.679+/-0.031 χ^2/NDF : 1634521.2/27

asym_bcm_2an_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -6.467 $\pm$ 86.472 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -85.693 $\pm$ 76.729 χ^2 /NDF: 10.3/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

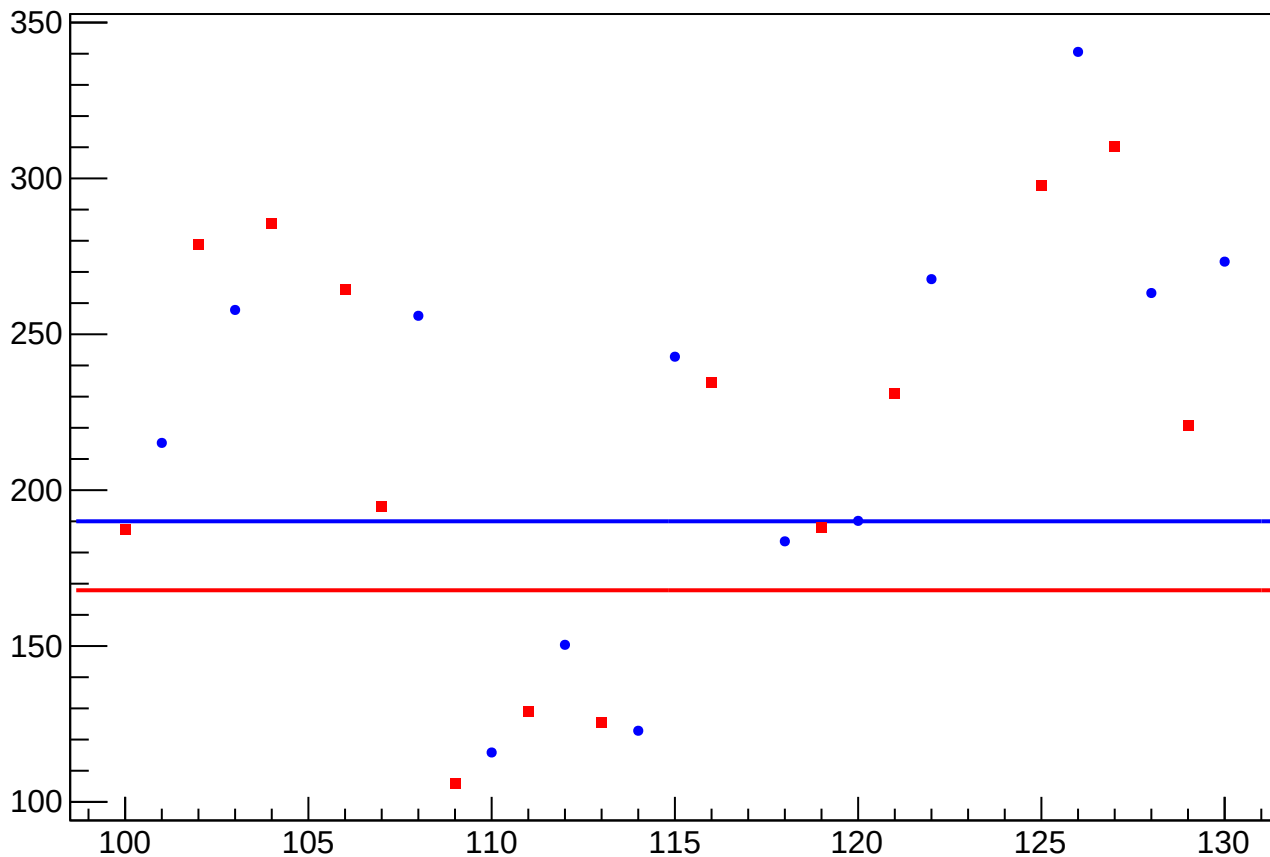
Right: -50.793 $\pm$ 57.392 χ^2 /NDF: 22.5/26

In: -6.467 $\pm$ 86.472 χ^2 /NDF:11.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -50.793 $\pm$ 57.392 χ^2 /NDF: 22.5/26

asym_bcm_2an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 190.017+/-0.061 χ^2/NDF : 977322.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 167.890+/-0.054 χ^2/NDF : 1447688.3/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

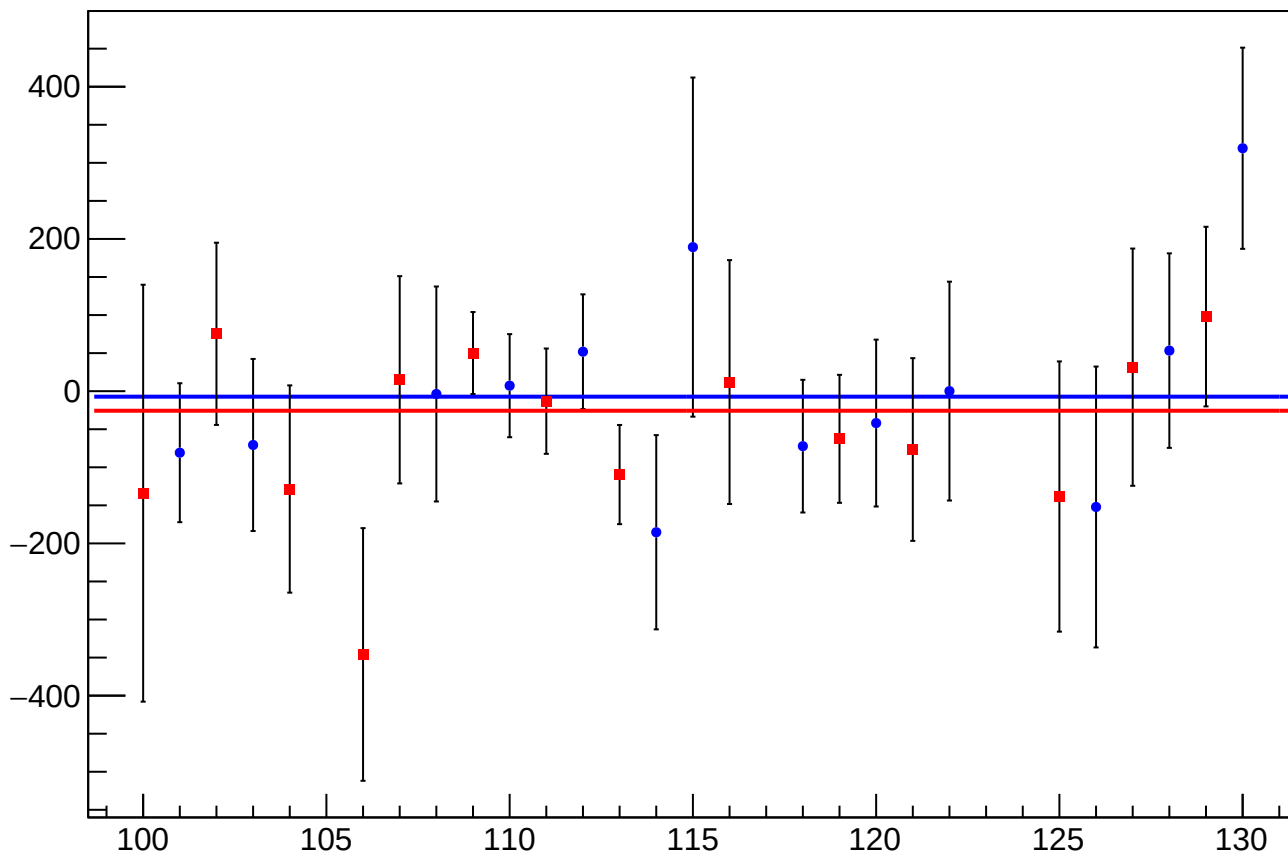
Right: 177.637+/-0.041 χ^2/NDF : 2498279.7/26

In: 190.017+/-0.061 χ^2/NDF :977322.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 177.637+/-0.041 χ^2/NDF : 2498279.7/26

asym_bcm_2an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -7.206+/-29.677 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.693+/-26.623 χ^2/NDF : 11.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

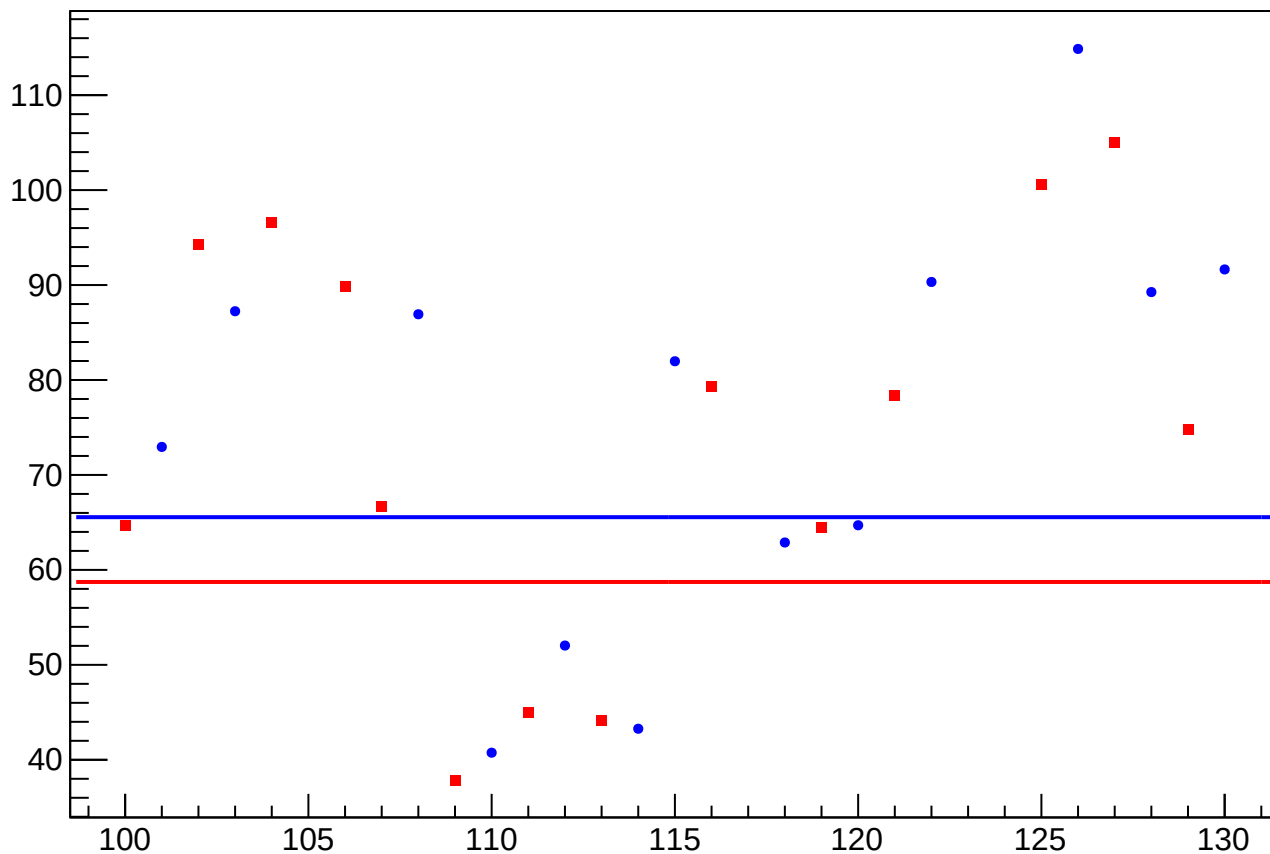
Right: -17.450+/-19.817 χ^2/NDF : 23.2/26

In: -7.206+/-29.677 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.450+/-19.817 χ^2/NDF : 23.2/26

asym_bcm_2an_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 65.553+/-0.021 χ^2/NDF : 888184.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 58.729+/-0.019 χ^2/NDF : 1310478.5/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

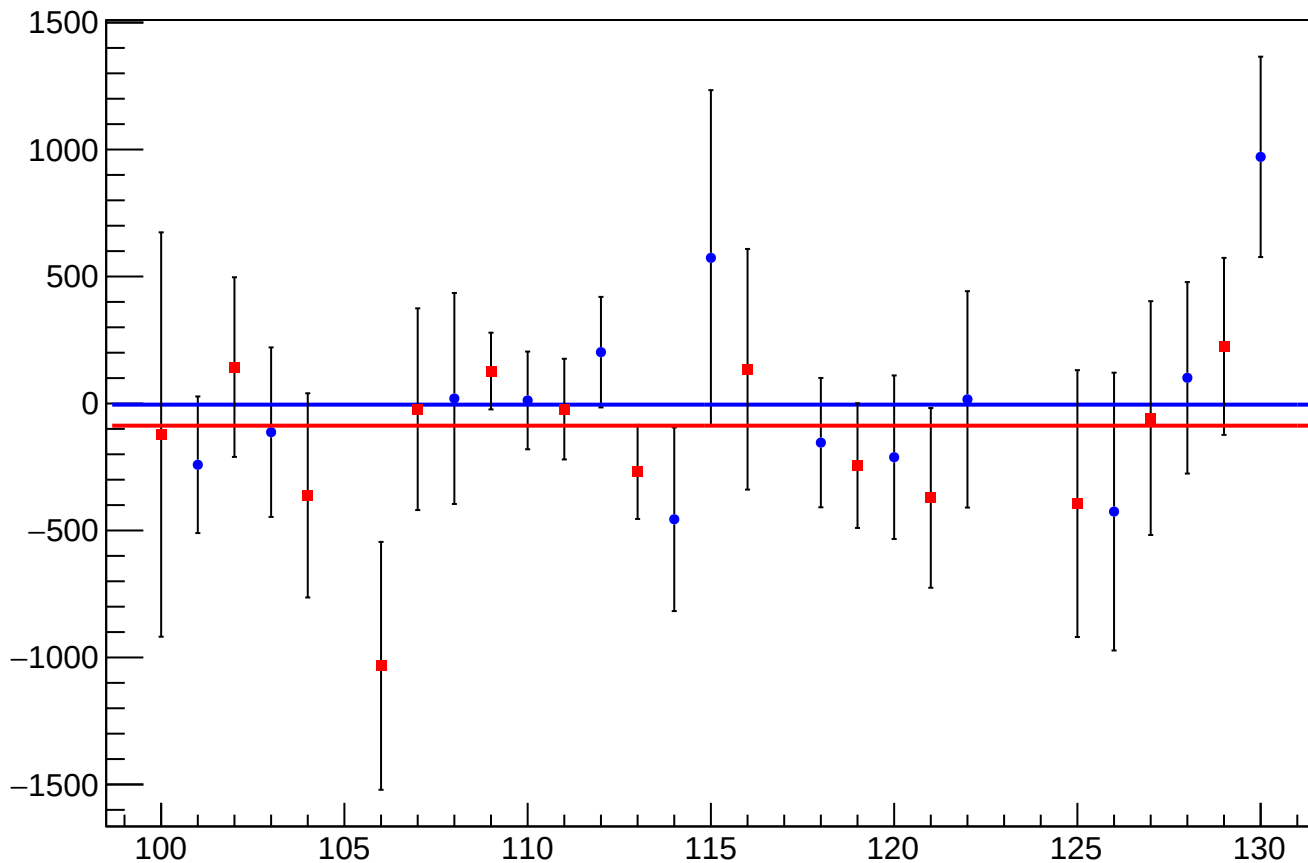
Right: 61.772+/-0.014 χ^2/NDF : 2257250.9/26

In: 65.553+/-0.021 χ^2/NDF :888184.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 61.772+/-0.014 χ^2/NDF : 2257250.9/26

asym_bcm_an_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -4.515 ± 86.368 $\chi^2/\text{NDF}: 11.7/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -87.257 ± 76.609 $\chi^2/\text{NDF}: 10.2/13$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

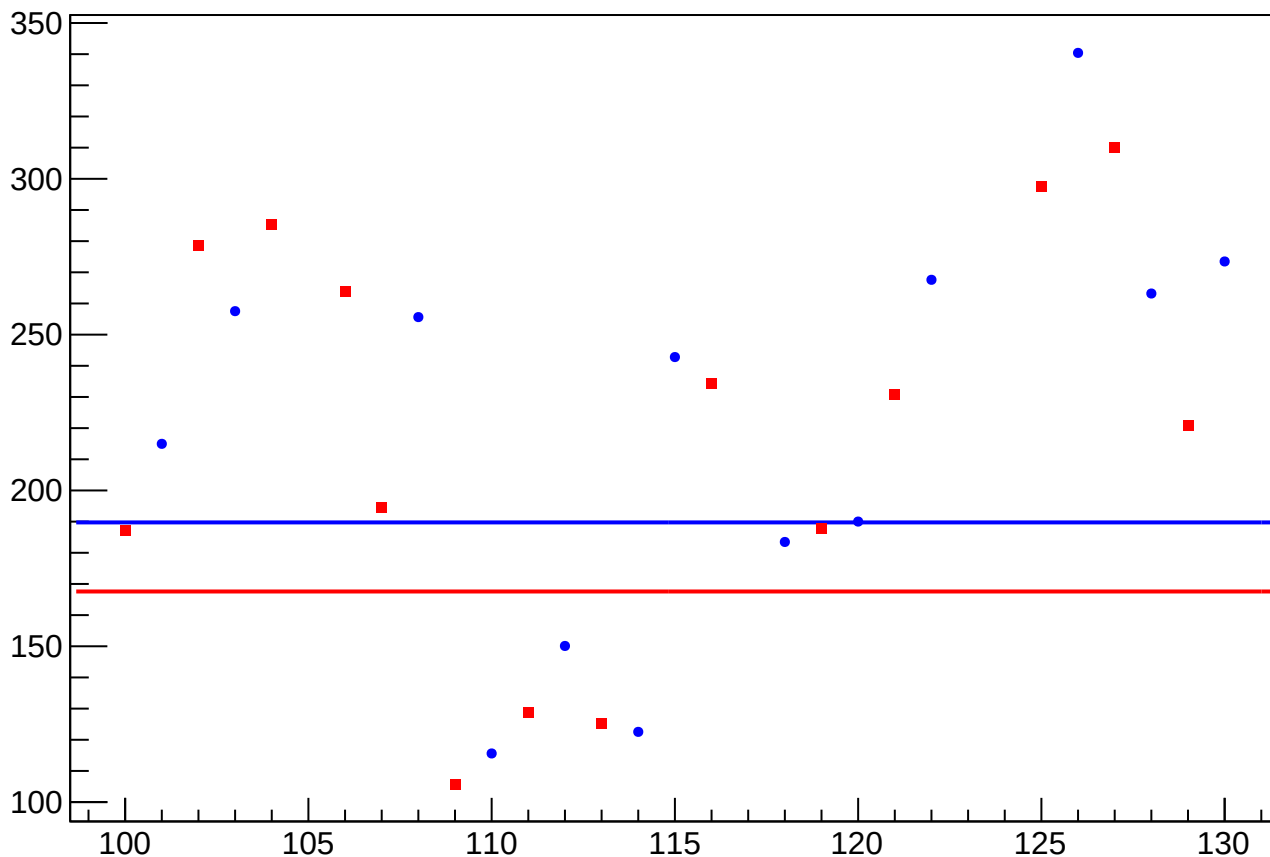
Right: -50.823 ± 57.312 $\chi^2/\text{NDF}: 22.4/26$

In: -4.515 ± 86.368 $\chi^2/\text{NDF}: 11.7/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -50.823 ± 57.312 $\chi^2/\text{NDF}: 22.4/26$

asym_bcm_an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 189.747+/-0.061 χ^2/NDF : 981523.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 167.583+/-0.054 χ^2/NDF : 1452670.8/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

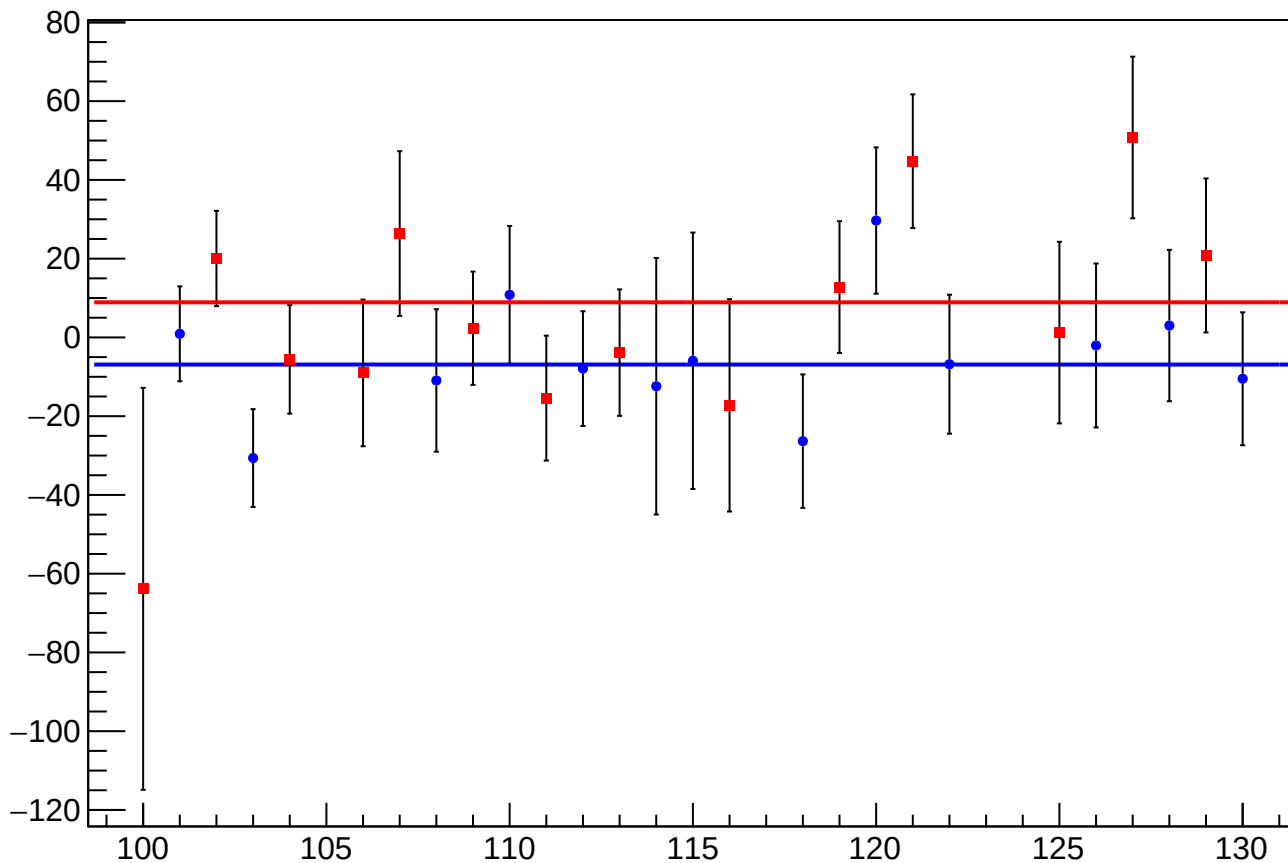
Right: 177.343+/-0.041 χ^2/NDF : 2507910.4/26

In: 189.747+/-0.061 χ^2/NDF :981523.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 177.343+/-0.041 χ^2/NDF : 2507910.4/26

asym_bcm_an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -6.888+/-4.745 χ^2 /NDF: 10.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 8.919+/-4.681 χ^2 /NDF: 18.9/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

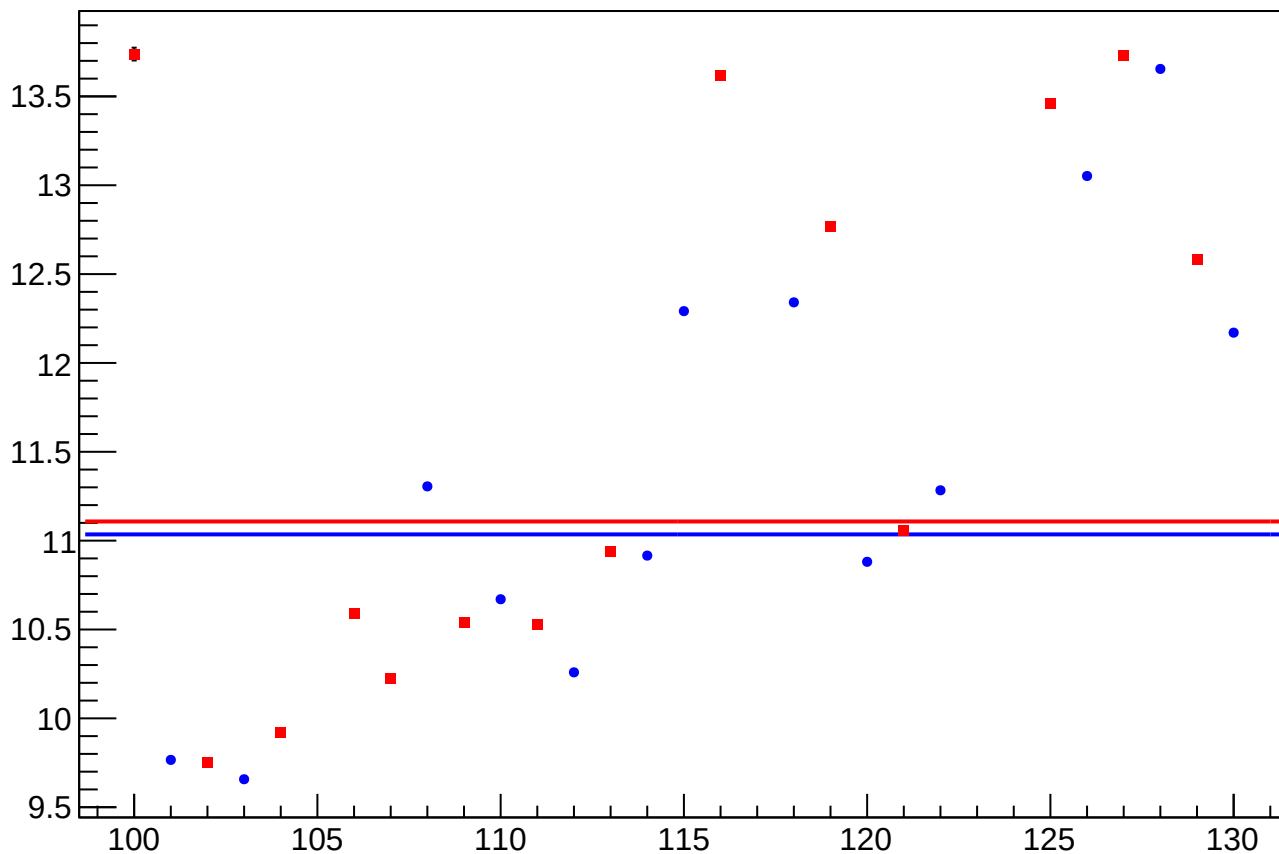
Right: 1.122+/-3.333 χ^2 /NDF: 35.3/26

In: -6.888+/-4.745 χ^2 /NDF:10.7/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1.122+/-3.333 χ^2 /NDF: 35.3/26

asym_bcm_an_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 11.035 ± 0.003 $\chi^2/\text{NDF}: 134180.3/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 11.108 ± 0.003 $\chi^2/\text{NDF}: 158277.6/13$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

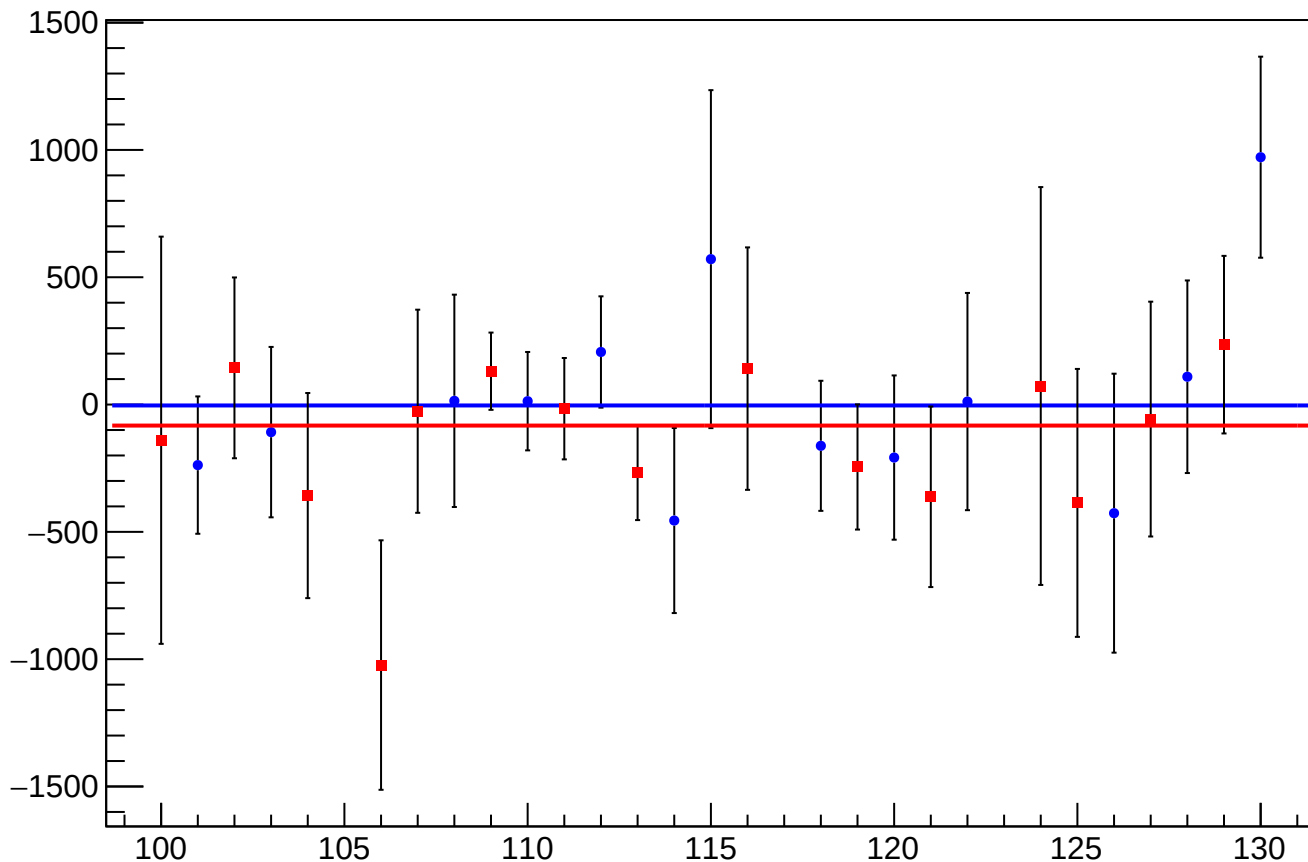
Right: 11.072 ± 0.002 $\chi^2/\text{NDF}: 292696.5/26$

In: 11.035 ± 0.003 $\chi^2/\text{NDF}: 134180.3/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 11.072 ± 0.002 $\chi^2/\text{NDF}: 292696.5/26$

asym_bcm_an_us_an_ds3_avg_mean vs Slug, Sign Corrected



Right In: -3.549 ± 86.656 $\chi^2/\text{NDF}: 11.7/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -82.548 ± 76.518 $\chi^2/\text{NDF}: 10.2/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

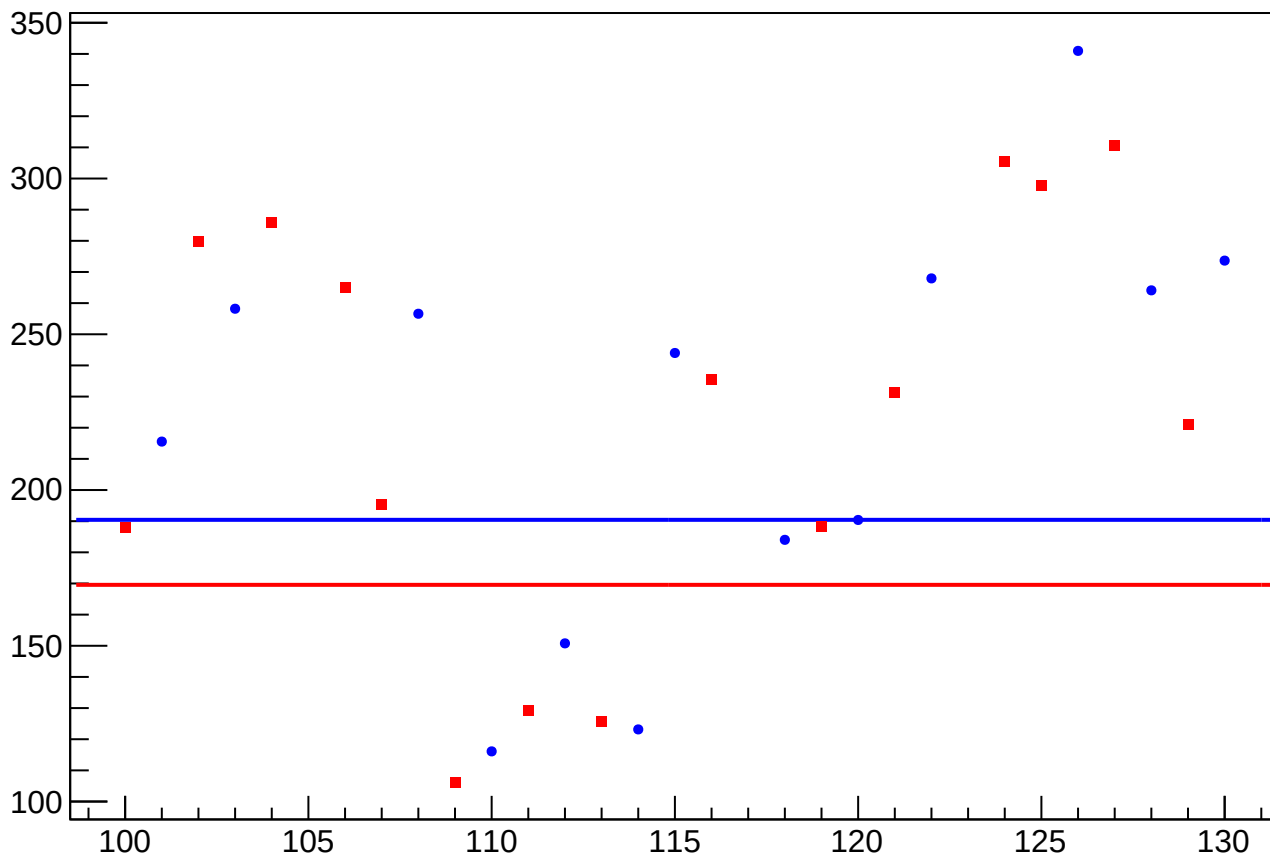
Right: -47.938 ± 57.358 $\chi^2/\text{NDF}: 22.3/27$

In: -3.549 ± 86.656 $\chi^2/\text{NDF}: 11.7/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -47.938 ± 57.358 $\chi^2/\text{NDF}: 22.3/27$

asym_bcm_an_us_an_ds3_avg_rms vs Slug, Sign Corrected



Right In: 190.432+/-0.061 χ^2/NDF : 976206.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 169.560+/-0.054 χ^2/NDF : 1507518.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

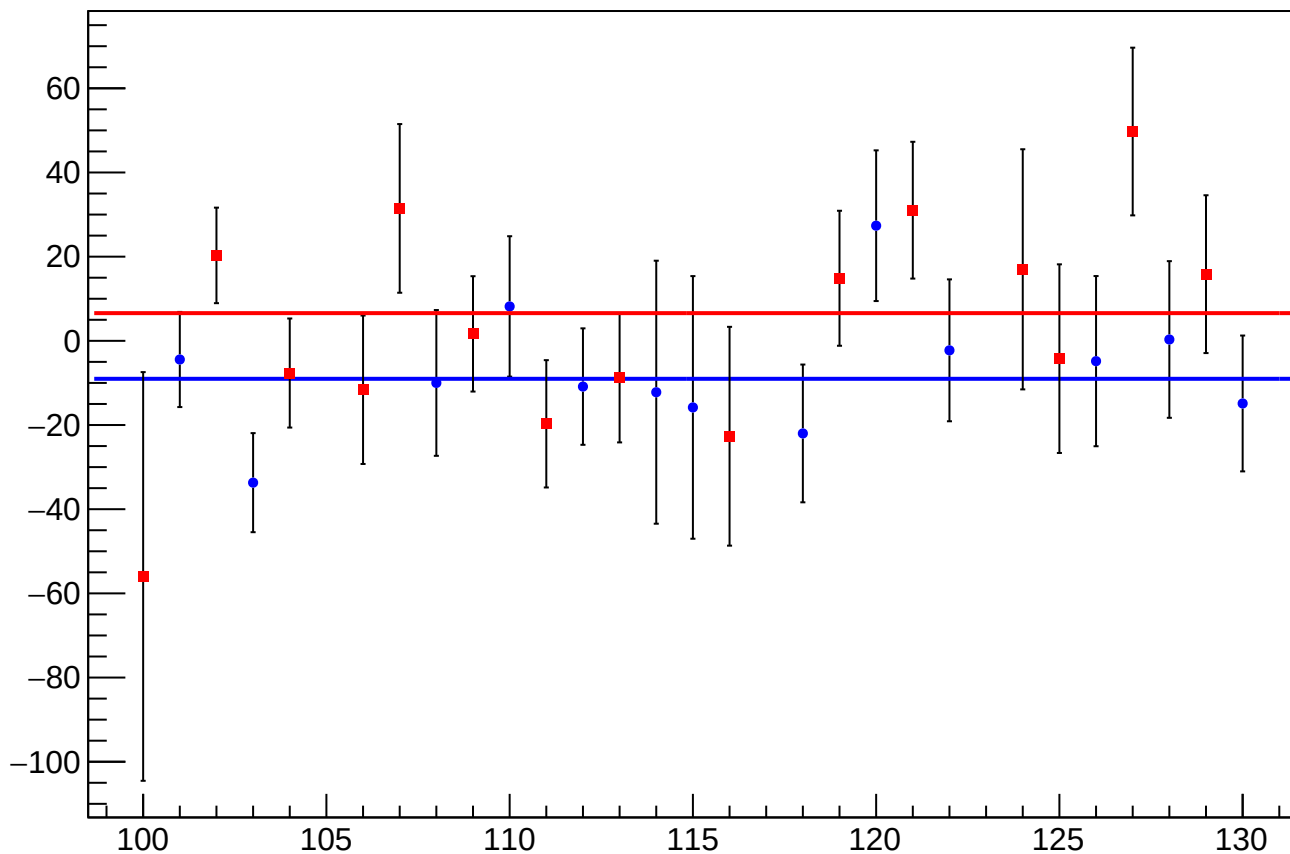
Right: 178.704+/-0.041 χ^2/NDF : 2548920.2/27

In: 190.432+/-0.061 χ^2/NDF :976206.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 178.704+/-0.041 χ^2/NDF : 2548920.2/27

asym_bcm_an_us_an_ds3_dd_mean vs Slug, Sign Corrected



Right In: -9.020 ± 4.527 χ^2/NDF : 11.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 6.582 ± 4.405 χ^2/NDF : 20.2/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

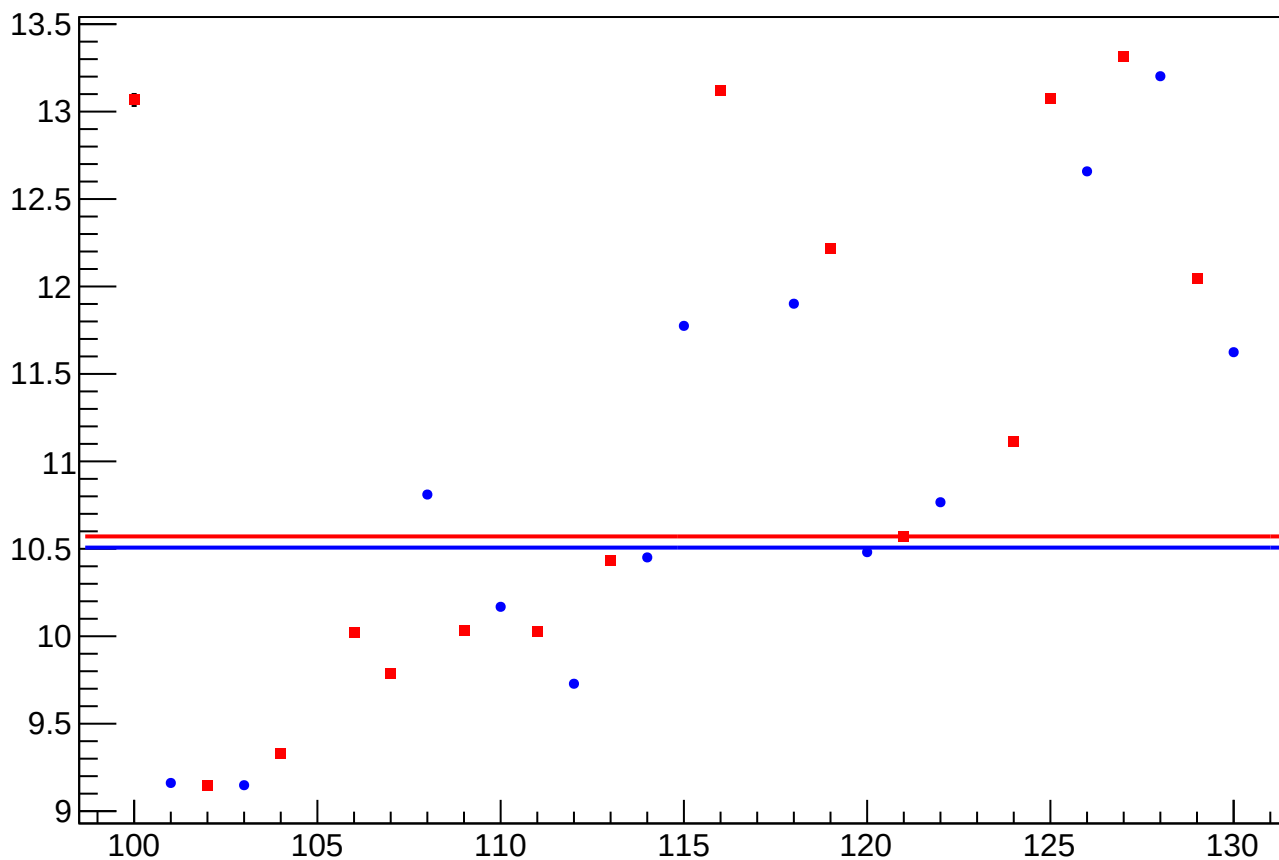
Right: -1.007 ± 3.157 χ^2/NDF : 37.3/27

In: -9.020 ± 4.527 χ^2/NDF : 11.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.007 ± 3.157 χ^2/NDF : 37.3/27

asym_bcm_an_us_an_ds3_dd_rms vs Slug, Sign Corrected



Right In: 10.507+/-0.003 χ^2/NDF : 155276.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.571+/-0.003 χ^2/NDF : 182322.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

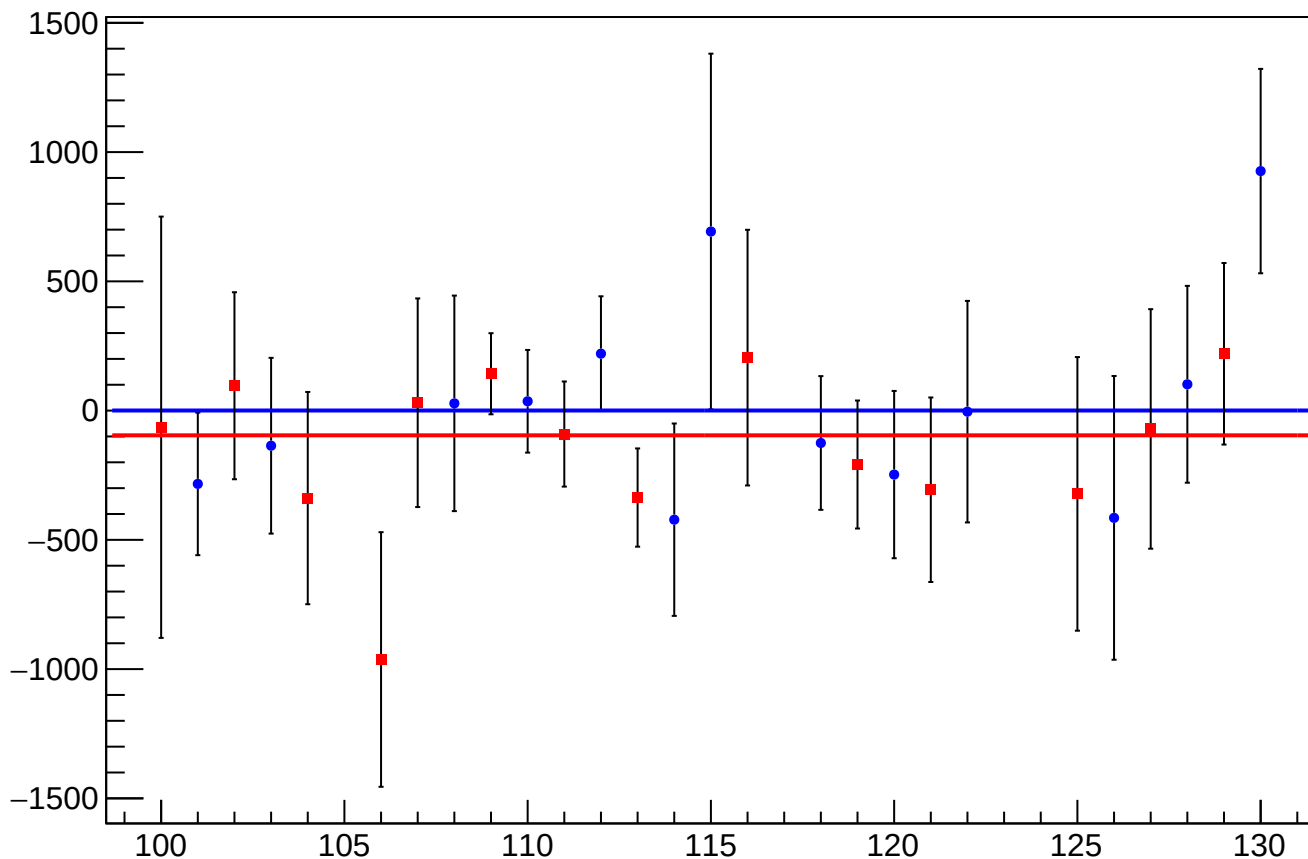
Right: 10.540+/-0.002 χ^2/NDF : 337803.1/27

In: 10.507+/-0.003 χ^2/NDF : 155276.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.540+/-0.002 χ^2/NDF : 337803.1/27

asym_bcm_dg_us_dg_ds_avg_mean vs Slug, Sign Corrected



Right In: 0.389+/-88.001 χ^2/NDF : 11.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -95.629+/-78.457 χ^2/NDF : 9.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

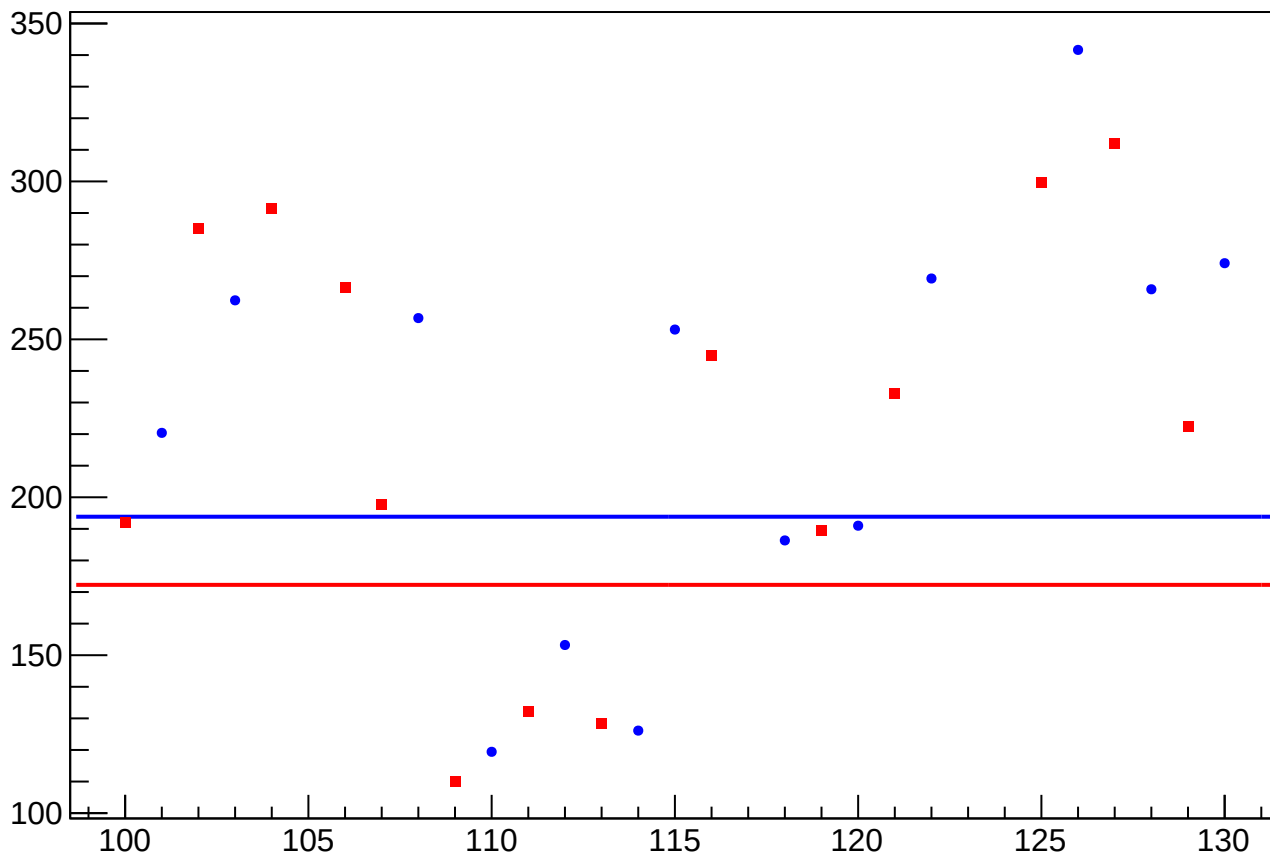
Right: -53.107+/-58.562 χ^2/NDF : 21.8/26

In: 0.389+/-88.001 χ^2/NDF : 11.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -53.107+/-58.562 χ^2/NDF : 21.8/26

asym_bcm_dg_us_dg_ds_avg_rms vs Slug, Sign Corrected



Right In: 193.845+/-0.062 χ^2/NDF : 937116.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 172.272+/-0.055 χ^2/NDF : 1392991.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

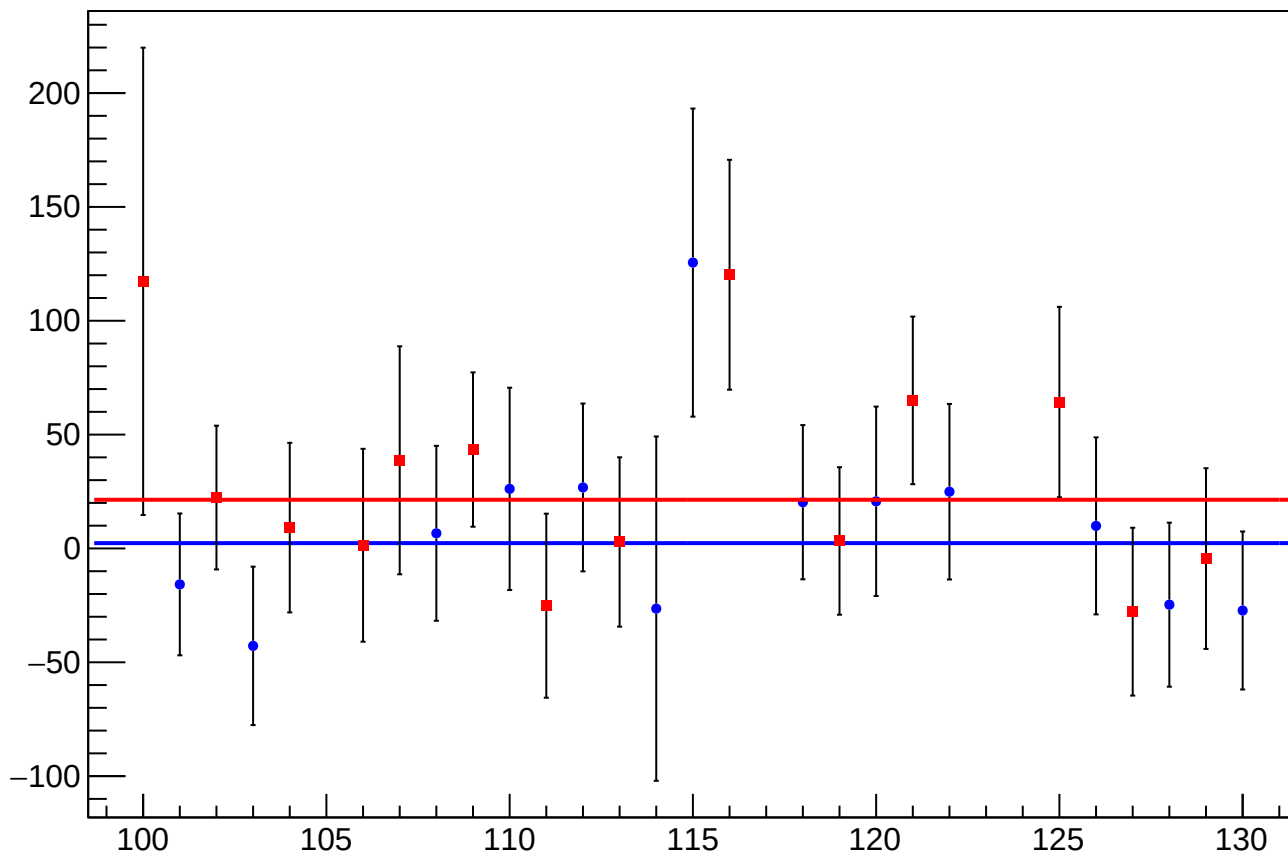
Right: 181.826+/-0.041 χ^2/NDF : 2397074.8/26

In: 193.845+/-0.062 χ^2/NDF : 937116.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.826+/-0.041 χ^2/NDF : 2397074.8/26

asym_bcm_dg_us_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: 2.335 ± 10.811 χ^2/NDF : 8.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 21.388 ± 10.536 χ^2/NDF : 12.1/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

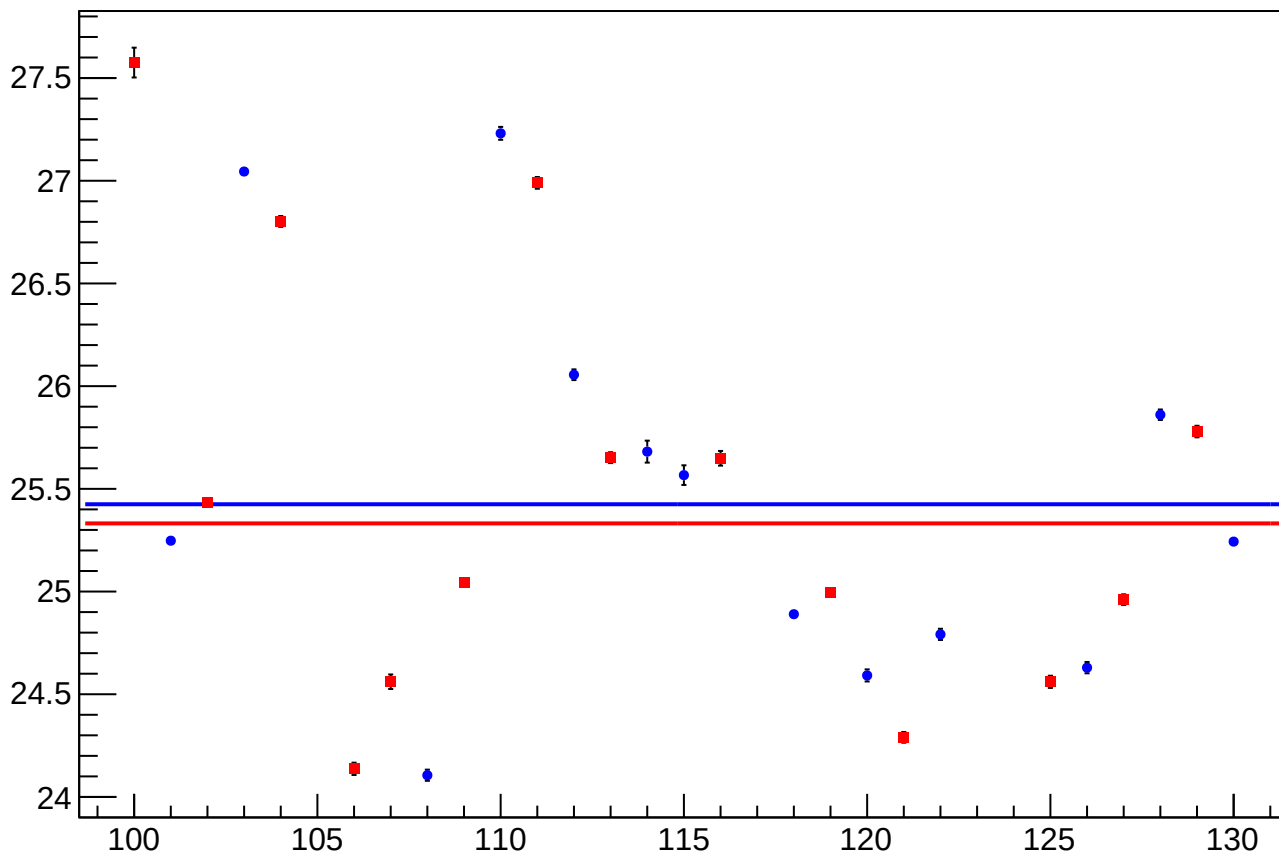
Right: 12.107 ± 7.546 χ^2/NDF : 22.1/26

In: 2.335 ± 10.811 χ^2/NDF : 8.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 12.107 ± 7.546 χ^2/NDF : 22.1/26

asym_bcm_dg_us_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 25.425+/-0.008 χ^2/NDF : 13707.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.332+/-0.007 χ^2/NDF : 12851.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

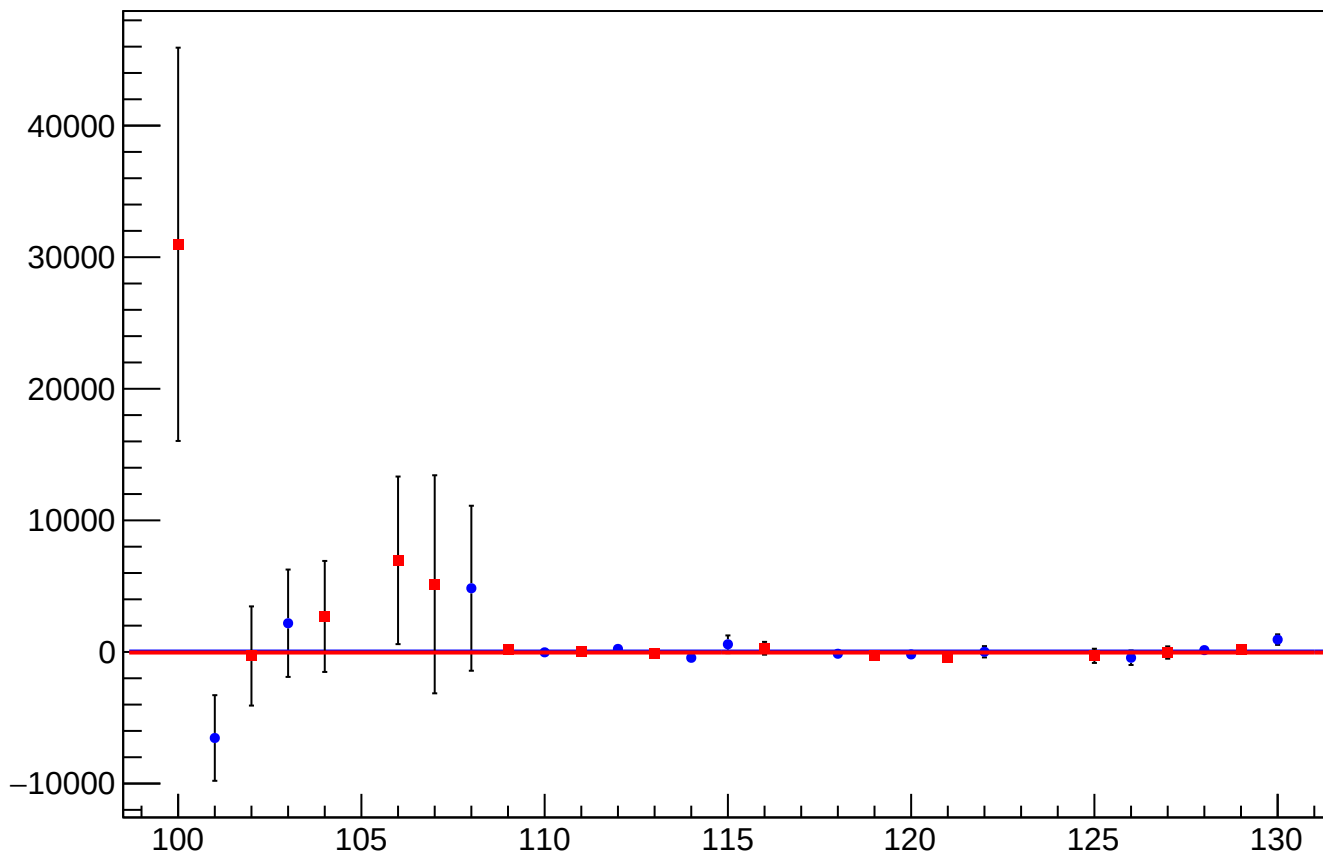
Right: 25.377+/-0.005 χ^2/NDF : 26634.8/26

In: 25.425+/-0.008 χ^2/NDF : 13707.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.377+/-0.005 χ^2/NDF : 26634.8/26

asym_bcm_cav4cQ_an_ds_avg_mean vs Slug, Sign Corrected



Right In: 33.089+/-98.349 χ^2/NDF : 15.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -44.406+/-90.910 χ^2/NDF : 11.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

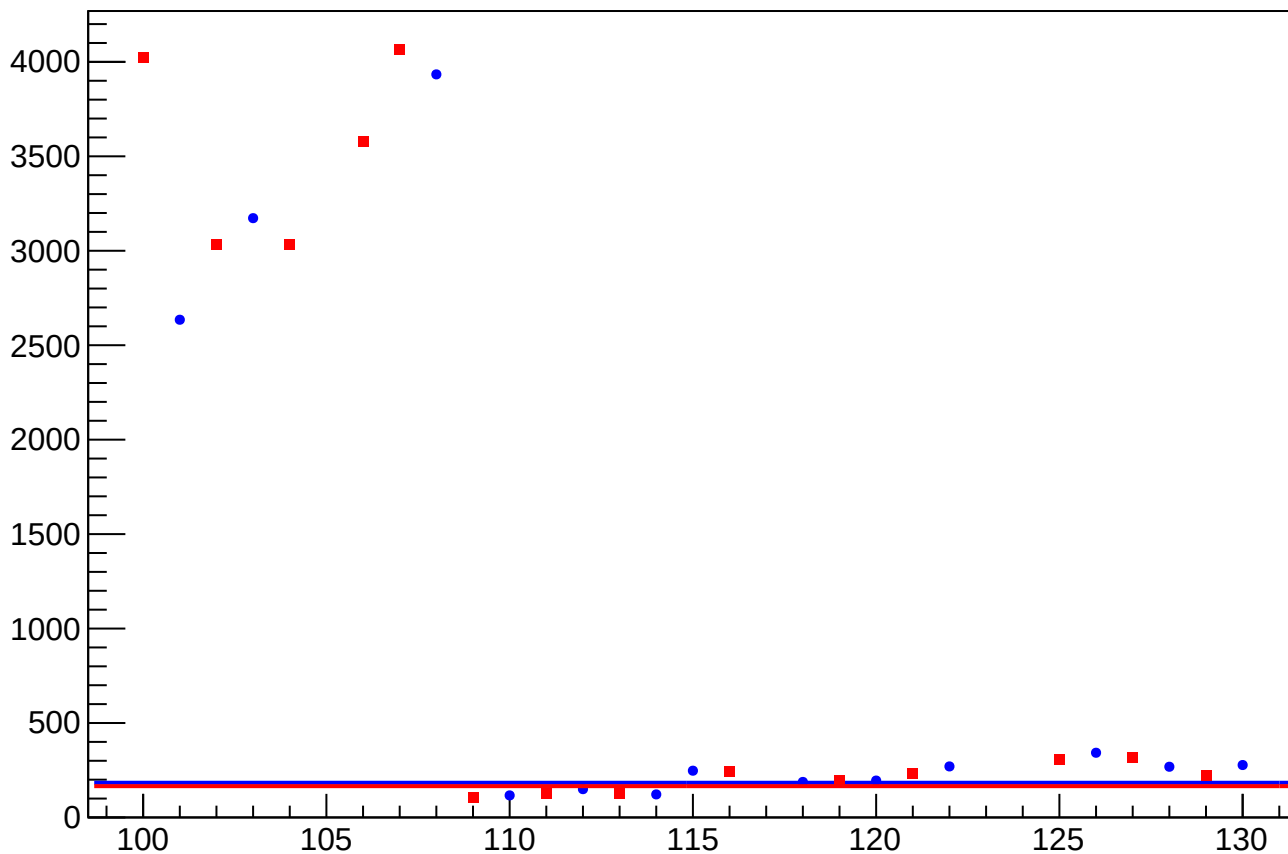
Right: -8.700+/-66.758 χ^2/NDF : 26.4/26

In: 33.089+/-98.349 χ^2/NDF : 15.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.700+/-66.758 χ^2/NDF : 26.4/26

asym_bcm_cav4cQ_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 183.734+/-0.070 χ^2/NDF : 3744270.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.646+/-0.064 χ^2/NDF : 4097367.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

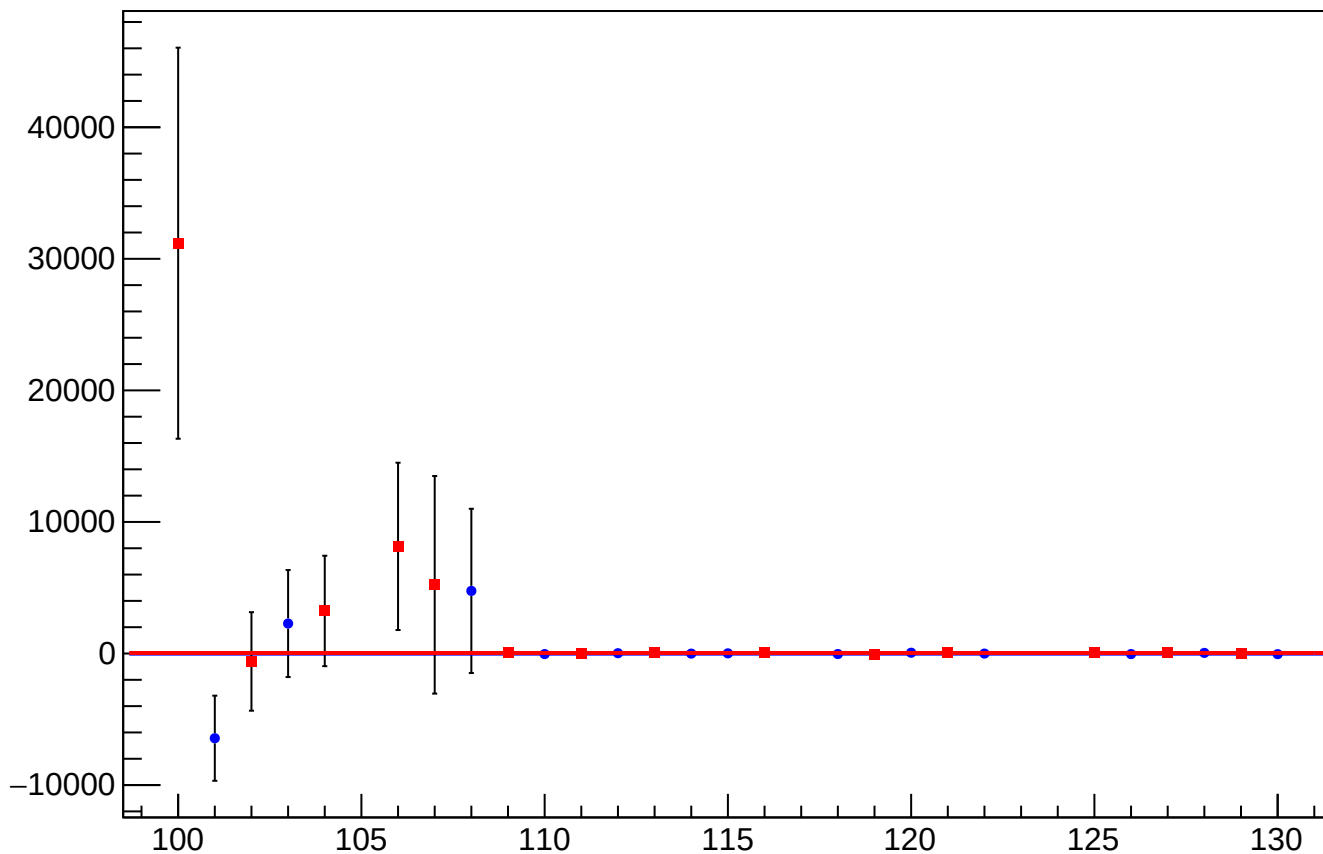
Right: 173.980+/-0.047 χ^2/NDF : 7878116.5/26

In: 183.734+/-0.070 χ^2/NDF : 3744270.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.980+/-0.047 χ^2/NDF : 7878116.5/26

asym_bcm_cav4cQ_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -7.439+/-14.076 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.960+/-14.563 χ^2/NDF : 16.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

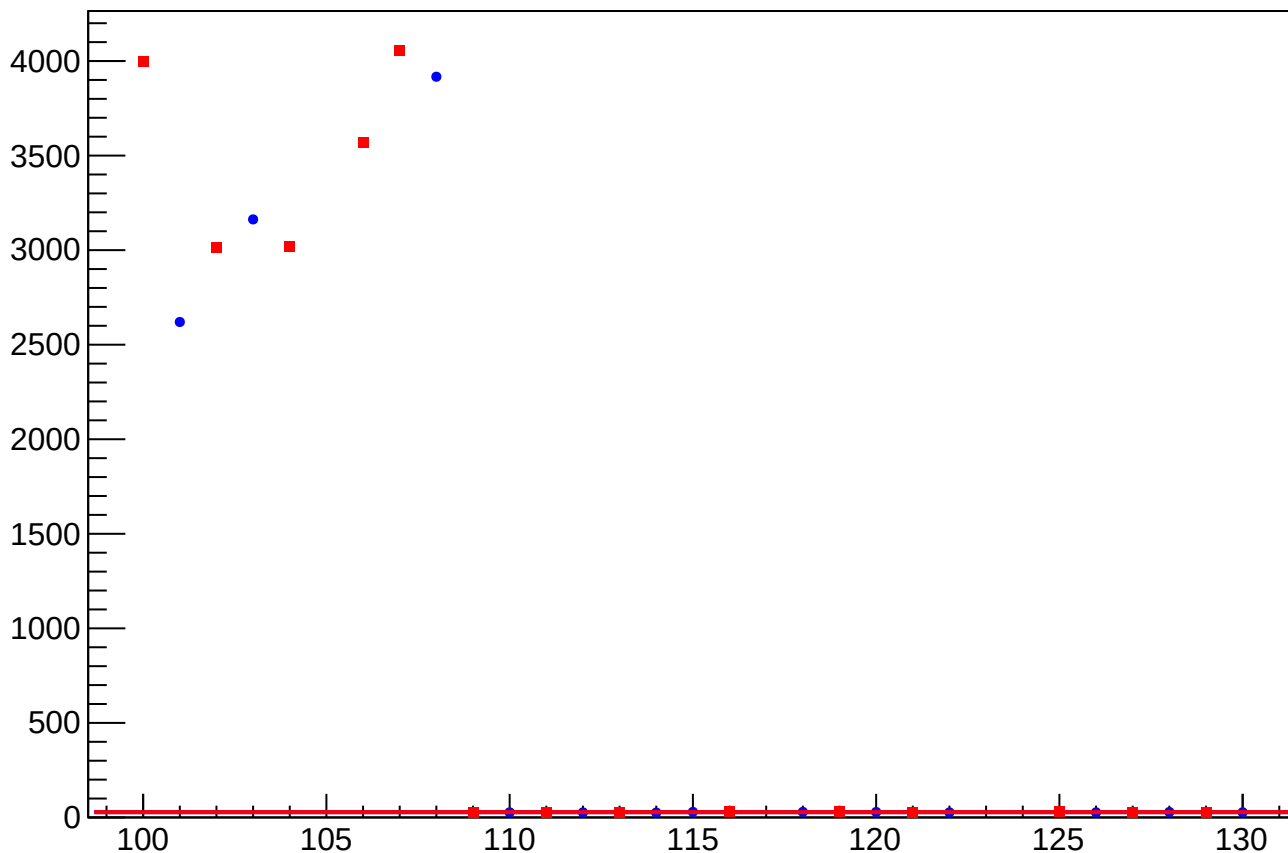
Right: 15.455+/-10.121 χ^2/NDF : 34.7/26

In: -7.439+/-14.076 χ^2/NDF : 12.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.455+/-10.121 χ^2/NDF : 34.7/26

asym_bcm_cav4cQ_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 27.796+/-0.010 χ^2/NDF : 3261560.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 28.083+/-0.010 χ^2/NDF : 3554130.2/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

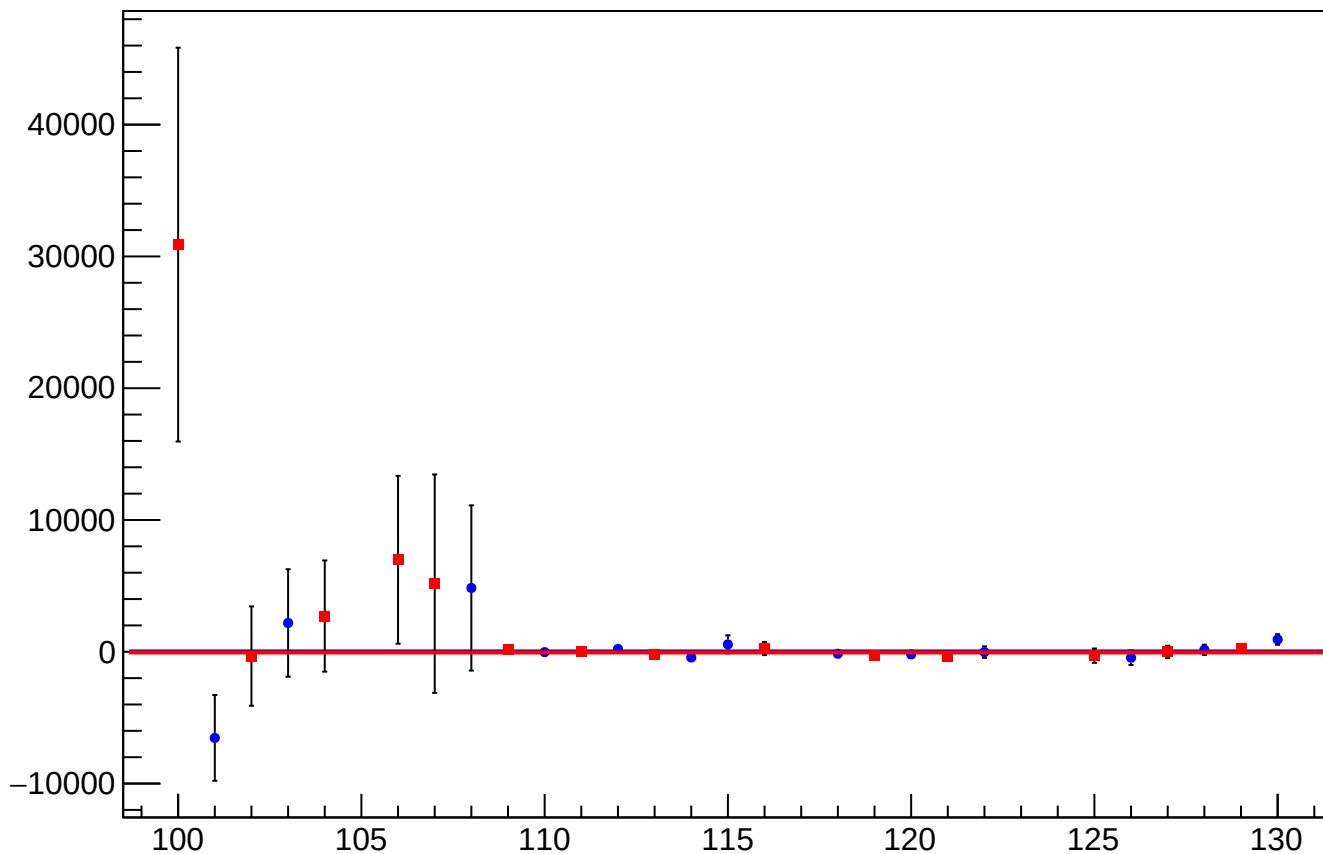
Right: 27.934+/-0.007 χ^2/NDF : 6816093.9/26

In: 27.796+/-0.010 χ^2/NDF :3261560.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 27.934+/-0.007 χ^2/NDF : 6816093.9/26

asym_bcm_cav4cQ_dg_ds_avg_mean vs Slug, Sign Corrected



Right In: 26.057+/-99.113 χ^2/NDF : 14.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -55.154+/-91.710 χ^2/NDF : 10.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

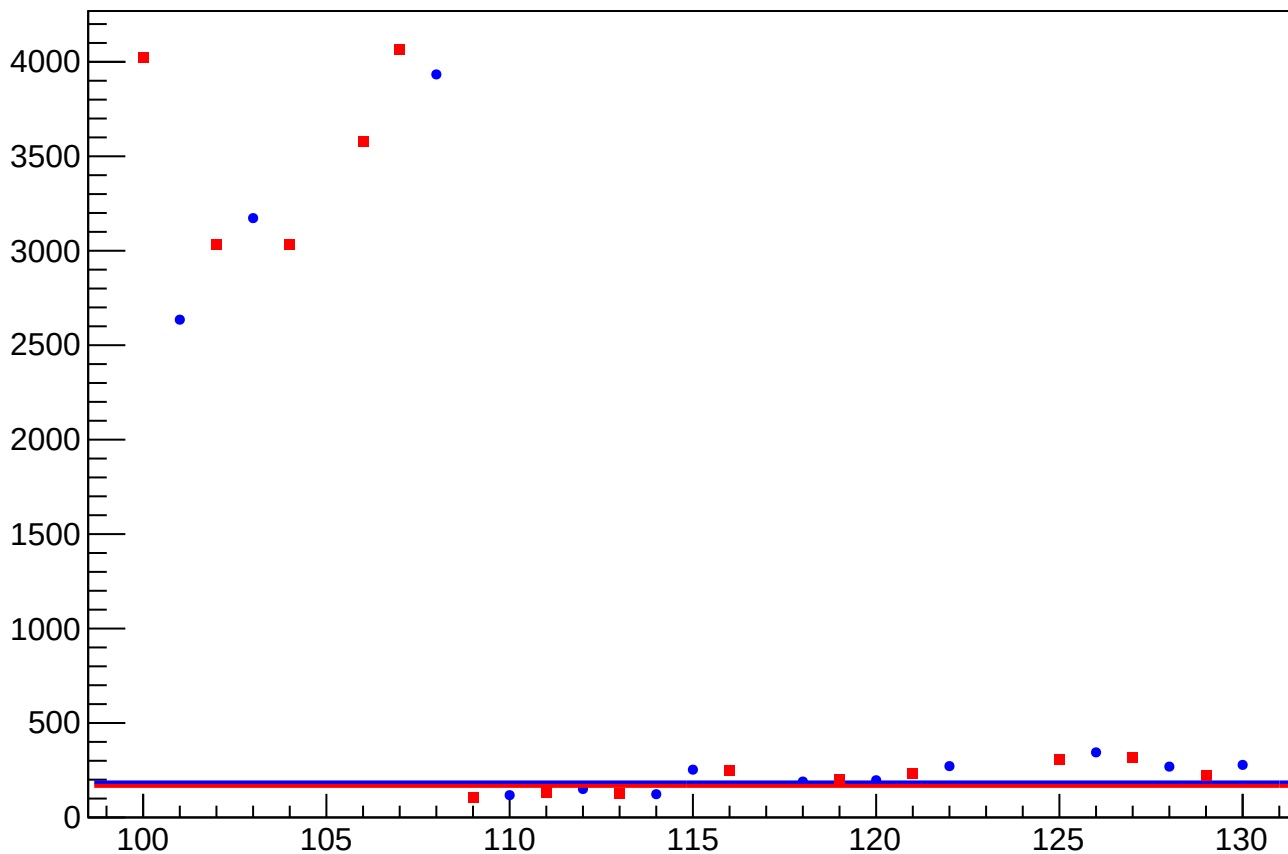
Right: -17.694+/-67.314 χ^2/NDF : 26.1/26

In: 26.057+/-99.113 χ^2/NDF : 14.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.694+/-67.314 χ^2/NDF : 26.1/26

asym_bcm_cav4cQ_dg_ds_avg_rms vs Slug, Sign Corrected



Right In: 185.293+/-0.070 χ^2/NDF : 3734855.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.223+/-0.065 χ^2/NDF : 4091064.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

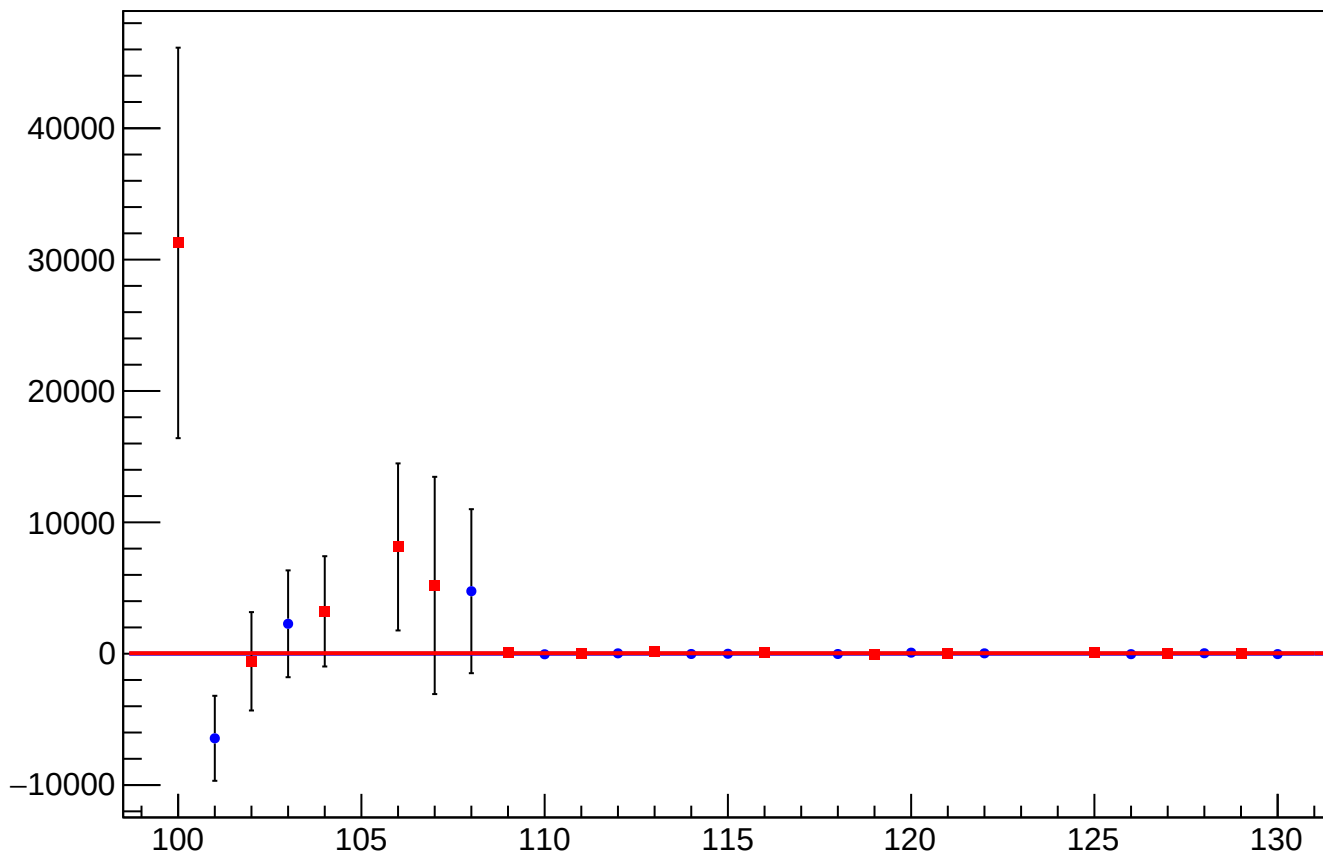
Right: 175.558+/-0.048 χ^2/NDF : 7861735.3/26

In: 185.293+/-0.070 χ^2/NDF : 3734855.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.558+/-0.048 χ^2/NDF : 7861735.3/26

asym_bcm_cav4cQ_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: 1.712+/-15.642 χ^2/NDF : 10.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.131+/-16.127 χ^2/NDF : 20.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

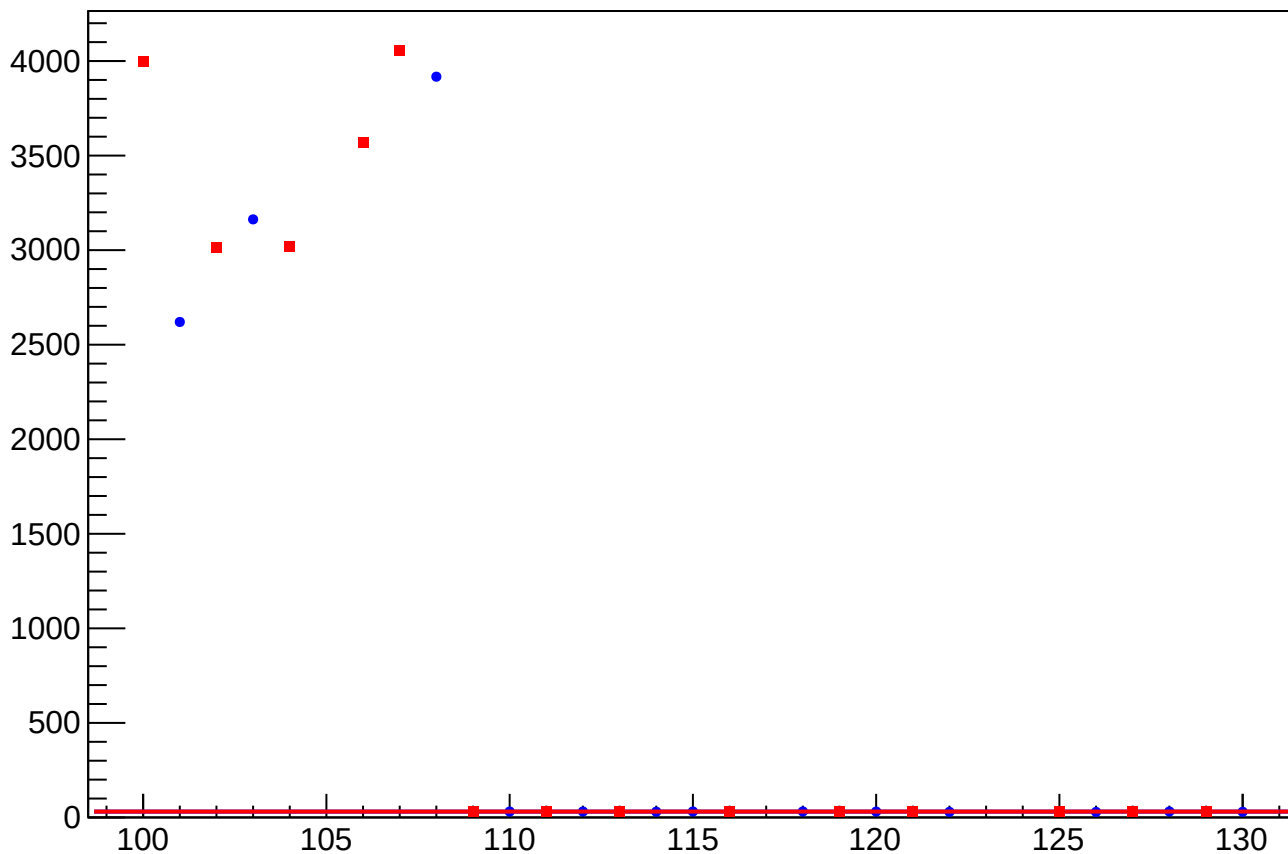
Right: 19.366+/-11.228 χ^2/NDF : 34.0/26

In: 1.712+/-15.642 χ^2/NDF : 10.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.366+/-11.228 χ^2/NDF : 34.0/26

asym_bcm_cav4cQ_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 30.928+/-0.011 χ^2/NDF : 3248905.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 31.163+/-0.011 χ^2/NDF : 3530888.5/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

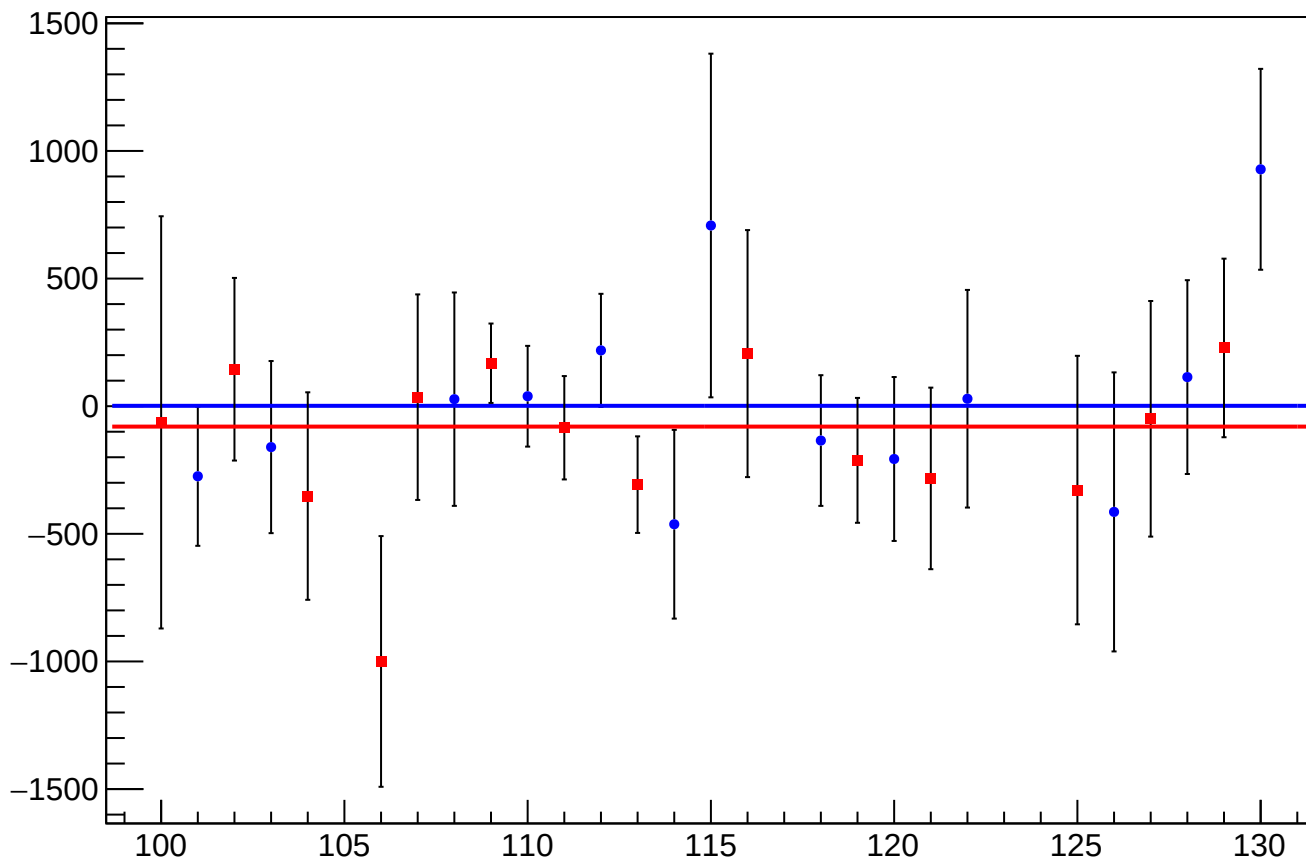
Right: 31.042+/-0.008 χ^2/NDF : 6780011.2/26

In: 30.928+/-0.011 χ^2/NDF :3248905.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 31.042+/-0.008 χ^2/NDF : 6780011.2/26

asym_bcm_dg_us_an_us_avg_mean vs Slug, Sign Corrected



Right In: 1.464+/-87.453 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -79.932+/-77.906 χ^2/NDF : 10.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

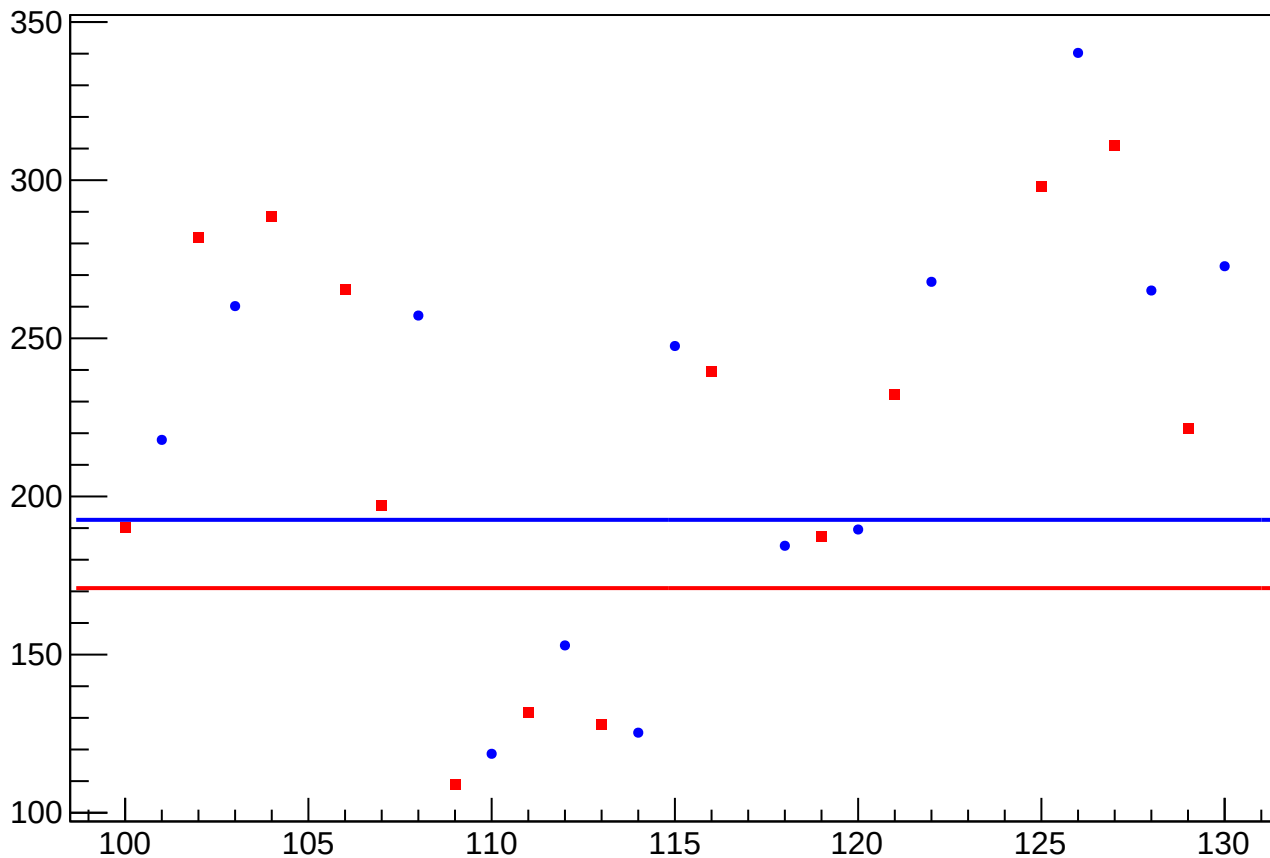
Right: -43.918+/-58.172 χ^2/NDF : 22.7/26

In: 1.464+/-87.453 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -43.918+/-58.172 χ^2/NDF : 22.7/26

asym_bcm_dg_us_an_us_avg_rms vs Slug, Sign Corrected



Right In: 192.611+/-0.062 χ^2/NDF : 936511.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.025+/-0.055 χ^2/NDF : 1390488.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

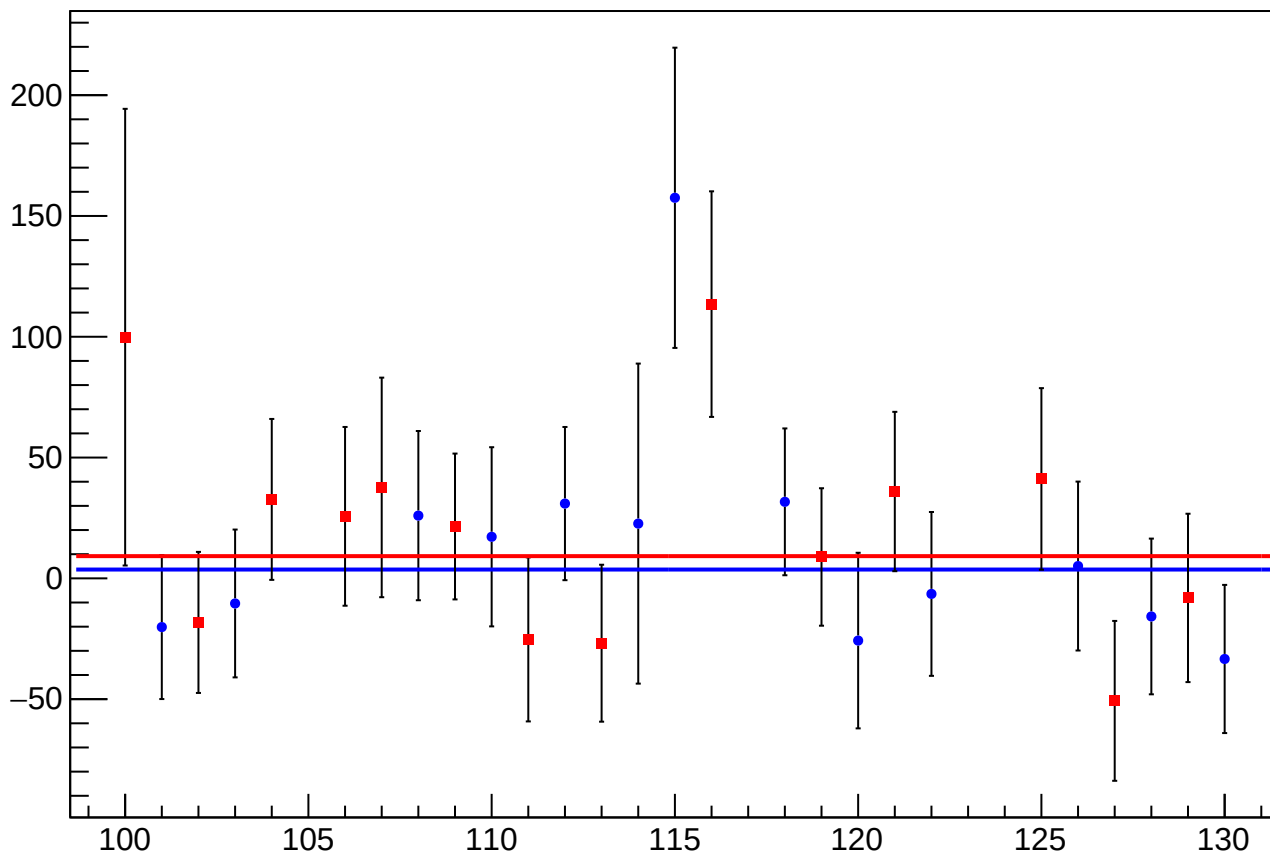
Right: 180.576+/-0.041 χ^2/NDF : 2394939.3/26

In: 192.611+/-0.062 χ^2/NDF : 936511.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.576+/-0.041 χ^2/NDF : 2394939.3/26

asym_bcm_dg_us_an_us_dd_mean vs Slug, Sign Corrected



Right In: 3.649+/-9.634 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.198+/-9.377 χ^2/NDF : 15.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

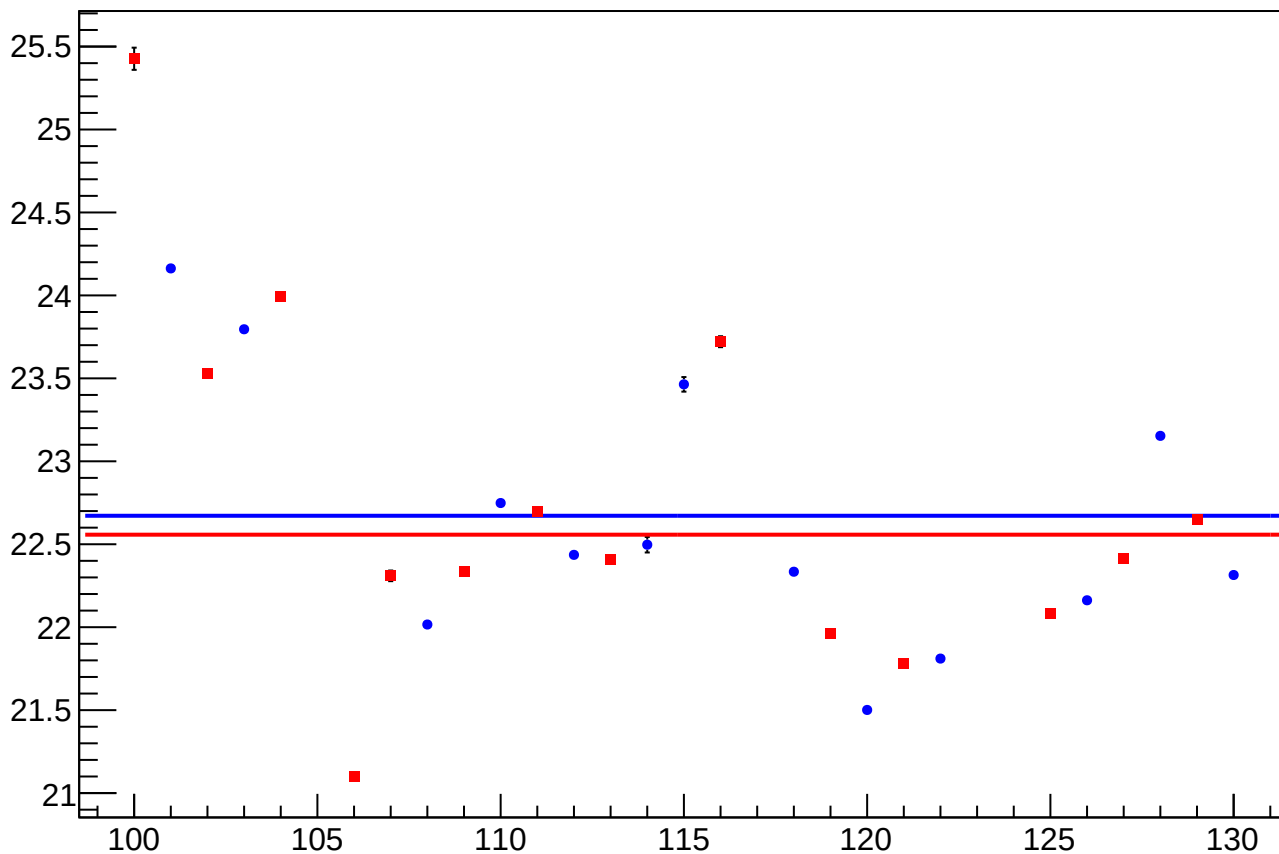
Right: 6.499+/-6.720 χ^2/NDF : 27.1/26

In: 3.649+/-9.634 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.499+/-6.720 χ^2/NDF : 27.1/26

asym_bcm_dg_us_an_us_dd_rms vs Slug, Sign Corrected



Right In: 22.672+/-0.007 χ^2/NDF : 13620.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.558+/-0.007 χ^2/NDF : 14710.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

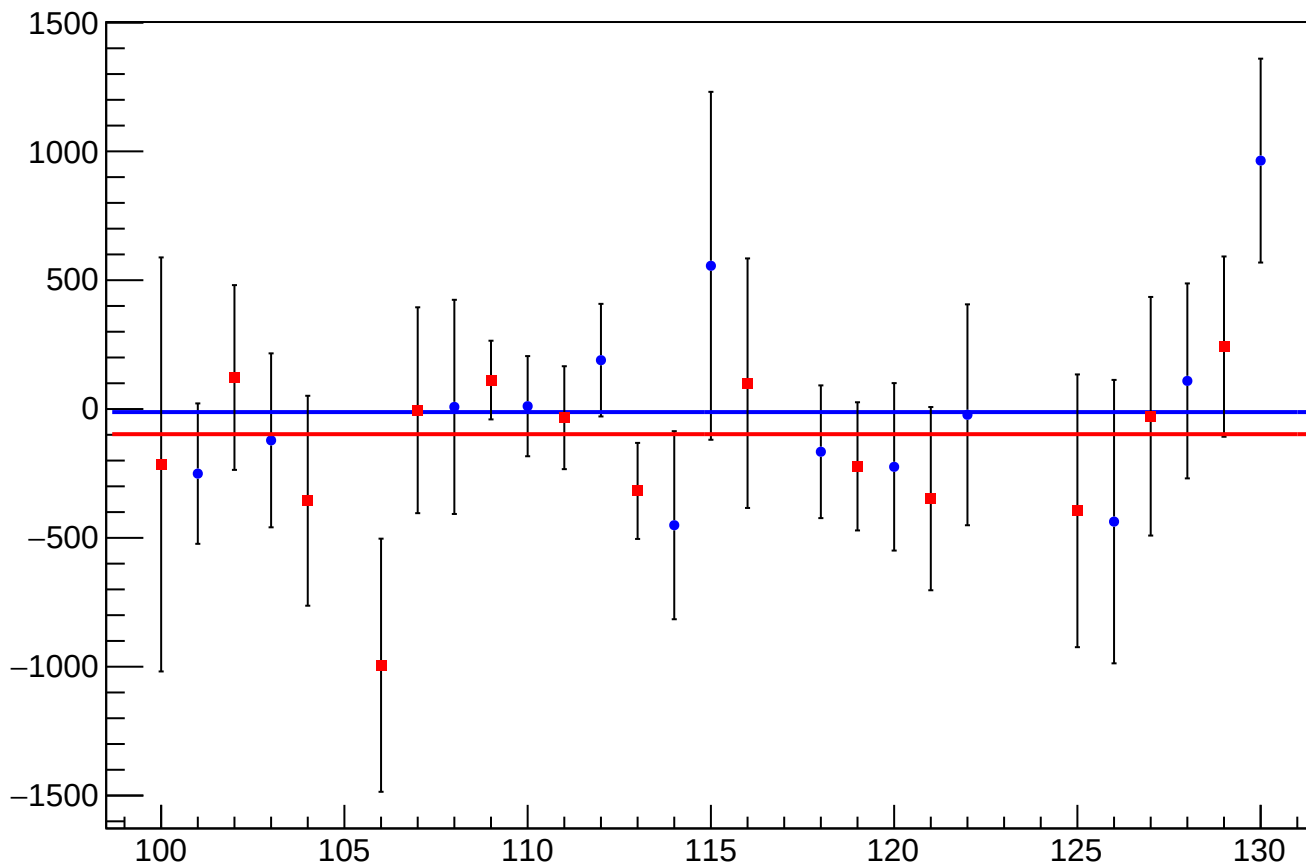
Right: 22.613+/-0.005 χ^2/NDF : 28475.0/26

In: 22.672+/-0.007 χ^2/NDF : 13620.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.613+/-0.005 χ^2/NDF : 28475.0/26

asym_bcm_dg_ds_an_us_avg_mean vs Slug, Sign Corrected



Right In: -11.852 ± 87.096 χ^2/NDF : 11.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -97.582 ± 77.317 χ^2/NDF : 9.8/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

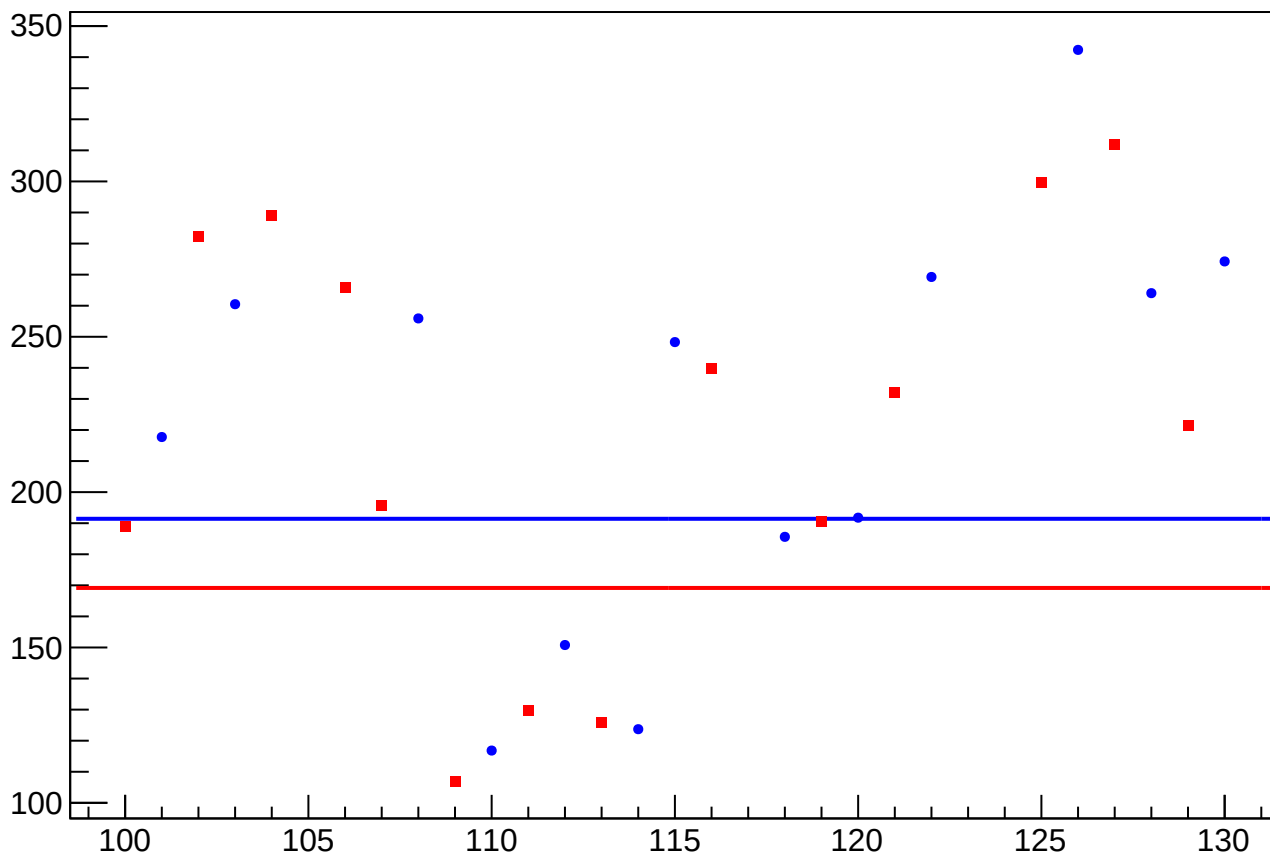
Right: -59.798 ± 57.821 χ^2/NDF : 21.8/26

In: -11.852 ± 87.096 χ^2/NDF : 11.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -59.798 ± 57.821 χ^2/NDF : 21.8/26

asym_bcm_dg_ds_an_us_avg_rms vs Slug, Sign Corrected



Right In: 191.420+/-0.062 χ^2/NDF : 976229.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.161+/-0.055 χ^2/NDF : 1454605.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

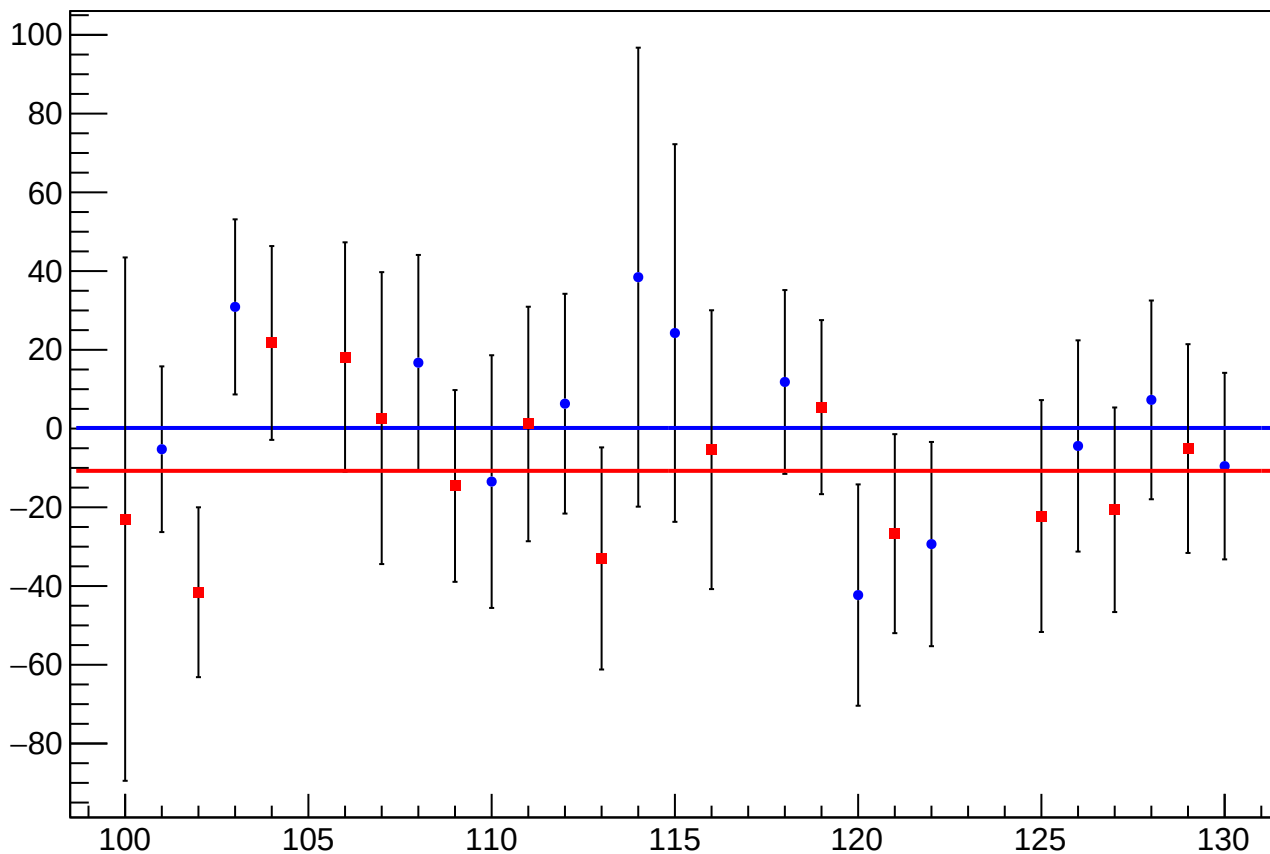
Right: 178.971+/-0.041 χ^2/NDF : 2503890.3/26

In: 191.420+/-0.062 χ^2/NDF : 976229.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.971+/-0.041 χ^2/NDF : 2503890.3/26

asym_bcm_dg_ds_an_us_dd_mean vs Slug, Sign Corrected



Right In: 0.152+/-7.469 χ^2/NDF : 7.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.742+/-7.359 χ^2/NDF : 7.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

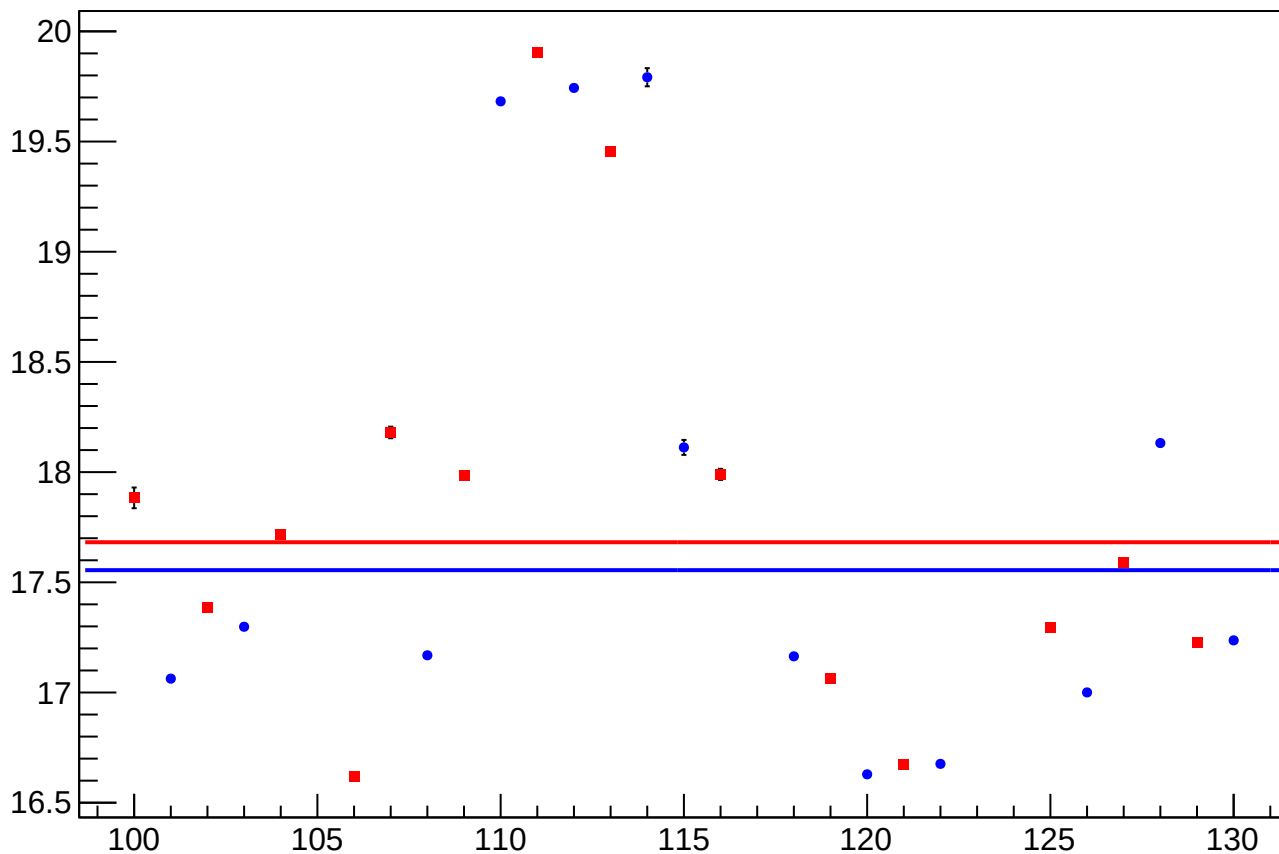
Right: -5.376+/-5.242 χ^2/NDF : 15.5/26

In: 0.152+/-7.469 χ^2/NDF : 7.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.376+/-5.242 χ^2/NDF : 15.5/26

asym_bcm_dg_ds_an_us_dd_rms vs Slug, Sign Corrected



Right In: 17.555+/-0.005 χ^2/NDF : 33339.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.682+/-0.005 χ^2/NDF : 28620.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

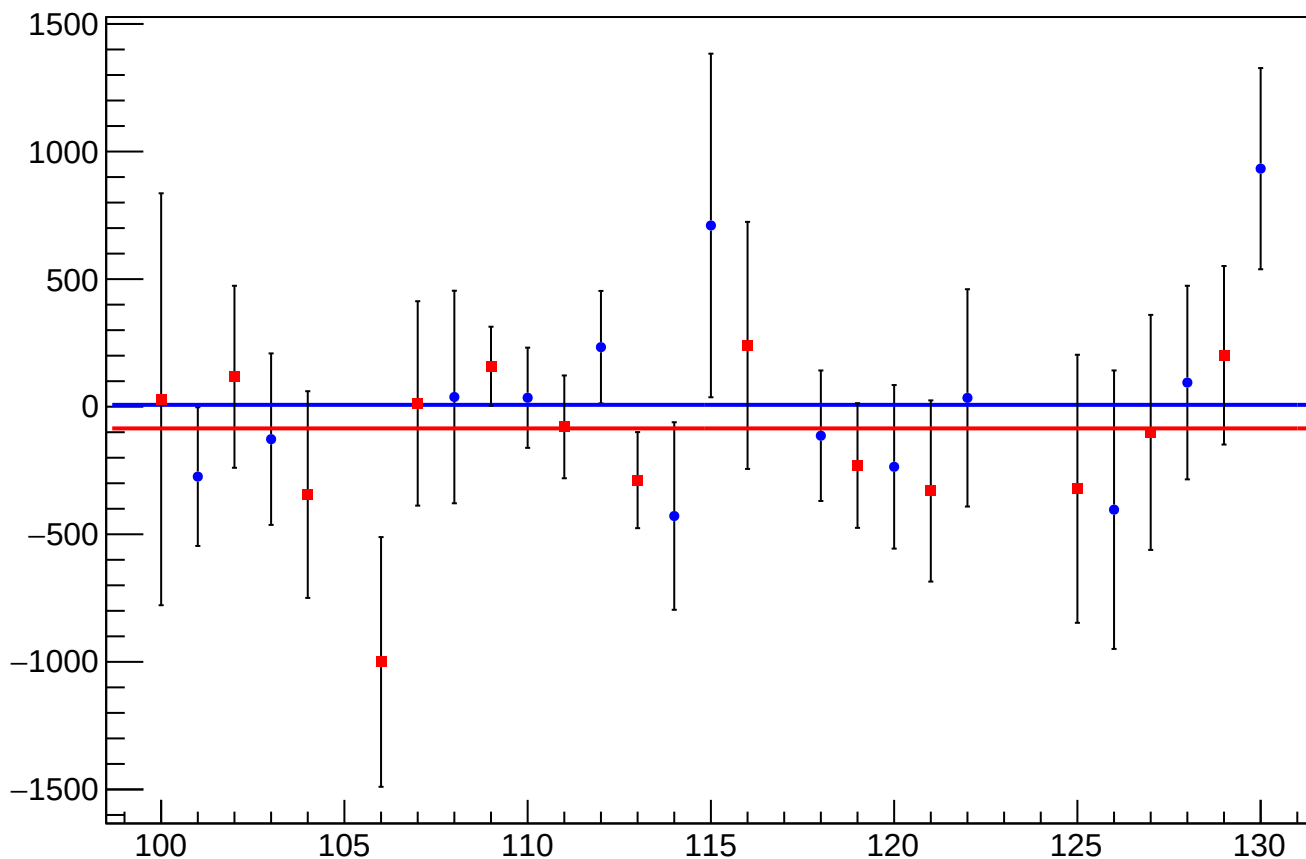
Right: 17.619+/-0.004 χ^2/NDF : 62252.0/26

In: 17.555+/-0.005 χ^2/NDF : 33339.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.619+/-0.004 χ^2/NDF : 62252.0/26

asym_bcm_dg_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: 7.274+/-87.181 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -85.024+/-77.607 χ^2/NDF : 10.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

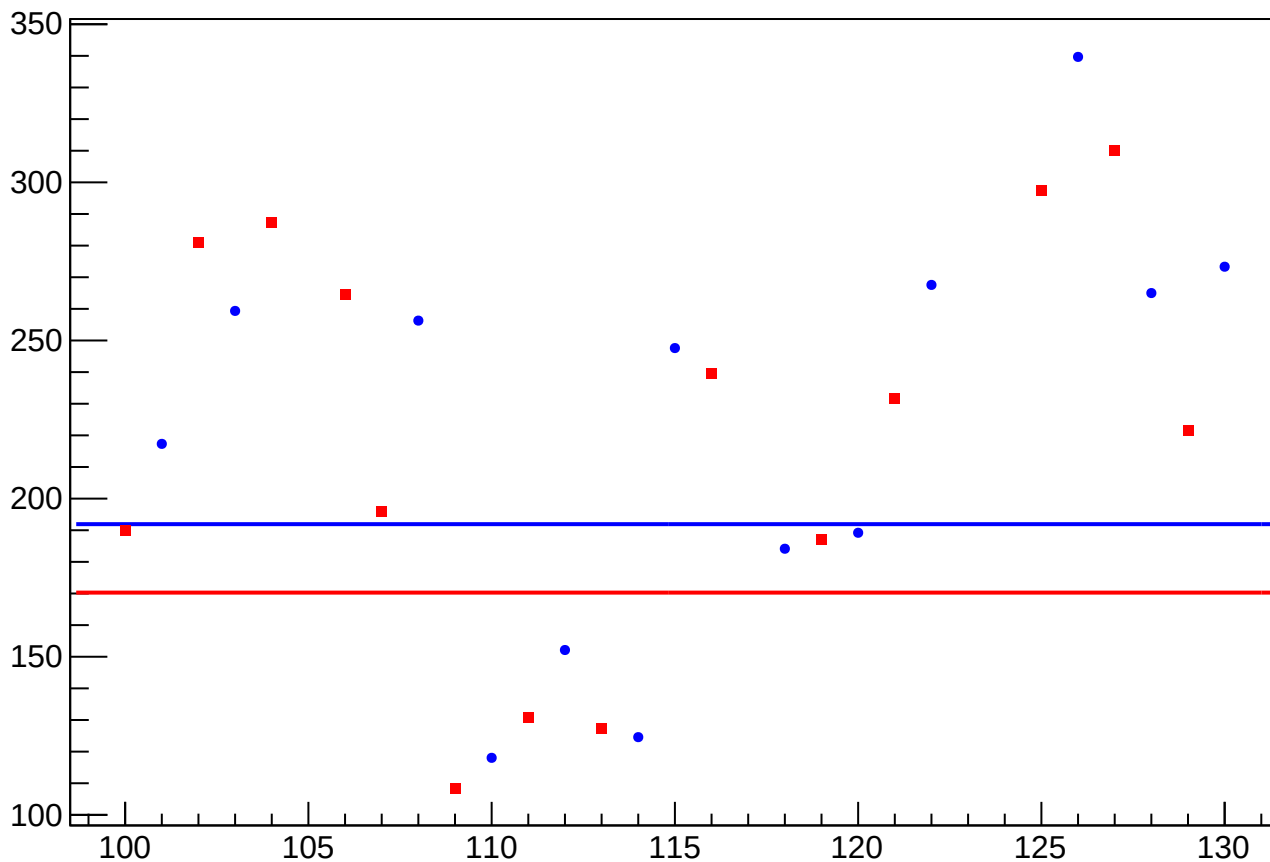
Right: -44.220+/-57.967 χ^2/NDF : 22.5/26

In: 7.274+/-87.181 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.220+/-57.967 χ^2/NDF : 22.5/26

asym_bcm_dg_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 191.924+/-0.062 χ^2/NDF : 946122.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 170.281+/-0.055 χ^2/NDF : 1400651.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

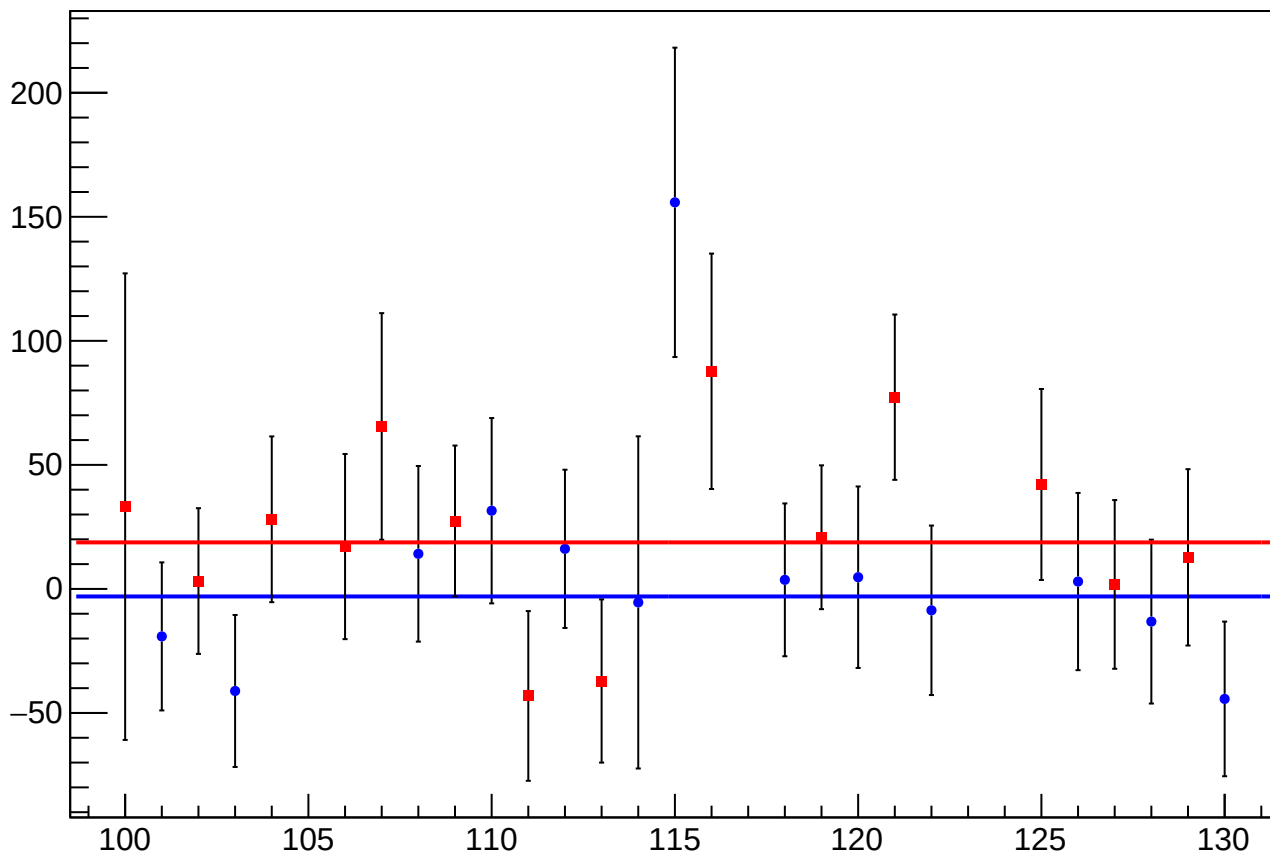
Right: 179.849+/-0.041 χ^2/NDF : 2415540.1/26

In: 191.924+/-0.062 χ^2/NDF : 946122.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.849+/-0.041 χ^2/NDF : 2415540.1/26

asym_bcm_dg_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -3.036 ± 9.734 χ^2/NDF : 11.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 18.762 ± 9.495 χ^2/NDF : 13.5/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

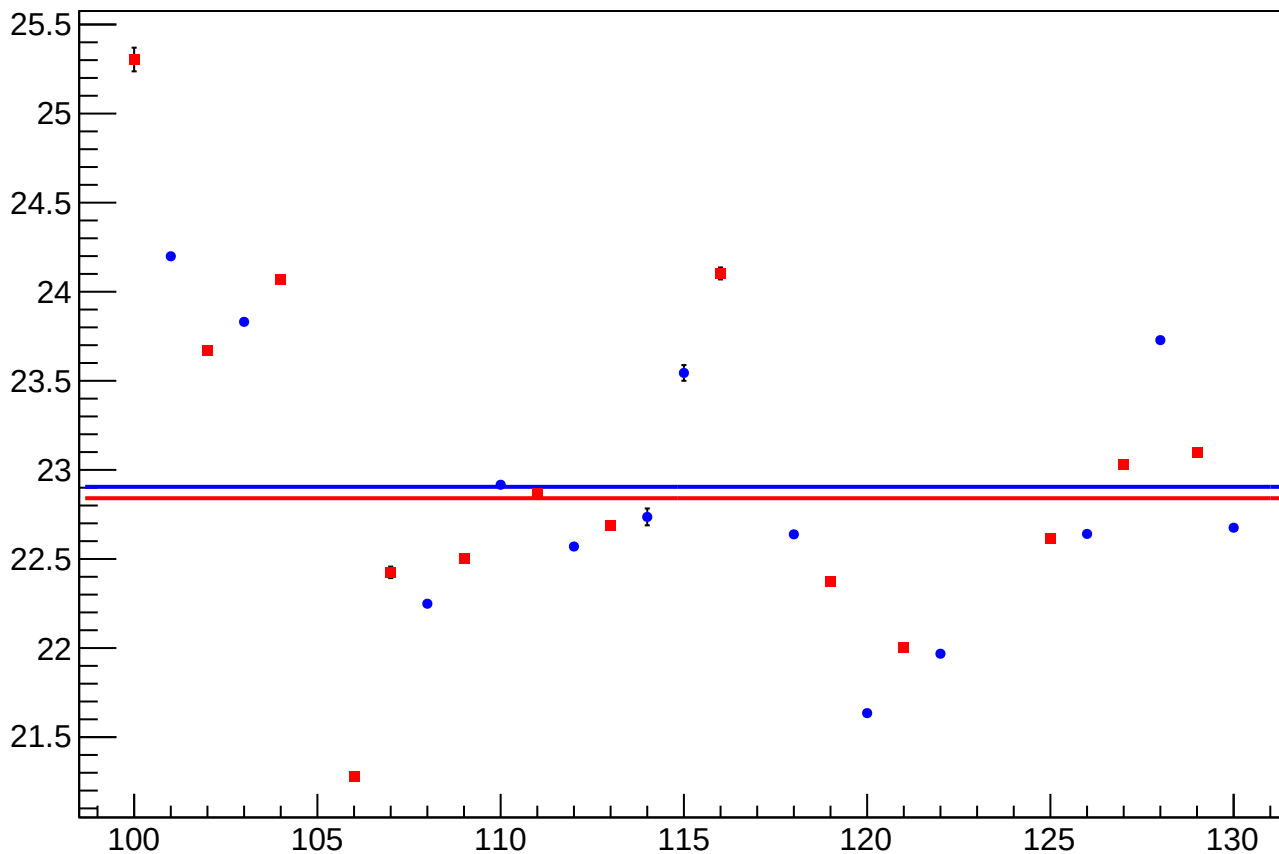
Right: 8.134 ± 6.797 χ^2/NDF : 27.9/26

In: -3.036 ± 9.734 χ^2/NDF : 11.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 8.134 ± 6.797 χ^2/NDF : 27.9/26

asym_bcm_dg_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 22.905+/-0.007 χ^2/NDF : 12245.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.841+/-0.007 χ^2/NDF : 13040.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

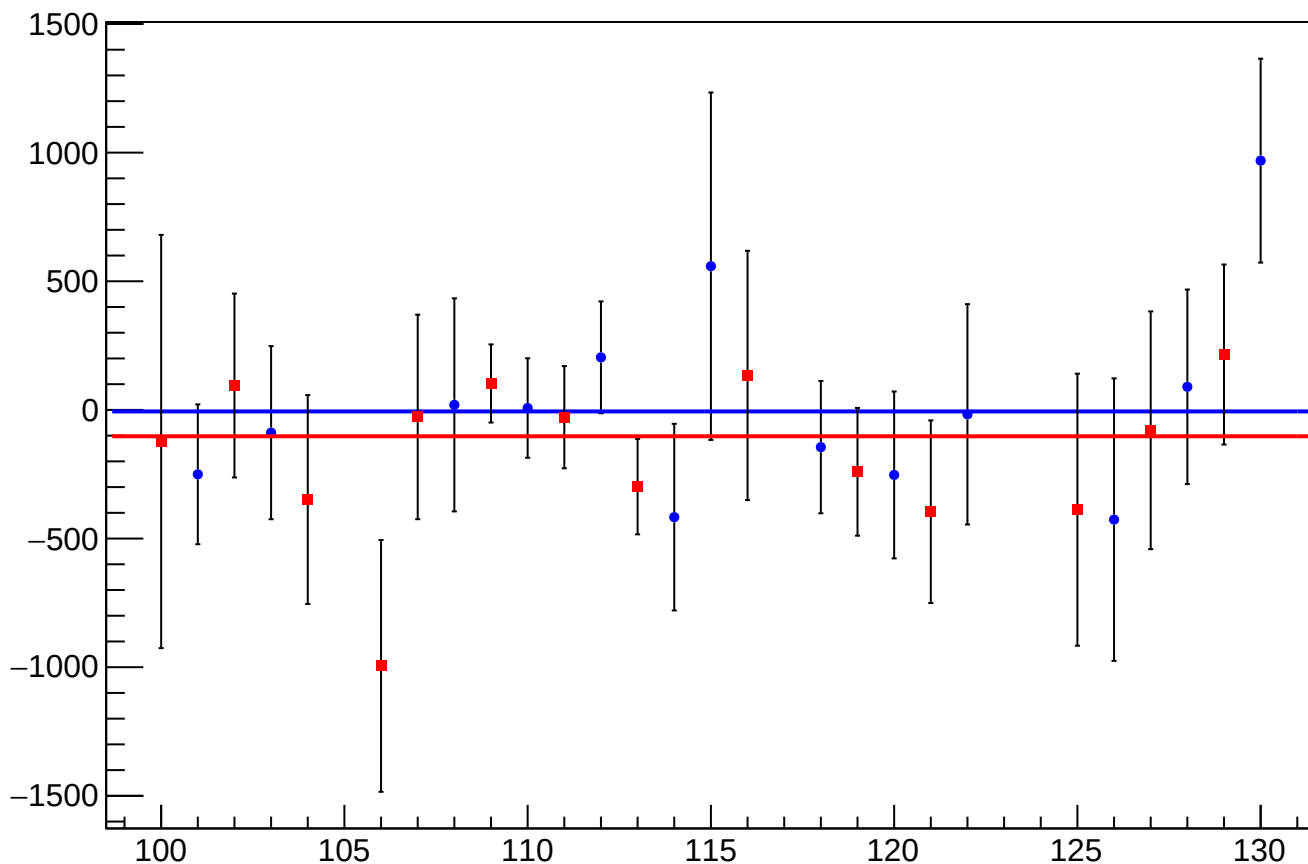
Right: 22.872+/-0.005 χ^2/NDF : 25330.1/26

In: 22.905+/-0.007 χ^2/NDF : 12245.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.872+/-0.005 χ^2/NDF : 25330.1/26

asym_bcm_dg_ds_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -5.875 ± 86.820 $\chi^2/\text{NDF}: 11.4/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -102.553 ± 77.013 $\chi^2/\text{NDF}: 9.5/13$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

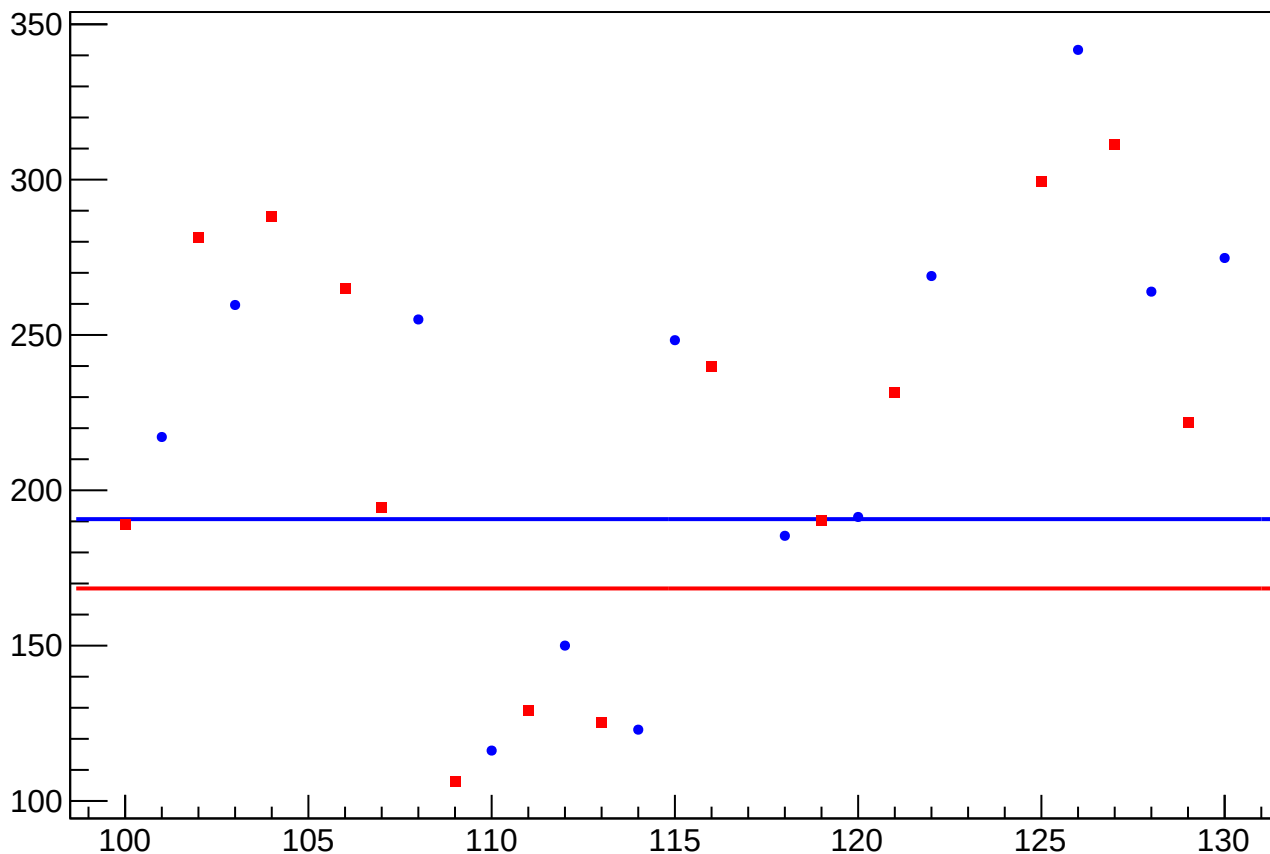
Right: -59.981 ± 57.613 $\chi^2/\text{NDF}: 21.5/26$

In: -5.875 ± 86.820 $\chi^2/\text{NDF}: 11.4/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -59.981 ± 57.613 $\chi^2/\text{NDF}: 21.5/26$

asym_bcm_dg_ds_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 190.720+/-0.061 χ^2/NDF : 986416.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 168.405+/-0.054 χ^2/NDF : 1465390.8/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

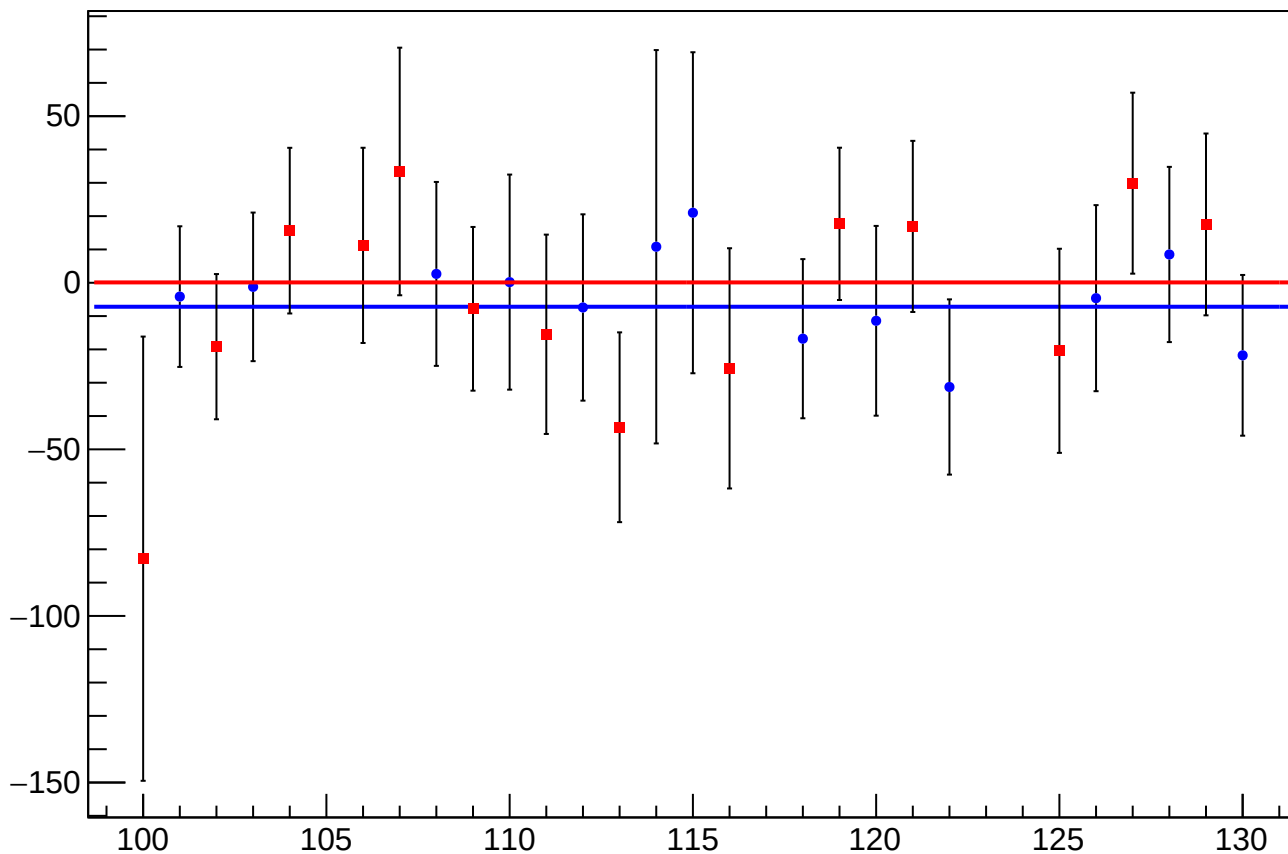
Right: 178.232+/-0.041 χ^2/NDF : 2525753.2/26

In: 190.720+/-0.061 χ^2/NDF :986416.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 178.232+/-0.041 χ^2/NDF : 2525753.2/26

asym_bcm_dg_ds_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -7.197+/-7.580 χ^2/NDF : 2.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.105+/-7.493 χ^2/NDF : 10.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

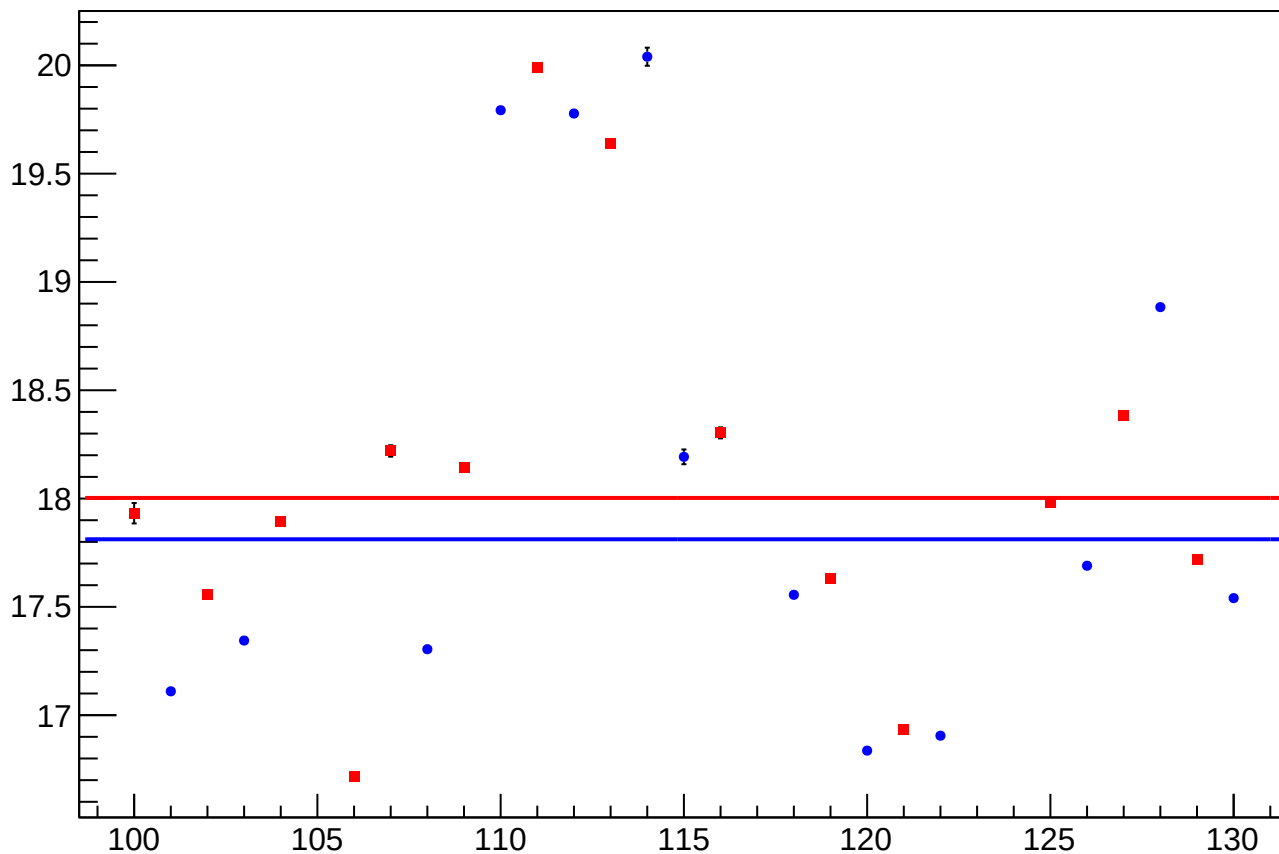
Right: -3.504+/-5.329 χ^2/NDF : 12.9/26

In: -7.197+/-7.580 χ^2/NDF : 2.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.504+/-5.329 χ^2/NDF : 12.9/26

asym_bcm_dg_ds_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 17.812 $\pm$ 0.005 χ^2 /NDF: 32722.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 18.003 $\pm$ 0.005 χ^2 /NDF: 25021.4/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

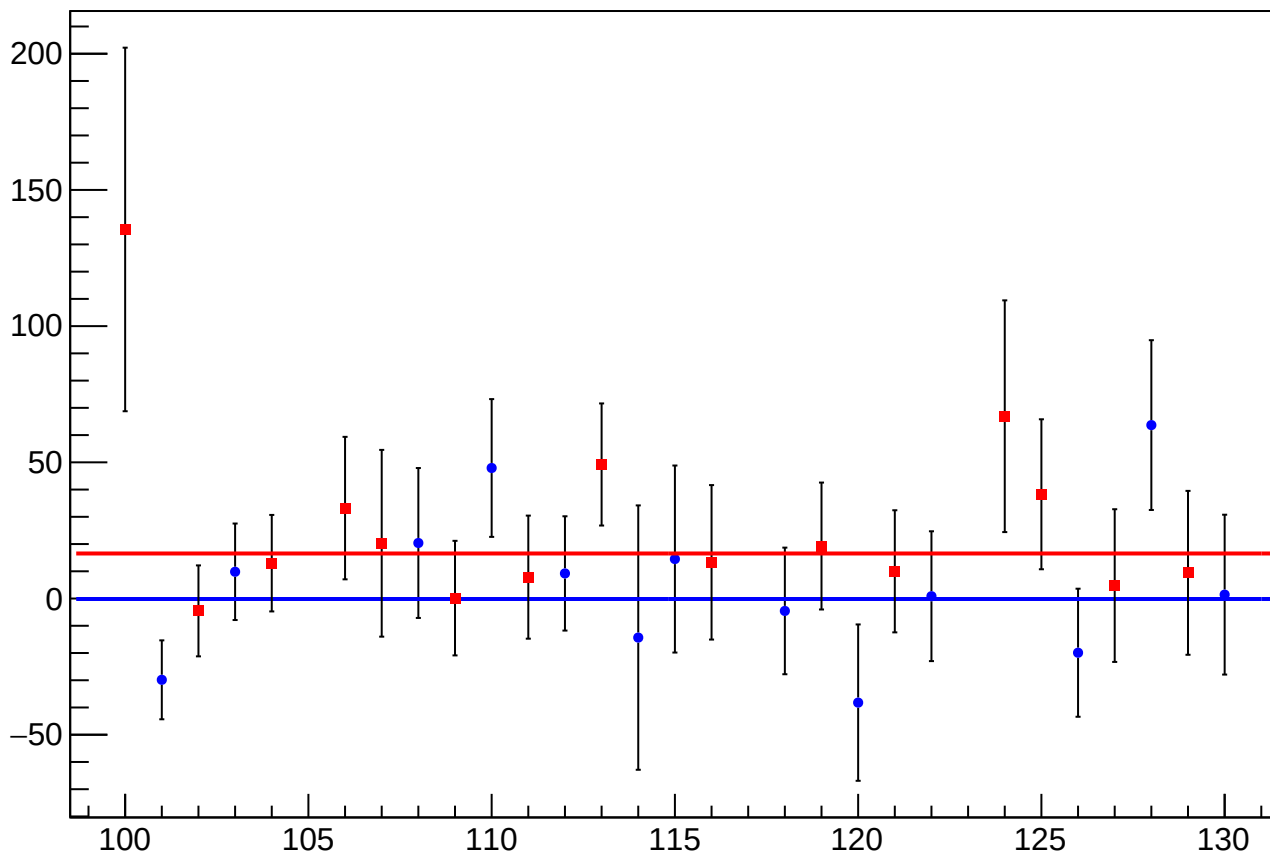
Right: 17.909 $\pm$ 0.004 χ^2 /NDF: 58385.3/26

In: 17.812 $\pm$ 0.005 χ^2 /NDF:32722.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 17.909 $\pm$ 0.004 χ^2 /NDF: 58385.3/26

diff_bpm_4aX_4acX_avg_mean vs Slug, Sign Corrected



Right In: -0.173 ± 6.564 χ^2/NDF : 15.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 16.535 ± 6.344 χ^2/NDF : 10.5/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

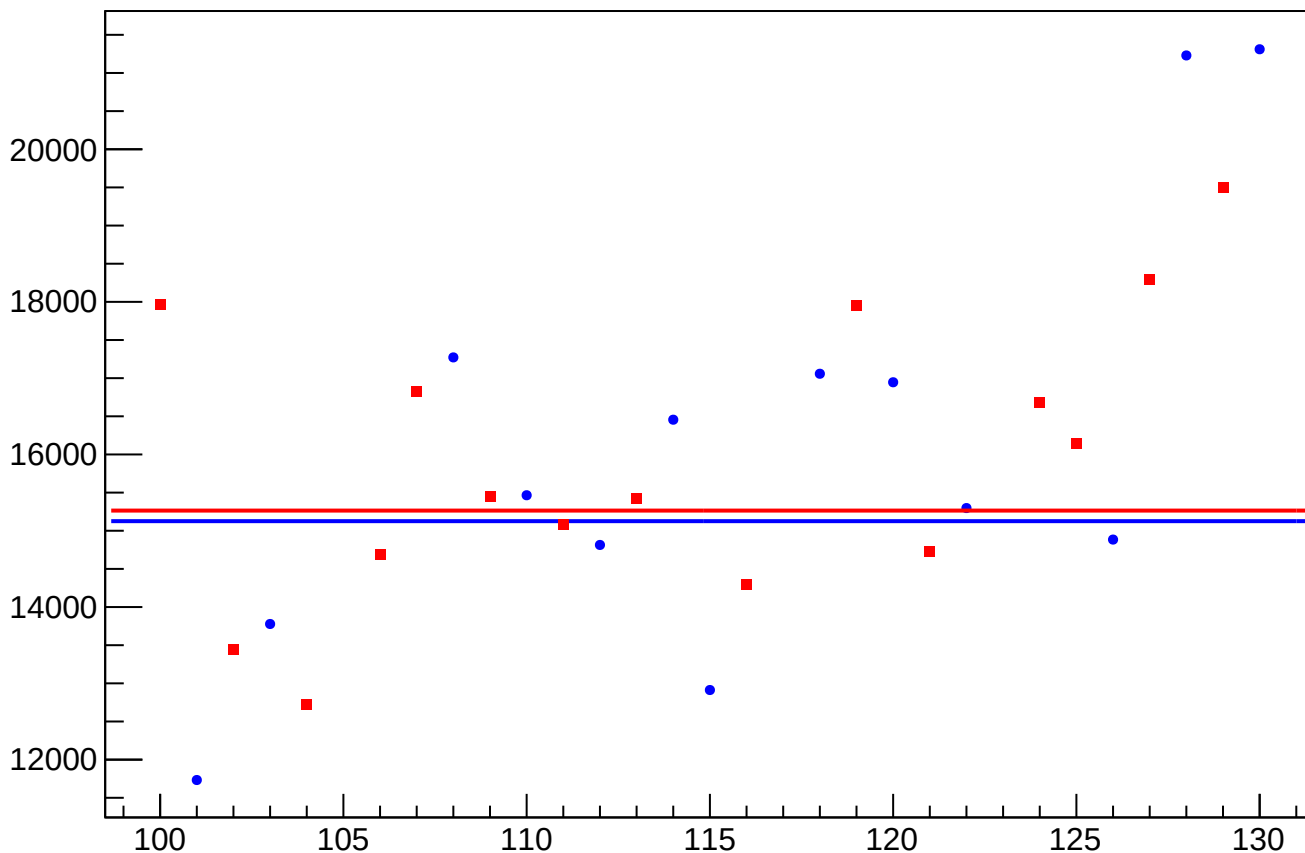
Right: 8.466 ± 4.562 χ^2/NDF : 29.7/27

In: -0.173 ± 6.564 χ^2/NDF : 15.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 8.466 ± 4.562 χ^2/NDF : 29.7/27

diff_bpm_4aX_4acX_avg_rms vs Slug, Sign Corrected



Right In: 15125.769+/-4.641 χ^2/NDF : 331825.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15264.366+/-4.486 χ^2/NDF : 171159.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

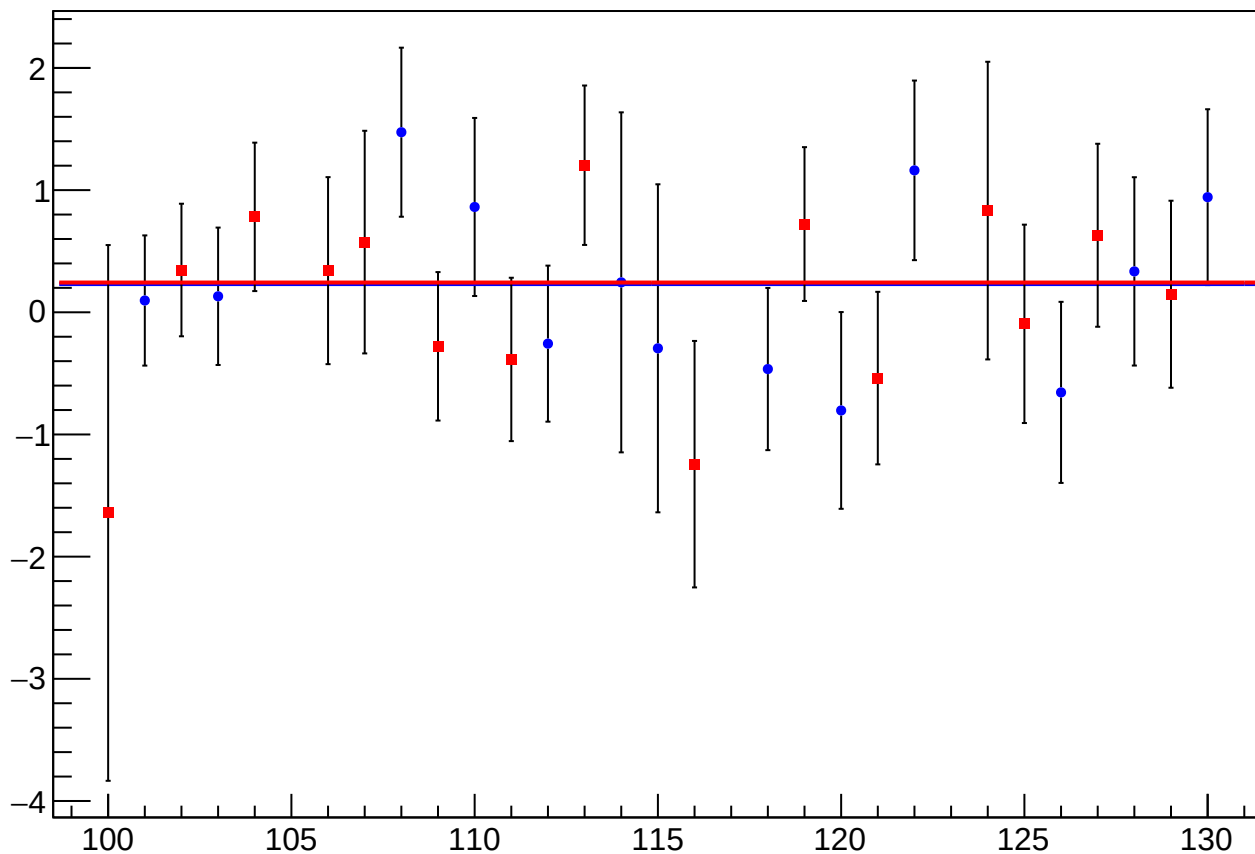
Right: 15197.434+/-3.225 χ^2/NDF : 503445.4/27

In: 15125.769+/-4.641 χ^2/NDF : 331825.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15197.434+/-3.225 χ^2/NDF : 503445.4/27

diff_bpm_4aX_4acX_dd_mean vs Slug, Sign Corrected



Right In: 0.231+/-0.199 χ^2/NDF : 11.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.244+/-0.190 χ^2/NDF : 10.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

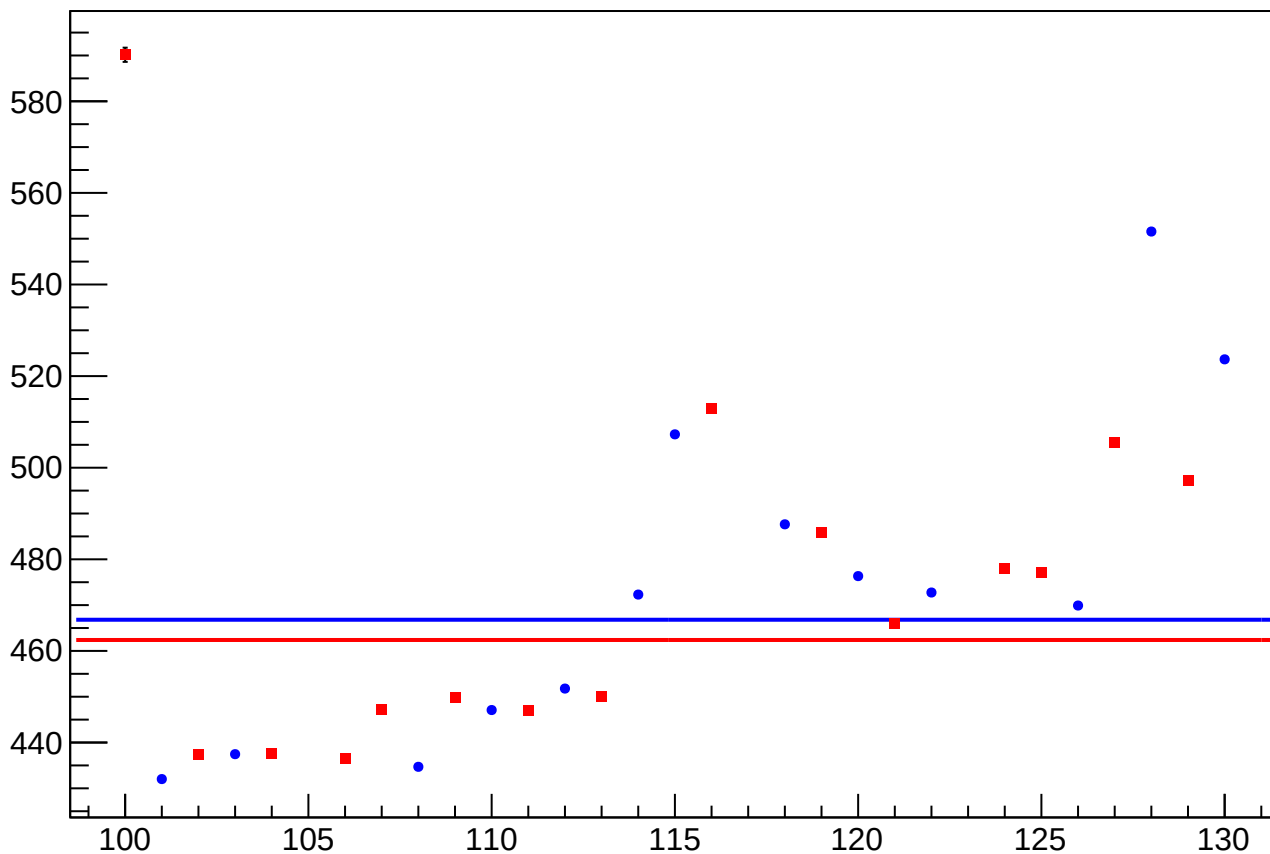
Right: 0.238+/-0.137 χ^2/NDF : 21.8/27

In: 0.231+/-0.199 χ^2/NDF : 11.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.238+/-0.137 χ^2/NDF : 21.8/27

diff_bpm_4aX_4acX_dd_rms vs Slug, Sign Corrected



Right In: 466.807 ± 0.141 χ^2/NDF : 61787.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 462.387 ± 0.134 χ^2/NDF : 39393.5/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

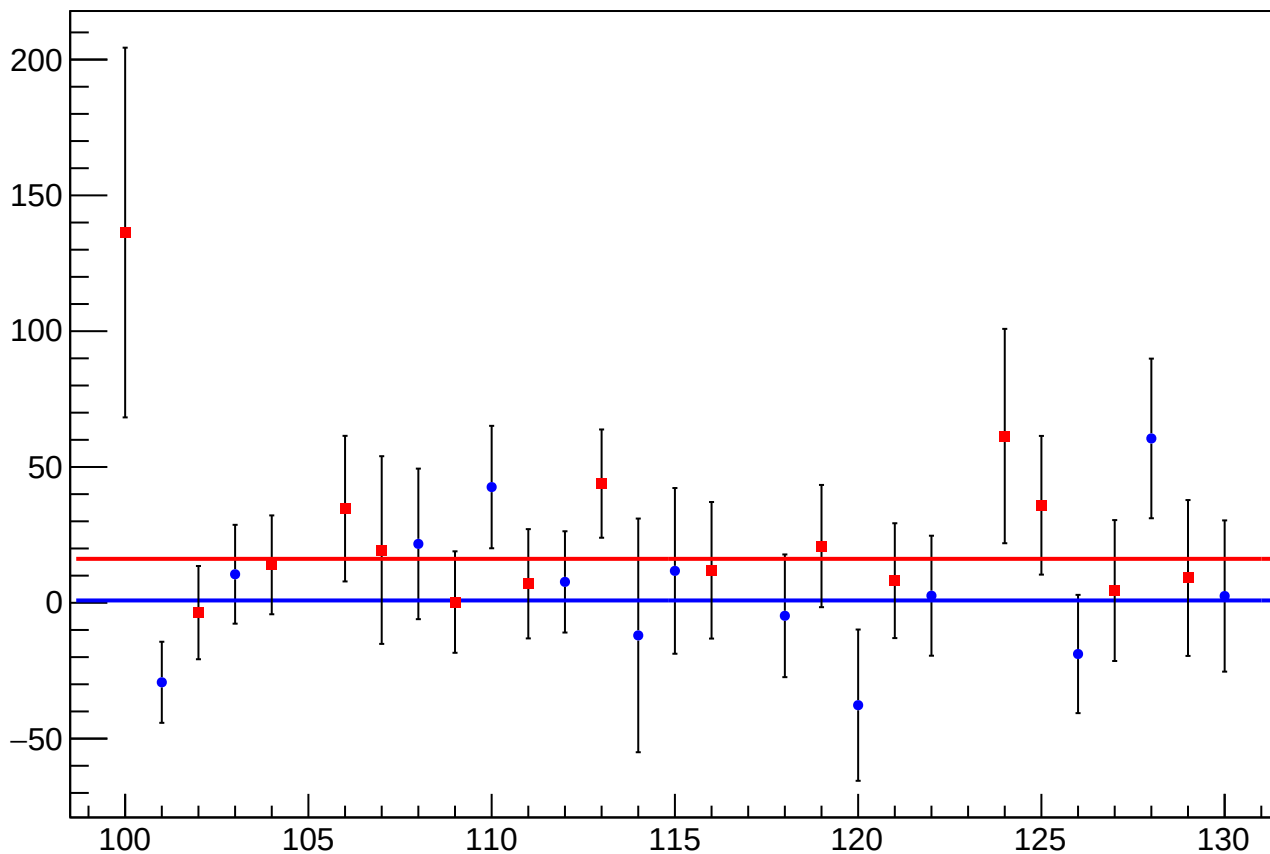
Right: 464.496 ± 0.097 χ^2/NDF : 101697.2/27

In: 466.807 ± 0.141 χ^2/NDF : 61787.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 464.496 ± 0.097 χ^2/NDF : 101697.2/27

diff_bpm_4aX_4eX_avg_mean vs Slug, Sign Corrected



Right In: 0.864 $\pm$ 6.308 χ^2 /NDF: 15.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 16.183 $\pm$ 6.043 χ^2 /NDF: 10.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

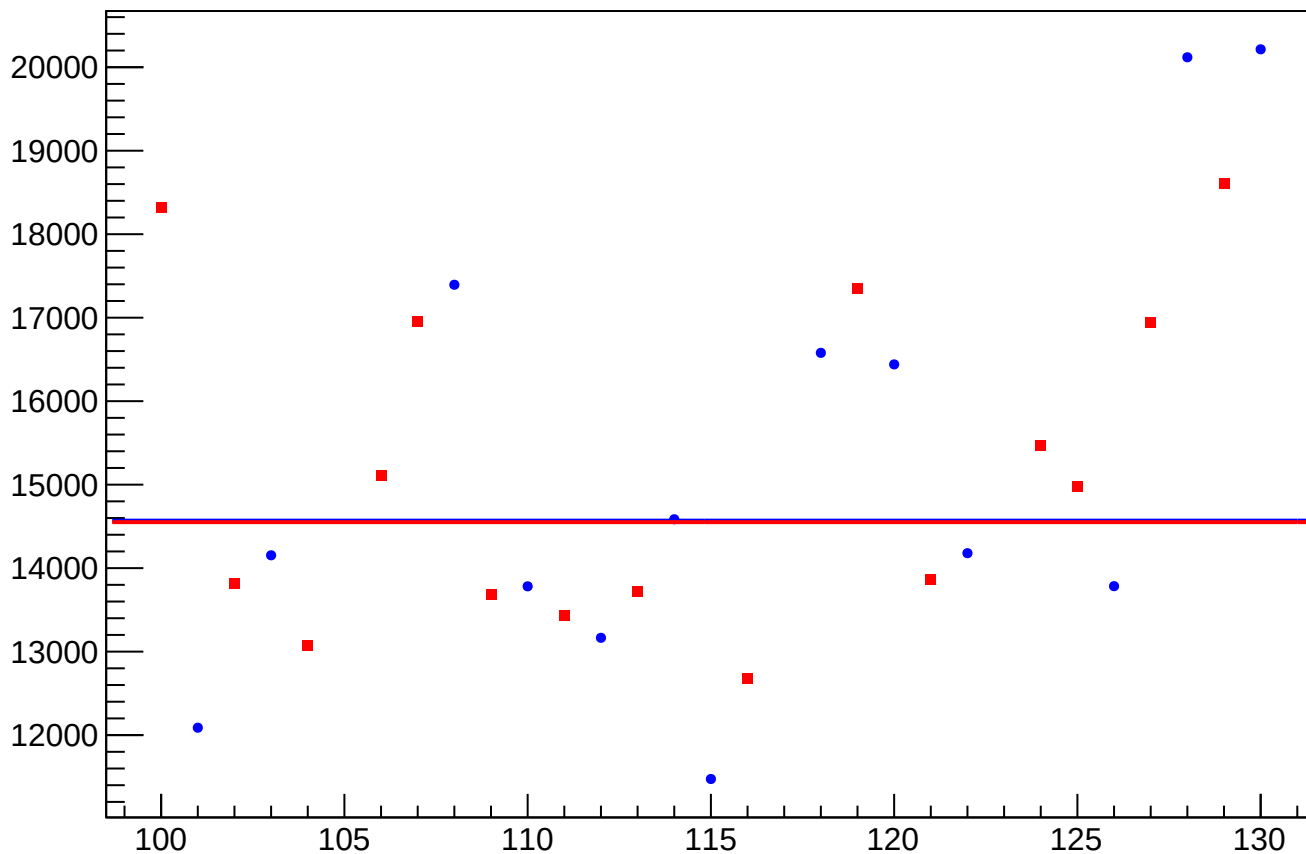
Right: 8.852 $\pm$ 4.364 χ^2 /NDF: 28.9/27

In: 0.864 $\pm$ 6.308 χ^2 /NDF:15.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 8.852 $\pm$ 4.364 χ^2 /NDF: 28.9/27

diff_bpm_4aX_4eX_avg_rms vs Slug, Sign Corrected



Right In: 14568.817+/-4.461 χ^2/NDF : 293066.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14551.031+/-4.273 χ^2/NDF : 150344.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

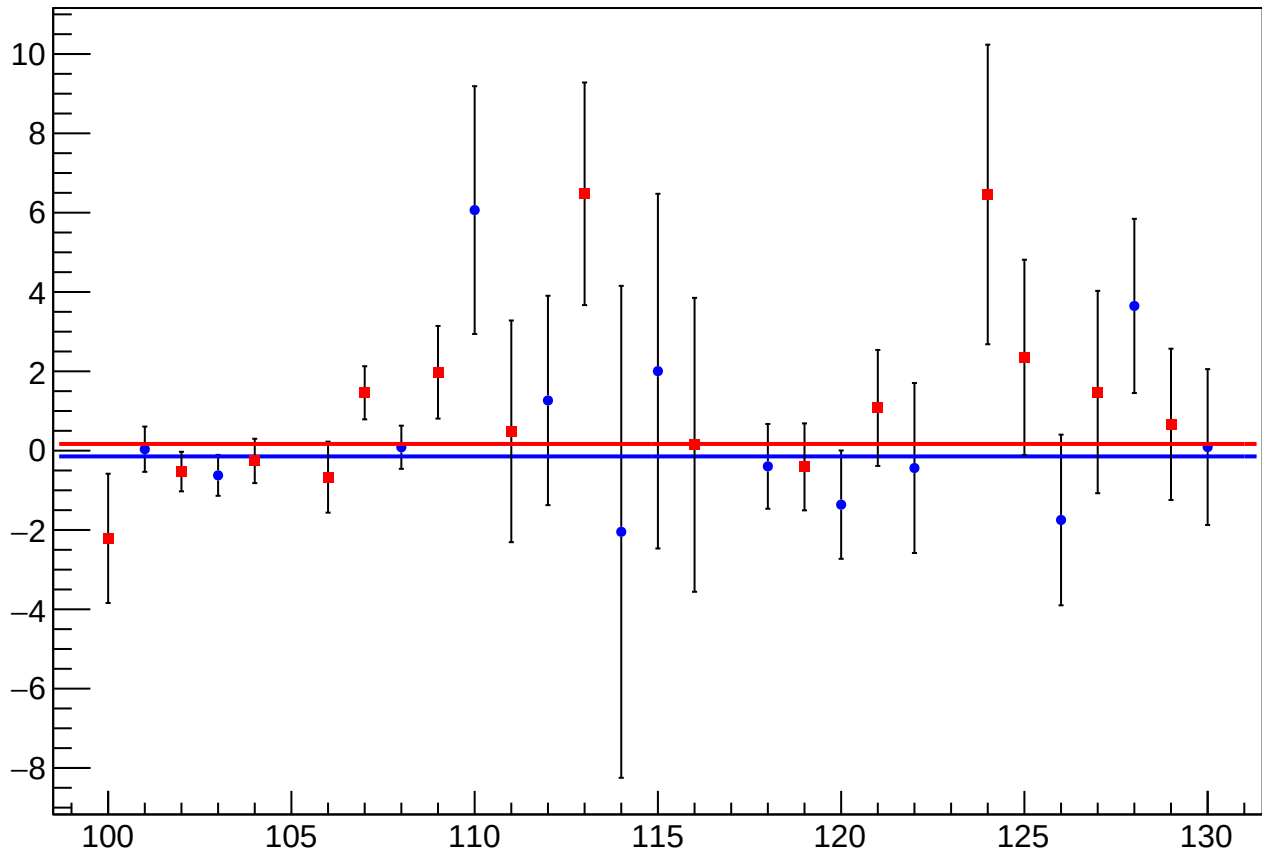
Right: 14559.542+/-3.086 χ^2/NDF : 443418.8/27

In: 14568.817+/-4.461 χ^2/NDF : 293066.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14559.542+/-3.086 χ^2/NDF : 443418.8/27

diff_bpm_4aX_4eX_dd_mean vs Slug, Sign Corrected



Right In: -0.145+/-0.279 χ^2/NDF : 10.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.169+/-0.266 χ^2/NDF : 21.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

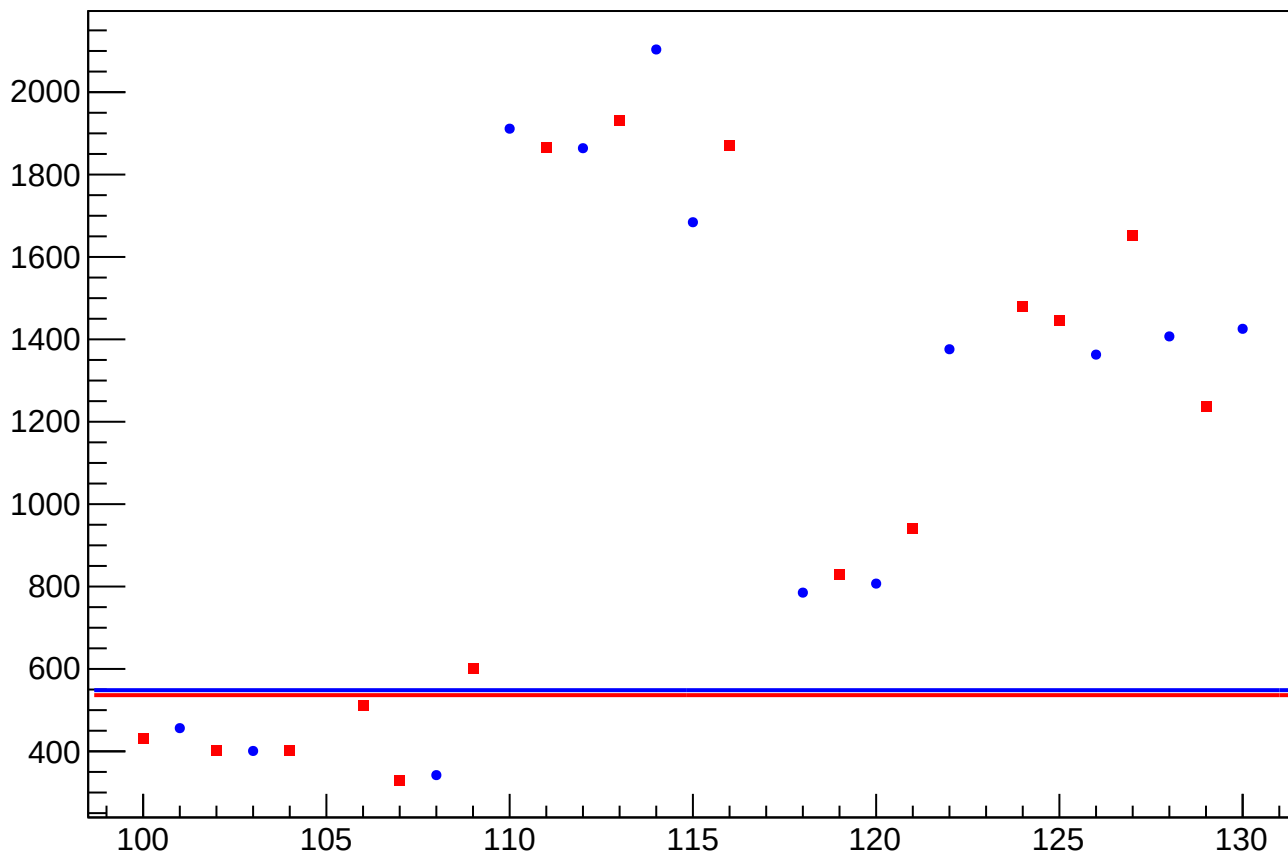
Right: 0.019+/-0.193 χ^2/NDF : 32.1/27

In: -0.145+/-0.279 χ^2/NDF : 10.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.193 χ^2/NDF : 32.1/27

diff_bpm_4aX_4eX_dd_rms vs Slug, Sign Corrected



Right In: 548.457+/-0.197 χ^2/NDF : 3094232.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 536.371+/-0.188 χ^2/NDF : 3024439.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

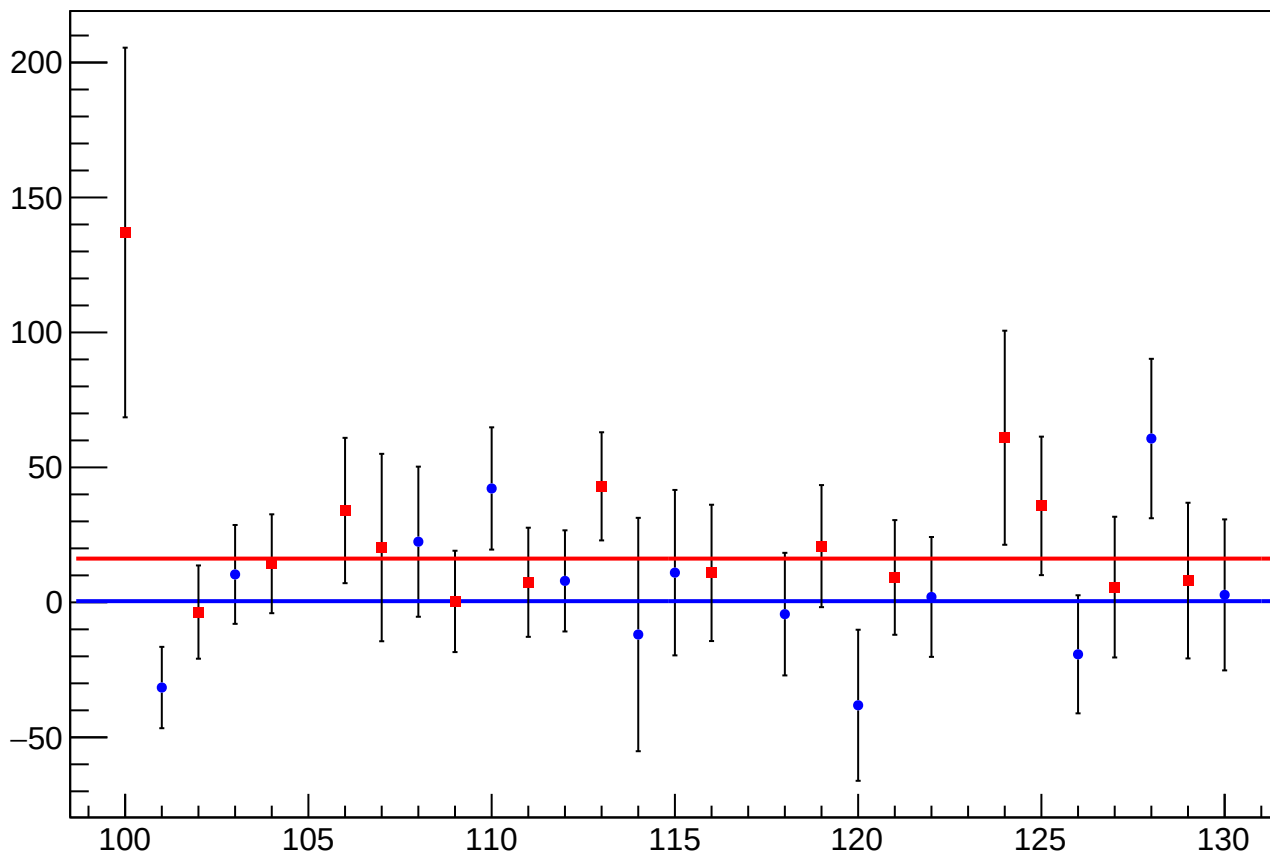
Right: 542.130+/-0.136 χ^2/NDF : 6120635.7/27

In: 548.457+/-0.197 χ^2/NDF :3094232.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 542.130+/-0.136 χ^2/NDF : 6120635.7/27

diff_bpm_4aX_4ecX_avg_mean vs Slug, Sign Corrected



Right In: 0.447 $\pm$ 6.345 χ^2 /NDF: 16.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 16.214 $\pm$ 6.074 χ^2 /NDF: 9.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

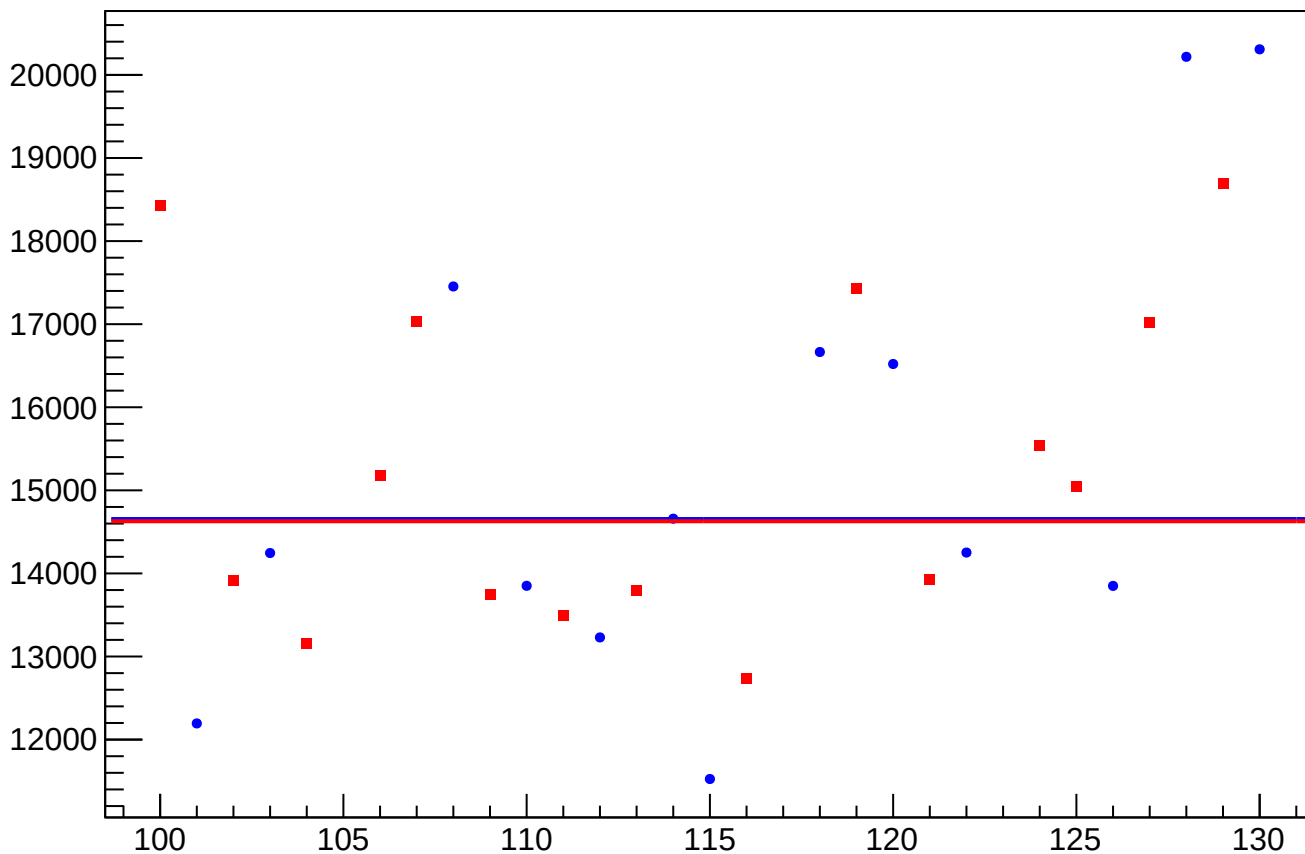
Right: 8.674 $\pm$ 4.388 χ^2 /NDF: 29.2/27

In: 0.447 $\pm$ 6.345 χ^2 /NDF:16.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 8.674 $\pm$ 4.388 χ^2 /NDF: 29.2/27

diff_bpm_4aX_4ecX_avg_rms vs Slug, Sign Corrected



Right In: 14654.496+/-4.487 χ^2/NDF : 290142.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14627.898+/-4.295 χ^2/NDF : 149768.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

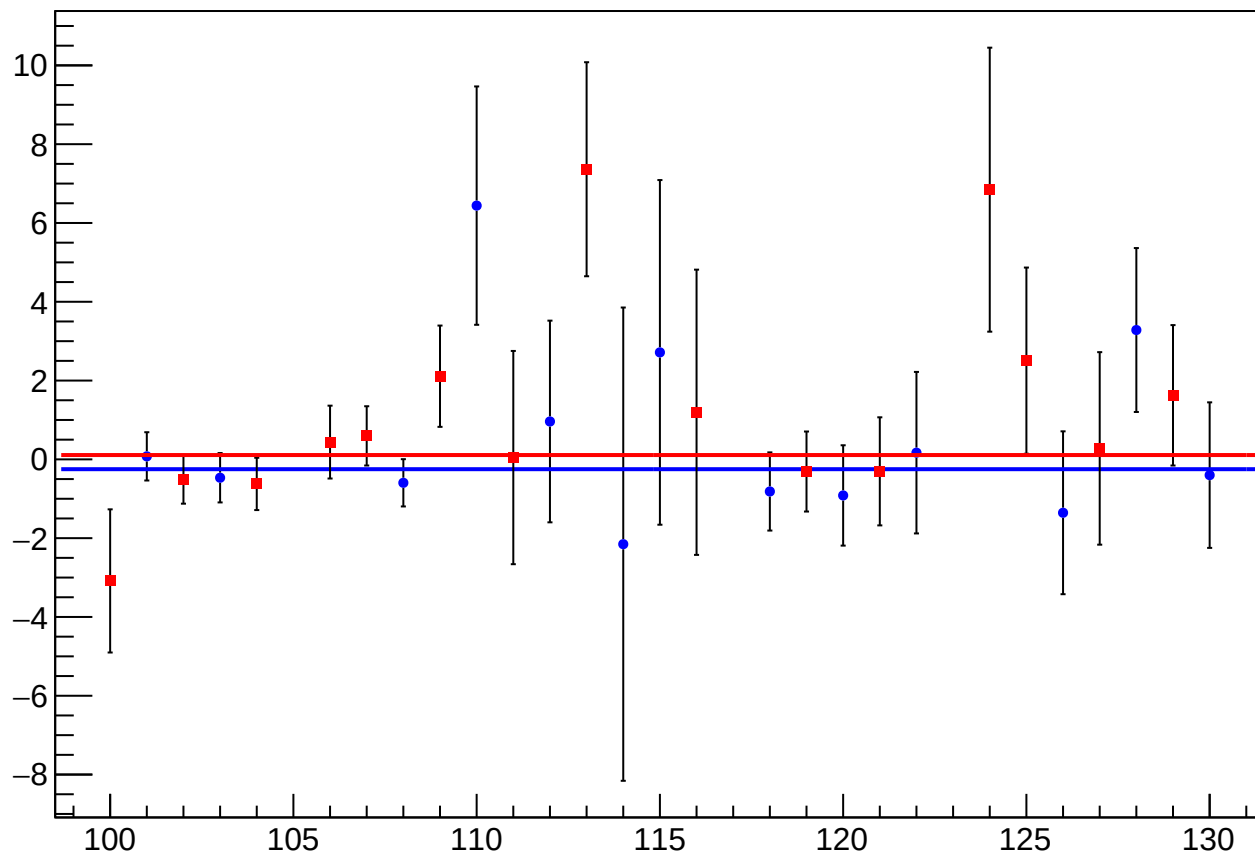
Right: 14640.618+/-3.103 χ^2/NDF : 439929.4/27

In: 14654.496+/-4.487 χ^2/NDF : 290142.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14640.618+/-3.103 χ^2/NDF : 439929.4/27

diff_bpm_4aX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: -0.249 ± 0.302 χ^2/NDF : 10.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.110 ± 0.296 χ^2/NDF : 21.1/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

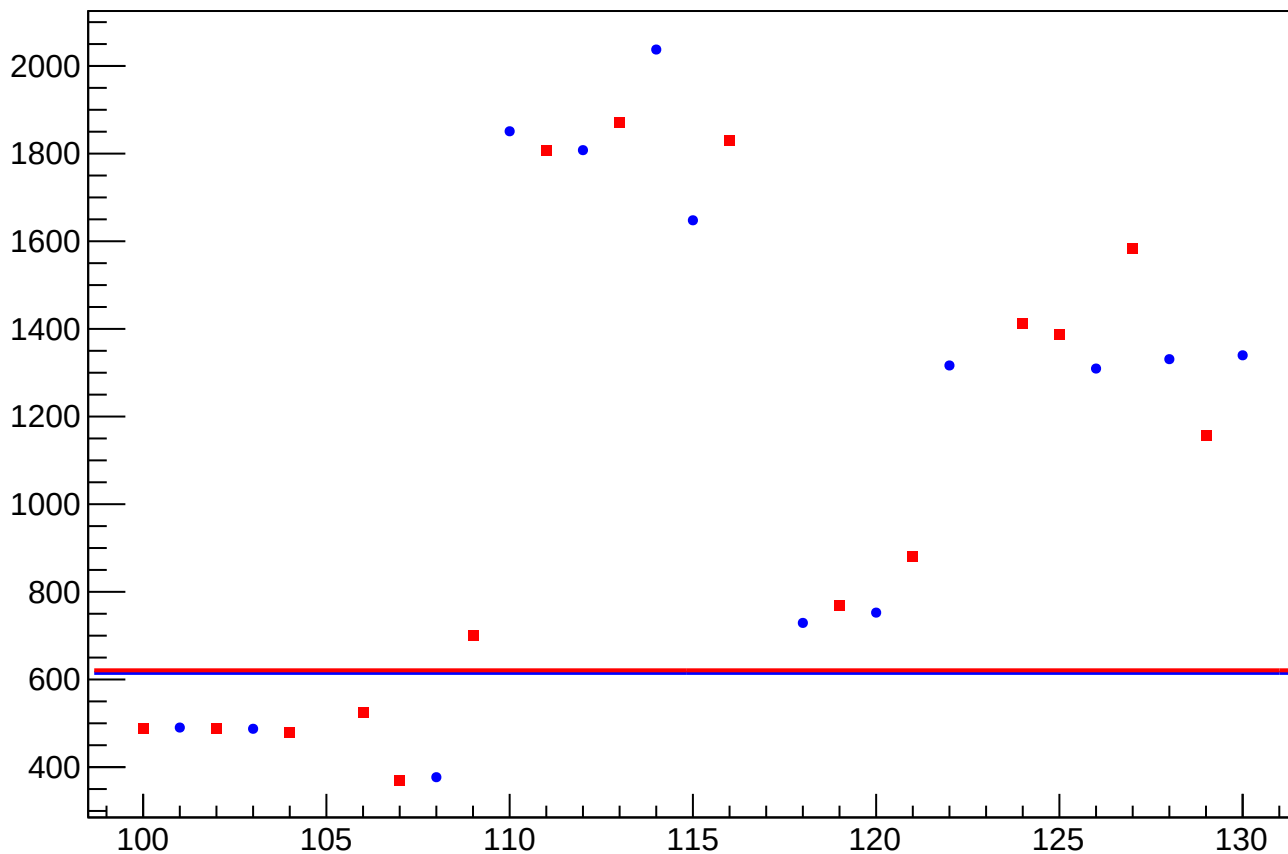
Right: -0.066 ± 0.211 χ^2/NDF : 32.0/27

In: -0.249 ± 0.302 χ^2/NDF : 10.2/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.066 ± 0.211 χ^2/NDF : 32.0/27

diff_bpm_4aX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 615.083+/-0.214 χ^2/NDF : 2526945.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 620.920+/-0.209 χ^2/NDF : 2392293.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

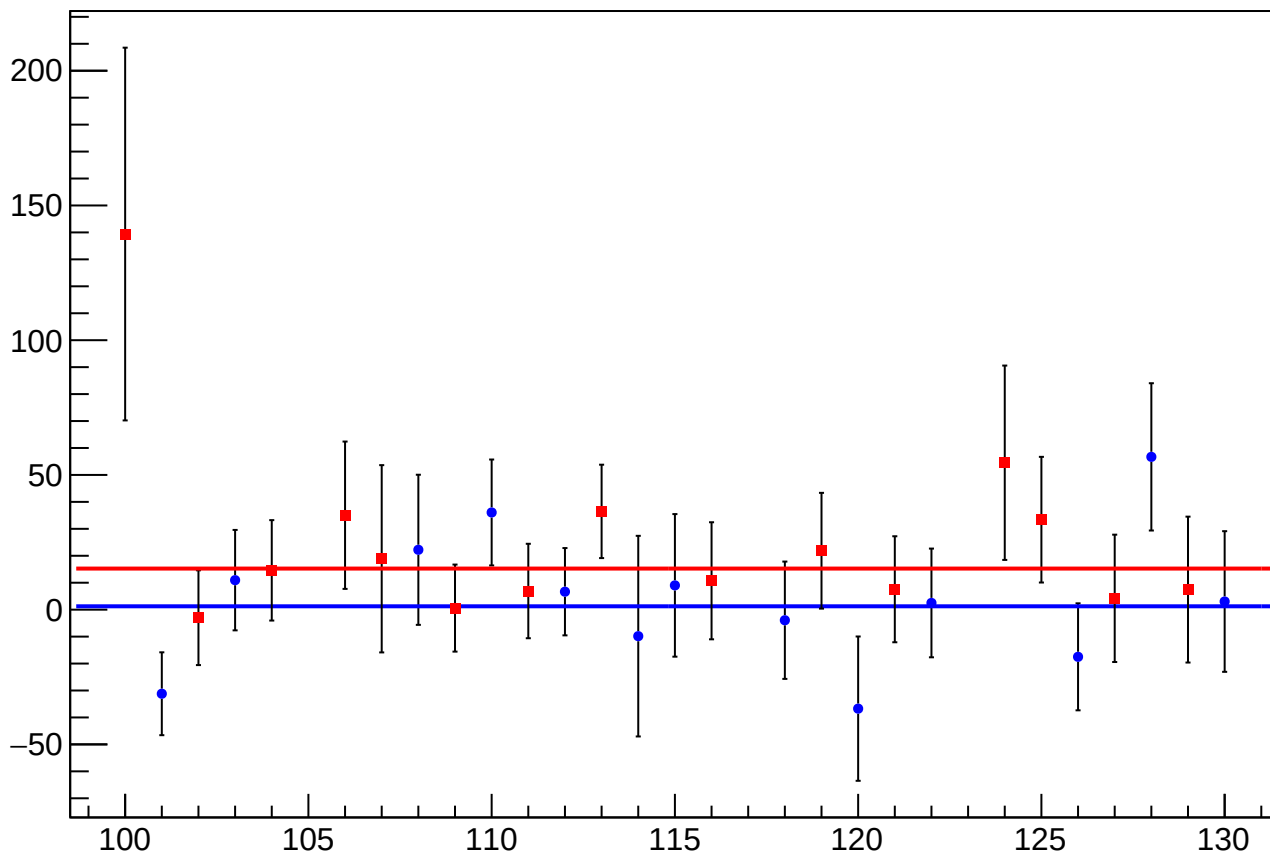
Right: 618.062+/-0.149 χ^2/NDF : 4919619.5/27

In: 615.083+/-0.214 χ^2/NDF :2526945.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 618.062+/-0.149 χ^2/NDF : 4919619.5/27

diff_bpm_4eX_4ecX_avg_mean vs Slug, Sign Corrected



Right In: 1.250+/-5.949 χ^2/NDF : 15.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.250+/-5.631 χ^2/NDF : 9.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

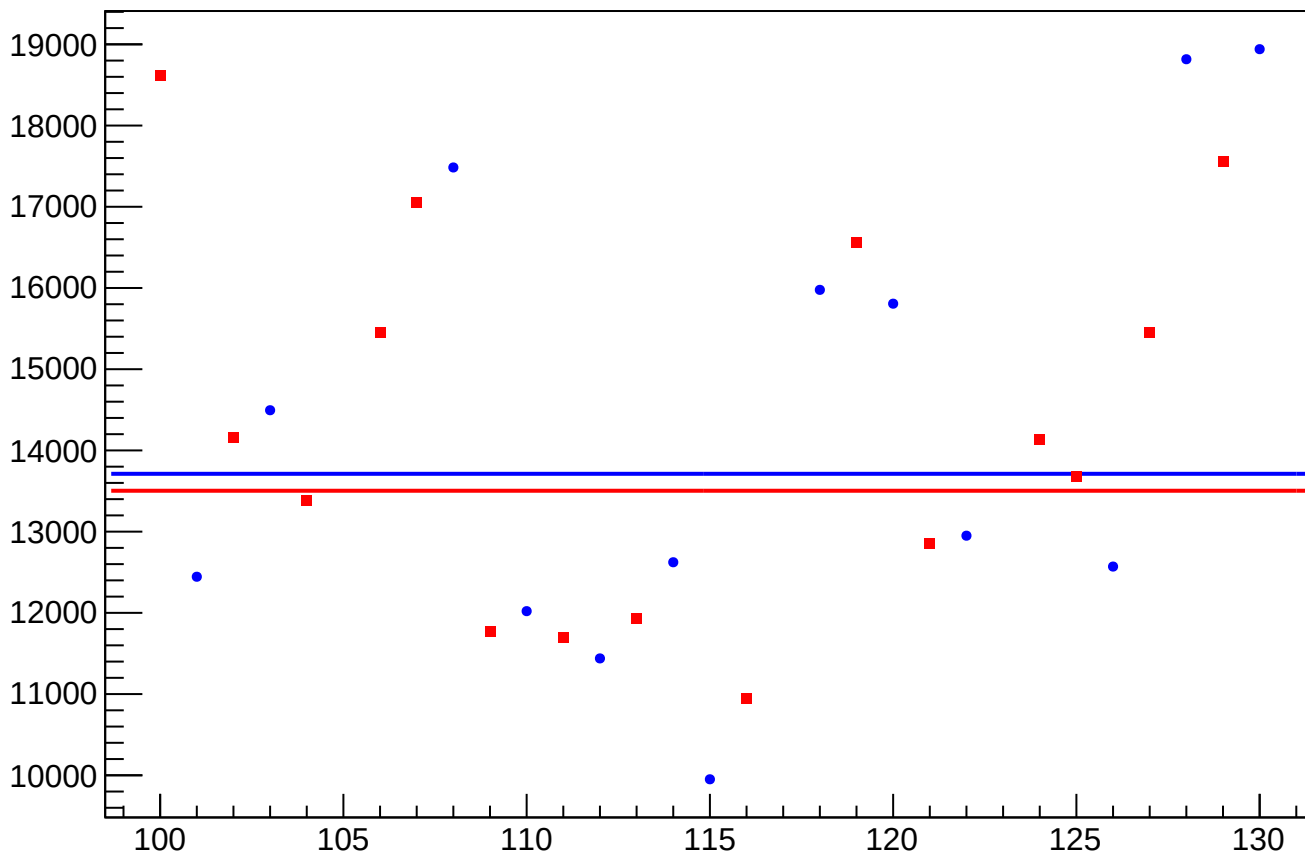
Right: 8.635+/-4.089 χ^2/NDF : 28.5/27

In: 1.250+/-5.949 χ^2/NDF : 15.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.635+/-4.089 χ^2/NDF : 28.5/27

diff_bpm_4eX_4ecX_avg_rms vs Slug, Sign Corrected



Right In: 13712.116+/-4.207 χ^2/NDF : 343497.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 13503.504+/-3.981 χ^2/NDF : 234812.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

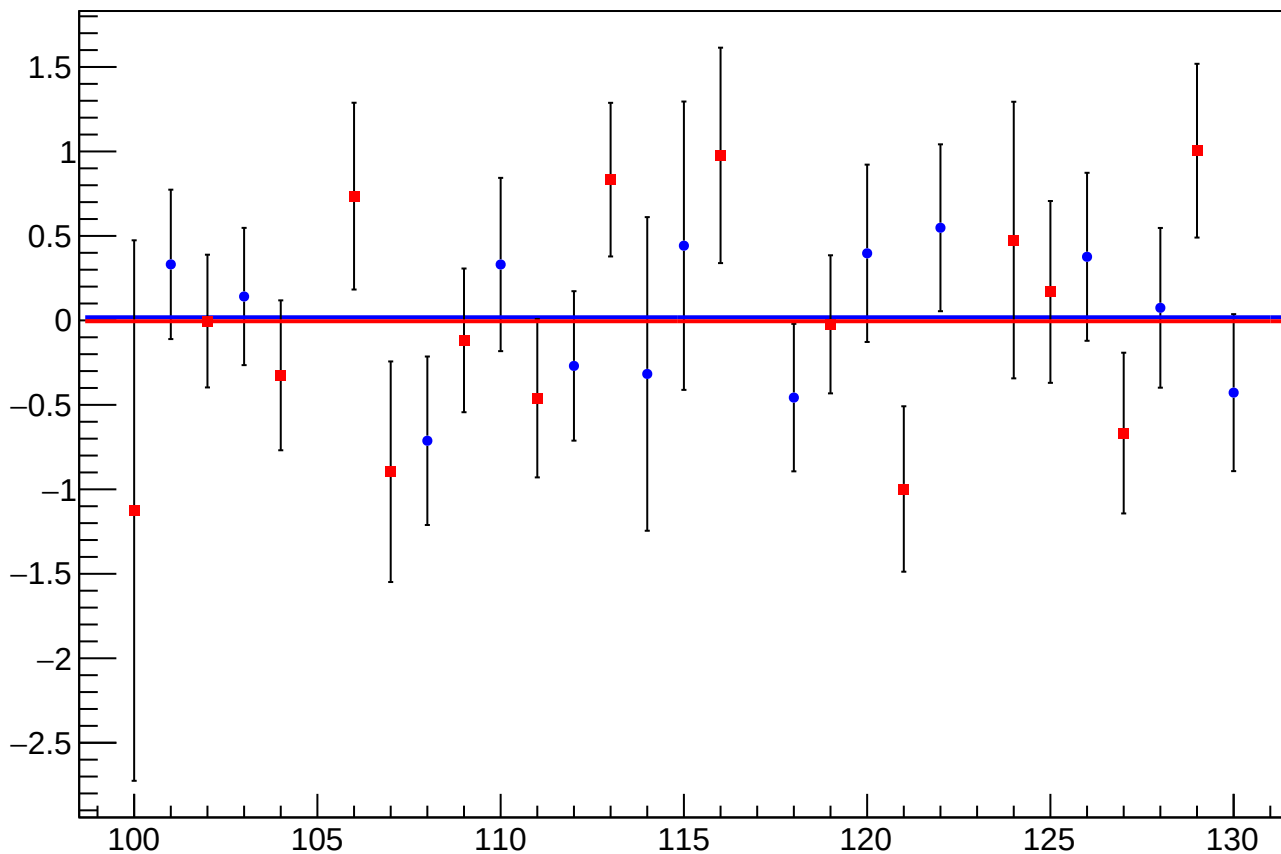
Right: 13602.073+/-2.892 χ^2/NDF : 579606.8/27

In: 13712.116+/-4.207 χ^2/NDF :343497.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 13602.073+/-2.892 χ^2/NDF : 579606.8/27

diff_bpm_4eX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.138 χ^2/NDF : 8.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.005+/-0.131 χ^2/NDF : 21.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

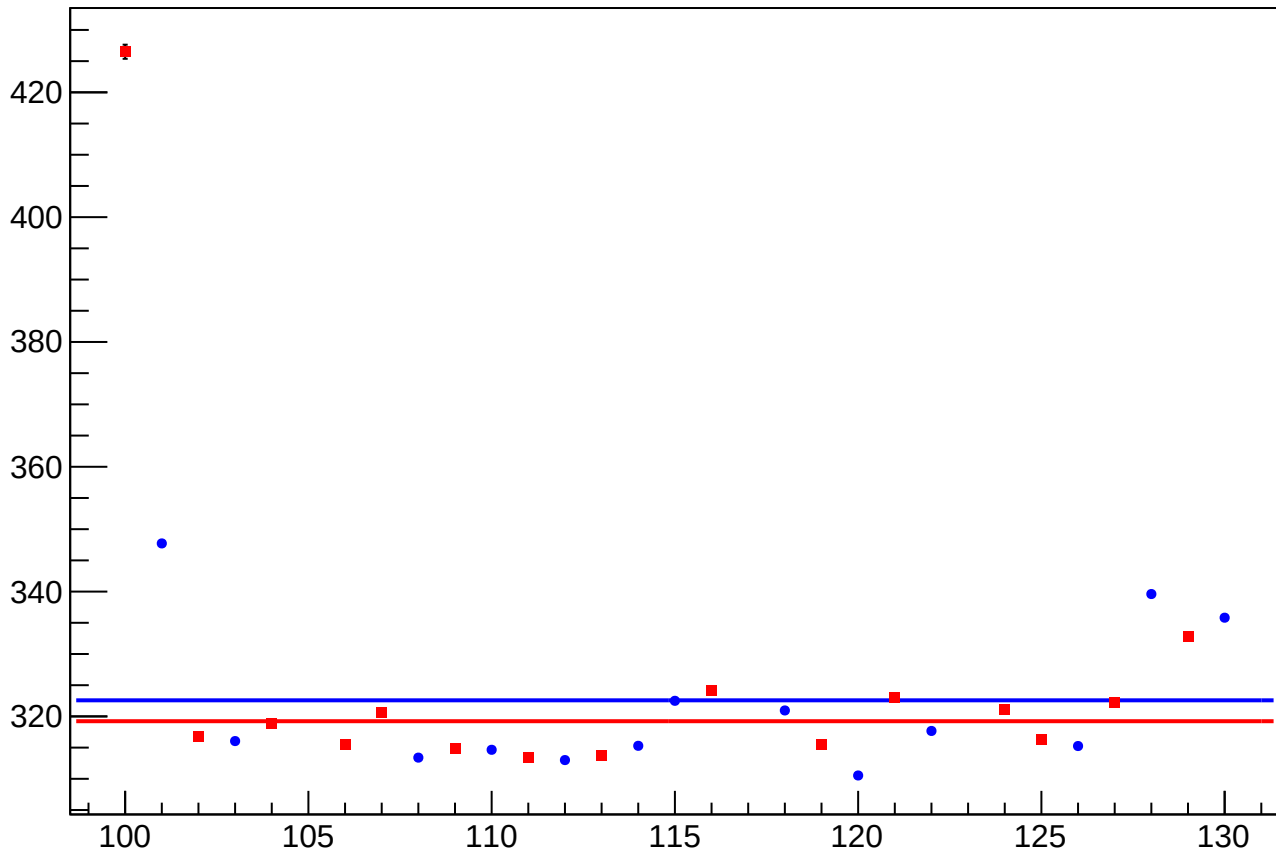
Right: 0.006+/-0.095 χ^2/NDF : 30.0/27

In: 0.018+/-0.138 χ^2/NDF : 8.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.095 χ^2/NDF : 30.0/27

diff_bpm_4eX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 322.578+/-0.097 χ^2/NDF : 15132.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 319.231+/-0.093 χ^2/NDF : 11922.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

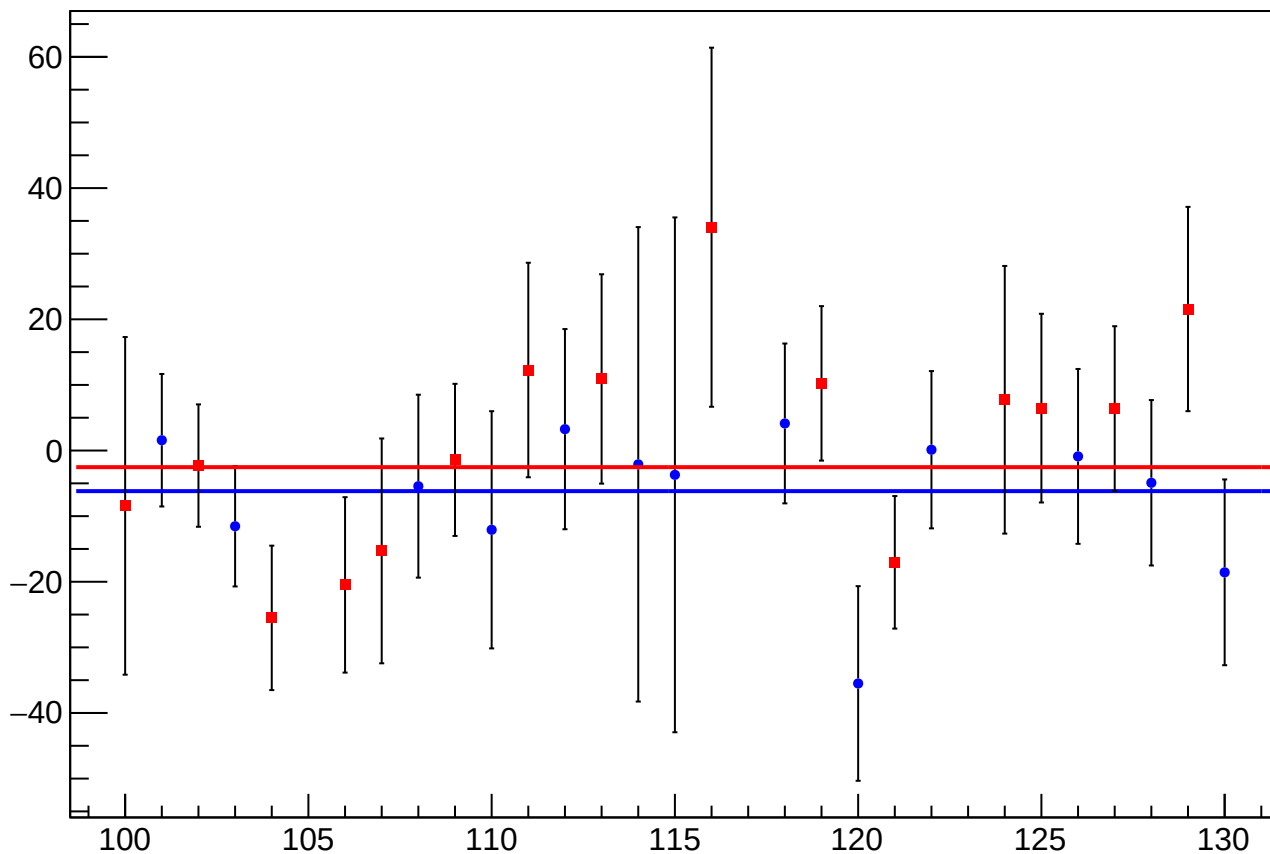
Right: 320.822+/-0.067 χ^2/NDF : 27675.2/27

In: 322.578+/-0.097 χ^2/NDF : 15132.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 320.822+/-0.067 χ^2/NDF : 27675.2/27

diff_bpm_4aY_4acY_avg_mean vs Slug, Sign Corrected



Right In: -6.186 $\pm$ 3.759 χ^2 /NDF: 7.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.533 $\pm$ 3.504 χ^2 /NDF: 16.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

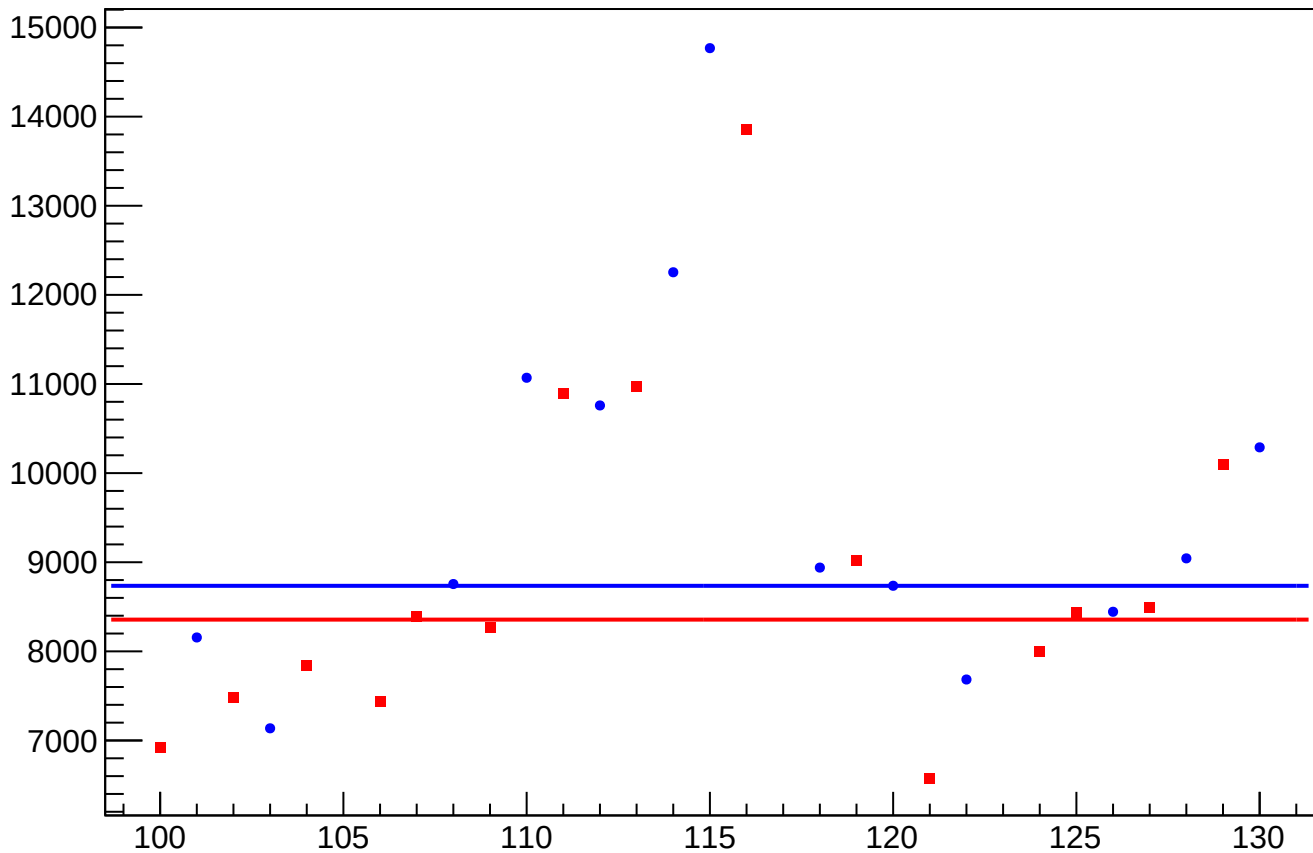
Right: -4.231 $\pm$ 2.563 χ^2 /NDF: 24.7/27

In: -6.186 $\pm$ 3.759 χ^2 /NDF:7.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.231 $\pm$ 2.563 χ^2 /NDF: 24.7/27

diff_bpm_4aY_4acY_avg_rms vs Slug, Sign Corrected



Right In: 8735.377+/-2.658 χ^2/NDF : 244264.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8356.175+/-2.478 χ^2/NDF : 314415.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

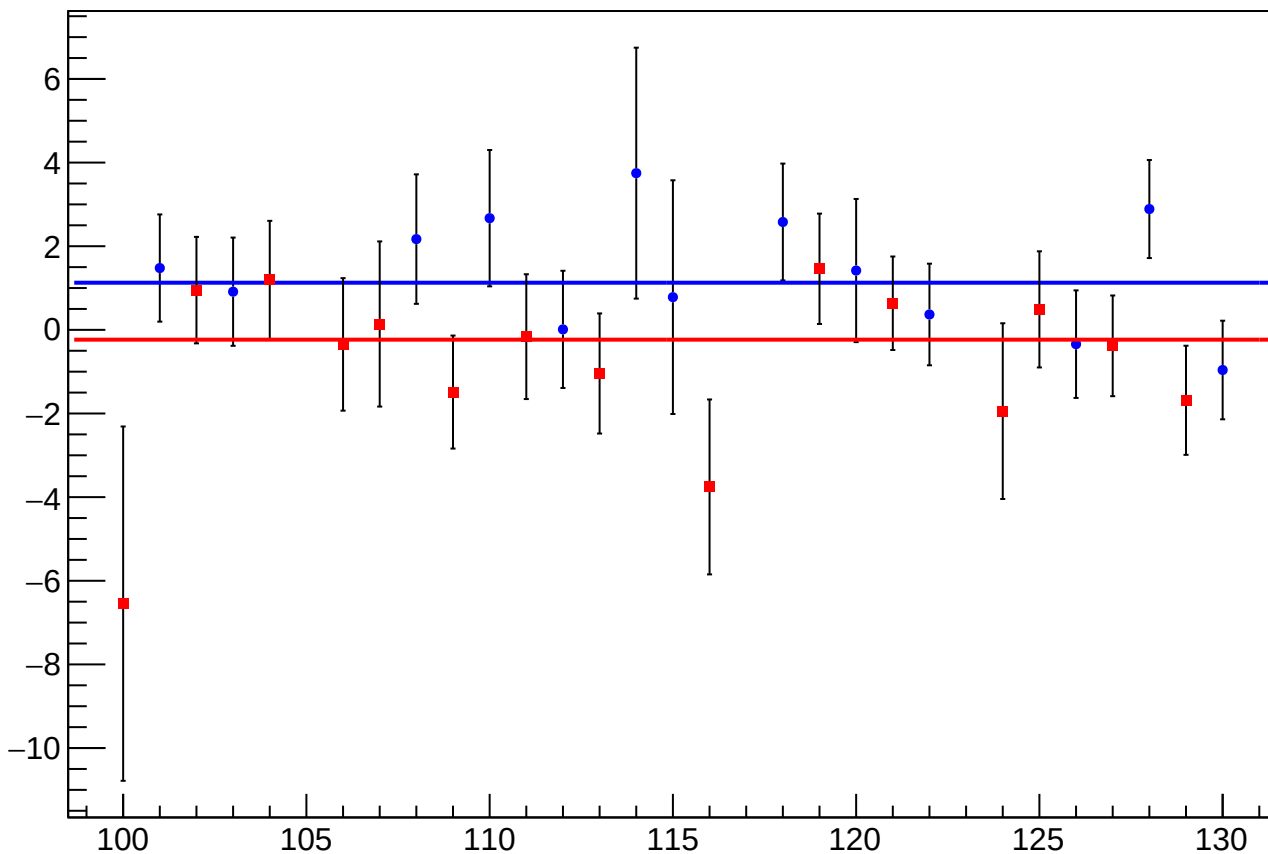
Right: 8532.462+/-1.813 χ^2/NDF : 569568.6/27

In: 8735.377+/-2.658 χ^2/NDF : 244264.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8532.462+/-1.813 χ^2/NDF : 569568.6/27

diff_bpm_4aY_4acY_dd_mean vs Slug, Sign Corrected



Right In: 1.127+/-0.397 χ^2/NDF : 11.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.235+/-0.380 χ^2/NDF : 12.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

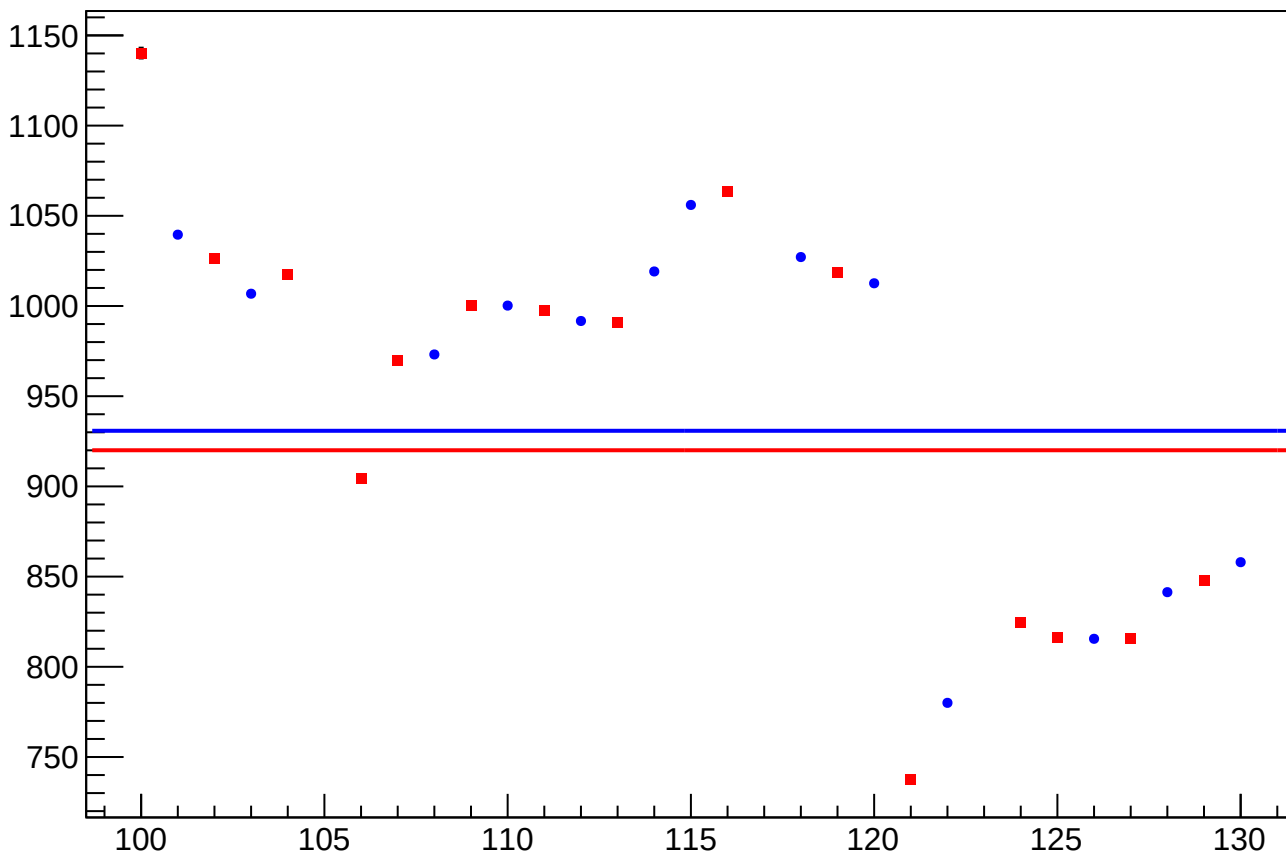
Right: 0.415+/-0.275 χ^2/NDF : 29.8/27

In: 1.127+/-0.397 χ^2/NDF : 11.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.415+/-0.275 χ^2/NDF : 29.8/27

diff_bpm_4aY_4acY_dd_rms vs Slug, Sign Corrected



Right In: 930.830+/-0.281 χ^2/NDF : 116167.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 920.037+/-0.268 χ^2/NDF : 157956.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

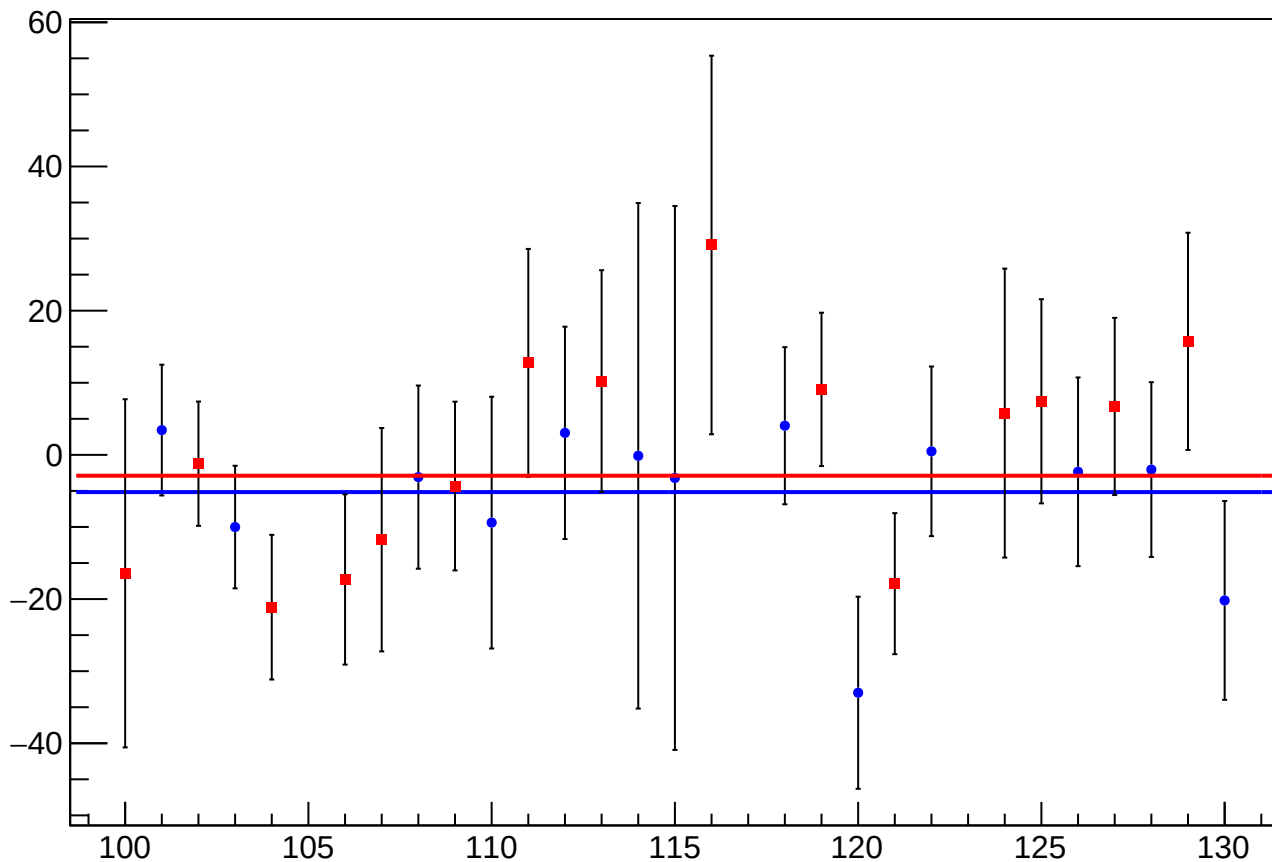
Right: 925.187+/-0.194 χ^2/NDF : 274894.5/27

In: 930.830+/-0.281 χ^2/NDF : 116167.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 925.187+/-0.194 χ^2/NDF : 274894.5/27

diff_bpm_4aY_4eY_avg_mean vs Slug, Sign Corrected



Right In: -5.161+/-3.518 χ^2/NDF : 8.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.890+/-3.311 χ^2/NDF : 15.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

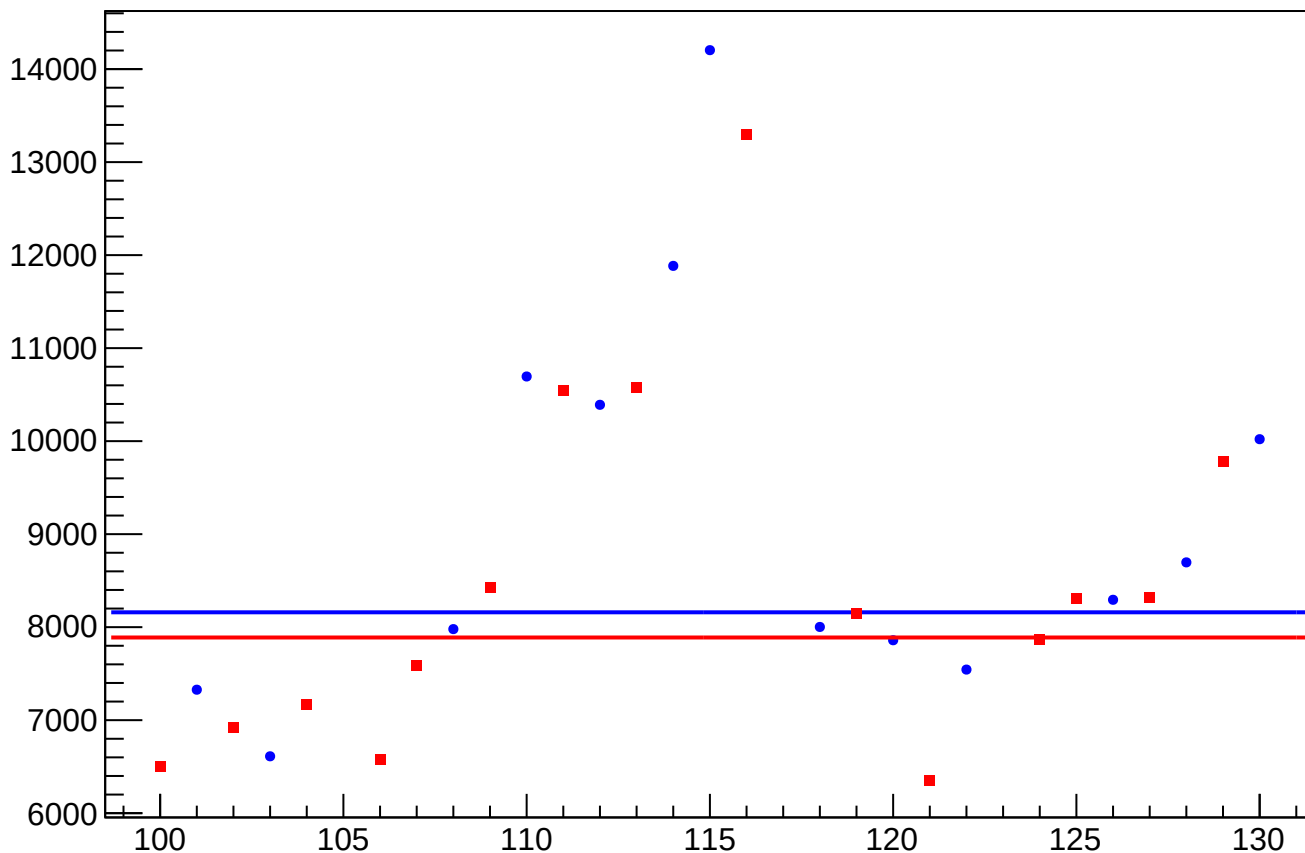
Right: -3.957+/-2.411 χ^2/NDF : 23.6/27

In: -5.161+/-3.518 χ^2/NDF : 8.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.957+/-2.411 χ^2/NDF : 23.6/27

diff_bpm_4aY_4eY_avg_rms vs Slug, Sign Corrected



Right In: 8159.657+/-2.488 χ^2/NDF : 293084.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7888.857+/-2.341 χ^2/NDF : 360062.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

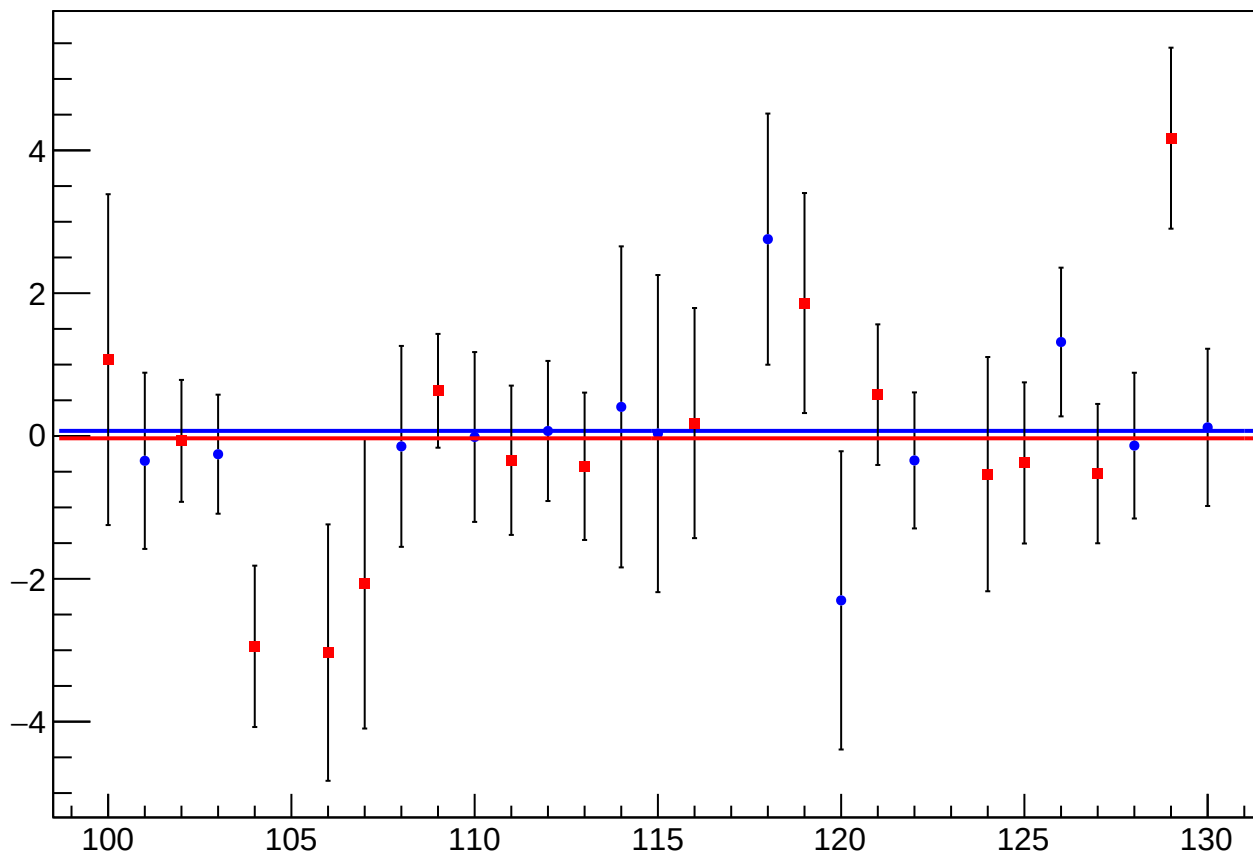
Right: 8016.041+/-1.705 χ^2/NDF : 659431.0/27

In: 8159.657+/-2.488 χ^2/NDF : 293084.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8016.041+/-1.705 χ^2/NDF : 659431.0/27

diff_bpm_4aY_4eY_dd_mean vs Slug, Sign Corrected



Right In: 0.072 $\pm$ 0.331 χ^2 /NDF: 5.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.032 $\pm$ 0.302 χ^2 /NDF: 25.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

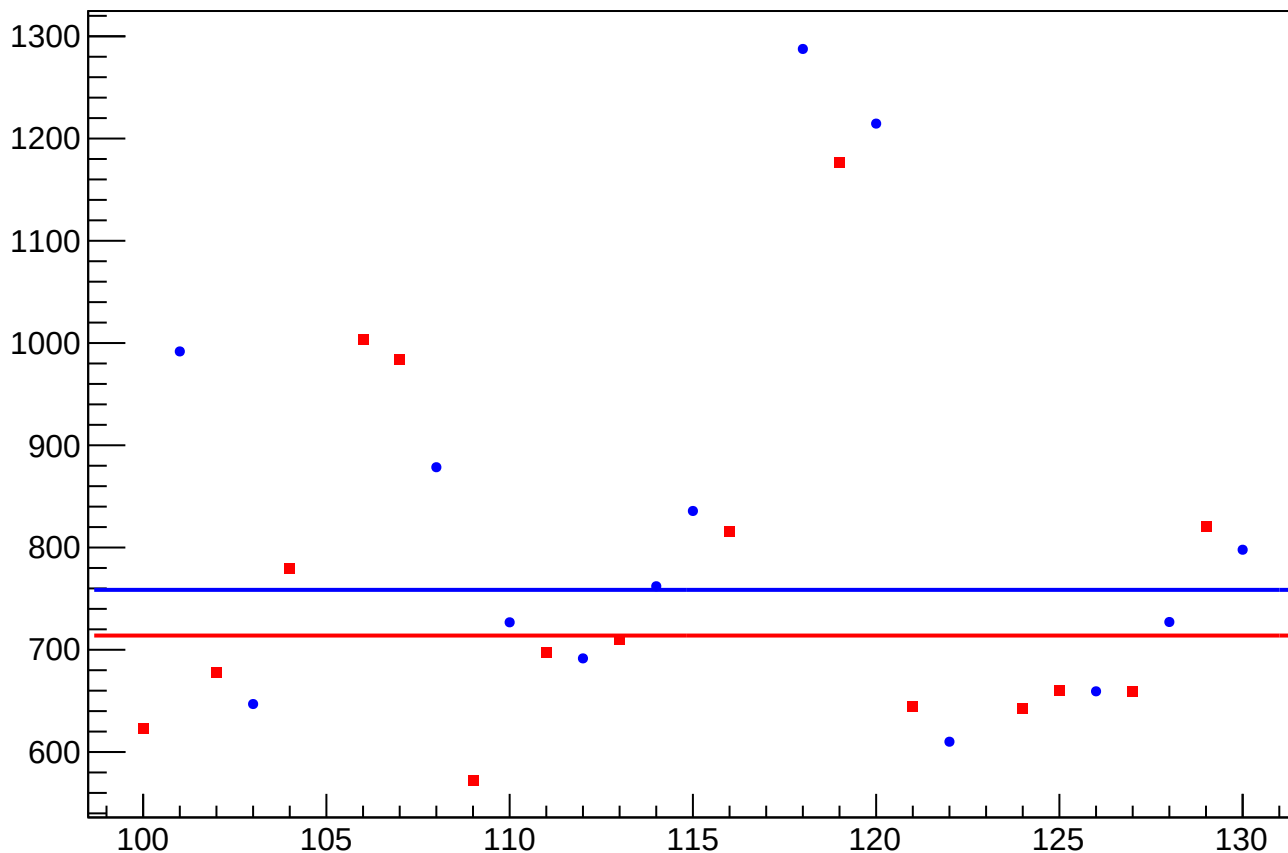
Right: 0.015 $\pm$ 0.223 χ^2 /NDF: 30.6/27

In: 0.072 $\pm$ 0.331 χ^2 /NDF:5.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.015 $\pm$ 0.223 χ^2 /NDF: 30.6/27

diff_bpm_4aY_4eY_dd_rms vs Slug, Sign Corrected



Right In: 758.588+/-0.234 χ^2/NDF : 482682.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 713.910+/-0.213 χ^2/NDF : 390972.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

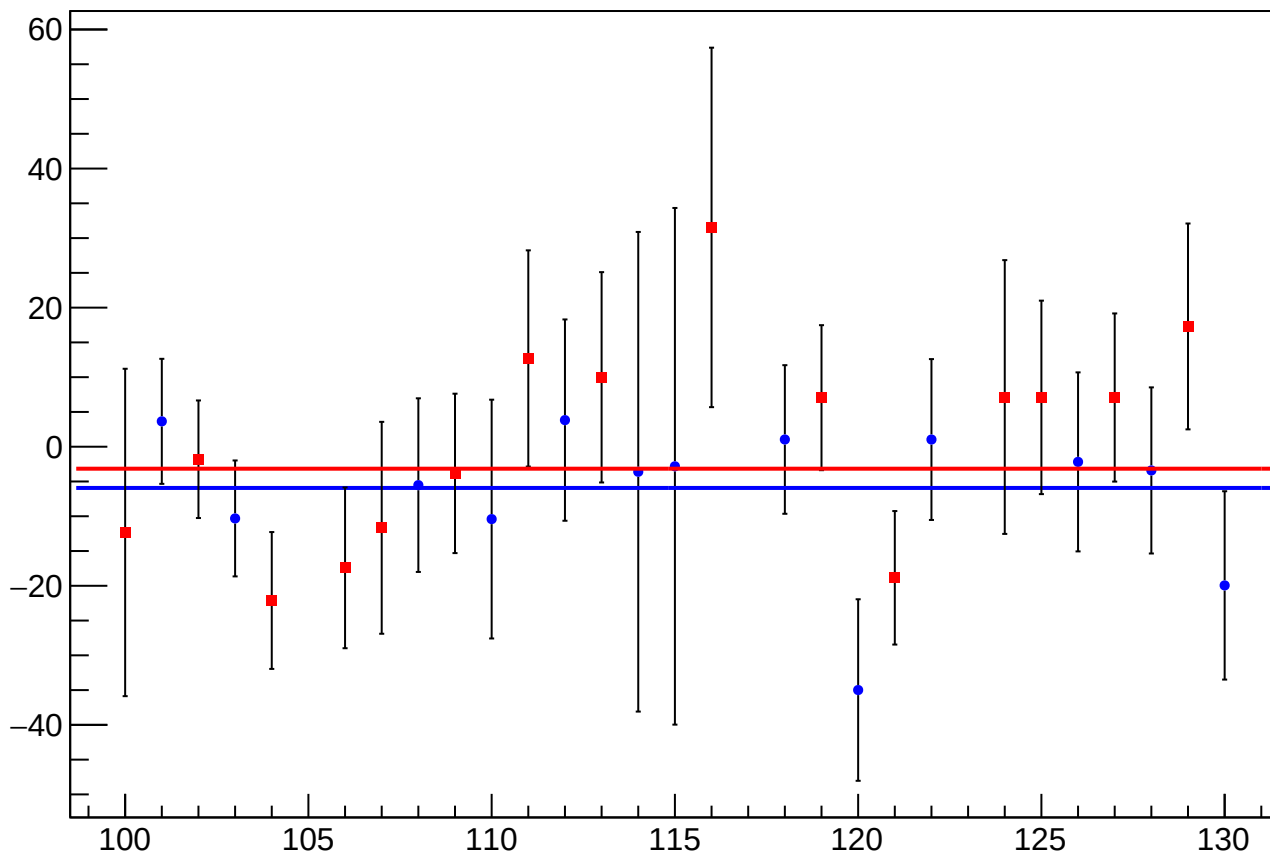
Right: 734.159+/-0.158 χ^2/NDF : 893544.6/27

In: 758.588+/-0.234 χ^2/NDF :482682.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 734.159+/-0.158 χ^2/NDF : 893544.6/27

diff_bpm_4aY_4ecY_avg_mean vs Slug, Sign Corrected



Right In: -5.929+/-3.460 χ^2/NDF : 8.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.161+/-3.249 χ^2/NDF : 16.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

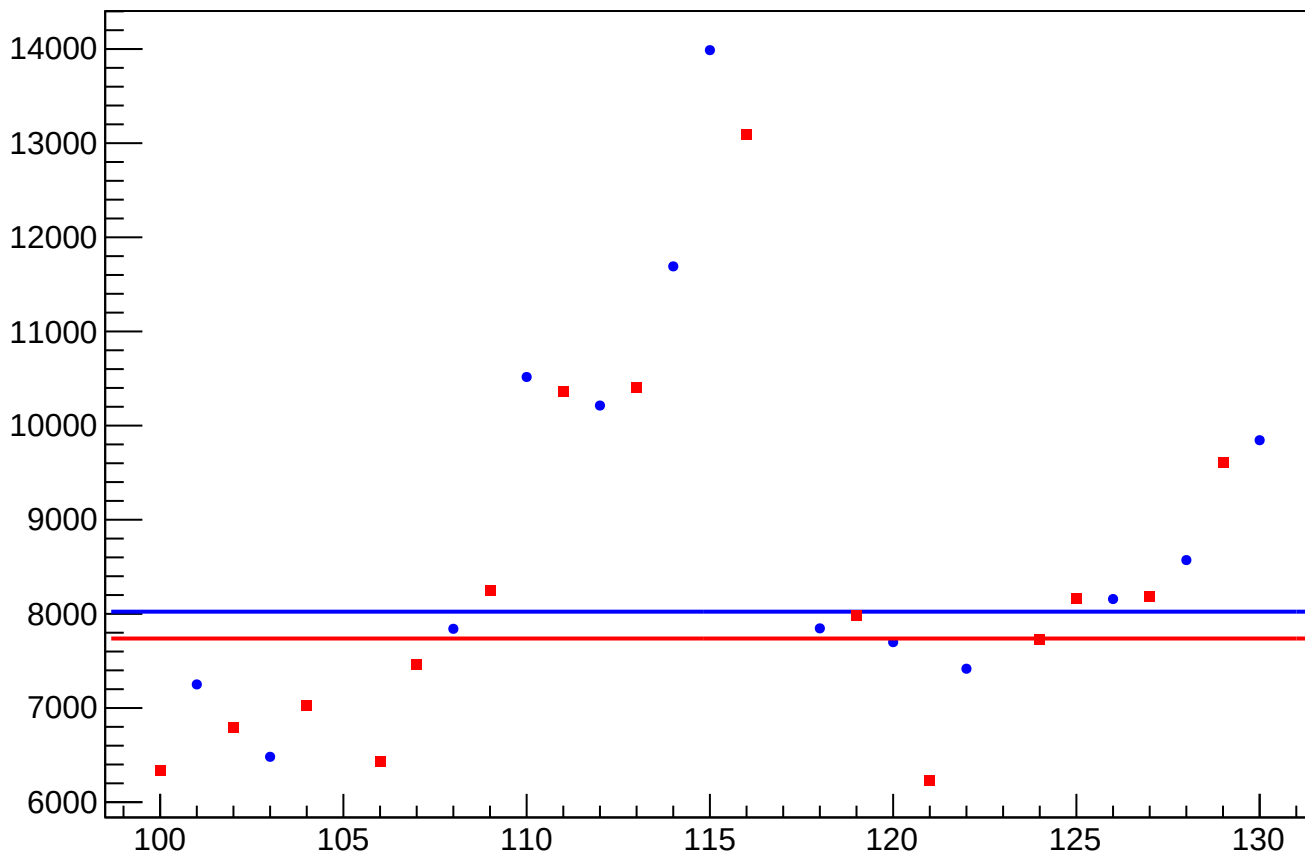
Right: -4.458+/-2.369 χ^2/NDF : 25.6/27

In: -5.929+/-3.460 χ^2/NDF : 8.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.458+/-2.369 χ^2/NDF : 25.6/27

diff_bpm_4aY_4ecY_avg_rms vs Slug, Sign Corrected



Right In: 8023.411+/-2.447 χ^2/NDF : 293592.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7738.342+/-2.297 χ^2/NDF : 364101.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

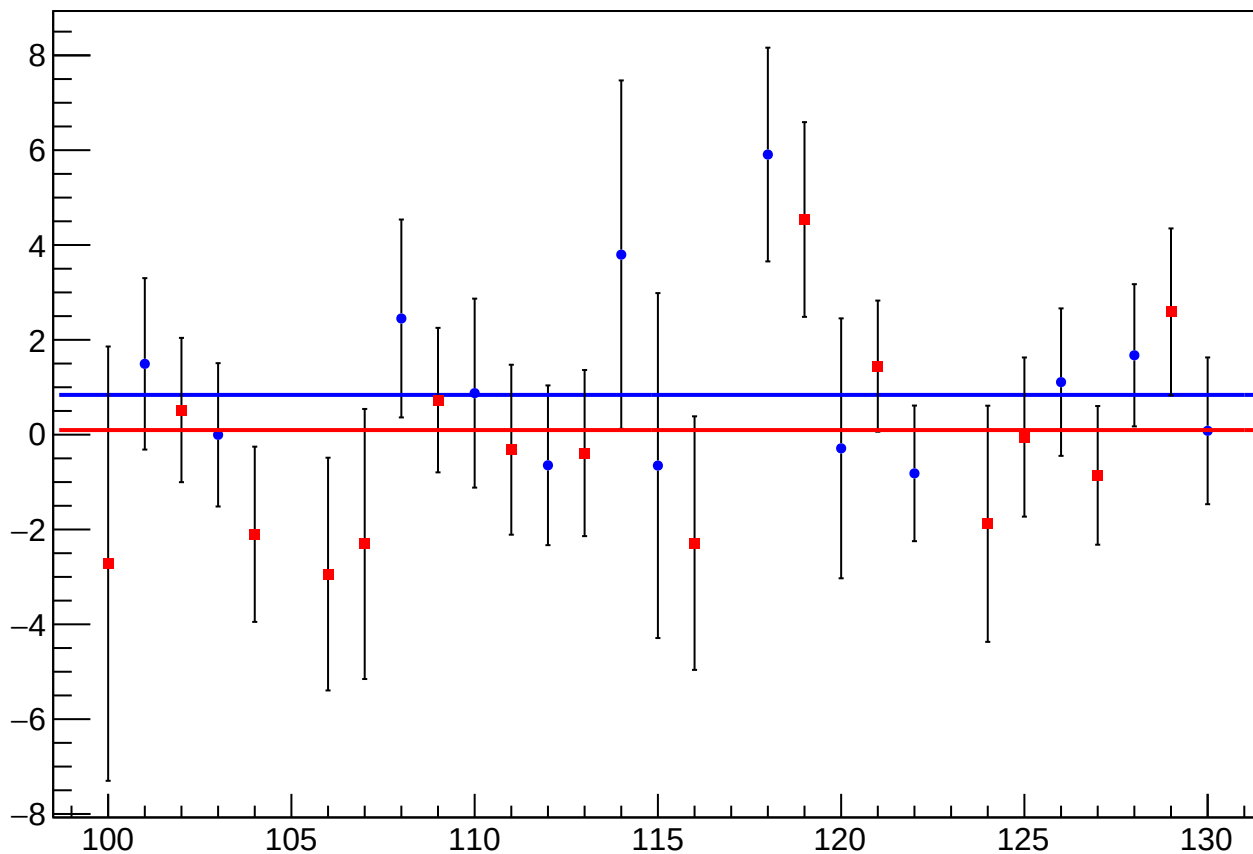
Right: 7871.900+/-1.675 χ^2/NDF : 664908.4/27

In: 8023.411+/-2.447 χ^2/NDF : 293592.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7871.900+/-1.675 χ^2/NDF : 664908.4/27

diff_bpm_4aY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 0.839 $\pm$ 0.512 χ^2/NDF : 9.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.097 $\pm$ 0.480 χ^2/NDF : 13.9/14

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

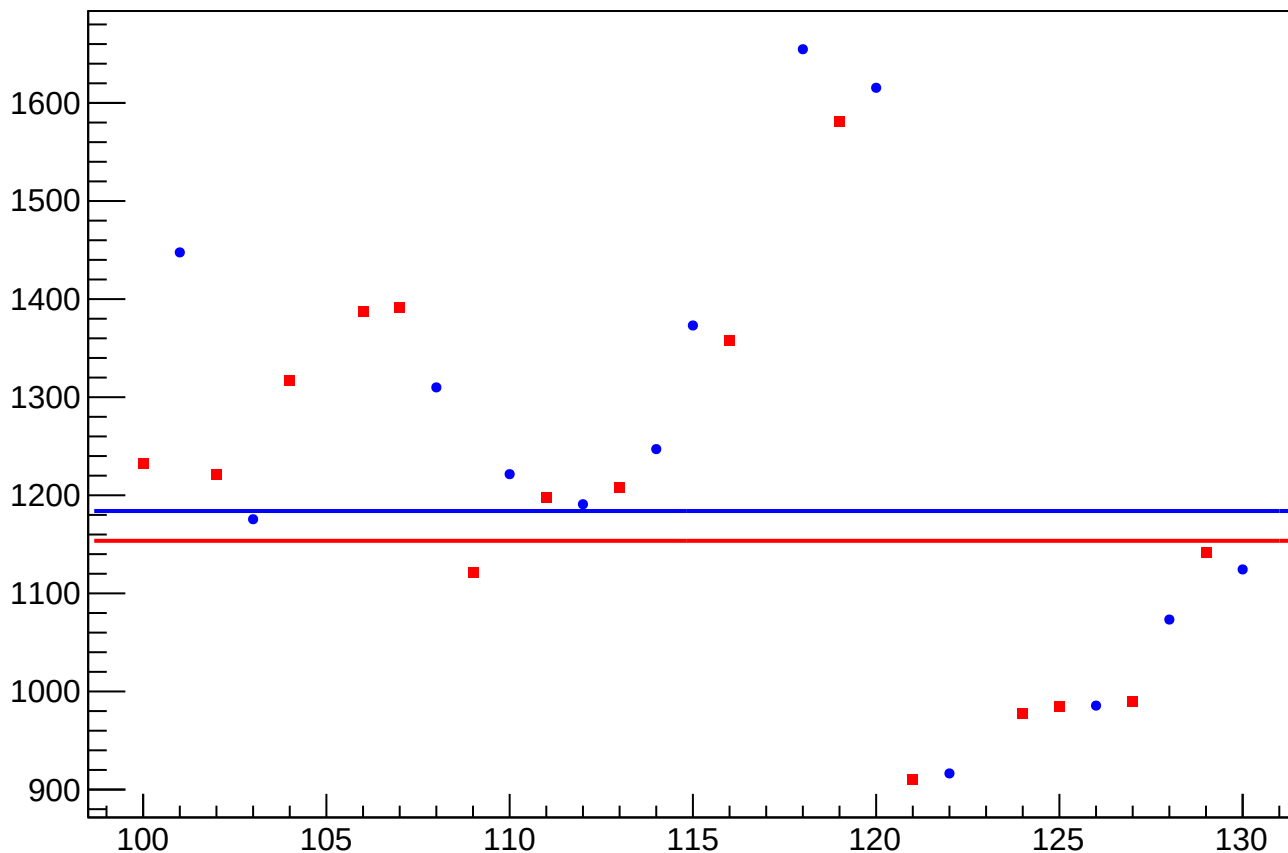
Right: 0.444 $\pm$ 0.350 χ^2/NDF : 24.8/27

In: 0.839 $\pm$ 0.512 χ^2/NDF : 9.8/12

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.444 $\pm$ 0.350 χ^2/NDF : 24.8/27

diff_bpm_4aY_4ecY_dd_rms vs Slug, Sign Corrected



Right In: 1183.968+/-0.362 χ^2/NDF : 309812.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1153.586+/-0.340 χ^2/NDF : 272438.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

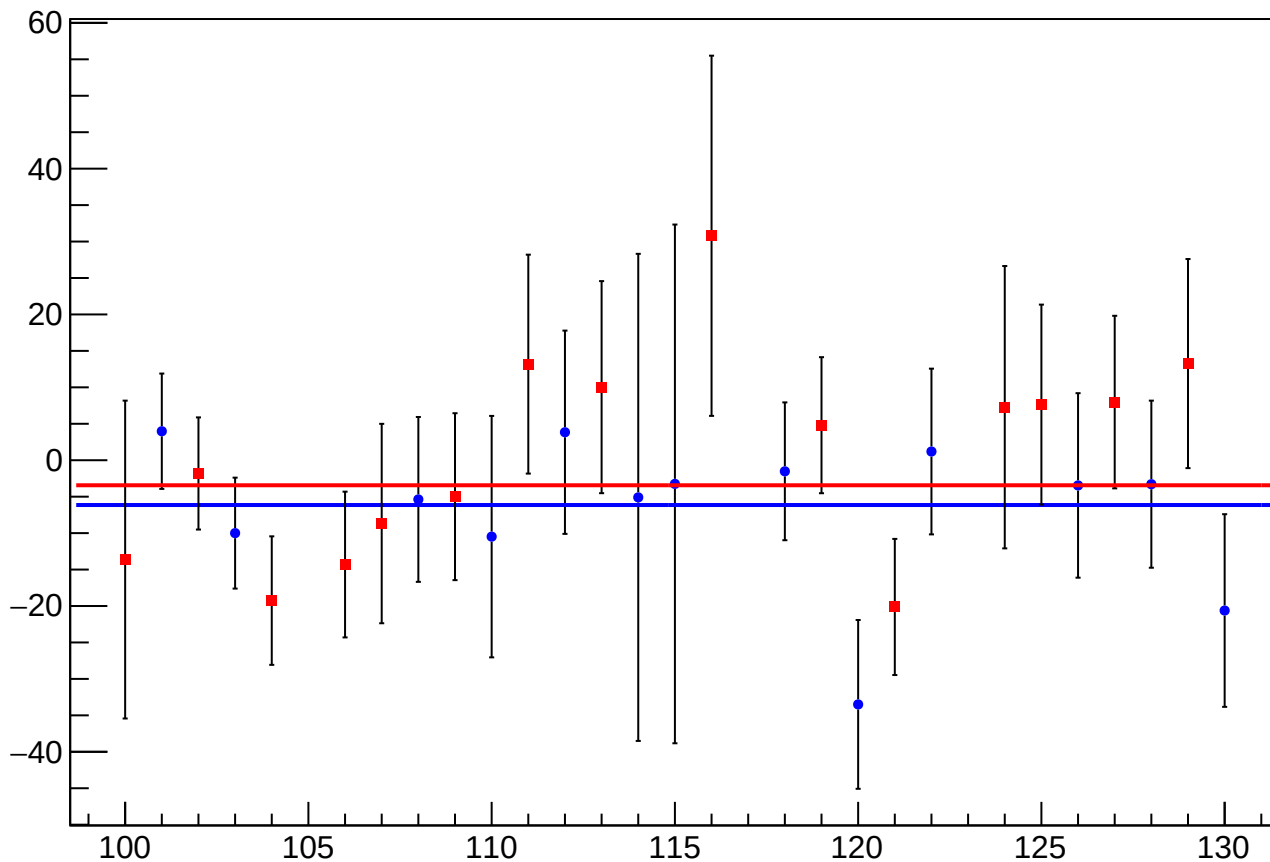
Right: 1167.819+/-0.248 χ^2/NDF : 586000.8/27

In: 1183.968+/-0.362 χ^2/NDF : 309812.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1167.819+/-0.248 χ^2/NDF : 586000.8/27

diff_bpm_4eY_4ecY_avg_mean vs Slug, Sign Corrected



Right In: -6.145 $\pm$ 3.203 χ^2 /NDF: 10.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.435 $\pm$ 3.035 χ^2 /NDF: 16.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

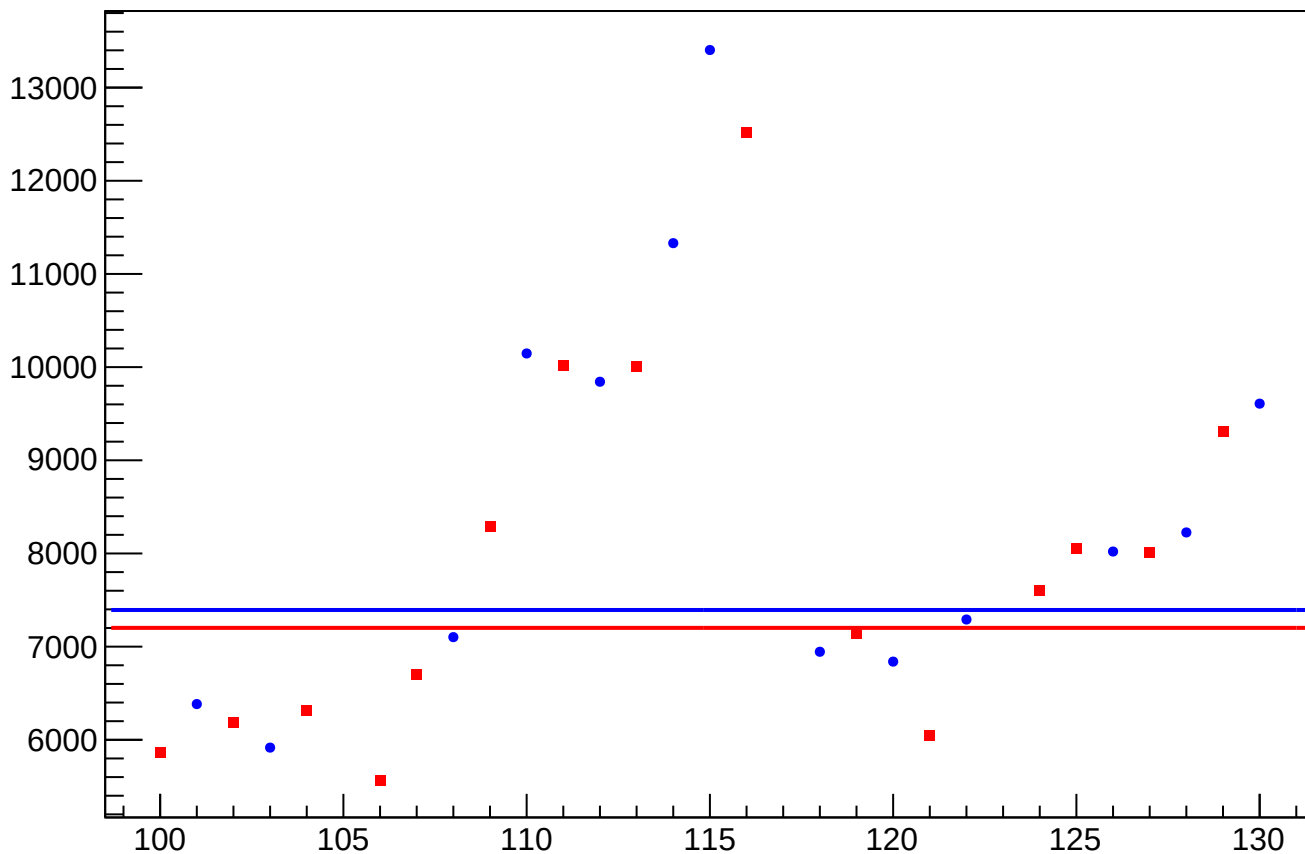
Right: -4.718 $\pm$ 2.203 χ^2 /NDF: 26.5/27

In: -6.145 $\pm$ 3.203 χ^2 /NDF:10.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.718 $\pm$ 2.203 χ^2 /NDF: 26.5/27

diff_bpm_4eY_4ecY_avg_rms vs Slug, Sign Corrected



Right In: 7393.432+/-2.265 χ^2/NDF : 391914.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7201.515+/-2.146 χ^2/NDF : 465897.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

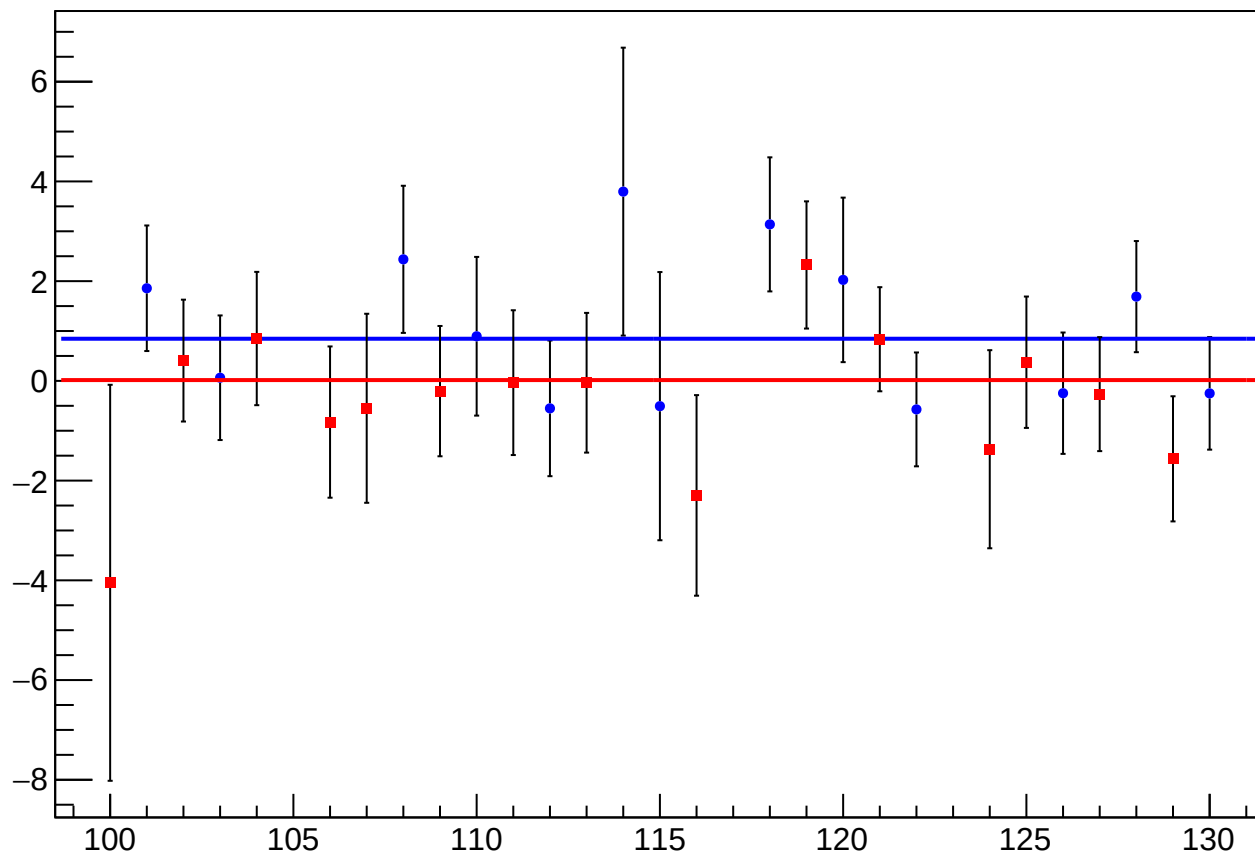
Right: 7292.316+/-1.558 χ^2/NDF : 861595.8/27

In: 7393.432+/-2.265 χ^2/NDF : 391914.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7292.316+/-1.558 χ^2/NDF : 861595.8/27

diff_bpm_4eY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 0.845 $\pm$ 0.381 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.016 $\pm$ 0.363 χ^2 /NDF: 9.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

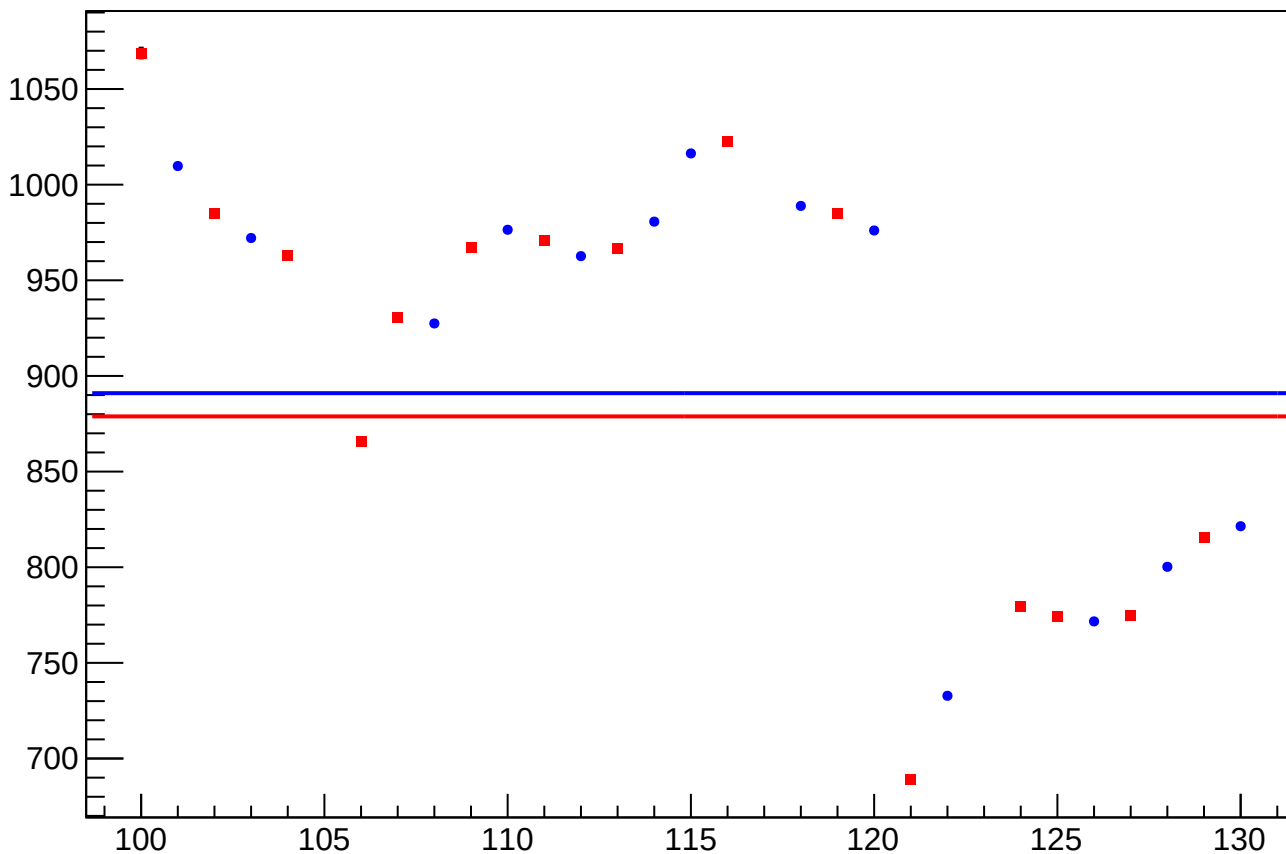
Right: 0.410 $\pm$ 0.263 χ^2 /NDF: 23.7/27

In: 0.845 $\pm$ 0.381 χ^2 /NDF:11.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.410 $\pm$ 0.263 χ^2 /NDF: 23.7/27

diff_bpm_4eY_4ecY_dd_rms vs Slug, Sign Corrected



Right In: 890.994 $\pm$ 0.270 χ^2 /NDF: 139427.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 878.857 $\pm$ 0.257 χ^2 /NDF: 183732.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

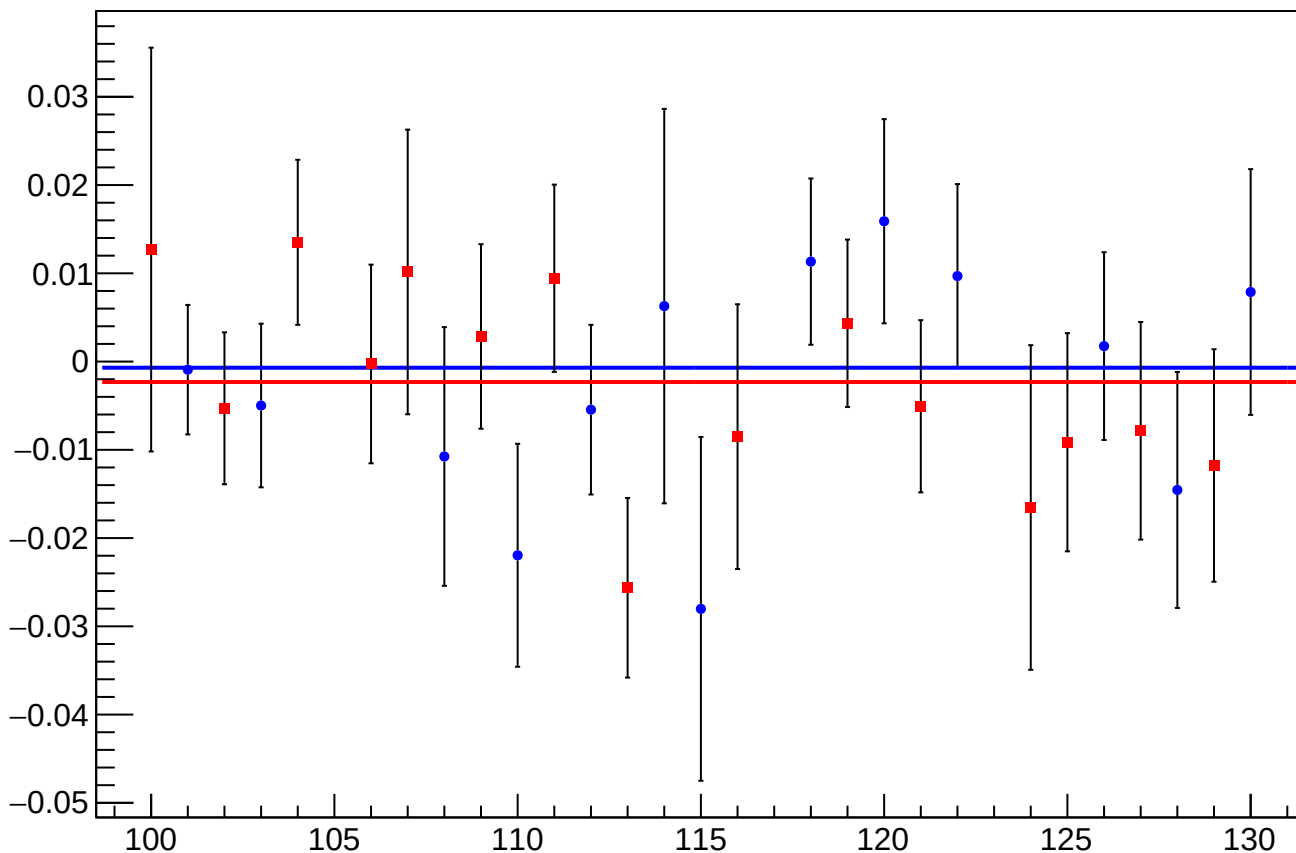
Right: 884.628 $\pm$ 0.186 χ^2 /NDF: 324222.5/27

In: 890.994 $\pm$ 0.270 χ^2 /NDF:139427.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 884.628 $\pm$ 0.186 χ^2 /NDF: 324222.5/27

diff_dispE_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.001 $\pm$ 0.003 χ^2 /NDF: 12.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.002 $\pm$ 0.003 χ^2 /NDF: 13.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

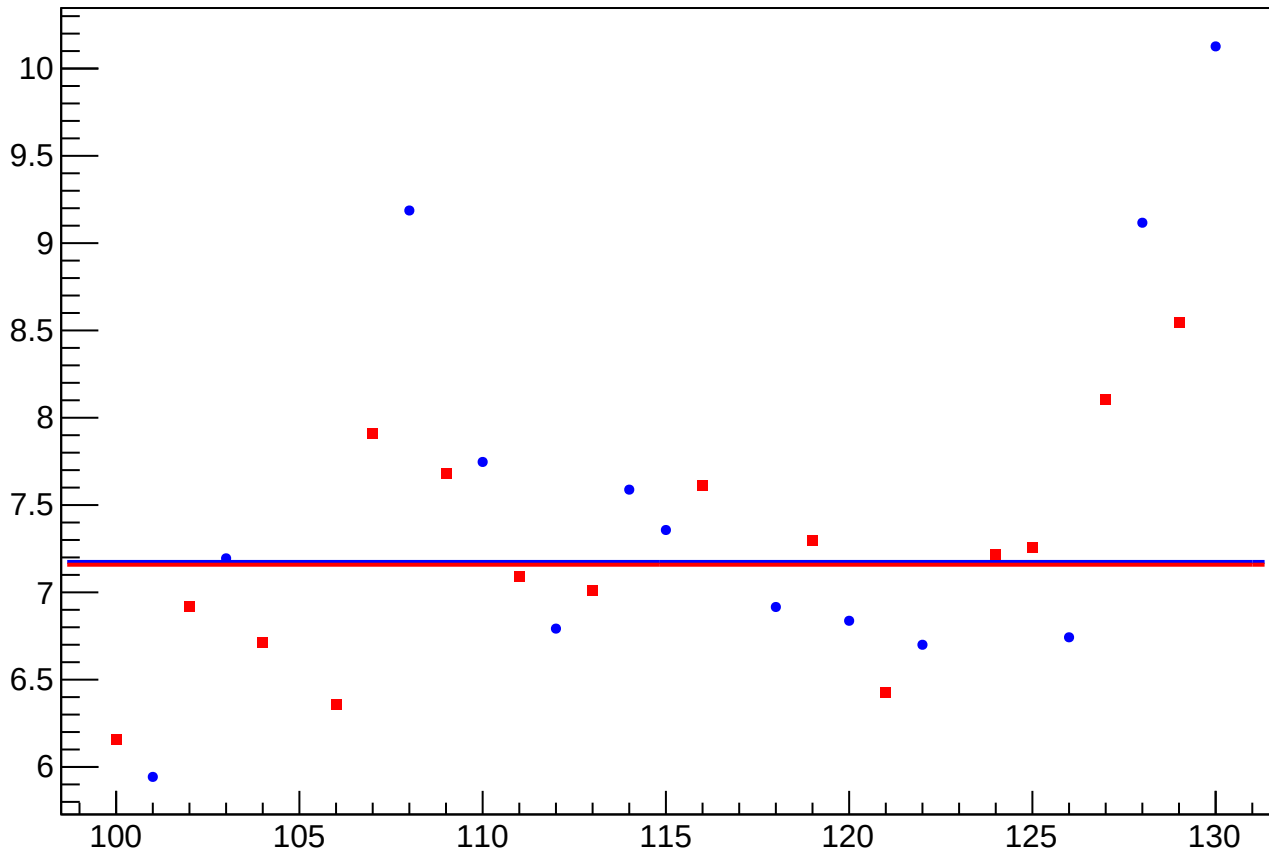
Right: -0.002 $\pm$ 0.002 χ^2 /NDF: 25.3/27

In: -0.001 $\pm$ 0.003 χ^2 /NDF:12.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.002 $\pm$ 0.002 χ^2 /NDF: 25.3/27

diff_dispE_bpm12X_rms vs Slug, Sign Corrected



Right In: 7.174+/-0.002 χ^2/NDF : 244970.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.158+/-0.002 χ^2/NDF : 77426.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

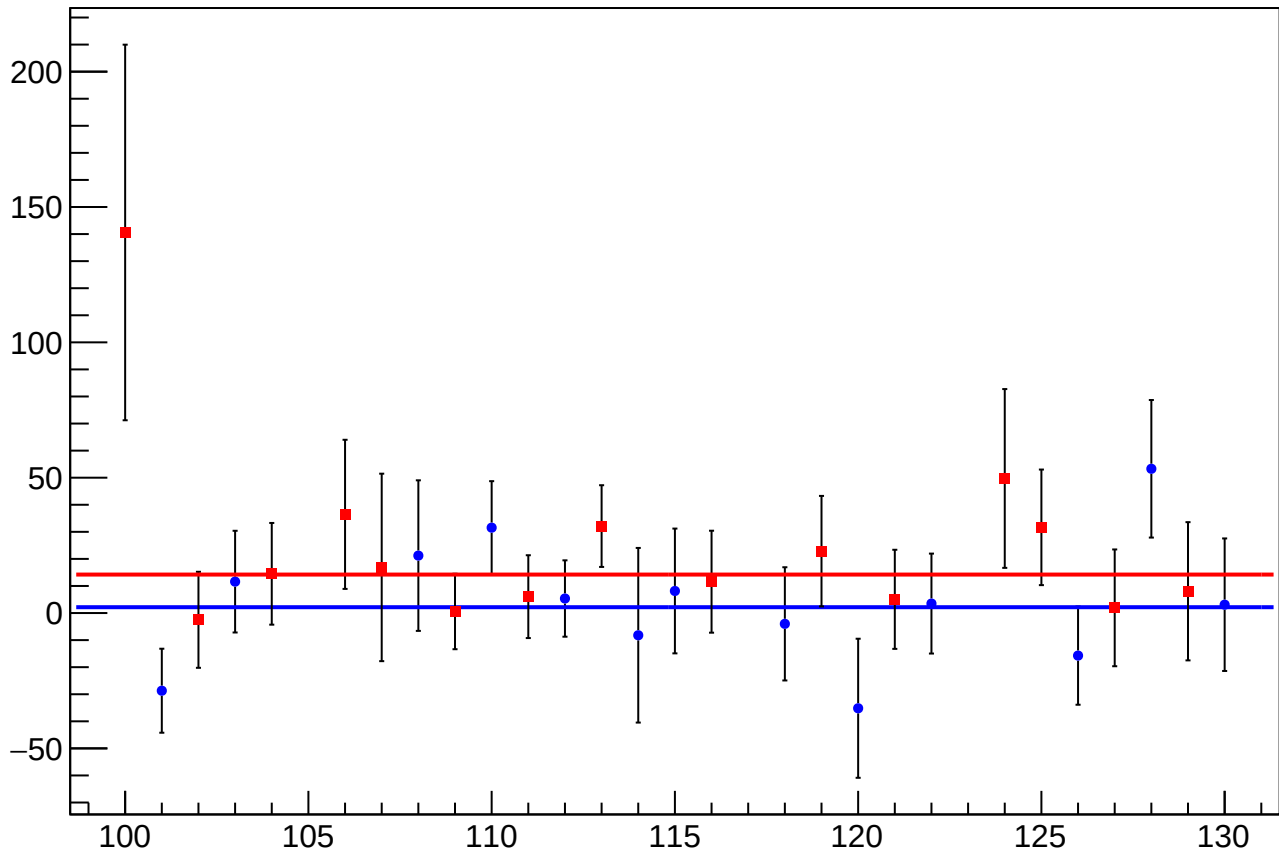
Right: 7.166+/-0.002 χ^2/NDF : 322424.5/27

In: 7.174+/-0.002 χ^2/NDF : 244970.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.166+/-0.002 χ^2/NDF : 322424.5/27

diff_targ_positionX_mean vs Slug, Sign Corrected



Right In: 2.157+/-5.545 χ^2/NDF : 15.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.213+/-5.186 χ^2/NDF : 10.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

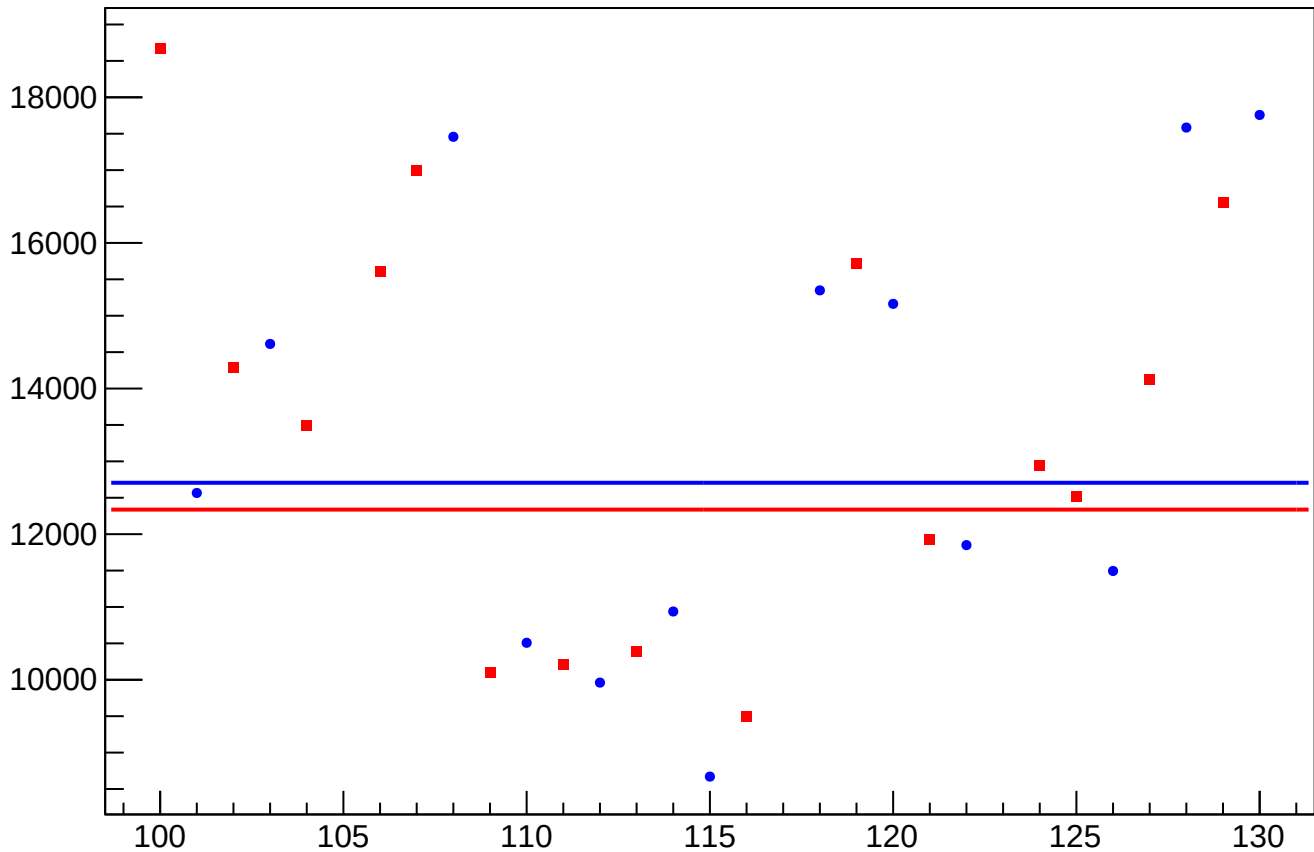
Right: 8.587+/-3.788 χ^2/NDF : 27.7/27

In: 2.157+/-5.545 χ^2/NDF : 15.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.587+/-3.788 χ^2/NDF : 27.7/27

diff_targ_positionX_rms vs Slug, Sign Corrected



Right In: 12705.827+/-3.921 χ^2/NDF : 477272.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12337.423+/-3.667 χ^2/NDF : 406212.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

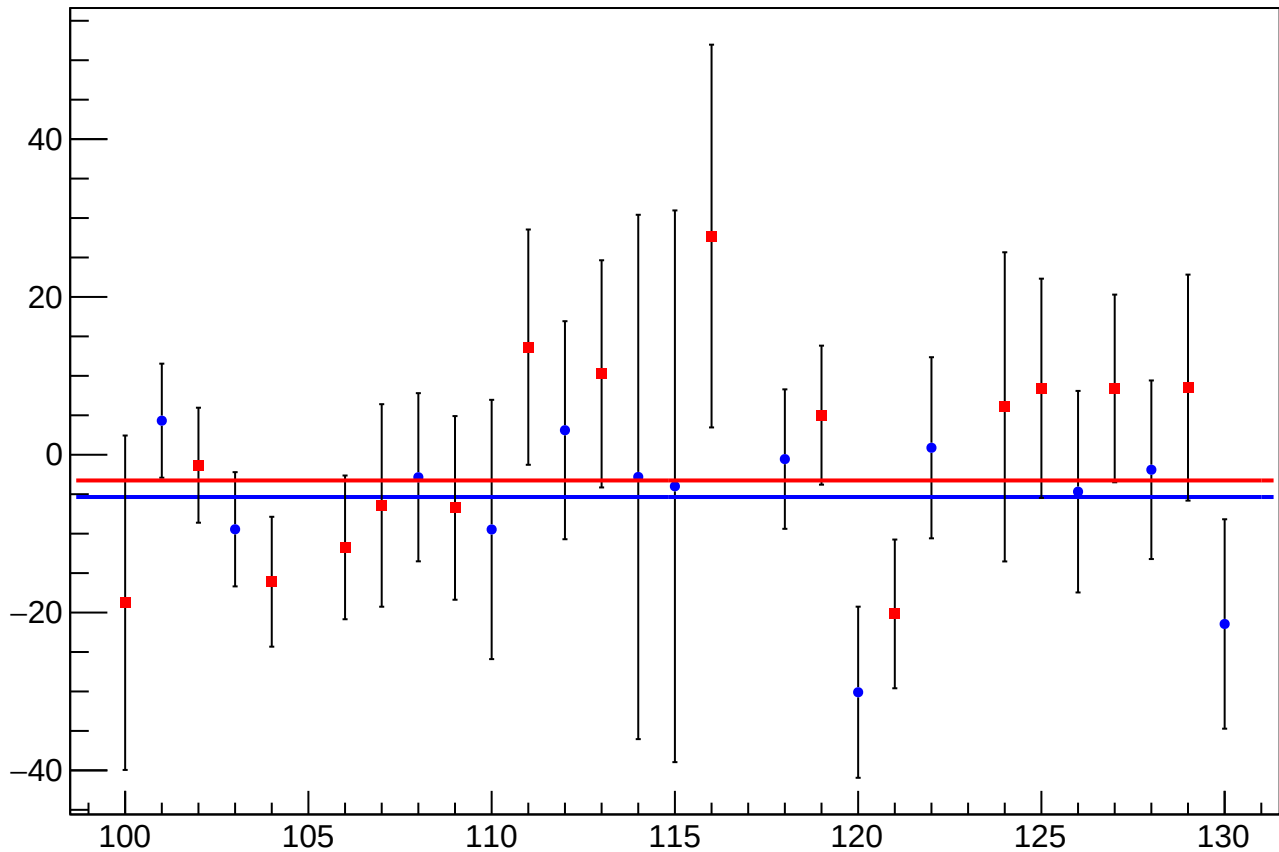
Right: 12509.326+/-2.678 χ^2/NDF : 888193.4/27

In: 12705.827+/-3.921 χ^2/NDF : 477272.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12509.326+/-2.678 χ^2/NDF : 888193.4/27

diff_targ_positionY_mean vs Slug, Sign Corrected



Right In: -5.356+/-3.068 χ^2/NDF : 10.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.258+/-2.933 χ^2/NDF : 14.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

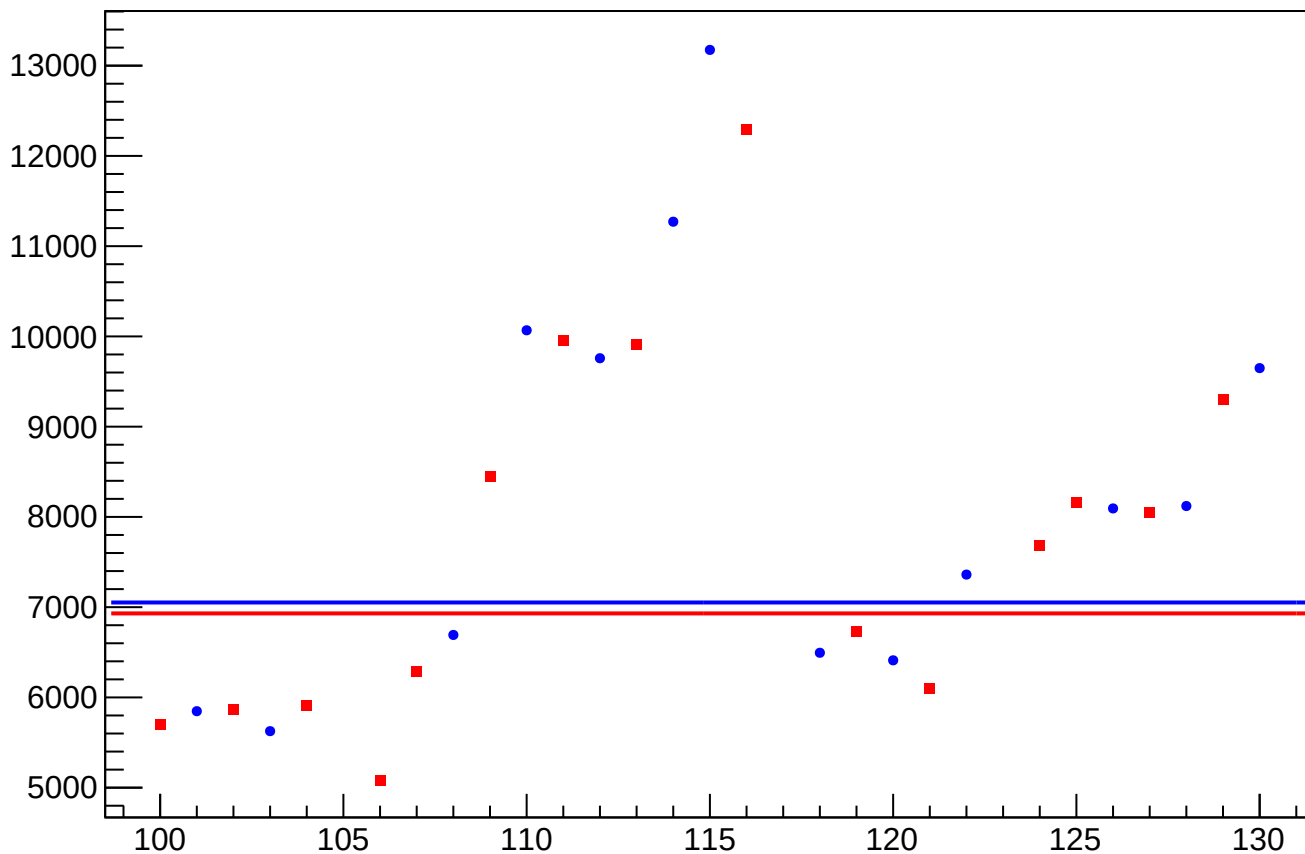
Right: -4.260+/-2.120 χ^2/NDF : 24.7/27

In: -5.356+/-3.068 χ^2/NDF : 10.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.260+/-2.120 χ^2/NDF : 24.7/27

diff_targ_positionY_rms vs Slug, Sign Corrected



Right In: 7051.884+/-2.170 χ^2/NDF : 497227.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 6930.902+/-2.074 χ^2/NDF : 574819.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

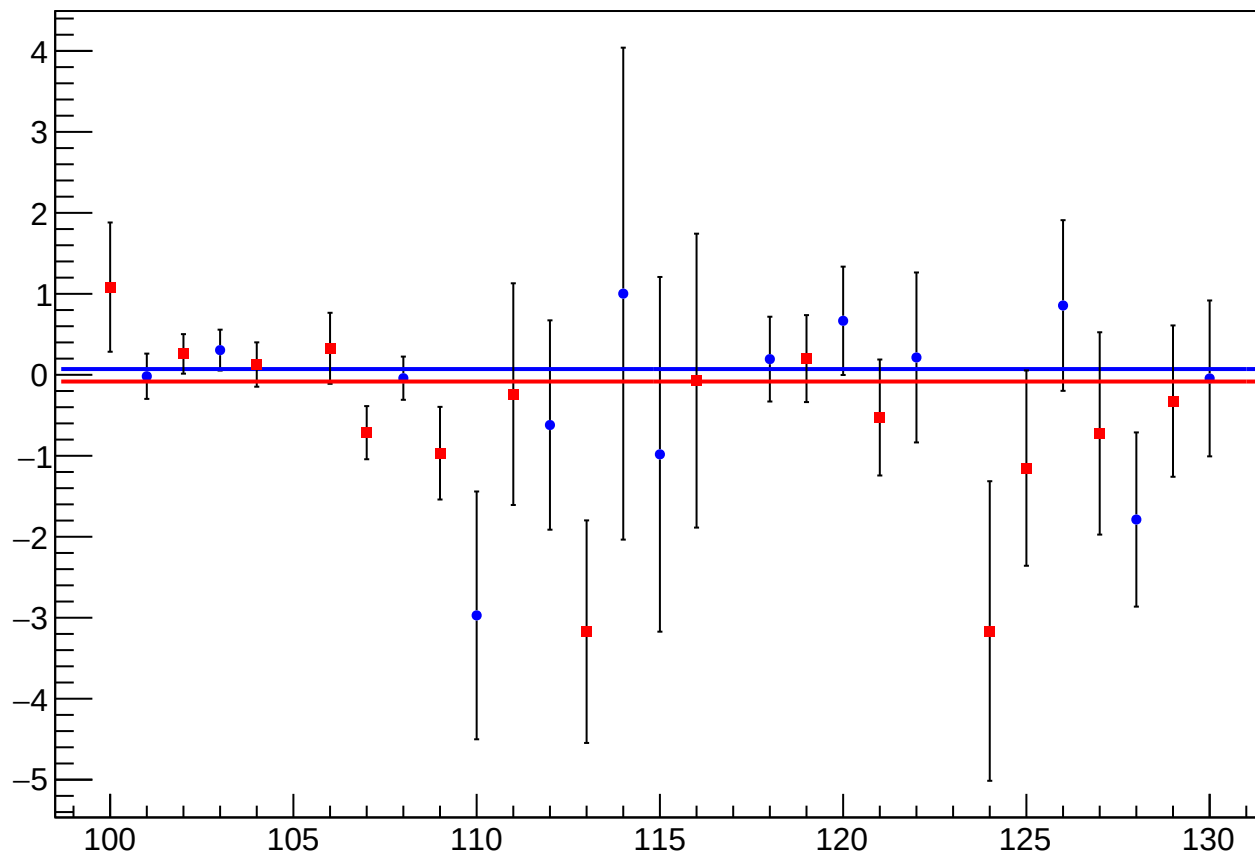
Right: 6988.670+/-1.499 χ^2/NDF : 1073670.9/27

In: 7051.884+/-2.170 χ^2/NDF :497227.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6988.670+/-1.499 χ^2/NDF : 1073670.9/27

diff_targ_thetaX_mean vs Slug, Sign Corrected



Right In: 0.071 $\pm$ 0.137 χ^2/NDF : 10.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.083 $\pm$ 0.130 χ^2/NDF : 21.3/14

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

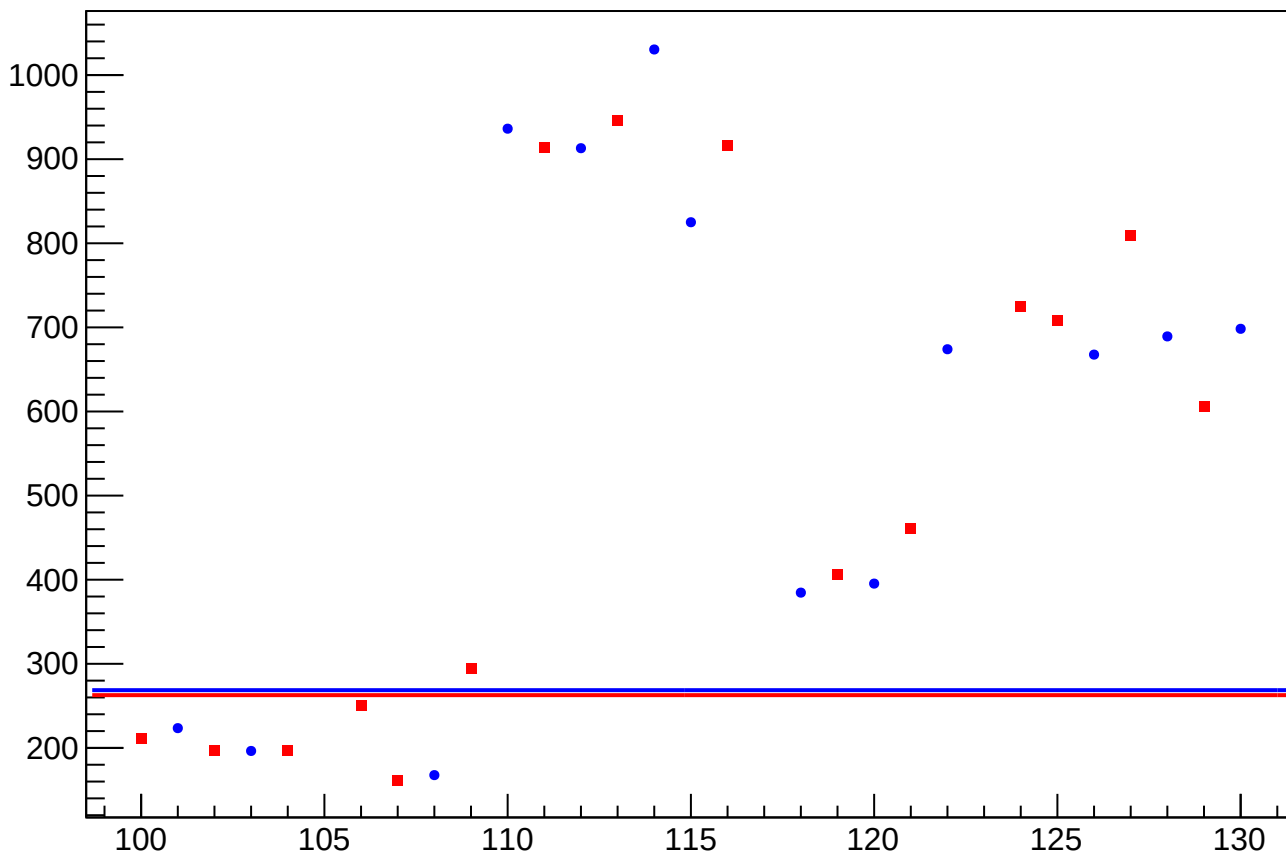
Right: -0.010 $\pm$ 0.094 χ^2/NDF : 32.1/27

In: 0.071 $\pm$ 0.137 χ^2/NDF : 10.1/12

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.010 $\pm$ 0.094 χ^2/NDF : 32.1/27

diff_targ_thetaX_rms vs Slug, Sign Corrected



Right In: 268.654+/-0.097 χ^2/NDF : 3094232.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 262.734+/-0.092 χ^2/NDF : 3024439.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

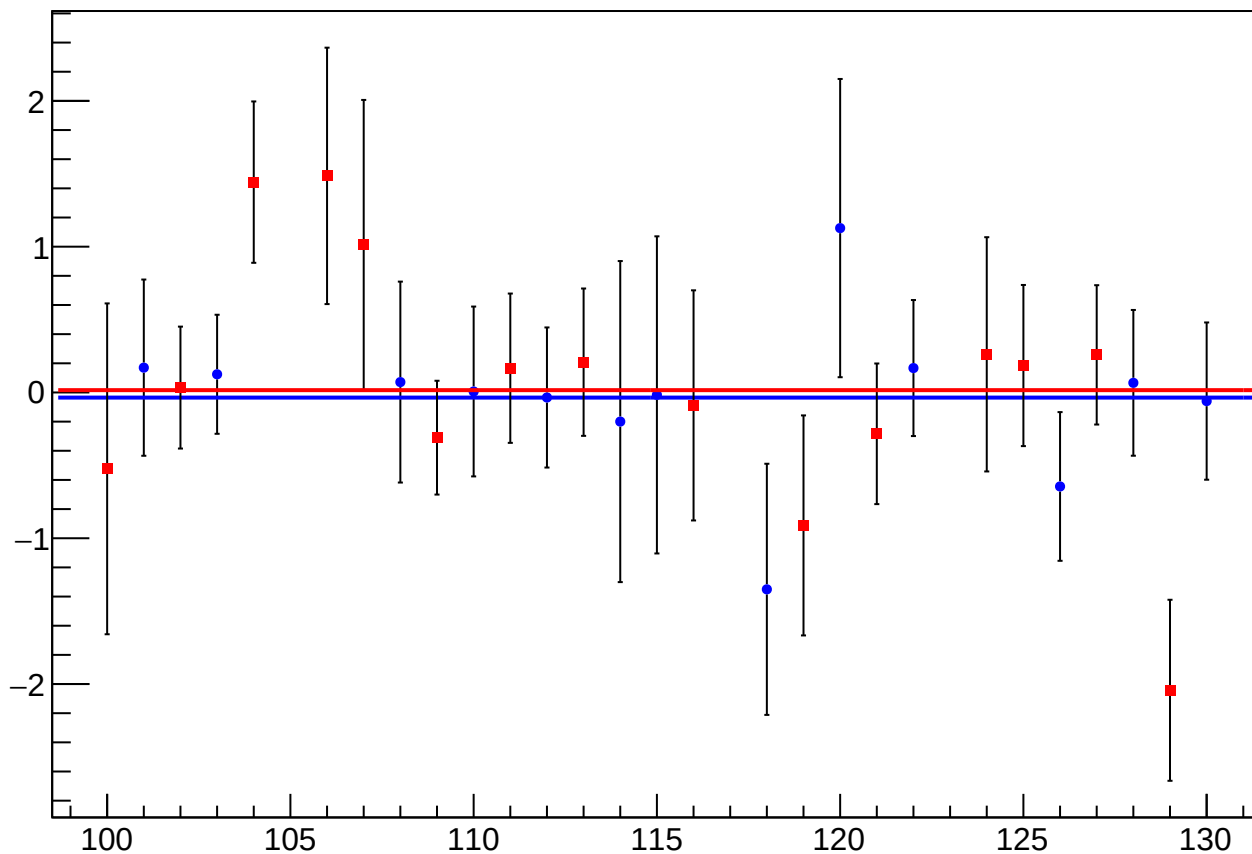
Right: 265.555+/-0.067 χ^2/NDF : 6120635.7/27

In: 268.654+/-0.097 χ^2/NDF :3094232.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 265.555+/-0.067 χ^2/NDF : 6120635.7/27

diff_targ_thetaY_mean vs Slug, Sign Corrected



Right In: -0.035+/-0.162 χ^2/NDF : 5.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.016+/-0.148 χ^2/NDF : 25.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

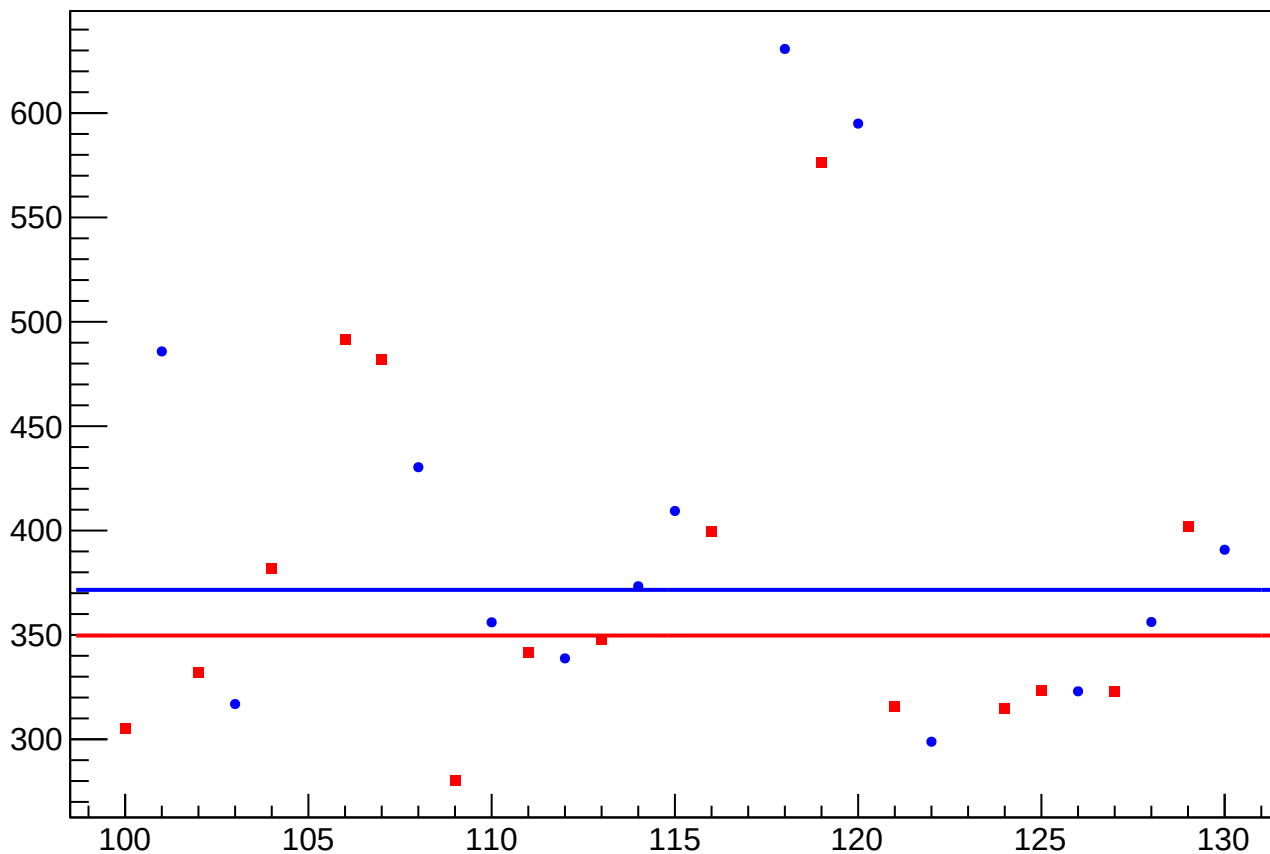
Right: -0.007+/-0.109 χ^2/NDF : 30.6/27

In: -0.035+/-0.162 χ^2/NDF :5.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.007+/-0.109 χ^2/NDF : 30.6/27

diff_targ_thetaY_rms vs Slug, Sign Corrected



Right In: 371.584+/-0.115 χ^2/NDF : 482682.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 349.699+/-0.104 χ^2/NDF : 390972.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

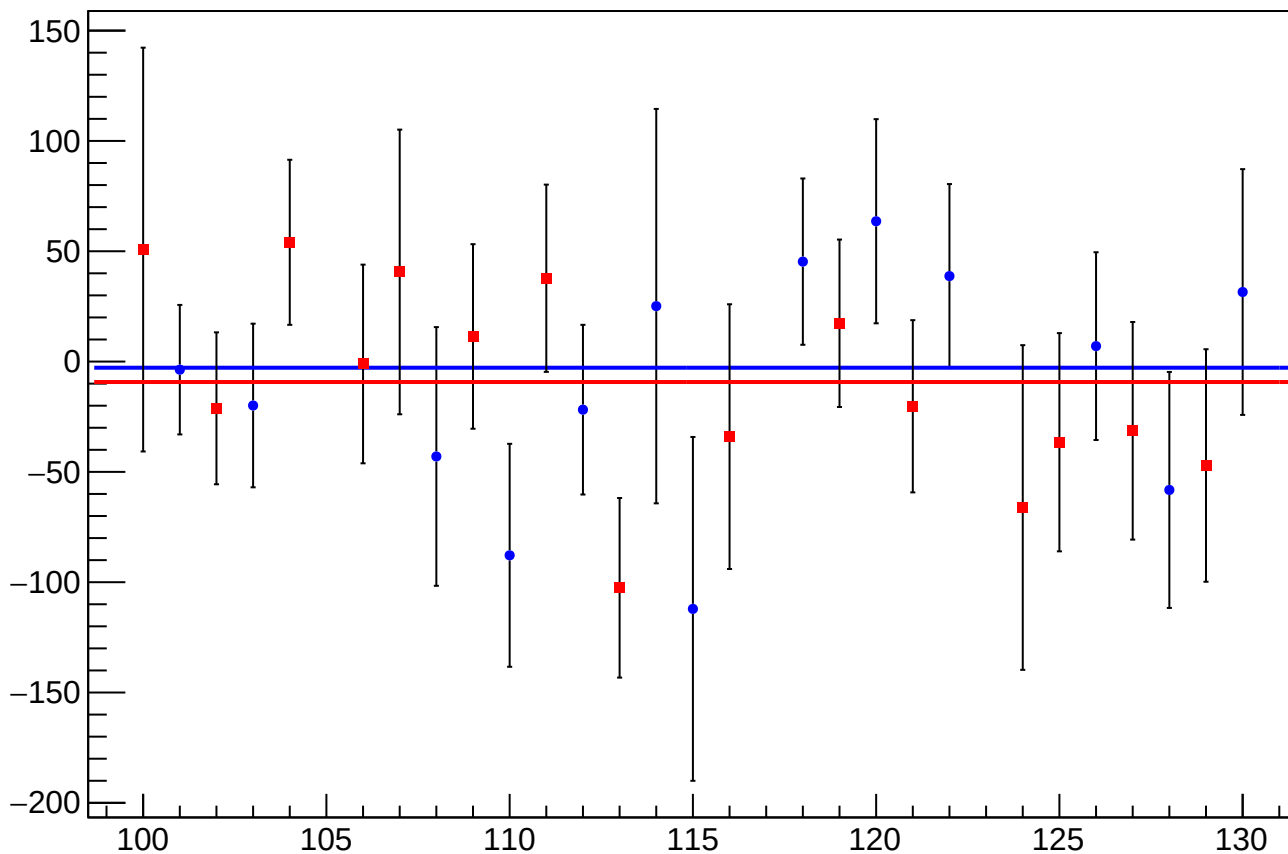
Right: 359.617+/-0.077 χ^2/NDF : 893544.6/27

In: 371.584+/-0.115 χ^2/NDF : 482682.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 359.617+/-0.077 χ^2/NDF : 893544.6/27

diff_bpmE_mean vs Slug, Sign Corrected



Right In: -2.785 ± 12.396 $\chi^2/\text{NDF}: 12.0/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -9.267 ± 11.838 $\chi^2/\text{NDF}: 13.1/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

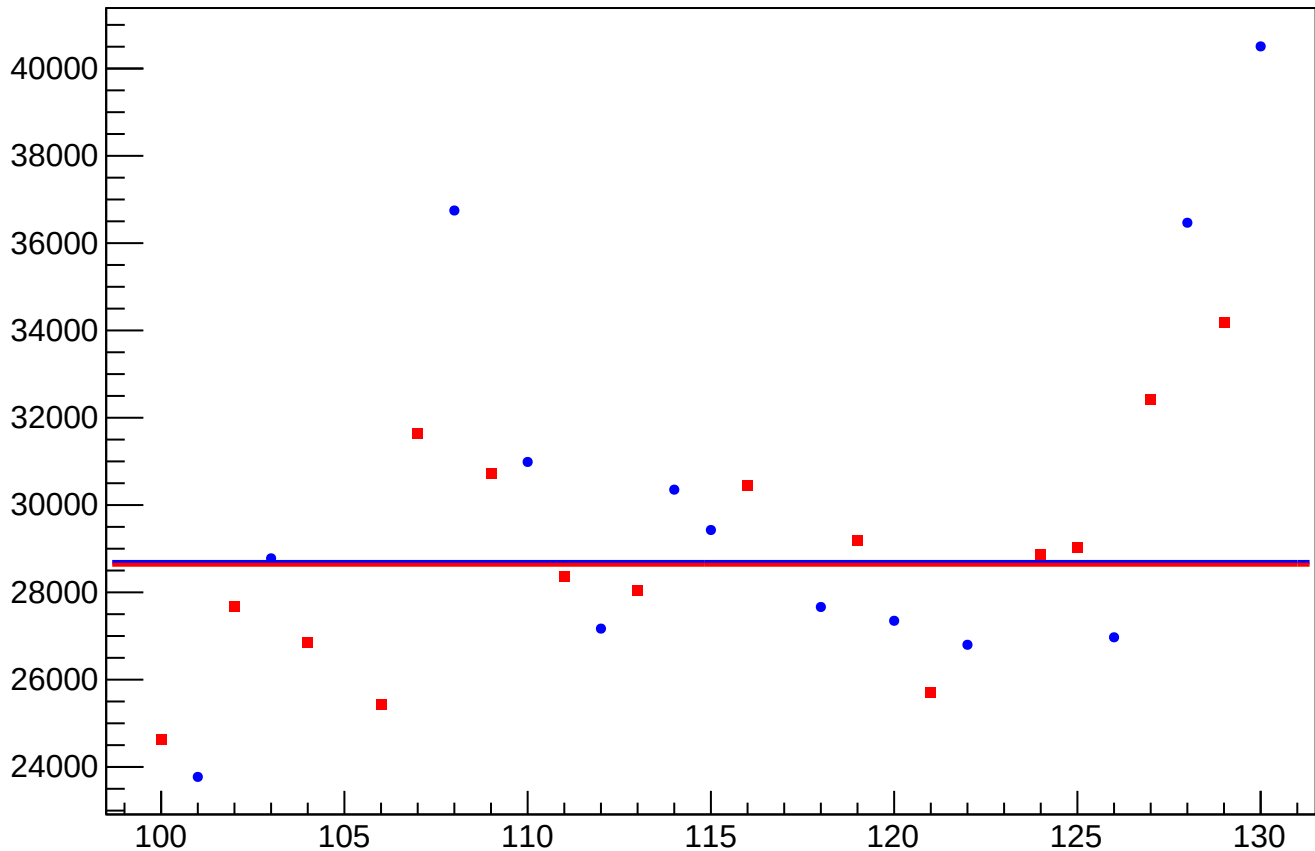
Right: -6.175 ± 8.561 $\chi^2/\text{NDF}: 25.3/27$

In: -2.785 ± 12.396 $\chi^2/\text{NDF}: 12.0/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -6.175 ± 8.561 $\chi^2/\text{NDF}: 25.3/27$

diff_bpmE_rms vs Slug, Sign Corrected



Right In: 28696.795+/-8.765 χ^2/NDF : 244970.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28633.199+/-8.371 χ^2/NDF : 77426.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

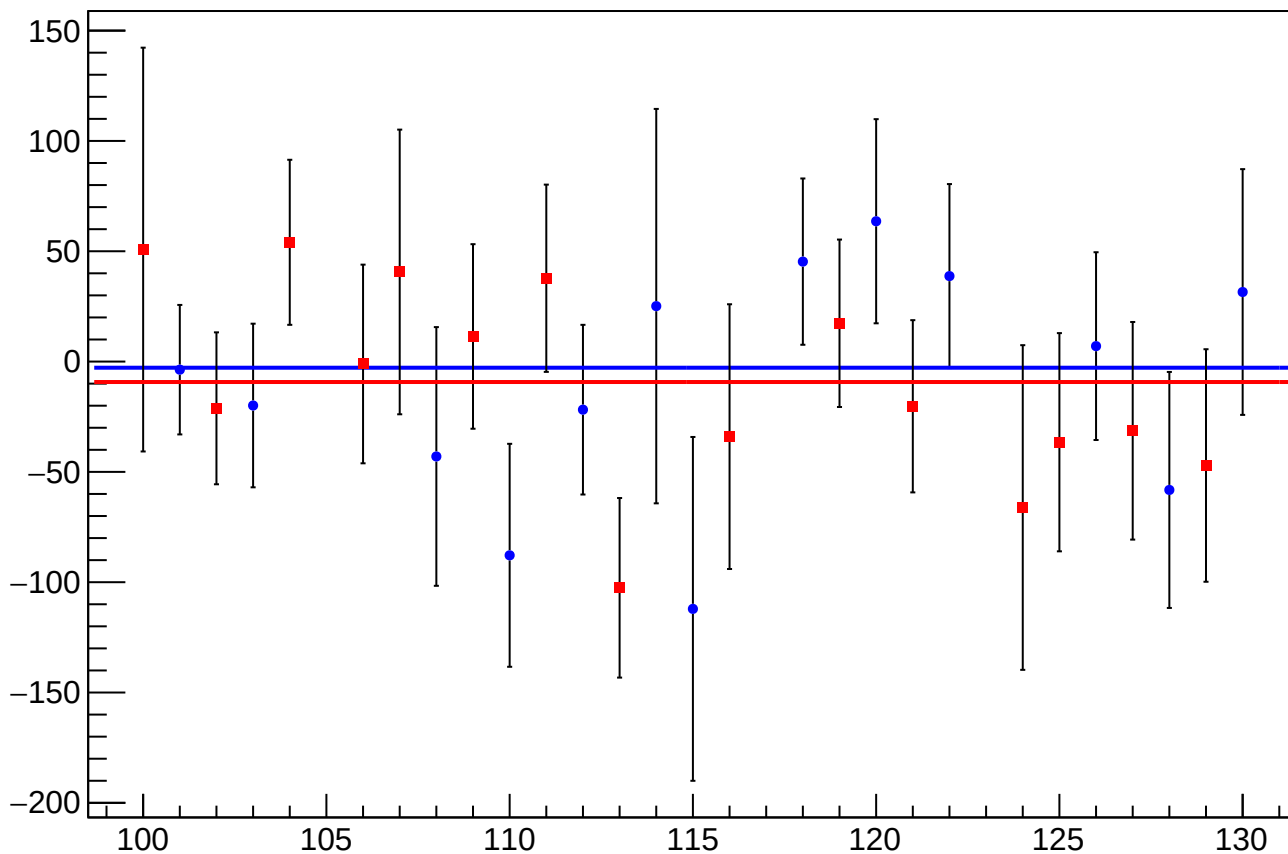
Right: 28663.534+/-6.054 χ^2/NDF : 322424.5/27

In: 28696.795+/-8.765 χ^2/NDF : 244970.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28663.534+/-6.054 χ^2/NDF : 322424.5/27

diff_bpmEX_mean vs Slug, Sign Corrected



Right In: -2.785+/-12.396 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.267+/-11.838 χ^2/NDF : 13.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

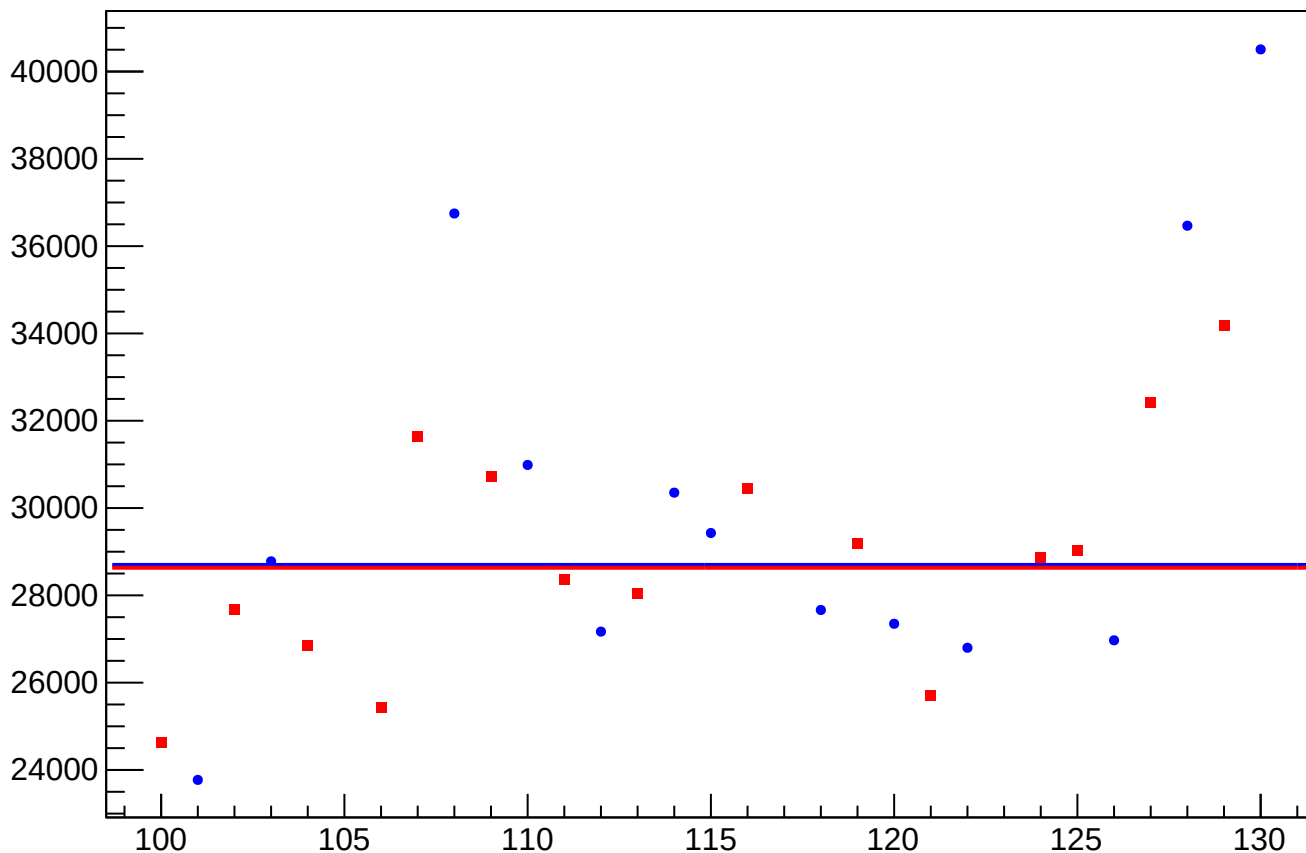
Right: -6.175+/-8.561 χ^2/NDF : 25.3/27

In: -2.785+/-12.396 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.175+/-8.561 χ^2/NDF : 25.3/27

diff_bpmEX_rms vs Slug, Sign Corrected



Right In: 28696.795+/-8.765 χ^2/NDF : 244970.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28633.199+/-8.371 χ^2/NDF : 77426.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

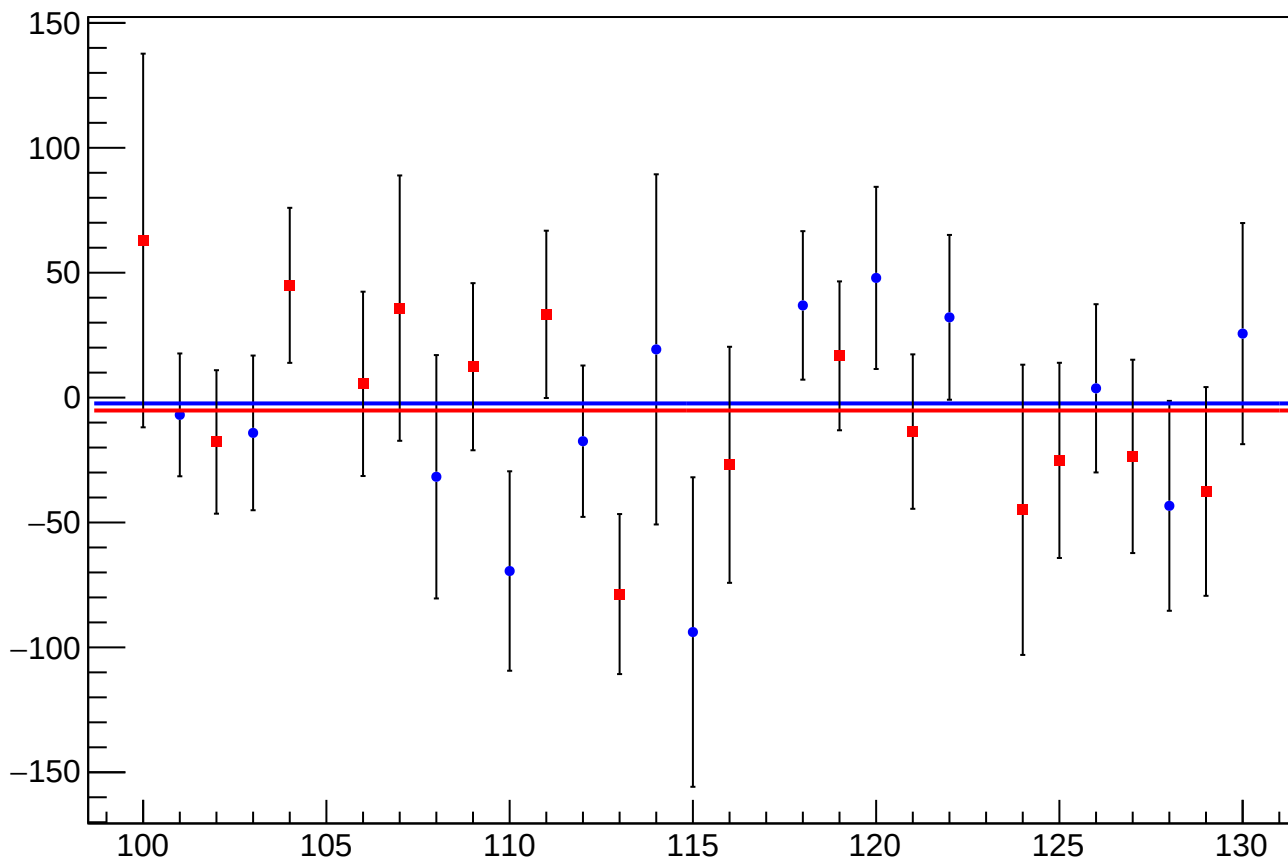
Right: 28663.534+/-6.054 χ^2/NDF : 322424.5/27

In: 28696.795+/-8.765 χ^2/NDF : 244970.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28663.534+/-6.054 χ^2/NDF : 322424.5/27

diff_bpmE_11X12X_mean vs Slug, Sign Corrected



Right In: -2.335 ± 9.970 $\chi^2/\text{NDF}: 12.0/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -5.162 ± 9.496 $\chi^2/\text{NDF}: 13.5/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

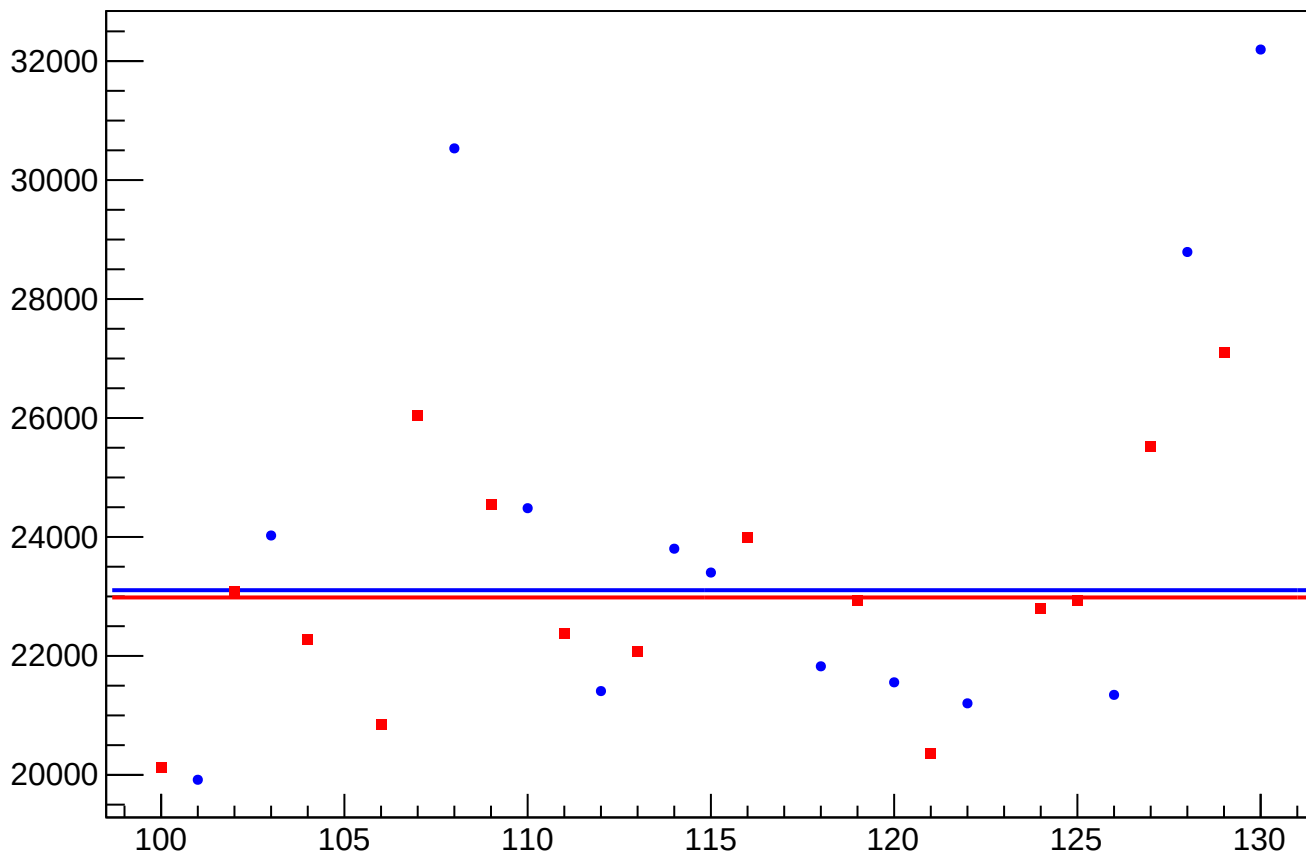
Right: -3.817 ± 6.876 $\chi^2/\text{NDF}: 25.6/27$

In: -2.335 ± 9.970 $\chi^2/\text{NDF}: 12.0/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -3.817 ± 6.876 $\chi^2/\text{NDF}: 25.6/27$

diff_bpmE_11X12X_rms vs Slug, Sign Corrected



Right In: 23105.184+/-7.050 χ^2/NDF : 231139.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22983.173+/-6.715 χ^2/NDF : 67219.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

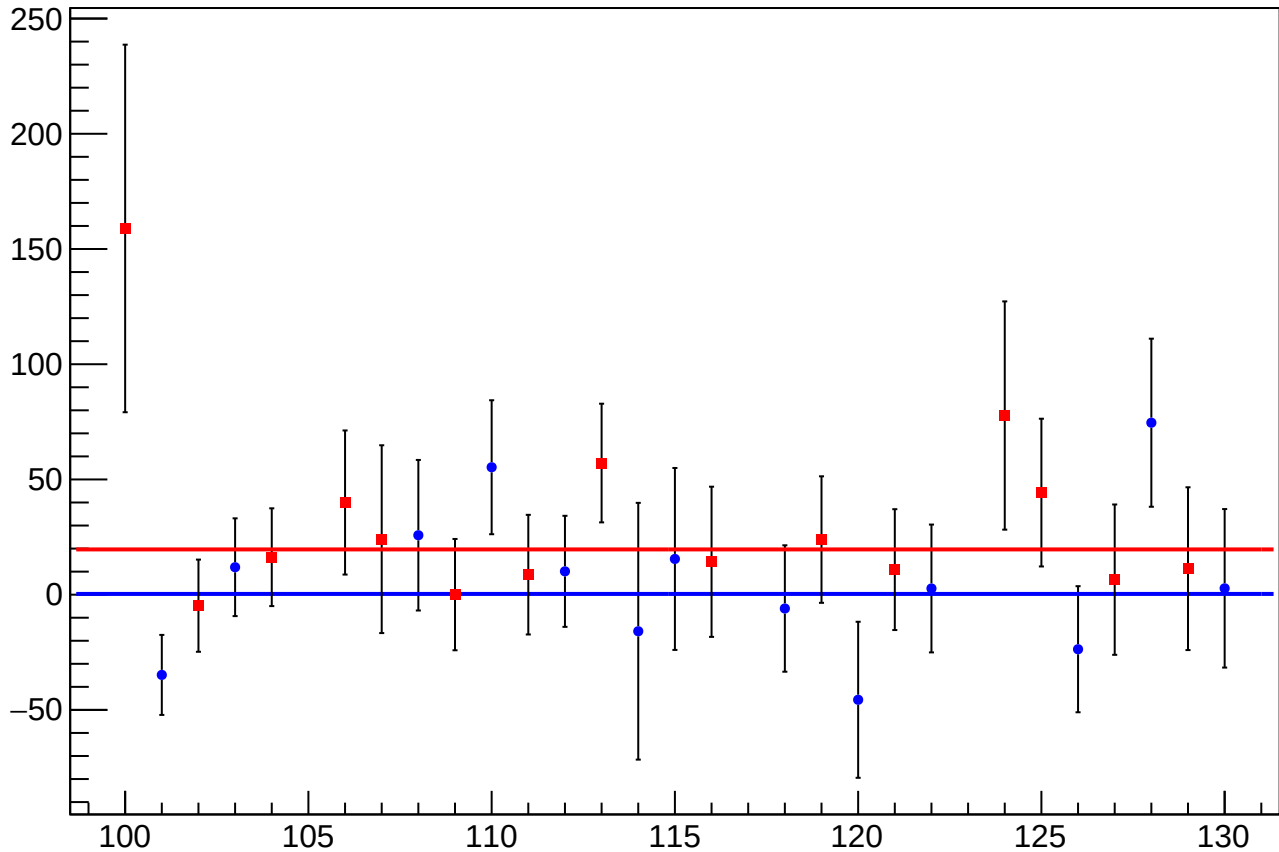
Right: 23041.211+/-4.862 χ^2/NDF : 298516.3/27

In: 23105.184+/-7.050 χ^2/NDF : 231139.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23041.211+/-4.862 χ^2/NDF : 298516.3/27

diff_bpm4aesumX_mean vs Slug, Sign Corrected



Right In: 0.323+/-7.719 χ^2/NDF : 15.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.640+/-7.442 χ^2/NDF : 10.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

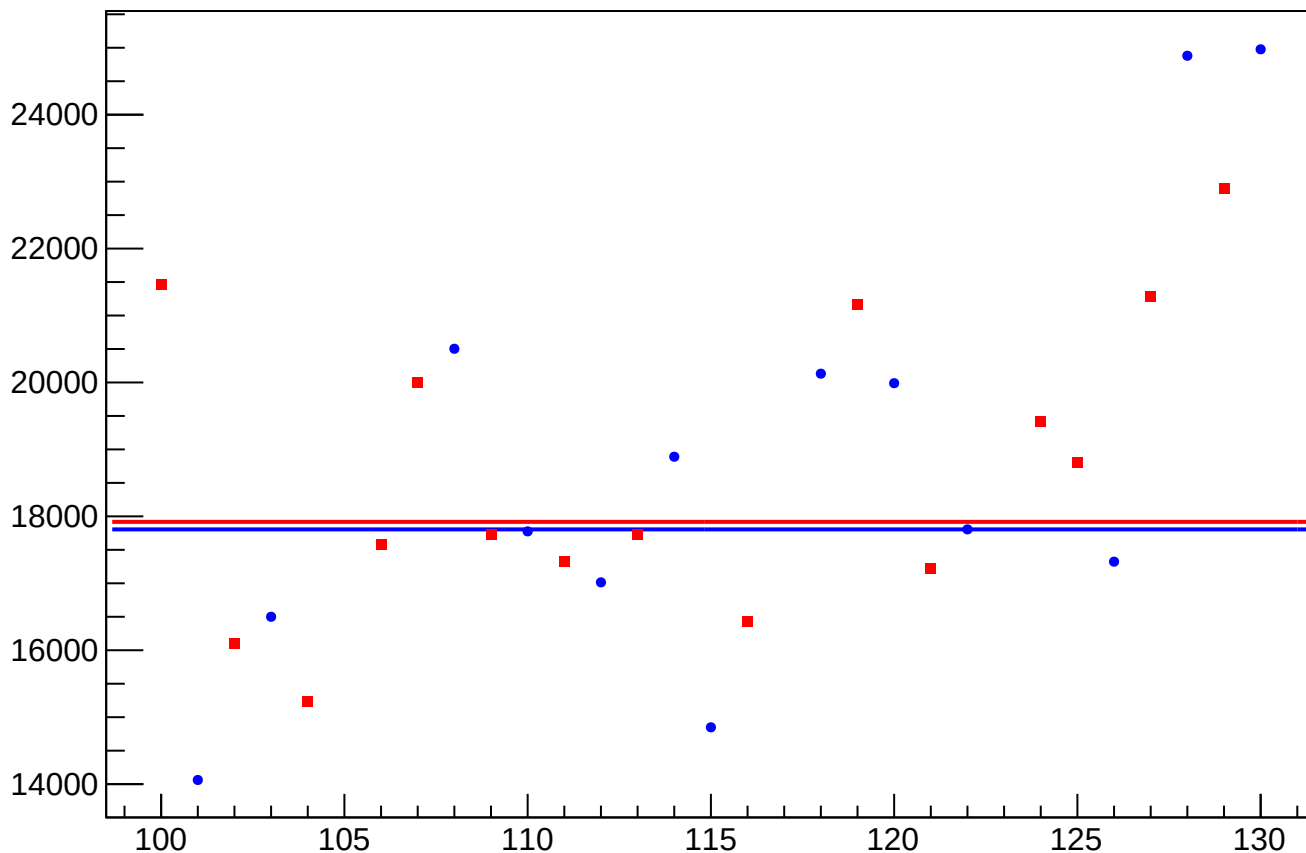
Right: 10.335+/-5.358 χ^2/NDF : 29.4/27

In: 0.323+/-7.719 χ^2/NDF : 15.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.335+/-5.358 χ^2/NDF : 29.4/27

diff_bpm4aesumX_rms vs Slug, Sign Corrected



Right In: 17805.281+/-5.458 χ^2/NDF : 313868.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17917.703+/-5.262 χ^2/NDF : 156987.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

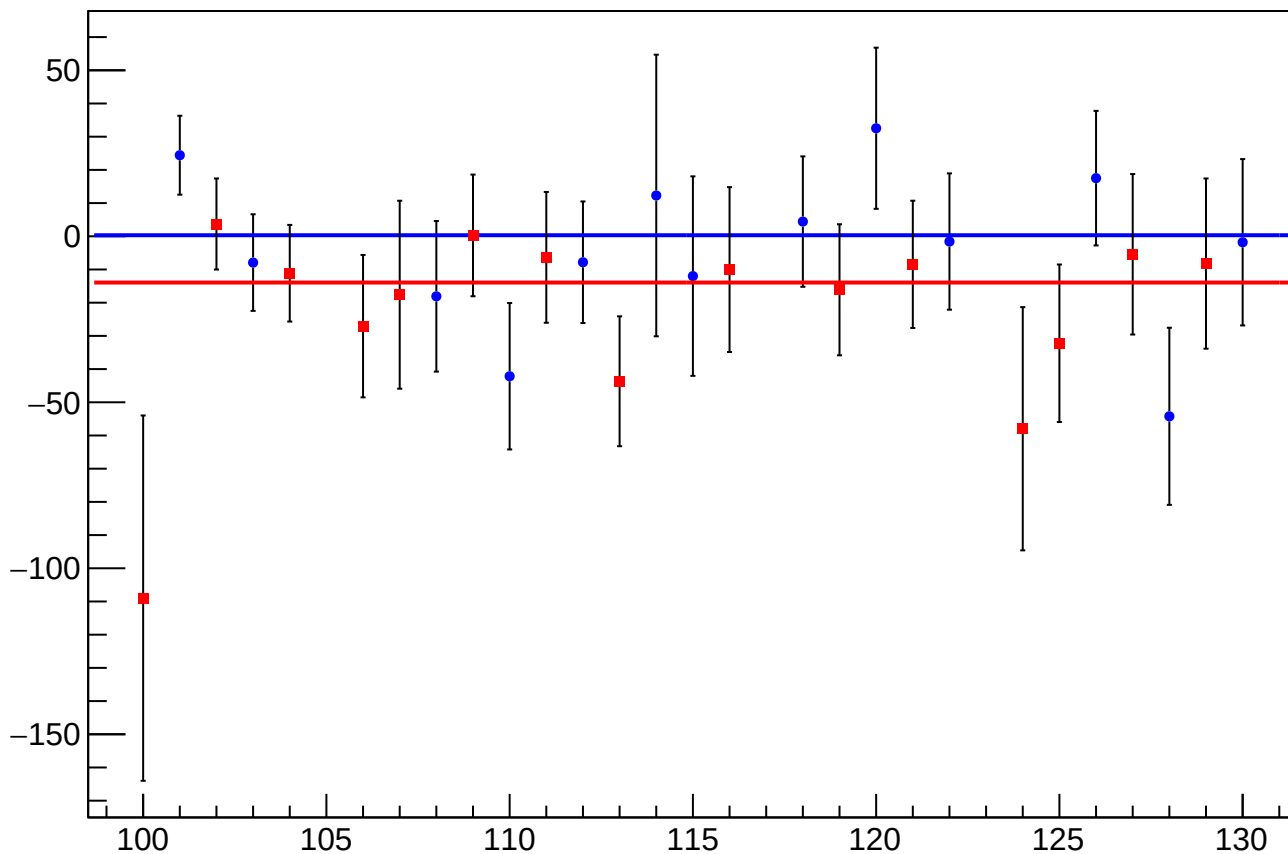
Right: 17863.549+/-3.788 χ^2/NDF : 471076.1/27

In: 17805.281+/-5.458 χ^2/NDF : 313868.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17863.549+/-3.788 χ^2/NDF : 471076.1/27

diff_bpm4aediX_mean vs Slug, Sign Corrected



Right In: 0.318+/-5.543 χ^2/NDF : 16.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -13.927+/-5.374 χ^2/NDF : 10.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

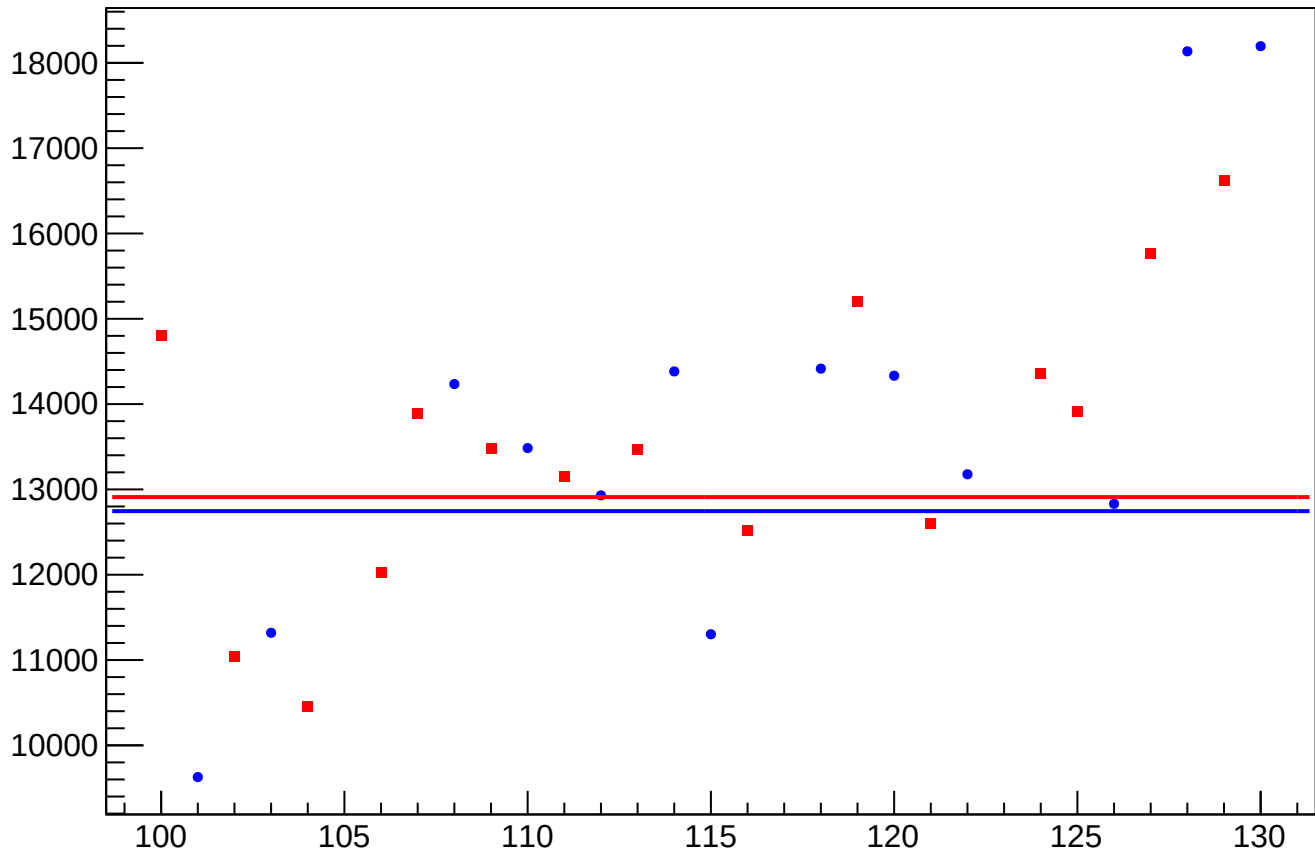
Right: -7.025+/-3.859 χ^2/NDF : 29.8/27

In: 0.318+/-5.543 χ^2/NDF :16.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -7.025+/-3.859 χ^2/NDF : 29.8/27

diff_bpm4aediX_rms vs Slug, Sign Corrected



Right In: 12745.334+/-3.920 χ^2/NDF : 375718.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 12910.007+/-3.800 χ^2/NDF : 210421.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

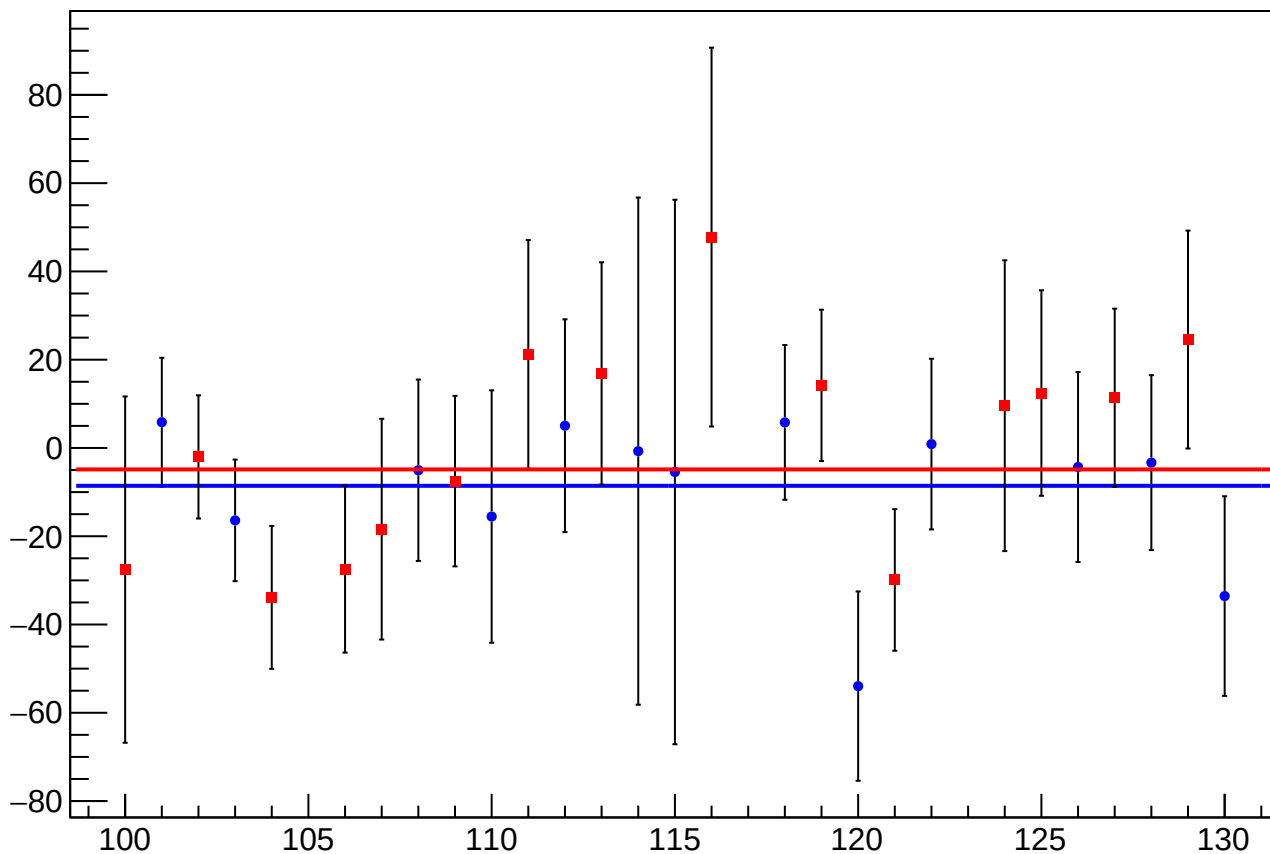
Right: 12830.221+/-2.728 χ^2/NDF : 587050.5/27

In: 12745.334+/-3.920 χ^2/NDF :375718.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 12830.221+/-2.728 χ^2/NDF : 587050.5/27

diff_bpm4aesumY_mean vs Slug, Sign Corrected



Right In: -8.573+/-5.716 χ^2/NDF : 8.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.860+/-5.390 χ^2/NDF : 15.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

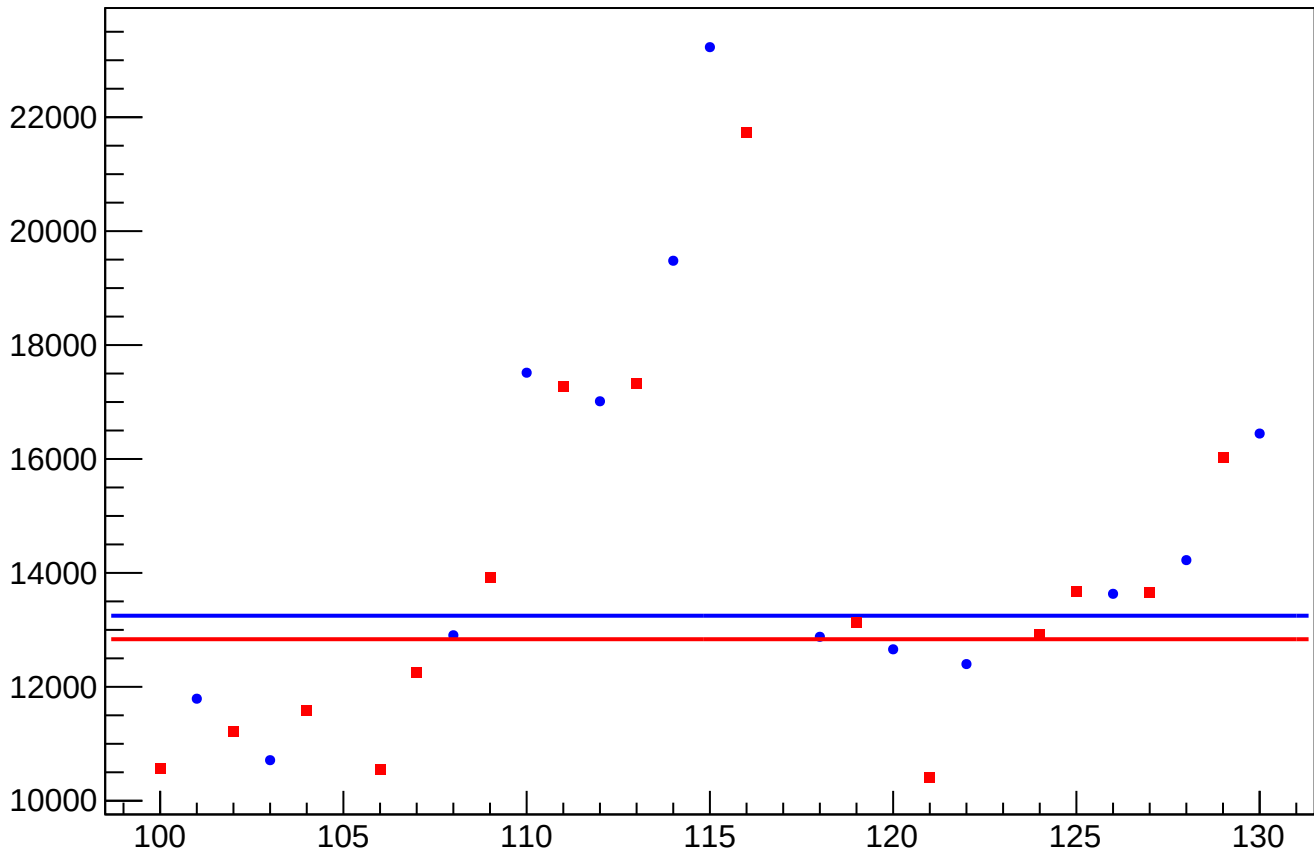
Right: -6.608+/-3.921 χ^2/NDF : 23.7/27

In: -8.573+/-5.716 χ^2/NDF : 8.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.608+/-3.921 χ^2/NDF : 23.7/27

diff_bpm4aesumY_rms vs Slug, Sign Corrected



Right In: 13248.539+/-4.042 χ^2/NDF : 309143.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12836.054+/-3.811 χ^2/NDF : 375969.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

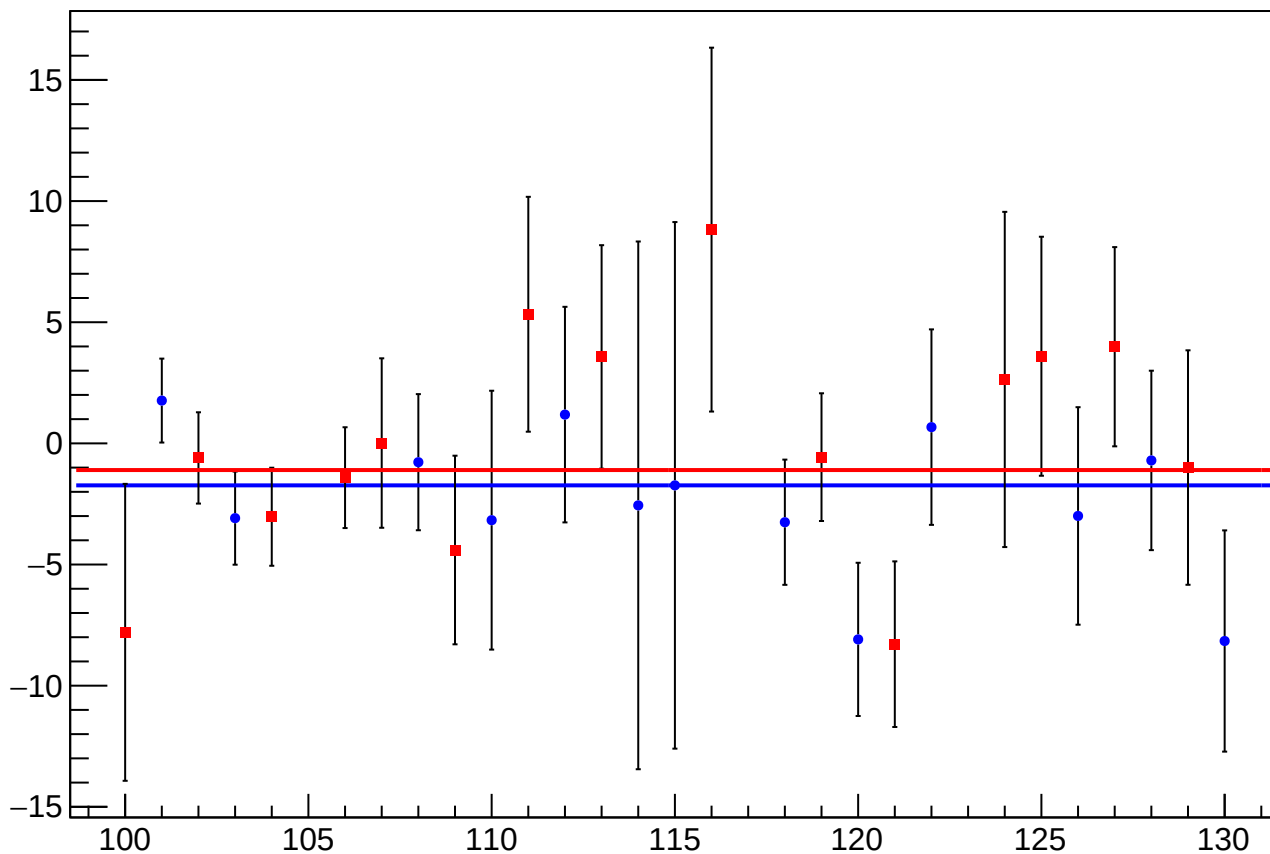
Right: 13030.186+/-2.773 χ^2/NDF : 690626.0/27

In: 13248.539+/-4.042 χ^2/NDF : 309143.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13030.186+/-2.773 χ^2/NDF : 690626.0/27

diff_bpm4aediY_mean vs Slug, Sign Corrected



Right In: -1.733 ± 0.872 $\chi^2/\text{NDF}: 12.1/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.101 ± 0.836 $\chi^2/\text{NDF}: 14.7/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

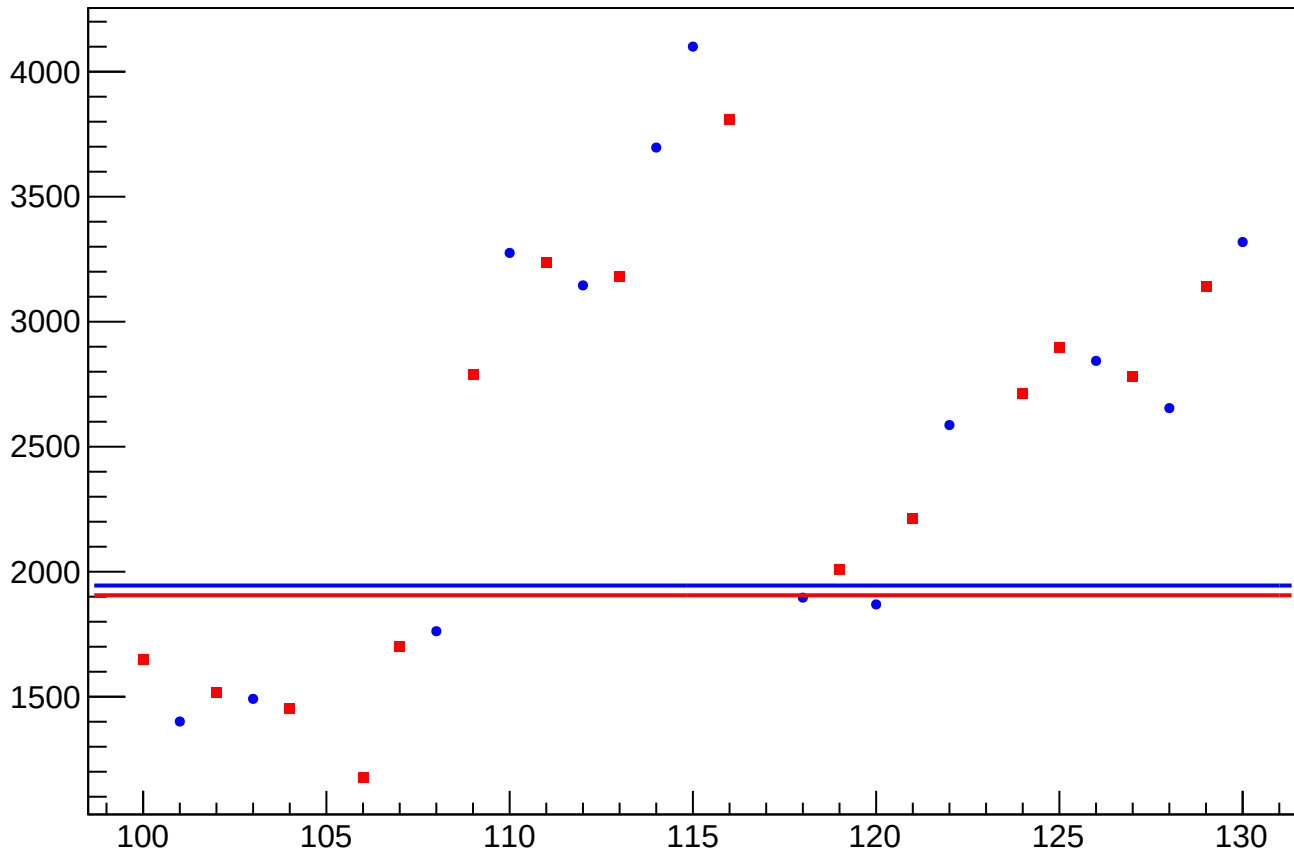
Right: -1.403 ± 0.603 $\chi^2/\text{NDF}: 27.1/27$

In: -1.733 ± 0.872 $\chi^2/\text{NDF}: 12.1/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.403 ± 0.603 $\chi^2/\text{NDF}: 27.1/27$

diff_bpm4aediffY_rms vs Slug, Sign Corrected



Right In: 1944.803+/-0.617 χ^2/NDF : 1104362.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1905.832+/-0.591 χ^2/NDF : 1324110.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

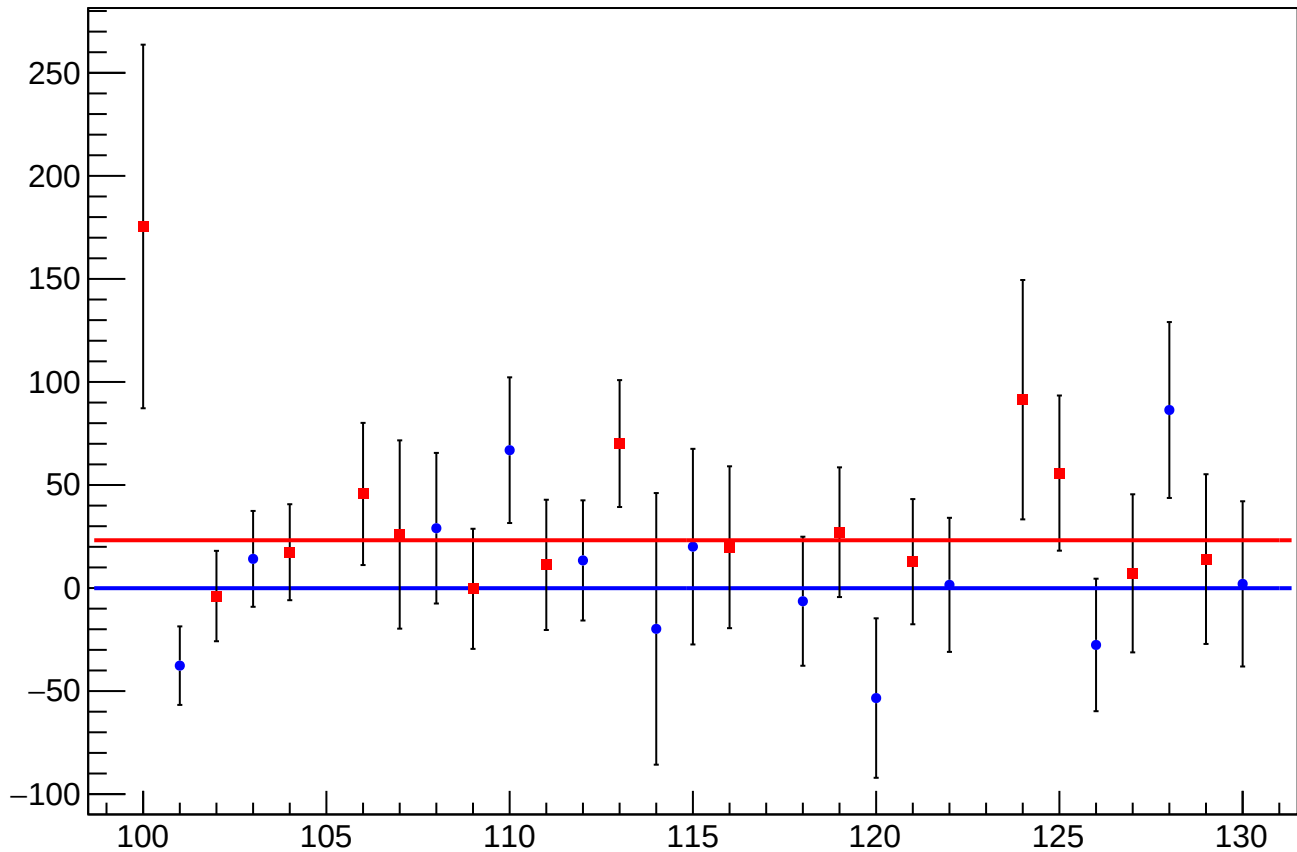
Right: 1924.487+/-0.427 χ^2/NDF : 2430554.7/27

In: 1944.803+/-0.617 χ^2/NDF : 1104362.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1924.487+/-0.427 χ^2/NDF : 2430554.7/27

diff_bpmtargetsumX_mean vs Slug, Sign Corrected



Right In: -0.074 ± 8.847 χ^2/NDF : 15.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 23.187 ± 8.569 χ^2/NDF : 10.6/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

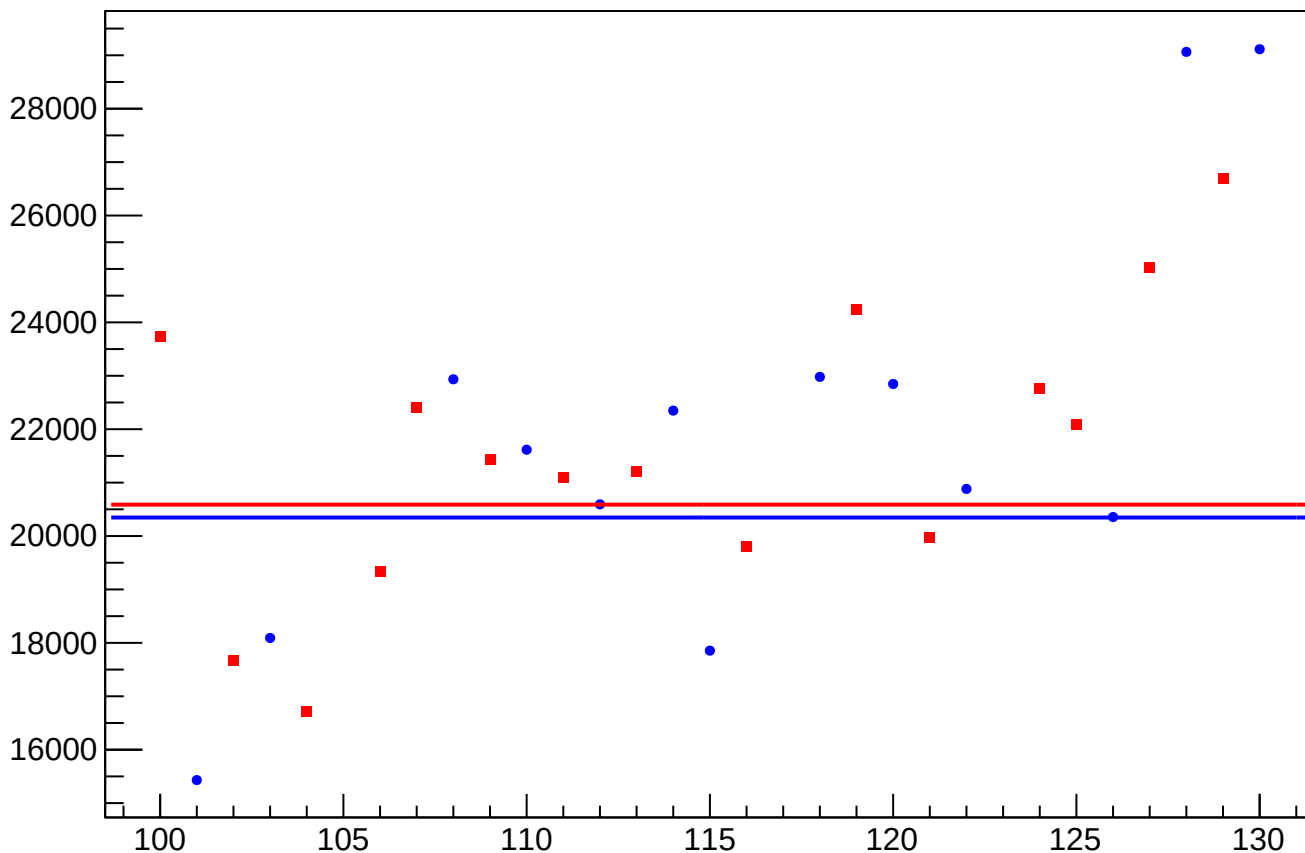
Right: 11.928 ± 6.155 χ^2/NDF : 29.9/27

In: -0.074 ± 8.847 χ^2/NDF : 15.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 11.928 ± 6.155 χ^2/NDF : 29.9/27

diff_bpmtargetsumX_rms vs Slug, Sign Corrected



Right In: 20346.676+/-6.256 χ^2/NDF : 374151.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 20587.642+/-6.059 χ^2/NDF : 207392.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

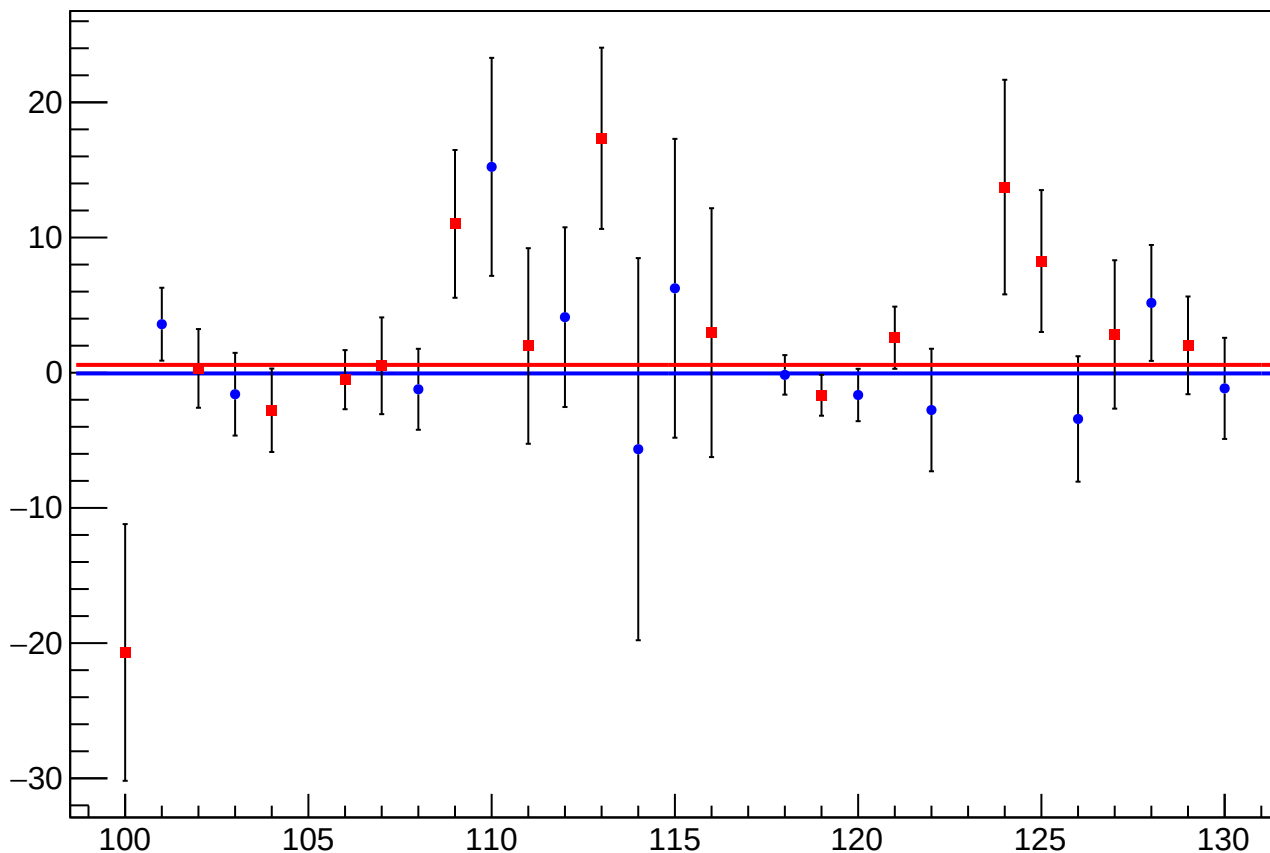
Right: 20471.008+/-4.353 χ^2/NDF : 582308.9/27

In: 20346.676+/-6.256 χ^2/NDF :374151.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20471.008+/-4.353 χ^2/NDF : 582308.9/27

diff_bpmtargetdiffX_mean vs Slug, Sign Corrected



Right In: -0.052 ± 0.857 χ^2/NDF : 9.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.580 ± 0.847 χ^2/NDF : 24.6/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

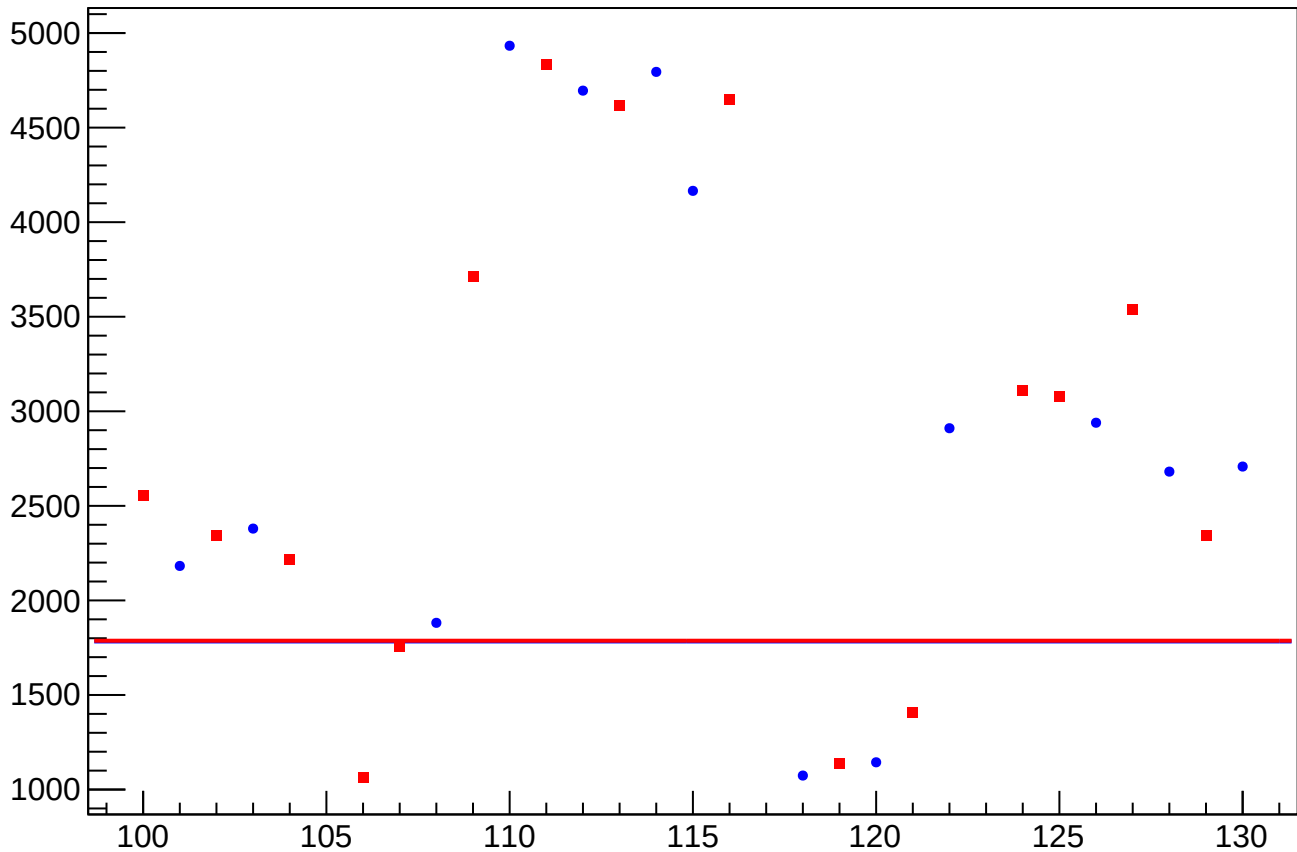
Right: 0.267 ± 0.602 χ^2/NDF : 34.7/27

In: -0.052 ± 0.857 χ^2/NDF : 9.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.267 ± 0.602 χ^2/NDF : 34.7/27

diff_bpmtargetdiffX_rms vs Slug, Sign Corrected



Right In: 1783.070+/-0.606 χ^2/NDF : 2141836.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1786.884+/-0.599 χ^2/NDF : 2349757.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

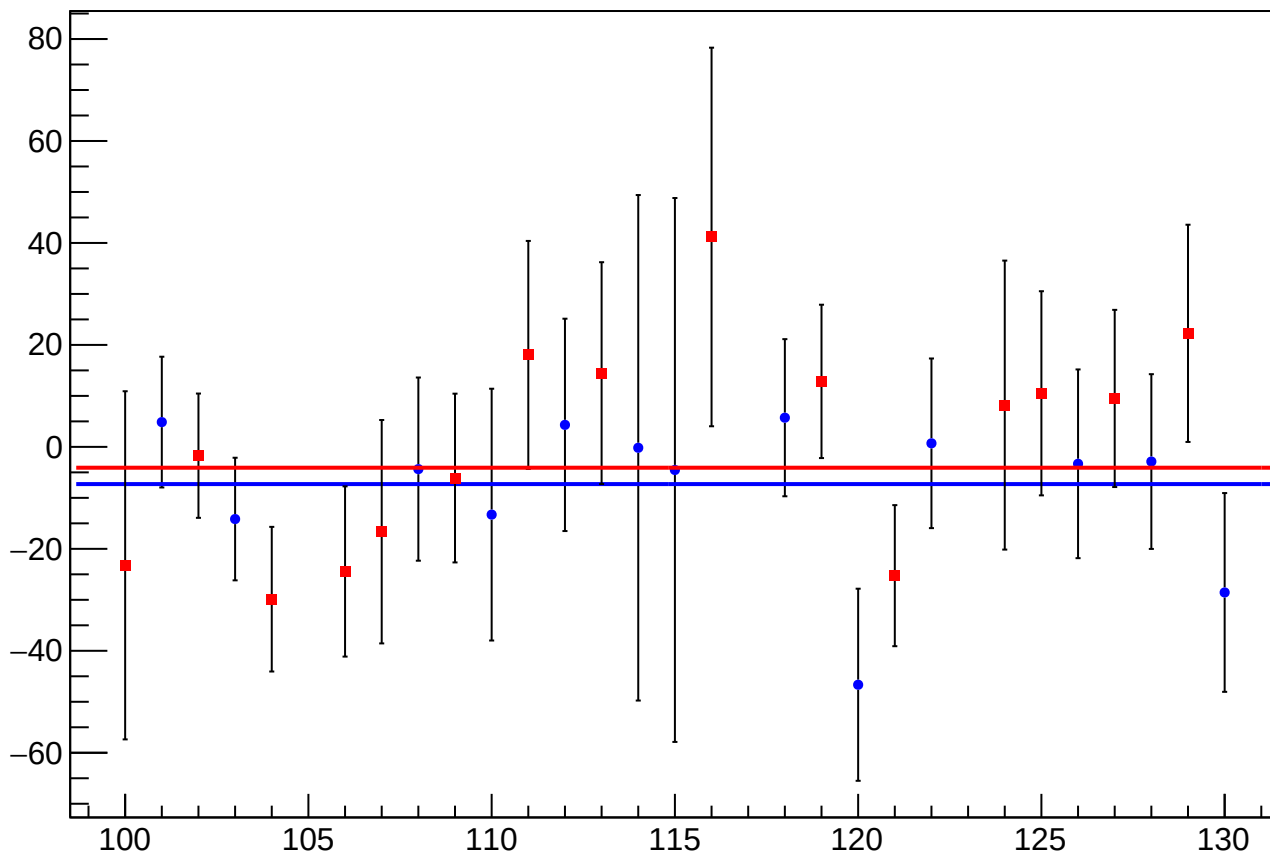
Right: 1784.999+/-0.426 χ^2/NDF : 4491614.3/27

In: 1783.070+/-0.606 χ^2/NDF : 2141836.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1784.999+/-0.426 χ^2/NDF : 4491614.3/27

diff_bpmtargetsumY_mean vs Slug, Sign Corrected



Right In: -7.299 +/- 4.975 χ^2/NDF : 8.3/12

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -4.087 +/- 4.682 χ^2/NDF : 15.1/14

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

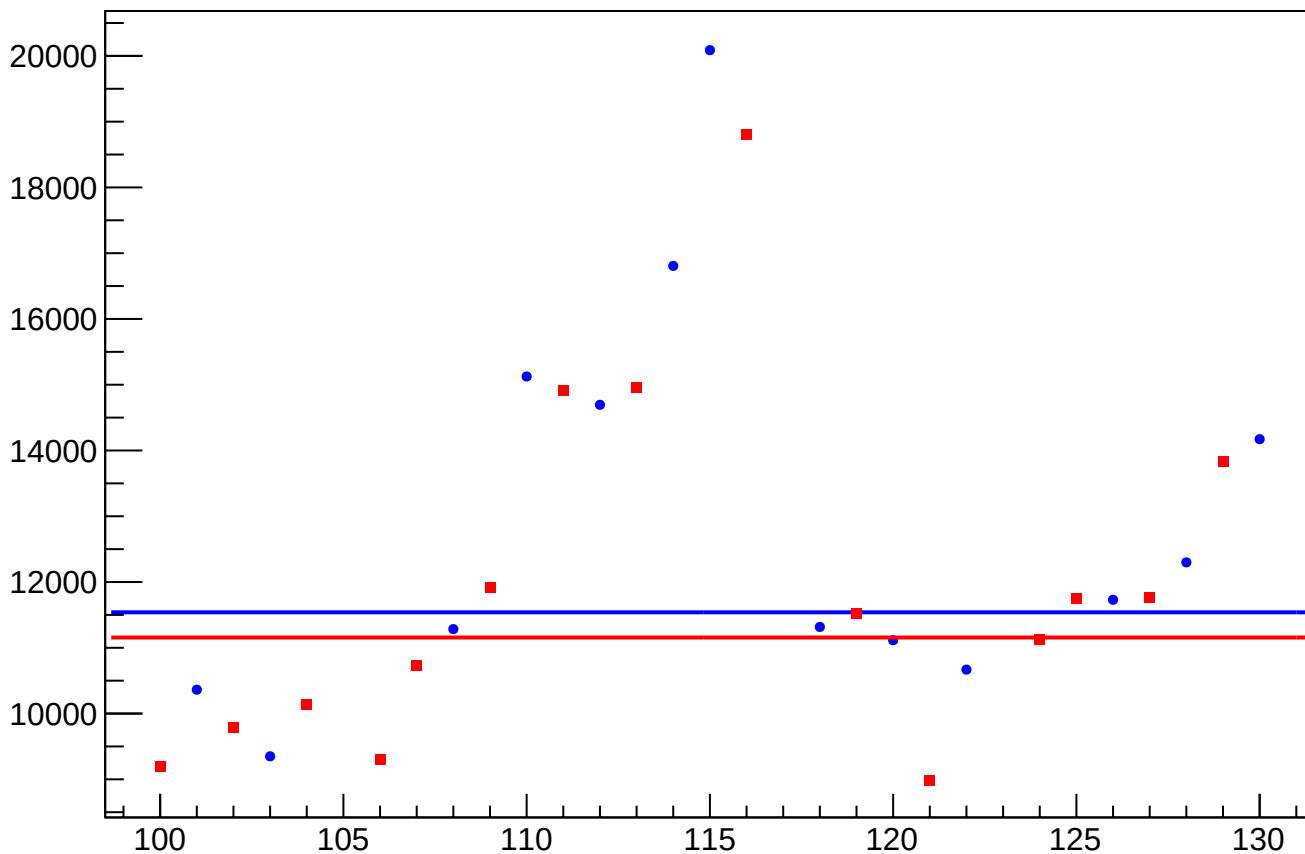
Right: -5.596 +/- 3.410 χ^2/NDF : 23.6/27

In: -7.299 +/- 4.975 χ^2/NDF : 8.3/12

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -5.596 +/- 3.410 χ^2/NDF : 23.6/27

diff_bpmtargetsumY_rms vs Slug, Sign Corrected



Right In: 11539.502+/-3.518 χ^2/NDF : 293084.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11156.532+/-3.311 χ^2/NDF : 360062.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

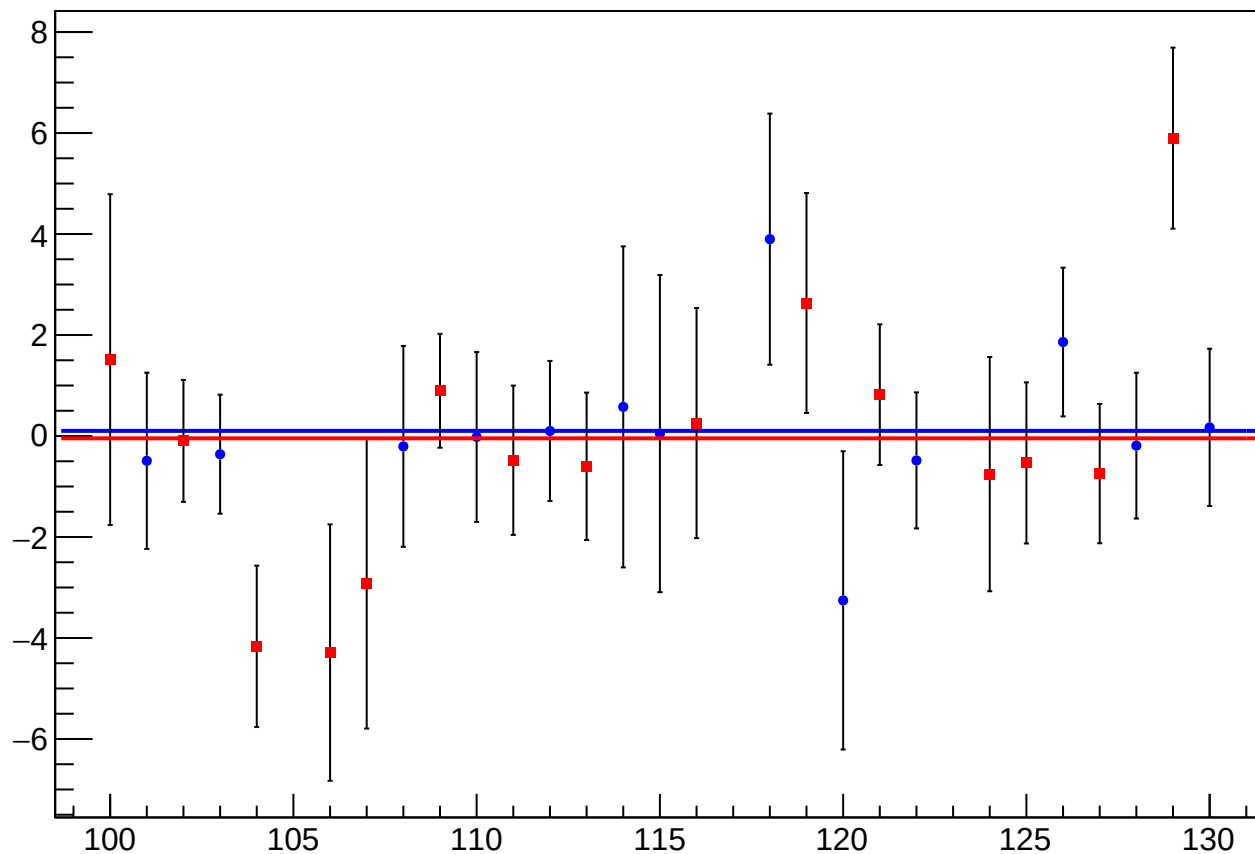
Right: 11336.398+/-2.411 χ^2/NDF : 659431.0/27

In: 11539.502+/-3.518 χ^2/NDF : 293084.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11336.398+/-2.411 χ^2/NDF : 659431.0/27

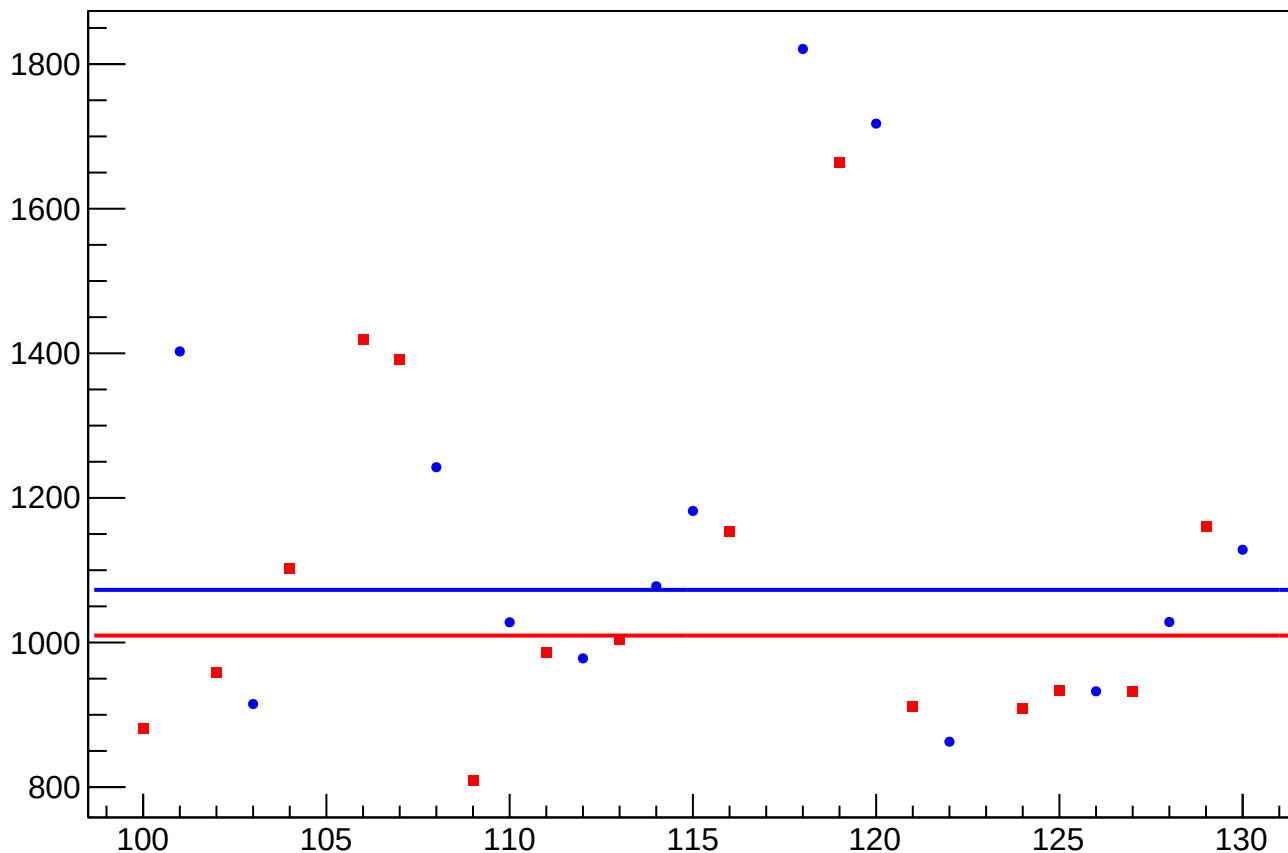
diff_bpmtargetdiffY_mean vs Slug, Sign Corrected



Right In: 0.102+/-0.469 χ^2/NDF : 5.6/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.046+/-0.427 χ^2/NDF : 25.0/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.021+/-0.315 χ^2/NDF : 30.6/27
 In: 0.102+/-0.469 χ^2/NDF : 5.6/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.021+/-0.315 χ^2/NDF : 30.6/27

diff_bpmtargetdiffY_rms vs Slug, Sign Corrected



Right In: 1072.806+/-0.331 χ^2/NDF : 482682.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1009.621+/-0.302 χ^2/NDF : 390972.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

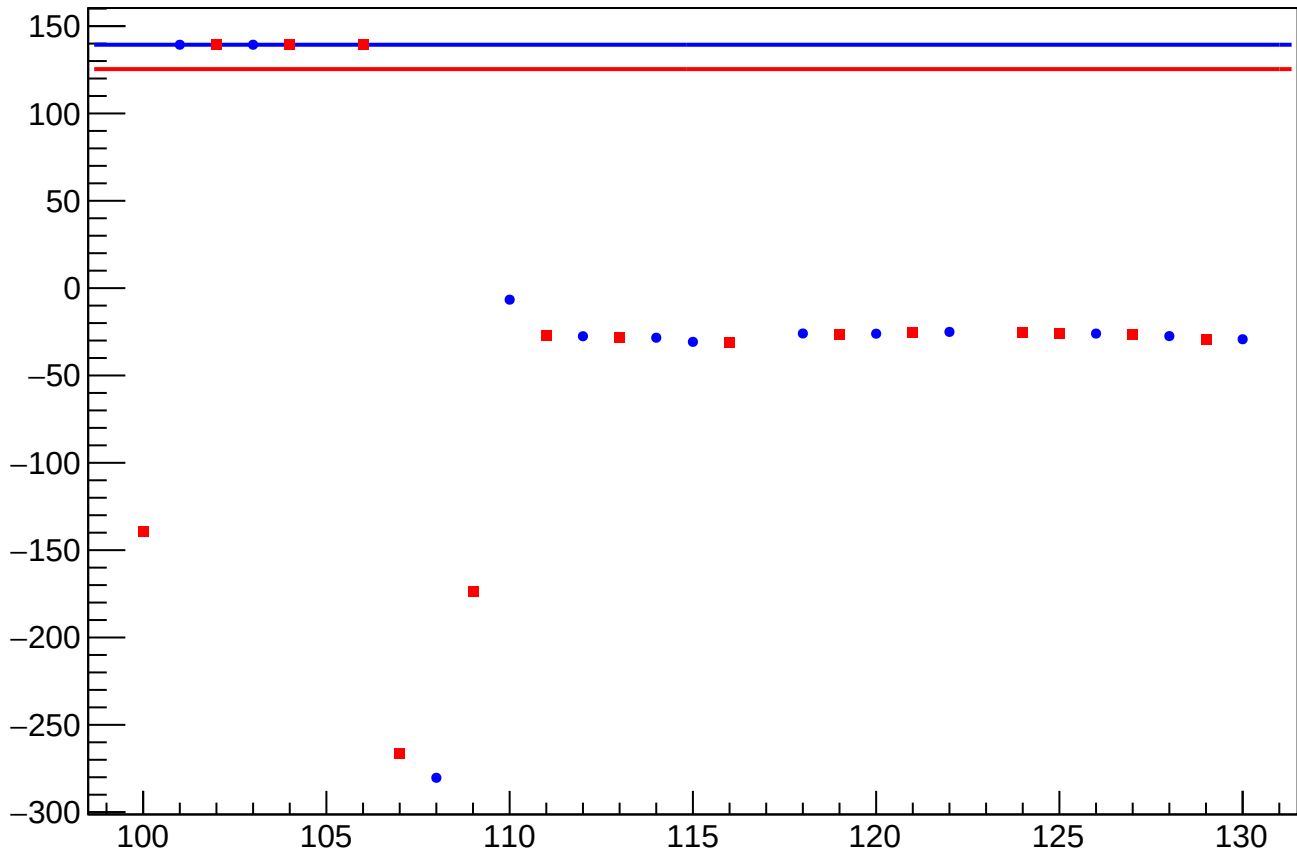
Right: 1038.258+/-0.223 χ^2/NDF : 893544.6/27

In: 1072.806+/-0.331 χ^2/NDF : 482682.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1038.258+/-0.223 χ^2/NDF : 893544.6/27

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 139.337 $\pm$ 0.000 χ^2 /NDF: 31539221044.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 125.392 $\pm$ 0.000 χ^2 /NDF: 774161682793458.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

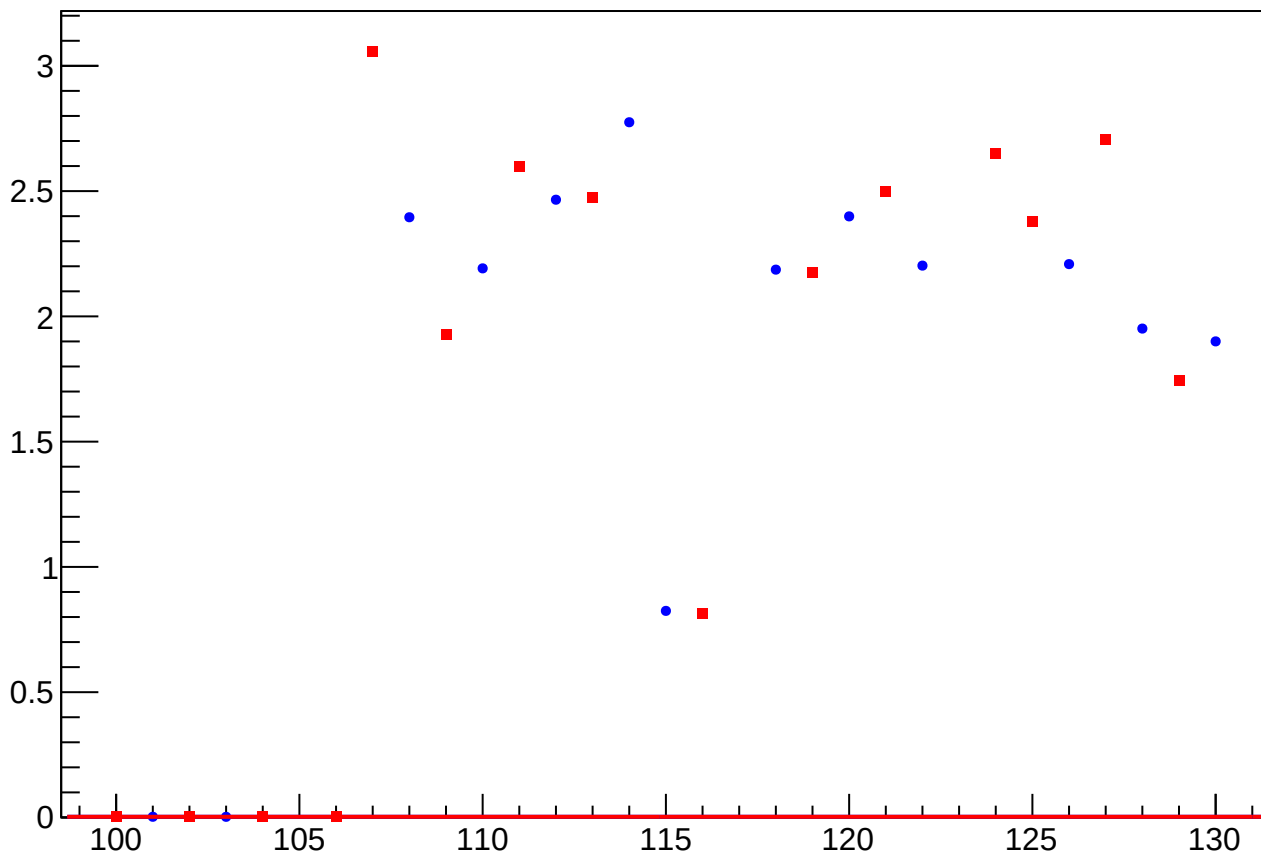
Right: 131.819 $\pm$ 0.000 χ^2 /NDF: 792978390699305

In: 139.337 $\pm$ 0.000 χ^2 /NDF:31539221044.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 131.819 $\pm$ 0.000 χ^2 /NDF: 79297839069

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 7103334.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 7428372.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

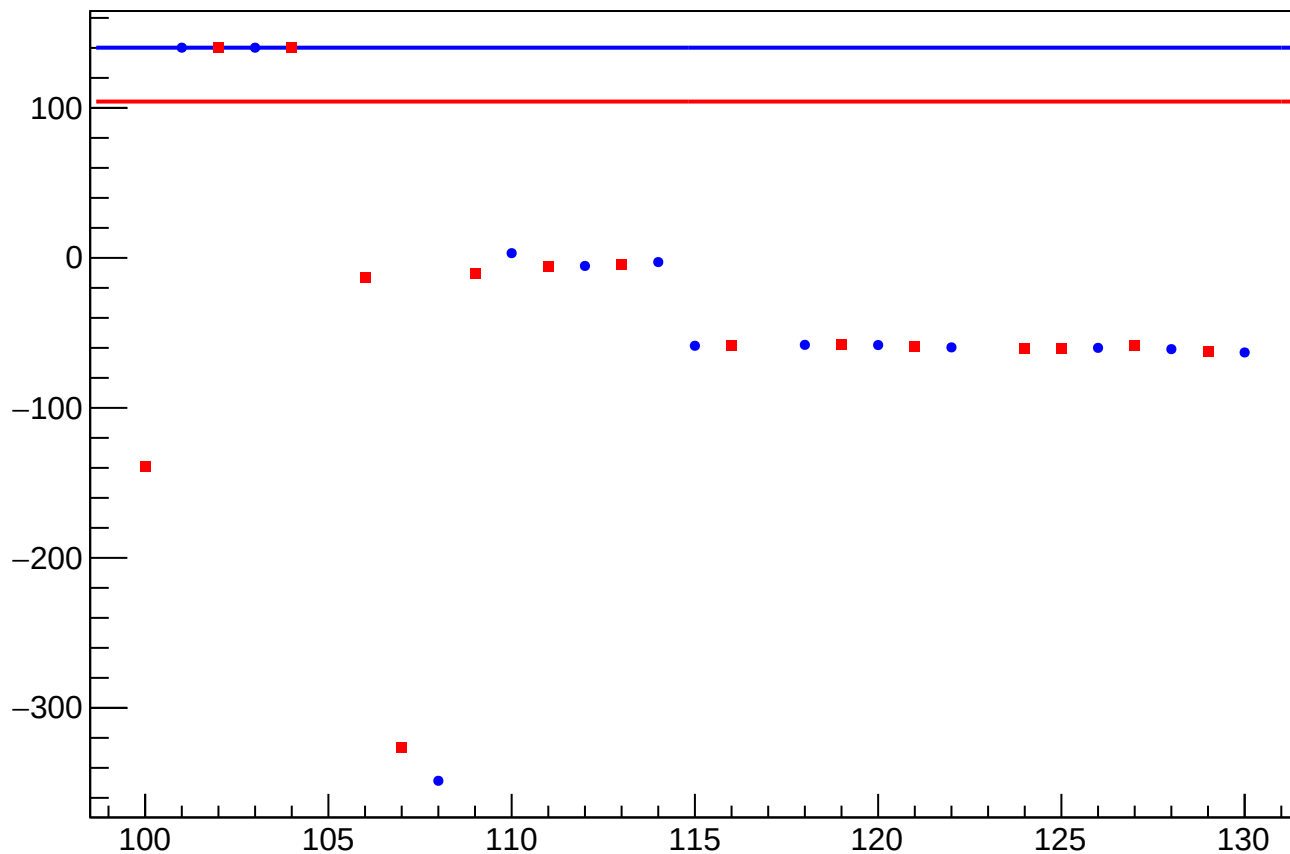
Right: 0.003+/-0.000 χ^2/NDF : 14531877.4/27

In: 0.003+/-0.000 χ^2/NDF :7103334.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 14531877.4/27

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 140.146+/-0.000 χ^2/NDF : 82522426630.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.226+/-0.000 χ^2/NDF : 1257337148772121.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

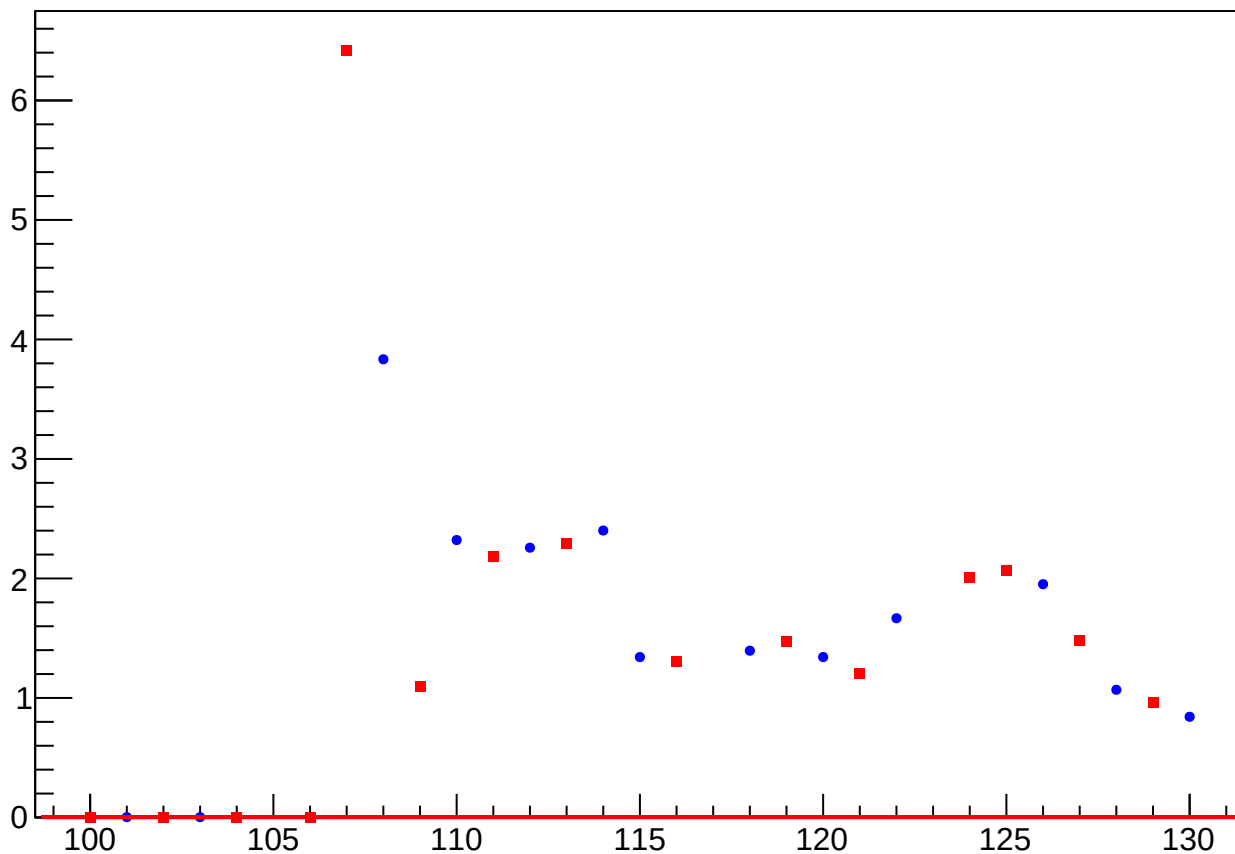
Right: 120.834+/-0.000 χ^2/NDF : 138073154177763

In: 140.146+/-0.000 χ^2/NDF : 82522426630.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.834+/-0.000 χ^2/NDF : 138073154177

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 7682126.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 7501903.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

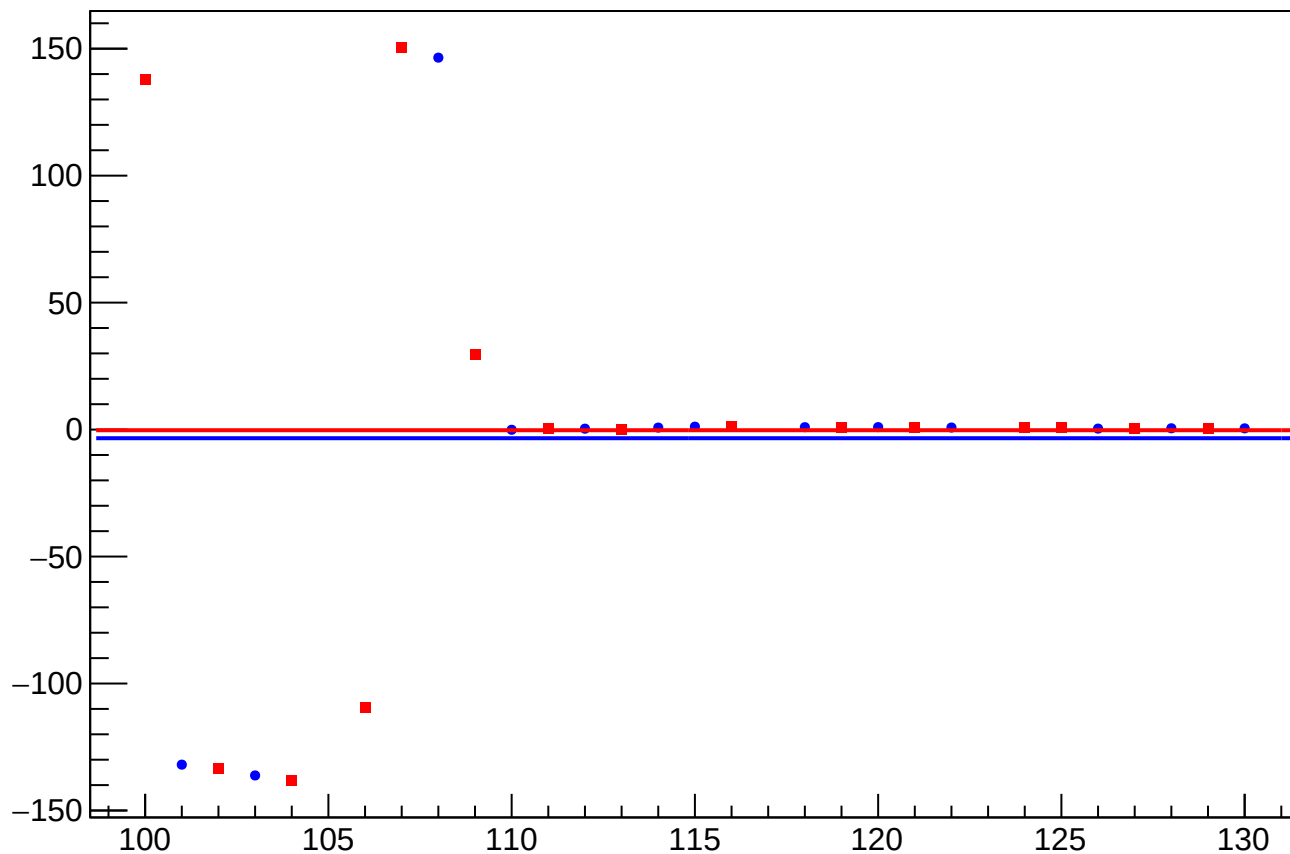
Right: 0.003+/-0.000 χ^2/NDF : 15184212.6/27

In: 0.003+/-0.000 χ^2/NDF :7682126.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 15184212.6/27

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -3.398+/-0.000 χ^2/NDF : 9815664984.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.252+/-0.000 χ^2/NDF : 3604738804.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

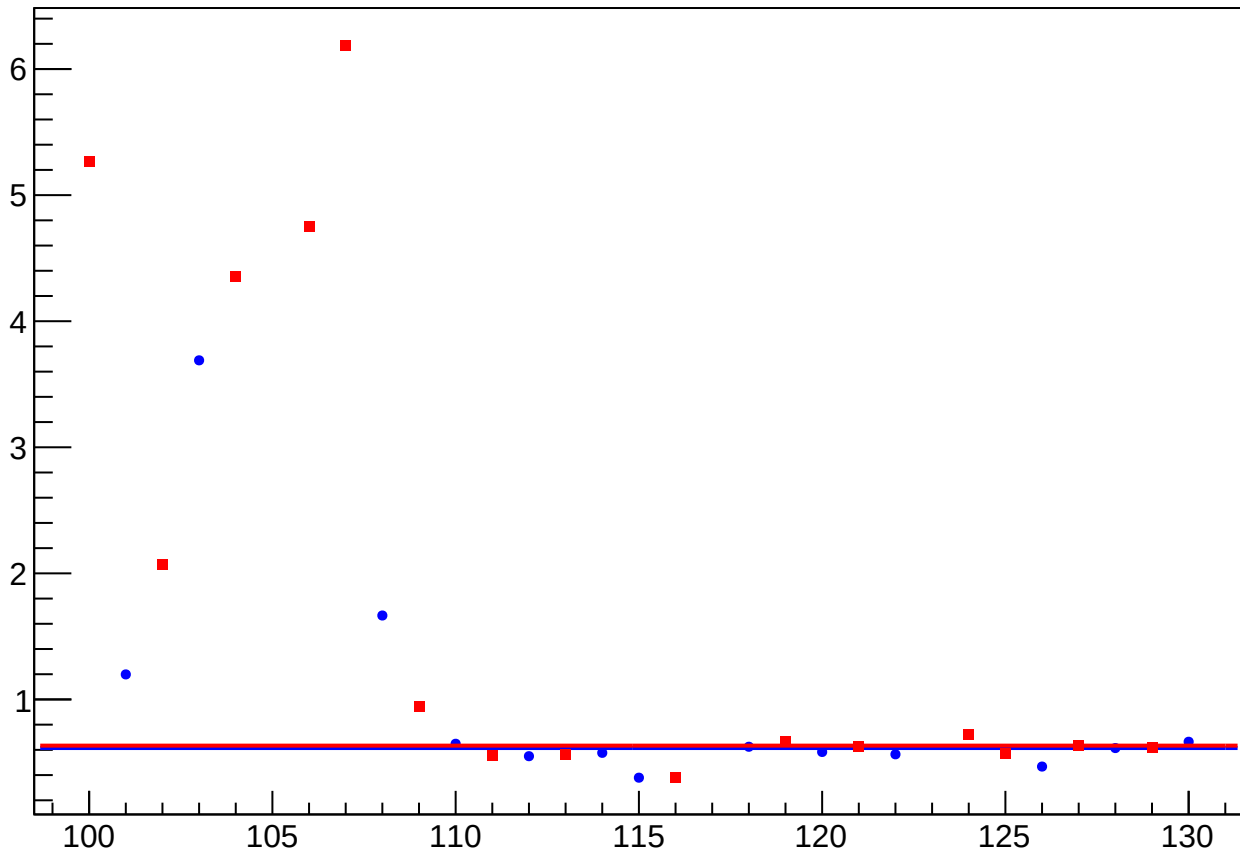
Right: -1.888+/-0.000 χ^2/NDF : 13469306843.8/27

In: -3.398+/-0.000 χ^2/NDF :9815664984.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.888+/-0.000 χ^2/NDF : 13469306843.8/27

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.614+/-0.000 χ^2/NDF : 1360164.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.634+/-0.000 χ^2/NDF : 2297945.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

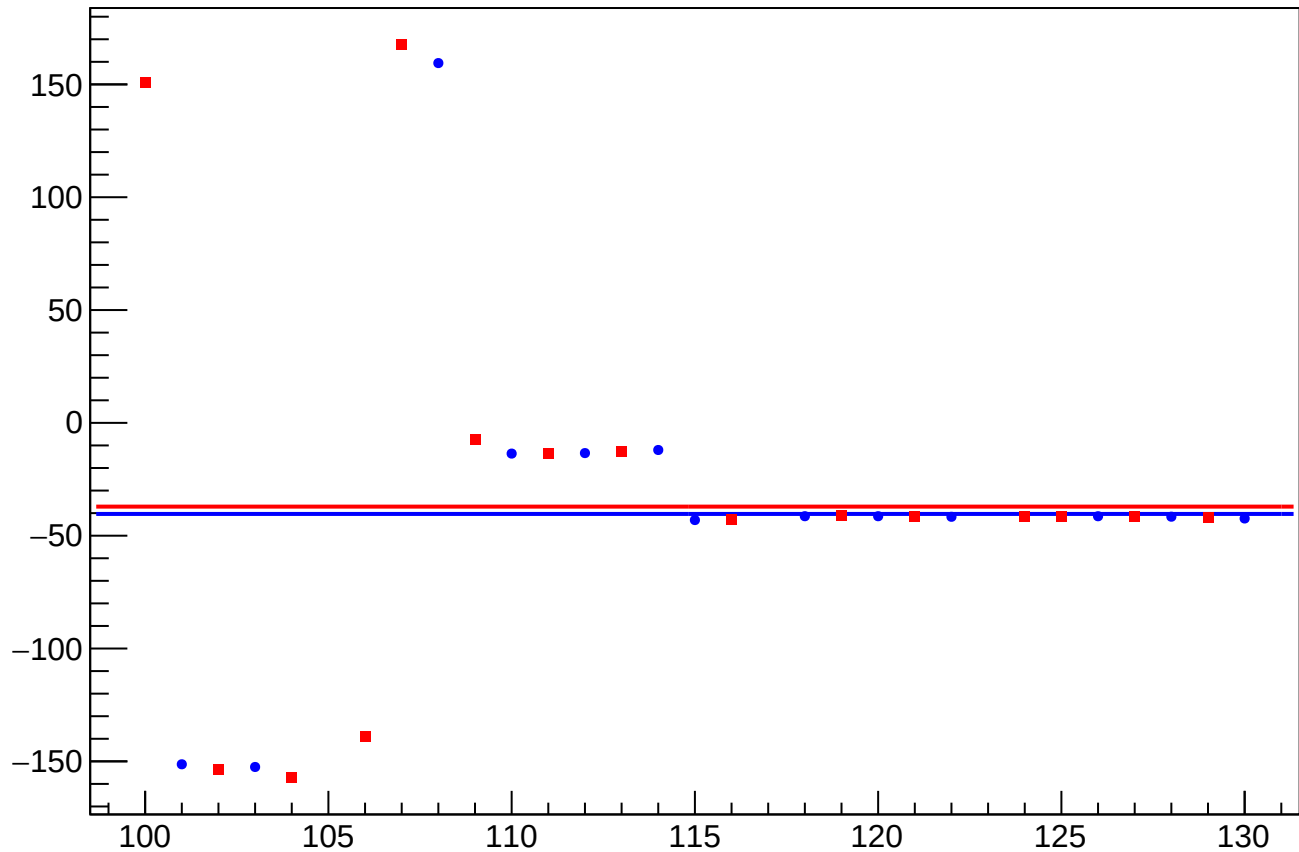
Right: 0.624+/-0.000 χ^2/NDF : 3661712.9/27

In: 0.614+/-0.000 χ^2/NDF : 1360164.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.624+/-0.000 χ^2/NDF : 3661712.9/27

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -40.358+/-0.000 χ^2/NDF : 3439894774.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -37.112+/-0.000 χ^2/NDF : 2384394384.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

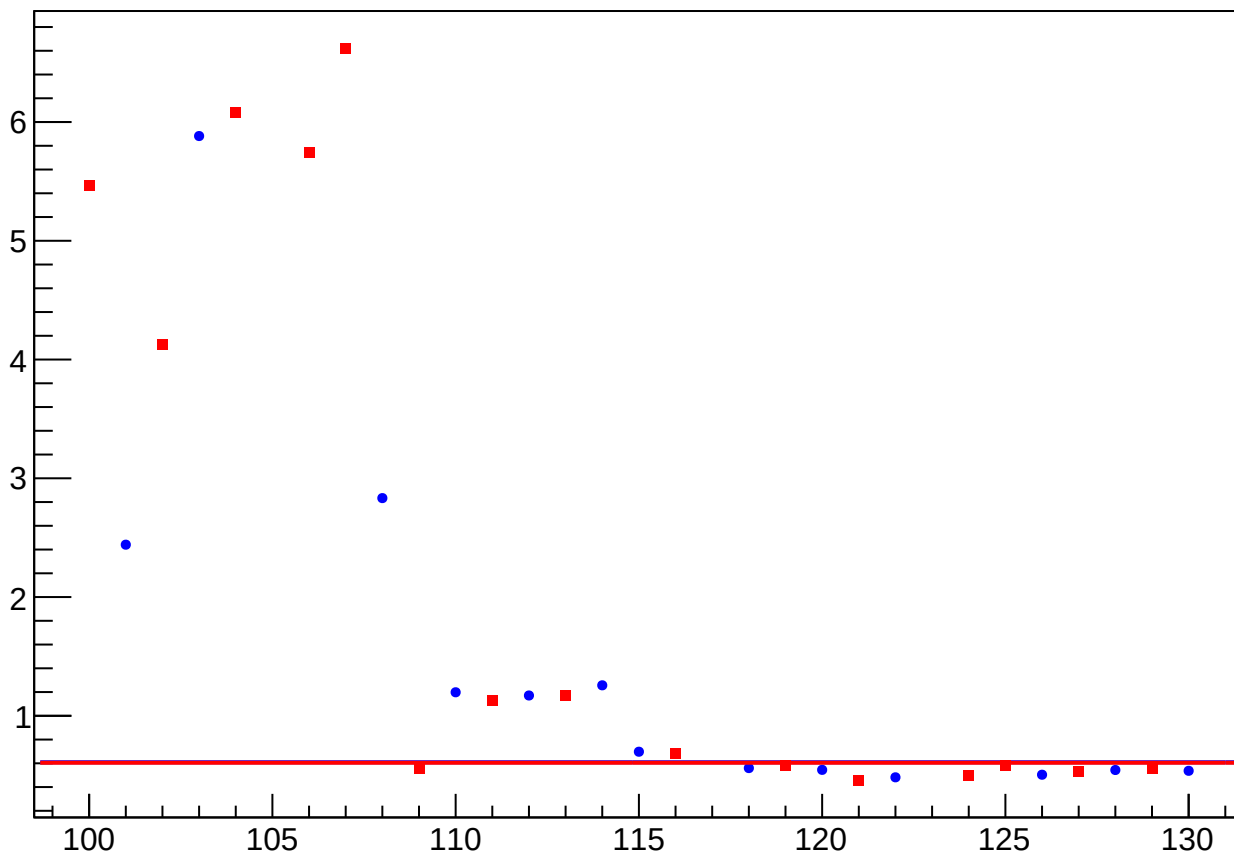
Right: -38.737+/-0.000 χ^2/NDF : 5878489358.6/27

In: -40.358+/-0.000 χ^2/NDF :3439894774.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -38.737+/-0.000 χ^2/NDF : 5878489358.6/27

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.609+/-0.000 χ^2/NDF : 2547896.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.605+/-0.000 χ^2/NDF : 2927777.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

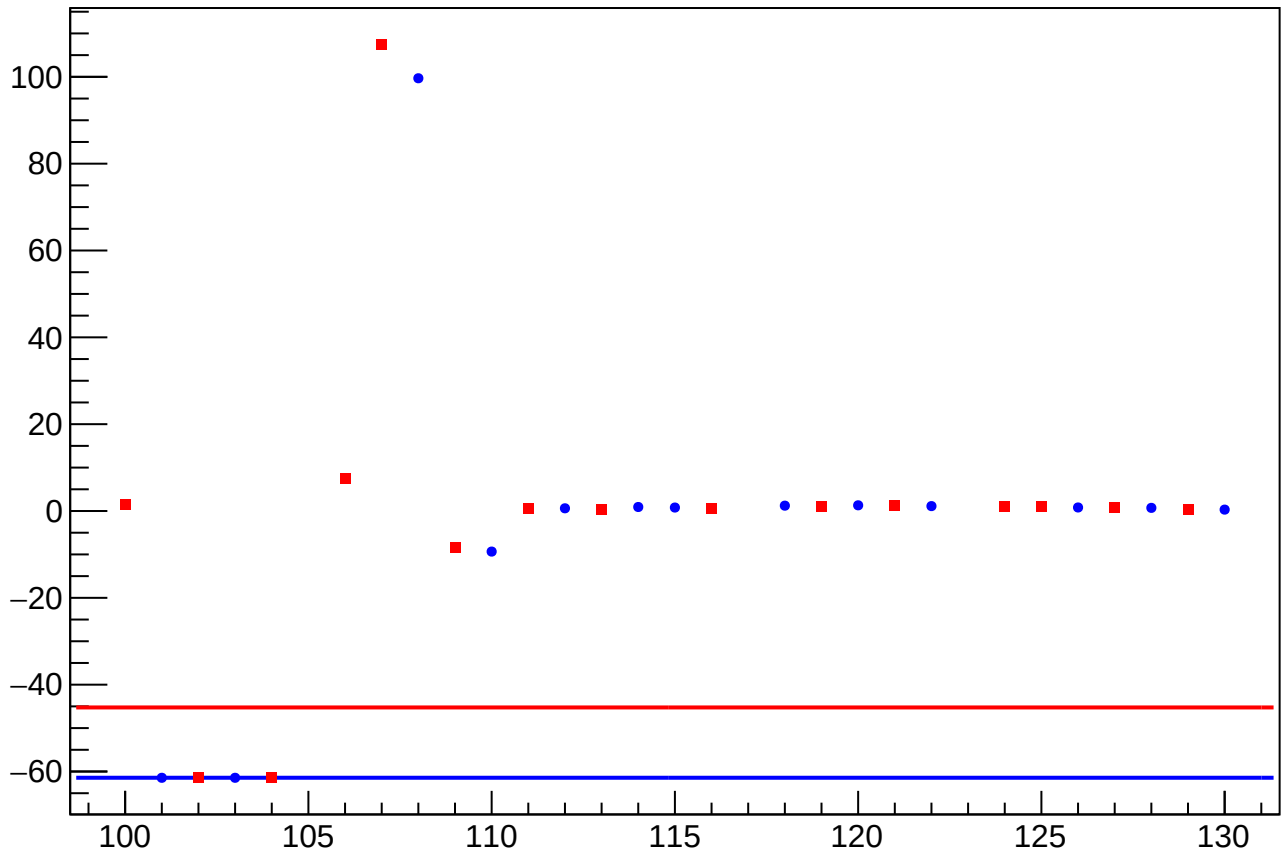
Right: 0.607+/-0.000 χ^2/NDF : 5475850.7/27

In: 0.609+/-0.000 χ^2/NDF : 2547896.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

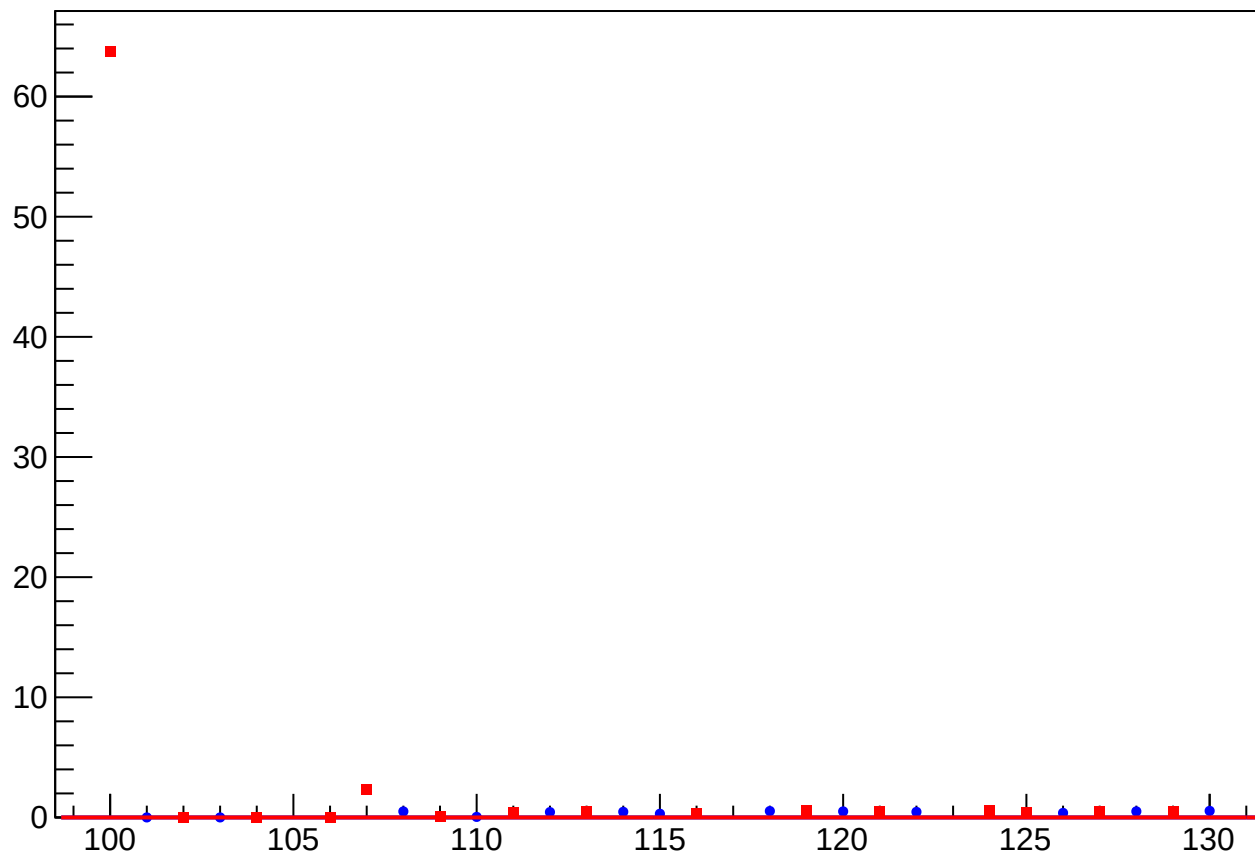
All: 0.607+/-0.000 χ^2/NDF : 5475850.7/27

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -61.437+/-0.000 χ^2/NDF : 240410958063.7/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -45.246+/-0.000 χ^2/NDF : 357857959809182.4/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -52.750+/-0.000 χ^2/NDF : 409080714108096

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 6593230.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 6878298.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

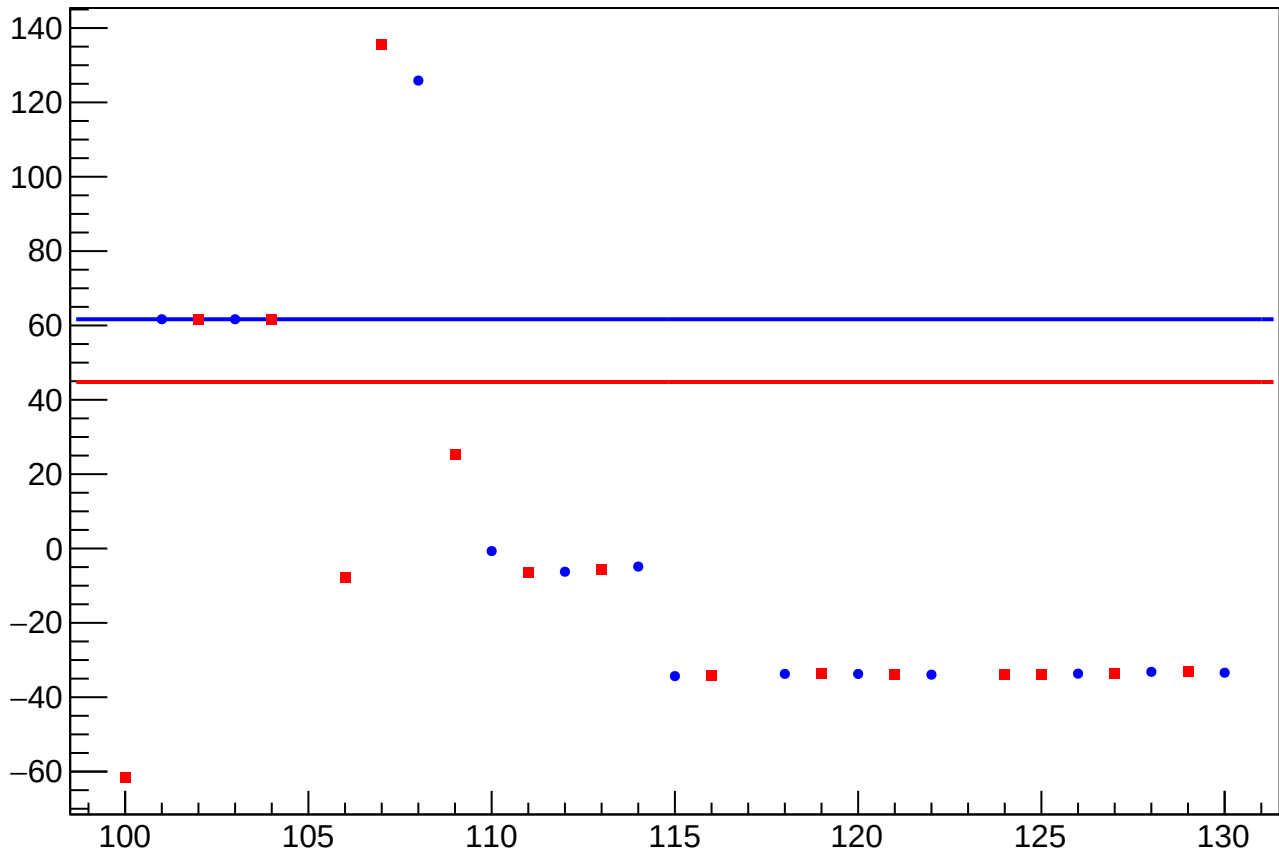
Right: 0.001+/-0.000 χ^2/NDF : 13471529.3/27

In: 0.001+/-0.000 χ^2/NDF : 6593230.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

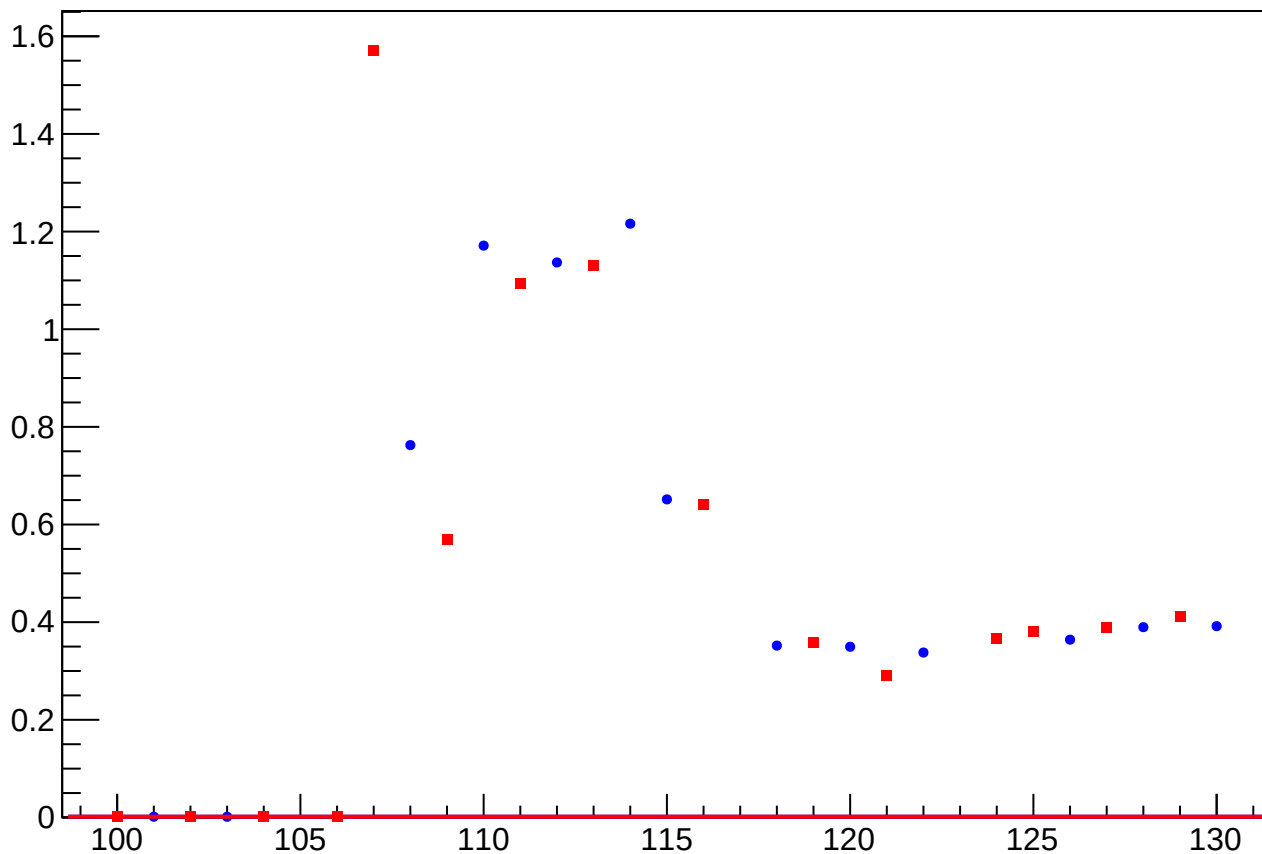
All: 0.001+/-0.000 χ^2/NDF : 13471529.3/27

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 61.668+/-0.000 χ^2/NDF : 188012723339.5/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 44.789+/-0.000 χ^2/NDF : 365986105062290.4/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 52.693+/-0.000 χ^2/NDF : 417287579443509.0

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 7954643.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 7679710.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

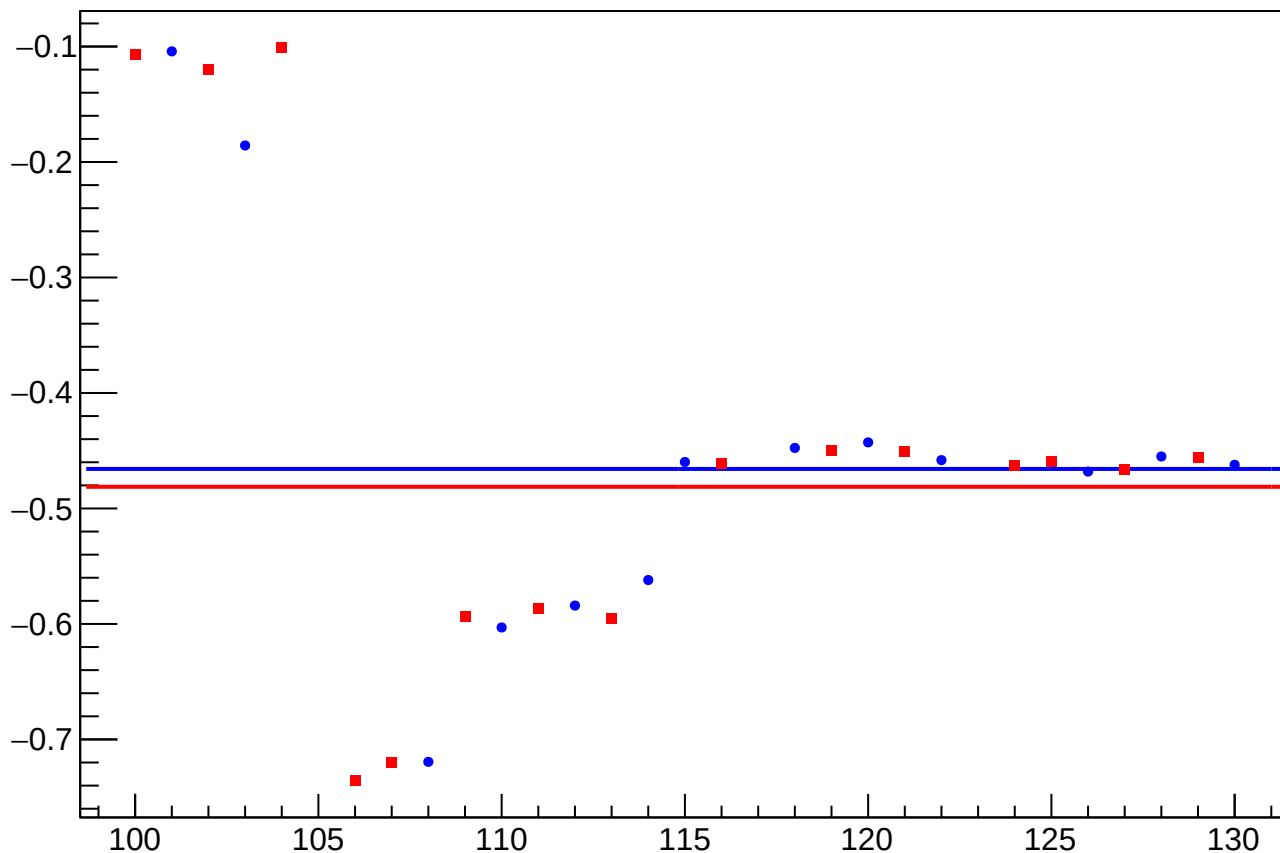
Right: 0.002+/-0.000 χ^2/NDF : 15634526.9/27

In: 0.002+/-0.000 χ^2/NDF : 7954643.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 15634526.9/27

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.466+/-0.000 χ^2/NDF : 106508958.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.481+/-0.000 χ^2/NDF : 101498151.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

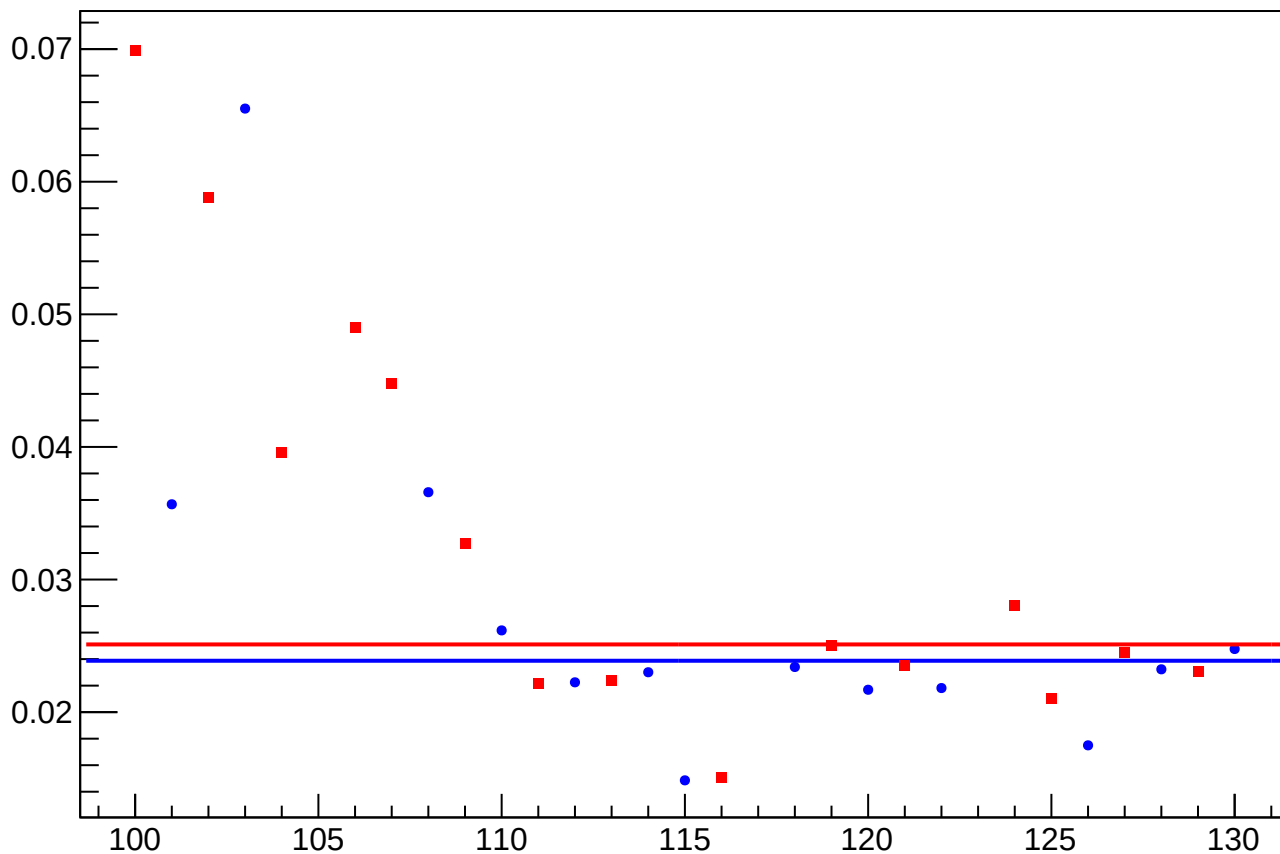
Right: -0.473+/-0.000 χ^2/NDF : 208872946.1/27

In: -0.466+/-0.000 χ^2/NDF :106508958.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.473+/-0.000 χ^2/NDF : 208872946.1/27

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.024+/-0.000 χ^2/NDF : 840034.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.025+/-0.000 χ^2/NDF : 1010114.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

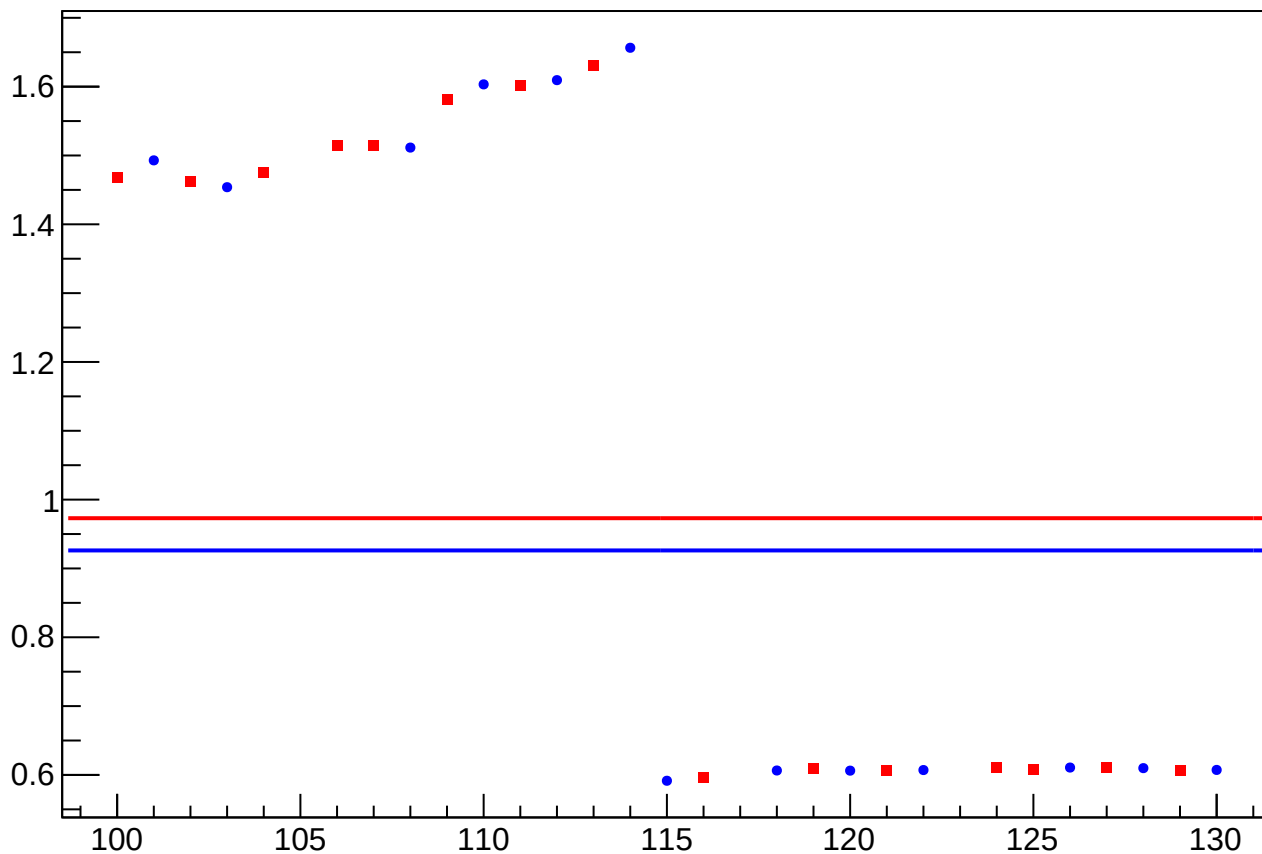
Right: 0.024+/-0.000 χ^2/NDF : 1861120.0/27

In: 0.024+/-0.000 χ^2/NDF :840034.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.024+/-0.000 χ^2/NDF : 1861120.0/27

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 0.926+/-0.000 χ^2/NDF : 3180997395.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.973+/-0.000 χ^2/NDF : 3537462315.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

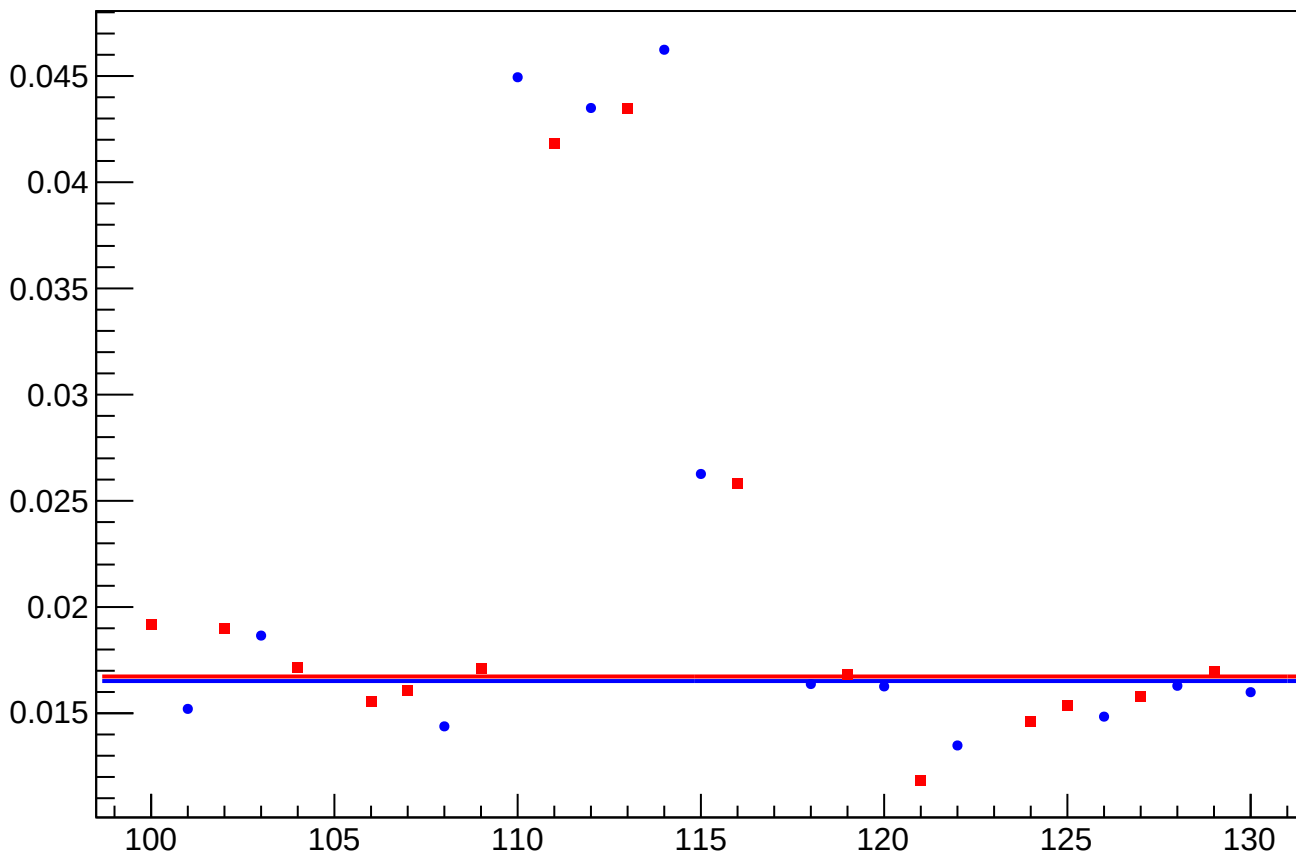
Right: 0.950+/-0.000 χ^2/NDF : 6737856098.7/27

In: 0.926+/-0.000 χ^2/NDF : 3180997395.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.950+/-0.000 χ^2/NDF : 6737856098.7/27

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 841239.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.017+/-0.000 χ^2/NDF : 886965.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

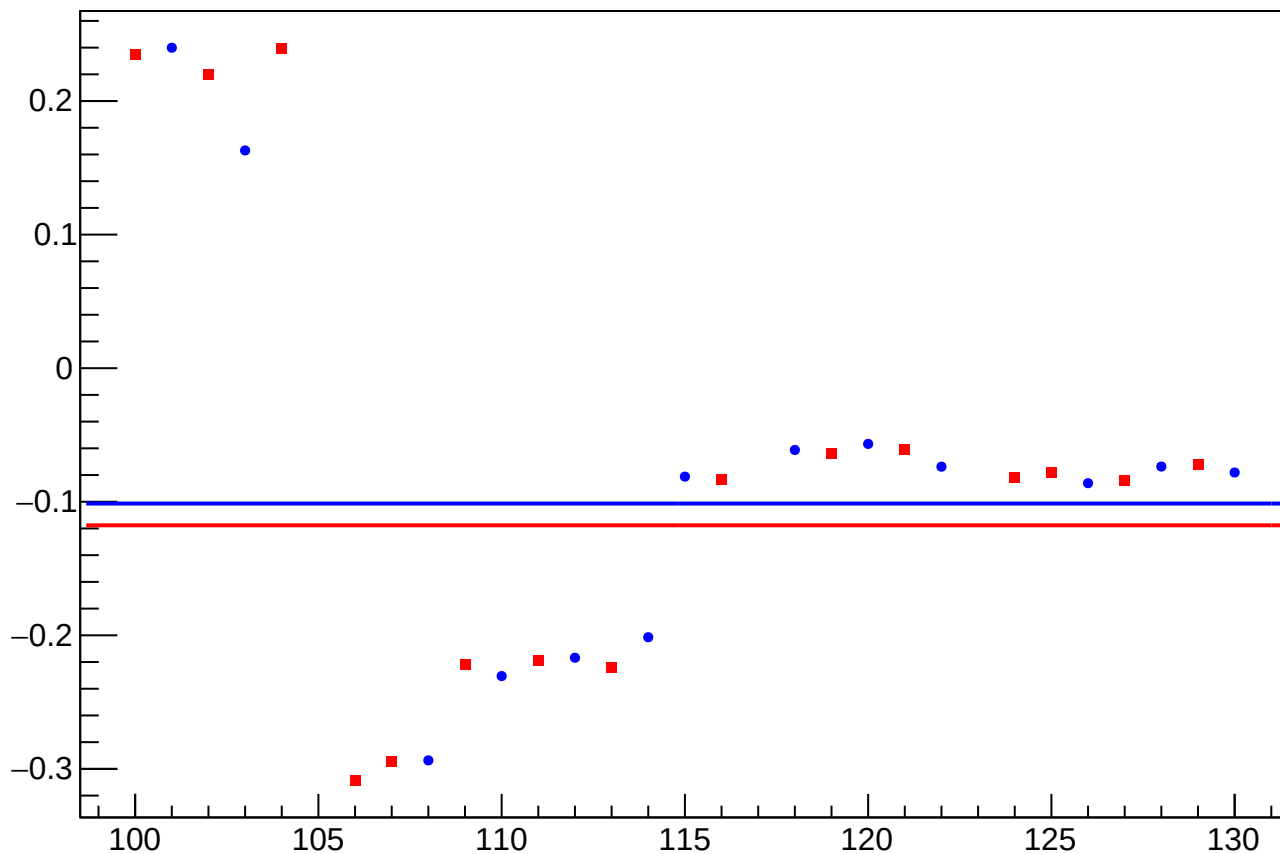
Right: 0.017+/-0.000 χ^2/NDF : 1729020.9/27

In: 0.017+/-0.000 χ^2/NDF :841239.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.017+/-0.000 χ^2/NDF : 1729020.9/27

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.101+/-0.000 χ^2/NDF : 106088906.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.118+/-0.000 χ^2/NDF : 108204652.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

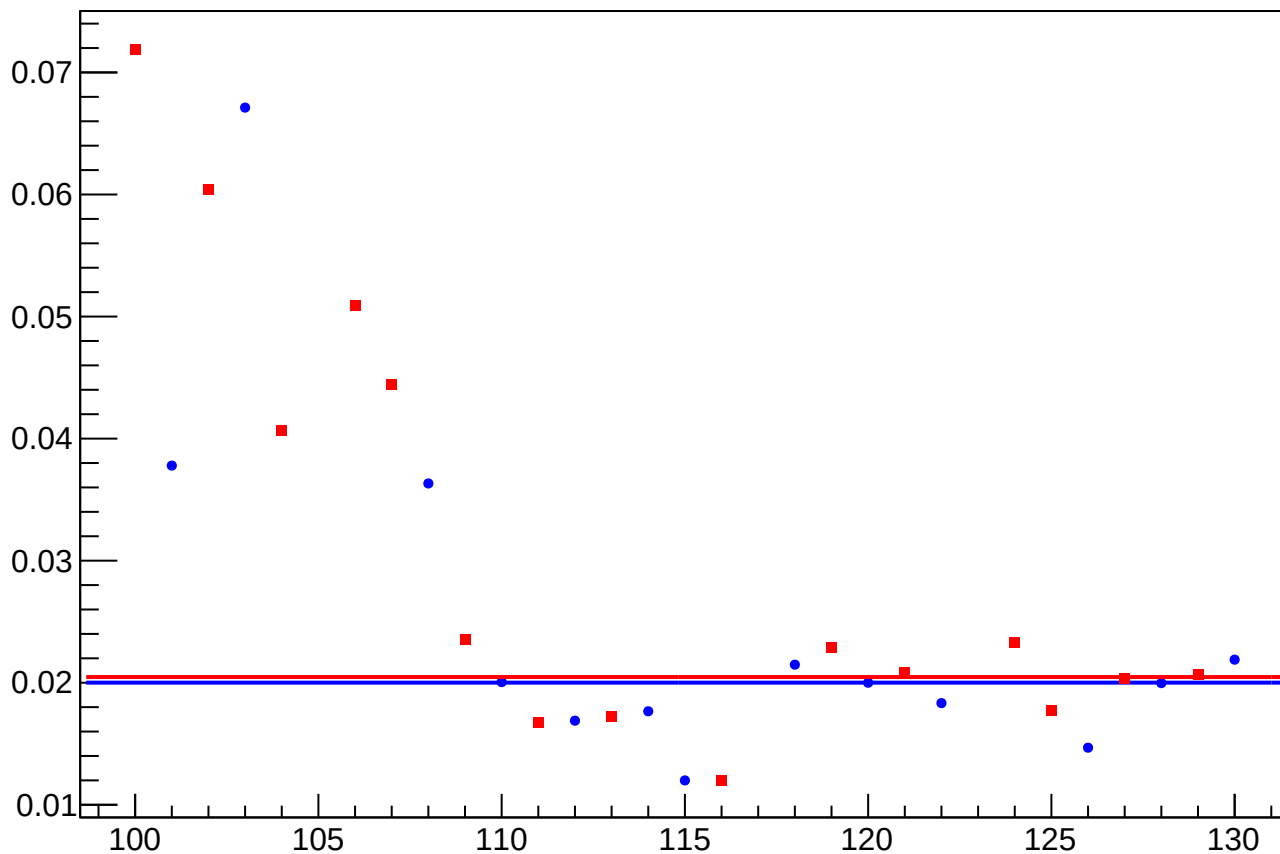
Right: -0.110+/-0.000 χ^2/NDF : 215652157.4/27

In: -0.101+/-0.000 χ^2/NDF :106088906.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.110+/-0.000 χ^2/NDF : 215652157.4/27

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 1163309.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.020+/-0.000 χ^2/NDF : 1368767.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

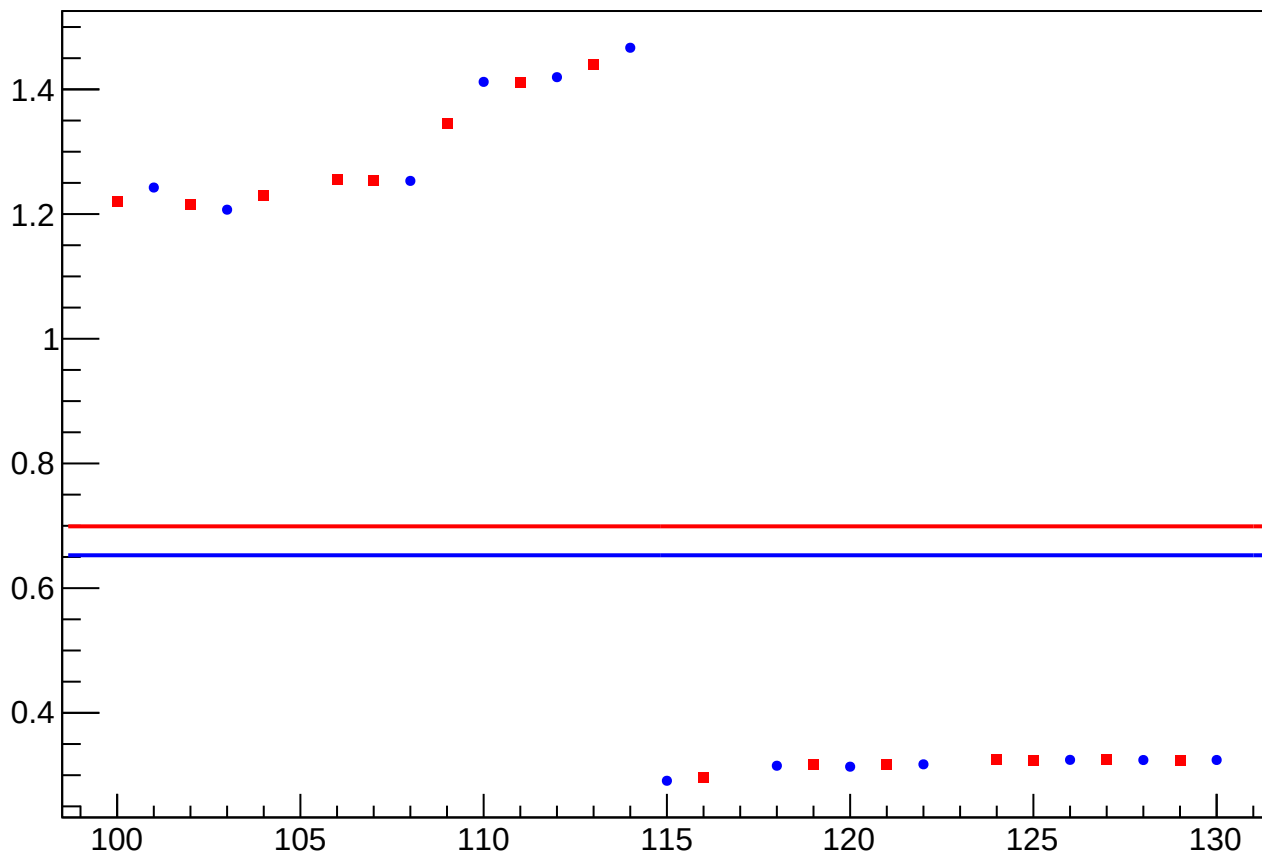
Right: 0.020+/-0.000 χ^2/NDF : 2534224.0/27

In: 0.020+/-0.000 χ^2/NDF : 1163309.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.000 χ^2/NDF : 2534224.0/27

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.653+/-0.000

χ^2/NDF : 5111610999.4/12

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.676+/-0.000 χ^2/NDF : 10487132886.3/27

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.653+/-0.000 χ^2/NDF : 5111610999.4/12

Right Out: 0.699+/-0.000

χ^2/NDF : 5348254819.3/14

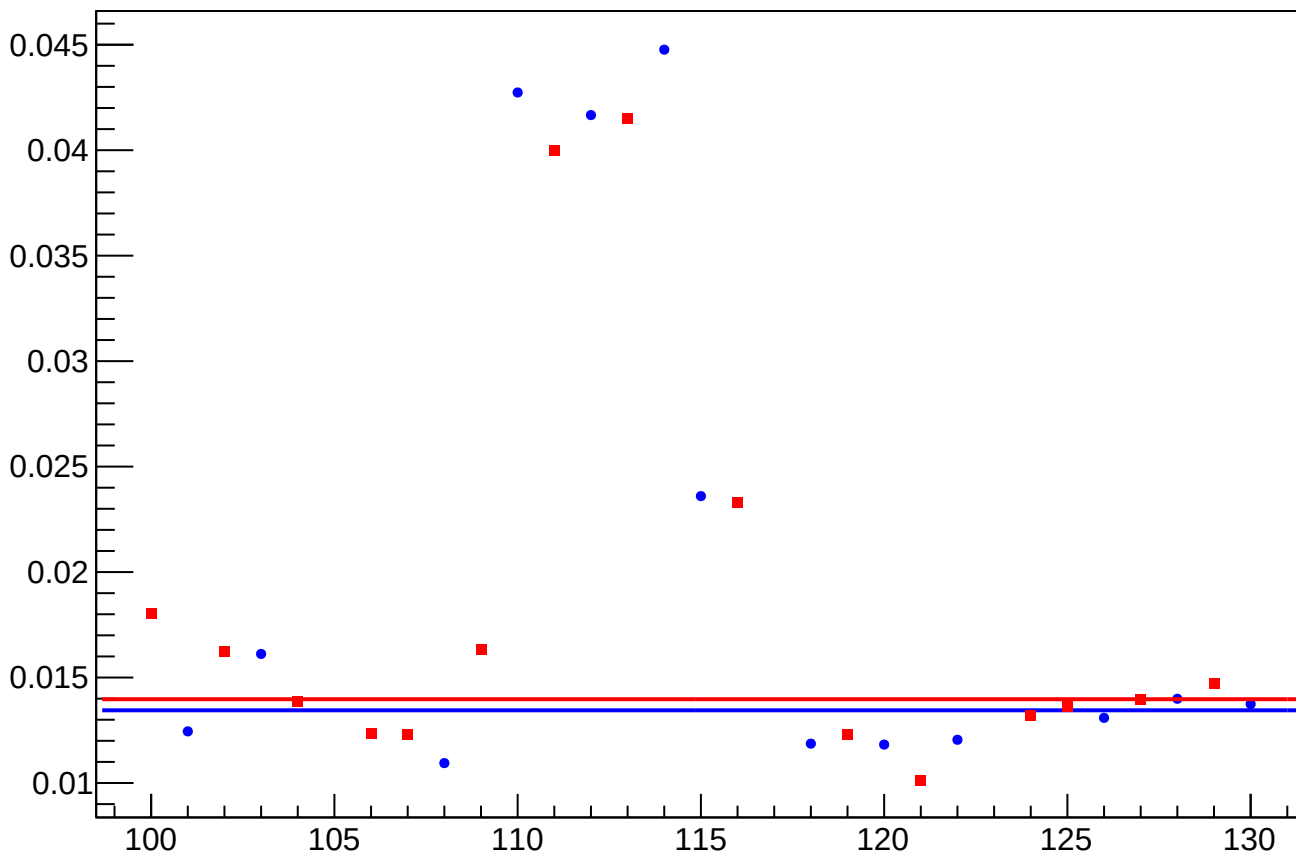
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.676+/-0.000 χ^2/NDF : 10487132886.3/27

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 1006475.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 1032976.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

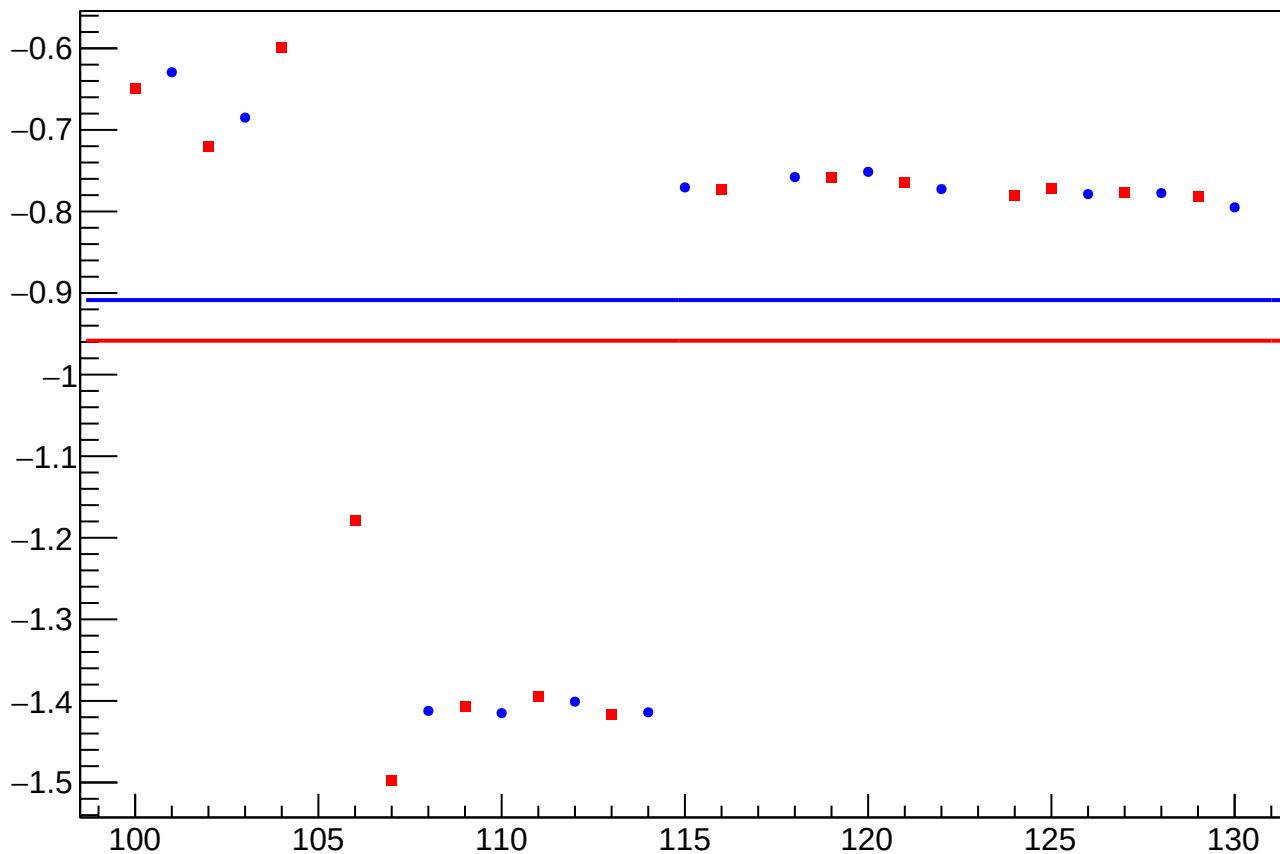
Right: 0.014+/-0.000 χ^2/NDF : 2046453.2/27

In: 0.013+/-0.000 χ^2/NDF :1006475.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.000 χ^2/NDF : 2046453.2/27

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -0.909 ± 0.000 $\chi^2/\text{NDF}: 586143077.8/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.958 ± 0.000 $\chi^2/\text{NDF}: 663743682.6/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

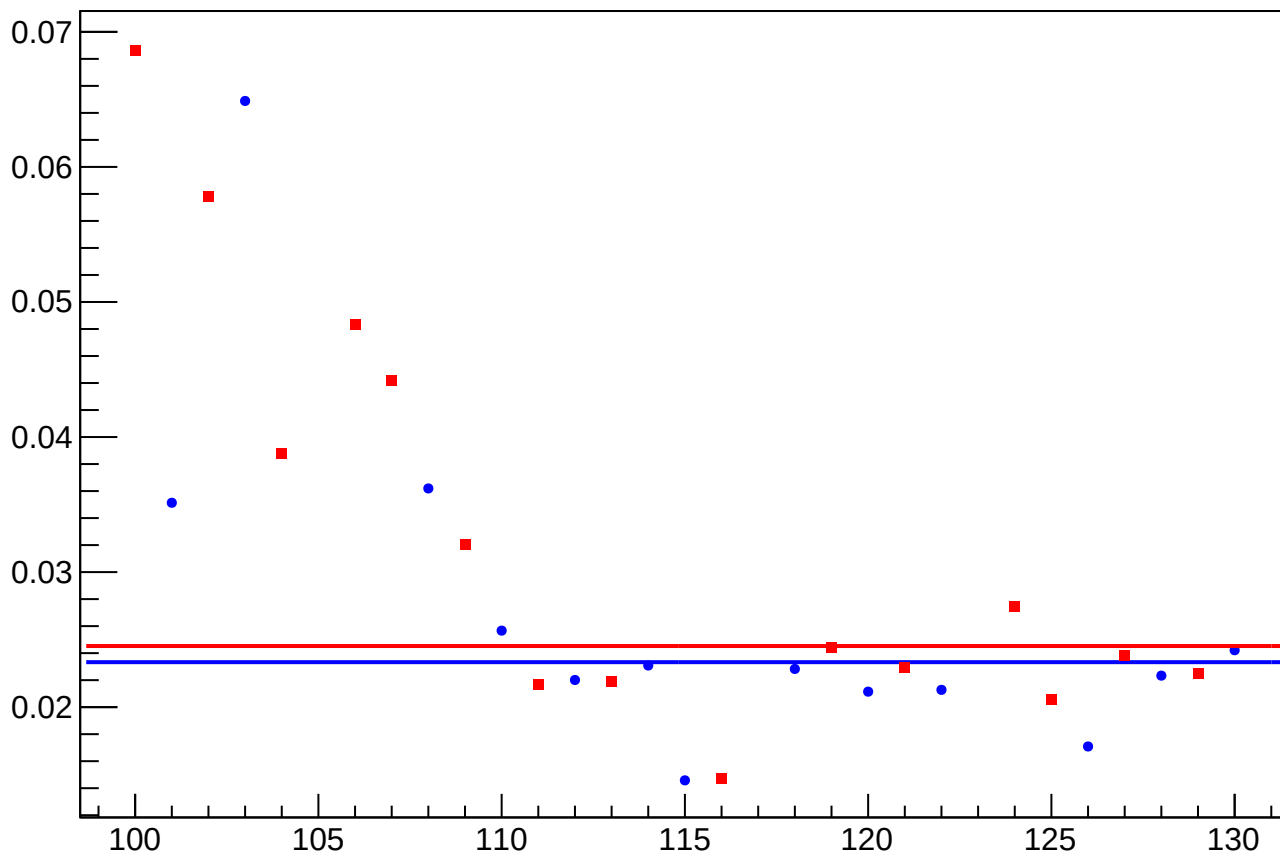
Right: -0.933 ± 0.000 $\chi^2/\text{NDF}: 1259276663.4/27$

In: -0.909 ± 0.000 $\chi^2/\text{NDF}: 586143077.8/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.933 ± 0.000 $\chi^2/\text{NDF}: 1259276663.4/27$

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 851284.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.025+/-0.000 χ^2/NDF : 1018675.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

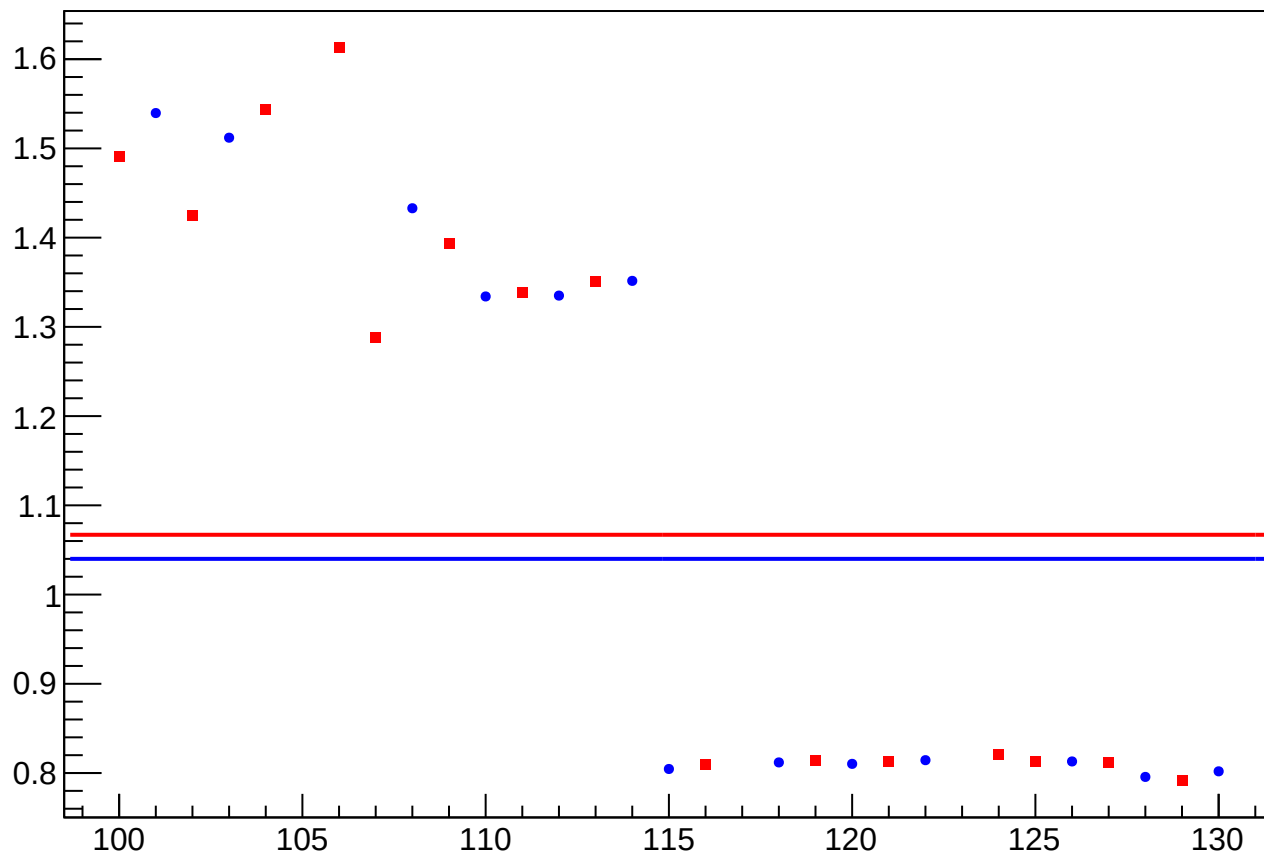
Right: 0.024+/-0.000 χ^2/NDF : 1880764.0/27

In: 0.023+/-0.000 χ^2/NDF :851284.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.024+/-0.000 χ^2/NDF : 1880764.0/27

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 1.040+/-0.000 χ^2/NDF : 1788540469.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.067+/-0.000 χ^2/NDF : 1843372212.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

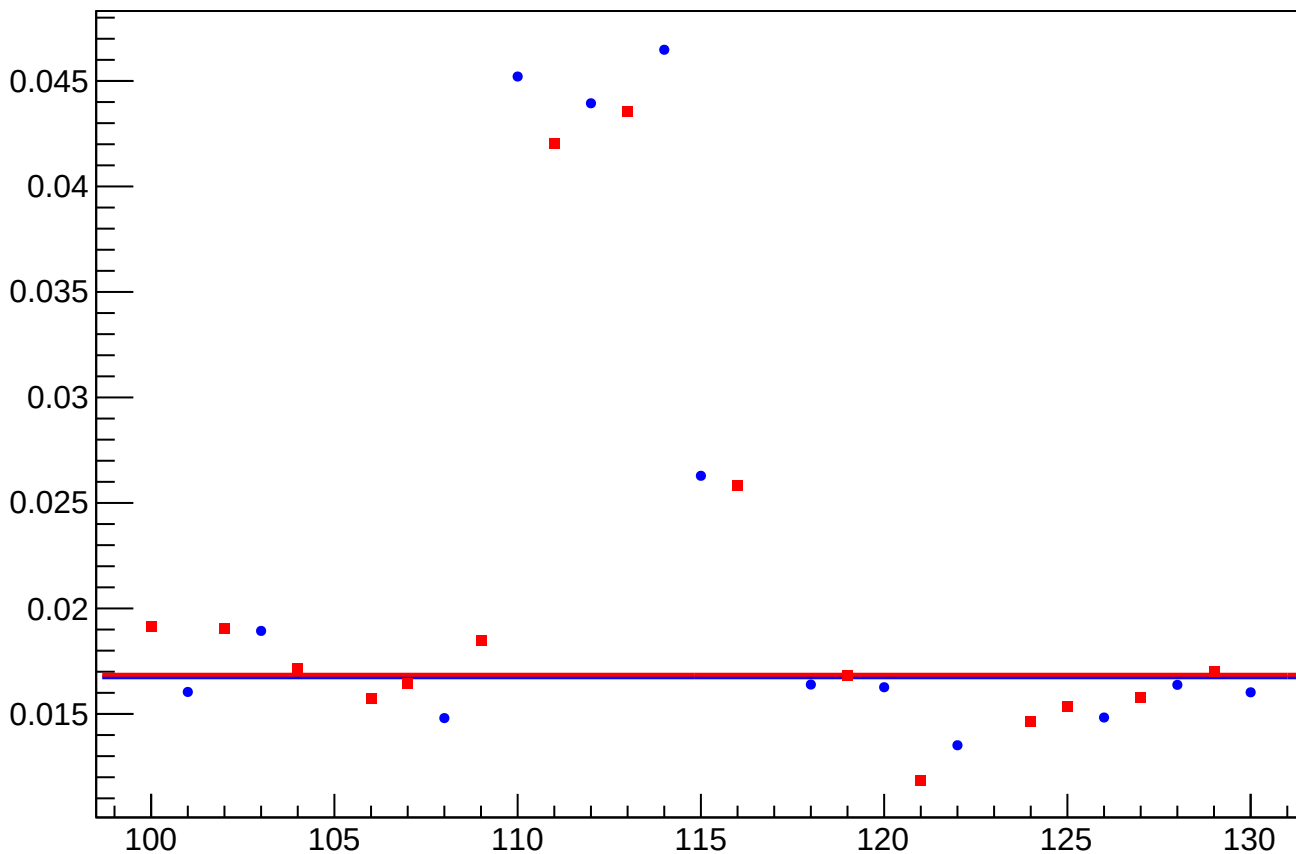
Right: 1.054+/-0.000 χ^2/NDF : 3638201396.5/27

In: 1.040+/-0.000 χ^2/NDF : 1788540469.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.054+/-0.000 χ^2/NDF : 3638201396.5/27

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 835084.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.017+/-0.000 χ^2/NDF : 893616.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

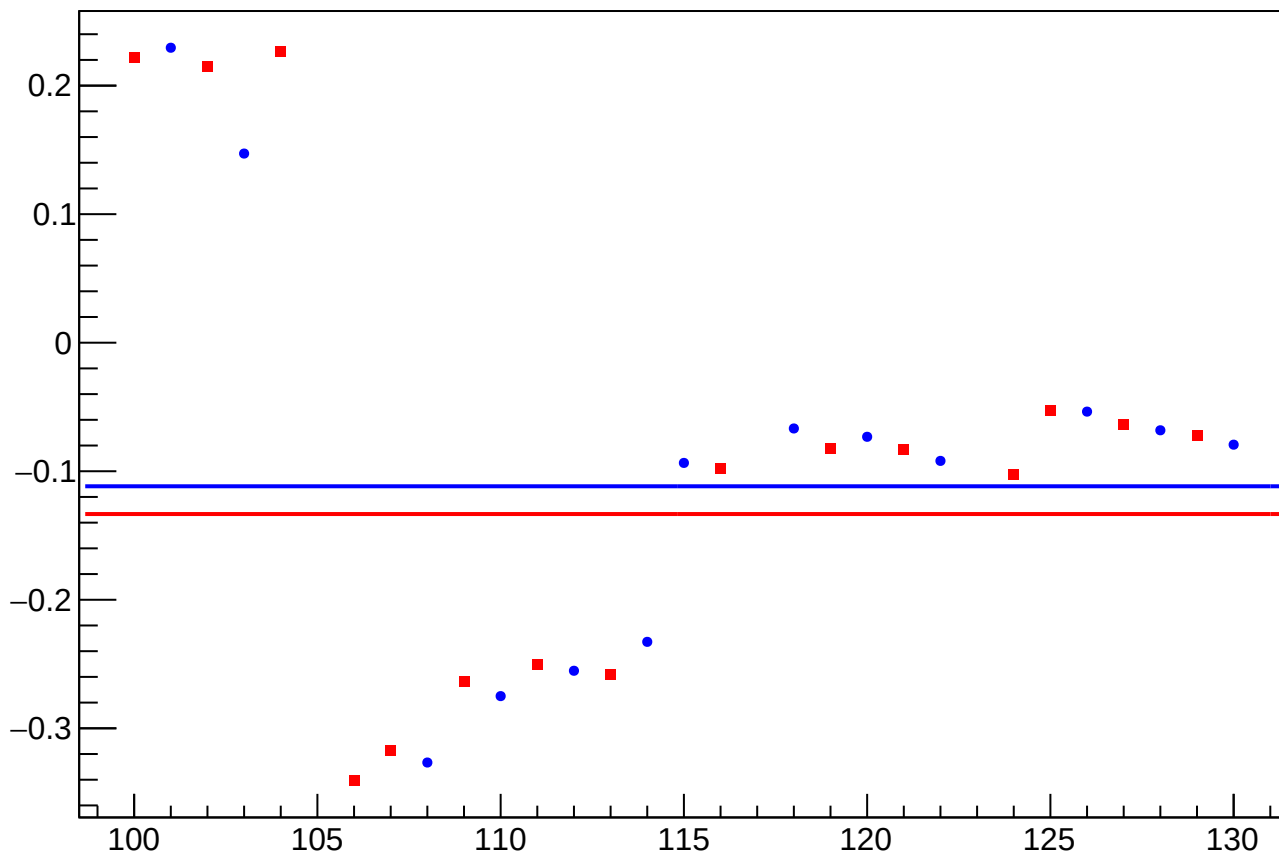
Right: 0.017+/-0.000 χ^2/NDF : 1728952.4/27

In: 0.017+/-0.000 χ^2/NDF :835084.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.017+/-0.000 χ^2/NDF : 1728952.4/27

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.112+/-0.000 χ^2/NDF : 130687941.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.133+/-0.000 χ^2/NDF : 130641145.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

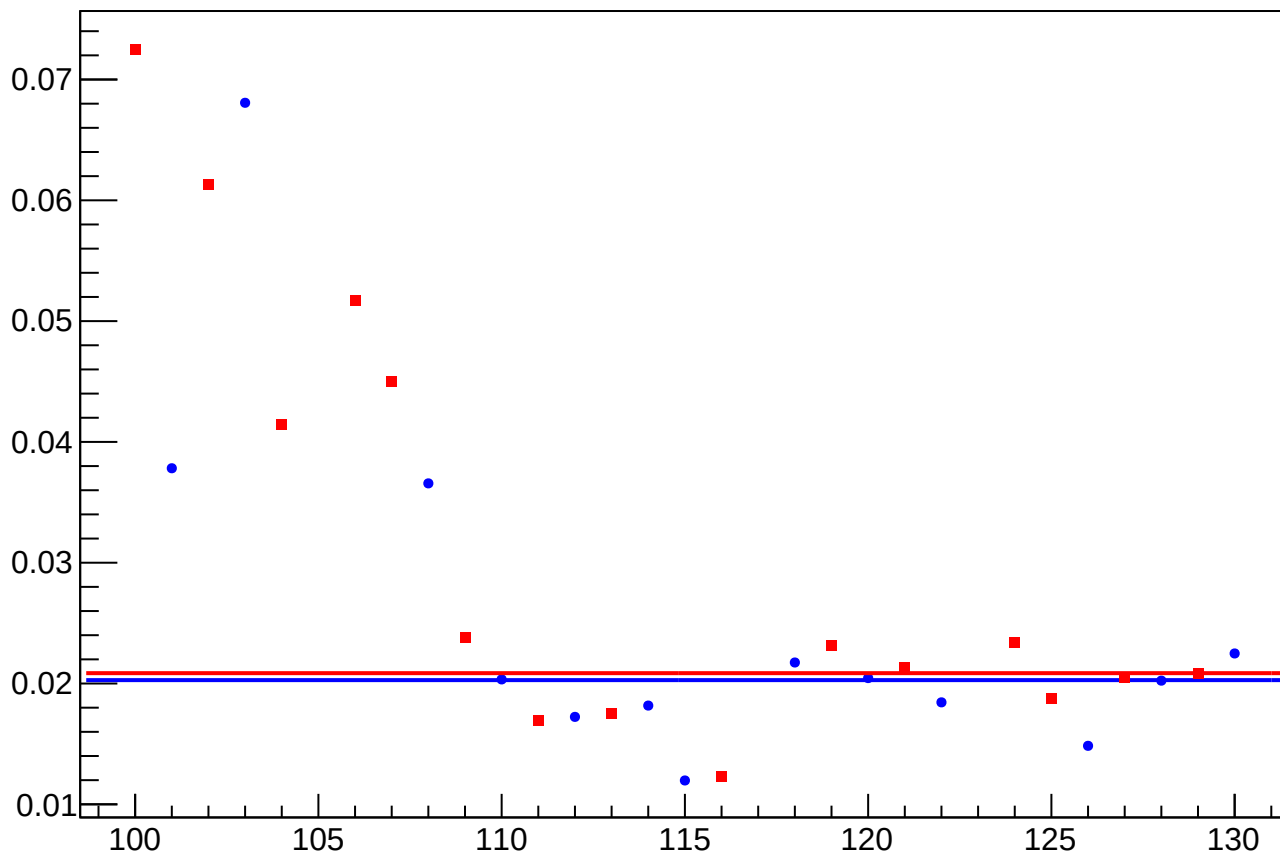
Right: -0.122+/-0.000 χ^2/NDF : 263638583.6/27

In: -0.112+/-0.000 χ^2/NDF :130687941.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.122+/-0.000 χ^2/NDF : 263638583.6/27

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 1157688.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-0.000 χ^2/NDF : 1353843.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

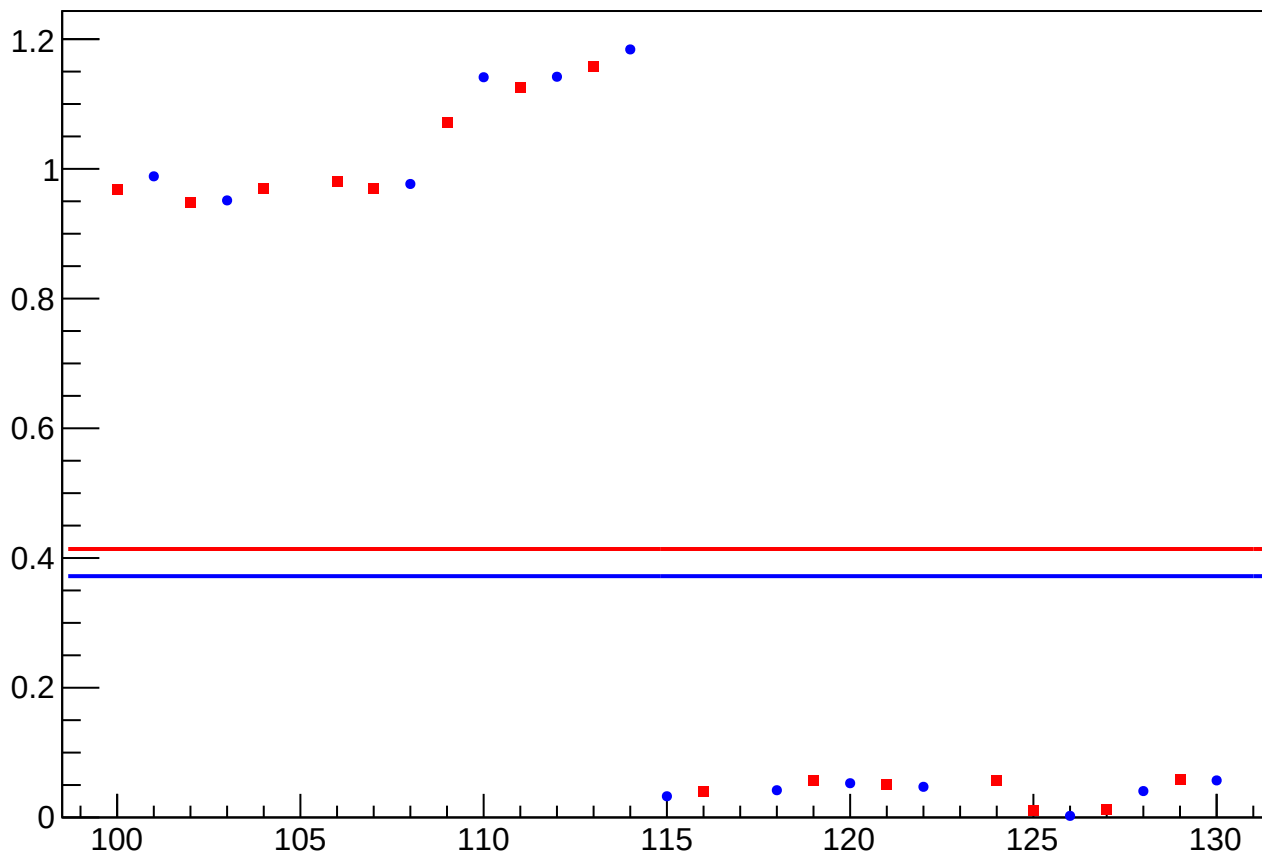
Right: 0.021+/-0.000 χ^2/NDF : 2514825.2/27

In: 0.020+/-0.000 χ^2/NDF : 1157688.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.021+/-0.000 χ^2/NDF : 2514825.2/27

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.372+/-0.000

χ^2/NDF : 5334343198.7/12

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.393+/-0.000 χ^2/NDF : 10821941918.9/27

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.372+/-0.000 χ^2/NDF : 5334343198.7/12

Right Out: 0.414+/-0.000 χ^2/NDF : 5464988438.7/14

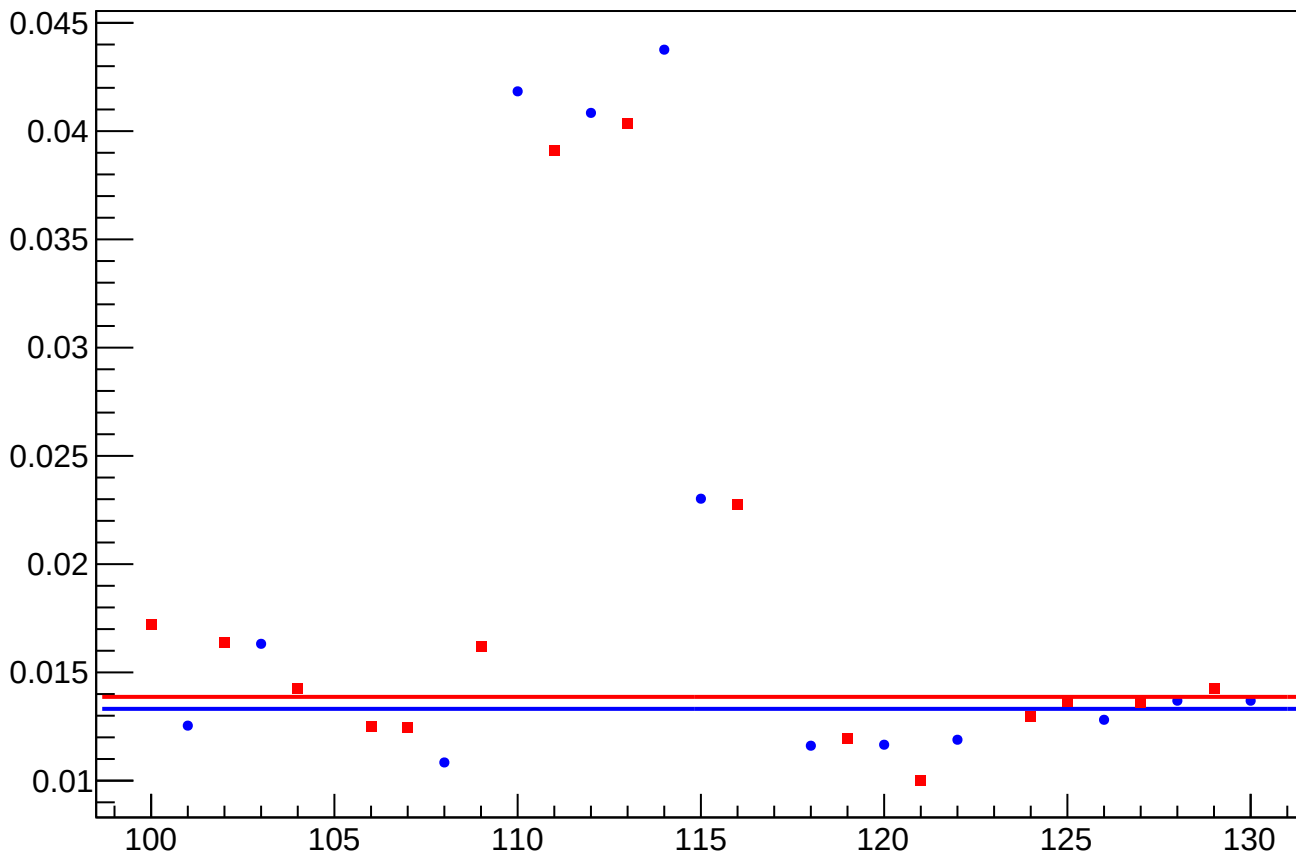
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.393+/-0.000 χ^2/NDF : 10821941918.9/27

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000

χ^2/NDF : 1006649.2/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000

χ^2/NDF : 1024760.1/14

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.014+/-0.000

χ^2/NDF : 2039309.1/27

In: 0.013+/-0.000

χ^2/NDF : 1006649.2/12

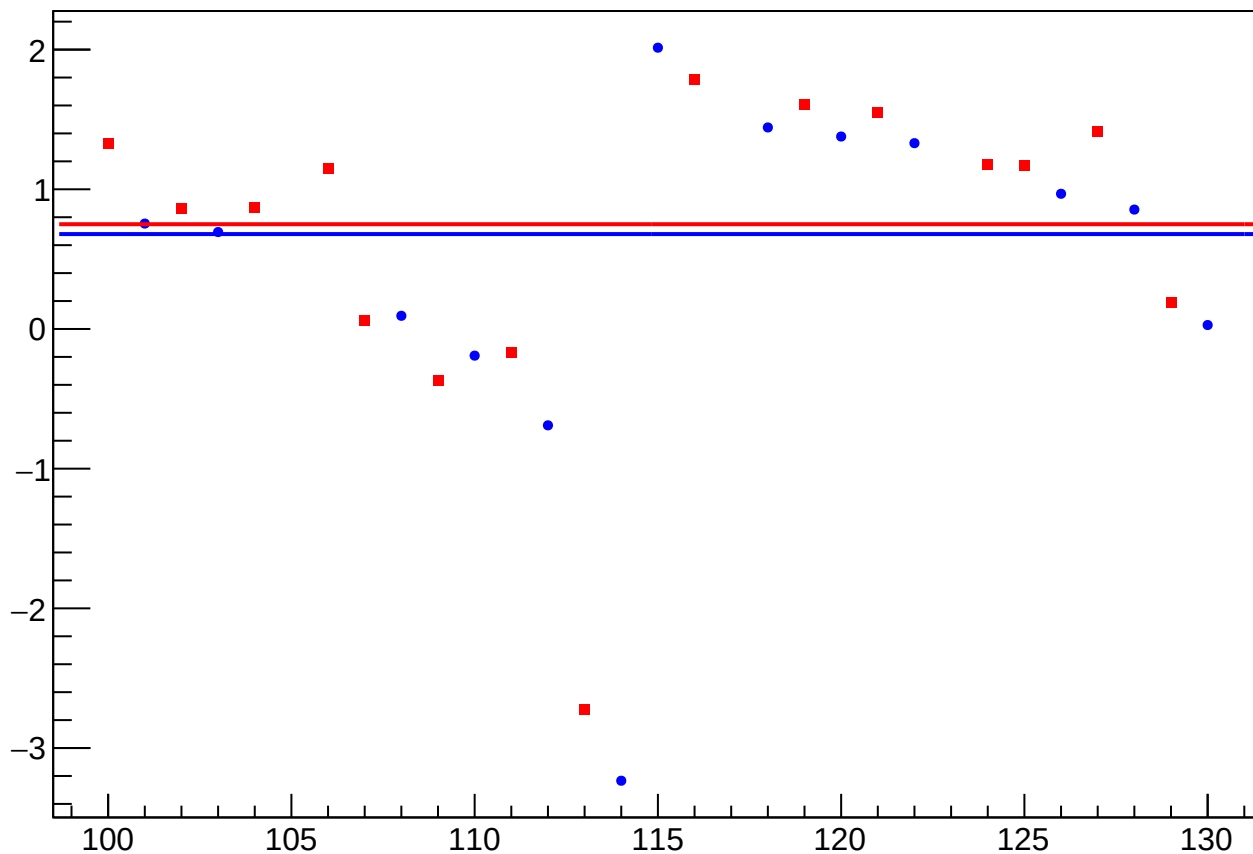
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.014+/-0.000

χ^2/NDF : 2039309.1/27

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.679+/-0.000

χ^2/NDF : 400025806.3/12

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.711+/-0.000

χ^2/NDF : 1445649954.8/27

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.679+/-0.000

χ^2/NDF : 400025806.3/12

Right Out: 0.750+/-0.000

χ^2/NDF : 1042127880.7/14

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

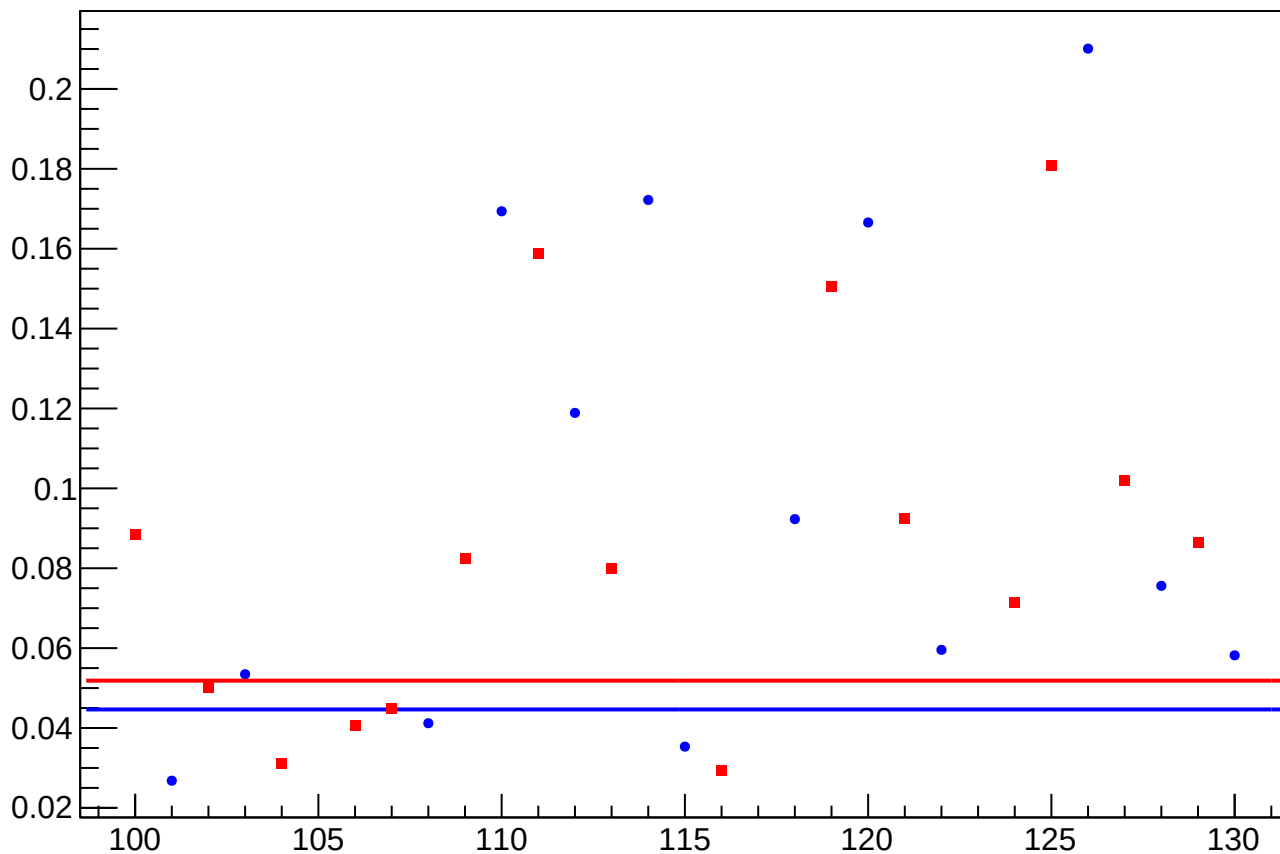
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.711+/-0.000

χ^2/NDF : 1445649954.8/27

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.045+/-0.000 χ^2/NDF : 2562133.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.052+/-0.000 χ^2/NDF : 2276333.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

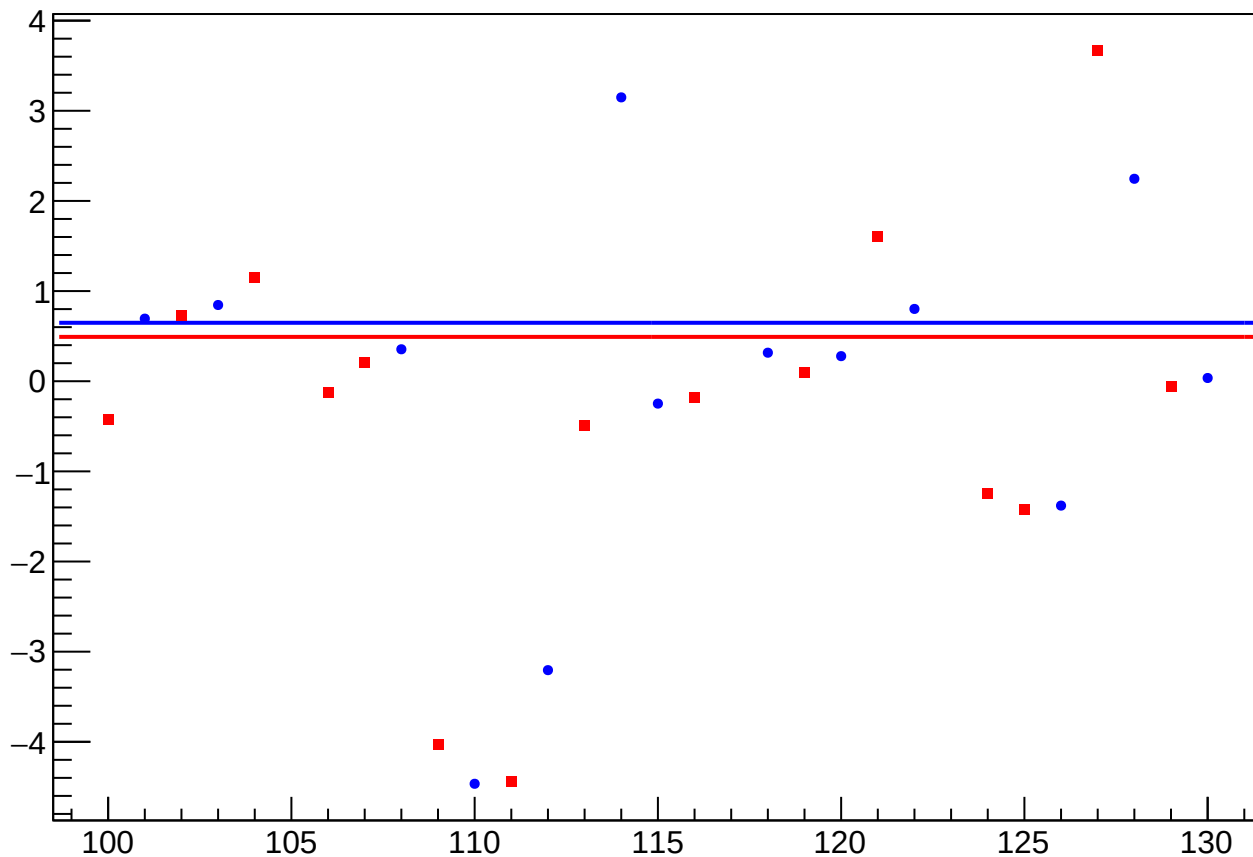
Right: 0.048+/-0.000 χ^2/NDF : 4911374.7/27

In: 0.045+/-0.000 χ^2/NDF :2562133.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.048+/-0.000 χ^2/NDF : 4911374.7/27

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.648+/-0.000

χ^2/NDF : 1746563132.1/12

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.572+/-0.000

χ^2/NDF : 6243882798.0/27

Right Out: 0.492+/-0.000

χ^2/NDF : 4453923254.8/14

In: 0.648+/-0.000

χ^2/NDF : 1746563132.1/12

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

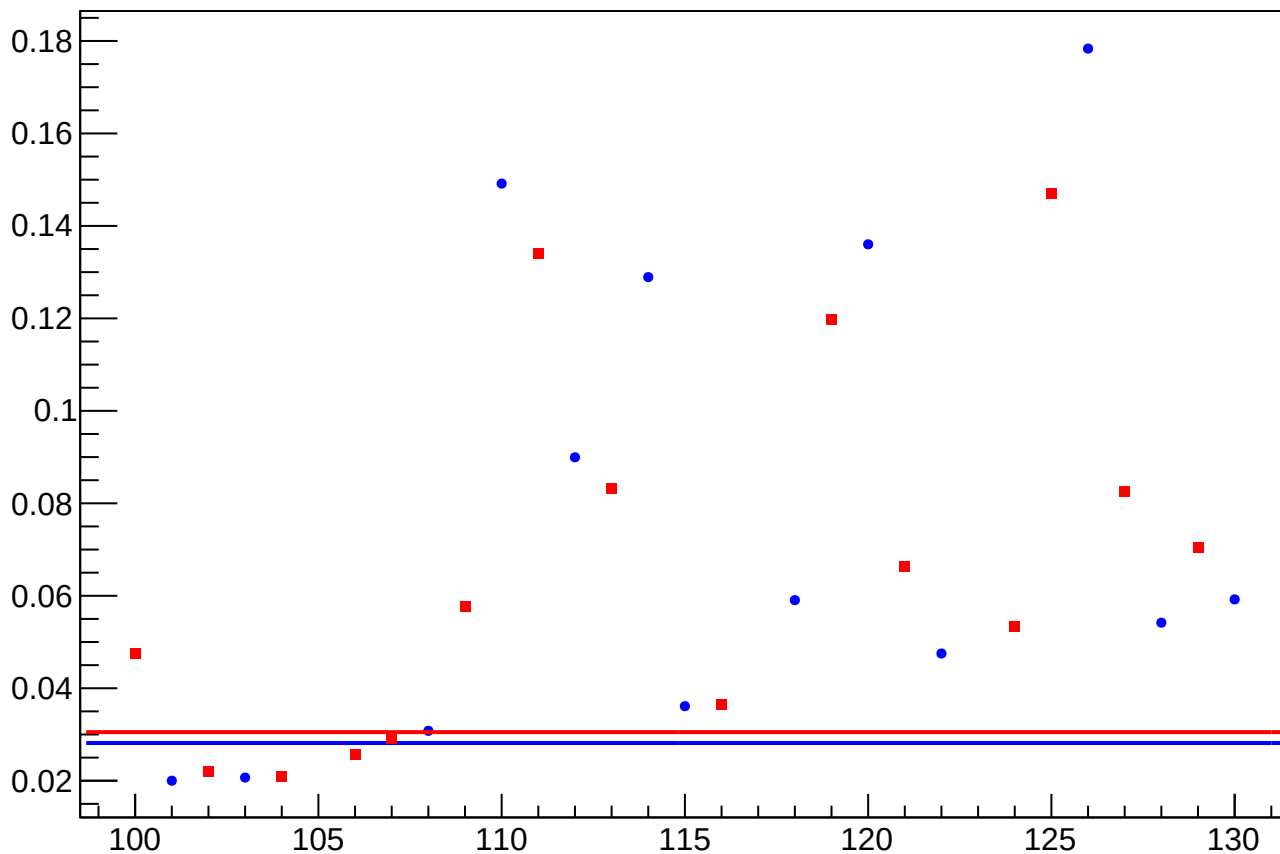
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.572+/-0.000

χ^2/NDF : 6243882798.0/27

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.028+/-0.000 χ^2/NDF : 2879792.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.031+/-0.000 χ^2/NDF : 3018116.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

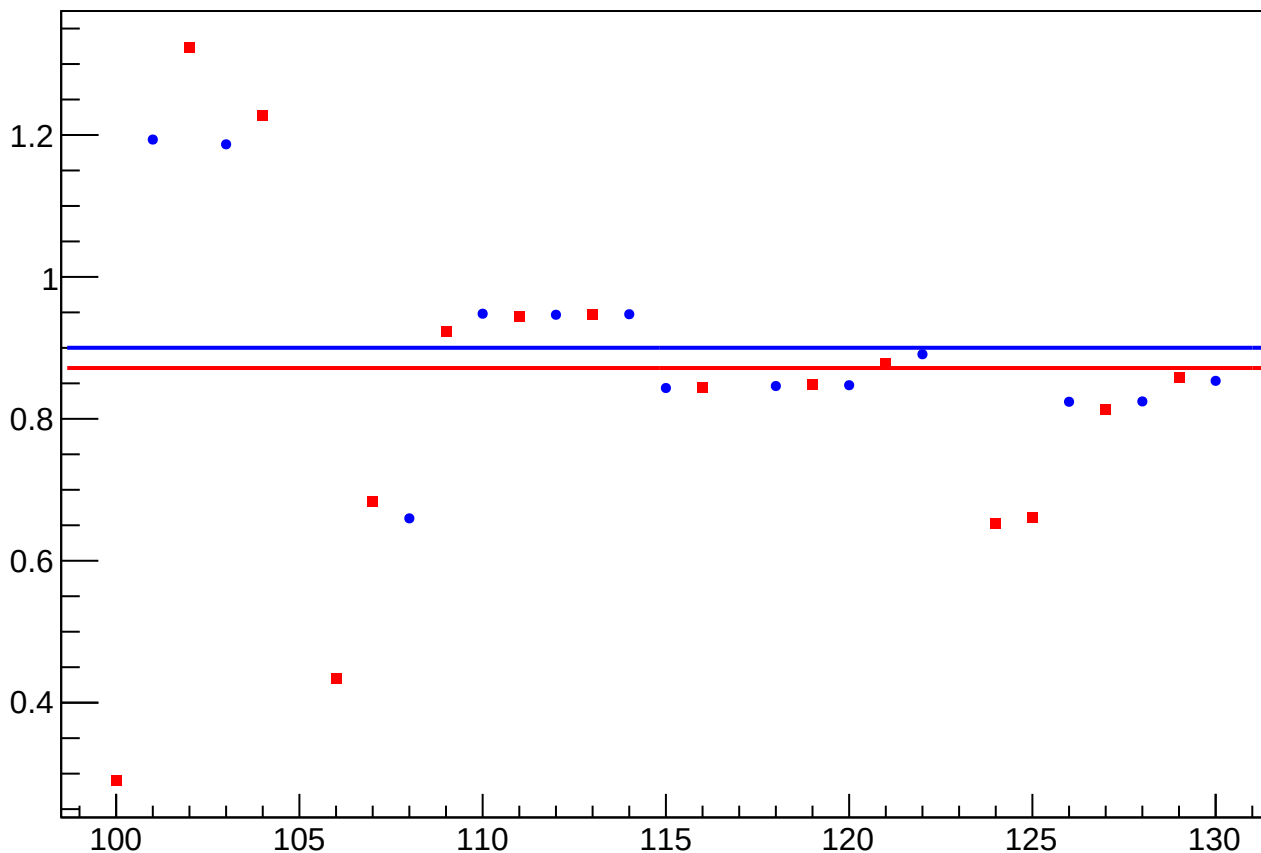
Right: 0.029+/-0.000 χ^2/NDF : 5917600.9/27

In: 0.028+/-0.000 χ^2/NDF :2879792.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.029+/-0.000 χ^2/NDF : 5917600.9/27

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.900+/-0.000 χ^2/NDF : 341303283.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.872+/-0.000 χ^2/NDF : 602294636.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

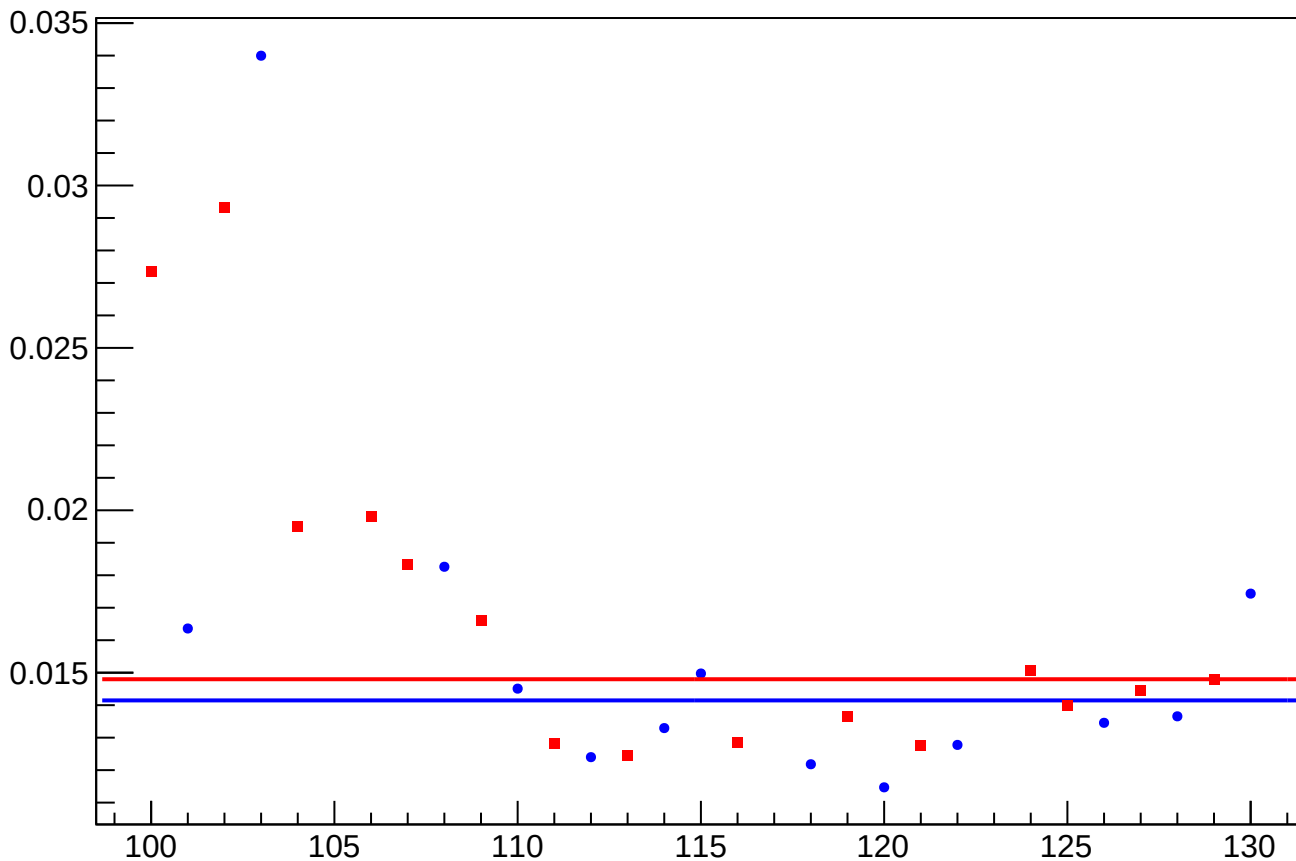
Right: 0.886+/-0.000 χ^2/NDF : 953001844.4/27

In: 0.900+/-0.000 χ^2/NDF :341303283.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.886+/-0.000 χ^2/NDF : 953001844.4/27

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 566001.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 502522.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

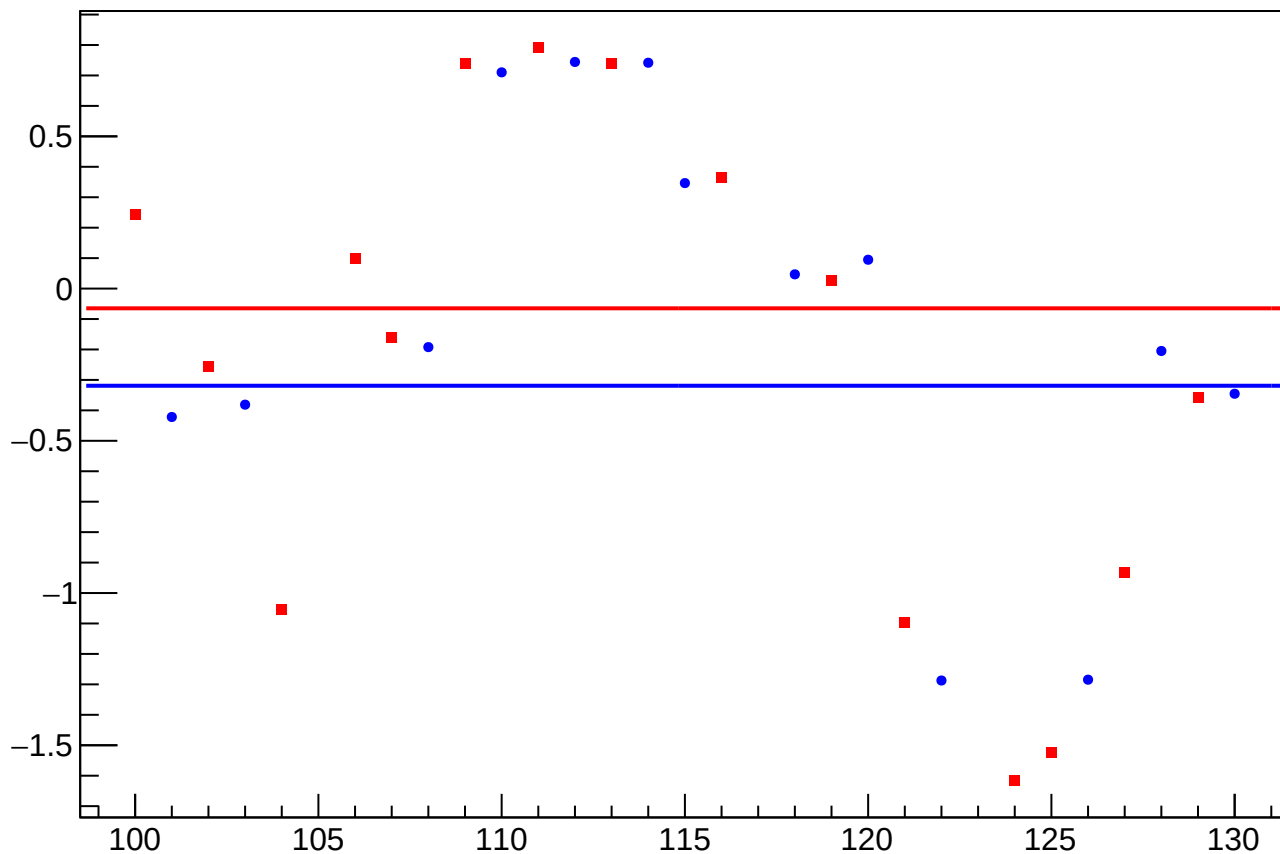
Right: 0.014+/-0.000 χ^2/NDF : 1078345.3/27

In: 0.014+/-0.000 χ^2/NDF :566001.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.000 χ^2/NDF : 1078345.3/27

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.319+/-0.000 χ^2/NDF : 5442093621.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.065+/-0.000 χ^2/NDF : 14521060743.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

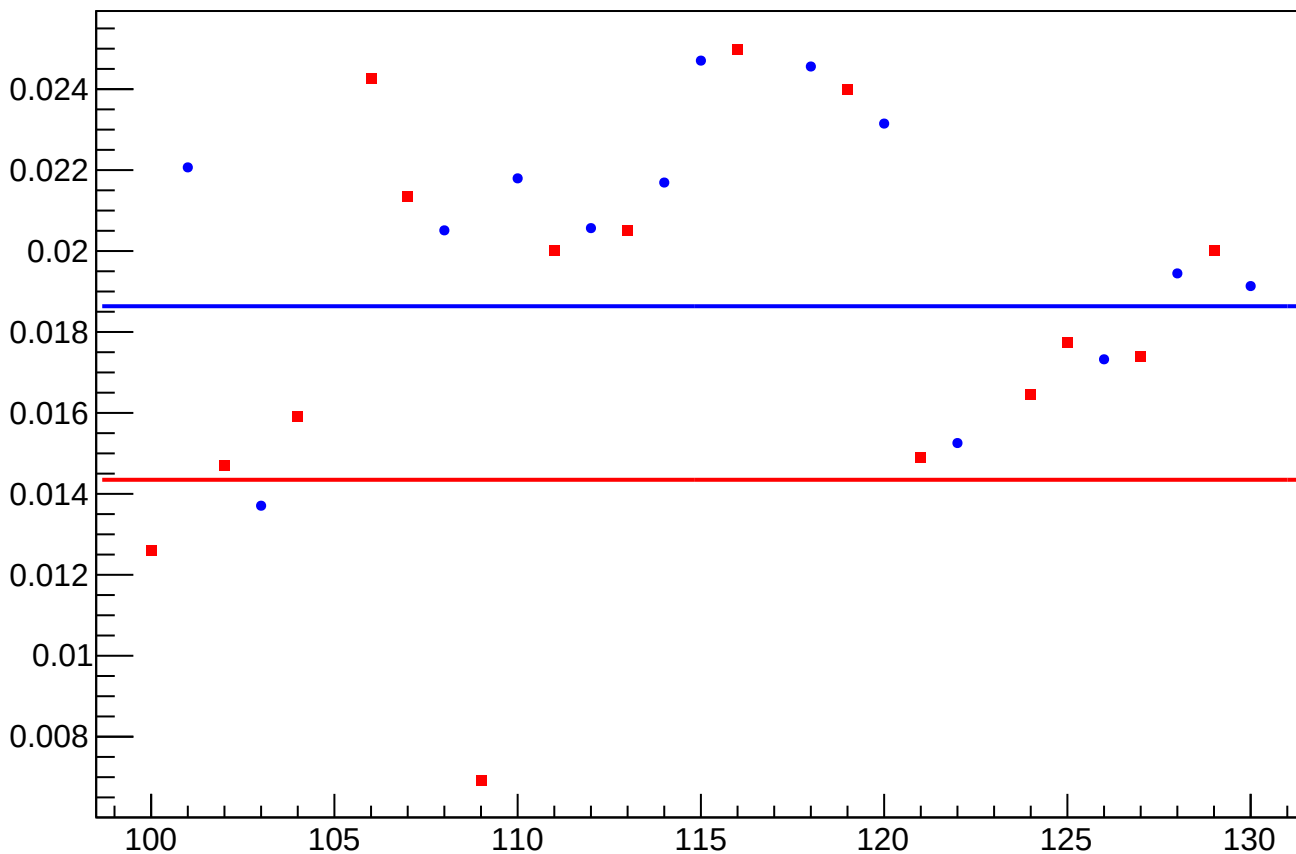
Right: -0.164+/-0.000 χ^2/NDF : 20519994724.6/27

In: -0.319+/-0.000 χ^2/NDF :5442093621.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.164+/-0.000 χ^2/NDF : 20519994724.6/27

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.019+/-0.000 χ^2/NDF : 349984.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 1460136.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

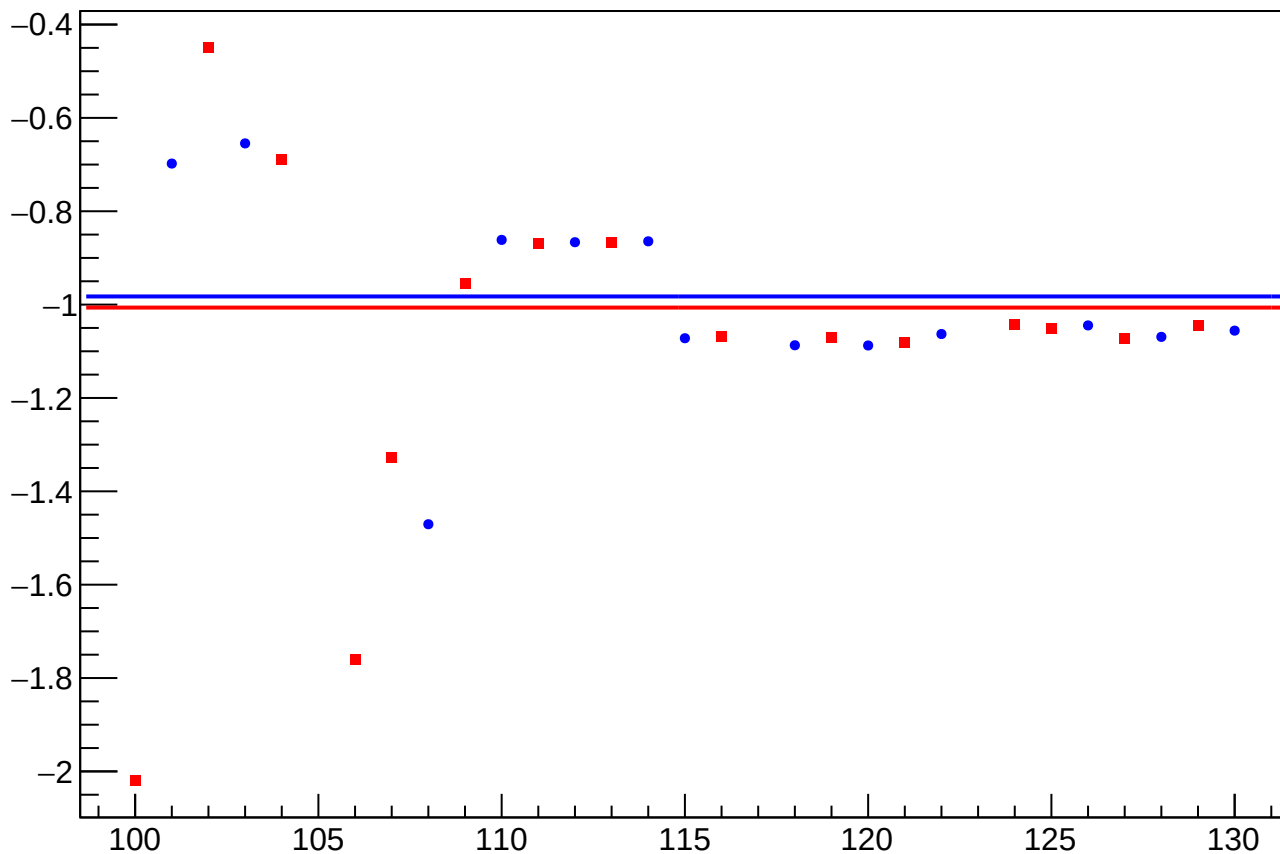
Right: 0.016+/-0.000 χ^2/NDF : 2126771.7/27

In: 0.019+/-0.000 χ^2/NDF :349984.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.016+/-0.000 χ^2/NDF : 2126771.7/27

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.983+/-0.000 χ^2/NDF : 134949676.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.006+/-0.000 χ^2/NDF : 238858653.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

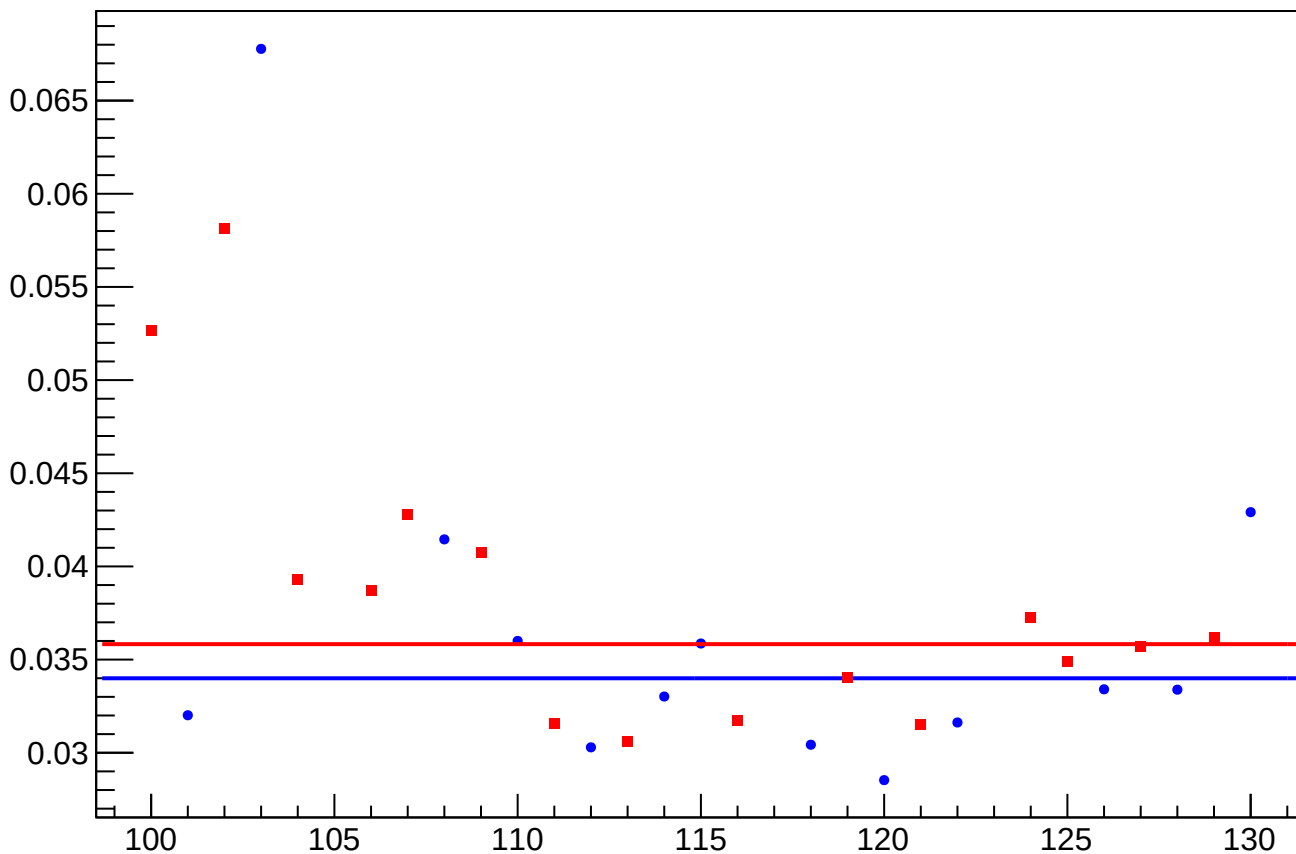
Right: -0.994+/-0.000 χ^2/NDF : 374949907.9/27

In: -0.983+/-0.000 χ^2/NDF :134949676.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.994+/-0.000 χ^2/NDF : 374949907.9/27

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.034+/-0.000 χ^2/NDF : 400241.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.036+/-0.000 χ^2/NDF : 274158.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

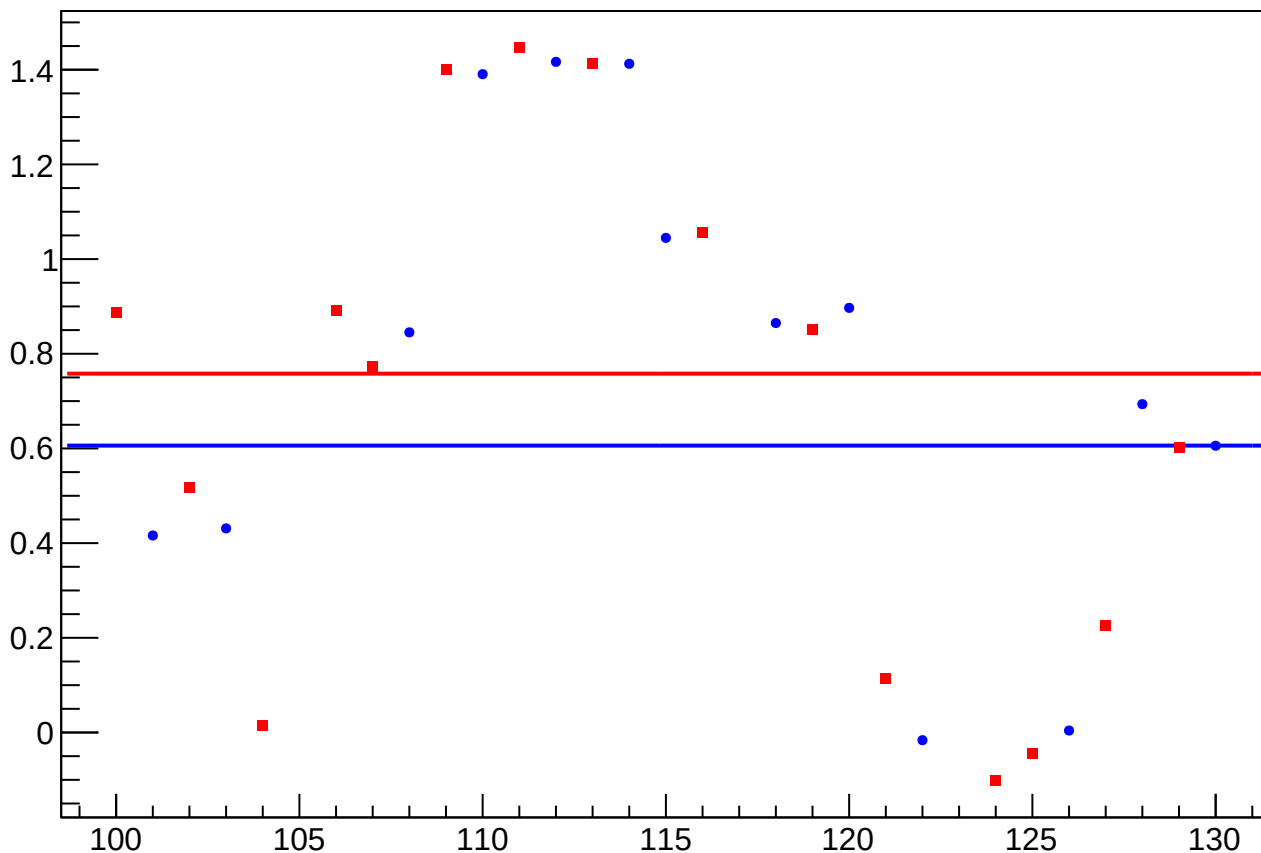
Right: 0.035+/-0.000 χ^2/NDF : 687897.3/27

In: 0.034+/-0.000 χ^2/NDF :400241.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.035+/-0.000 χ^2/NDF : 687897.3/27

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.606+/-0.000 χ^2/NDF : 6292420791.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.758+/-0.000 χ^2/NDF : 13824976617.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

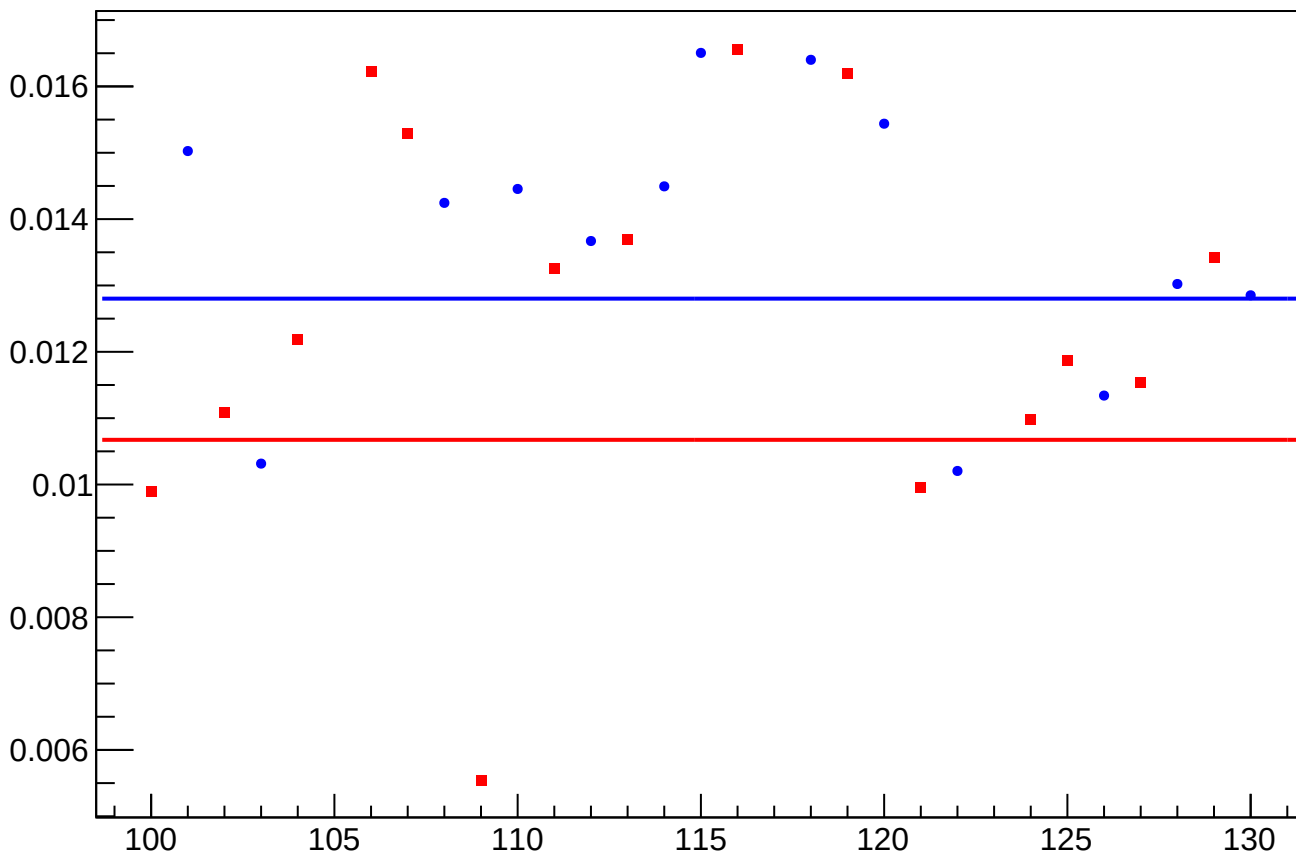
Right: 0.694+/-0.000 χ^2/NDF : 20523518832.2/27

In: 0.606+/-0.000 χ^2/NDF : 6292420791.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.694+/-0.000 χ^2/NDF : 20523518832.2/27

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 258294.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 999925.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

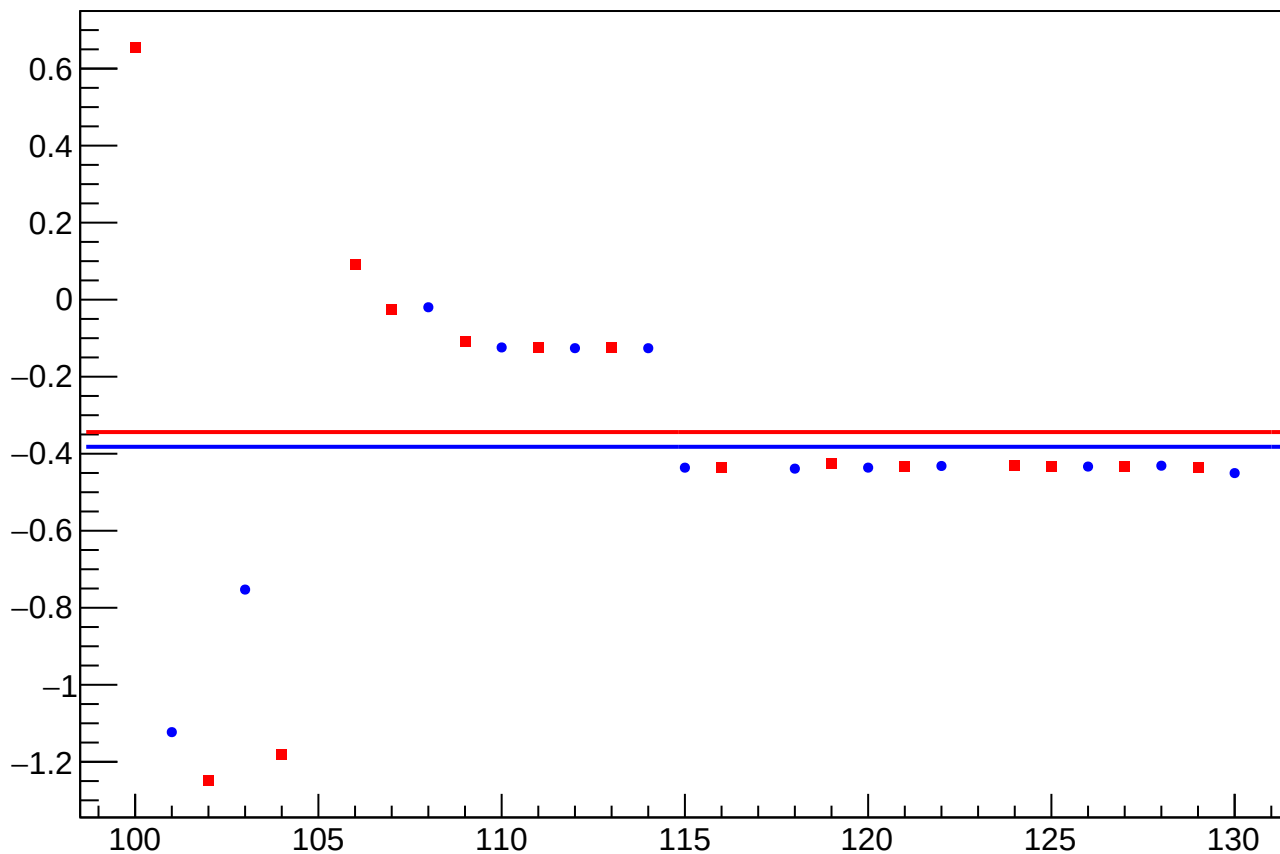
Right: 0.012+/-0.000 χ^2/NDF : 1417456.8/27

In: 0.013+/-0.000 χ^2/NDF :258294.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.000 χ^2/NDF : 1417456.8/27

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.382+/-0.000 χ^2/NDF : 676706382.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.344+/-0.000 χ^2/NDF : 745696966.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

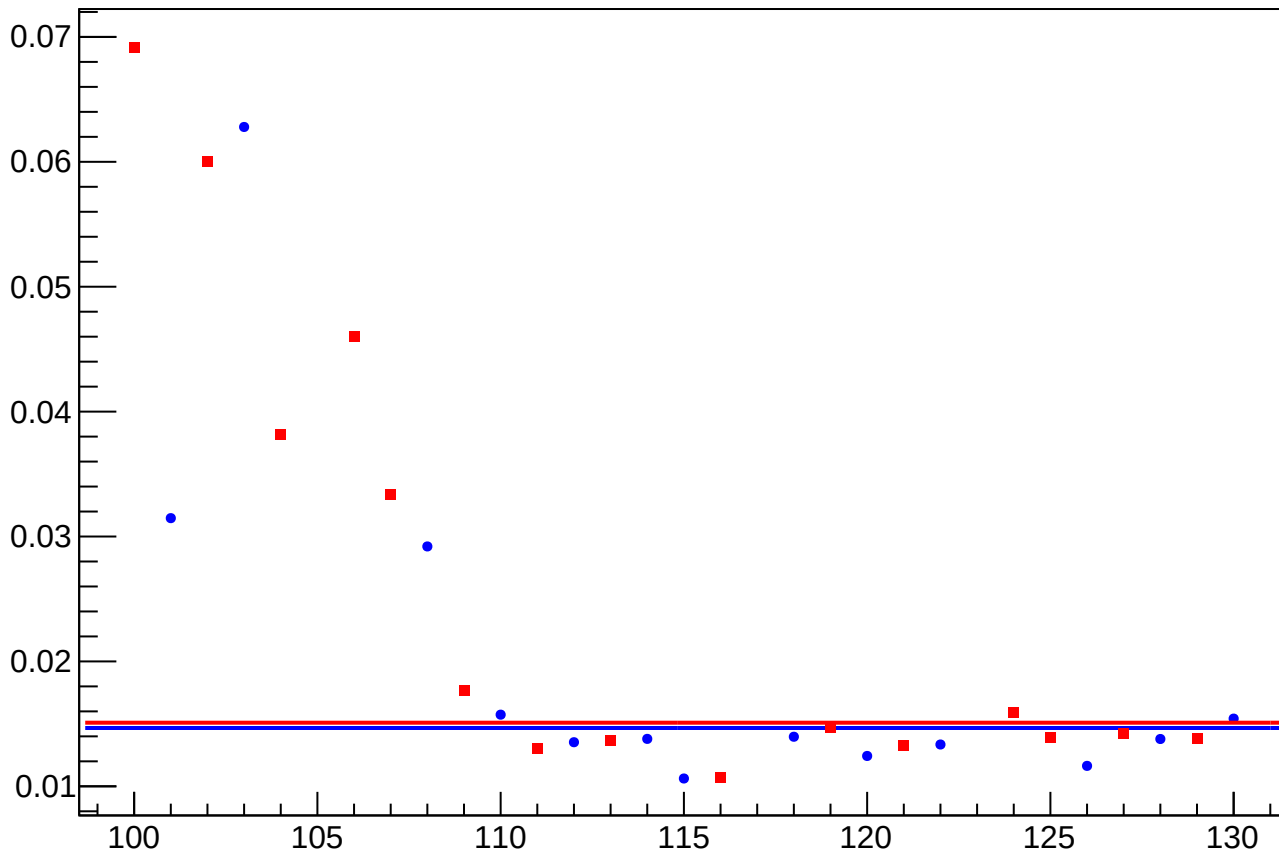
Right: -0.363+/-0.000 χ^2/NDF : 1435657439.3/27

In: -0.382+/-0.000 χ^2/NDF :676706382.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.363+/-0.000 χ^2/NDF : 1435657439.3/27

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 1215512.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 1477324.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

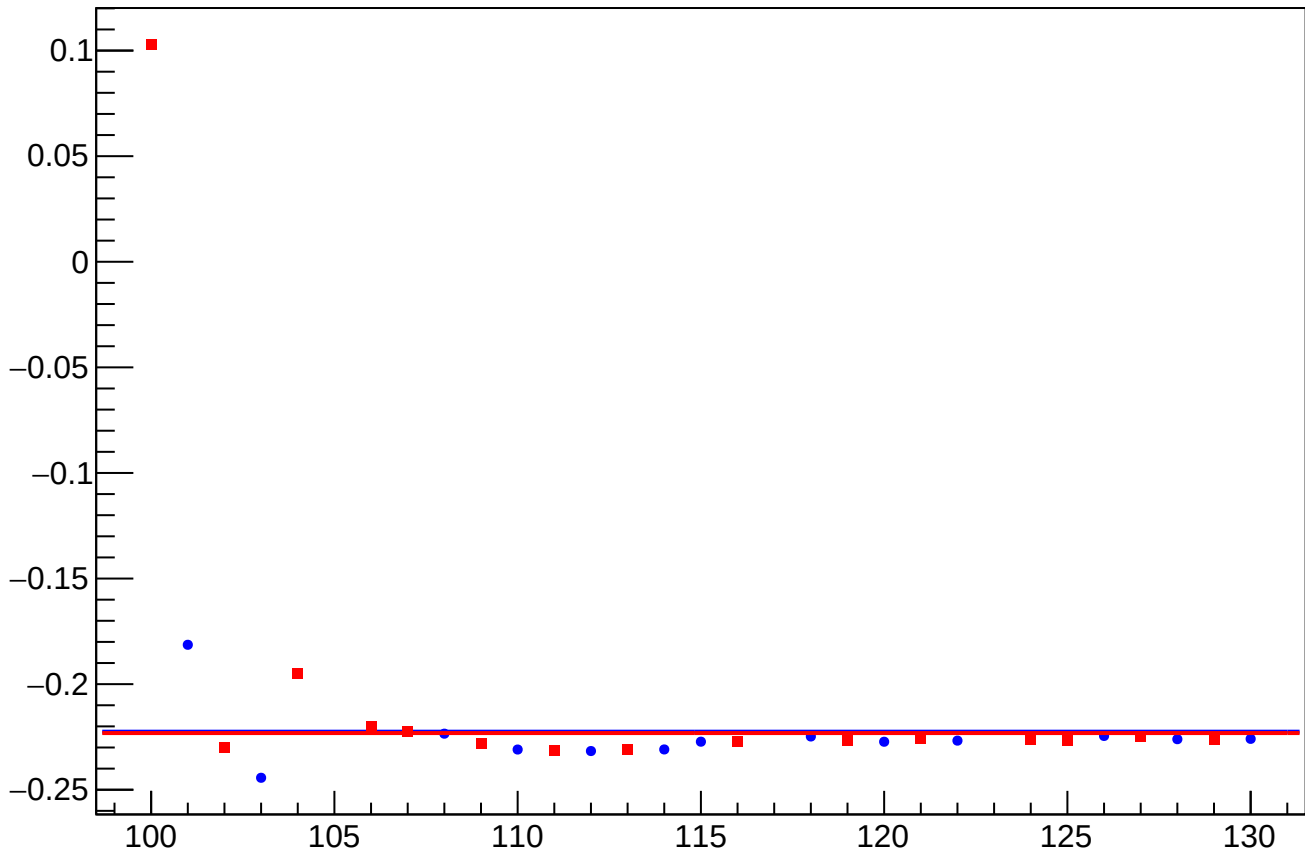
Right: 0.015+/-0.000 χ^2/NDF : 2696098.7/27

In: 0.015+/-0.000 χ^2/NDF : 1215512.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 2696098.7/27

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.223+/-0.000 χ^2/NDF : 51517102.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.223+/-0.000 χ^2/NDF : 157473777.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

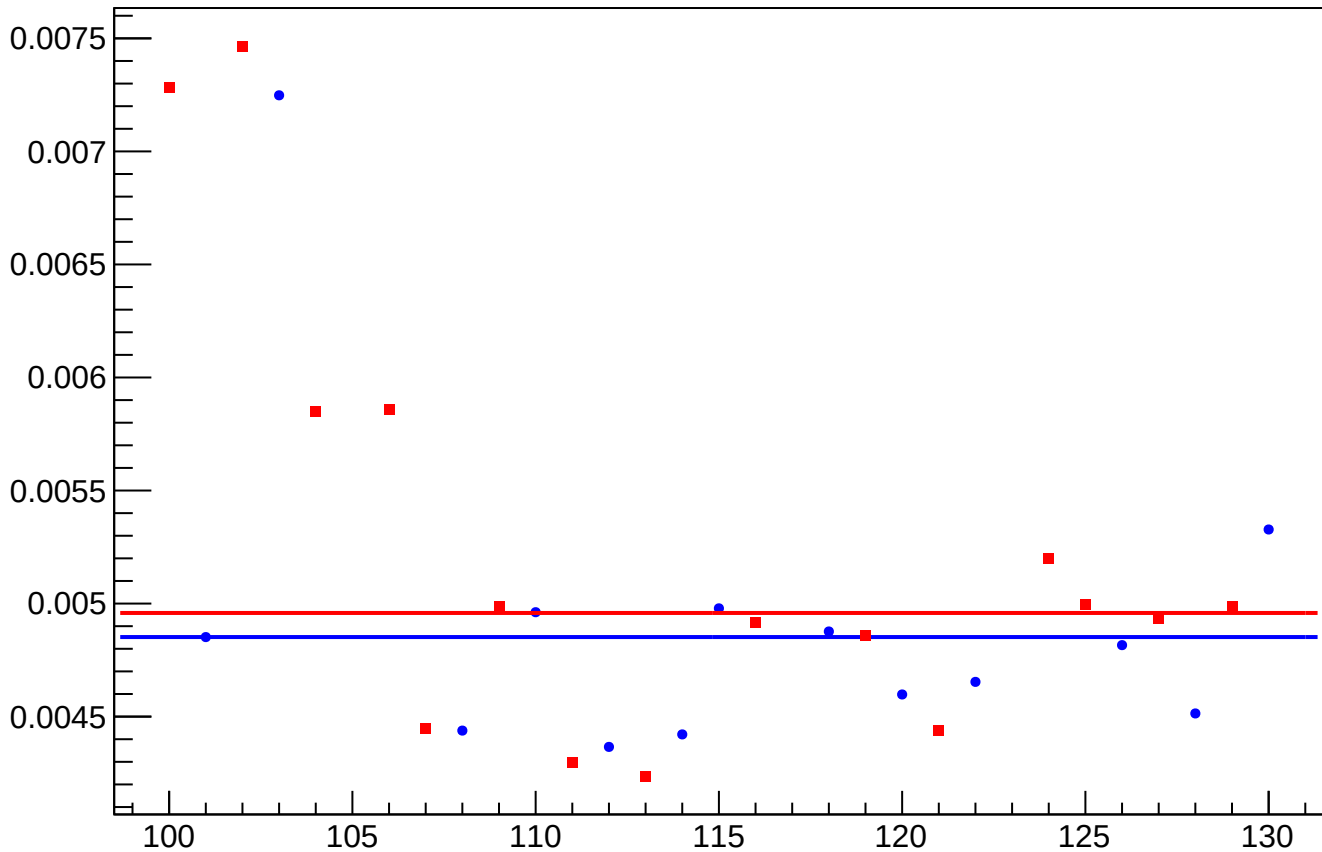
Right: -0.223+/-0.000 χ^2/NDF : 209036120.8/27

In: -0.223+/-0.000 χ^2/NDF : 51517102.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.223+/-0.000 χ^2/NDF : 209036120.8/27

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 158702.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 246457.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

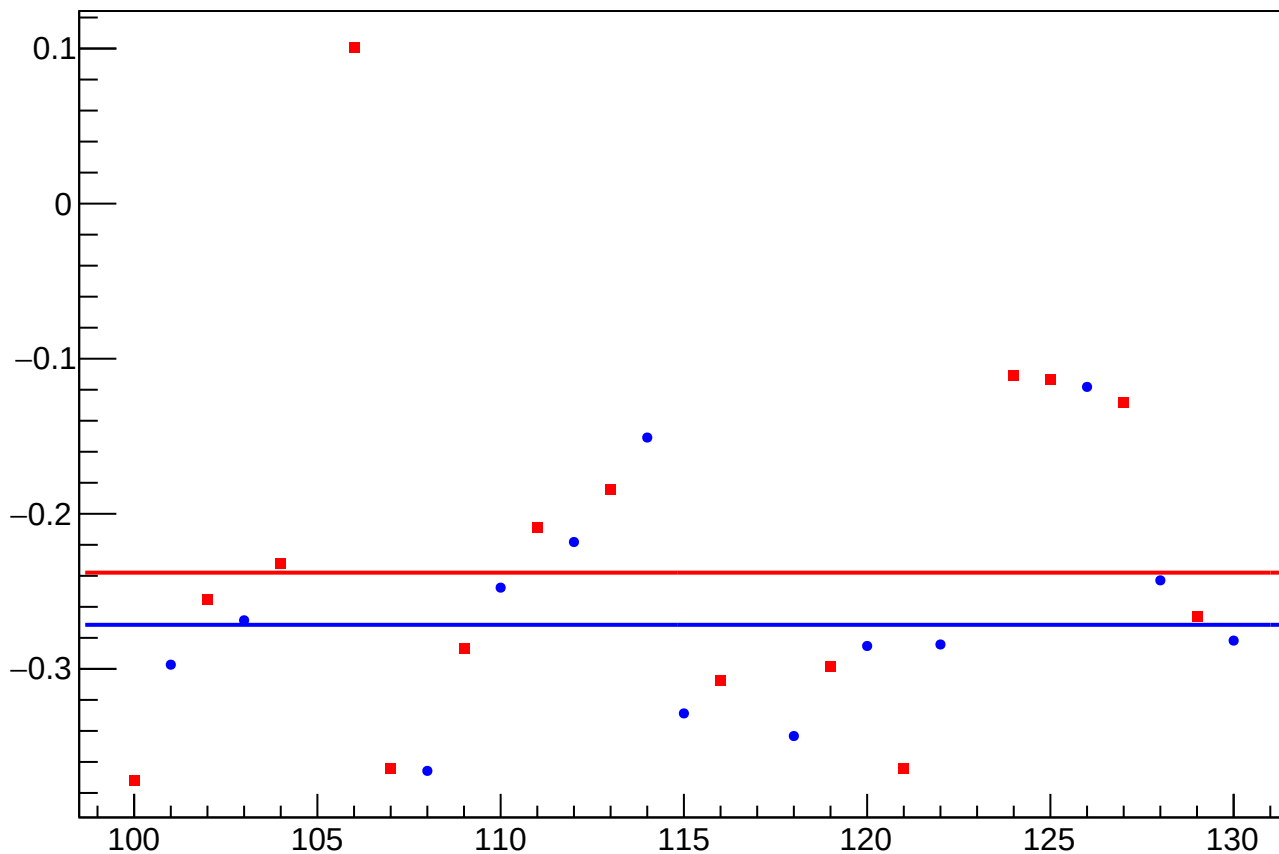
Right: 0.005+/-0.000 χ^2/NDF : 407574.5/27

In: 0.005+/-0.000 χ^2/NDF : 158702.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 407574.5/27

yield_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -0.272+/-0.000 χ^2/NDF : 468756540.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.238+/-0.000 χ^2/NDF : 1083274770.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

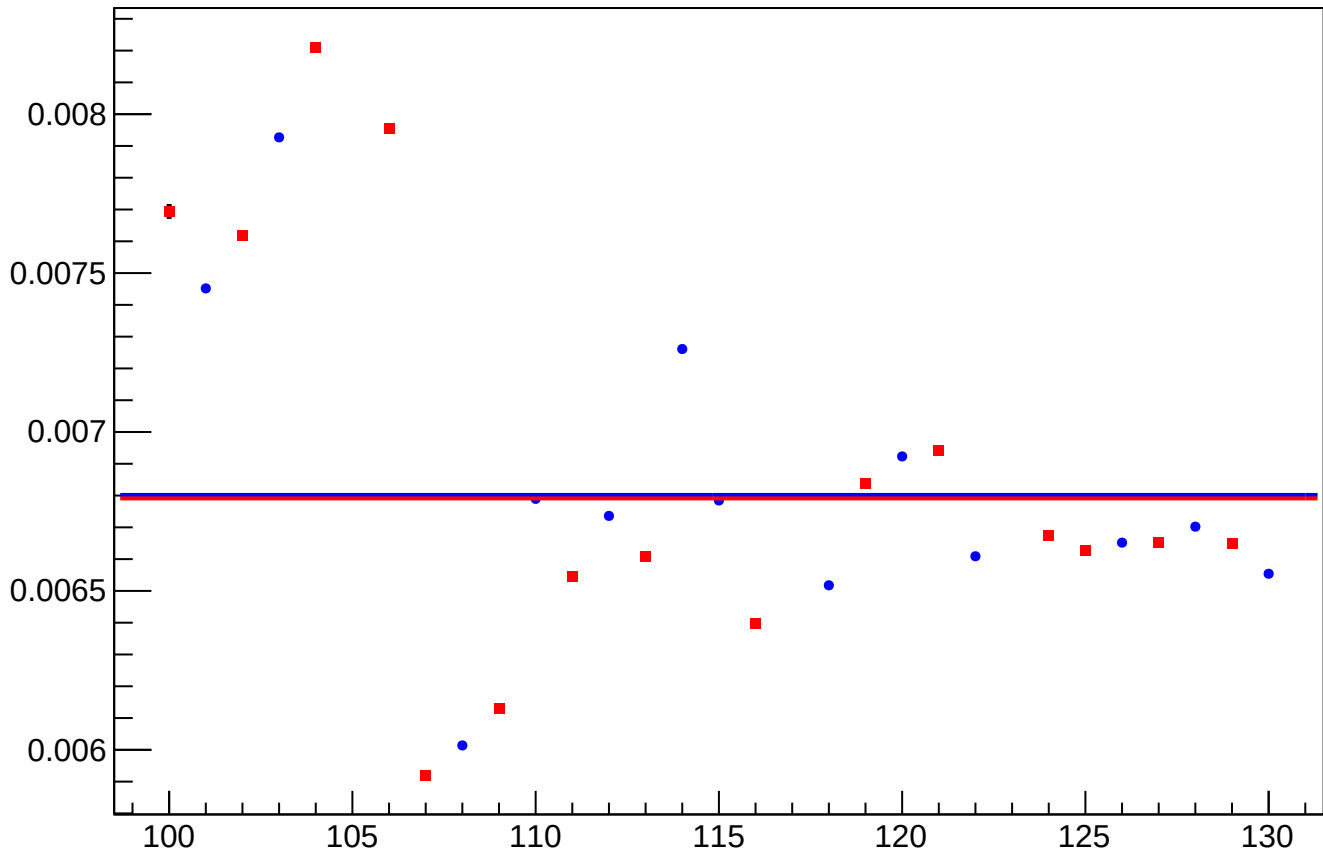
Right: -0.254+/-0.000 χ^2/NDF : 1619947226.7/27

In: -0.272+/-0.000 χ^2/NDF :468756540.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.254+/-0.000 χ^2/NDF : 1619947226.7/27

yield_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 53373.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 84025.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

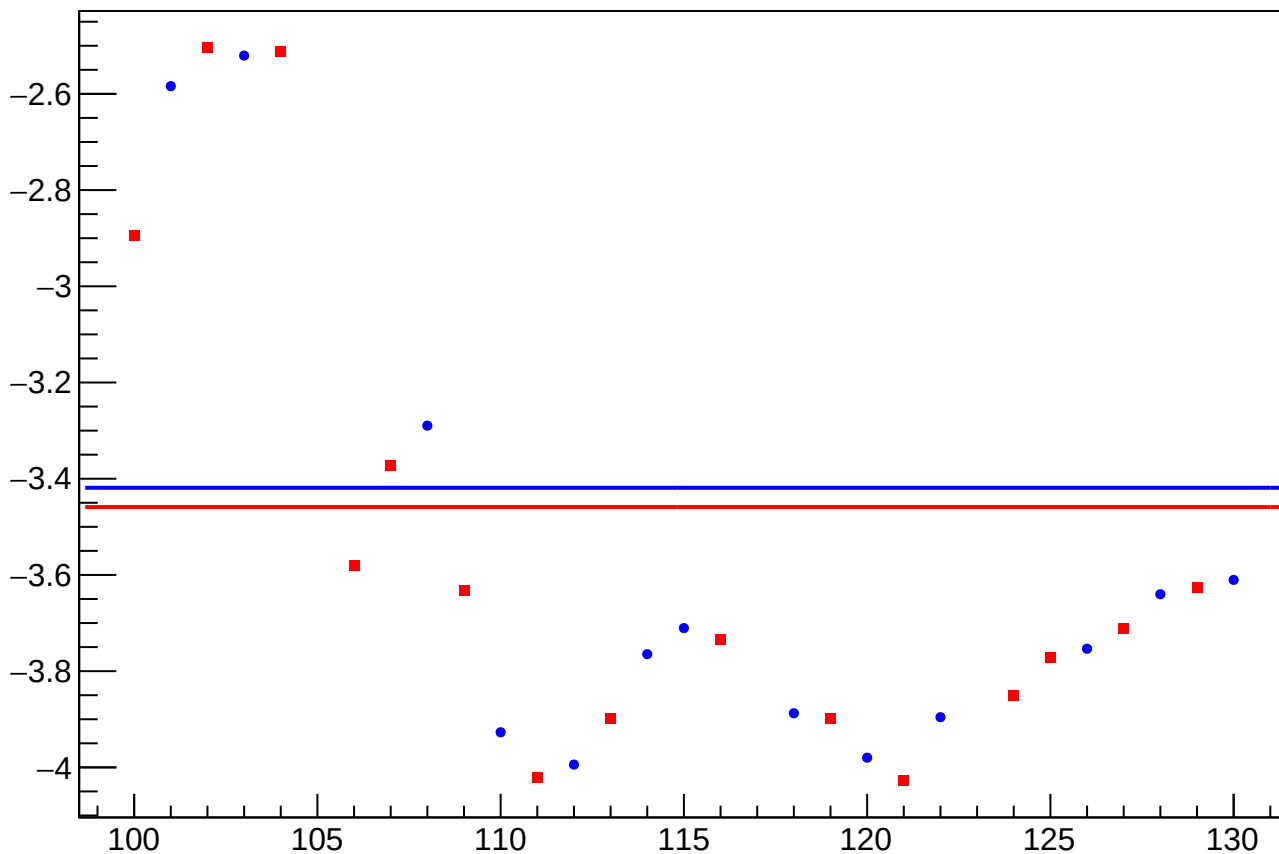
Right: 0.007+/-0.000 χ^2/NDF : 137413.6/27

In: 0.007+/-0.000 χ^2/NDF : 53373.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 137413.6/27

yield_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -3.419+/-0.000 χ^2/NDF : 28254489226.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.459+/-0.000 χ^2/NDF : 28268439617.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

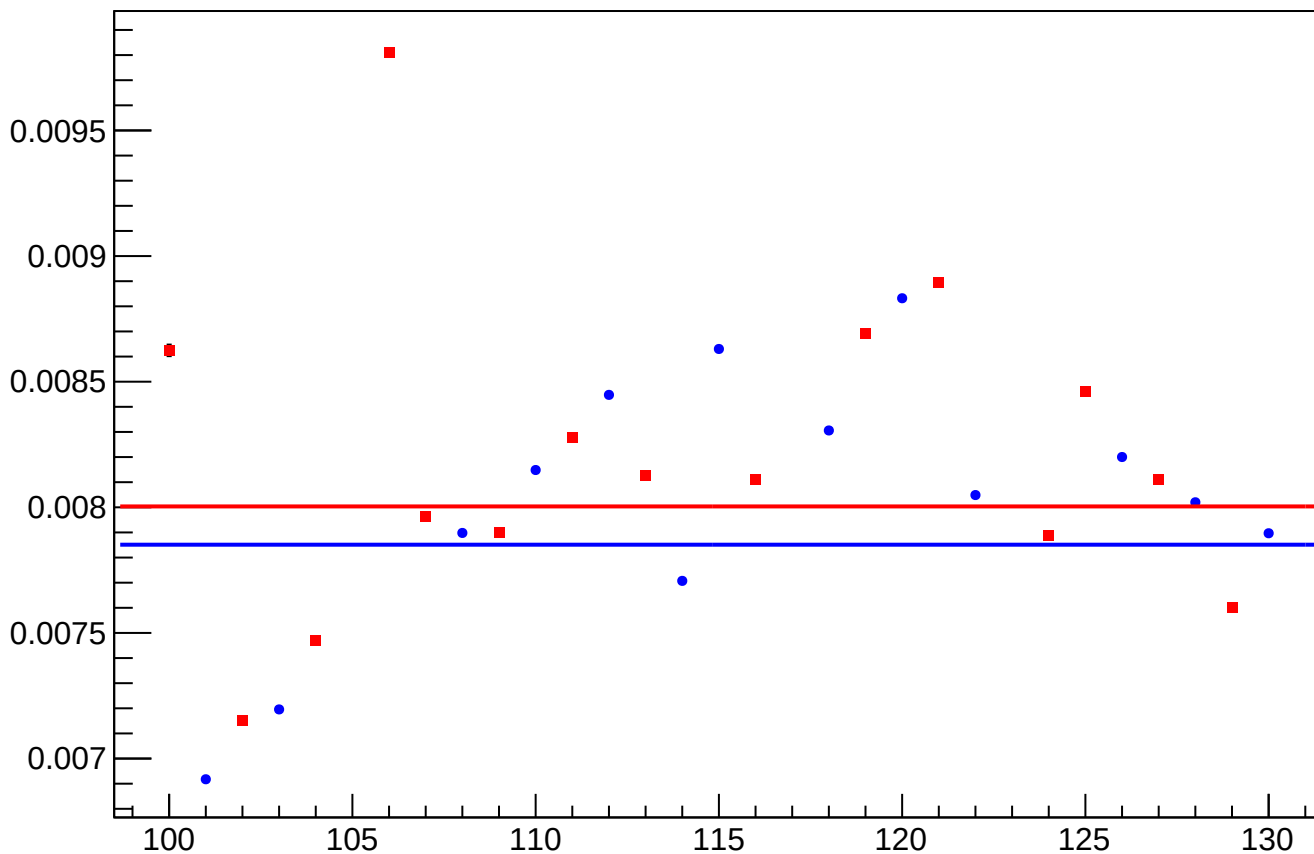
Right: -3.439+/-0.000 χ^2/NDF : 56592943643.4/27

In: -3.419+/-0.000 χ^2/NDF : 28254489226.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.439+/-0.000 χ^2/NDF : 56592943643.4/27

yield_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 54967.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 56226.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

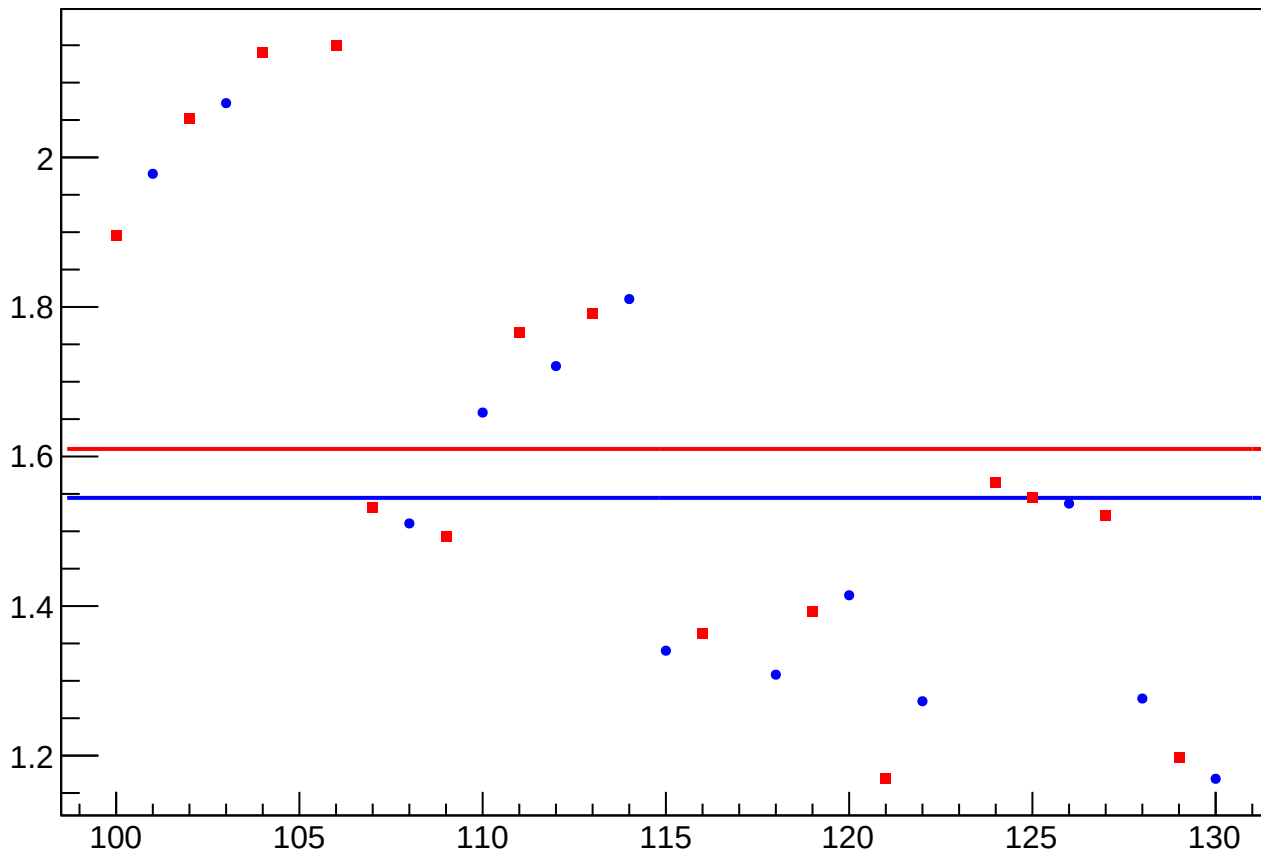
Right: 0.008+/-0.000 χ^2/NDF : 113213.7/27

In: 0.008+/-0.000 χ^2/NDF : 54967.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 113213.7/27

yield_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: 1.545+/-0.000

χ^2/NDF : 2983988177.1/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 1.610+/-0.000

χ^2/NDF : 3442693323.1/14

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 1.578+/-0.000

χ^2/NDF : 6500689266.8/27

In: 1.545+/-0.000

χ^2/NDF : 2983988177.1/12

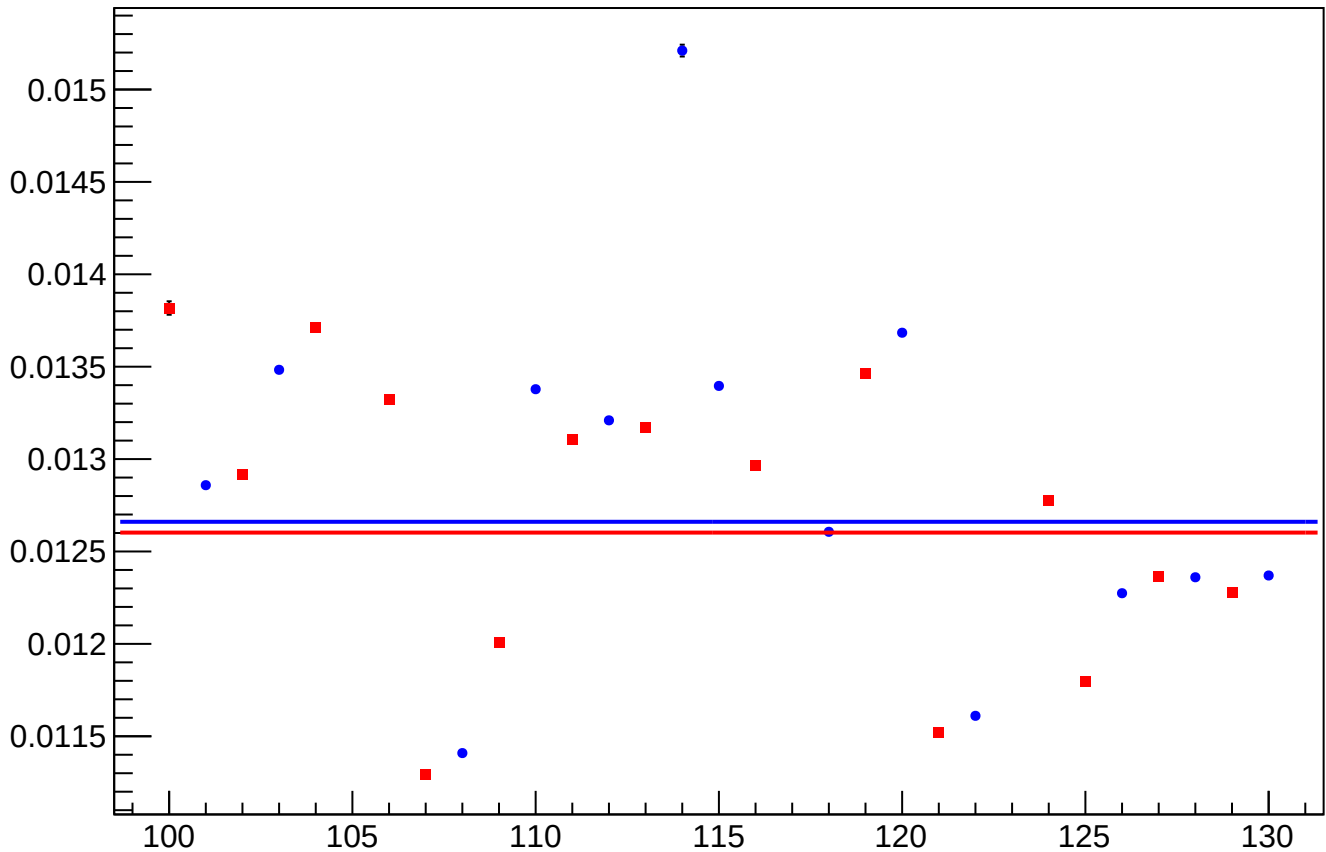
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.578+/-0.000

χ^2/NDF : 6500689266.8/27

yield_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 37218.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 38548.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

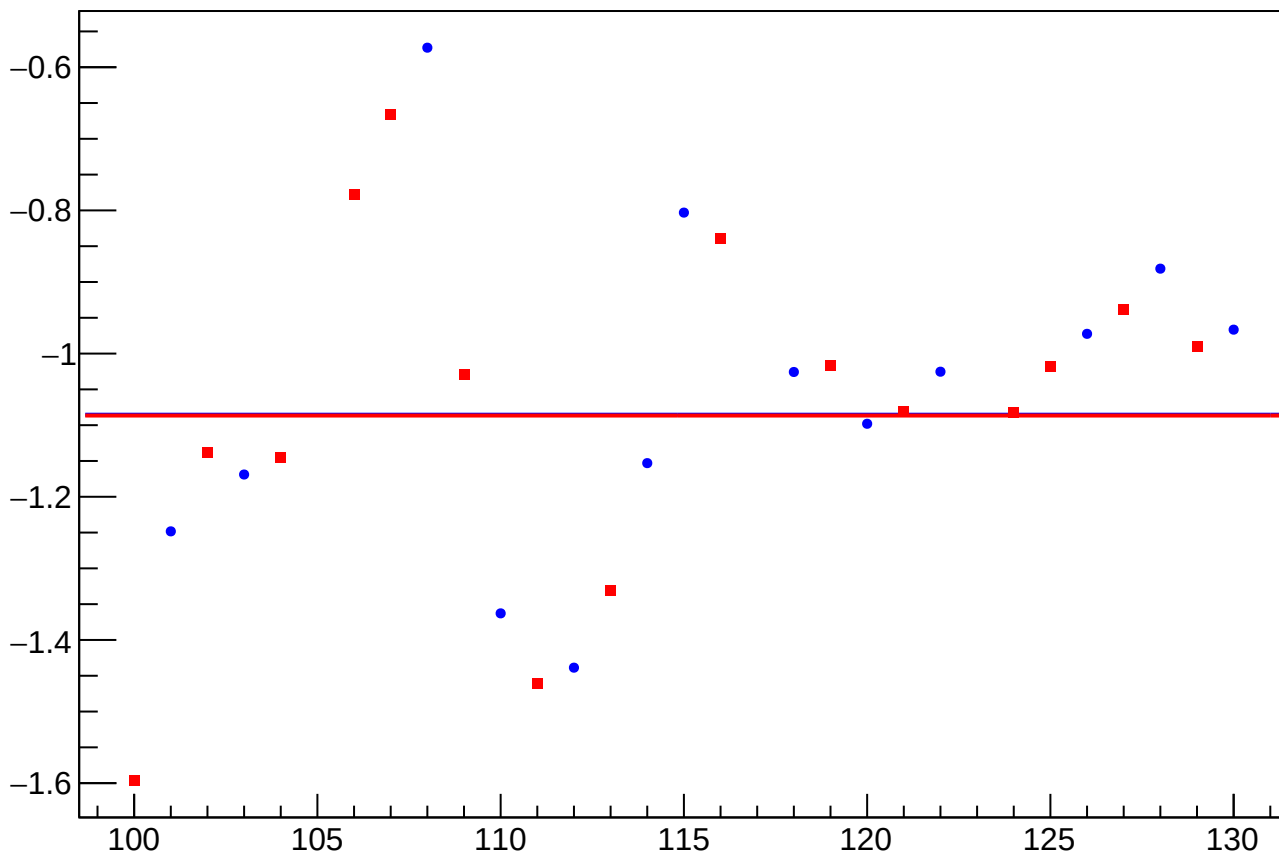
Right: 0.013+/-0.000 χ^2/NDF : 75885.1/27

In: 0.013+/-0.000 χ^2/NDF : 37218.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 75885.1/27

yield_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -1.085+/-0.000 χ^2/NDF : 2974781032.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.087+/-0.000 χ^2/NDF : 2152643917.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

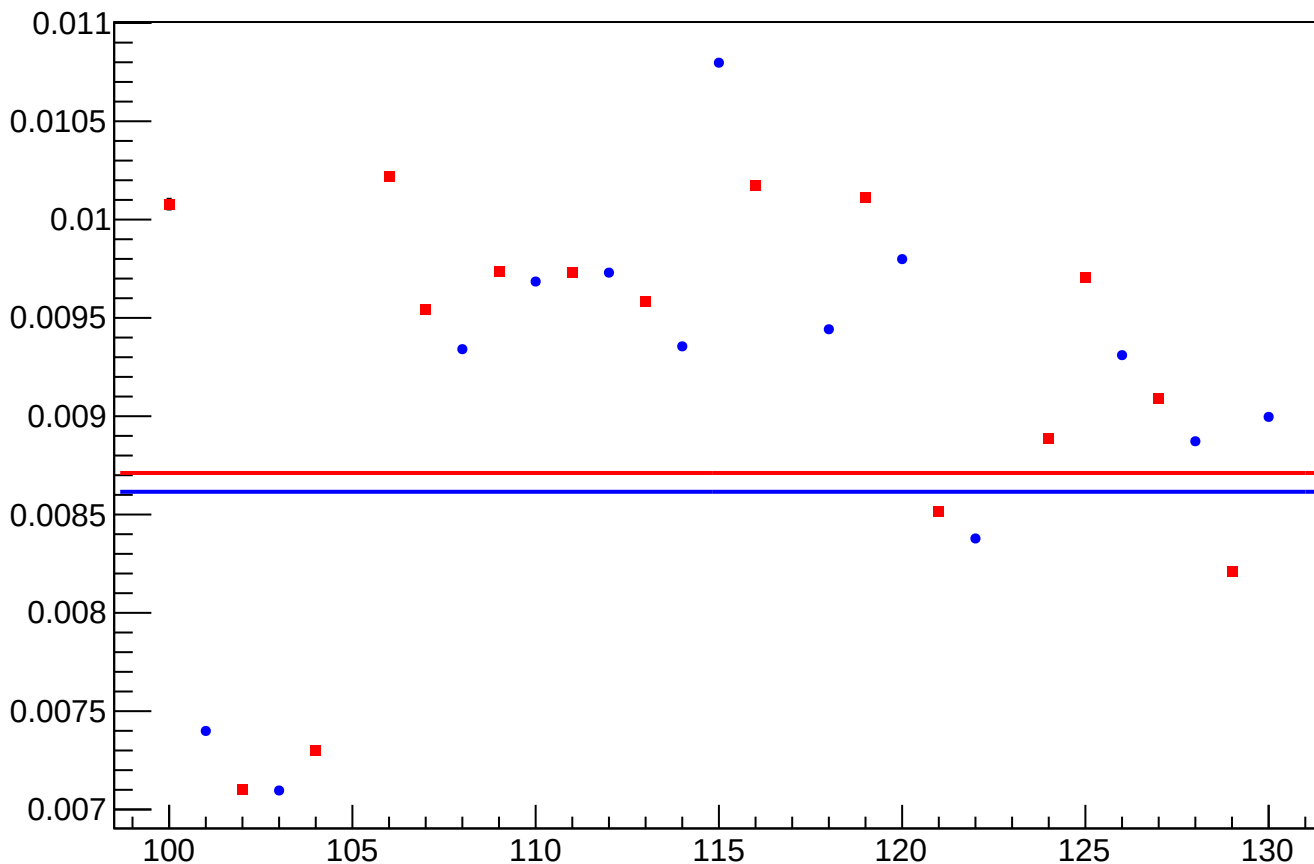
Right: -1.086+/-0.000 χ^2/NDF : 5127473611.7/27

In: -1.085+/-0.000 χ^2/NDF :2974781032.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.086+/-0.000 χ^2/NDF : 5127473611.7/27

yield_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 150059.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 185450.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

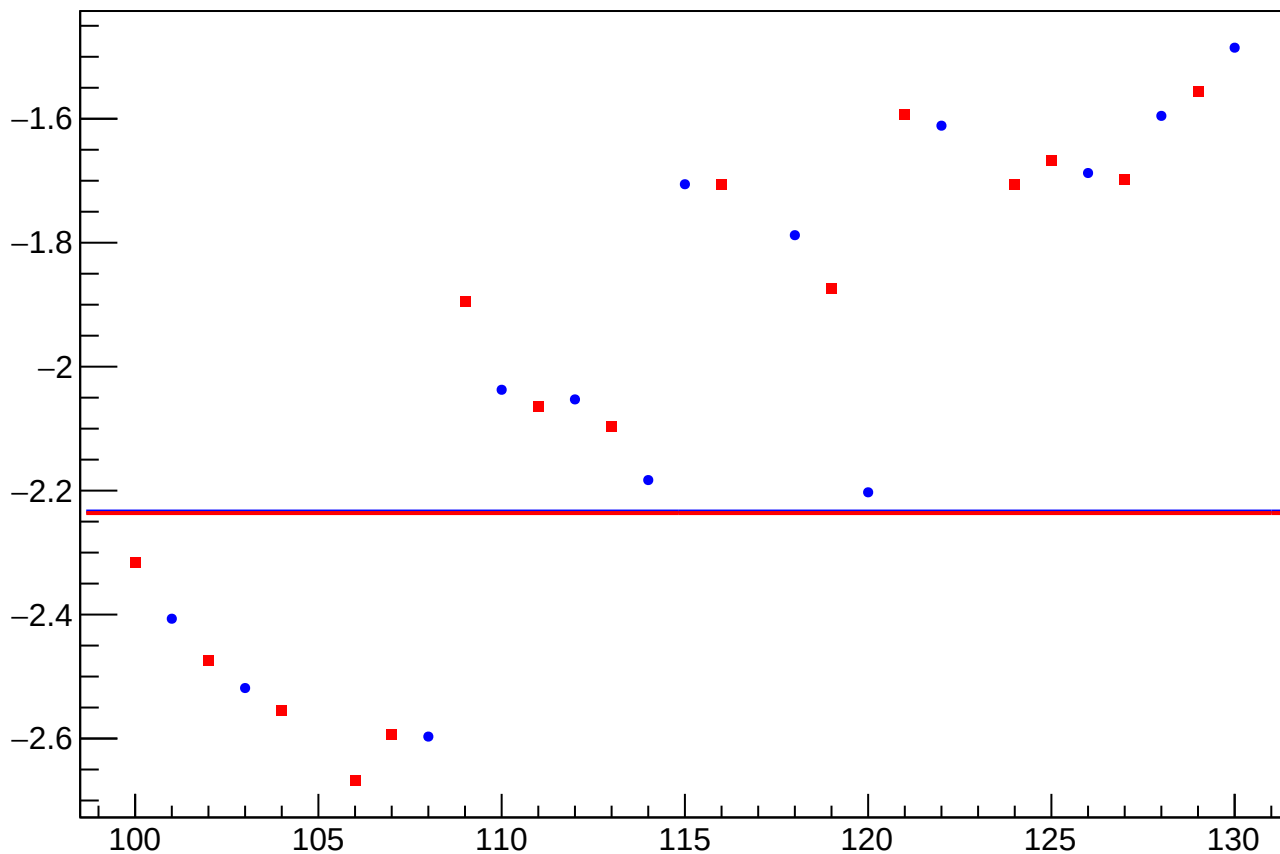
Right: 0.009+/-0.000 χ^2/NDF : 336160.2/27

In: 0.009+/-0.000 χ^2/NDF : 150059.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 336160.2/27

yield_bpm0i05X_mean vs Slug, Sign Corrected



Right In: -2.234+/-0.000 χ^2/NDF : 11255941469.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.236+/-0.000 χ^2/NDF : 11761940342.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

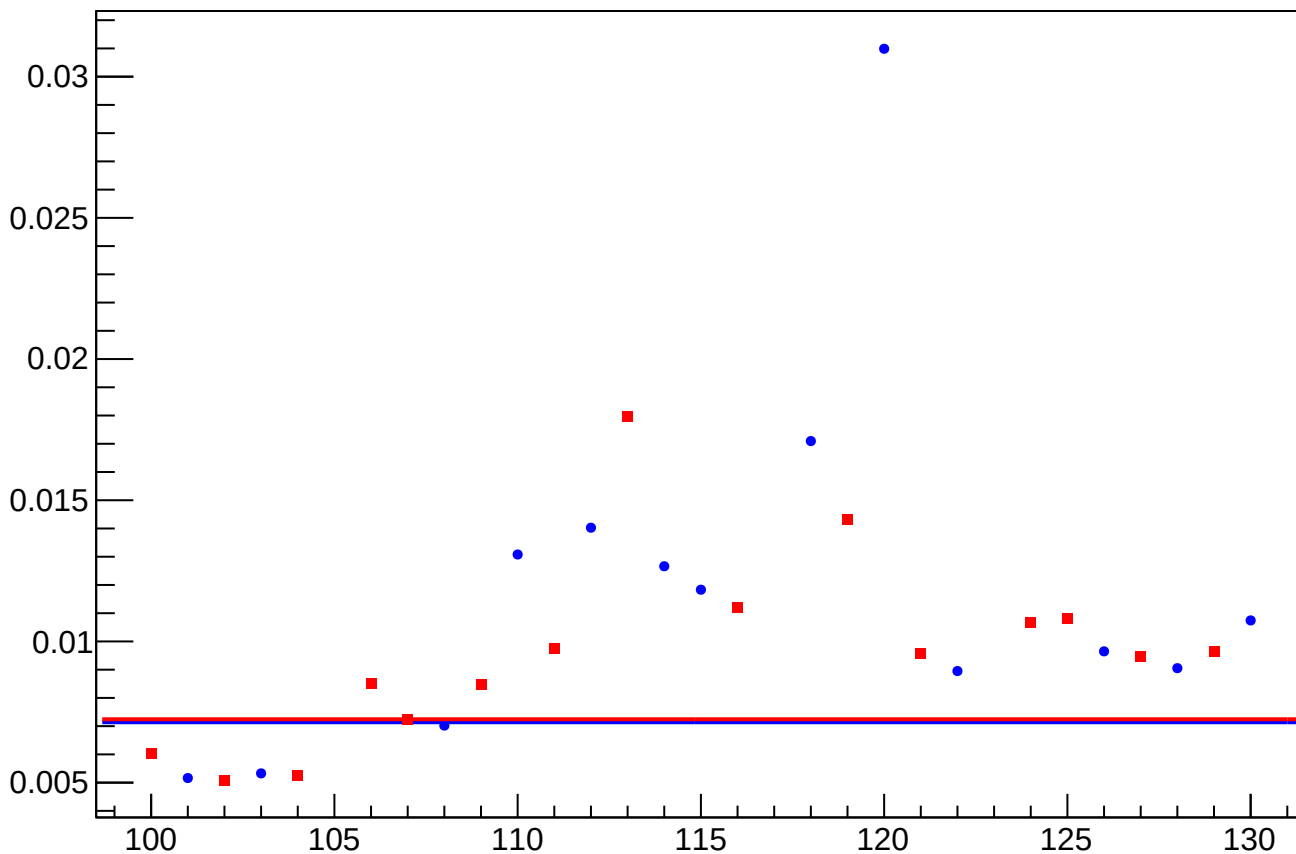
Right: -2.235+/-0.000 χ^2/NDF : 23018122757.5/27

In: -2.234+/-0.000 χ^2/NDF :11255941469.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.235+/-0.000 χ^2/NDF : 23018122757.5/27

yield_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 1413274.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 1117727.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

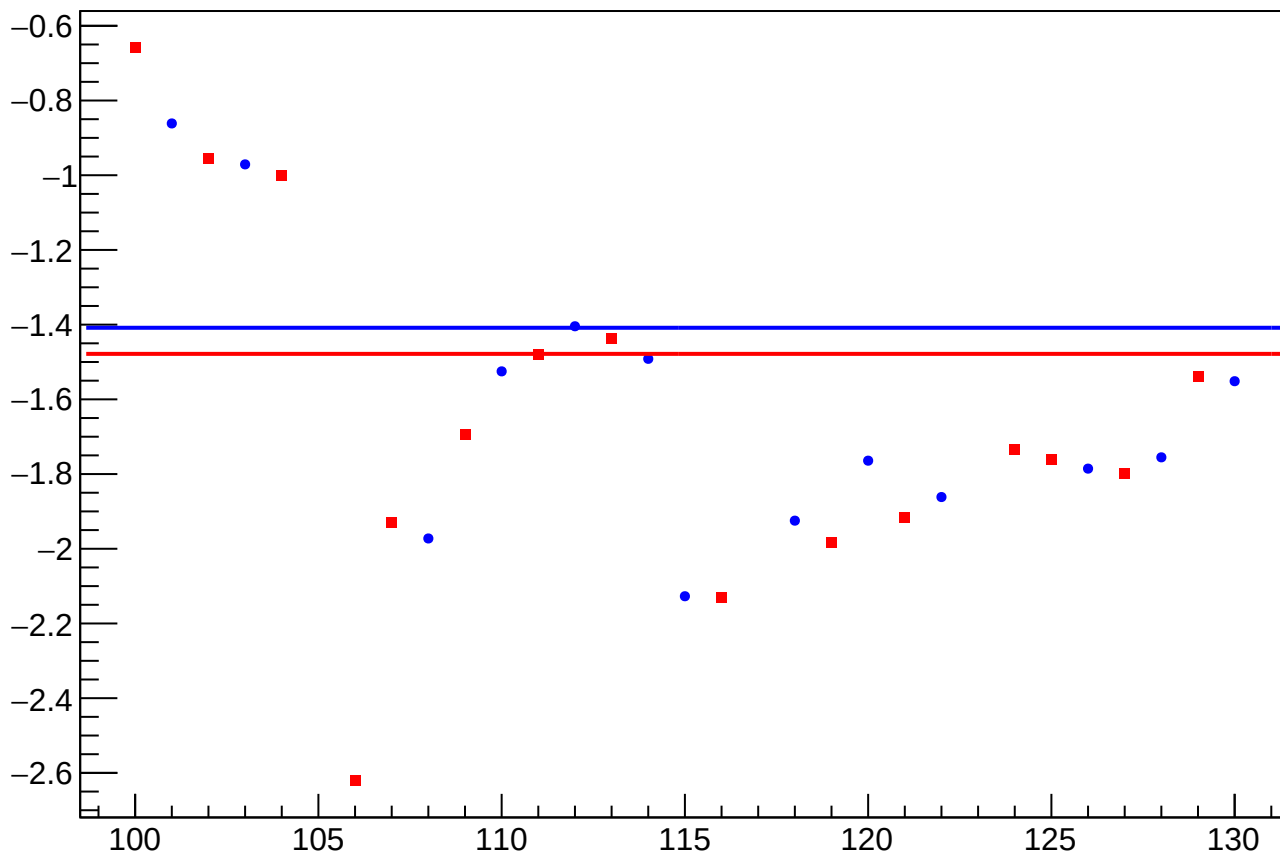
Right: 0.007+/-0.000 χ^2/NDF : 2531876.4/27

In: 0.007+/-0.000 χ^2/NDF :1413274.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 2531876.4/27

yield_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: -1.408+/-0.000 χ^2/NDF : 19756421402.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.478+/-0.000 χ^2/NDF : 25805940938.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

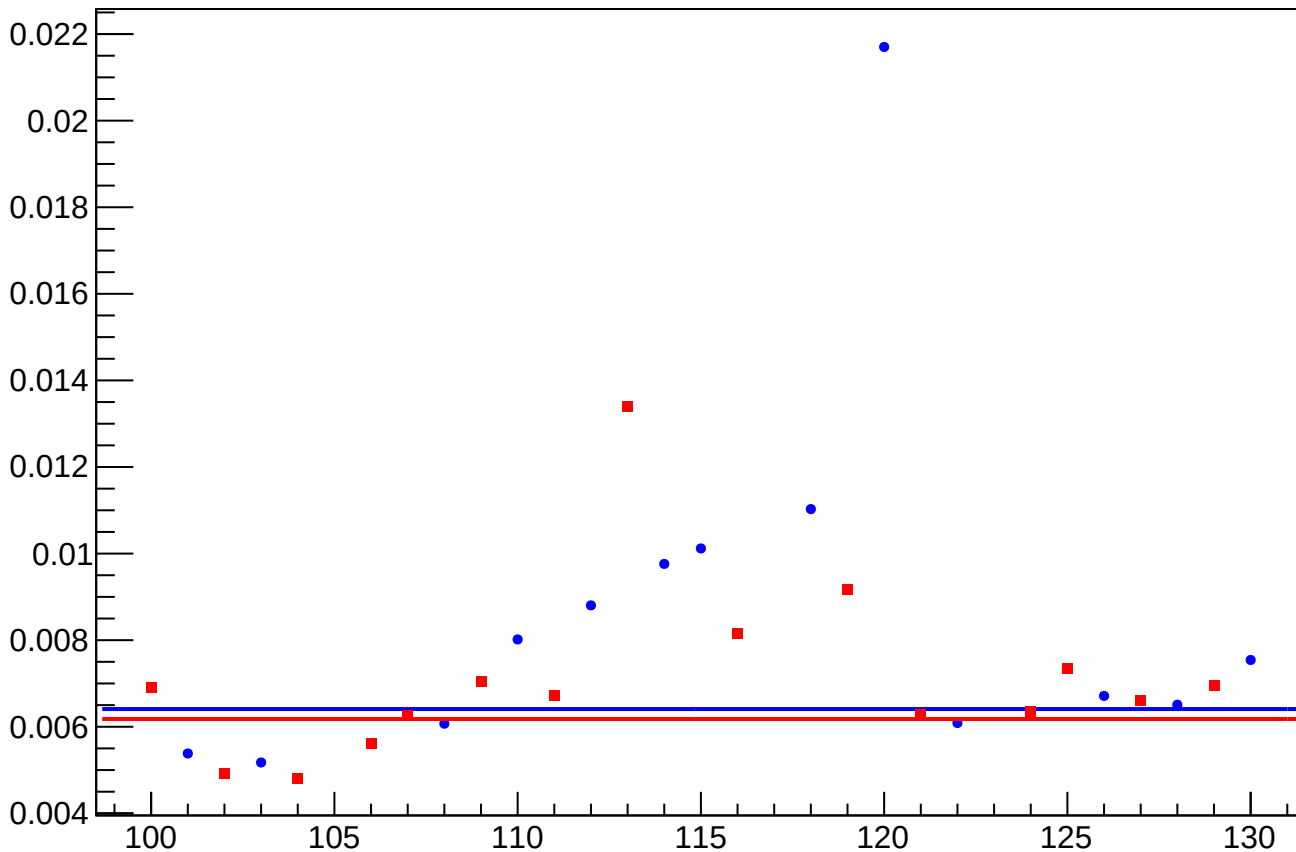
Right: -1.446+/-0.000 χ^2/NDF : 45839002651.6/27

In: -1.408+/-0.000 χ^2/NDF : 19756421402.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.446+/-0.000 χ^2/NDF : 45839002651.6/27

yield_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 617505.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 464739.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

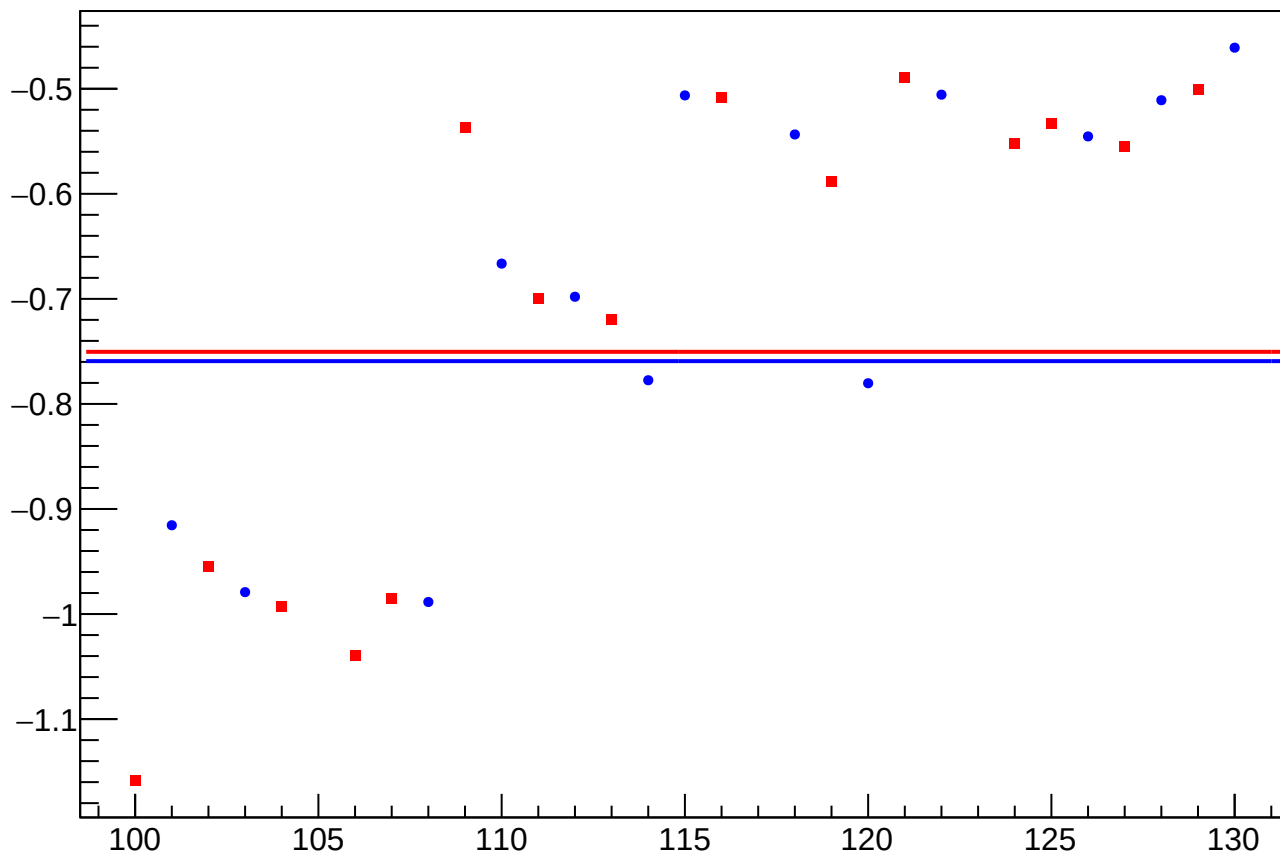
Right: 0.006+/-0.000 χ^2/NDF : 1088205.1/27

In: 0.006+/-0.000 χ^2/NDF :617505.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1088205.1/27

yield_bpm0i07X_mean vs Slug, Sign Corrected



Right In: -0.759+/-0.000 χ^2/NDF : 7069281216.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.750+/-0.000 χ^2/NDF : 8155393052.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

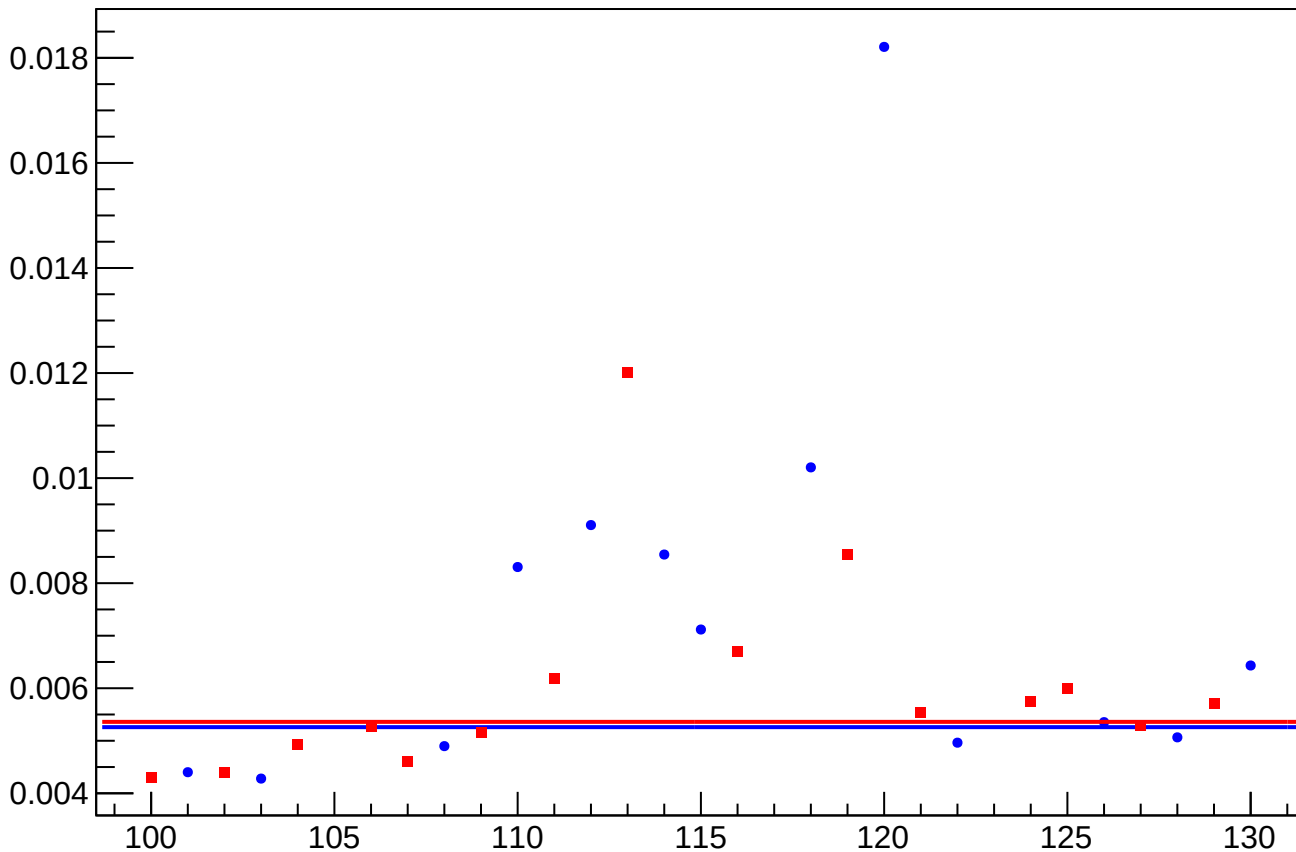
Right: -0.755+/-0.000 χ^2/NDF : 15230819806.0/27

In: -0.759+/-0.000 χ^2/NDF :7069281216.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.755+/-0.000 χ^2/NDF : 15230819806.0/27

yield_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 816212.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 418734.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

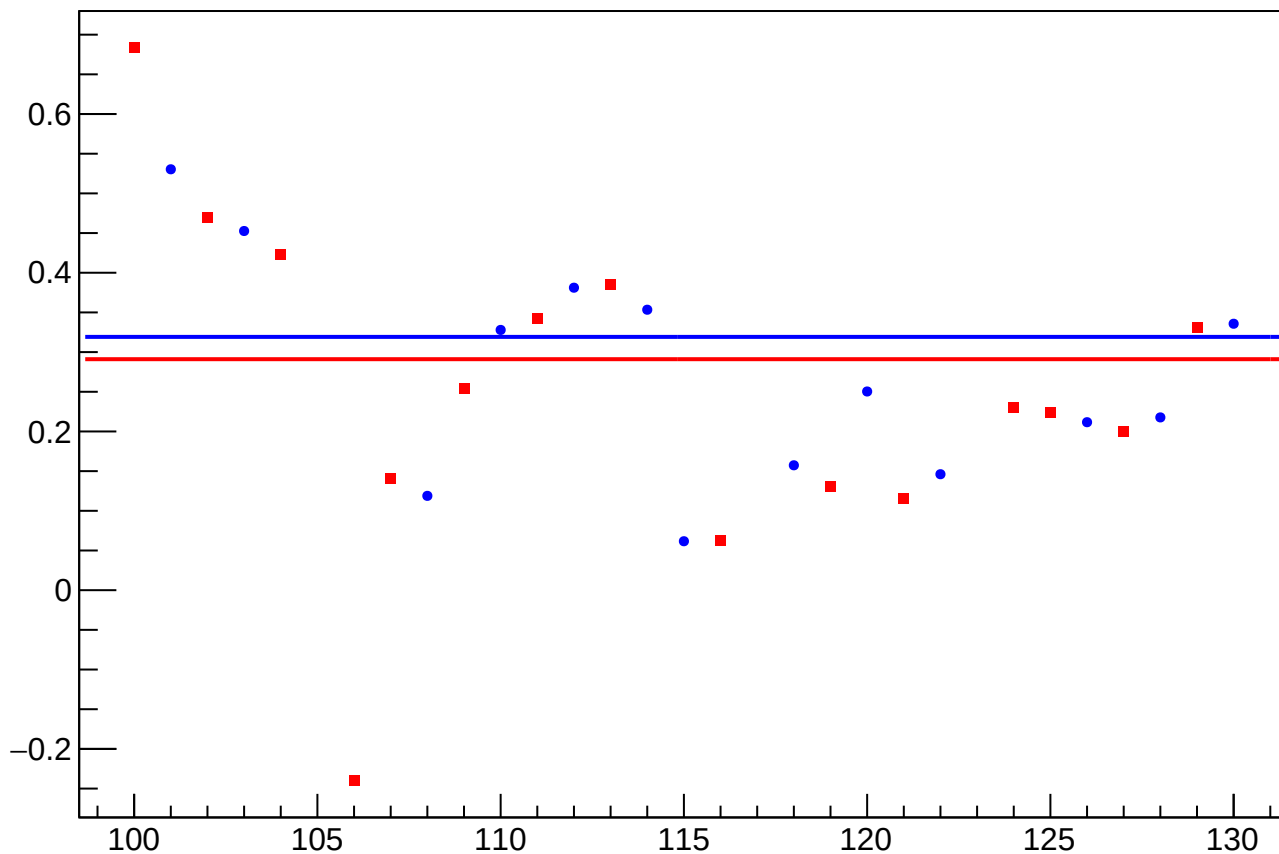
Right: 0.005+/-0.000 χ^2/NDF : 1236534.6/27

In: 0.005+/-0.000 χ^2/NDF :816212.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1236534.6/27

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.319+/-0.000

χ^2/NDF : 5768184964.1/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.291+/-0.000

χ^2/NDF : 7548194853.7/14

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.304+/-0.000

χ^2/NDF : 13431940660.8/27

In: 0.319+/-0.000

χ^2/NDF : 5768184964.1/12

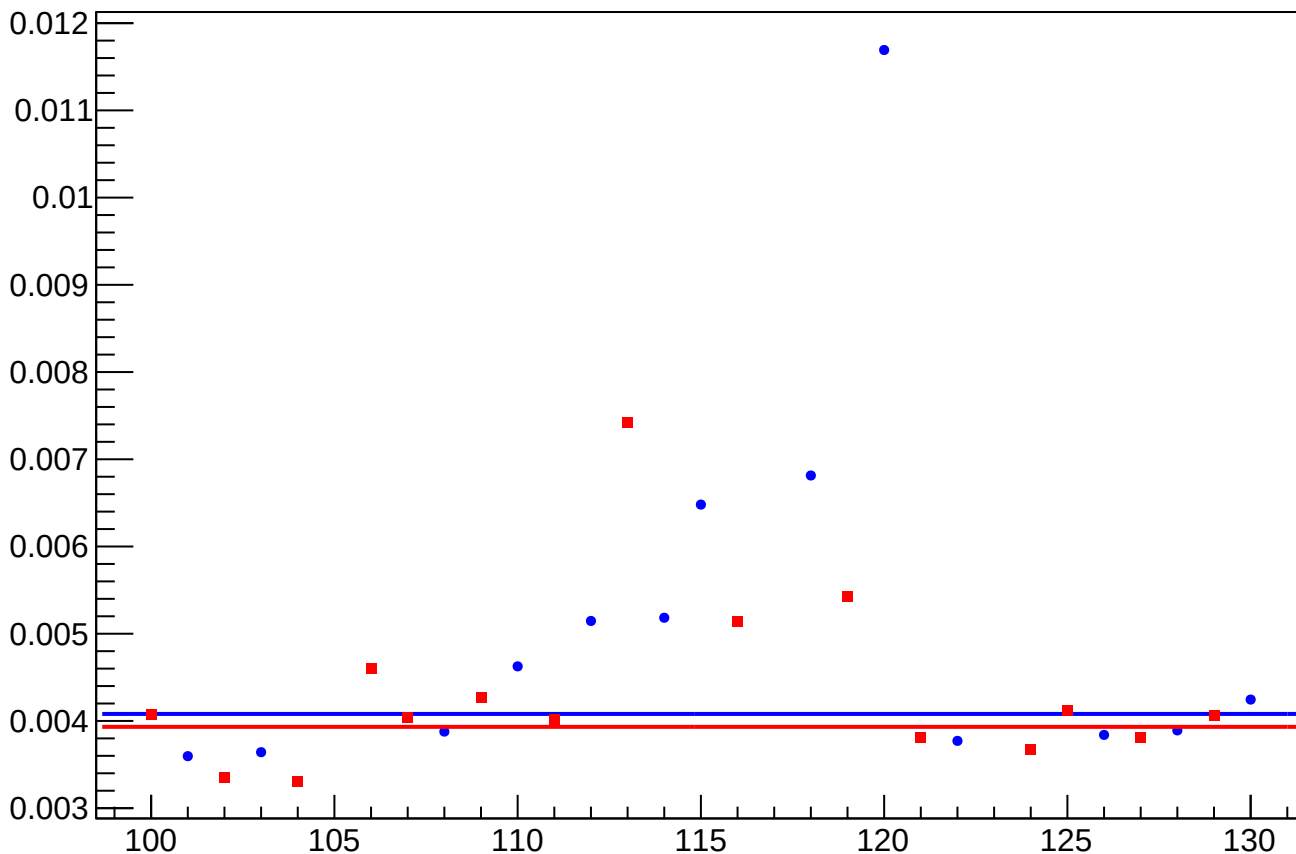
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.304+/-0.000

χ^2/NDF : 13431940660.8/27

yield_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 468523.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 294000.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

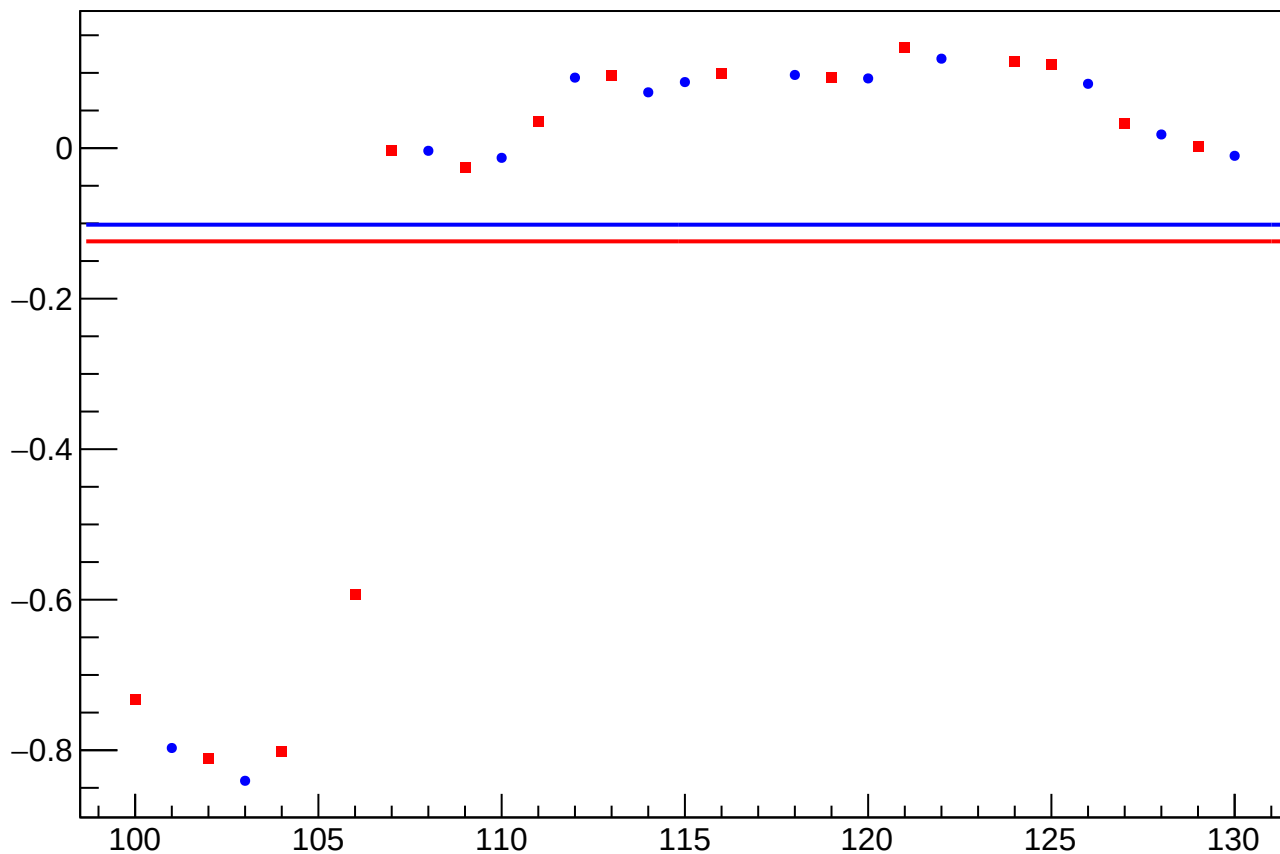
Right: 0.004+/-0.000 χ^2/NDF : 768941.5/27

In: 0.004+/-0.000 χ^2/NDF :468523.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 768941.5/27

yield_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -0.102+/-0.000 χ^2/NDF : 5462613205.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.124+/-0.000 χ^2/NDF : 6140684010.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

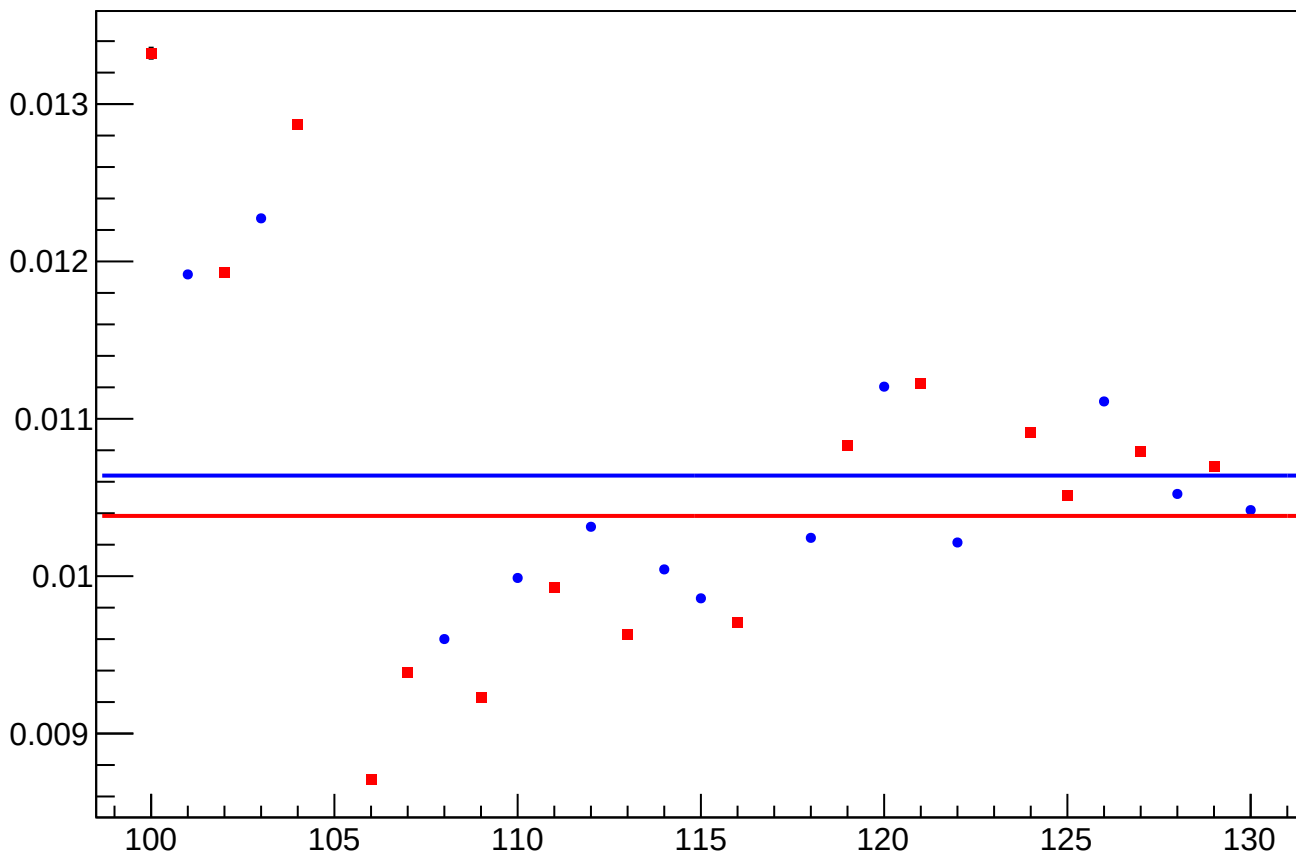
Right: -0.113+/-0.000 χ^2/NDF : 11615839241.2/27

In: -0.102+/-0.000 χ^2/NDF :5462613205.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.113+/-0.000 χ^2/NDF : 11615839241.2/27

yield_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 59169.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 133479.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

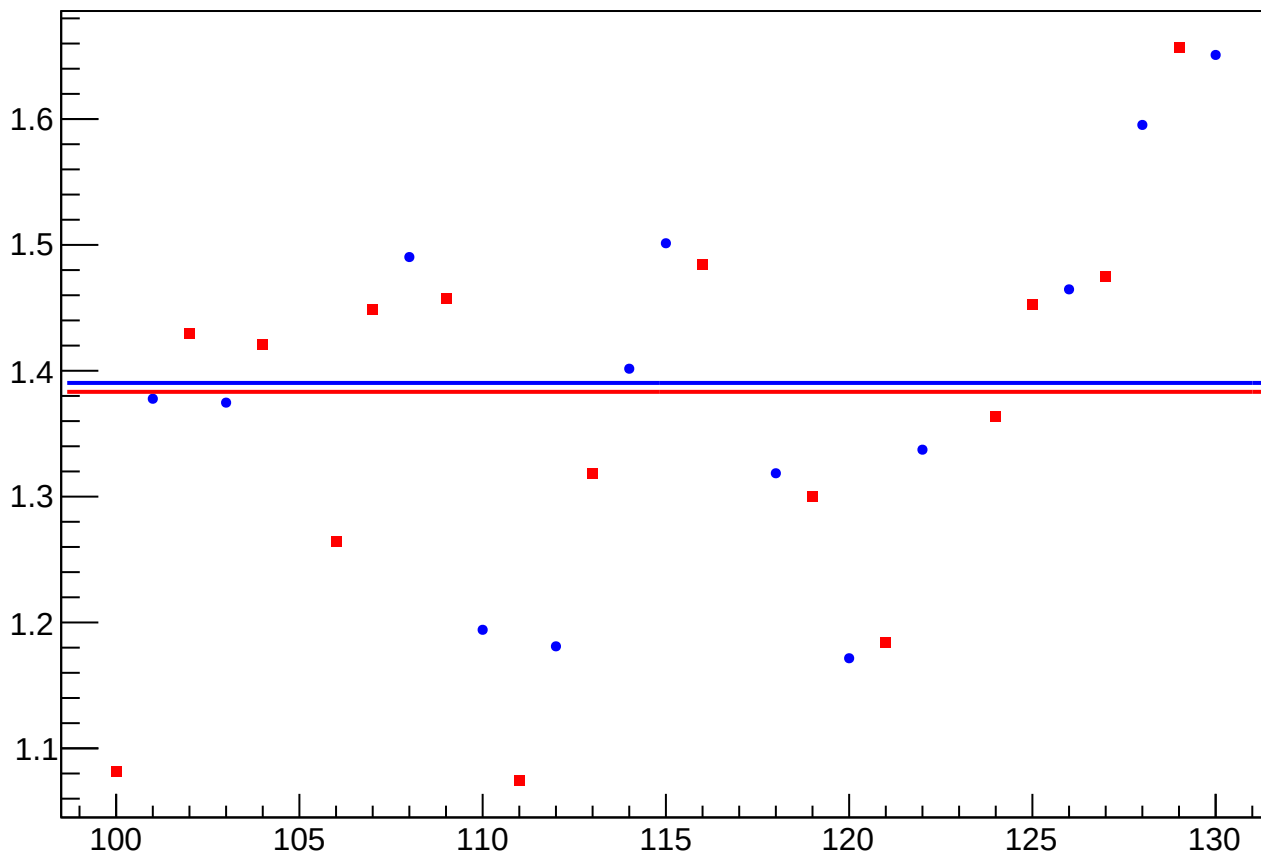
Right: 0.011+/-0.000 χ^2/NDF : 196009.3/27

In: 0.011+/-0.000 χ^2/NDF : 59169.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 196009.3/27

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.390+/-0.000

χ^2/NDF : 2006024060.0/12

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 1.387+/-0.000 χ^2/NDF : 4056124904.0/27

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 1.390+/-0.000 χ^2/NDF : 2006024060.0/12

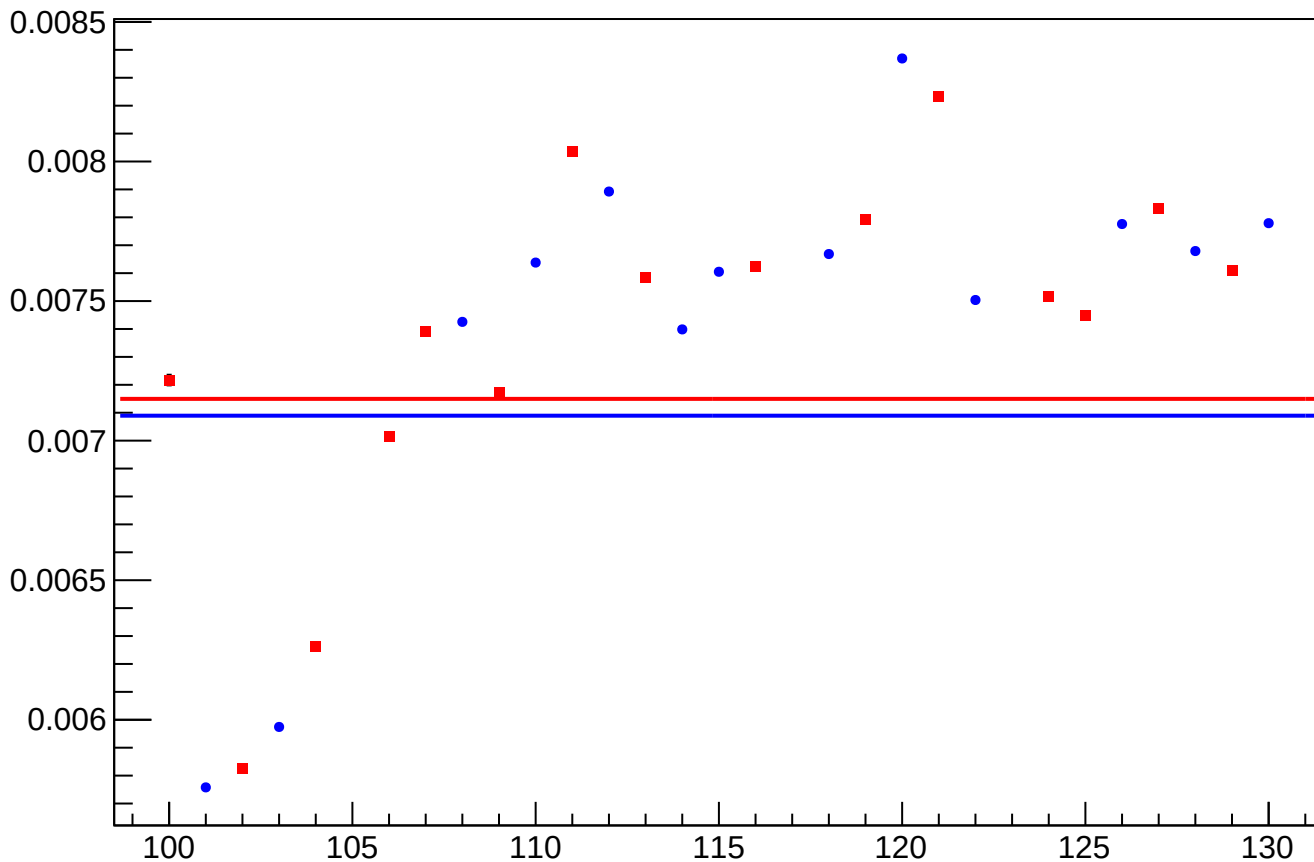
Right Out: 1.383+/-0.000 χ^2/NDF : 2047316935.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.387+/-0.000 χ^2/NDF : 4056124904.0/27

yield_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 173738.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 138754.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

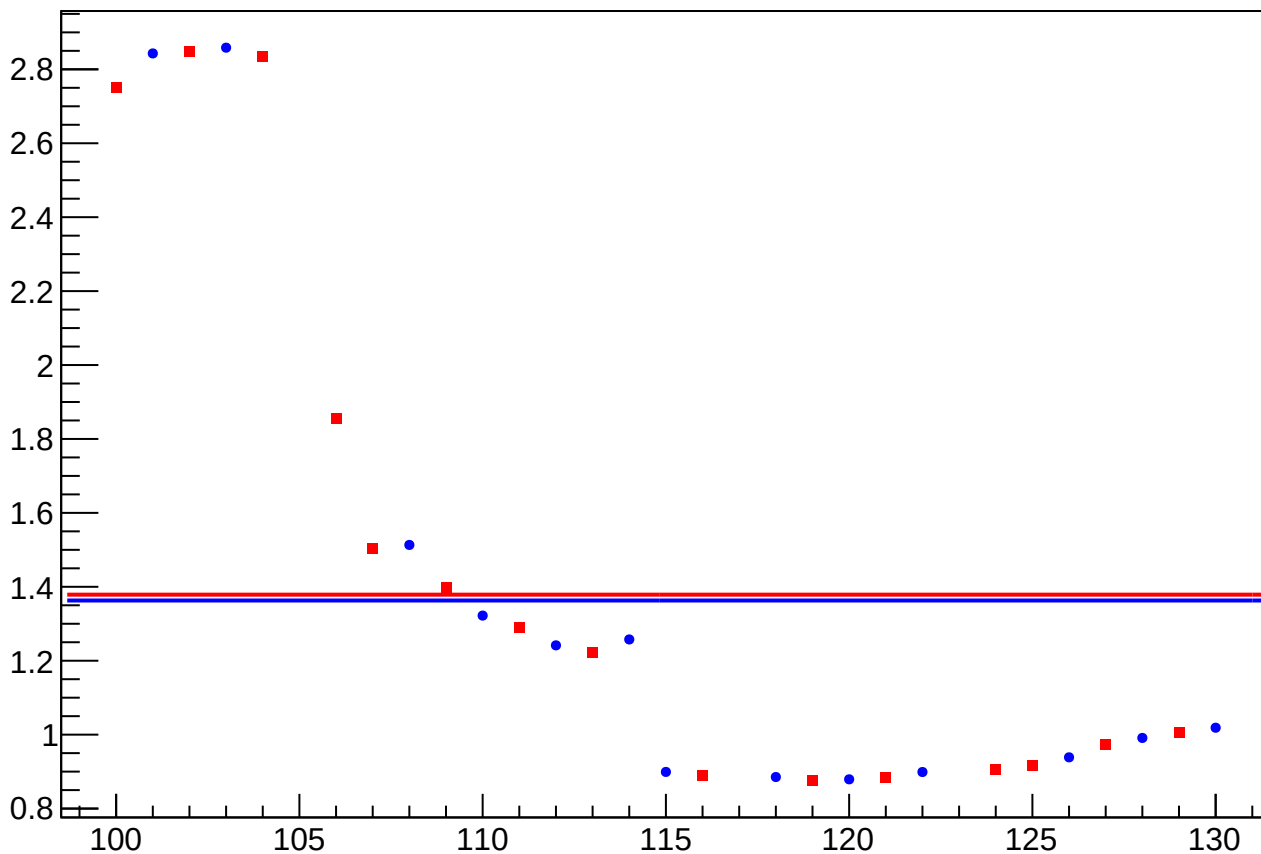
Right: 0.007+/-0.000 χ^2/NDF : 312896.0/27

In: 0.007+/-0.000 χ^2/NDF :173738.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 312896.0/27

yield_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 1.363+/-0.000 χ^2/NDF : 55187378218.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.379+/-0.000 χ^2/NDF : 52355574167.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

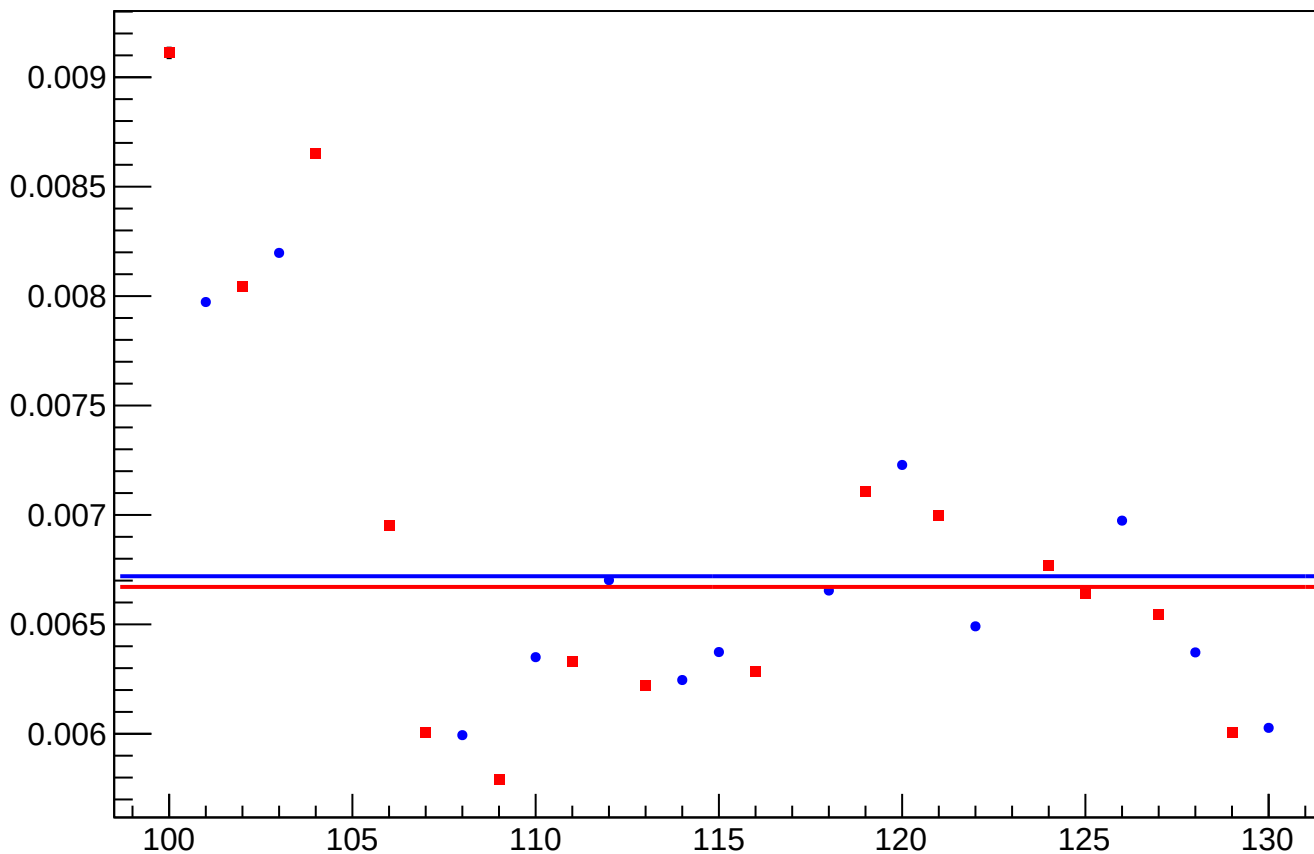
Right: 1.371+/-0.000 χ^2/NDF : 107558657157.8/27

In: 1.363+/-0.000 χ^2/NDF : 55187378218.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.371+/-0.000 χ^2/NDF : 107558657157.8

yield_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 110307.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 160660.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

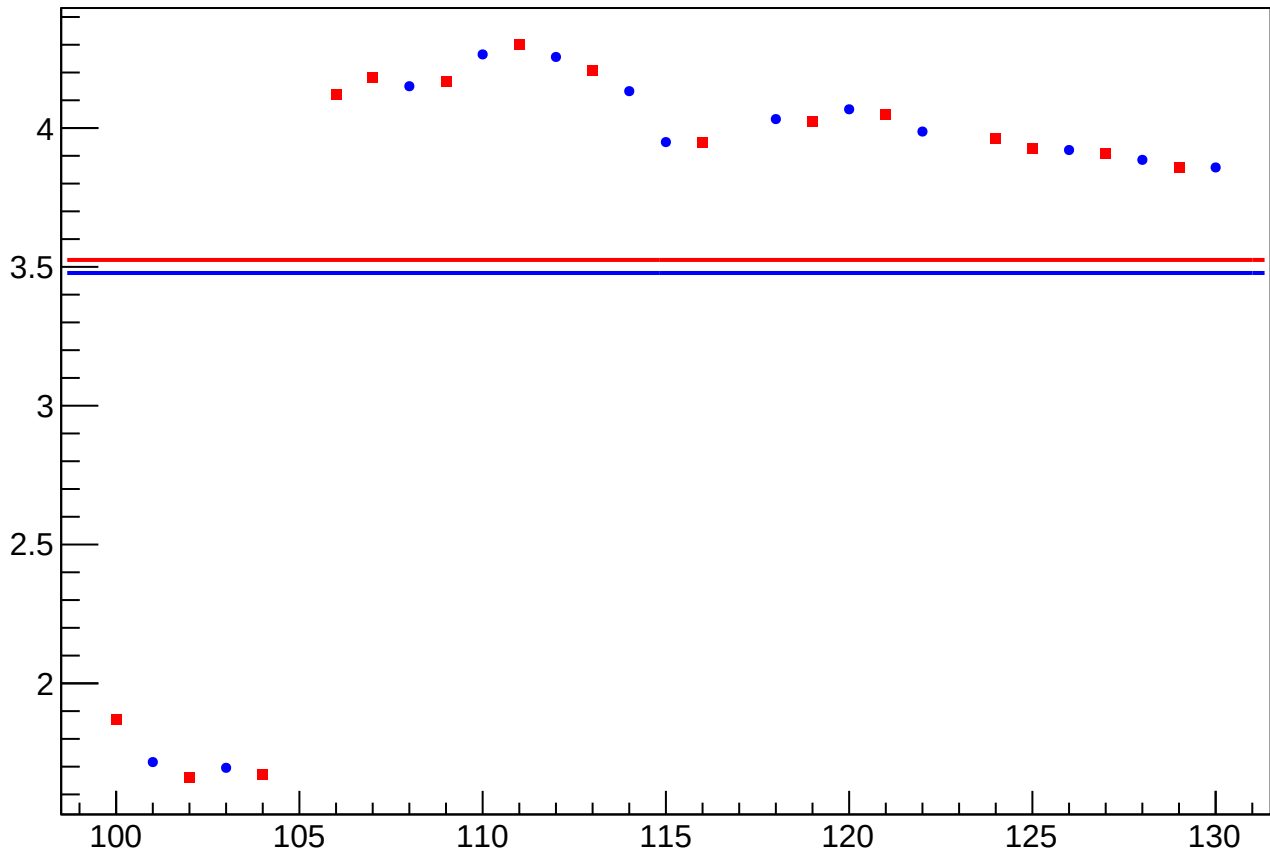
Right: 0.007+/-0.000 χ^2/NDF : 271267.3/27

In: 0.007+/-0.000 χ^2/NDF :110307.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 271267.3/27

yield_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 3.478+/-0.000 χ^2/NDF : 190058465348.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.525+/-0.000 χ^2/NDF : 200850943534.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

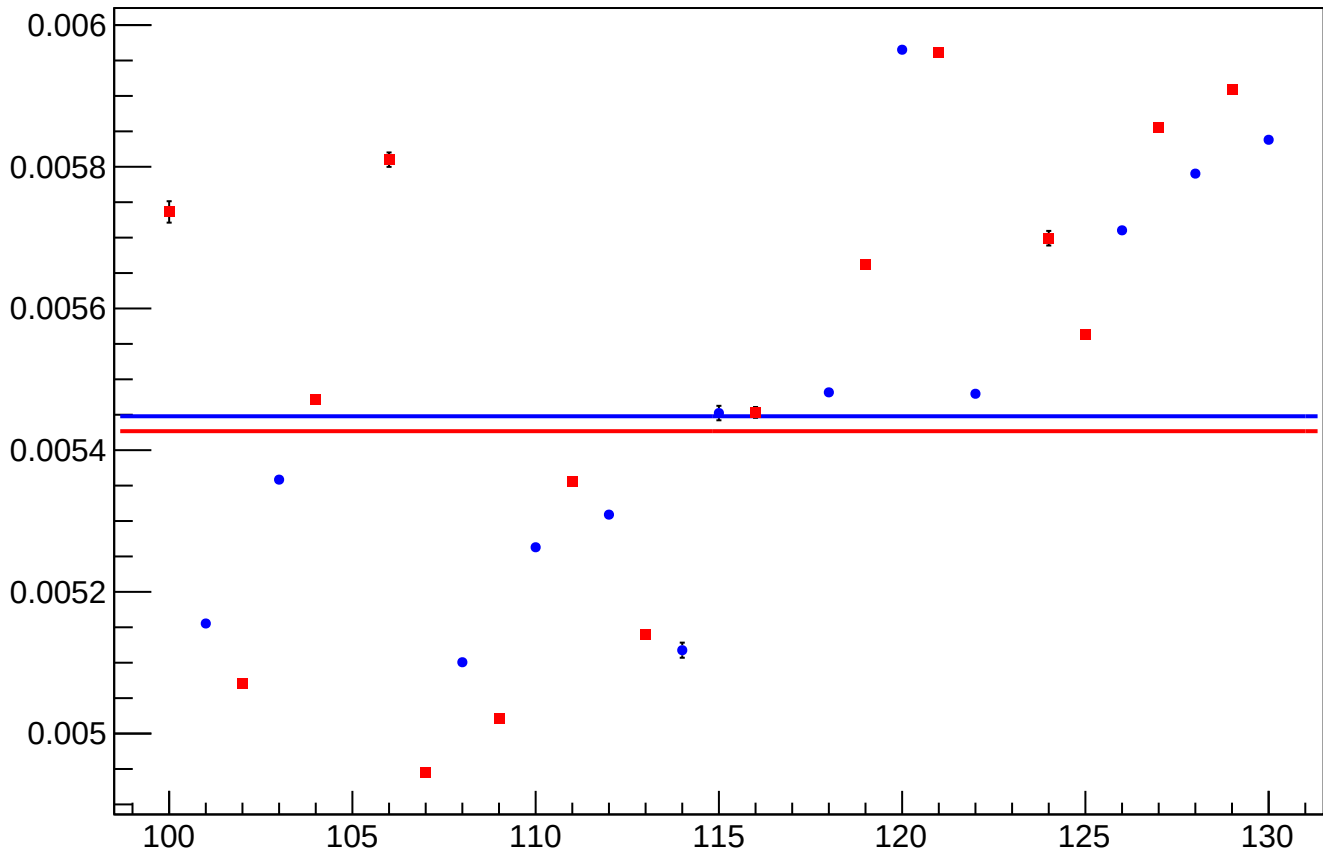
Right: 3.502+/-0.000 χ^2/NDF : 391119176721.3/27

In: 3.478+/-0.000 χ^2/NDF : 190058465348.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.502+/-0.000 χ^2/NDF : 391119176721.3

yield_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 26072.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 43815.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

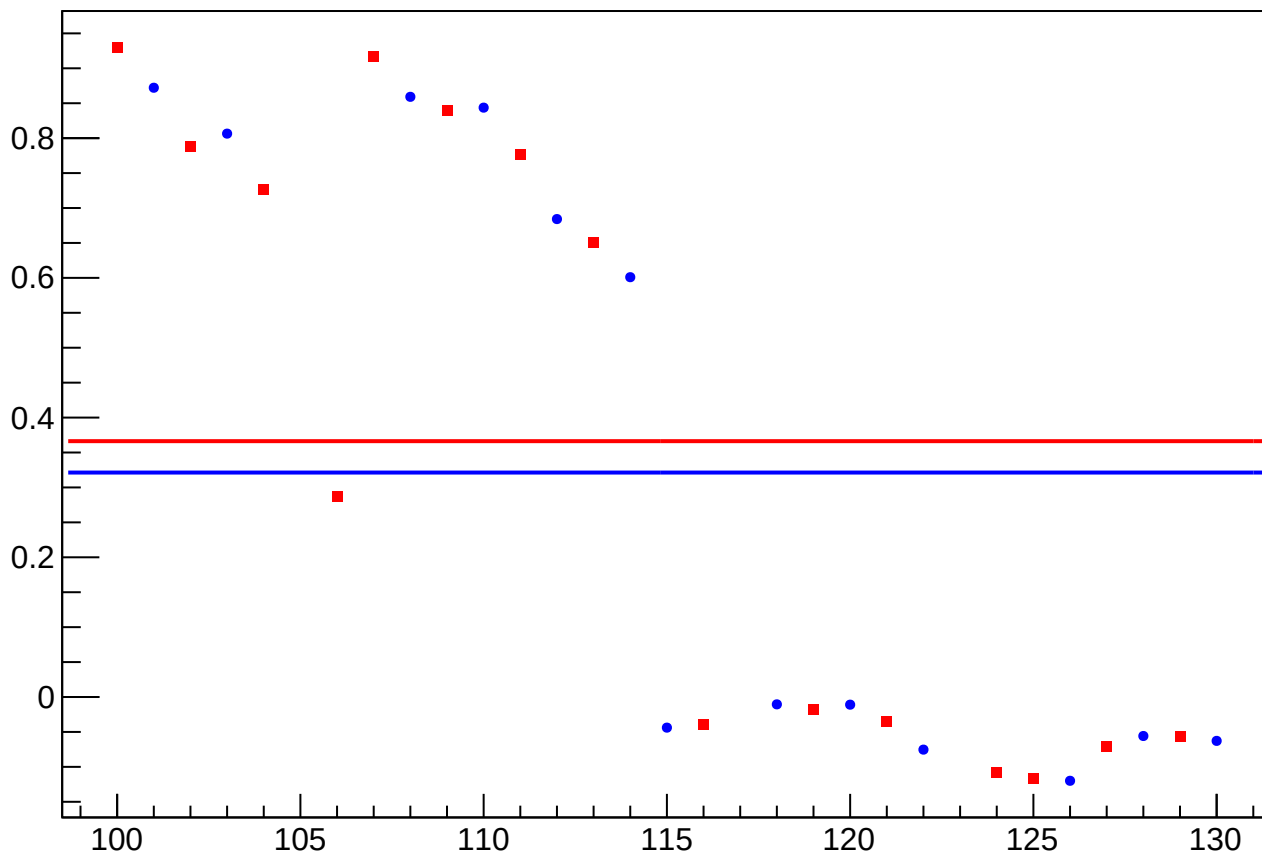
Right: 0.005+/-0.000 χ^2/NDF : 69972.2/27

In: 0.005+/-0.000 χ^2/NDF :26072.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 69972.2/27

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.321+/-0.000

χ^2/NDF : 5138414922.8/12

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.344+/-0.000

χ^2/NDF : 10176242006.0/27

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.321+/-0.000

χ^2/NDF : 5138414922.8/12

Right Out: 0.366+/-0.000

χ^2/NDF : 5009308779.9/14

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

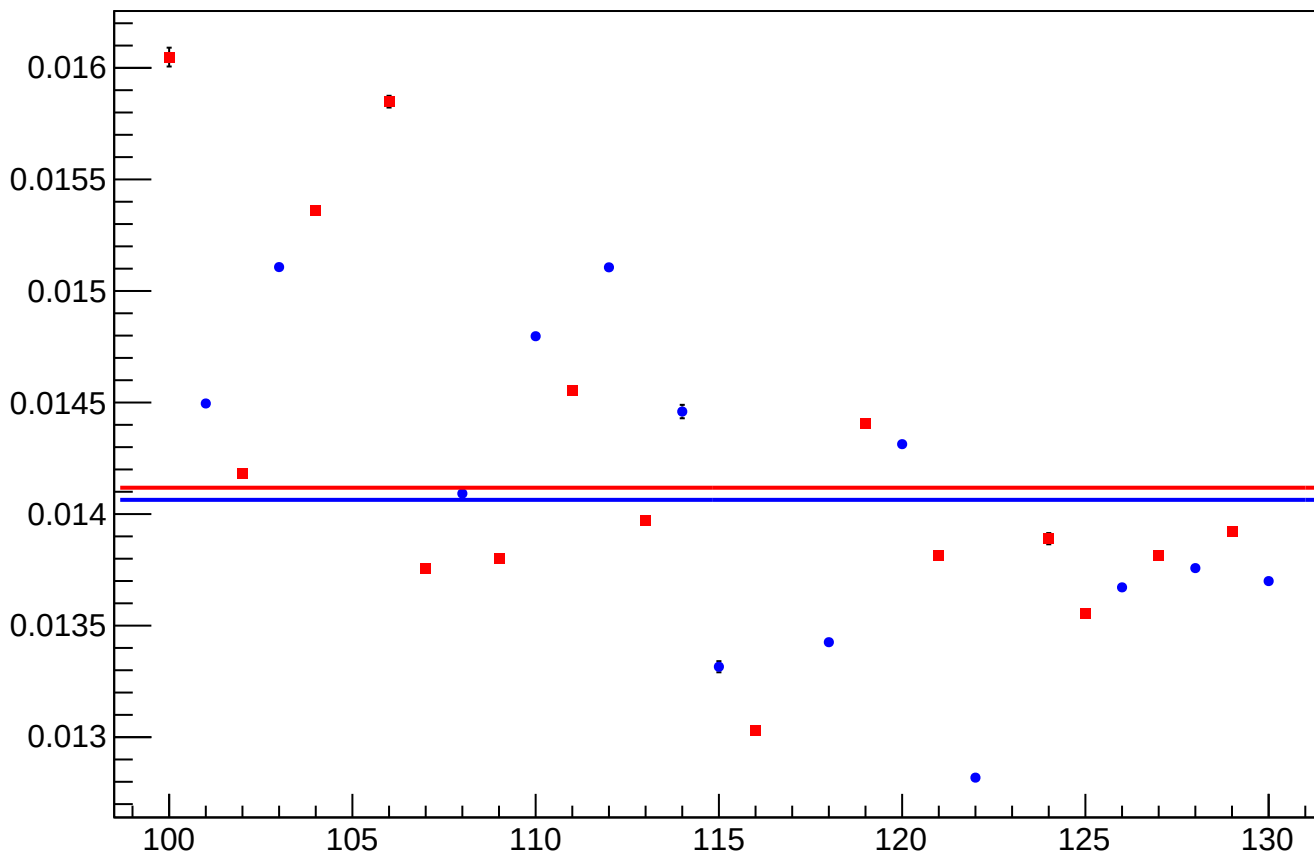
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.344+/-0.000

χ^2/NDF : 10176242006.0/27

yield_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 26631.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 21343.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

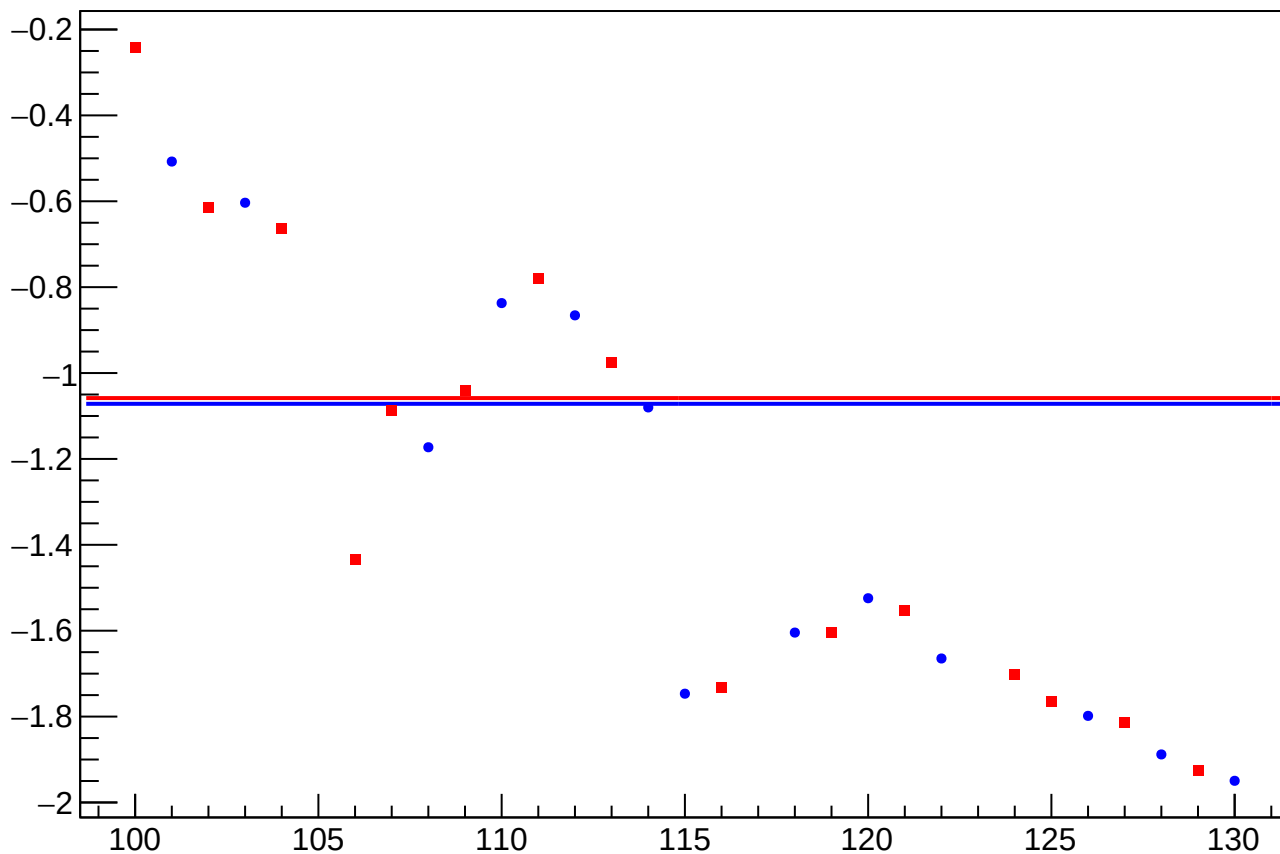
Right: 0.014+/-0.000 χ^2/NDF : 48058.7/27

In: 0.014+/-0.000 χ^2/NDF : 26631.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 48058.7/27

yield_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: -1.072+/-0.000 χ^2/NDF : 53460863497.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.058+/-0.000 χ^2/NDF : 43102594881.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

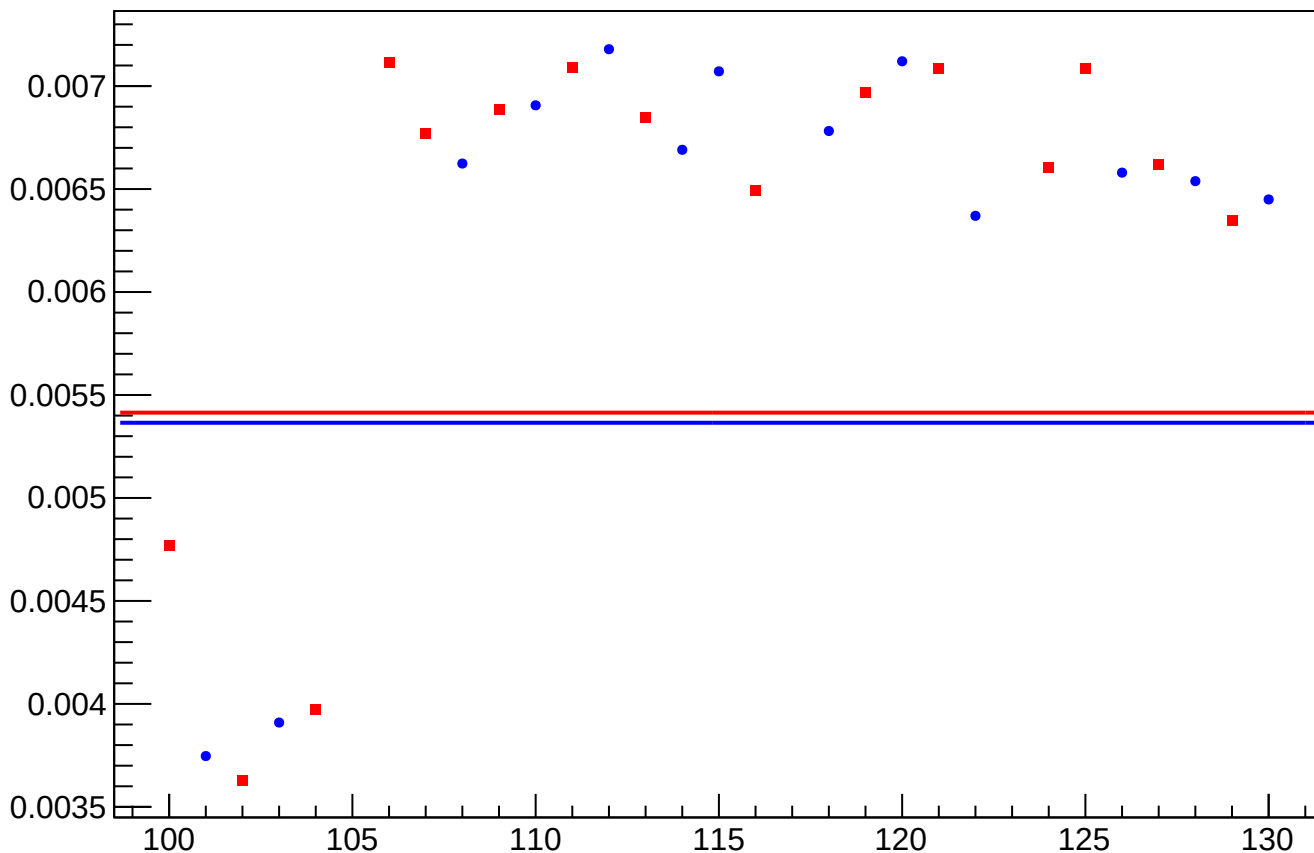
Right: -1.065+/-0.000 χ^2/NDF : 96578658857.3/27

In: -1.072+/-0.000 χ^2/NDF : 53460863497.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.065+/-0.000 χ^2/NDF : 96578658857.3/27

yield_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 712059.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 800284.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

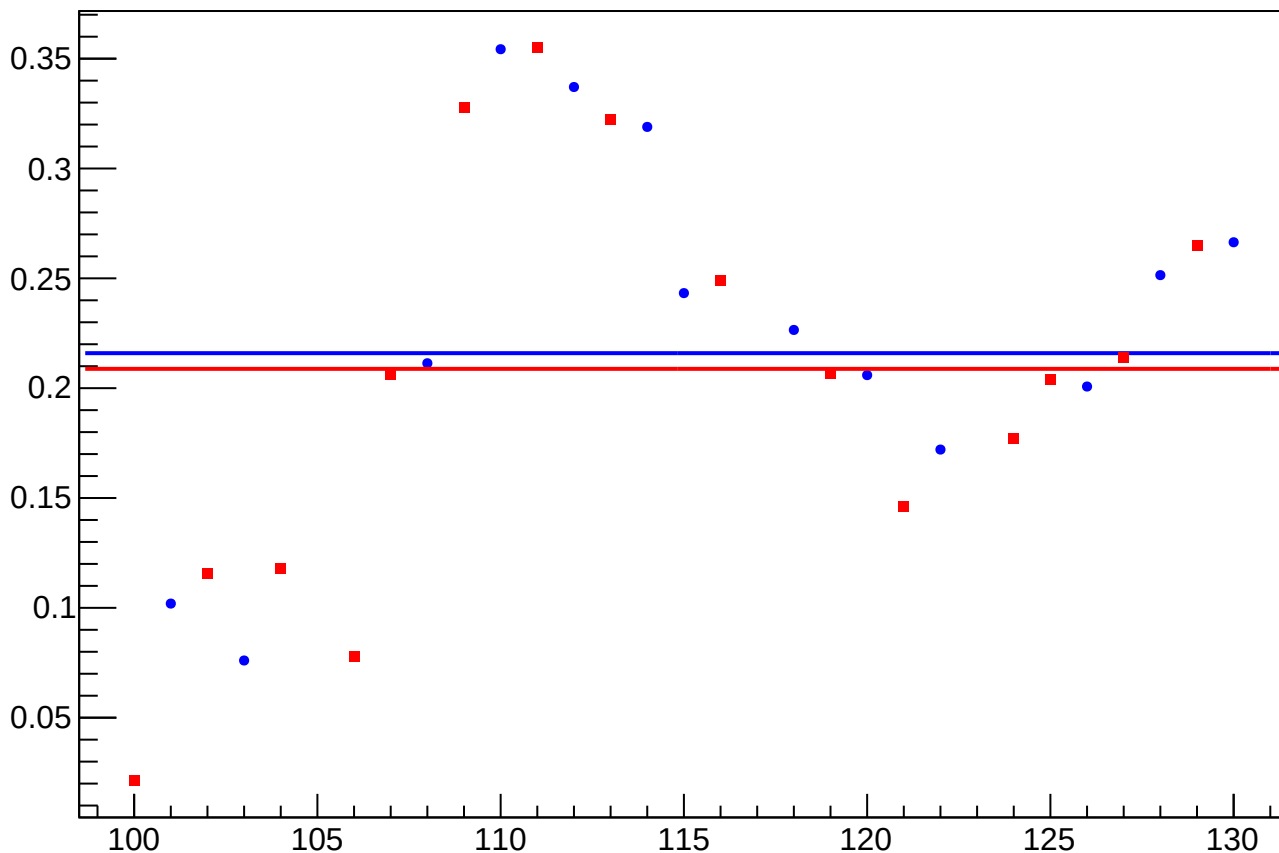
Right: 0.005+/-0.000 χ^2/NDF : 1512755.0/27

In: 0.005+/-0.000 χ^2/NDF : 712059.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1512755.0/27

yield_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 0.216+/-0.000

χ^2/NDF : 15796273048.7/12

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.212+/-0.000 χ^2/NDF : 36661866114.6/27

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.216+/-0.000 χ^2/NDF : 15796273048.7/12

Right Out: 0.209+/-0.000

χ^2/NDF : 20794733606.8/14

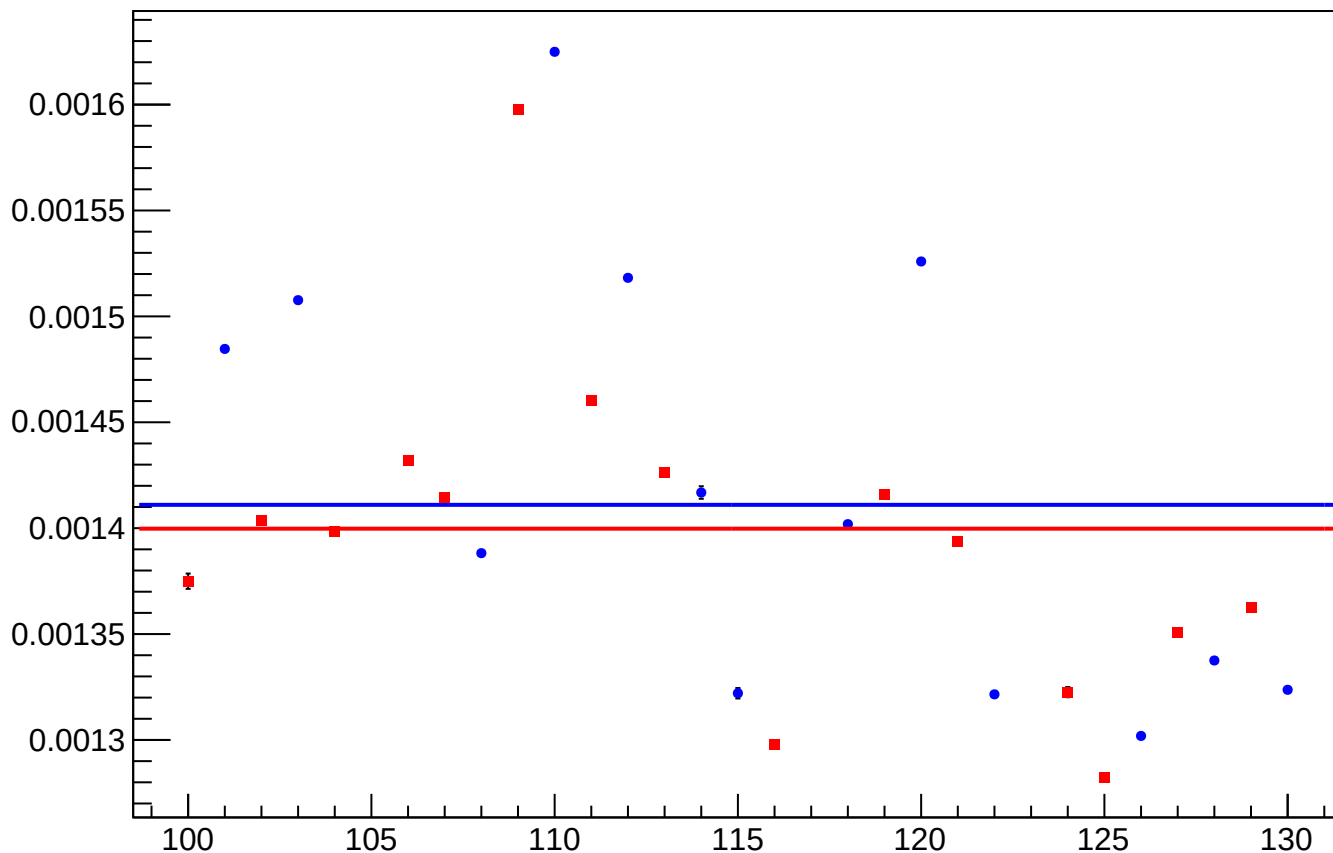
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.212+/-0.000 χ^2/NDF : 36661866114.6/27

yield_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 46290.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 29950.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

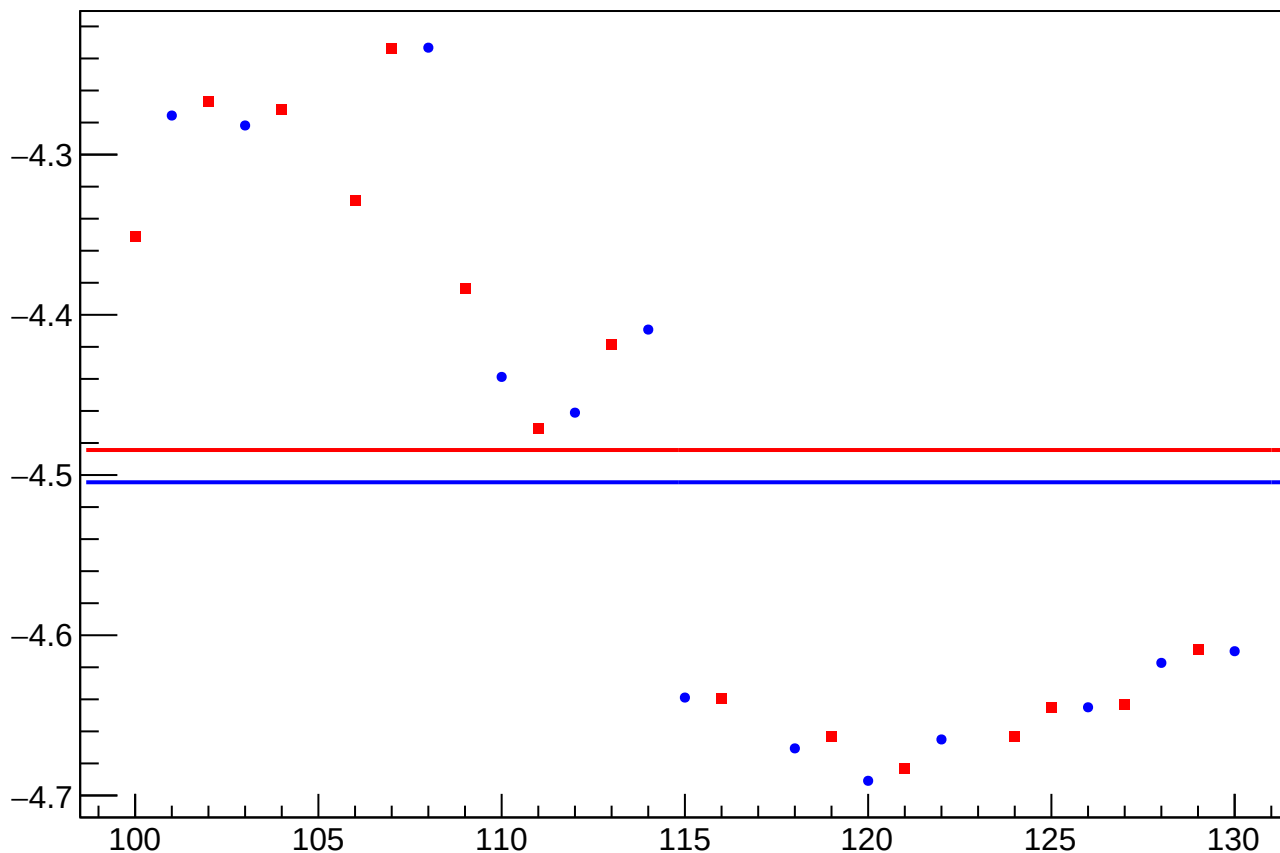
Right: 0.001+/-0.000 χ^2/NDF : 76593.4/27

In: 0.001+/-0.000 χ^2/NDF :46290.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 76593.4/27

yield_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -4.505+/-0.000 χ^2/NDF : 56356191722.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.484+/-0.000 χ^2/NDF : 52962969105.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

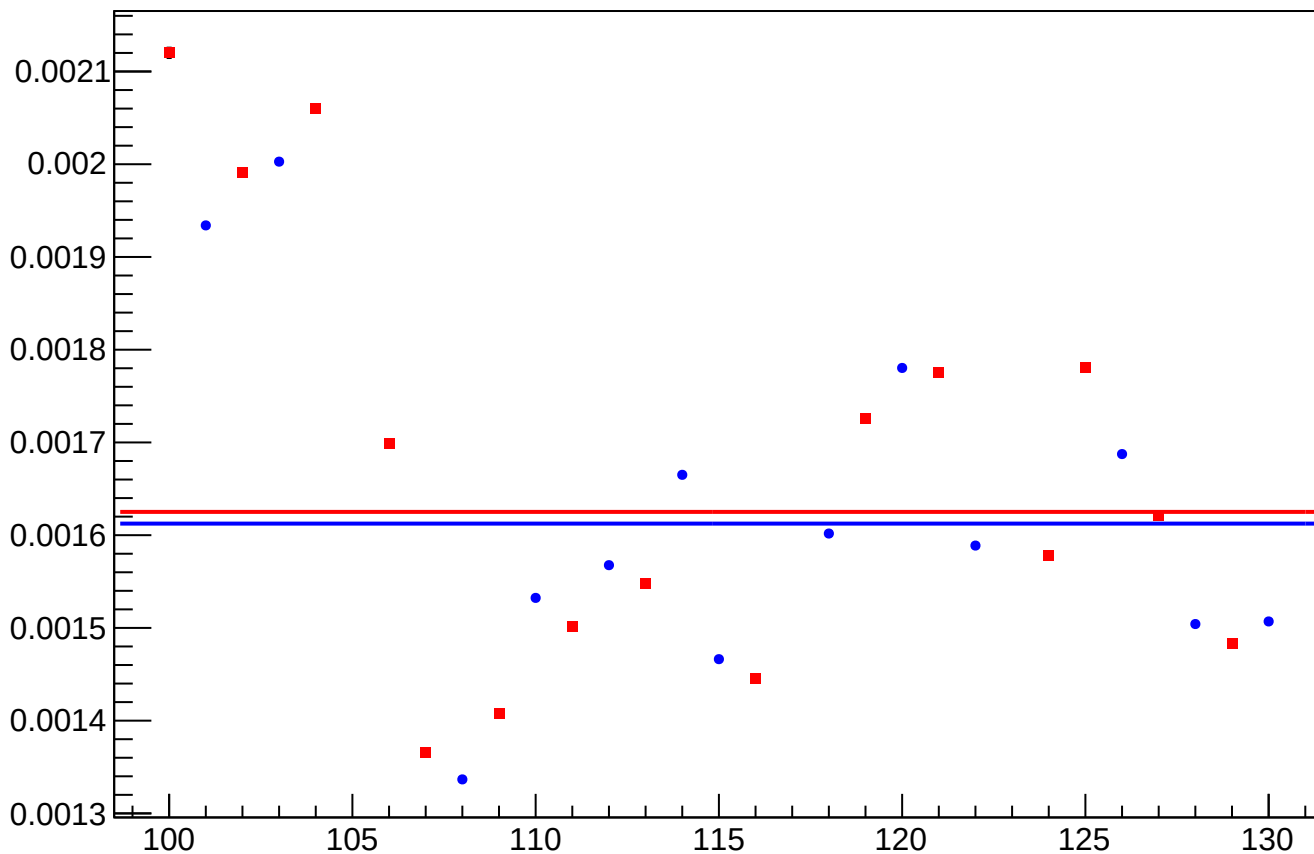
Right: -4.494+/-0.000 χ^2/NDF : 109740695199.2/27

In: -4.505+/-0.000 χ^2/NDF : 56356191722.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.494+/-0.000 χ^2/NDF : 109740695199.2

yield_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 138456.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 179168.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

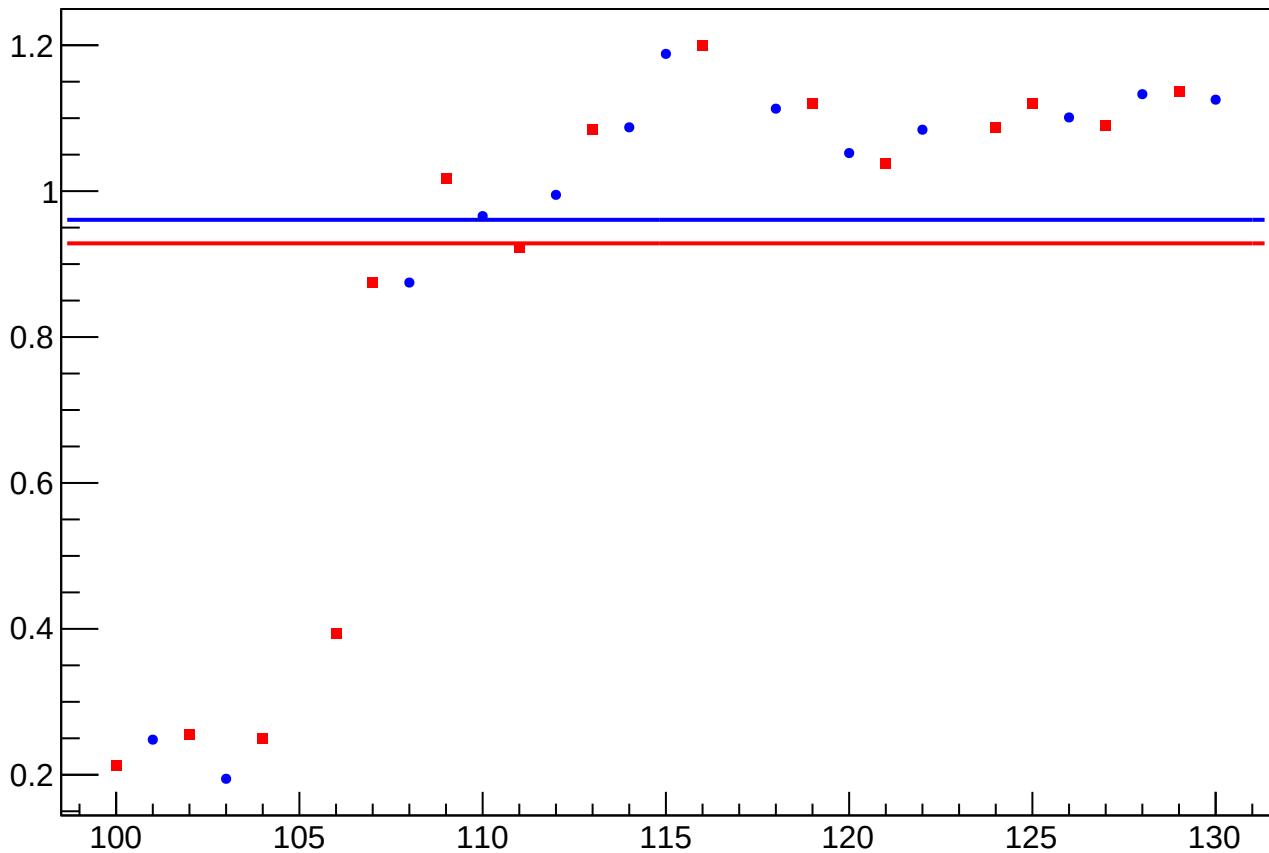
Right: 0.002+/-0.000 χ^2/NDF : 317957.4/27

In: 0.002+/-0.000 χ^2/NDF : 138456.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 317957.4/27

yield_bpm2i02X_mean vs Slug, Sign Corrected



Right In: 0.961+/-0.000 χ^2/NDF : 11040545710.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.928+/-0.000 χ^2/NDF : 13884631294.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

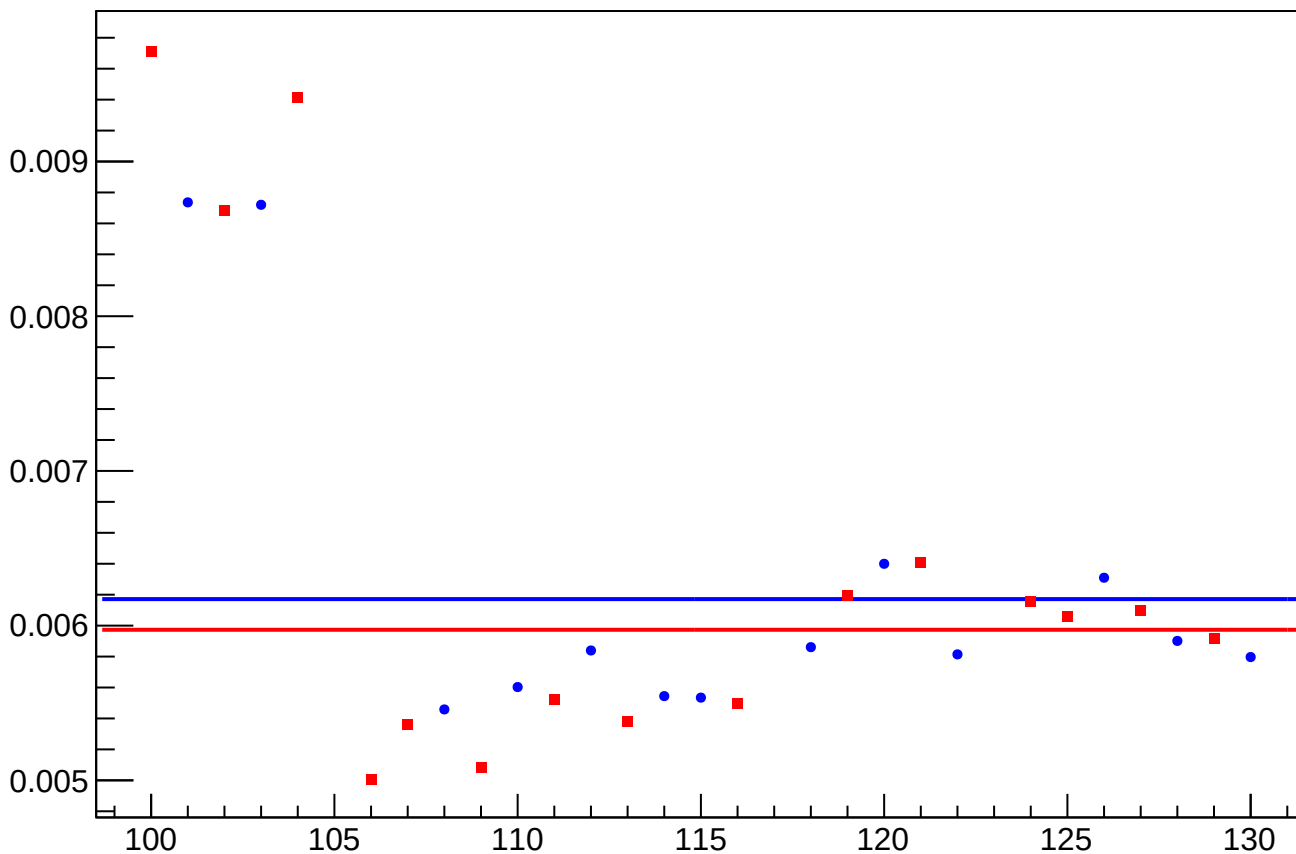
Right: 0.943+/-0.000 χ^2/NDF : 25003414588.7/27

In: 0.961+/-0.000 χ^2/NDF : 11040545710.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.943+/-0.000 χ^2/NDF : 25003414588.7/27

yield_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 259445.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 377802.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

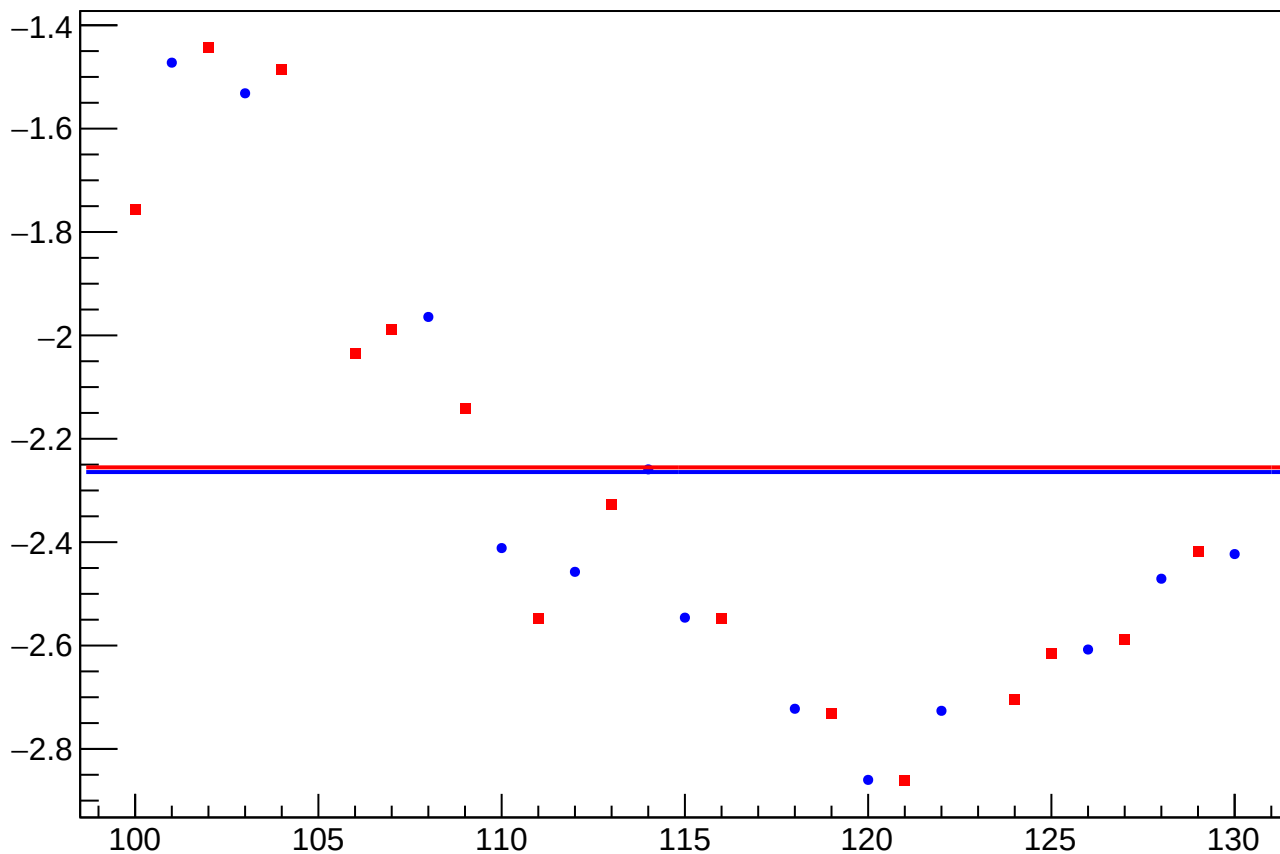
Right: 0.006+/-0.000 χ^2/NDF : 643144.2/27

In: 0.006+/-0.000 χ^2/NDF :259445.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 643144.2/27

yield_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -2.264+/-0.000 χ^2/NDF : 37277805900.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.255+/-0.000 χ^2/NDF : 37864889134.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

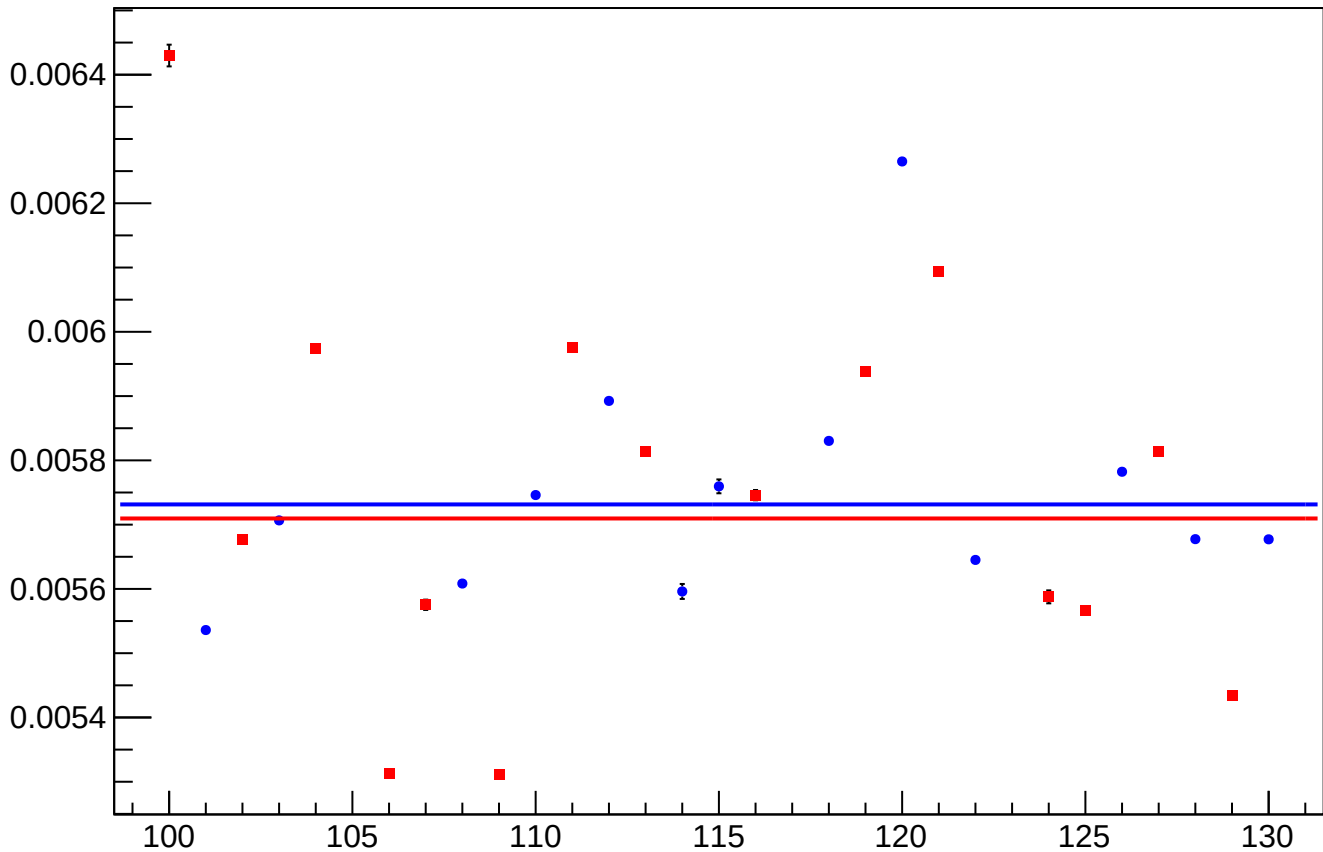
Right: -2.260+/-0.000 χ^2/NDF : 75149894865.5/27

In: -2.264+/-0.000 χ^2/NDF : 37277805900.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.260+/-0.000 χ^2/NDF : 75149894865.5/27

yield_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 8735.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 24176.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

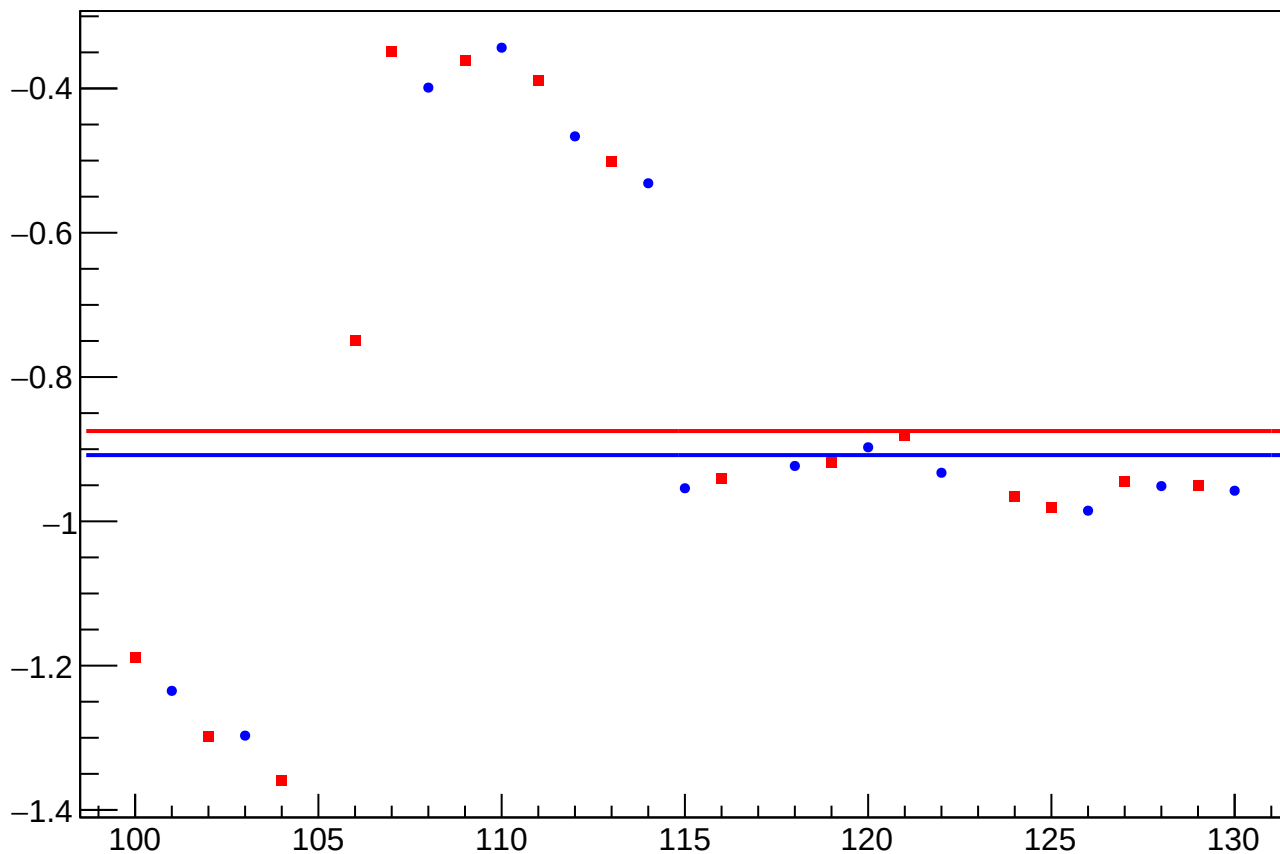
Right: 0.006+/-0.000 χ^2/NDF : 32996.0/27

In: 0.006+/-0.000 χ^2/NDF : 8735.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 32996.0/27

yield_bpm0i01X_mean vs Slug, Sign Corrected



Right In: -0.908+/-0.000 χ^2/NDF : 4162295946.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.875+/-0.000 χ^2/NDF : 5761366451.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

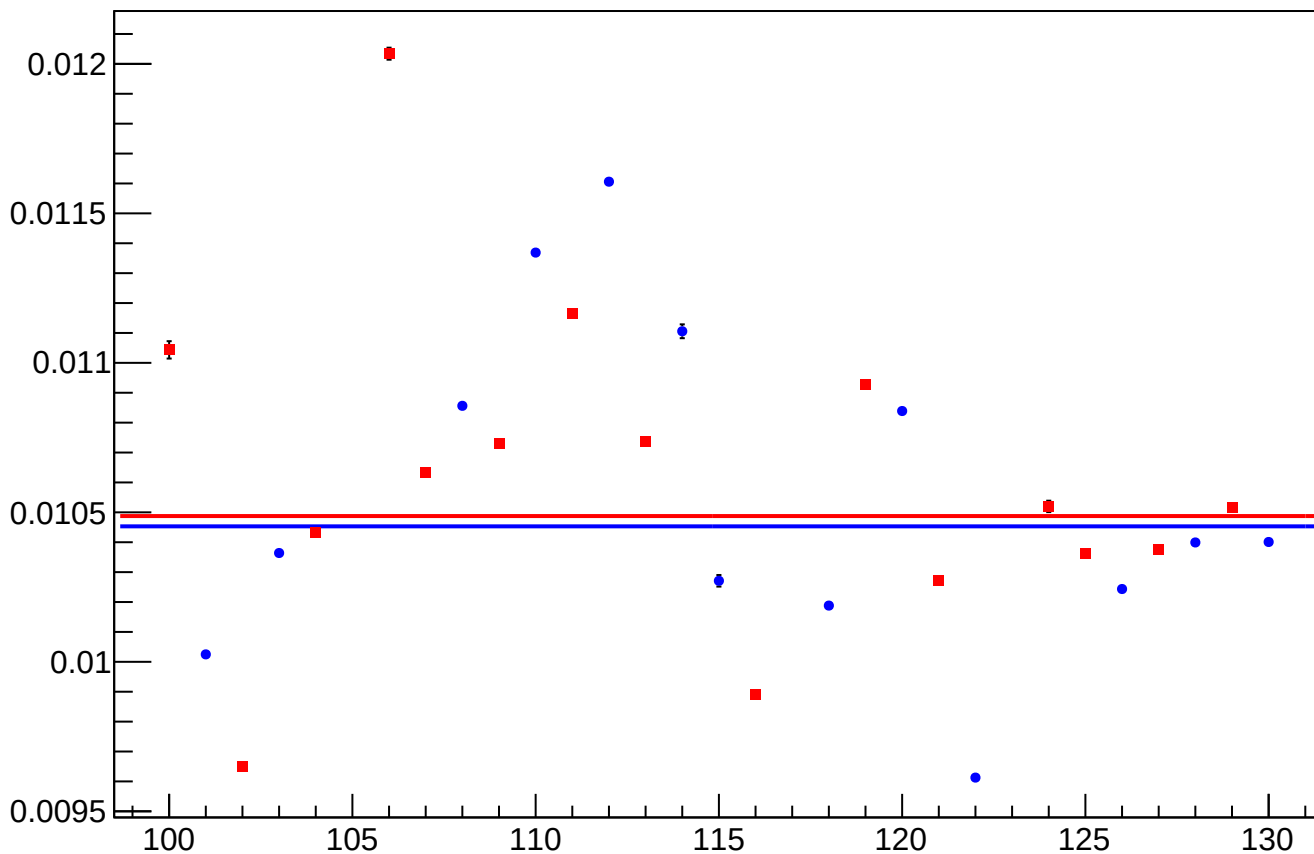
Right: -0.891+/-0.000 χ^2/NDF : 9951934021.4/27

In: -0.908+/-0.000 χ^2/NDF :4162295946.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.891+/-0.000 χ^2/NDF : 9951934021.4/2

yield_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 26928.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 24772.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

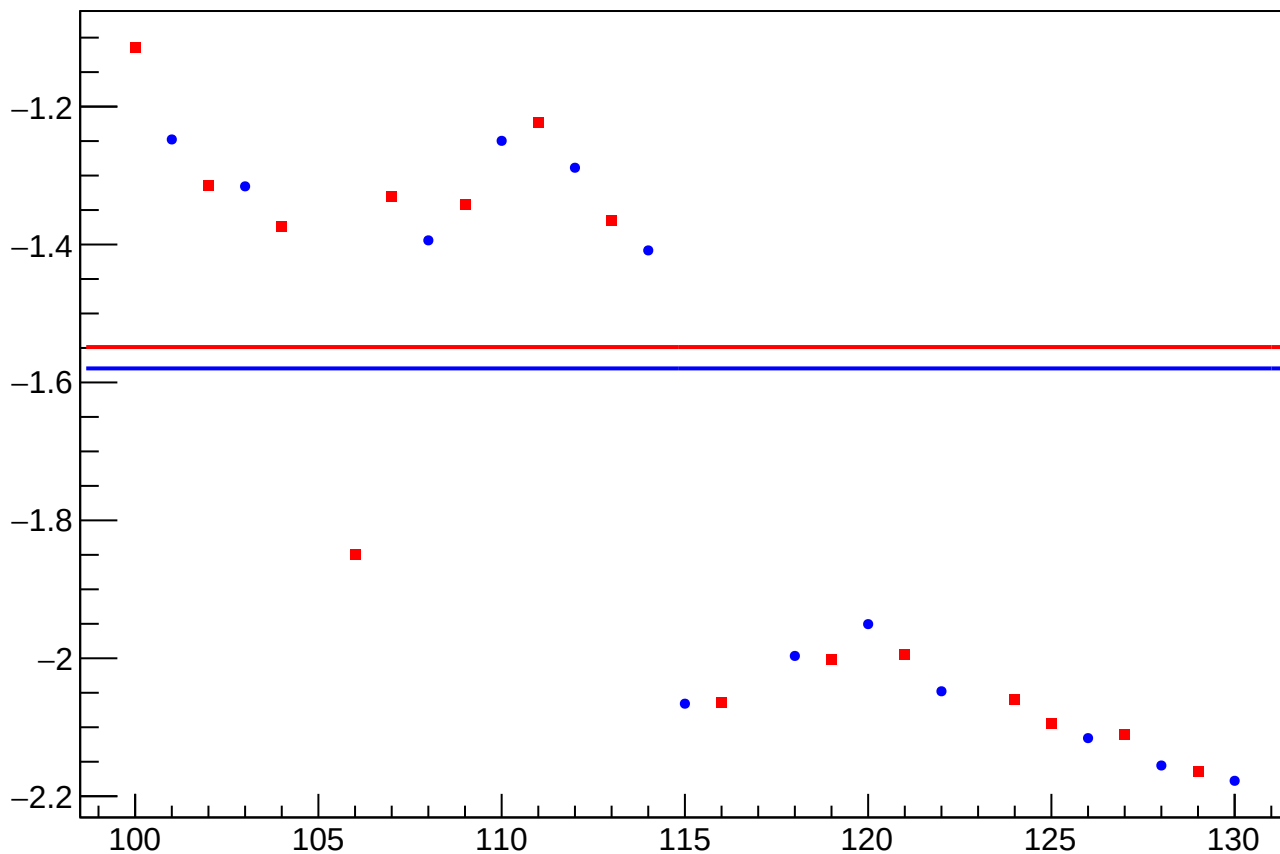
Right: 0.010+/-0.000 χ^2/NDF : 51761.1/27

In: 0.010+/-0.000 χ^2/NDF : 26928.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 51761.1/27

yield_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: -1.580+/-0.000 χ^2/NDF : 121715428587.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.549+/-0.000 χ^2/NDF : 105103542998.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

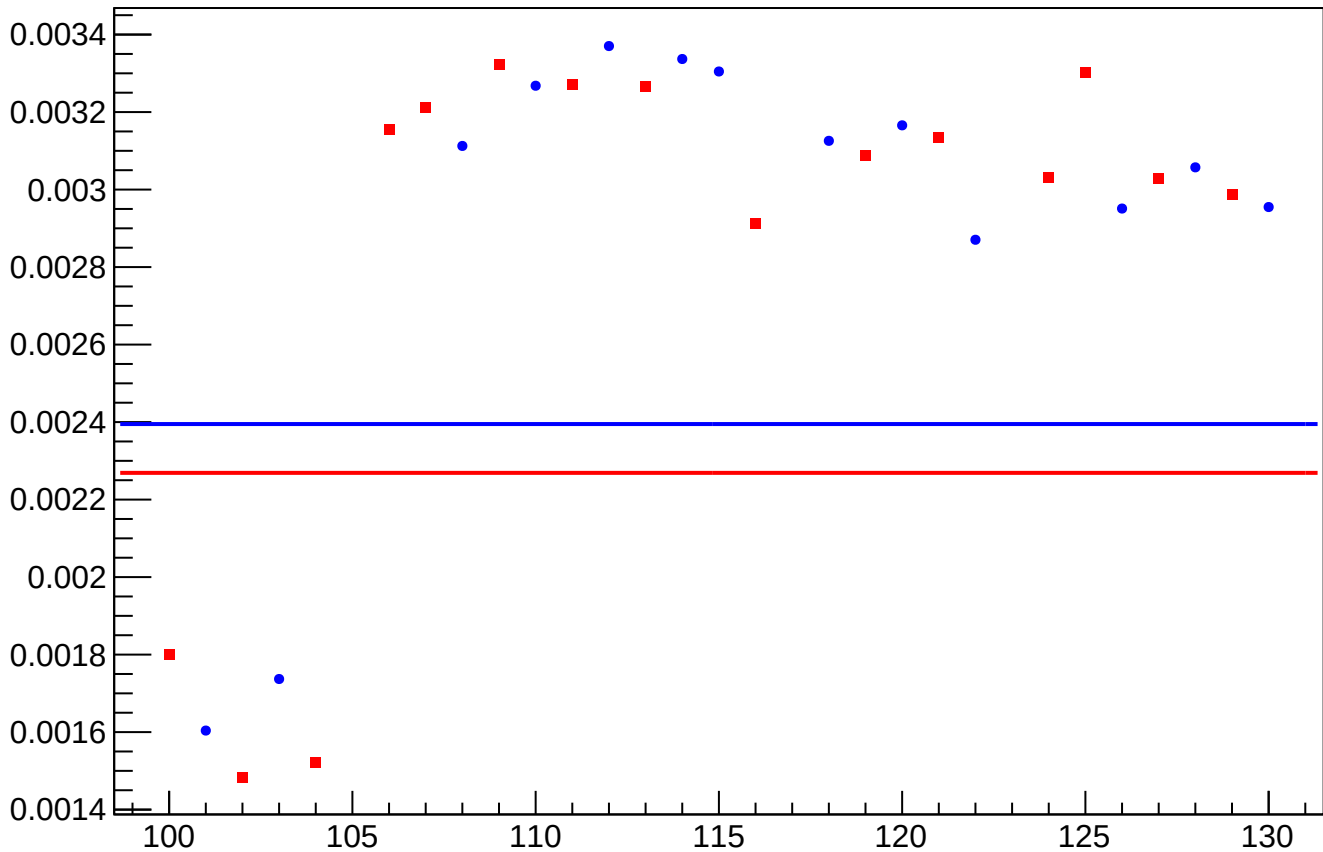
Right: -1.563+/-0.000 χ^2/NDF : 227227911544.4/27

In: -1.580+/-0.000 χ^2/NDF : 121715428587.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.563+/-0.000 χ^2/NDF : 227227911544.4

yield_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 847466.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1210766.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

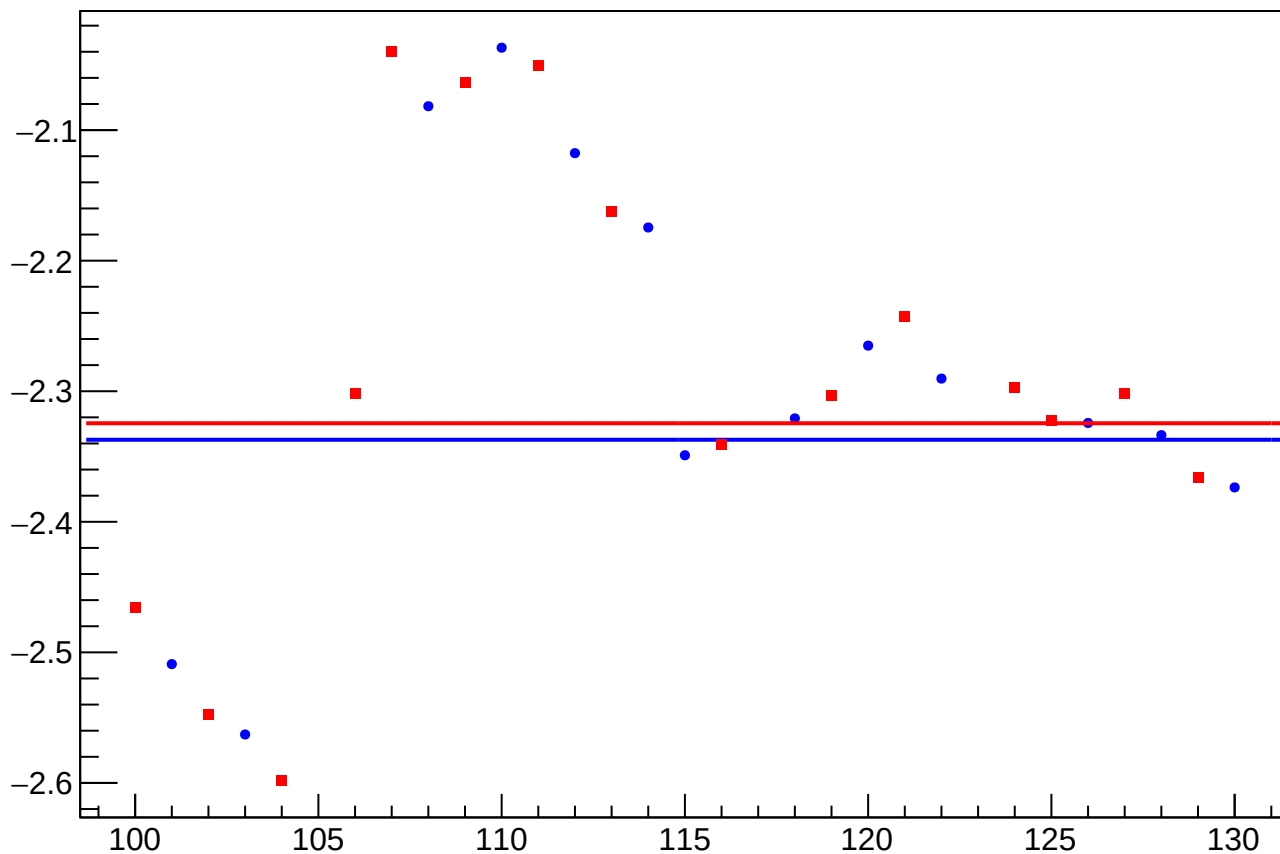
Right: 0.002+/-0.000 χ^2/NDF : 2071749.0/27

In: 0.002+/-0.000 χ^2/NDF :847466.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2071749.0/27

yield_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: -2.337+/-0.000 χ^2/NDF : 3234586358.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.325+/-0.000 χ^2/NDF : 4546985782.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

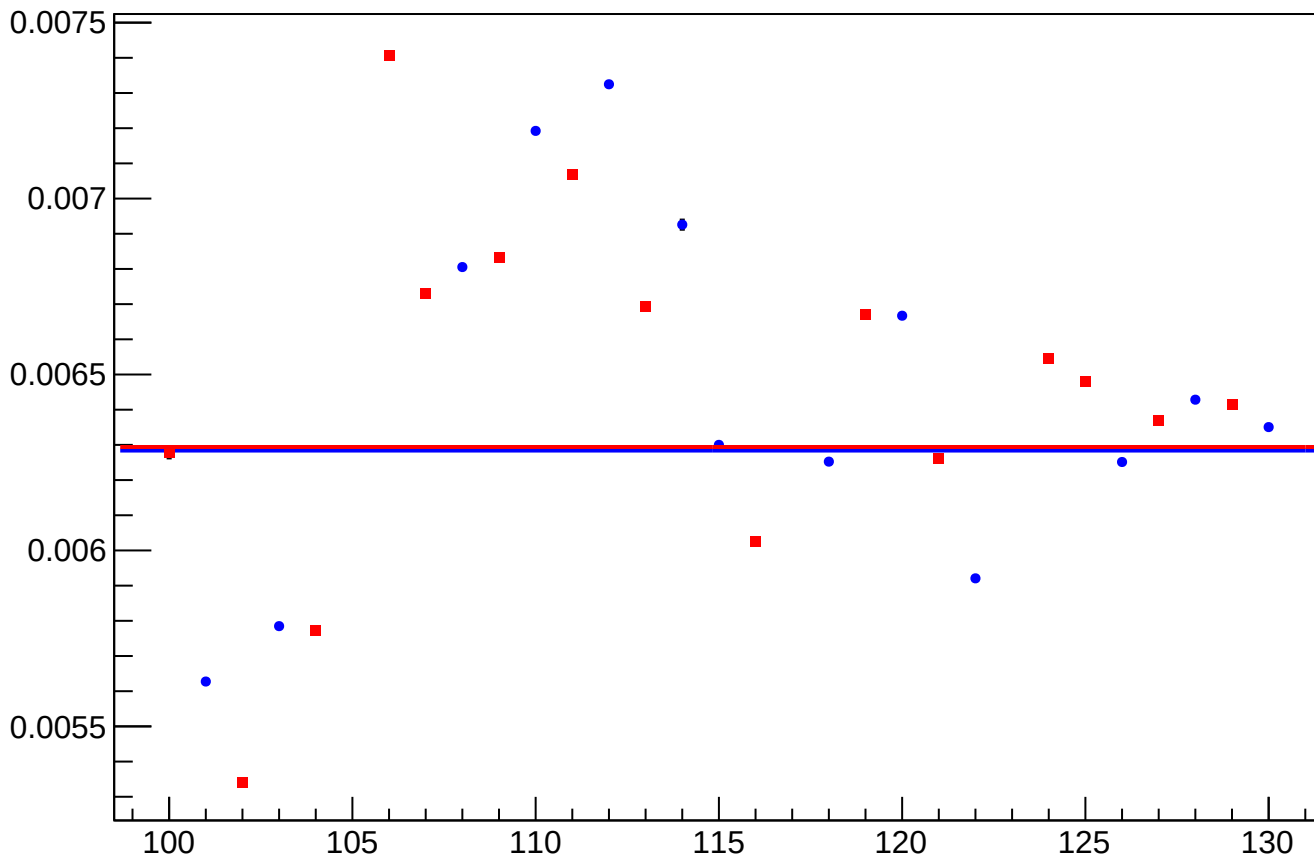
Right: -2.331+/-0.000 χ^2/NDF : 7792630623.0/27

In: -2.337+/-0.000 χ^2/NDF :3234586358.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.331+/-0.000 χ^2/NDF : 7792630623.0/27

yield_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 69494.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 85752.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

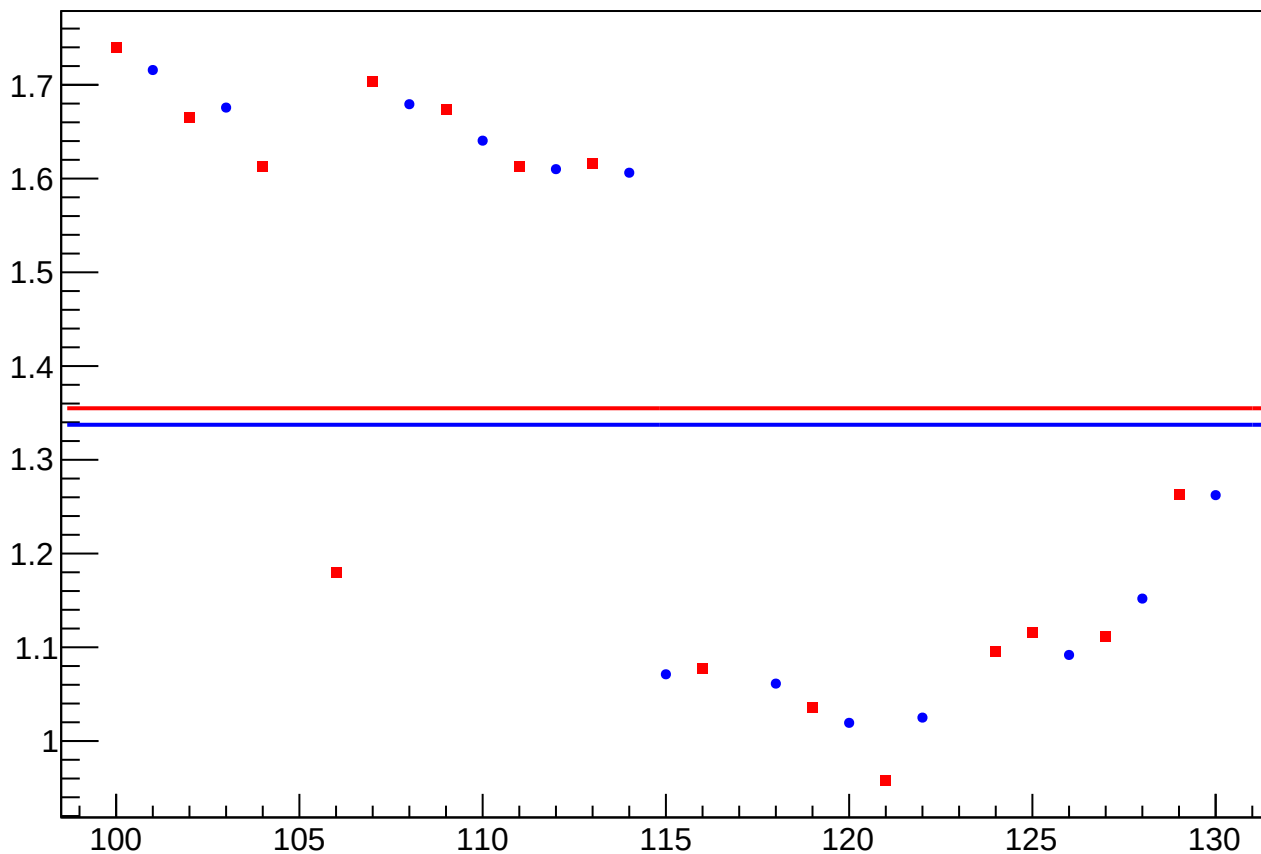
Right: 0.006+/-0.000 χ^2/NDF : 155261.1/27

In: 0.006+/-0.000 χ^2/NDF : 69494.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 155261.1/27

yield_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 1.337+/-0.000

χ^2/NDF : 100287523339.7/12

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 1.346+/-0.000

χ^2/NDF : 205376705754.2/27

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 1.337+/-0.000

χ^2/NDF : 100287523339.7/12

Right Out: 1.355+/-0.000

χ^2/NDF : 104884771787.3/14

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

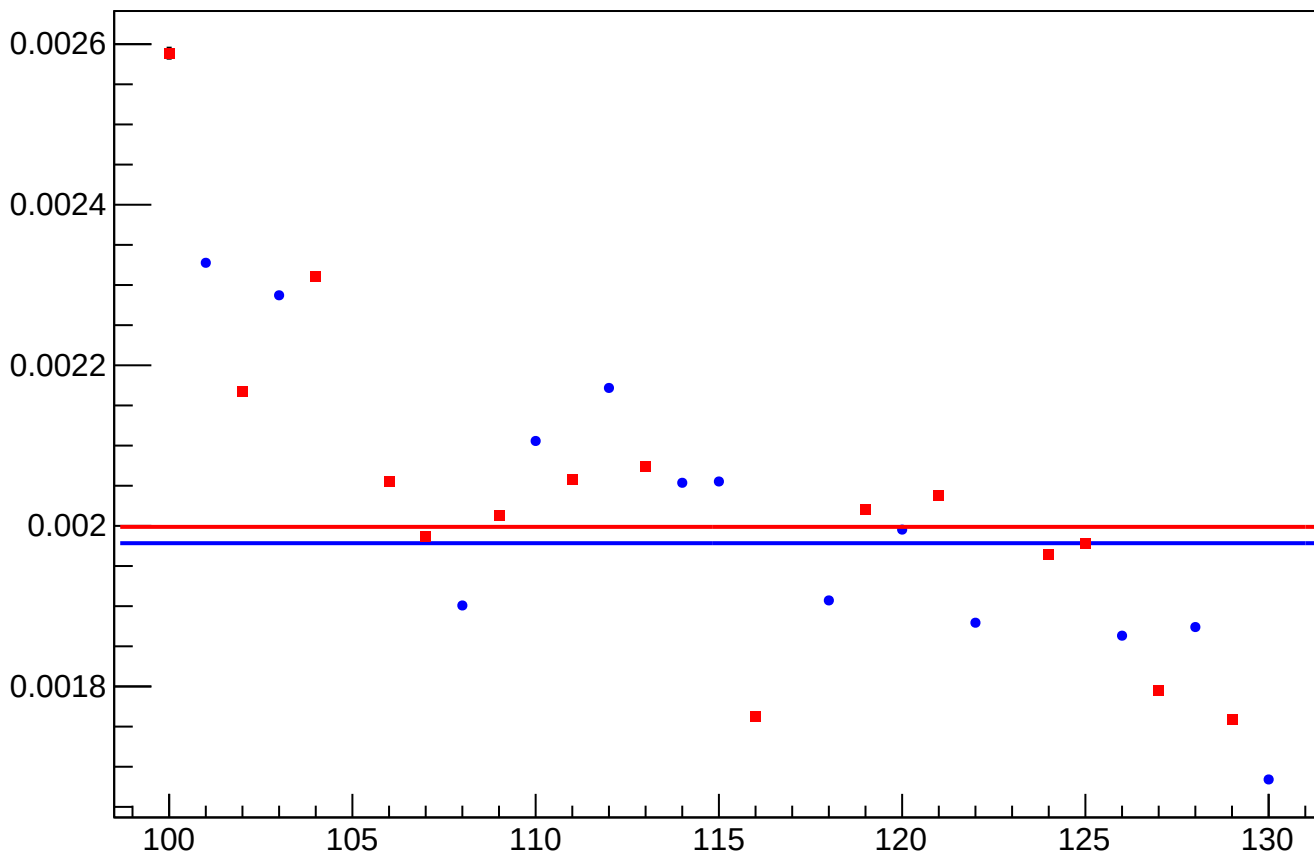
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.346+/-0.000

χ^2/NDF : 205376705754.2

yield_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 100616.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 71696.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

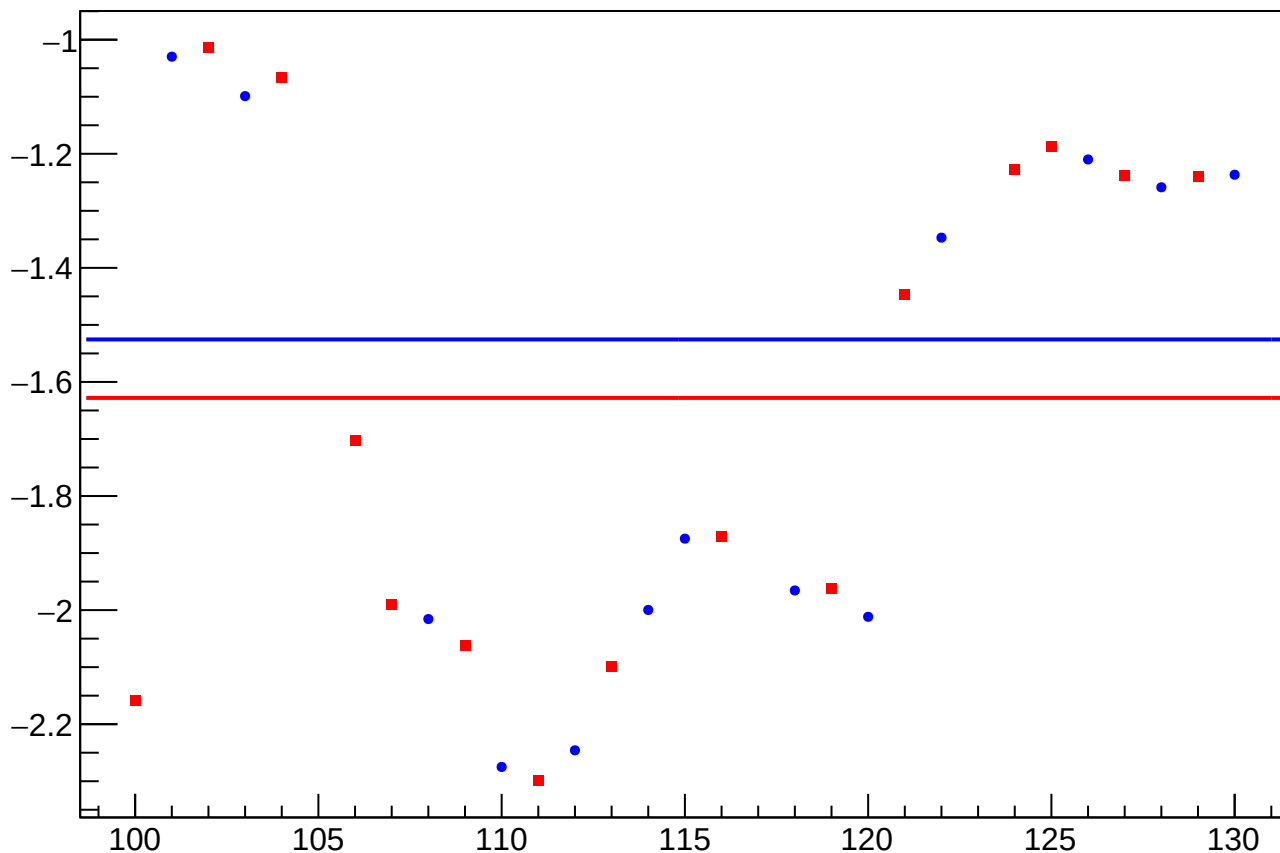
Right: 0.002+/-0.000 χ^2/NDF : 172858.1/27

In: 0.002+/-0.000 χ^2/NDF : 100616.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 172858.1/27

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.525+/-0.000

χ^2/NDF : 22174328545.2/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: -1.628+/-0.000

χ^2/NDF : 27357071040.6/14

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: -1.581+/-0.000

χ^2/NDF : 50152037011.9/27

In: -1.525+/-0.000

χ^2/NDF : 22174328545.2/12

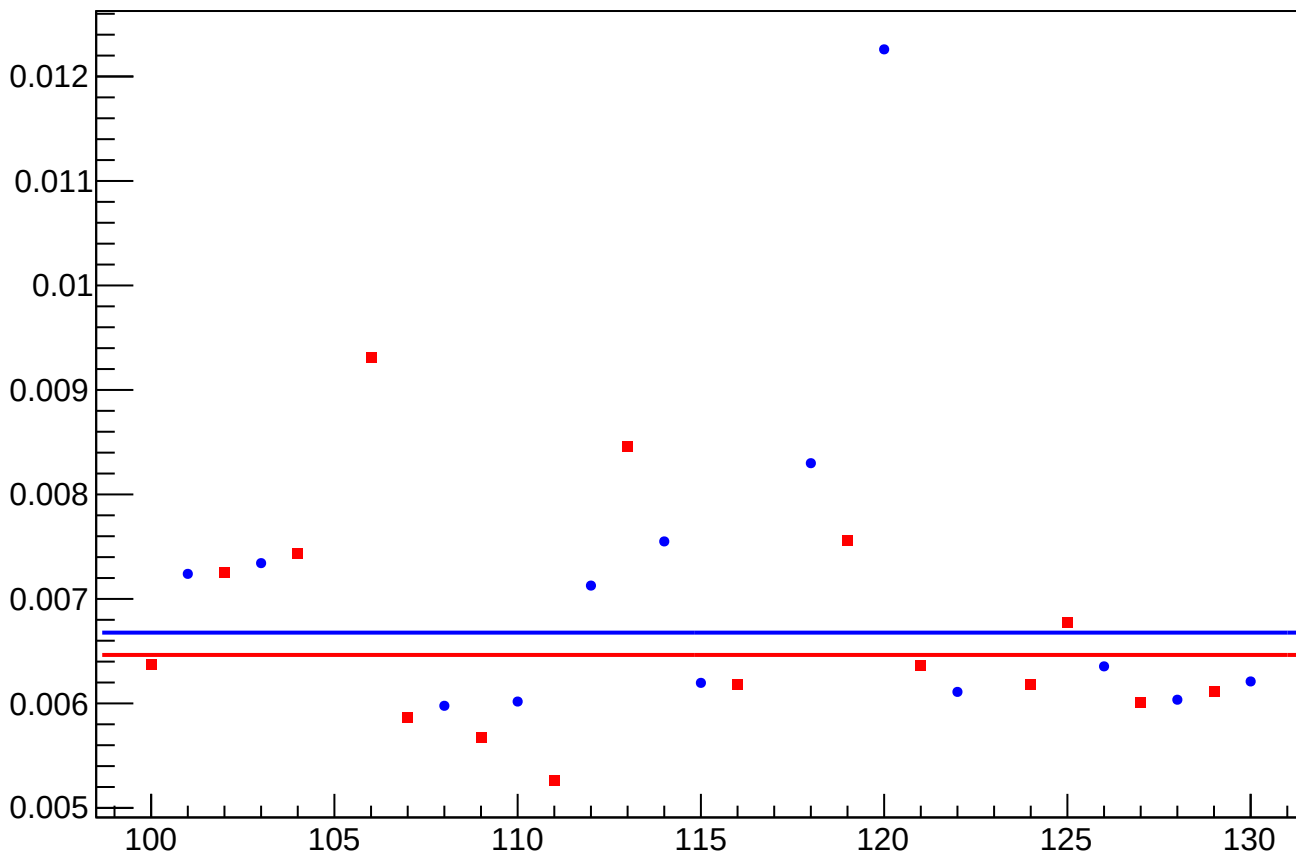
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: -1.581+/-0.000

χ^2/NDF : 50152037011.9/27

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 216864.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 220636.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

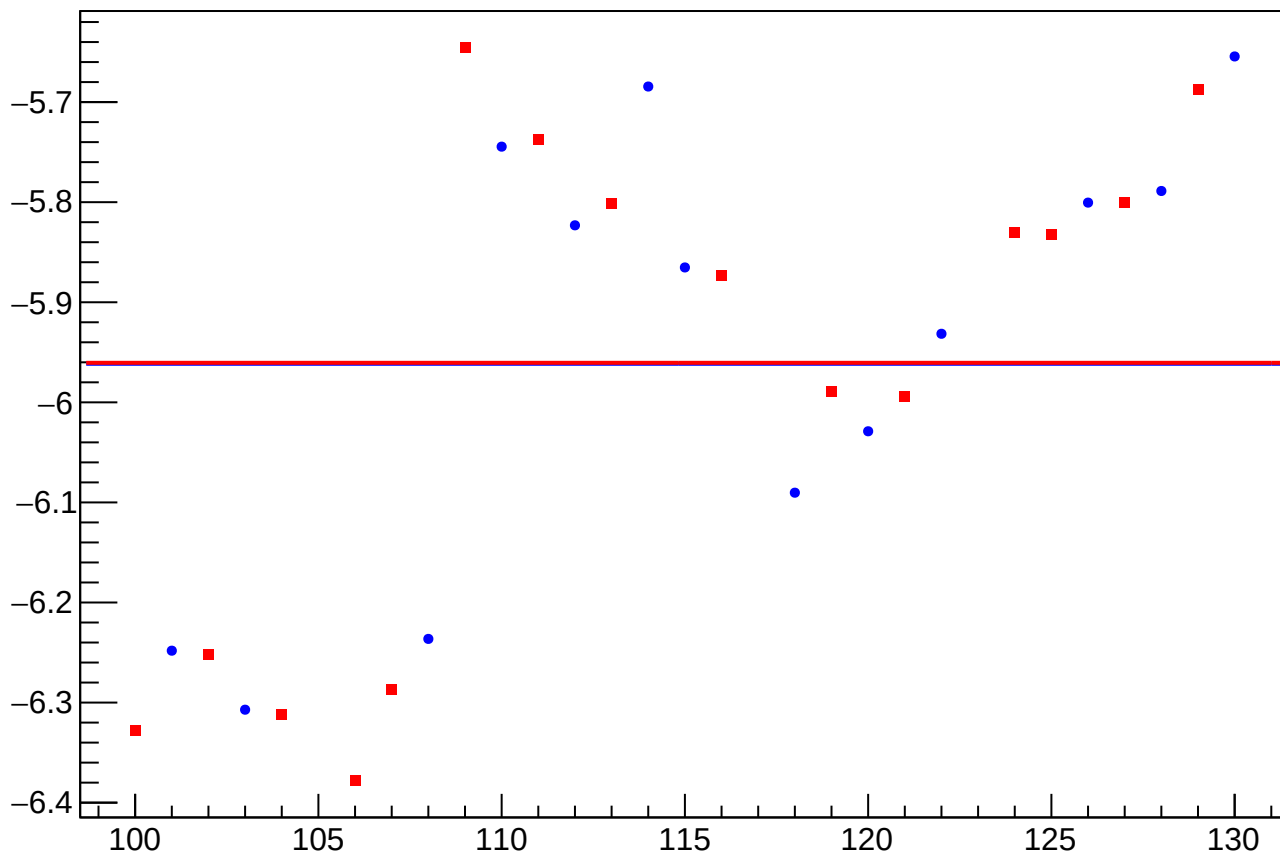
Right: 0.007+/-0.000 χ^2/NDF : 442891.9/27

In: 0.007+/-0.000 χ^2/NDF : 216864.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 442891.9/27

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -5.961+/-0.000 χ^2/NDF : 9588444182.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.961+/-0.000 χ^2/NDF : 10836499985.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

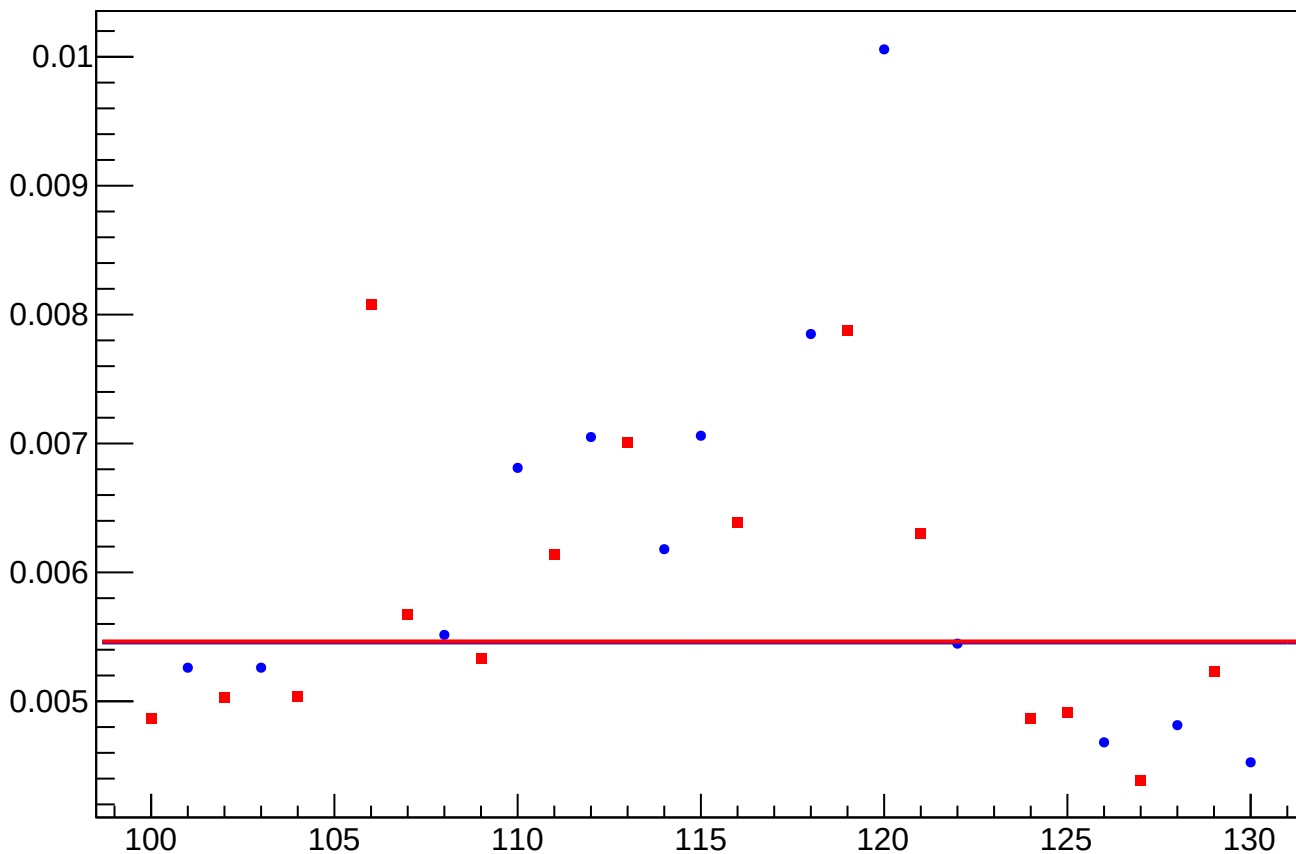
Right: -5.961+/-0.000 χ^2/NDF : 20425020746.5/27

In: -5.961+/-0.000 χ^2/NDF : 9588444182.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.961+/-0.000 χ^2/NDF : 20425020746.5/27

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 369922.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 298321.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

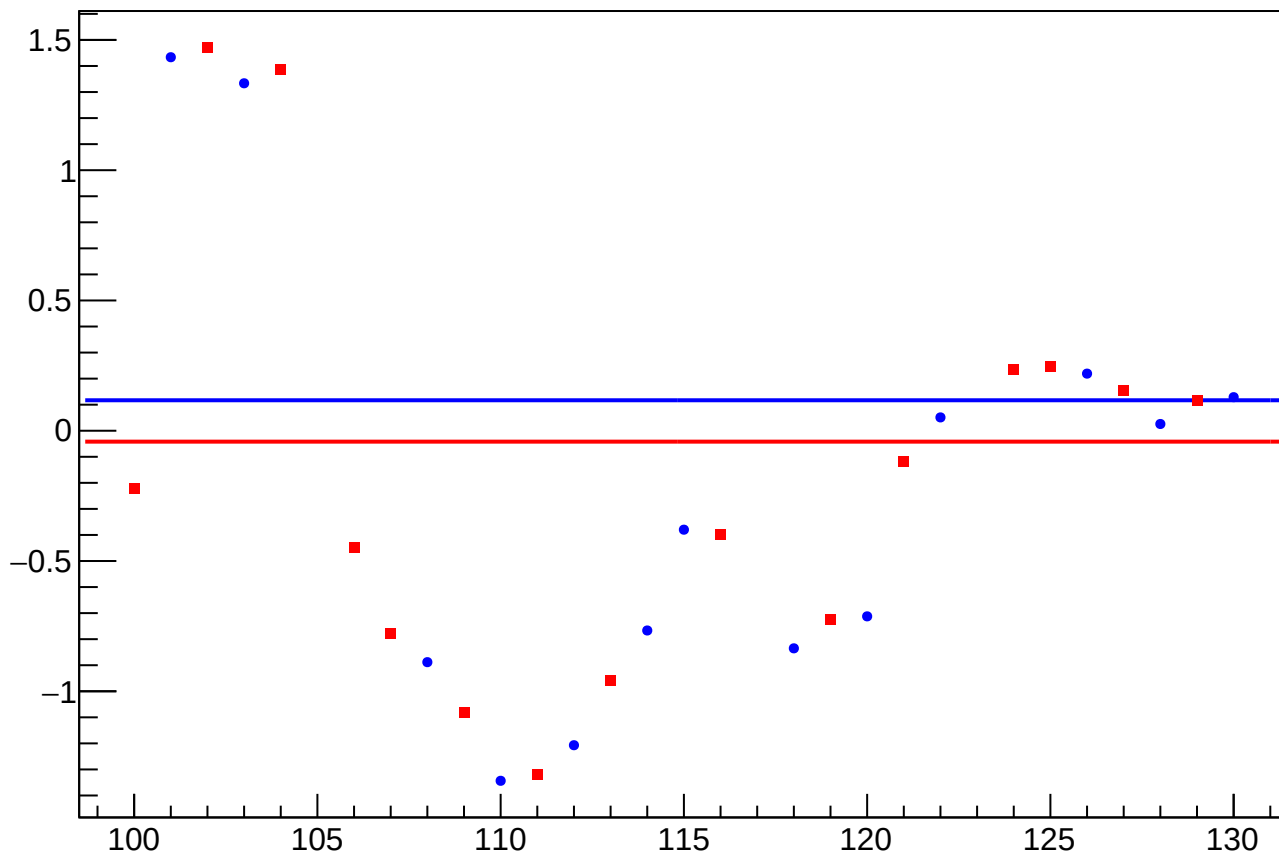
Right: 0.005+/-0.000 χ^2/NDF : 668253.6/27

In: 0.005+/-0.000 χ^2/NDF :369922.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 668253.6/27

yield_bpm0l02X_mean vs Slug, Sign Corrected



Right In: 0.117+/-0.000 χ^2/NDF : 17386908878.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.042+/-0.000 χ^2/NDF : 21986039805.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

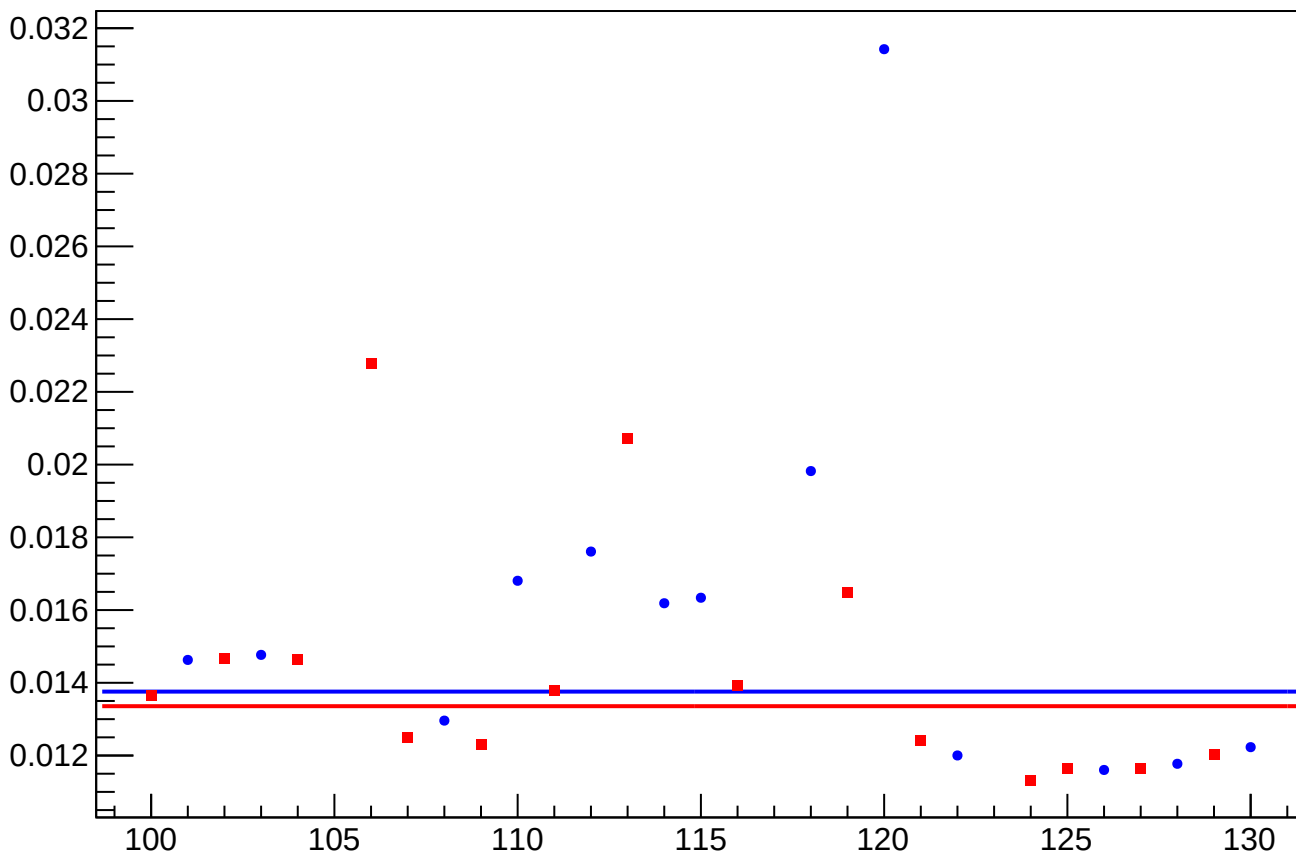
Right: 0.031+/-0.000 χ^2/NDF : 39714734202.0/27

In: 0.117+/-0.000 χ^2/NDF : 17386908878.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.031+/-0.000 χ^2/NDF : 39714734202.0/27

yield_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 409669.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 278285.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

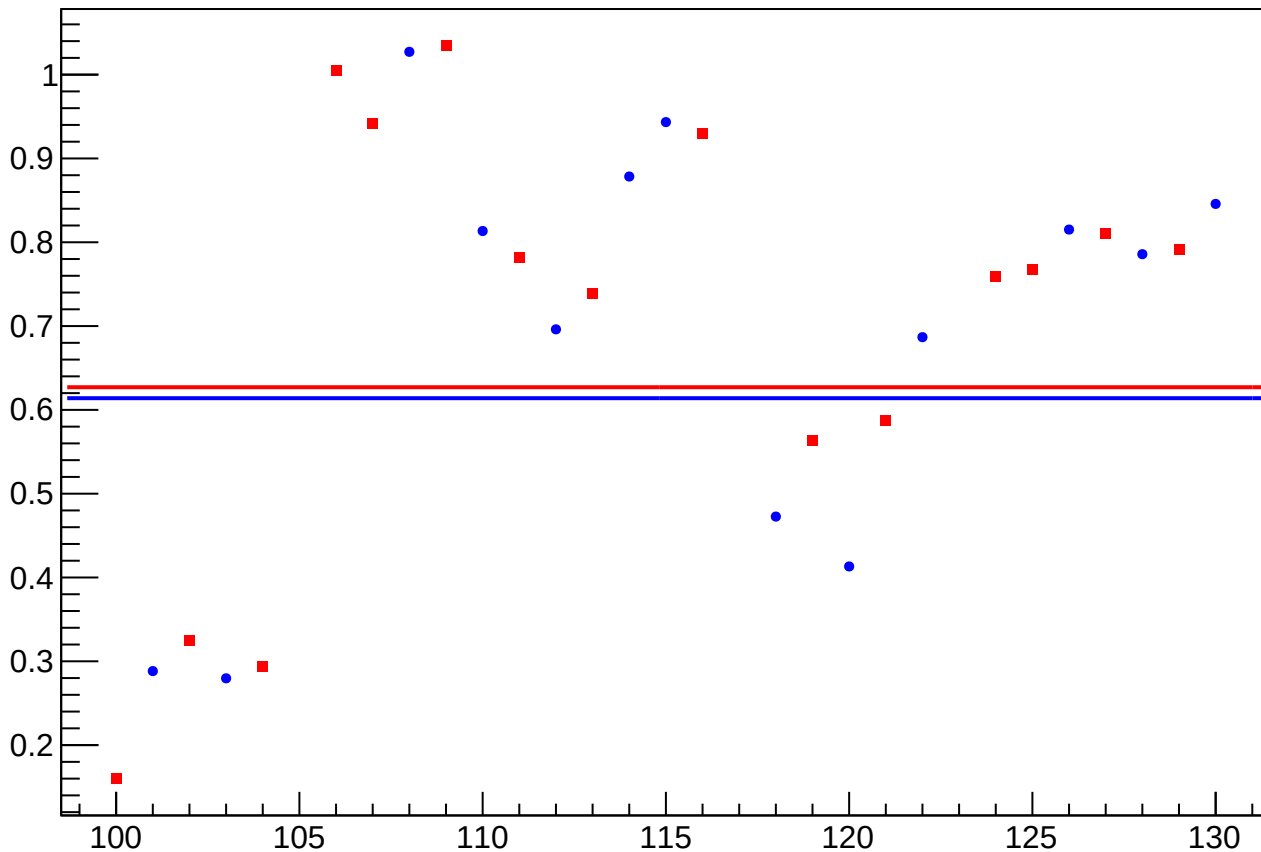
Right: 0.014+/-0.000 χ^2/NDF : 692311.6/27

In: 0.014+/-0.000 χ^2/NDF : 409669.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 692311.6/27

yield_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 0.614+/-0.000

χ^2/NDF : 5370263717.7/12

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.621+/-0.000 χ^2/NDF : 11137646068.3/27

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.614+/-0.000 χ^2/NDF : 5370263717.7/12

Right Out: 0.627+/-0.000

χ^2/NDF : 5760585030.4/14

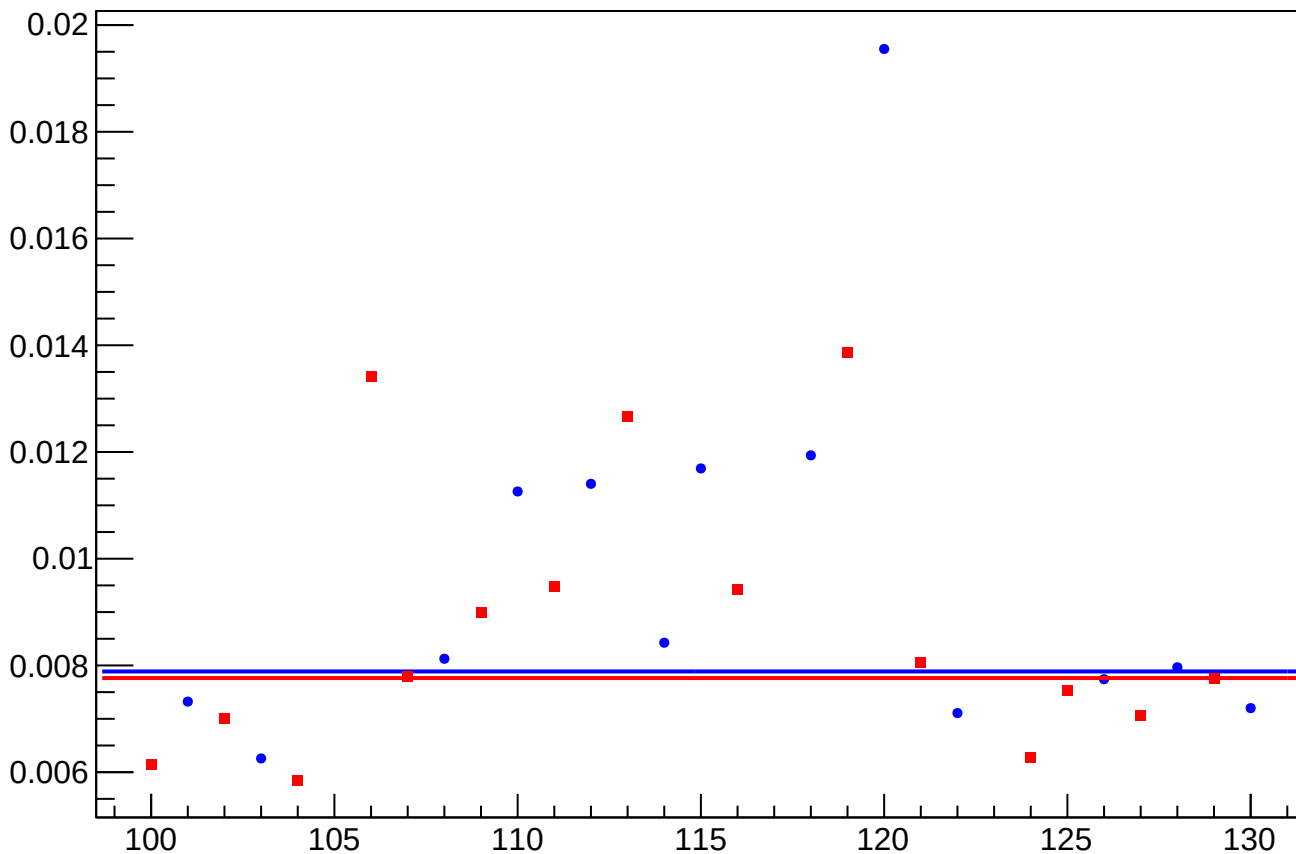
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.621+/-0.000 χ^2/NDF : 11137646068.3/27

yield_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 569056.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 577760.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

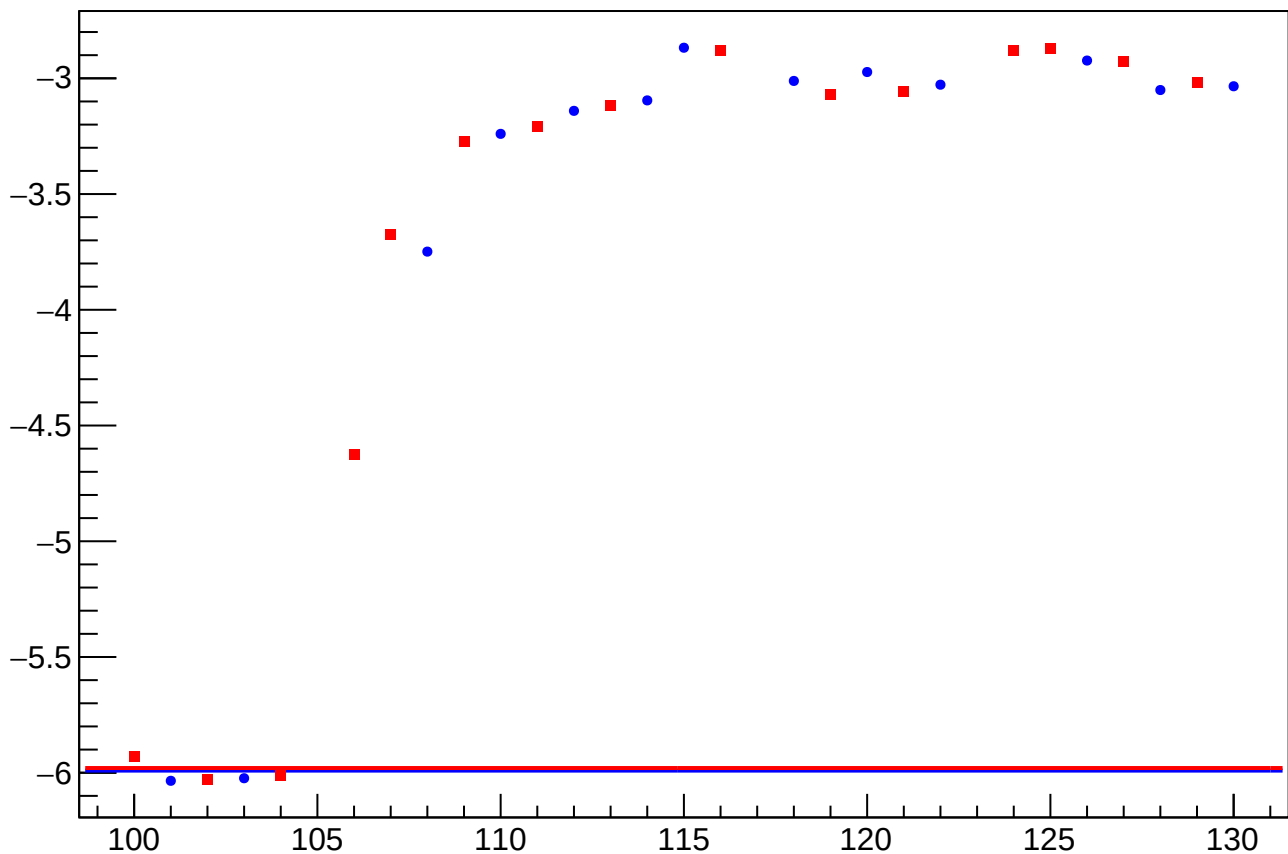
Right: 0.008+/-0.000 χ^2/NDF : 1148030.2/27

In: 0.008+/-0.000 χ^2/NDF : 569056.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 1148030.2/27

yield_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -5.991+/-0.000 χ^2/NDF : 5244918193.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -5.980+/-0.000 χ^2/NDF : 4839434951.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

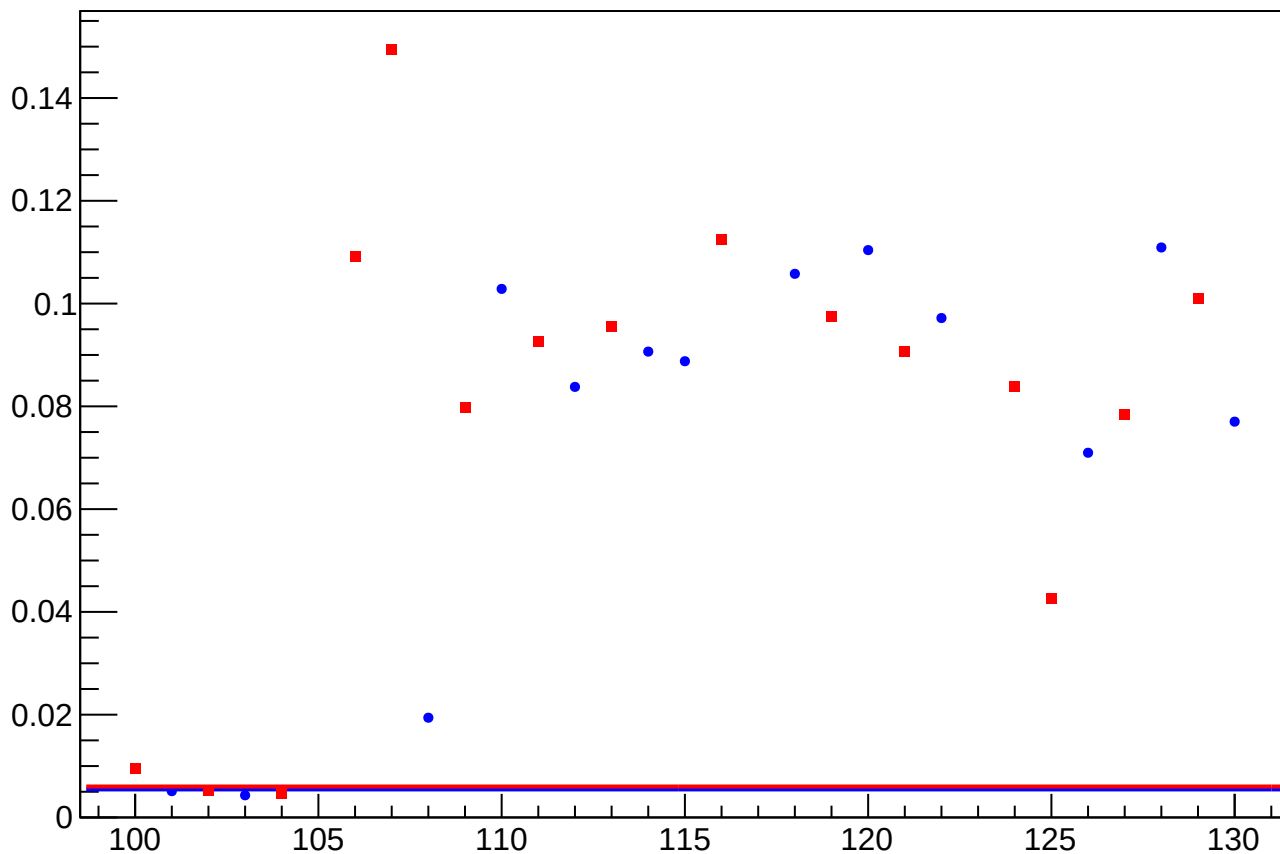
Right: -5.986+/-0.000 χ^2/NDF : 10087192749.0/27

In: -5.991+/-0.000 χ^2/NDF :5244918193.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.986+/-0.000 χ^2/NDF : 10087192749.0/27

yield_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 6444551.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 7306026.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

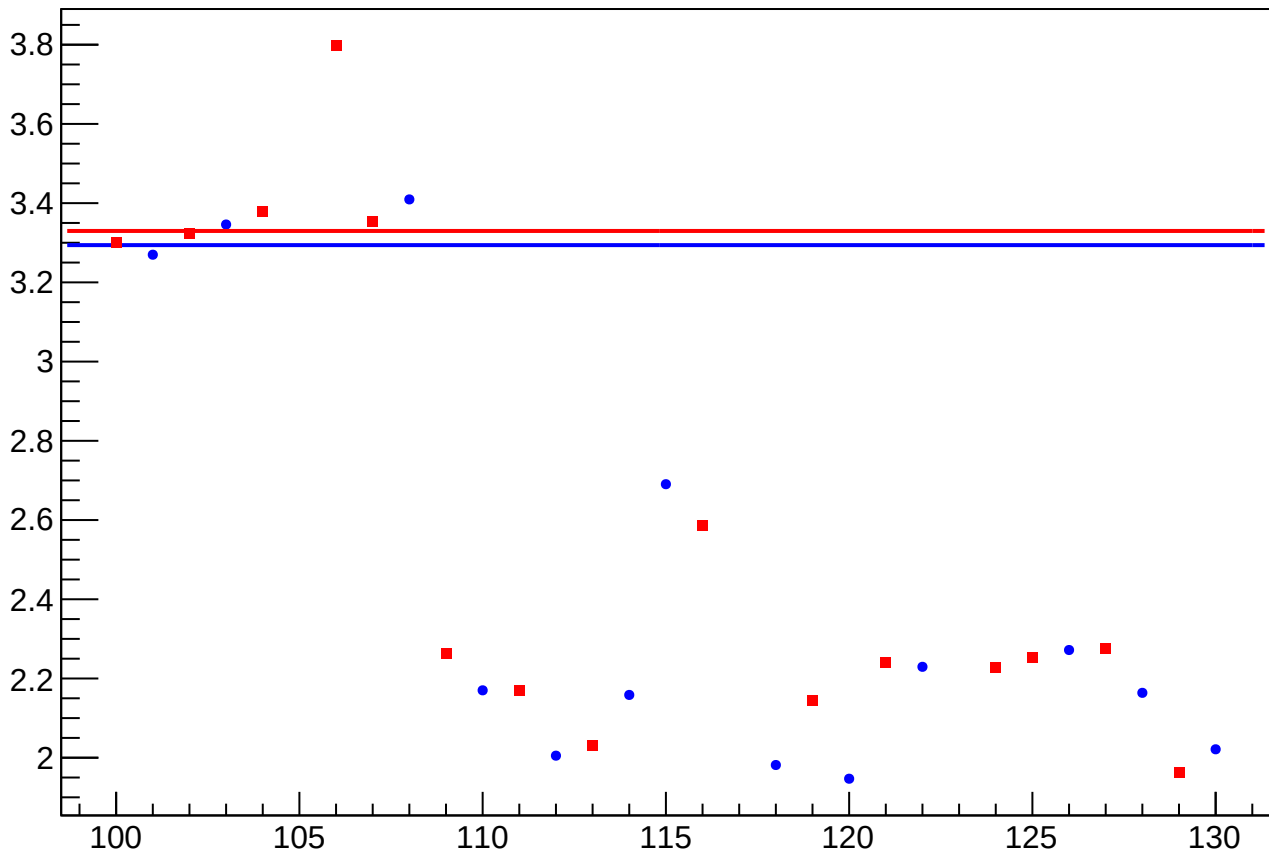
Right: 0.006+/-0.000 χ^2/NDF : 13765585.6/27

In: 0.005+/-0.000 χ^2/NDF :6444551.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 13765585.6/27

yield_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: 3.294+/-0.000 χ^2/NDF : 615999400.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3.330+/-0.000 χ^2/NDF : 699418980.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

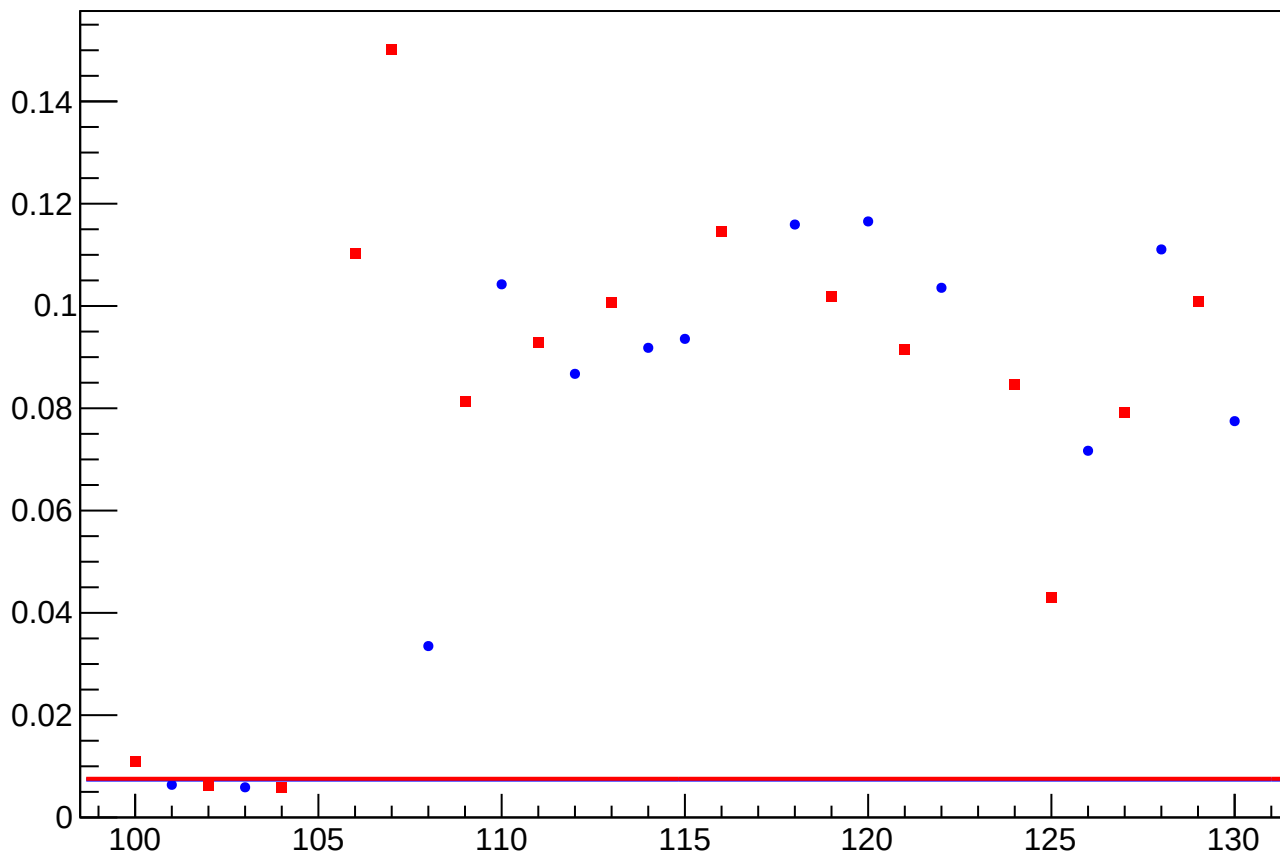
Right: 3.311+/-0.000 χ^2/NDF : 1334375482.8/27

In: 3.294+/-0.000 χ^2/NDF :615999400.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3.311+/-0.000 χ^2/NDF : 1334375482.8/27

yield_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 6339299.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 7082087.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

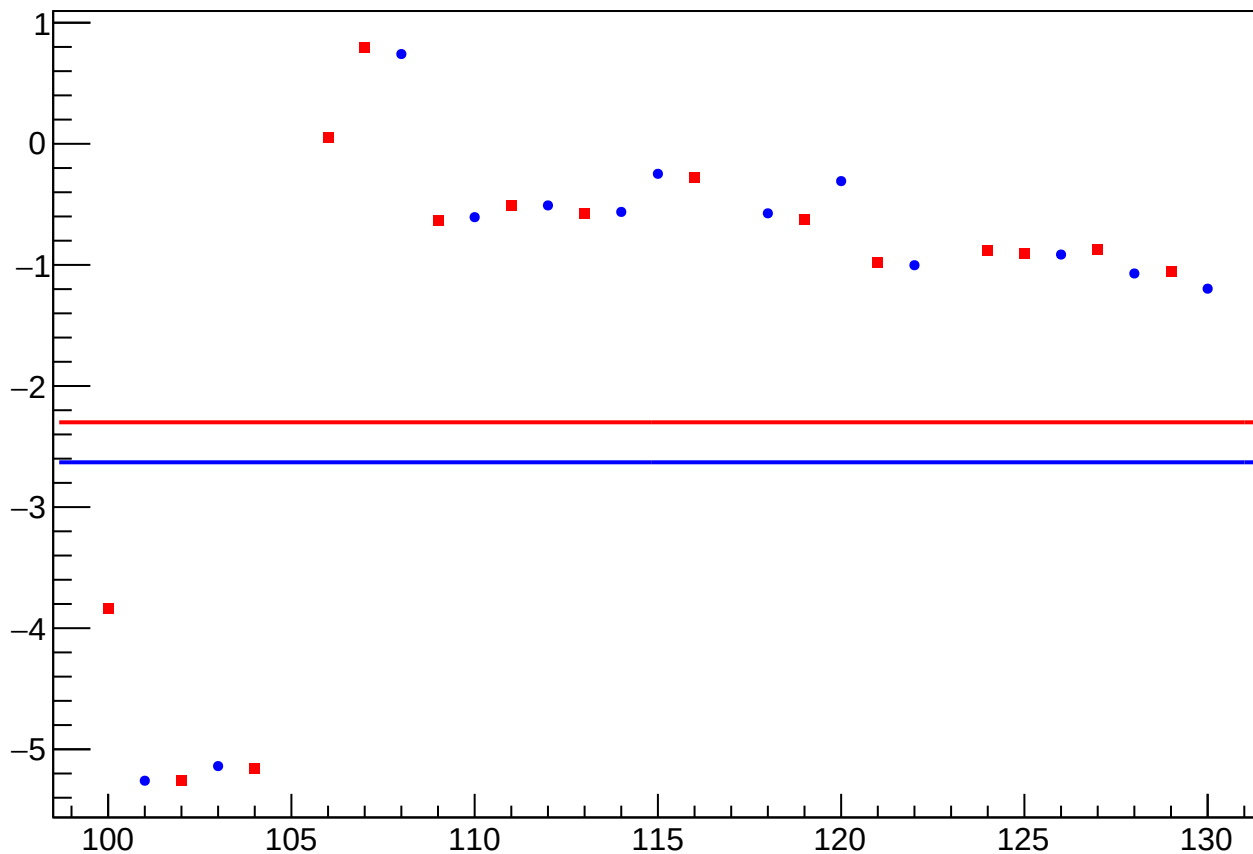
Right: 0.007+/-0.000 χ^2/NDF : 13422135.4/27

In: 0.007+/-0.000 χ^2/NDF :6339299.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

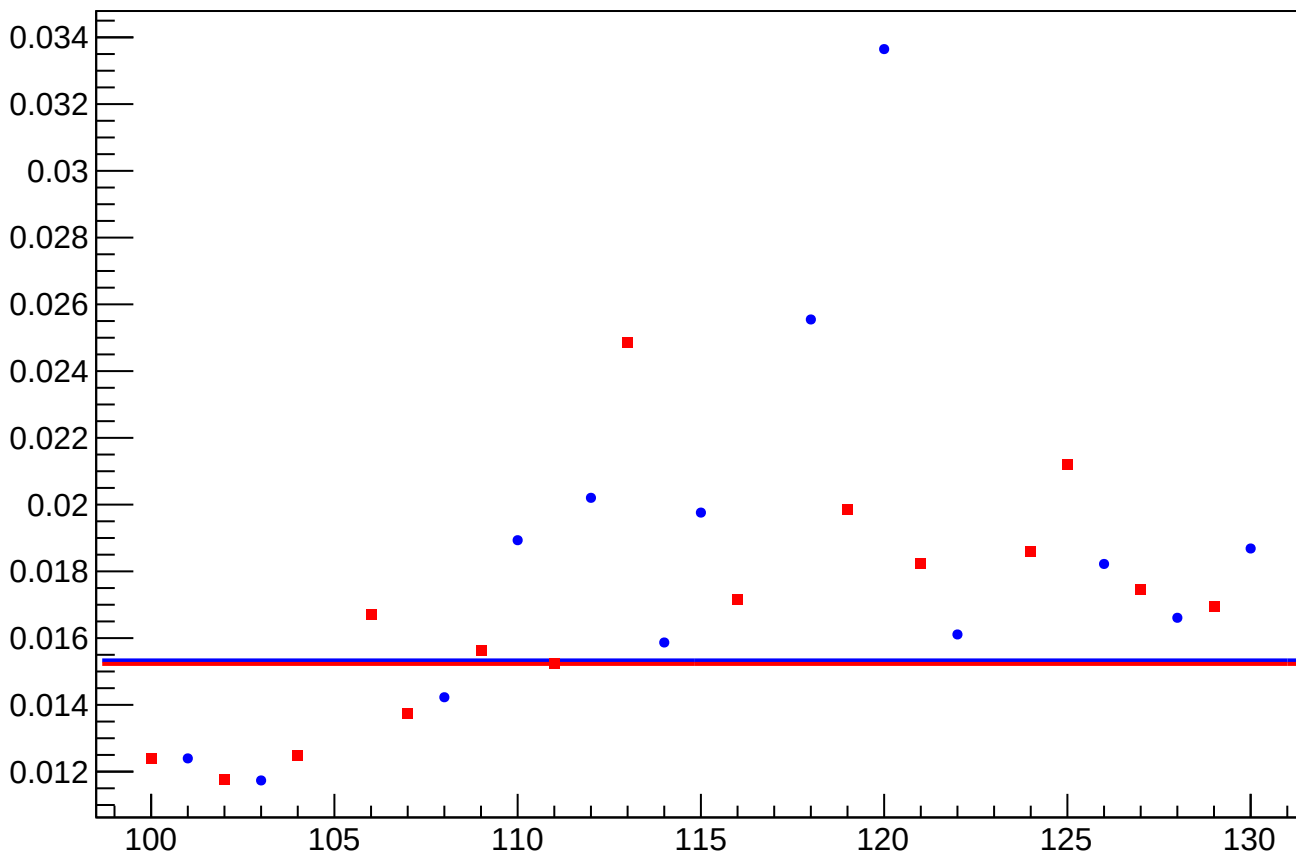
All: 0.007+/-0.000 χ^2/NDF : 13422135.4/27

yield_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -2.630 ± 0.000 $\chi^2/\text{NDF}: 105818513849.5/12$ Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$ Right: -2.454 ± 0.000 $\chi^2/\text{NDF}: 221366036893.8/27$
 Right Out: -2.300 ± 0.000 $\chi^2/\text{NDF}: 114437354972.0/14$ In: -2.630 ± 0.000 $\chi^2/\text{NDF}: 105818513849.5/12$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$ Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -2.454 ± 0.000 $\chi^2/\text{NDF}: 221366036893.8/27$

yield_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 616365.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 431394.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

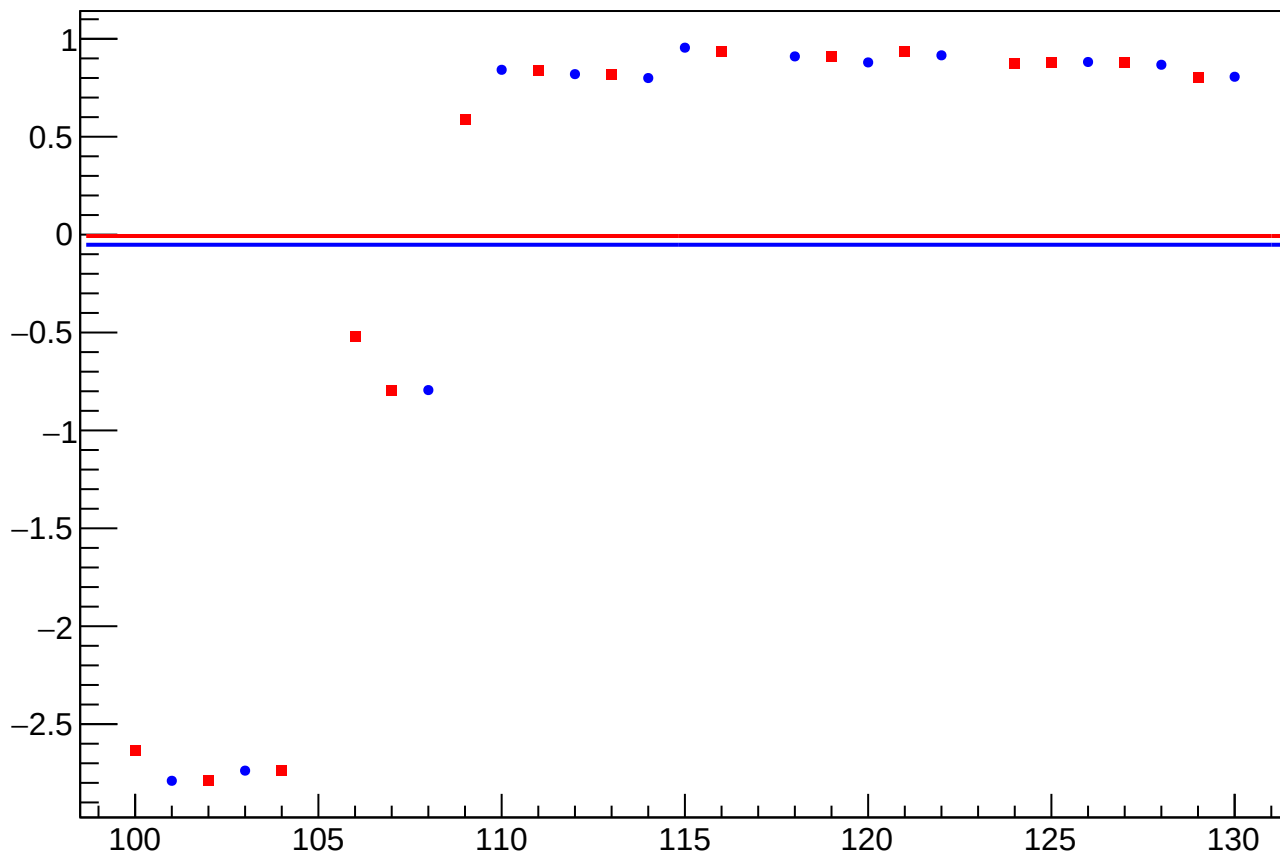
Right: 0.015+/-0.000 χ^2/NDF : 1047983.8/27

In: 0.015+/-0.000 χ^2/NDF :616365.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.000 χ^2/NDF : 1047983.8/27

yield_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -0.052+/-0.000 χ^2/NDF : 840719193968.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.007+/-0.000 χ^2/NDF : 922977075792.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

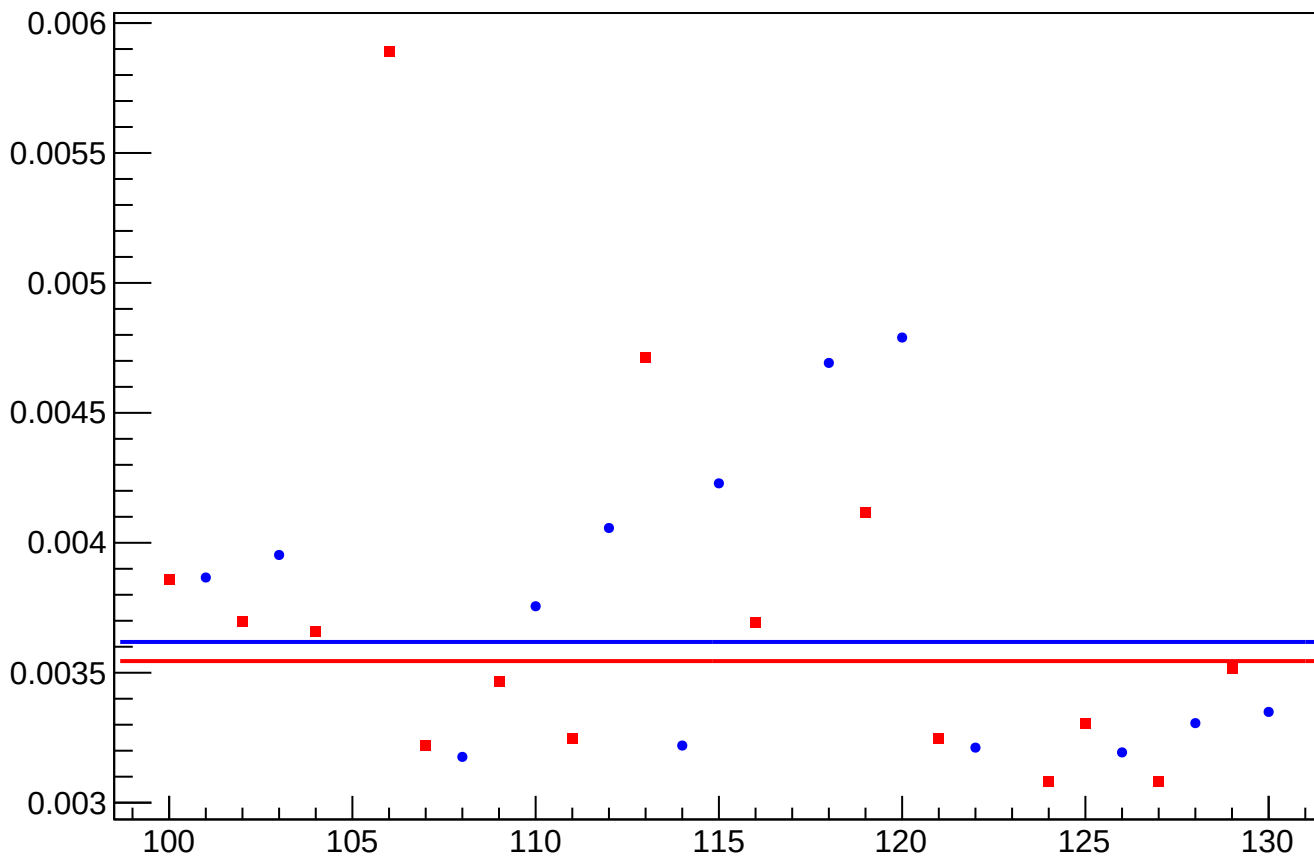
Right: -0.028+/-0.000 χ^2/NDF : 1764109660770.8/2

In: -0.052+/-0.000 χ^2/NDF :840719193968.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.028+/-0.000 χ^2/NDF : 1764109660770

yield_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 176894.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 214149.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

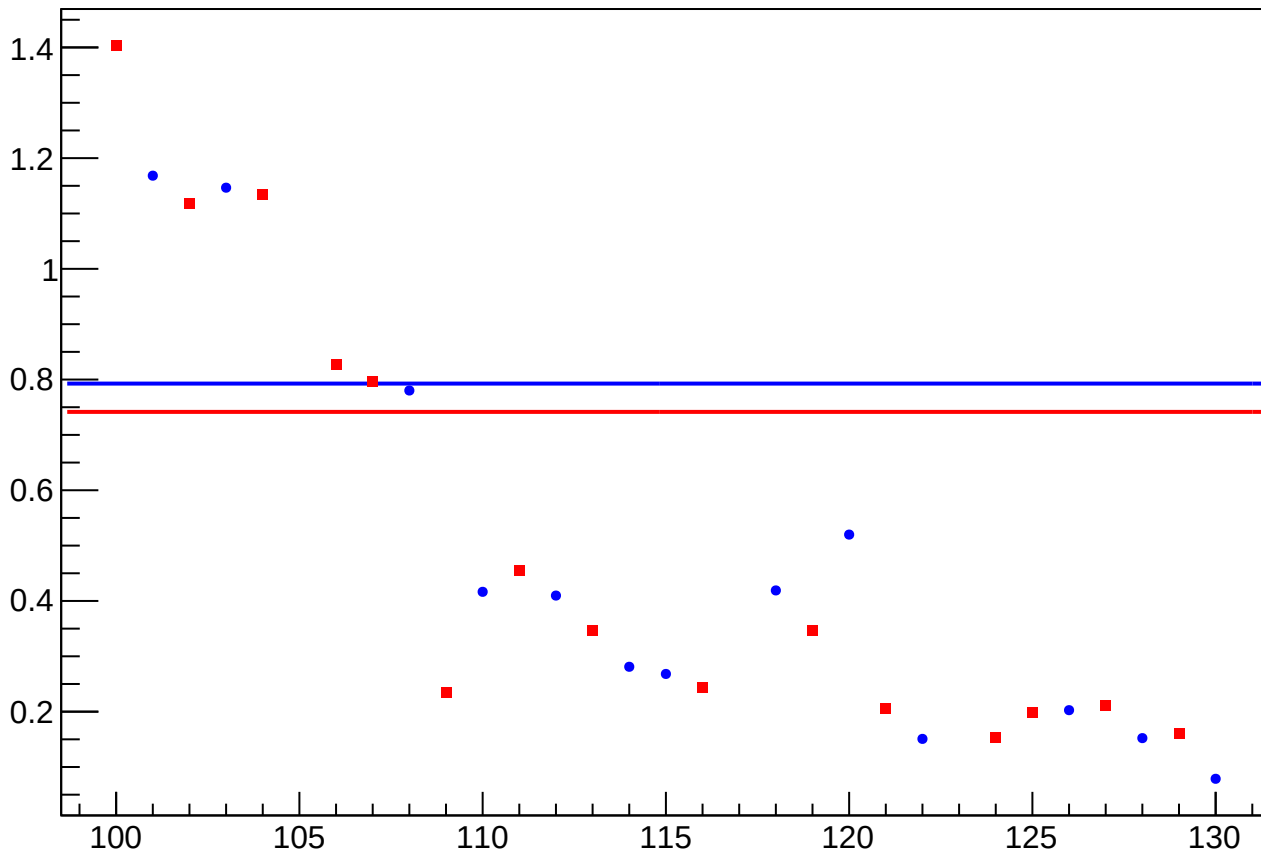
Right: 0.004+/-0.000 χ^2/NDF : 393284.6/27

In: 0.004+/-0.000 χ^2/NDF : 176894.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 393284.6/27

yield_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 0.793+/-0.000 χ^2/NDF : 24539329827.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.742+/-0.000 χ^2/NDF : 24697043894.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

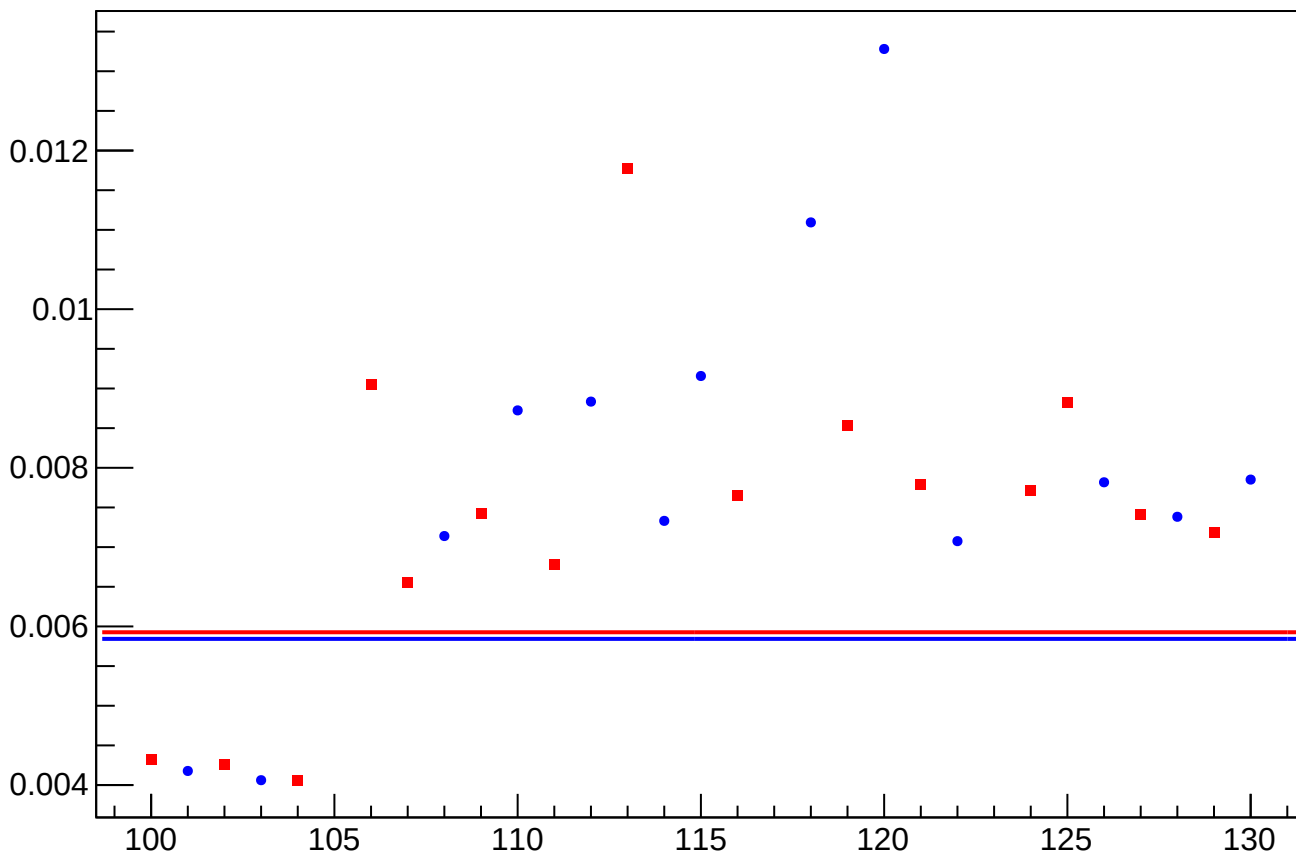
Right: 0.766+/-0.000 χ^2/NDF : 49405351632.3/27

In: 0.793+/-0.000 χ^2/NDF :24539329827.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.766+/-0.000 χ^2/NDF : 49405351632.3/27

yield_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 1183097.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 991007.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

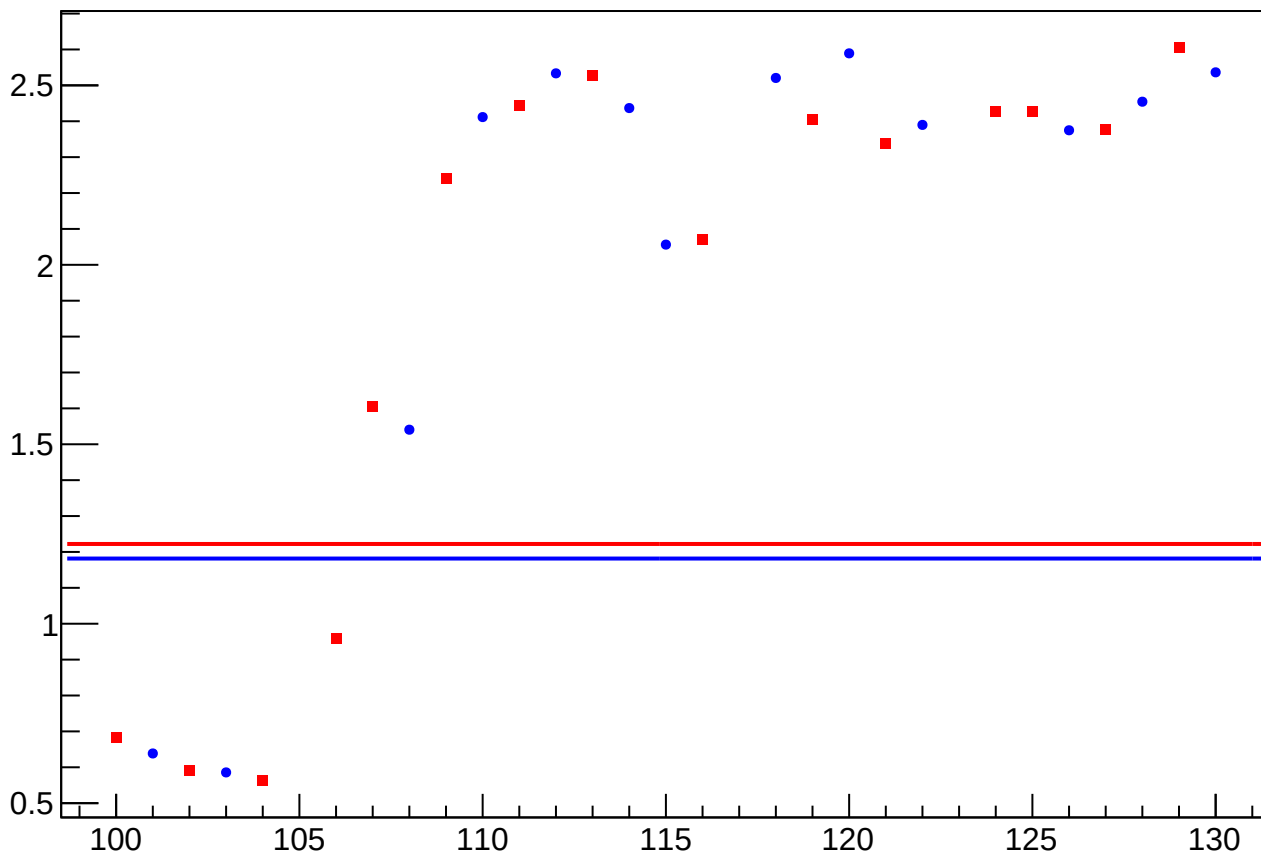
Right: 0.006+/-0.000 χ^2/NDF : 2175004.1/27

In: 0.006+/-0.000 χ^2/NDF :1183097.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 2175004.1/27

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 1.182+/-0.000

χ^2/NDF : 89730855228.8/12

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 1.203+/-0.000

χ^2/NDF : 191470550285.4/27

Right Out: 1.222+/-0.000

χ^2/NDF : 101627493112.1/14

In: 1.182+/-0.000

χ^2/NDF : 89730855228.8/12

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

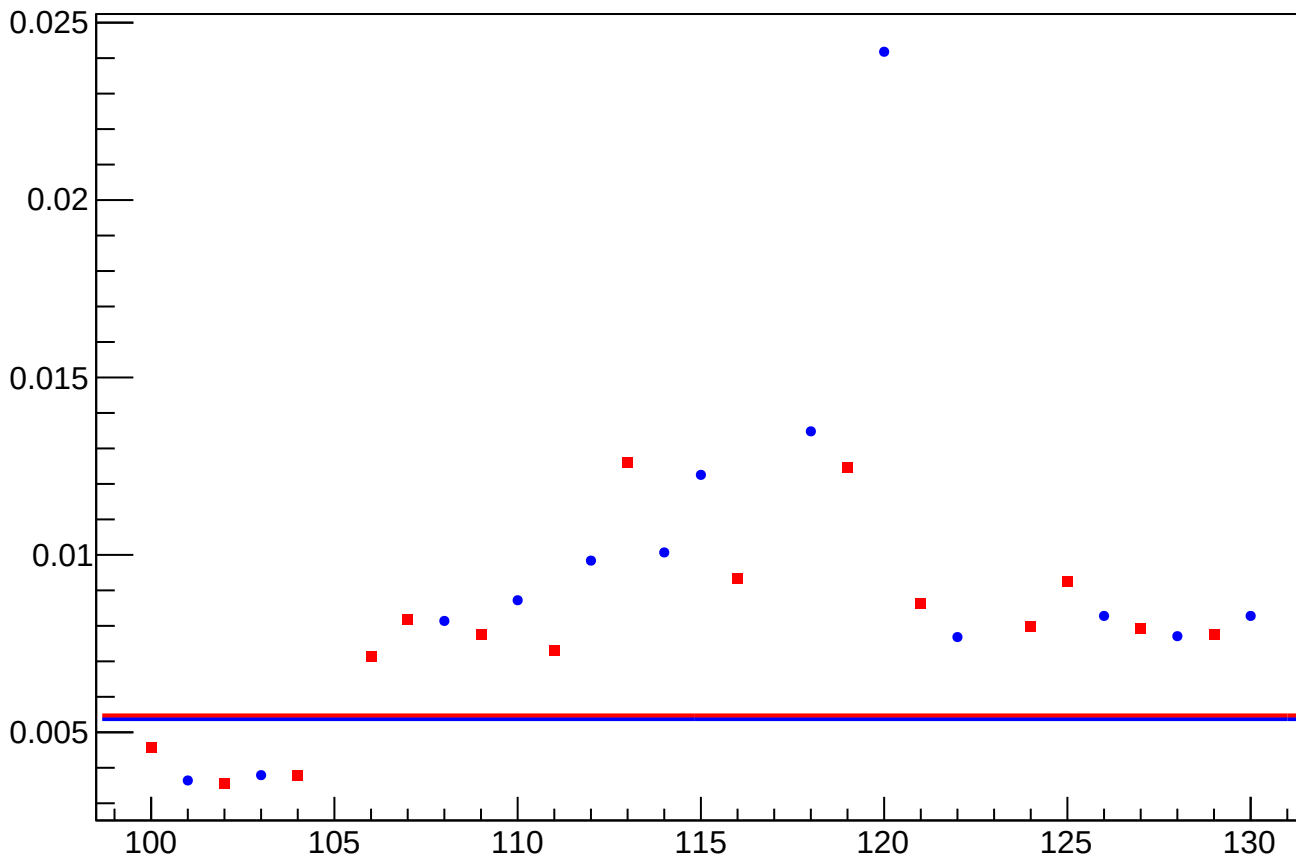
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.203+/-0.000

χ^2/NDF : 191470550285.4

yield_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1860718.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1667691.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

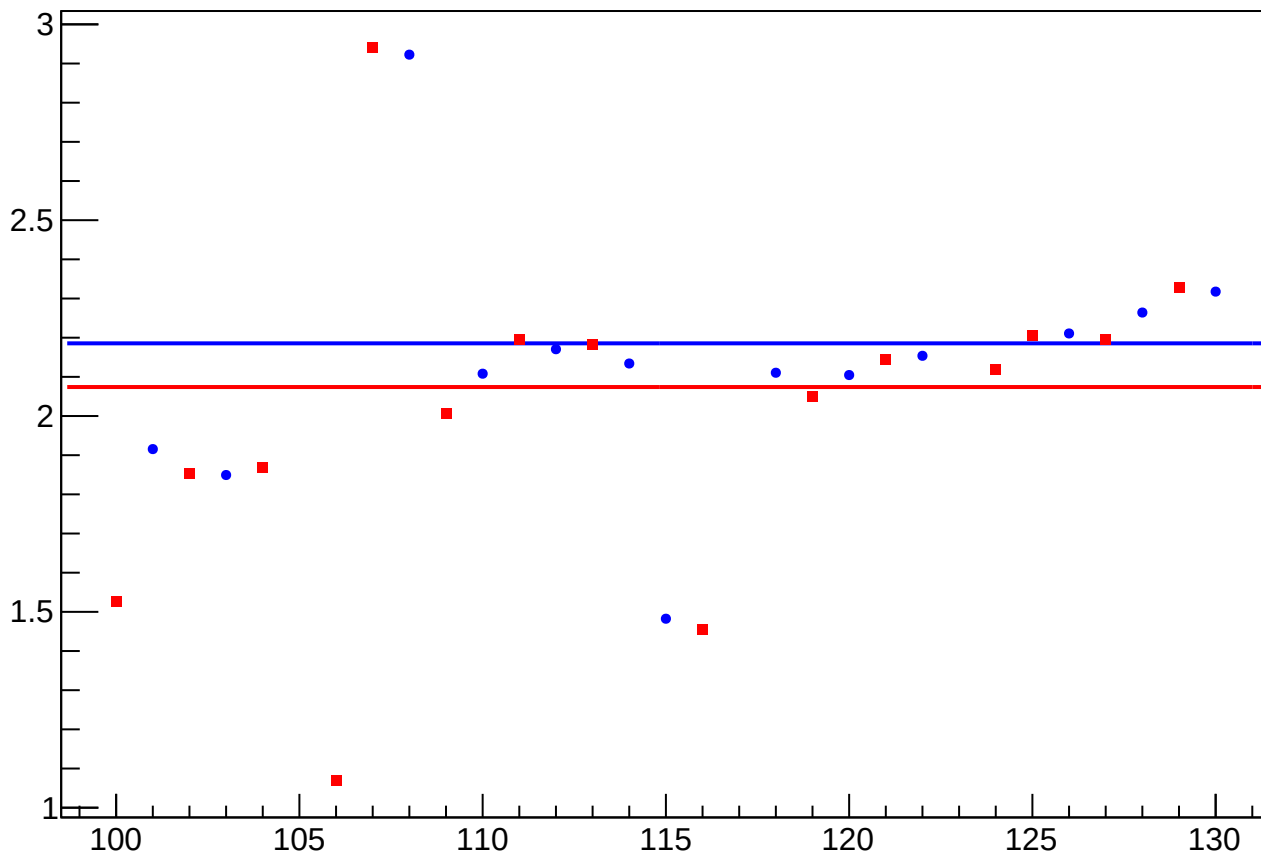
Right: 0.005+/-0.000 χ^2/NDF : 3529842.8/27

In: 0.005+/-0.000 χ^2/NDF : 1860718.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 3529842.8/27

yield_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 2.186+/-0.000

χ^2/NDF : 9451566382.8/12

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 2.127+/-0.000 χ^2/NDF : 24724280410.7/27

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 2.186+/-0.000 χ^2/NDF : 9451566382.8/12

Right Out: 2.074+/-0.000 χ^2/NDF : 14540147613.8/14

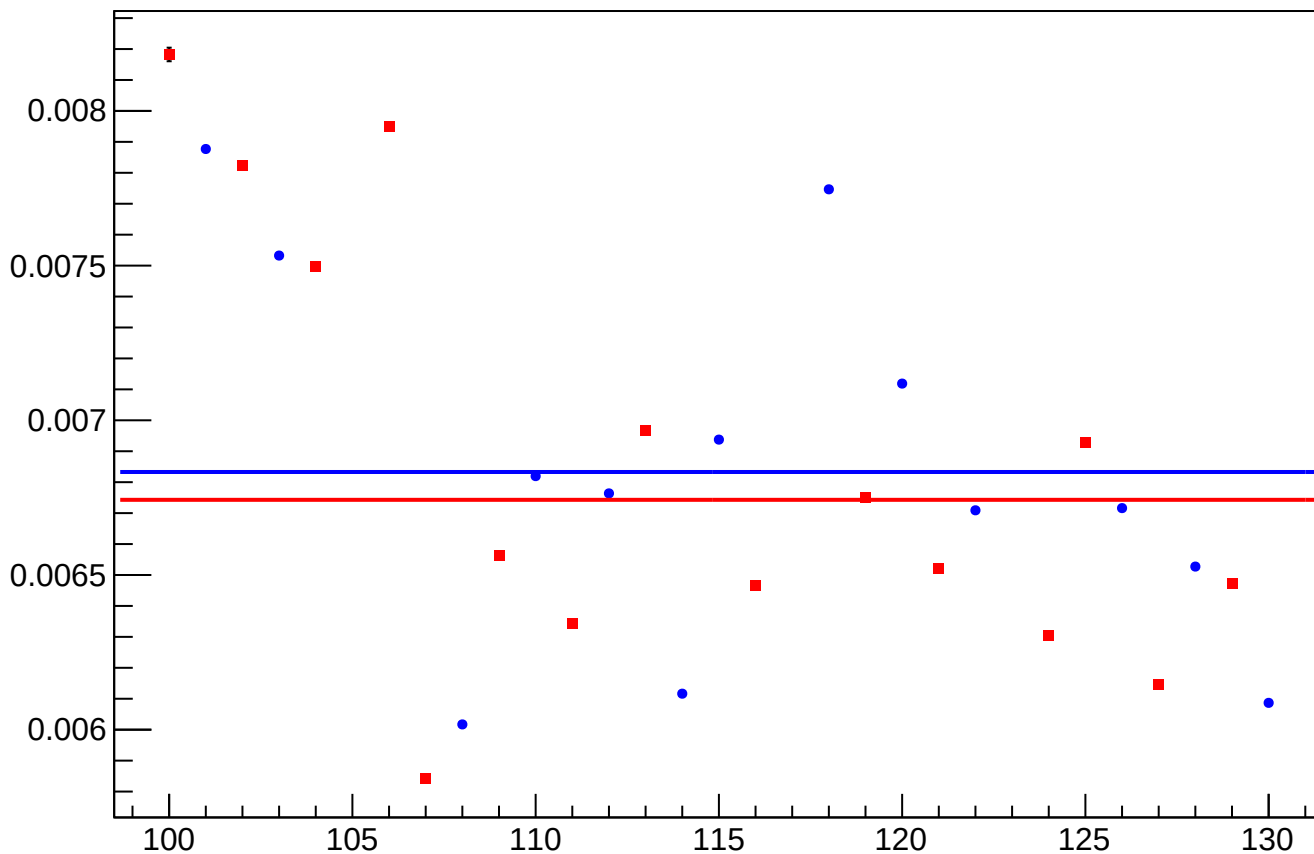
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 2.127+/-0.000 χ^2/NDF : 24724280410.7/27

yield_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 82177.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 81572.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

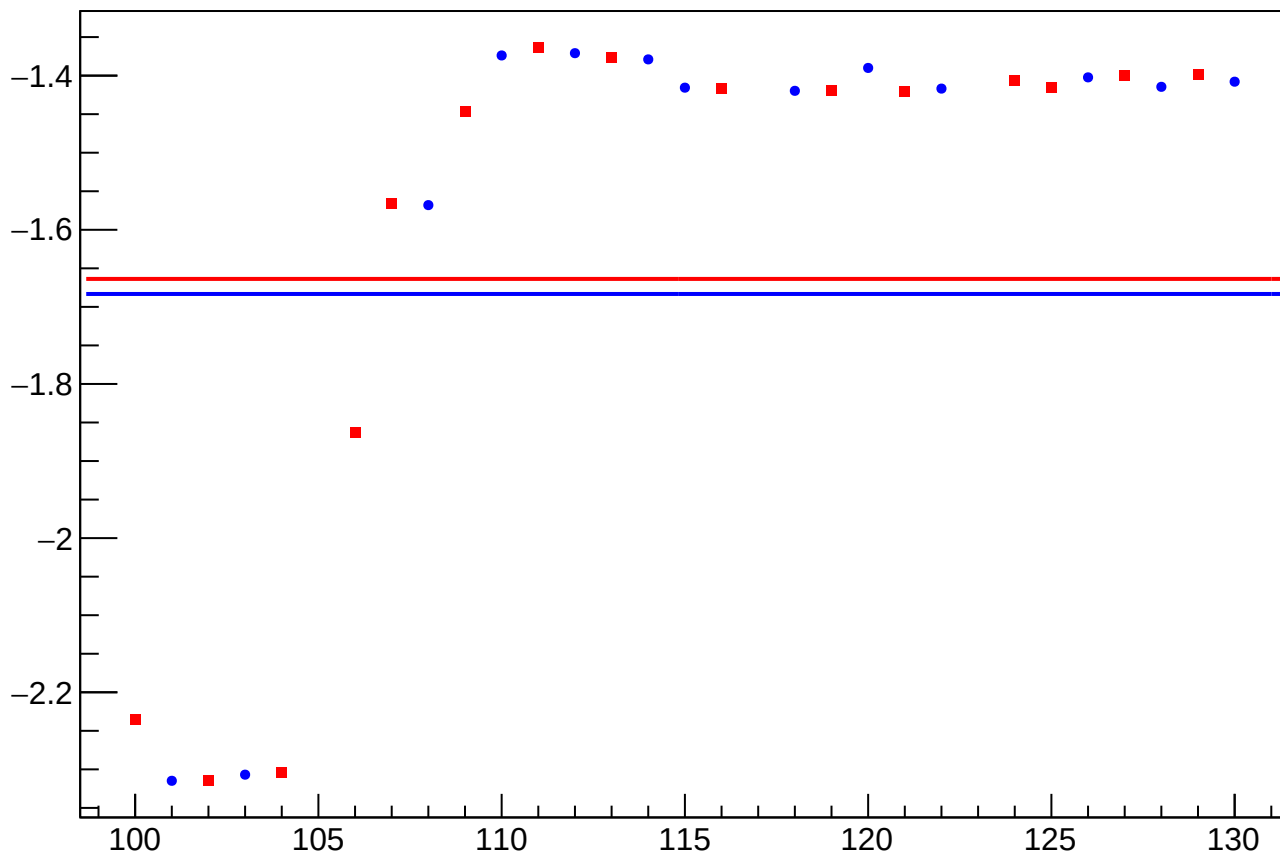
Right: 0.007+/-0.000 χ^2/NDF : 164704.0/27

In: 0.007+/-0.000 χ^2/NDF :82177.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 164704.0/27

yield_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -1.683+/-0.000 χ^2/NDF : 118556061290.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.664+/-0.000 χ^2/NDF : 120064393423.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

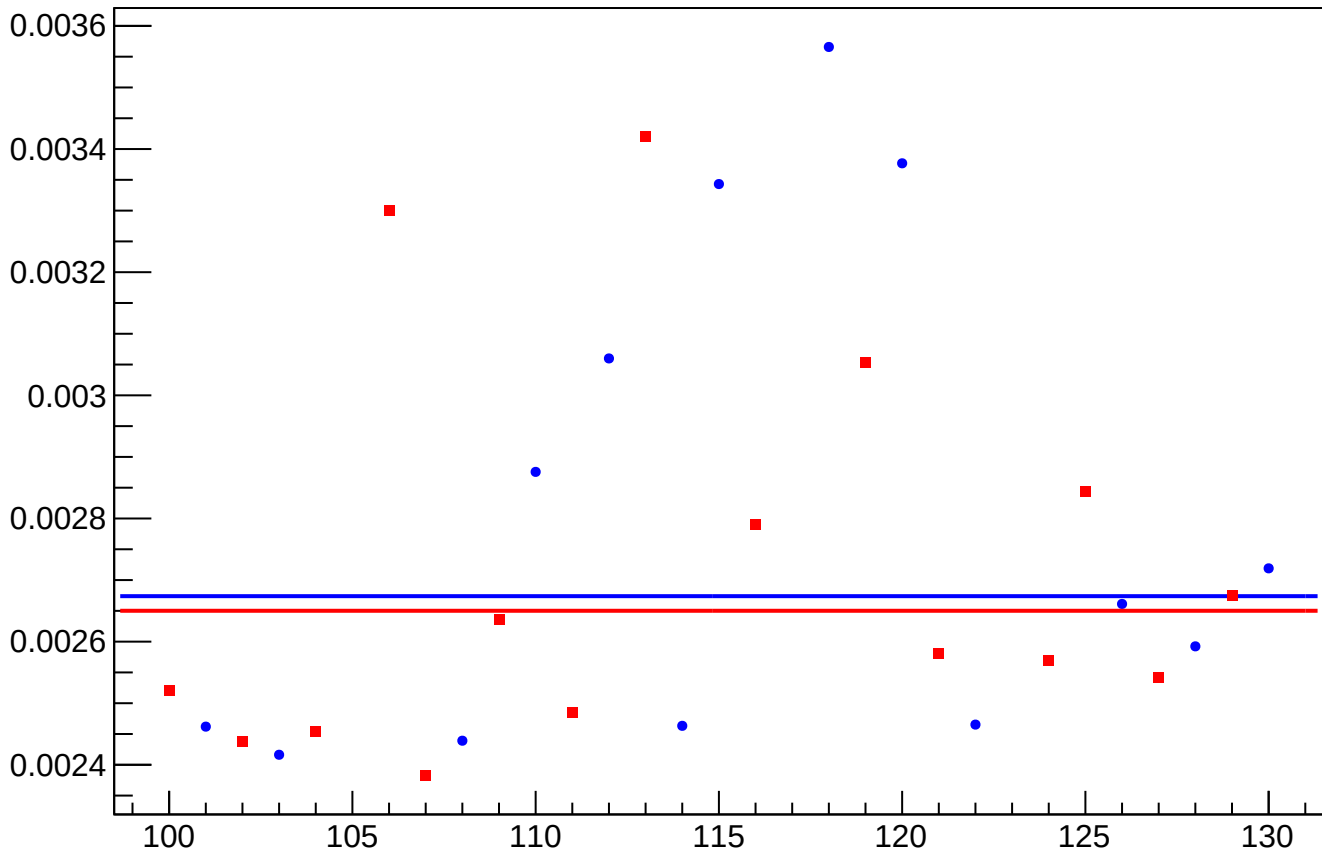
Right: -1.673+/-0.000 χ^2/NDF : 238763469194.0/27

In: -1.683+/-0.000 χ^2/NDF : 118556061290.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.673+/-0.000 χ^2/NDF : 238763469194.0

yield_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 151856.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 113634.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

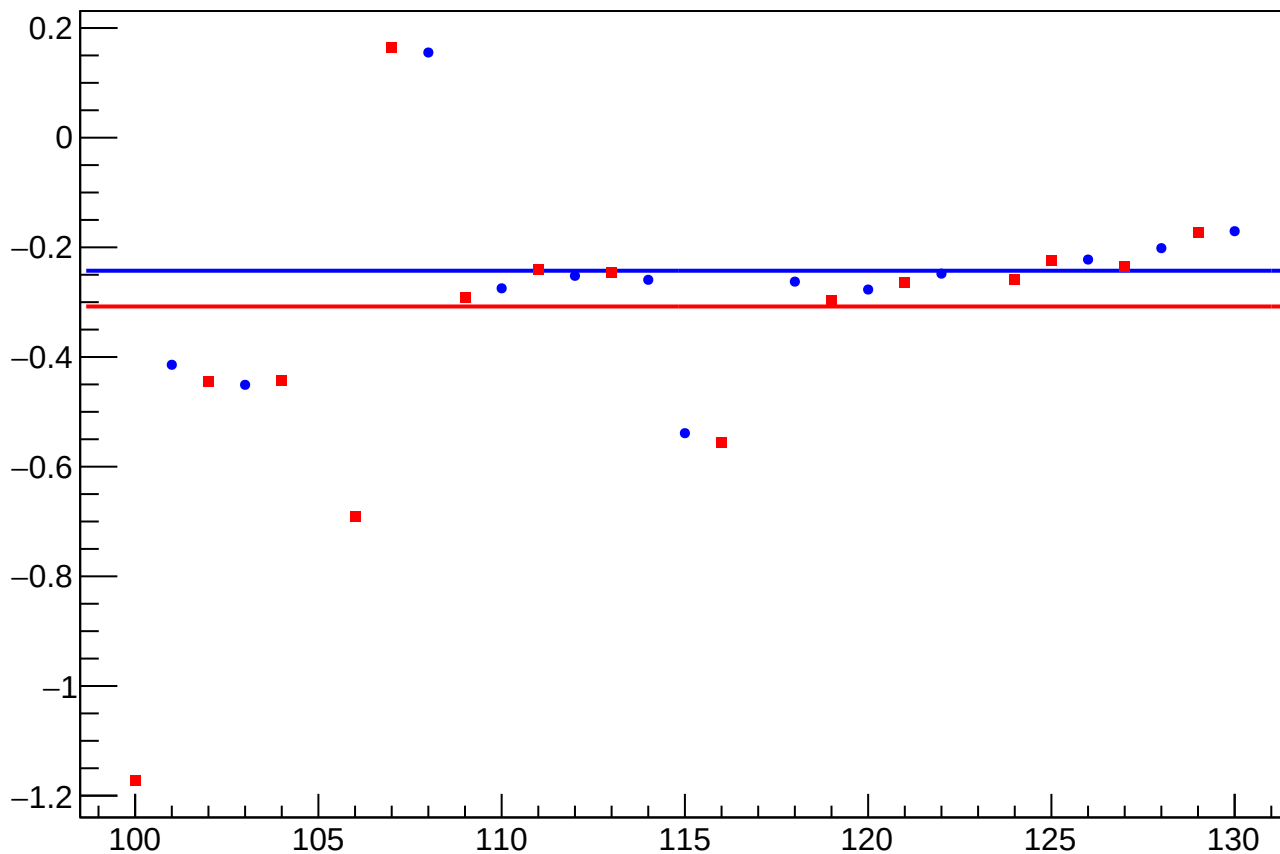
Right: 0.003+/-0.000 χ^2/NDF : 265912.5/27

In: 0.003+/-0.000 χ^2/NDF :151856.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 265912.5/27

yield_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -0.243 ± 0.000 χ^2/NDF : 989197769.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.308 ± 0.000 χ^2/NDF : 1698605578.9/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

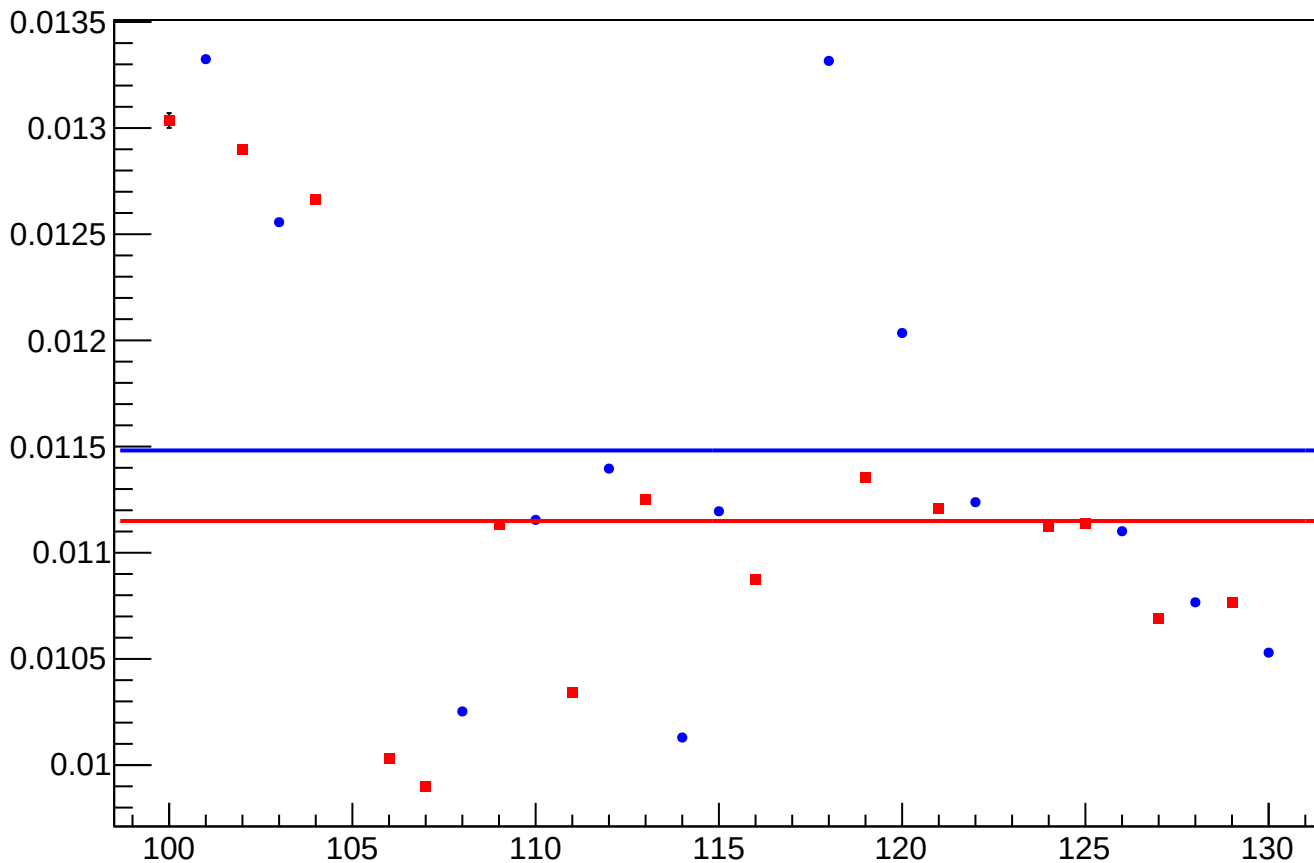
Right: -0.278 ± 0.000 χ^2/NDF : 2779520107.8/27

In: -0.243 ± 0.000 χ^2/NDF : 989197769.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.278 ± 0.000 χ^2/NDF : 2779520107.8/27

yield_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 83584.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 64691.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

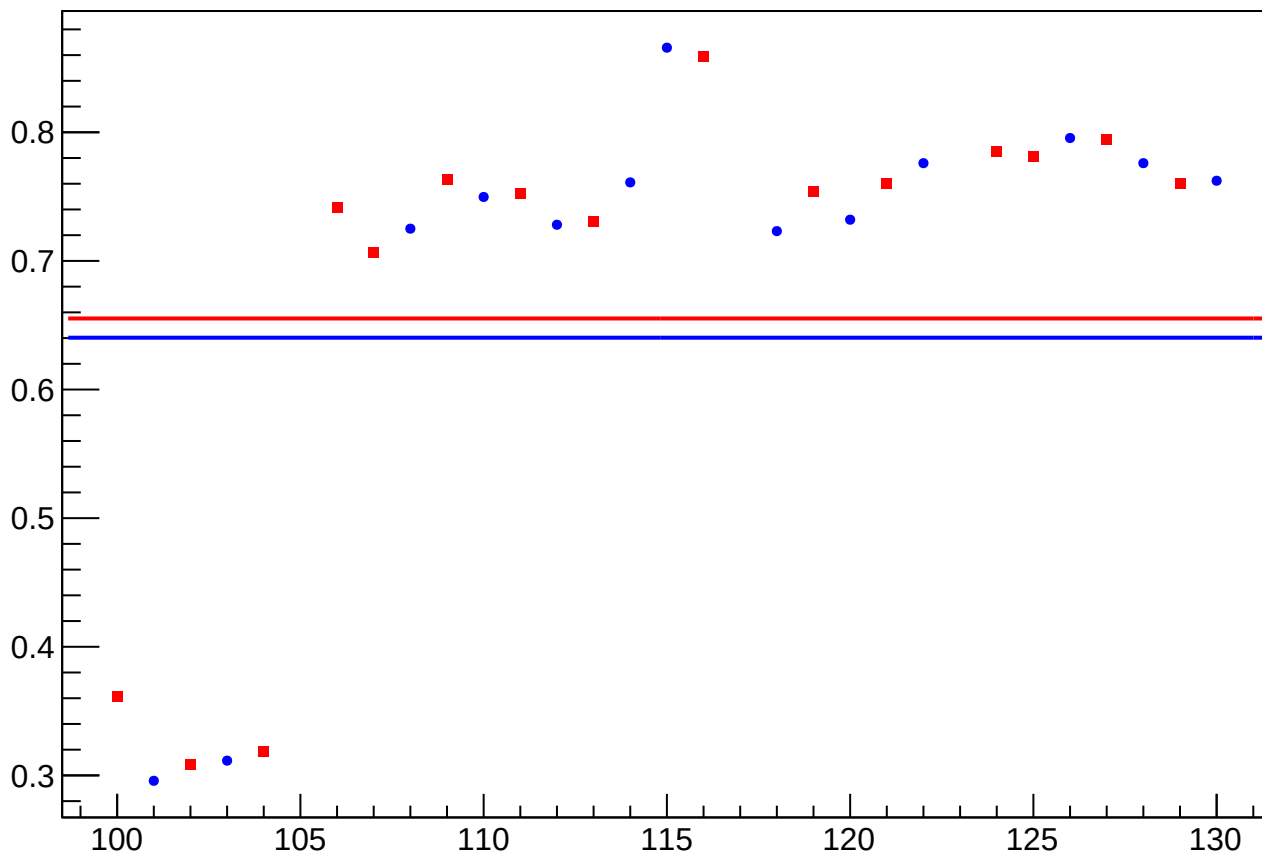
Right: 0.011+/-0.000 χ^2/NDF : 153032.0/27

In: 0.011+/-0.000 χ^2/NDF :83584.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 153032.0/27

yield_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: 0.640+/-0.000 χ^2/NDF : 33361208773.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.655+/-0.000 χ^2/NDF : 32423475752.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

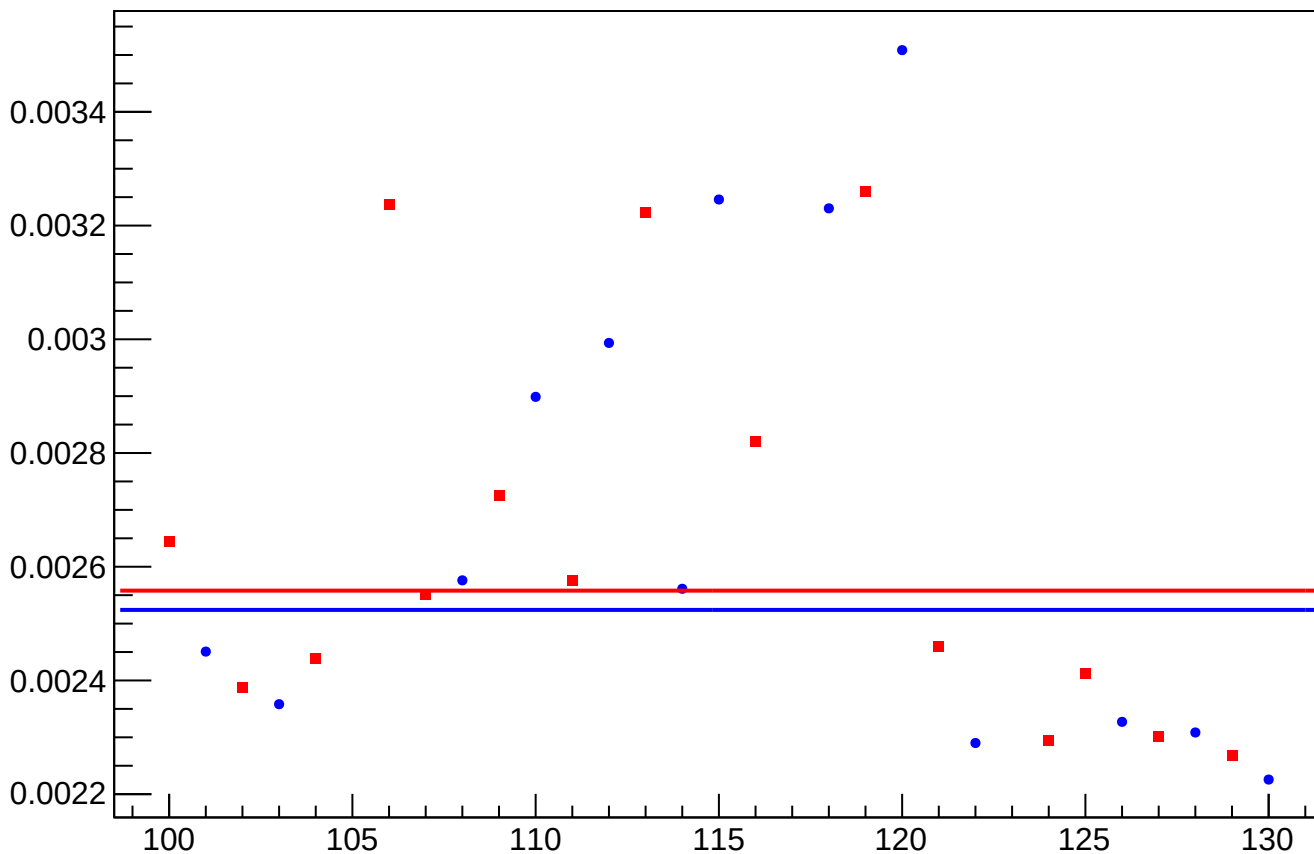
Right: 0.648+/-0.000 χ^2/NDF : 65877098928.6/27

In: 0.640+/-0.000 χ^2/NDF :33361208773.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.648+/-0.000 χ^2/NDF : 65877098928.6/27

yield_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 191310.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 154693.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

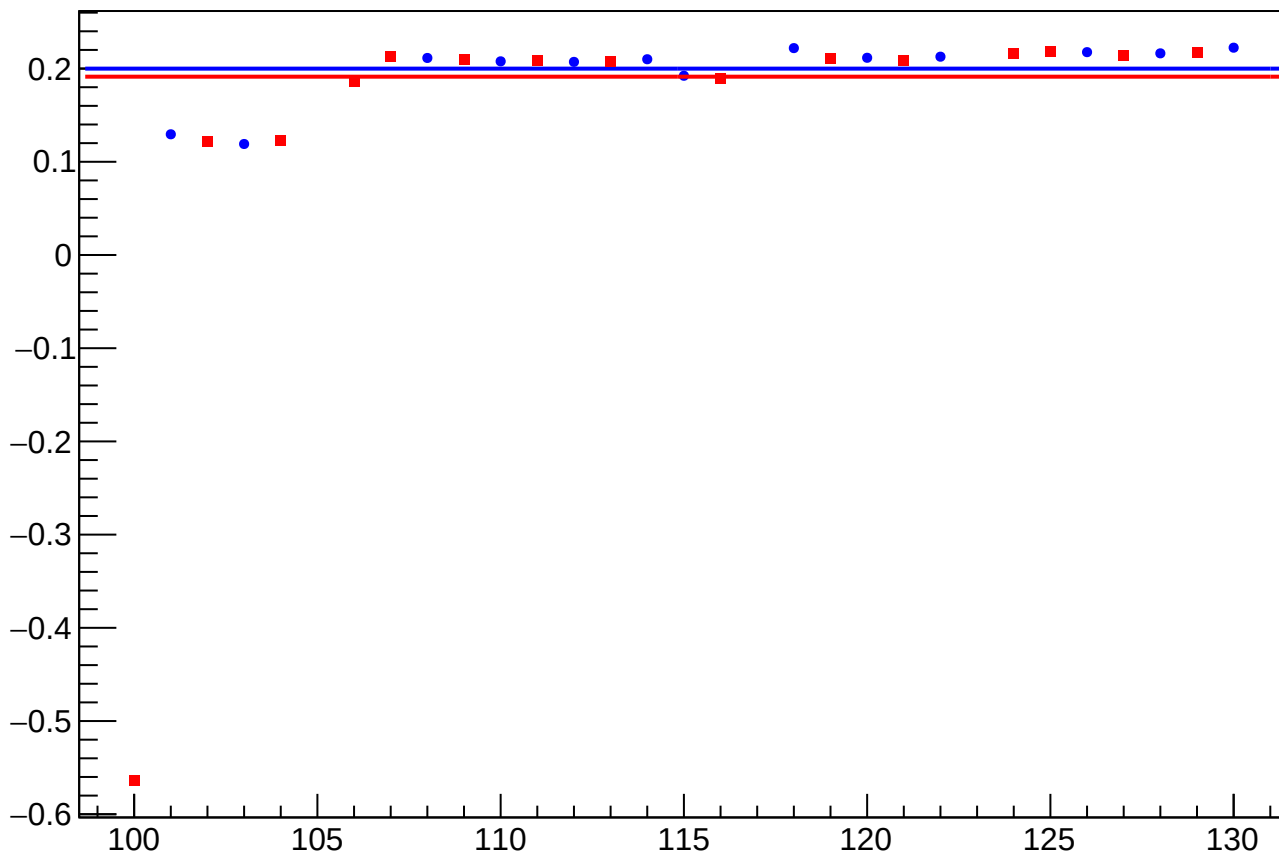
Right: 0.003+/-0.000 χ^2/NDF : 346956.2/27

In: 0.003+/-0.000 χ^2/NDF : 191310.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 346956.2/27

yield_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 0.200+/-0.000 χ^2/NDF : 58774802.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.191+/-0.000 χ^2/NDF : 346383667.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

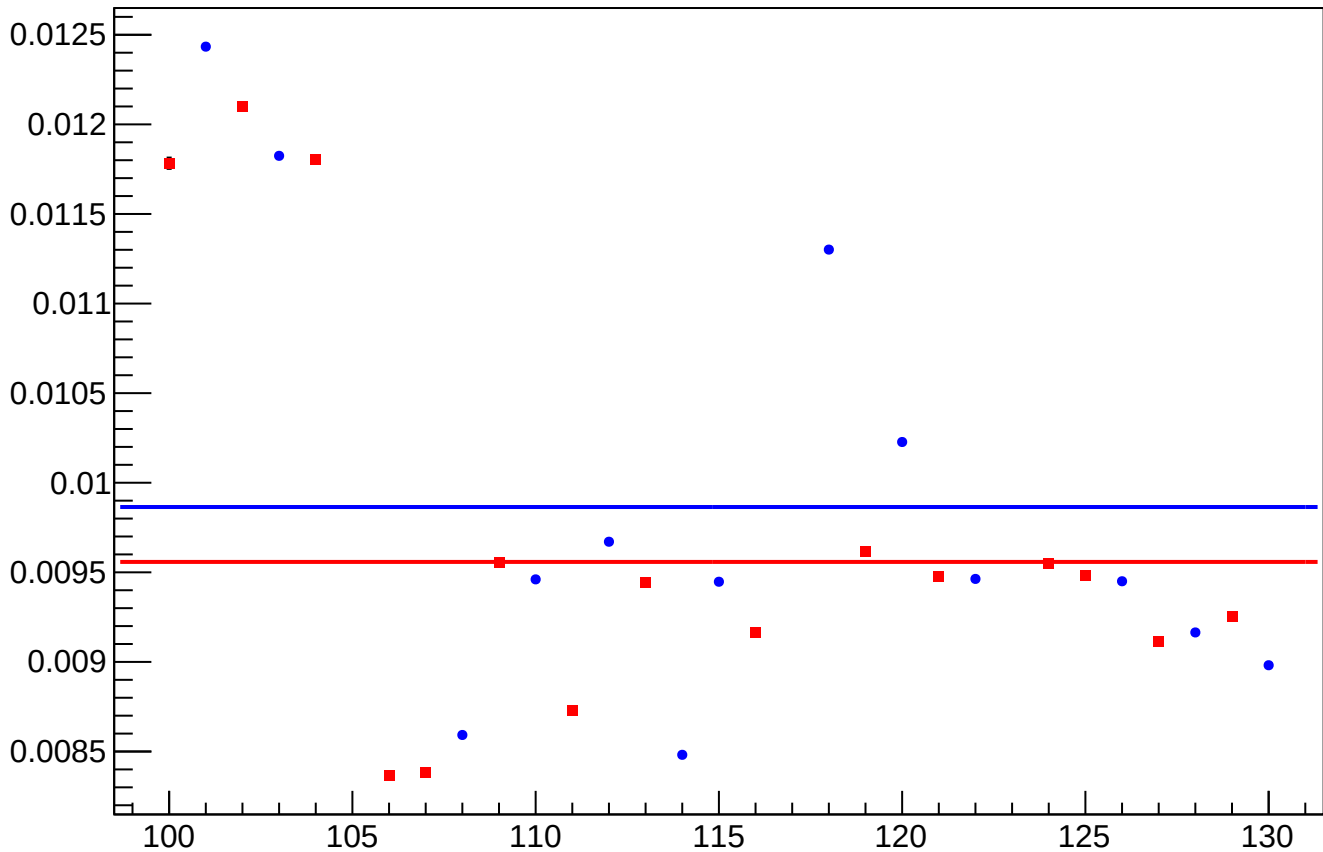
Right: 0.195+/-0.000 χ^2/NDF : 407326159.3/27

In: 0.200+/-0.000 χ^2/NDF : 58774802.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.195+/-0.000 χ^2/NDF : 407326159.3/27

yield_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 147566.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 130951.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

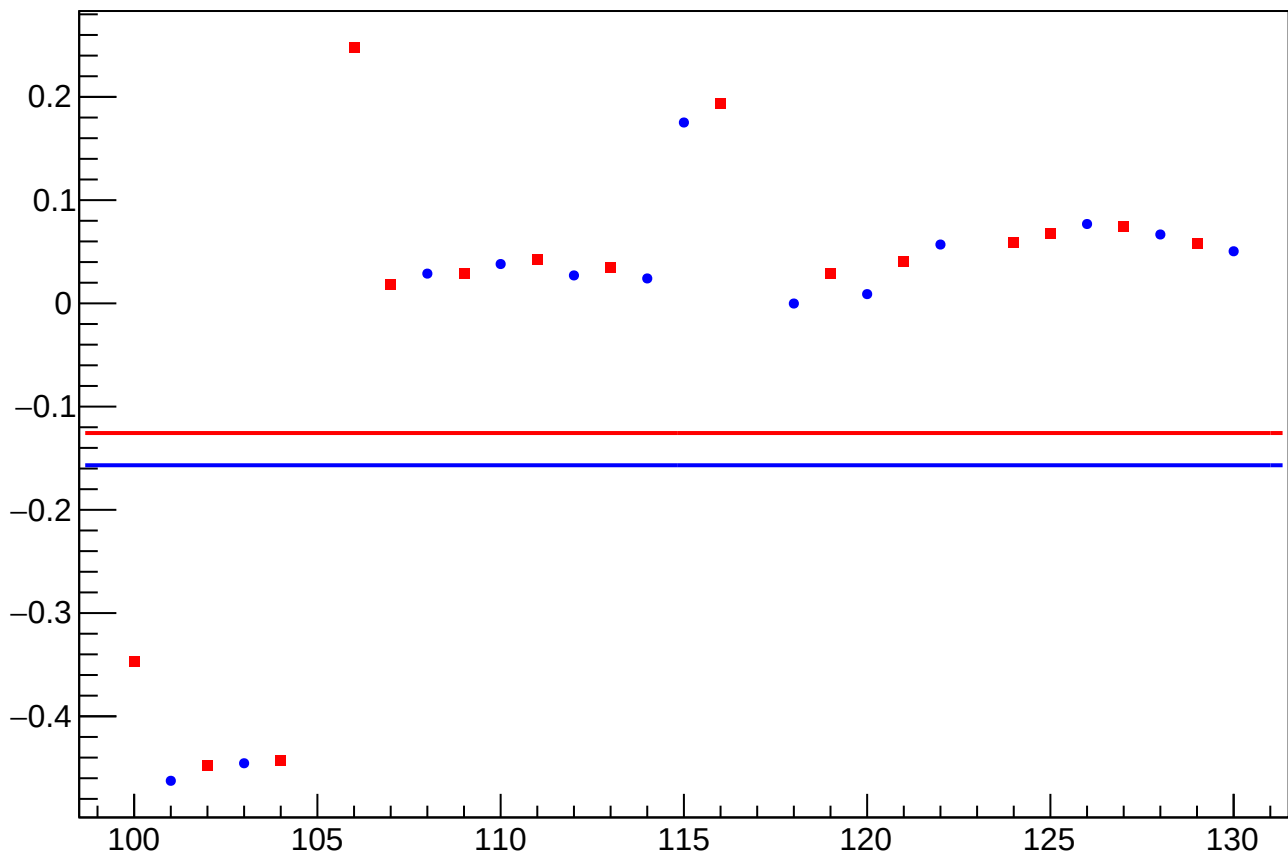
Right: 0.010+/-0.000 χ^2/NDF : 283973.4/27

In: 0.010+/-0.000 χ^2/NDF : 147566.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 283973.4/27

yield_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -0.157+/-0.000 χ^2/NDF : 14325049471.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.126+/-0.000 χ^2/NDF : 14900891578.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

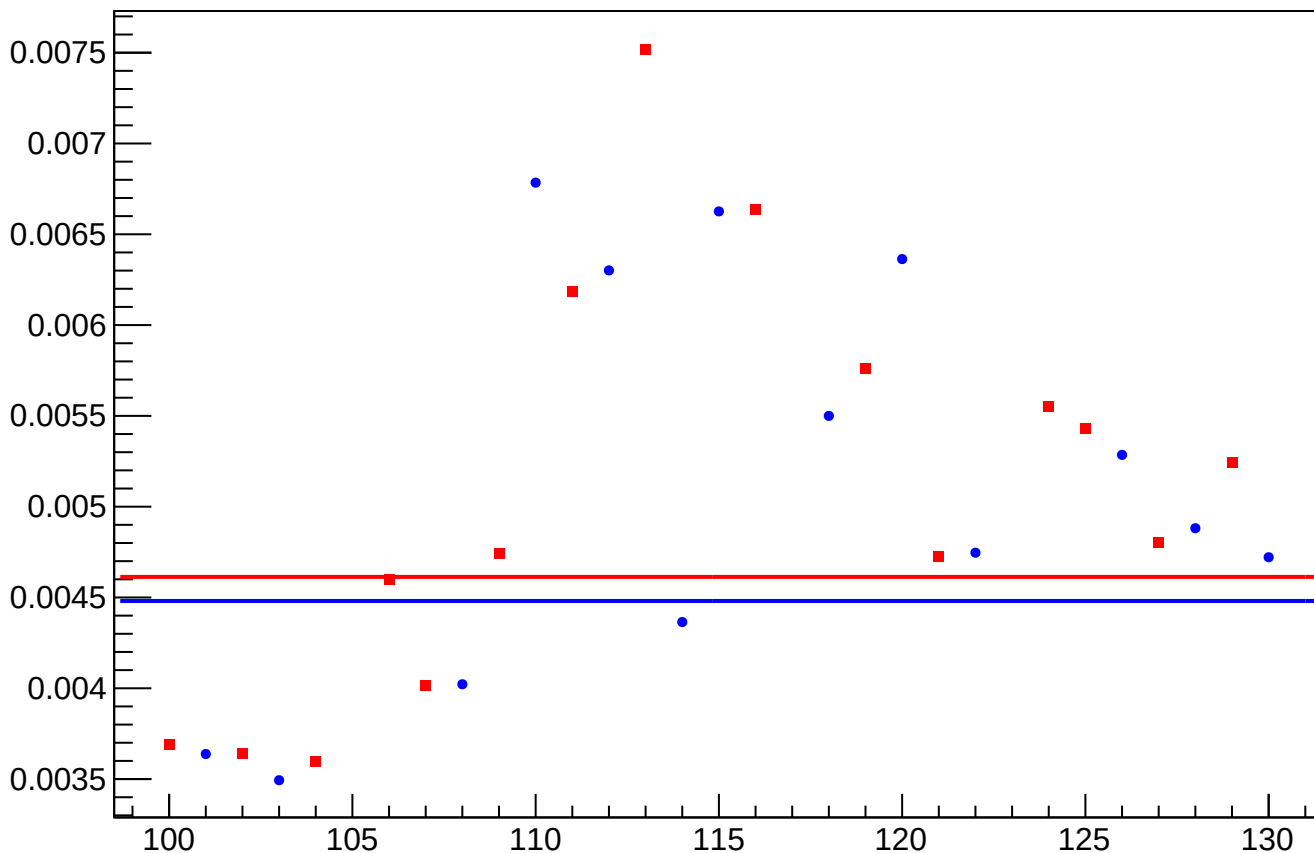
Right: -0.141+/-0.000 χ^2/NDF : 29343123936.6/27

In: -0.157+/-0.000 χ^2/NDF :14325049471.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.141+/-0.000 χ^2/NDF : 29343123936.6/27

yield_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 462873.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 493106.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

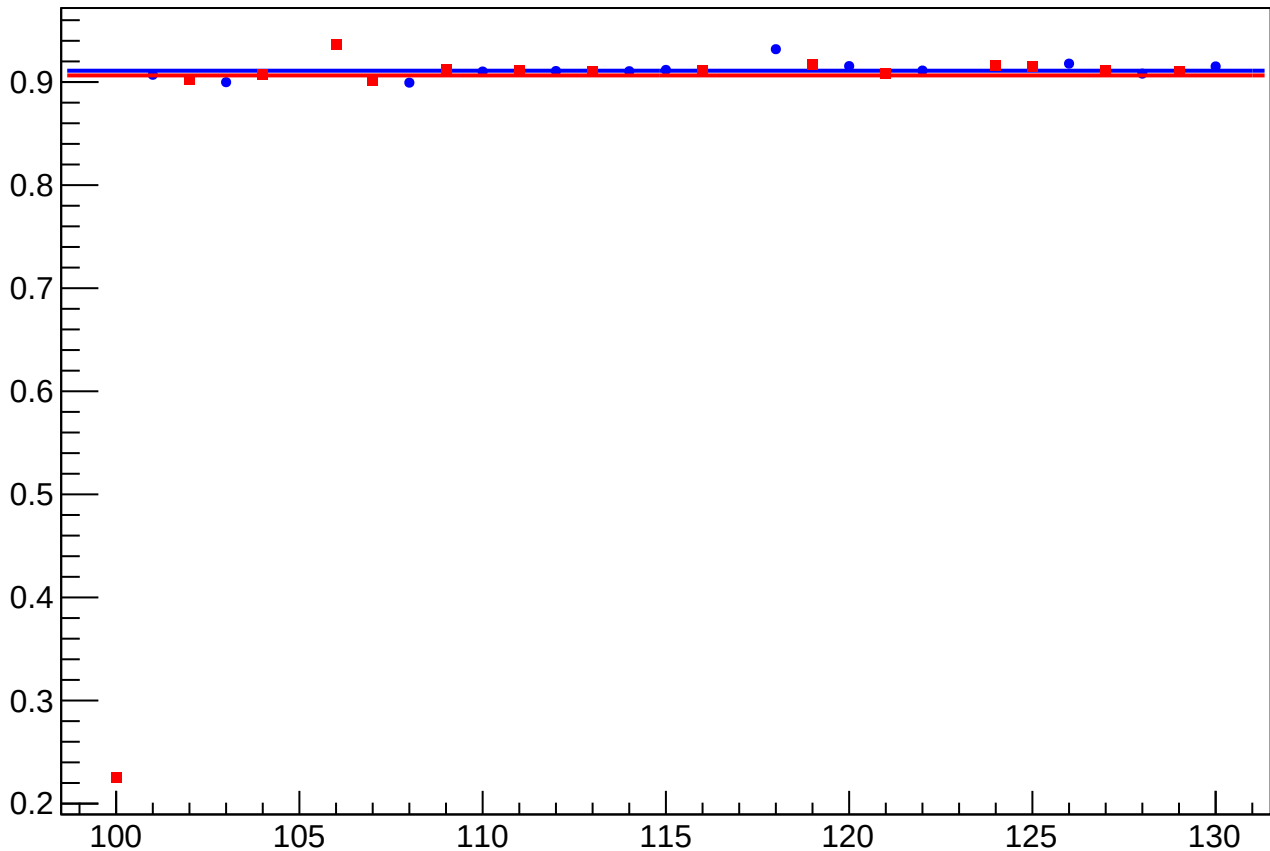
Right: 0.005+/-0.000 χ^2/NDF : 960202.9/27

In: 0.004+/-0.000 χ^2/NDF :462873.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 960202.9/27

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.911+/-0.000 χ^2/NDF : 2710040.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.906+/-0.000 χ^2/NDF : 218299679.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

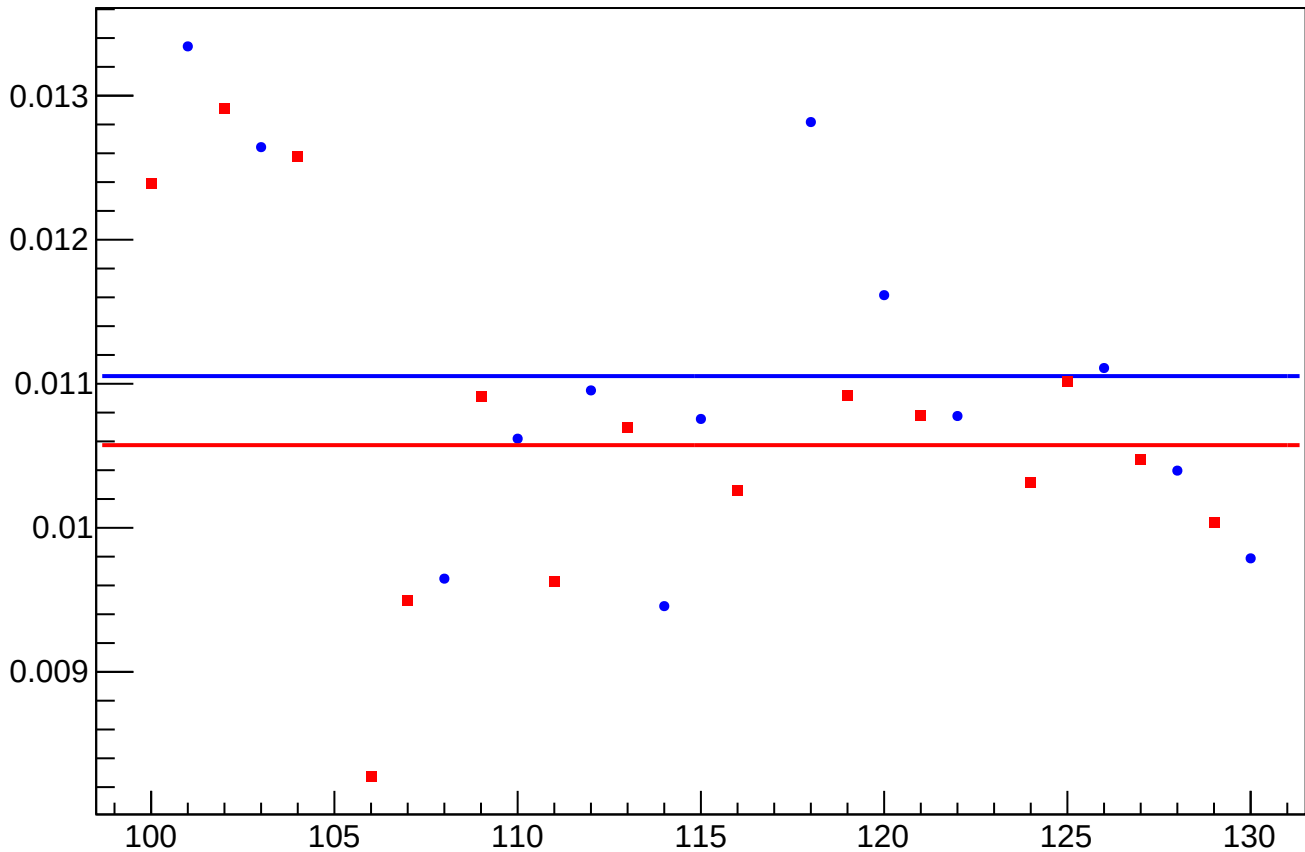
Right: 0.909+/-0.000 χ^2/NDF : 221496622.1/27

In: 0.911+/-0.000 χ^2/NDF :2710040.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.909+/-0.000 χ^2/NDF : 221496622.1/27

yield_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 122484.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 139097.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

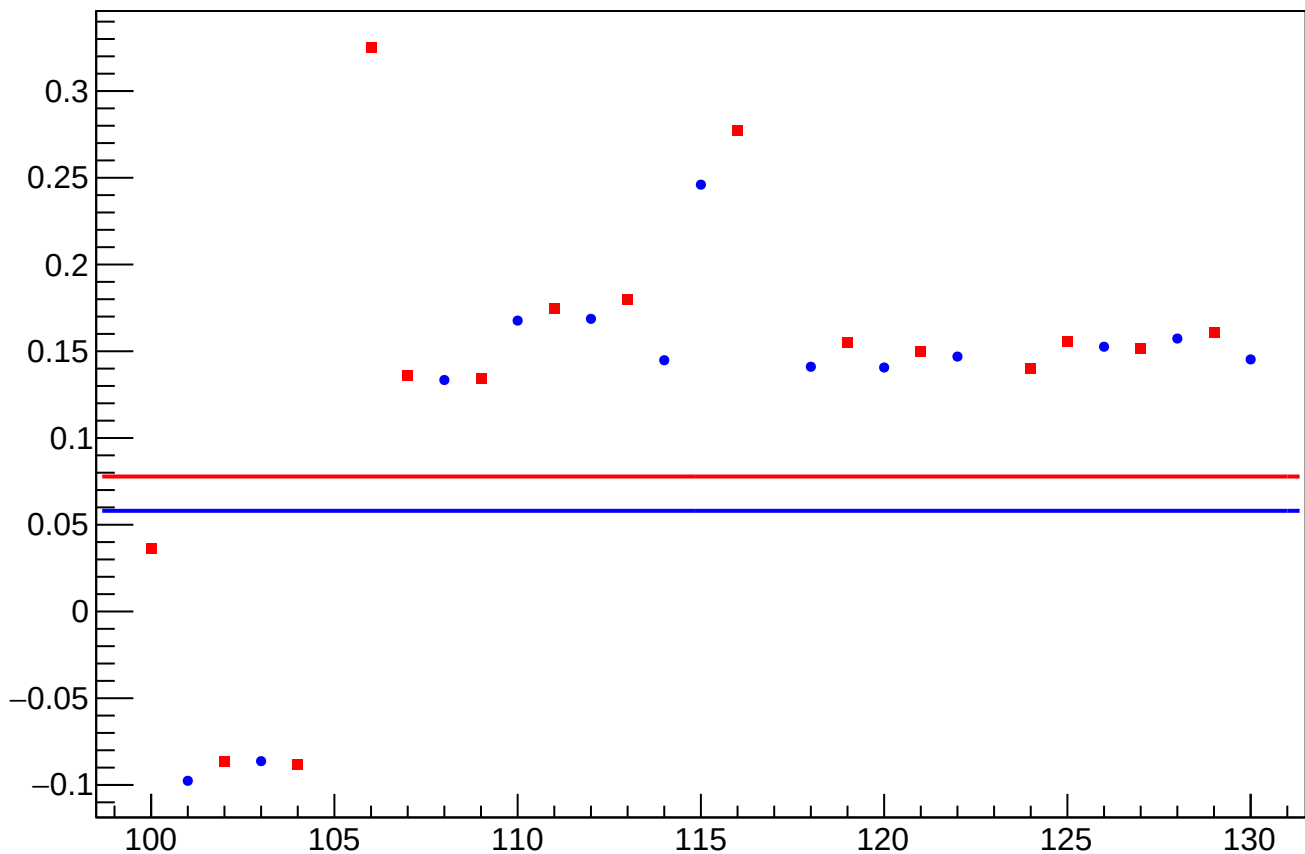
Right: 0.011+/-0.000 χ^2/NDF : 272344.1/27

In: 0.011+/-0.000 χ^2/NDF : 122484.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 272344.1/27

yield_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: 0.058+/-0.000

χ^2/NDF : 2876169687.2/12

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.068+/-0.000 χ^2/NDF : 6237466434.6/27

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.058+/-0.000 χ^2/NDF : 2876169687.2/12

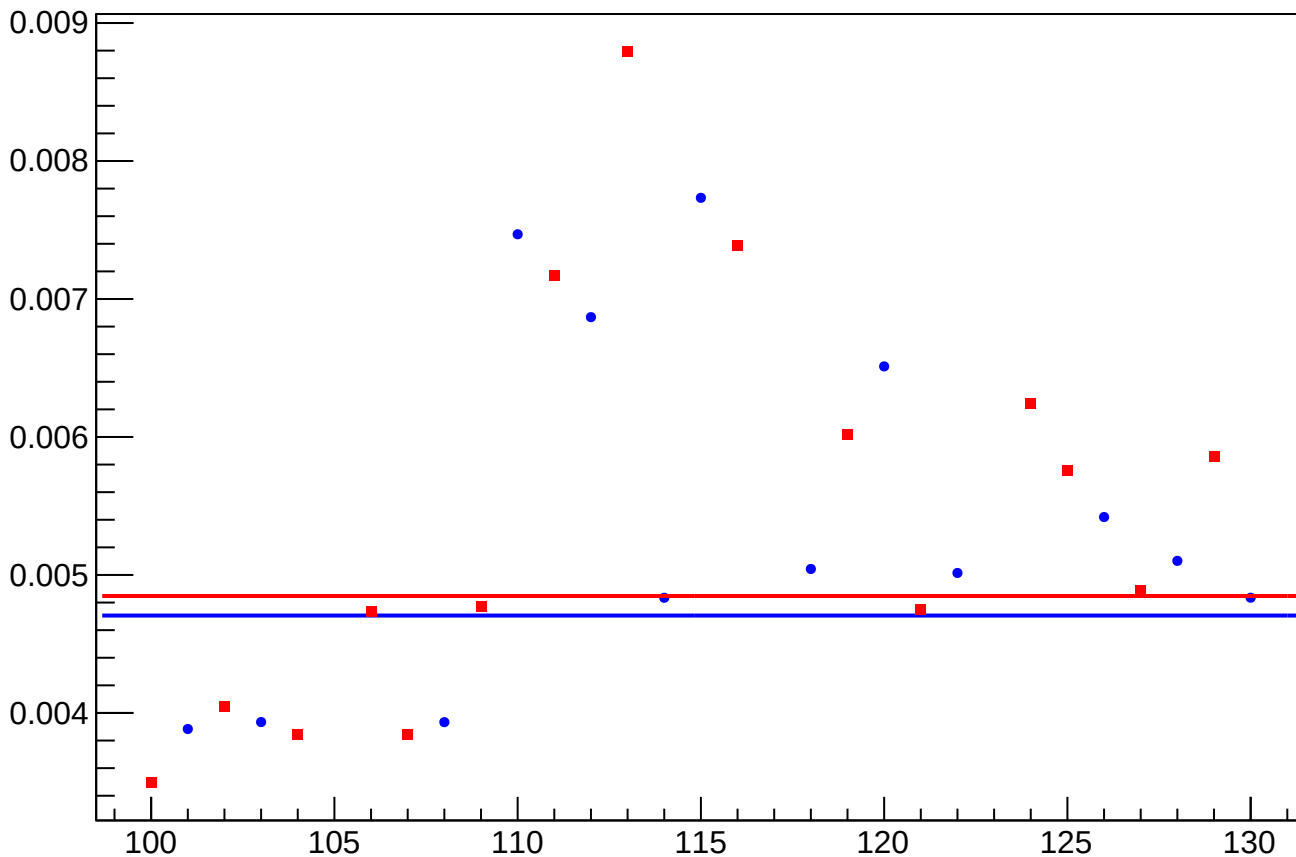
Right Out: 0.078+/-0.000 χ^2/NDF : 3320394728.2/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.068+/-0.000 χ^2/NDF : 6237466434.6/27

yield_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 410584.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 566559.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

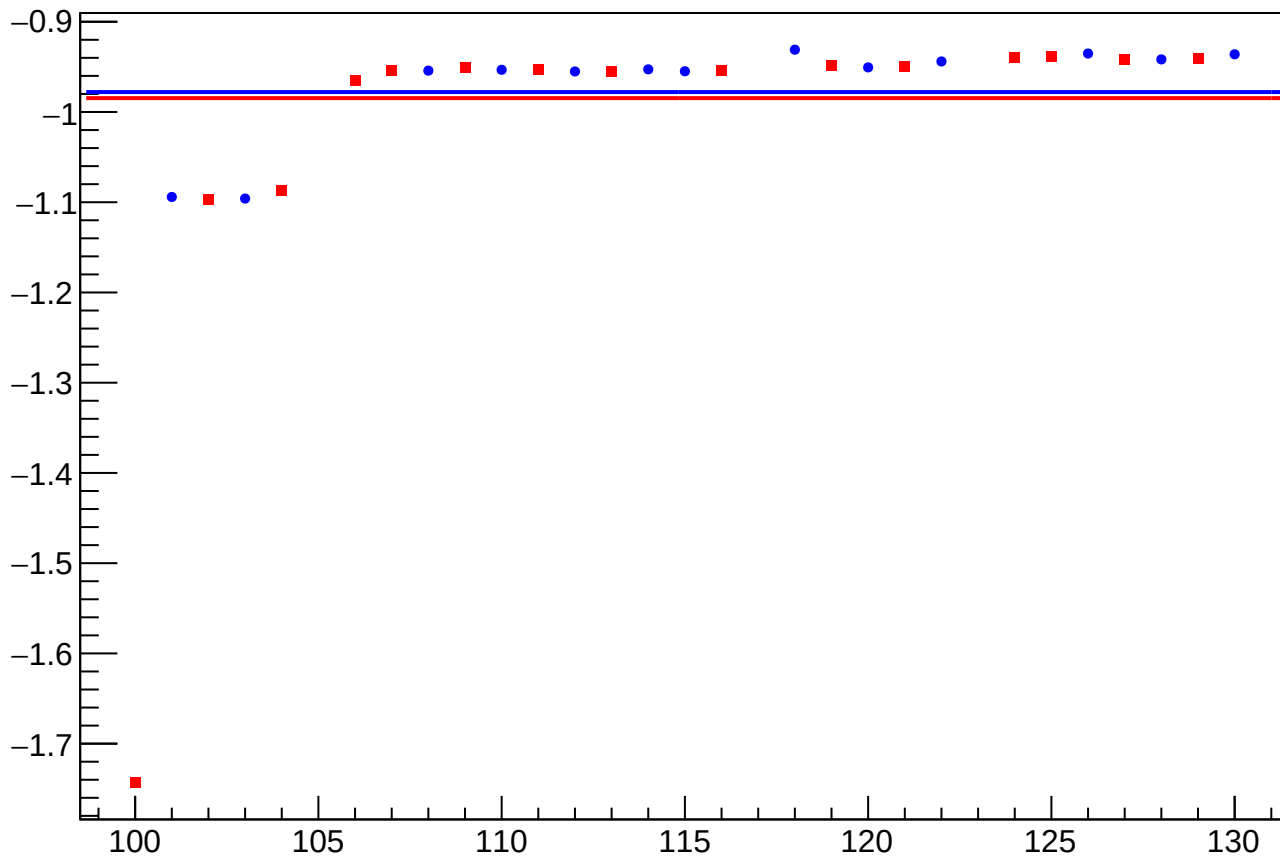
Right: 0.005+/-0.000 χ^2/NDF : 981338.7/27

In: 0.005+/-0.000 χ^2/NDF :410584.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 981338.7/27

yield_bpm0l10X_mean vs Slug, Sign Corrected



Right In: -0.978+/-0.000 χ^2/NDF : 143570182.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.985+/-0.000 χ^2/NDF : 437827471.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

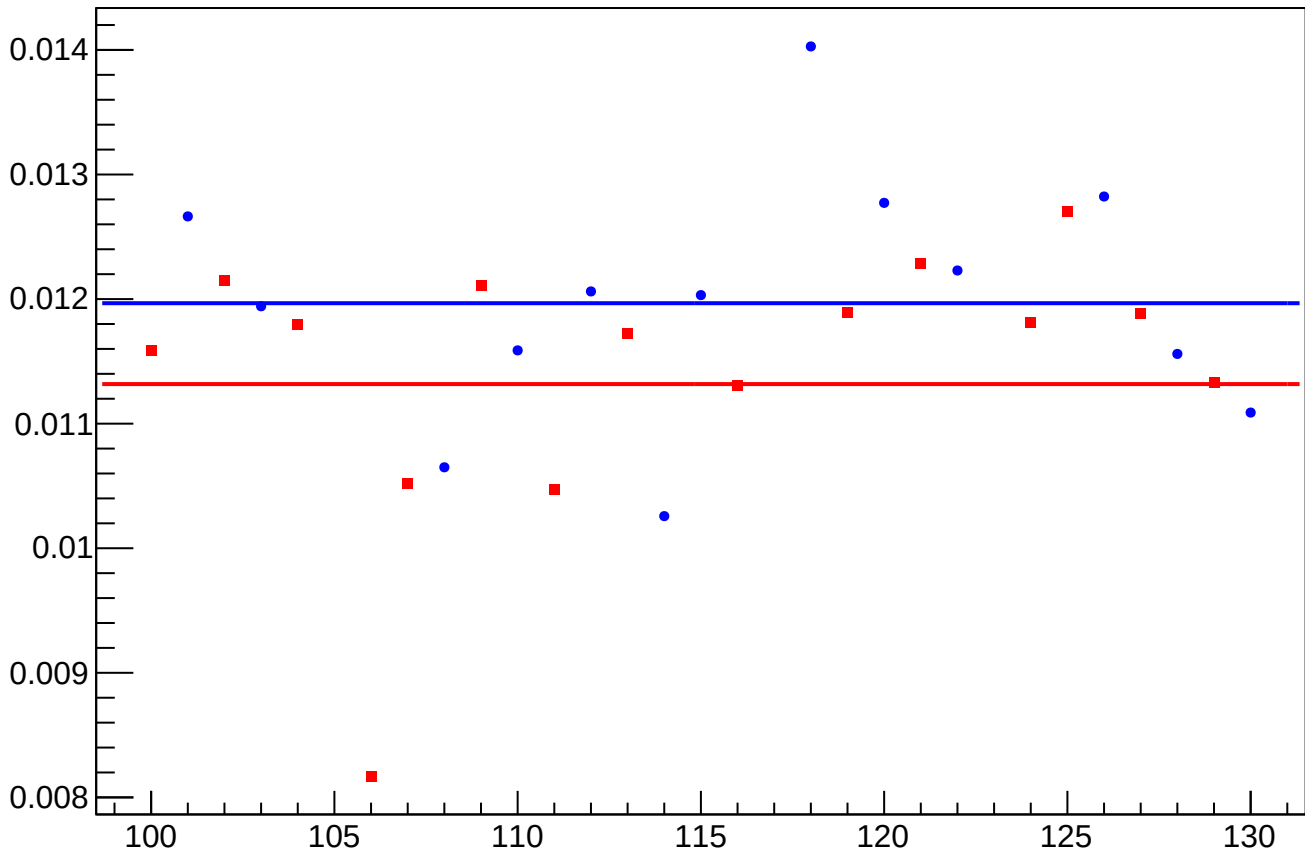
Right: -0.982+/-0.000 χ^2/NDF : 582312497.8/27

In: -0.978+/-0.000 χ^2/NDF : 143570182.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.982+/-0.000 χ^2/NDF : 582312497.8/27

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 57996.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 133134.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

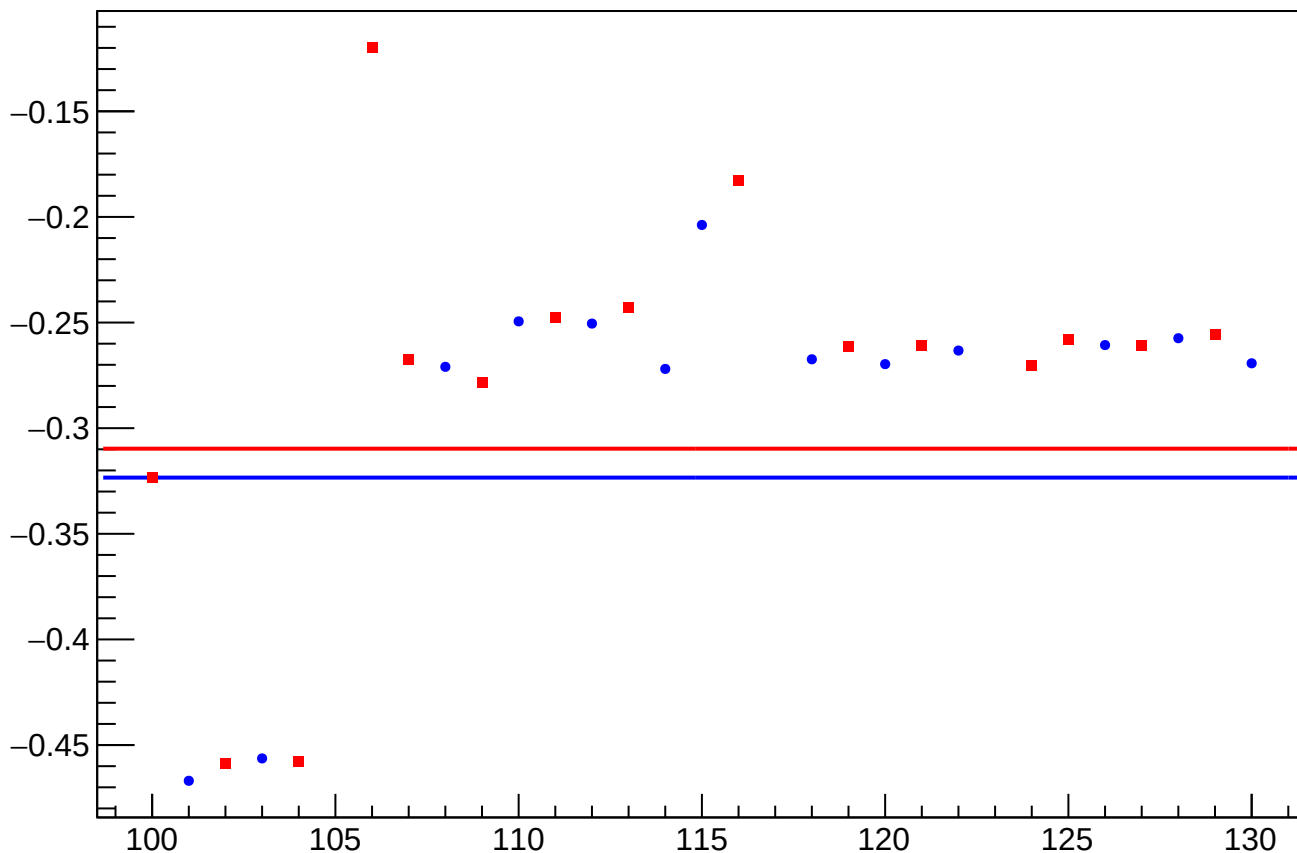
Right: 0.012+/-0.000 χ^2/NDF : 208137.4/27

In: 0.012+/-0.000 χ^2/NDF : 57996.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 208137.4/27

yield_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -0.323+/-0.000 χ^2/NDF : 2510110206.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.310+/-0.000 χ^2/NDF : 2674019450.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

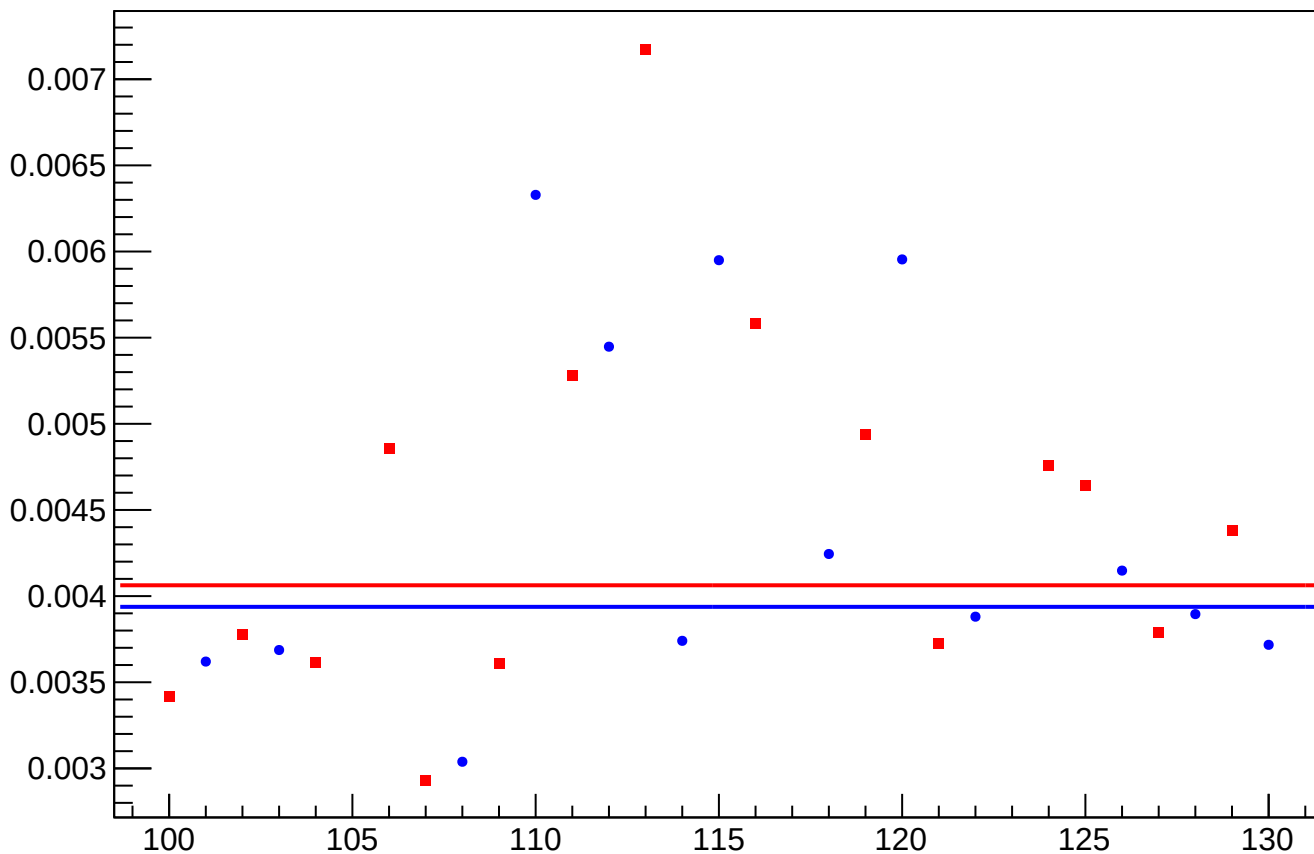
Right: -0.316+/-0.000 χ^2/NDF : 5212320153.9/27

In: -0.323+/-0.000 χ^2/NDF :2510110206.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.316+/-0.000 χ^2/NDF : 5212320153.9/27

yield_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 346020.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 419284.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

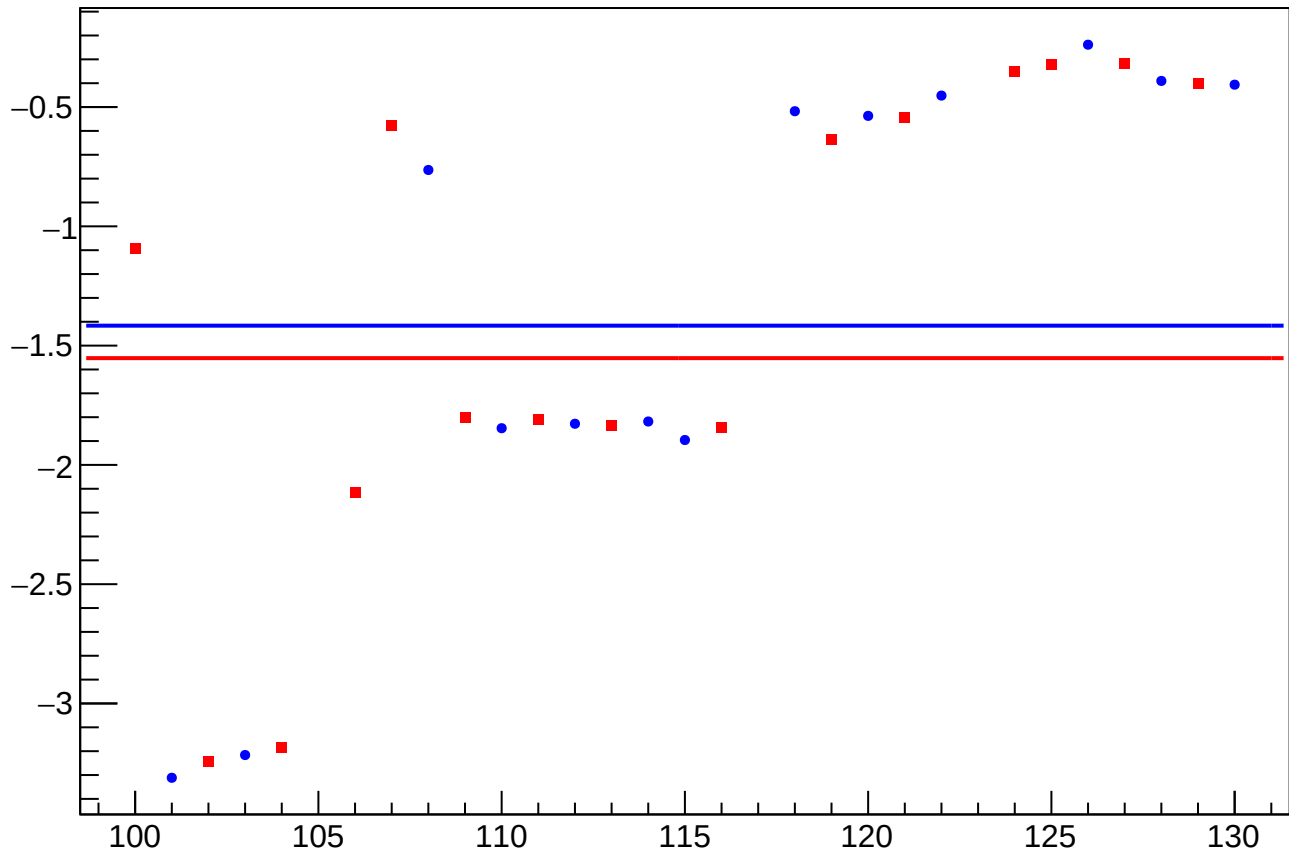
Right: 0.004+/-0.000 χ^2/NDF : 770015.0/27

In: 0.004+/-0.000 χ^2/NDF :346020.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 770015.0/27

yield_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -1.416+/-0.000 χ^2/NDF : 1375399093.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.552+/-0.000 χ^2/NDF : 1182546208.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

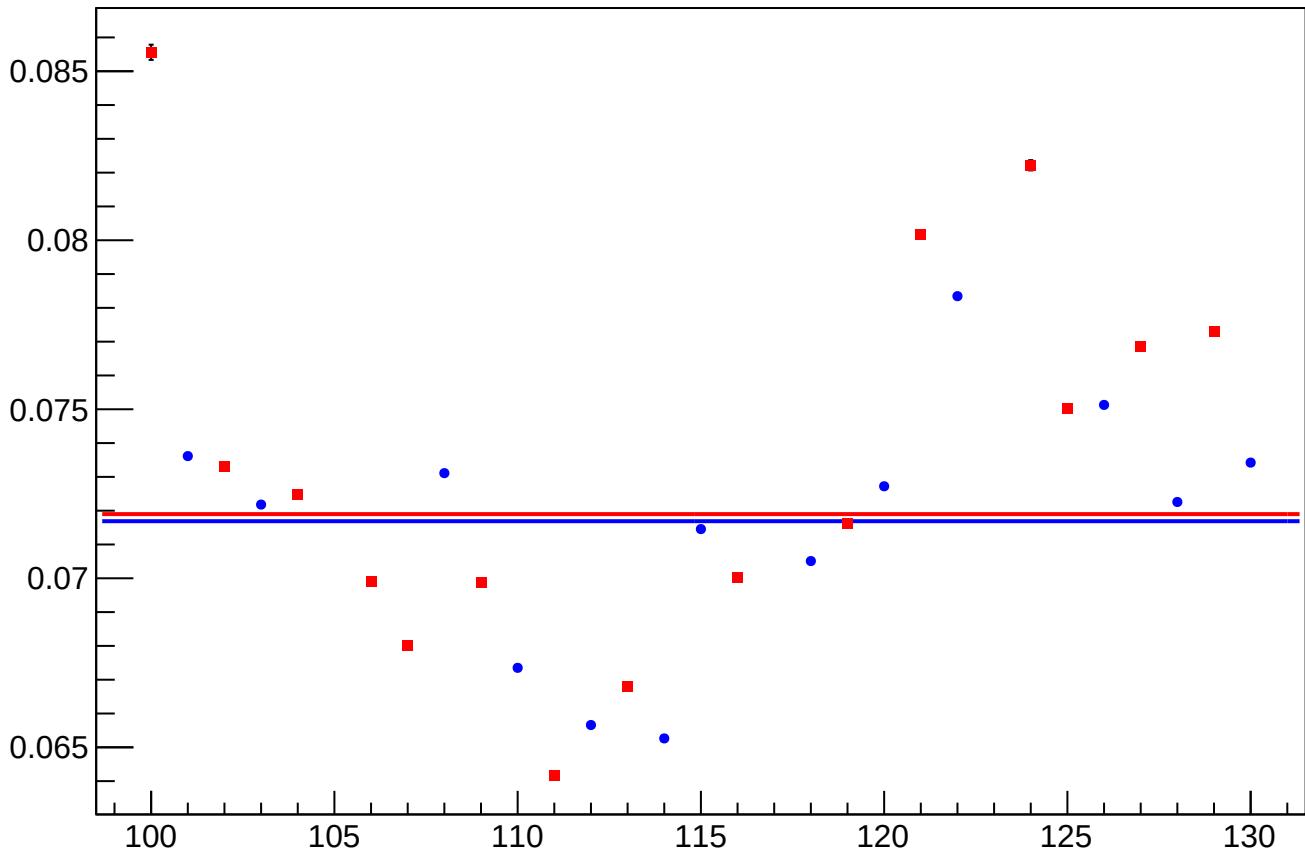
Right: -1.486+/-0.000 χ^2/NDF : 2568044523.3/27

In: -1.416+/-0.000 χ^2/NDF :1375399093.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.486+/-0.000 χ^2/NDF : 2568044523.3/27

yield_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 0.072+/-0.000 χ^2/NDF : 23549.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.072+/-0.000 χ^2/NDF : 48270.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

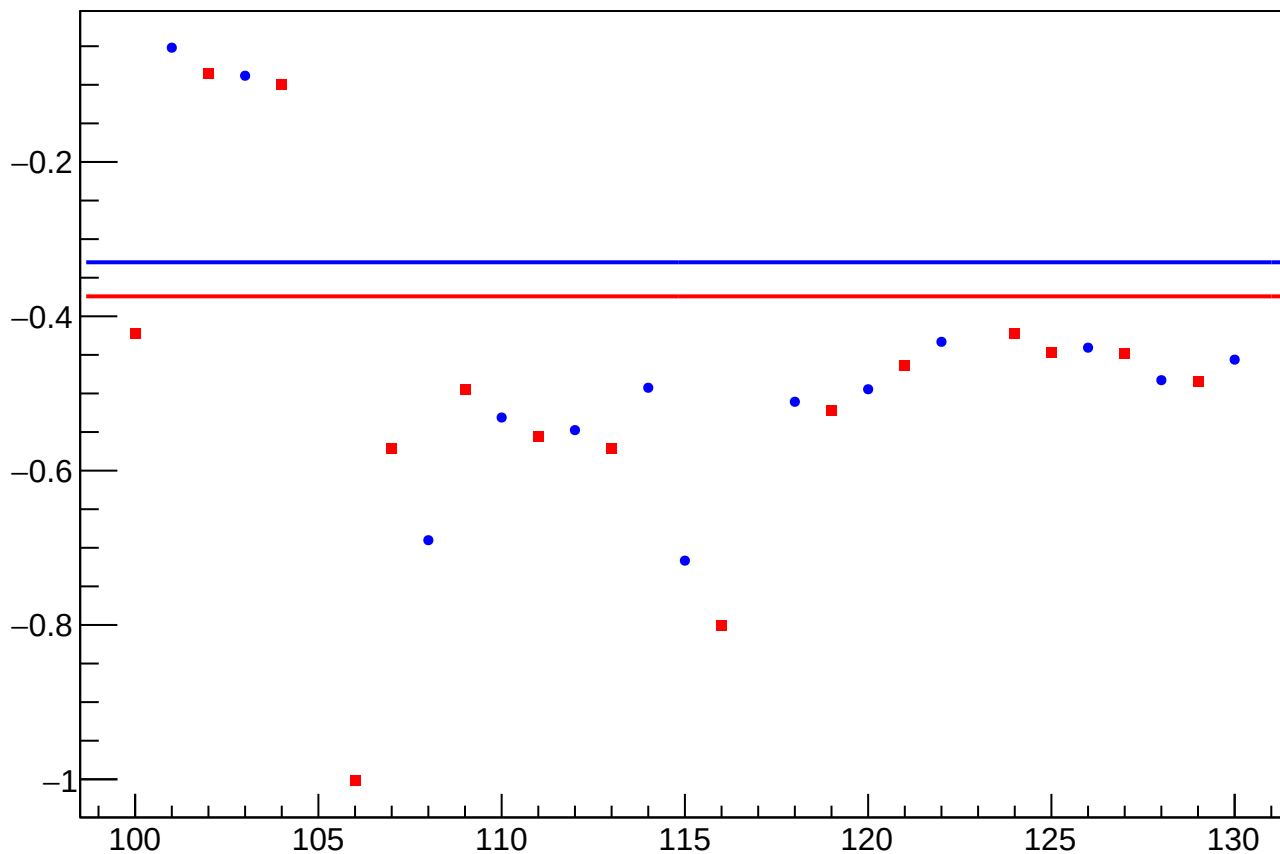
Right: 0.072+/-0.000 χ^2/NDF : 71867.4/27

In: 0.072+/-0.000 χ^2/NDF :23549.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.072+/-0.000 χ^2/NDF : 71867.4/27

yield_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: -0.330+/-0.000 χ^2/NDF : 1868374654.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.374+/-0.000 χ^2/NDF : 2511351180.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

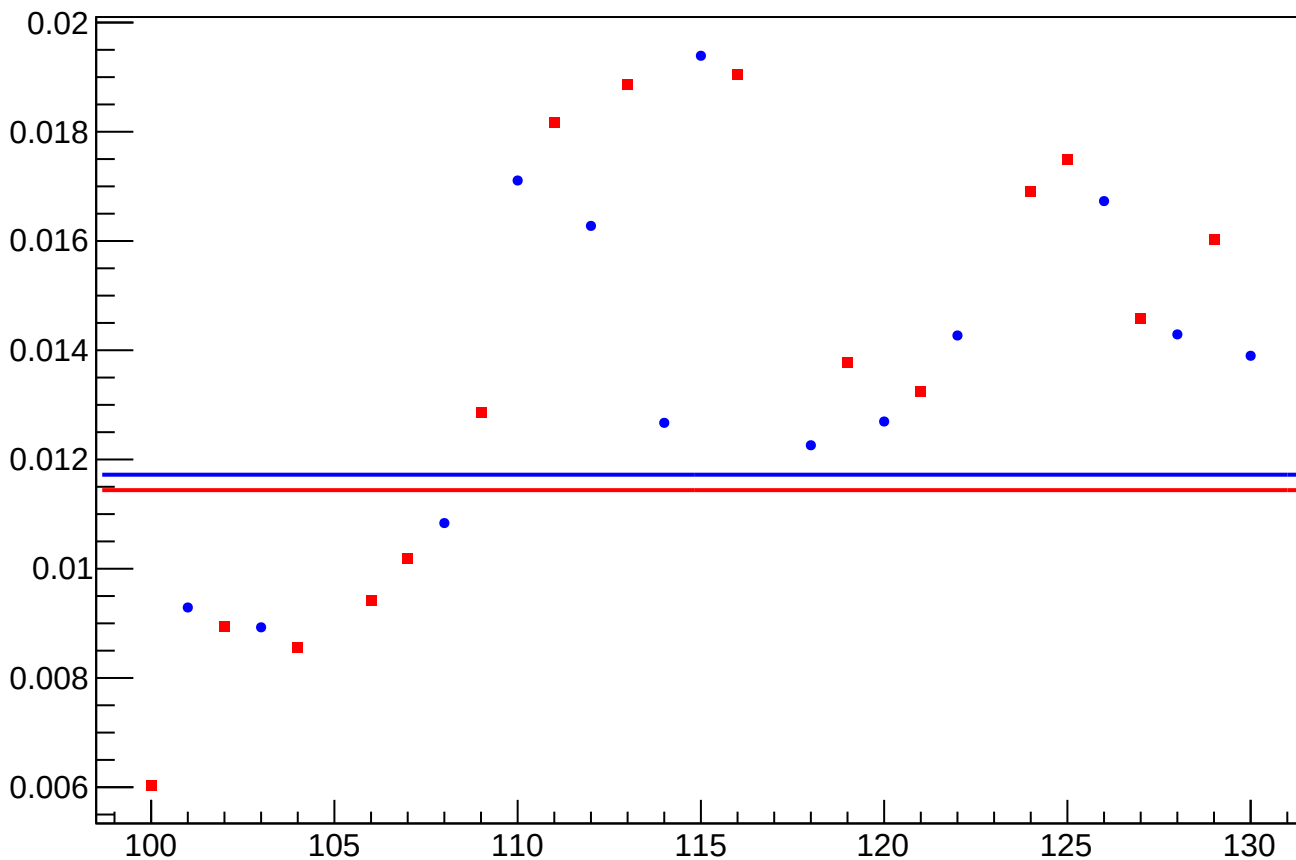
Right: -0.353+/-0.000 χ^2/NDF : 4414179446.9/27

In: -0.330+/-0.000 χ^2/NDF : 1868374654.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.353+/-0.000 χ^2/NDF : 4414179446.9/27

yield_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 513339.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 916742.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

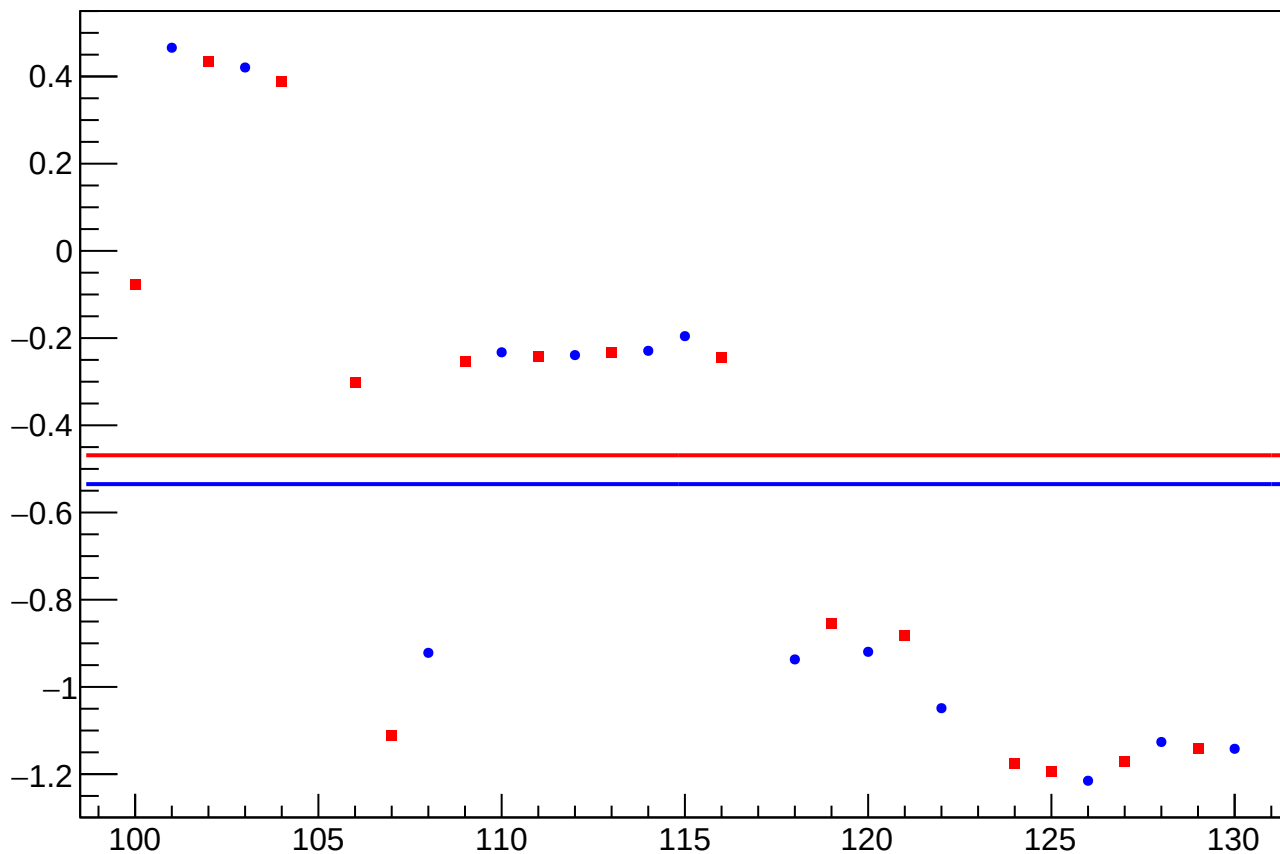
Right: 0.012+/-0.000 χ^2/NDF : 1432910.1/27

In: 0.012+/-0.000 χ^2/NDF :513339.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.000 χ^2/NDF : 1432910.1/27

yield_bpm0r05X_mean vs Slug, Sign Corrected



Right In: -0.535+/-0.000 χ^2/NDF : 279756629.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.469+/-0.000 χ^2/NDF : 246334259.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

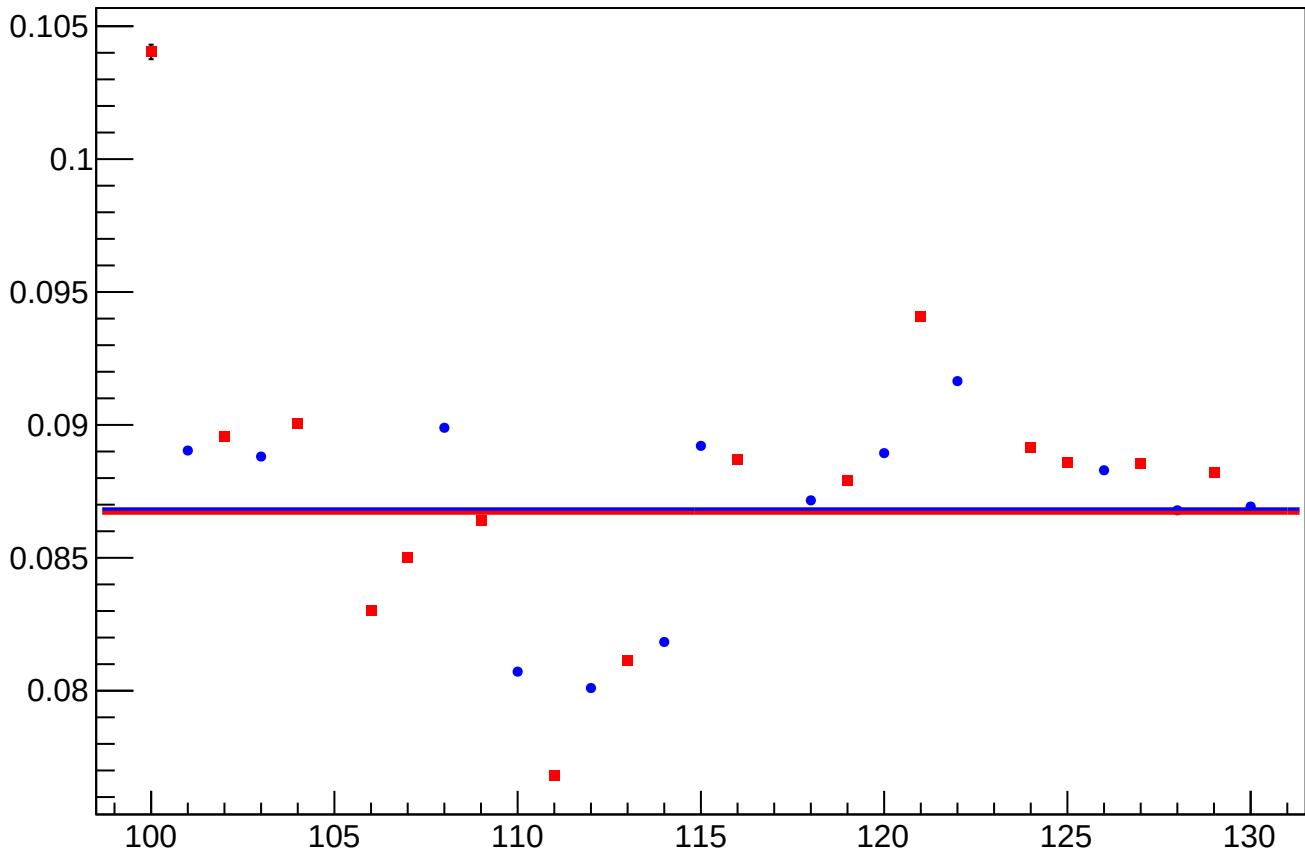
Right: -0.501+/-0.000 χ^2/NDF : 527749423.6/27

In: -0.535+/-0.000 χ^2/NDF :279756629.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.501+/-0.000 χ^2/NDF : 527749423.6/27

yield_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 0.087+/-0.000 χ^2/NDF : 17632.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.087+/-0.000 χ^2/NDF : 34468.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

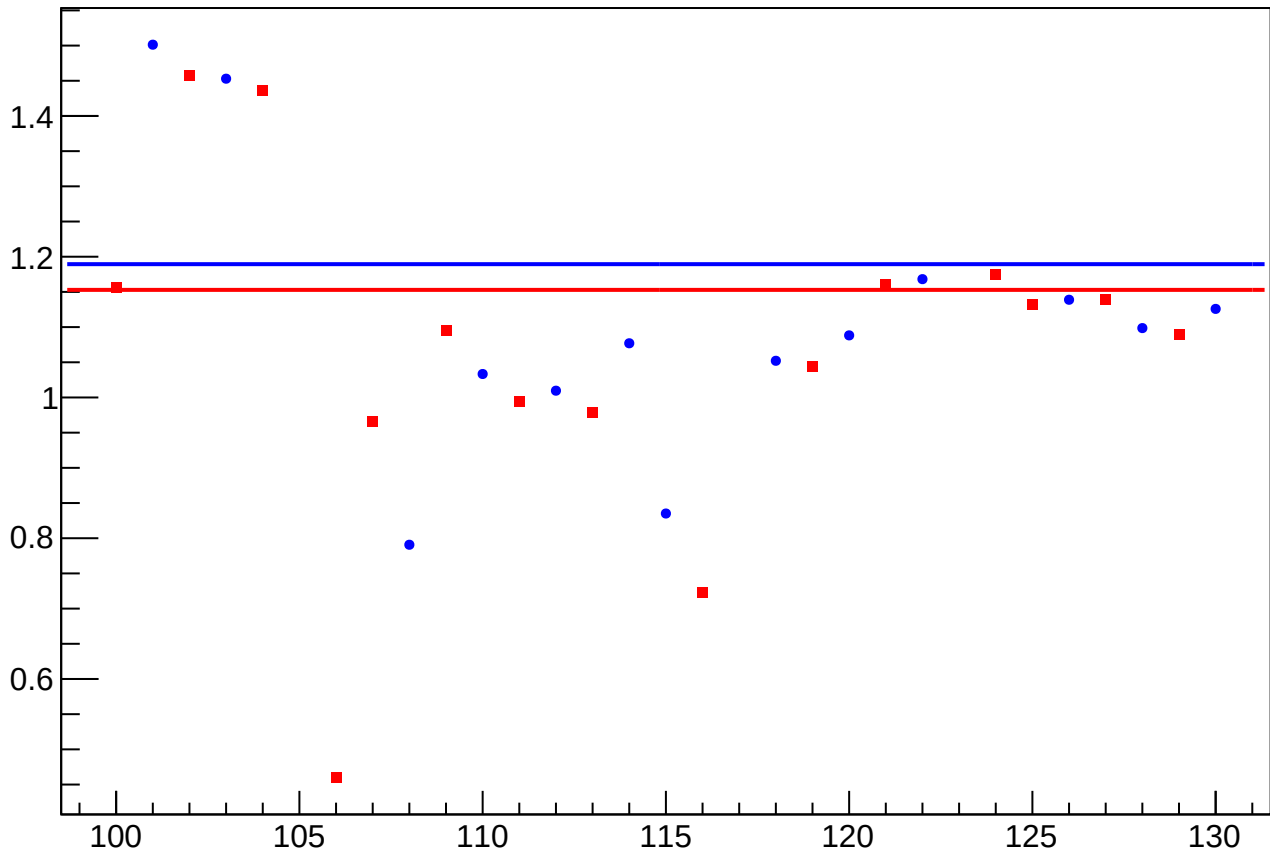
Right: 0.087+/-0.000 χ^2/NDF : 52113.7/27

In: 0.087+/-0.000 χ^2/NDF : 17632.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.087+/-0.000 χ^2/NDF : 52113.7/27

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.189+/-0.000 χ^2/NDF : 1075747343.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.153+/-0.000 χ^2/NDF : 1407852792.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

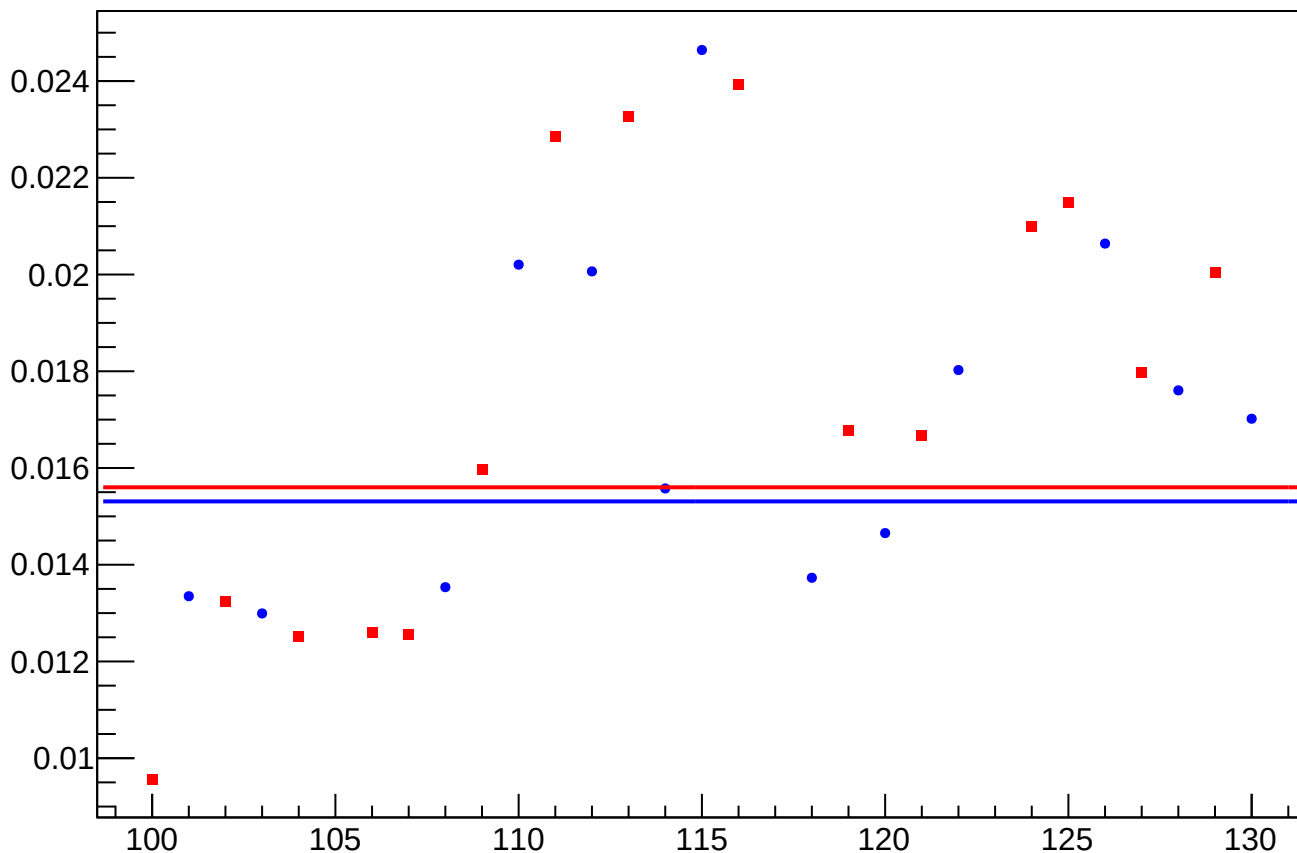
Right: 1.171+/-0.000 χ^2/NDF : 2497218946.1/27

In: 1.189+/-0.000 χ^2/NDF : 1075747343.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.171+/-0.000 χ^2/NDF : 2497218946.1/27

yield_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 295849.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 555855.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

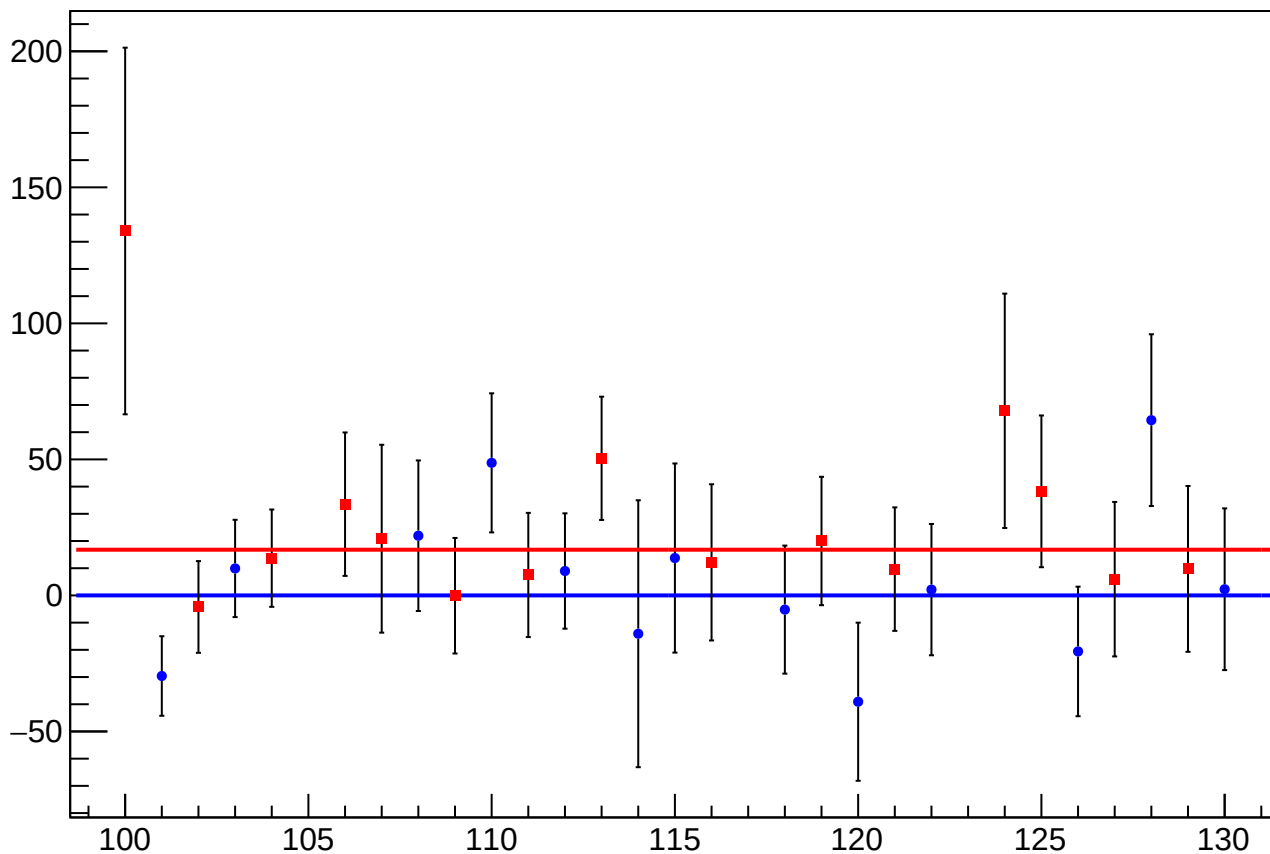
Right: 0.015+/-0.000 χ^2/NDF : 853441.2/27

In: 0.015+/-0.000 χ^2/NDF :295849.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.000 χ^2/NDF : 853441.2/27

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: 0.006 $\pm$ 6.635 χ^2 /NDF: 15.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 16.802 $\pm$ 6.412 χ^2 /NDF: 10.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

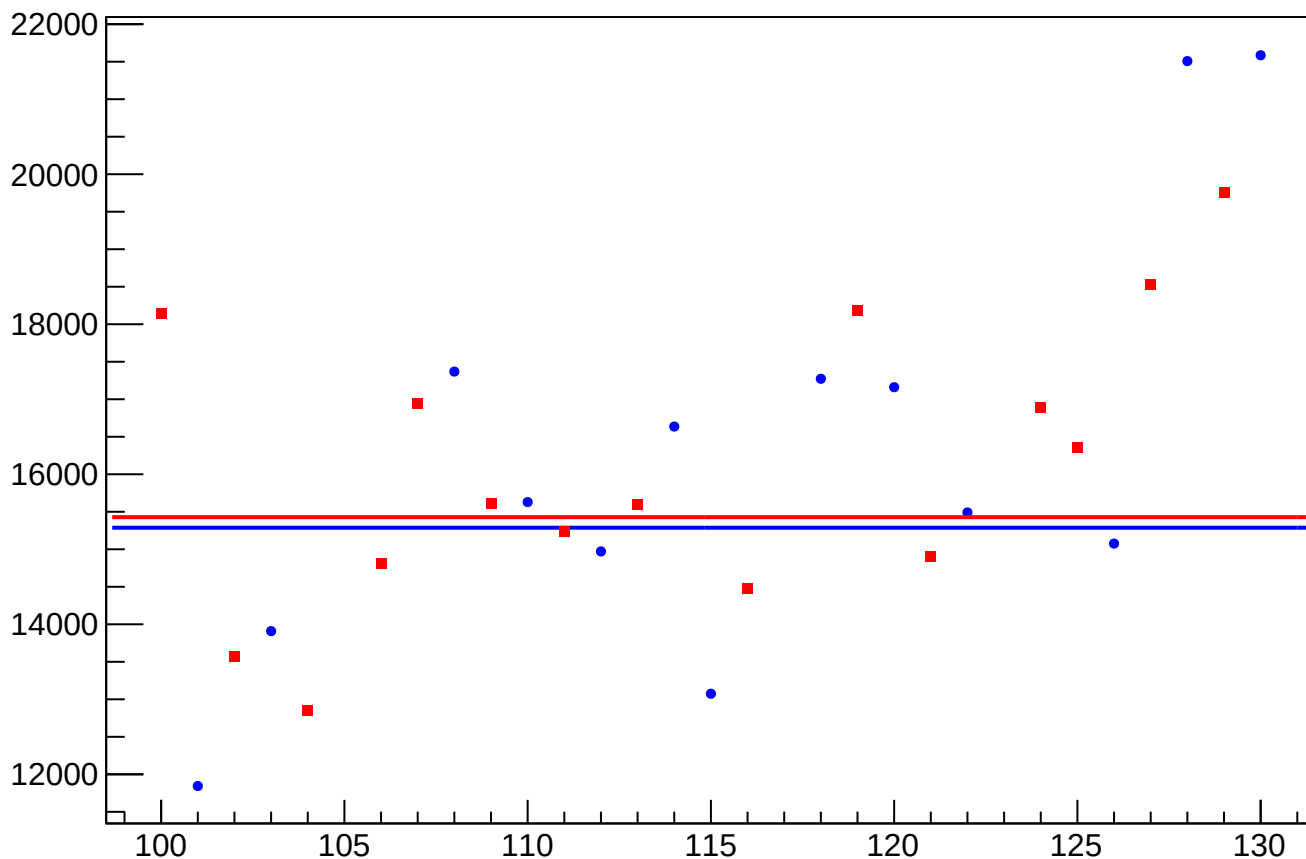
Right: 8.691 $\pm$ 4.611 χ^2 /NDF: 29.6/27

In: 0.006 $\pm$ 6.635 χ^2 /NDF:15.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 8.691 $\pm$ 4.611 χ^2 /NDF: 29.6/27

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 15287.524+/-4.692 χ^2/NDF : 334820.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15428.043+/-4.534 χ^2/NDF : 173705.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

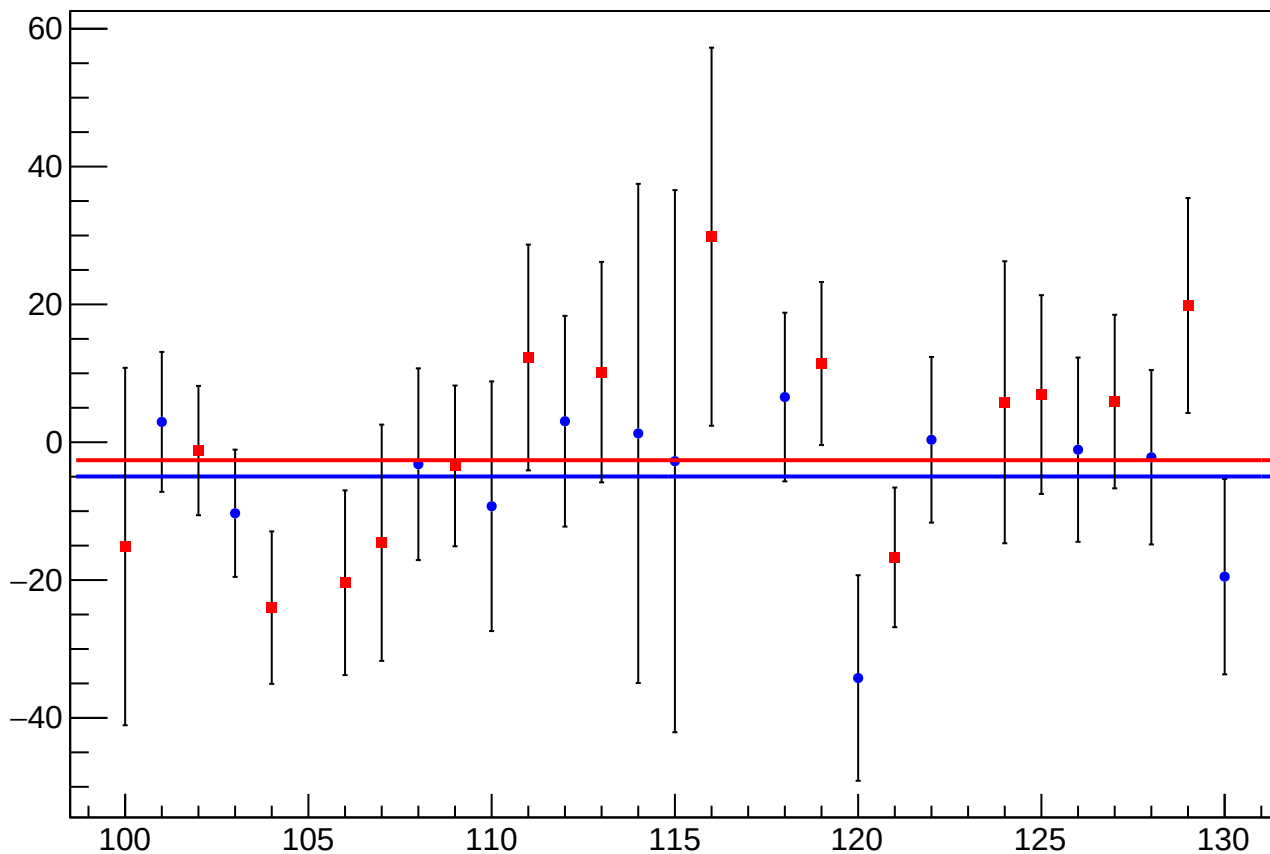
Right: 15360.183+/-3.260 χ^2/NDF : 508989.6/27

In: 15287.524+/-4.692 χ^2/NDF : 334820.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15360.183+/-3.260 χ^2/NDF : 508989.6/27

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -4.969+/-3.773 χ^2/NDF : 7.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.606+/-3.518 χ^2/NDF : 15.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

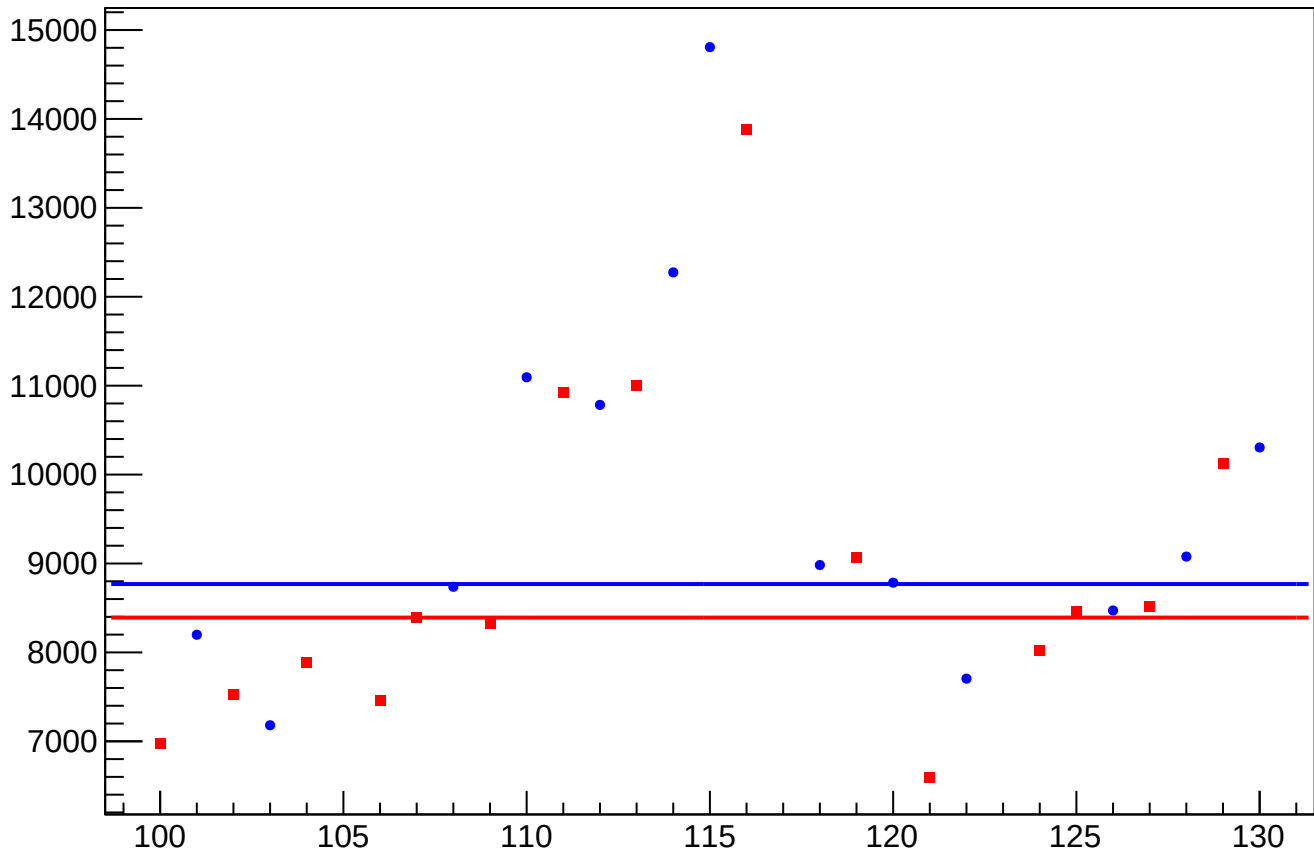
Right: -3.705+/-2.573 χ^2/NDF : 23.2/27

In: -4.969+/-3.773 χ^2/NDF : 7.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.705+/-2.573 χ^2/NDF : 23.2/27

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8768.967+/-2.668 χ^2/NDF : 240952.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8391.491+/-2.488 χ^2/NDF : 312127.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

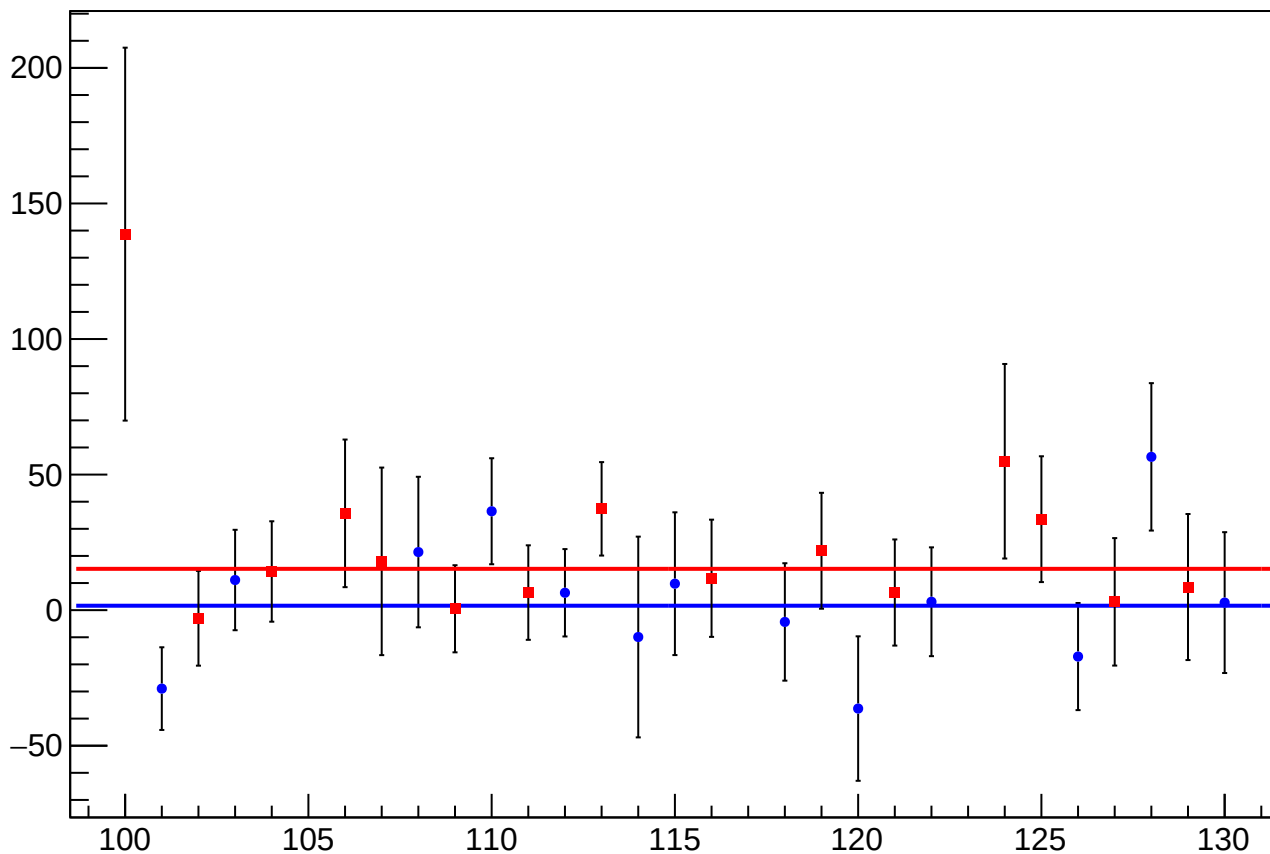
Right: 8567.030+/-1.819 χ^2/NDF : 563788.5/27

In: 8768.967+/-2.668 χ^2/NDF : 240952.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8567.030+/-1.819 χ^2/NDF : 563788.5/27

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: 1.636+/-5.915 χ^2/NDF : 15.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.239+/-5.601 χ^2/NDF : 10.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

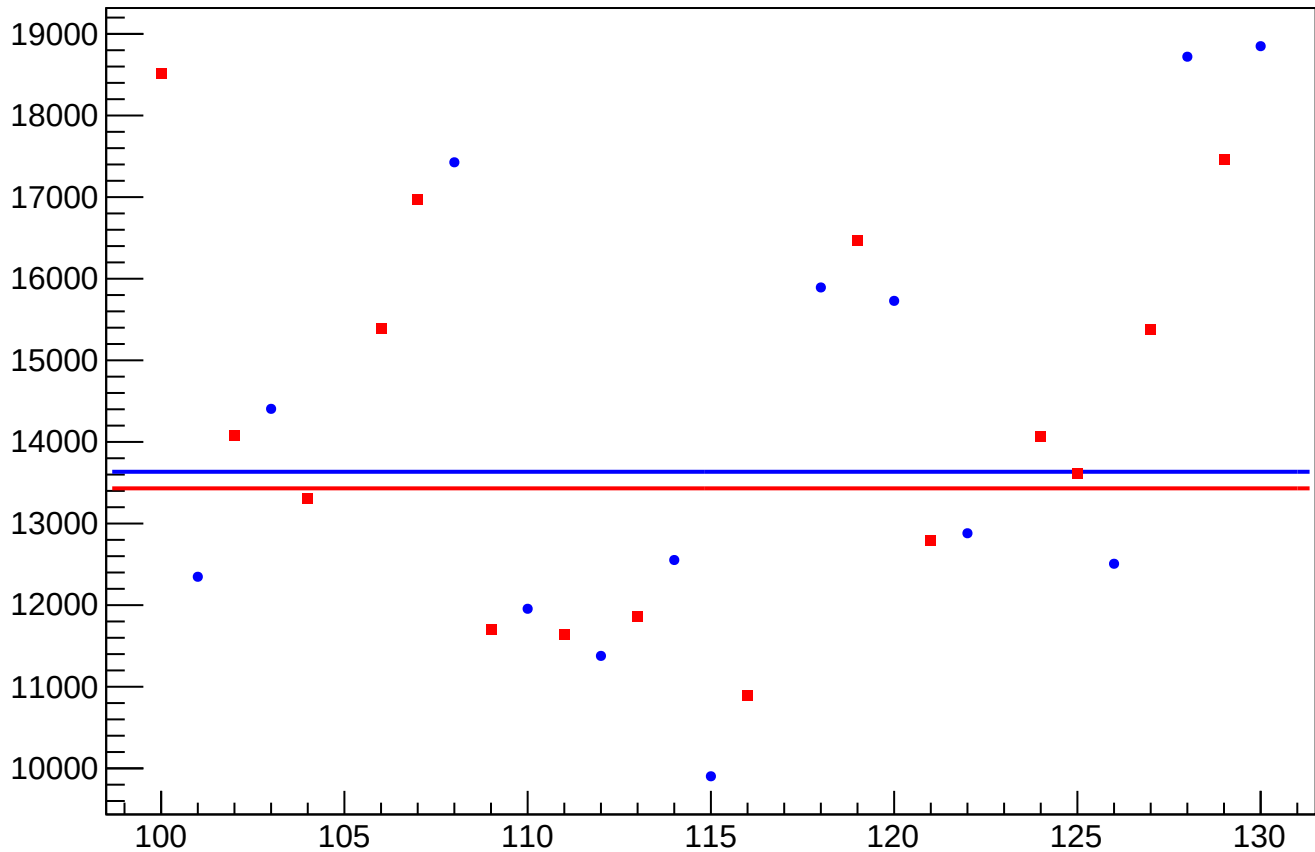
Right: 8.809+/-4.067 χ^2/NDF : 28.3/27

In: 1.636+/-5.915 χ^2/NDF : 15.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.809+/-4.067 χ^2/NDF : 28.3/27

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 13634.309+/-4.183 χ^2/NDF : 344940.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 13431.111+/-3.960 χ^2/NDF : 235160.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

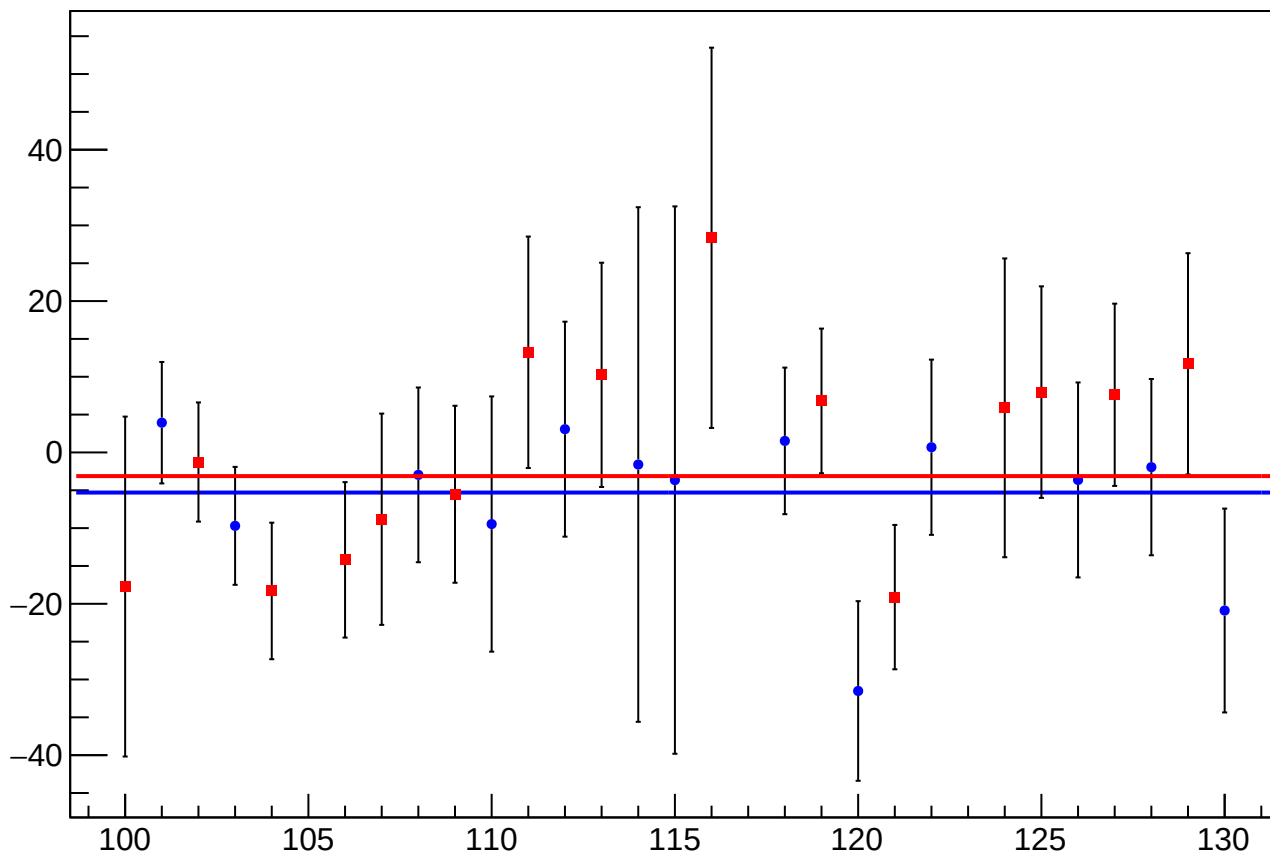
Right: 13527.158+/-2.876 χ^2/NDF : 581345.3/27

In: 13634.309+/-4.183 χ^2/NDF :344940.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 13527.158+/-2.876 χ^2/NDF : 581345.3/27

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -5.301 ± 3.266 χ^2/NDF : 9.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.126 ± 3.102 χ^2/NDF : 14.8/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

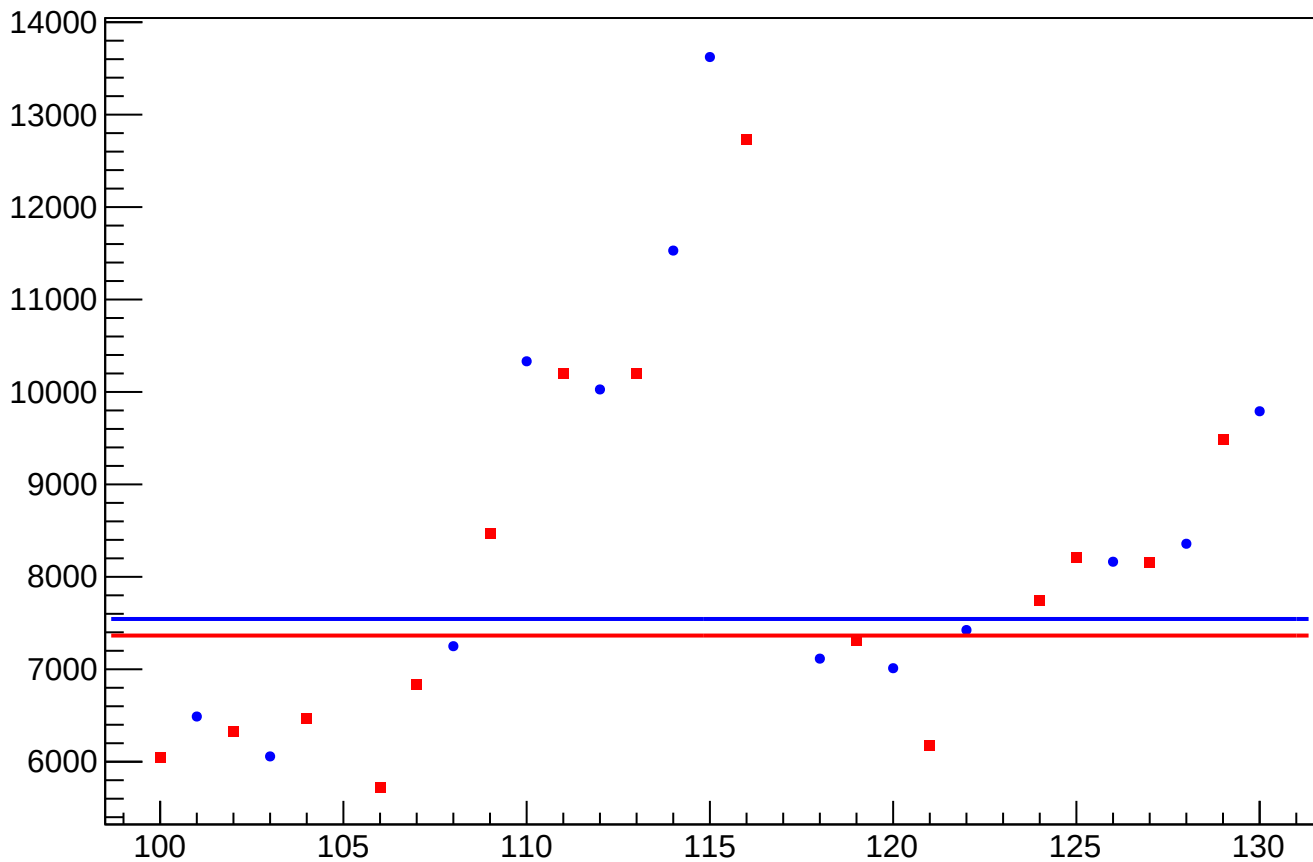
Right: -4.157 ± 2.249 χ^2/NDF : 24.2/27

In: -5.301 ± 3.266 χ^2/NDF : 9.2/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.157 ± 2.249 χ^2/NDF : 24.2/27

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7544.172+/-2.309 χ^2/NDF : 386696.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7364.896+/-2.193 χ^2/NDF : 455634.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

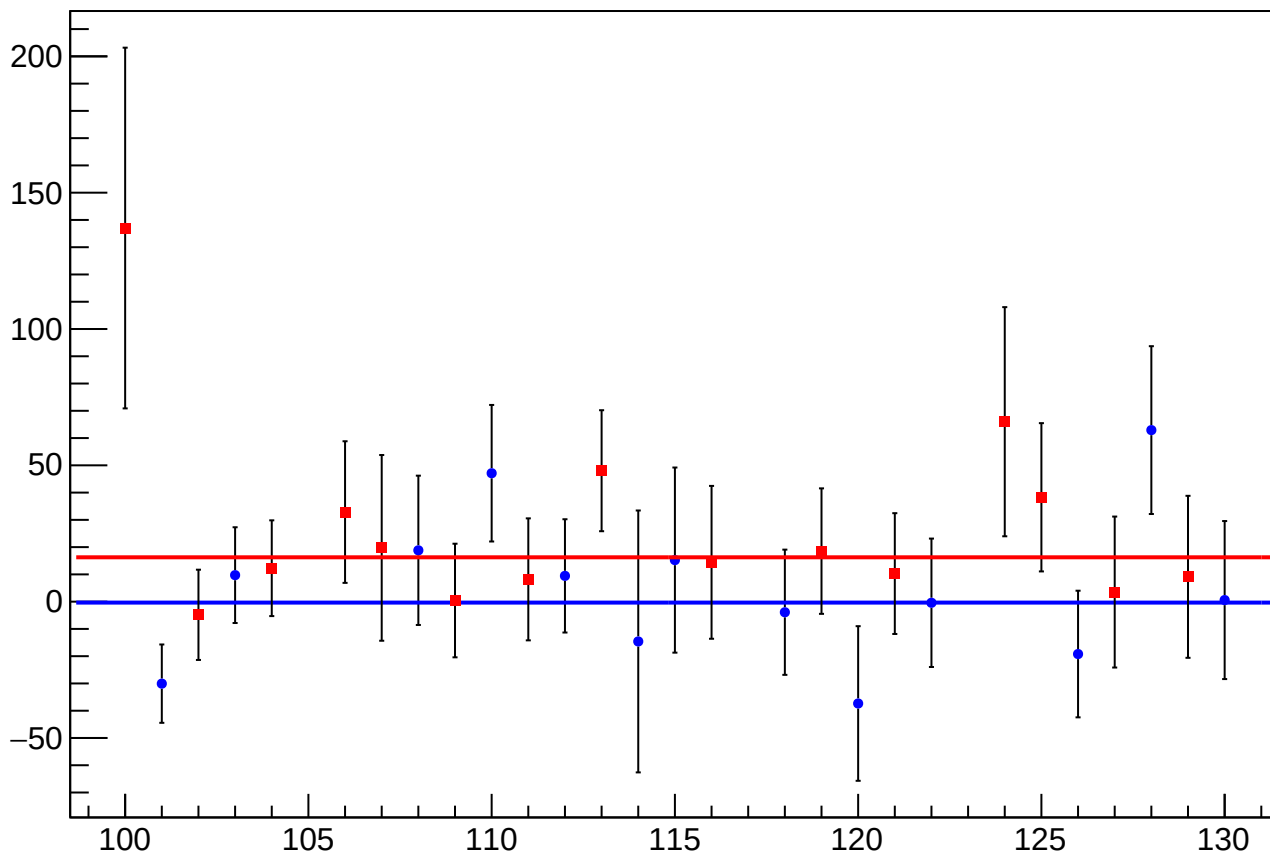
Right: 7449.907+/-1.590 χ^2/NDF : 845498.7/27

In: 7544.172+/-2.309 χ^2/NDF : 386696.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7449.907+/-1.590 χ^2/NDF : 845498.7/27

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -0.344 ± 6.499 χ^2/NDF : 15.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 16.267 ± 6.280 χ^2/NDF : 10.6/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

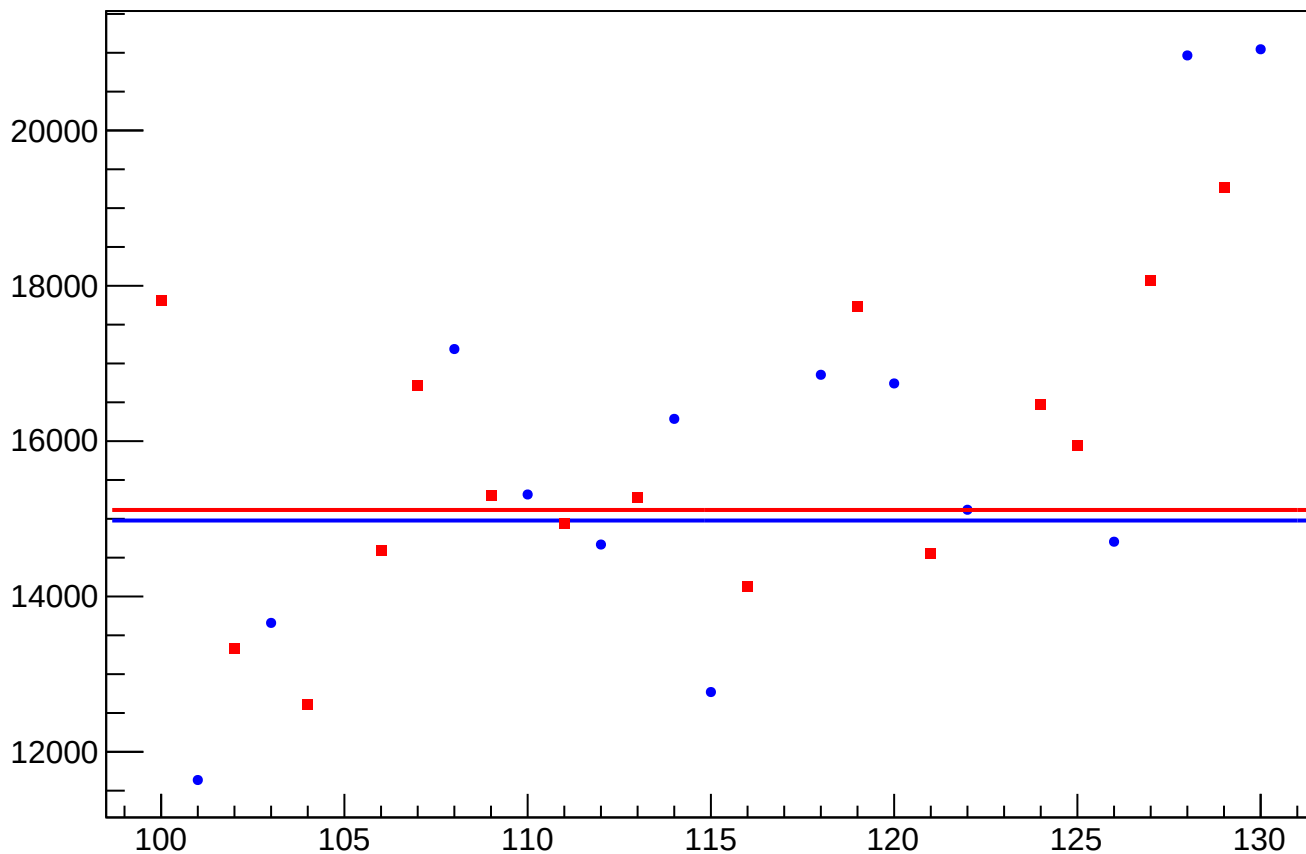
Right: 8.246 ± 4.516 χ^2/NDF : 29.8/27

In: -0.344 ± 6.499 χ^2/NDF : 15.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 8.246 ± 4.516 χ^2/NDF : 29.8/27

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 14978.062+/-4.595 χ^2/NDF : 327974.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 15113.909+/-4.441 χ^2/NDF : 168147.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

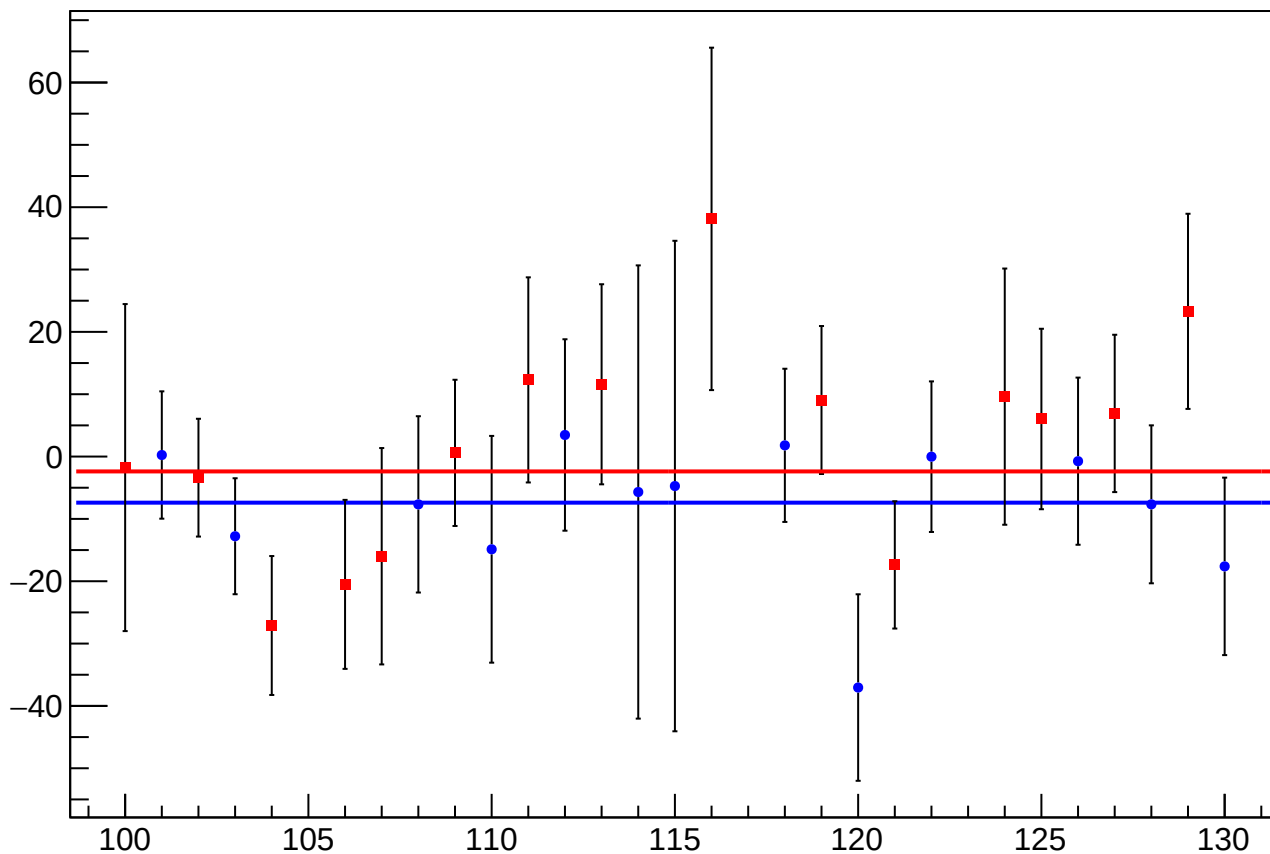
Right: 15048.307+/-3.193 χ^2/NDF : 496574.2/27

In: 14978.062+/-4.595 χ^2/NDF :327974.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 15048.307+/-3.193 χ^2/NDF : 496574.2/27

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -7.396 ± 3.793 $\chi^2/\text{NDF}: 7.2/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -2.385 ± 3.539 $\chi^2/\text{NDF}: 18.1/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

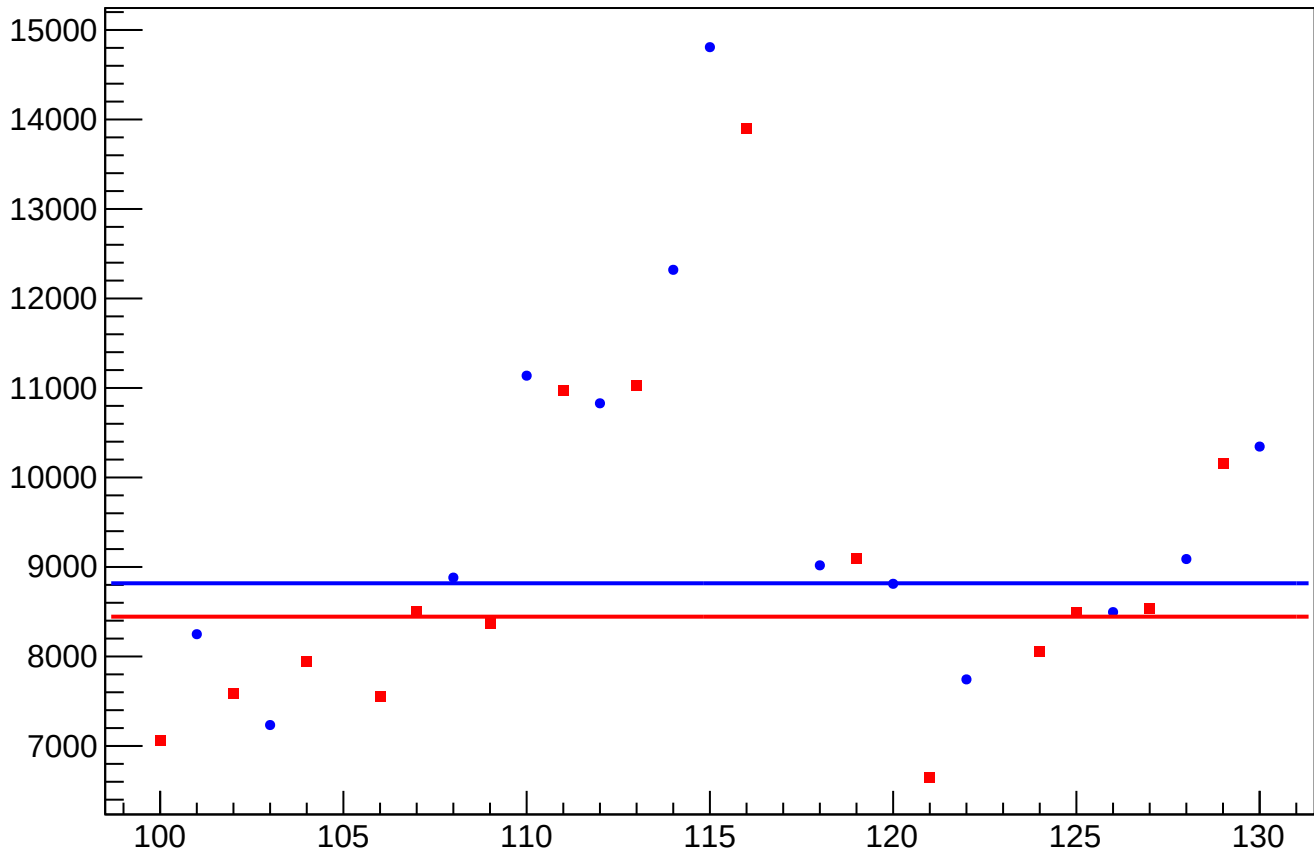
Right: -4.717 ± 2.588 $\chi^2/\text{NDF}: 26.3/27$

In: -7.396 ± 3.793 $\chi^2/\text{NDF}: 7.2/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -4.717 ± 2.588 $\chi^2/\text{NDF}: 26.3/27$

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8817.848+/-2.682 χ^2/NDF : 237442.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8444.810+/-2.502 χ^2/NDF : 305454.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

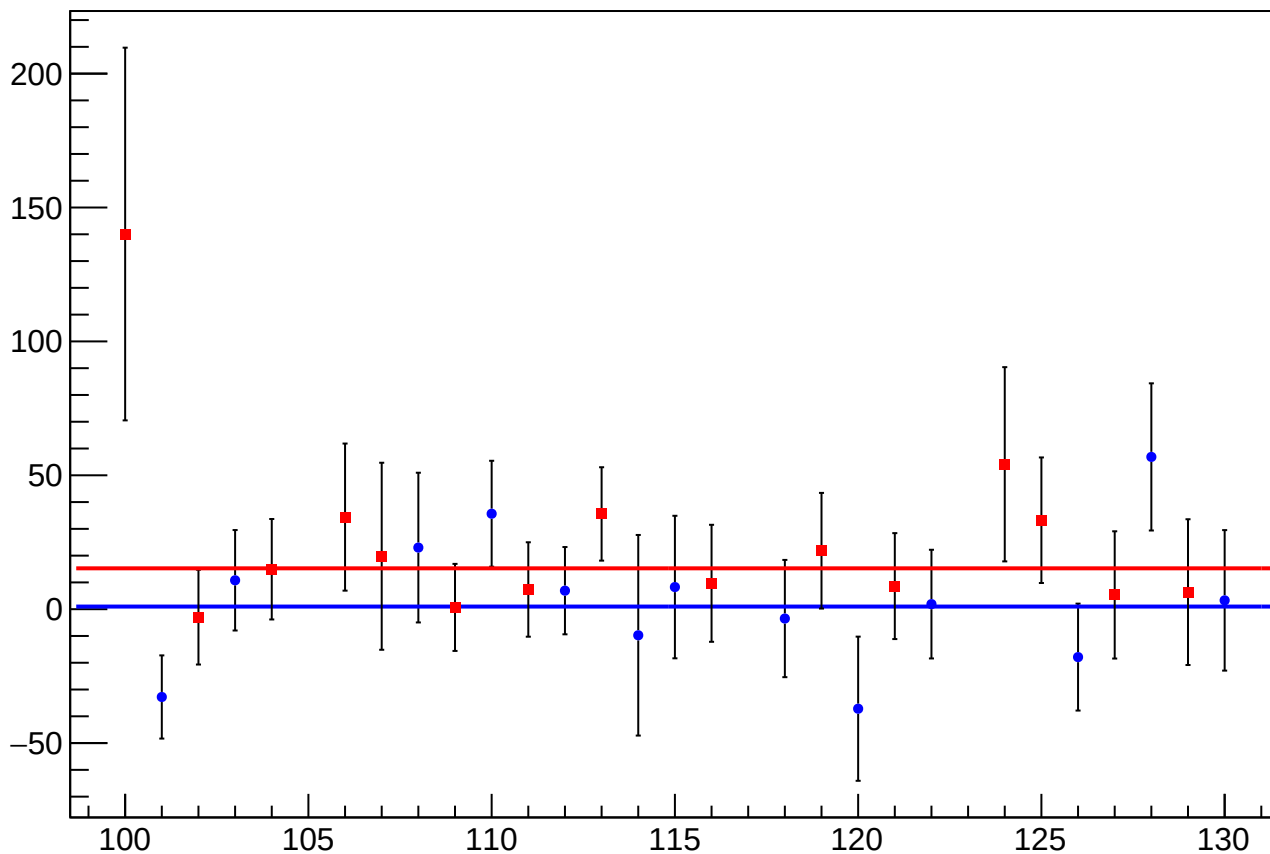
Right: 8618.396+/-1.830 χ^2/NDF : 553237.2/27

In: 8817.848+/-2.682 χ^2/NDF : 237442.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8618.396+/-1.830 χ^2/NDF : 553237.2/27

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: 0.981+/-5.987 χ^2/NDF : 16.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.258+/-5.664 χ^2/NDF : 9.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

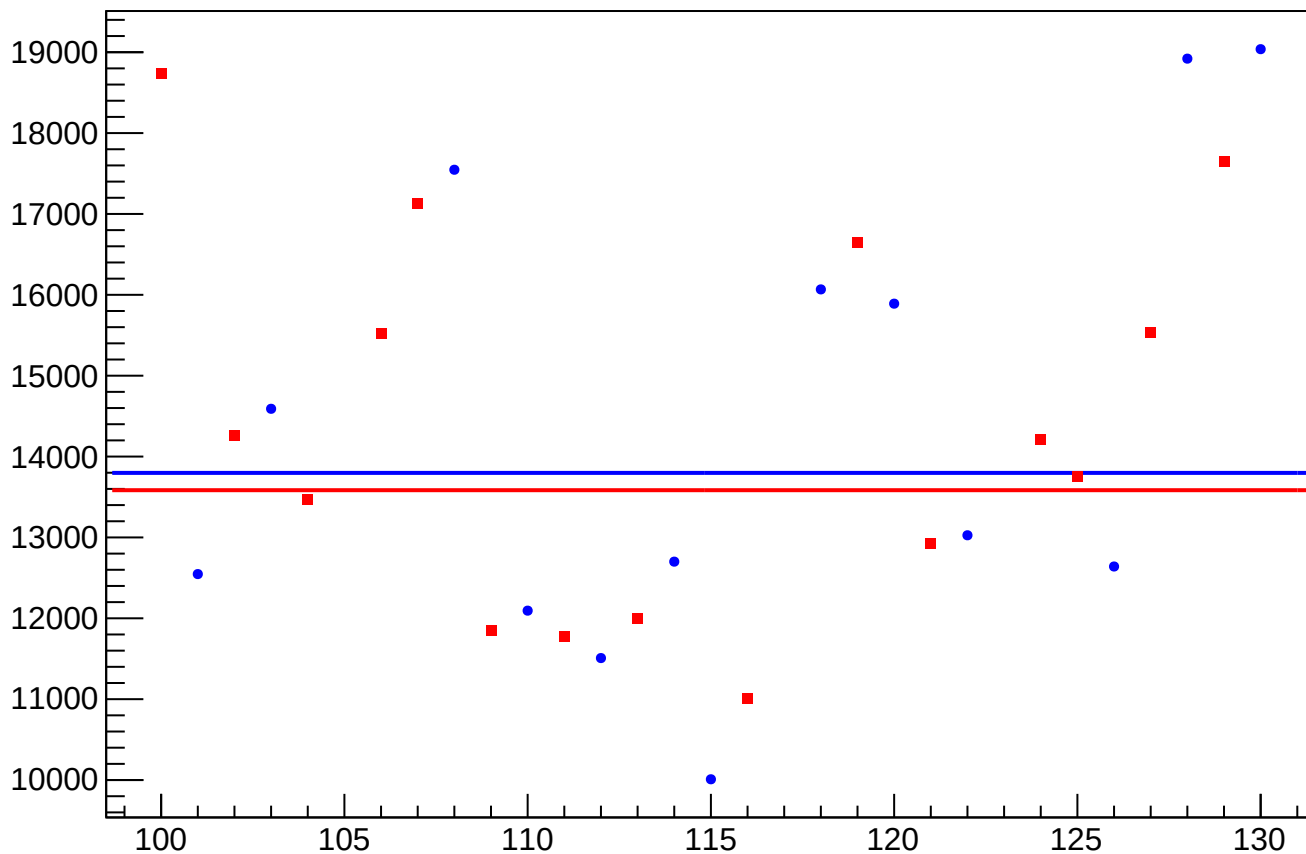
Right: 8.516+/-4.115 χ^2/NDF : 28.5/27

In: 0.981+/-5.987 χ^2/NDF : 16.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.516+/-4.115 χ^2/NDF : 28.5/27

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 13798.087+/-4.234 χ^2/NDF : 341539.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 13584.099+/-4.005 χ^2/NDF : 234003.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

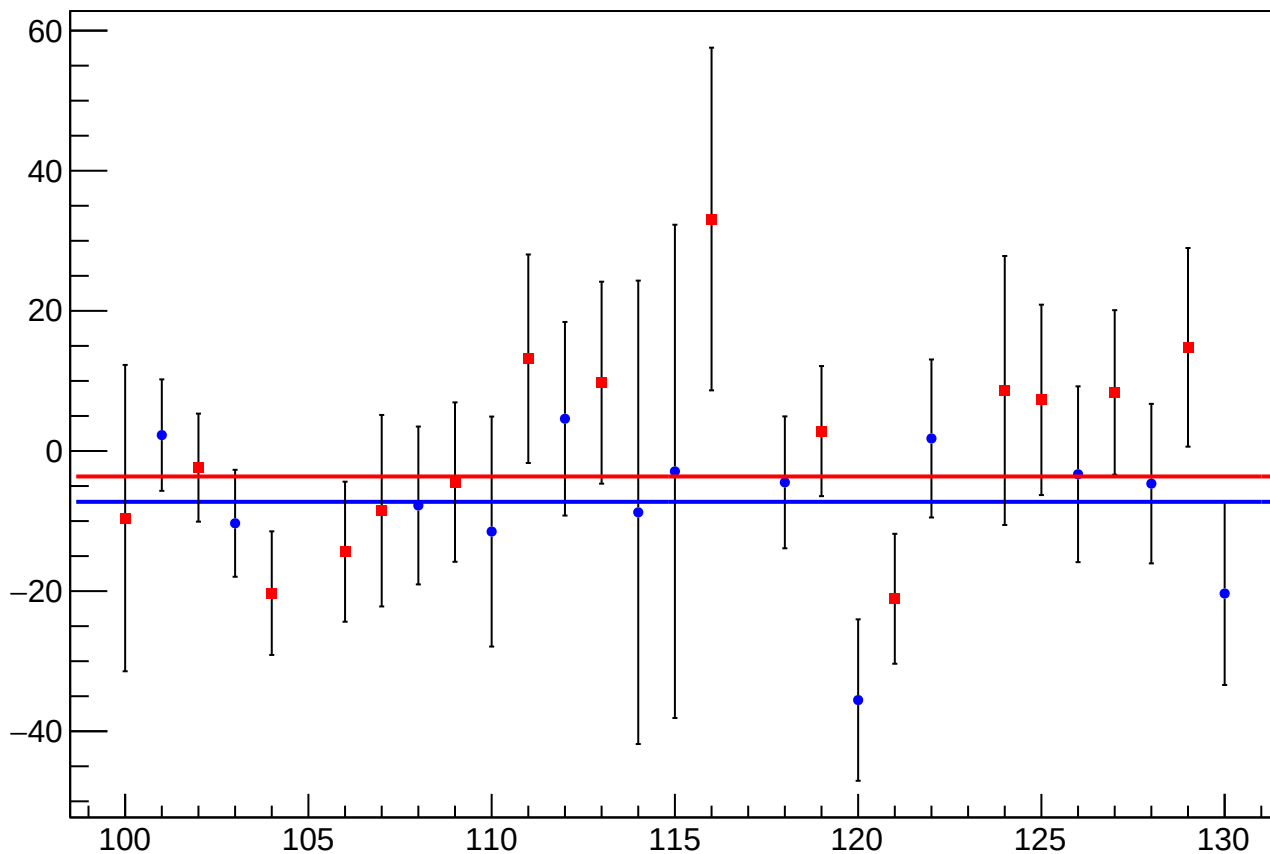
Right: 13685.155+/-2.909 χ^2/NDF : 576890.8/27

In: 13798.087+/-4.234 χ^2/NDF :341539.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 13685.155+/-2.909 χ^2/NDF : 576890.8/27

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -7.254+/-3.192 χ^2/NDF : 10.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.635+/-3.022 χ^2/NDF : 17.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

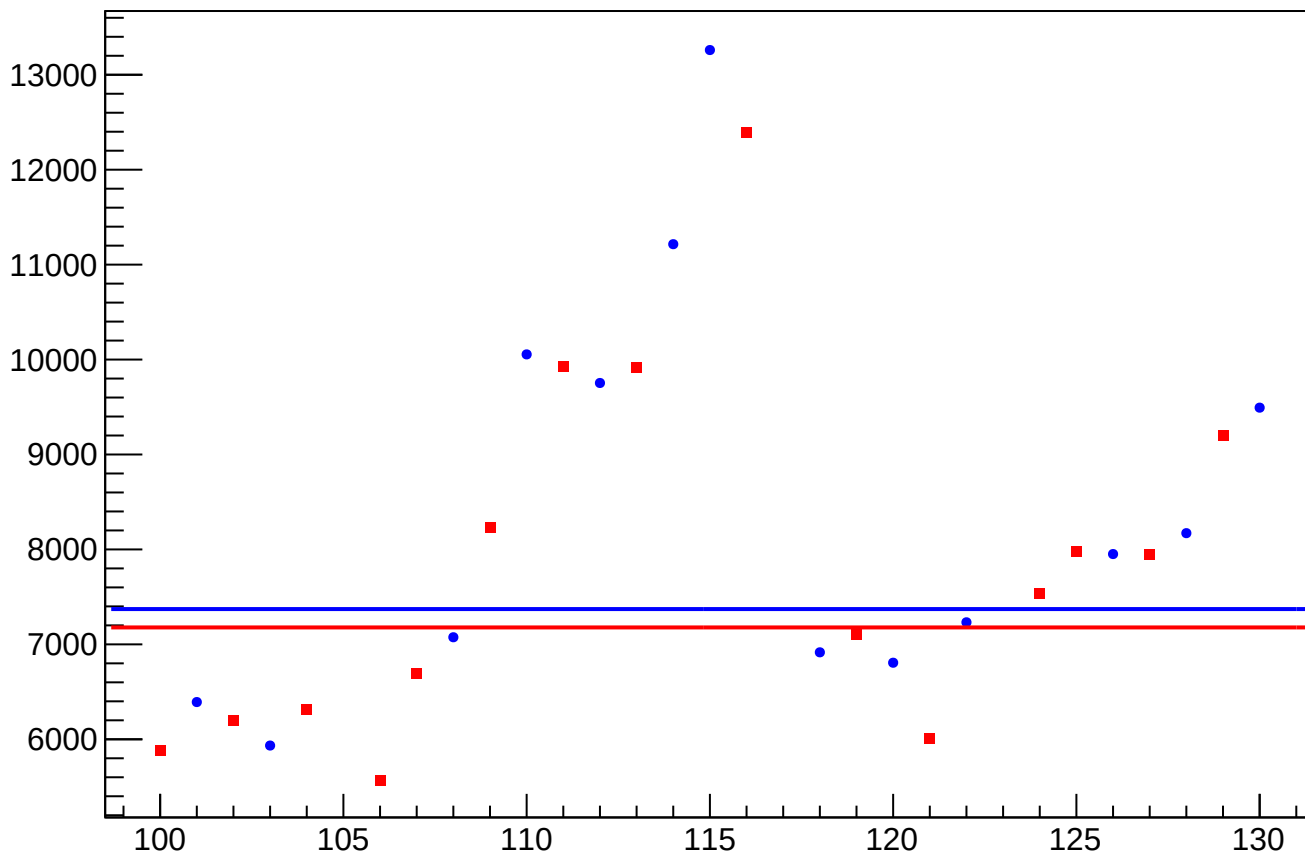
Right: -5.346+/-2.195 χ^2/NDF : 28.2/27

In: -7.254+/-3.192 χ^2/NDF : 10.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.346+/-2.195 χ^2/NDF : 28.2/27

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 7371.840+/-2.257 χ^2/NDF : 375256.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7178.310+/-2.137 χ^2/NDF : 450075.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

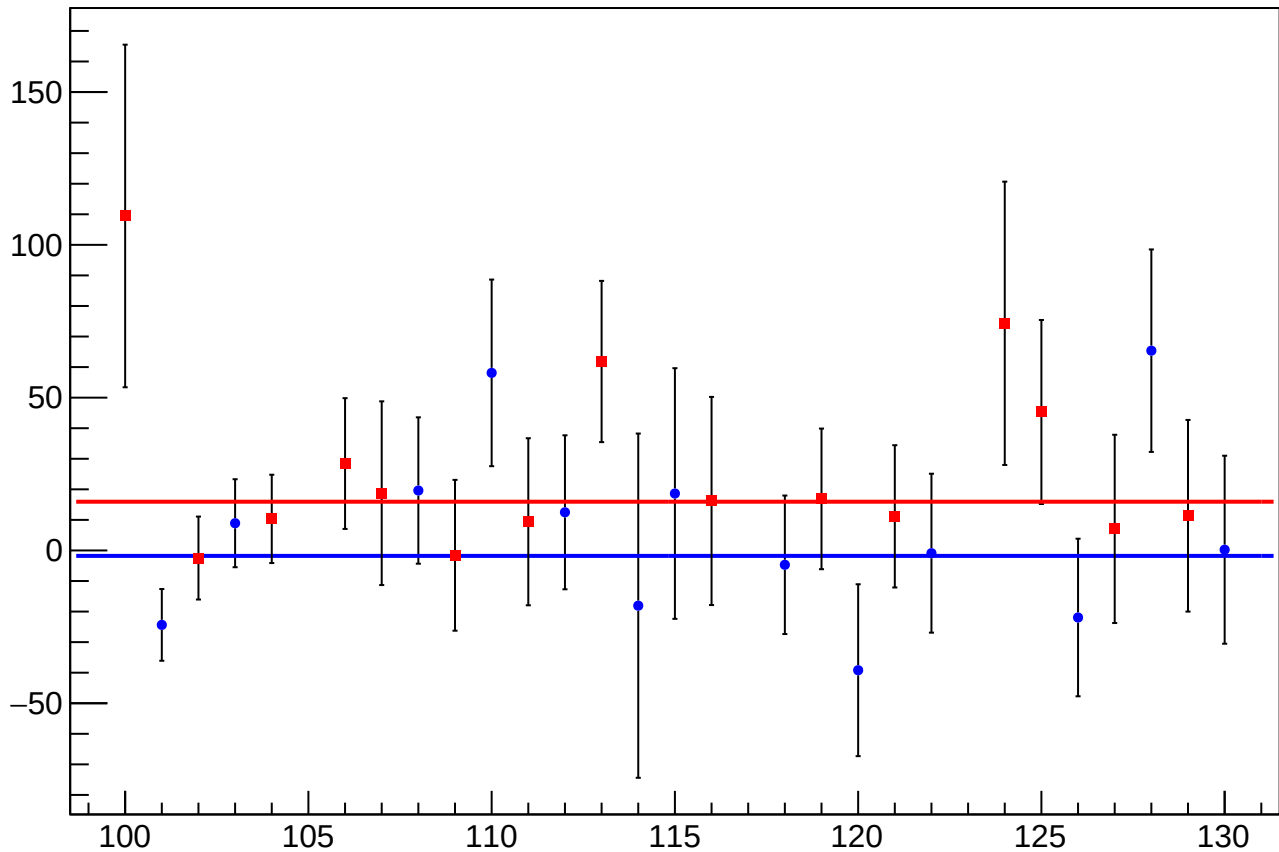
Right: 7269.796+/-1.552 χ^2/NDF : 829207.6/27

In: 7371.840+/-2.257 χ^2/NDF : 375256.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7269.796+/-1.552 χ^2/NDF : 829207.6/27

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -1.778 ± 6.257 χ^2/NDF : 16.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 15.950 ± 6.145 χ^2/NDF : 11.4/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

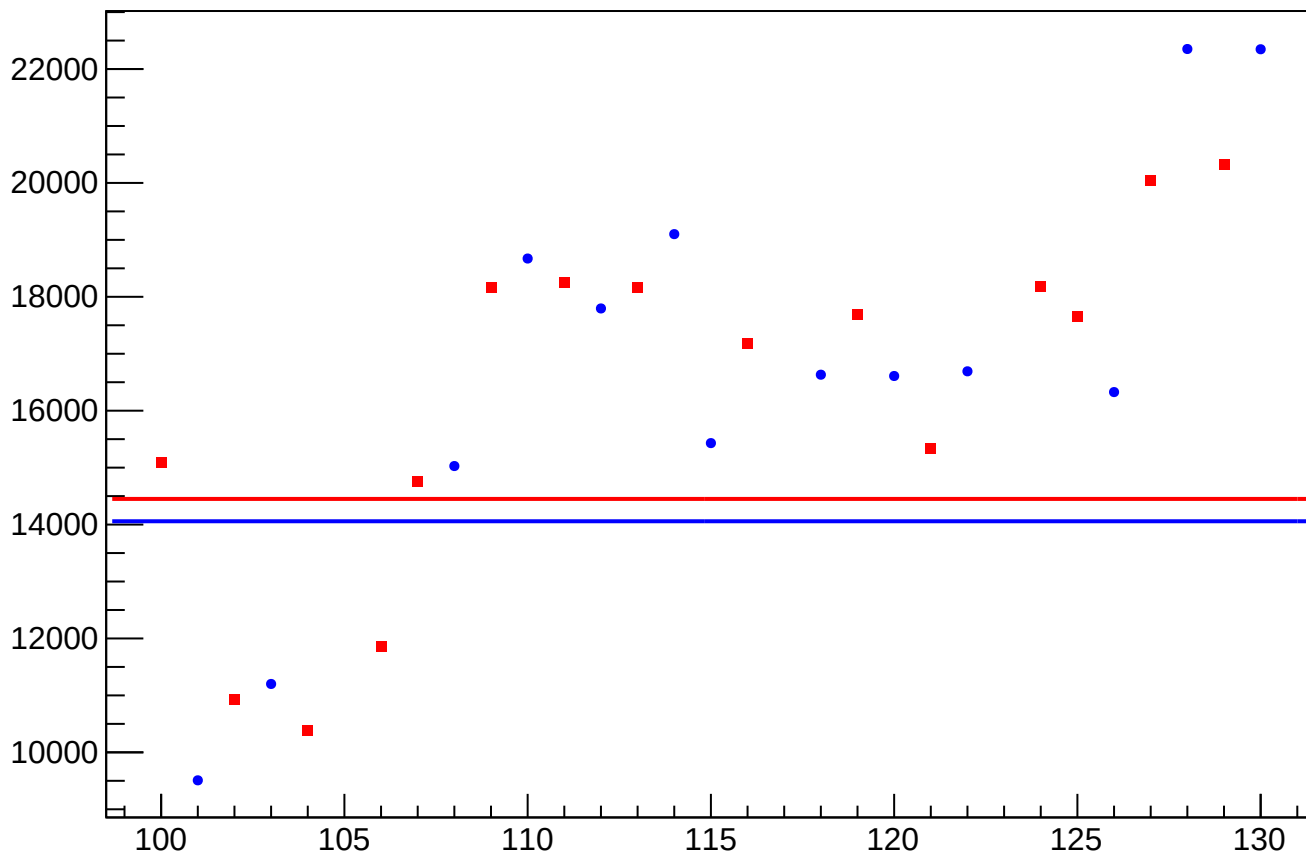
Right: 7.246 ± 4.384 χ^2/NDF : 31.5/27

In: -1.778 ± 6.257 χ^2/NDF : 16.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 7.246 ± 4.384 χ^2/NDF : 31.5/27

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 14058.224+/-4.424 χ^2/NDF : 839250.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 14450.530+/-4.345 χ^2/NDF : 674682.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

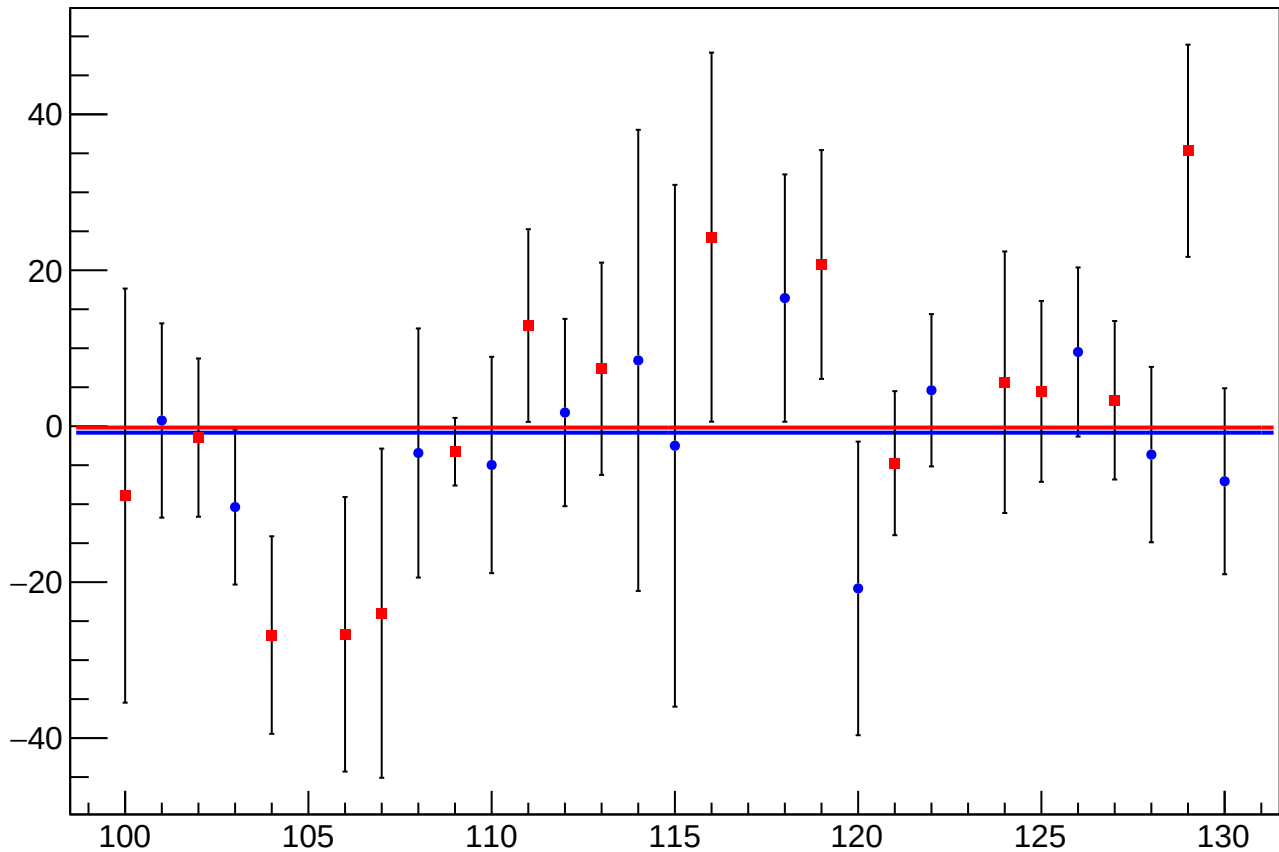
Right: 14257.918+/-3.100 χ^2/NDF : 1517935.3/27

In: 14058.224+/-4.424 χ^2/NDF :839250.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 14257.918+/-3.100 χ^2/NDF : 1517935.3/27

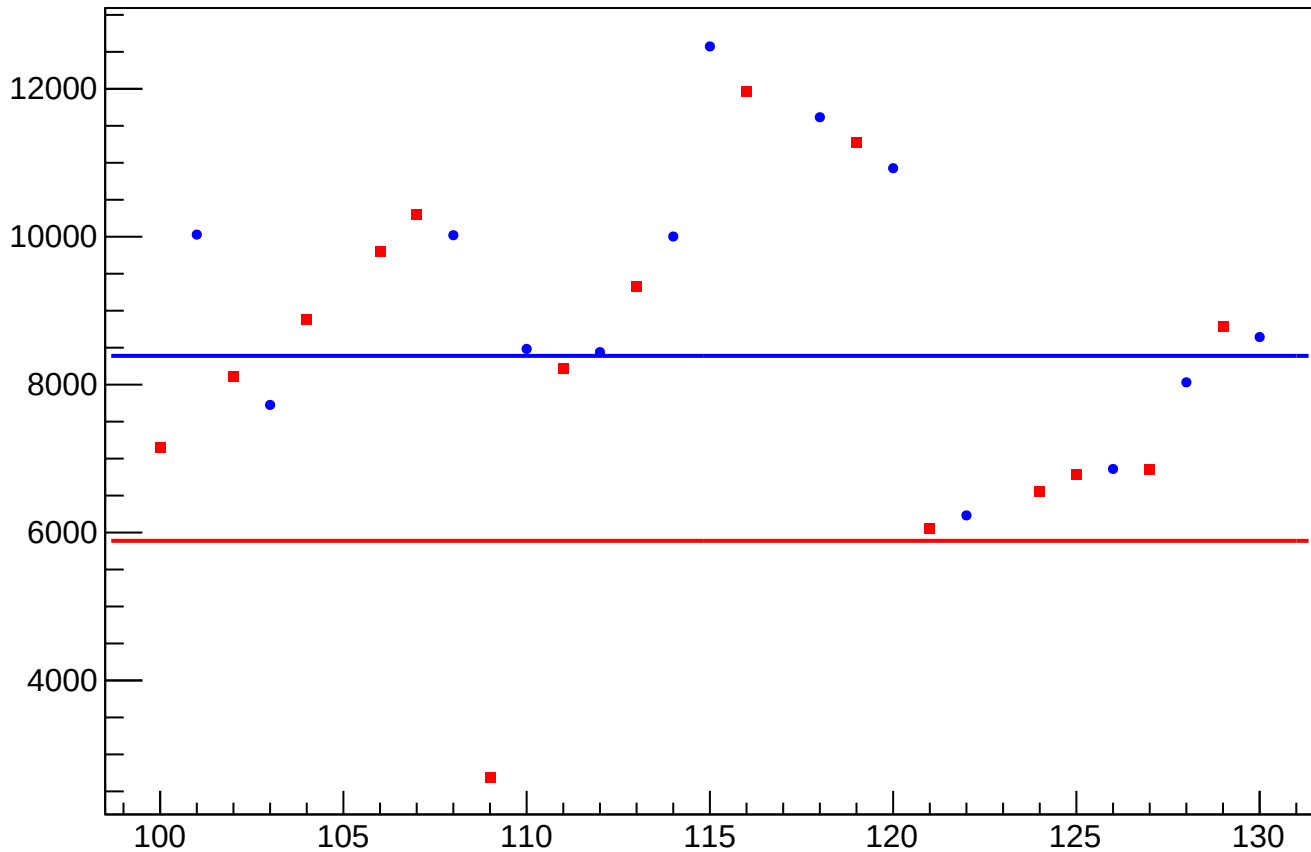
diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: -0.828+/-3.643 χ^2/NDF : 5.1/12
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -0.172+/-2.751 χ^2/NDF : 20.6/14
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: -0.410+/-2.195 χ^2/NDF : 25.6/27
In: -0.828+/-3.643 χ^2/NDF : 5.1/12
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -0.410+/-2.195 χ^2/NDF : 25.6/27

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 8389.140+/-2.576 χ^2/NDF : 361154.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5888.136+/-1.945 χ^2/NDF : 2213649.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

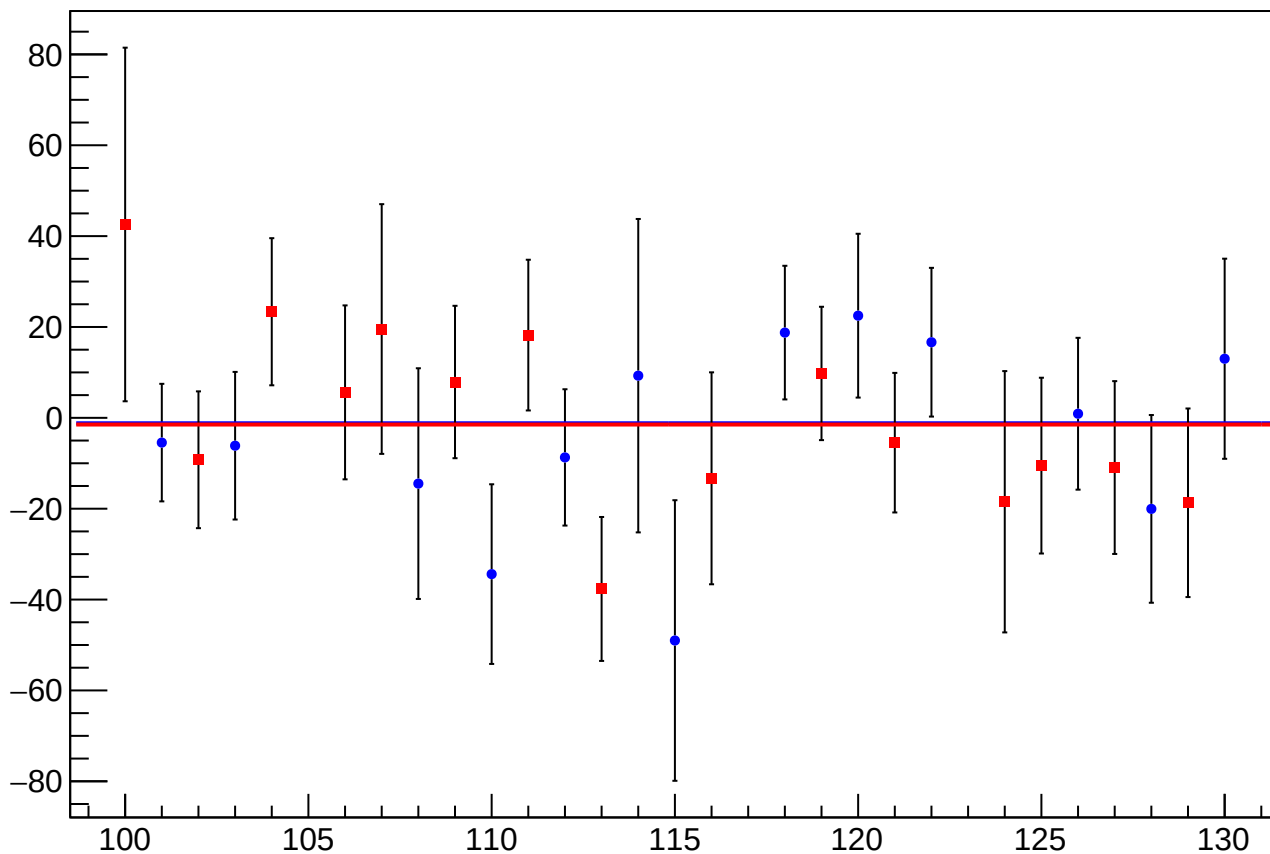
Right: 6796.356+/-1.552 χ^2/NDF : 3175153.5/27

In: 8389.140+/-2.576 χ^2/NDF : 361154.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6796.356+/-1.552 χ^2/NDF : 3175153.5/27

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -1.196+/-5.024 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.473+/-4.778 χ^2/NDF : 14.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

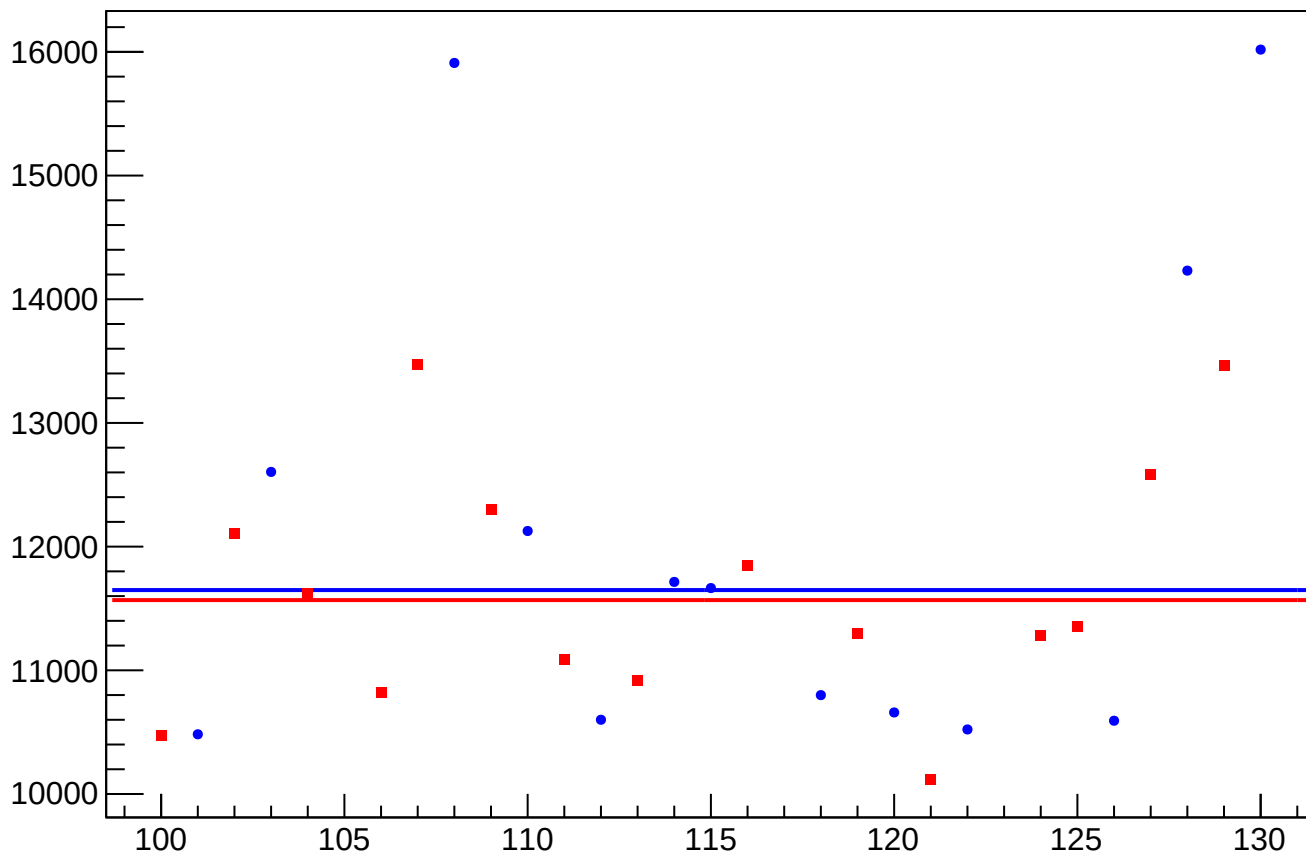
Right: -1.342+/-3.462 χ^2/NDF : 26.0/27

In: -1.196+/-5.024 χ^2/NDF : 12.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.342+/-3.462 χ^2/NDF : 26.0/27

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11648.723+/-3.552 χ^2/NDF : 230601.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11567.714+/-3.379 χ^2/NDF : 67158.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

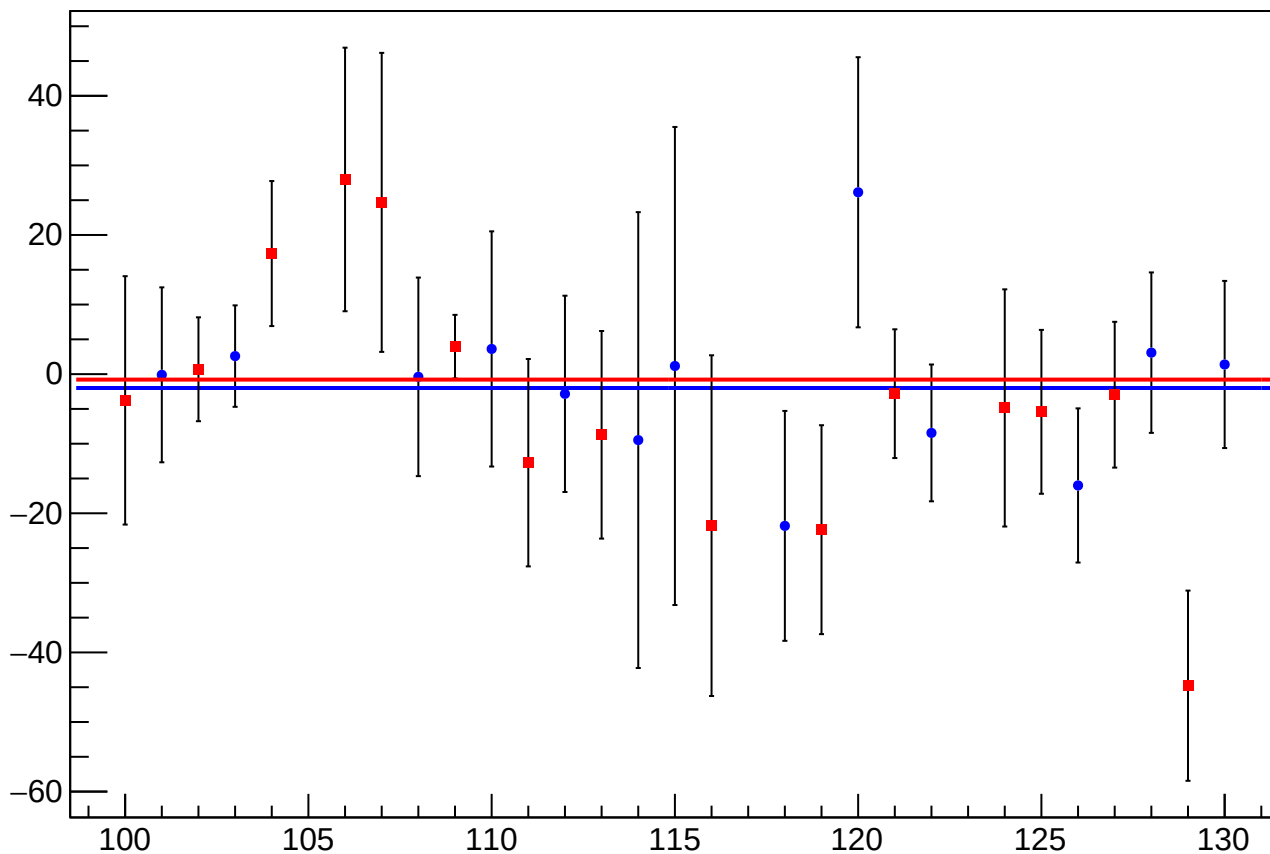
Right: 11606.191+/-2.448 χ^2/NDF : 298033.2/27

In: 11648.723+/-3.552 χ^2/NDF : 230601.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11606.191+/-2.448 χ^2/NDF : 298033.2/27

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -1.993 ± 3.544 χ^2/NDF : 6.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.785 ± 2.721 χ^2/NDF : 22.3/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

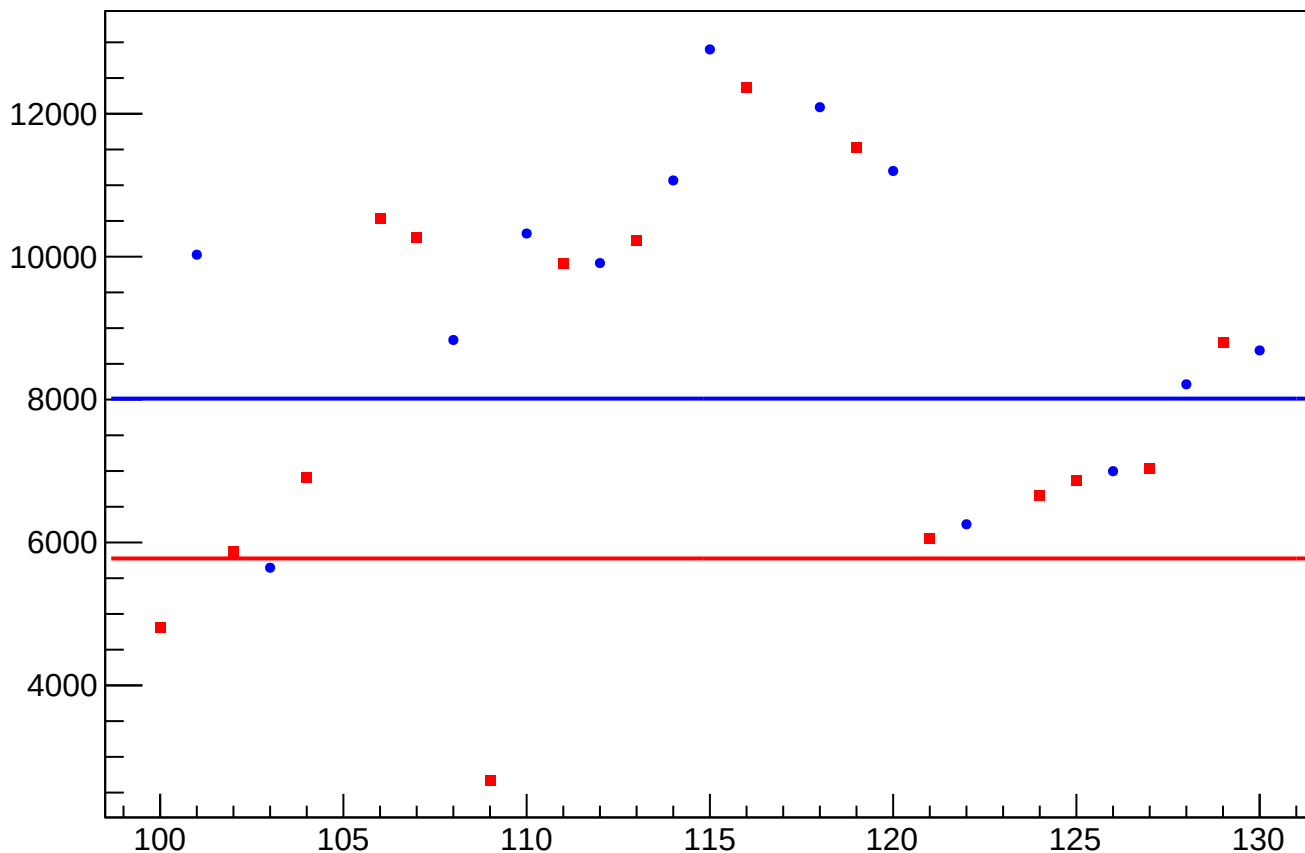
Right: -1.233 ± 2.158 χ^2/NDF : 28.8/27

In: -1.993 ± 3.544 χ^2/NDF : 6.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.233 ± 2.158 χ^2/NDF : 28.8/27

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 8013.412+/-2.506 χ^2/NDF : 663462.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5776.487+/-1.924 χ^2/NDF : 2091148.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

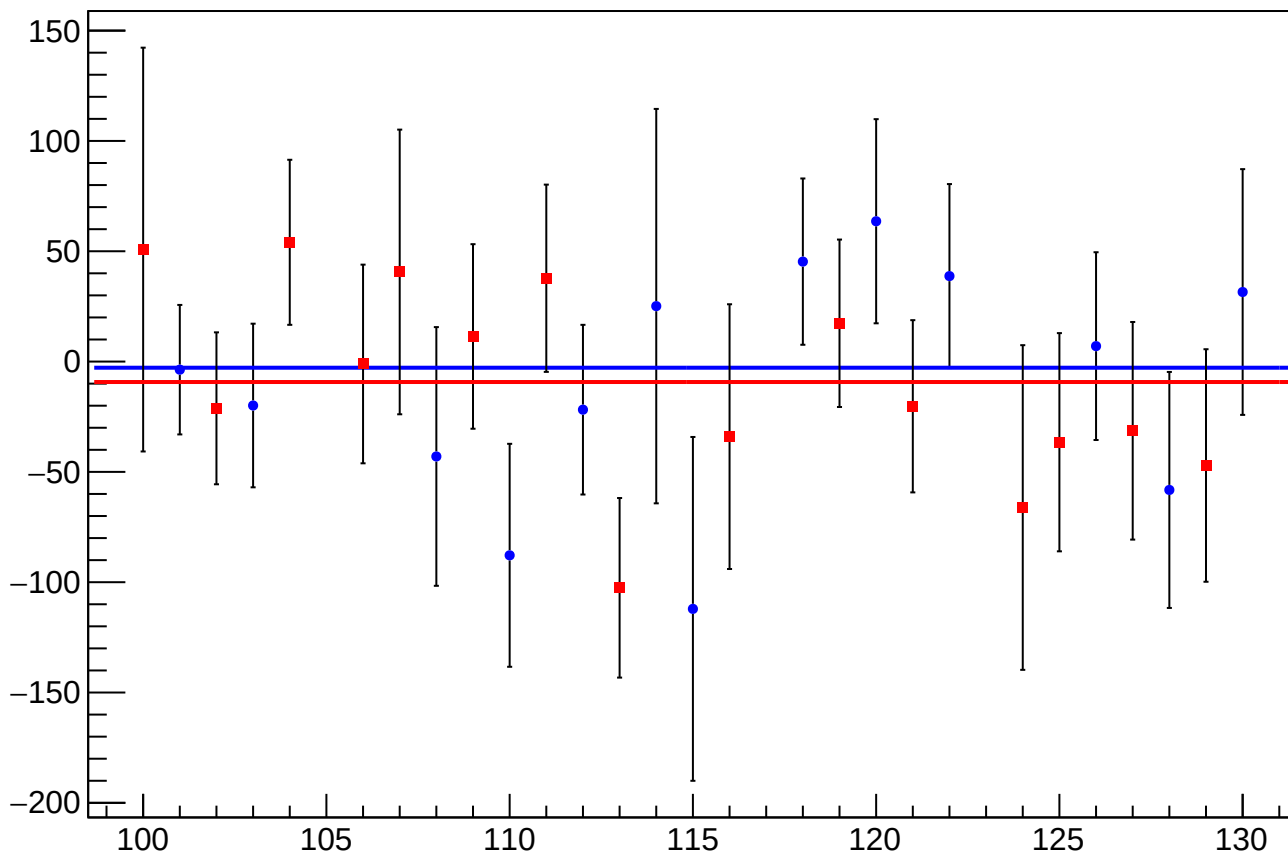
Right: 6605.957+/-1.526 χ^2/NDF : 3255895.3/27

In: 8013.412+/-2.506 χ^2/NDF : 663462.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6605.957+/-1.526 χ^2/NDF : 3255895.3/27

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -2.785+/-12.396 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.267+/-11.838 χ^2/NDF : 13.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

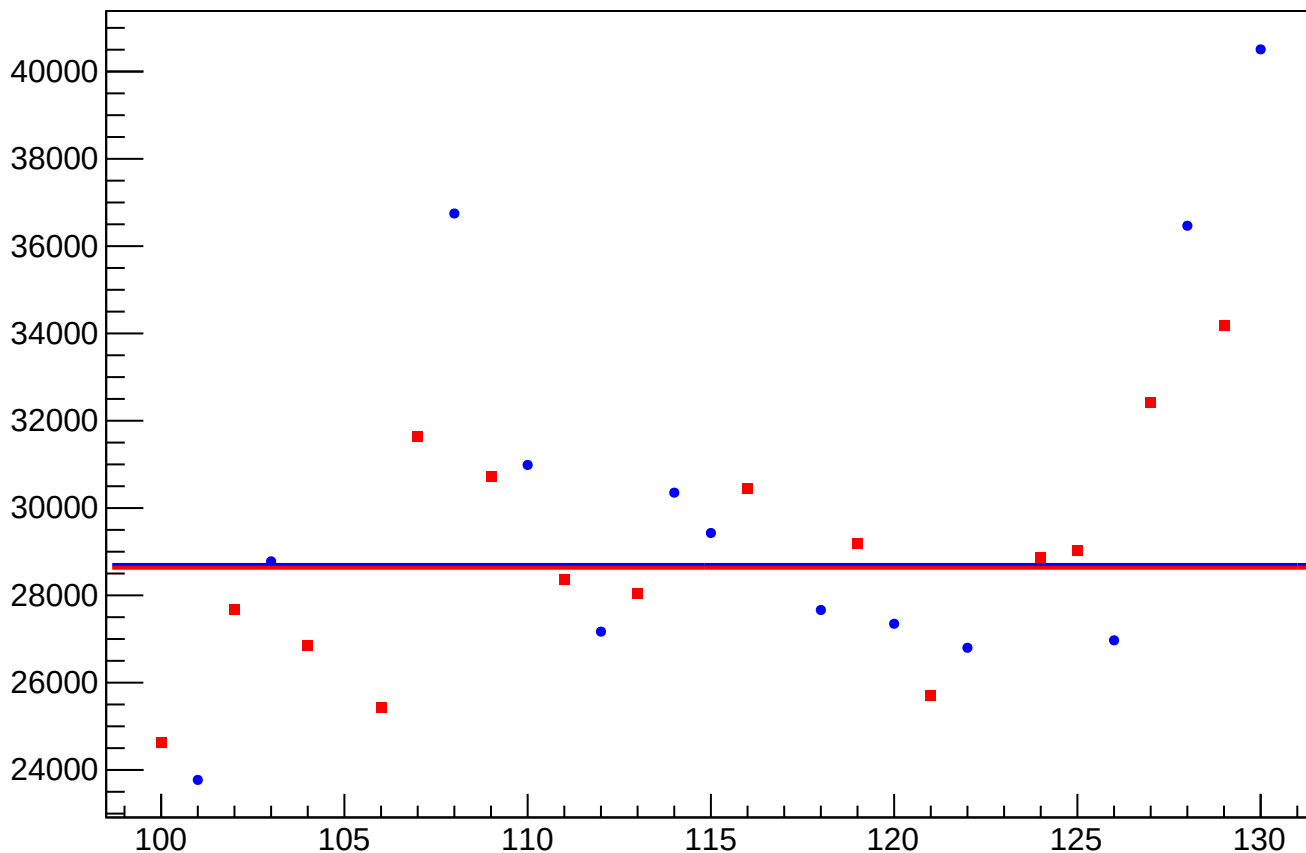
Right: -6.175+/-8.561 χ^2/NDF : 25.3/27

In: -2.785+/-12.396 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.175+/-8.561 χ^2/NDF : 25.3/27

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 28696.795+/-8.765 χ^2/NDF : 244970.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28633.199+/-8.371 χ^2/NDF : 77426.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

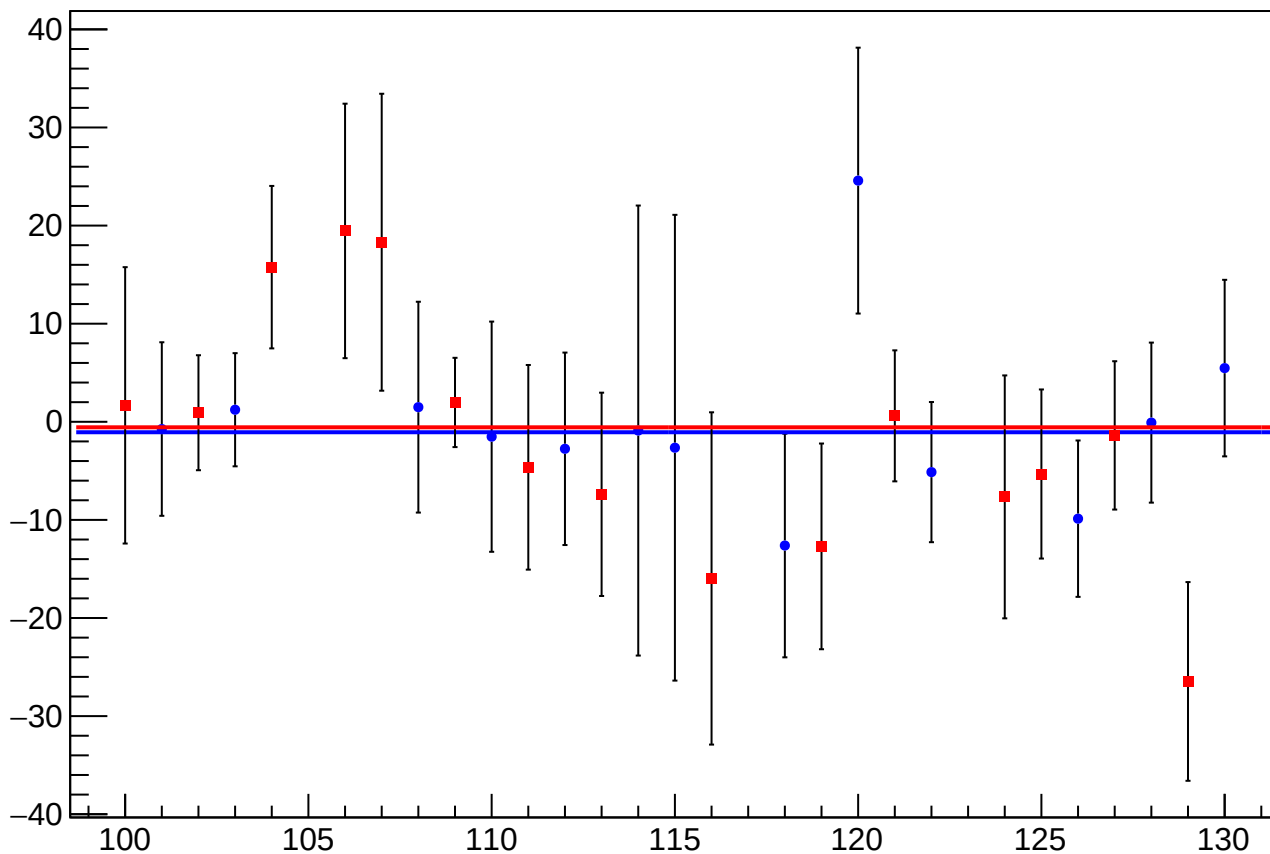
Right: 28663.534+/-6.054 χ^2/NDF : 322424.5/27

In: 28696.795+/-8.765 χ^2/NDF : 244970.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28663.534+/-6.054 χ^2/NDF : 322424.5/27

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -1.065 $\pm$ 2.593 χ^2 /NDF: 6.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.562 $\pm$ 2.192 χ^2 /NDF: 18.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

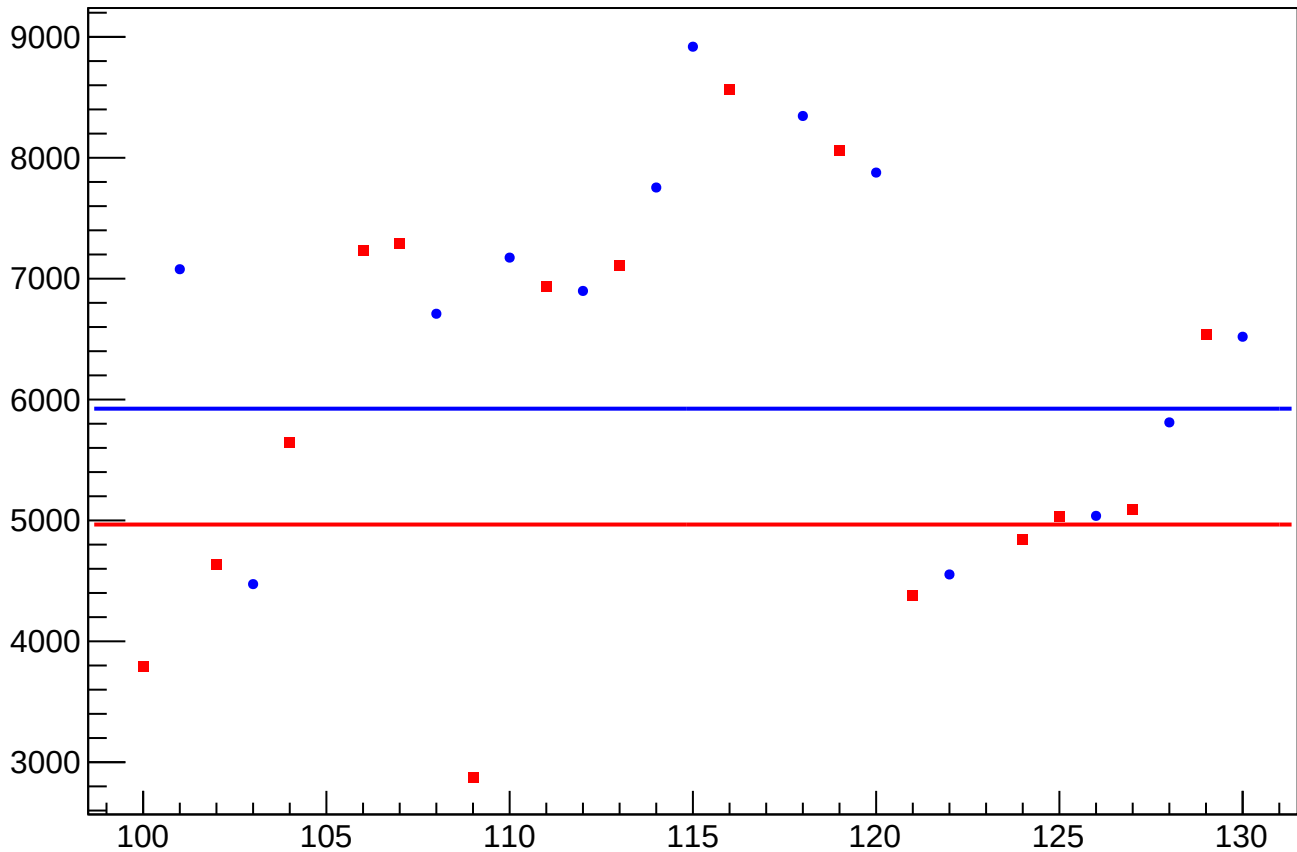
Right: -0.772 $\pm$ 1.674 χ^2 /NDF: 25.2/27

In: -1.065 $\pm$ 2.593 χ^2 /NDF:6.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.772 $\pm$ 1.674 χ^2 /NDF: 25.2/27

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 5924.570+/-1.834 χ^2/NDF : 497743.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4966.103+/-1.550 χ^2/NDF : 1050461.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

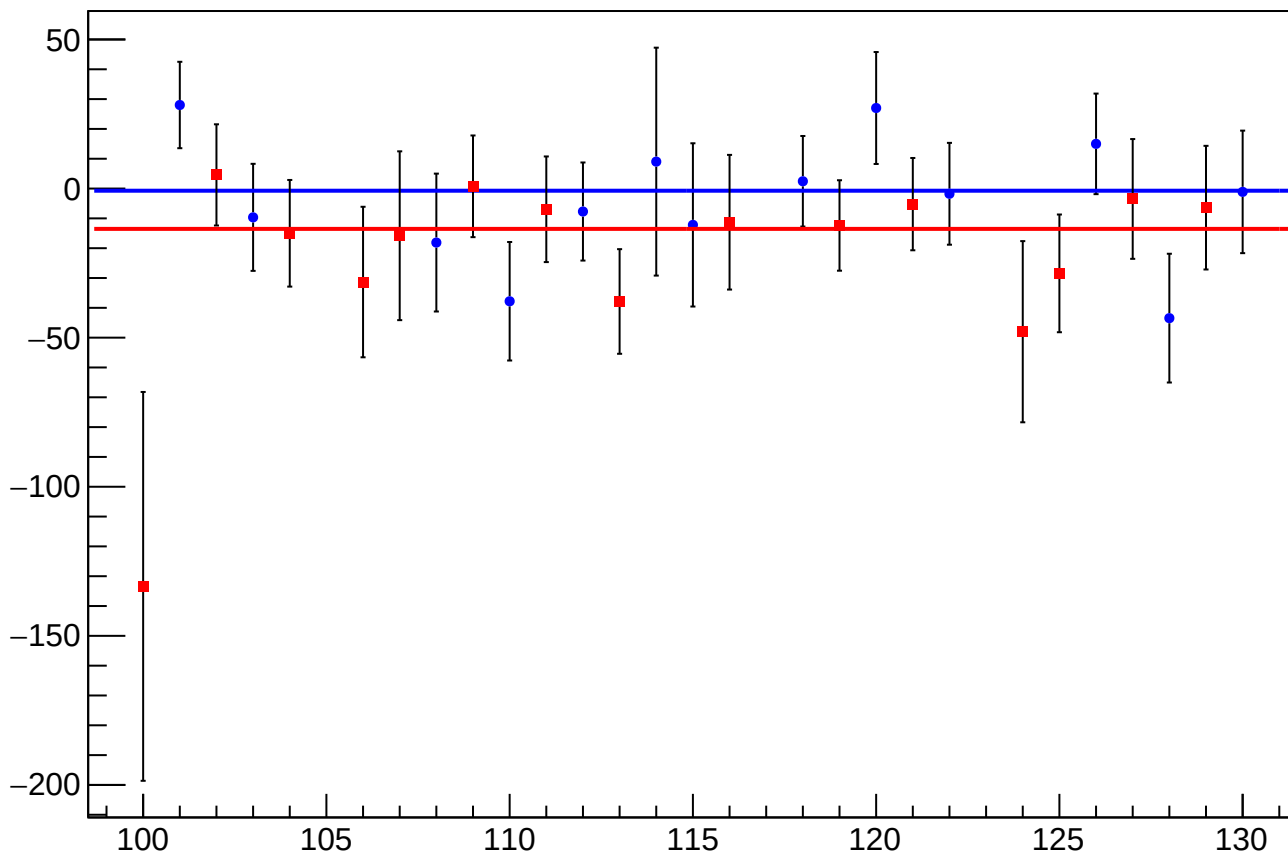
Right: 5365.553+/-1.184 χ^2/NDF : 1707559.1/27

In: 5924.570+/-1.834 χ^2/NDF : 497743.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5365.553+/-1.184 χ^2/NDF : 1707559.1/27

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.723+/-5.225 χ^2/NDF : 15.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.524+/-5.099 χ^2/NDF : 10.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

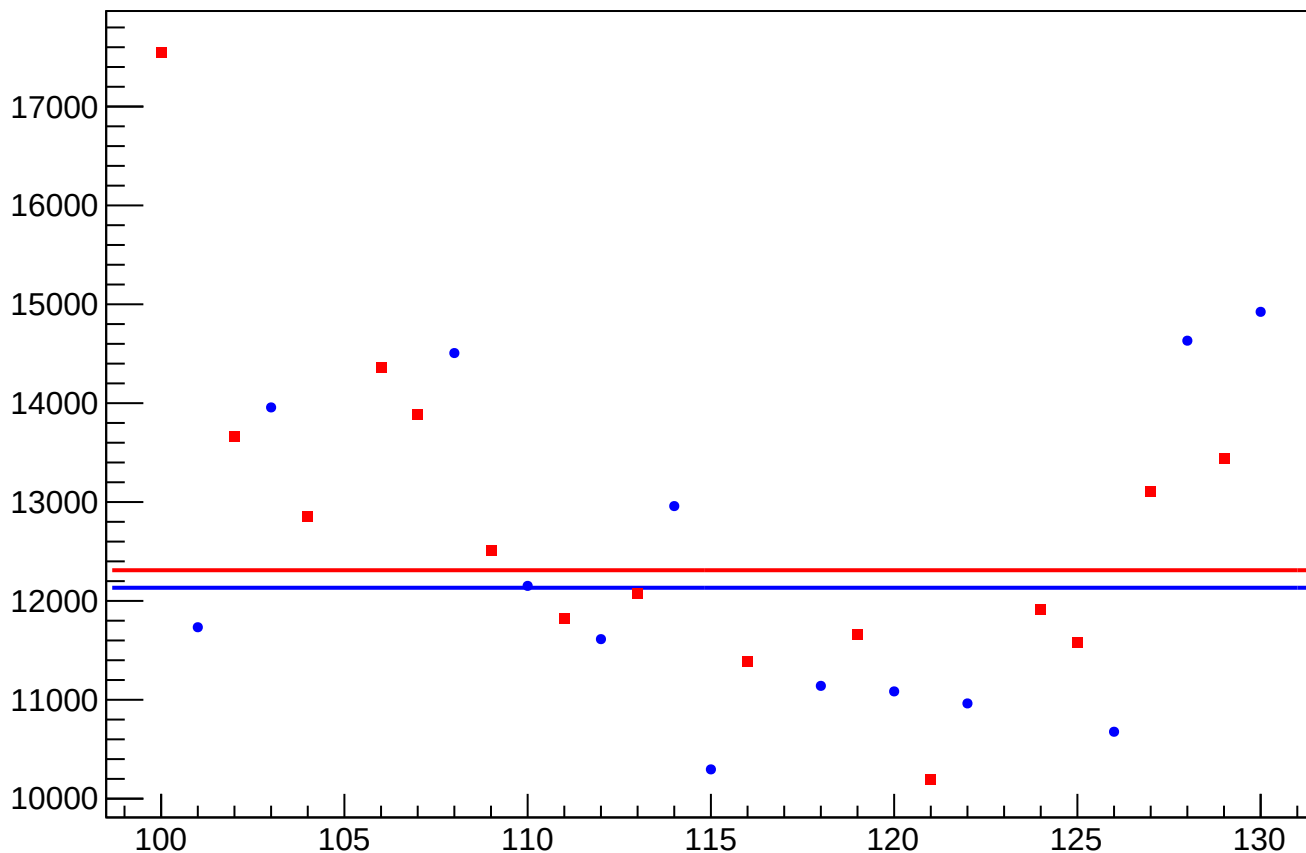
Right: -7.280+/-3.649 χ^2/NDF : 29.1/27

In: -0.723+/-5.225 χ^2/NDF : 15.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.280+/-3.649 χ^2/NDF : 29.1/27

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 12133.111+/-3.695 χ^2/NDF : 157975.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12310.338+/-3.605 χ^2/NDF : 105579.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

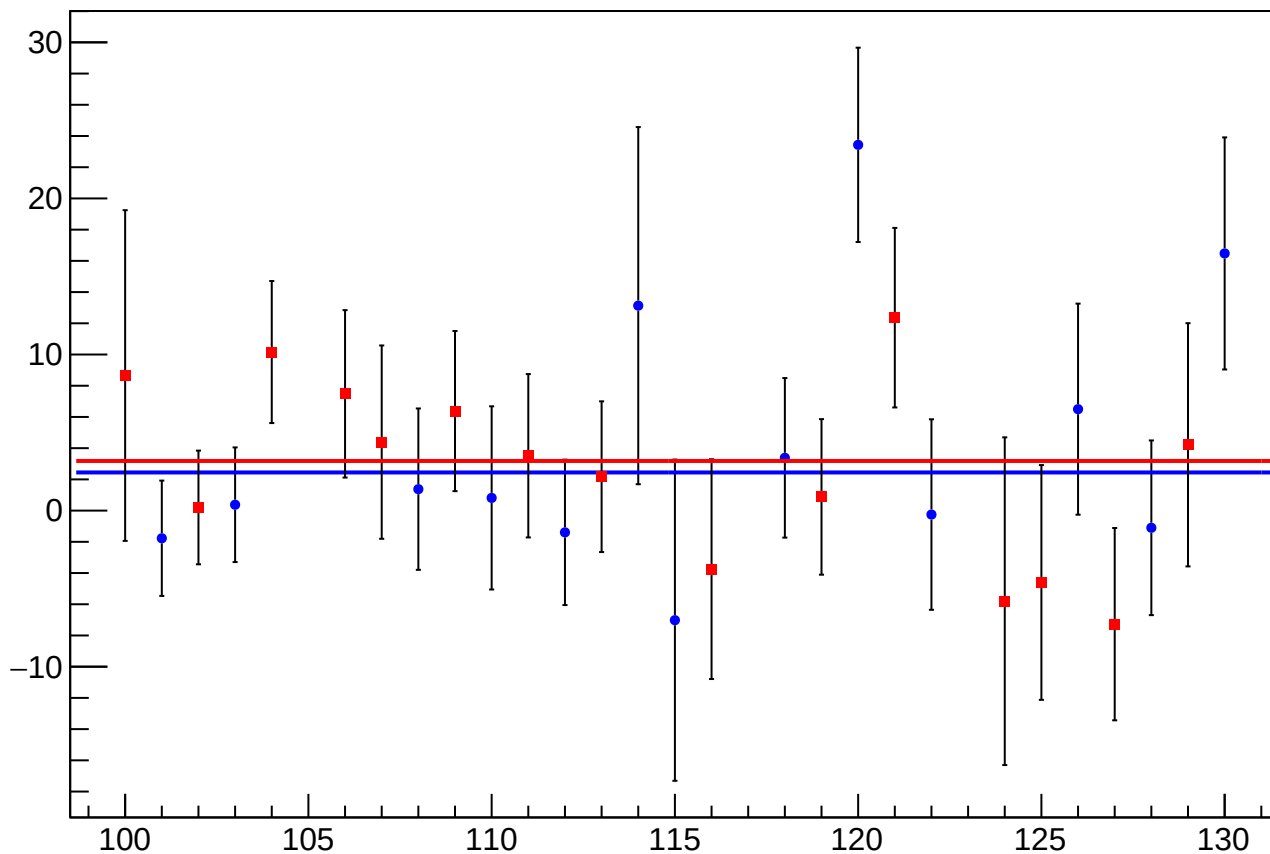
Right: 12223.896+/-2.580 χ^2/NDF : 264734.1/27

In: 12133.111+/-3.695 χ^2/NDF : 157975.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12223.896+/-2.580 χ^2/NDF : 264734.1/27

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 2.444+/-1.508 χ^2/NDF : 20.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.180+/-1.457 χ^2/NDF : 12.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

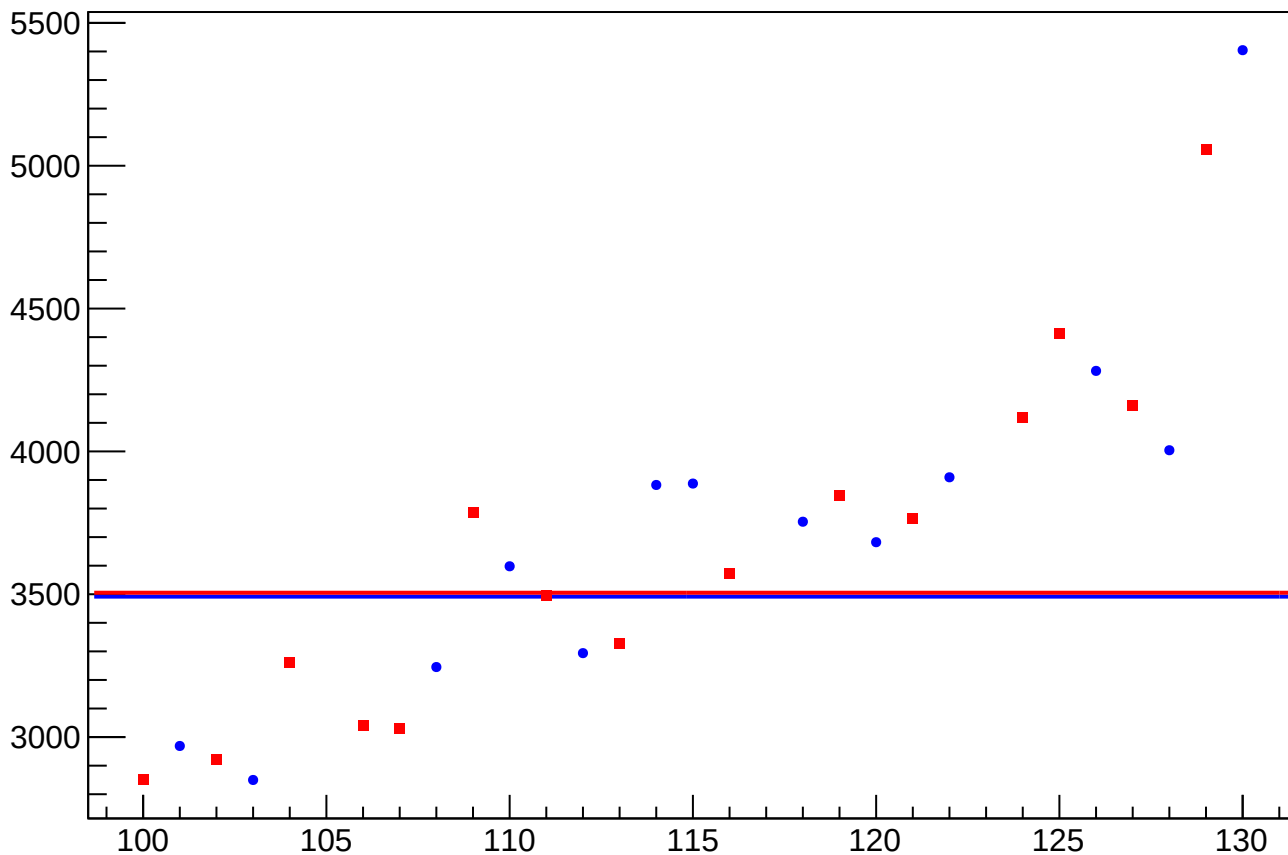
Right: 2.825+/-1.048 χ^2/NDF : 33.0/27

In: 2.444+/-1.508 χ^2/NDF : 20.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.825+/-1.048 χ^2/NDF : 33.0/27

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3491.724+/-1.066 χ^2/NDF : 308212.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3505.329+/-1.030 χ^2/NDF : 251990.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

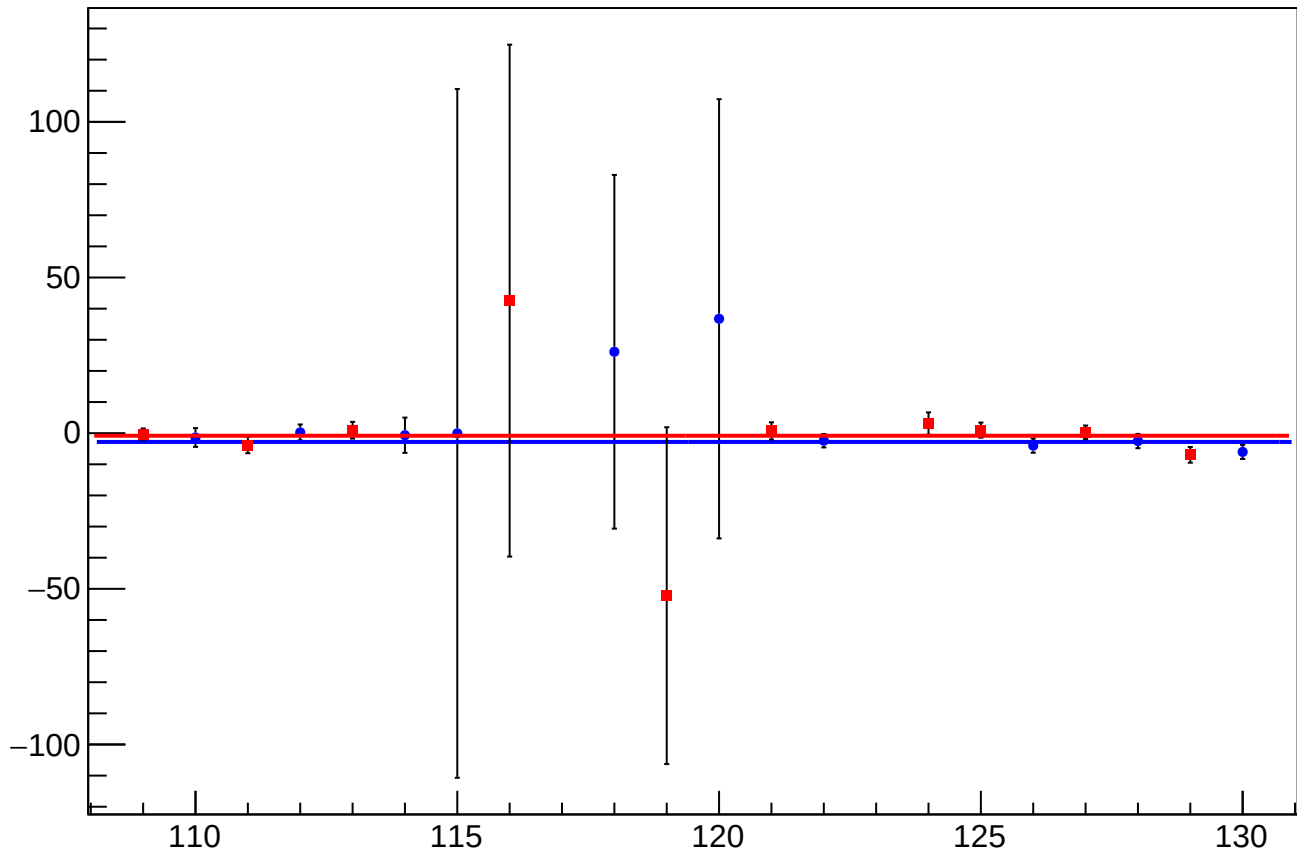
Right: 3498.760+/-0.741 χ^2/NDF : 560287.2/27

In: 3491.724+/-1.066 χ^2/NDF : 308212.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3498.760+/-0.741 χ^2/NDF : 560287.2/27

diff_bpm1p02bX_mean vs Slug, Sign Corrected



Right In: -2.816+/-0.960 χ^2/NDF : 4.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.819+/-0.873 χ^2/NDF : 11.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

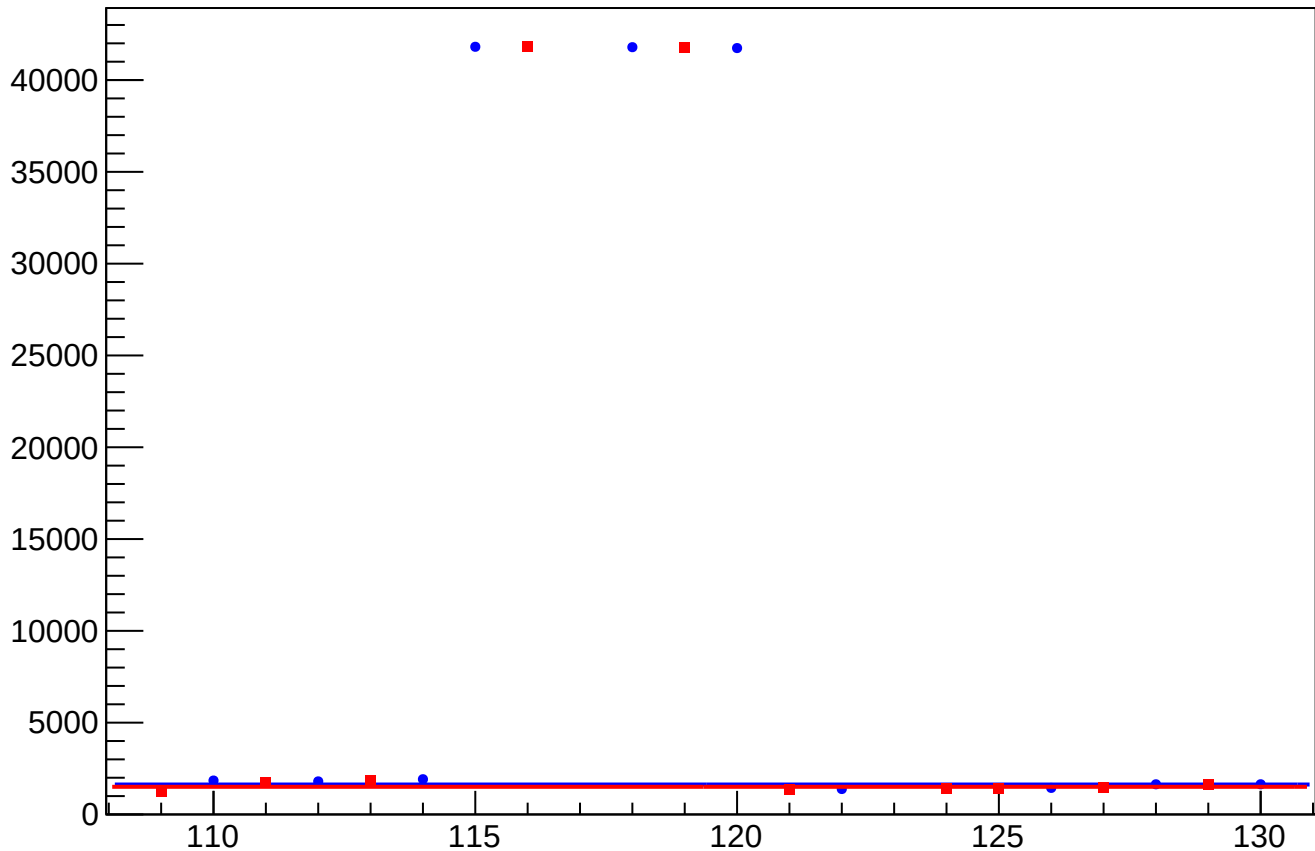
Right: -1.723+/-0.646 χ^2/NDF : 18.3/19

In: -2.816+/-0.960 χ^2/NDF :4.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.723+/-0.646 χ^2/NDF : 18.3/19

diff_bpm1p02bX_rms vs Slug, Sign Corrected



Right In: 1630.485+/-0.679 χ^2/NDF : 1973151.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1506.182+/-0.617 χ^2/NDF : 1693769.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

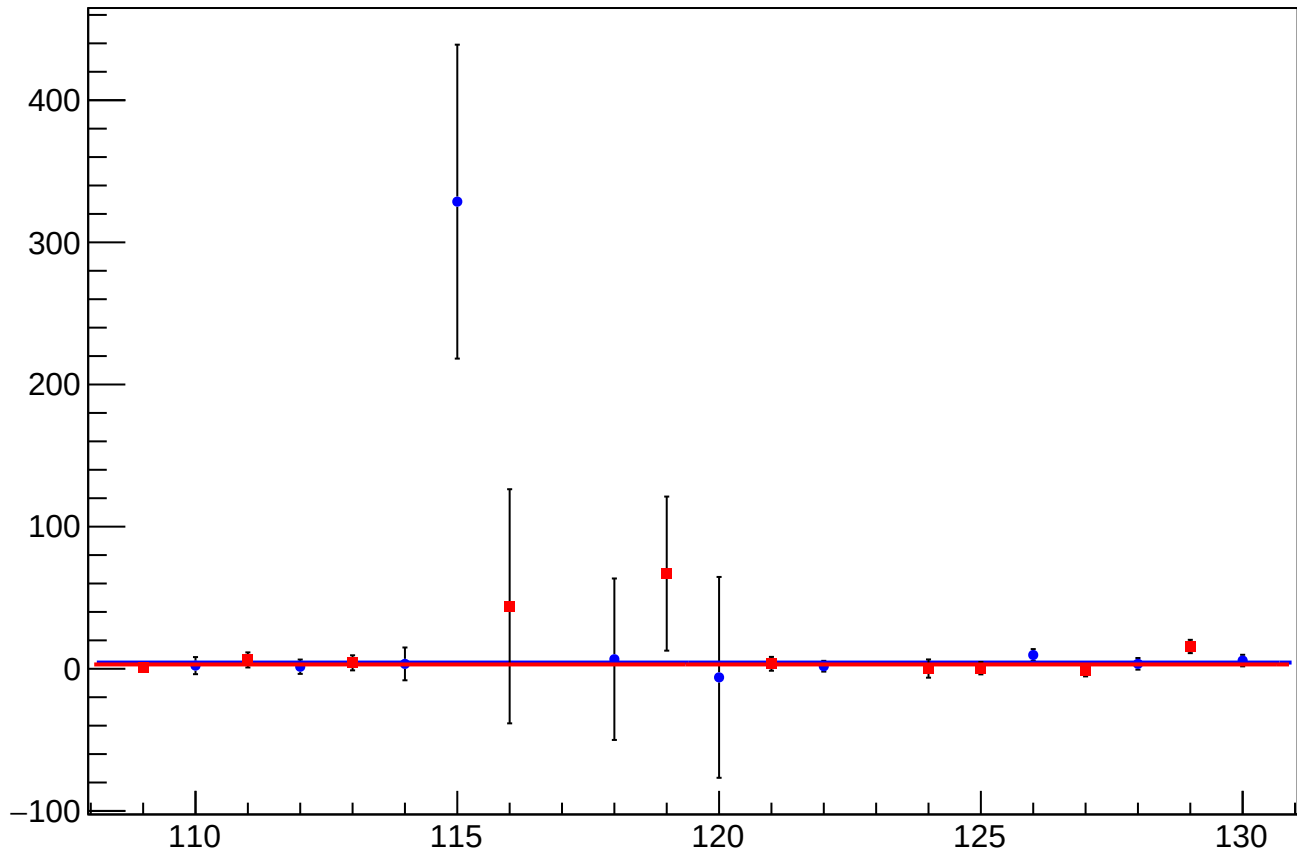
Right: 1562.464+/-0.457 χ^2/NDF : 3685277.6/19

In: 1630.485+/-0.679 χ^2/NDF : 1973151.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1562.464+/-0.457 χ^2/NDF : 3685277.6/19

diff_bpm1p02bY_mean vs Slug, Sign Corrected



Right In: 4.387+/-1.759 χ^2/NDF : 11.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.058+/-1.533 χ^2/NDF : 11.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

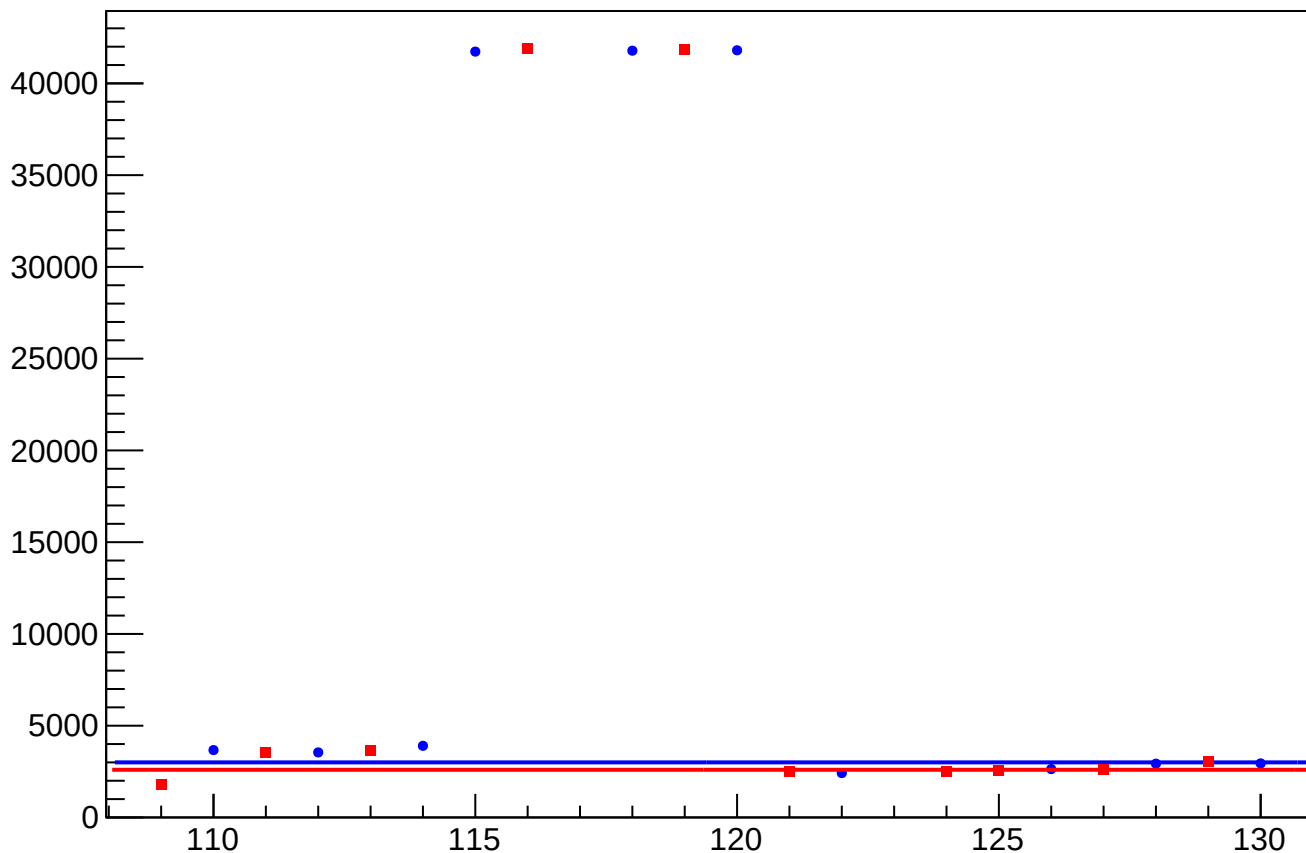
Right: 3.632+/-1.156 χ^2/NDF : 23.6/19

In: 4.387+/-1.759 χ^2/NDF : 11.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.632+/-1.156 χ^2/NDF : 23.6/19

diff_bpm1p02bY_rms vs Slug, Sign Corrected



Right In: 3001.496+/-1.244 χ^2/NDF : 1906245.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2597.796+/-1.084 χ^2/NDF : 1822352.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

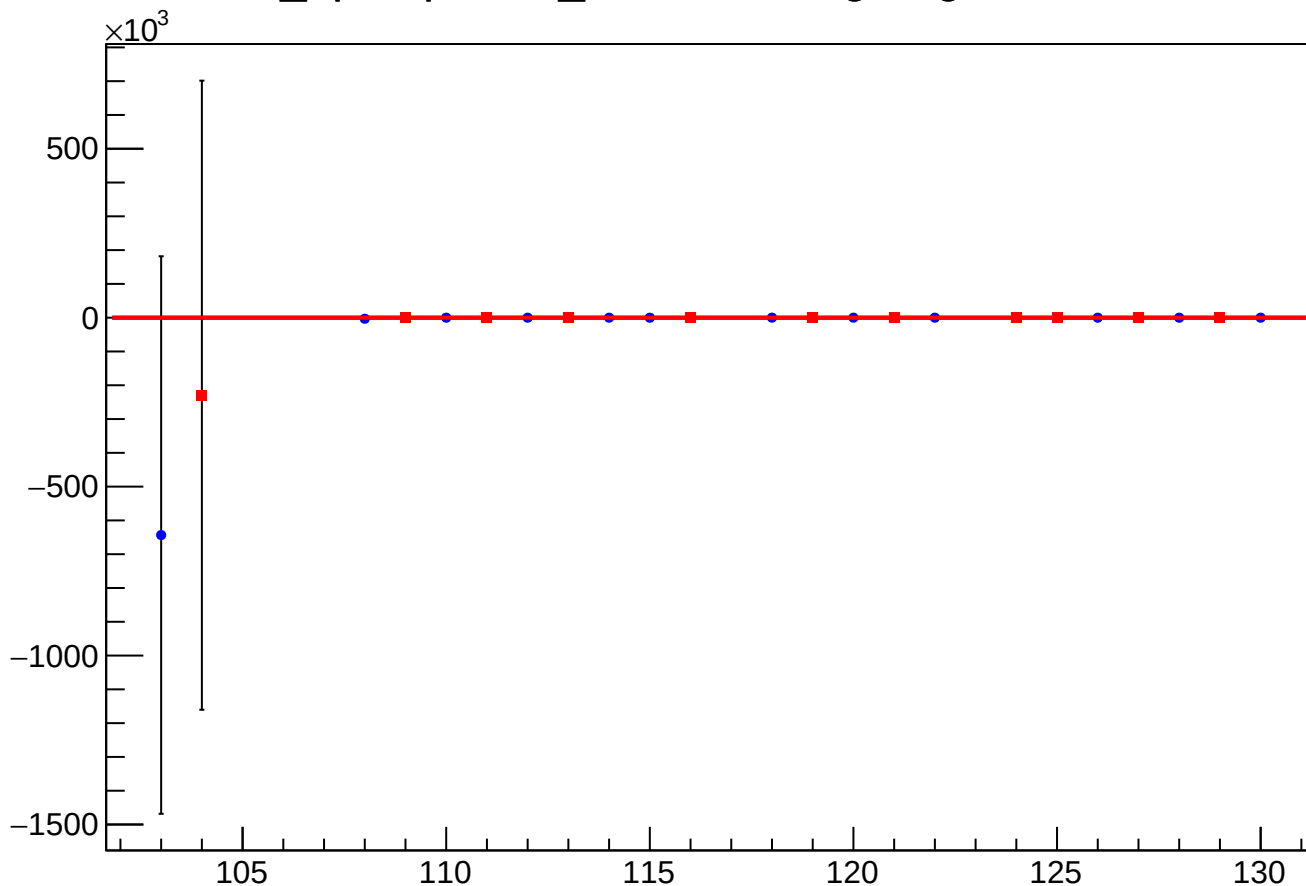
Right: 2772.036+/-0.817 χ^2/NDF : 3788449.0/19

In: 3001.496+/-1.244 χ^2/NDF : 1906245.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2772.036+/-0.817 χ^2/NDF : 3788449.0/19

diff_bpm1p03aX_mean vs Slug, Sign Corrected



Right In: 1.655+/-1.765 χ^2/NDF : 13.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.100+/-1.659 χ^2/NDF : 9.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

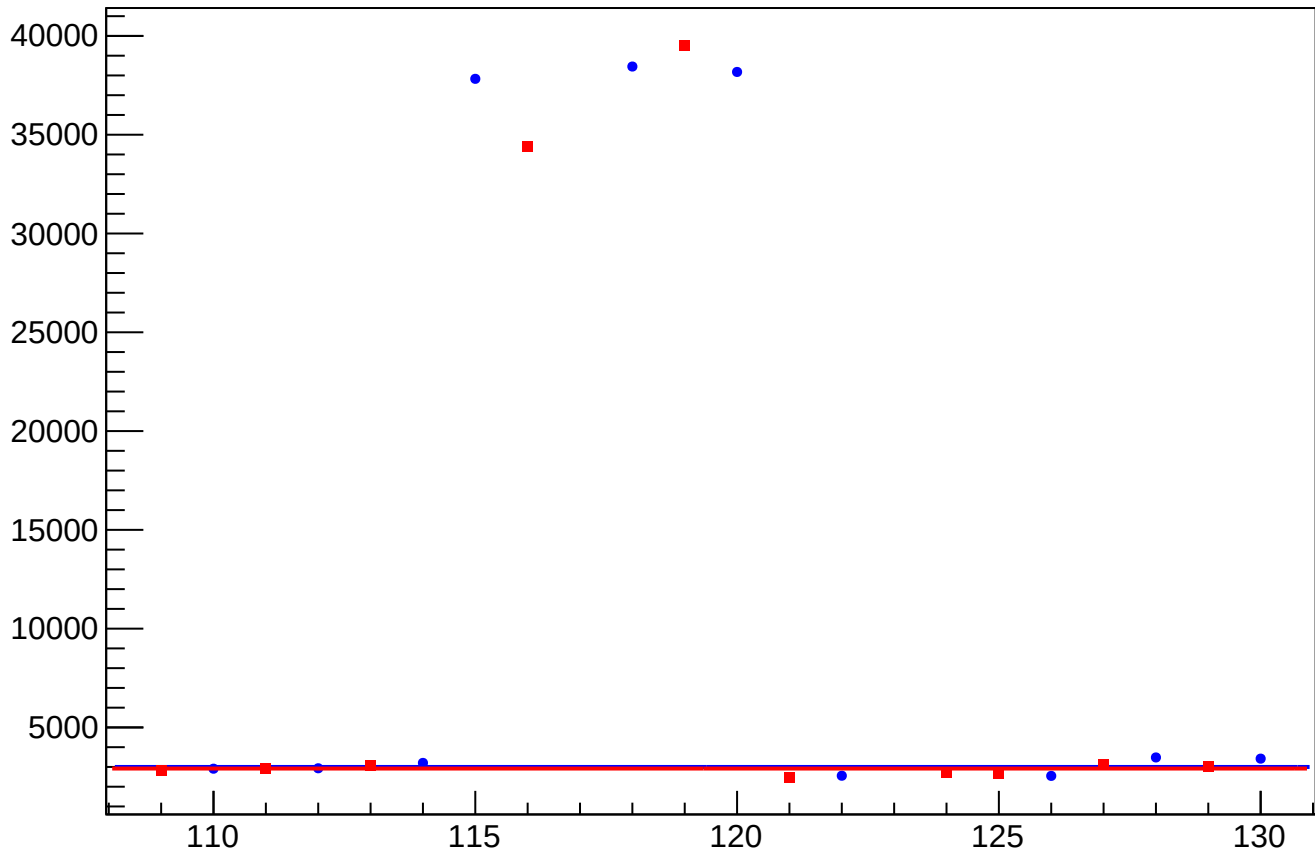
Right: 3.484+/-1.209 χ^2/NDF : 24.6/22

In: 1.655+/-1.765 χ^2/NDF : 13.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.484+/-1.209 χ^2/NDF : 24.6/22

diff_bpm1p03aX_rms vs Slug, Sign Corrected



Right In: 2999.070+/-1.248 χ^2/NDF : 1835815.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2919.516+/-1.173 χ^2/NDF : 1487049.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

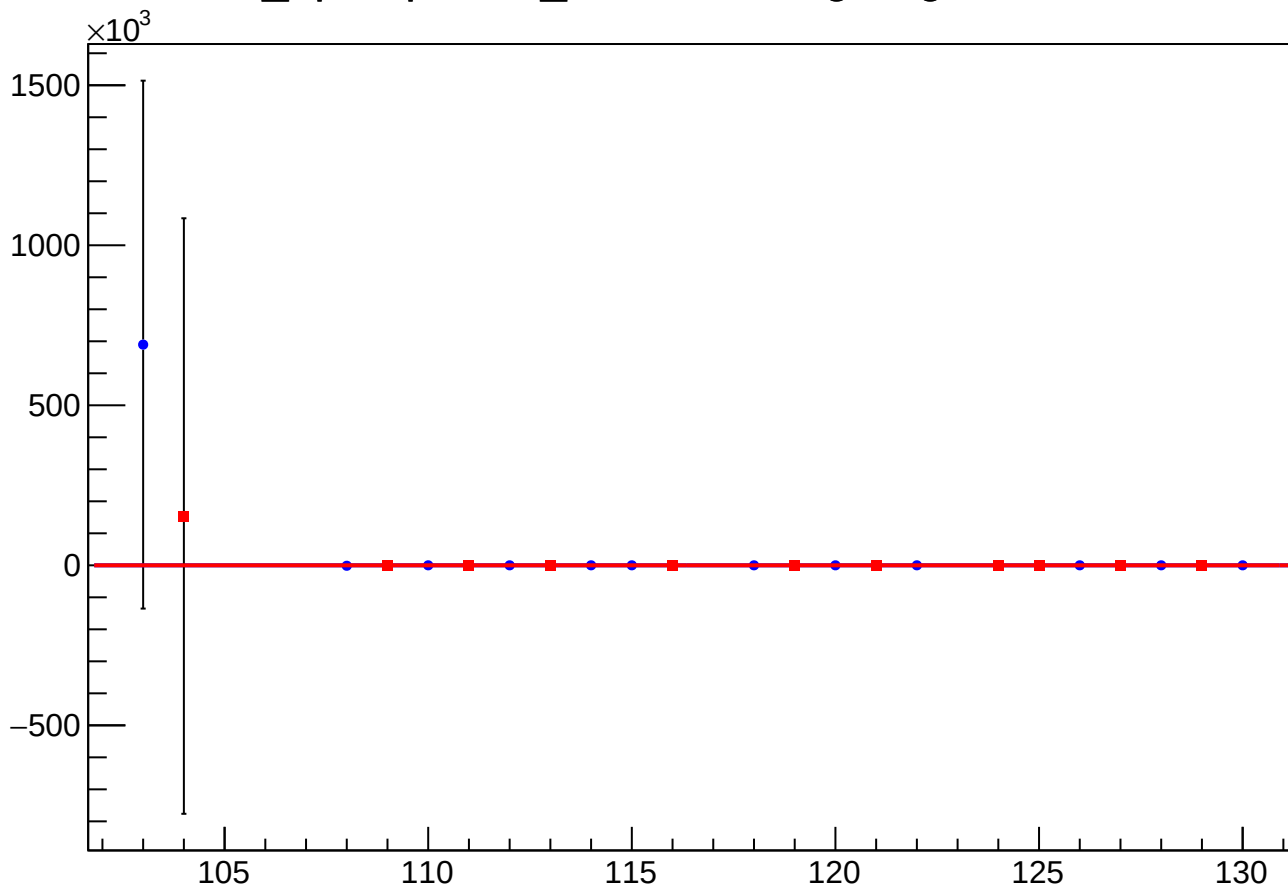
Right: 2956.823+/-0.855 χ^2/NDF : 3325021.6/19

In: 2999.070+/-1.248 χ^2/NDF : 1835815.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2956.823+/-0.855 χ^2/NDF : 3325021.6/19

diff_bpm1p03aY_mean vs Slug, Sign Corrected



Right In: 1.601 $\pm$ 1.639 χ^2 /NDF: 3.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.264 $\pm$ 1.388 χ^2 /NDF: 12.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

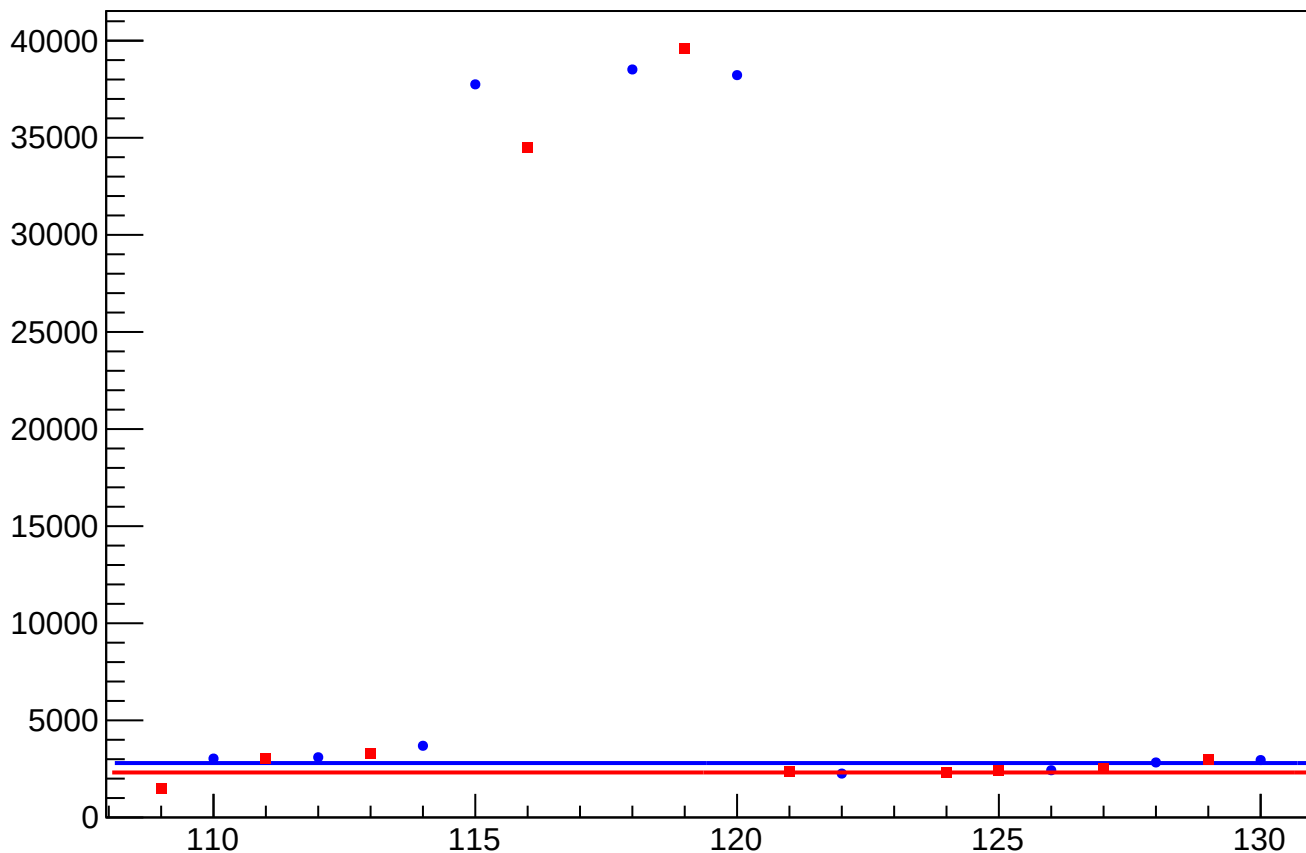
Right: 2.570 $\pm$ 1.059 χ^2 /NDF: 16.6/22

In: 1.601 $\pm$ 1.639 χ^2 /NDF:3.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.570 $\pm$ 1.059 χ^2 /NDF: 16.6/22

diff_bpm1p03aY_rms vs Slug, Sign Corrected



Right In: 2801.204 $\pm$ 1.159 χ^2/NDF : 1865647.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 2316.465 $\pm$ 0.982 χ^2/NDF : 1941577.2/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

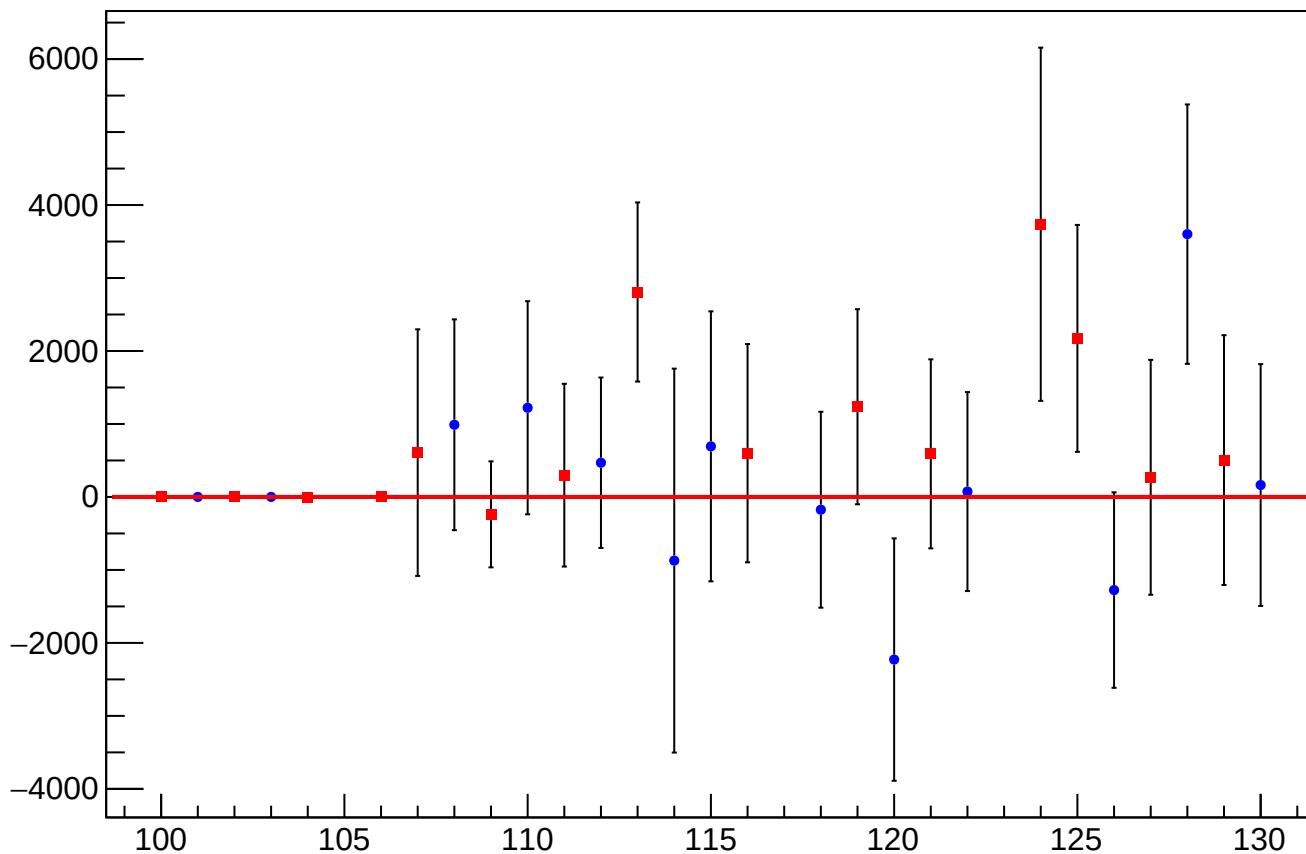
Right: 2518.896 $\pm$ 0.749 χ^2/NDF : 3909078.0/19

In: 2801.204 $\pm$ 1.159 χ^2/NDF : 1865647.4/9

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 2518.896 $\pm$ 0.749 χ^2/NDF : 3909078.0/19

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.256+/-0.356 χ^2/NDF : 8.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.096+/-0.328 χ^2/NDF : 14.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

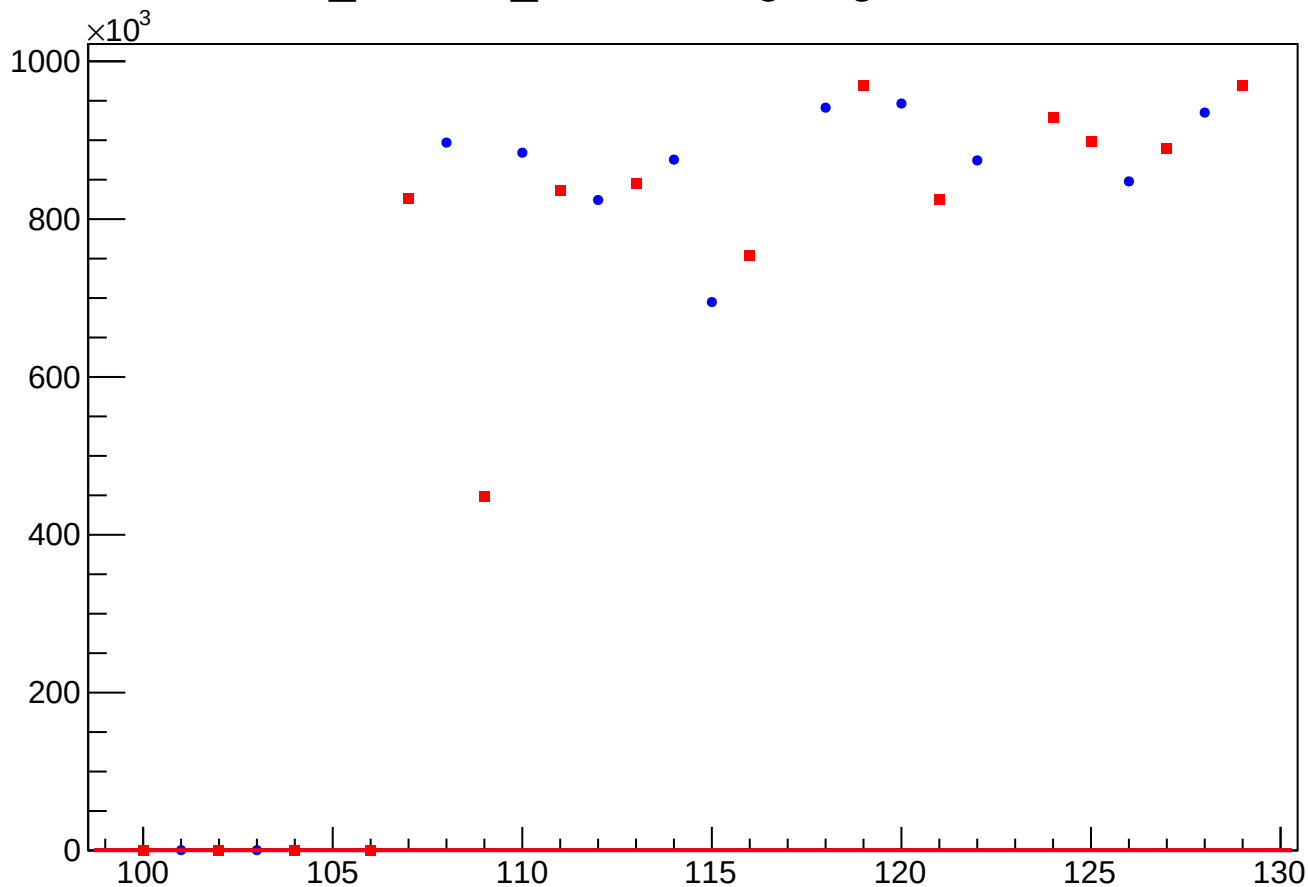
Right: 0.066+/-0.241 χ^2/NDF : 23.7/27

In: 0.256+/-0.356 χ^2/NDF : 8.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.066+/-0.241 χ^2/NDF : 23.7/27

diff_cav4bX_rms vs Slug, Sign Corrected



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: 393.095 $\pm$ 0.232 χ^2/NDF : 5962286.6/14

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

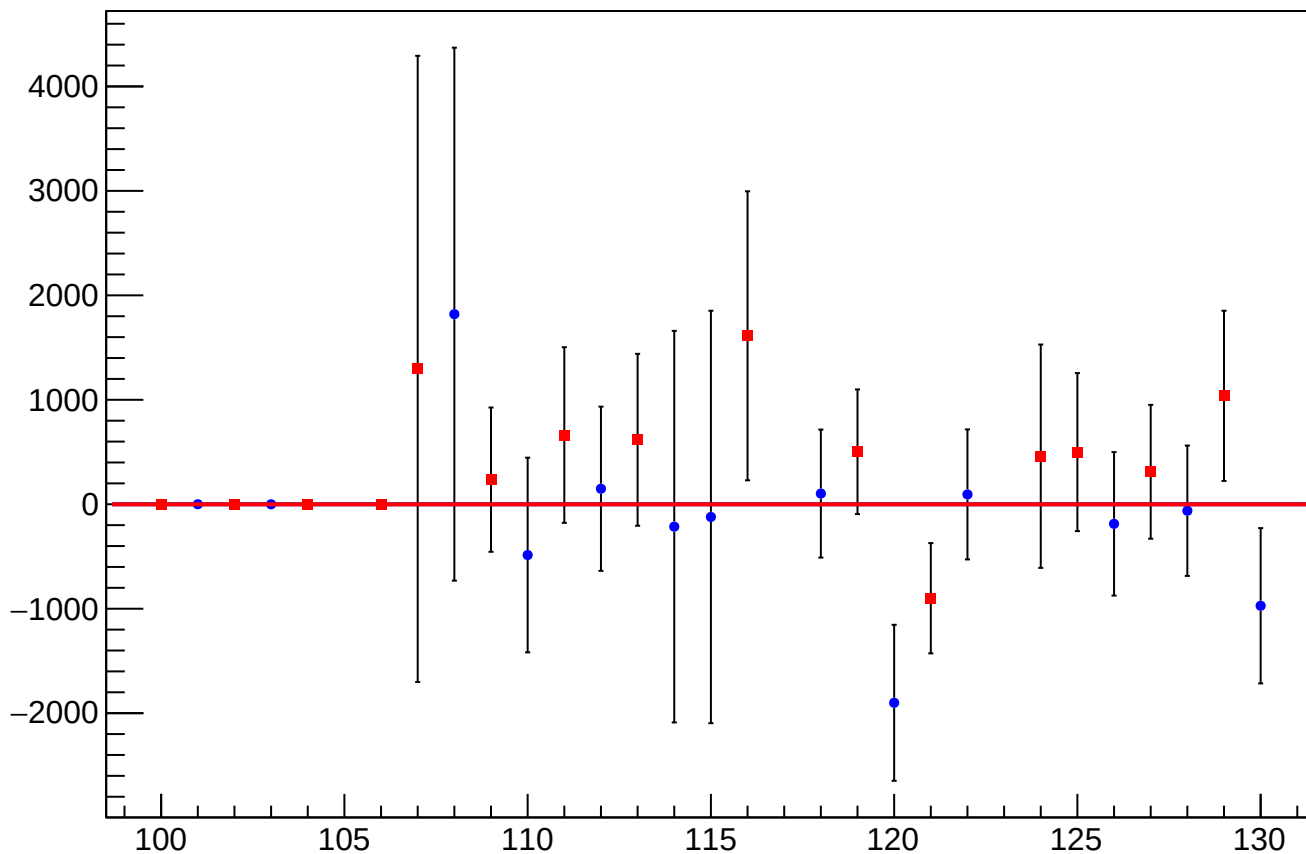
Right: 395.625 $\pm$ 0.170 χ^2/NDF : 11843911.7/26

In: 398.604 $\pm$ 0.251 χ^2/NDF : 5881365.7/11

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 395.625 $\pm$ 0.170 χ^2/NDF : 11843911.7/26

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.347 χ^2/NDF : 9.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.598+/-0.324 χ^2/NDF : 9.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

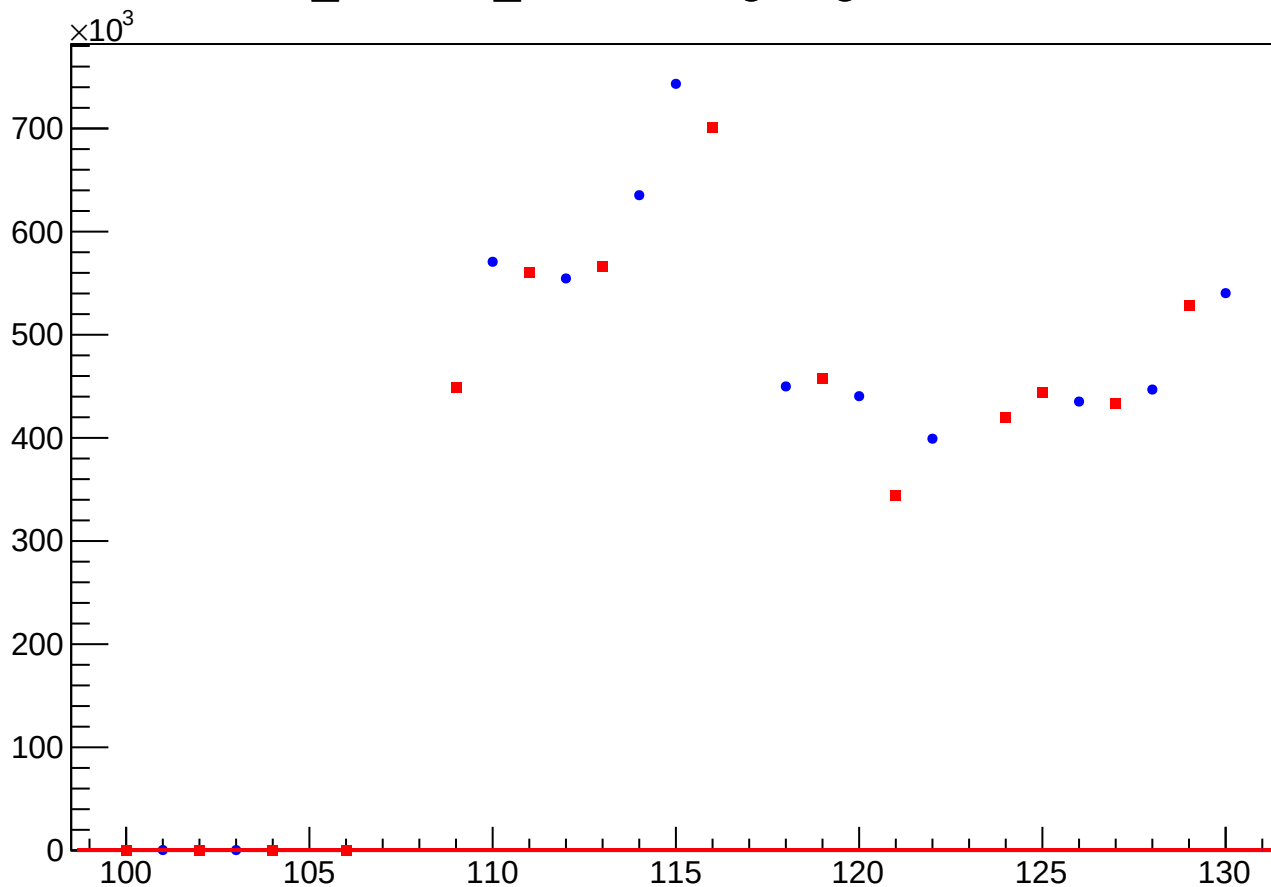
Right: -0.329+/-0.237 χ^2/NDF : 20.4/27

In: -0.020+/-0.347 χ^2/NDF : 9.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.329+/-0.237 χ^2/NDF : 20.4/27

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 389.628 $\pm$ 0.245 χ^2/NDF : 7742152.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 387.460 $\pm$ 0.229 χ^2/NDF : 7958607.2/13

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

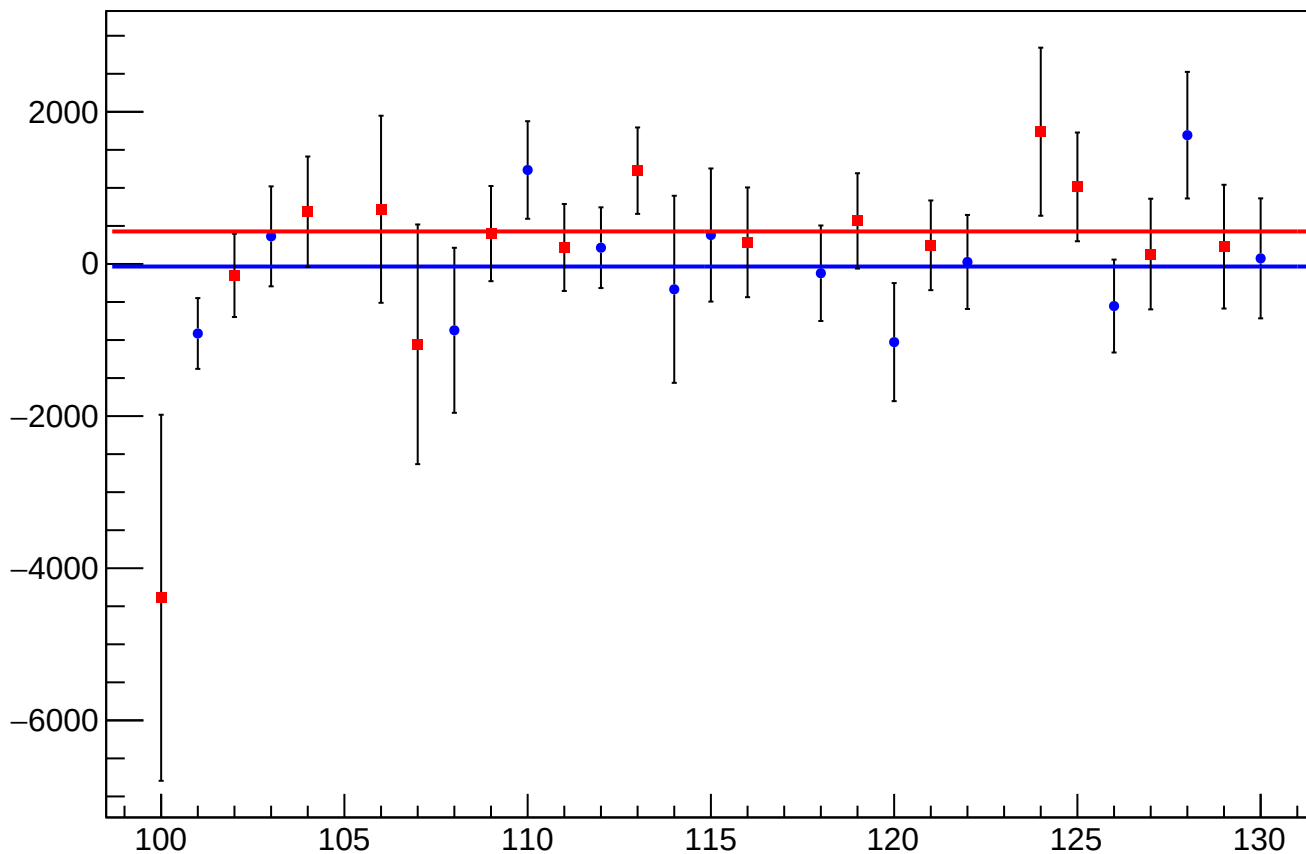
Right: 388.469 $\pm$ 0.167 χ^2/NDF : 15700801.6/25

In: 389.628 $\pm$ 0.245 χ^2/NDF : 7742152.7/11

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 388.469 $\pm$ 0.167 χ^2/NDF : 15700801.6/25

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: -33.660 $\pm$ 188.028 χ^2 /NDF: 15.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 427.427 $\pm$ 186.652 χ^2 /NDF: 10.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

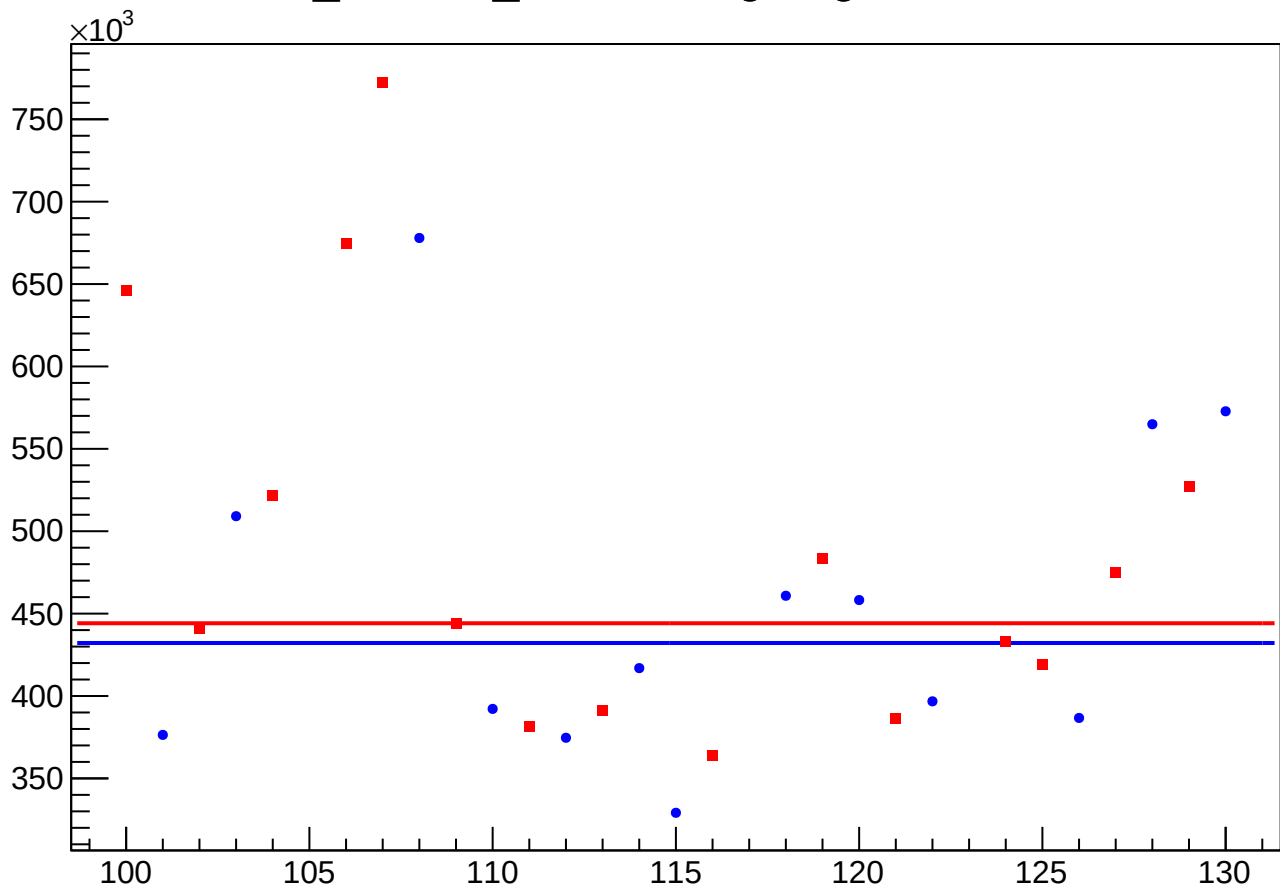
Right: 198.577 $\pm$ 132.467 χ^2 /NDF: 29.5/27

In: -33.660 $\pm$ 188.028 χ^2 /NDF:15.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 198.577 $\pm$ 132.467 χ^2 /NDF: 29.5/27

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 432174.722+/-132.995 χ^2/NDF : 356150.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 444154.483+/-132.030 χ^2/NDF : 312057.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

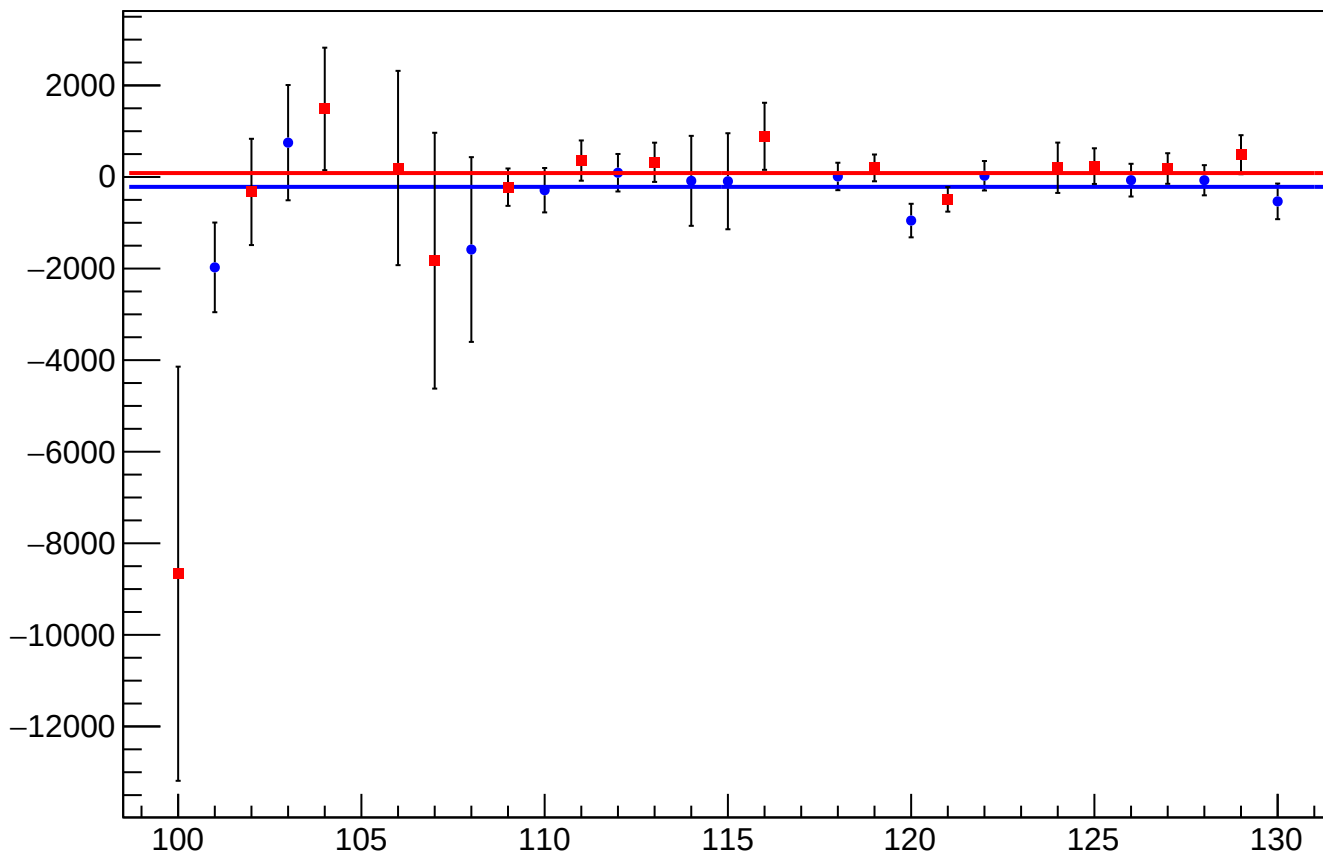
Right: 438208.216+/-93.699 χ^2/NDF : 672295.3/27

In: 432174.722+/-132.995 χ^2/NDF : 356150.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 438208.216+/-93.699 χ^2/NDF : 672295.3

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -215.775+/-123.122 χ^2/NDF : 11.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.766+/-119.433 χ^2/NDF : 13.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

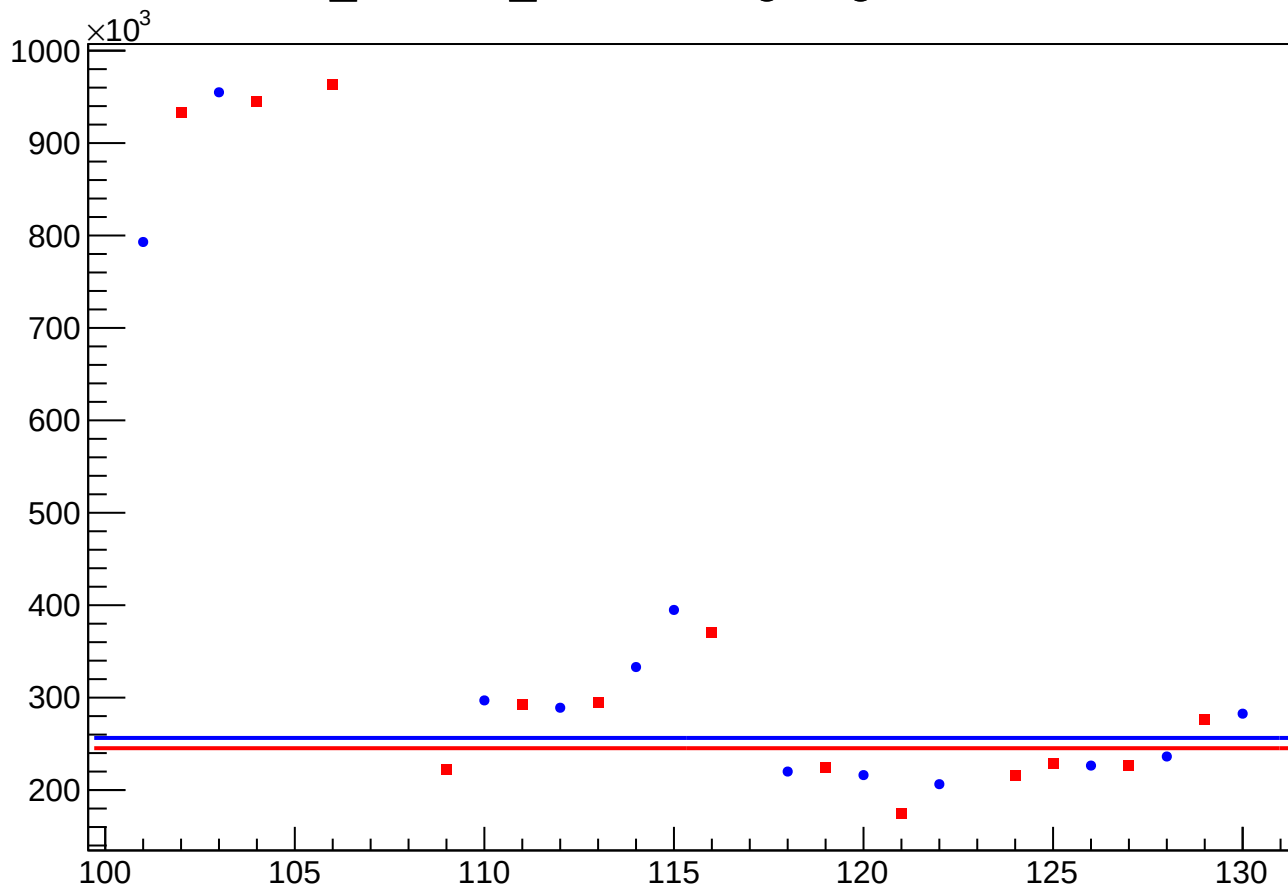
Right: -60.420+/-85.726 χ^2/NDF : 28.0/27

In: -215.775+/-123.122 χ^2/NDF : 11.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

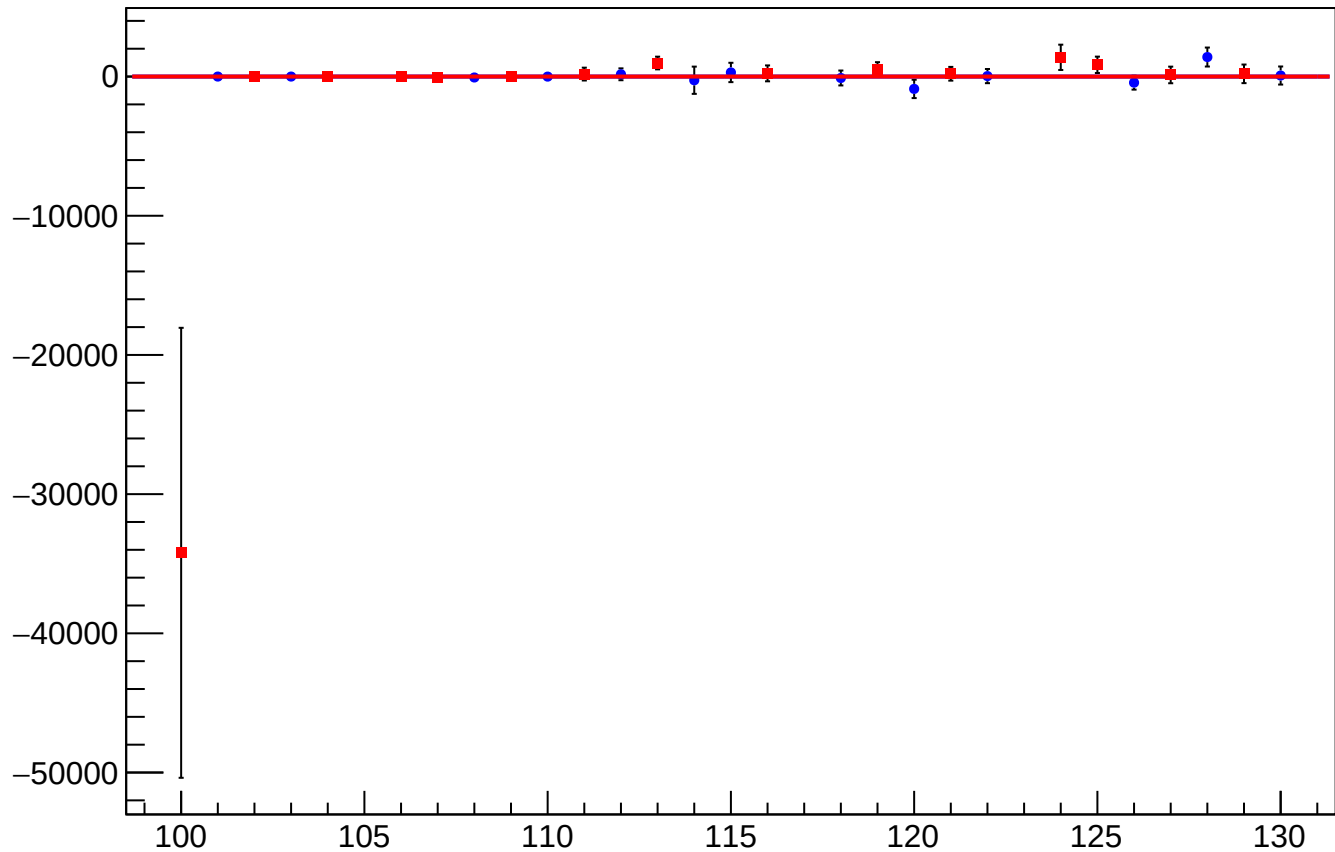
All: -60.420+/-85.726 χ^2/NDF : 28.0/27

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 256391.303 $\pm$ 87.356 χ^2/NDF : 1227029.7/11
 Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right Out: 245283.767 $\pm$ 84.845 χ^2/NDF : 1429380.9/12
 Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: 250675.568 $\pm$ 60.863 χ^2/NDF : 2664730.1/24

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.035+/-0.172 χ^2/NDF : 8.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.355+/-0.160 χ^2/NDF : 15.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

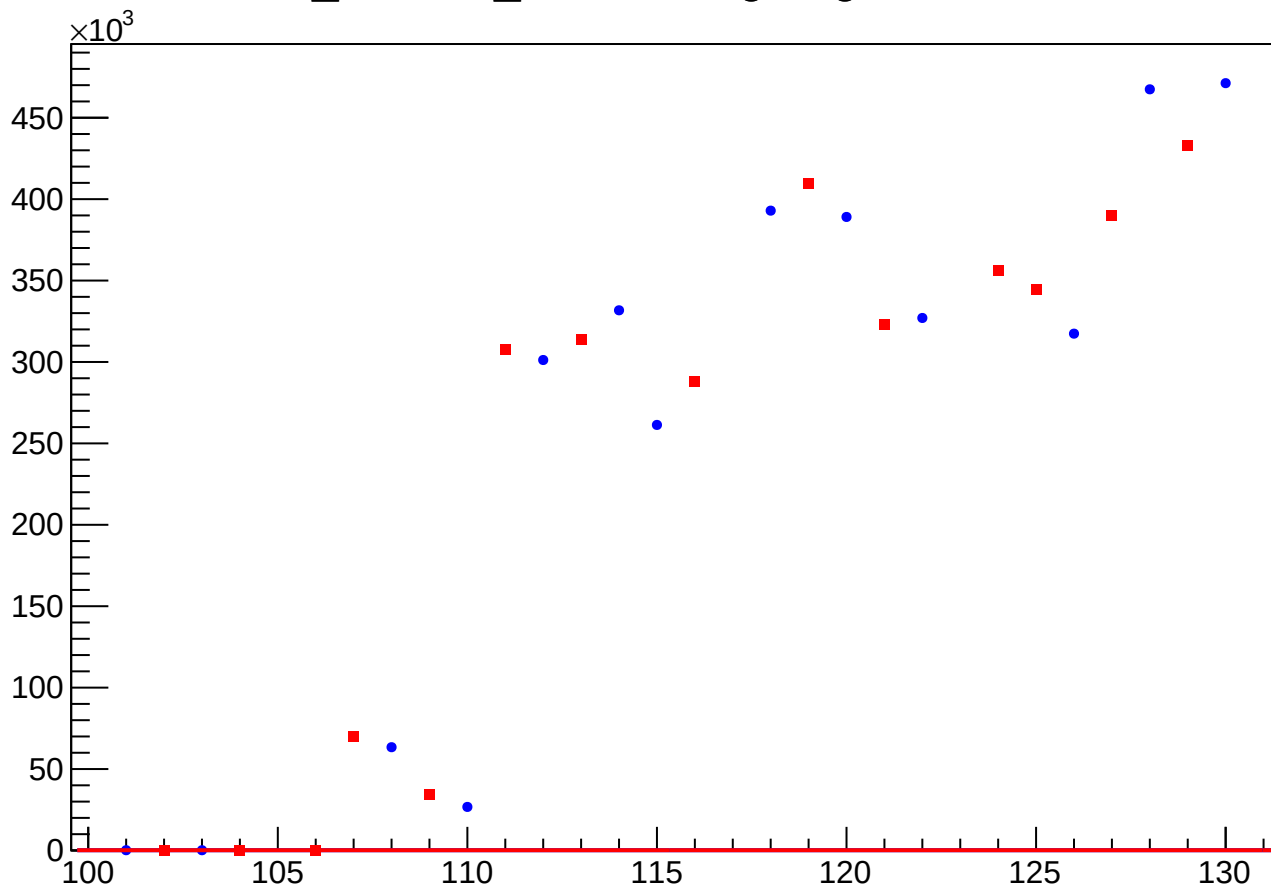
Right: 0.174+/-0.117 χ^2/NDF : 26.7/27

In: -0.035+/-0.172 χ^2/NDF : 8.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.174+/-0.117 χ^2/NDF : 26.7/27

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 148.901+/-0.122 χ^2/NDF : 7953516.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.251+/-0.113 χ^2/NDF : 8160630.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

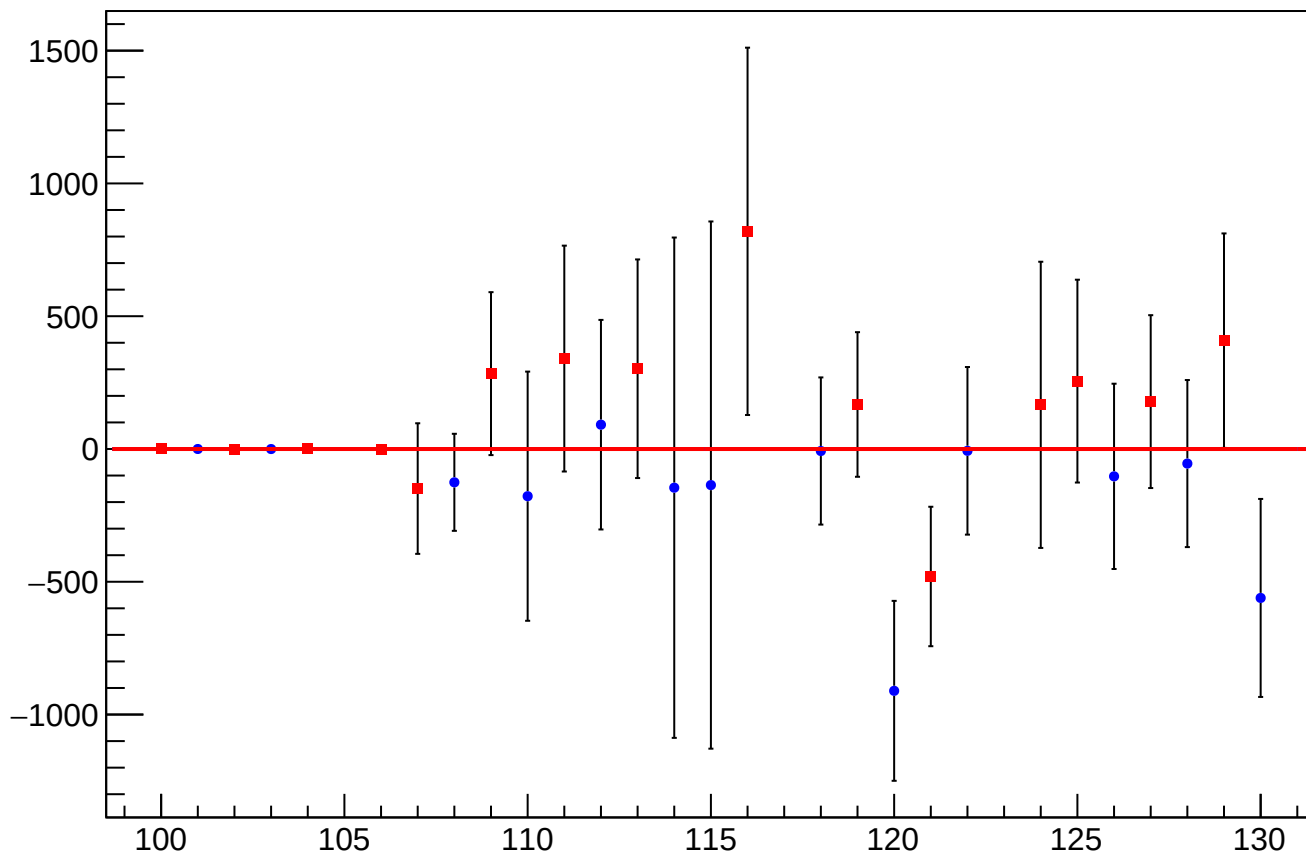
Right: 149.088+/-0.083 χ^2/NDF : 16114151.2/26

In: 148.901+/-0.122 χ^2/NDF : 7953516.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.088+/-0.083 χ^2/NDF : 16114151.2/26

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: -0.068+/-0.177 χ^2/NDF : 10.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.125+/-0.166 χ^2/NDF : 9.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

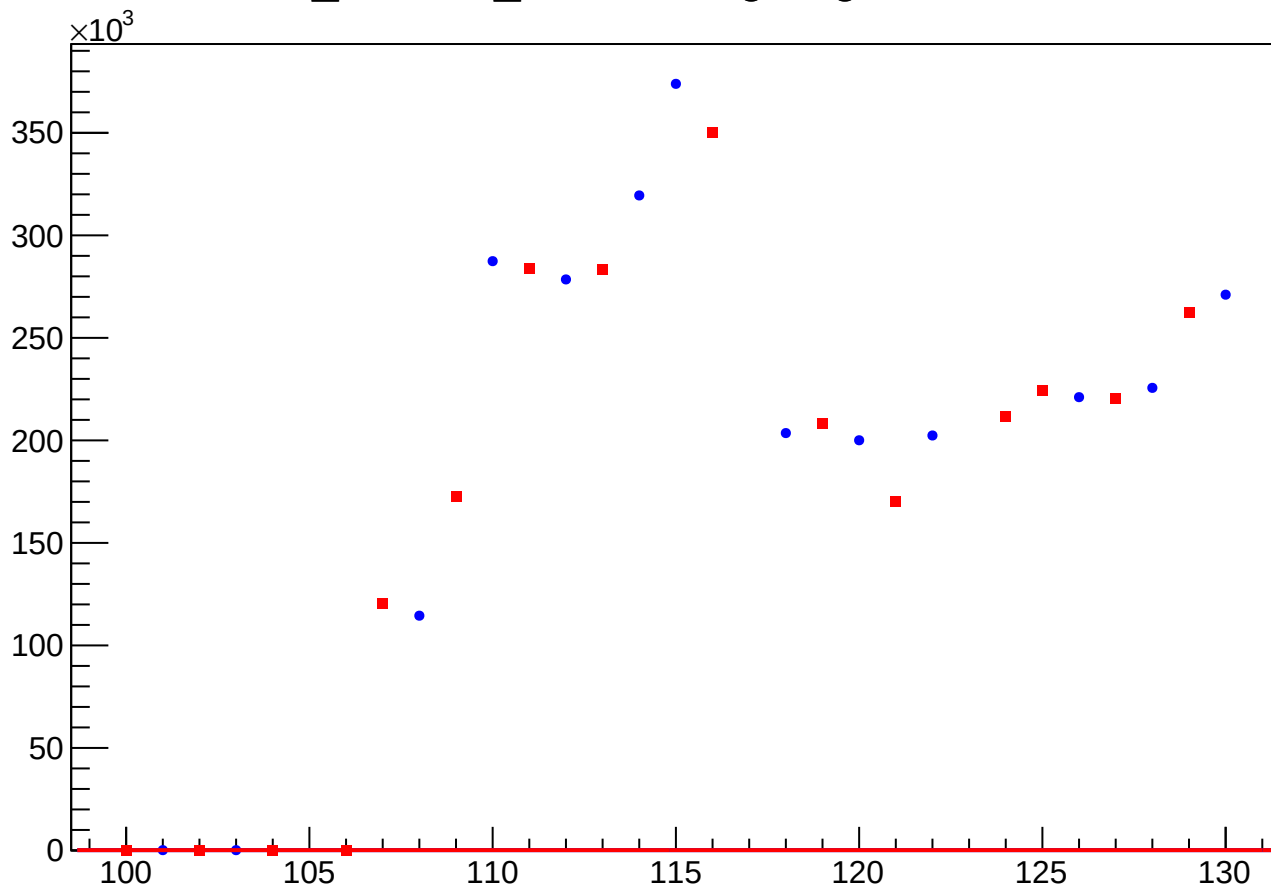
Right: -0.099+/-0.121 χ^2/NDF : 20.1/27

In: -0.068+/-0.177 χ^2/NDF : 10.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.099+/-0.121 χ^2/NDF : 20.1/27

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 153.134 $\pm$ 0.125 χ^2/NDF : 8523616.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 155.880 $\pm$ 0.118 χ^2/NDF : 8213475.1/14

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

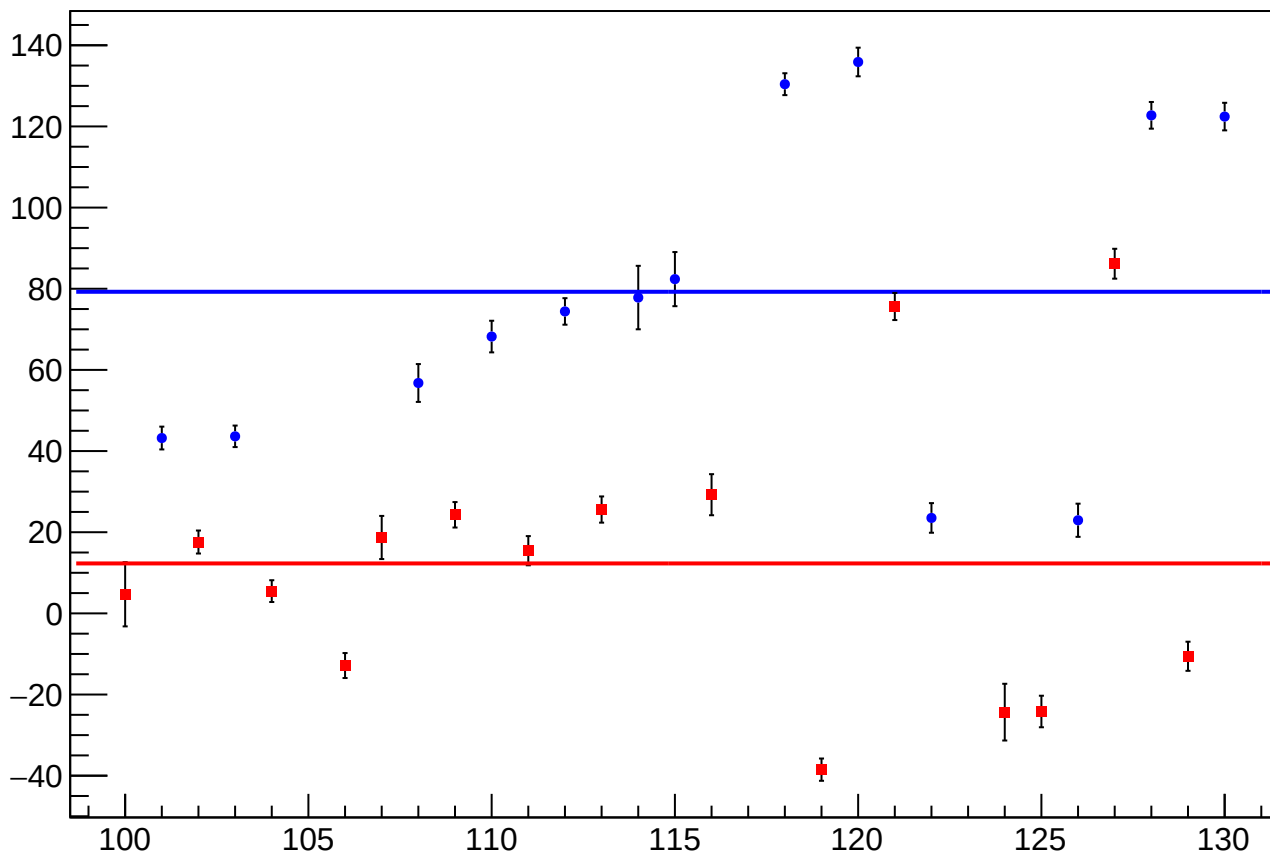
Right: 154.593 $\pm$ 0.086 χ^2/NDF : 16737346.4/27

In: 153.134 $\pm$ 0.125 χ^2/NDF : 8523616.1/12

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 154.593 $\pm$ 0.086 χ^2/NDF : 16737346.4/27

diff_bpm0i01X_mean vs Slug, Sign Corrected



Right In: 79.253+/-0.978 χ^2/NDF : 1755.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.308+/-0.915 χ^2/NDF : 1383.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

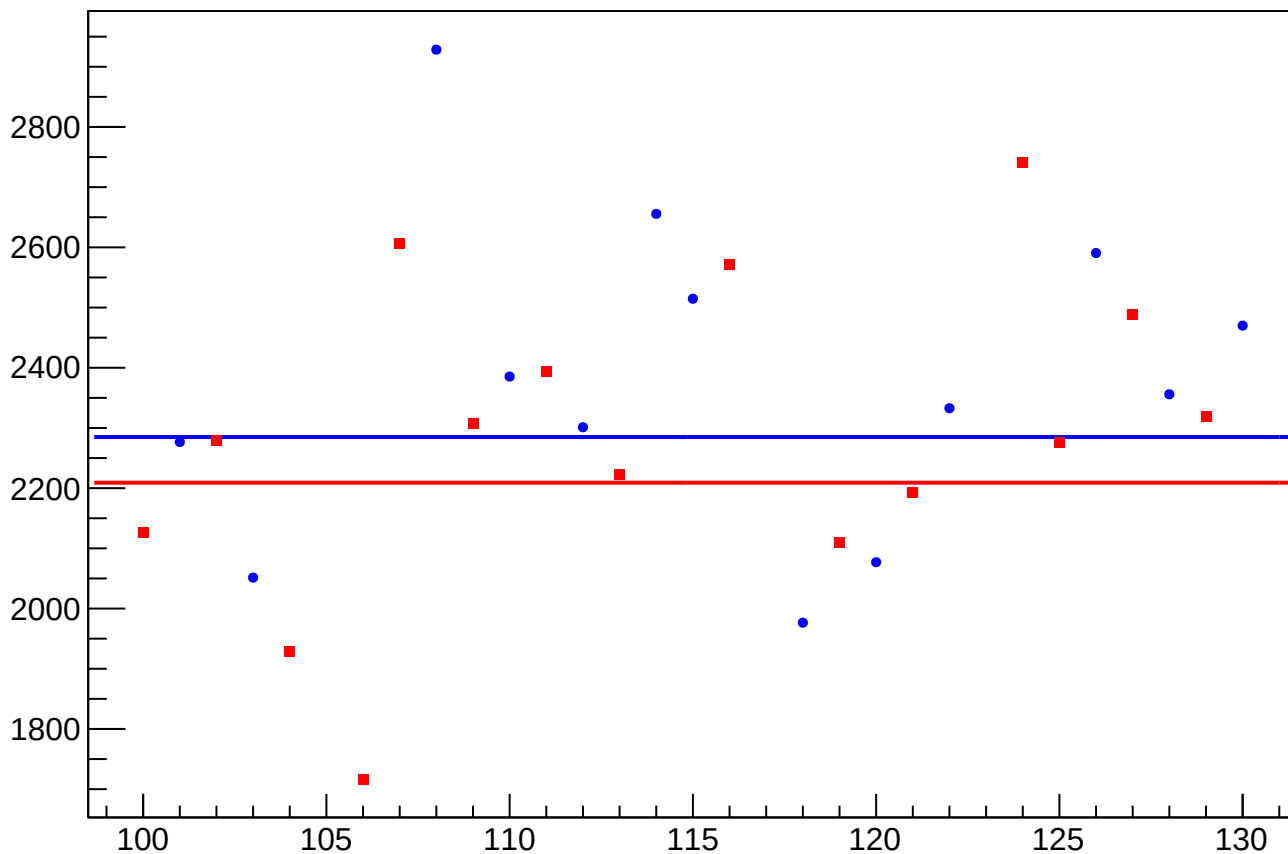
Right: 43.545+/-0.668 χ^2/NDF : 5636.7/27

In: 79.253+/-0.978 χ^2/NDF : 1755.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.545+/-0.668 χ^2/NDF : 5636.7/27

diff_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 2284.929+/-0.692 χ^2/NDF : 113382.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2209.112+/-0.647 χ^2/NDF : 131627.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

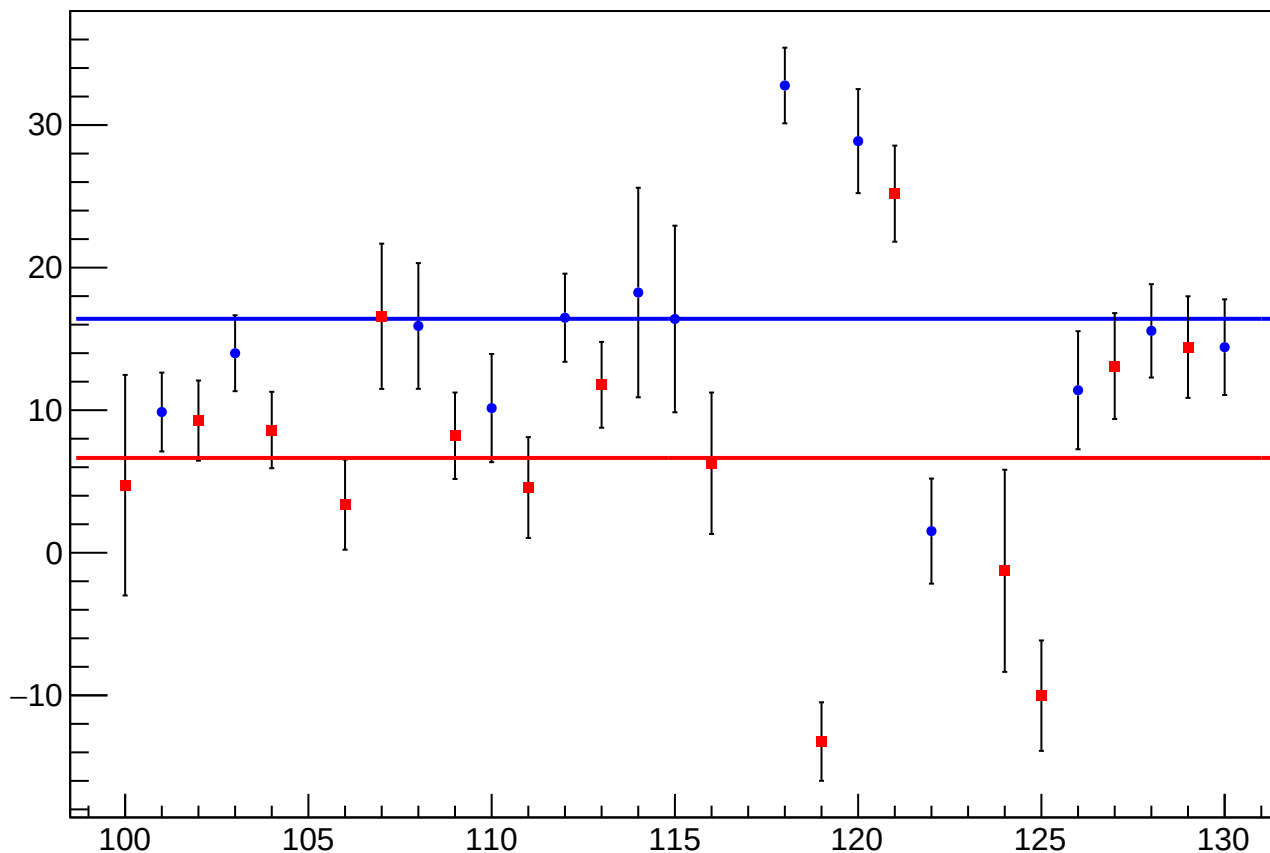
Right: 2244.488+/-0.473 χ^2/NDF : 251418.1/27

In: 2284.929+/-0.692 χ^2/NDF : 113382.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2244.488+/-0.473 χ^2/NDF : 251418.1/27

diff_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: 16.410+/-0.967 χ^2/NDF : 77.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.651+/-0.906 χ^2/NDF : 119.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

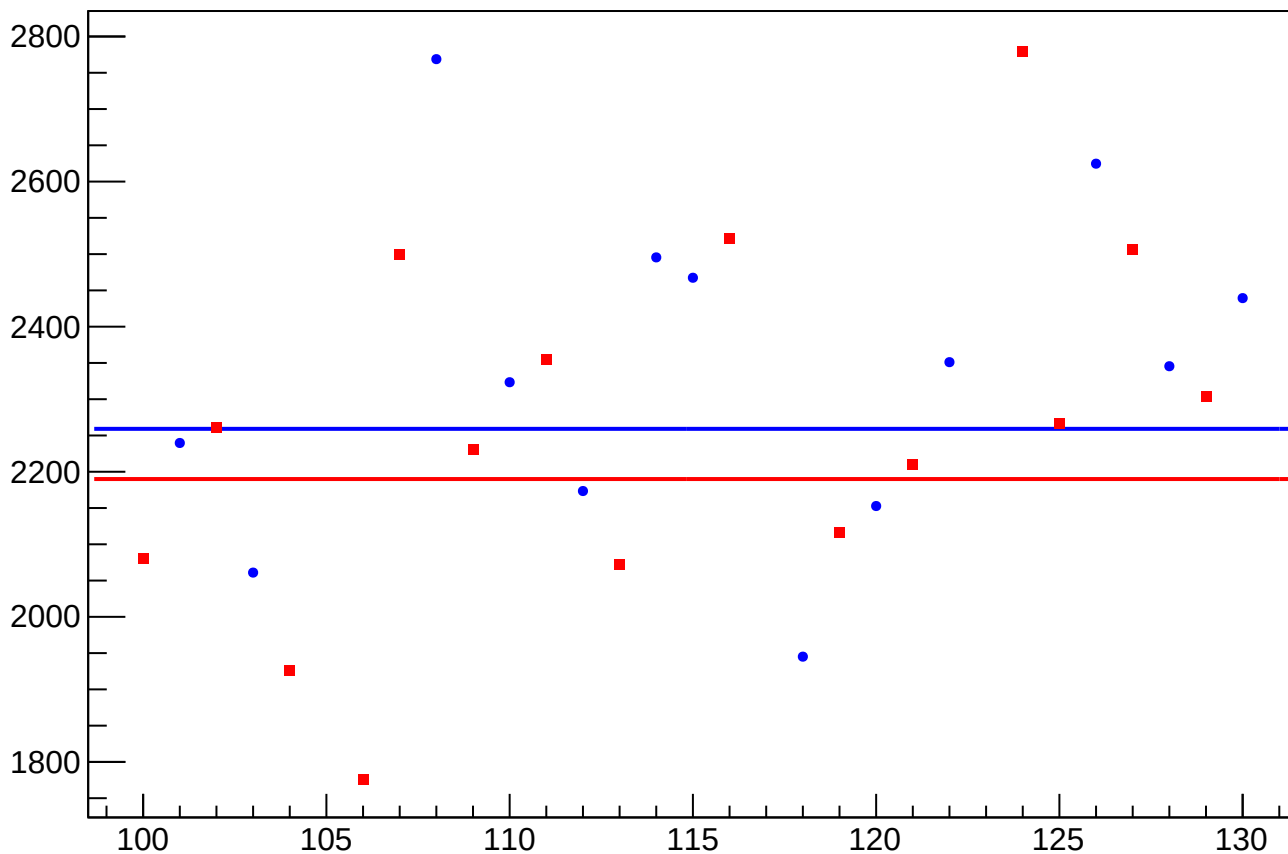
Right: 11.214+/-0.661 χ^2/NDF : 251.3/27

In: 16.410+/-0.967 χ^2/NDF : 77.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.214+/-0.661 χ^2/NDF : 251.3/27

diff_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 2259.150+/-0.683 χ^2/NDF : 97810.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2189.954+/-0.641 χ^2/NDF : 112140.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

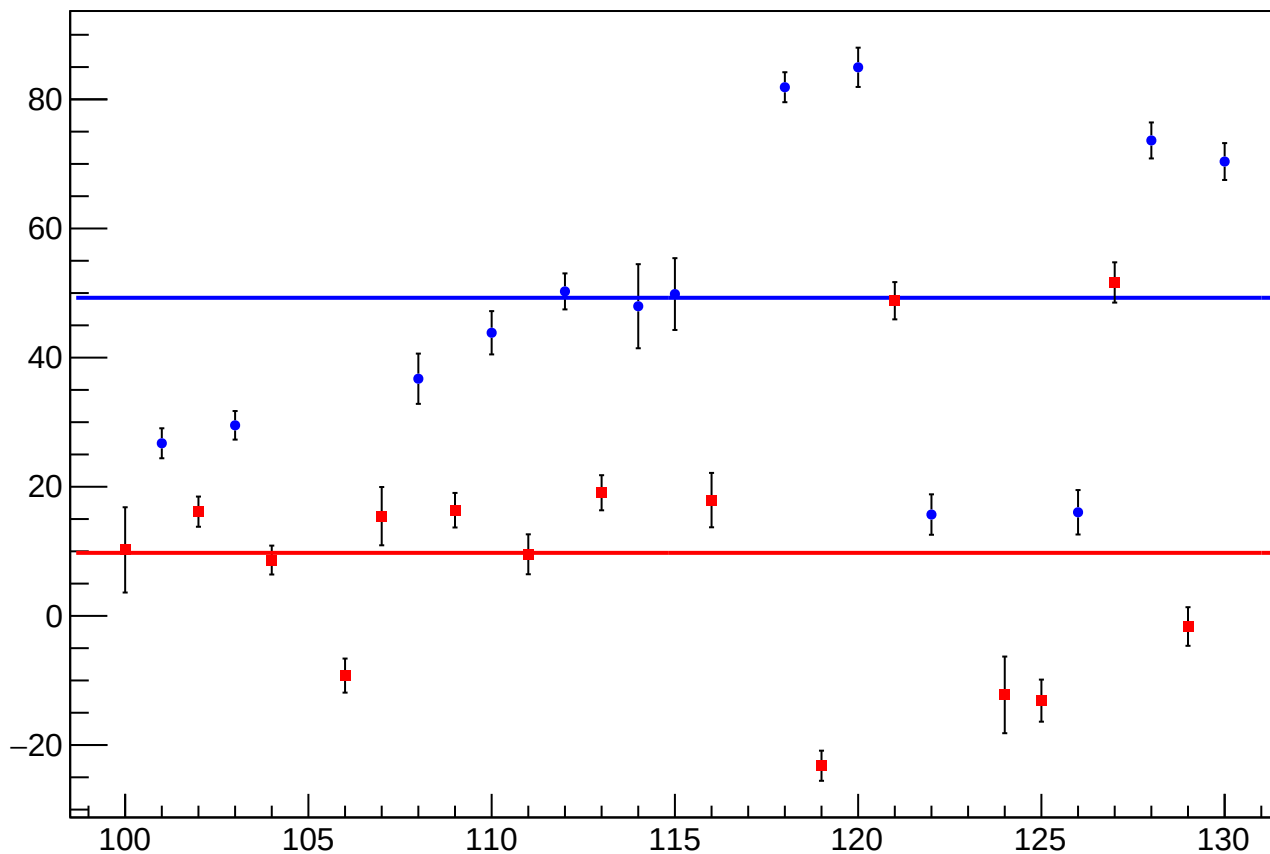
Right: 2222.310+/-0.467 χ^2/NDF : 215408.7/27

In: 2259.150+/-0.683 χ^2/NDF : 97810.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2222.310+/-0.467 χ^2/NDF : 215408.7/27

diff_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: 49.266 $\pm$ 0.828 χ^2 /NDF: 861.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 9.762 $\pm$ 0.773 χ^2 /NDF: 723.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

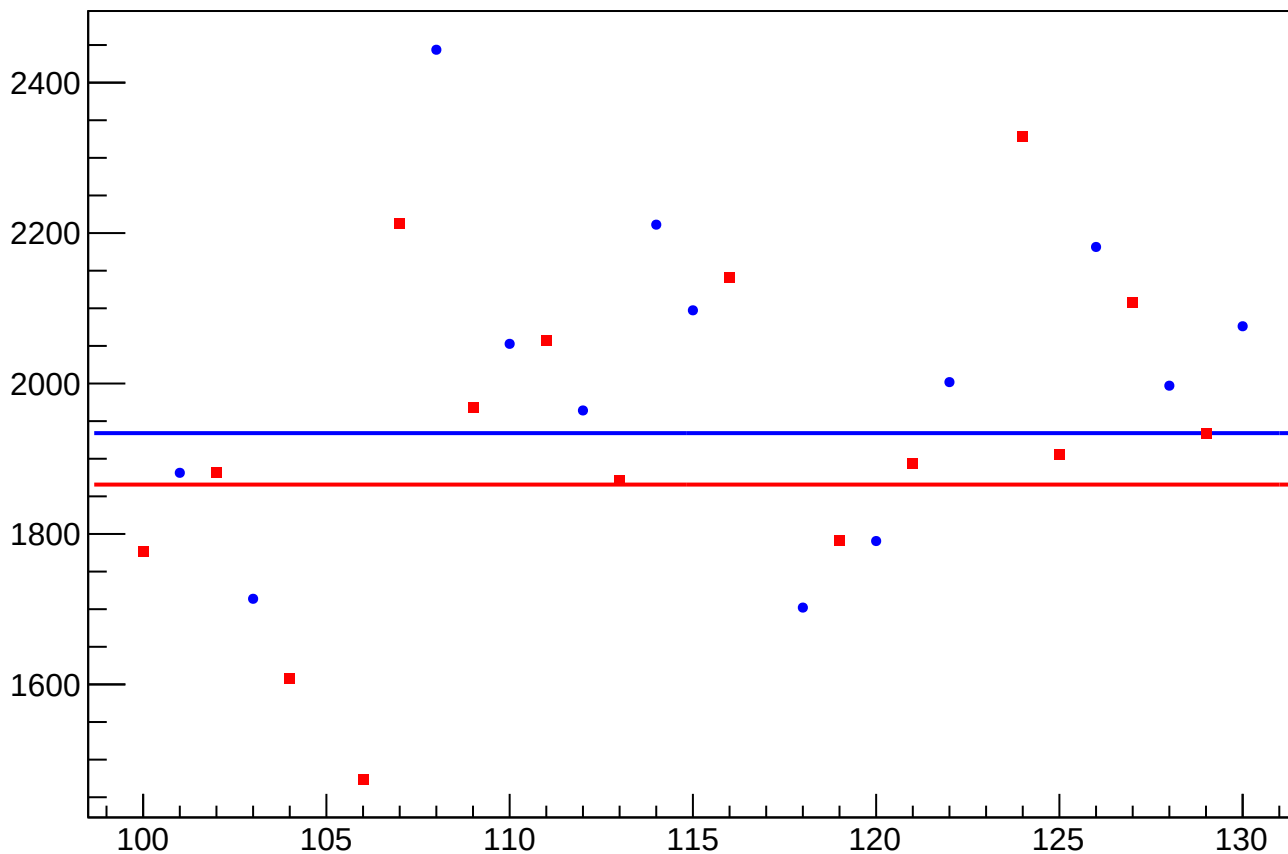
Right: 28.160 $\pm$ 0.565 χ^2 /NDF: 2802.2/27

In: 49.266 $\pm$ 0.828 χ^2 /NDF:861.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 28.160 $\pm$ 0.565 χ^2 /NDF: 2802.2/27

diff_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 1934.049+/-0.585 χ^2/NDF : 104884.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1865.653+/-0.546 χ^2/NDF : 129970.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

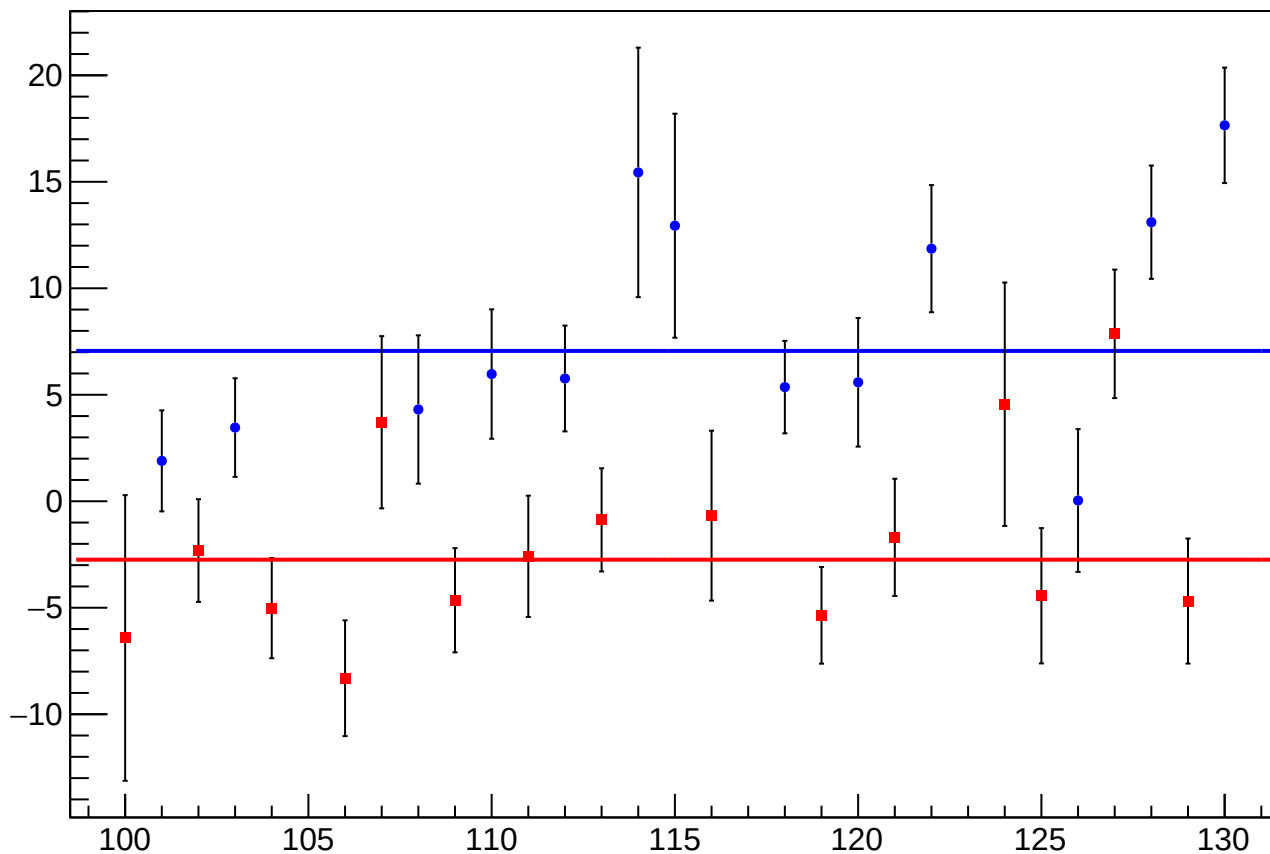
Right: 1897.506+/-0.399 χ^2/NDF : 242154.1/27

In: 1934.049+/-0.585 χ^2/NDF : 104884.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1897.506+/-0.399 χ^2/NDF : 242154.1/27

diff_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 7.059+/-0.795 χ^2/NDF : 39.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.744+/-0.750 χ^2/NDF : 25.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

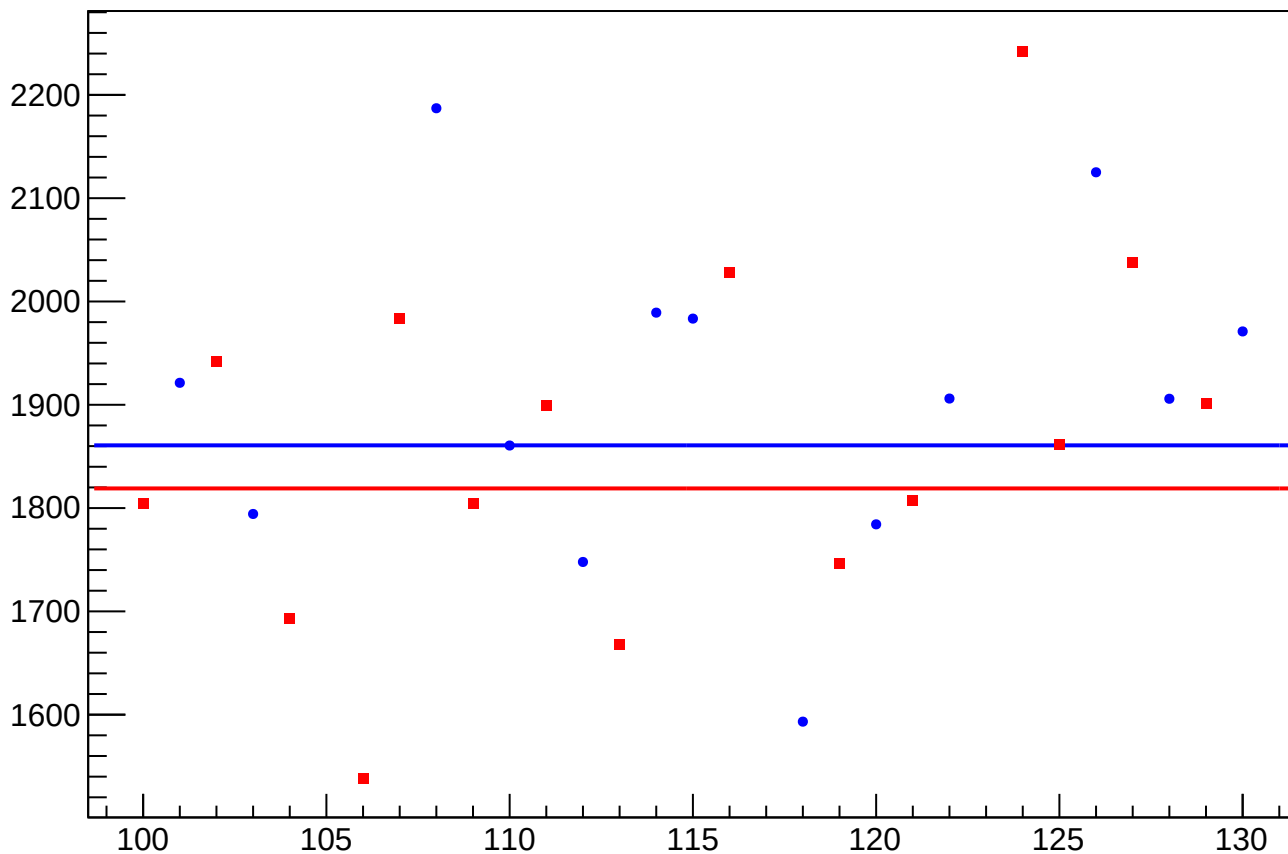
Right: 1.875+/-0.546 χ^2/NDF : 145.8/27

In: 7.059+/-0.795 χ^2/NDF : 39.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.875+/-0.546 χ^2/NDF : 145.8/27

diff_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 1860.726+/-0.562 χ^2/NDF : 75132.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1819.020+/-0.531 χ^2/NDF : 75960.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

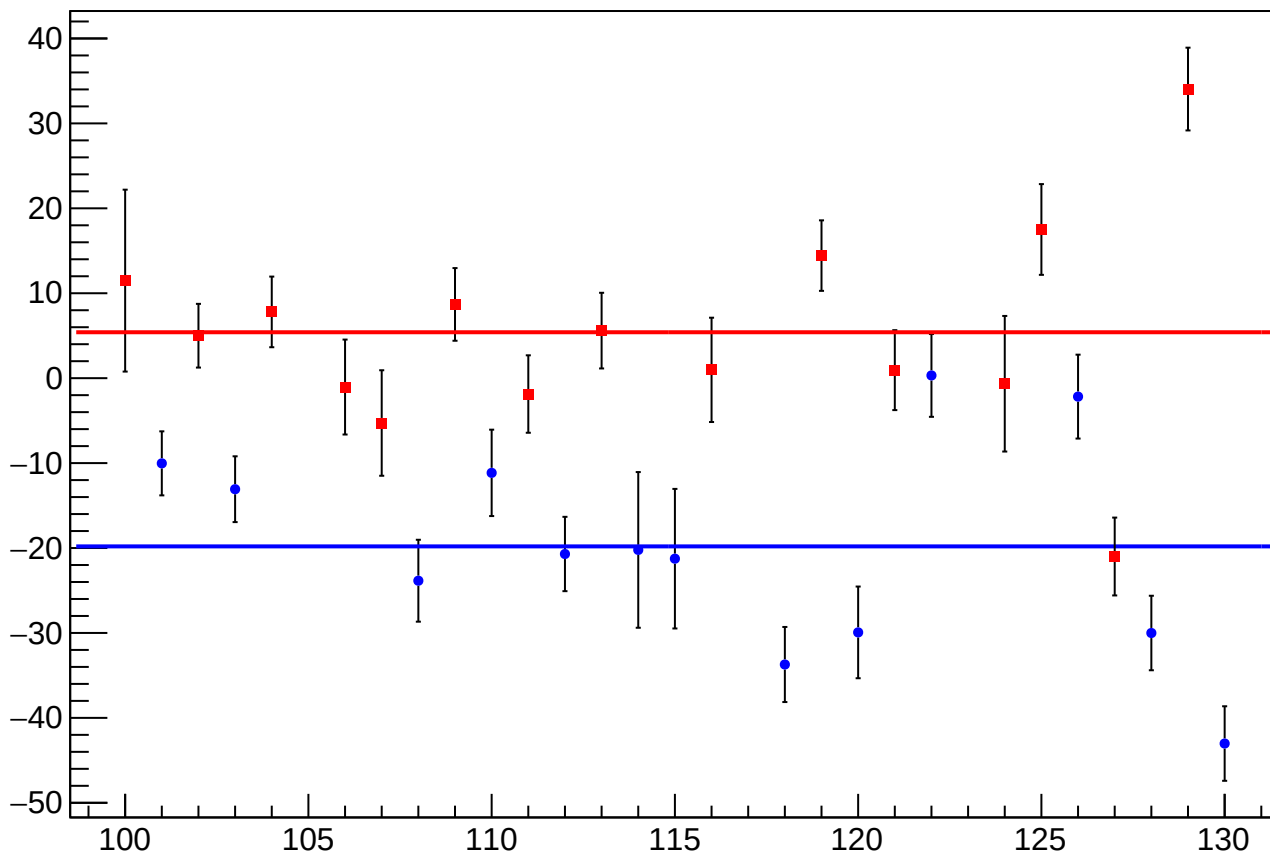
Right: 1838.671+/-0.386 χ^2/NDF : 154005.6/27

In: 1860.726+/-0.562 χ^2/NDF : 75132.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1838.671+/-0.386 χ^2/NDF : 154005.6/27

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -19.807 ± 1.324 $\chi^2/\text{NDF}: 90.0/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 5.408 ± 1.271 $\chi^2/\text{NDF}: 87.7/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

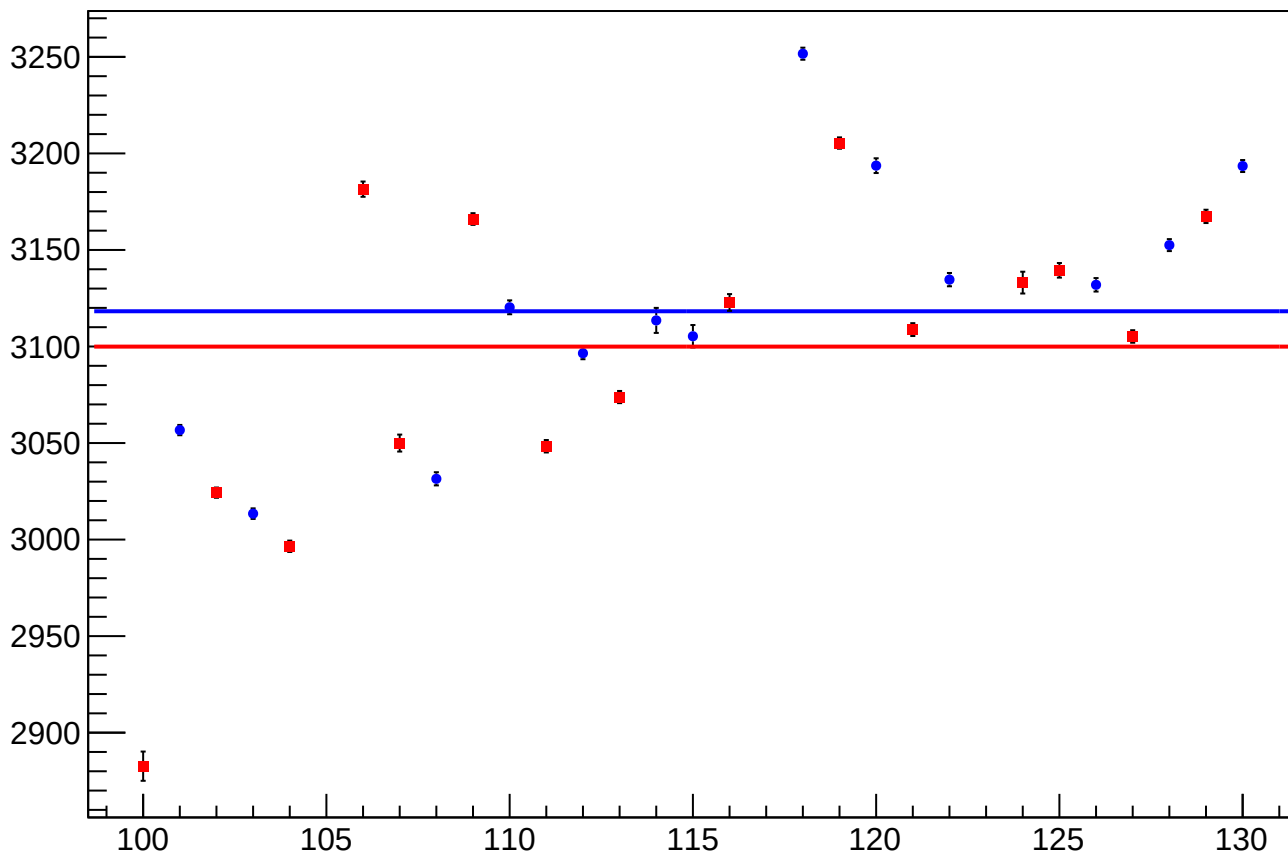
Right: -6.683 ± 0.917 $\chi^2/\text{NDF}: 366.4/27$

In: -19.807 ± 1.324 $\chi^2/\text{NDF}: 90.0/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -6.683 ± 0.917 $\chi^2/\text{NDF}: 366.4/27$

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3118.252 $\pm$ 0.937 χ^2 /NDF: 5659.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3099.942 $\pm$ 0.899 χ^2 /NDF: 6084.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

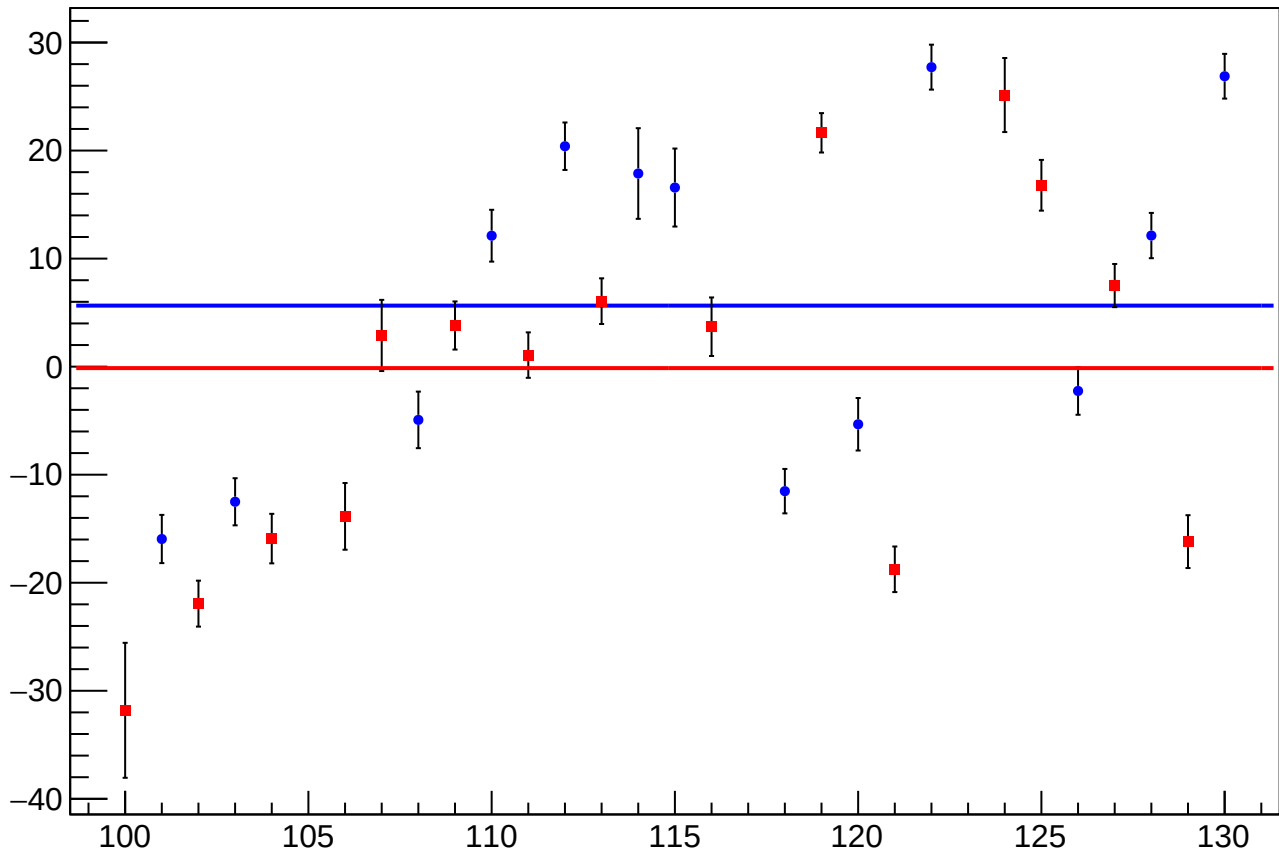
Right: 3108.722 $\pm$ 0.649 χ^2 /NDF: 11943.4/27

In: 3118.252 $\pm$ 0.937 χ^2 /NDF:5659.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3108.722 $\pm$ 0.649 χ^2 /NDF: 11943.4/27

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 5.649+/-0.649 χ^2/NDF : 579.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.135+/-0.616 χ^2/NDF : 597.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

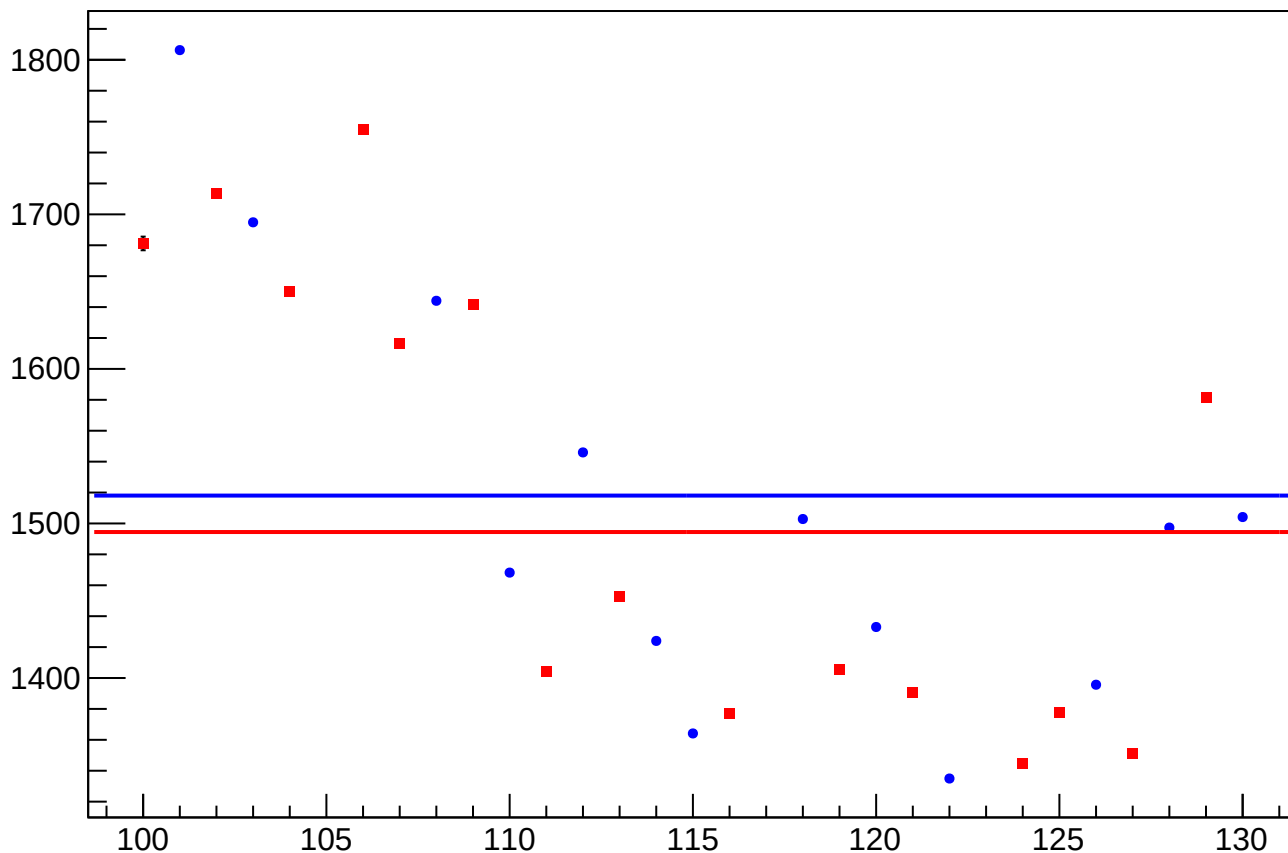
Right: 2.609+/-0.447 χ^2/NDF : 1219.0/27

In: 5.649+/-0.649 χ^2/NDF : 579.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.609+/-0.447 χ^2/NDF : 1219.0/27

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1518.037+/-0.459 χ^2/NDF : 81483.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1494.454+/-0.436 χ^2/NDF : 97278.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

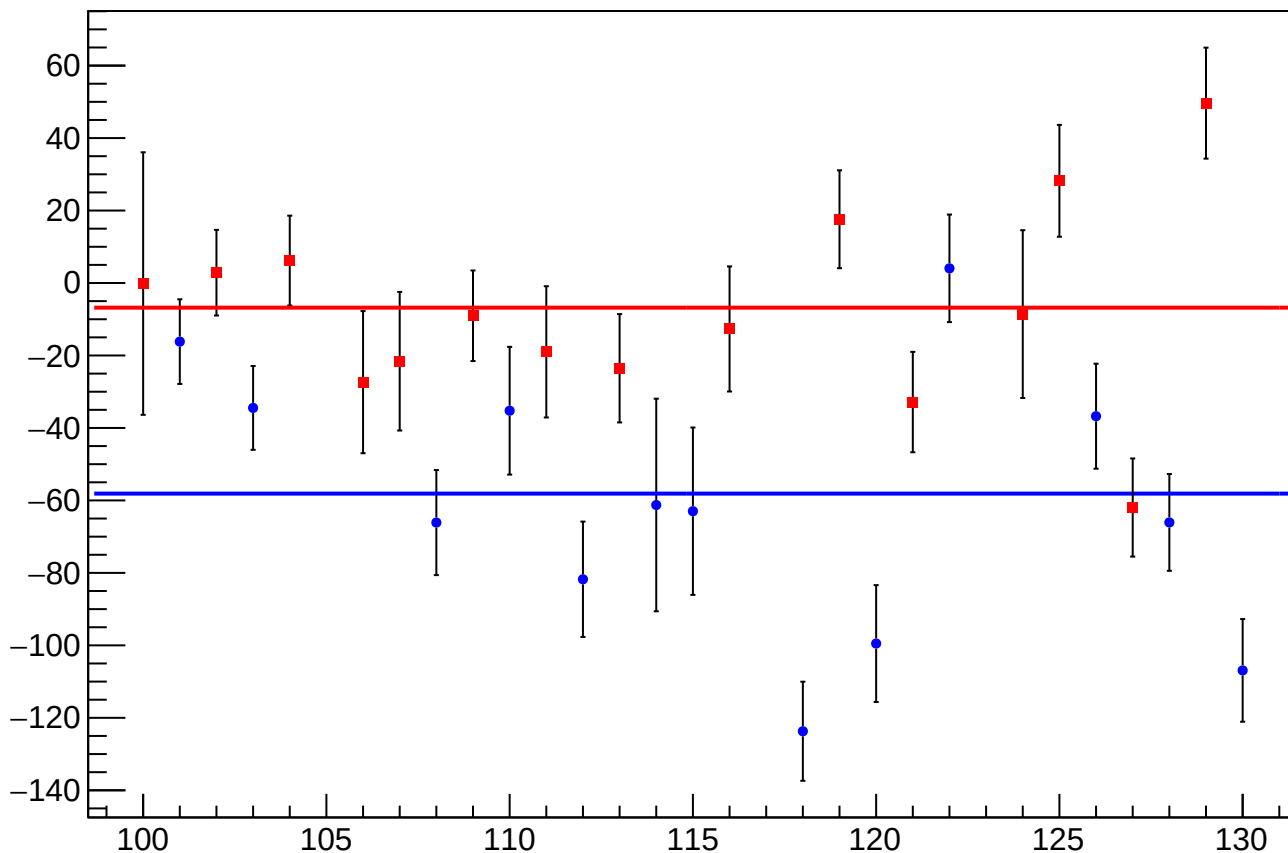
Right: 1505.642+/-0.316 χ^2/NDF : 180150.3/27

In: 1518.037+/-0.459 χ^2/NDF : 81483.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1505.642+/-0.316 χ^2/NDF : 180150.3/27

diff_bpm0l02X_mean vs Slug, Sign Corrected



Right In: -58.120 $\pm$ 4.123 χ^2 /NDF: 82.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -6.801 $\pm$ 3.968 χ^2 /NDF: 47.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

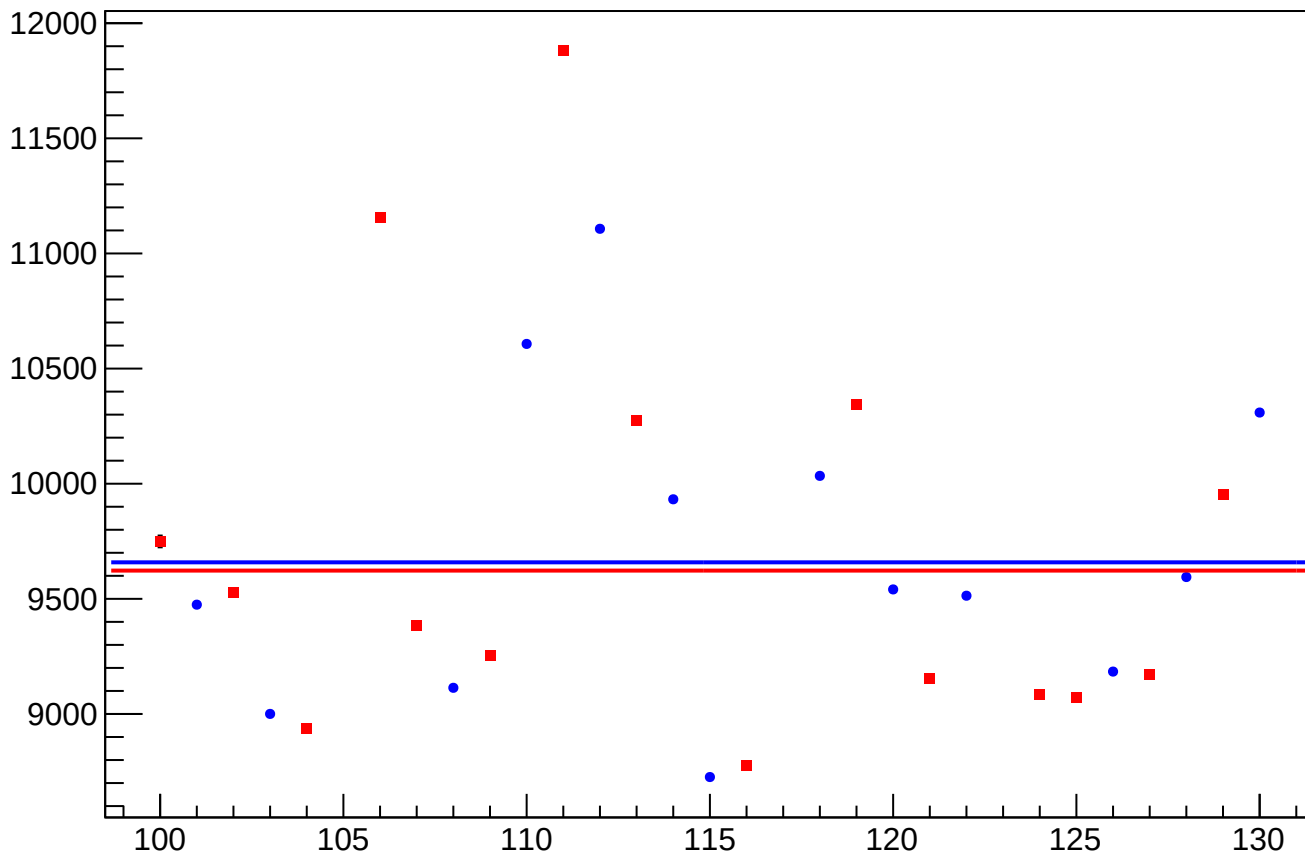
Right: -31.481 $\pm$ 2.859 χ^2 /NDF: 210.7/27

In: -58.120 $\pm$ 4.123 χ^2 /NDF:82.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -31.481 $\pm$ 2.859 χ^2 /NDF: 210.7/27

diff_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 9658.595+/-2.915 χ^2/NDF : 43793.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9622.728+/-2.806 χ^2/NDF : 75123.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

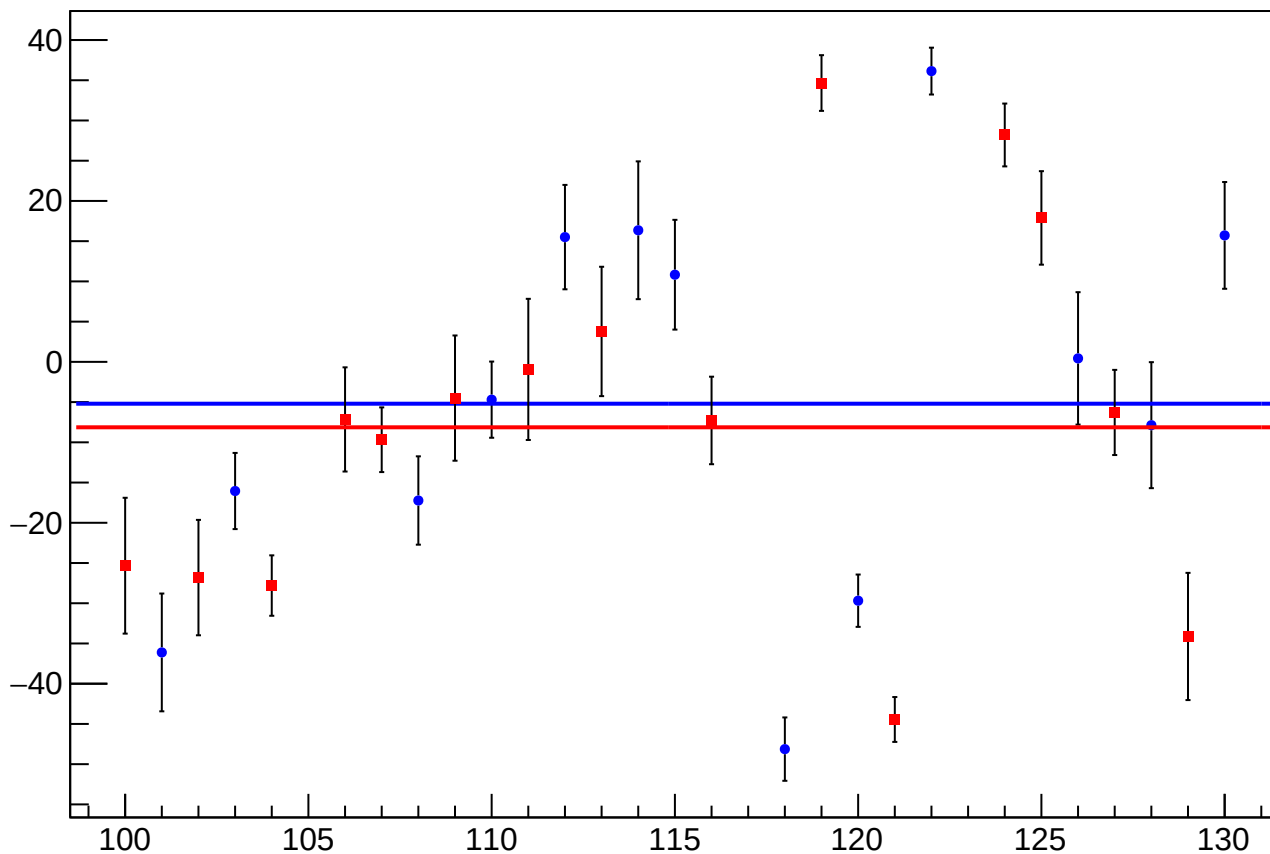
Right: 9639.977+/-2.022 χ^2/NDF : 118995.1/27

In: 9658.595+/-2.915 χ^2/NDF : 43793.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9639.977+/-2.022 χ^2/NDF : 118995.1/27

diff_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: -5.201+/-1.373 χ^2 /NDF: 437.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -8.133+/-1.262 χ^2 /NDF: 481.6/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

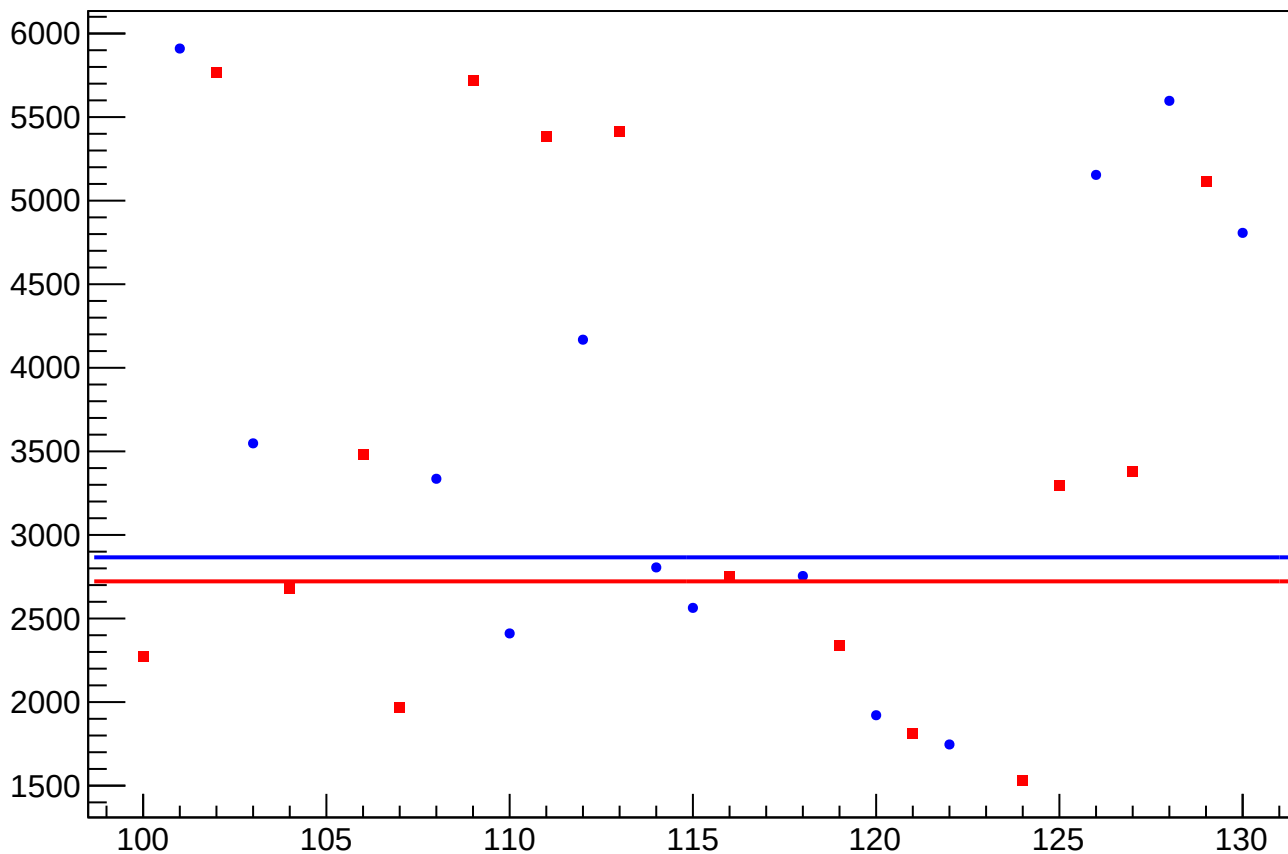
Right: -6.790+/-0.929 χ^2 /NDF: 921.7/27

In: -5.201+/-1.373 χ^2 /NDF:437.6/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -6.790+/-0.929 χ^2 /NDF: 921.7/27

diff_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 2866.024+/-0.971 χ^2/NDF : 1540638.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2722.276+/-0.892 χ^2/NDF : 1824847.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

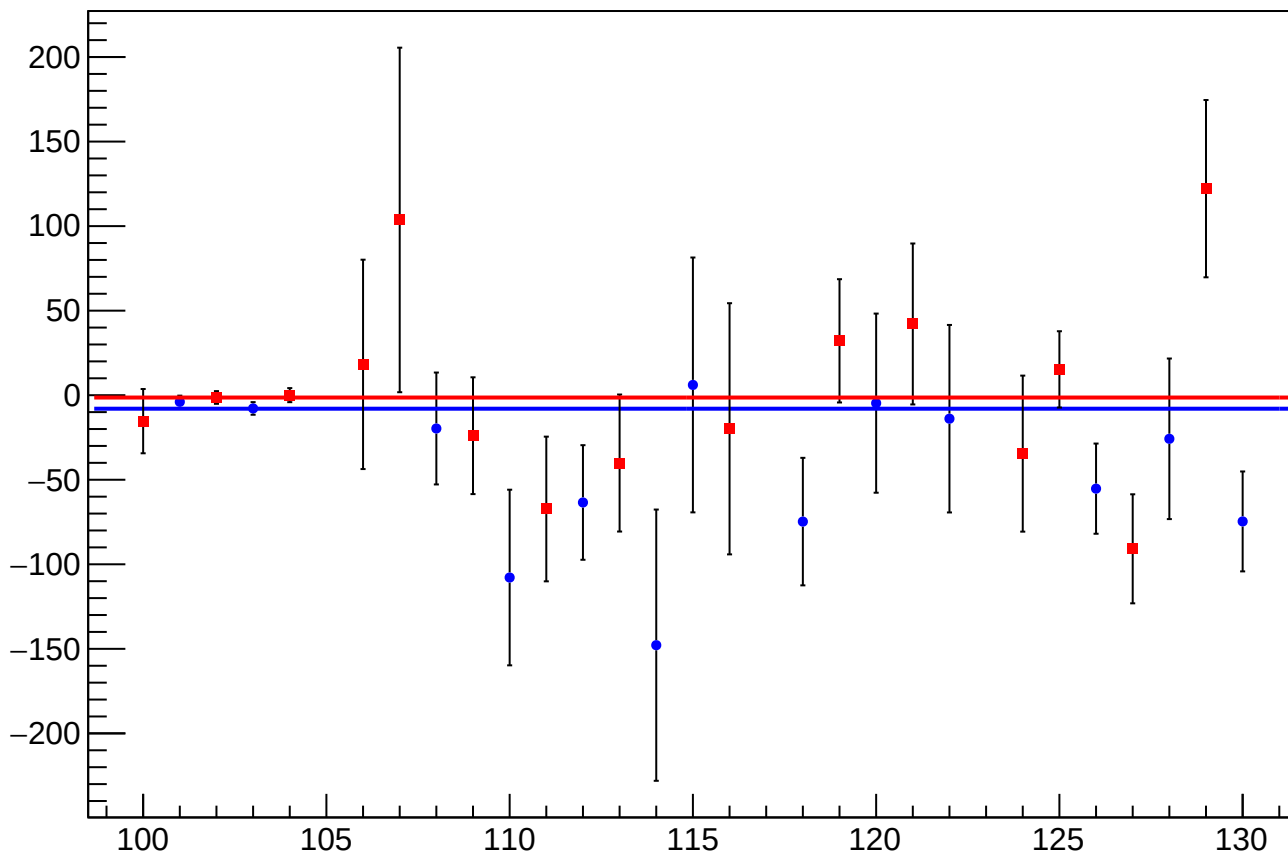
Right: 2788.129+/-0.657 χ^2/NDF : 3377373.1/27

In: 2866.024+/-0.971 χ^2/NDF : 1540638.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2788.129+/-0.657 χ^2/NDF : 3377373.1/27

diff_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -7.986 ± 2.556 χ^2/NDF : 22.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.377 ± 2.681 χ^2/NDF : 21.6/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

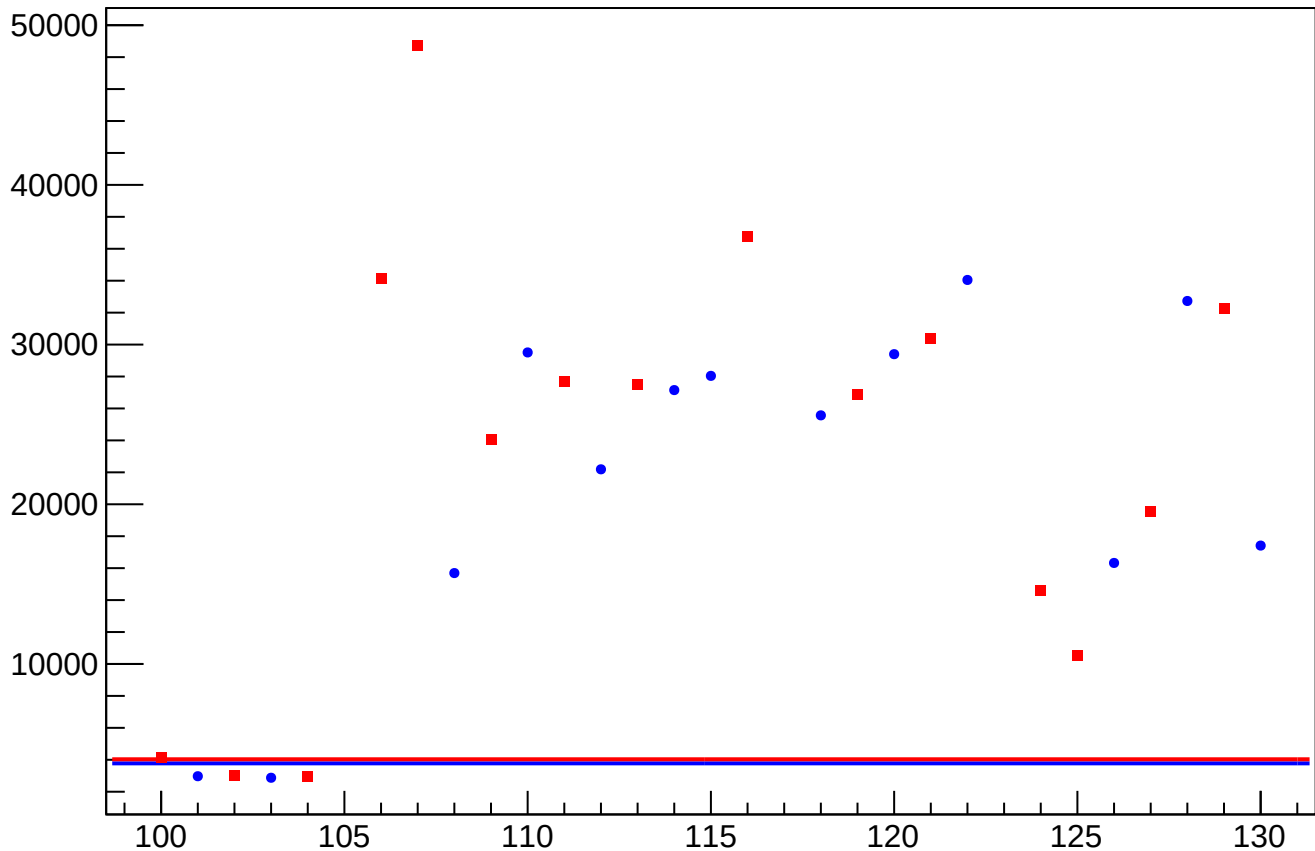
Right: -4.839 ± 1.850 χ^2/NDF : 47.1/27

In: -7.986 ± 2.556 χ^2/NDF : 22.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.839 ± 1.850 χ^2/NDF : 47.1/27

diff_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 3776.986+/-1.807 χ^2/NDF : 5275719.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4031.469+/-1.896 χ^2/NDF : 6193579.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

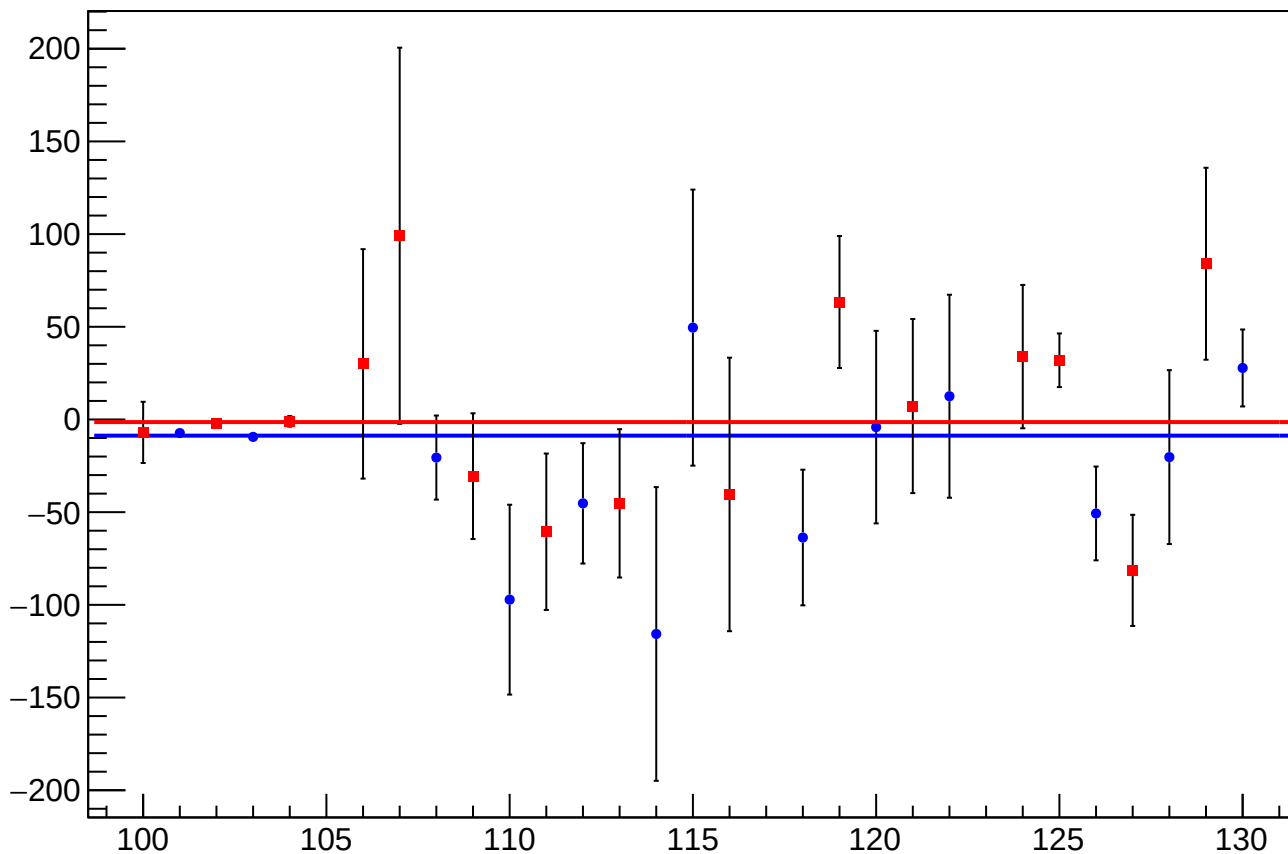
Right: 3898.161+/-1.308 χ^2/NDF : 11478737.7/27

In: 3776.986+/-1.807 χ^2/NDF : 5275719.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3898.161+/-1.308 χ^2/NDF : 11478737.7/27

diff_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: -8.726+/-1.763 χ^2/NDF : 15.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.403+/-1.855 χ^2/NDF : 25.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

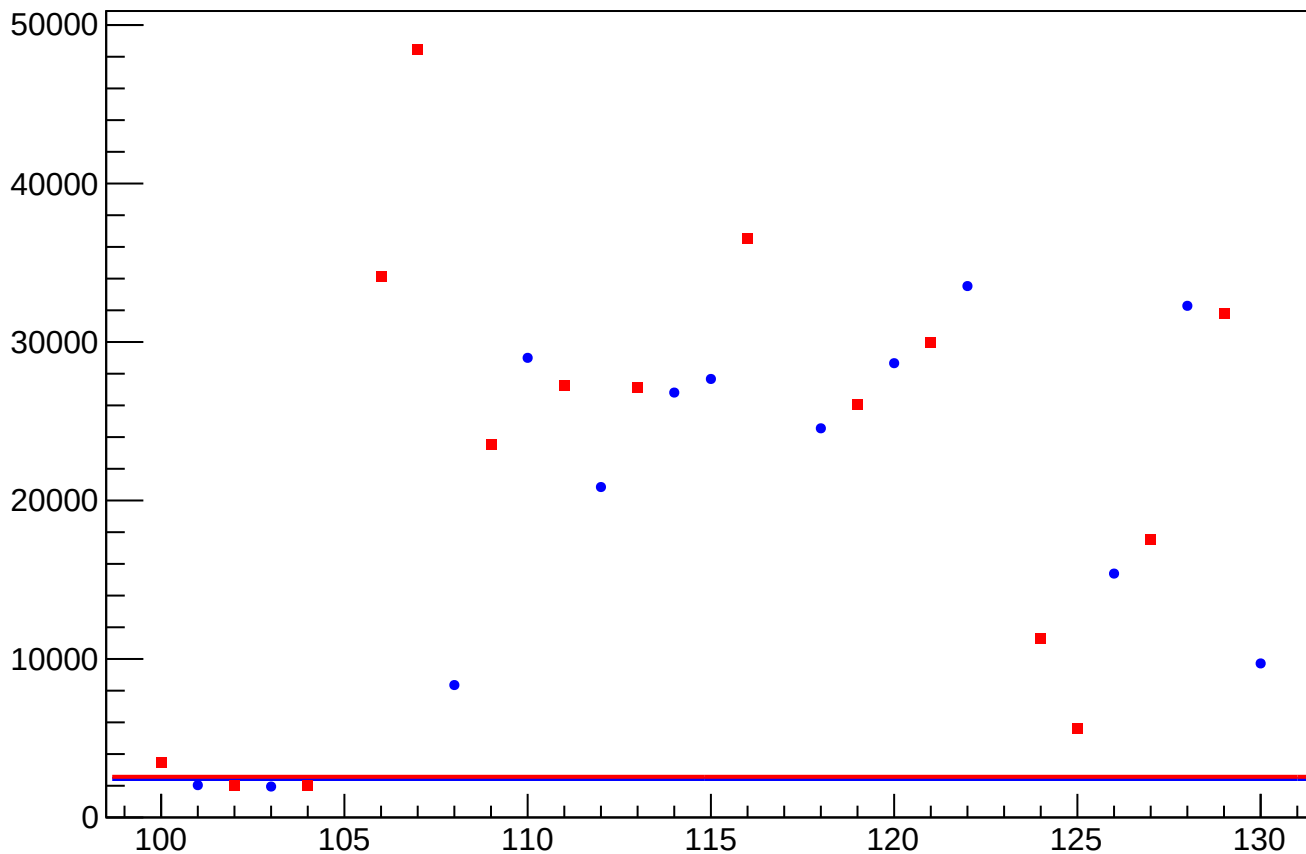
Right: -5.250+/-1.278 χ^2/NDF : 48.8/27

In: -8.726+/-1.763 χ^2/NDF : 15.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.250+/-1.278 χ^2/NDF : 48.8/27

diff_bpm0l03Y_rms vs Slug, Sign Corrected



Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right: 2493.005 ± 0.904 χ^2/NDF : 11933997.7/27

In: 2427.099 ± 1.247 χ^2/NDF : 5325314.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 2493.005 ± 0.904 χ^2/NDF : 11933997.7/27

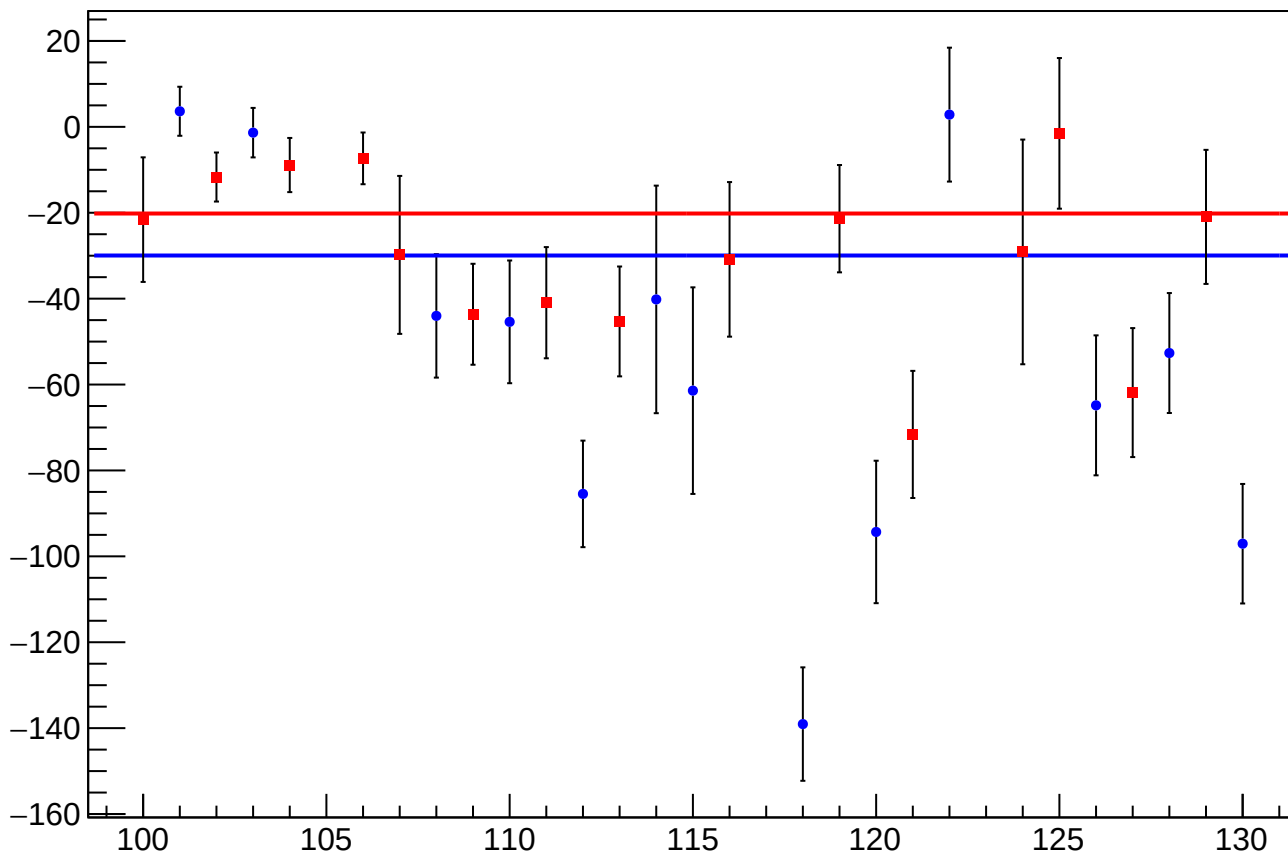
Right In: 2427.099 ± 1.247 χ^2/NDF : 5325314.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2565.962 ± 1.312 χ^2/NDF : 6602795.0/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -29.956 ± 3.046 χ^2/NDF : 201.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -20.179 ± 2.694 χ^2/NDF : 42.1/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

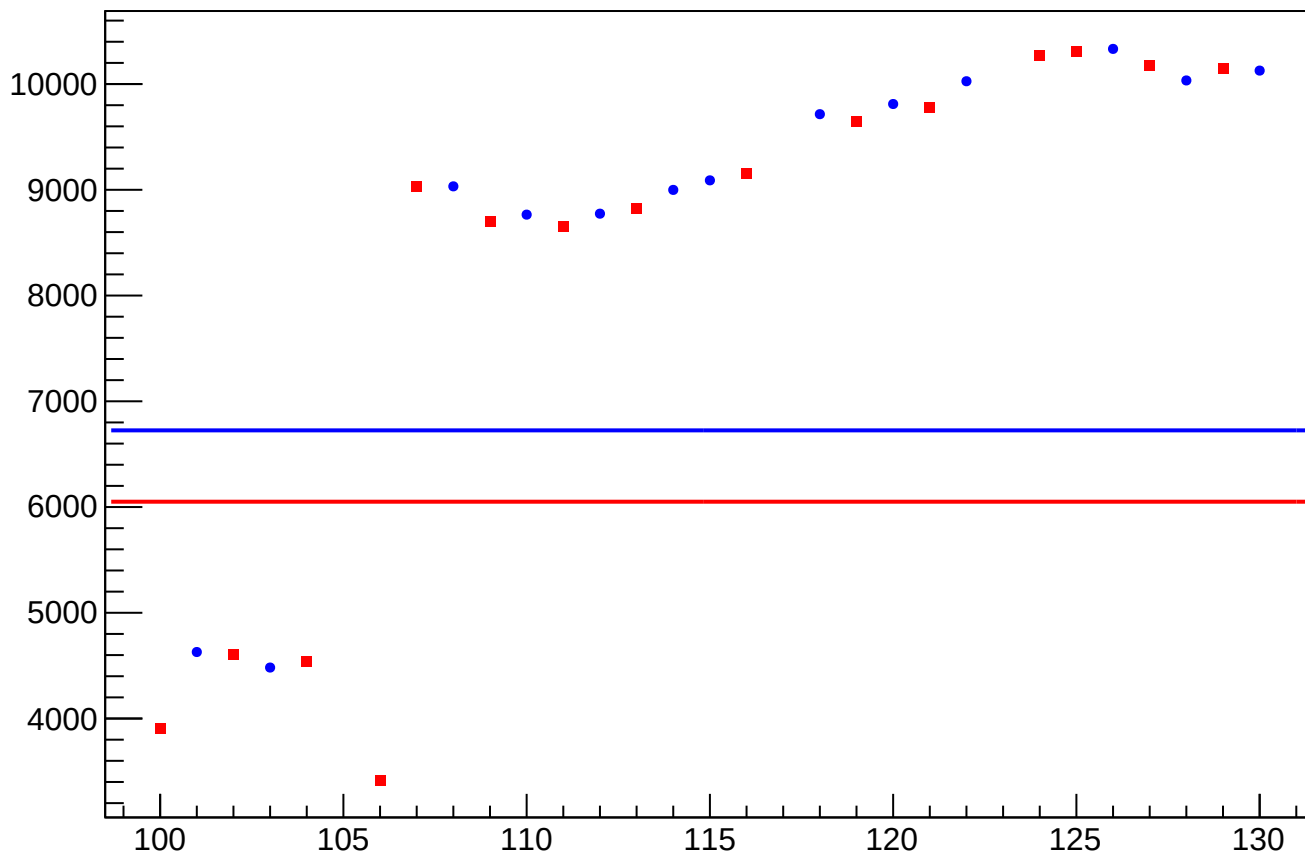
Right: -24.470 ± 2.018 χ^2/NDF : 249.3/27

In: -29.956 ± 3.046 χ^2/NDF : 201.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -24.470 ± 2.018 χ^2/NDF : 249.3/27

diff_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 6725.048+/-2.154 χ^2/NDF : 1345133.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6050.447+/-1.905 χ^2/NDF : 1808788.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

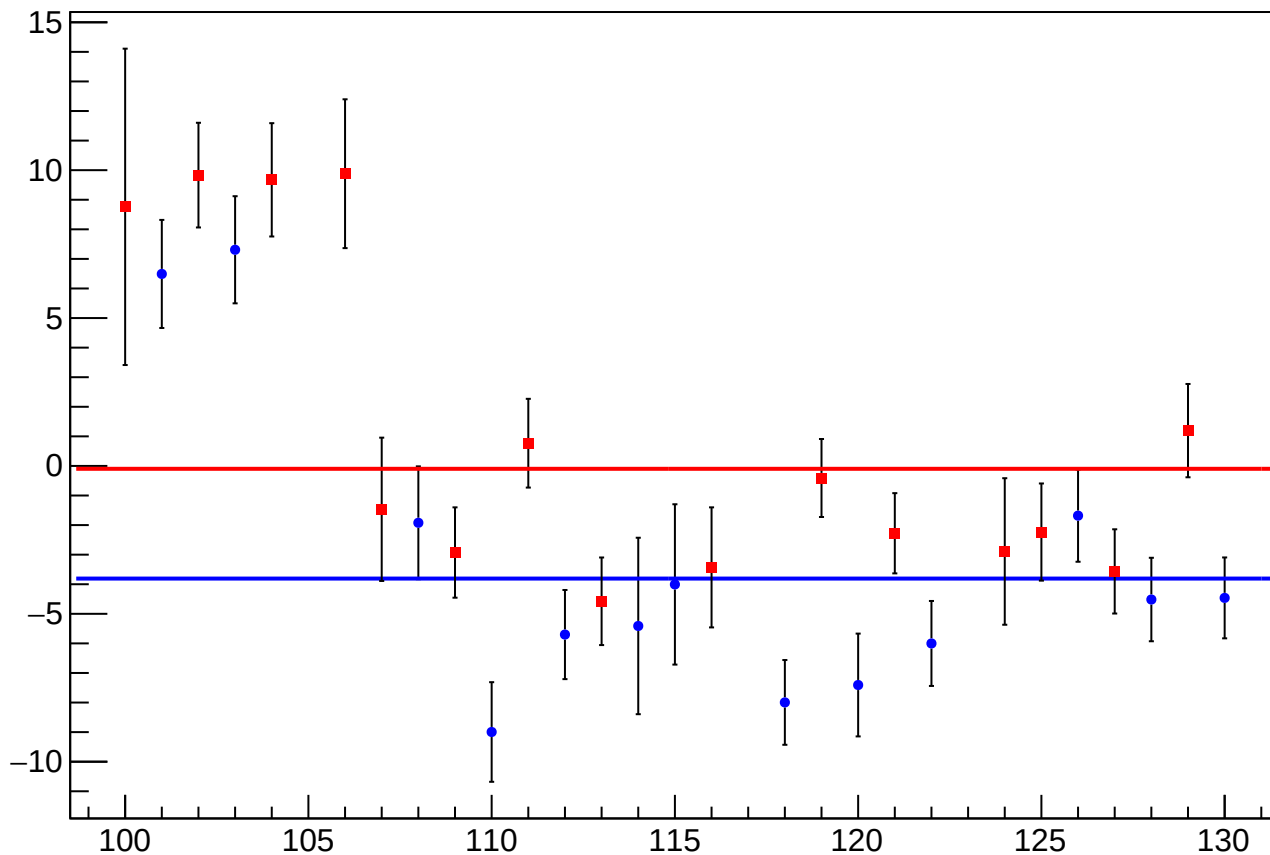
Right: 6346.537+/-1.427 χ^2/NDF : 3208948.4/27

In: 6725.048+/-2.154 χ^2/NDF : 1345133.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6346.537+/-1.427 χ^2/NDF : 3208948.4/27

diff_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -3.808+/-0.463 χ^2/NDF : 99.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.097+/-0.444 χ^2/NDF : 104.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

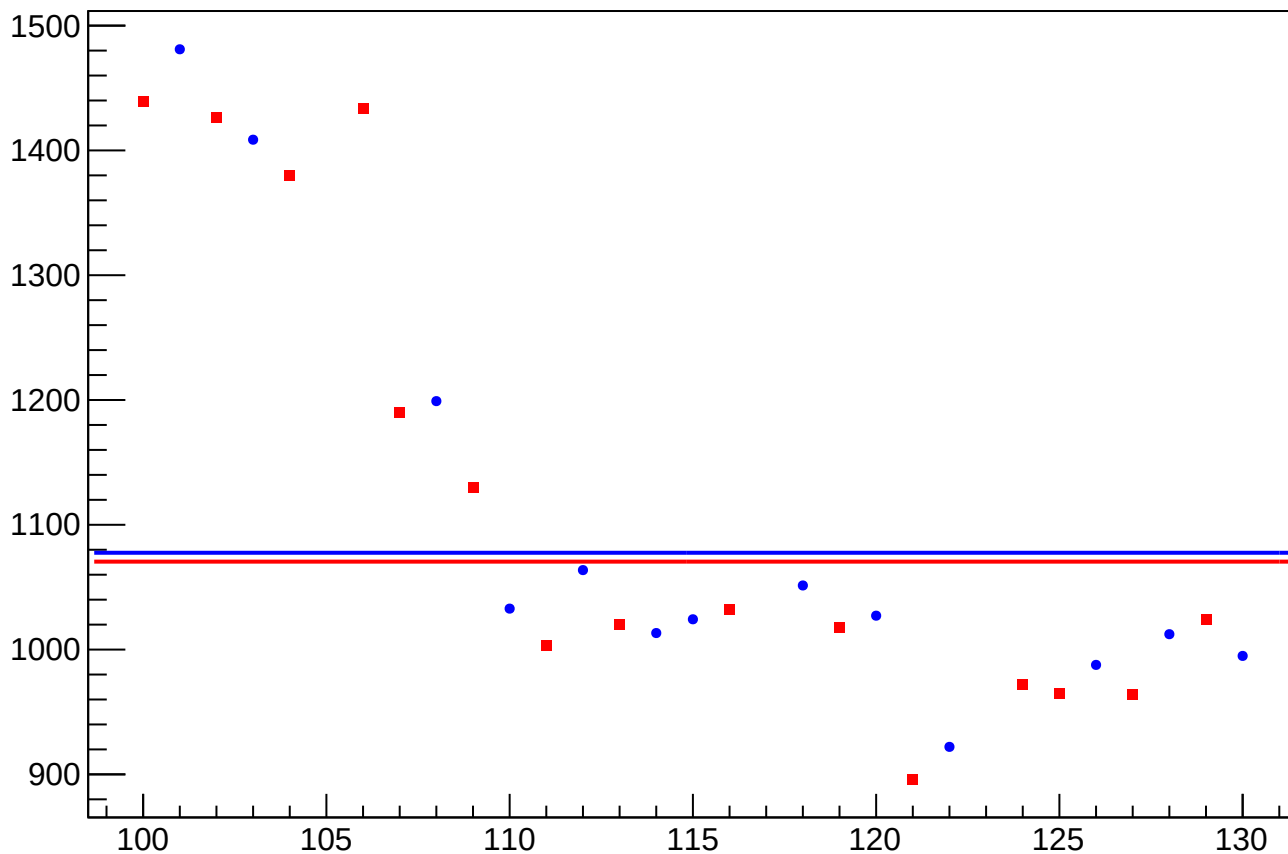
Right: -1.876+/-0.320 χ^2/NDF : 236.9/27

In: -3.808+/-0.463 χ^2/NDF : 99.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.876+/-0.320 χ^2/NDF : 236.9/27

diff_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 1077.586+/-0.327 χ^2/NDF : 219762.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1070.475+/-0.314 χ^2/NDF : 260056.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

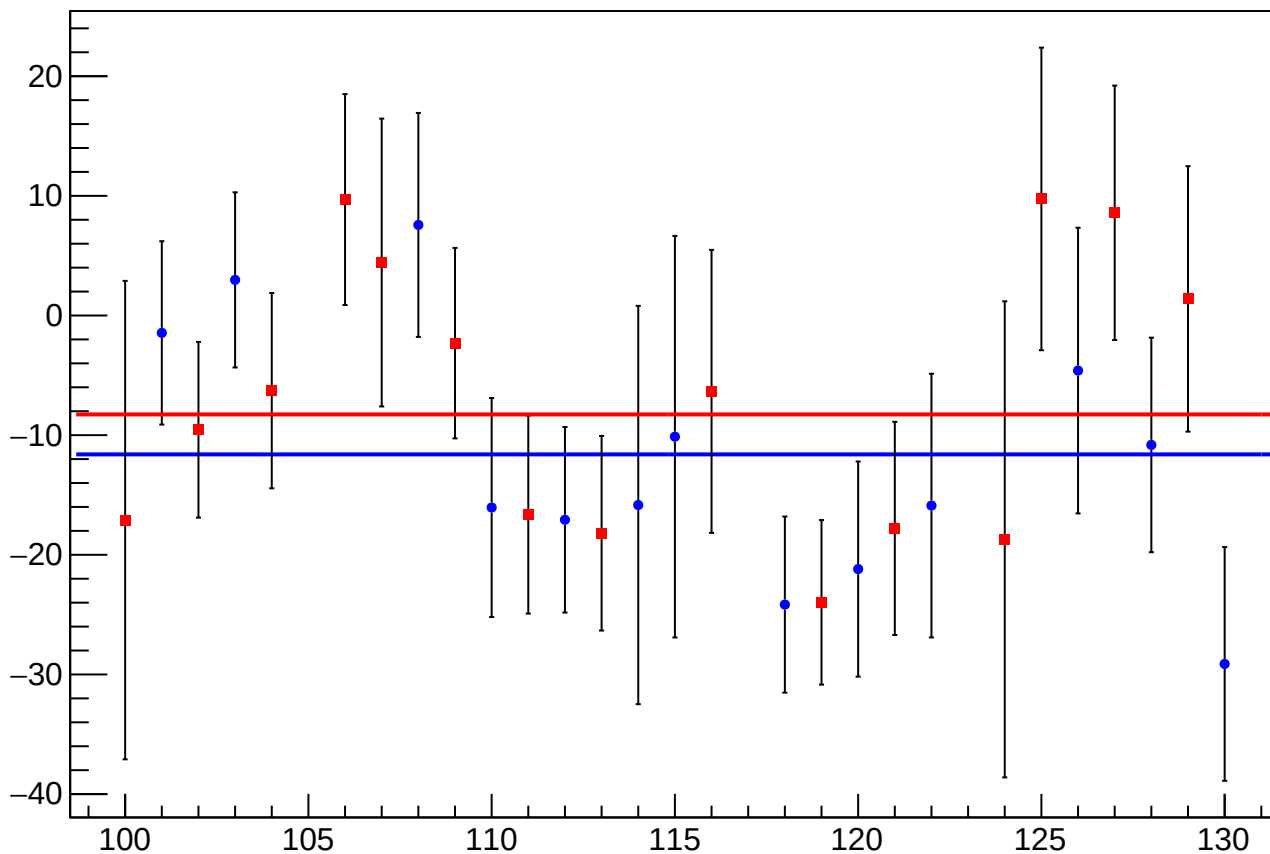
Right: 1073.884+/-0.226 χ^2/NDF : 480065.5/27

In: 1077.586+/-0.327 χ^2/NDF : 219762.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1073.884+/-0.226 χ^2/NDF : 480065.5/27

diff_bpm0l05X_mean vs Slug, Sign Corrected



Right In: -11.608 $\pm$ 2.566 χ^2 /NDF: 18.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -8.269 $\pm$ 2.440 χ^2 /NDF: 20.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

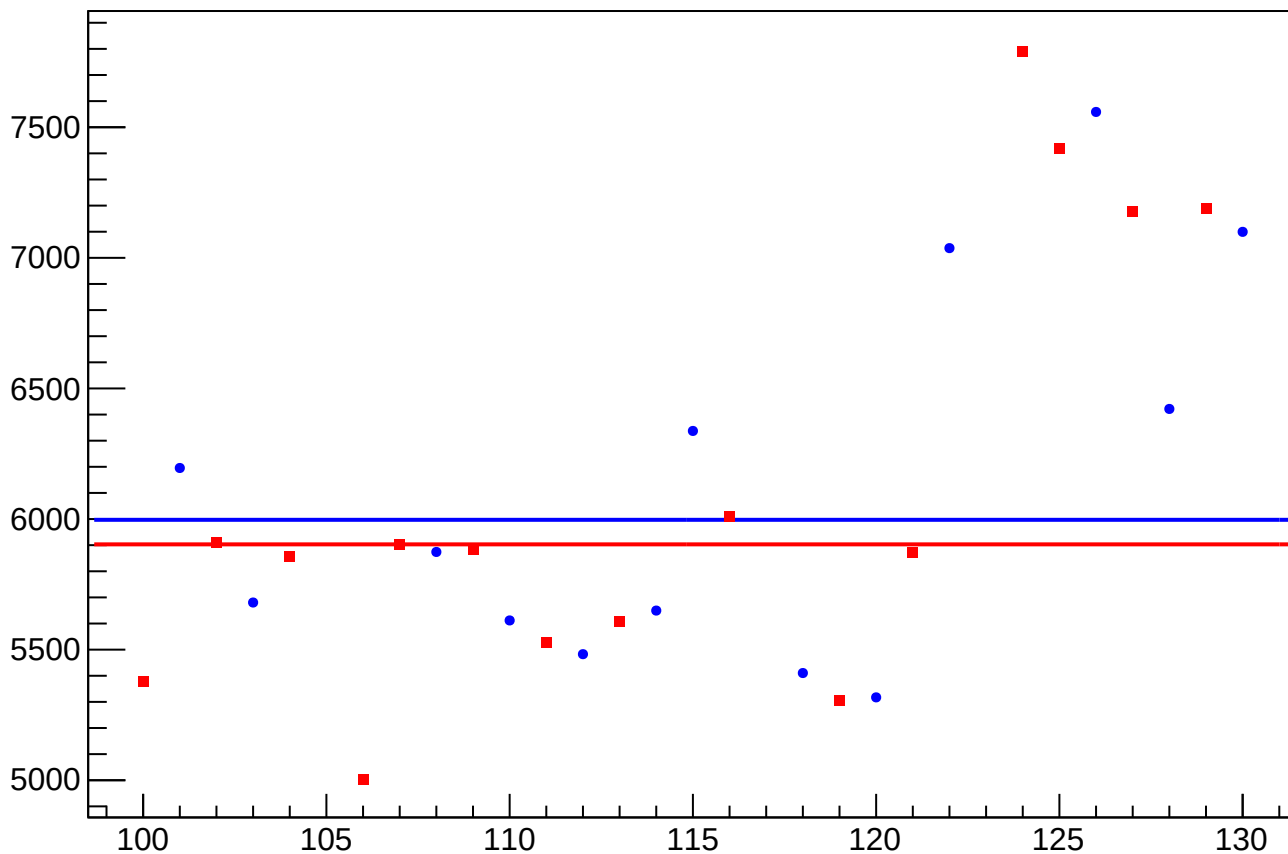
Right: -9.854 $\pm$ 1.768 χ^2 /NDF: 40.0/27

In: -11.608 $\pm$ 2.566 χ^2 /NDF:18.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -9.854 $\pm$ 1.768 χ^2 /NDF: 40.0/27

diff_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 5997.059+/-1.815 χ^2/NDF : 125606.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5903.084+/-1.725 χ^2/NDF : 146572.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

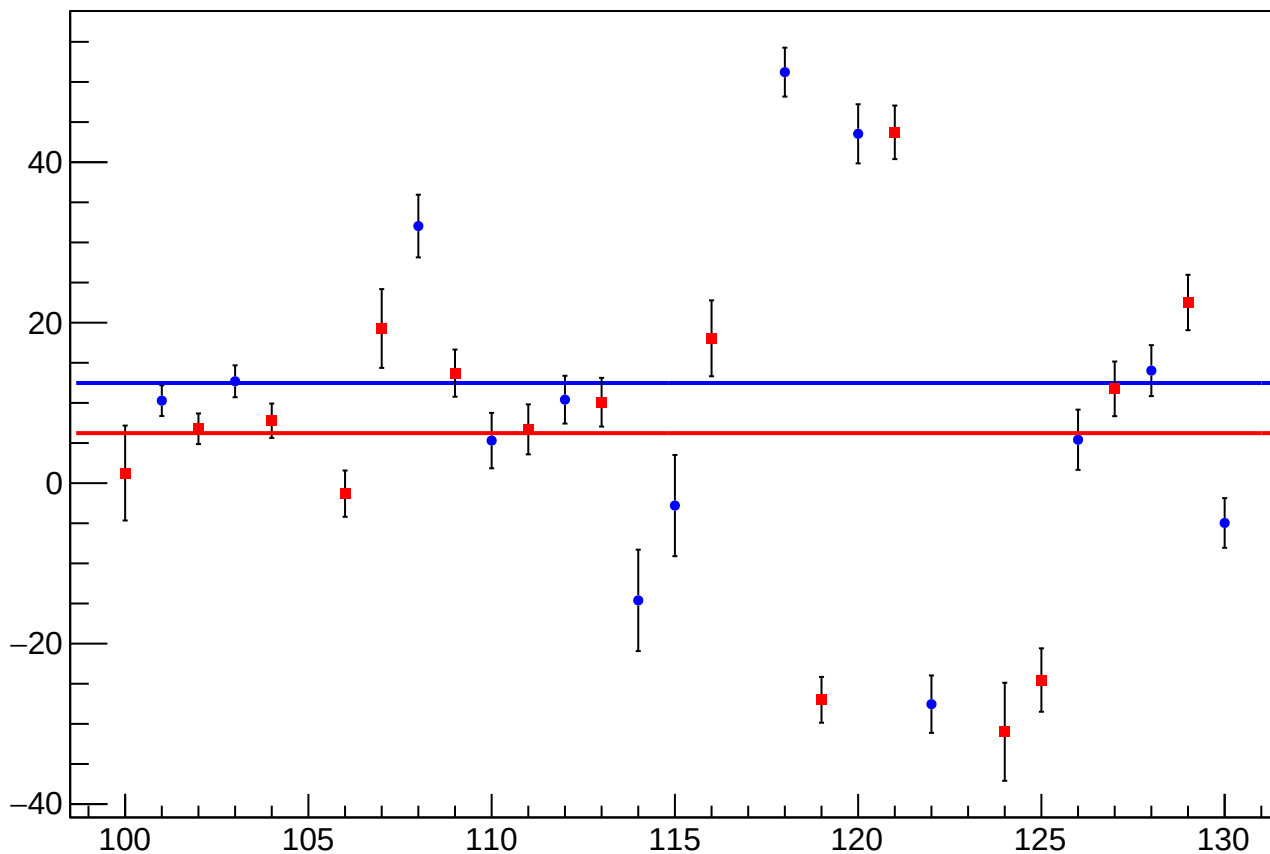
Right: 5947.697+/-1.250 χ^2/NDF : 273587.6/27

In: 5997.059+/-1.815 χ^2/NDF : 125606.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5947.697+/-1.250 χ^2/NDF : 273587.6/27

diff_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 12.482+/-0.854 χ^2/NDF : 448.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 6.234+/-0.809 χ^2/NDF : 413.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

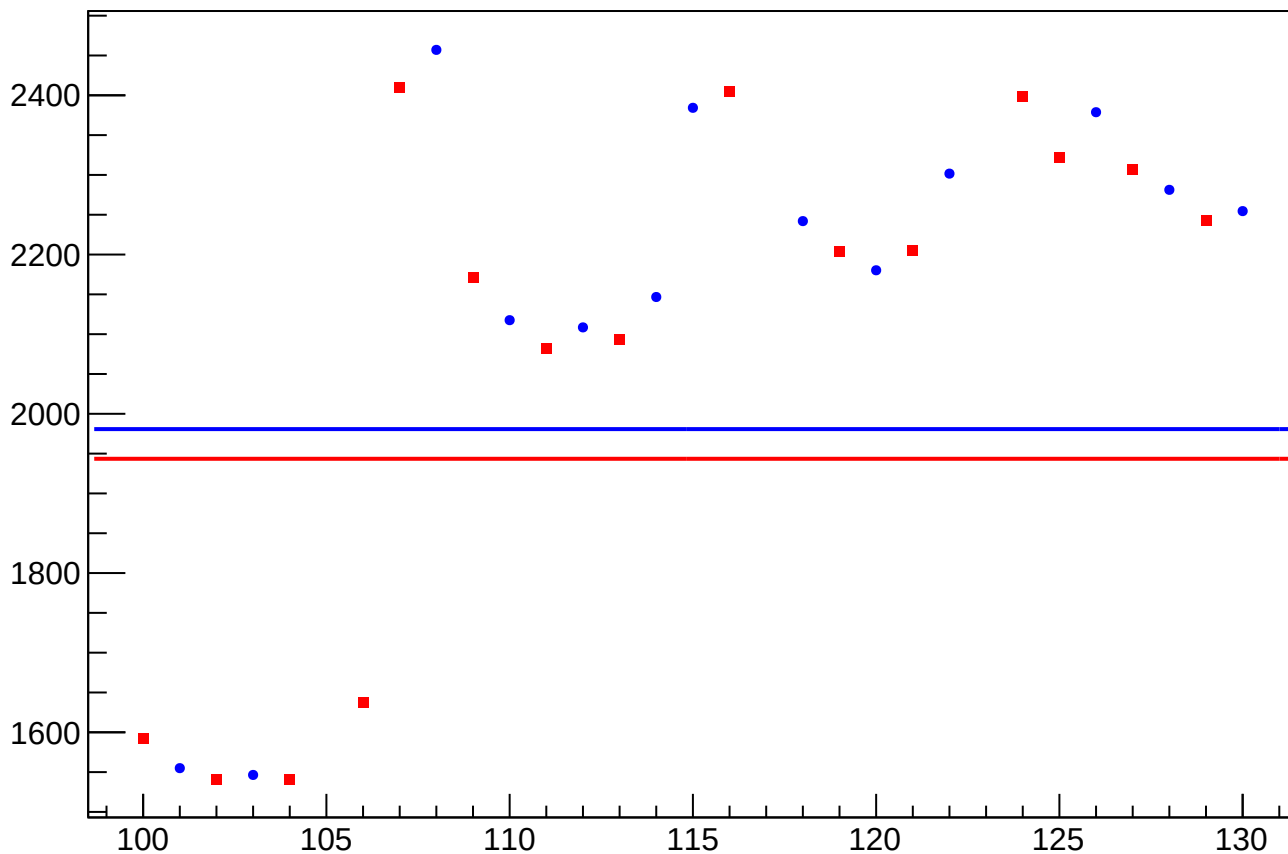
Right: 9.188+/-0.587 χ^2/NDF : 890.4/27

In: 12.482+/-0.854 χ^2/NDF :448.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 9.188+/-0.587 χ^2/NDF : 890.4/27

diff_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 1980.779+/-0.604 χ^2/NDF : 332829.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1943.507+/-0.572 χ^2/NDF : 343459.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

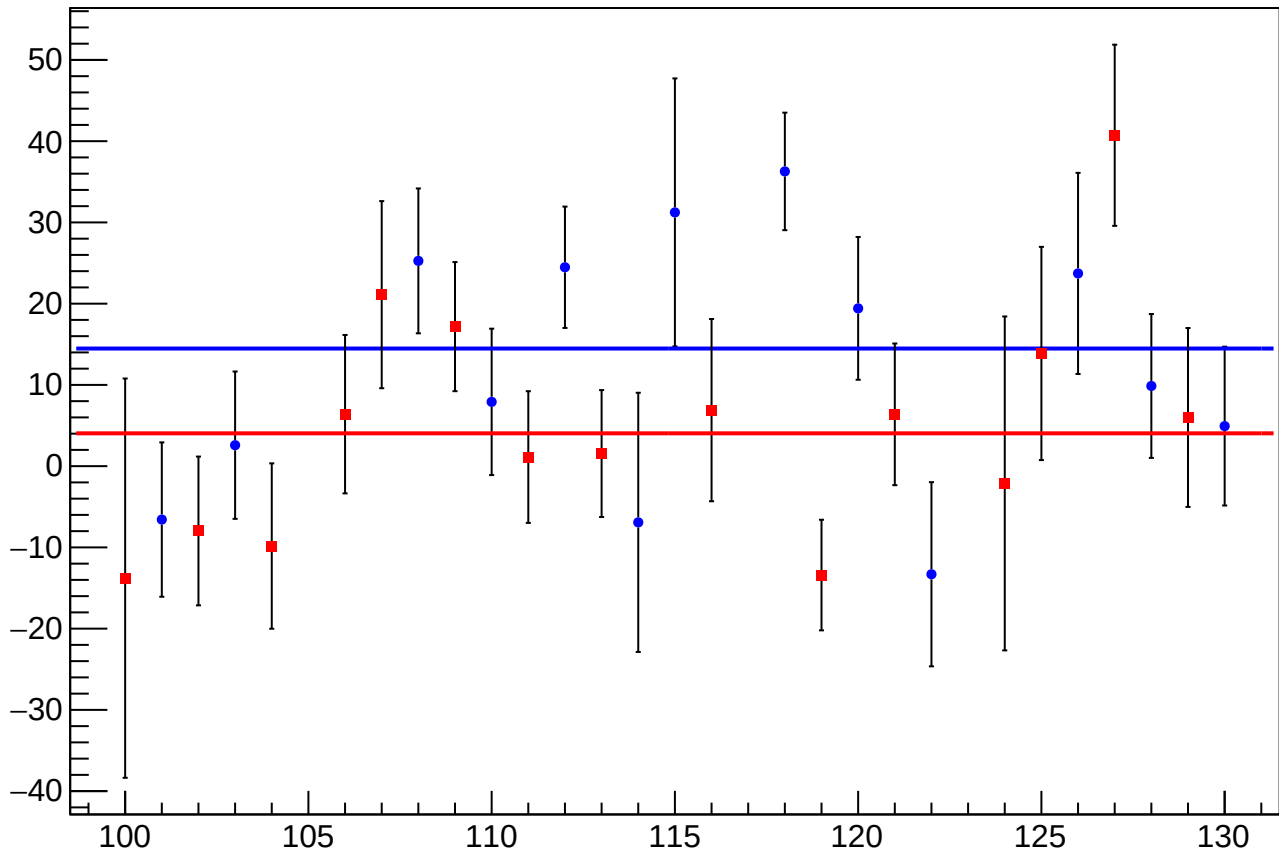
Right: 1961.130+/-0.415 χ^2/NDF : 678296.8/27

In: 1980.779+/-0.604 χ^2/NDF : 332829.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1961.130+/-0.415 χ^2/NDF : 678296.8/27

diff_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 14.478+/-2.642 χ^2/NDF : 30.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.041+/-2.533 χ^2/NDF : 27.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

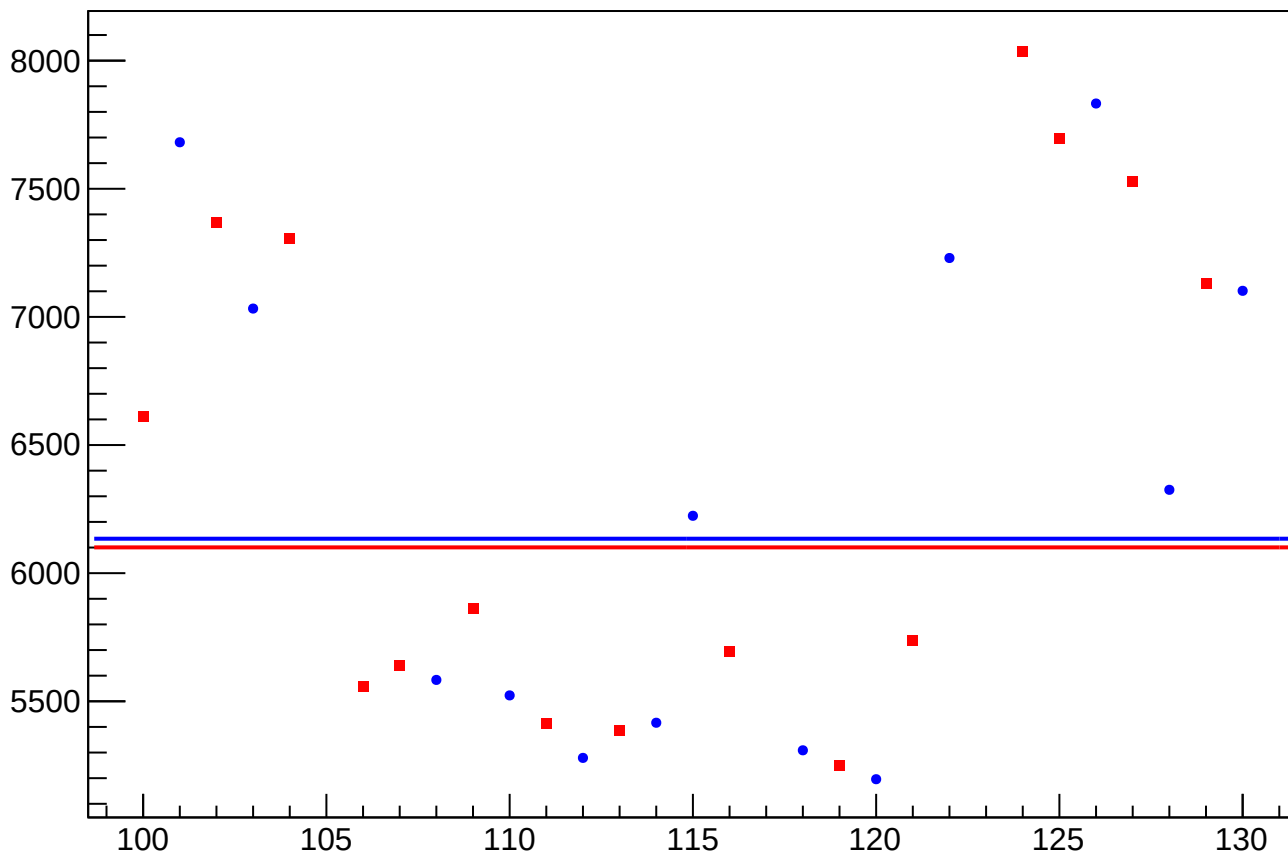
Right: 9.039+/-1.828 χ^2/NDF : 66.1/27

In: 14.478+/-2.642 χ^2/NDF : 30.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.039+/-1.828 χ^2/NDF : 66.1/27

diff_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 6134.465+/-1.868 χ^2/NDF : 245578.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 6100.628+/-1.791 χ^2/NDF : 244483.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

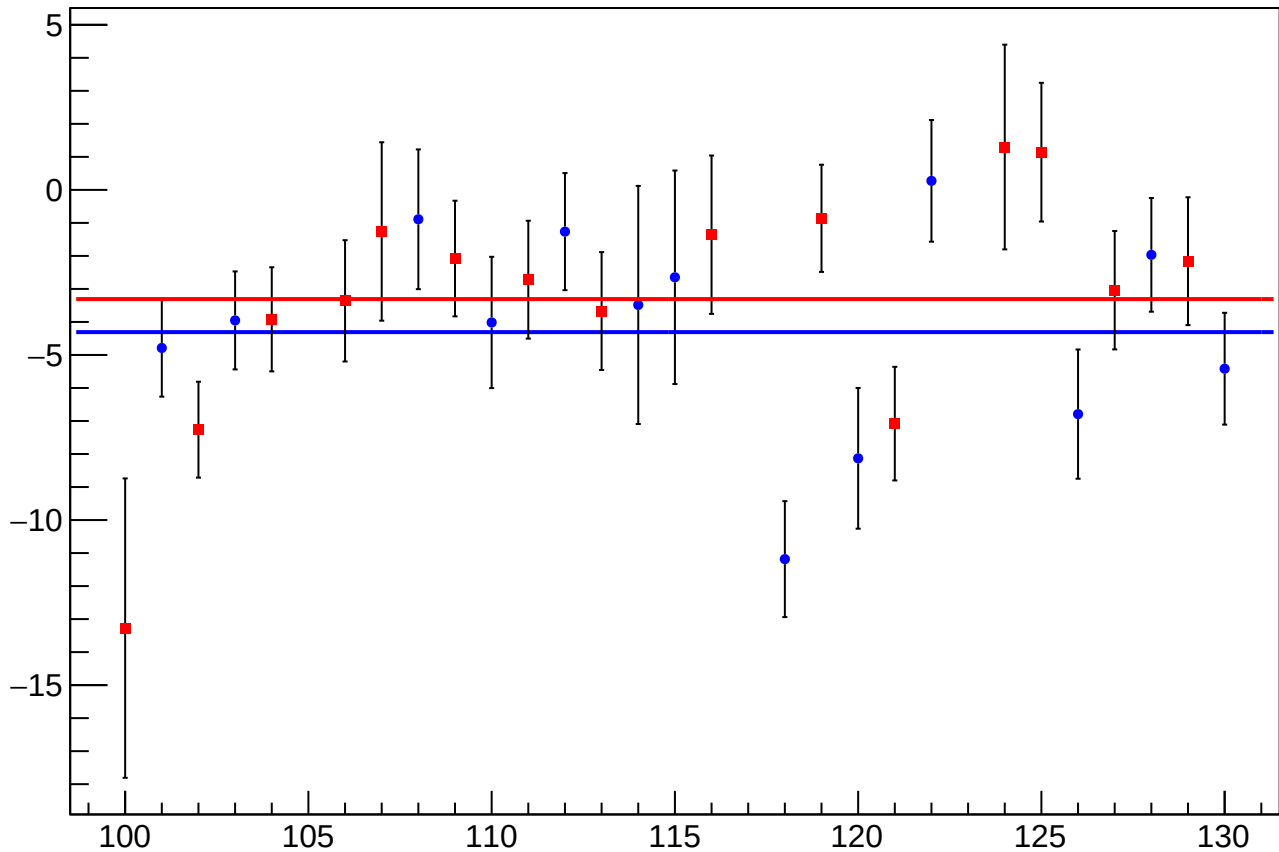
Right: 6116.832+/-1.293 χ^2/NDF : 490233.5/27

In: 6134.465+/-1.868 χ^2/NDF :245578.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6116.832+/-1.293 χ^2/NDF : 490233.5/27

diff_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -4.308 ± 0.522 χ^2/NDF : 34.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.307 ± 0.493 χ^2/NDF : 28.4/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

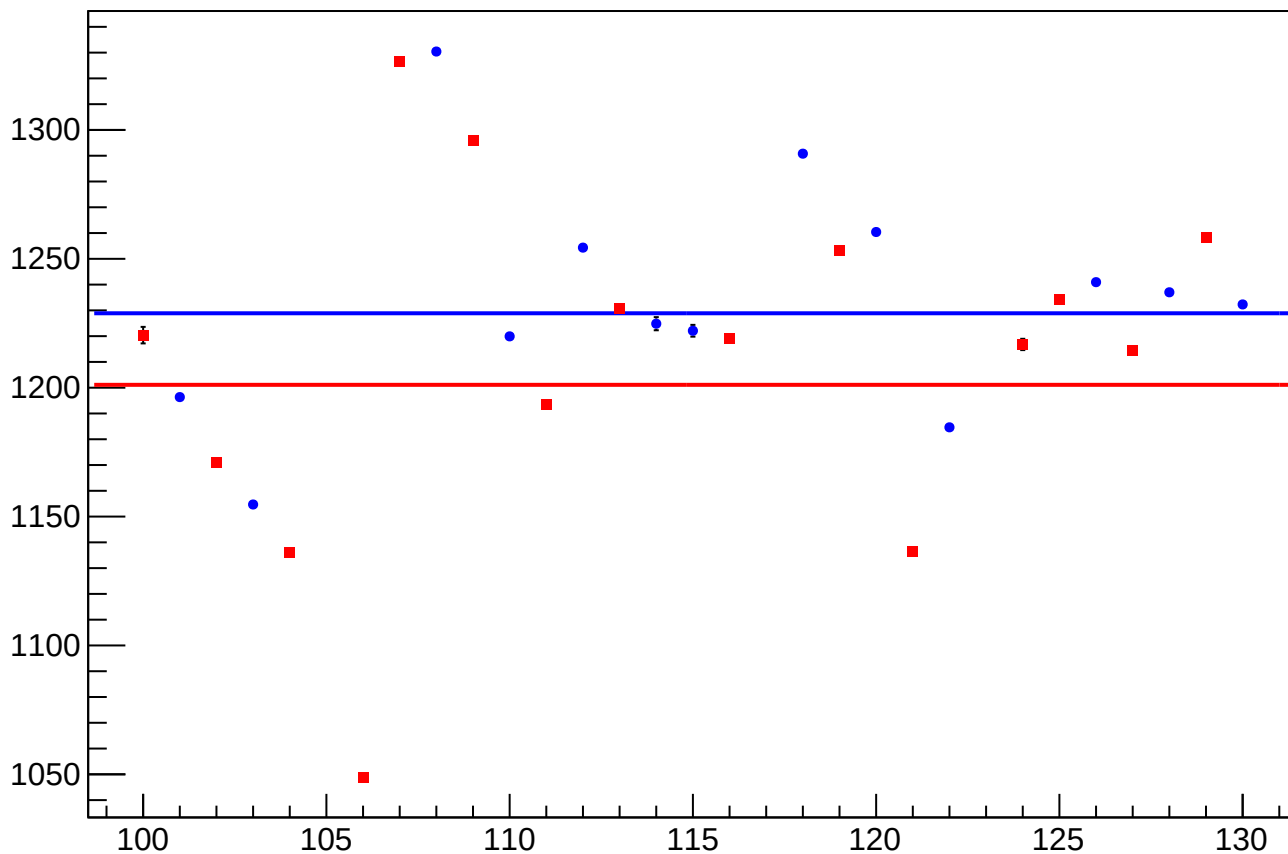
Right: -3.779 ± 0.359 χ^2/NDF : 65.0/27

In: -4.308 ± 0.522 χ^2/NDF : 34.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.779 ± 0.359 χ^2/NDF : 65.0/27

diff_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 1228.875+/-0.369 χ^2/NDF : 15244.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1201.113+/-0.349 χ^2/NDF : 36211.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

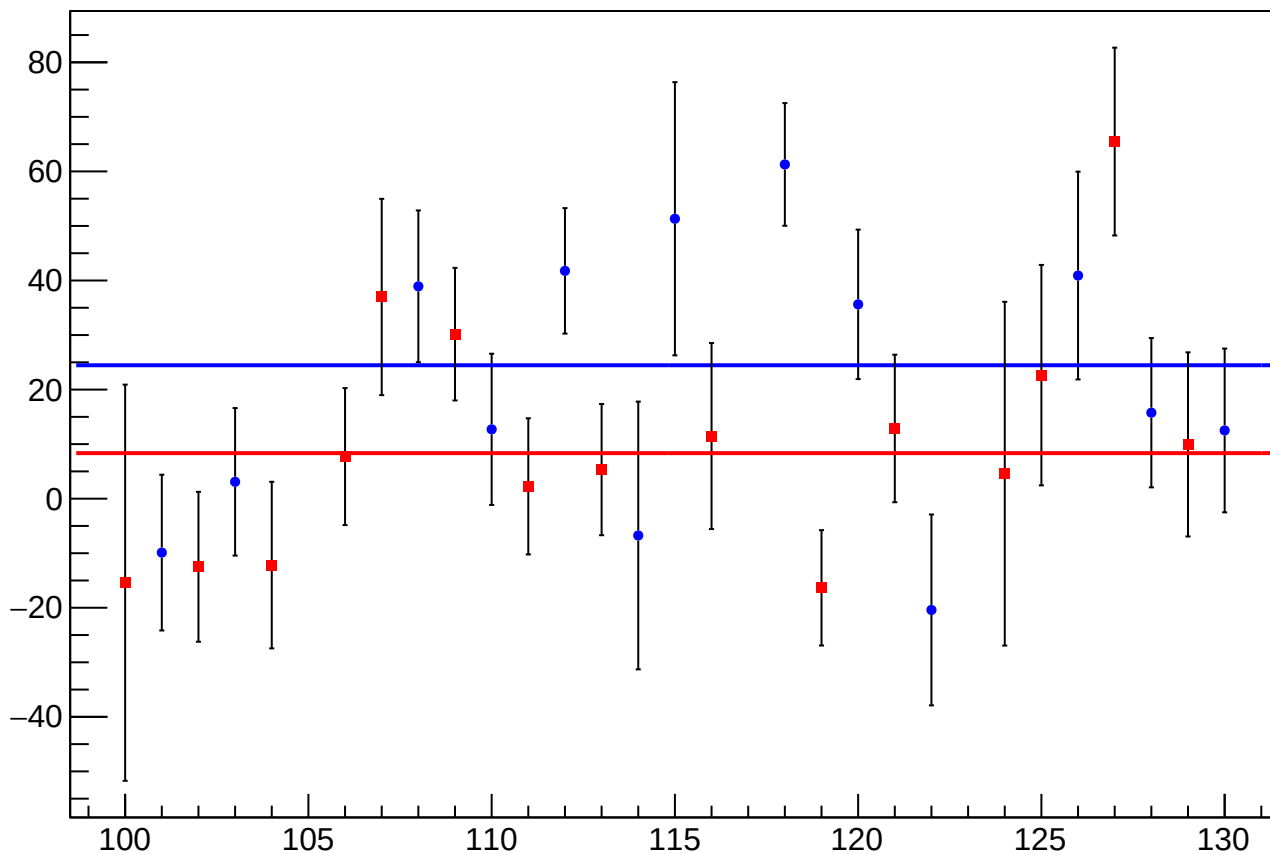
Right: 1214.199+/-0.254 χ^2/NDF : 54443.0/27

In: 1228.875+/-0.369 χ^2/NDF : 15244.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1214.199+/-0.254 χ^2/NDF : 54443.0/27

diff_bpm0l07X_mean vs Slug, Sign Corrected



Right In: 24.462+/-4.063 χ^2/NDF : 34.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.347+/-3.833 χ^2/NDF : 27.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

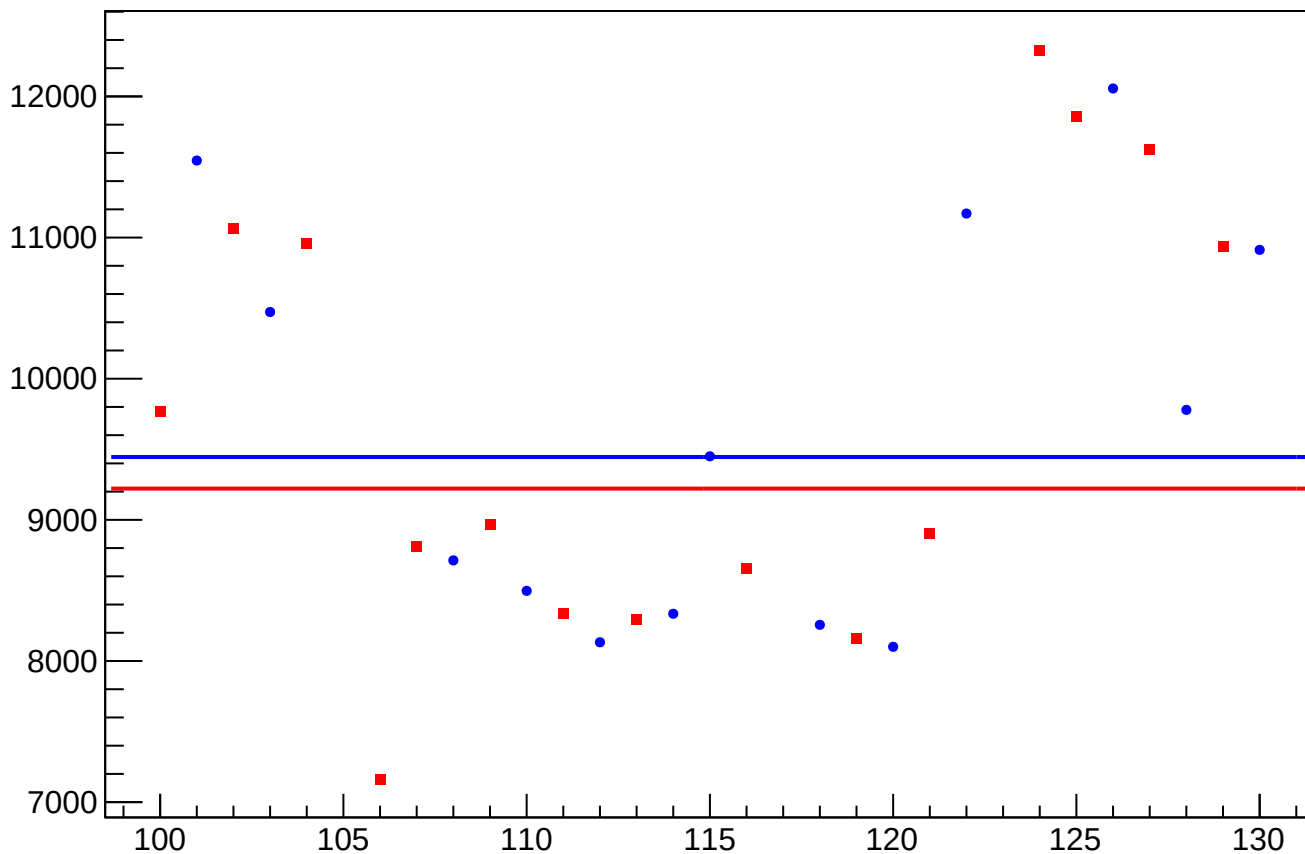
Right: 15.936+/-2.788 χ^2/NDF : 70.9/27

In: 24.462+/-4.063 χ^2/NDF : 34.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.936+/-2.788 χ^2/NDF : 70.9/27

diff_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 9445.244+/-2.873 χ^2/NDF : 218789.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9221.558+/-2.710 χ^2/NDF : 276444.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

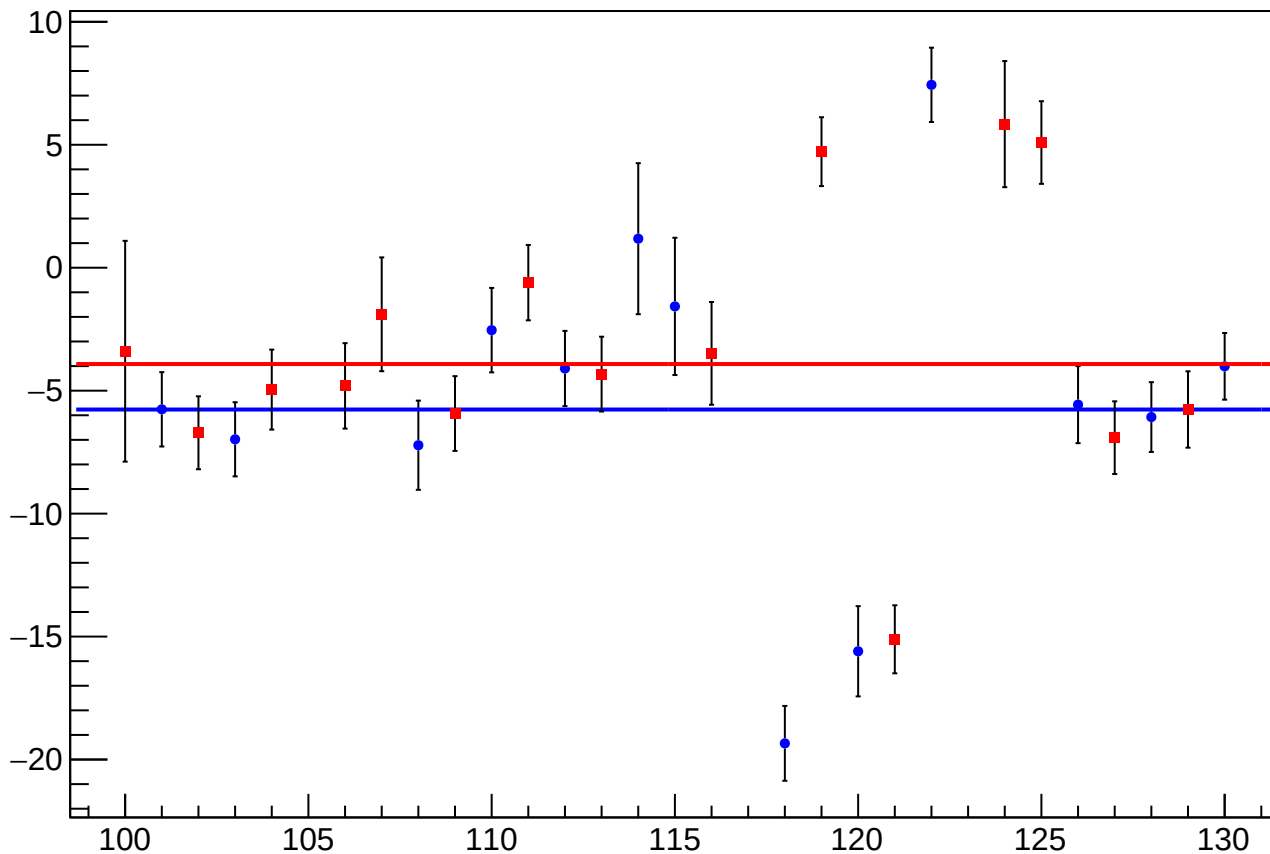
Right: 9326.900+/-1.972 χ^2/NDF : 498441.5/27

In: 9445.244+/-2.873 χ^2/NDF : 218789.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9326.900+/-1.972 χ^2/NDF : 498441.5/27

diff_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: -5.767 ± 0.457 χ^2/NDF : 199.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.917 ± 0.433 χ^2/NDF : 163.9/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

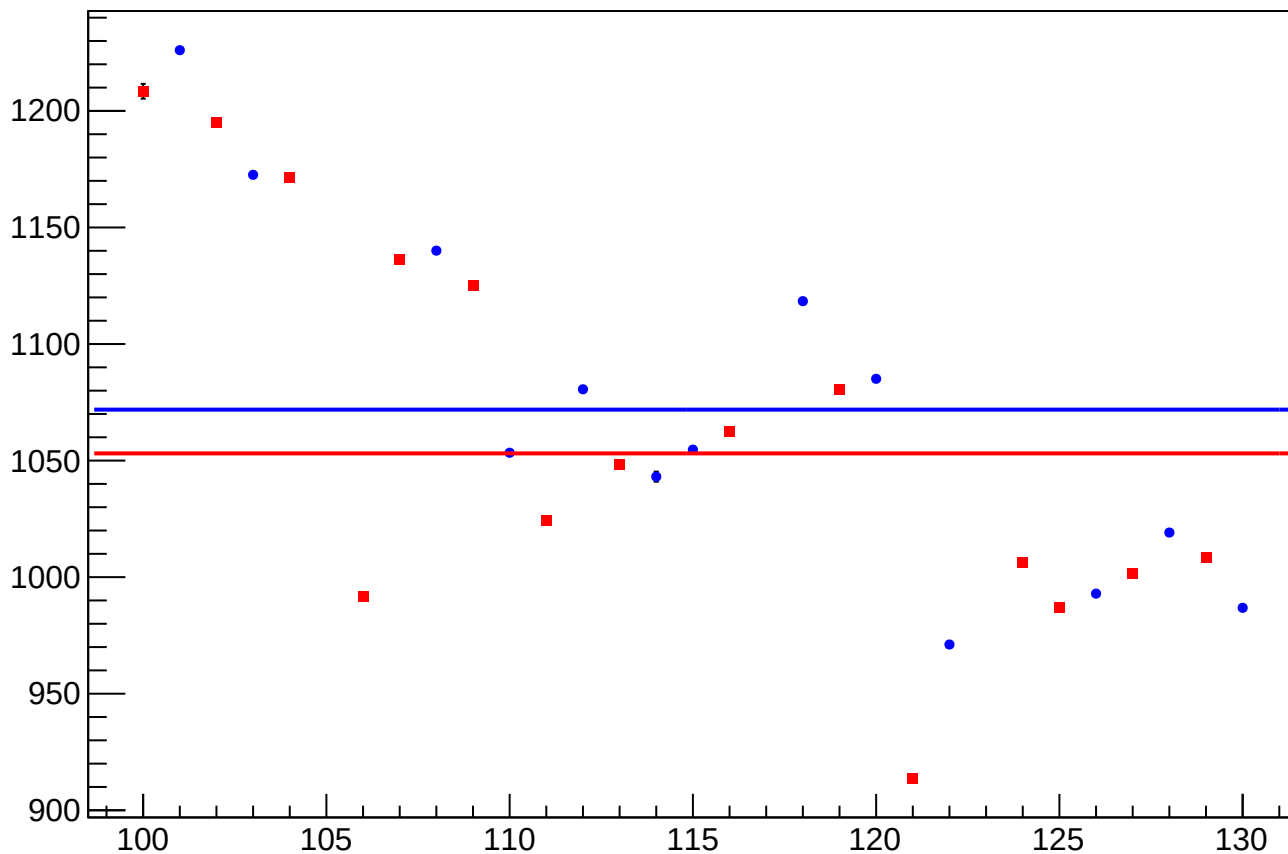
Right: -4.793 ± 0.314 χ^2/NDF : 372.2/27

In: -5.767 ± 0.457 χ^2/NDF : 199.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.793 ± 0.314 χ^2/NDF : 372.2/27

diff_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 1071.863+/-0.323 χ^2/NDF : 59678.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1053.085+/-0.306 χ^2/NDF : 70638.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

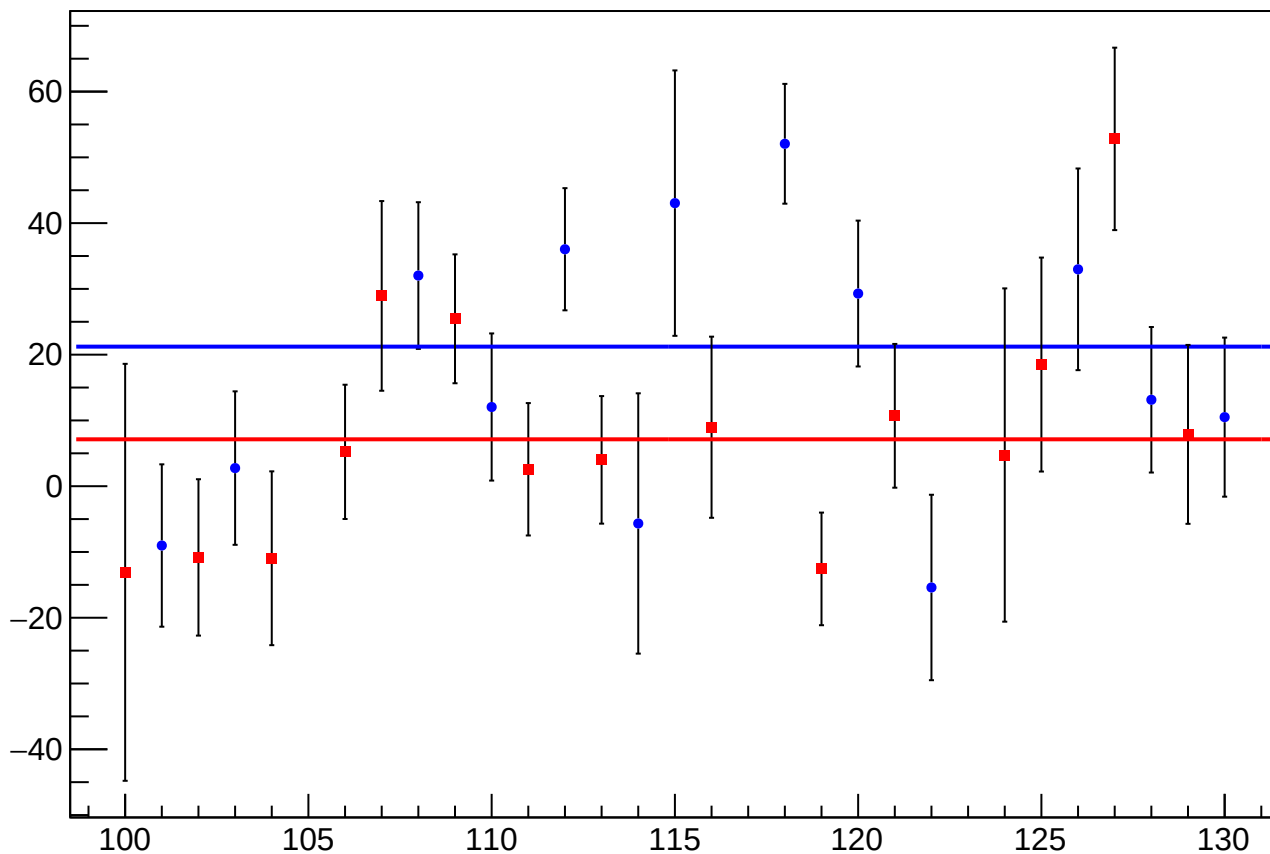
Right: 1061.978+/-0.222 χ^2/NDF : 132097.8/27

In: 1071.863+/-0.323 χ^2/NDF : 59678.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1061.978+/-0.222 χ^2/NDF : 132097.8/27

diff_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 21.221+/-3.315 χ^2/NDF : 36.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.130+/-3.126 χ^2/NDF : 27.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

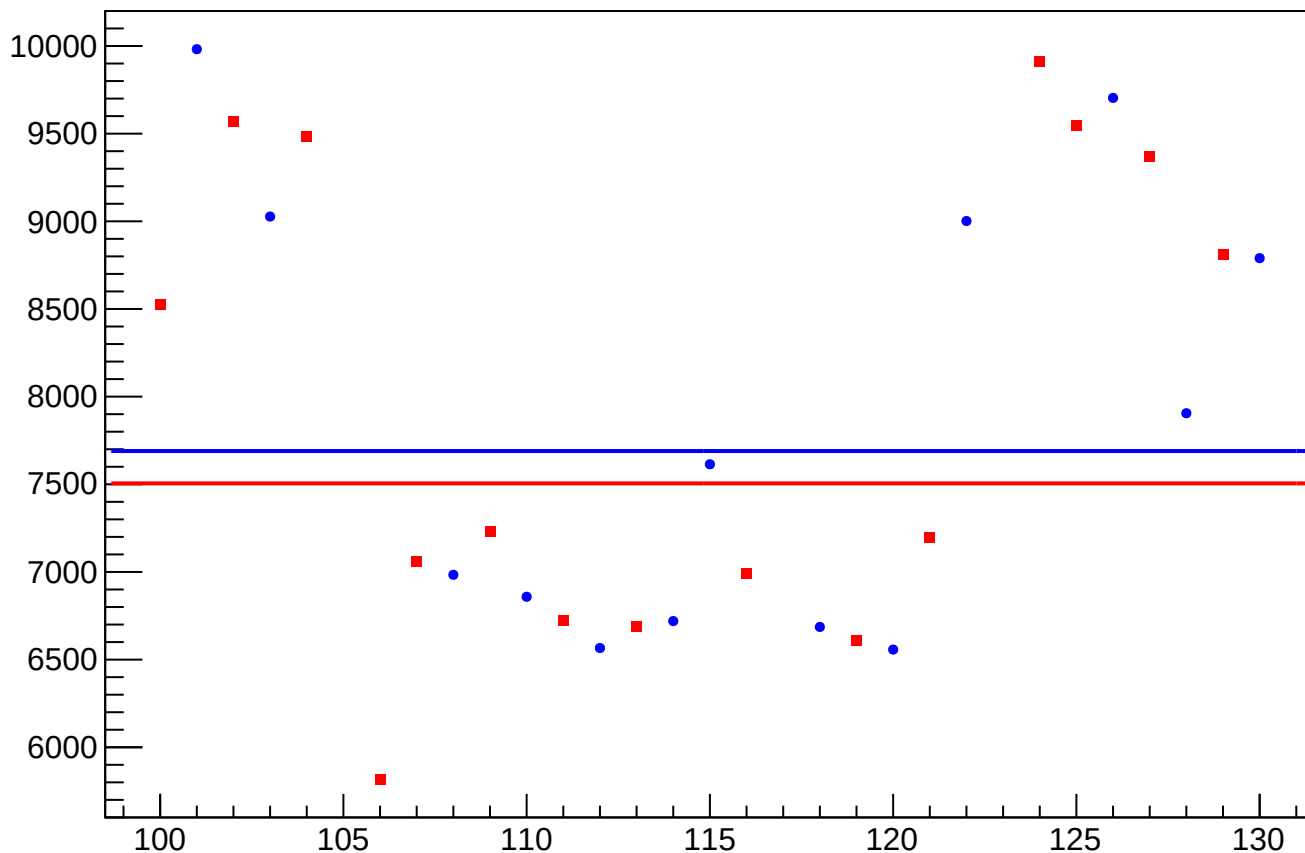
Right: 13.763+/-2.274 χ^2/NDF : 73.3/27

In: 21.221+/-3.315 χ^2/NDF : 36.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.763+/-2.274 χ^2/NDF : 73.3/27

diff_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 7689.799+/-2.344 χ^2/NDF : 262652.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7505.206+/-2.210 χ^2/NDF : 321995.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

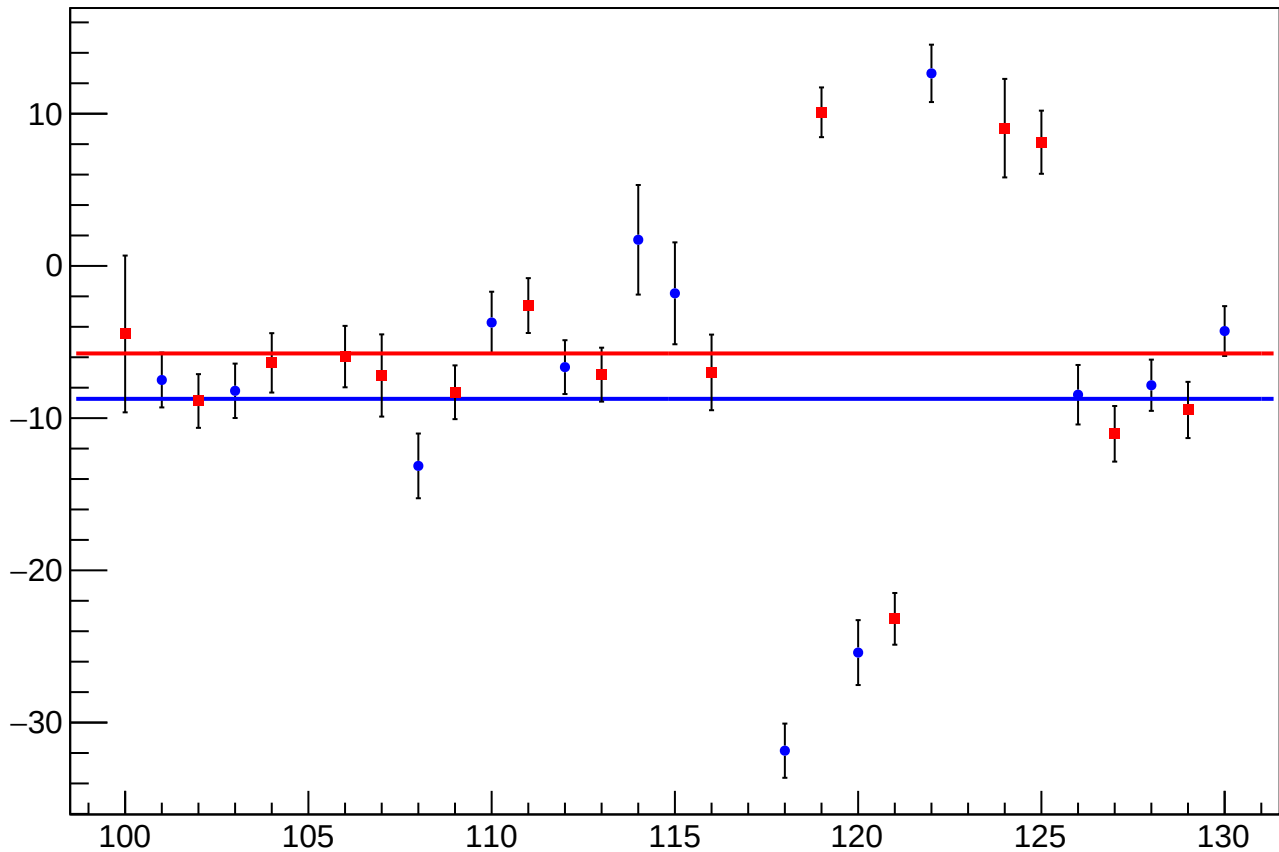
Right: 7592.098+/-1.608 χ^2/NDF : 587931.3/27

In: 7689.799+/-2.344 χ^2/NDF : 262652.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7592.098+/-1.608 χ^2/NDF : 587931.3/27

diff_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -8.733+/-0.544 χ^2/NDF : 391.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.750+/-0.516 χ^2/NDF : 287.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

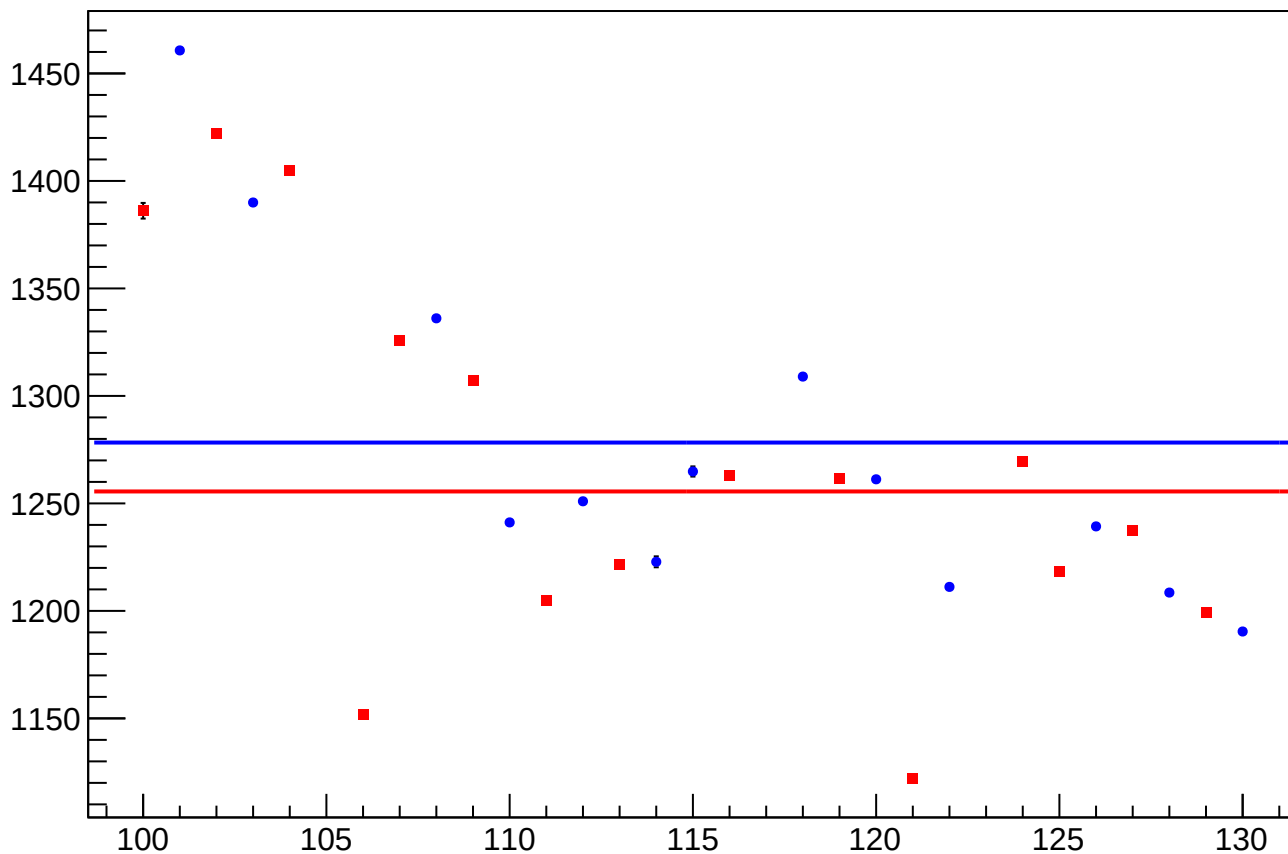
Right: -7.163+/-0.374 χ^2/NDF : 693.9/27

In: -8.733+/-0.544 χ^2/NDF : 391.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.163+/-0.374 χ^2/NDF : 693.9/27

diff_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 1278.305+/-0.385 χ^2/NDF : 44716.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1255.559+/-0.365 χ^2/NDF : 56658.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

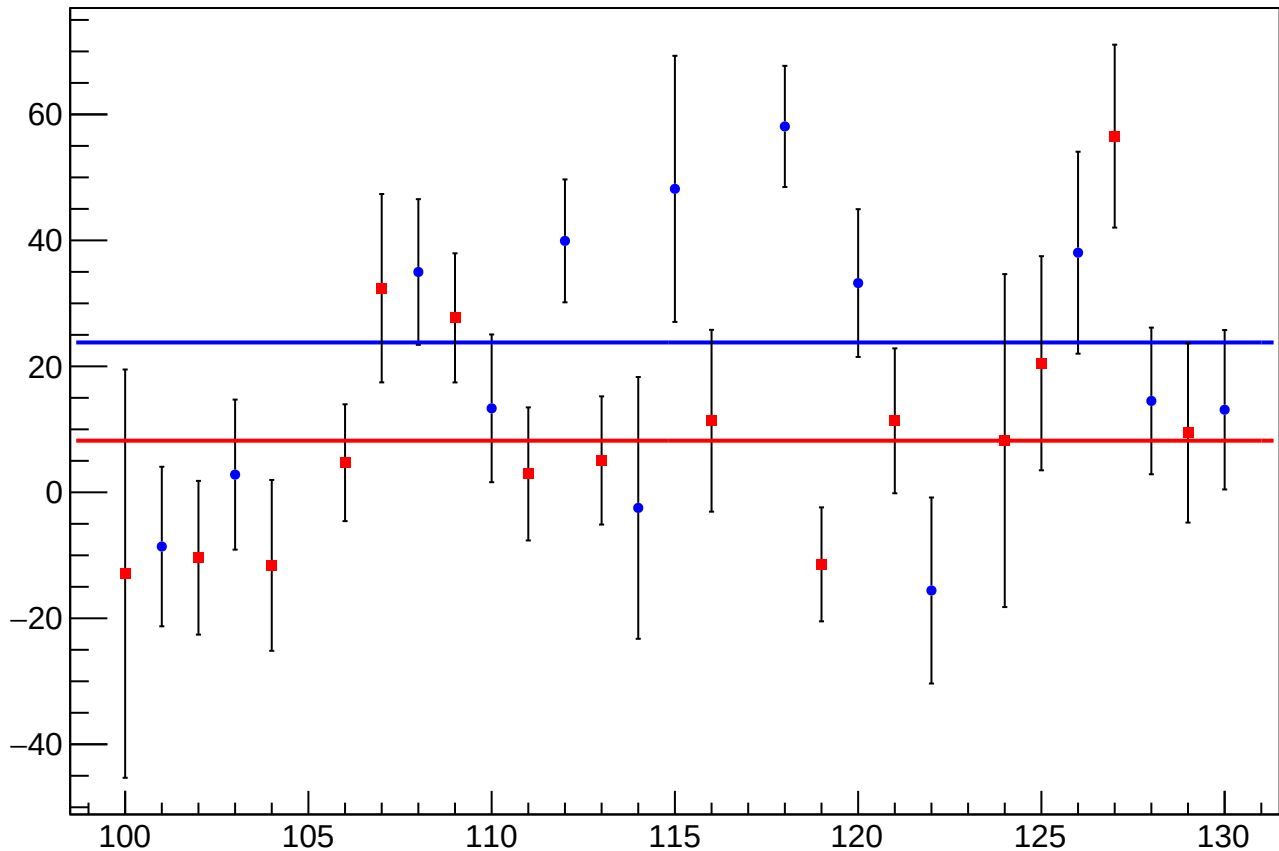
Right: 1266.330+/-0.265 χ^2/NDF : 103215.1/27

In: 1278.305+/-0.385 χ^2/NDF : 44716.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1266.330+/-0.265 χ^2/NDF : 103215.1/27

diff_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 23.793+/-3.466 χ^2/NDF : 39.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.203+/-3.219 χ^2/NDF : 28.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

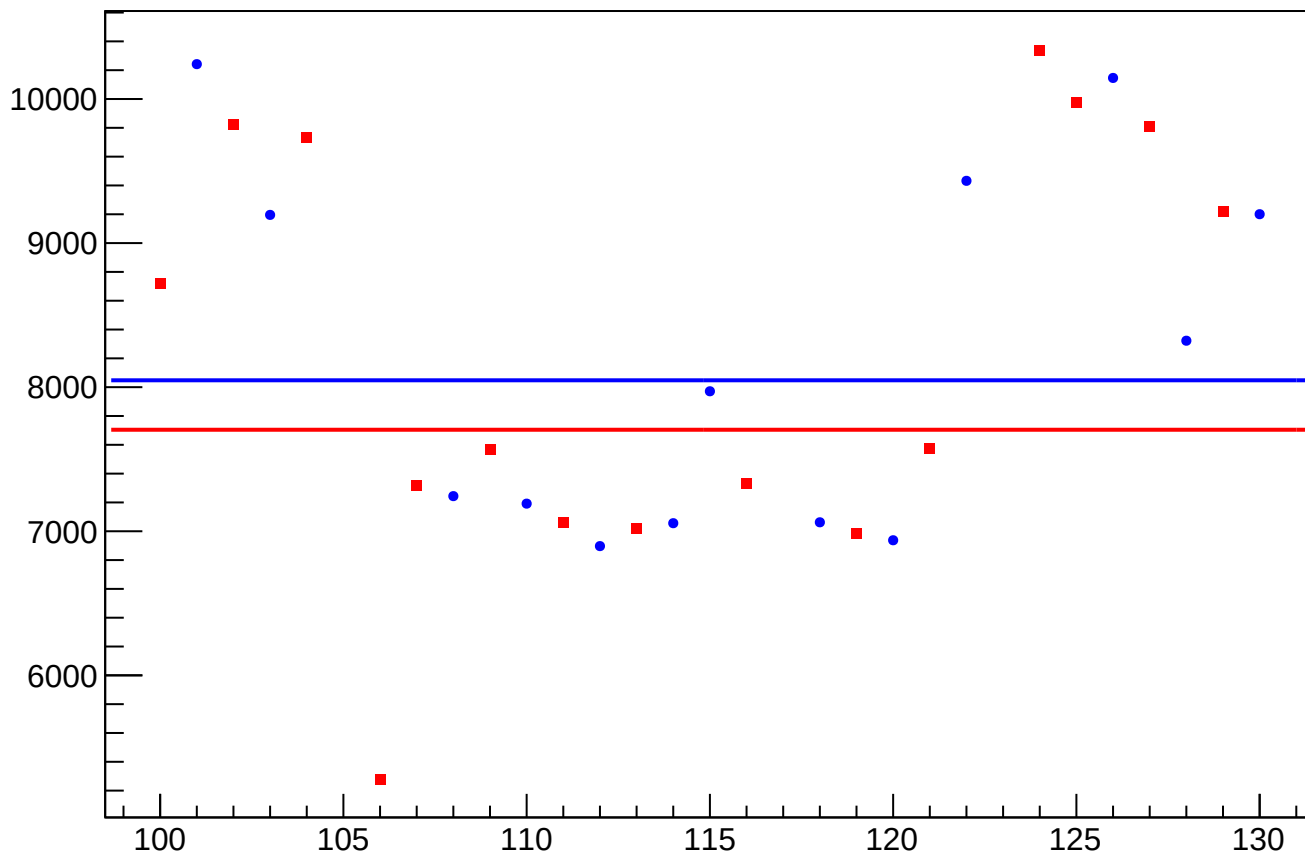
Right: 15.424+/-2.359 χ^2/NDF : 78.6/27

In: 23.793+/-3.466 χ^2/NDF : 39.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.424+/-2.359 χ^2/NDF : 78.6/27

diff_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 8047.731+/-2.450 χ^2/NDF : 239798.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7704.507+/-2.276 χ^2/NDF : 397152.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

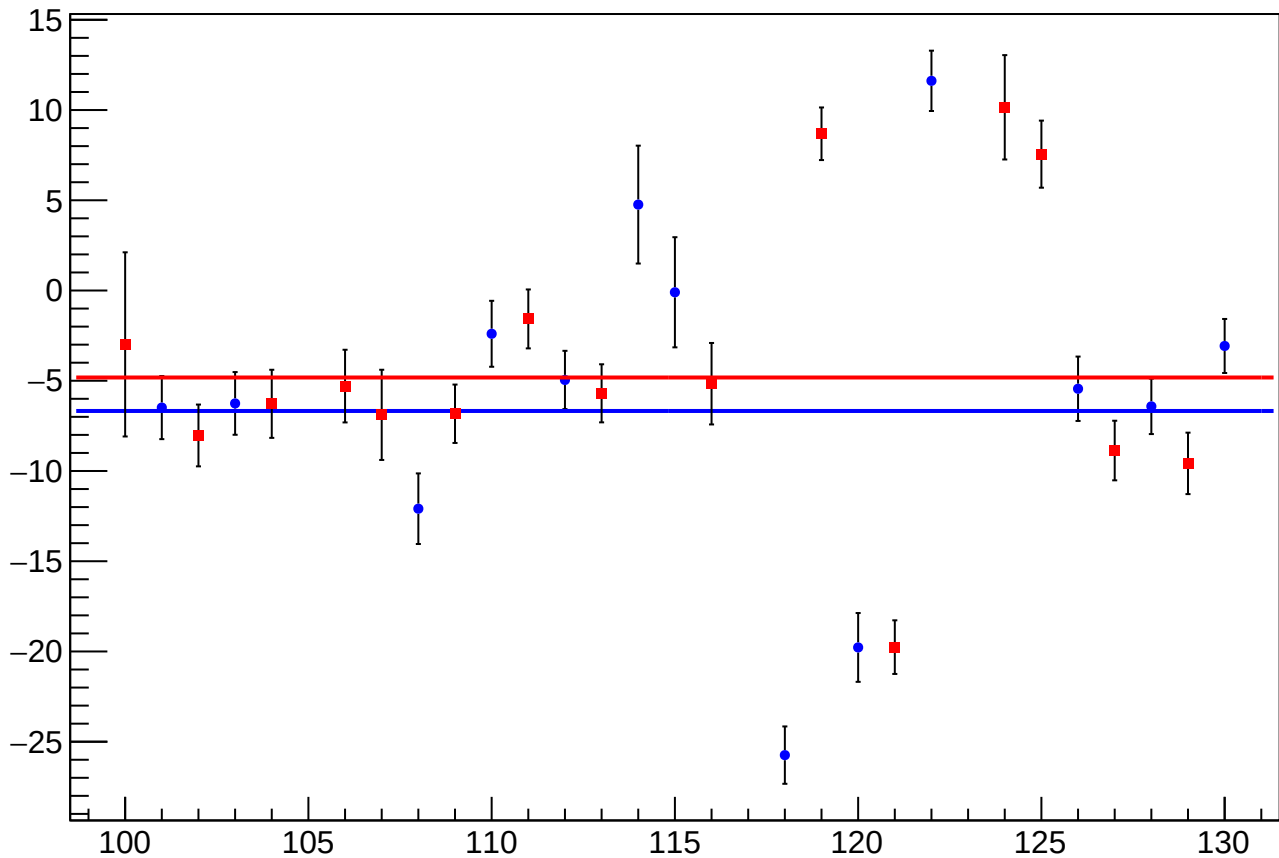
Right: 7863.494+/-1.668 χ^2/NDF : 647481.4/27

In: 8047.731+/-2.450 χ^2/NDF : 239798.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7863.494+/-1.668 χ^2/NDF : 647481.4/27

diff_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -6.674+/-0.499 χ^2/NDF : 348.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.820+/-0.474 χ^2/NDF : 282.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

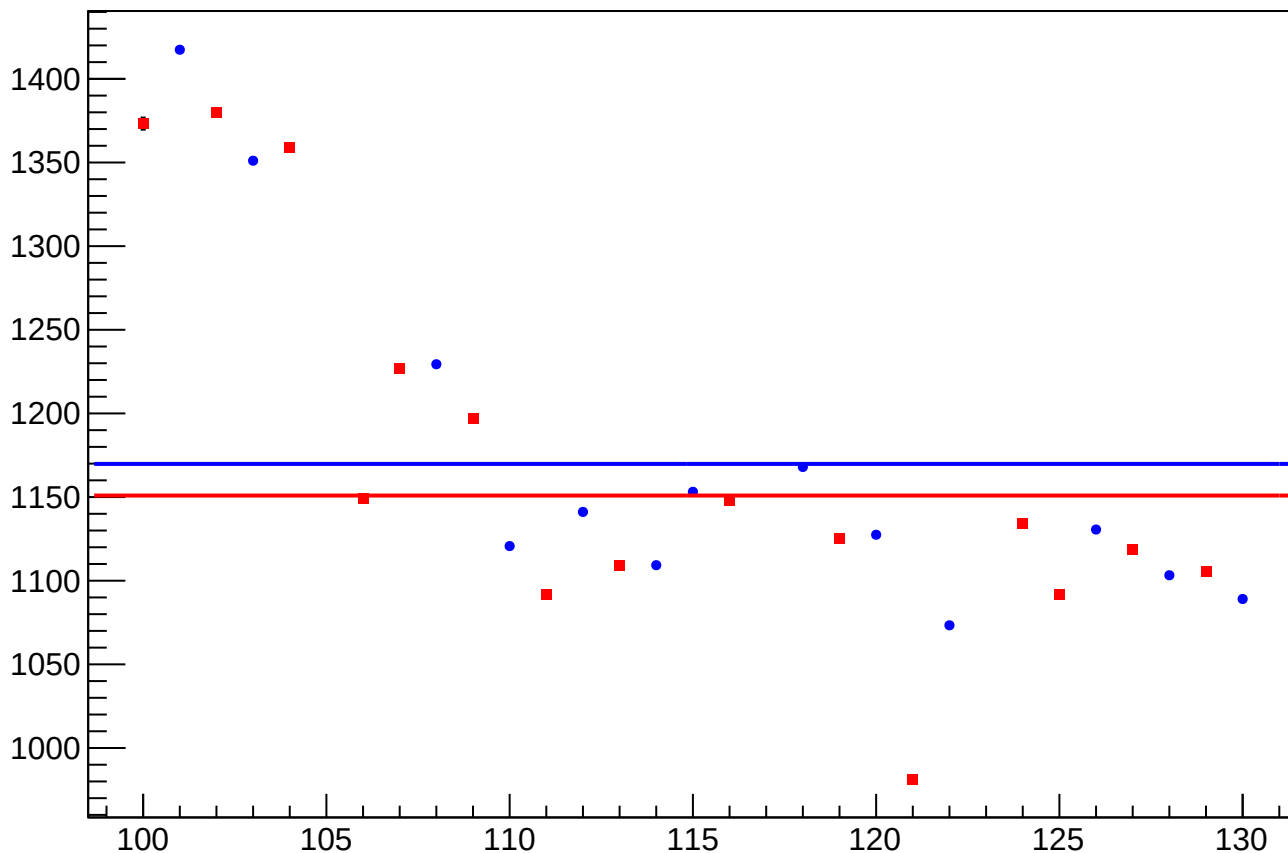
Right: -5.699+/-0.344 χ^2/NDF : 638.5/27

In: -6.674+/-0.499 χ^2/NDF : 348.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.699+/-0.344 χ^2/NDF : 638.5/27

diff_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 1169.813+/-0.353 χ^2/NDF : 84776.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1150.915+/-0.335 χ^2/NDF : 102343.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

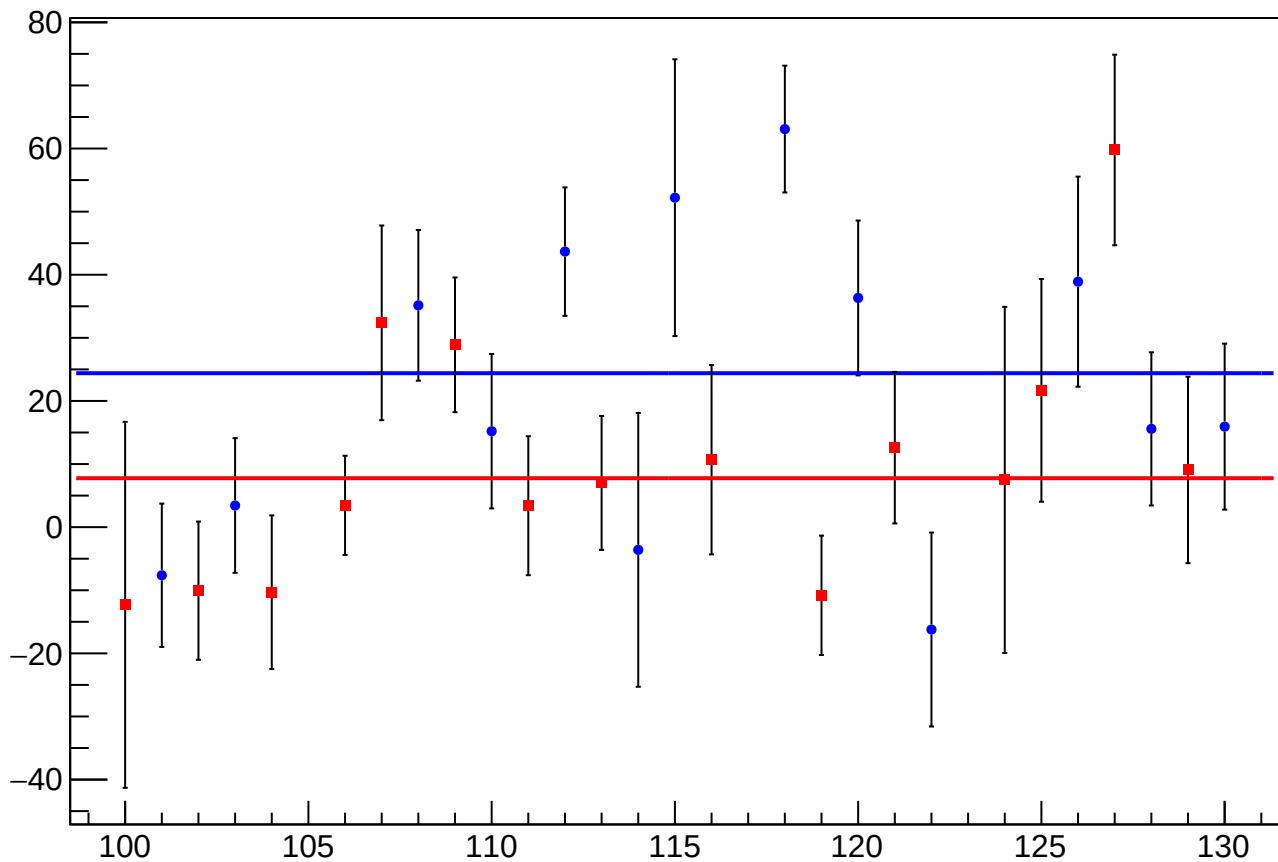
Right: 1159.881+/-0.243 χ^2/NDF : 188628.2/27

In: 1169.813+/-0.353 χ^2/NDF :84776.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1159.881+/-0.243 χ^2/NDF : 188628.2/27

diff_bpm0l10X_mean vs Slug, Sign Corrected



Right In: 24.398+/-3.513 χ^2/NDF : 44.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.758+/-3.184 χ^2/NDF : 28.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

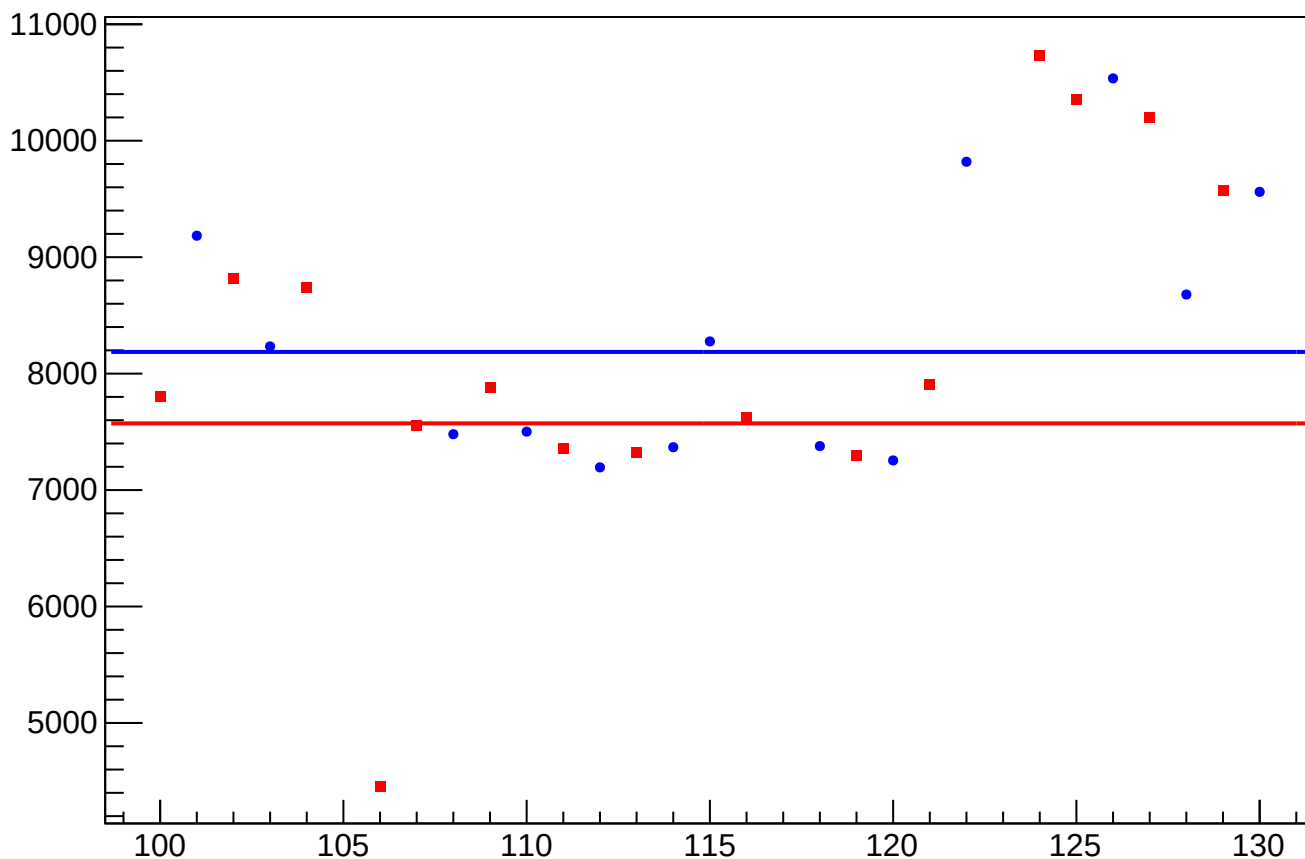
Right: 15.265+/-2.359 χ^2/NDF : 85.6/27

In: 24.398+/-3.513 χ^2/NDF : 44.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.265+/-2.359 χ^2/NDF : 85.6/27

diff_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 8186.183+/-2.484 χ^2/NDF : 162661.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7572.770+/-2.252 χ^2/NDF : 538885.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

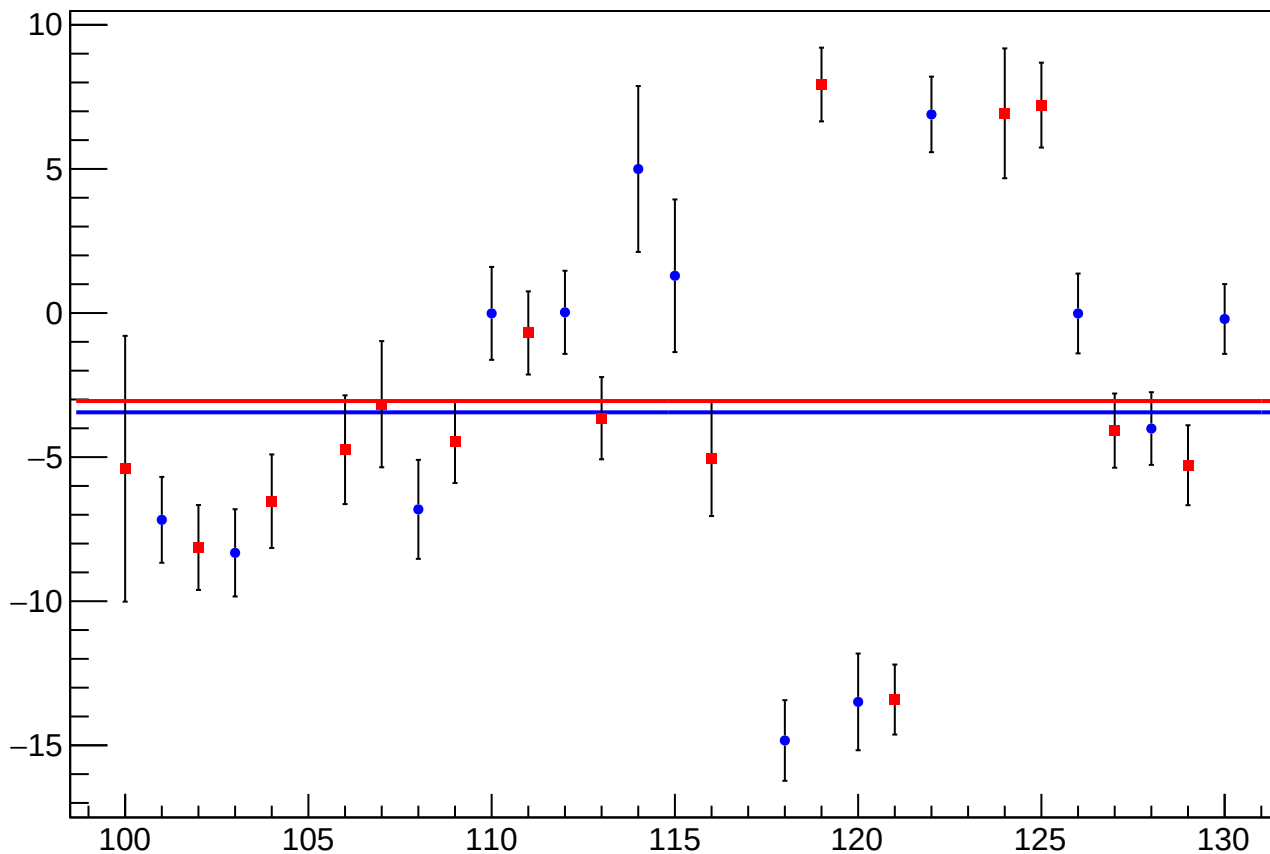
Right: 7849.478+/-1.668 χ^2/NDF : 735026.1/27

In: 8186.183+/-2.484 χ^2/NDF : 162661.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7849.478+/-1.668 χ^2/NDF : 735026.1/27

diff_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -3.446 ± 0.421 χ^2/NDF : 220.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.053 ± 0.403 χ^2/NDF : 240.3/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

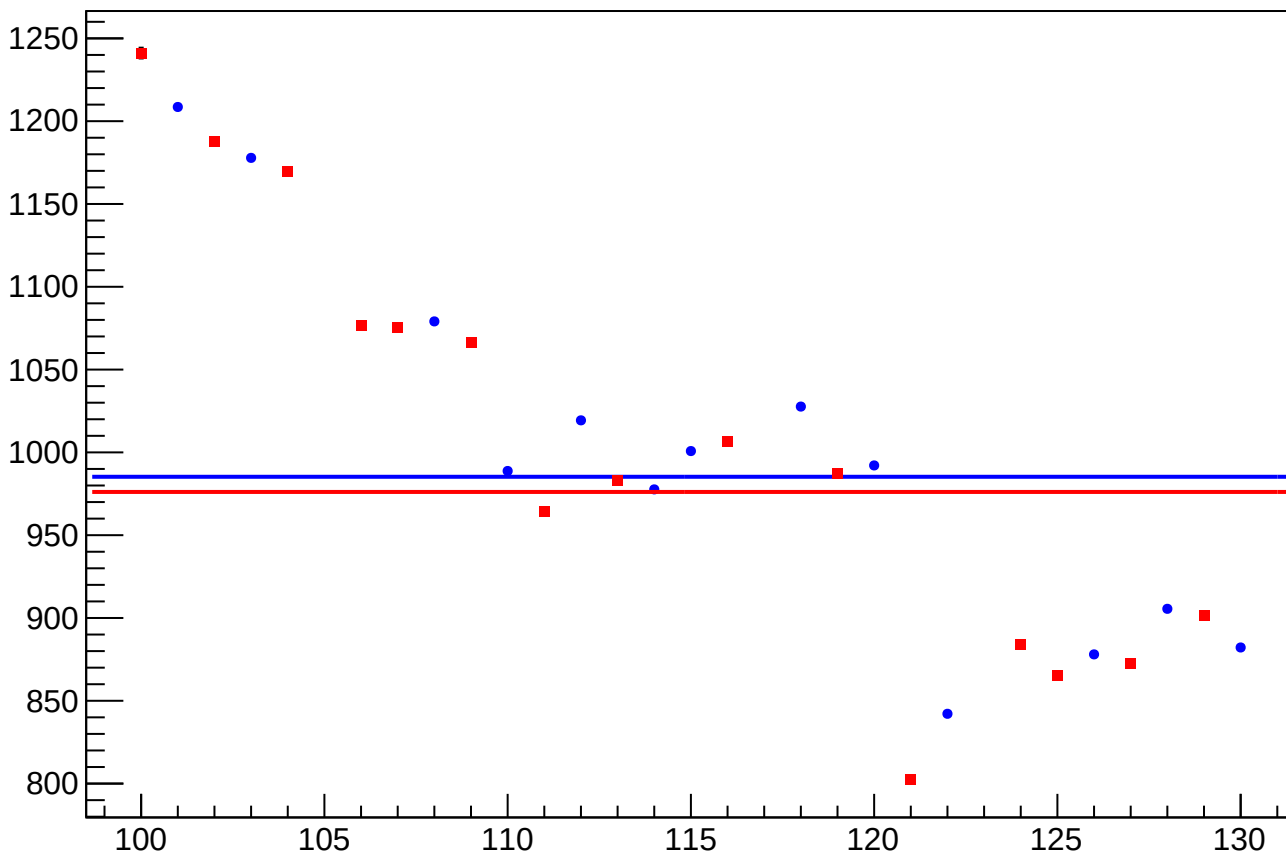
Right: -3.241 ± 0.291 χ^2/NDF : 461.1/27

In: -3.446 ± 0.421 χ^2/NDF : 220.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.241 ± 0.291 χ^2/NDF : 461.1/27

diff_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 985.270+/-0.298 χ^2/NDF : 144609.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 976.110+/-0.285 χ^2/NDF : 168848.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

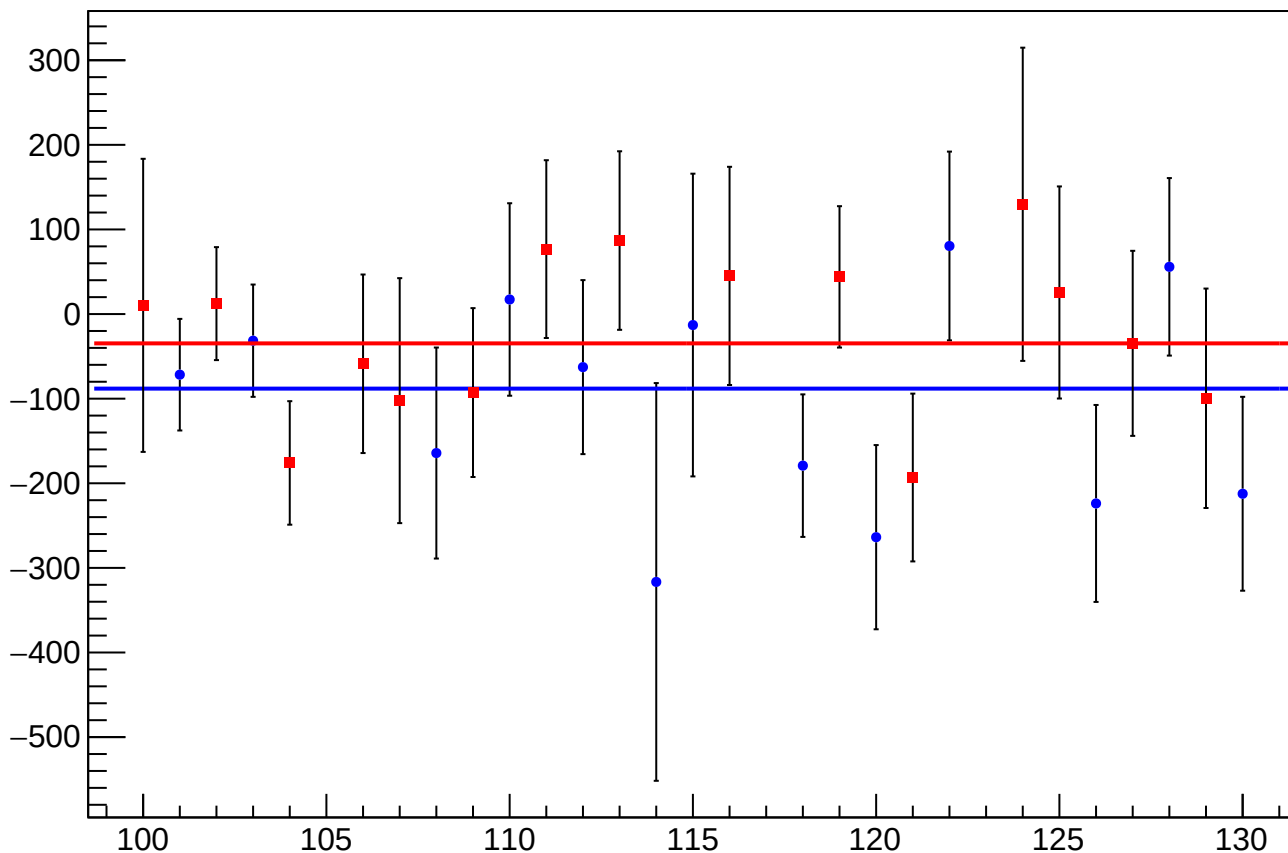
Right: 980.487+/-0.206 χ^2/NDF : 313950.9/27

In: 985.270+/-0.298 χ^2/NDF : 144609.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 980.487+/-0.206 χ^2/NDF : 313950.9/27

diff_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -88.118 ± 27.853 χ^2/NDF : 13.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -34.651 ± 26.680 χ^2/NDF : 12.5/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

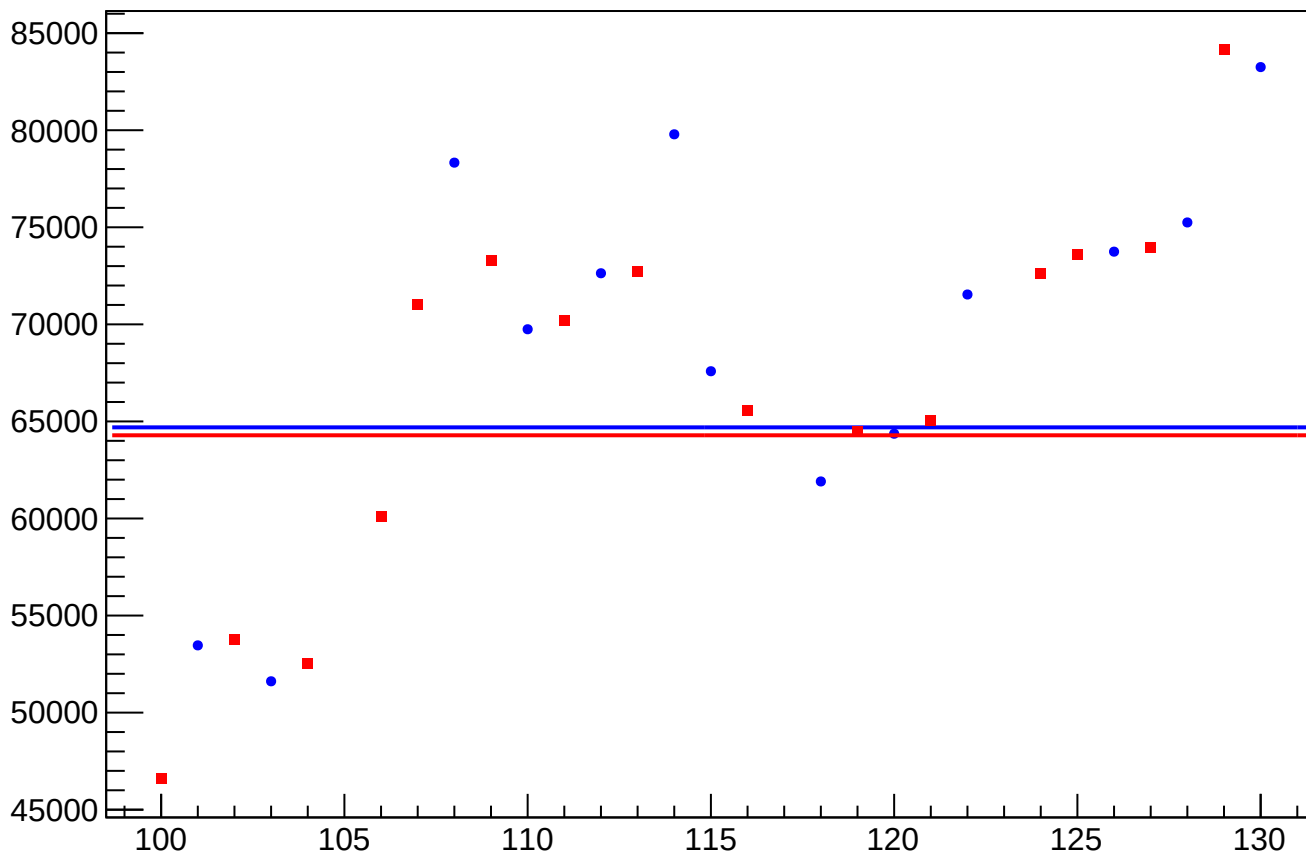
Right: -60.235 ± 19.267 χ^2/NDF : 28.1/27

In: -88.118 ± 27.853 χ^2/NDF : 13.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -60.235 ± 19.267 χ^2/NDF : 28.1/27

diff_bpm0r03X_rms vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right In: 64694.080+/-19.695 χ^2/NDF : 278774.2/12

Right: 64481.031+/-13.624 χ^2/NDF : 522410.8/27

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64285.542+/-18.866 χ^2/NDF : 243412.2/14

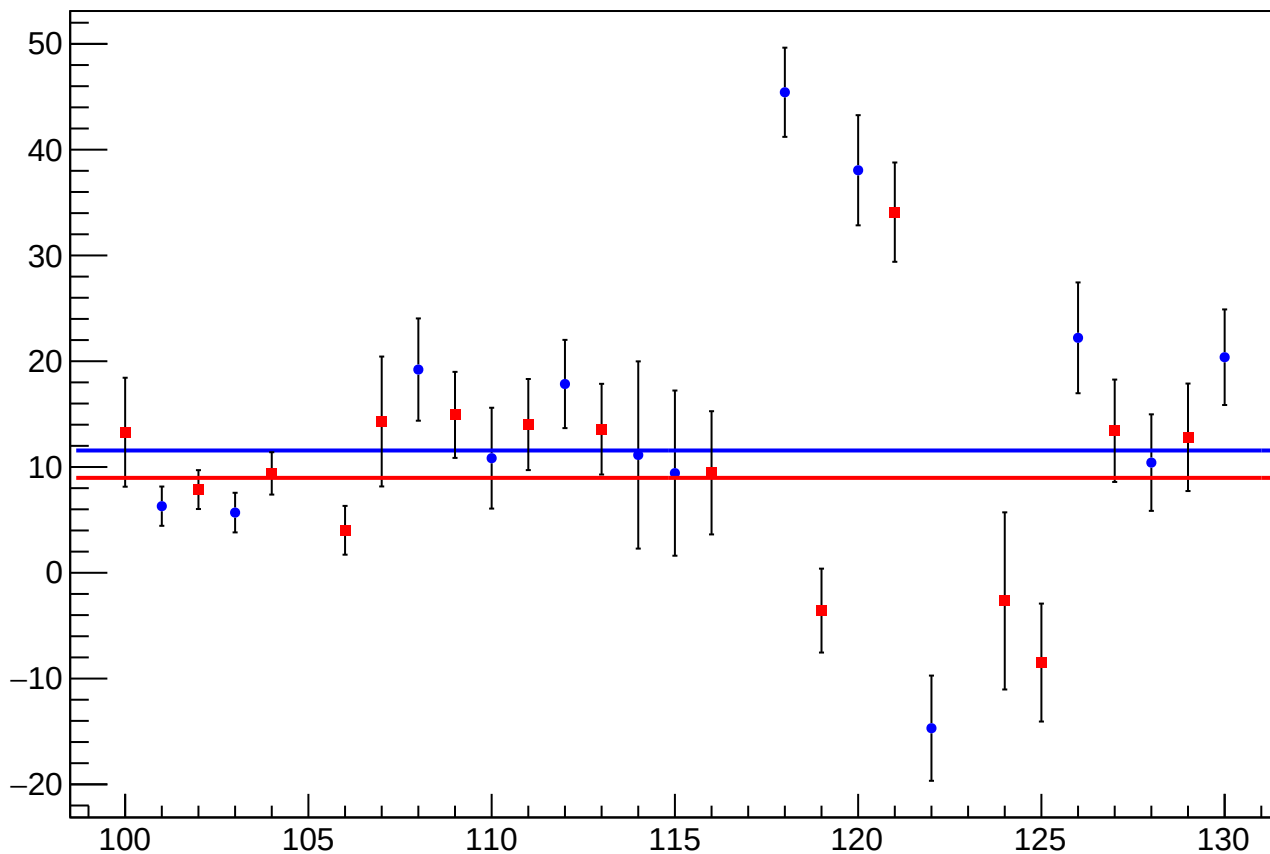
In: 64694.080+/-19.695 χ^2/NDF : 278774.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64481.031+/-13.624 χ^2/NDF : 522410.8/27

diff_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 11.562+/-0.992 χ^2/NDF : 149.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.973+/-0.901 χ^2/NDF : 63.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

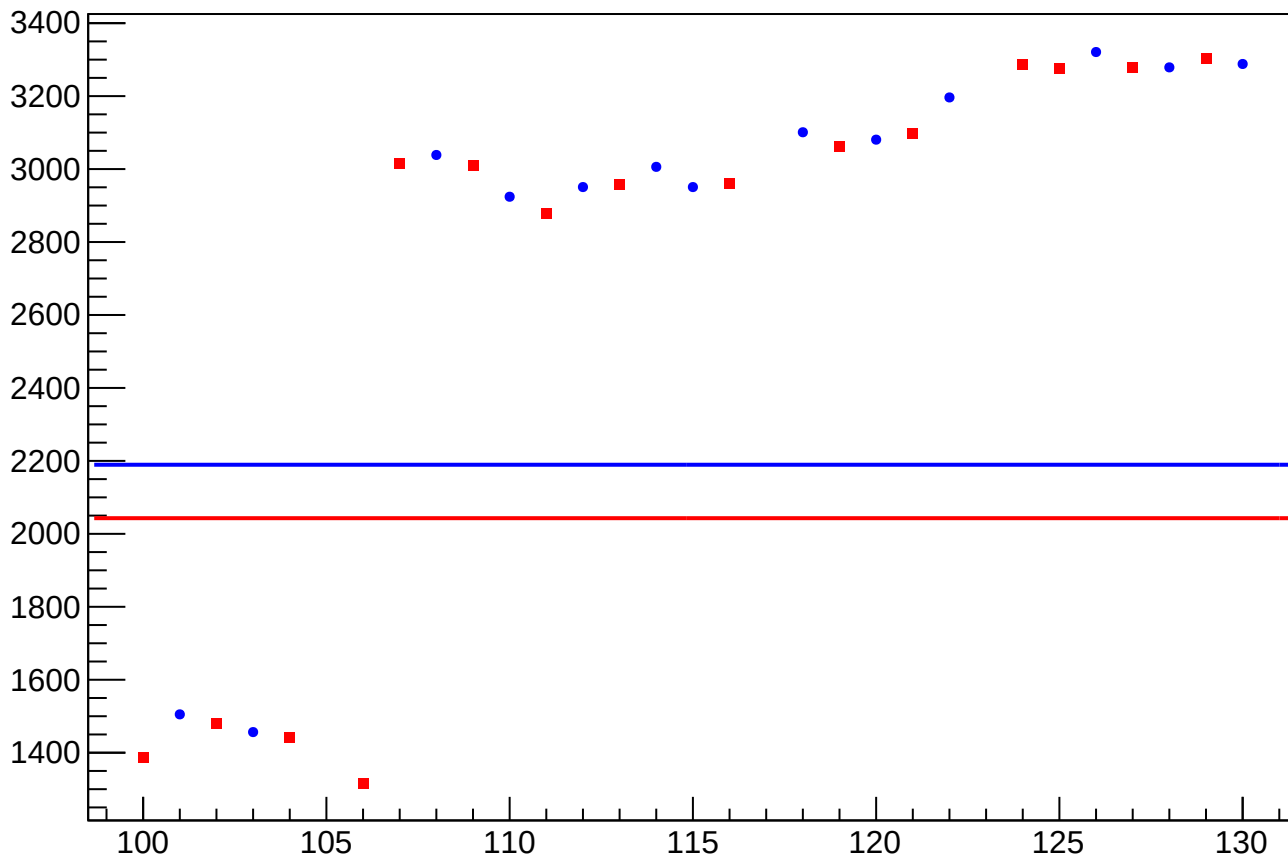
Right: 10.142+/-0.667 χ^2/NDF : 215.7/27

In: 11.562+/-0.992 χ^2/NDF : 149.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.142+/-0.667 χ^2/NDF : 215.7/27

diff_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 2189.427+/-0.702 χ^2/NDF : 1349715.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2042.935+/-0.637 χ^2/NDF : 1605567.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

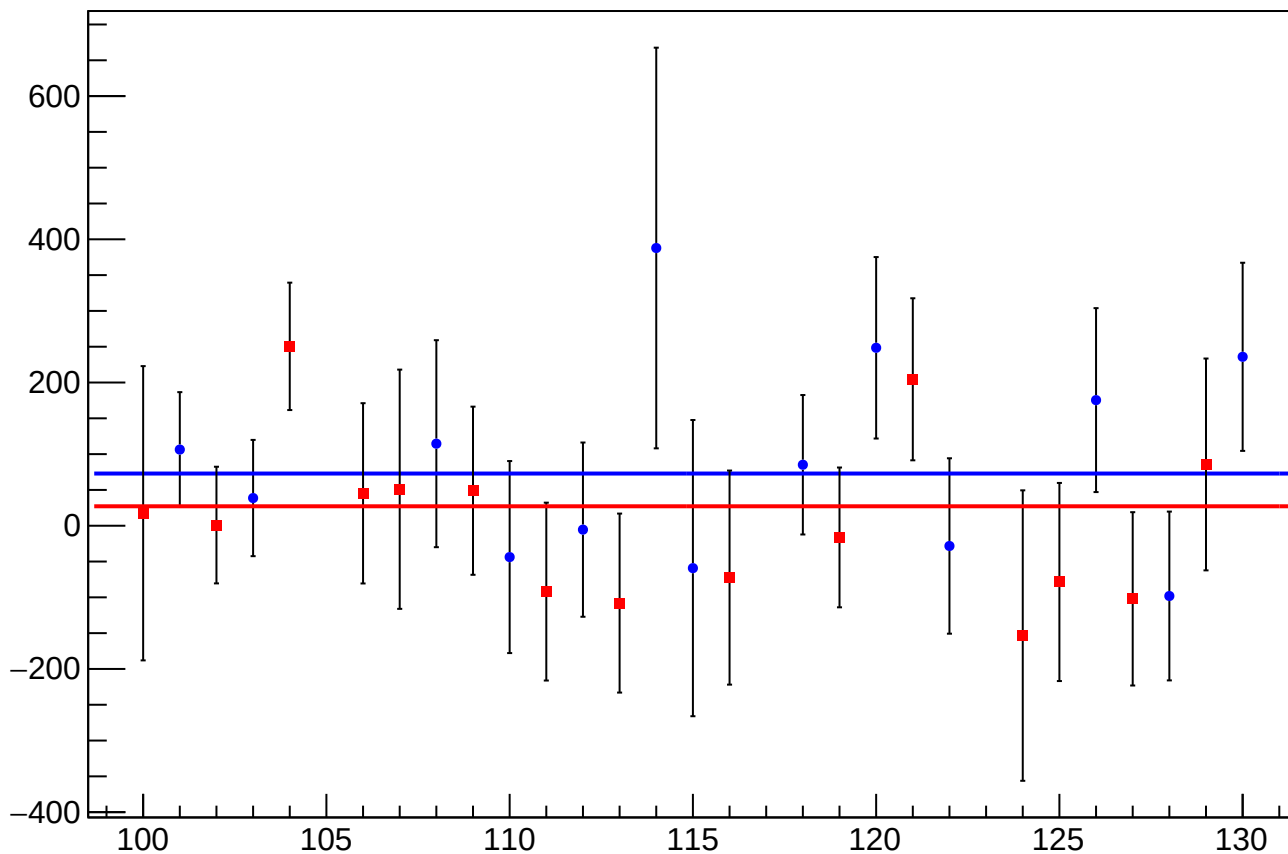
Right: 2109.109+/-0.472 χ^2/NDF : 2979188.7/27

In: 2189.427+/-0.702 χ^2/NDF : 1349715.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2109.109+/-0.472 χ^2/NDF : 2979188.7/27

diff_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 72.891+/-32.628 χ^2/NDF : 10.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.162+/-31.320 χ^2/NDF : 14.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

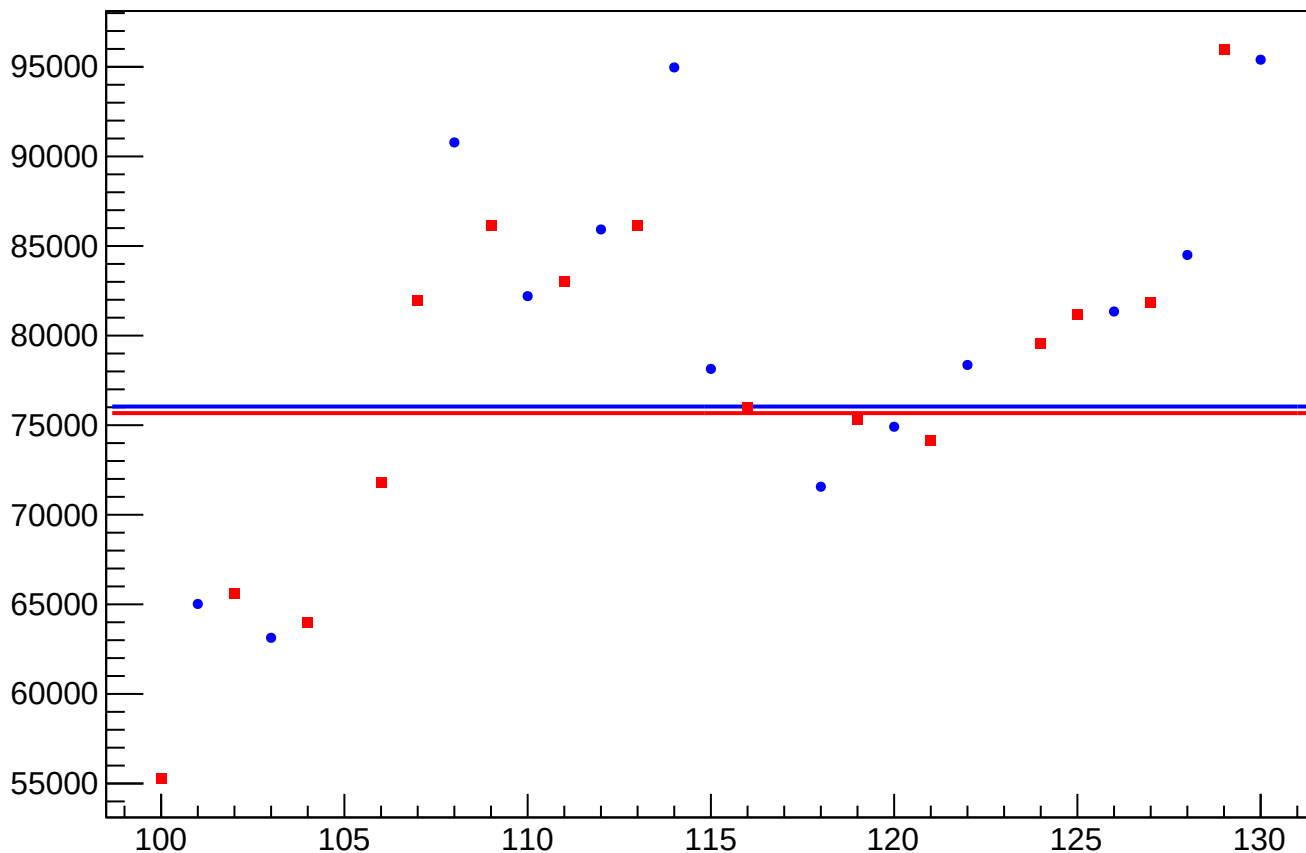
Right: 49.092+/-22.595 χ^2/NDF : 25.6/27

In: 72.891+/-32.628 χ^2/NDF : 10.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.092+/-22.595 χ^2/NDF : 25.6/27

diff_bpm0r05X_rms vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 75849.100+/-15.977 χ^2/NDF : 371596.4/27

In: 76040.730+/-23.071 χ^2/NDF :198136.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 75849.100+/-15.977 χ^2/NDF : 371596.4/27

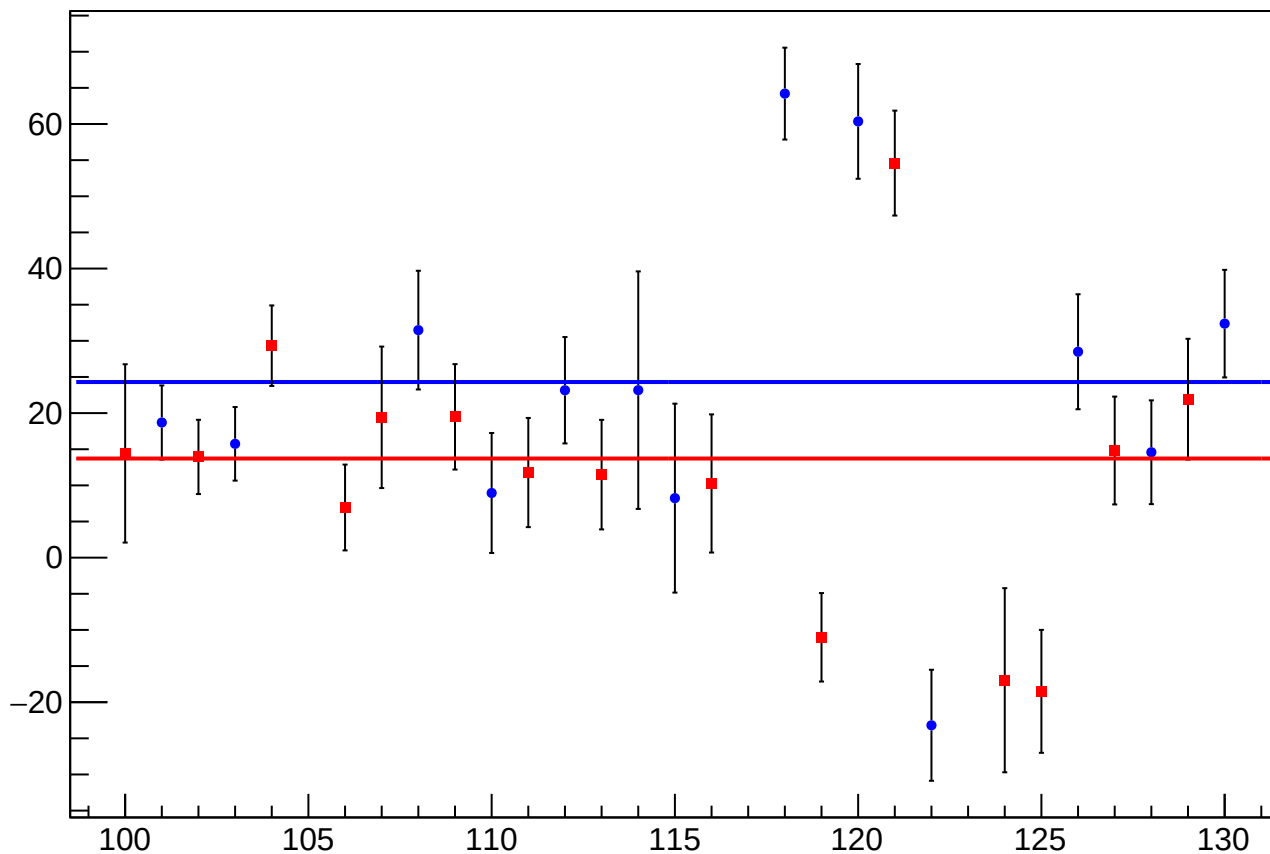
Right In: 76040.730+/-23.071 χ^2/NDF : 198136.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 75672.523+/-22.147 χ^2/NDF : 173327.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

diff_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 24.299+/-2.021 χ^2/NDF : 111.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.716+/-1.896 χ^2/NDF : 79.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

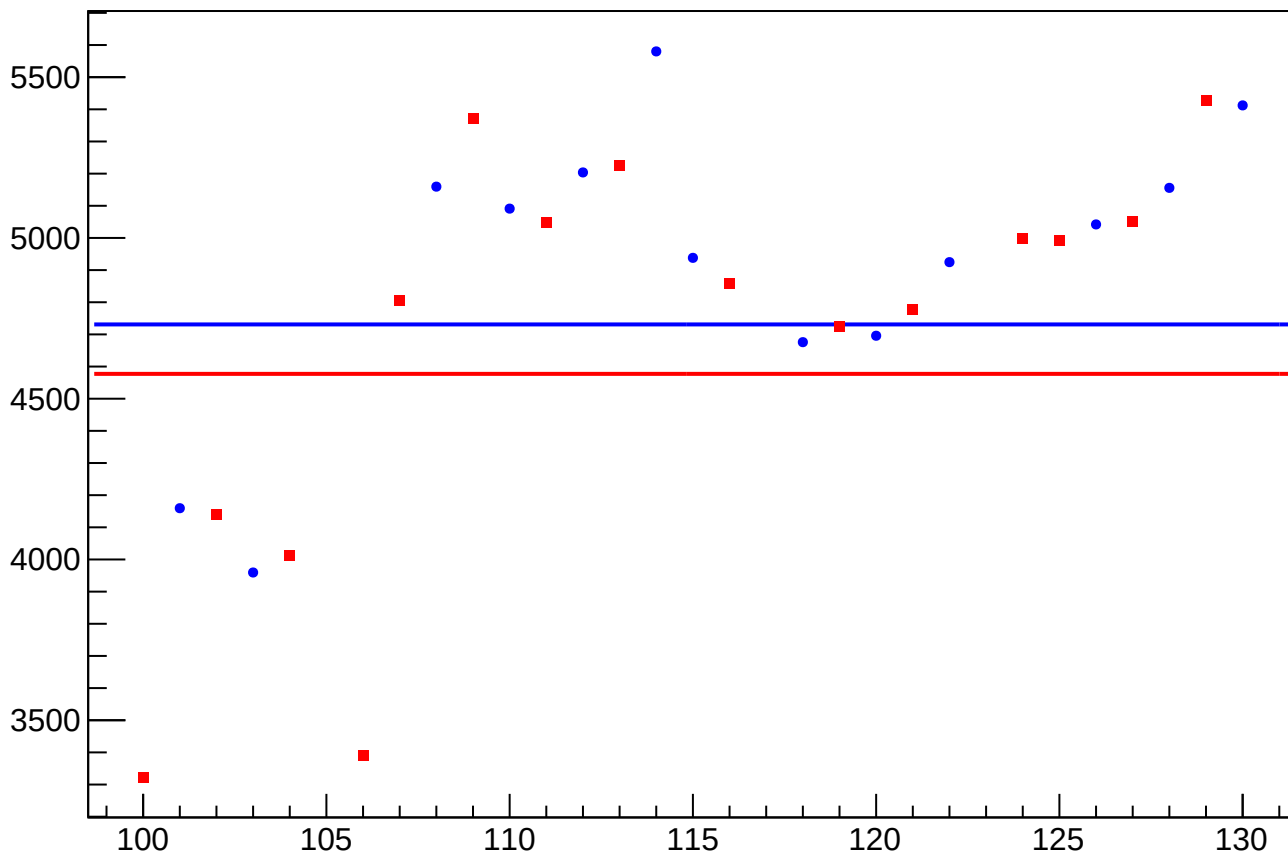
Right: 18.670+/-1.383 χ^2/NDF : 205.4/27

In: 24.299+/-2.021 χ^2/NDF : 111.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.670+/-1.383 χ^2/NDF : 205.4/27

diff_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 4731.015+/-1.429 χ^2/NDF : 122316.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4577.247+/-1.341 χ^2/NDF : 223394.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

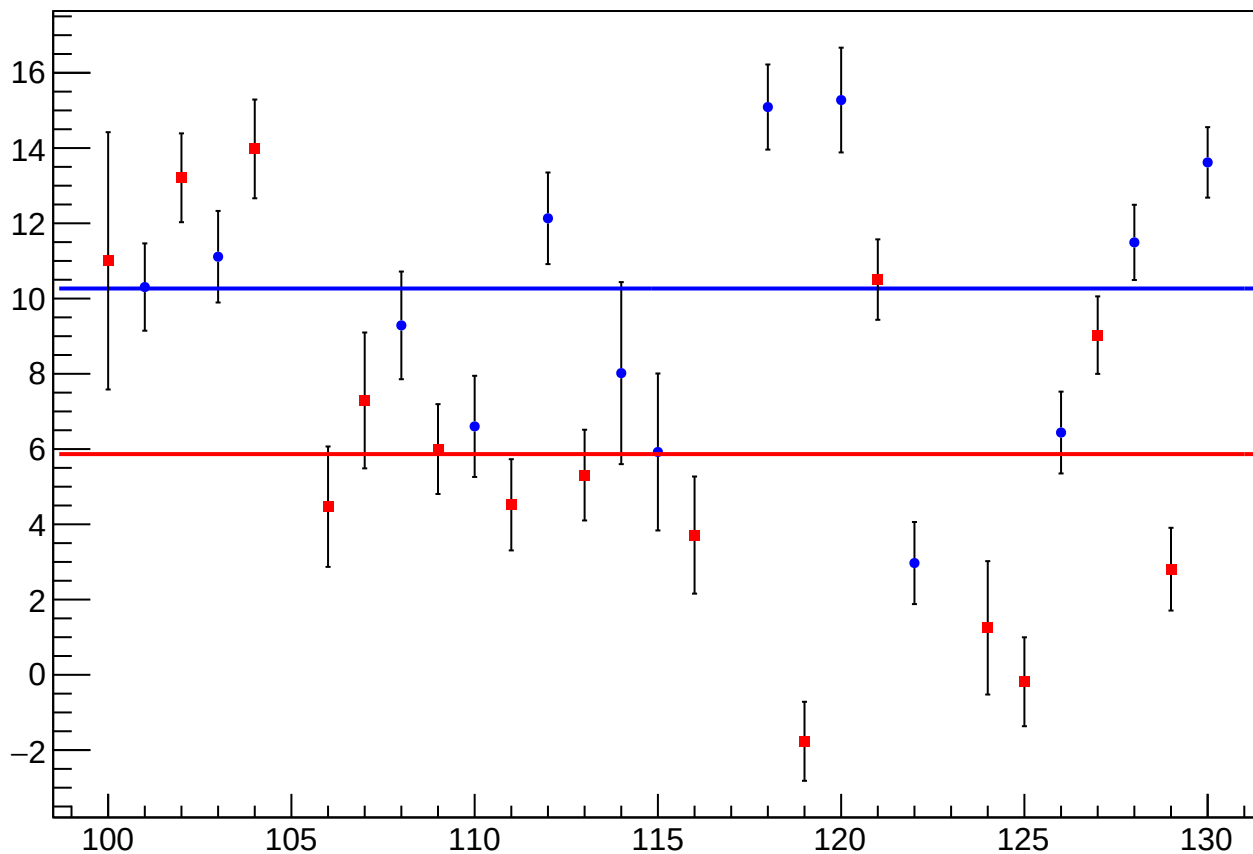
Right: 4649.222+/-0.978 χ^2/NDF : 351866.9/27

In: 4731.015+/-1.429 χ^2/NDF : 122316.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4649.222+/-0.978 χ^2/NDF : 351866.9/27

diff_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 10.267+/-0.340 χ^2/NDF : 118.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.866+/-0.331 χ^2/NDF : 205.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

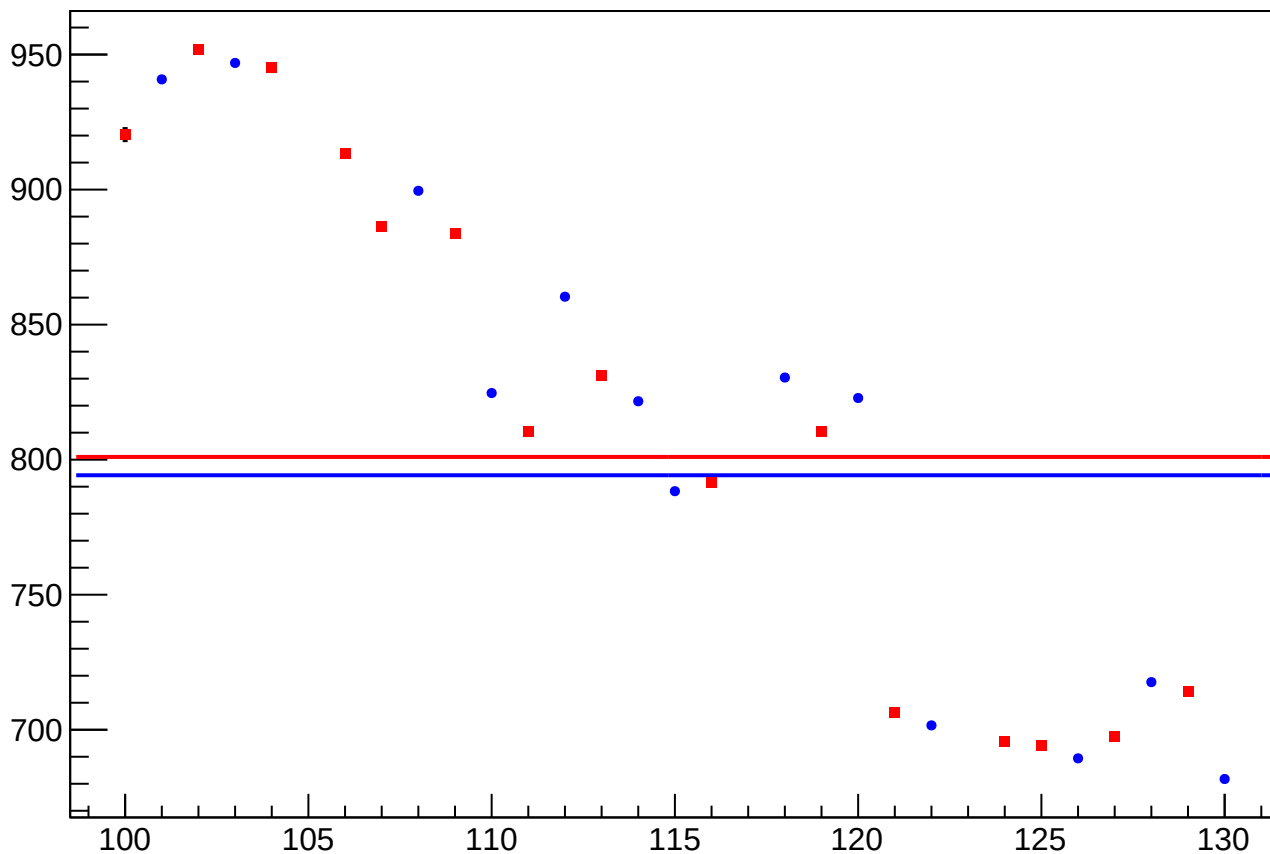
Right: 8.006+/-0.237 χ^2/NDF : 410.4/27

In: 10.267+/-0.340 χ^2/NDF : 118.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.006+/-0.237 χ^2/NDF : 410.4/27

diff_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 794.229+/-0.240 χ^2/NDF : 157880.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 801.015+/-0.234 χ^2/NDF : 156376.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

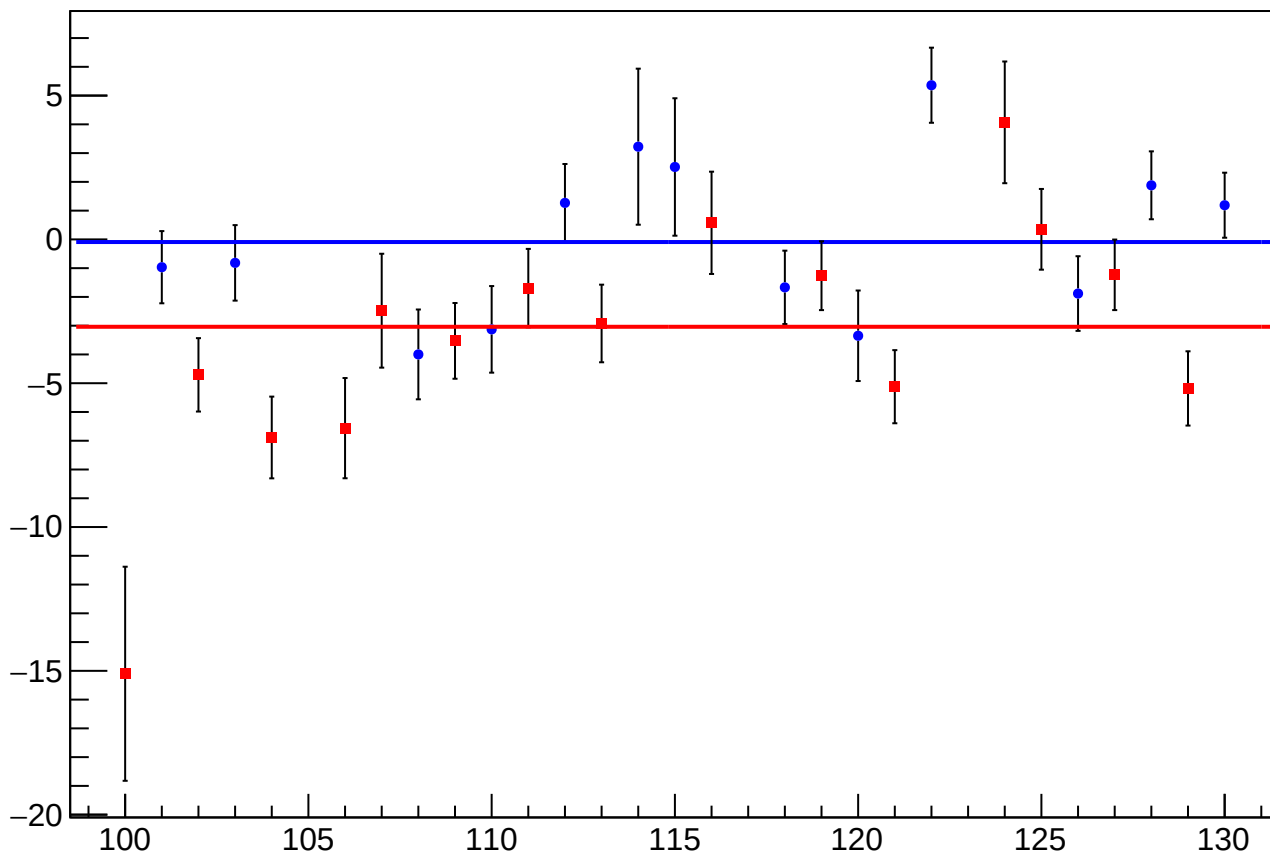
Right: 797.715+/-0.168 χ^2/NDF : 314666.7/27

In: 794.229+/-0.240 χ^2/NDF :157880.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 797.715+/-0.168 χ^2/NDF : 314666.7/27

diff_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -0.092 ± 0.389 $\chi^2/\text{NDF}: 44.0/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -3.038 ± 0.376 $\chi^2/\text{NDF}: 55.9/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

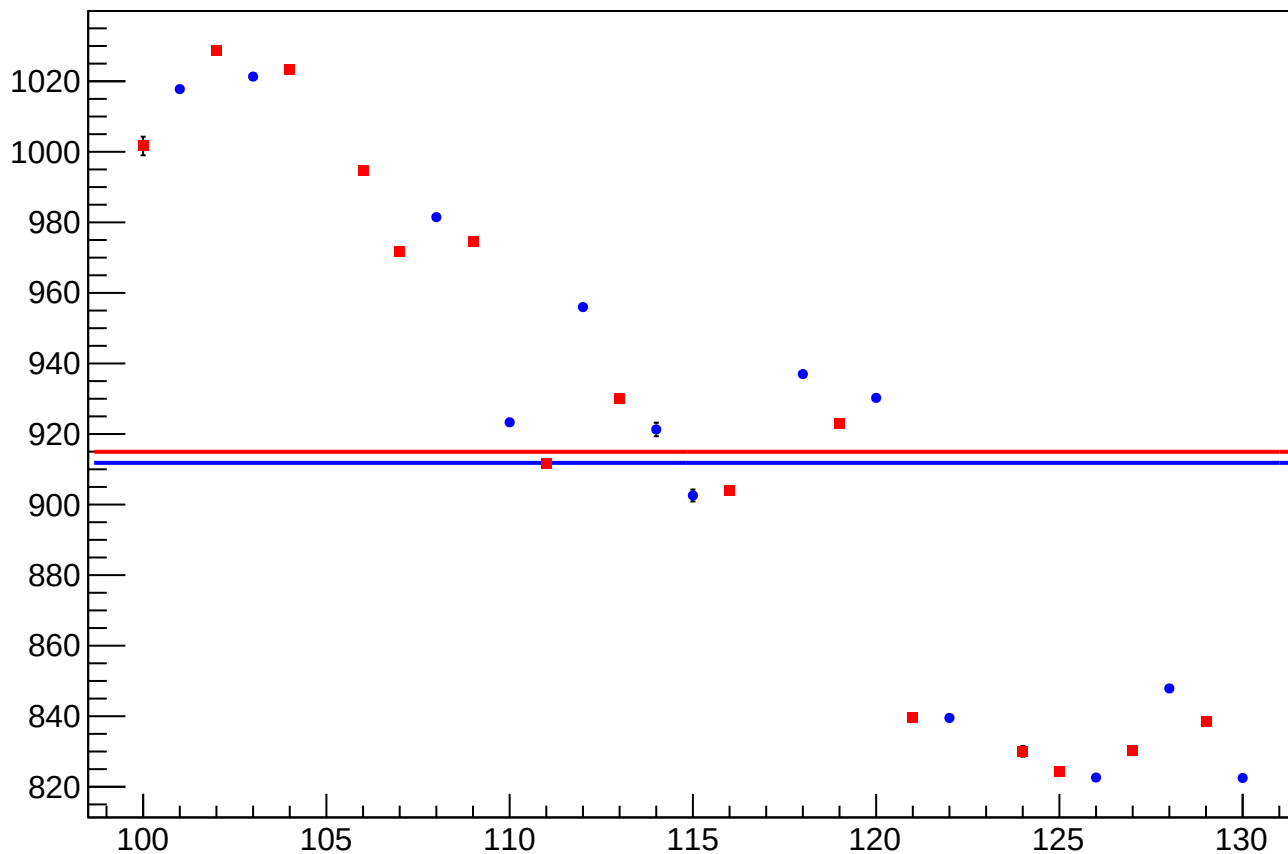
Right: -1.612 ± 0.270 $\chi^2/\text{NDF}: 129.6/27$

In: -0.092 ± 0.389 $\chi^2/\text{NDF}: 44.0/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.612 ± 0.270 $\chi^2/\text{NDF}: 129.6/27$

diff_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 911.828+/-0.275 χ^2/NDF : 69445.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 914.954+/-0.266 χ^2/NDF : 74070.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

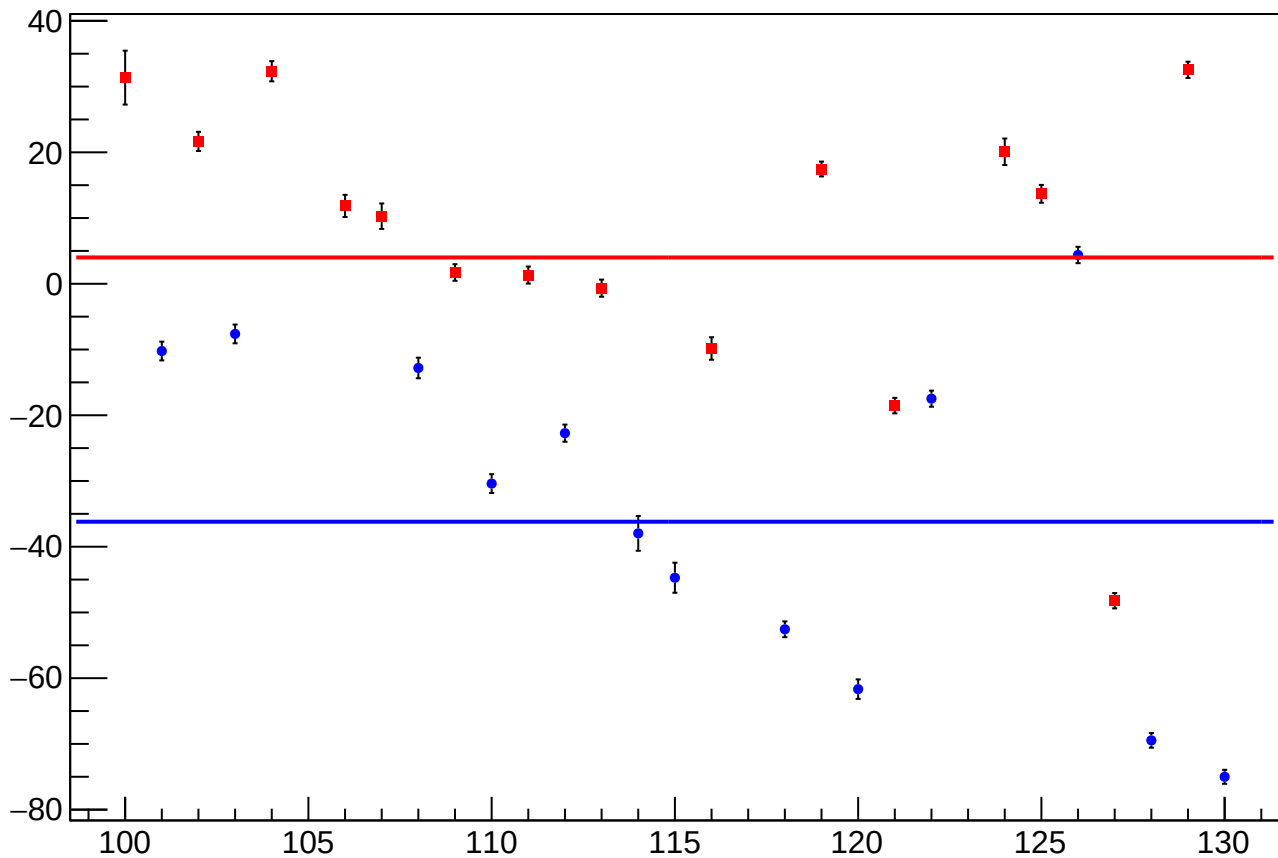
Right: 913.441+/-0.191 χ^2/NDF : 143583.2/27

In: 911.828+/-0.275 χ^2/NDF : 69445.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 913.441+/-0.191 χ^2/NDF : 143583.2/27

diff_bpm2i02X_mean vs Slug, Sign Corrected



Right In: -36.200 $\pm$ 0.379 χ^2 /NDF: 5087.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4.004 $\pm$ 0.368 χ^2 /NDF: 3799.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

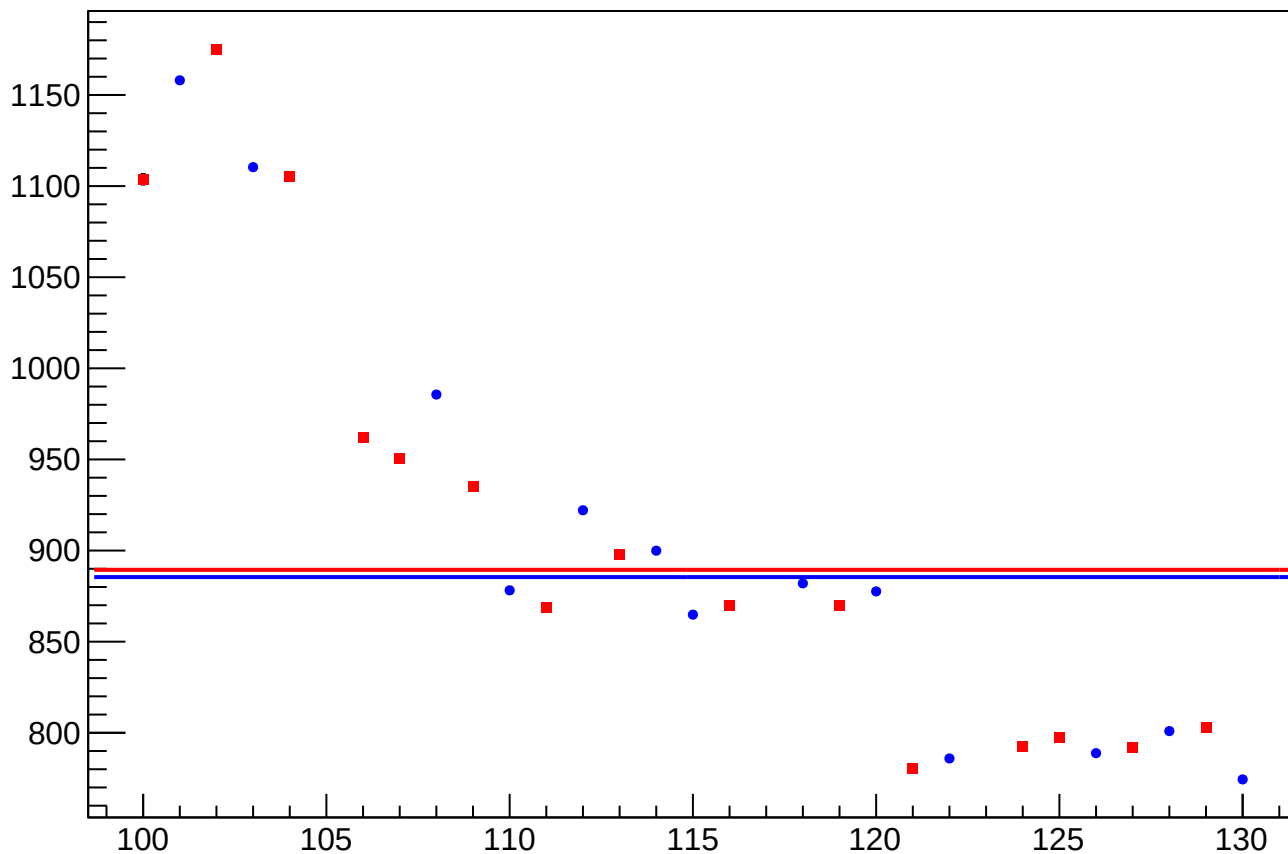
Right: -15.459 $\pm$ 0.264 χ^2 /NDF: 14679.4/27

In: -36.200 $\pm$ 0.379 χ^2 /NDF:5087.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -15.459 $\pm$ 0.264 χ^2 /NDF: 14679.4/27

diff_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 885.433+/-0.268 χ^2/NDF : 191177.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 889.442+/-0.260 χ^2/NDF : 186062.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

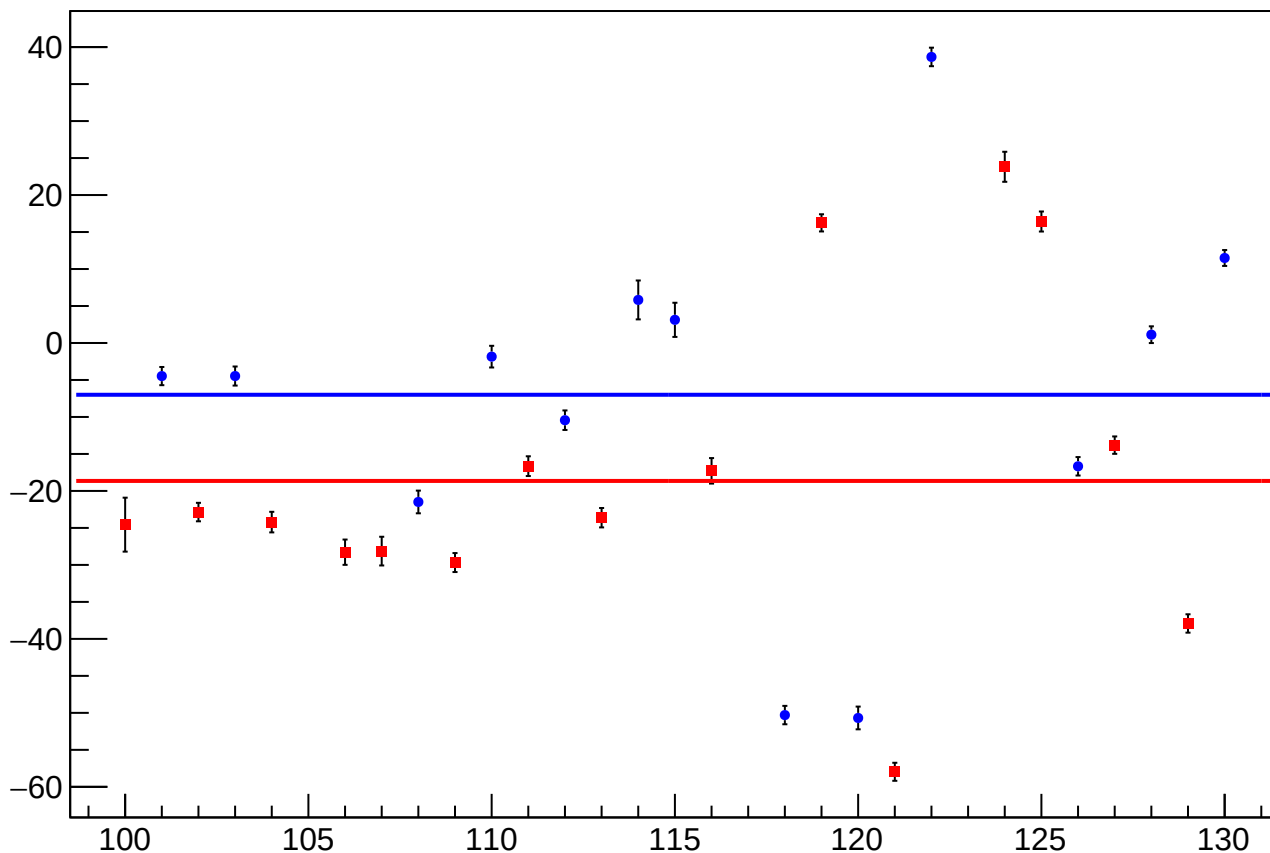
Right: 887.501+/-0.187 χ^2/NDF : 377354.9/27

In: 885.433+/-0.268 χ^2/NDF : 191177.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 887.501+/-0.187 χ^2/NDF : 377354.9/27

diff_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -7.000+/-0.376 χ^2/NDF : 3918.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -18.648+/-0.365 χ^2/NDF : 3487.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

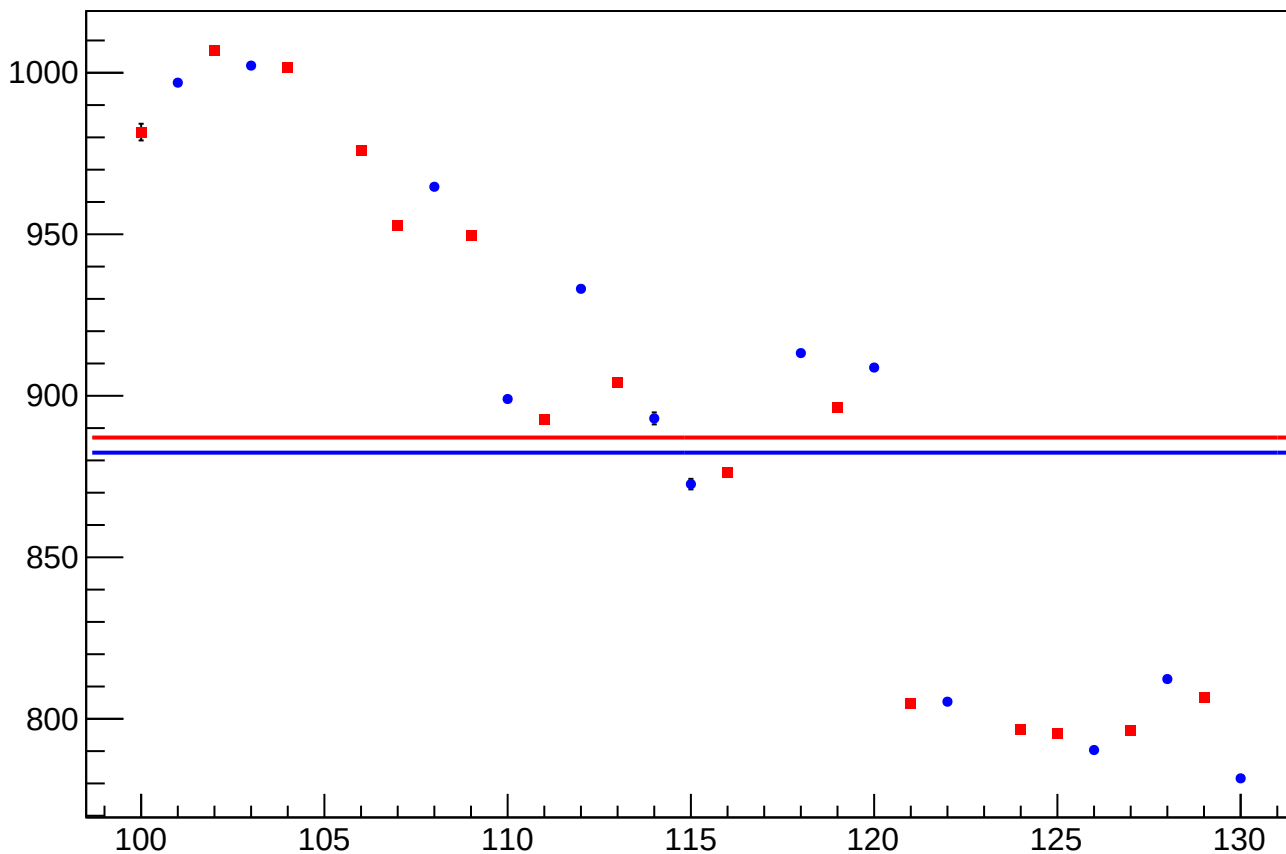
Right: -13.001+/-0.262 χ^2/NDF : 7900.5/27

In: -7.000+/-0.376 χ^2/NDF :3918.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -13.001+/-0.262 χ^2/NDF : 7900.5/27

diff_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 882.400+/-0.266 χ^2/NDF : 89309.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 887.076+/-0.258 χ^2/NDF : 88946.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

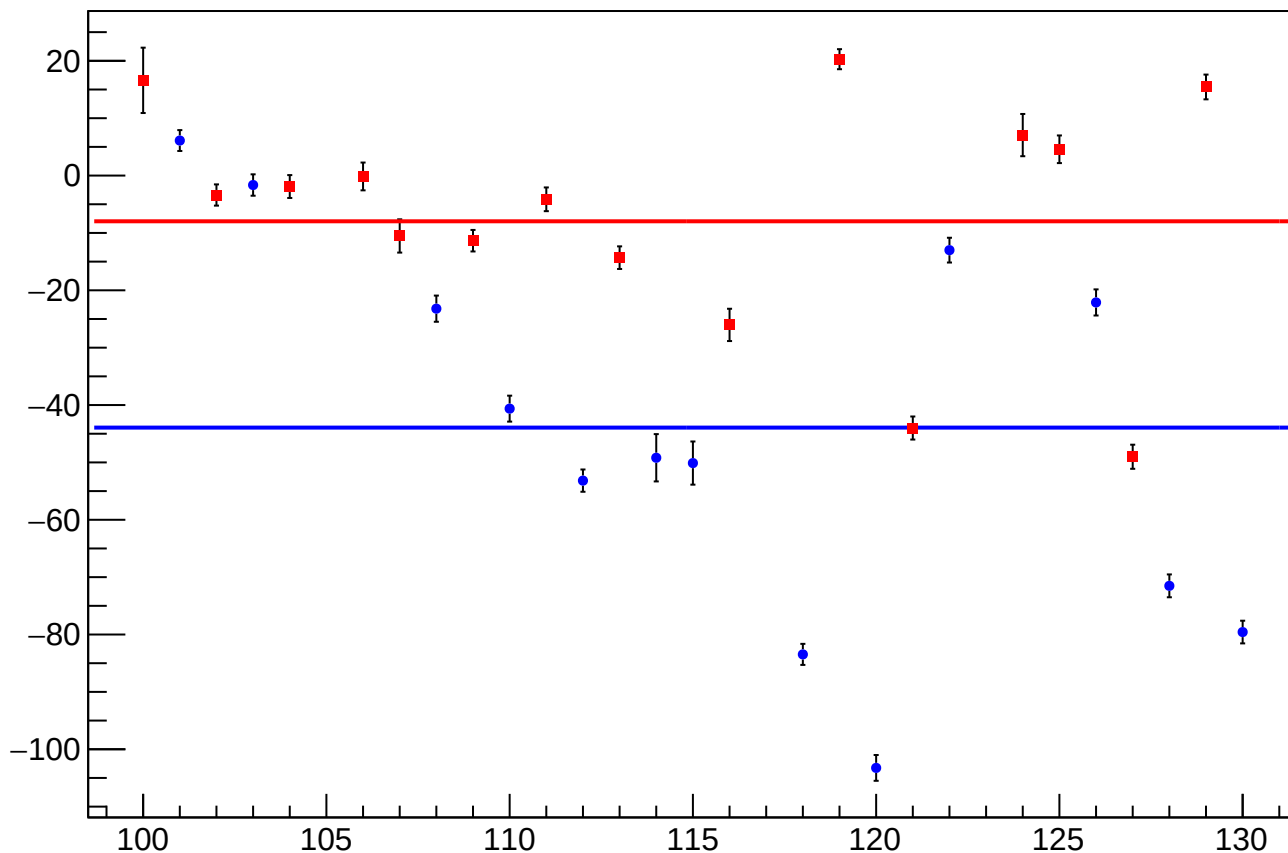
Right: 884.809+/-0.185 χ^2/NDF : 178414.6/27

In: 882.400+/-0.266 χ^2/NDF : 89309.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 884.809+/-0.185 χ^2/NDF : 178414.6/27

diff_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -43.932+/-0.599 χ^2/NDF : 3357.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -7.970+/-0.575 χ^2/NDF : 1230.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

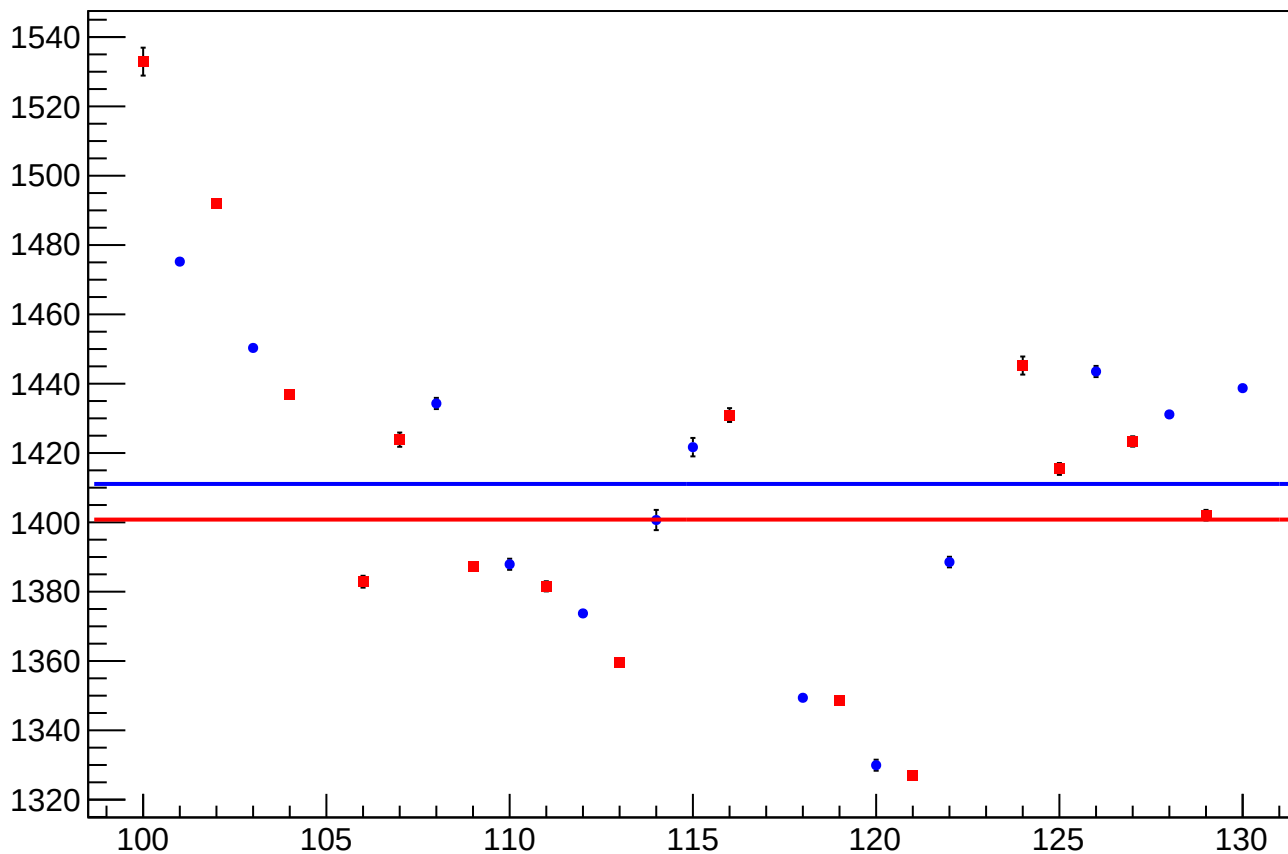
Right: -25.189+/-0.415 χ^2/NDF : 6462.7/27

In: -43.932+/-0.599 χ^2/NDF :3357.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -25.189+/-0.415 χ^2/NDF : 6462.7/27

diff_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 1411.078+/-0.424 χ^2/NDF : 10643.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1400.797+/-0.406 χ^2/NDF : 13290.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

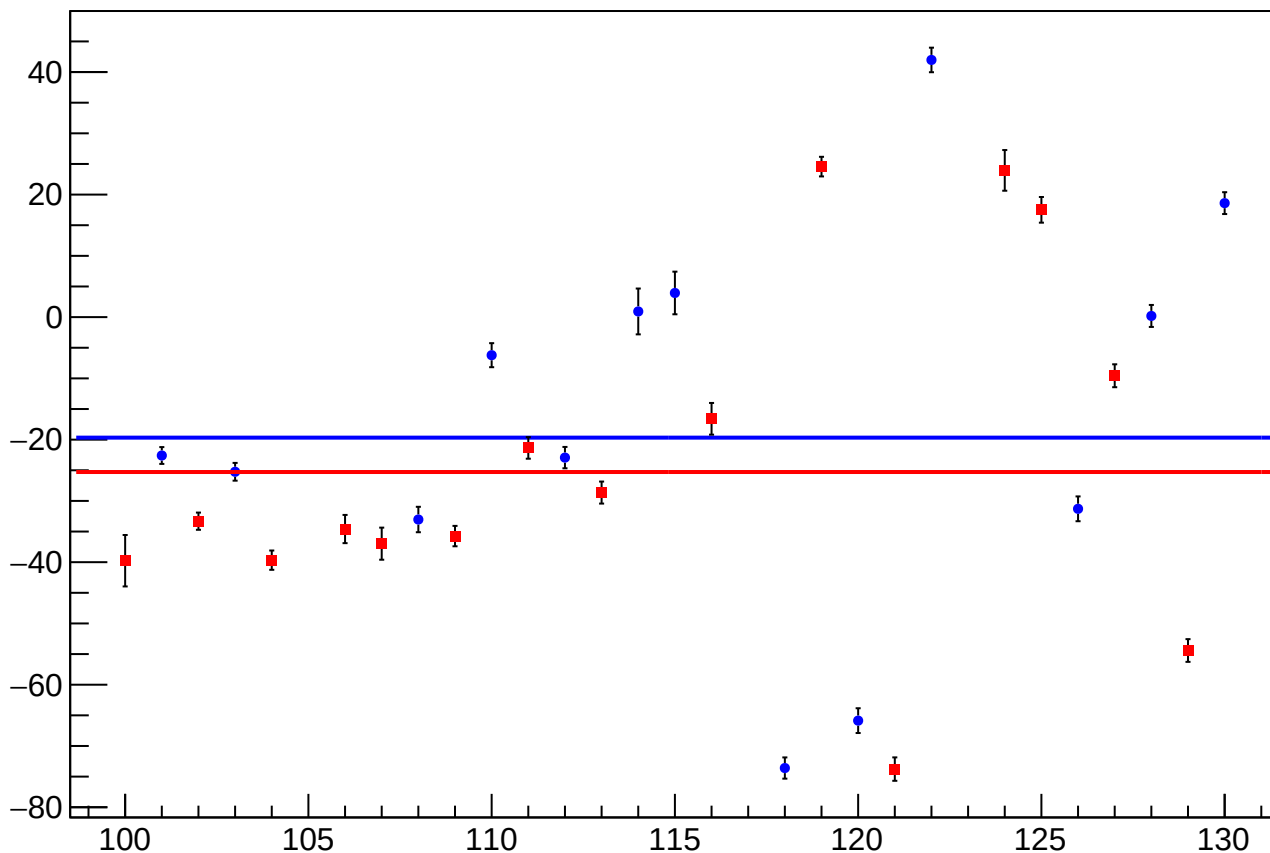
Right: 1405.720+/-0.293 χ^2/NDF : 24240.3/27

In: 1411.078+/-0.424 χ^2/NDF : 10643.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1405.720+/-0.293 χ^2/NDF : 24240.3/27

diff_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -19.671+/-0.521 χ^2/NDF : 3242.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.283+/-0.500 χ^2/NDF : 2791.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

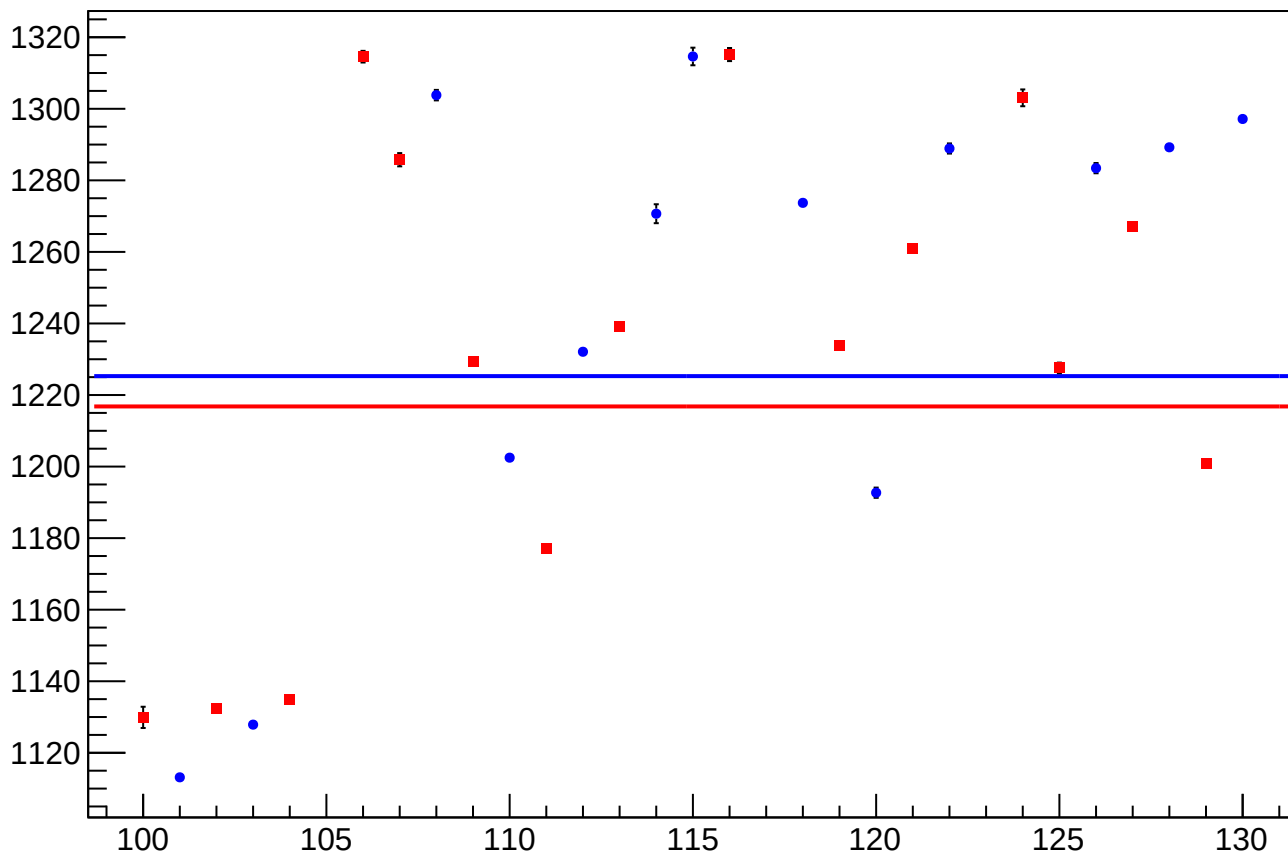
Right: -22.595+/-0.361 χ^2/NDF : 6093.9/27

In: -19.671+/-0.521 χ^2/NDF : 3242.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.595+/-0.361 χ^2/NDF : 6093.9/27

diff_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 1225.284+/-0.369 χ^2/NDF : 38694.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1216.807+/-0.353 χ^2/NDF : 27132.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

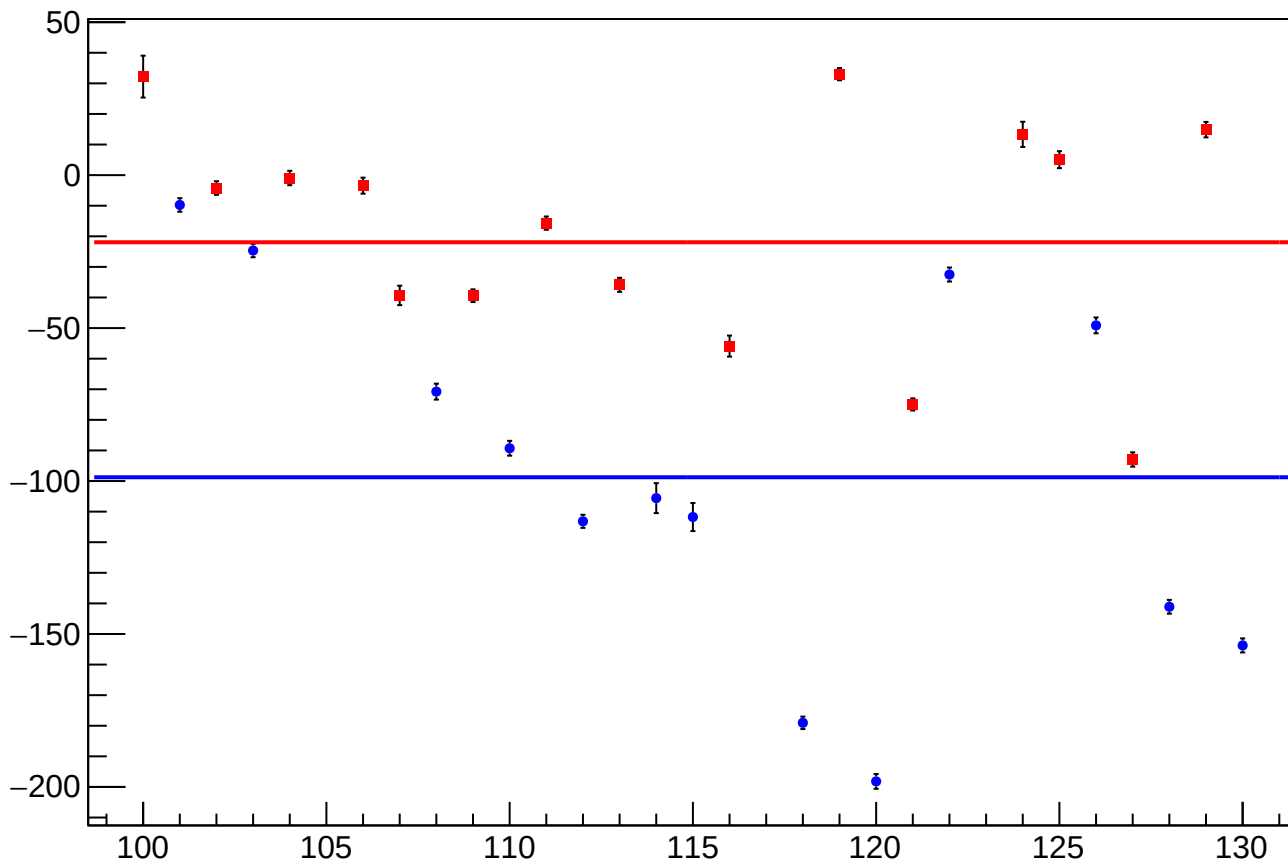
Right: 1220.867+/-0.255 χ^2/NDF : 66103.0/27

In: 1225.284+/-0.369 χ^2/NDF :38694.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1220.867+/-0.255 χ^2/NDF : 66103.0/27

diff_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: -98.764+/-0.679 χ^2/NDF : 8272.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -21.945+/-0.646 χ^2/NDF : 3270.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

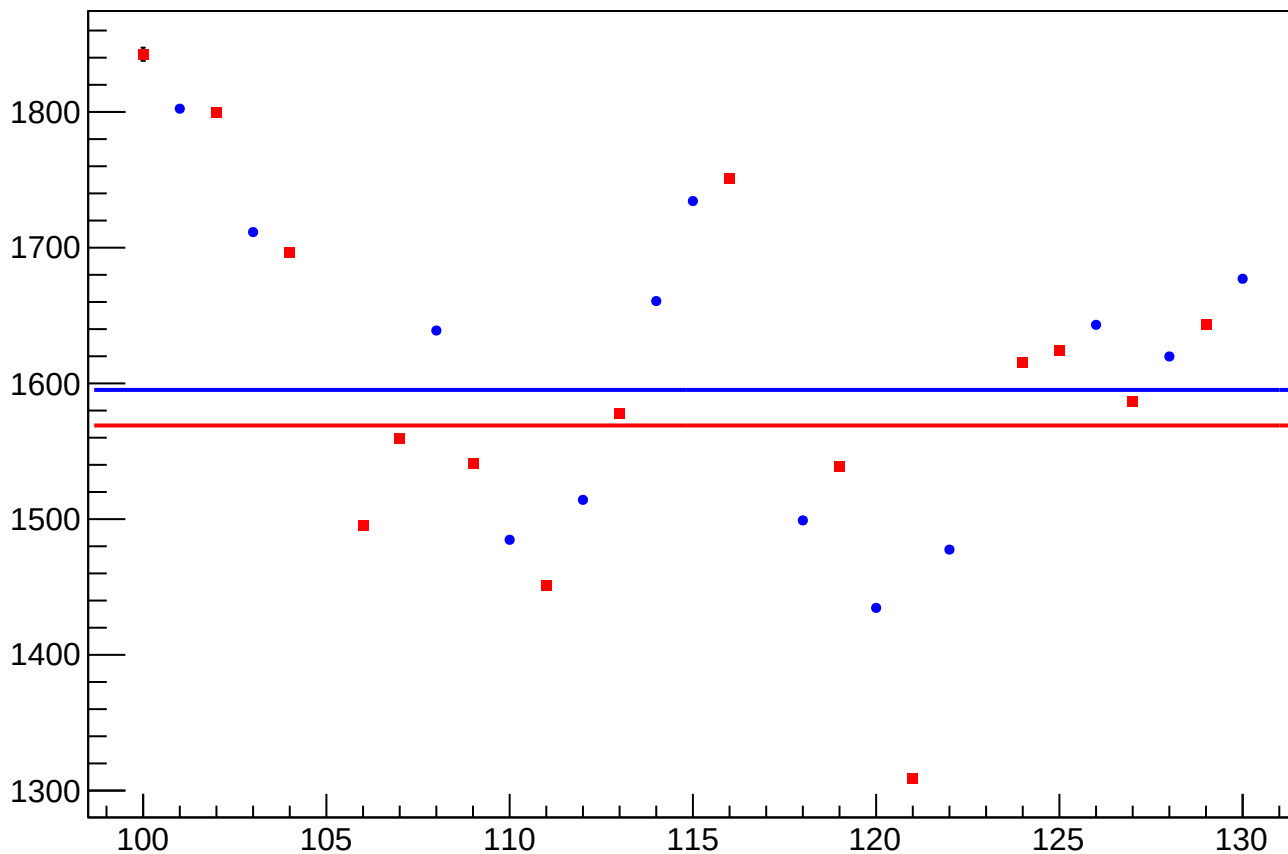
Right: -58.401+/-0.468 χ^2/NDF : 18262.4/27

In: -98.764+/-0.679 χ^2/NDF :8272.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -58.401+/-0.468 χ^2/NDF : 18262.4/27

diff_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 1595.203+/-0.480 χ^2/NDF : 54637.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1568.995+/-0.457 χ^2/NDF : 81774.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

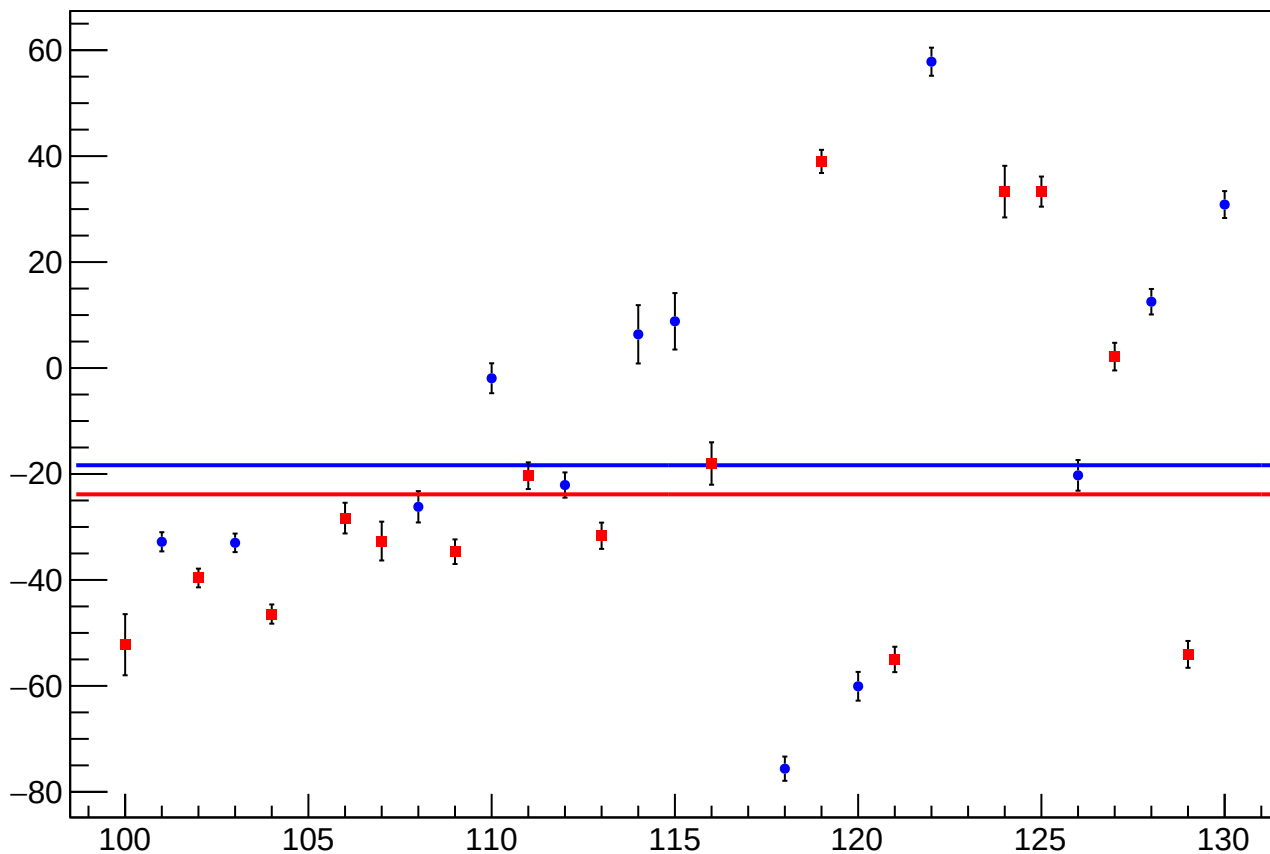
Right: 1581.432+/-0.331 χ^2/NDF : 137976.0/27

In: 1595.203+/-0.480 χ^2/NDF : 54637.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1581.432+/-0.331 χ^2/NDF : 137976.0/27

diff_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -18.348 ± 0.701 χ^2/NDF : 2452.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -23.840 ± 0.664 χ^2/NDF : 2082.9/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

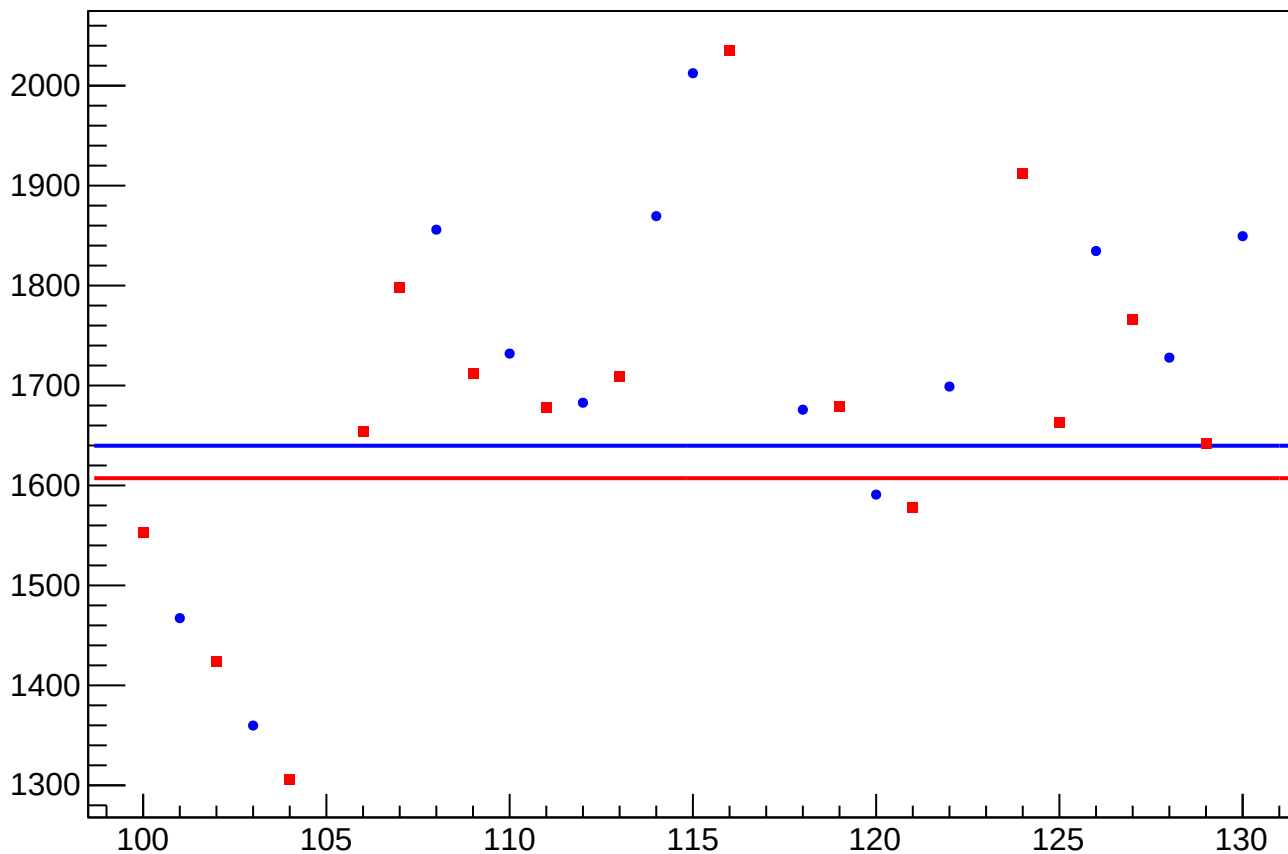
Right: -21.245 ± 0.482 χ^2/NDF : 4568.1/27

In: -18.348 ± 0.701 χ^2/NDF : 2452.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -21.245 ± 0.482 χ^2/NDF : 4568.1/27

diff_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 1639.761 $\pm$ 0.496 χ^2 /NDF: 123654.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1607.297 $\pm$ 0.470 χ^2 /NDF: 133554.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

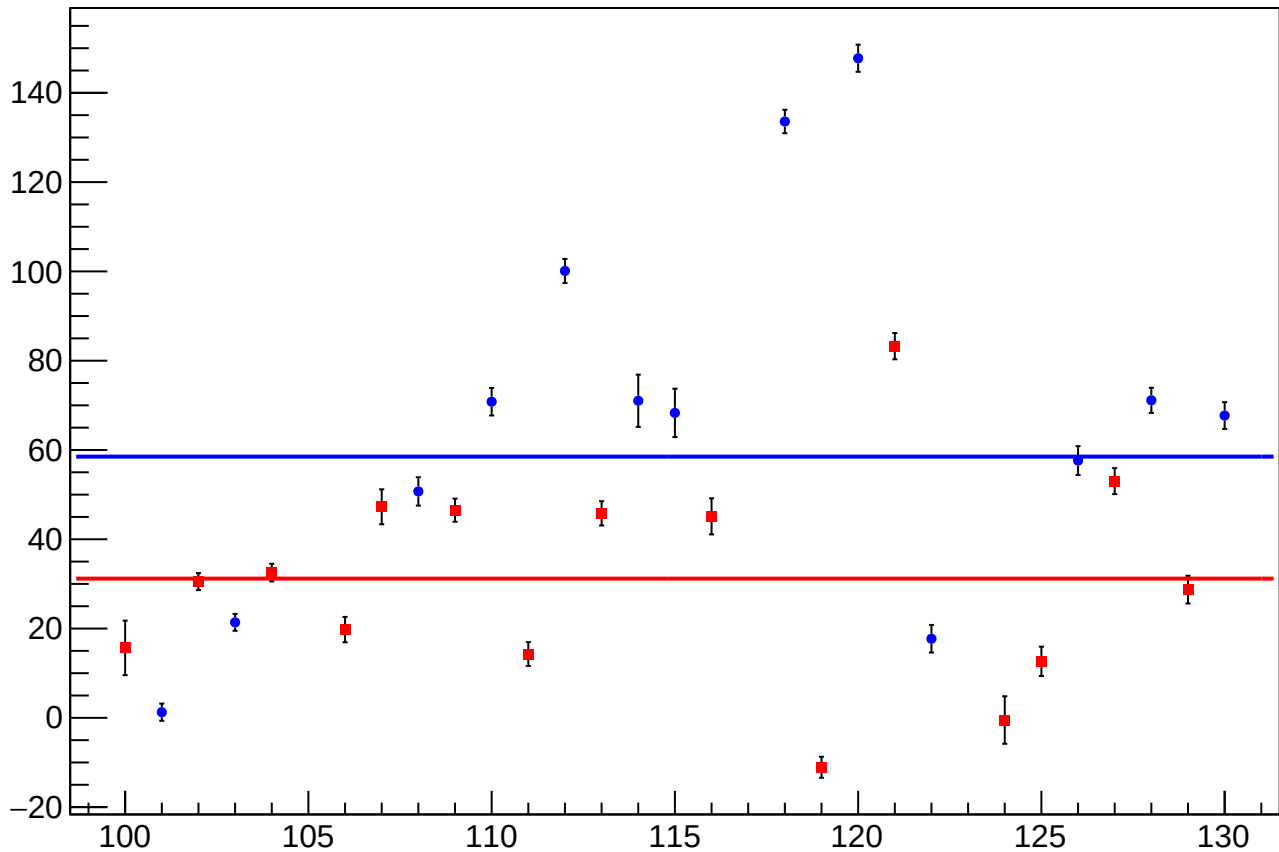
Right: 1622.641 $\pm$ 0.341 χ^2 /NDF: 259467.8/27

In: 1639.761 $\pm$ 0.496 χ^2 /NDF:123654.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1622.641 $\pm$ 0.341 χ^2 /NDF: 259467.8/27

diff_bpm0i05X_mean vs Slug, Sign Corrected



Right In: 58.512 $\pm$ 0.780 χ^2 /NDF: 3417.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 31.186 $\pm$ 0.730 χ^2 /NDF: 913.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

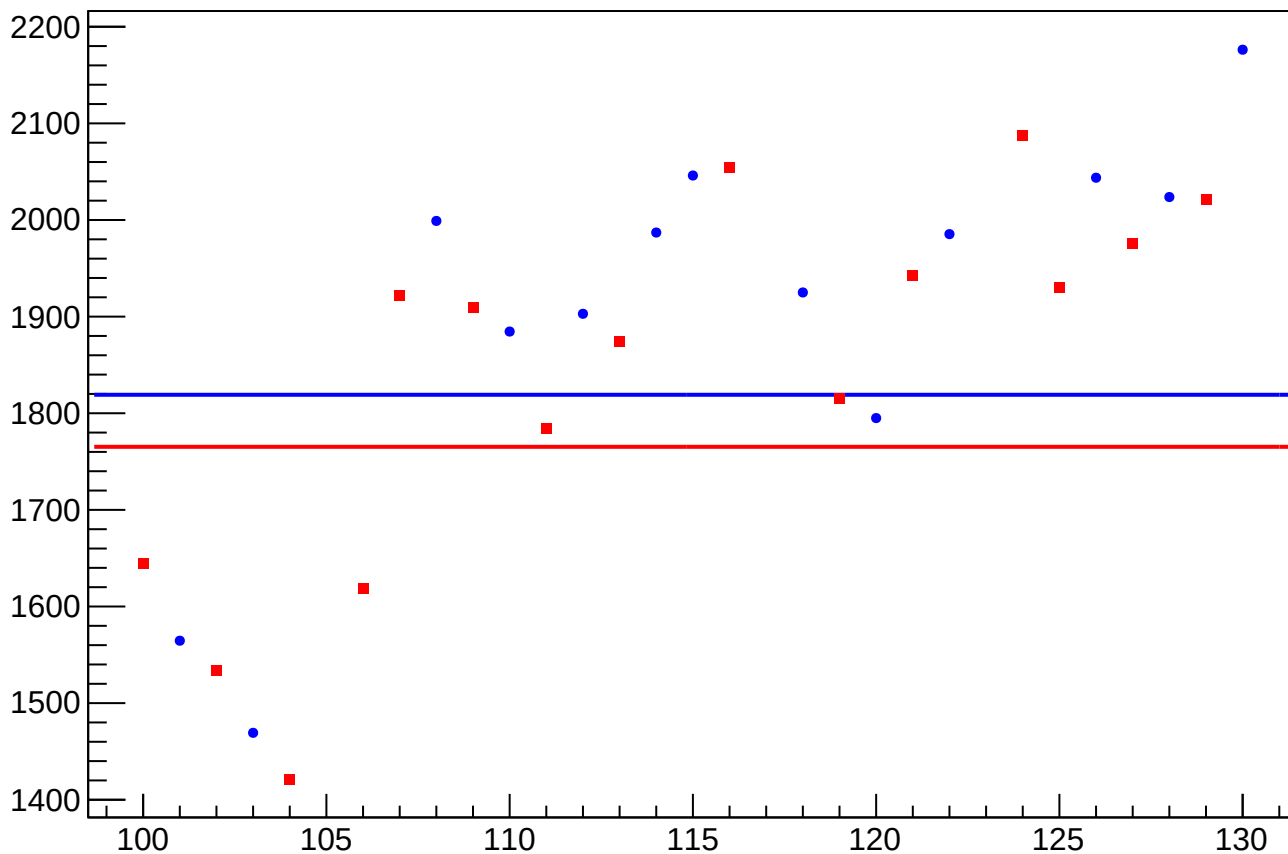
Right: 43.946 $\pm$ 0.533 χ^2 /NDF: 4985.7/27

In: 58.512 $\pm$ 0.780 χ^2 /NDF: 3417.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 43.946 $\pm$ 0.533 χ^2 /NDF: 4985.7/27

diff_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 1819.120+/-0.551 χ^2/NDF : 175617.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1765.264+/-0.516 χ^2/NDF : 163914.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

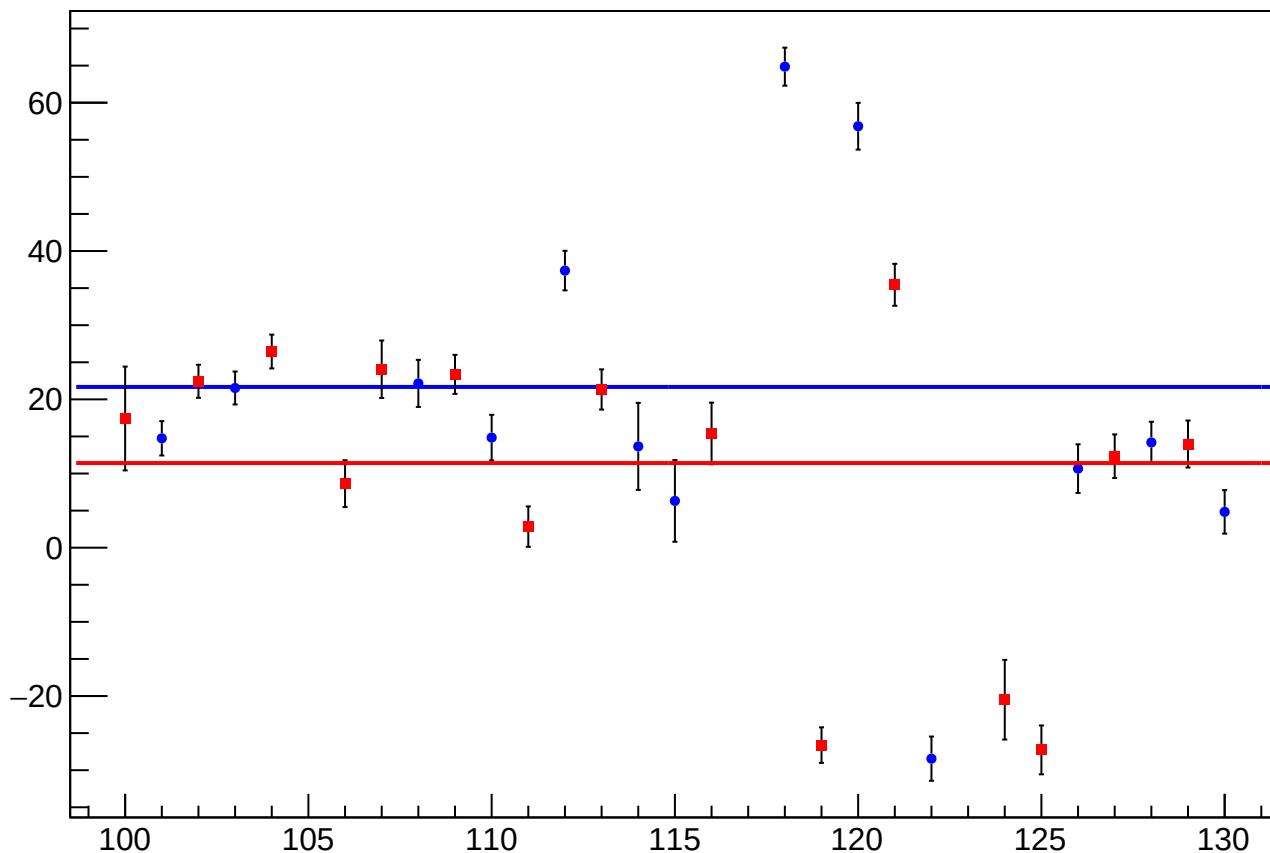
Right: 1790.411+/-0.377 χ^2/NDF : 344620.1/27

In: 1819.120+/-0.551 χ^2/NDF : 175617.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1790.411+/-0.377 χ^2/NDF : 344620.1/27

diff_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: 21.675+/-0.816 χ^2/NDF : 800.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.413+/-0.768 χ^2/NDF : 623.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

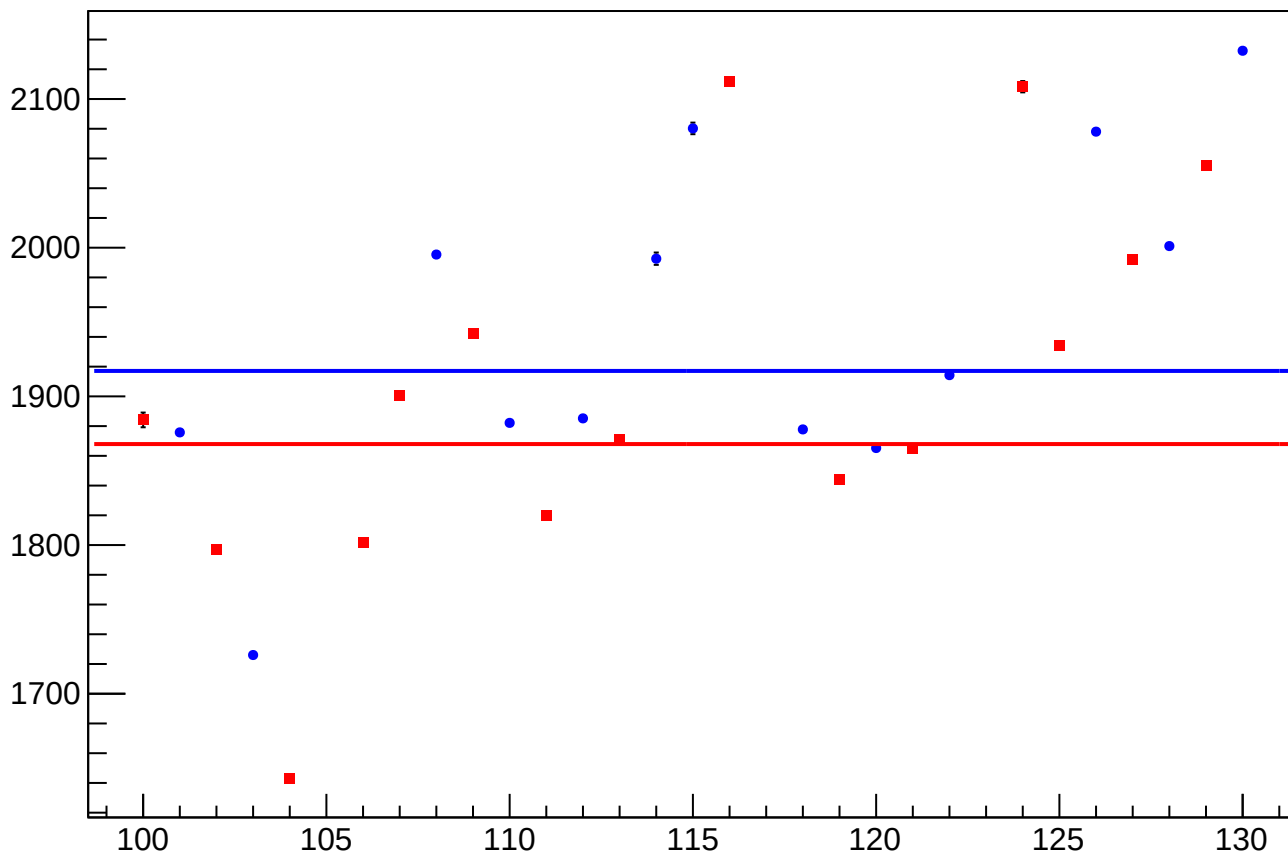
Right: 16.231+/-0.559 χ^2/NDF : 1508.0/27

In: 21.675+/-0.816 χ^2/NDF : 800.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.231+/-0.559 χ^2/NDF : 1508.0/27

diff_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 1917.112+/-0.577 χ^2/NDF : 37740.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1867.924+/-0.543 χ^2/NDF : 47156.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

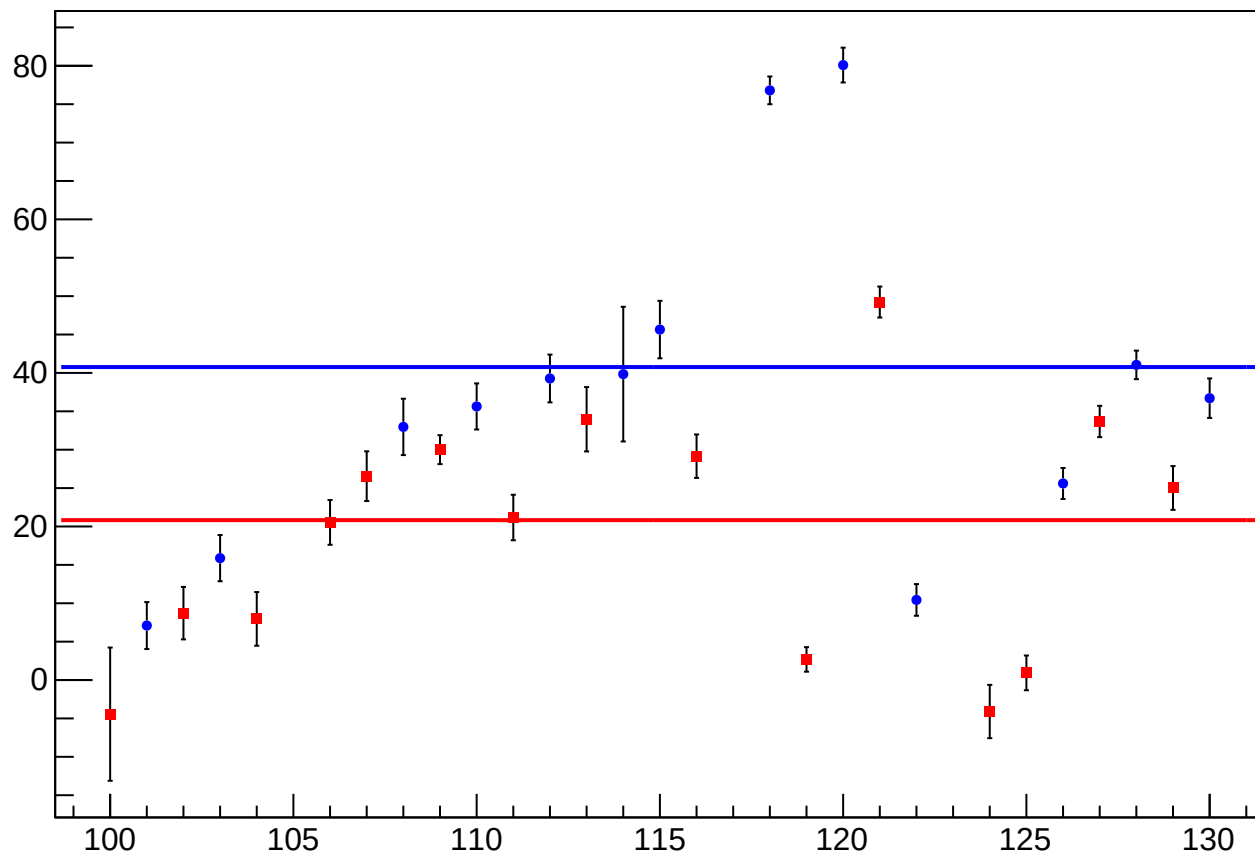
Right: 1891.019+/-0.396 χ^2/NDF : 88749.0/27

In: 1917.112+/-0.577 χ^2/NDF : 37740.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1891.019+/-0.396 χ^2/NDF : 88749.0/27

diff_bpm0i07X_mean vs Slug, Sign Corrected



Right In: 40.765+/-0.705 χ^2/NDF : 1172.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.826+/-0.667 χ^2/NDF : 578.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

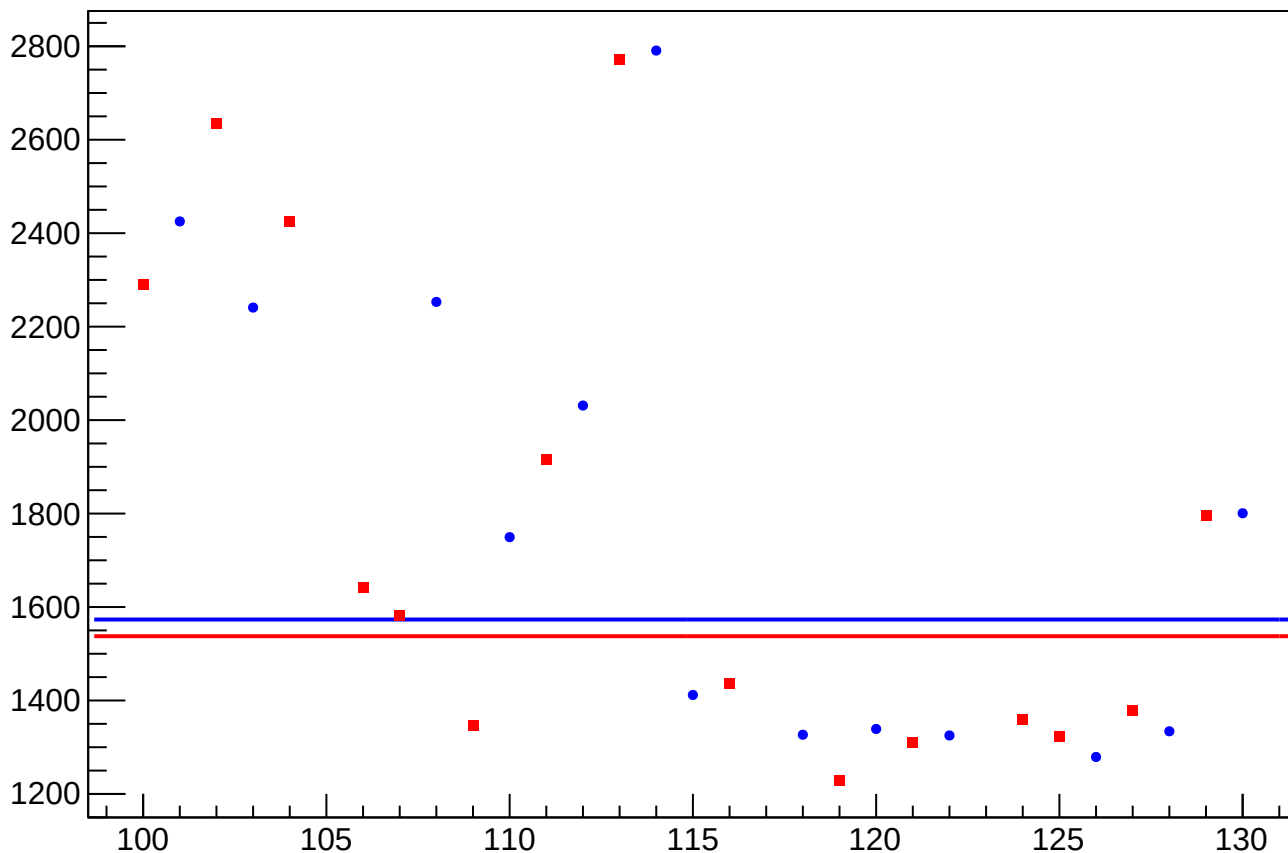
Right: 30.237+/-0.484 χ^2/NDF : 2173.0/27

In: 40.765+/-0.705 χ^2/NDF : 1172.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.237+/-0.484 χ^2/NDF : 2173.0/27

diff_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 1573.253+/-0.498 χ^2/NDF : 593314.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1537.571+/-0.471 χ^2/NDF : 734237.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

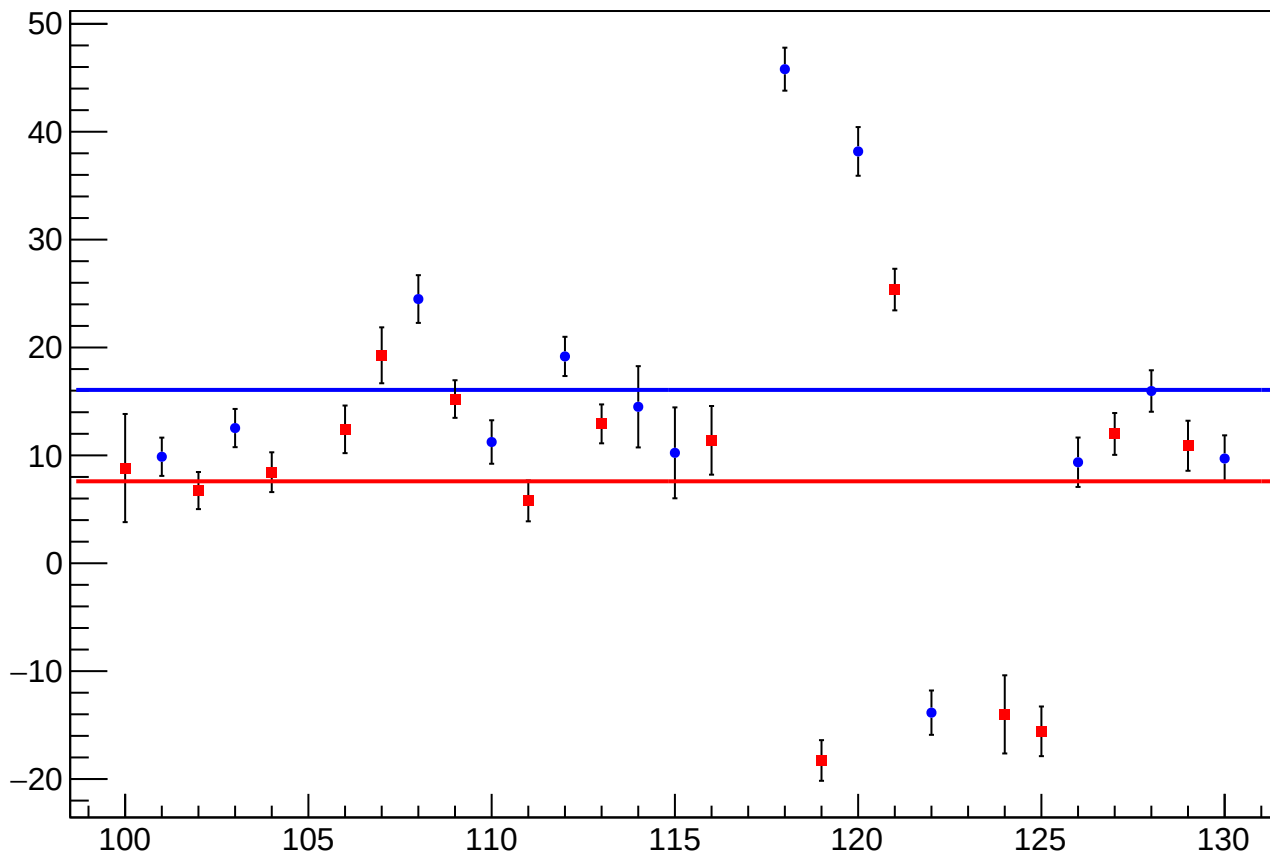
Right: 1554.413+/-0.342 χ^2/NDF : 1330258.1/27

In: 1573.253+/-0.498 χ^2/NDF : 593314.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1554.413+/-0.342 χ^2/NDF : 1330258.1/27

diff_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 16.069+/-0.589 χ^2/NDF : 589.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.597+/-0.550 χ^2/NDF : 473.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

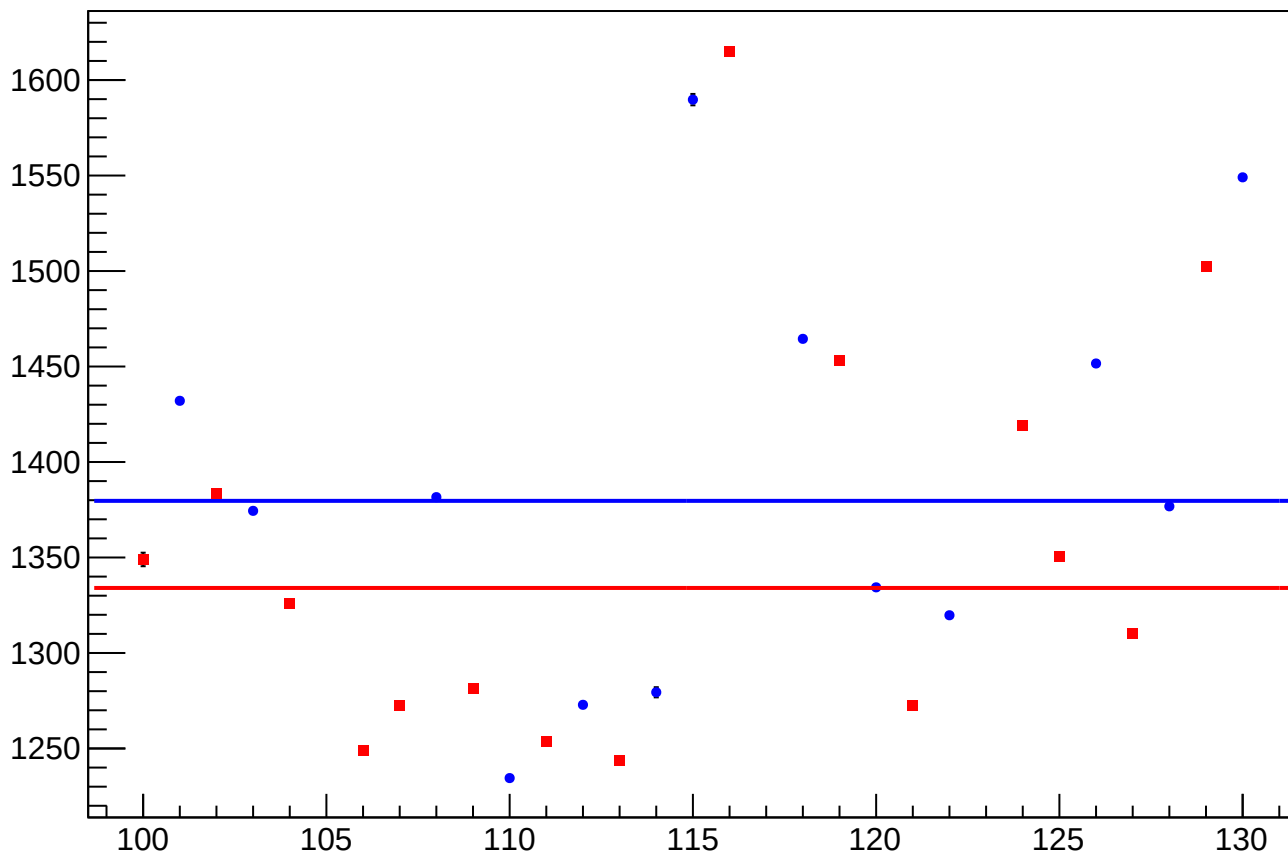
Right: 11.539+/-0.402 χ^2/NDF : 1173.4/27

In: 16.069+/-0.589 χ^2/NDF : 589.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.539+/-0.402 χ^2/NDF : 1173.4/27

diff_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 1379.657+/-0.417 χ^2/NDF : 45952.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1334.052+/-0.389 χ^2/NDF : 53944.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

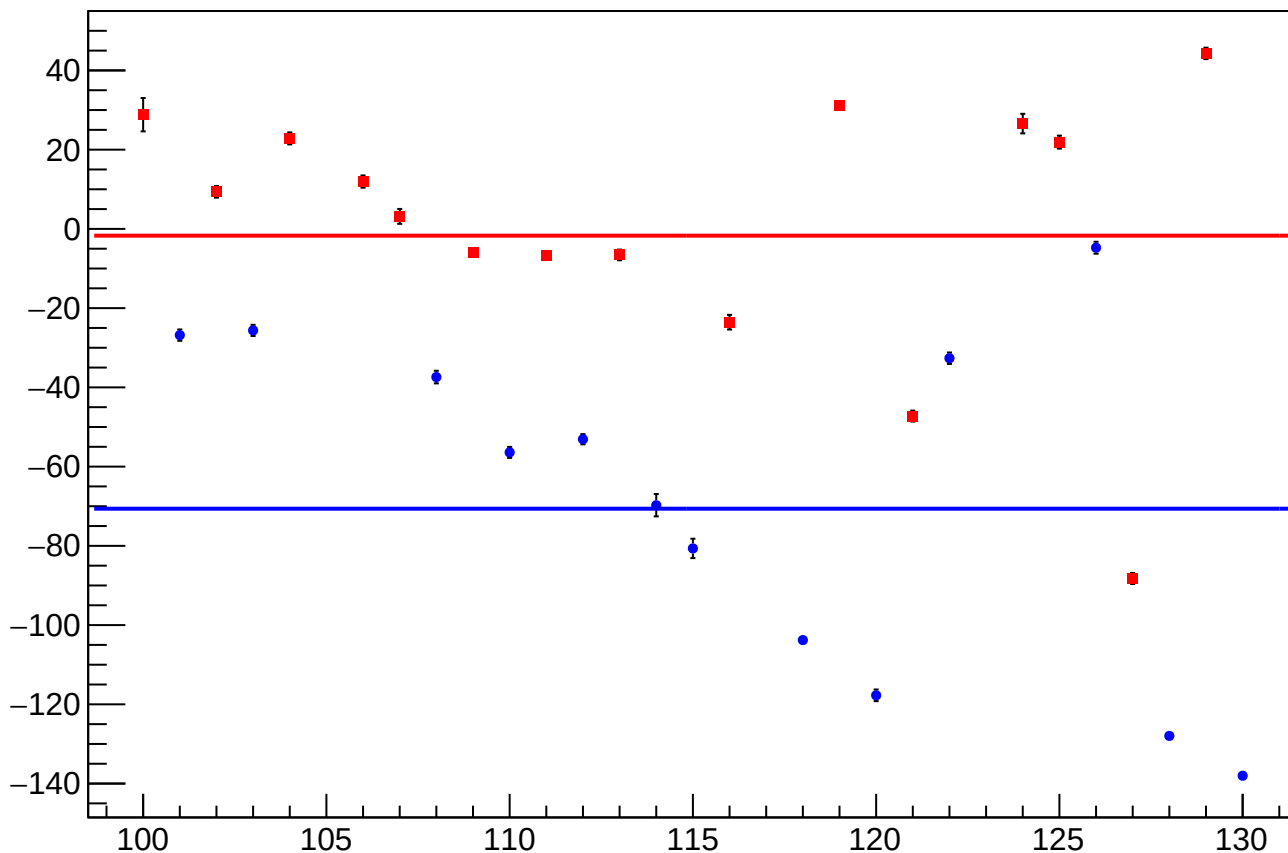
Right: 1355.271+/-0.284 χ^2/NDF : 106300.6/27

In: 1379.657+/-0.417 χ^2/NDF :45952.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1355.271+/-0.284 χ^2/NDF : 106300.6/27

diff_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -70.622 $\pm$ 0.405 χ^2 /NDF: 11899.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.708 $\pm$ 0.390 χ^2 /NDF: 7691.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

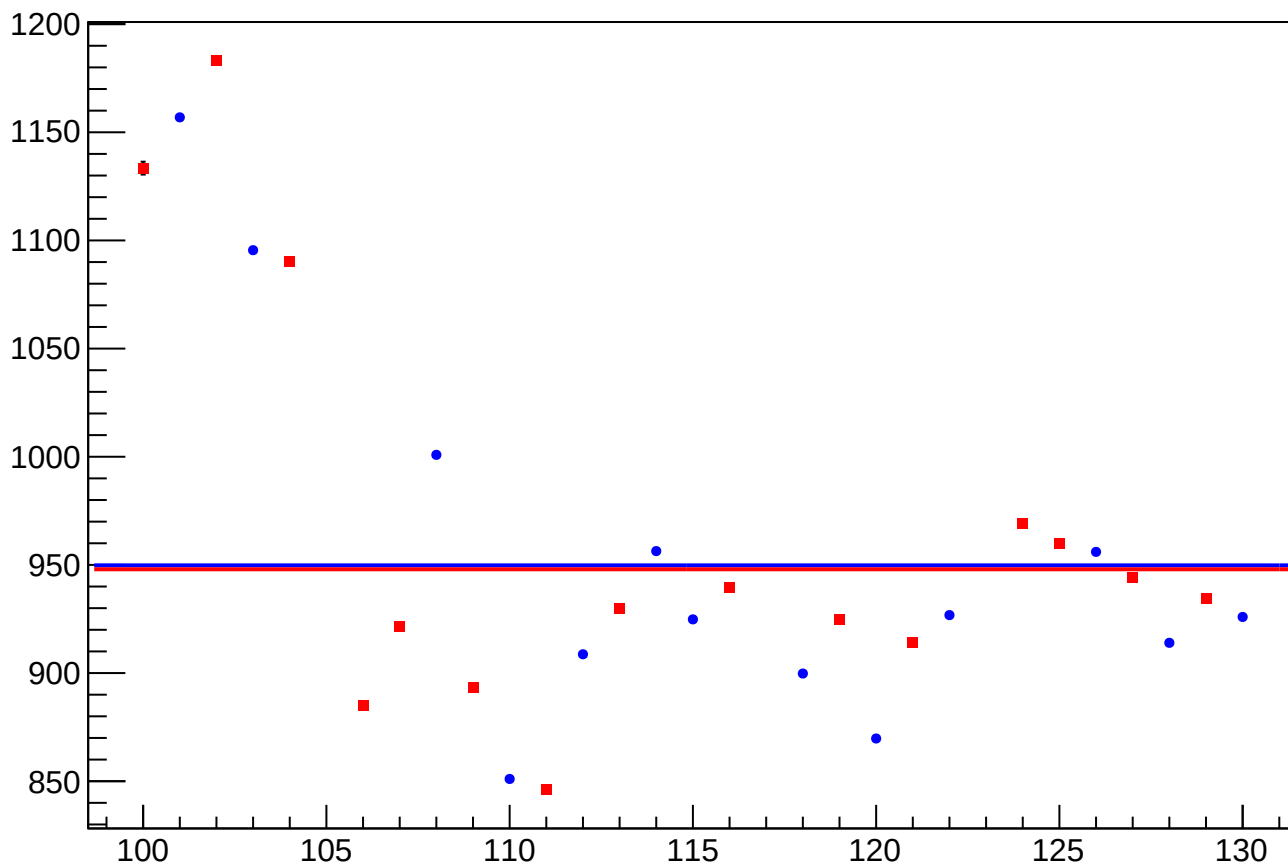
Right: -34.879 $\pm$ 0.281 χ^2 /NDF: 34592.6/27

In: -70.622 $\pm$ 0.405 χ^2 /NDF:11899.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -34.879 $\pm$ 0.281 χ^2 /NDF: 34592.6/27

diff_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 949.780 $\pm$ 0.287 χ^2 /NDF: 89978.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 947.980 $\pm$ 0.276 χ^2 /NDF: 96282.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

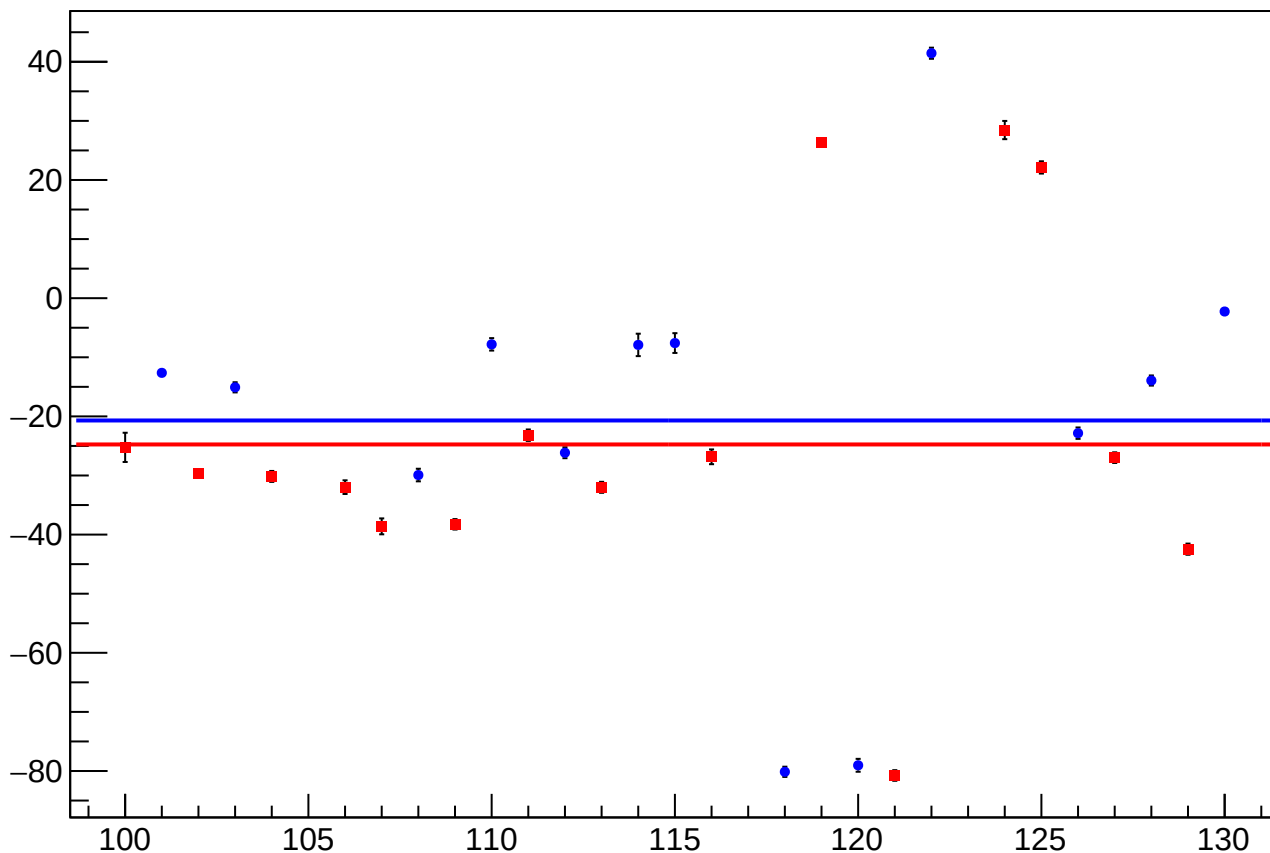
Right: 948.847 $\pm$ 0.199 χ^2 /NDF: 186281.0/27

In: 949.780 $\pm$ 0.287 χ^2 /NDF:89978.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 948.847 $\pm$ 0.199 χ^2 /NDF: 186281.0/27

diff_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: -20.691 $\pm$ 0.271 χ^2 /NDF: 13003.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -24.748 $\pm$ 0.261 χ^2 /NDF: 11940.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

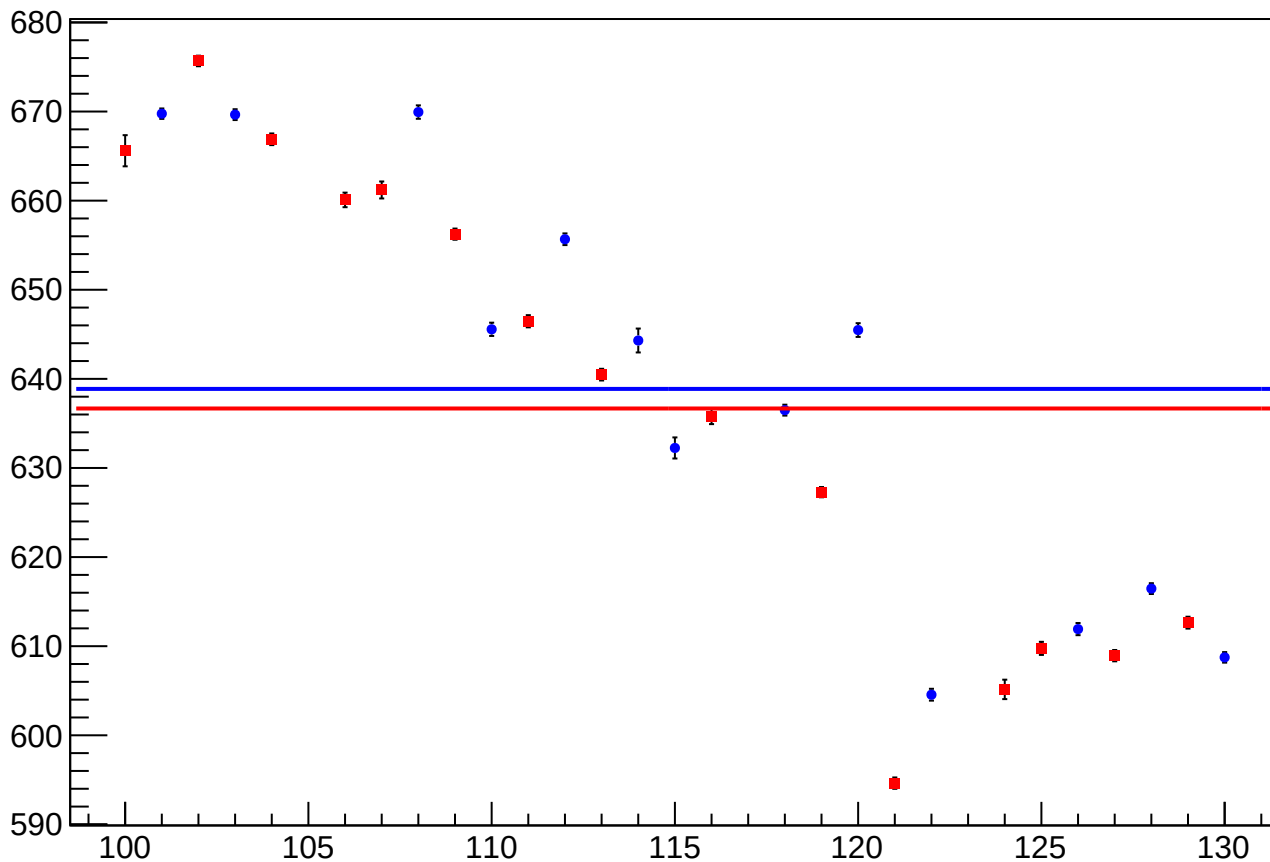
Right: -22.798 $\pm$ 0.188 χ^2 /NDF: 25059.6/27

In: -20.691 $\pm$ 0.271 χ^2 /NDF:13003.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -22.798 $\pm$ 0.188 χ^2 /NDF: 25059.6/27

diff_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 638.873+/-0.192 χ^2/NDF : 16114.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 636.675+/-0.185 χ^2/NDF : 19450.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

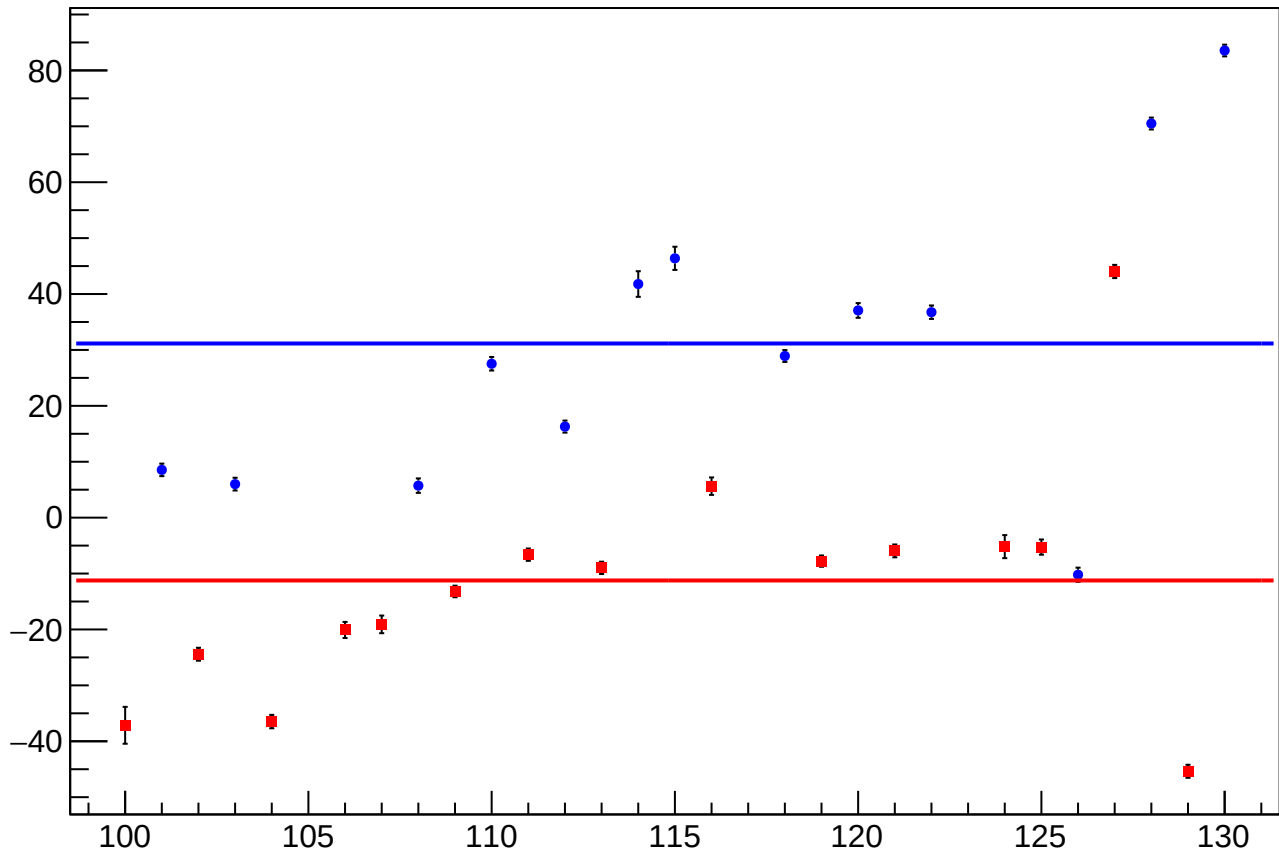
Right: 637.731+/-0.133 χ^2/NDF : 35633.1/27

In: 638.873+/-0.192 χ^2/NDF :16114.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 637.731+/-0.133 χ^2/NDF : 35633.1/27

diff_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 31.150+/-0.339 χ^2/NDF : 6528.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.237+/-0.327 χ^2/NDF : 3936.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

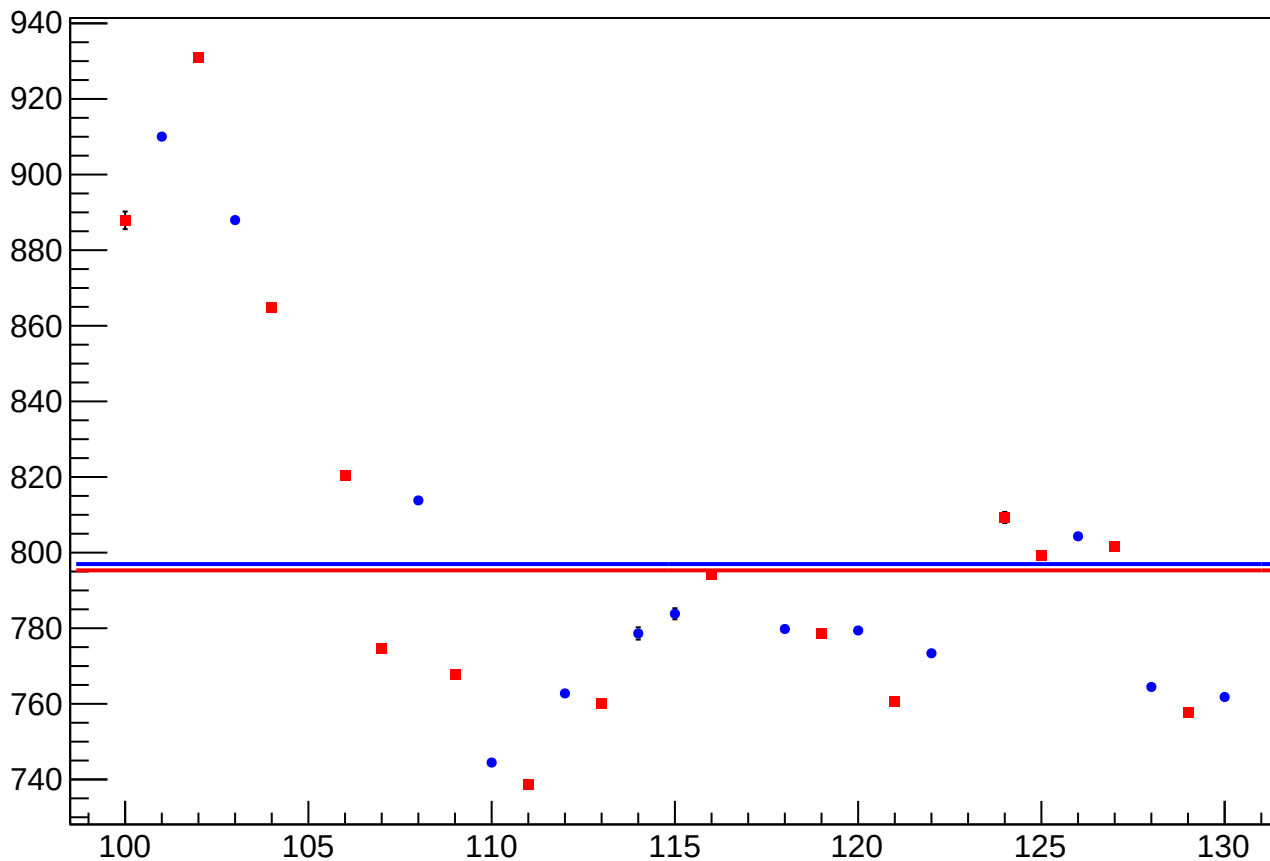
Right: 9.166+/-0.235 χ^2/NDF : 18562.4/27

In: 31.150+/-0.339 χ^2/NDF : 6528.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.166+/-0.235 χ^2/NDF : 18562.4/27

diff_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 796.968 $\pm$ 0.240 χ^2 /NDF: 45103.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 795.305 $\pm$ 0.231 χ^2 /NDF: 50107.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

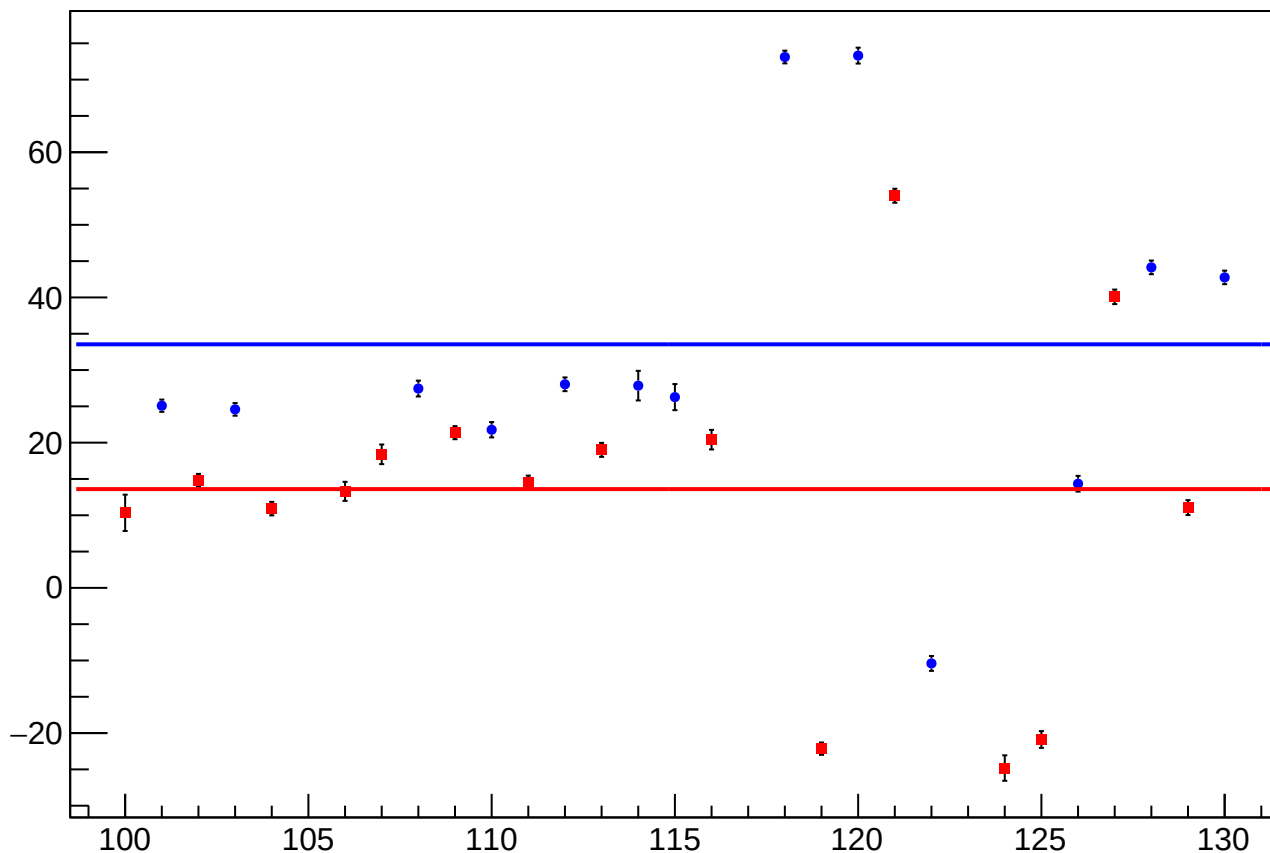
Right: 796.106 $\pm$ 0.166 χ^2 /NDF: 95235.8/27

In: 796.968 $\pm$ 0.240 χ^2 /NDF:45103.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 796.106 $\pm$ 0.166 χ^2 /NDF: 95235.8/27

diff_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 33.543+/-0.285 χ^2/NDF : 6154.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.602+/-0.275 χ^2/NDF : 5775.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

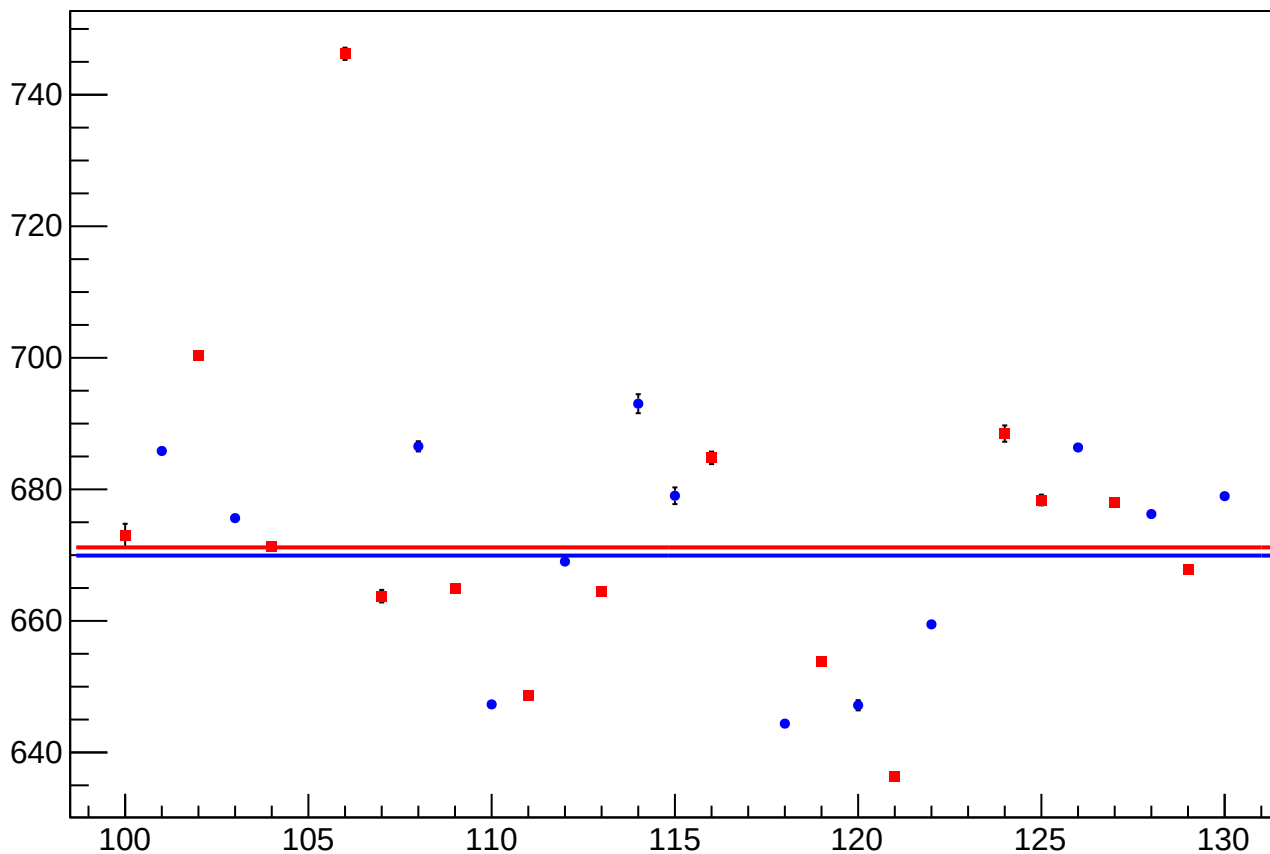
Right: 23.245+/-0.198 χ^2/NDF : 14465.5/27

In: 33.543+/-0.285 χ^2/NDF : 6154.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.245+/-0.198 χ^2/NDF : 14465.5/27

diff_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 669.933+/-0.201 χ^2/NDF : 5996.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 671.180+/-0.195 χ^2/NDF : 14180.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

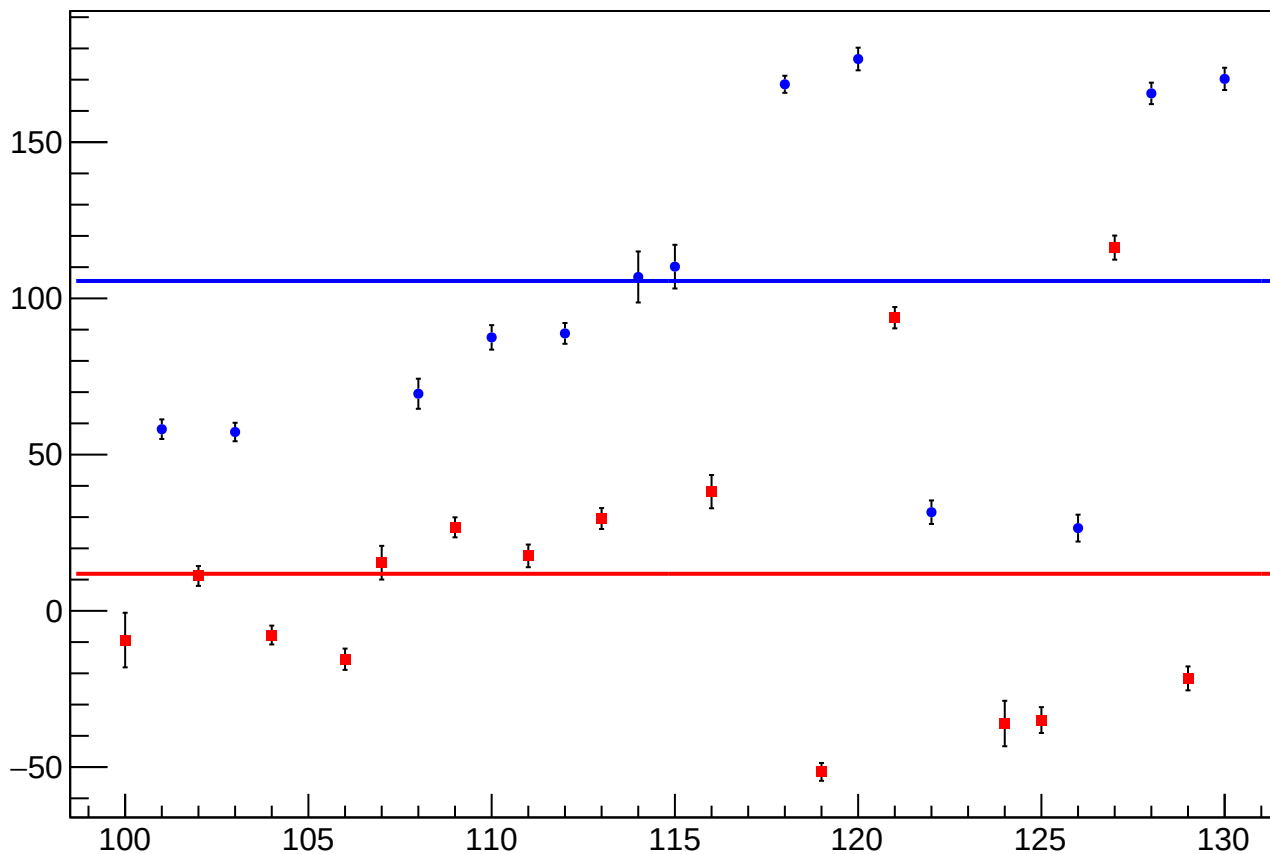
Right: 670.577+/-0.140 χ^2/NDF : 20197.7/27

In: 669.933+/-0.201 χ^2/NDF : 5996.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 670.577+/-0.140 χ^2/NDF : 20197.7/27

diff_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 105.577 $\pm$ 1.027 χ^2 /NDF: 2871.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.857 $\pm$ 0.970 χ^2 /NDF: 2240.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

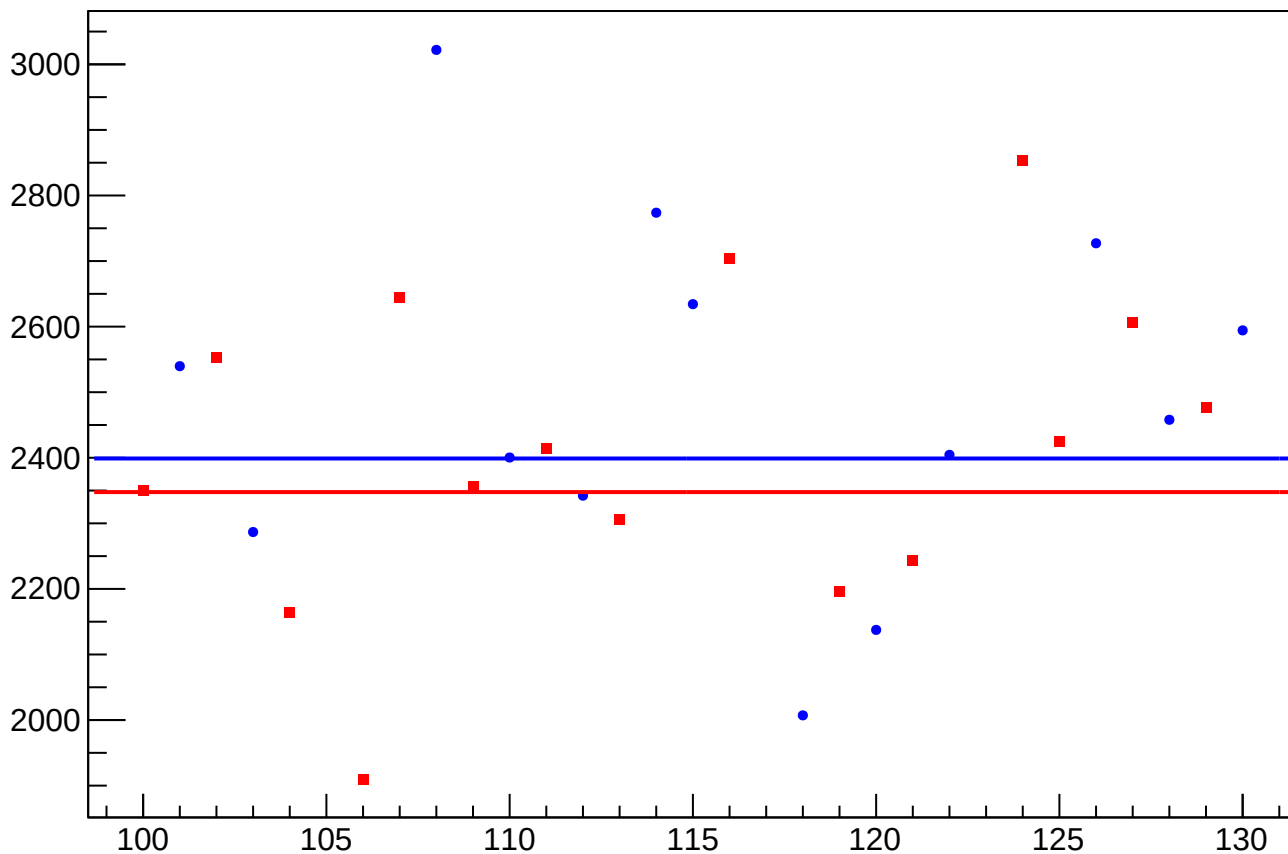
Right: 56.035 $\pm$ 0.705 χ^2 /NDF: 9512.6/27

In: 105.577 $\pm$ 1.027 χ^2 /NDF:2871.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 56.035 $\pm$ 0.705 χ^2 /NDF: 9512.6/27

diff_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 2398.893+/-0.726 χ^2/NDF : 117152.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2347.672+/-0.686 χ^2/NDF : 94198.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

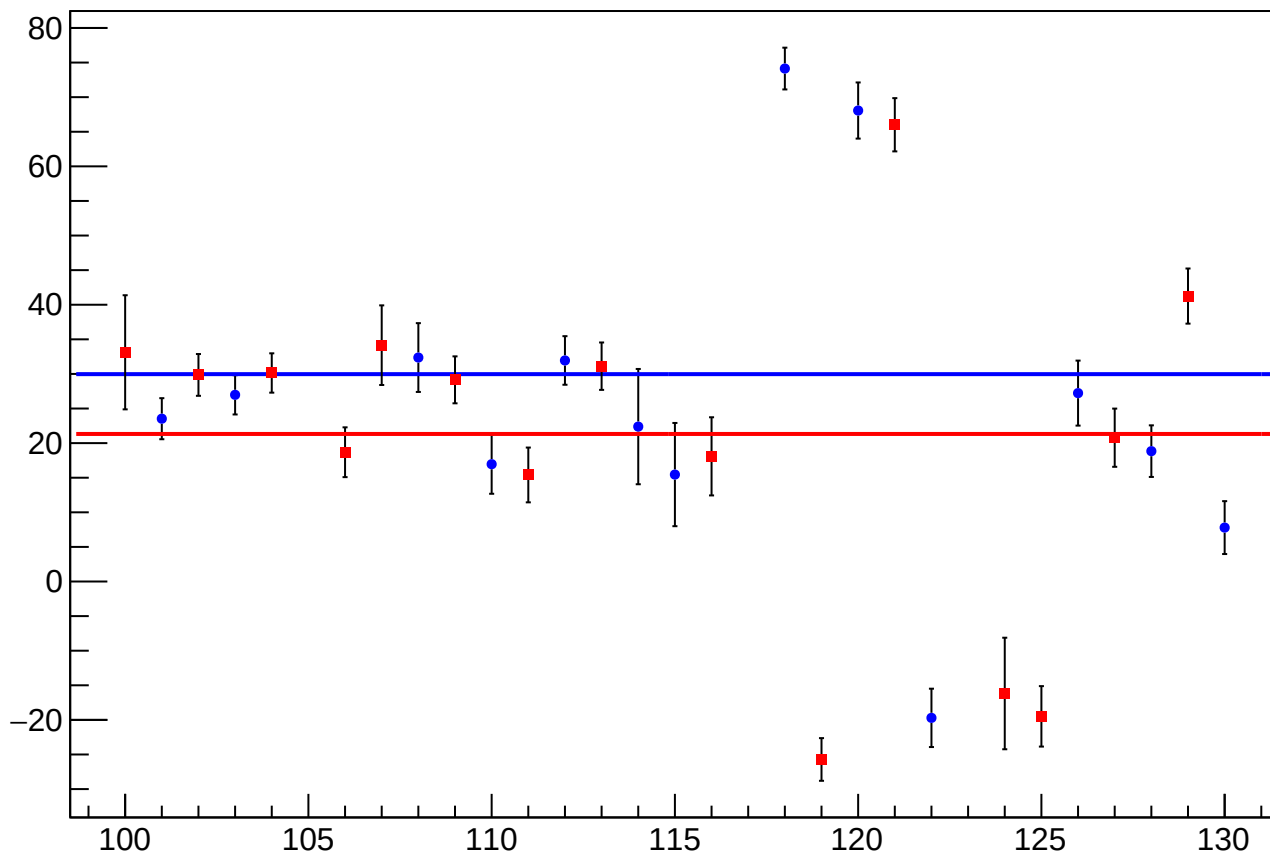
Right: 2371.817+/-0.499 χ^2/NDF : 213979.1/27

In: 2398.893+/-0.726 χ^2/NDF : 117152.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2371.817+/-0.499 χ^2/NDF : 213979.1/27

diff_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: 29.969+/-1.079 χ^2/NDF : 504.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.324+/-1.009 χ^2/NDF : 542.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

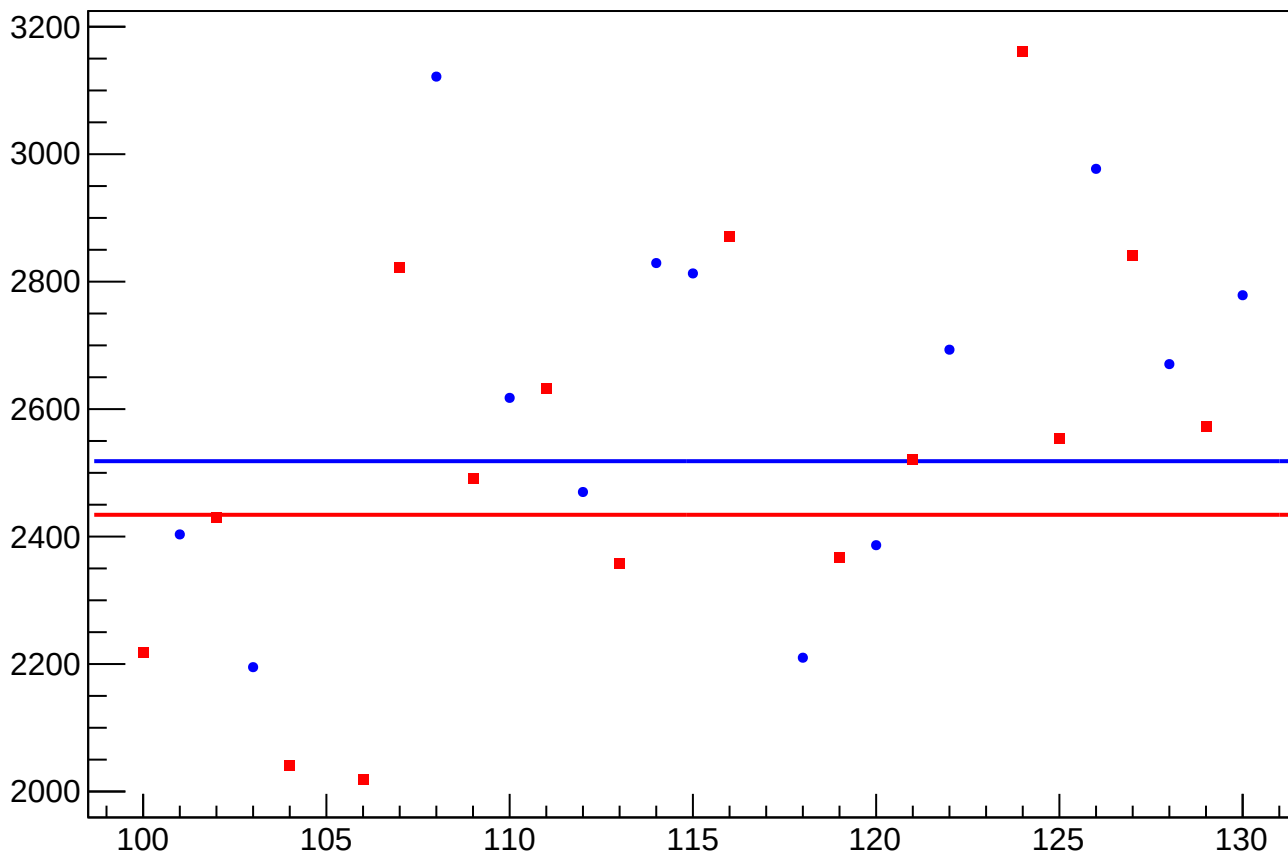
Right: 25.356+/-0.737 χ^2/NDF : 1081.3/27

In: 29.969+/-1.079 χ^2/NDF : 504.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.356+/-0.737 χ^2/NDF : 1081.3/27

diff_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 2518.314+/-0.763 χ^2/NDF : 123920.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2434.170+/-0.713 χ^2/NDF : 134718.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

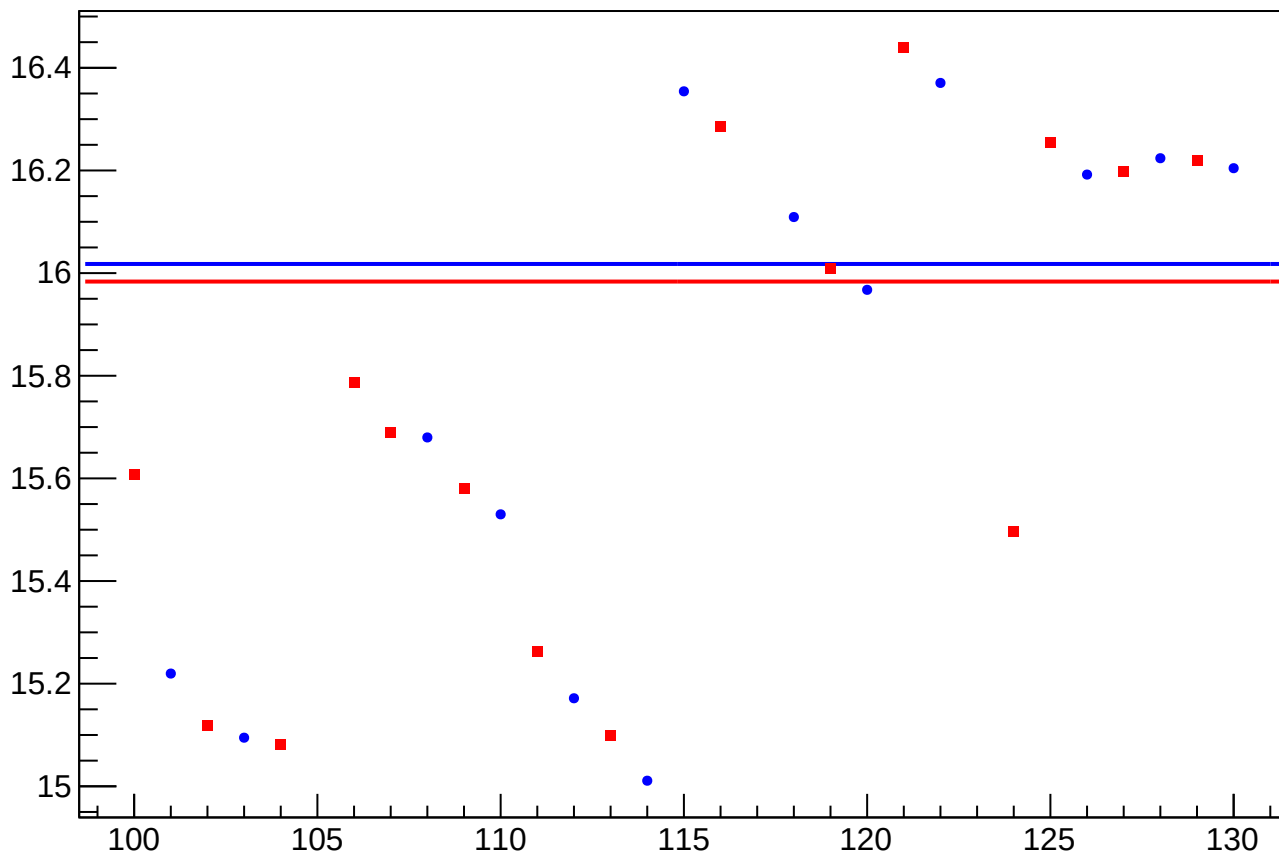
Right: 2473.412+/-0.521 χ^2/NDF : 265129.4/27

In: 2518.314+/-0.763 χ^2/NDF : 123920.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2473.412+/-0.521 χ^2/NDF : 265129.4/27

yield_sam1_mean vs Slug, Sign Corrected



Right In: 16.018+/-0.000 χ^2/NDF : 2677422599.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.984+/-0.000 χ^2/NDF : 3215742428.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

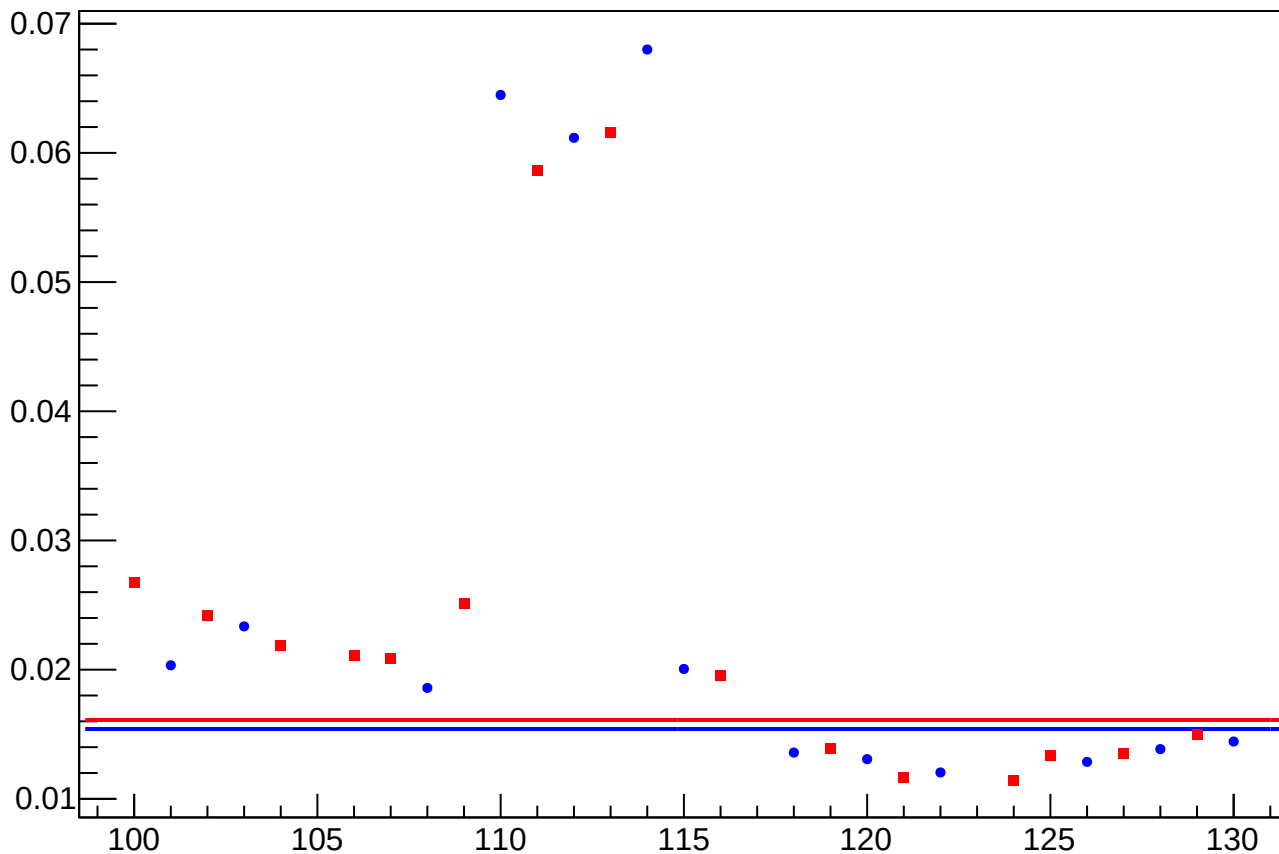
Right: 16.001+/-0.000 χ^2/NDF : 5903829528.6/27

In: 16.018+/-0.000 χ^2/NDF : 2677422599.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.001+/-0.000 χ^2/NDF : 5903829528.6/27

yield_sam1_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 1413704.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 1567713.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

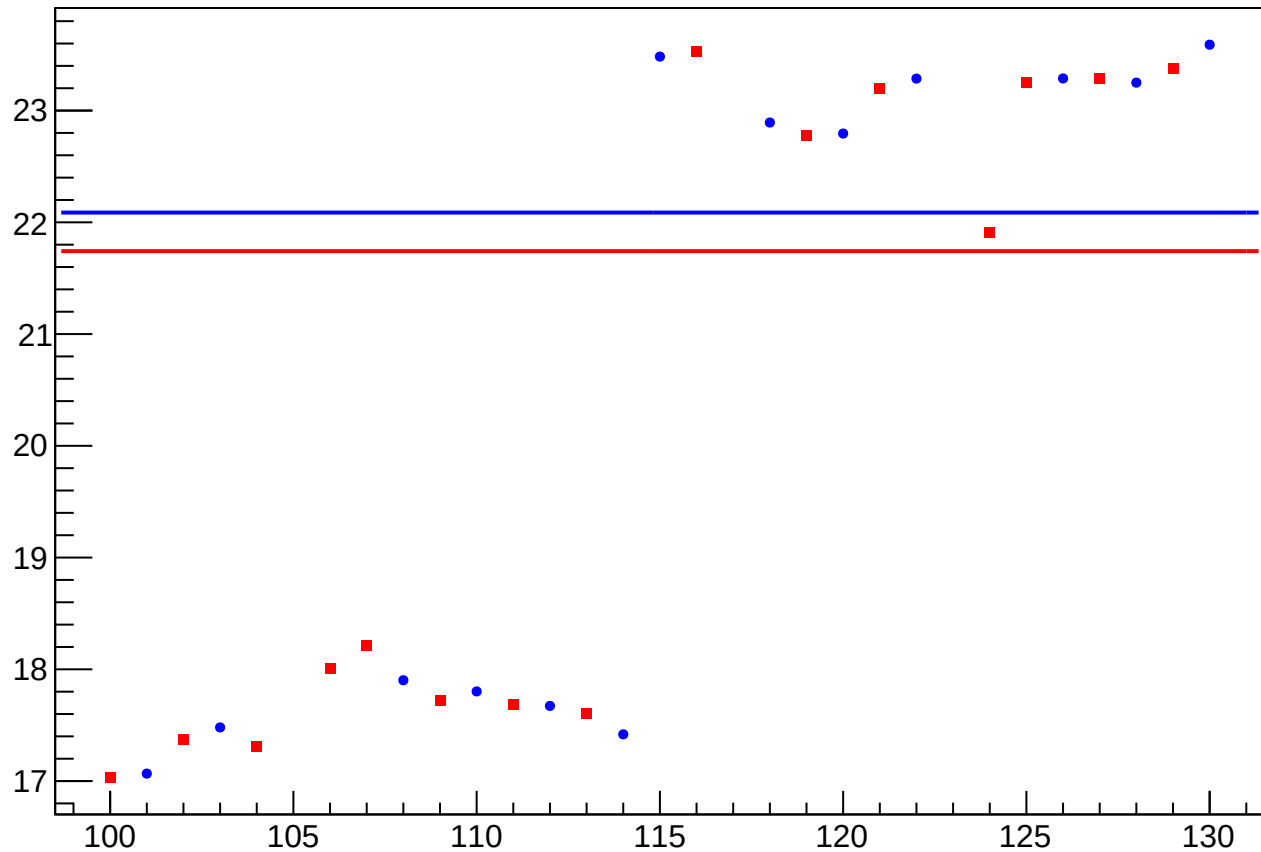
Right: 0.016+/-0.000 χ^2/NDF : 2990351.0/27

In: 0.015+/-0.000 χ^2/NDF : 1413704.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 2990351.0/27

yield_sam2_mean vs Slug, Sign Corrected



Right In: 22.087+/-0.000 χ^2/NDF : 1021762668.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.742+/-0.000 χ^2/NDF : 1019271813.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

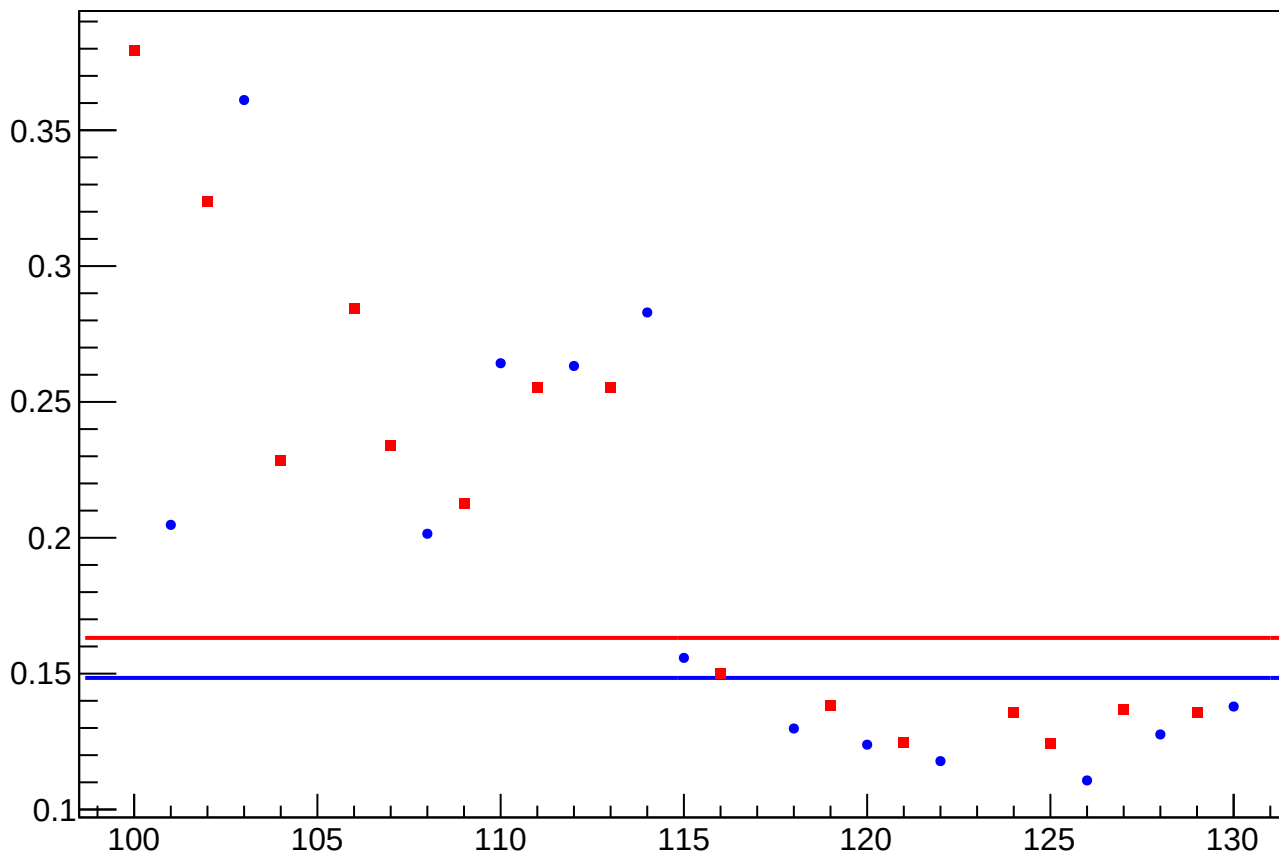
Right: 21.924+/-0.000 χ^2/NDF : 2052148423.2/27

In: 22.087+/-0.000 χ^2/NDF : 1021762668.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.924+/-0.000 χ^2/NDF : 2052148423.2/27

yield_sam2_rms vs Slug, Sign Corrected



Right In: 0.148+/-0.000 χ^2/NDF : 1092064.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.163+/-0.000 χ^2/NDF : 1047516.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

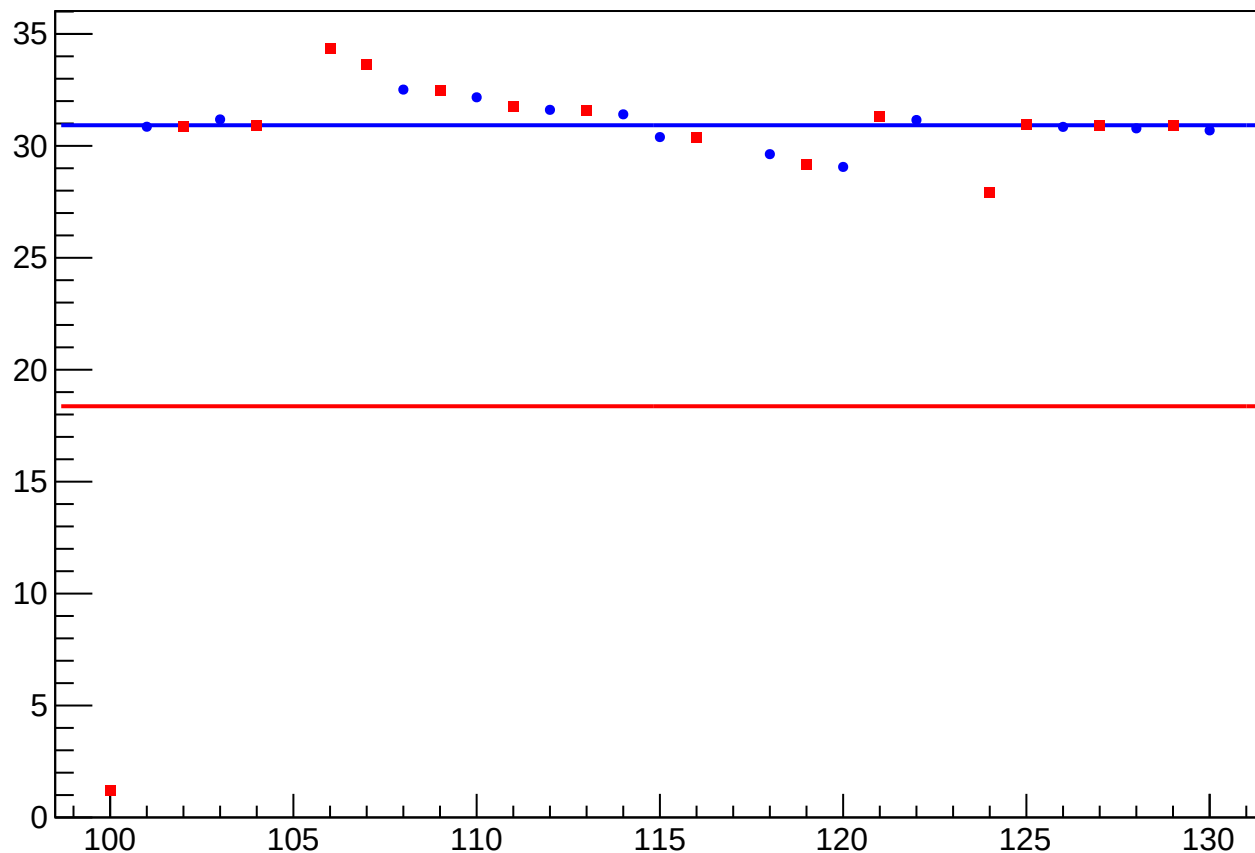
Right: 0.155+/-0.000 χ^2/NDF : 2180009.8/27

In: 0.148+/-0.000 χ^2/NDF : 1092064.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

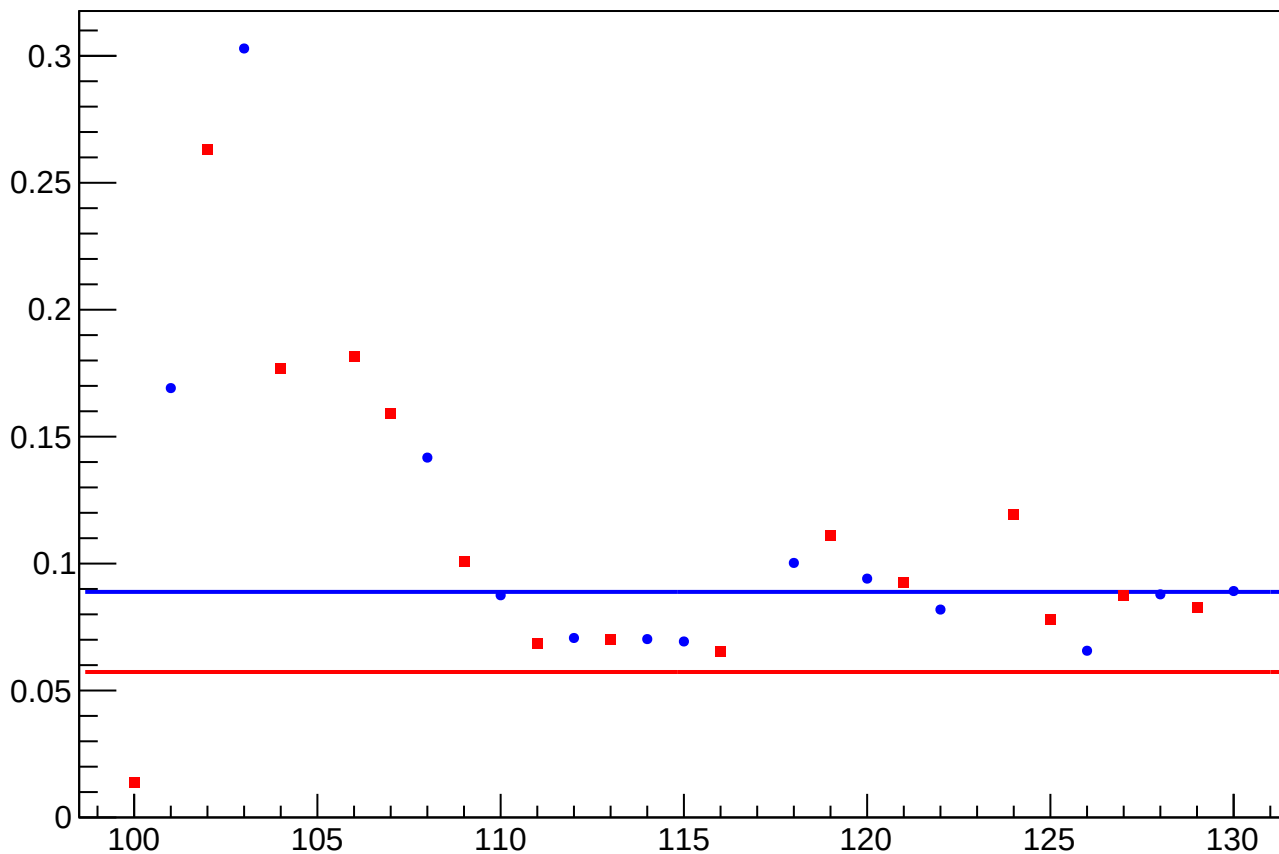
All: 0.155+/-0.000 χ^2/NDF : 2180009.8/27

yield_sam3_mean vs Slug, Sign Corrected



Right In: 30.922+/-0.000 χ^2/NDF : 353259695.7/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 18.369+/-0.000 χ^2/NDF : 201423834878.1/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 22.891+/-0.000 χ^2/NDF : 253702920257.4/27
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 22.891+/-0.000 χ^2/NDF : 253702920257.4/27
 In: 30.922+/-0.000 χ^2/NDF : 353259695.7/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam3_rms vs Slug, Sign Corrected



Right In: 0.089+/-0.000 χ^2/NDF : 1094215.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.057+/-0.000 χ^2/NDF : 3745325.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

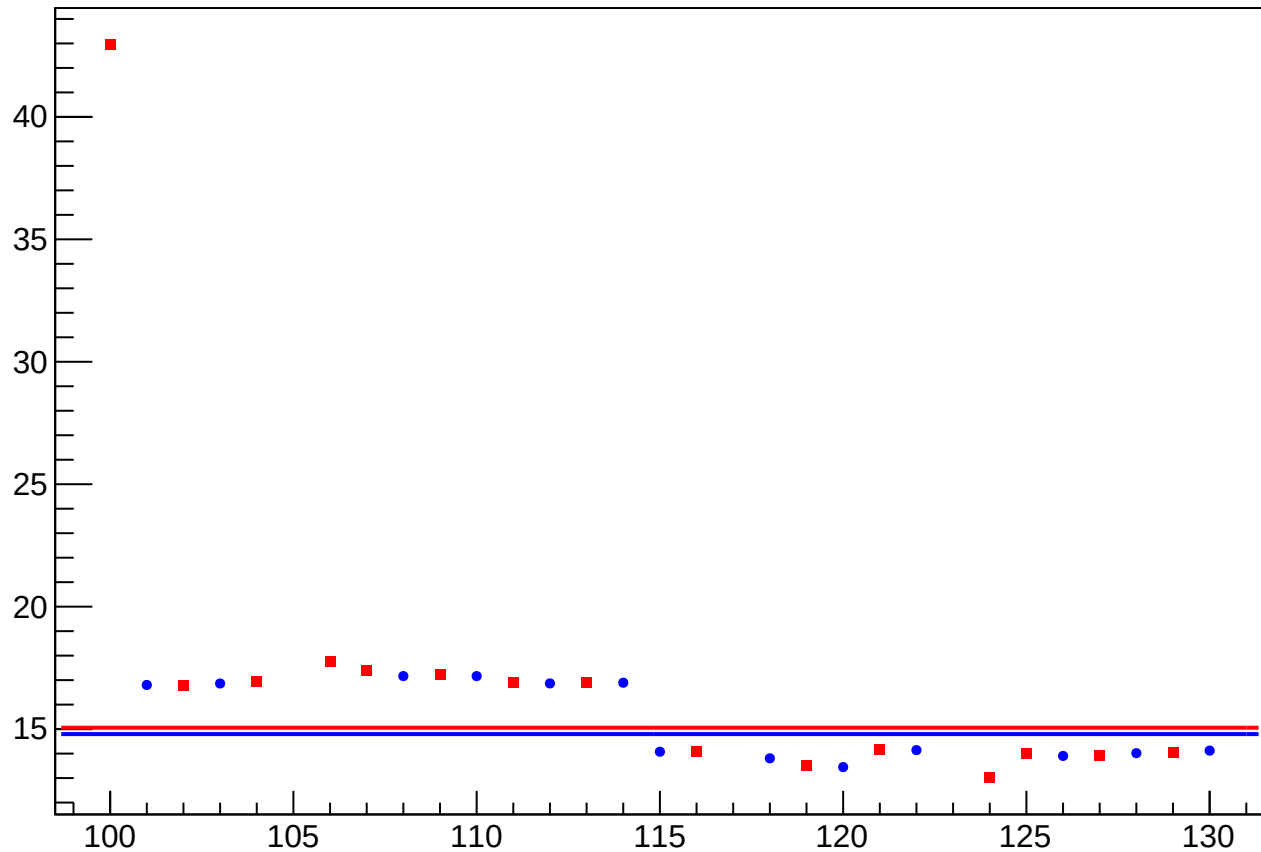
Right: 0.069+/-0.000 χ^2/NDF : 5495684.0/27

In: 0.089+/-0.000 χ^2/NDF :1094215.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

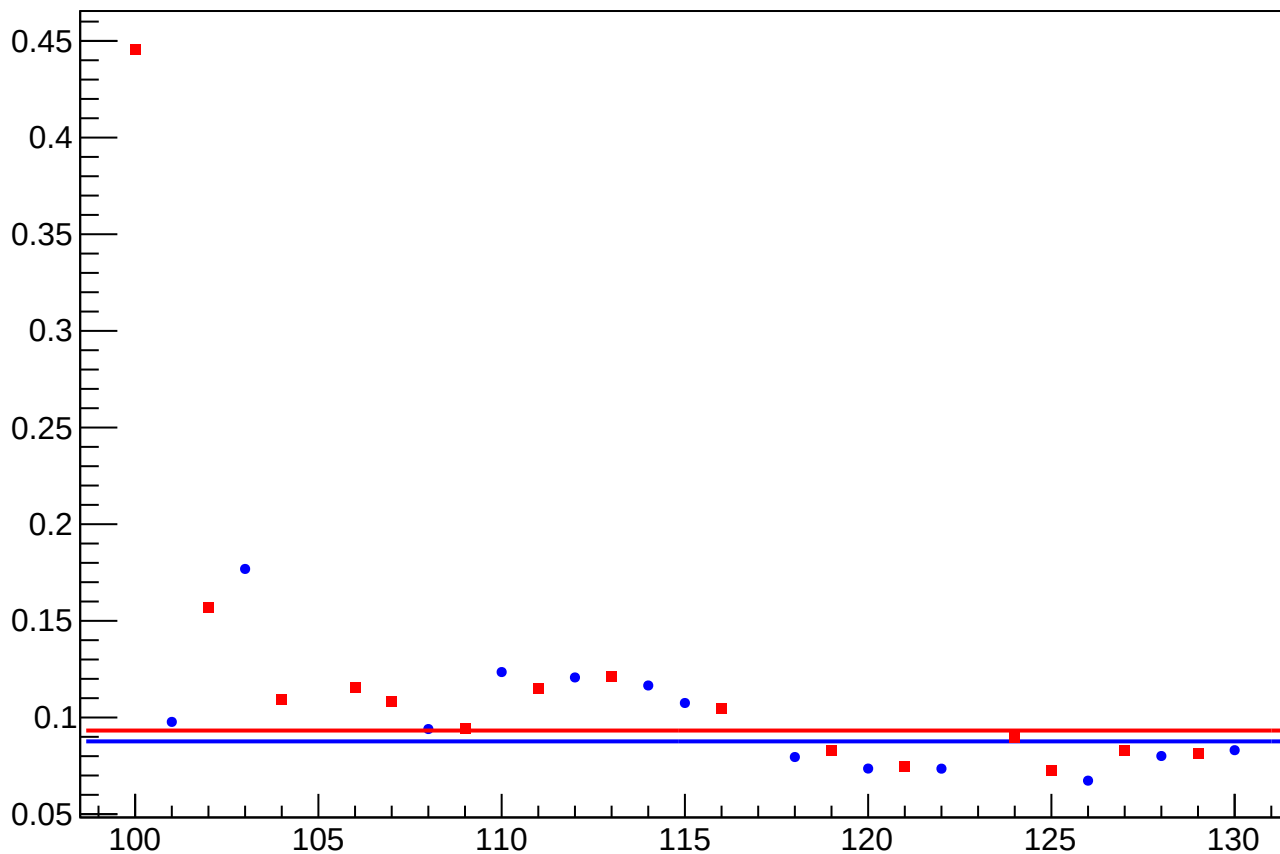
All: 0.069+/-0.000 χ^2/NDF : 5495684.0/27

yield_sam4_mean vs Slug, Sign Corrected



Right In: 14.796+/-0.000 χ^2/NDF : 1148939097.5/12 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0 Right: 14.923+/-0.000 χ^2/NDF : 2829778366.6/27
Right Out: 15.057+/-0.000 χ^2/NDF : 1661052813.4/14 In: 14.796+/-0.000 χ^2/NDF : 1148939097.5/12
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 14.923+/-0.000 χ^2/NDF : 2829778366.6/27

yield_sam4_rms vs Slug, Sign Corrected



Right In: 0.088+/-0.000 χ^2/NDF : 591863.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.093+/-0.000 χ^2/NDF : 549586.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

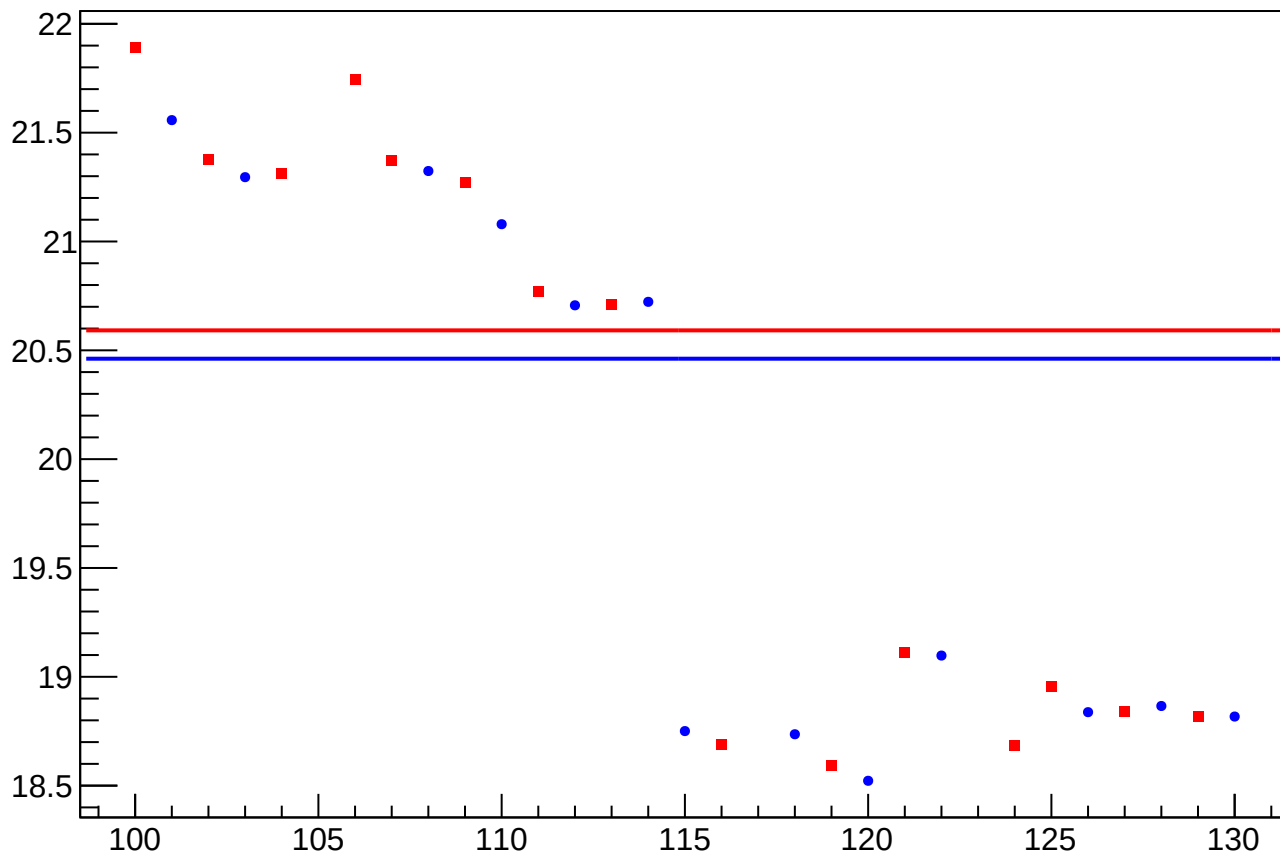
Right: 0.090+/-0.000 χ^2/NDF : 1159729.0/27

In: 0.088+/-0.000 χ^2/NDF : 591863.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.090+/-0.000 χ^2/NDF : 1159729.0/27

yield_sam5_mean vs Slug, Sign Corrected



Right In: 20.461+/-0.000 χ^2/NDF : 7193555596.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.592+/-0.000 χ^2/NDF : 6825308861.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

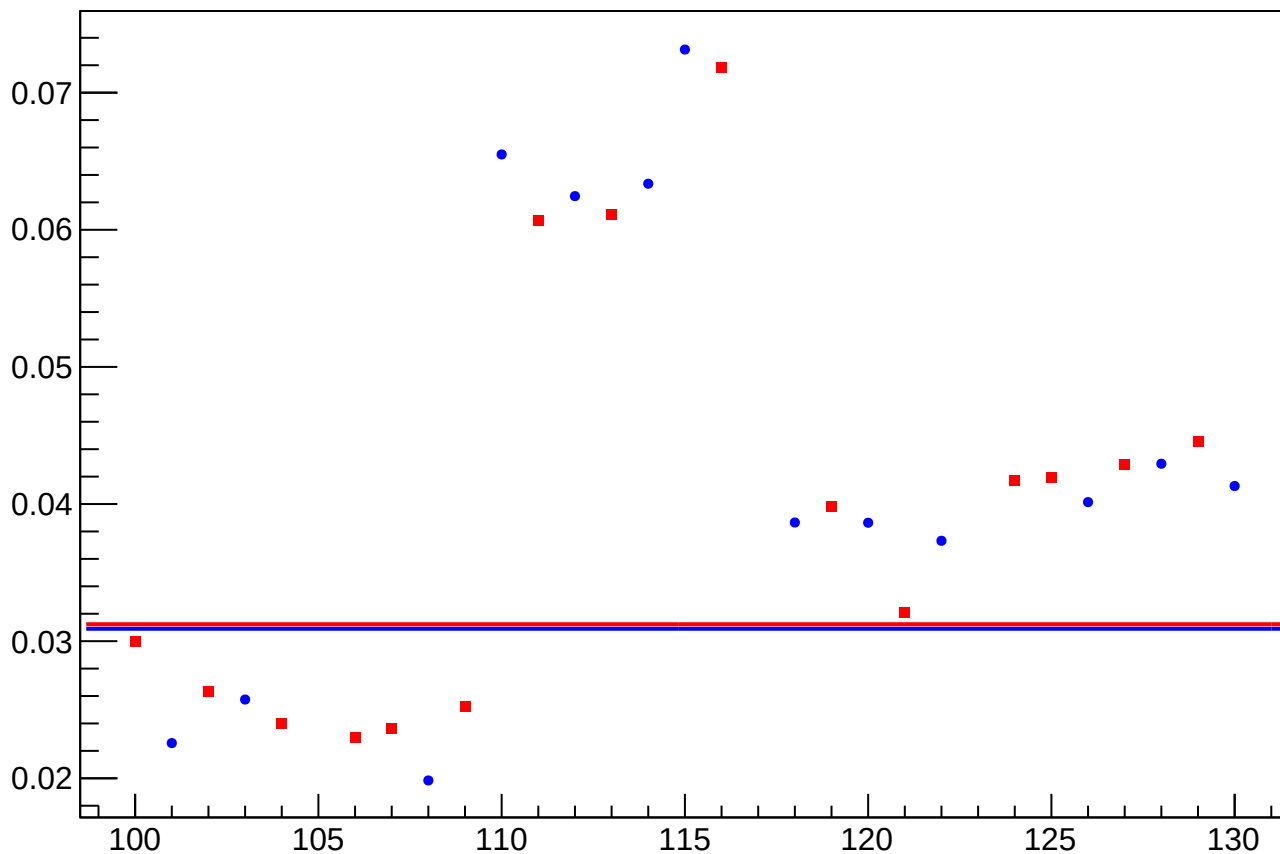
Right: 20.528+/-0.000 χ^2/NDF : 14059766922.4/27

In: 20.461+/-0.000 χ^2/NDF : 7193555596.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.528+/-0.000 χ^2/NDF : 14059766922.4

yield_sam5_rms vs Slug, Sign Corrected



Right In: 0.031+/-0.000 χ^2/NDF : 1248404.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.031+/-0.000 χ^2/NDF : 1097762.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

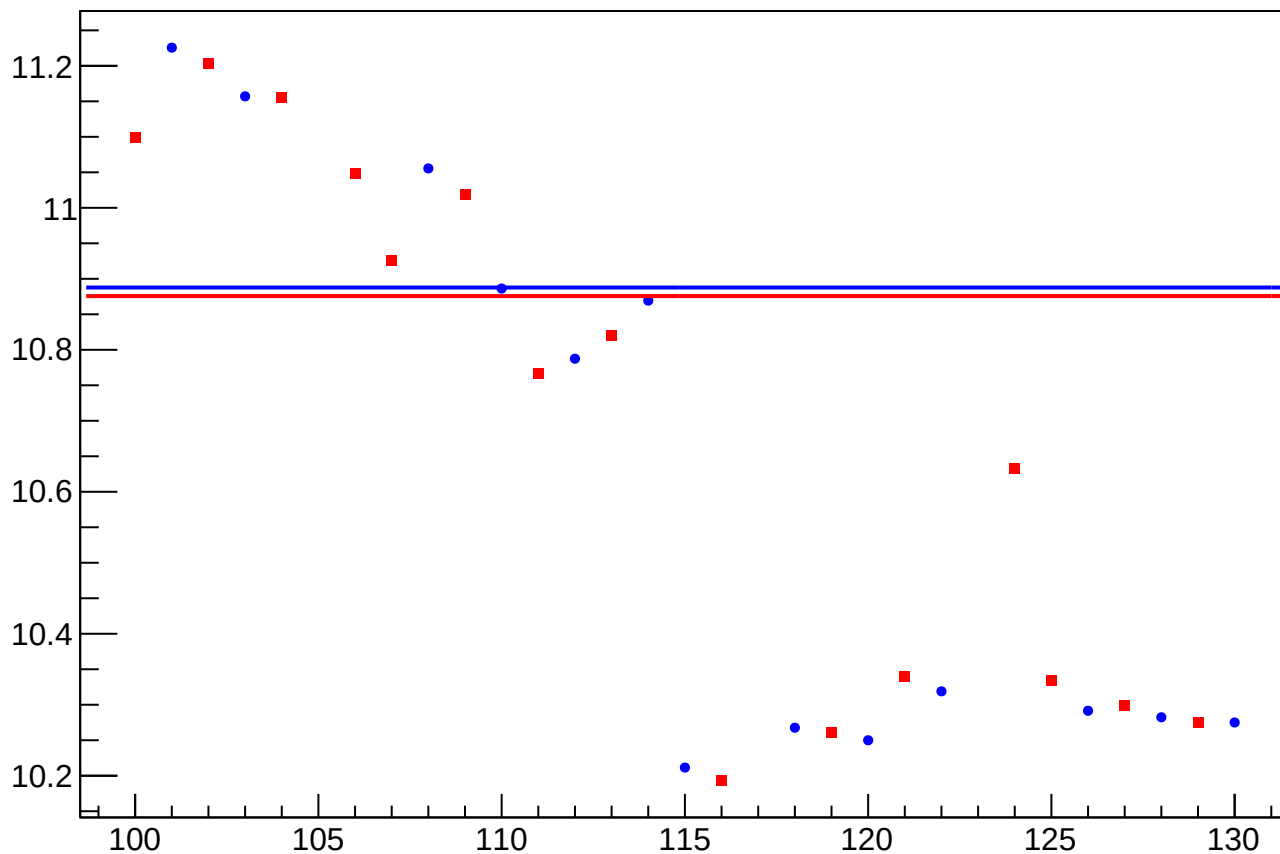
Right: 0.031+/-0.000 χ^2/NDF : 2346694.3/27

In: 0.031+/-0.000 χ^2/NDF : 1248404.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.031+/-0.000 χ^2/NDF : 2346694.3/27

yield_sam6_mean vs Slug, Sign Corrected



Right In: 10.888+/-0.000 χ^2/NDF : 3421623907.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.876+/-0.000 χ^2/NDF : 2542483350.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

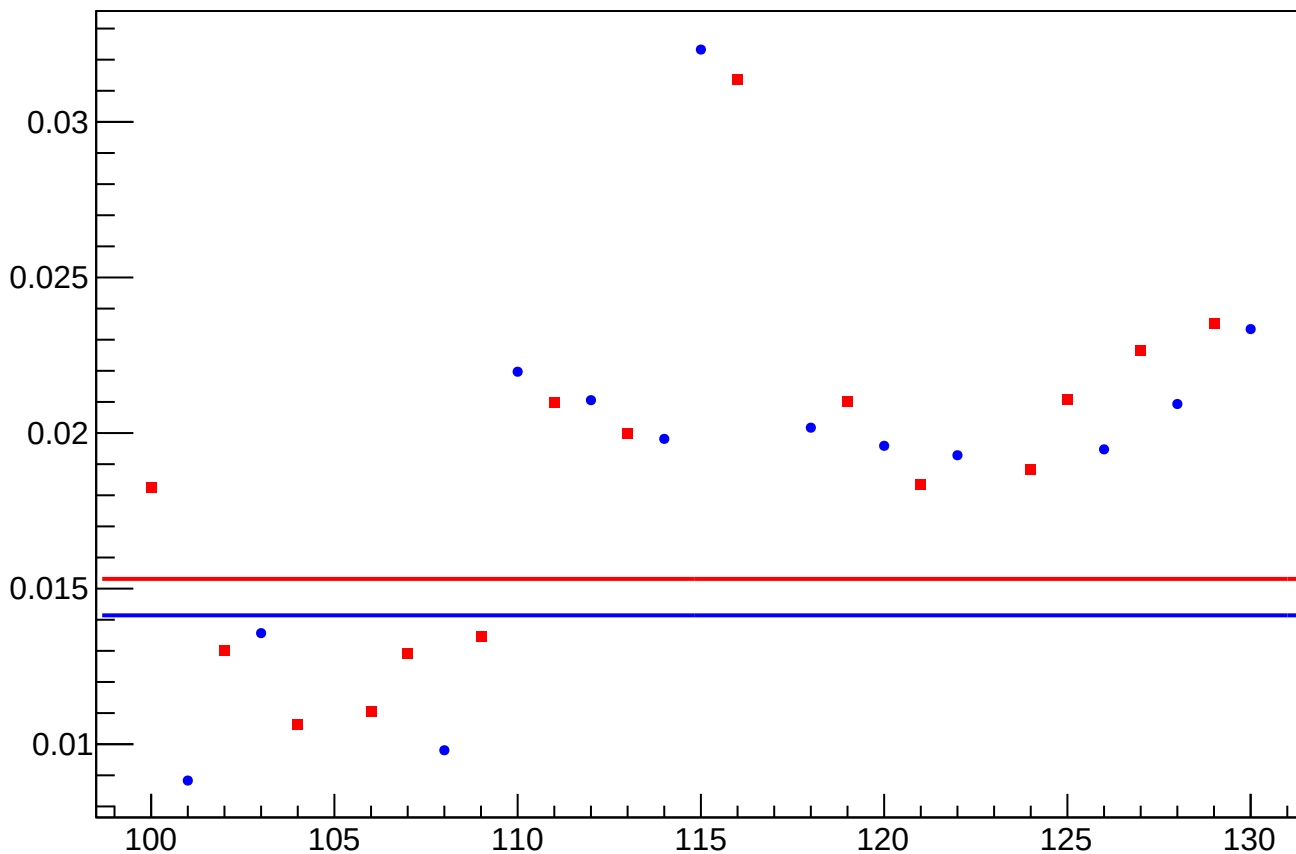
Right: 10.882+/-0.000 χ^2/NDF : 5965670254.3/27

In: 10.888+/-0.000 χ^2/NDF : 3421623907.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.882+/-0.000 χ^2/NDF : 5965670254.3/27

yield_sam6_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1316563.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 913472.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

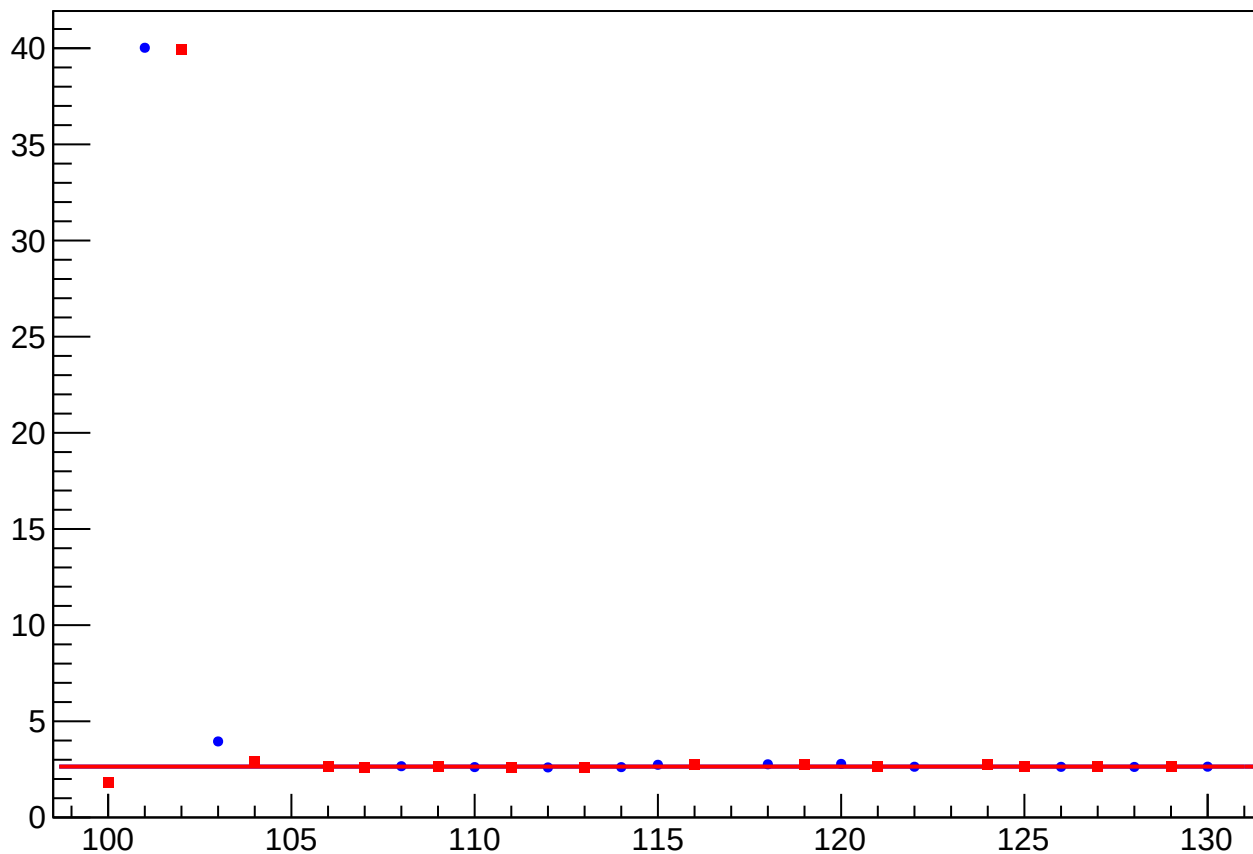
Right: 0.015+/-0.000 χ^2/NDF : 2259350.2/27

In: 0.014+/-0.000 χ^2/NDF : 1316563.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 2259350.2/27

yield_sam7_mean vs Slug, Sign Corrected



Right In: 2.645+/-0.000 χ^2/NDF : 64618017184.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.645+/-0.000 χ^2/NDF : 63167302527.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

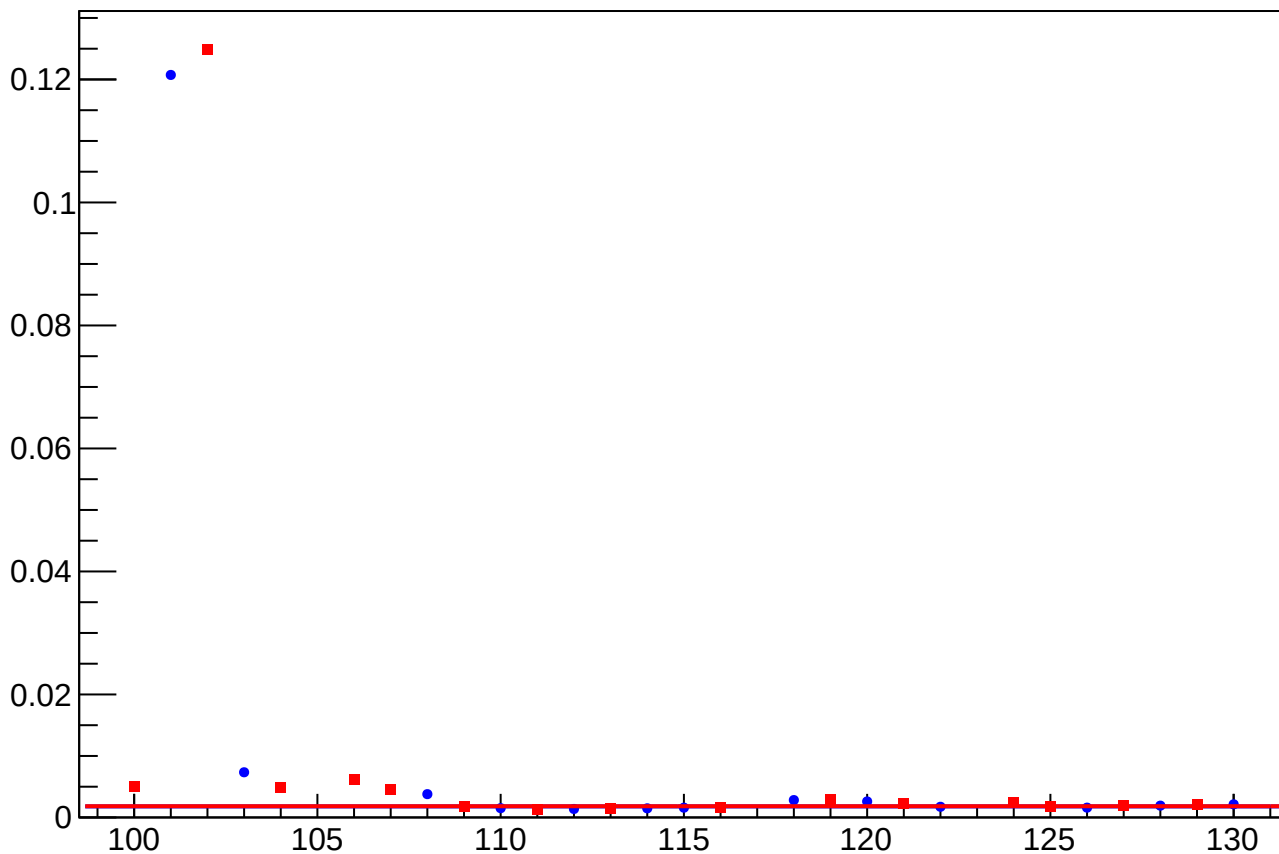
Right: 2.645+/-0.000 χ^2/NDF : 127785333352.6/27

In: 2.645+/-0.000 χ^2/NDF : 64618017184.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.645+/-0.000 χ^2/NDF : 127785333352.6

yield_sam7_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1798591.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2375197.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

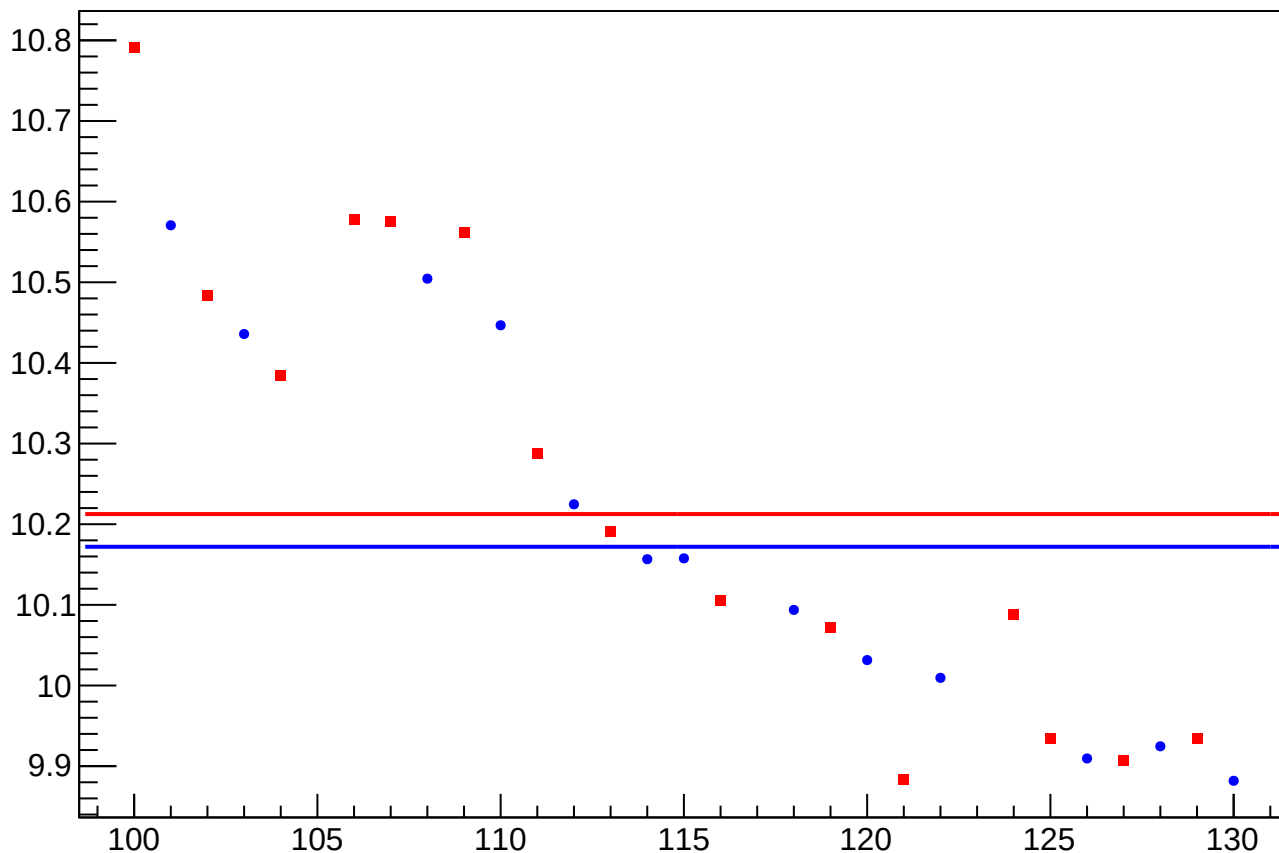
Right: 0.002+/-0.000 χ^2/NDF : 4174976.9/27

In: 0.002+/-0.000 χ^2/NDF : 1798591.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4174976.9/27

yield_sam8_mean vs Slug, Sign Corrected



Right In: 10.172 ± 0.000 $\chi^2/\text{NDF}: 6259456864.0/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 10.213 ± 0.000 $\chi^2/\text{NDF}: 6980503764.9/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

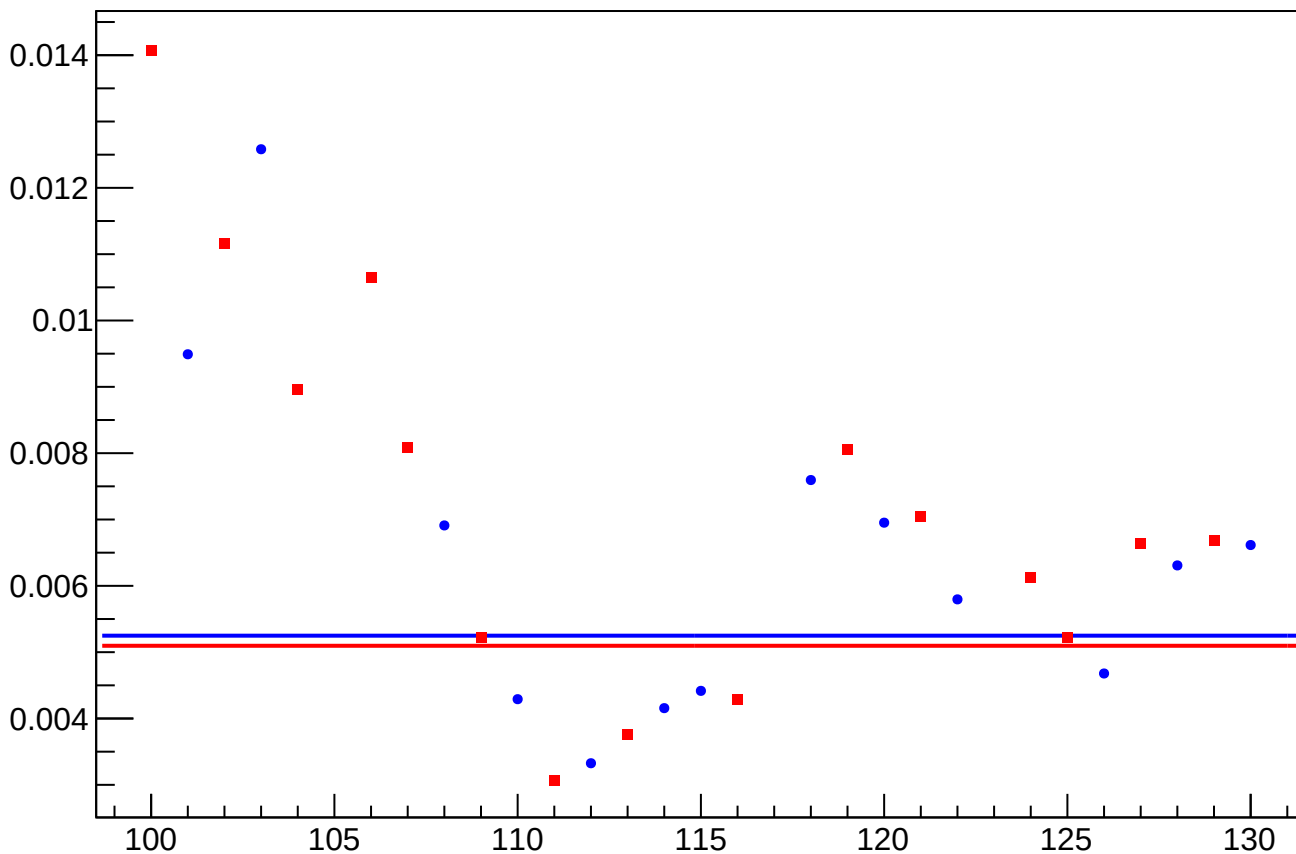
Right: 10.194 ± 0.000 $\chi^2/\text{NDF}: 13369971764.0/27$

In: 10.172 ± 0.000 $\chi^2/\text{NDF}: 6259456864.0/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 10.194 ± 0.000 $\chi^2/\text{NDF}: 13369971764.0$

yield_sam8_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1217013.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1576209.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

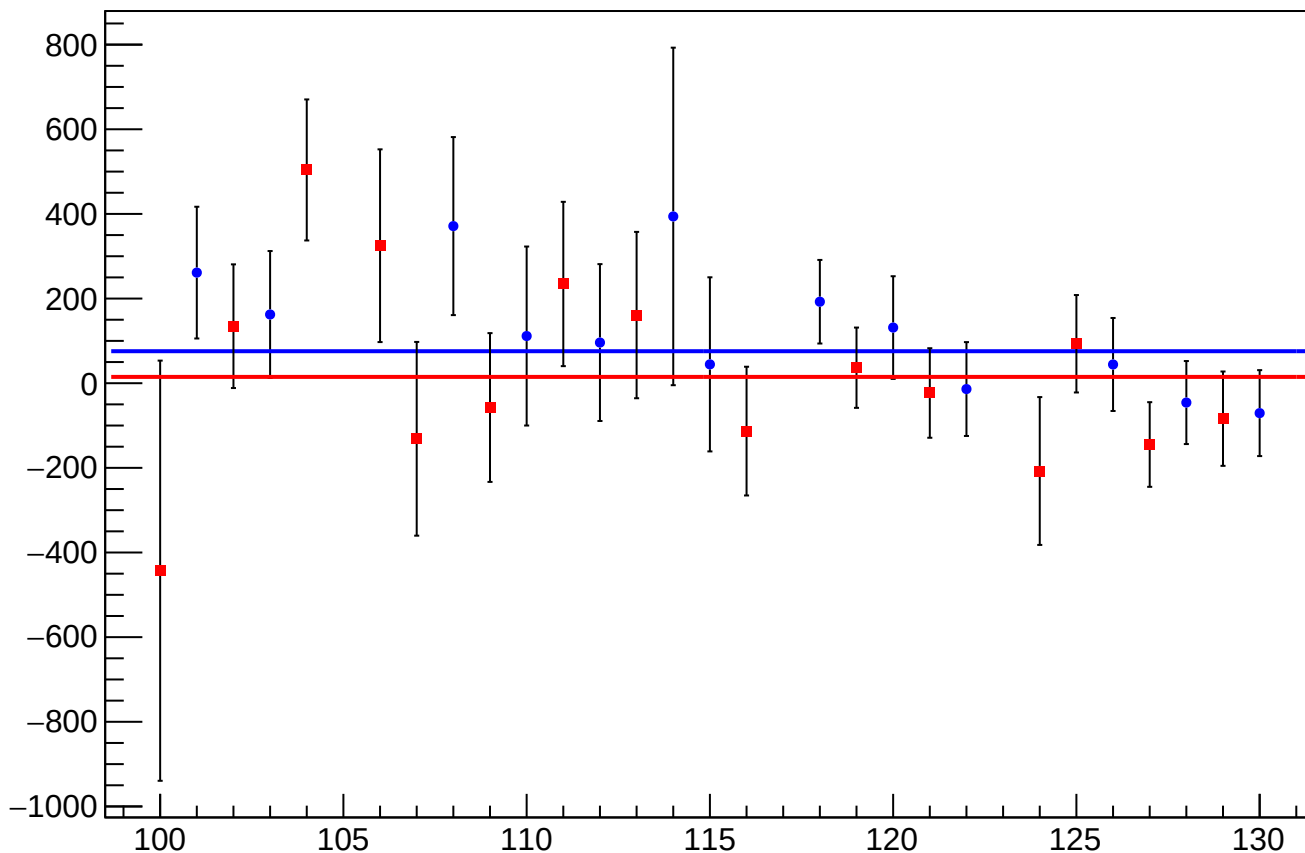
Right: 0.005+/-0.000 χ^2/NDF : 2796889.0/27

In: 0.005+/-0.000 χ^2/NDF :1217013.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2796889.0/27

reg_asym_sam1_mean vs Slug, Sign Corrected



Right In: 75.614+/-37.126 χ^2/NDF : 10.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.911+/-36.697 χ^2/NDF : 20.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

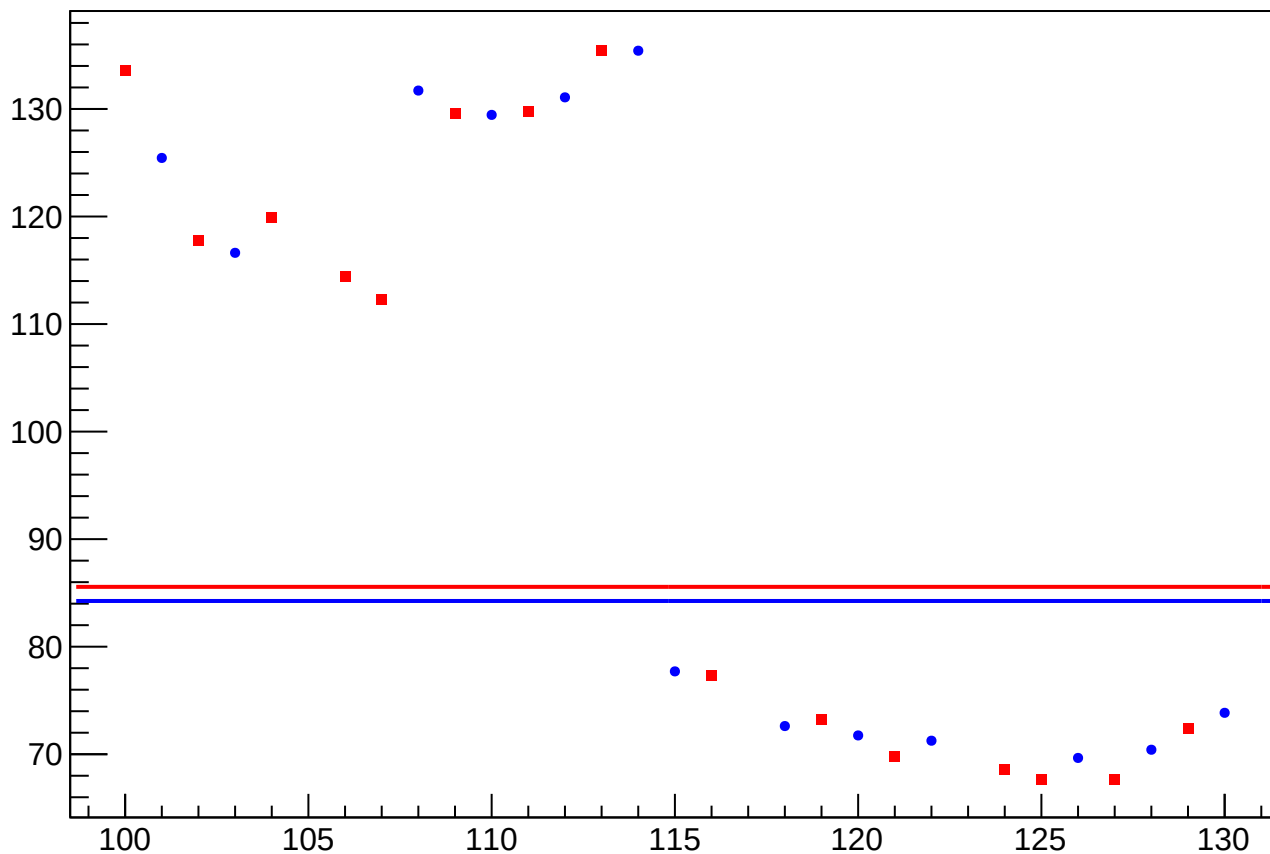
Right: 44.909+/-26.099 χ^2/NDF : 32.4/27

In: 75.614+/-37.126 χ^2/NDF : 10.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.909+/-26.099 χ^2/NDF : 32.4/27

reg_asym_sam1_rms vs Slug, Sign Corrected



Right In: 84.251+/-0.026 χ^2/NDF : 761782.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.564+/-0.026 χ^2/NDF : 861934.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

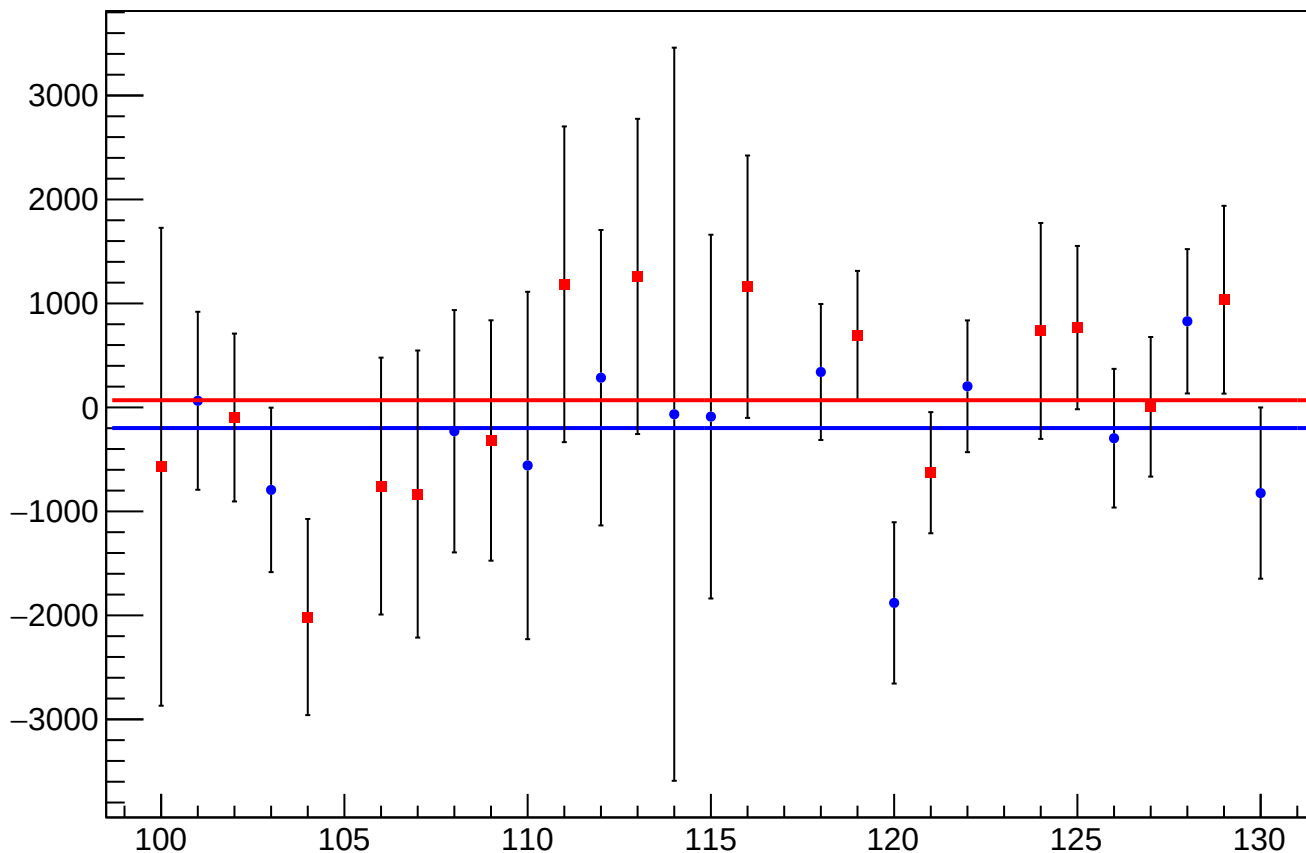
Right: 84.915+/-0.018 χ^2/NDF : 1624983.1/27

In: 84.251+/-0.026 χ^2/NDF : 761782.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.915+/-0.018 χ^2/NDF : 1624983.1/27

asym_sam1_reg_correction_mean vs Slug, Sign Corrected



Right In: -198.521 ± 240.767 χ^2/NDF : 9.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 69.320 ± 237.115 χ^2/NDF : 12.7/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

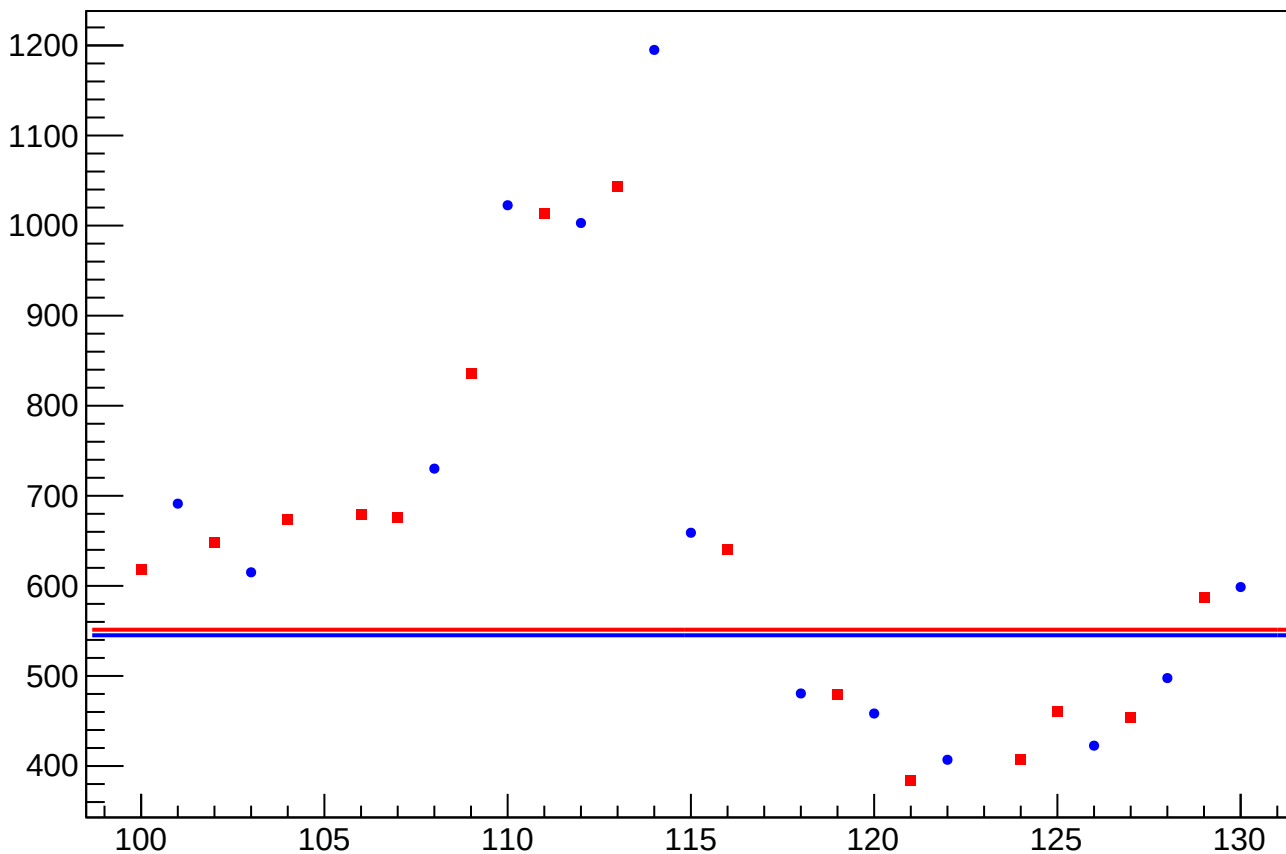
Right: -62.554 ± 168.942 χ^2/NDF : 22.7/27

In: -198.521 ± 240.767 χ^2/NDF : 9.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -62.554 ± 168.942 χ^2/NDF : 22.7/27

asym_sam1_reg_correction_rms vs Slug, Sign Corrected



Right In: 545.147+/-0.170 χ^2/NDF : 796758.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 551.339+/-0.168 χ^2/NDF : 930126.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

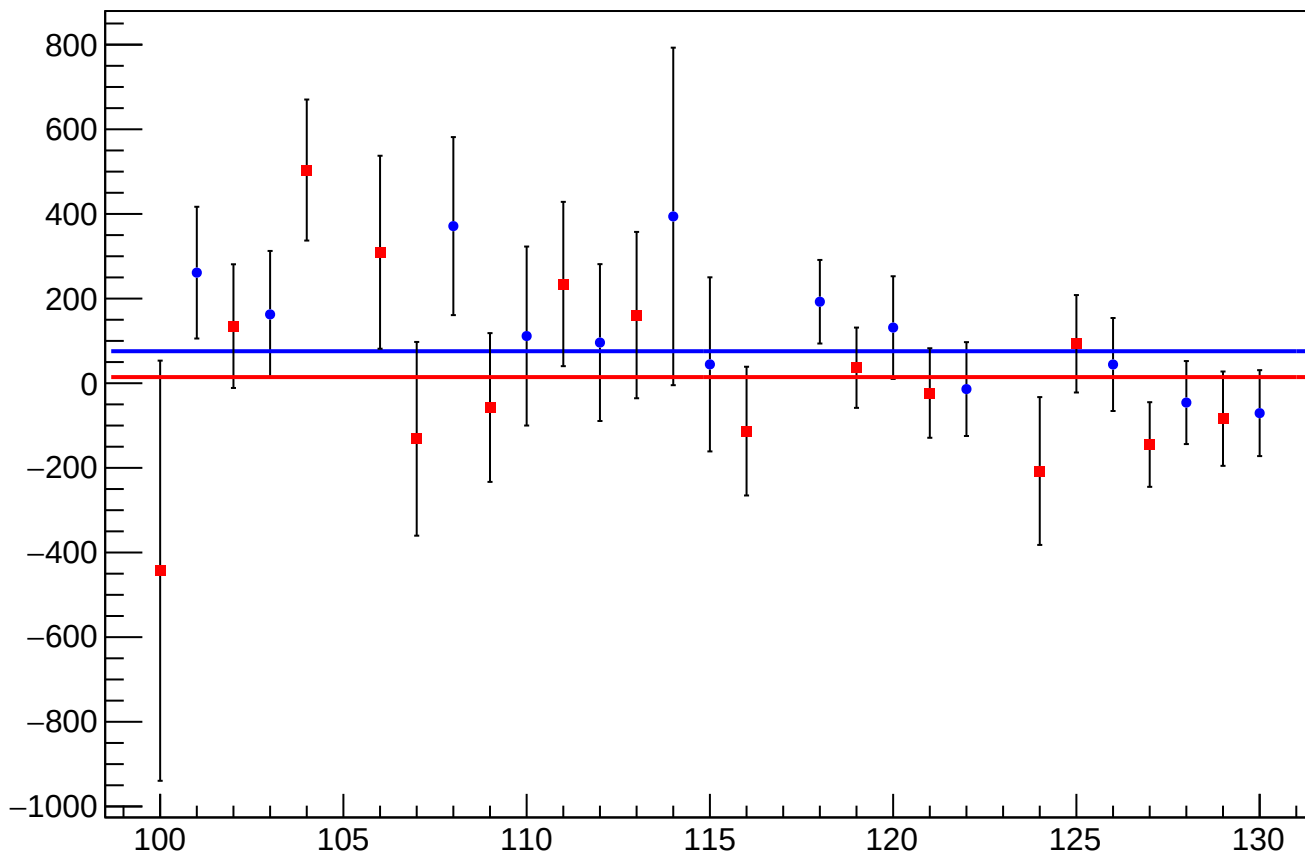
Right: 548.290+/-0.119 χ^2/NDF : 1727557.1/27

In: 545.147+/-0.170 χ^2/NDF : 796758.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 548.290+/-0.119 χ^2/NDF : 1727557.1/27

cor_asym_sam1_mean vs Slug, Sign Corrected



Right In: 75.635+/-37.126 χ^2/NDF : 10.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.500+/-36.699 χ^2/NDF : 20.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

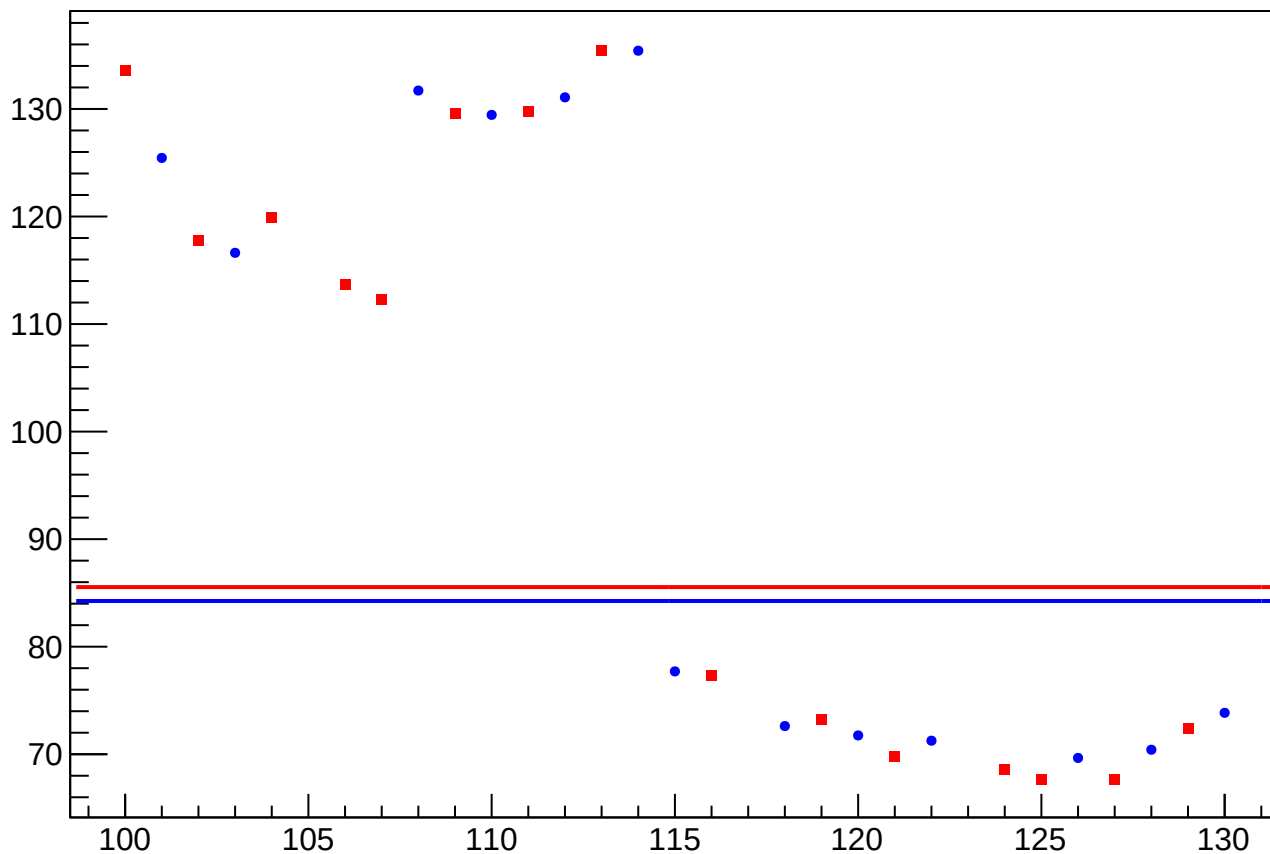
Right: 44.713+/-26.100 χ^2/NDF : 32.3/27

In: 75.635+/-37.126 χ^2/NDF : 10.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.713+/-26.100 χ^2/NDF : 32.3/27

cor_asym_sam1_rms vs Slug, Sign Corrected



Right In: 84.251+/-0.026 χ^2/NDF : 761783.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.543+/-0.026 χ^2/NDF : 860284.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

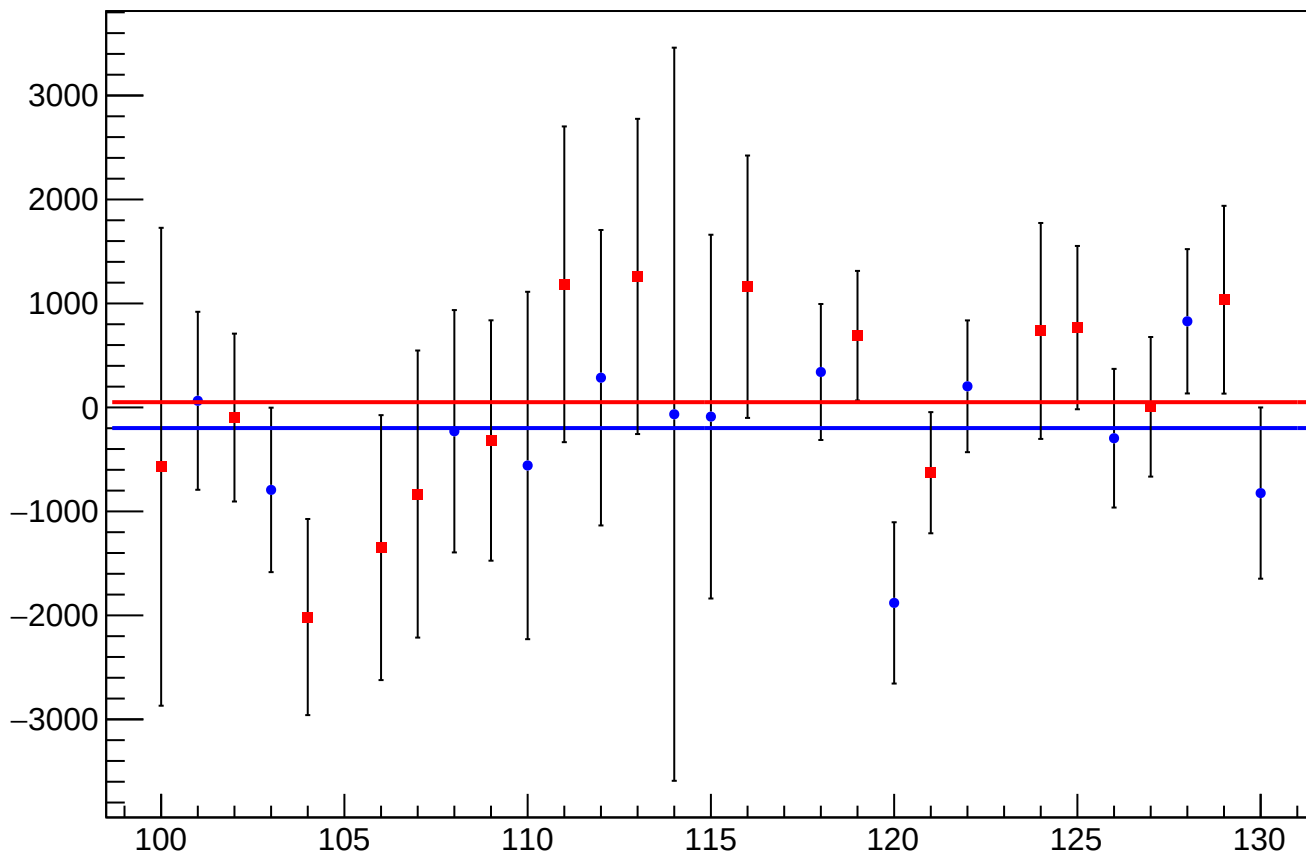
Right: 84.904+/-0.018 χ^2/NDF : 1623293.4/27

In: 84.251+/-0.026 χ^2/NDF : 761783.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.904+/-0.018 χ^2/NDF : 1623293.4/27

asym_sam1_cor_correction_mean vs Slug, Sign Corrected



Right In: -198.517 ± 240.767 χ^2/NDF : 9.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 50.566 ± 237.378 χ^2/NDF : 13.5/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

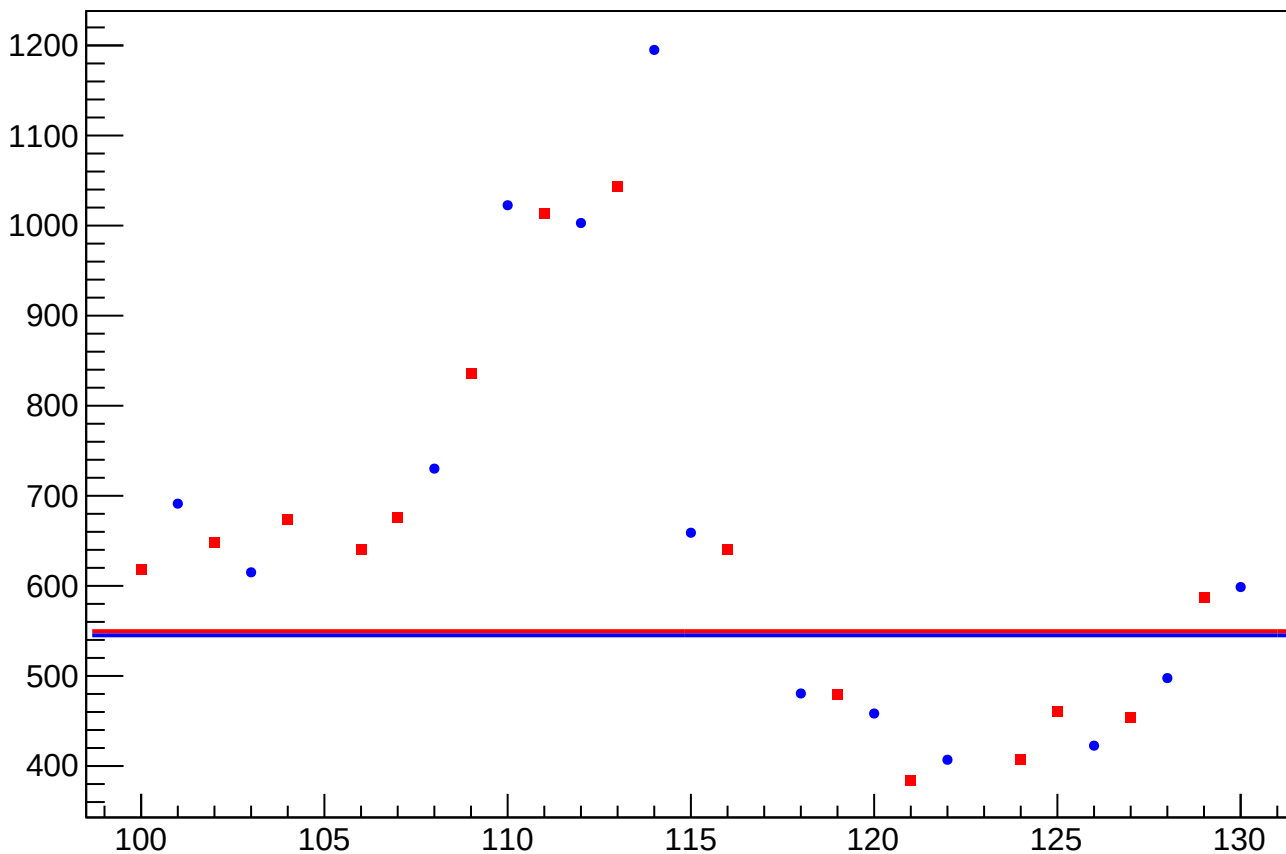
Right: -72.211 ± 169.037 χ^2/NDF : 23.4/27

In: -198.517 ± 240.767 χ^2/NDF : 9.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -72.211 ± 169.037 χ^2/NDF : 23.4/27

asym_sam1_cor_correction_rms vs Slug, Sign Corrected



Right In: 545.147+/-0.170 χ^2/NDF : 796758.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 549.693+/-0.168 χ^2/NDF : 918233.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

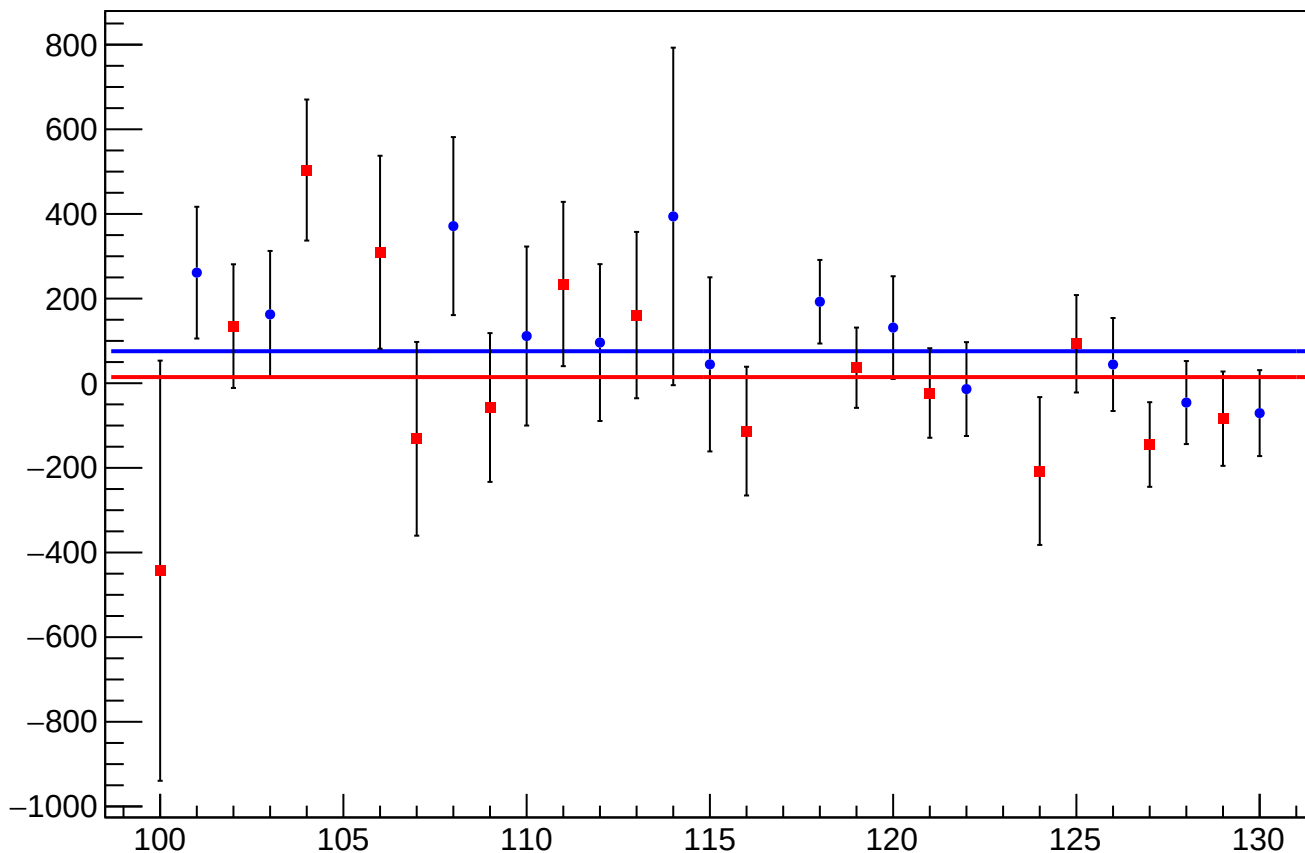
Right: 547.452+/-0.120 χ^2/NDF : 1715354.3/27

In: 545.147+/-0.170 χ^2/NDF :796758.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 547.452+/-0.120 χ^2/NDF : 1715354.3/27

eigen_cor_asym_sam1_mean vs Slug, Sign Corrected



Right In: 75.635 $\pm$ 37.126 χ^2 /NDF: 10.4/12

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 14.500 $\pm$ -36.699 χ^2 /NDF: 20.5/14

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

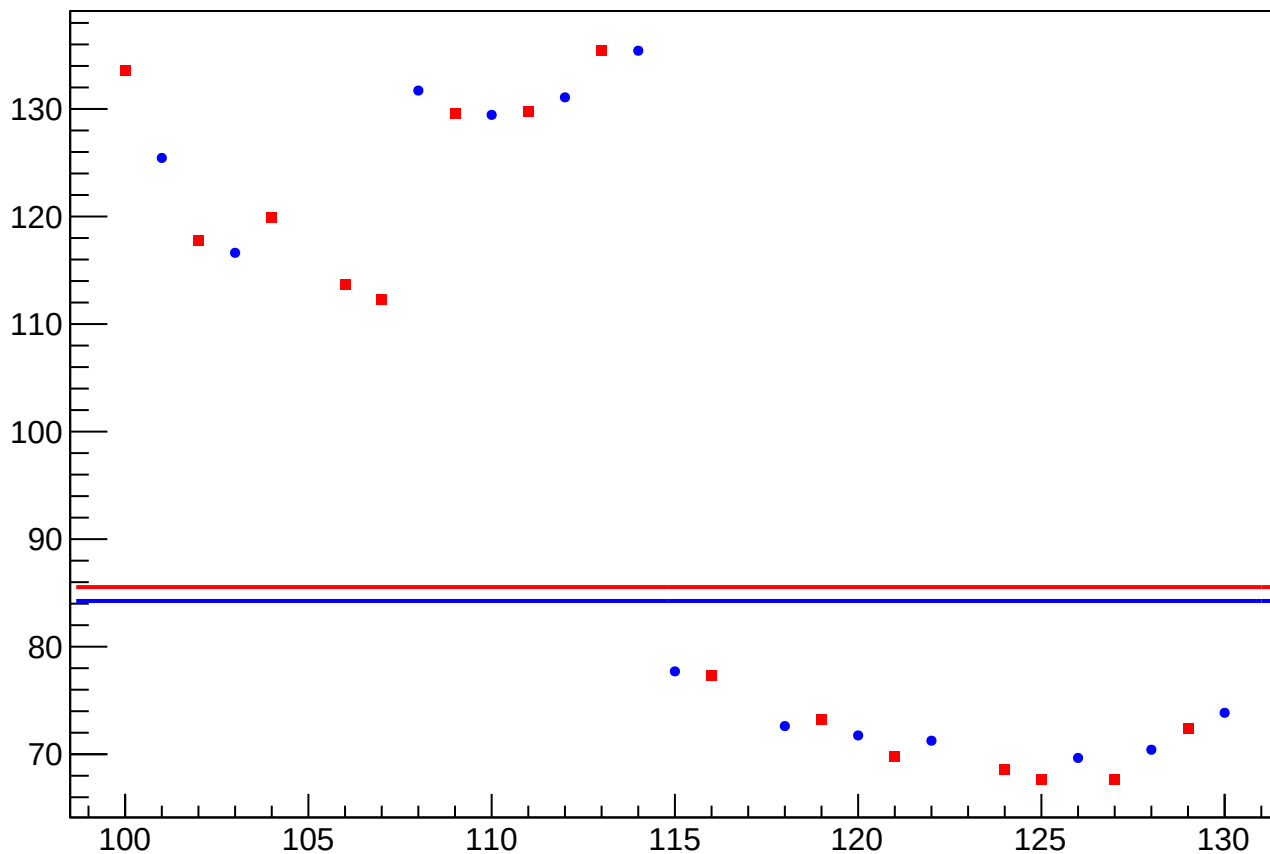
Right: 44.713 $\pm$ -26.100 χ^2 /NDF: 32.3/27

In: 75.635 $\pm$ -37.126 χ^2 /NDF:10.4/12

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 44.713 $\pm$ -26.100 χ^2 /NDF: 32.3/27

eigen_cor_asym_sam1_rms vs Slug, Sign Corrected



Right In: 84.251+/-0.026 χ^2/NDF : 761783.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.543+/-0.026 χ^2/NDF : 860284.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

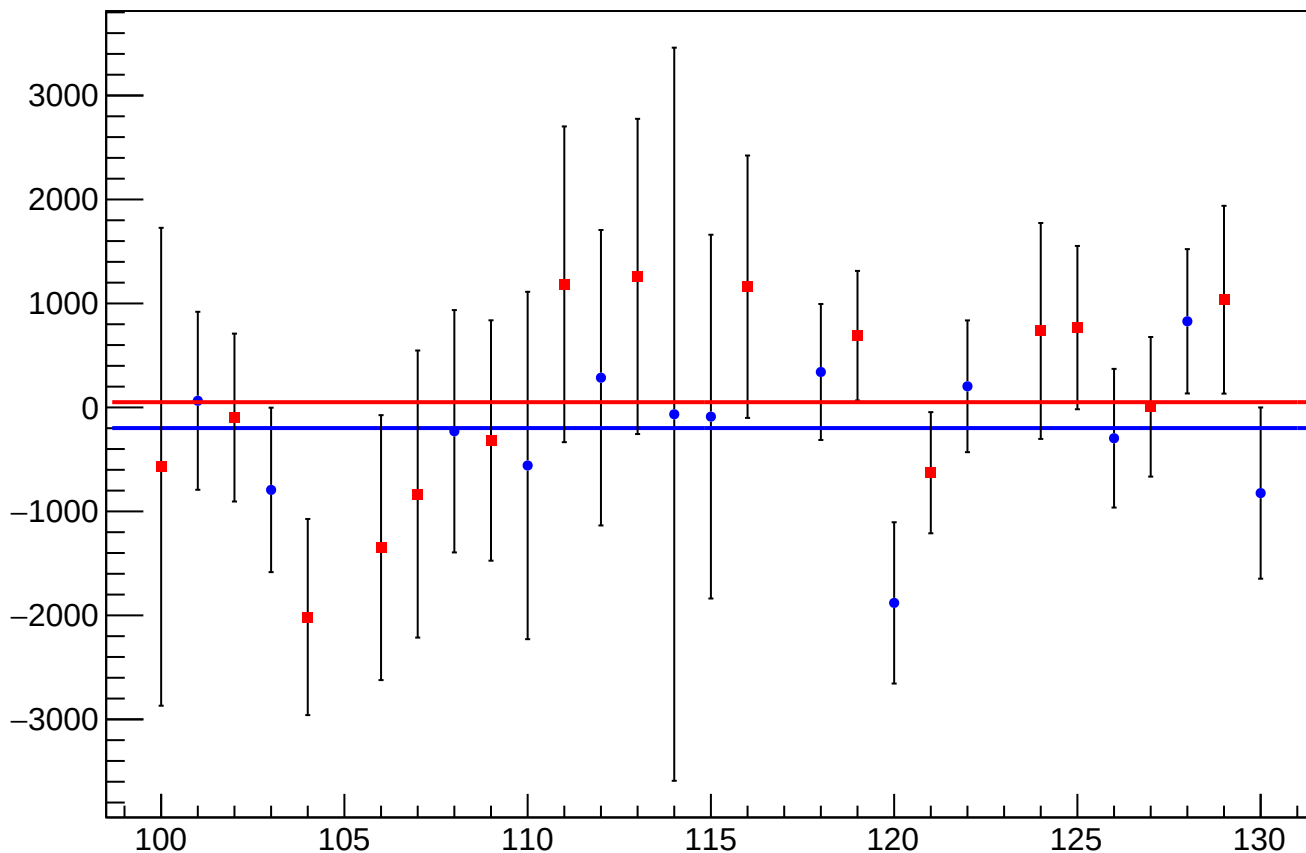
Right: 84.904+/-0.018 χ^2/NDF : 1623293.4/27

In: 84.251+/-0.026 χ^2/NDF : 761783.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.904+/-0.018 χ^2/NDF : 1623293.4/27

asym_sam1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -198.517+/-240.767 χ^2/NDF : 9.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.566+/-237.378 χ^2/NDF : 13.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

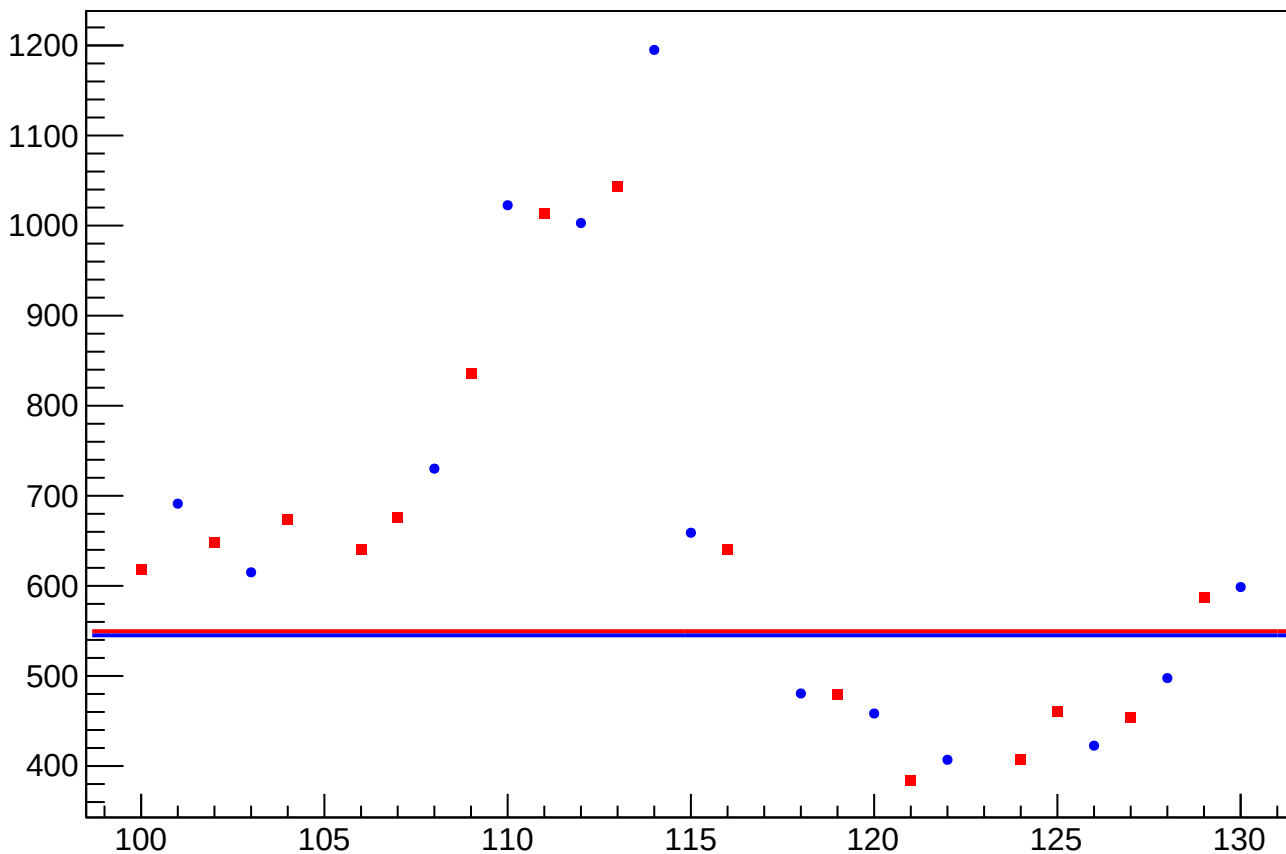
Right: -72.211+/-169.037 χ^2/NDF : 23.4/27

In: -198.517+/-240.767 χ^2/NDF : 9.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -72.211+/-169.037 χ^2/NDF : 23.4/27

asym_sam1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 545.147+/-0.170 χ^2/NDF : 796758.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 549.693+/-0.168 χ^2/NDF : 918233.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

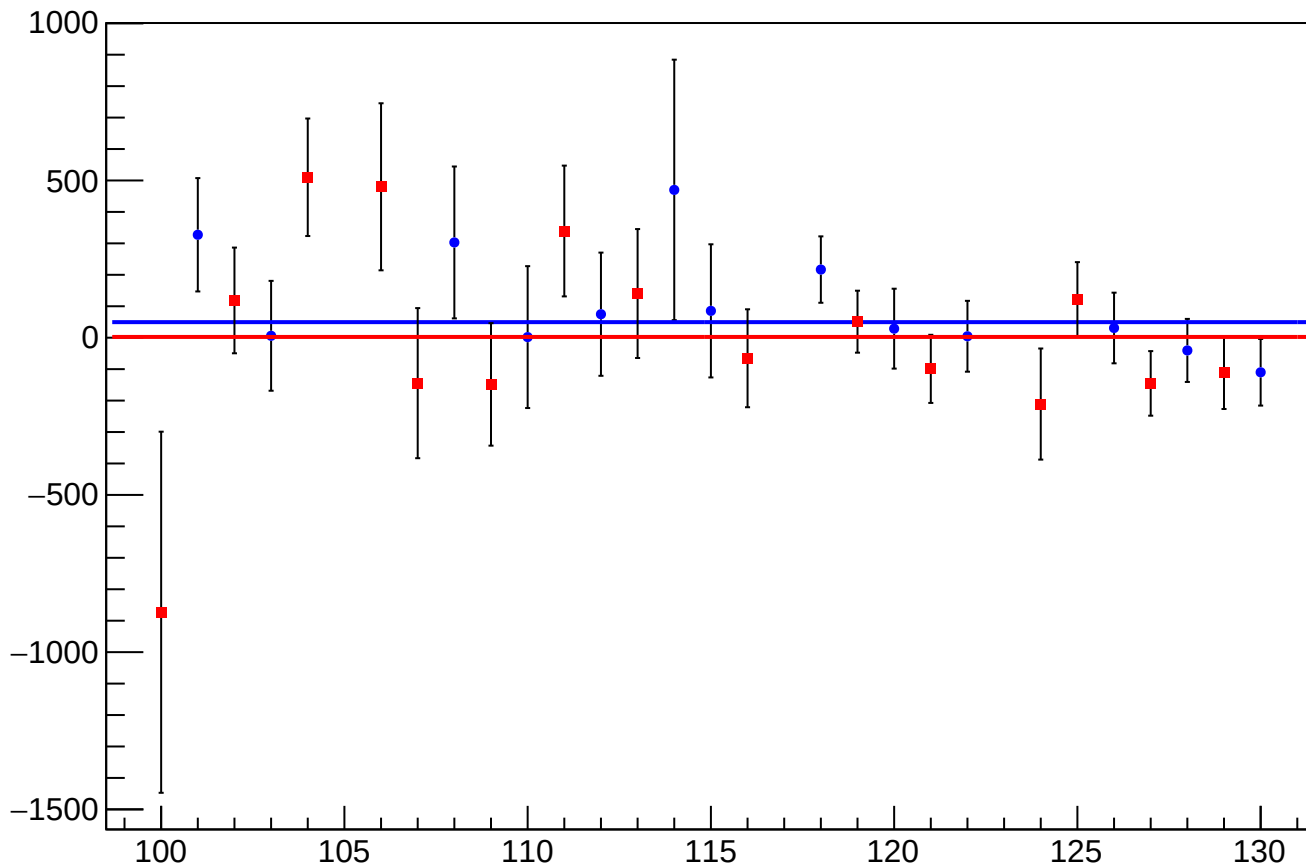
Right: 547.452+/-0.120 χ^2/NDF : 1715354.3/27

In: 545.147+/-0.170 χ^2/NDF : 796758.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 547.452+/-0.120 χ^2/NDF : 1715354.3/27

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 49.472+/-39.139 χ^2/NDF : 10.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.400+/-38.470 χ^2/NDF : 24.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

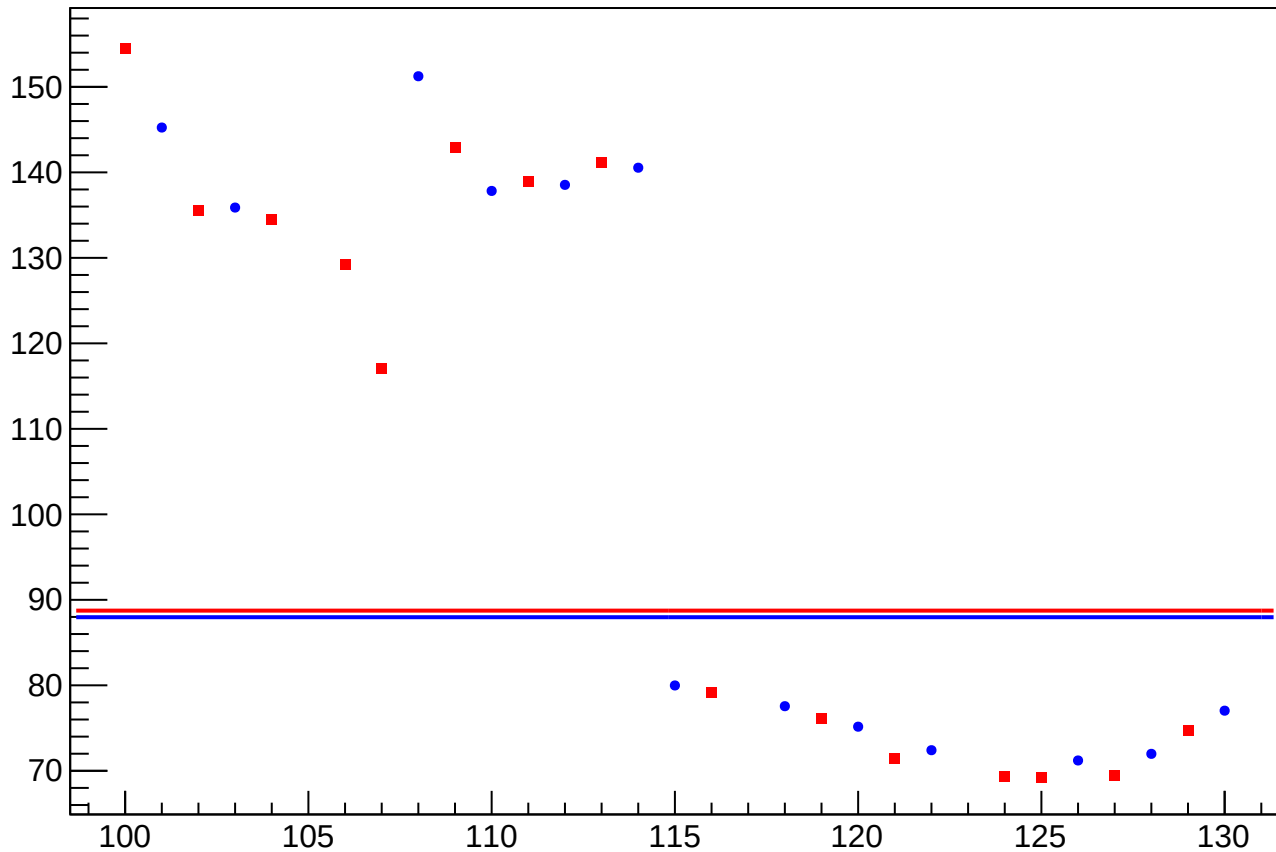
Right: 25.530+/-27.436 χ^2/NDF : 35.5/27

In: 49.472+/-39.139 χ^2/NDF : 10.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.530+/-27.436 χ^2/NDF : 35.5/27

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 87.967+/-0.028 χ^2/NDF : 950326.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.738+/-0.027 χ^2/NDF : 1047450.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

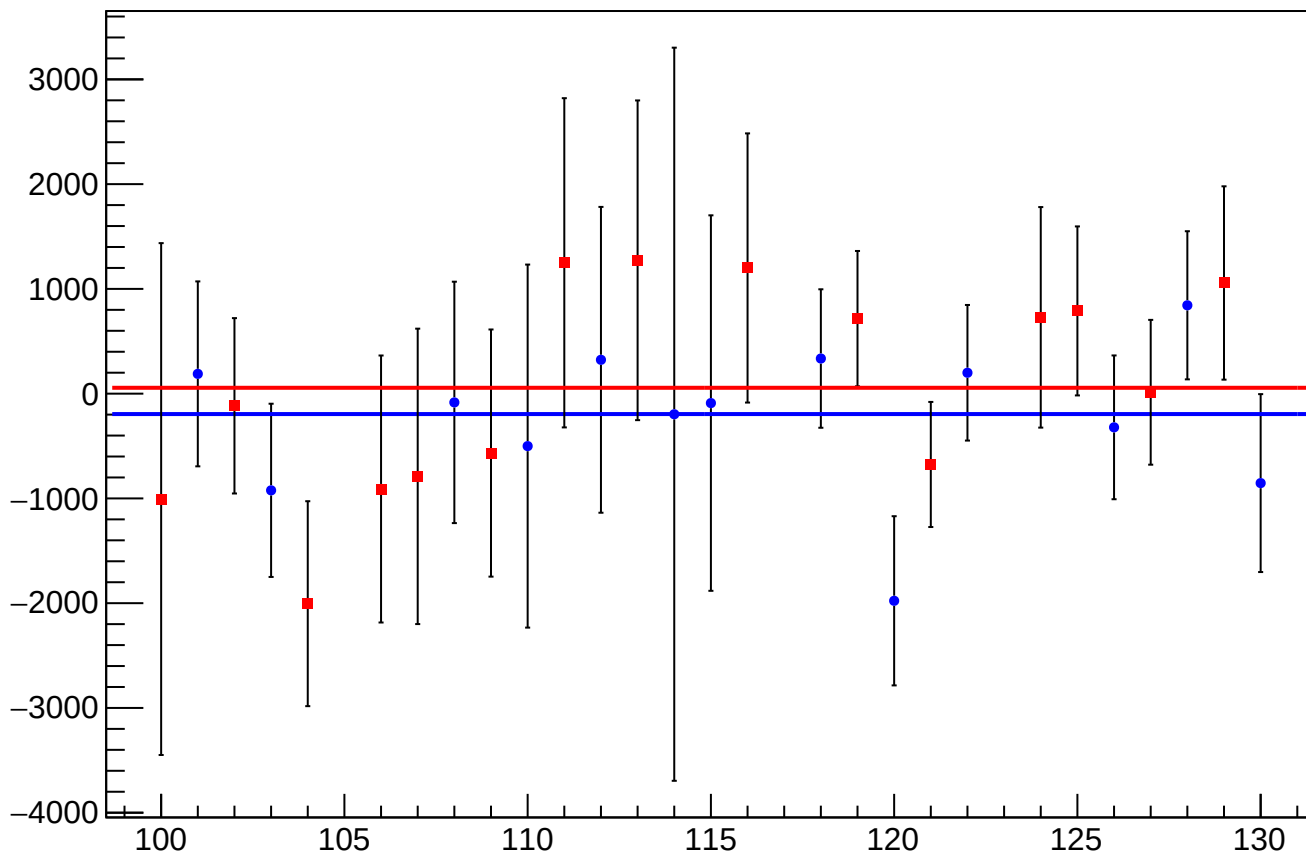
Right: 88.359+/-0.019 χ^2/NDF : 1998170.9/27

In: 87.967+/-0.028 χ^2/NDF : 950326.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.359+/-0.019 χ^2/NDF : 1998170.9/27

asym_sam1_dit_correction_mean vs Slug, Sign Corrected



Right In: -194.788 ± 246.807 χ^2/NDF : 9.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 56.064 ± 243.779 χ^2/NDF : 12.9/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

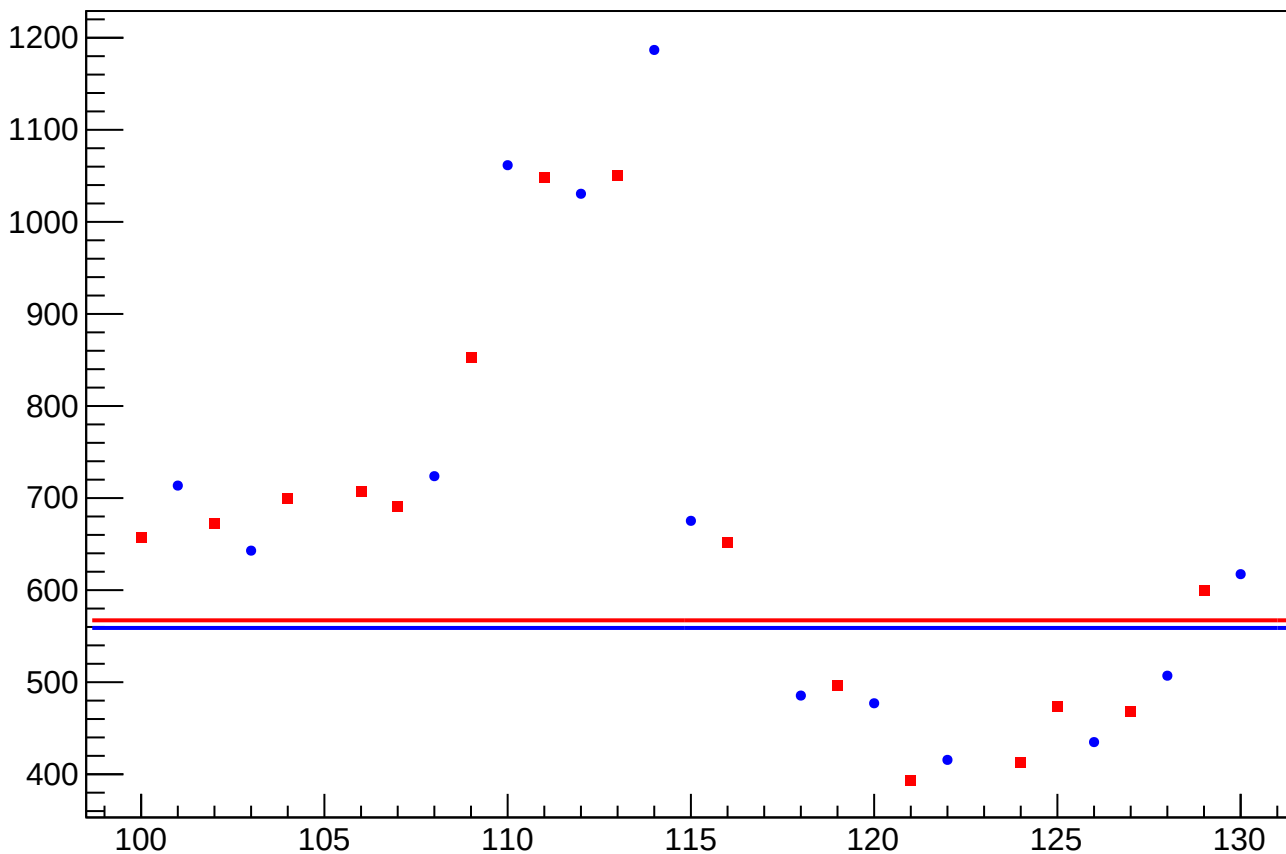
Right: -67.814 ± 173.439 χ^2/NDF : 23.2/27

In: -194.788 ± 246.807 χ^2/NDF : 9.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -67.814 ± 173.439 χ^2/NDF : 23.2/27

asym_sam1_dit_correction_rms vs Slug, Sign Corrected



Right In: 558.933+/-0.175 χ^2/NDF : 801710.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 567.210+/-0.172 χ^2/NDF : 931066.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

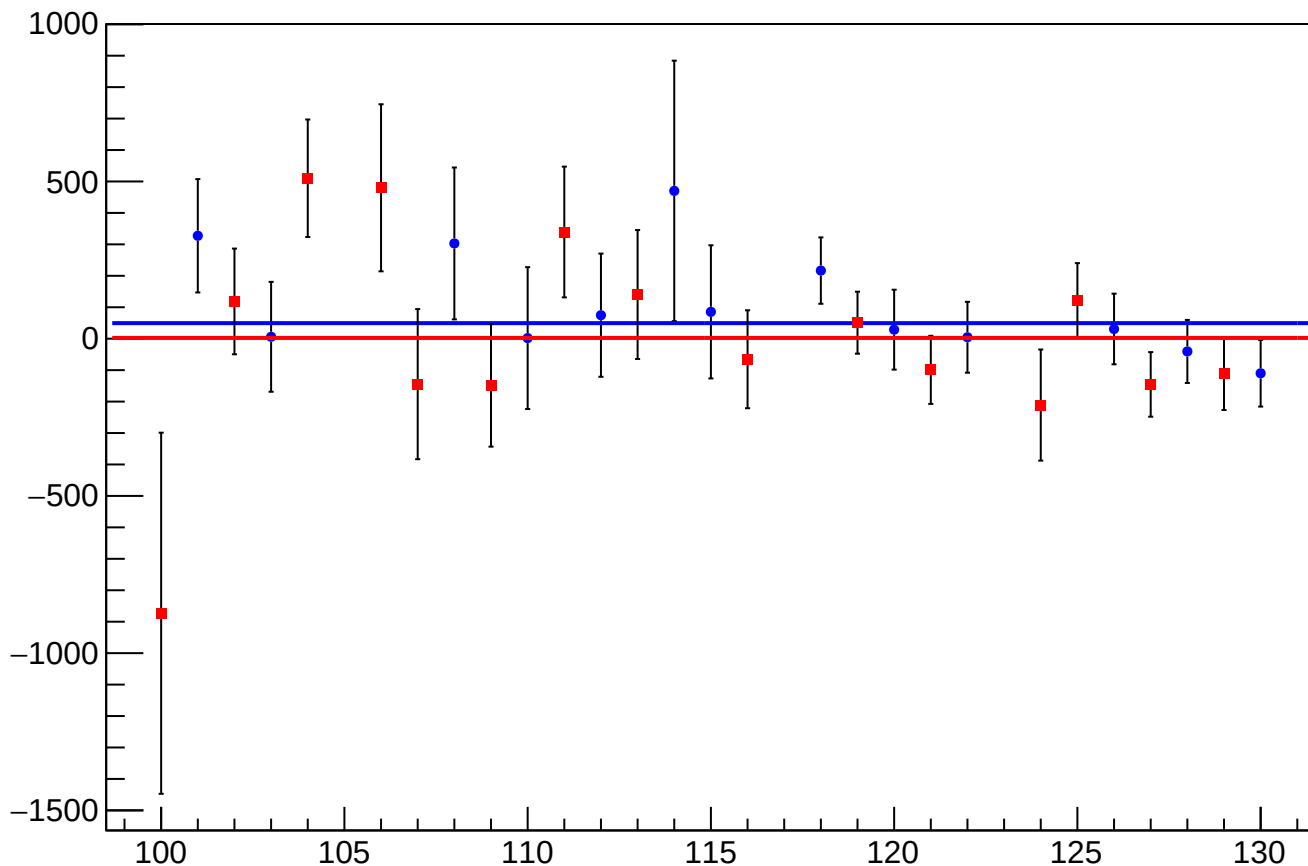
Right: 563.123+/-0.123 χ^2/NDF : 1733915.1/27

In: 558.933+/-0.175 χ^2/NDF :801710.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 563.123+/-0.123 χ^2/NDF : 1733915.1/27

eigen_dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 49.472+/-39.139 χ^2/NDF : 10.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.399+/-38.470 χ^2/NDF : 24.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

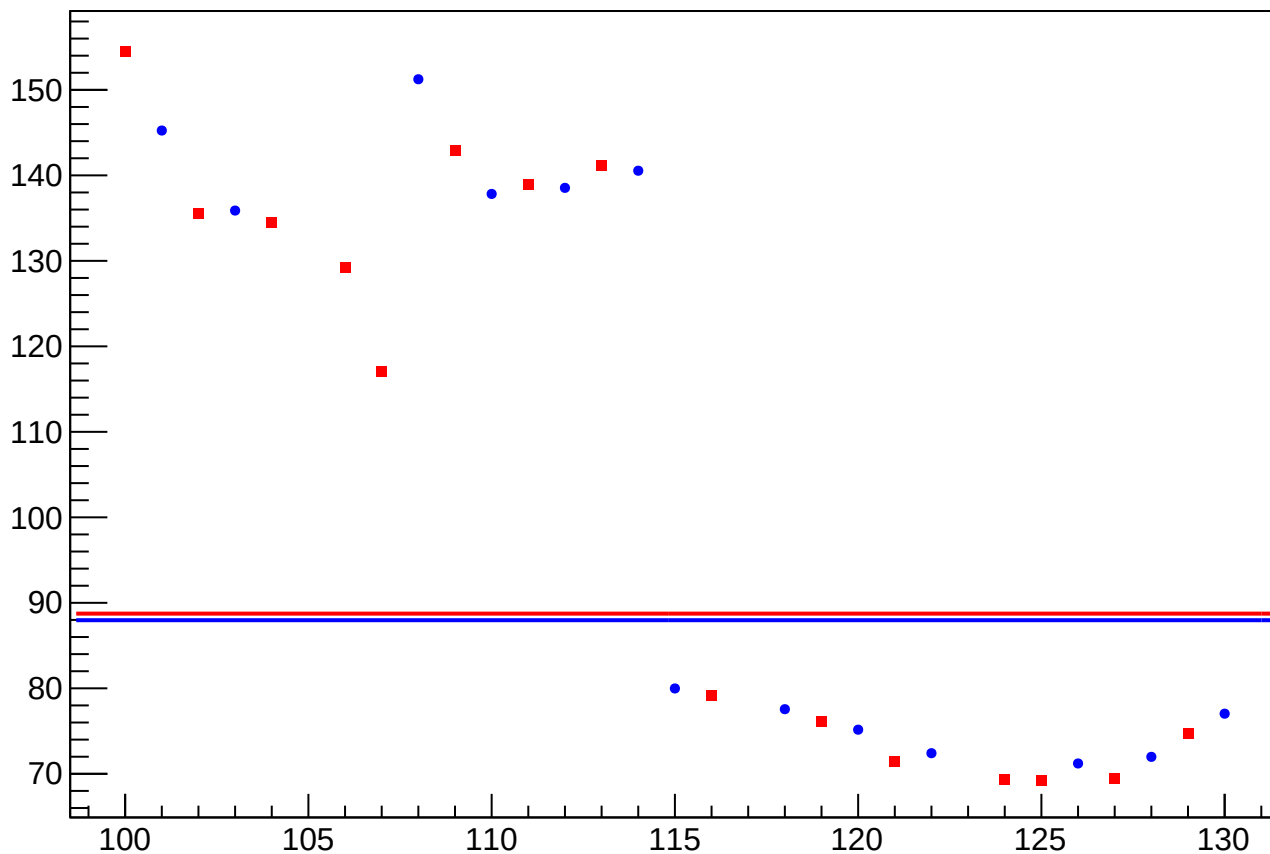
Right: 25.530+/-27.436 χ^2/NDF : 35.5/27

In: 49.472+/-39.139 χ^2/NDF : 10.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.530+/-27.436 χ^2/NDF : 35.5/27

eigen_dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 87.967+/-0.028 χ^2/NDF : 950326.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.738+/-0.027 χ^2/NDF : 1047449.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

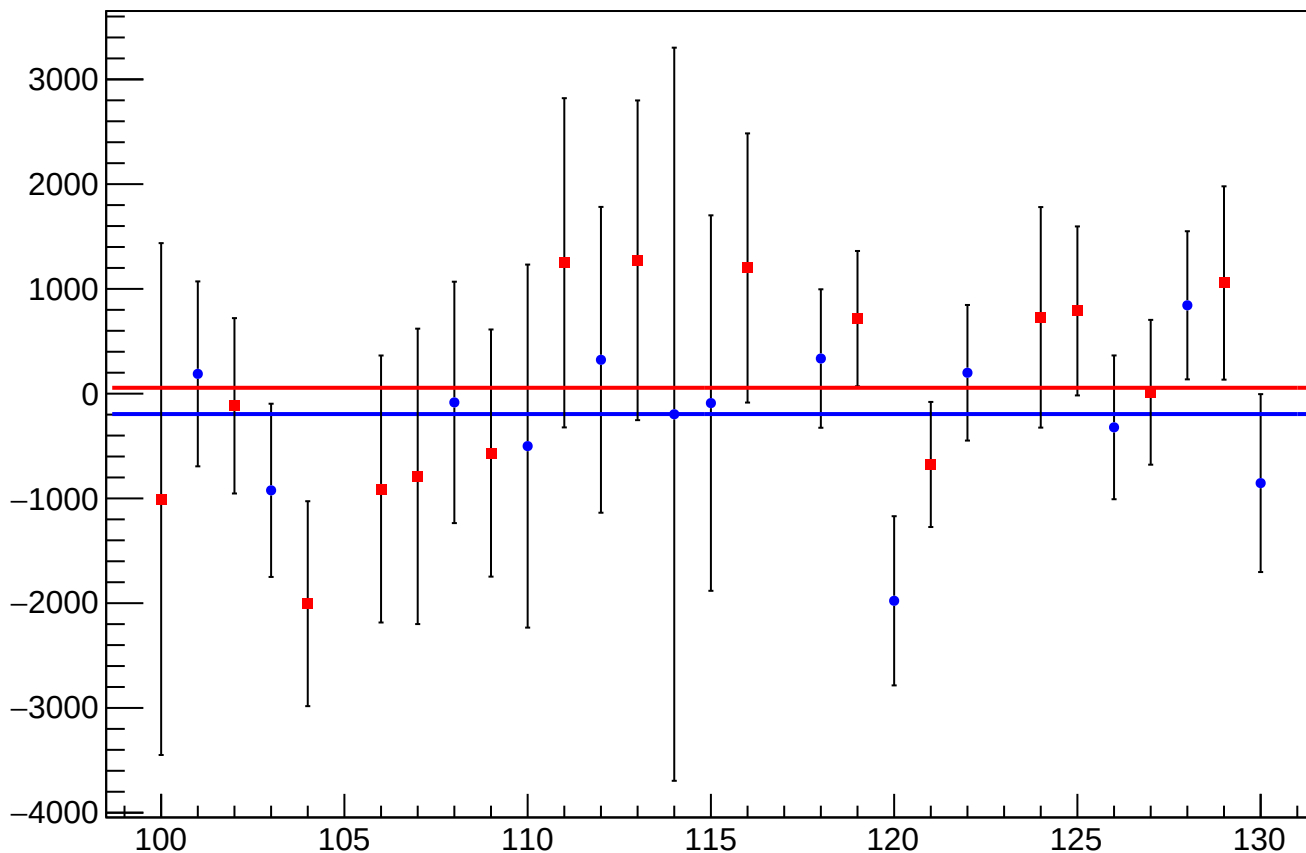
Right: 88.359+/-0.019 χ^2/NDF : 1998170.5/27

In: 87.967+/-0.028 χ^2/NDF : 950326.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.359+/-0.019 χ^2/NDF : 1998170.5/27

asym_sam1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -194.789+/-246.807 χ^2/NDF : 9.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.064+/-243.779 χ^2/NDF : 12.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

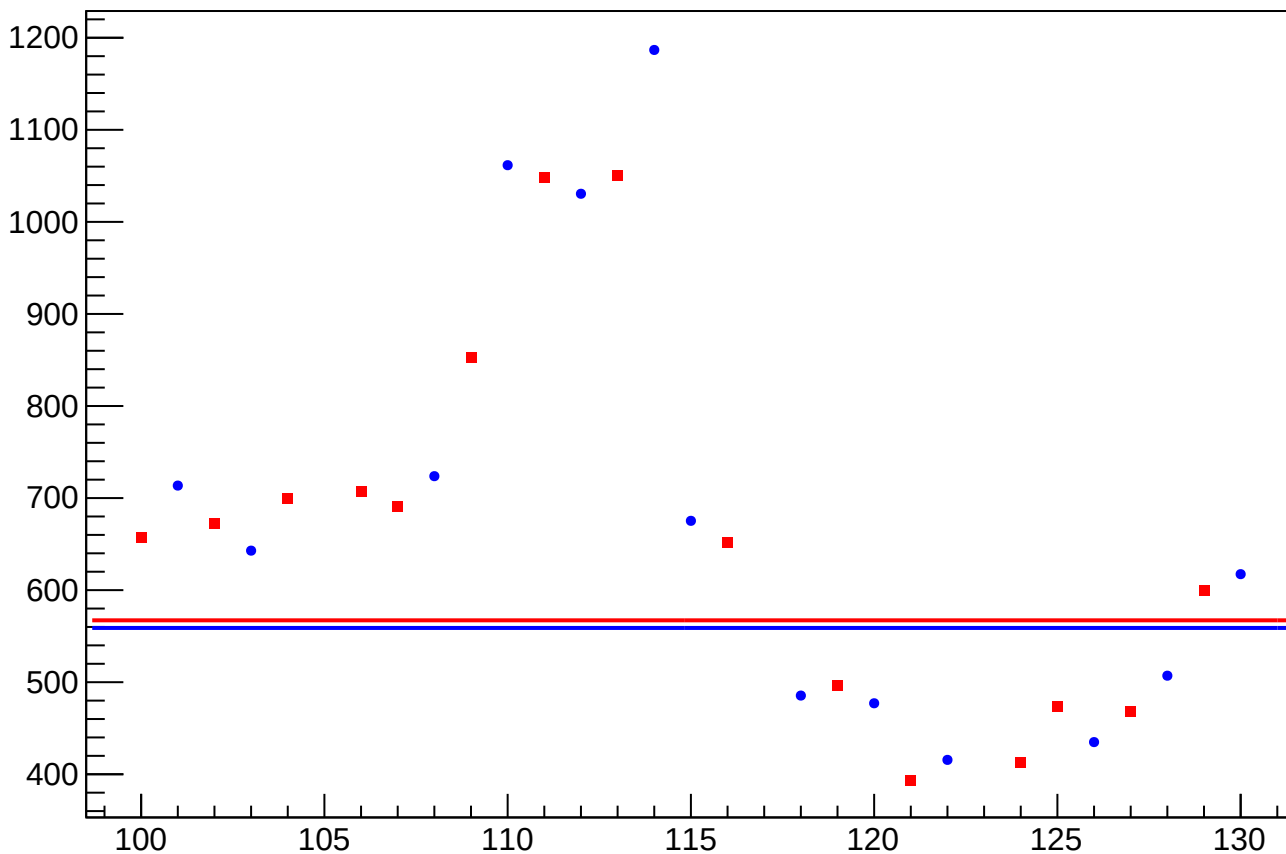
Right: -67.814+/-173.438 χ^2/NDF : 23.2/27

In: -194.789+/-246.807 χ^2/NDF : 9.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -67.814+/-173.438 χ^2/NDF : 23.2/27

asym_sam1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 558.933+/-0.175 χ^2/NDF : 801711.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 567.209+/-0.172 χ^2/NDF : 931067.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

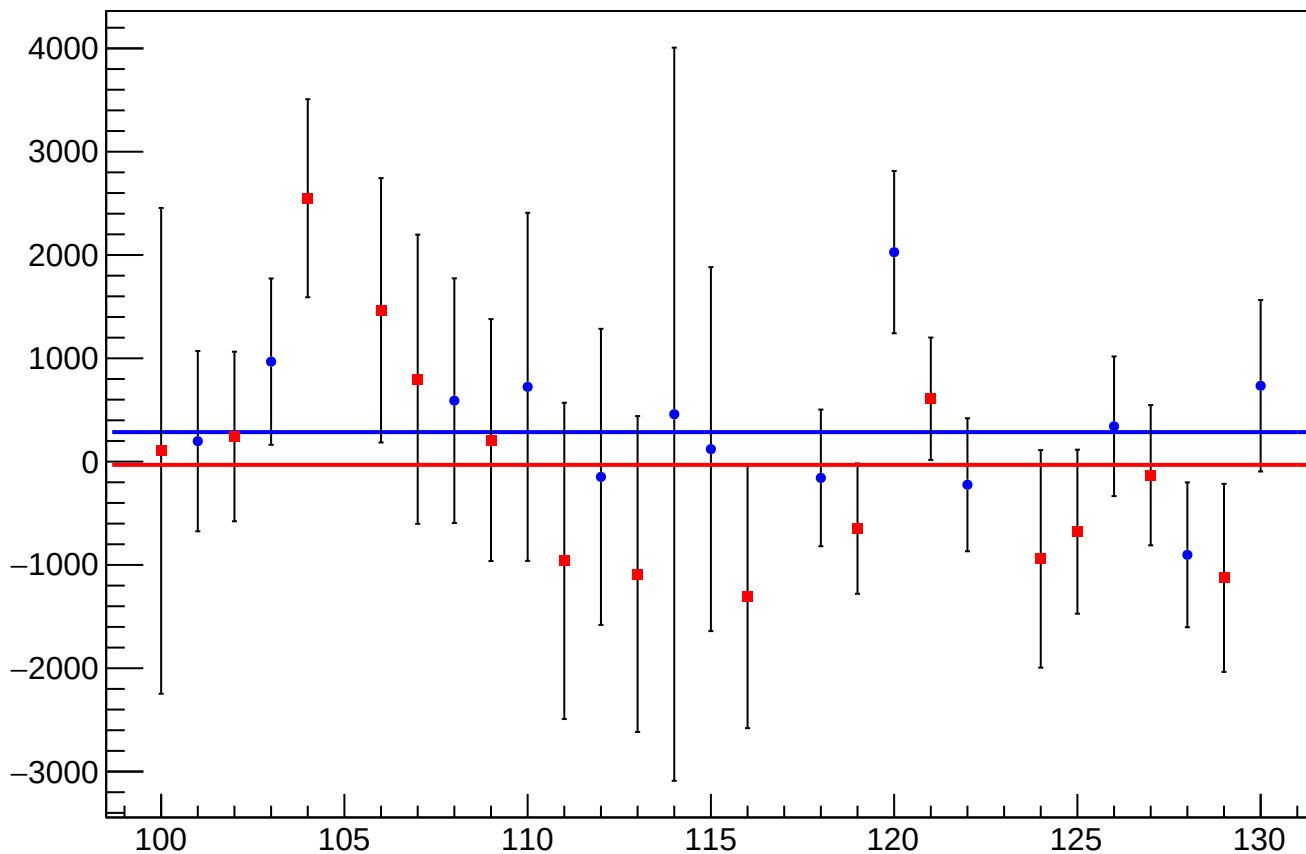
Right: 563.122+/-0.123 χ^2/NDF : 1733917.8/27

In: 558.933+/-0.175 χ^2/NDF :801711.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 563.122+/-0.123 χ^2/NDF : 1733917.8/27

asym_sam1_mean vs Slug, Sign Corrected



Right In: 285.683+/-243.921 χ^2/NDF : 10.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.333+/-240.370 χ^2/NDF : 16.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

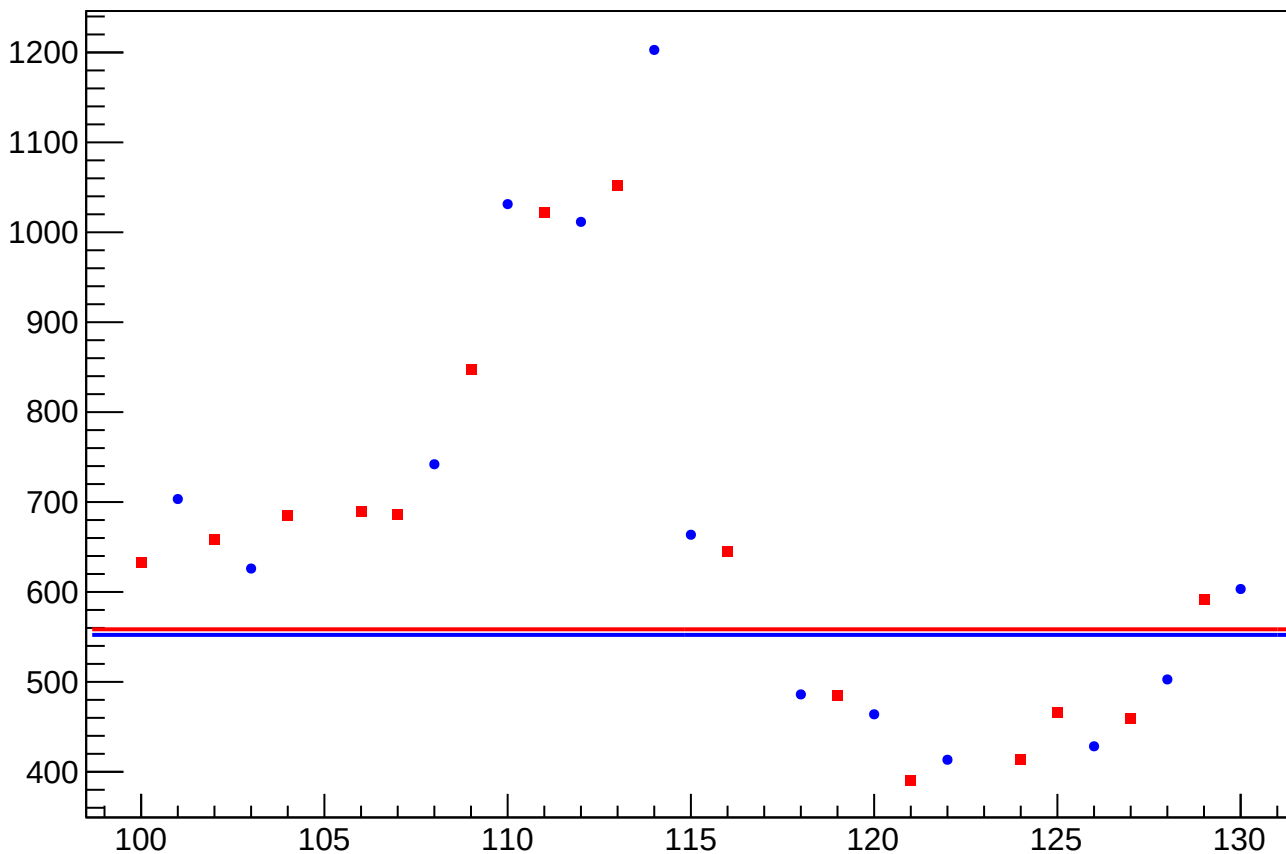
Right: 124.850+/-171.209 χ^2/NDF : 27.0/27

In: 285.683+/-243.921 χ^2/NDF : 10.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.850+/-171.209 χ^2/NDF : 27.0/27

asym_sam1_rms vs Slug, Sign Corrected



Right In: 552.269+/-0.172 χ^2/NDF : 793695.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 558.481+/-0.170 χ^2/NDF : 925320.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

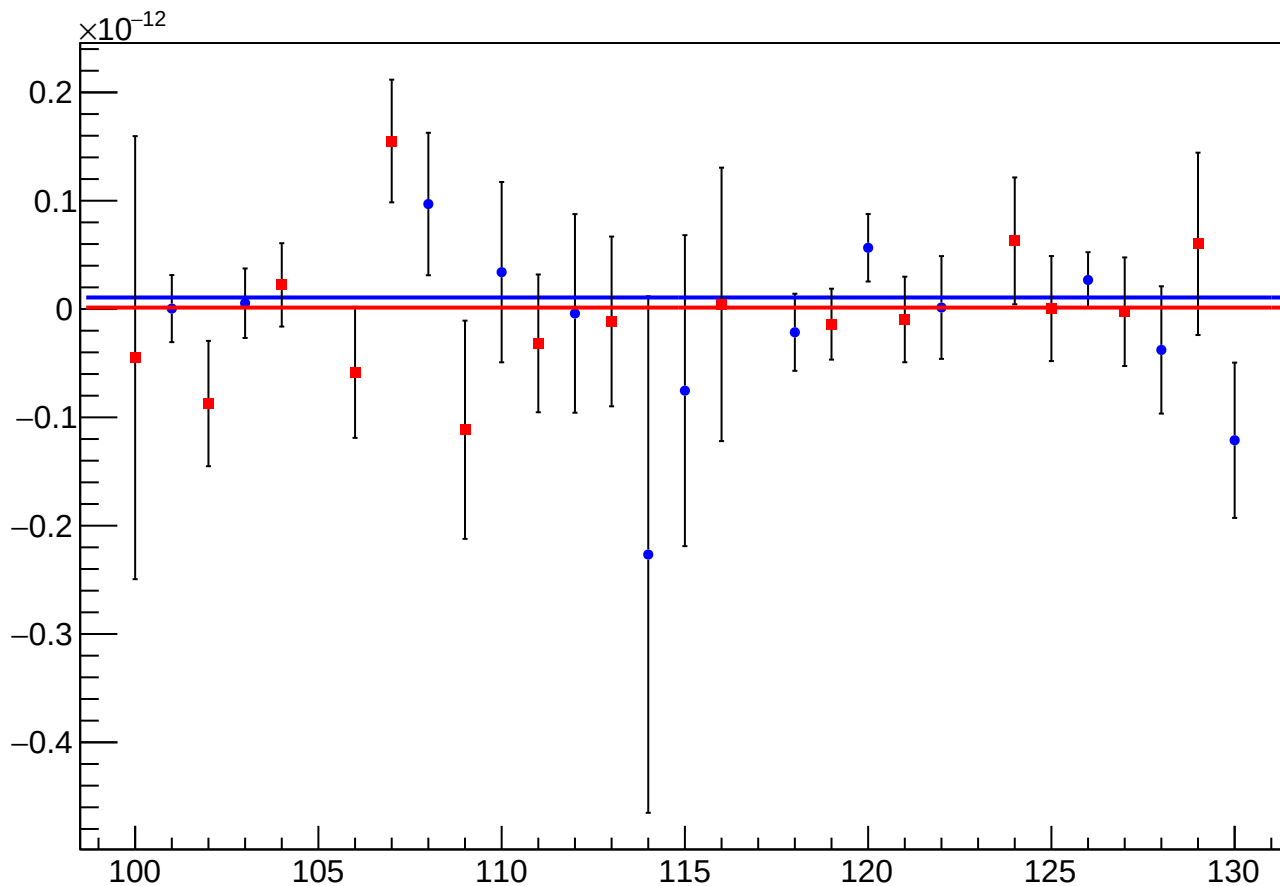
Right: 555.421+/-0.121 χ^2/NDF : 1719673.3/27

In: 552.269+/-0.172 χ^2/NDF : 793695.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 555.421+/-0.121 χ^2/NDF : 1719673.3/27

asym_sam1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

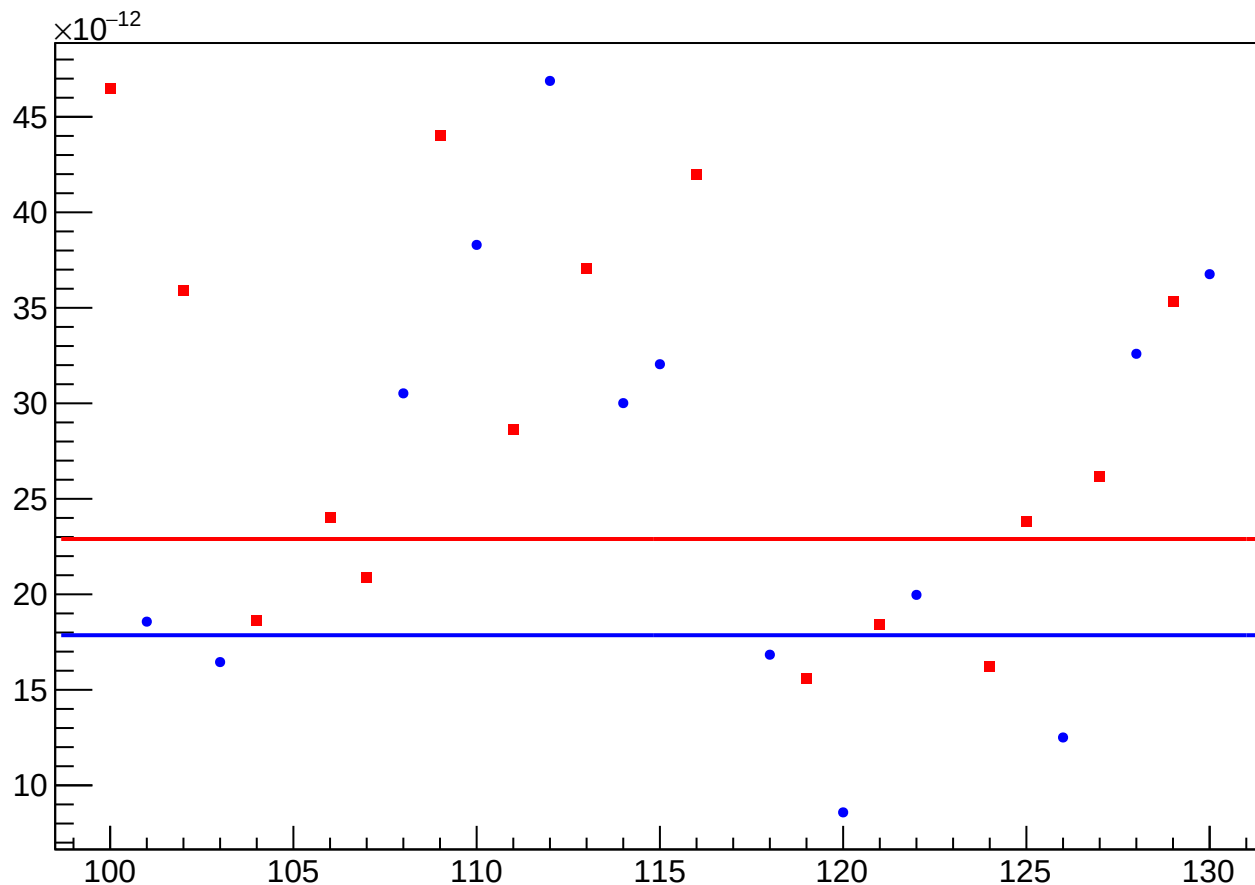
Right: 0.000+/-0.000 χ^2/NDF : 25.5/27

In: 0.000+/-0.000 χ^2/NDF : 10.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.5/27

asym_sam1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 959432.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 575959.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

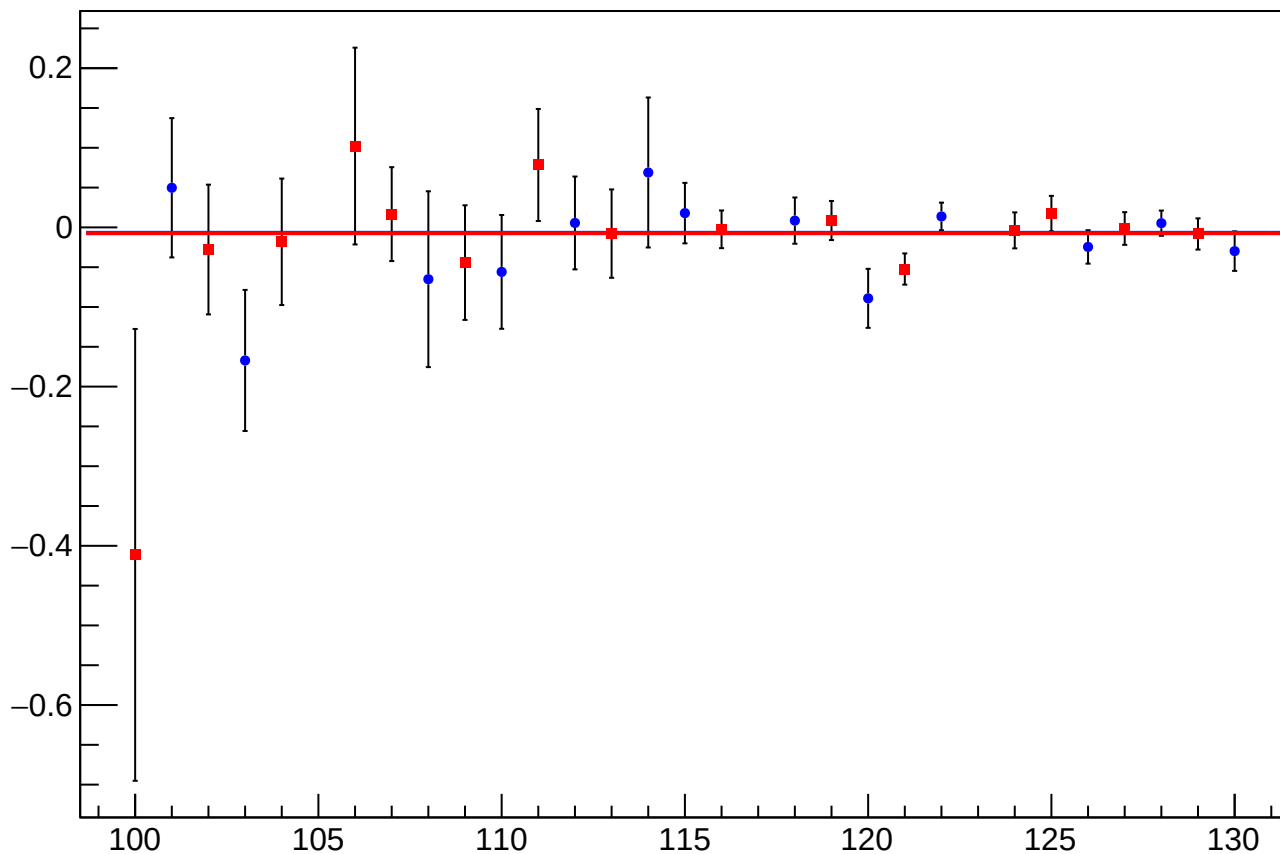
Right: 0.000+/-0.000 χ^2/NDF : 1681759.9/27

In: 0.000+/-0.000 χ^2/NDF : 959432.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1681759.9/27

asym_sam1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.008 χ^2/NDF : 14.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.007 ± 0.008 χ^2/NDF : 11.9/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

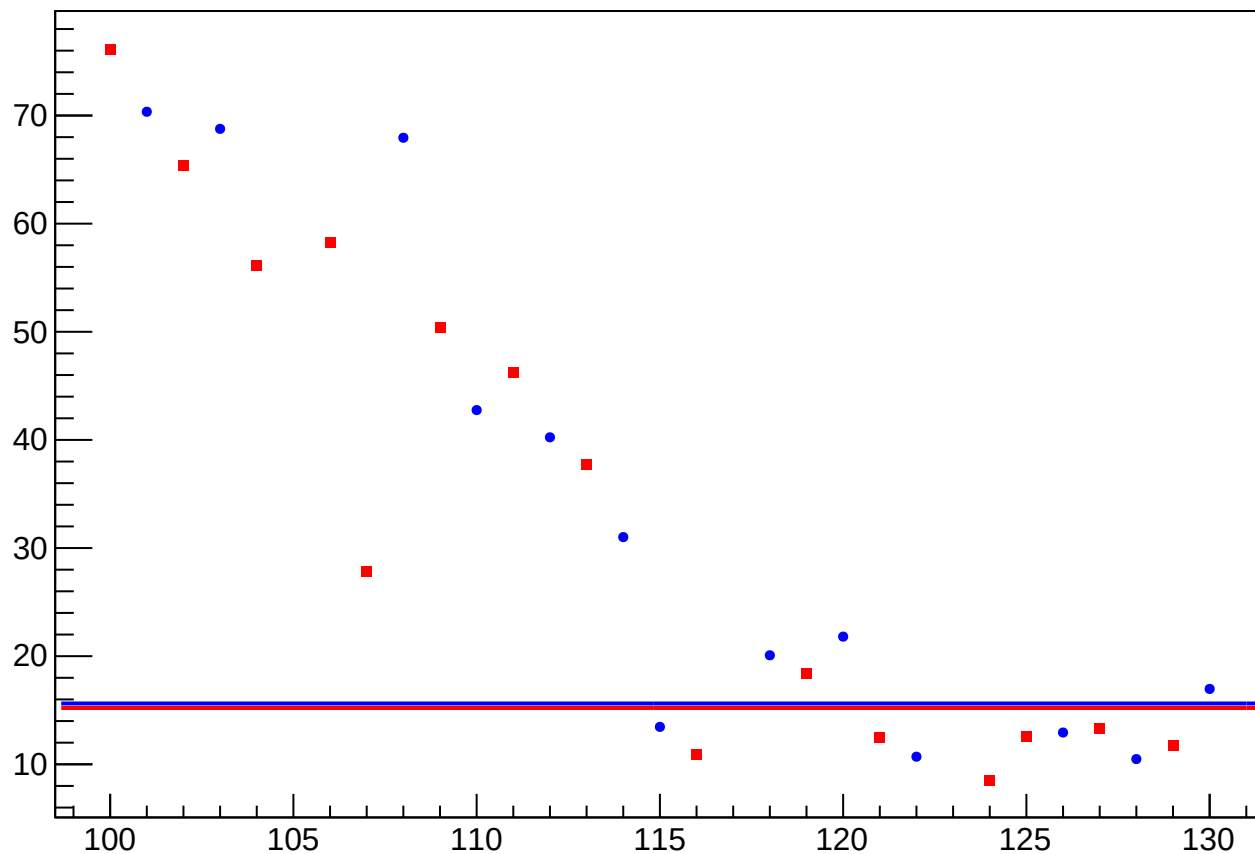
Right: -0.007 ± 0.006 χ^2/NDF : 26.2/27

In: -0.007 ± 0.008 χ^2/NDF : 14.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.006 χ^2/NDF : 26.2/27

asym_sam1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 15.624+/-0.006 χ^2/NDF : 3168317.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.209+/-0.006 χ^2/NDF : 3332295.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

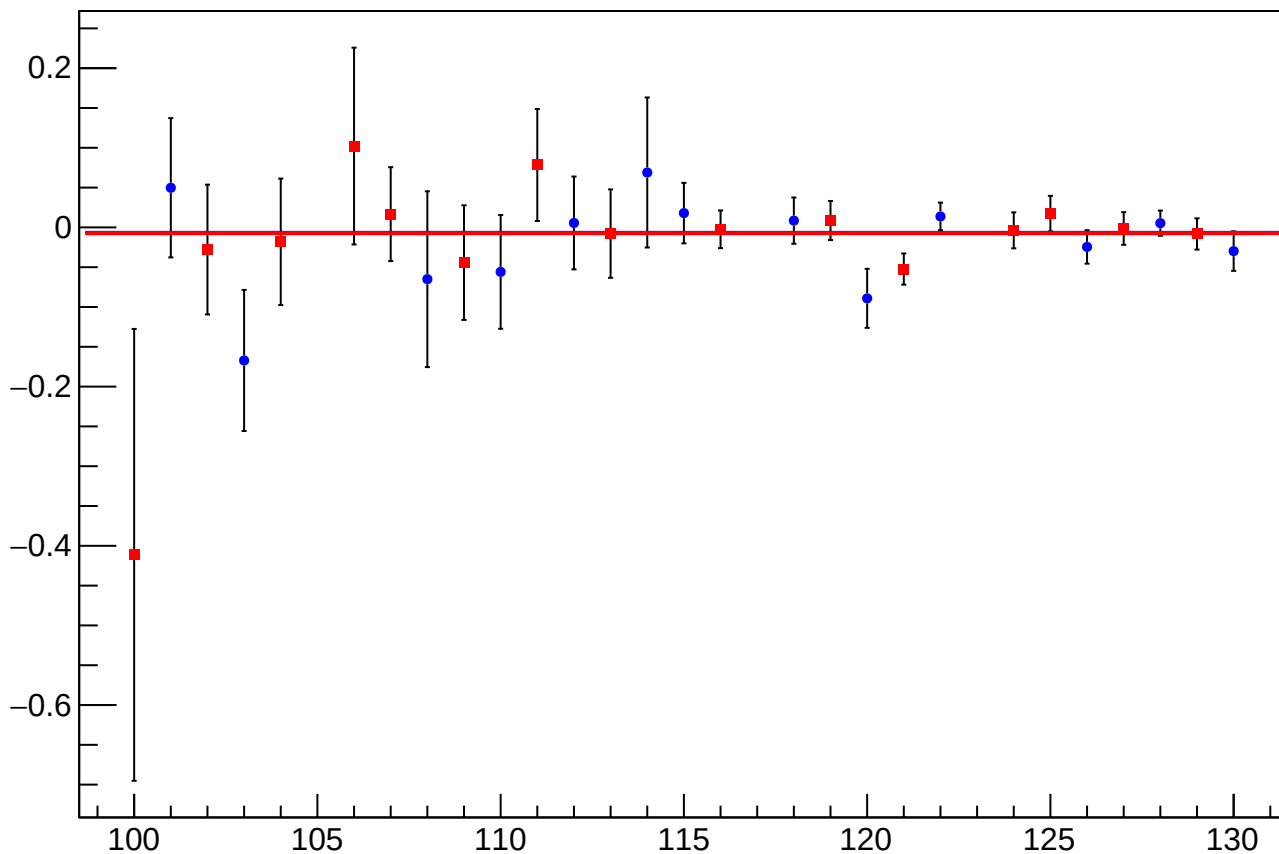
Right: 15.406+/-0.004 χ^2/NDF : 6503285.6/27

In: 15.624+/-0.006 χ^2/NDF : 3168317.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.406+/-0.004 χ^2/NDF : 6503285.6/27

asym_sam1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.008 χ^2 /NDF: 14.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.007 $\pm$ 0.008 χ^2 /NDF: 11.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

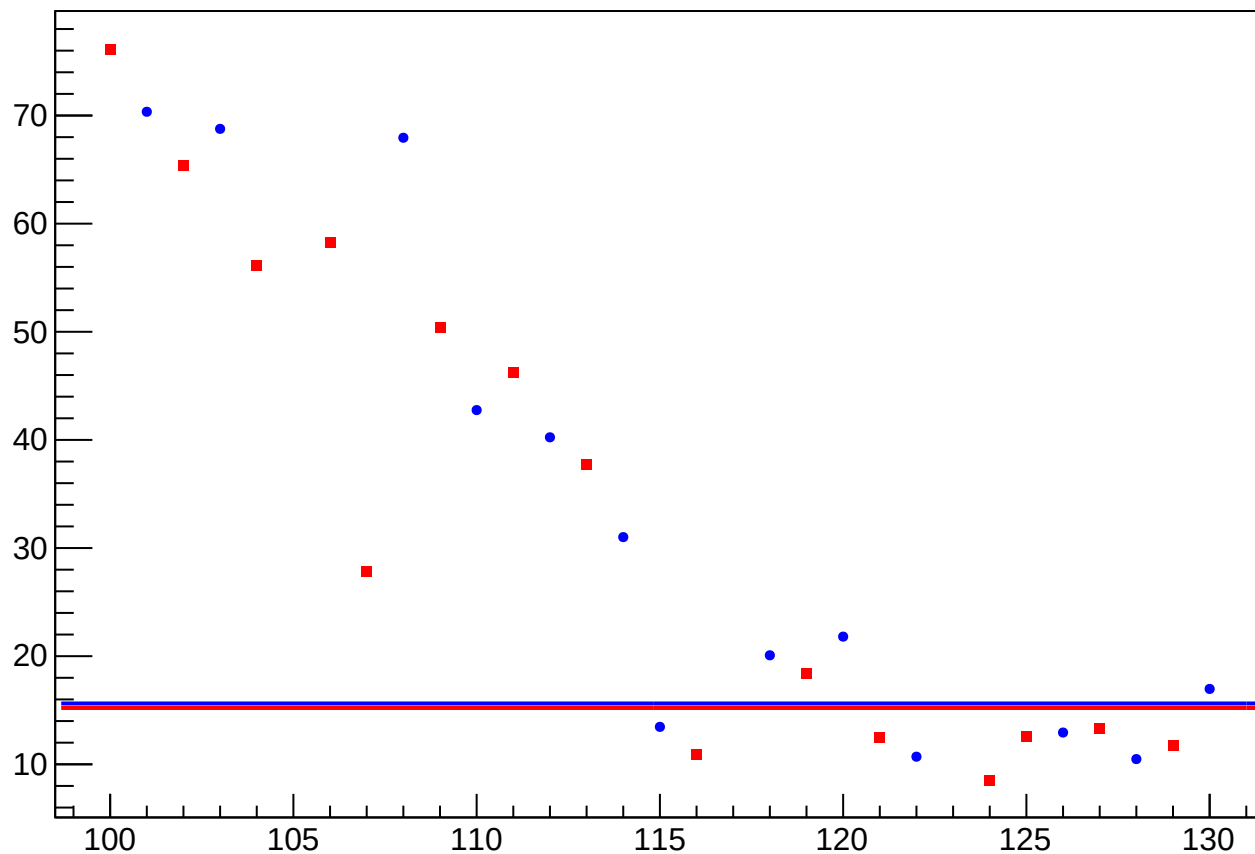
Right: -0.007 $\pm$ 0.006 χ^2 /NDF: 26.2/27

In: -0.007 $\pm$ 0.008 χ^2 /NDF:14.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.006 χ^2 /NDF: 26.2/27

asym_sam1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 15.624+/-0.006 χ^2/NDF : 3168317.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.209+/-0.006 χ^2/NDF : 3332295.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

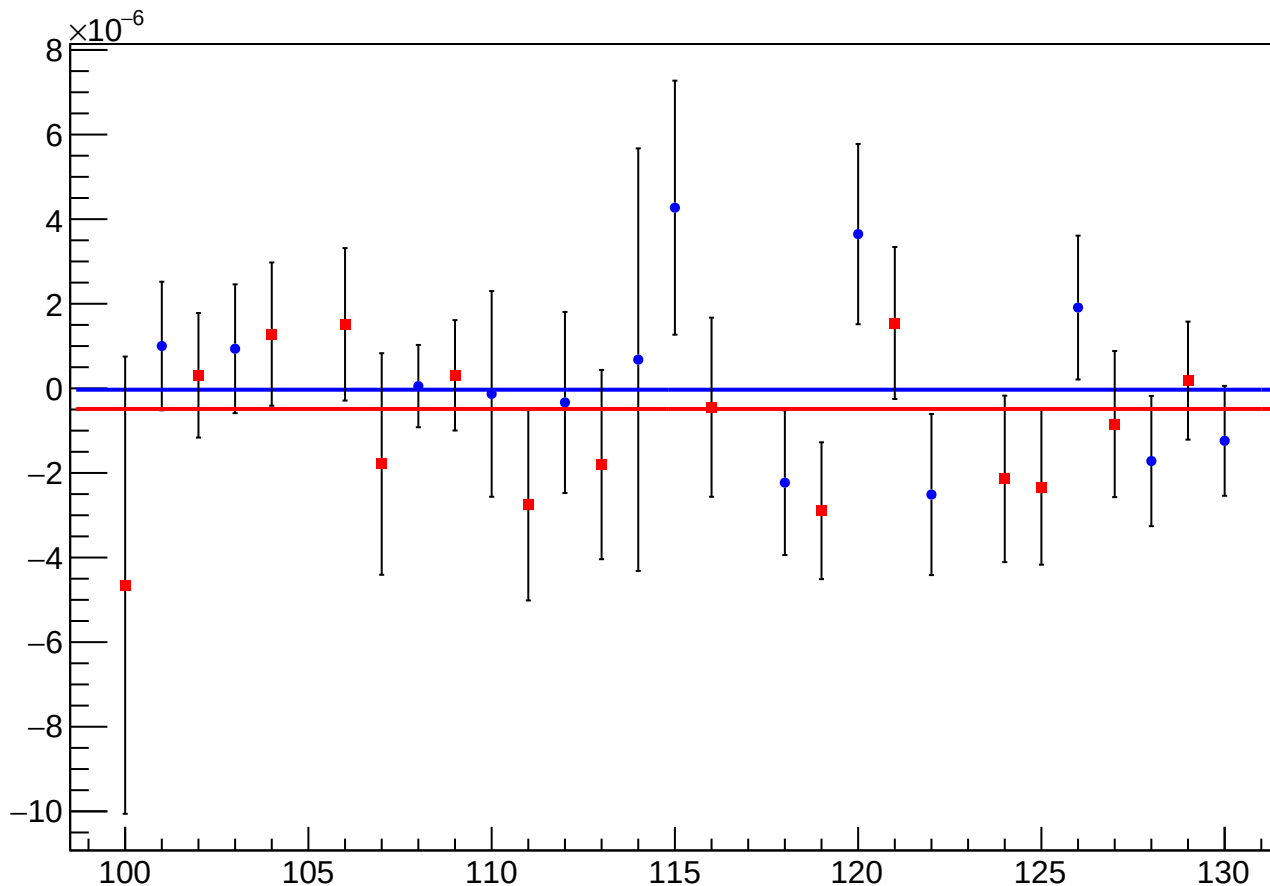
Right: 15.406+/-0.004 χ^2/NDF : 6503285.6/27

In: 15.624+/-0.006 χ^2/NDF : 3168317.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.406+/-0.004 χ^2/NDF : 6503285.6/27

asym_sam1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

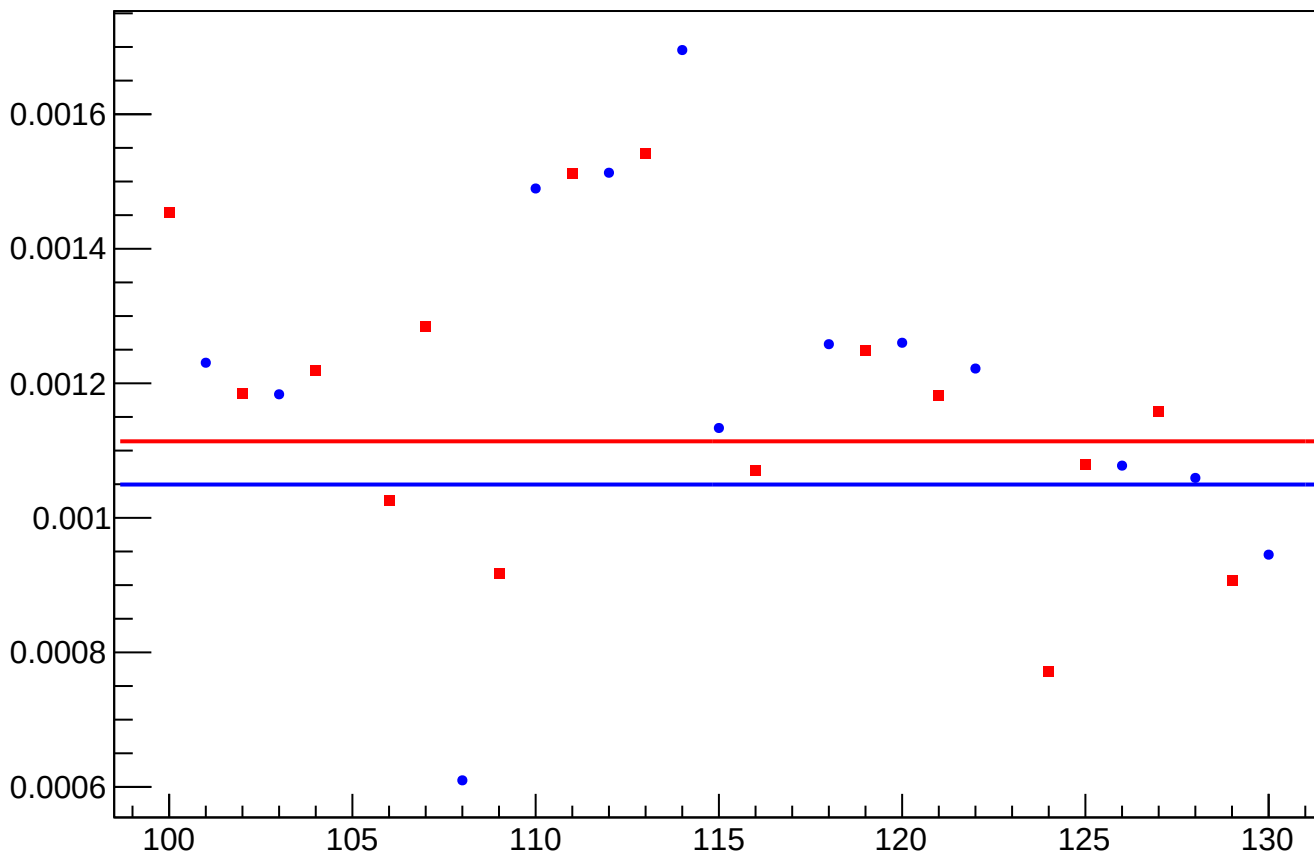
Right: -0.000+/-0.000 χ^2/NDF : 23.8/27

In: -0.000+/-0.000 χ^2/NDF : 12.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.8/27

asym_sam1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 725907.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 338460.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

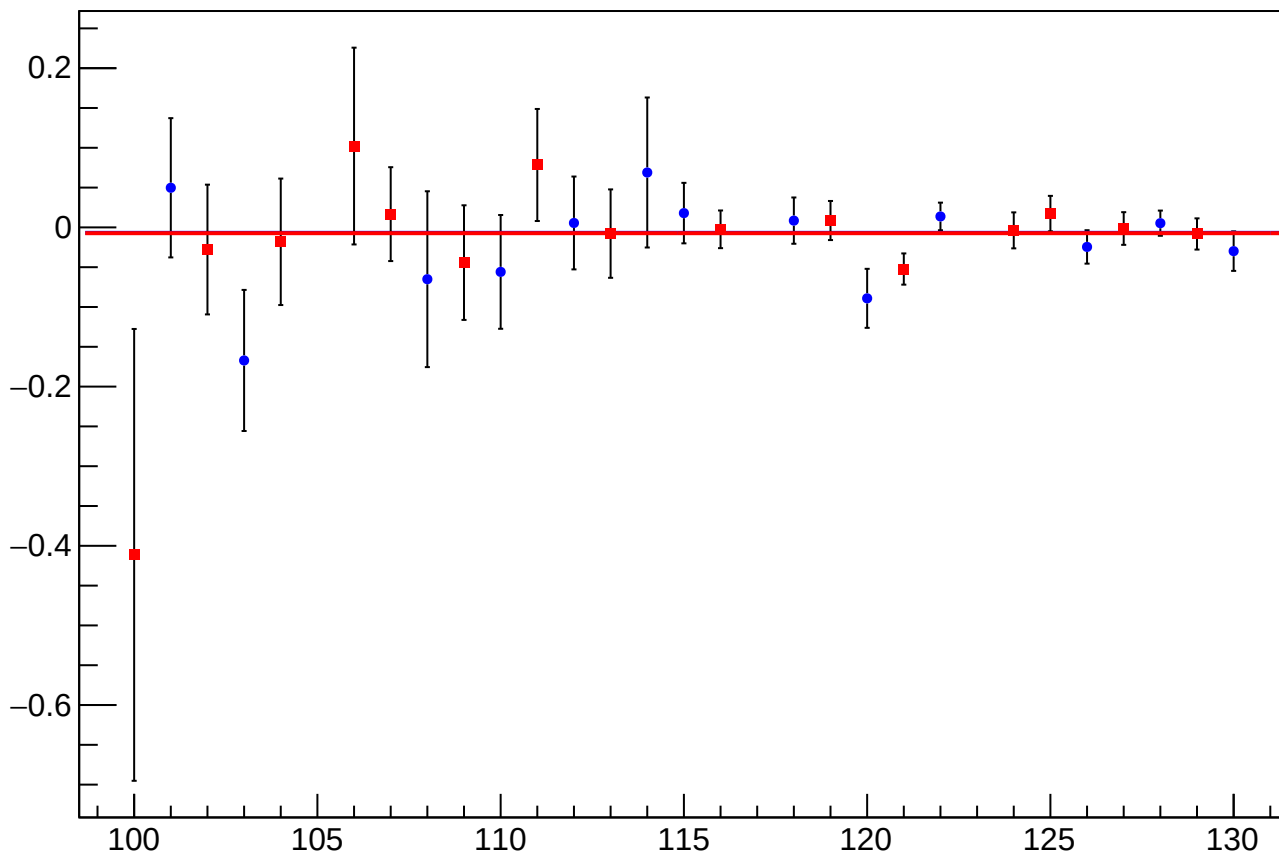
Right: 0.001+/-0.000 χ^2/NDF : 1083463.4/27

In: 0.001+/-0.000 χ^2/NDF : 725907.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1083463.4/27

asym_sam1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.008 χ^2 /NDF: 14.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.007 $\pm$ 0.008 χ^2 /NDF: 11.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

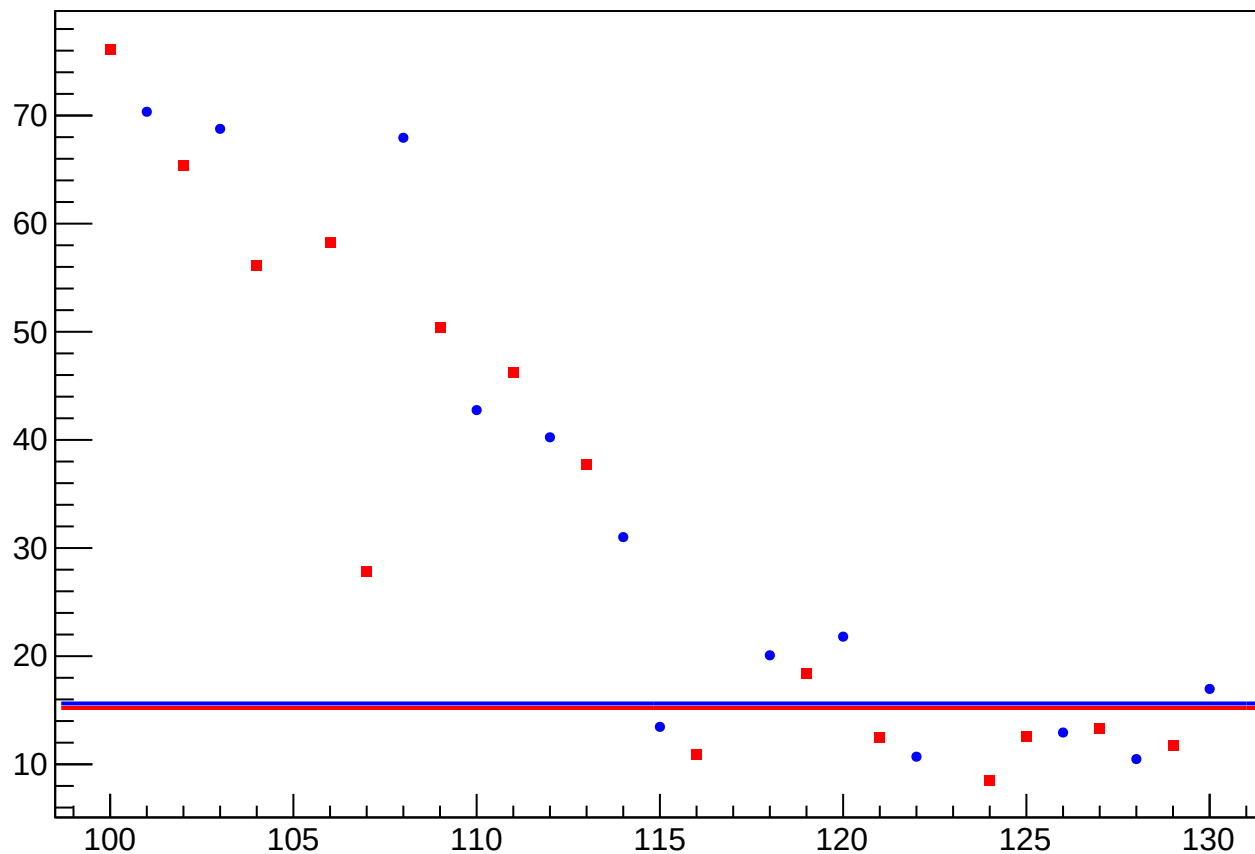
Right: -0.007 $\pm$ 0.006 χ^2 /NDF: 26.2/27

In: -0.007 $\pm$ 0.008 χ^2 /NDF:14.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.006 χ^2 /NDF: 26.2/27

asym_sam1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 15.624+/-0.006 χ^2/NDF : 3168362.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.209+/-0.006 χ^2/NDF : 3332310.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

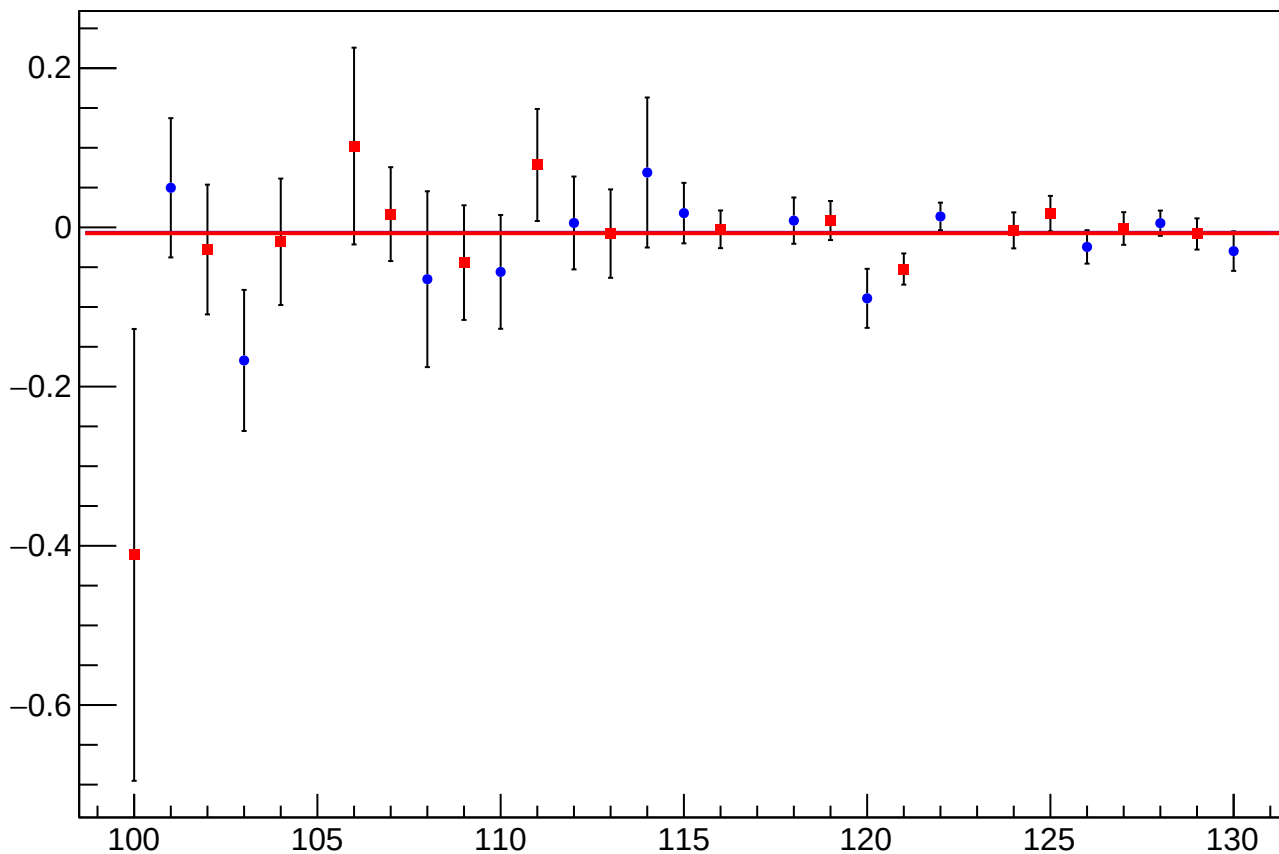
Right: 15.405+/-0.004 χ^2/NDF : 6503343.9/27

In: 15.624+/-0.006 χ^2/NDF : 3168362.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.405+/-0.004 χ^2/NDF : 6503343.9/27

asym_sam1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.008 χ^2/NDF : 14.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.007 ± 0.008 χ^2/NDF : 11.9/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

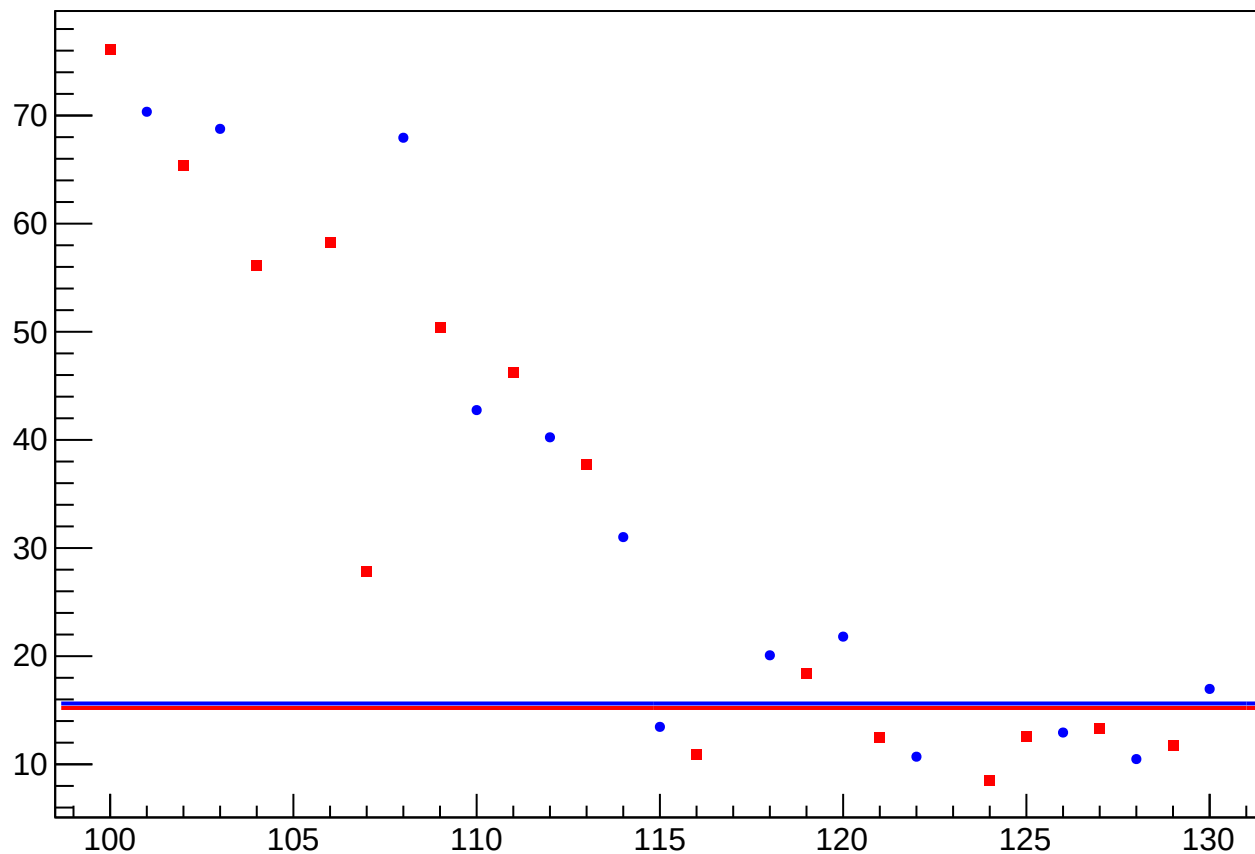
Right: -0.007 ± 0.006 χ^2/NDF : 26.2/27

In: -0.007 ± 0.008 χ^2/NDF : 14.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.006 χ^2/NDF : 26.2/27

asym_sam1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 15.624+/-0.006 χ^2/NDF : 3168362.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.209+/-0.006 χ^2/NDF : 3332310.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

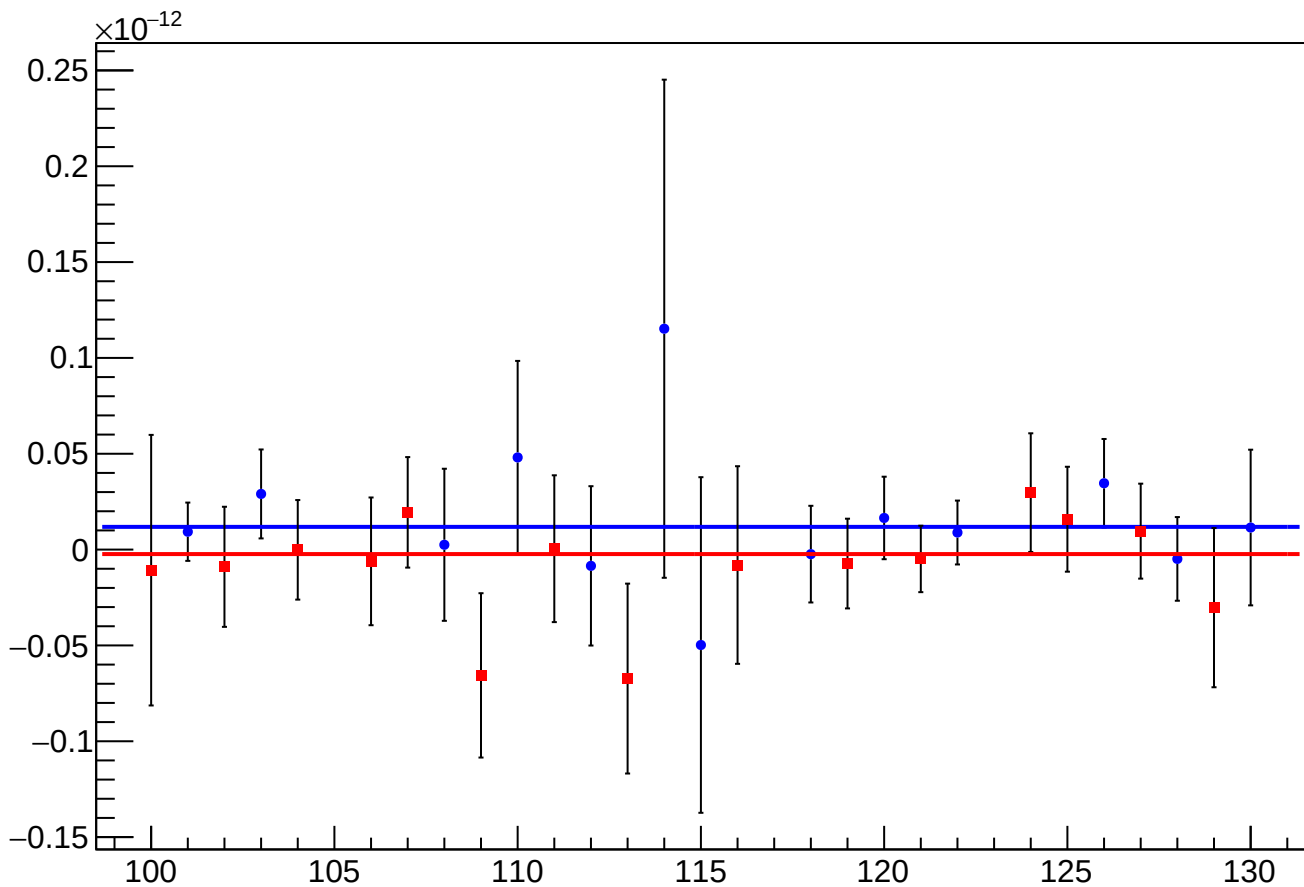
Right: 15.405+/-0.004 χ^2/NDF : 6503343.9/27

In: 15.624+/-0.006 χ^2/NDF : 3168362.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.405+/-0.004 χ^2/NDF : 6503343.9/27

asym_sam1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

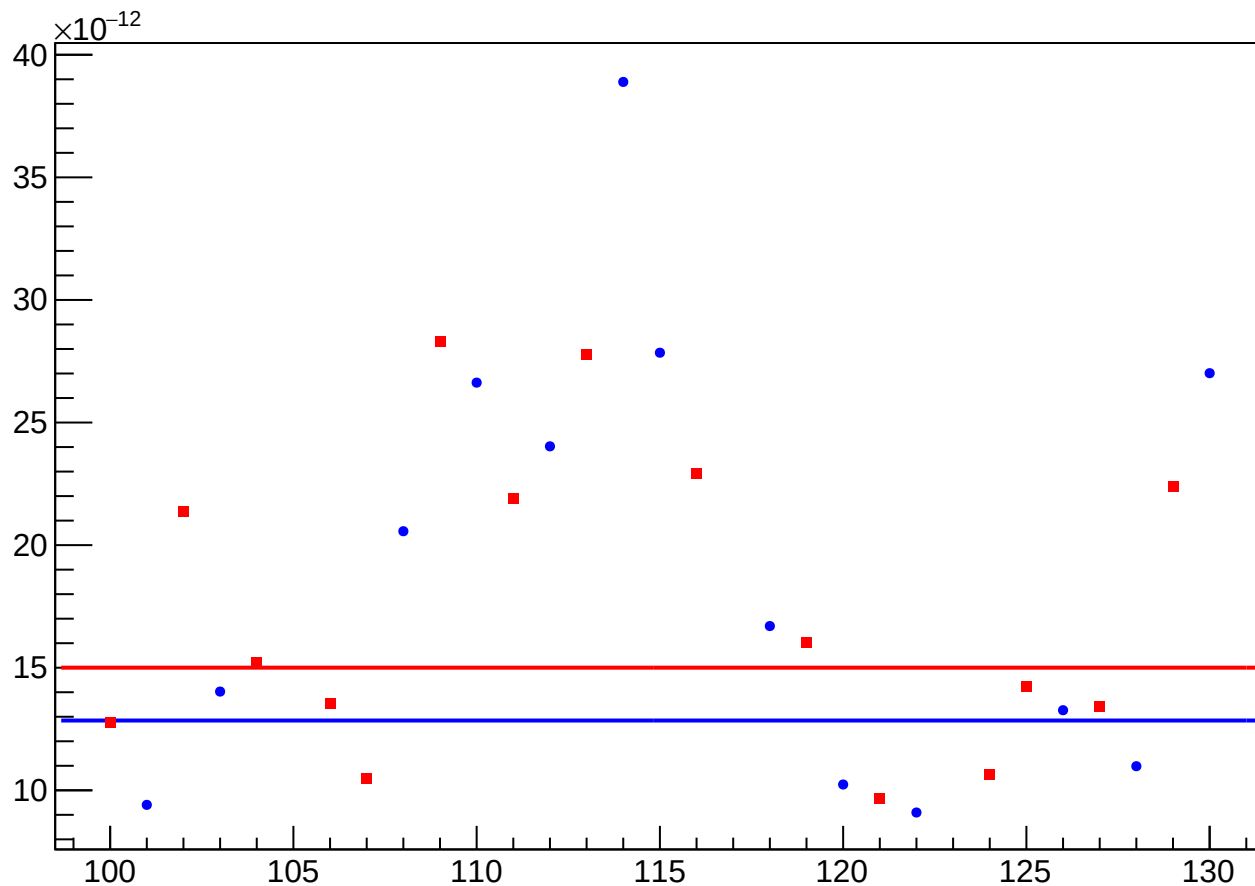
Right: 0.000+/-0.000 χ^2/NDF : 13.1/27

In: 0.000+/-0.000 χ^2/NDF : 4.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.1/27

asym_sam1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1053106.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 881770.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

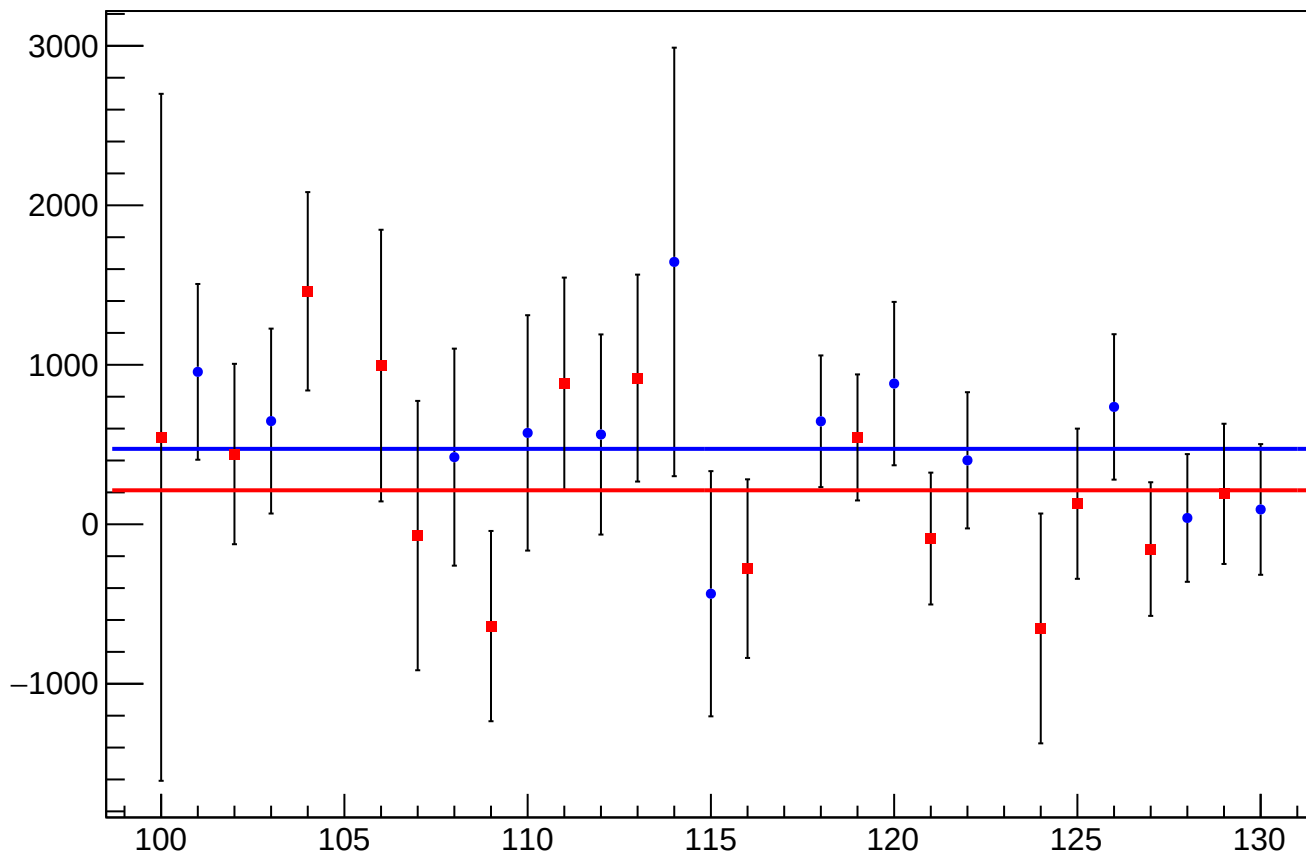
Right: 0.000+/-0.000 χ^2/NDF : 2018864.8/27

In: 0.000+/-0.000 χ^2/NDF : 1053106.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2018864.8/27

reg_asym_sam2_mean vs Slug, Sign Corrected



Right In: 472.949+/-145.533 χ^2/NDF : 6.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 213.124+/-142.998 χ^2/NDF : 13.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

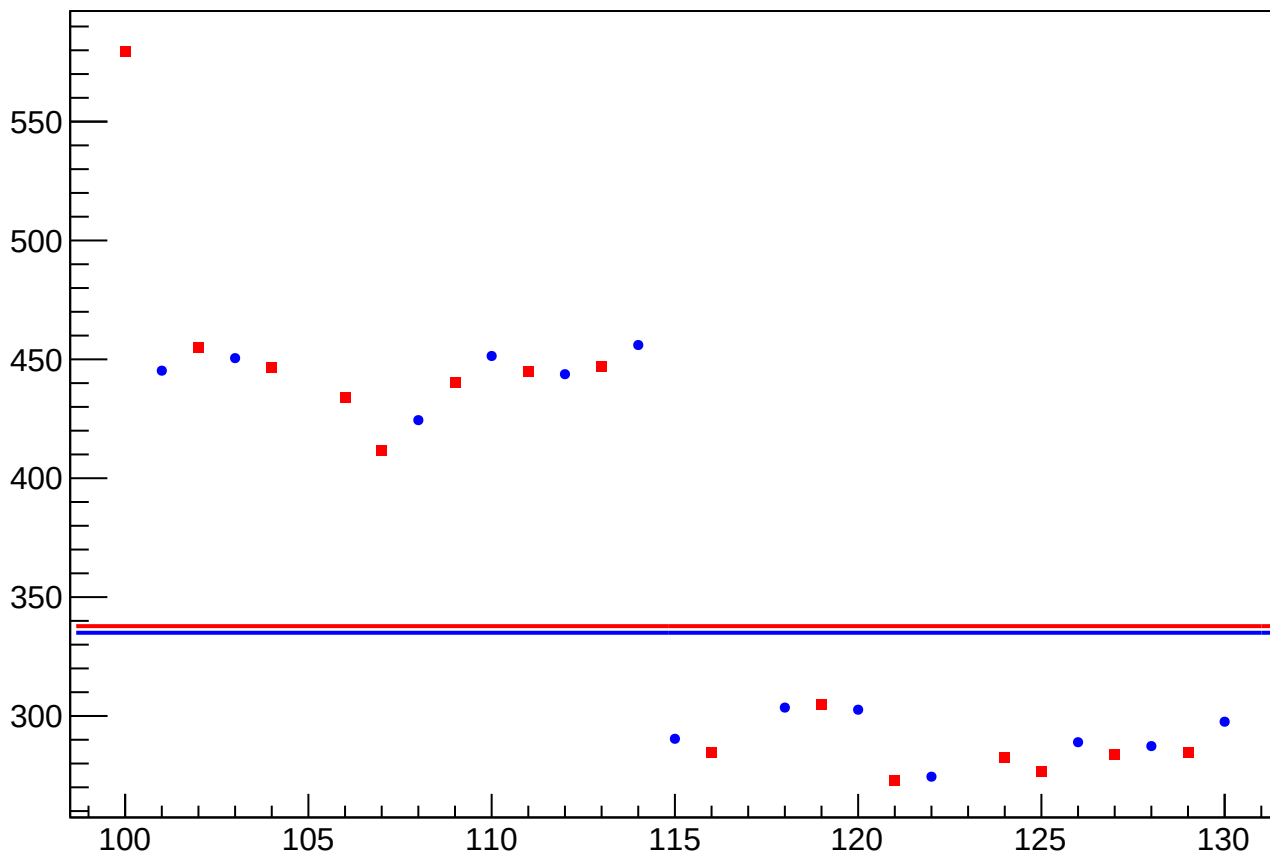
Right: 340.754+/-101.999 χ^2/NDF : 21.5/27

In: 472.949+/-145.533 χ^2/NDF : 6.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 340.754+/-101.999 χ^2/NDF : 21.5/27

reg_asym_sam2_rms vs Slug, Sign Corrected



Right In: 335.006+/-0.103 χ^2/NDF : 452035.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 337.787+/-0.101 χ^2/NDF : 569768.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

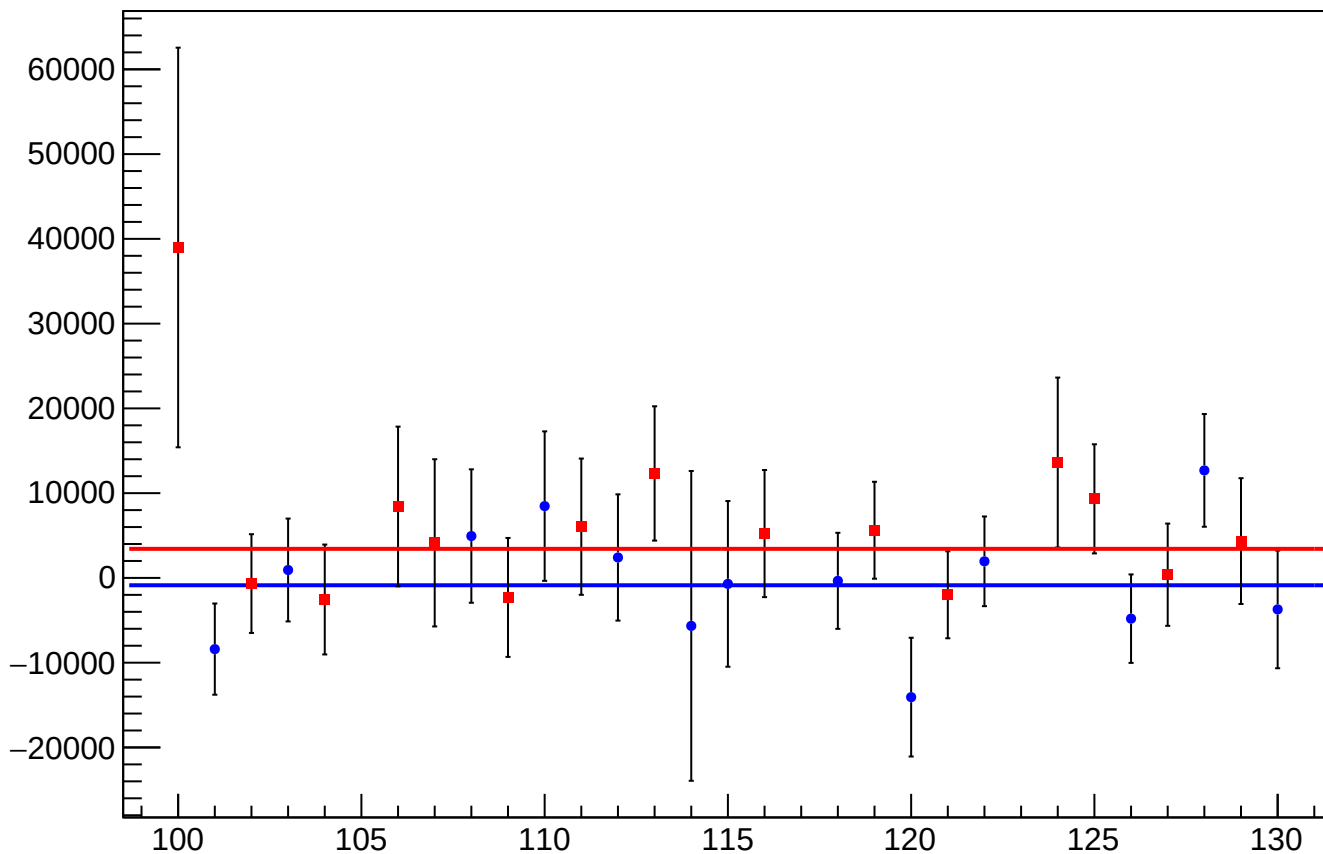
Right: 336.421+/-0.072 χ^2/NDF : 1022175.6/27

In: 335.006+/-0.103 χ^2/NDF : 452035.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 336.421+/-0.072 χ^2/NDF : 1022175.6/27

asym_sam2_reg_correction_mean vs Slug, Sign Corrected



Right In: -866.548+/-1858.340 χ^2/NDF : 12.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3430.477+/-1842.850 χ^2/NDF : 9.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

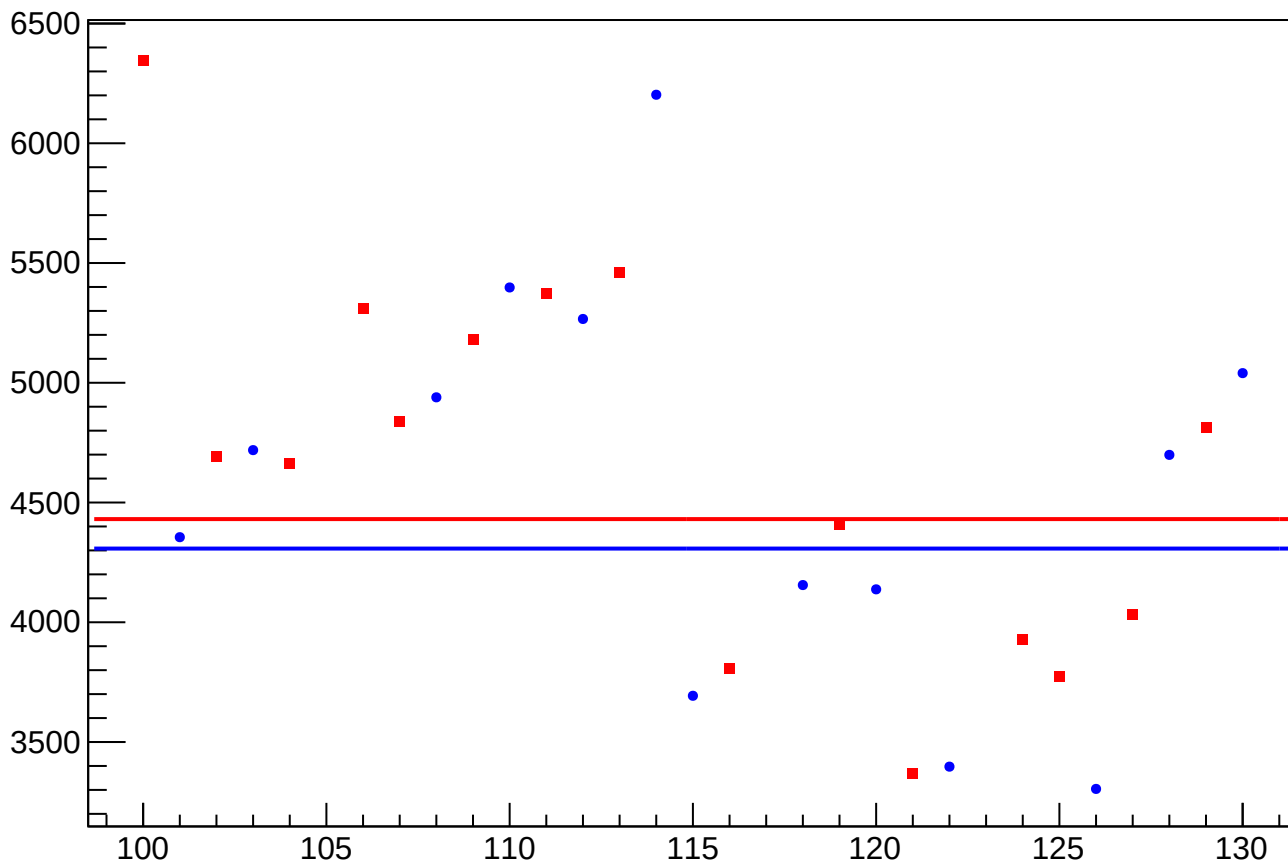
Right: 1299.949+/-1308.534 χ^2/NDF : 24.8/27

In: -866.548+/-1858.340 χ^2/NDF :12.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1299.949+/-1308.534 χ^2/NDF : 24.8/27

asym_sam2_reg_correction_rms vs Slug, Sign Corrected



Right In: 4307.720+/-1.314 χ^2/NDF : 280363.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4430.768+/-1.303 χ^2/NDF : 264070.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

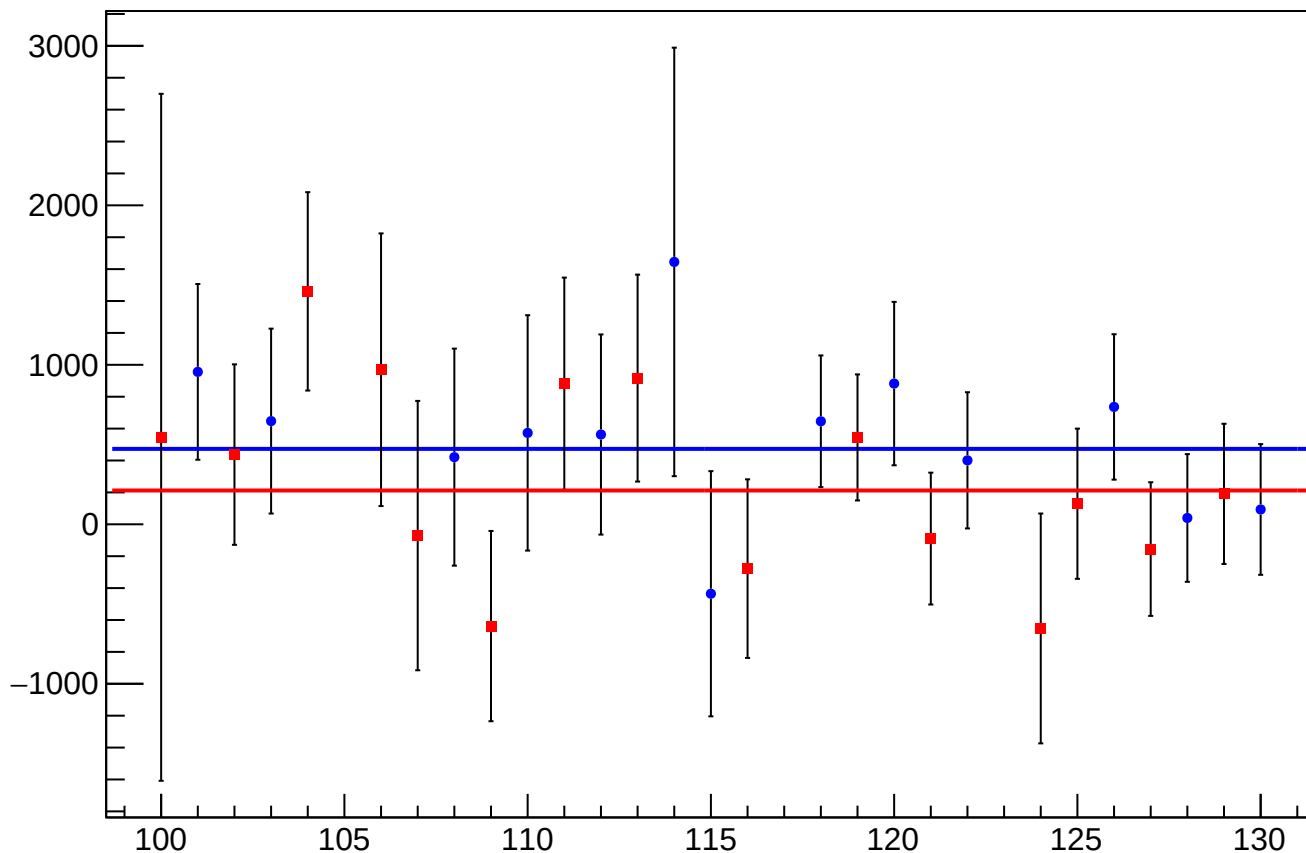
Right: 4369.759+/-0.925 χ^2/NDF : 548855.3/27

In: 4307.720+/-1.314 χ^2/NDF : 280363.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4369.759+/-0.925 χ^2/NDF : 548855.3/27

cor_asym_sam2_mean vs Slug, Sign Corrected



Right In: 472.949 $\pm$ 145.533 χ^2 /NDF: 6.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 211.978 $\pm$ 143.016 χ^2 /NDF: 13.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

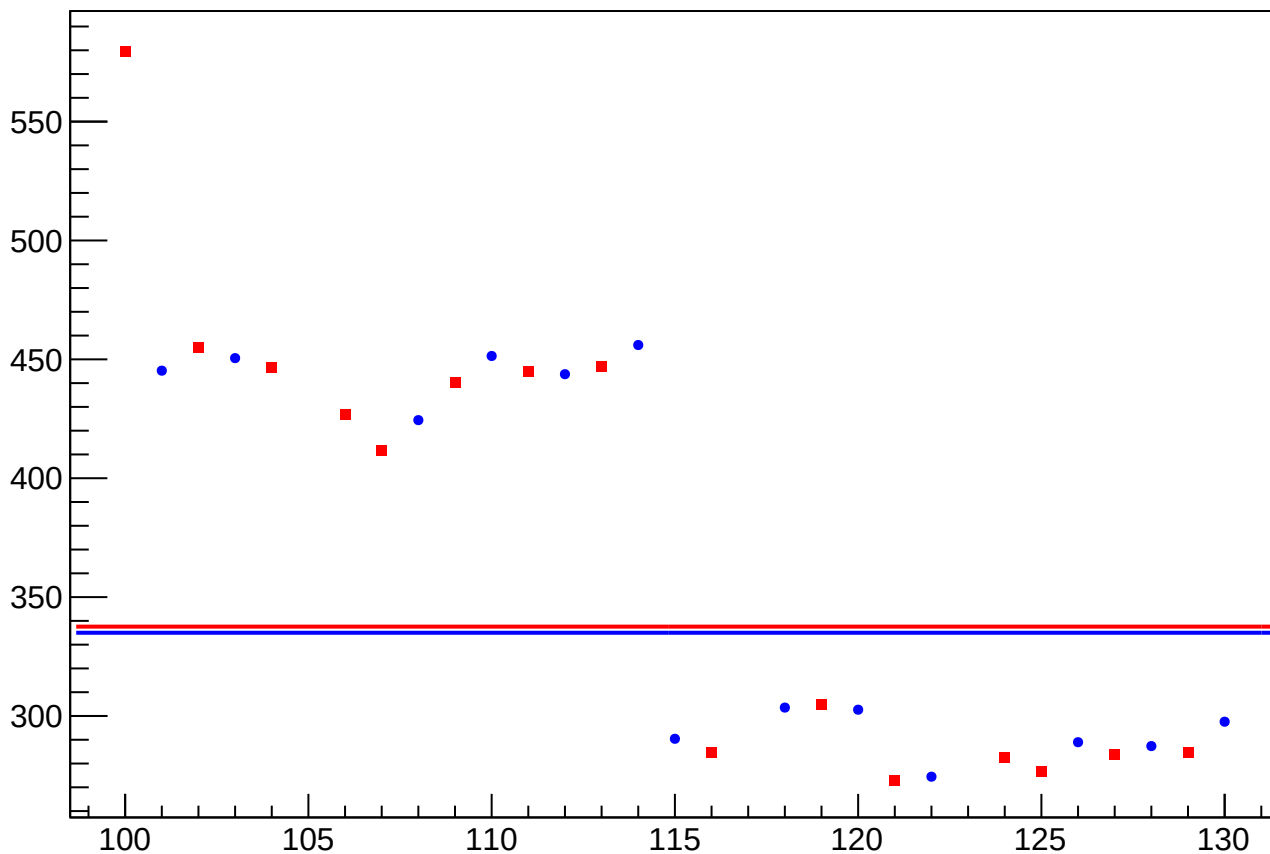
Right: 340.188 $\pm$ 102.006 χ^2 /NDF: 21.5/27

In: 472.949 $\pm$ 145.533 χ^2 /NDF:6.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 340.188 $\pm$ 102.006 χ^2 /NDF: 21.5/27

cor_asym_sam2_rms vs Slug, Sign Corrected



Right In: 335.006+/-0.103 χ^2/NDF : 452036.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 337.583+/-0.101 χ^2/NDF : 566331.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

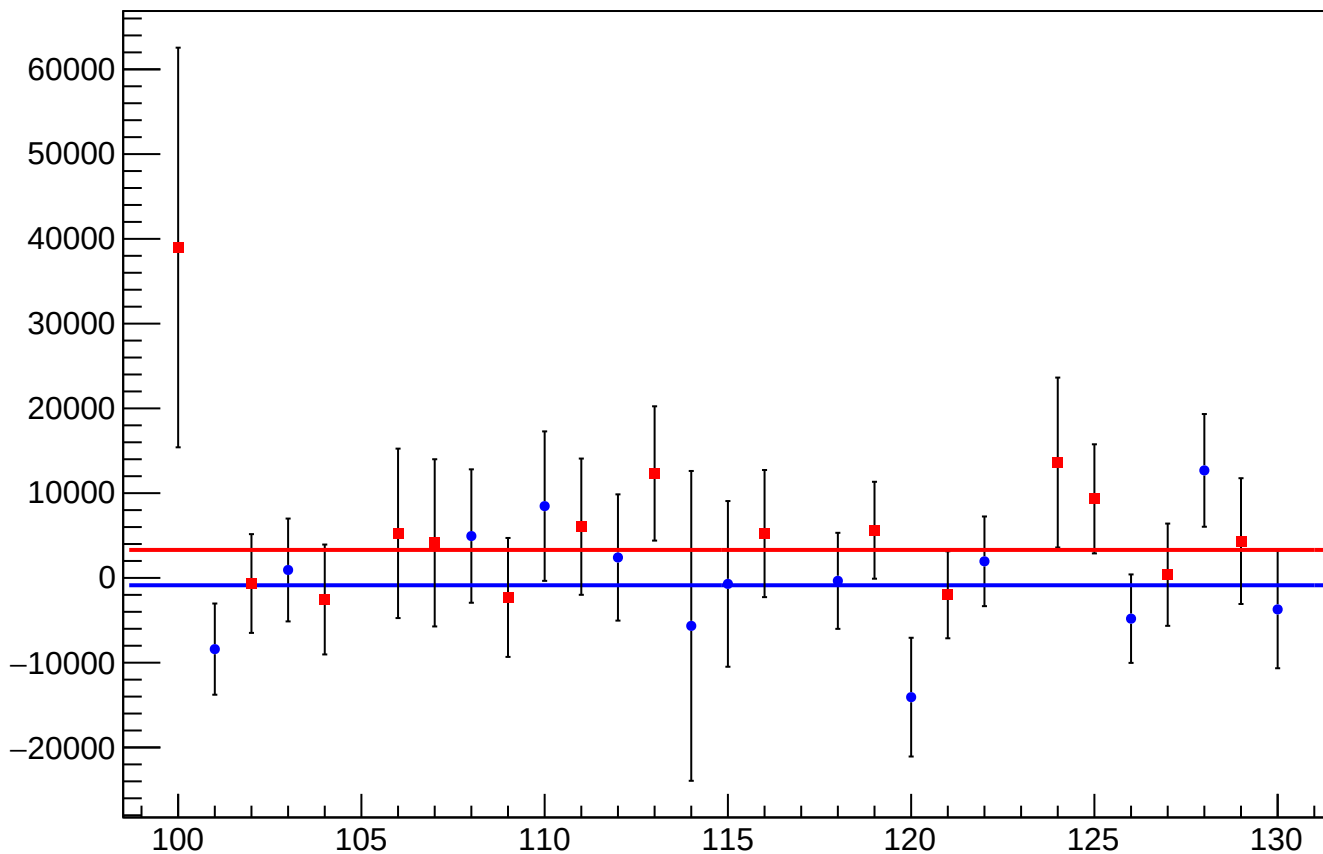
Right: 336.317+/-0.072 χ^2/NDF : 1018686.7/27

In: 335.006+/-0.103 χ^2/NDF : 452036.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 336.317+/-0.072 χ^2/NDF : 1018686.7/27

asym_sam2_cor_correction_mean vs Slug, Sign Corrected



Right In: -866.376+/-1858.347 χ^2/NDF : 12.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3302.082+/-1846.889 χ^2/NDF : 9.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

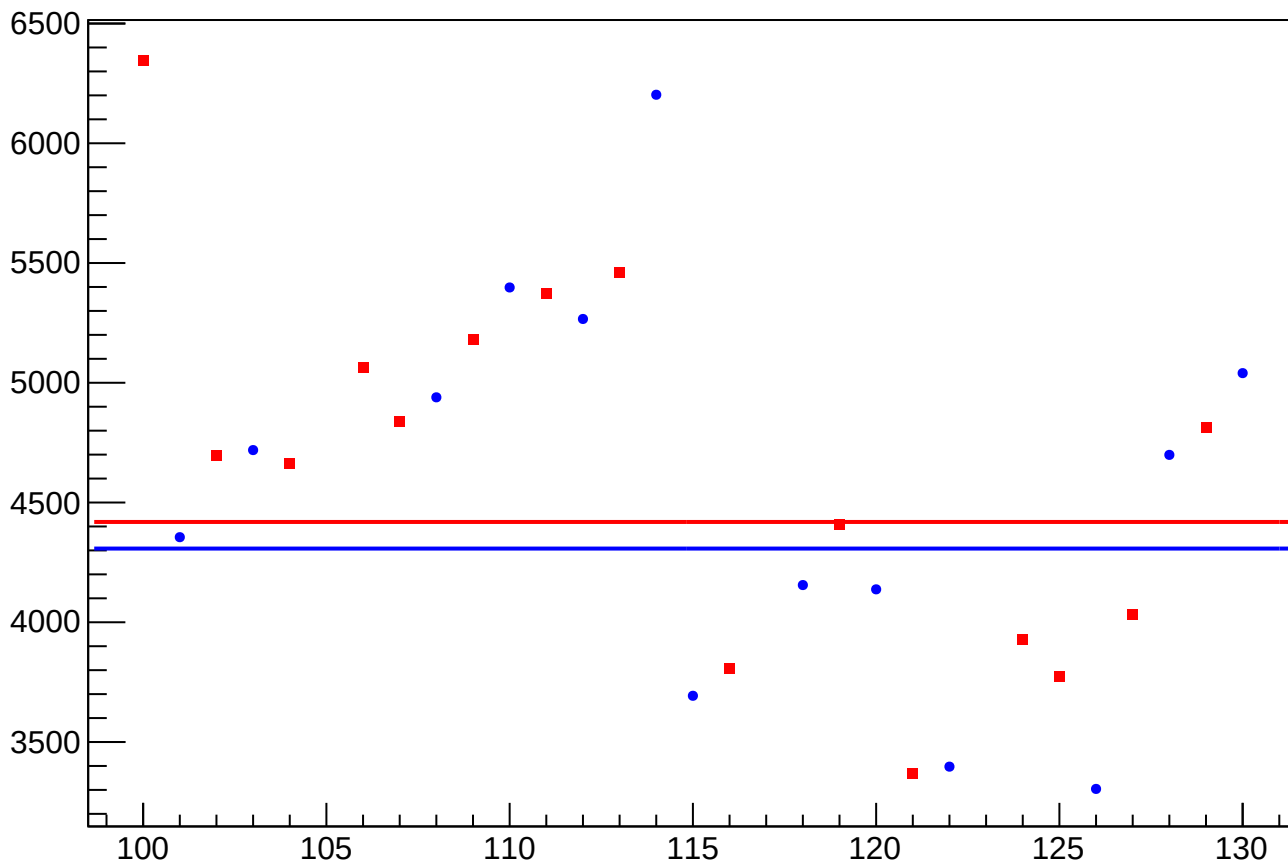
Right: 1230.743+/-1309.980 χ^2/NDF : 24.4/27

In: -866.376+/-1858.347 χ^2/NDF : 12.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1230.743+/-1309.980 χ^2/NDF : 24.4/27

asym_sam2_cor_correction_rms vs Slug, Sign Corrected



Right In: 4307.733+/-1.314 χ^2/NDF : 280371.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4418.824+/-1.306 χ^2/NDF : 254666.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

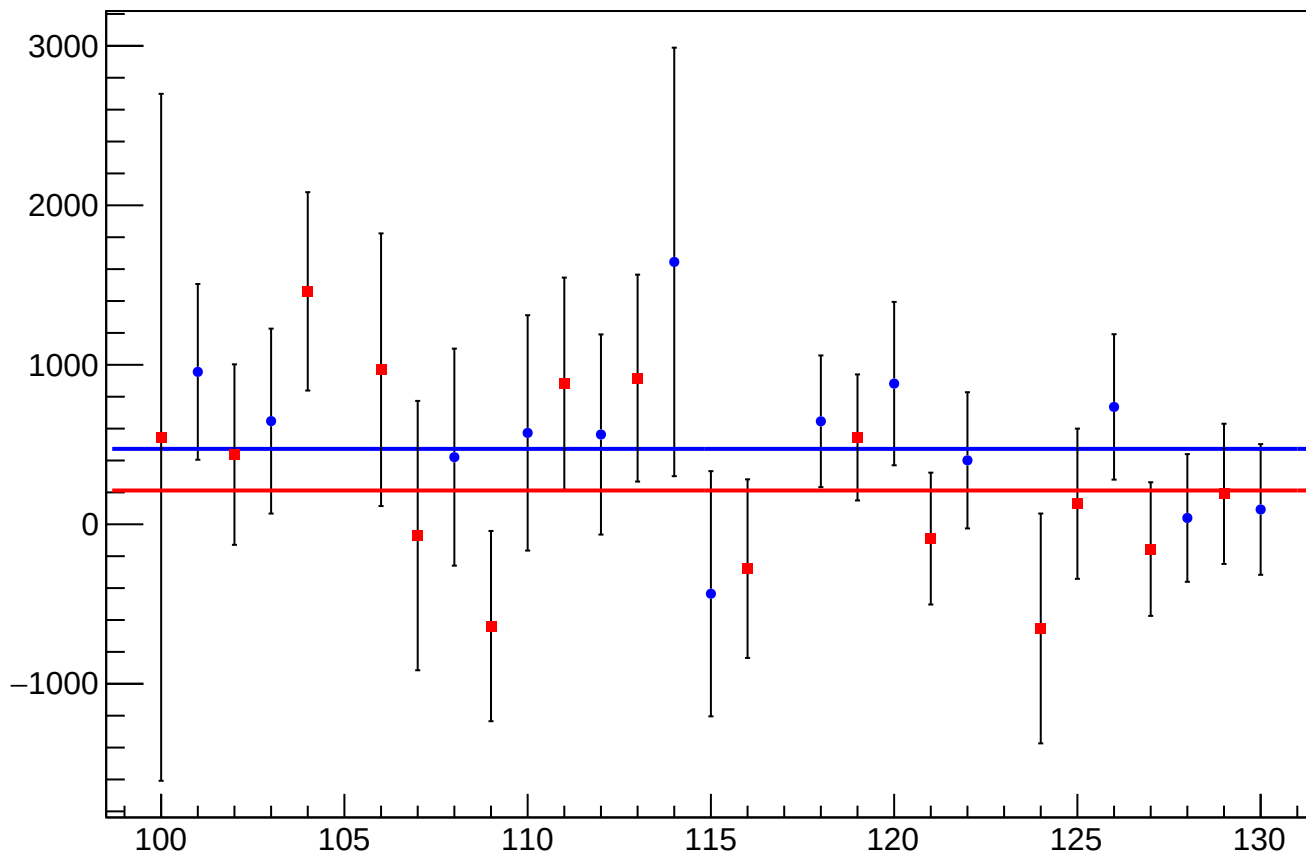
Right: 4363.622+/-0.926 χ^2/NDF : 538633.5/27

In: 4307.733+/-1.314 χ^2/NDF : 280371.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4363.622+/-0.926 χ^2/NDF : 538633.5/27

eigen_cor_asym_sam2_mean vs Slug, Sign Corrected



Right In: 472.949+/-145.533 χ^2/NDF : 6.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 211.978+/-143.016 χ^2/NDF : 13.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

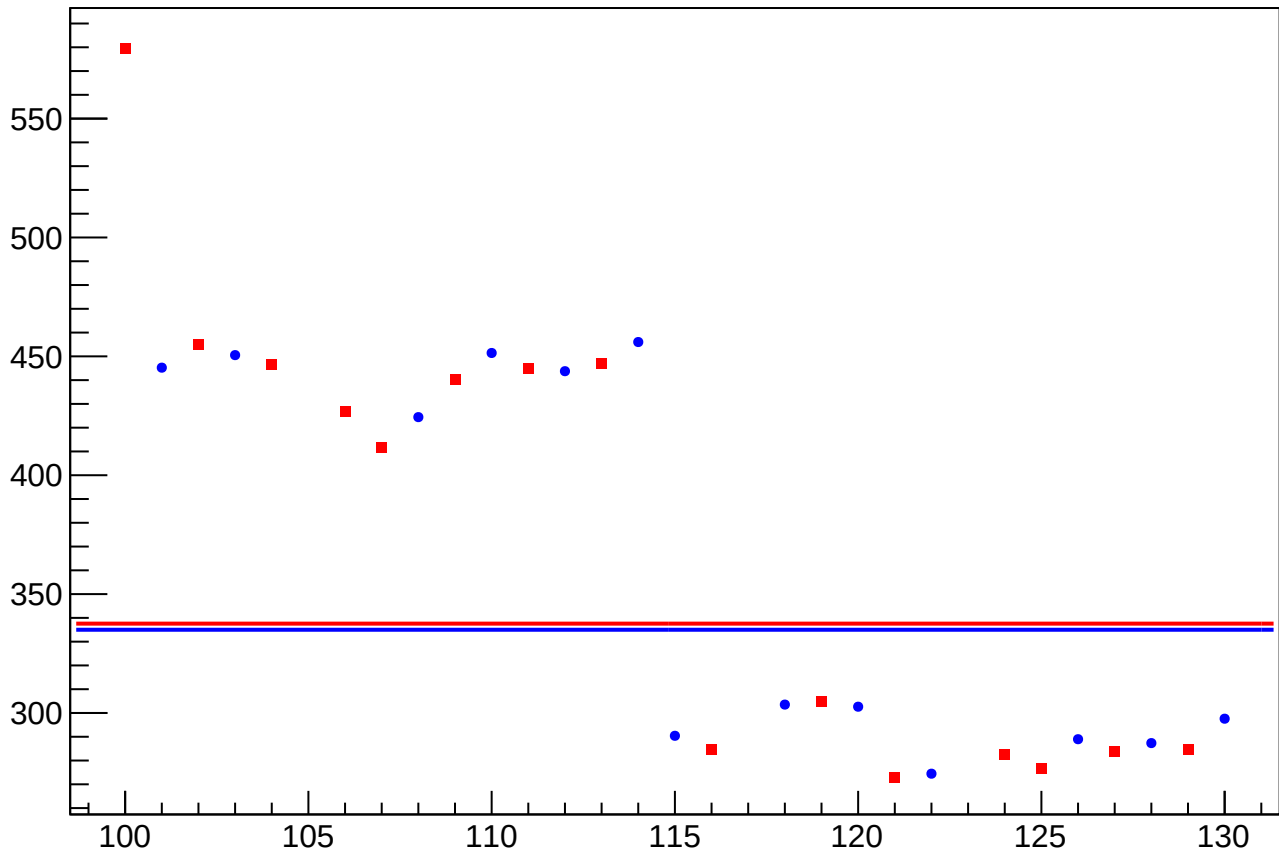
Right: 340.188+/-102.006 χ^2/NDF : 21.5/27

In: 472.949+/-145.533 χ^2/NDF : 6.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 340.188+/-102.006 χ^2/NDF : 21.5/27

eigen_cor_asym_sam2_rms vs Slug, Sign Corrected



Right In: 335.006+/-0.103 χ^2/NDF : 452036.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 337.583+/-0.101 χ^2/NDF : 566331.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

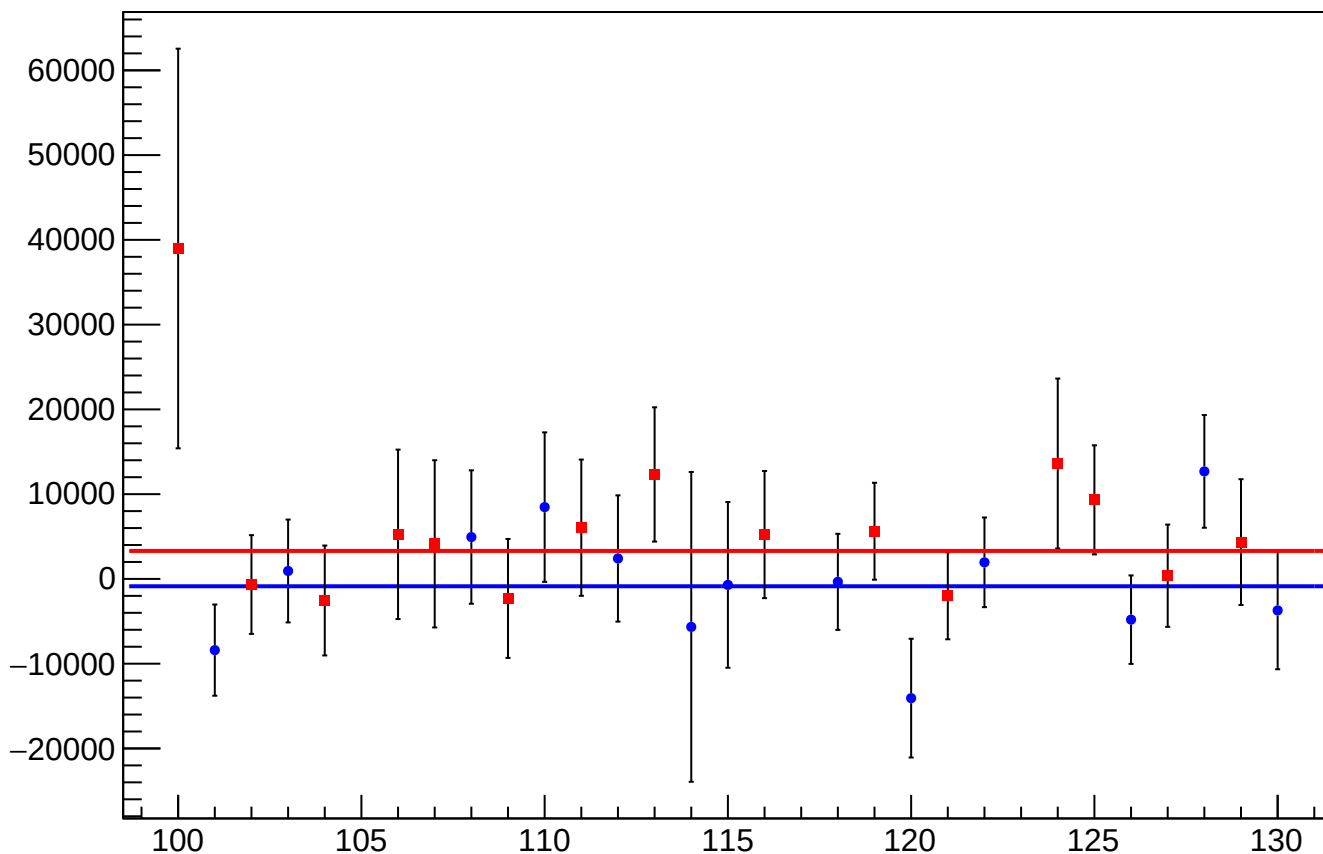
Right: 336.317+/-0.072 χ^2/NDF : 1018686.7/27

In: 335.006+/-0.103 χ^2/NDF : 452036.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 336.317+/-0.072 χ^2/NDF : 1018686.7/27

asym_sam2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -866.376+/-1858.347 χ^2/NDF : 12.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3302.082+/-1846.889 χ^2/NDF : 9.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

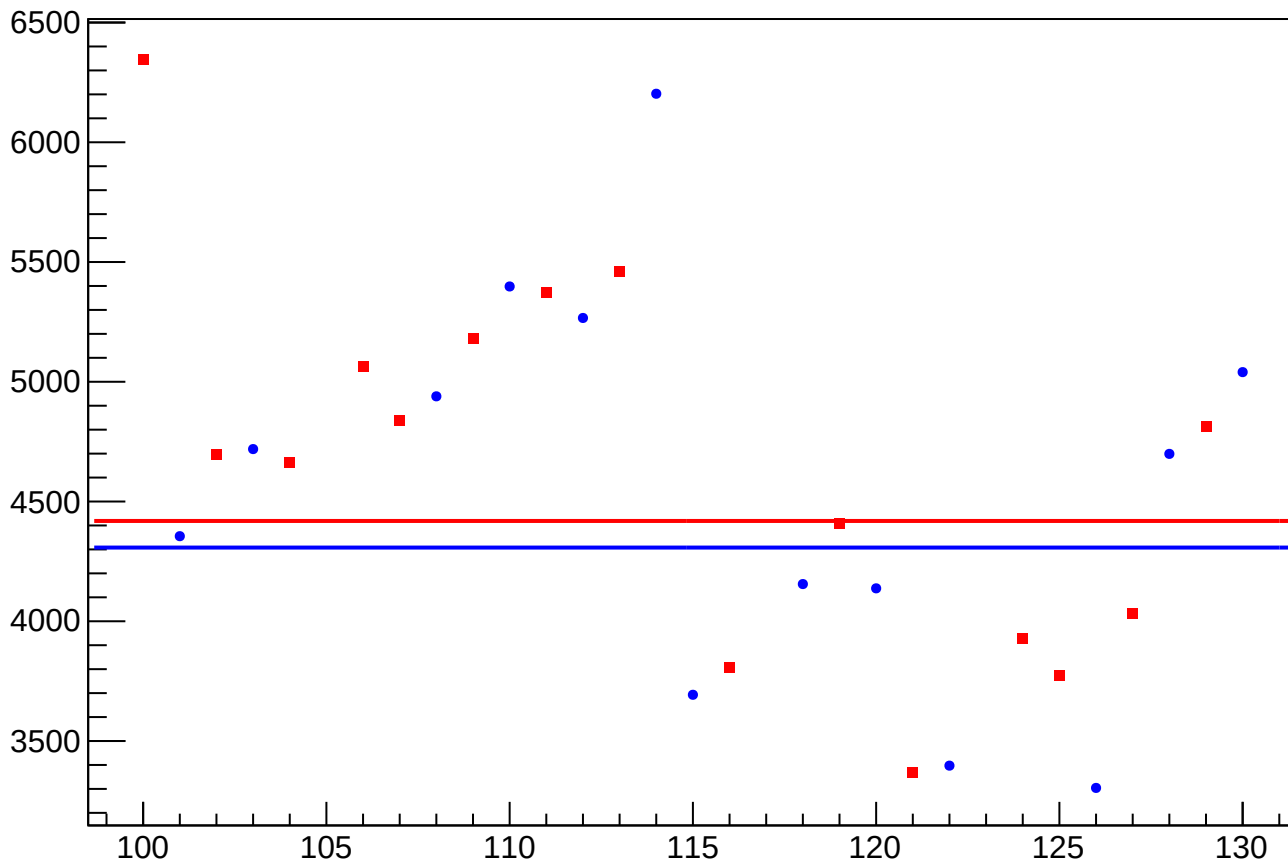
Right: 1230.743+/-1309.980 χ^2/NDF : 24.4/27

In: -866.376+/-1858.347 χ^2/NDF :12.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1230.743+/-1309.980 χ^2/NDF : 24.4/27

asym_sam2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4307.733+/-1.314 χ^2/NDF : 280371.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4418.824+/-1.306 χ^2/NDF : 254666.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

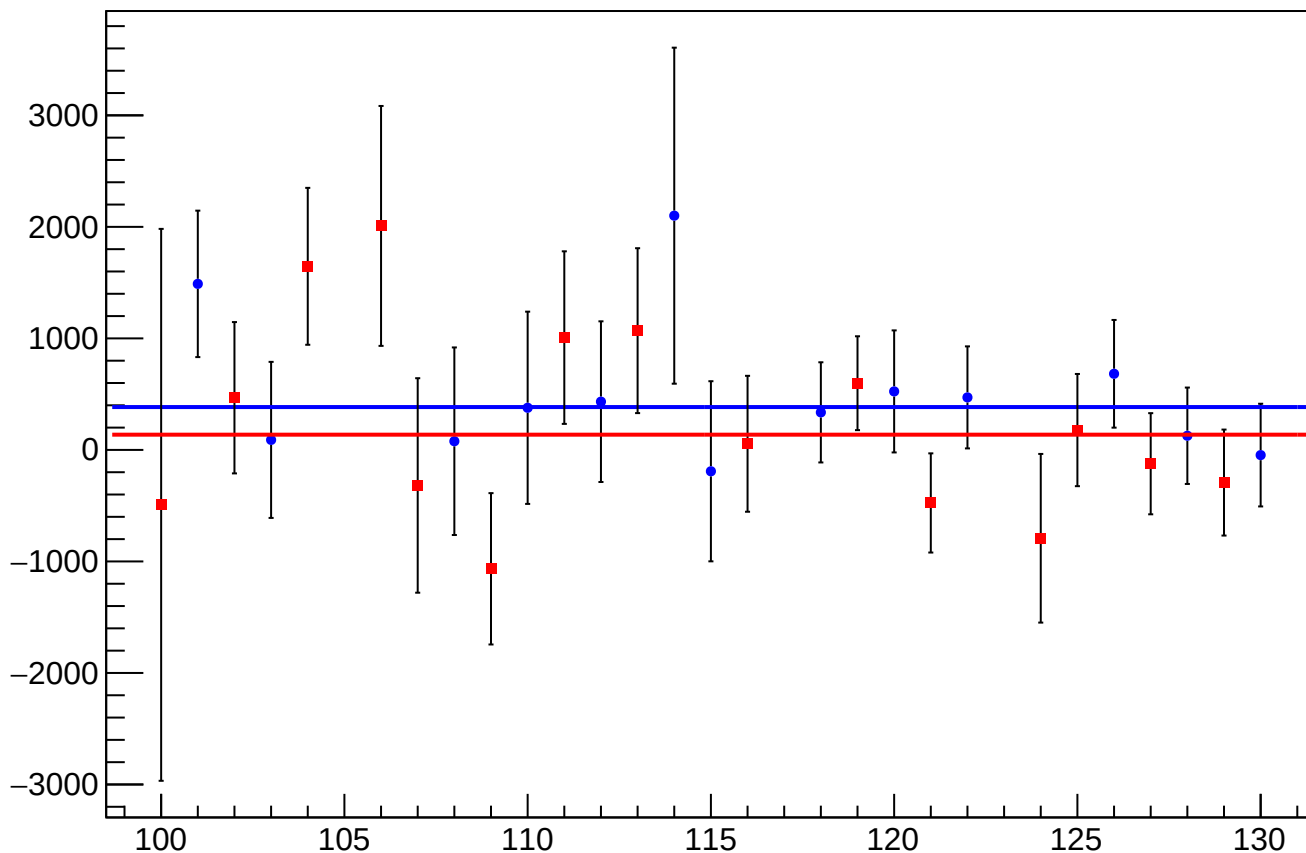
Right: 4363.622+/-0.926 χ^2/NDF : 538633.5/27

In: 4307.733+/-1.314 χ^2/NDF : 280371.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4363.622+/-0.926 χ^2/NDF : 538633.5/27

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 384.301+/-161.248 χ^2/NDF : 6.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.632+/-157.401 χ^2/NDF : 19.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

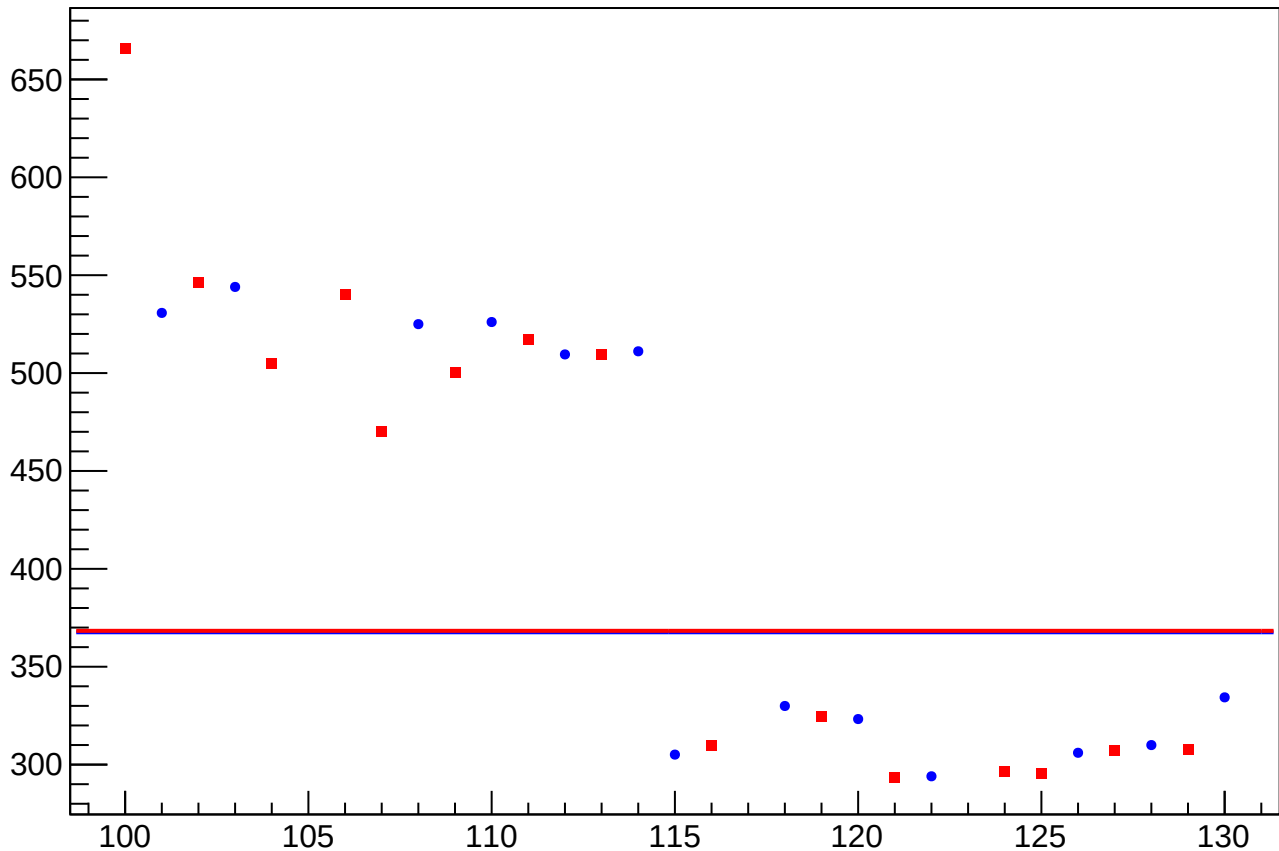
Right: 257.477+/-112.635 χ^2/NDF : 27.8/27

In: 384.301+/-161.248 χ^2/NDF : 6.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 257.477+/-112.635 χ^2/NDF : 27.8/27

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 367.599+/-0.114 χ^2/NDF : 653417.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 368.338+/-0.111 χ^2/NDF : 763862.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

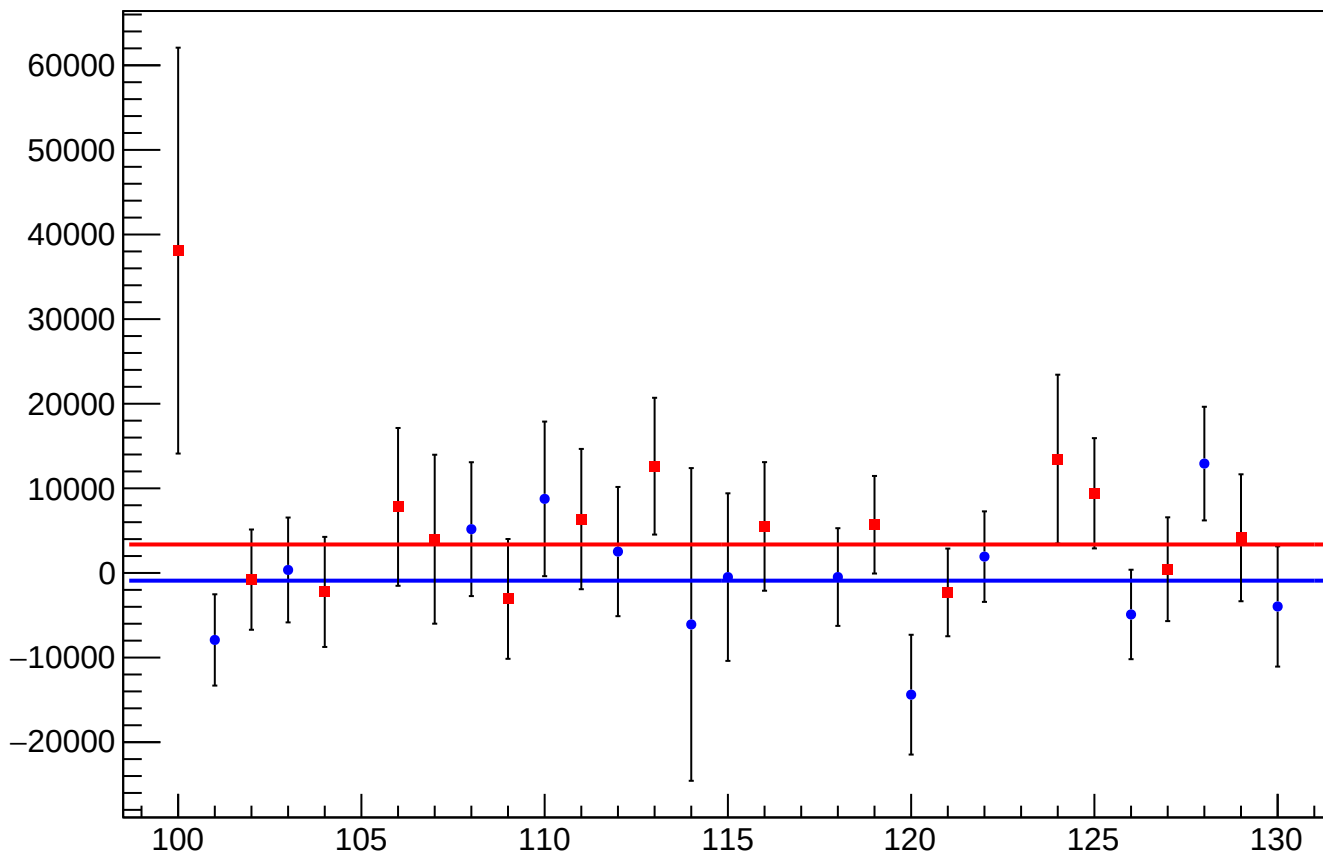
Right: 367.978+/-0.080 χ^2/NDF : 1417301.2/27

In: 367.599+/-0.114 χ^2/NDF : 653417.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 367.978+/-0.080 χ^2/NDF : 1417301.2/27

asym_sam2_dit_correction_mean vs Slug, Sign Corrected



Right In: -910.421+/-1885.499 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3366.529+/-1864.097 χ^2/NDF : 9.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

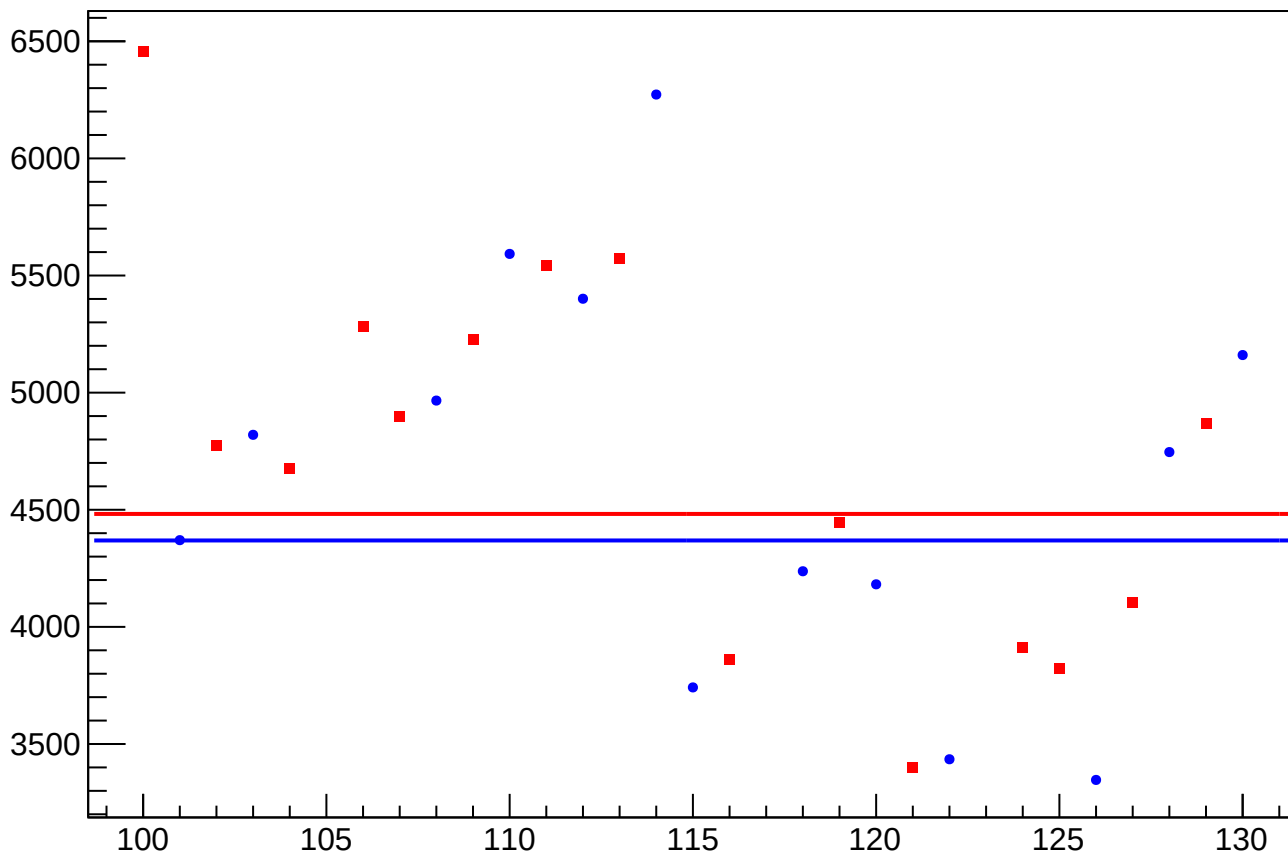
Right: 1252.466+/-1325.618 χ^2/NDF : 24.6/27

In: -910.421+/-1885.499 χ^2/NDF :12.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1252.466+/-1325.618 χ^2/NDF : 24.6/27

asym_sam2_dit_correction_rms vs Slug, Sign Corrected



Right In: 4368.946+/-1.333 χ^2/NDF : 292970.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4482.198+/-1.318 χ^2/NDF : 270517.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

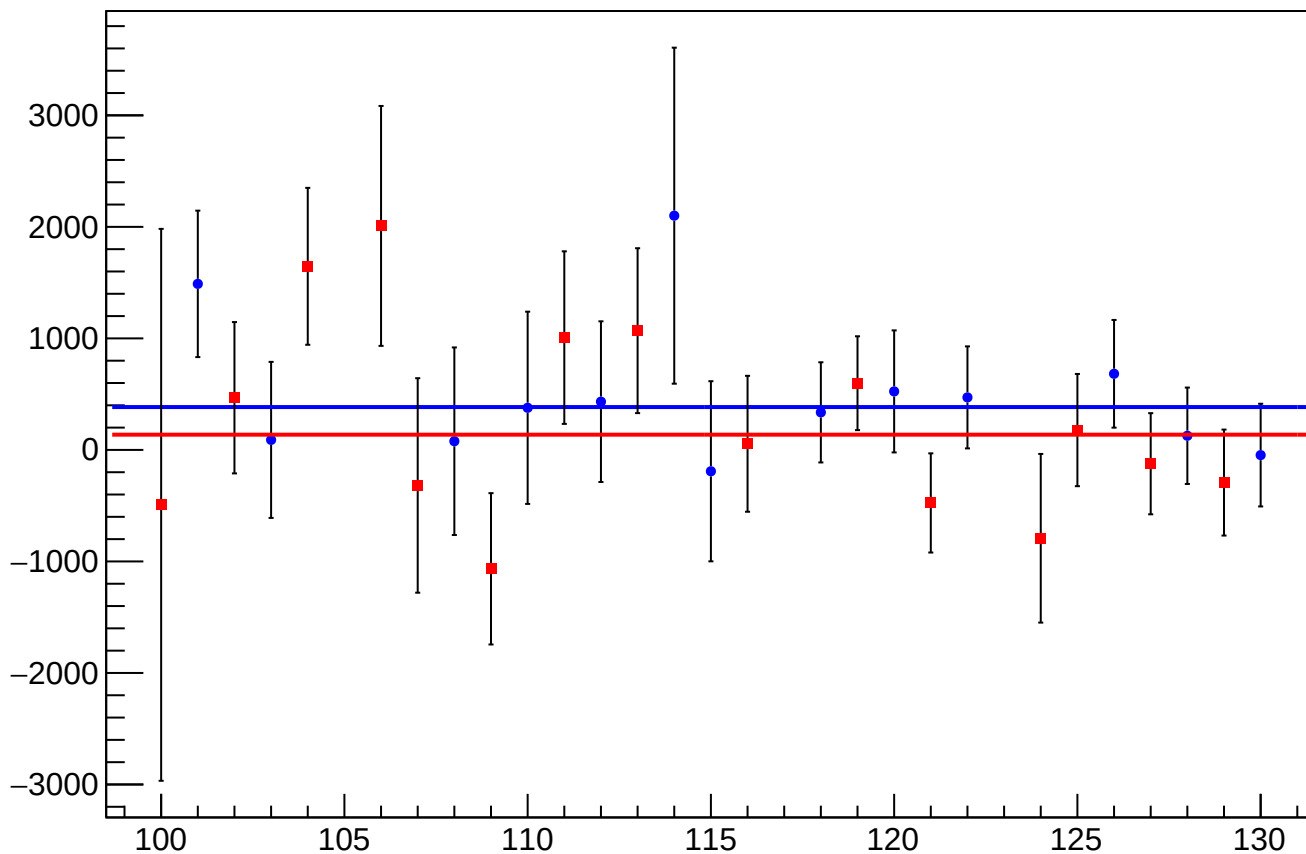
Right: 4426.218+/-0.937 χ^2/NDF : 567136.0/27

In: 4368.946+/-1.333 χ^2/NDF : 292970.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4426.218+/-0.937 χ^2/NDF : 567136.0/27

eigen_dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 384.295+/-161.247 χ^2/NDF : 6.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.627+/-157.400 χ^2/NDF : 19.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

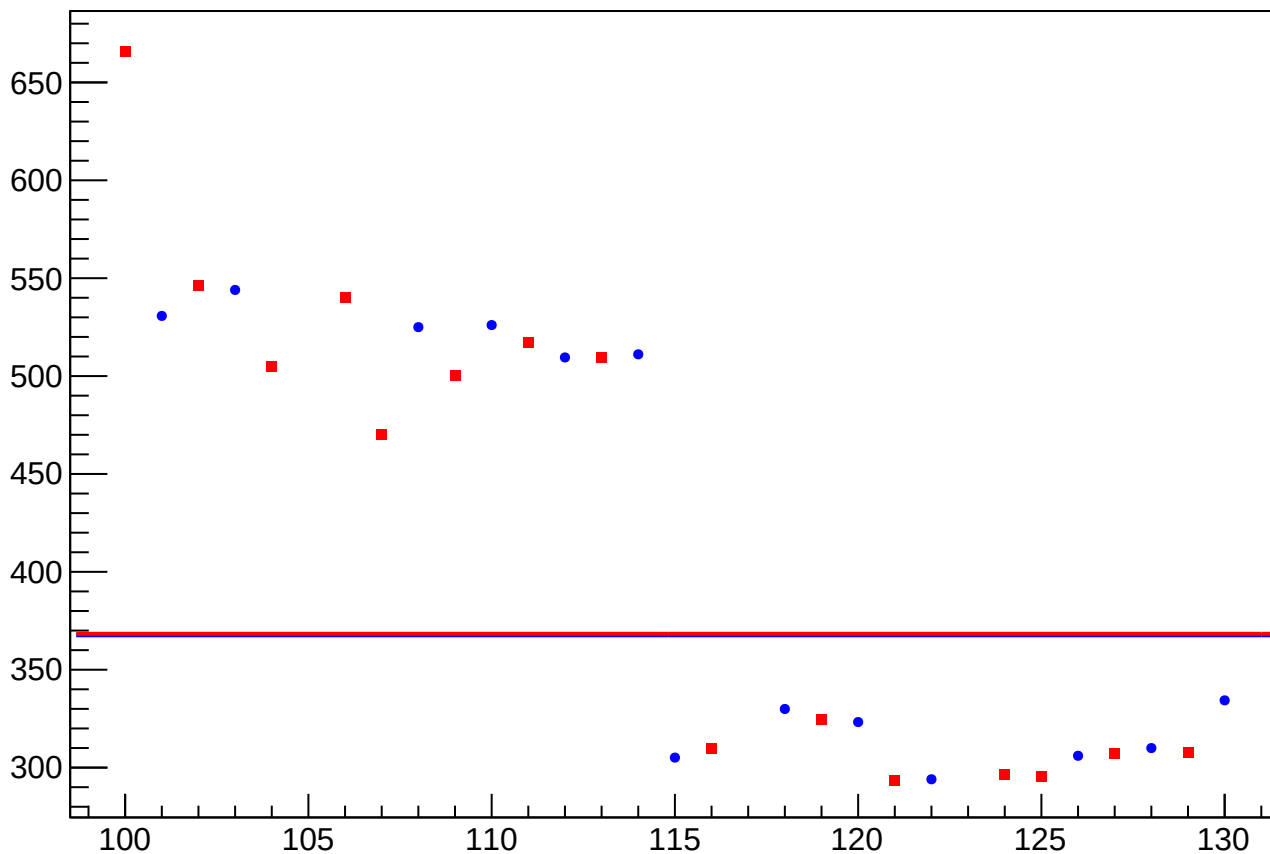
Right: 257.472+/-112.634 χ^2/NDF : 27.8/27

In: 384.295+/-161.247 χ^2/NDF : 6.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 257.472+/-112.634 χ^2/NDF : 27.8/27

eigen_dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 367.596+/-0.114 χ^2/NDF : 653414.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 368.337+/-0.111 χ^2/NDF : 763851.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

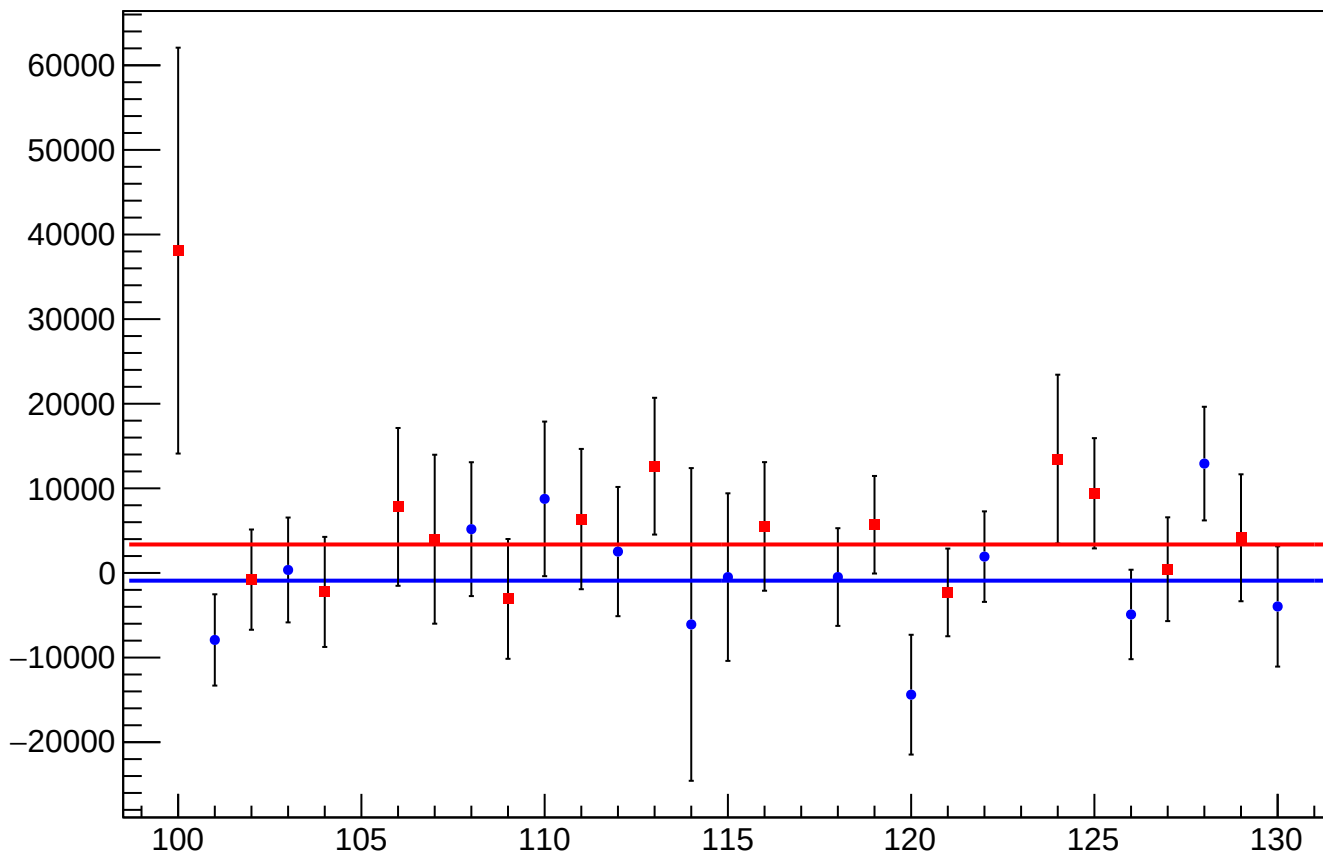
Right: 367.976+/-0.080 χ^2/NDF : 1417286.7/27

In: 367.596+/-0.114 χ^2/NDF : 653414.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 367.976+/-0.080 χ^2/NDF : 1417286.7/27

asym_sam2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -910.416+/-1885.495 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3366.521+/-1864.093 χ^2/NDF : 9.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

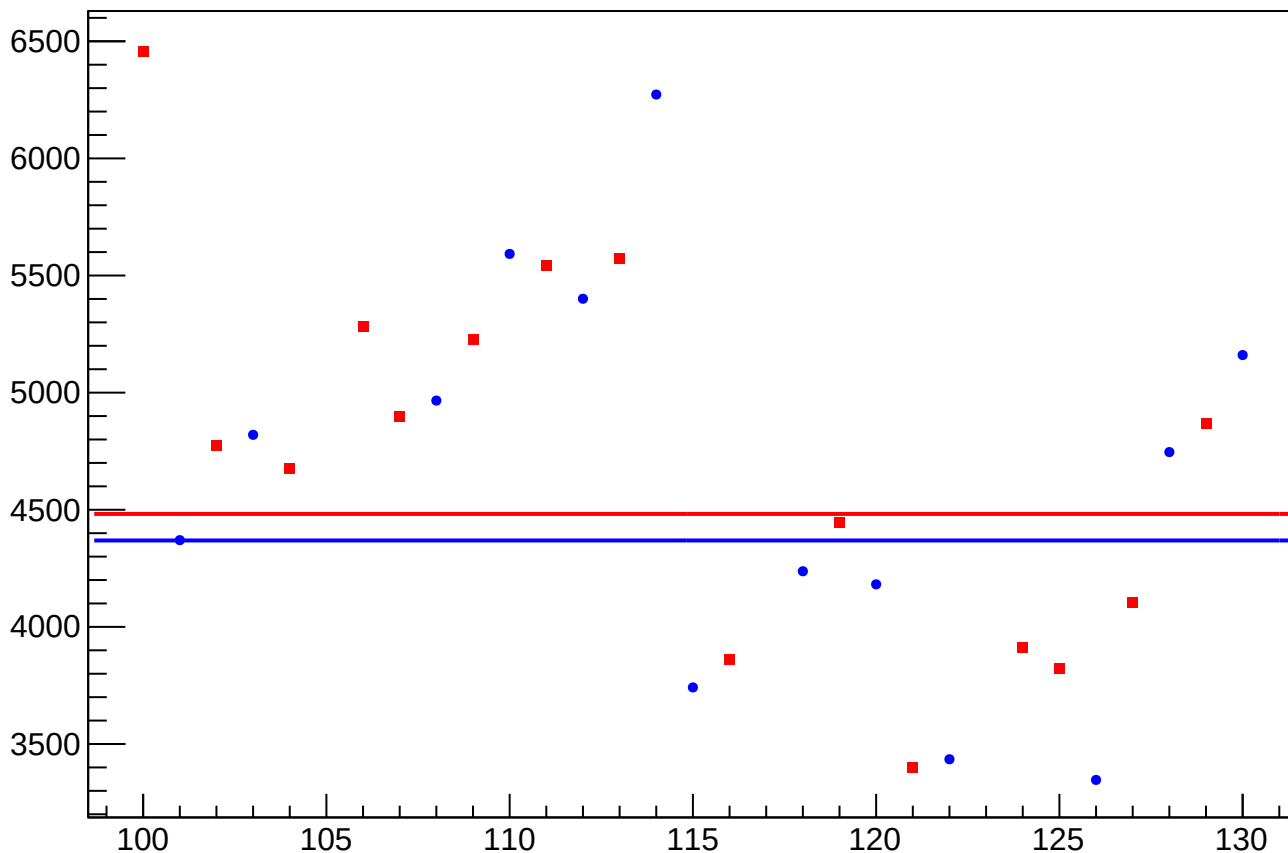
Right: 1252.464+/-1325.615 χ^2/NDF : 24.6/27

In: -910.416+/-1885.495 χ^2/NDF :12.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1252.464+/-1325.615 χ^2/NDF : 24.6/27

asym_sam2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4368.938+/-1.333 χ^2/NDF : 292962.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4482.189+/-1.318 χ^2/NDF : 270512.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

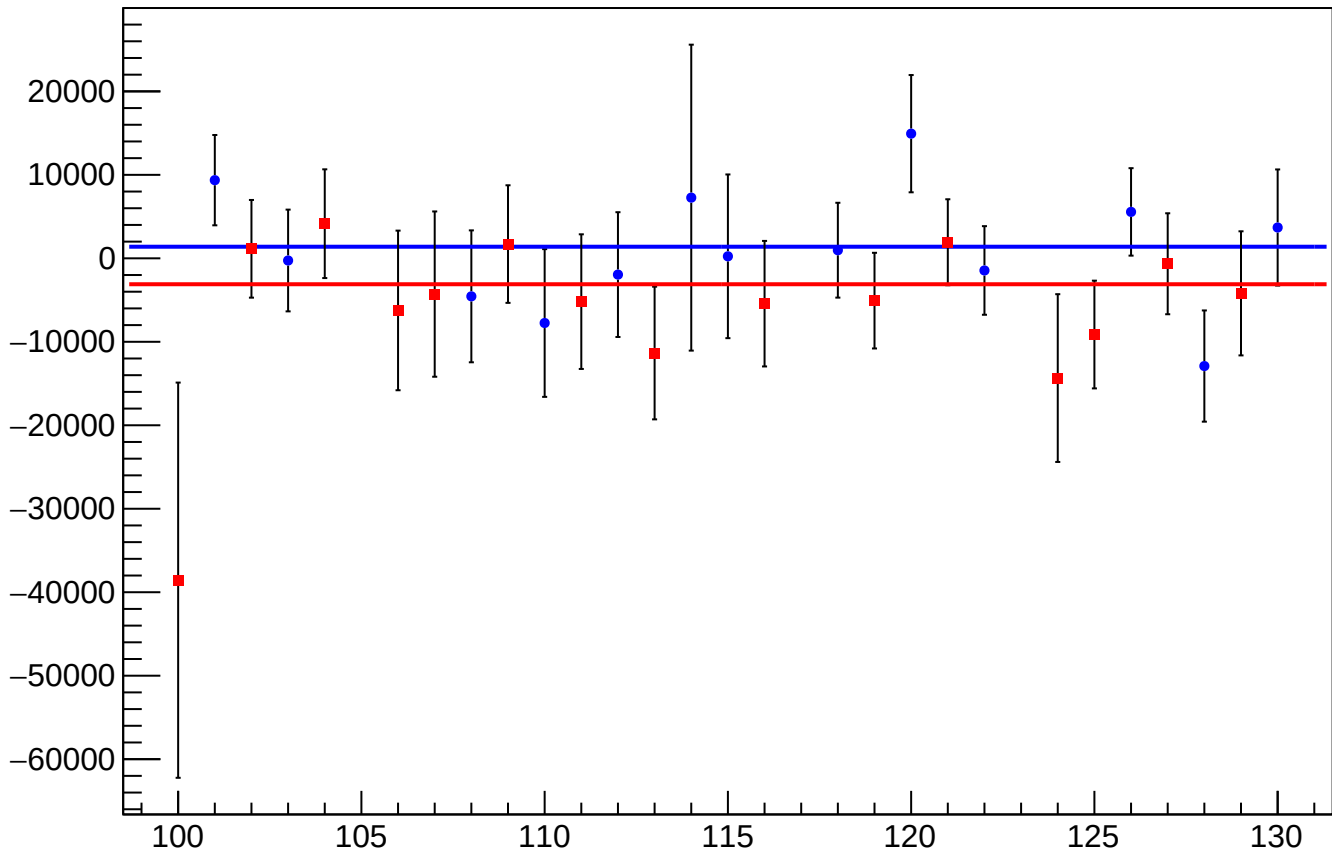
Right: 4426.210+/-0.937 χ^2/NDF : 567124.1/27

In: 4368.938+/-1.333 χ^2/NDF : 292962.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4426.210+/-0.937 χ^2/NDF : 567124.1/27

asym_sam2_mean vs Slug, Sign Corrected



Right In: 1390.119+/-1864.859 χ^2/NDF : 13.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3104.713+/-1849.723 χ^2/NDF : 9.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

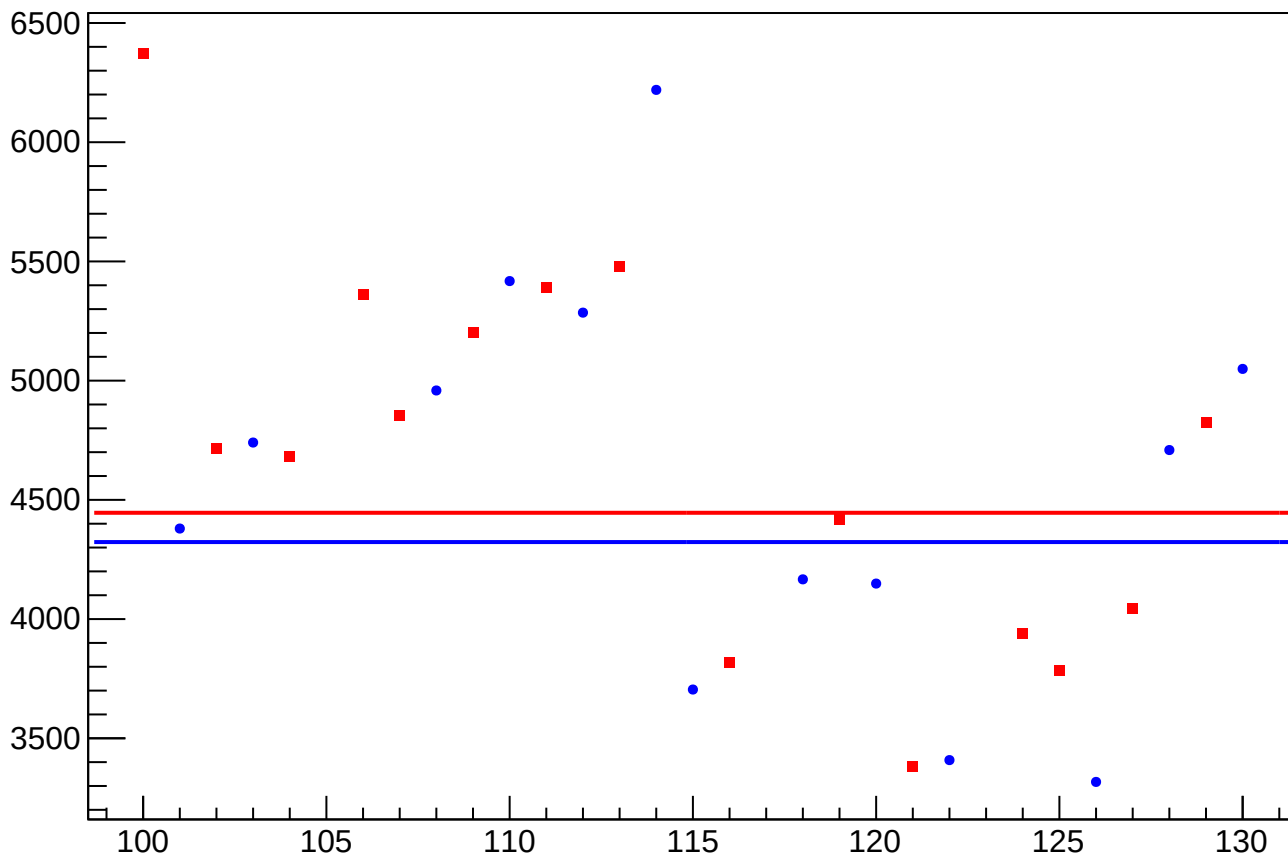
Right: -875.612+/-1313.270 χ^2/NDF : 25.7/27

In: 1390.119+/-1864.859 χ^2/NDF : 13.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -875.612+/-1313.270 χ^2/NDF : 25.7/27

asym_sam2_rms vs Slug, Sign Corrected



Right In: 4323.005+/-1.319 χ^2/NDF : 280039.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4445.831+/-1.308 χ^2/NDF : 265790.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

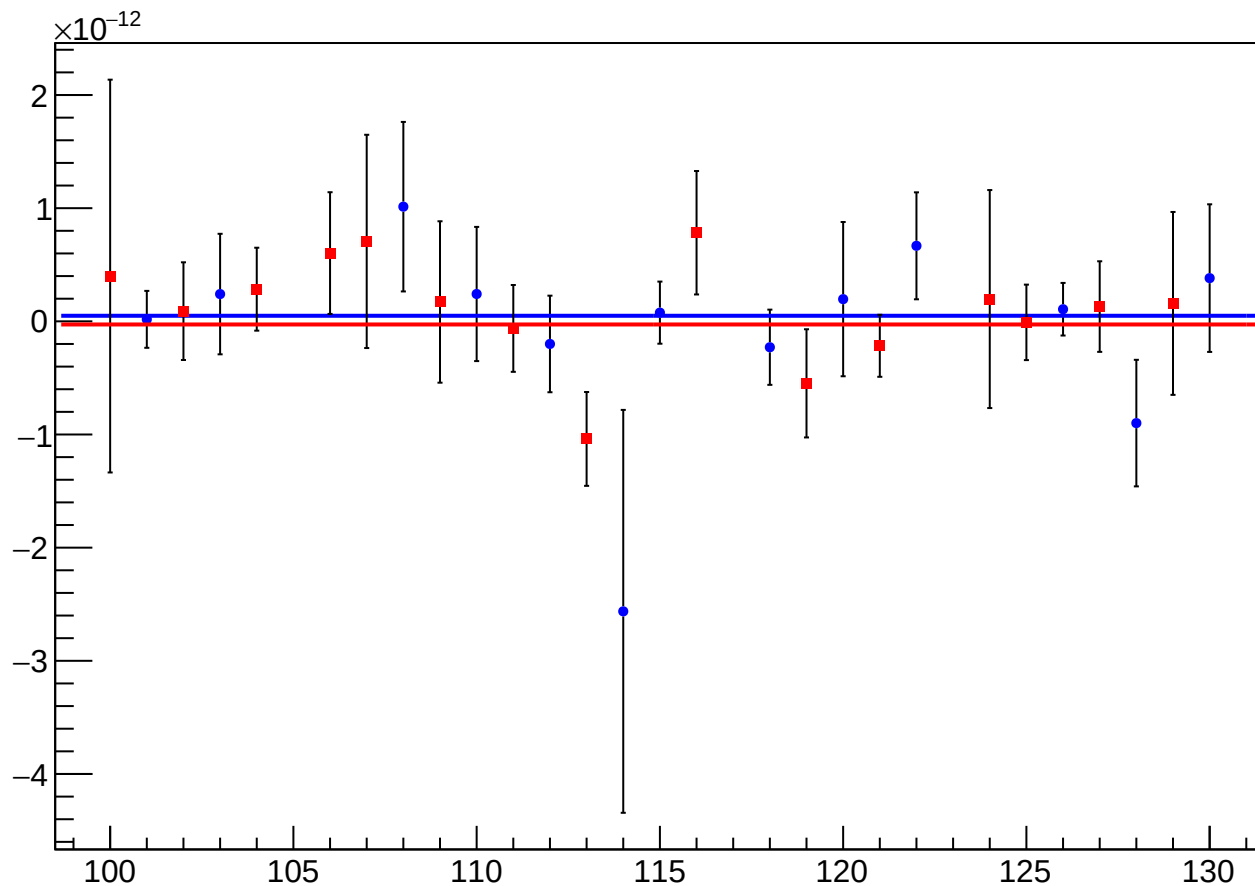
Right: 4384.919+/-0.929 χ^2/NDF : 550202.9/27

In: 4323.005+/-1.319 χ^2/NDF : 280039.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4384.919+/-0.929 χ^2/NDF : 550202.9/27

asym_sam2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

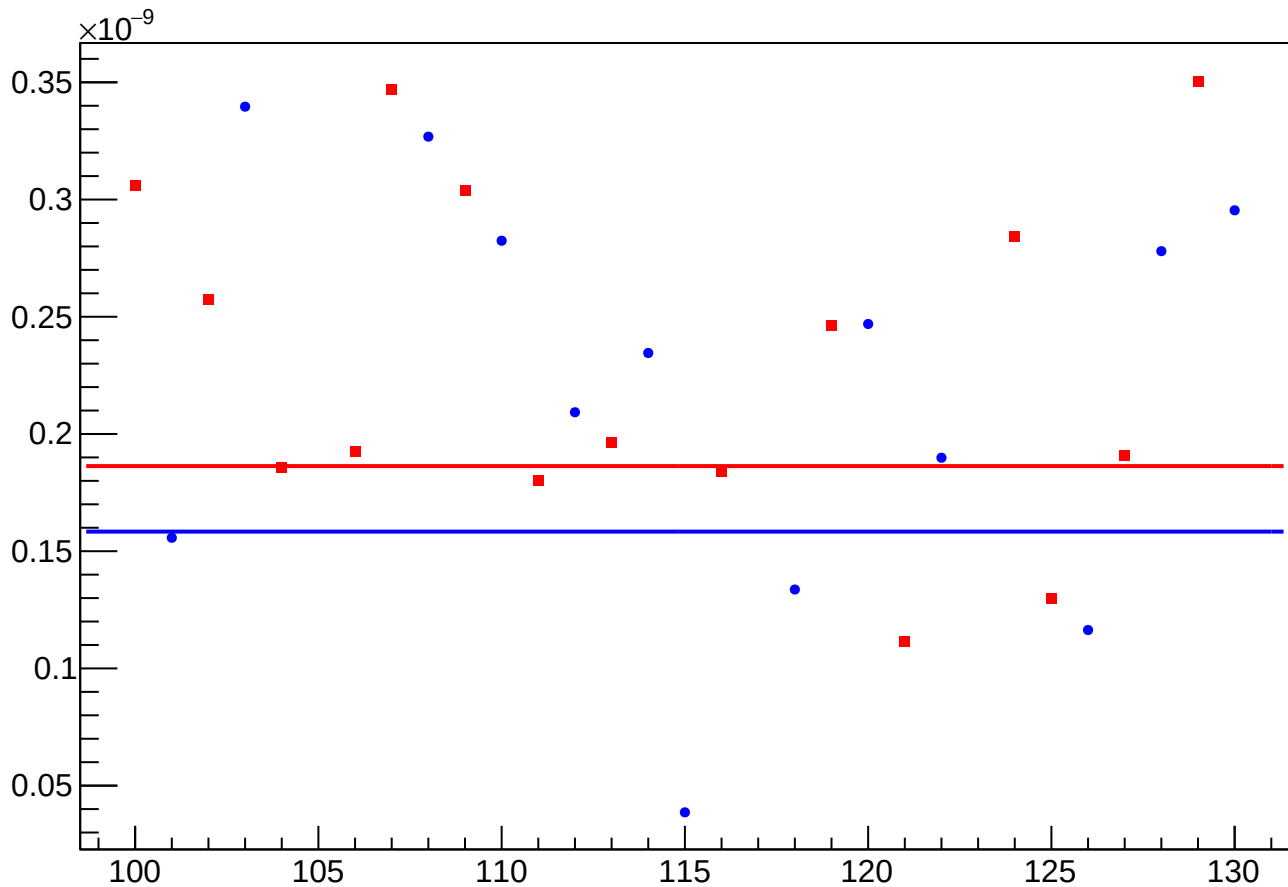
Right: 0.000+/-0.000 χ^2/NDF : 23.3/27

In: 0.000+/-0.000 χ^2/NDF : 10.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.3/27

asym_sam2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1132491.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 519469.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

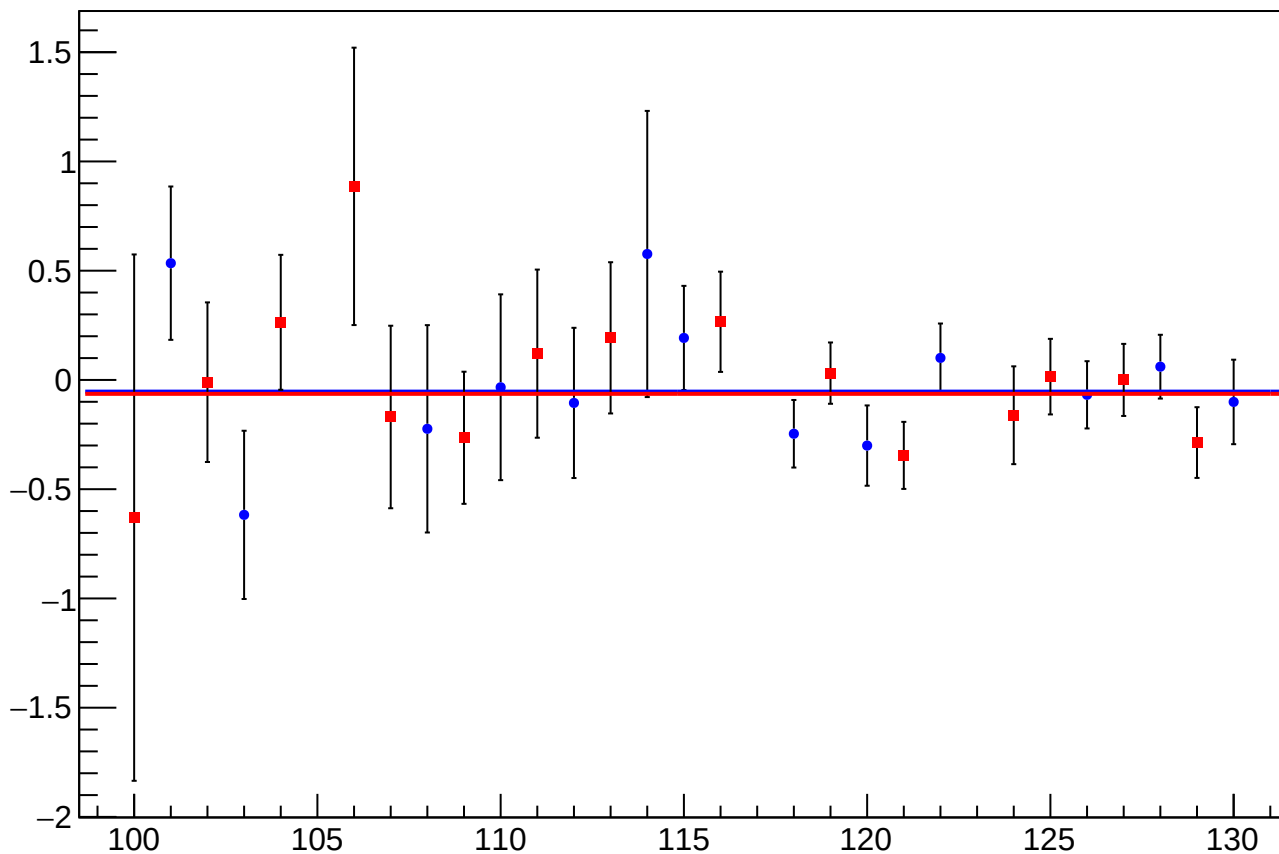
Right: 0.000+/-0.000 χ^2/NDF : 1711771.0/27

In: 0.000+/-0.000 χ^2/NDF : 1132491.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1711771.0/27

asym_sam2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.053+/-0.060 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.064+/-0.058 χ^2/NDF : 13.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

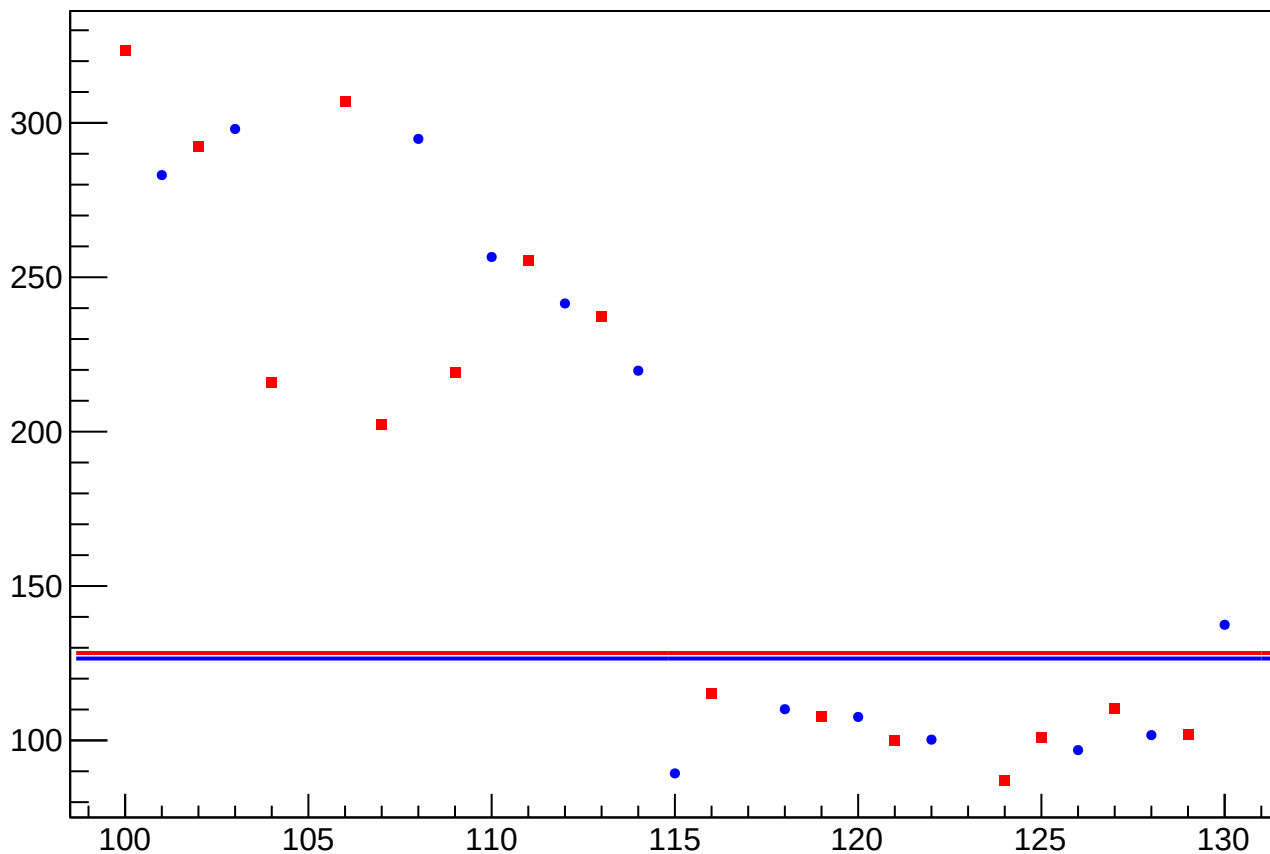
Right: -0.059+/-0.042 χ^2/NDF : 25.3/27

In: -0.053+/-0.060 χ^2/NDF : 12.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.059+/-0.042 χ^2/NDF : 25.3/27

asym_sam2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 126.517+/-0.042 χ^2/NDF : 1784839.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.311+/-0.041 χ^2/NDF : 1749021.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

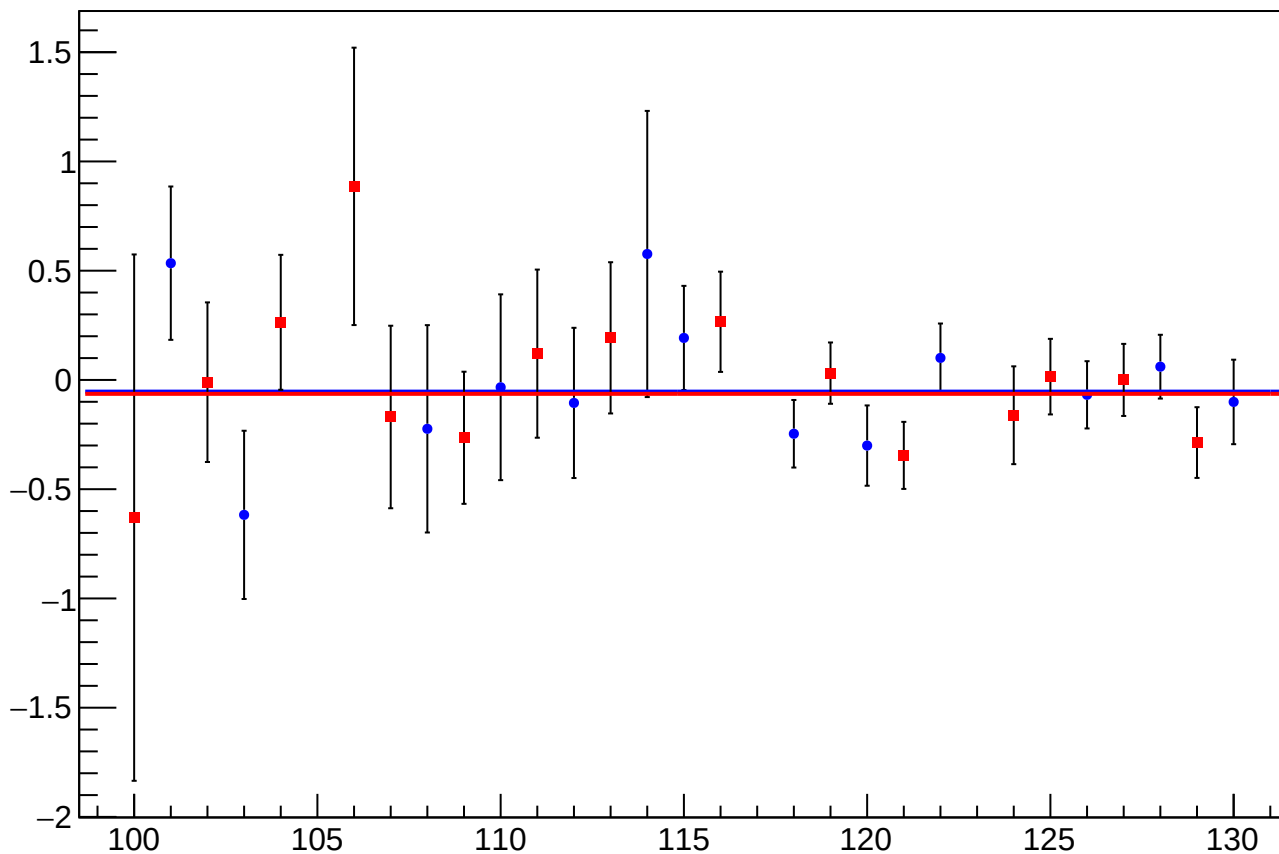
Right: 127.433+/-0.030 χ^2/NDF : 3534785.3/27

In: 126.517+/-0.042 χ^2/NDF : 1784839.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.433+/-0.030 χ^2/NDF : 3534785.3/27

asym_sam2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.053+/-0.060 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.064+/-0.058 χ^2/NDF : 13.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

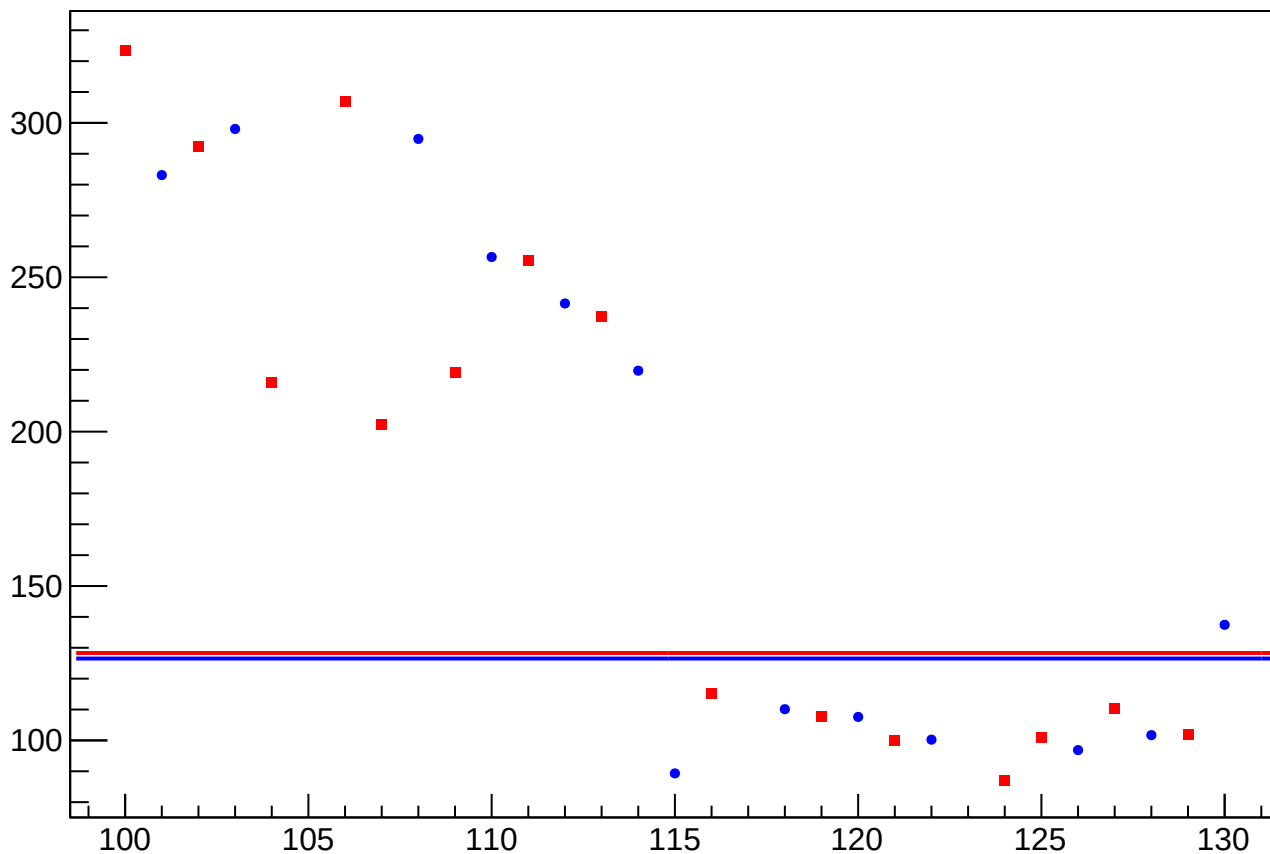
Right: -0.059+/-0.042 χ^2/NDF : 25.3/27

In: -0.053+/-0.060 χ^2/NDF : 12.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.059+/-0.042 χ^2/NDF : 25.3/27

asym_sam2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 126.517+/-0.042 χ^2/NDF : 1784839.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.311+/-0.041 χ^2/NDF : 1749021.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

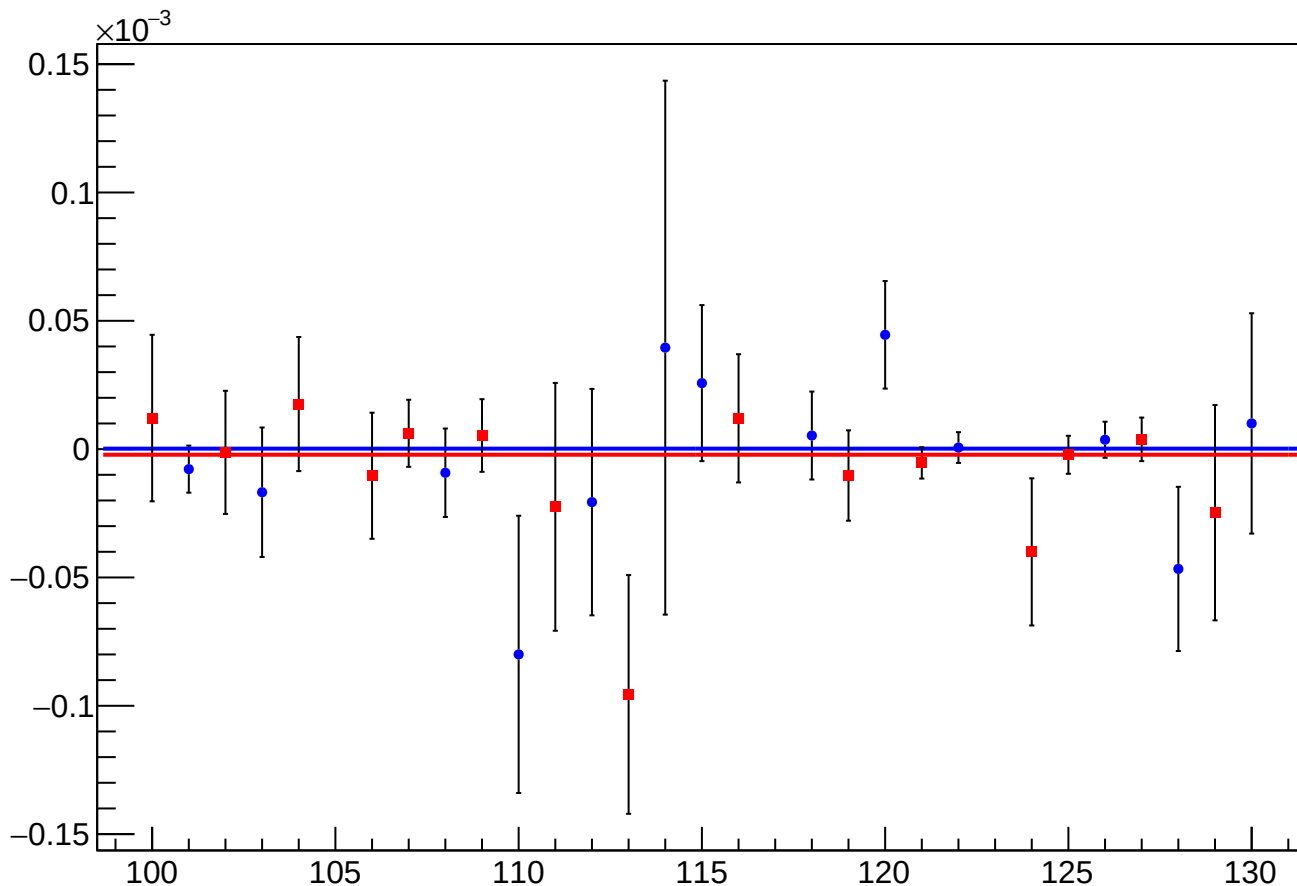
Right: 127.433+/-0.030 χ^2/NDF : 3534785.3/27

In: 126.517+/-0.042 χ^2/NDF : 1784839.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.433+/-0.030 χ^2/NDF : 3534785.3/27

asym_sam2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

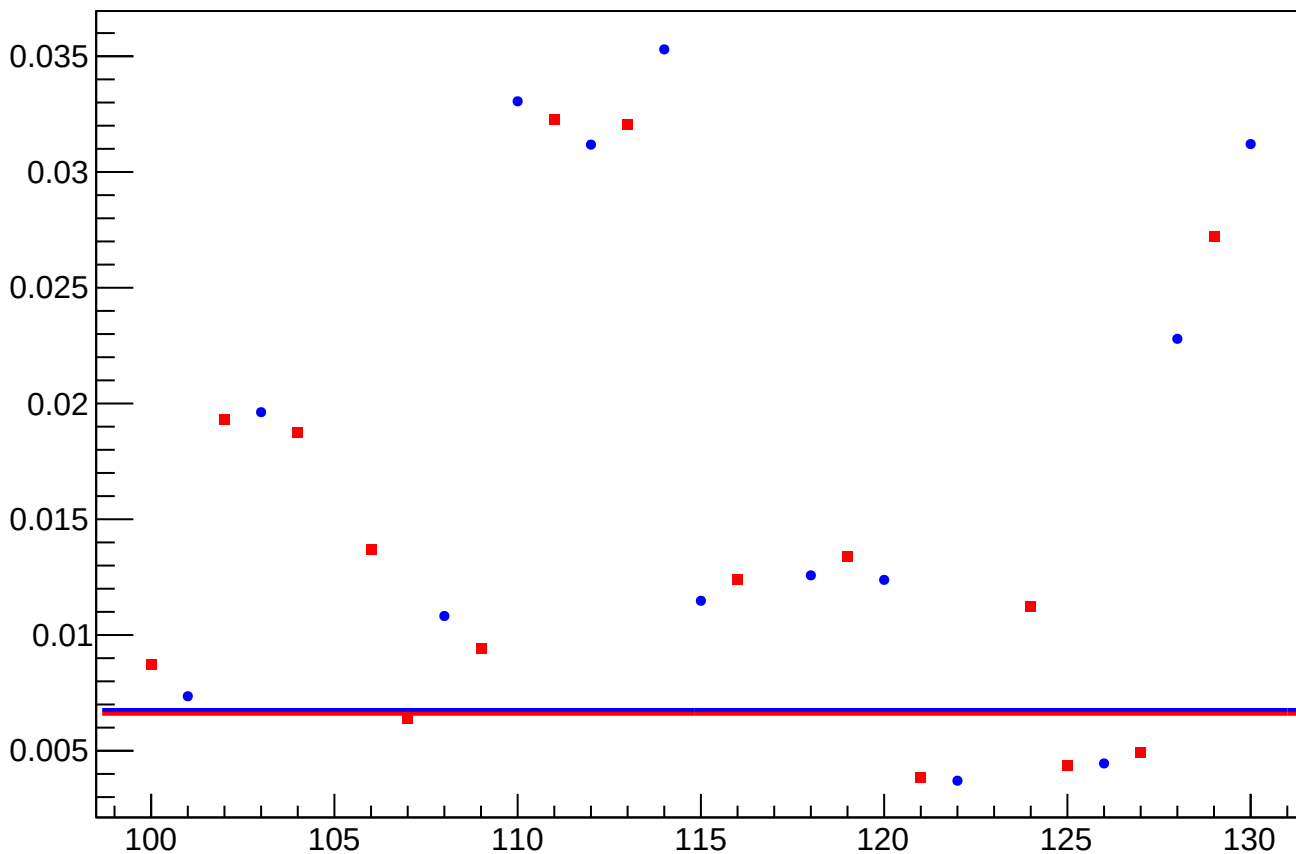
Right: -0.000+/-0.000 χ^2/NDF : 21.1/27

In: 0.000+/-0.000 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.1/27

asym_sam2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 4185355.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 4022691.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

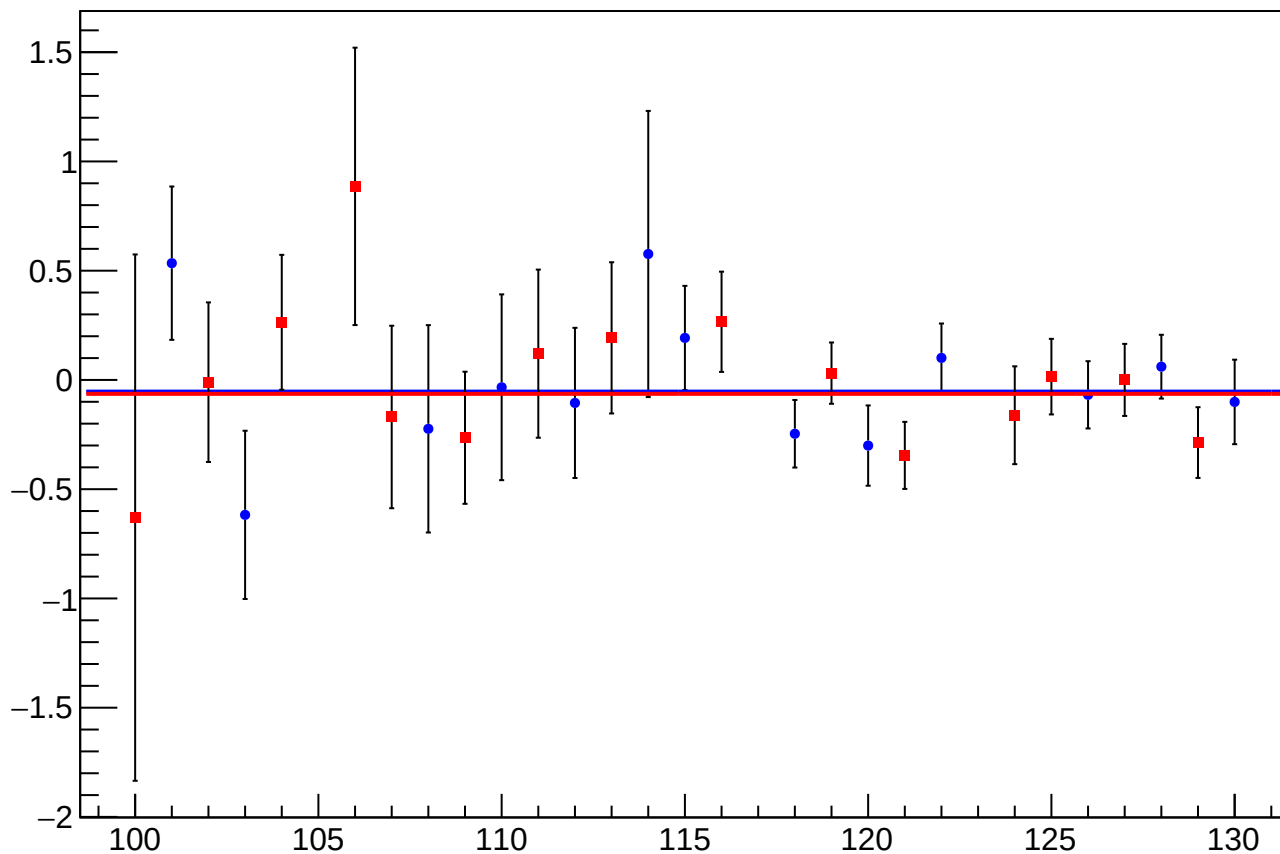
Right: 0.007+/-0.000 χ^2/NDF : 8210125.3/27

In: 0.007+/-0.000 χ^2/NDF :4185355.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 8210125.3/27

asym_sam2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.053 ± 0.060 χ^2/NDF : 12.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.064 ± 0.058 χ^2/NDF : 13.2/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

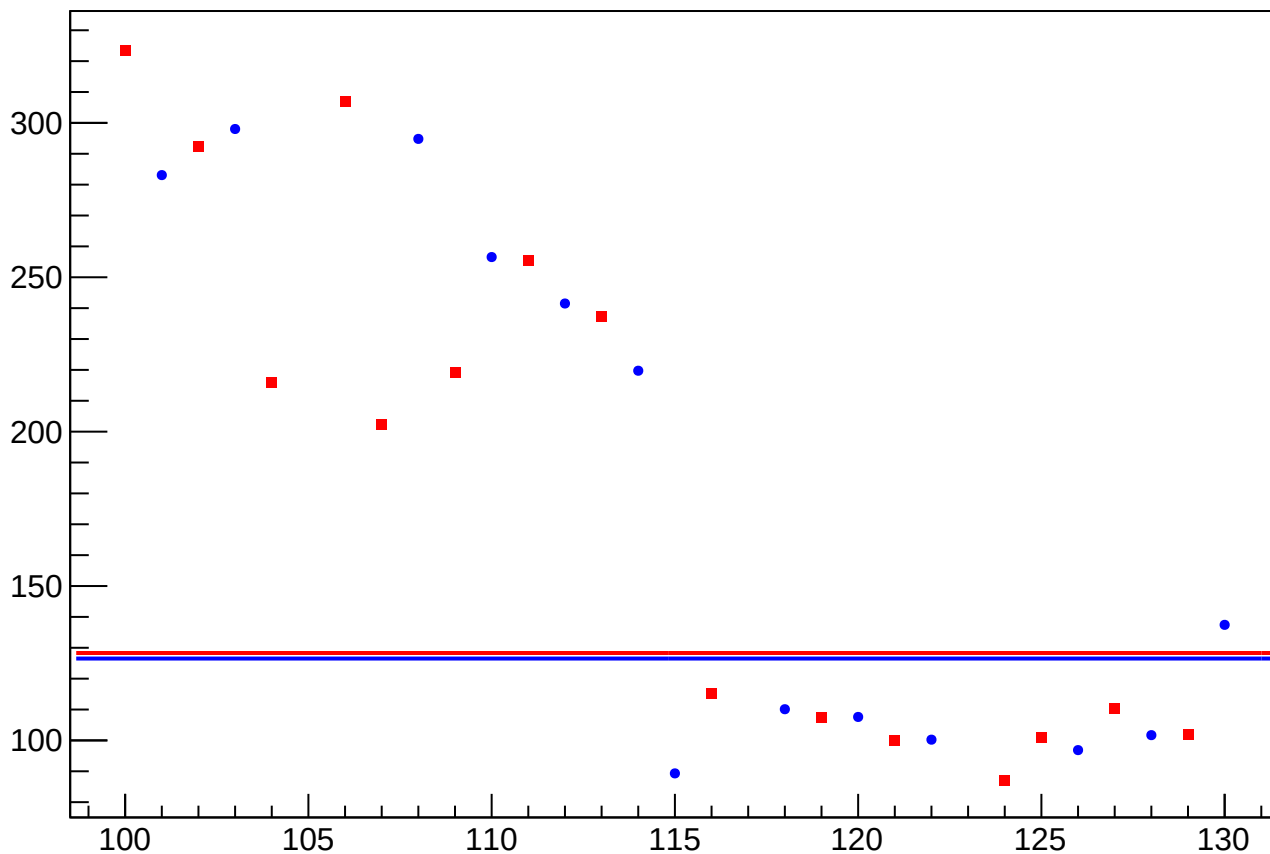
Right: -0.059 ± 0.042 χ^2/NDF : 25.3/27

In: -0.053 ± 0.060 χ^2/NDF : 12.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.059 ± 0.042 χ^2/NDF : 25.3/27

asym_sam2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 126.514+/-0.042 χ^2/NDF : 1784775.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.309+/-0.041 χ^2/NDF : 1748990.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

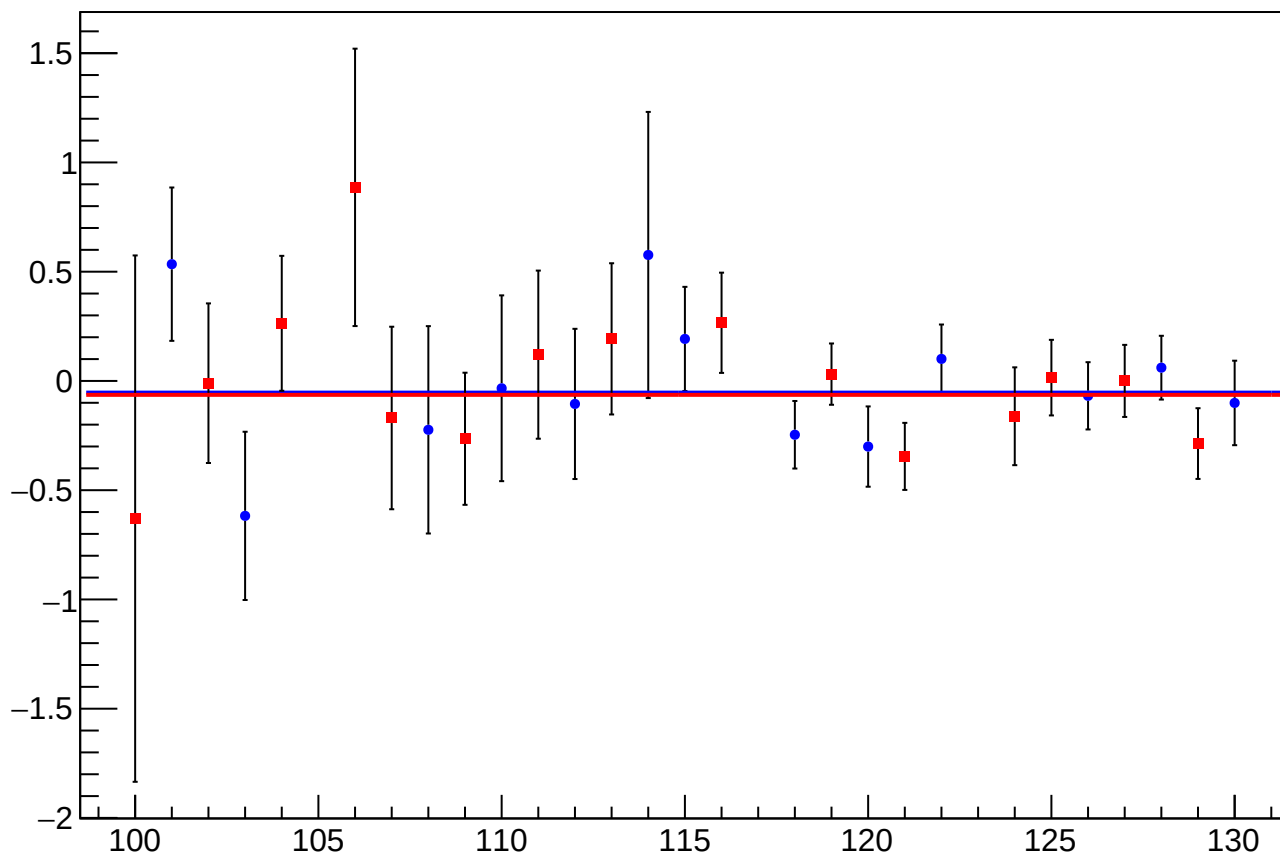
Right: 127.431+/-0.029 χ^2/NDF : 3534691.7/27

In: 126.514+/-0.042 χ^2/NDF : 1784775.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.431+/-0.029 χ^2/NDF : 3534691.7/27

asym_sam2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.053 ± 0.060 $\chi^2/\text{NDF}: 12.1/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.064 ± 0.058 $\chi^2/\text{NDF}: 13.2/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

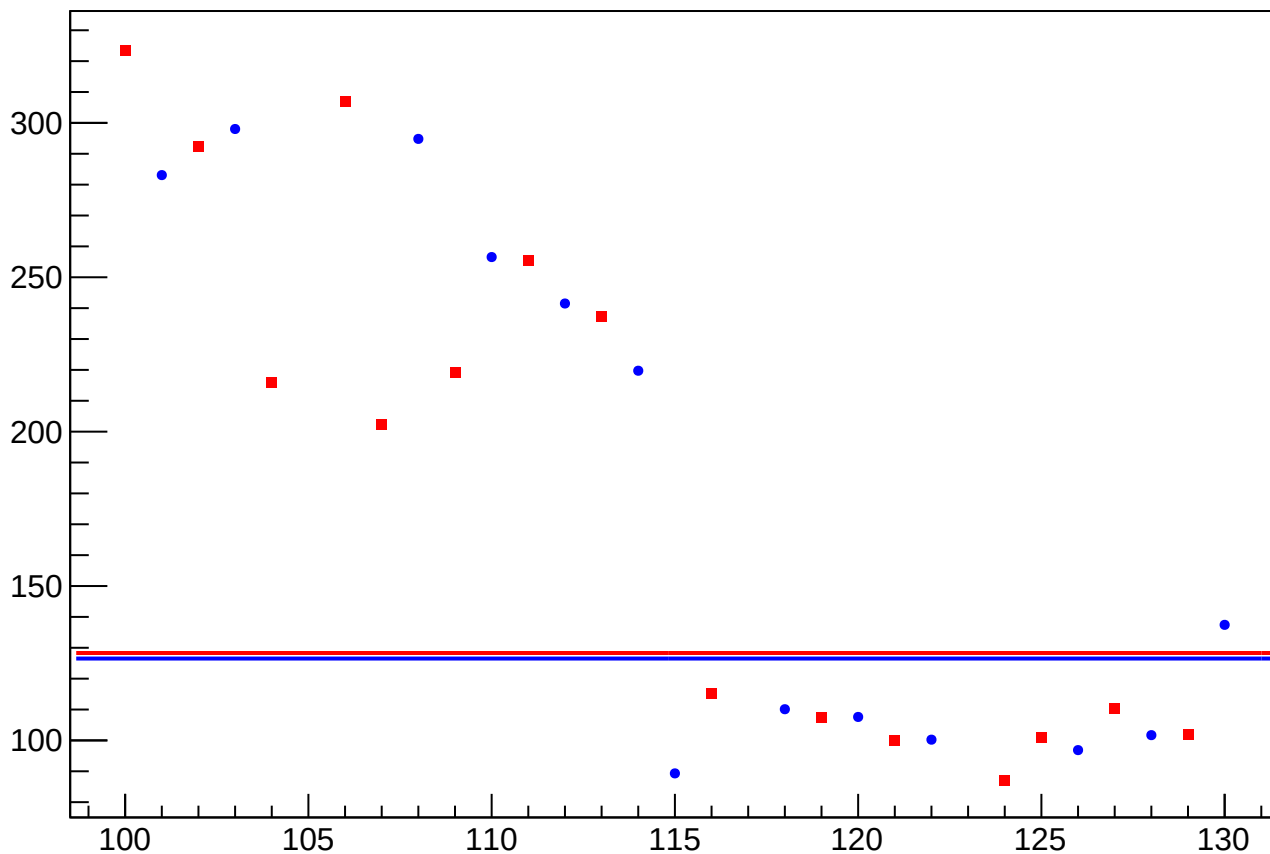
Right: -0.059 ± 0.042 $\chi^2/\text{NDF}: 25.3/27$

In: -0.053 ± 0.060 $\chi^2/\text{NDF}: 12.1/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.059 ± 0.042 $\chi^2/\text{NDF}: 25.3/27$

asym_sam2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 126.514+/-0.042 χ^2/NDF : 1784775.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.309+/-0.041 χ^2/NDF : 1748990.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

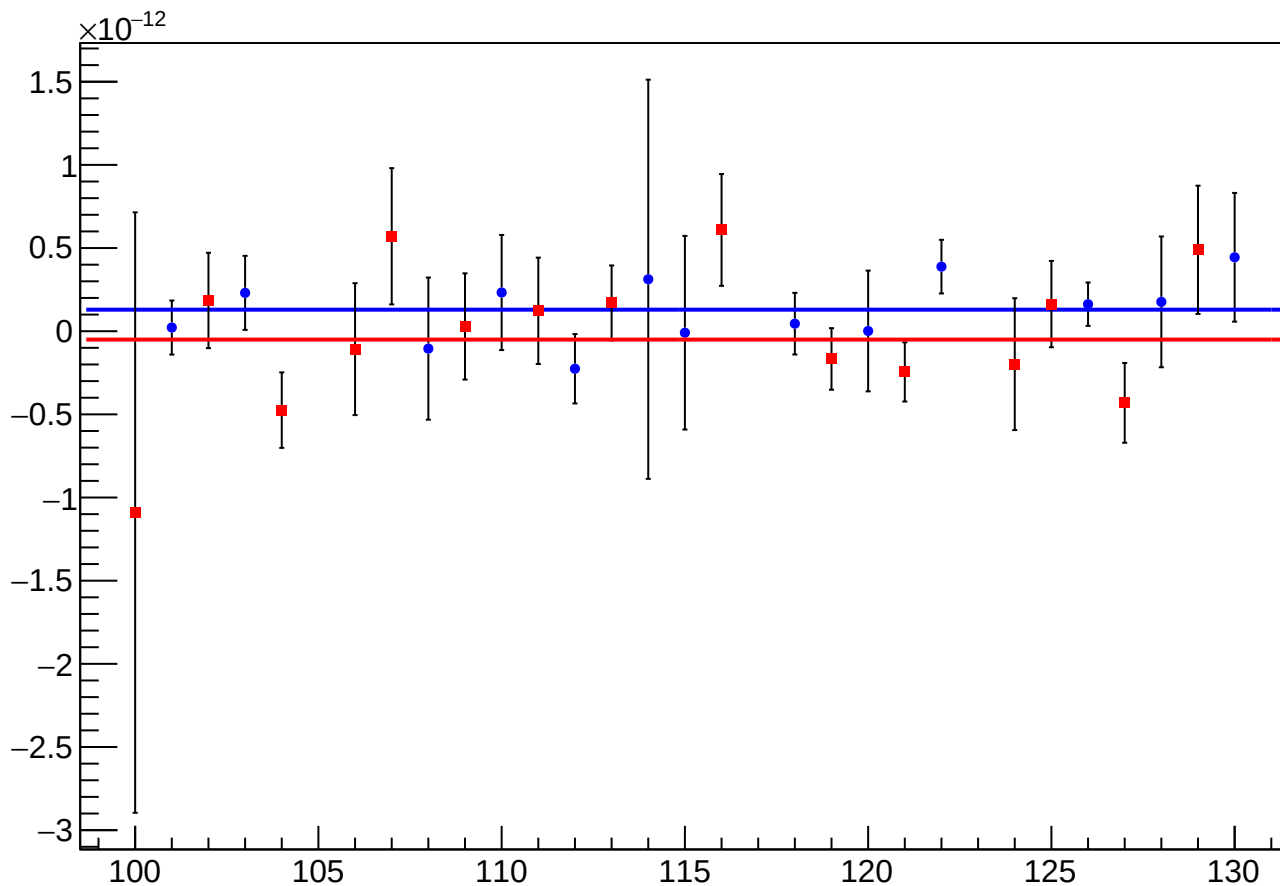
Right: 127.431+/-0.029 χ^2/NDF : 3534691.7/27

In: 126.514+/-0.042 χ^2/NDF : 1784775.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.431+/-0.029 χ^2/NDF : 3534691.7/27

asym_sam2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

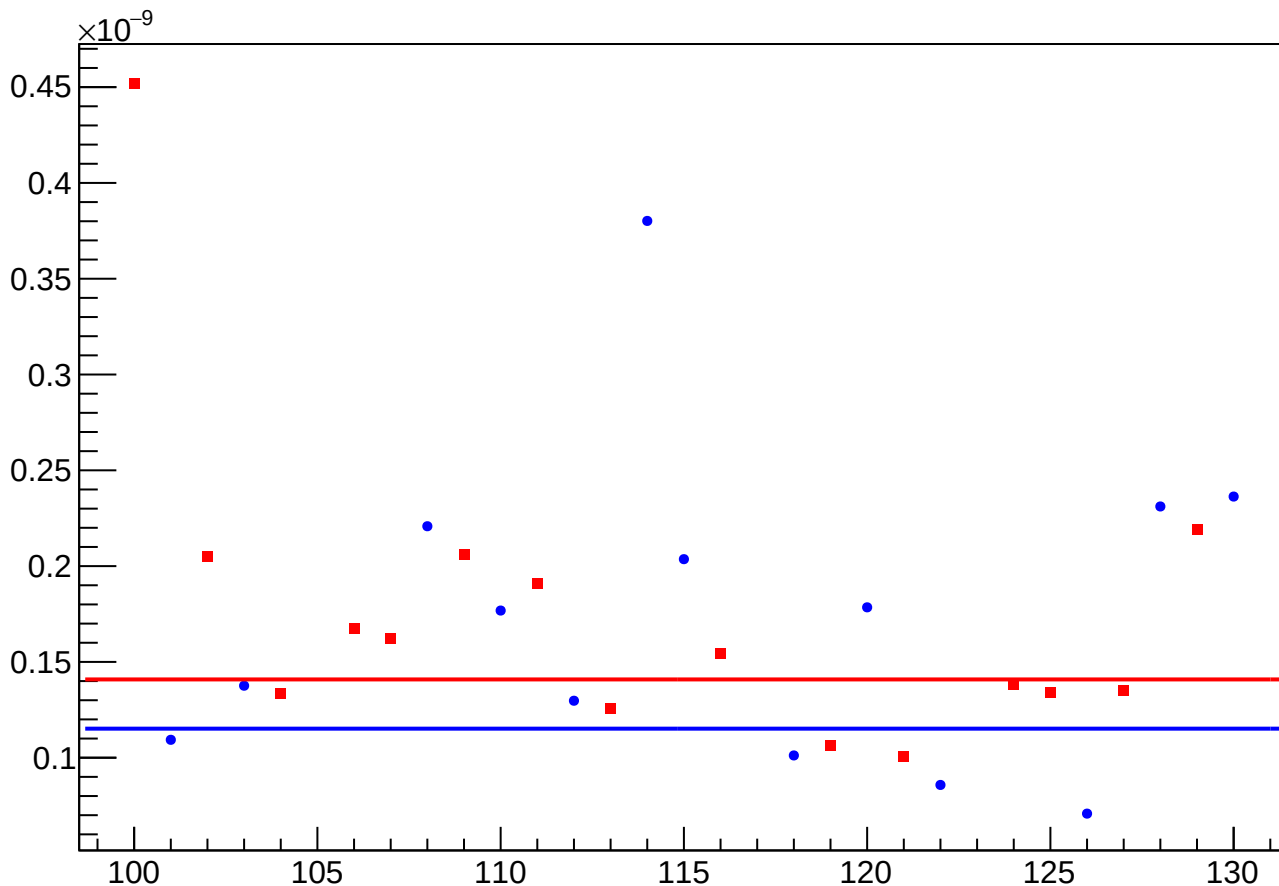
Right: 0.000+/-0.000 χ^2/NDF : 30.1/27

In: 0.000+/-0.000 χ^2/NDF : 7.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.1/27

asym_sam2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1101774.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 578513.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

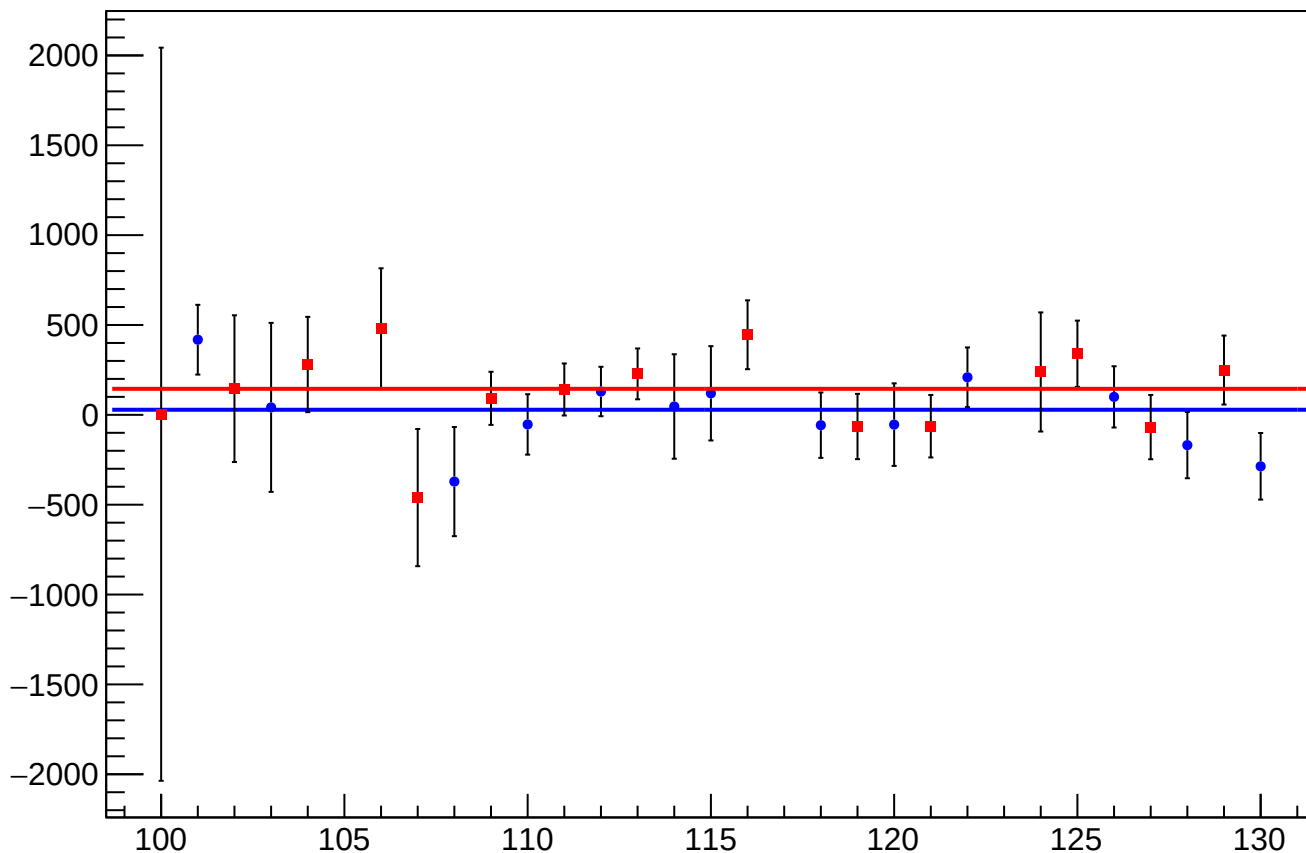
Right: 0.000+/-0.000 χ^2/NDF : 1825238.5/27

In: 0.000+/-0.000 χ^2/NDF : 1101774.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1825238.5/27

reg_asym_sam3_mean vs Slug, Sign Corrected



Right In: 28.349+/-54.645 χ^2/NDF : 12.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.861+/-52.183 χ^2/NDF : 12.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

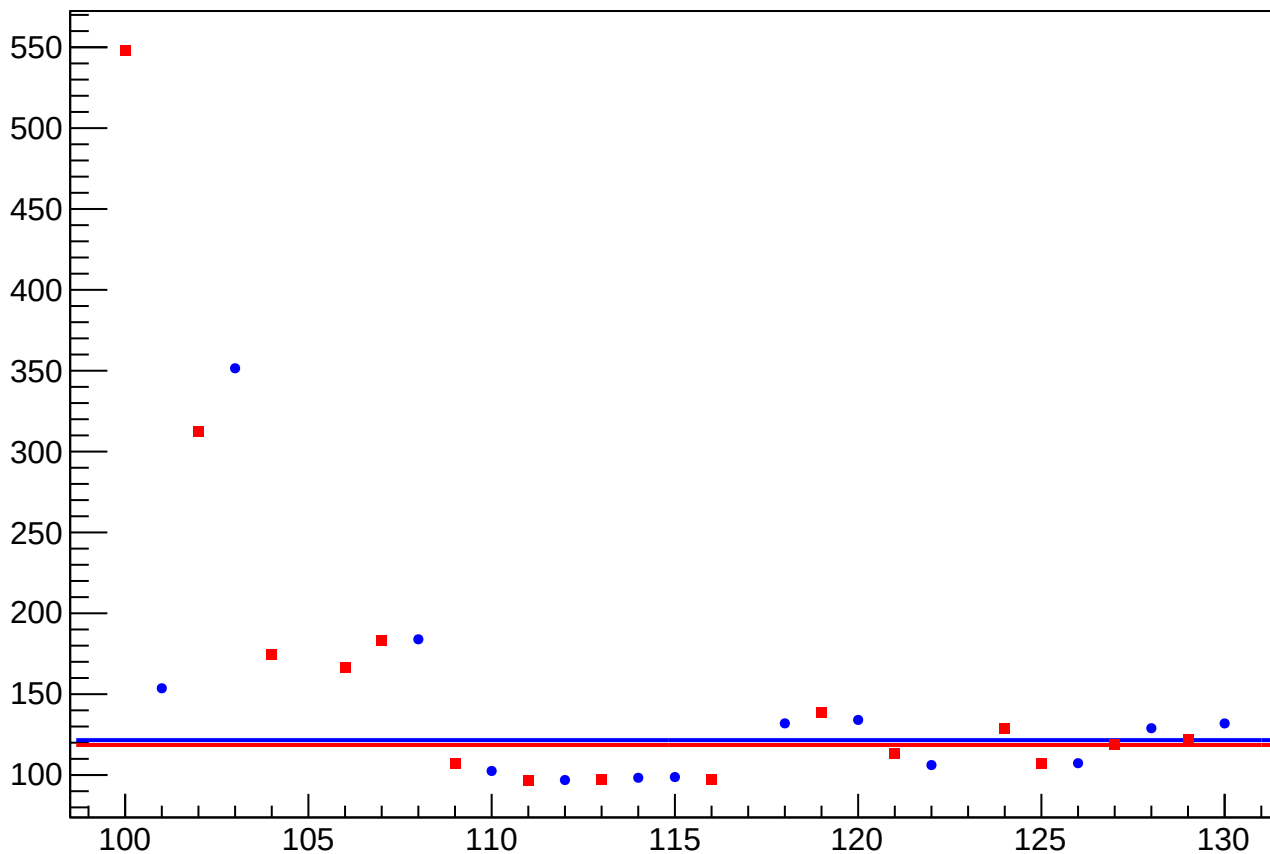
Right: 89.288+/-37.739 χ^2/NDF : 27.2/27

In: 28.349+/-54.645 χ^2/NDF : 12.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.288+/-37.739 χ^2/NDF : 27.2/27

reg_asym_sam3_rms vs Slug, Sign Corrected



Right In: 121.579+/-0.039 χ^2/NDF : 788289.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.592+/-0.037 χ^2/NDF : 891035.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

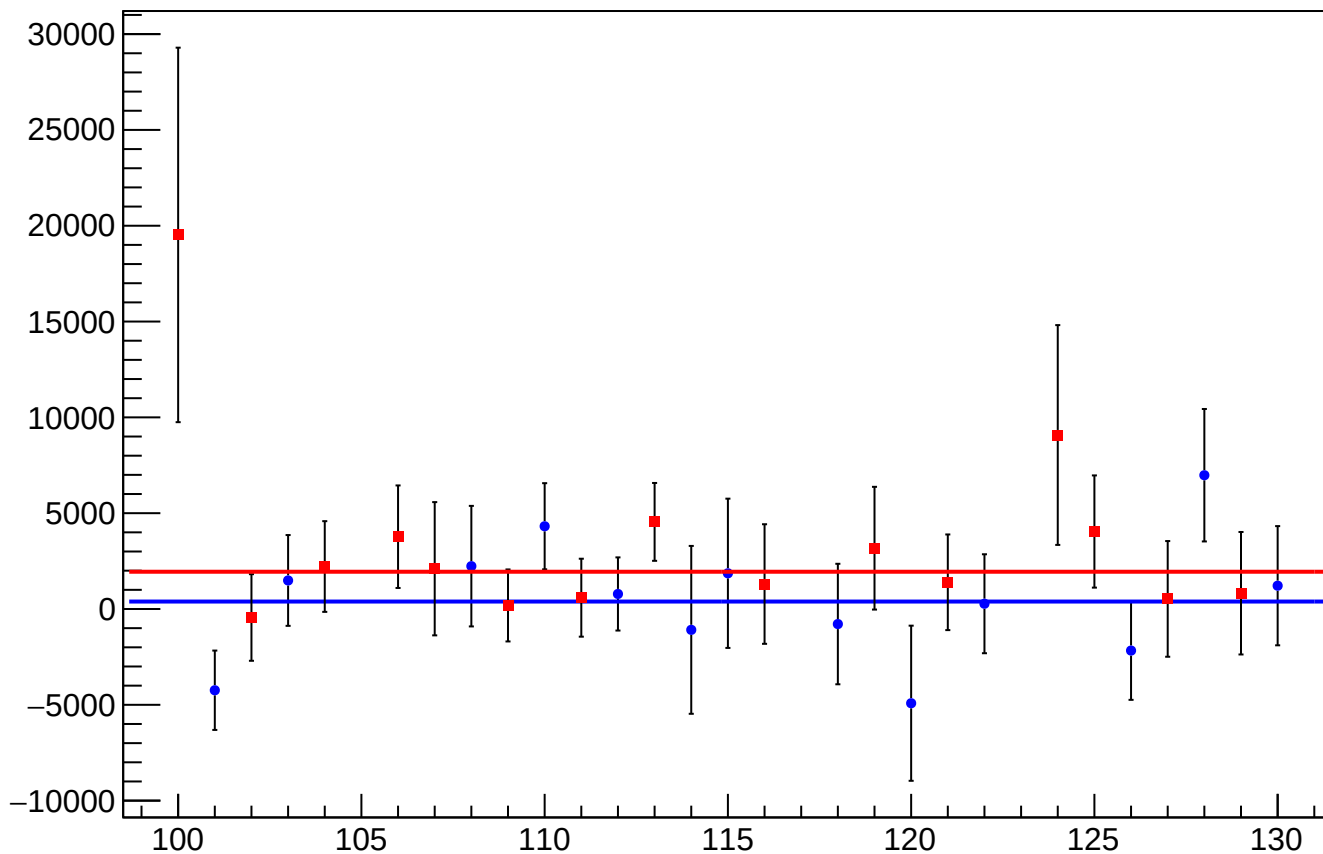
Right: 120.017+/-0.027 χ^2/NDF : 1682448.9/27

In: 121.579+/-0.039 χ^2/NDF : 788289.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.017+/-0.027 χ^2/NDF : 1682448.9/27

asym_sam3_reg_correction_mean vs Slug, Sign Corrected



Right In: 389.078+/-755.189 χ^2/NDF : 15.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1944.392+/-691.687 χ^2/NDF : 10.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

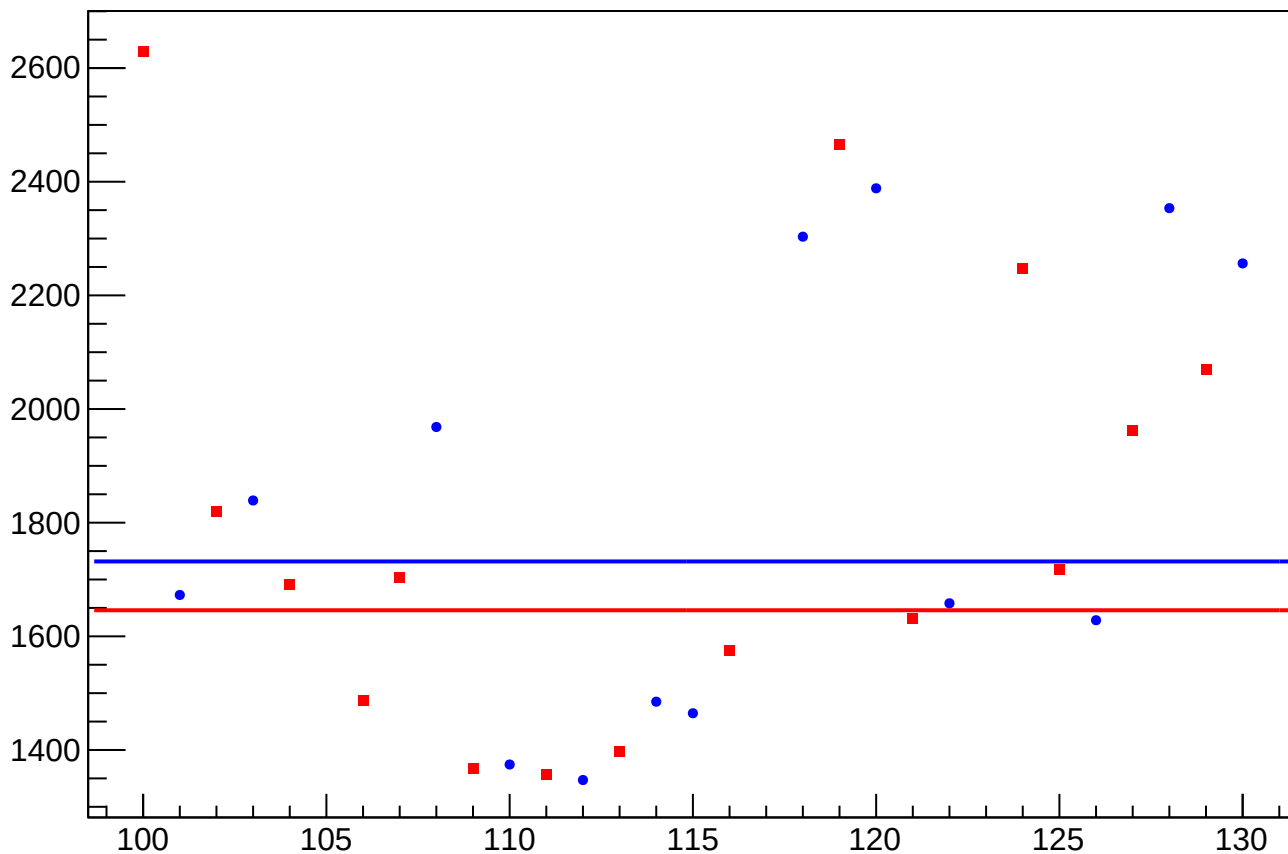
Right: 1234.865+/-510.071 χ^2/NDF : 28.2/27

In: 389.078+/-755.189 χ^2/NDF : 15.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1234.865+/-510.071 χ^2/NDF : 28.2/27

asym_sam3_reg_correction_rms vs Slug, Sign Corrected



Right In: 1731.785+/-0.534 χ^2/NDF : 409766.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1645.896+/-0.489 χ^2/NDF : 366736.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

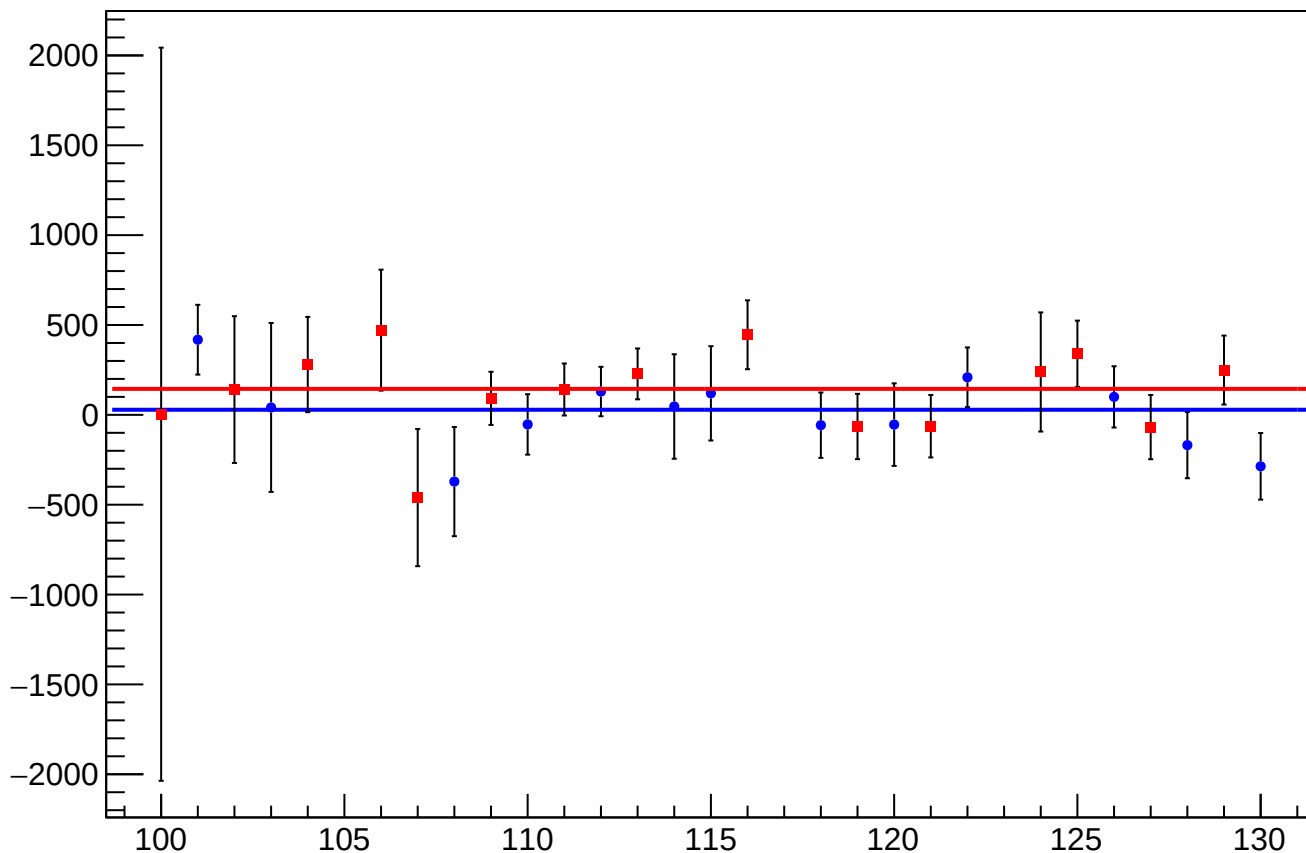
Right: 1685.078+/-0.361 χ^2/NDF : 790570.5/27

In: 1731.785+/-0.534 χ^2/NDF : 409766.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1685.078+/-0.361 χ^2/NDF : 790570.5/27

cor_asym_sam3_mean vs Slug, Sign Corrected



Right In: 28.334+/-54.645 χ^2/NDF : 12.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.495+/-52.188 χ^2/NDF : 12.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

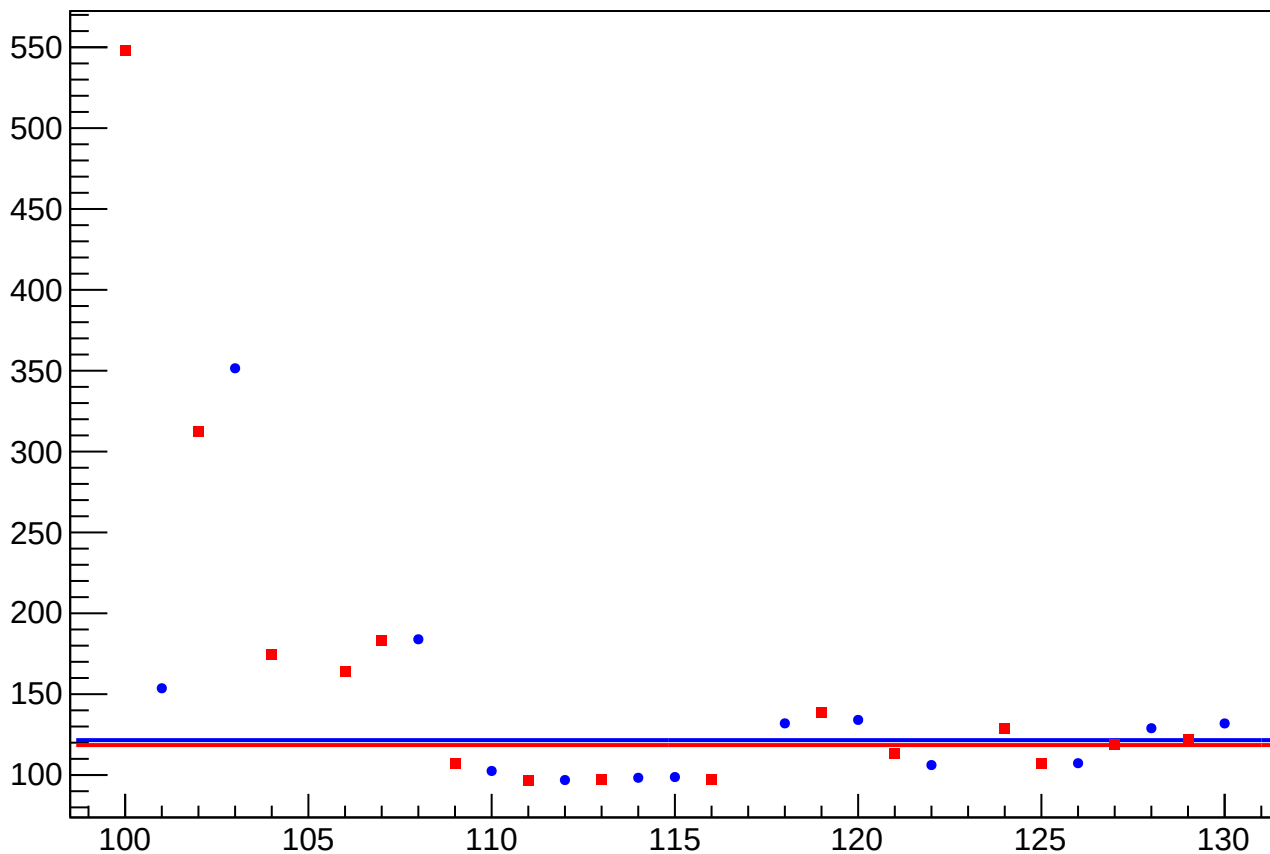
Right: 89.084+/-37.741 χ^2/NDF : 27.1/27

In: 28.334+/-54.645 χ^2/NDF : 12.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.084+/-37.741 χ^2/NDF : 27.1/27

cor_asym_sam3_rms vs Slug, Sign Corrected



Right In: 121.579+/-0.039 χ^2/NDF : 788291.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.525+/-0.037 χ^2/NDF : 886893.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

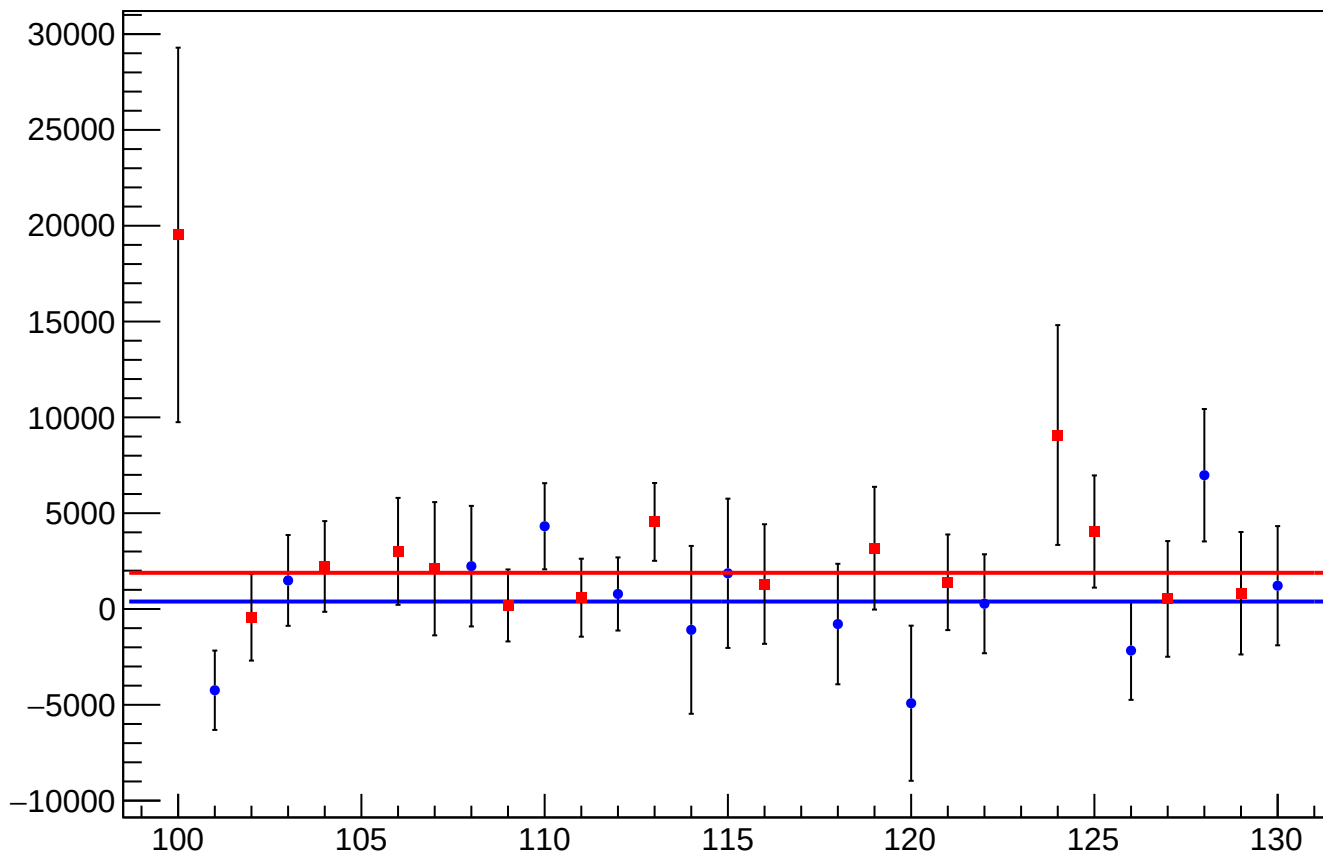
Right: 119.982+/-0.027 χ^2/NDF : 1678450.5/27

In: 121.579+/-0.039 χ^2/NDF : 788291.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.982+/-0.027 χ^2/NDF : 1678450.5/27

asym_sam3_cor_correction_mean vs Slug, Sign Corrected



Right In: 389.118+/-755.197 χ^2/NDF : 15.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1888.979+/-693.621 χ^2/NDF : 10.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

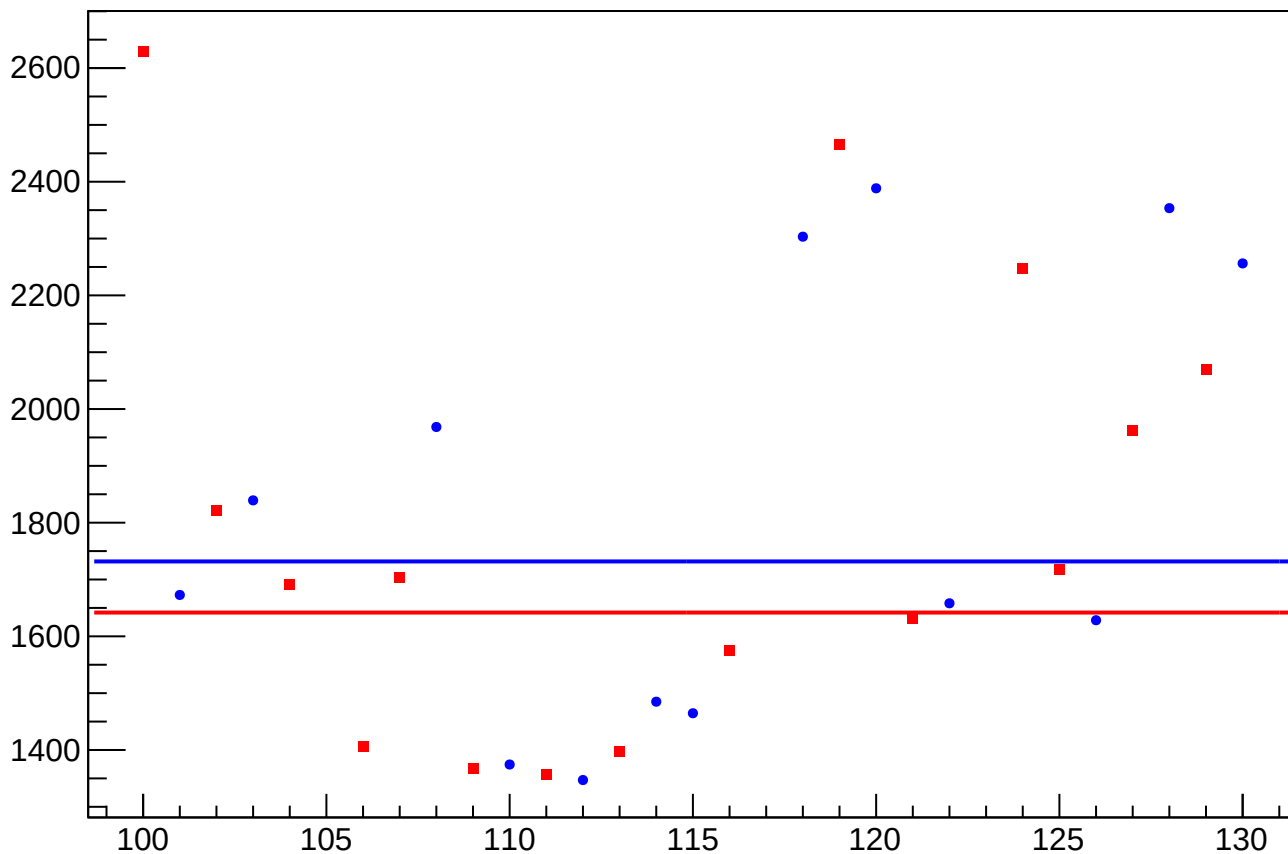
Right: 1202.679+/-510.848 χ^2/NDF : 27.7/27

In: 389.118+/-755.197 χ^2/NDF :15.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1202.679+/-510.848 χ^2/NDF : 27.7/27

asym_sam3_cor_correction_rms vs Slug, Sign Corrected



Right In: 1731.802+/-0.534 χ^2/NDF : 409781.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1641.861+/-0.490 χ^2/NDF : 374575.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

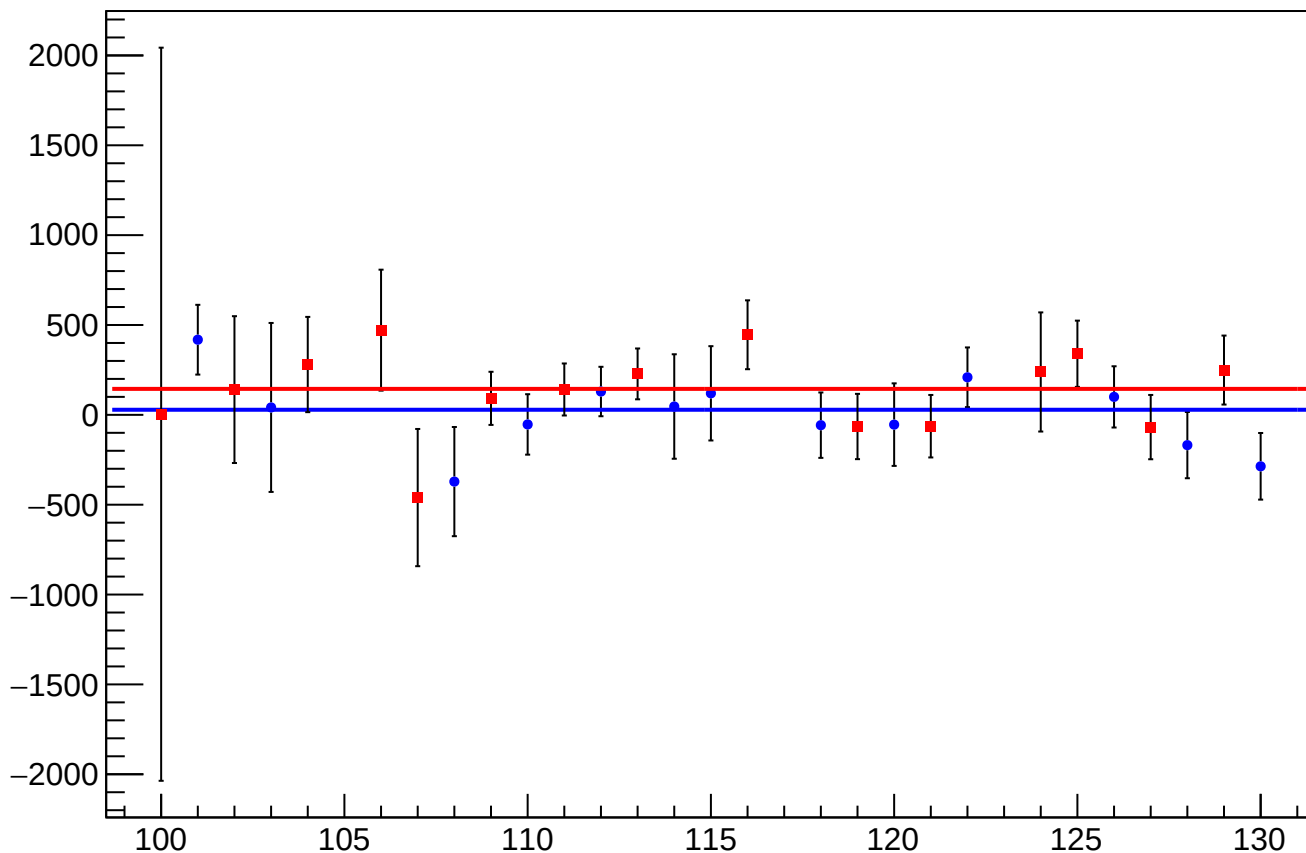
Right: 1683.016+/-0.361 χ^2/NDF : 799744.0/27

In: 1731.802+/-0.534 χ^2/NDF :409781.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1683.016+/-0.361 χ^2/NDF : 799744.0/27

eigen_cor_asym_sam3_mean vs Slug, Sign Corrected



Right In: 28.334+/-54.645 χ^2/NDF : 12.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.495+/-52.188 χ^2/NDF : 12.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

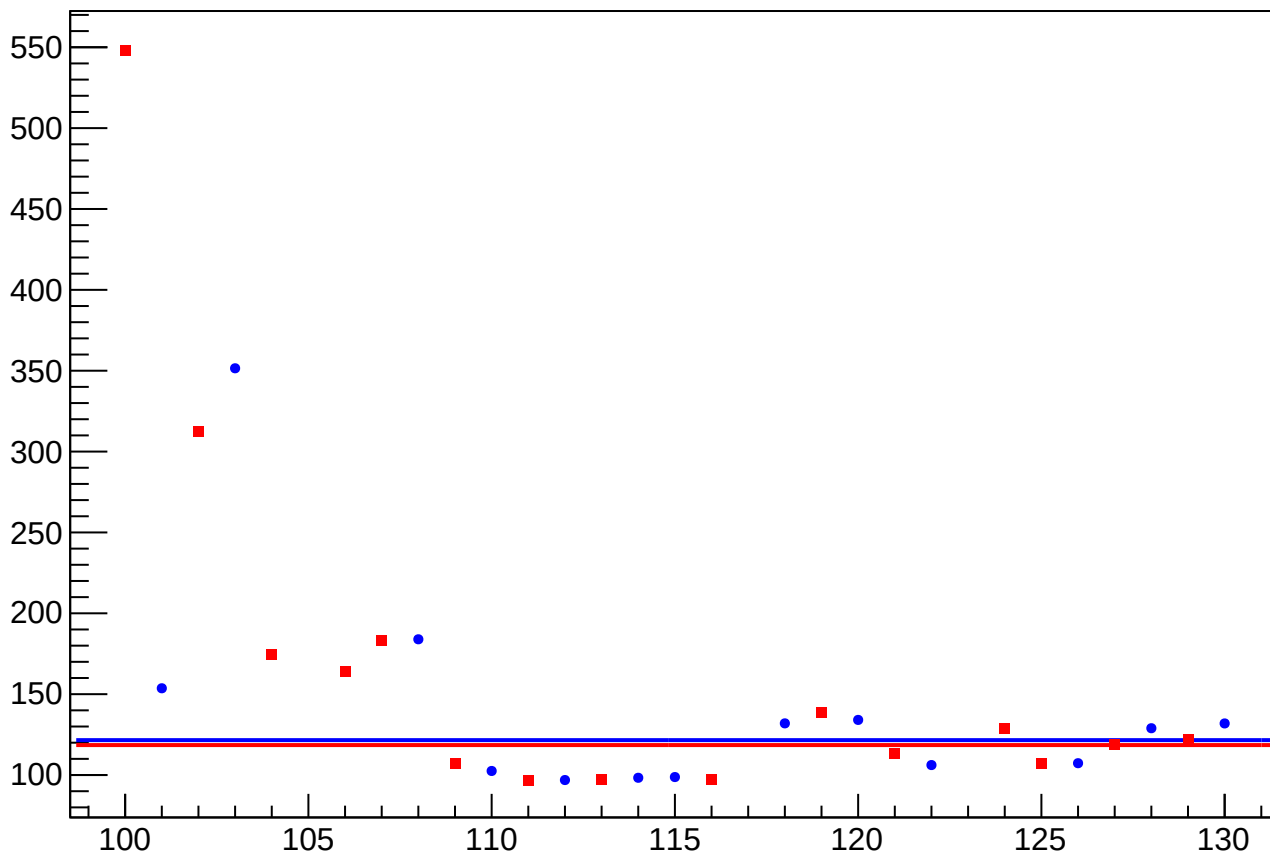
Right: 89.084+/-37.741 χ^2/NDF : 27.1/27

In: 28.334+/-54.645 χ^2/NDF : 12.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.084+/-37.741 χ^2/NDF : 27.1/27

eigen_cor_asym_sam3_rms vs Slug, Sign Corrected



Right In: 121.579+/-0.039 χ^2/NDF : 788291.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.525+/-0.037 χ^2/NDF : 886893.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

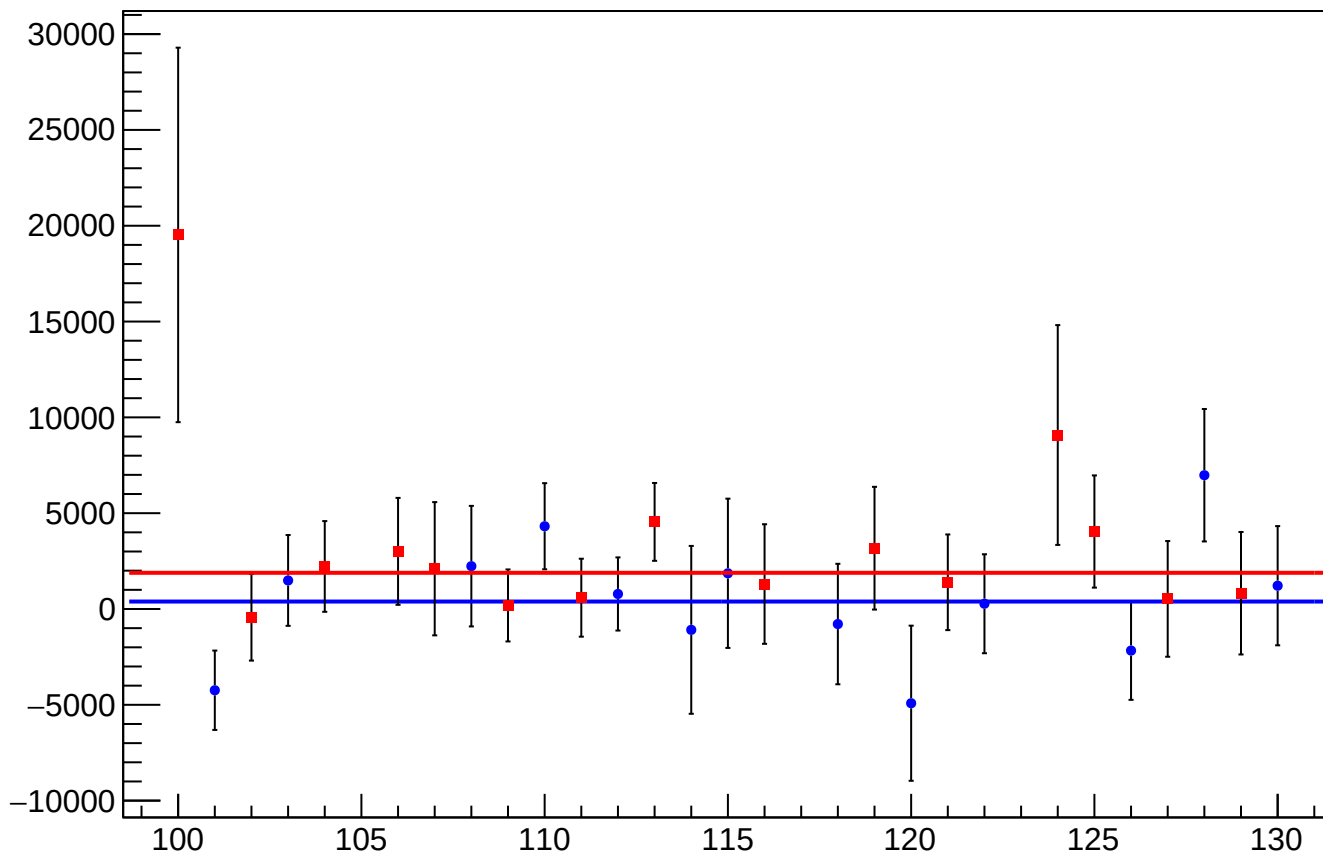
Right: 119.982+/-0.027 χ^2/NDF : 1678450.5/27

In: 121.579+/-0.039 χ^2/NDF : 788291.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.982+/-0.027 χ^2/NDF : 1678450.5/27

asym_sam3_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 389.118+/-755.197 χ^2/NDF : 15.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1888.979+/-693.621 χ^2/NDF : 10.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

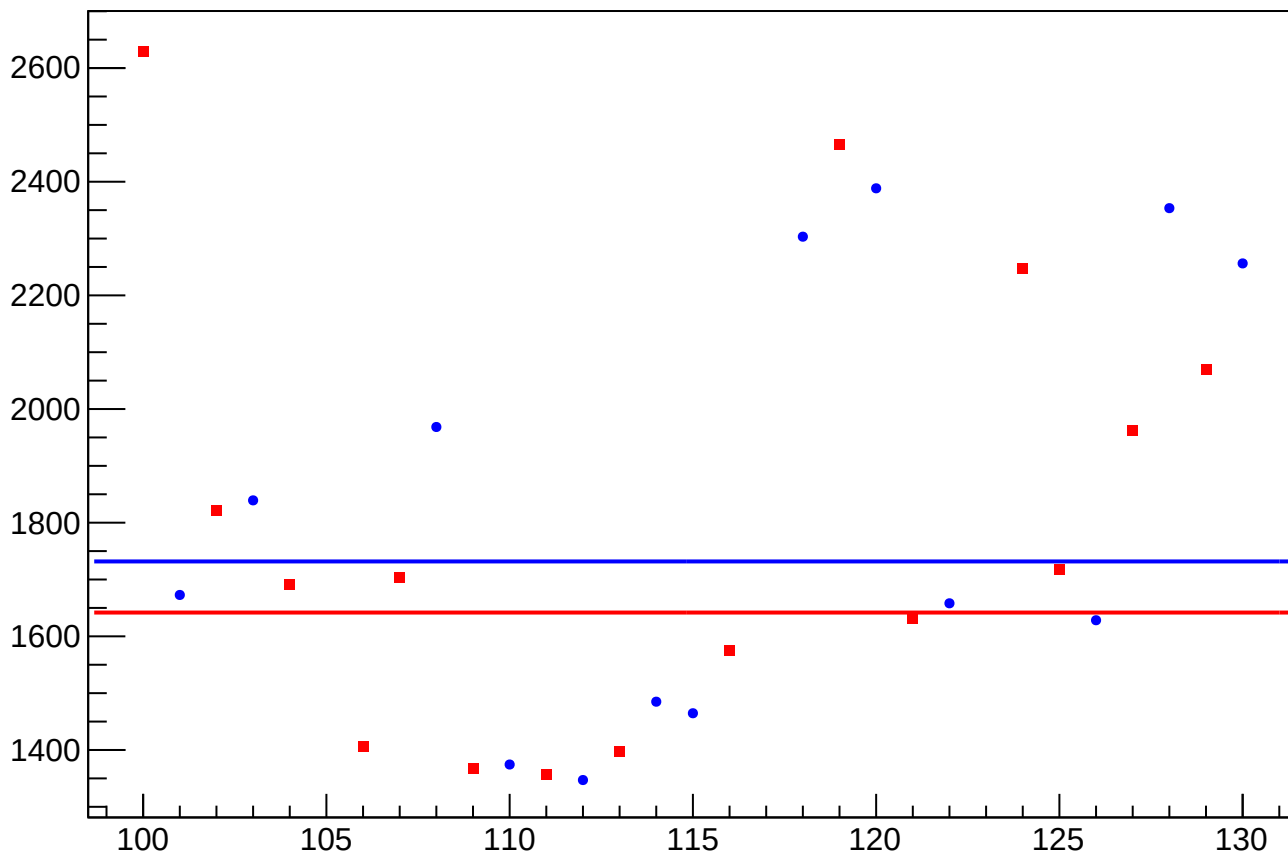
Right: 1202.679+/-510.848 χ^2/NDF : 27.7/27

In: 389.118+/-755.197 χ^2/NDF : 15.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1202.679+/-510.848 χ^2/NDF : 27.7/27

asym_sam3_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1731.802+/-0.534 χ^2/NDF : 409781.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1641.861+/-0.490 χ^2/NDF : 374575.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

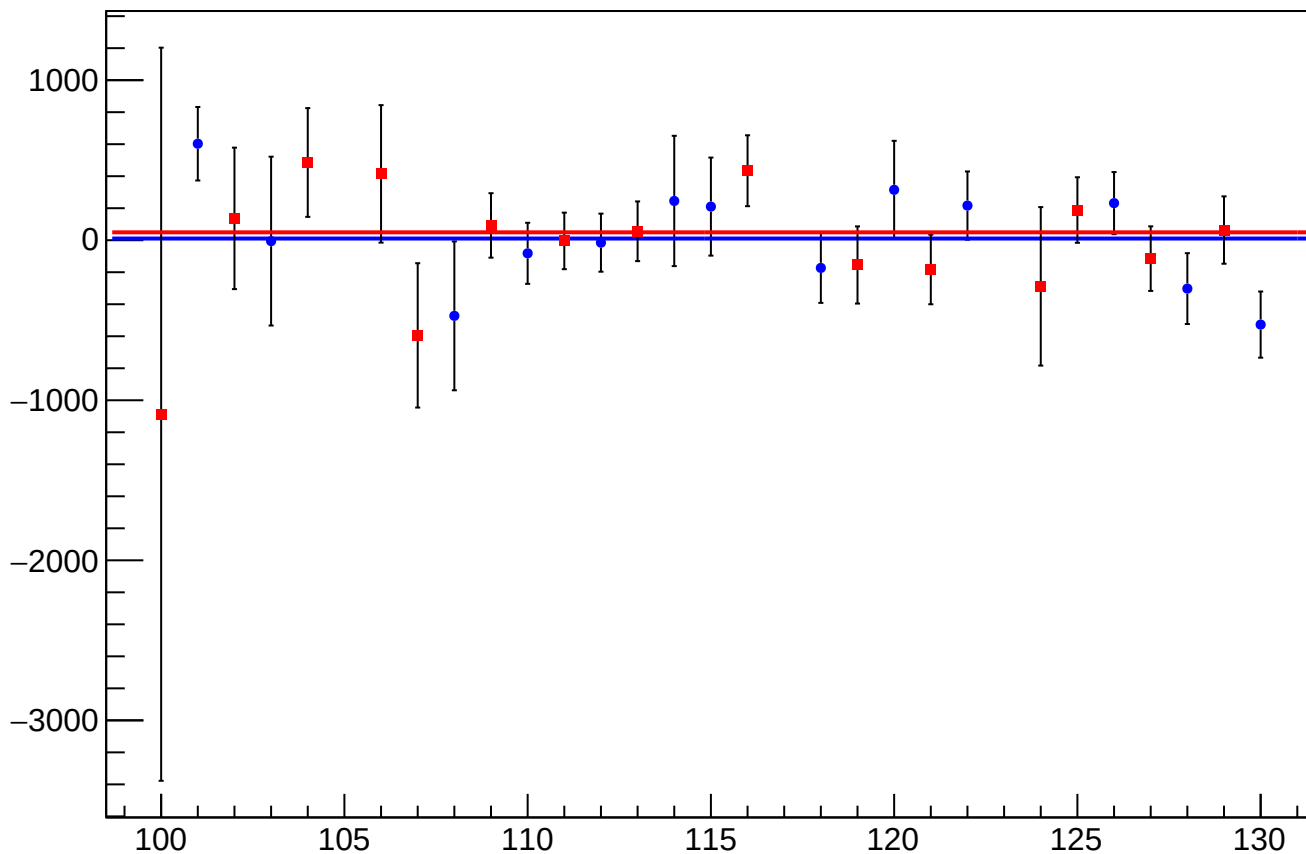
Right: 1683.016+/-0.361 χ^2/NDF : 799744.0/27

In: 1731.802+/-0.534 χ^2/NDF : 409781.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1683.016+/-0.361 χ^2/NDF : 799744.0/27

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 10.499+/-66.549 χ^2/NDF : 21.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.340+/-64.073 χ^2/NDF : 11.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

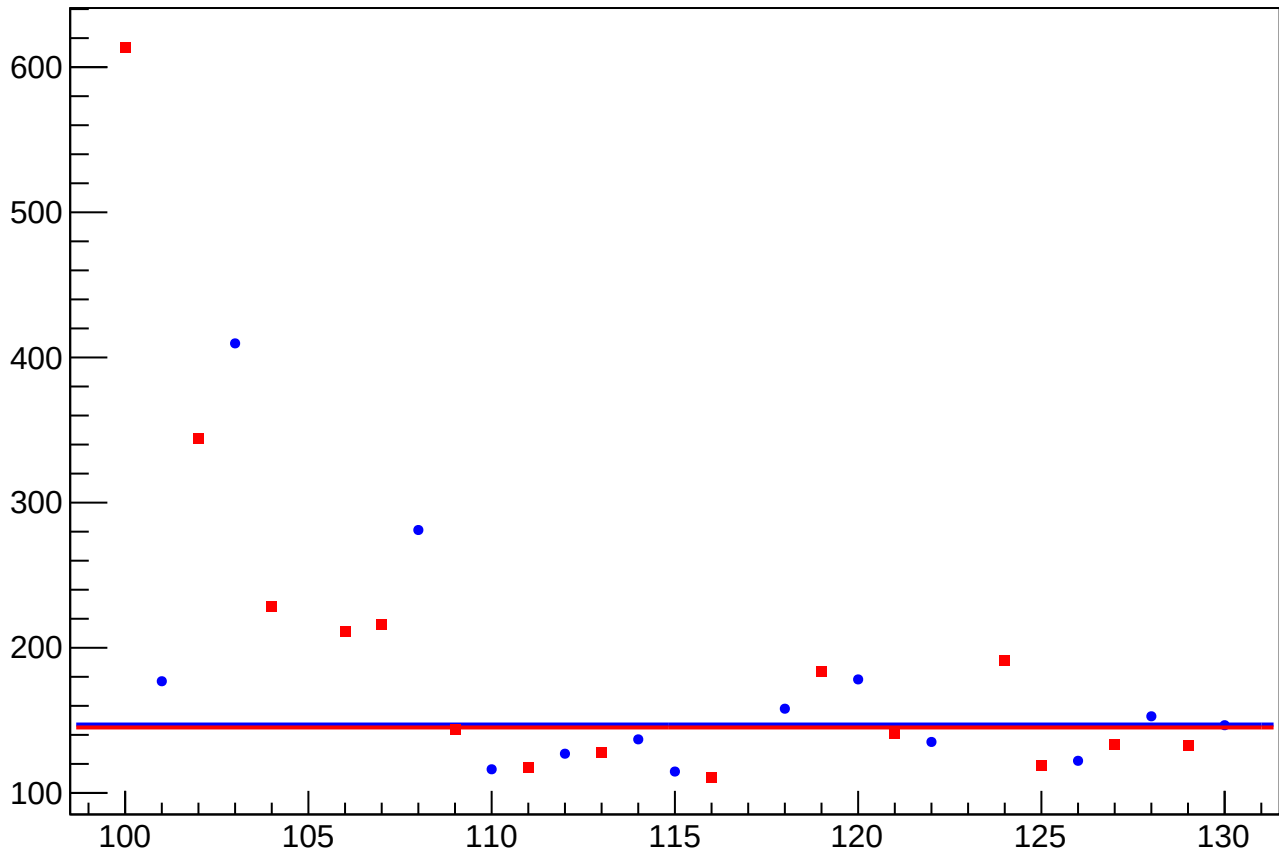
Right: 30.656+/-46.157 χ^2/NDF : 32.9/27

In: 10.499+/-66.549 χ^2/NDF : 21.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.656+/-46.157 χ^2/NDF : 32.9/27

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 147.136+/-0.047 χ^2/NDF : 862319.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 145.106+/-0.045 χ^2/NDF : 936101.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

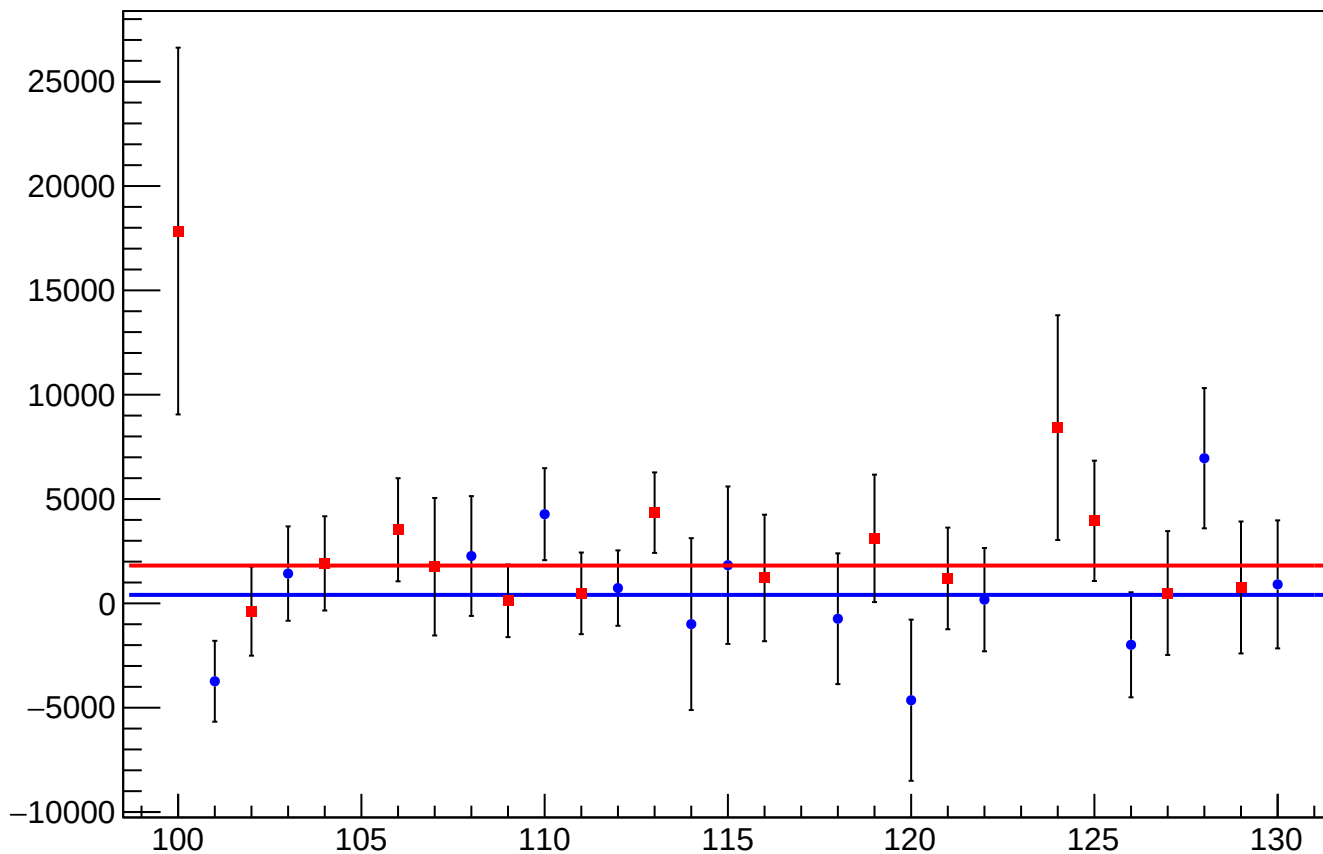
Right: 146.083+/-0.033 χ^2/NDF : 1799386.8/27

In: 147.136+/-0.047 χ^2/NDF : 862319.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 146.083+/-0.033 χ^2/NDF : 1799386.8/27

asym_sam3_dit_correction_mean vs Slug, Sign Corrected



Right In: 406.620+/-723.750 χ^2/NDF : 15.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1812.728+/-659.671 χ^2/NDF : 10.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

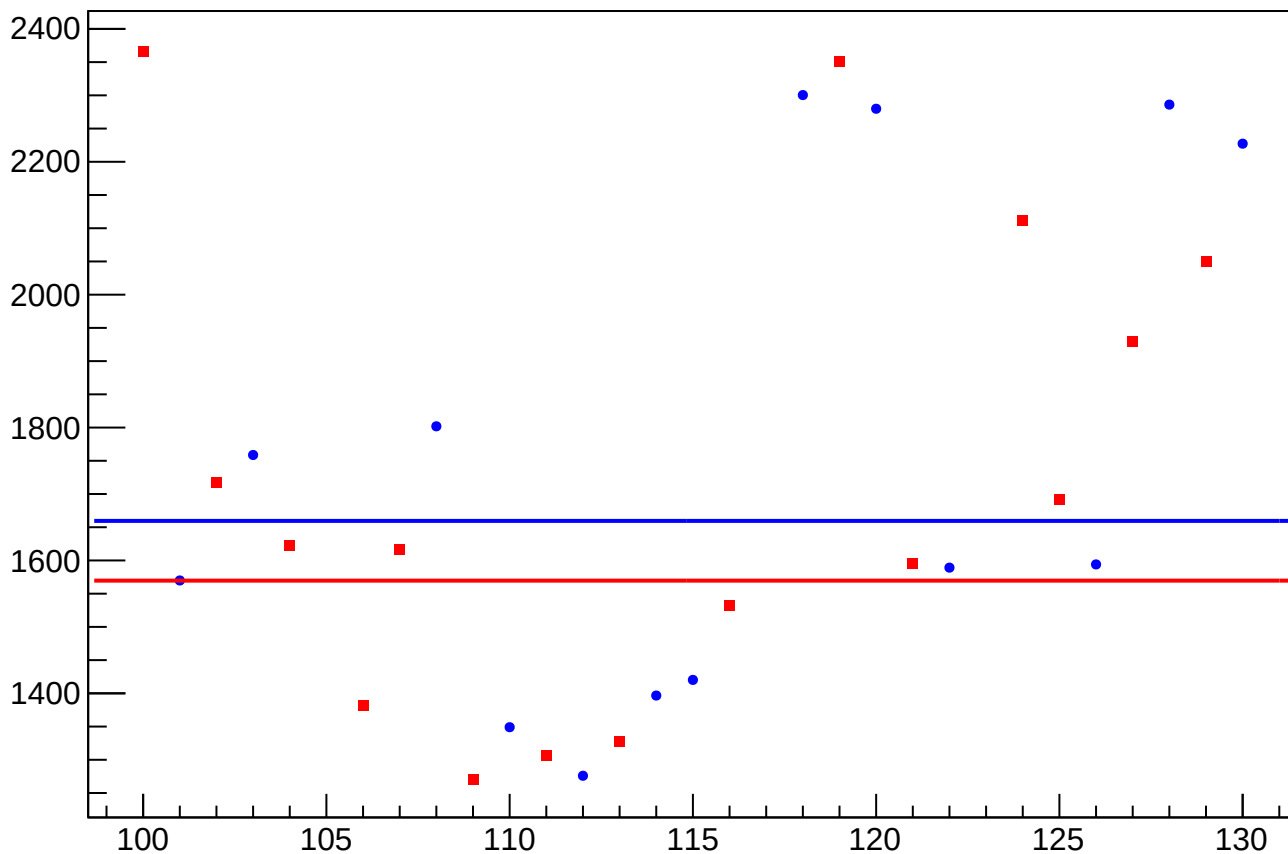
Right: 1174.665+/-487.541 χ^2/NDF : 27.8/27

In: 406.620+/-723.750 χ^2/NDF : 15.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1174.665+/-487.541 χ^2/NDF : 27.8/27

asym_sam3_dit_correction_rms vs Slug, Sign Corrected



Right In: 1659.531+/-0.512 χ^2/NDF : 435223.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1569.638+/-0.466 χ^2/NDF : 397146.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

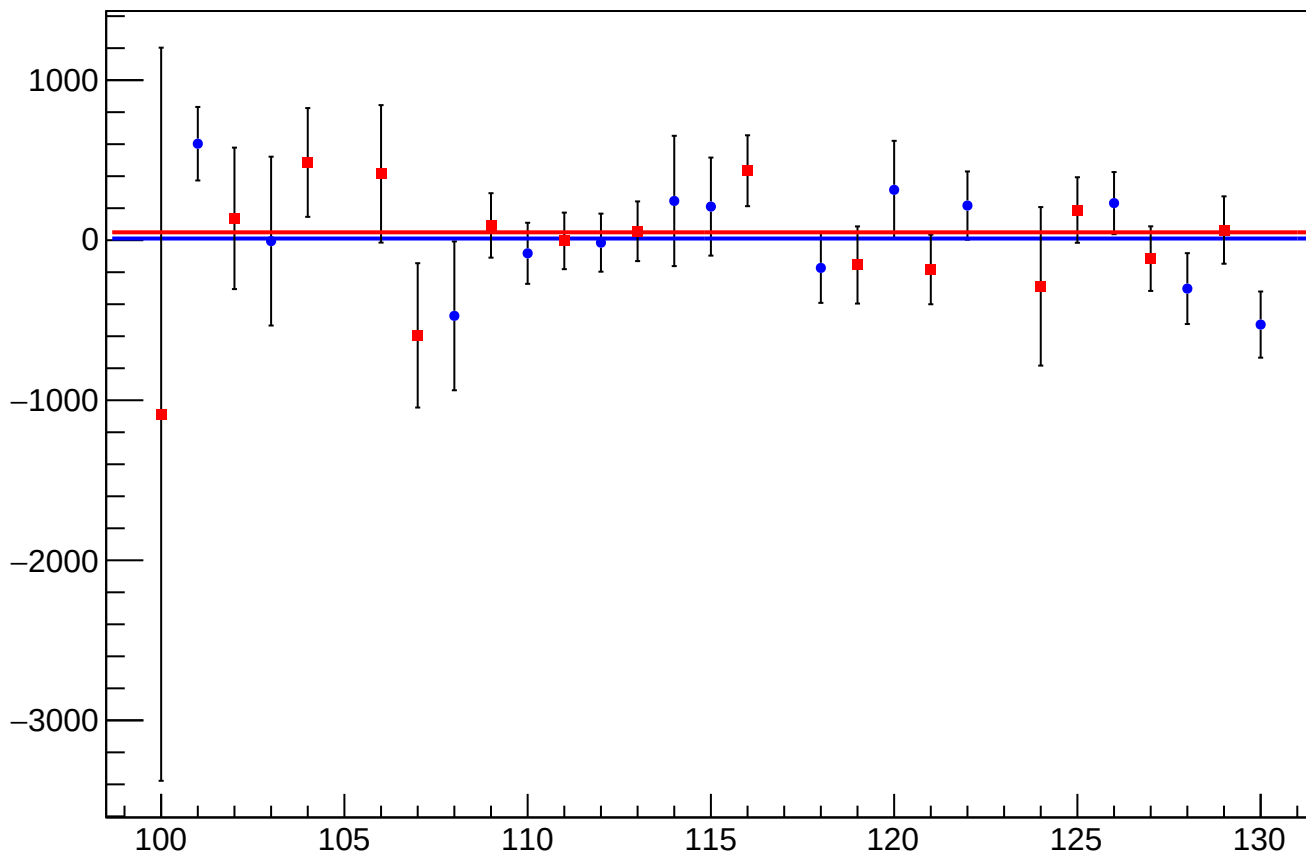
Right: 1610.430+/-0.345 χ^2/NDF : 849222.6/27

In: 1659.531+/-0.512 χ^2/NDF : 435223.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1610.430+/-0.345 χ^2/NDF : 849222.6/27

eigen_dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 10.496+/-66.550 χ^2/NDF : 21.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 49.336+/-64.074 χ^2/NDF : 11.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

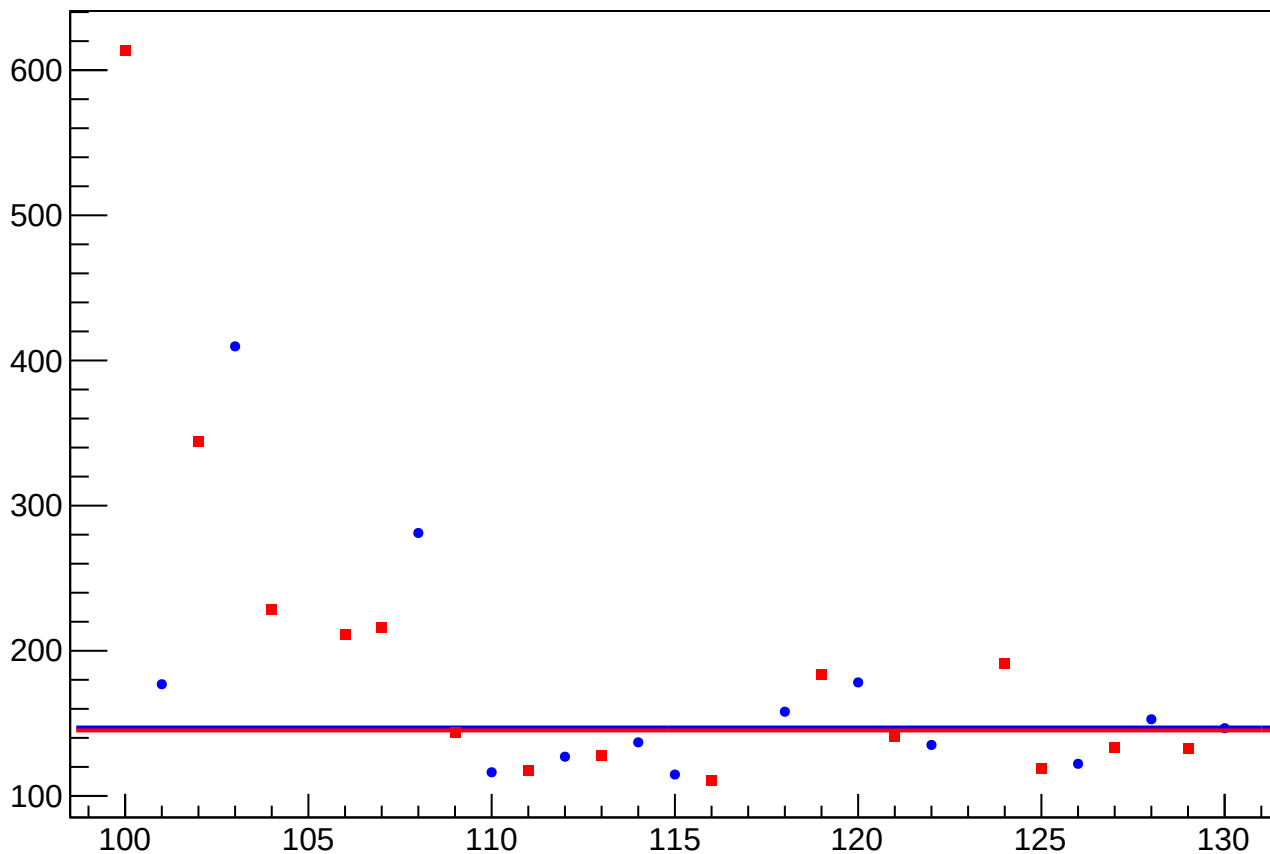
Right: 30.652+/-46.158 χ^2/NDF : 32.9/27

In: 10.496+/-66.550 χ^2/NDF :21.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 30.652+/-46.158 χ^2/NDF : 32.9/27

eigen_dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 147.137+/-0.047 χ^2/NDF : 862309.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 145.107+/-0.045 χ^2/NDF : 936097.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

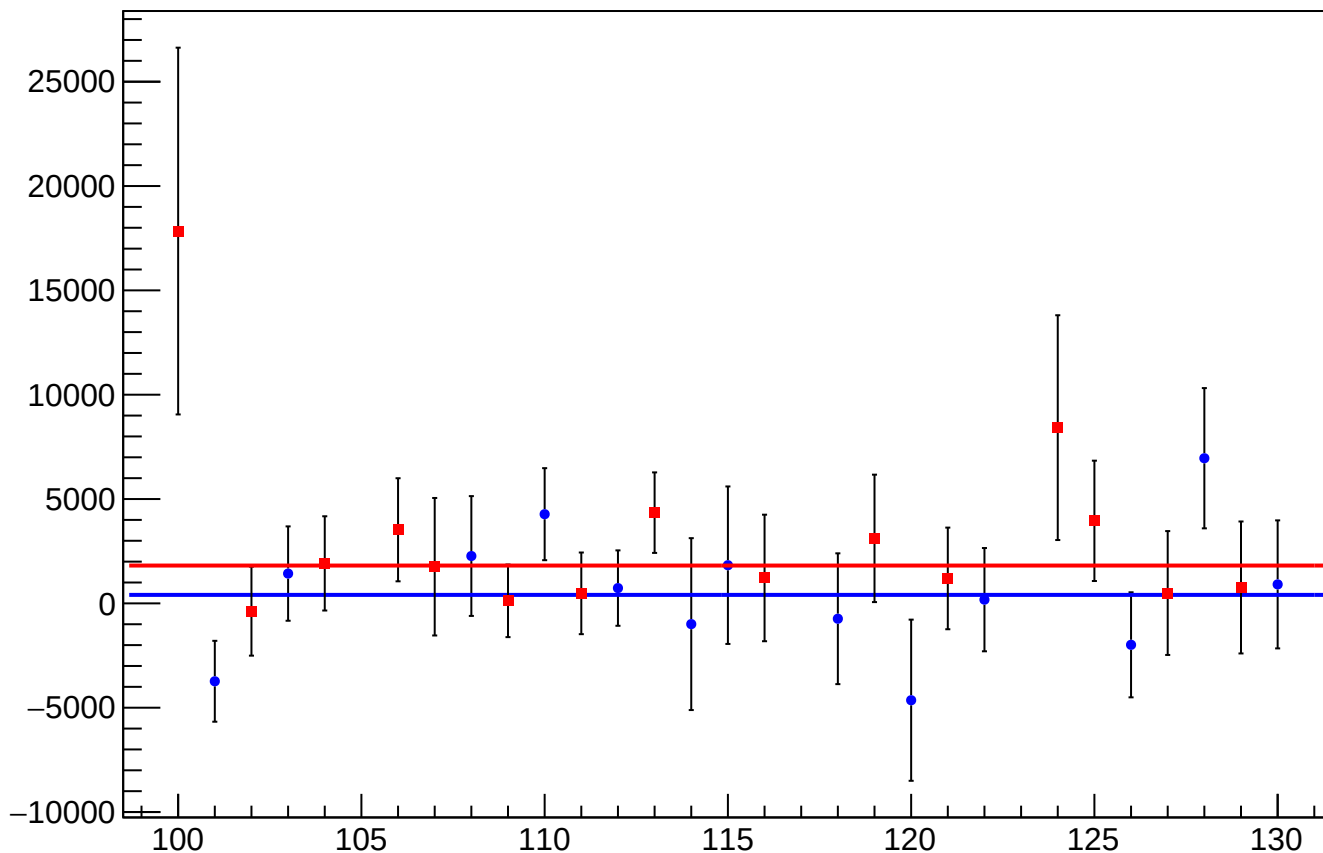
Right: 146.084+/-0.033 χ^2/NDF : 1799372.1/27

In: 147.137+/-0.047 χ^2/NDF : 862309.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 146.084+/-0.033 χ^2/NDF : 1799372.1/27

asym_sam3_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 406.618+/-723.749 χ^2/NDF : 15.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1812.725+/-659.670 χ^2/NDF : 10.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

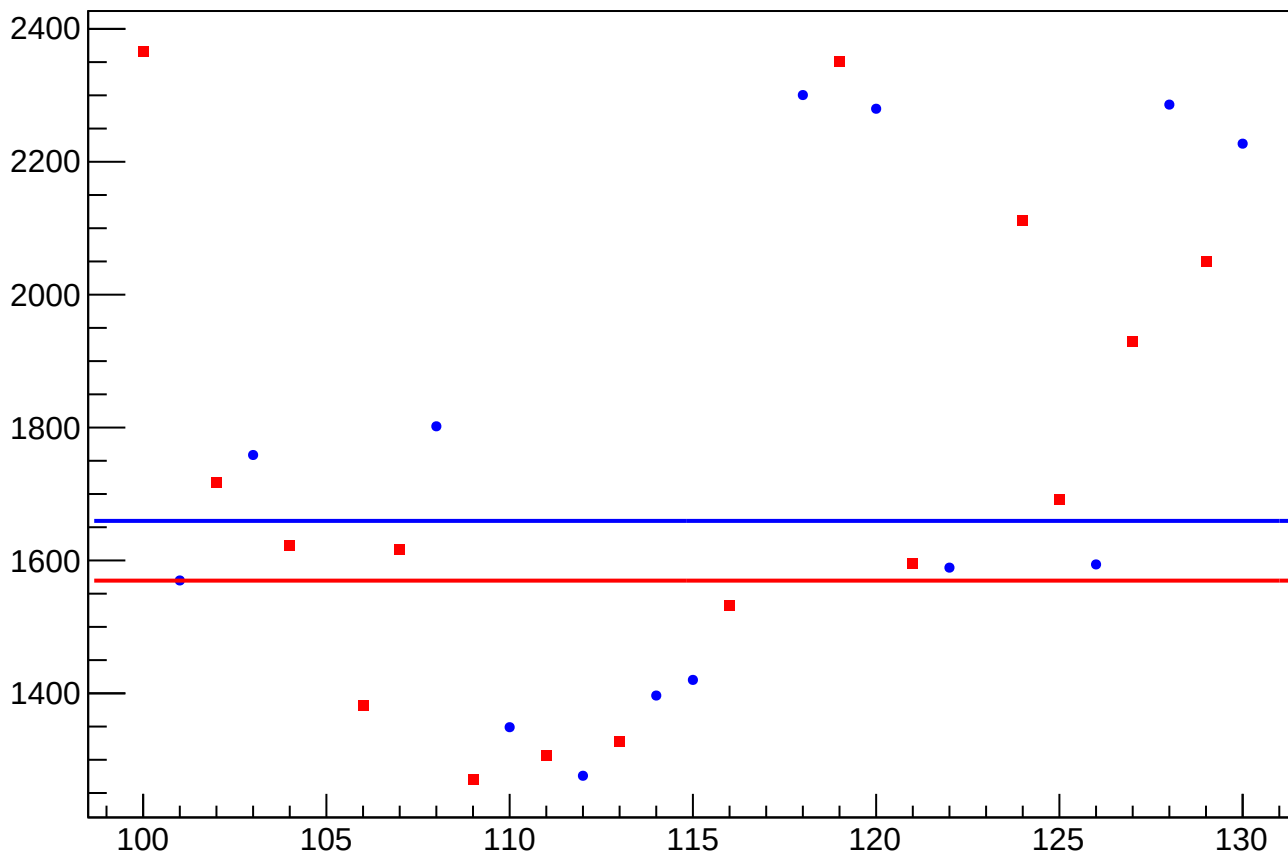
Right: 1174.663+/-487.540 χ^2/NDF : 27.8/27

In: 406.618+/-723.749 χ^2/NDF : 15.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1174.663+/-487.540 χ^2/NDF : 27.8/27

asym_sam3_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1659.528+/-0.512 χ^2/NDF : 435226.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1569.635+/-0.466 χ^2/NDF : 397146.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

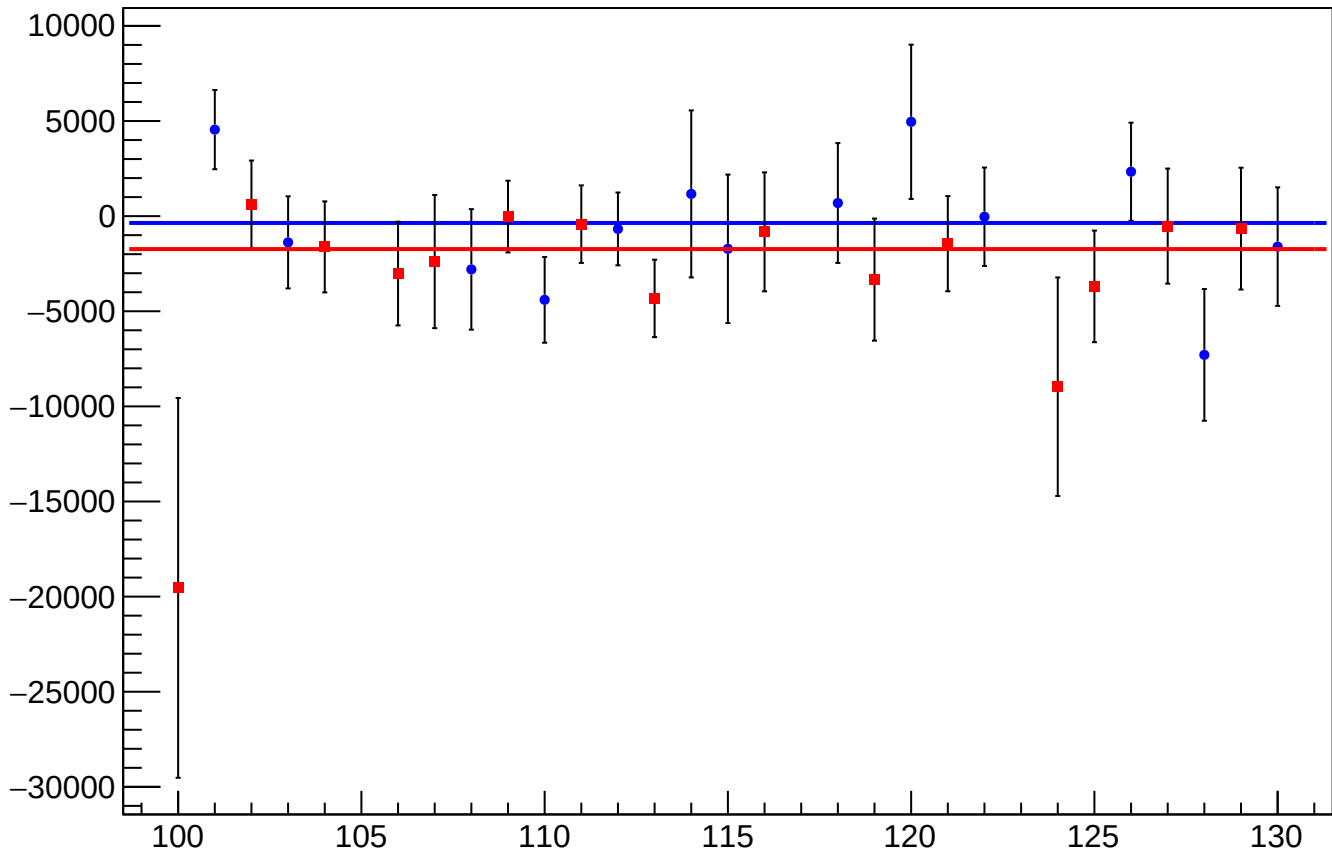
Right: 1610.427+/-0.345 χ^2/NDF : 849225.6/27

In: 1659.528+/-0.512 χ^2/NDF : 435226.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1610.427+/-0.345 χ^2/NDF : 849225.6/27

asym_sam3_mean vs Slug, Sign Corrected



Right In: -358.274 ± 758.894 χ^2/NDF : 16.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1731.709 ± 695.920 χ^2/NDF : 10.0/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

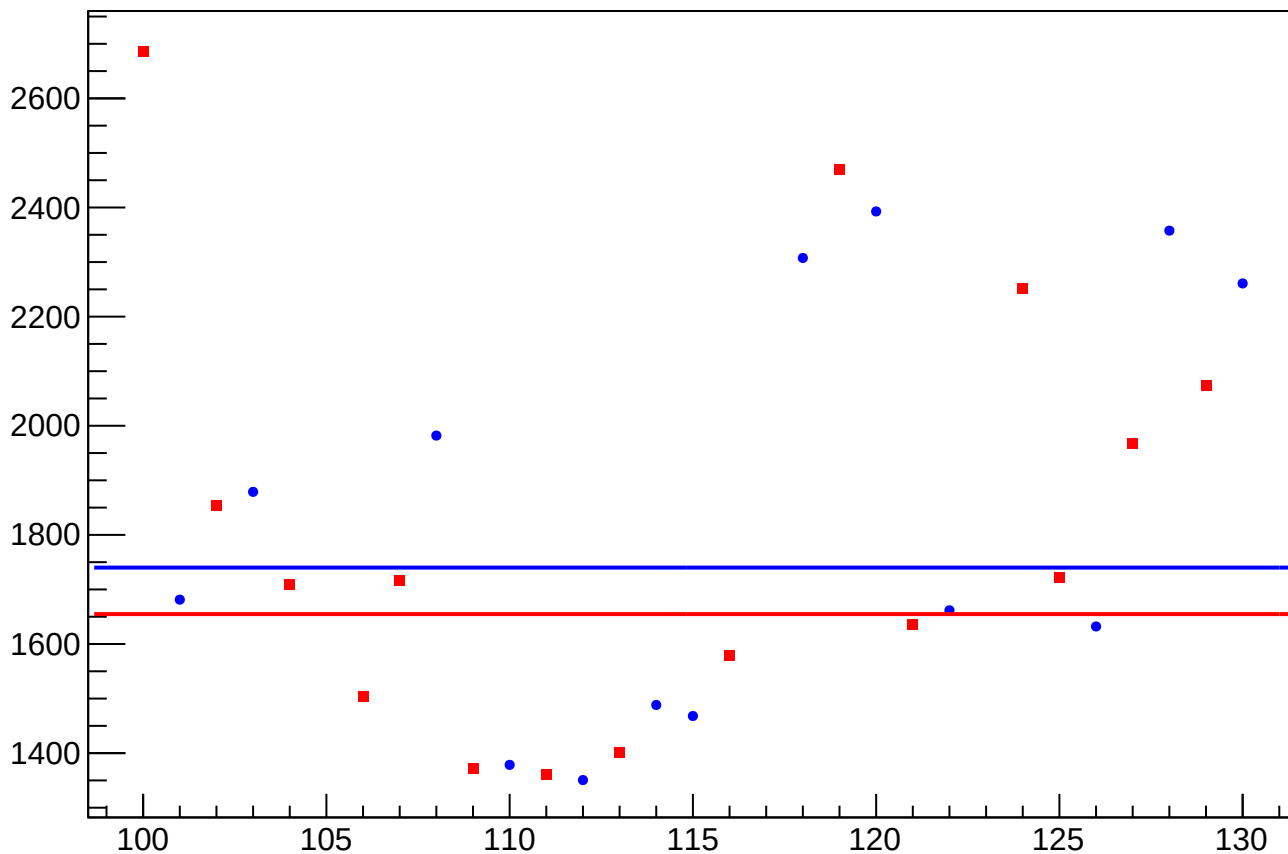
Right: -1104.332 ± 512.910 χ^2/NDF : 28.7/27

In: -358.274 ± 758.894 χ^2/NDF : 16.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1104.332 ± 512.910 χ^2/NDF : 28.7/27

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1740.061+/-0.537 χ^2/NDF : 411938.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1654.823+/-0.492 χ^2/NDF : 370245.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

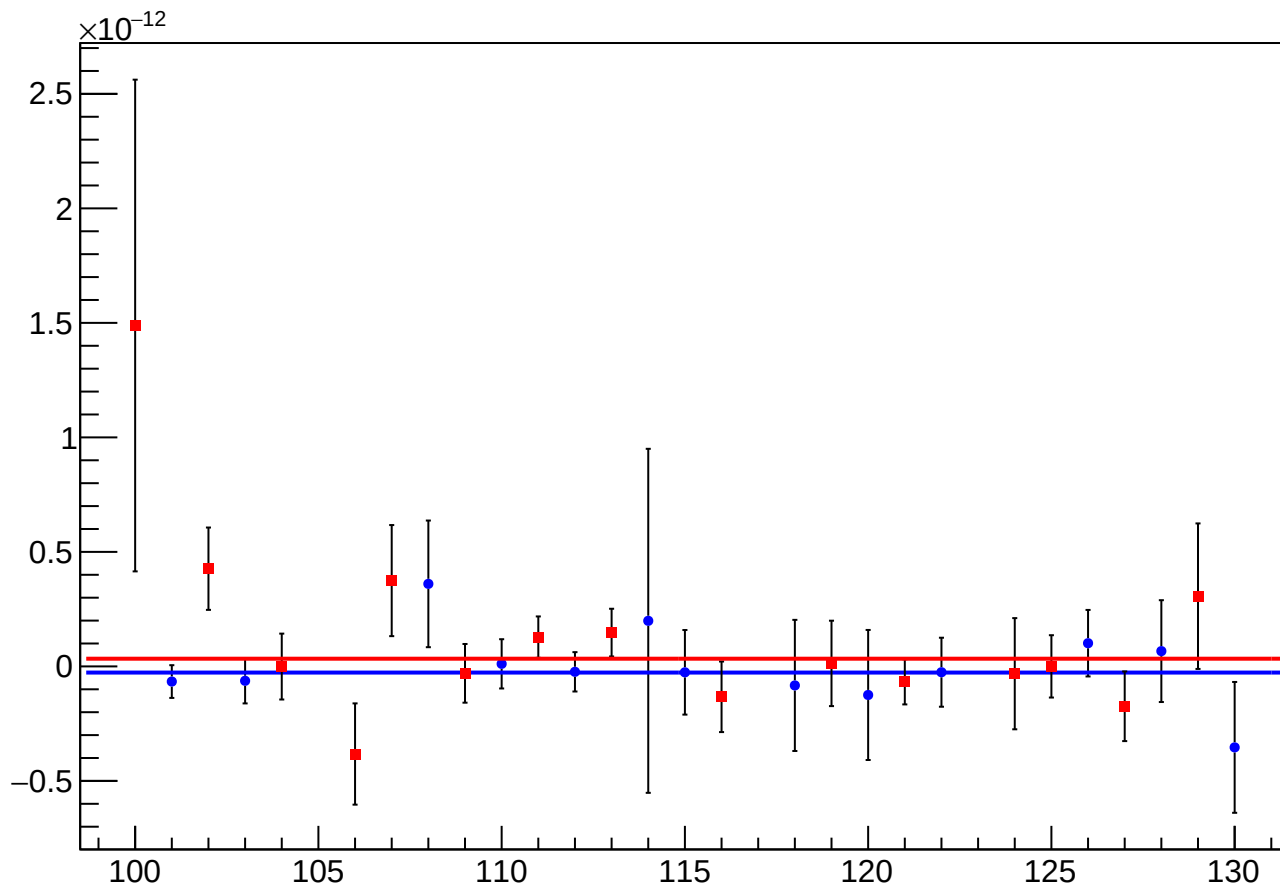
Right: 1693.759+/-0.363 χ^2/NDF : 795889.4/27

In: 1740.061+/-0.537 χ^2/NDF : 411938.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1693.759+/-0.363 χ^2/NDF : 795889.4/27

asym_sam3_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 19.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

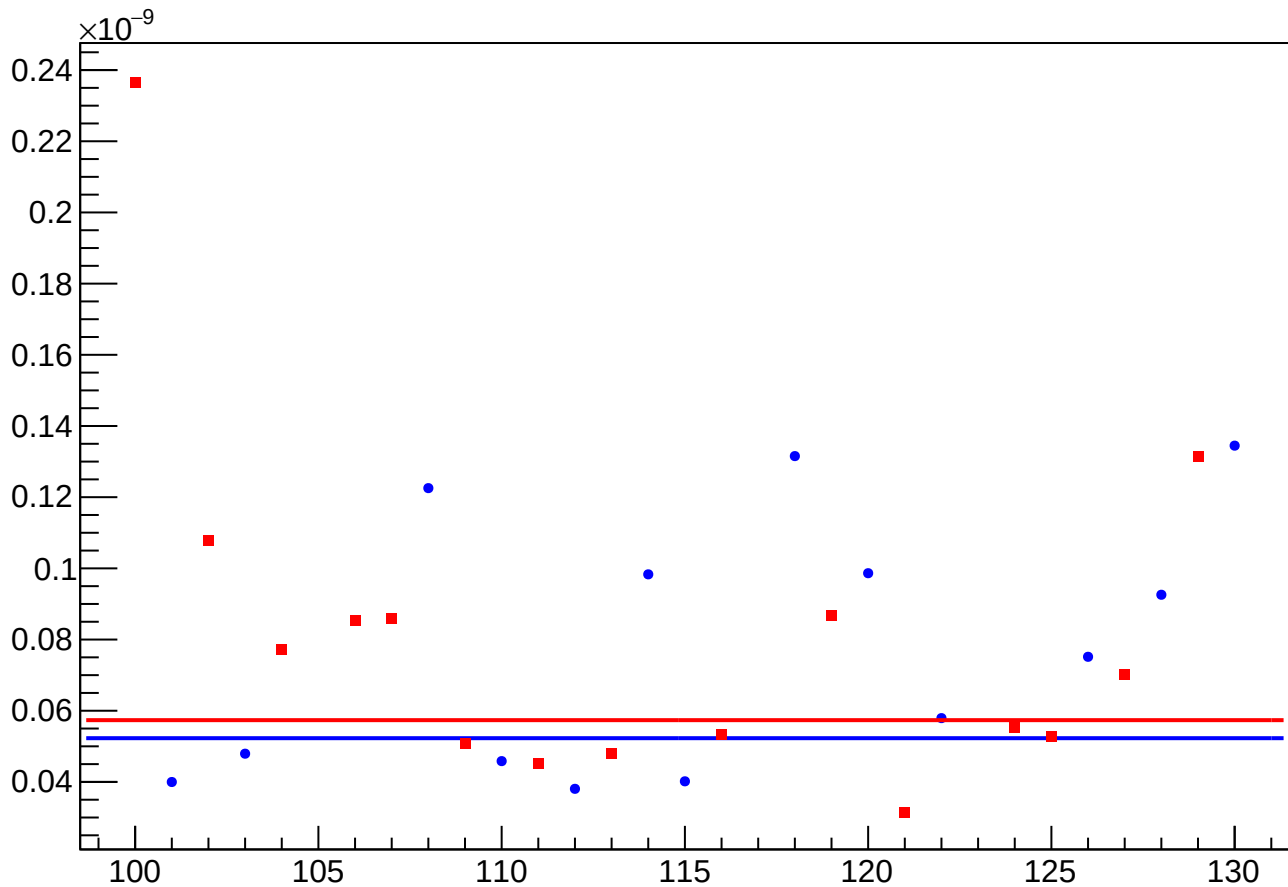
Right: 0.000+/-0.000 χ^2/NDF : 26.0/27

In: -0.000+/-0.000 χ^2/NDF :5.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.0/27

asym_sam3_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 760739.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 683659.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

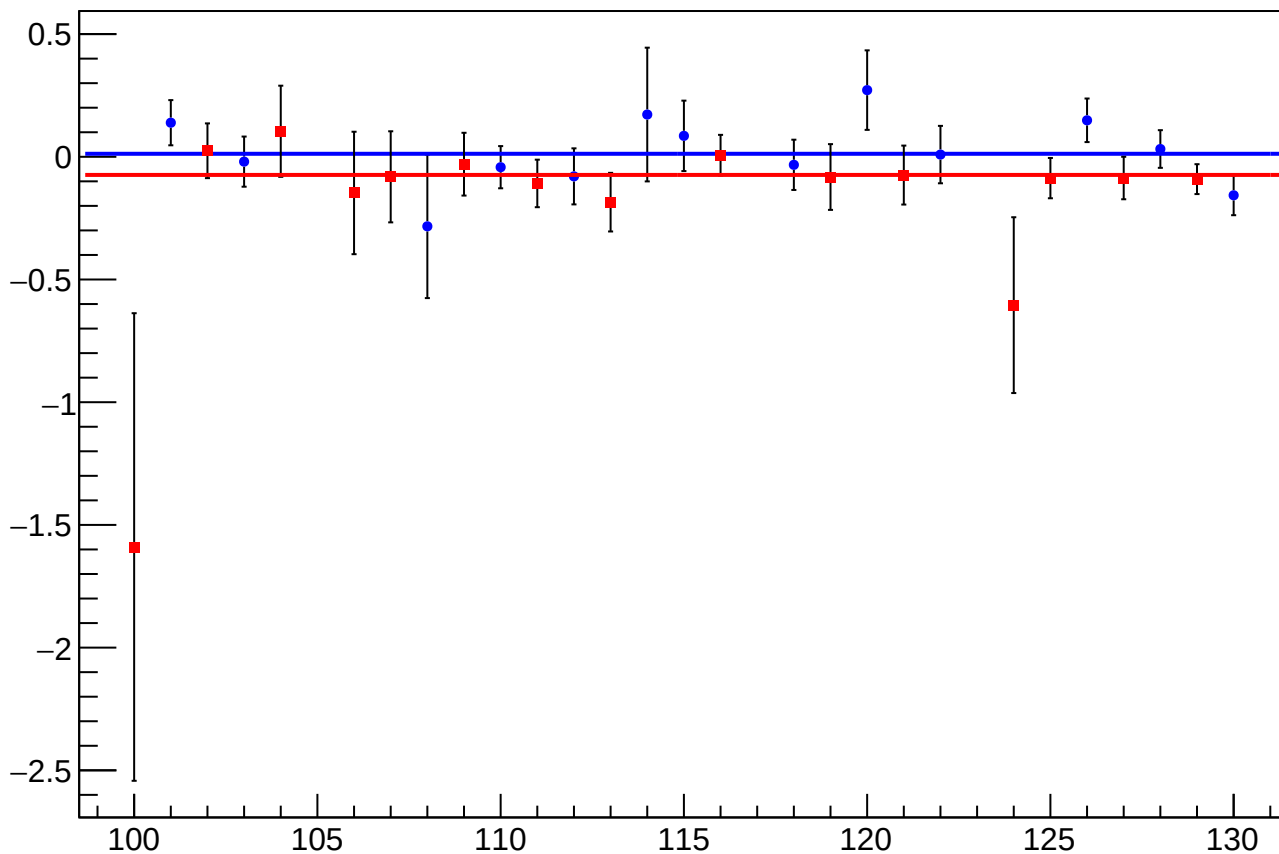
Right: 0.000+/-0.000 χ^2/NDF : 1462406.1/27

In: 0.000+/-0.000 χ^2/NDF : 760739.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1462406.1/27

asym_sam3_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012+/-0.029 χ^2/NDF : 14.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.074+/-0.029 χ^2/NDF : 8.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

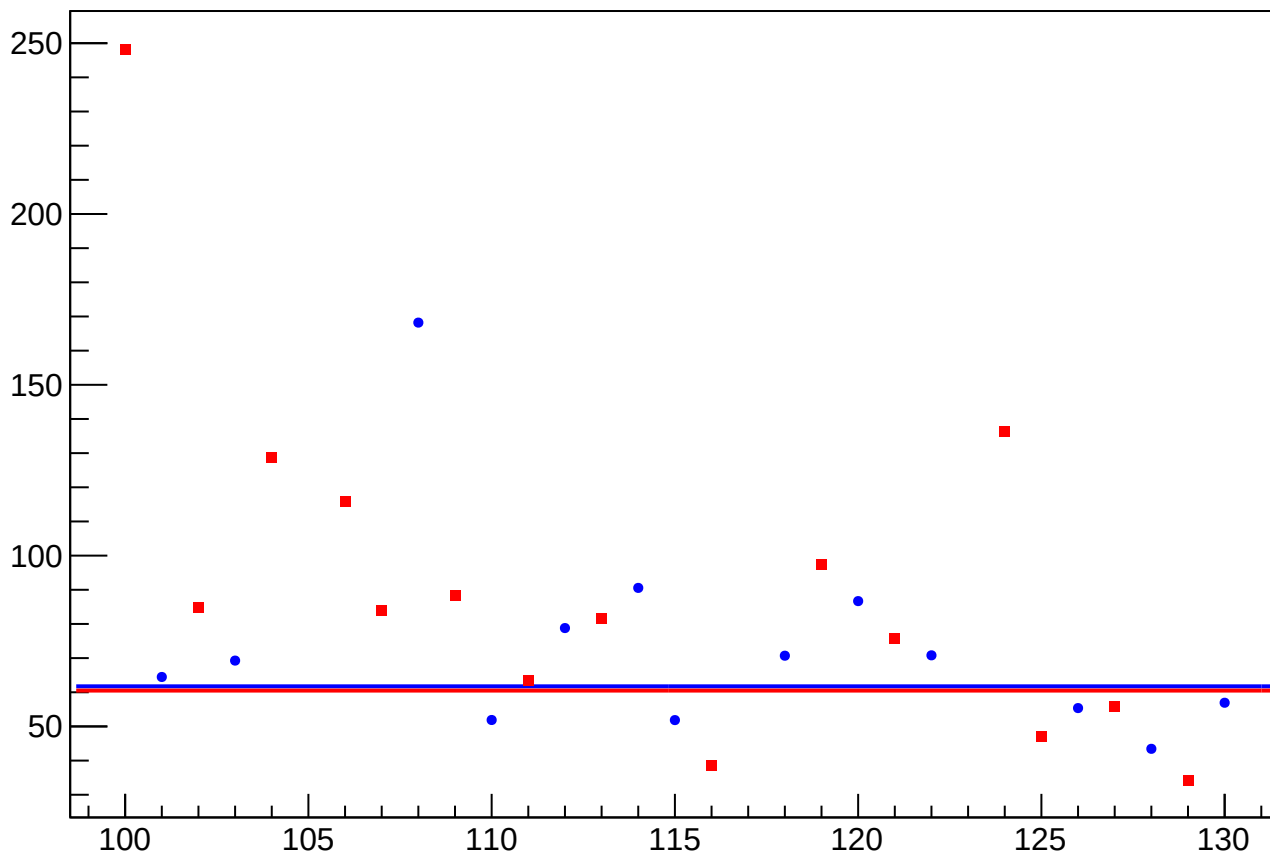
Right: -0.032+/-0.021 χ^2/NDF : 27.3/27

In: 0.012+/-0.029 χ^2/NDF : 14.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.032+/-0.021 χ^2/NDF : 27.3/27

asym_sam3_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.737+/-0.021 χ^2/NDF : 586087.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.496+/-0.020 χ^2/NDF : 1579478.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

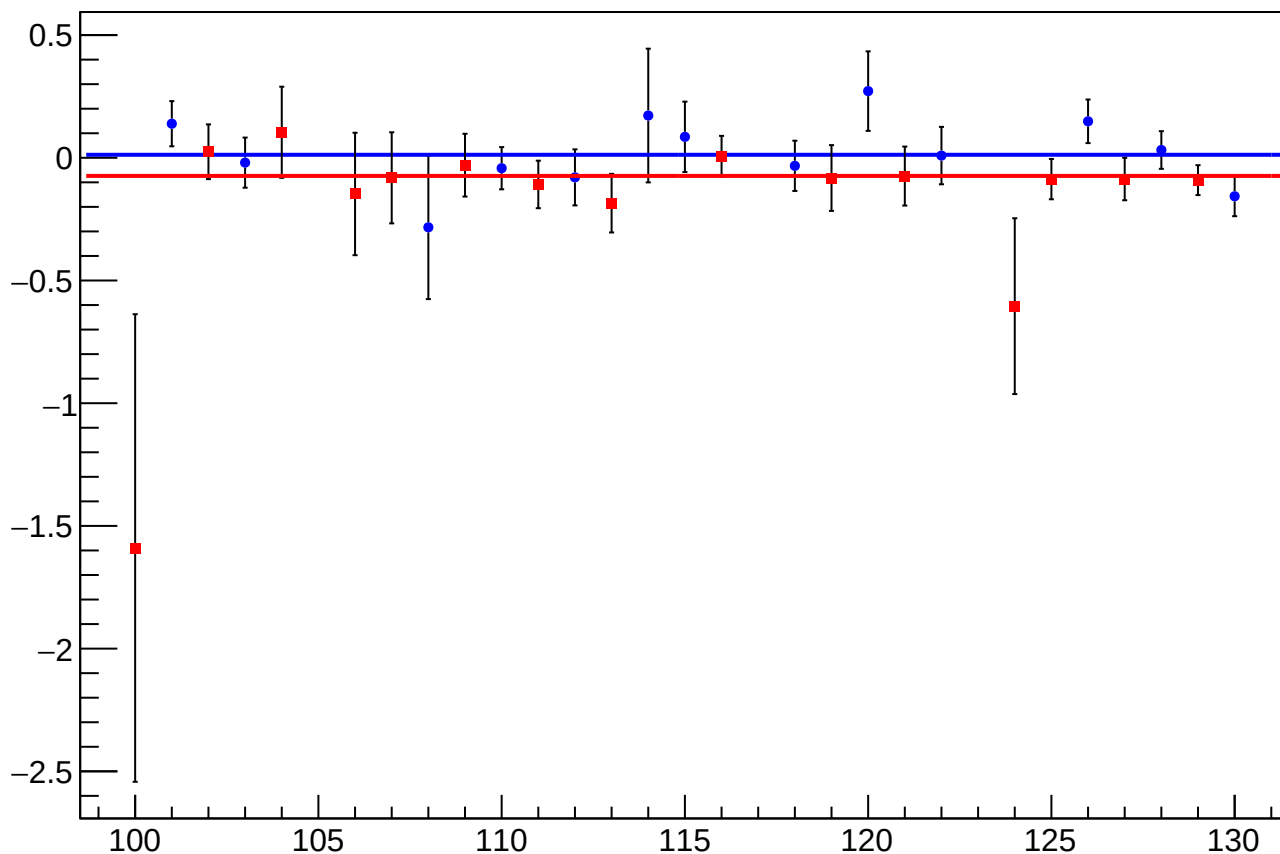
Right: 61.098+/-0.015 χ^2/NDF : 2167394.3/27

In: 61.737+/-0.021 χ^2/NDF : 586087.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.098+/-0.015 χ^2/NDF : 2167394.3/27

asym_sam3_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.029 χ^2 /NDF: 14.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.074 $\pm$ 0.029 χ^2 /NDF: 8.7/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

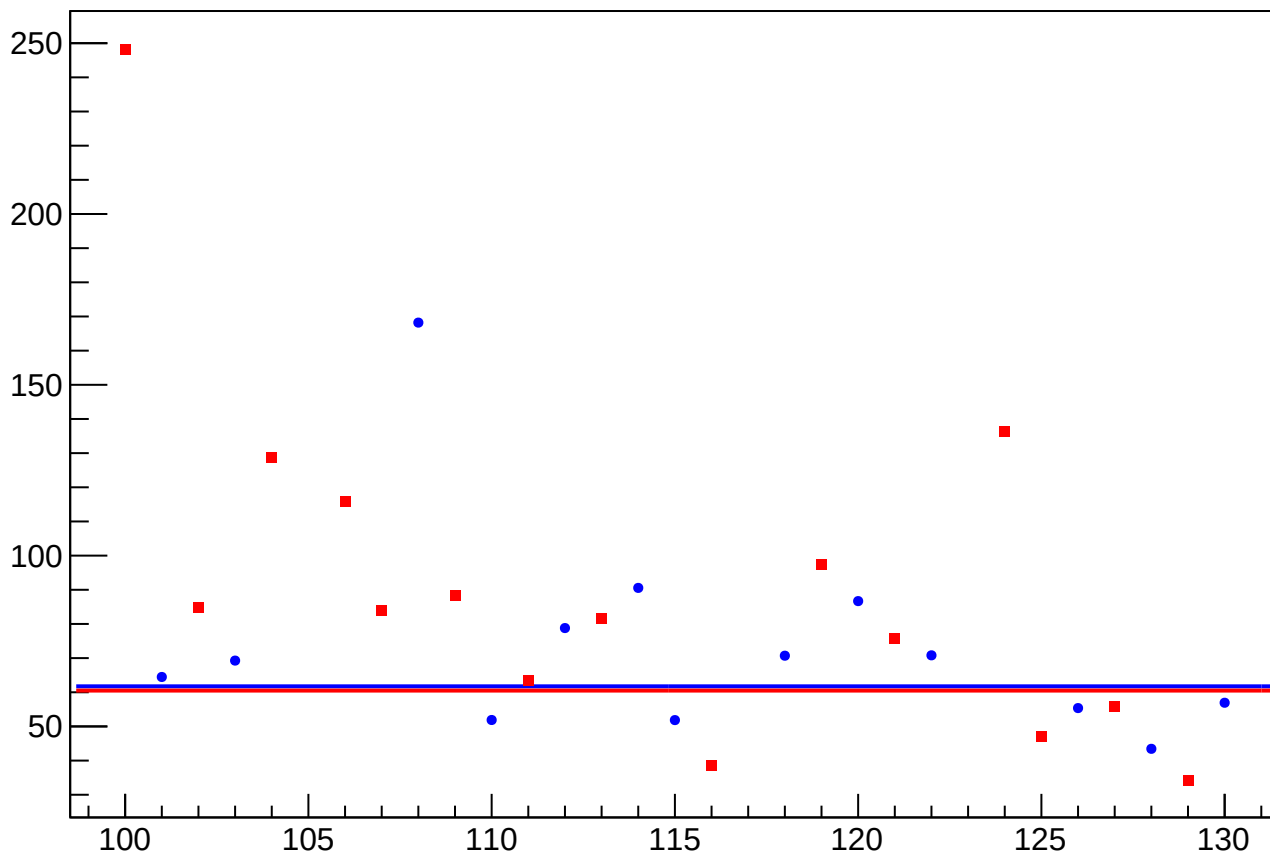
Right: -0.032 $\pm$ 0.021 χ^2 /NDF: 27.3/27

In: 0.012 $\pm$ 0.029 χ^2 /NDF:14.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.032 $\pm$ 0.021 χ^2 /NDF: 27.3/27

asym_sam3_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.737+/-0.021 χ^2/NDF : 586087.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 60.496+/-0.020 χ^2/NDF : 1579478.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

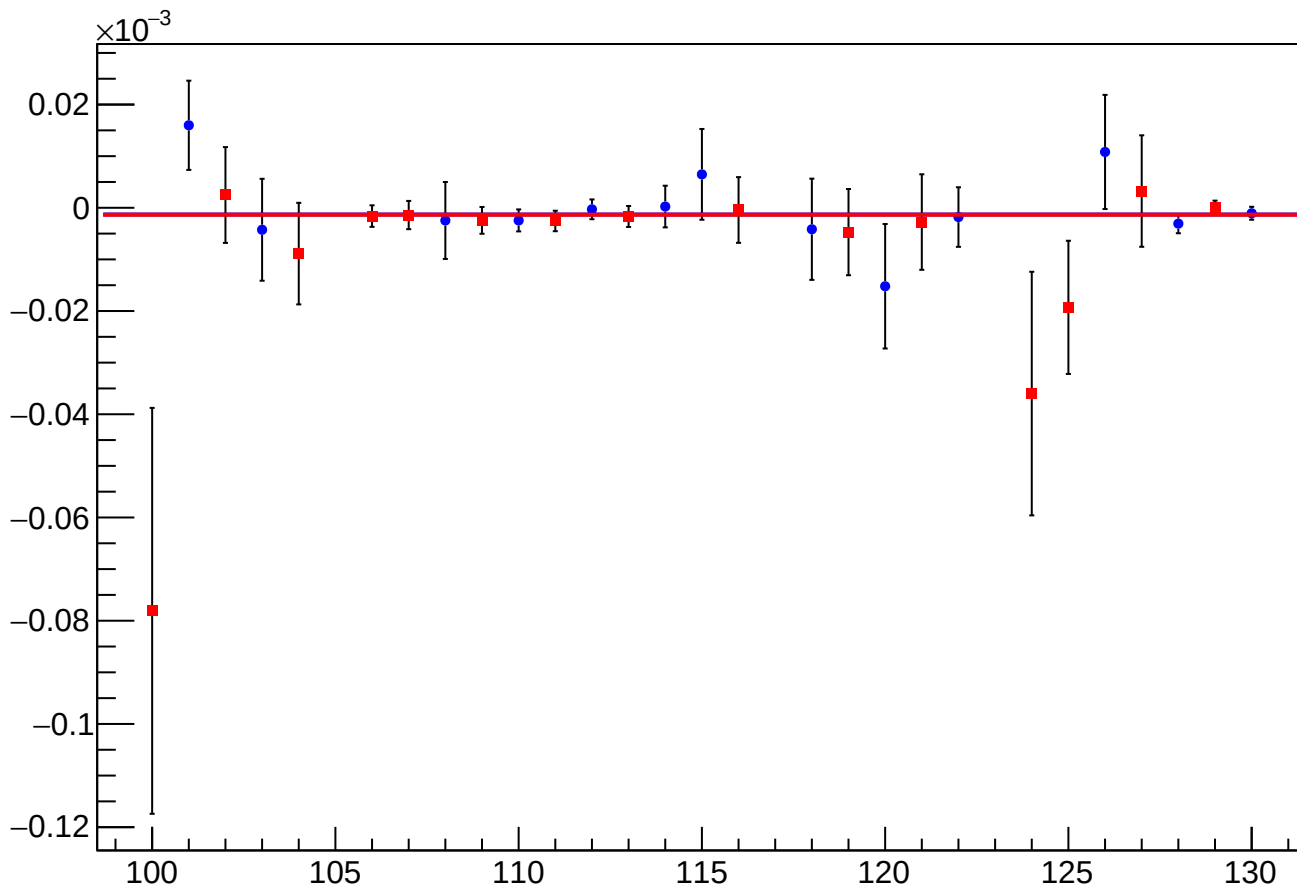
Right: 61.098+/-0.015 χ^2/NDF : 2167394.3/27

In: 61.737+/-0.021 χ^2/NDF :586087.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 61.098+/-0.015 χ^2/NDF : 2167394.3/27

asym_sam3_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

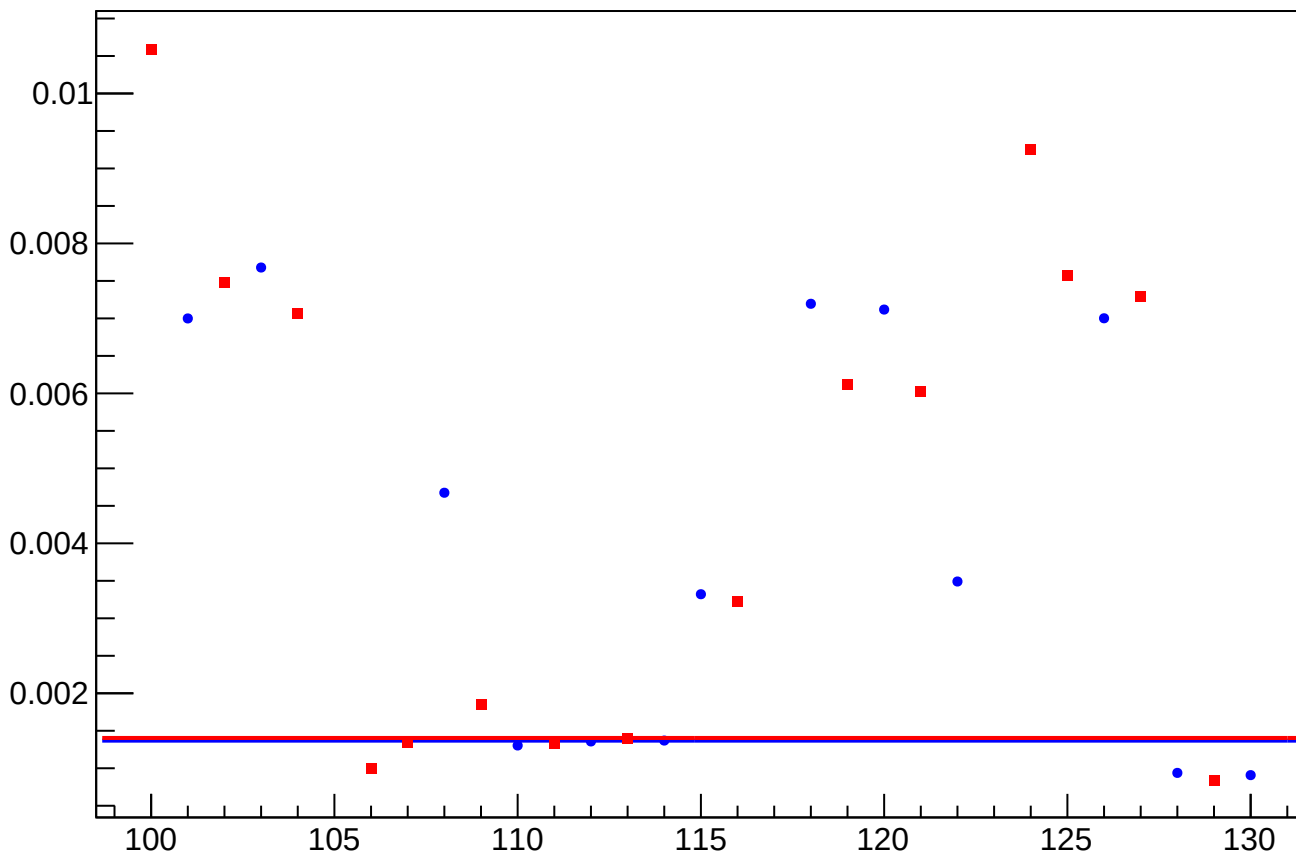
Right: -0.000+/-0.000 χ^2/NDF : 20.1/27

In: -0.000+/-0.000 χ^2/NDF : 9.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.1/27

asym_sam3_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 4488265.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4734531.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

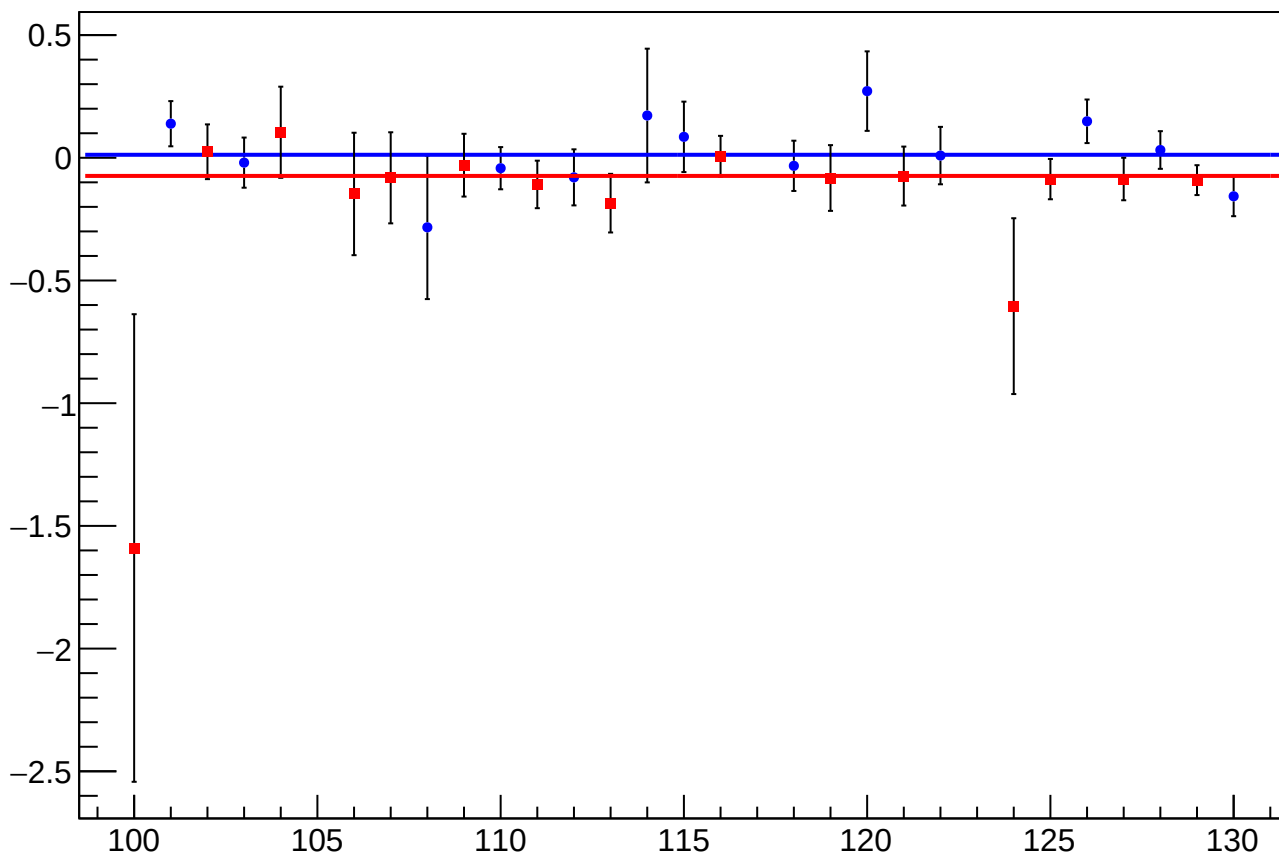
Right: 0.001+/-0.000 χ^2/NDF : 9224908.8/27

In: 0.001+/-0.000 χ^2/NDF :4488265.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 9224908.8/27

asym_sam3_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.029 χ^2 /NDF: 14.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.074 $\pm$ 0.029 χ^2 /NDF: 8.7/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

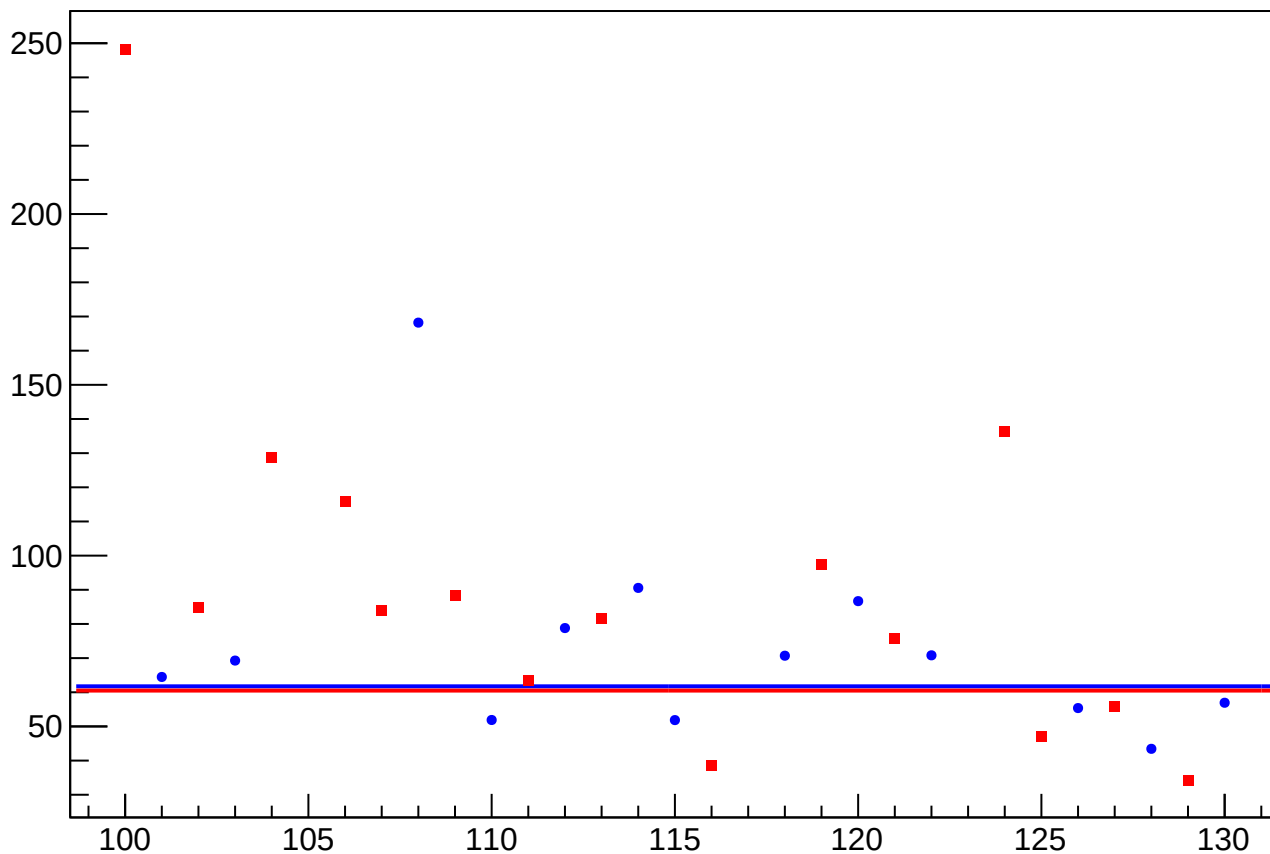
Right: -0.032 $\pm$ 0.021 χ^2 /NDF: 27.3/27

In: 0.012 $\pm$ 0.029 χ^2 /NDF:14.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.032 $\pm$ 0.021 χ^2 /NDF: 27.3/27

asym_sam3_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.739+/-0.021 χ^2/NDF : 586100.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.497+/-0.020 χ^2/NDF : 1579532.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

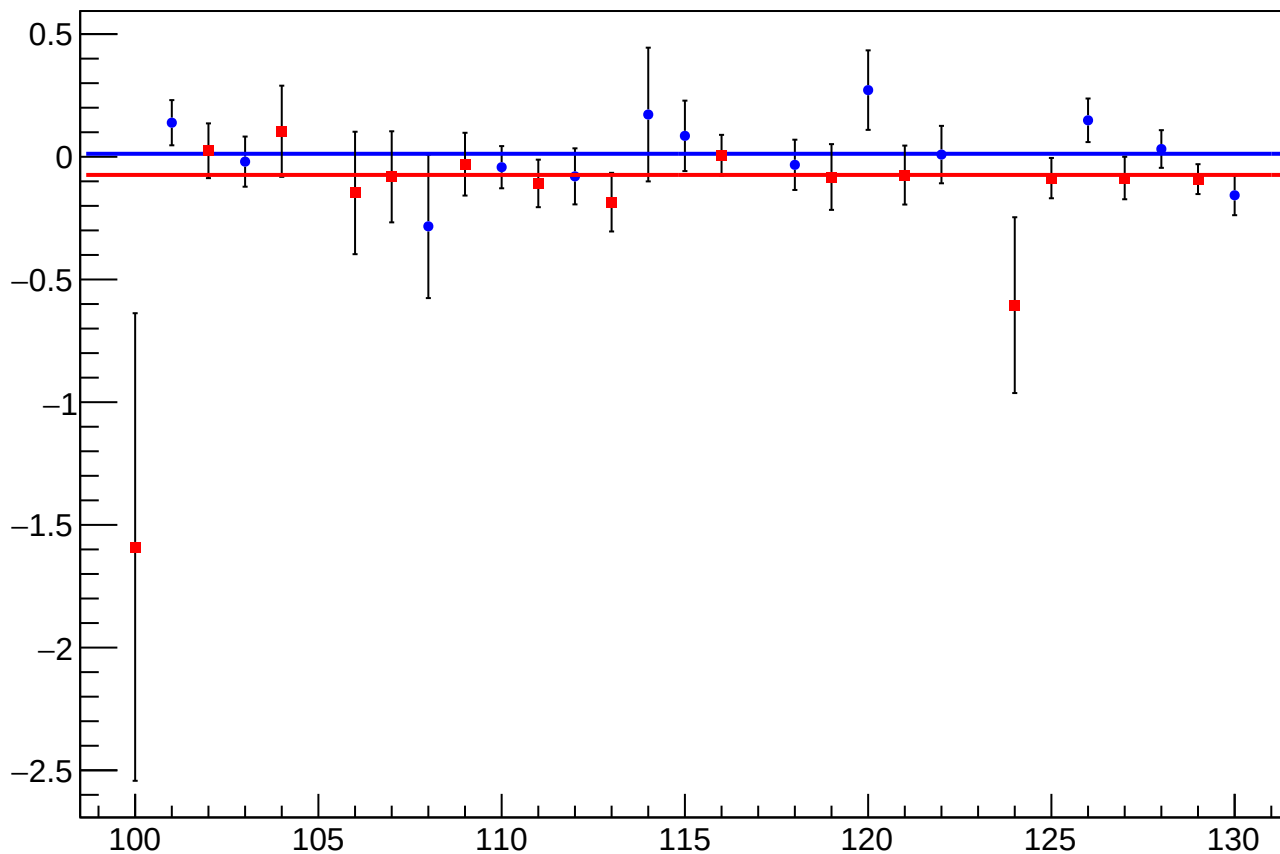
Right: 61.100+/-0.015 χ^2/NDF : 2167463.0/27

In: 61.739+/-0.021 χ^2/NDF : 586100.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.100+/-0.015 χ^2/NDF : 2167463.0/27

asym_sam3_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.029 χ^2 /NDF: 14.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.074 $\pm$ 0.029 χ^2 /NDF: 8.7/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

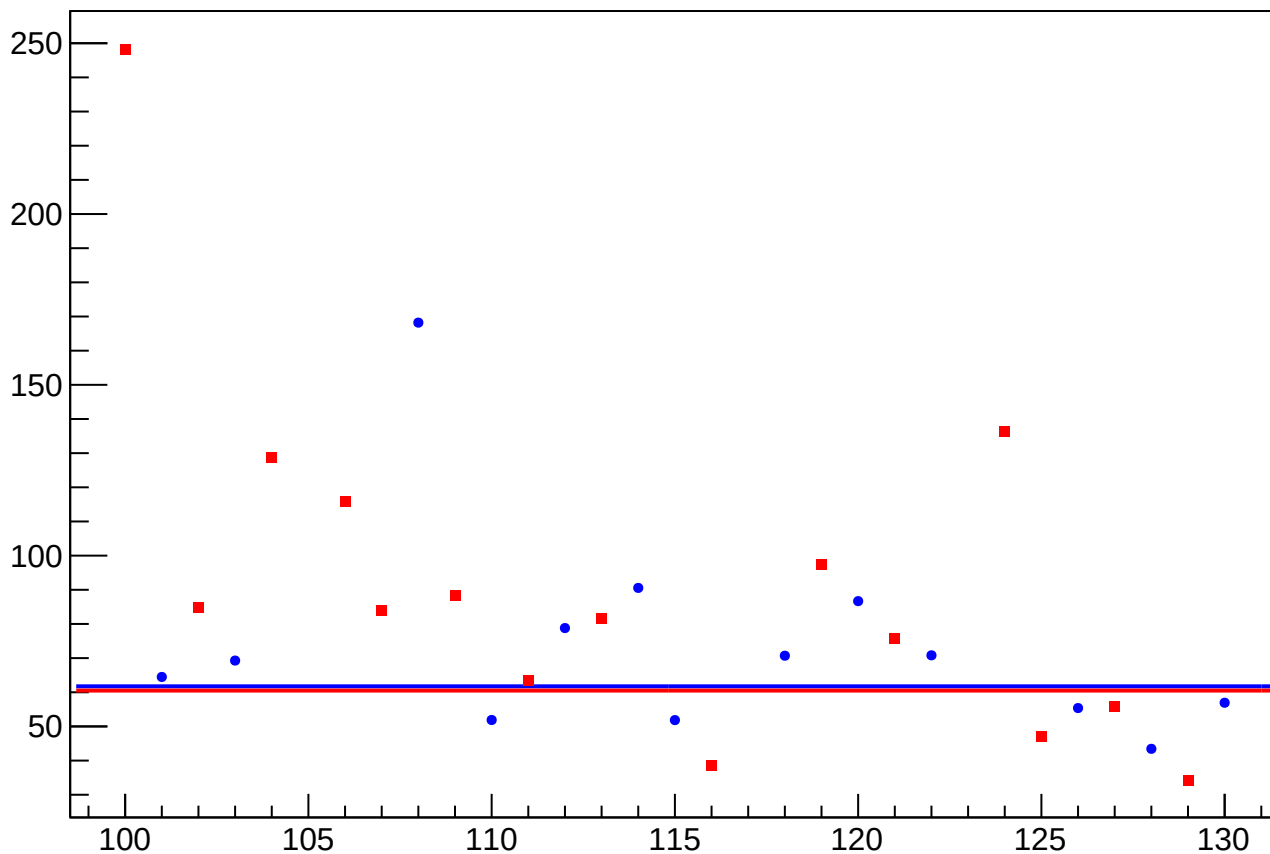
Right: -0.032 $\pm$ 0.021 χ^2 /NDF: 27.3/27

In: 0.012 $\pm$ 0.029 χ^2 /NDF:14.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.032 $\pm$ 0.021 χ^2 /NDF: 27.3/27

asym_sam3_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.739+/-0.021 χ^2/NDF : 586100.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.497+/-0.020 χ^2/NDF : 1579532.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

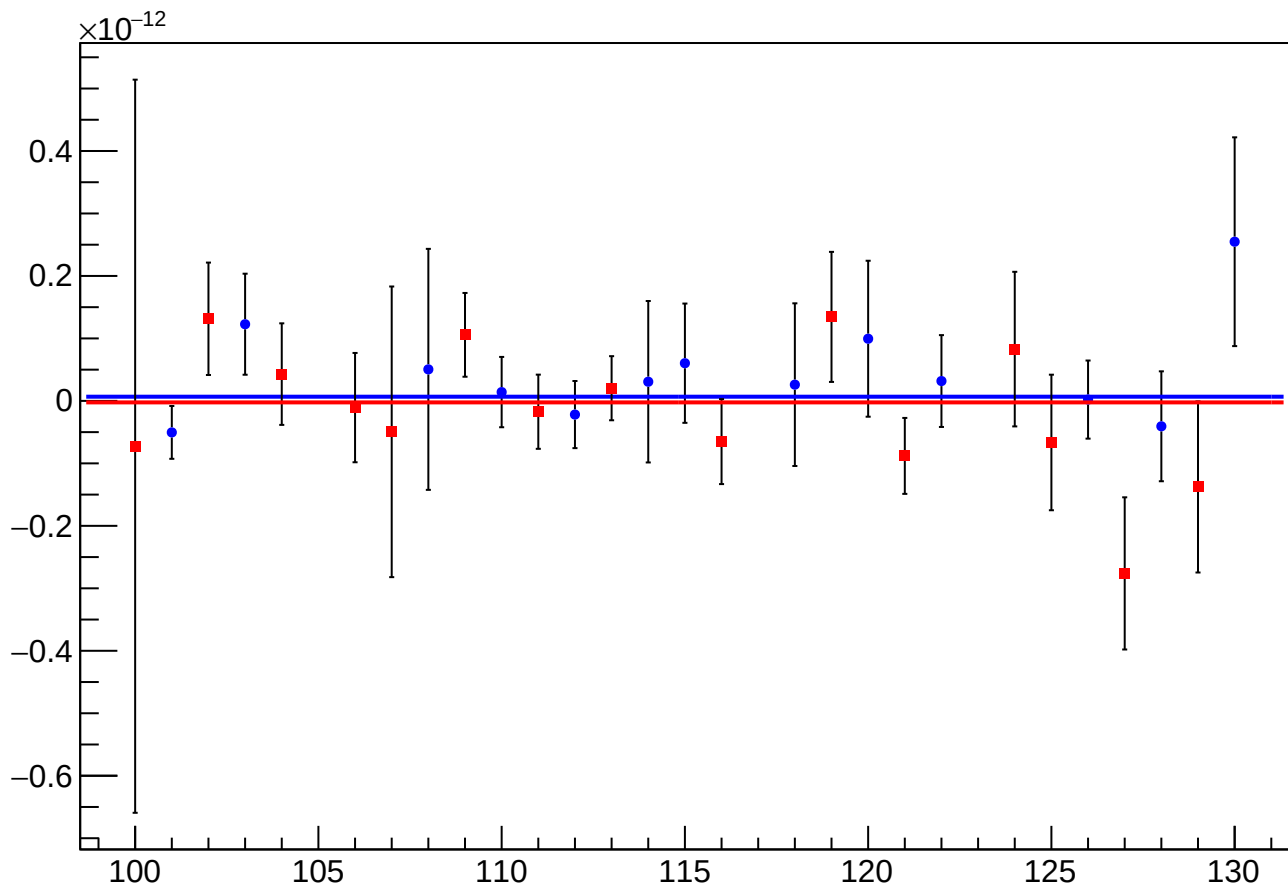
Right: 61.100+/-0.015 χ^2/NDF : 2167463.0/27

In: 61.739+/-0.021 χ^2/NDF : 586100.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.100+/-0.015 χ^2/NDF : 2167463.0/27

asym_sam3_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

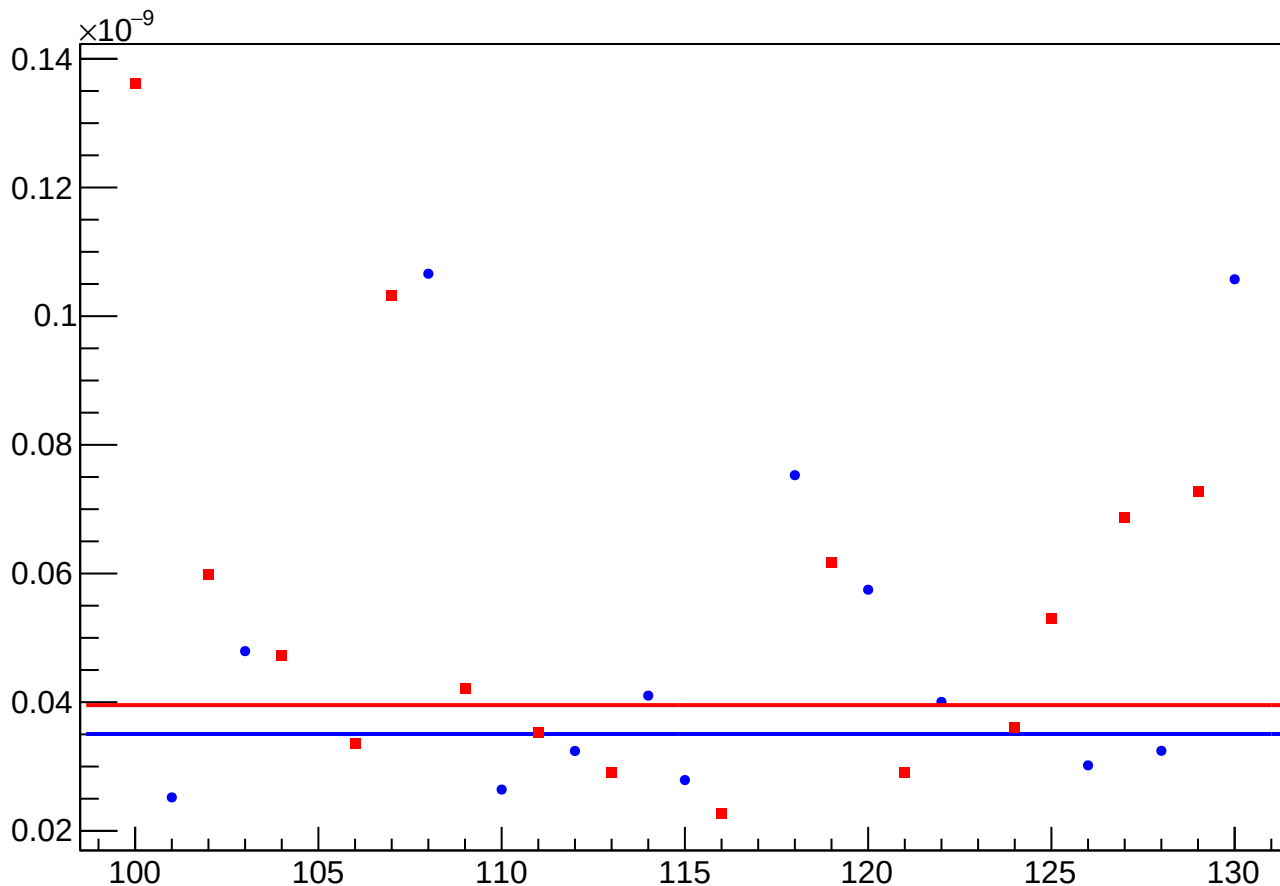
Right: 0.000+/-0.000 χ^2/NDF : 24.7/27

In: 0.000+/-0.000 χ^2/NDF : 7.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.7/27

asym_sam3_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1138551.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 966363.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

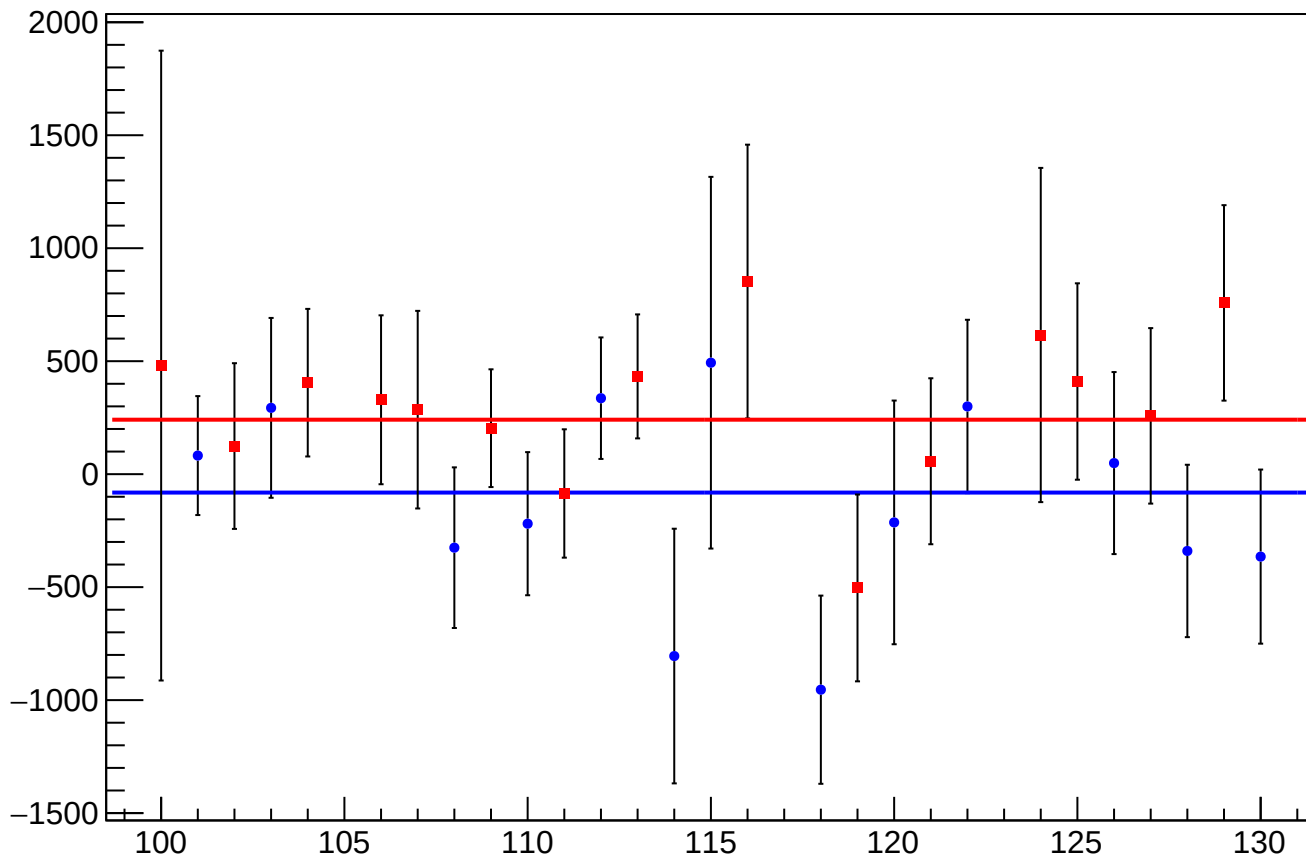
Right: 0.000+/-0.000 χ^2/NDF : 2149873.2/27

In: 0.000+/-0.000 χ^2/NDF : 1138551.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2149873.2/27

reg_asym_sam4_mean vs Slug, Sign Corrected



Right In: -81.476+/-103.769 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 241.052+/-97.490 χ^2/NDF : 8.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

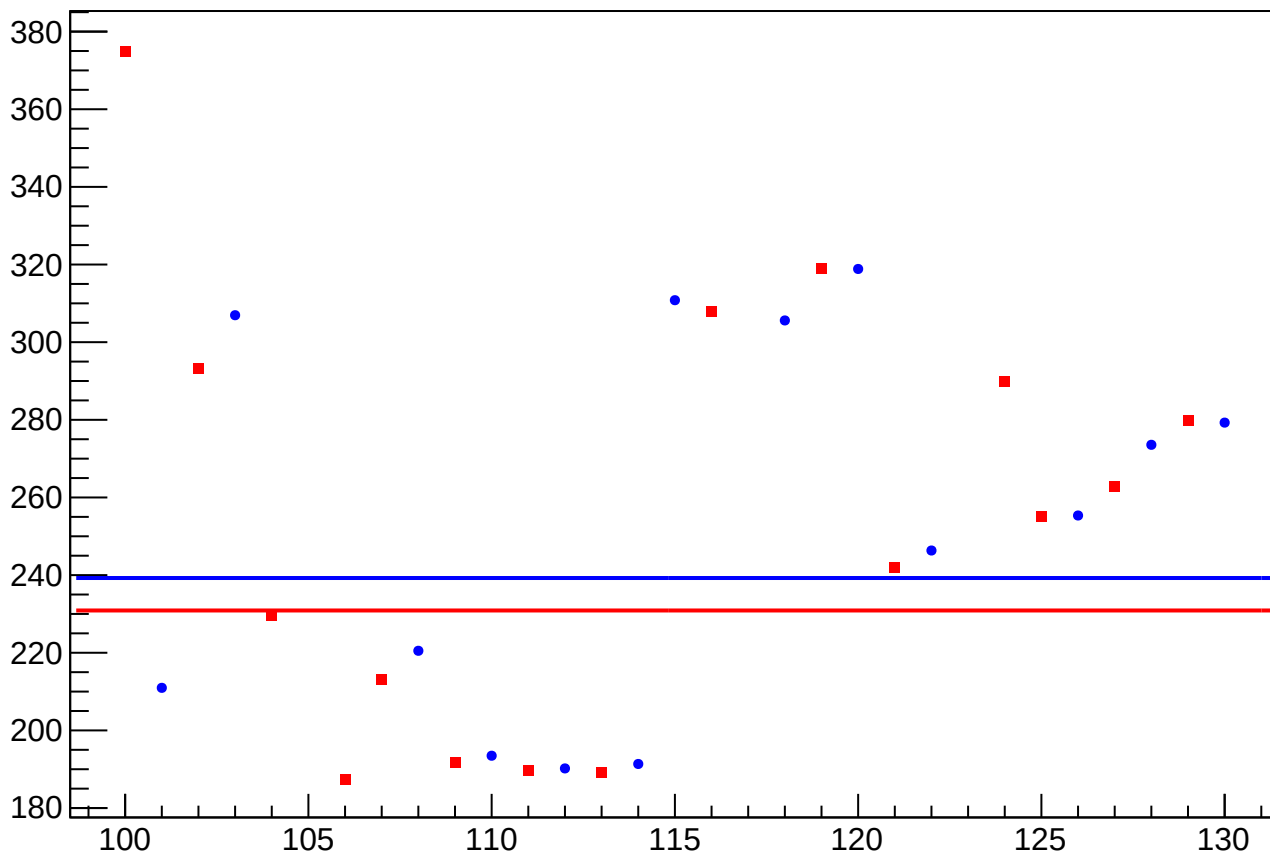
Right: 89.840+/-71.052 χ^2/NDF : 26.8/27

In: -81.476+/-103.769 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.840+/-71.052 χ^2/NDF : 26.8/27

reg_asym_sam4_rms vs Slug, Sign Corrected



Right In: 239.255+/-0.073 χ^2/NDF : 360435.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 230.892+/-0.069 χ^2/NDF : 426046.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

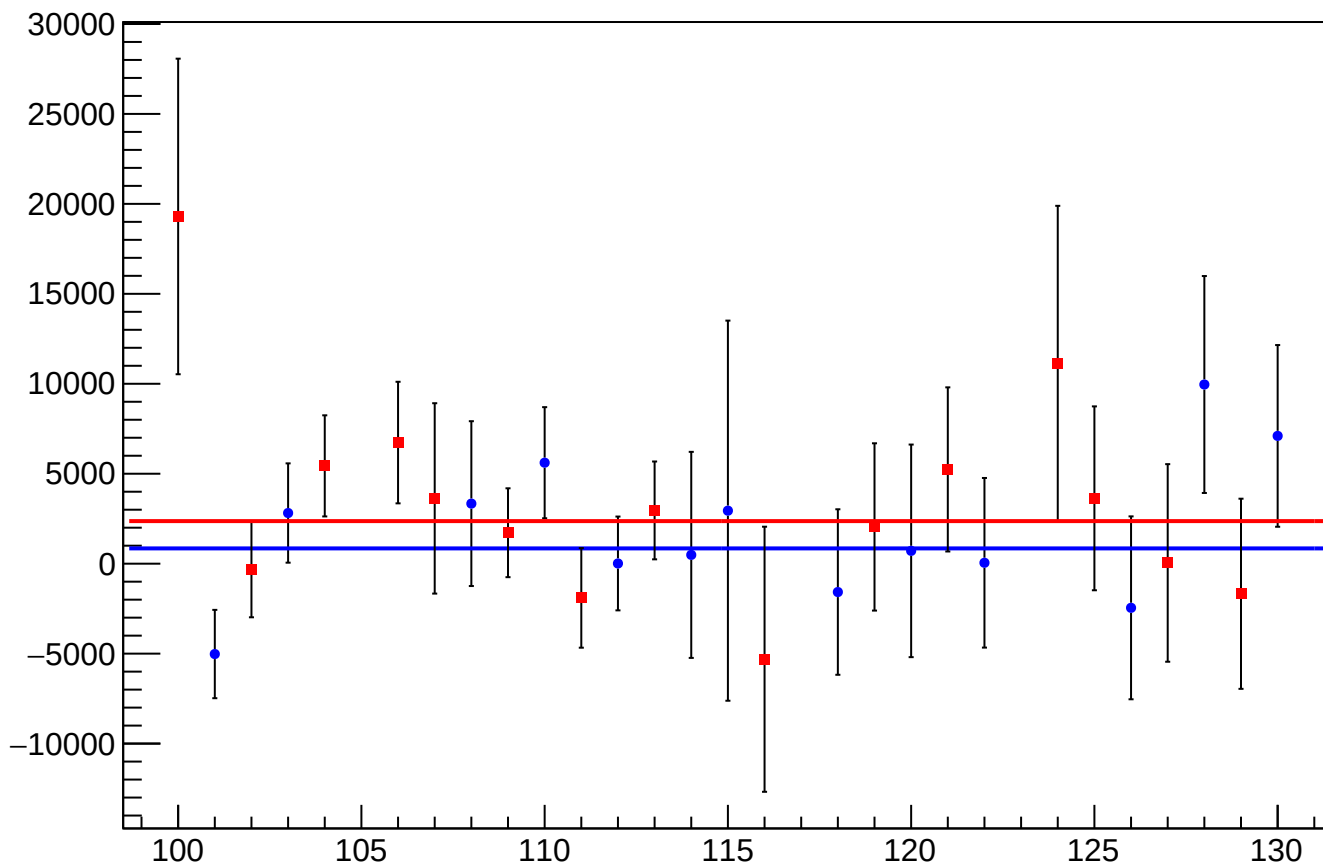
Right: 234.813+/-0.050 χ^2/NDF : 793381.9/27

In: 239.255+/-0.073 χ^2/NDF : 360435.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 234.813+/-0.050 χ^2/NDF : 793381.9/27

asym_sam4_reg_correction_mean vs Slug, Sign Corrected



Right In: 849.065+/-1076.684 χ^2/NDF : 13.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2366.485+/-968.475 χ^2/NDF : 13.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

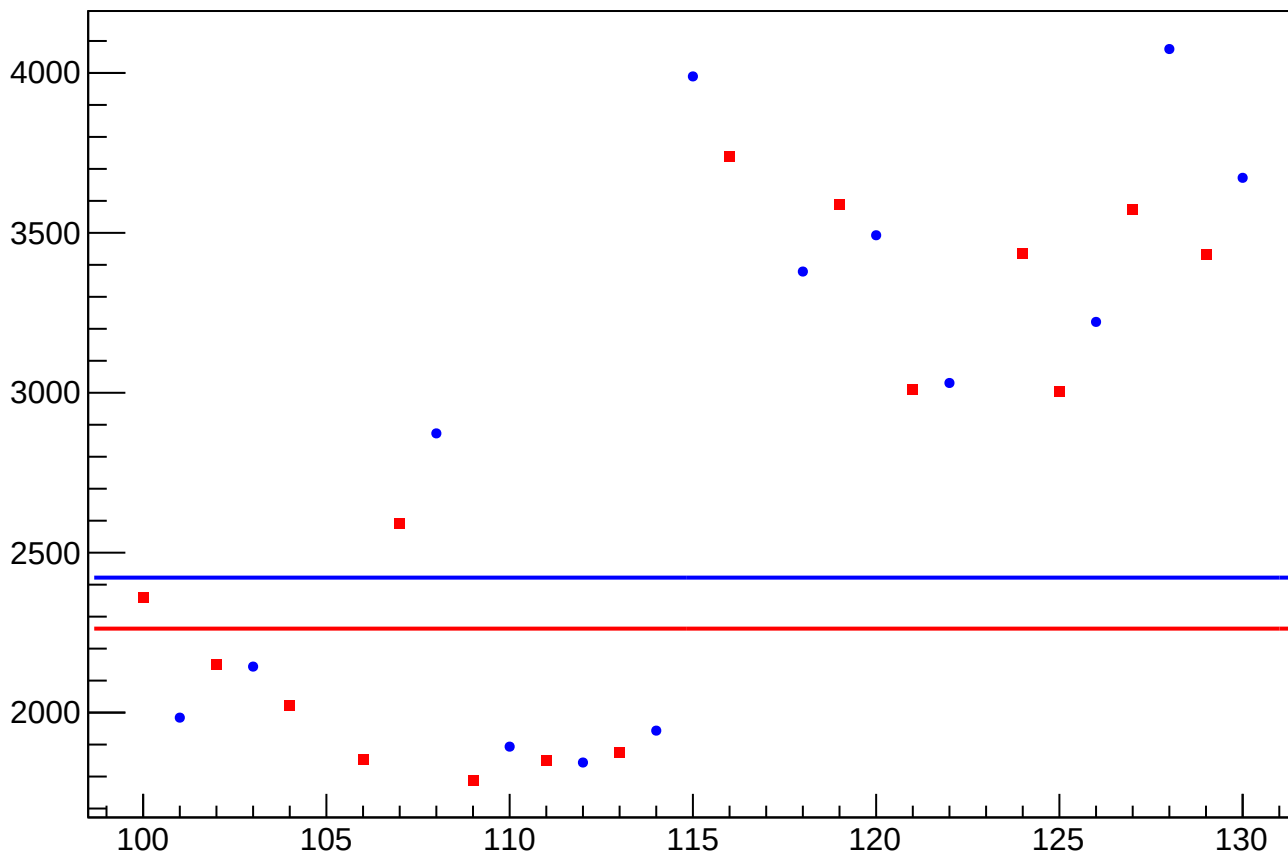
Right: 1687.837+/-720.042 χ^2/NDF : 28.2/27

In: 849.065+/-1076.684 χ^2/NDF : 13.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1687.837+/-720.042 χ^2/NDF : 28.2/27

asym_sam4_reg_correction_rms vs Slug, Sign Corrected



Right In: 2422.002+/-0.761 χ^2/NDF : 826115.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2262.532+/-0.685 χ^2/NDF : 800792.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

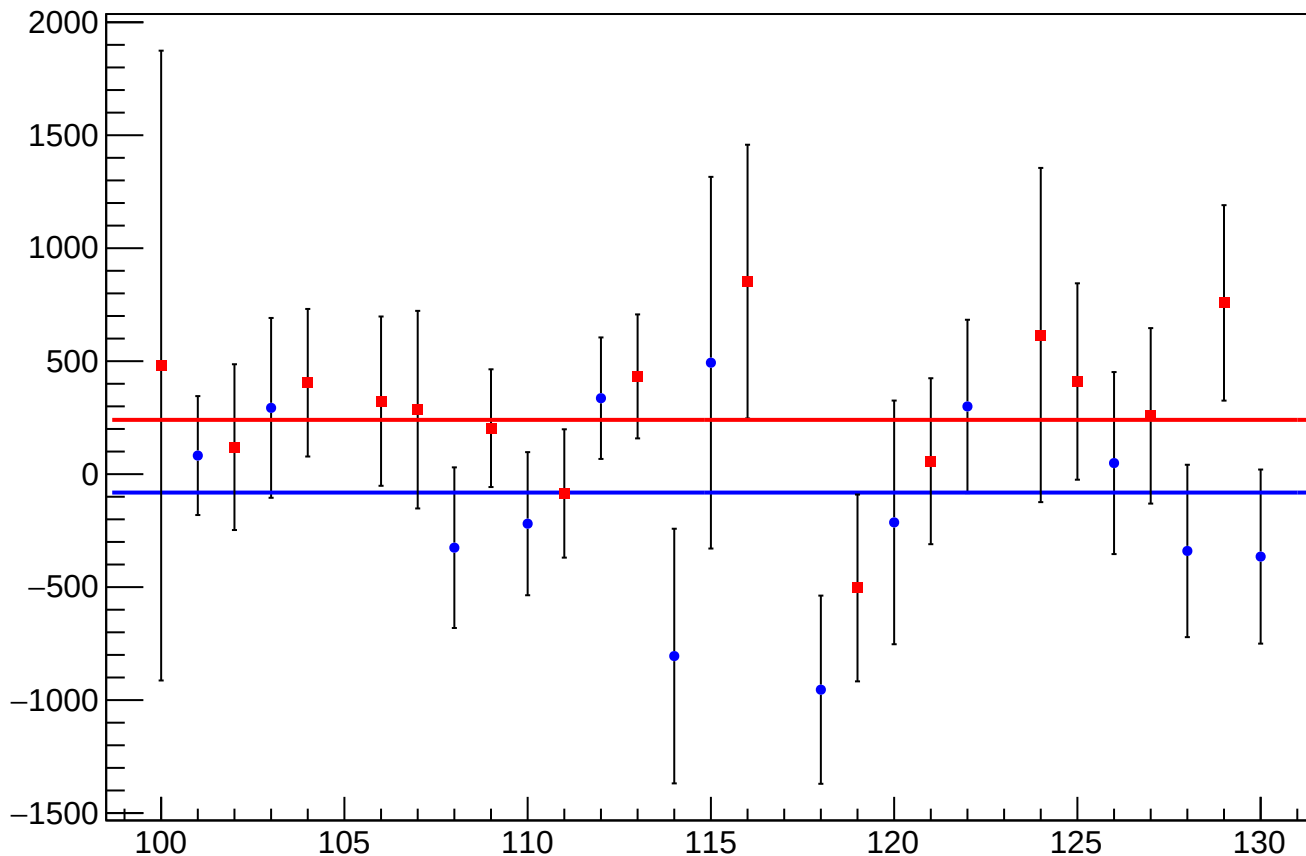
Right: 2333.853+/-0.509 χ^2/NDF : 1651160.7/27

In: 2422.002+/-0.761 χ^2/NDF : 826115.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2333.853+/-0.509 χ^2/NDF : 1651160.7/27

cor_asym_sam4_mean vs Slug, Sign Corrected



Right In: -81.510+/-103.769 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 240.246+/-97.509 χ^2/NDF : 8.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

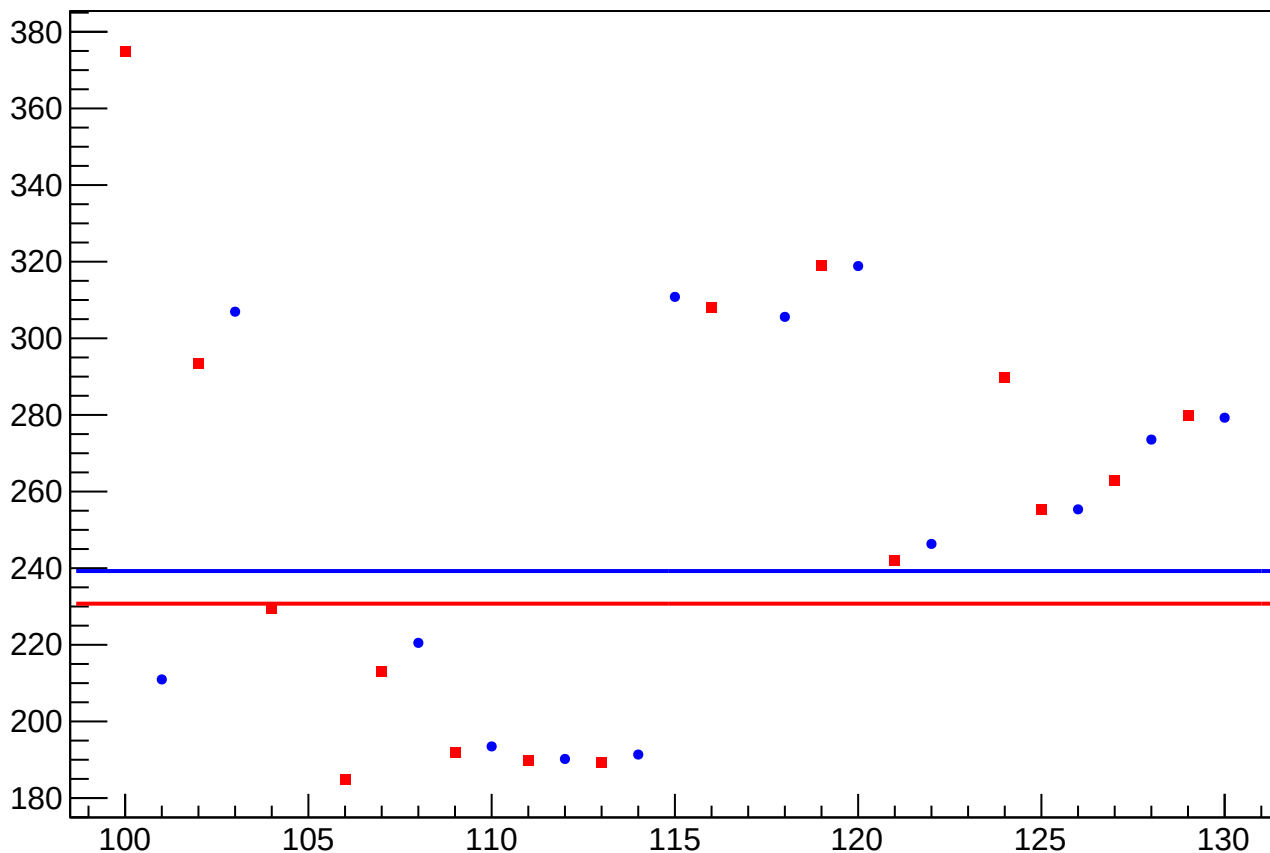
Right: 89.366+/-71.059 χ^2/NDF : 26.8/27

In: -81.510+/-103.769 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.366+/-71.059 χ^2/NDF : 26.8/27

cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 239.255+/-0.073 χ^2/NDF : 360437.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 230.740+/-0.069 χ^2/NDF : 429317.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

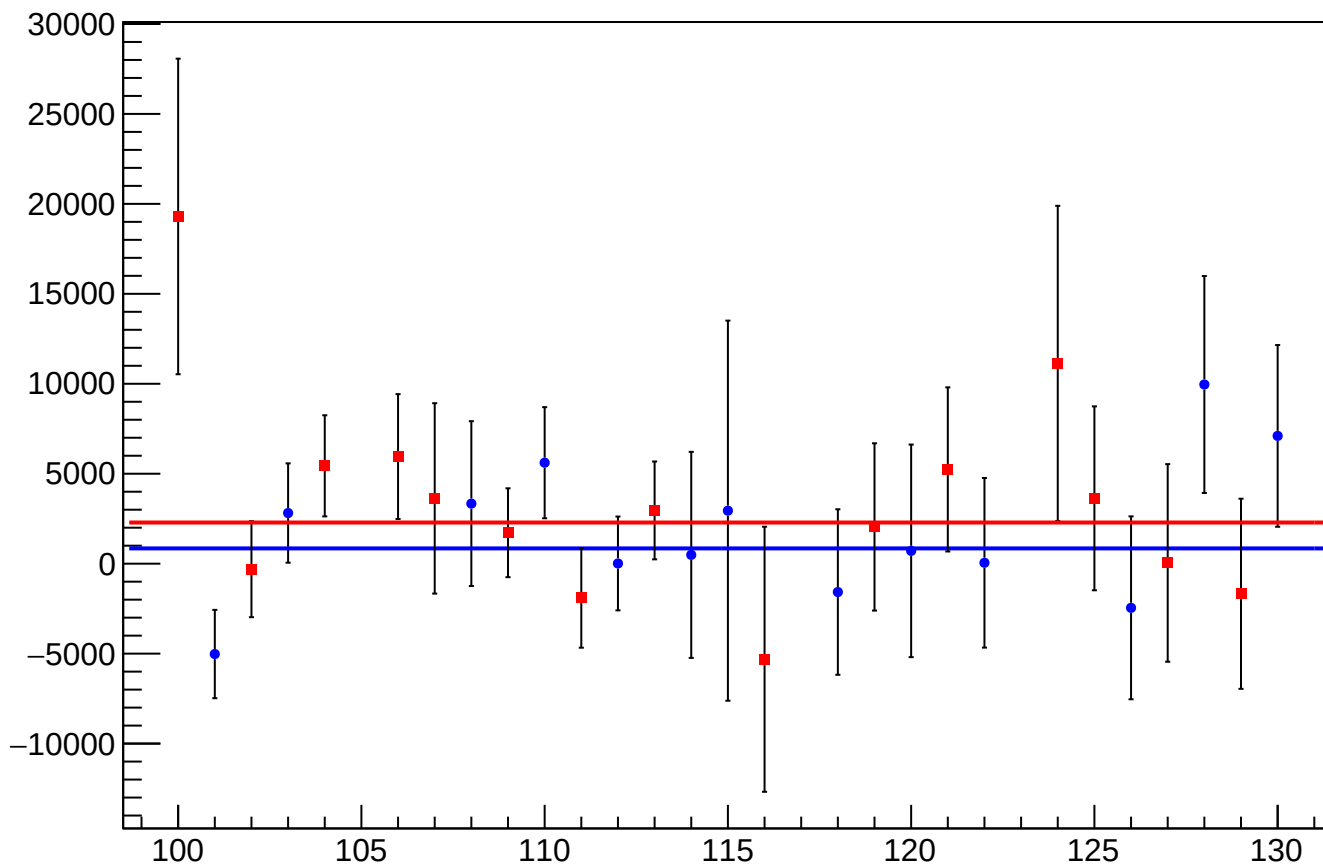
Right: 234.733+/-0.050 χ^2/NDF : 796906.1/27

In: 239.255+/-0.073 χ^2/NDF : 360437.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 234.733+/-0.050 χ^2/NDF : 796906.1/27

asym_sam4_cor_correction_mean vs Slug, Sign Corrected



Right In: 848.859+/-1076.696 χ^2/NDF : 13.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2288.272+/-970.625 χ^2/NDF : 12.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

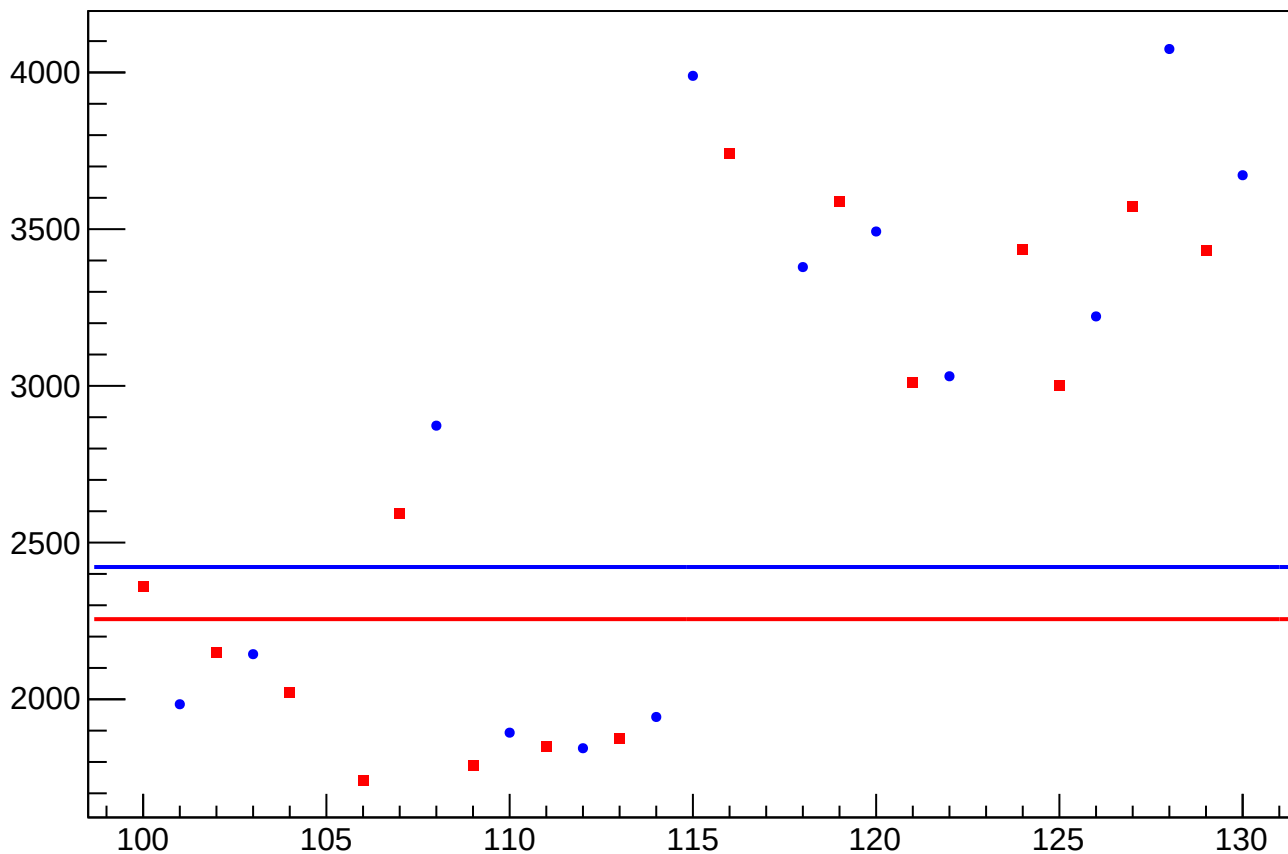
Right: 1642.942+/-720.928 χ^2/NDF : 27.4/27

In: 848.859+/-1076.696 χ^2/NDF : 13.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1642.942+/-720.928 χ^2/NDF : 27.4/27

asym_sam4_cor_correction_rms vs Slug, Sign Corrected



Right In: 2422.034+/-0.761 χ^2/NDF : 826088.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2255.704+/-0.686 χ^2/NDF : 816313.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

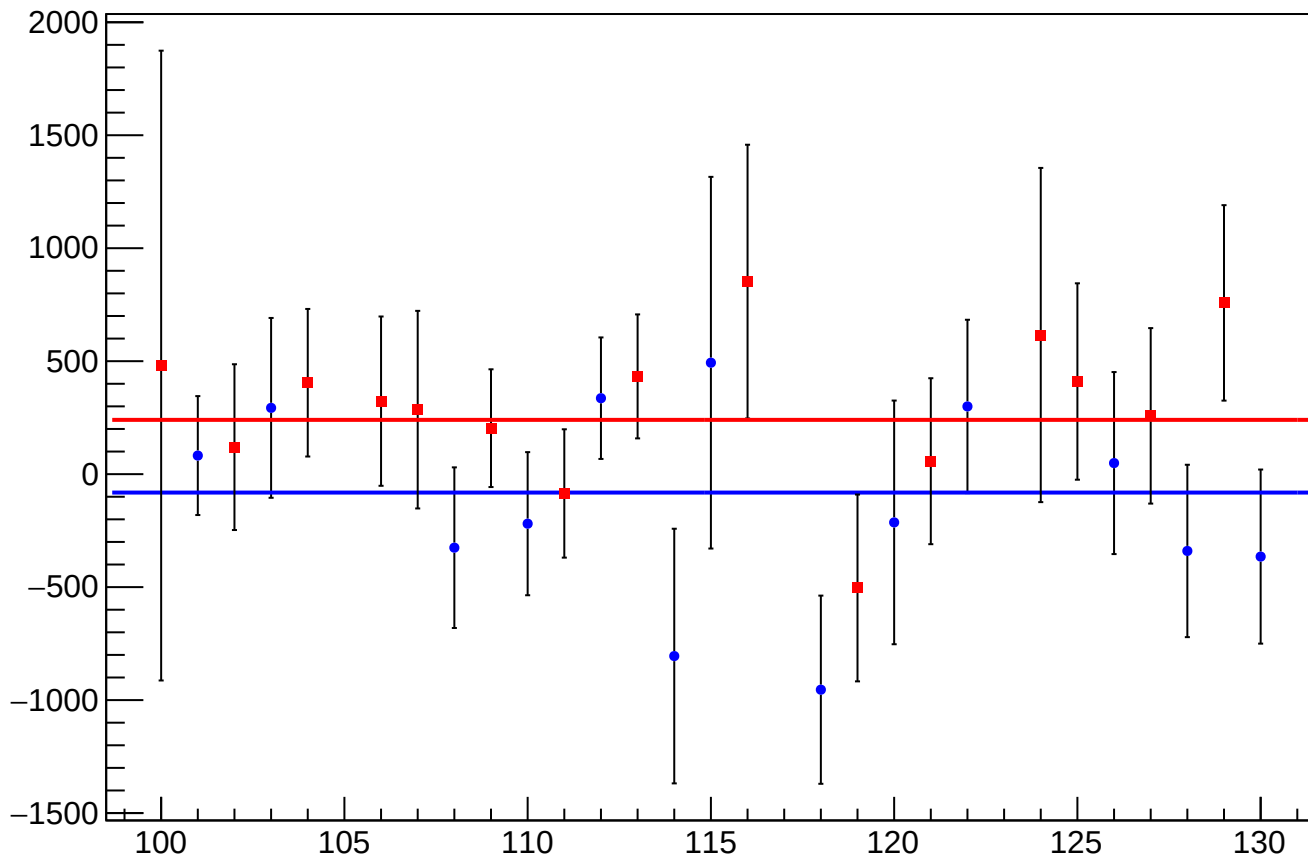
Right: 2330.274+/-0.510 χ^2/NDF : 1668732.7/27

In: 2422.034+/-0.761 χ^2/NDF : 826088.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2330.274+/-0.510 χ^2/NDF : 1668732.7/27

eigen_cor_asym_sam4_mean vs Slug, Sign Corrected



Right In: -81.510+/-103.769 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 240.246+/-97.509 χ^2/NDF : 8.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

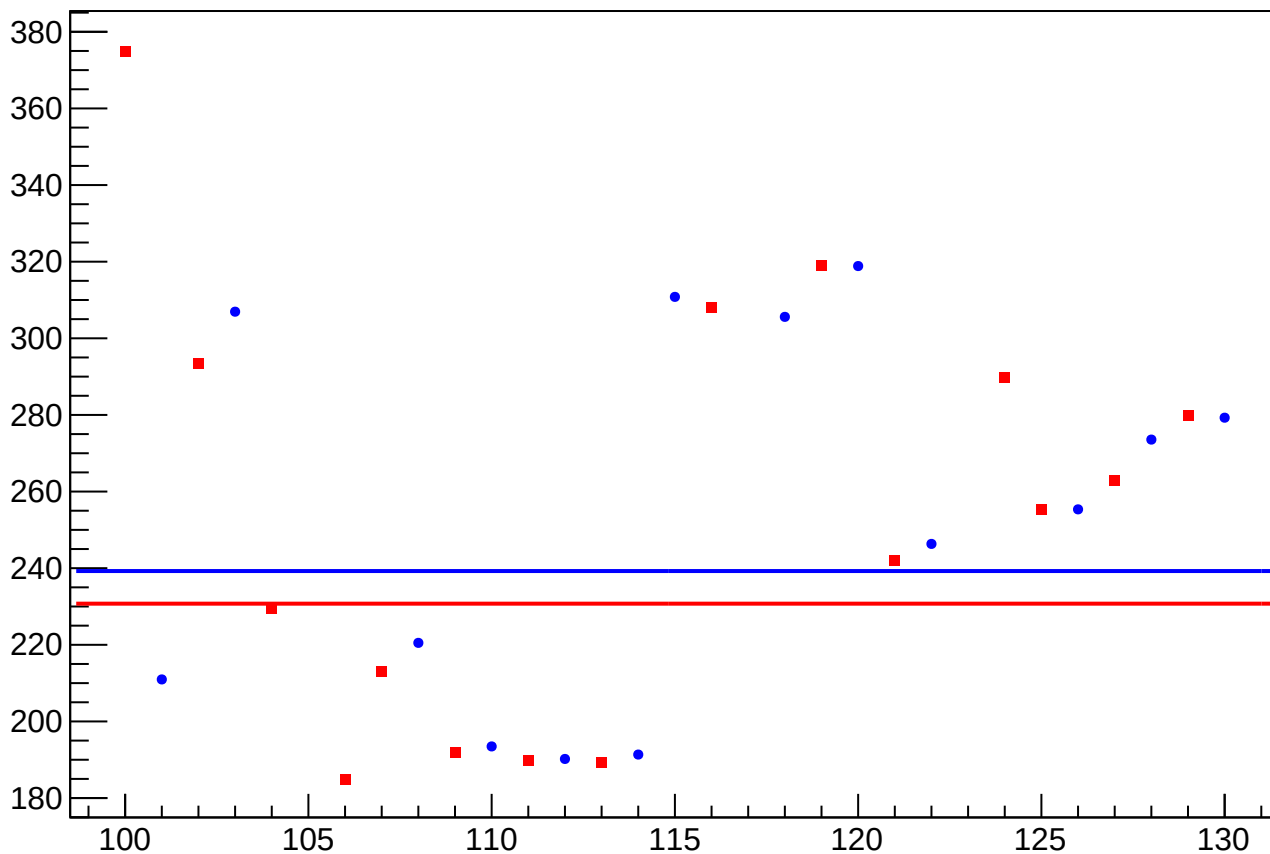
Right: 89.366+/-71.059 χ^2/NDF : 26.8/27

In: -81.510+/-103.769 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.366+/-71.059 χ^2/NDF : 26.8/27

eigen_cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 239.255+/-0.073 χ^2/NDF : 360437.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 230.740+/-0.069 χ^2/NDF : 429317.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

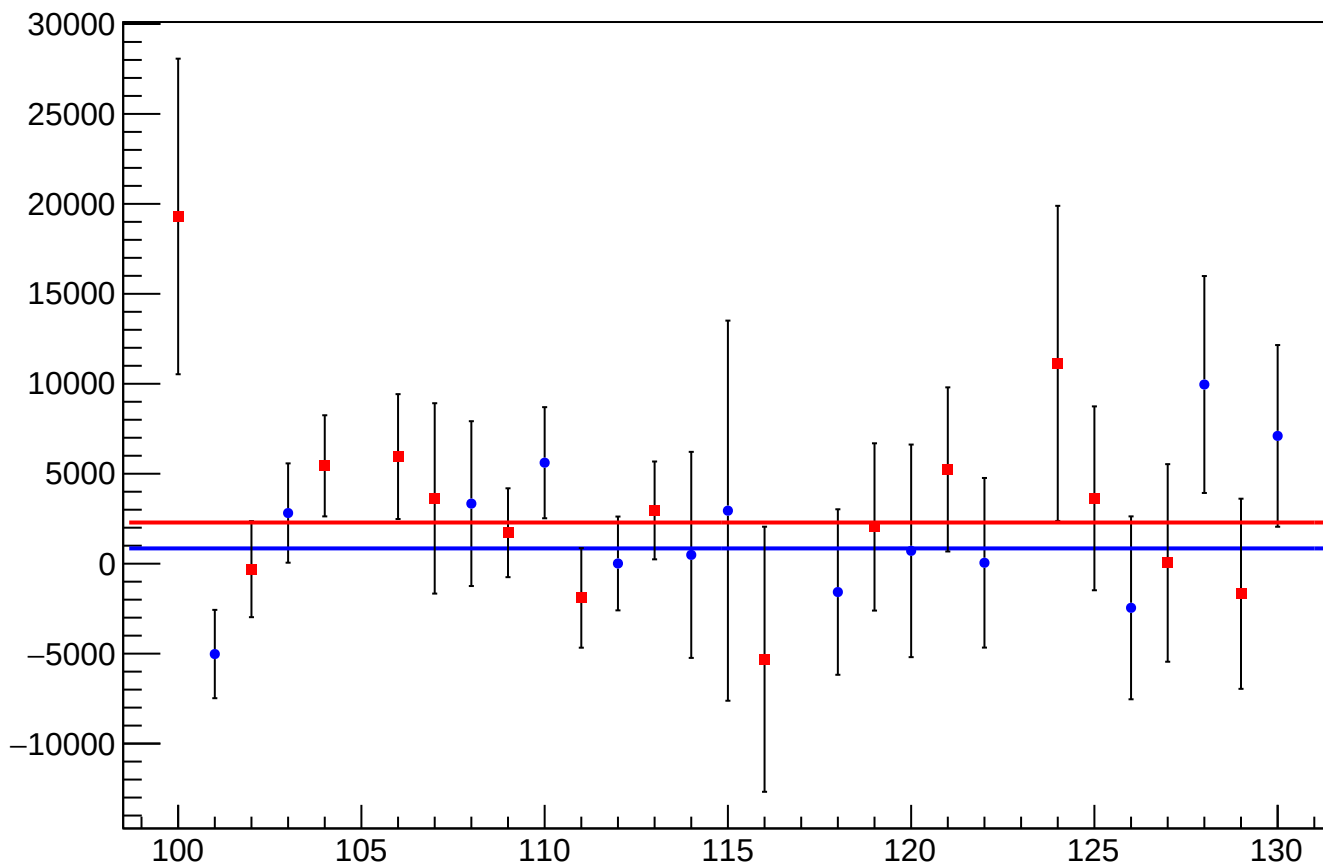
Right: 234.733+/-0.050 χ^2/NDF : 796906.1/27

In: 239.255+/-0.073 χ^2/NDF : 360437.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 234.733+/-0.050 χ^2/NDF : 796906.1/27

asym_sam4_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 848.859+/-1076.696 χ^2/NDF : 13.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2288.272+/-970.625 χ^2/NDF : 12.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

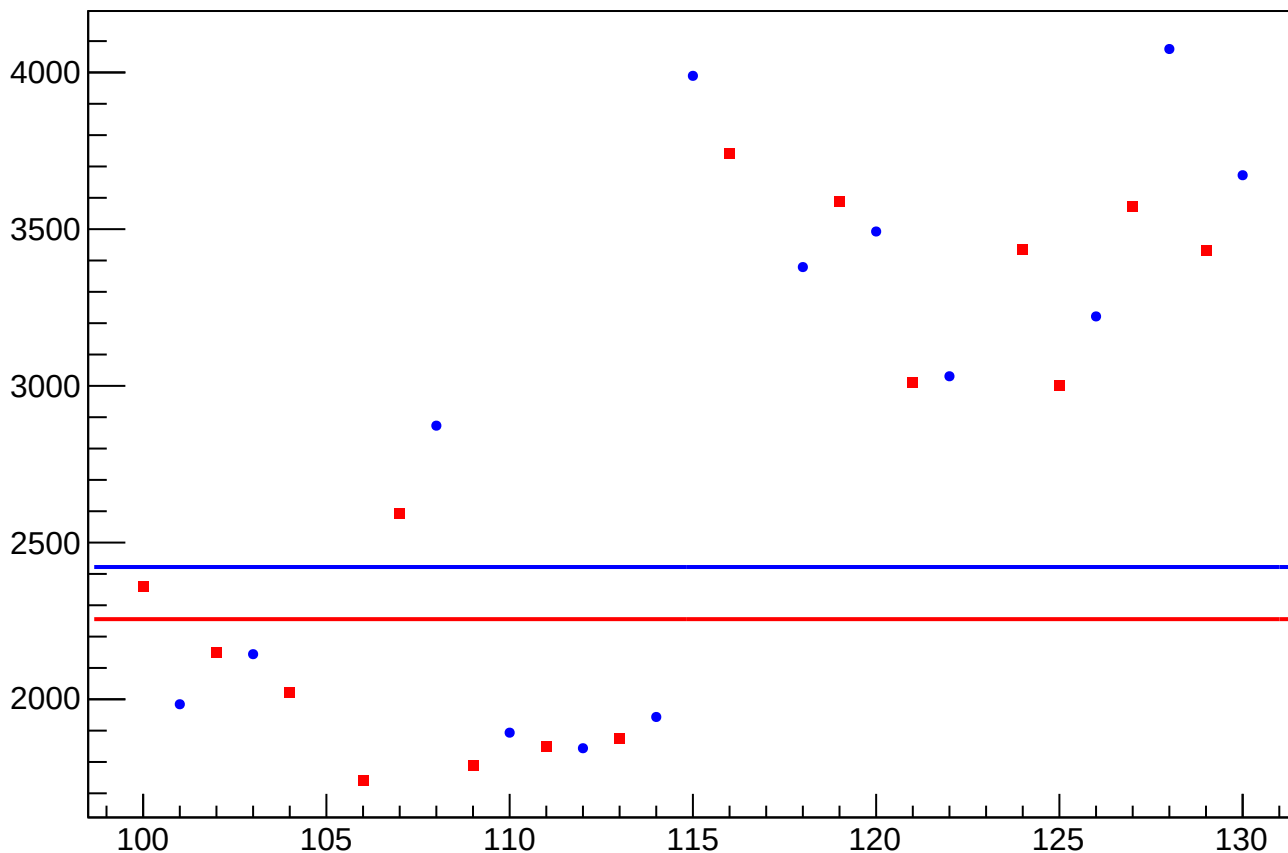
Right: 1642.942+/-720.928 χ^2/NDF : 27.4/27

In: 848.859+/-1076.696 χ^2/NDF : 13.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1642.942+/-720.928 χ^2/NDF : 27.4/27

asym_sam4_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2422.034+/-0.761 χ^2/NDF : 826088.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2255.704+/-0.686 χ^2/NDF : 816313.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

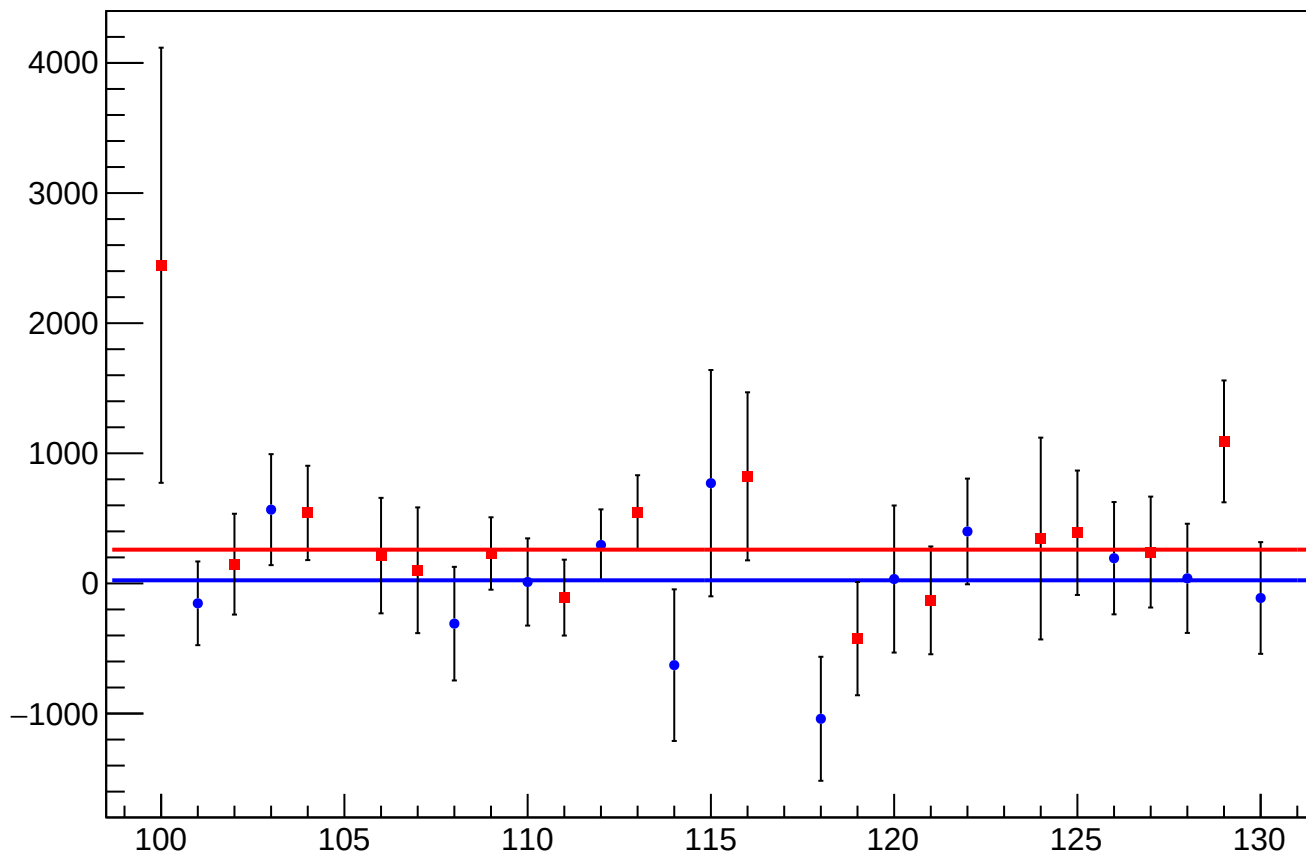
Right: 2330.274+/-0.510 χ^2/NDF : 1668732.7/27

In: 2422.034+/-0.761 χ^2/NDF : 826088.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2330.274+/-0.510 χ^2/NDF : 1668732.7/27

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 23.913+/-113.937 χ^2/NDF : 11.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 259.456+/-105.025 χ^2/NDF : 12.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

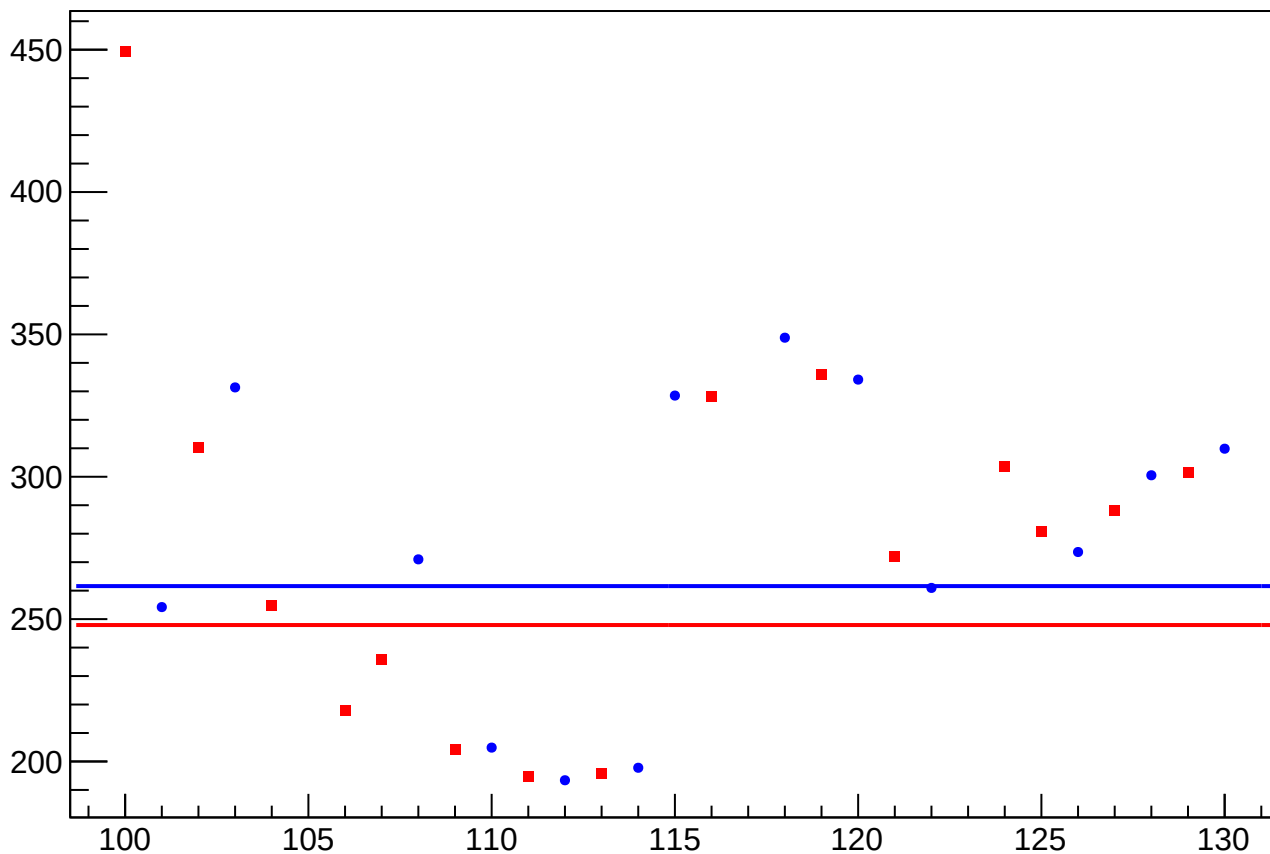
Right: 151.255+/-77.222 χ^2/NDF : 26.4/27

In: 23.913+/-113.937 χ^2/NDF : 11.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.255+/-77.222 χ^2/NDF : 26.4/27

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 261.597 $\pm$ 0.081 χ^2 /NDF: 417080.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 247.919 $\pm$ 0.074 χ^2 /NDF: 458551.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

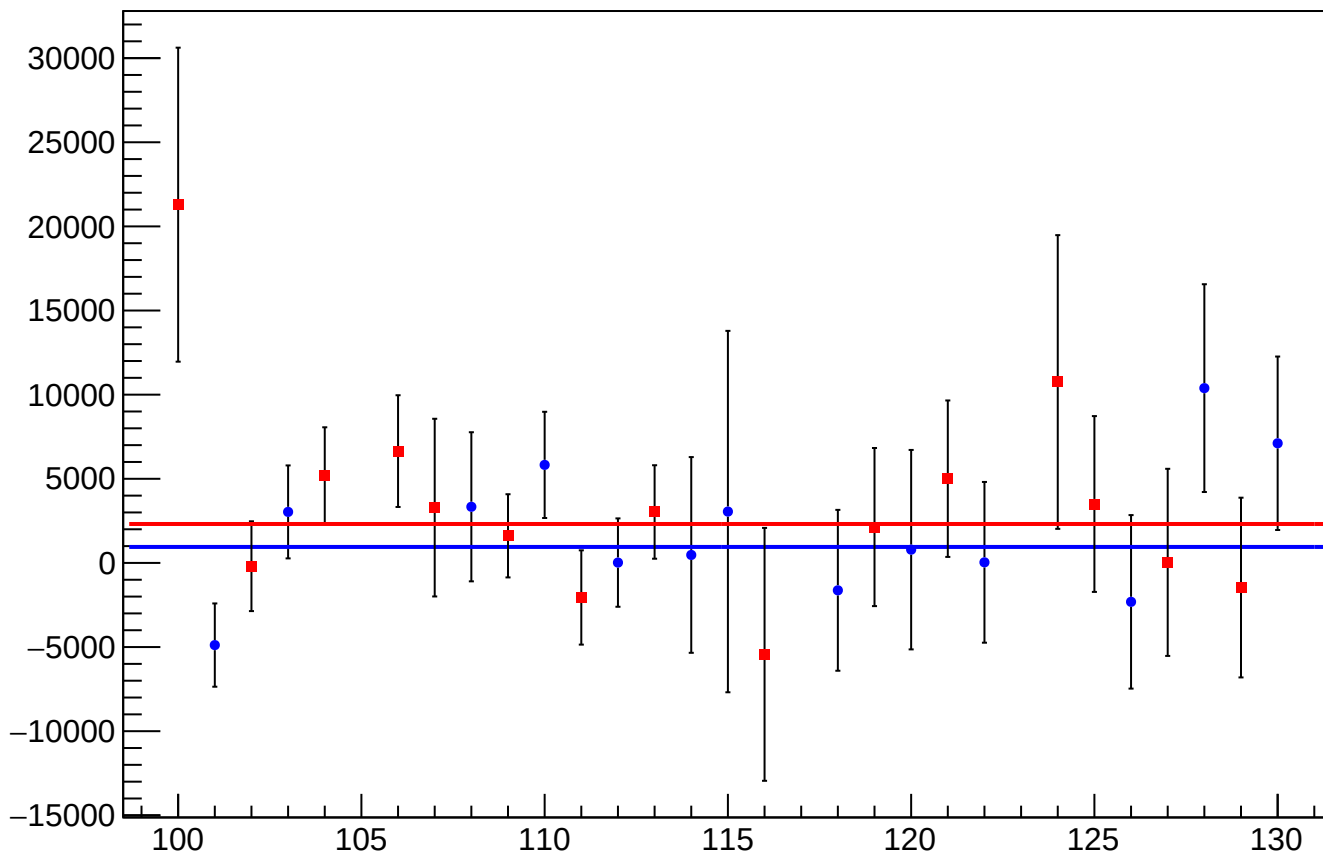
Right: 254.202 $\pm$ 0.055 χ^2 /NDF: 891215.1/27

In: 261.597 $\pm$ 0.081 χ^2 /NDF:417080.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 254.202 $\pm$ 0.055 χ^2 /NDF: 891215.1/27

asym_sam4_dit_correction_mean vs Slug, Sign Corrected



Right In: 950.107+/-1086.939 χ^2/NDF : 13.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2314.091+/-976.326 χ^2/NDF : 13.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

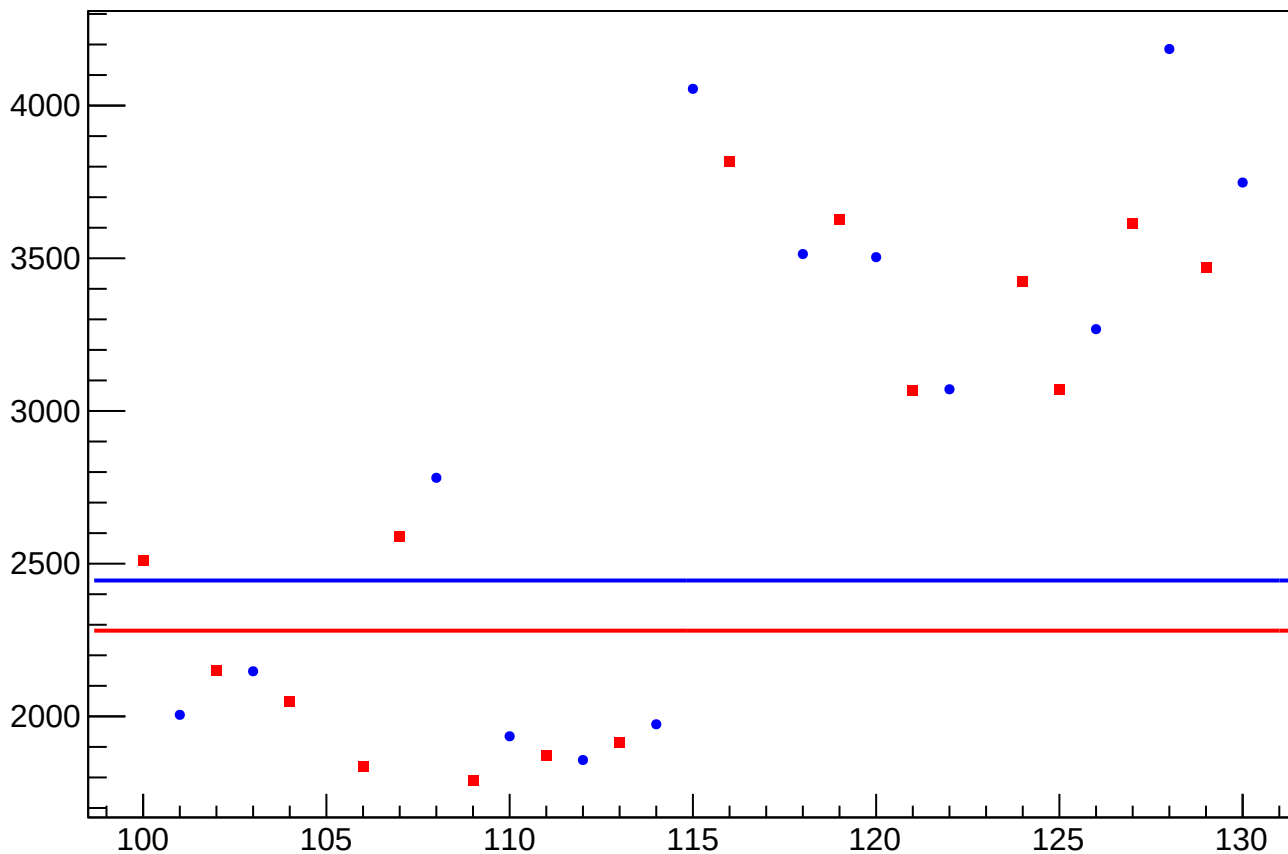
Right: 1705.014+/-726.335 χ^2/NDF : 27.8/27

In: 950.107+/-1086.939 χ^2/NDF : 13.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1705.014+/-726.335 χ^2/NDF : 27.8/27

asym_sam4_dit_correction_rms vs Slug, Sign Corrected



Right In: 2444.909+/-0.769 χ^2/NDF : 844197.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2280.745+/-0.690 χ^2/NDF : 816579.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

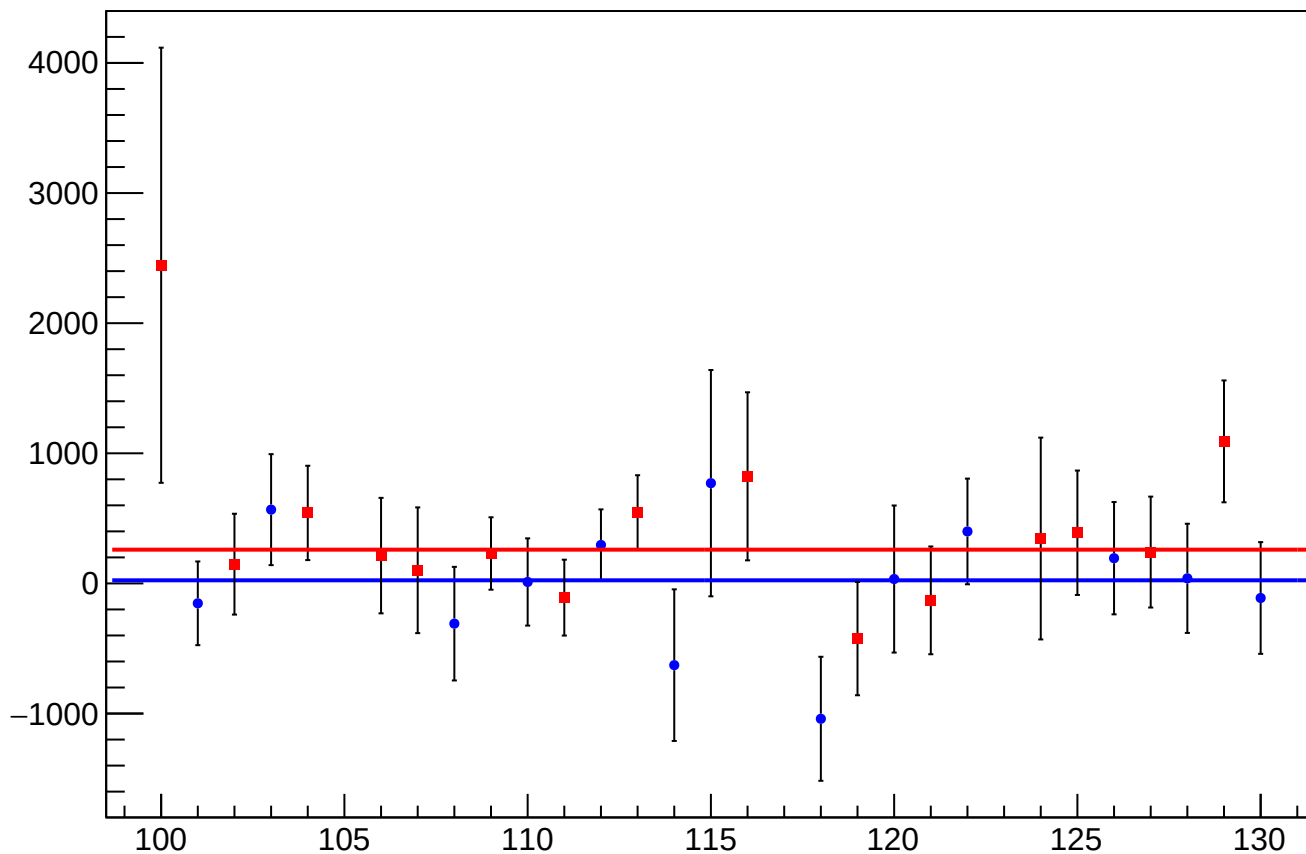
Right: 2354.052+/-0.514 χ^2/NDF : 1686027.2/27

In: 2444.909+/-0.769 χ^2/NDF : 844197.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2354.052+/-0.514 χ^2/NDF : 1686027.2/27

eigen_dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 23.913+/-113.937 χ^2/NDF : 11.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 259.454+/-105.025 χ^2/NDF : 12.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

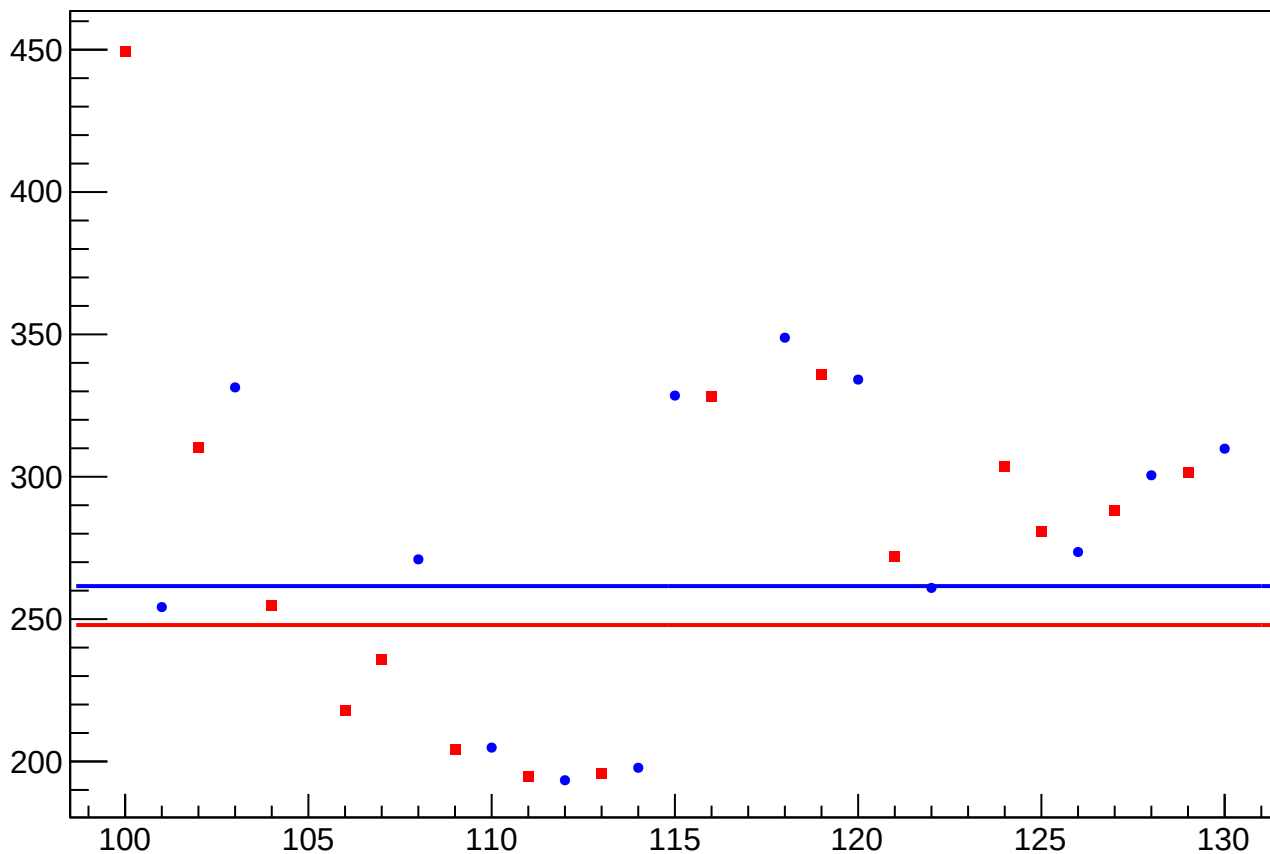
Right: 151.255+/-77.222 χ^2/NDF : 26.4/27

In: 23.913+/-113.937 χ^2/NDF : 11.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.255+/-77.222 χ^2/NDF : 26.4/27

eigen_dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 261.597 $\pm$ 0.081 χ^2 /NDF: 417085.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 247.919 $\pm$ 0.074 χ^2 /NDF: 458552.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

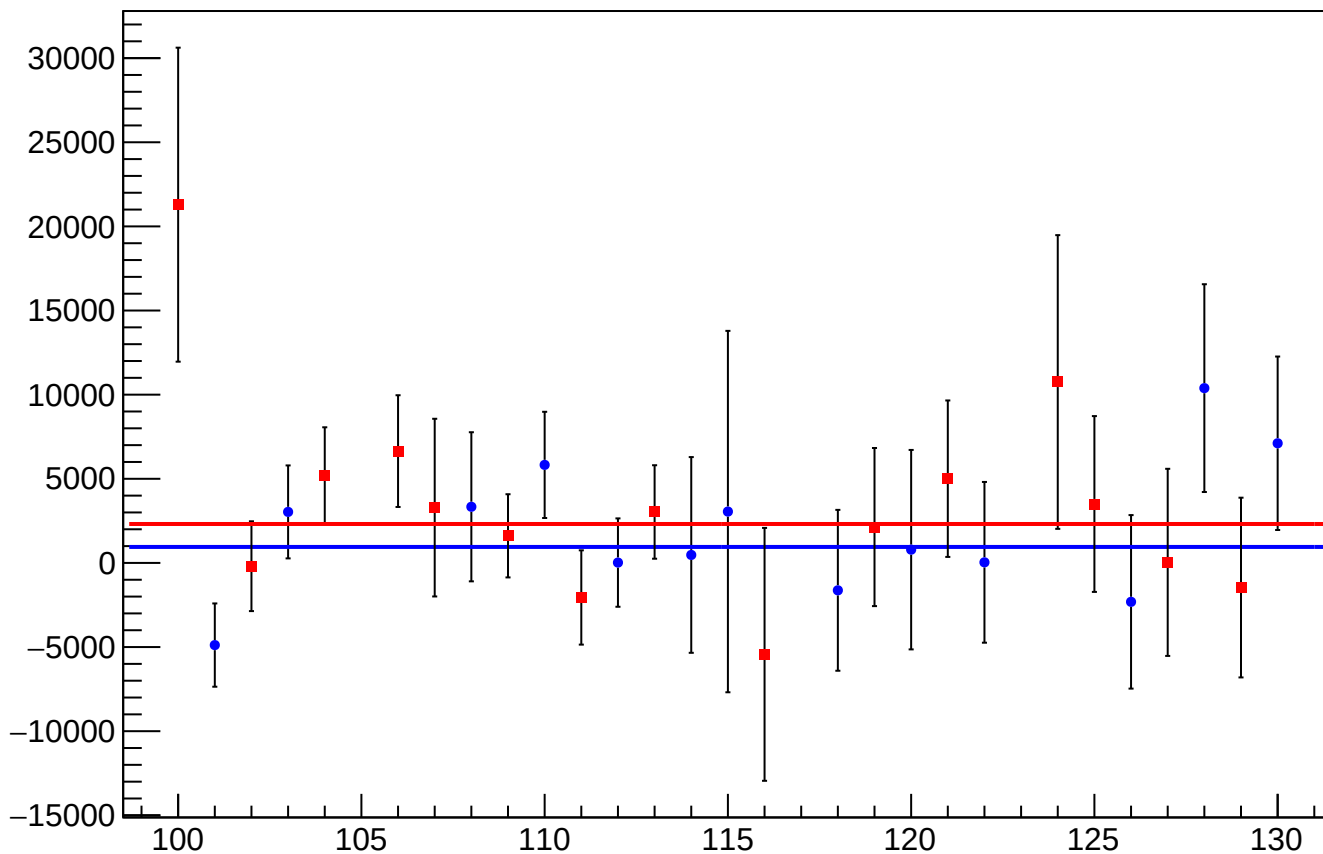
Right: 254.202 $\pm$ 0.055 χ^2 /NDF: 891221.5/27

In: 261.597 $\pm$ 0.081 χ^2 /NDF:417085.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 254.202 $\pm$ 0.055 χ^2 /NDF: 891221.5/27

asym_sam4_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 950.107+/-1086.939 χ^2/NDF : 13.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2314.090+/-976.325 χ^2/NDF : 13.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

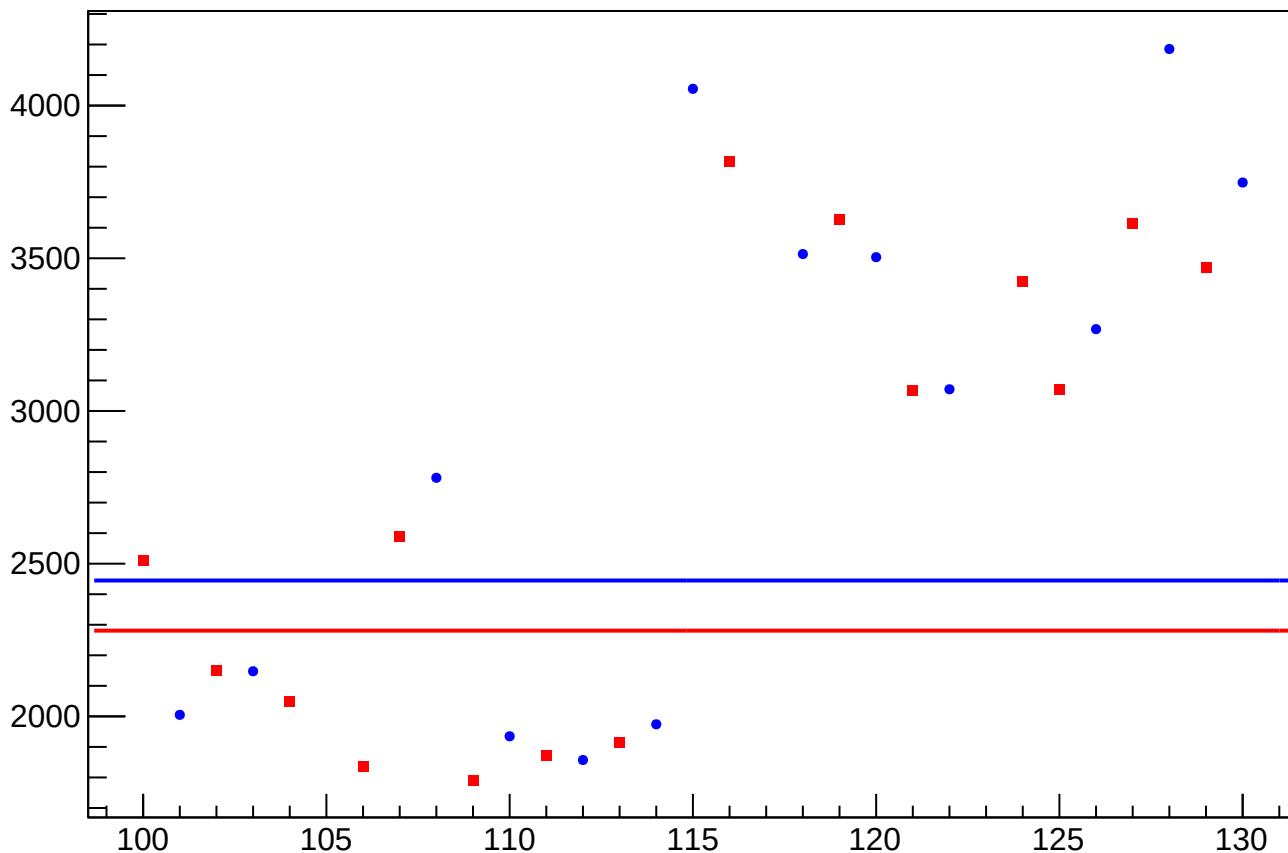
Right: 1705.013+/-726.334 χ^2/NDF : 27.8/27

In: 950.107+/-1086.939 χ^2/NDF : 13.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1705.013+/-726.334 χ^2/NDF : 27.8/27

asym_sam4_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2444.908+/-0.769 χ^2/NDF : 844201.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2280.744+/-0.690 χ^2/NDF : 816582.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

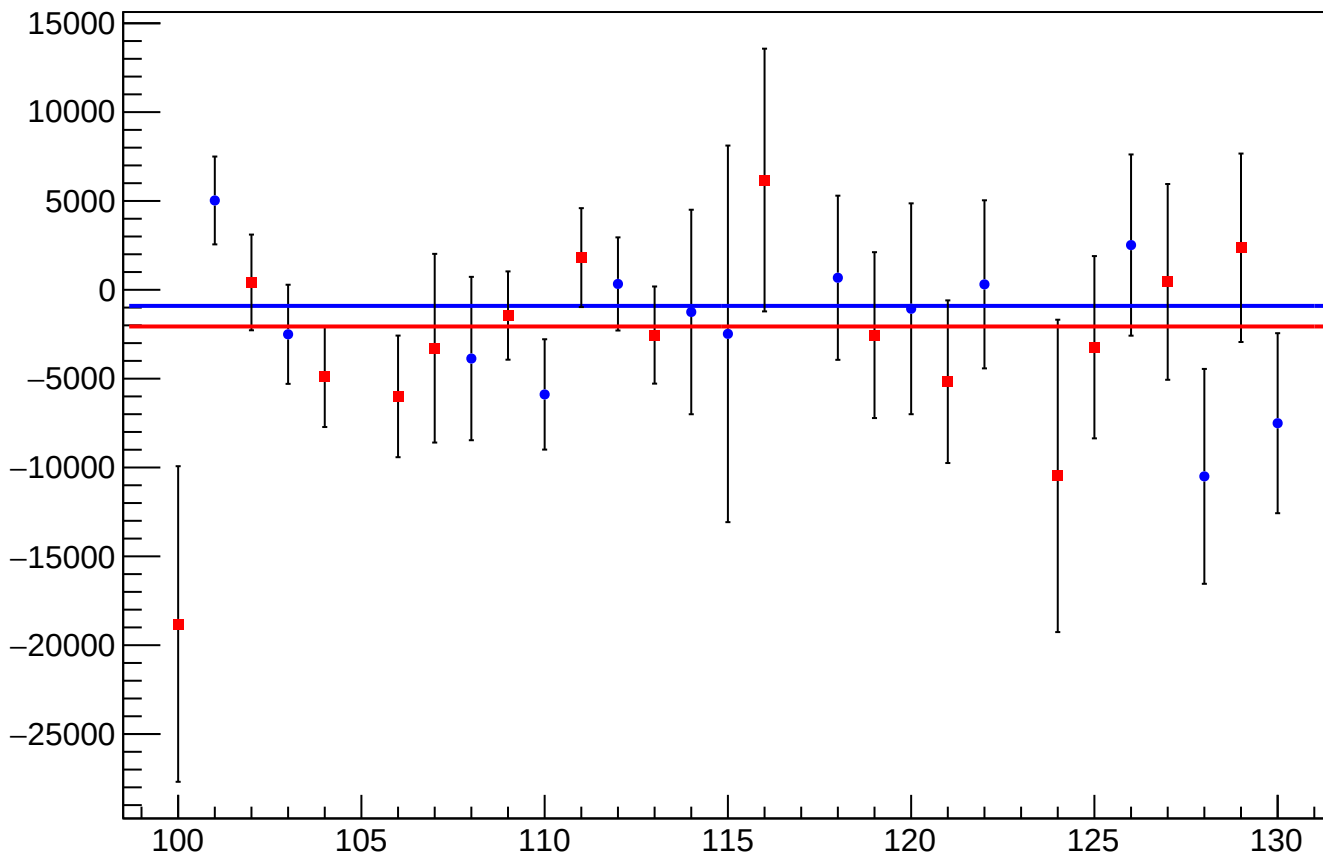
Right: 2354.050+/-0.514 χ^2/NDF : 1686033.4/27

In: 2444.908+/-0.769 χ^2/NDF : 844201.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2354.050+/-0.514 χ^2/NDF : 1686033.4/27

asym_sam4_mean vs Slug, Sign Corrected



Right In: -905.387+/-1082.958 χ^2/NDF : 14.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2063.561+/-974.803 χ^2/NDF : 12.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

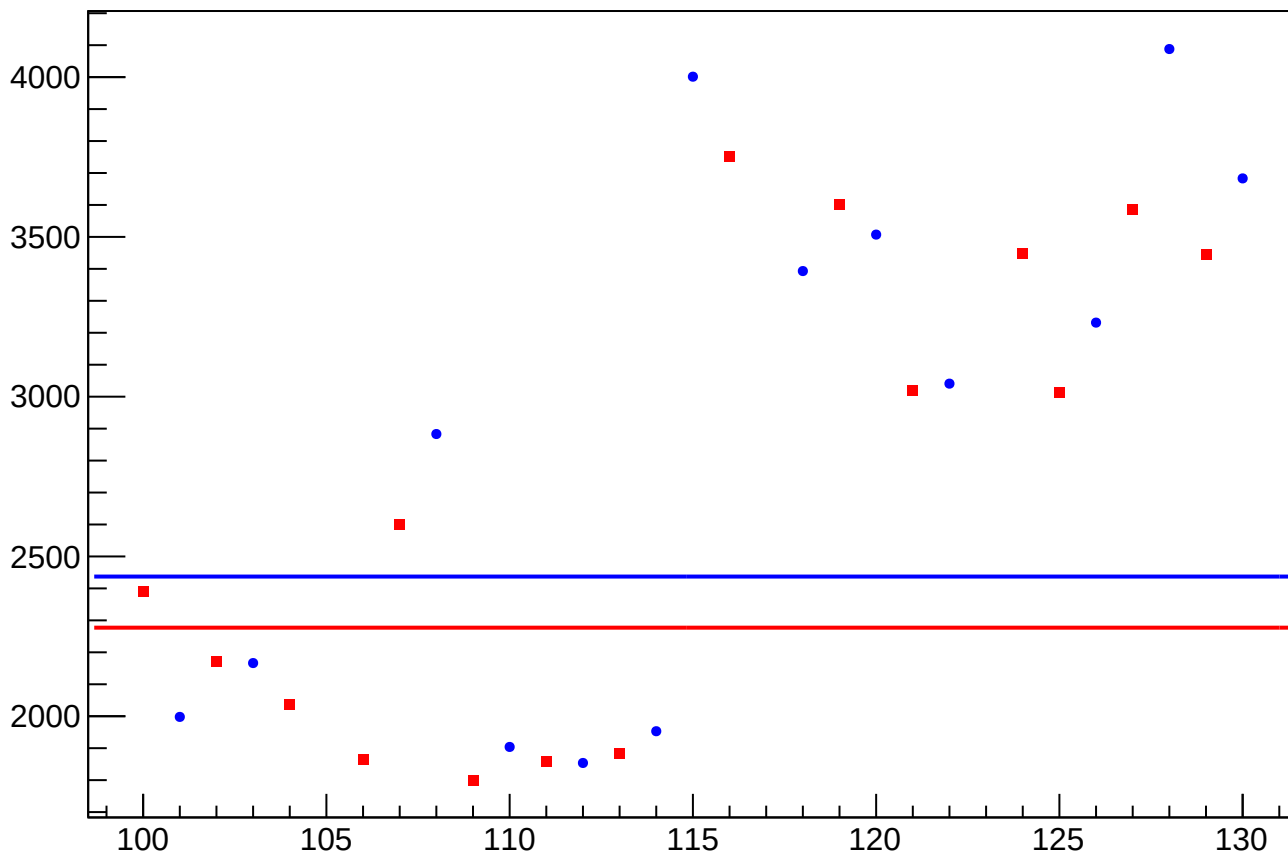
Right: -1545.179+/-724.519 χ^2/NDF : 27.2/27

In: -905.387+/-1082.958 χ^2/NDF : 14.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1545.179+/-724.519 χ^2/NDF : 27.2/27

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2437.084+/-0.766 χ^2/NDF : 818579.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2277.129+/-0.689 χ^2/NDF : 794507.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

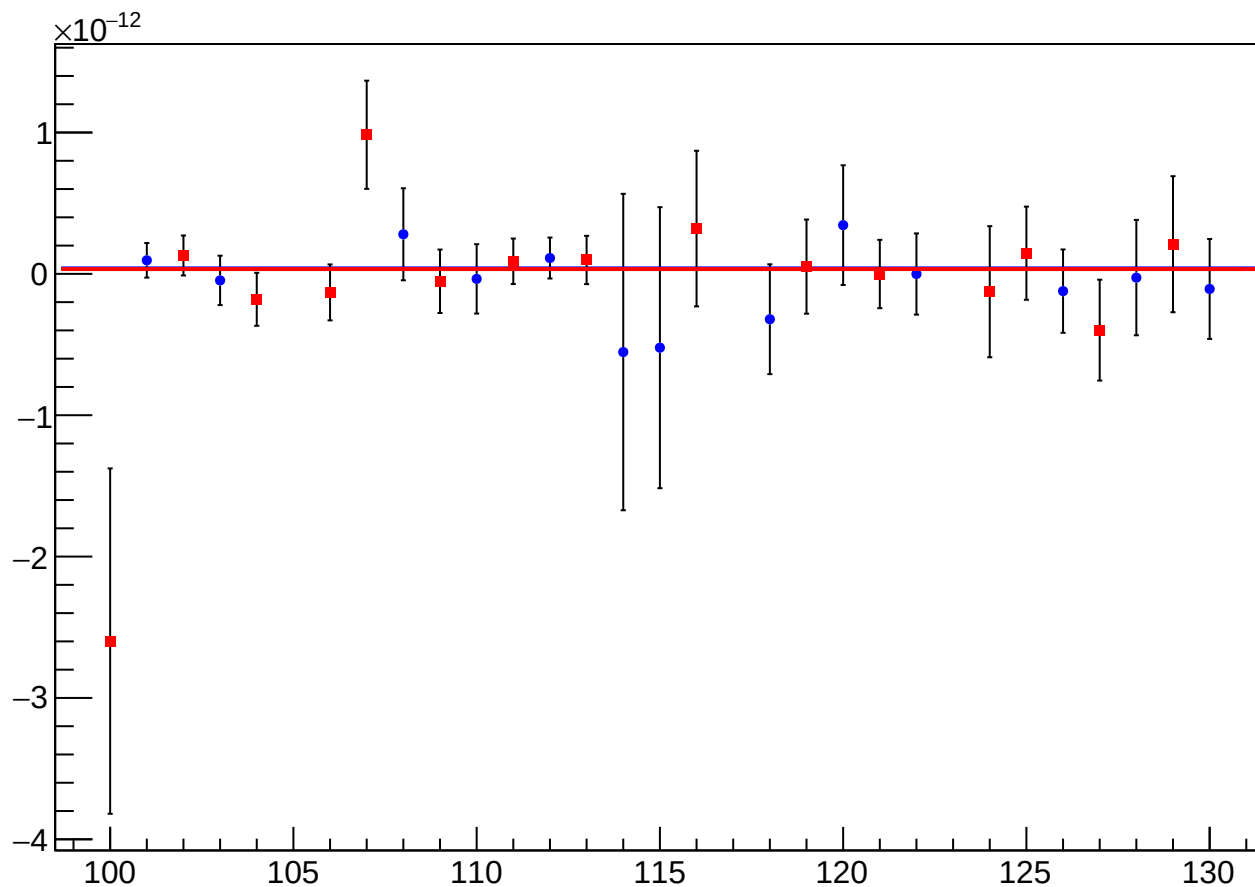
Right: 2348.723+/-0.512 χ^2/NDF : 1637189.3/27

In: 2437.084+/-0.766 χ^2/NDF : 818579.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2348.723+/-0.512 χ^2/NDF : 1637189.3/27

asym_sam4_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

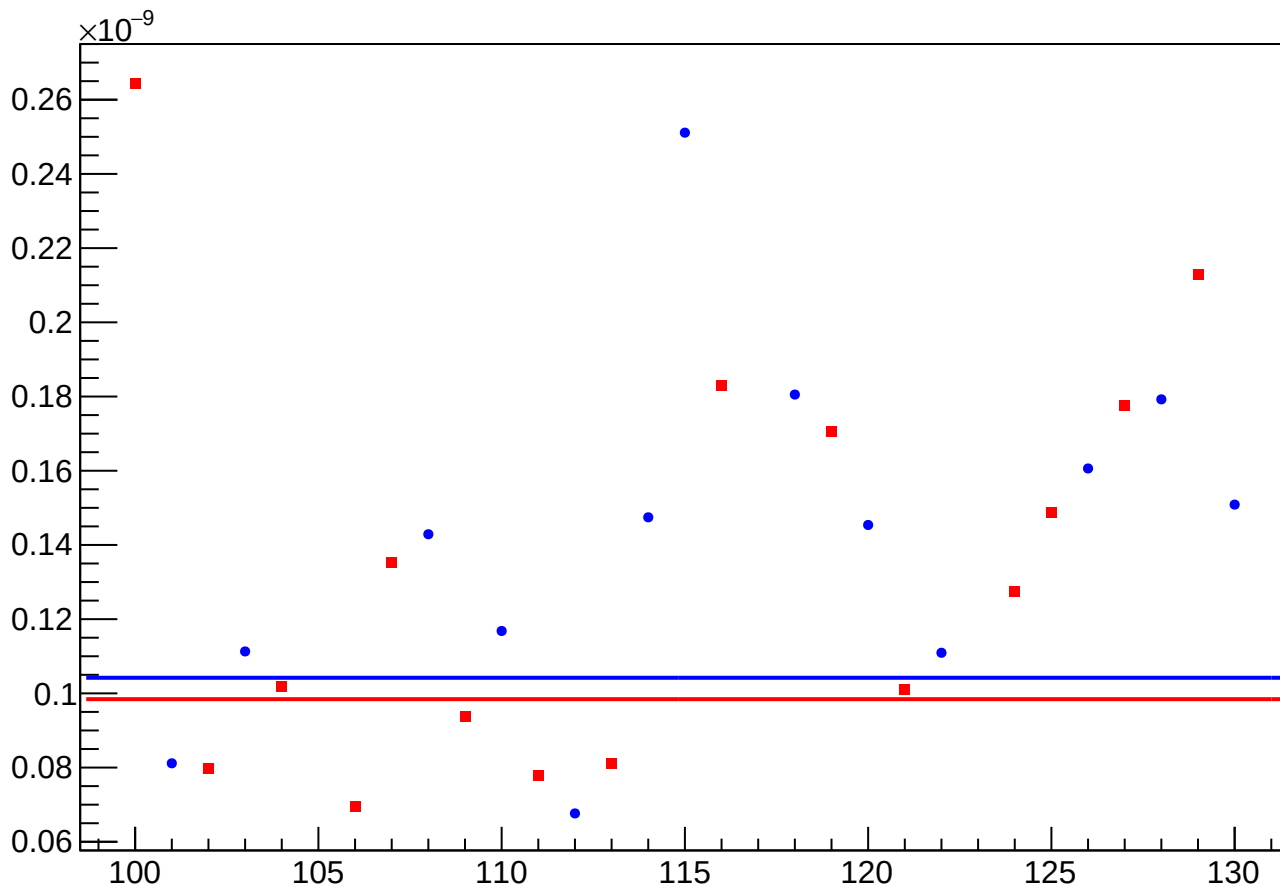
Right: 0.000+/-0.000 χ^2/NDF : 19.6/27

In: 0.000+/-0.000 χ^2/NDF : 3.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.6/27

asym_sam4_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 554762.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 594539.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

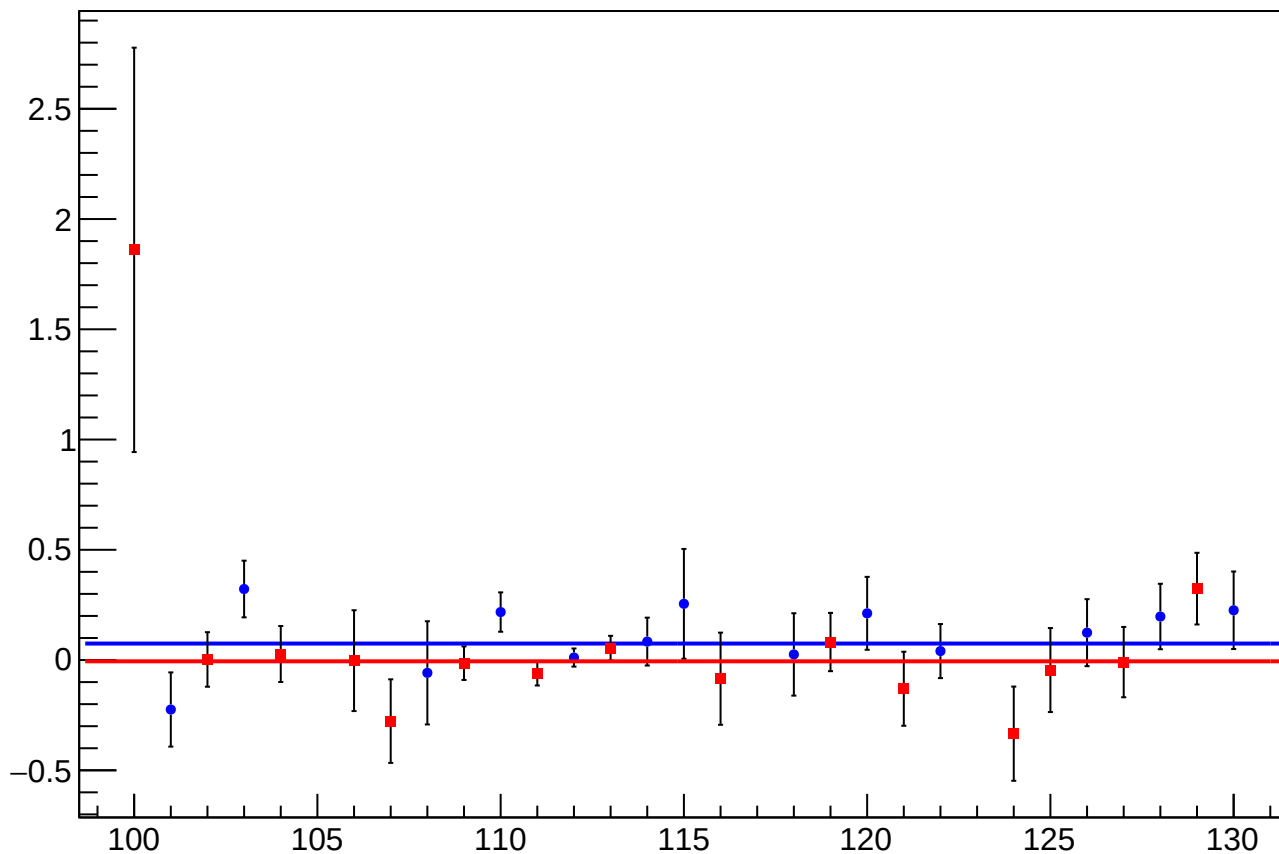
Right: 0.000+/-0.000 χ^2/NDF : 1157327.4/27

In: 0.000+/-0.000 χ^2/NDF : 554762.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1157327.4/27

asym_sam4_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.075+/-0.029 χ^2/NDF : 15.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.006+/-0.028 χ^2/NDF : 16.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

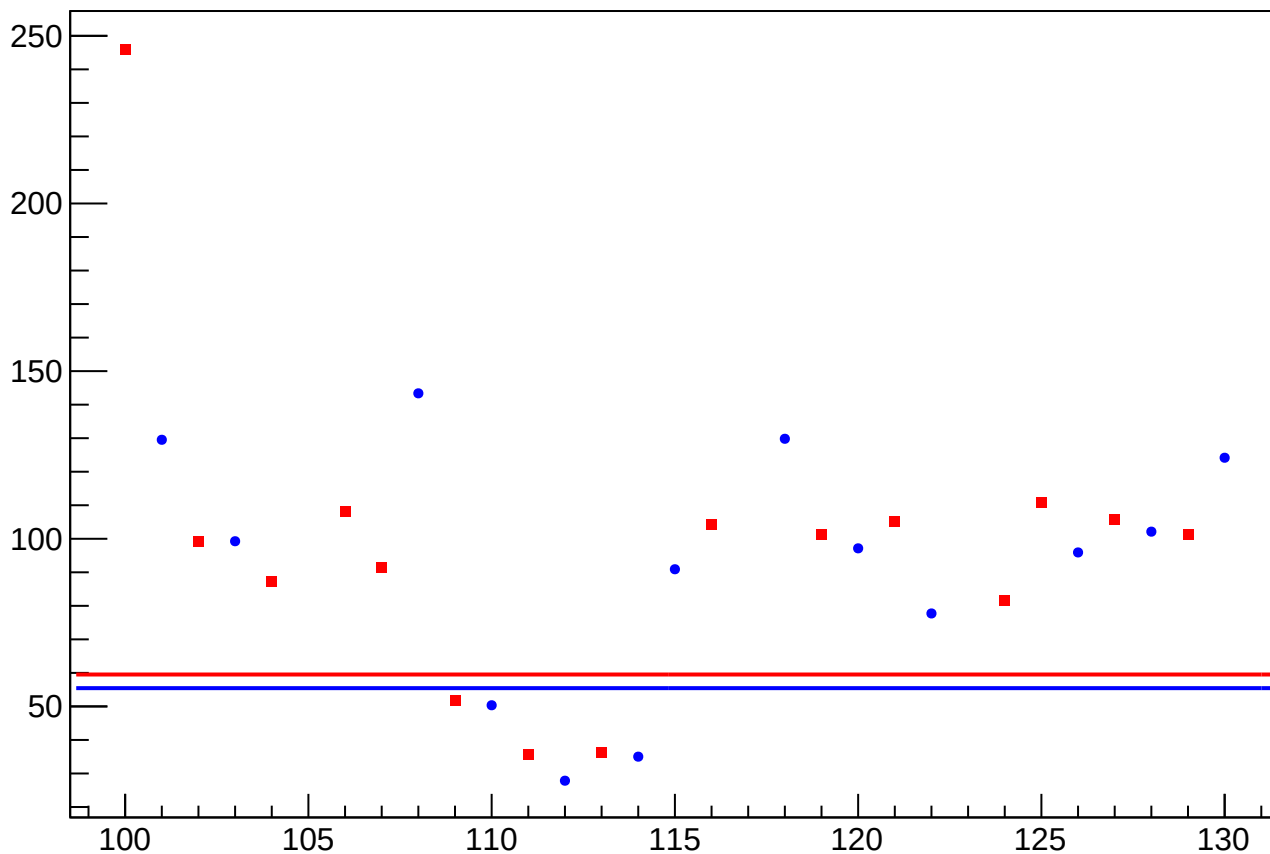
Right: 0.034+/-0.020 χ^2/NDF : 35.0/27

In: 0.075+/-0.029 χ^2/NDF : 15.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.034+/-0.020 χ^2/NDF : 35.0/27

asym_sam4_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.452+/-0.021 χ^2/NDF : 3075473.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 59.520+/-0.020 χ^2/NDF : 2184236.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

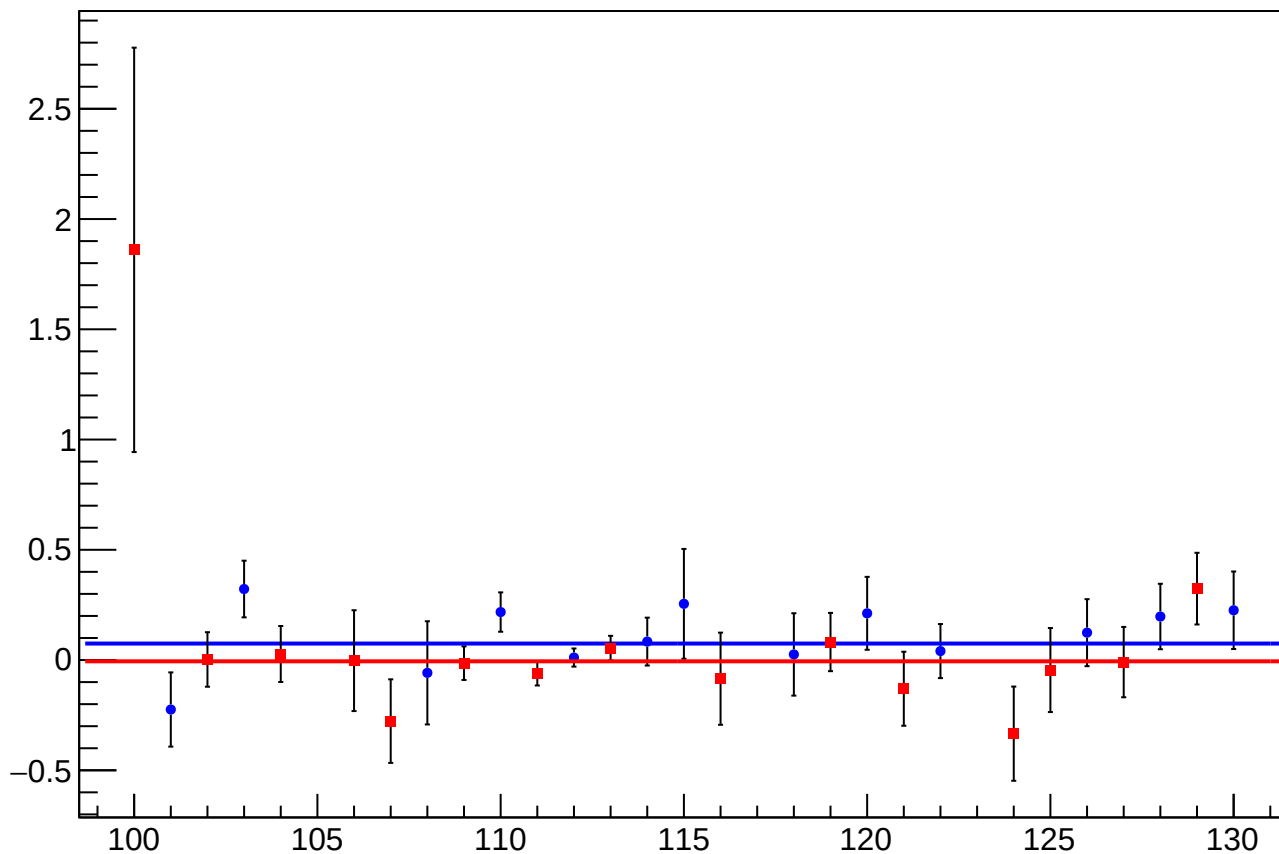
Right: 57.534+/-0.014 χ^2/NDF : 5279764.6/27

In: 55.452+/-0.021 χ^2/NDF :3075473.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 57.534+/-0.014 χ^2/NDF : 5279764.6/27

asym_sam4_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.075+/-0.029 χ^2/NDF : 15.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.006+/-0.028 χ^2/NDF : 16.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

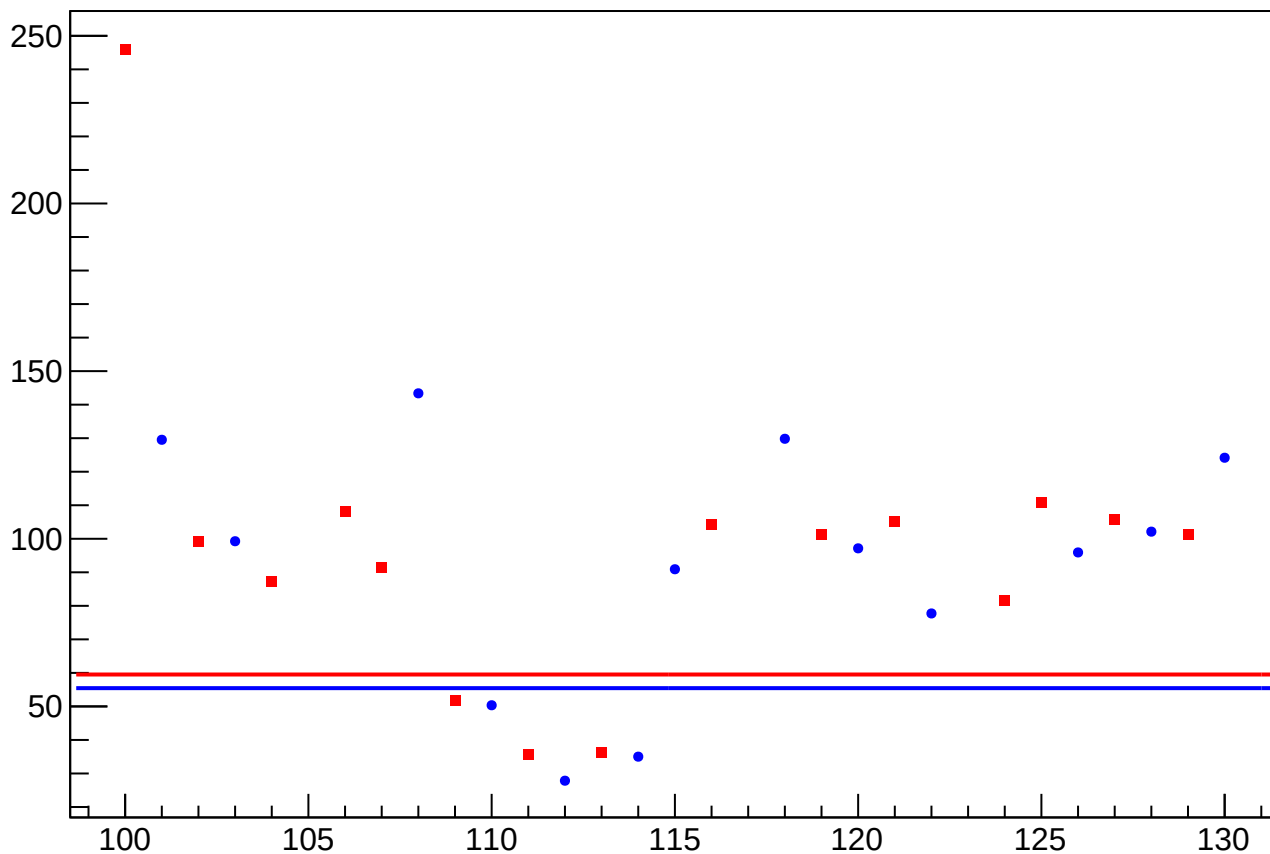
Right: 0.034+/-0.020 χ^2/NDF : 35.0/27

In: 0.075+/-0.029 χ^2/NDF : 15.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.034+/-0.020 χ^2/NDF : 35.0/27

asym_sam4_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.452+/-0.021 χ^2/NDF : 3075473.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 59.520+/-0.020 χ^2/NDF : 2184236.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

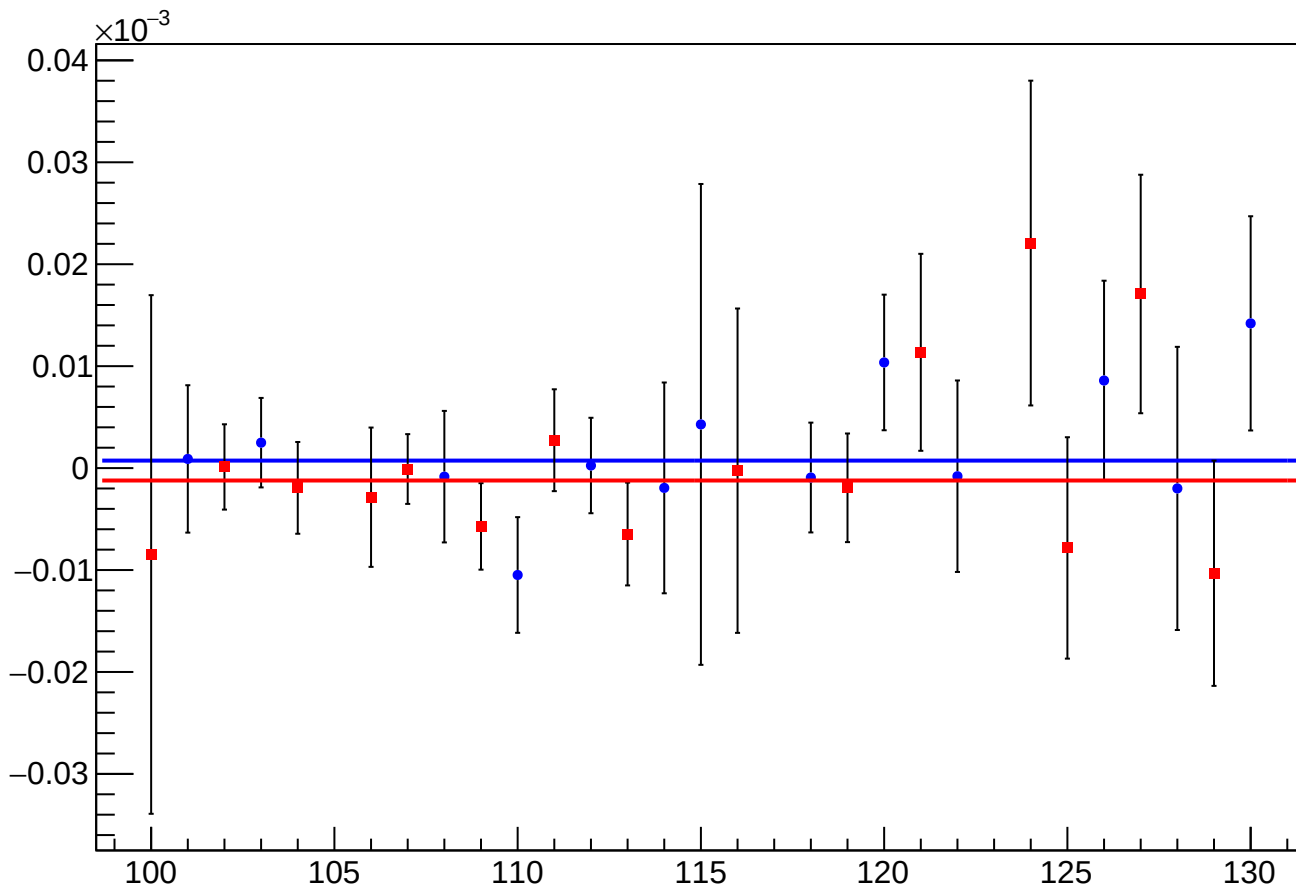
Right: 57.534+/-0.014 χ^2/NDF : 5279764.6/27

In: 55.452+/-0.021 χ^2/NDF :3075473.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 57.534+/-0.014 χ^2/NDF : 5279764.6/27

asym_sam4_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 8.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 10.6/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

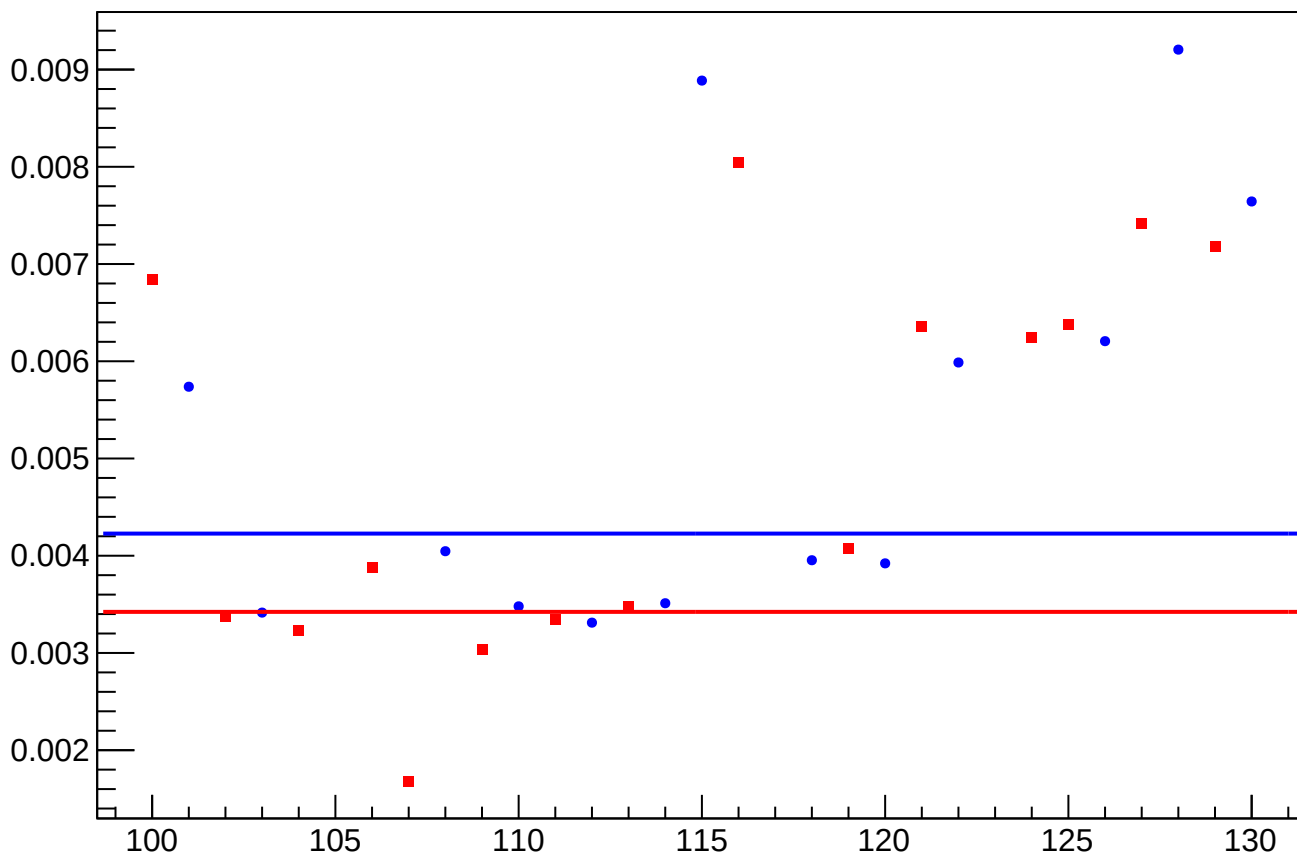
Right: -0.000 ± 0.000 χ^2/NDF : 20.0/27

In: 0.000 ± 0.000 χ^2/NDF : 8.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 20.0/27

asym_sam4_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 985867.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1645111.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

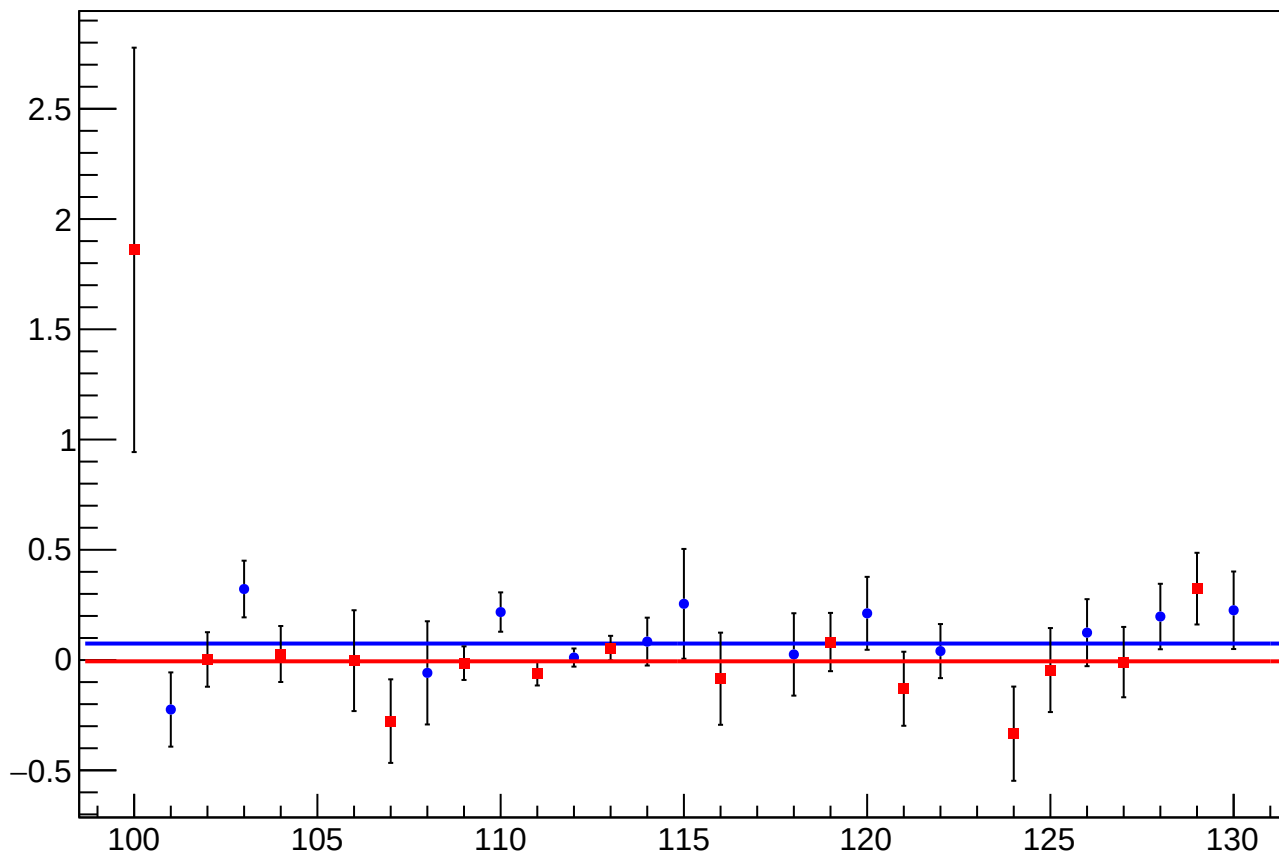
Right: 0.004+/-0.000 χ^2/NDF : 2848411.6/27

In: 0.004+/-0.000 χ^2/NDF :985867.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 2848411.6/27

asym_sam4_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.075+/-0.029 χ^2/NDF : 15.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.006+/-0.028 χ^2/NDF : 16.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

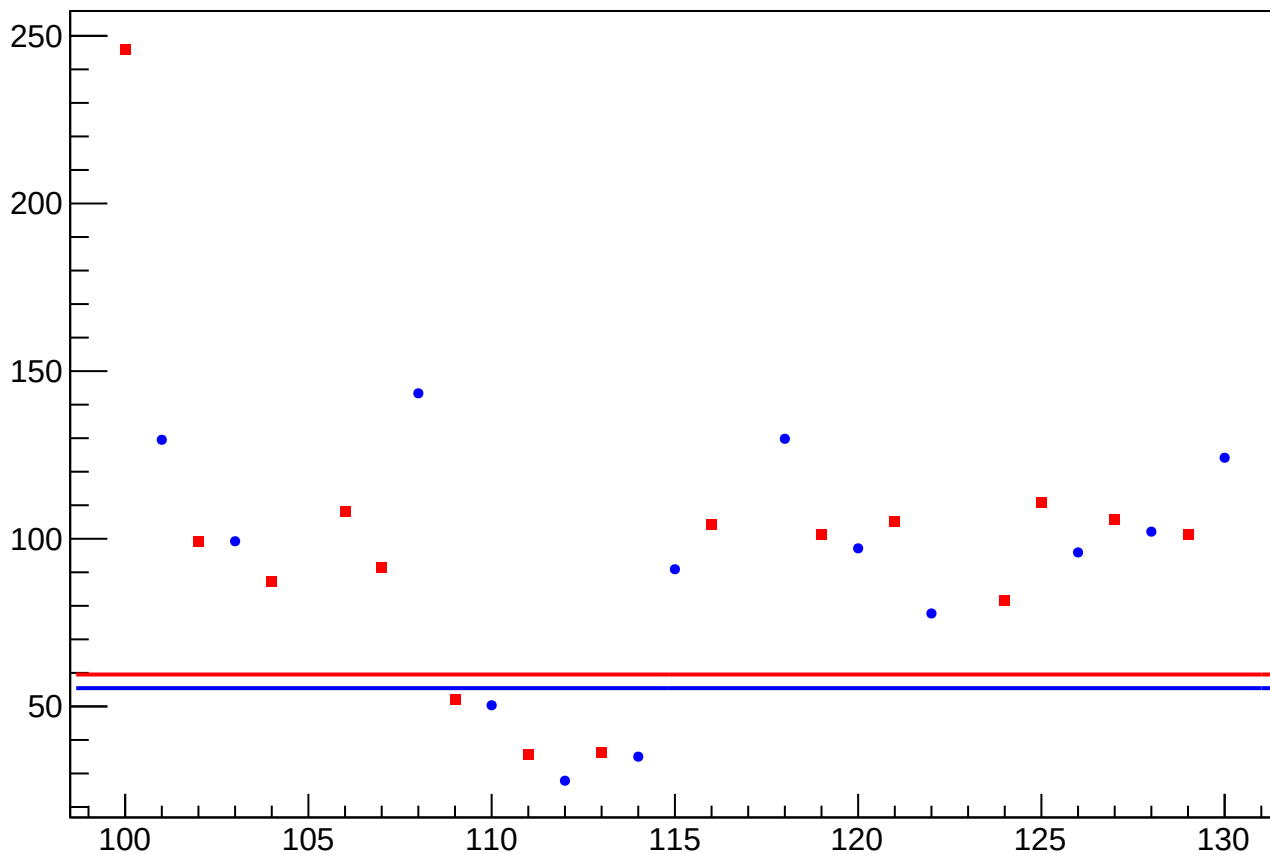
Right: 0.034+/-0.020 χ^2/NDF : 35.0/27

In: 0.075+/-0.029 χ^2/NDF : 15.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.034+/-0.020 χ^2/NDF : 35.0/27

asym_sam4_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.450+/-0.021 χ^2/NDF : 3075680.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.518+/-0.020 χ^2/NDF : 2184418.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

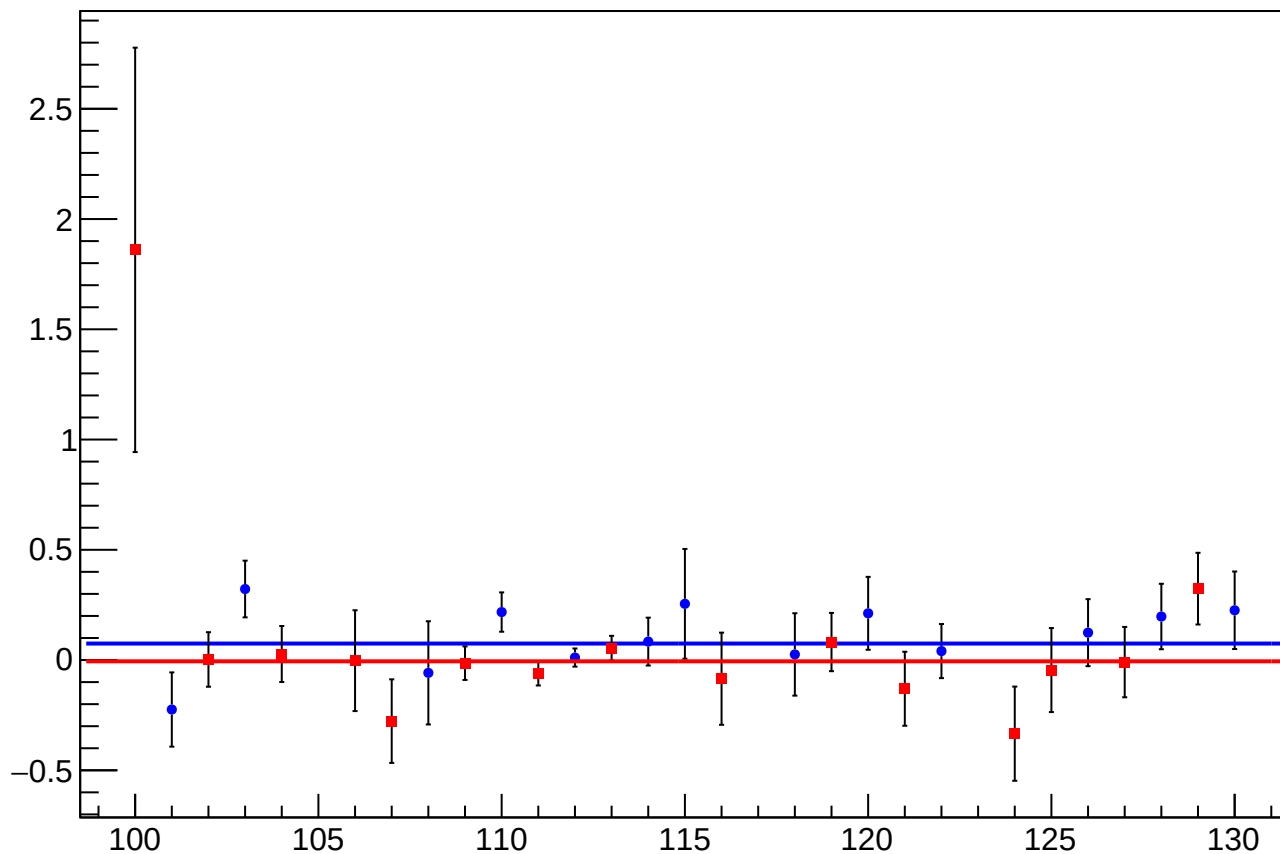
Right: 57.532+/-0.014 χ^2/NDF : 5280157.0/27

In: 55.450+/-0.021 χ^2/NDF : 3075680.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.532+/-0.014 χ^2/NDF : 5280157.0/27

asym_sam4_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.075+/-0.029 χ^2/NDF : 15.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.006+/-0.028 χ^2/NDF : 16.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

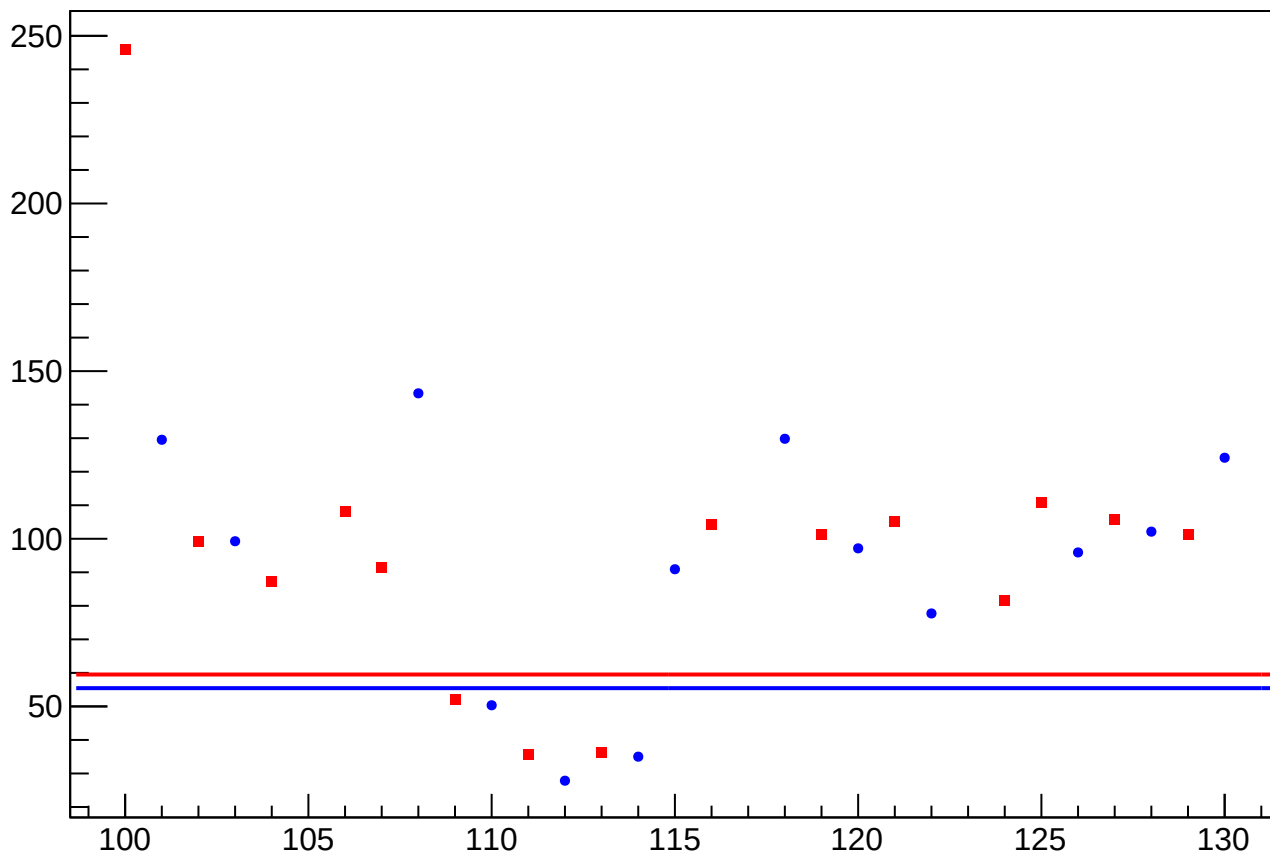
Right: 0.034+/-0.020 χ^2/NDF : 35.0/27

In: 0.075+/-0.029 χ^2/NDF : 15.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.034+/-0.020 χ^2/NDF : 35.0/27

asym_sam4_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.450+/-0.021 χ^2/NDF : 3075680.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 59.518+/-0.020 χ^2/NDF : 2184418.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

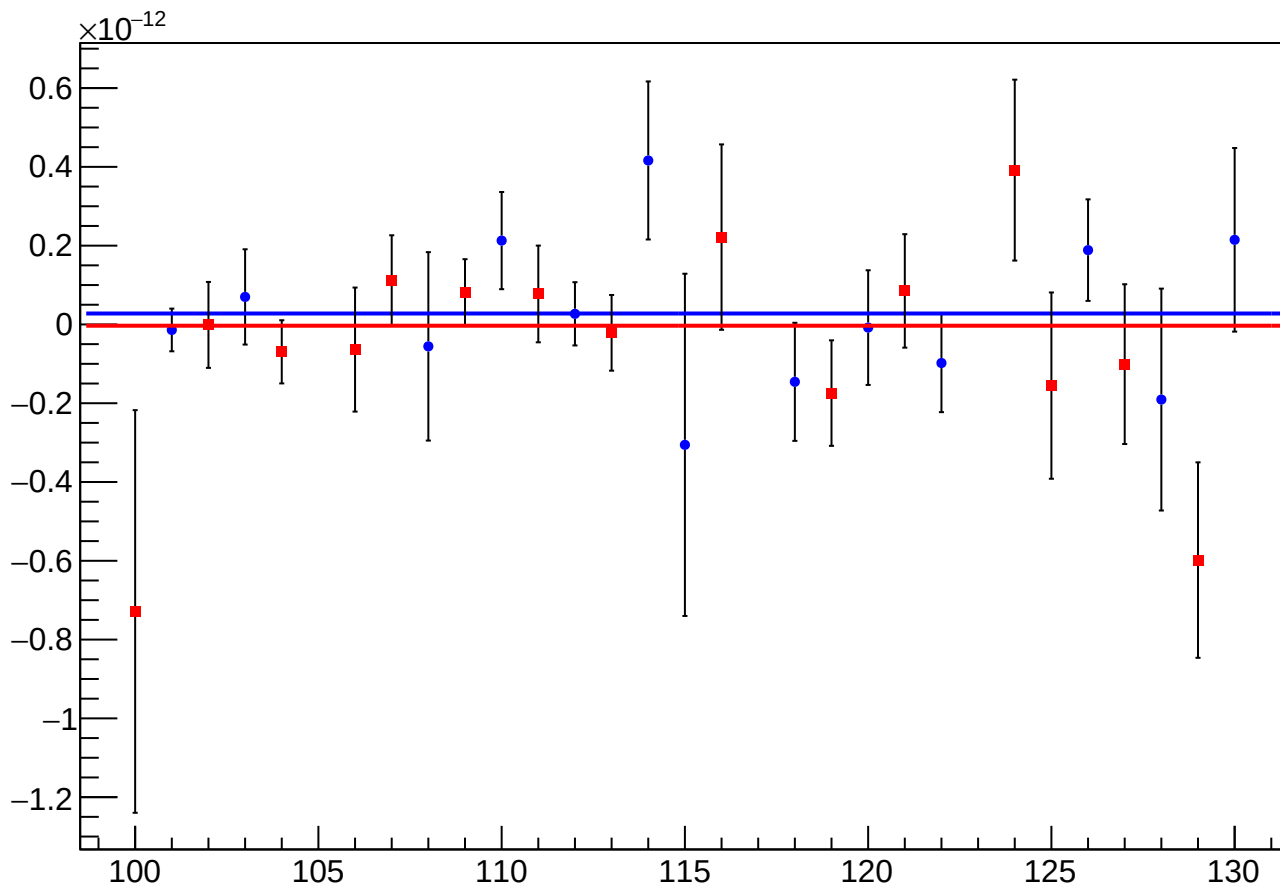
Right: 57.532+/-0.014 χ^2/NDF : 5280157.0/27

In: 55.450+/-0.021 χ^2/NDF :3075680.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 57.532+/-0.014 χ^2/NDF : 5280157.0/27

asym_sam4_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

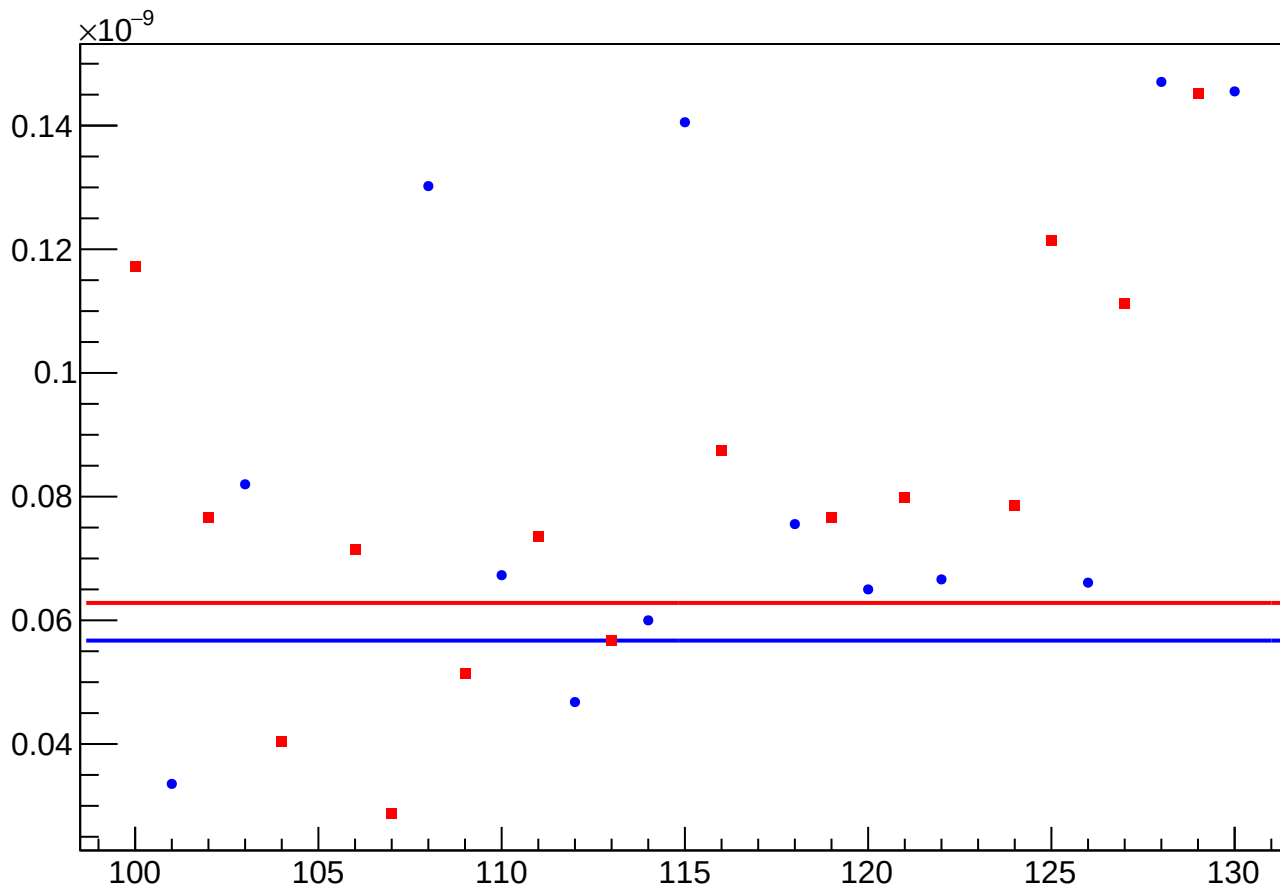
Right: 0.000+/-0.000 χ^2/NDF : 30.7/27

In: 0.000+/-0.000 χ^2/NDF : 12.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.7/27

asym_sam4_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1319753.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 990749.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

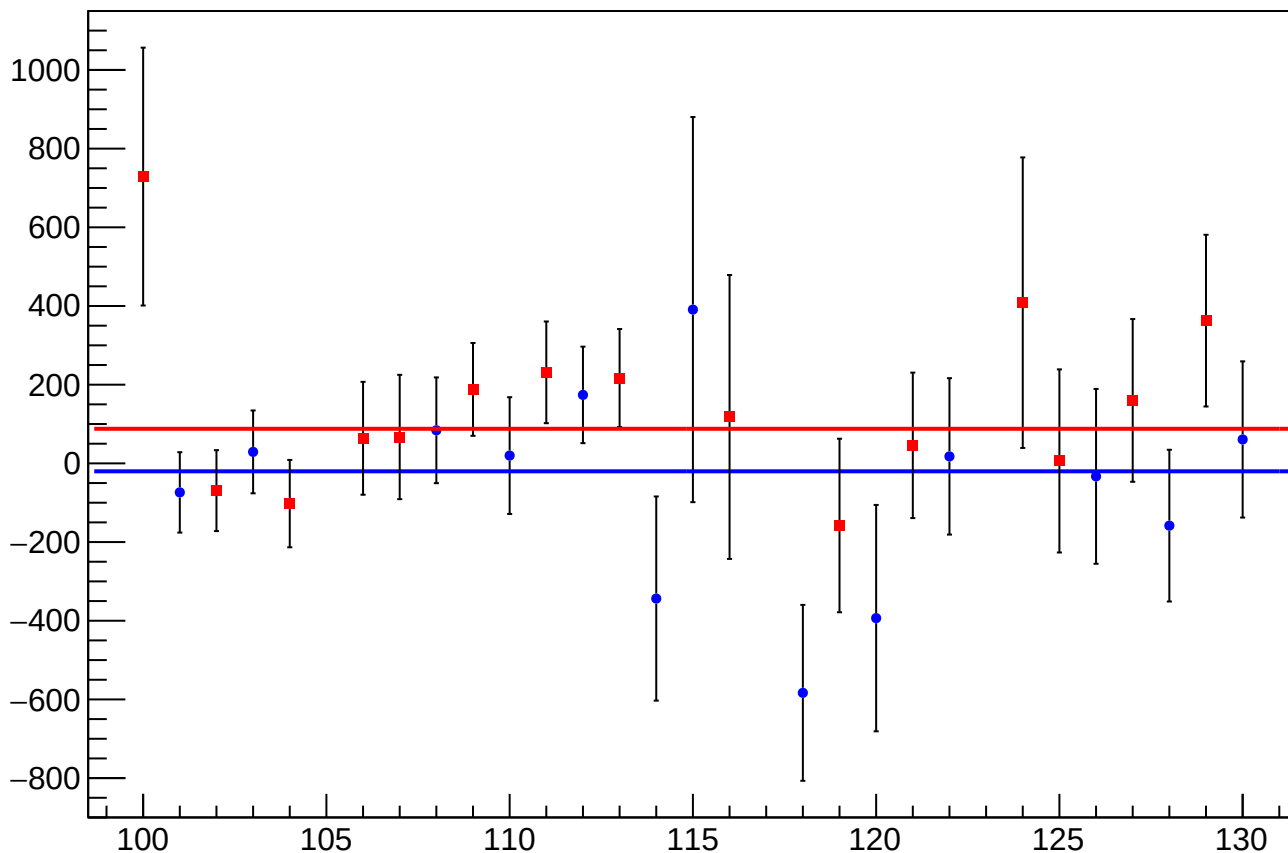
Right: 0.000+/-0.000 χ^2/NDF : 2343807.4/27

In: 0.000+/-0.000 χ^2/NDF : 1319753.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2343807.4/27

reg_asym_sam5_mean vs Slug, Sign Corrected



Right In: -20.179 ± 44.618 χ^2/NDF : 14.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 87.919 ± 40.917 χ^2/NDF : 16.1/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

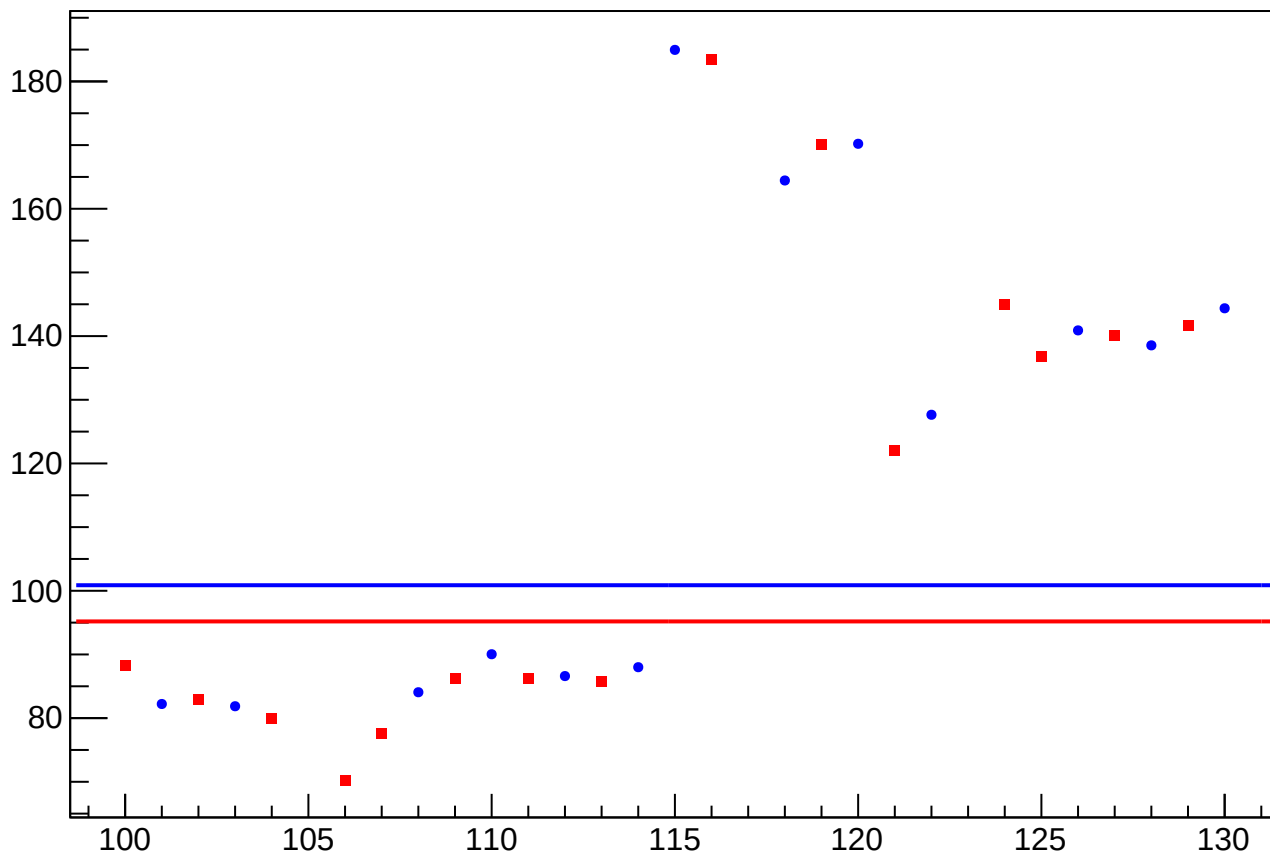
Right: 38.539 ± 30.156 χ^2/NDF : 33.9/27

In: -20.179 ± 44.618 χ^2/NDF : 14.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 38.539 ± 30.156 χ^2/NDF : 33.9/27

reg_asym_sam5_rms vs Slug, Sign Corrected



Right In: 100.873+/-0.032 χ^2/NDF : 816220.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 95.188+/-0.029 χ^2/NDF : 863186.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

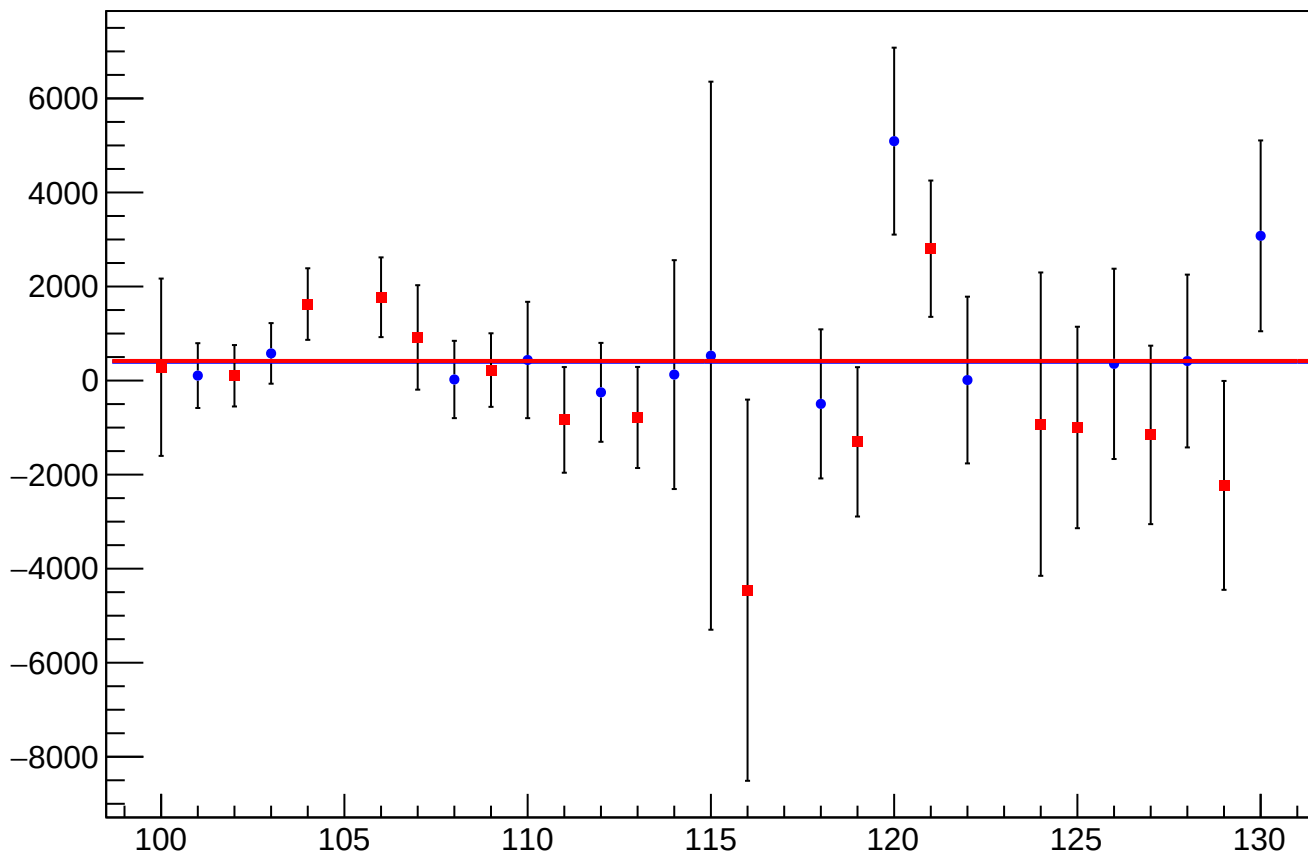
Right: 97.785+/-0.021 χ^2/NDF : 1697045.6/27

In: 100.873+/-0.032 χ^2/NDF :816220.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 97.785+/-0.021 χ^2/NDF : 1697045.6/27

asym_sam5_reg_correction_mean vs Slug, Sign Corrected



Right In: 399.631+/-324.404 χ^2/NDF : 8.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 417.089+/-293.941 χ^2/NDF : 16.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

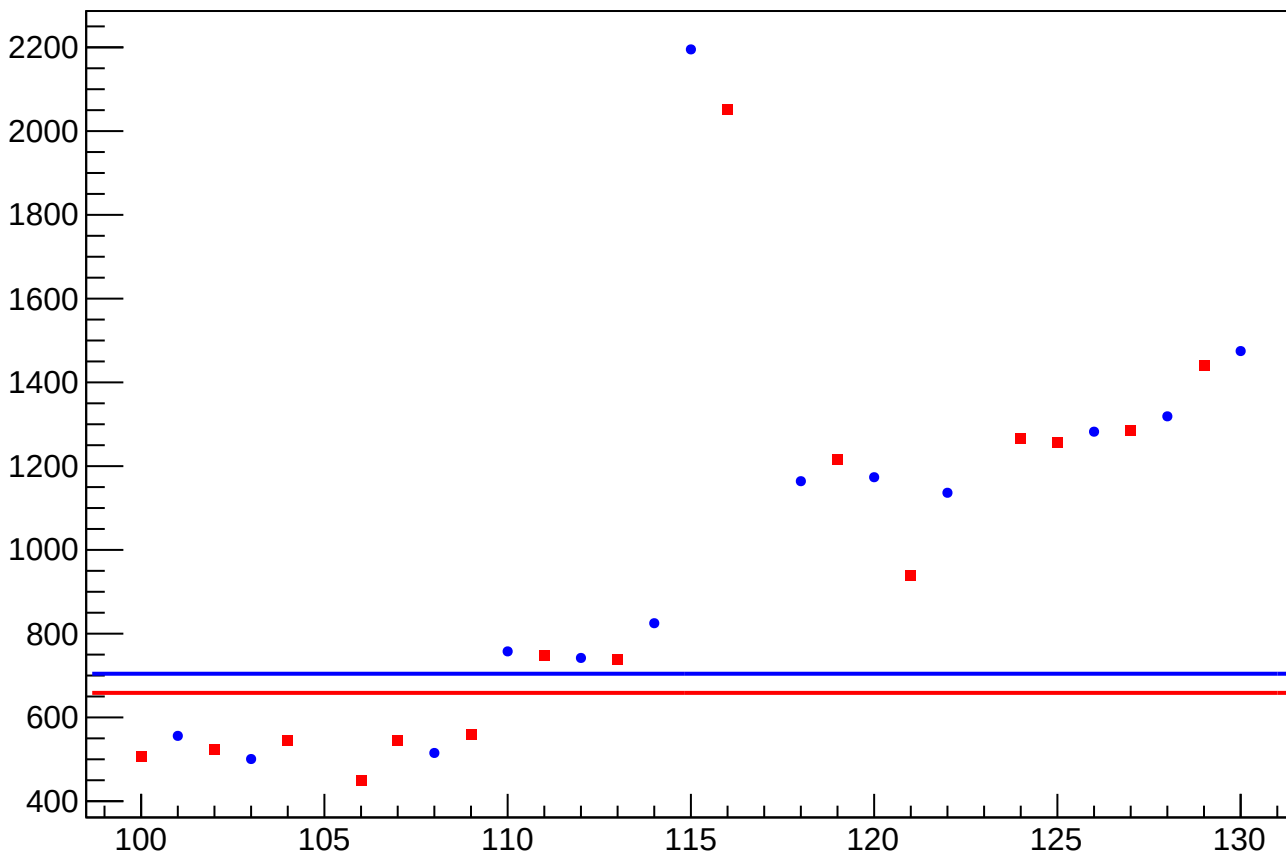
Right: 409.218+/-217.823 χ^2/NDF : 24.7/27

In: 399.631+/-324.404 χ^2/NDF : 8.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 409.218+/-217.823 χ^2/NDF : 24.7/27

asym_sam5_reg_correction_rms vs Slug, Sign Corrected



Right In: 704.321+/-0.229 χ^2/NDF : 1614242.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 658.613+/-0.208 χ^2/NDF : 1590957.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

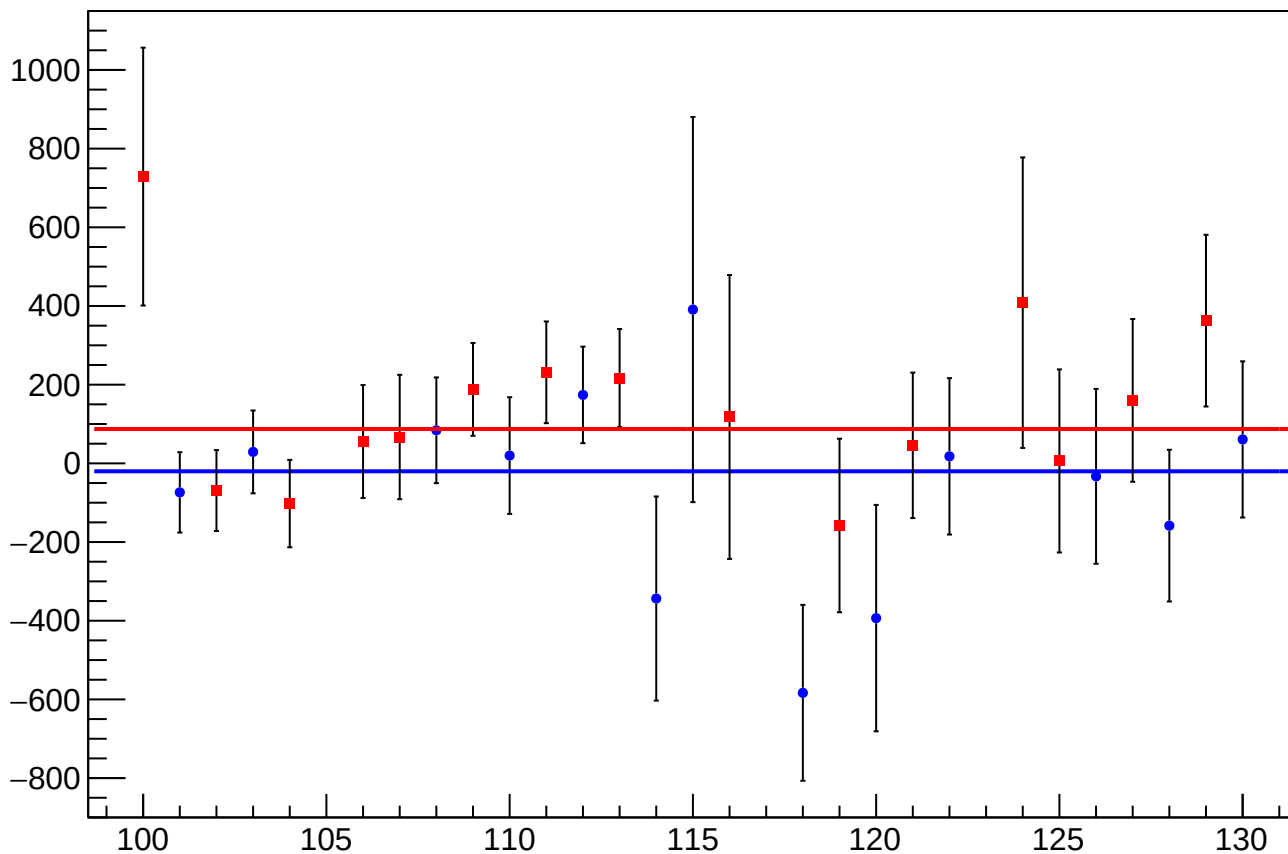
Right: 679.221+/-0.154 χ^2/NDF : 3227003.2/27

In: 704.321+/-0.229 χ^2/NDF : 1614242.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 679.221+/-0.154 χ^2/NDF : 3227003.2/27

cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: -20.196+/-44.618 χ^2/NDF : 14.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.294+/-40.920 χ^2/NDF : 16.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

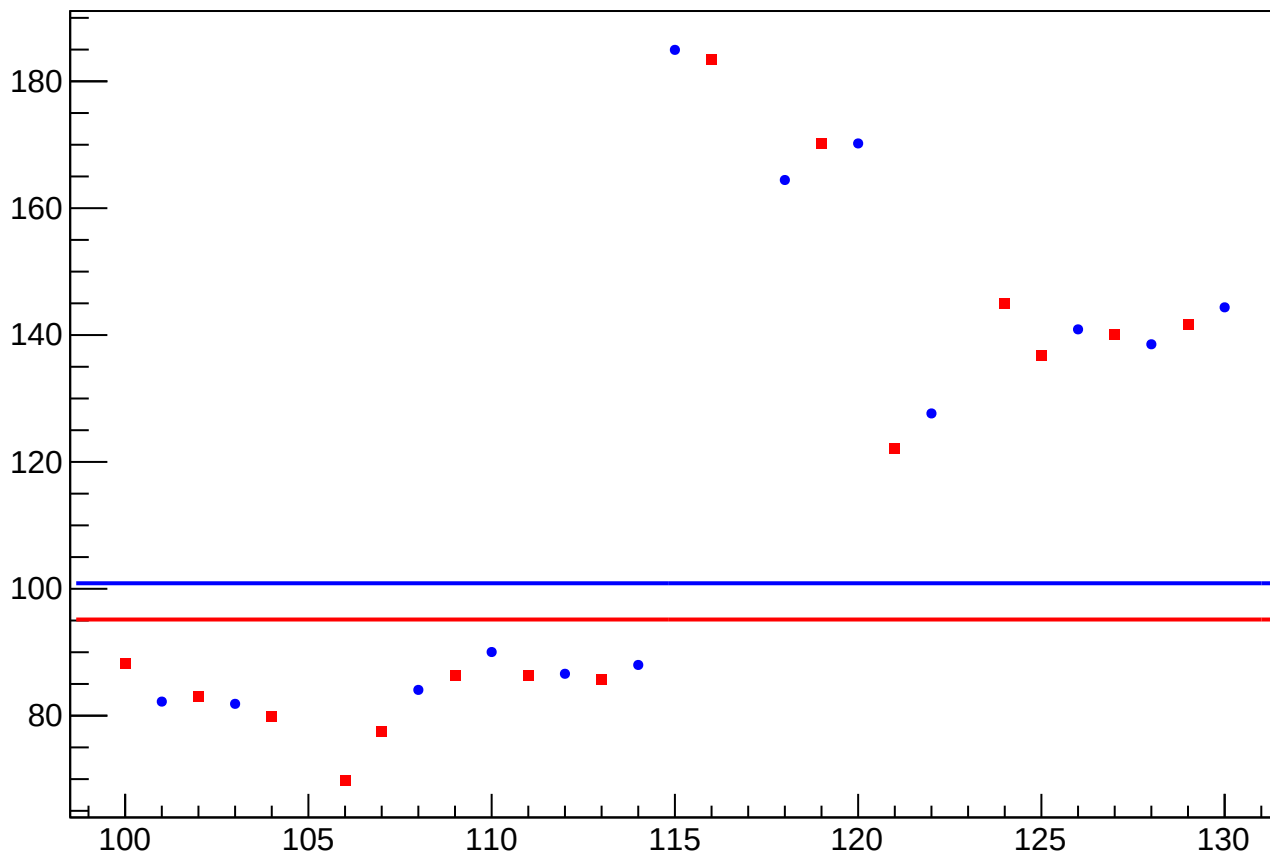
Right: 38.188+/-30.158 χ^2/NDF : 33.9/27

In: -20.196+/-44.618 χ^2/NDF : 14.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.188+/-30.158 χ^2/NDF : 33.9/27

cor_asym_sam5_rms vs Slug, Sign Corrected



Right In: 100.873+/-0.032 χ^2/NDF : 816220.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.159+/-0.029 χ^2/NDF : 865082.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

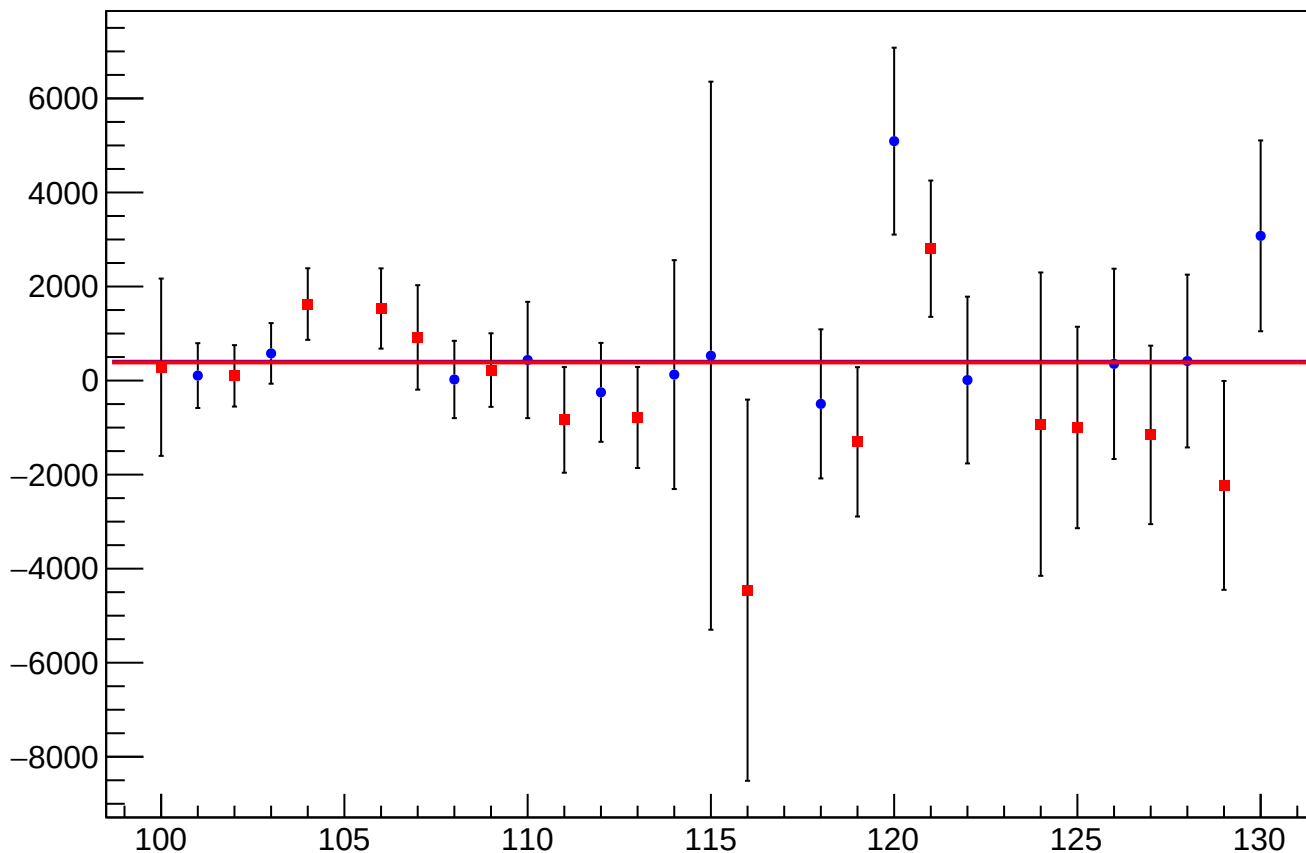
Right: 97.769+/-0.021 χ^2/NDF : 1699117.2/27

In: 100.873+/-0.032 χ^2/NDF : 816220.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.769+/-0.021 χ^2/NDF : 1699117.2/27

asym_sam5_cor_correction_mean vs Slug, Sign Corrected



Right In: 399.631+/-324.404 χ^2/NDF : 8.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 386.219+/-294.171 χ^2/NDF : 15.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

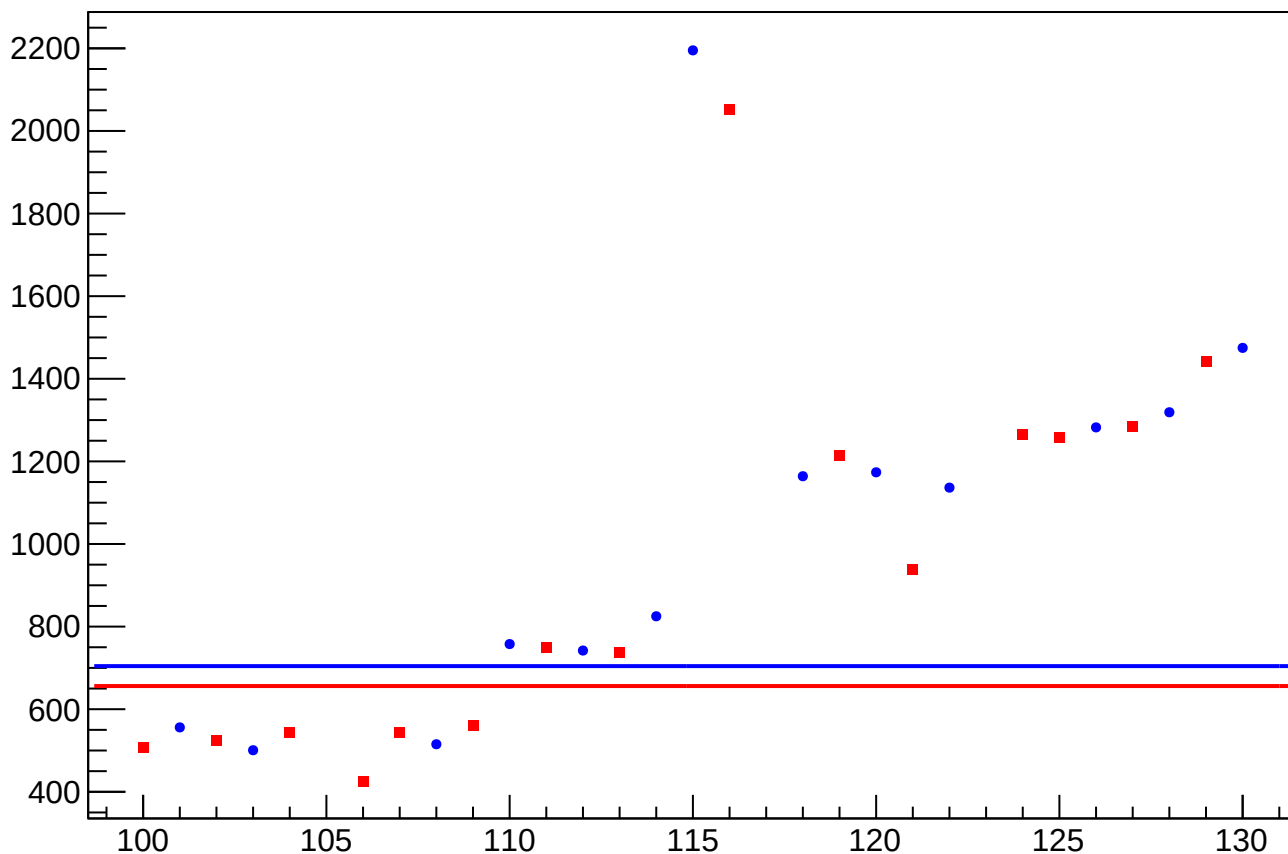
Right: 392.271+/-217.917 χ^2/NDF : 23.8/27

In: 399.631+/-324.404 χ^2/NDF :8.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 392.271+/-217.917 χ^2/NDF : 23.8/27

asym_sam5_cor_correction_rms vs Slug, Sign Corrected



Right In: 704.320+/-0.229 χ^2/NDF : 1614242.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 656.043+/-0.208 χ^2/NDF : 1618915.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

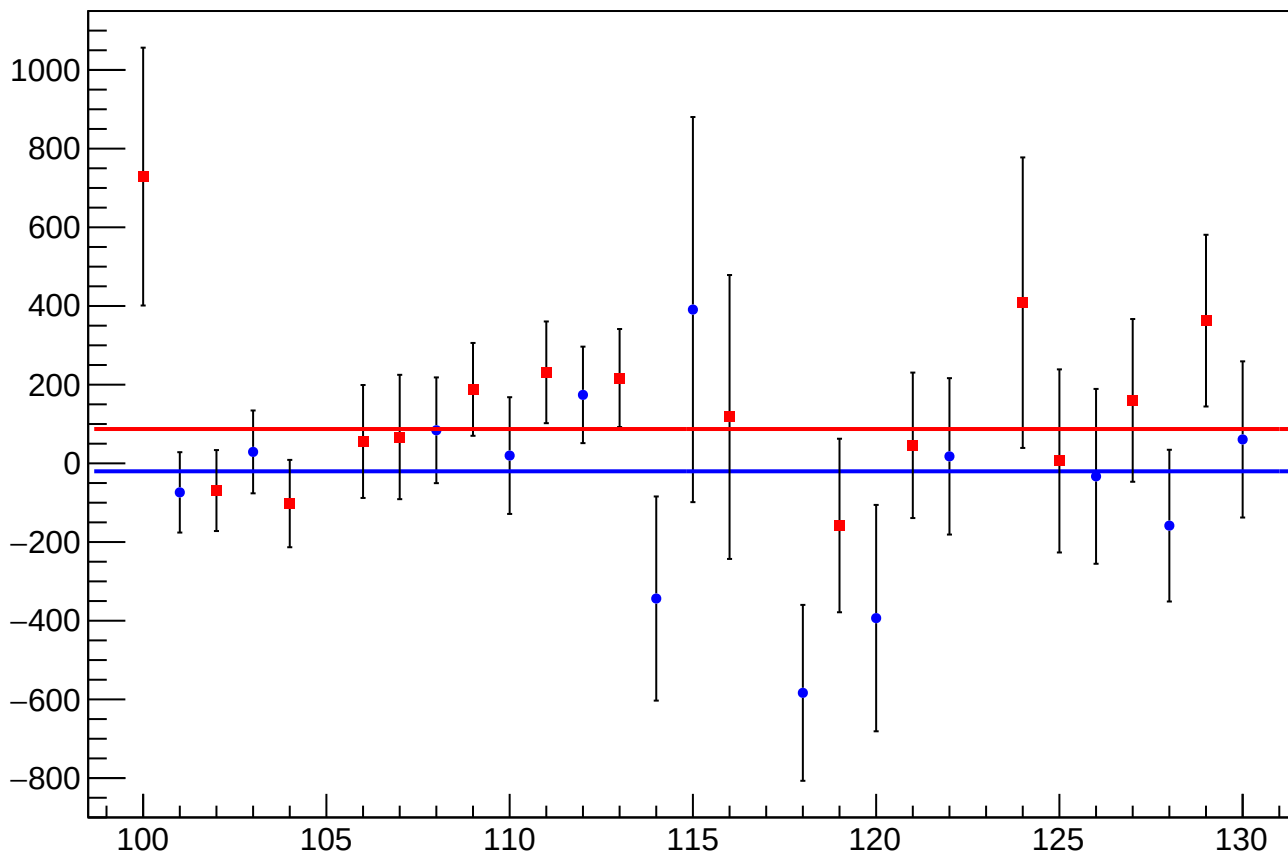
Right: 677.828+/-0.154 χ^2/NDF : 3257464.6/27

In: 704.320+/-0.229 χ^2/NDF : 1614242.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 677.828+/-0.154 χ^2/NDF : 3257464.6/27

eigen_cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: -20.196+/-44.618 χ^2/NDF : 14.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.294+/-40.920 χ^2/NDF : 16.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

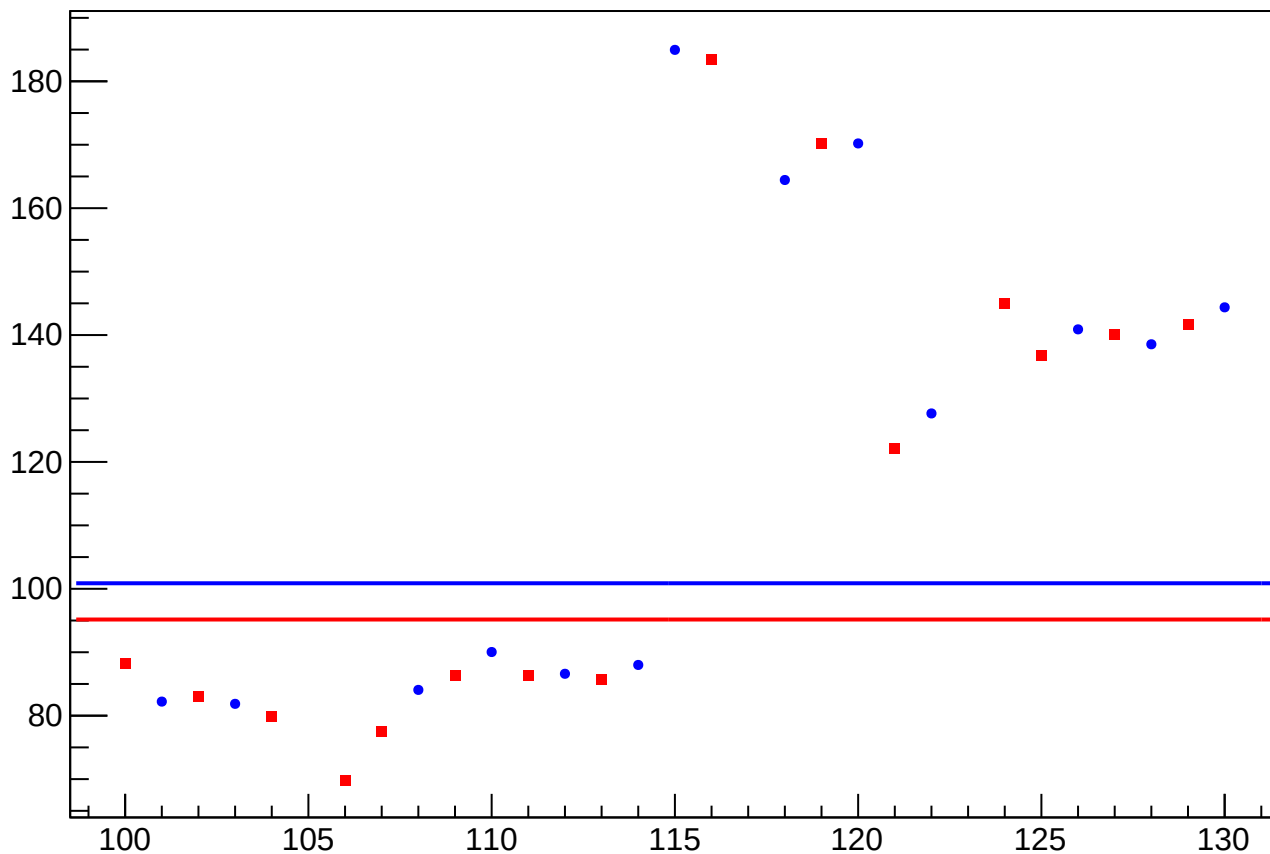
Right: 38.188+/-30.158 χ^2/NDF : 33.9/27

In: -20.196+/-44.618 χ^2/NDF : 14.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.188+/-30.158 χ^2/NDF : 33.9/27

eigen_cor_asym_sam5_rms vs Slug, Sign Corrected



Right In: 100.873+/-0.032 χ^2/NDF : 816220.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.159+/-0.029 χ^2/NDF : 865082.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

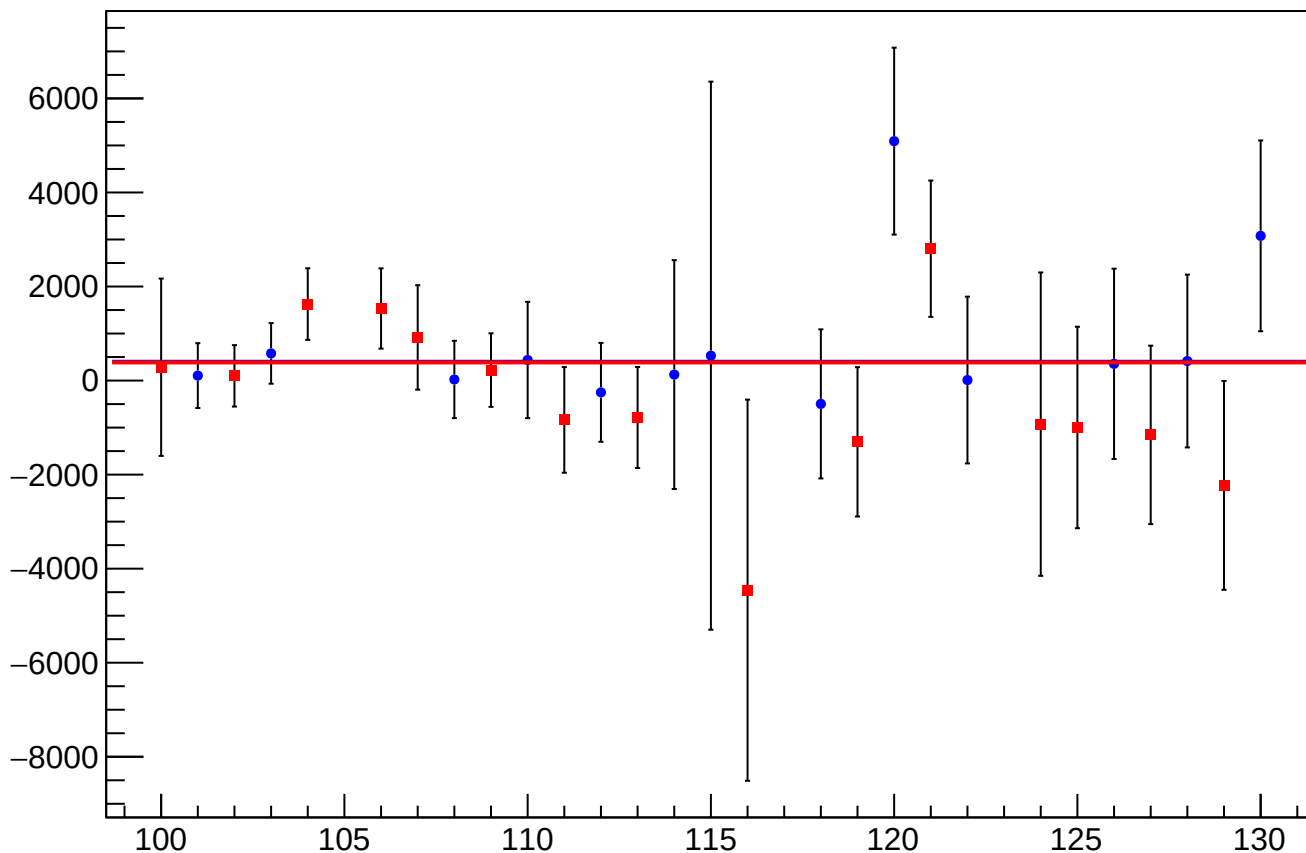
Right: 97.769+/-0.021 χ^2/NDF : 1699117.2/27

In: 100.873+/-0.032 χ^2/NDF : 816220.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.769+/-0.021 χ^2/NDF : 1699117.2/27

asym_sam5_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 399.631+/-324.404 χ^2/NDF : 8.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 386.219+/-294.171 χ^2/NDF : 15.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

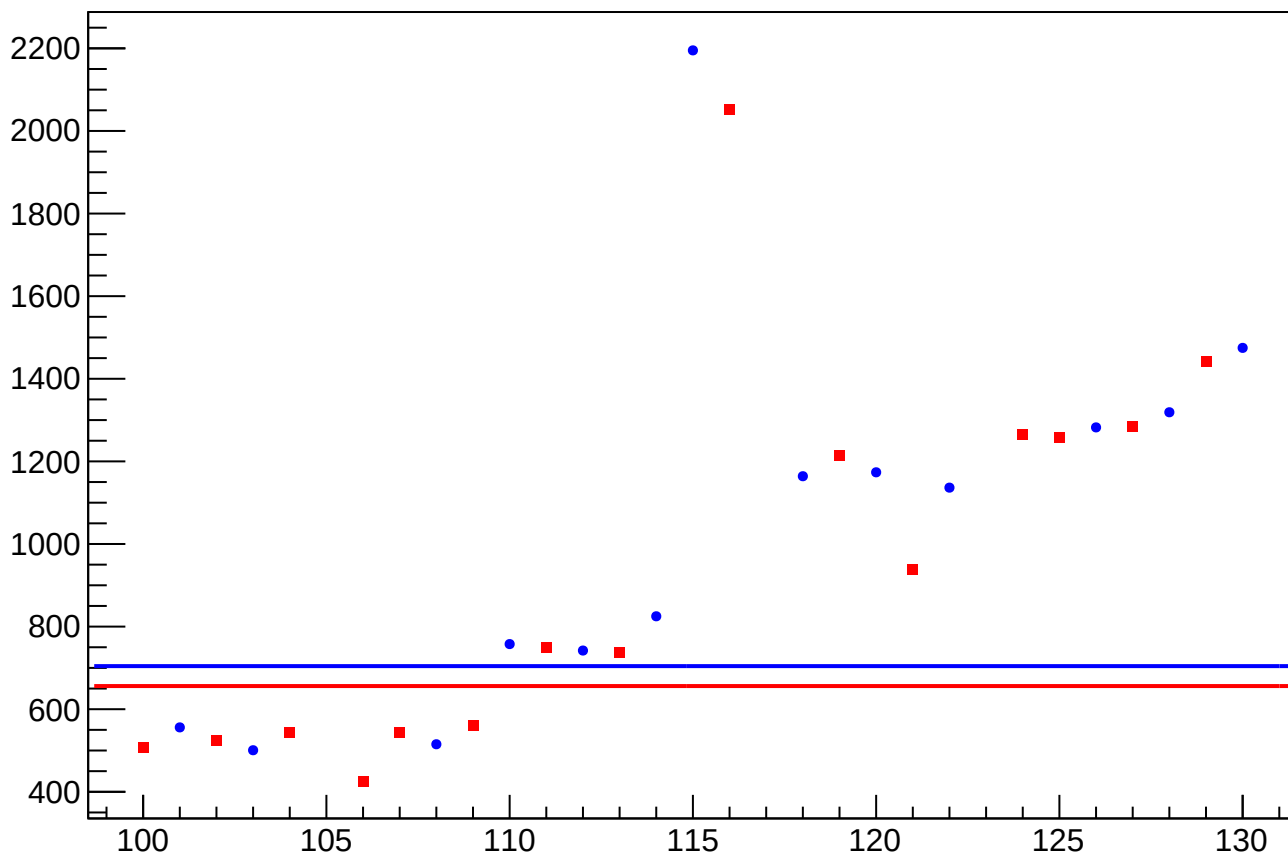
Right: 392.271+/-217.917 χ^2/NDF : 23.8/27

In: 399.631+/-324.404 χ^2/NDF : 8.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 392.271+/-217.917 χ^2/NDF : 23.8/27

asym_sam5_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 704.320+/-0.229 χ^2/NDF : 1614242.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 656.043+/-0.208 χ^2/NDF : 1618915.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

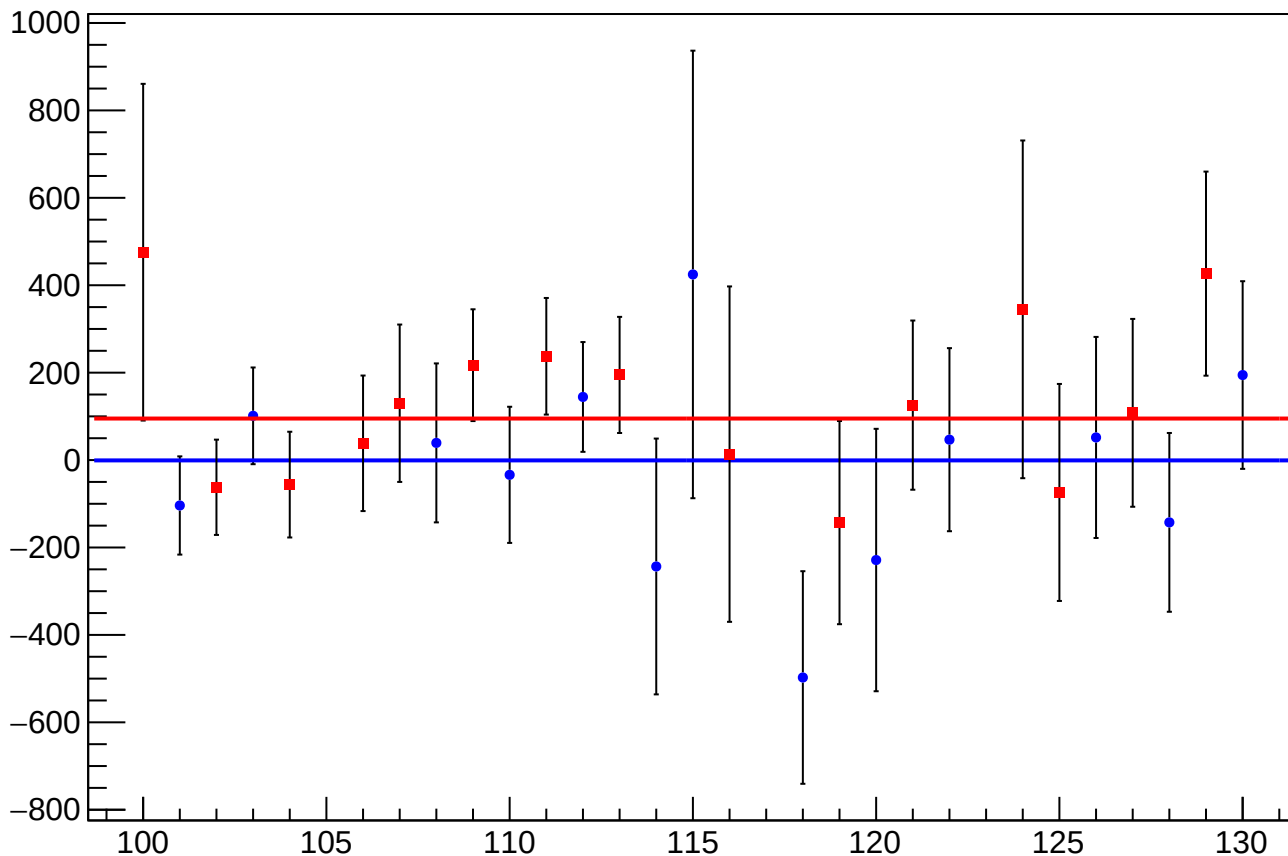
Right: 677.828+/-0.154 χ^2/NDF : 3257464.6/27

In: 704.320+/-0.229 χ^2/NDF : 1614242.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 677.828+/-0.154 χ^2/NDF : 3257464.6/27

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: -0.735 ± 48.417 χ^2/NDF : 10.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 95.026 ± 43.826 χ^2/NDF : 11.4/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

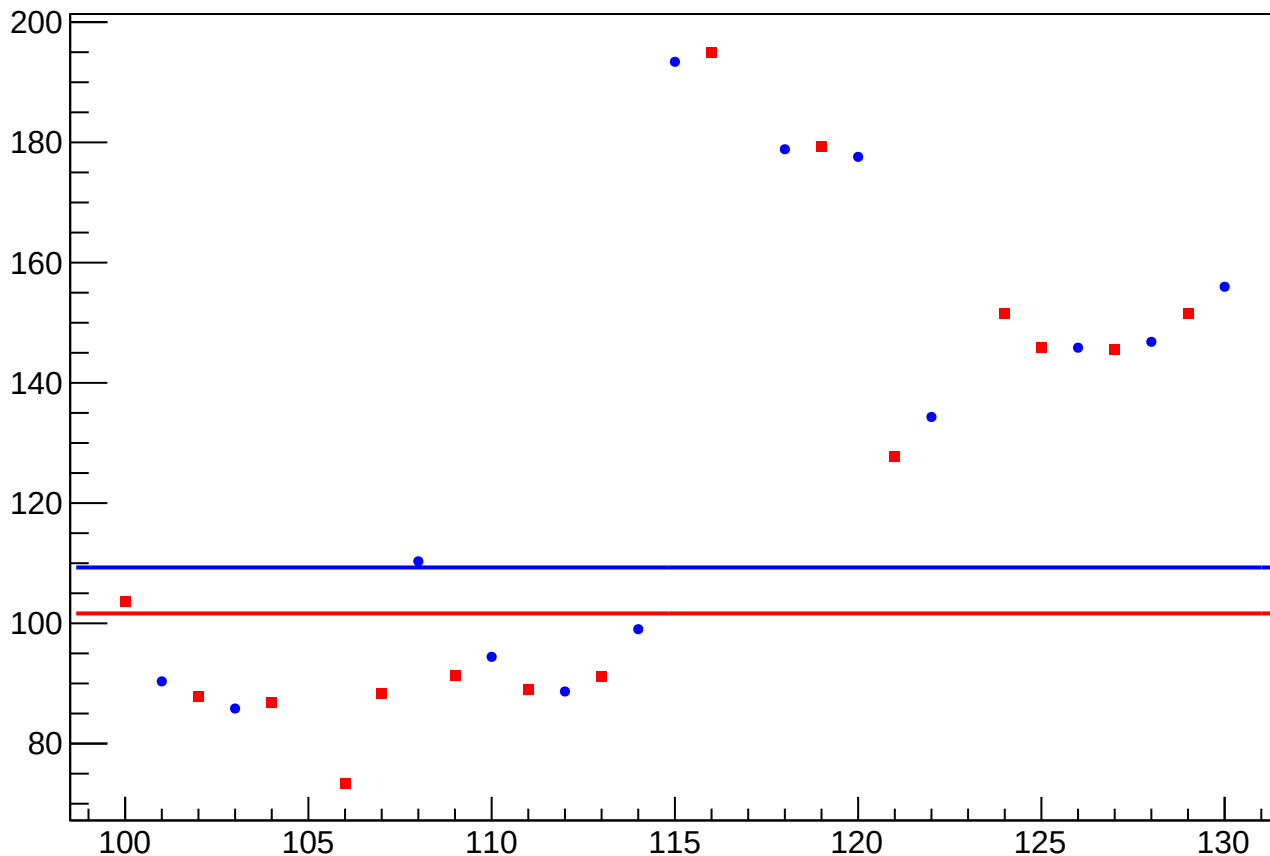
Right: 51.900 ± 32.492 χ^2/NDF : 24.2/27

In: -0.735 ± 48.417 χ^2/NDF : 10.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 51.900 ± 32.492 χ^2/NDF : 24.2/27

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 109.295+/-0.034 χ^2/NDF : 783713.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.650+/-0.031 χ^2/NDF : 832284.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

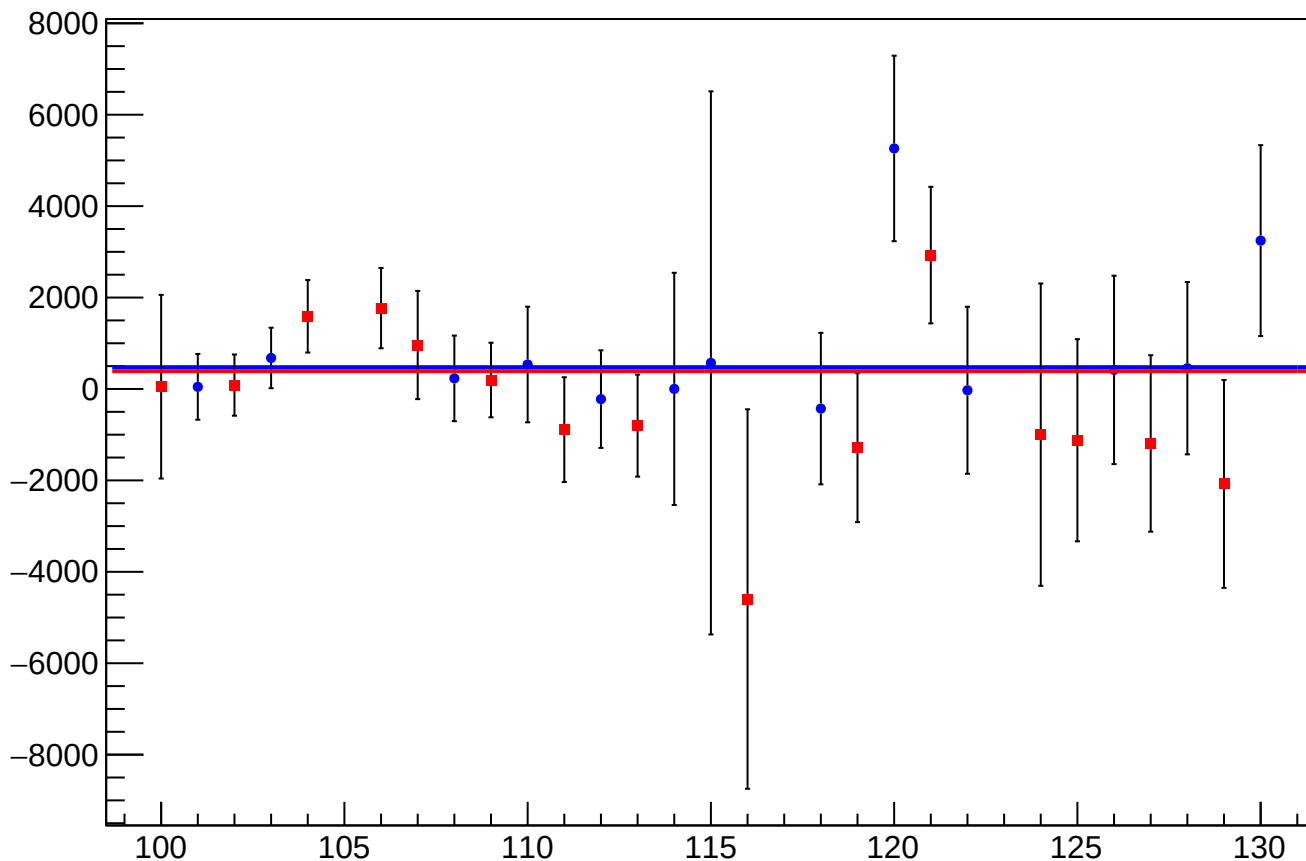
Right: 105.093+/-0.023 χ^2/NDF : 1643405.1/27

In: 109.295+/-0.034 χ^2/NDF : 783713.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.093+/-0.023 χ^2/NDF : 1643405.1/27

asym_sam5_dit_correction_mean vs Slug, Sign Corrected



Right In: 476.620+/-339.168 χ^2/NDF : 8.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 389.747+/-304.509 χ^2/NDF : 15.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

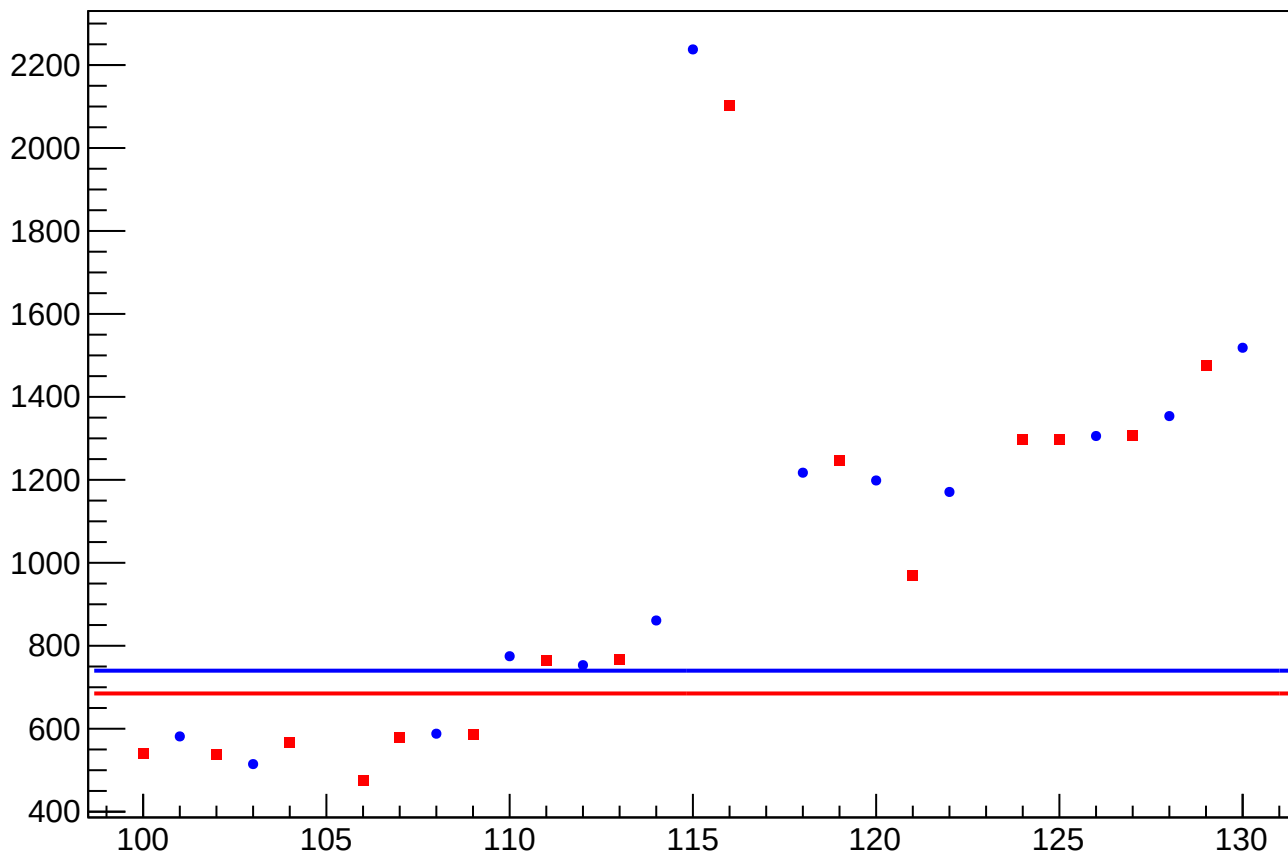
Right: 428.519+/-226.586 χ^2/NDF : 24.3/27

In: 476.620+/-339.168 χ^2/NDF :8.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 428.519+/-226.586 χ^2/NDF : 24.3/27

asym_sam5_dit_correction_rms vs Slug, Sign Corrected



Right In: 739.957+/-0.240 χ^2/NDF : 1534492.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 685.010+/-0.215 χ^2/NDF : 1546333.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

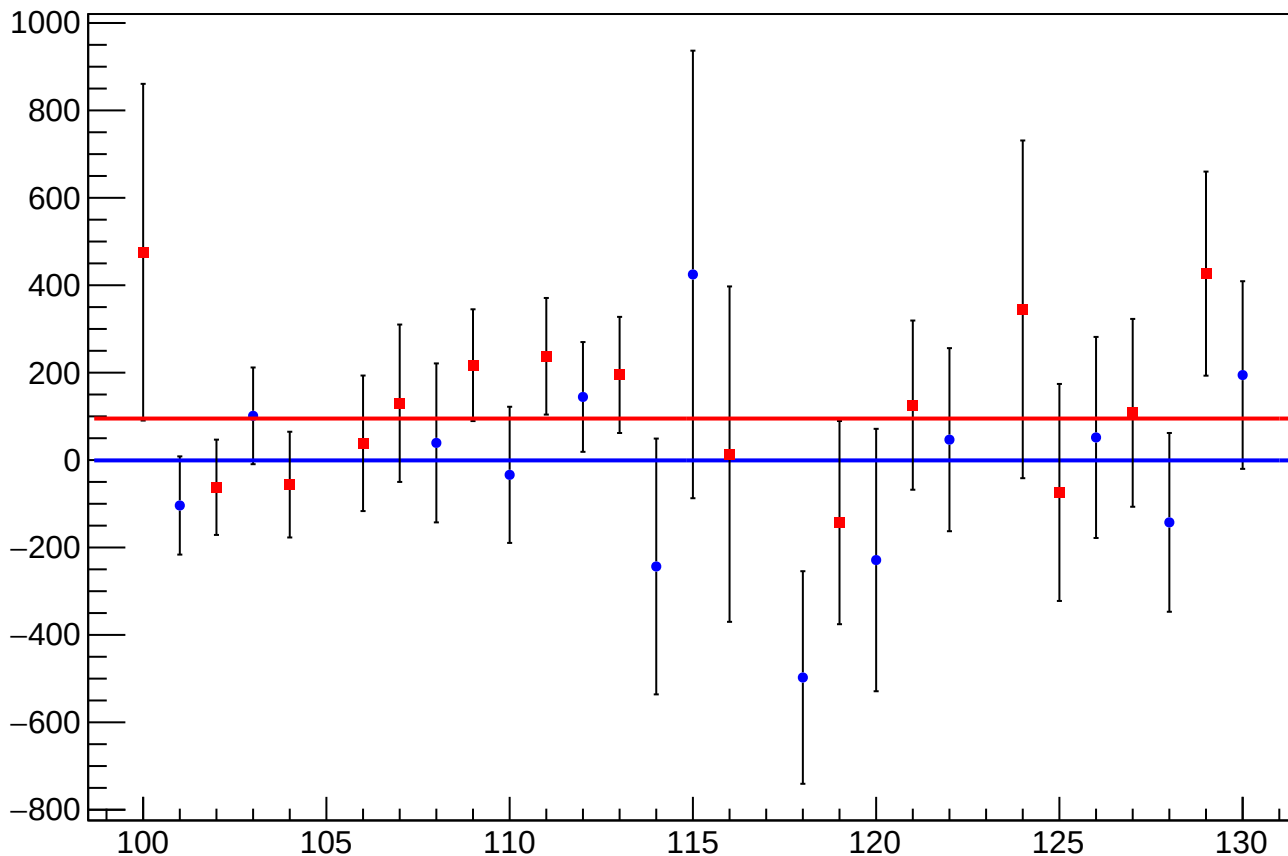
Right: 709.533+/-0.160 χ^2/NDF : 3109889.6/27

In: 739.957+/-0.240 χ^2/NDF : 1534492.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 709.533+/-0.160 χ^2/NDF : 3109889.6/27

eigen_dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: -0.737 ± 48.417 χ^2/NDF : 10.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 95.027 ± 43.826 χ^2/NDF : 11.4/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

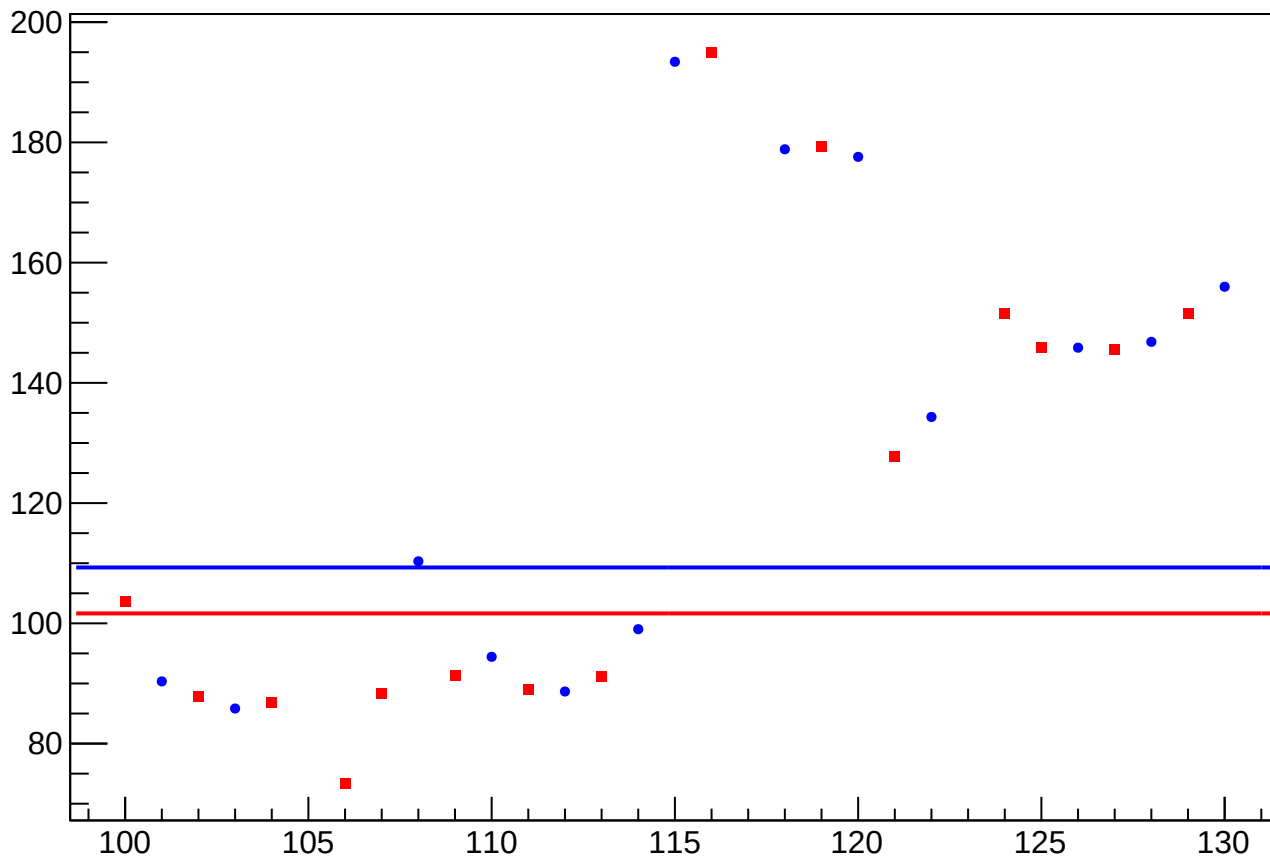
Right: 51.900 ± 32.492 χ^2/NDF : 24.2/27

In: -0.737 ± 48.417 χ^2/NDF : 10.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 51.900 ± 32.492 χ^2/NDF : 24.2/27

eigen_dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 109.294+/-0.034 χ^2/NDF : 783707.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.650+/-0.031 χ^2/NDF : 832277.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

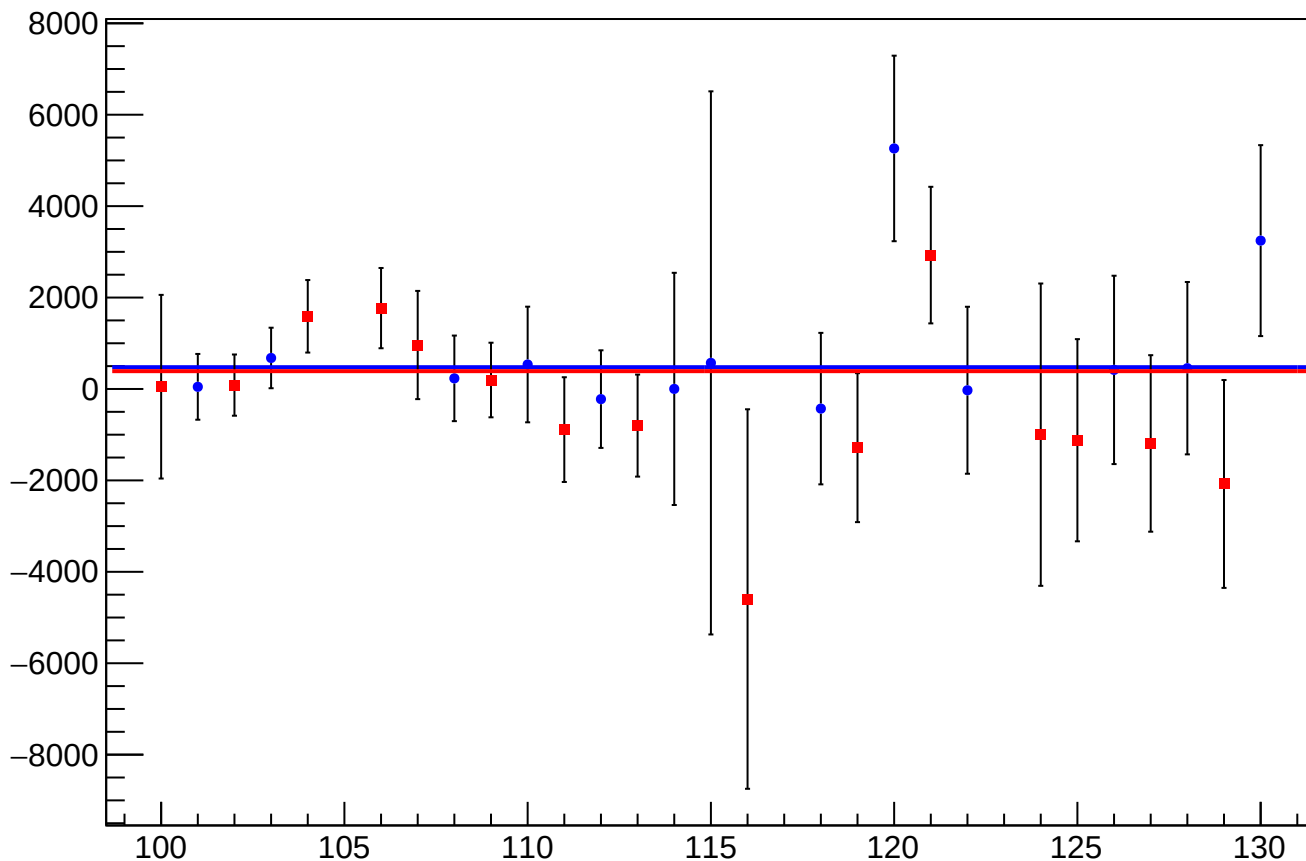
Right: 105.092+/-0.023 χ^2/NDF : 1643391.1/27

In: 109.294+/-0.034 χ^2/NDF : 783707.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.092+/-0.023 χ^2/NDF : 1643391.1/27

asym_sam5_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 476.620+/-339.167 χ^2/NDF : 8.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 389.747+/-304.509 χ^2/NDF : 15.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

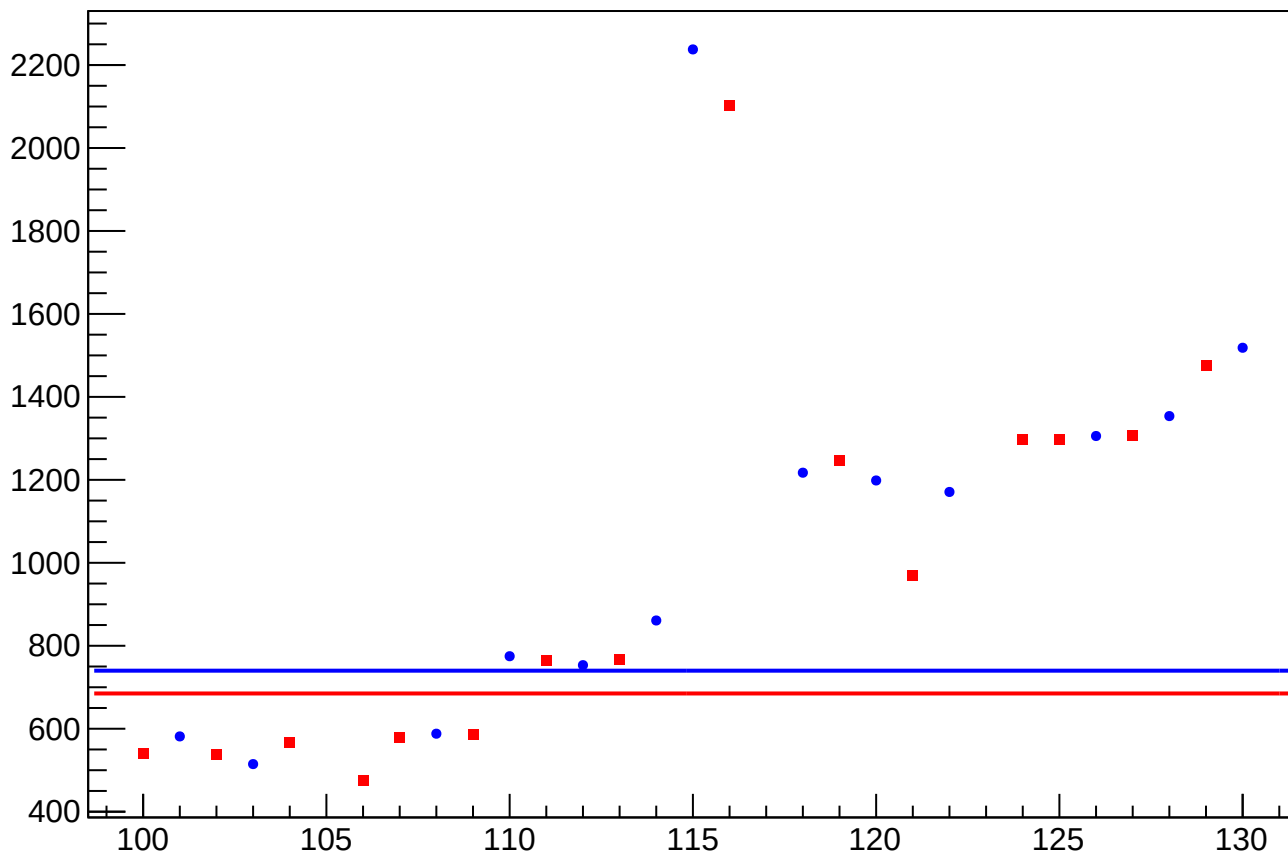
Right: 428.519+/-226.586 χ^2/NDF : 24.3/27

In: 476.620+/-339.167 χ^2/NDF :8.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 428.519+/-226.586 χ^2/NDF : 24.3/27

asym_sam5_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 739.956+/-0.240 χ^2/NDF : 1534488.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 685.009+/-0.215 χ^2/NDF : 1546328.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

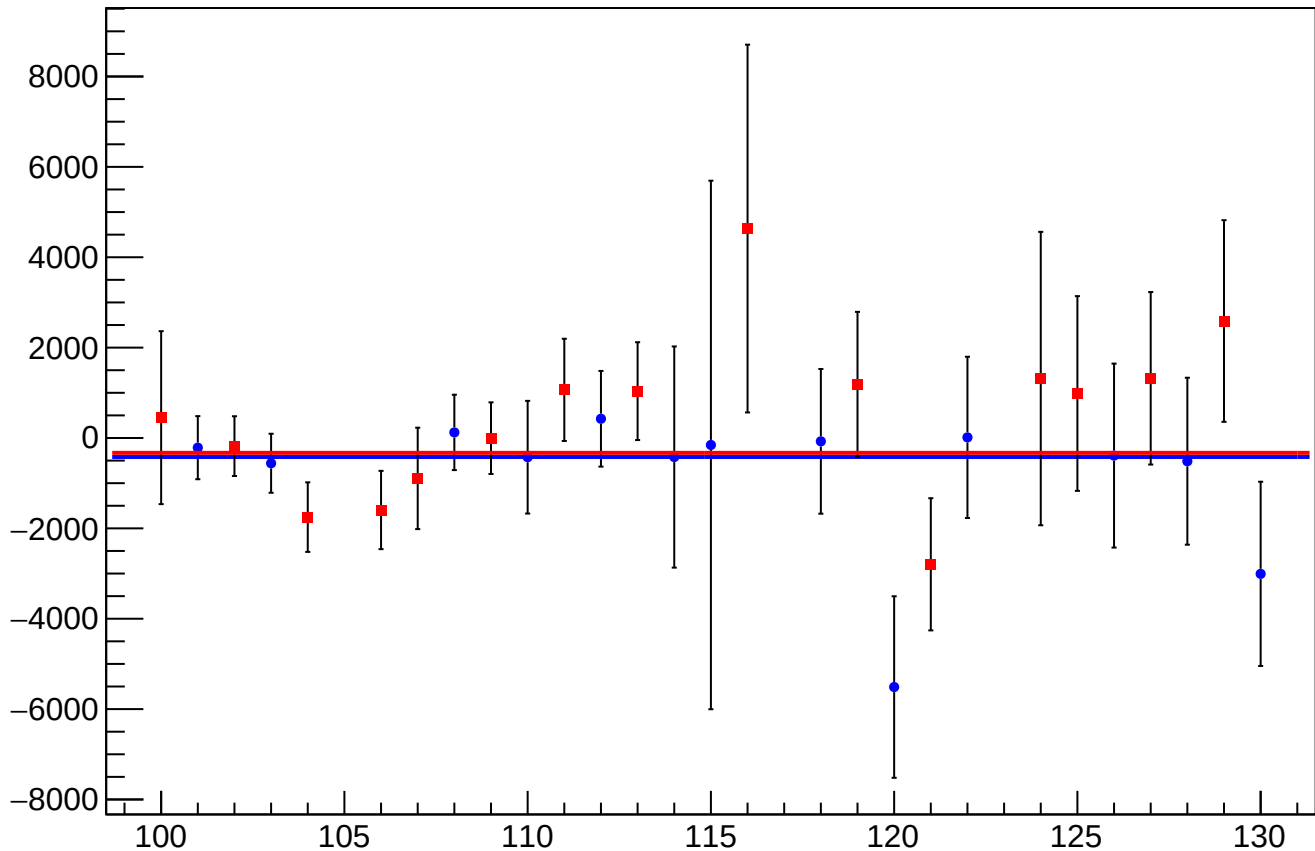
Right: 709.533+/-0.160 χ^2/NDF : 3109881.1/27

In: 739.956+/-0.240 χ^2/NDF : 1534488.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 709.533+/-0.160 χ^2/NDF : 3109881.1/27

asym_sam5_mean vs Slug, Sign Corrected



Right In: -419.886+/-328.043 χ^2/NDF : 9.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -328.501+/-297.453 χ^2/NDF : 17.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

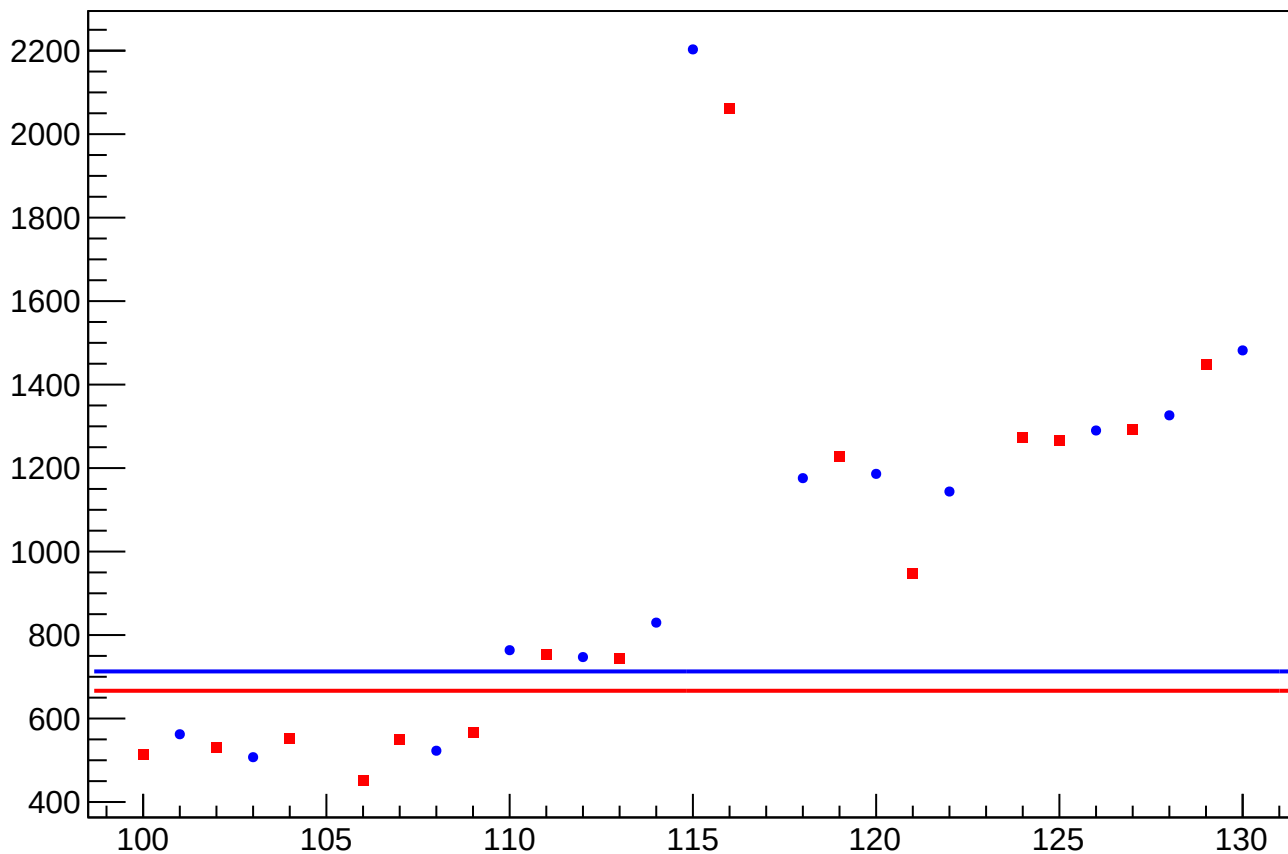
Right: -369.735+/-220.354 χ^2/NDF : 27.0/27

In: -419.886+/-328.043 χ^2/NDF : 9.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -369.735+/-220.354 χ^2/NDF : 27.0/27

asym_sam5_rms vs Slug, Sign Corrected



Right In: 712.821+/-0.232 χ^2/NDF : 1595476.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 666.478+/-0.210 χ^2/NDF : 1577476.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

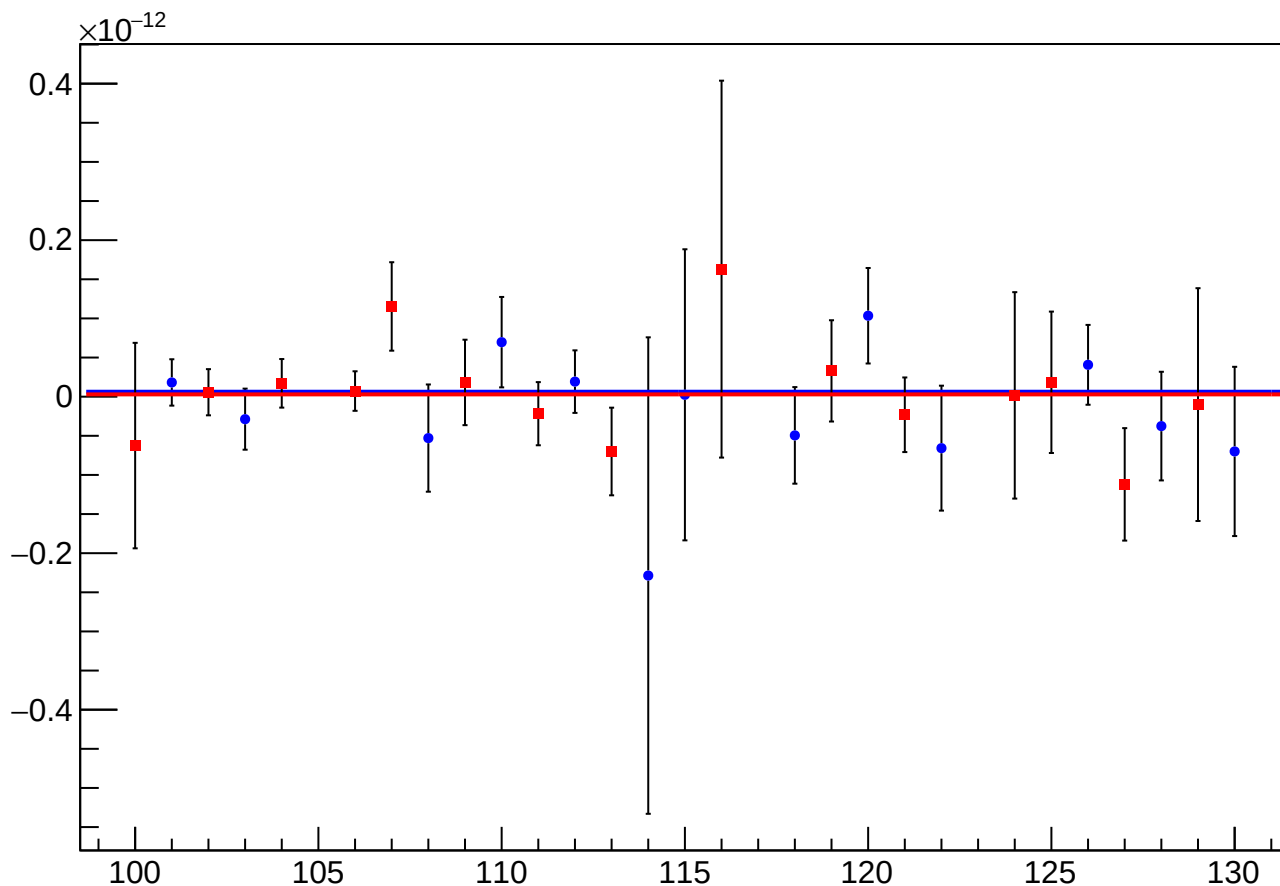
Right: 687.389+/-0.156 χ^2/NDF : 3194858.5/27

In: 712.821+/-0.232 χ^2/NDF : 1595476.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 687.389+/-0.156 χ^2/NDF : 3194858.5/27

asym_sam5_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

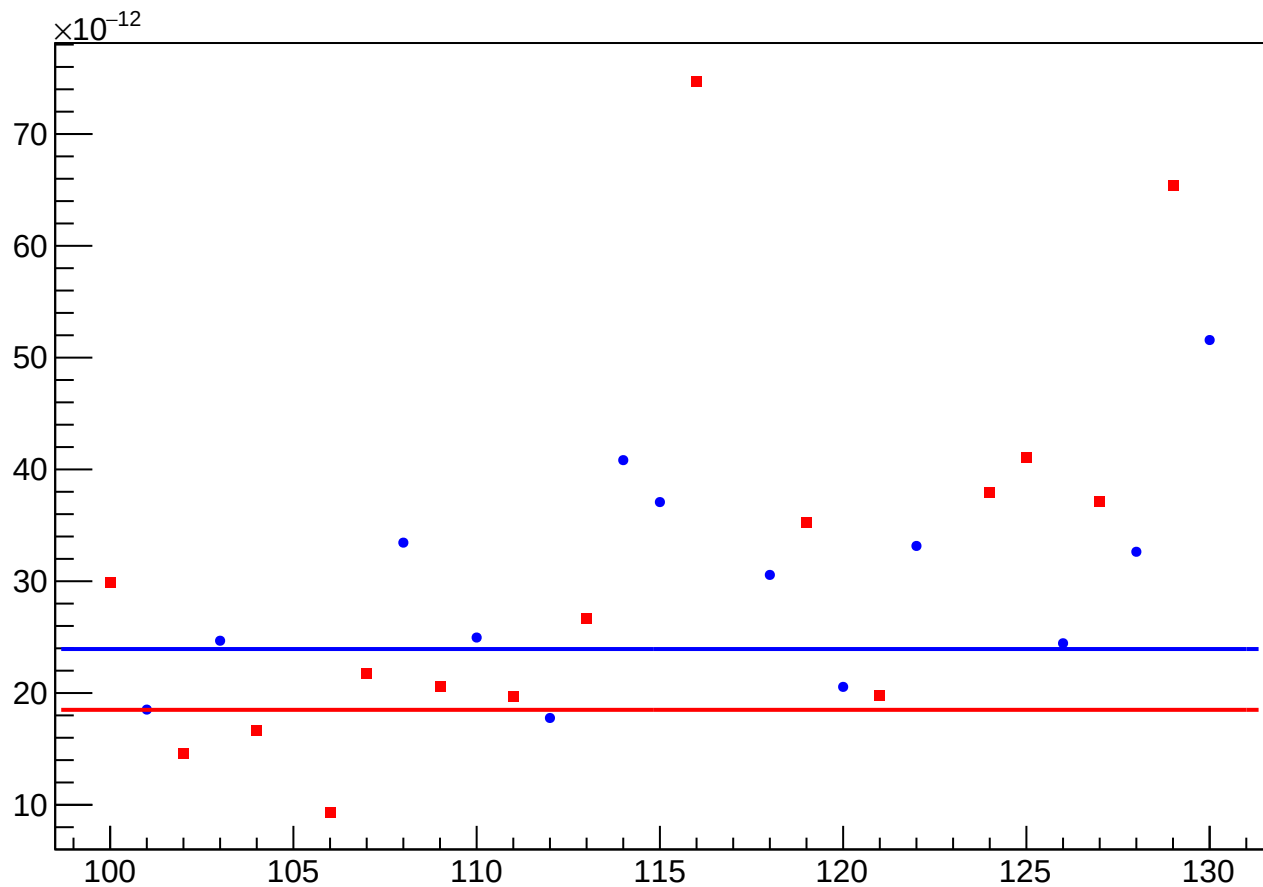
Right: 0.000+/-0.000 χ^2/NDF : 19.3/27

In: 0.000+/-0.000 χ^2/NDF : 9.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.3/27

asym_sam5_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 388755.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1122450.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

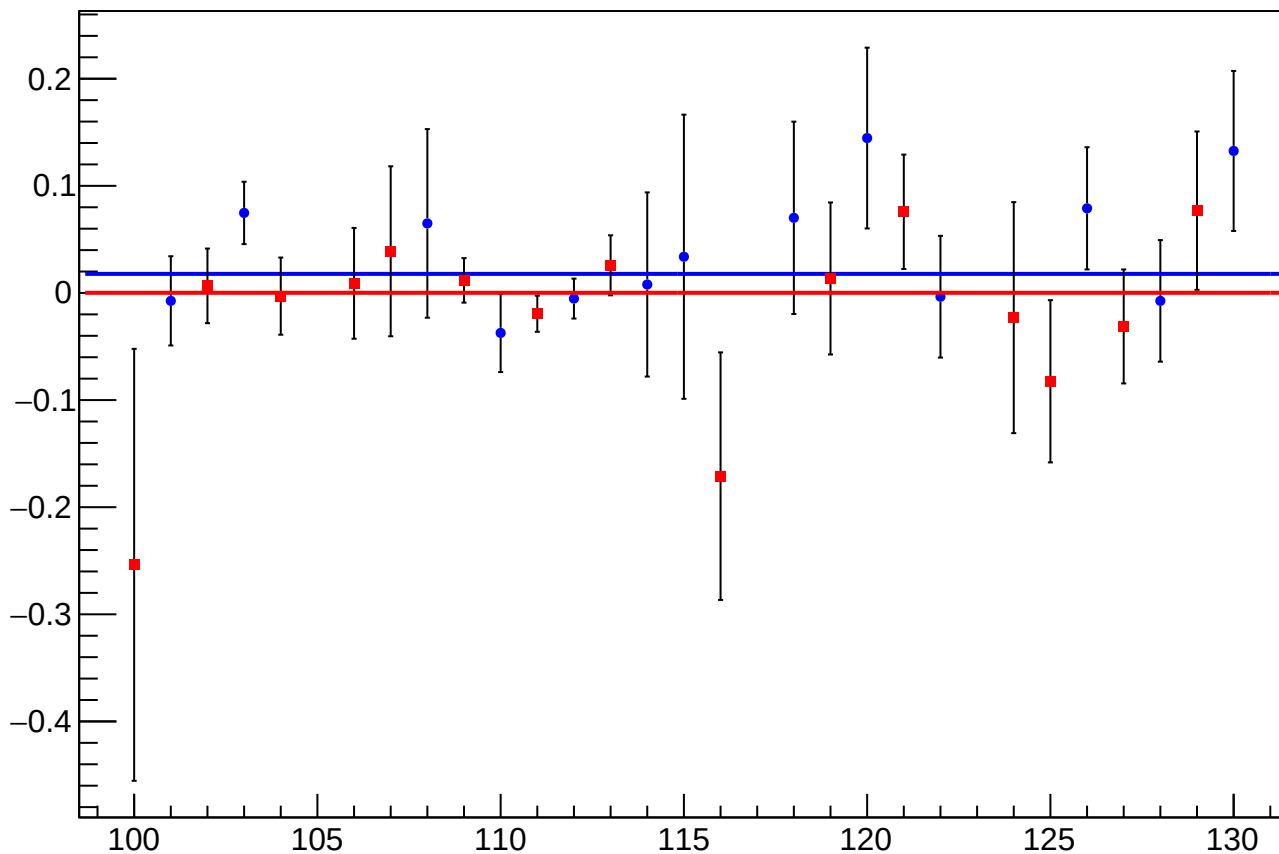
Right: 0.000+/-0.000 χ^2/NDF : 1665237.4/27

In: 0.000+/-0.000 χ^2/NDF : 388755.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1665237.4/27

asym_sam5_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.012 χ^2/NDF : 14.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.010 χ^2/NDF : 11.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

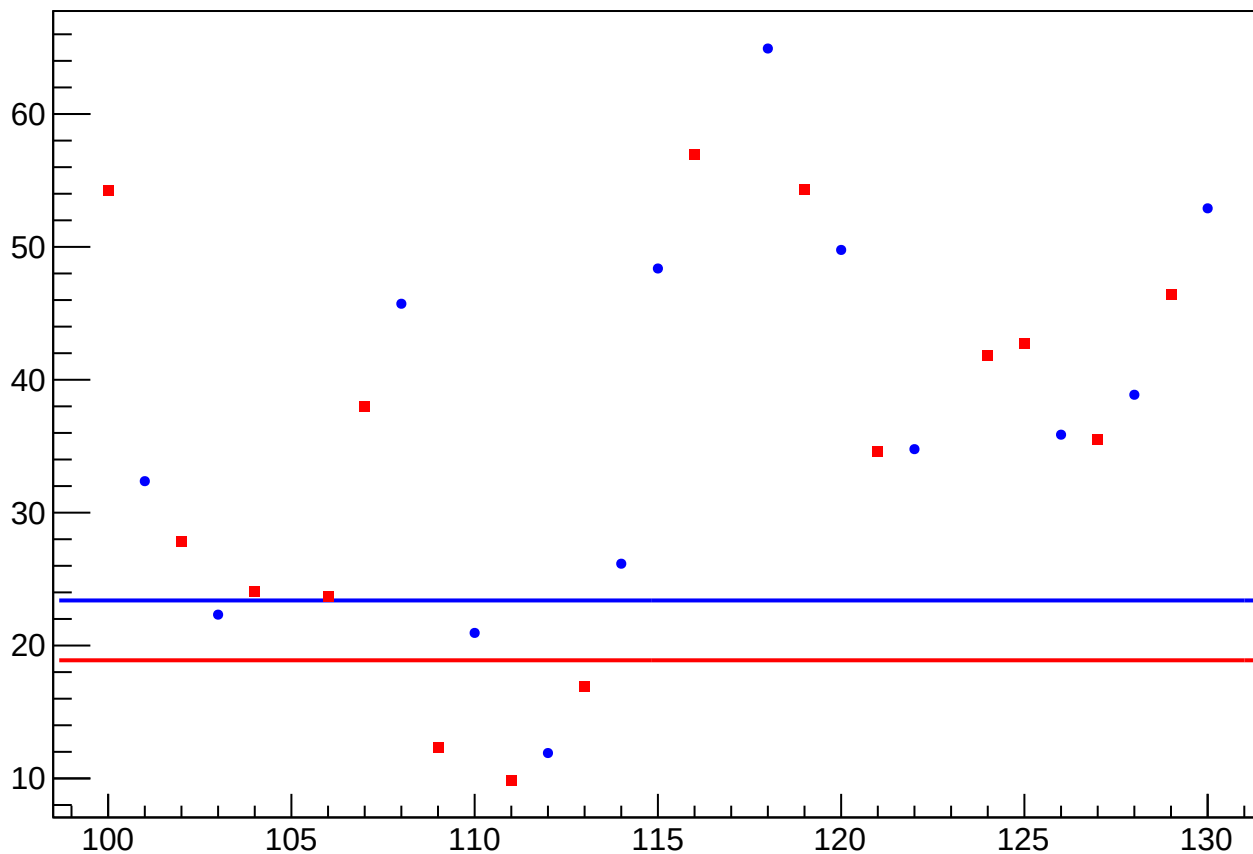
Right: 0.007+/-0.008 χ^2/NDF : 27.4/27

In: 0.018+/-0.012 χ^2/NDF : 14.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.008 χ^2/NDF : 27.4/27

asym_sam5_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.393+/-0.008 χ^2/NDF : 2325941.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 18.890+/-0.007 χ^2/NDF : 2803508.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

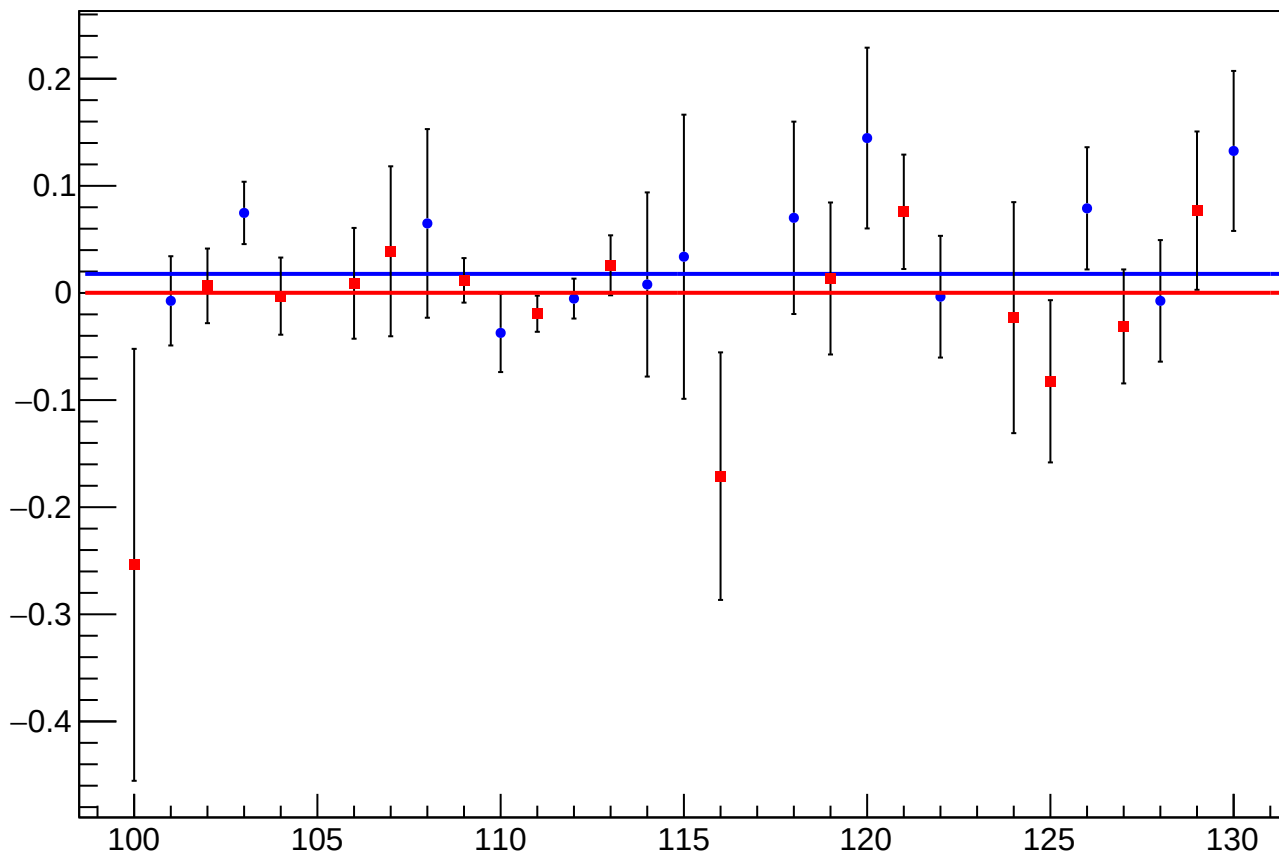
Right: 20.685+/-0.005 χ^2/NDF : 5302076.4/27

In: 23.393+/-0.008 χ^2/NDF :2325941.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20.685+/-0.005 χ^2/NDF : 5302076.4/27

asym_sam5_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018 $\pm$ 0.012 χ^2 /NDF: 14.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.010 χ^2 /NDF: 11.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

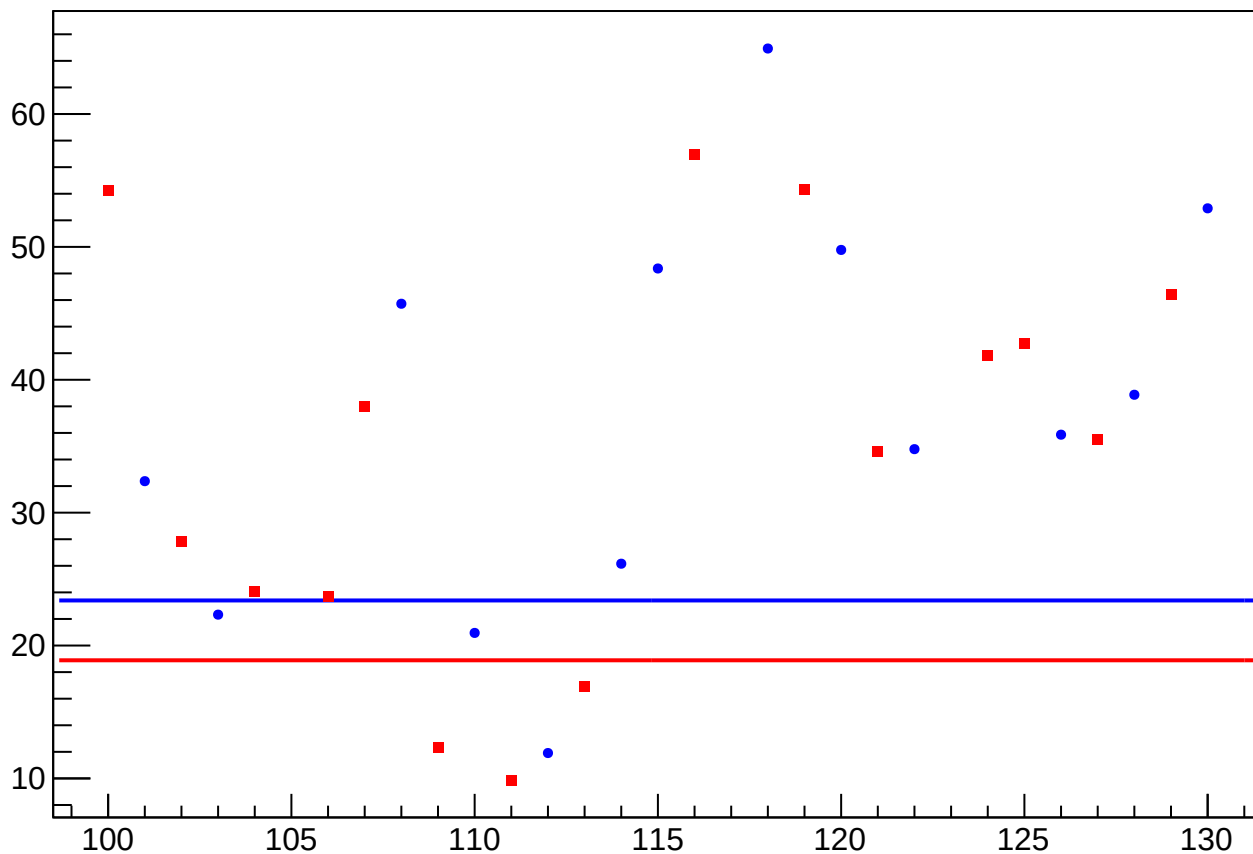
Right: 0.007 $\pm$ 0.008 χ^2 /NDF: 27.4/27

In: 0.018 $\pm$ 0.012 χ^2 /NDF:14.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.007 $\pm$ 0.008 χ^2 /NDF: 27.4/27

asym_sam5_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.393+/-0.008 χ^2/NDF : 2325941.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.890+/-0.007 χ^2/NDF : 2803508.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

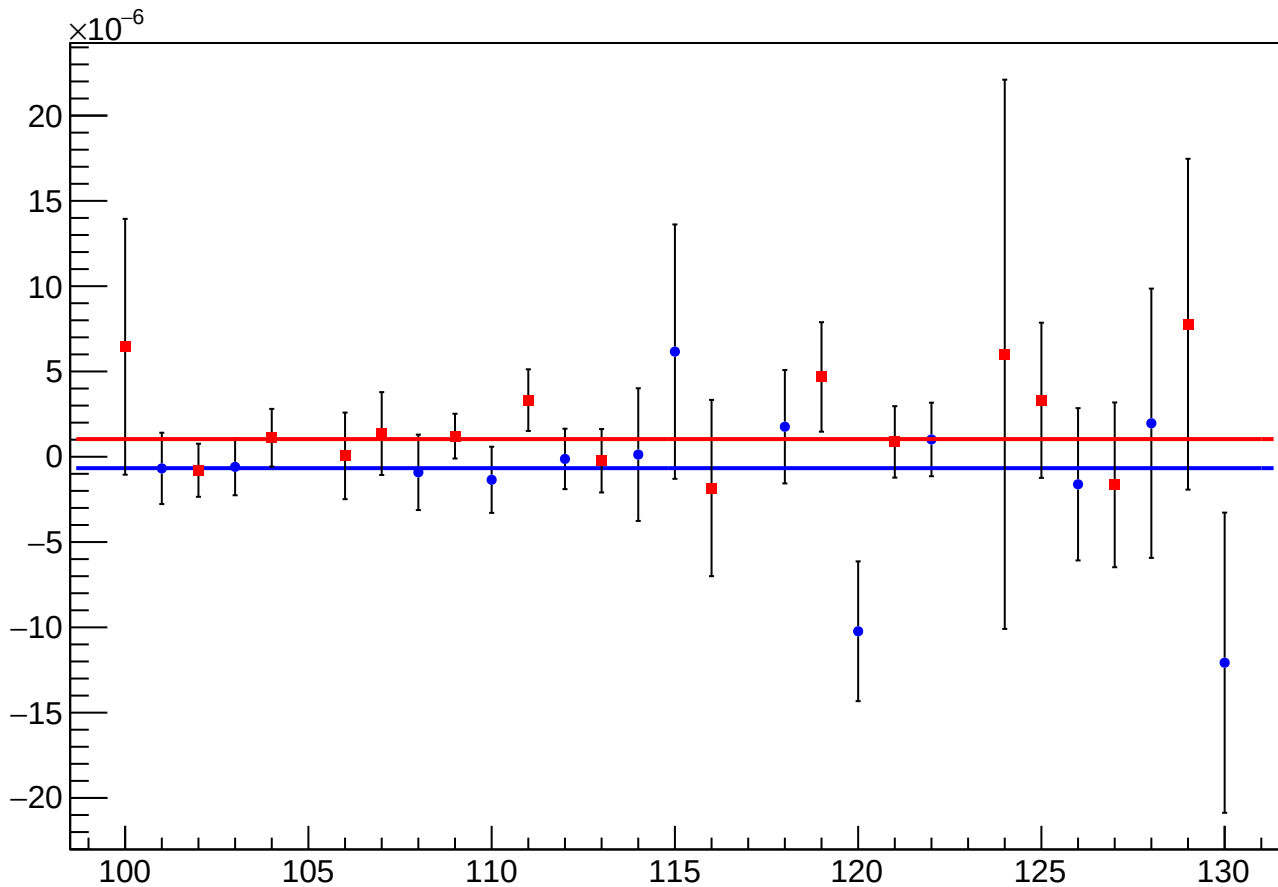
Right: 20.685+/-0.005 χ^2/NDF : 5302076.4/27

In: 23.393+/-0.008 χ^2/NDF : 2325941.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.685+/-0.005 χ^2/NDF : 5302076.4/27

asym_sam5_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

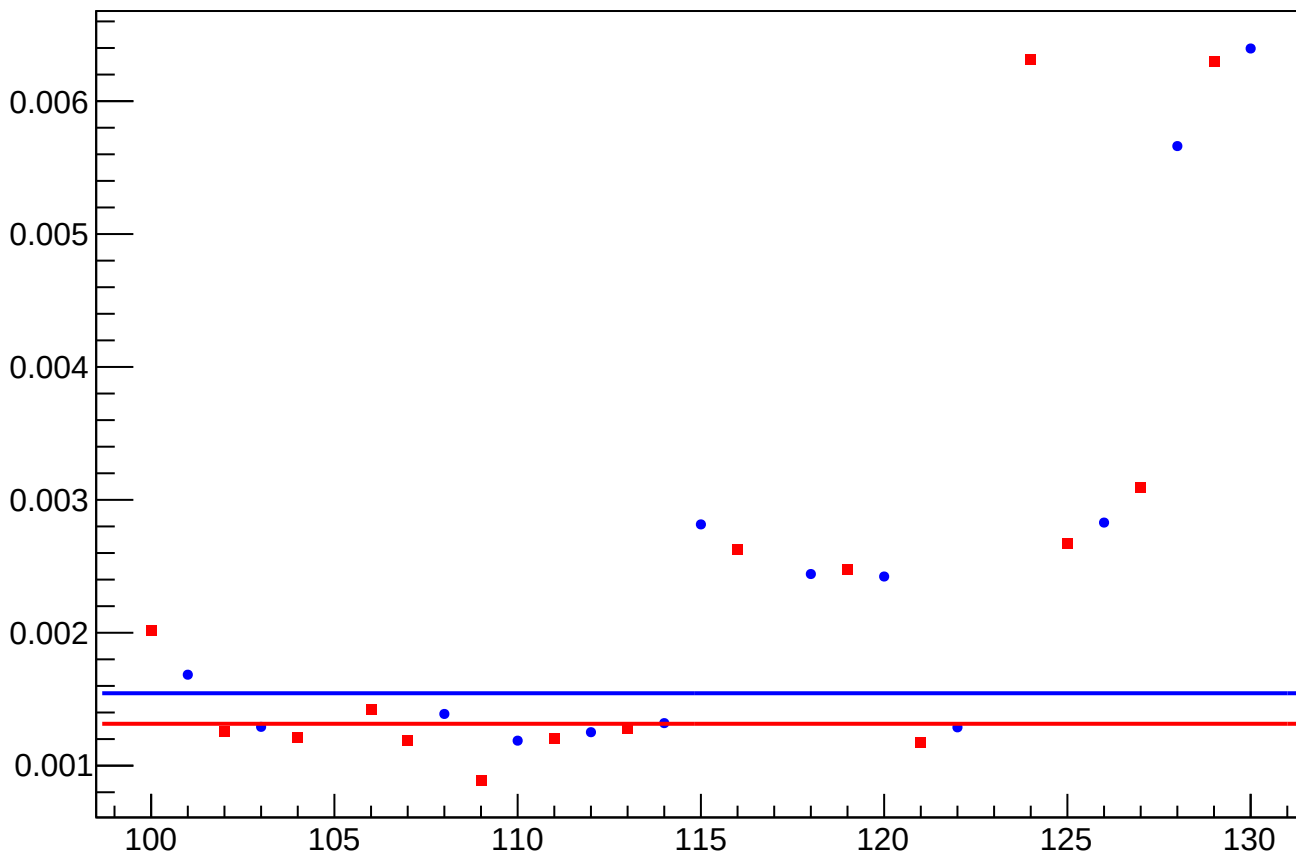
Right: 0.000+/-0.000 χ^2/NDF : 19.7/27

In: -0.000+/-0.000 χ^2/NDF : 9.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.7/27

asym_sam5_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1836116.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1827036.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

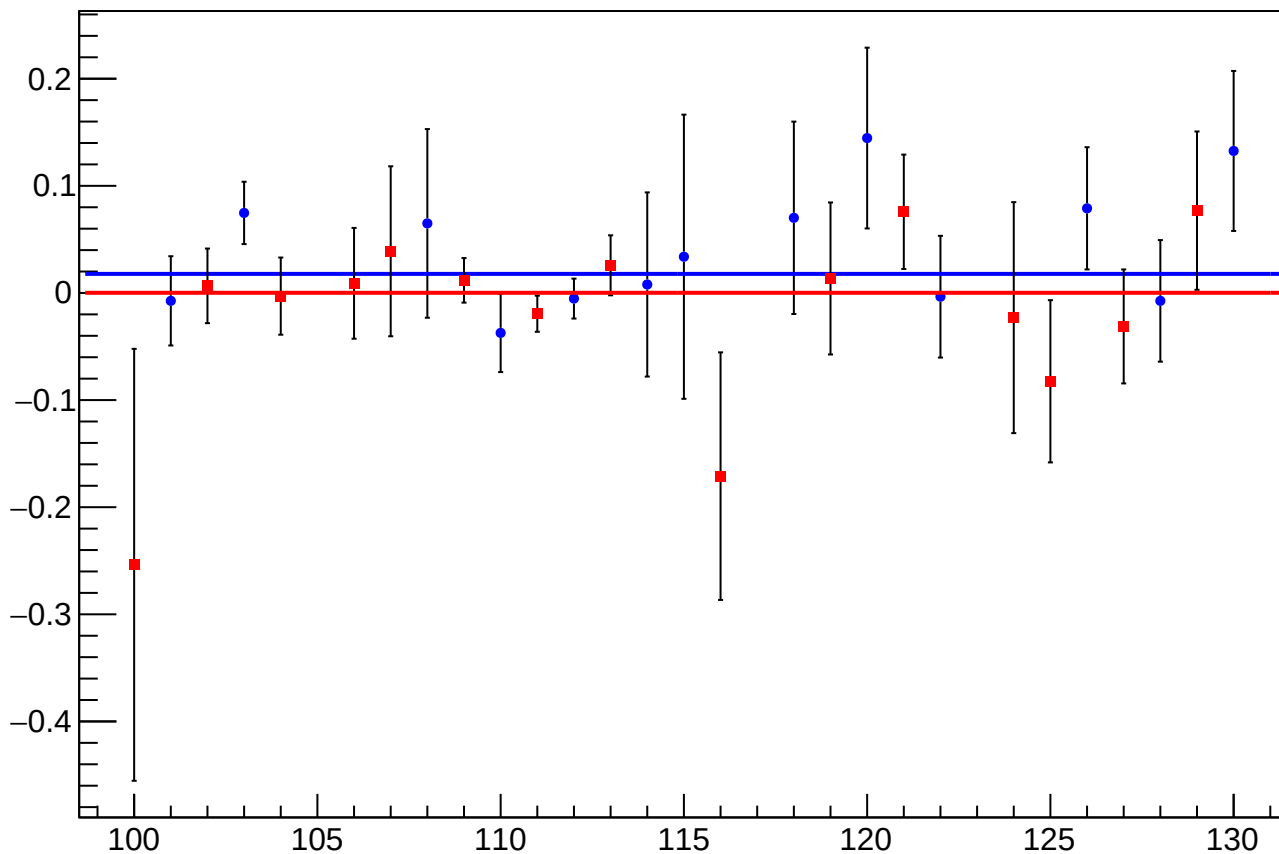
Right: 0.001+/-0.000 χ^2/NDF : 3782115.4/27

In: 0.002+/-0.000 χ^2/NDF : 1836116.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3782115.4/27

asym_sam5_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.012 χ^2/NDF : 14.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.010 χ^2/NDF : 11.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

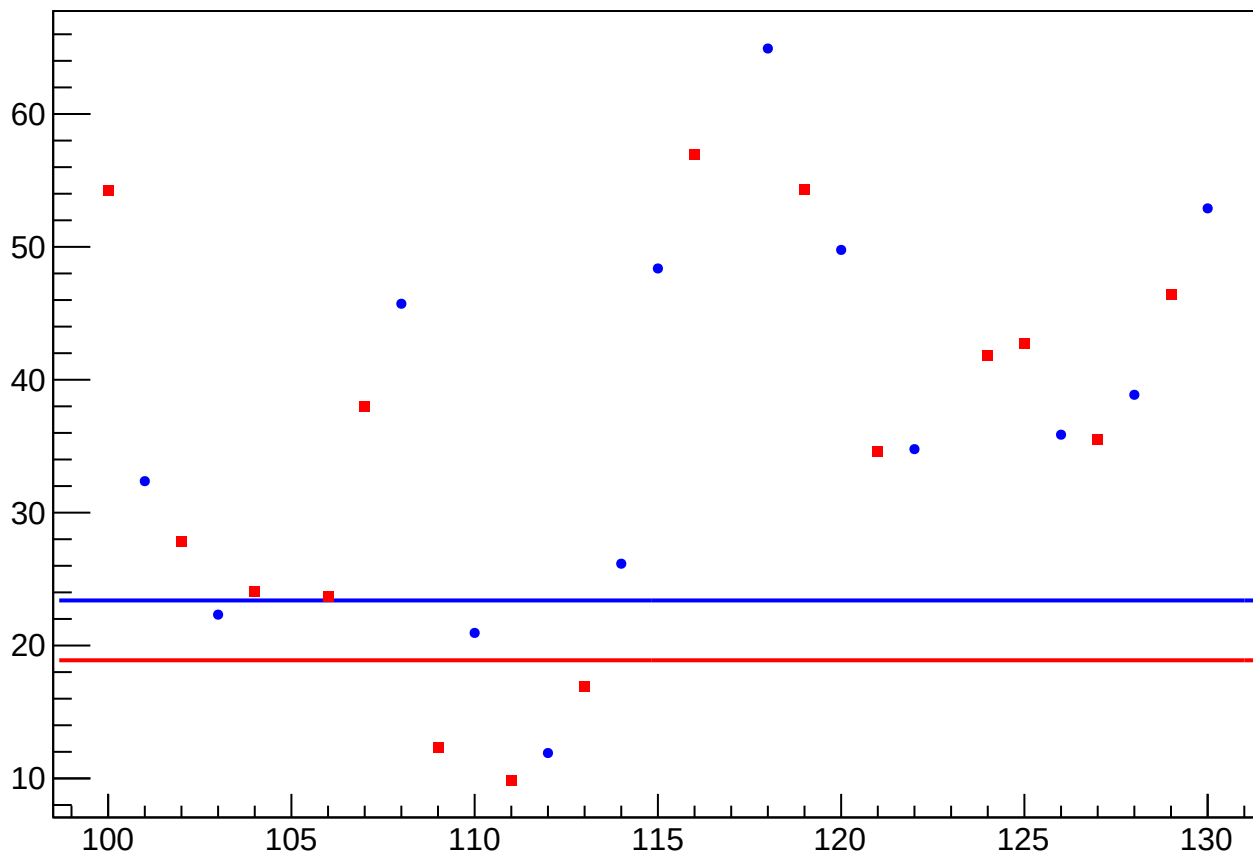
Right: 0.007+/-0.008 χ^2/NDF : 27.4/27

In: 0.018+/-0.012 χ^2/NDF : 14.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.008 χ^2/NDF : 27.4/27

asym_sam5_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.392+/-0.008 χ^2/NDF : 2325867.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.889+/-0.007 χ^2/NDF : 2803506.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

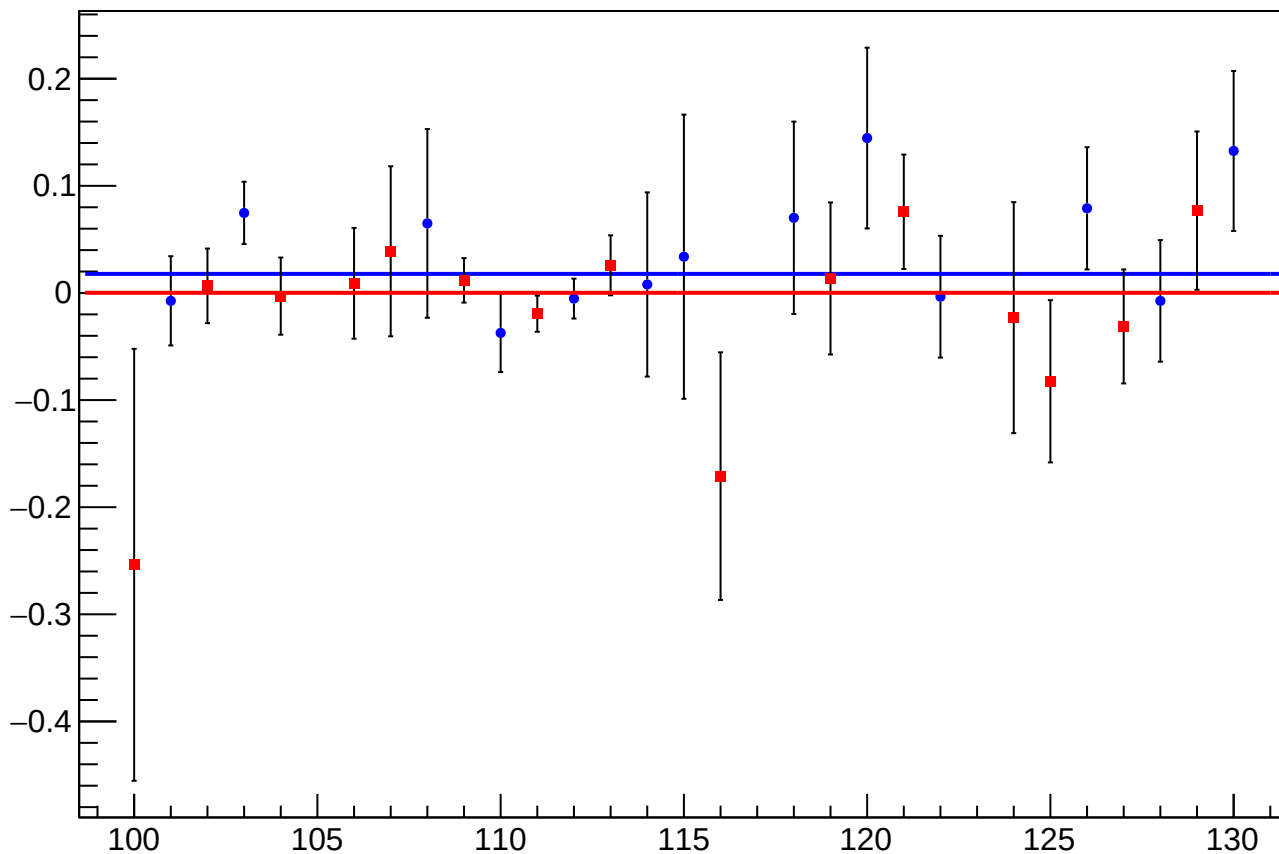
Right: 20.684+/-0.005 χ^2/NDF : 5302016.0/27

In: 23.392+/-0.008 χ^2/NDF : 2325867.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.684+/-0.005 χ^2/NDF : 5302016.0/27

asym_sam5_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018 $\pm$ 0.012 χ^2 /NDF: 14.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.010 χ^2 /NDF: 11.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

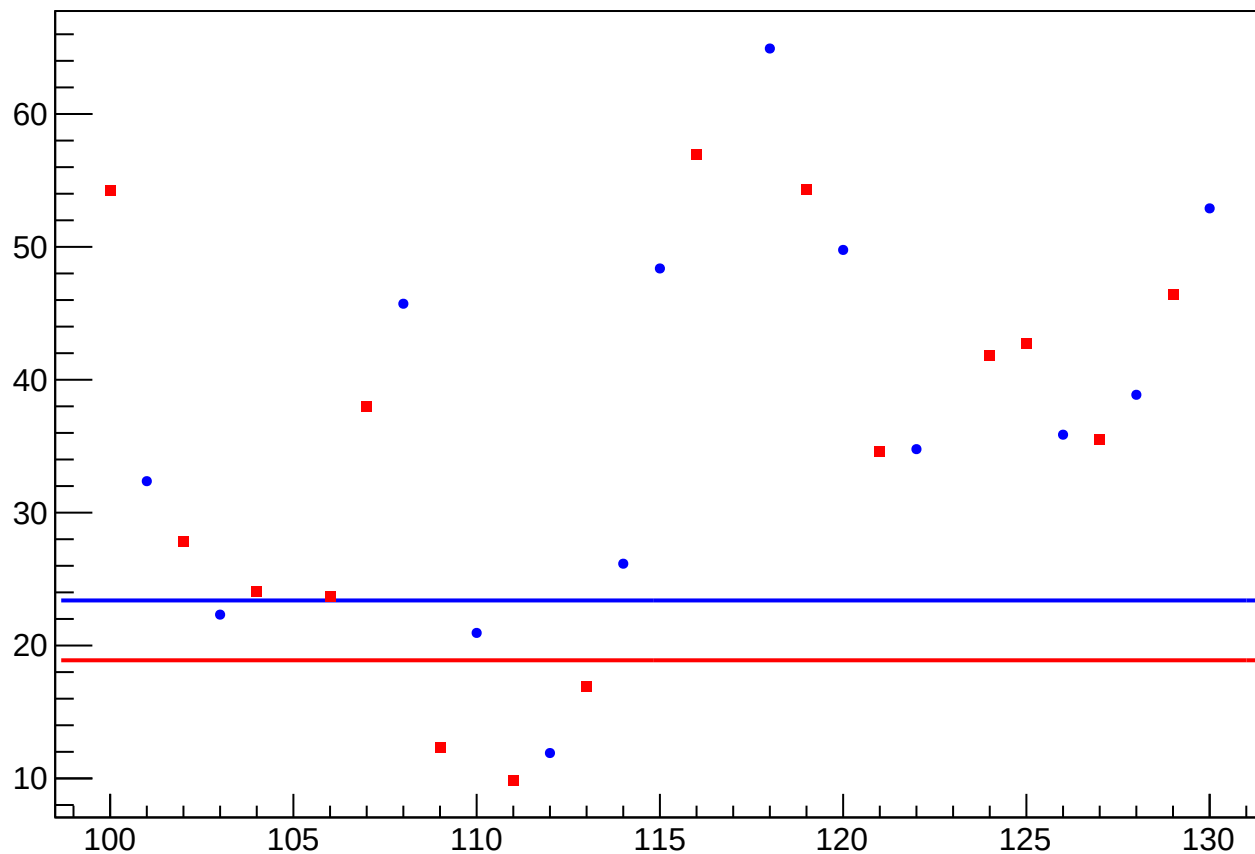
Right: 0.007 $\pm$ 0.008 χ^2 /NDF: 27.4/27

In: 0.018 $\pm$ 0.012 χ^2 /NDF:14.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.007 $\pm$ 0.008 χ^2 /NDF: 27.4/27

asym_sam5_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.392+/-0.008 χ^2/NDF : 2325867.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 18.889+/-0.007 χ^2/NDF : 2803506.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

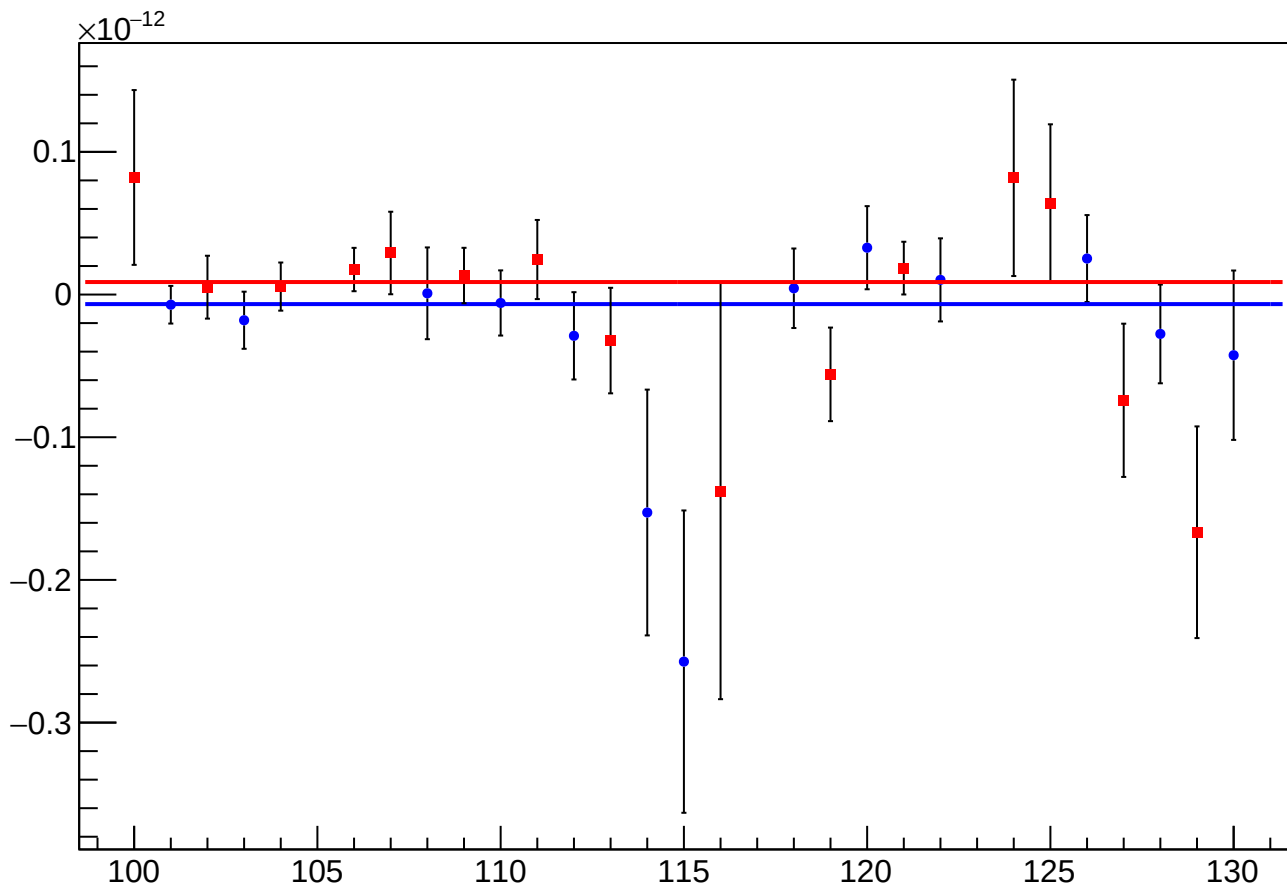
Right: 20.684+/-0.005 χ^2/NDF : 5302016.0/27

In: 23.392+/-0.008 χ^2/NDF :2325867.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20.684+/-0.005 χ^2/NDF : 5302016.0/27

asym_sam5_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 19.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

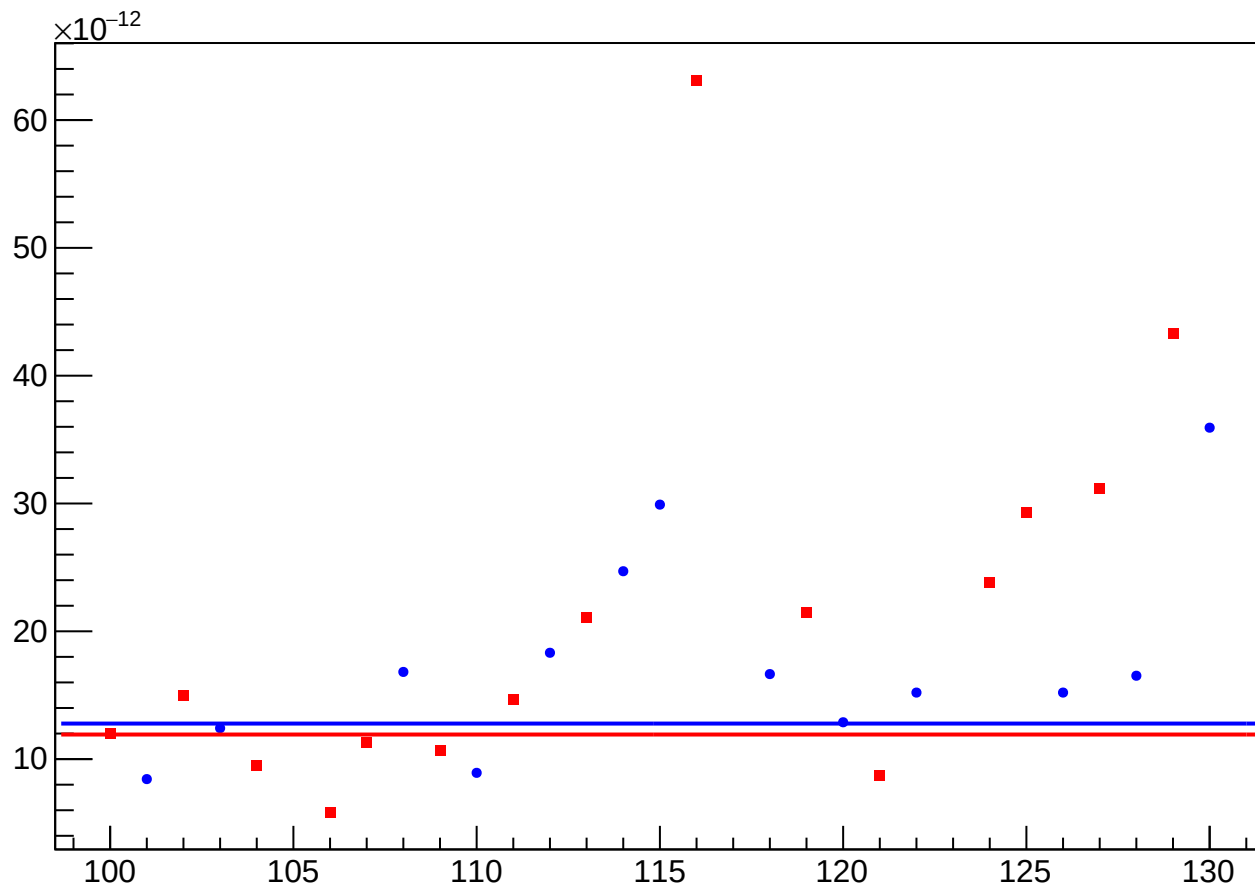
Right: 0.000+/-0.000 χ^2/NDF : 35.1/27

In: -0.000+/-0.000 χ^2/NDF : 13.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 35.1/27

asym_sam5_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 854842.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1900050.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

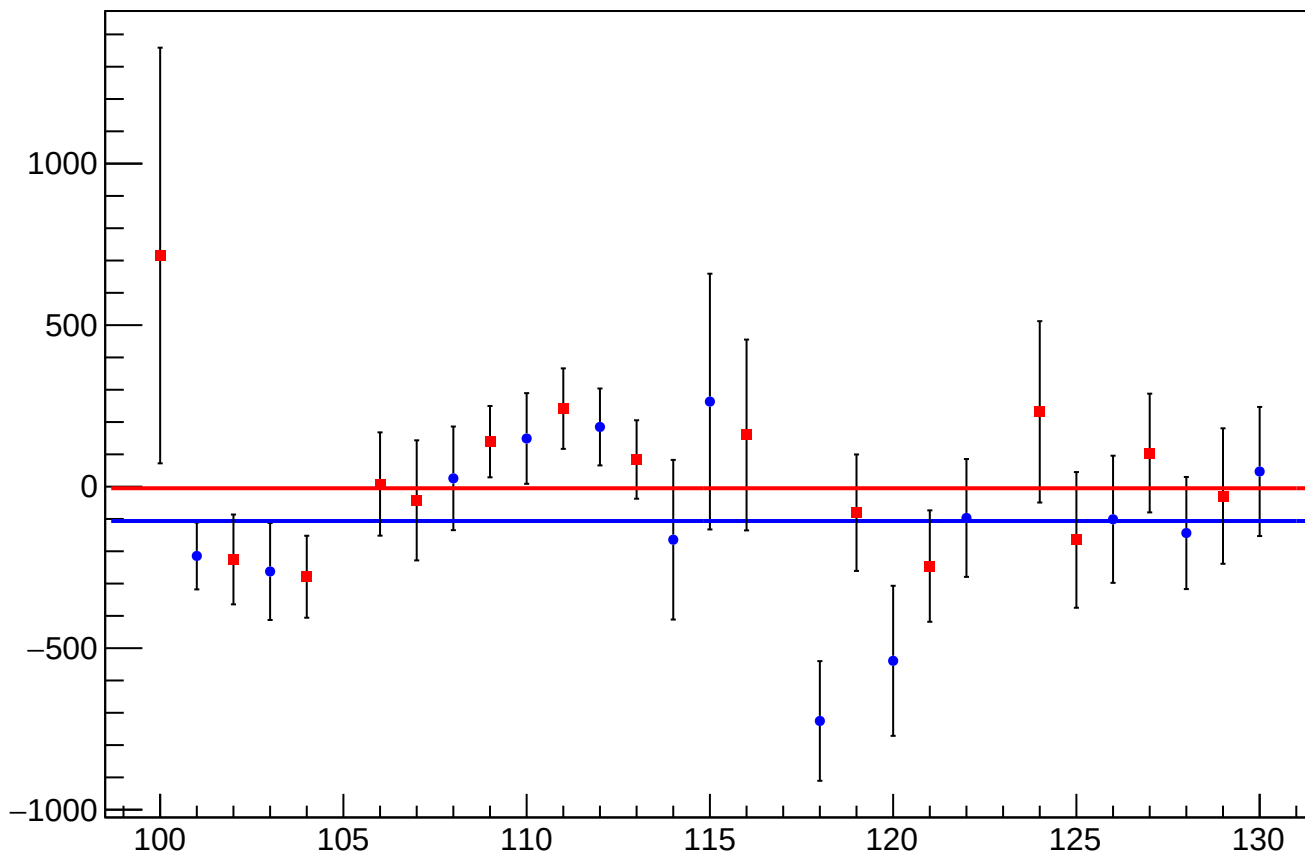
Right: 0.000+/-0.000 χ^2/NDF : 2769253.8/27

In: 0.000+/-0.000 χ^2/NDF :854842.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2769253.8/27

reg_asym_sam6_mean vs Slug, Sign Corrected



Right In: -106.297+/-45.534 χ^2/NDF : 28.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.895+/-42.175 χ^2/NDF : 18.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

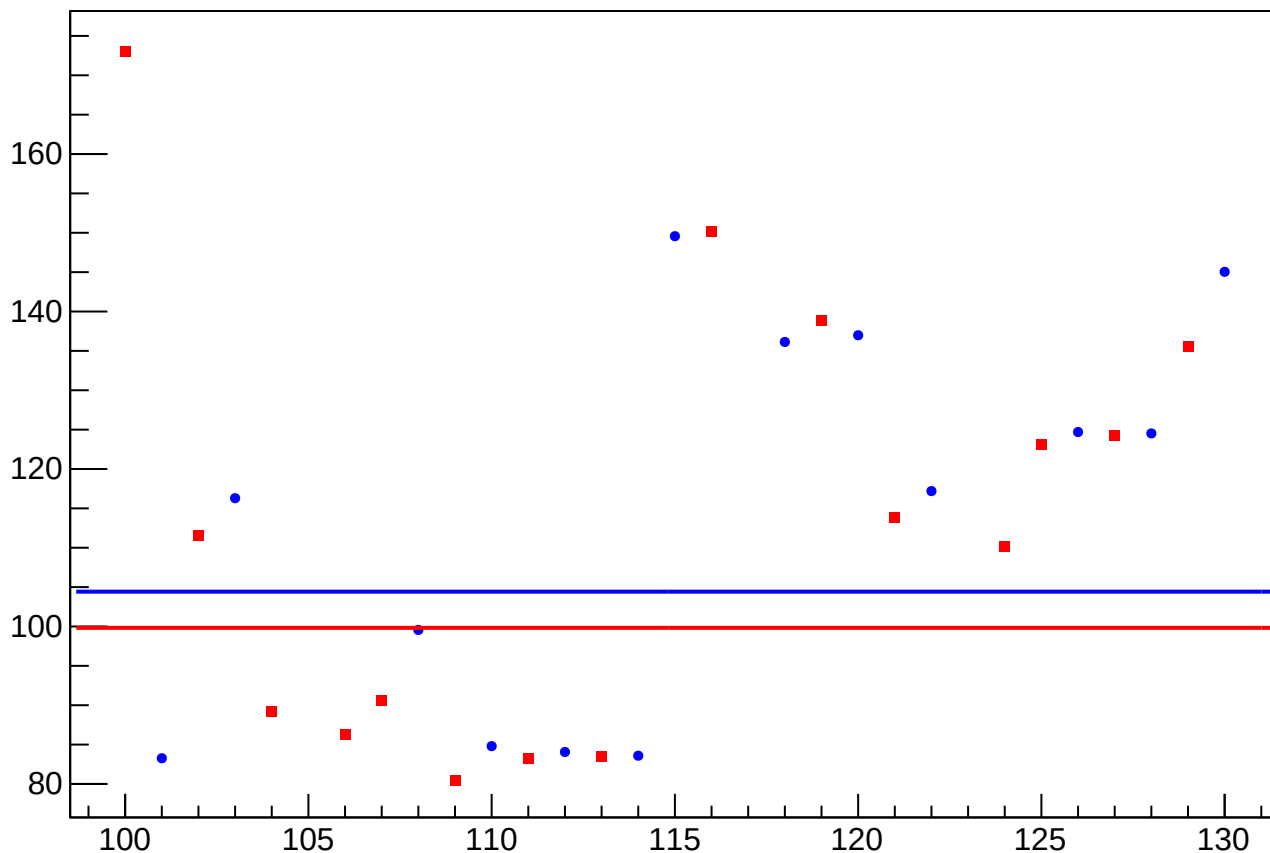
Right: -51.718+/-30.942 χ^2/NDF : 49.7/27

In: -106.297+/-45.534 χ^2/NDF : 28.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -51.718+/-30.942 χ^2/NDF : 49.7/27

reg_asym_sam6_rms vs Slug, Sign Corrected



Right In: 104.422 ± 0.032 χ^2/NDF : 474042.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 99.827 ± 0.030 χ^2/NDF : 492372.1/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

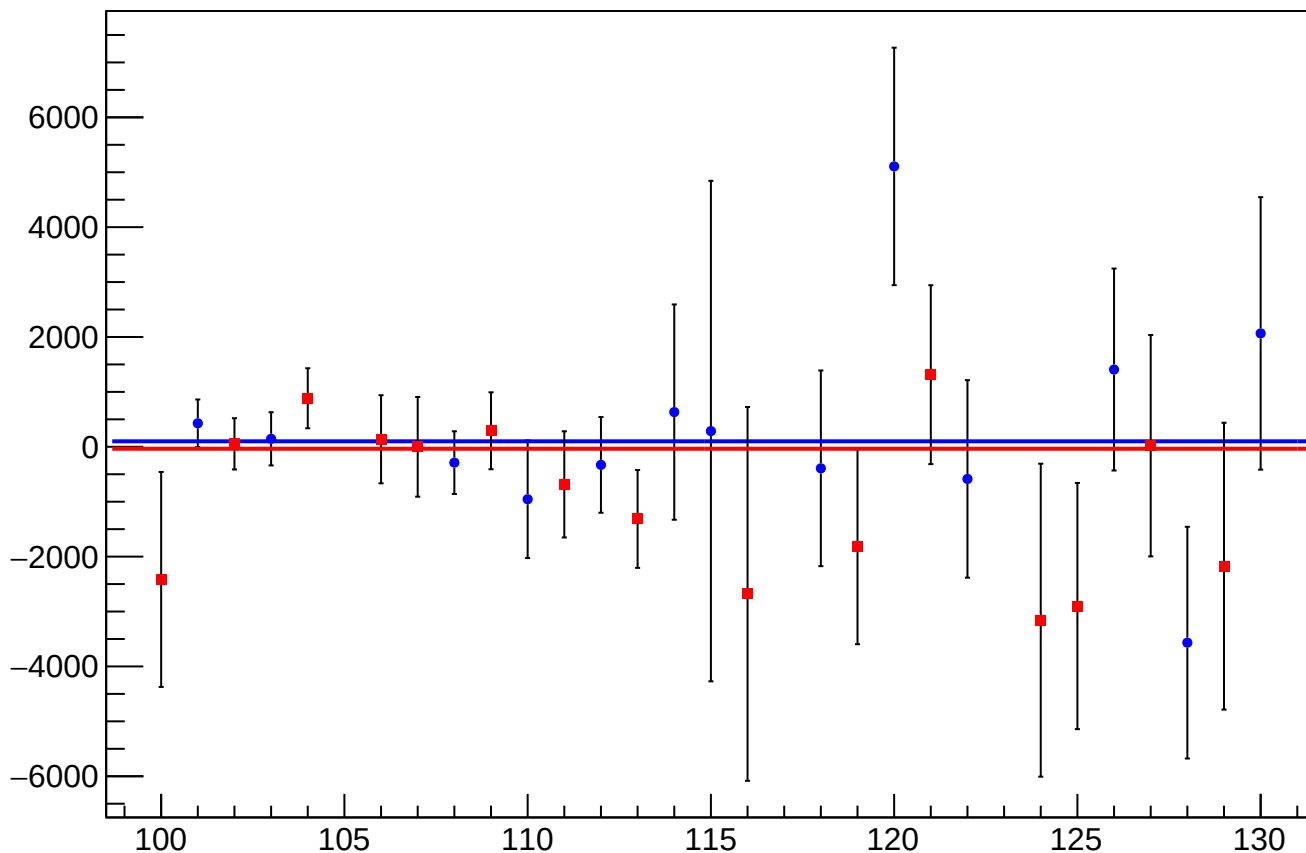
Right: 101.949 ± 0.022 χ^2/NDF : 977376.3/27

In: 104.422 ± 0.032 χ^2/NDF : 474042.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 101.949 ± 0.022 χ^2/NDF : 977376.3/27

asym_sam6_reg_correction_mean vs Slug, Sign Corrected



Right In: 99.970+/-244.837 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -35.664+/-243.770 χ^2/NDF : 12.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

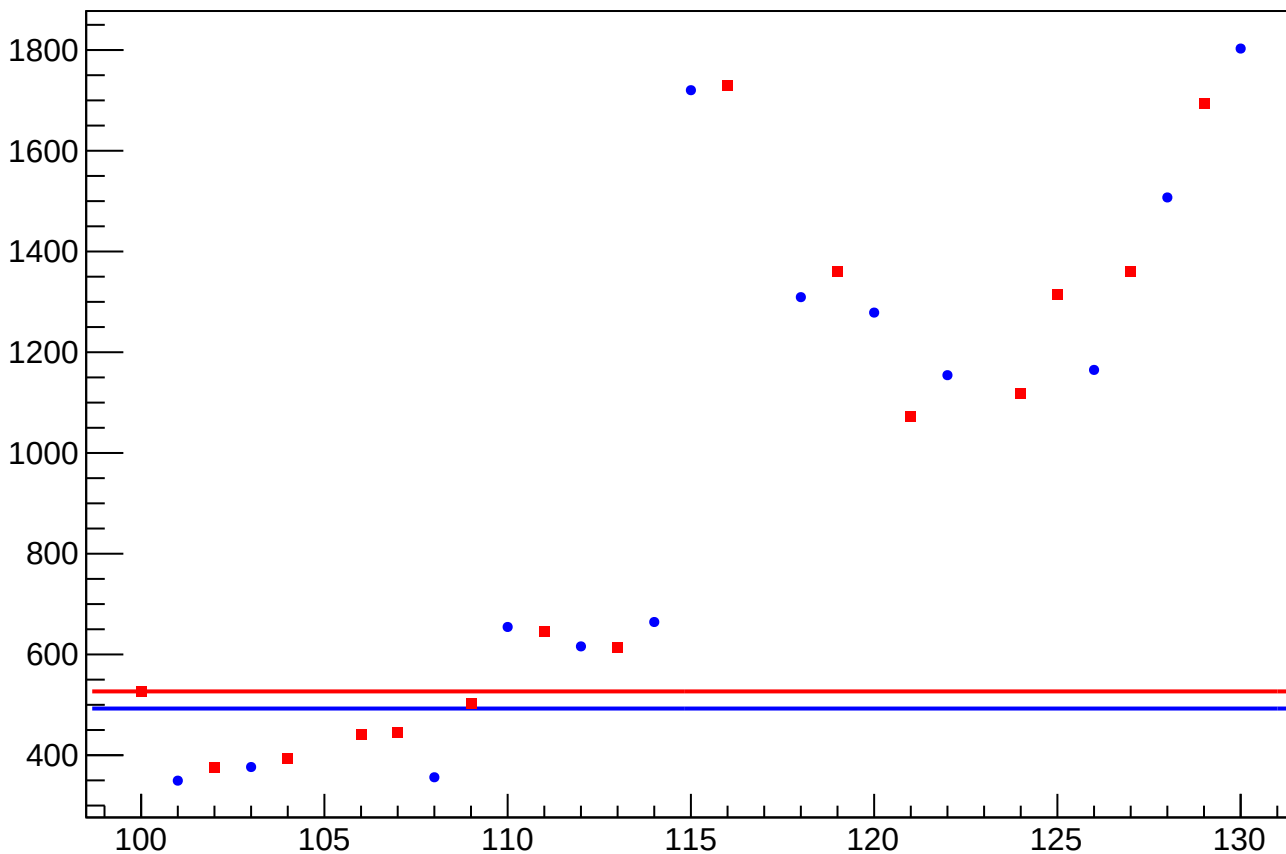
Right: 31.857+/-172.748 χ^2/NDF : 25.2/27

In: 99.970+/-244.837 χ^2/NDF : 12.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.857+/-172.748 χ^2/NDF : 25.2/27

asym_sam6_reg_correction_rms vs Slug, Sign Corrected



Right In: 492.623+/-0.173 χ^2/NDF : 2937063.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 526.624+/-0.172 χ^2/NDF : 2411916.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

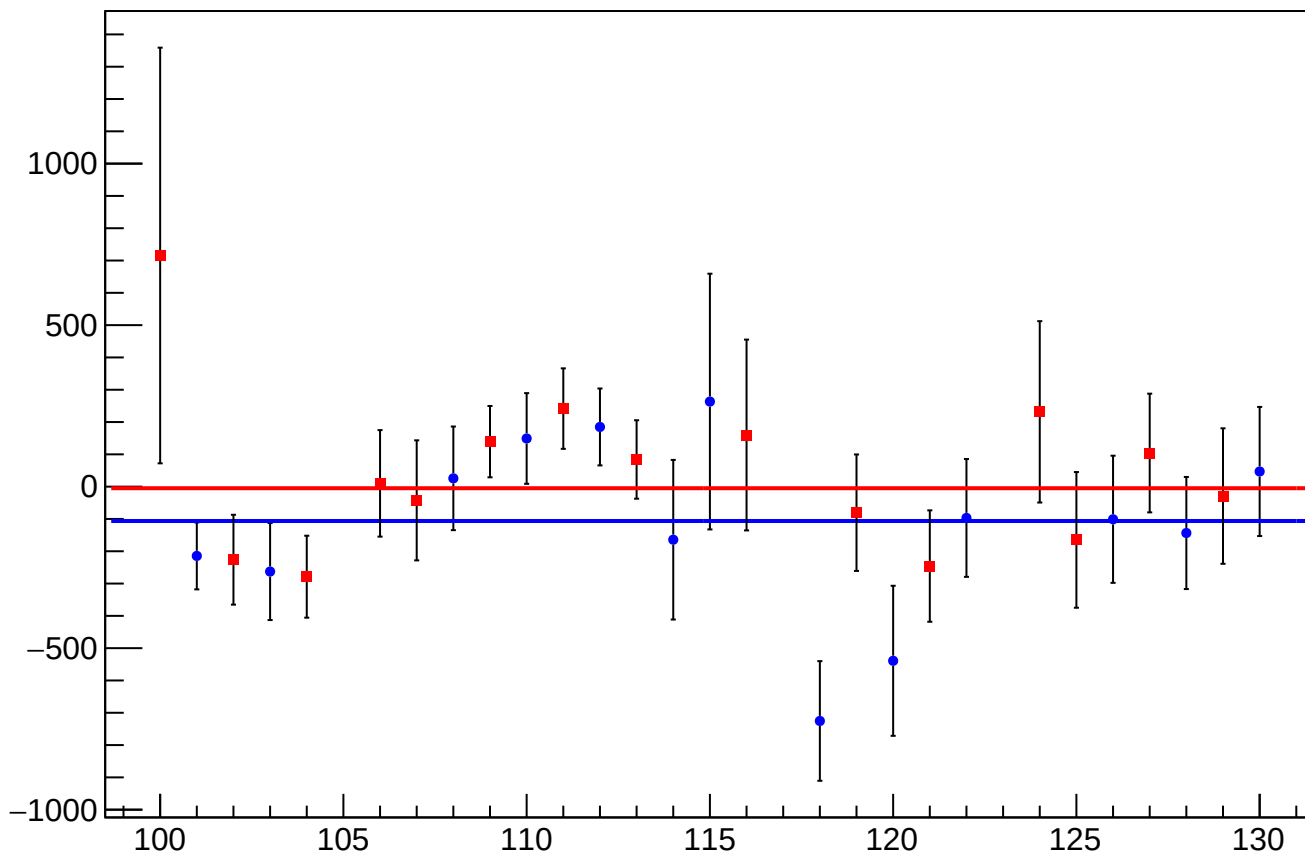
Right: 509.698+/-0.122 χ^2/NDF : 5368349.1/27

In: 492.623+/-0.173 χ^2/NDF : 2937063.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 509.698+/-0.122 χ^2/NDF : 5368349.1/27

cor_asym_sam6_mean vs Slug, Sign Corrected



Right In: -106.330+/-45.534 χ^2/NDF : 28.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.873+/-42.265 χ^2/NDF : 18.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

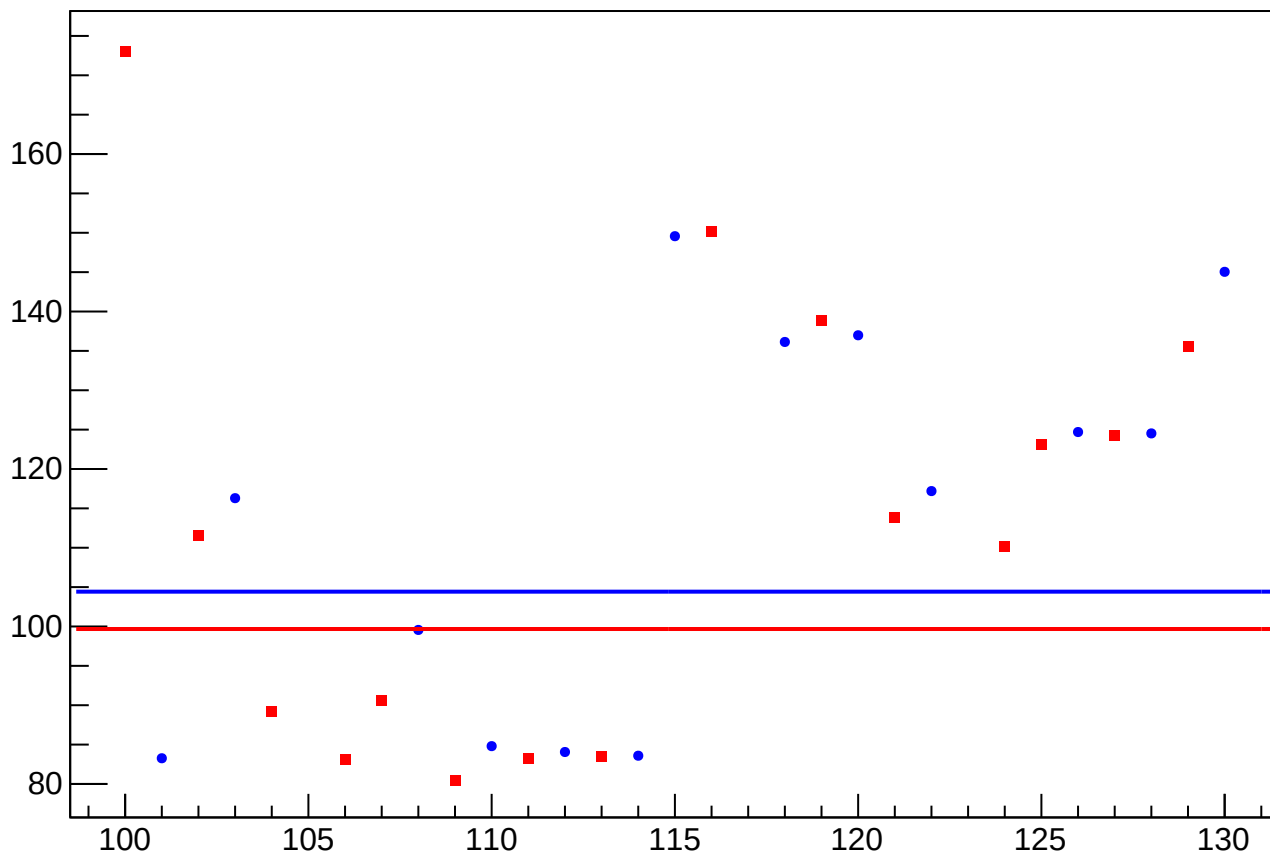
Right: -51.829+/-30.977 χ^2/NDF : 49.8/27

In: -106.330+/-45.534 χ^2/NDF : 28.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -51.829+/-30.977 χ^2/NDF : 49.8/27

cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 104.422 ± 0.032 χ^2/NDF : 474044.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 99.679 ± 0.030 χ^2/NDF : 498602.7/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

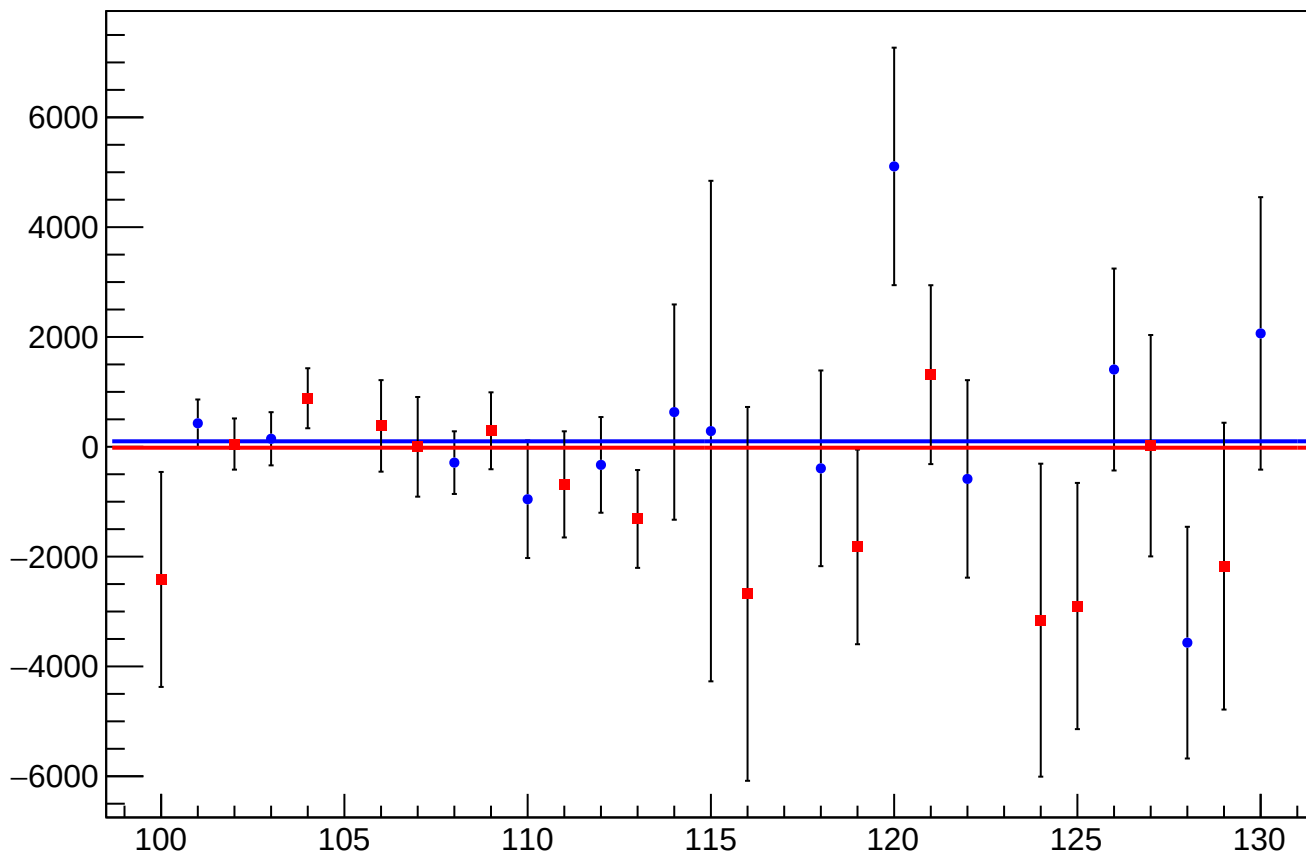
Right: 101.874 ± 0.022 χ^2/NDF : 984302.6/27

In: 104.422 ± 0.032 χ^2/NDF : 474044.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 101.874 ± 0.022 χ^2/NDF : 984302.6/27

asym_sam6_cor_correction_mean vs Slug, Sign Corrected



Right In: 100.139+/-244.829 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.769+/-244.496 χ^2/NDF : 13.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

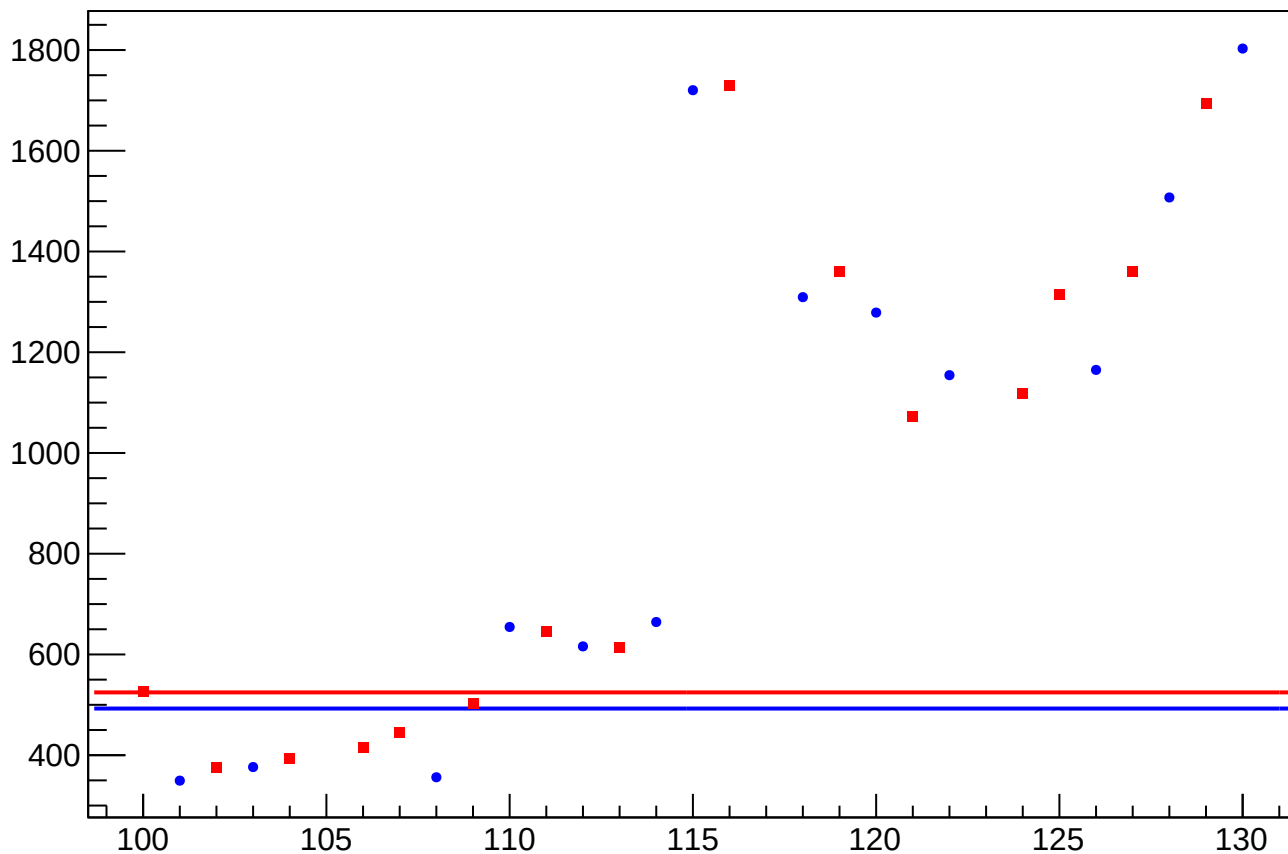
Right: 41.606+/-173.002 χ^2/NDF : 25.3/27

In: 100.139+/-244.829 χ^2/NDF : 12.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.606+/-173.002 χ^2/NDF : 25.3/27

asym_sam6_cor_correction_rms vs Slug, Sign Corrected



Right In: 492.602+/-0.173 χ^2/NDF : 2937196.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 524.670+/-0.173 χ^2/NDF : 2427134.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

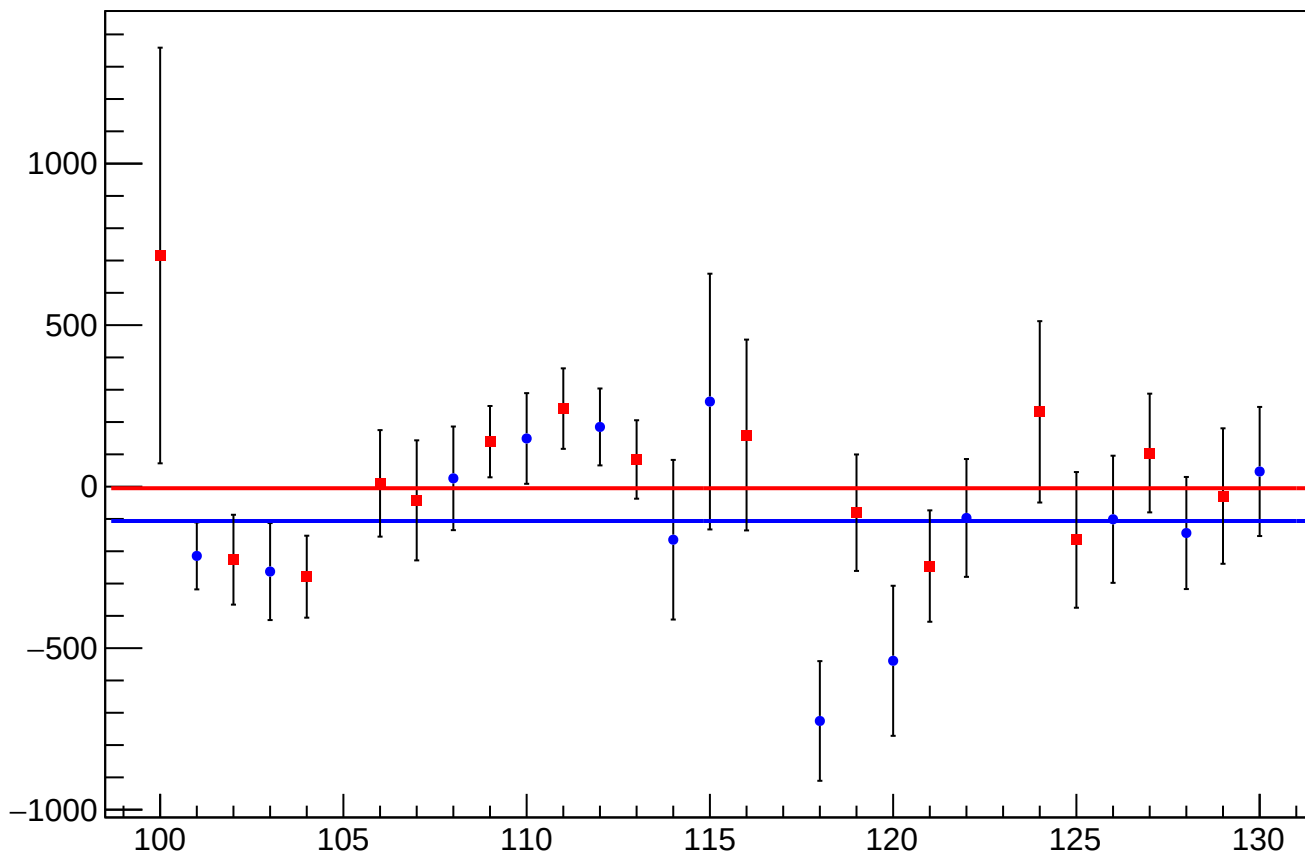
Right: 508.658+/-0.122 χ^2/NDF : 5381510.5/27

In: 492.602+/-0.173 χ^2/NDF : 2937196.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 508.658+/-0.122 χ^2/NDF : 5381510.5/27

eigen_cor_asym_sam6_mean vs Slug, Sign Corrected



Right In: -106.330+/-45.534 χ^2/NDF : 28.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.873+/-42.265 χ^2/NDF : 18.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

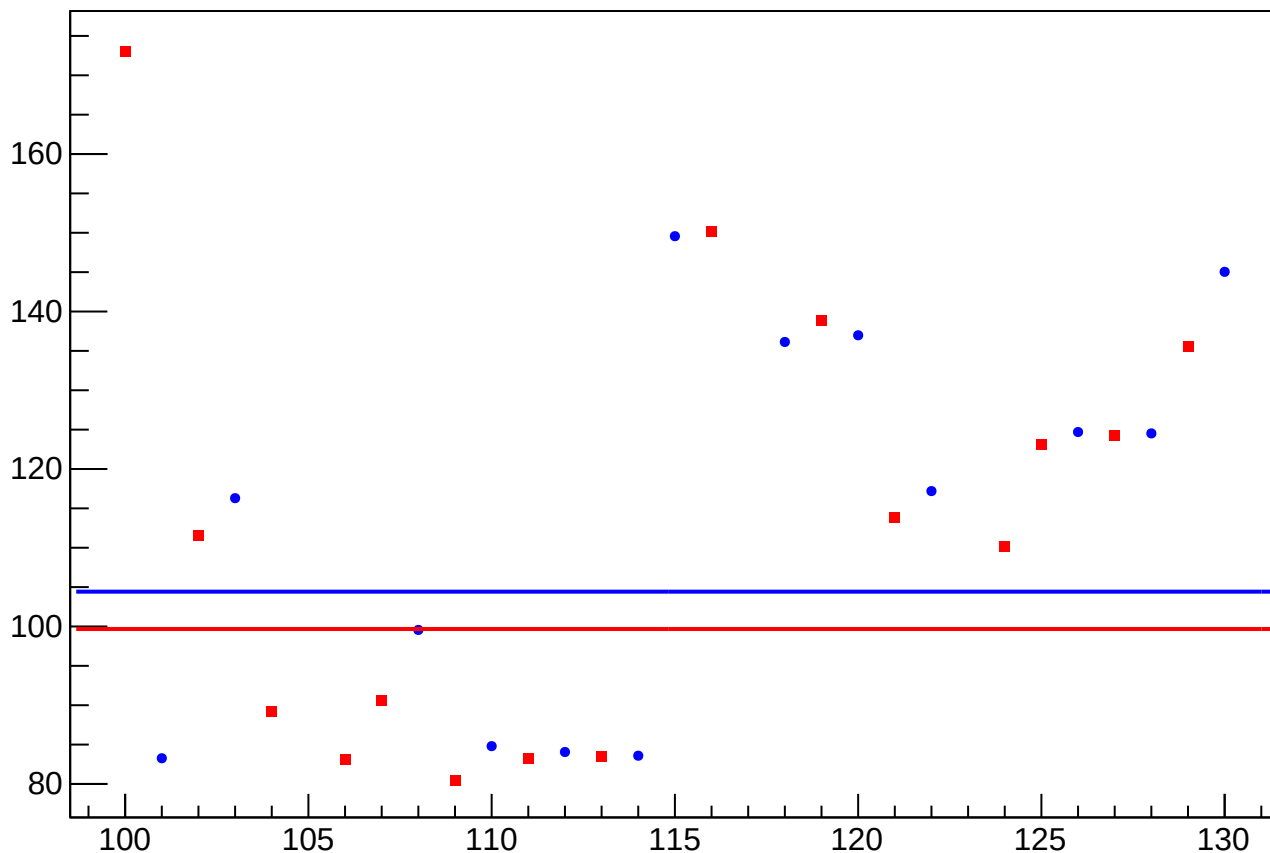
Right: -51.829+/-30.977 χ^2/NDF : 49.8/27

In: -106.330+/-45.534 χ^2/NDF : 28.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -51.829+/-30.977 χ^2/NDF : 49.8/27

eigen_cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 104.422+/-0.032 χ^2/NDF : 474044.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 99.679+/-0.030 χ^2/NDF : 498602.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

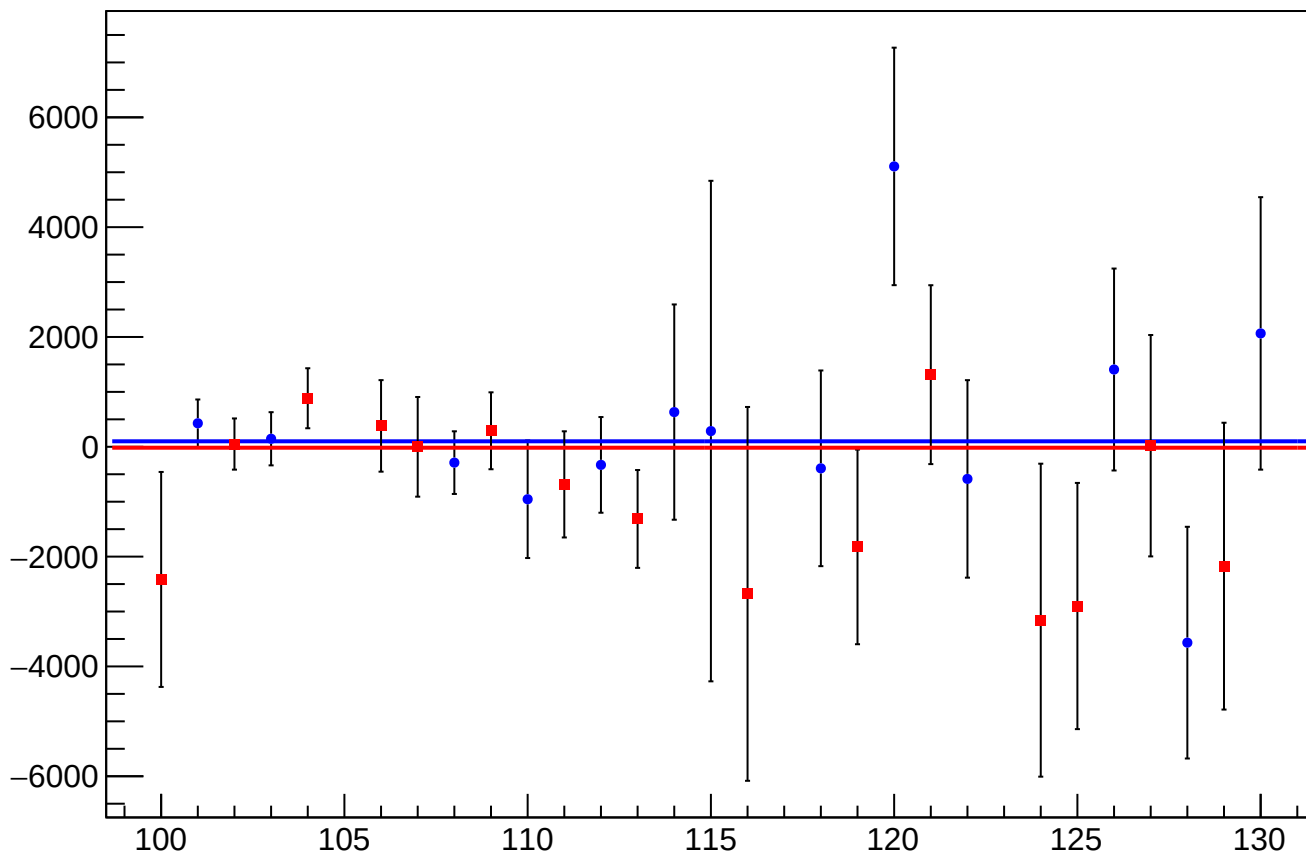
Right: 101.874+/-0.022 χ^2/NDF : 984302.6/27

In: 104.422+/-0.032 χ^2/NDF :474044.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 101.874+/-0.022 χ^2/NDF : 984302.6/27

asym_sam6_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 100.139+/-244.829 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.769+/-244.496 χ^2/NDF : 13.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

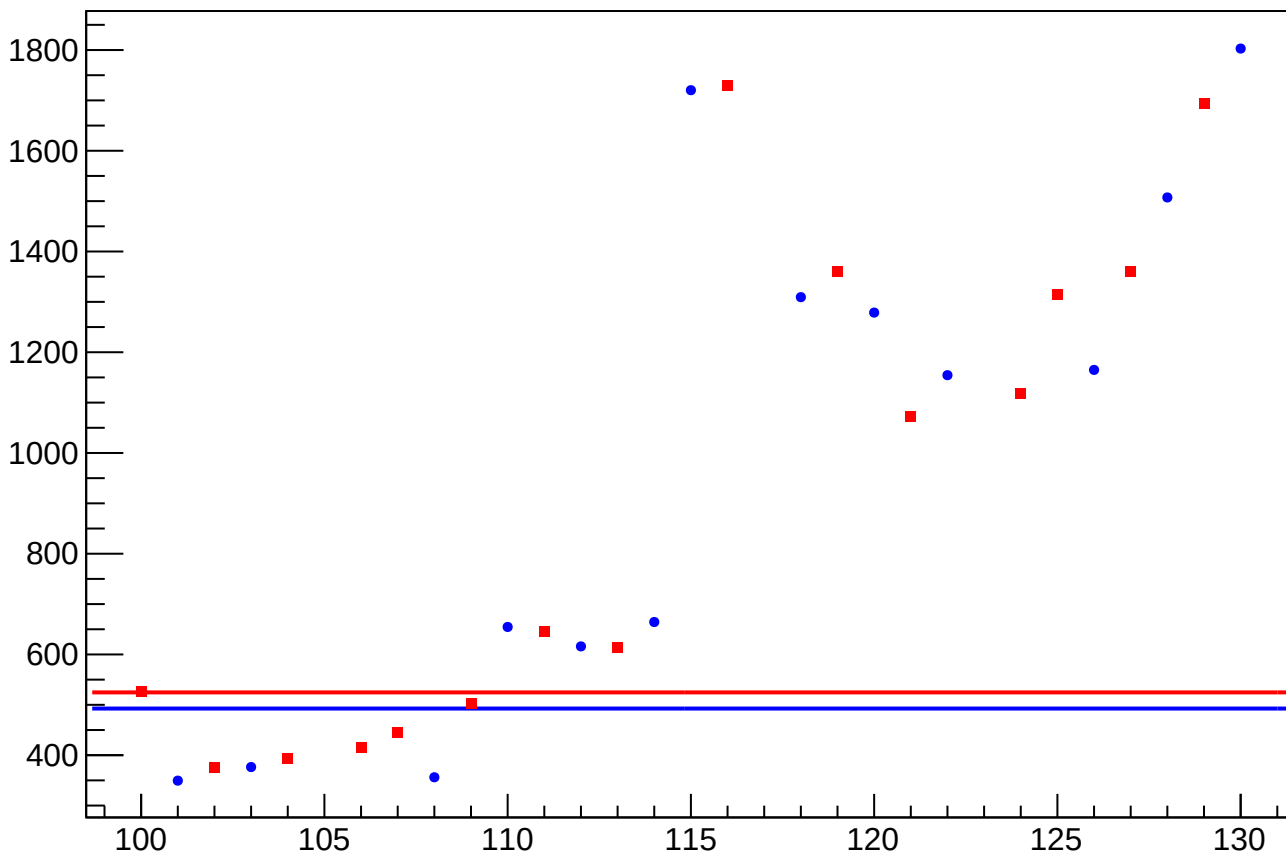
Right: 41.606+/-173.002 χ^2/NDF : 25.3/27

In: 100.139+/-244.829 χ^2/NDF : 12.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.606+/-173.002 χ^2/NDF : 25.3/27

asym_sam6_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 492.602+/-0.173 χ^2/NDF : 2937196.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 524.670+/-0.173 χ^2/NDF : 2427134.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

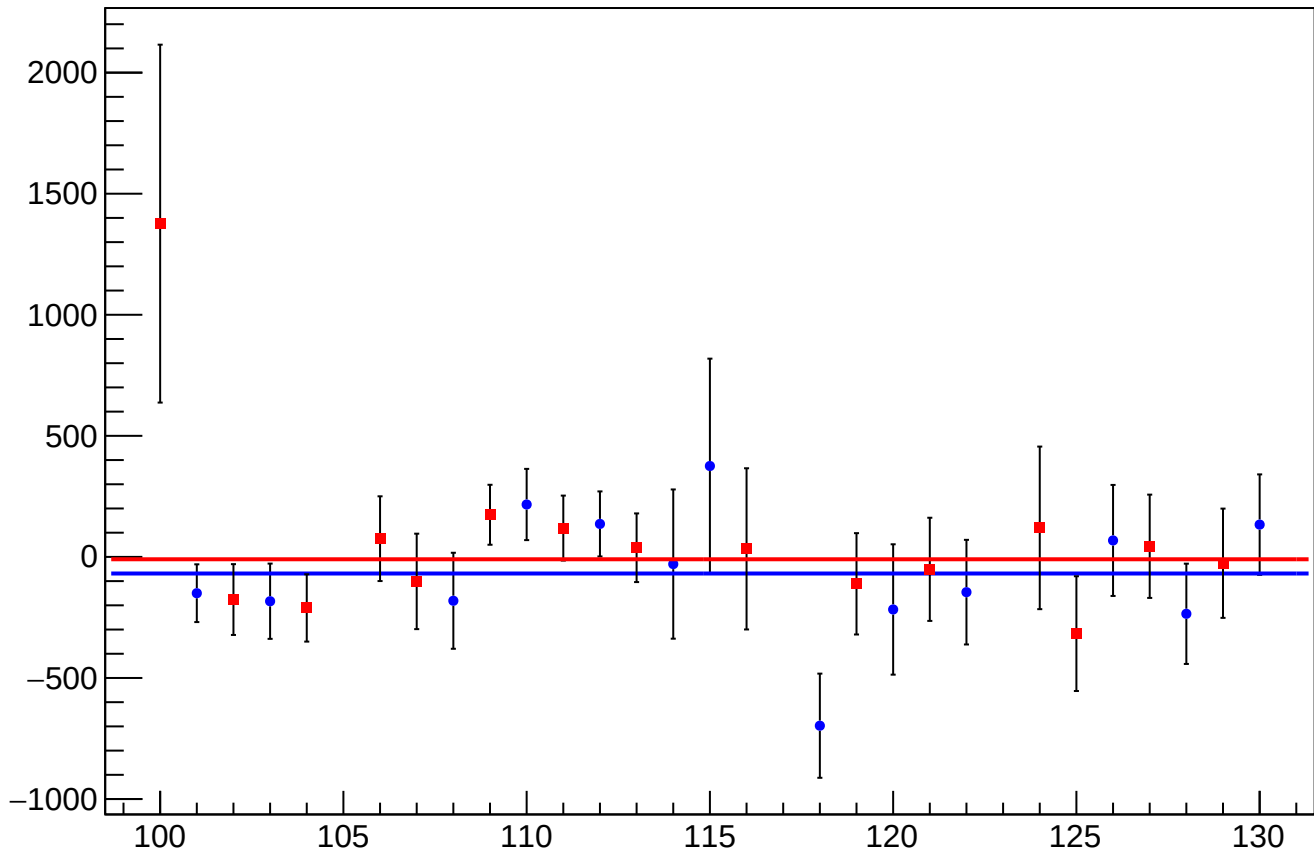
Right: 508.658+/-0.122 χ^2/NDF : 5381510.5/27

In: 492.602+/-0.173 χ^2/NDF : 2937196.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 508.658+/-0.122 χ^2/NDF : 5381510.5/27

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -68.555+/-51.513 χ^2/NDF : 19.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.774+/-47.064 χ^2/NDF : 12.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

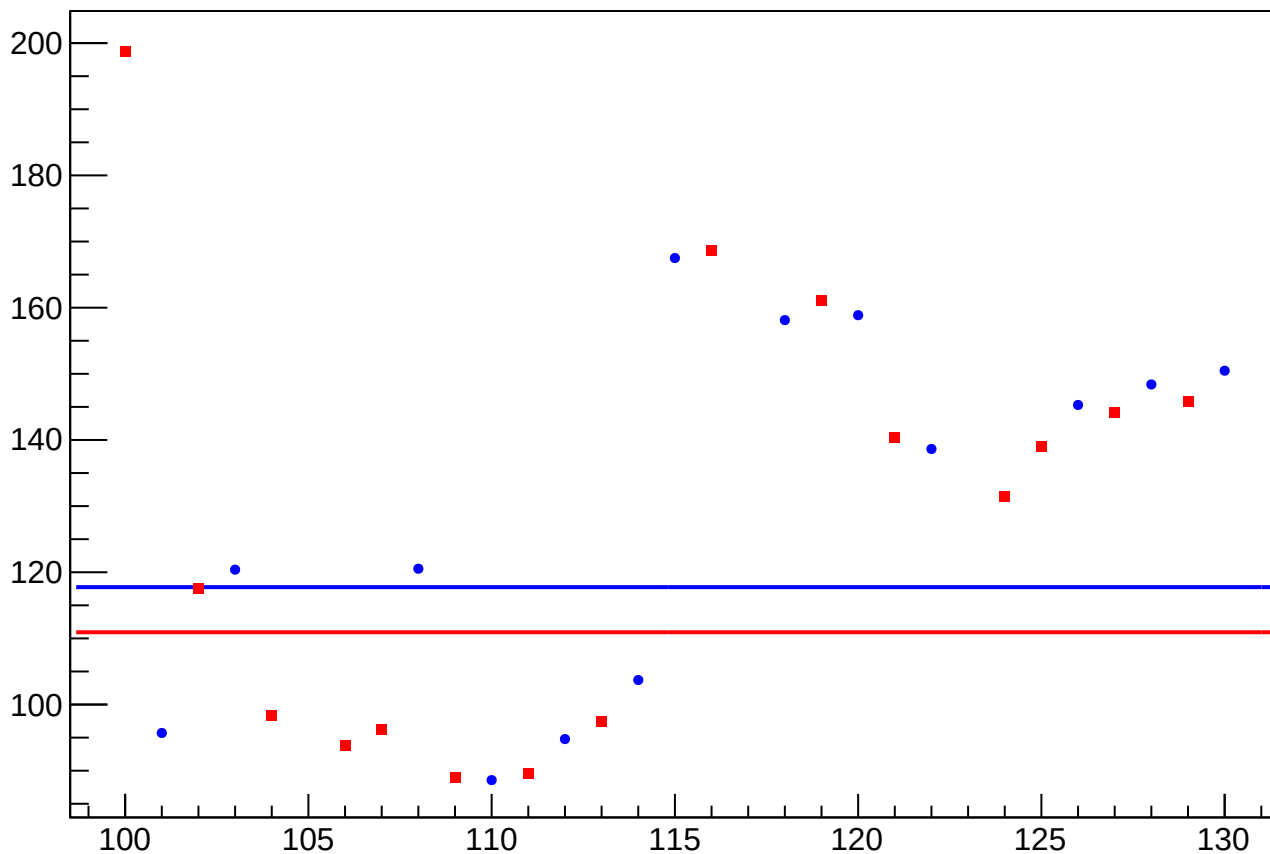
Right: -36.517+/-34.746 χ^2/NDF : 32.8/27

In: -68.555+/-51.513 χ^2/NDF : 19.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.517+/-34.746 χ^2/NDF : 32.8/27

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 117.751+/-0.036 χ^2/NDF : 494071.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.927+/-0.033 χ^2/NDF : 556083.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

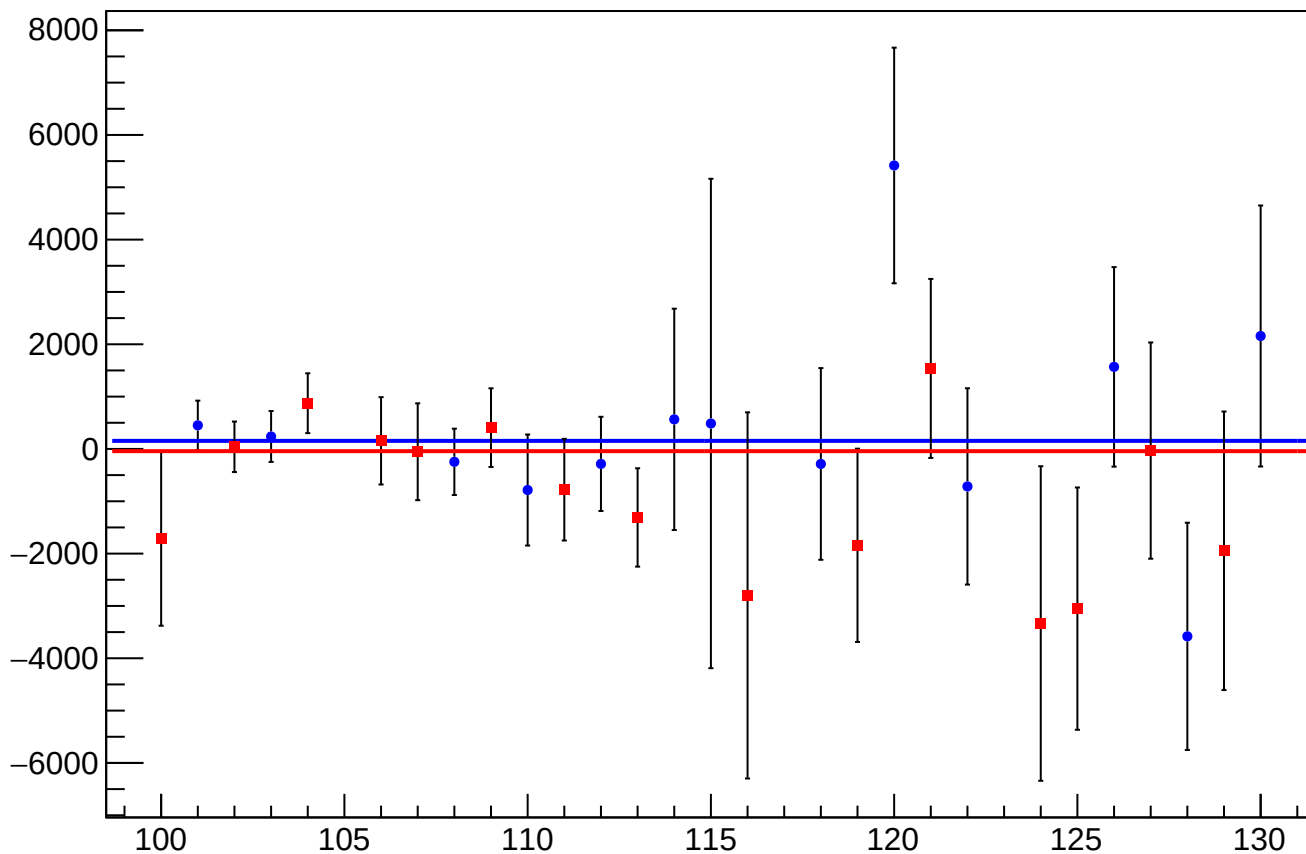
Right: 114.032+/-0.025 χ^2/NDF : 1069283.0/27

In: 117.751+/-0.036 χ^2/NDF : 494071.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.032+/-0.025 χ^2/NDF : 1069283.0/27

asym_sam6_dit_correction_mean vs Slug, Sign Corrected



Right In: 154.342 $\pm$ 257.840 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -42.250 $\pm$ 252.612 χ^2 /NDF: 12.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

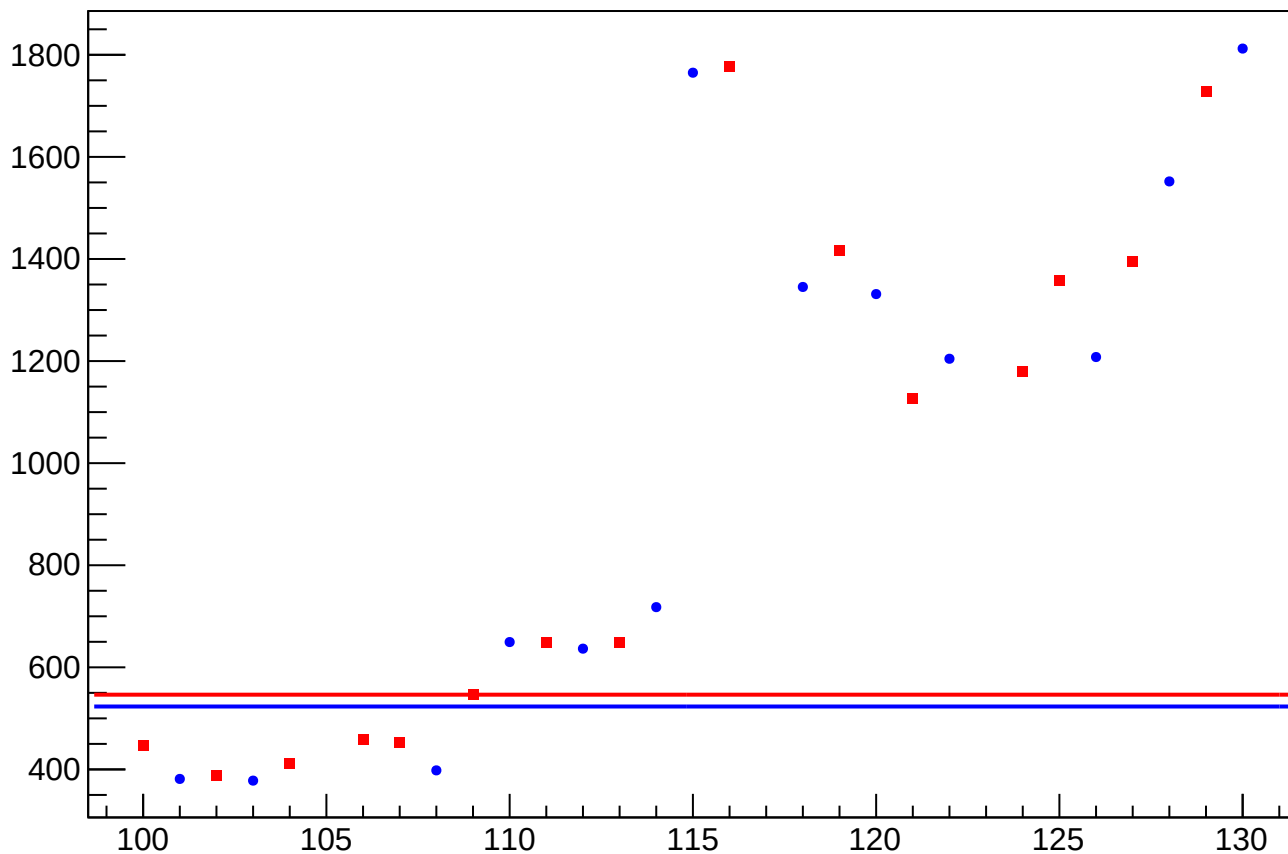
Right: 54.033 $\pm$ 180.444 χ^2 /NDF: 24.3/27

In: 154.342 $\pm$ 257.840 χ^2 /NDF:11.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 54.033 $\pm$ 180.444 χ^2 /NDF: 24.3/27

asym_sam6_dit_correction_rms vs Slug, Sign Corrected



Right In: 523.257+/-0.182 χ^2/NDF : 2821009.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 546.419+/-0.179 χ^2/NDF : 2410931.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

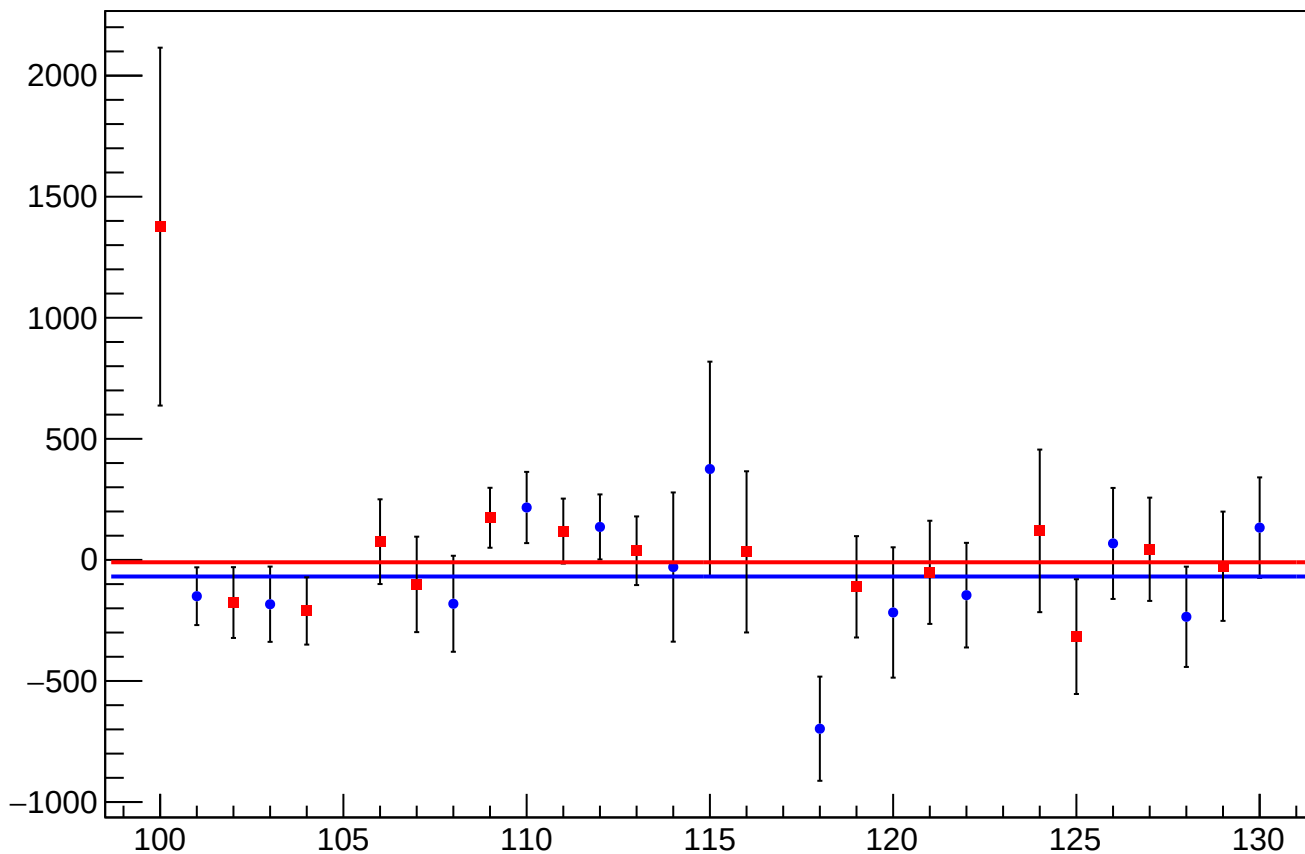
Right: 535.075+/-0.128 χ^2/NDF : 5240177.0/27

In: 523.257+/-0.182 χ^2/NDF : 2821009.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 535.075+/-0.128 χ^2/NDF : 5240177.0/27

eigen_dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -68.557 ± 51.513 χ^2/NDF : 19.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -9.773 ± 47.063 χ^2/NDF : 12.8/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

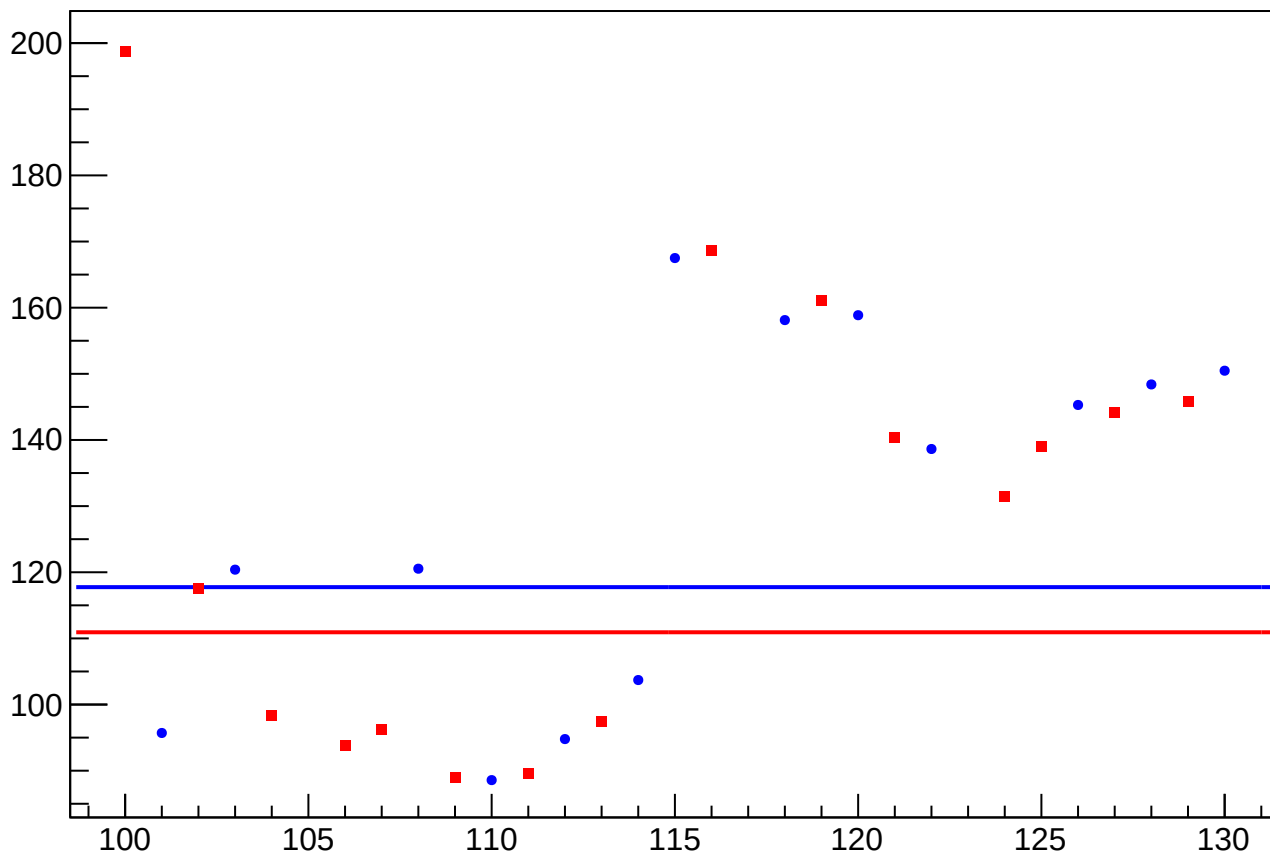
Right: -36.517 ± 34.746 χ^2/NDF : 32.8/27

In: -68.557 ± 51.513 χ^2/NDF : 19.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -36.517 ± 34.746 χ^2/NDF : 32.8/27

eigen_dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 117.750+/-0.036 χ^2/NDF : 494074.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.927+/-0.033 χ^2/NDF : 556082.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

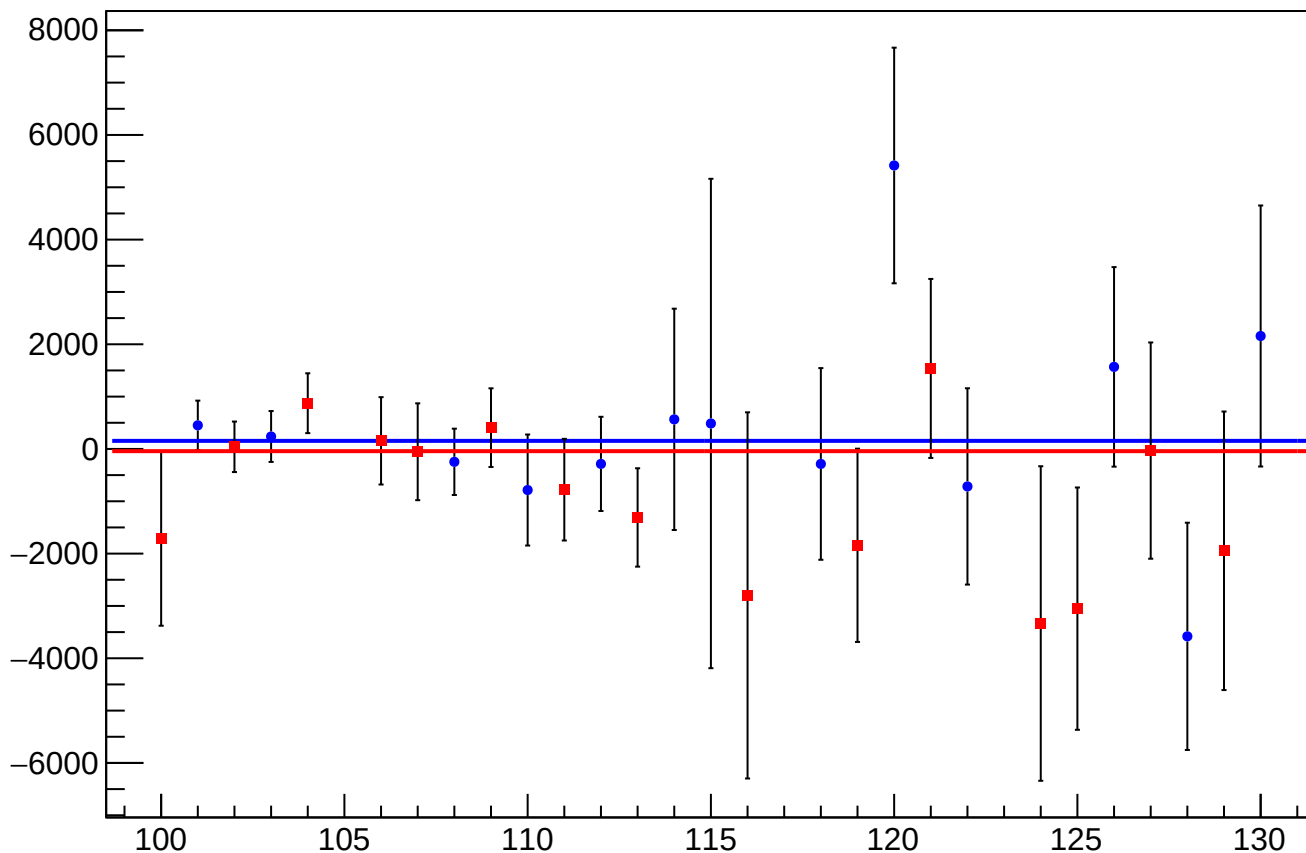
Right: 114.031+/-0.025 χ^2/NDF : 1069284.7/27

In: 117.750+/-0.036 χ^2/NDF : 494074.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.031+/-0.025 χ^2/NDF : 1069284.7/27

asym_sam6_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 154.342+/-257.839 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -42.248+/-252.612 χ^2/NDF : 12.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

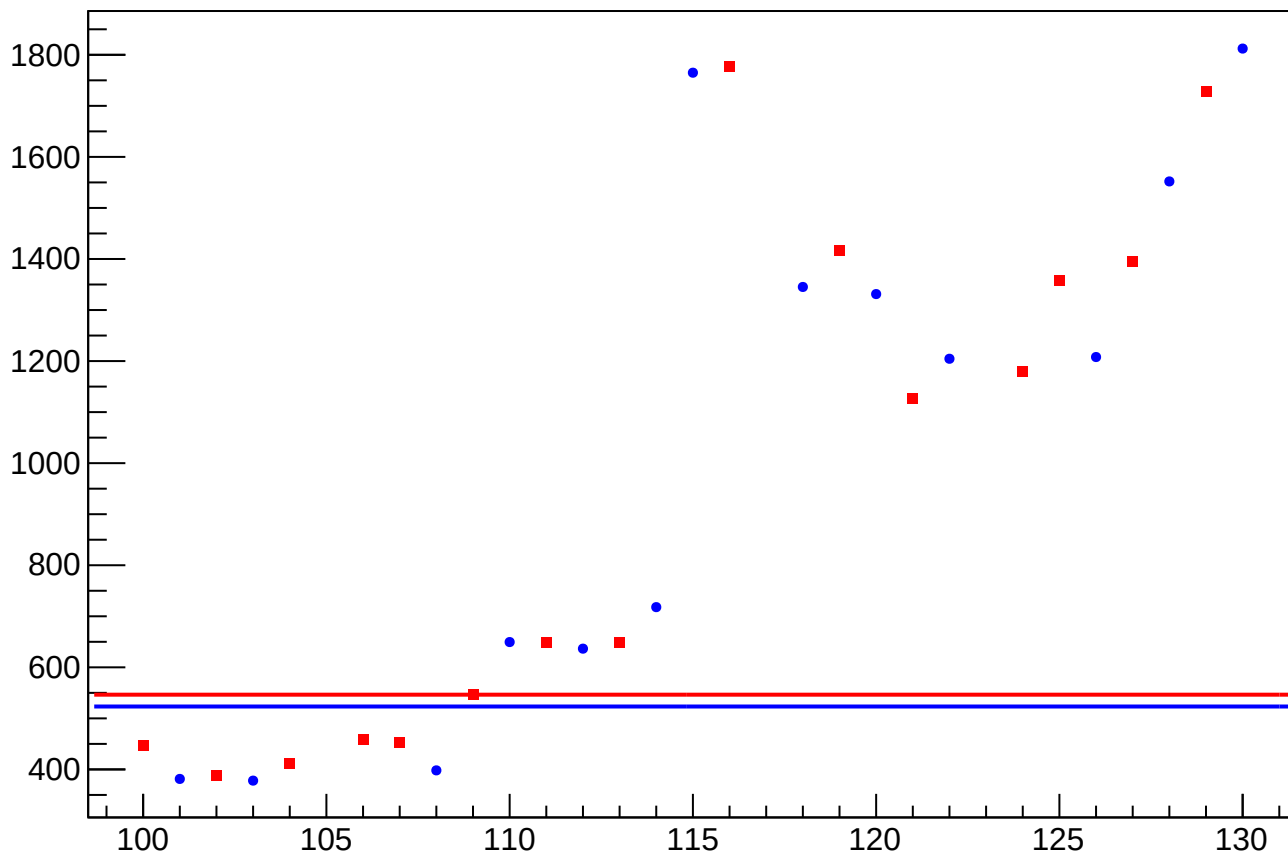
Right: 54.034+/-180.443 χ^2/NDF : 24.3/27

In: 154.342+/-257.839 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.034+/-180.443 χ^2/NDF : 24.3/27

asym_sam6_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 523.256+/-0.182 χ^2/NDF : 2821013.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 546.419+/-0.179 χ^2/NDF : 2410932.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

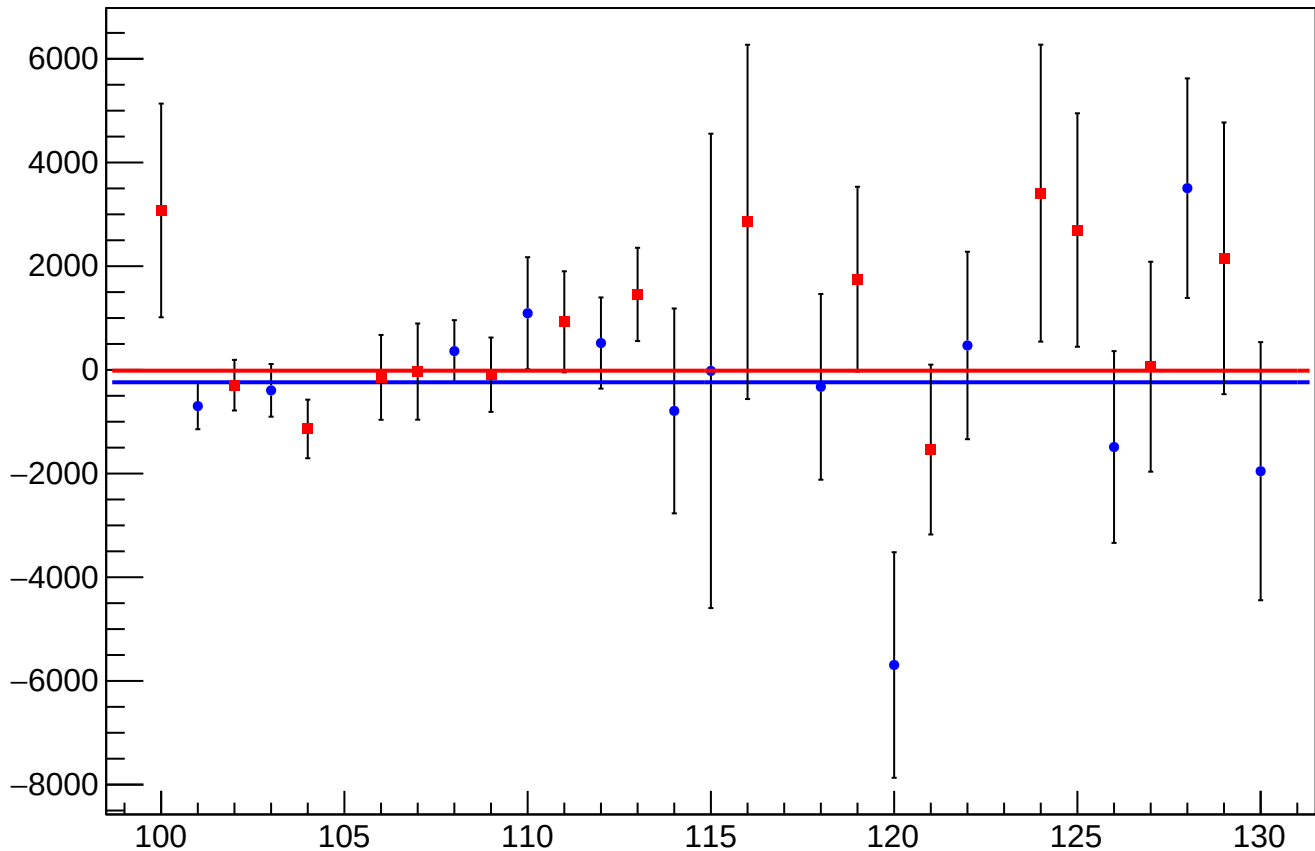
Right: 535.075+/-0.128 χ^2/NDF : 5240180.8/27

In: 523.256+/-0.182 χ^2/NDF : 2821013.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 535.075+/-0.128 χ^2/NDF : 5240180.8/27

asym_sam6_mean vs Slug, Sign Corrected



Right In: -239.051+/-252.728 χ^2/NDF : 15.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.260+/-250.577 χ^2/NDF : 16.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

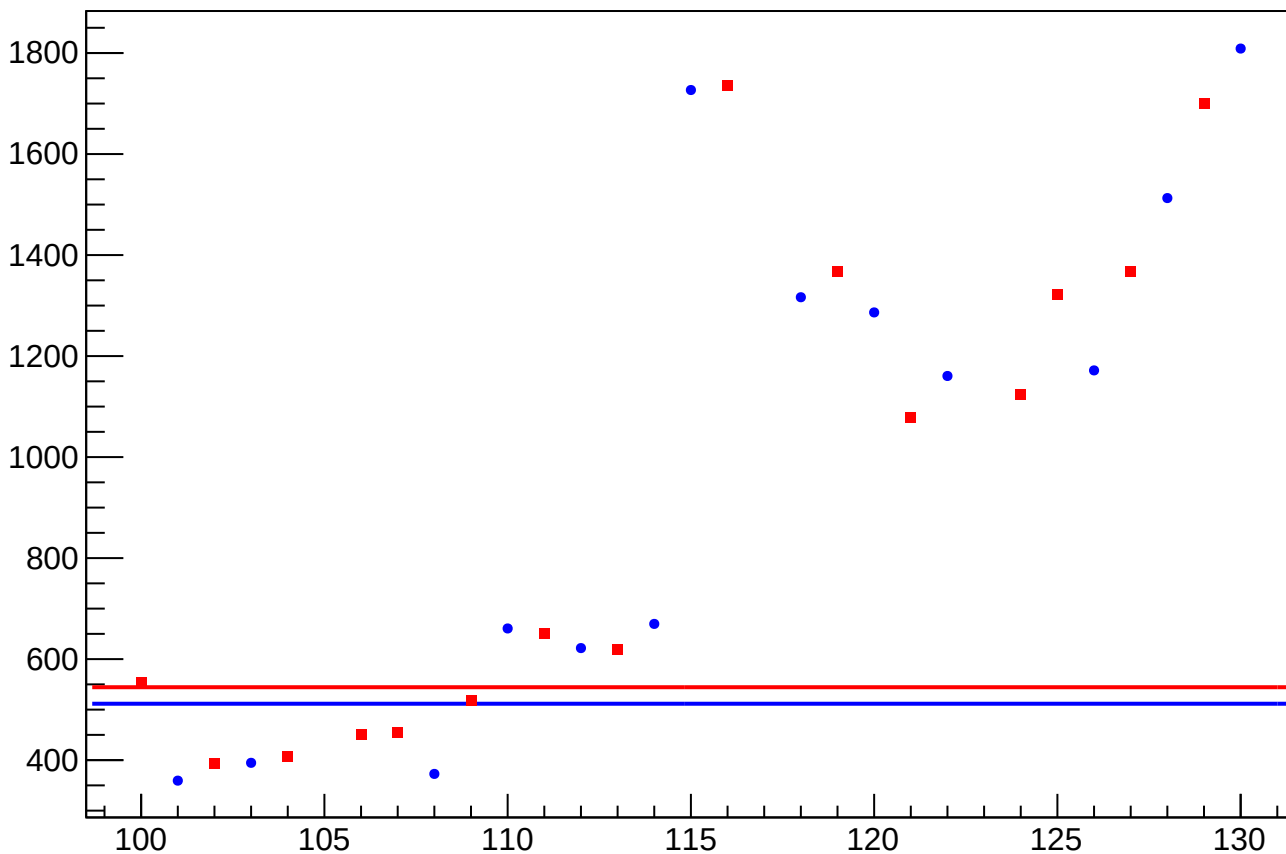
Right: -126.199+/-177.940 χ^2/NDF : 31.7/27

In: -239.051+/-252.728 χ^2/NDF : 15.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -126.199+/-177.940 χ^2/NDF : 31.7/27

asym_sam6_rms vs Slug, Sign Corrected



Right In: 511.659+/-0.179 χ^2/NDF : 2830166.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 544.352+/-0.177 χ^2/NDF : 2318335.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

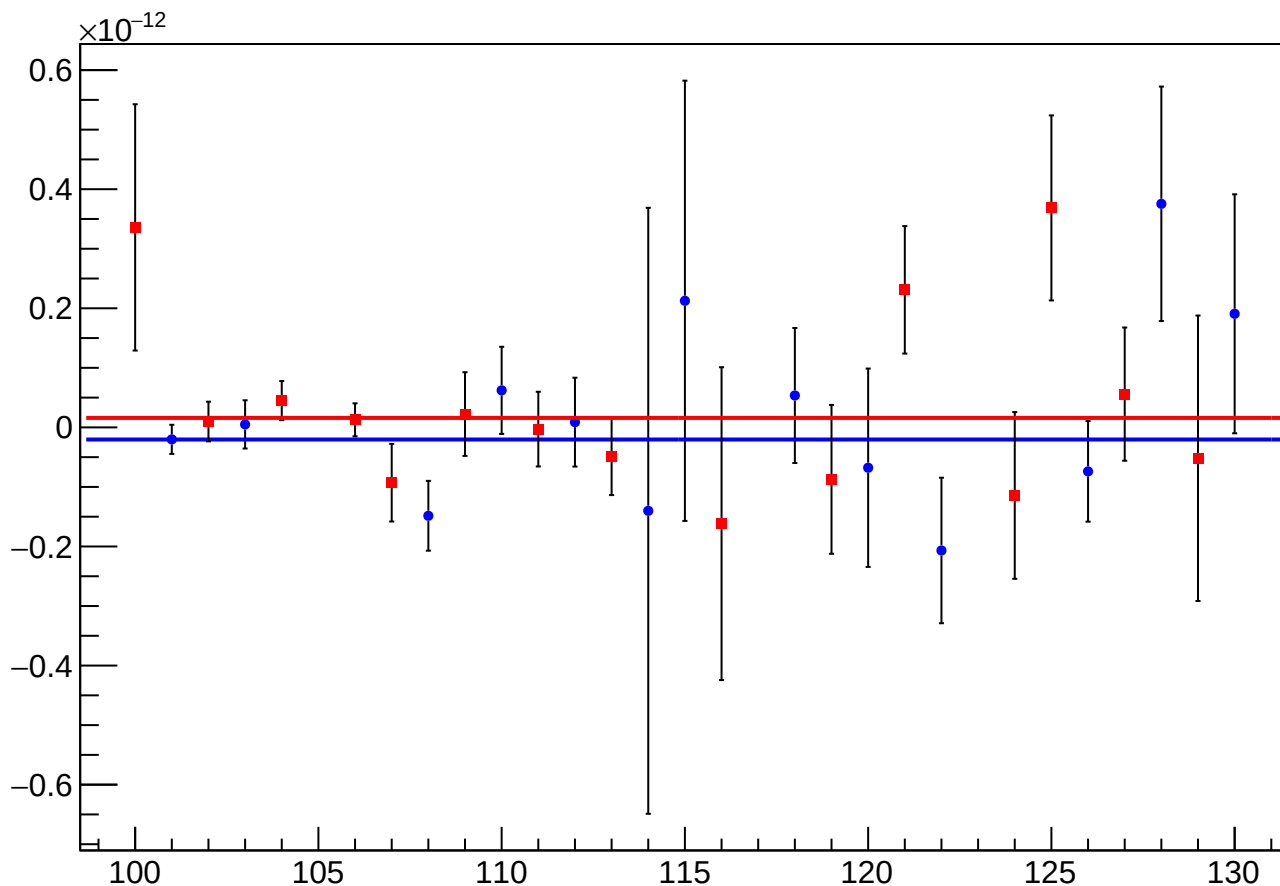
Right: 528.145+/-0.126 χ^2/NDF : 5165379.6/27

In: 511.659+/-0.179 χ^2/NDF : 2830166.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 528.145+/-0.126 χ^2/NDF : 5165379.6/27

asym_sam6_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 18.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

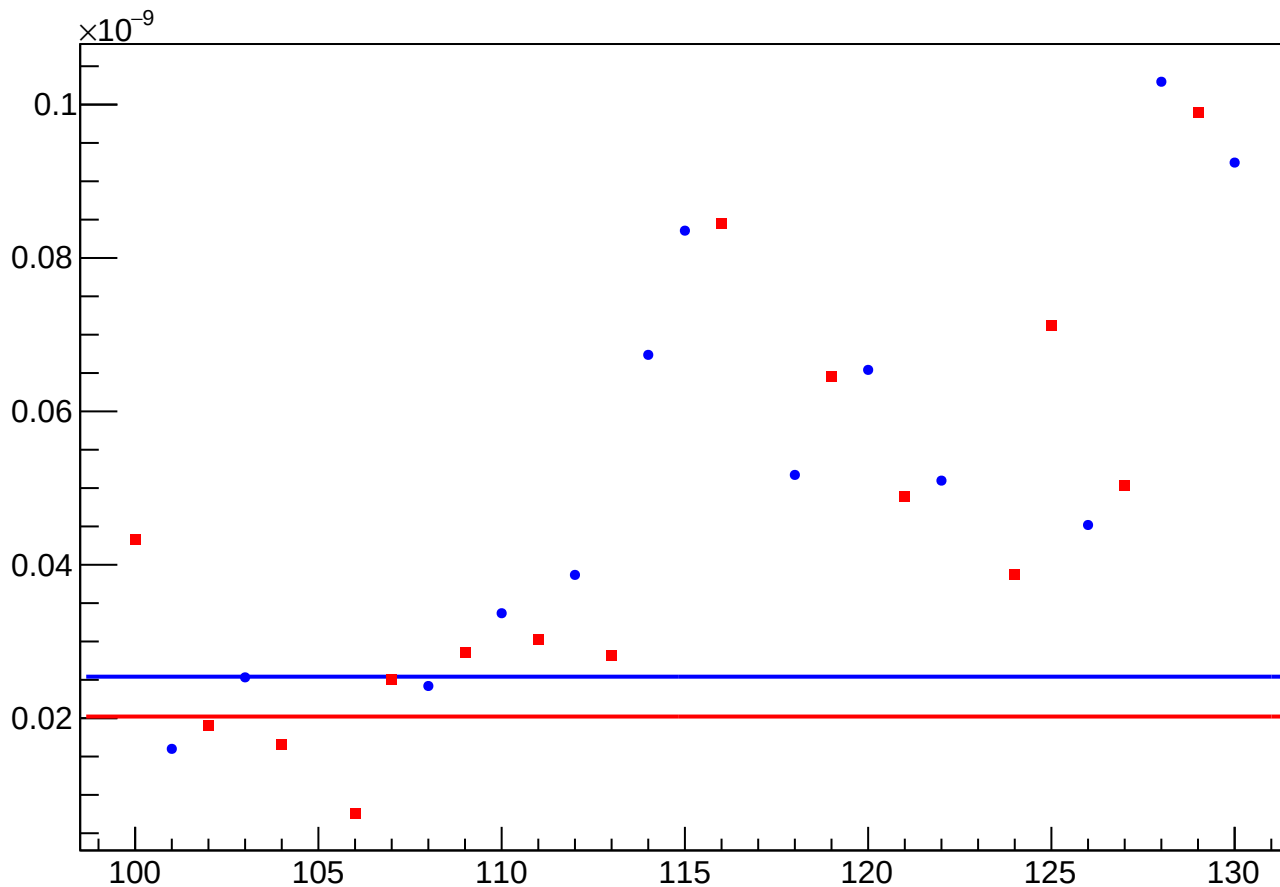
Right: 0.000+/-0.000 χ^2/NDF : 36.4/27

In: -0.000+/-0.000 χ^2/NDF : 15.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 36.4/27

asym_sam6_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1402835.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1718753.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

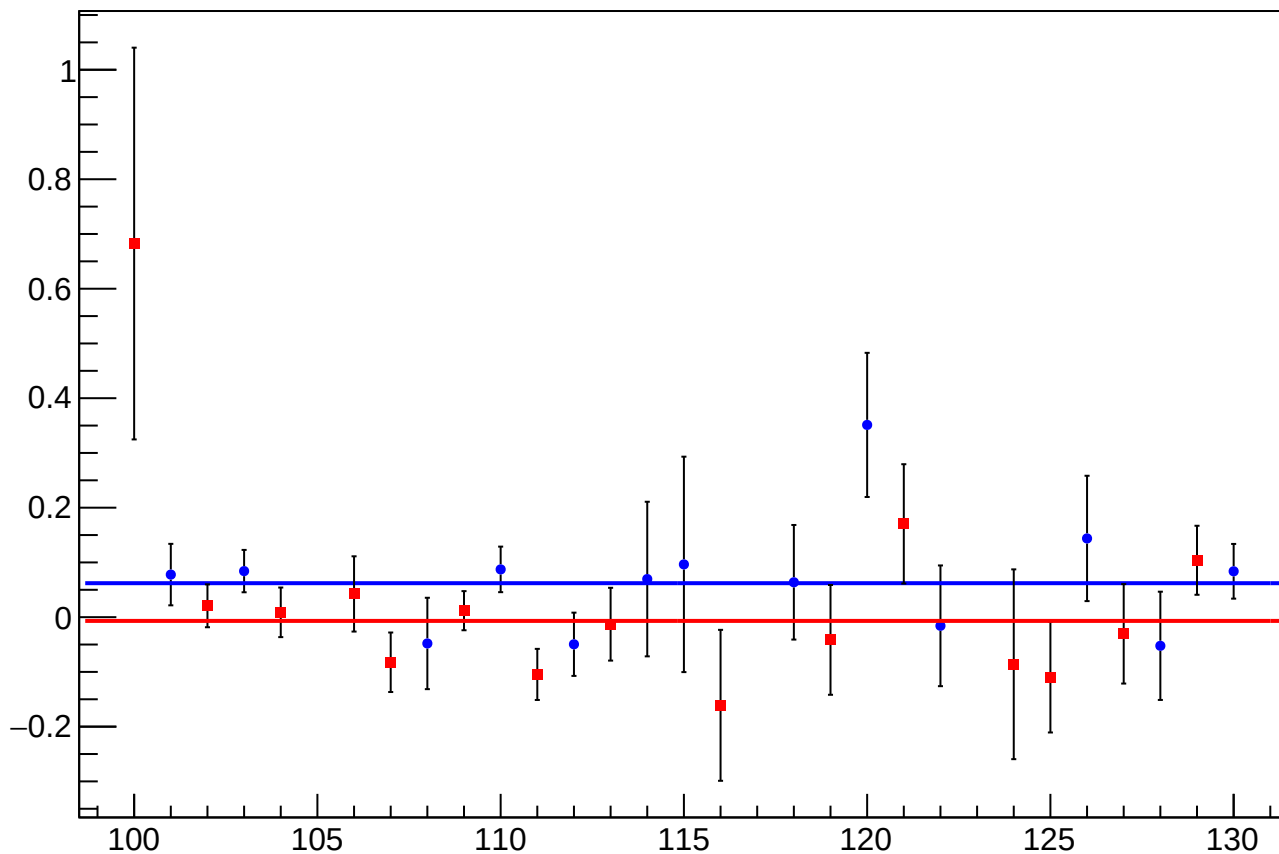
Right: 0.000+/-0.000 χ^2/NDF : 3224325.4/27

In: 0.000+/-0.000 χ^2/NDF : 1402835.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3224325.4/27

asym_sam6_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.062 $\pm$ 0.019 χ^2 /NDF: 13.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.007 $\pm$ 0.016 χ^2 /NDF: 19.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

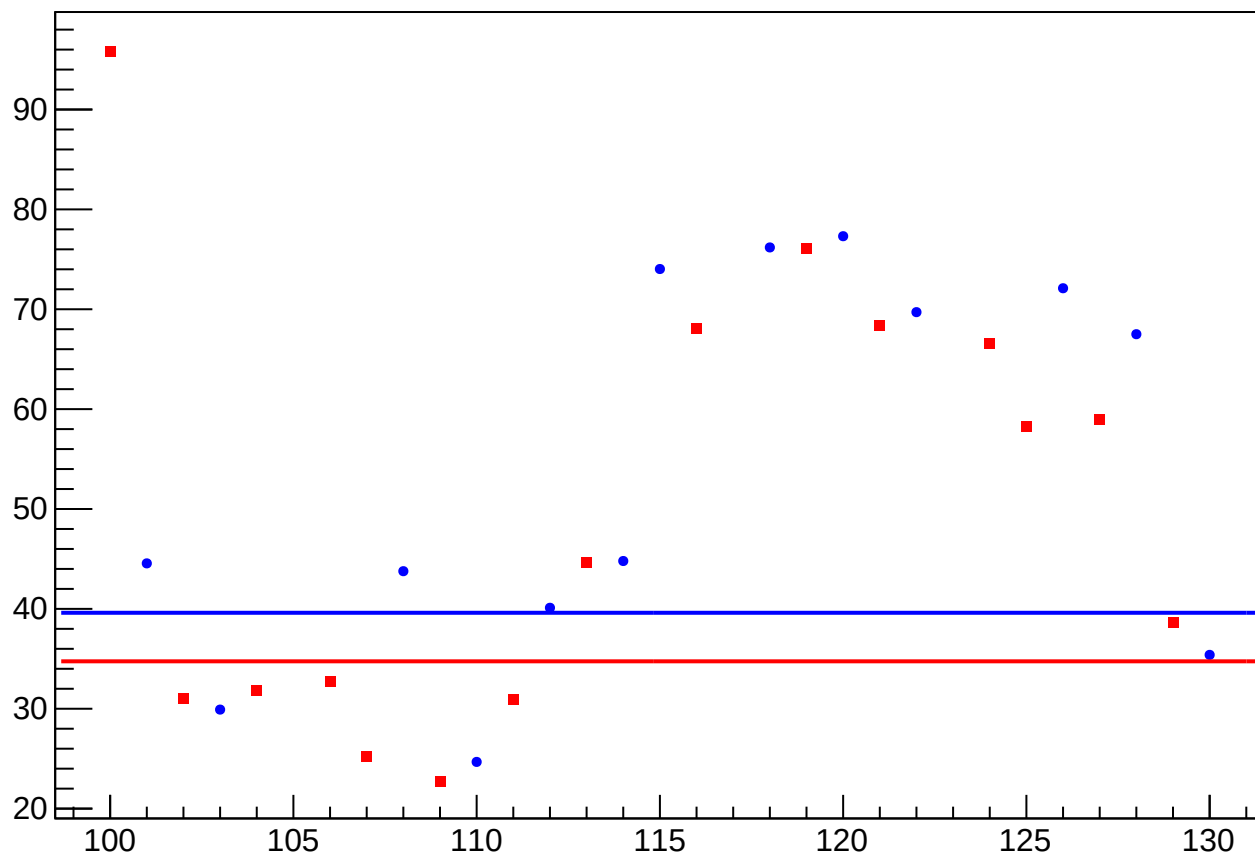
Right: 0.022 $\pm$ 0.012 χ^2 /NDF: 41.4/27

In: 0.062 $\pm$ 0.019 χ^2 /NDF:13.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.022 $\pm$ 0.012 χ^2 /NDF: 41.4/27

asym_sam6_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.609+/-0.013 χ^2/NDF : 1359585.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 34.748+/-0.011 χ^2/NDF : 1405130.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

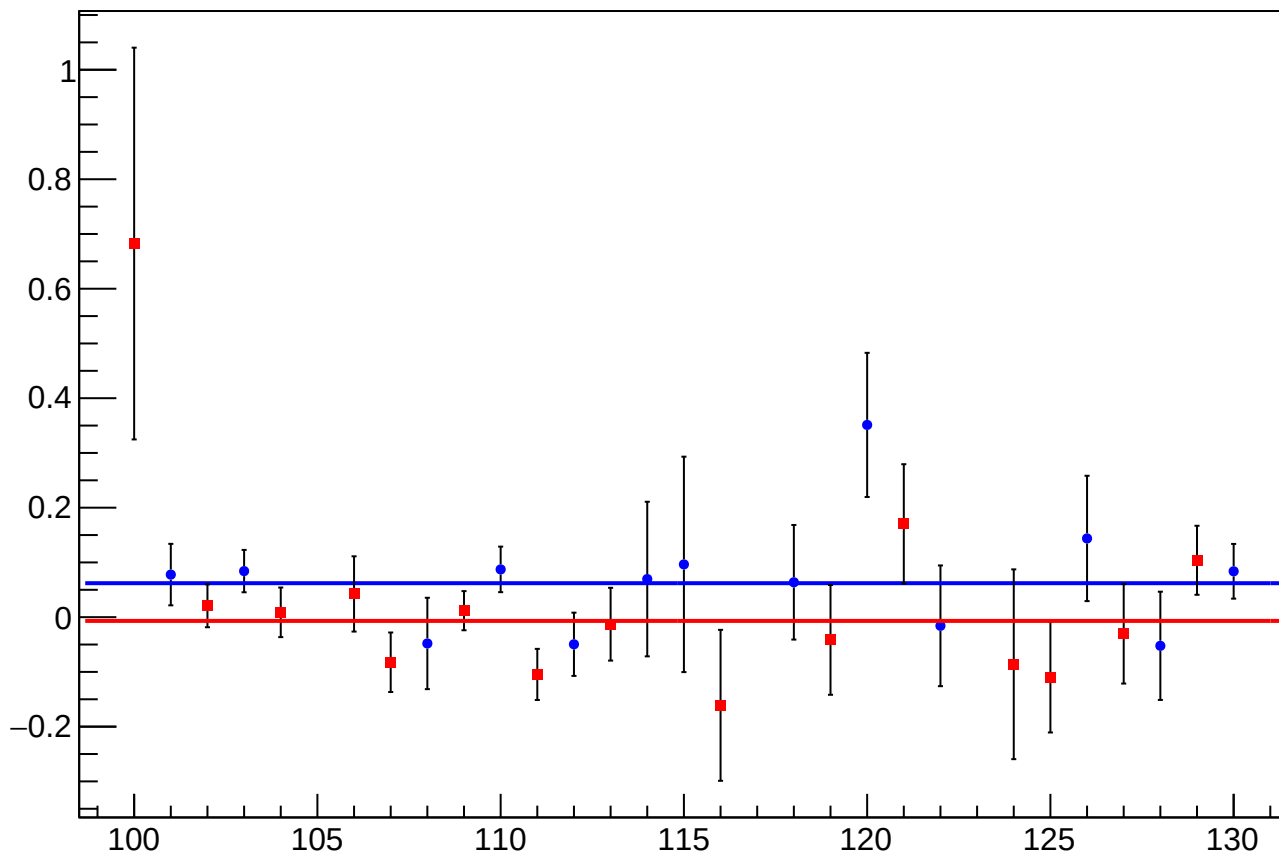
Right: 36.816+/-0.009 χ^2/NDF : 2843233.2/27

In: 39.609+/-0.013 χ^2/NDF :1359585.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 36.816+/-0.009 χ^2/NDF : 2843233.2/27

asym_sam6_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.062+/-0.019 χ^2/NDF : 13.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.007+/-0.016 χ^2/NDF : 19.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

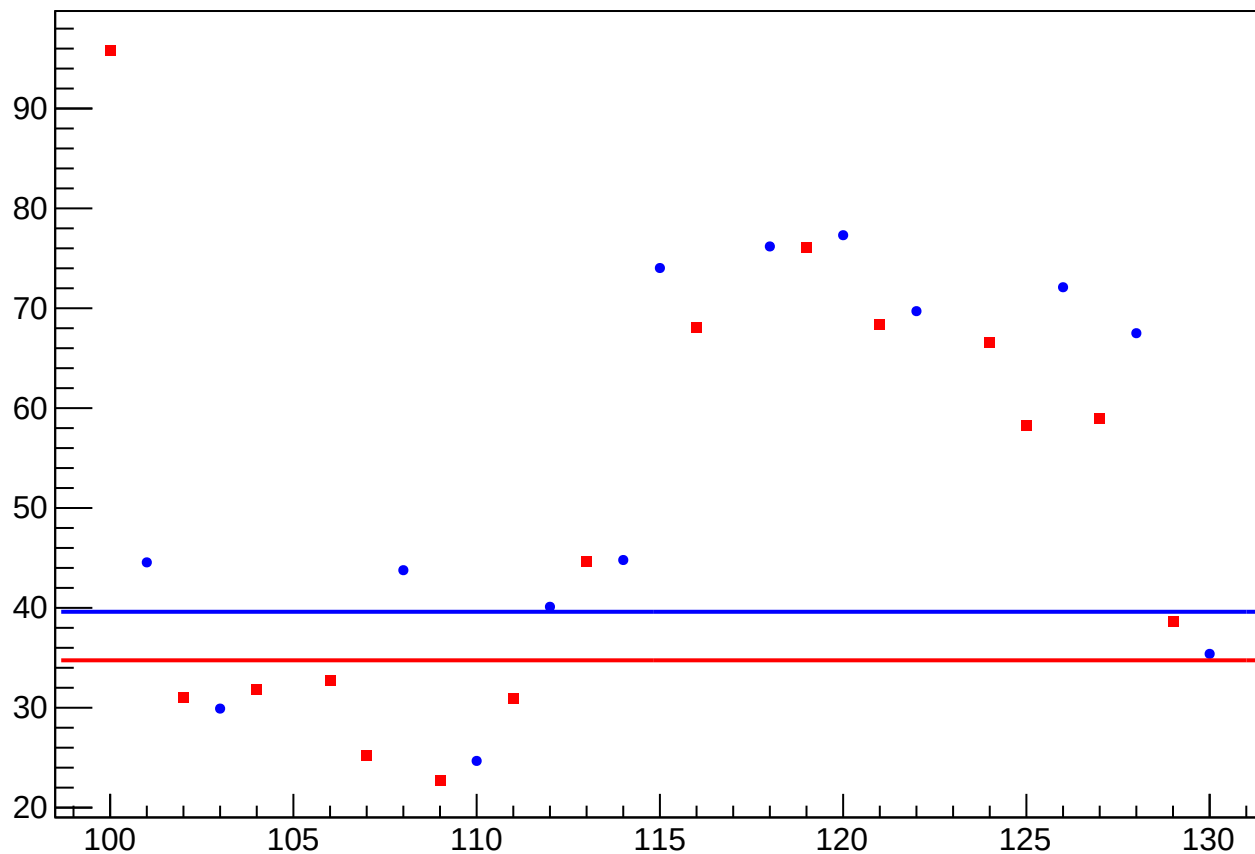
Right: 0.022+/-0.012 χ^2/NDF : 41.4/27

In: 0.062+/-0.019 χ^2/NDF : 13.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.012 χ^2/NDF : 41.4/27

asym_sam6_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.609 $\pm$ 0.013 χ^2 /NDF: 1359585.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 34.748 $\pm$ 0.011 χ^2 /NDF: 1405130.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

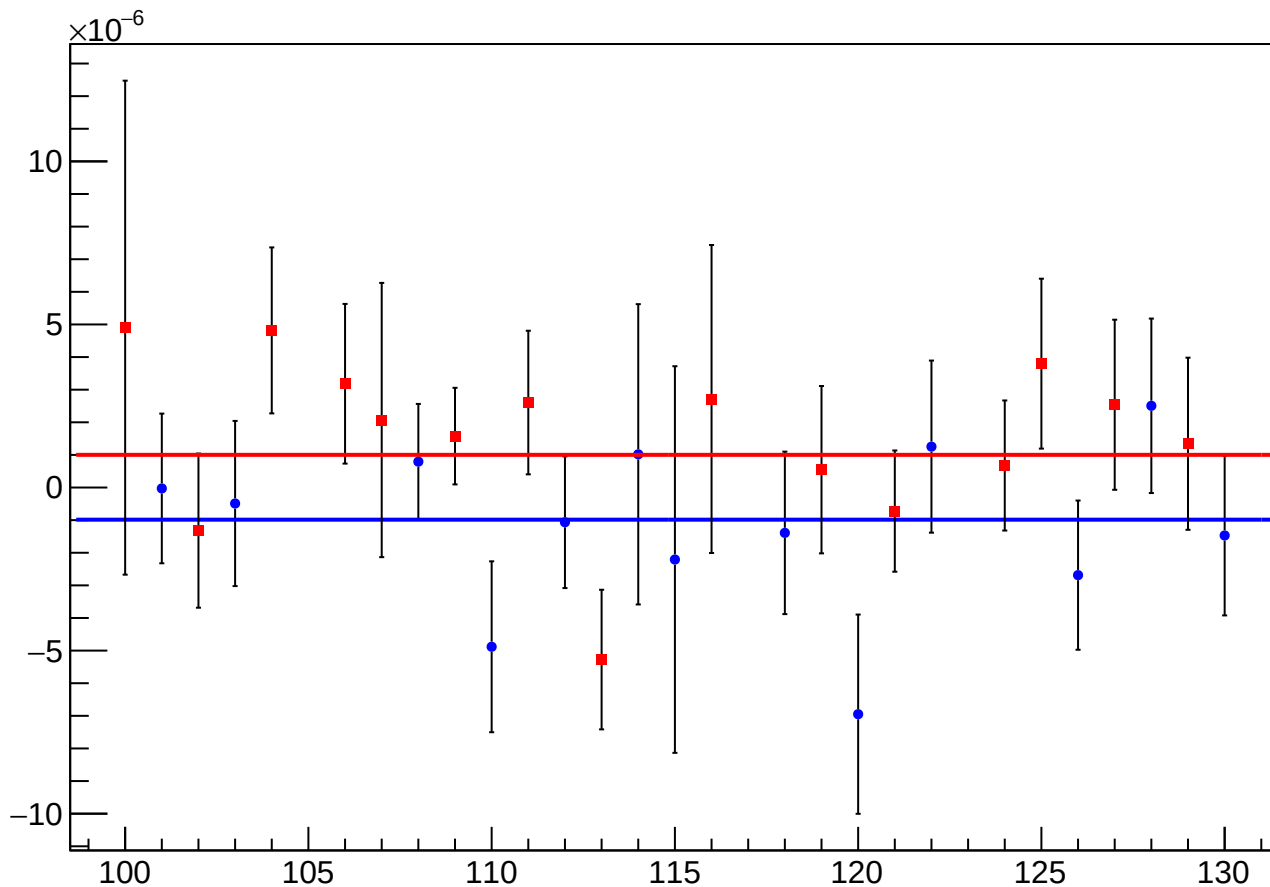
Right: 36.816 $\pm$ 0.009 χ^2 /NDF: 2843233.2/27

In: 39.609 $\pm$ 0.013 χ^2 /NDF:1359585.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 36.816 $\pm$ 0.009 χ^2 /NDF: 2843233.2/27

asym_sam6_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 10.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 16.2/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

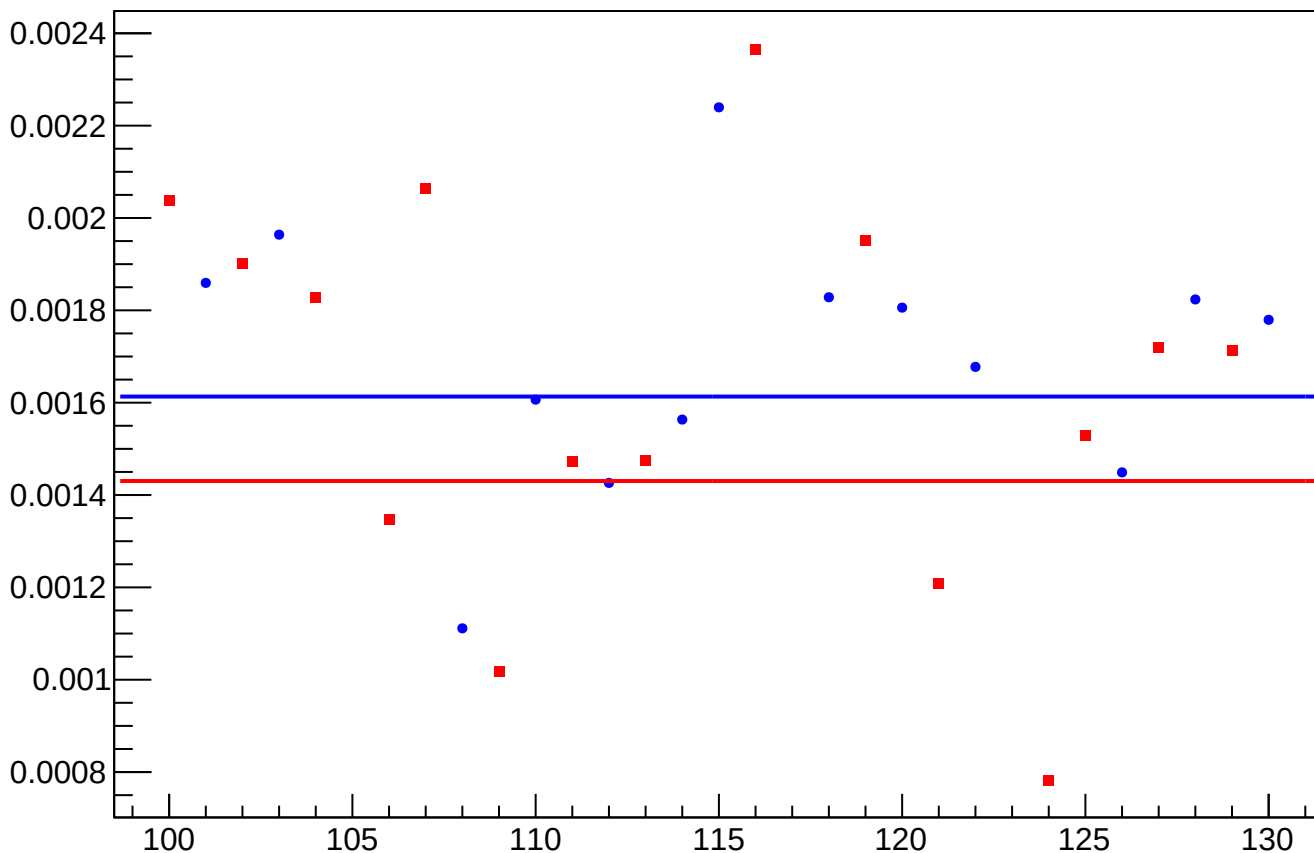
Right: 0.000 ± 0.000 χ^2/NDF : 31.3/27

In: -0.000 ± 0.000 χ^2/NDF : 10.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 31.3/27

asym_sam6_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 317962.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 796498.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

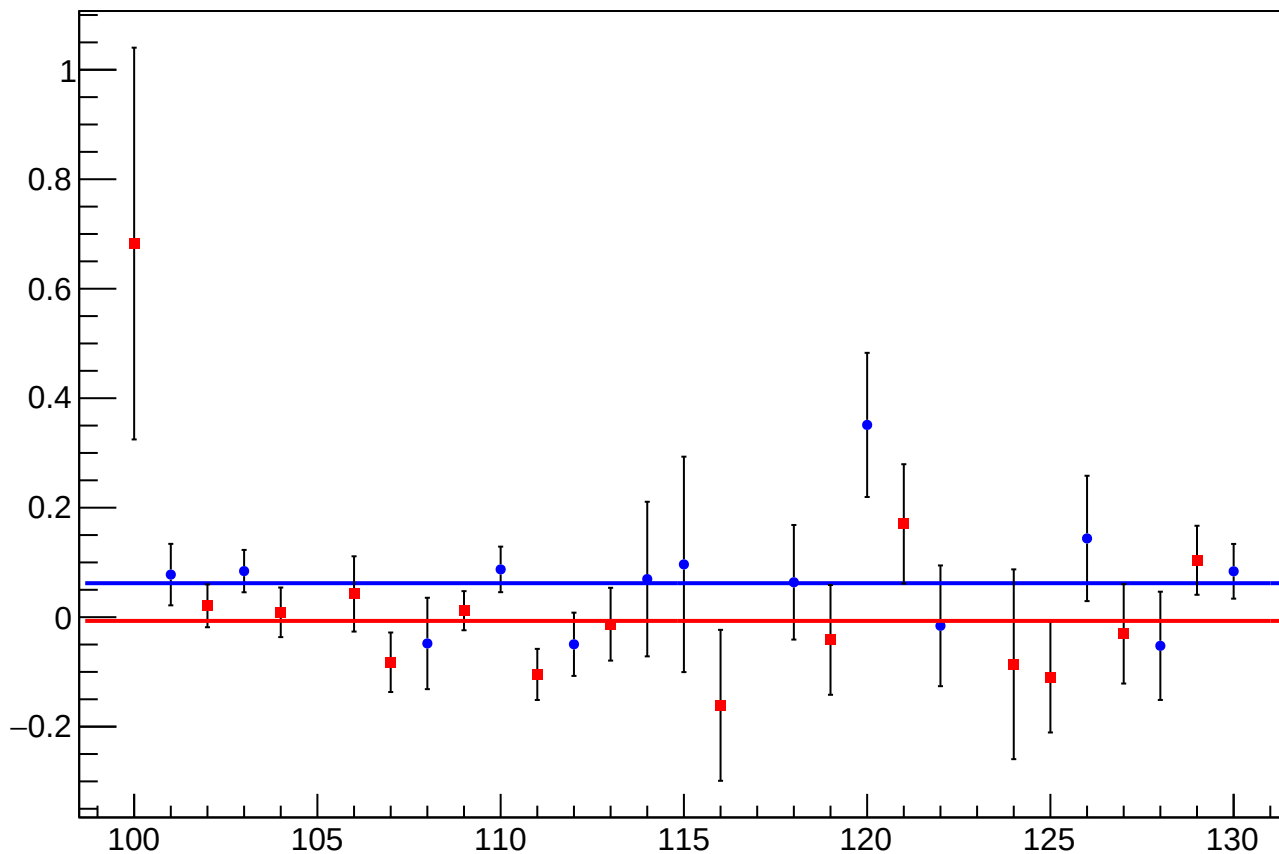
Right: 0.002+/-0.000 χ^2/NDF : 1191395.3/27

In: 0.002+/-0.000 χ^2/NDF :317962.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1191395.3/27

asym_sam6_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.062 $\pm$ 0.019 χ^2 /NDF: 13.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.007 $\pm$ 0.016 χ^2 /NDF: 19.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

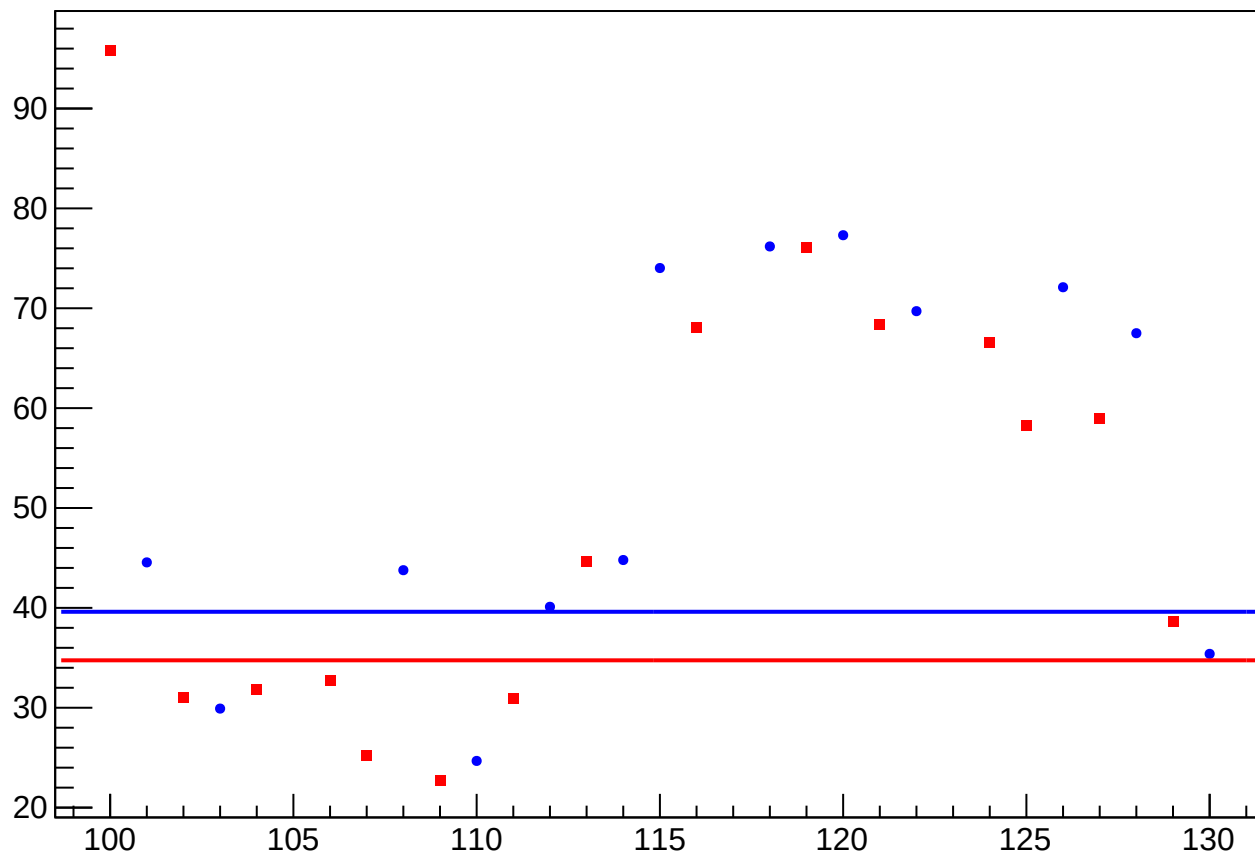
Right: 0.022 $\pm$ 0.012 χ^2 /NDF: 41.4/27

In: 0.062 $\pm$ 0.019 χ^2 /NDF:13.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.022 $\pm$ 0.012 χ^2 /NDF: 41.4/27

asym_sam6_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.608+/-0.013 χ^2/NDF : 1359592.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.748+/-0.011 χ^2/NDF : 1405126.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

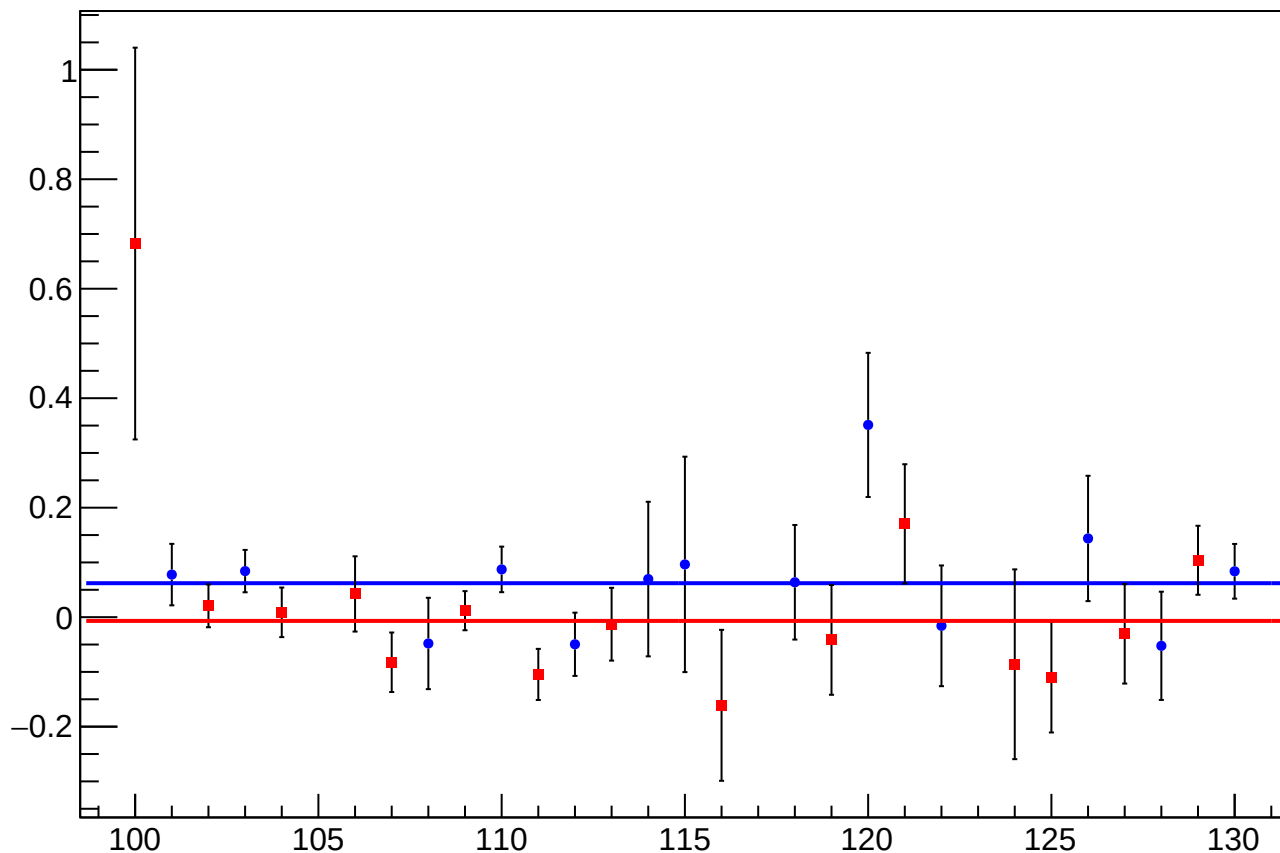
Right: 36.816+/-0.009 χ^2/NDF : 2843229.8/27

In: 39.608+/-0.013 χ^2/NDF : 1359592.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.816+/-0.009 χ^2/NDF : 2843229.8/27

asym_sam6_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.062+/-0.019 χ^2/NDF : 13.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.007+/-0.016 χ^2/NDF : 19.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

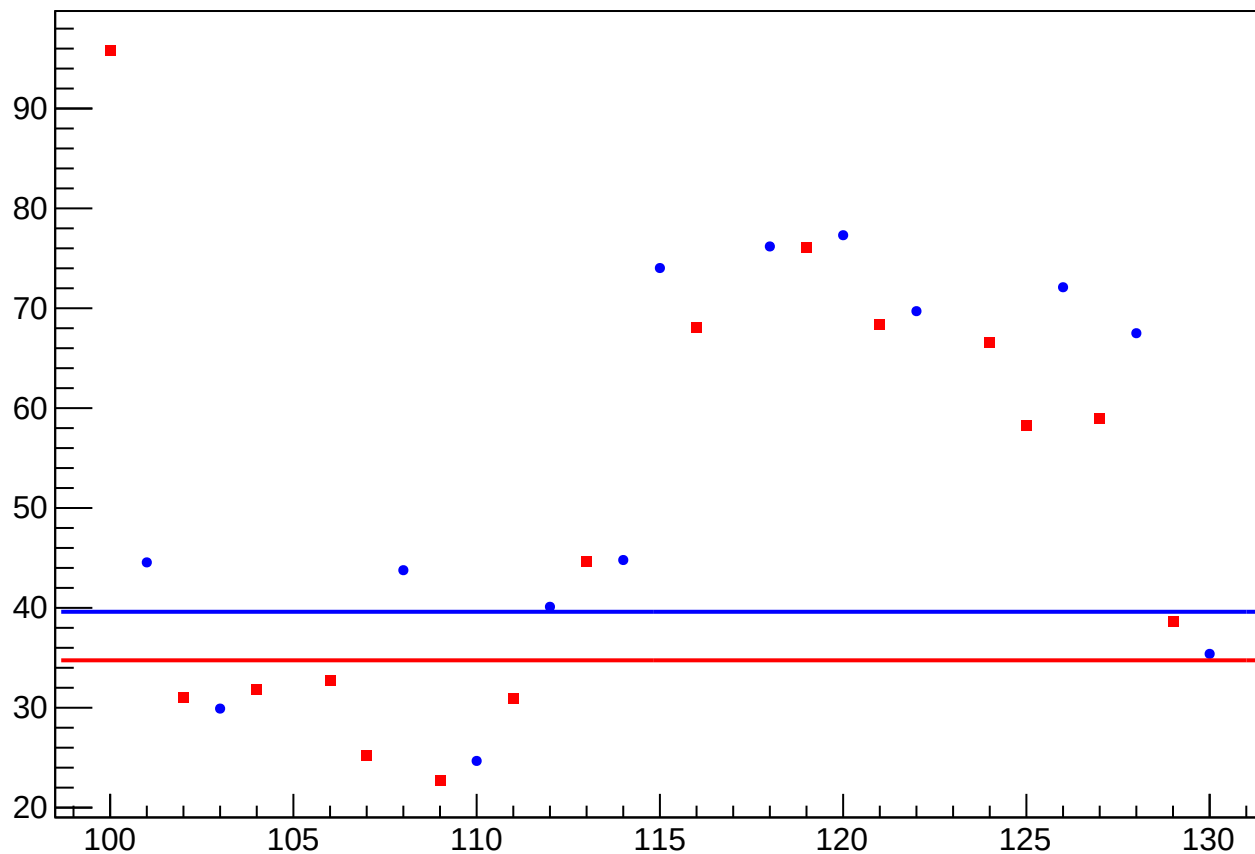
Right: 0.022+/-0.012 χ^2/NDF : 41.4/27

In: 0.062+/-0.019 χ^2/NDF : 13.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.012 χ^2/NDF : 41.4/27

asym_sam6_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.608+/-0.013 χ^2/NDF : 1359592.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 34.748+/-0.011 χ^2/NDF : 1405126.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

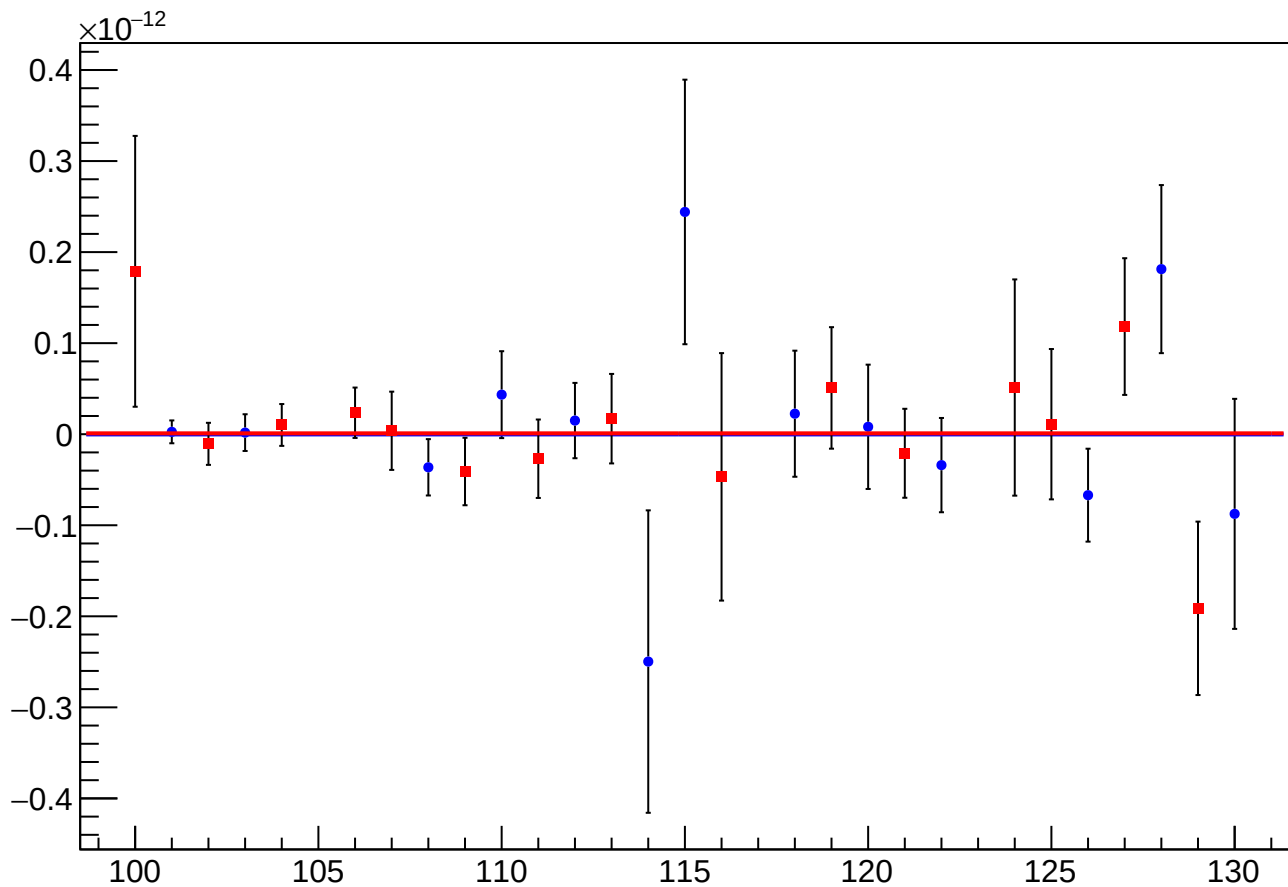
Right: 36.816+/-0.009 χ^2/NDF : 2843229.8/27

In: 39.608+/-0.013 χ^2/NDF :1359592.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 36.816+/-0.009 χ^2/NDF : 2843229.8/27

asym_sam6_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

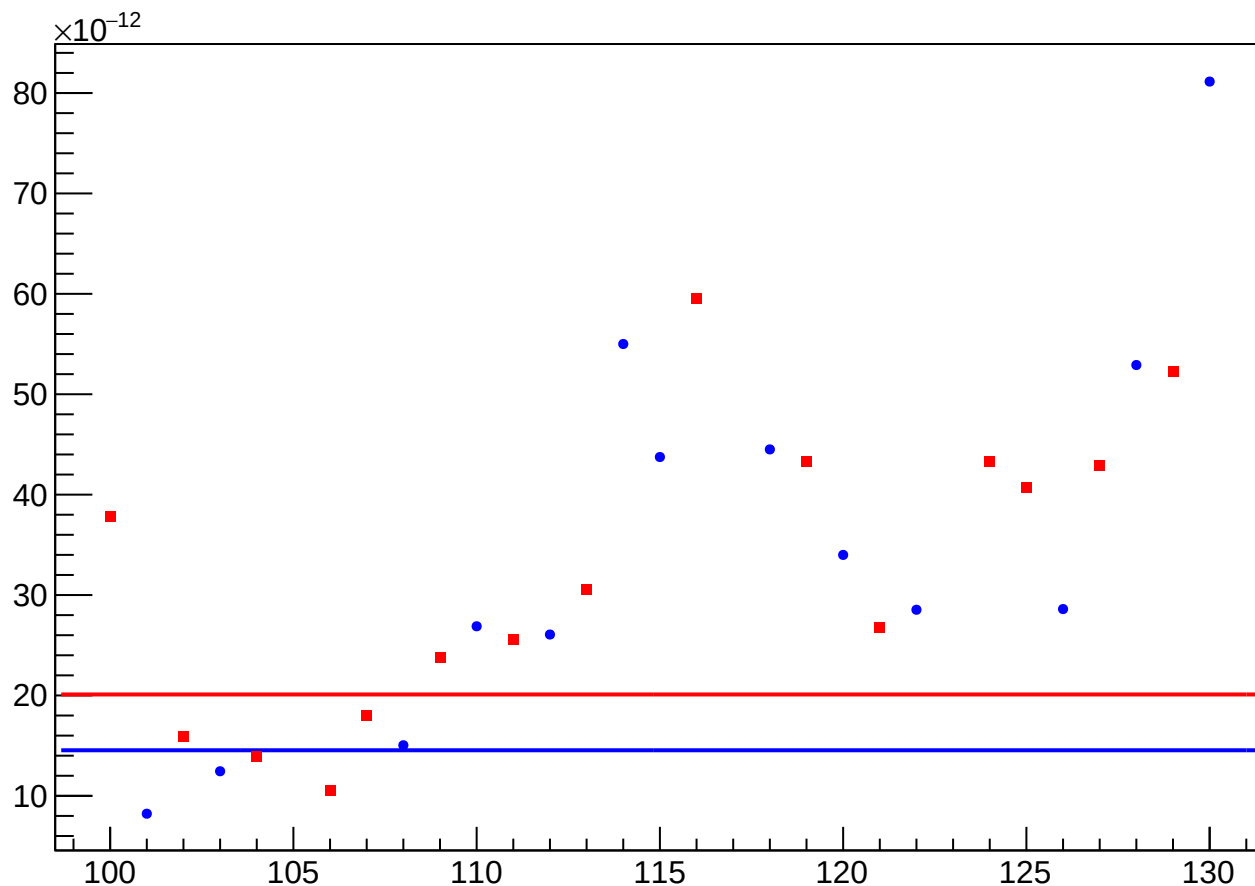
Right: 0.000+/-0.000 χ^2/NDF : 26.0/27

In: -0.000+/-0.000 χ^2/NDF : 14.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.0/27

asym_sam6_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2754638.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1689531.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

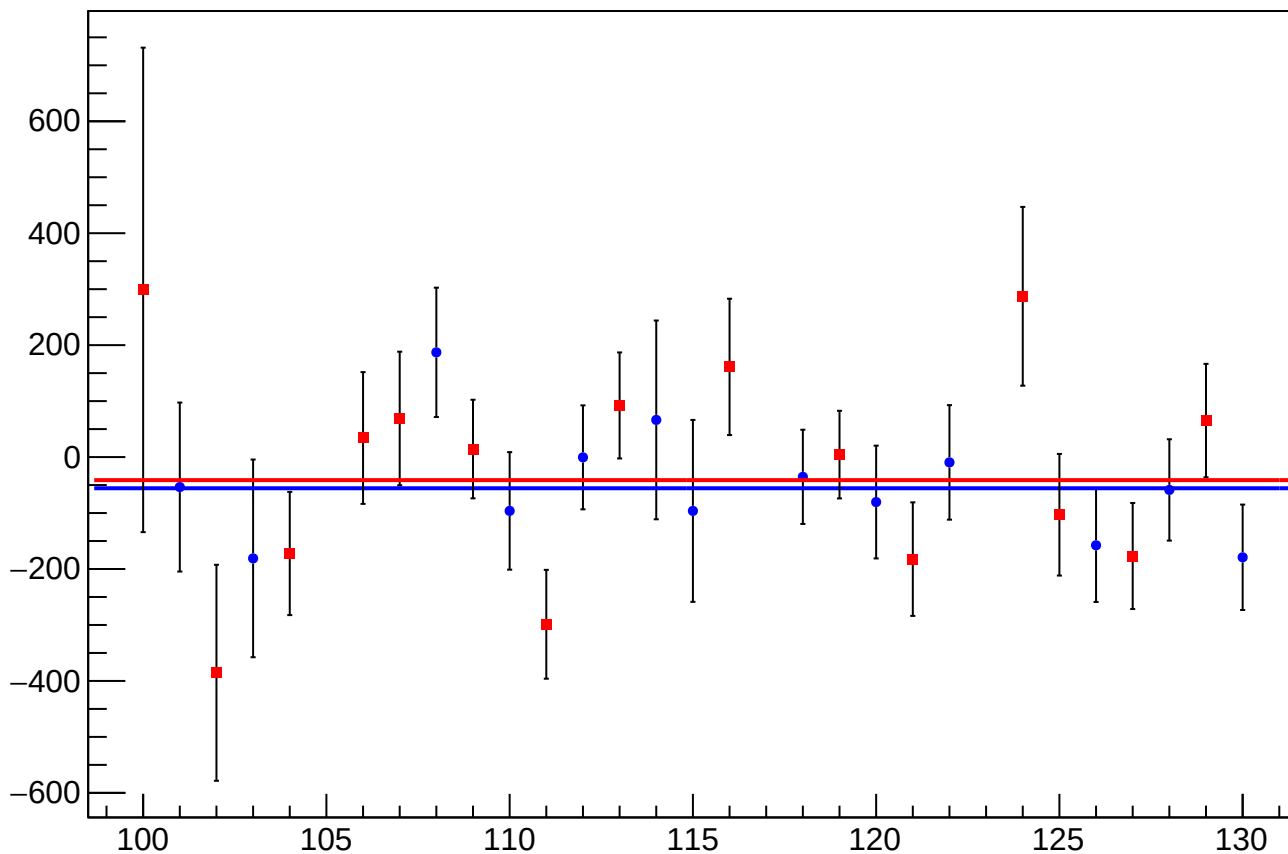
Right: 0.000+/-0.000 χ^2/NDF : 4755936.6/27

In: 0.000+/-0.000 χ^2/NDF : 2754638.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4755936.6/27

reg_asym_sam7_mean vs Slug, Sign Corrected



Right In: -55.730 ± 30.227 χ^2/NDF : 9.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -41.206 ± 28.132 χ^2/NDF : 28.6/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

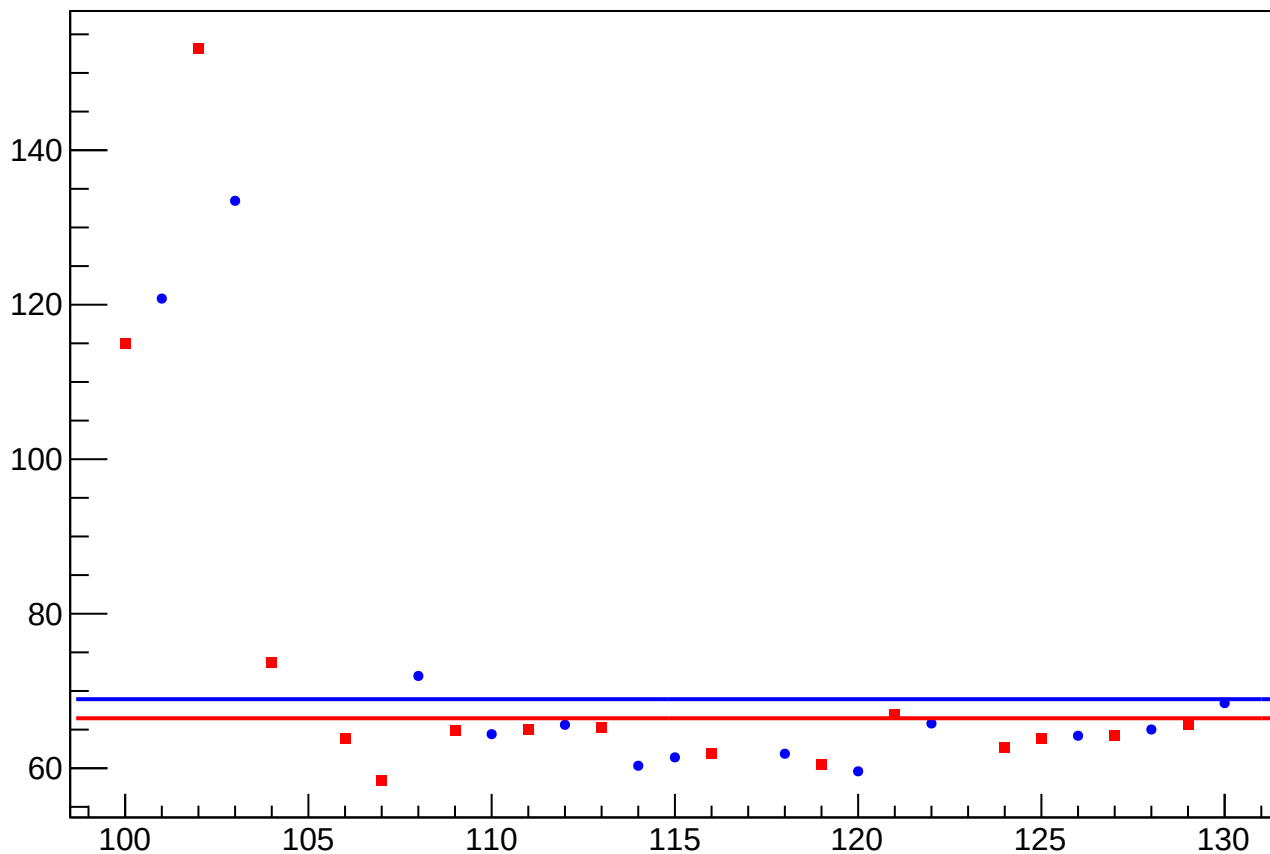
Right: -47.947 ± 20.593 χ^2/NDF : 37.7/27

In: -55.730 ± 30.227 χ^2/NDF : 9.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -47.947 ± 20.593 χ^2/NDF : 37.7/27

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 68.938 $\pm$ 0.021 χ^2 /NDF: 560662.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 66.469 $\pm$ 0.020 χ^2 /NDF: 466541.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

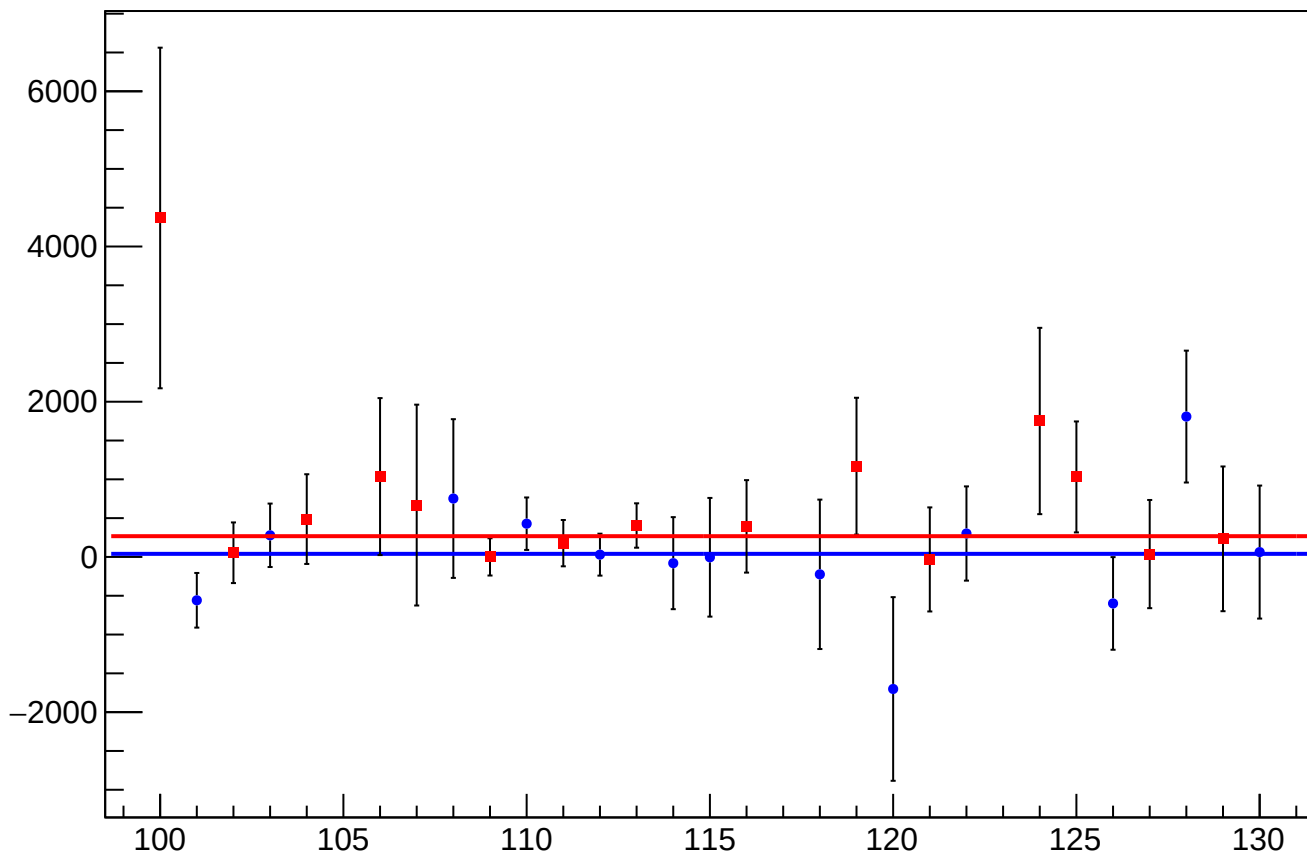
Right: 67.615 $\pm$ 0.015 χ^2 /NDF: 1034350.4/27

In: 68.938 $\pm$ 0.021 χ^2 /NDF:560662.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 67.615 $\pm$ 0.015 χ^2 /NDF: 1034350.4/27

asym_sam7_reg_correction_mean vs Slug, Sign Corrected



Right In: 39.801+/-138.573 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 267.511+/-124.689 χ^2/NDF : 10.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

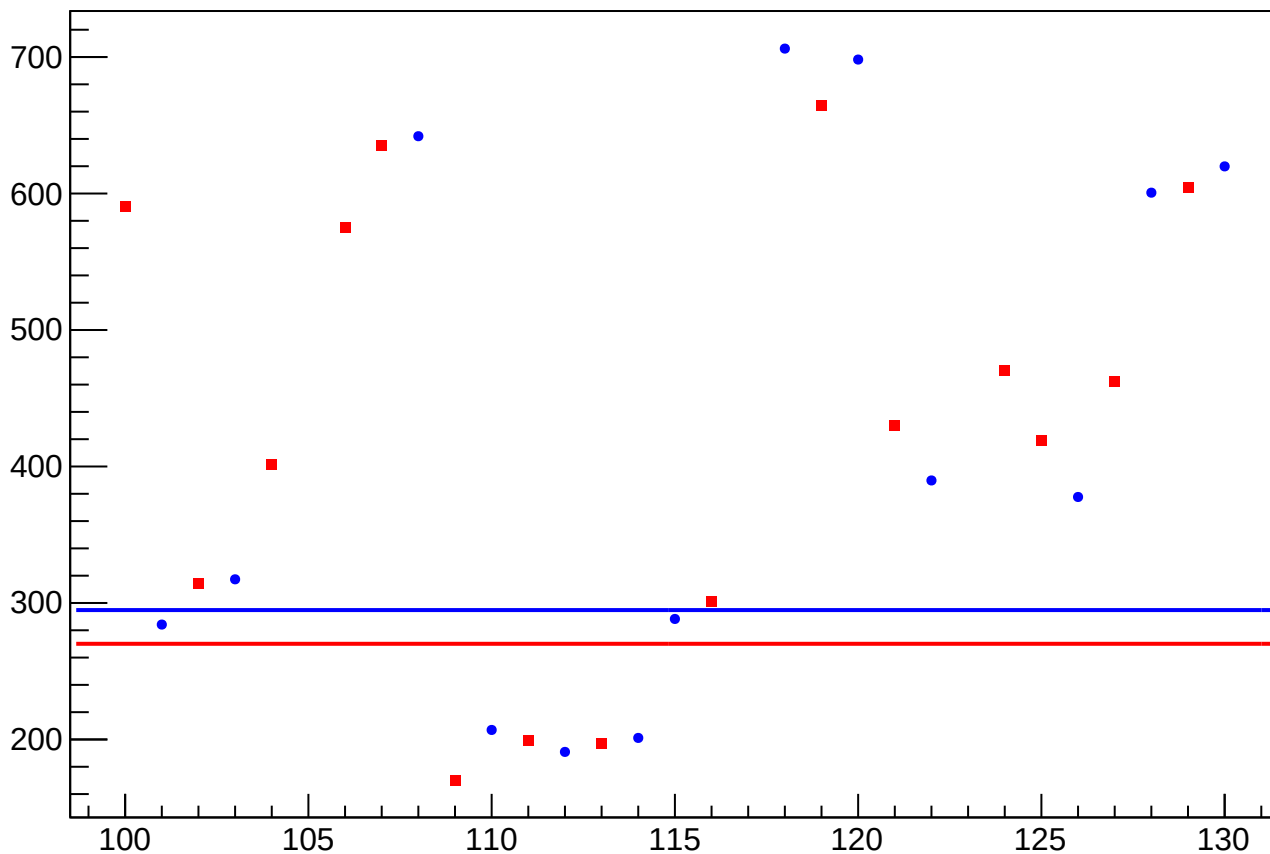
Right: 165.633+/-92.689 χ^2/NDF : 24.7/27

In: 39.801+/-138.573 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.633+/-92.689 χ^2/NDF : 24.7/27

asym_sam7_reg_correction_rms vs Slug, Sign Corrected



Right In: 294.805+/-0.098 χ^2/NDF : 1951542.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 270.097+/-0.088 χ^2/NDF : 2175166.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

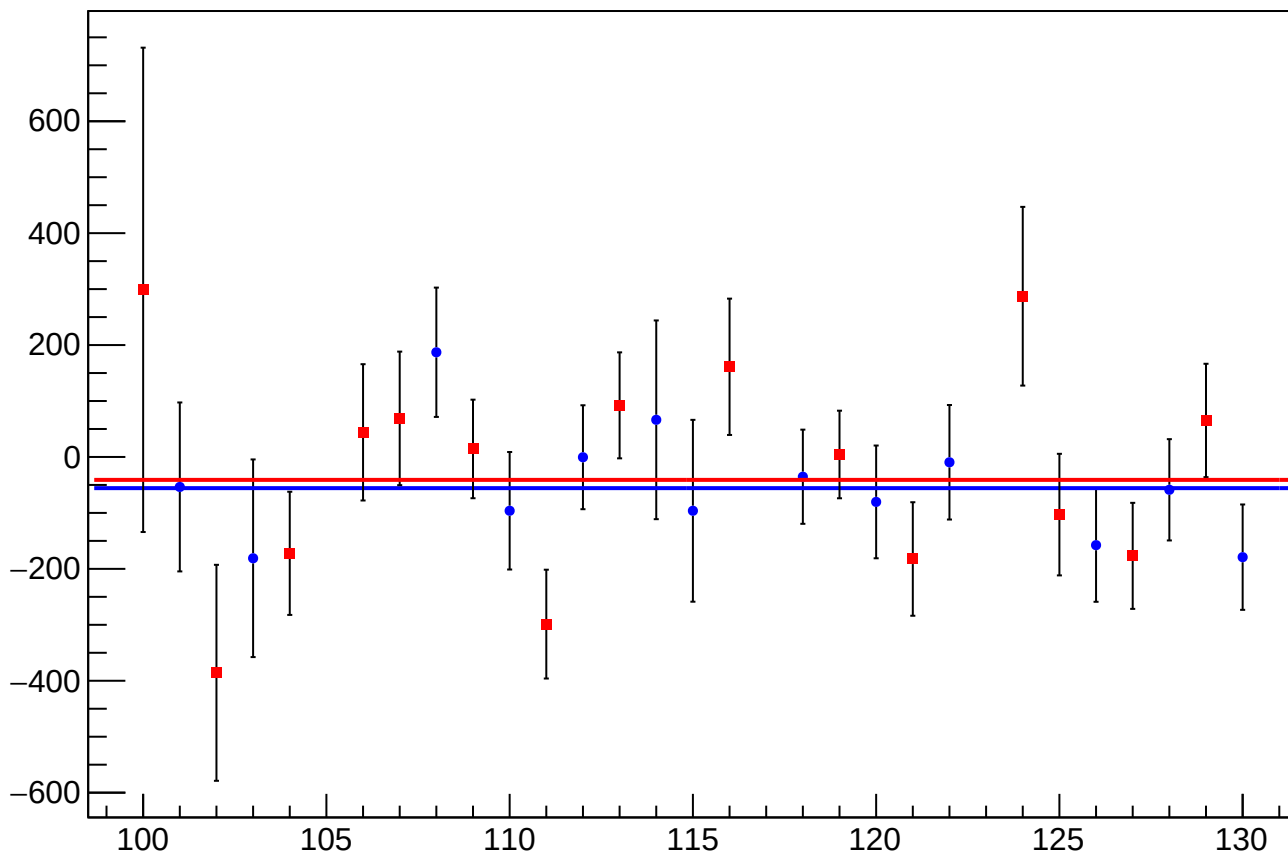
Right: 281.152+/-0.066 χ^2/NDF : 4161843.3/27

In: 294.805+/-0.098 χ^2/NDF : 1951542.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 281.152+/-0.066 χ^2/NDF : 4161843.3/27

cor_asym_sam7_mean vs Slug, Sign Corrected



Right In: -55.731 $\pm$ 30.227 χ^2 /NDF: 9.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -40.960 $\pm$ 28.185 χ^2 /NDF: 28.7/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

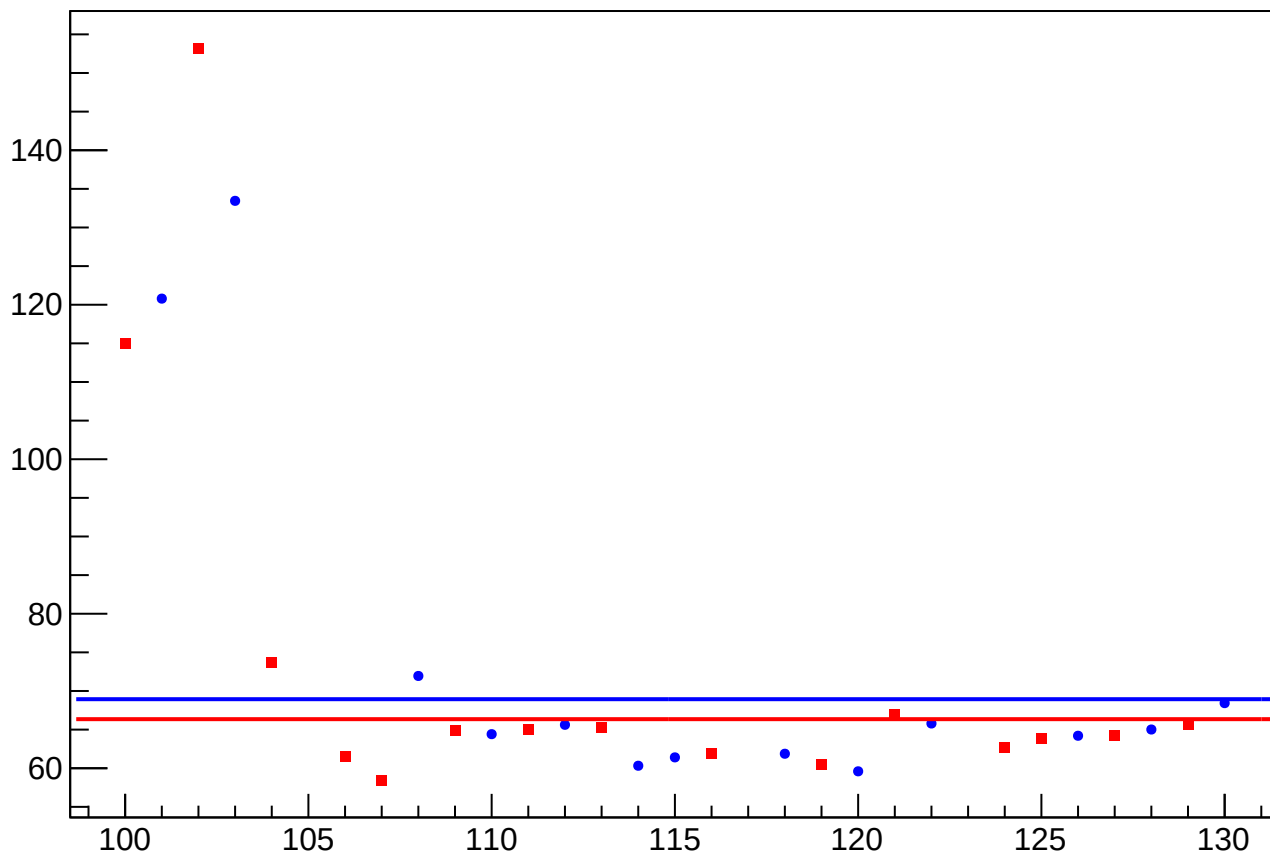
Right: -47.830 $\pm$ 20.614 χ^2 /NDF: 37.8/27

In: -55.731 $\pm$ 30.227 χ^2 /NDF:9.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -47.830 $\pm$ 20.614 χ^2 /NDF: 37.8/27

cor_asym_sam7_rms vs Slug, Sign Corrected



Right In: 68.938 ± 0.021 χ^2/NDF : 560663.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 66.353 ± 0.020 χ^2/NDF : 468846.9/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

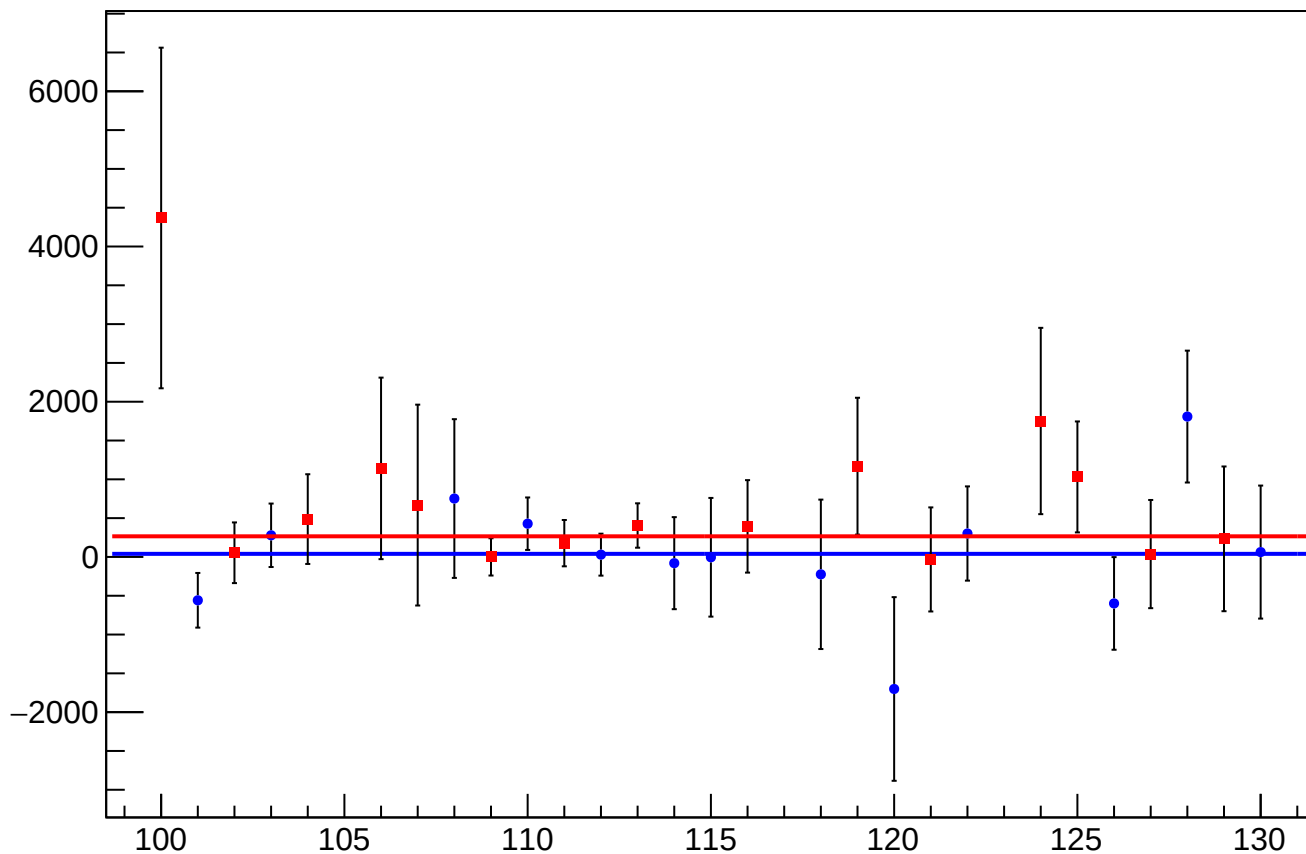
Right: 67.555 ± 0.015 χ^2/NDF : 1037335.1/27

In: 68.938 ± 0.021 χ^2/NDF : 560663.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 67.555 ± 0.015 χ^2/NDF : 1037335.1/27

asym_sam7_cor_correction_mean vs Slug, Sign Corrected



Right In: 39.808+/-138.574 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 265.776+/-124.934 χ^2/NDF : 10.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

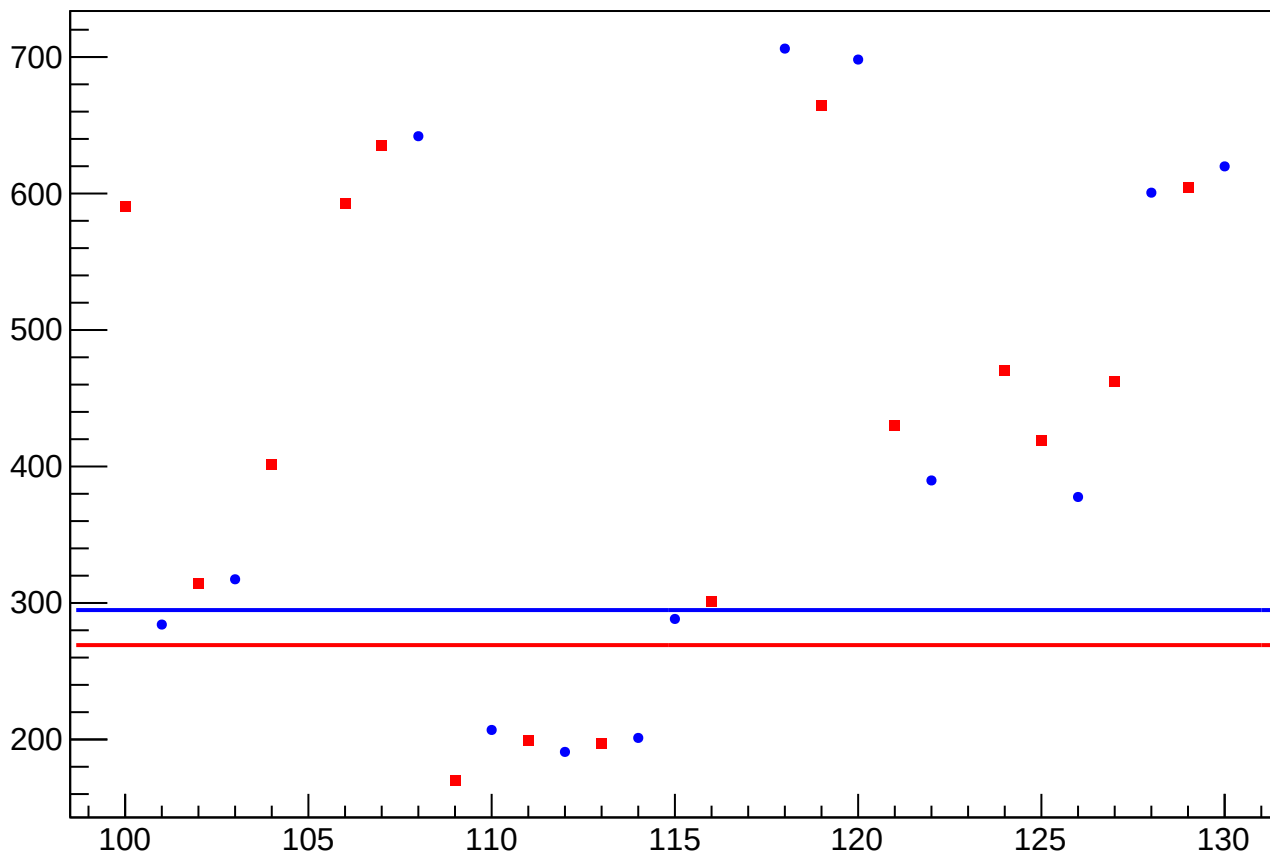
Right: 164.457+/-92.790 χ^2/NDF : 24.7/27

In: 39.808+/-138.574 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.457+/-92.790 χ^2/NDF : 24.7/27

asym_sam7_cor_correction_rms vs Slug, Sign Corrected



Right In: 294.807+/-0.098 χ^2/NDF : 1951554.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 269.138+/-0.088 χ^2/NDF : 2145732.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

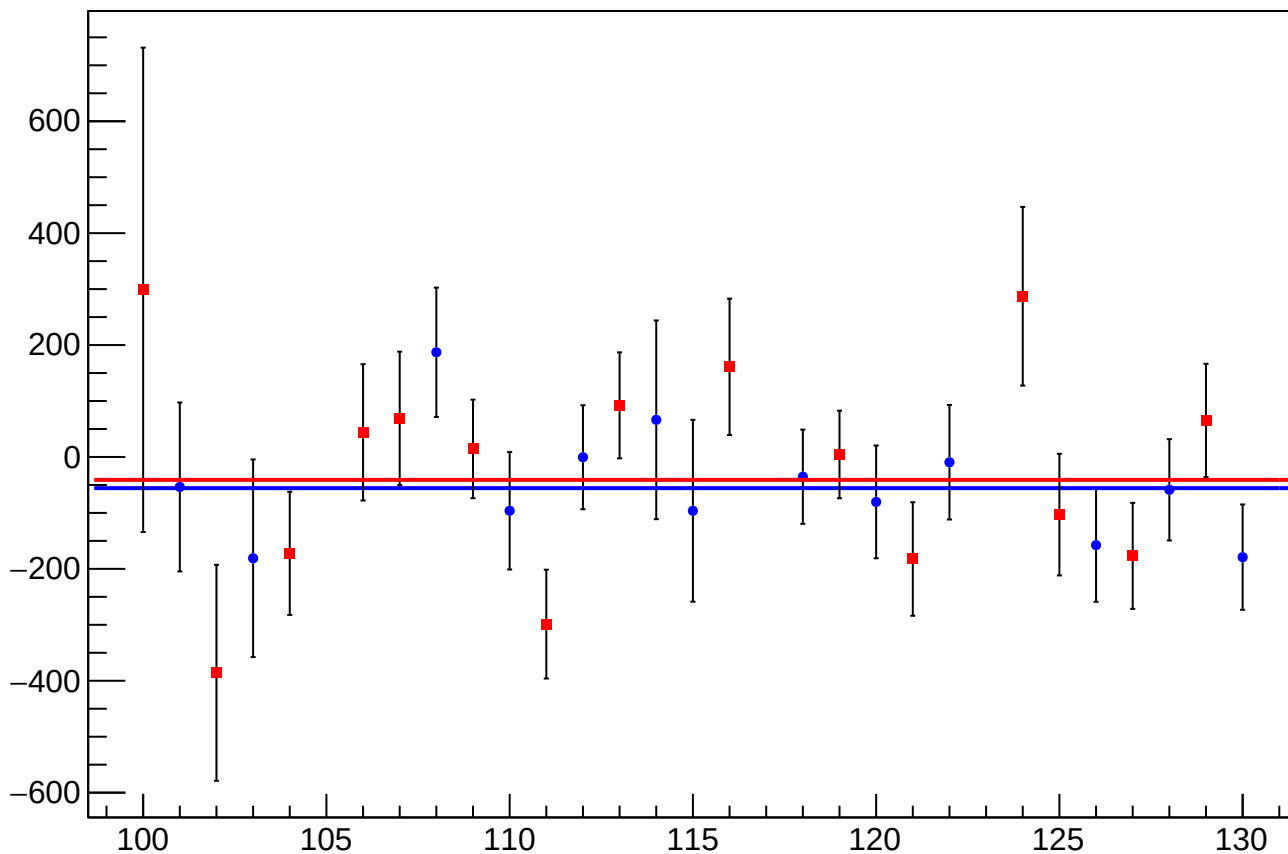
Right: 280.647+/-0.066 χ^2/NDF : 4135140.4/27

In: 294.807+/-0.098 χ^2/NDF : 1951554.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 280.647+/-0.066 χ^2/NDF : 4135140.4/27

eigen_cor_asym_sam7_mean vs Slug, Sign Corrected



Right In: -55.731+/-30.227 χ^2/NDF : 9.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -40.960+/-28.185 χ^2/NDF : 28.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

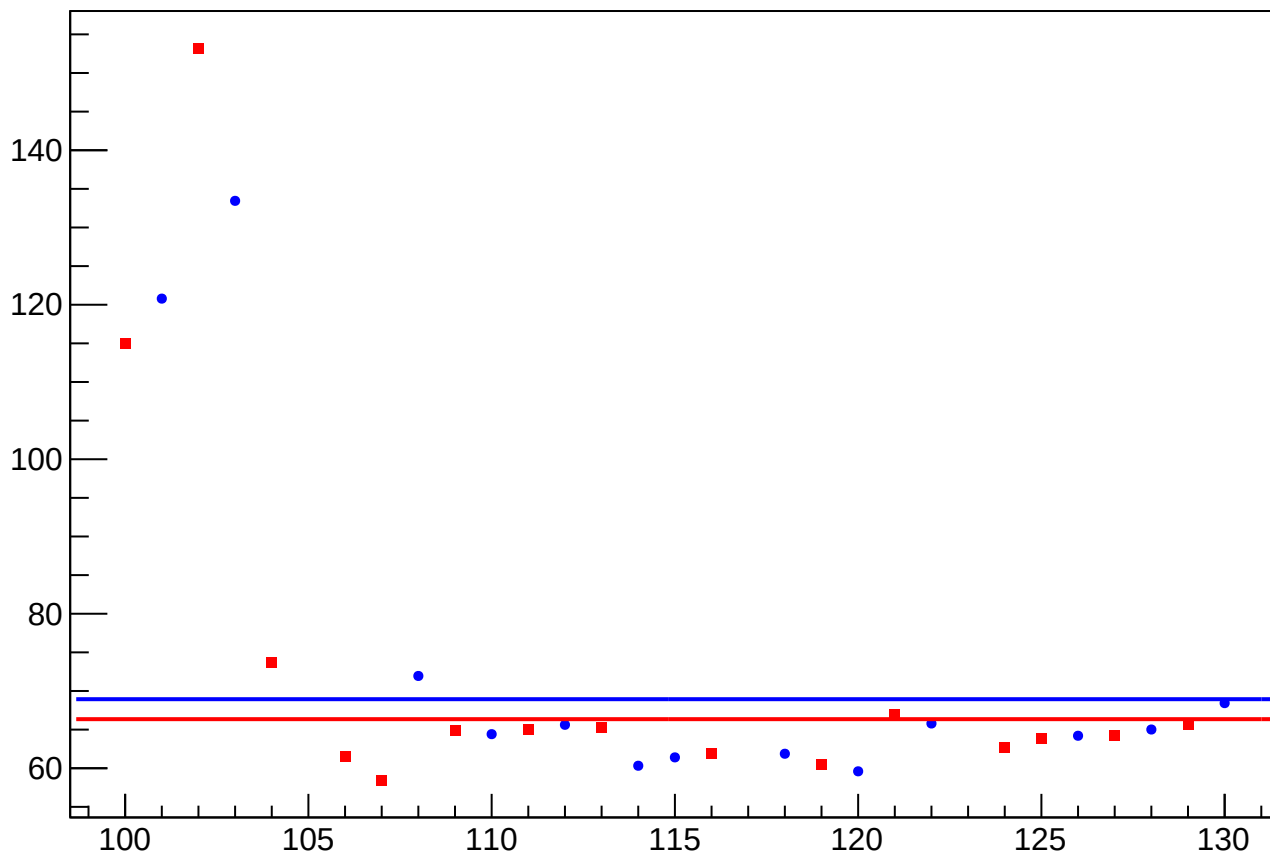
Right: -47.830+/-20.614 χ^2/NDF : 37.8/27

In: -55.731+/-30.227 χ^2/NDF : 9.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.830+/-20.614 χ^2/NDF : 37.8/27

eigen_cor_asym_sam7_rms vs Slug, Sign Corrected



Right In: 68.938 $\pm$ 0.021 χ^2 /NDF: 560663.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 66.353 $\pm$ 0.020 χ^2 /NDF: 468846.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

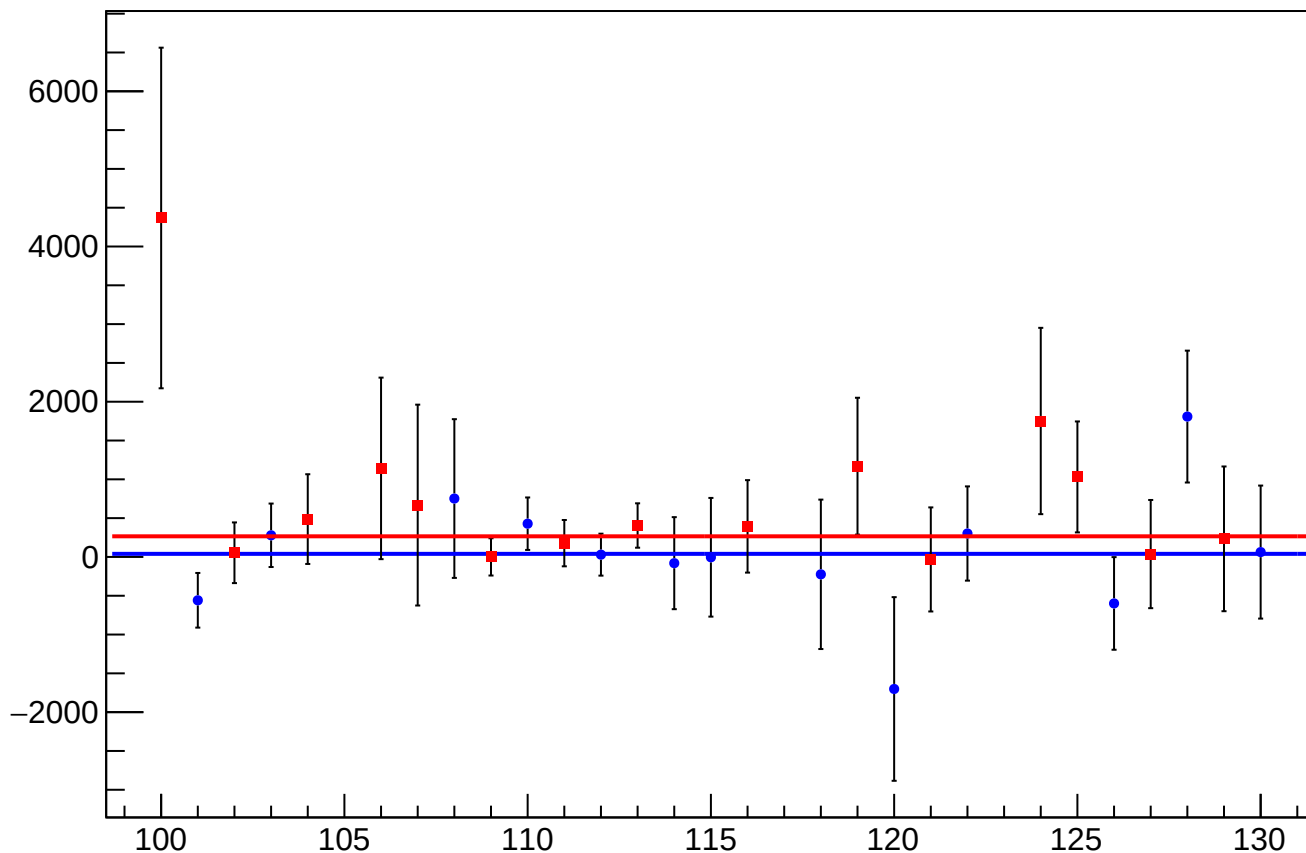
Right: 67.555 $\pm$ 0.015 χ^2 /NDF: 1037335.1/27

In: 68.938 $\pm$ 0.021 χ^2 /NDF:560663.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 67.555 $\pm$ 0.015 χ^2 /NDF: 1037335.1/27

asym_sam7_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 39.808+/-138.574 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 265.776+/-124.934 χ^2/NDF : 10.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

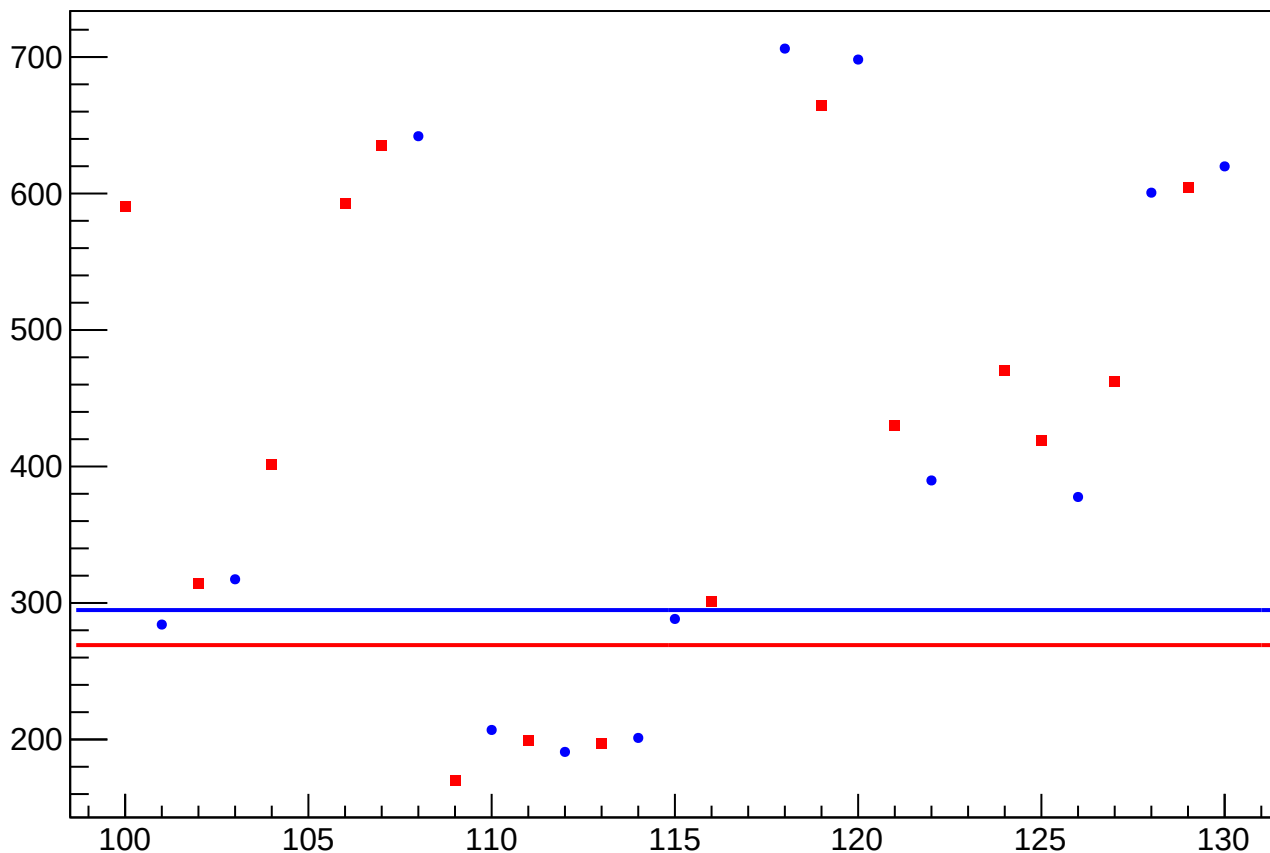
Right: 164.457+/-92.790 χ^2/NDF : 24.7/27

In: 39.808+/-138.574 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.457+/-92.790 χ^2/NDF : 24.7/27

asym_sam7_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 294.807+/-0.098 χ^2/NDF : 1951554.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 269.138+/-0.088 χ^2/NDF : 2145732.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

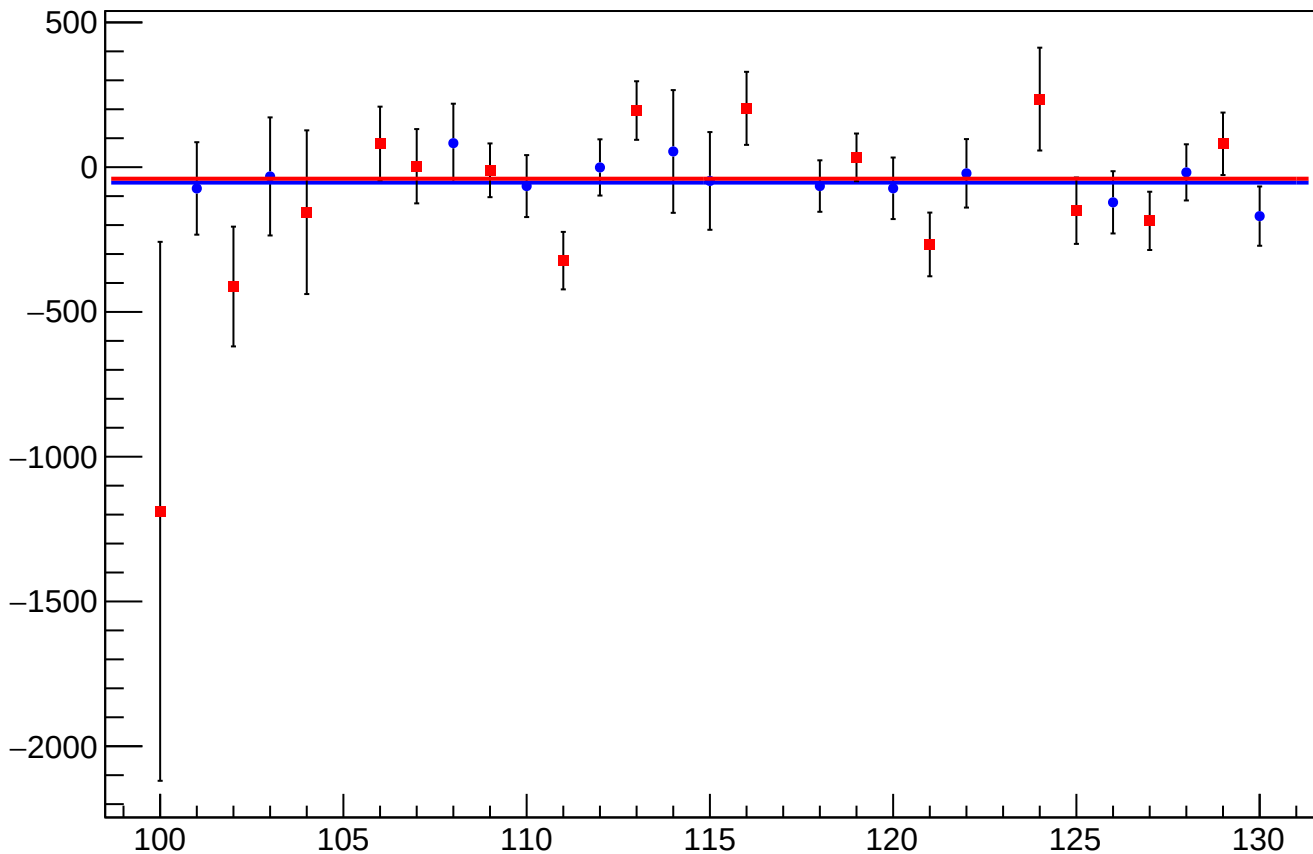
Right: 280.647+/-0.066 χ^2/NDF : 4135140.4/27

In: 294.807+/-0.098 χ^2/NDF : 1951554.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 280.647+/-0.066 χ^2/NDF : 4135140.4/27

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -53.272 ± 32.573 χ^2/NDF : 3.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -39.818 ± 30.707 χ^2/NDF : 35.0/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

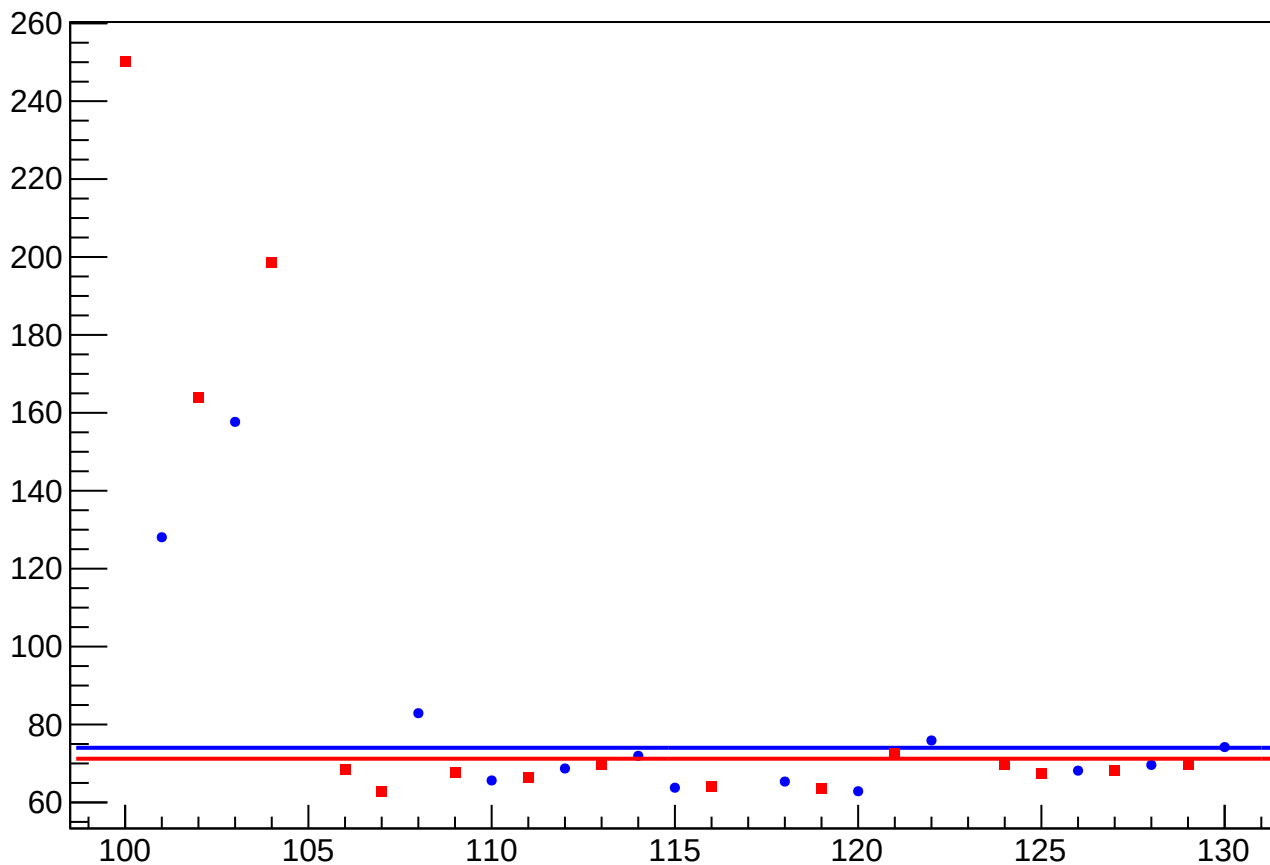
Right: -46.148 ± 22.344 χ^2/NDF : 38.7/27

In: -53.272 ± 32.573 χ^2/NDF : 3.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -46.148 ± 22.344 χ^2/NDF : 38.7/27

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 74.024 $\pm$ 0.023 χ^2/NDF : 651456.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 71.220 $\pm$ 0.022 χ^2/NDF : 928228.3/14

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

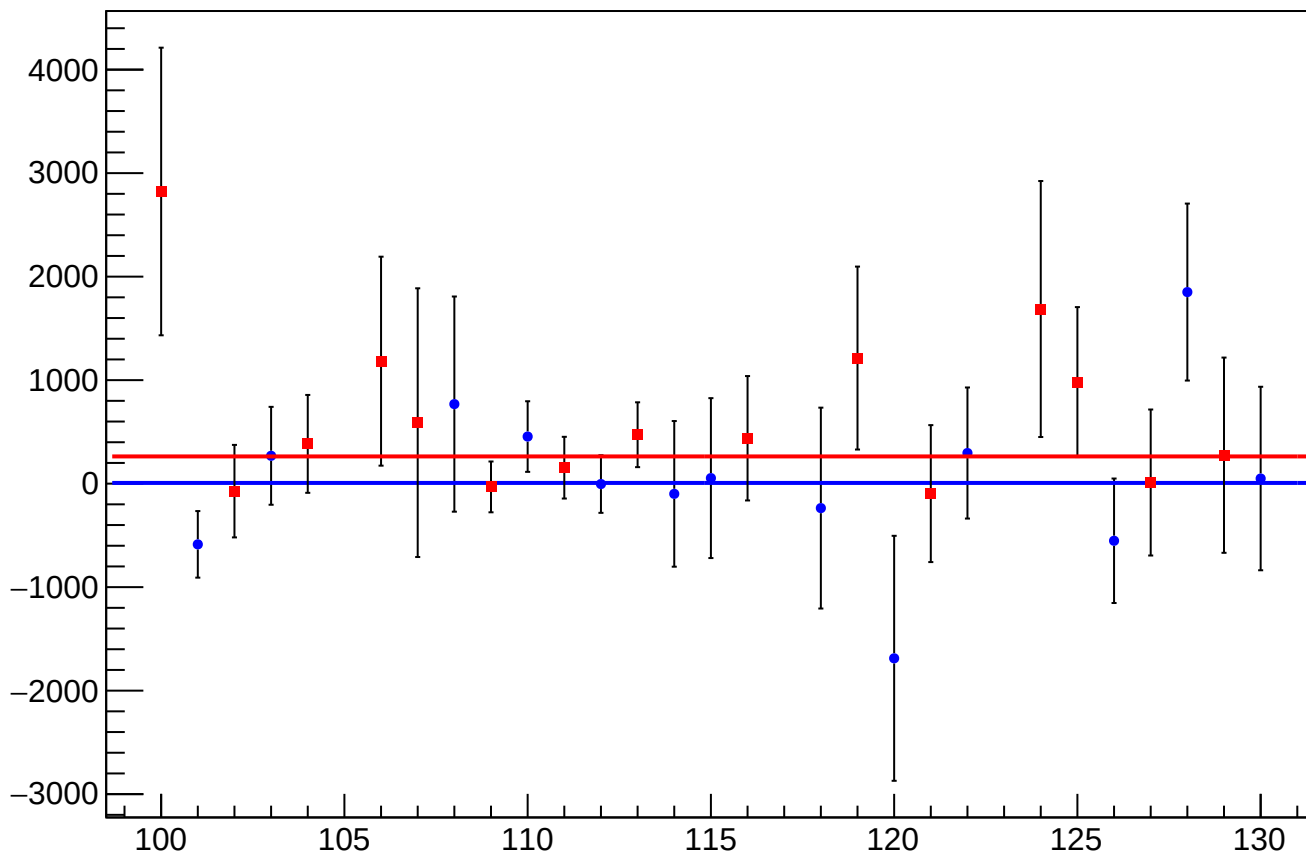
Right: 72.539 $\pm$ 0.016 χ^2/NDF : 1587534.9/27

In: 74.024 $\pm$ 0.023 χ^2/NDF : 651456.7/12

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 72.539 $\pm$ 0.016 χ^2/NDF : 1587534.9/27

asym_sam7_dit_correction_mean vs Slug, Sign Corrected



Right In: 6.883+/-141.501 χ^2/NDF : 13.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 262.924+/-127.370 χ^2/NDF : 10.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

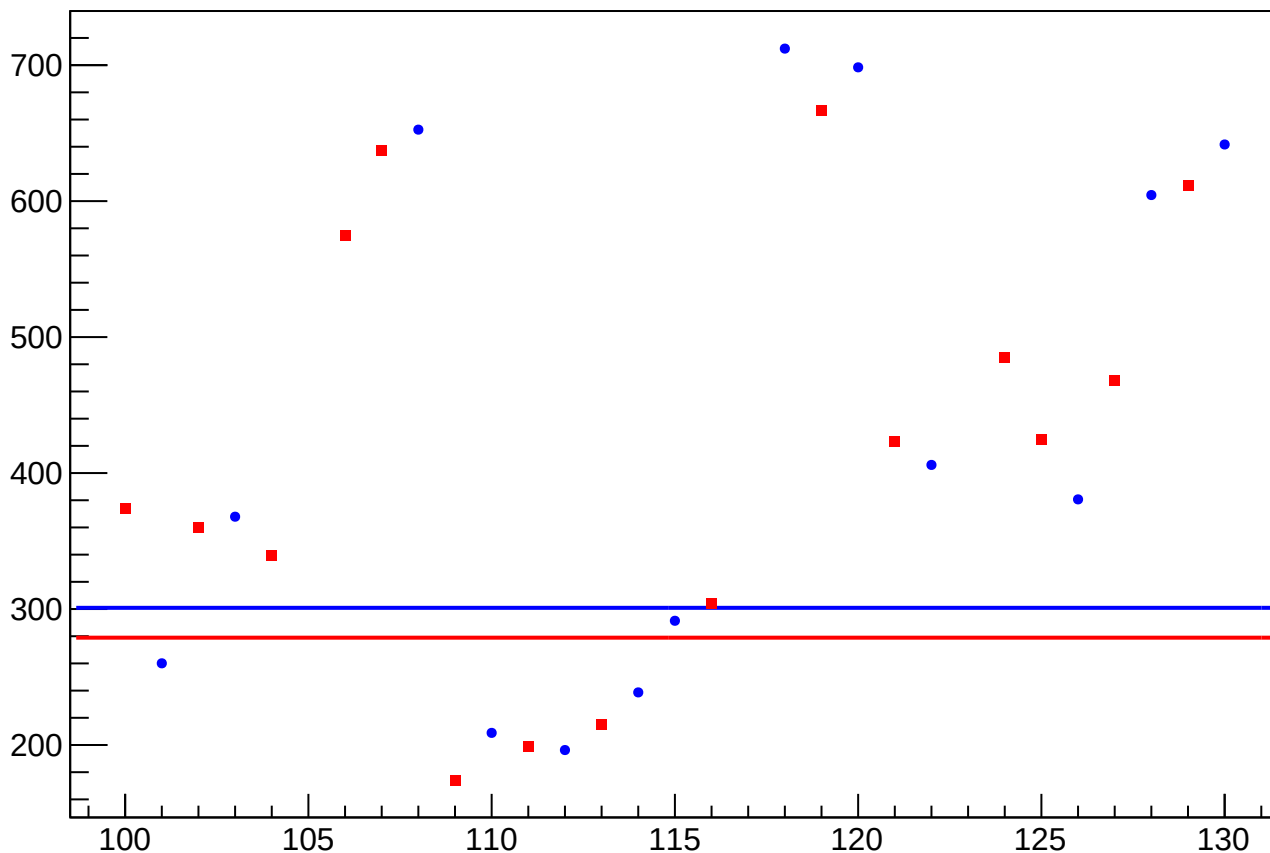
Right: 148.323+/-94.667 χ^2/NDF : 26.6/27

In: 6.883+/-141.501 χ^2/NDF : 13.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.323+/-94.667 χ^2/NDF : 26.6/27

asym_sam7_dit_correction_rms vs Slug, Sign Corrected



Right In: 300.886+/-0.100 χ^2/NDF : 1968059.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 278.935+/-0.090 χ^2/NDF : 2035844.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

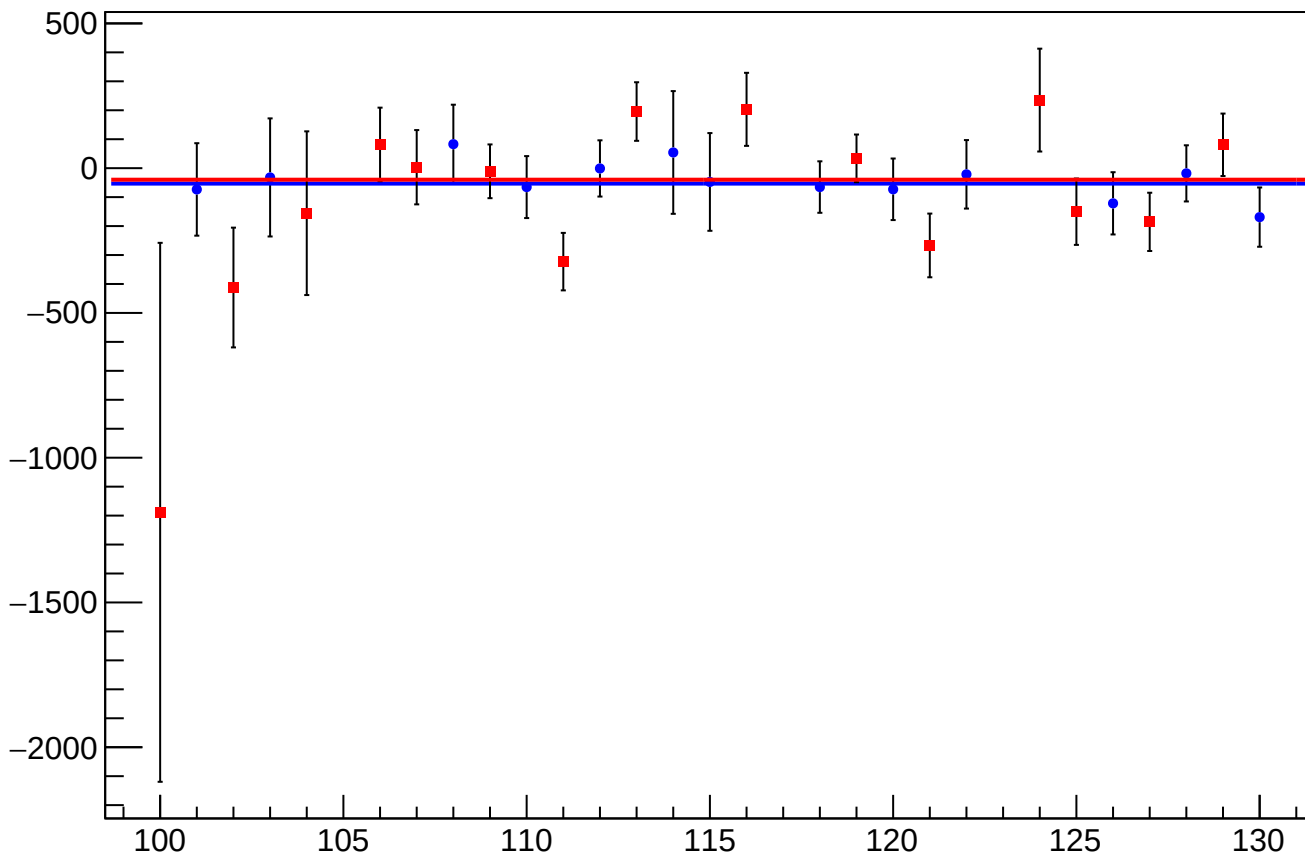
Right: 288.760+/-0.067 χ^2/NDF : 4030491.2/27

In: 300.886+/-0.100 χ^2/NDF : 1968059.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 288.760+/-0.067 χ^2/NDF : 4030491.2/27

eigen_dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -53.272 ± 32.573 χ^2/NDF : 3.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -39.820 ± 30.707 χ^2/NDF : 35.0/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

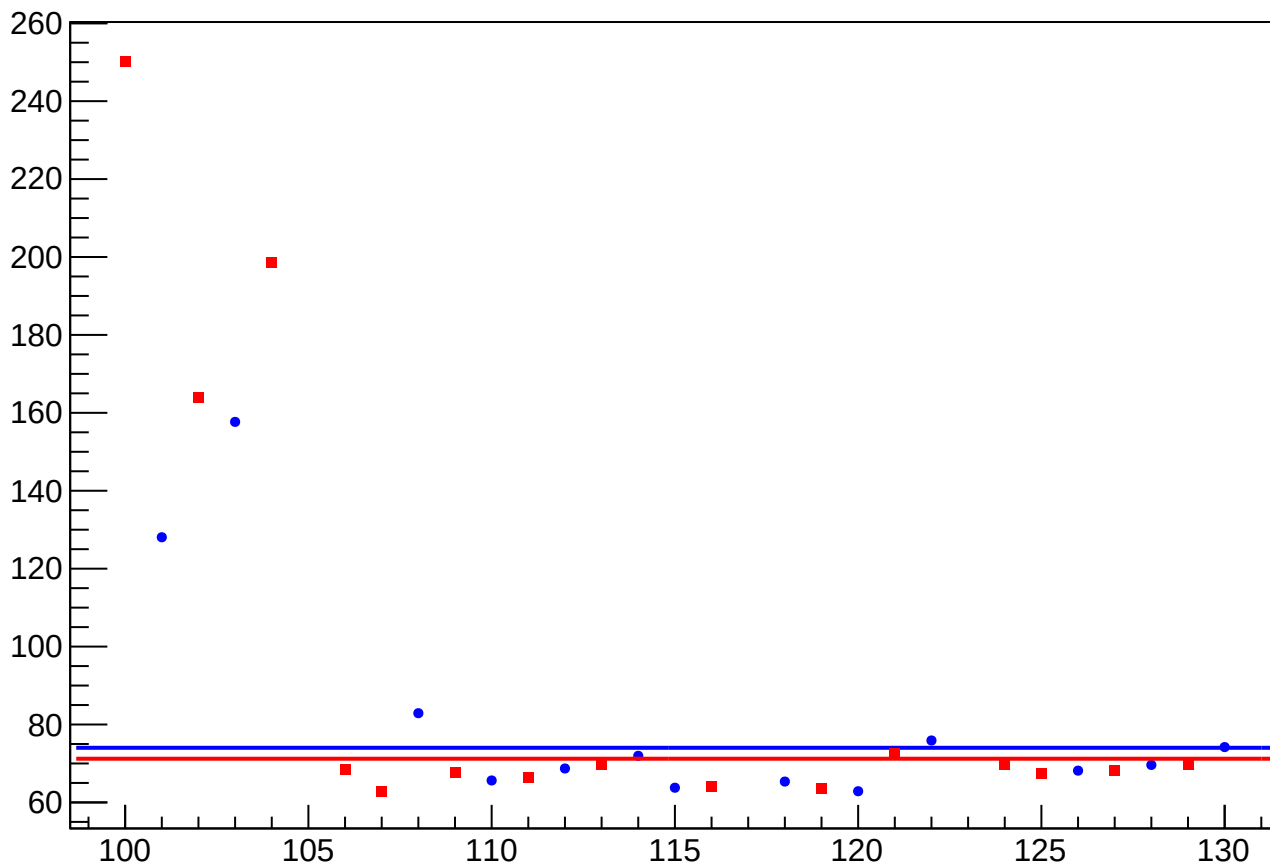
Right: -46.150 ± 22.344 χ^2/NDF : 38.7/27

In: -53.272 ± 32.573 χ^2/NDF : 3.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -46.150 ± 22.344 χ^2/NDF : 38.7/27

eigen_dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 74.024+/-0.023 χ^2/NDF : 651458.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.220+/-0.022 χ^2/NDF : 928228.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

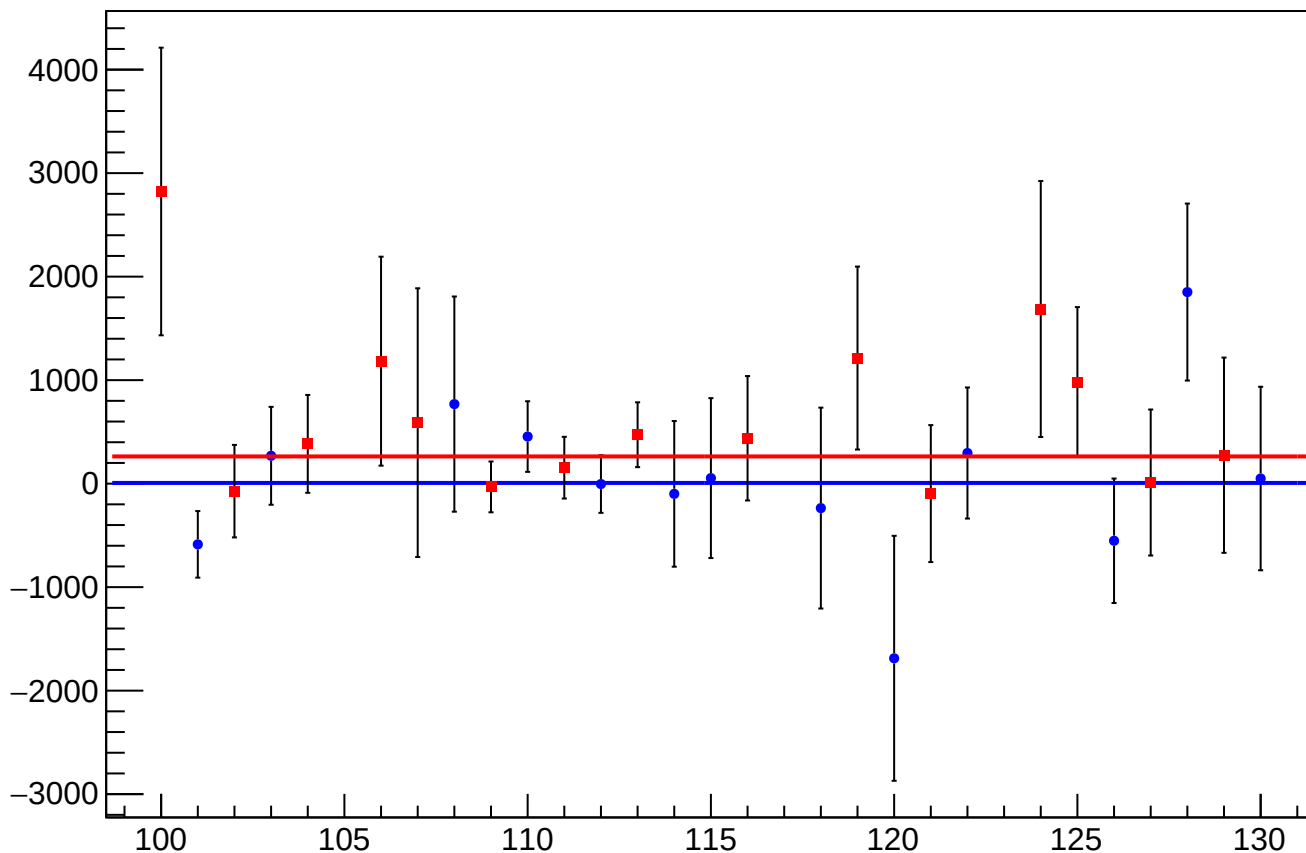
Right: 72.539+/-0.016 χ^2/NDF : 1587536.9/27

In: 74.024+/-0.023 χ^2/NDF : 651458.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.539+/-0.016 χ^2/NDF : 1587536.9/27

asym_sam7_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 6.882+/-141.500 χ^2/NDF : 13.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 262.923+/-127.369 χ^2/NDF : 10.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

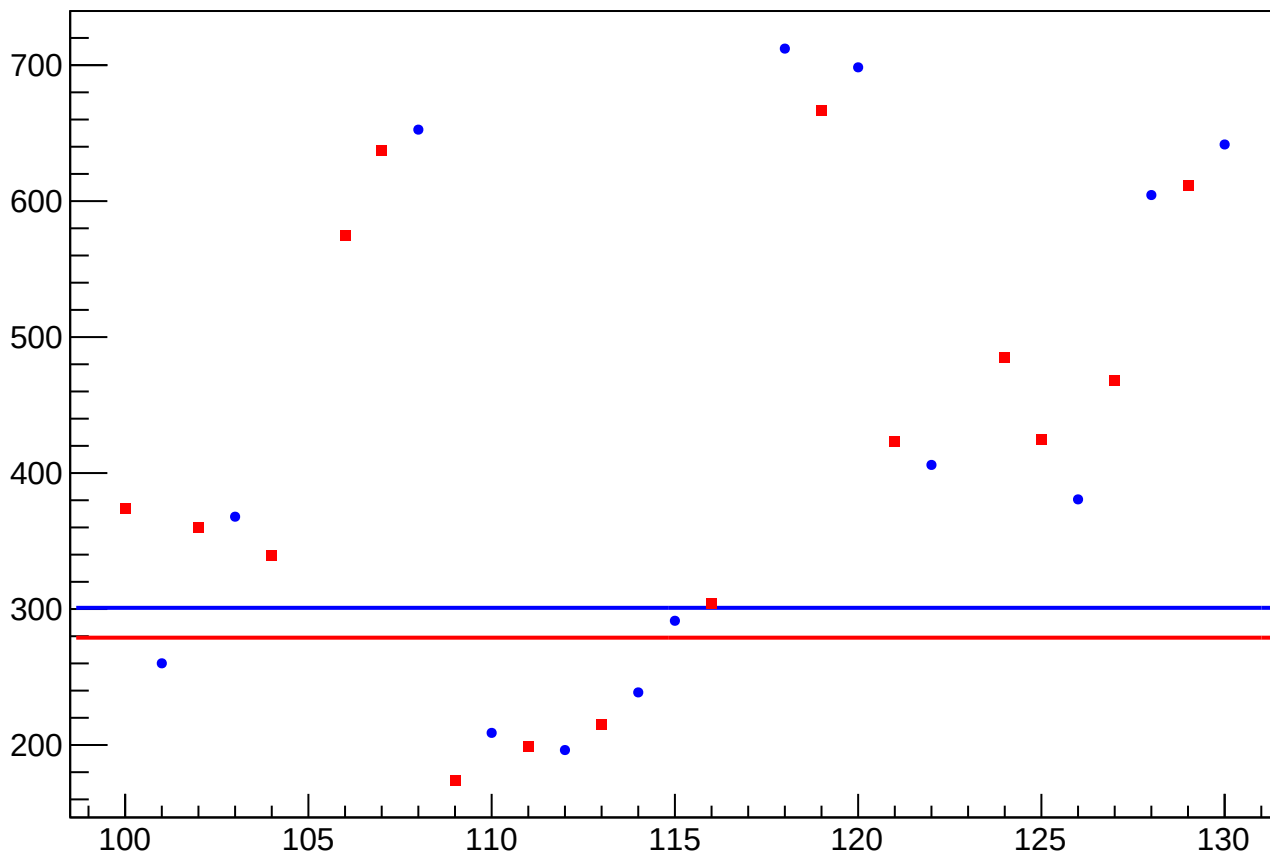
Right: 148.322+/-94.666 χ^2/NDF : 26.6/27

In: 6.882+/-141.500 χ^2/NDF :13.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 148.322+/-94.666 χ^2/NDF : 26.6/27

asym_sam7_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 300.883+/-0.100 χ^2/NDF : 1968084.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 278.933+/-0.090 χ^2/NDF : 2035851.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

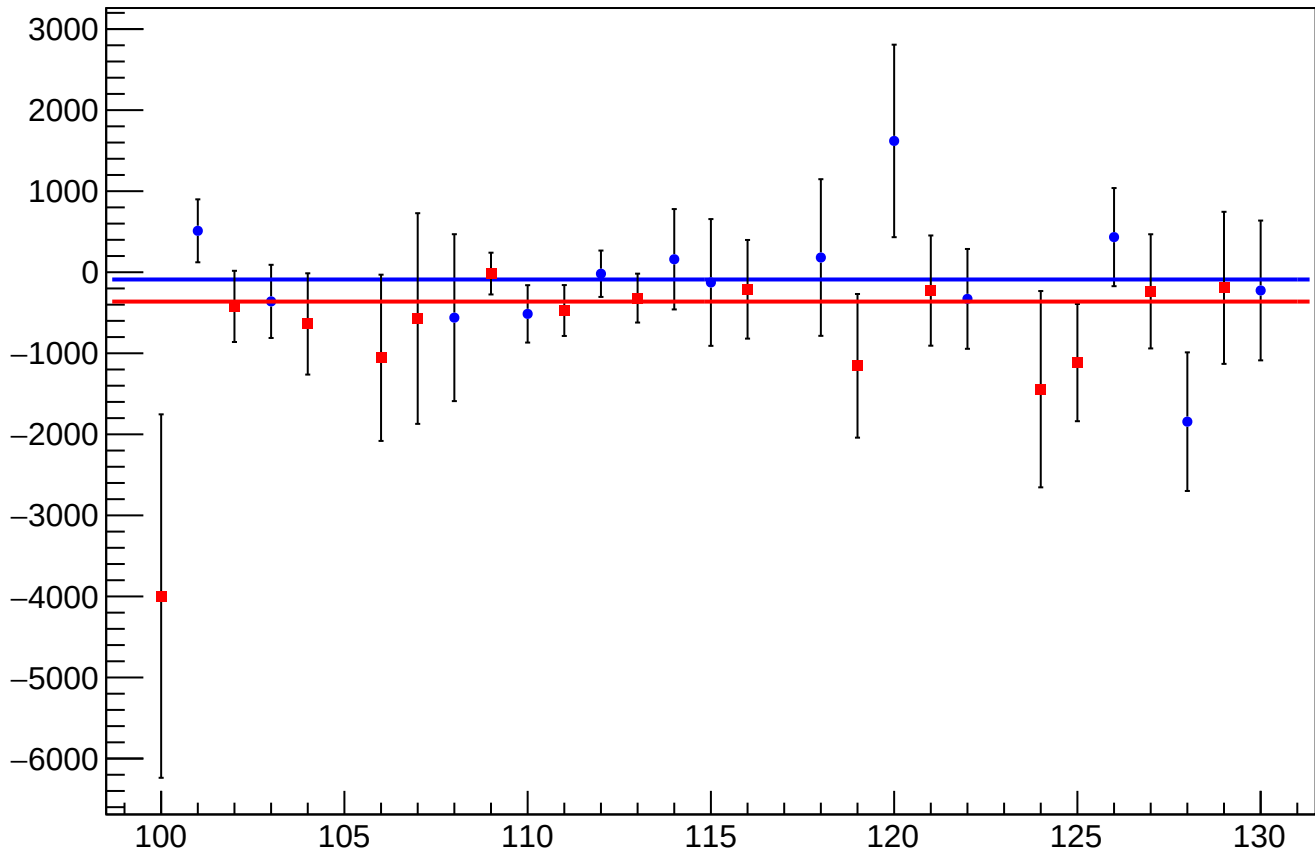
Right: 288.758+/-0.067 χ^2/NDF : 4030521.3/27

In: 300.883+/-0.100 χ^2/NDF :1968084.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 288.758+/-0.067 χ^2/NDF : 4030521.3/27

asym_sam7_mean vs Slug, Sign Corrected



Right In: -89.492 ± 146.202 χ^2/NDF : 11.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -362.103 ± 131.804 χ^2/NDF : 8.1/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

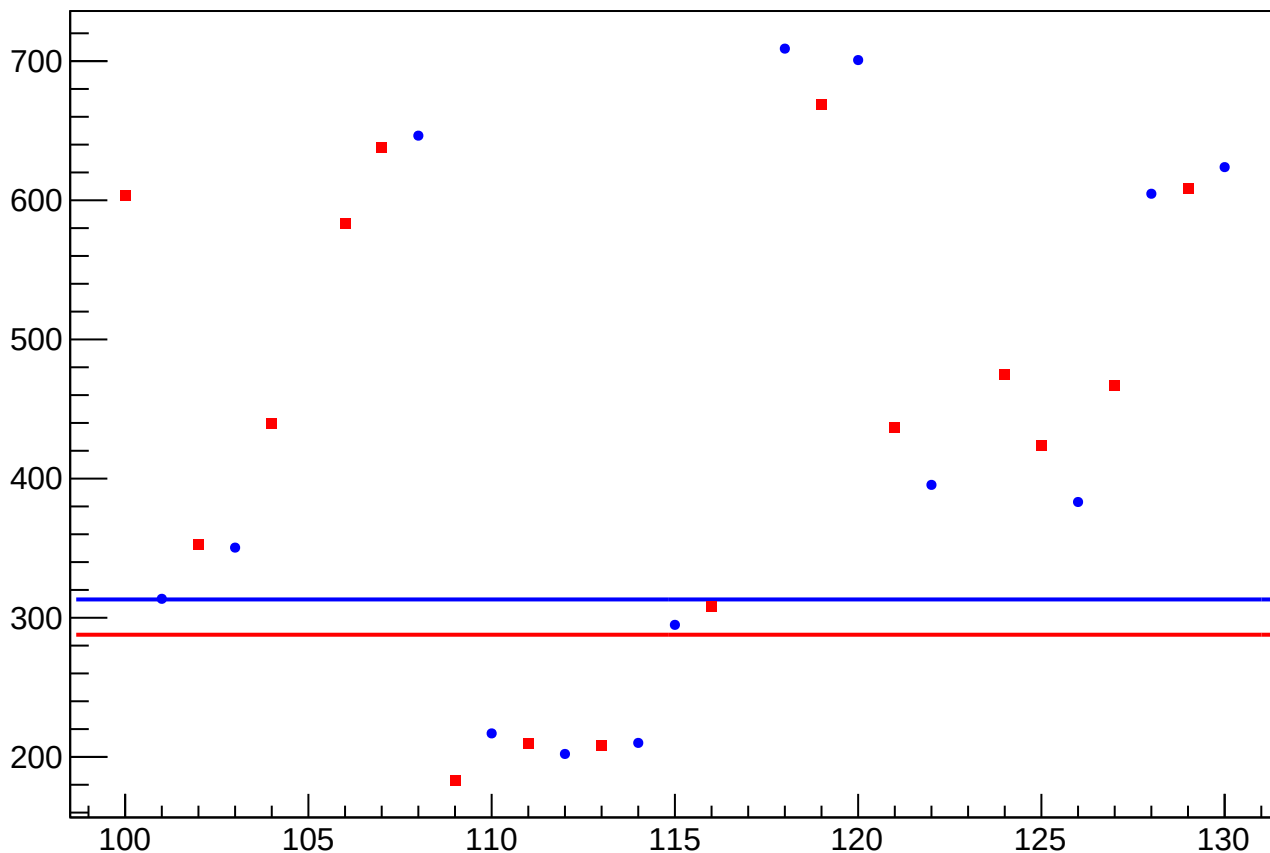
Right: -239.879 ± 97.895 χ^2/NDF : 21.9/27

In: -89.492 ± 146.202 χ^2/NDF : 11.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -239.879 ± 97.895 χ^2/NDF : 21.9/27

asym_sam7_rms vs Slug, Sign Corrected



Right In: 313.163+/-0.103 χ^2/NDF : 1831993.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 287.811+/-0.093 χ^2/NDF : 2055074.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

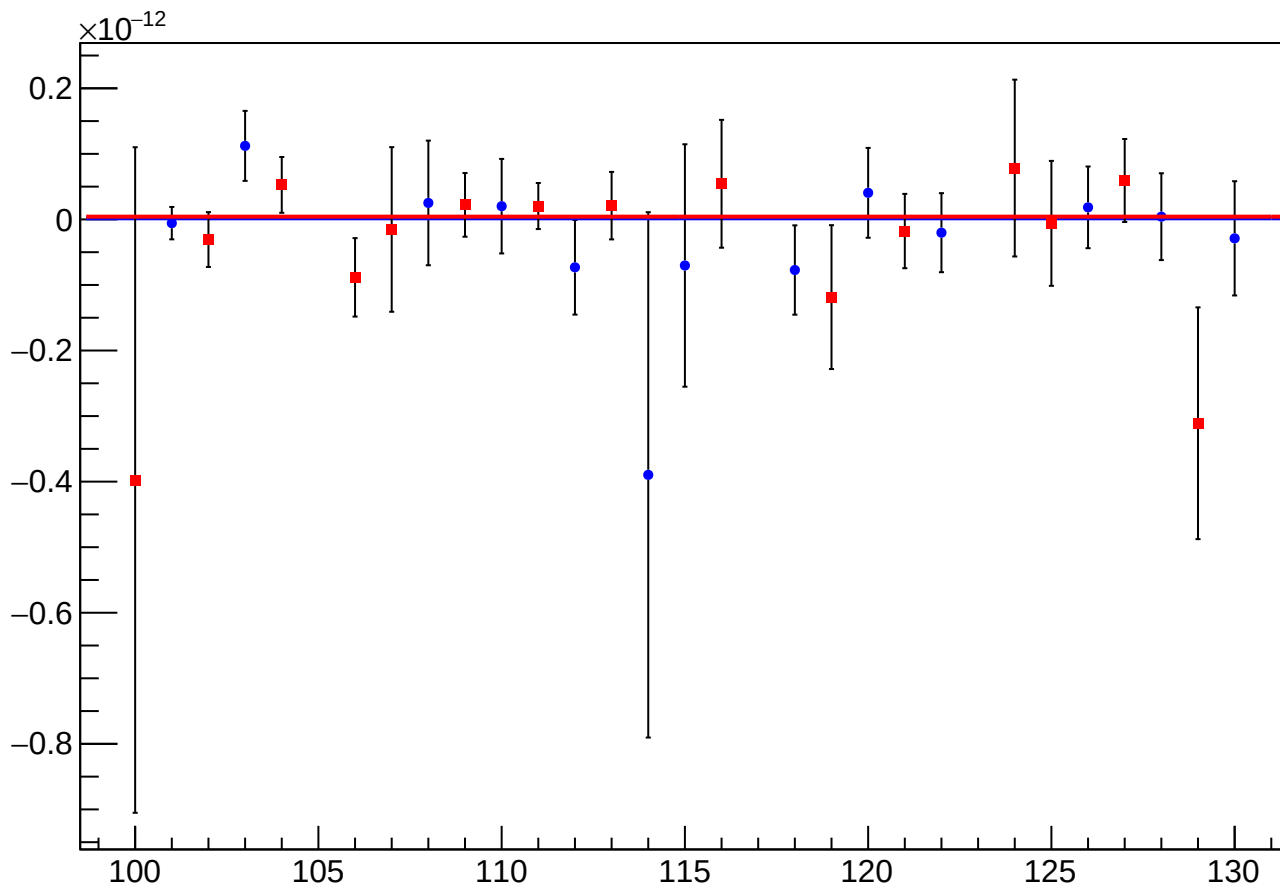
Right: 299.178+/-0.069 χ^2/NDF : 3920242.4/27

In: 313.163+/-0.103 χ^2/NDF : 1831993.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 299.178+/-0.069 χ^2/NDF : 3920242.4/27

asym_sam7_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

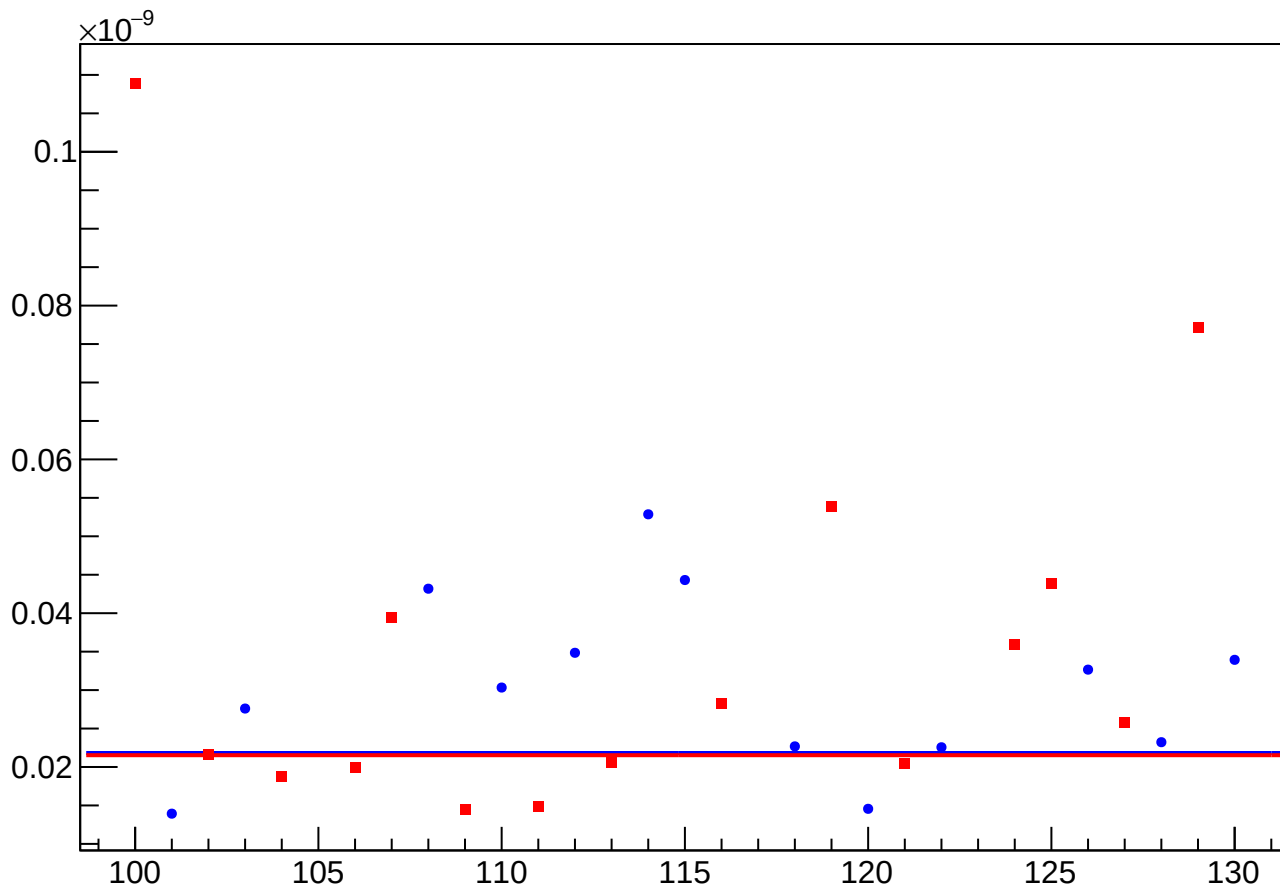
Right: 0.000+/-0.000 χ^2/NDF : 20.1/27

In: 0.000+/-0.000 χ^2/NDF : 8.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.1/27

asym_sam7_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 586532.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 747751.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

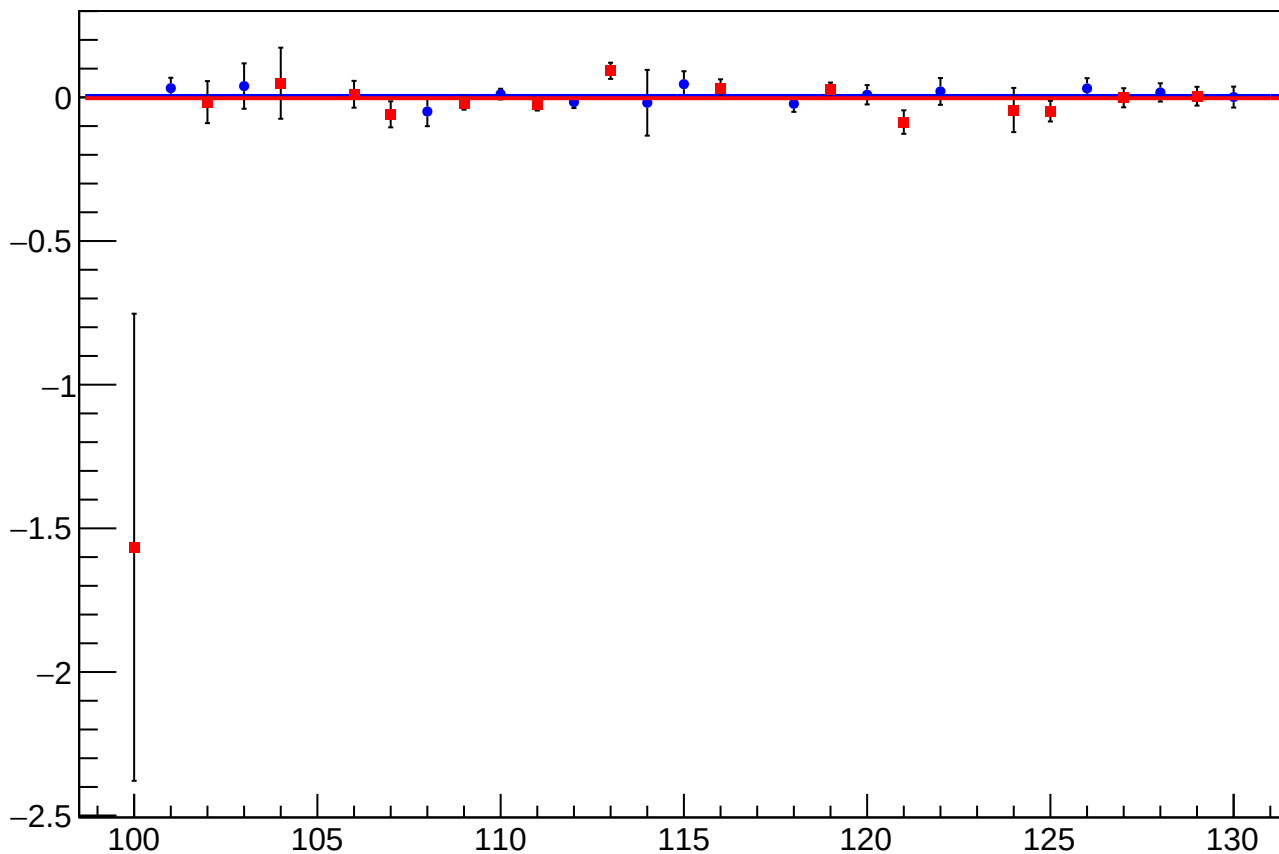
Right: 0.000+/-0.000 χ^2/NDF : 1334606.7/27

In: 0.000+/-0.000 χ^2/NDF : 586532.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1334606.7/27

asym_sam7_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.009 χ^2 /NDF: 5.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.003 $\pm$ 0.009 χ^2 /NDF: 27.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

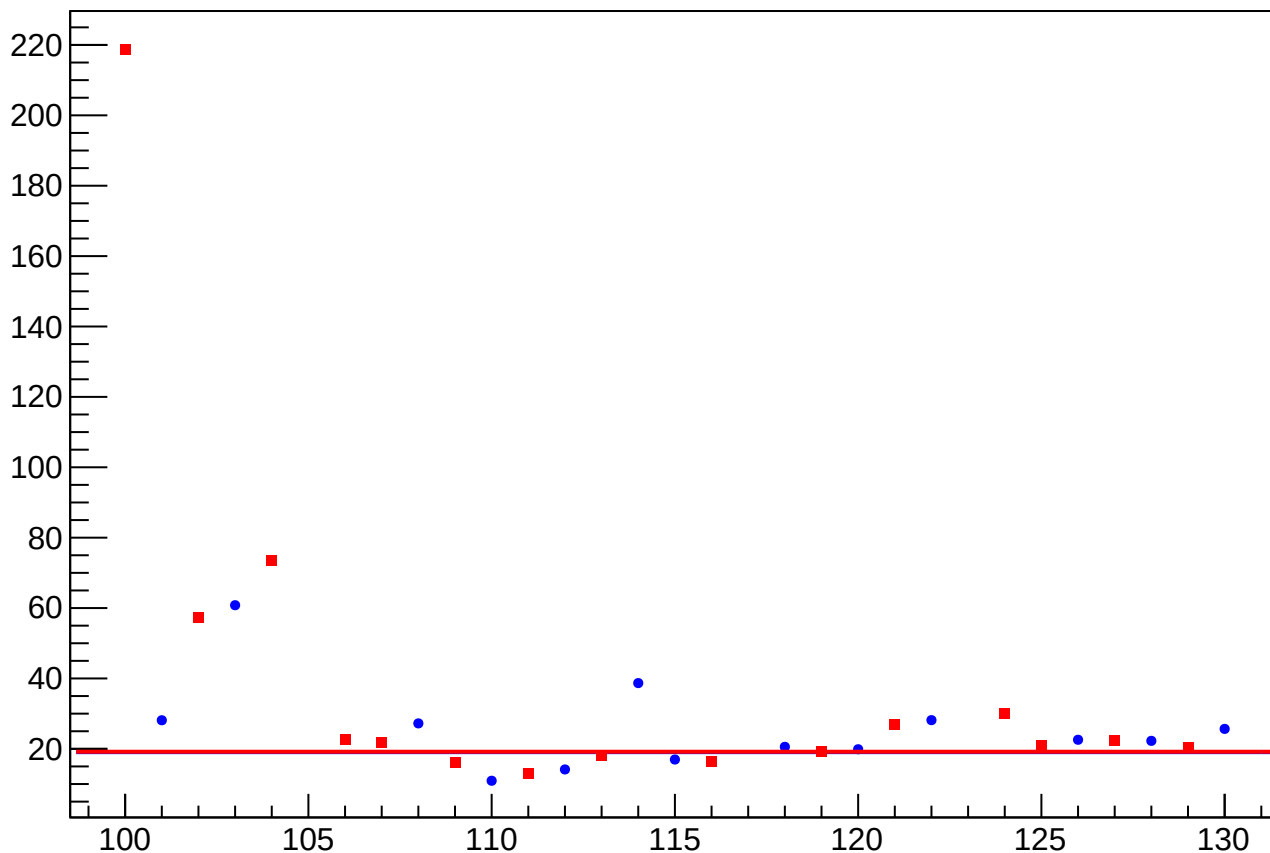
Right: 0.001 $\pm$ 0.006 χ^2 /NDF: 33.4/27

In: 0.005 $\pm$ 0.009 χ^2 /NDF:5.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.006 χ^2 /NDF: 33.4/27

asym_sam7_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.064+/-0.006 χ^2/NDF : 1479618.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.177+/-0.006 χ^2/NDF : 1459878.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

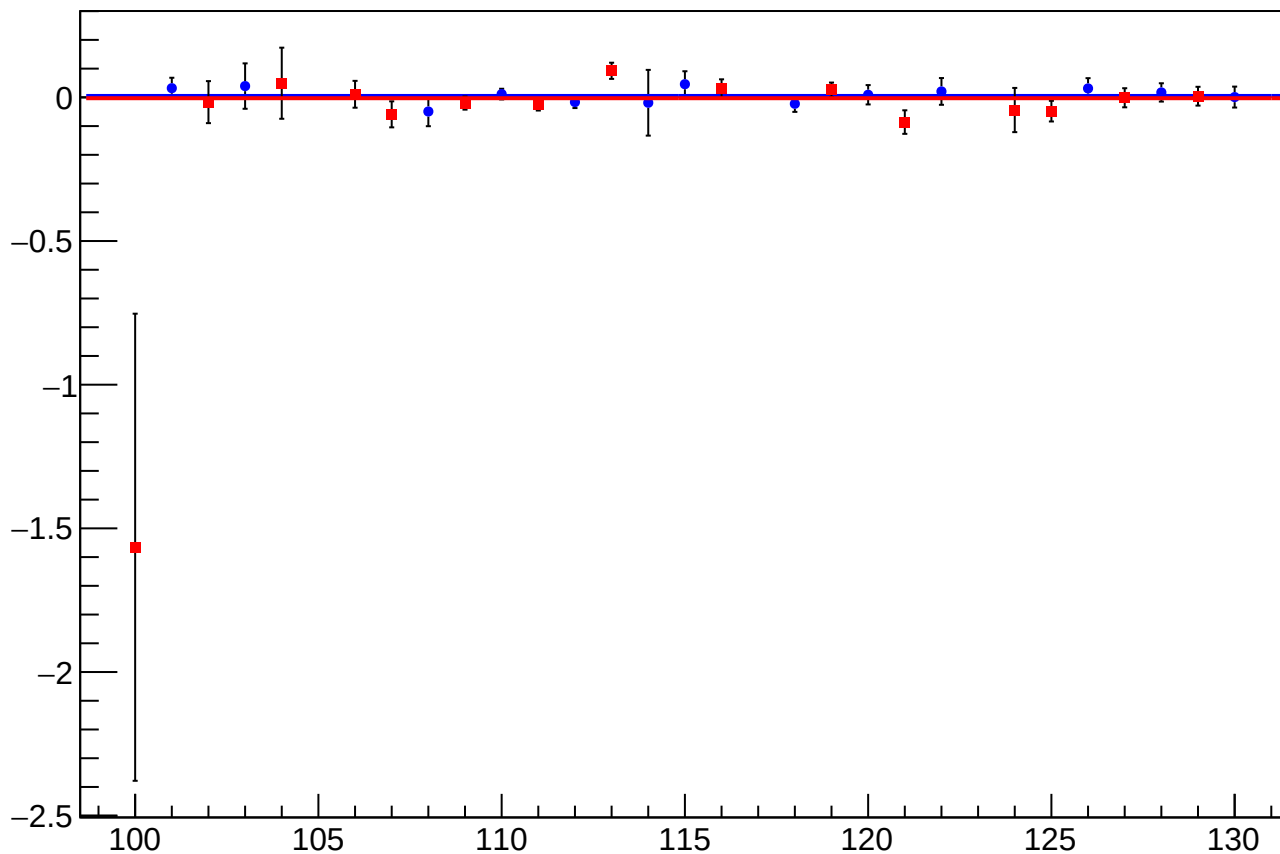
Right: 19.122+/-0.004 χ^2/NDF : 2939657.1/27

In: 19.064+/-0.006 χ^2/NDF : 1479618.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.122+/-0.004 χ^2/NDF : 2939657.1/27

asym_sam7_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.009 χ^2 /NDF: 5.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.003 $\pm$ 0.009 χ^2 /NDF: 27.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

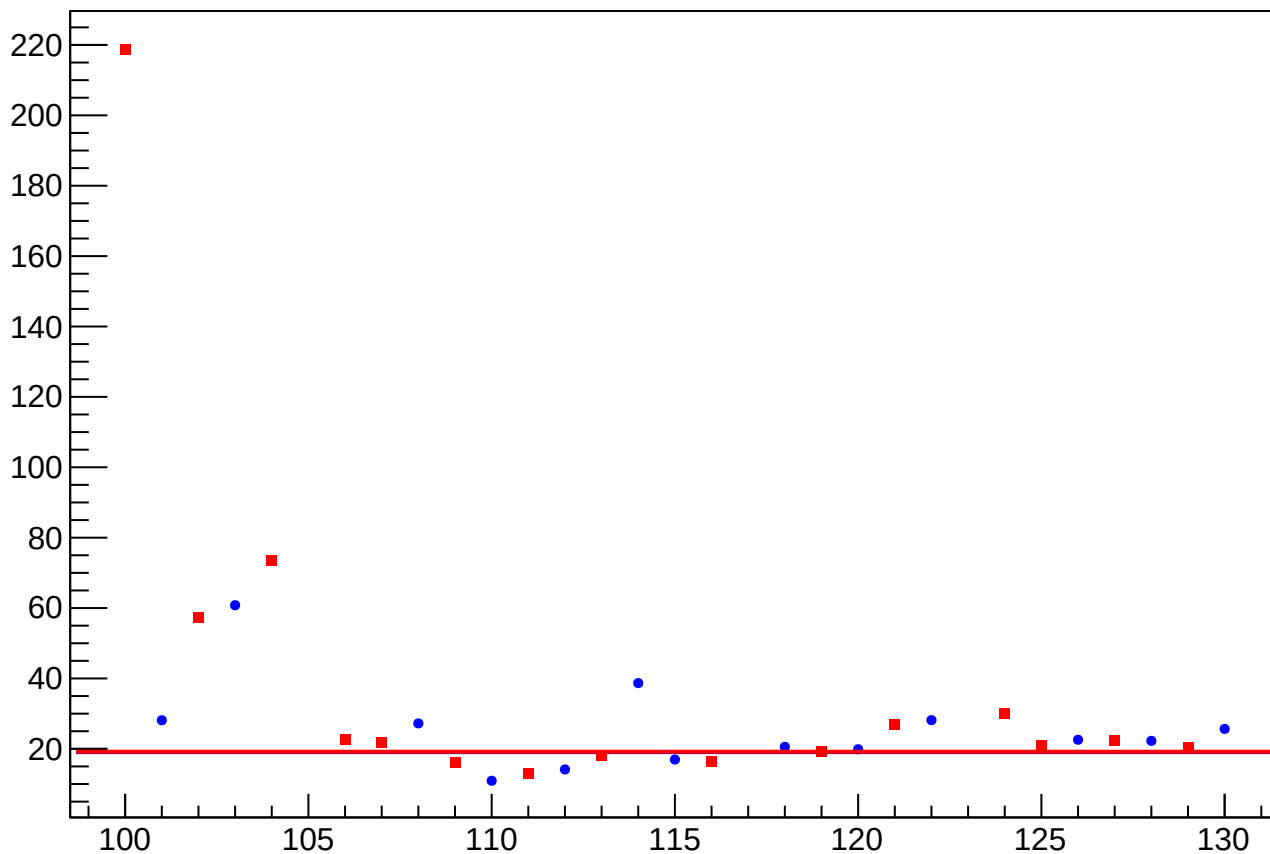
Right: 0.001 $\pm$ 0.006 χ^2 /NDF: 33.4/27

In: 0.005 $\pm$ 0.009 χ^2 /NDF:5.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.006 χ^2 /NDF: 33.4/27

asym_sam7_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.064+/-0.006 χ^2/NDF : 1479618.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.177+/-0.006 χ^2/NDF : 1459878.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

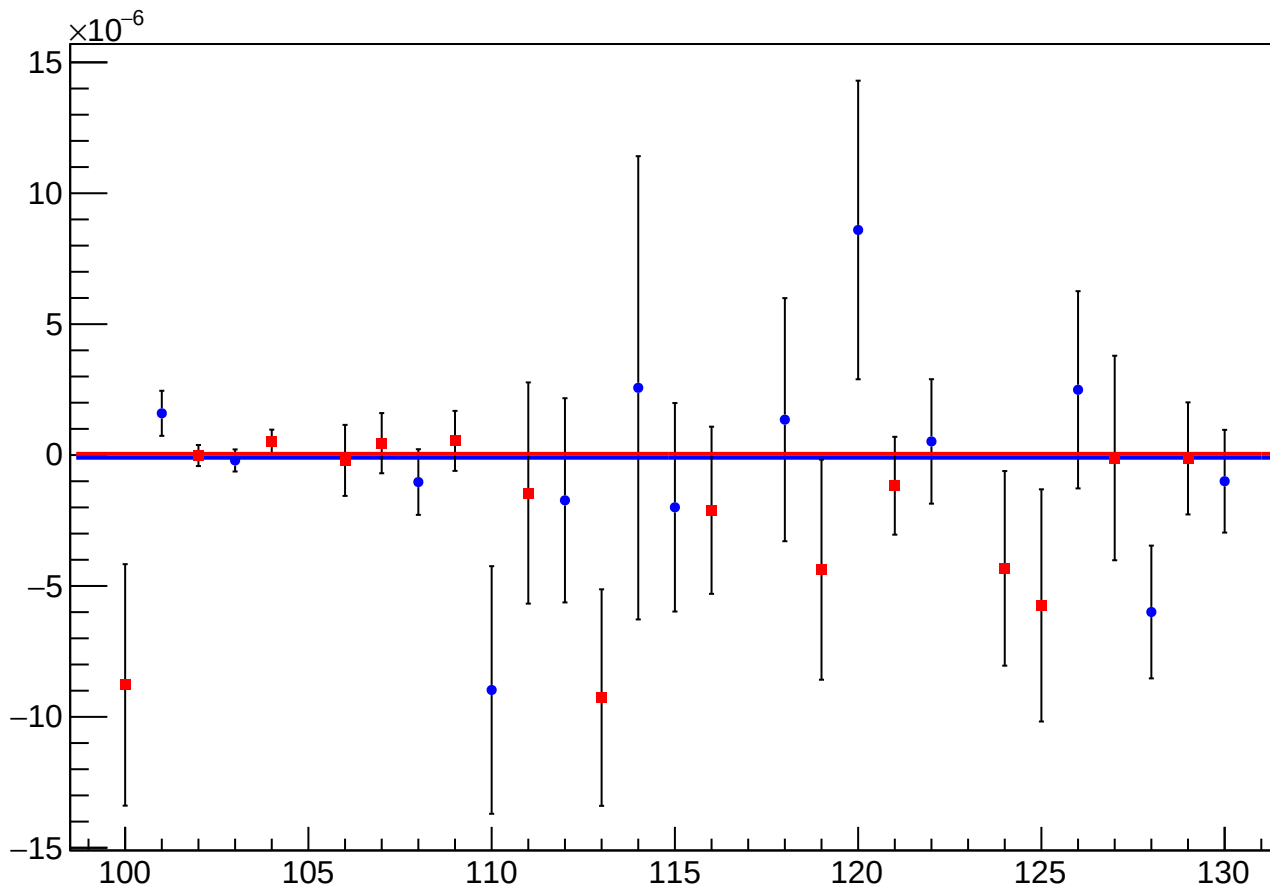
Right: 19.122+/-0.004 χ^2/NDF : 2939657.1/27

In: 19.064+/-0.006 χ^2/NDF : 1479618.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.122+/-0.004 χ^2/NDF : 2939657.1/27

asym_sam7_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 17.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

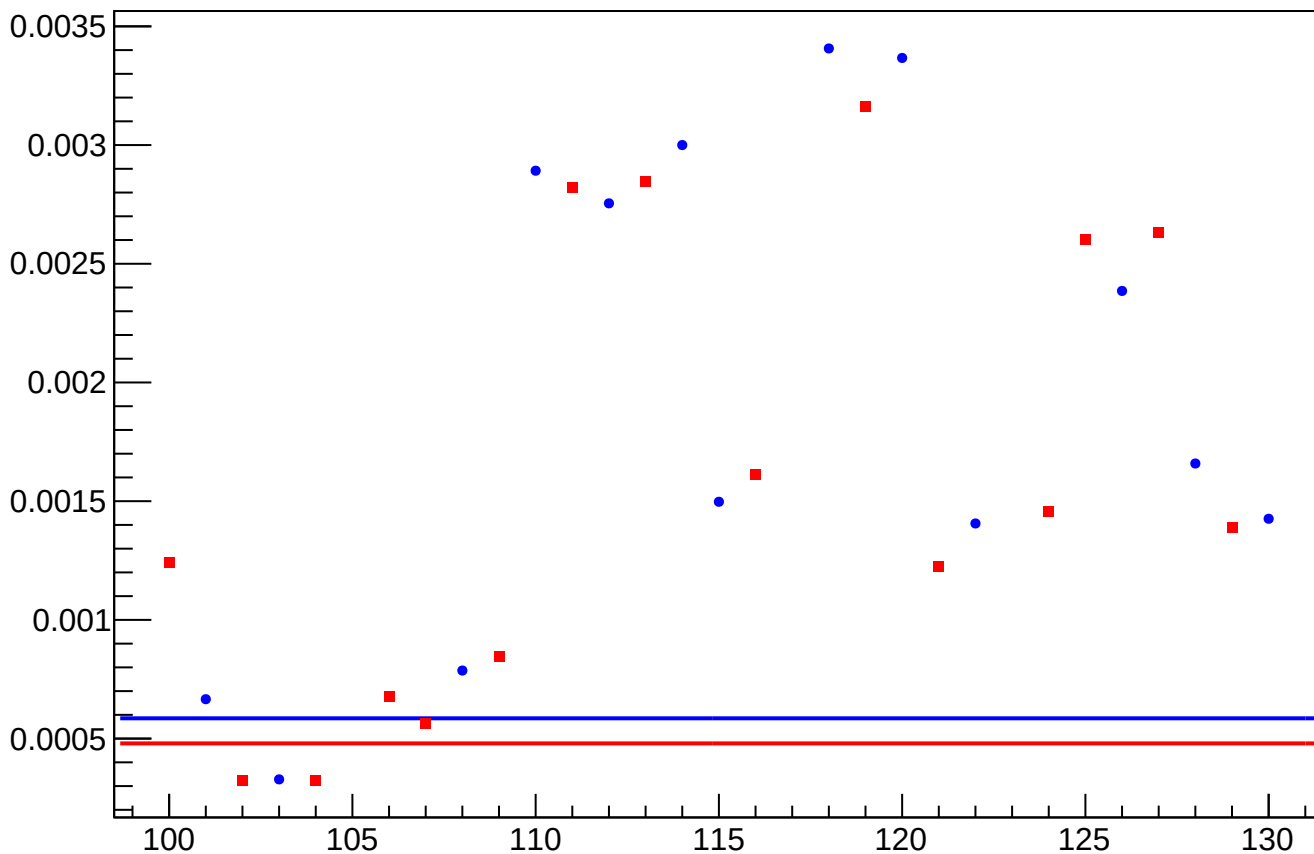
Right: -0.000+/-0.000 χ^2/NDF : 32.6/27

In: -0.000+/-0.000 χ^2/NDF : 17.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.6/27

asym_sam7_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000

χ^2/NDF : 4795505.1/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000

χ^2/NDF : 5075665.5/14

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.001+/-0.000

χ^2/NDF : 9990267.4/27

In: 0.001+/-0.000

χ^2/NDF : 4795505.1/12

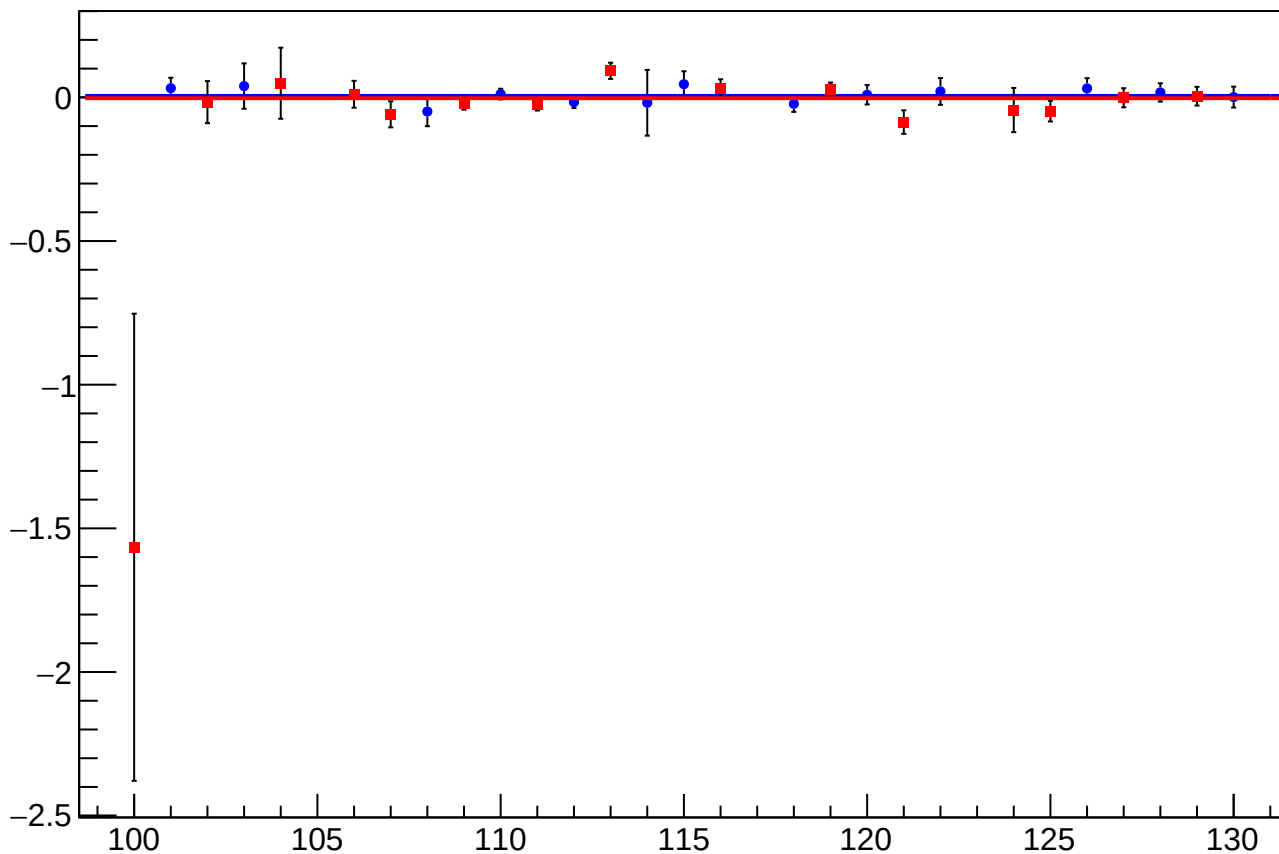
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.001+/-0.000

χ^2/NDF : 9990267.4/27

asym_sam7_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.009 χ^2 /NDF: 5.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.003 $\pm$ 0.009 χ^2 /NDF: 27.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

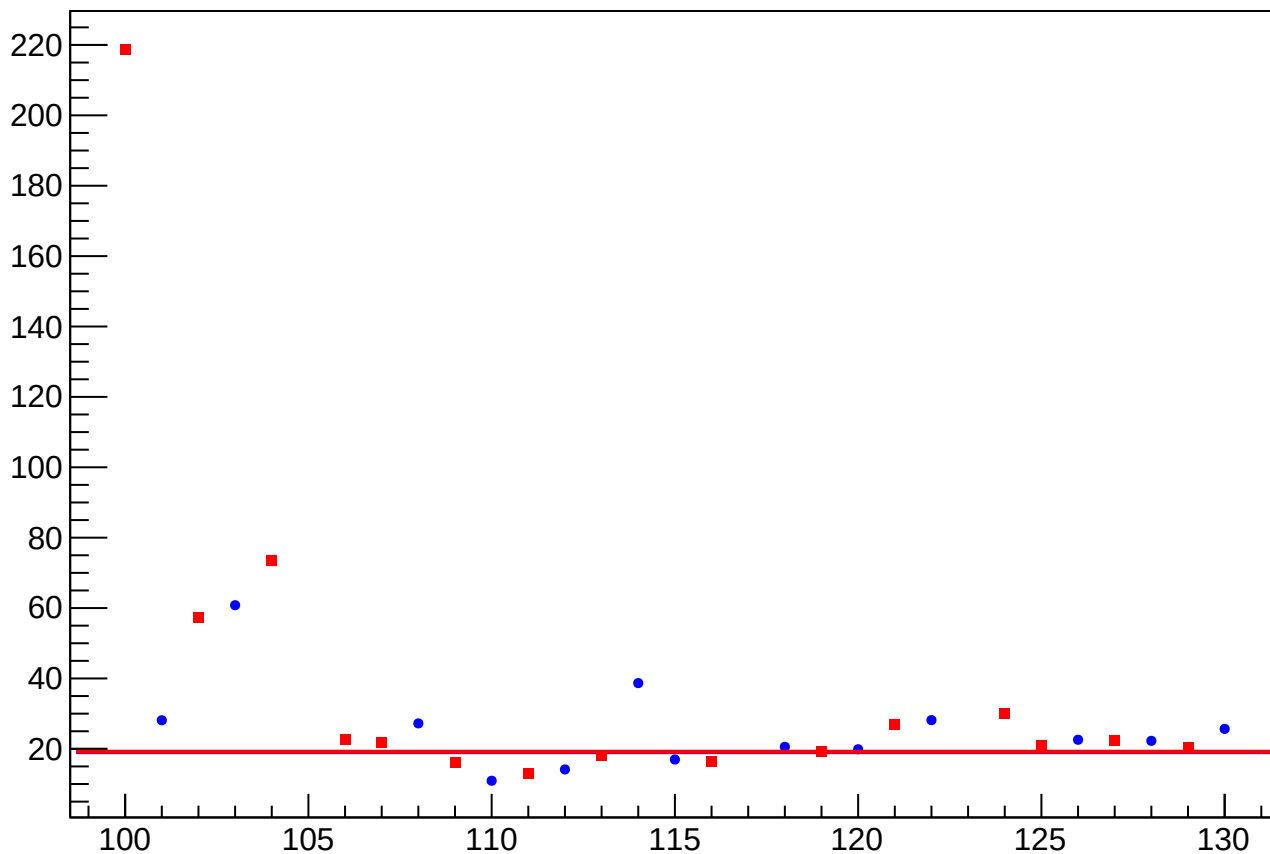
Right: 0.001 $\pm$ 0.006 χ^2 /NDF: 33.4/27

In: 0.005 $\pm$ 0.009 χ^2 /NDF:5.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.006 χ^2 /NDF: 33.4/27

asym_sam7_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.064+/-0.006 χ^2/NDF : 1479466.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.177+/-0.006 χ^2/NDF : 1459811.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

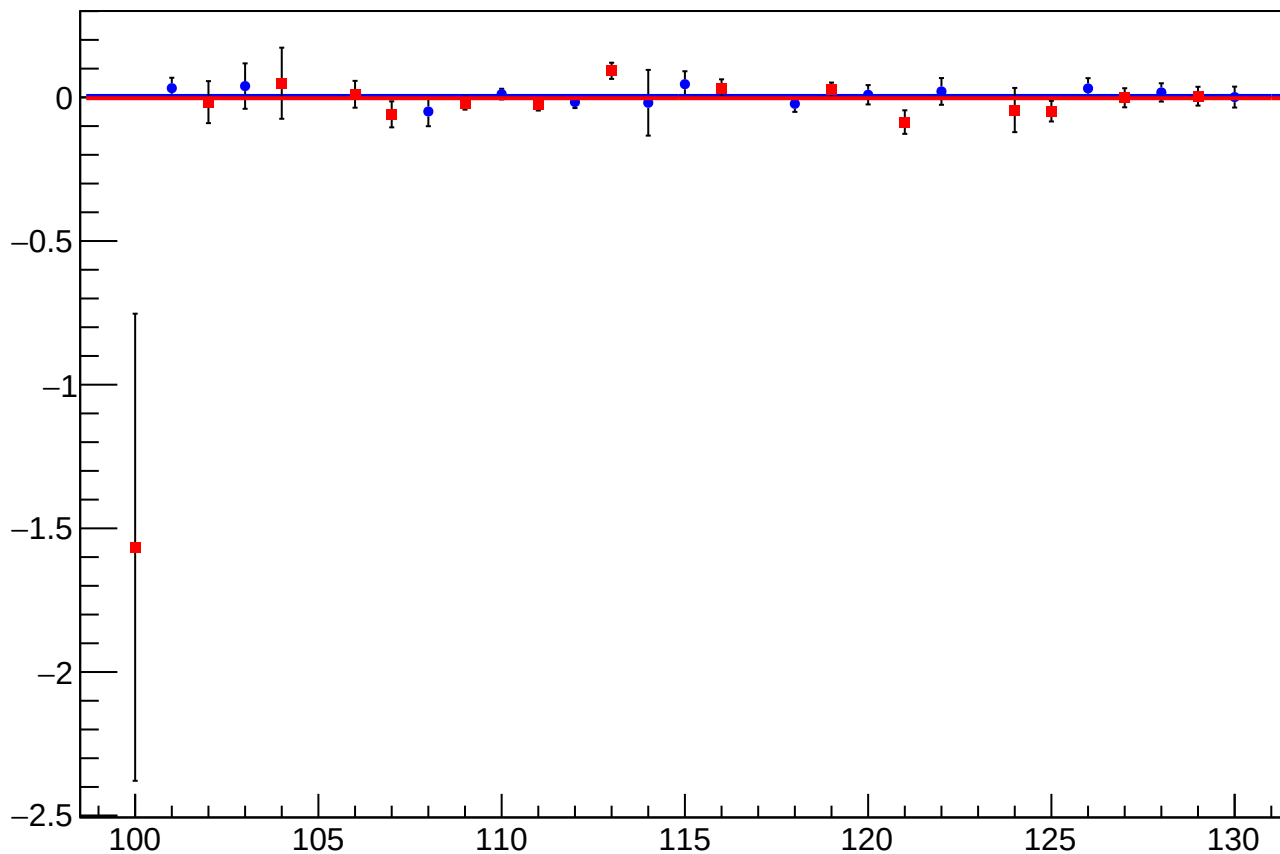
Right: 19.122+/-0.004 χ^2/NDF : 2939437.8/27

In: 19.064+/-0.006 χ^2/NDF : 1479466.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.122+/-0.004 χ^2/NDF : 2939437.8/27

asym_sam7_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.009 χ^2/NDF : 5.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.003+/-0.009 χ^2/NDF : 27.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

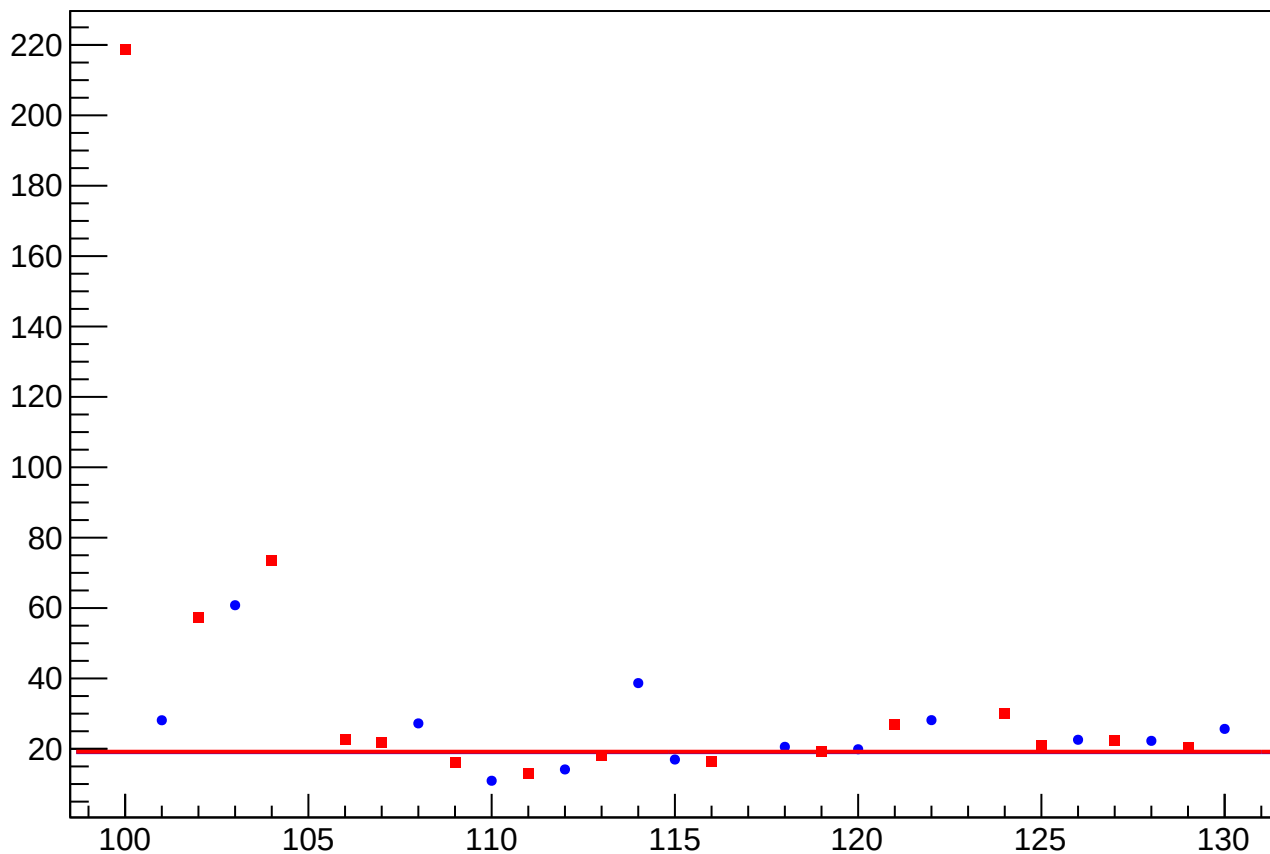
Right: 0.001+/-0.006 χ^2/NDF : 33.4/27

In: 0.005+/-0.009 χ^2/NDF :5.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.006 χ^2/NDF : 33.4/27

asym_sam7_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.064+/-0.006 χ^2/NDF : 1479466.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.177+/-0.006 χ^2/NDF : 1459811.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

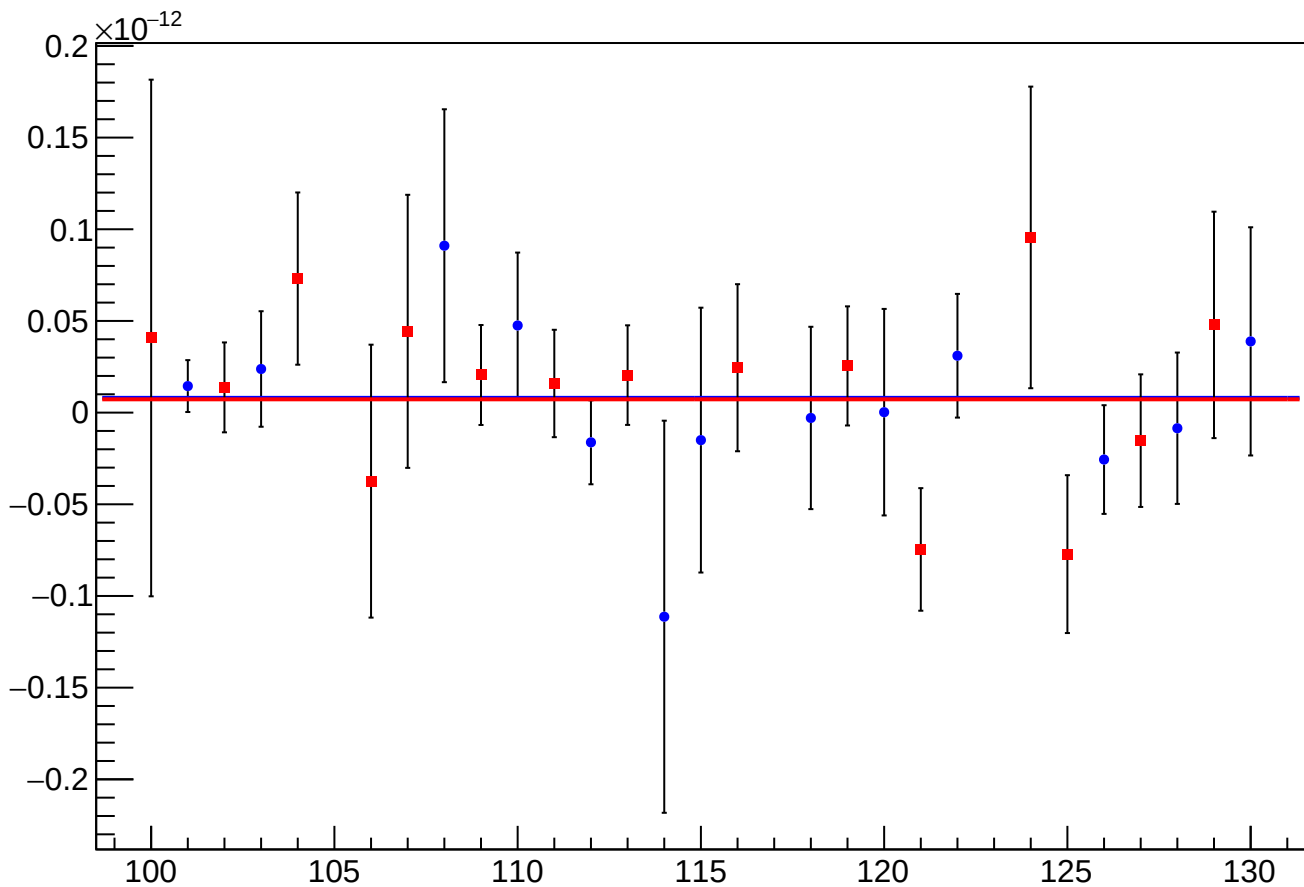
Right: 19.122+/-0.004 χ^2/NDF : 2939437.8/27

In: 19.064+/-0.006 χ^2/NDF : 1479466.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.122+/-0.004 χ^2/NDF : 2939437.8/27

asym_sam7_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

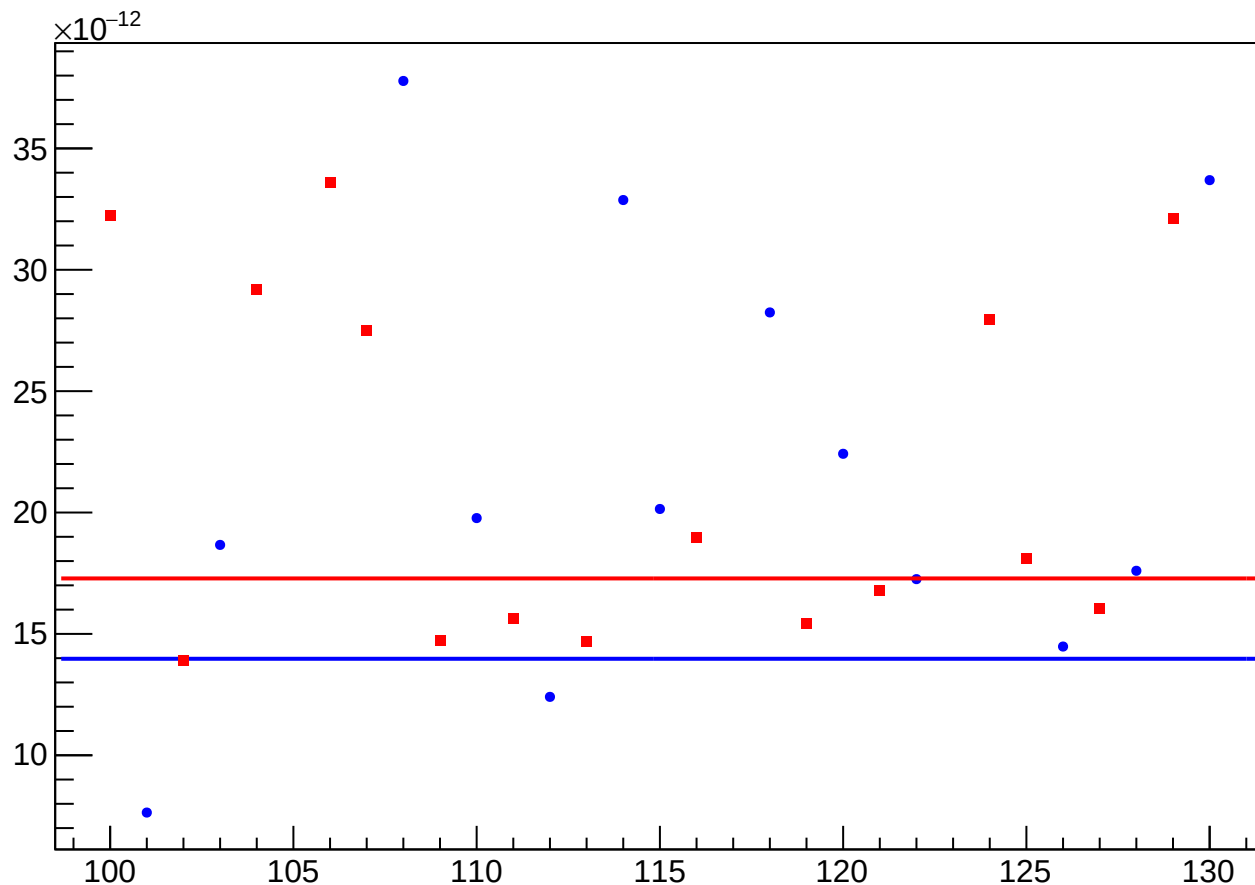
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 22.9/27

In: 0.000 $\pm$ 0.000 χ^2 /NDF:7.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 22.9/27

asym_sam7_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1224192.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 526940.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

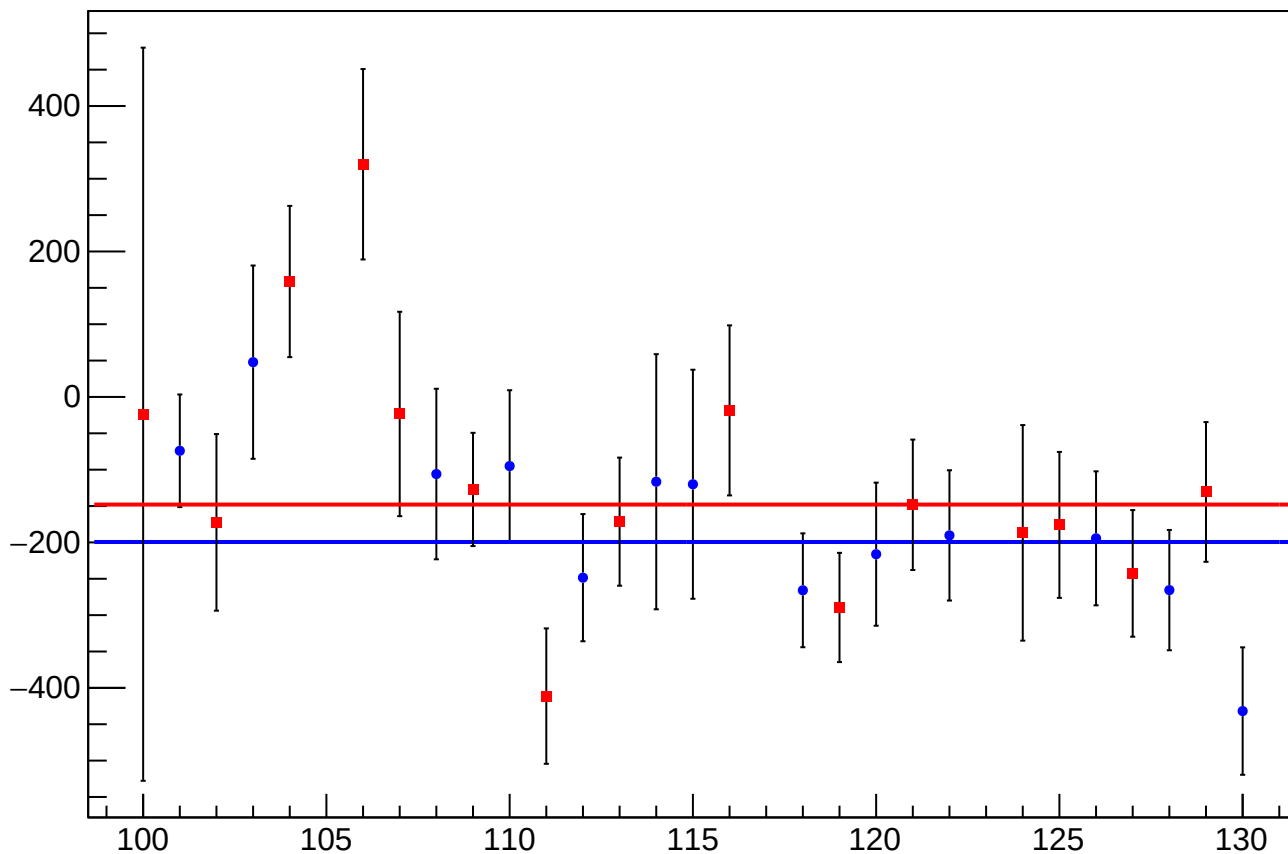
Right: 0.000+/-0.000 χ^2/NDF : 1876122.0/27

In: 0.000+/-0.000 χ^2/NDF : 1224192.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1876122.0/27

reg_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.423 ± 26.946 $\chi^2/\text{NDF}: 17.0/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -147.958 ± 26.327 $\chi^2/\text{NDF}: 36.6/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

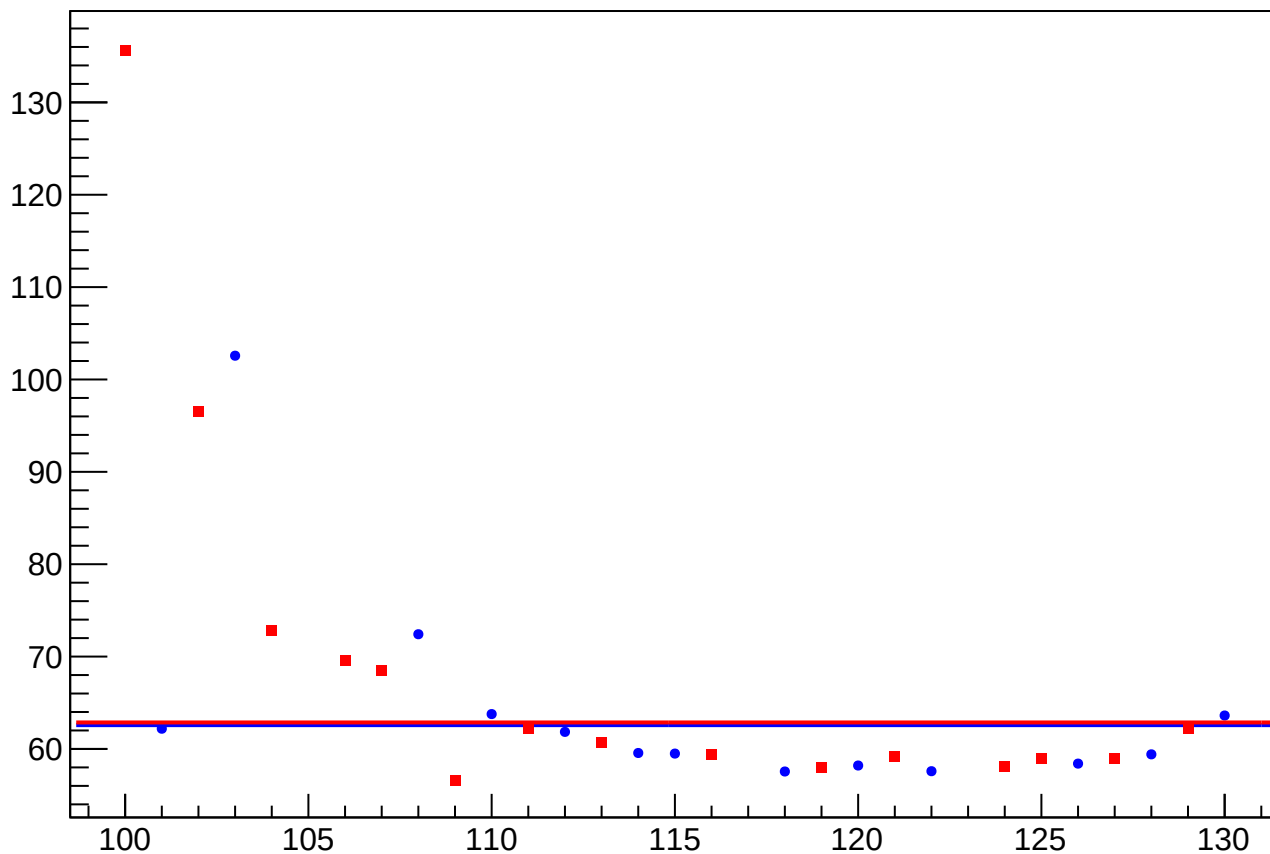
Right: -173.093 ± 18.831 $\chi^2/\text{NDF}: 55.5/27$

In: -199.423 ± 26.946 $\chi^2/\text{NDF}: 17.0/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -173.093 ± 18.831 $\chi^2/\text{NDF}: 55.5/27$

reg_asym_sam8_rms vs Slug, Sign Corrected



Right In: 62.577+/-0.019 χ^2/NDF : 222791.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.868+/-0.019 χ^2/NDF : 259299.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

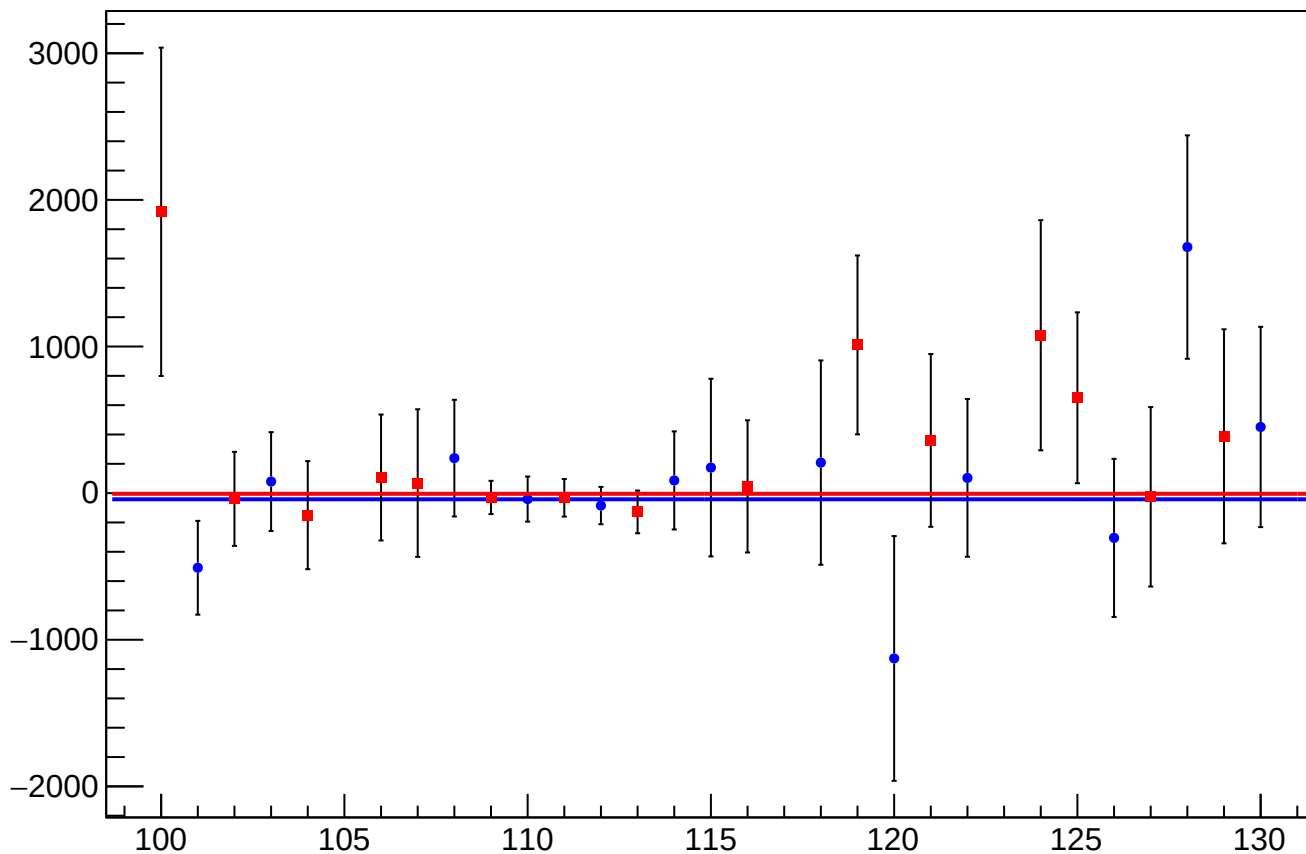
Right: 62.726+/-0.013 χ^2/NDF : 482209.4/27

In: 62.577+/-0.019 χ^2/NDF : 222791.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.726+/-0.013 χ^2/NDF : 482209.4/27

asym_sam8_reg_correction_mean vs Slug, Sign Corrected



Right In: -42.014 $\pm$ 80.359 χ^2 /NDF: 10.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -4.536 $\pm$ 65.588 χ^2 /NDF: 10.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

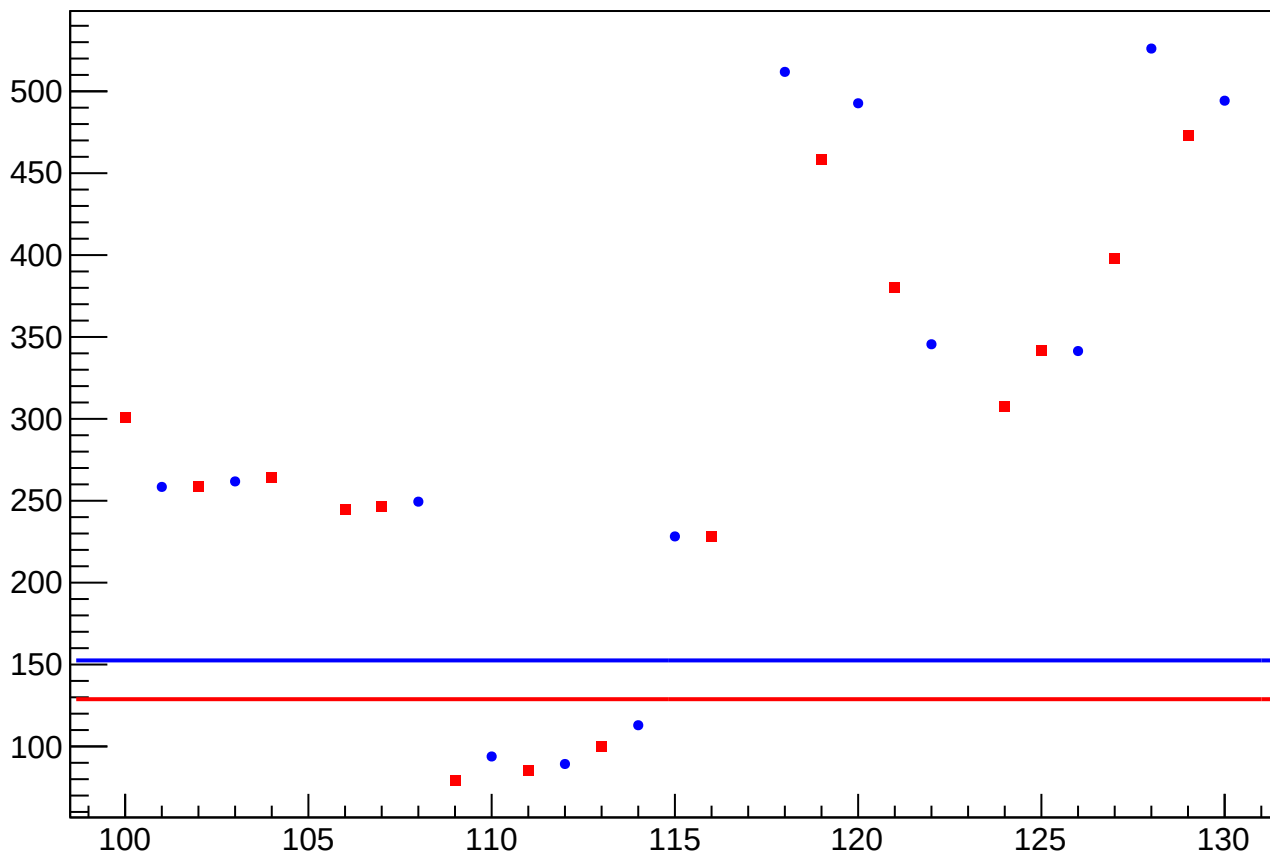
Right: -19.521 $\pm$ 50.812 χ^2 /NDF: 21.7/27

In: -42.014 $\pm$ 80.359 χ^2 /NDF:10.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -19.521 $\pm$ 50.812 χ^2 /NDF: 21.7/27

asym_sam8_reg_correction_rms vs Slug, Sign Corrected



Right In: 152.515+/-0.057 χ^2/NDF : 3740984.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.841+/-0.046 χ^2/NDF : 3840395.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

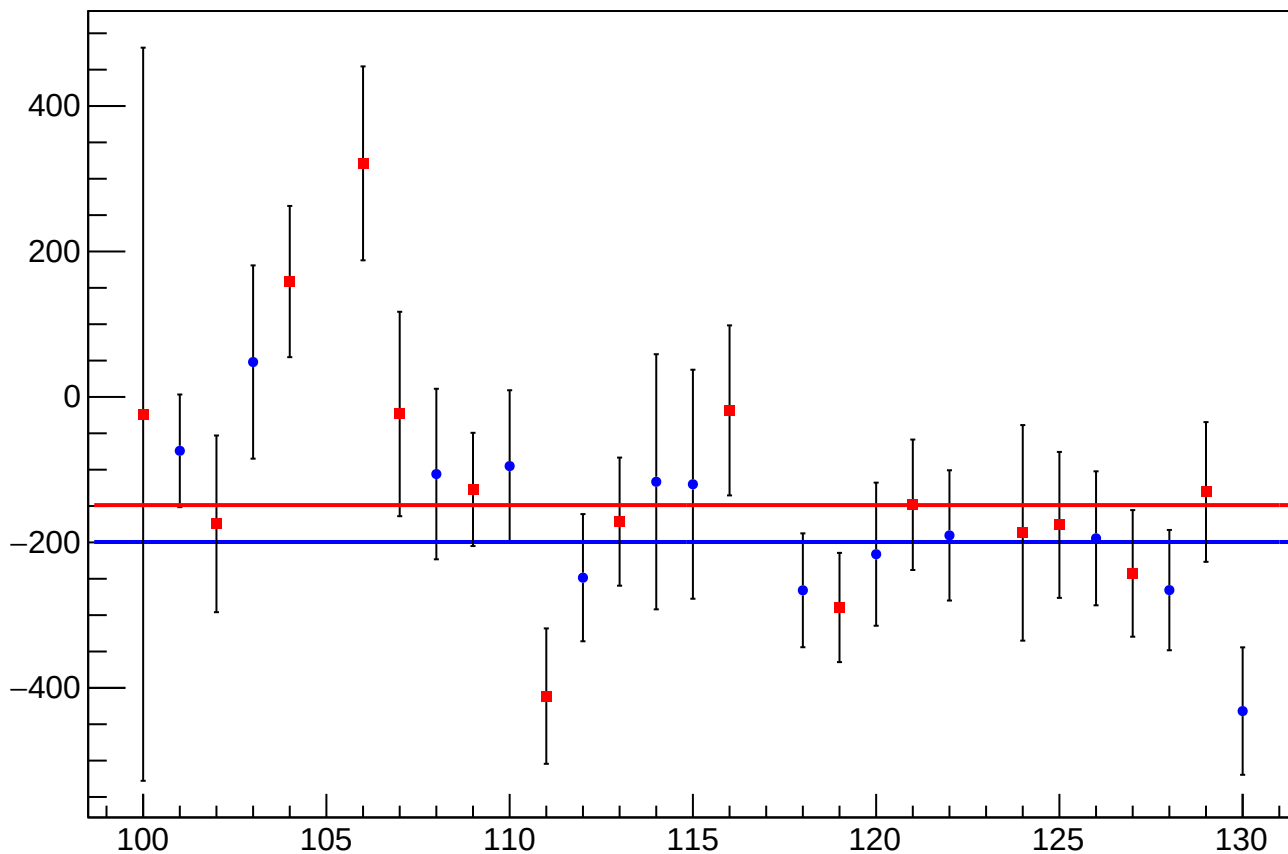
Right: 138.306+/-0.036 χ^2/NDF : 7685568.0/27

In: 152.515+/-0.057 χ^2/NDF : 3740984.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.306+/-0.036 χ^2/NDF : 7685568.0/27

cor_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.423+/-26.946 χ^2/NDF : 17.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -148.687+/-26.347 χ^2/NDF : 36.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

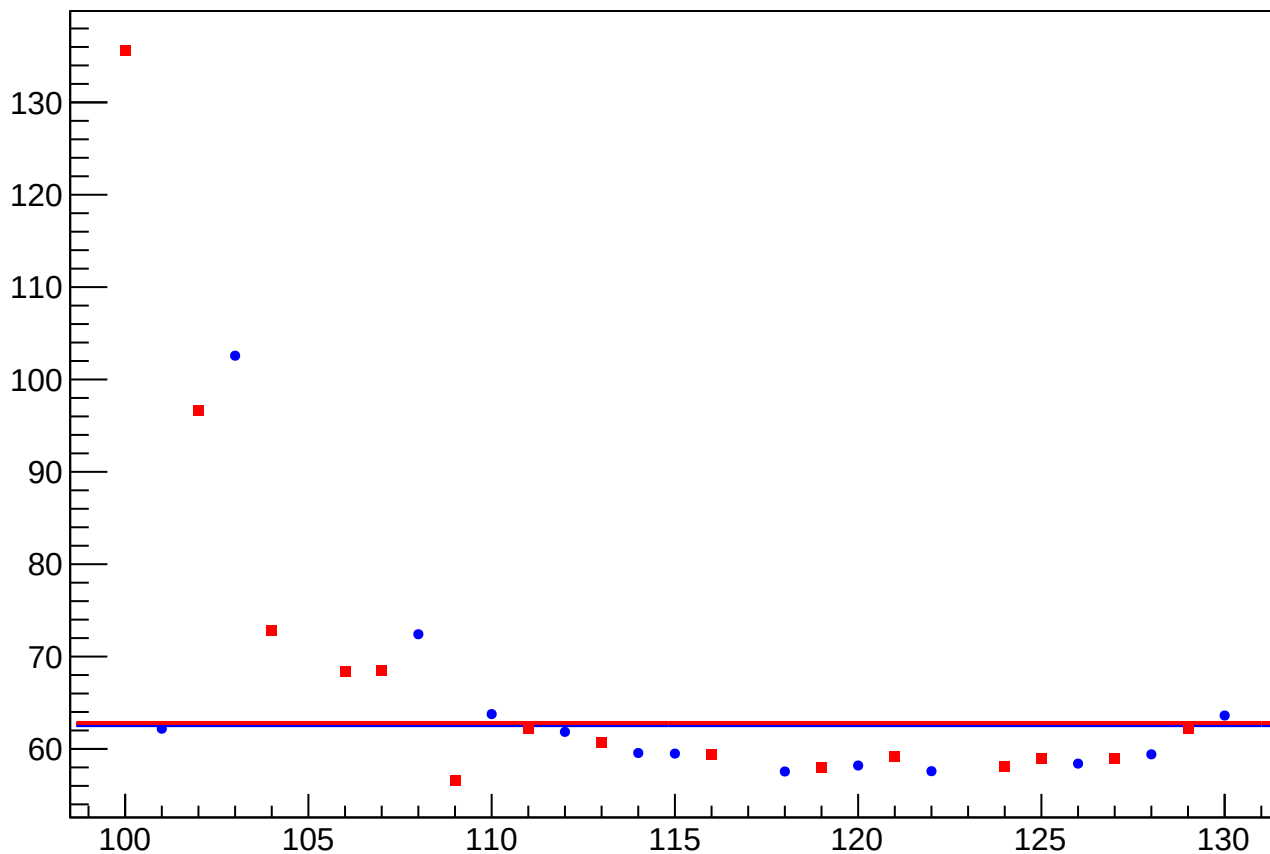
Right: -173.485+/-18.838 χ^2/NDF : 55.0/27

In: -199.423+/-26.946 χ^2/NDF : 17.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -173.485+/-18.838 χ^2/NDF : 55.0/27

cor_asym_sam8_rms vs Slug, Sign Corrected



Right In: 62.577+/-0.019 χ^2/NDF : 222793.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.813+/-0.019 χ^2/NDF : 257682.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

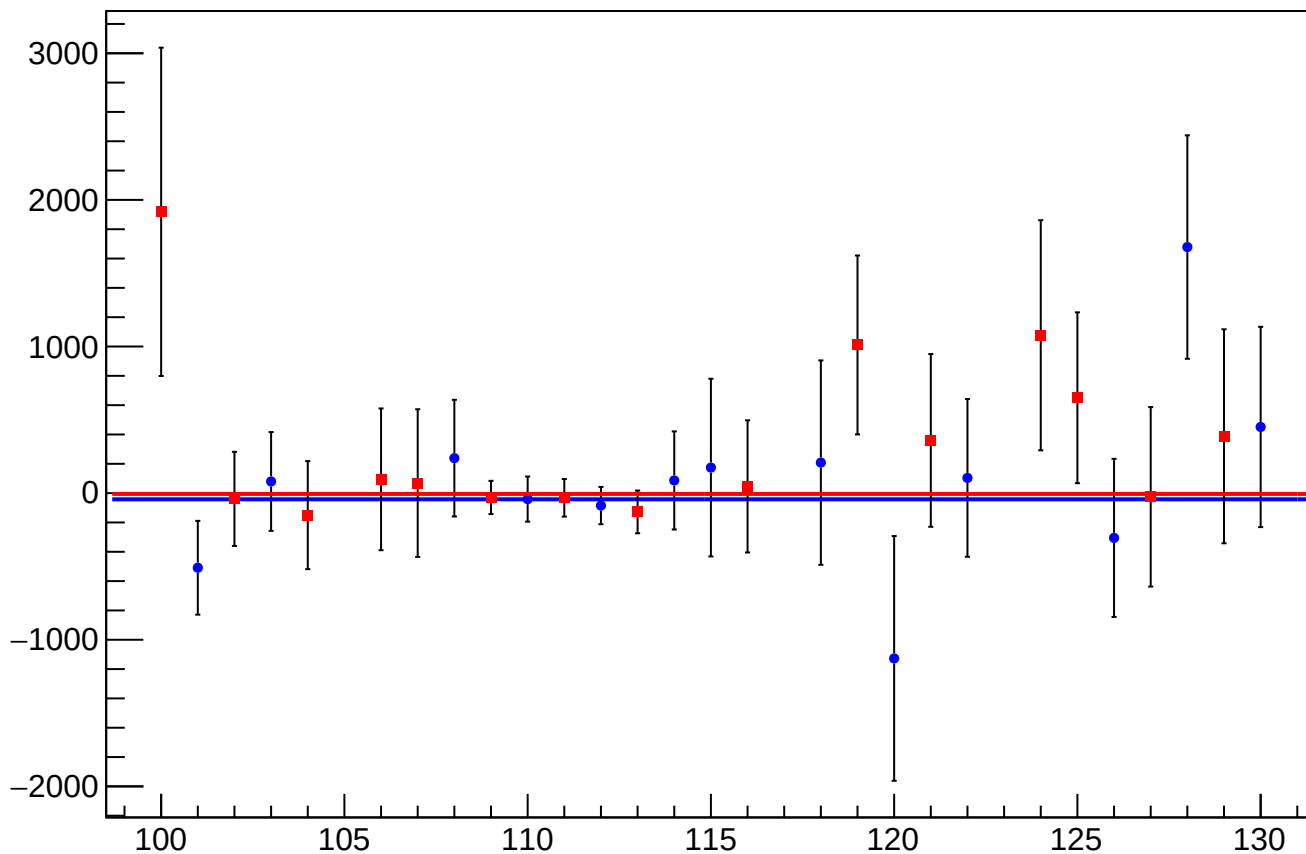
Right: 62.697+/-0.013 χ^2/NDF : 480554.4/27

In: 62.577+/-0.019 χ^2/NDF : 222793.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.697+/-0.013 χ^2/NDF : 480554.4/27

asym_sam8_cor_correction_mean vs Slug, Sign Corrected



Right In: -41.994+/-80.360 χ^2/NDF : 10.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -5.295+/-65.752 χ^2/NDF : 10.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

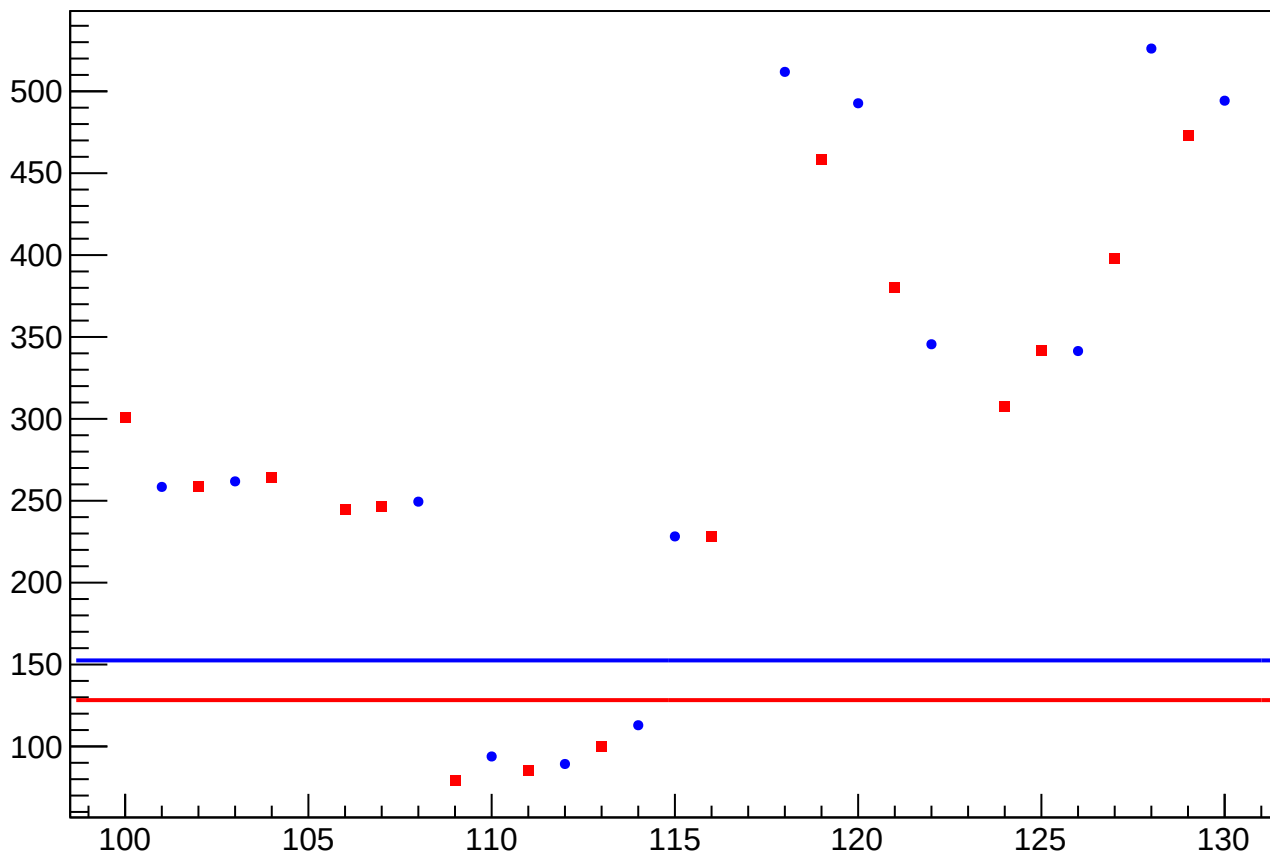
Right: -20.012+/-50.888 χ^2/NDF : 21.6/27

In: -41.994+/-80.360 χ^2/NDF :10.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -20.012+/-50.888 χ^2/NDF : 21.6/27

asym_sam8_cor_correction_rms vs Slug, Sign Corrected



Right In: 152.516+/-0.057 χ^2/NDF : 3741041.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.272+/-0.046 χ^2/NDF : 3810833.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

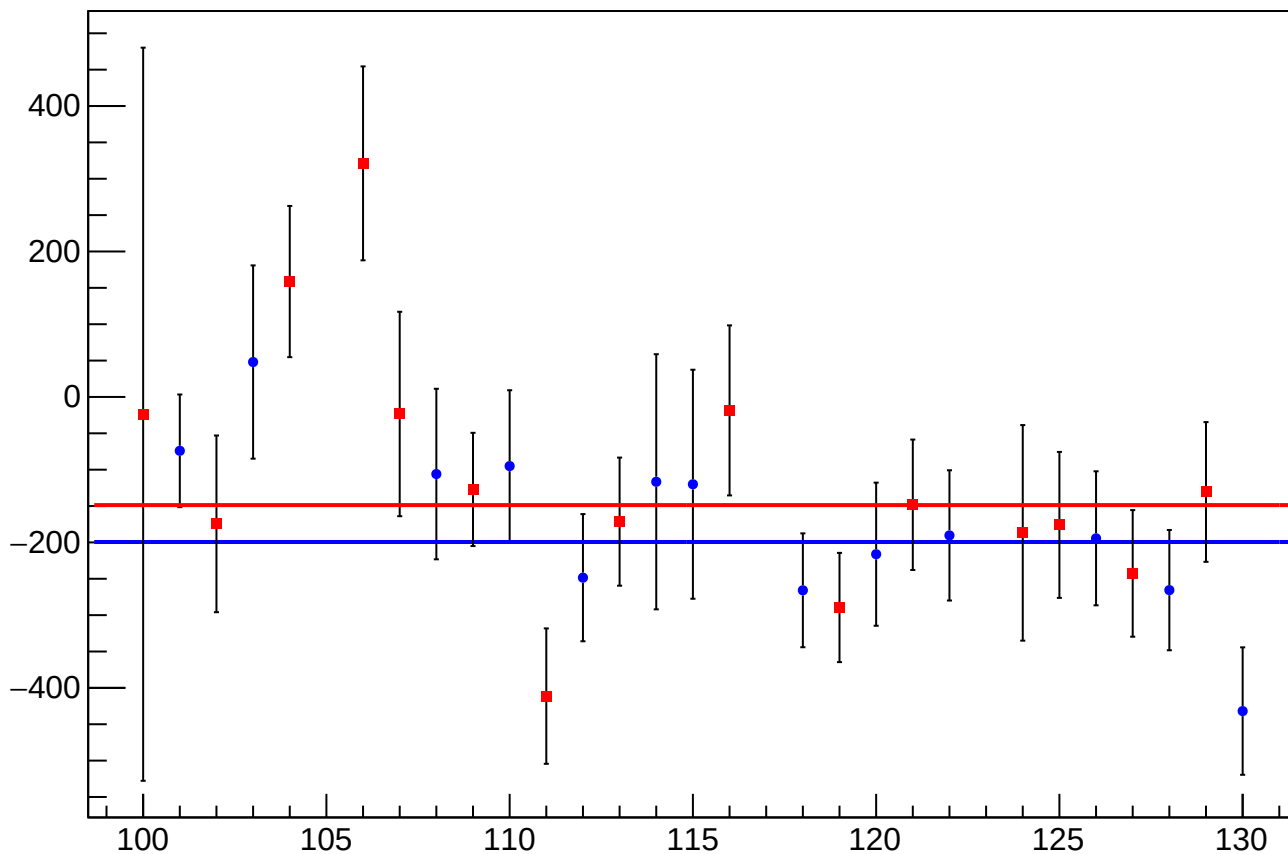
Right: 137.994+/-0.036 χ^2/NDF : 7660908.9/27

In: 152.516+/-0.057 χ^2/NDF : 3741041.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.994+/-0.036 χ^2/NDF : 7660908.9/27

eigen_cor_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.423 ± 26.946 $\chi^2/\text{NDF}: 17.0/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -148.687 ± 26.347 $\chi^2/\text{NDF}: 36.3/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

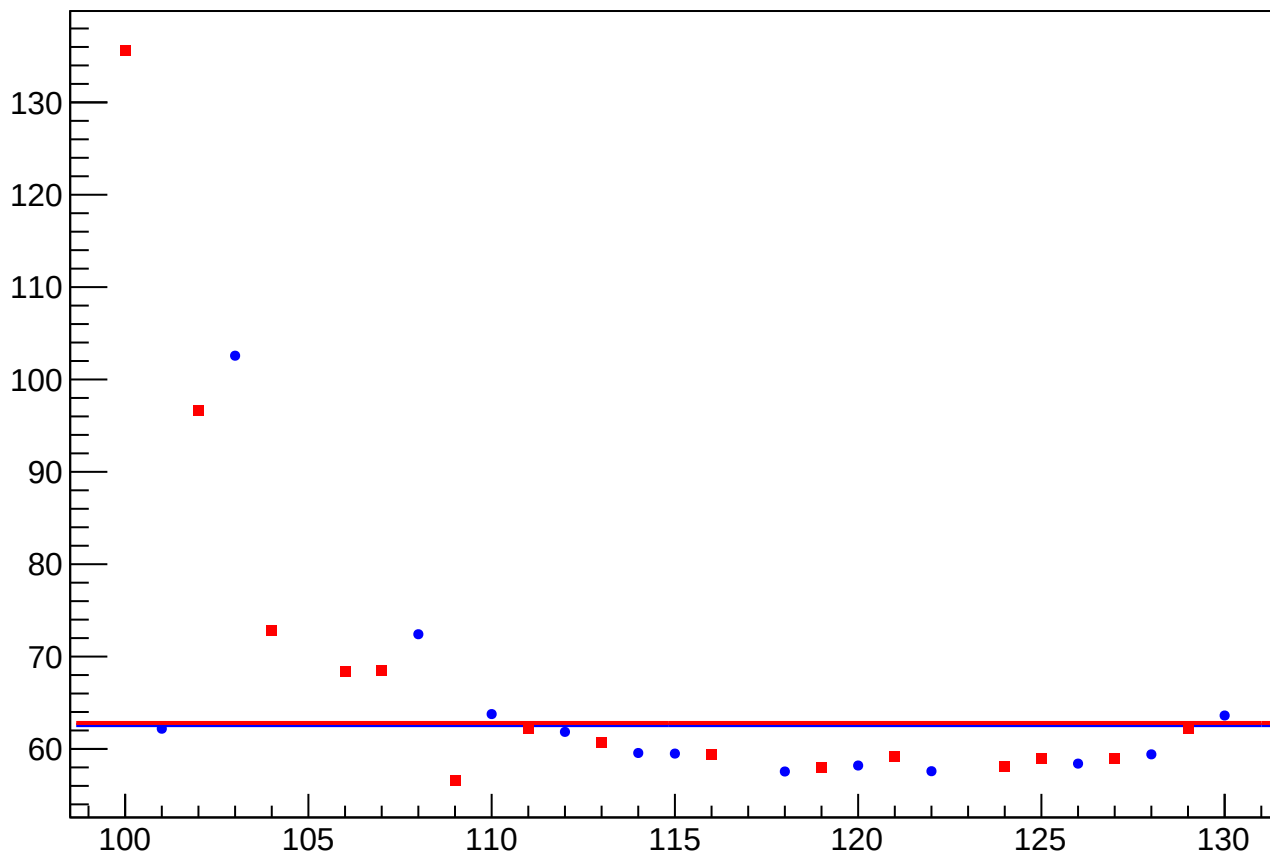
Right: -173.485 ± 18.838 $\chi^2/\text{NDF}: 55.0/27$

In: -199.423 ± 26.946 $\chi^2/\text{NDF}: 17.0/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -173.485 ± 18.838 $\chi^2/\text{NDF}: 55.0/27$

eigen_cor_asym_sam8_rms vs Slug, Sign Corrected



Right In: 62.577+/-0.019 χ^2/NDF : 222793.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.813+/-0.019 χ^2/NDF : 257682.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

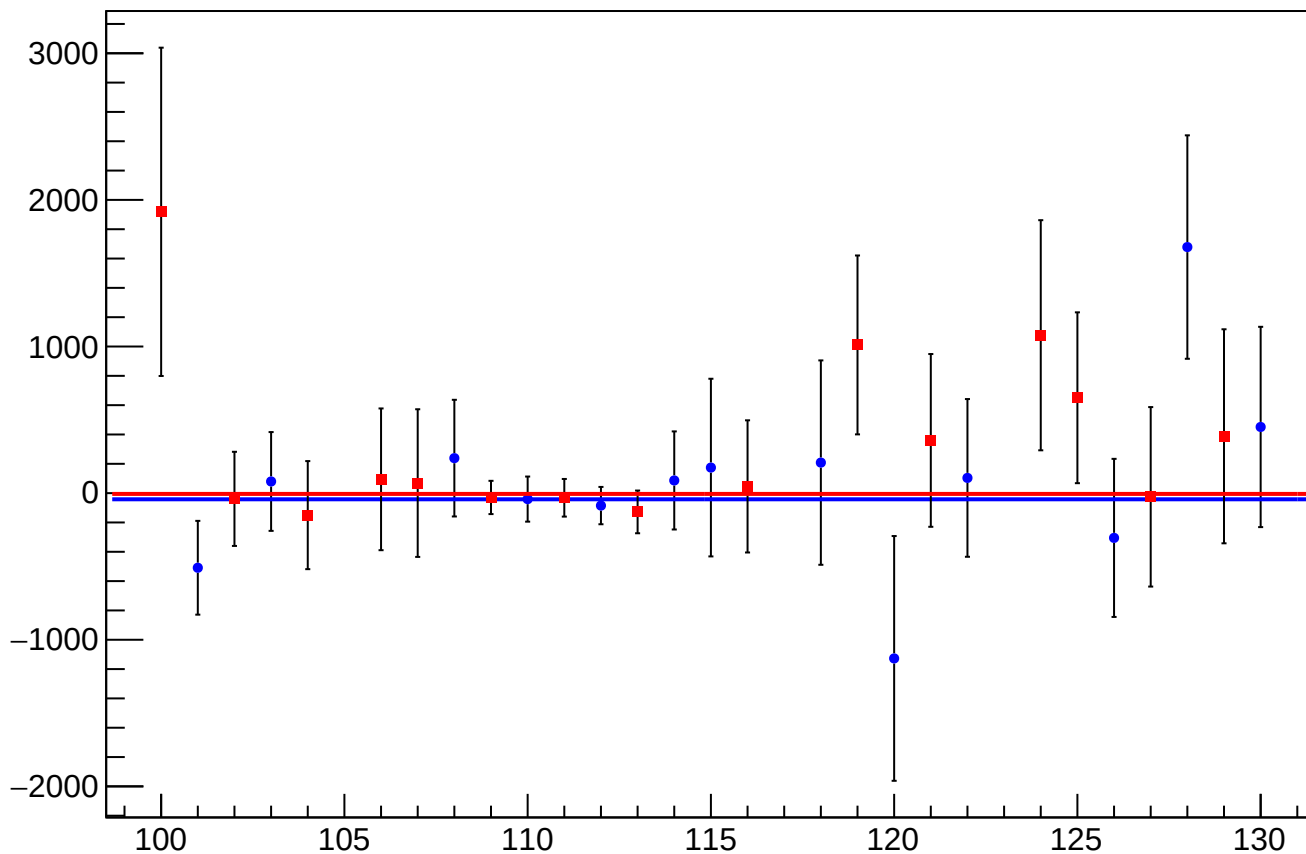
Right: 62.697+/-0.013 χ^2/NDF : 480554.4/27

In: 62.577+/-0.019 χ^2/NDF : 222793.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.697+/-0.013 χ^2/NDF : 480554.4/27

asym_sam8_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -41.994 ± 80.360 χ^2/NDF : 10.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -5.295 ± 65.752 χ^2/NDF : 10.6/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

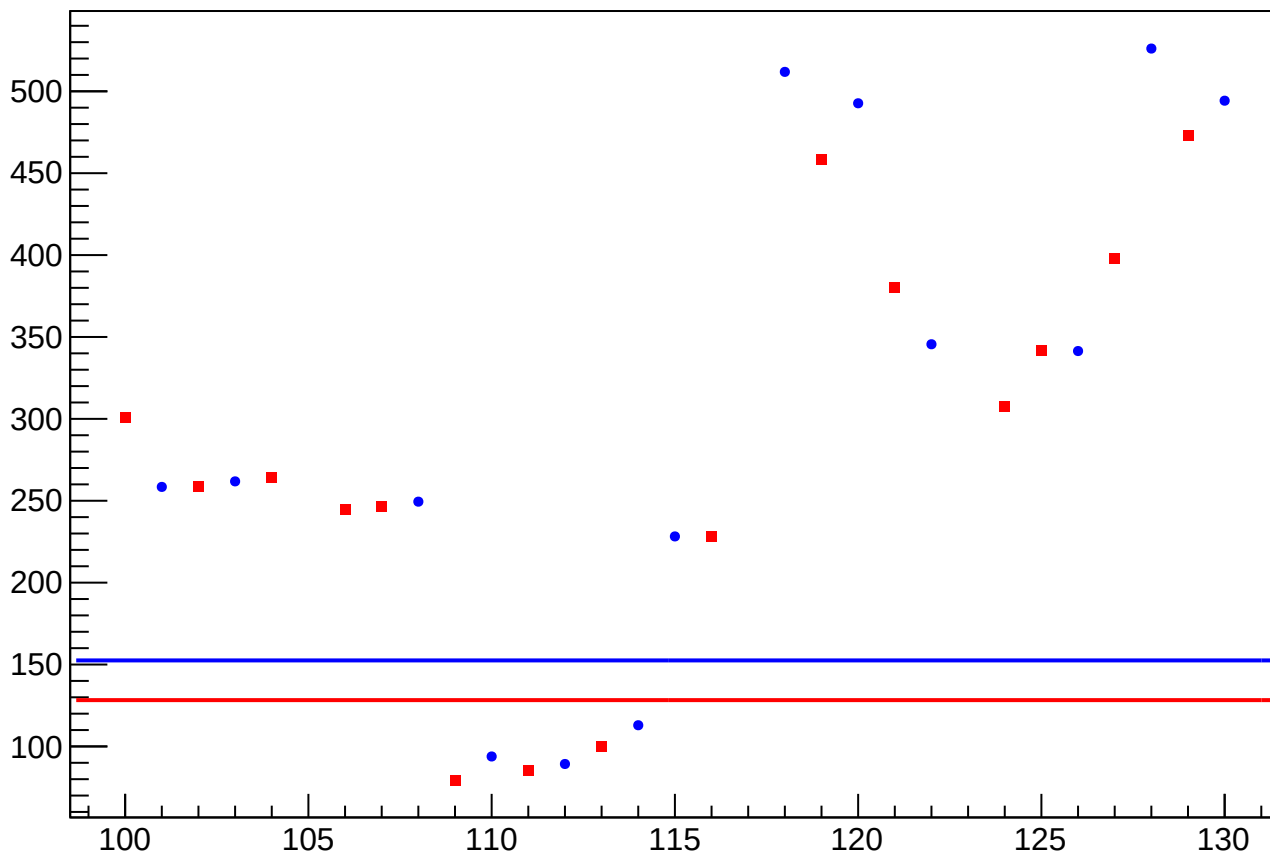
Right: -20.012 ± 50.888 χ^2/NDF : 21.6/27

In: -41.994 ± 80.360 χ^2/NDF : 10.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -20.012 ± 50.888 χ^2/NDF : 21.6/27

asym_sam8_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 152.516+/-0.057 χ^2/NDF : 3741041.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.272+/-0.046 χ^2/NDF : 3810833.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

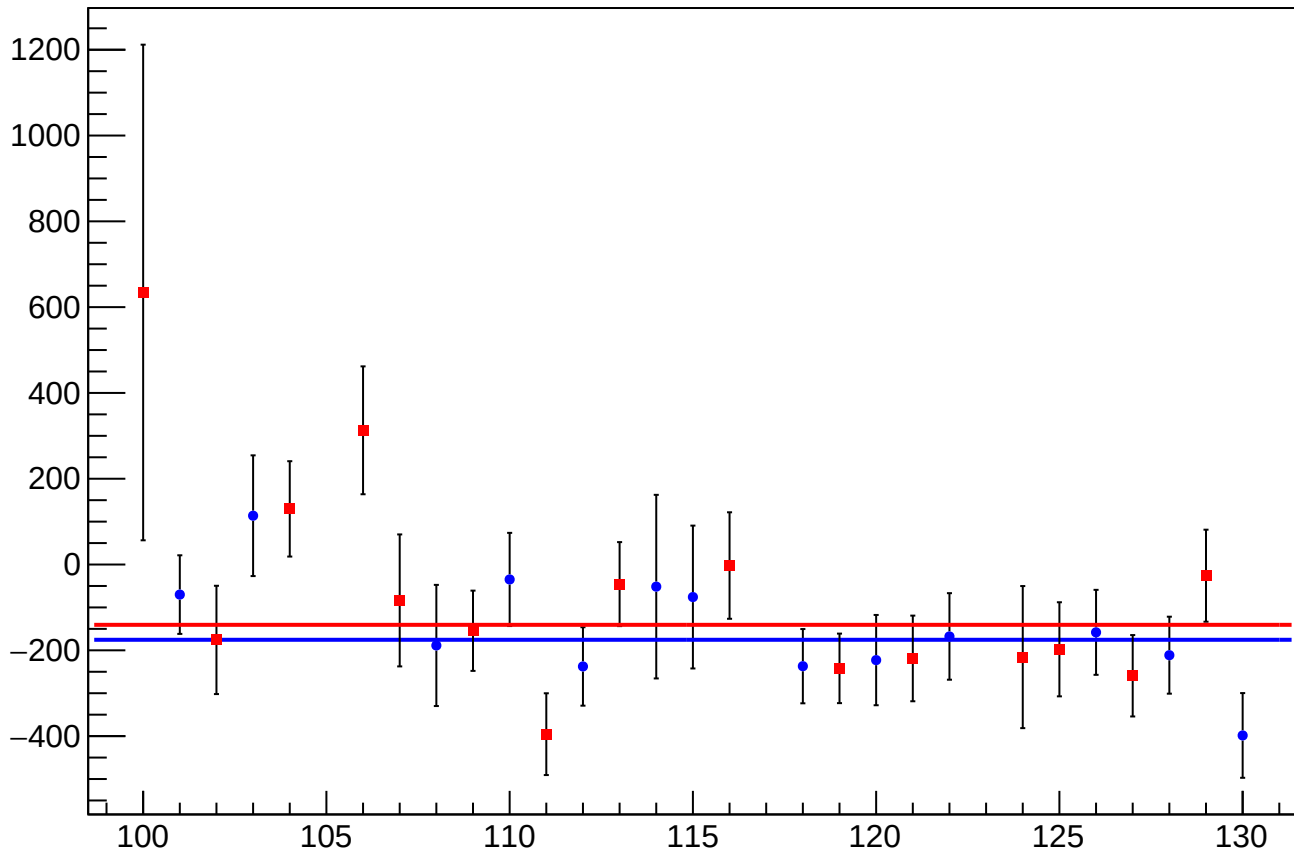
Right: 137.994+/-0.036 χ^2/NDF : 7660908.9/27

In: 152.516+/-0.057 χ^2/NDF : 3741041.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.994+/-0.036 χ^2/NDF : 7660908.9/27

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -175.431 ± 29.710 $\chi^2/\text{NDF}: 14.4/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -140.569 ± 28.894 $\chi^2/\text{NDF}: 31.9/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

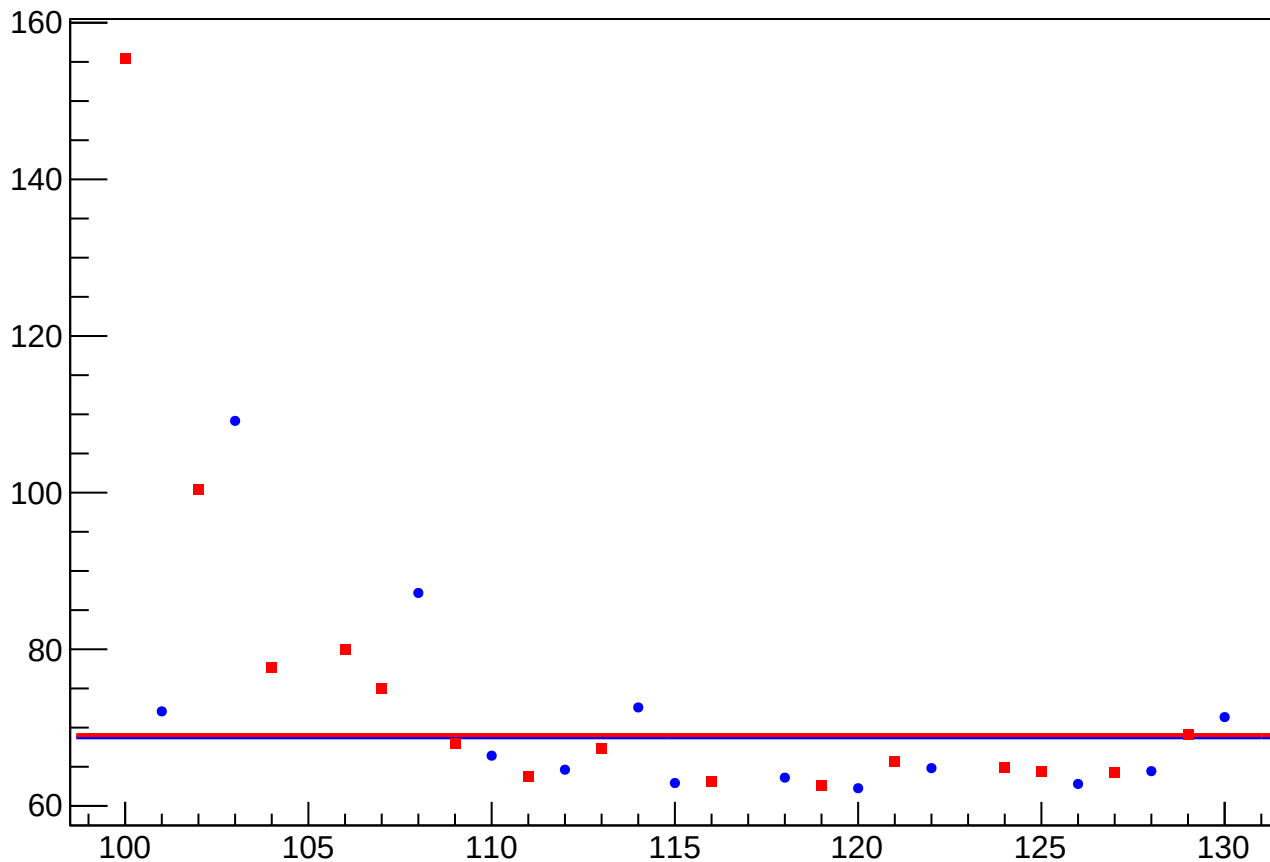
Right: -157.515 ± 20.714 $\chi^2/\text{NDF}: 47.0/27$

In: -175.431 ± 29.710 $\chi^2/\text{NDF}: 14.4/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -157.515 ± 20.714 $\chi^2/\text{NDF}: 47.0/27$

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 68.760+/-0.021 χ^2/NDF : 240693.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 69.049+/-0.020 χ^2/NDF : 231008.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

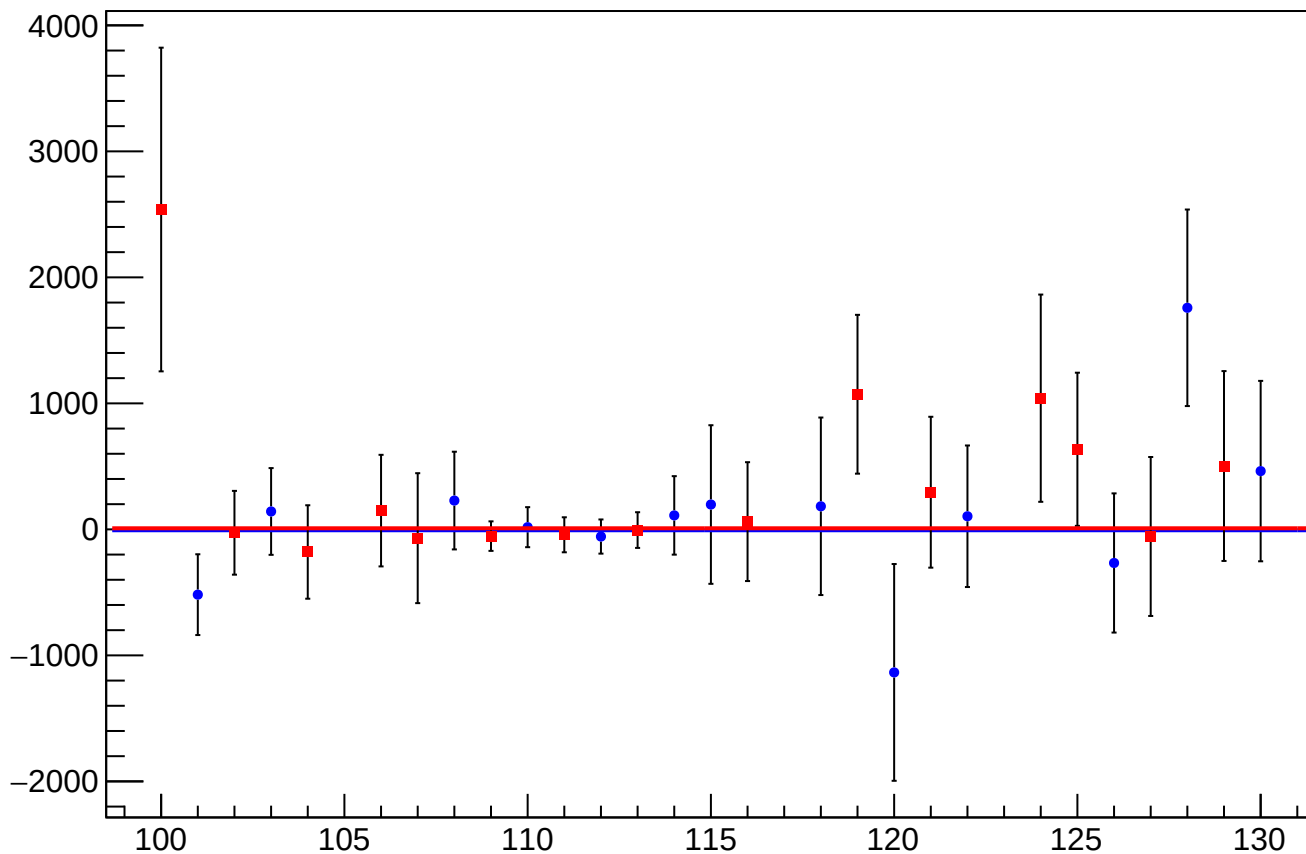
Right: 68.909+/-0.015 χ^2/NDF : 471799.0/27

In: 68.760+/-0.021 χ^2/NDF :240693.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 68.909+/-0.015 χ^2/NDF : 471799.0/27

asym_sam8_dit_correction_mean vs Slug, Sign Corrected



Right In: -6.895+/-83.013 χ^2/NDF : 11.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.630+/-67.636 χ^2/NDF : 10.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

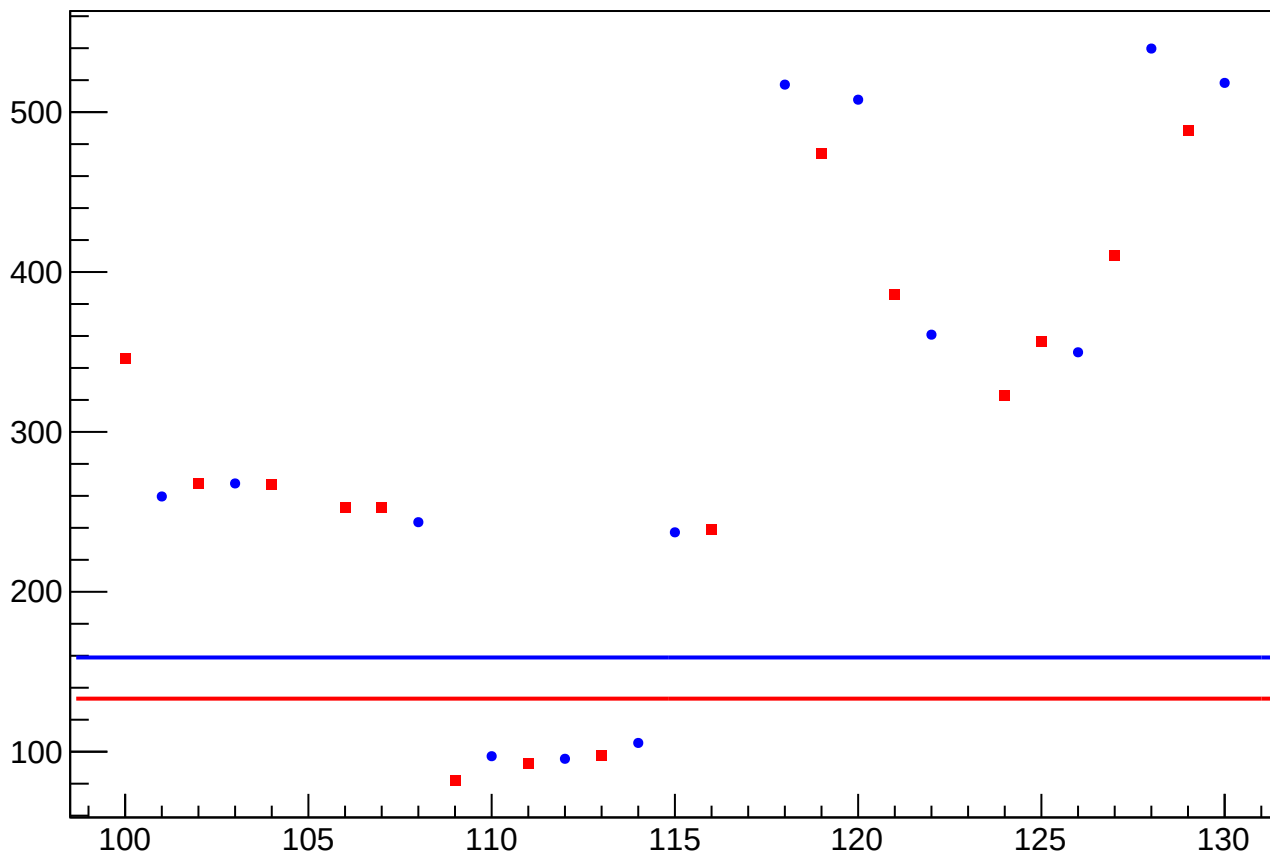
Right: 2.436+/-52.435 χ^2/NDF : 22.0/27

In: -6.895+/-83.013 χ^2/NDF : 11.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.436+/-52.435 χ^2/NDF : 22.0/27

asym_sam8_dit_correction_rms vs Slug, Sign Corrected



Right In: 158.928+/-0.059 χ^2/NDF : 3645947.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.183+/-0.048 χ^2/NDF : 3827620.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

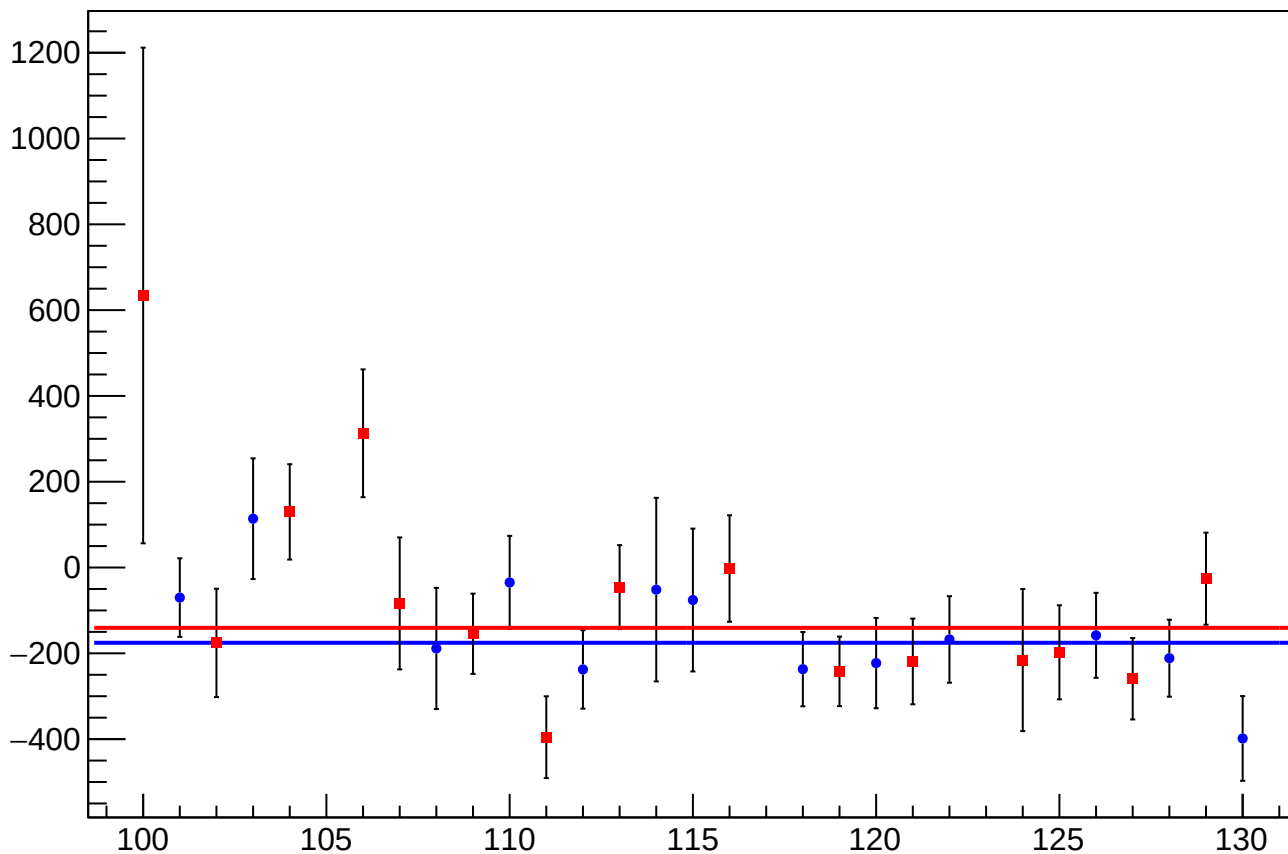
Right: 143.455+/-0.037 χ^2/NDF : 7589177.3/27

In: 158.928+/-0.059 χ^2/NDF : 3645947.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.455+/-0.037 χ^2/NDF : 7589177.3/27

eigen_dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -175.432 $\pm$ 29.710 χ^2 /NDF: 14.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -140.571 $\pm$ 28.894 χ^2 /NDF: 31.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

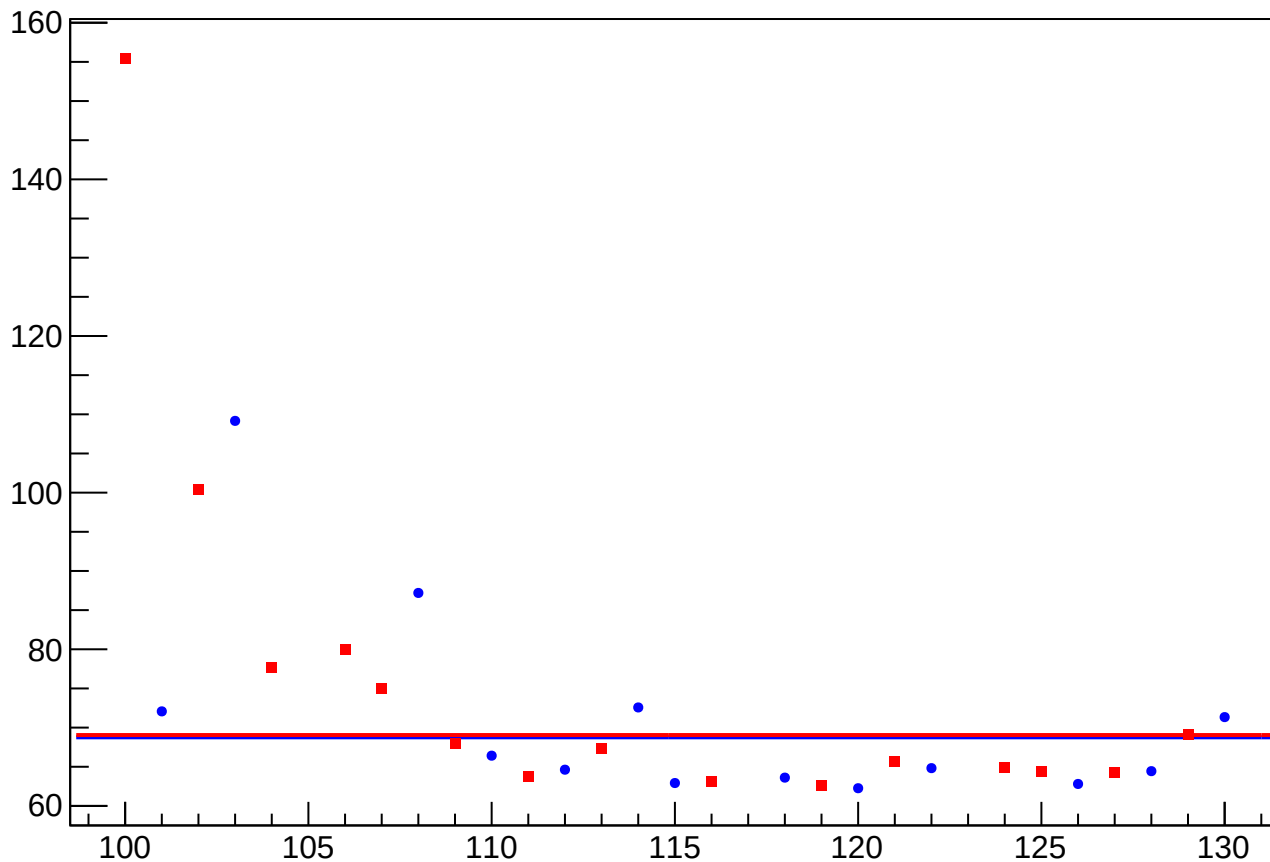
Right: -157.516 $\pm$ 20.714 χ^2 /NDF: 47.0/27

In: -175.432 $\pm$ 29.710 χ^2 /NDF:14.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -157.516 $\pm$ 20.714 χ^2 /NDF: 47.0/27

eigen_dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 68.760 $\pm$ 0.021 χ^2 /NDF: 240693.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 69.049 $\pm$ 0.020 χ^2 /NDF: 231010.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

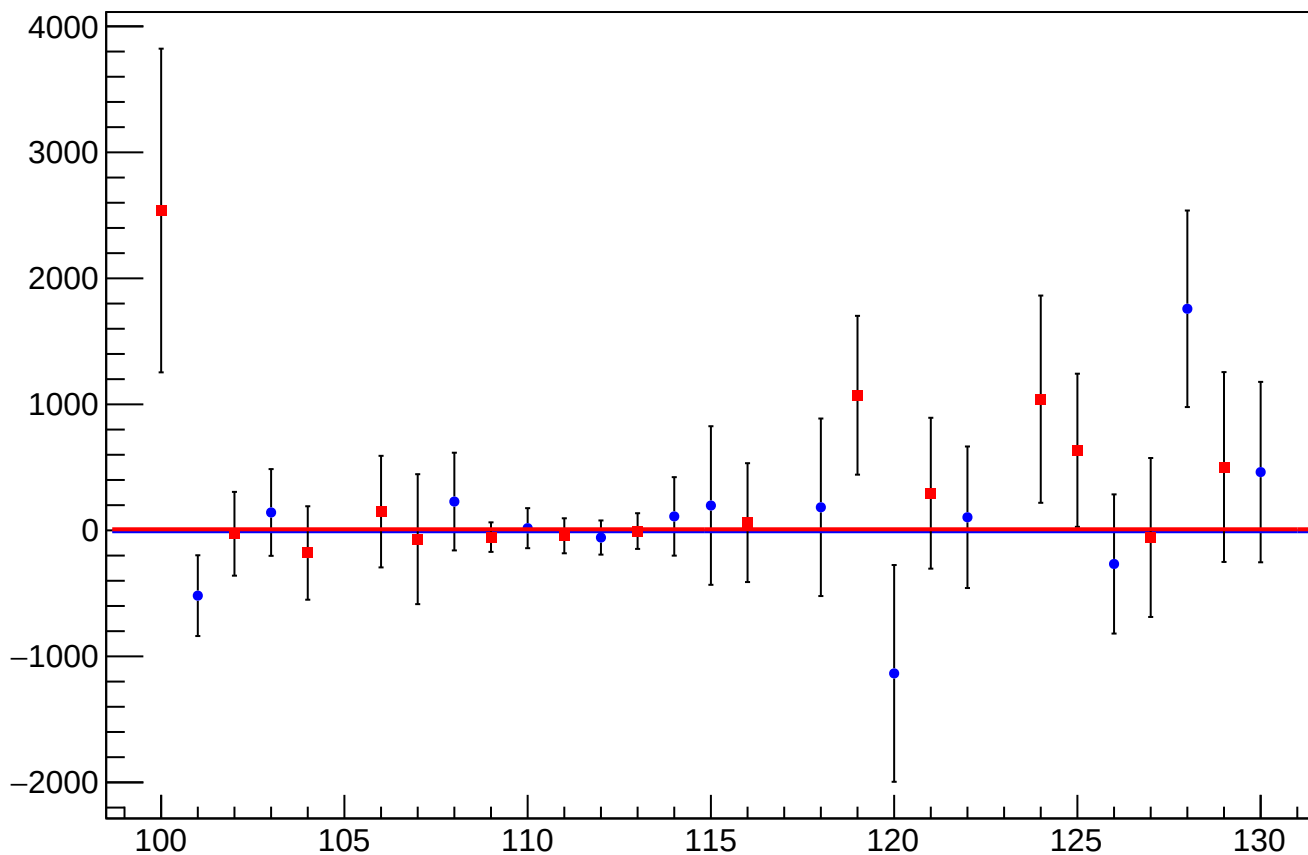
Right: 68.909 $\pm$ 0.015 χ^2 /NDF: 471801.9/27

In: 68.760 $\pm$ 0.021 χ^2 /NDF:240693.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 68.909 $\pm$ 0.015 χ^2 /NDF: 471801.9/27

asym_sam8_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -6.895+/-83.013 χ^2/NDF : 11.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.628+/-67.636 χ^2/NDF : 10.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

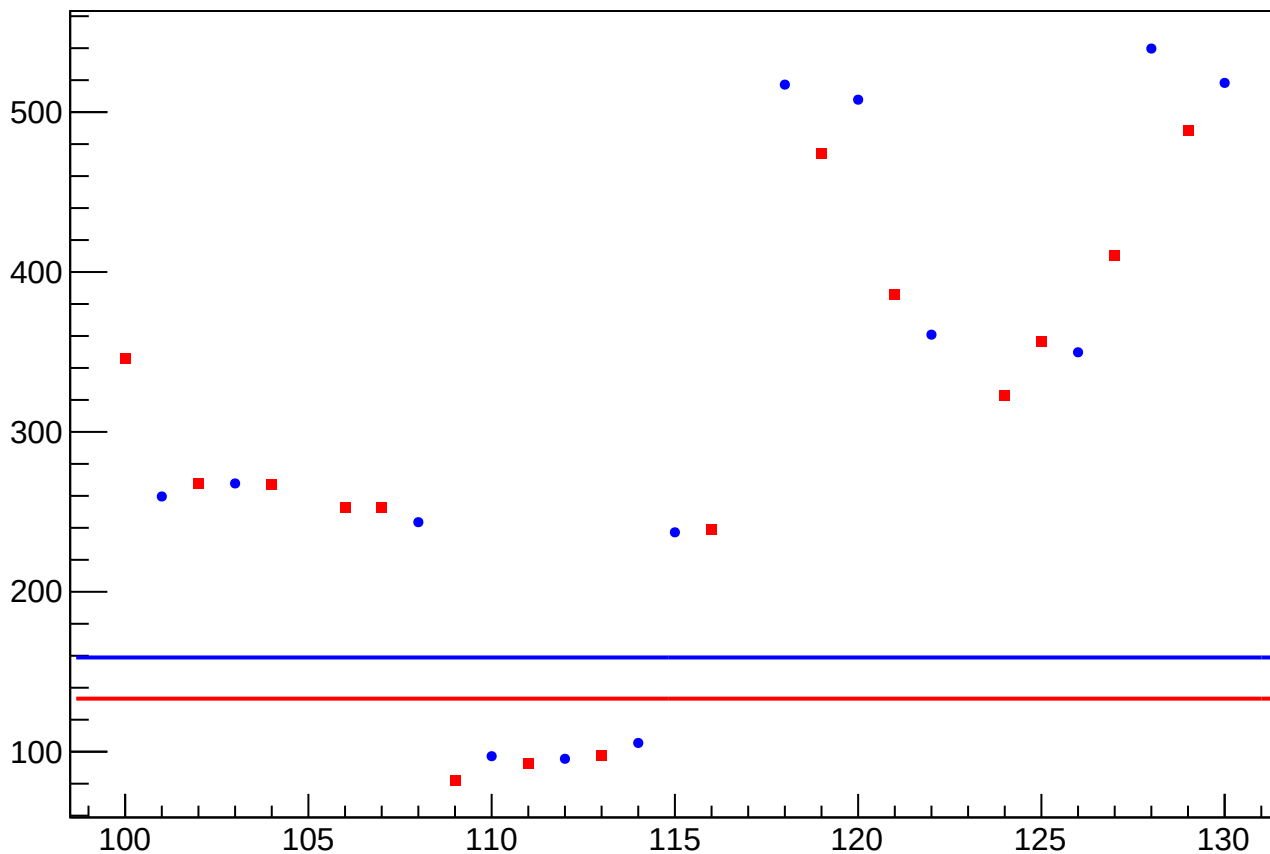
Right: 2.435+/-52.435 χ^2/NDF : 22.0/27

In: -6.895+/-83.013 χ^2/NDF : 11.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.435+/-52.435 χ^2/NDF : 22.0/27

asym_sam8_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 158.927+/-0.059 χ^2/NDF : 3645960.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 133.183+/-0.048 χ^2/NDF : 3827603.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

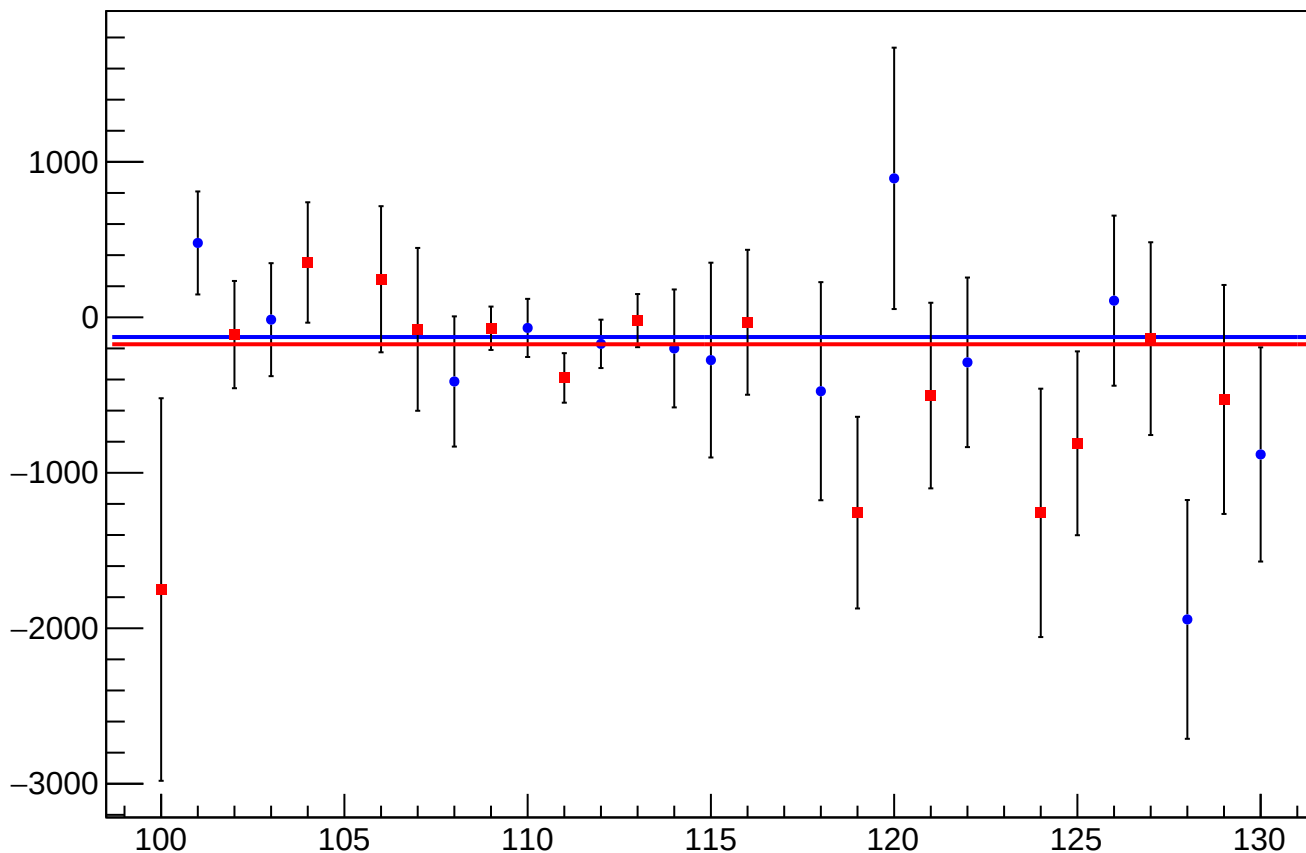
Right: 143.454+/-0.037 χ^2/NDF : 7589164.7/27

In: 158.927+/-0.059 χ^2/NDF :3645960.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 143.454+/-0.037 χ^2/NDF : 7589164.7/27

asym_sam8_mean vs Slug, Sign Corrected



Right In: -126.685+/-92.945 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -173.231+/-77.174 χ^2/NDF : 14.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

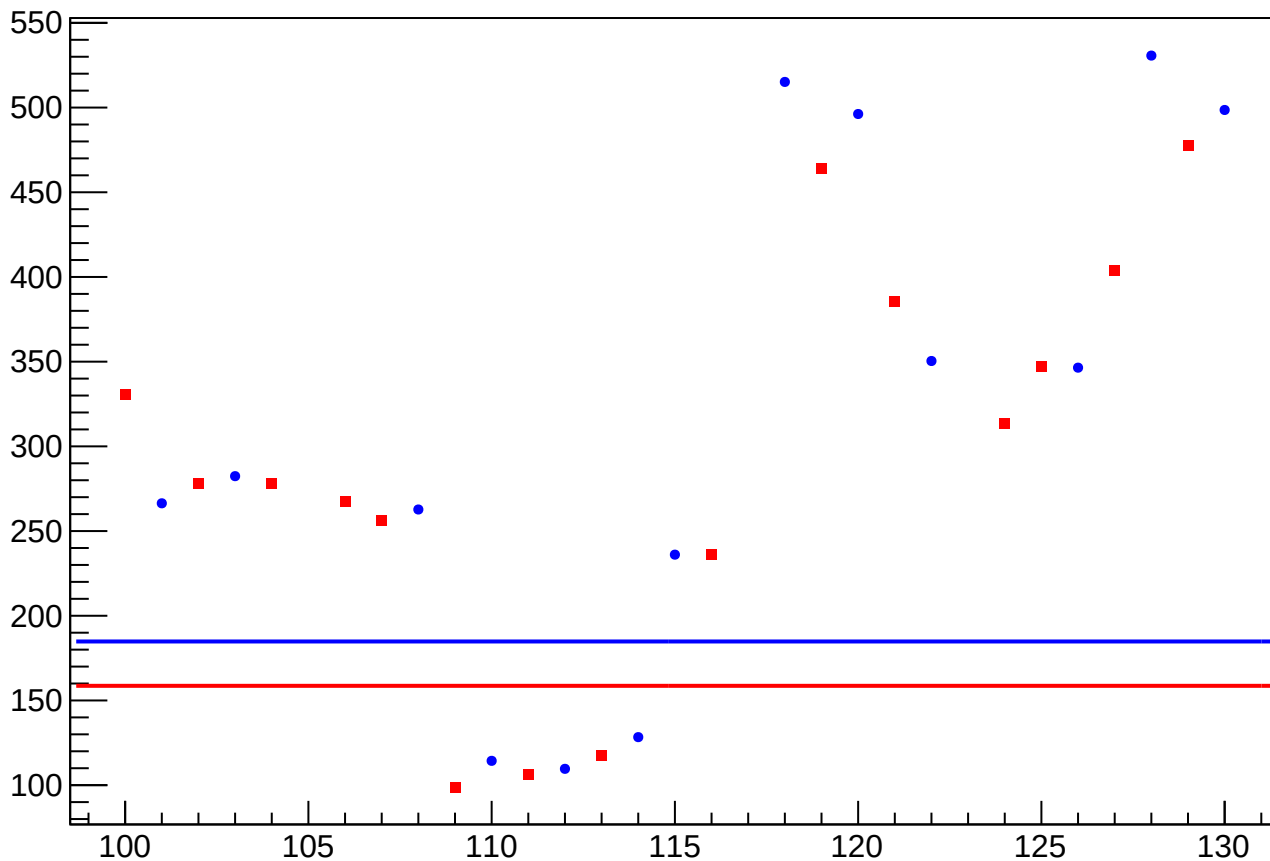
Right: -154.236+/-59.375 χ^2/NDF : 27.4/27

In: -126.685+/-92.945 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -154.236+/-59.375 χ^2/NDF : 27.4/27

asym_sam8_rms vs Slug, Sign Corrected



Right In: 184.821+/-0.066 χ^2/NDF : 3041015.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.641+/-0.055 χ^2/NDF : 3149906.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

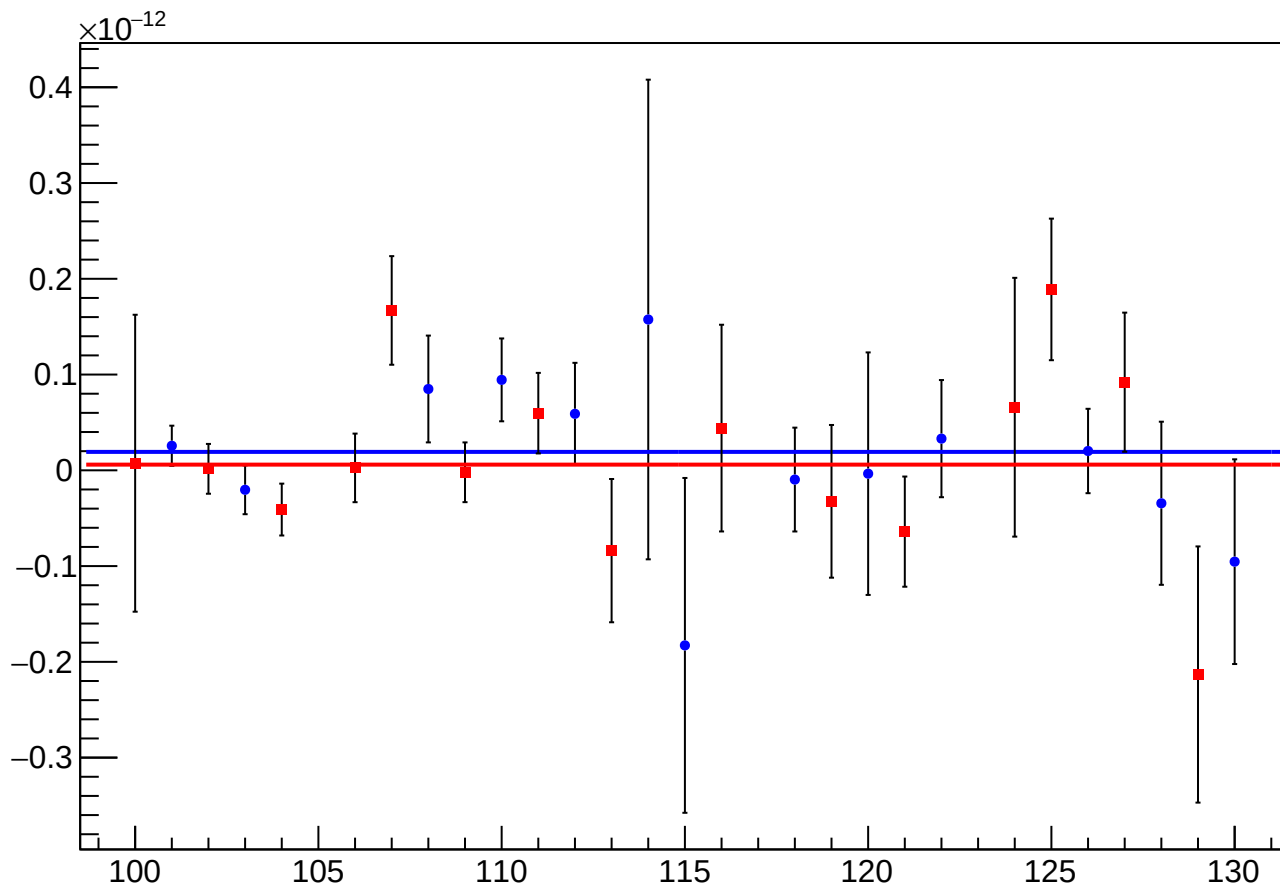
Right: 169.324+/-0.042 χ^2/NDF : 6284847.8/27

In: 184.821+/-0.066 χ^2/NDF : 3041015.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.324+/-0.042 χ^2/NDF : 6284847.8/27

asym_sam8_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 26.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

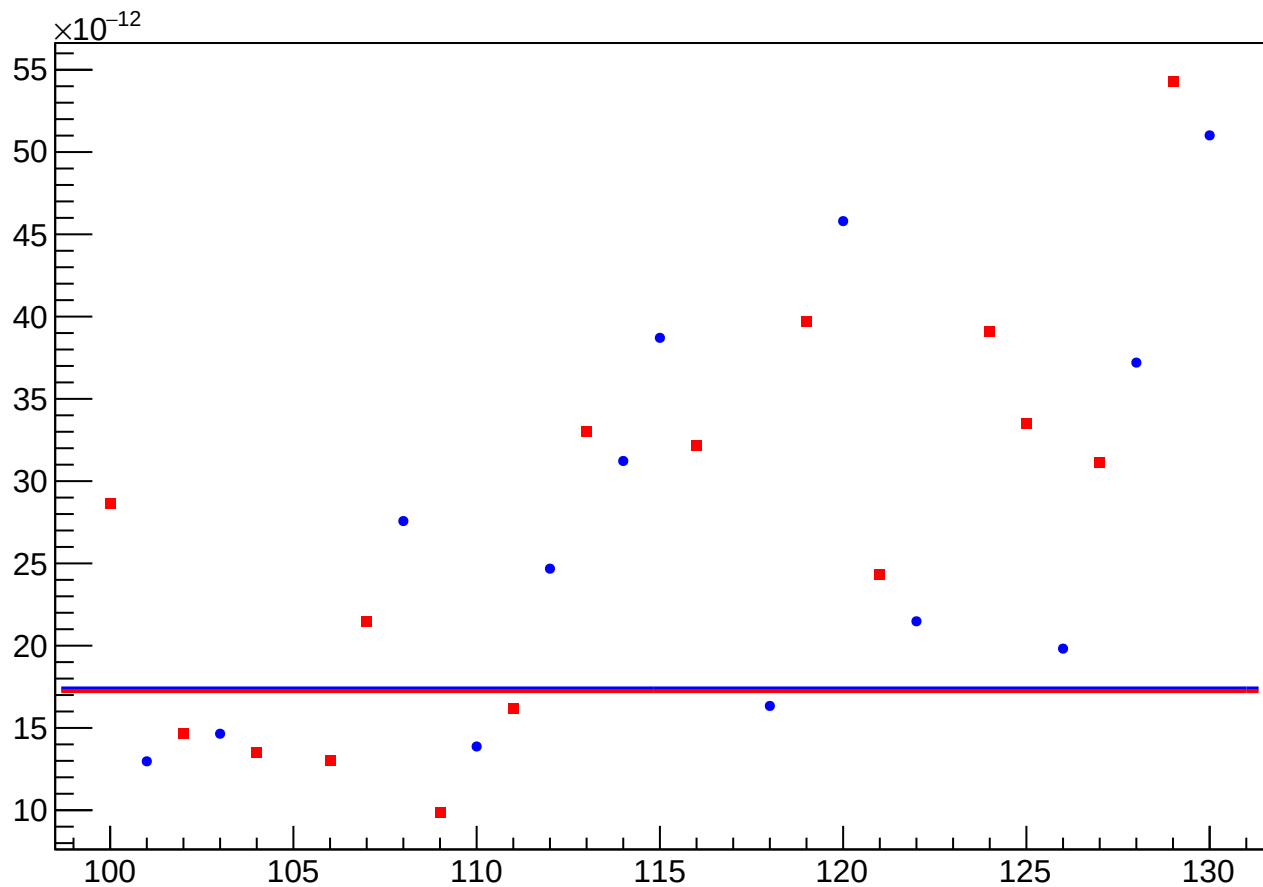
Right: 0.000+/-0.000 χ^2/NDF : 38.1/27

In: 0.000+/-0.000 χ^2/NDF : 11.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 38.1/27

asym_sam8_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 687758.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 914246.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

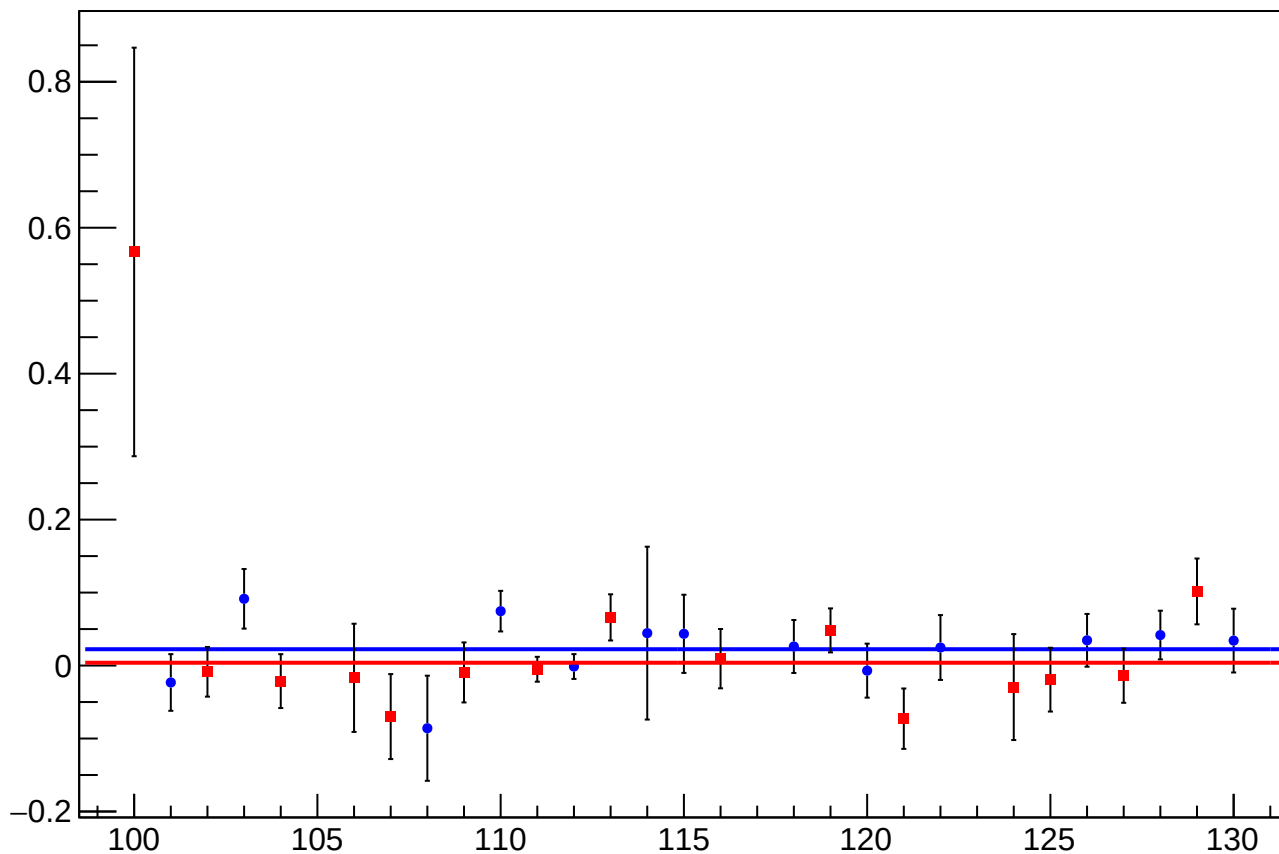
Right: 0.000+/-0.000 χ^2/NDF : 1602171.7/27

In: 0.000+/-0.000 χ^2/NDF : 687758.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1602171.7/27

asym_sam8_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.010 χ^2/NDF : 13.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.009 χ^2/NDF : 21.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

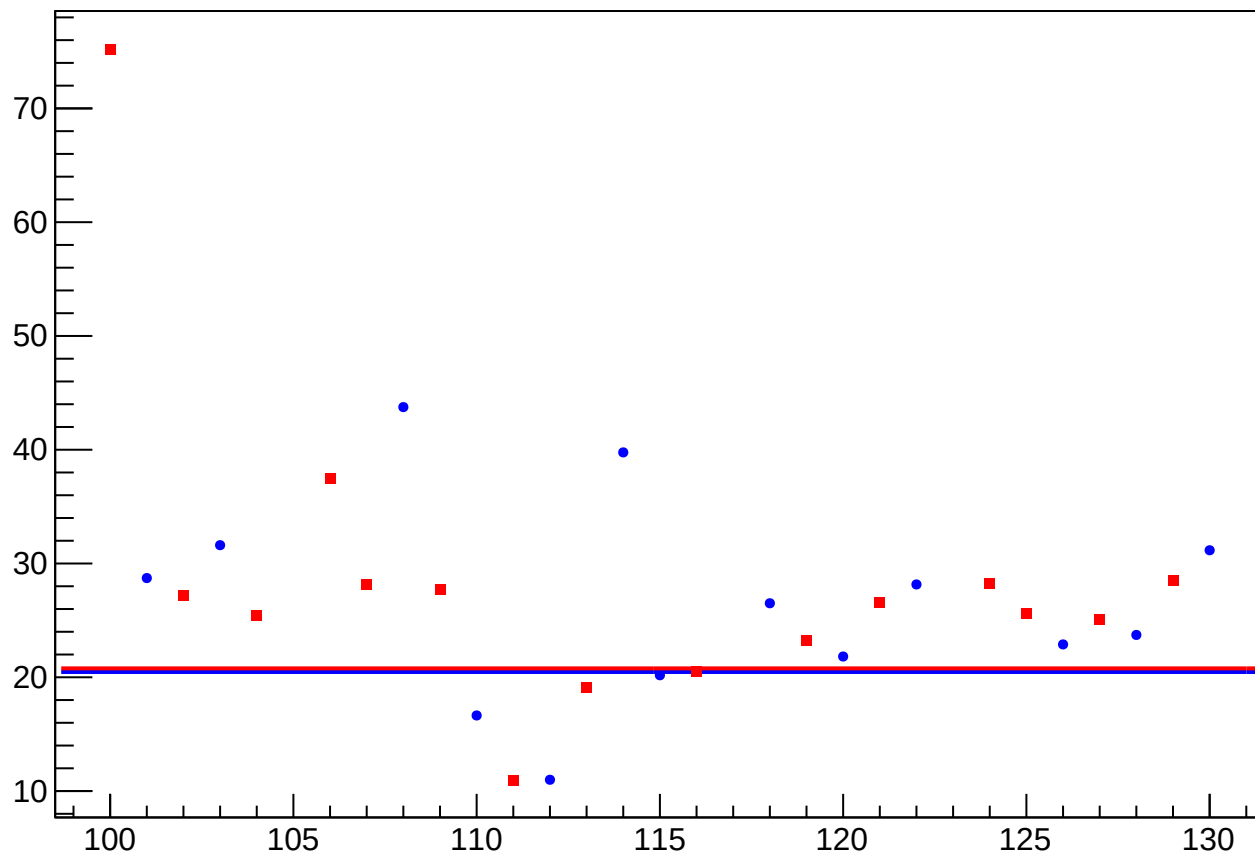
Right: 0.013+/-0.007 χ^2/NDF : 36.8/27

In: 0.022+/-0.010 χ^2/NDF : 13.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.007 χ^2/NDF : 36.8/27

asym_sam8_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.466+/-0.007 χ^2/NDF : 1427140.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 20.782+/-0.007 χ^2/NDF : 1227669.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

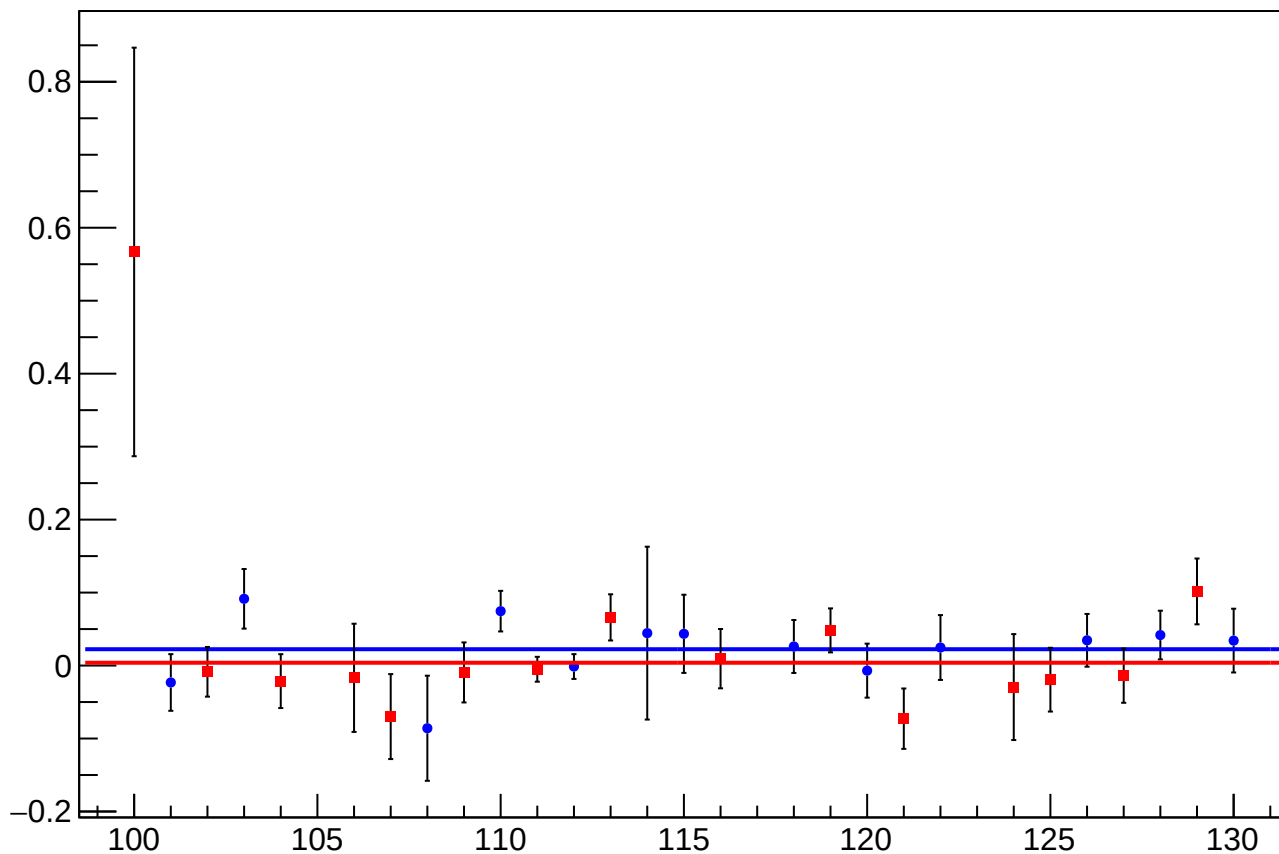
Right: 20.628+/-0.005 χ^2/NDF : 2655917.4/27

In: 20.466+/-0.007 χ^2/NDF :1427140.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20.628+/-0.005 χ^2/NDF : 2655917.4/27

asym_sam8_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.010 χ^2/NDF : 13.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.009 χ^2/NDF : 21.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

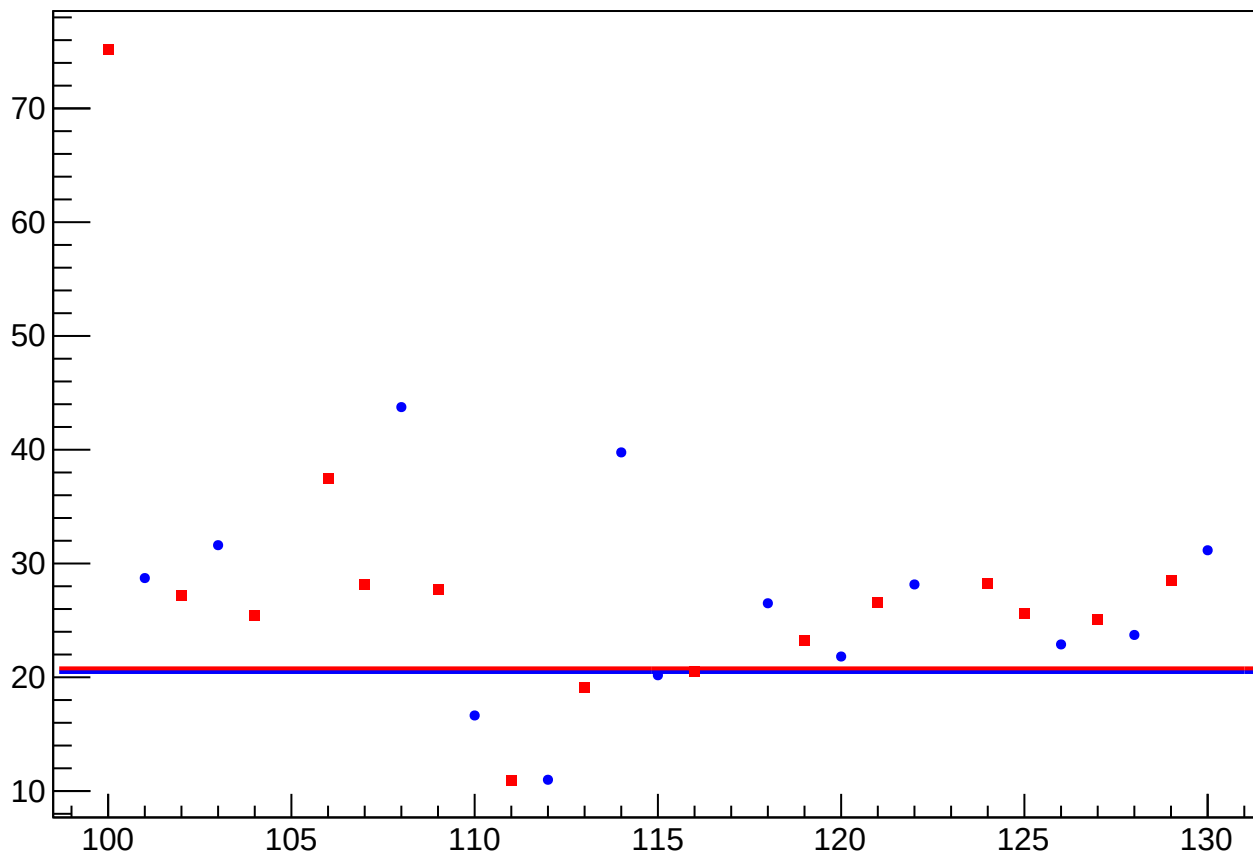
Right: 0.013+/-0.007 χ^2/NDF : 36.8/27

In: 0.022+/-0.010 χ^2/NDF : 13.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.007 χ^2/NDF : 36.8/27

asym_sam8_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.466+/-0.007 χ^2/NDF : 1427140.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 20.782+/-0.007 χ^2/NDF : 1227669.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

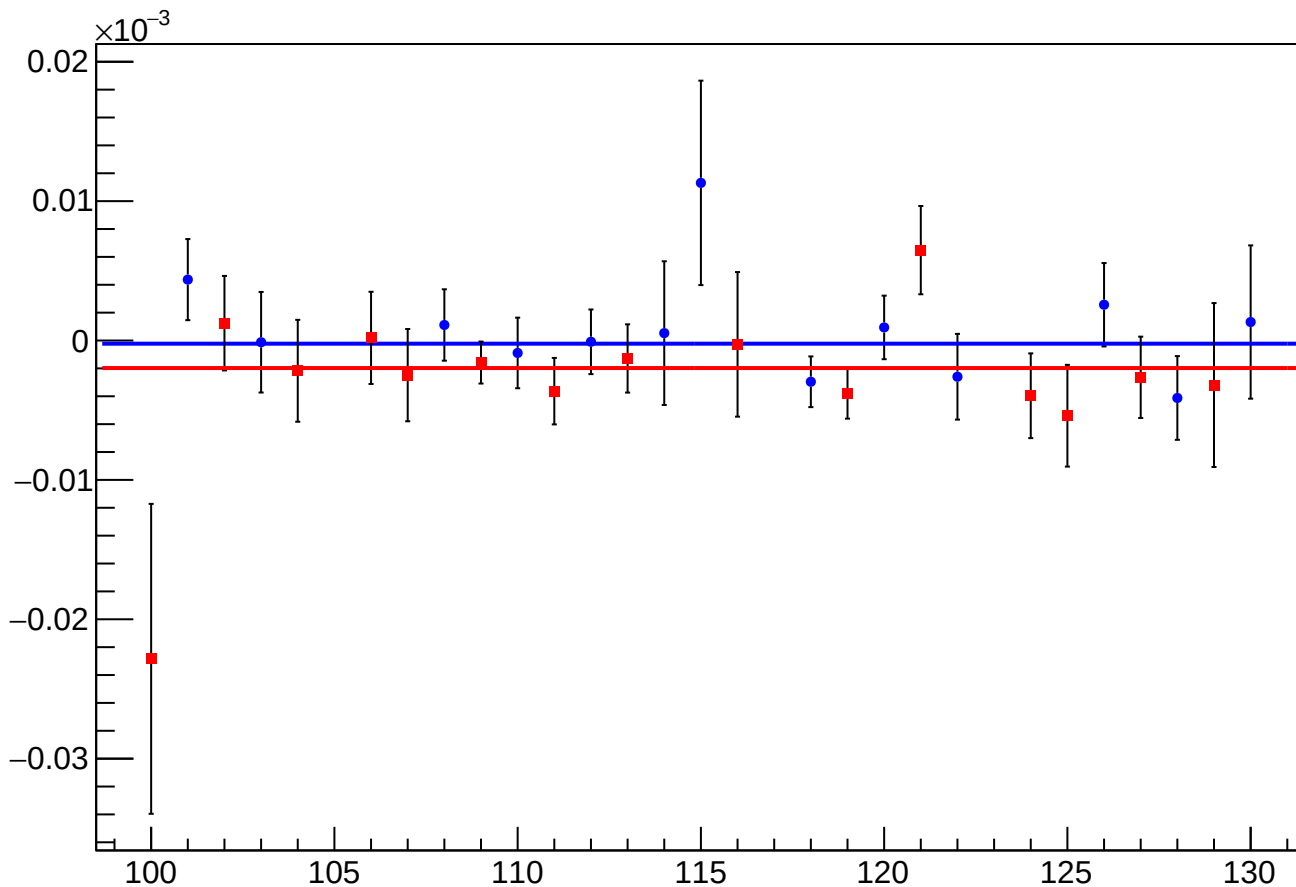
Right: 20.628+/-0.005 χ^2/NDF : 2655917.4/27

In: 20.466+/-0.007 χ^2/NDF :1427140.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20.628+/-0.005 χ^2/NDF : 2655917.4/27

asym_sam8_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

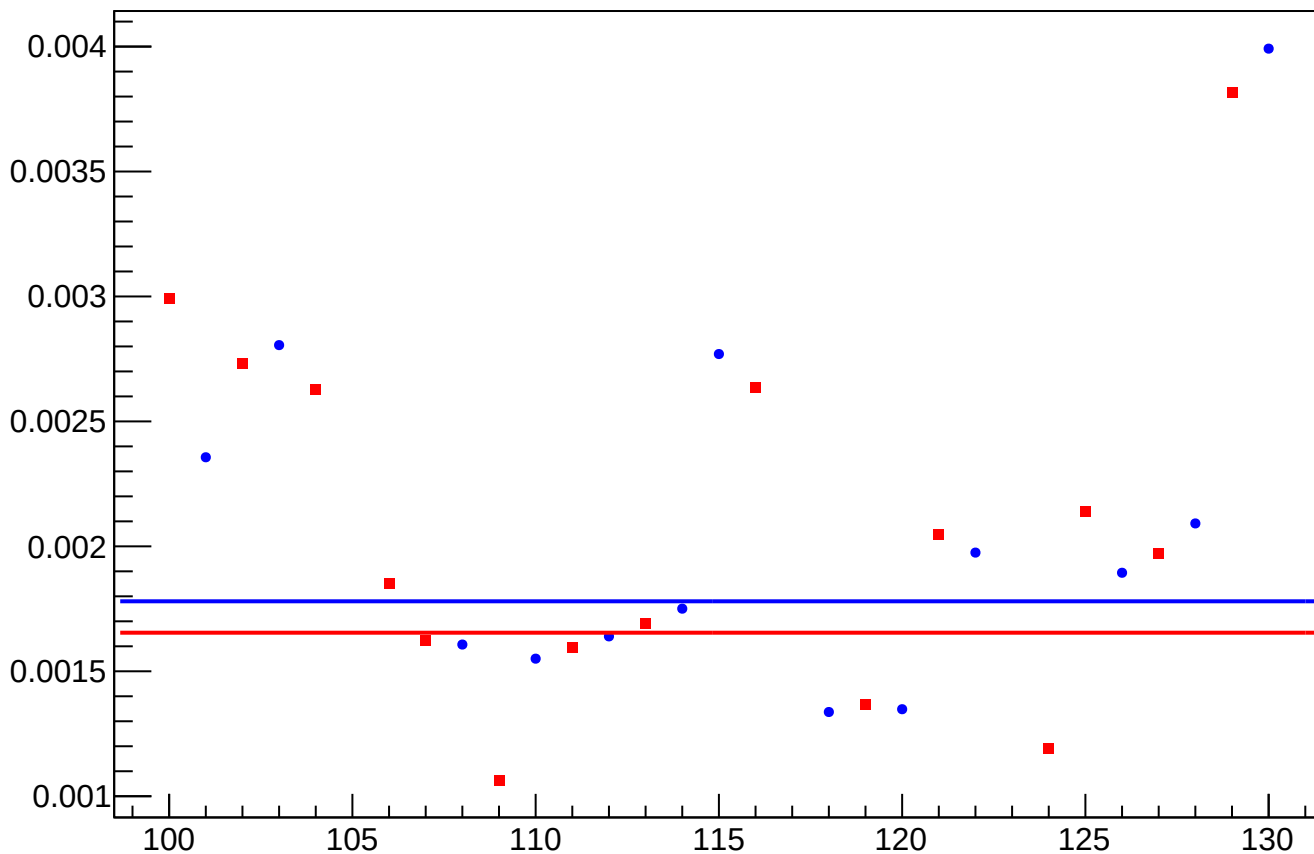
Right: -0.000+/-0.000 χ^2/NDF : 28.9/27

In: -0.000+/-0.000 χ^2/NDF :11.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.9/27

asym_sam8_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 855777.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1218527.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

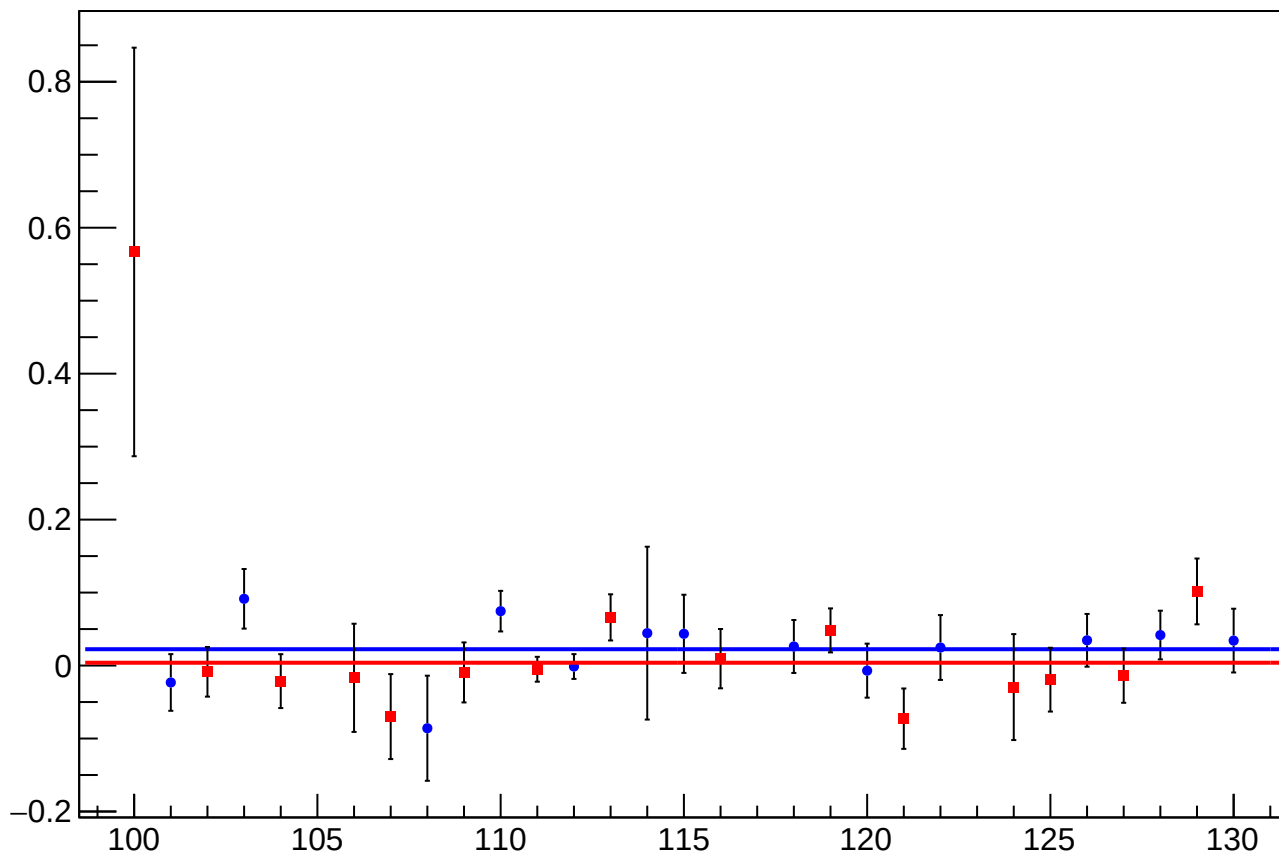
Right: 0.002+/-0.000 χ^2/NDF : 2101840.9/27

In: 0.002+/-0.000 χ^2/NDF :855777.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2101840.9/27

asym_sam8_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.010 χ^2/NDF : 13.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.009 χ^2/NDF : 21.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

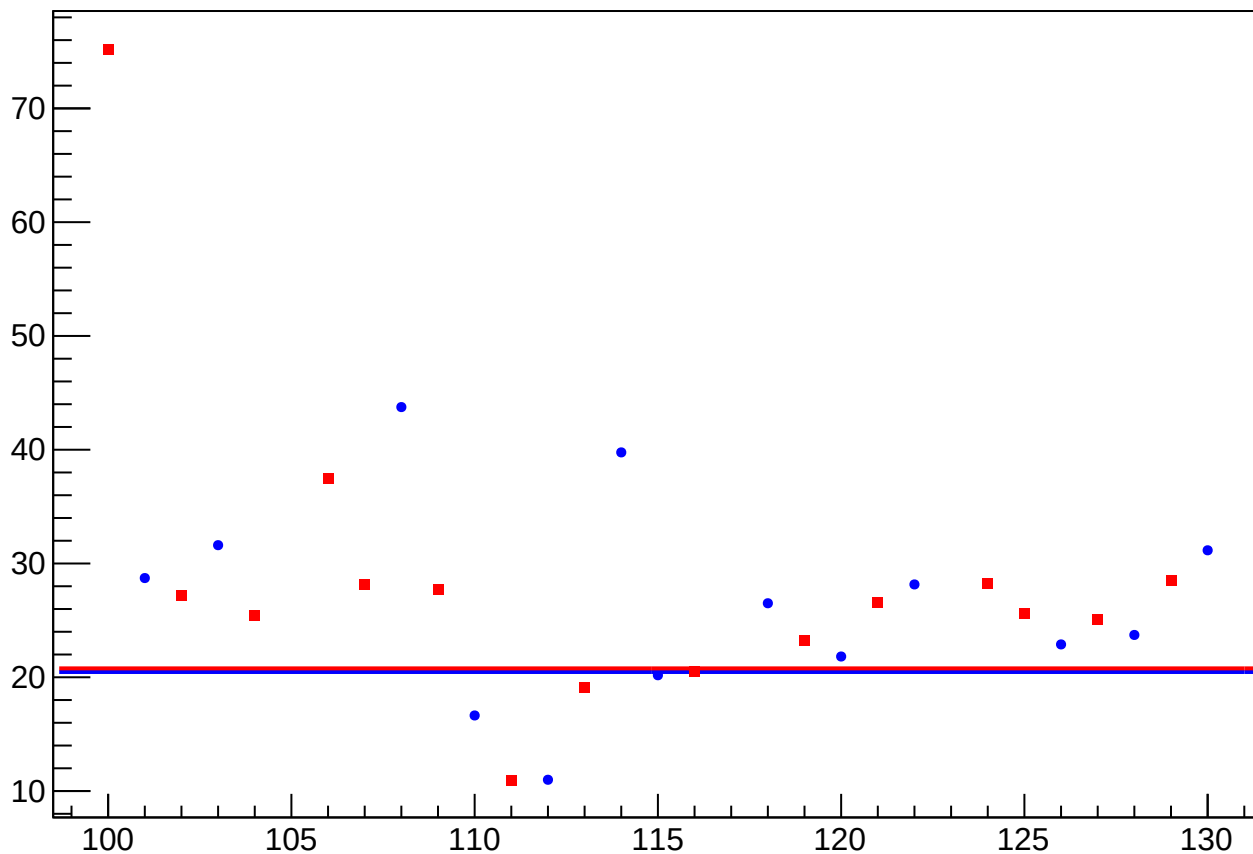
Right: 0.013+/-0.007 χ^2/NDF : 36.8/27

In: 0.022+/-0.010 χ^2/NDF : 13.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.007 χ^2/NDF : 36.8/27

asym_sam8_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.465+/-0.007 χ^2/NDF : 1427252.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 20.781+/-0.007 χ^2/NDF : 1227792.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

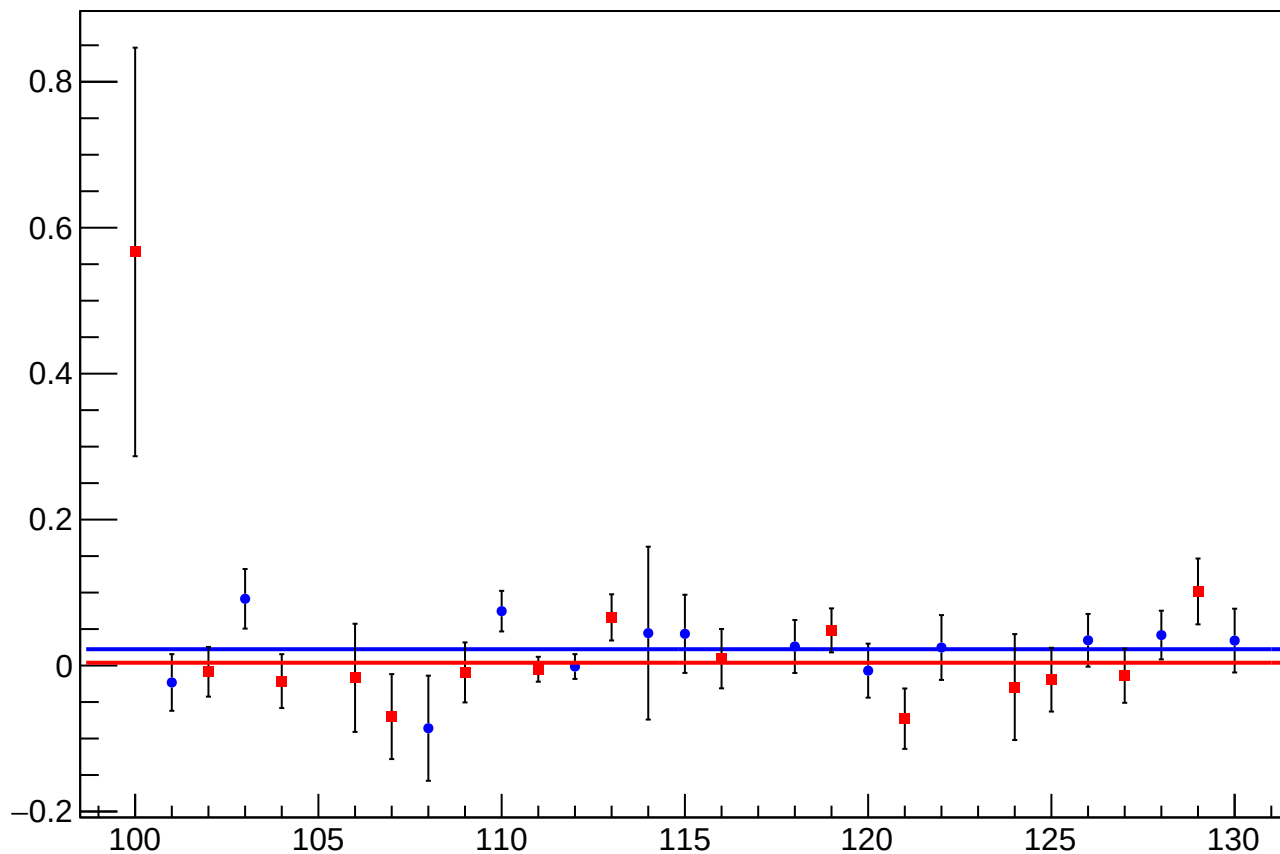
Right: 20.627+/-0.005 χ^2/NDF : 2656151.8/27

In: 20.465+/-0.007 χ^2/NDF :1427252.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20.627+/-0.005 χ^2/NDF : 2656151.8/27

asym_sam8_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022 $\pm$ 0.010 χ^2 /NDF: 13.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.009 χ^2 /NDF: 21.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

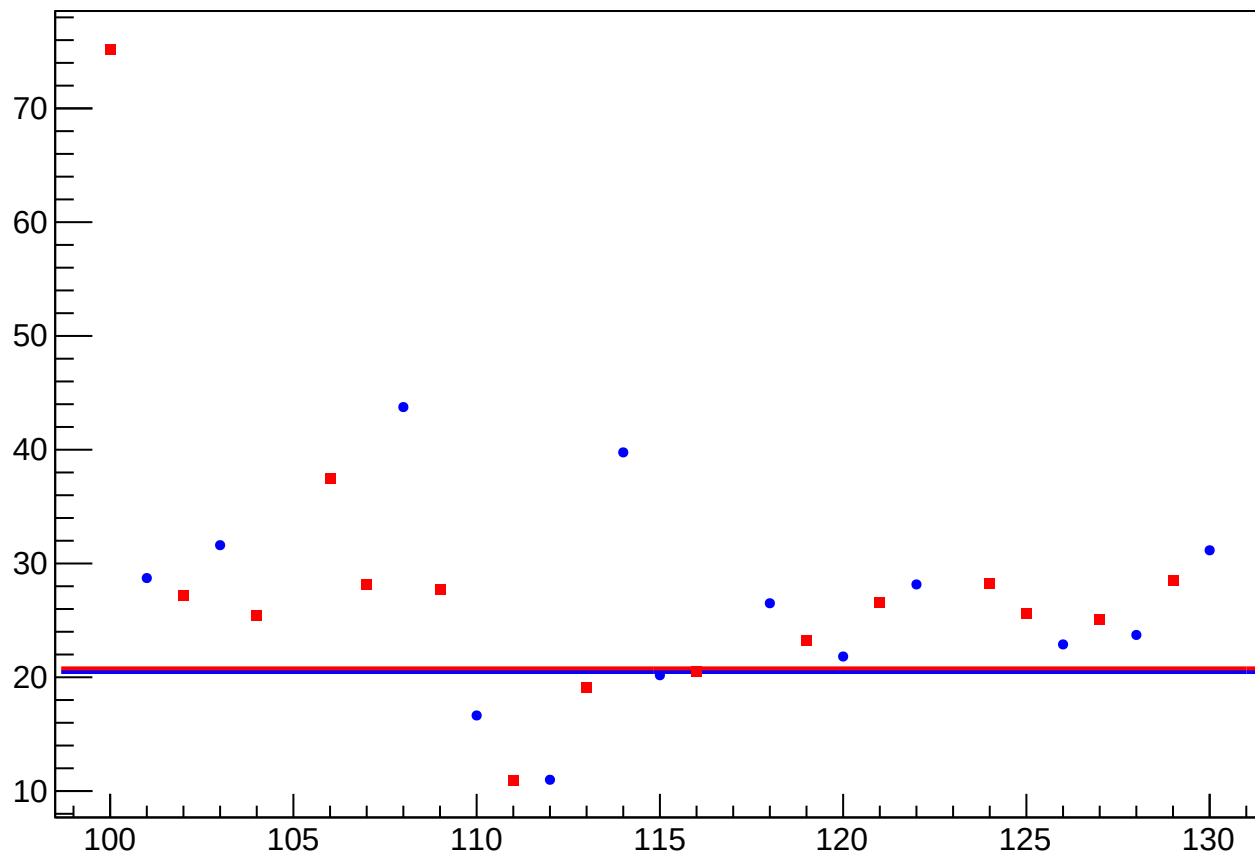
Right: 0.013 $\pm$ 0.007 χ^2 /NDF: 36.8/27

In: 0.022 $\pm$ 0.010 χ^2 /NDF:13.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.013 $\pm$ 0.007 χ^2 /NDF: 36.8/27

asym_sam8_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.465+/-0.007 χ^2/NDF : 1427252.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 20.781+/-0.007 χ^2/NDF : 1227792.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

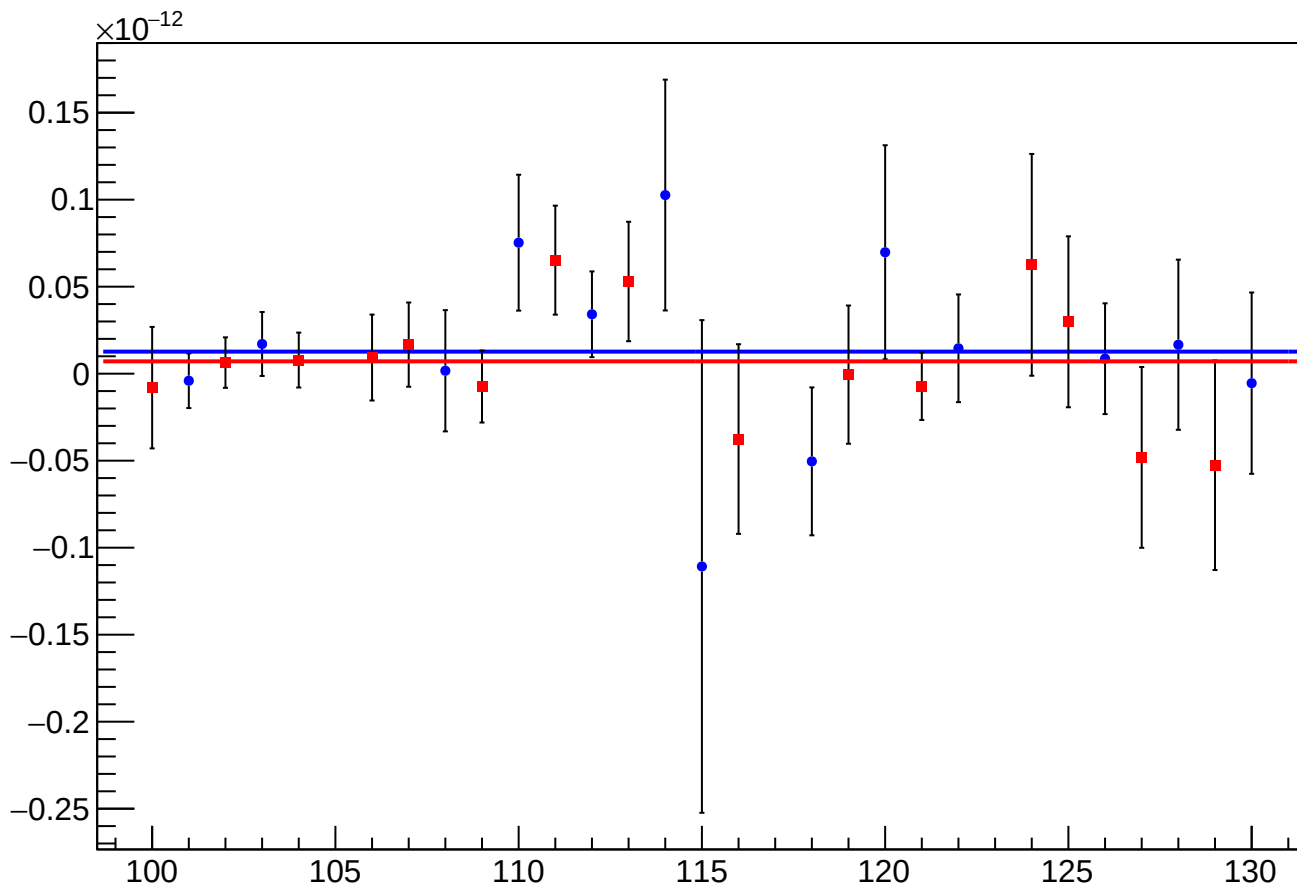
Right: 20.627+/-0.005 χ^2/NDF : 2656151.8/27

In: 20.465+/-0.007 χ^2/NDF :1427252.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20.627+/-0.005 χ^2/NDF : 2656151.8/27

asym_sam8_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

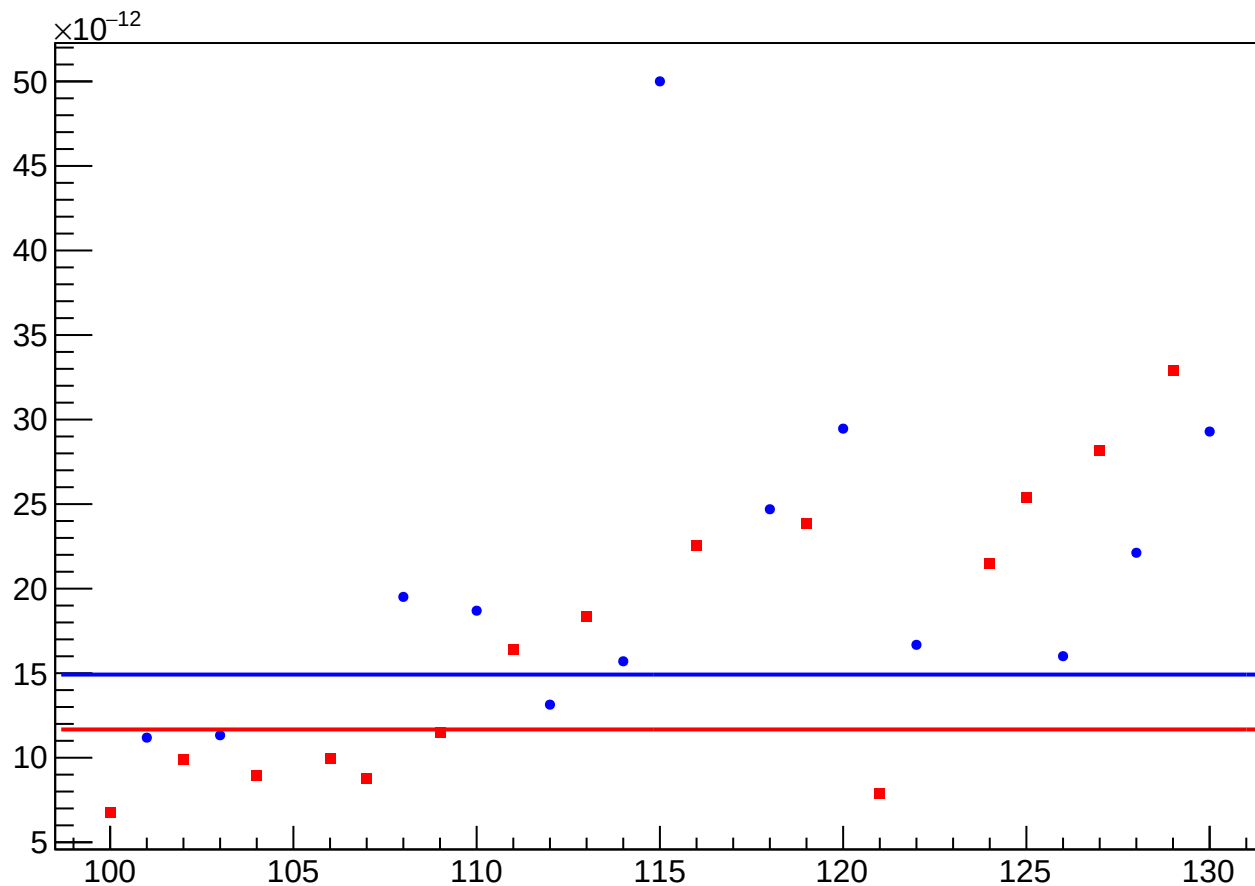
Right: 0.000+/-0.000 χ^2/NDF : 21.1/27

In: 0.000+/-0.000 χ^2/NDF : 10.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.1/27

asym_sam8_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 798215.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1288618.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

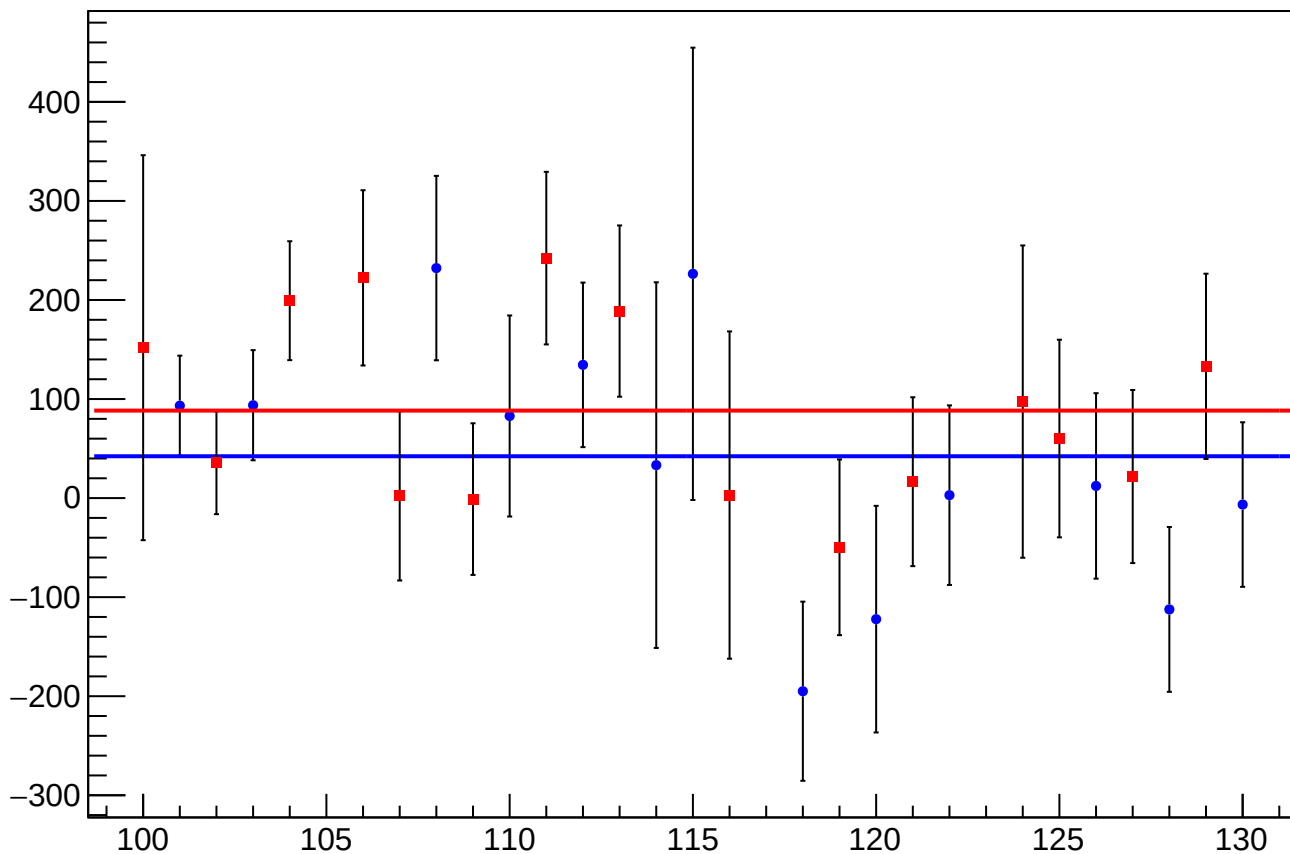
Right: 0.000+/-0.000 χ^2/NDF : 2267840.9/27

In: 0.000+/-0.000 χ^2/NDF : 798215.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2267840.9/27

reg_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 42.245+/-23.279 χ^2/NDF : 21.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.344+/-22.007 χ^2/NDF : 18.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

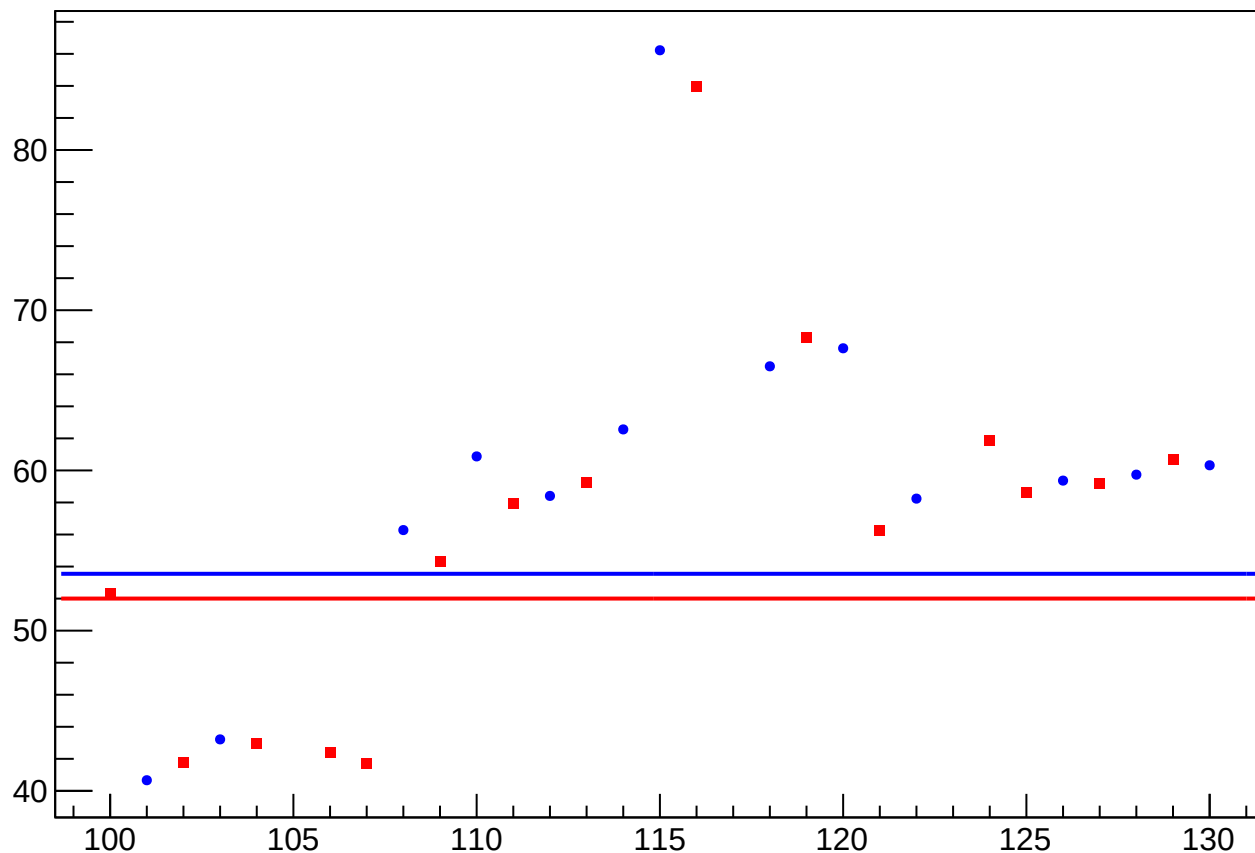
Right: 66.588+/-15.992 χ^2/NDF : 41.2/27

In: 42.245+/-23.279 χ^2/NDF : 21.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.588+/-15.992 χ^2/NDF : 41.2/27

reg_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 53.549 $\pm$ 0.016 χ^2 /NDF: 372673.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 52.003 $\pm$ 0.016 χ^2 /NDF: 395744.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

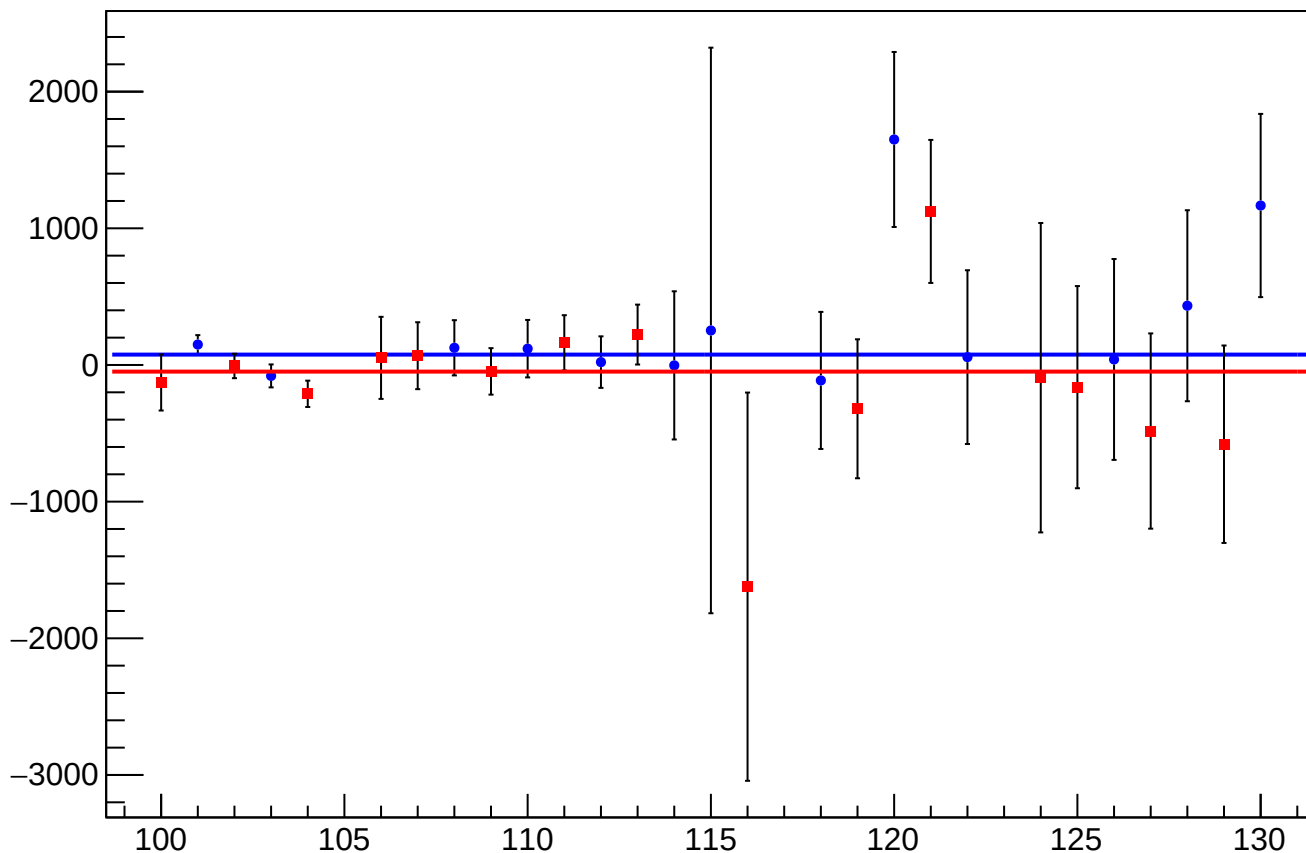
Right: 52.732 $\pm$ 0.011 χ^2 /NDF: 773075.1/27

In: 53.549 $\pm$ 0.016 χ^2 /NDF:372673.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 52.732 $\pm$ 0.011 χ^2 /NDF: 773075.1/27

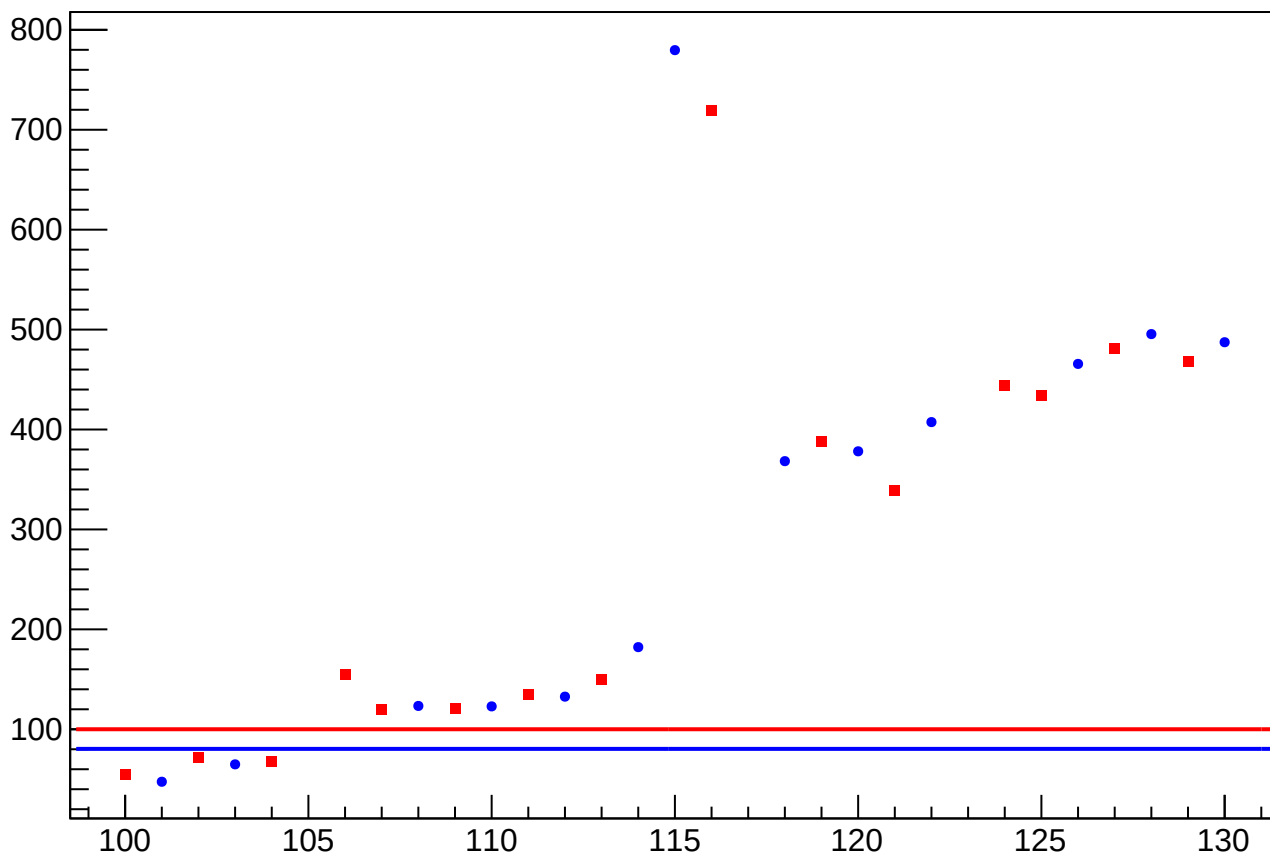
asym_sam_15_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 75.929+/-47.298 χ^2/NDF : 13.9/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -48.490+/-51.325 χ^2/NDF : 13.6/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 18.790+/-34.782 χ^2/NDF : 30.7/27
 In: 75.929+/-47.298 χ^2/NDF : 13.9/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 18.790+/-34.782 χ^2/NDF : 30.7/27

asym_sam_15_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 80.372+/-0.033 χ^2/NDF : 4764283.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 100.023+/-0.036 χ^2/NDF : 3928344.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

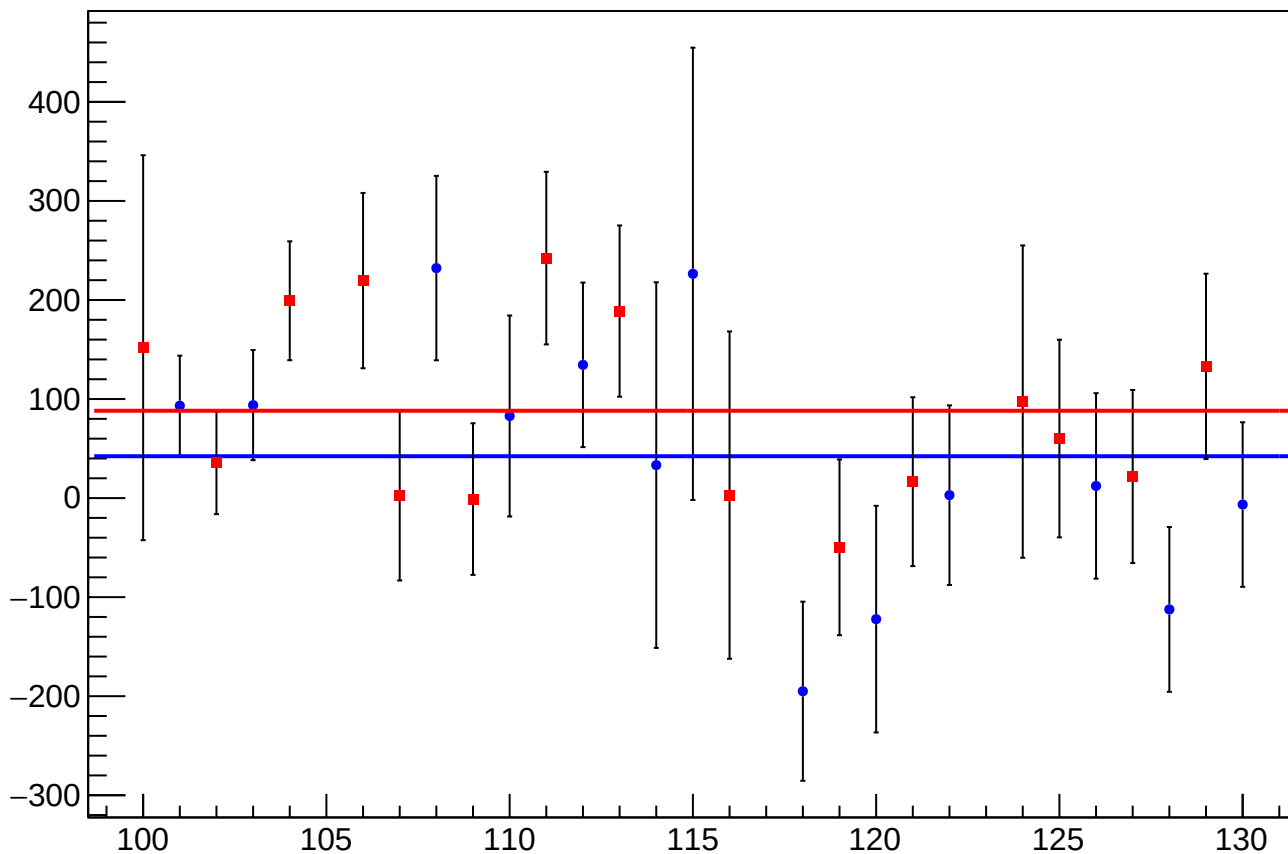
Right: 89.397+/-0.025 χ^2/NDF : 8851159.7/27

In: 80.372+/-0.033 χ^2/NDF :4764283.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 89.397+/-0.025 χ^2/NDF : 8851159.7/27

cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 42.259+/-23.279 χ^2/NDF : 21.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.176+/-22.009 χ^2/NDF : 17.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

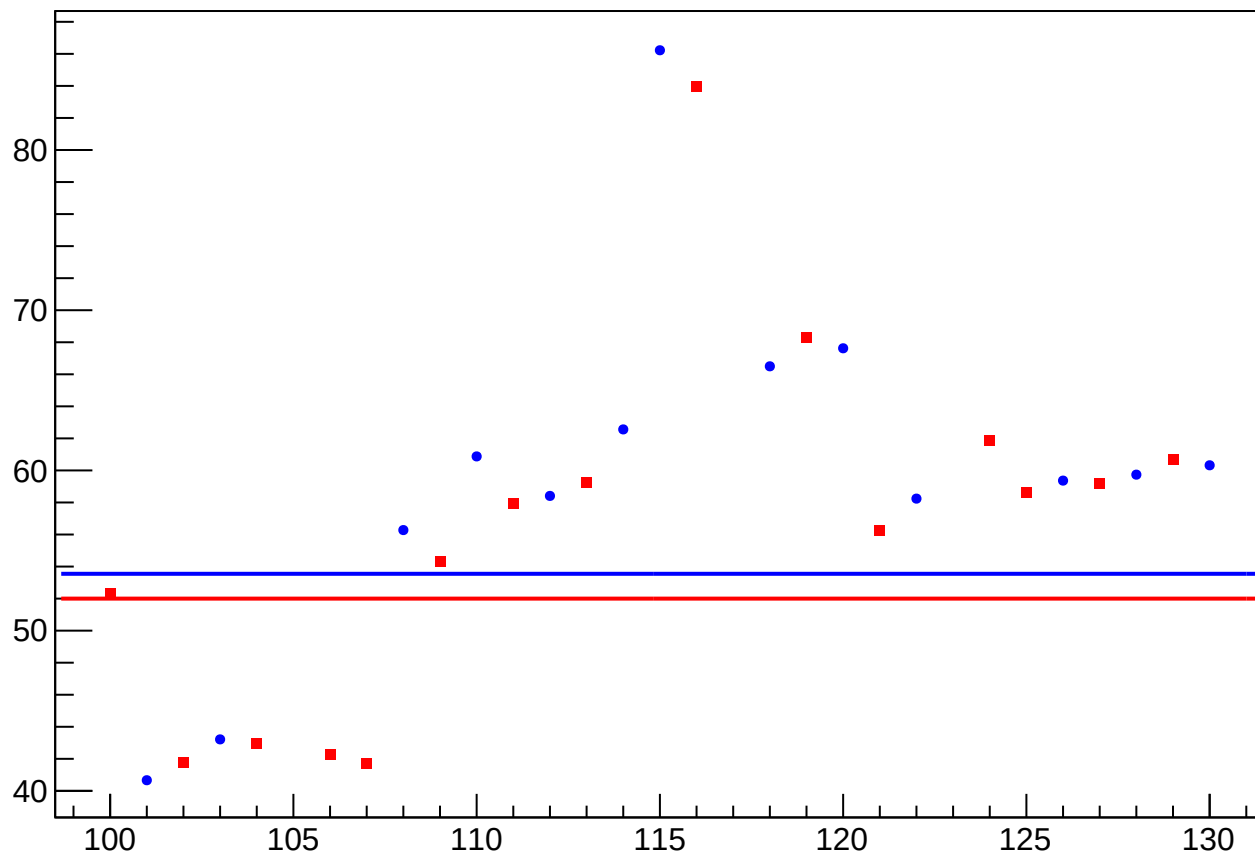
Right: 66.505+/-15.993 χ^2/NDF : 41.1/27

In: 42.259+/-23.279 χ^2/NDF : 21.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.505+/-15.993 χ^2/NDF : 41.1/27

cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 53.549+/-0.016 χ^2/NDF : 372672.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.000+/-0.016 χ^2/NDF : 396031.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

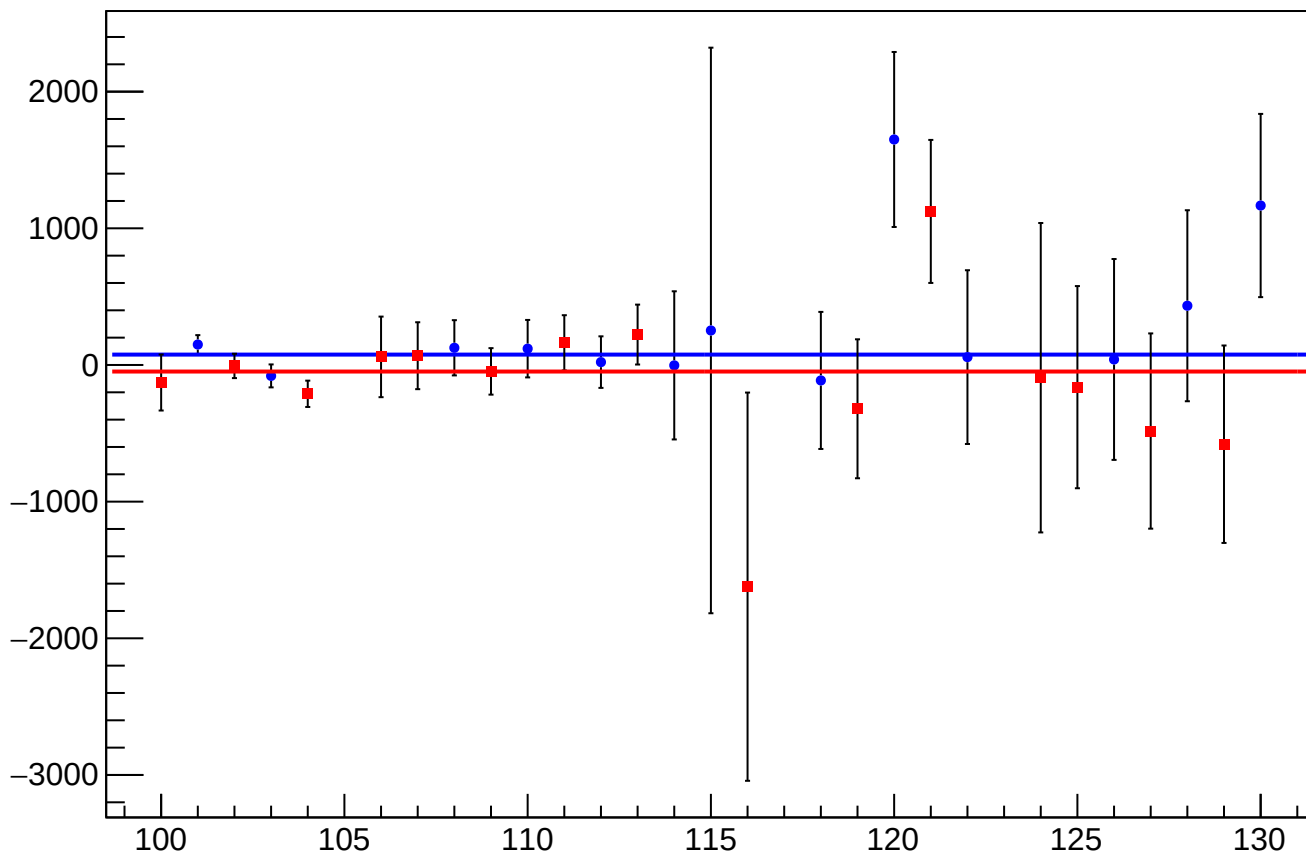
Right: 52.731+/-0.011 χ^2/NDF : 773378.6/27

In: 53.549+/-0.016 χ^2/NDF : 372672.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.731+/-0.011 χ^2/NDF : 773378.6/27

asym_sam_15_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 75.932+/-47.297 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -47.992+/-51.279 χ^2/NDF : 13.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

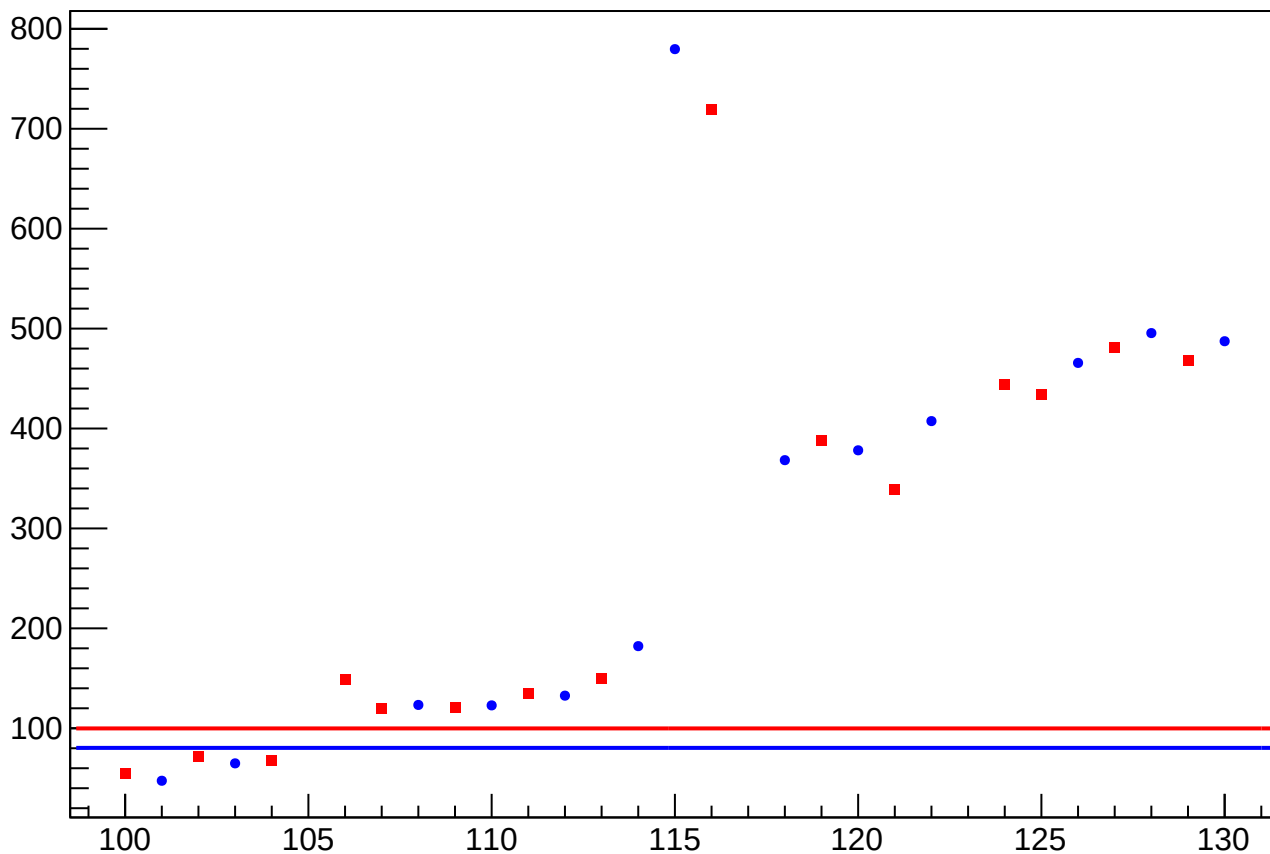
Right: 18.968+/-34.767 χ^2/NDF : 30.7/27

In: 75.932+/-47.297 χ^2/NDF : 13.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.968+/-34.767 χ^2/NDF : 30.7/27

asym_sam_15_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 80.370+/-0.033 χ^2/NDF : 4764327.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.852+/-0.036 χ^2/NDF : 3918098.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

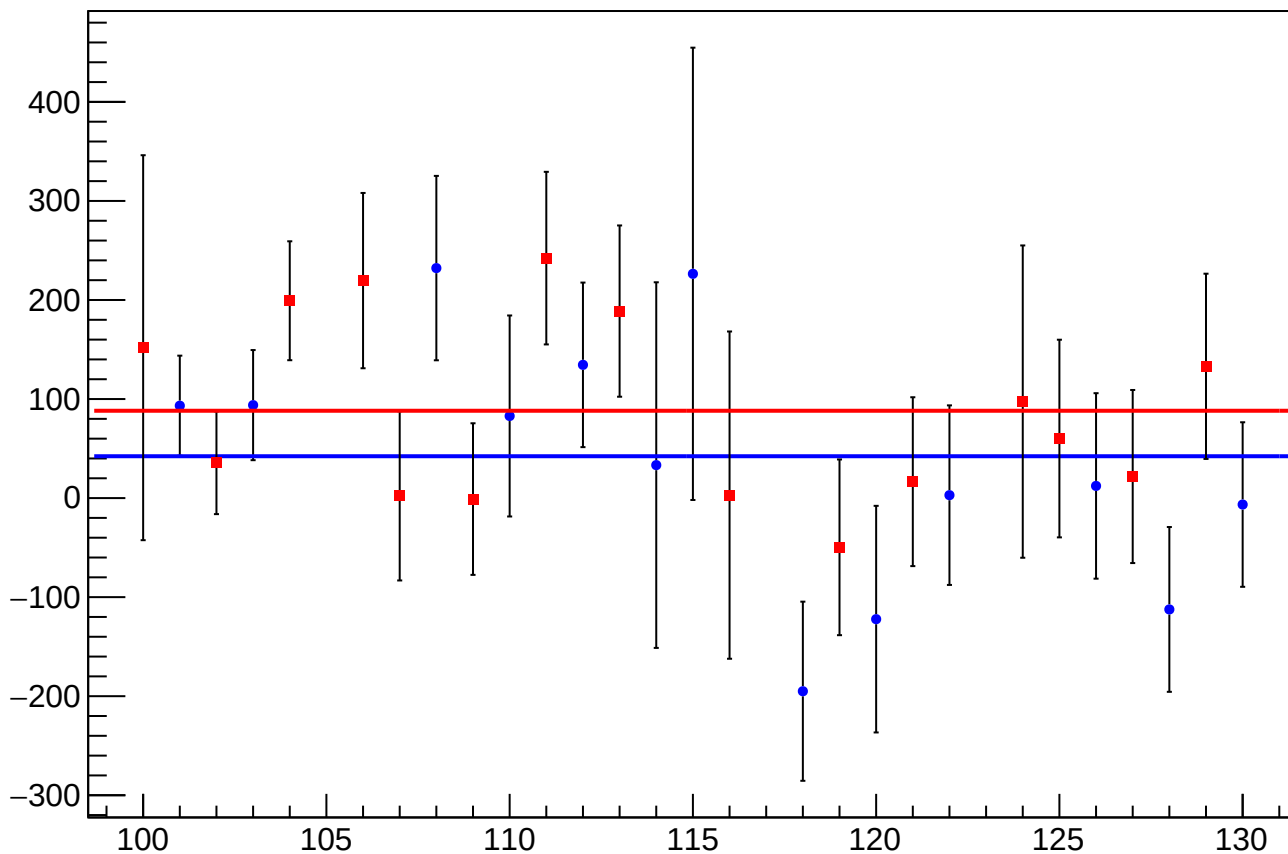
Right: 89.325+/-0.025 χ^2/NDF : 8838395.7/27

In: 80.370+/-0.033 χ^2/NDF : 4764327.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.325+/-0.025 χ^2/NDF : 8838395.7/27

eigen_cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 42.259+/-23.279 χ^2/NDF : 21.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.176+/-22.009 χ^2/NDF : 17.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

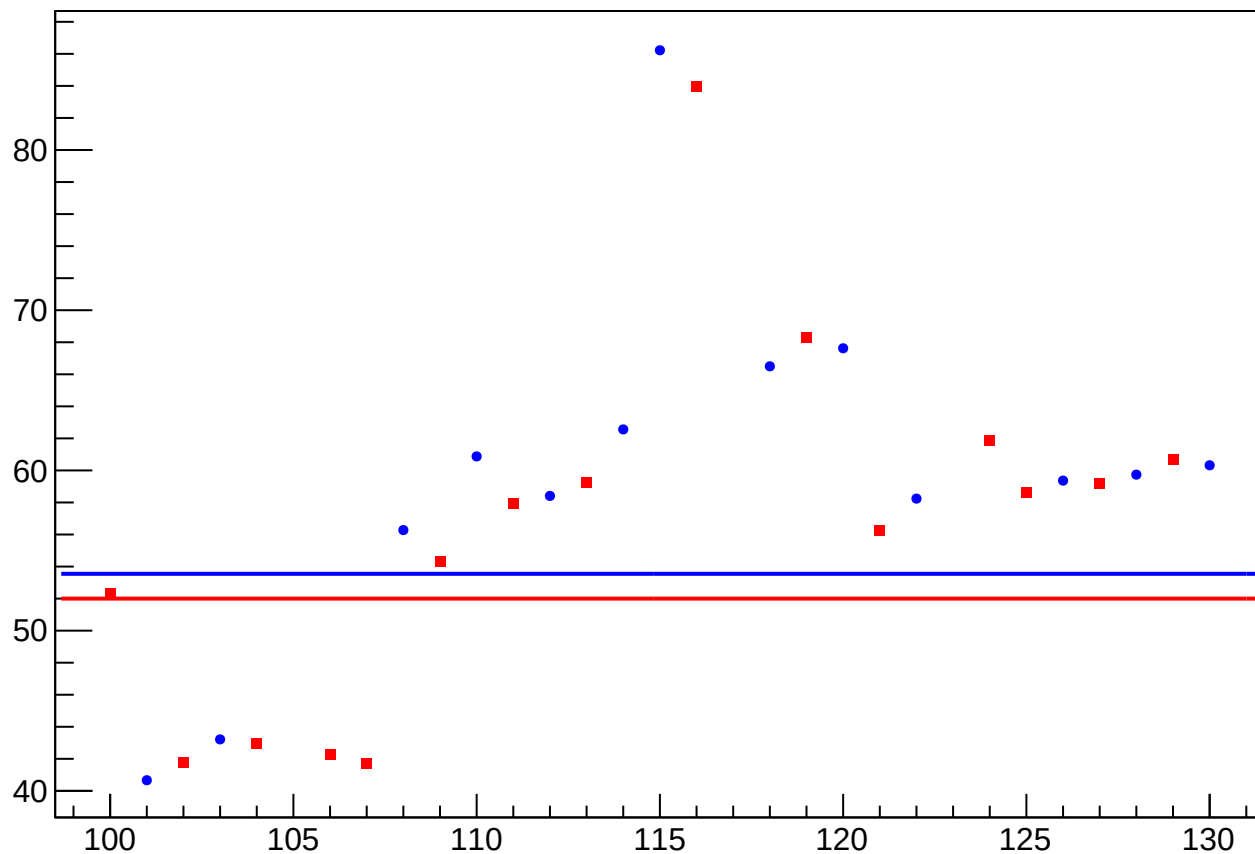
Right: 66.505+/-15.993 χ^2/NDF : 41.1/27

In: 42.259+/-23.279 χ^2/NDF : 21.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.505+/-15.993 χ^2/NDF : 41.1/27

eigen_cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 53.549+/-0.016 χ^2/NDF : 372672.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.000+/-0.016 χ^2/NDF : 396031.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

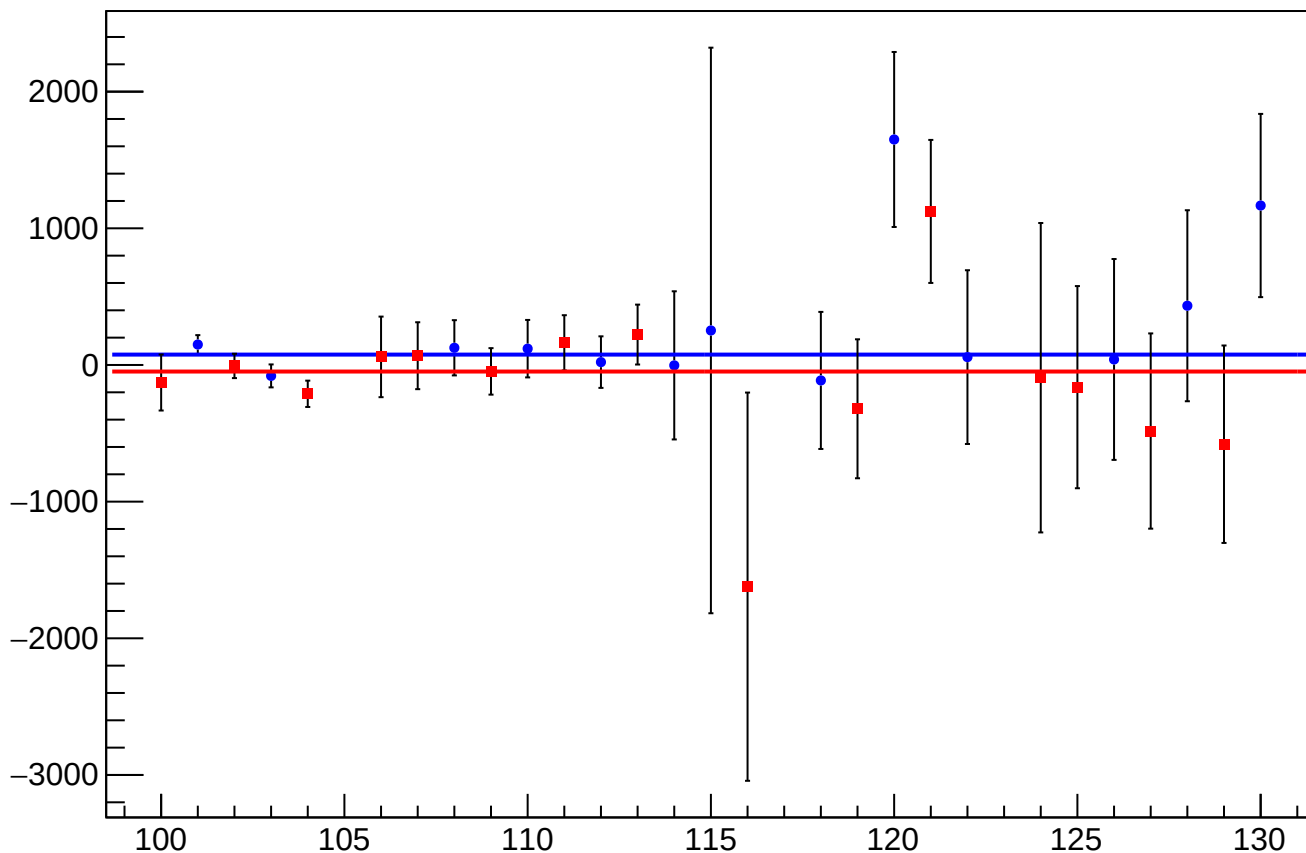
Right: 52.731+/-0.011 χ^2/NDF : 773378.6/27

In: 53.549+/-0.016 χ^2/NDF : 372672.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.731+/-0.011 χ^2/NDF : 773378.6/27

asym_sam_15_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 75.932+/-47.297 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -47.992+/-51.279 χ^2/NDF : 13.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

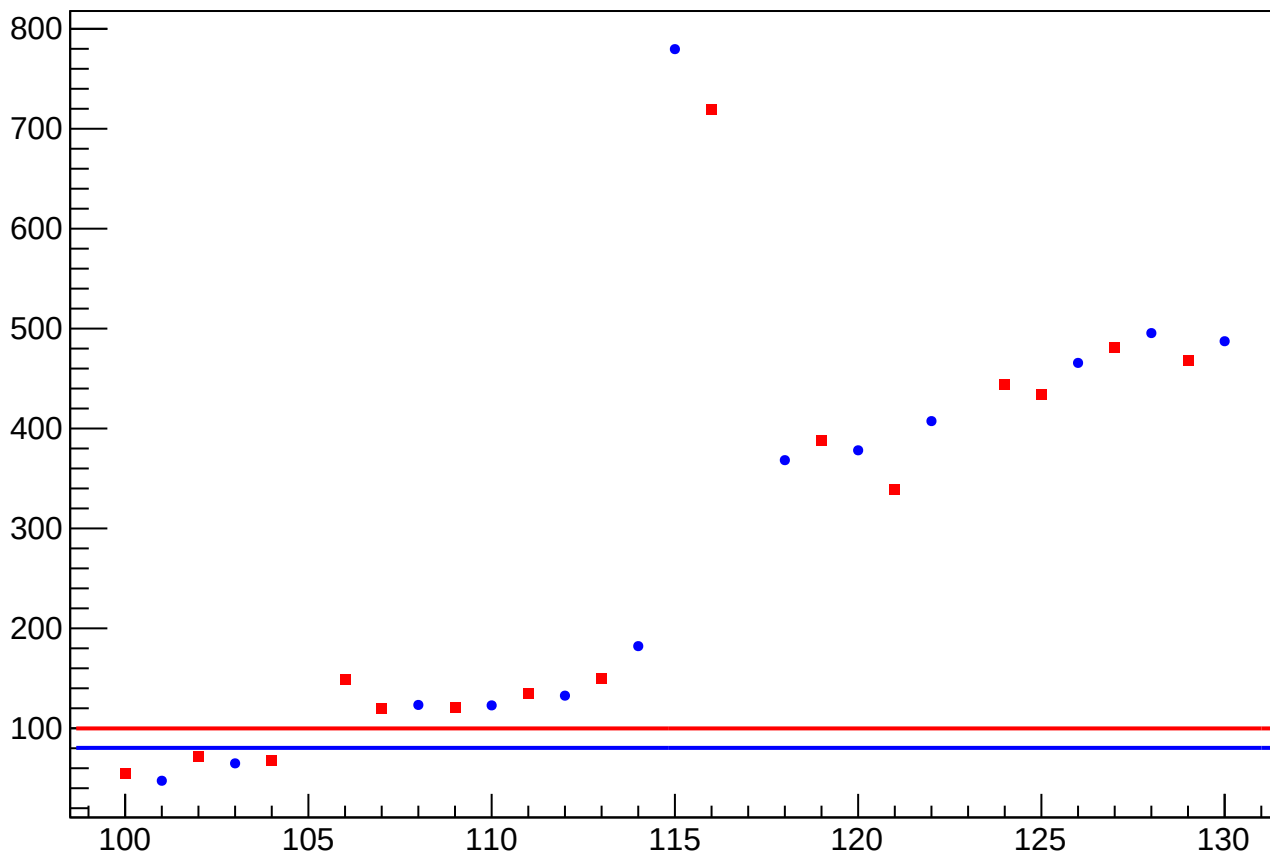
Right: 18.968+/-34.767 χ^2/NDF : 30.7/27

In: 75.932+/-47.297 χ^2/NDF : 13.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.968+/-34.767 χ^2/NDF : 30.7/27

asym_sam_15_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 80.370+/-0.033 χ^2/NDF : 4764327.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.852+/-0.036 χ^2/NDF : 3918098.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

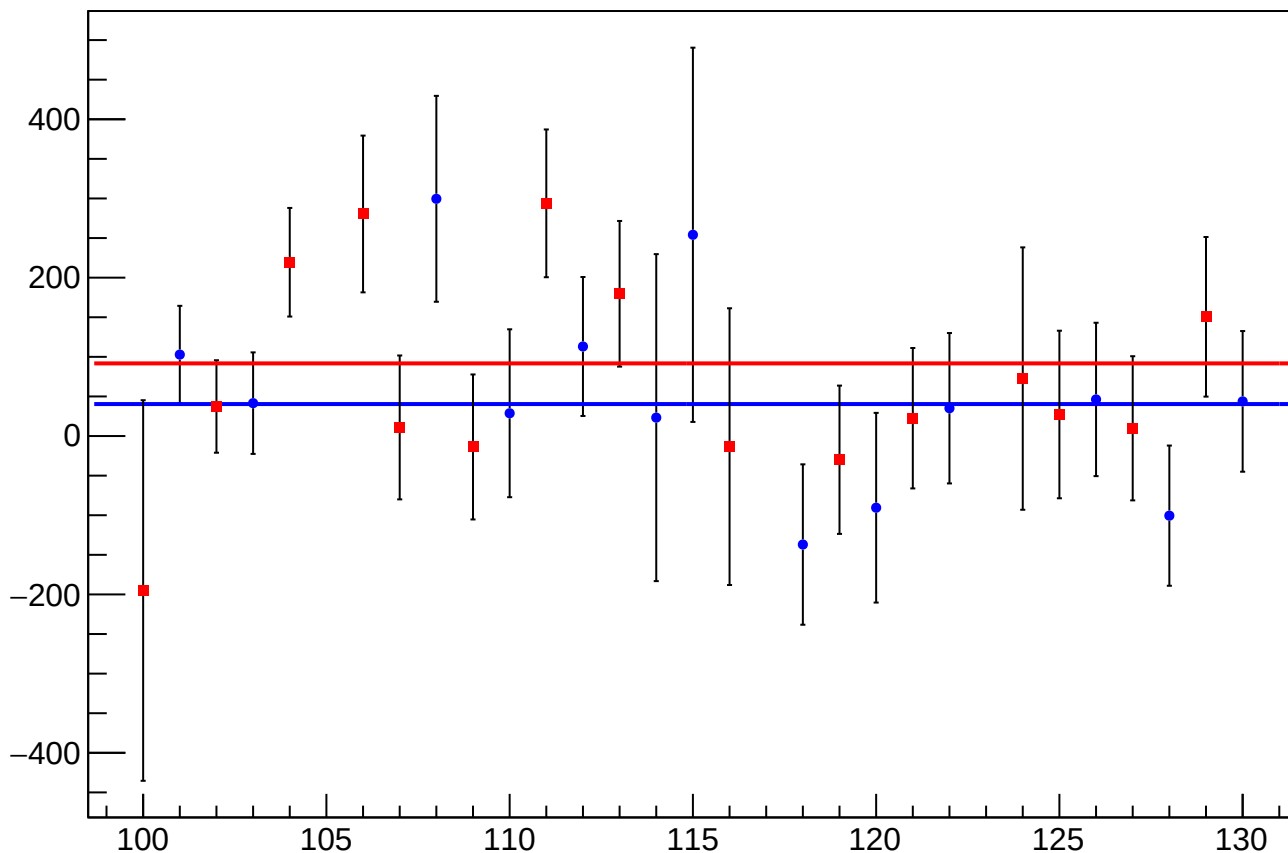
Right: 89.325+/-0.025 χ^2/NDF : 8838395.7/27

In: 80.370+/-0.033 χ^2/NDF : 4764327.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.325+/-0.025 χ^2/NDF : 8838395.7/27

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 40.382 $\pm$ 26.119 χ^2 /NDF: 13.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 91.748 $\pm$ 24.126 χ^2 /NDF: 21.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

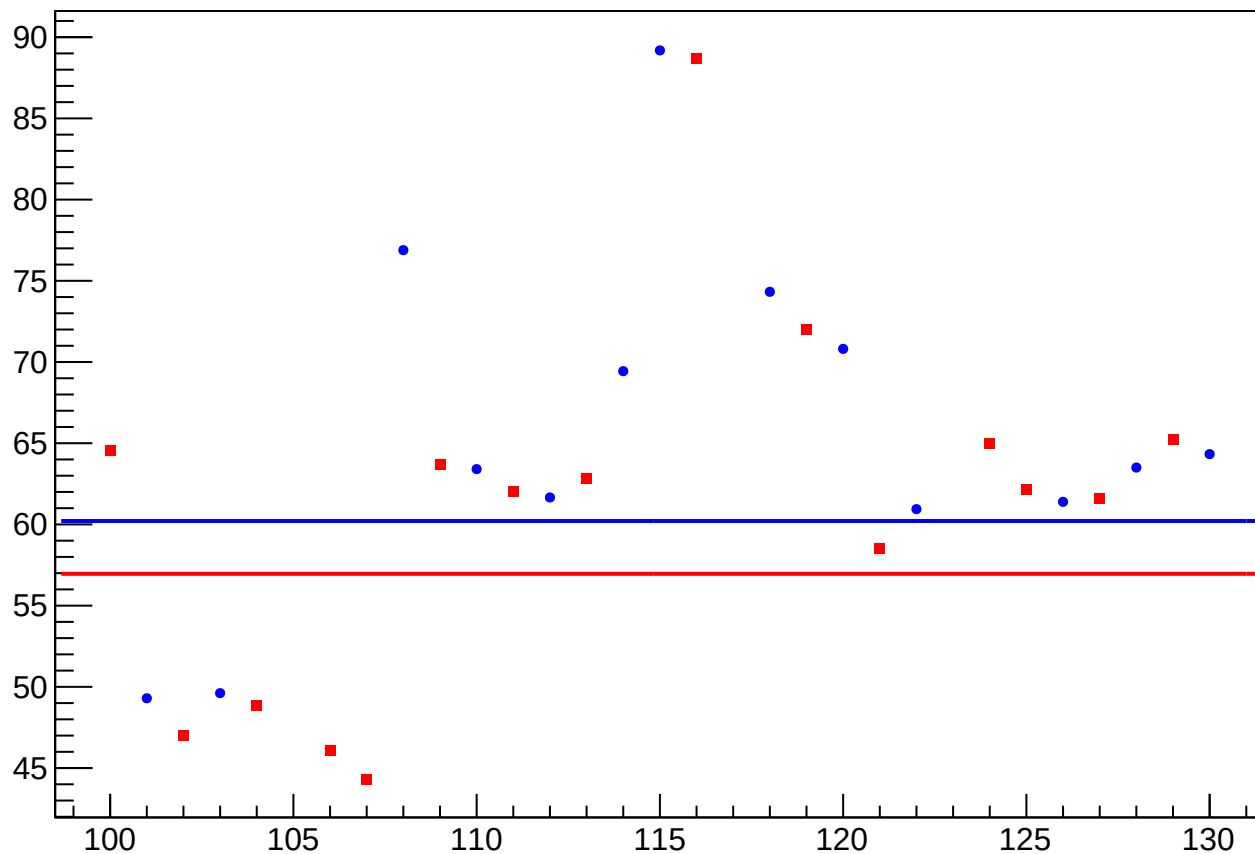
Right: 68.099 $\pm$ 17.722 χ^2 /NDF: 36.7/27

In: 40.382 $\pm$ 26.119 χ^2 /NDF:13.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 68.099 $\pm$ 17.722 χ^2 /NDF: 36.7/27

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.211+/-0.018 χ^2/NDF : 248843.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 56.961+/-0.017 χ^2/NDF : 322757.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

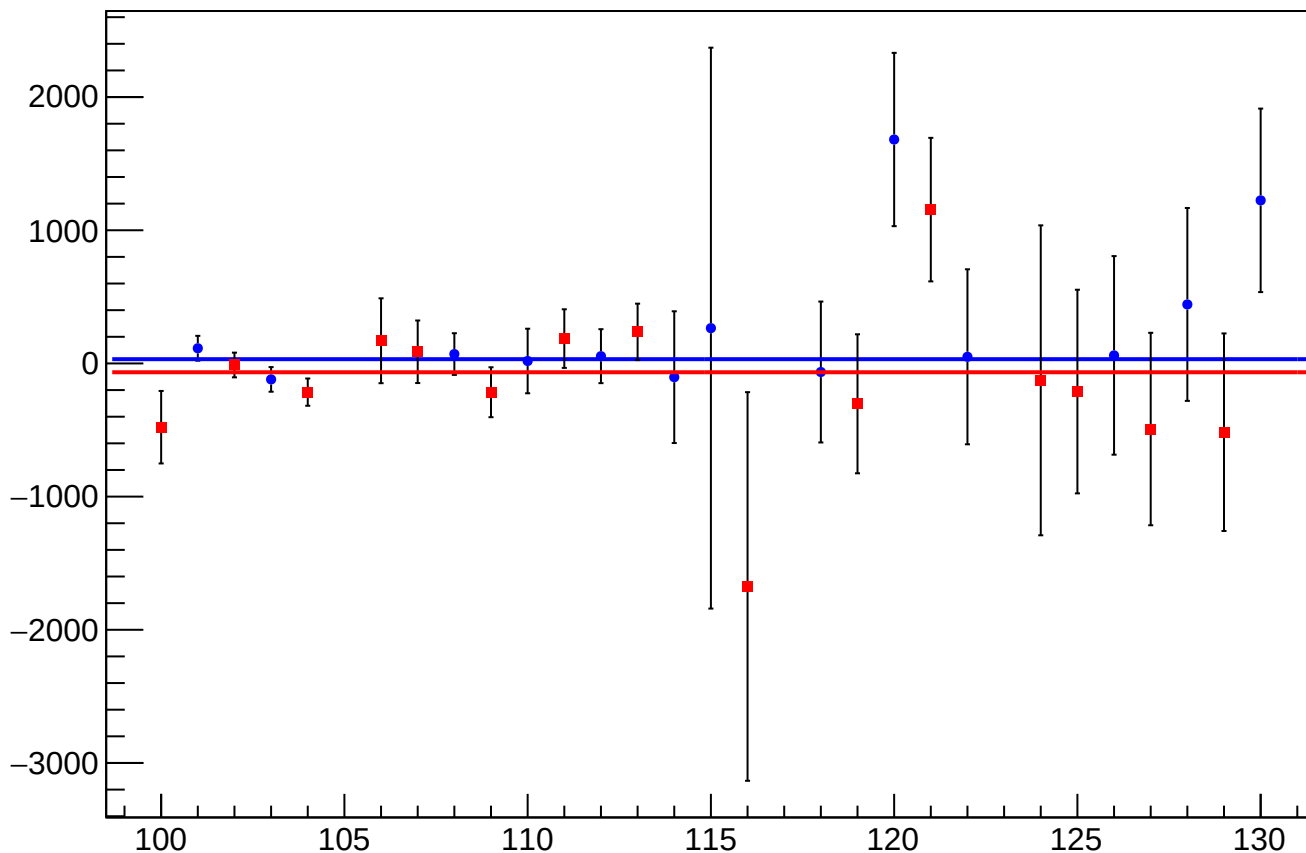
Right: 58.457+/-0.013 χ^2/NDF : 588310.7/27

In: 60.211+/-0.018 χ^2/NDF :248843.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 58.457+/-0.013 χ^2/NDF : 588310.7/27

asym_sam_15_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 31.953+/-54.844 χ^2/NDF : 13.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -66.239+/-54.386 χ^2/NDF : 17.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

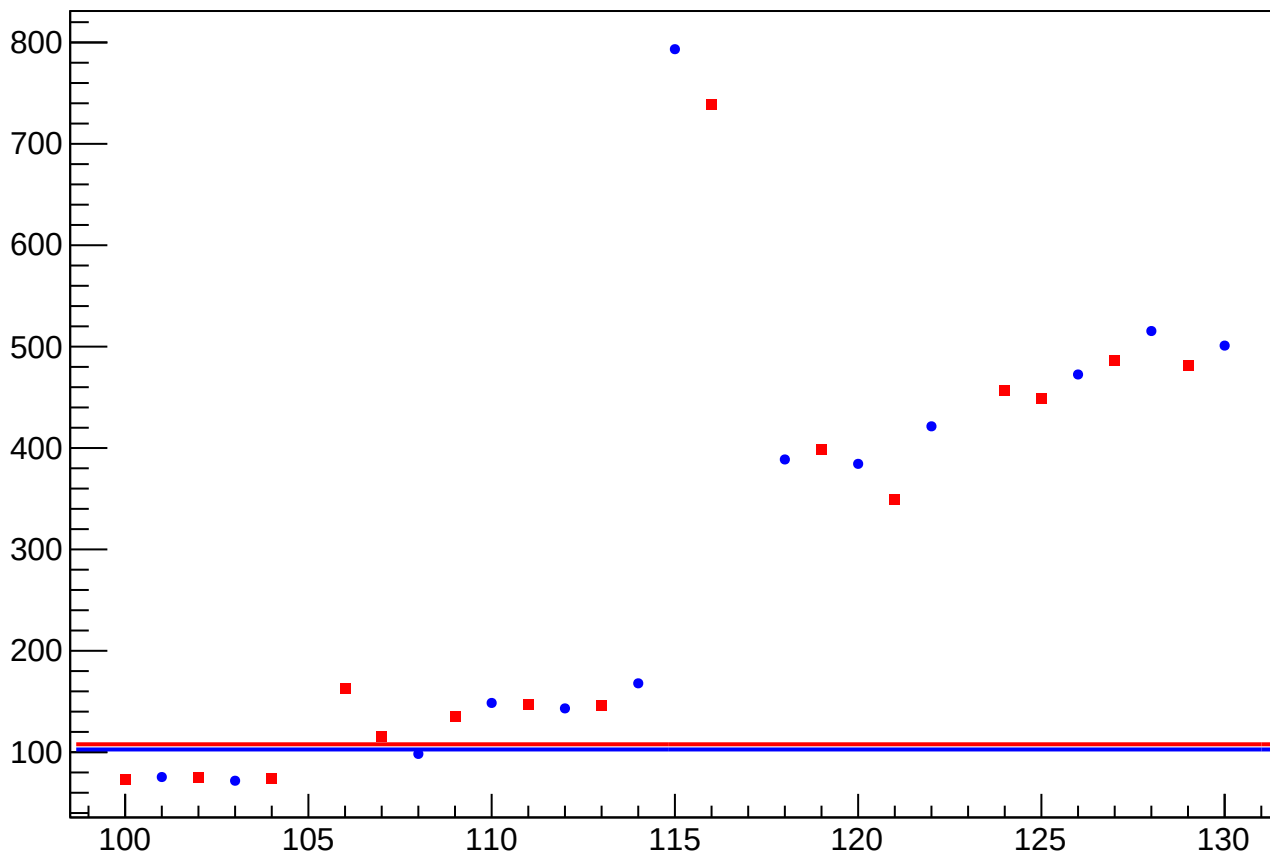
Right: -17.554+/-38.618 χ^2/NDF : 32.1/27

In: 31.953+/-54.844 χ^2/NDF : 13.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.554+/-38.618 χ^2/NDF : 32.1/27

asym_sam_15_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 102.682+/-0.039 χ^2/NDF : 4035615.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 107.799+/-0.038 χ^2/NDF : 3774019.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

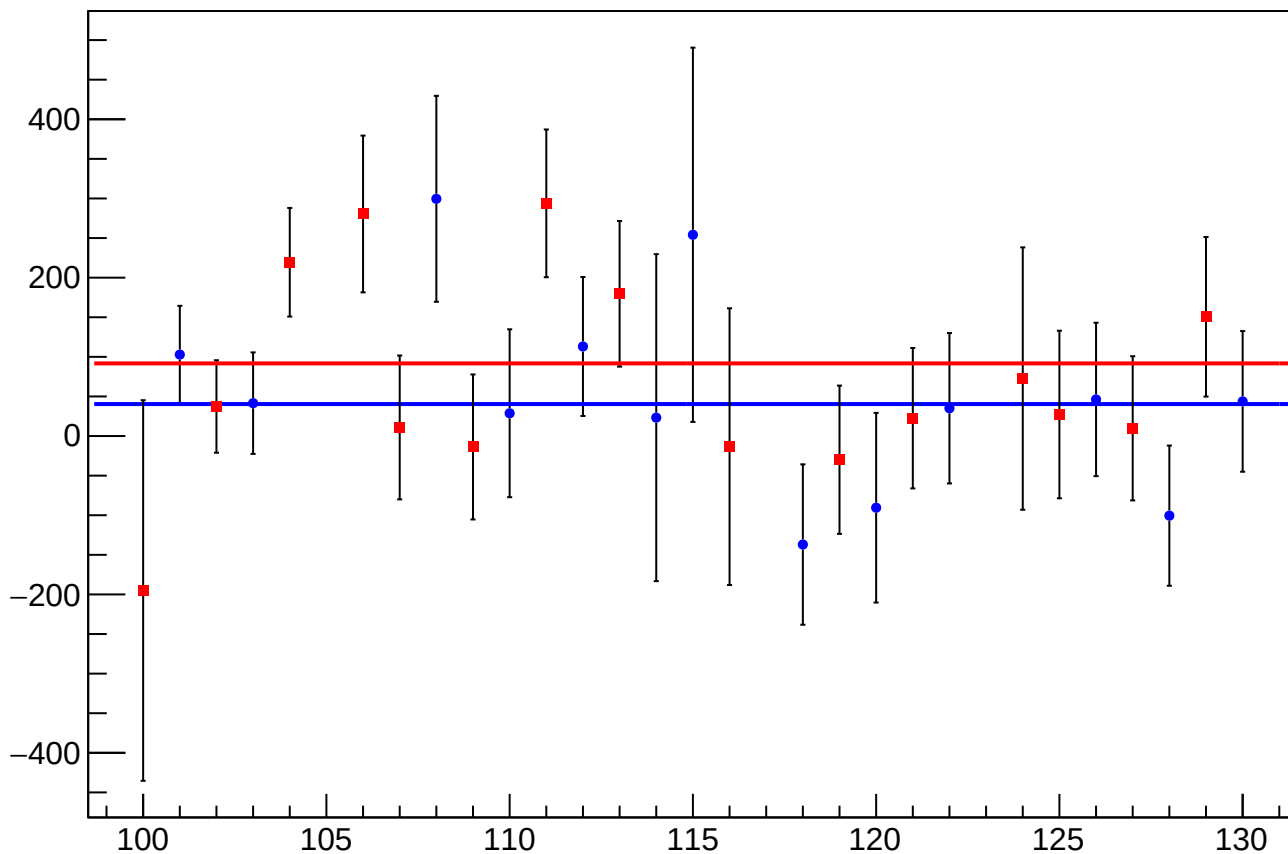
Right: 105.262+/-0.027 χ^2/NDF : 7818414.2/27

In: 102.682+/-0.039 χ^2/NDF :4035615.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 105.262+/-0.027 χ^2/NDF : 7818414.2/27

eigen_dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 40.381+/-26.119 χ^2/NDF : 13.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.748+/-24.126 χ^2/NDF : 21.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

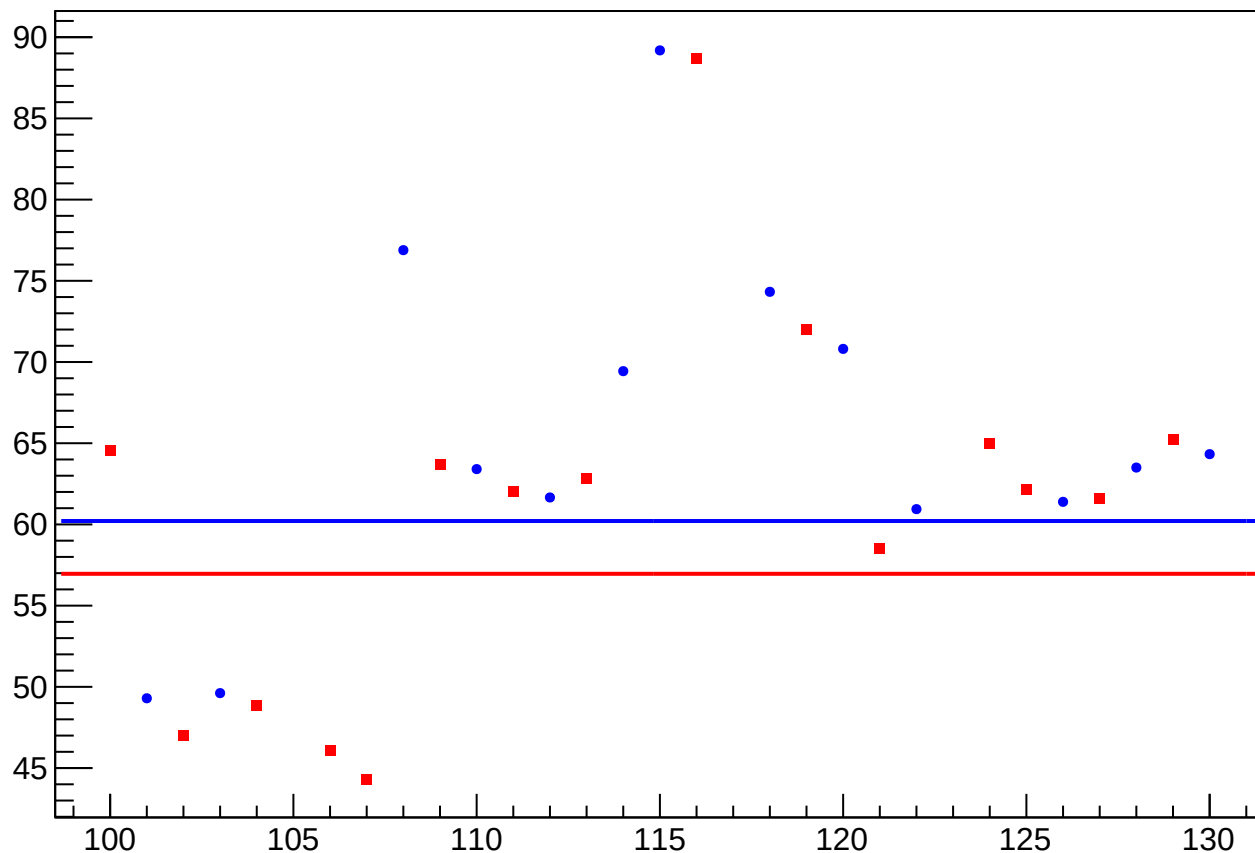
Right: 68.099+/-17.722 χ^2/NDF : 36.7/27

In: 40.381+/-26.119 χ^2/NDF : 13.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.099+/-17.722 χ^2/NDF : 36.7/27

eigen_dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.211+/-0.018 χ^2/NDF : 248842.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.961+/-0.017 χ^2/NDF : 322755.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

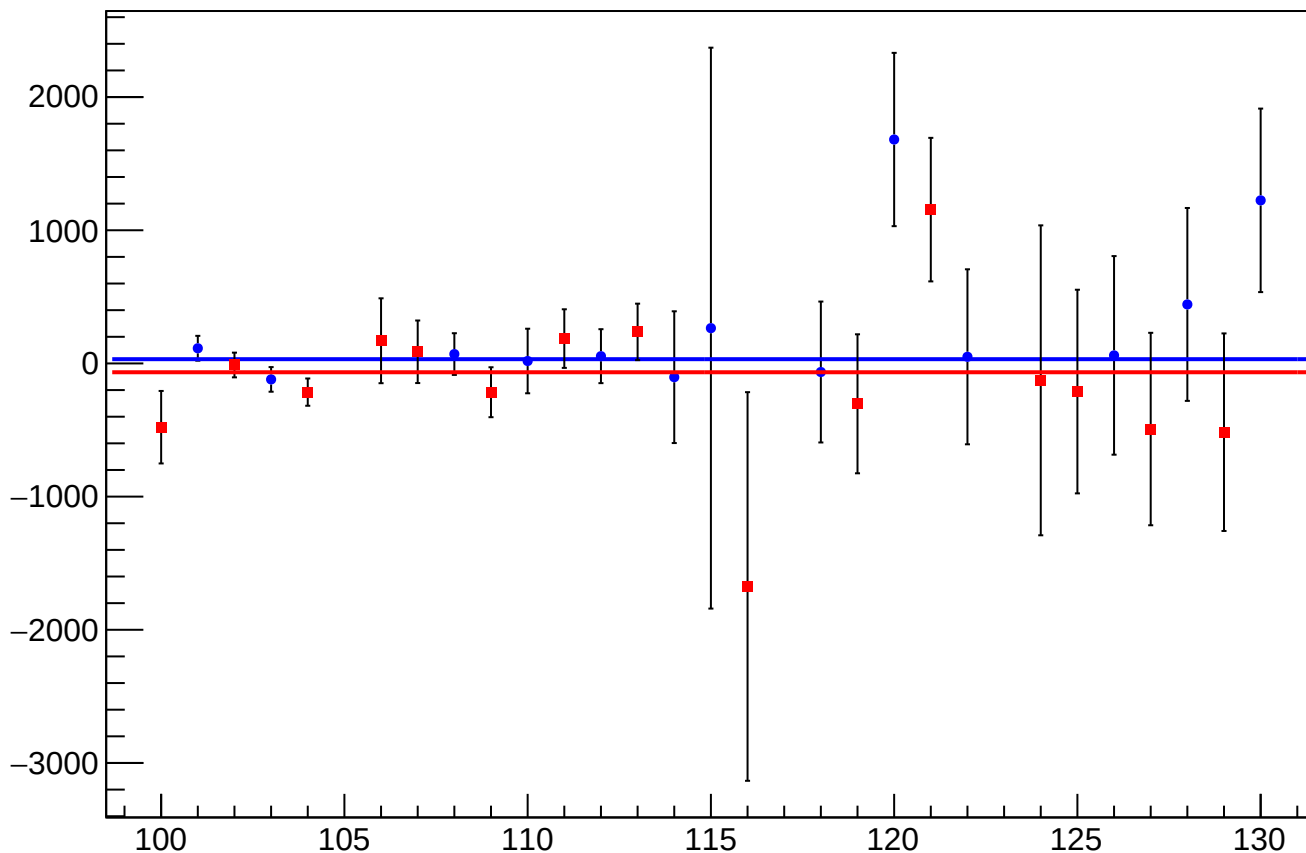
Right: 58.457+/-0.013 χ^2/NDF : 588306.9/27

In: 60.211+/-0.018 χ^2/NDF : 248842.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.457+/-0.013 χ^2/NDF : 588306.9/27

asym_sam_15_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 31.953+/-54.844 χ^2/NDF : 13.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -66.239+/-54.386 χ^2/NDF : 17.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

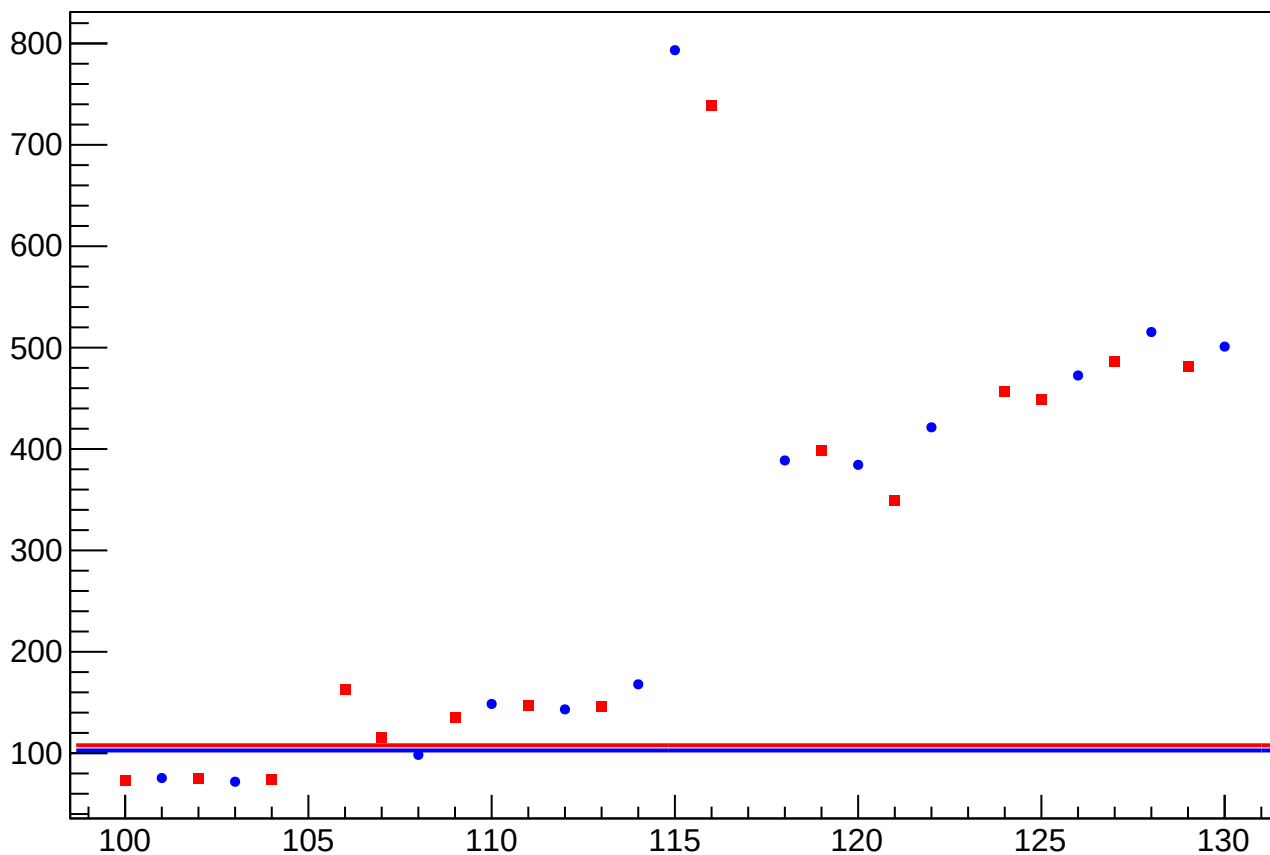
Right: -17.554+/-38.618 χ^2/NDF : 32.1/27

In: 31.953+/-54.844 χ^2/NDF : 13.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.554+/-38.618 χ^2/NDF : 32.1/27

asym_sam_15_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 102.681+/-0.039 χ^2/NDF : 4035616.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 107.799+/-0.038 χ^2/NDF : 3774023.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

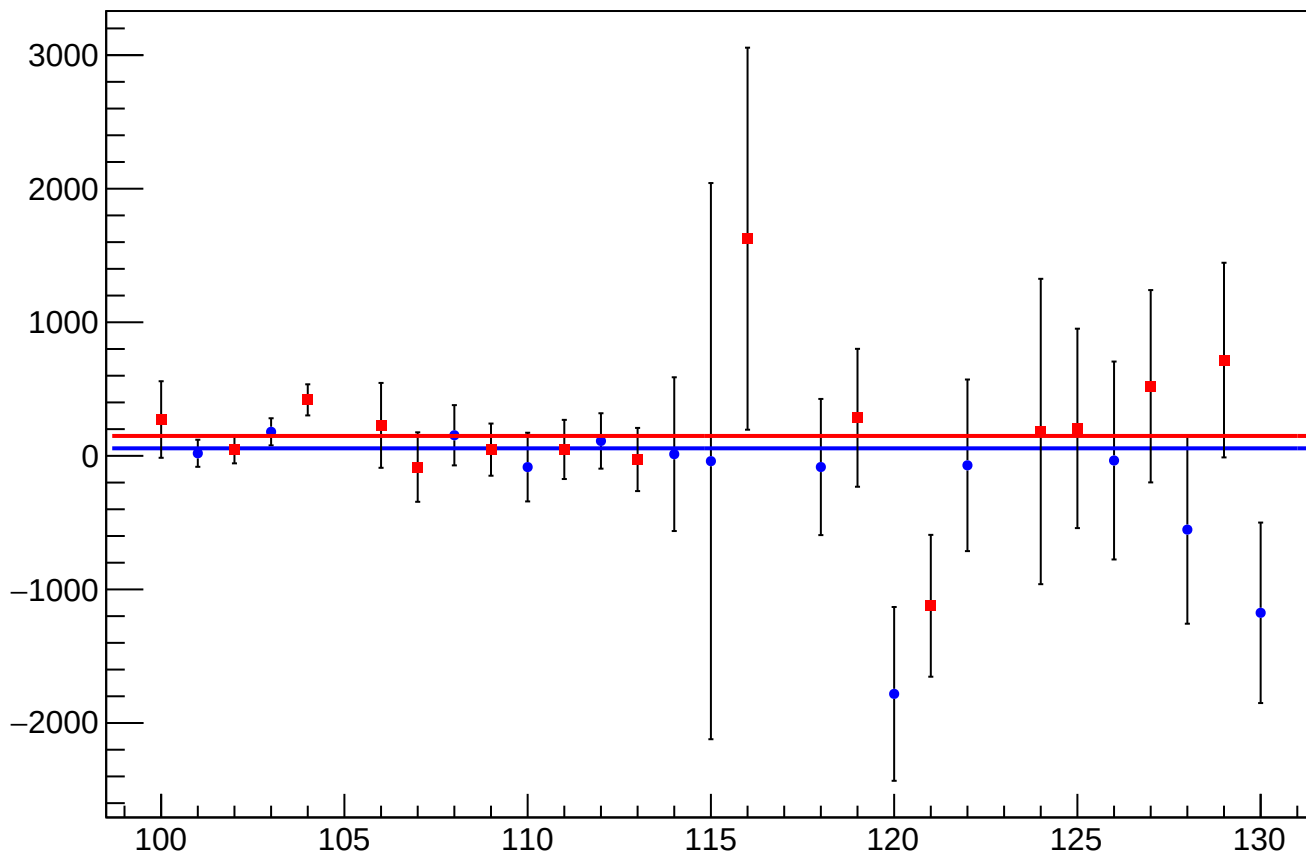
Right: 105.262+/-0.027 χ^2/NDF : 7818418.9/27

In: 102.681+/-0.039 χ^2/NDF :4035616.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 105.262+/-0.027 χ^2/NDF : 7818418.9/27

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 56.359+/-60.835 χ^2/NDF : 14.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 148.979+/-59.481 χ^2/NDF : 16.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

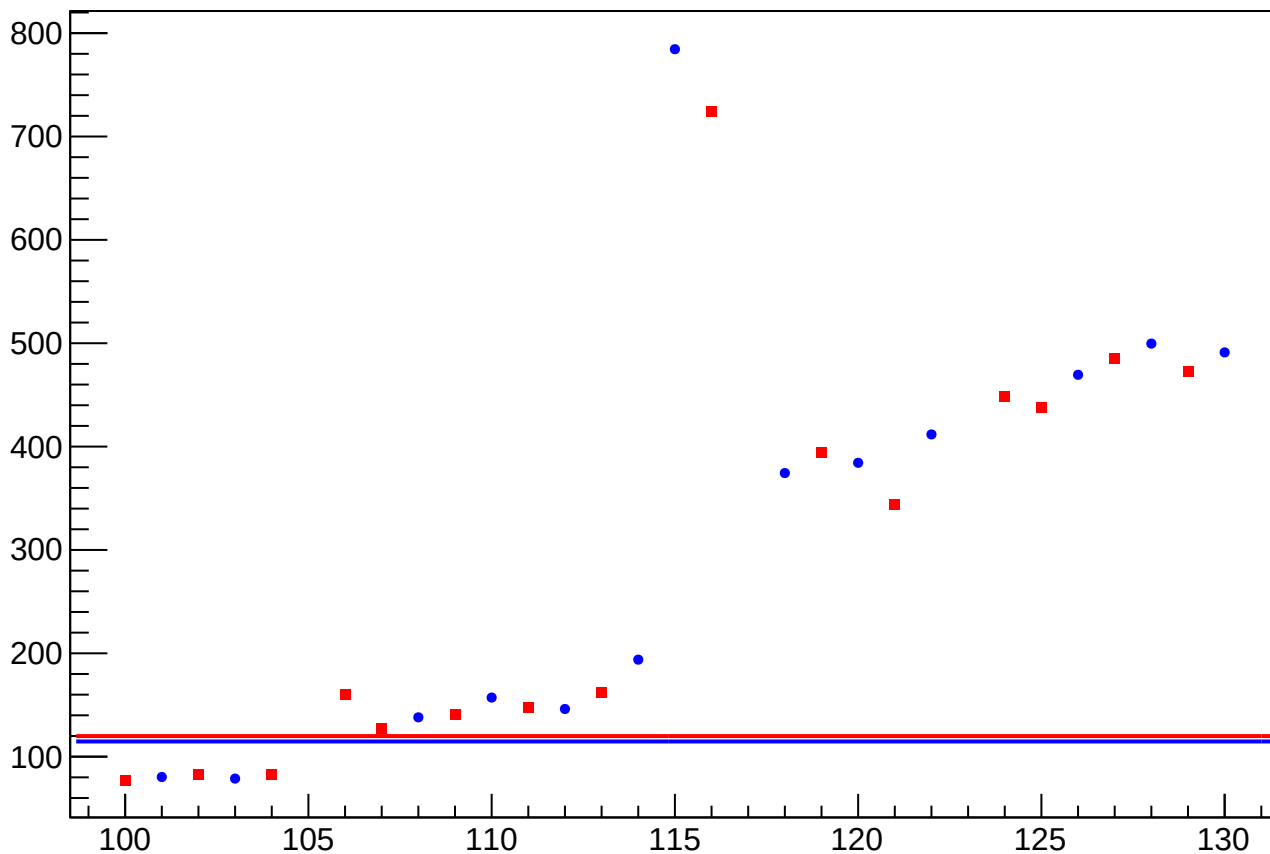
Right: 103.711+/-42.530 χ^2/NDF : 31.7/27

In: 56.359+/-60.835 χ^2/NDF : 14.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.711+/-42.530 χ^2/NDF : 31.7/27

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 114.710+/-0.043 χ^2/NDF : 3814106.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 119.922+/-0.042 χ^2/NDF : 3444314.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

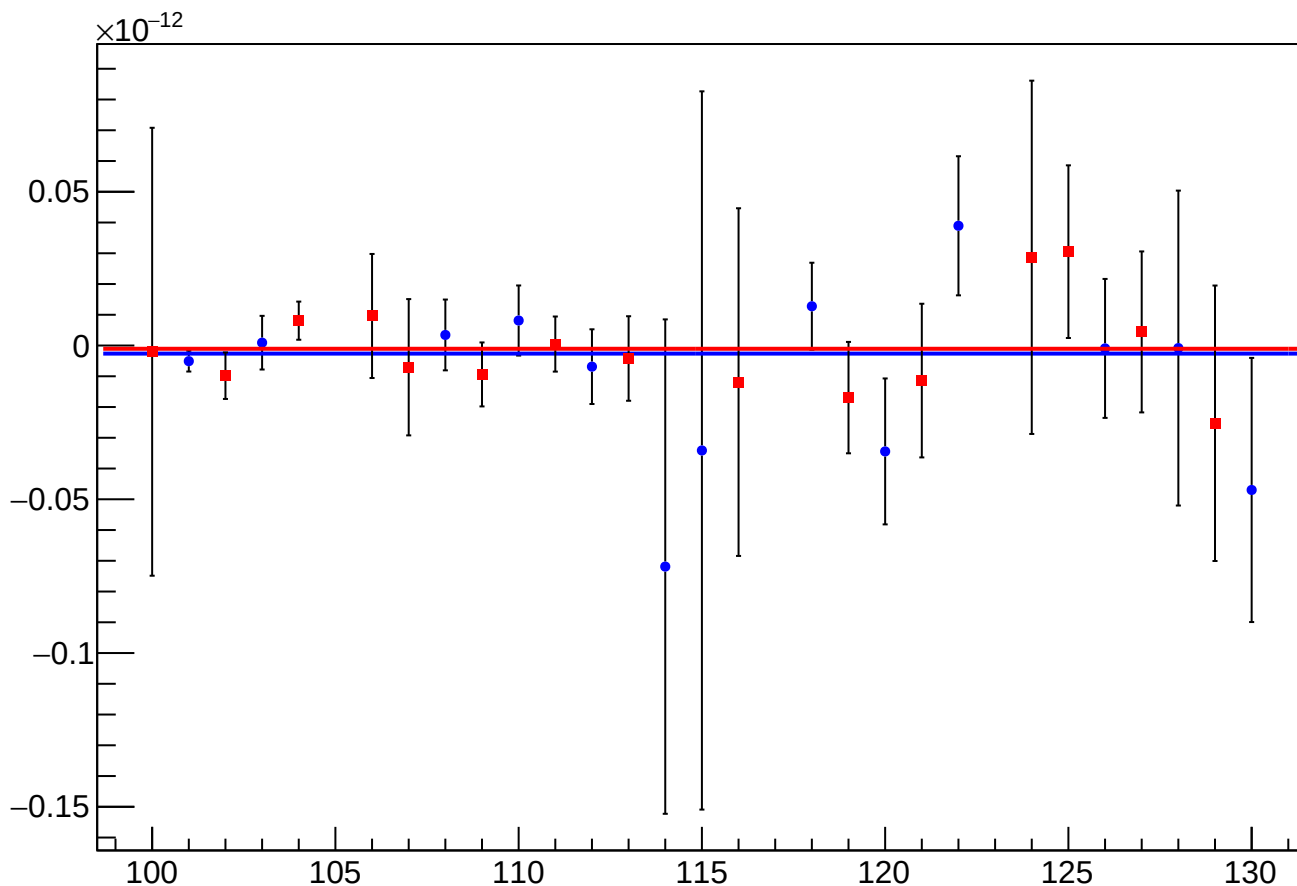
Right: 117.375+/-0.030 χ^2/NDF : 7265927.5/27

In: 114.710+/-0.043 χ^2/NDF :3814106.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 117.375+/-0.030 χ^2/NDF : 7265927.5/27

asym_sam_15_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 10.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 7.4/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

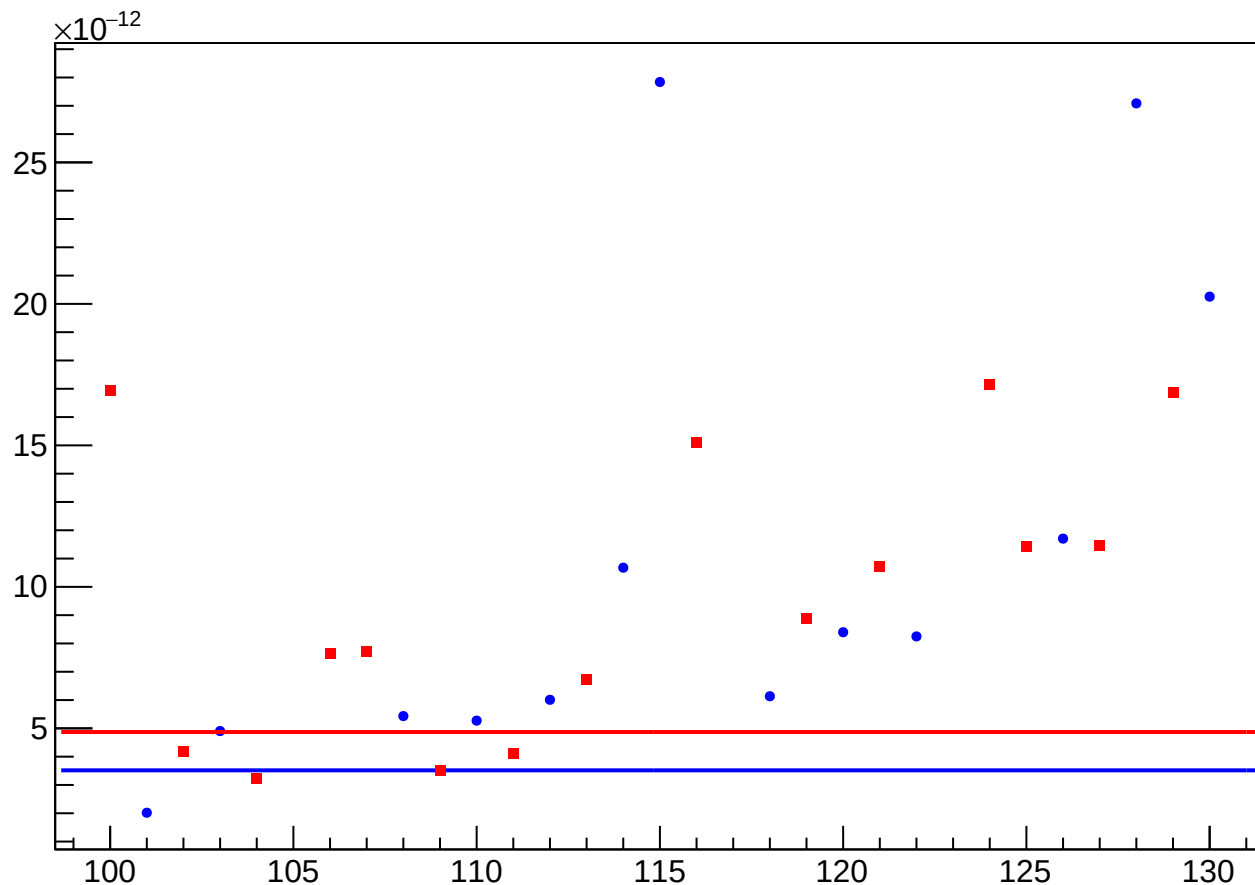
Right: -0.000+/-0.000 χ^2 /NDF: 17.8/27

In: -0.000+/-0.000 χ^2 /NDF:10.2/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 17.8/27

asym_sam_15_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1964433.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1114416.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

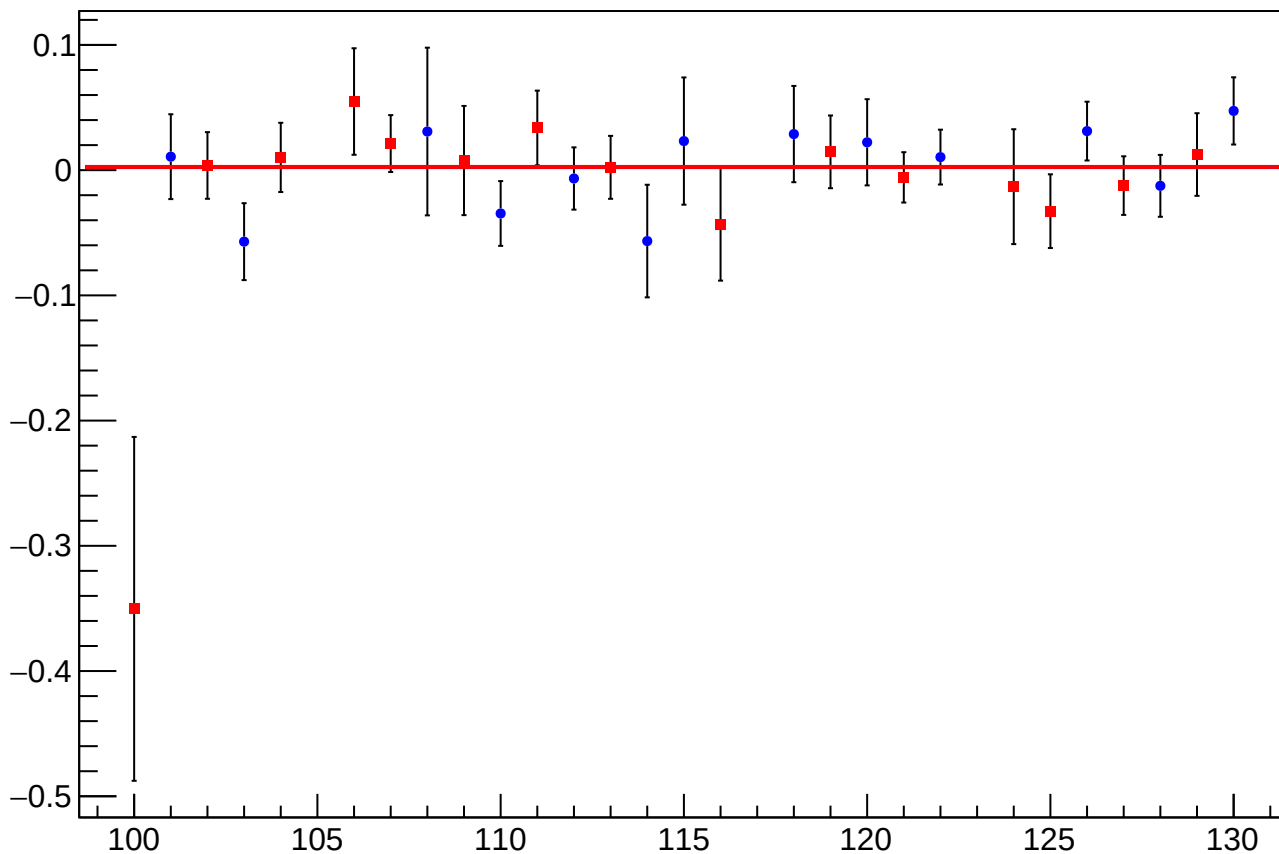
Right: 0.000+/-0.000 χ^2/NDF : 3267973.7/27

In: 0.000+/-0.000 χ^2/NDF : 1964433.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3267973.7/27

asym_sam_15_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.008 χ^2 /NDF: 13.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.008 χ^2 /NDF: 13.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

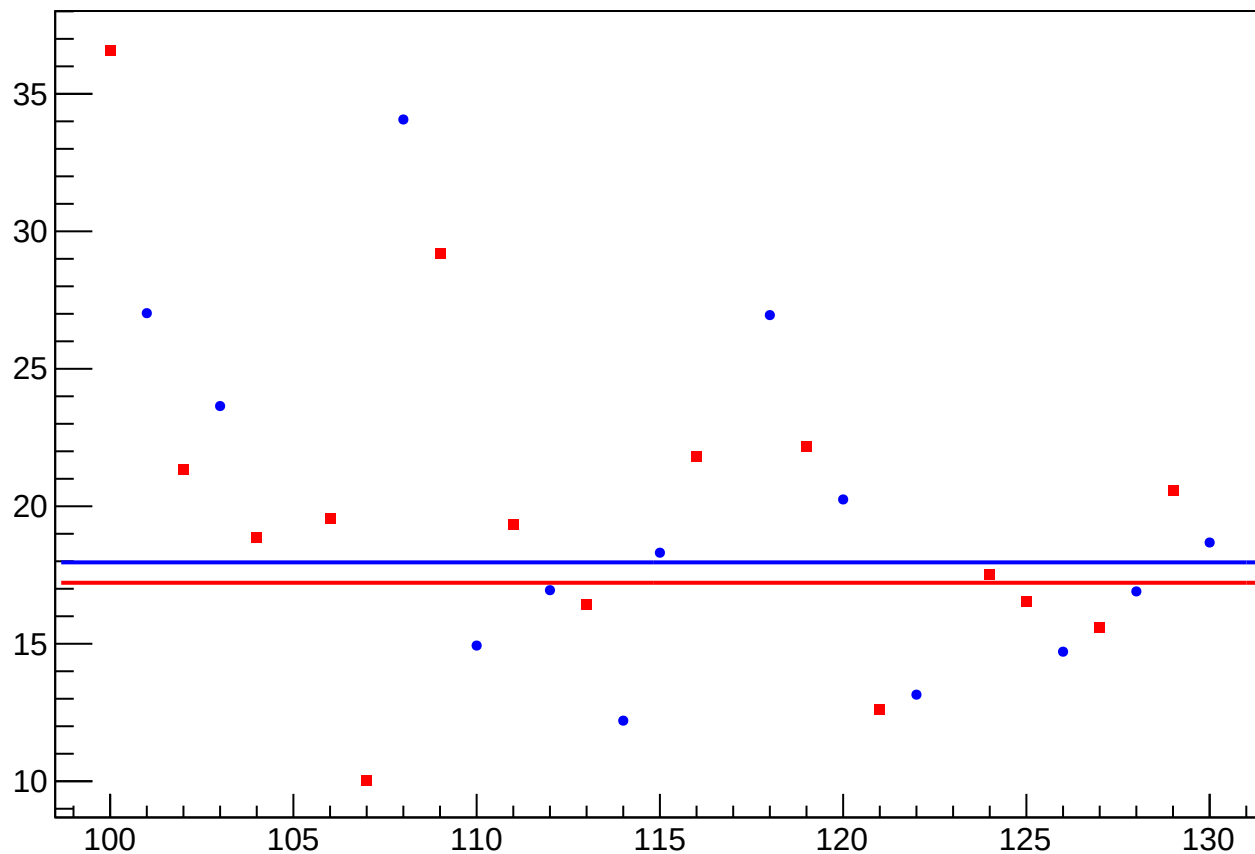
Right: 0.003 $\pm$ 0.006 χ^2 /NDF: 27.1/27

In: 0.002 $\pm$ 0.008 χ^2 /NDF:13.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.006 χ^2 /NDF: 27.1/27

asym_sam_15_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.960+/-0.006 χ^2/NDF : 649256.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.218+/-0.005 χ^2/NDF : 679292.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

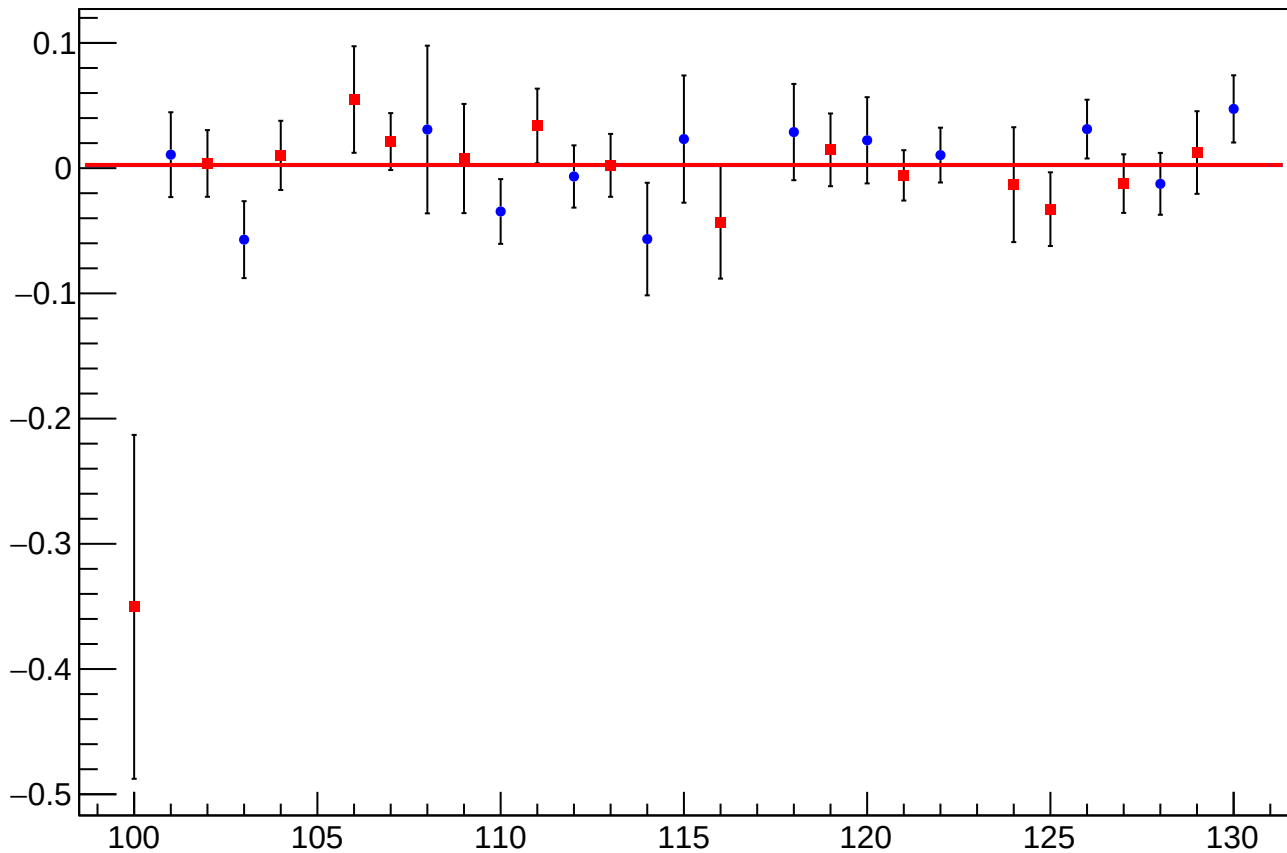
Right: 17.561+/-0.004 χ^2/NDF : 1337195.5/27

In: 17.960+/-0.006 χ^2/NDF : 649256.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.561+/-0.004 χ^2/NDF : 1337195.5/27

asym_sam_15_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.008 χ^2 /NDF: 13.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.008 χ^2 /NDF: 13.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

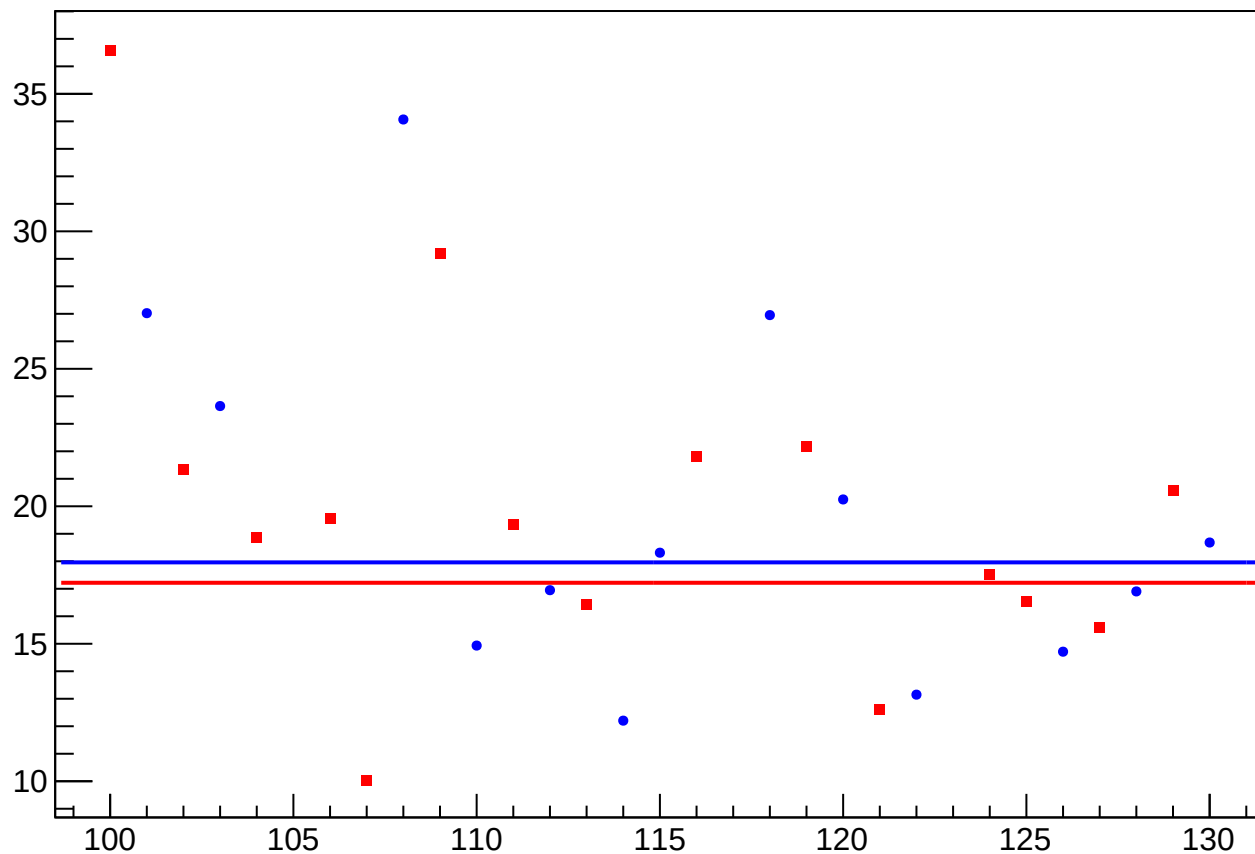
Right: 0.003 $\pm$ 0.006 χ^2 /NDF: 27.1/27

In: 0.002 $\pm$ 0.008 χ^2 /NDF:13.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.006 χ^2 /NDF: 27.1/27

asym_sam_15_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.960+/-0.006 χ^2/NDF : 649256.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 17.218+/-0.005 χ^2/NDF : 679292.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

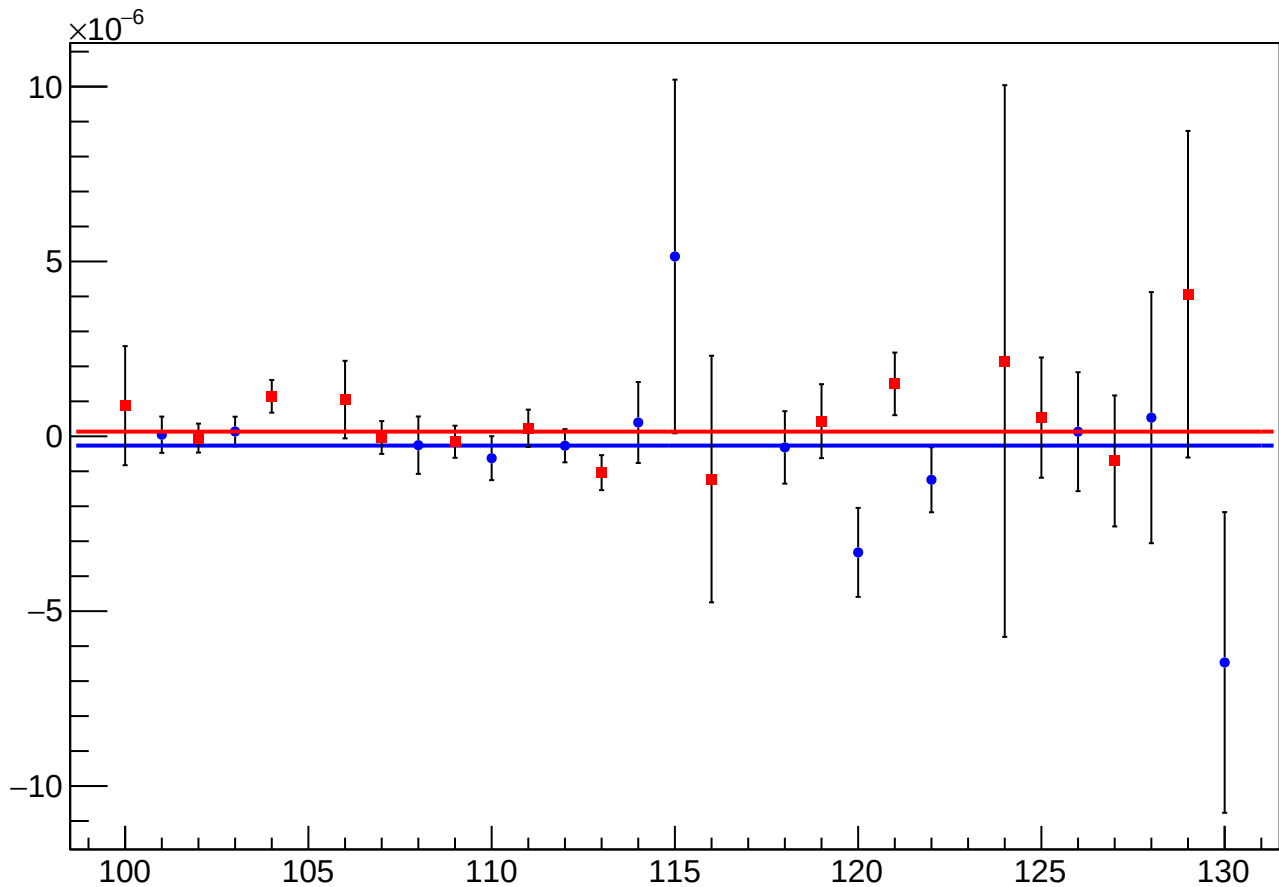
Right: 17.561+/-0.004 χ^2/NDF : 1337195.5/27

In: 17.960+/-0.006 χ^2/NDF :649256.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 17.561+/-0.004 χ^2/NDF : 1337195.5/27

asym_sam_15_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

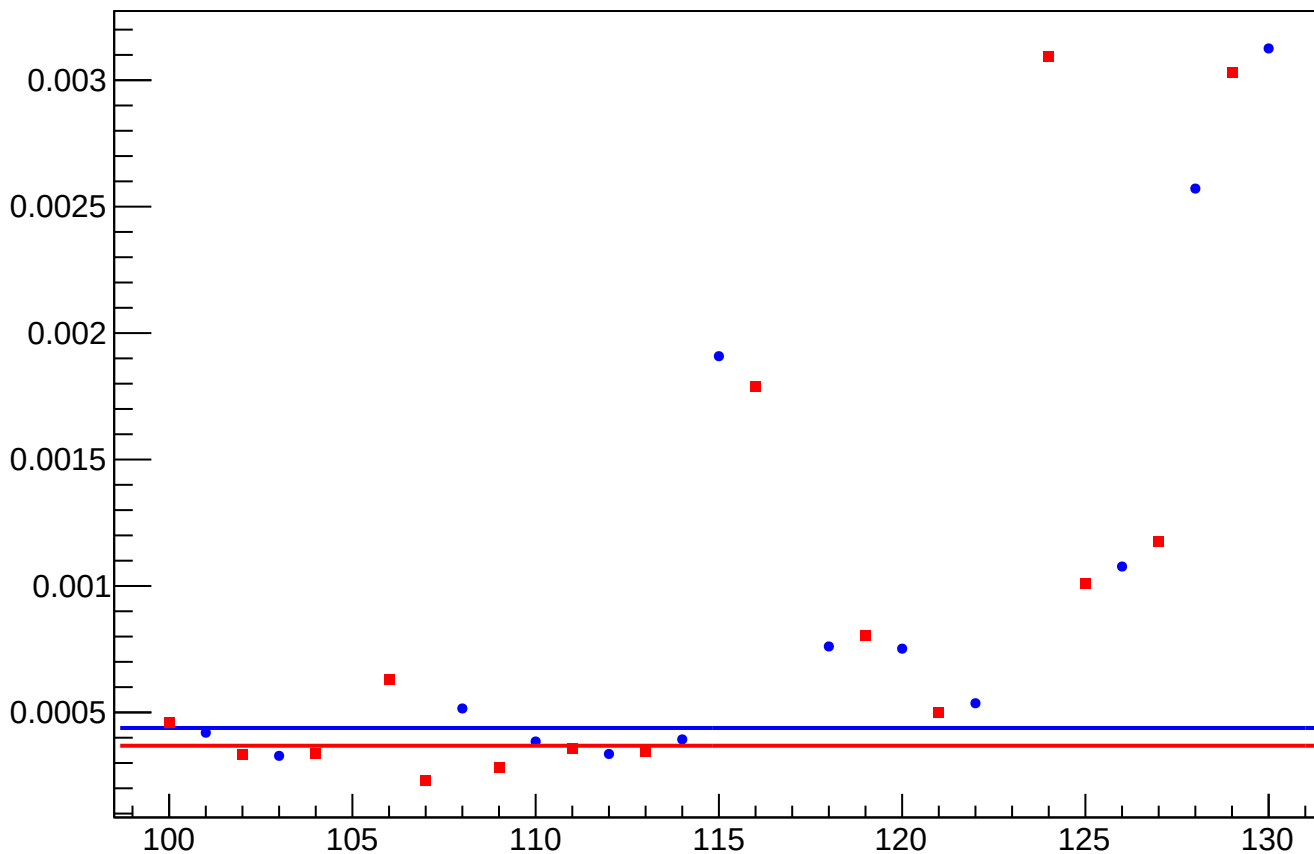
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 29.5/27

In: -0.000 $\pm$ 0.000 χ^2 /NDF:12.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 29.5/27

asym_sam_15_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000

χ^2/NDF : 2543145.3/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000

χ^2/NDF : 2638622.8/14

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.000+/-0.000

χ^2/NDF : 5308209.7/27

In: 0.000+/-0.000

χ^2/NDF : 2543145.3/12

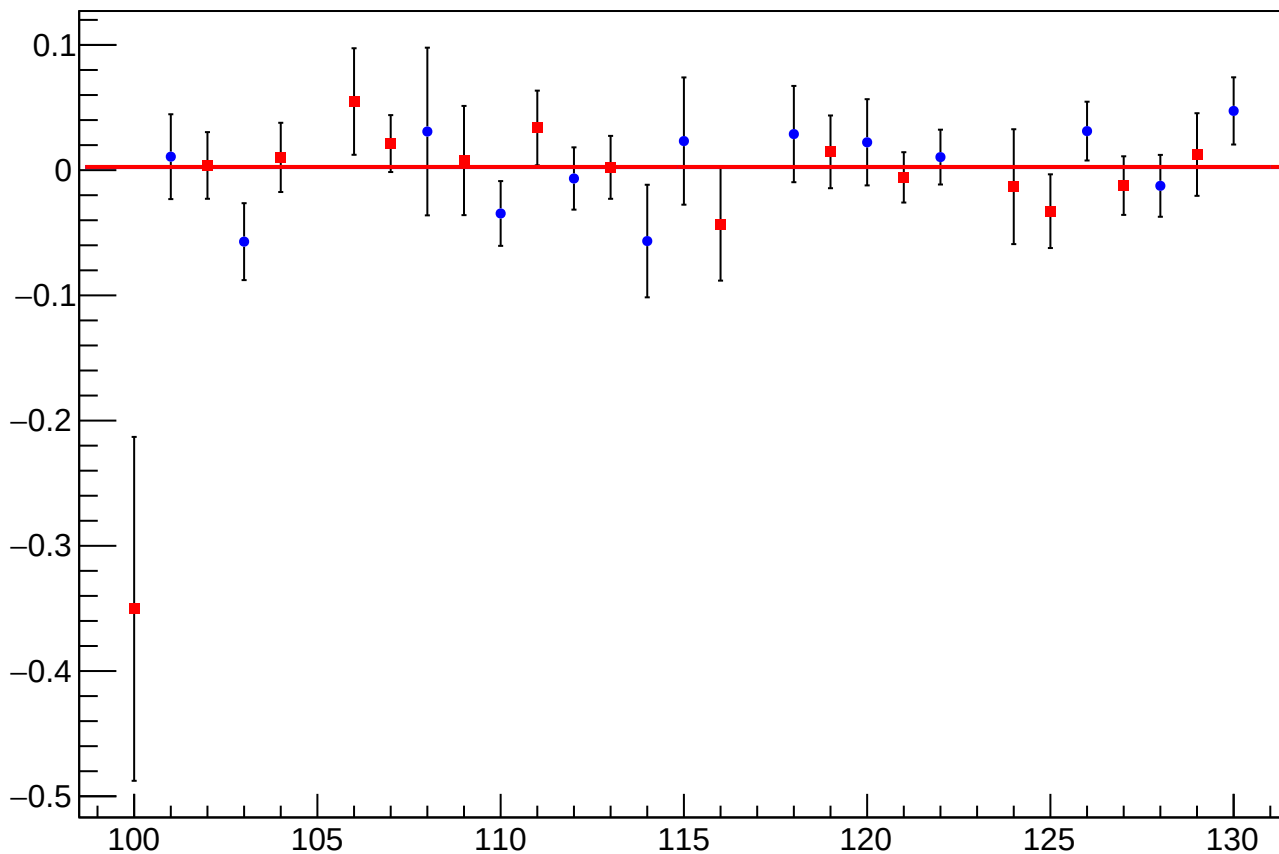
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.000+/-0.000

χ^2/NDF : 5308209.7/27

asym_sam_15_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.008 χ^2 /NDF: 13.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.008 χ^2 /NDF: 13.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

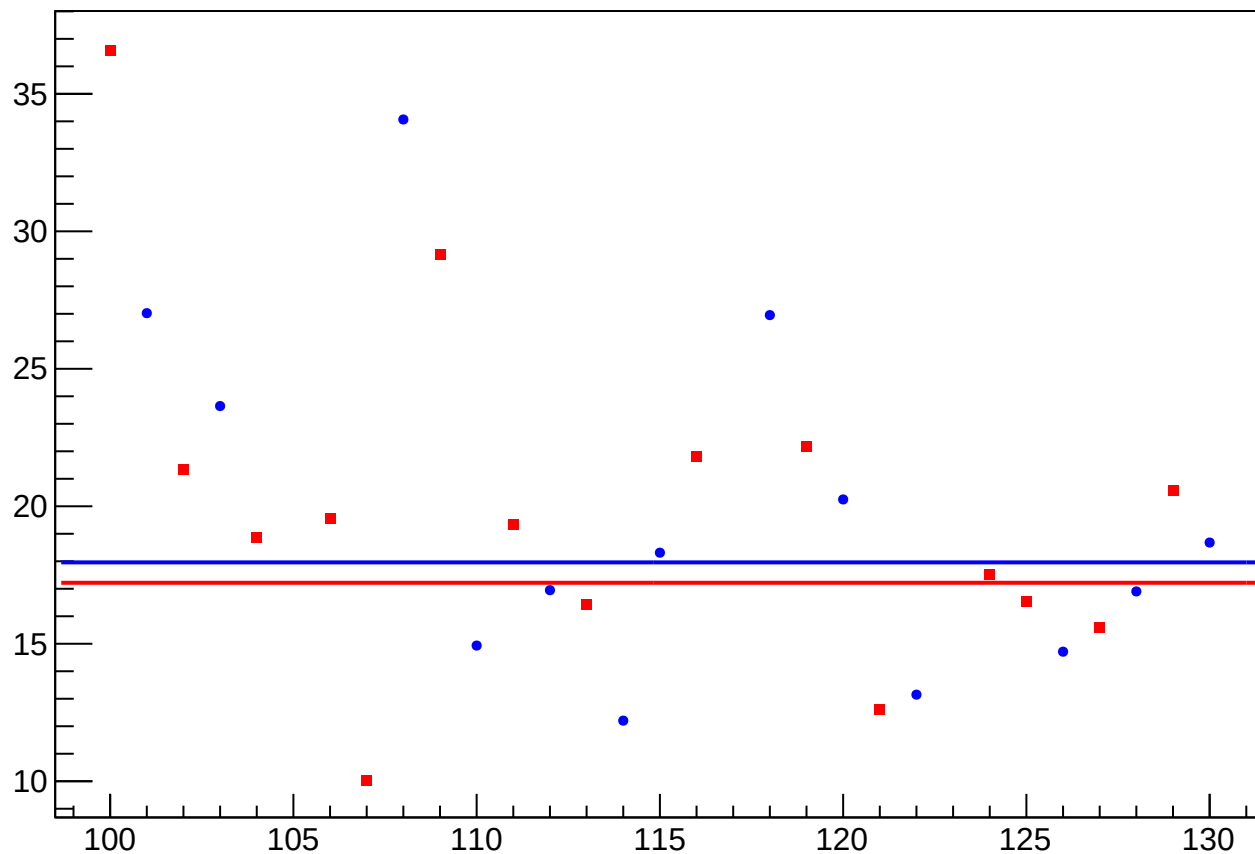
Right: 0.003 $\pm$ 0.006 χ^2 /NDF: 27.1/27

In: 0.002 $\pm$ 0.008 χ^2 /NDF:13.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.006 χ^2 /NDF: 27.1/27

asym_sam_15_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.960 $\pm$ 0.006 χ^2 /NDF: 649251.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 17.218 $\pm$ 0.005 χ^2 /NDF: 679303.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

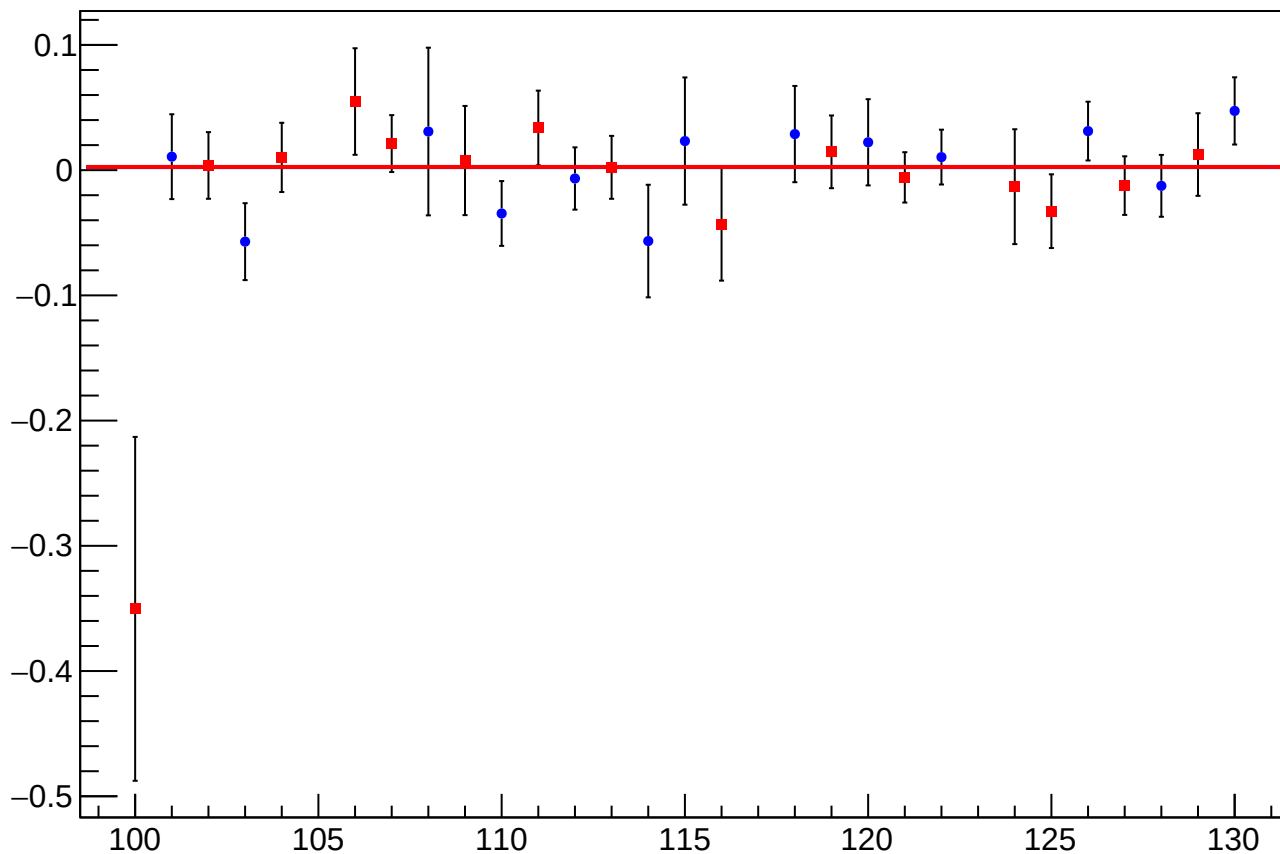
Right: 17.561 $\pm$ 0.004 χ^2 /NDF: 1337200.4/27

In: 17.960 $\pm$ 0.006 χ^2 /NDF:649251.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 17.561 $\pm$ 0.004 χ^2 /NDF: 1337200.4/27

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.008 χ^2 /NDF: 13.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.008 χ^2 /NDF: 13.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

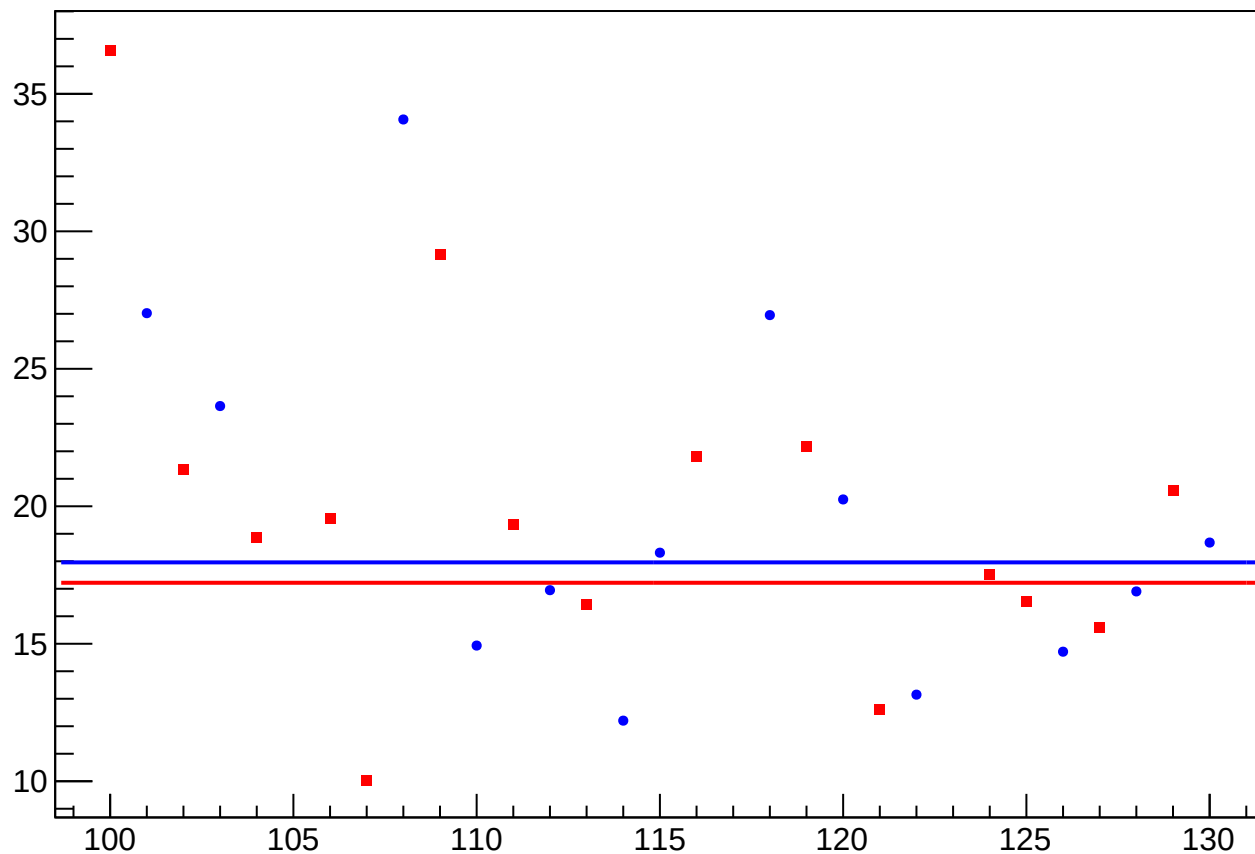
Right: 0.003 $\pm$ 0.006 χ^2 /NDF: 27.1/27

In: 0.002 $\pm$ 0.008 χ^2 /NDF:13.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.006 χ^2 /NDF: 27.1/27

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.960+/-0.006 χ^2/NDF : 649251.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 17.218+/-0.005 χ^2/NDF : 679303.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

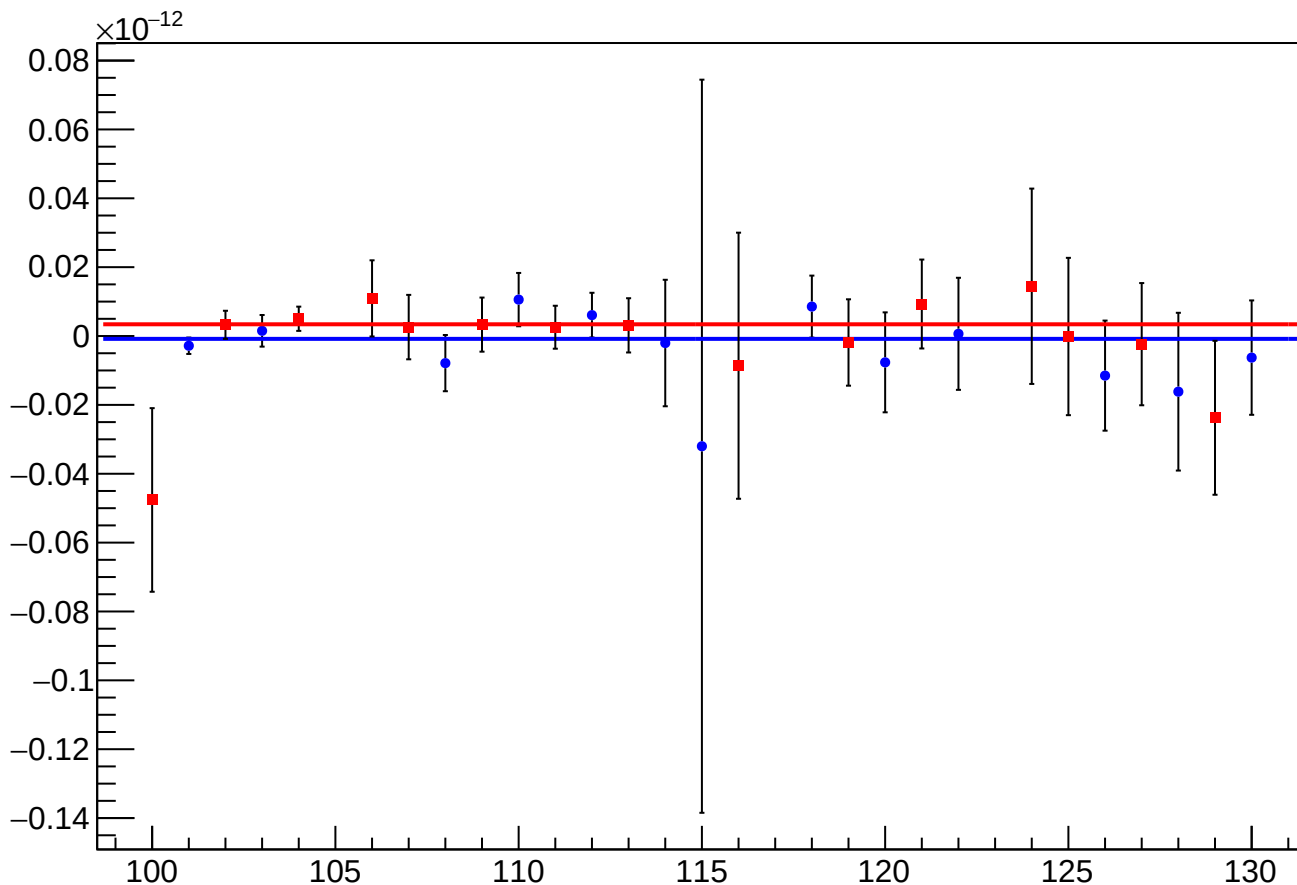
Right: 17.561+/-0.004 χ^2/NDF : 1337200.4/27

In: 17.960+/-0.006 χ^2/NDF :649251.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 17.561+/-0.004 χ^2/NDF : 1337200.4/27

asym_sam_15_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

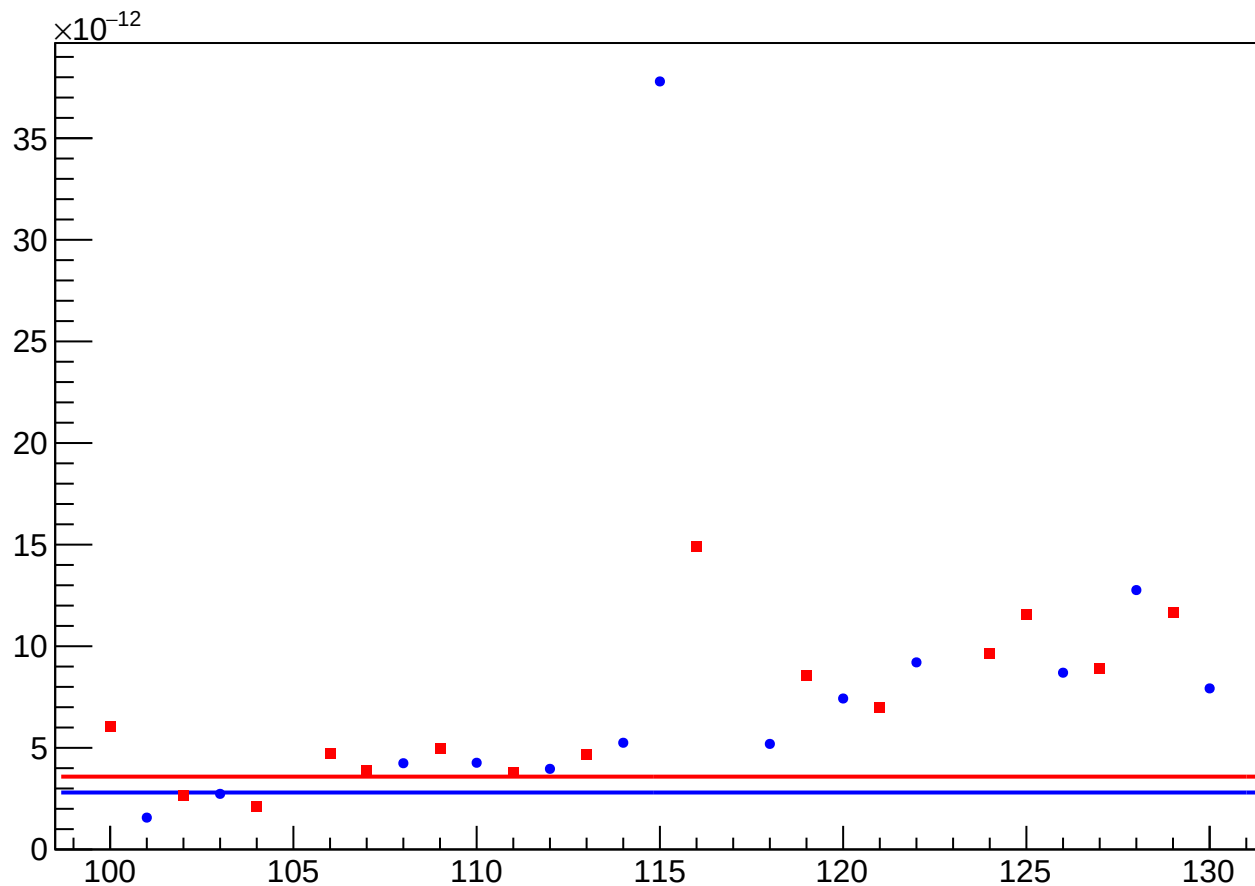
Right: 0.000+/-0.000 χ^2/NDF : 16.5/27

In: -0.000+/-0.000 χ^2/NDF : 7.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.5/27

asym_sam_15_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2481698.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2003160.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

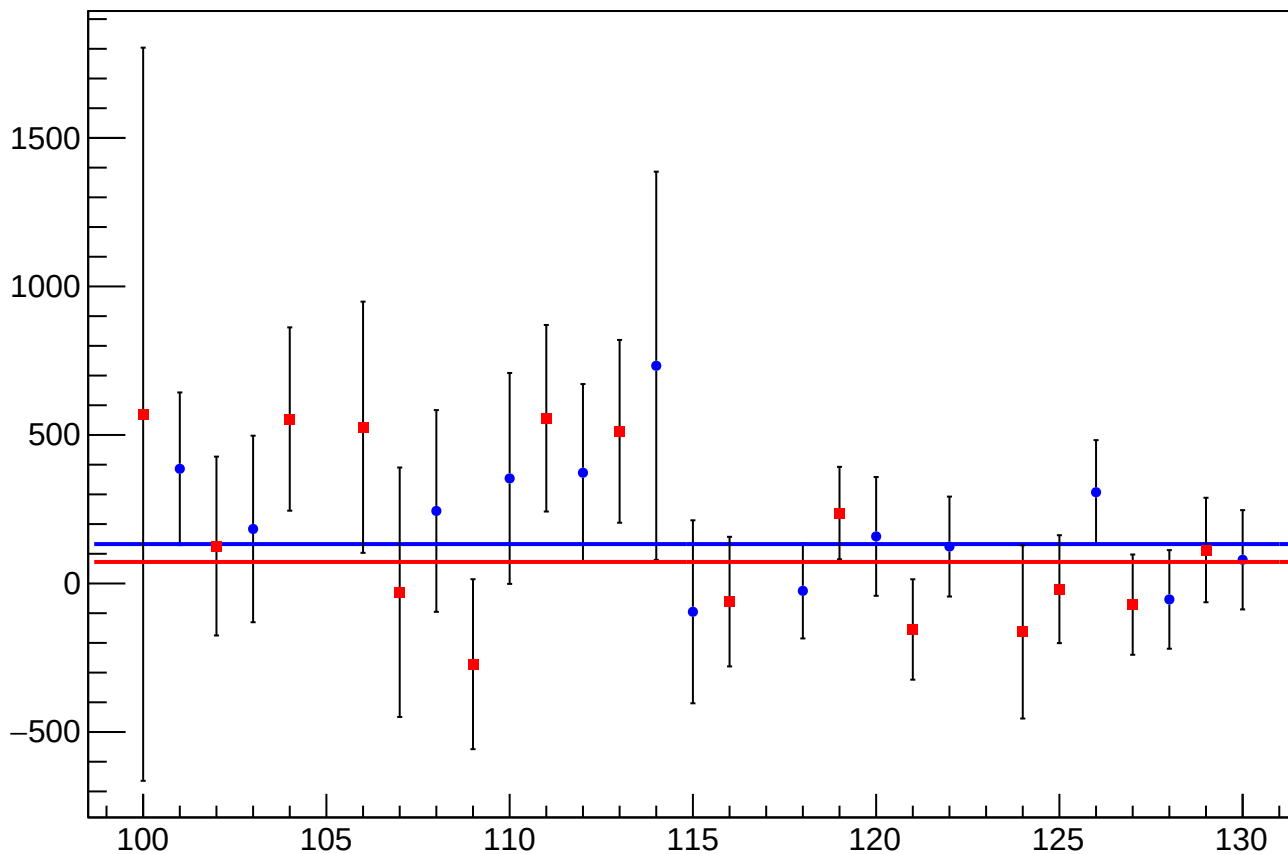
Right: 0.000+/-0.000 χ^2/NDF : 4651011.7/27

In: 0.000+/-0.000 χ^2/NDF : 2481698.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4651011.7/27

reg_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 132.675 $\pm$ 60.868 χ^2 /NDF: 6.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 72.520 $\pm$ 60.499 χ^2 /NDF: 14.7/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

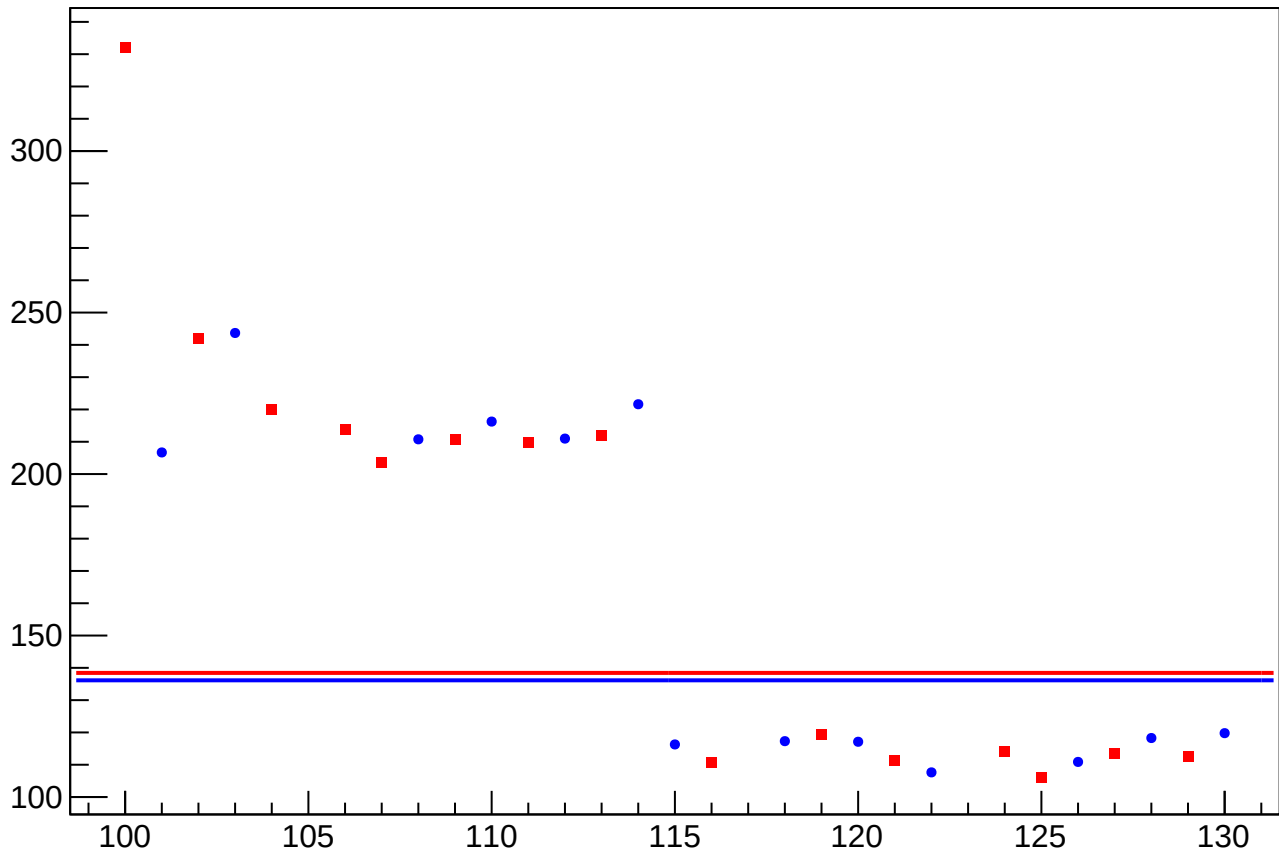
Right: 102.415 $\pm$ 42.909 χ^2 /NDF: 22.0/27

In: 132.675 $\pm$ 60.868 χ^2 /NDF: 6.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 102.415 $\pm$ 42.909 χ^2 /NDF: 22.0/27

reg_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 136.137+/-0.043 χ^2/NDF : 938940.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 138.432+/-0.043 χ^2/NDF : 1158758.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

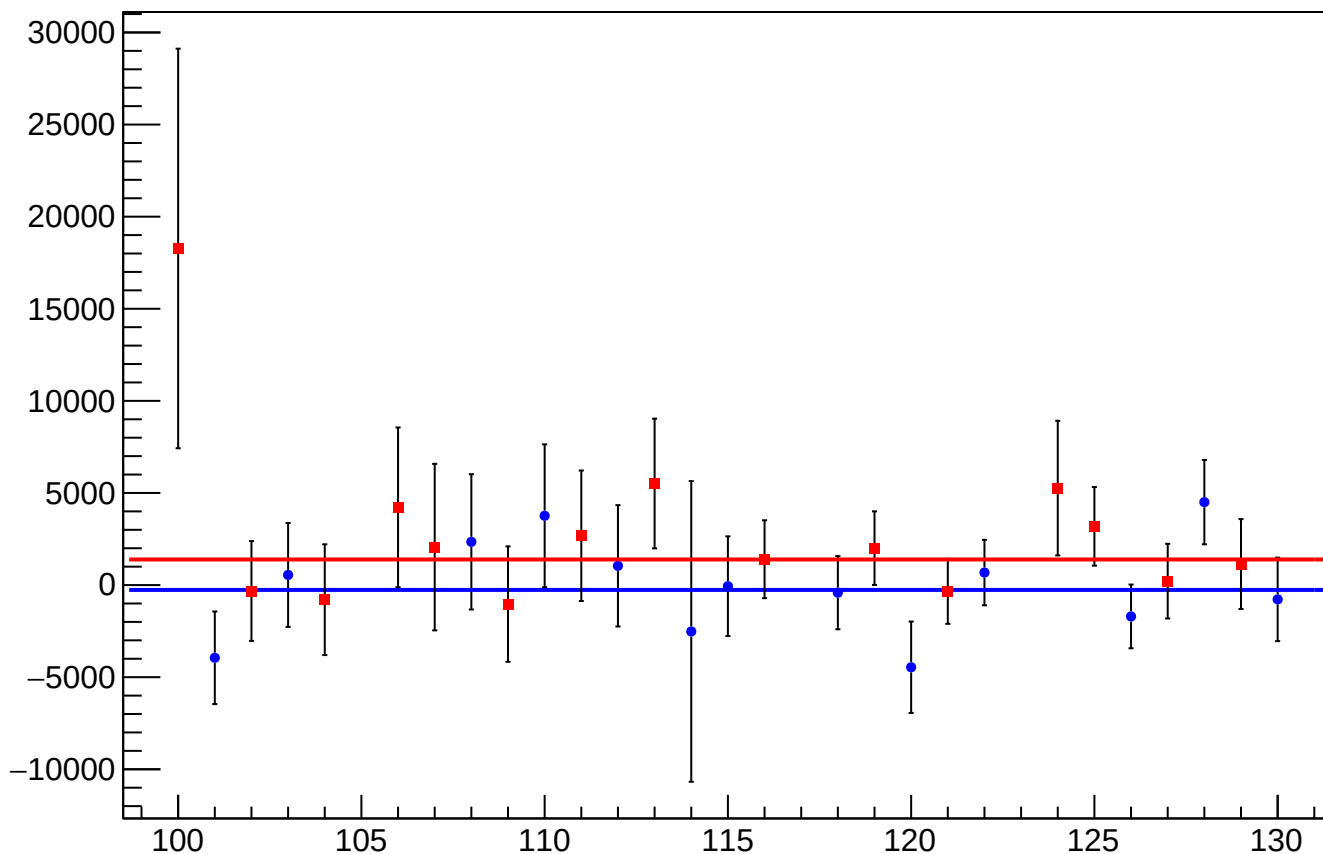
Right: 137.292+/-0.030 χ^2/NDF : 2099130.5/27

In: 136.137+/-0.043 χ^2/NDF : 938940.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.292+/-0.030 χ^2/NDF : 2099130.5/27

asym_sam_26_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -262.769+/-686.630 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1390.140+/-686.532 χ^2/NDF : 9.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

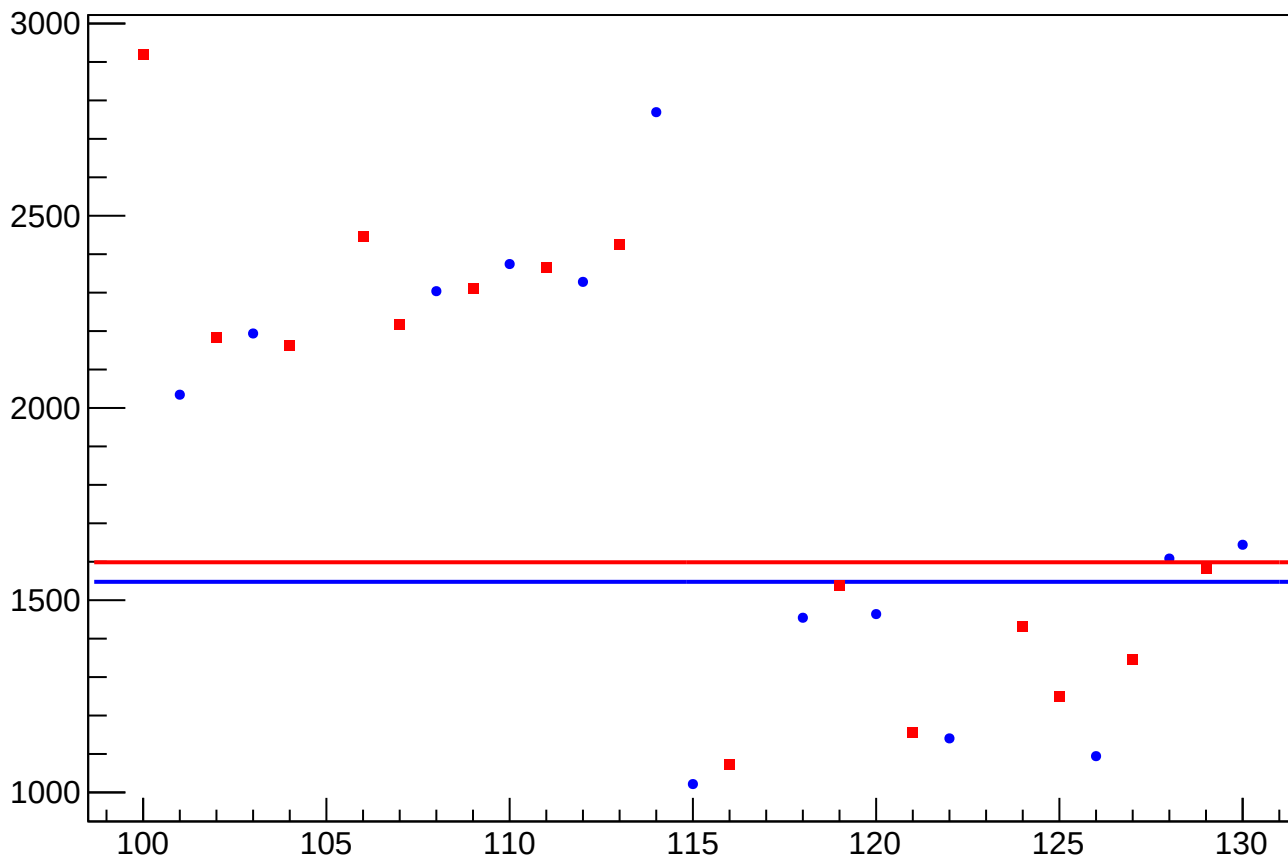
Right: 563.804+/-485.486 χ^2/NDF : 24.3/27

In: -262.769+/-686.630 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 563.804+/-485.486 χ^2/NDF : 24.3/27

asym_sam_26_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1547.786+/-0.486 χ^2/NDF : 842490.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1598.650+/-0.485 χ^2/NDF : 955897.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

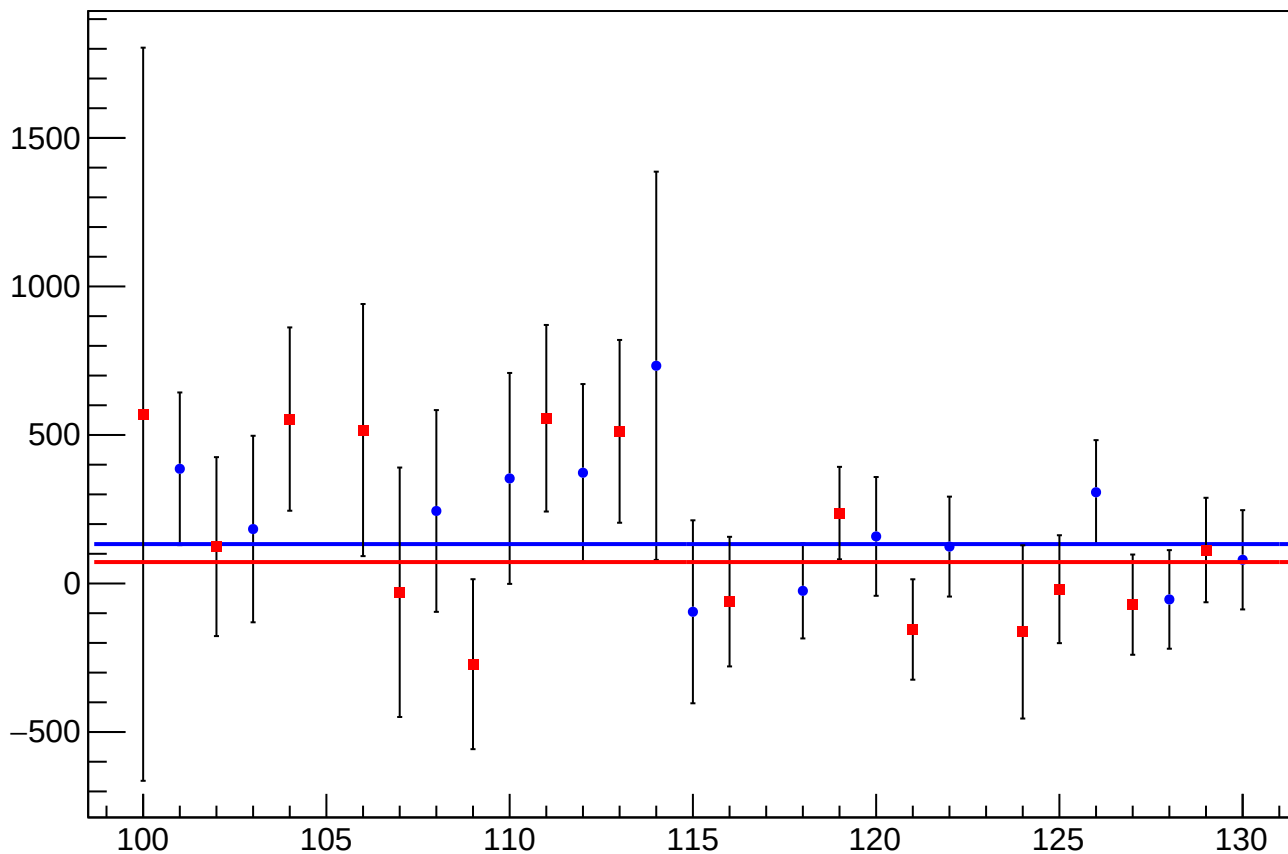
Right: 1573.222+/-0.343 χ^2/NDF : 1803875.5/27

In: 1547.786+/-0.486 χ^2/NDF : 842490.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1573.222+/-0.343 χ^2/NDF : 1803875.5/27

cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 132.665 $\pm$ 60.868 χ^2 /NDF: 6.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 72.176 $\pm$ 60.505 χ^2 /NDF: 14.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

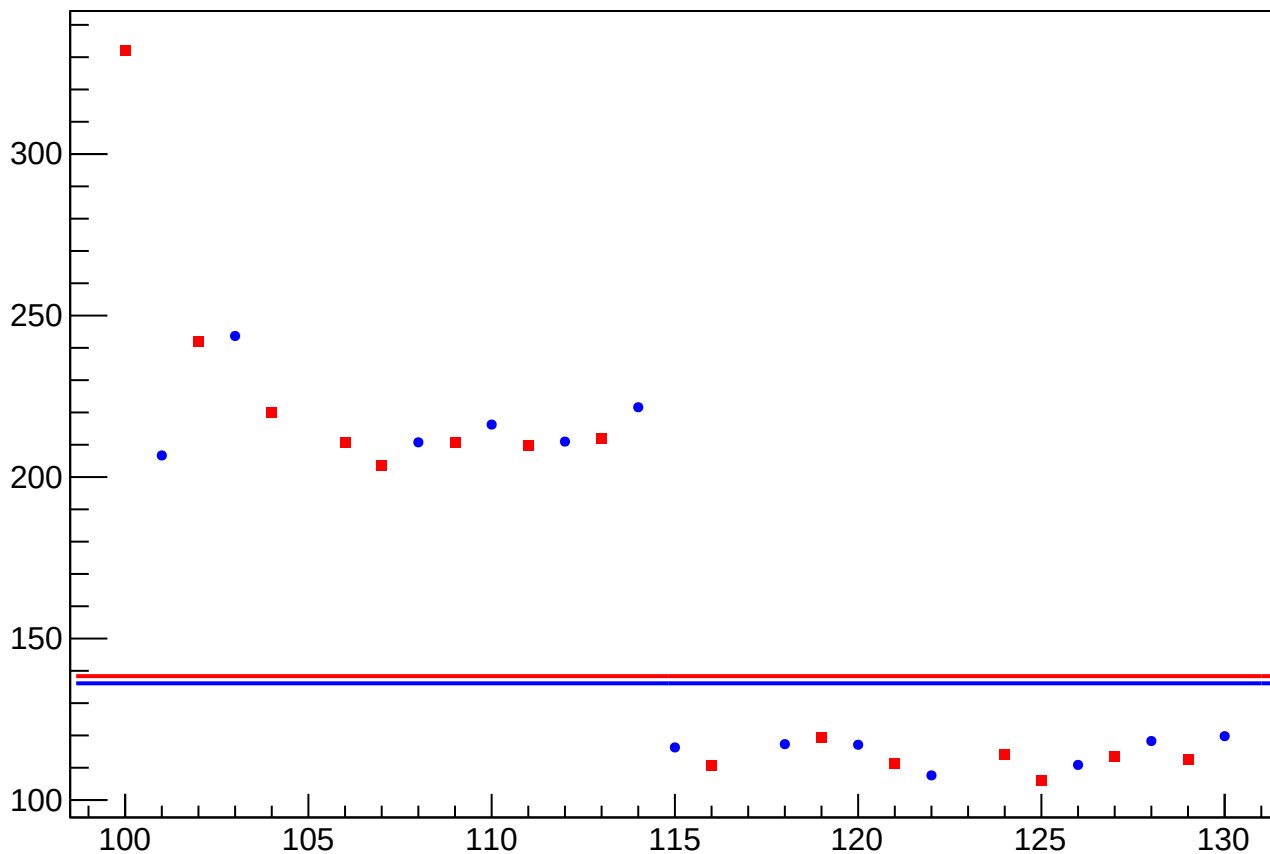
Right: 102.240 $\pm$ 42.911 χ^2 /NDF: 22.0/27

In: 132.665 $\pm$ 60.868 χ^2 /NDF: 6.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 102.240 $\pm$ 42.911 χ^2 /NDF: 22.0/27

cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 136.137+/-0.043 χ^2/NDF : 938943.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 138.359+/-0.043 χ^2/NDF : 1153575.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

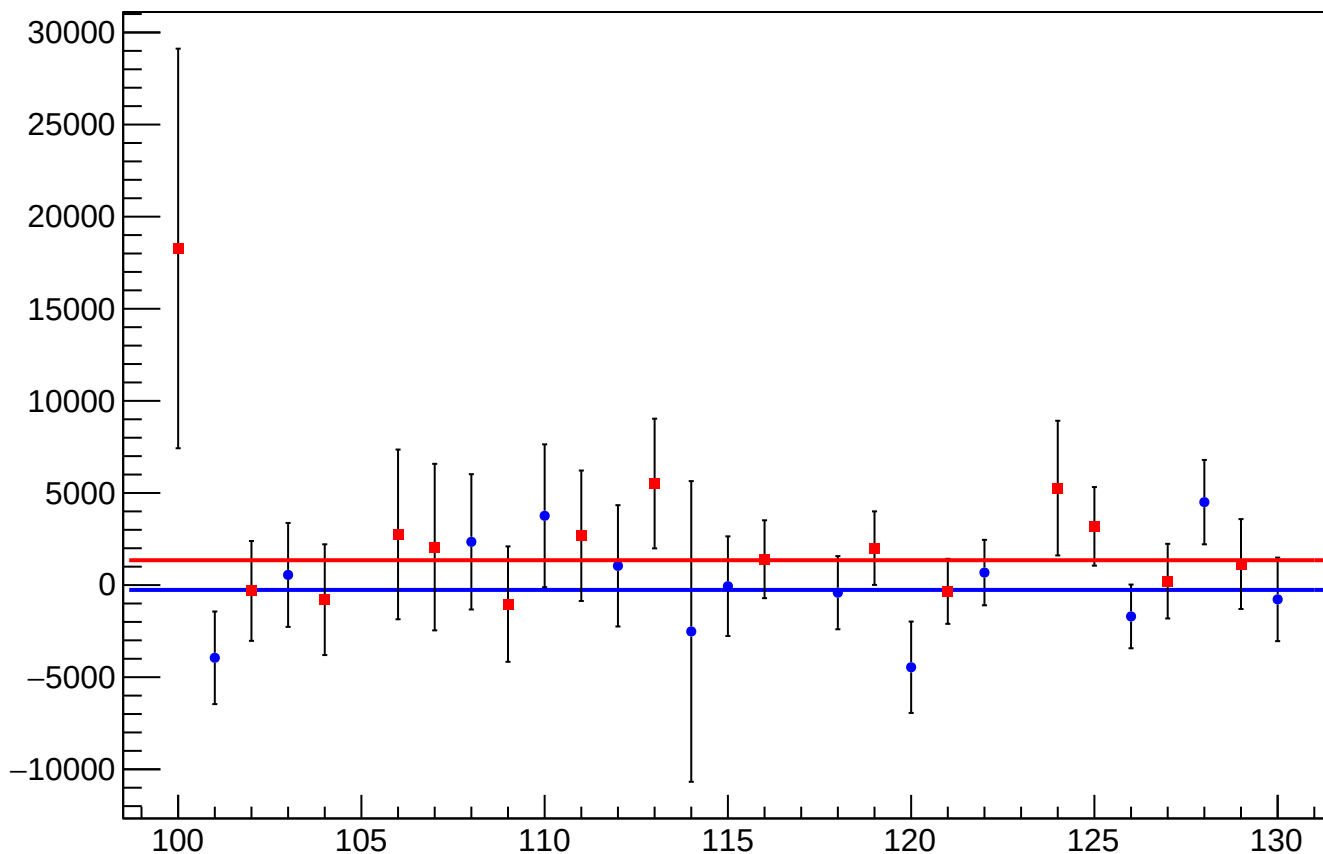
Right: 137.255+/-0.030 χ^2/NDF : 2093859.6/27

In: 136.137+/-0.043 χ^2/NDF : 938943.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.255+/-0.030 χ^2/NDF : 2093859.6/27

asym_sam_26_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -262.711+/-686.632 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1349.677+/-687.552 χ^2/NDF : 8.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

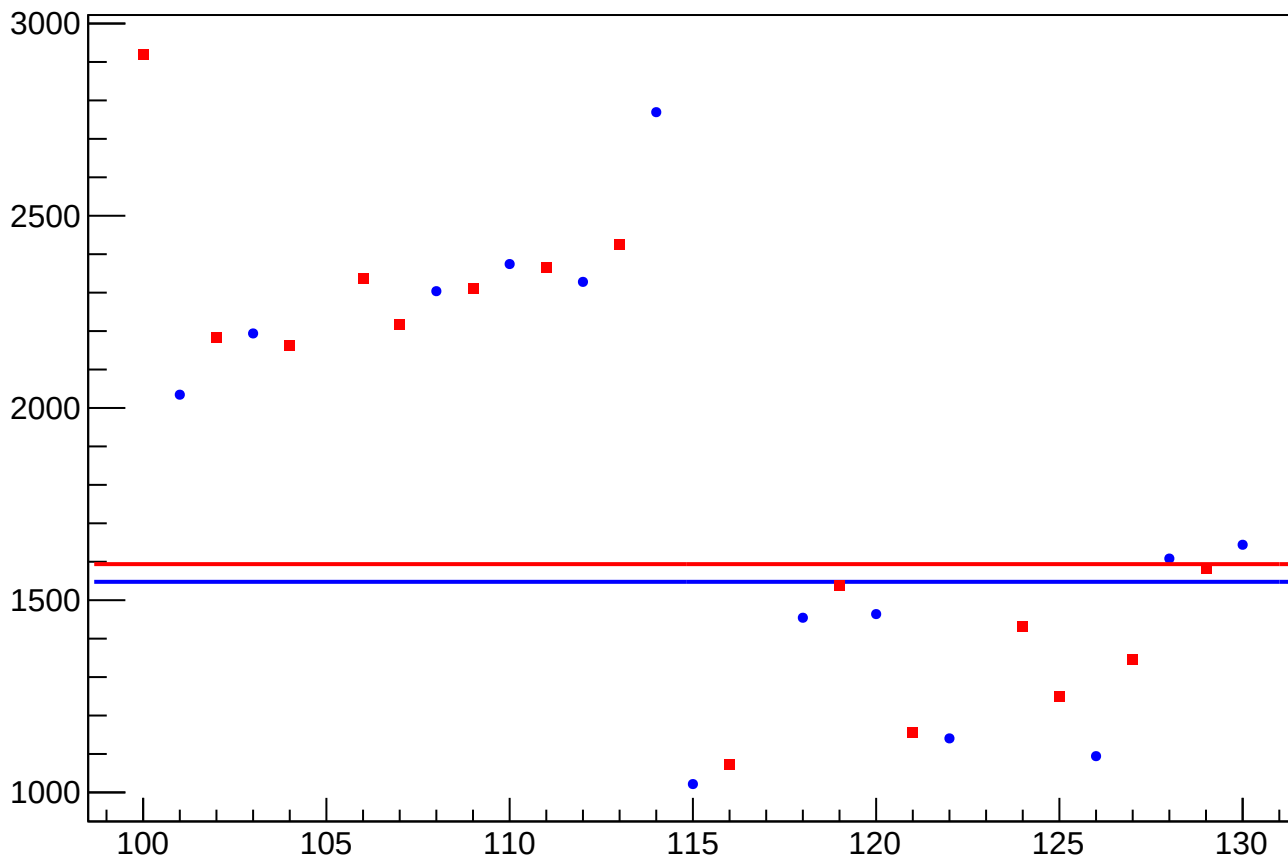
Right: 542.404+/-485.847 χ^2/NDF : 23.8/27

In: -262.711+/-686.632 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 542.404+/-485.847 χ^2/NDF : 23.8/27

asym_sam_26_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1547.789+/-0.486 χ^2/NDF : 842517.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1593.813+/-0.486 χ^2/NDF : 931066.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

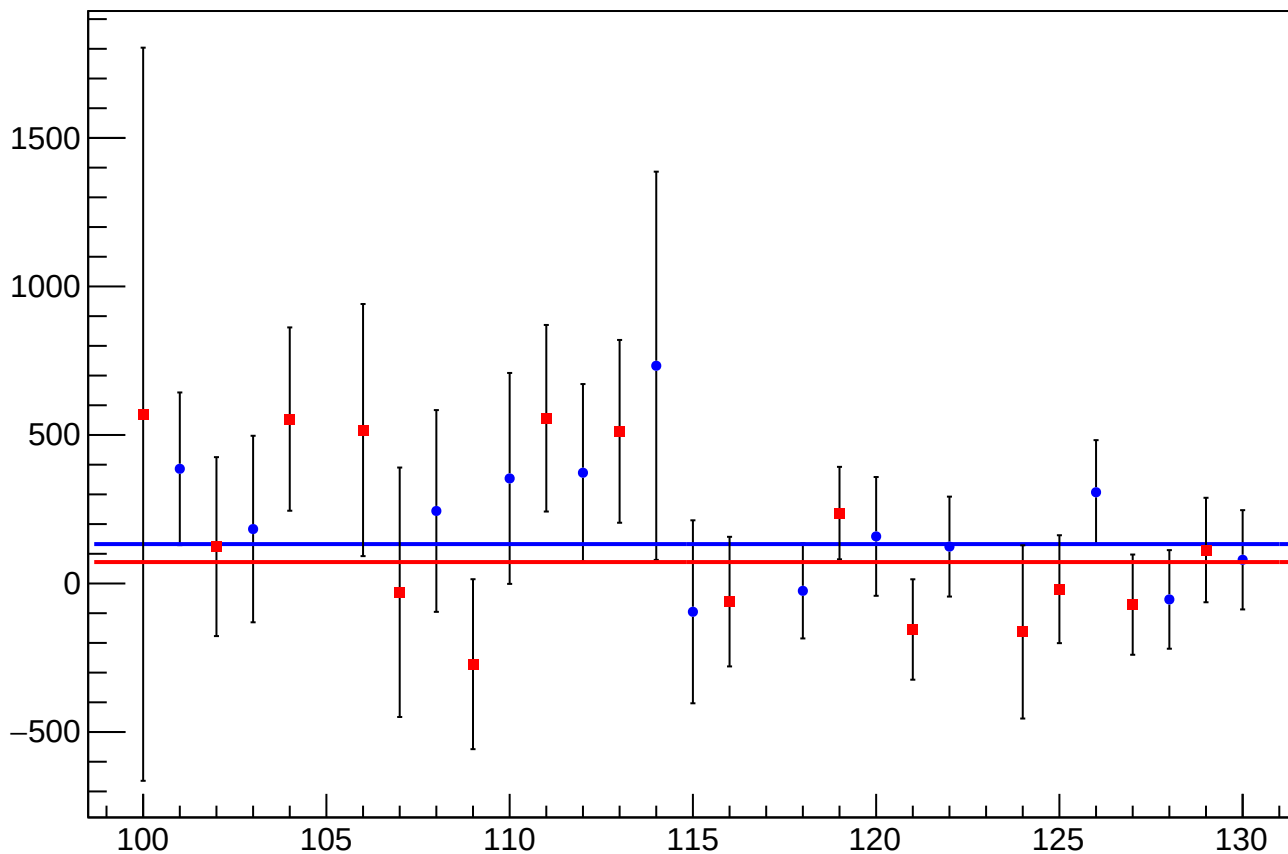
Right: 1570.770+/-0.344 χ^2/NDF : 1778070.6/27

In: 1547.789+/-0.486 χ^2/NDF : 842517.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1570.770+/-0.344 χ^2/NDF : 1778070.6/27

eigen_cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 132.665 $\pm$ 60.868 χ^2 /NDF: 6.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 72.176 $\pm$ 60.505 χ^2 /NDF: 14.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

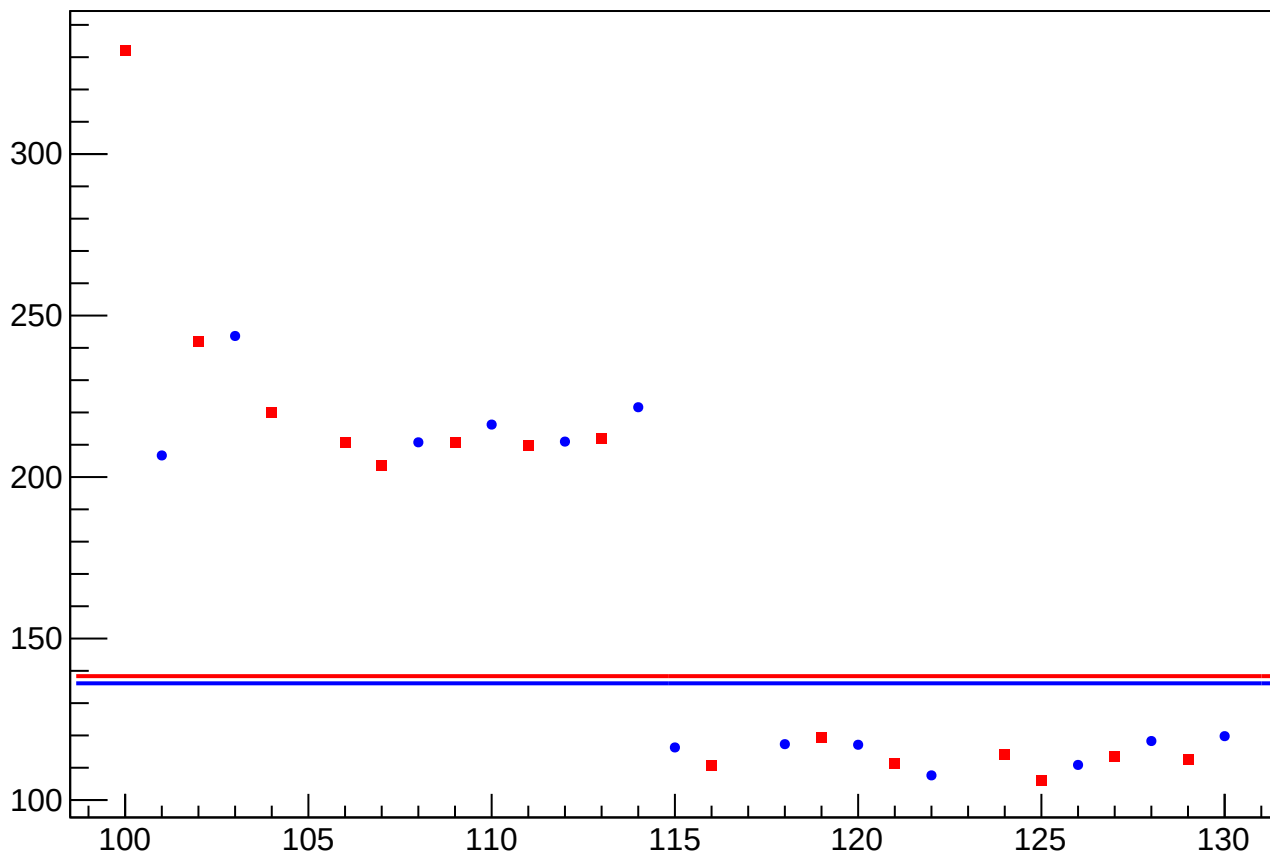
Right: 102.240 $\pm$ 42.911 χ^2 /NDF: 22.0/27

In: 132.665 $\pm$ 60.868 χ^2 /NDF: 6.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 102.240 $\pm$ 42.911 χ^2 /NDF: 22.0/27

eigen_cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 136.137+/-0.043 χ^2/NDF : 938943.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 138.359+/-0.043 χ^2/NDF : 1153575.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

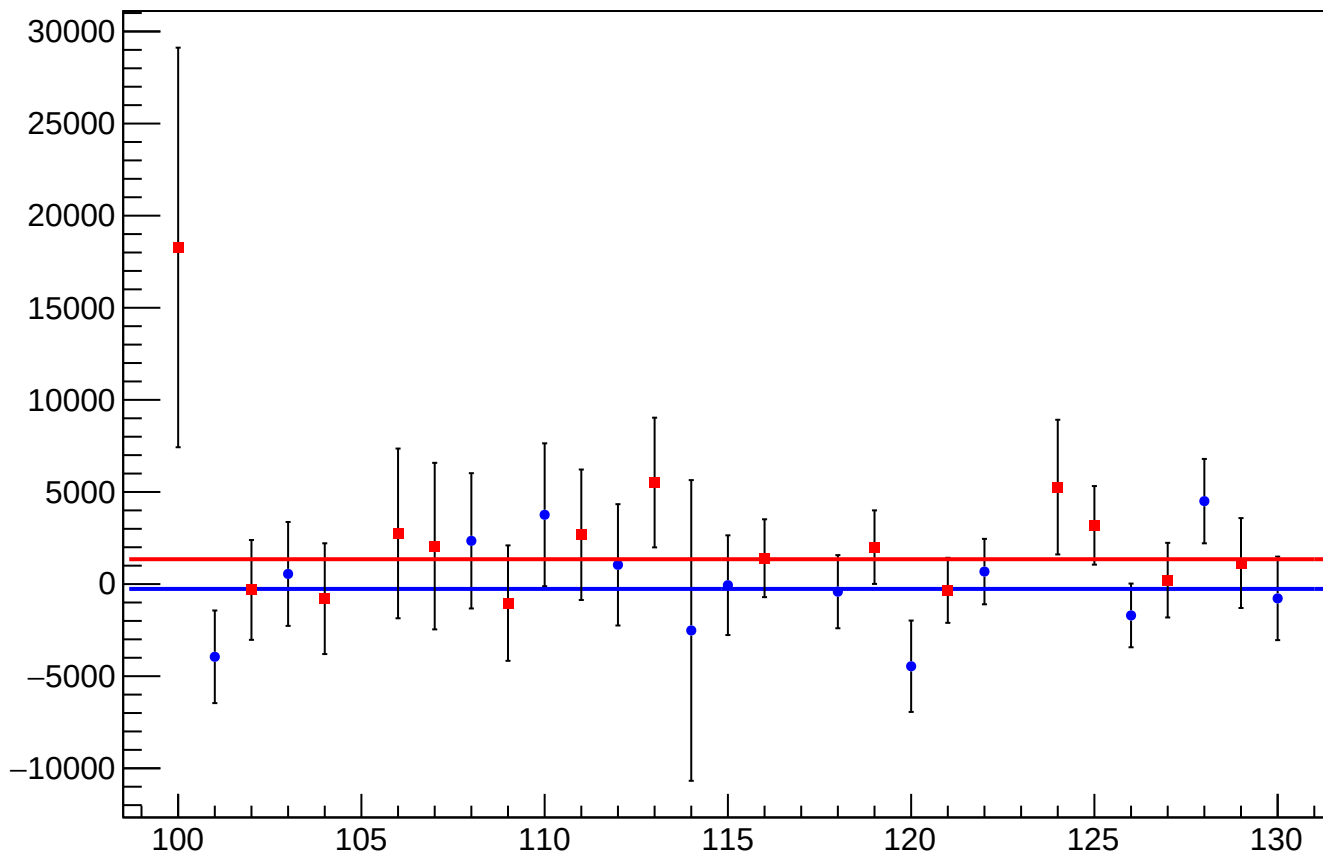
Right: 137.255+/-0.030 χ^2/NDF : 2093859.6/27

In: 136.137+/-0.043 χ^2/NDF : 938943.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.255+/-0.030 χ^2/NDF : 2093859.6/27

asym_sam_26_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -262.711+/-686.632 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1349.677+/-687.552 χ^2/NDF : 8.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

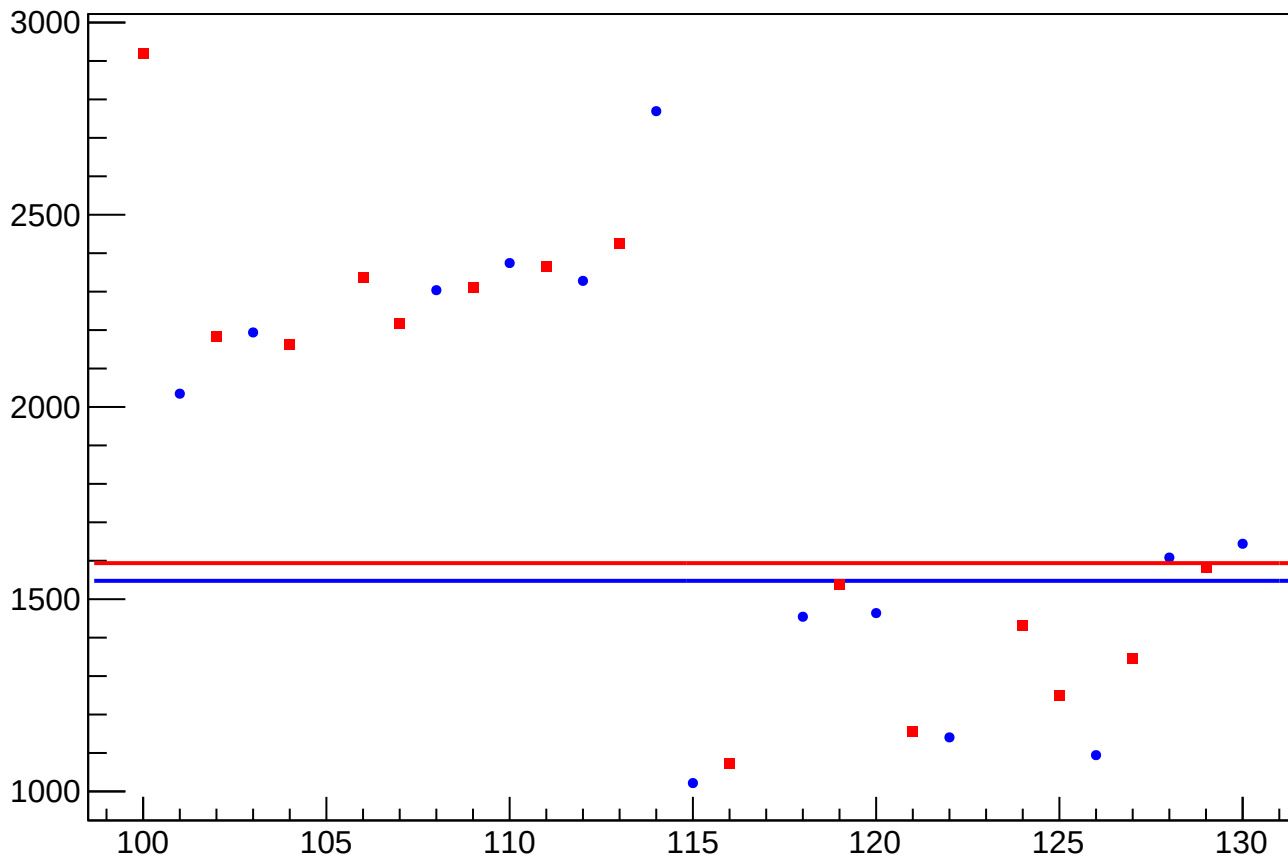
Right: 542.404+/-485.847 χ^2/NDF : 23.8/27

In: -262.711+/-686.632 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 542.404+/-485.847 χ^2/NDF : 23.8/27

asym_sam_26_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1547.789+/-0.486 χ^2/NDF : 842517.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1593.813+/-0.486 χ^2/NDF : 931066.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

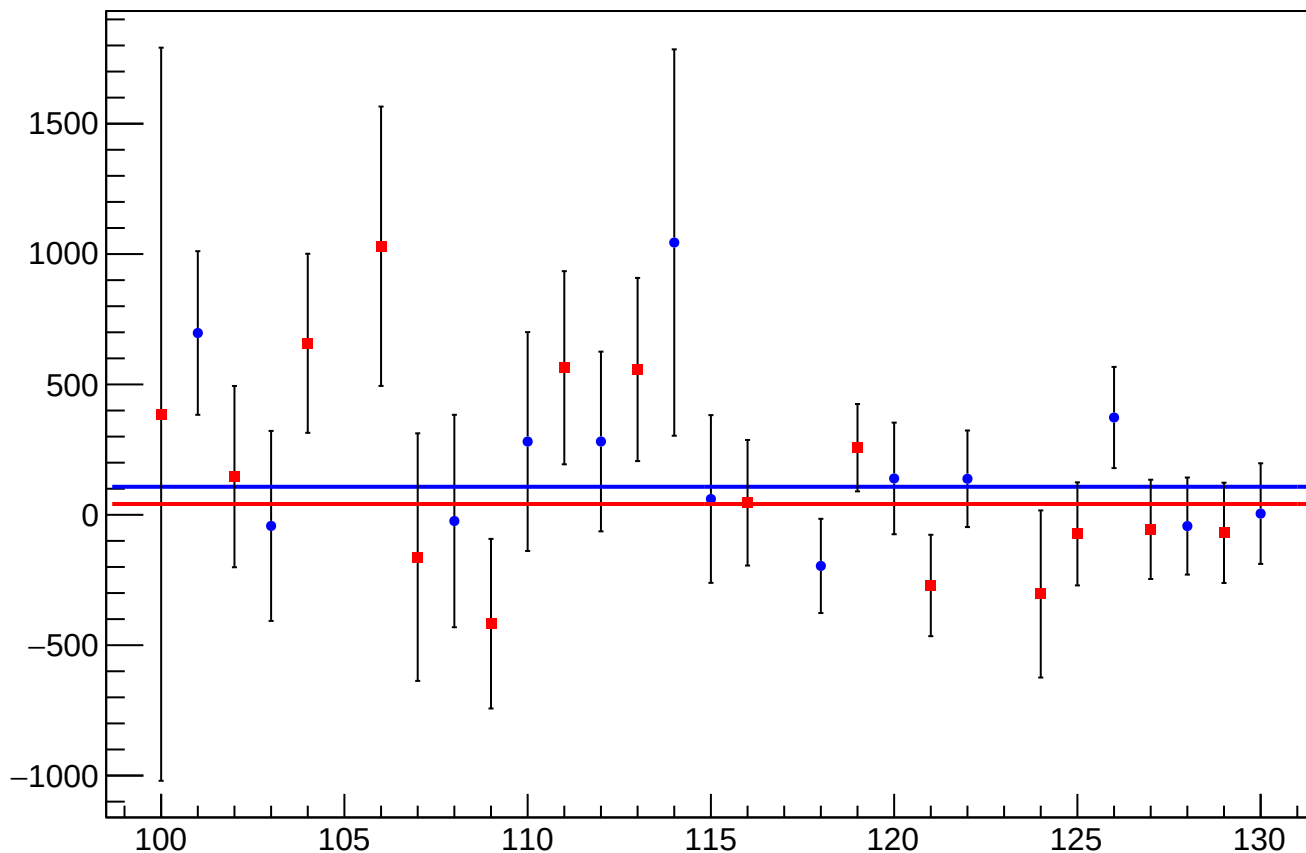
Right: 1570.770+/-0.344 χ^2/NDF : 1778070.6/27

In: 1547.789+/-0.486 χ^2/NDF : 842517.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1570.770+/-0.344 χ^2/NDF : 1778070.6/27

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 107.582 $\pm$ 68.492 χ^2 /NDF: 11.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 41.527 $\pm$ 67.518 χ^2 /NDF: 19.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

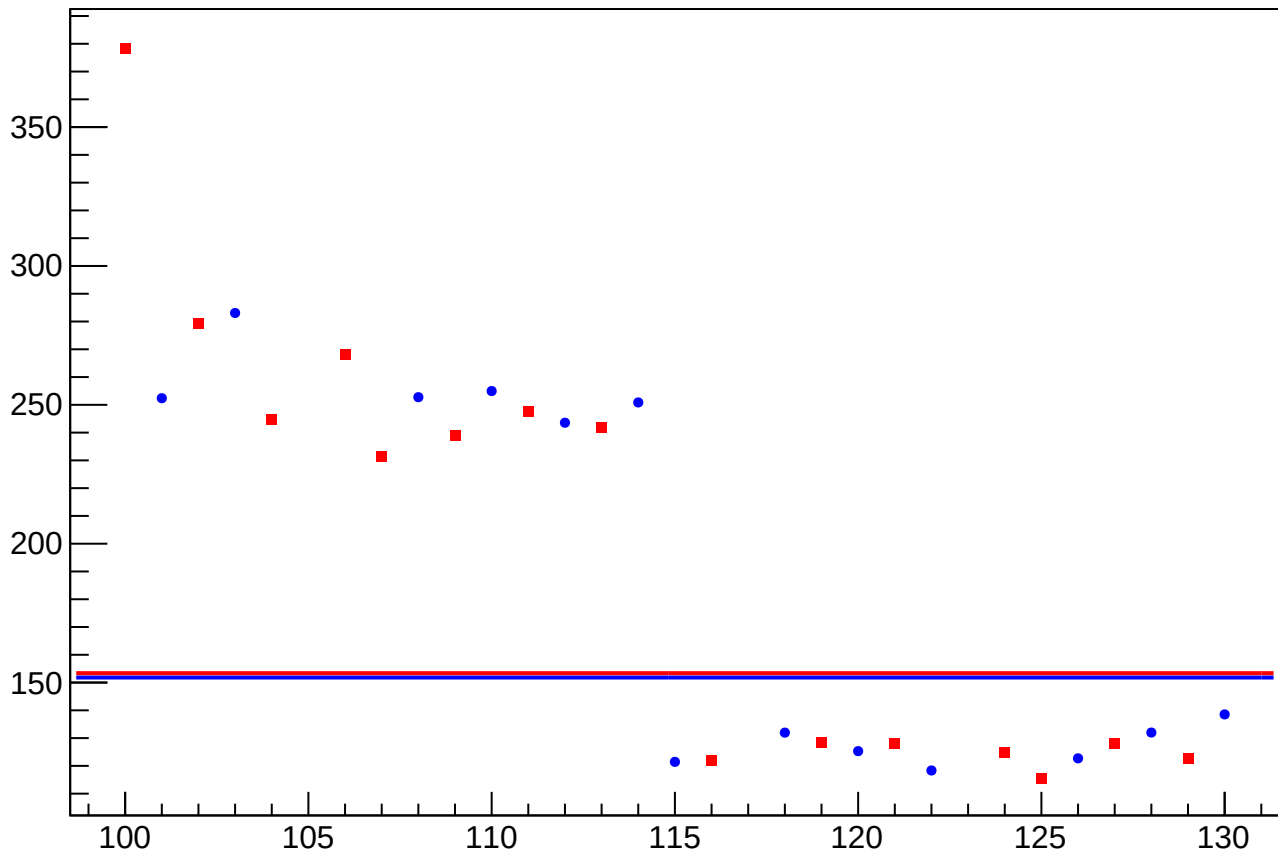
Right: 74.081 $\pm$ 48.083 χ^2 /NDF: 31.4/27

In: 107.582 $\pm$ 68.492 χ^2 /NDF:11.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 74.081 $\pm$ 48.083 χ^2 /NDF: 31.4/27

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 151.817+/-0.048 χ^2/NDF : 1101110.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.389+/-0.048 χ^2/NDF : 1284303.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

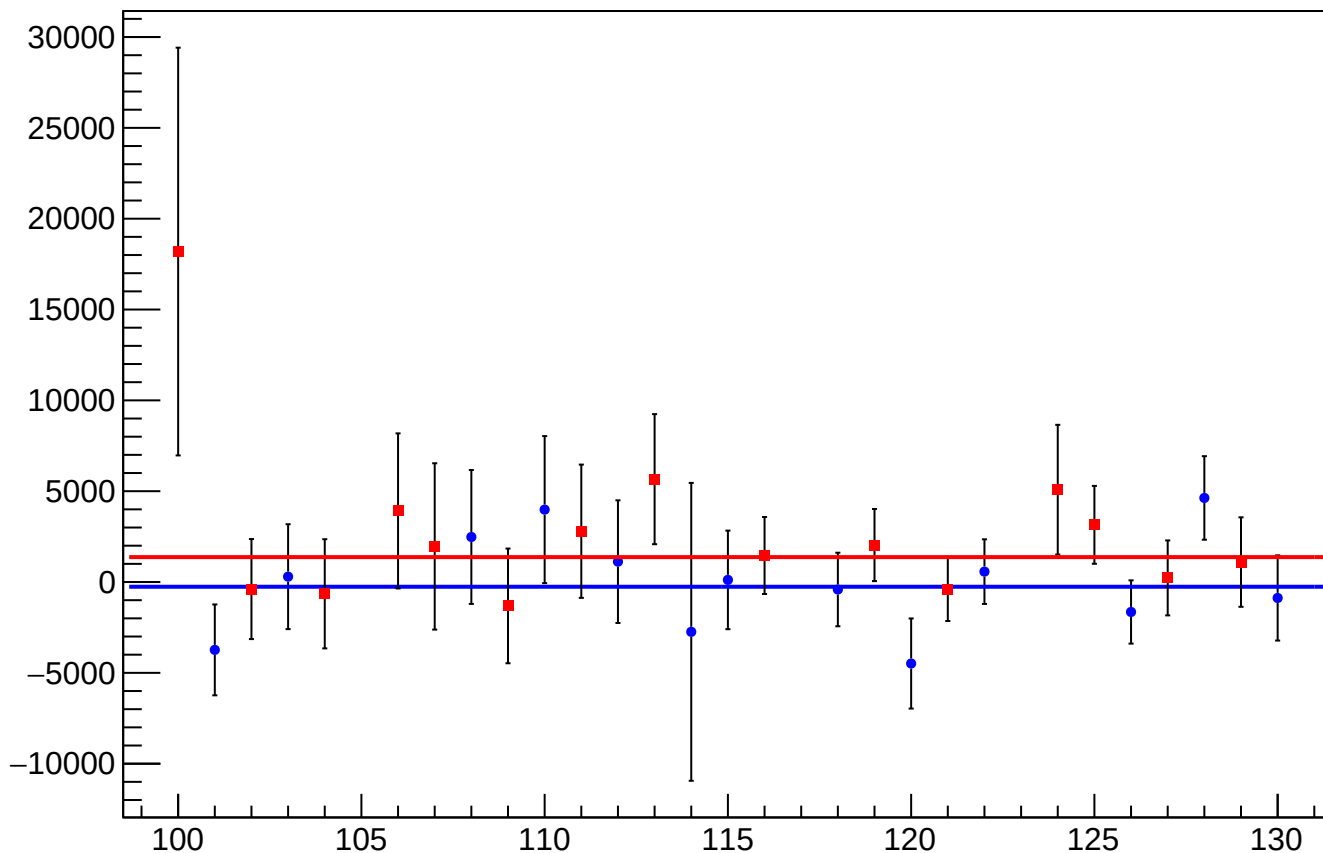
Right: 152.614+/-0.034 χ^2/NDF : 2385947.9/27

In: 151.817+/-0.048 χ^2/NDF : 1101110.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.614+/-0.034 χ^2/NDF : 2385947.9/27

asym_sam_26_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -259.725+/-694.037 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1372.032+/-689.812 χ^2/NDF : 9.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

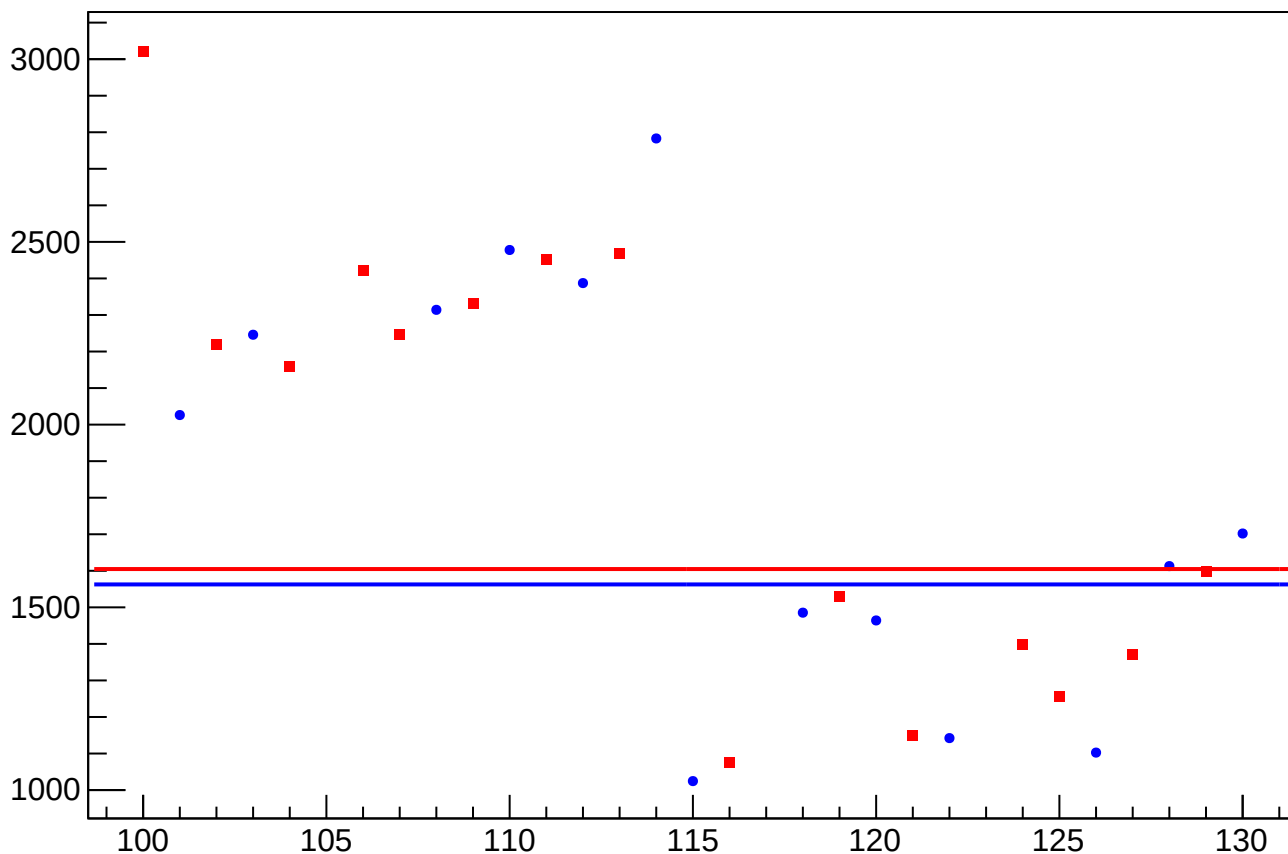
Right: 561.135+/-489.258 χ^2/NDF : 24.0/27

In: -259.725+/-694.037 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 561.135+/-489.258 χ^2/NDF : 24.0/27

asym_sam_26_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1562.711+/-0.491 χ^2/NDF : 873672.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1604.799+/-0.488 χ^2/NDF : 987148.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

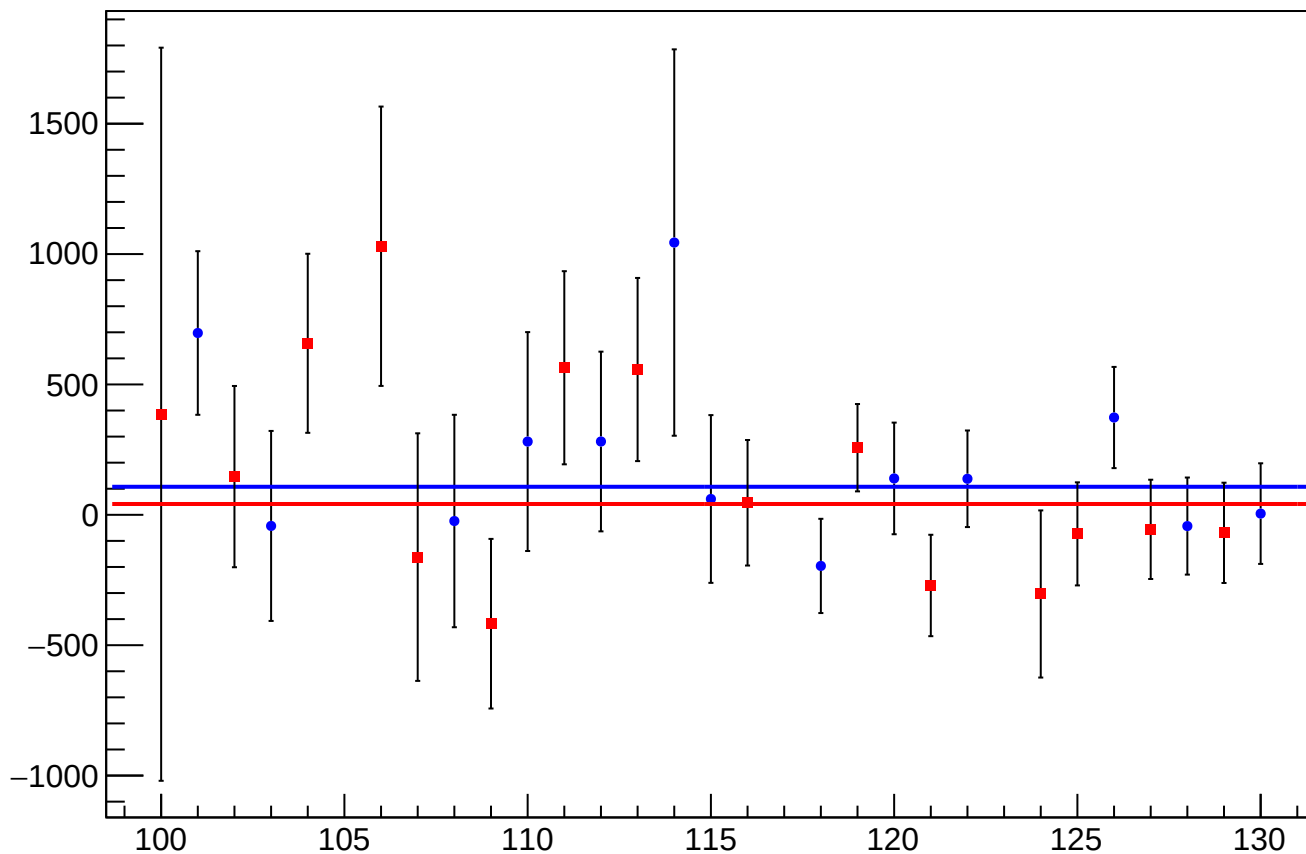
Right: 1583.883+/-0.346 χ^2/NDF : 1864520.4/27

In: 1562.711+/-0.491 χ^2/NDF : 873672.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1583.883+/-0.346 χ^2/NDF : 1864520.4/27

eigen_dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 107.581+/-68.492 χ^2/NDF : 11.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.525+/-67.518 χ^2/NDF : 19.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

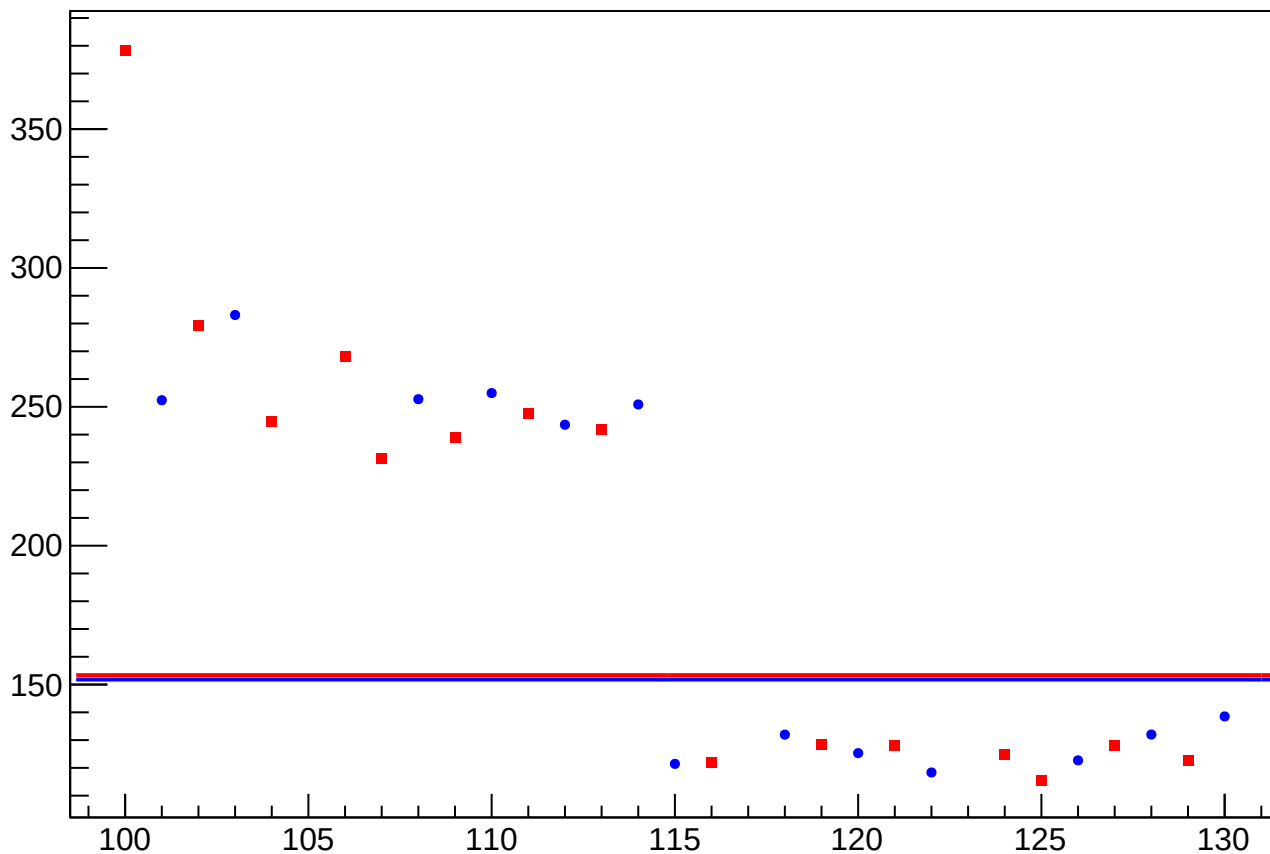
Right: 74.080+/-48.083 χ^2/NDF : 31.4/27

In: 107.581+/-68.492 χ^2/NDF : 11.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.080+/-48.083 χ^2/NDF : 31.4/27

eigen_dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 151.816+/-0.048 χ^2/NDF : 1101102.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.389+/-0.048 χ^2/NDF : 1284285.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

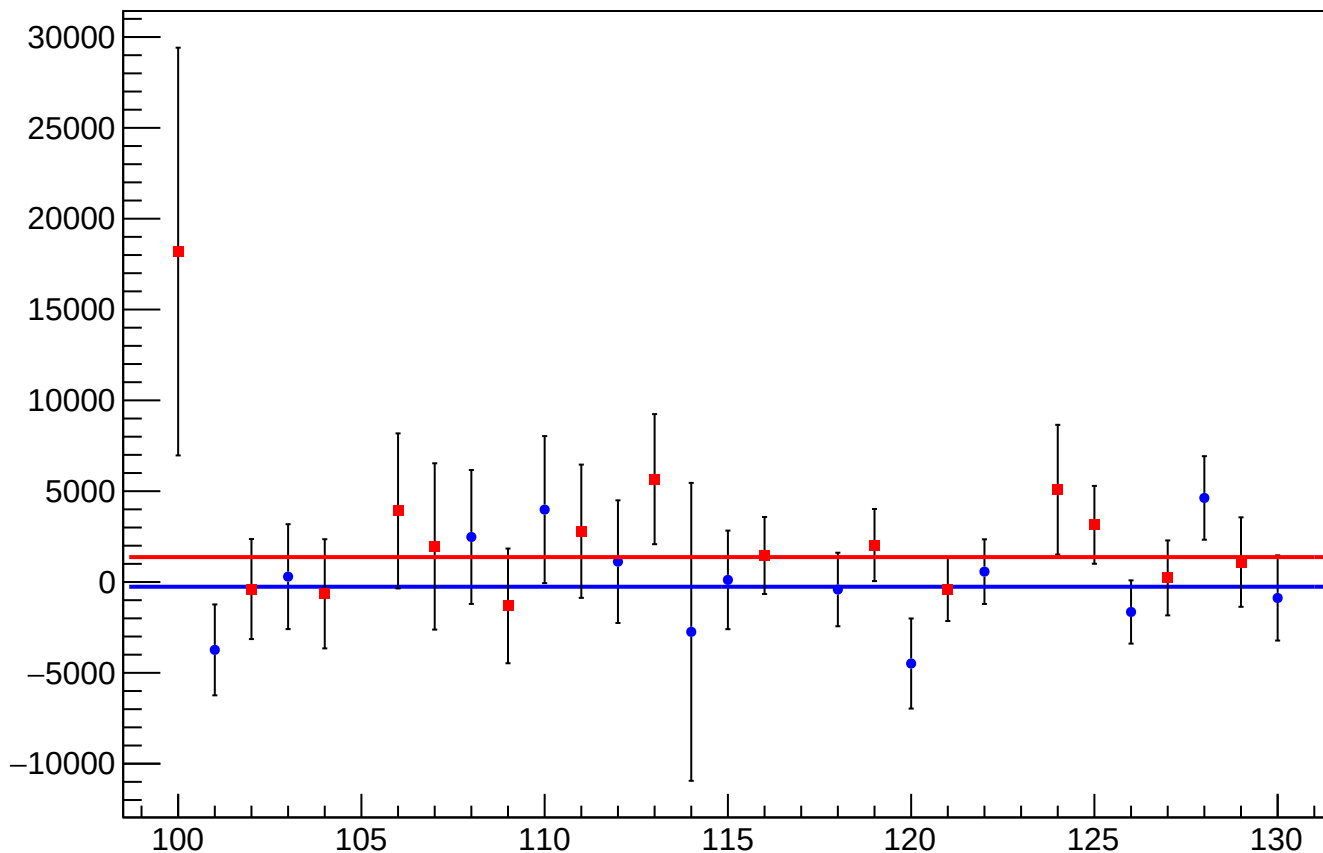
Right: 152.614+/-0.034 χ^2/NDF : 2385922.8/27

In: 151.816+/-0.048 χ^2/NDF : 1101102.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.614+/-0.034 χ^2/NDF : 2385922.8/27

asym_sam_26_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -259.721+/-694.035 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1372.030+/-689.811 χ^2/NDF : 9.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

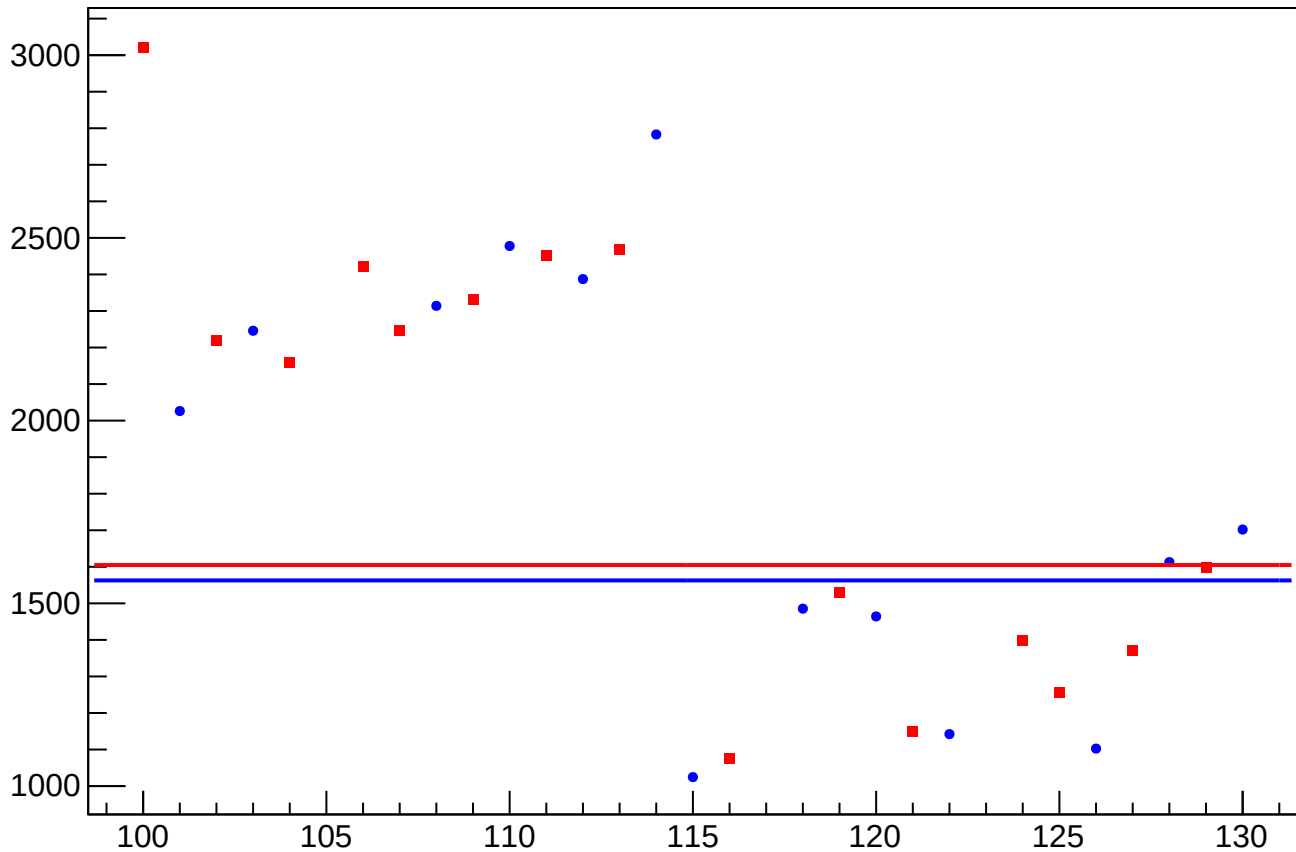
Right: 561.135+/-489.257 χ^2/NDF : 24.0/27

In: -259.721+/-694.035 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 561.135+/-489.257 χ^2/NDF : 24.0/27

asym_sam_26_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1562.708+/-0.491 χ^2/NDF : 873659.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1604.797+/-0.488 χ^2/NDF : 987136.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

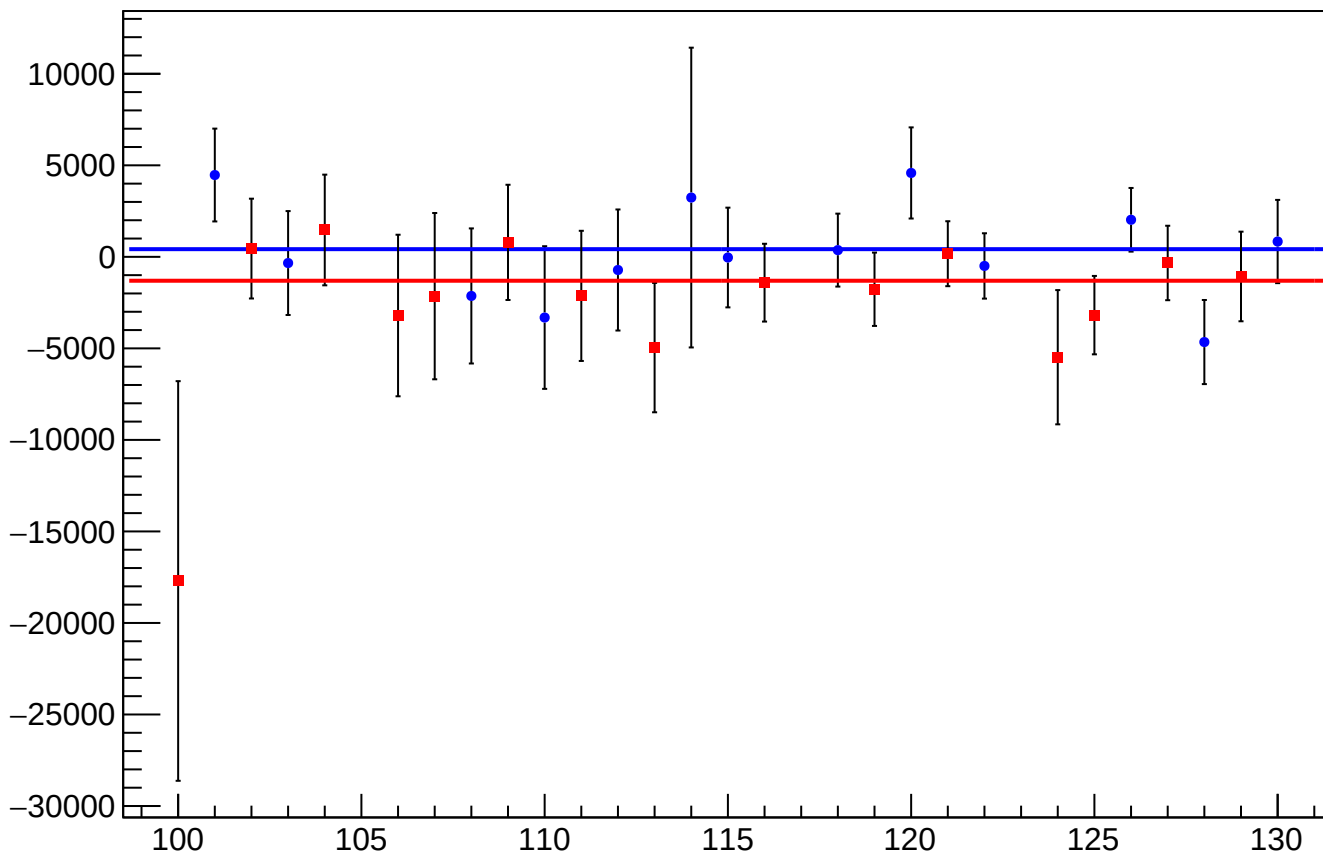
Right: 1583.881+/-0.346 χ^2/NDF : 1864496.0/27

In: 1562.708+/-0.491 χ^2/NDF : 873659.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1583.881+/-0.346 χ^2/NDF : 1864496.0/27

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 419.800+/-689.880 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1304.947+/-689.752 χ^2/NDF : 8.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

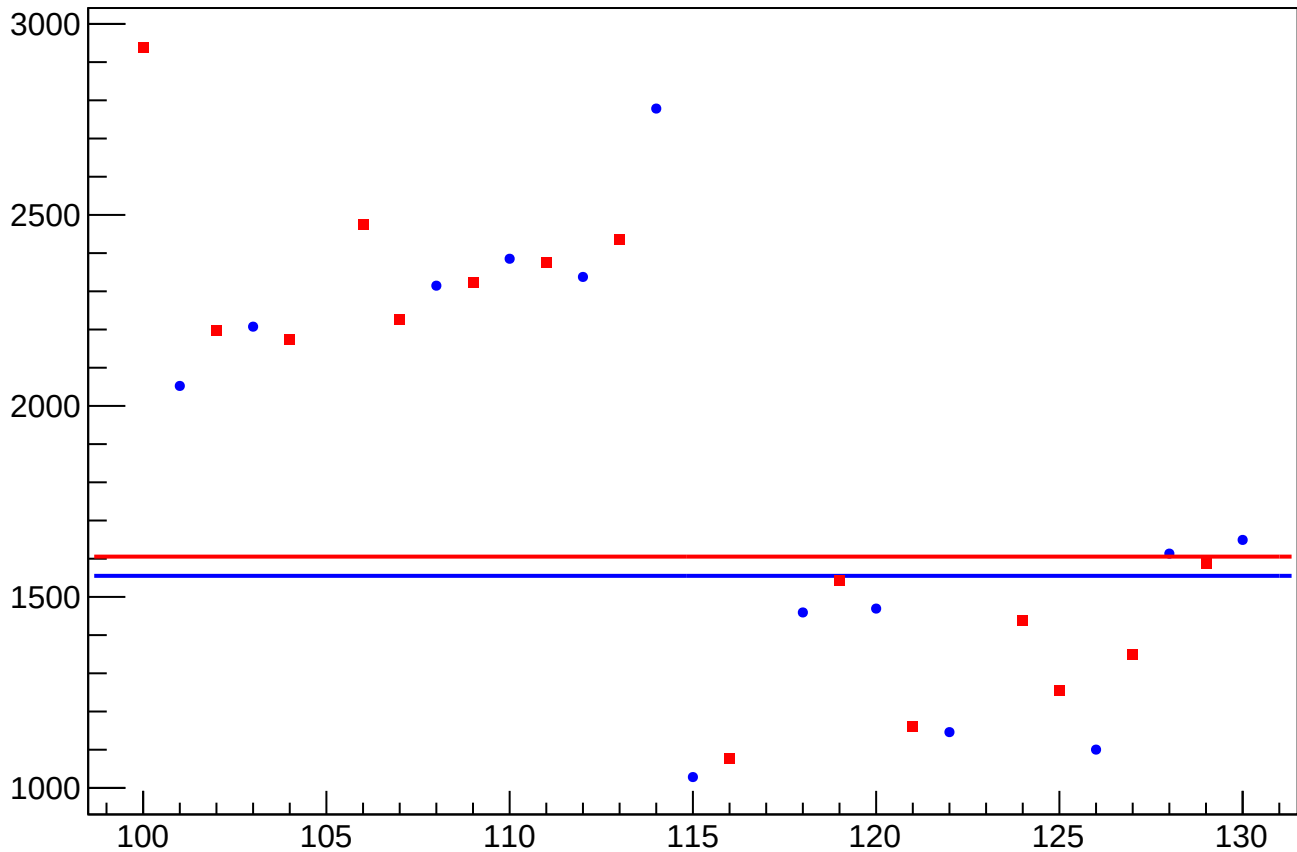
Right: -442.734+/-487.774 χ^2/NDF : 24.6/27

In: 419.800+/-689.880 χ^2/NDF : 13.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -442.734+/-487.774 χ^2/NDF : 24.6/27

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1555.151+/-0.488 χ^2/NDF : 843252.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1605.500+/-0.488 χ^2/NDF : 957573.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

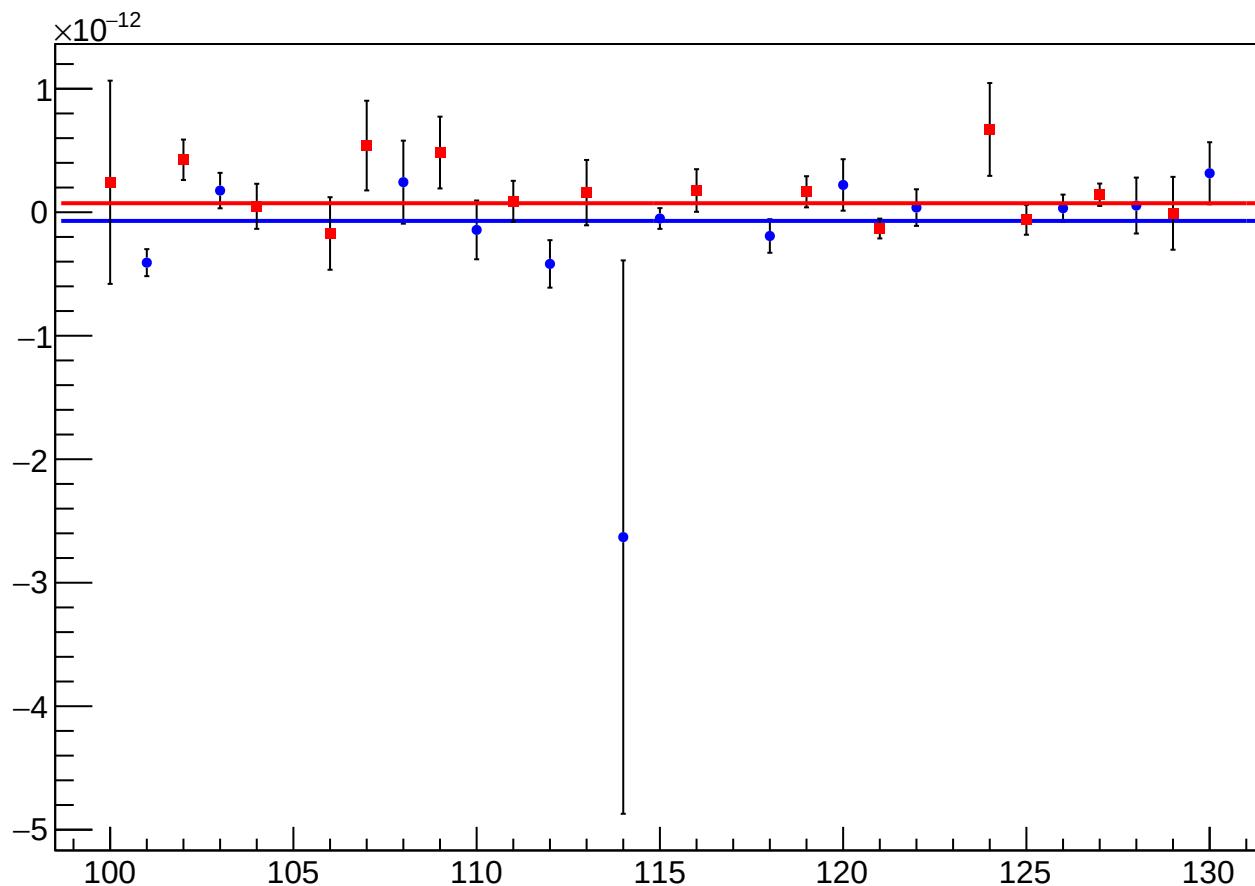
Right: 1580.330+/-0.345 χ^2/NDF : 1806153.2/27

In: 1555.151+/-0.488 χ^2/NDF : 843252.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1580.330+/-0.345 χ^2/NDF : 1806153.2/27

asym_sam_26_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 24.9/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 21.0/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

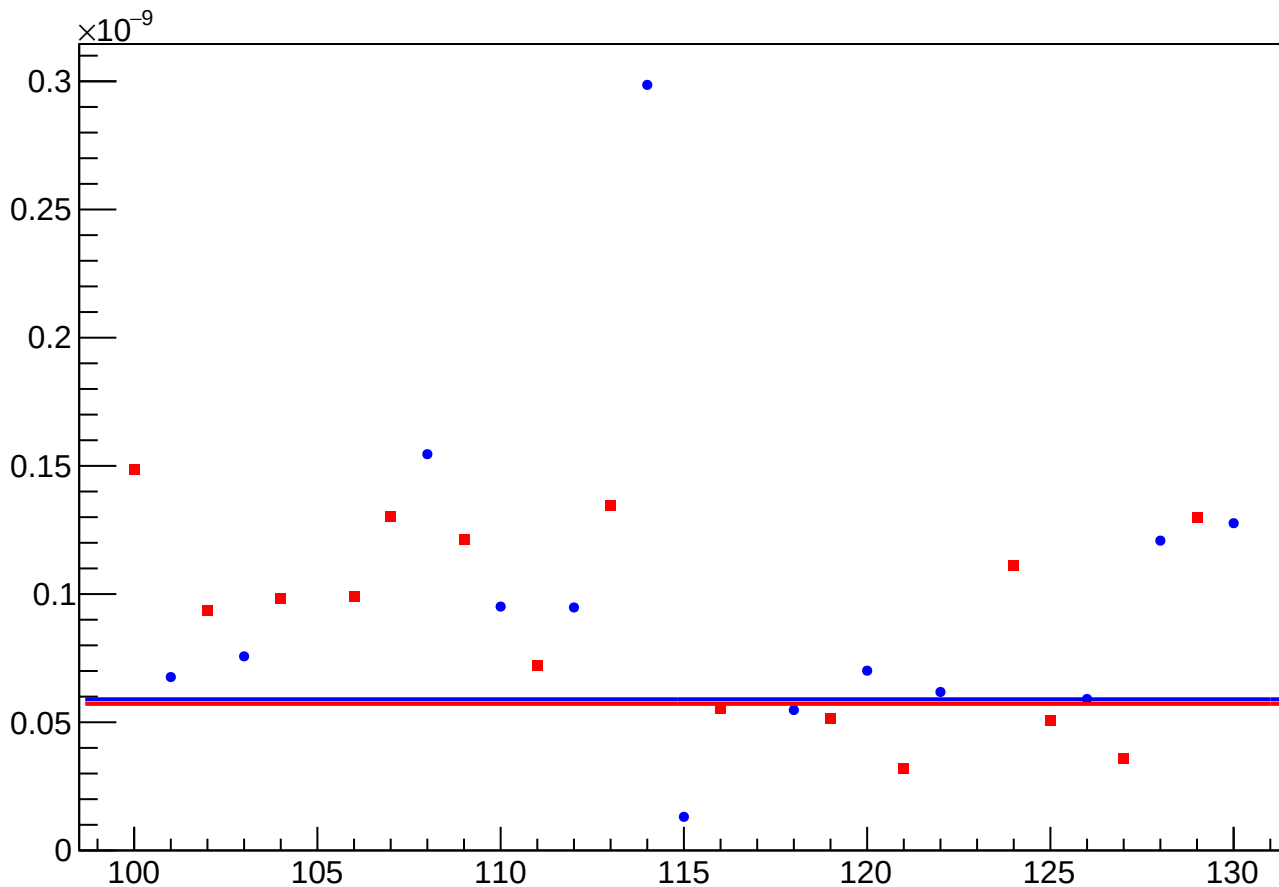
Right: 0.000+/-0.000 χ^2 /NDF: 51.9/27

In: -0.000+/-0.000 χ^2 /NDF:24.9/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 51.9/27

asym_sam_26_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1244144.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1112161.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

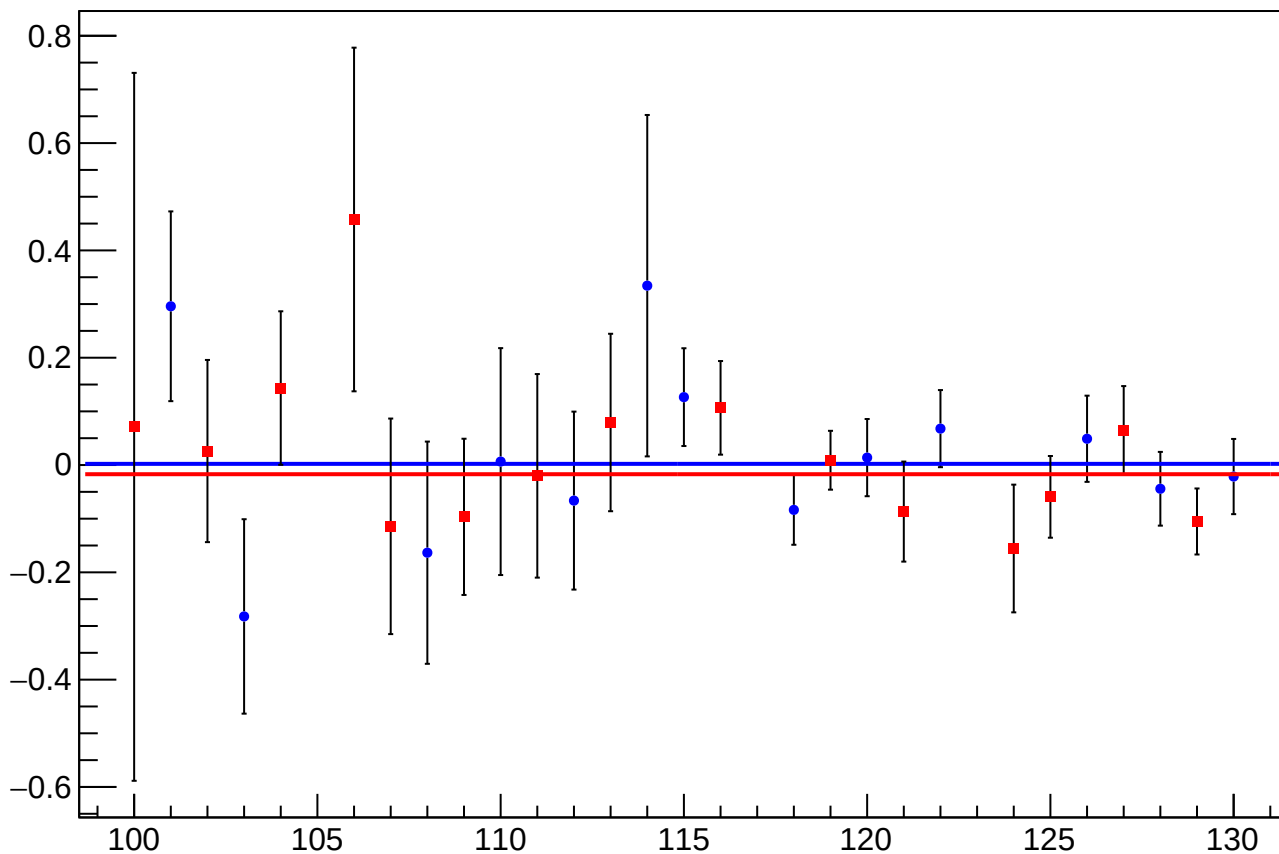
Right: 0.000+/-0.000 χ^2/NDF : 2358166.0/27

In: 0.000+/-0.000 χ^2/NDF : 1244144.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2358166.0/27

asym_sam_26_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002+/-0.026 χ^2/NDF : 12.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.017+/-0.026 χ^2/NDF : 11.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

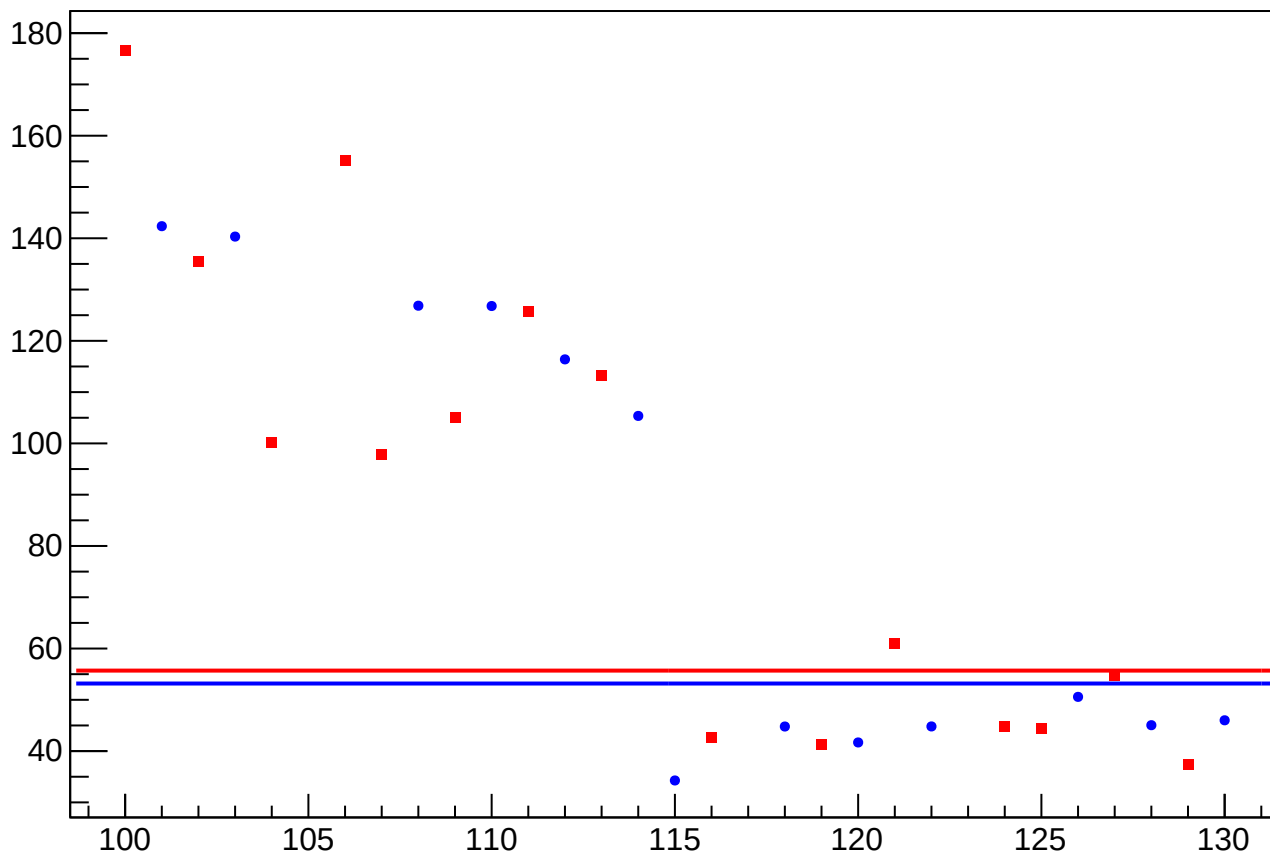
Right: -0.007+/-0.018 χ^2/NDF : 24.7/27

In: 0.002+/-0.026 χ^2/NDF : 12.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.018 χ^2/NDF : 24.7/27

asym_sam_26_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.178+/-0.018 χ^2/NDF : 2059710.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.698+/-0.018 χ^2/NDF : 2156810.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

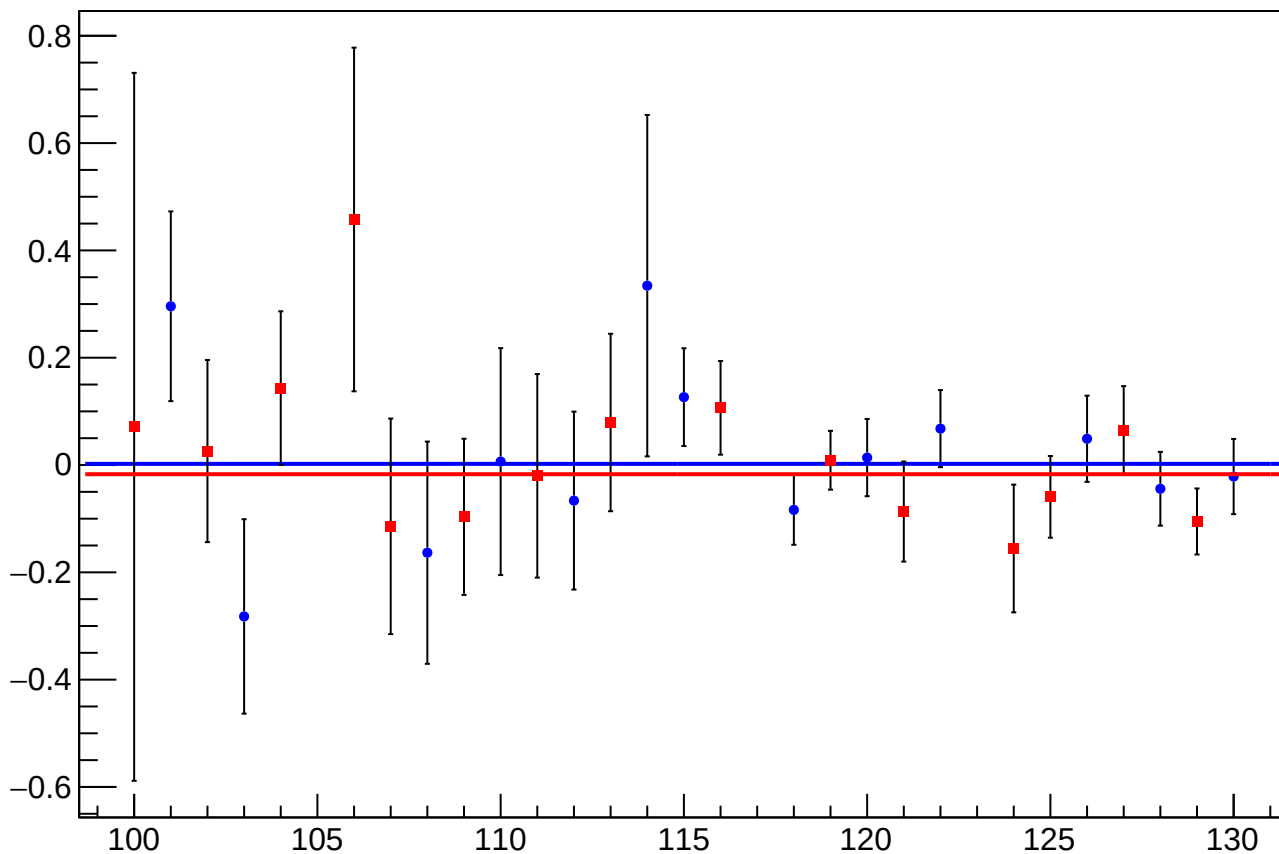
Right: 54.436+/-0.013 χ^2/NDF : 4225839.2/27

In: 53.178+/-0.018 χ^2/NDF : 2059710.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.436+/-0.013 χ^2/NDF : 4225839.2/27

asym_sam_26_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.026 χ^2 /NDF: 12.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.017 $\pm$ 0.026 χ^2 /NDF: 11.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

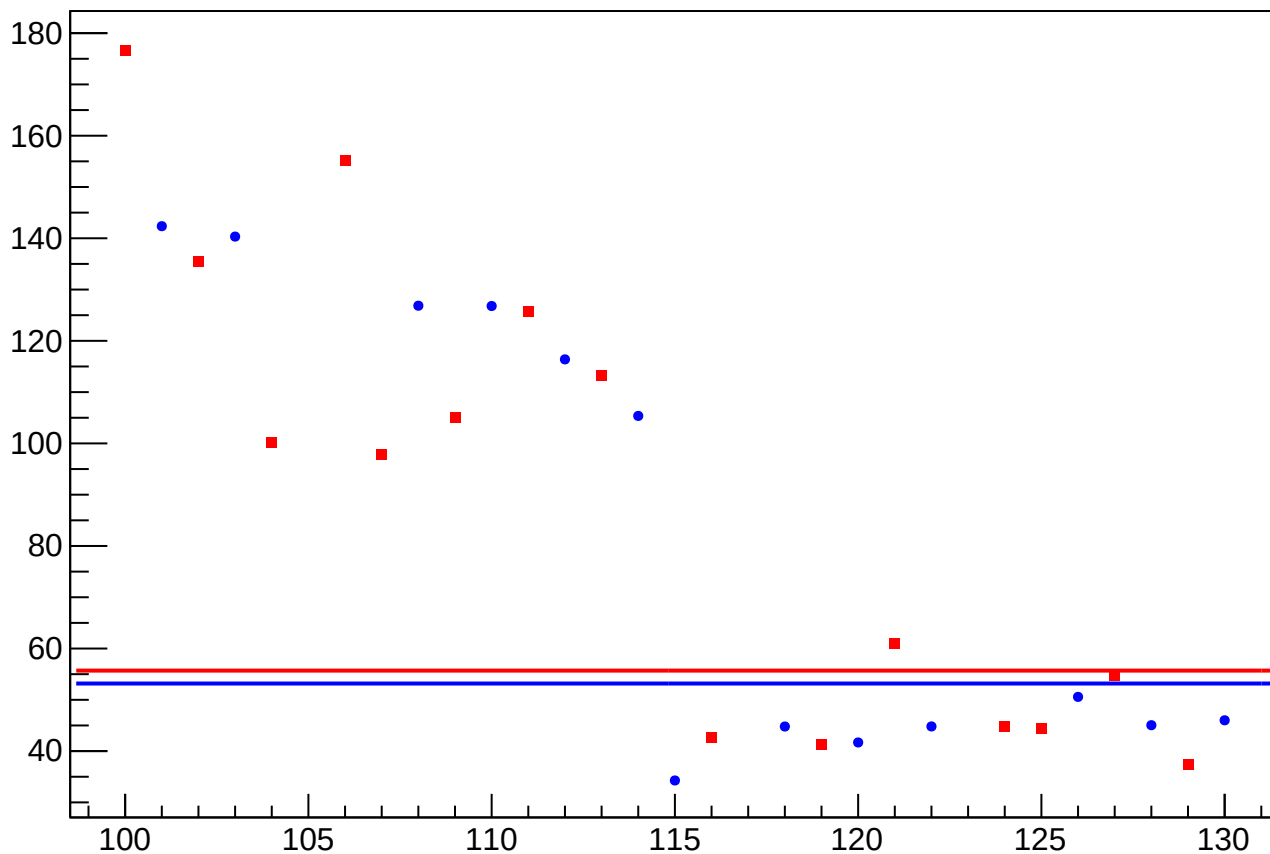
Right: -0.007 $\pm$ 0.018 χ^2 /NDF: 24.7/27

In: 0.002 $\pm$ 0.026 χ^2 /NDF:12.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.018 χ^2 /NDF: 24.7/27

asym_sam_26_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.178+/-0.018 χ^2/NDF : 2059710.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.698+/-0.018 χ^2/NDF : 2156810.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

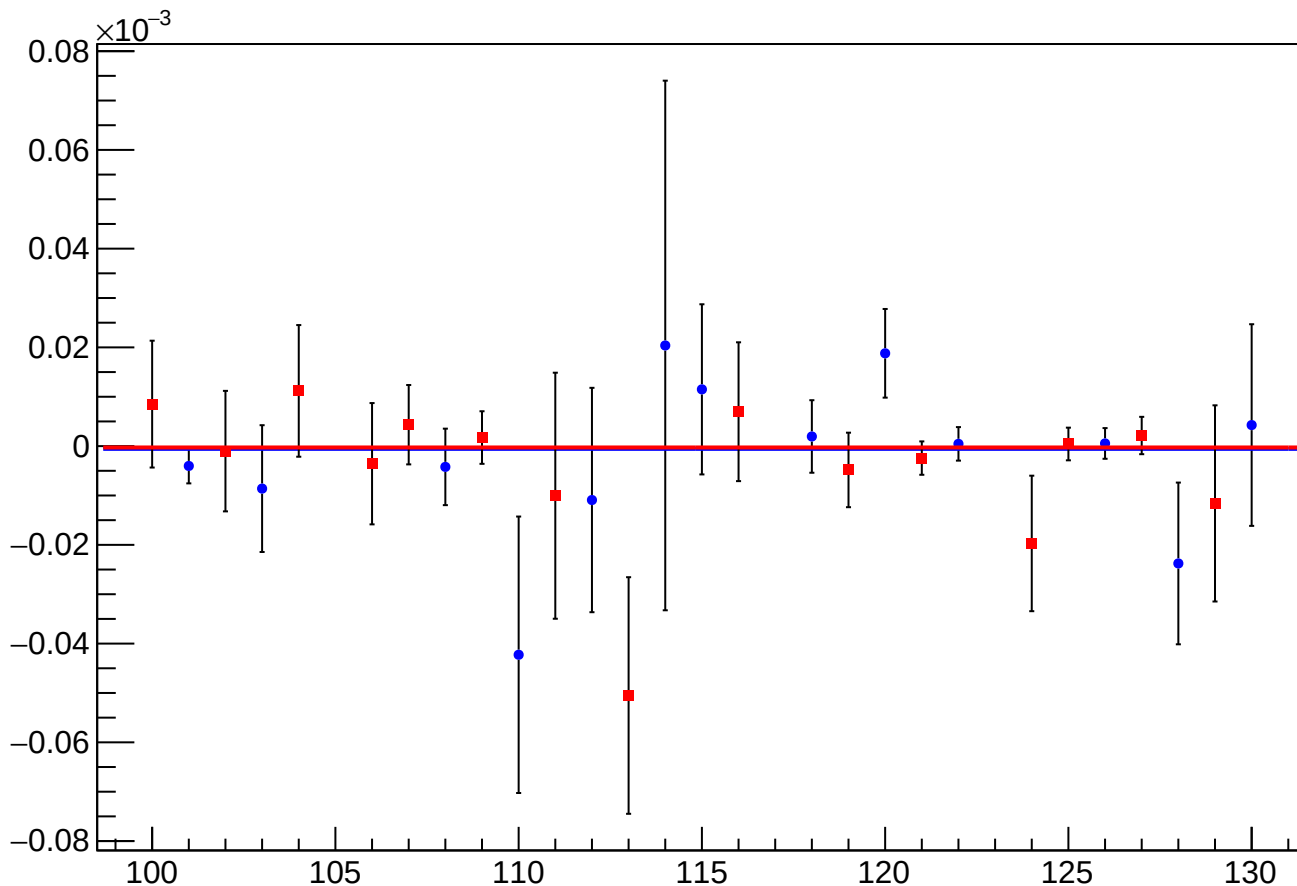
Right: 54.436+/-0.013 χ^2/NDF : 4225839.2/27

In: 53.178+/-0.018 χ^2/NDF : 2059710.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.436+/-0.013 χ^2/NDF : 4225839.2/27

asym_sam_26_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

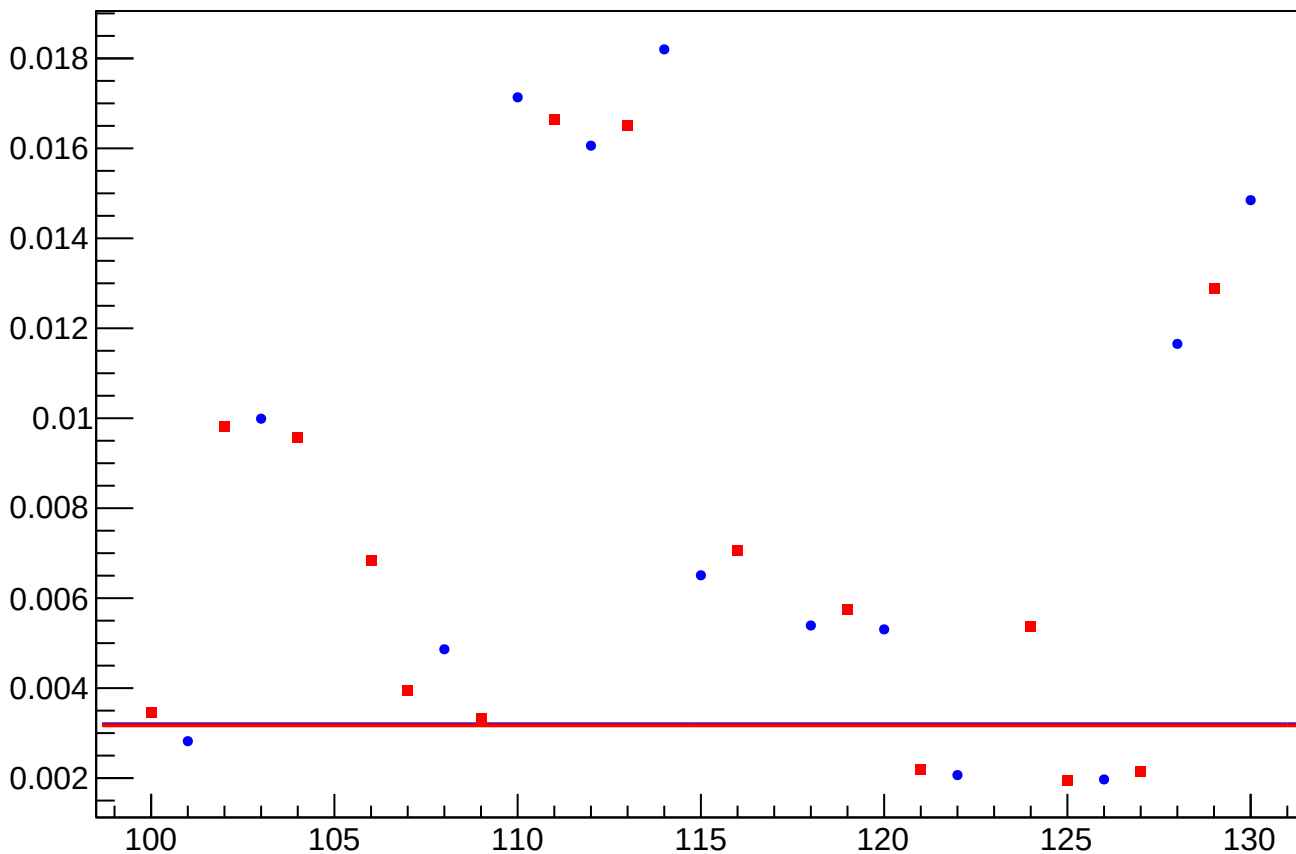
Right: -0.000+/-0.000 χ^2/NDF : 21.8/27

In: -0.000+/-0.000 χ^2/NDF : 11.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.8/27

asym_sam_26_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000

χ^2/NDF : 4047706.4/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000

χ^2/NDF : 3962774.0/14

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.003+/-0.000

χ^2/NDF : 8010630.9/27

In: 0.003+/-0.000

χ^2/NDF : 4047706.4/12

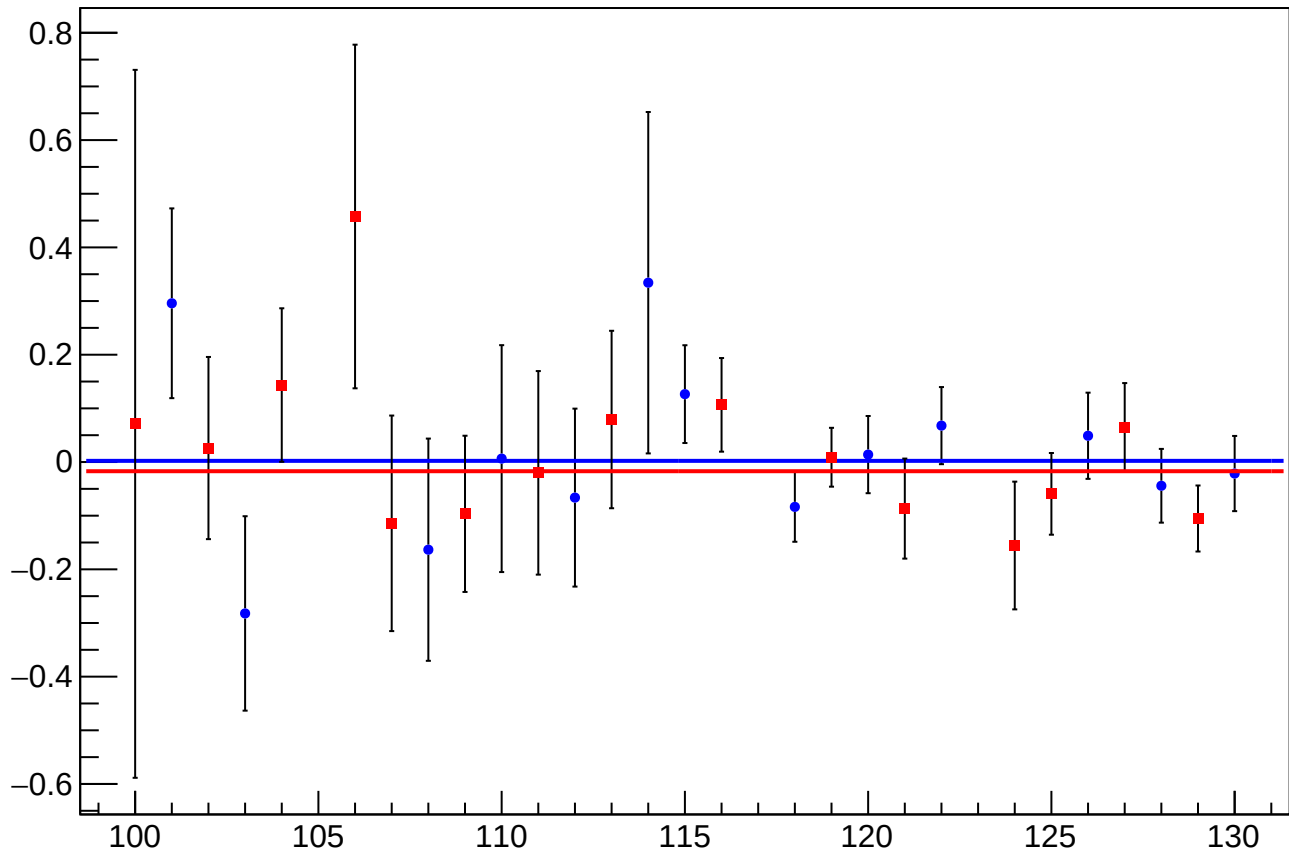
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.003+/-0.000

χ^2/NDF : 8010630.9/27

asym_sam_26_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.026 χ^2 /NDF: 12.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.017 $\pm$ 0.026 χ^2 /NDF: 11.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

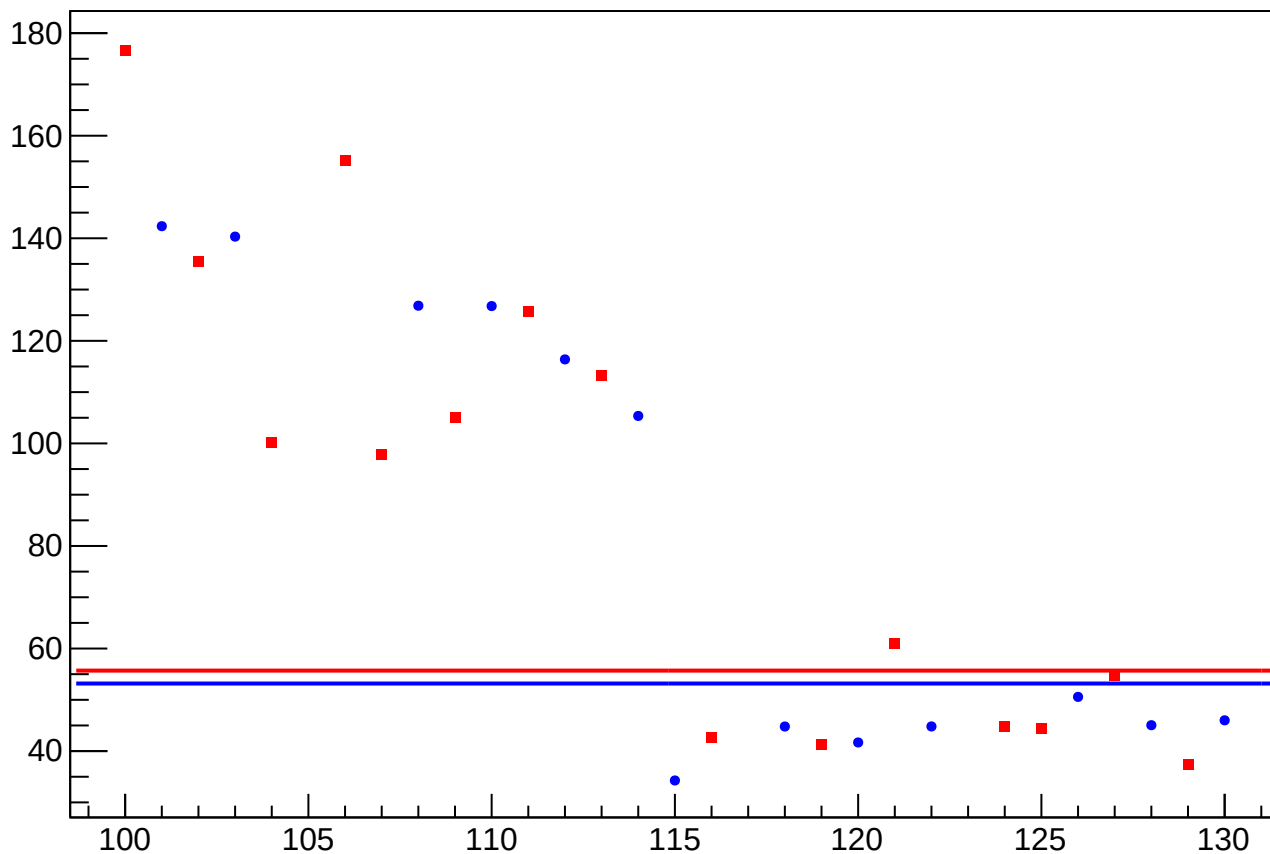
Right: -0.007 $\pm$ 0.018 χ^2 /NDF: 24.7/27

In: 0.002 $\pm$ 0.026 χ^2 /NDF:12.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.018 χ^2 /NDF: 24.7/27

asym_sam_26_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.177+/-0.018 χ^2/NDF : 2059644.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 55.698+/-0.018 χ^2/NDF : 2156716.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

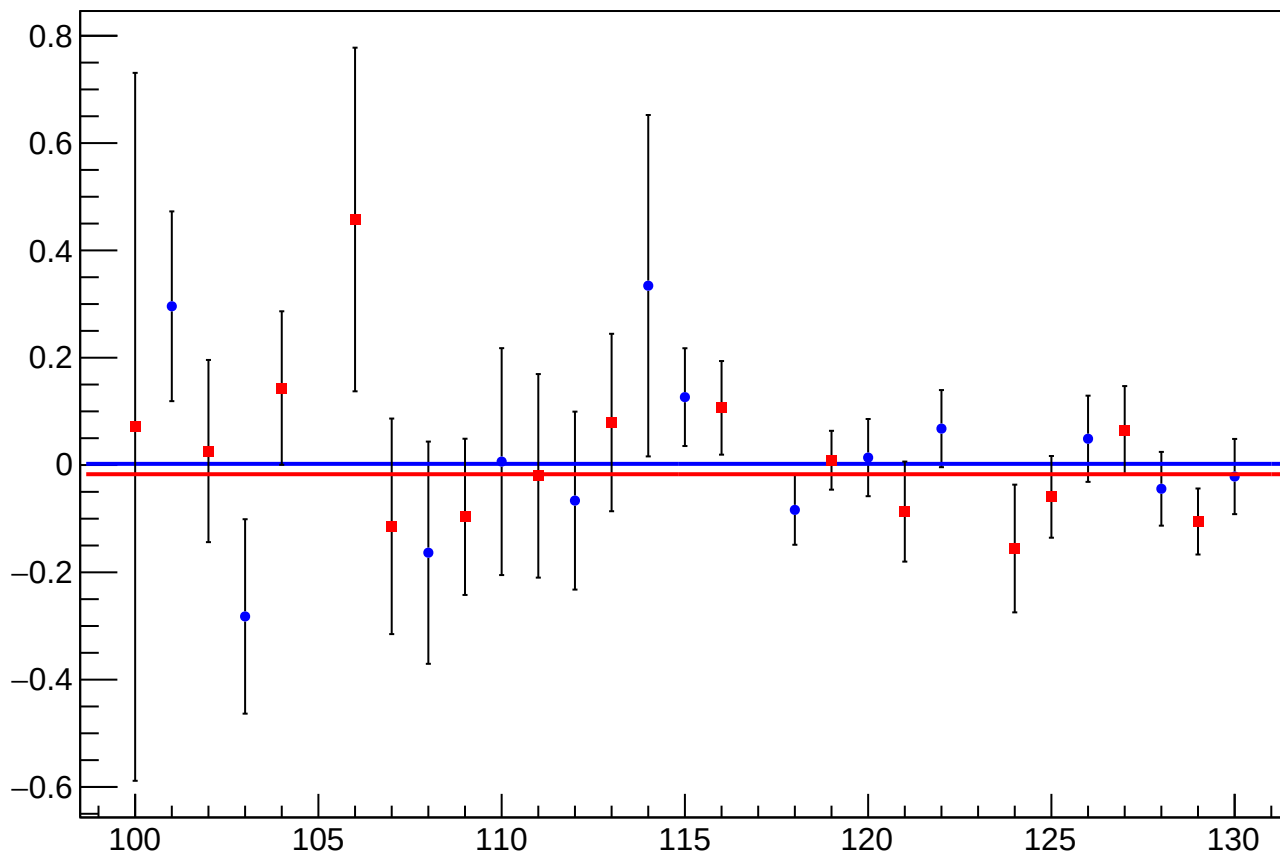
Right: 54.436+/-0.013 χ^2/NDF : 4225681.5/27

In: 53.177+/-0.018 χ^2/NDF :2059644.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 54.436+/-0.013 χ^2/NDF : 4225681.5/27

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.026 χ^2 /NDF: 12.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.017 $\pm$ 0.026 χ^2 /NDF: 11.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

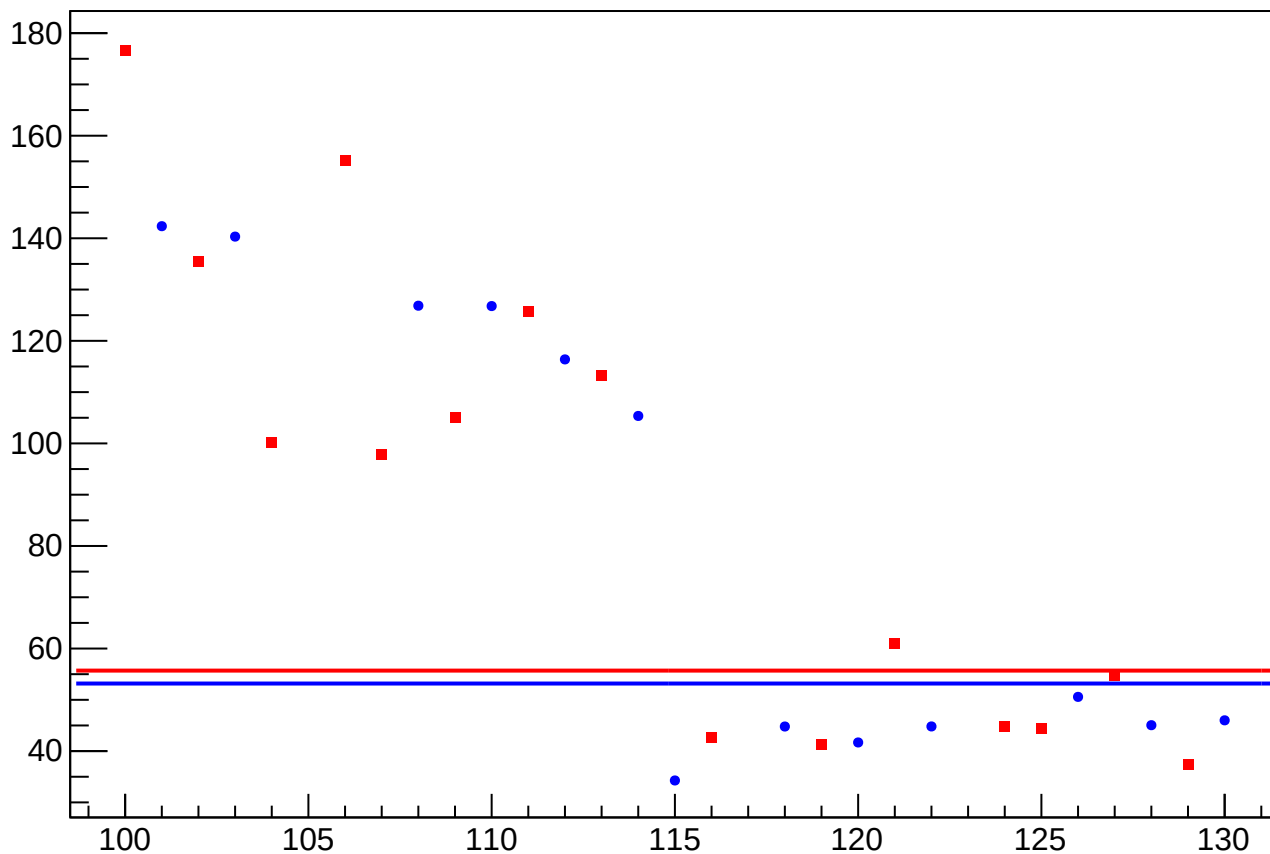
Right: -0.007 $\pm$ 0.018 χ^2 /NDF: 24.7/27

In: 0.002 $\pm$ 0.026 χ^2 /NDF:12.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.018 χ^2 /NDF: 24.7/27

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.177+/-0.018 χ^2/NDF : 2059644.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 55.698+/-0.018 χ^2/NDF : 2156716.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

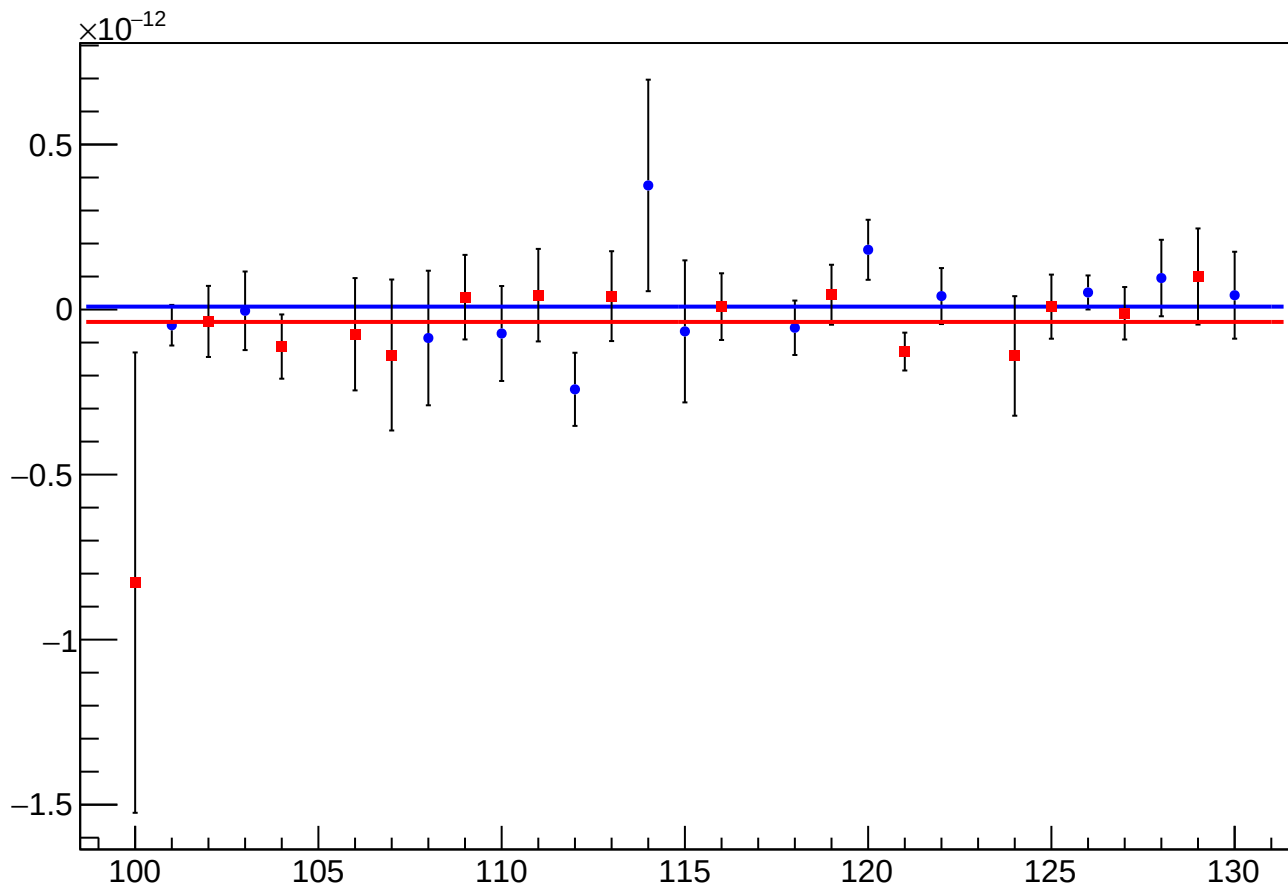
Right: 54.436+/-0.013 χ^2/NDF : 4225681.5/27

In: 53.177+/-0.018 χ^2/NDF :2059644.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 54.436+/-0.013 χ^2/NDF : 4225681.5/27

asym_sam_26_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

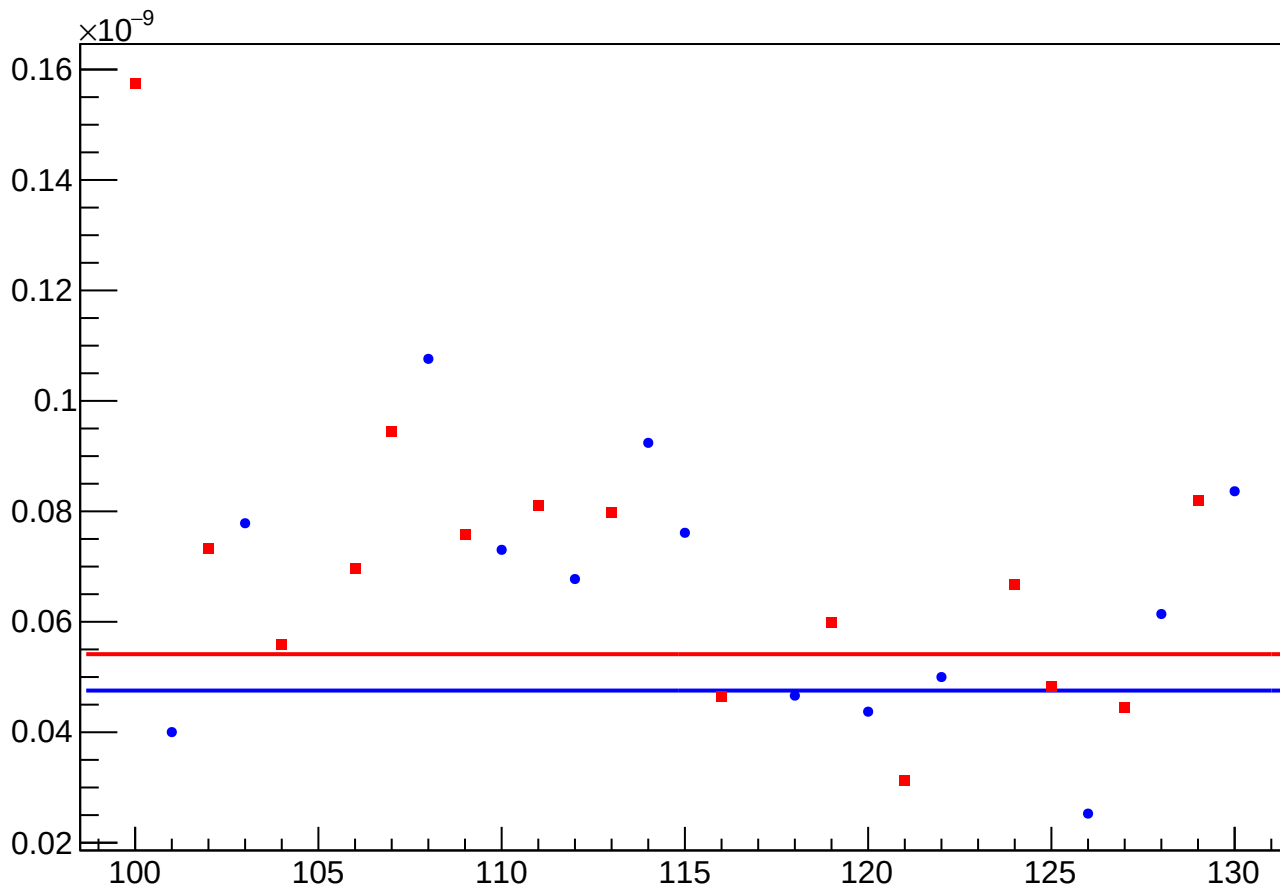
Right: -0.000+/-0.000 χ^2/NDF : 23.2/27

In: 0.000+/-0.000 χ^2/NDF : 13.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.2/27

asym_sam_26_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1094560.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 845247.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

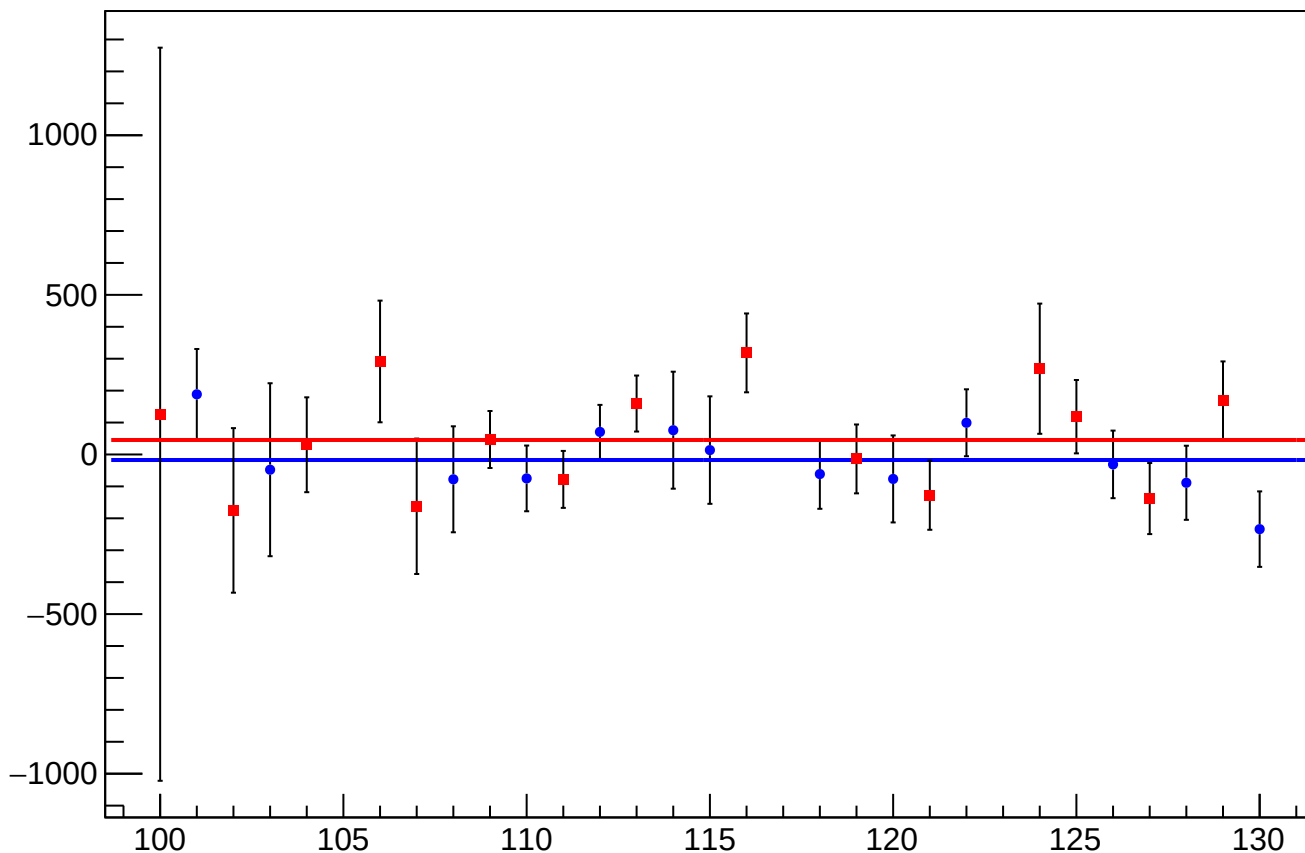
Right: 0.000+/-0.000 χ^2/NDF : 1998532.8/27

In: 0.000+/-0.000 χ^2/NDF : 1094560.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1998532.8/27

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -17.330+/-34.048 χ^2/NDF : 9.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 45.368+/-32.029 χ^2/NDF : 20.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

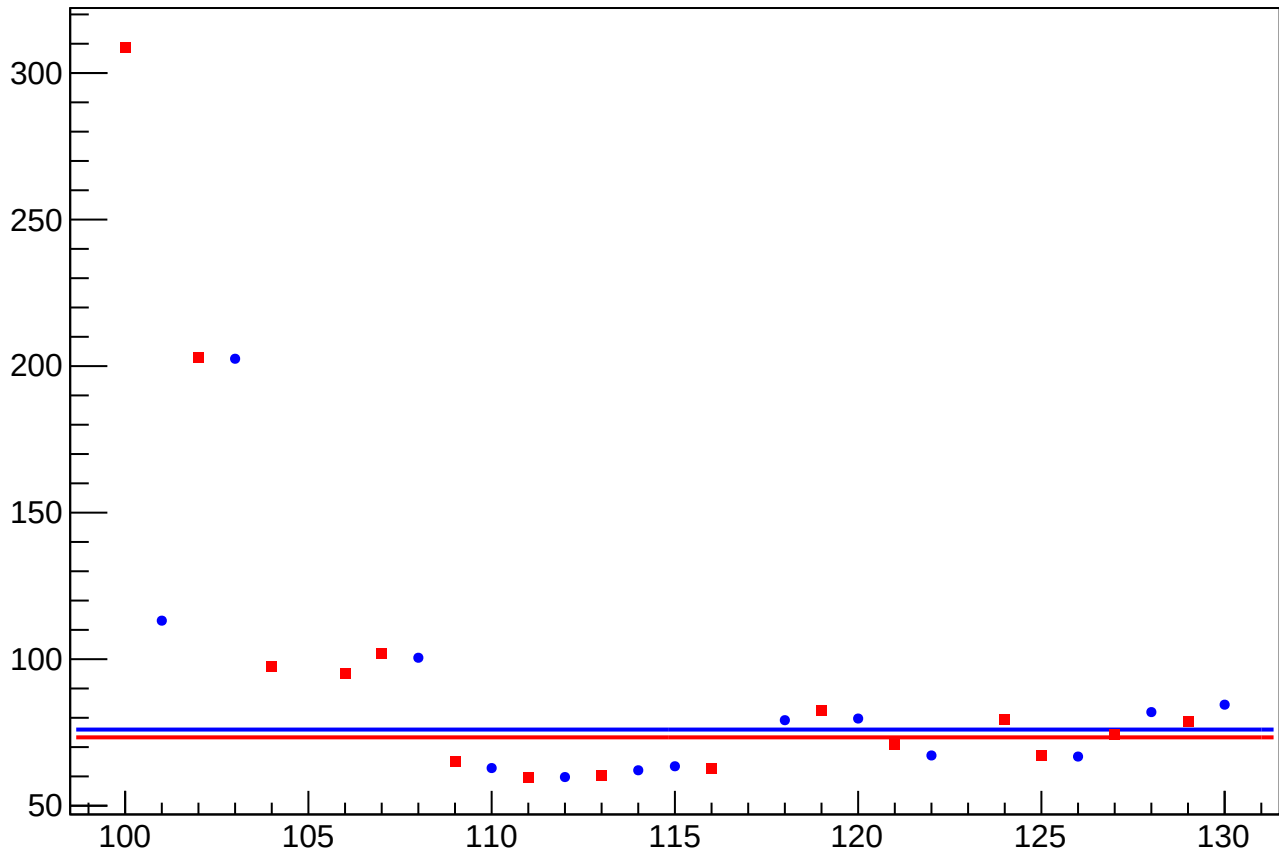
Right: 15.933+/-23.329 χ^2/NDF : 31.1/27

In: -17.330+/-34.048 χ^2/NDF :9.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 15.933+/-23.329 χ^2/NDF : 31.1/27

reg_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 75.985+/-0.024 χ^2/NDF : 793417.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.326+/-0.023 χ^2/NDF : 853239.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

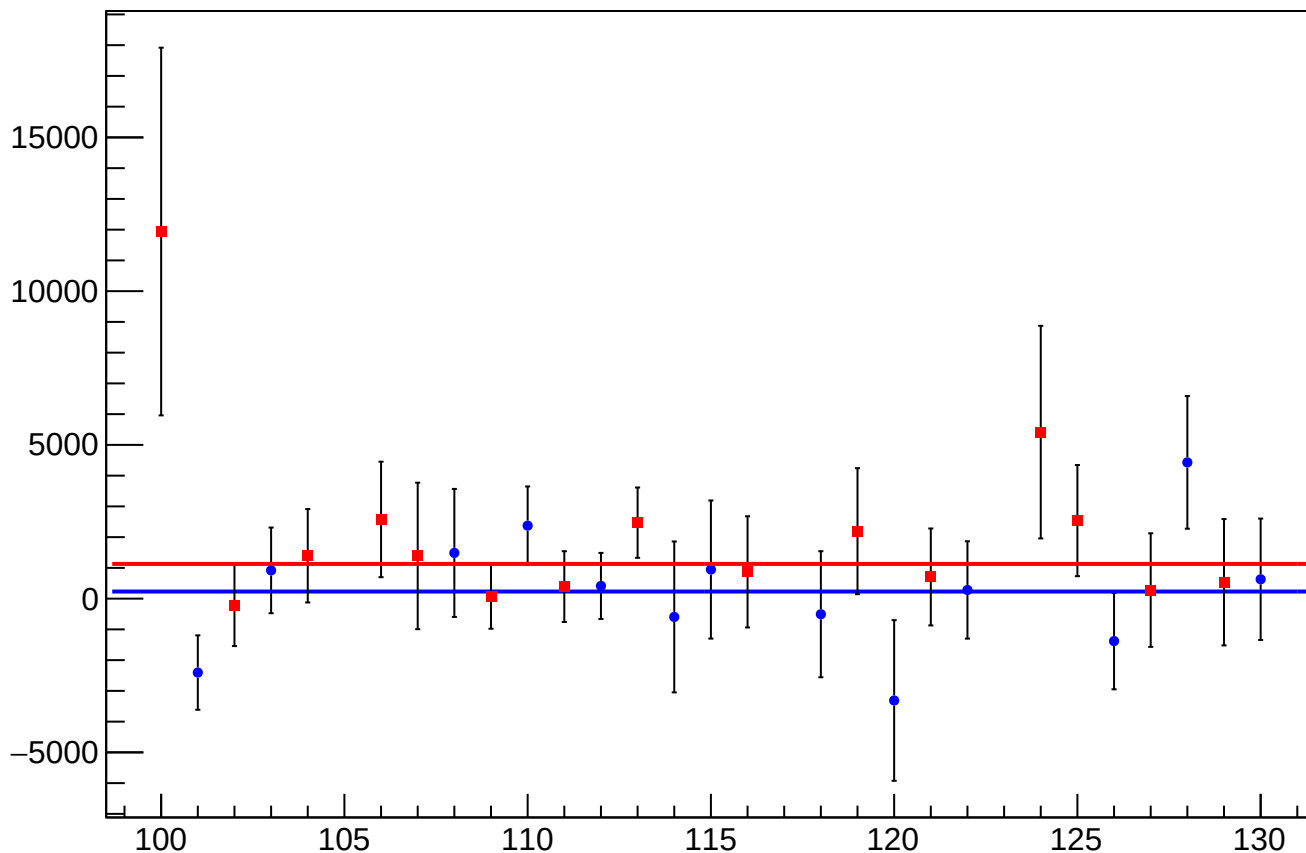
Right: 74.574+/-0.016 χ^2/NDF : 1653128.5/27

In: 75.985+/-0.024 χ^2/NDF : 793417.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.574+/-0.016 χ^2/NDF : 1653128.5/27

asym_sam_37_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 231.032+/-450.100 χ^2/NDF : 15.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1129.290+/-415.448 χ^2/NDF : 10.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

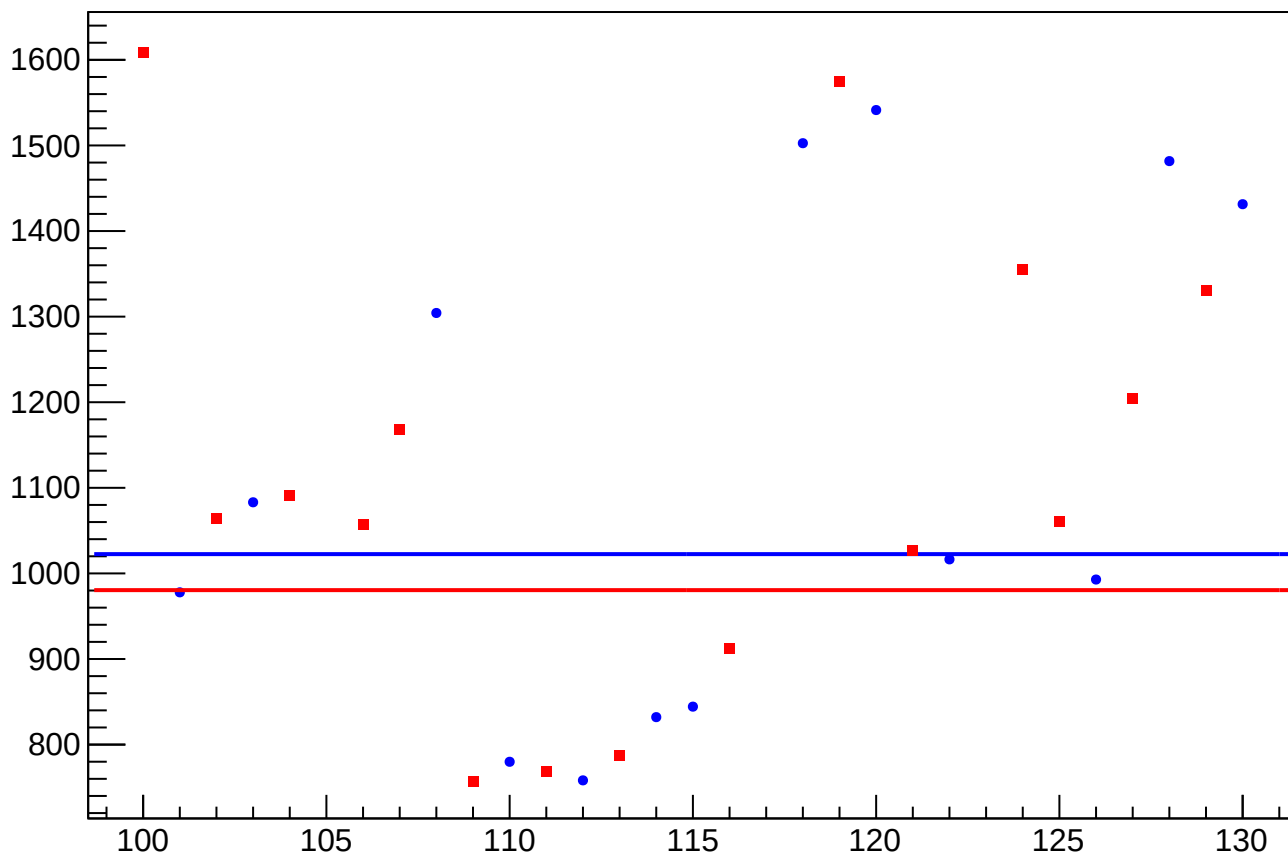
Right: 716.065+/-305.283 χ^2/NDF : 28.0/27

In: 231.032+/-450.100 χ^2/NDF : 15.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 716.065+/-305.283 χ^2/NDF : 28.0/27

asym_sam_37_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1022.534+/-0.318 χ^2/NDF : 626912.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 980.464+/-0.294 χ^2/NDF : 560430.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

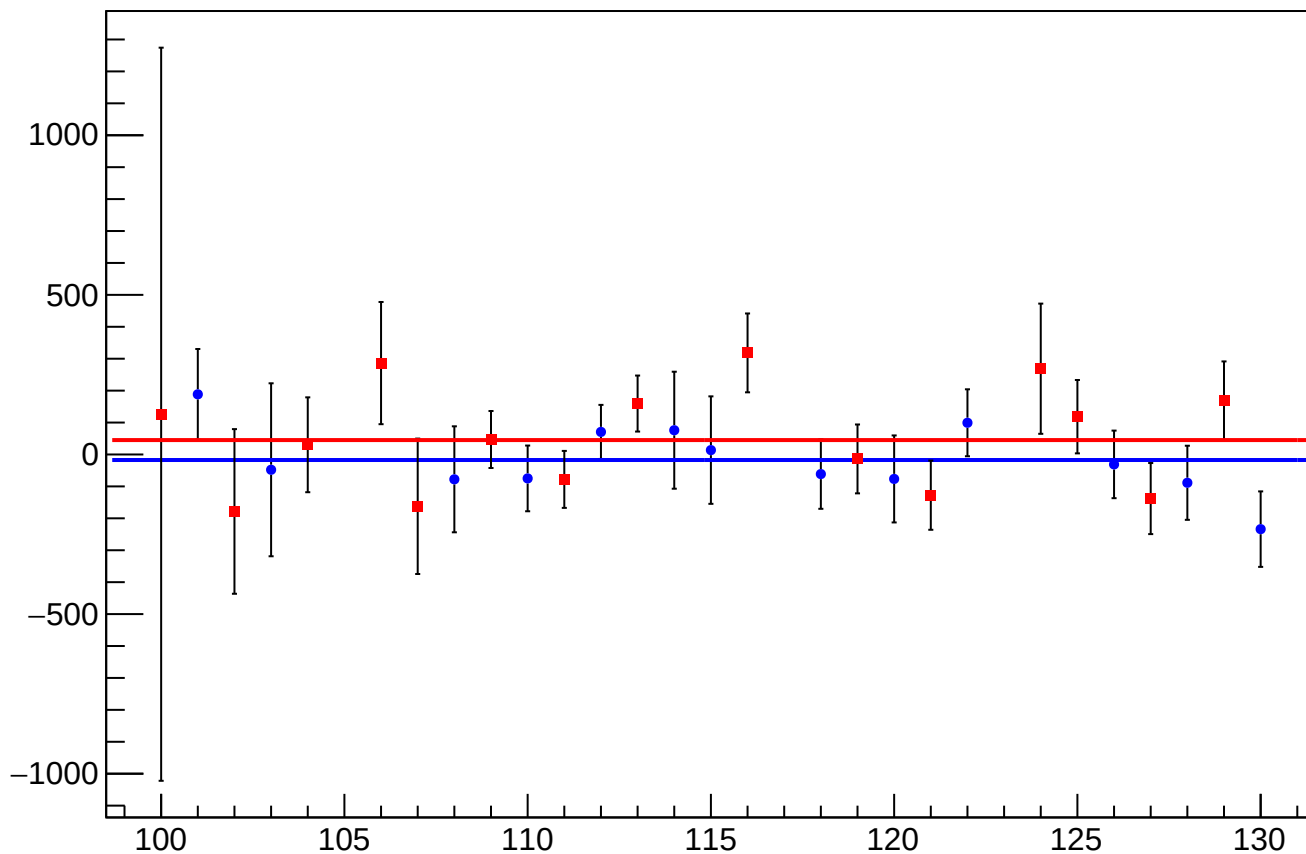
Right: 999.818+/-0.216 χ^2/NDF : 1196776.7/27

In: 1022.534+/-0.318 χ^2/NDF : 626912.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 999.818+/-0.216 χ^2/NDF : 1196776.7/27

cor_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -17.338 ± 34.048 χ^2/NDF : 9.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 45.115 ± 32.033 χ^2/NDF : 20.0/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

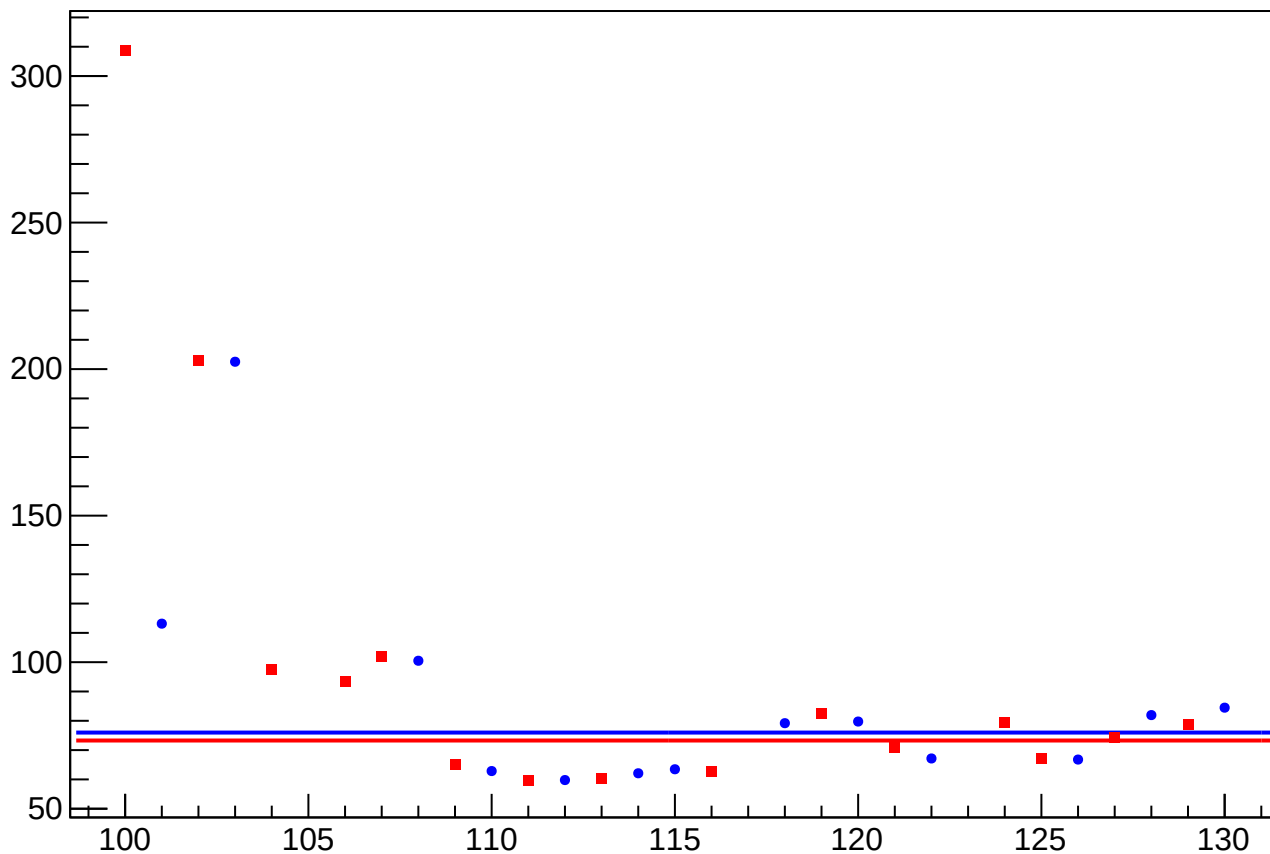
Right: 15.791 ± 23.331 χ^2/NDF : 31.0/27

In: -17.338 ± 34.048 χ^2/NDF : 9.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 15.791 ± 23.331 χ^2/NDF : 31.0/27

cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 75.985+/-0.024 χ^2/NDF : 793419.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.273+/-0.023 χ^2/NDF : 849351.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

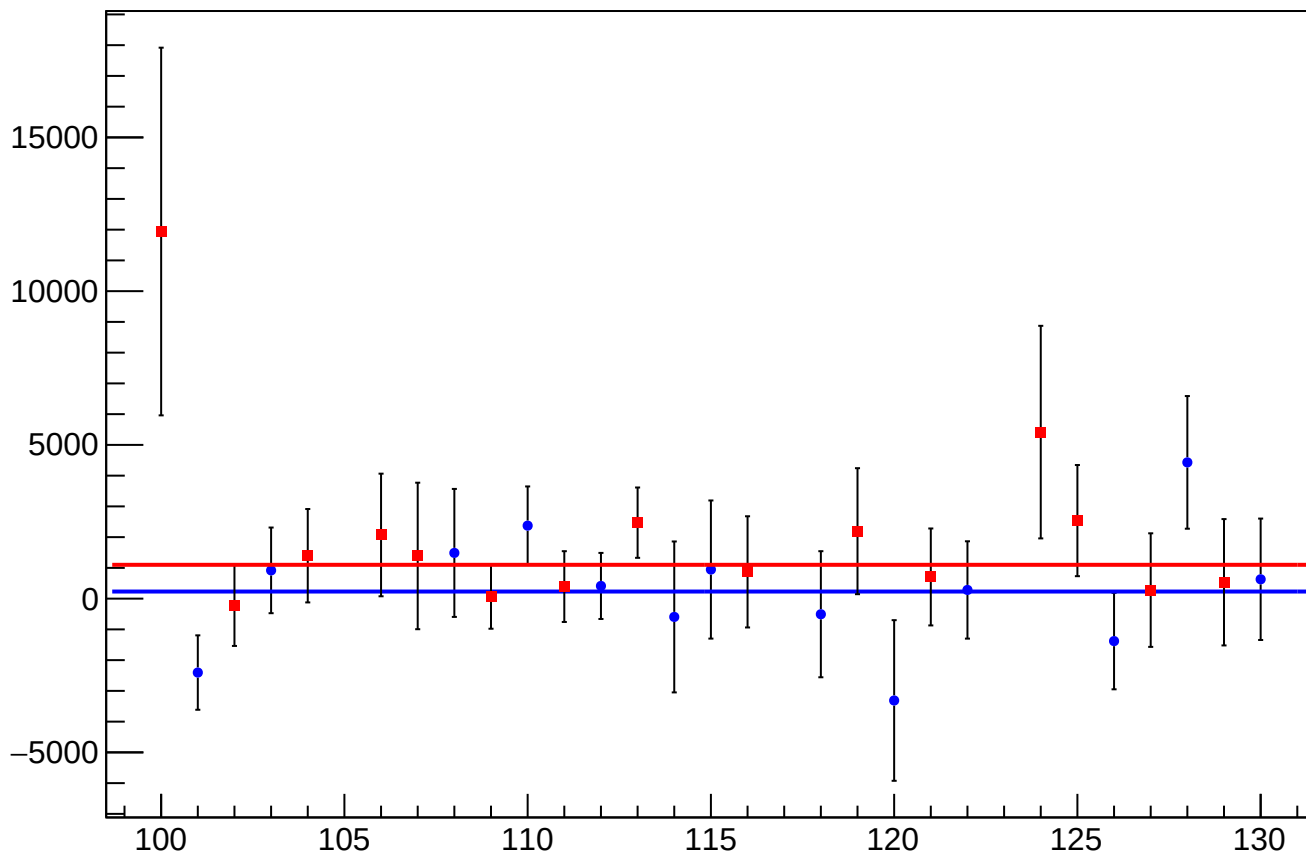
Right: 74.546+/-0.016 χ^2/NDF : 1649503.6/27

In: 75.985+/-0.024 χ^2/NDF : 793419.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.546+/-0.016 χ^2/NDF : 1649503.6/27

asym_sam_37_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 231.061+/-450.105 χ^2/NDF : 15.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1100.072+/-416.636 χ^2/NDF : 10.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

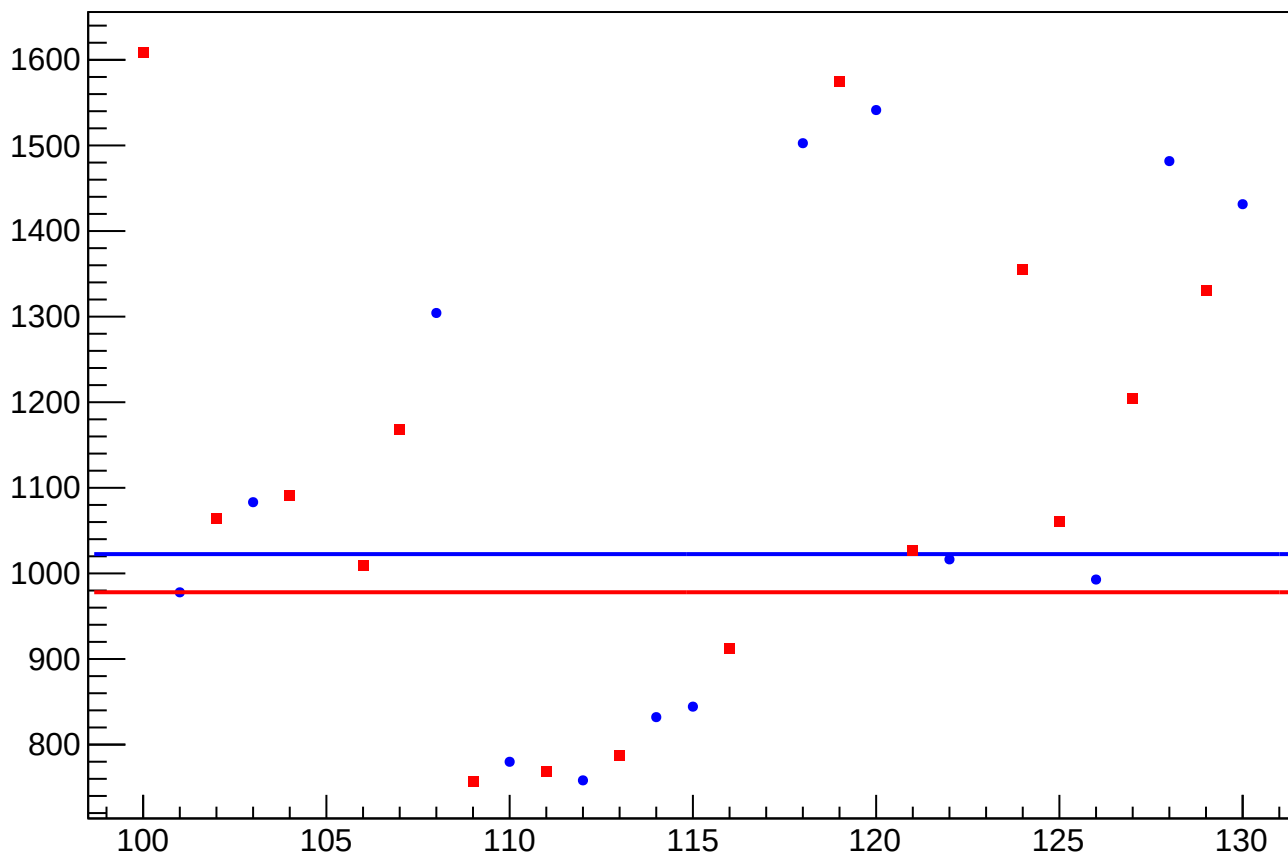
Right: 699.074+/-305.754 χ^2/NDF : 27.5/27

In: 231.061+/-450.105 χ^2/NDF : 15.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 699.074+/-305.754 χ^2/NDF : 27.5/27

asym_sam_37_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1022.544+/-0.318 χ^2/NDF : 626926.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 977.998+/-0.295 χ^2/NDF : 557559.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

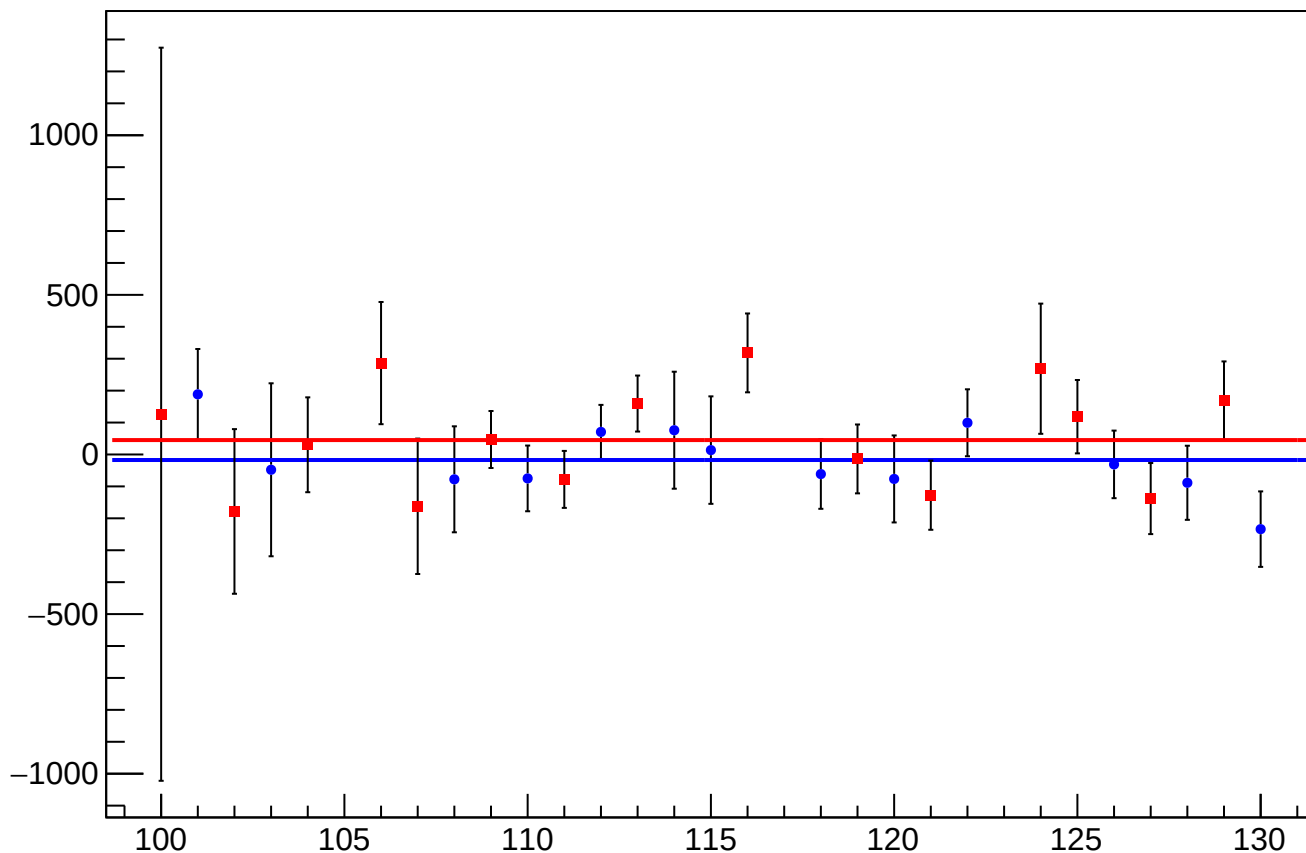
Right: 998.553+/-0.216 χ^2/NDF : 1195036.2/27

In: 1022.544+/-0.318 χ^2/NDF : 626926.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 998.553+/-0.216 χ^2/NDF : 1195036.2/27

eigen_cor_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -17.338+/-34.048 χ^2 /NDF: 9.3/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 45.115+/-32.033 χ^2 /NDF: 20.0/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

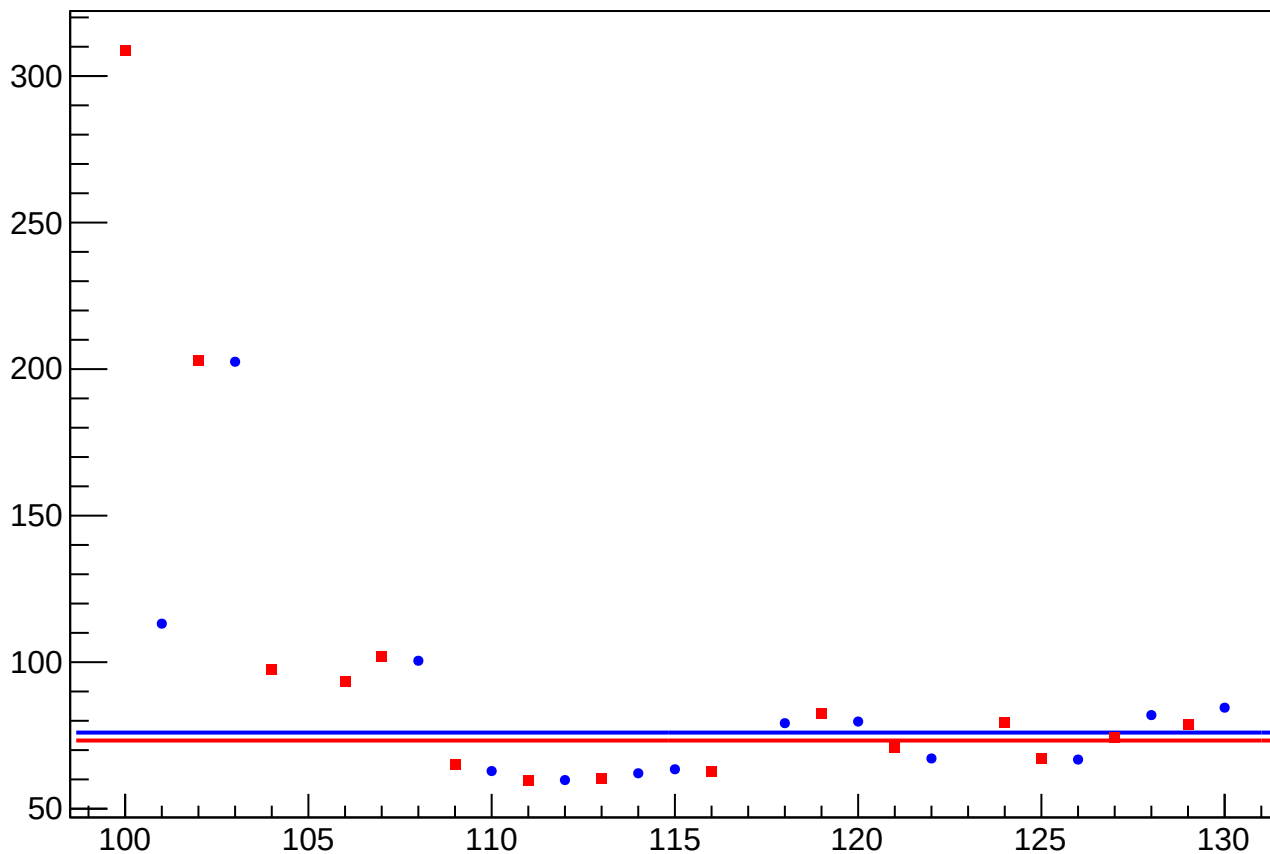
Right: 15.791+/-23.331 χ^2 /NDF: 31.0/27

In: -17.338+/-34.048 χ^2 /NDF:9.3/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 15.791+/-23.331 χ^2 /NDF: 31.0/27

eigen_cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 75.985 $\pm$ 0.024 χ^2 /NDF: 793419.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 73.273 $\pm$ 0.023 χ^2 /NDF: 849351.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

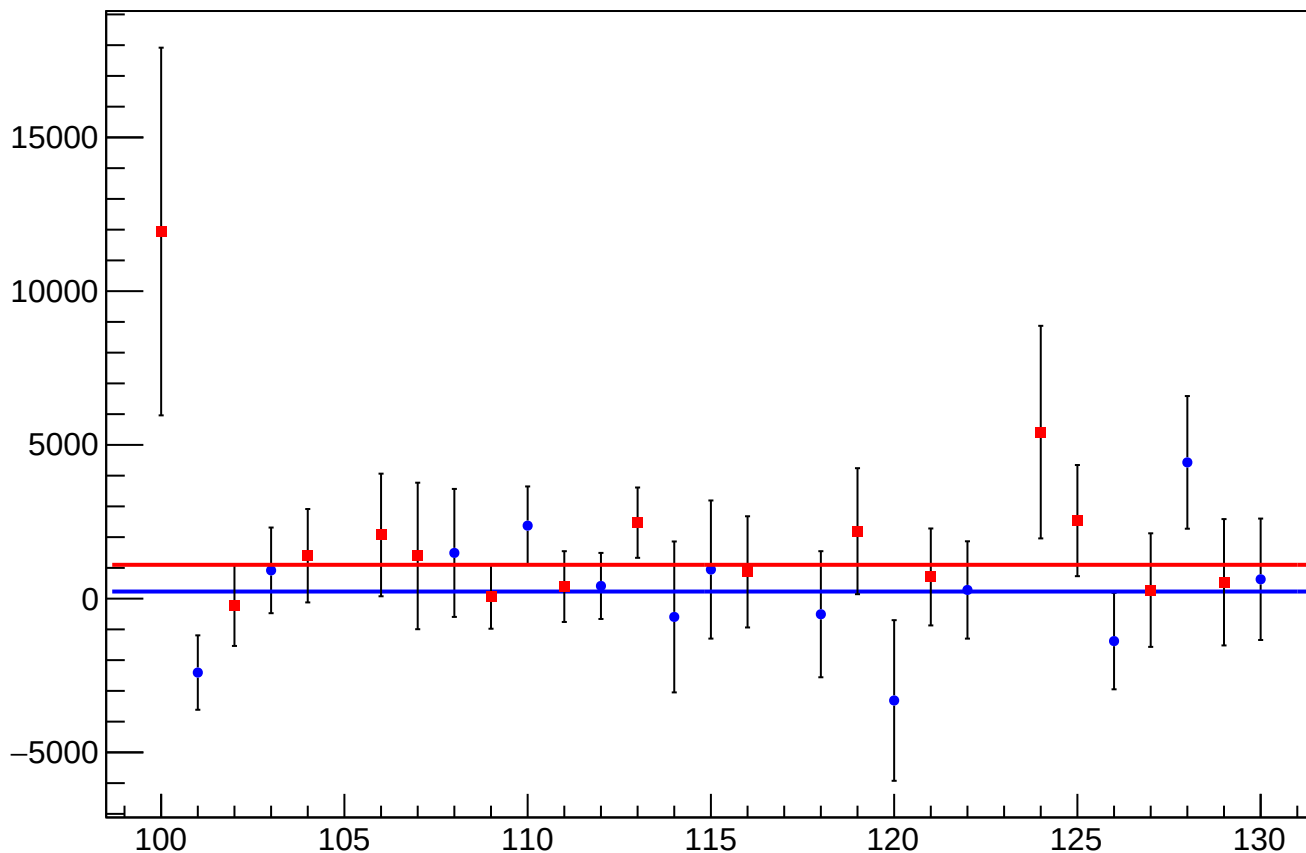
Right: 74.546 $\pm$ 0.016 χ^2 /NDF: 1649503.6/27

In: 75.985 $\pm$ 0.024 χ^2 /NDF: 793419.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 74.546 $\pm$ 0.016 χ^2 /NDF: 1649503.6/27

asym_sam_37_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 231.061+/-450.105 χ^2/NDF : 15.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1100.072+/-416.636 χ^2/NDF : 10.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

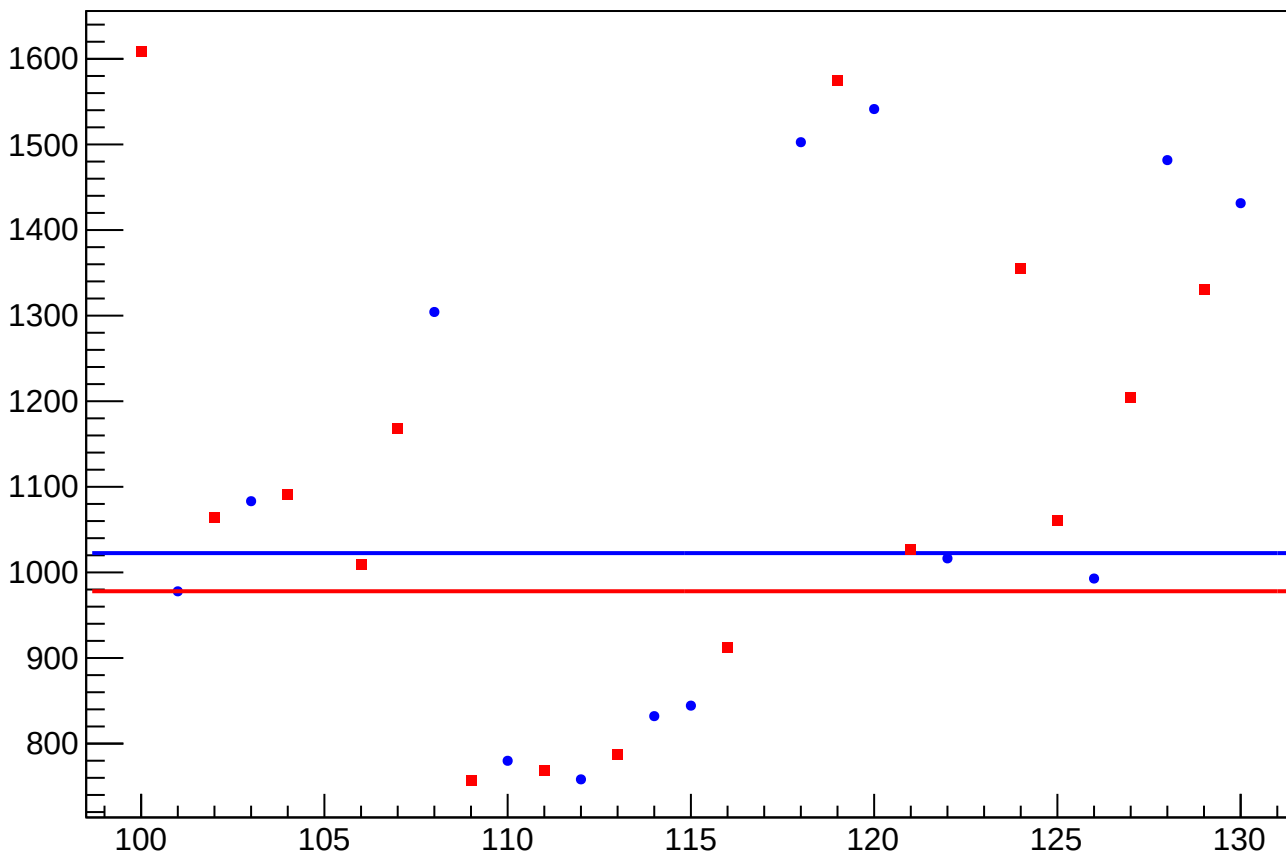
Right: 699.074+/-305.754 χ^2/NDF : 27.5/27

In: 231.061+/-450.105 χ^2/NDF : 15.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 699.074+/-305.754 χ^2/NDF : 27.5/27

asym_sam_37_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1022.544+/-0.318 χ^2/NDF : 626926.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 977.998+/-0.295 χ^2/NDF : 557559.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

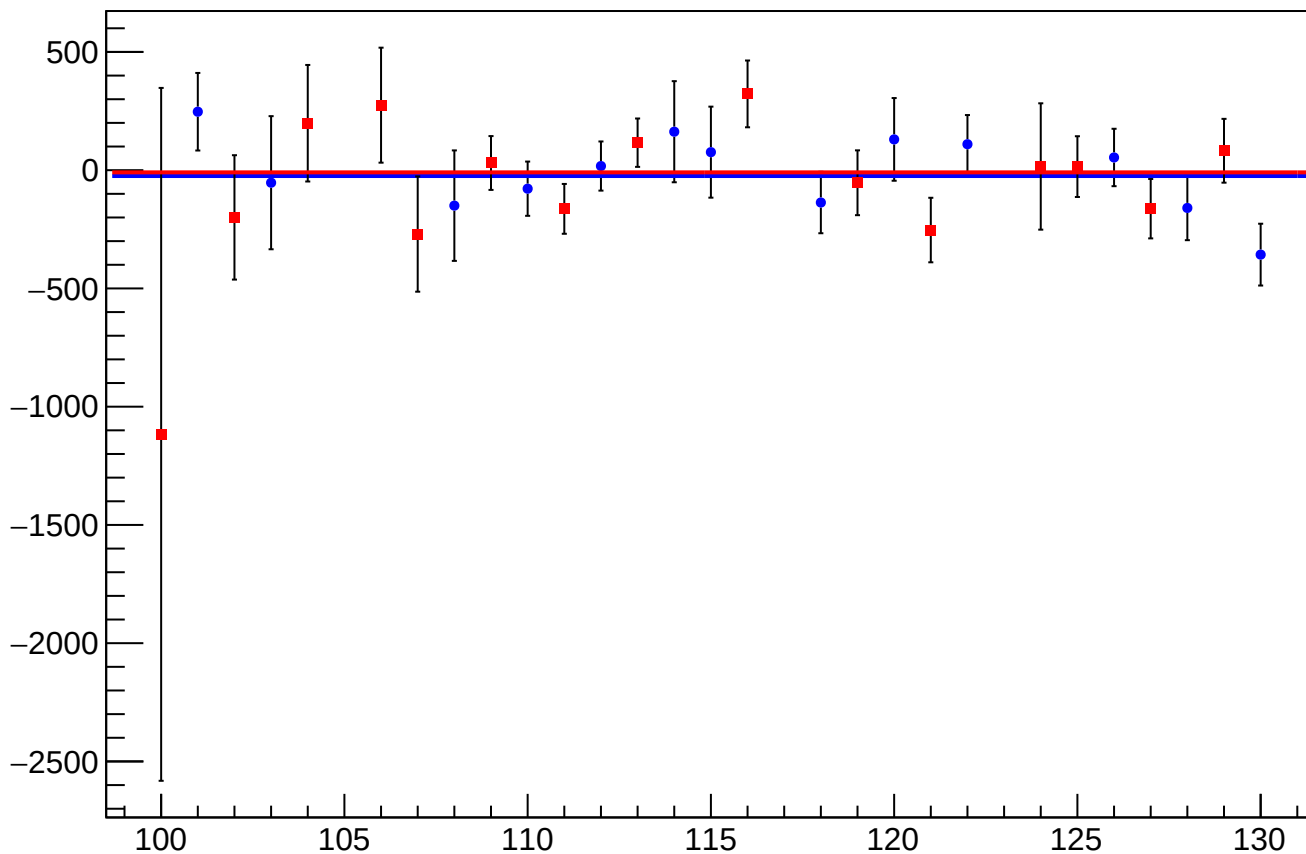
Right: 998.553+/-0.216 χ^2/NDF : 1195036.2/27

In: 1022.544+/-0.318 χ^2/NDF : 626926.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 998.553+/-0.216 χ^2/NDF : 1195036.2/27

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -24.689 ± 40.042 χ^2/NDF : 15.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -9.212 ± 38.400 χ^2/NDF : 18.9/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

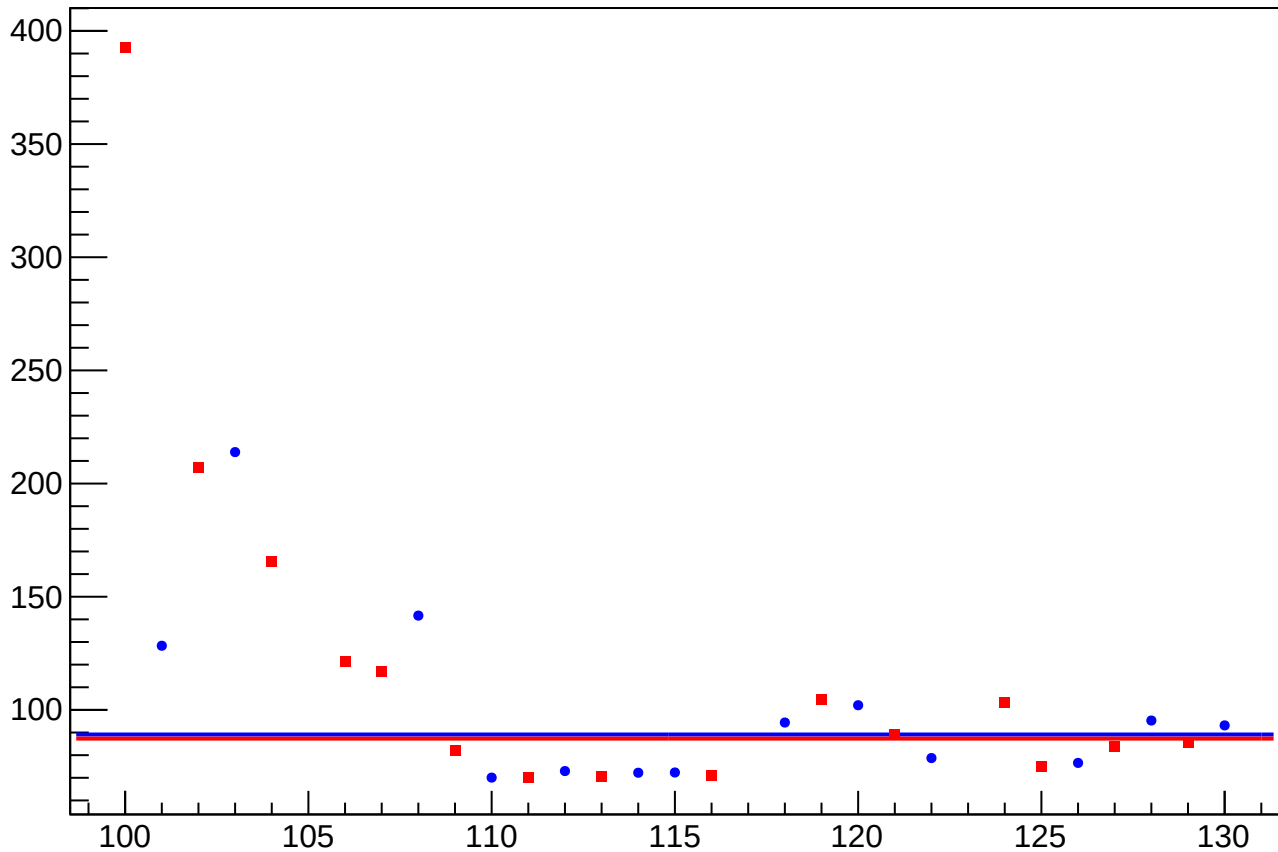
Right: -16.627 ± 27.715 χ^2/NDF : 34.0/27

In: -24.689 ± 40.042 χ^2/NDF : 15.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.627 ± 27.715 χ^2/NDF : 34.0/27

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 89.128+/-0.028 χ^2/NDF : 795757.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.320+/-0.027 χ^2/NDF : 971685.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

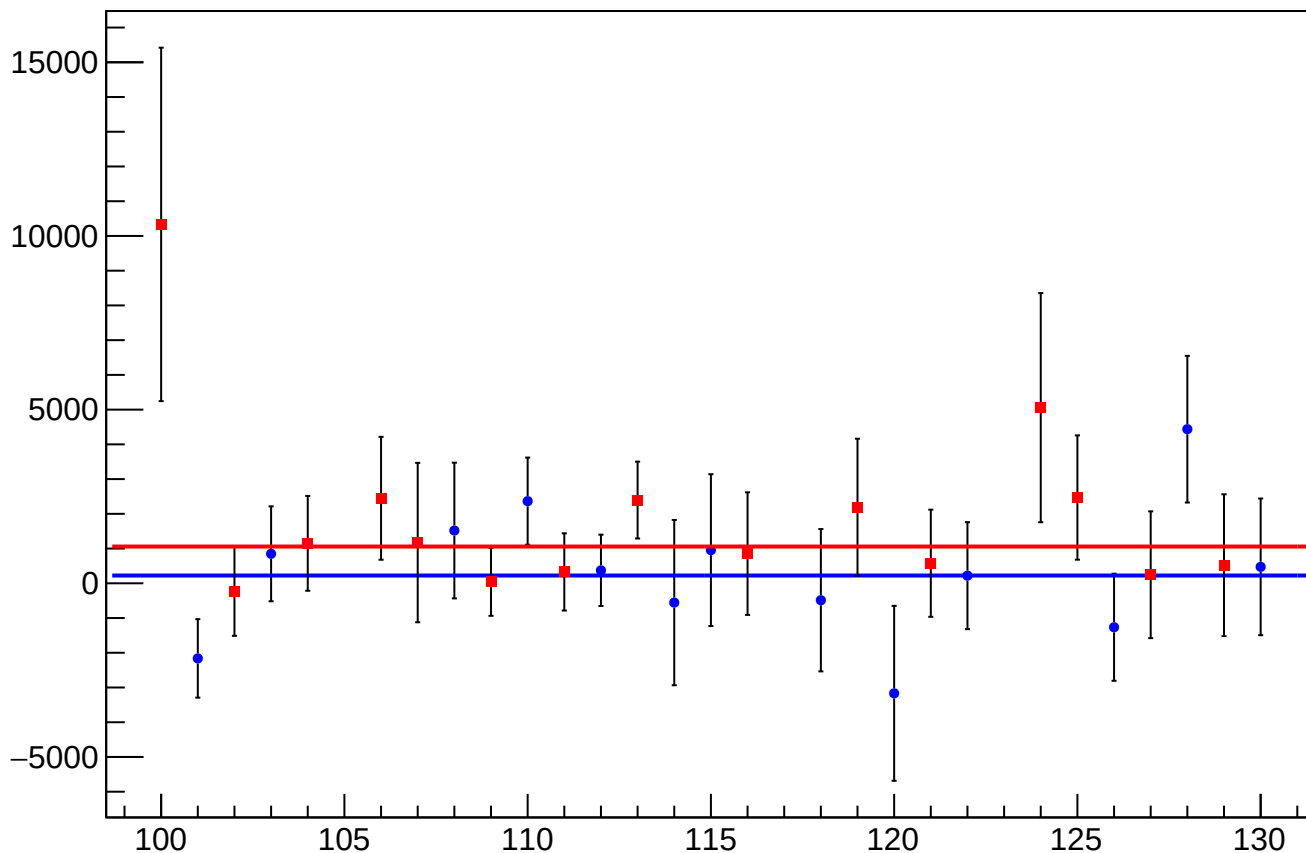
Right: 88.186+/-0.020 χ^2/NDF : 1769564.7/27

In: 89.128+/-0.028 χ^2/NDF : 795757.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.186+/-0.020 χ^2/NDF : 1769564.7/27

asym_sam_37_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 224.027+/-435.561 χ^2/NDF : 15.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1058.615+/-398.438 χ^2/NDF : 10.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

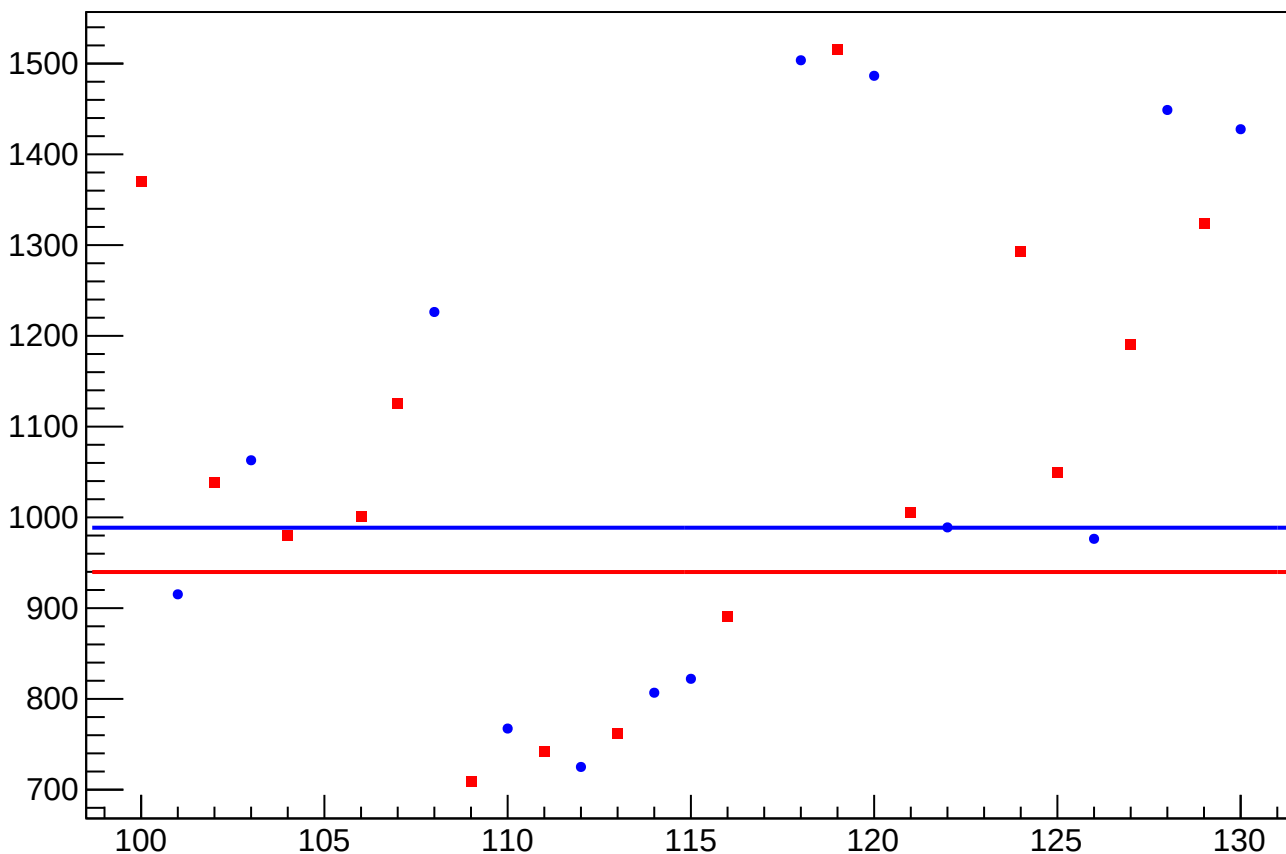
Right: 678.396+/-293.988 χ^2/NDF : 27.8/27

In: 224.027+/-435.561 χ^2/NDF : 15.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 678.396+/-293.988 χ^2/NDF : 27.8/27

asym_sam_37_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 988.627+/-0.308 χ^2/NDF : 660576.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 939.806+/-0.282 χ^2/NDF : 583647.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

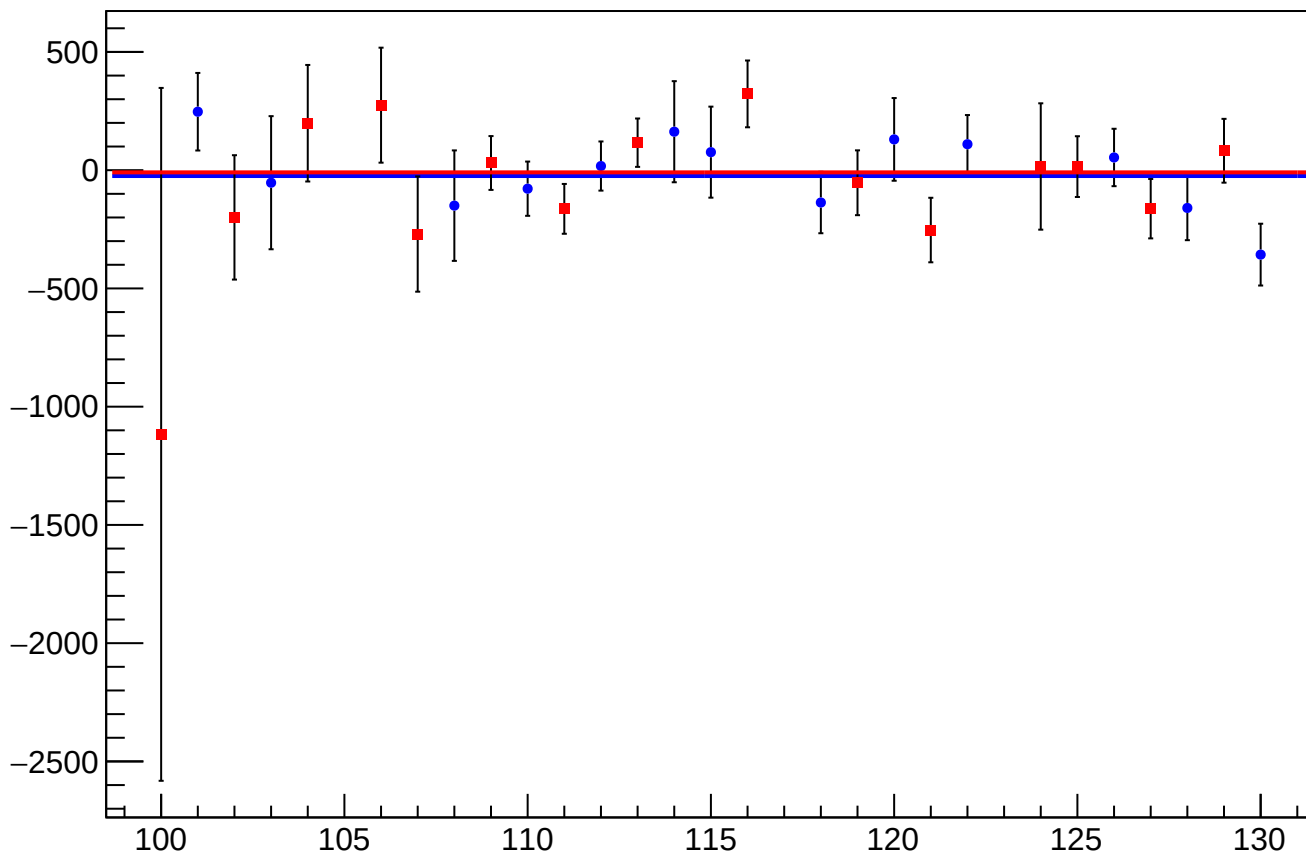
Right: 962.048+/-0.208 χ^2/NDF : 1257903.5/27

In: 988.627+/-0.308 χ^2/NDF : 660576.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 962.048+/-0.208 χ^2/NDF : 1257903.5/27

eigen_dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -24.691 ± 40.042 χ^2/NDF : 15.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -9.215 ± 38.401 χ^2/NDF : 18.9/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

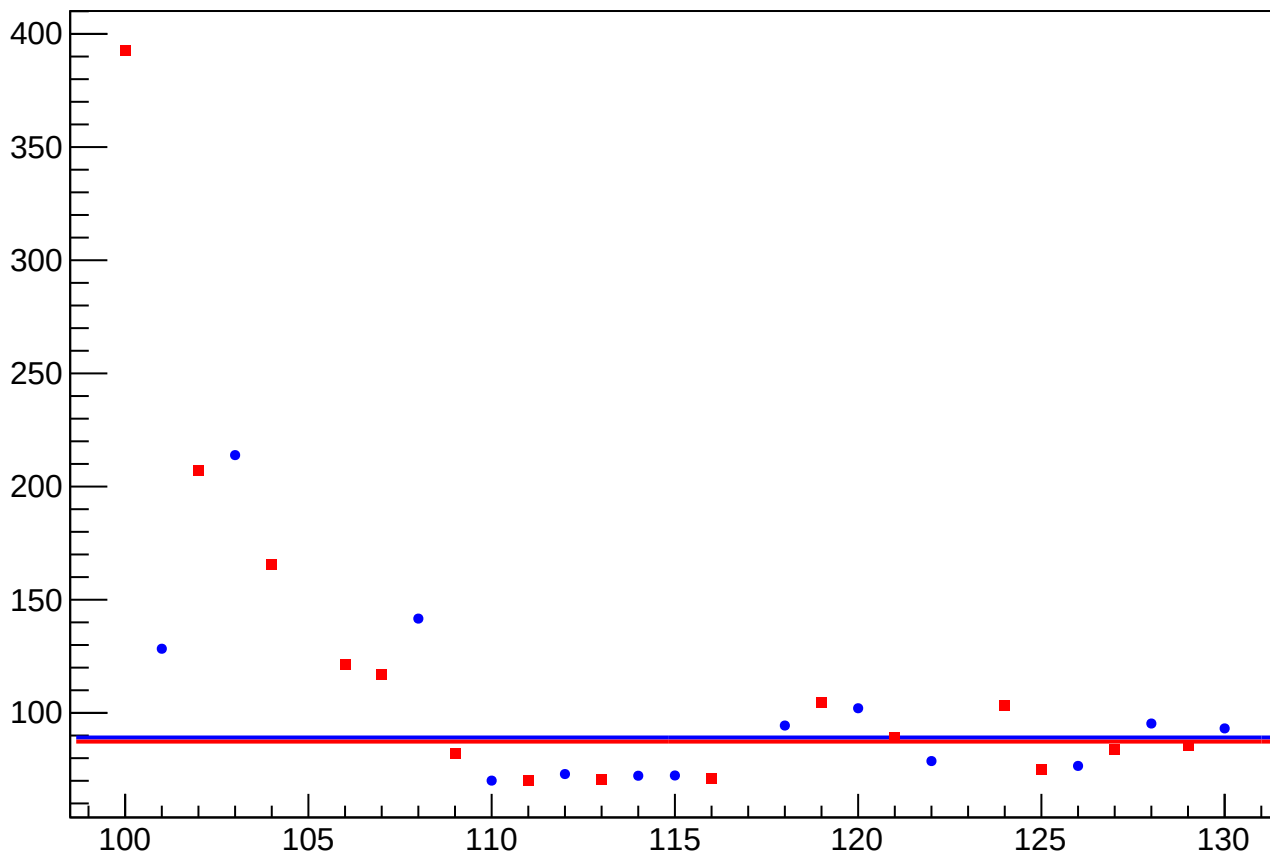
Right: -16.630 ± 27.716 χ^2/NDF : 34.0/27

In: -24.691 ± 40.042 χ^2/NDF : 15.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.630 ± 27.716 χ^2/NDF : 34.0/27

eigen_dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 89.128+/-0.028 χ^2/NDF : 795741.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.321+/-0.027 χ^2/NDF : 971677.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

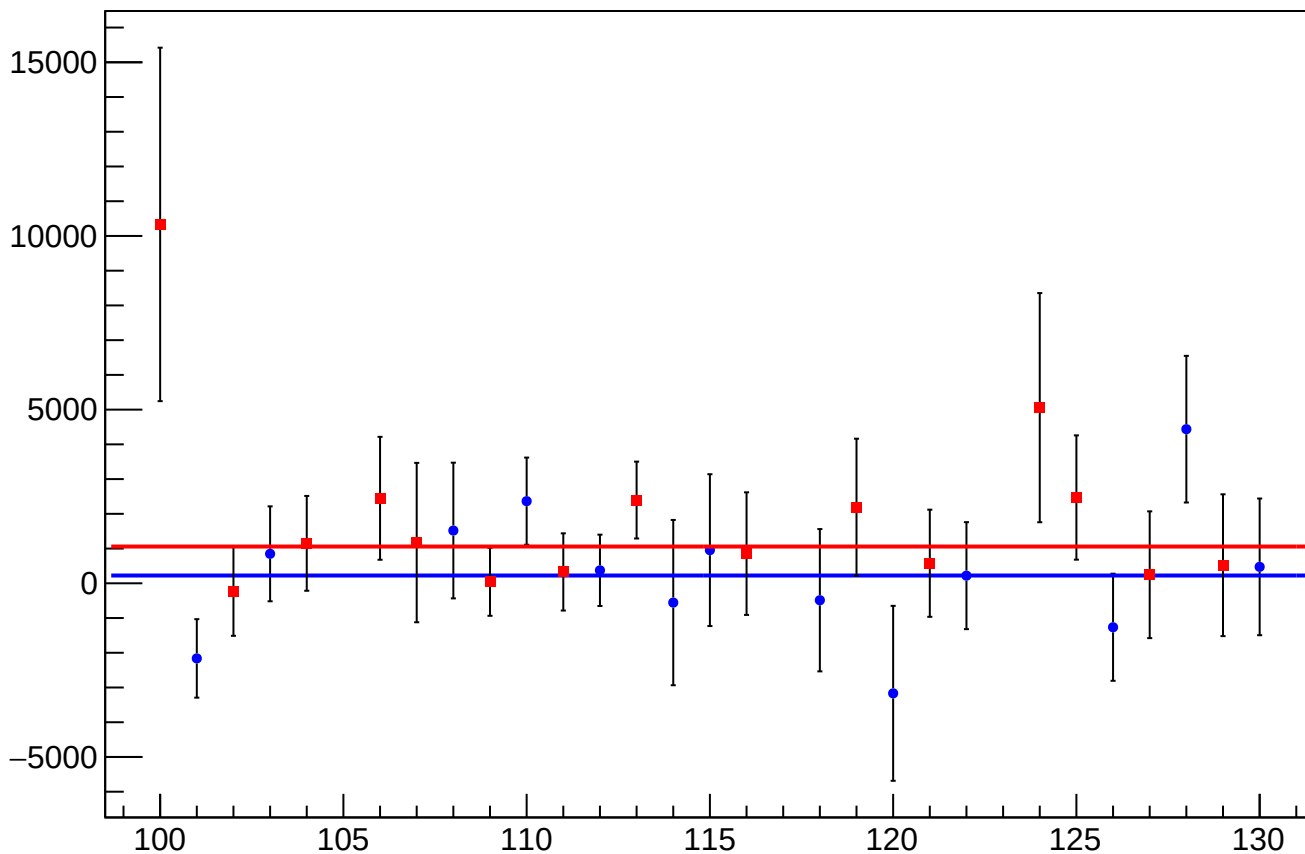
Right: 88.187+/-0.020 χ^2/NDF : 1769541.5/27

In: 89.128+/-0.028 χ^2/NDF : 795741.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.187+/-0.020 χ^2/NDF : 1769541.5/27

asym_sam_37_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 224.026+/-435.560 χ^2/NDF : 15.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1058.612+/-398.437 χ^2/NDF : 10.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

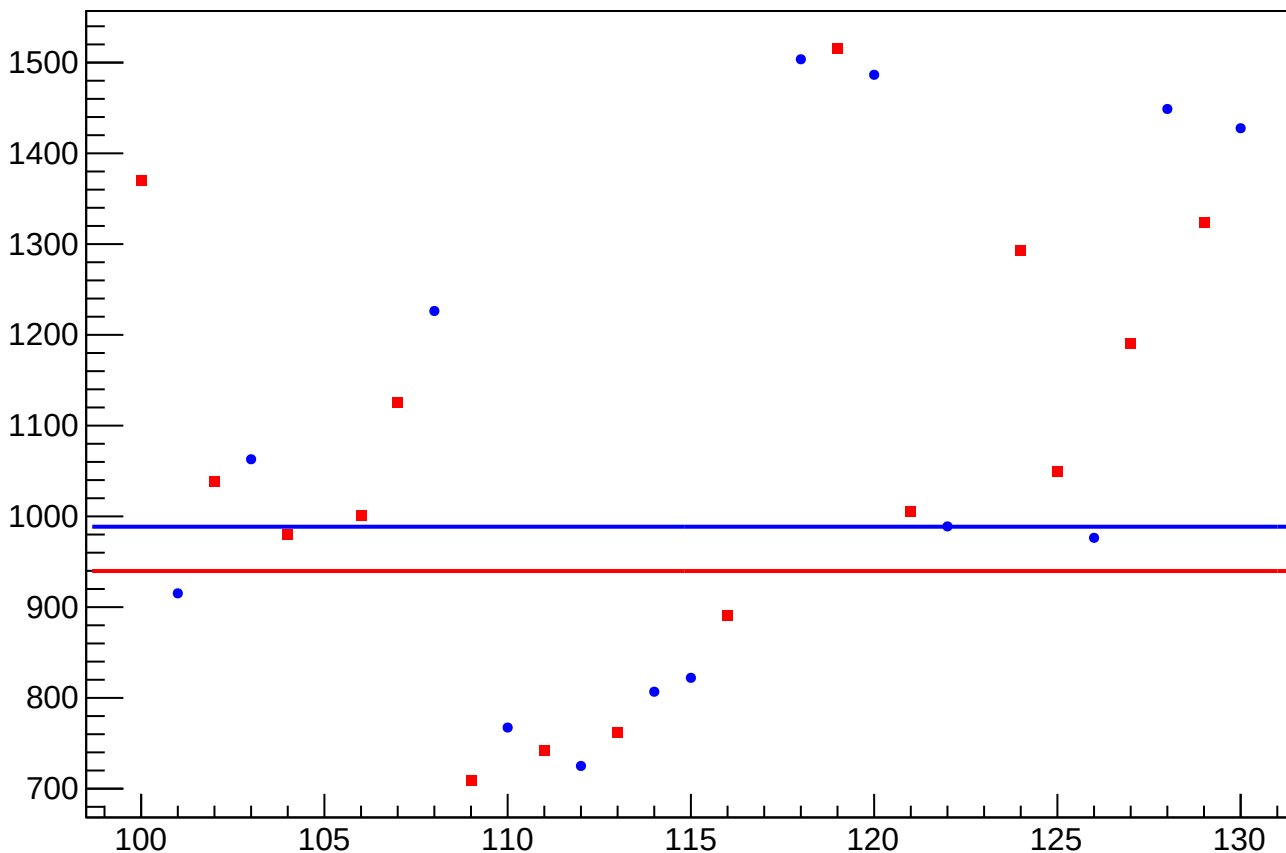
Right: 678.395+/-293.987 χ^2/NDF : 27.8/27

In: 224.026+/-435.560 χ^2/NDF : 15.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 678.395+/-293.987 χ^2/NDF : 27.8/27

asym_sam_37_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 988.625+/-0.308 χ^2/NDF : 660580.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 939.804+/-0.282 χ^2/NDF : 583647.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

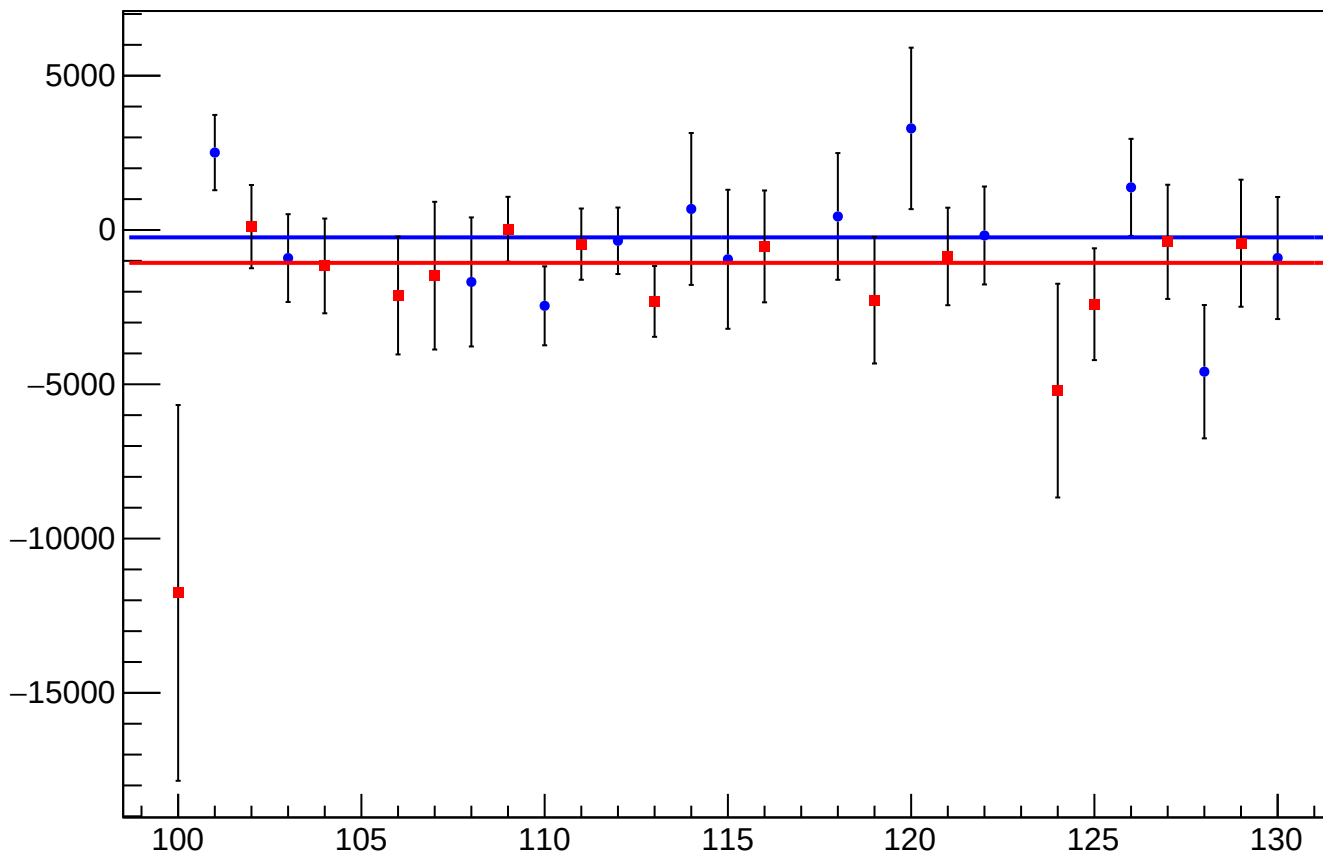
Right: 962.045+/-0.208 χ^2/NDF : 1257908.0/27

In: 988.625+/-0.308 χ^2/NDF : 660580.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 962.045+/-0.208 χ^2/NDF : 1257908.0/27

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -238.912+/-452.524 χ^2/NDF : 16.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1064.912+/-417.929 χ^2/NDF : 9.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

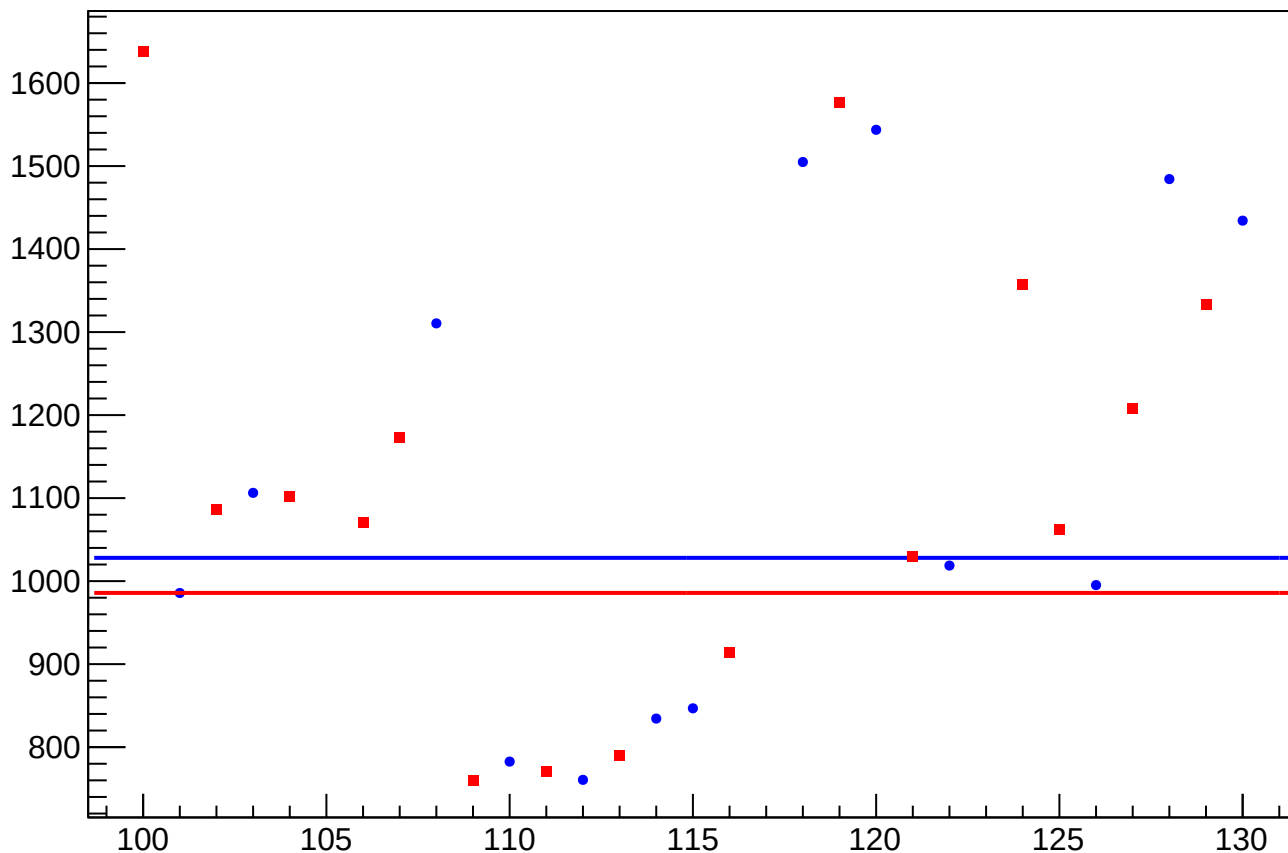
Right: -684.688+/-307.023 χ^2/NDF : 27.4/27

In: -238.912+/-452.524 χ^2/NDF : 16.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -684.688+/-307.023 χ^2/NDF : 27.4/27

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 1028.036+/-0.320 χ^2/NDF : 627056.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 985.783+/-0.296 χ^2/NDF : 565169.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

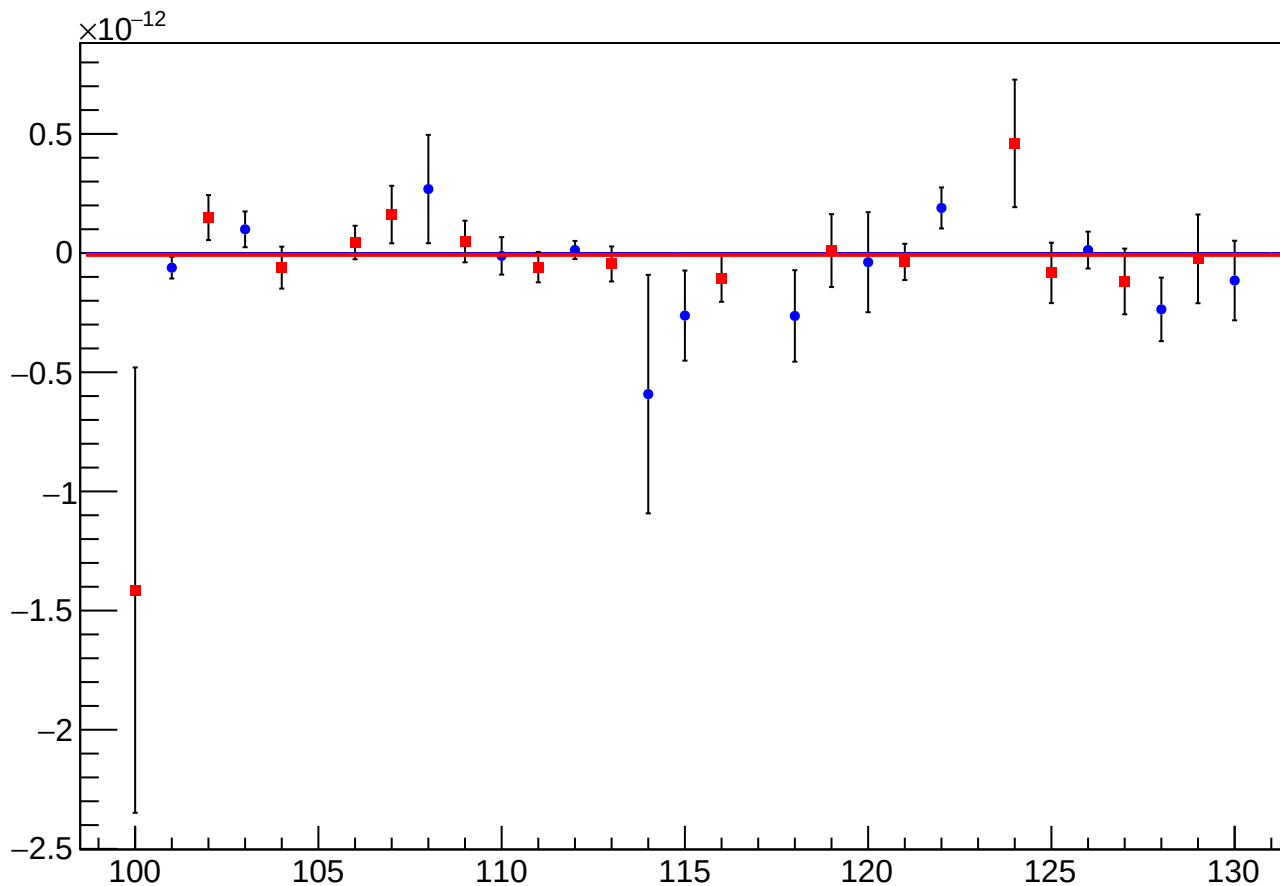
Right: 1005.233+/-0.217 χ^2/NDF : 1201635.5/27

In: 1028.036+/-0.320 χ^2/NDF : 627056.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1005.233+/-0.217 χ^2/NDF : 1201635.5/27

asym_sam_37_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 18.9/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 14.5/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

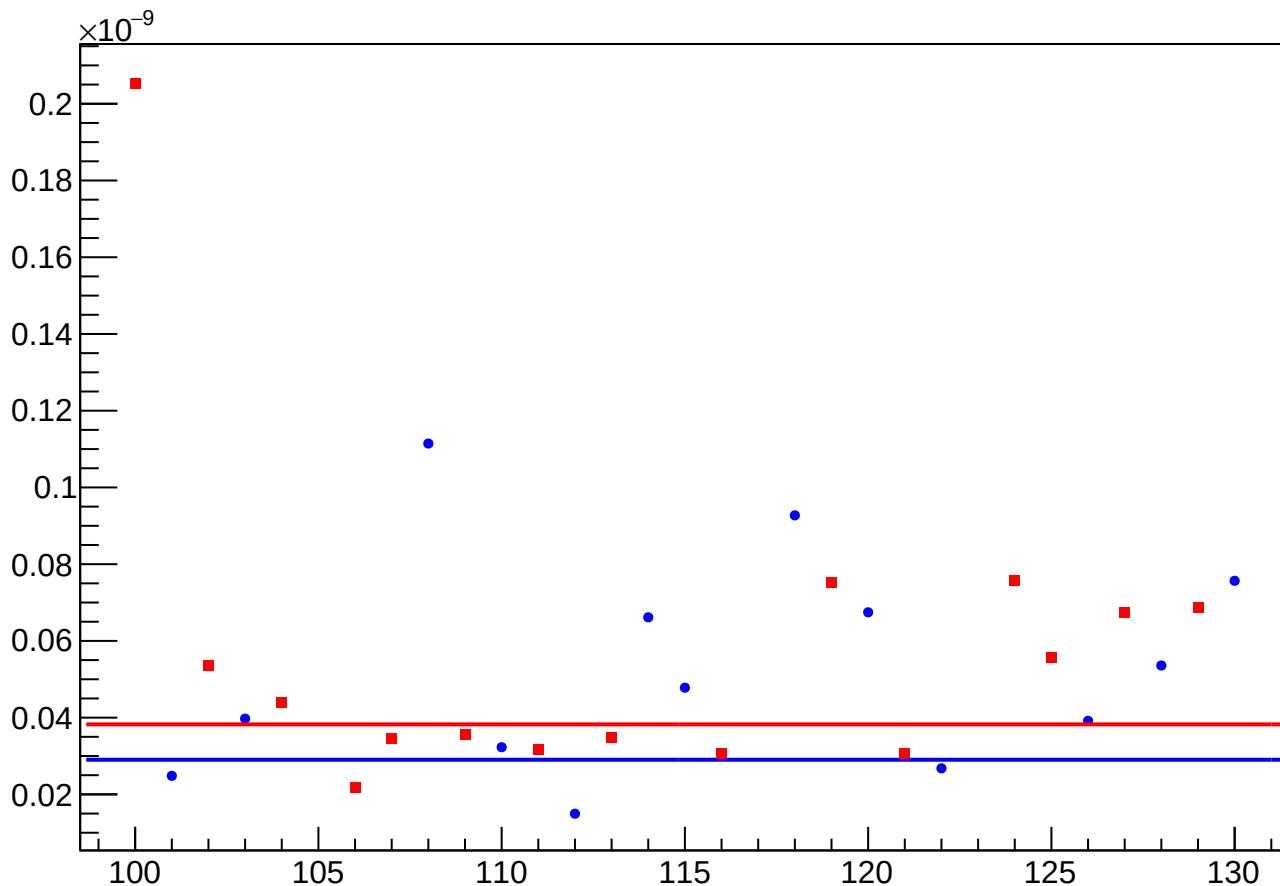
Right: -0.000+/-0.000 χ^2 /NDF: 33.3/27

In: -0.000+/-0.000 χ^2 /NDF:18.9/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 33.3/27

asym_sam_37_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1174724.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 632870.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

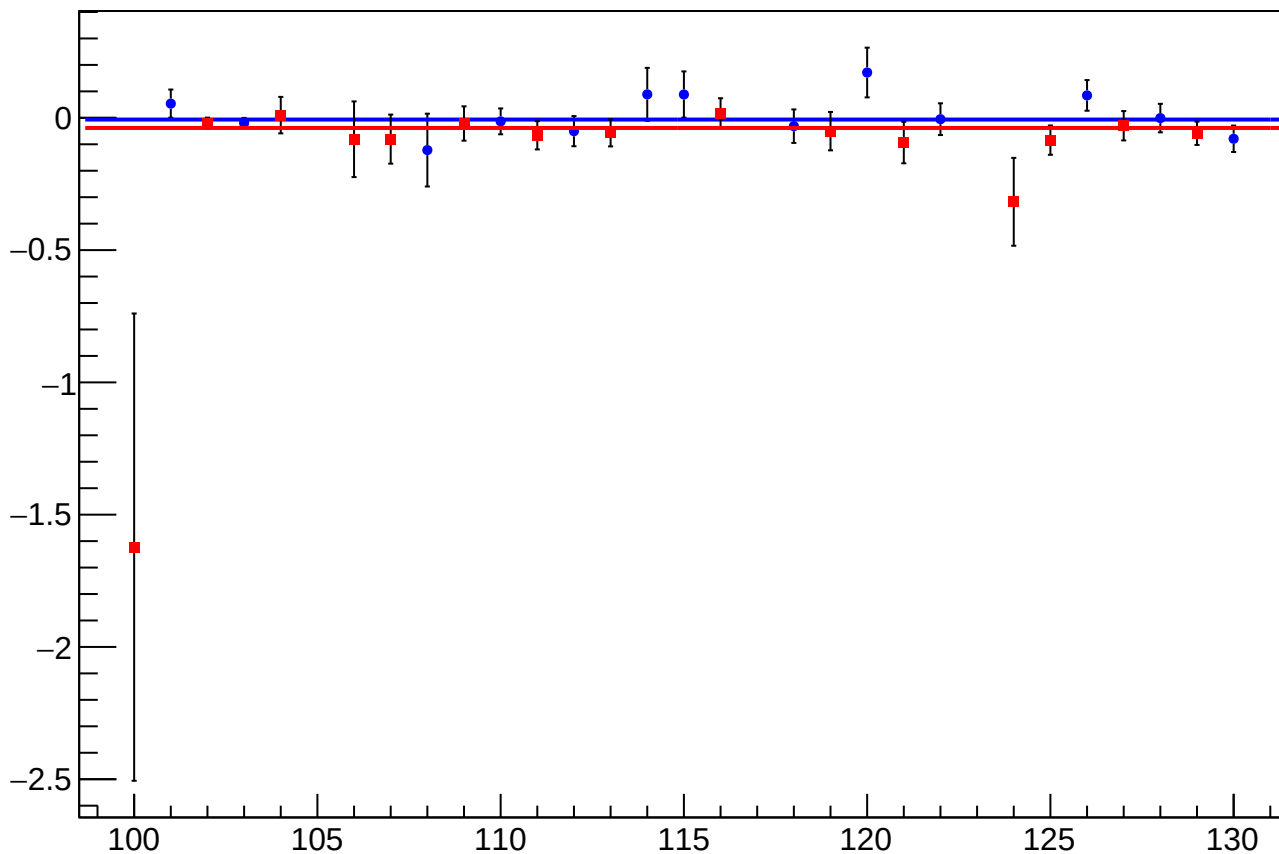
Right: 0.000+/-0.000 χ^2/NDF : 1956413.9/27

In: 0.000+/-0.000 χ^2/NDF : 1174724.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1956413.9/27

asym_sam_37_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.013 χ^2 /NDF: 13.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.038 $\pm$ 0.014 χ^2 /NDF: 10.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

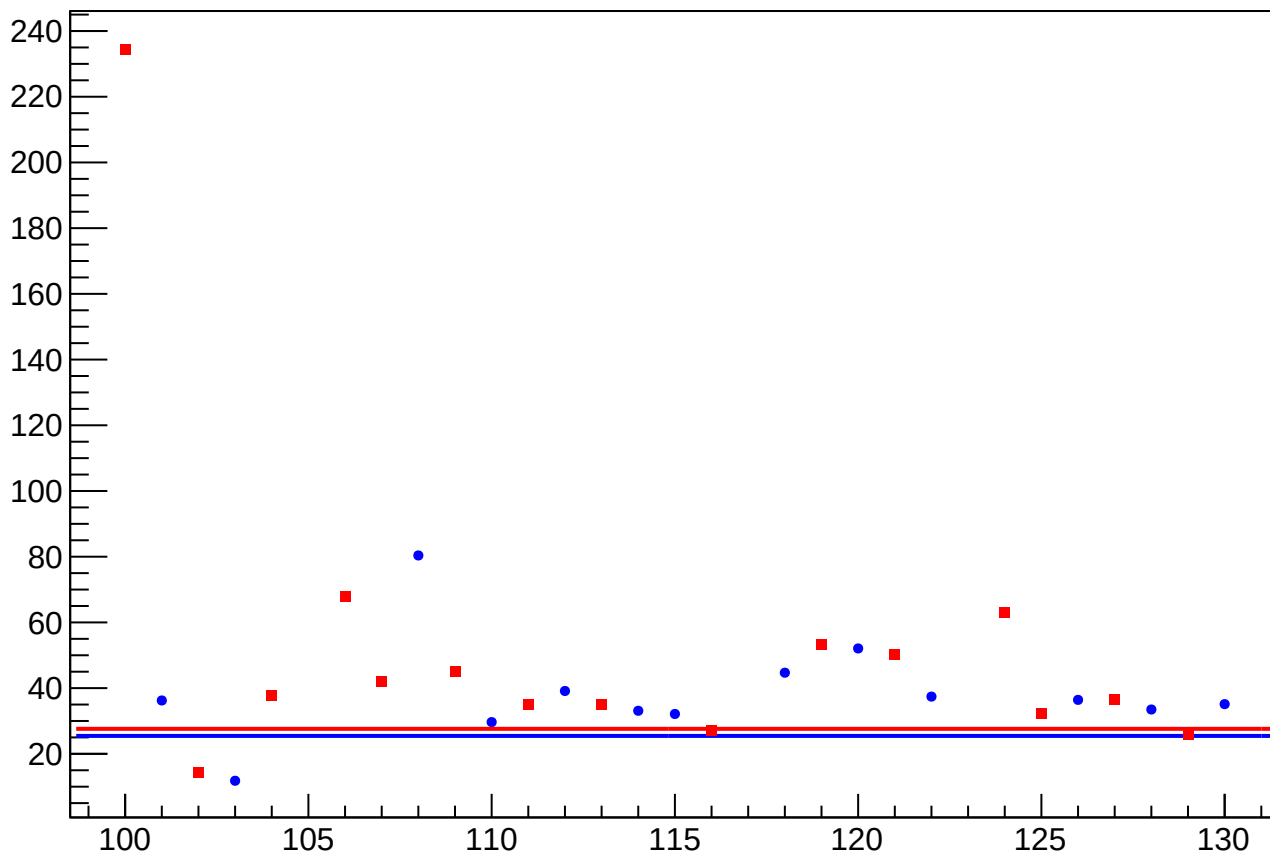
Right: -0.022 $\pm$ 0.010 χ^2 /NDF: 26.7/27

In: -0.007 $\pm$ 0.013 χ^2 /NDF:13.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.022 $\pm$ 0.010 χ^2 /NDF: 26.7/27

asym_sam_37_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.453+/-0.009 χ^2/NDF : 2136574.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.611+/-0.010 χ^2/NDF : 1931531.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

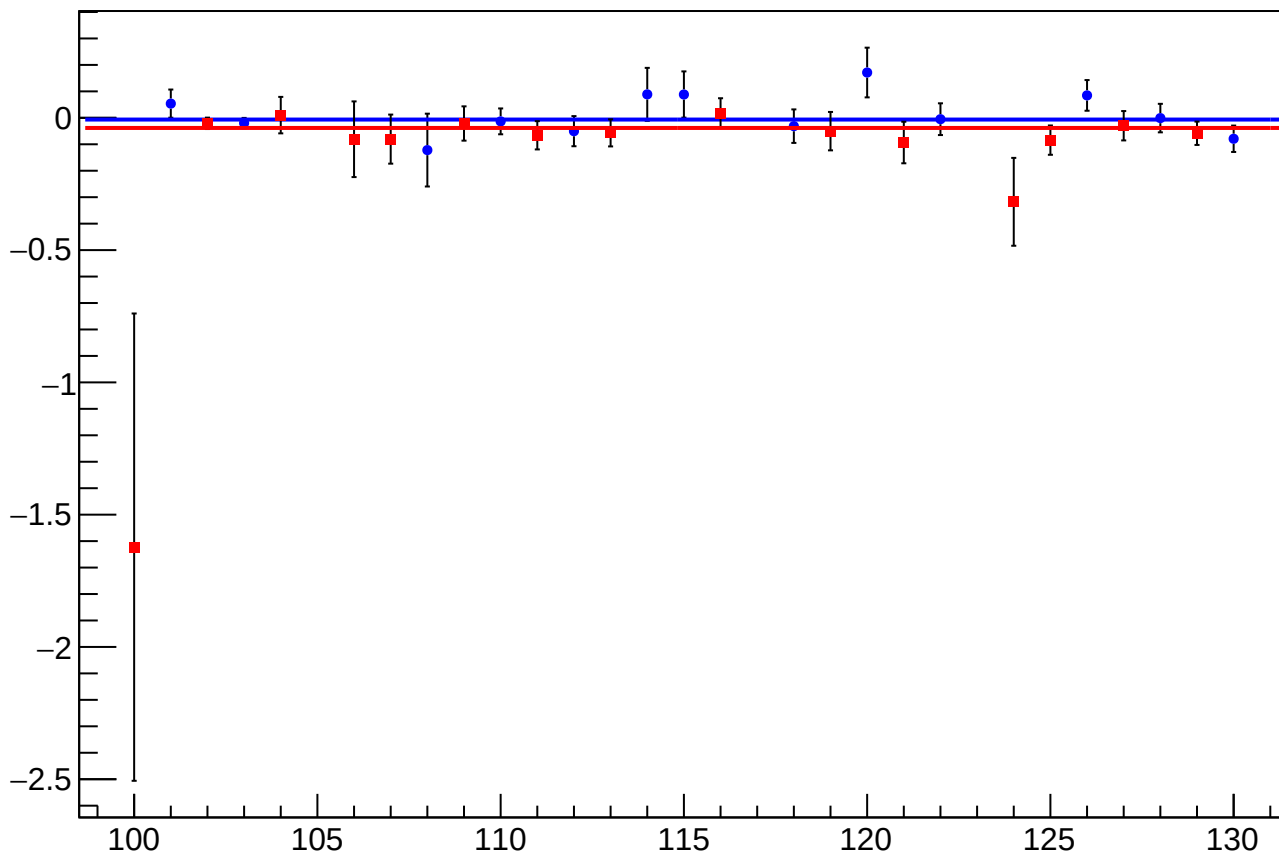
Right: 26.506+/-0.007 χ^2/NDF : 4093742.2/27

In: 25.453+/-0.009 χ^2/NDF : 2136574.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.506+/-0.007 χ^2/NDF : 4093742.2/27

asym_sam_37_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.013 χ^2 /NDF: 13.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.038 $\pm$ 0.014 χ^2 /NDF: 10.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

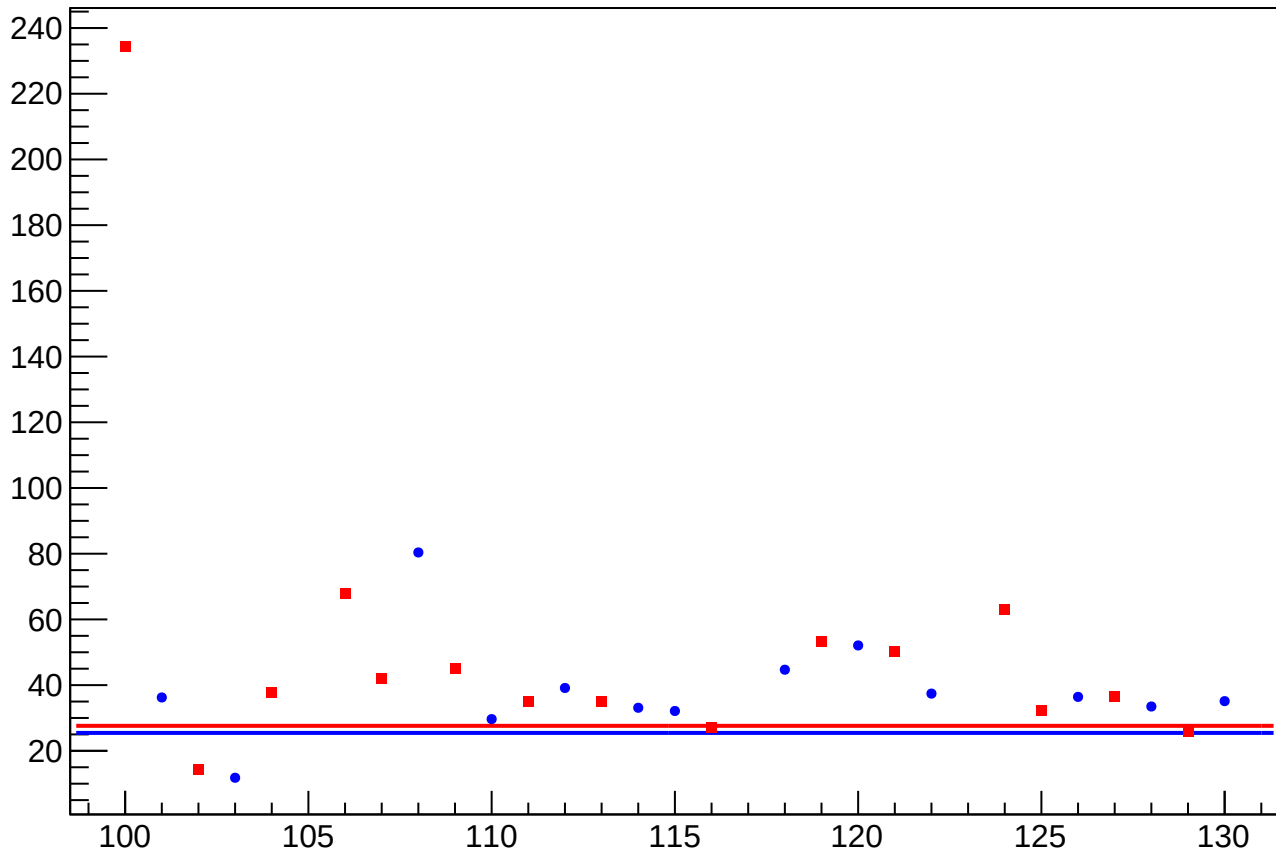
Right: -0.022 $\pm$ 0.010 χ^2 /NDF: 26.7/27

In: -0.007 $\pm$ 0.013 χ^2 /NDF:13.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.022 $\pm$ 0.010 χ^2 /NDF: 26.7/27

asym_sam_37_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.453+/-0.009 χ^2/NDF : 2136574.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.611+/-0.010 χ^2/NDF : 1931531.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

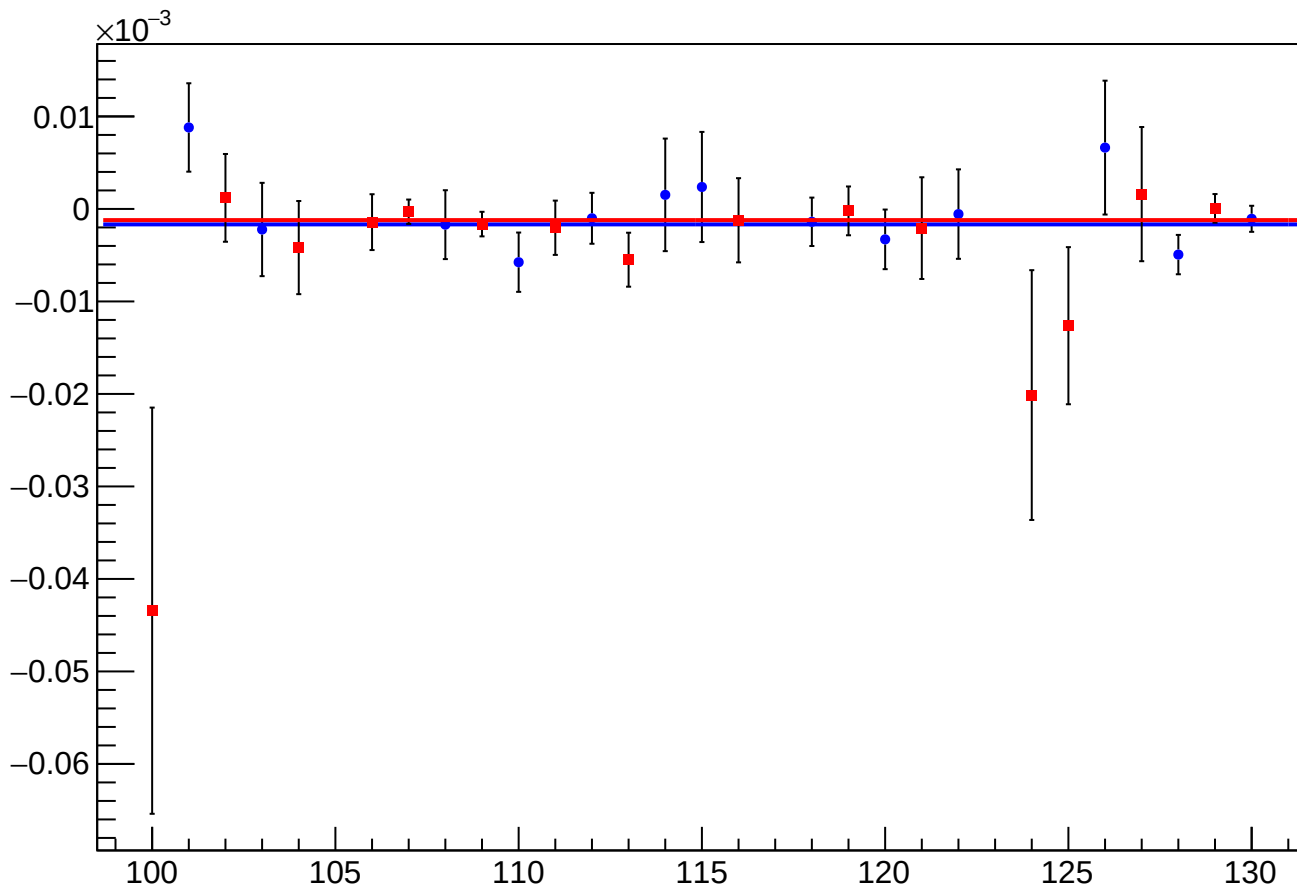
Right: 26.506+/-0.007 χ^2/NDF : 4093742.2/27

In: 25.453+/-0.009 χ^2/NDF : 2136574.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.506+/-0.007 χ^2/NDF : 4093742.2/27

asym_sam_37_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 11.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 11.9/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

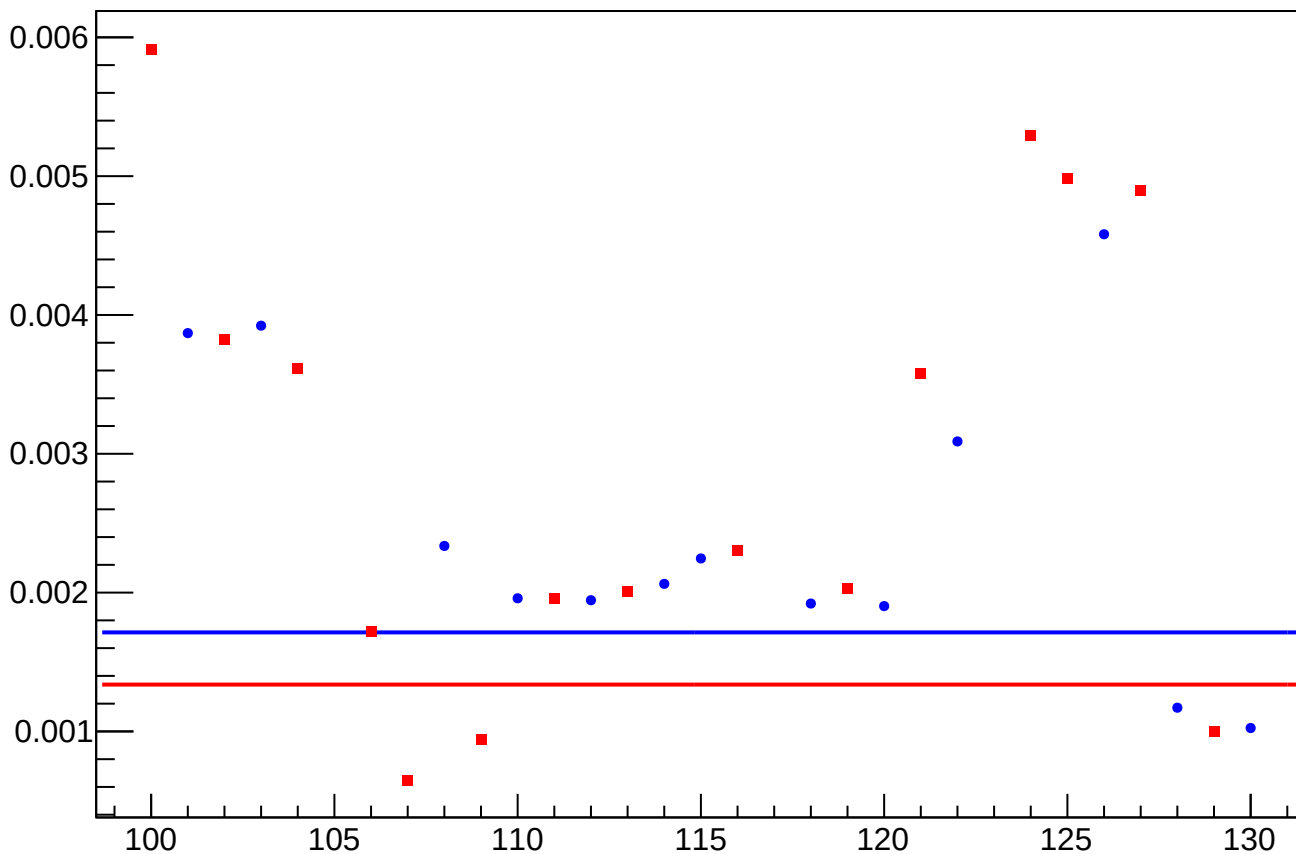
Right: -0.000+/-0.000 χ^2 /NDF: 23.5/27

In: -0.000+/-0.000 χ^2 /NDF:11.4/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 23.5/27

asym_sam_37_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1999968.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3678578.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

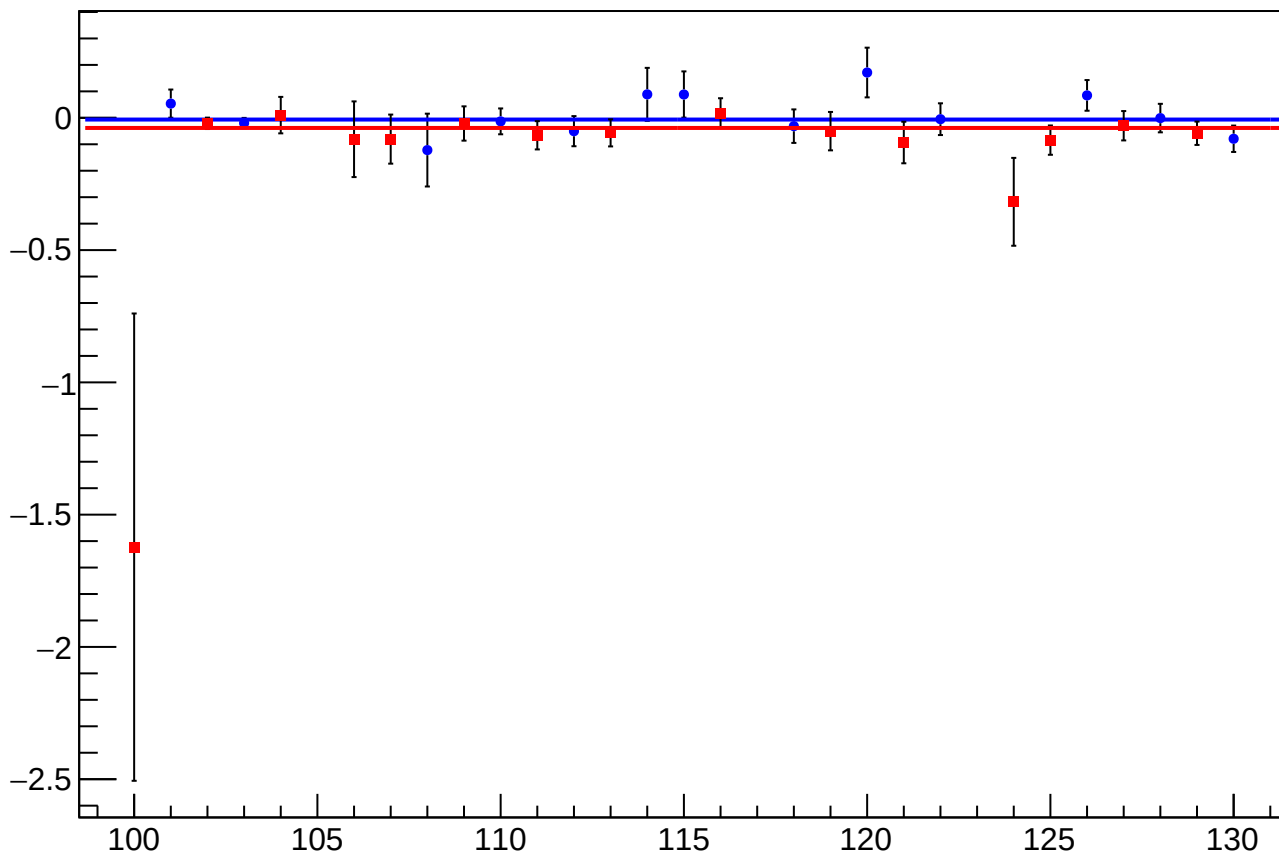
Right: 0.001+/-0.000 χ^2/NDF : 5930338.6/27

In: 0.002+/-0.000 χ^2/NDF :1999968.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5930338.6/27

asym_sam_37_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.013 χ^2 /NDF: 13.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.038 $\pm$ 0.014 χ^2 /NDF: 10.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

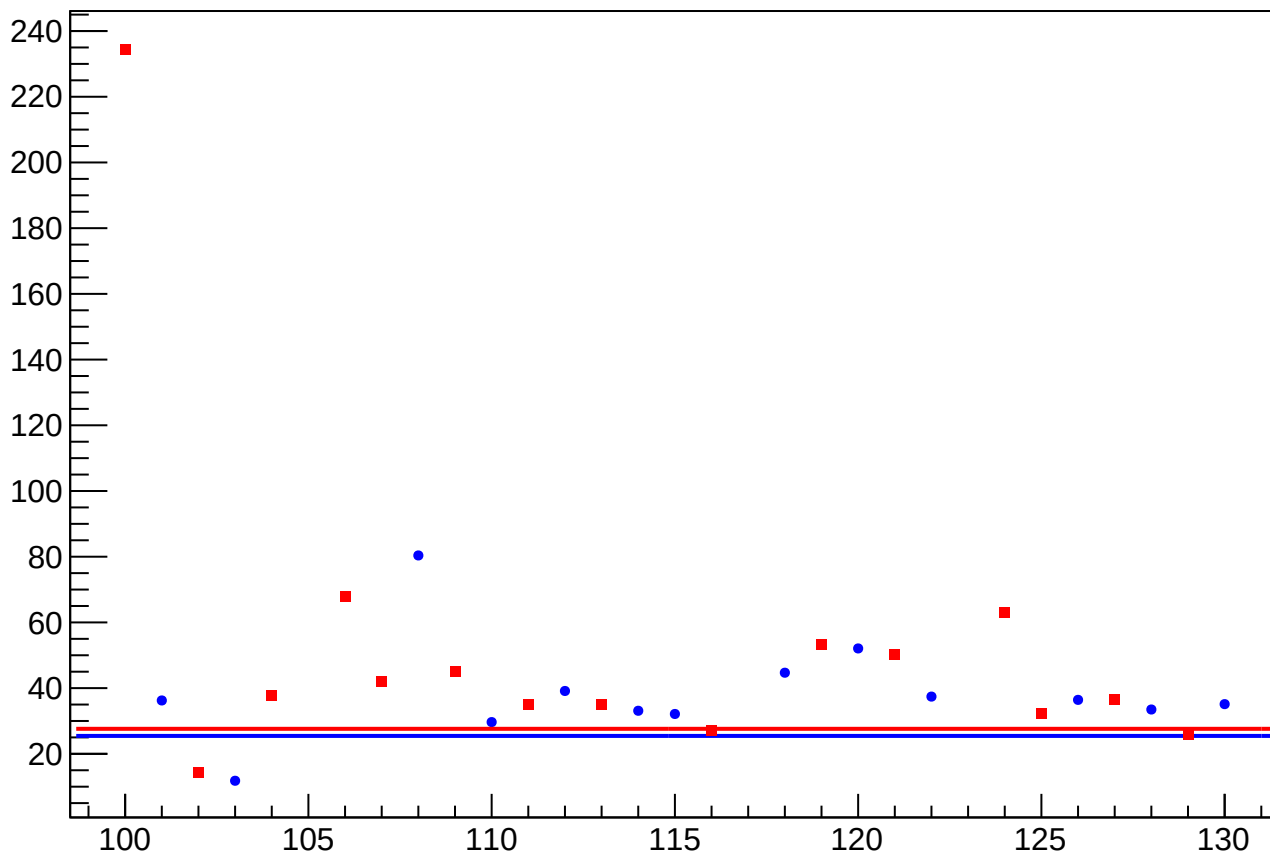
Right: -0.022 $\pm$ 0.010 χ^2 /NDF: 26.7/27

In: -0.007 $\pm$ 0.013 χ^2 /NDF:13.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.022 $\pm$ 0.010 χ^2 /NDF: 26.7/27

asym_sam_37_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.453+/-0.009 χ^2/NDF : 2136885.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.614+/-0.010 χ^2/NDF : 1931032.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

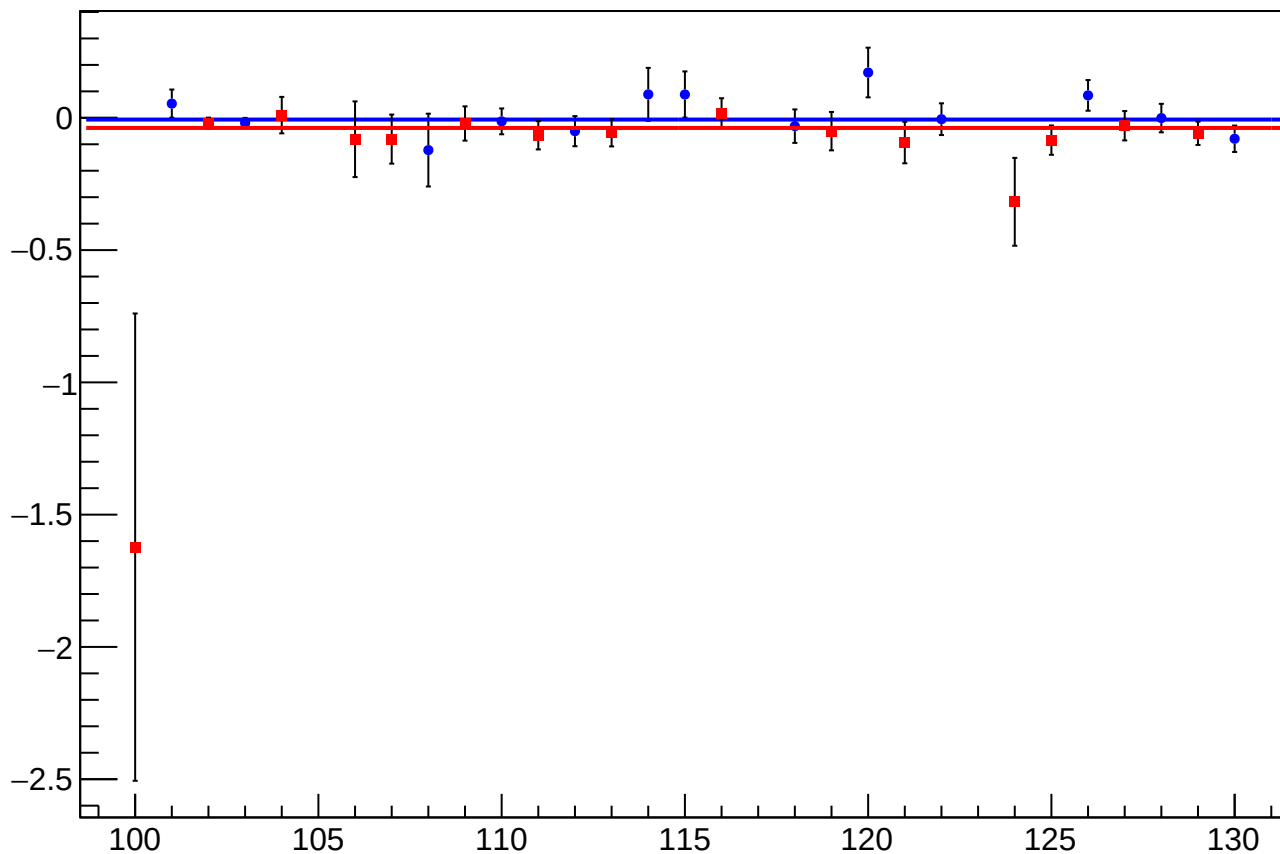
Right: 26.507+/-0.007 χ^2/NDF : 4093643.1/27

In: 25.453+/-0.009 χ^2/NDF : 2136885.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.507+/-0.007 χ^2/NDF : 4093643.1/27

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007±/0.013 χ^2/NDF : 13.5/12

Left Out: 0.000±/0.000 χ^2/NDF : 0.0/0

Right Out: -0.038±/0.014 χ^2/NDF : 10.4/14

Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

Left: 0.000±/0.000 χ^2/NDF : 0.0/0

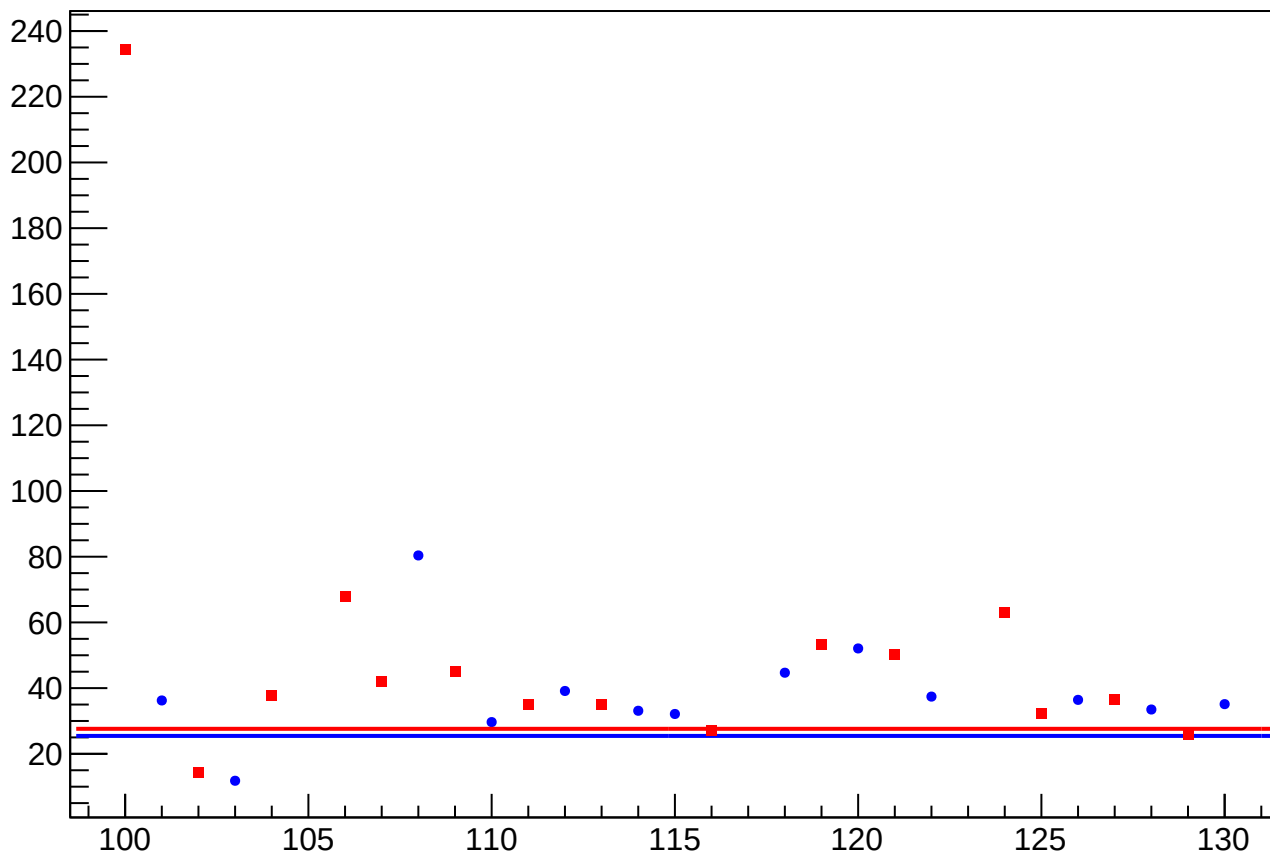
Right: -0.022±/0.010 χ^2/NDF : 26.7/27

In: -0.007±/0.013 χ^2/NDF : 13.5/12

Out: 0.000±/0.000 χ^2/NDF : 0.0/0

All: -0.022±/0.010 χ^2/NDF : 26.7/27

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.453+/-0.009 χ^2/NDF : 2136885.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.614+/-0.010 χ^2/NDF : 1931032.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

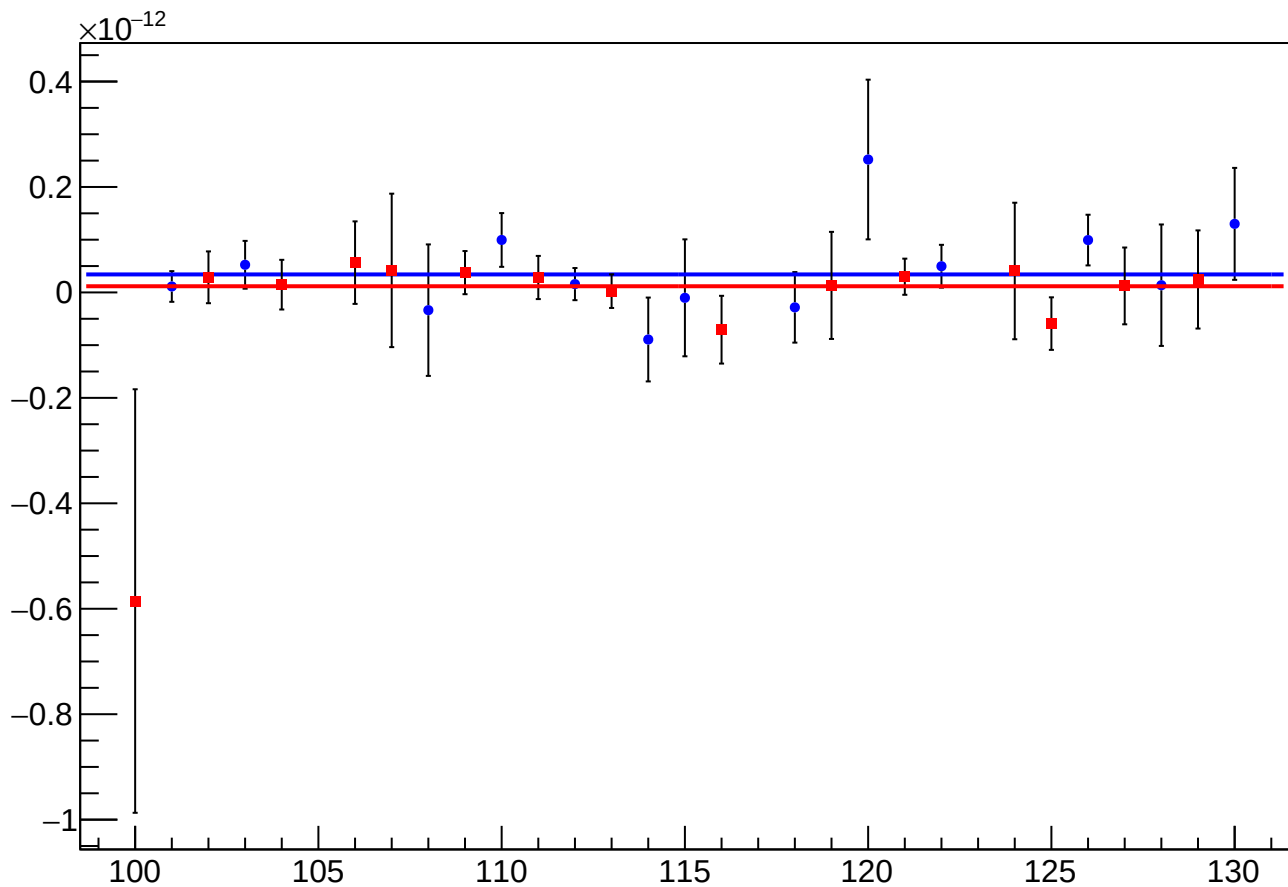
Right: 26.507+/-0.007 χ^2/NDF : 4093643.1/27

In: 25.453+/-0.009 χ^2/NDF : 2136885.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.507+/-0.007 χ^2/NDF : 4093643.1/27

asym_sam_37_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

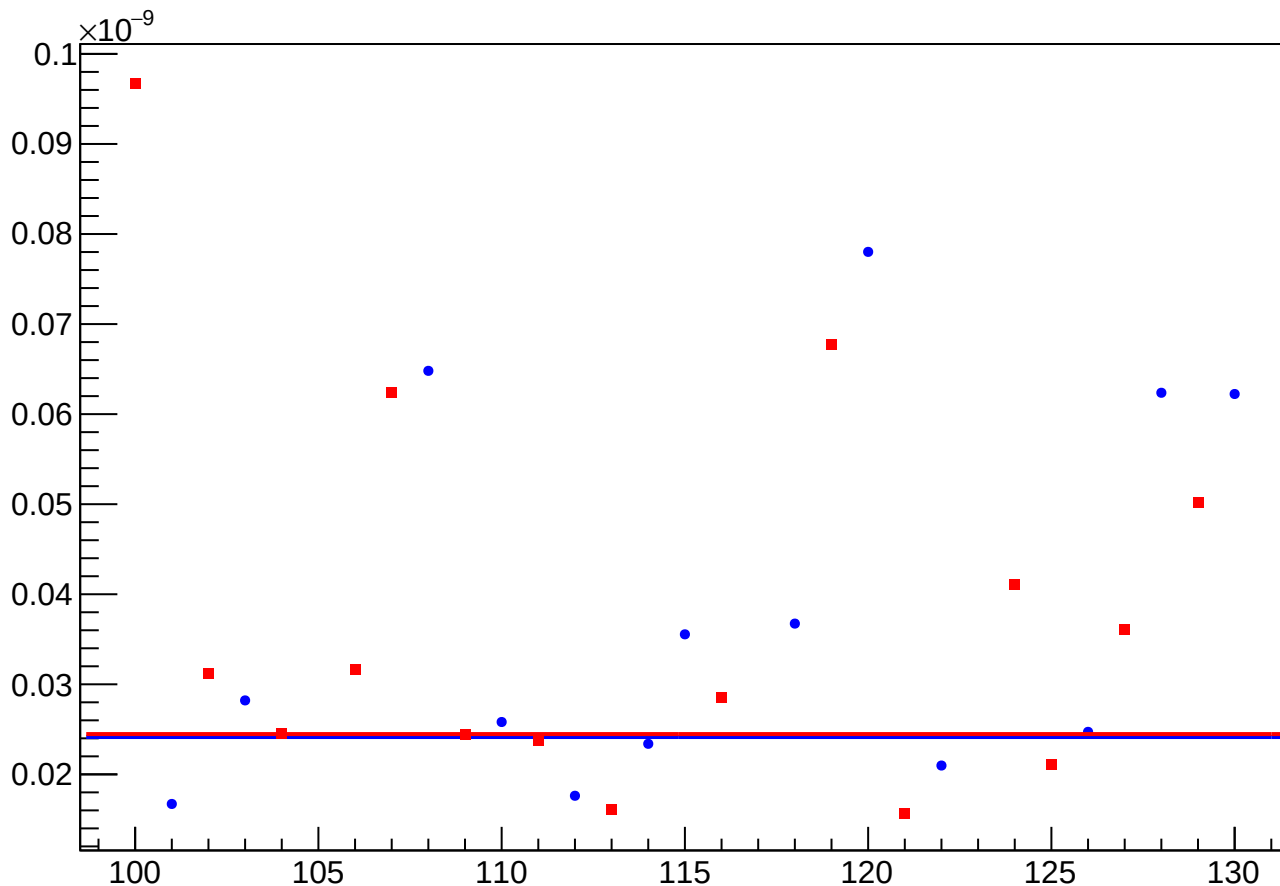
Right: 0.000+/-0.000 χ^2/NDF : 20.1/27

In: 0.000+/-0.000 χ^2/NDF : 11.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.1/27

asym_sam_37_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1288348.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1143034.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

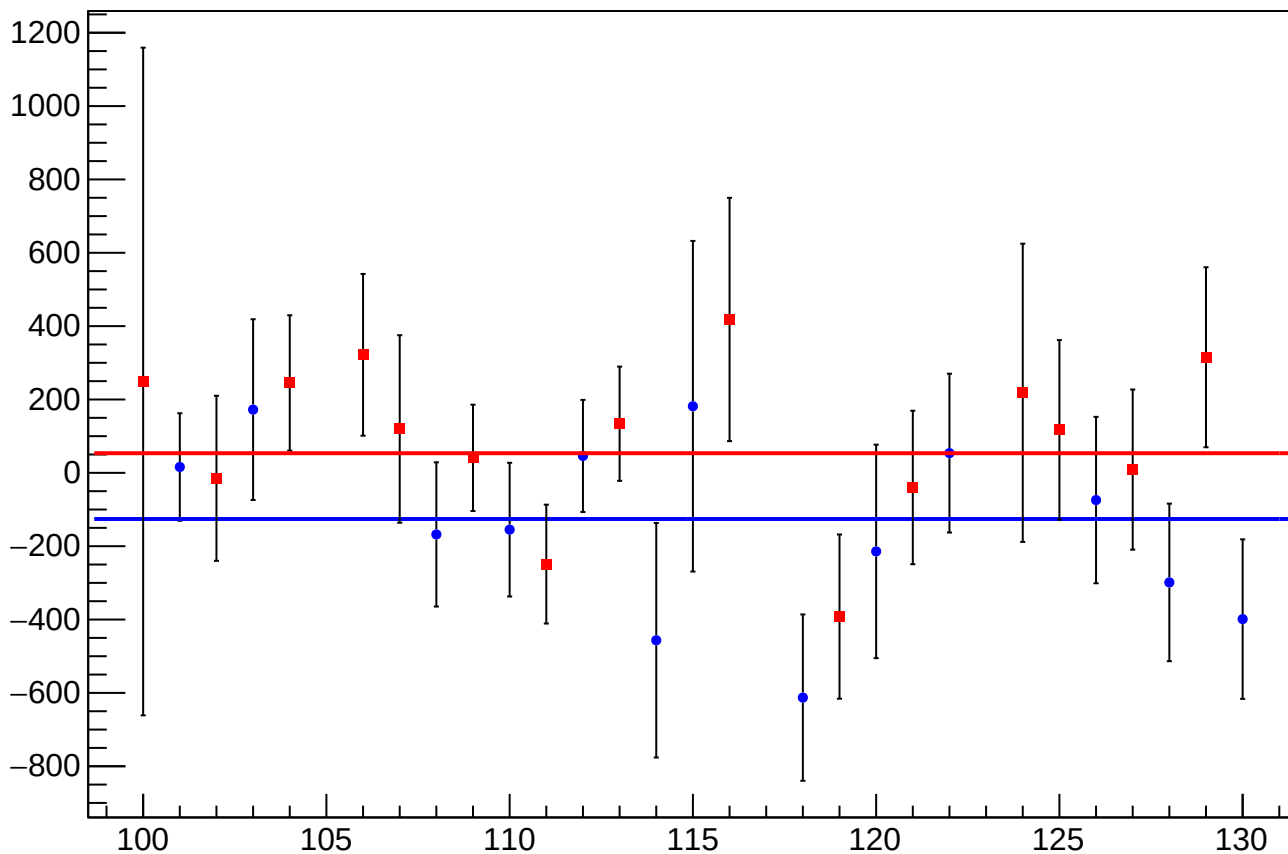
Right: 0.000+/-0.000 χ^2/NDF : 2431926.6/27

In: 0.000+/-0.000 χ^2/NDF : 1288348.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2431926.6/27

reg_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -125.838+/-58.587 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 53.538+/-55.445 χ^2/NDF : 13.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

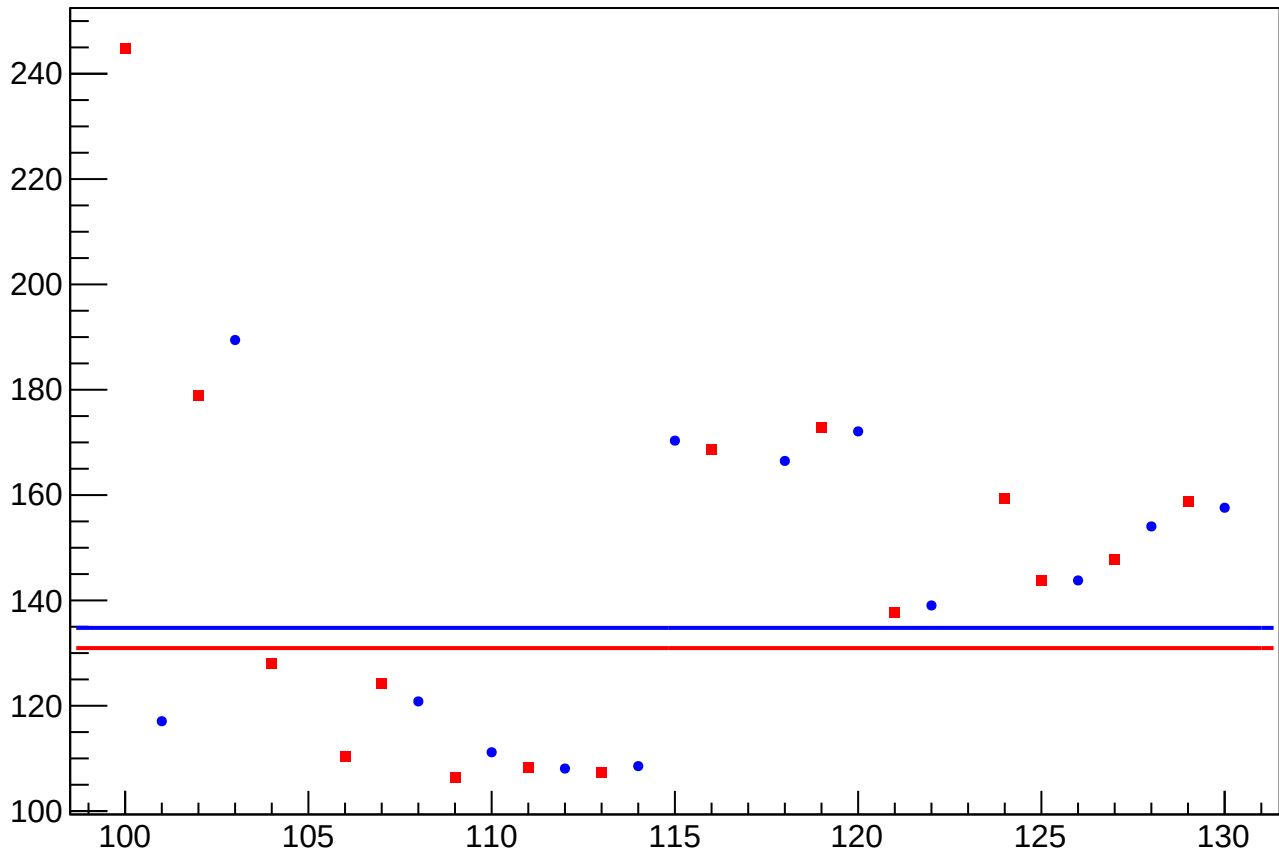
Right: -31.211+/-40.270 χ^2/NDF : 31.2/27

In: -125.838+/-58.587 χ^2/NDF :12.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -31.211+/-40.270 χ^2/NDF : 31.2/27

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 134.786+/-0.041 χ^2/NDF : 372234.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 130.949+/-0.039 χ^2/NDF : 434679.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

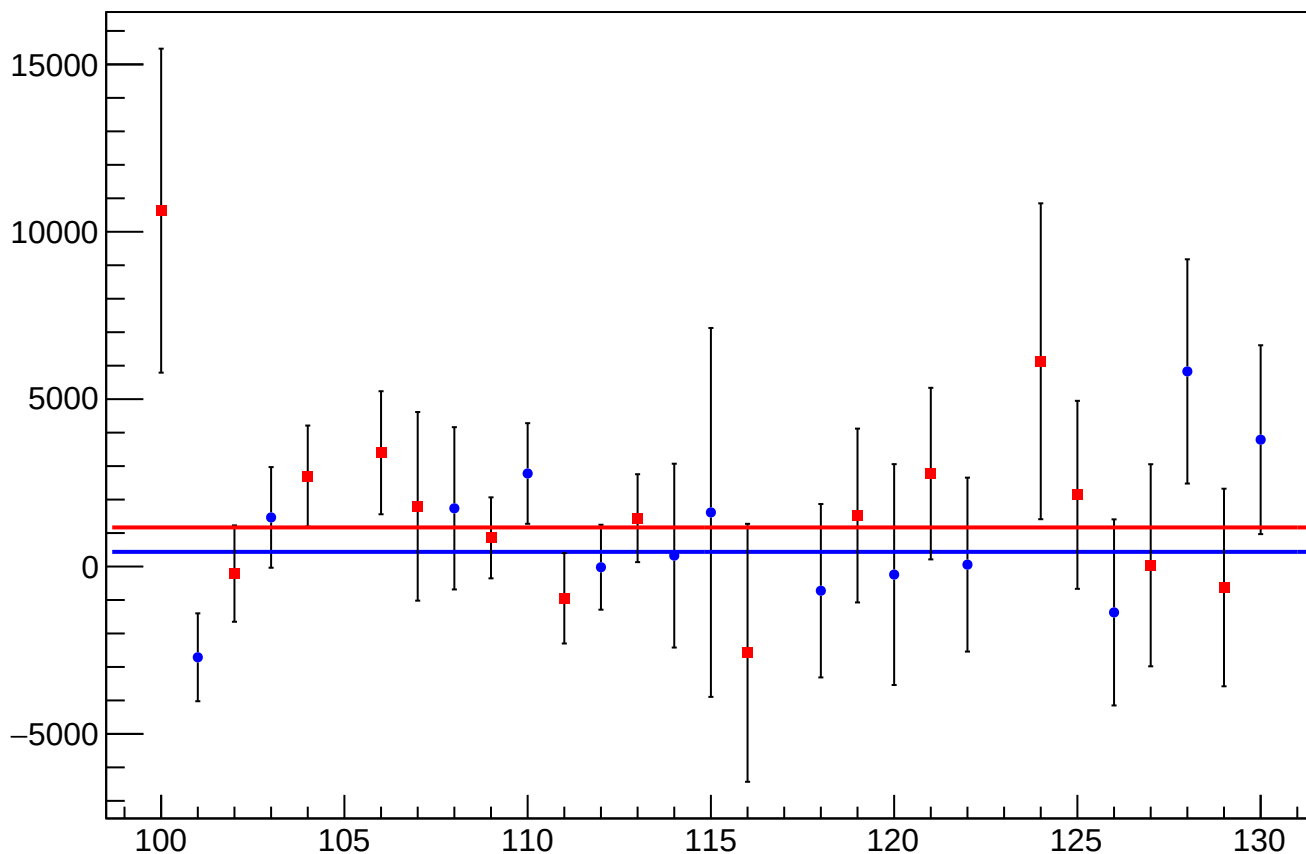
Right: 132.762+/-0.028 χ^2/NDF : 811440.6/27

In: 134.786+/-0.041 χ^2/NDF :372234.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 132.762+/-0.028 χ^2/NDF : 811440.6/27

asym_sam_48_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 438.128+/-562.876 χ^2/NDF : 13.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1168.036+/-502.404 χ^2/NDF : 13.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

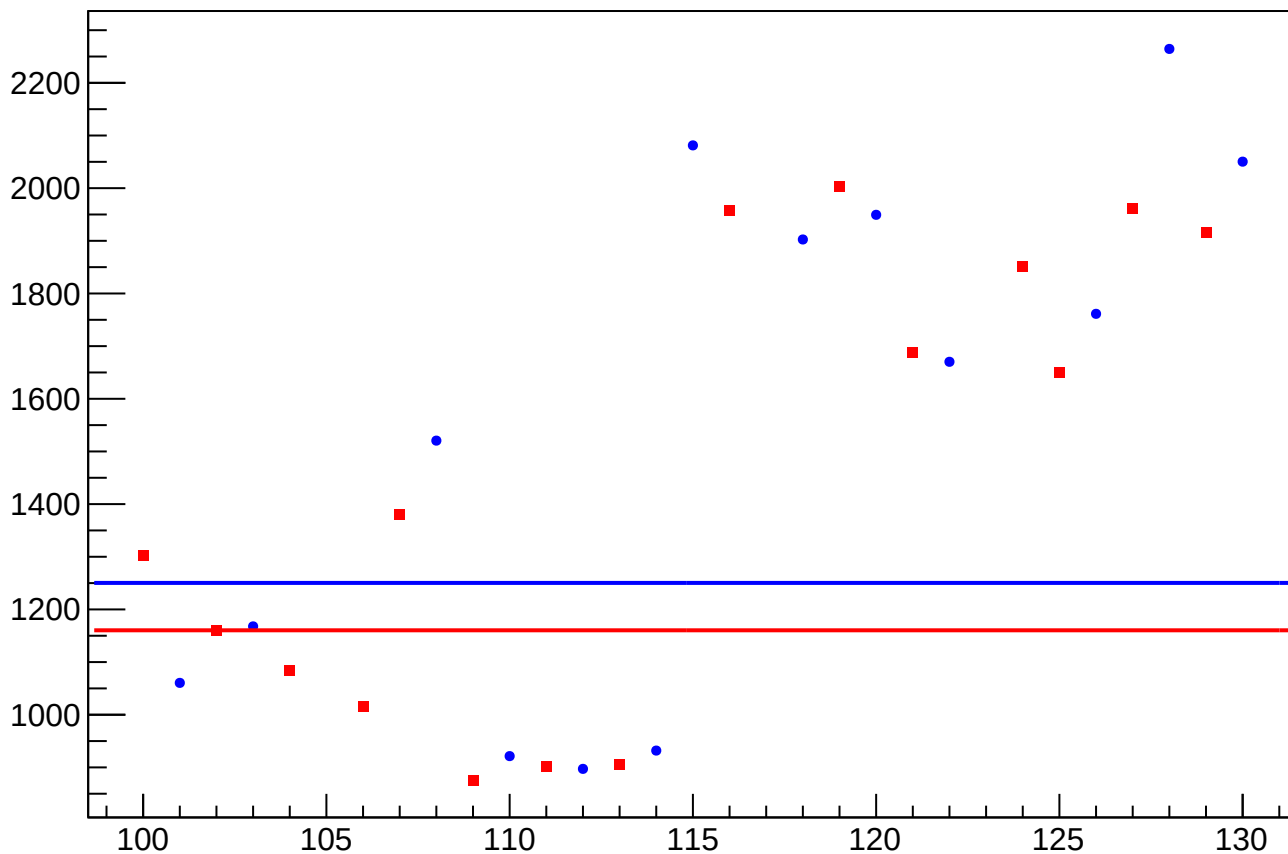
Right: 844.383+/-374.816 χ^2/NDF : 27.7/27

In: 438.128+/-562.876 χ^2/NDF : 13.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 844.383+/-374.816 χ^2/NDF : 27.7/27

asym_sam_48_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1250.347+/-0.398 χ^2/NDF : 1076576.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1160.351+/-0.355 χ^2/NDF : 1048254.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

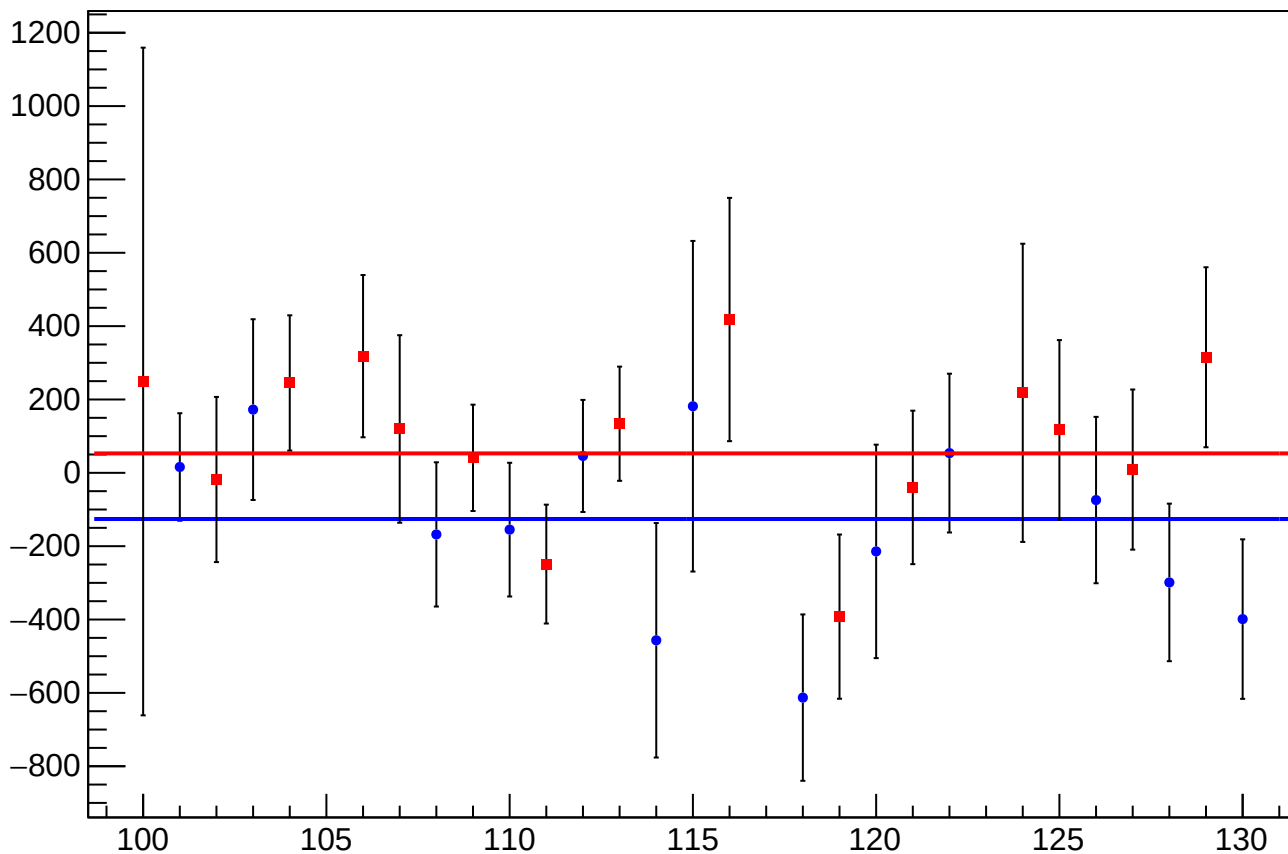
Right: 1200.257+/-0.265 χ^2/NDF : 2153286.9/27

In: 1250.347+/-0.398 χ^2/NDF : 1076576.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1200.257+/-0.265 χ^2/NDF : 2153286.9/27

cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -125.855+/-58.587 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.998+/-55.457 χ^2/NDF : 13.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

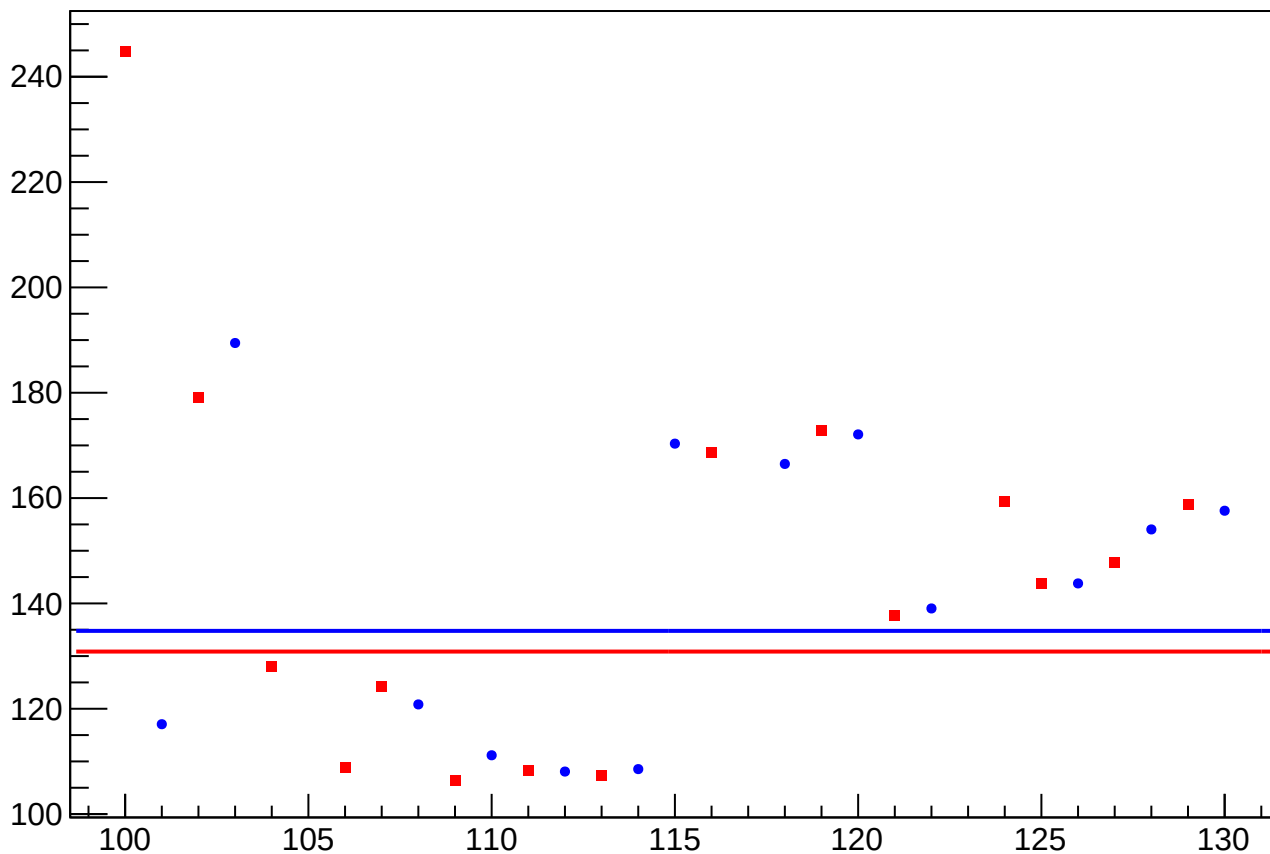
Right: -31.525+/-40.275 χ^2/NDF : 31.1/27

In: -125.855+/-58.587 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.525+/-40.275 χ^2/NDF : 31.1/27

cor_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 134.786+/-0.041 χ^2/NDF : 372237.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 130.859+/-0.039 χ^2/NDF : 437570.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

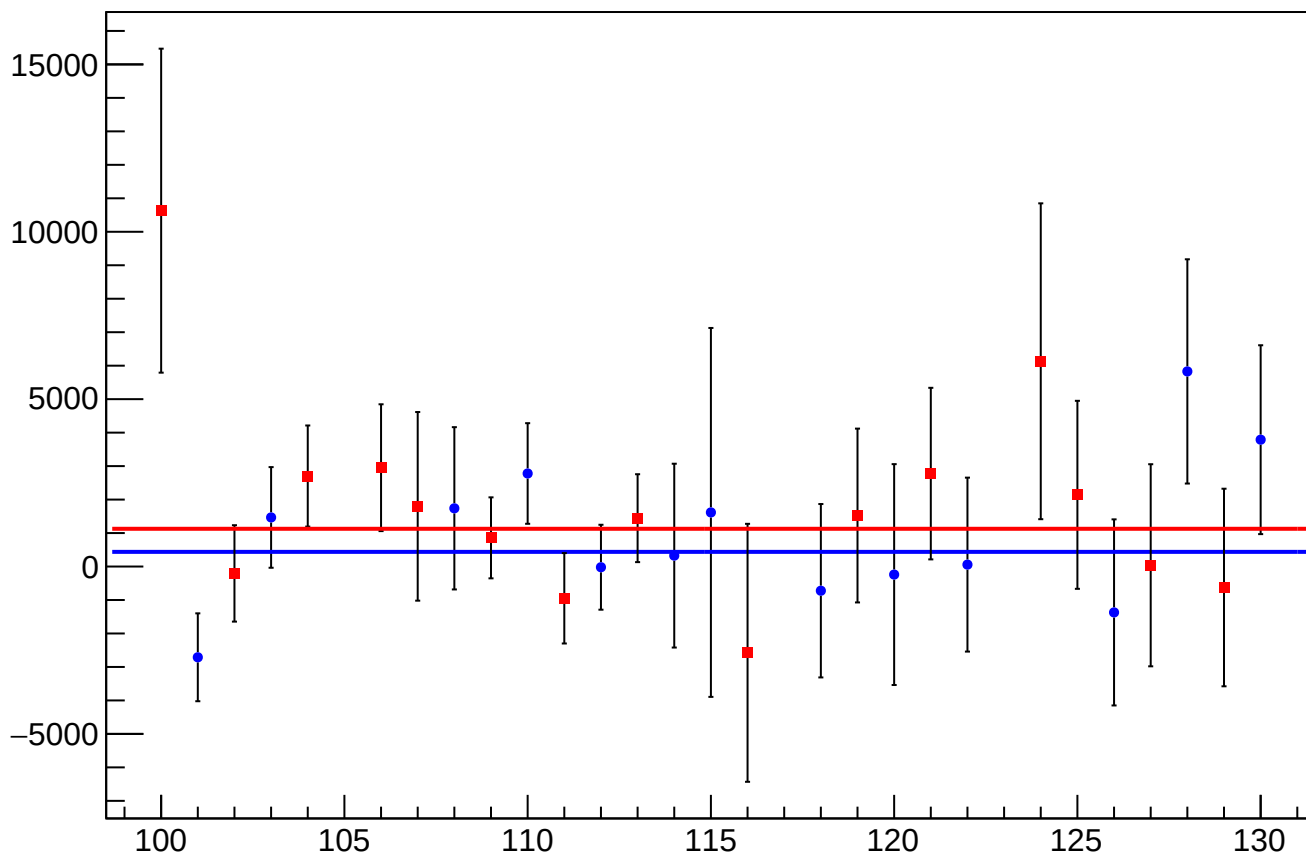
Right: 132.715+/-0.028 χ^2/NDF : 814548.8/27

In: 134.786+/-0.041 χ^2/NDF :372237.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 132.715+/-0.028 χ^2/NDF : 814548.8/27

asym_sam_48_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 438.049+/-562.883 χ^2/NDF : 13.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1127.592+/-503.544 χ^2/NDF : 12.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

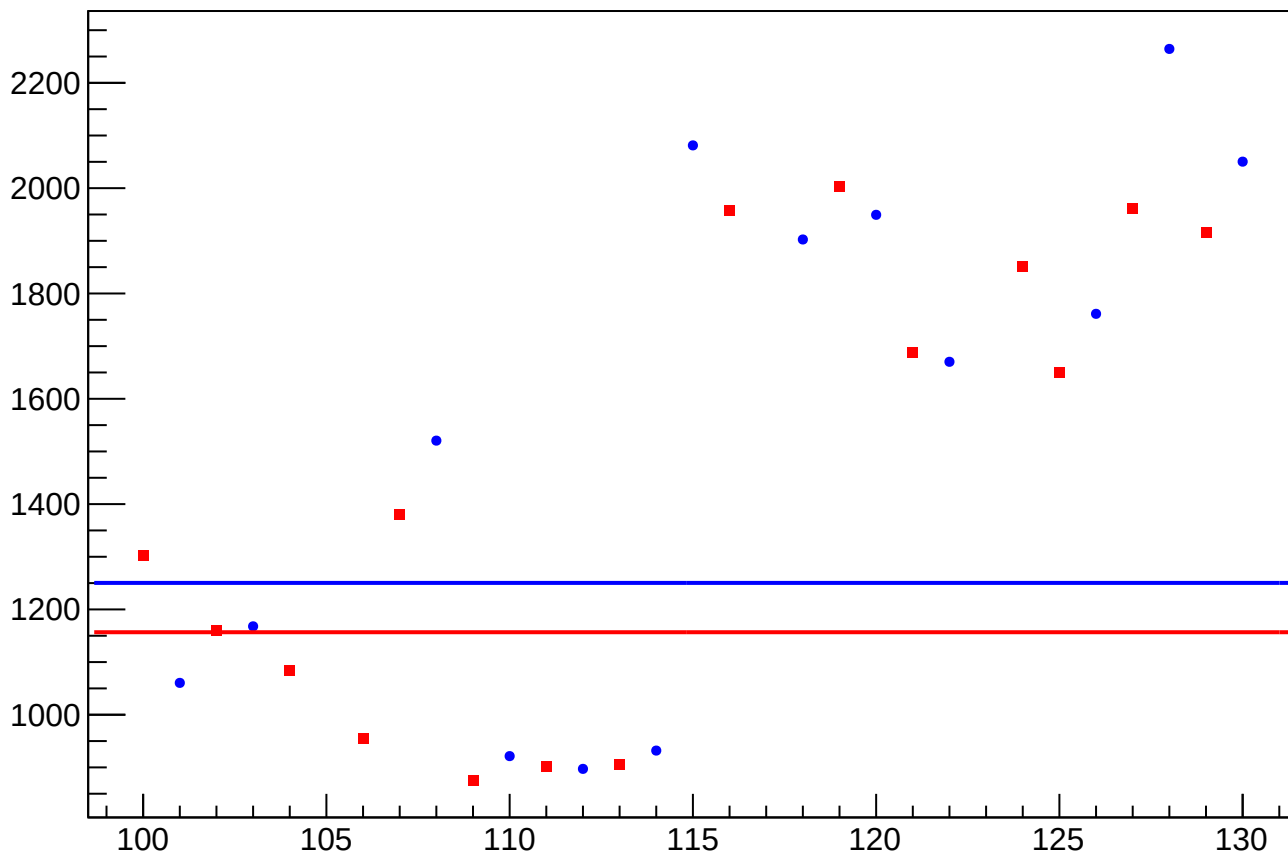
Right: 821.070+/-375.291 χ^2/NDF : 27.0/27

In: 438.049+/-562.883 χ^2/NDF : 13.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 821.070+/-375.291 χ^2/NDF : 27.0/27

asym_sam_48_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1250.364+/-0.398 χ^2/NDF : 1076559.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1156.692+/-0.356 χ^2/NDF : 1059512.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

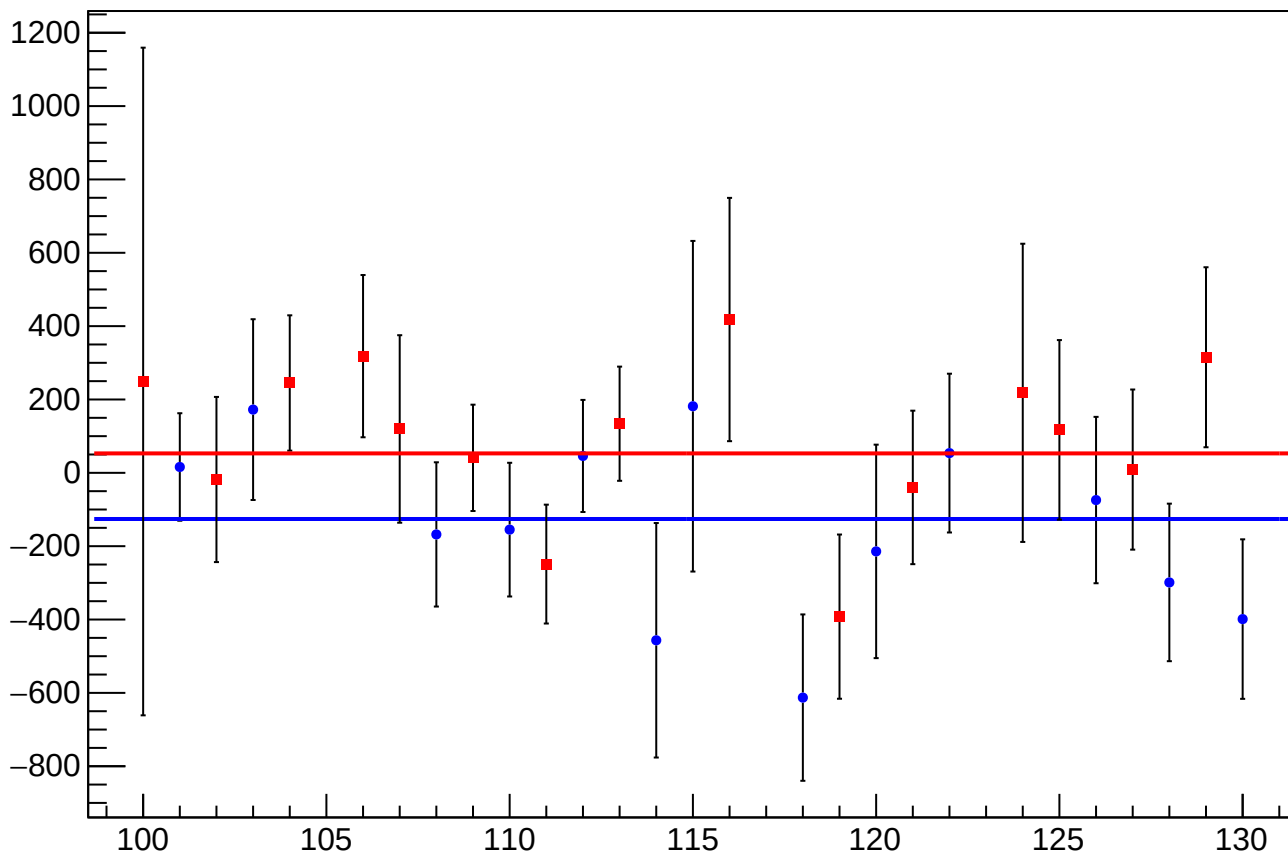
Right: 1198.332+/-0.265 χ^2/NDF : 2166838.0/27

In: 1250.364+/-0.398 χ^2/NDF : 1076559.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1198.332+/-0.265 χ^2/NDF : 2166838.0/27

eigen_cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -125.855+/-58.587 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 52.998+/-55.457 χ^2/NDF : 13.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

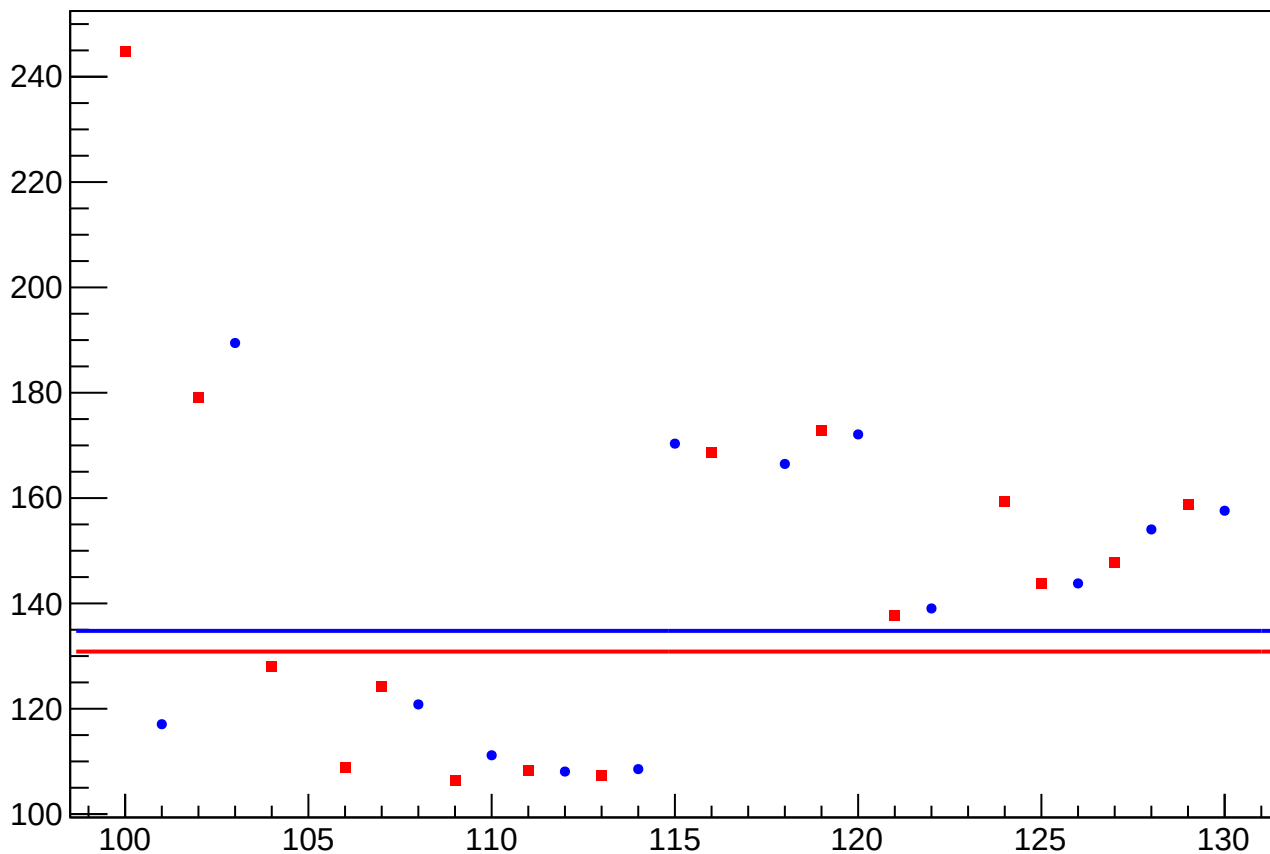
Right: -31.525+/-40.275 χ^2/NDF : 31.1/27

In: -125.855+/-58.587 χ^2/NDF :12.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -31.525+/-40.275 χ^2/NDF : 31.1/27

eigen_cor_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 134.786+/-0.041 χ^2/NDF : 372237.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 130.859+/-0.039 χ^2/NDF : 437570.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

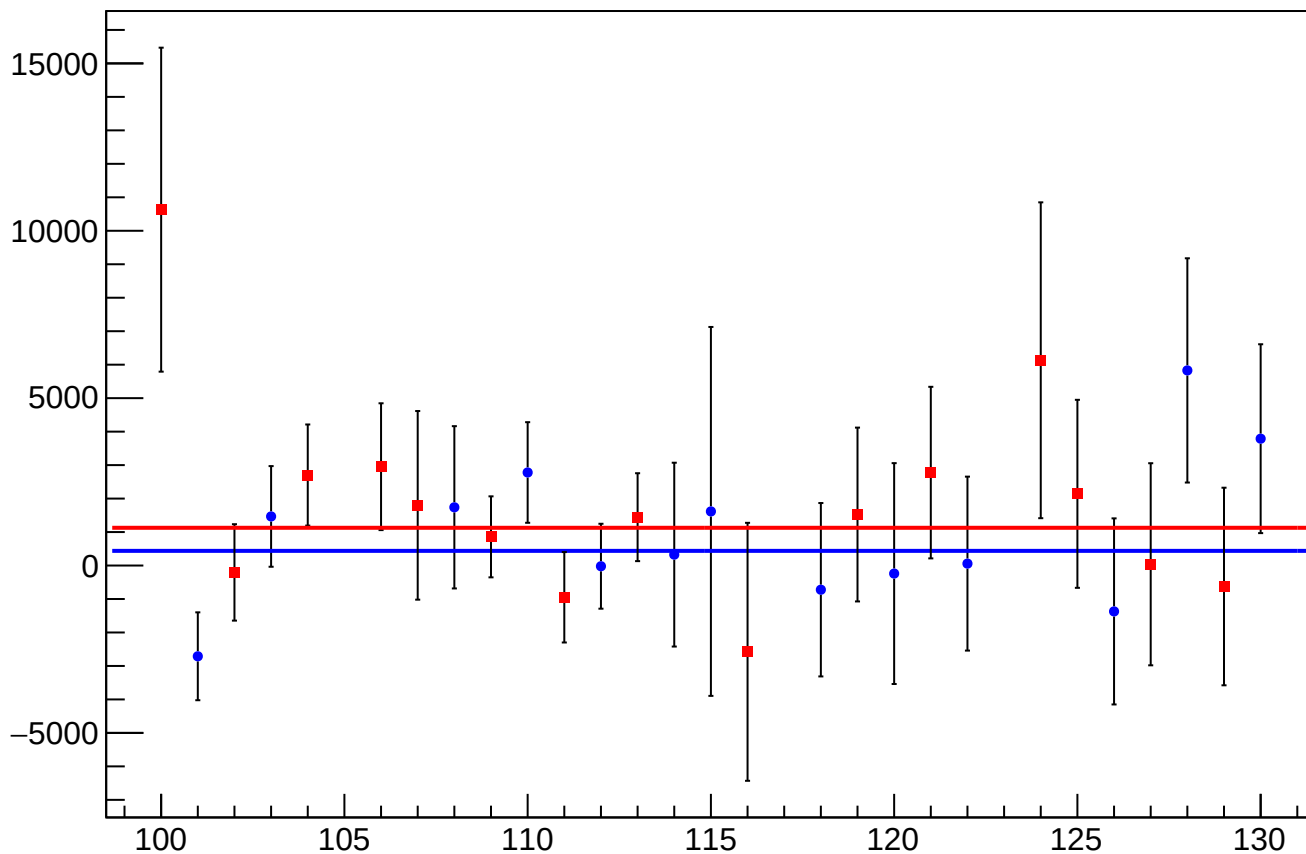
Right: 132.715+/-0.028 χ^2/NDF : 814548.8/27

In: 134.786+/-0.041 χ^2/NDF :372237.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 132.715+/-0.028 χ^2/NDF : 814548.8/27

asym_sam_48_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 438.049+/-562.883 χ^2/NDF : 13.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1127.592+/-503.544 χ^2/NDF : 12.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

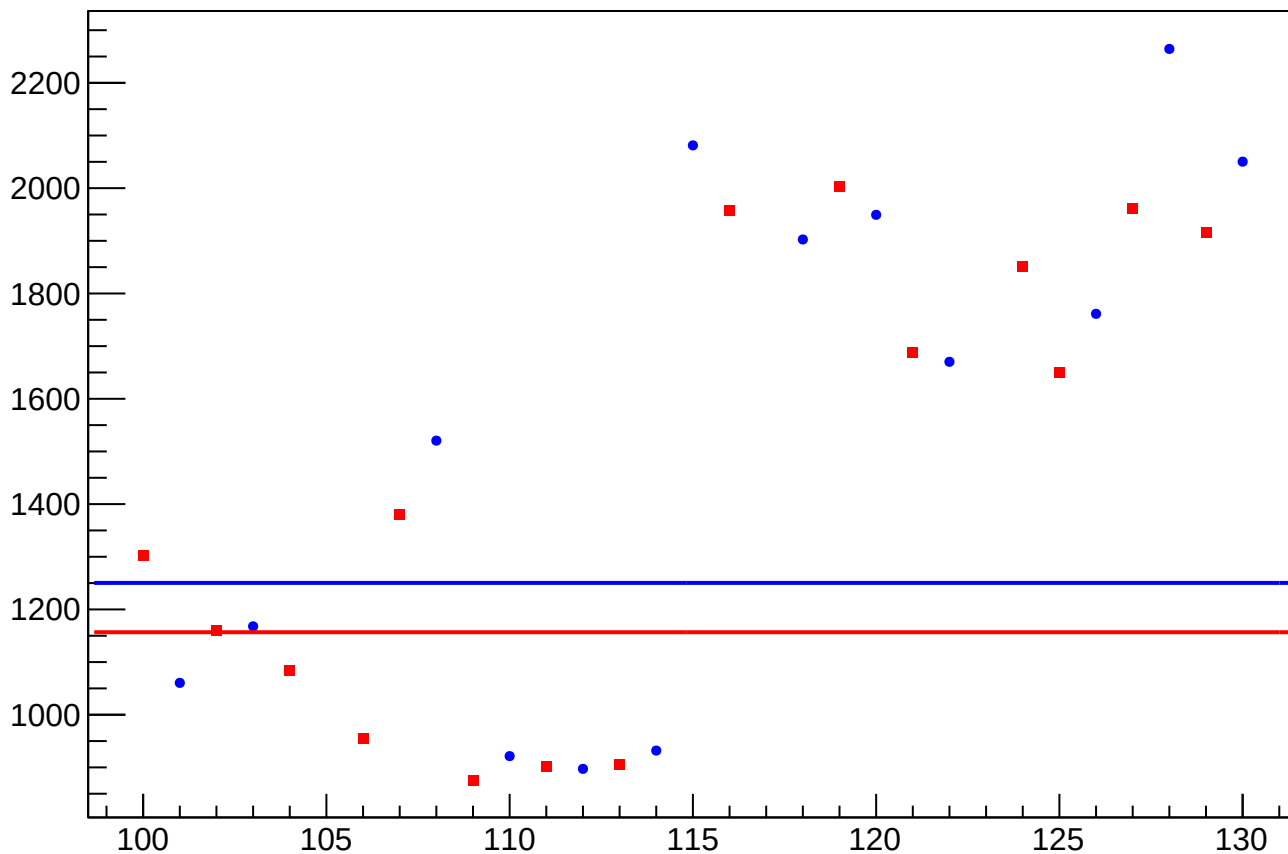
Right: 821.070+/-375.291 χ^2/NDF : 27.0/27

In: 438.049+/-562.883 χ^2/NDF : 13.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 821.070+/-375.291 χ^2/NDF : 27.0/27

asym_sam_48_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1250.364+/-0.398 χ^2/NDF : 1076559.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1156.692+/-0.356 χ^2/NDF : 1059512.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

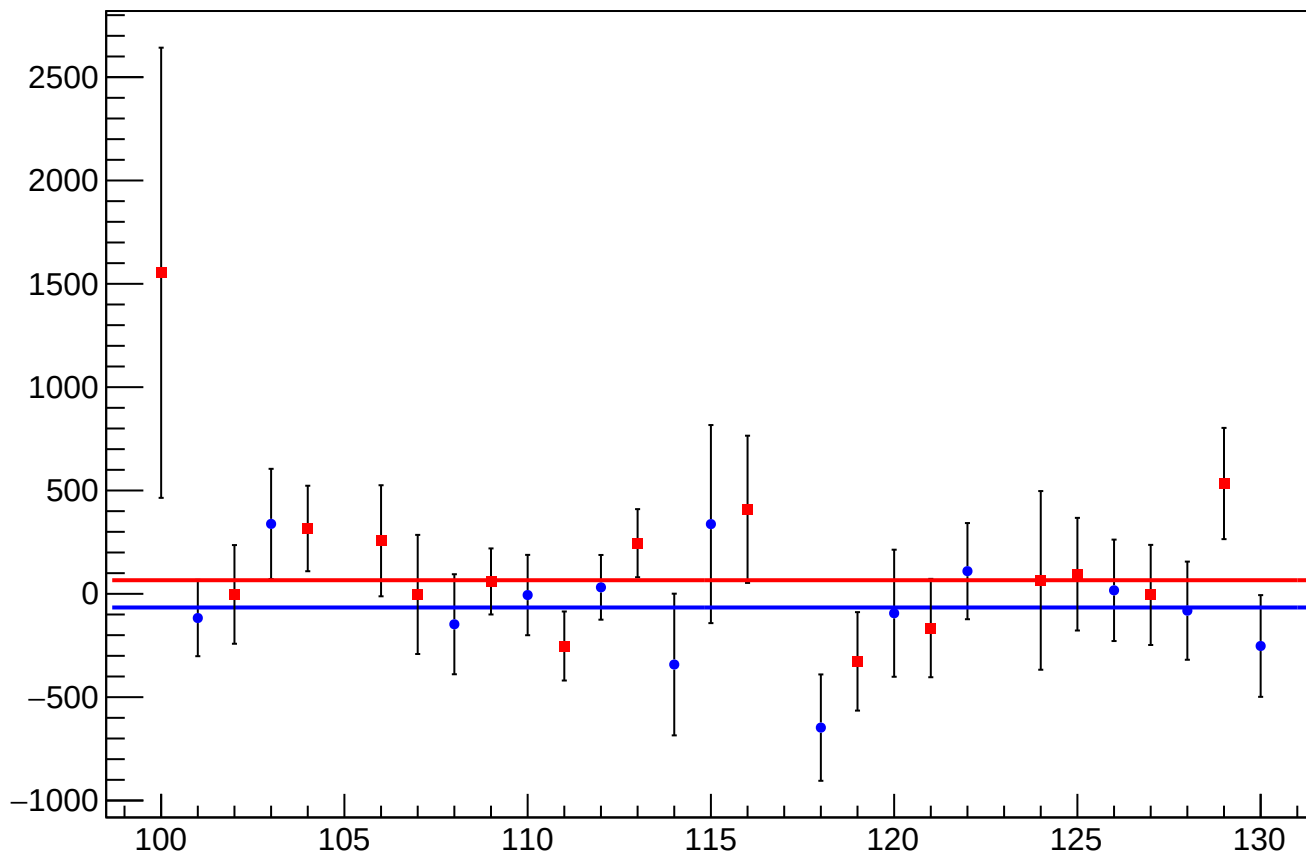
Right: 1198.332+/-0.265 χ^2/NDF : 2166838.0/27

In: 1250.364+/-0.398 χ^2/NDF : 1076559.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1198.332+/-0.265 χ^2/NDF : 2166838.0/27

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -66.042 $\pm$ 65.154 χ^2 /NDF: 10.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 65.877 $\pm$ 60.598 χ^2 /NDF: 16.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

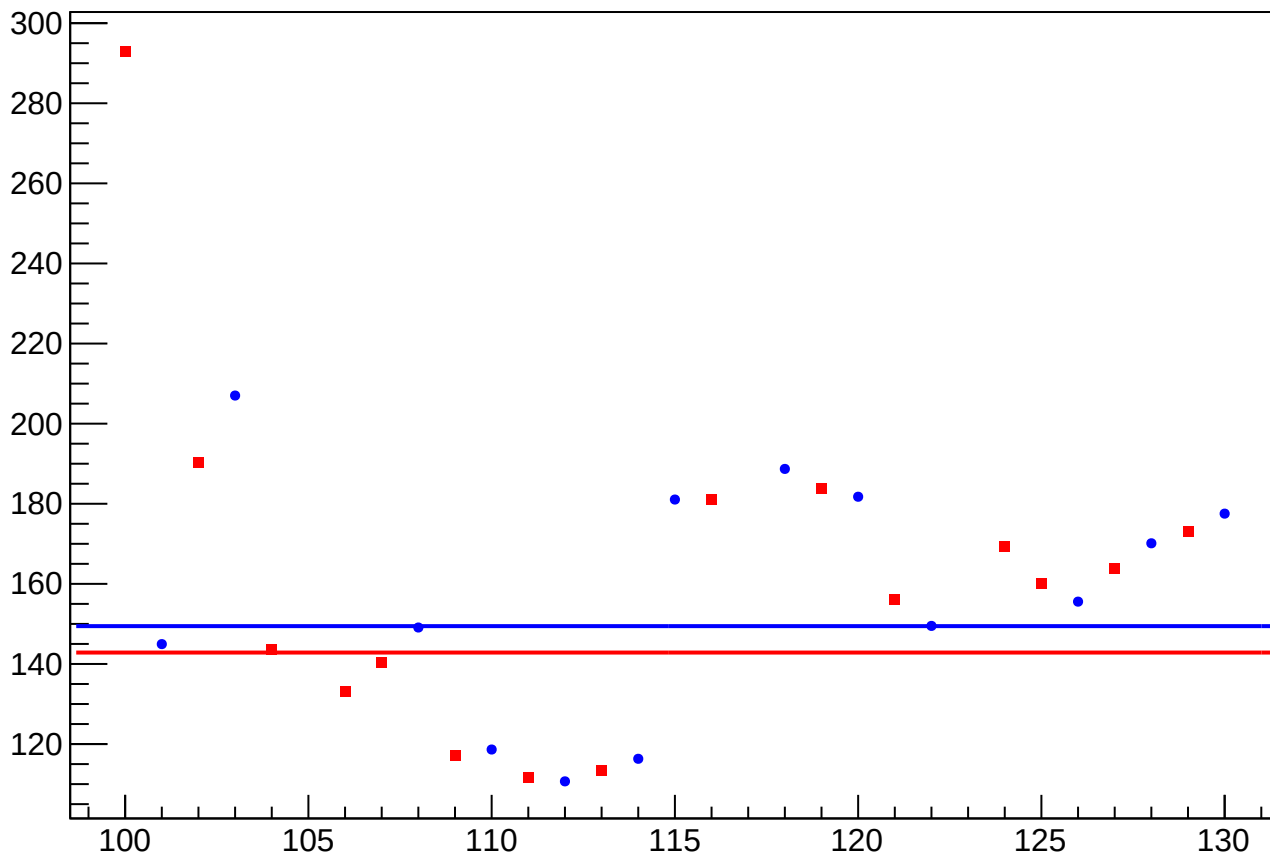
Right: 4.691 $\pm$ 44.372 χ^2 /NDF: 29.4/27

In: -66.042 $\pm$ 65.154 χ^2 /NDF:10.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4.691 $\pm$ 44.372 χ^2 /NDF: 29.4/27

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 149.446 $\pm$ 0.046 χ^2 /NDF: 405793.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 142.849 $\pm$ 0.043 χ^2 /NDF: 449701.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

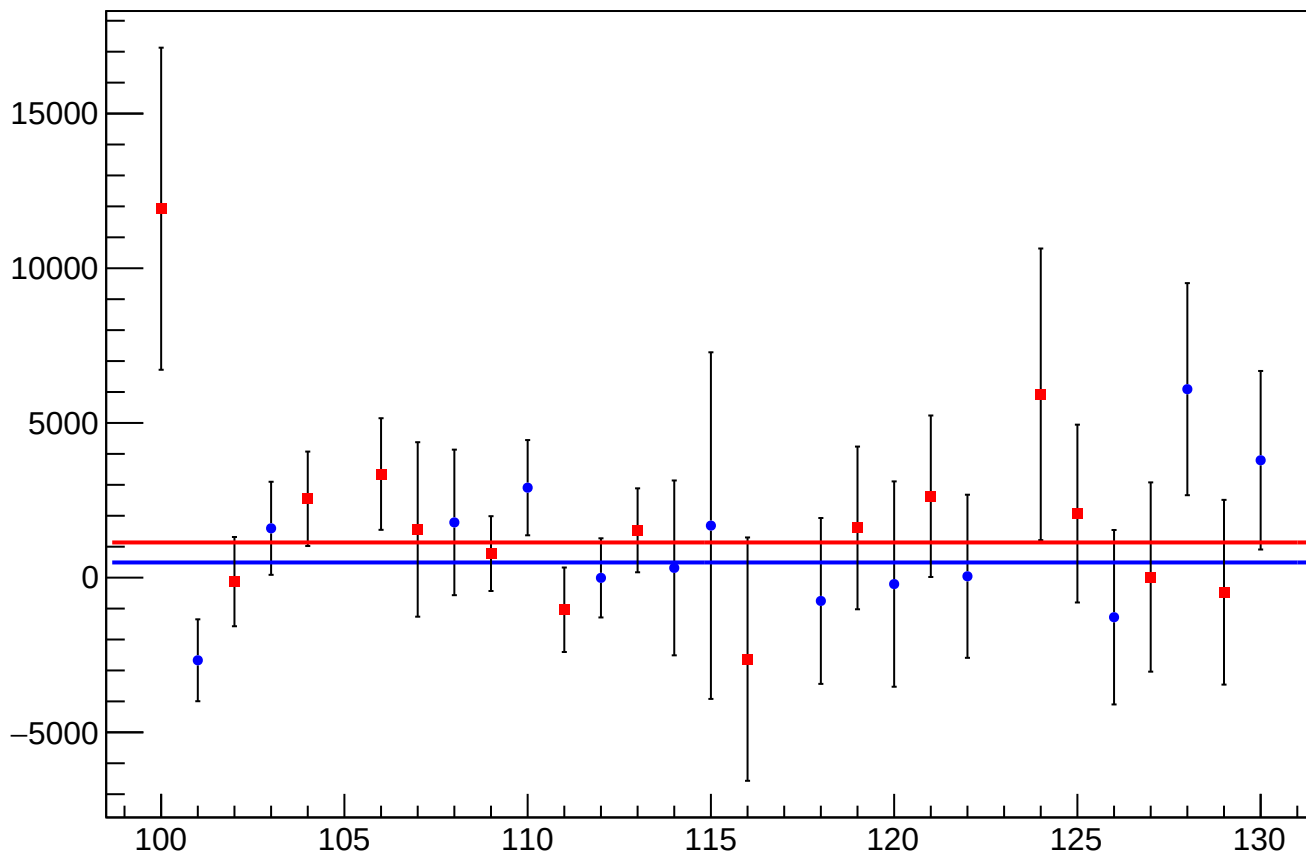
Right: 145.909 $\pm$ 0.031 χ^2 /NDF: 866489.5/27

In: 149.446 $\pm$ 0.046 χ^2 /NDF:405793.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 145.909 $\pm$ 0.031 χ^2 /NDF: 866489.5/27

asym_sam_48_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 490.416+/-569.027 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1137.209+/-507.363 χ^2/NDF : 13.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

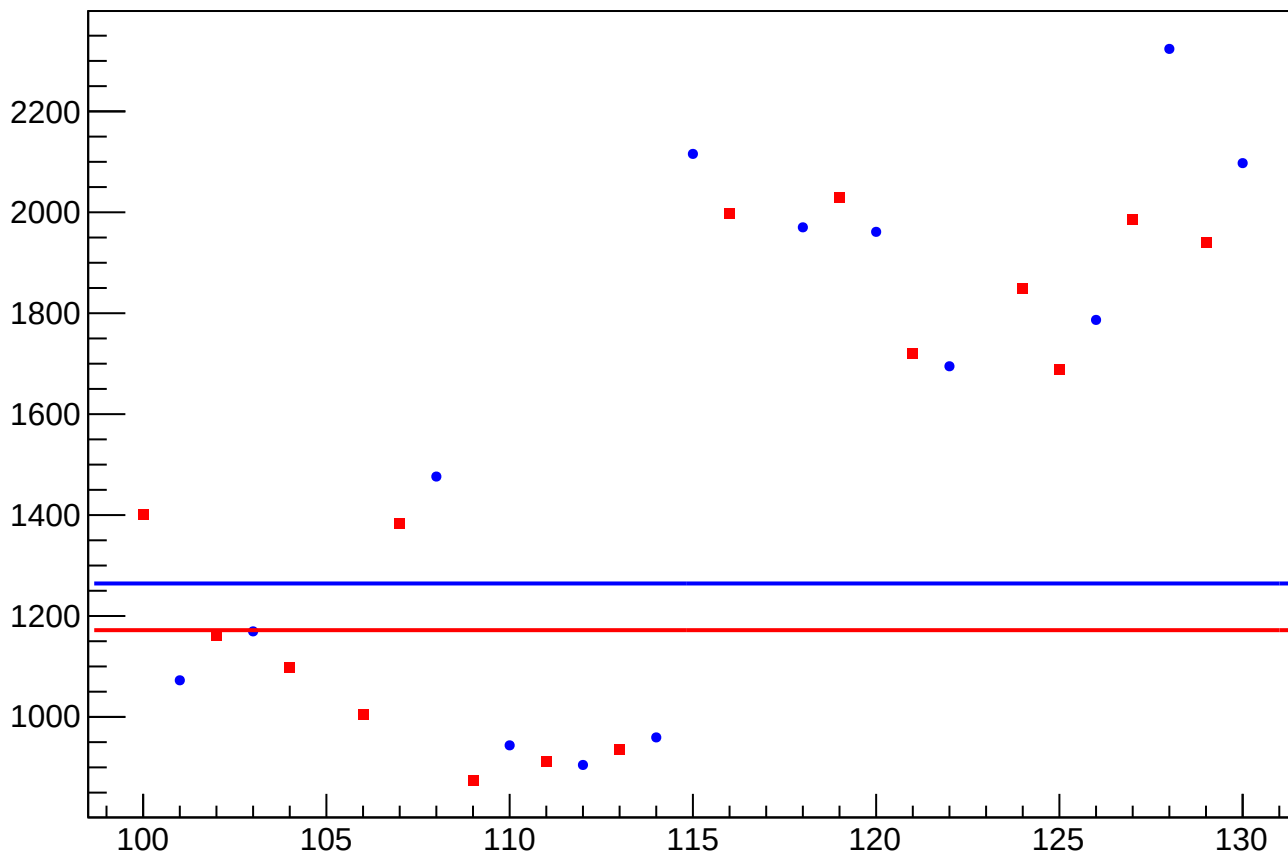
Right: 850.744+/-378.691 χ^2/NDF : 27.6/27

In: 490.416+/-569.027 χ^2/NDF :13.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 850.744+/-378.691 χ^2/NDF : 27.6/27

asym_sam_48_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1264.450+/-0.402 χ^2/NDF : 1087039.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1171.930+/-0.359 χ^2/NDF : 1060011.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

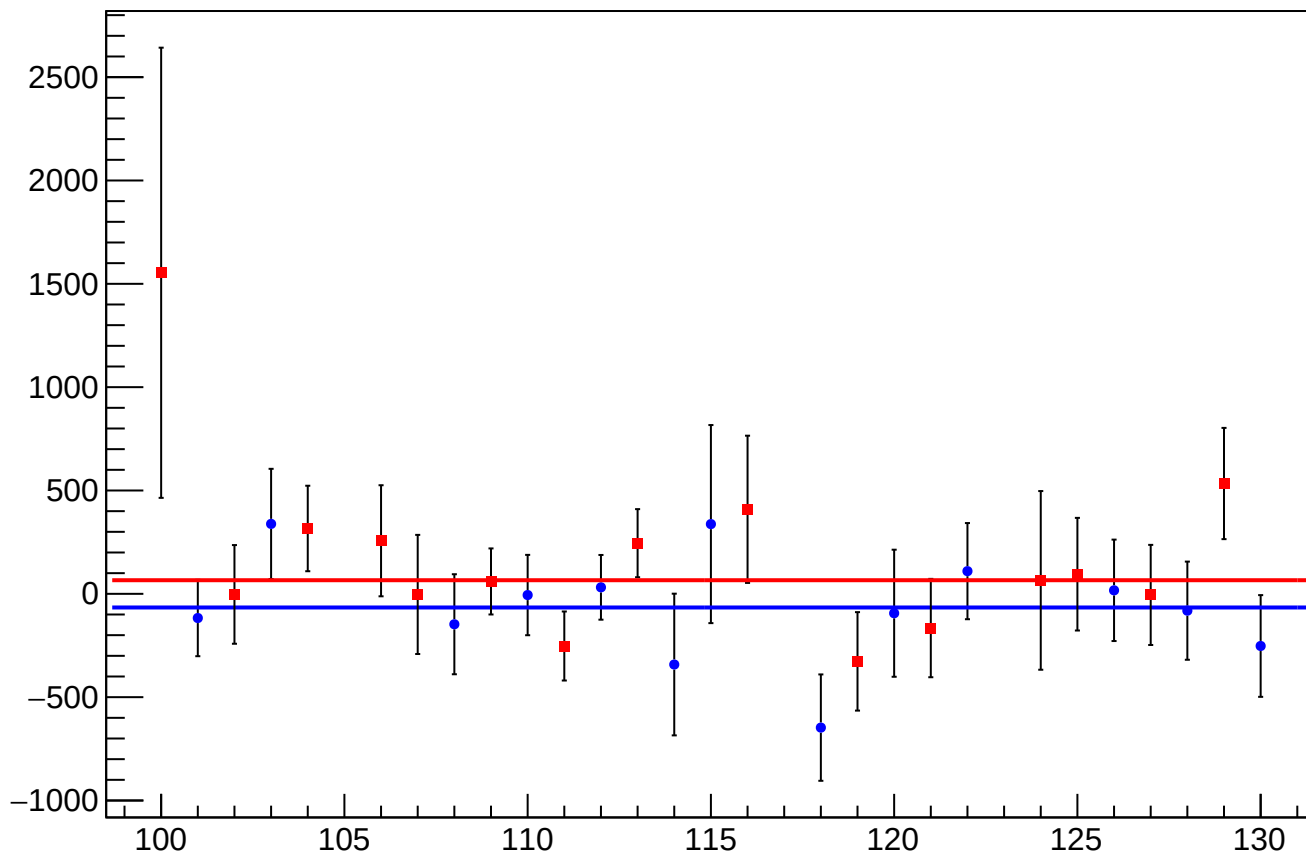
Right: 1212.907+/-0.268 χ^2/NDF : 2176506.0/27

In: 1264.450+/-0.402 χ^2/NDF : 1087039.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1212.907+/-0.268 χ^2/NDF : 2176506.0/27

eigen_dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -66.042 $\pm$ 65.154 χ^2 /NDF: 10.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 65.876 $\pm$ 60.598 χ^2 /NDF: 16.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

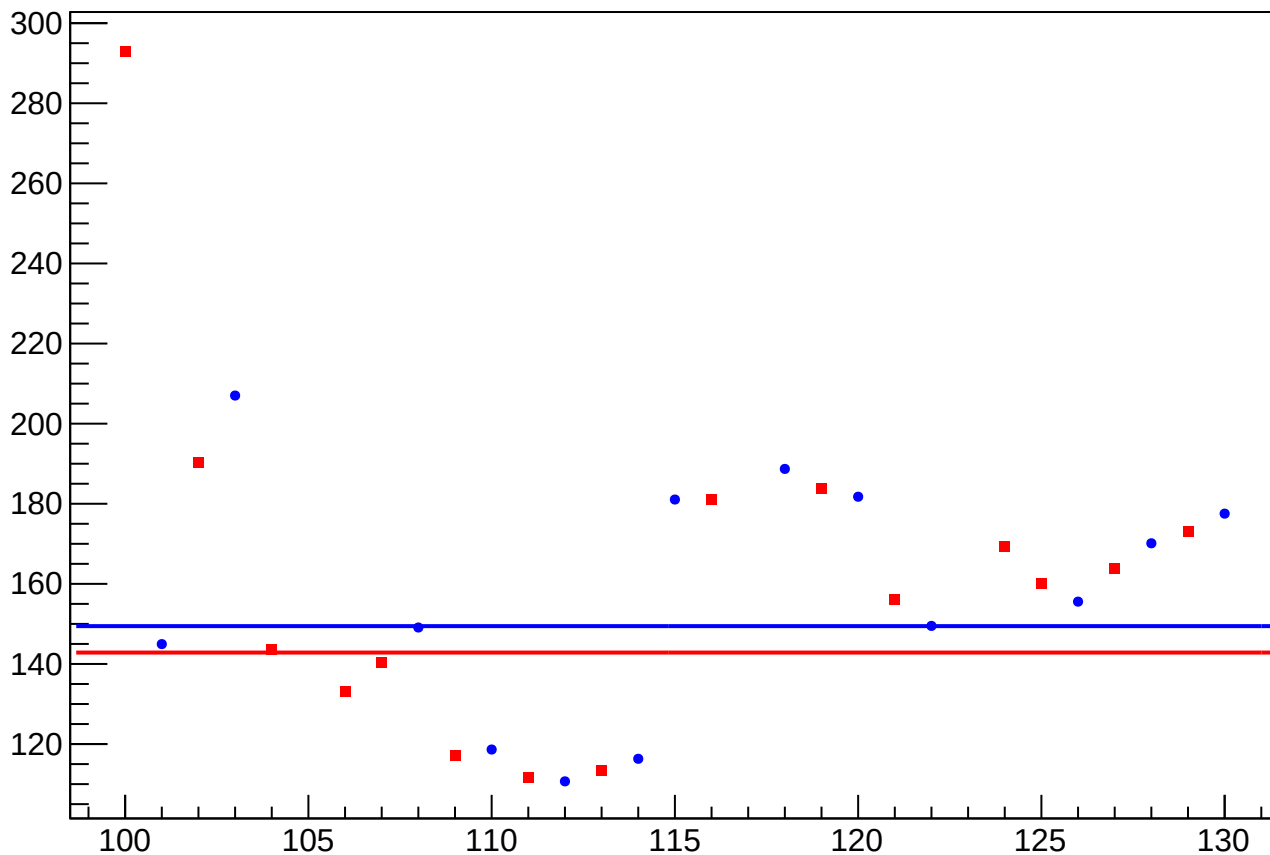
Right: 4.690 $\pm$ 44.372 χ^2 /NDF: 29.4/27

In: -66.042 $\pm$ 65.154 χ^2 /NDF:10.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4.690 $\pm$ 44.372 χ^2 /NDF: 29.4/27

eigen_dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 149.446+/-0.046 χ^2/NDF : 405796.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 142.849+/-0.043 χ^2/NDF : 449702.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

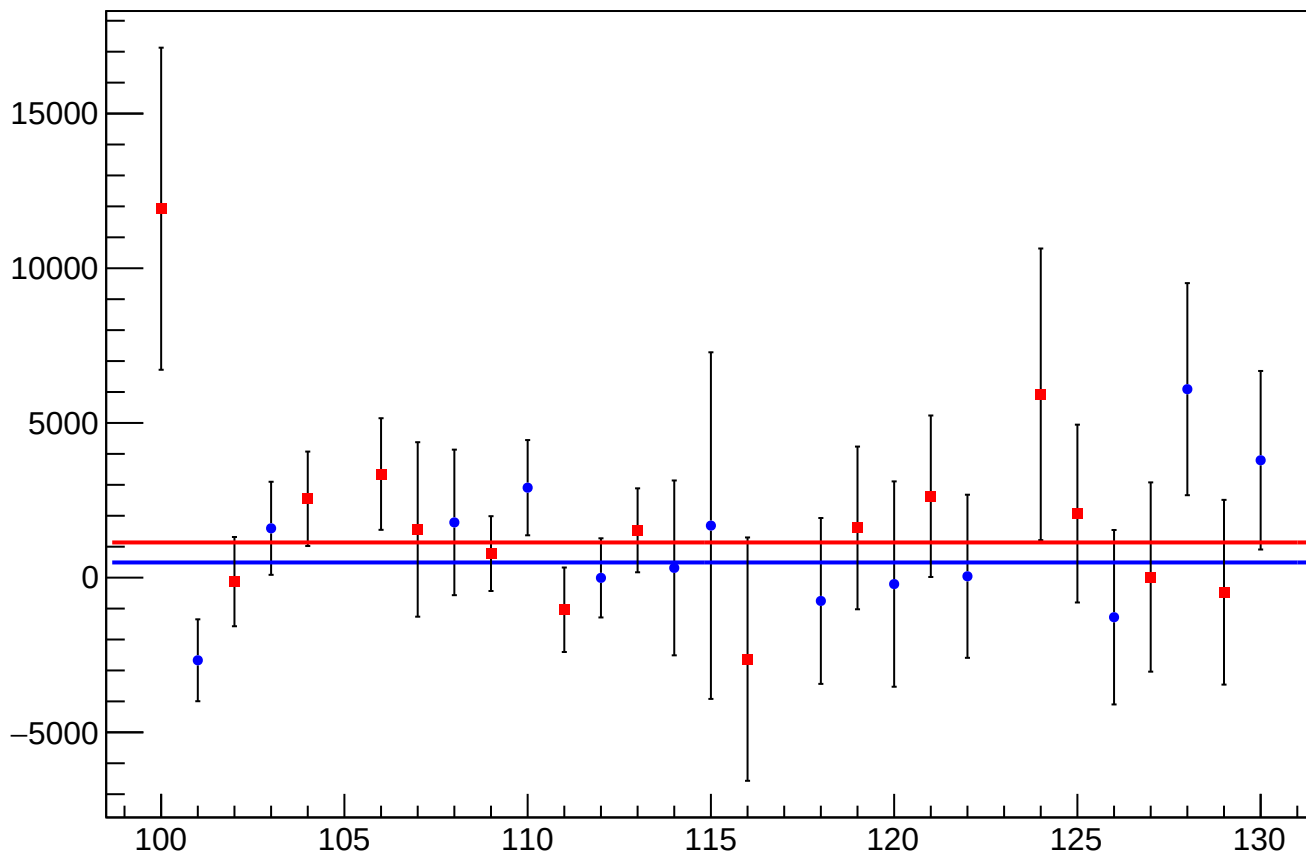
Right: 145.909+/-0.031 χ^2/NDF : 866493.9/27

In: 149.446+/-0.046 χ^2/NDF :405796.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 145.909+/-0.031 χ^2/NDF : 866493.9/27

asym_sam_48_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 490.415+/-569.026 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1137.208+/-507.363 χ^2/NDF : 13.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

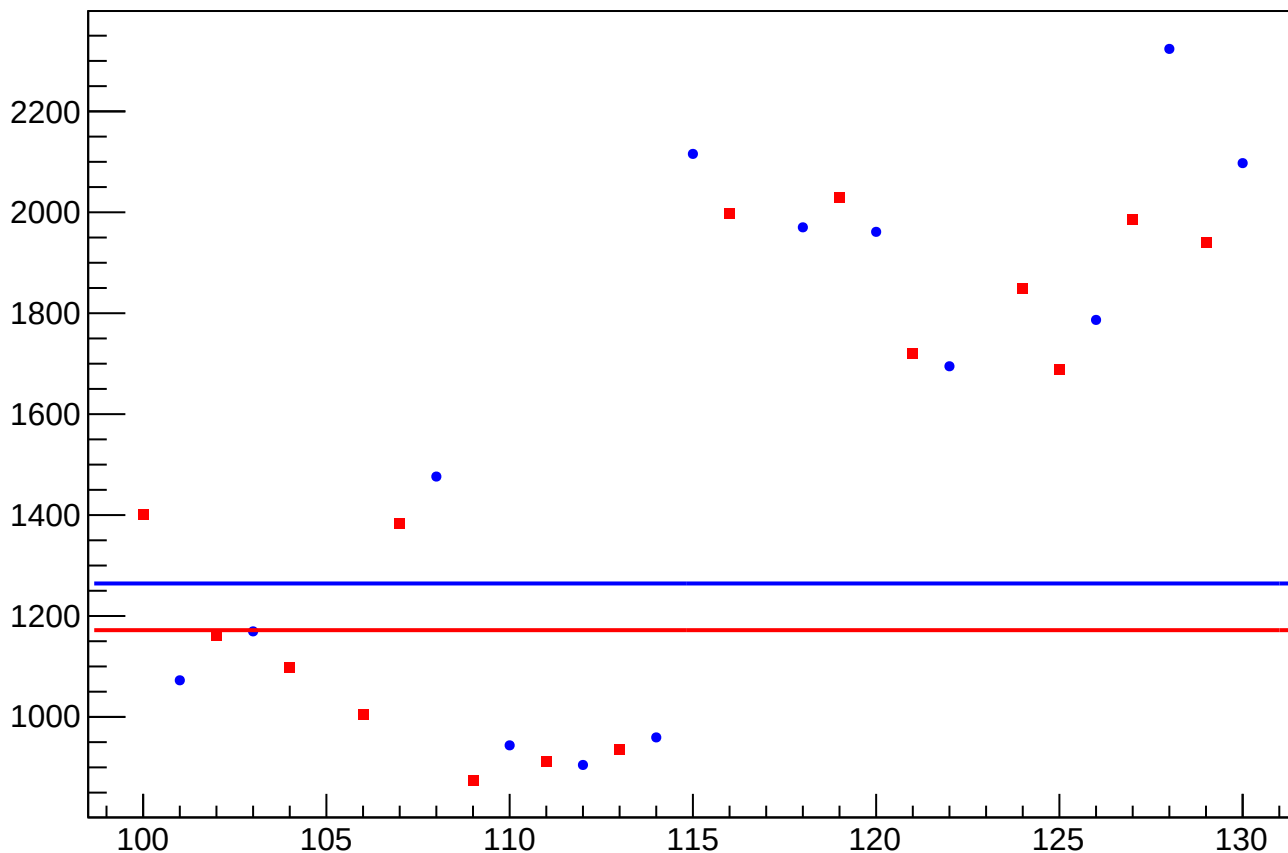
Right: 850.743+/-378.691 χ^2/NDF : 27.6/27

In: 490.415+/-569.026 χ^2/NDF :13.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 850.743+/-378.691 χ^2/NDF : 27.6/27

asym_sam_48_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1264.448+/-0.402 χ^2/NDF : 1087044.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1171.929+/-0.359 χ^2/NDF : 1060014.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

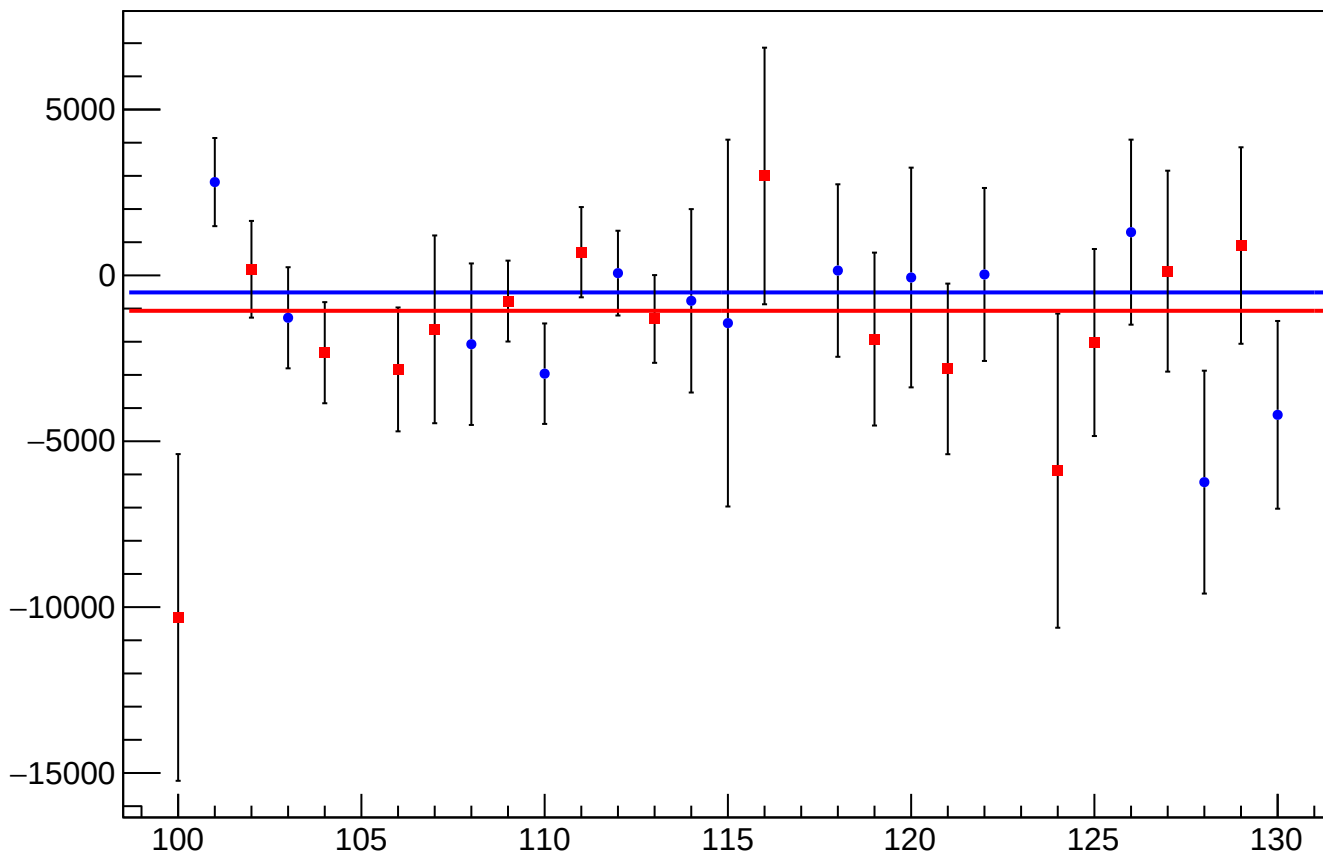
Right: 1212.906+/-0.268 χ^2/NDF : 2176513.7/27

In: 1264.448+/-0.402 χ^2/NDF : 1087044.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1212.906+/-0.268 χ^2/NDF : 2176513.7/27

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -513.296+/-567.423 χ^2/NDF : 14.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1067.492+/-506.535 χ^2/NDF : 11.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

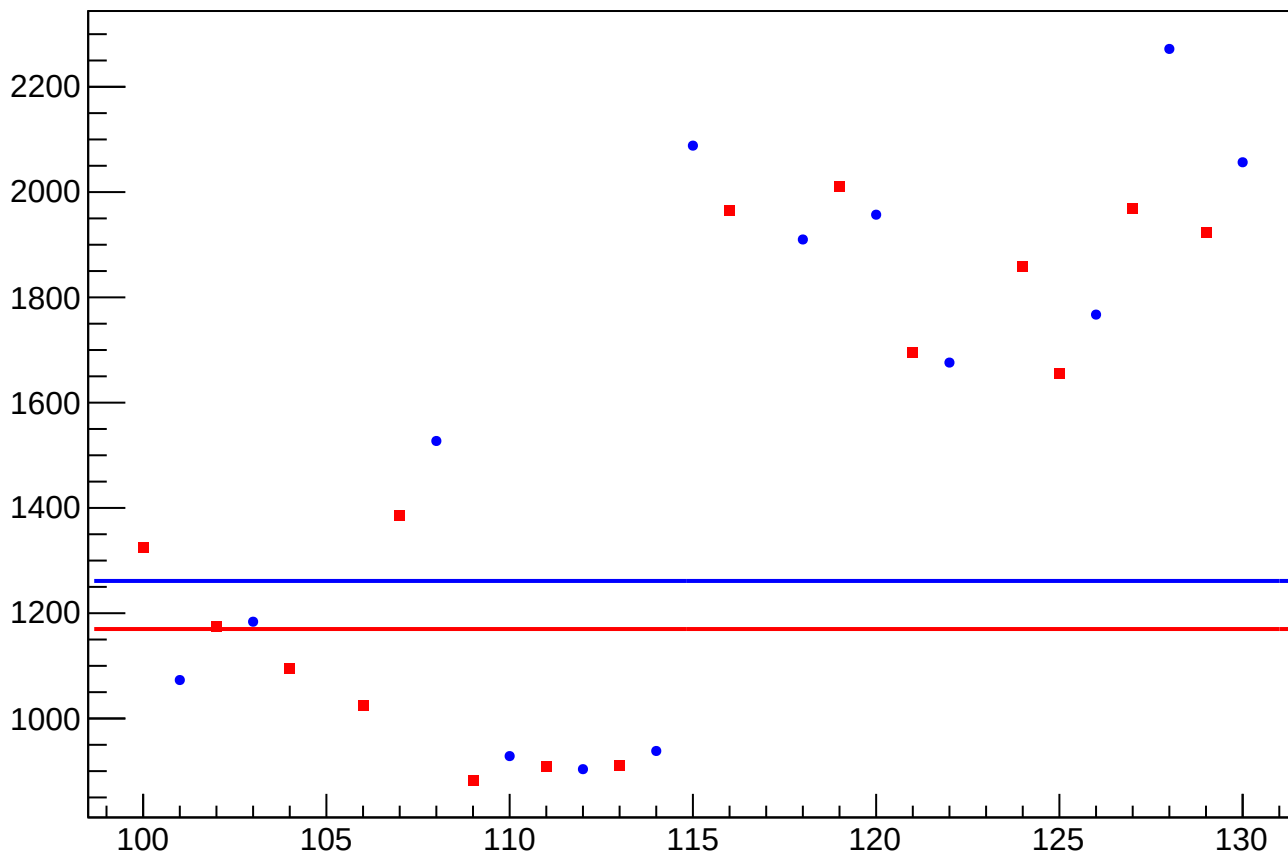
Right: -821.713+/-377.874 χ^2/NDF : 26.6/27

In: -513.296+/-567.423 χ^2/NDF : 14.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -821.713+/-377.874 χ^2/NDF : 26.6/27

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1261.289+/-0.401 χ^2/NDF : 1062631.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1169.951+/-0.358 χ^2/NDF : 1038203.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

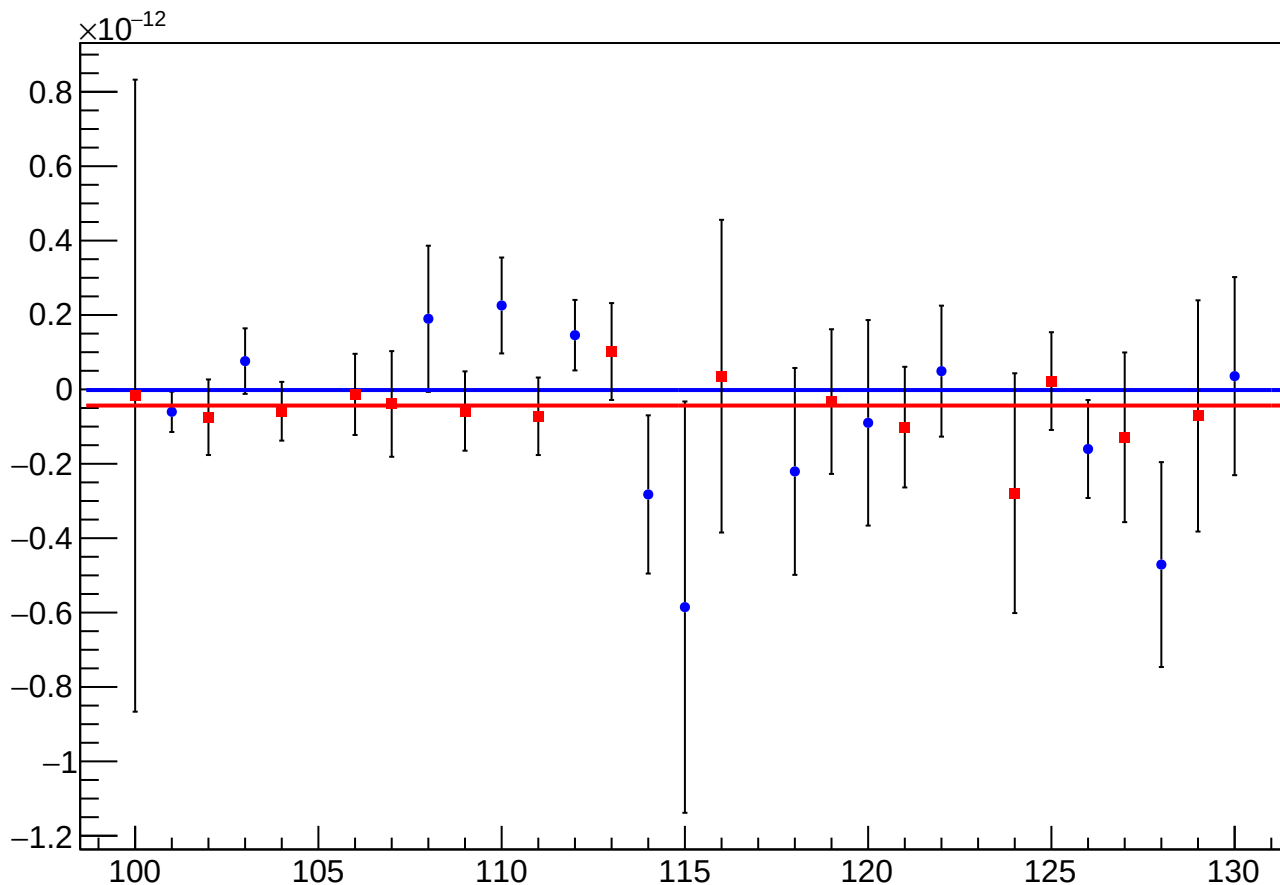
Right: 1210.458+/-0.267 χ^2/NDF : 2129675.2/27

In: 1261.289+/-0.401 χ^2/NDF : 1062631.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1210.458+/-0.267 χ^2/NDF : 2129675.2/27

asym_sam_48_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 16.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

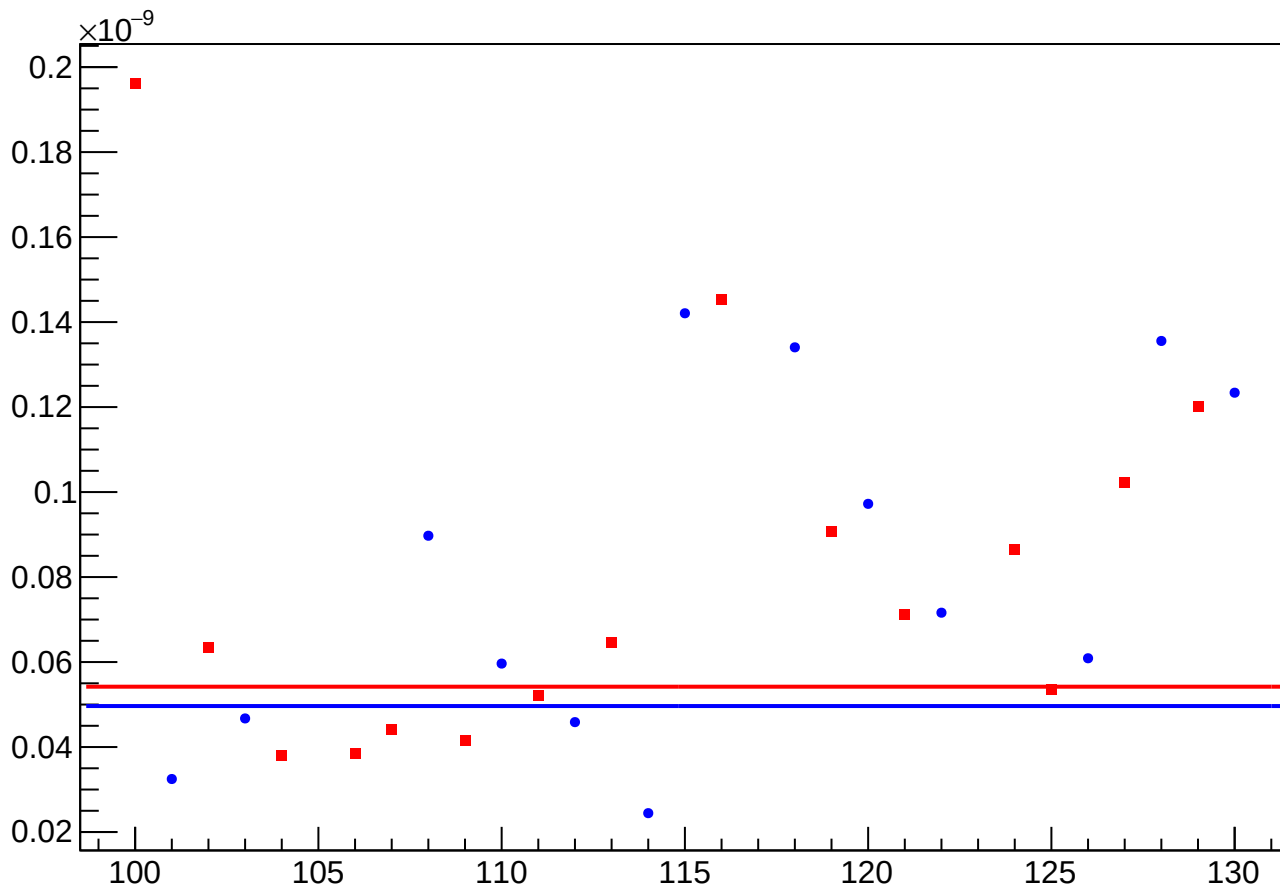
Right: -0.000+/-0.000 χ^2/NDF : 19.8/27

In: -0.000+/-0.000 χ^2/NDF : 16.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.8/27

asym_sam_48_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1022103.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 634768.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

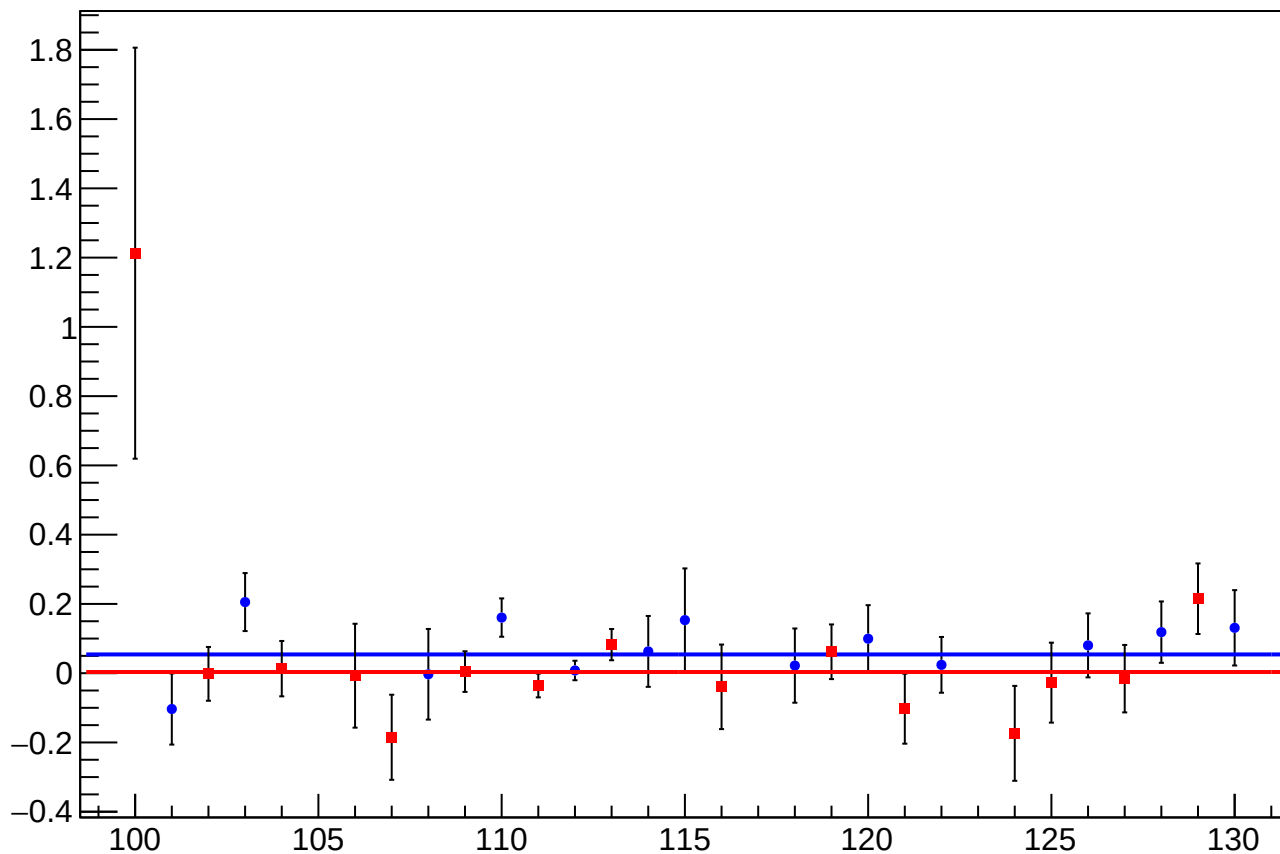
Right: 0.000+/-0.000 χ^2/NDF : 1673796.8/27

In: 0.000+/-0.000 χ^2/NDF : 1022103.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1673796.8/27

asym_sam_48_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.054+/-0.019 χ^2/NDF : 14.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.019 χ^2/NDF : 18.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

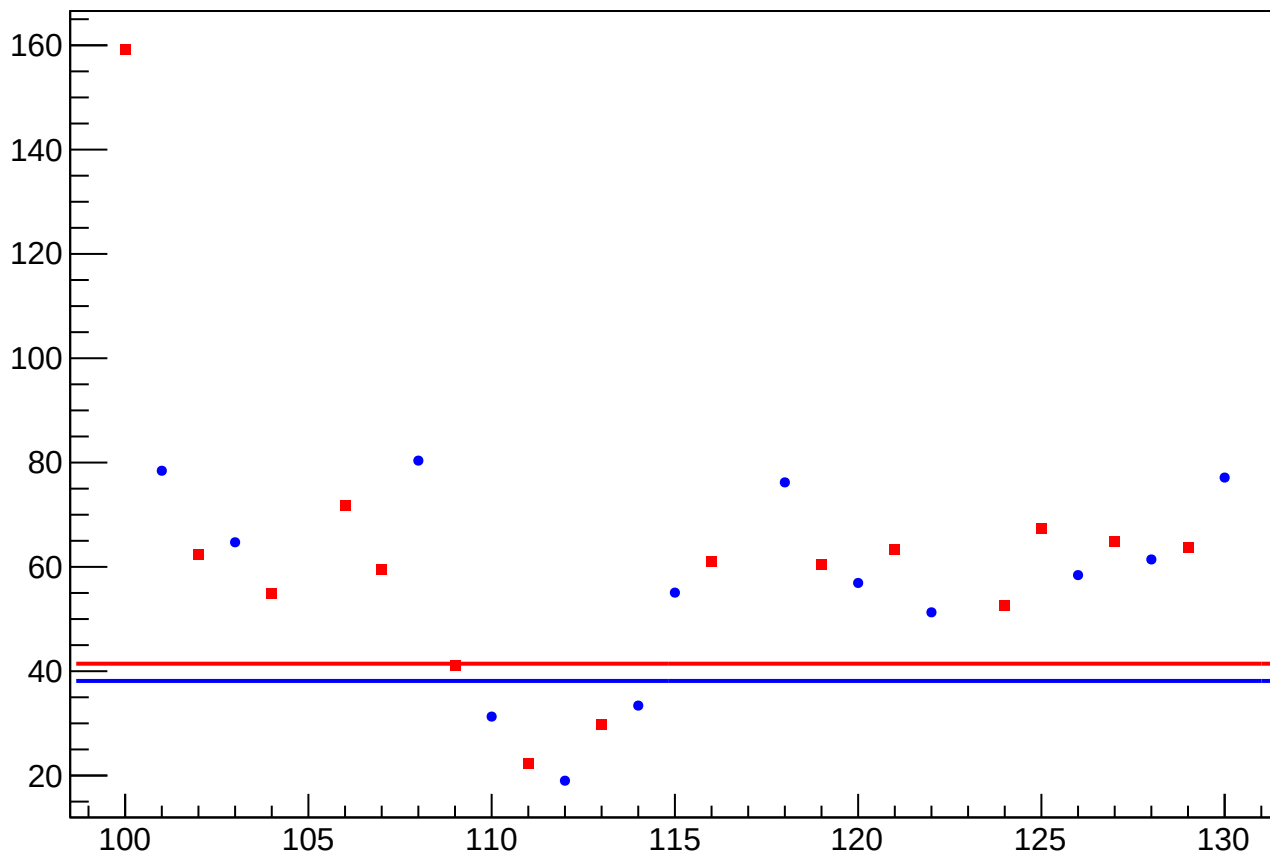
Right: 0.029+/-0.014 χ^2/NDF : 36.5/27

In: 0.054+/-0.019 χ^2/NDF : 14.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.014 χ^2/NDF : 36.5/27

asym_sam_48_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.135+/-0.014 χ^2/NDF : 2573349.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.439+/-0.014 χ^2/NDF : 1751465.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

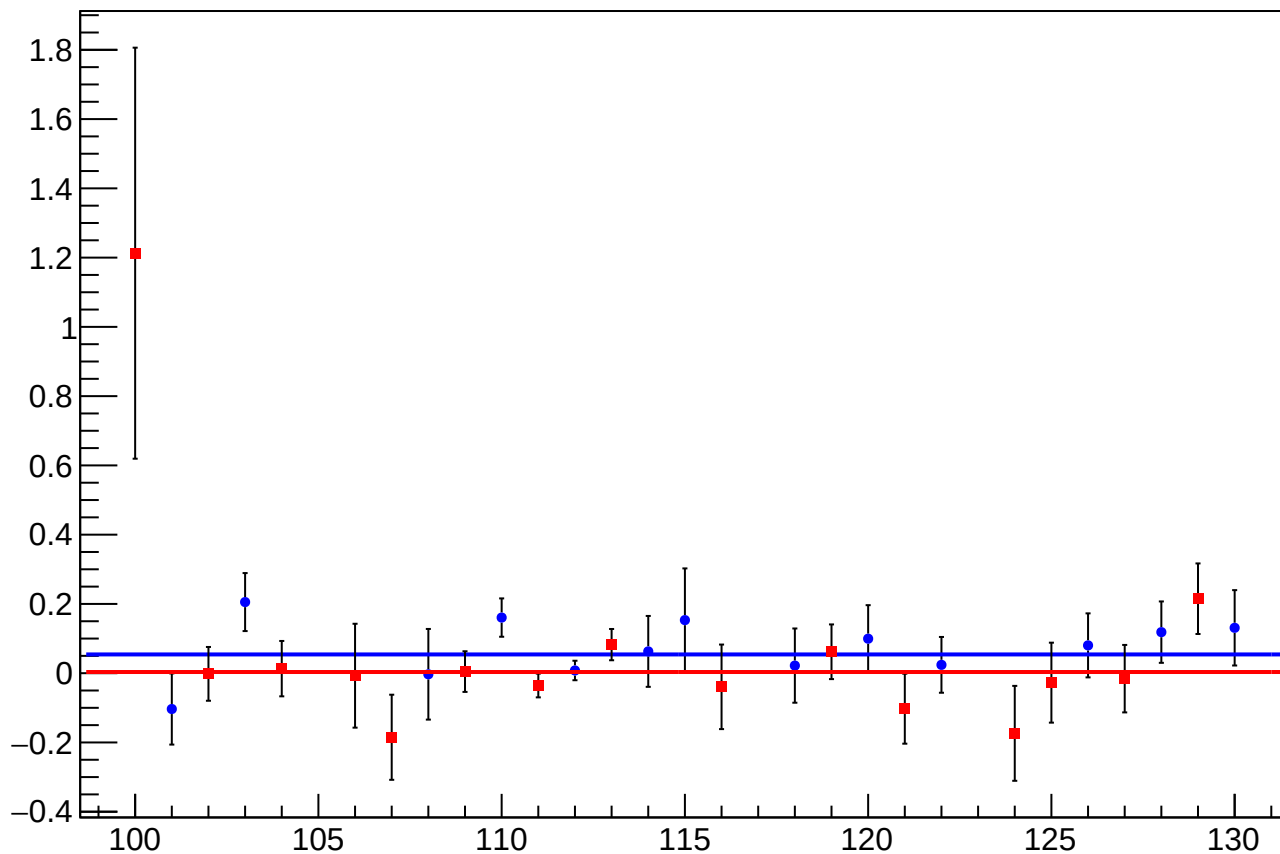
Right: 39.793+/-0.010 χ^2/NDF : 4354418.4/27

In: 38.135+/-0.014 χ^2/NDF : 2573349.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.793+/-0.010 χ^2/NDF : 4354418.4/27

asym_sam_48_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.054+/-0.019 χ^2/NDF : 14.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.019 χ^2/NDF : 18.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

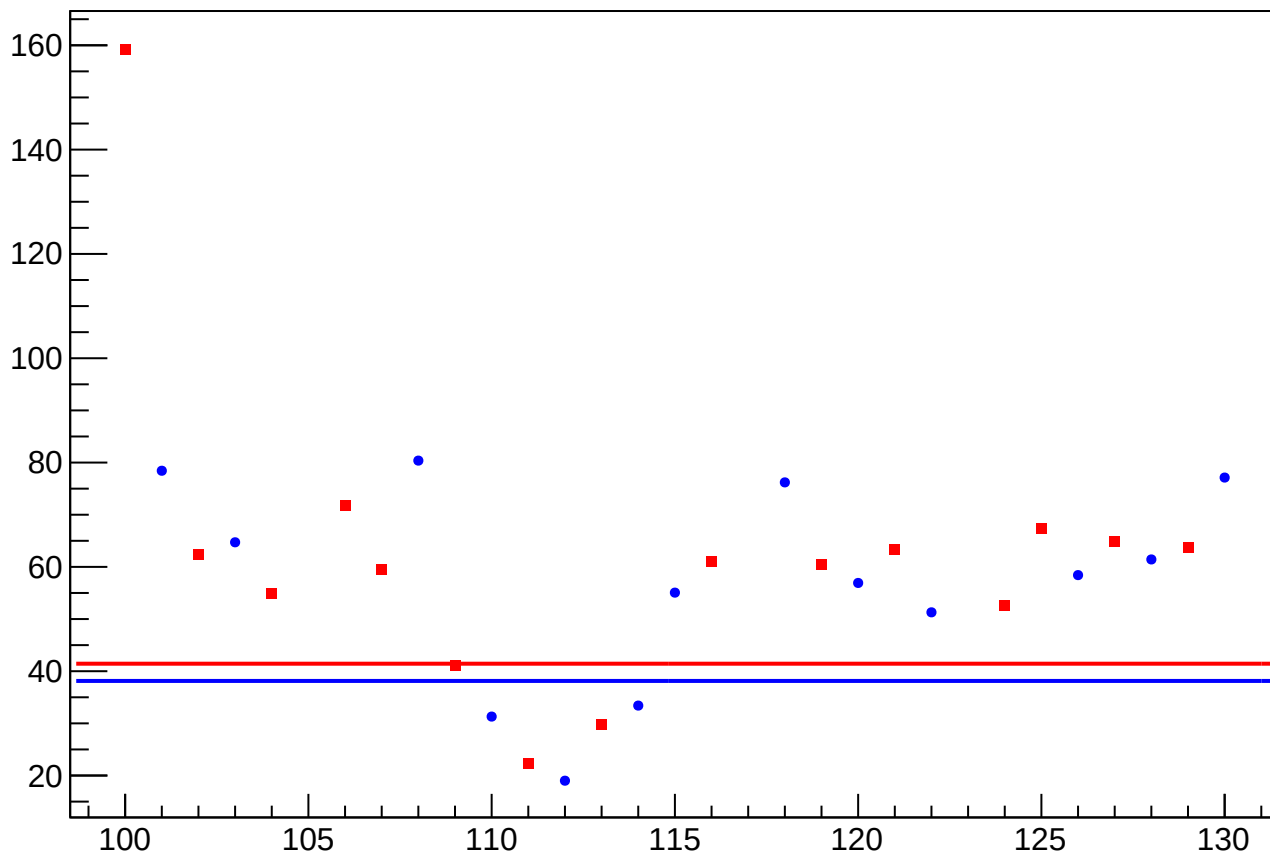
Right: 0.029+/-0.014 χ^2/NDF : 36.5/27

In: 0.054+/-0.019 χ^2/NDF : 14.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.014 χ^2/NDF : 36.5/27

asym_sam_48_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.135+/-0.014 χ^2/NDF : 2573349.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.439+/-0.014 χ^2/NDF : 1751465.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

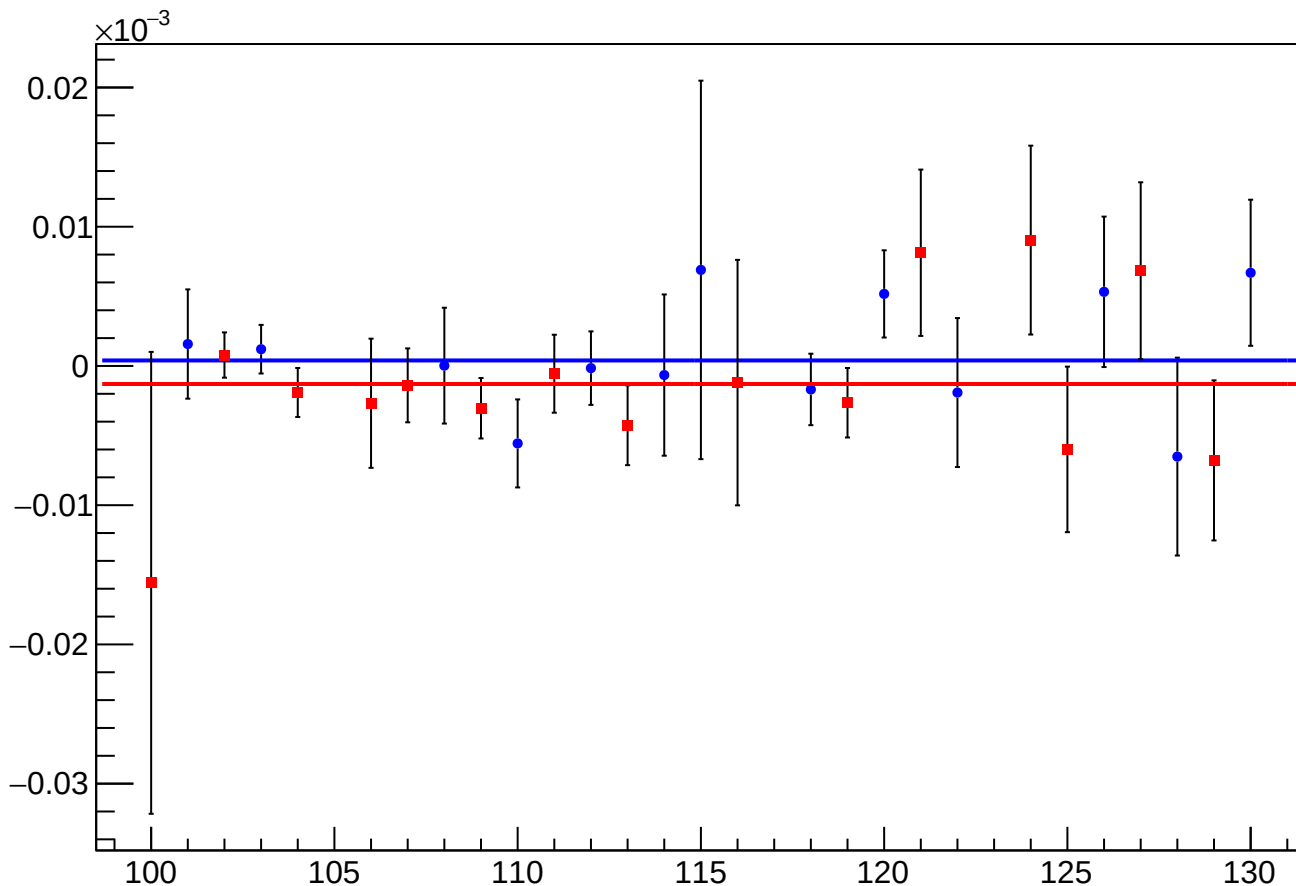
Right: 39.793+/-0.010 χ^2/NDF : 4354418.4/27

In: 38.135+/-0.014 χ^2/NDF : 2573349.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.793+/-0.010 χ^2/NDF : 4354418.4/27

asym_sam_48_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

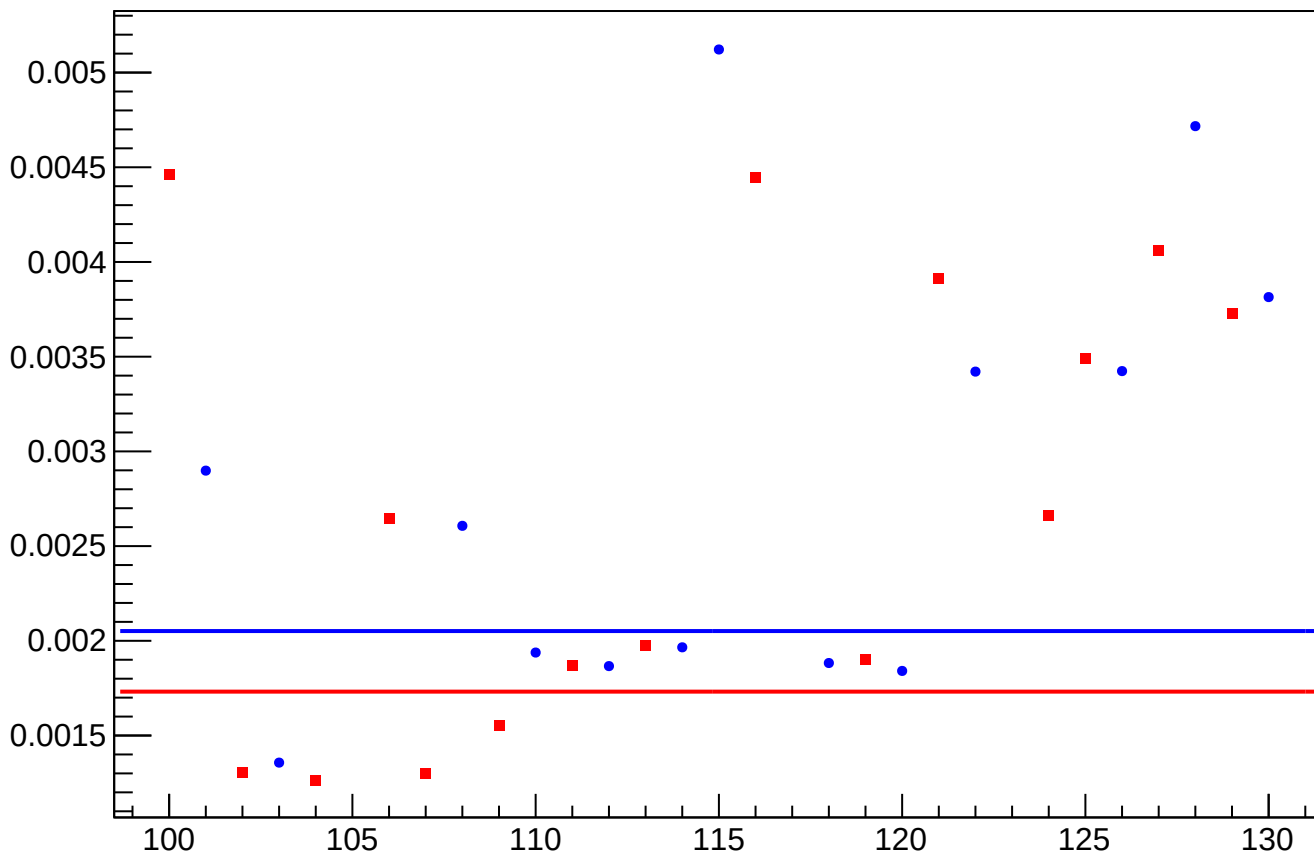
Right: -0.000+/-0.000 χ^2/NDF : 25.1/27

In: 0.000+/-0.000 χ^2/NDF : 10.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.1/27

asym_sam_48_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1345454.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1685527.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

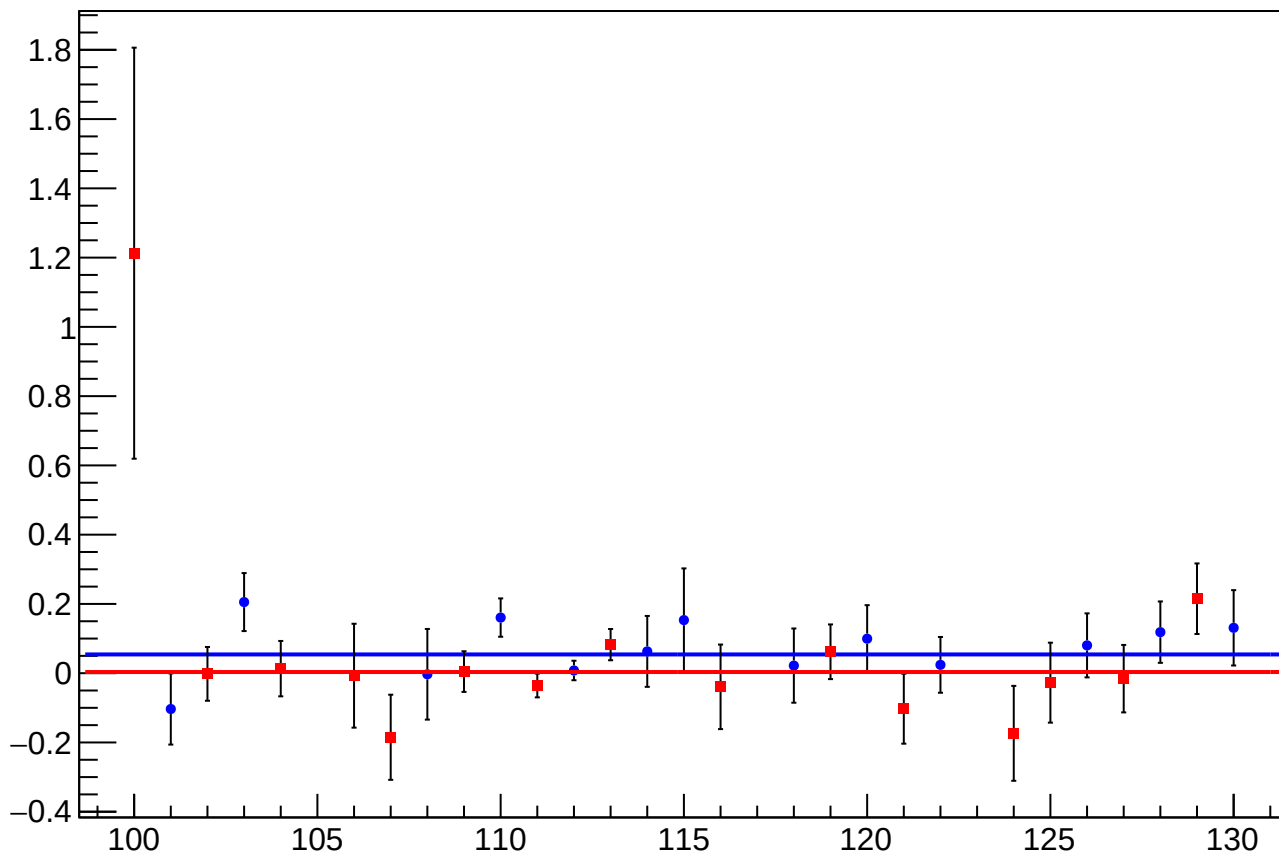
Right: 0.002+/-0.000 χ^2/NDF : 3166988.4/27

In: 0.002+/-0.000 χ^2/NDF :1345454.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3166988.4/27

asym_sam_48_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.054+/-0.019 χ^2/NDF : 14.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.019 χ^2/NDF : 18.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

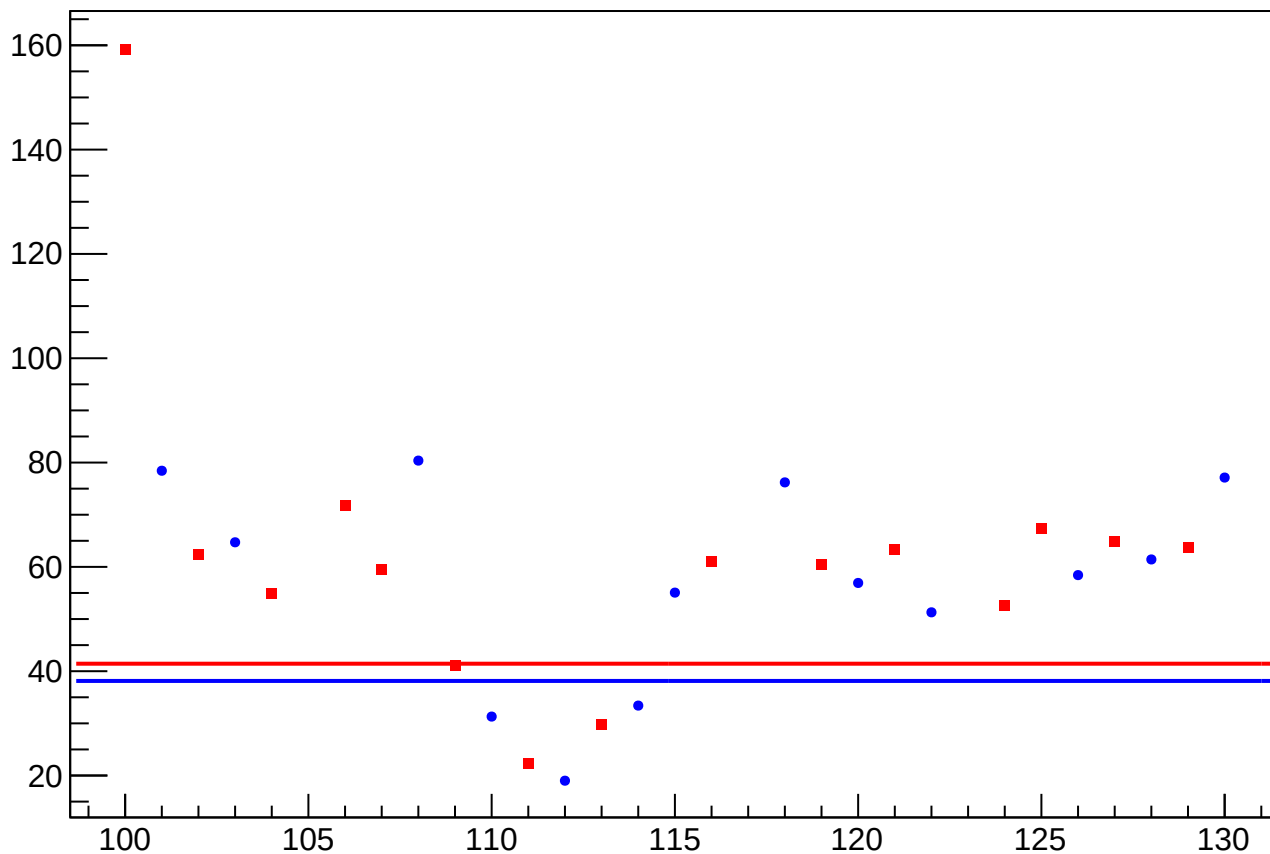
Right: 0.029+/-0.014 χ^2/NDF : 36.5/27

In: 0.054+/-0.019 χ^2/NDF : 14.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.014 χ^2/NDF : 36.5/27

asym_sam_48_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.134+/-0.014 χ^2/NDF : 2573482.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.438+/-0.014 χ^2/NDF : 1751588.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

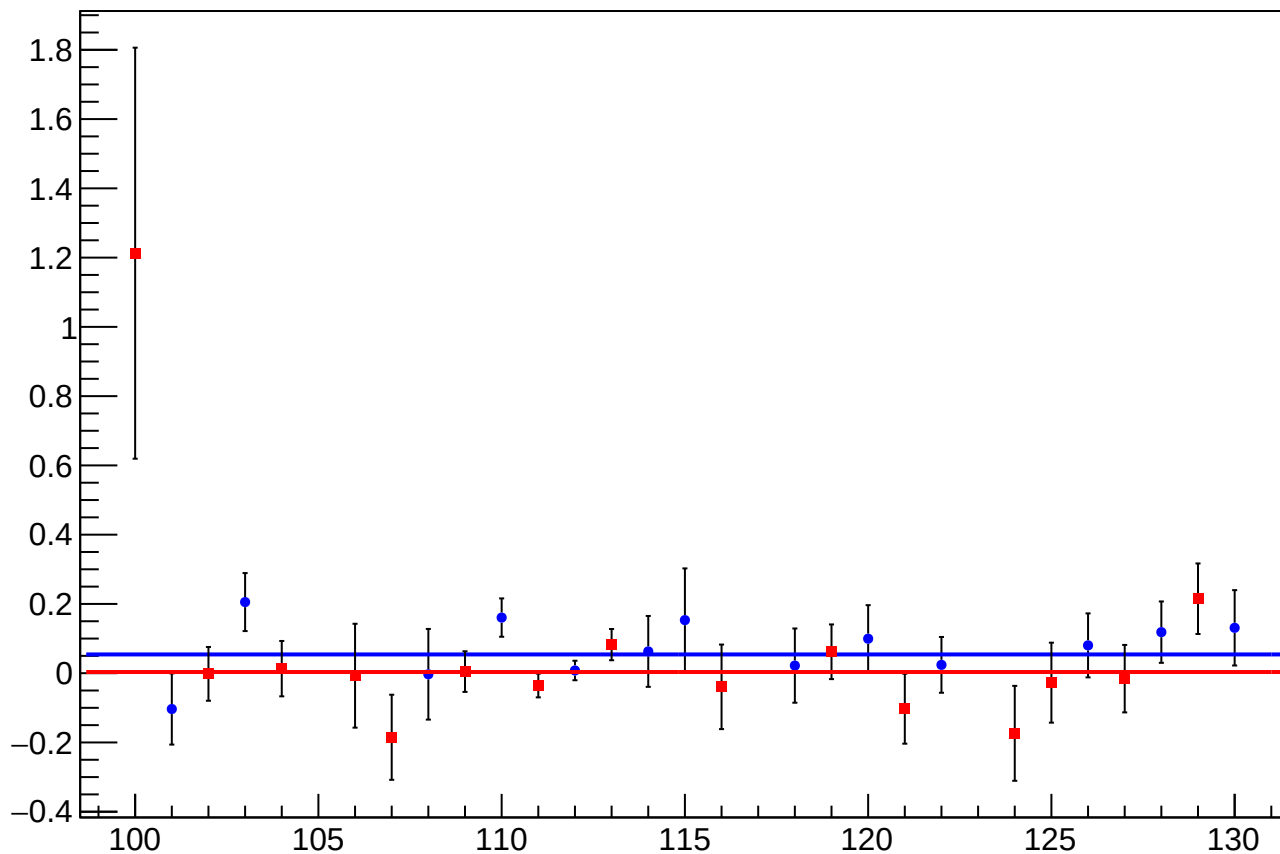
Right: 39.792+/-0.010 χ^2/NDF : 4354674.6/27

In: 38.134+/-0.014 χ^2/NDF : 2573482.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.792+/-0.010 χ^2/NDF : 4354674.6/27

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.054+/-0.019 χ^2/NDF : 14.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.019 χ^2/NDF : 18.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

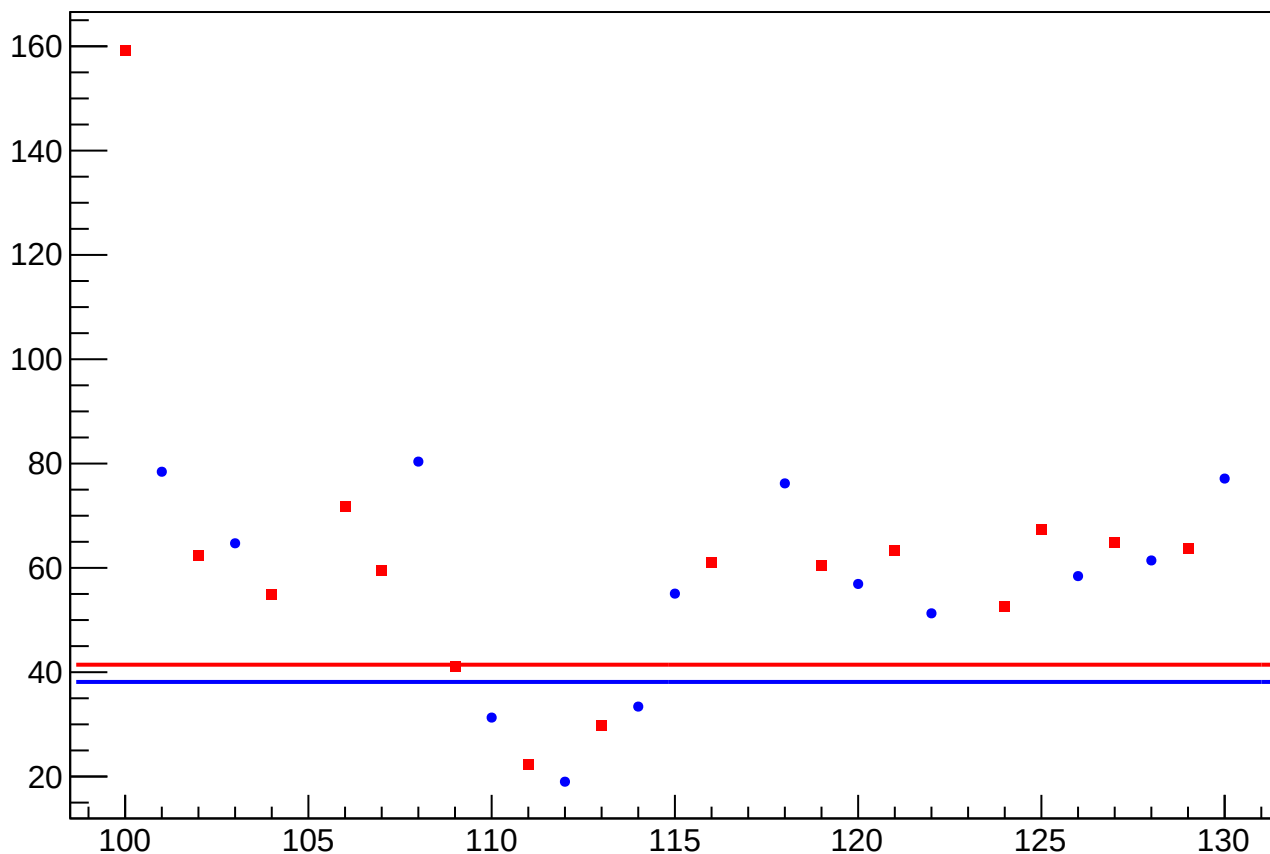
Right: 0.029+/-0.014 χ^2/NDF : 36.5/27

In: 0.054+/-0.019 χ^2/NDF : 14.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.014 χ^2/NDF : 36.5/27

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.134+/-0.014 χ^2/NDF : 2573482.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.438+/-0.014 χ^2/NDF : 1751588.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

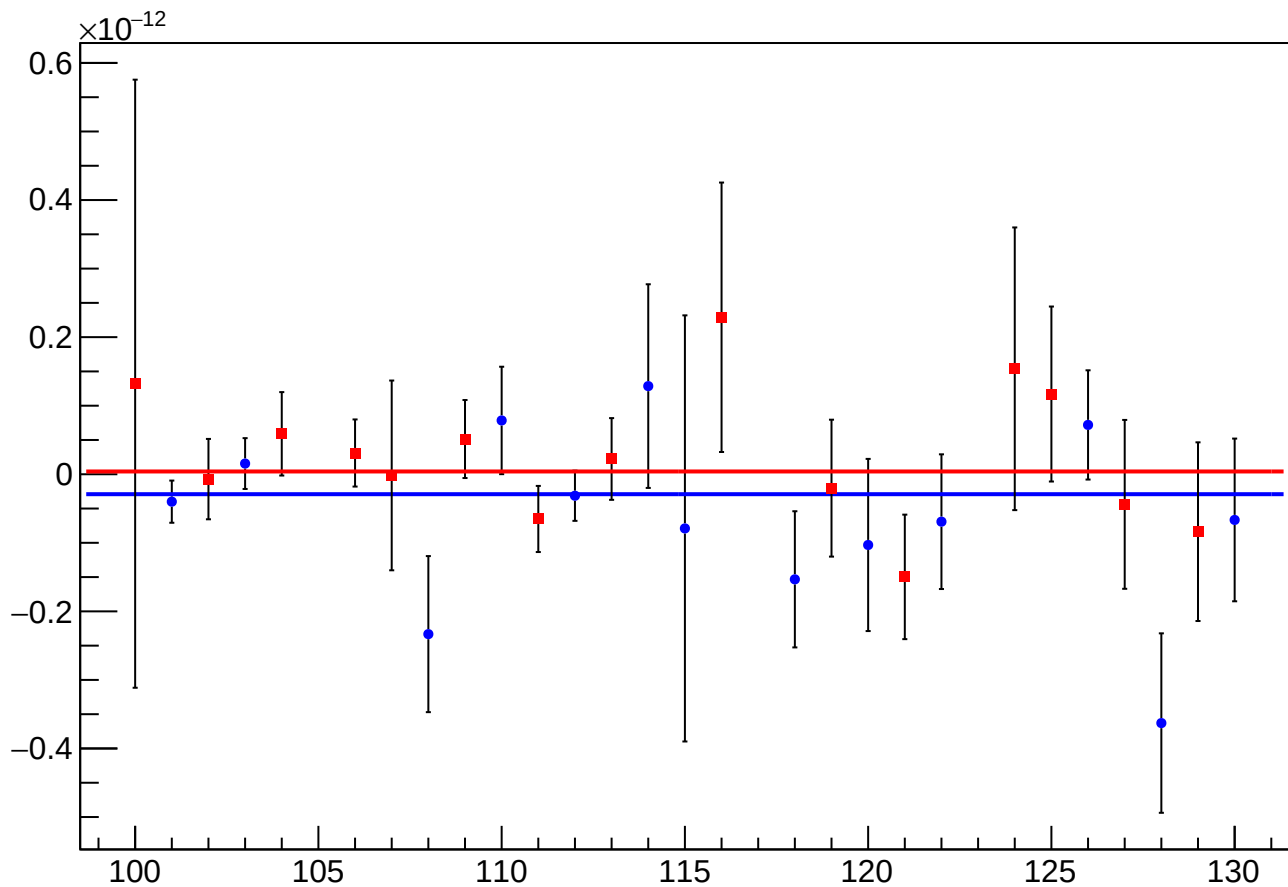
Right: 39.792+/-0.010 χ^2/NDF : 4354674.6/27

In: 38.134+/-0.014 χ^2/NDF : 2573482.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.792+/-0.010 χ^2/NDF : 4354674.6/27

asym_sam_48_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 18.1/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 10.2/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

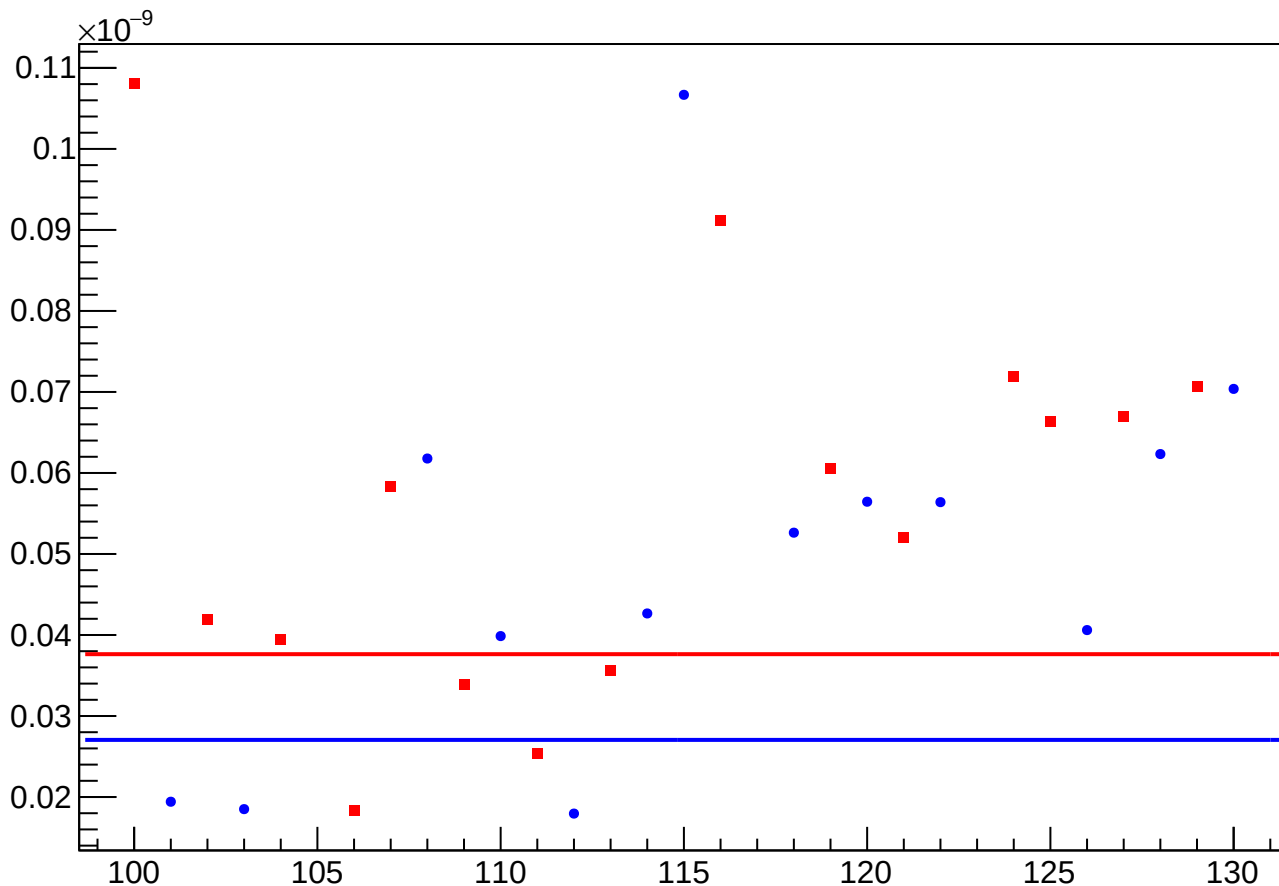
Right: -0.000+/-0.000 χ^2 /NDF: 30.0/27

In: -0.000+/-0.000 χ^2 /NDF:18.1/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 30.0/27

asym_sam_48_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1636483.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1262293.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

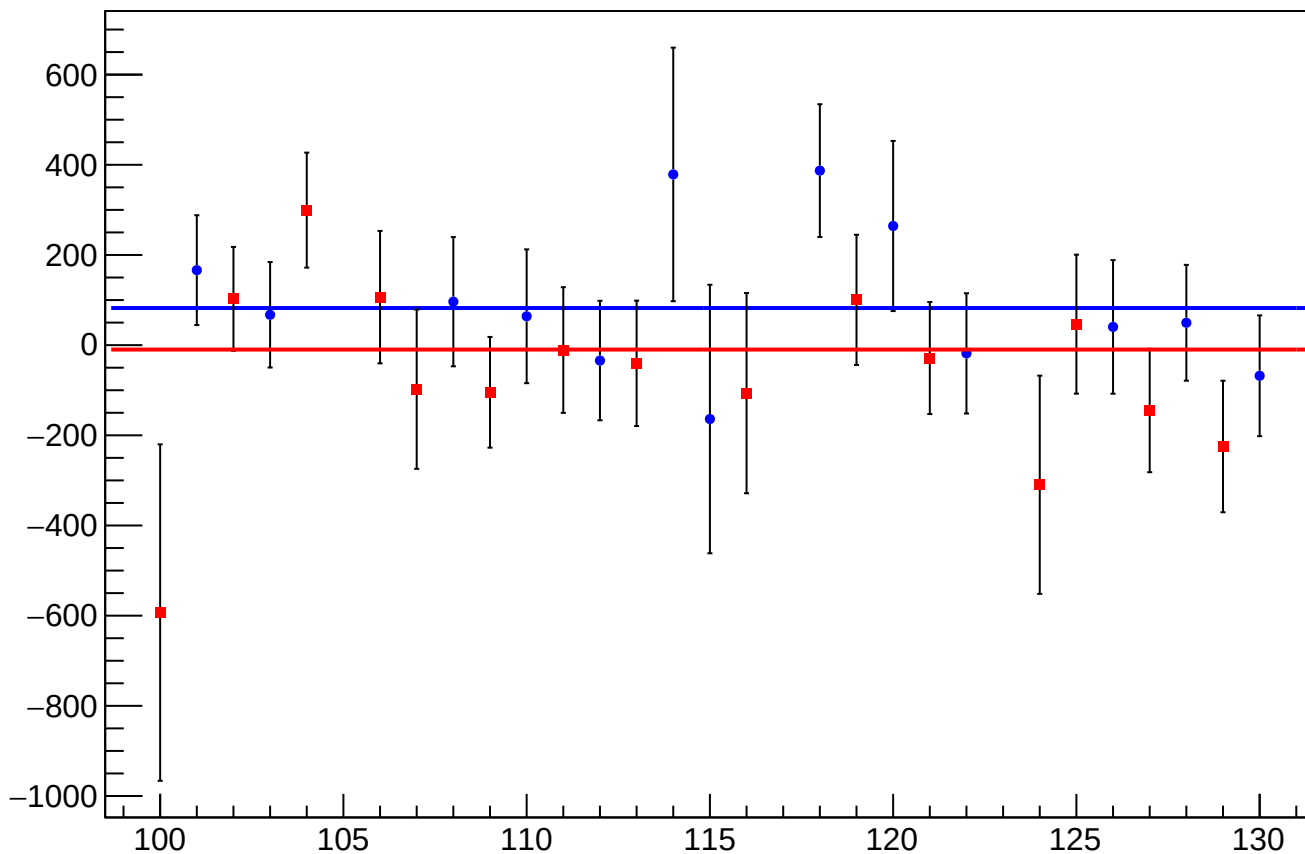
Right: 0.000+/-0.000 χ^2/NDF : 3221603.8/27

In: 0.000+/-0.000 χ^2/NDF : 1636483.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3221603.8/27

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 82.318 $\pm$ 40.561 χ^2 /NDF: 10.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -9.803 $\pm$ 38.220 χ^2 /NDF: 16.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

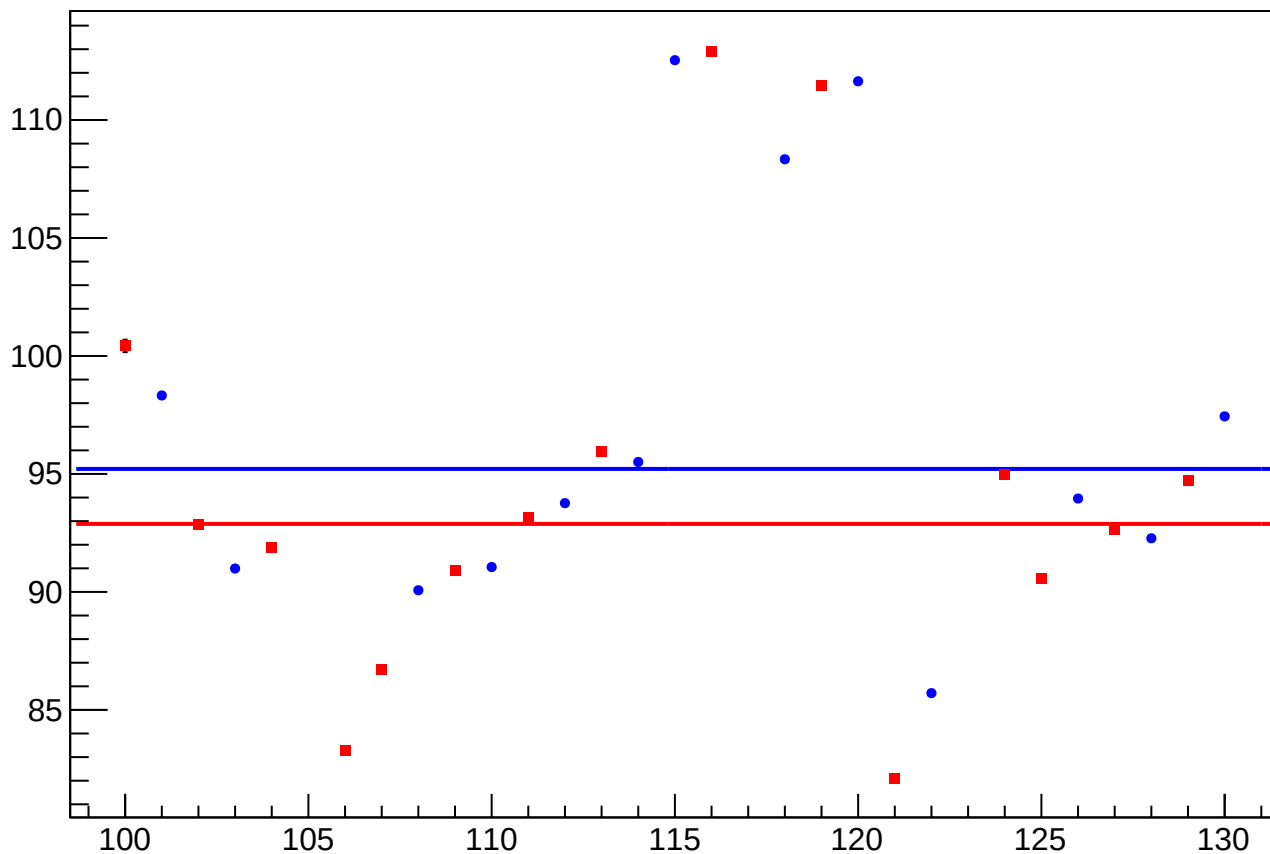
Right: 33.522 $\pm$ 27.816 χ^2 /NDF: 29.4/27

In: 82.318 $\pm$ 40.561 χ^2 /NDF:10.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 33.522 $\pm$ 27.816 χ^2 /NDF: 29.4/27

reg_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 95.213+/-0.029 χ^2/NDF : 58002.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.883+/-0.027 χ^2/NDF : 78864.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

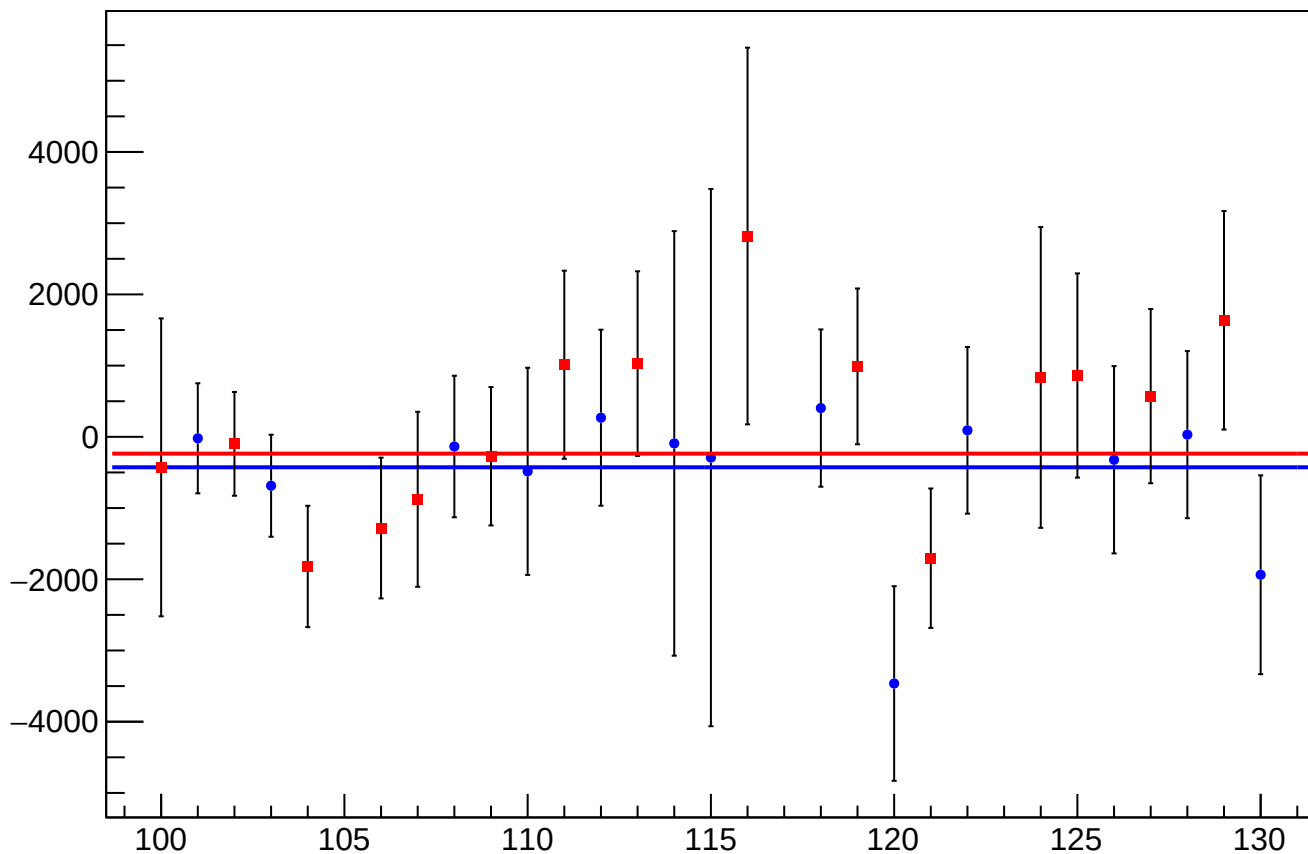
Right: 93.979+/-0.020 χ^2/NDF : 140362.3/27

In: 95.213+/-0.029 χ^2/NDF : 58002.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.979+/-0.020 χ^2/NDF : 140362.3/27

asym_sam_15_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -427.400+/-318.615 χ^2/NDF : 7.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -235.525+/-298.413 χ^2/NDF : 14.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

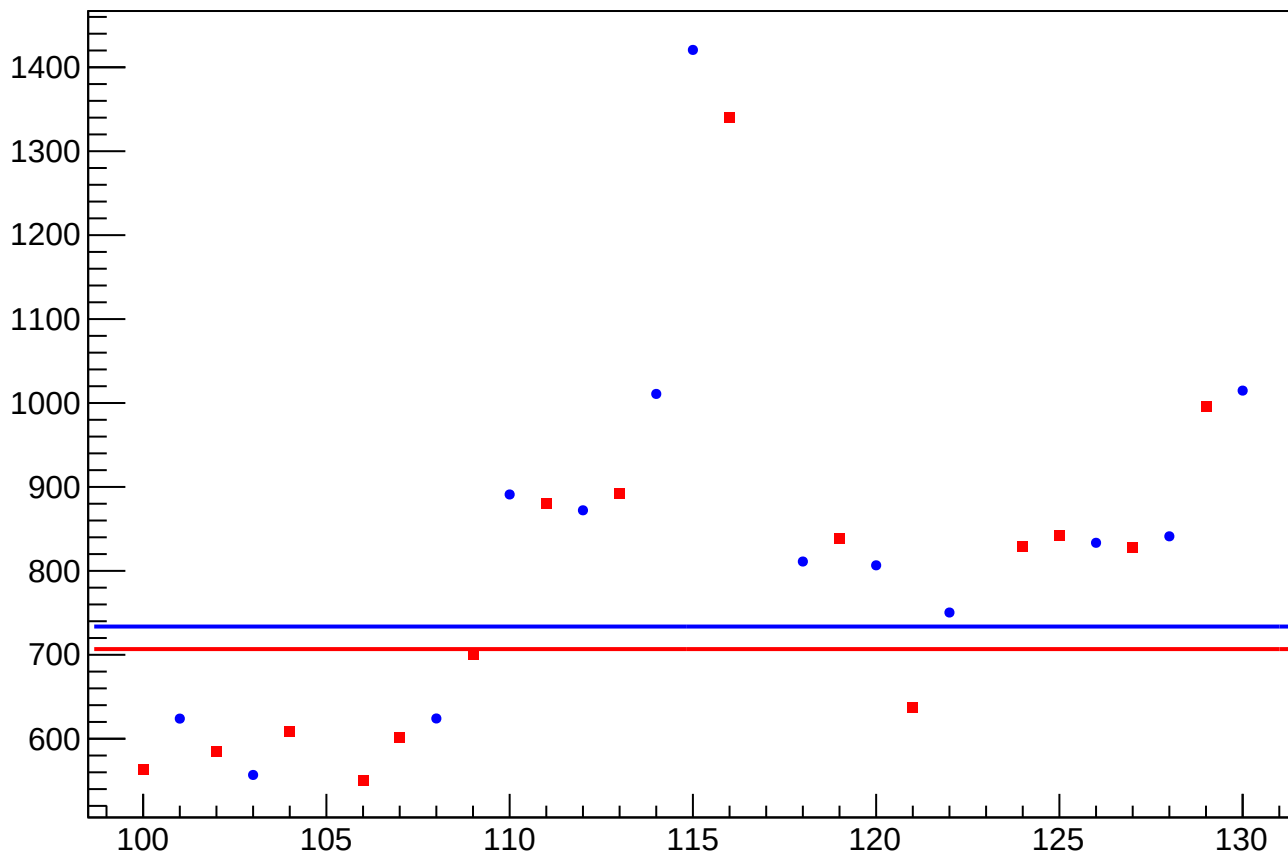
Right: -325.187+/-217.802 χ^2/NDF : 22.4/27

In: -427.400+/-318.615 χ^2/NDF : 7.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -325.187+/-217.802 χ^2/NDF : 22.4/27

asym_sam_15_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 733.675+/-0.225 χ^2/NDF : 444016.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 706.808+/-0.211 χ^2/NDF : 500133.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

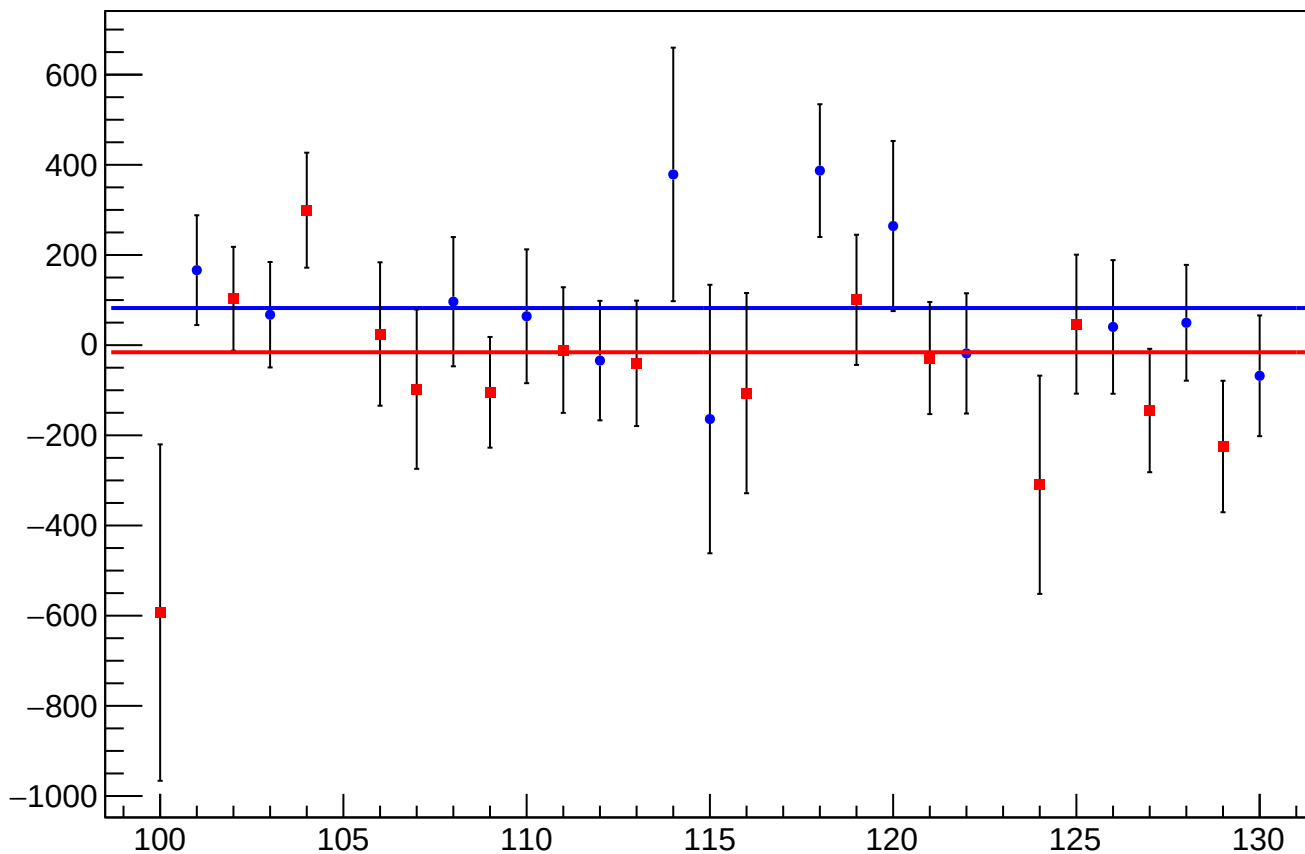
Right: 719.363+/-0.154 χ^2/NDF : 951725.2/27

In: 733.675+/-0.225 χ^2/NDF : 444016.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 719.363+/-0.154 χ^2/NDF : 951725.2/27

cor_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 82.344+/-40.561 χ^2/NDF : 10.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -15.736+/-38.413 χ^2/NDF : 15.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

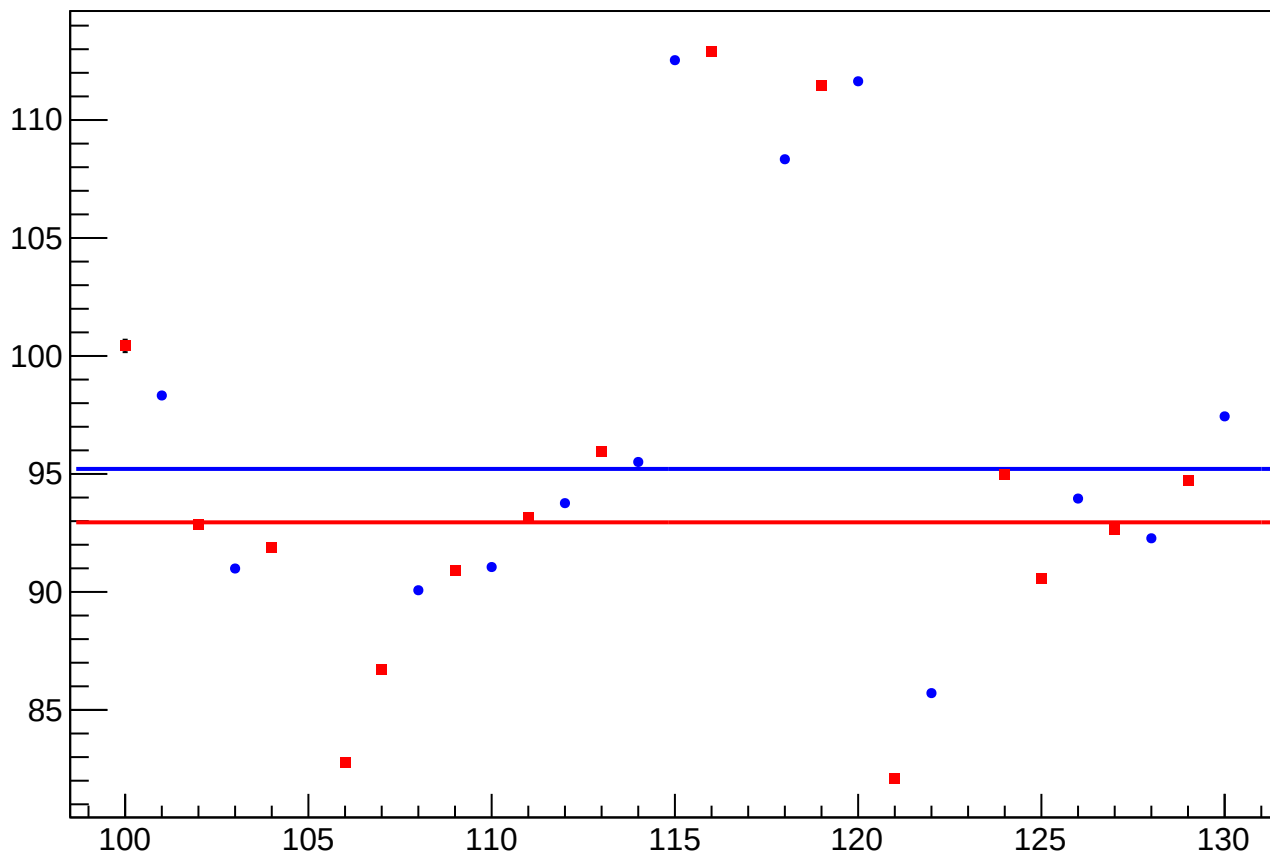
Right: 30.638+/-27.890 χ^2/NDF : 29.2/27

In: 82.344+/-40.561 χ^2/NDF :10.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 30.638+/-27.890 χ^2/NDF : 29.2/27

cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 95.213+/-0.029 χ^2/NDF : 58002.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.950+/-0.027 χ^2/NDF : 78432.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

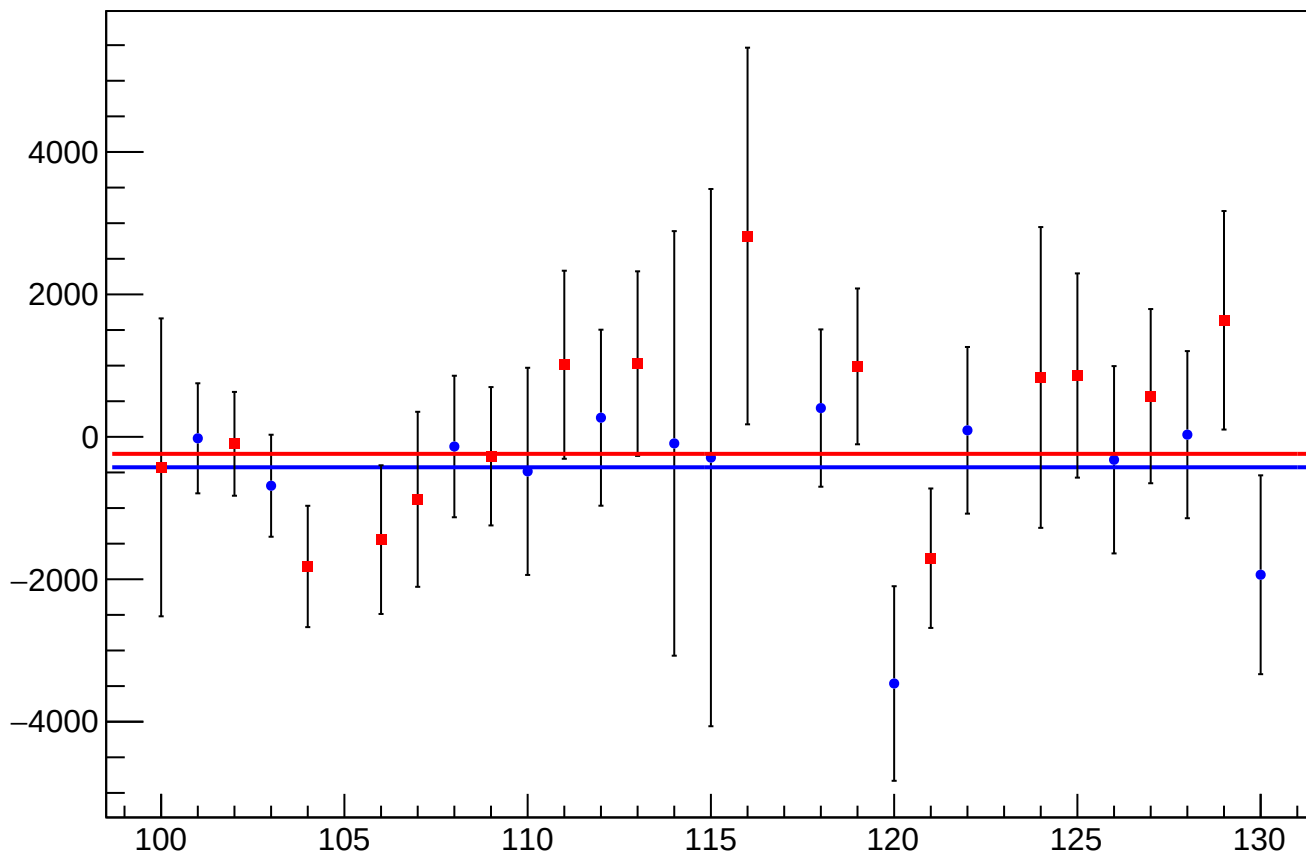
Right: 94.020+/-0.020 χ^2/NDF : 139717.6/27

In: 95.213+/-0.029 χ^2/NDF : 58002.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.020+/-0.020 χ^2/NDF : 139717.6/27

asym_sam_15_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -427.393+/-318.614 χ^2/NDF : 7.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -238.853+/-299.843 χ^2/NDF : 14.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

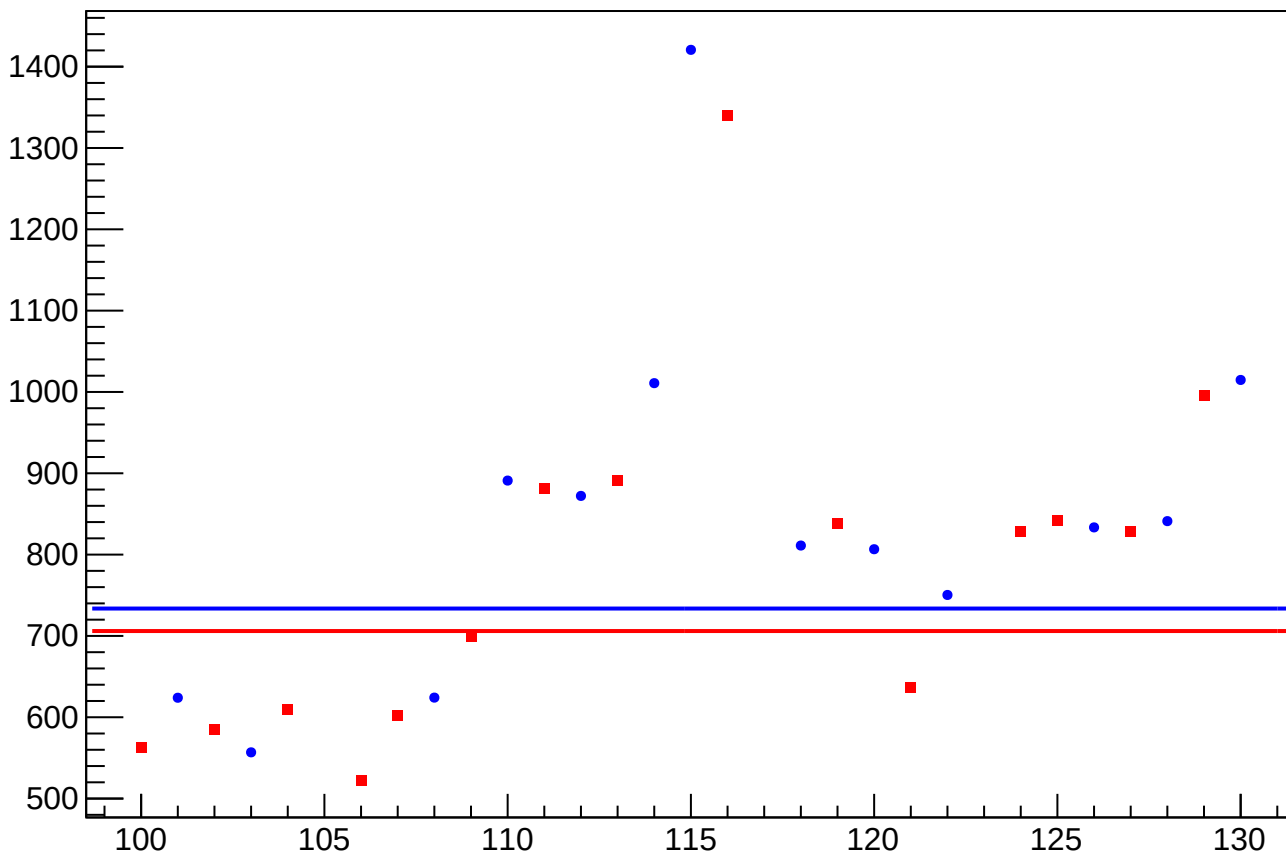
Right: -327.405+/-218.356 χ^2/NDF : 22.6/27

In: -427.393+/-318.614 χ^2/NDF : 7.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -327.405+/-218.356 χ^2/NDF : 22.6/27

asym_sam_15_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 733.674+/-0.225 χ^2/NDF : 444021.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 706.007+/-0.212 χ^2/NDF : 512351.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

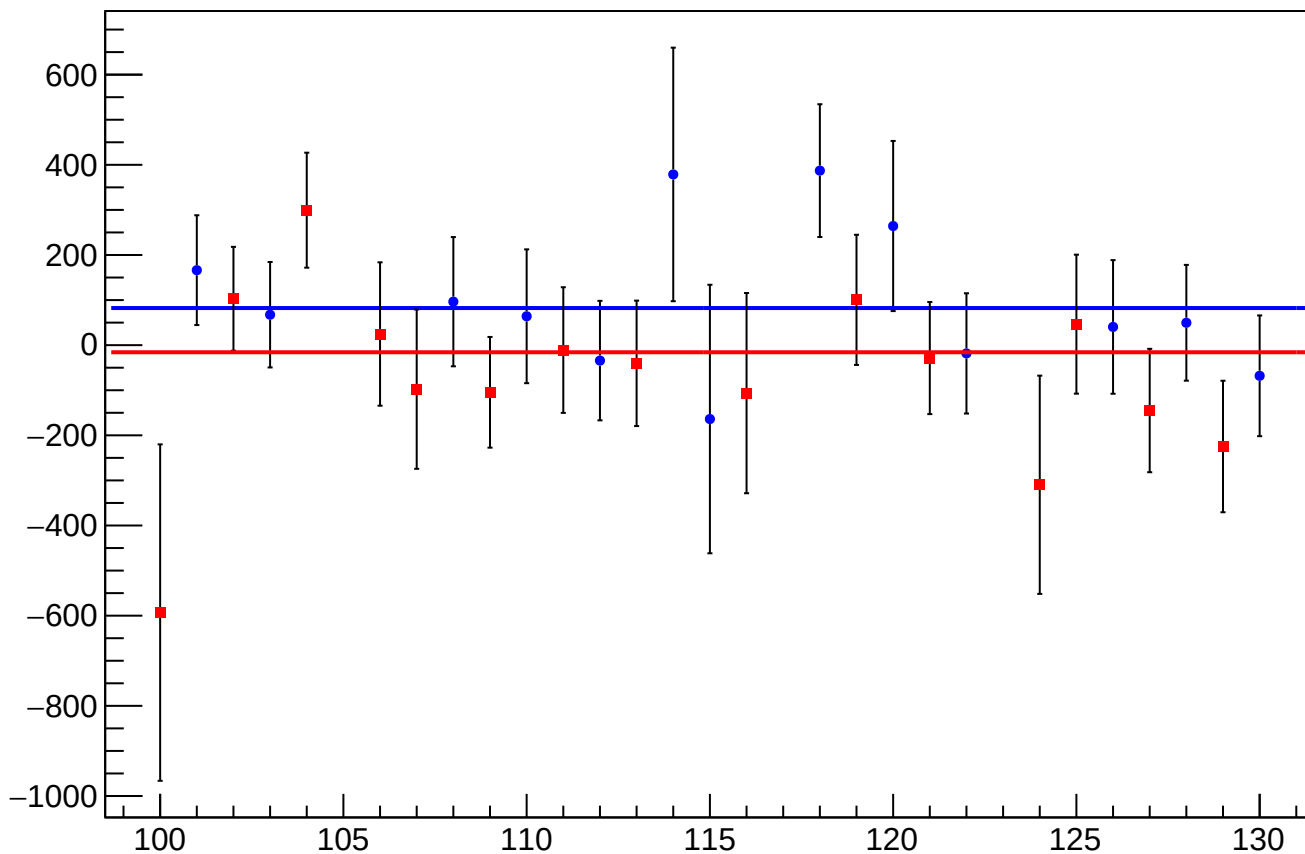
Right: 719.002+/-0.154 χ^2/NDF : 964370.2/27

In: 733.674+/-0.225 χ^2/NDF : 444021.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 719.002+/-0.154 χ^2/NDF : 964370.2/27

eigen_cor_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 82.344+/-40.561 χ^2/NDF : 10.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.736+/-38.413 χ^2/NDF : 15.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

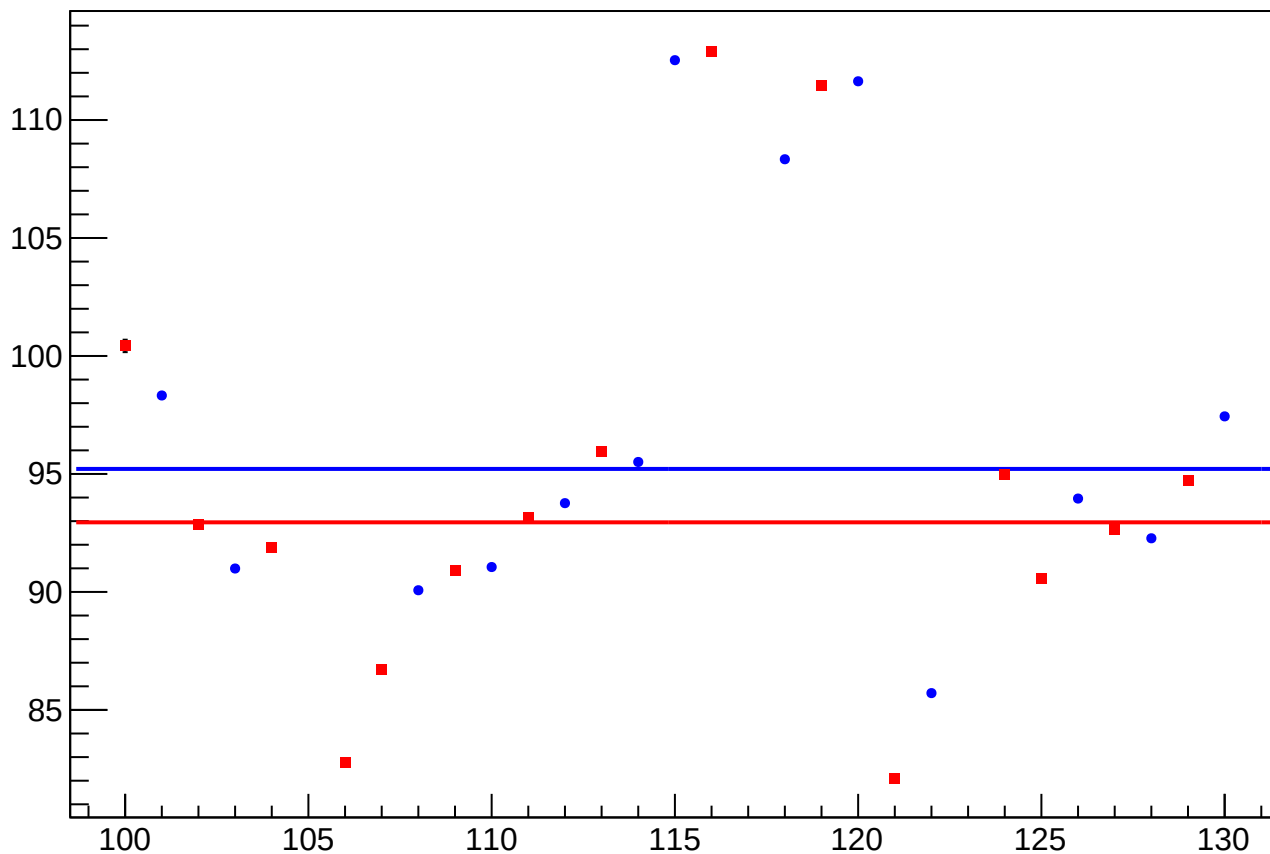
Right: 30.638+/-27.890 χ^2/NDF : 29.2/27

In: 82.344+/-40.561 χ^2/NDF : 10.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.638+/-27.890 χ^2/NDF : 29.2/27

eigen_cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 95.213+/-0.029 χ^2/NDF : 58002.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.950+/-0.027 χ^2/NDF : 78432.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

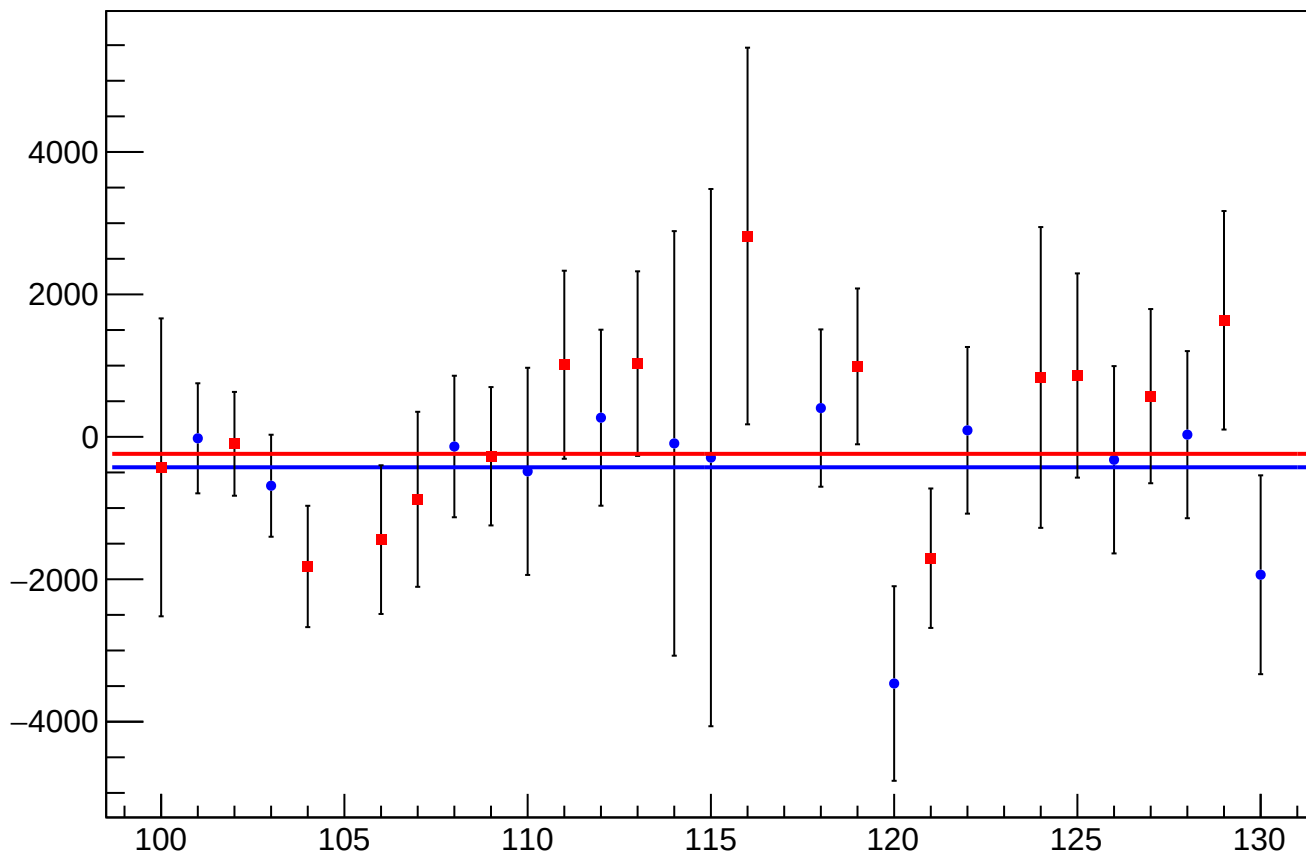
Right: 94.020+/-0.020 χ^2/NDF : 139717.6/27

In: 95.213+/-0.029 χ^2/NDF : 58002.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.020+/-0.020 χ^2/NDF : 139717.6/27

asym_sam_15_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -427.393+/-318.614 χ^2/NDF : 7.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -238.853+/-299.843 χ^2/NDF : 14.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

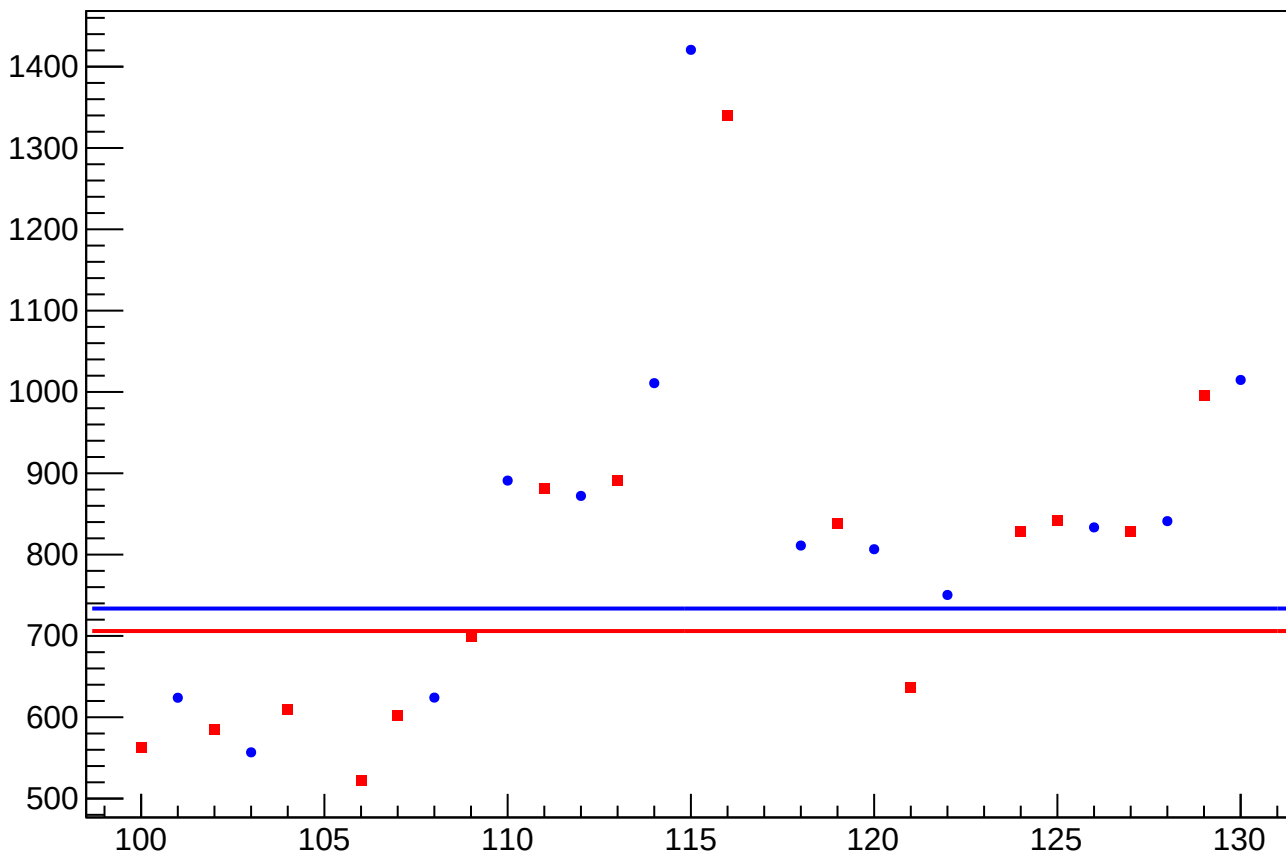
Right: -327.405+/-218.356 χ^2/NDF : 22.6/27

In: -427.393+/-318.614 χ^2/NDF : 7.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -327.405+/-218.356 χ^2/NDF : 22.6/27

asym_sam_15_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 733.674+/-0.225 χ^2/NDF : 444021.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 706.007+/-0.212 χ^2/NDF : 512351.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

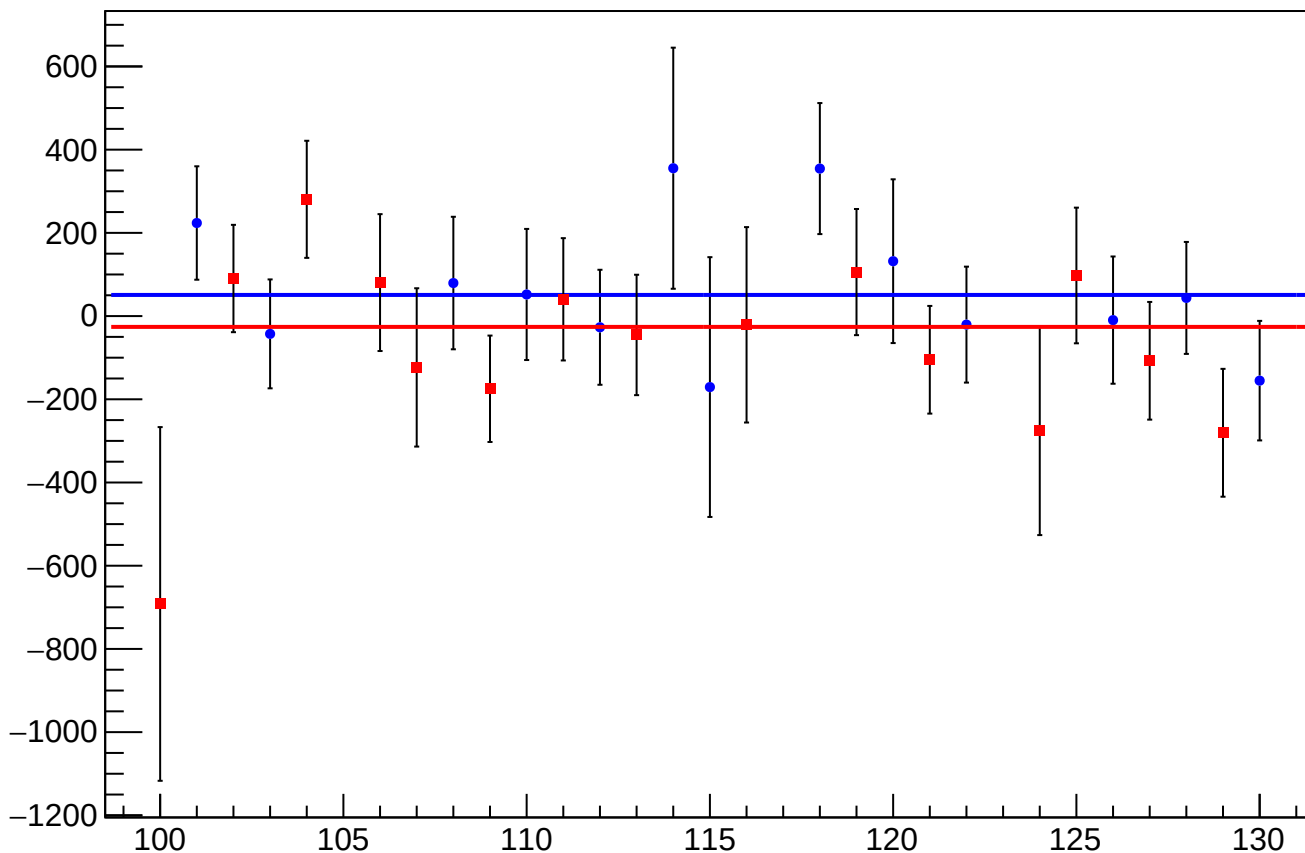
Right: 719.002+/-0.154 χ^2/NDF : 964370.2/27

In: 733.674+/-0.225 χ^2/NDF : 444021.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 719.002+/-0.154 χ^2/NDF : 964370.2/27

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 50.824 $\pm$ 43.415 χ^2 /NDF: 10.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -25.991 $\pm$ 40.717 χ^2 /NDF: 16.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

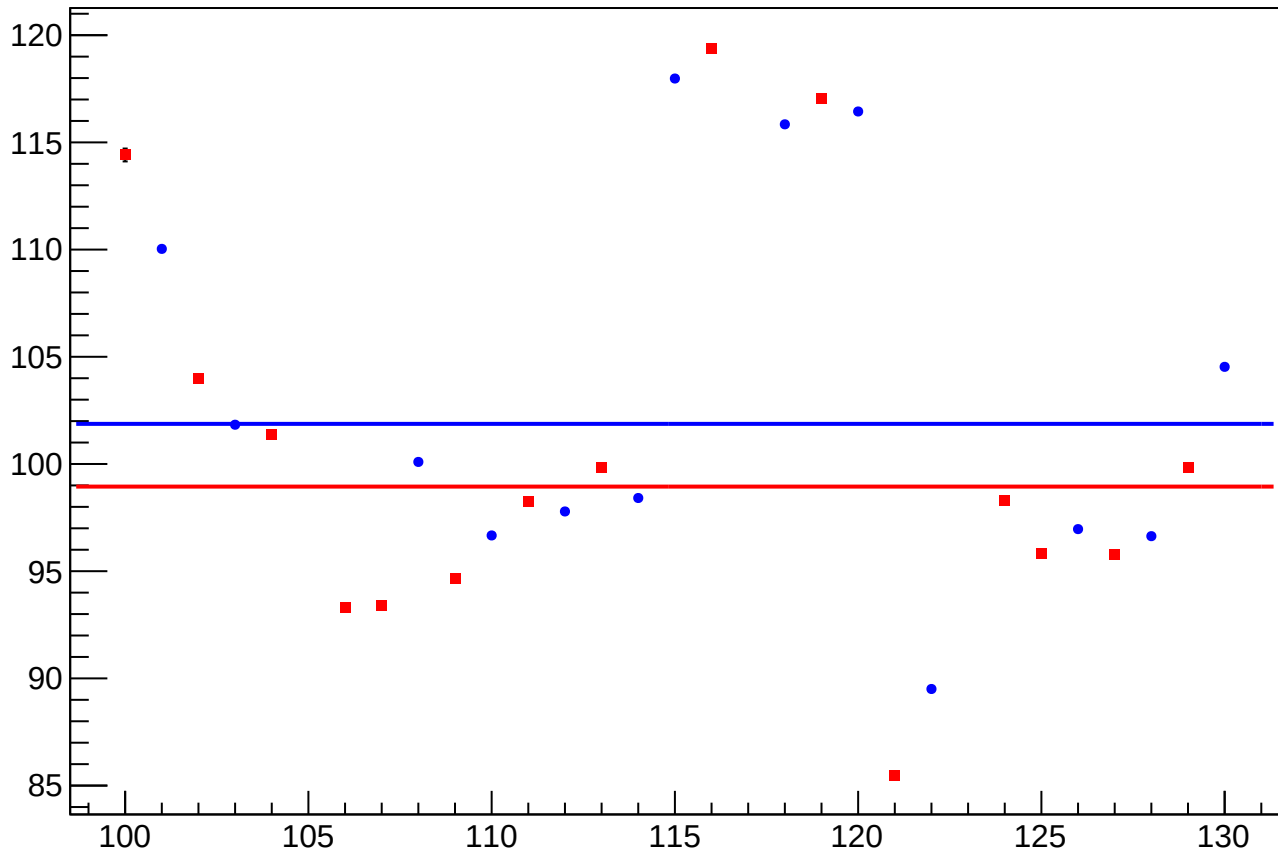
Right: 9.956 $\pm$ 29.700 χ^2 /NDF: 28.2/27

In: 50.824 $\pm$ 43.415 χ^2 /NDF:10.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 9.956 $\pm$ 29.700 χ^2 /NDF: 28.2/27

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 101.871 $\pm$ 0.031 χ^2 /NDF: 65188.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 98.946 $\pm$ 0.029 χ^2 /NDF: 80001.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

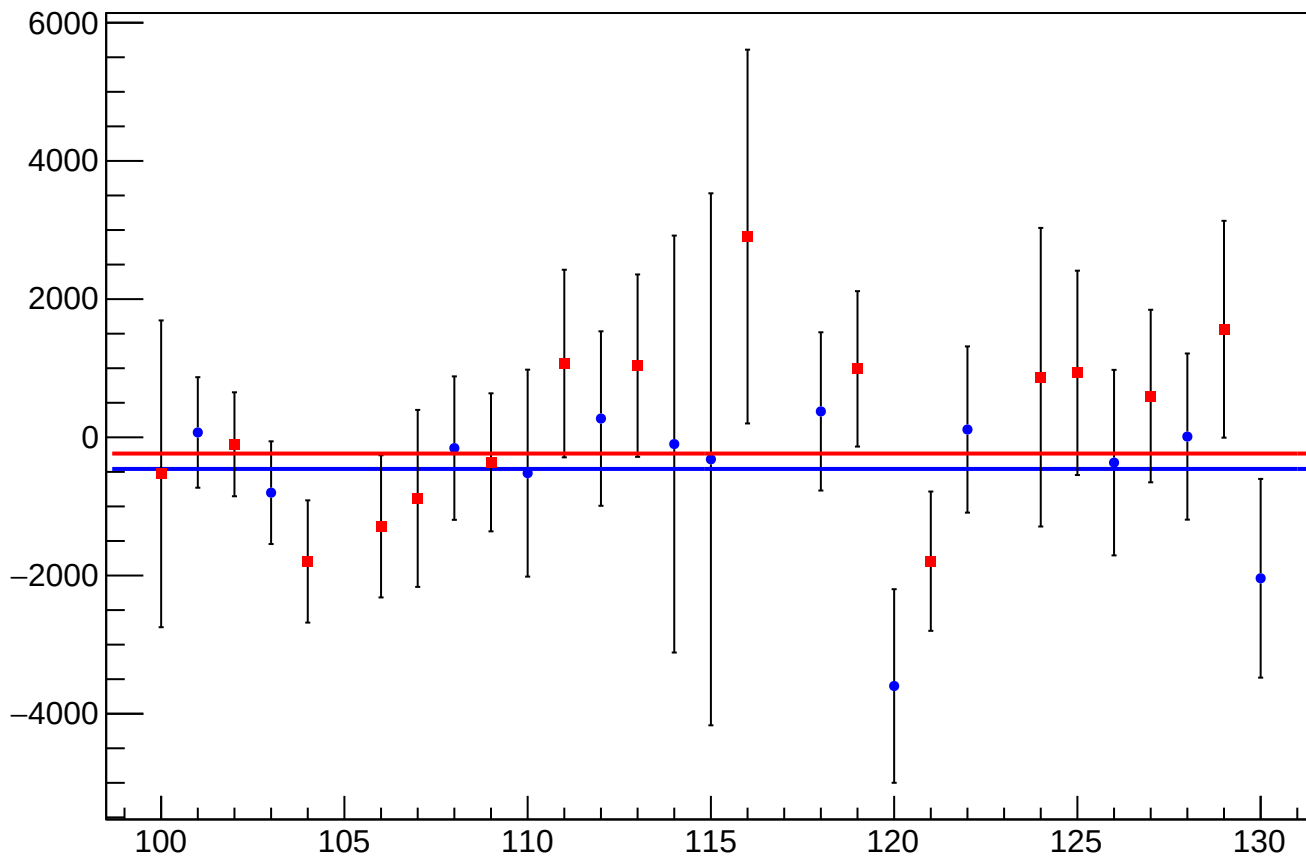
Right: 100.315 $\pm$ 0.021 χ^2 /NDF: 150021.8/27

In: 101.871 $\pm$ 0.031 χ^2 /NDF:65188.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 100.315 $\pm$ 0.021 χ^2 /NDF: 150021.8/27

asym_sam_15_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -457.338+/-328.859 χ^2/NDF : 8.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -234.669+/-307.825 χ^2/NDF : 13.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

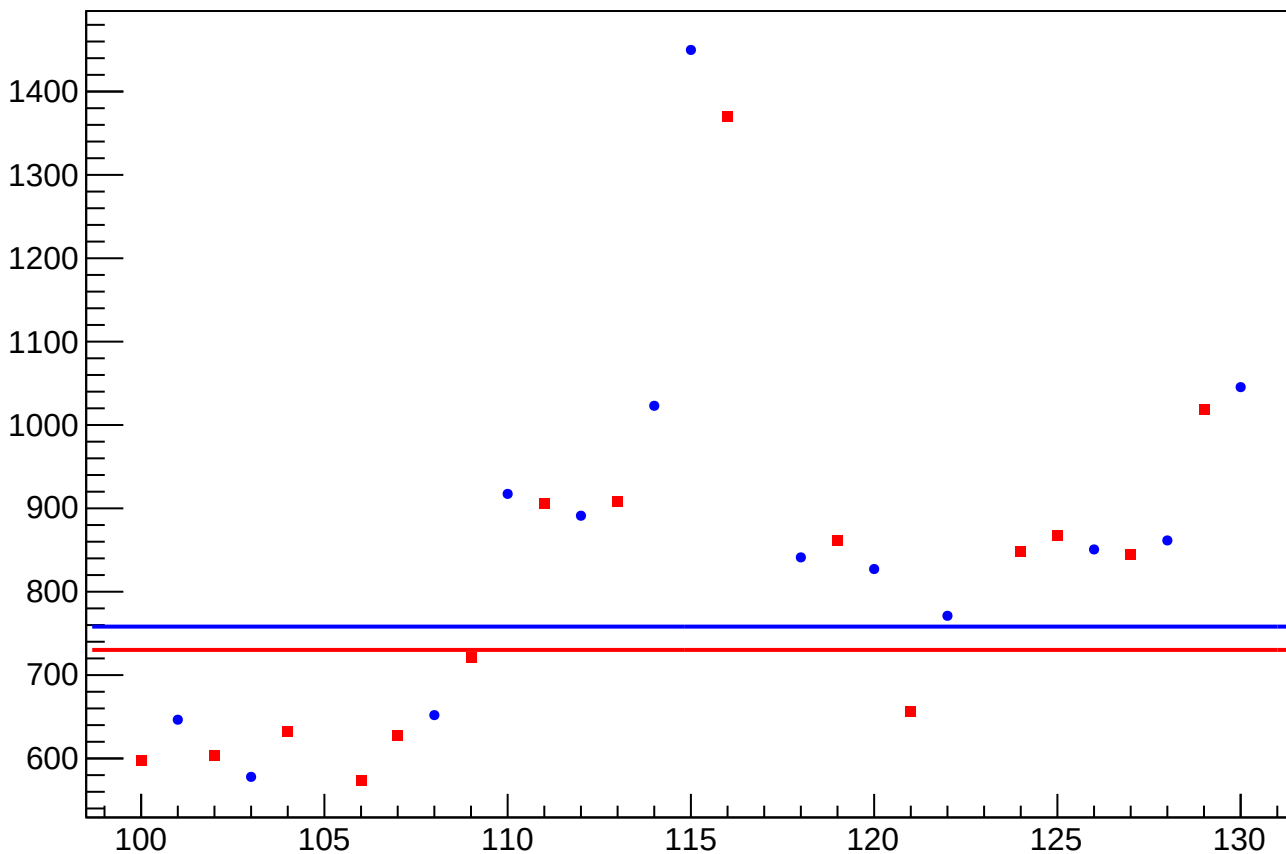
Right: -338.655+/-224.733 χ^2/NDF : 22.4/27

In: -457.338+/-328.859 χ^2/NDF : 8.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -338.655+/-224.733 χ^2/NDF : 22.4/27

asym_sam_15_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 758.161+/-0.233 χ^2/NDF : 422089.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 730.186+/-0.218 χ^2/NDF : 474528.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

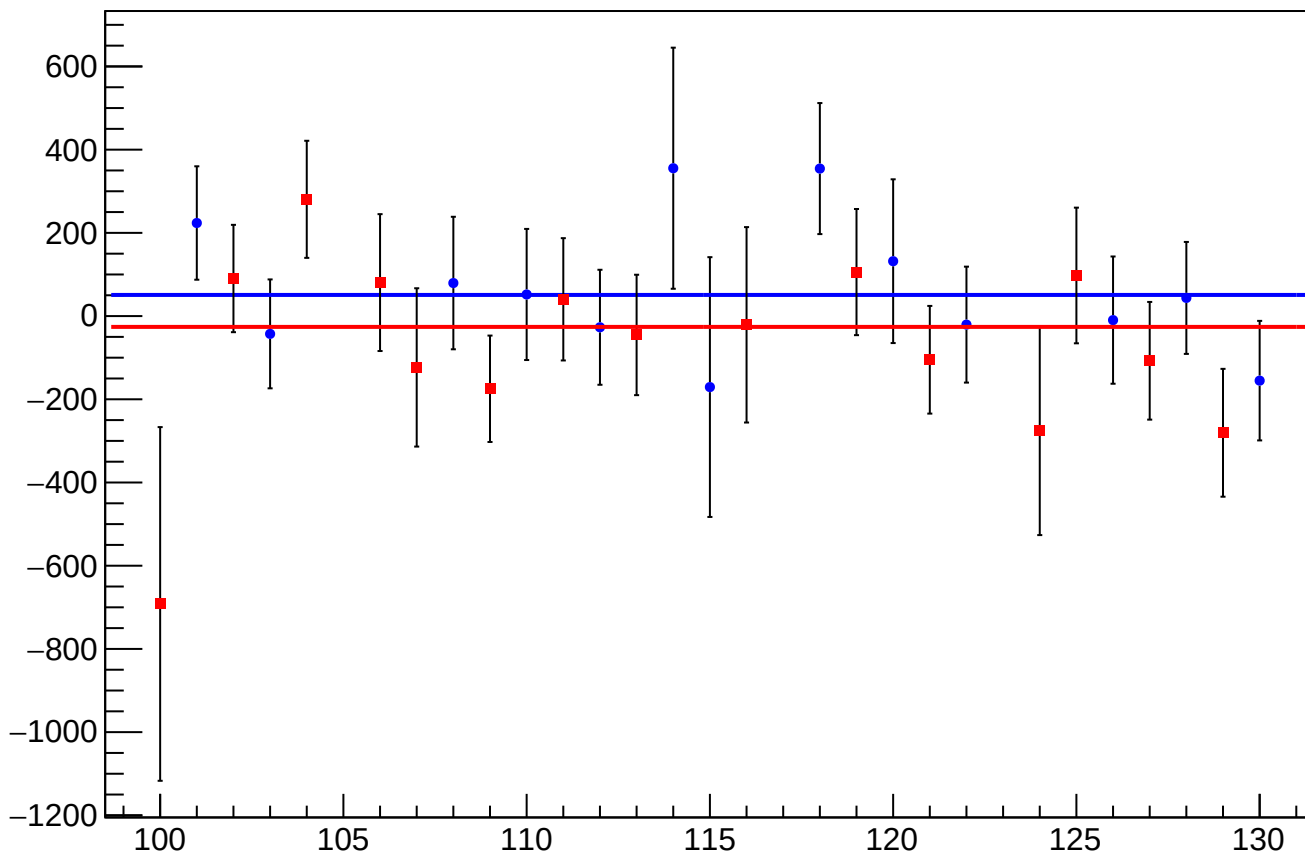
Right: 743.250+/-0.159 χ^2/NDF : 904332.1/27

In: 758.161+/-0.233 χ^2/NDF : 422089.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 743.250+/-0.159 χ^2/NDF : 904332.1/27

eigen_dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 50.825 $\pm$ 43.415 χ^2 /NDF: 10.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -25.992 $\pm$ 40.717 χ^2 /NDF: 16.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

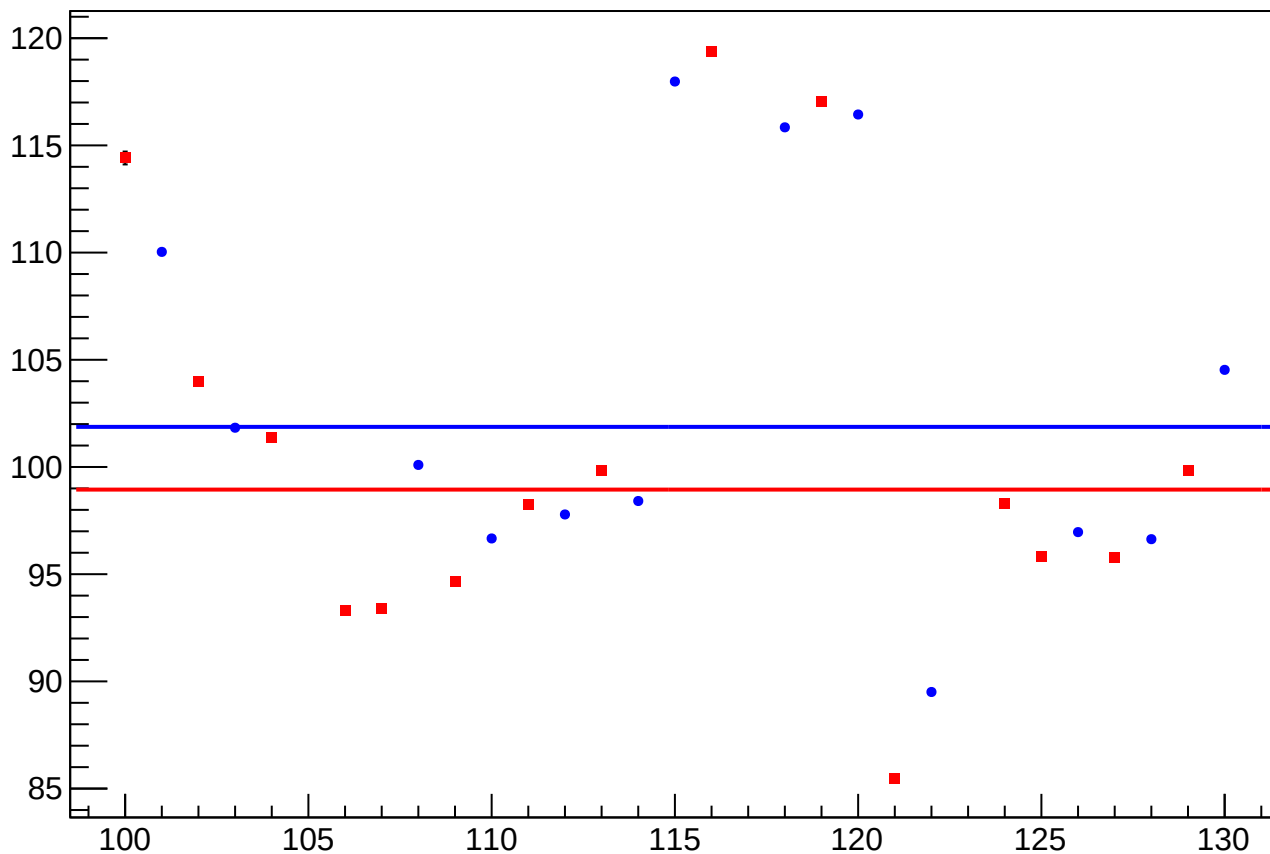
Right: 9.956 $\pm$ 29.700 χ^2 /NDF: 28.2/27

In: 50.825 $\pm$ 43.415 χ^2 /NDF:10.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 9.956 $\pm$ 29.700 χ^2 /NDF: 28.2/27

eigen_dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 101.871 $\pm$ 0.031 χ^2 /NDF: 65188.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 98.945 $\pm$ 0.029 χ^2 /NDF: 80002.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

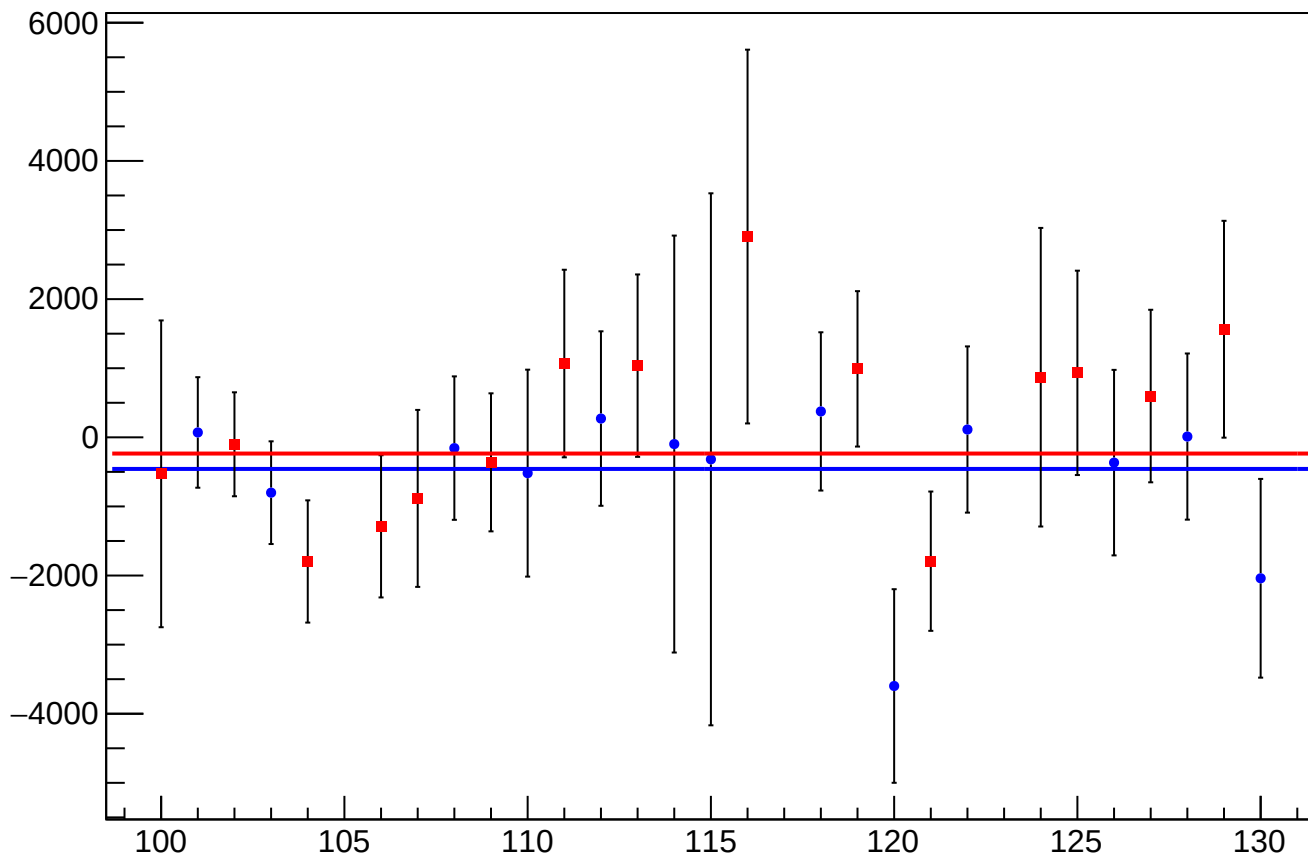
Right: 100.314 $\pm$ 0.021 χ^2 /NDF: 150022.4/27

In: 101.871 $\pm$ 0.031 χ^2 /NDF:65188.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 100.314 $\pm$ 0.021 χ^2 /NDF: 150022.4/27

asym_sam_15_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -457.338+/-328.859 χ^2/NDF : 8.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -234.669+/-307.824 χ^2/NDF : 13.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

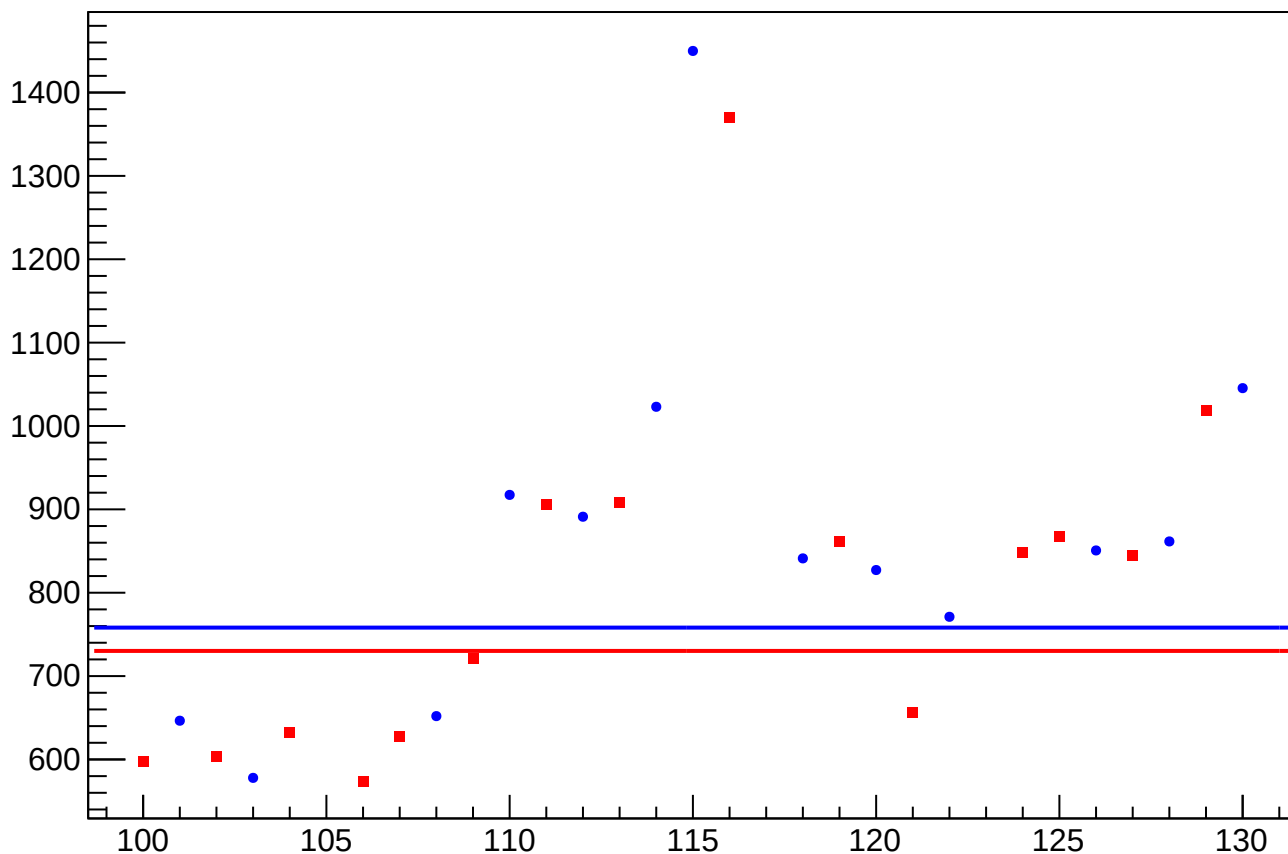
Right: -338.655+/-224.733 χ^2/NDF : 22.4/27

In: -457.338+/-328.859 χ^2/NDF : 8.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -338.655+/-224.733 χ^2/NDF : 22.4/27

asym_sam_15_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 758.160+/-0.233 χ^2/NDF : 422087.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 730.185+/-0.218 χ^2/NDF : 474526.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

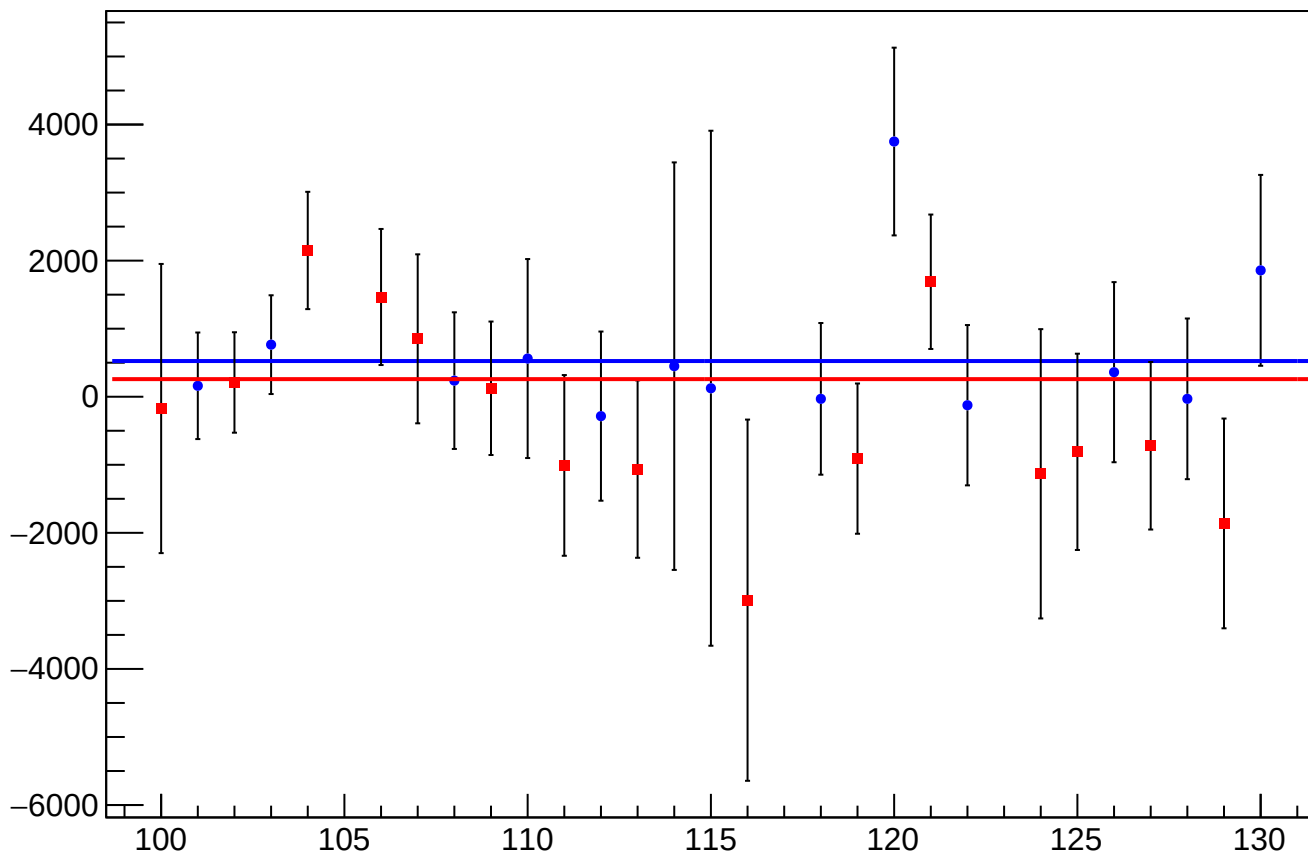
Right: 743.249+/-0.159 χ^2/NDF : 904328.8/27

In: 758.160+/-0.233 χ^2/NDF : 422087.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 743.249+/-0.159 χ^2/NDF : 904328.8/27

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 524.614+/-321.633 χ^2/NDF : 8.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 258.729+/-301.262 χ^2/NDF : 16.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

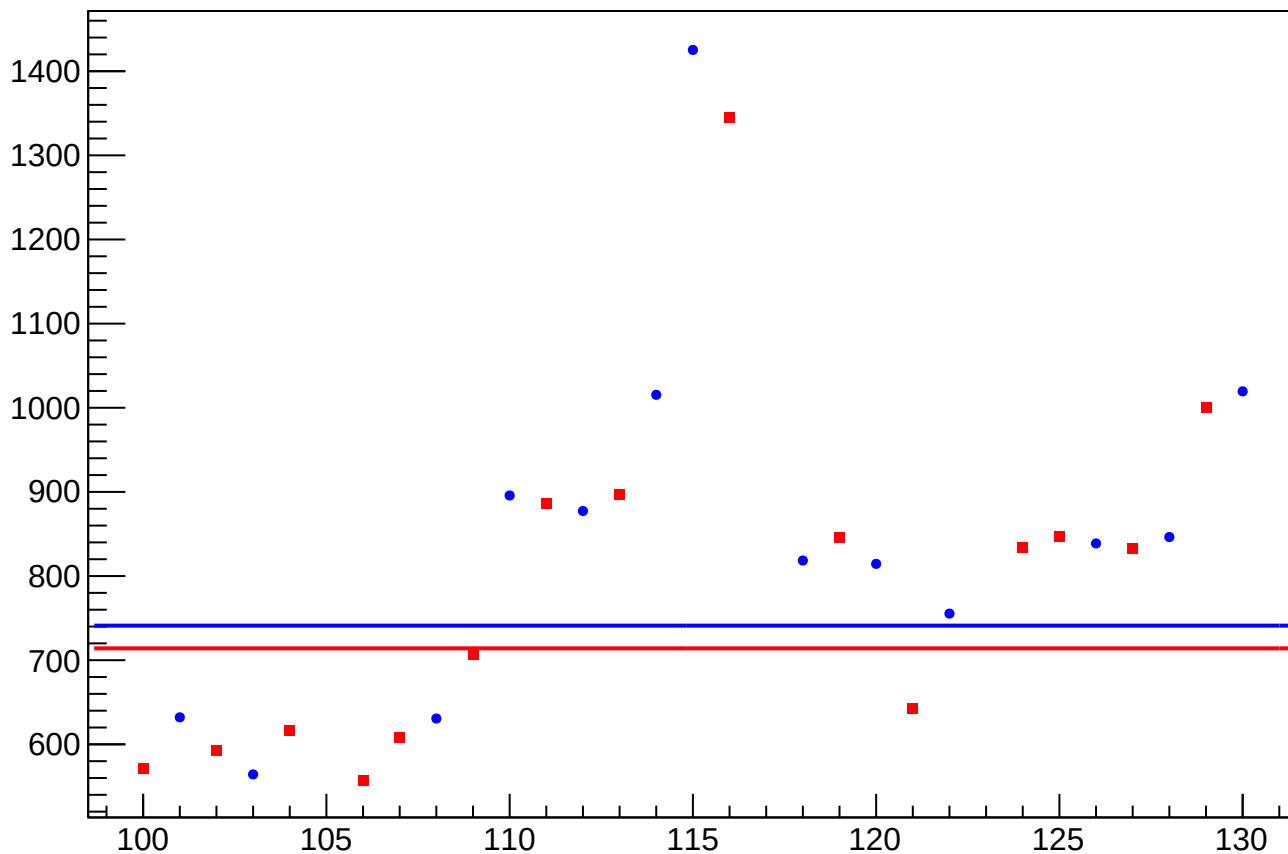
Right: 382.985+/-219.874 χ^2/NDF : 25.1/27

In: 524.614+/-321.633 χ^2/NDF : 8.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 382.985+/-219.874 χ^2/NDF : 25.1/27

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 741.075+/-0.227 χ^2/NDF : 431453.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 714.089+/-0.213 χ^2/NDF : 488152.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

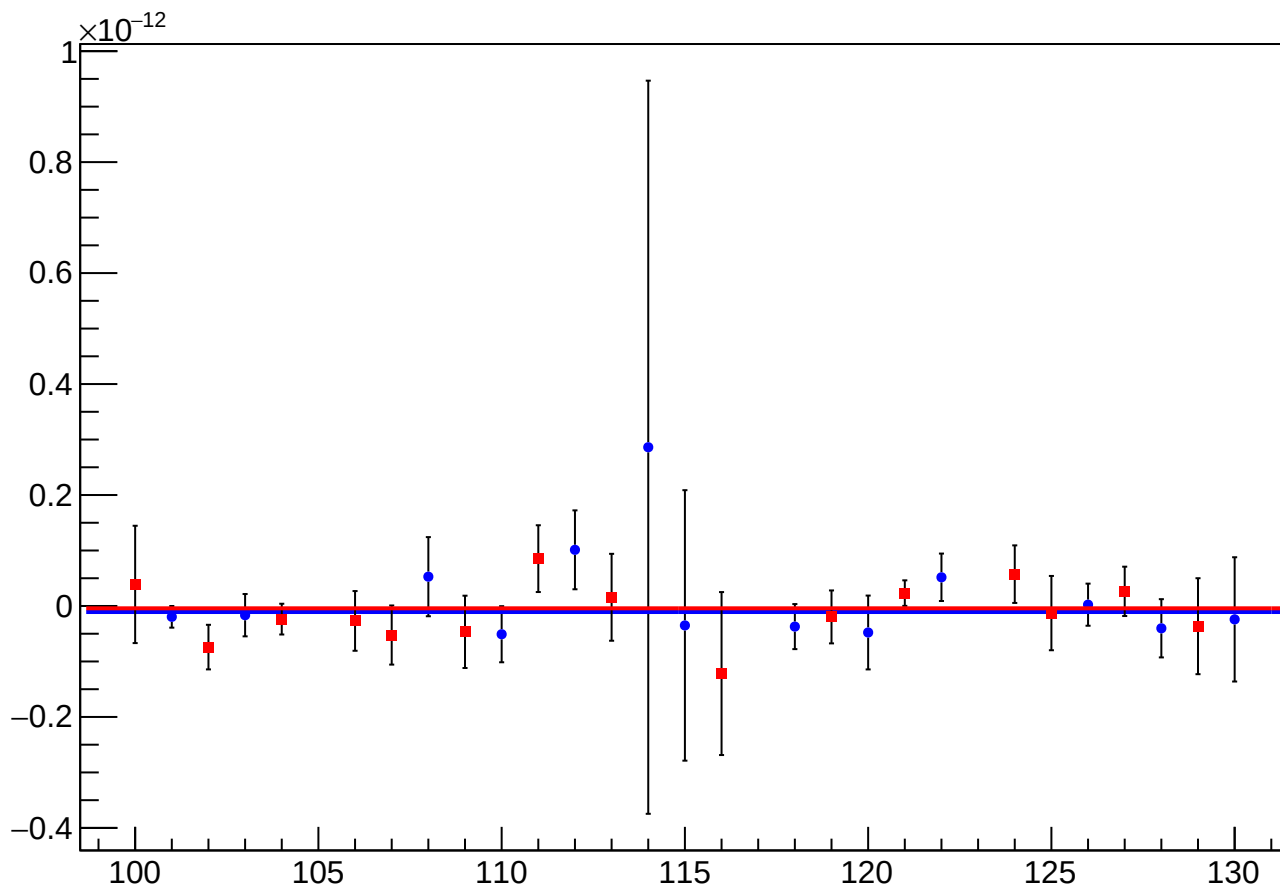
Right: 726.700+/-0.155 χ^2/NDF : 927106.3/27

In: 741.075+/-0.227 χ^2/NDF : 431453.7/12

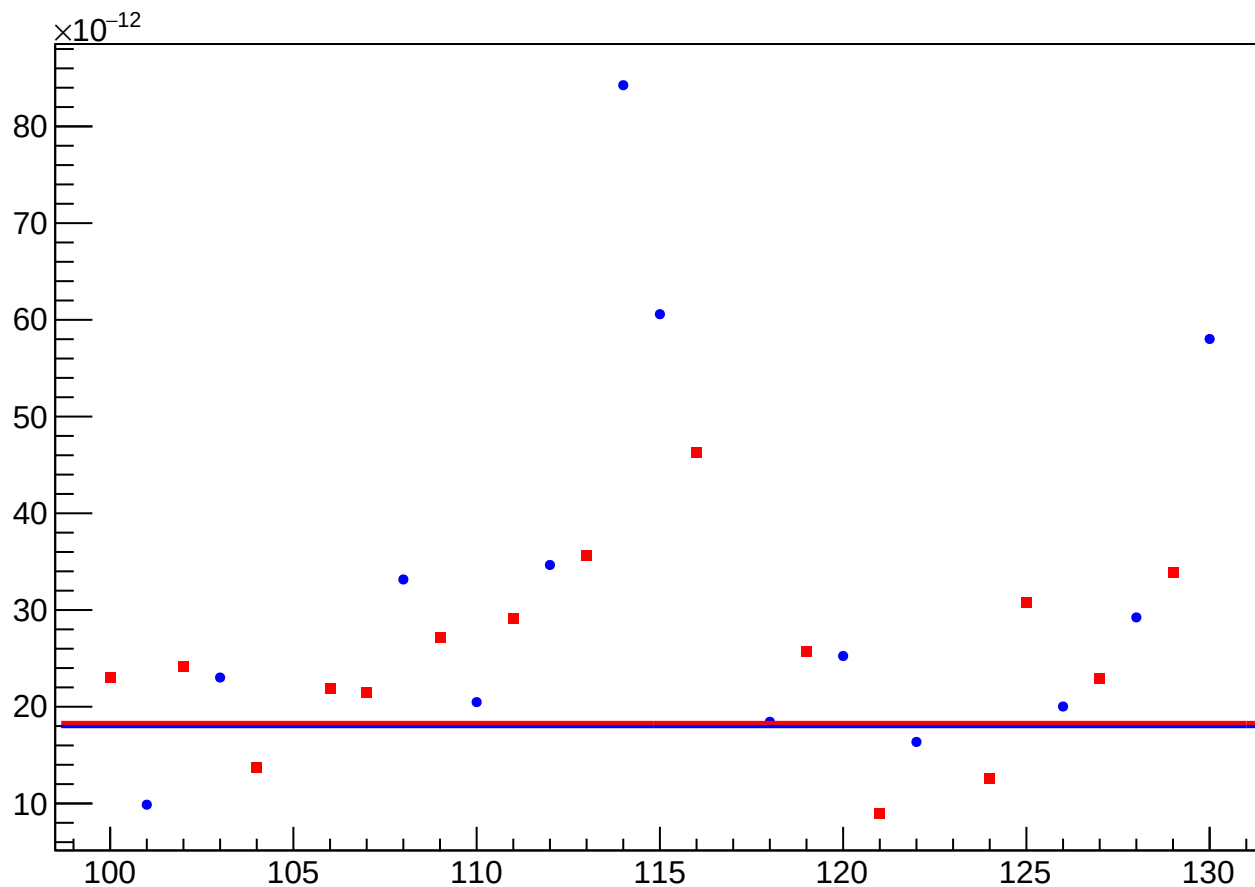
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 726.700+/-0.155 χ^2/NDF : 927106.3/27

asym_sam_15_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



asym_sam_15_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1047169.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 948125.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

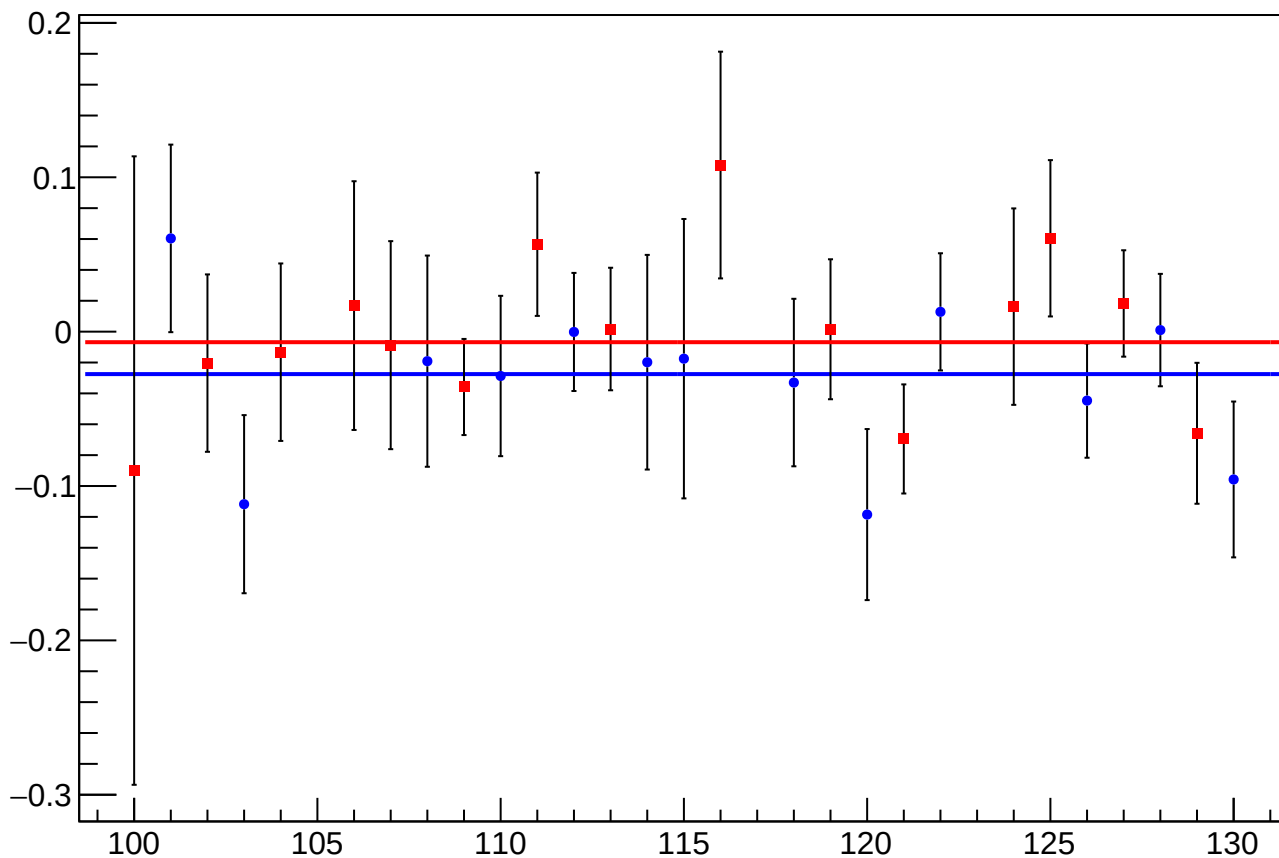
Right: 0.000+/-0.000 χ^2/NDF : 1996120.5/27

In: 0.000+/-0.000 χ^2/NDF : 1047169.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1996120.5/27

asym_sam_15_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028 $\pm$ 0.014 χ^2 /NDF: 11.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.007 $\pm$ 0.012 χ^2 /NDF: 12.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

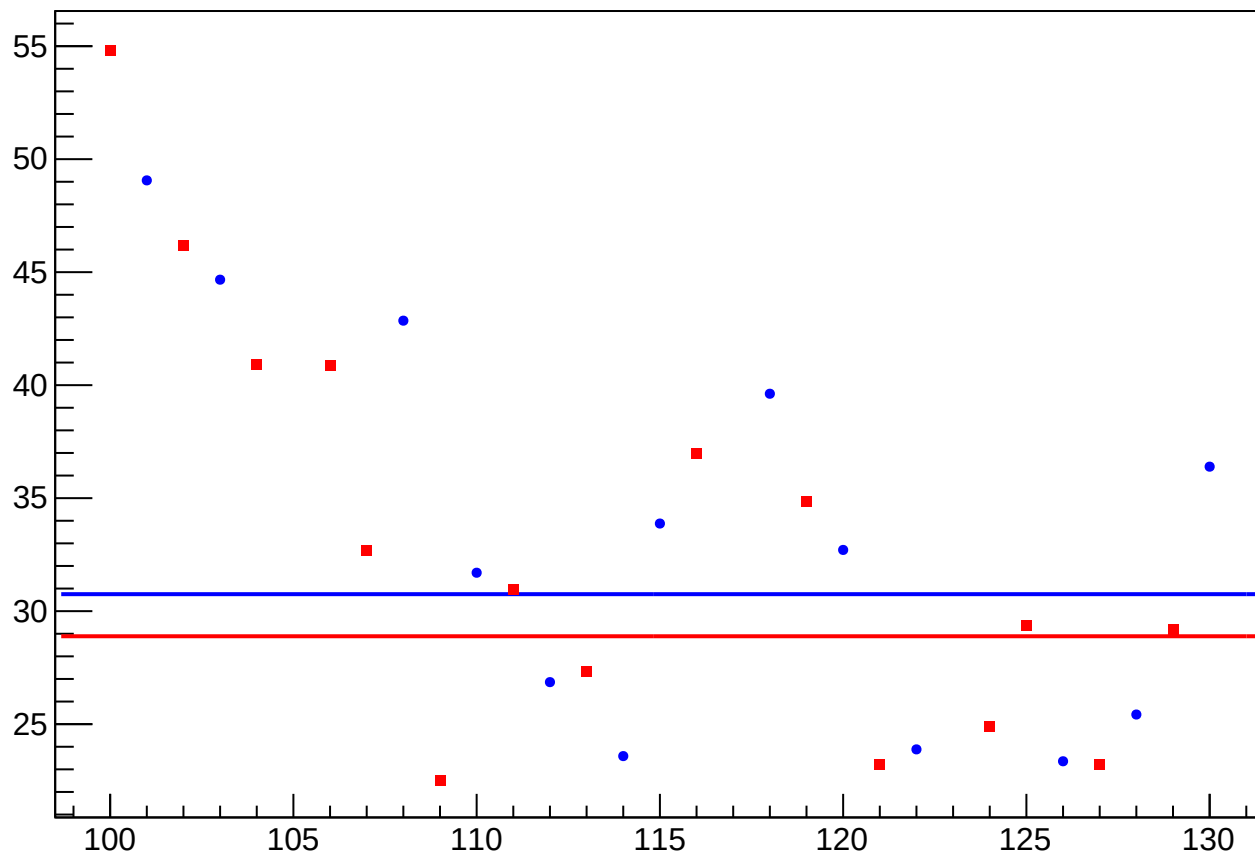
Right: -0.016 $\pm$ 0.009 χ^2 /NDF: 25.4/27

In: -0.028 $\pm$ 0.014 χ^2 /NDF:11.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.016 $\pm$ 0.009 χ^2 /NDF: 25.4/27

asym_sam_15_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.752+/-0.010 χ^2/NDF : 674618.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.889+/-0.009 χ^2/NDF : 615758.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

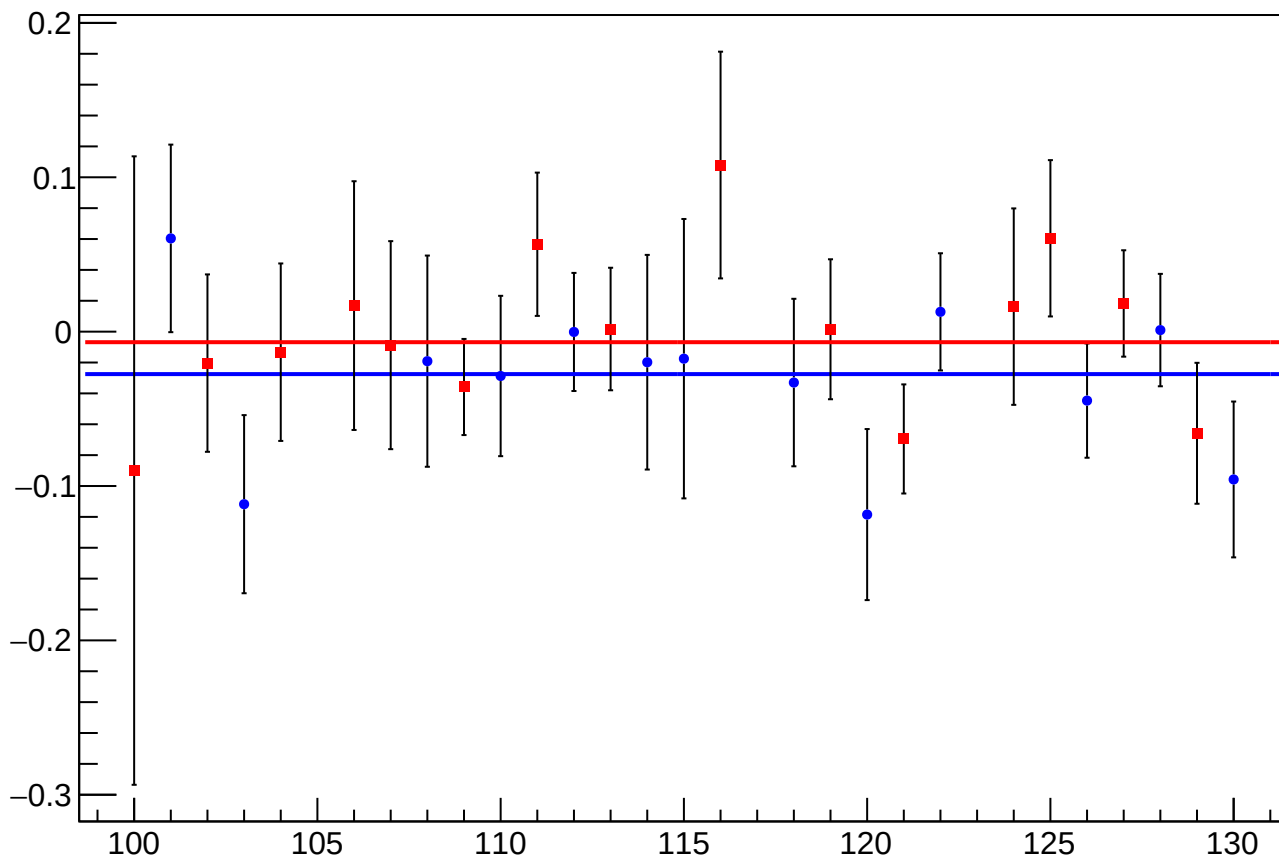
Right: 29.730+/-0.006 χ^2/NDF : 1310940.4/27

In: 30.752+/-0.010 χ^2/NDF : 674618.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.730+/-0.006 χ^2/NDF : 1310940.4/27

asym_sam_15_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028 $\pm$ 0.014 χ^2 /NDF: 11.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.007 $\pm$ 0.012 χ^2 /NDF: 12.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

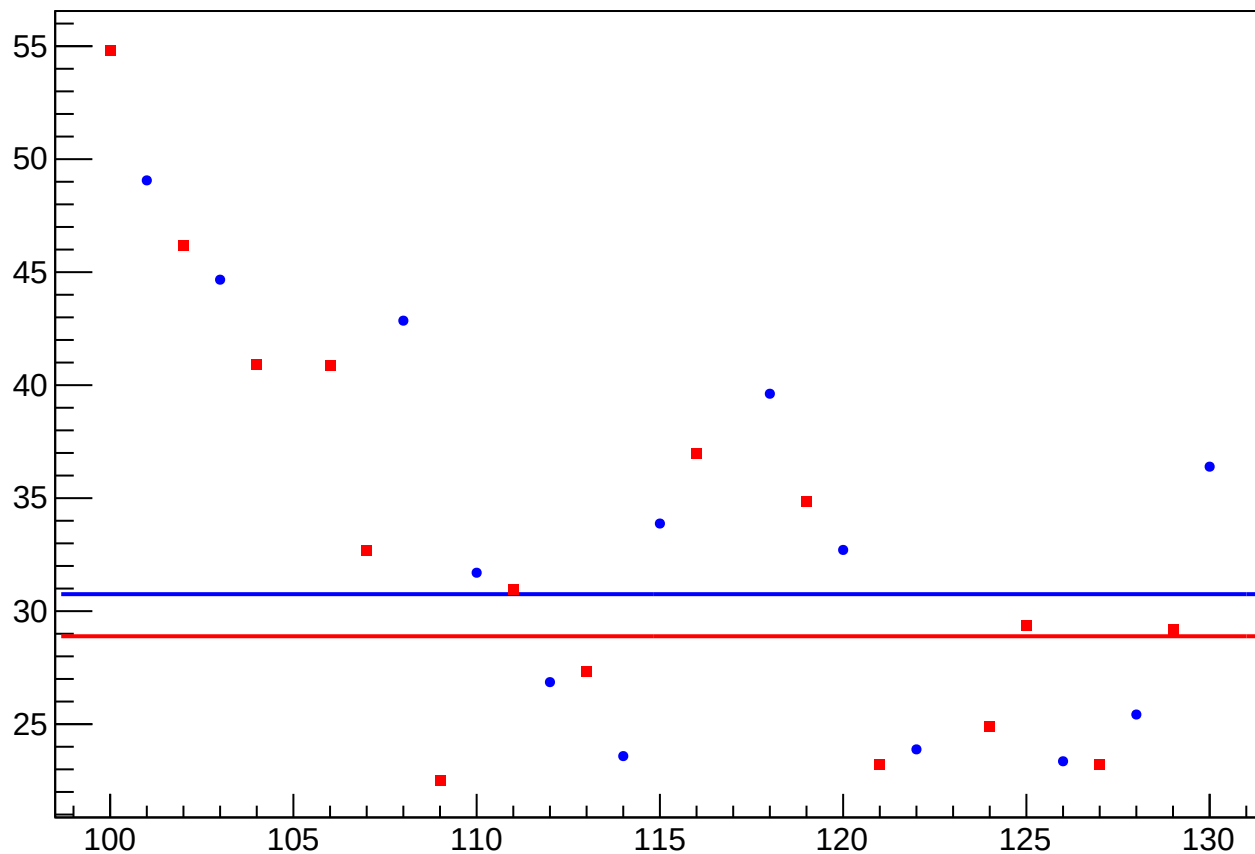
Right: -0.016 $\pm$ 0.009 χ^2 /NDF: 25.4/27

In: -0.028 $\pm$ 0.014 χ^2 /NDF:11.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.016 $\pm$ 0.009 χ^2 /NDF: 25.4/27

asym_sam_15_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.752+/-0.010 χ^2/NDF : 674618.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.889+/-0.009 χ^2/NDF : 615758.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

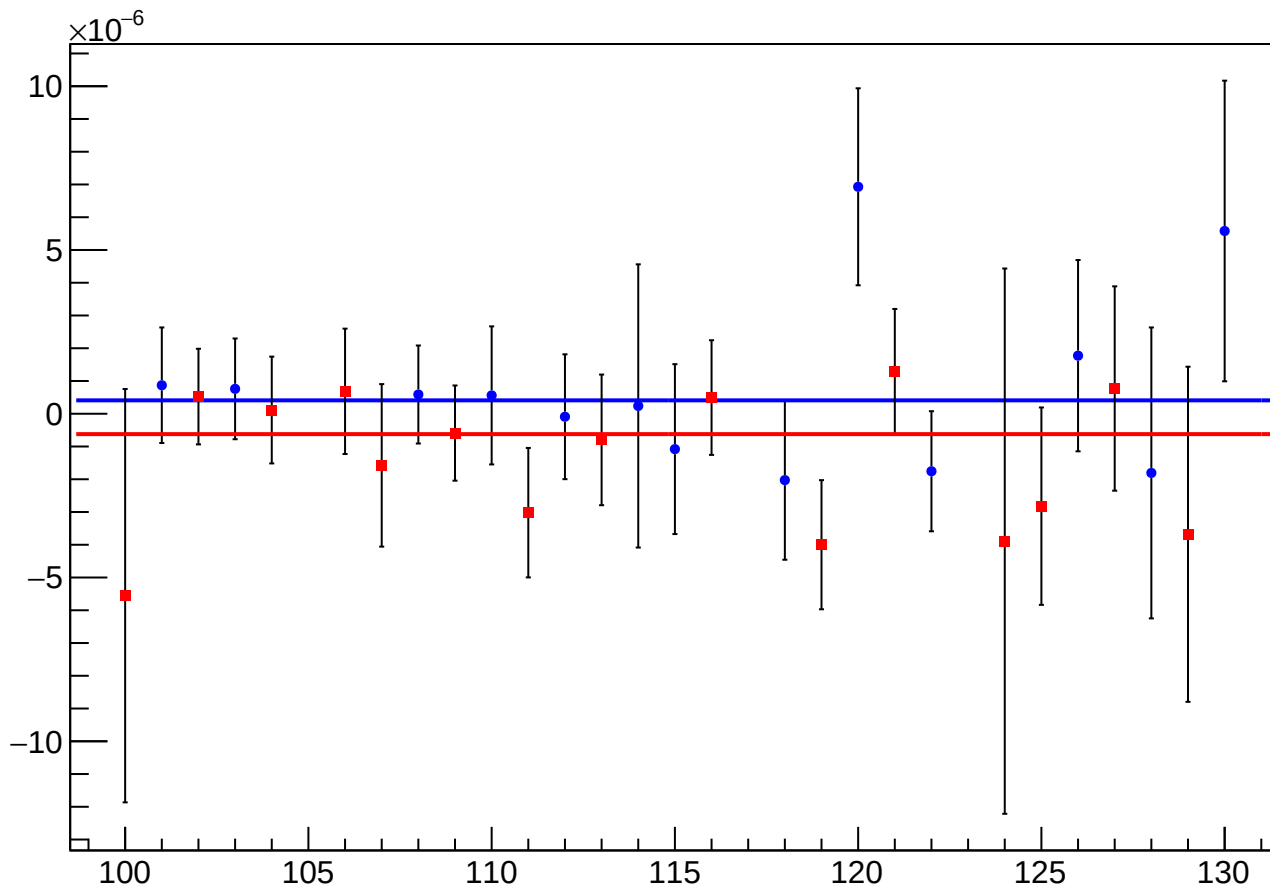
Right: 29.730+/-0.006 χ^2/NDF : 1310940.4/27

In: 30.752+/-0.010 χ^2/NDF : 674618.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.730+/-0.006 χ^2/NDF : 1310940.4/27

asym_sam_15_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 9.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 9.1/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

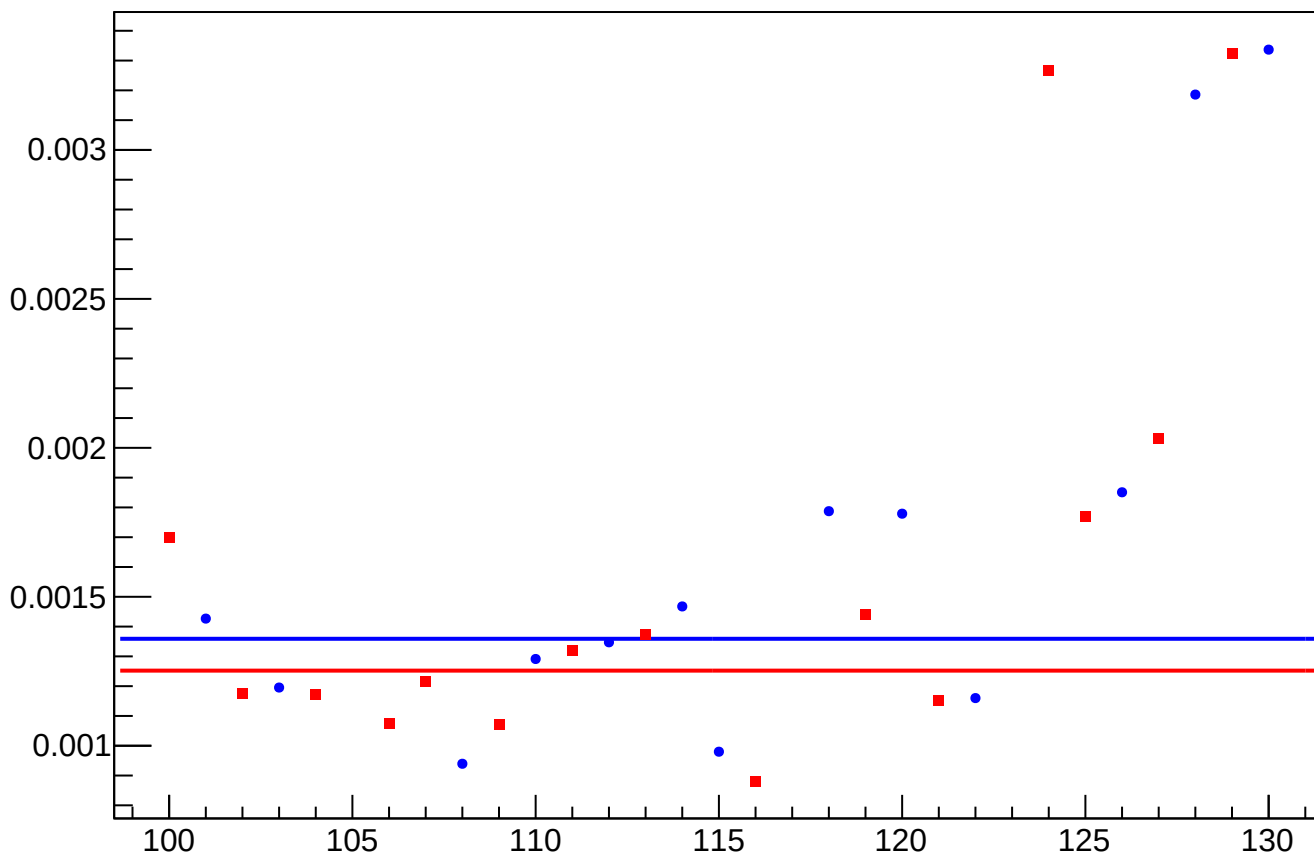
Right: -0.000 ± 0.000 χ^2/NDF : 20.1/27

In: 0.000 ± 0.000 χ^2/NDF : 9.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 20.1/27

asym_sam_15_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1120093.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 820628.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

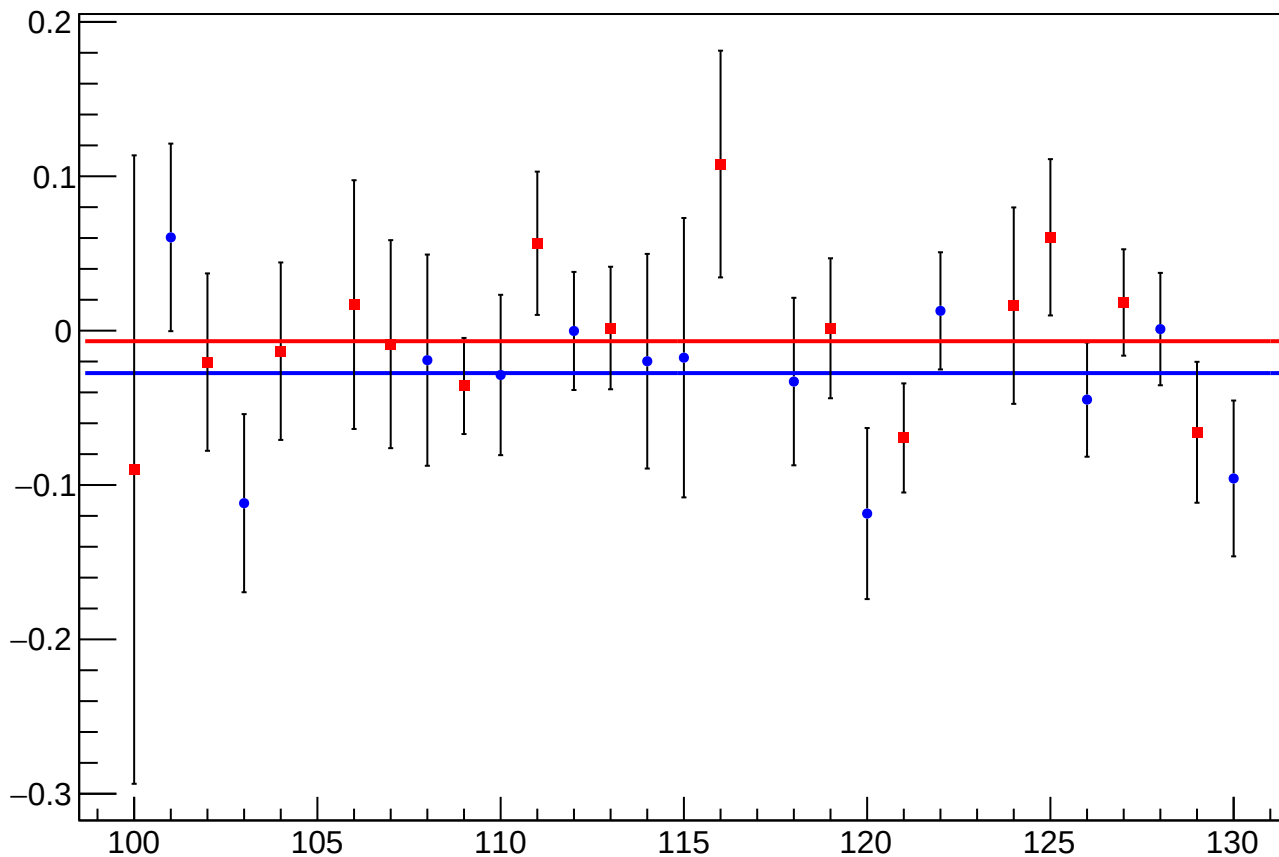
Right: 0.001+/-0.000 χ^2/NDF : 1975030.9/27

In: 0.001+/-0.000 χ^2/NDF : 1120093.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1975030.9/27

asym_sam_15_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028 $\pm$ 0.014 χ^2 /NDF: 11.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.007 $\pm$ 0.012 χ^2 /NDF: 12.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

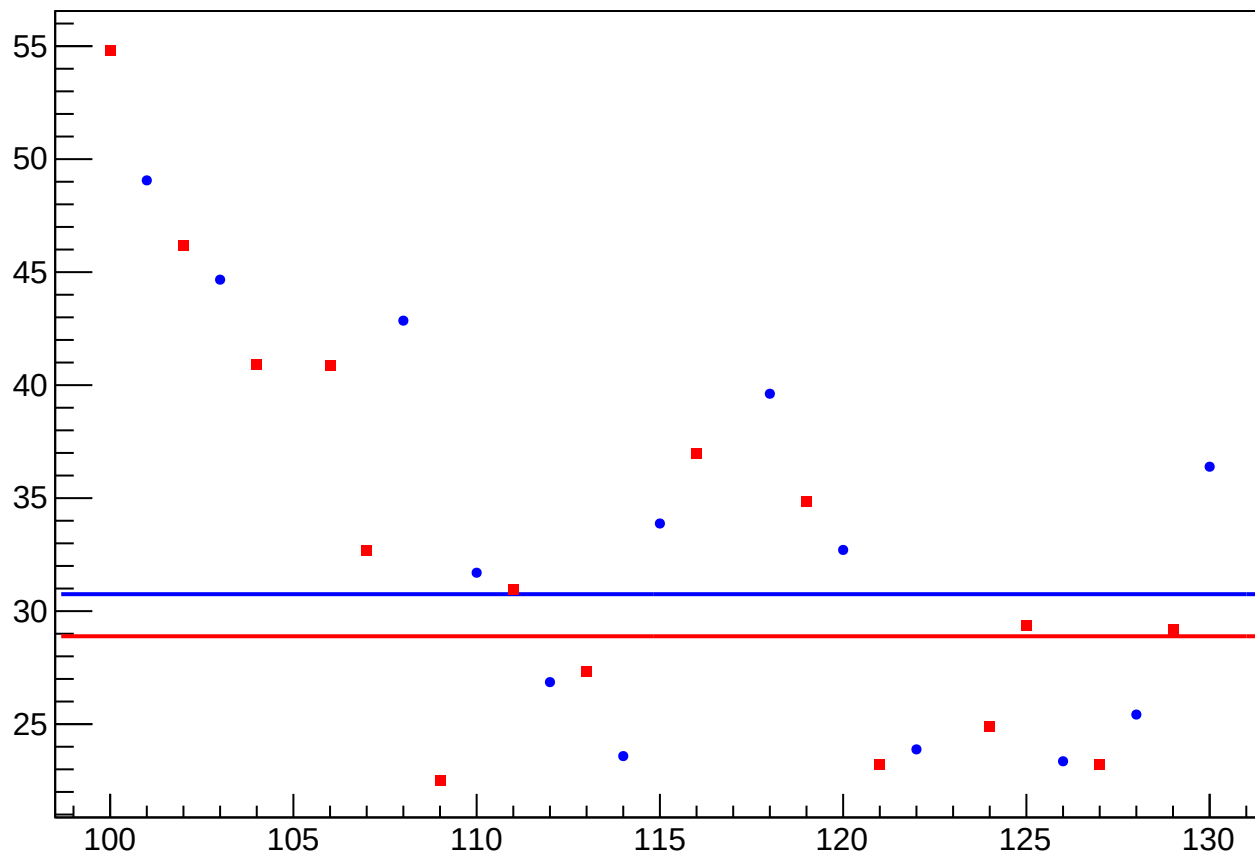
Right: -0.016 $\pm$ 0.009 χ^2 /NDF: 25.4/27

In: -0.028 $\pm$ 0.014 χ^2 /NDF:11.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.016 $\pm$ 0.009 χ^2 /NDF: 25.4/27

asym_sam_15_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.750+/-0.010 χ^2/NDF : 674668.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.888+/-0.009 χ^2/NDF : 615834.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

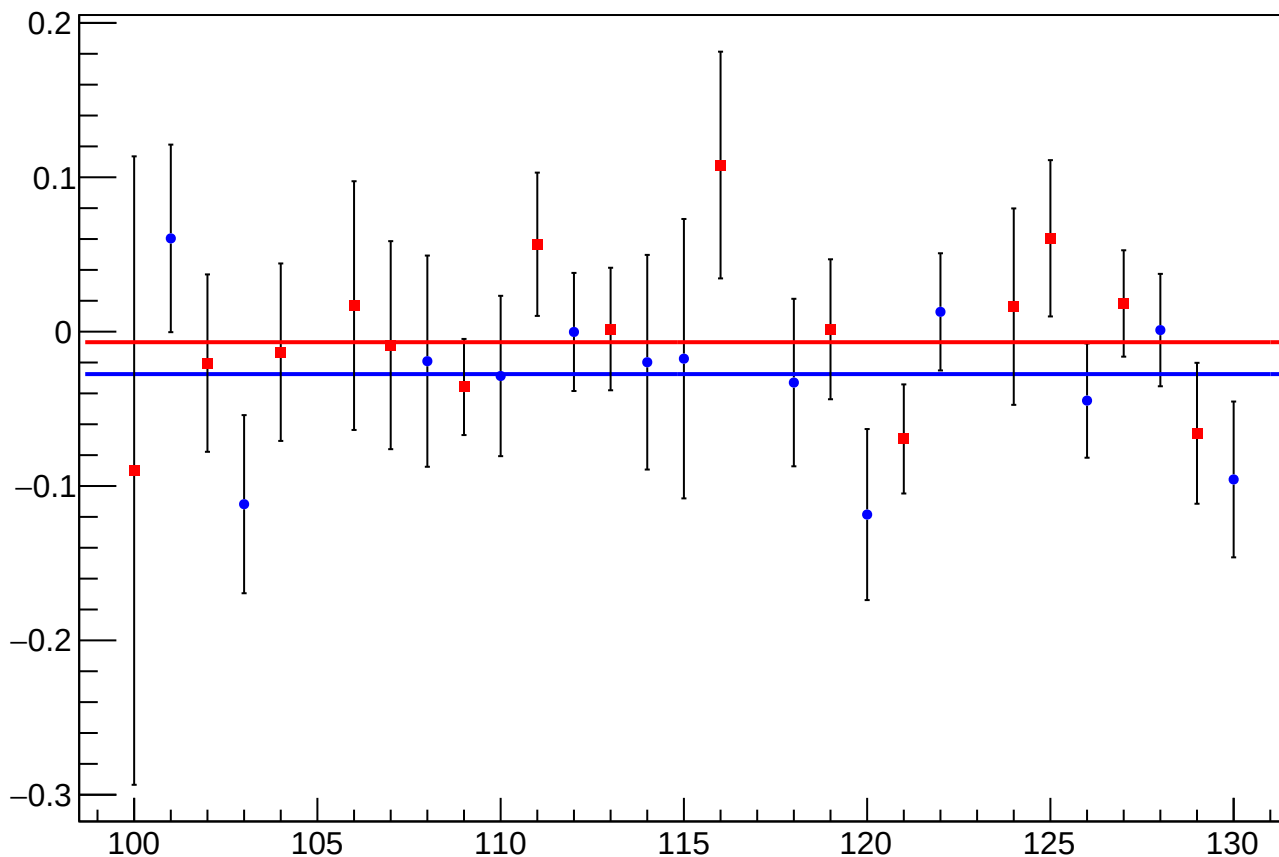
Right: 29.729+/-0.006 χ^2/NDF : 1311067.4/27

In: 30.750+/-0.010 χ^2/NDF : 674668.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.729+/-0.006 χ^2/NDF : 1311067.4/27

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028 $\pm$ 0.014 χ^2 /NDF: 11.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.007 $\pm$ 0.012 χ^2 /NDF: 12.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

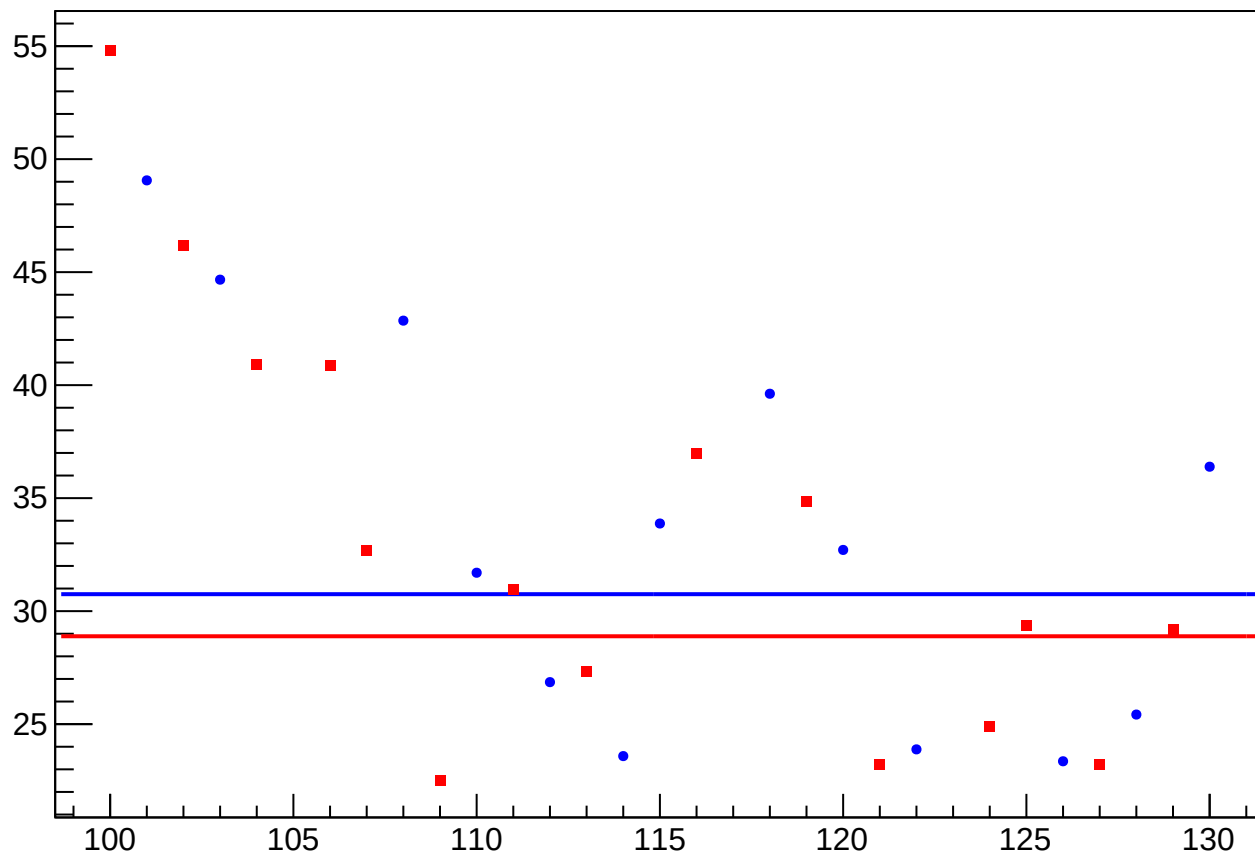
Right: -0.016 $\pm$ 0.009 χ^2 /NDF: 25.4/27

In: -0.028 $\pm$ 0.014 χ^2 /NDF:11.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.016 $\pm$ 0.009 χ^2 /NDF: 25.4/27

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.750+/-0.010 χ^2/NDF : 674668.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.888+/-0.009 χ^2/NDF : 615834.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

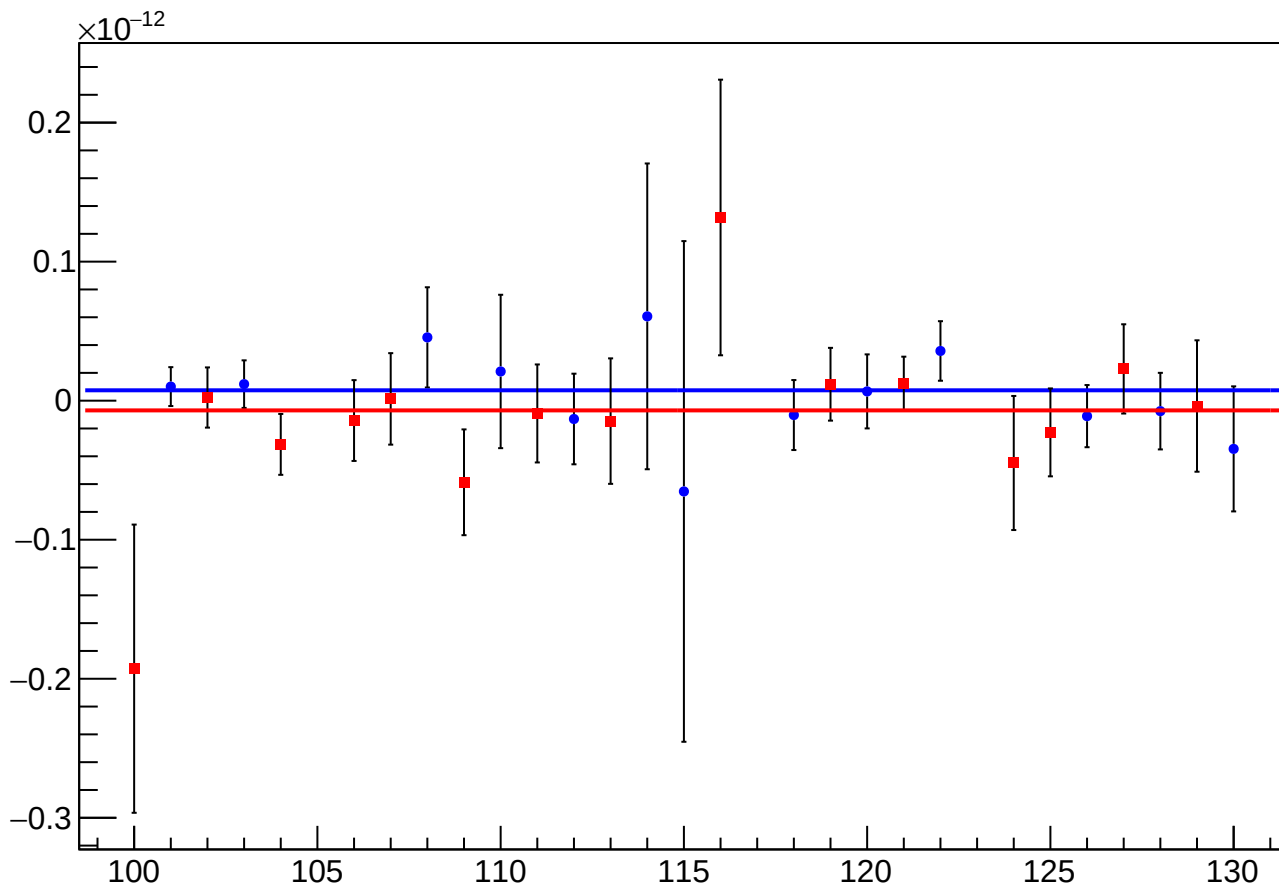
Right: 29.729+/-0.006 χ^2/NDF : 1311067.4/27

In: 30.750+/-0.010 χ^2/NDF : 674668.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.729+/-0.006 χ^2/NDF : 1311067.4/27

asym_sam_15_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

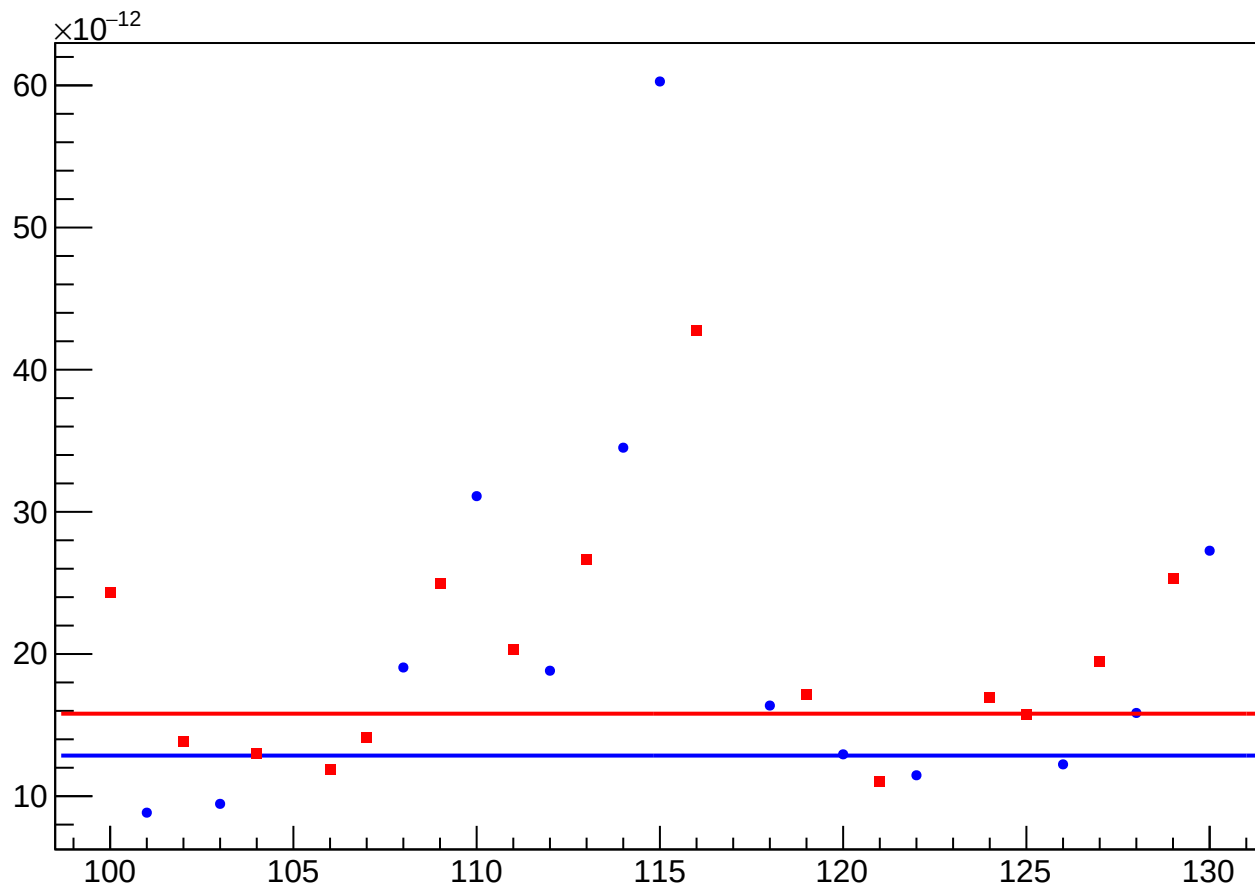
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.8/27

In: 0.000 $\pm$ 0.000 χ^2 /NDF:6.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.8/27

asym_sam_15_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1083207.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 752806.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

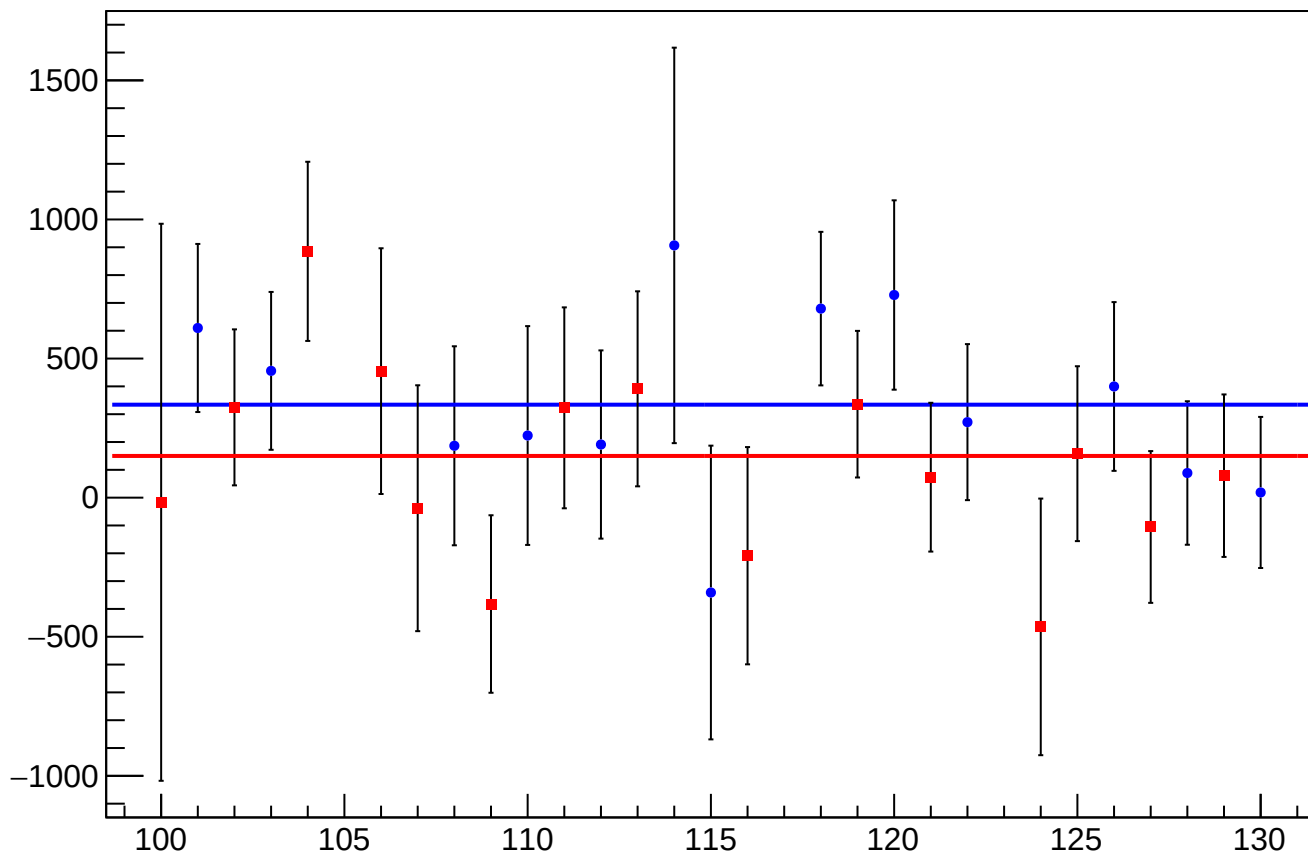
Right: 0.000+/-0.000 χ^2/NDF : 1986429.5/27

In: 0.000+/-0.000 χ^2/NDF : 1083207.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1986429.5/27

reg_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 334.199 $\pm$ 89.120 χ^2 /NDF: 9.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 149.920 $\pm$ 86.331 χ^2 /NDF: 13.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

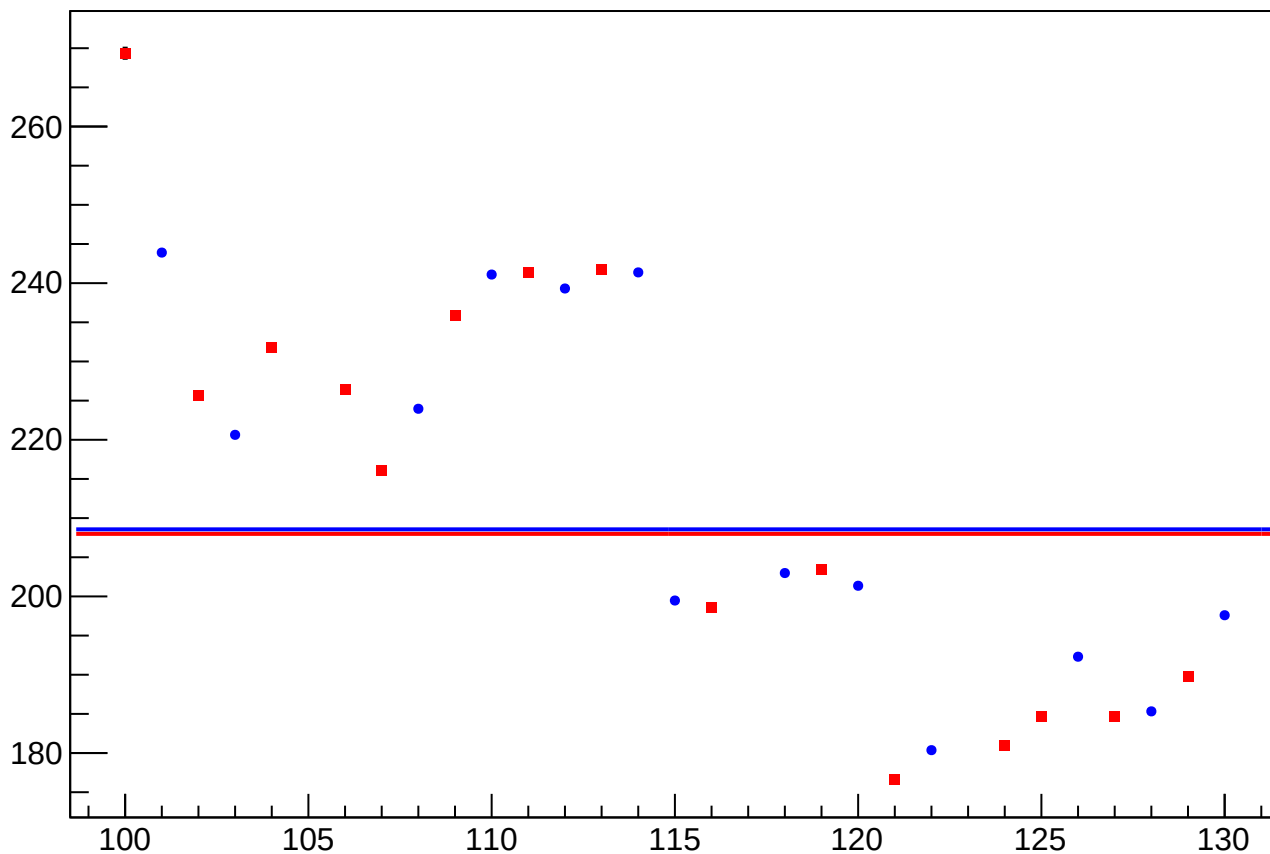
Right: 239.130 $\pm$ 62.008 χ^2 /NDF: 25.1/27

In: 334.199 $\pm$ 89.120 χ^2 /NDF:9.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 239.130 $\pm$ 62.008 χ^2 /NDF: 25.1/27

reg_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 208.564 $\pm$ 0.063 χ^2 /NDF: 116932.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 207.986 $\pm$ 0.061 χ^2 /NDF: 150947.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

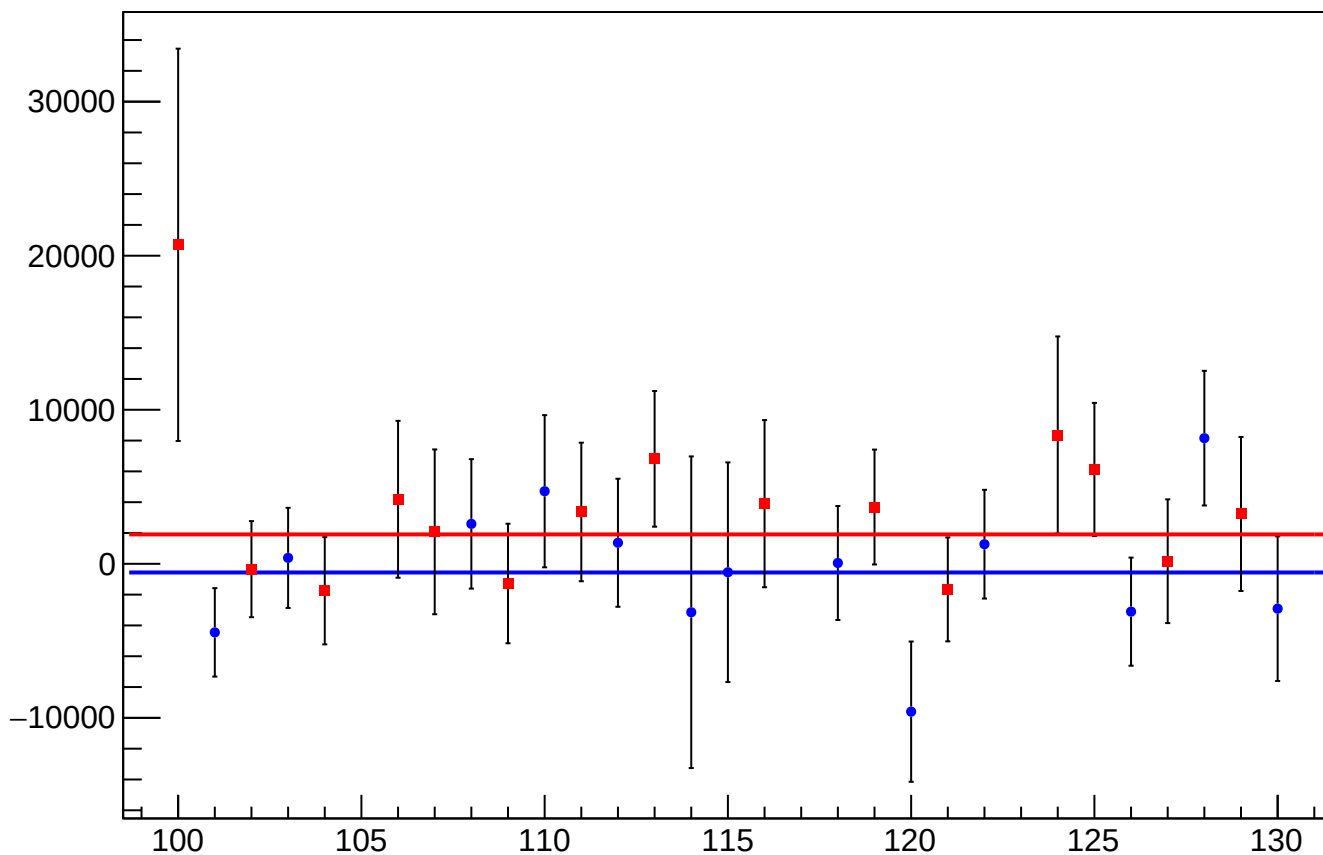
Right: 208.266 $\pm$ 0.044 χ^2 /NDF: 267924.2/27

In: 208.564 $\pm$ 0.063 χ^2 /NDF: 116932.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 208.266 $\pm$ 0.044 χ^2 /NDF: 267924.2/27

asym_sam_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -562.465+/-1131.256 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1909.346+/-1113.747 χ^2/NDF : 9.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

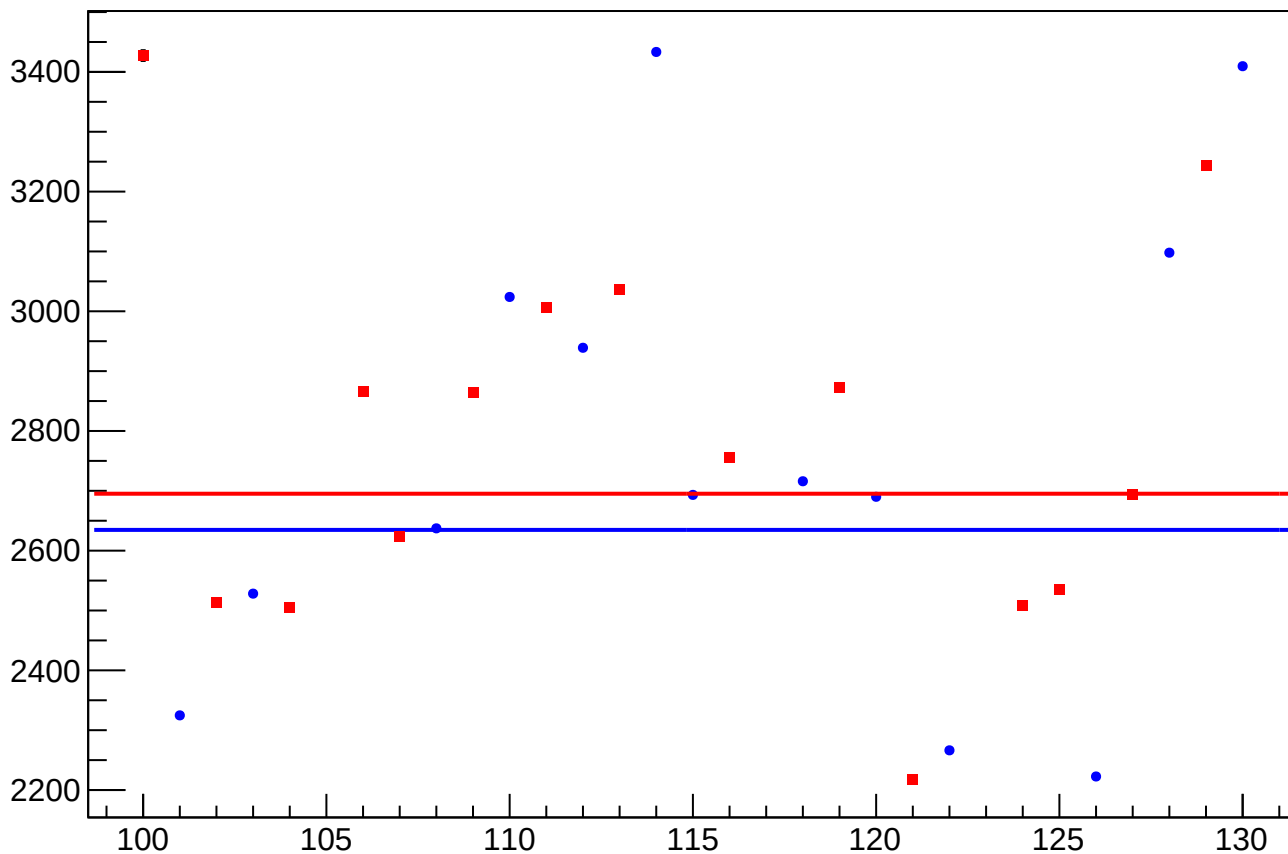
Right: 692.717+/-793.656 χ^2/NDF : 25.1/27

In: -562.465+/-1131.256 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 692.717+/-793.656 χ^2/NDF : 25.1/27

asym_sam_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2634.690+/-0.800 χ^2/NDF : 188758.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2695.141+/-0.788 χ^2/NDF : 120760.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

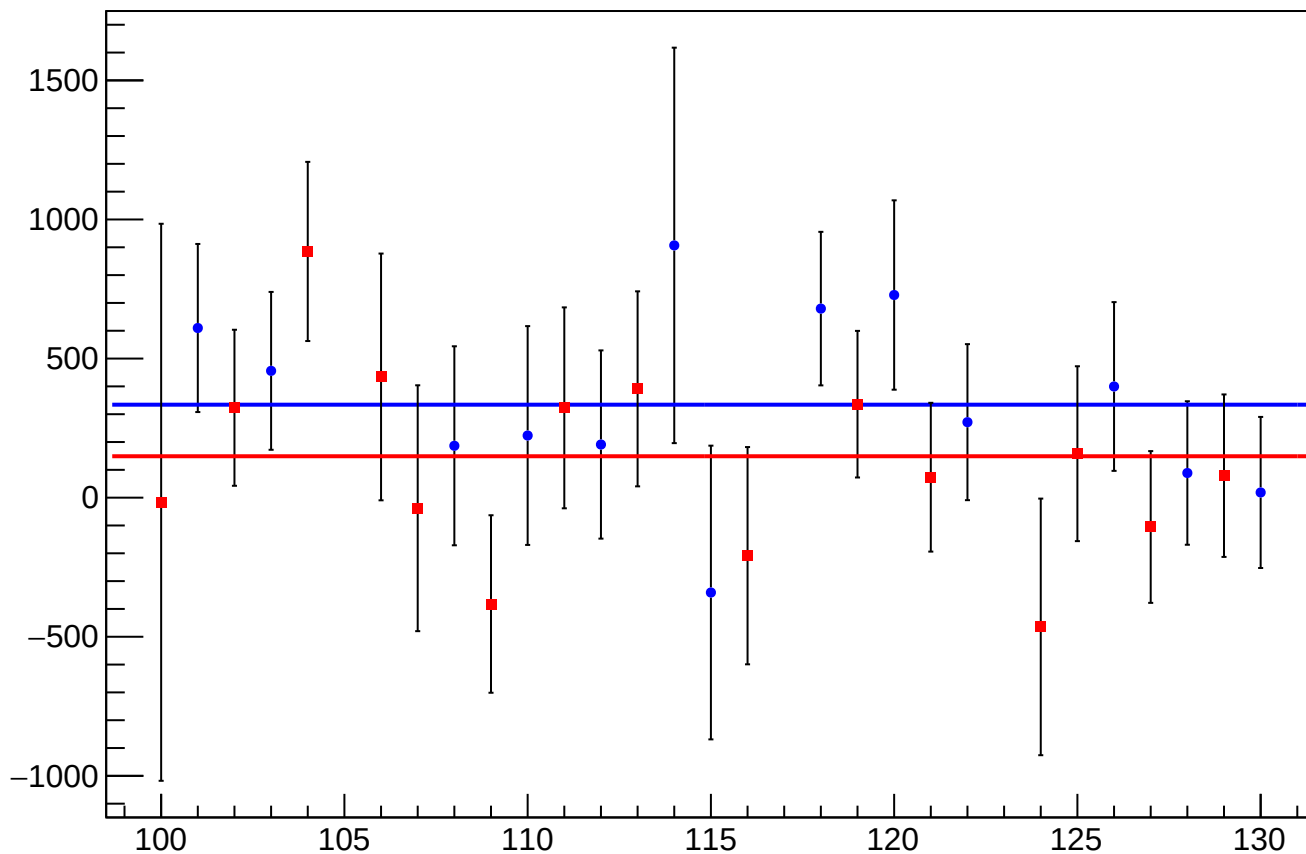
Right: 2665.387+/-0.561 χ^2/NDF : 312418.9/27

In: 2634.690+/-0.800 χ^2/NDF : 188758.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2665.387+/-0.561 χ^2/NDF : 312418.9/27

cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 334.215 $\pm$ 89.121 χ^2 /NDF: 9.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 148.873 $\pm$ 86.347 χ^2 /NDF: 13.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

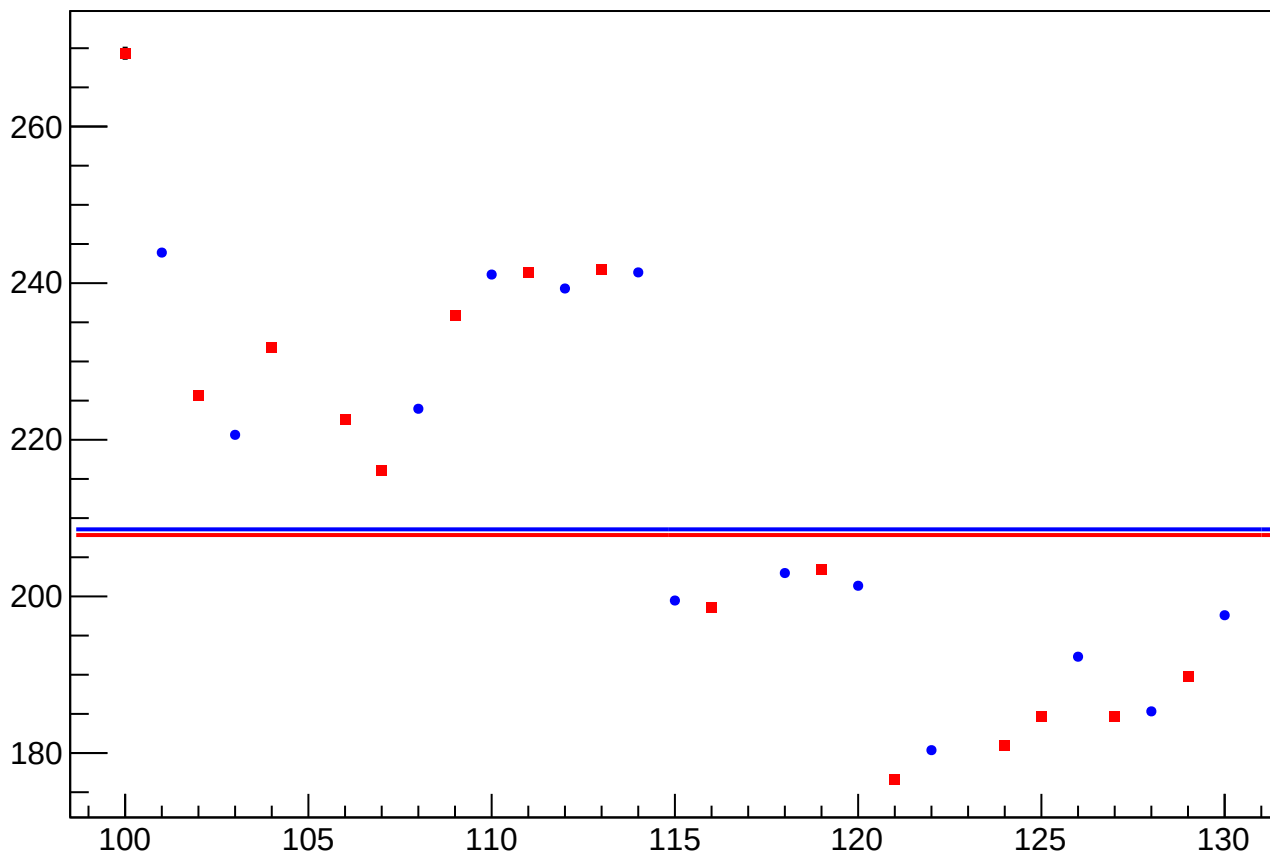
Right: 238.615 $\pm$ 62.014 χ^2 /NDF: 25.1/27

In: 334.215 $\pm$ 89.121 χ^2 /NDF:9.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 238.615 $\pm$ 62.014 χ^2 /NDF: 25.1/27

cor_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 208.564+/-0.063 χ^2/NDF : 116933.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 207.836+/-0.061 χ^2/NDF : 149646.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

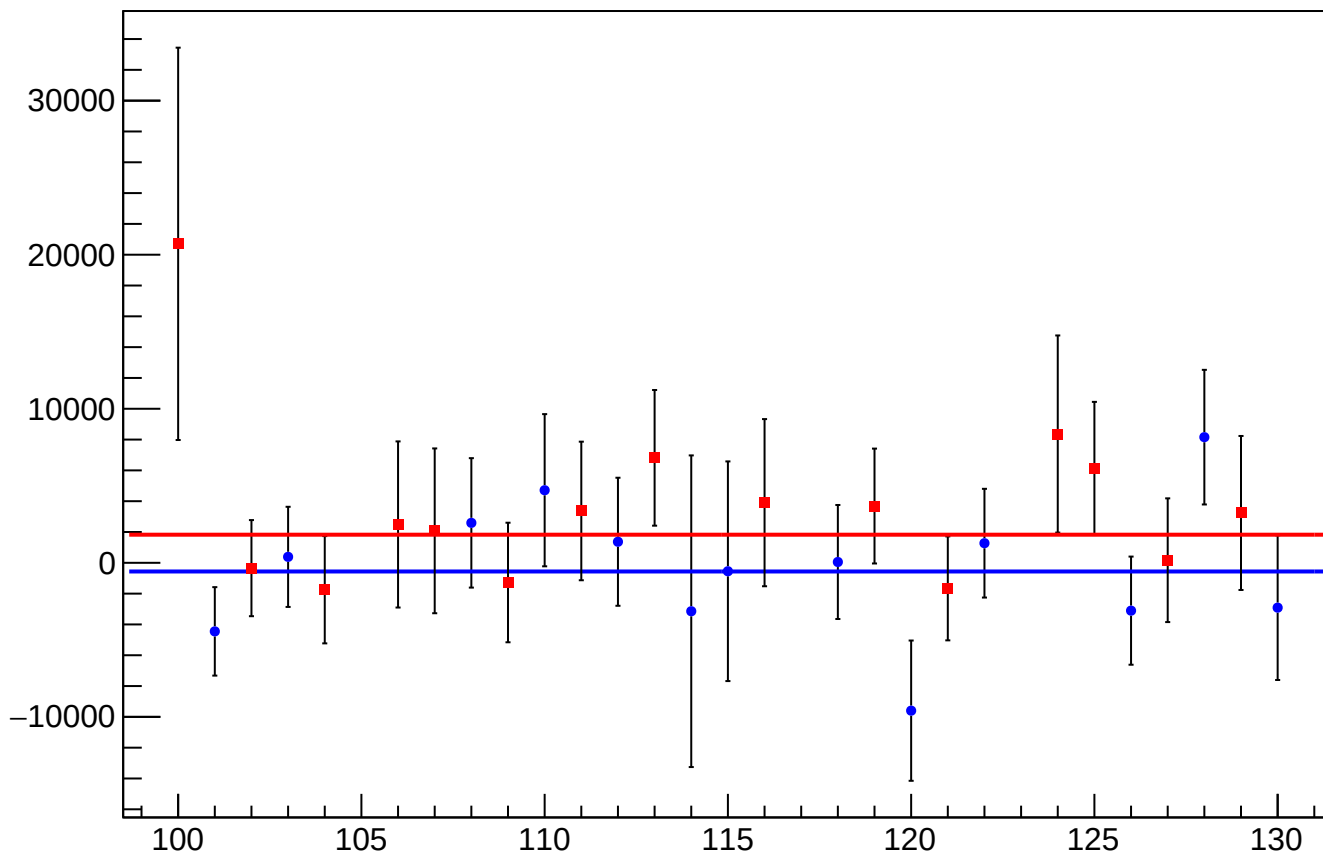
Right: 208.189+/-0.044 χ^2/NDF : 266648.5/27

In: 208.564+/-0.063 χ^2/NDF : 116933.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 208.189+/-0.044 χ^2/NDF : 266648.5/27

asym_sam_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -562.375+/-1131.259 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1825.027+/-1116.707 χ^2/NDF : 9.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

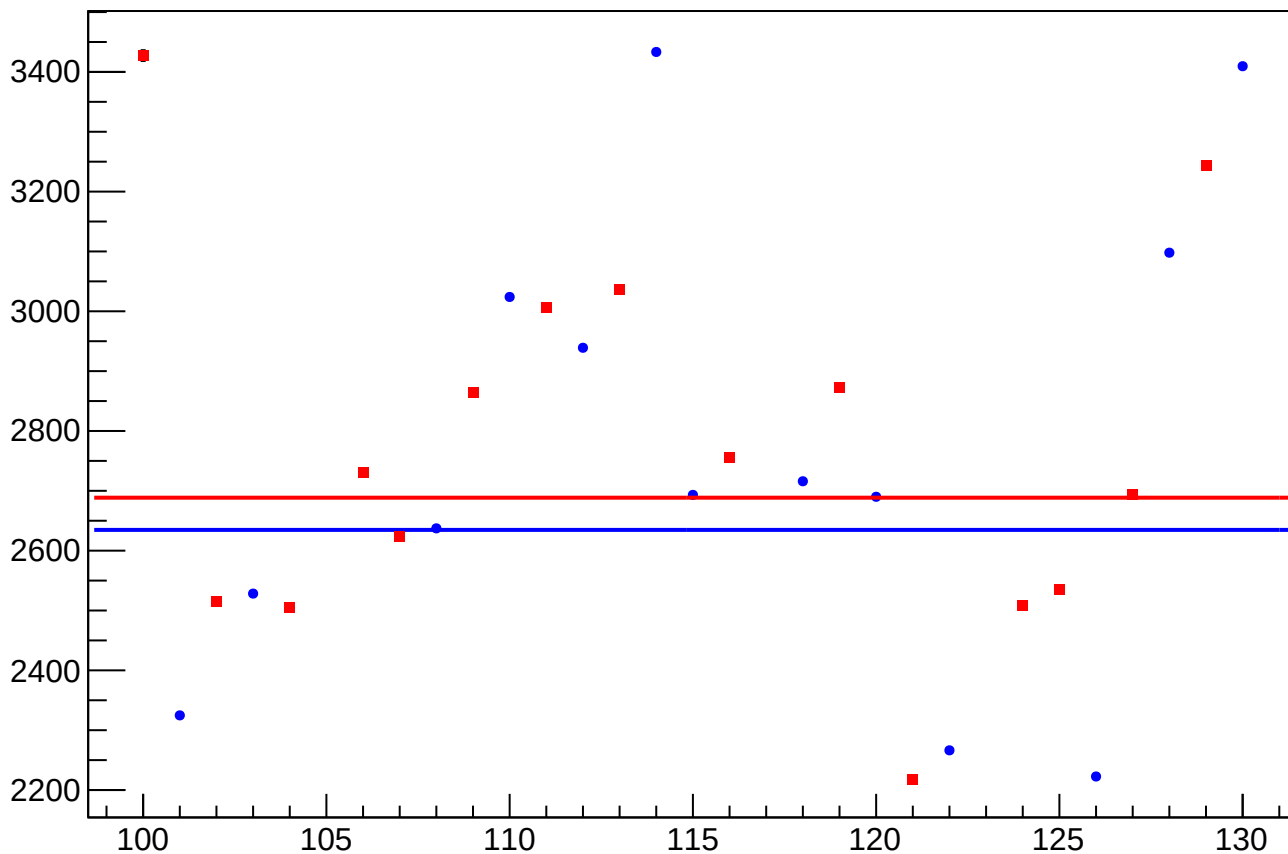
Right: 646.780+/-794.726 χ^2/NDF : 24.7/27

In: -562.375+/-1131.259 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 646.780+/-794.726 χ^2/NDF : 24.7/27

asym_sam_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2634.698+/-0.800 χ^2/NDF : 188755.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2688.532+/-0.790 χ^2/NDF : 118428.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

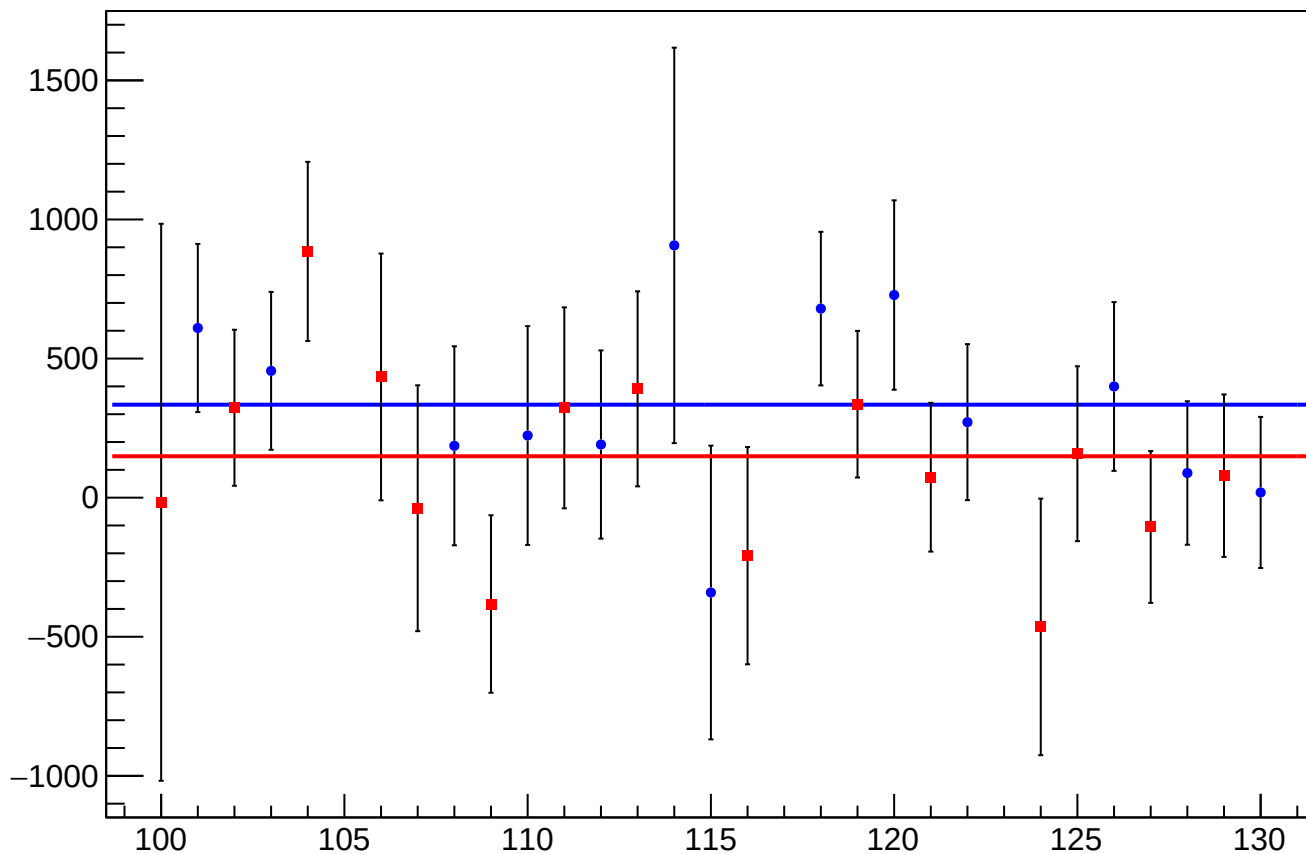
Right: 2661.963+/-0.562 χ^2/NDF : 309478.6/27

In: 2634.698+/-0.800 χ^2/NDF : 188755.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2661.963+/-0.562 χ^2/NDF : 309478.6/27

eigen_cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 334.215 $\pm$ 89.121 χ^2 /NDF: 9.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 148.873 $\pm$ 86.347 χ^2 /NDF: 13.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

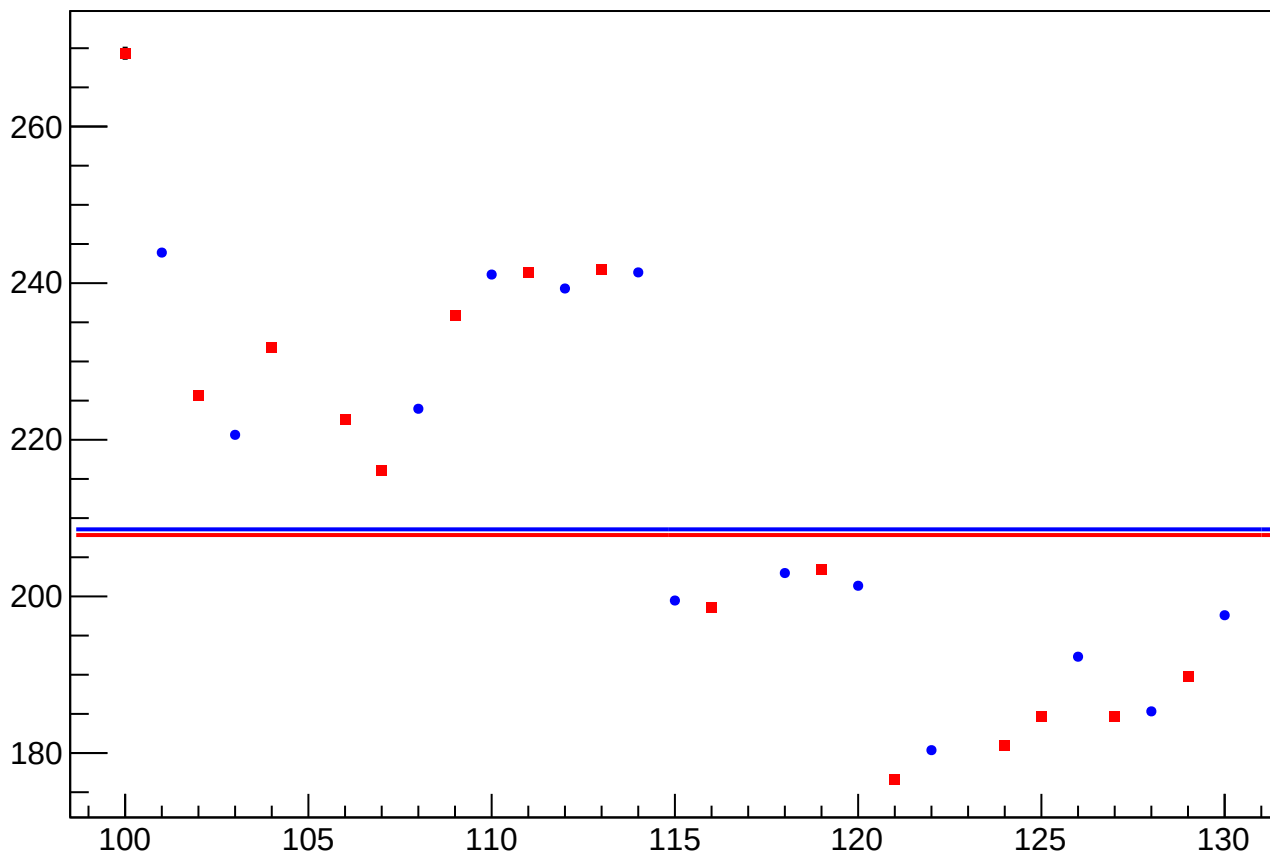
Right: 238.615 $\pm$ 62.014 χ^2 /NDF: 25.1/27

In: 334.215 $\pm$ 89.121 χ^2 /NDF:9.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 238.615 $\pm$ 62.014 χ^2 /NDF: 25.1/27

eigen_cor_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 208.564+/-0.063 χ^2/NDF : 116933.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 207.836+/-0.061 χ^2/NDF : 149646.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

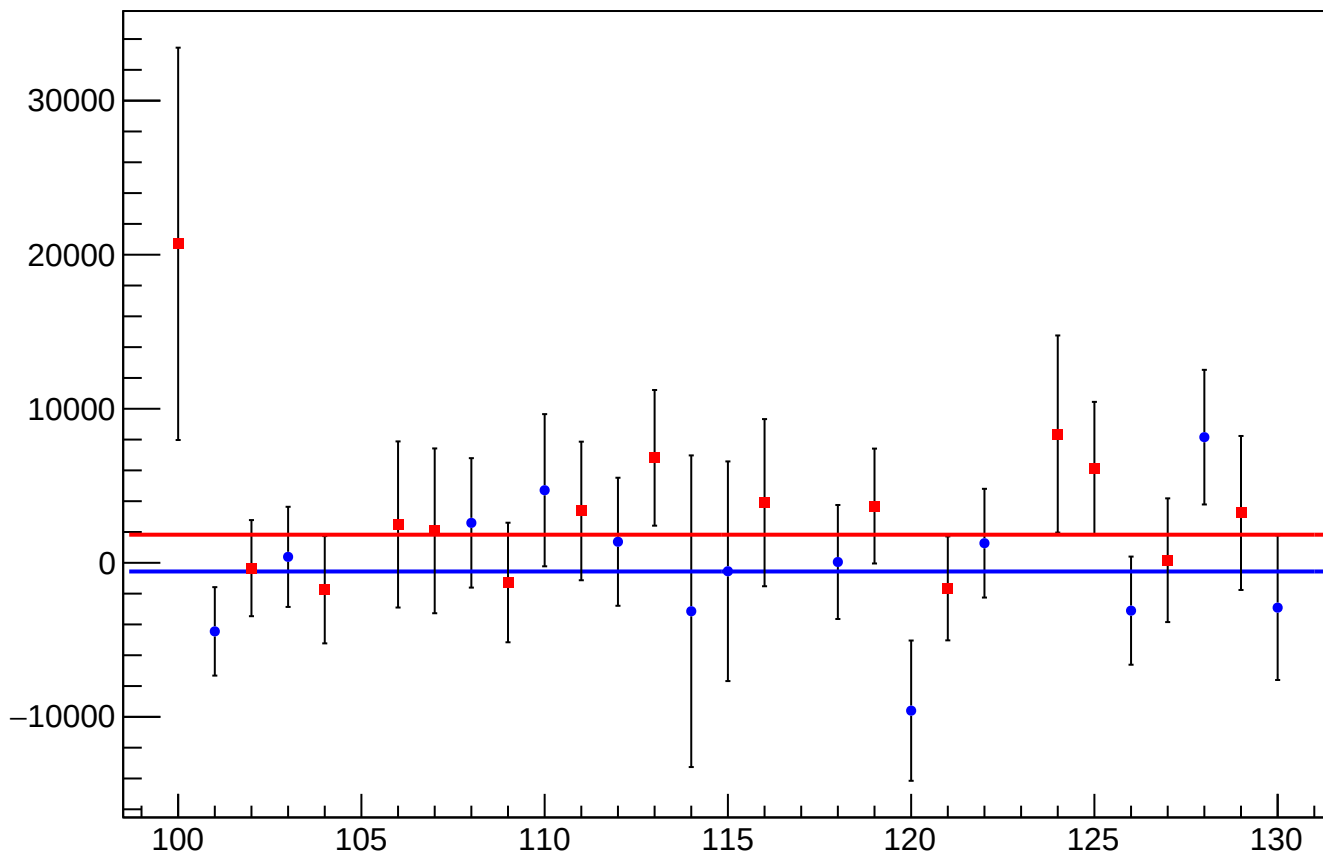
Right: 208.189+/-0.044 χ^2/NDF : 266648.5/27

In: 208.564+/-0.063 χ^2/NDF : 116933.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 208.189+/-0.044 χ^2/NDF : 266648.5/27

asym_sam_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -562.375+/-1131.259 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1825.027+/-1116.707 χ^2/NDF : 9.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

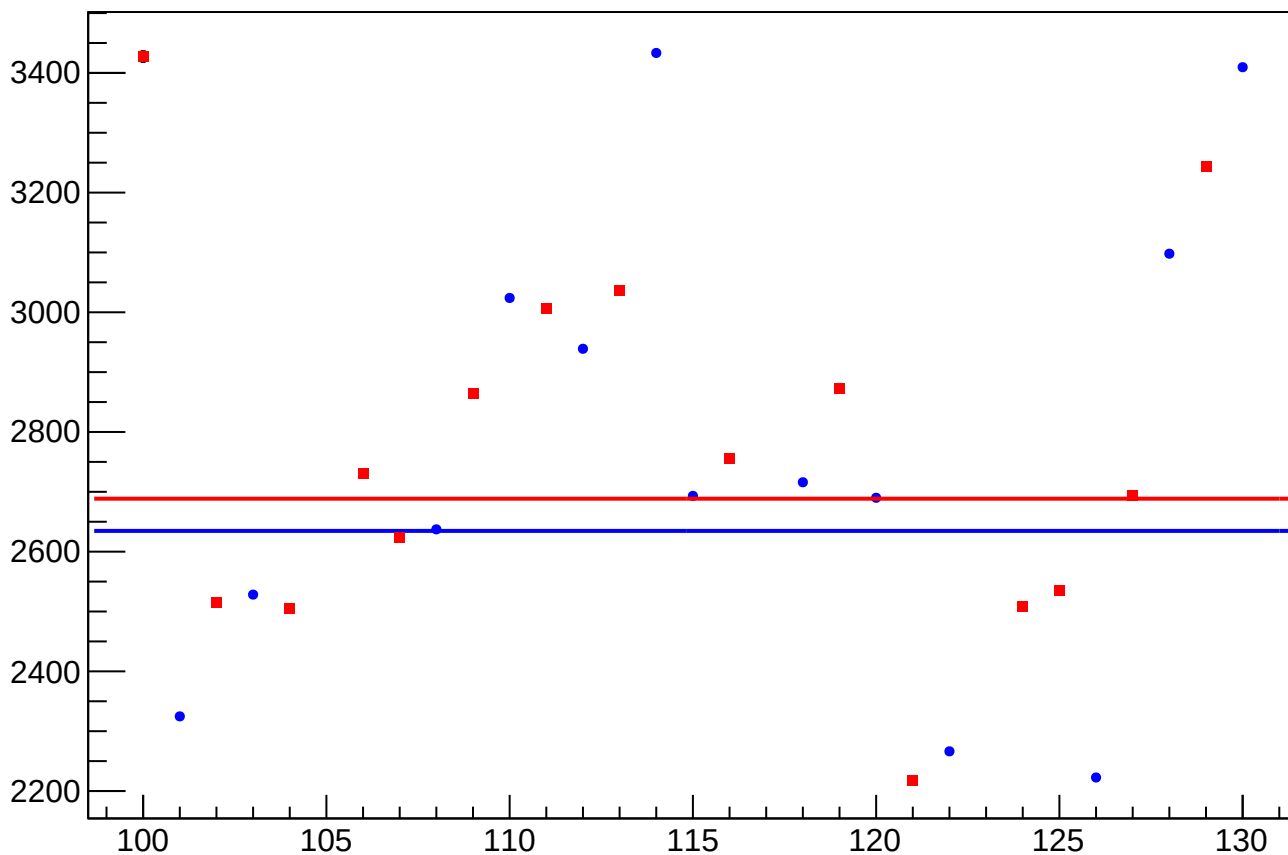
Right: 646.780+/-794.726 χ^2/NDF : 24.7/27

In: -562.375+/-1131.259 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 646.780+/-794.726 χ^2/NDF : 24.7/27

asym_sam_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2634.698+/-0.800 χ^2/NDF : 188755.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2688.532+/-0.790 χ^2/NDF : 118428.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

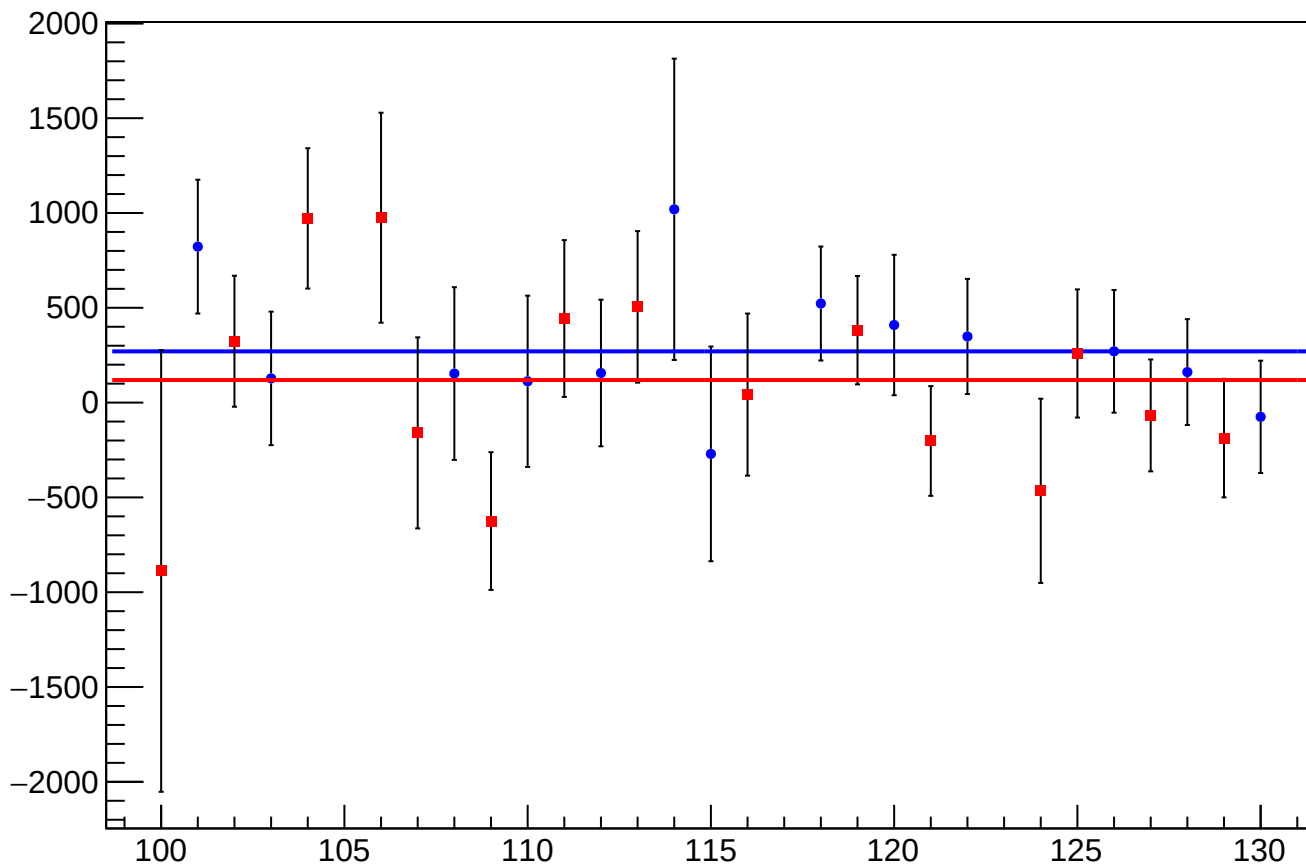
Right: 2661.963+/-0.562 χ^2/NDF : 309478.6/27

In: 2634.698+/-0.800 χ^2/NDF : 188755.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2661.963+/-0.562 χ^2/NDF : 309478.6/27

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 270.241 $\pm$ 99.888 χ^2 /NDF: 7.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 118.982 $\pm$ 96.358 χ^2 /NDF: 19.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

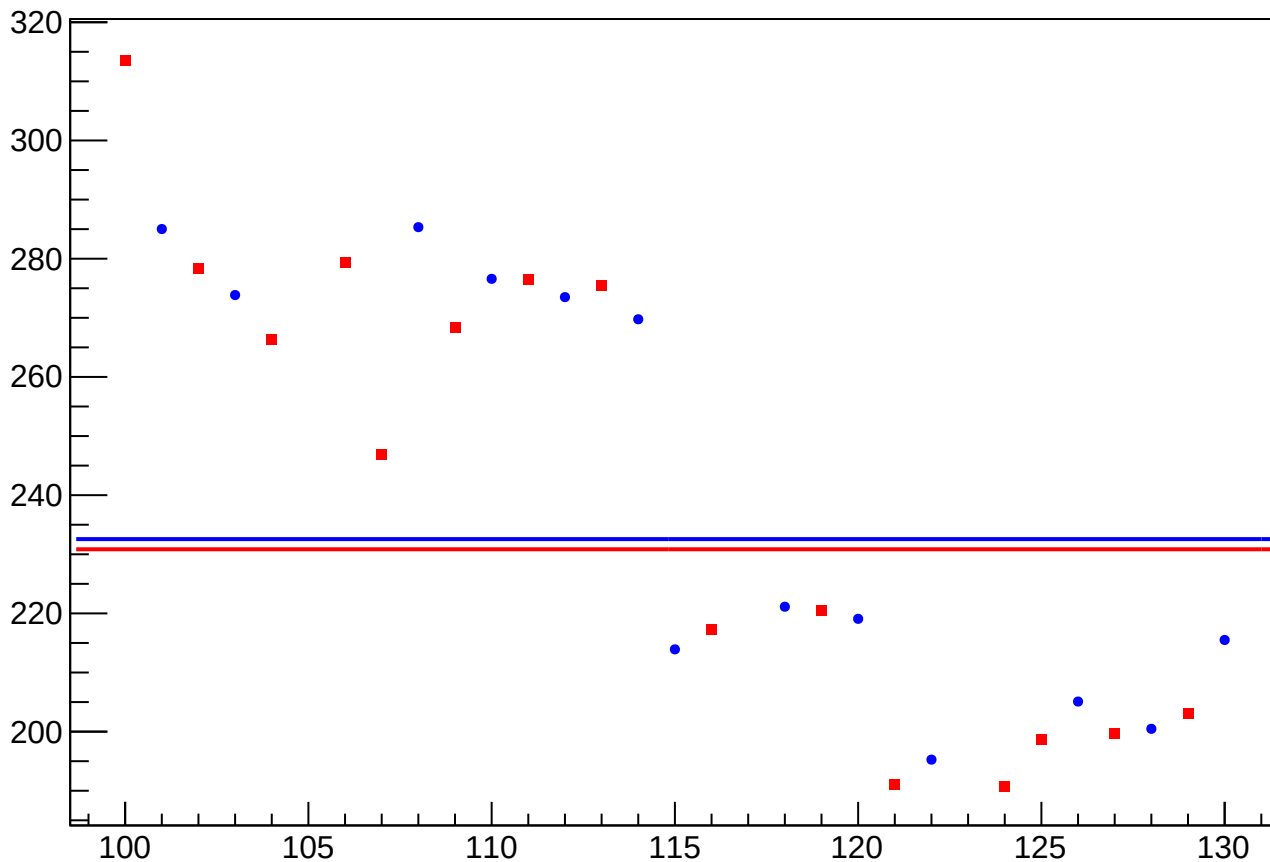
Right: 191.892 $\pm$ 69.350 χ^2 /NDF: 28.2/27

In: 270.241 $\pm$ 99.888 χ^2 /NDF:7.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 191.892 $\pm$ 69.350 χ^2 /NDF: 28.2/27

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 232.570+/-0.071 χ^2/NDF : 229781.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 230.846+/-0.068 χ^2/NDF : 266578.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

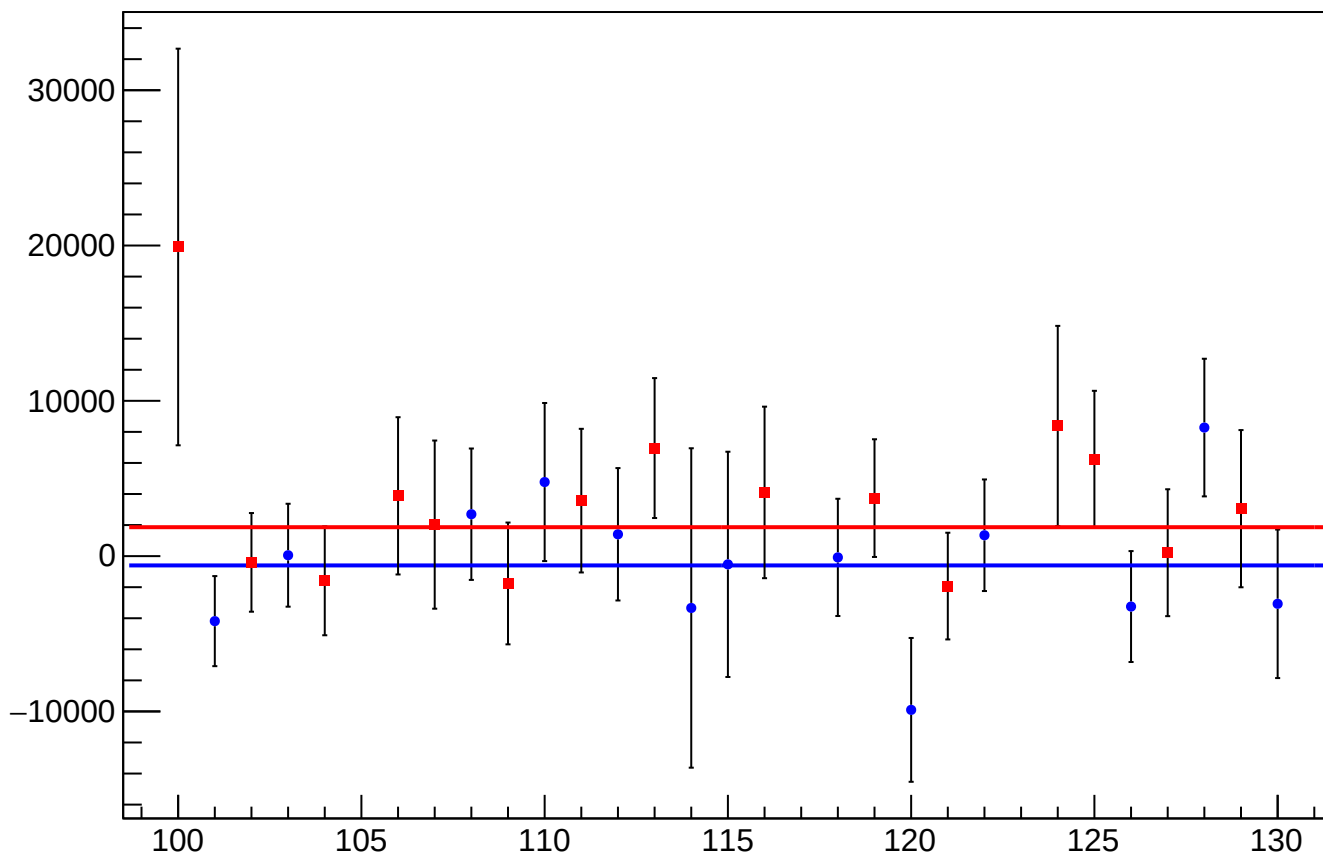
Right: 231.677+/-0.049 χ^2/NDF : 496668.9/27

In: 232.570+/-0.071 χ^2/NDF : 229781.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 231.677+/-0.049 χ^2/NDF : 496668.9/27

asym_sam_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -598.398+/-1150.611 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1863.036+/-1130.335 χ^2/NDF : 9.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

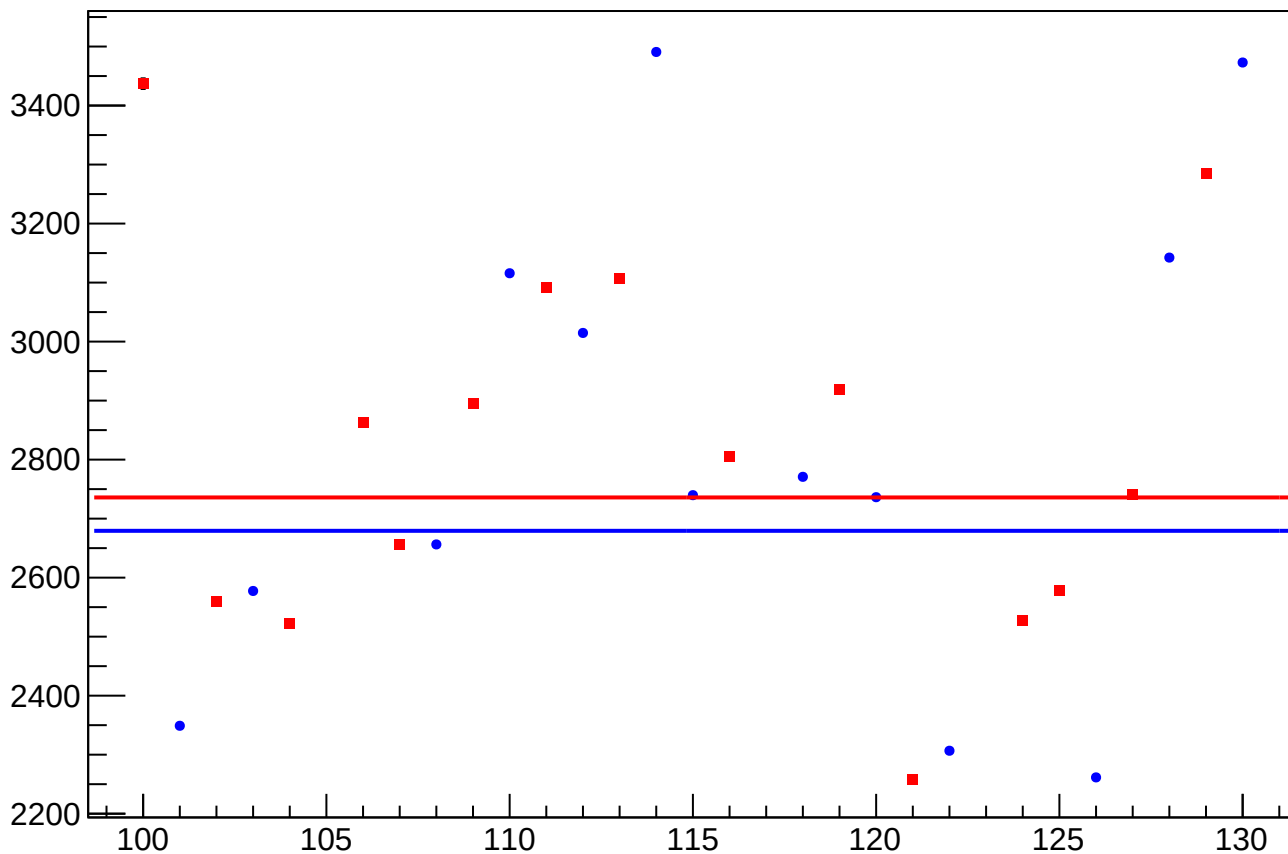
Right: 654.198+/-806.341 χ^2/NDF : 24.9/27

In: -598.398+/-1150.611 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 654.198+/-806.341 χ^2/NDF : 24.9/27

asym_sam_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2679.340+/-0.814 χ^2/NDF : 194887.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2735.899+/-0.799 χ^2/NDF : 121742.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

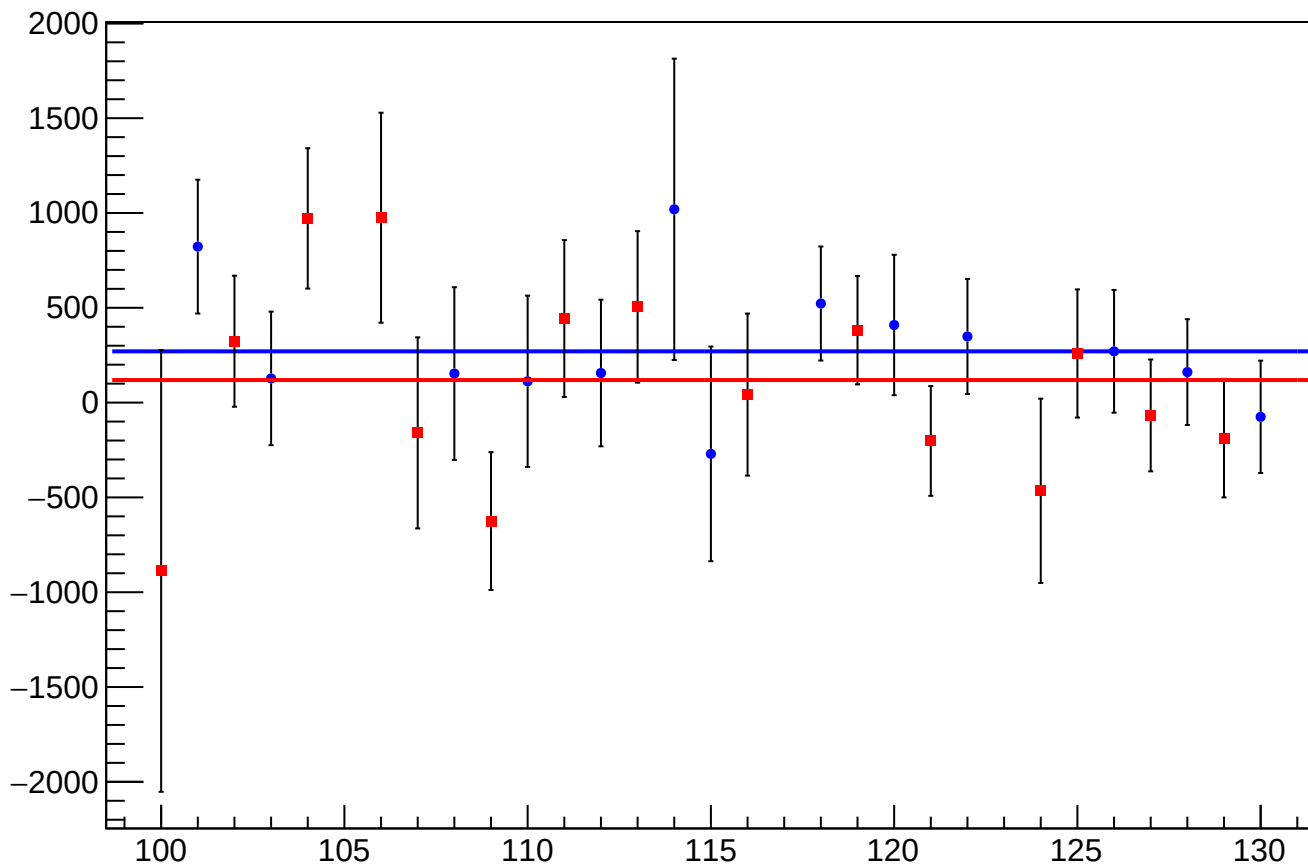
Right: 2708.122+/-0.570 χ^2/NDF : 319088.7/27

In: 2679.340+/-0.814 χ^2/NDF : 194887.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2708.122+/-0.570 χ^2/NDF : 319088.7/27

eigen_dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 270.238 $\pm$ 99.887 χ^2 /NDF: 7.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 118.978 $\pm$ 96.357 χ^2 /NDF: 19.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

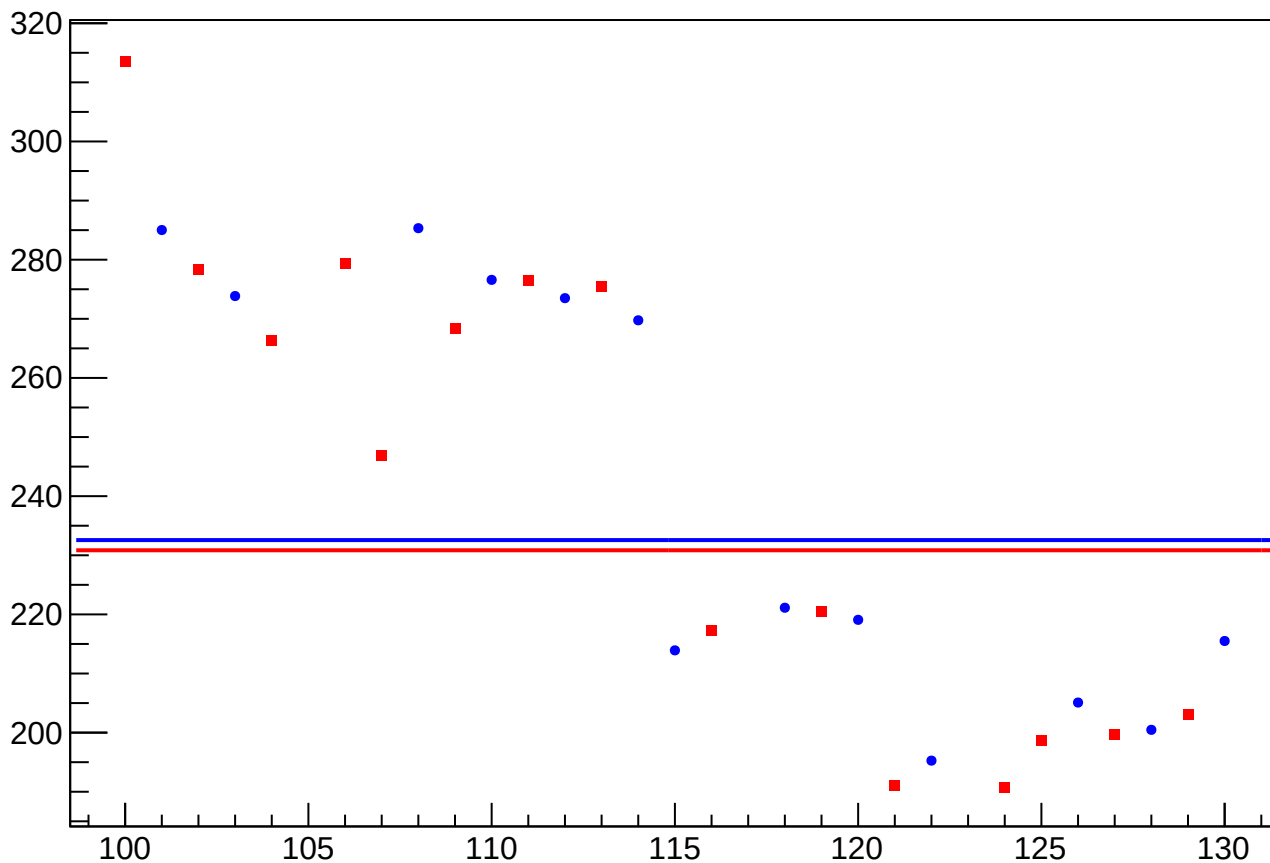
Right: 191.888 $\pm$ 69.349 χ^2 /NDF: 28.2/27

In: 270.238 $\pm$ 99.887 χ^2 /NDF:7.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 191.888 $\pm$ 69.349 χ^2 /NDF: 28.2/27

eigen_dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 232.569+/-0.071 χ^2/NDF : 229780.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 230.845+/-0.068 χ^2/NDF : 266573.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

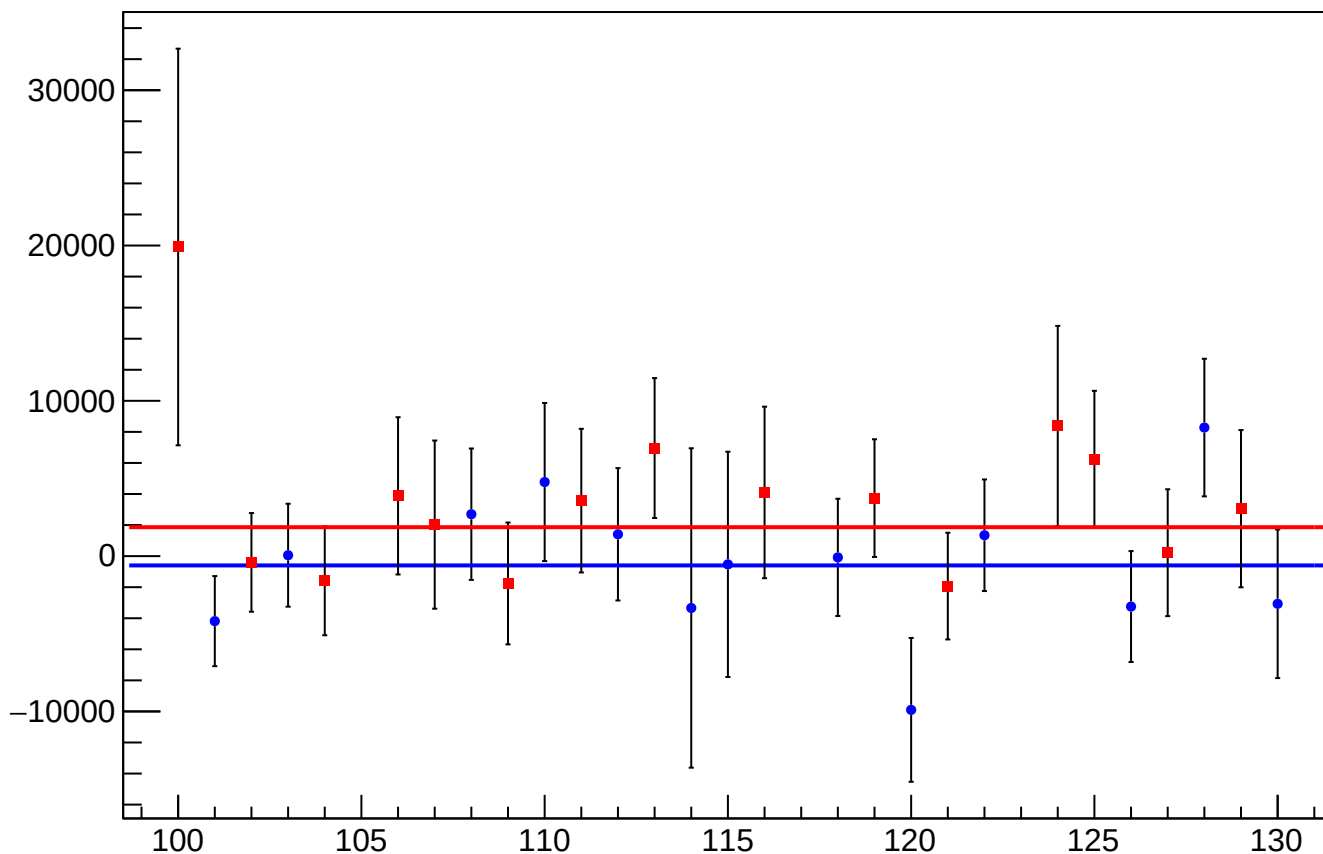
Right: 231.676+/-0.049 χ^2/NDF : 496662.4/27

In: 232.569+/-0.071 χ^2/NDF : 229780.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 231.676+/-0.049 χ^2/NDF : 496662.4/27

asym_sam_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -598.396+/-1150.609 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1863.030+/-1130.332 χ^2/NDF : 9.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

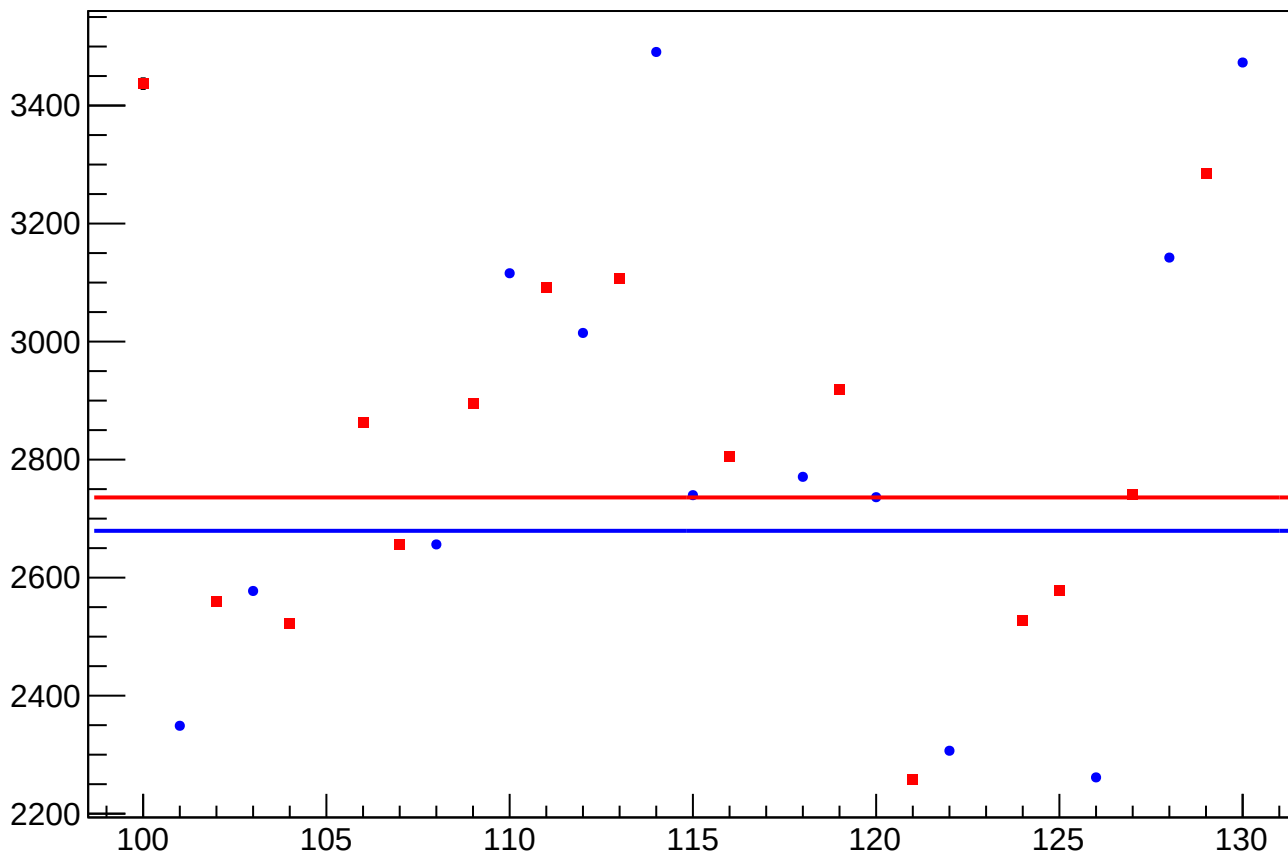
Right: 654.196+/-806.339 χ^2/NDF : 24.9/27

In: -598.396+/-1150.609 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 654.196+/-806.339 χ^2/NDF : 24.9/27

asym_sam_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2679.334+/-0.814 χ^2/NDF : 194883.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2735.893+/-0.799 χ^2/NDF : 121740.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

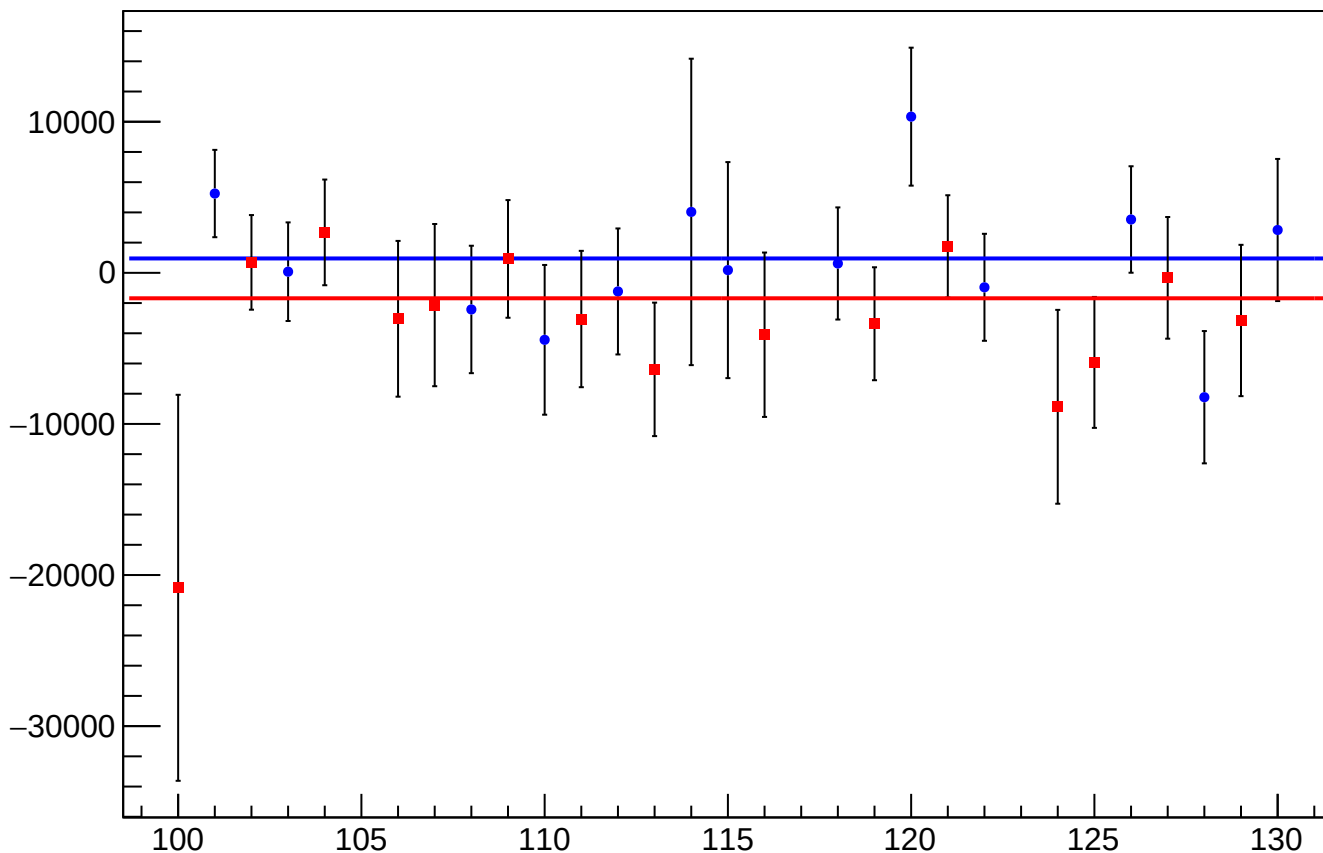
Right: 2708.116+/-0.570 χ^2/NDF : 319082.7/27

In: 2679.334+/-0.814 χ^2/NDF : 194883.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2708.116+/-0.570 χ^2/NDF : 319082.7/27

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 951.997 $\pm$ 1135.364 χ^2 /NDF: 14.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1684.280 $\pm$ 1117.822 χ^2 /NDF: 10.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

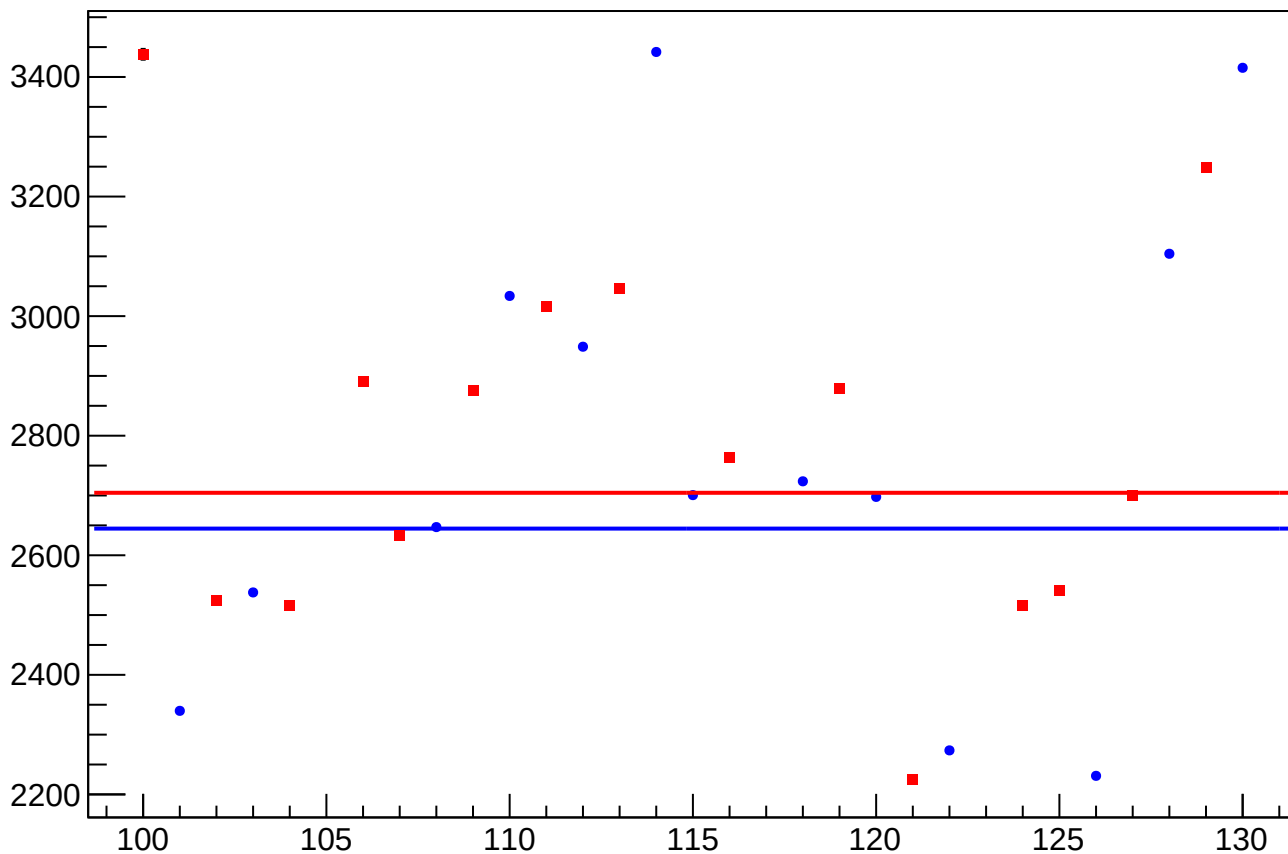
Right: -386.665 $\pm$ 796.549 χ^2 /NDF: 26.8/27

In: 951.997 $\pm$ 1135.364 χ^2 /NDF:14.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -386.665 $\pm$ 796.549 χ^2 /NDF: 26.8/27

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2644.618+/-0.803 χ^2/NDF : 186319.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2704.505+/-0.790 χ^2/NDF : 120356.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

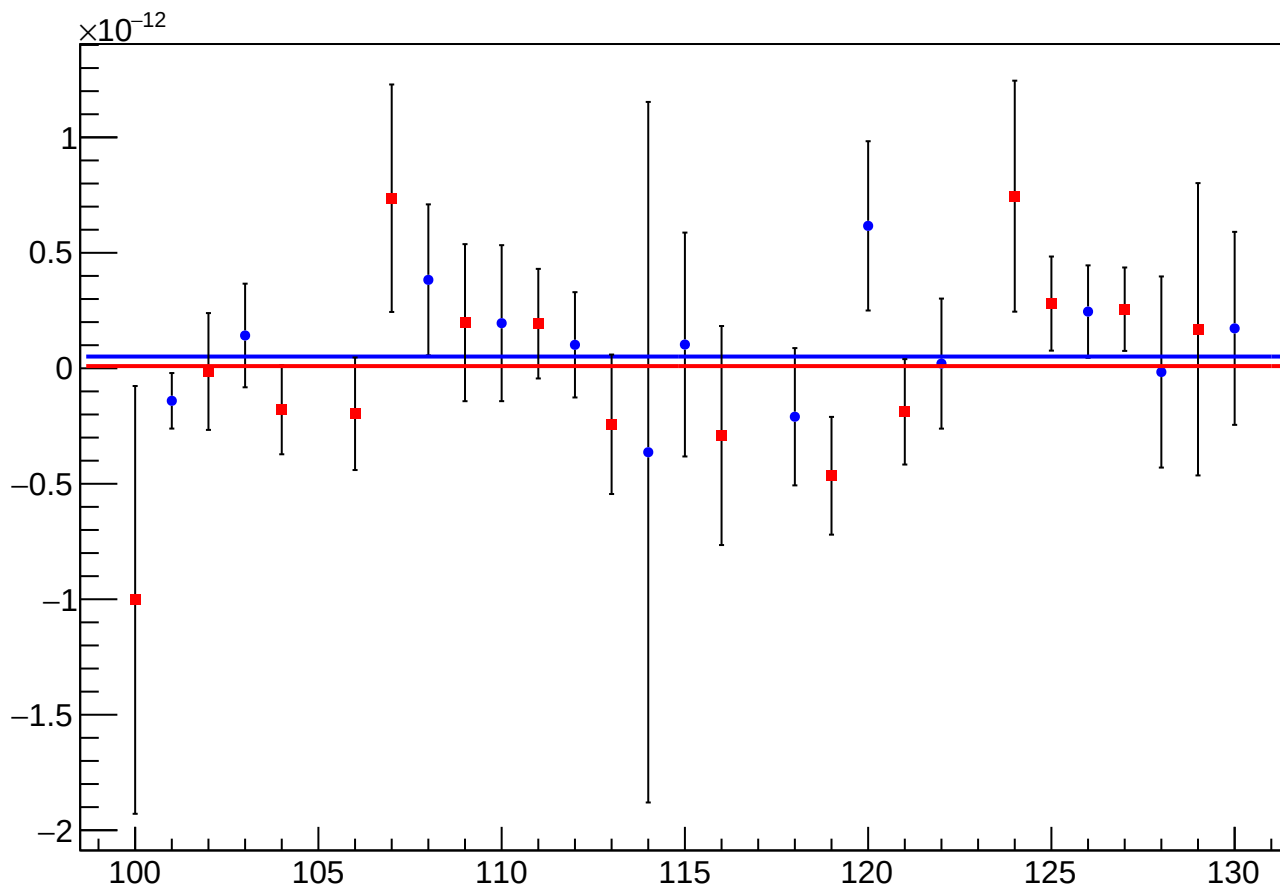
Right: 2675.028+/-0.563 χ^2/NDF : 309500.5/27

In: 2644.618+/-0.803 χ^2/NDF : 186319.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2675.028+/-0.563 χ^2/NDF : 309500.5/27

asym_sam_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

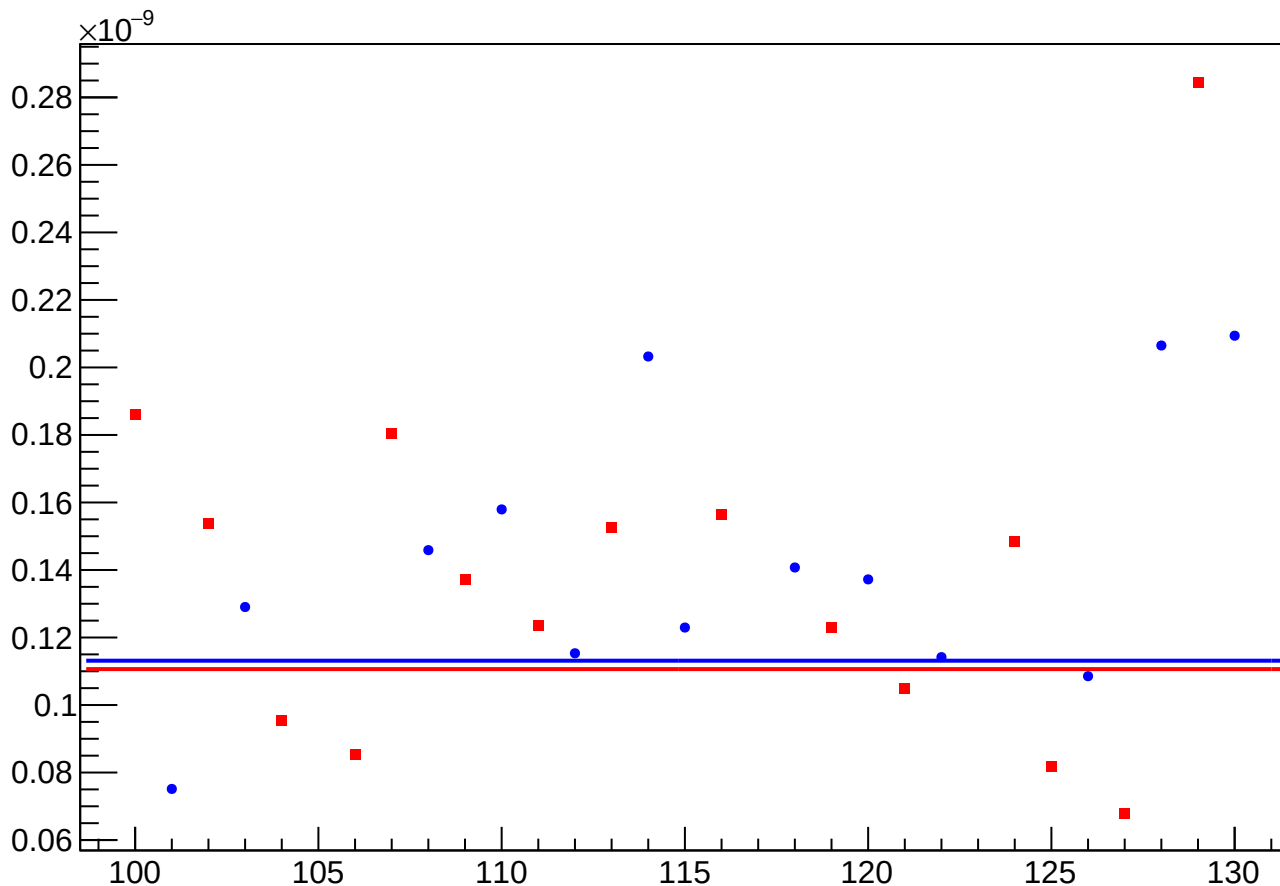
Right: 0.000+/-0.000 χ^2/NDF : 25.6/27

In: 0.000+/-0.000 χ^2/NDF : 8.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.6/27

asym_sam_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 507937.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 541168.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

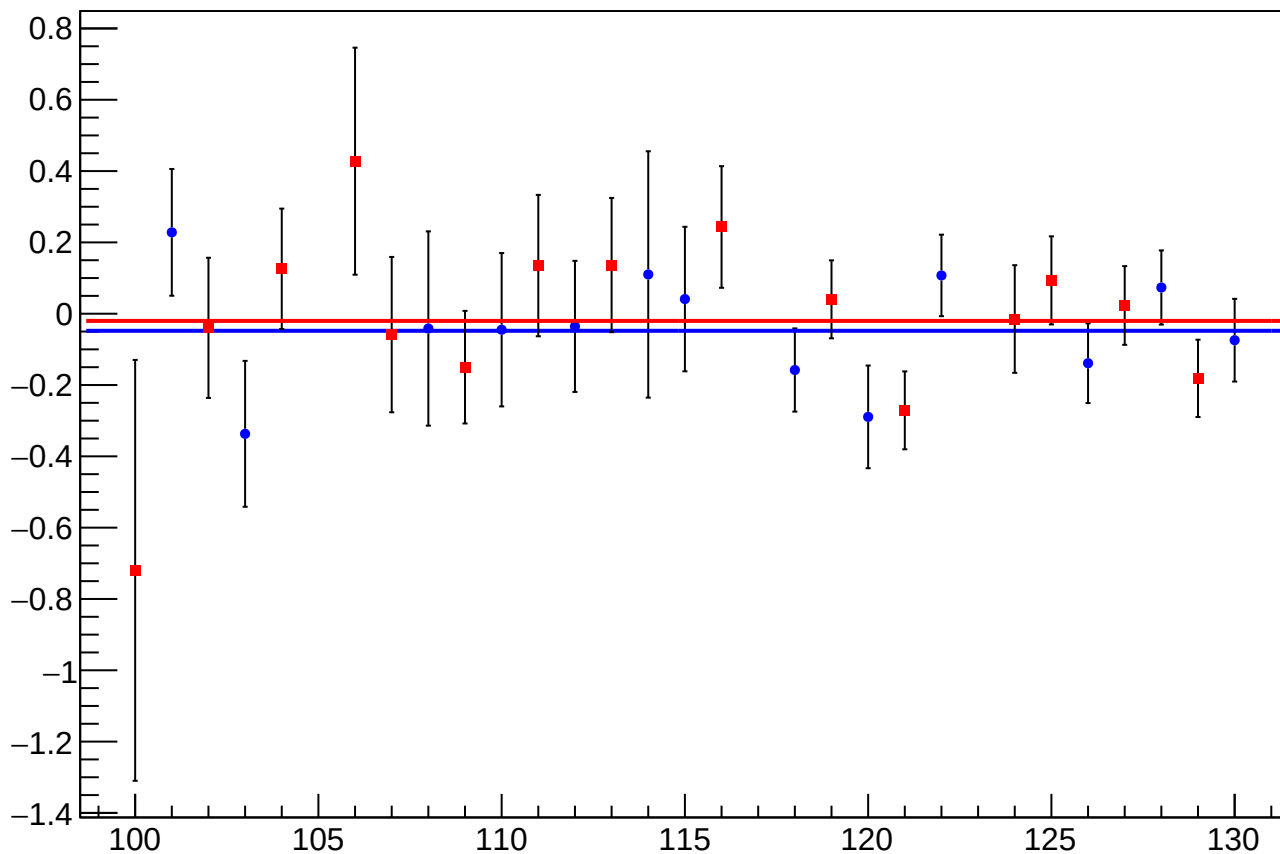
Right: 0.000+/-0.000 χ^2/NDF : 1050347.5/27

In: 0.000+/-0.000 χ^2/NDF : 507937.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1050347.5/27

asym_sam_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.048+/-0.041 χ^2/NDF : 12.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.020+/-0.039 χ^2/NDF : 17.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

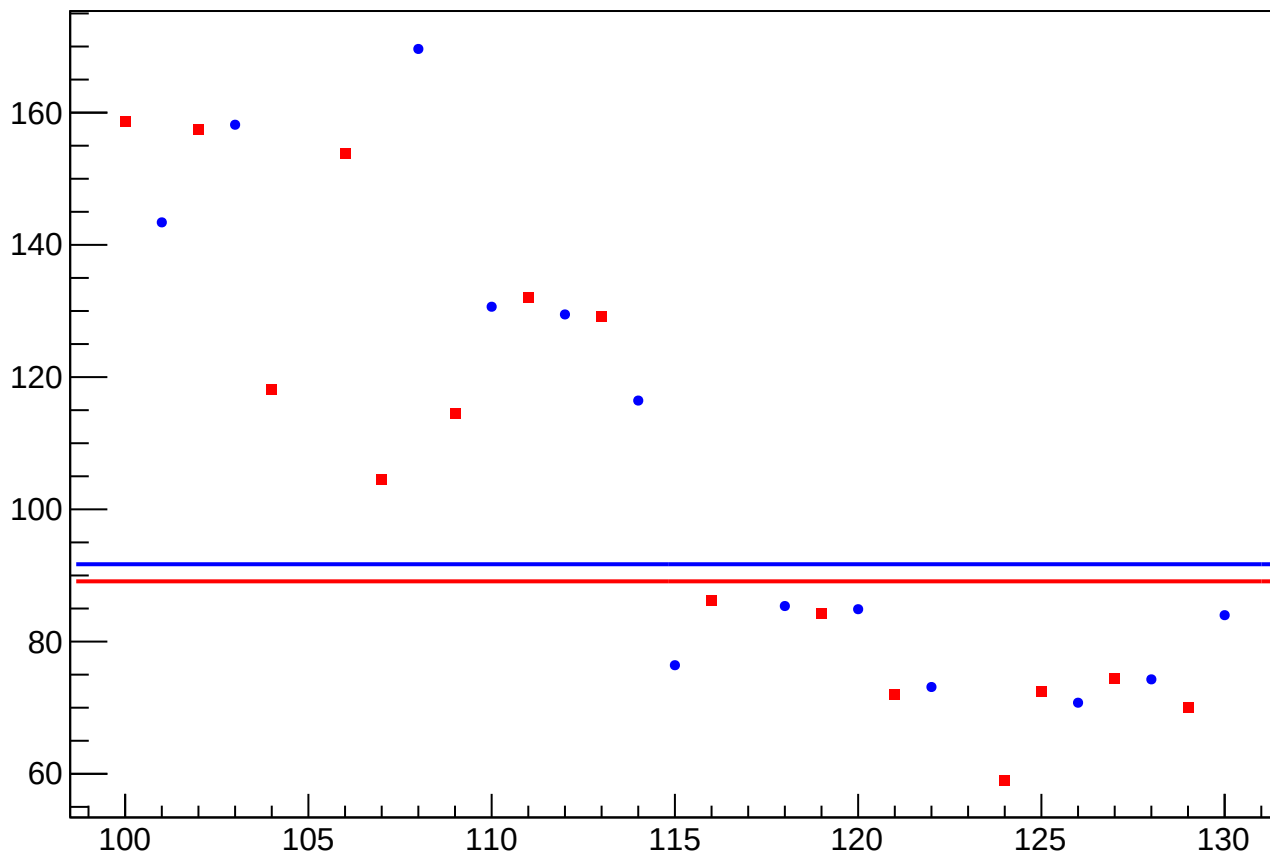
Right: -0.033+/-0.028 χ^2/NDF : 30.0/27

In: -0.048+/-0.041 χ^2/NDF : 12.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.033+/-0.028 χ^2/NDF : 30.0/27

asym_sam_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 91.698 $\pm$ 0.029 χ^2 /NDF: 914014.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 89.112 $\pm$ 0.027 χ^2 /NDF: 924347.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

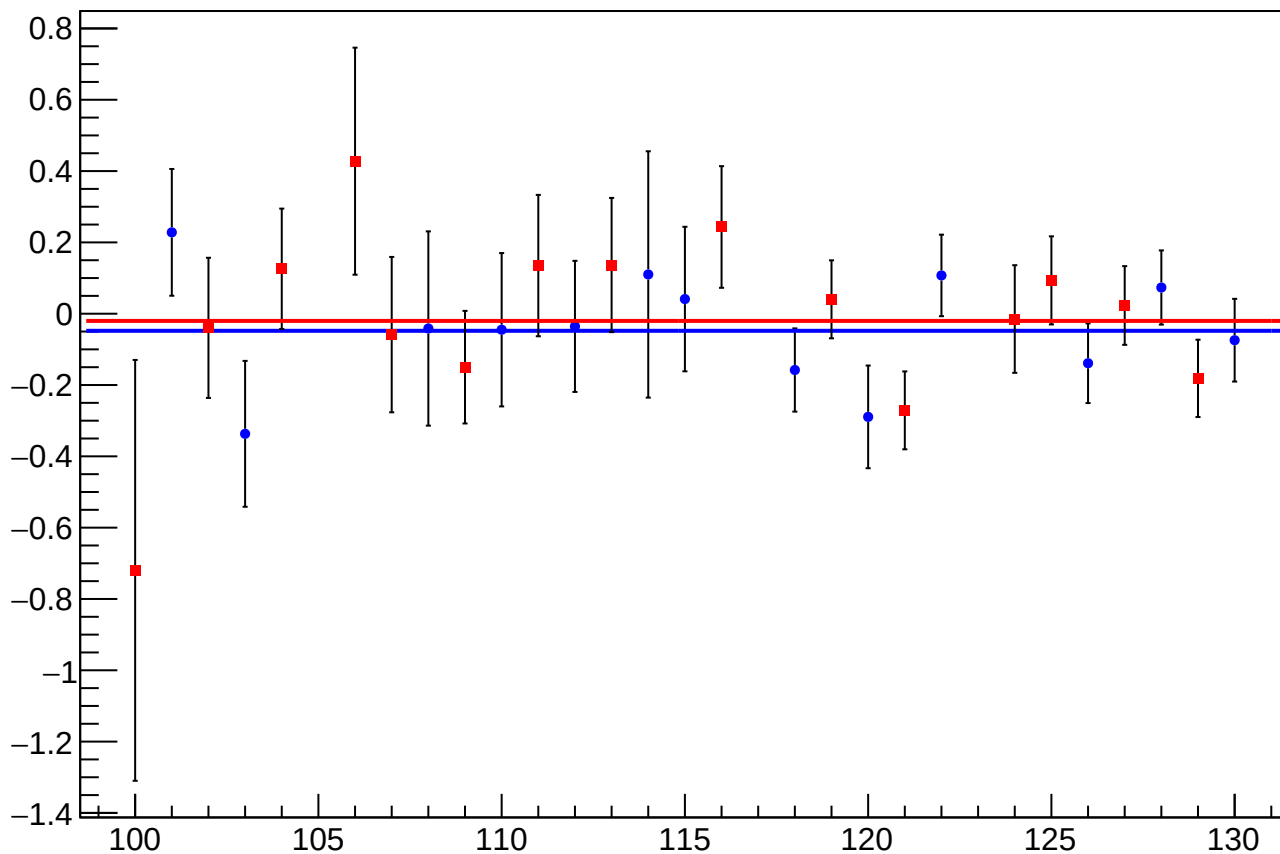
Right: 90.334 $\pm$ 0.020 χ^2 /NDF: 1842580.7/27

In: 91.698 $\pm$ 0.029 χ^2 /NDF:914014.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 90.334 $\pm$ 0.020 χ^2 /NDF: 1842580.7/27

asym_sam_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.048+/-0.041 χ^2/NDF : 12.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.020+/-0.039 χ^2/NDF : 17.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

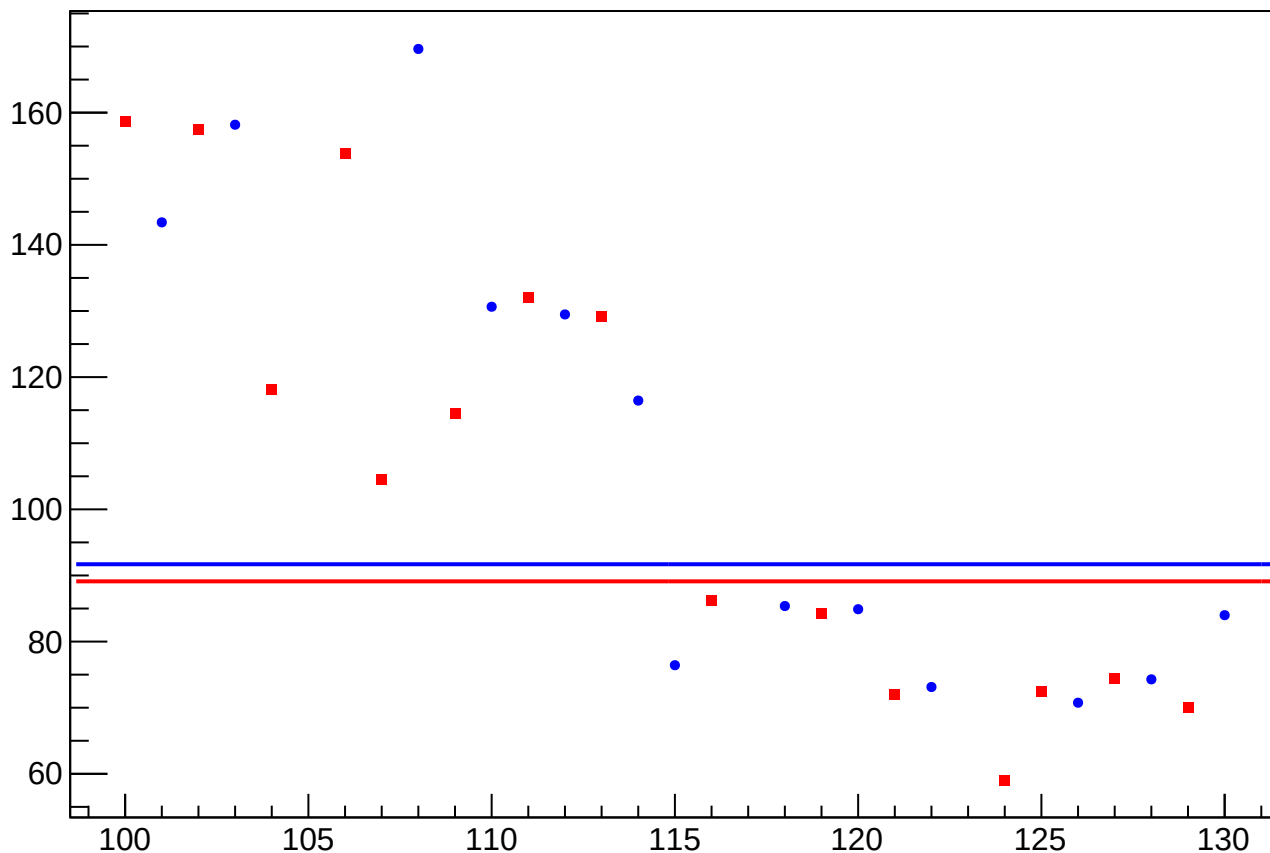
Right: -0.033+/-0.028 χ^2/NDF : 30.0/27

In: -0.048+/-0.041 χ^2/NDF : 12.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.033+/-0.028 χ^2/NDF : 30.0/27

asym_sam_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 91.698 $\pm$ 0.029 χ^2 /NDF: 914014.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 89.112 $\pm$ 0.027 χ^2 /NDF: 924347.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

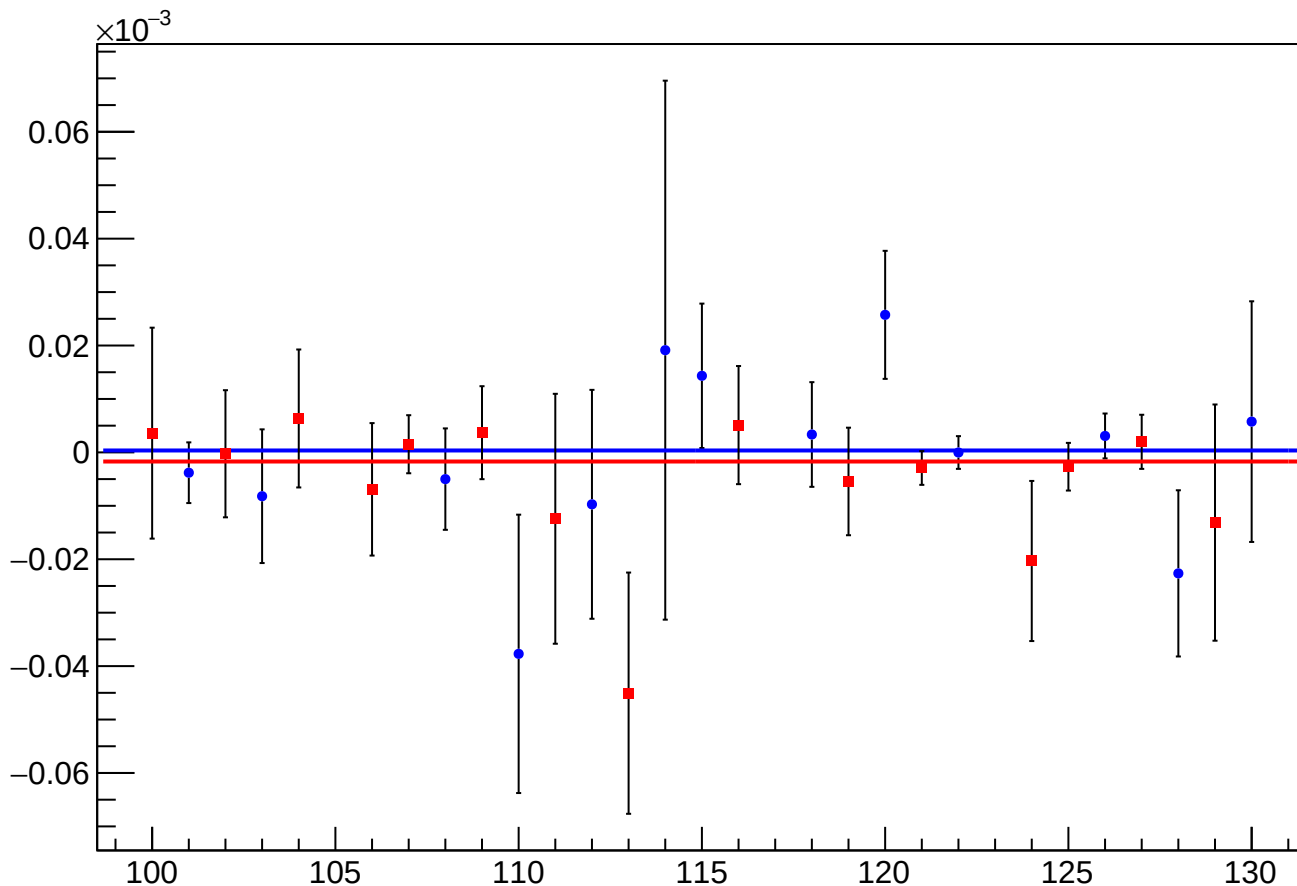
Right: 90.334 $\pm$ 0.020 χ^2 /NDF: 1842580.7/27

In: 91.698 $\pm$ 0.029 χ^2 /NDF:914014.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 90.334 $\pm$ 0.020 χ^2 /NDF: 1842580.7/27

asym_sam_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

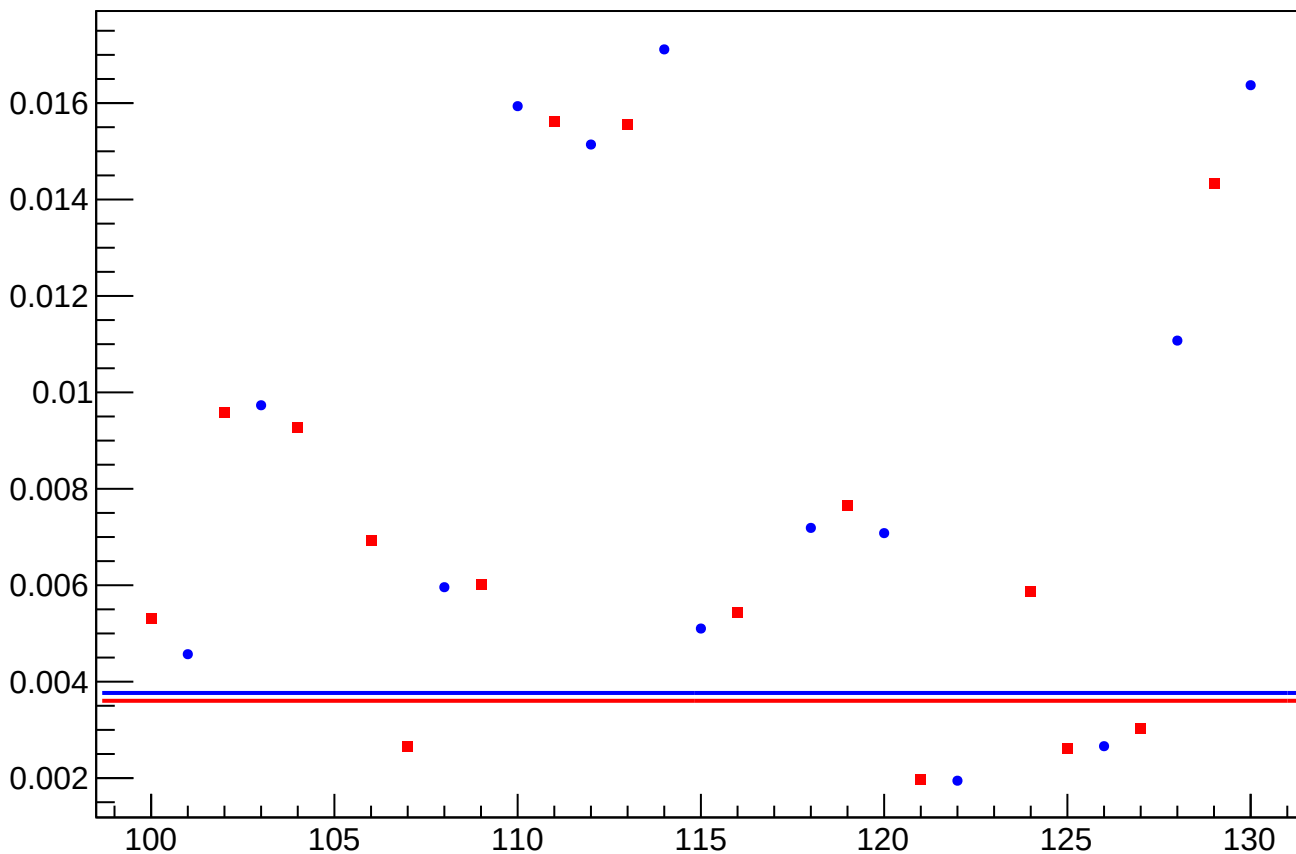
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 21.1/27

In: 0.000 $\pm$ 0.000 χ^2 /NDF:12.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 21.1/27

asym_sam_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 4071658.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 3902420.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

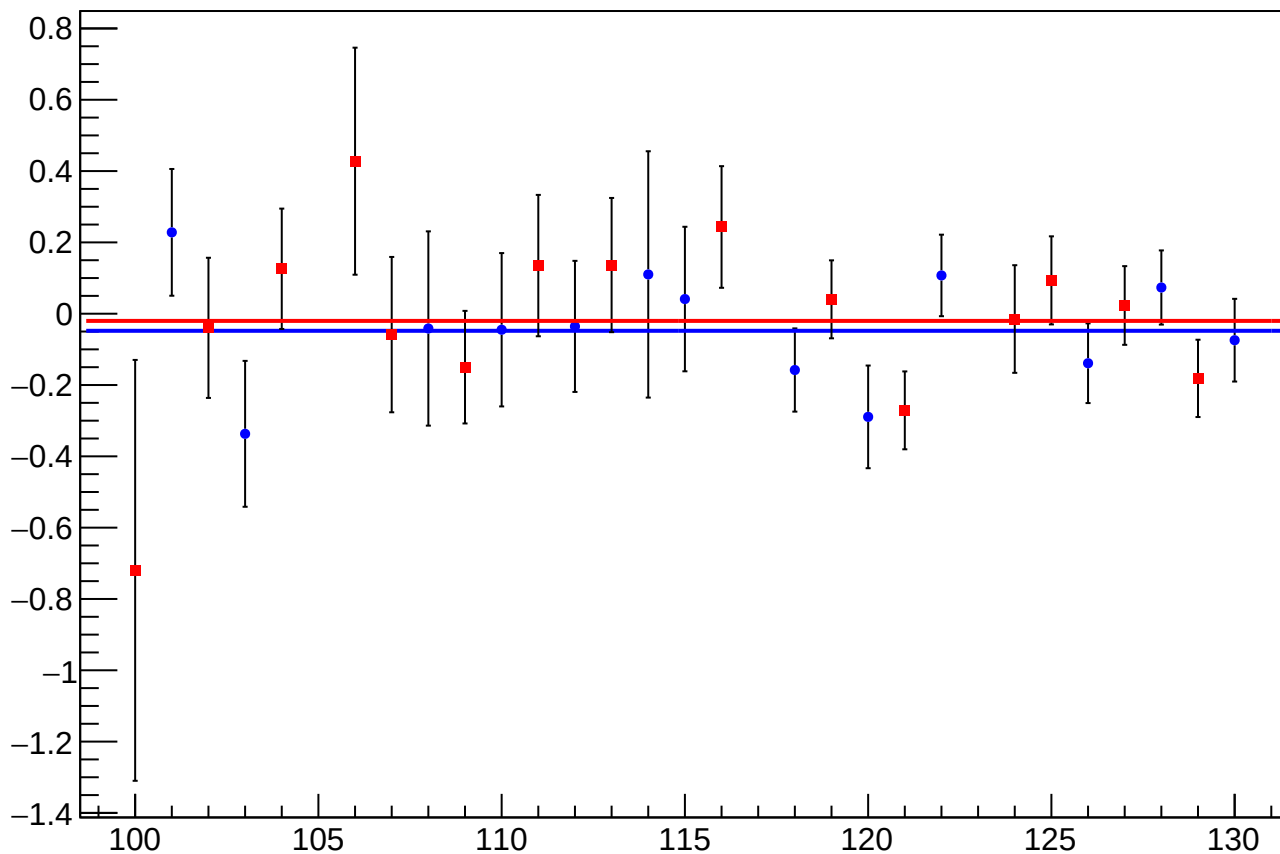
Right: 0.004+/-0.000 χ^2/NDF : 7981064.4/27

In: 0.004+/-0.000 χ^2/NDF :4071658.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 7981064.4/27

asym_sam_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.048 $\pm$ 0.041 χ^2 /NDF: 12.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.020 $\pm$ 0.039 χ^2 /NDF: 17.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

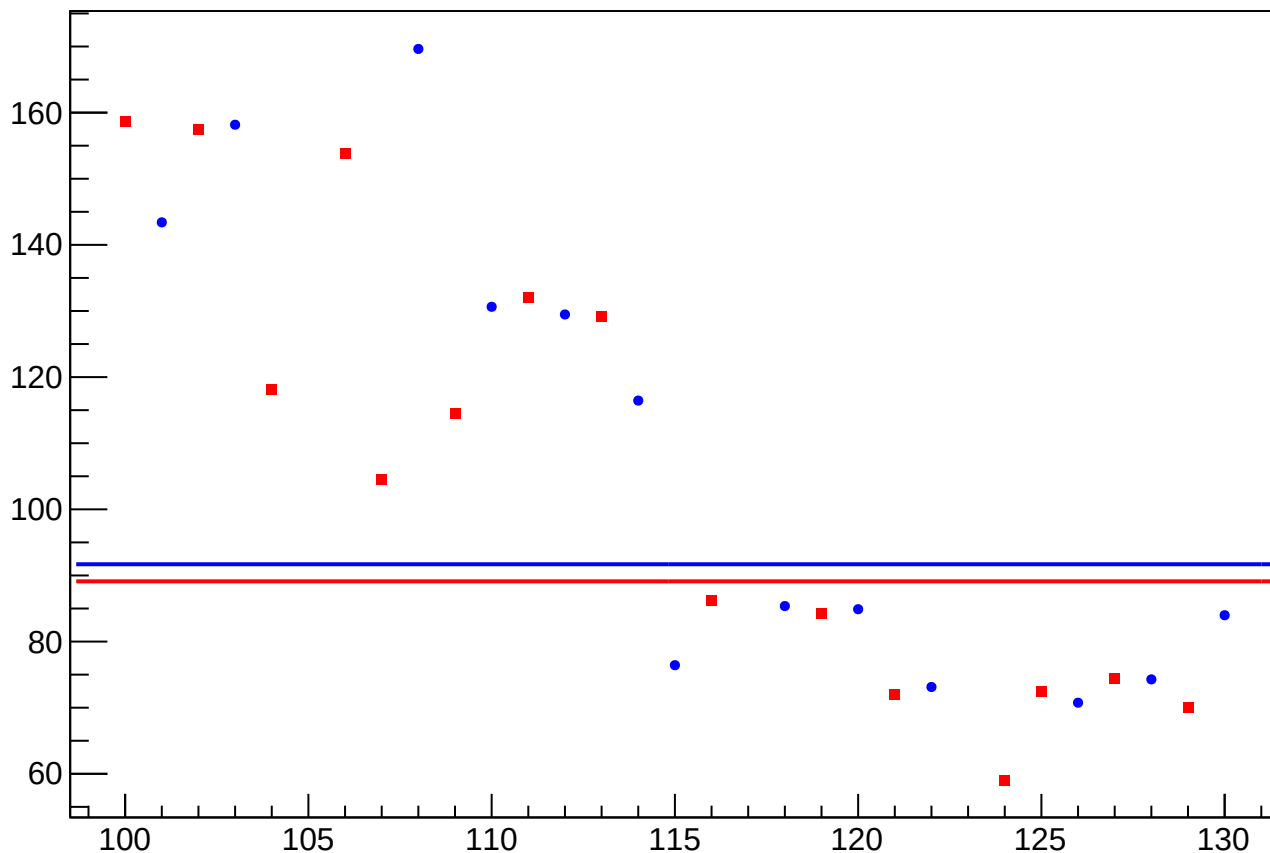
Right: -0.033 $\pm$ 0.028 χ^2 /NDF: 30.0/27

In: -0.048 $\pm$ 0.041 χ^2 /NDF:12.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.033 $\pm$ 0.028 χ^2 /NDF: 30.0/27

asym_sam_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 91.695+/-0.029 χ^2/NDF : 914024.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.109+/-0.027 χ^2/NDF : 924352.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

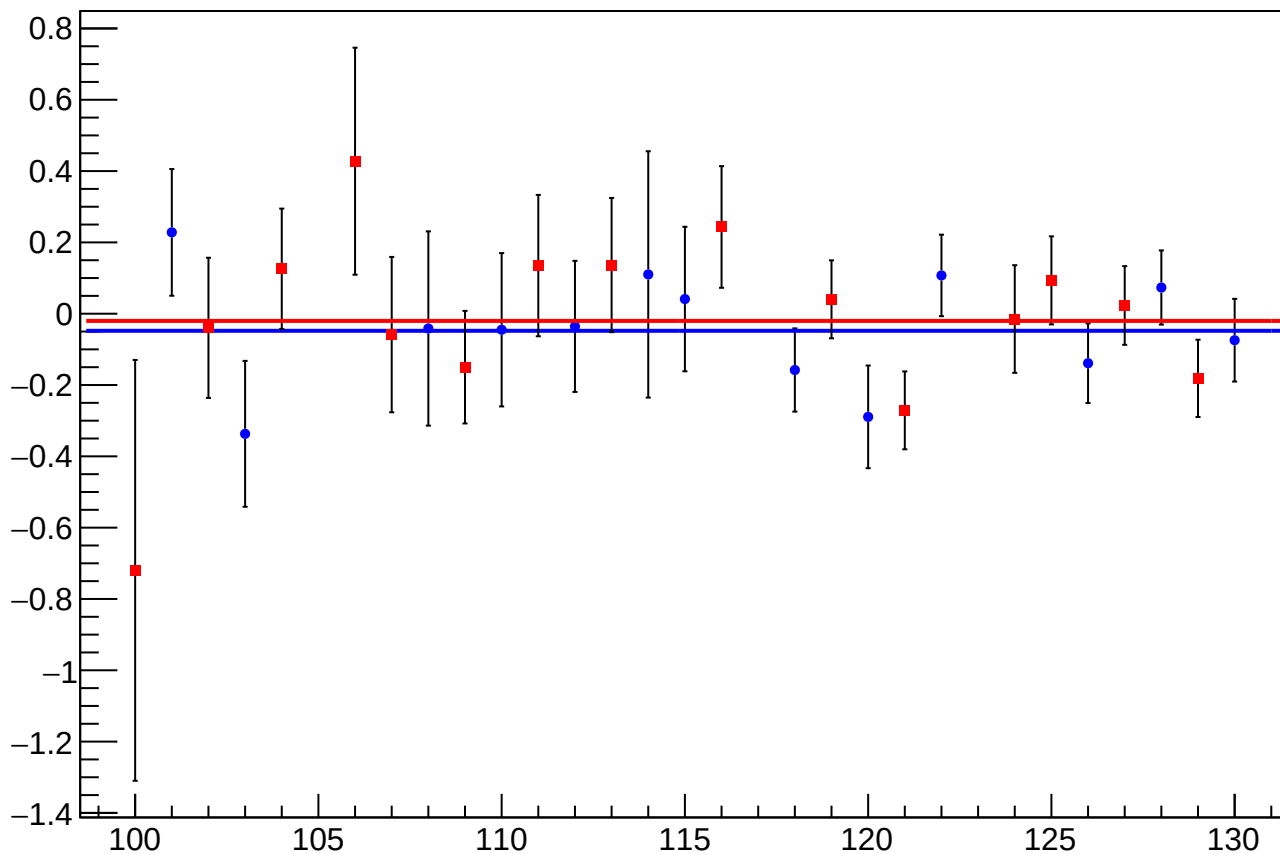
Right: 90.331+/-0.020 χ^2/NDF : 1842592.8/27

In: 91.695+/-0.029 χ^2/NDF : 914024.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.331+/-0.020 χ^2/NDF : 1842592.8/27

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.048 $\pm$ 0.041 χ^2 /NDF: 12.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.020 $\pm$ 0.039 χ^2 /NDF: 17.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

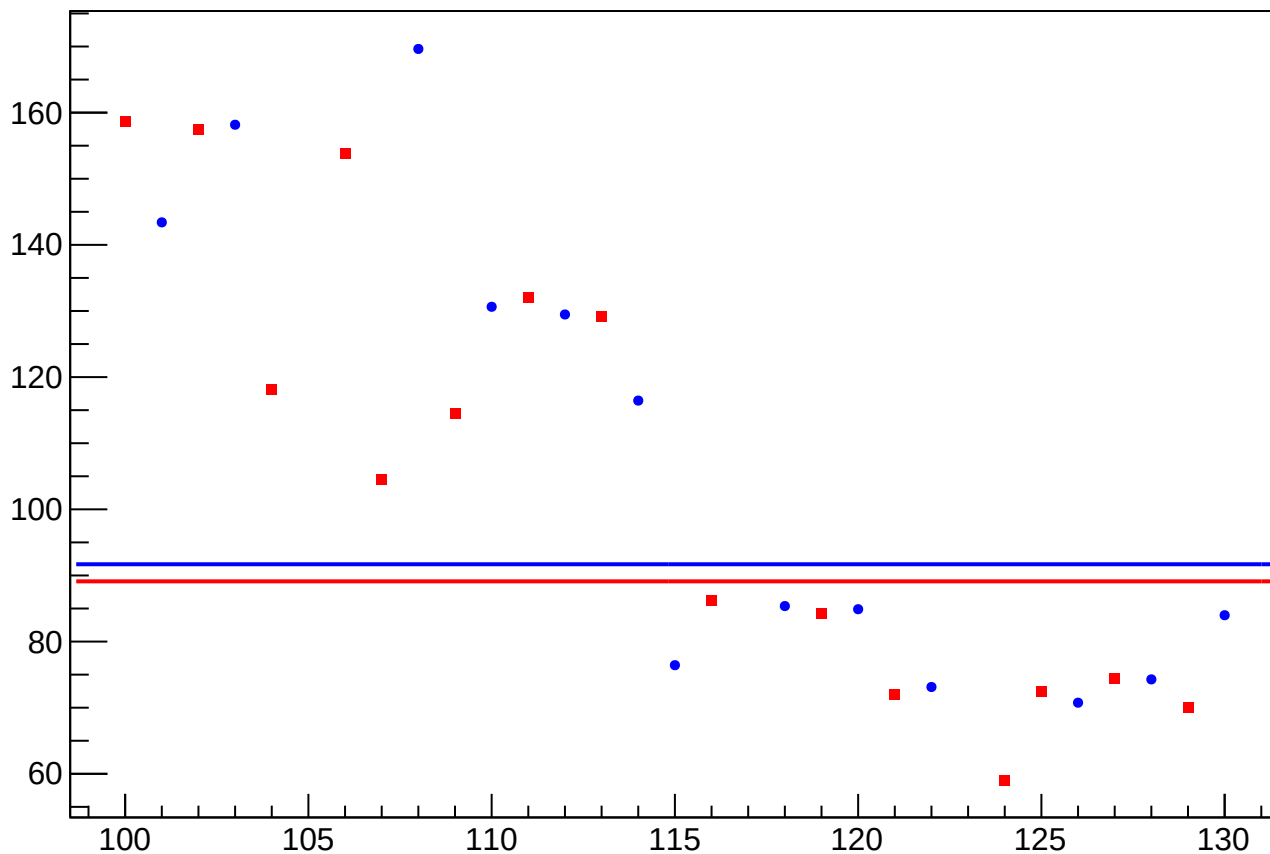
Right: -0.033 $\pm$ 0.028 χ^2 /NDF: 30.0/27

In: -0.048 $\pm$ 0.041 χ^2 /NDF:12.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.033 $\pm$ 0.028 χ^2 /NDF: 30.0/27

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 91.695+/-0.029 χ^2/NDF : 914024.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.109+/-0.027 χ^2/NDF : 924352.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

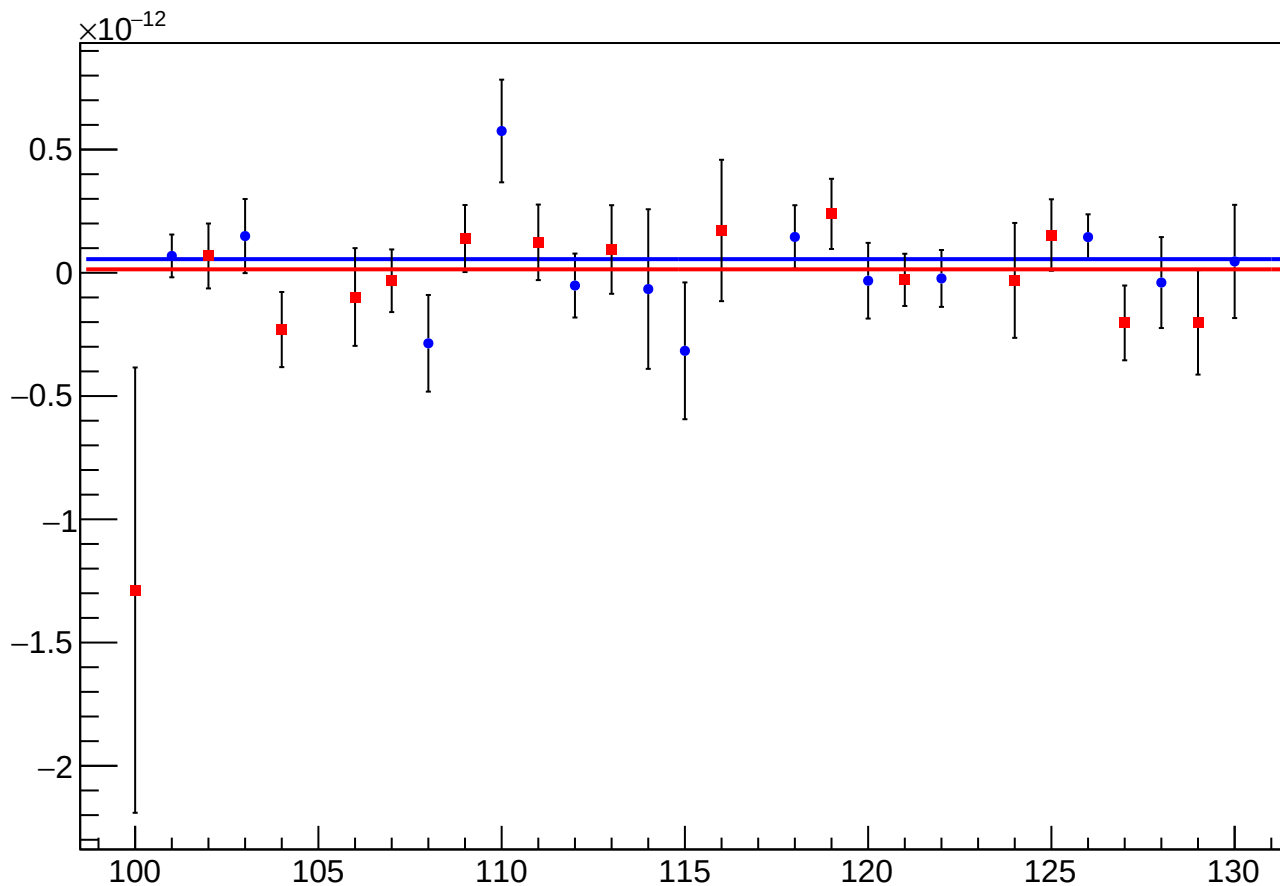
Right: 90.331+/-0.020 χ^2/NDF : 1842592.8/27

In: 91.695+/-0.029 χ^2/NDF : 914024.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.331+/-0.020 χ^2/NDF : 1842592.8/27

asym_sam_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

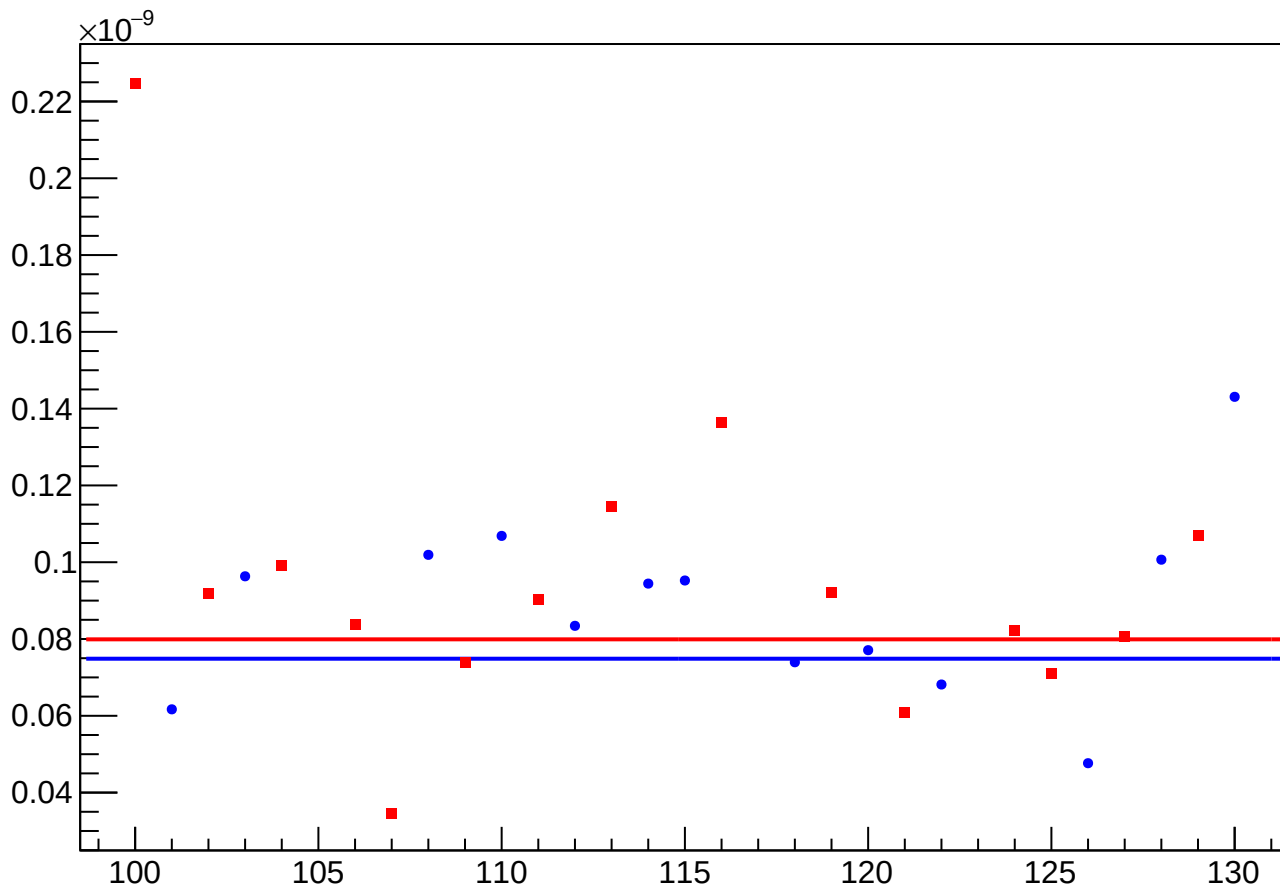
Right: 0.000+/-0.000 χ^2/NDF : 29.1/27

In: 0.000+/-0.000 χ^2/NDF : 14.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.1/27

asym_sam_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 595387.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 639377.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

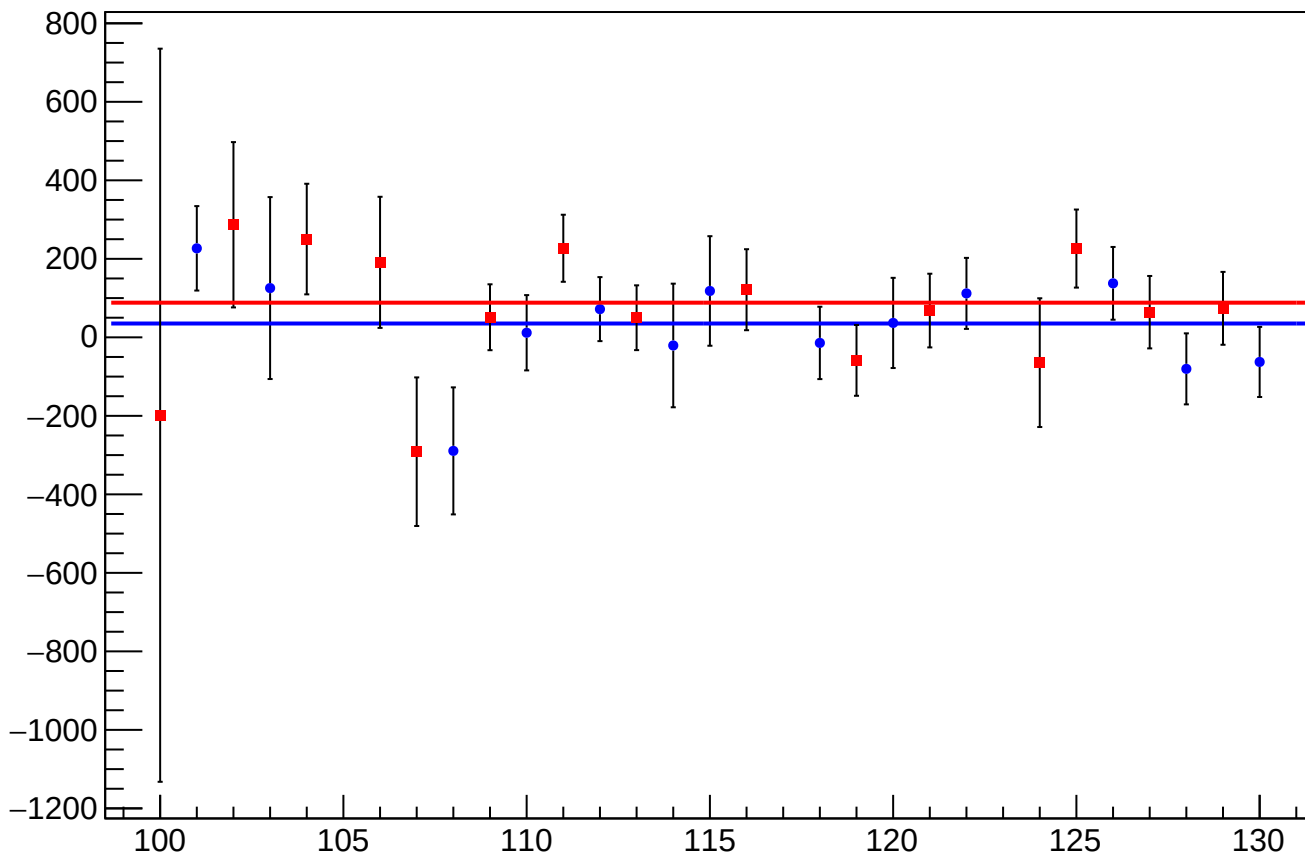
Right: 0.000+/-0.000 χ^2/NDF : 1250667.6/27

In: 0.000+/-0.000 χ^2/NDF : 595387.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1250667.6/27

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 35.228+/-29.189 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.298+/-28.106 χ^2/NDF : 15.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

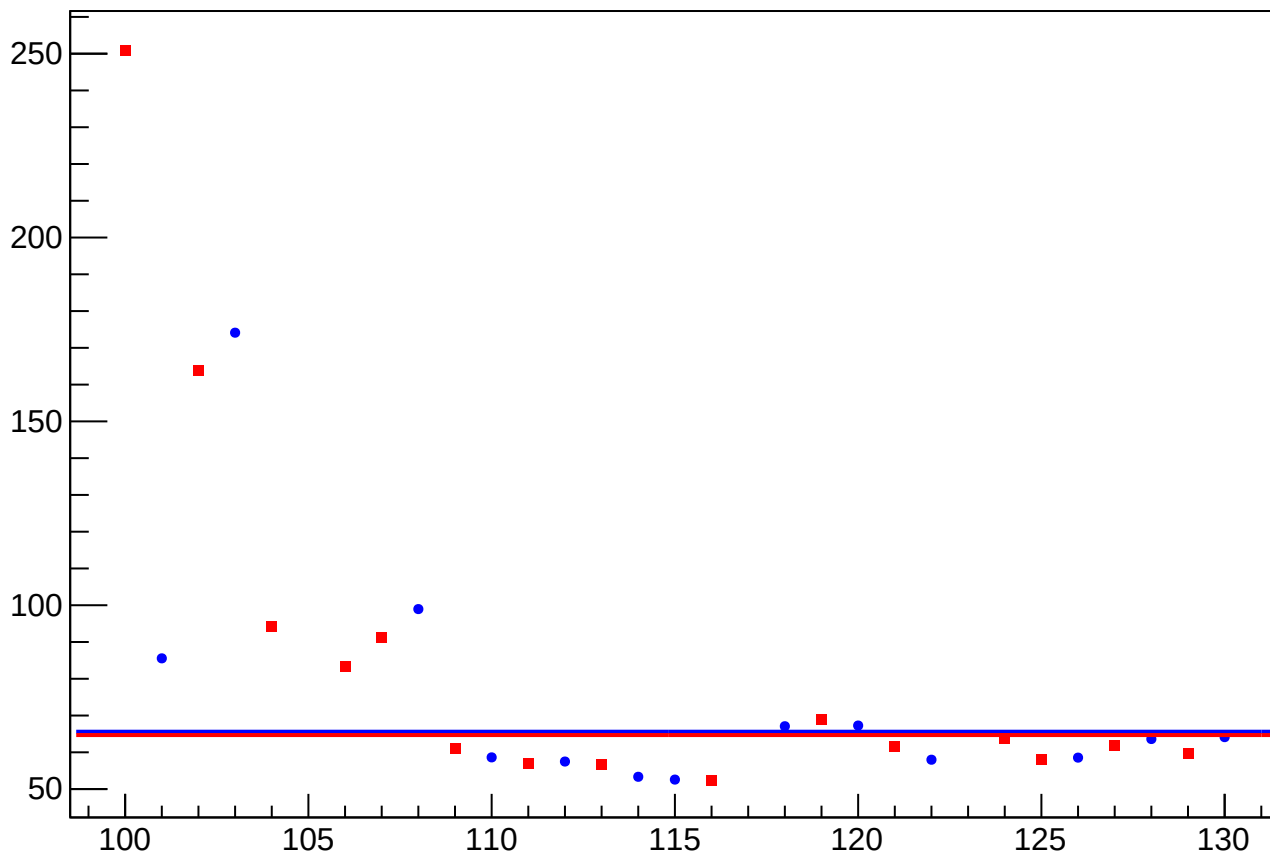
Right: 62.765+/-20.246 χ^2/NDF : 30.3/27

In: 35.228+/-29.189 χ^2/NDF : 13.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.765+/-20.246 χ^2/NDF : 30.3/27

reg_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 65.602 $\pm$ 0.021 χ^2 /NDF: 680505.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 64.691 $\pm$ 0.020 χ^2 /NDF: 765621.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

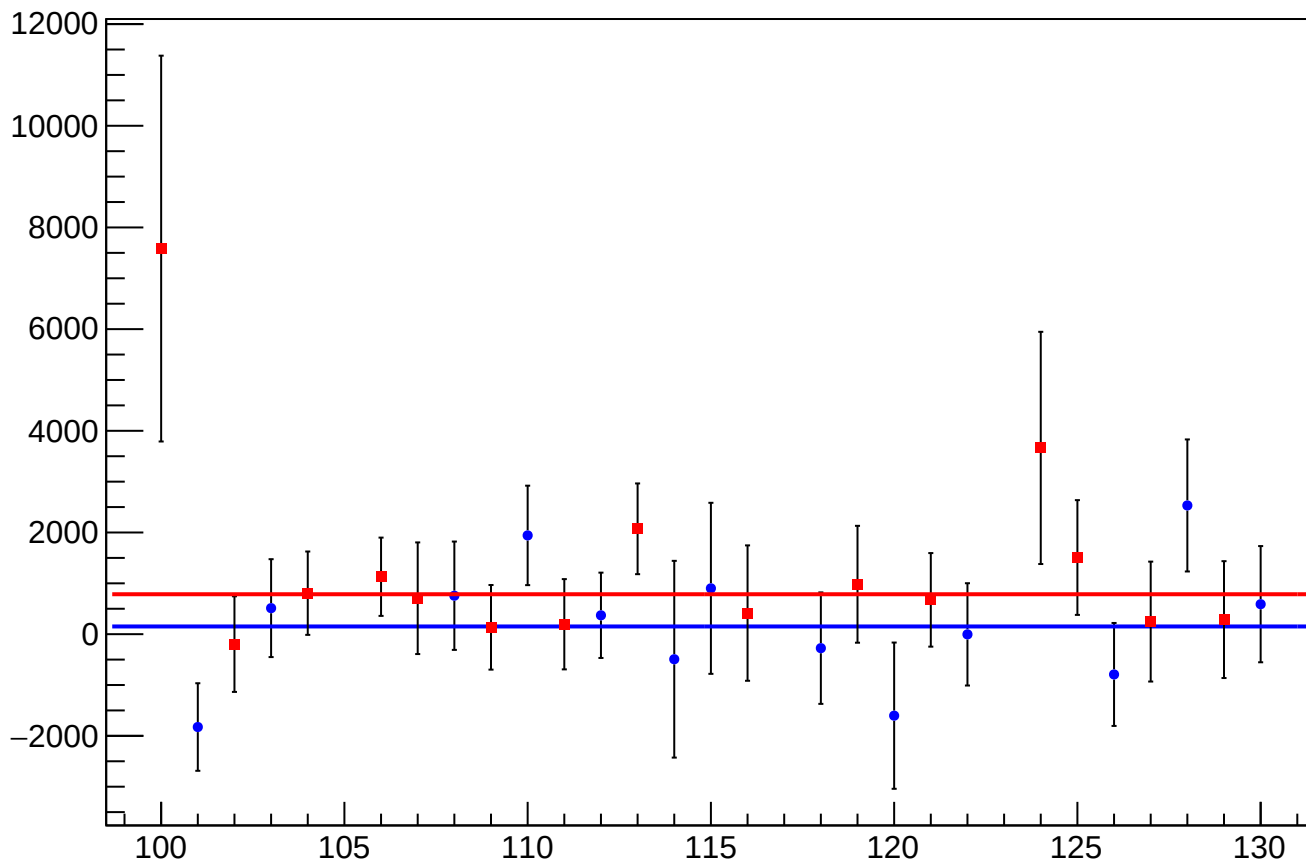
Right: 65.129 $\pm$ 0.014 χ^2 /NDF: 1447137.0/27

In: 65.602 $\pm$ 0.021 χ^2 /NDF:680505.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 65.129 $\pm$ 0.014 χ^2 /NDF: 1447137.0/27

asym_sam_37_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 151.677+/-301.089 χ^2/NDF : 15.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 785.485+/-266.056 χ^2/NDF : 10.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

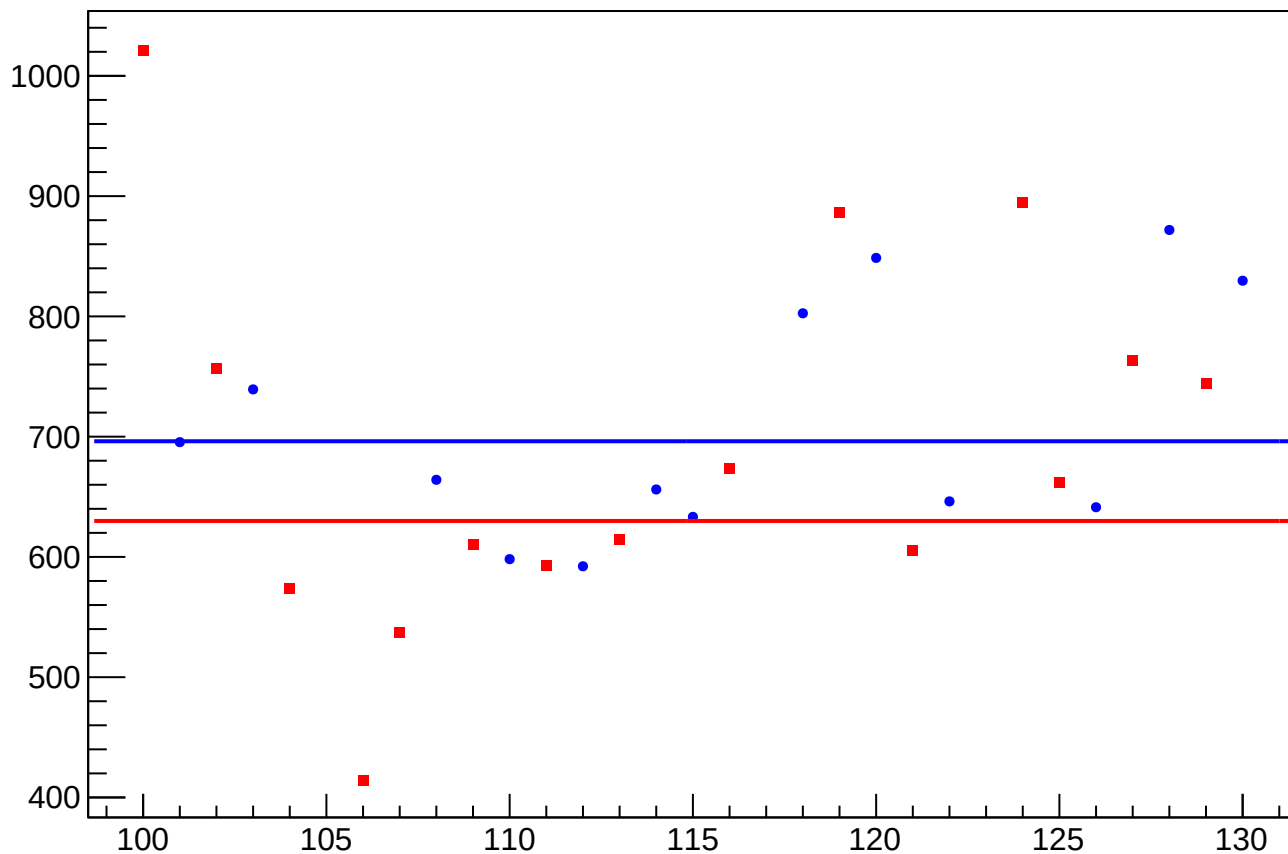
Right: 507.583+/-199.371 χ^2/NDF : 28.1/27

In: 151.677+/-301.089 χ^2/NDF : 15.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 507.583+/-199.371 χ^2/NDF : 28.1/27

asym_sam_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 696.182+/-0.213 χ^2/NDF : 176269.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 629.907+/-0.188 χ^2/NDF : 420267.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

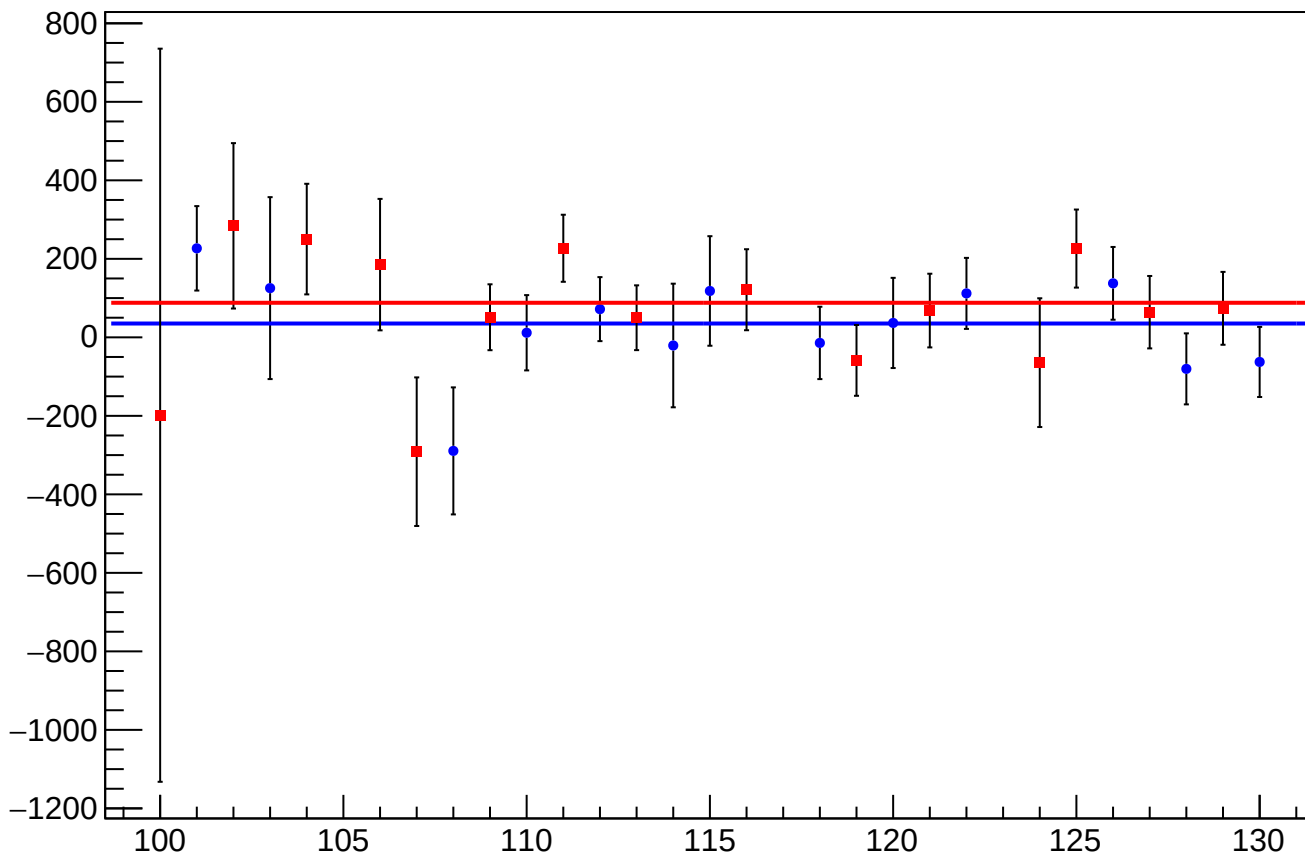
Right: 658.966+/-0.141 χ^2/NDF : 650953.5/27

In: 696.182+/-0.213 χ^2/NDF : 176269.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 658.966+/-0.141 χ^2/NDF : 650953.5/27

cor_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 35.221+/-29.189 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.059+/-28.108 χ^2/NDF : 15.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

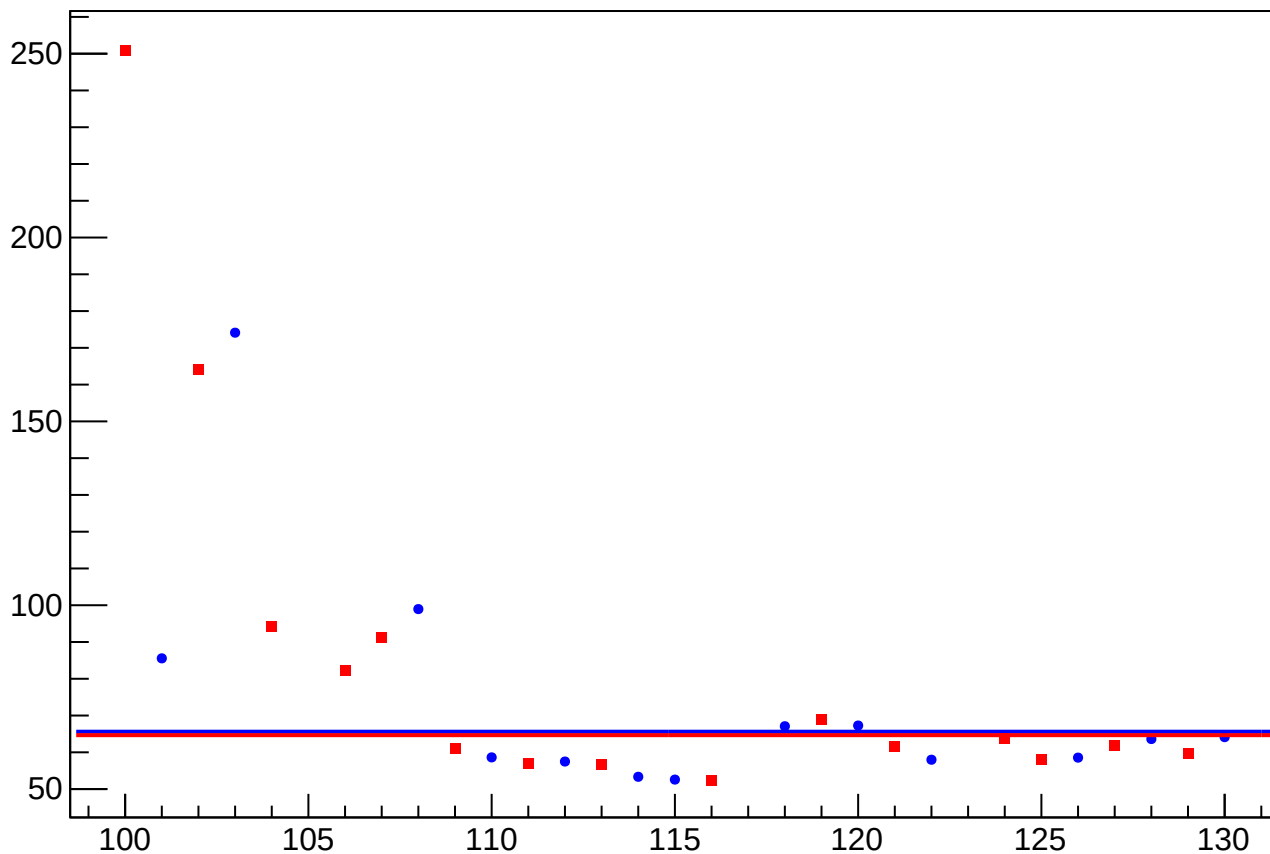
Right: 62.636+/-20.247 χ^2/NDF : 30.2/27

In: 35.221+/-29.189 χ^2/NDF : 13.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.636+/-20.247 χ^2/NDF : 30.2/27

cor_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 65.602 $\pm$ 0.021 χ^2 /NDF: 680507.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 64.659 $\pm$ 0.020 χ^2 /NDF: 763032.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

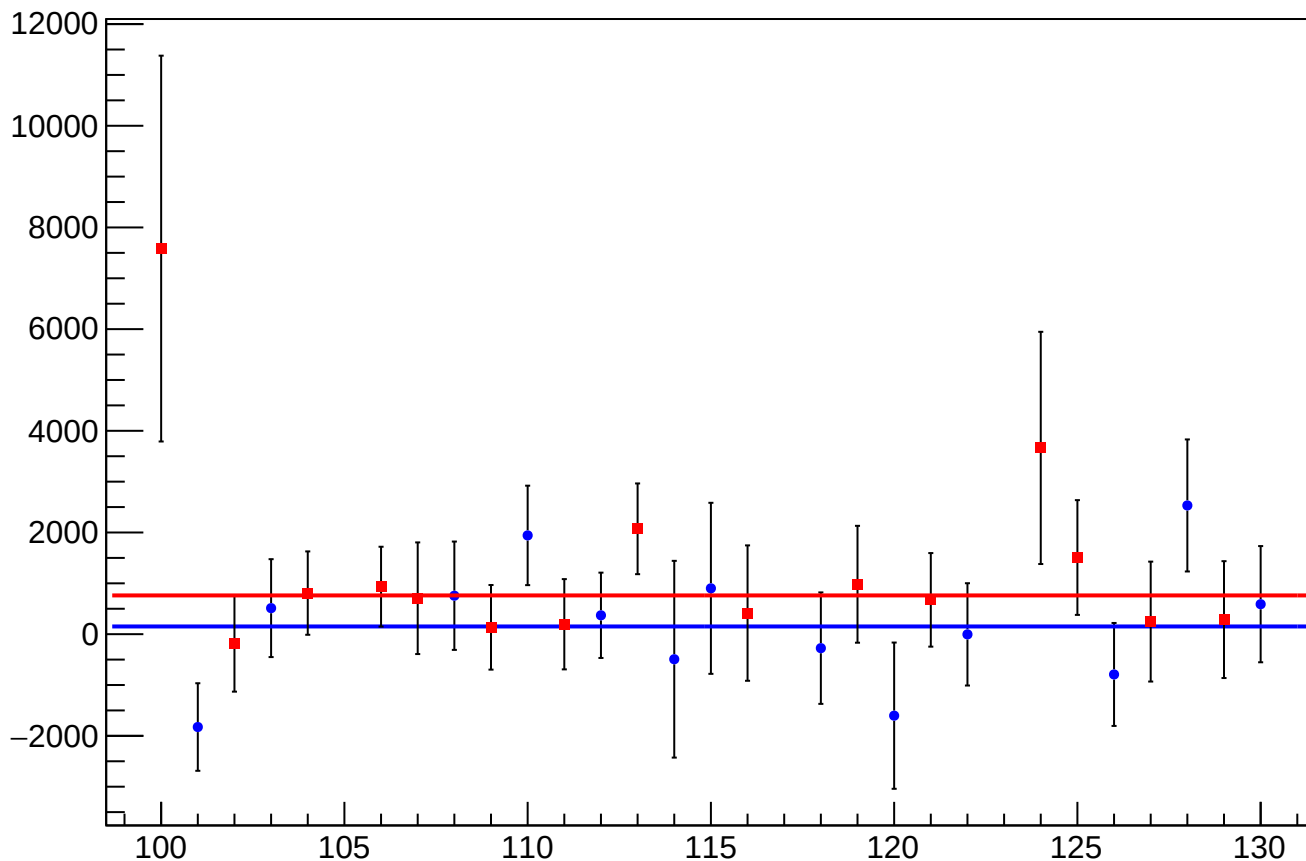
Right: 65.113 $\pm$ 0.014 χ^2 /NDF: 1444622.8/27

In: 65.602 $\pm$ 0.021 χ^2 /NDF:680507.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 65.113 $\pm$ 0.014 χ^2 /NDF: 1444622.8/27

asym_sam_37_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 151.686+/-301.092 χ^2/NDF : 15.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 762.167+/-266.702 χ^2/NDF : 10.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

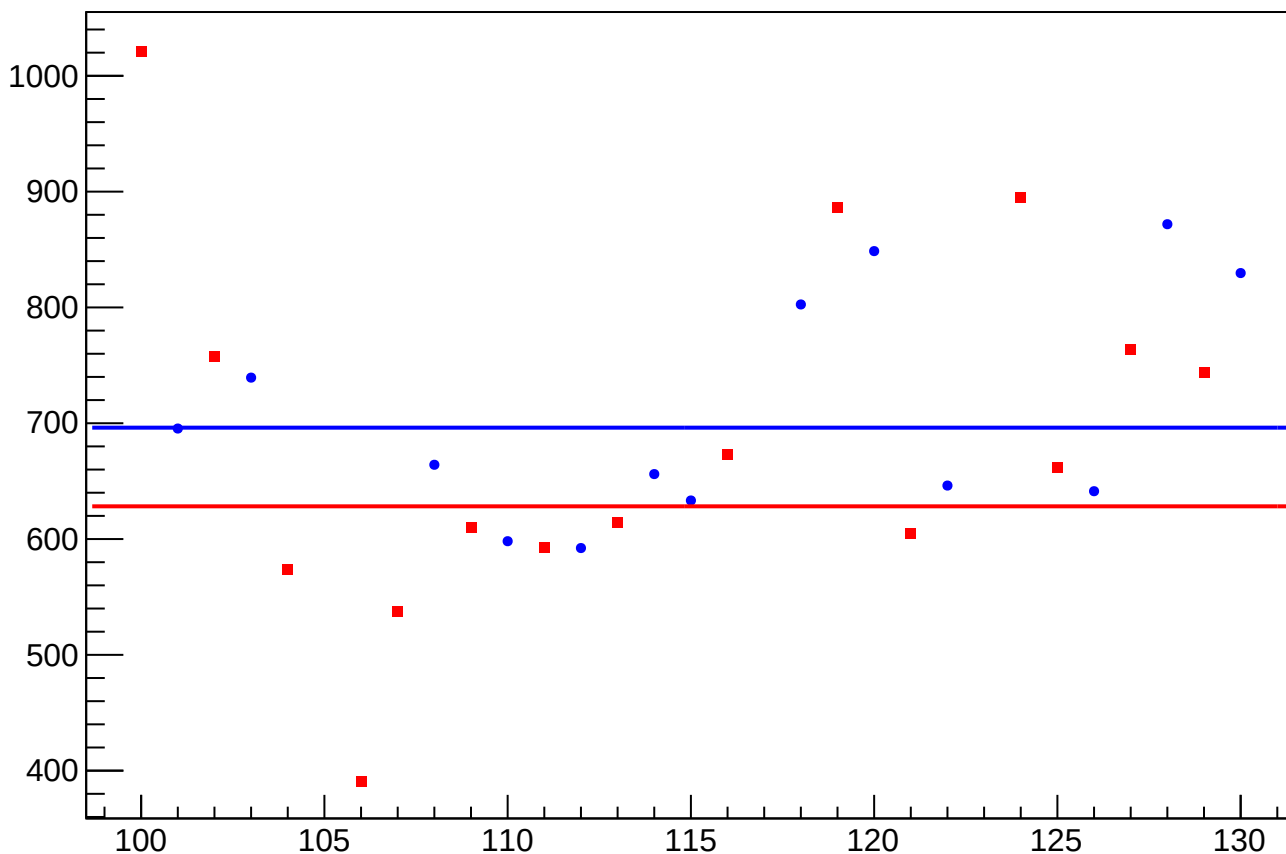
Right: 493.768+/-199.643 χ^2/NDF : 27.8/27

In: 151.686+/-301.092 χ^2/NDF : 15.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 493.768+/-199.643 χ^2/NDF : 27.8/27

asym_sam_37_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 696.189+/-0.213 χ^2/NDF : 176284.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 628.255+/-0.189 χ^2/NDF : 448931.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

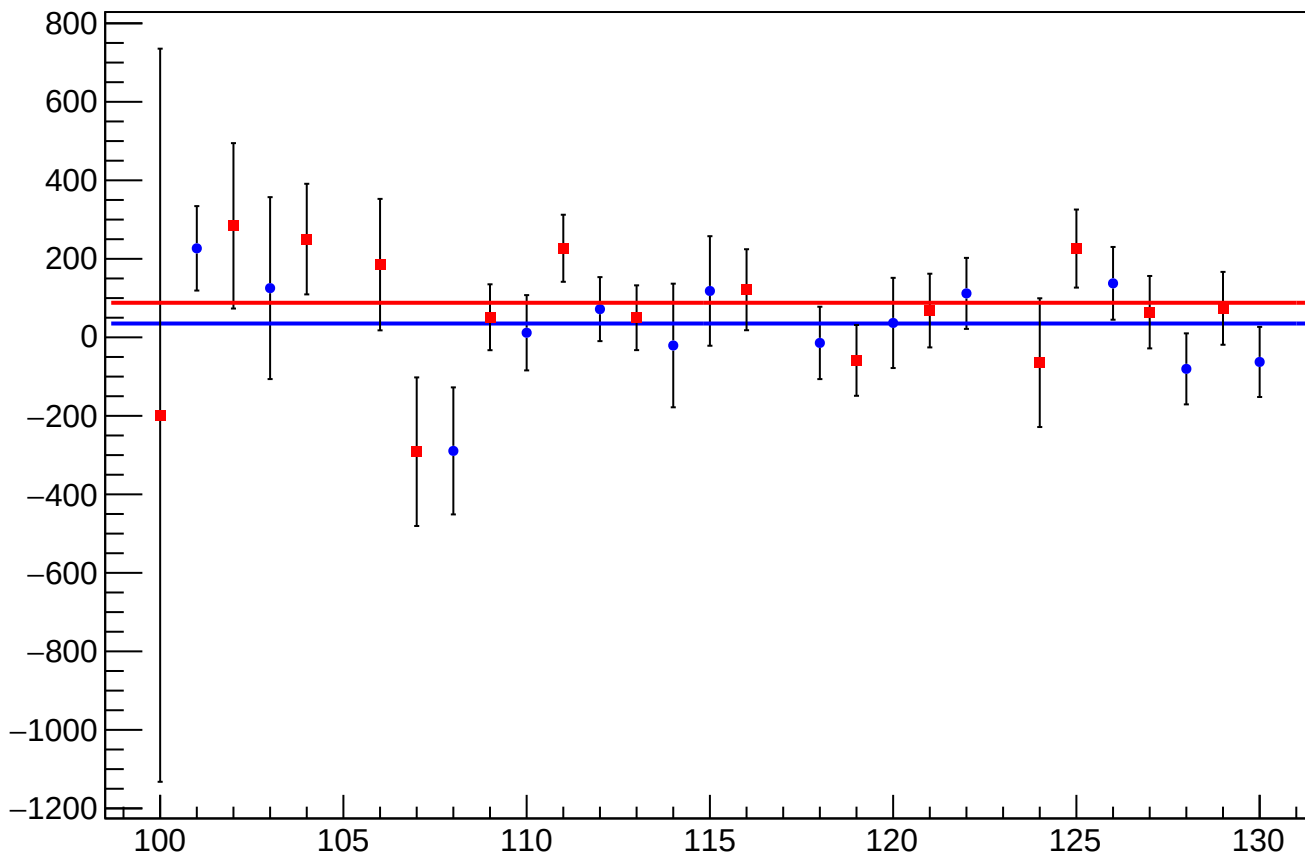
Right: 658.122+/-0.141 χ^2/NDF : 682266.8/27

In: 696.189+/-0.213 χ^2/NDF :176284.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 658.122+/-0.141 χ^2/NDF : 682266.8/27

eigen_cor_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 35.221 $\pm$ 29.189 χ^2 /NDF: 13.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 88.059 $\pm$ 28.108 χ^2 /NDF: 15.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

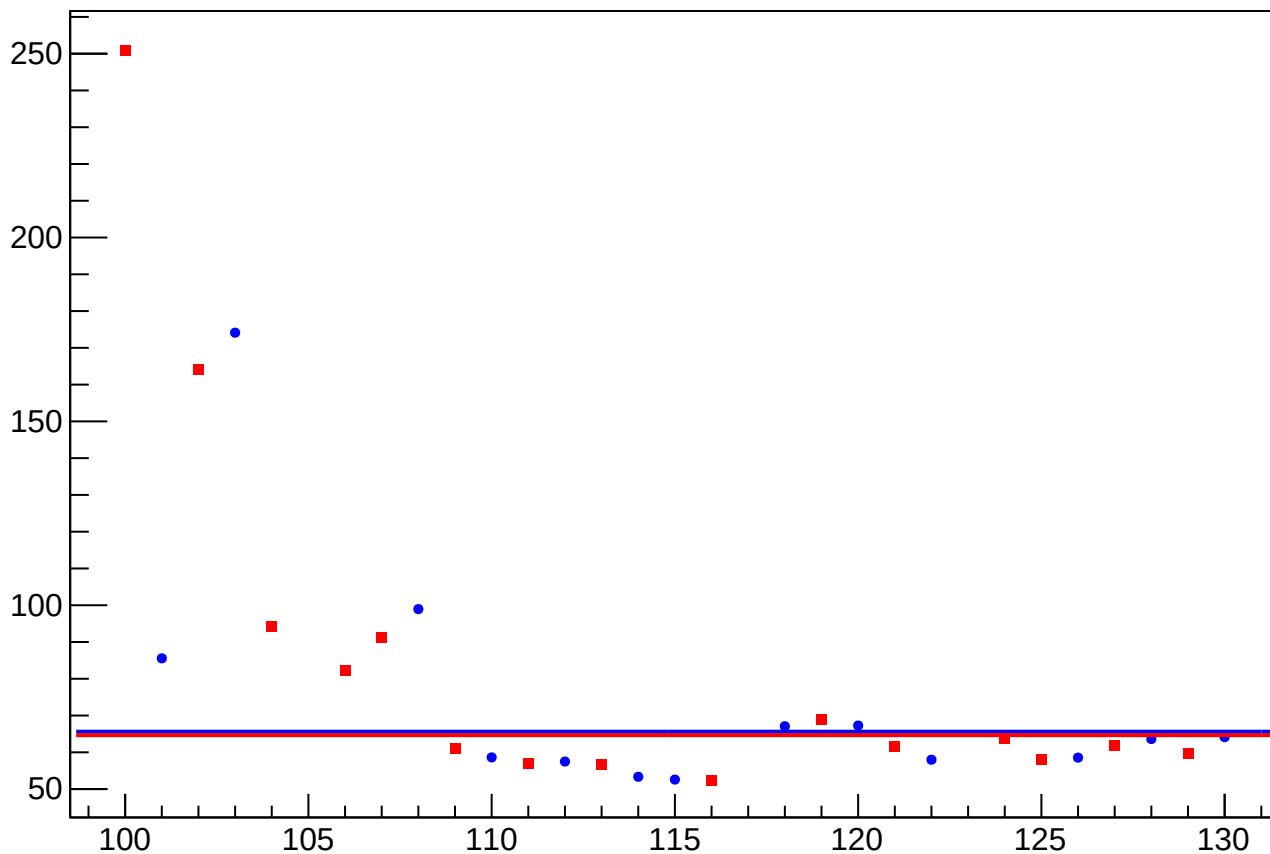
Right: 62.636 $\pm$ 20.247 χ^2 /NDF: 30.2/27

In: 35.221 $\pm$ 29.189 χ^2 /NDF:13.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 62.636 $\pm$ 20.247 χ^2 /NDF: 30.2/27

eigen_cor_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 65.602+/-0.021 χ^2/NDF : 680507.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.659+/-0.020 χ^2/NDF : 763032.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

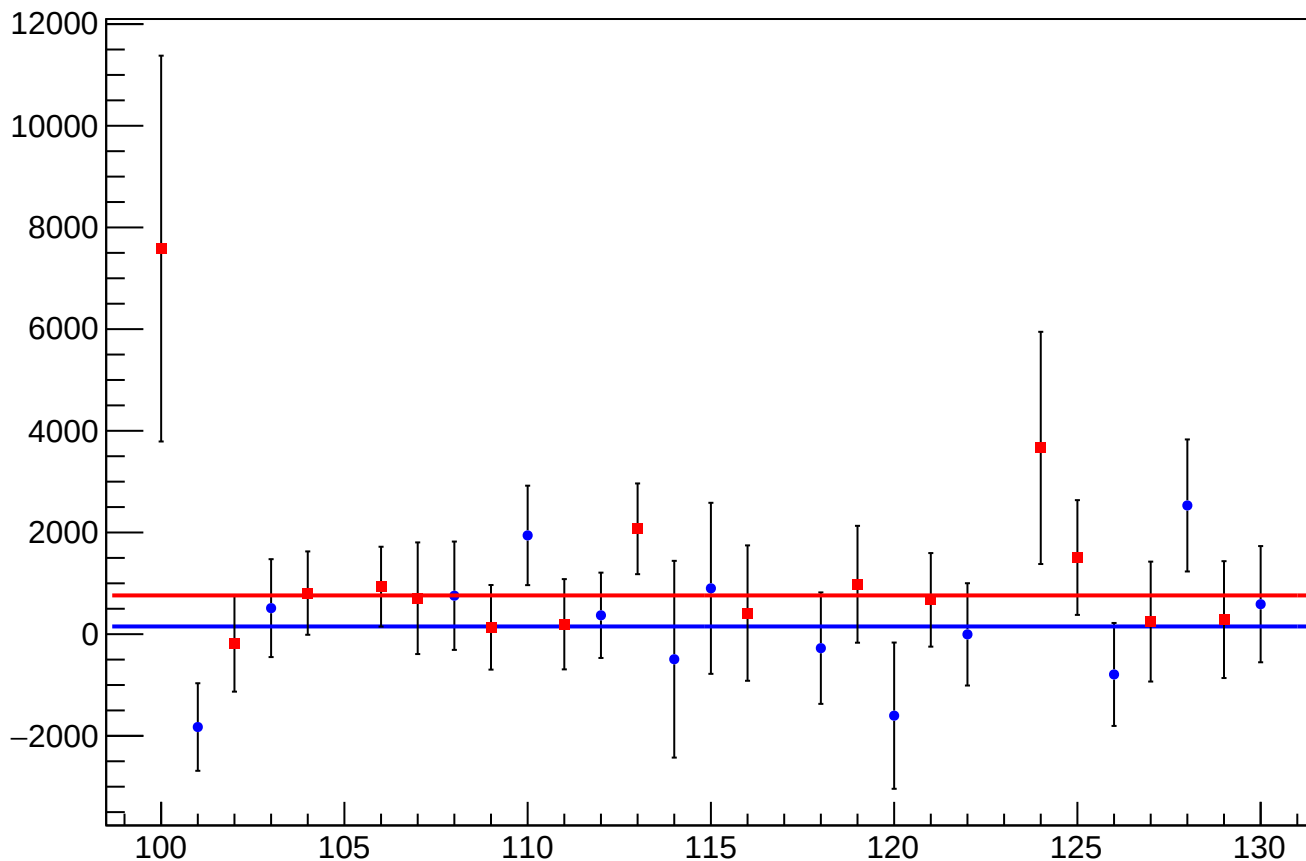
Right: 65.113+/-0.014 χ^2/NDF : 1444622.8/27

In: 65.602+/-0.021 χ^2/NDF : 680507.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.113+/-0.014 χ^2/NDF : 1444622.8/27

asym_sam_37_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 151.686+/-301.092 χ^2/NDF : 15.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 762.167+/-266.702 χ^2/NDF : 10.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

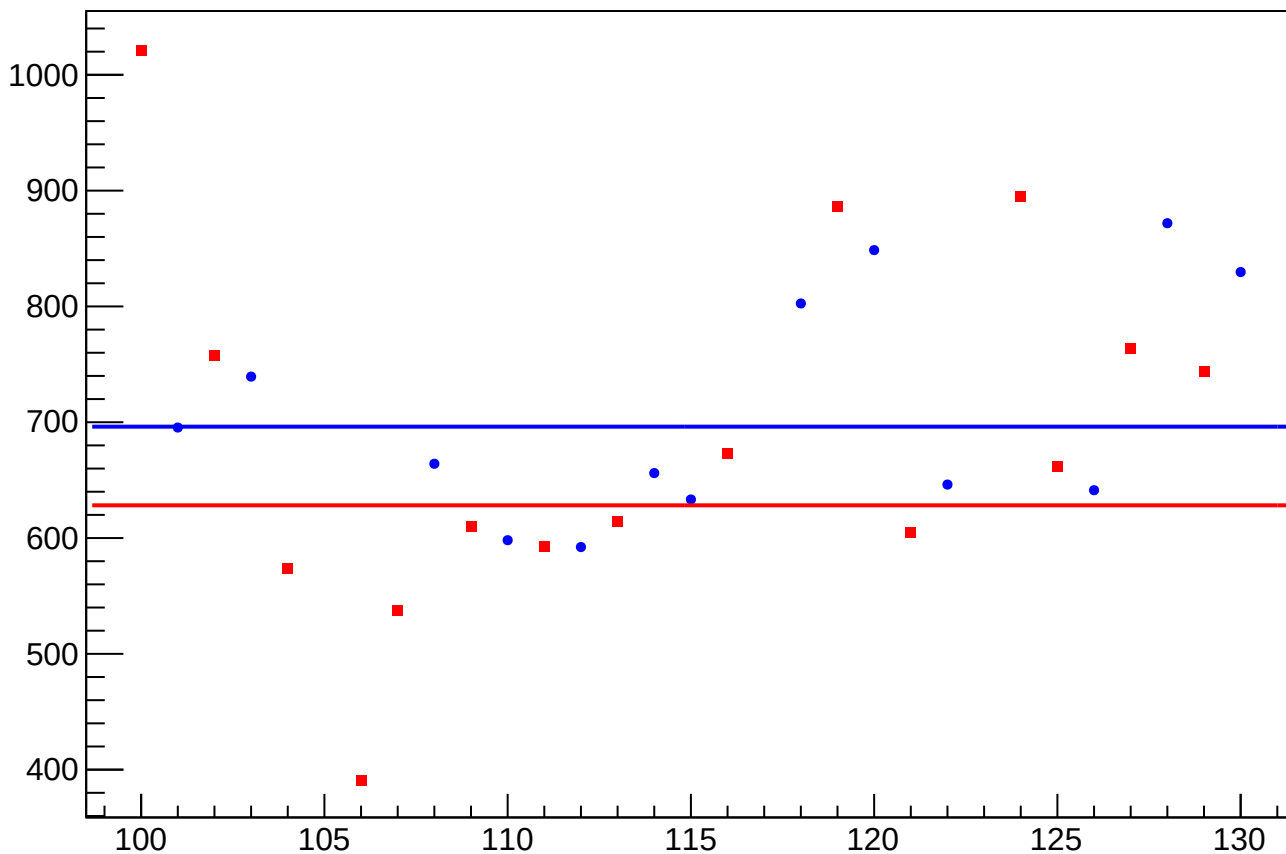
Right: 493.768+/-199.643 χ^2/NDF : 27.8/27

In: 151.686+/-301.092 χ^2/NDF : 15.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 493.768+/-199.643 χ^2/NDF : 27.8/27

asym_sam_37_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 696.189+/-0.213 χ^2/NDF : 176284.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 628.255+/-0.189 χ^2/NDF : 448931.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

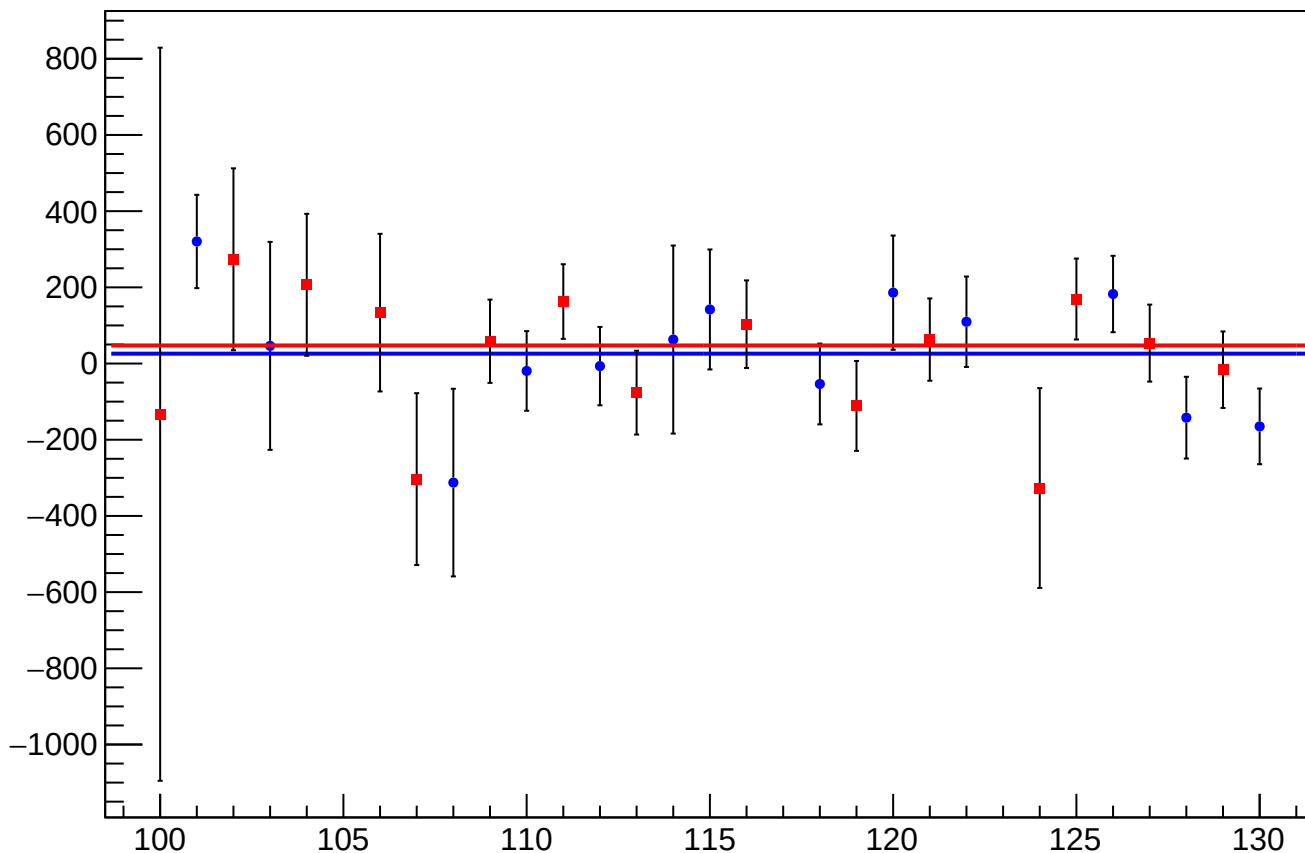
Right: 658.122+/-0.141 χ^2/NDF : 682266.8/27

In: 696.189+/-0.213 χ^2/NDF : 176284.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 658.122+/-0.141 χ^2/NDF : 682266.8/27

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 25.948 $\pm$ 34.678 χ^2 /NDF: 19.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 47.464 $\pm$ 33.438 χ^2 /NDF: 12.7/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

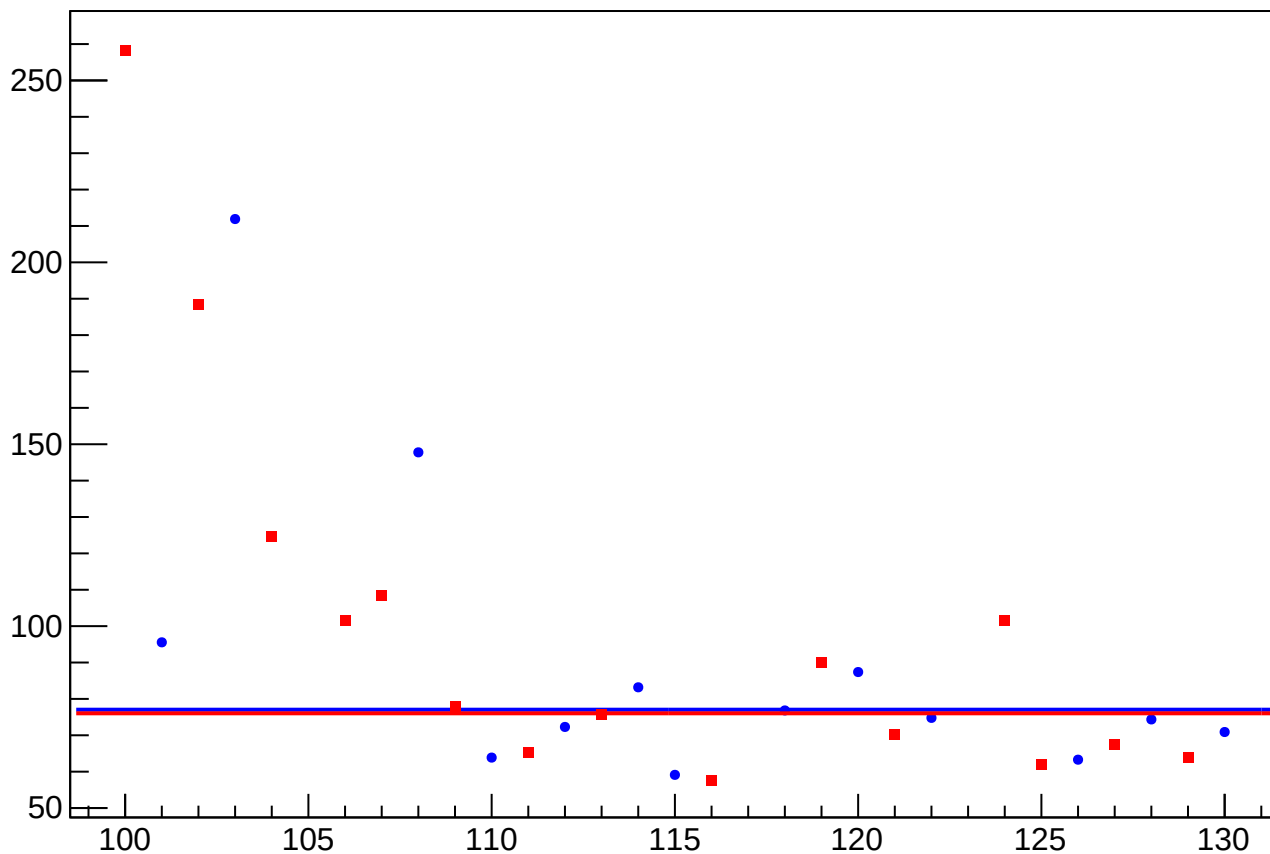
Right: 37.098 $\pm$ 24.071 χ^2 /NDF: 32.3/27

In: 25.948 $\pm$ 34.678 χ^2 /NDF:19.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 37.098 $\pm$ 24.071 χ^2 /NDF: 32.3/27

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 77.032+/-0.025 χ^2/NDF : 818871.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.039+/-0.024 χ^2/NDF : 931372.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

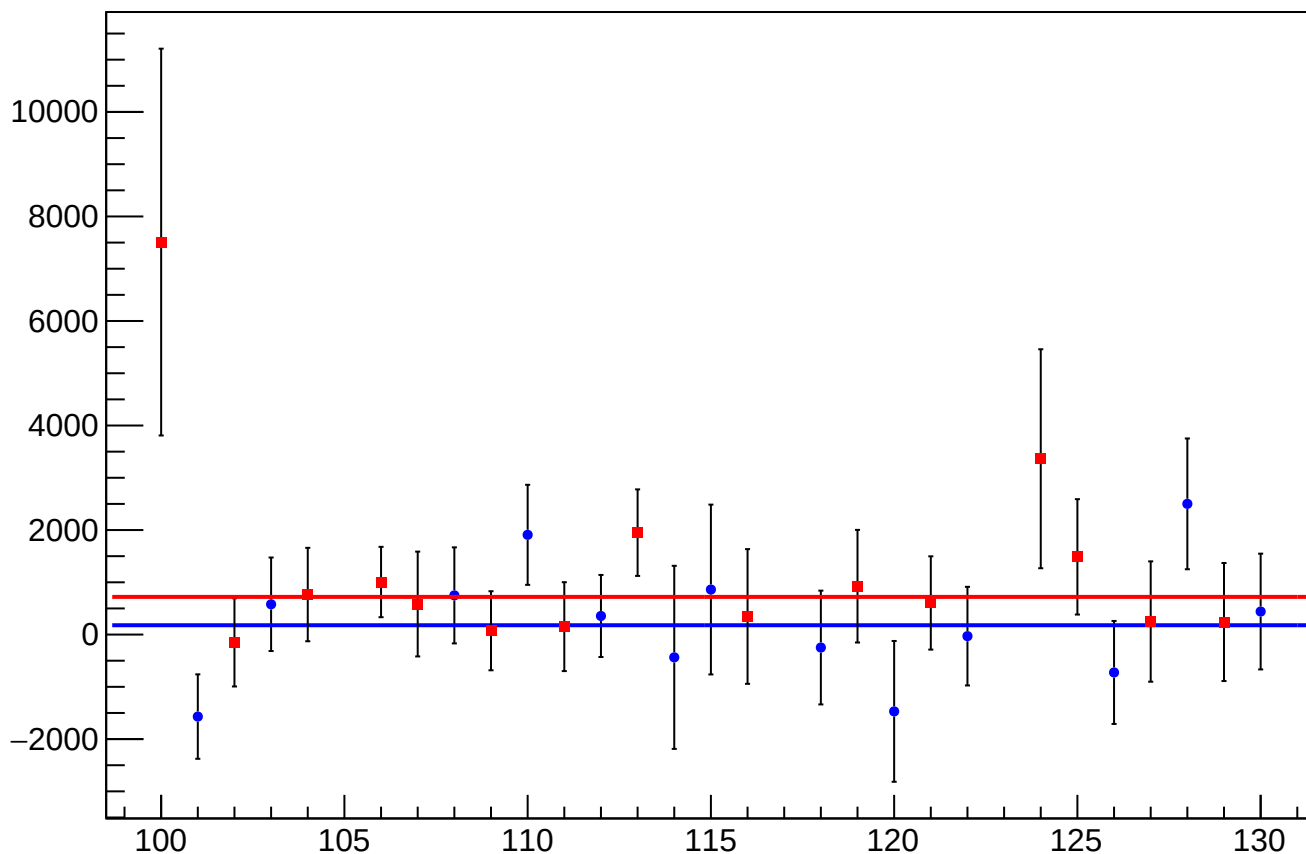
Right: 76.517+/-0.017 χ^2/NDF : 1751094.3/27

In: 77.032+/-0.025 χ^2/NDF : 818871.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.517+/-0.017 χ^2/NDF : 1751094.3/27

asym_sam_37_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 178.408 $\pm$ 284.144 χ^2 /NDF: 14.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 720.851 $\pm$ 251.371 χ^2 /NDF: 10.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

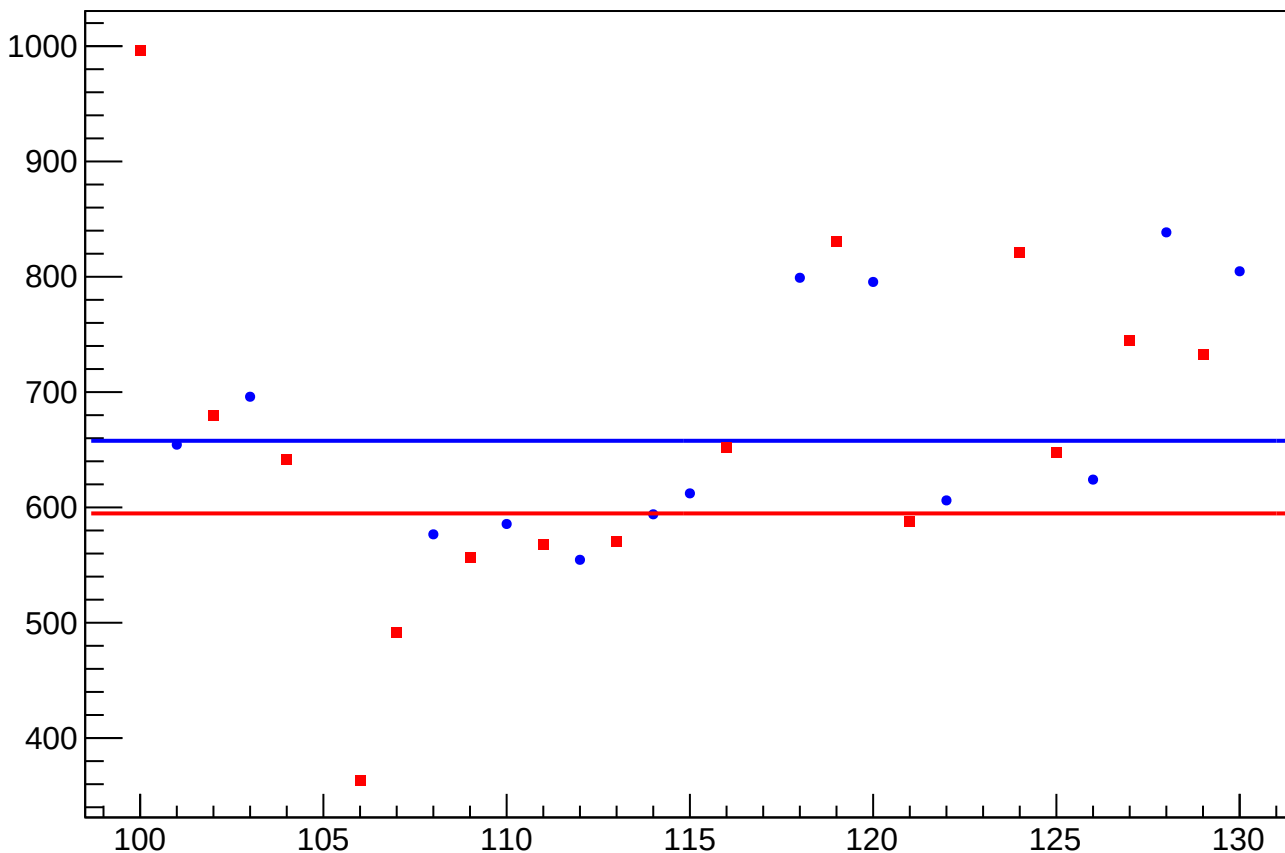
Right: 482.703 $\pm$ 188.272 χ^2 /NDF: 27.5/27

In: 178.408 $\pm$ 284.144 χ^2 /NDF:14.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 482.703 $\pm$ 188.272 χ^2 /NDF: 27.5/27

asym_sam_37_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 657.779+/-0.201 χ^2/NDF : 209332.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 594.792+/-0.178 χ^2/NDF : 507452.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

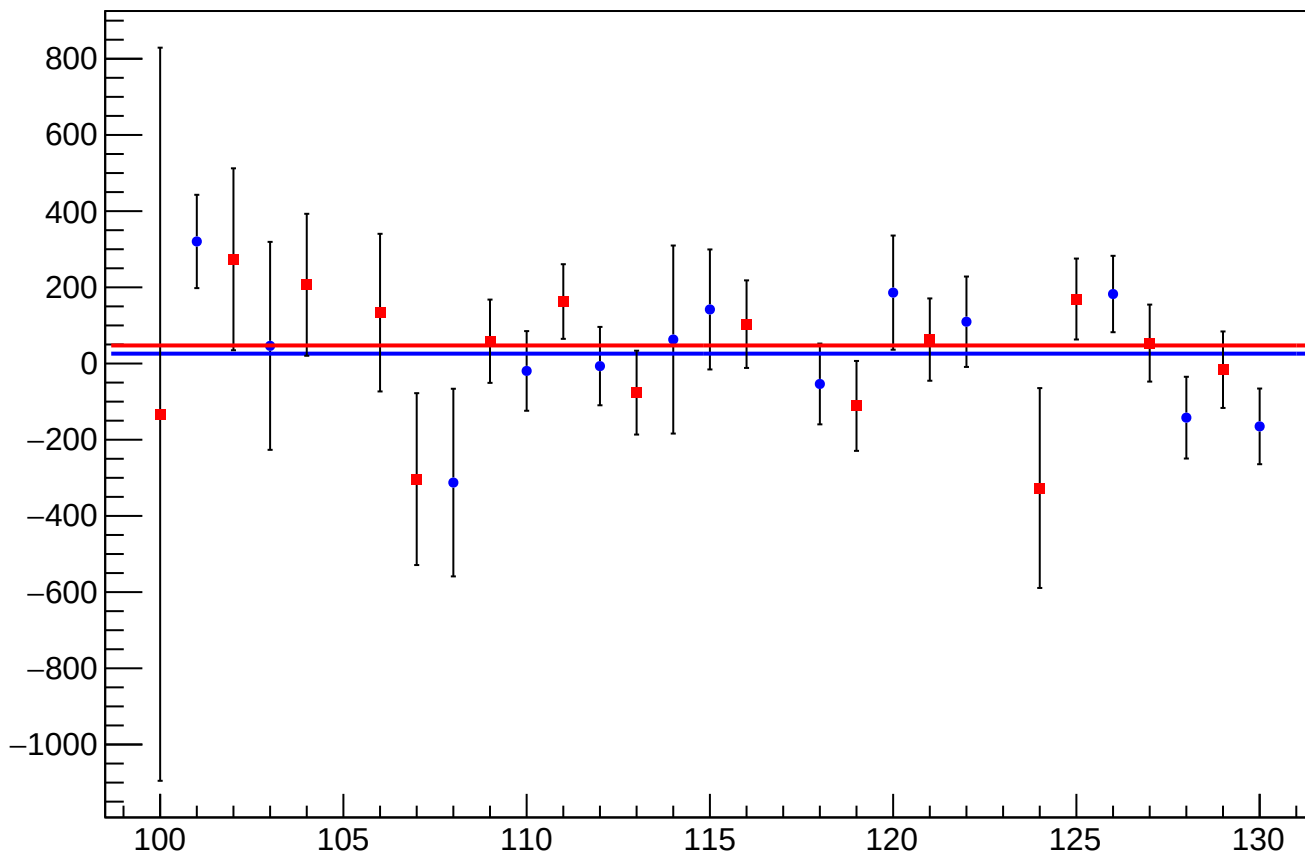
Right: 622.445+/-0.133 χ^2/NDF : 771915.9/27

In: 657.779+/-0.201 χ^2/NDF : 209332.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 622.445+/-0.133 χ^2/NDF : 771915.9/27

eigen_dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 25.947 $\pm$ 34.678 χ^2 /NDF: 19.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 47.463 $\pm$ 33.438 χ^2 /NDF: 12.7/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

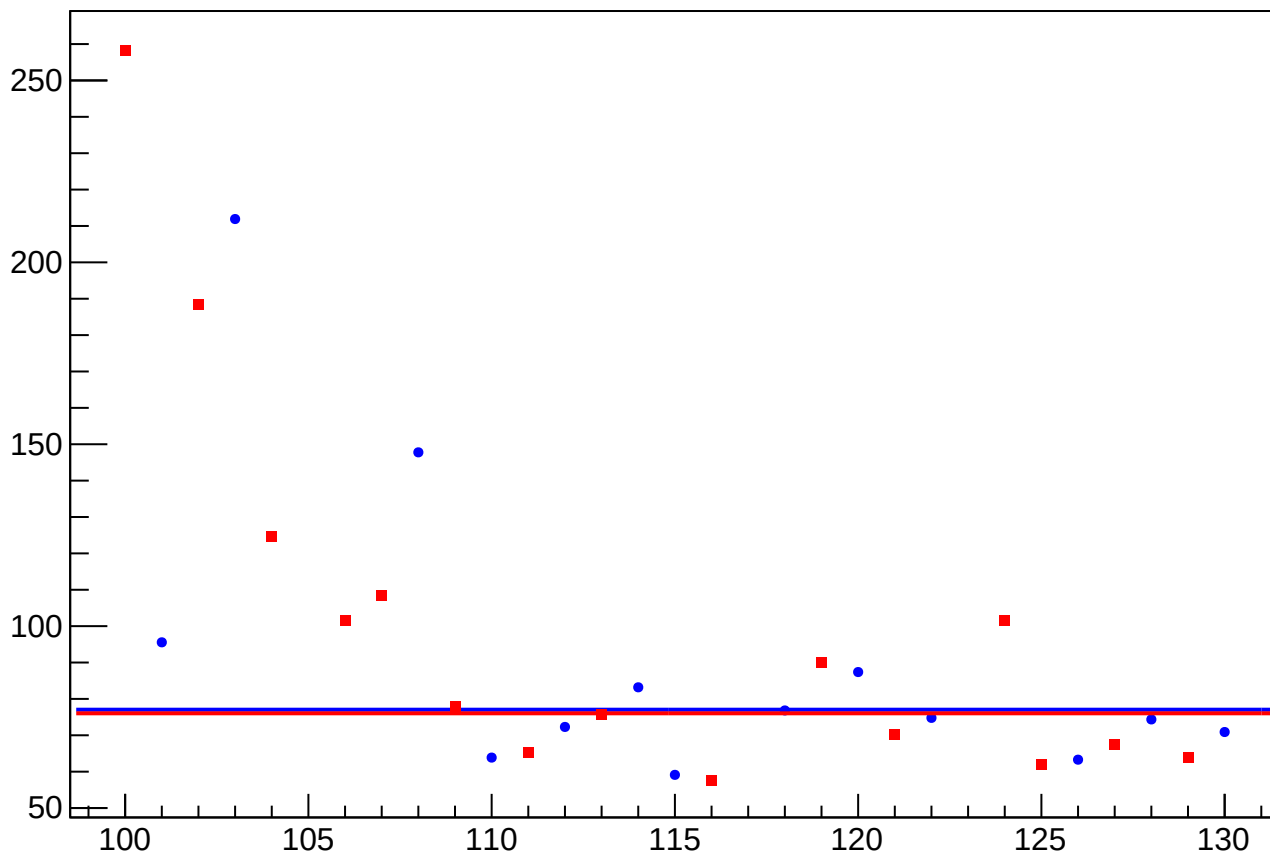
Right: 37.096 $\pm$ 24.071 χ^2 /NDF: 32.3/27

In: 25.947 $\pm$ 34.678 χ^2 /NDF:19.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 37.096 $\pm$ 24.071 χ^2 /NDF: 32.3/27

eigen_dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 77.032+/-0.025 χ^2/NDF : 818869.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.039+/-0.024 χ^2/NDF : 931357.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

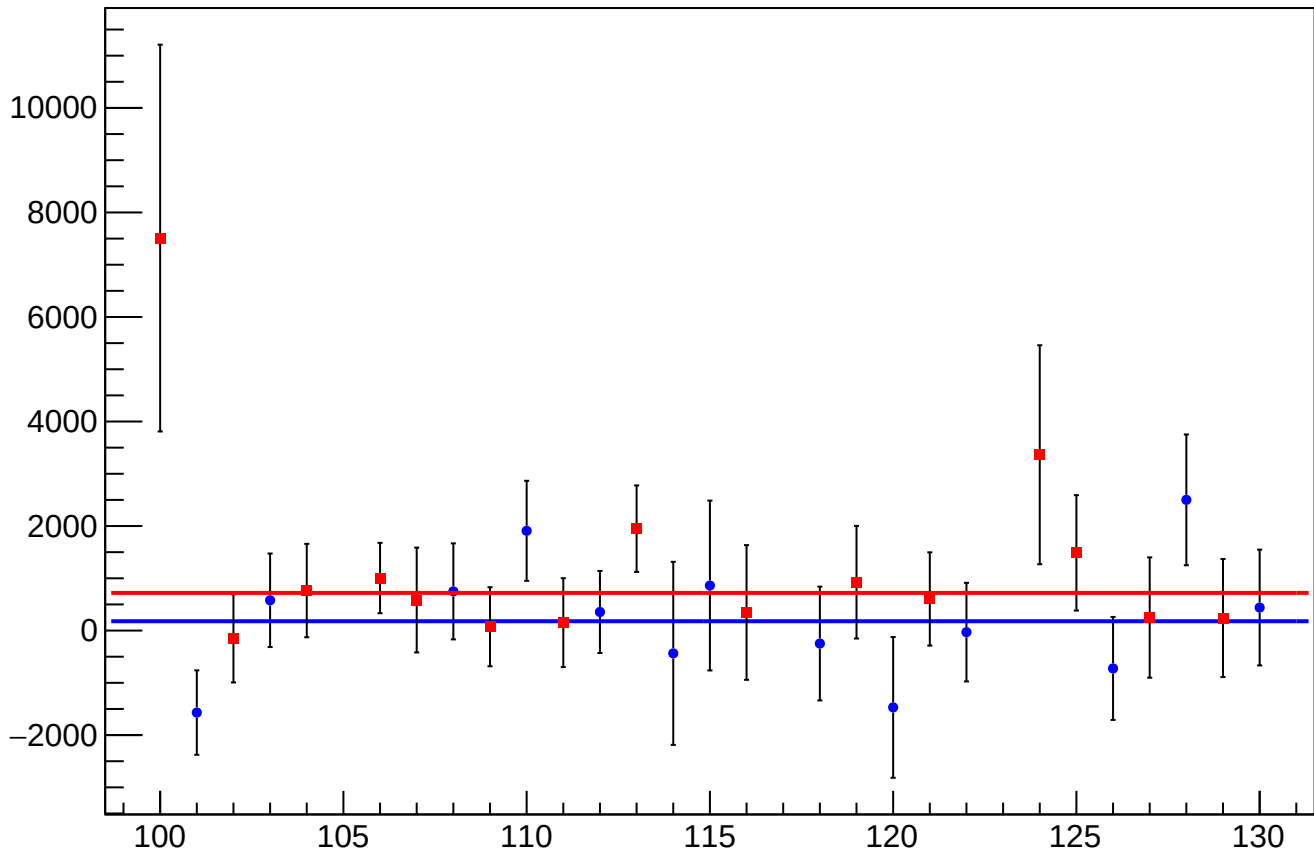
Right: 76.517+/-0.017 χ^2/NDF : 1751077.2/27

In: 77.032+/-0.025 χ^2/NDF : 818869.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.517+/-0.017 χ^2/NDF : 1751077.2/27

asym_sam_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 178.407 $\pm$ 284.144 χ^2 /NDF: 14.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 720.850 $\pm$ 251.370 χ^2 /NDF: 10.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

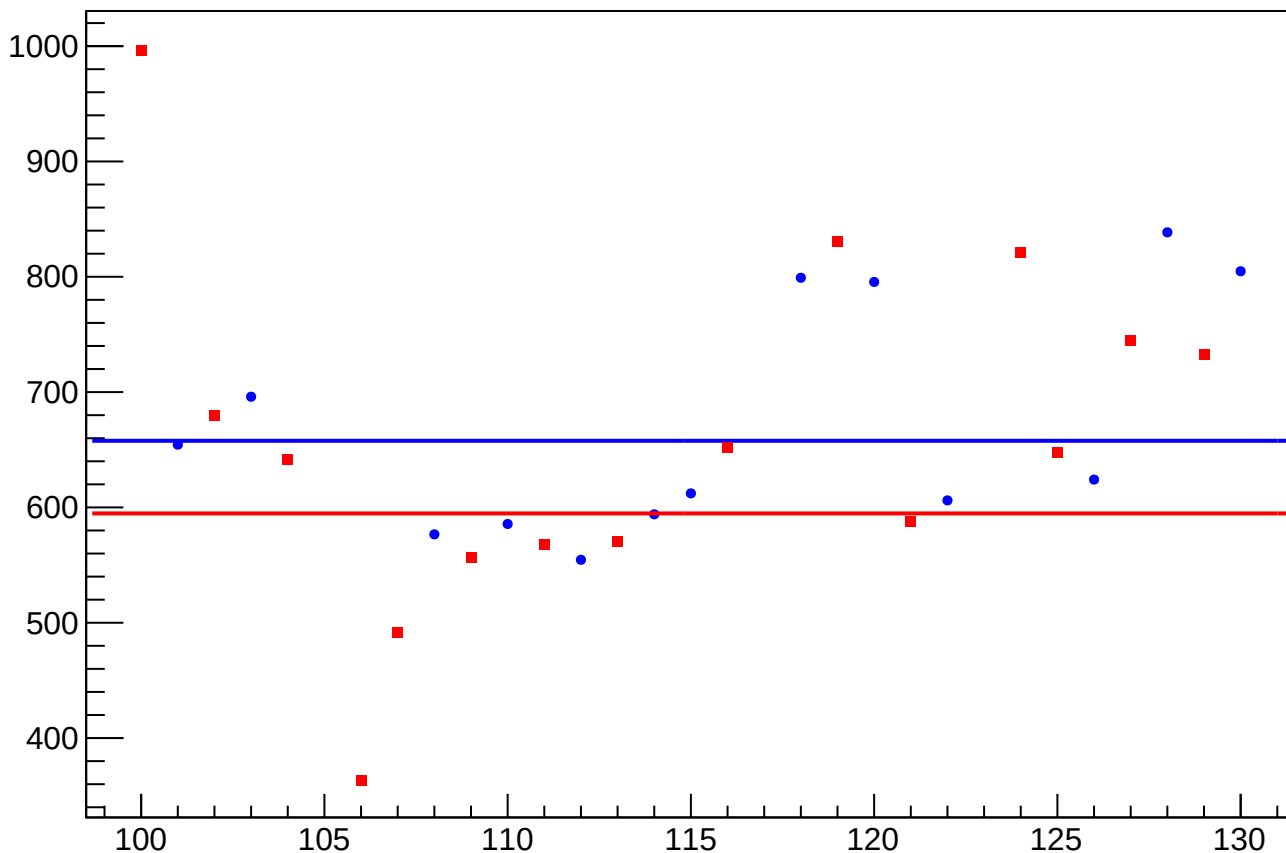
Right: 482.702 $\pm$ 188.271 χ^2 /NDF: 27.5/27

In: 178.407 $\pm$ 284.144 χ^2 /NDF:14.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 482.702 $\pm$ 188.271 χ^2 /NDF: 27.5/27

asym_sam_37_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 657.779+/-0.201 χ^2/NDF : 209336.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 594.791+/-0.178 χ^2/NDF : 507453.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

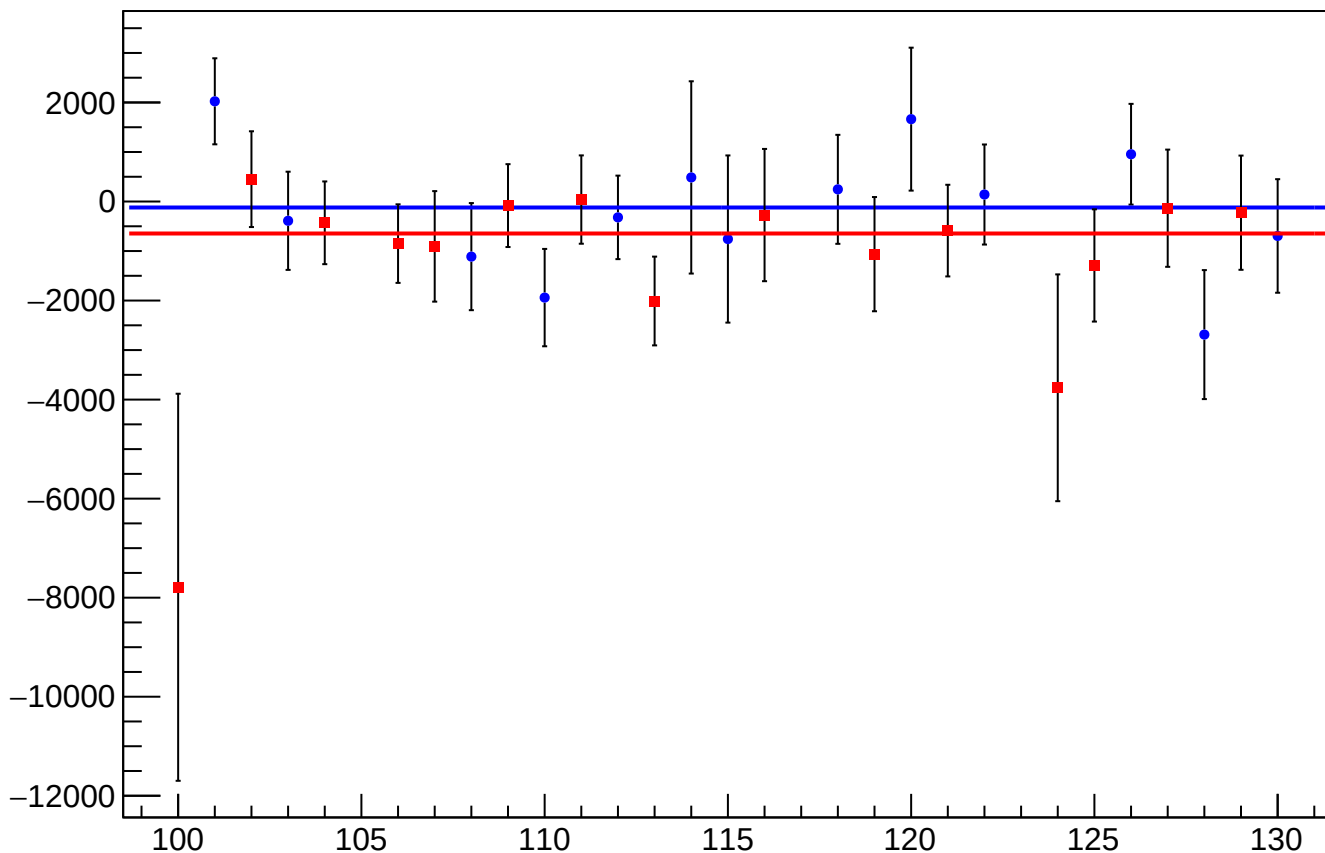
Right: 622.445+/-0.133 χ^2/NDF : 771921.1/27

In: 657.779+/-0.201 χ^2/NDF : 209336.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 622.445+/-0.133 χ^2/NDF : 771921.1/27

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: -120.816 ± 303.485 $\chi^2/\text{NDF}: 17.7/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -645.940 ± 269.139 $\chi^2/\text{NDF}: 10.9/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

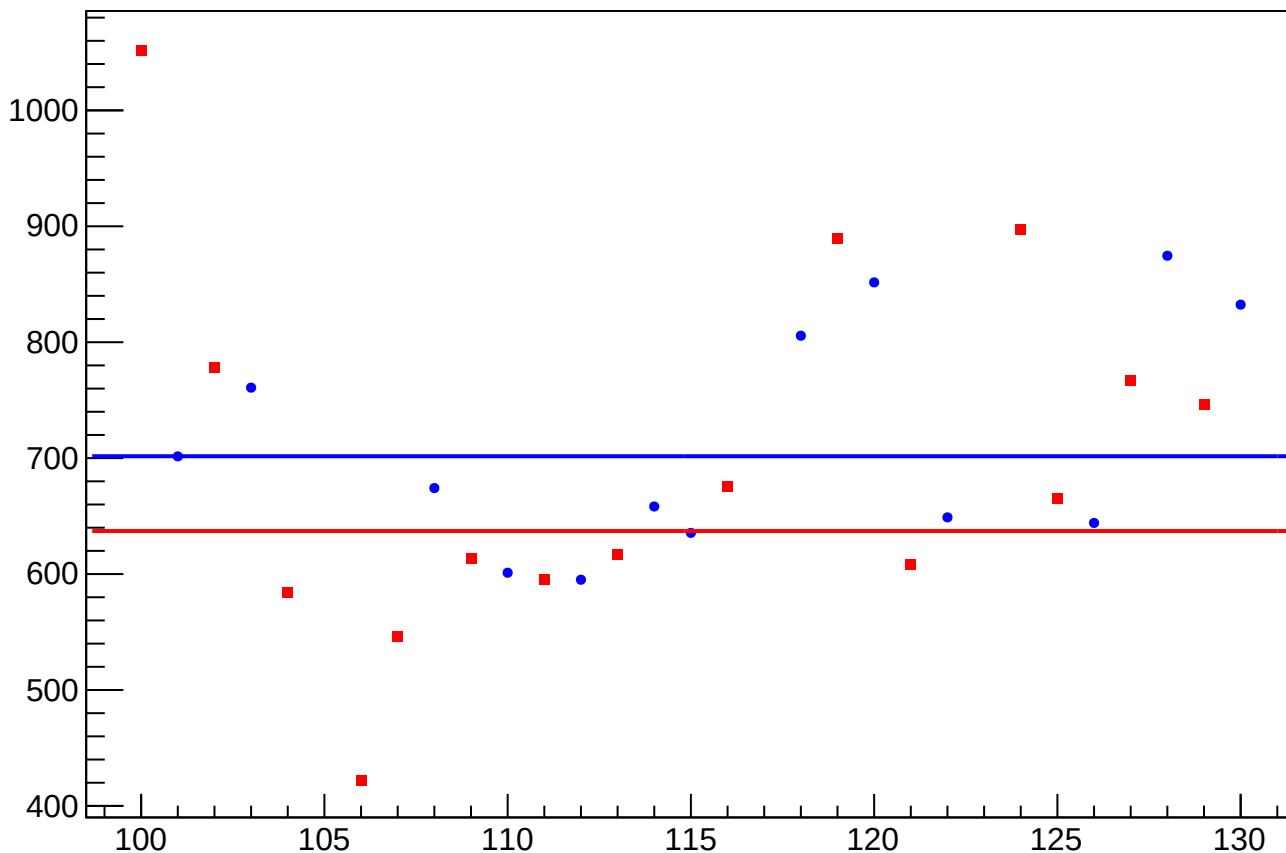
Right: -414.762 ± 201.363 $\chi^2/\text{NDF}: 30.2/27$

In: -120.816 ± 303.485 $\chi^2/\text{NDF}: 17.7/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -414.762 ± 201.363 $\chi^2/\text{NDF}: 30.2/27$

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 701.641+/-0.215 χ^2/NDF : 177872.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 637.125+/-0.190 χ^2/NDF : 408123.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

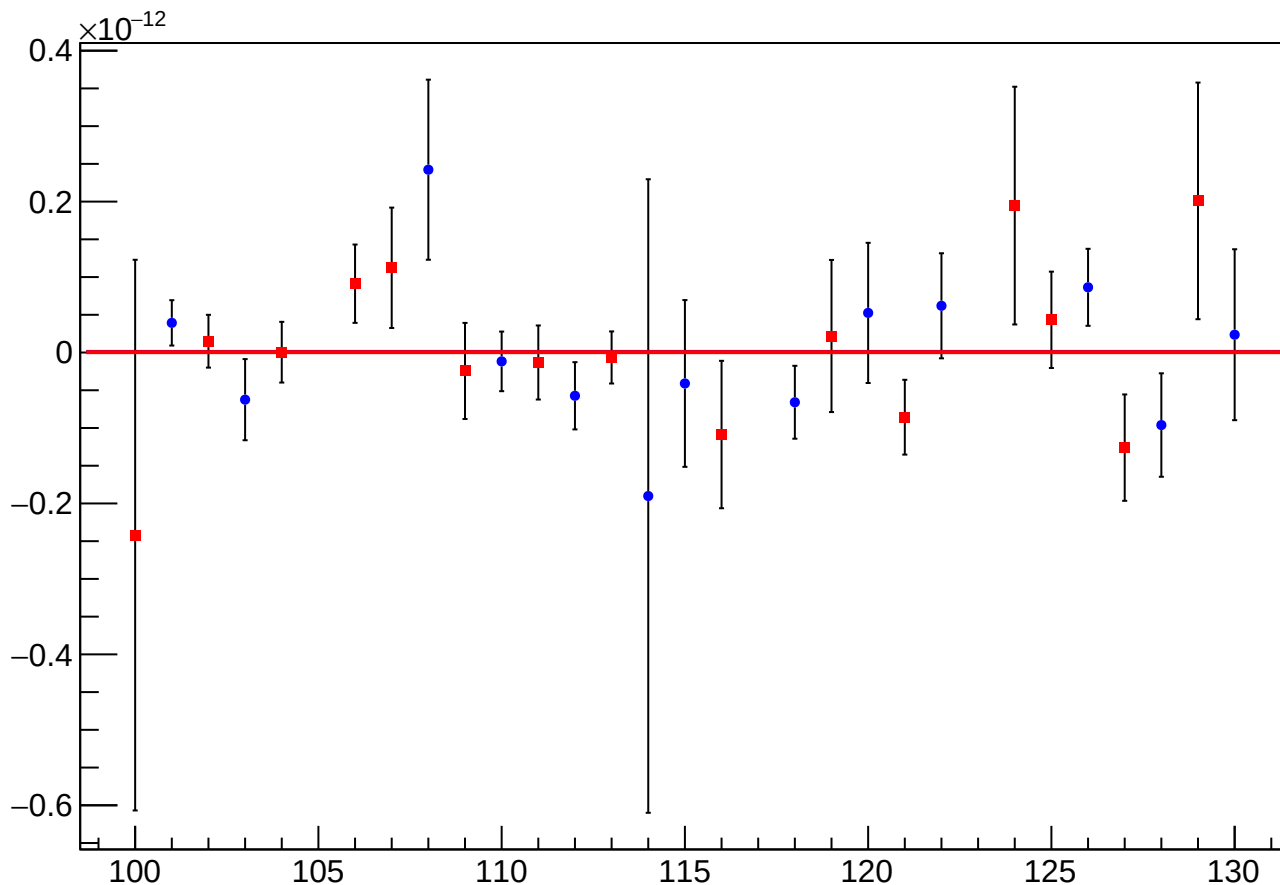
Right: 665.527+/-0.142 χ^2/NDF : 636590.7/27

In: 701.641+/-0.215 χ^2/NDF : 177872.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 665.527+/-0.142 χ^2/NDF : 636590.7/27

asym_sam_37_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 17.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

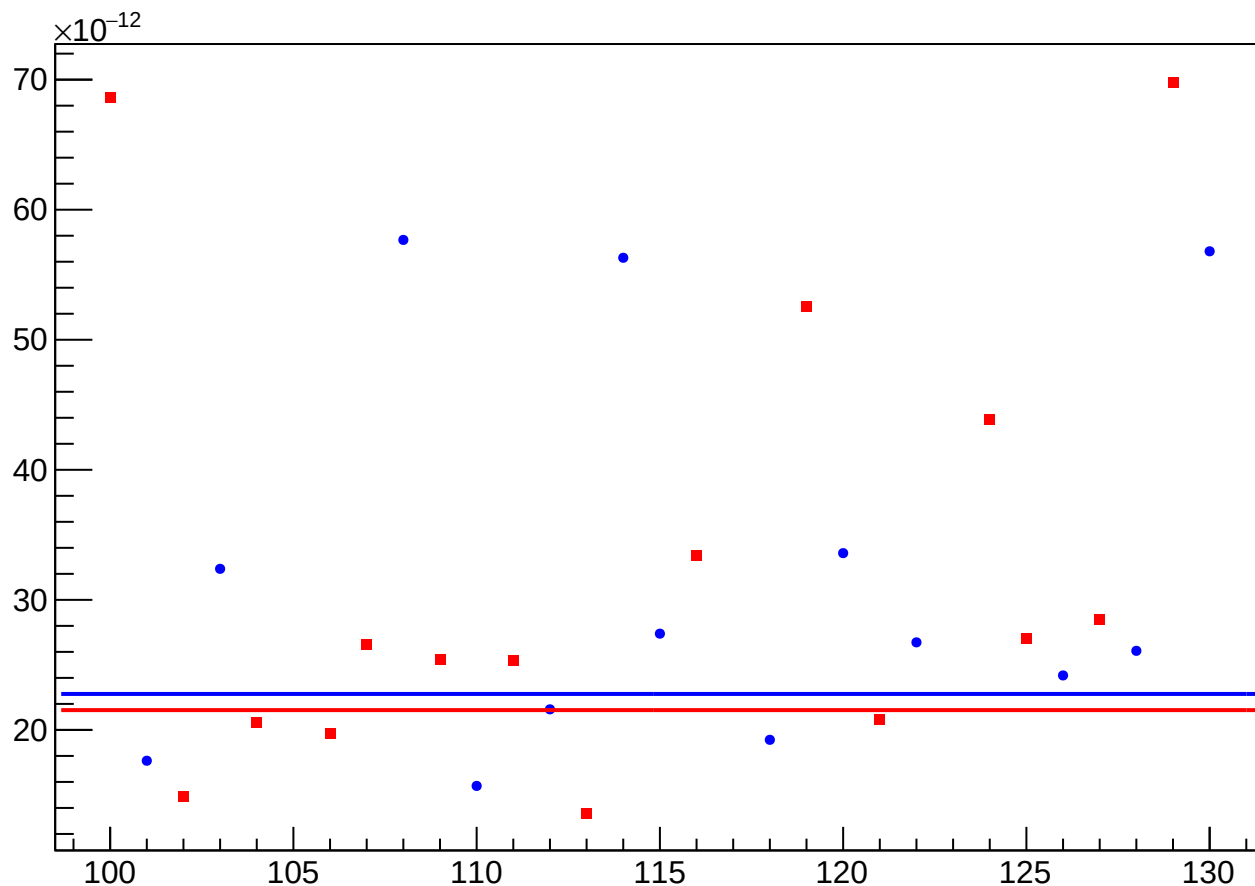
Right: 0.000+/-0.000 χ^2/NDF : 34.2/27

In: 0.000+/-0.000 χ^2/NDF : 17.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 34.2/27

asym_sam_37_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 606657.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 726941.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

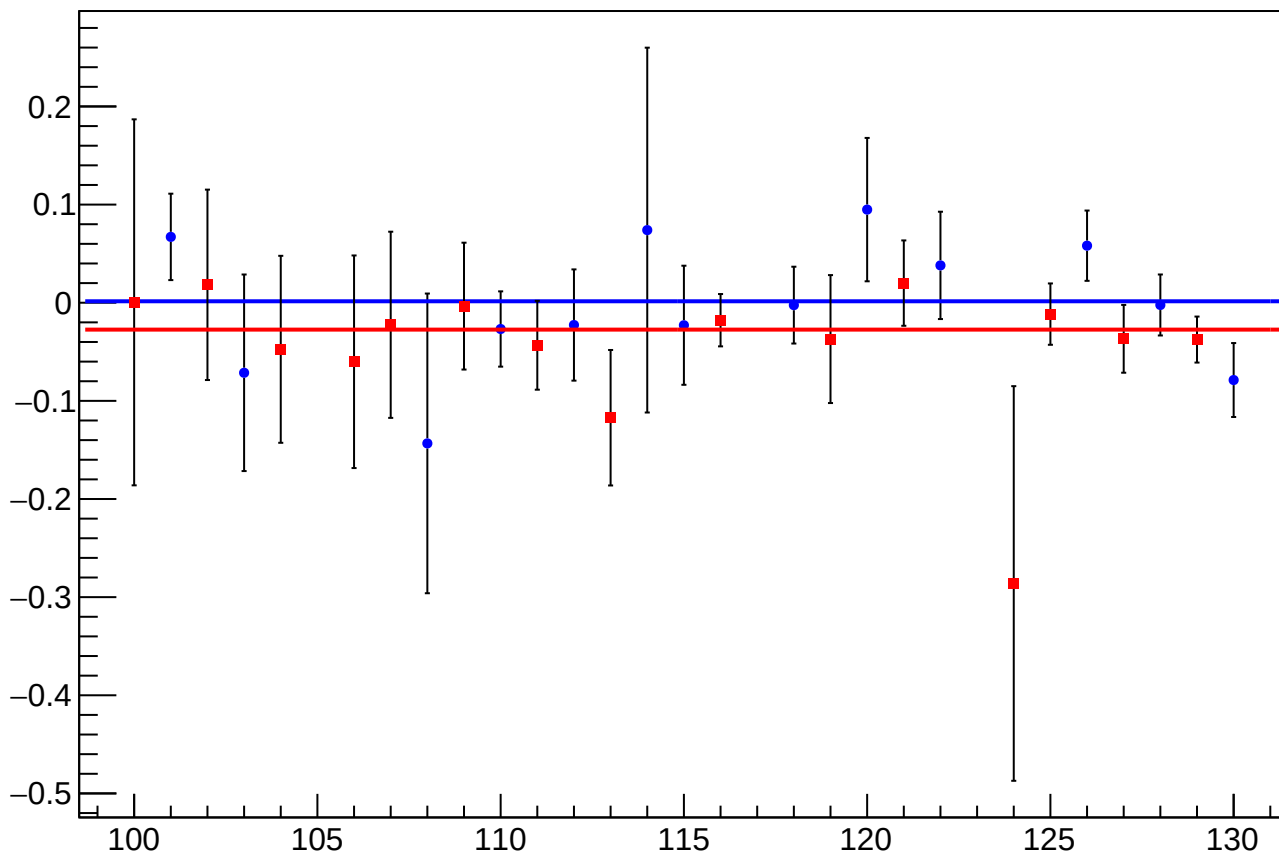
Right: 0.000+/-0.000 χ^2/NDF : 1340382.7/27

In: 0.000+/-0.000 χ^2/NDF : 606657.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1340382.7/27

asym_sam_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.013 χ^2/NDF : 13.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.027+/-0.012 χ^2/NDF : 5.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

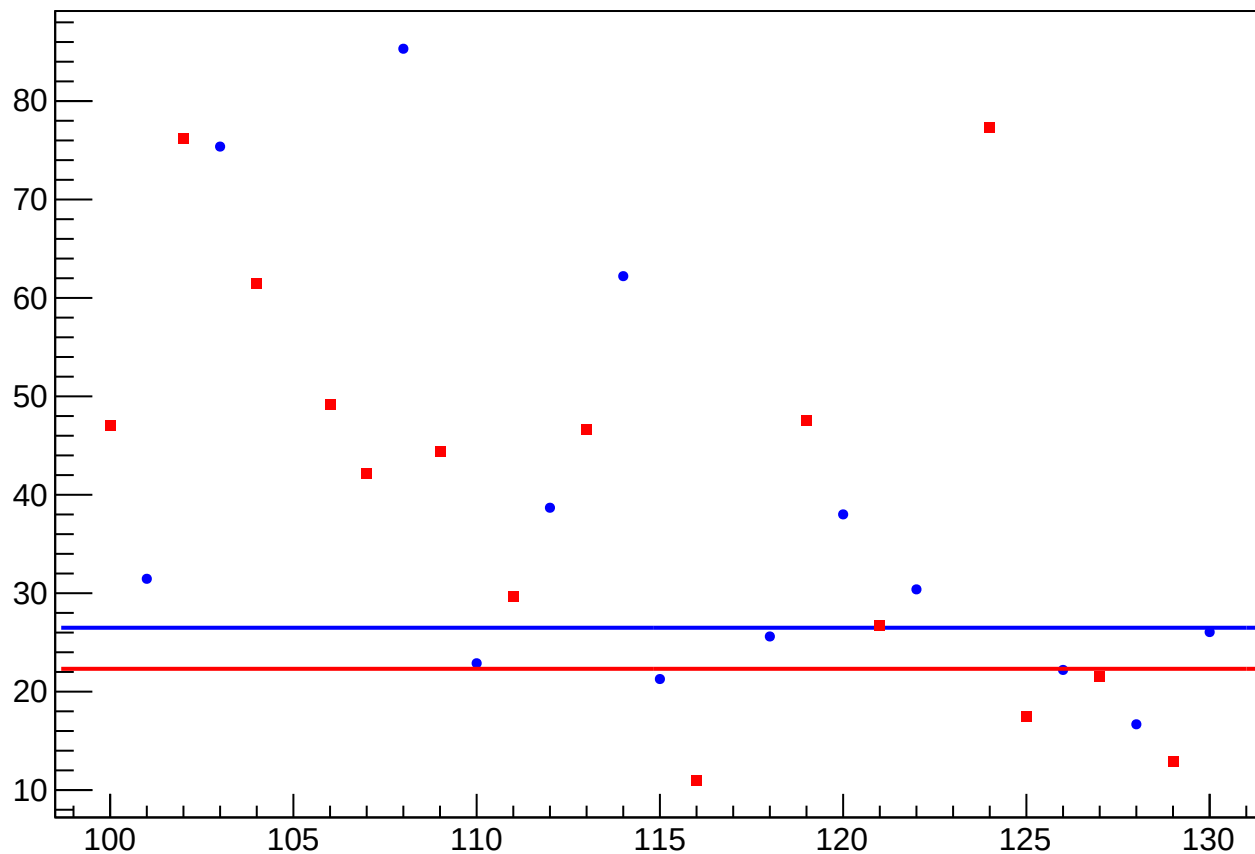
Right: -0.015+/-0.009 χ^2/NDF : 22.3/27

In: 0.001+/-0.013 χ^2/NDF : 13.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.015+/-0.009 χ^2/NDF : 22.3/27

asym_sam_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.492 $\pm$ 0.009 χ^2 /NDF: 1286919.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.319 $\pm$ 0.008 χ^2 /NDF: 2941607.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

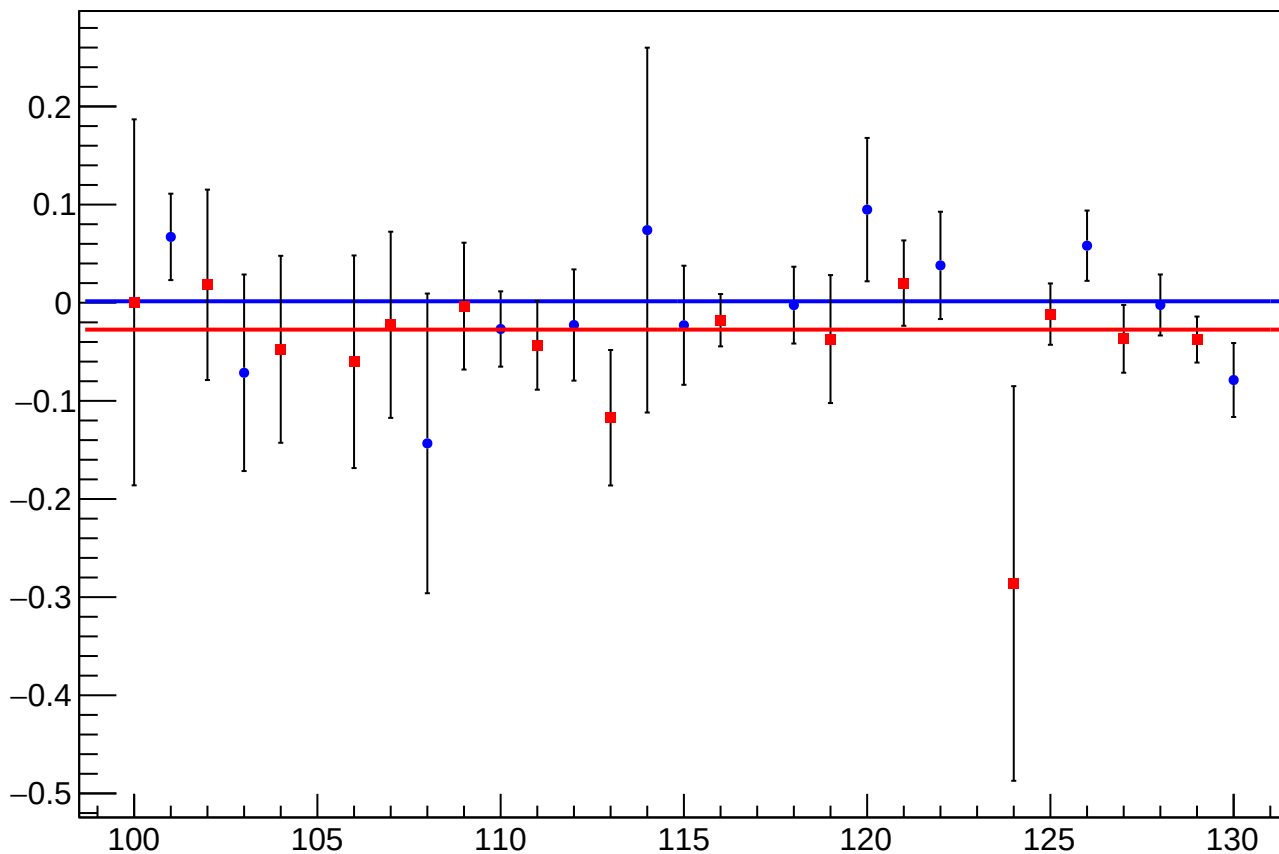
Right: 24.145 $\pm$ 0.006 χ^2 /NDF: 4339072.2/27

In: 26.492 $\pm$ 0.009 χ^2 /NDF: 1286919.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.145 $\pm$ 0.006 χ^2 /NDF: 4339072.2/27

asym_sam_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.013 χ^2 /NDF: 13.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.027 $\pm$ 0.012 χ^2 /NDF: 5.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

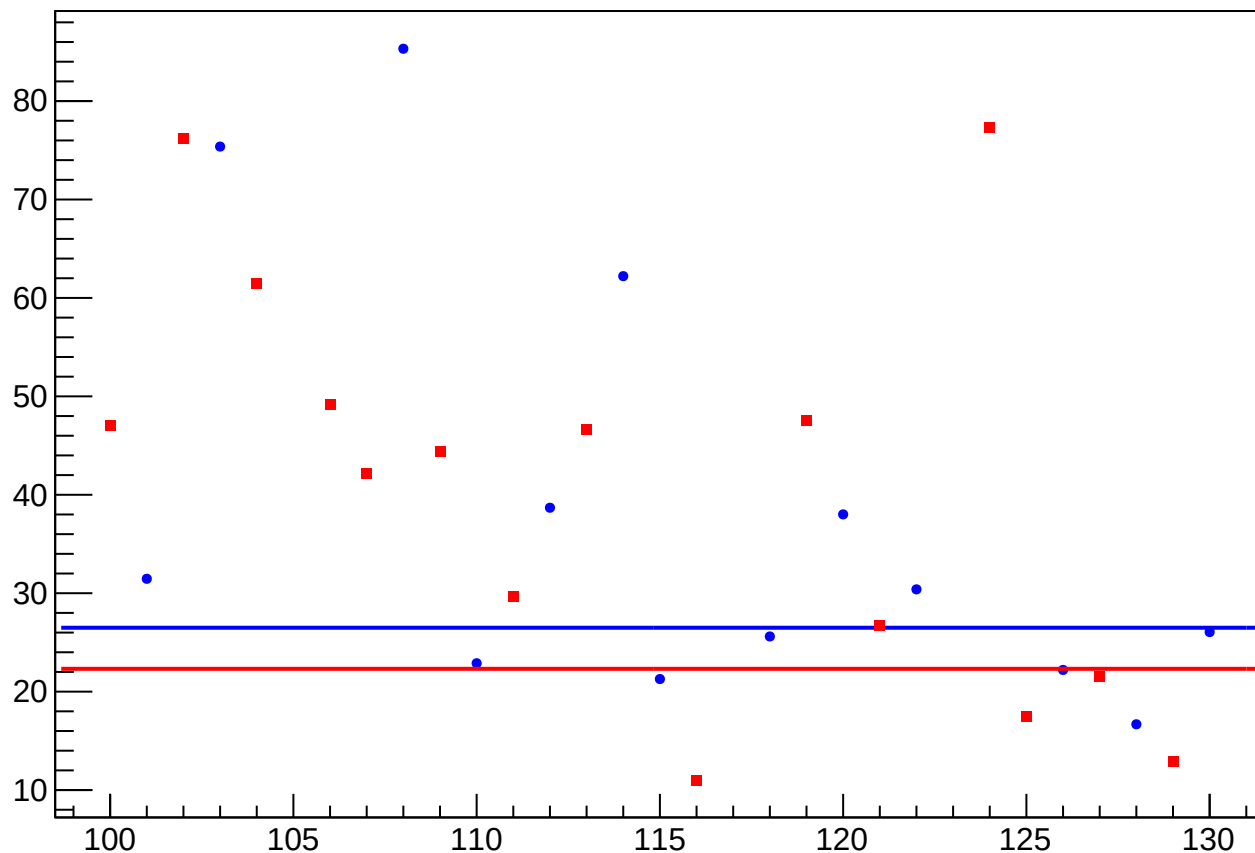
Right: -0.015 $\pm$ 0.009 χ^2 /NDF: 22.3/27

In: 0.001 $\pm$ 0.013 χ^2 /NDF:13.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.015 $\pm$ 0.009 χ^2 /NDF: 22.3/27

asym_sam_37_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.492+/-0.009 χ^2/NDF : 1286919.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.319+/-0.008 χ^2/NDF : 2941607.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

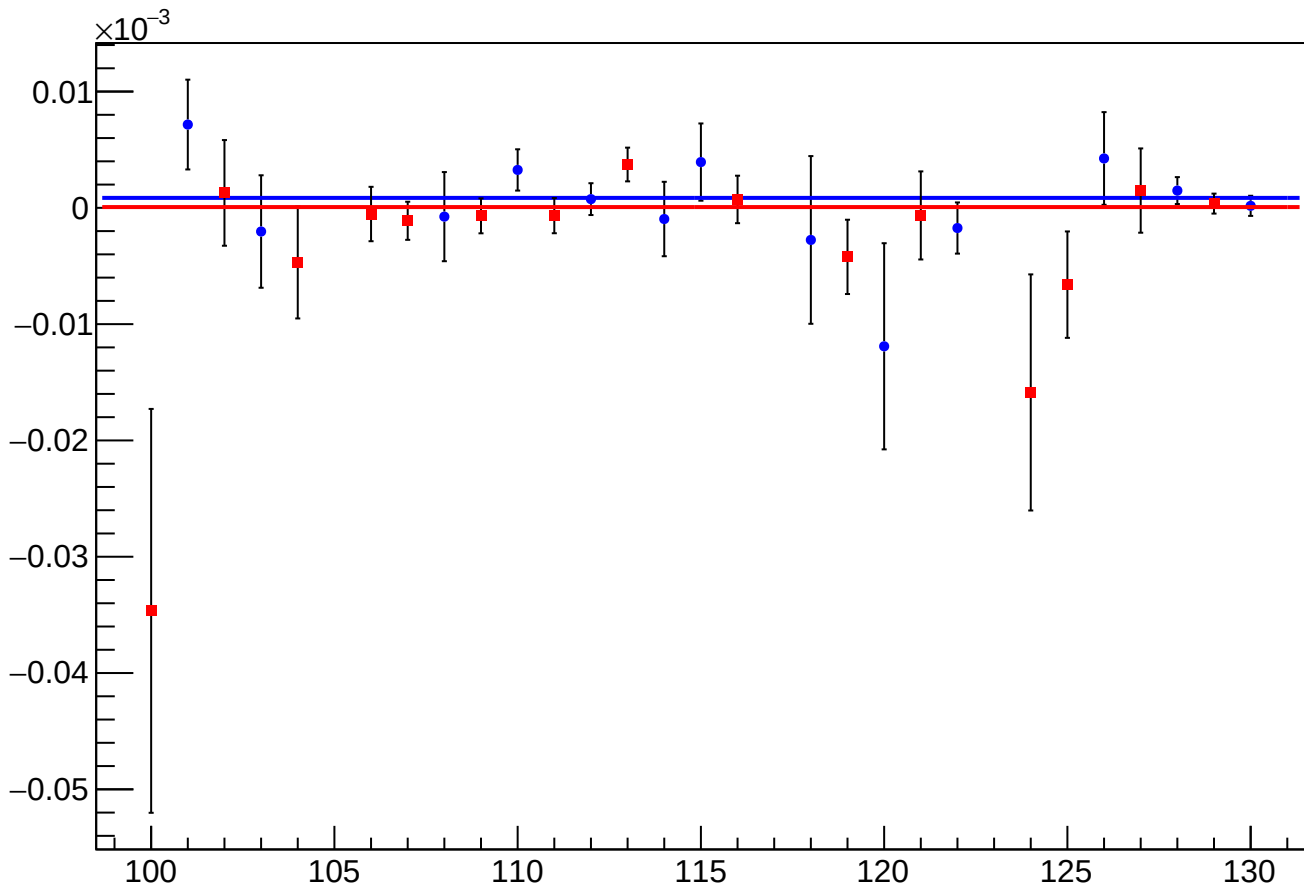
Right: 24.145+/-0.006 χ^2/NDF : 4339072.2/27

In: 26.492+/-0.009 χ^2/NDF : 1286919.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.145+/-0.006 χ^2/NDF : 4339072.2/27

asym_sam_37_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 19.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

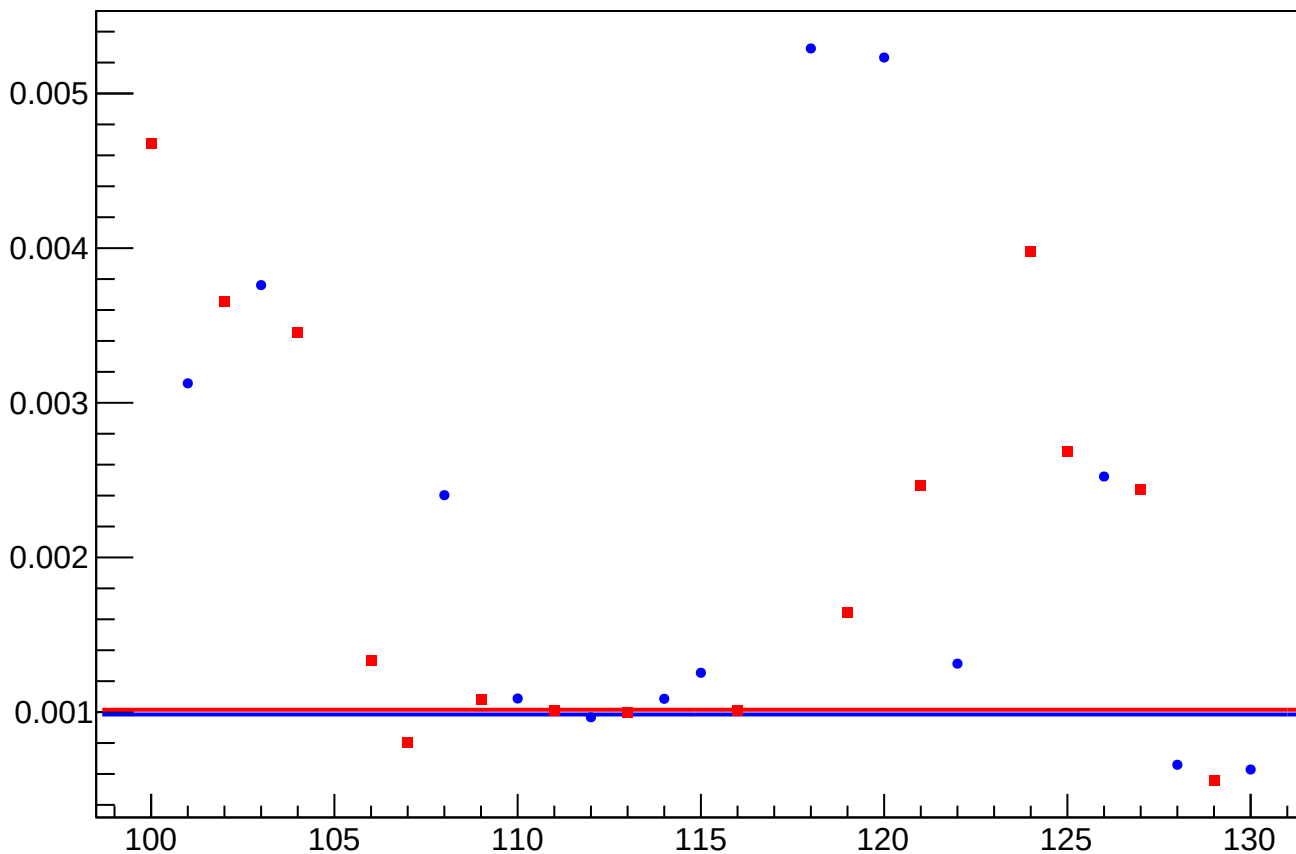
Right: 0.000+/-0.000 χ^2/NDF : 32.0/27

In: 0.000+/-0.000 χ^2/NDF : 11.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 32.0/27

asym_sam_37_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 3583066.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3042859.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

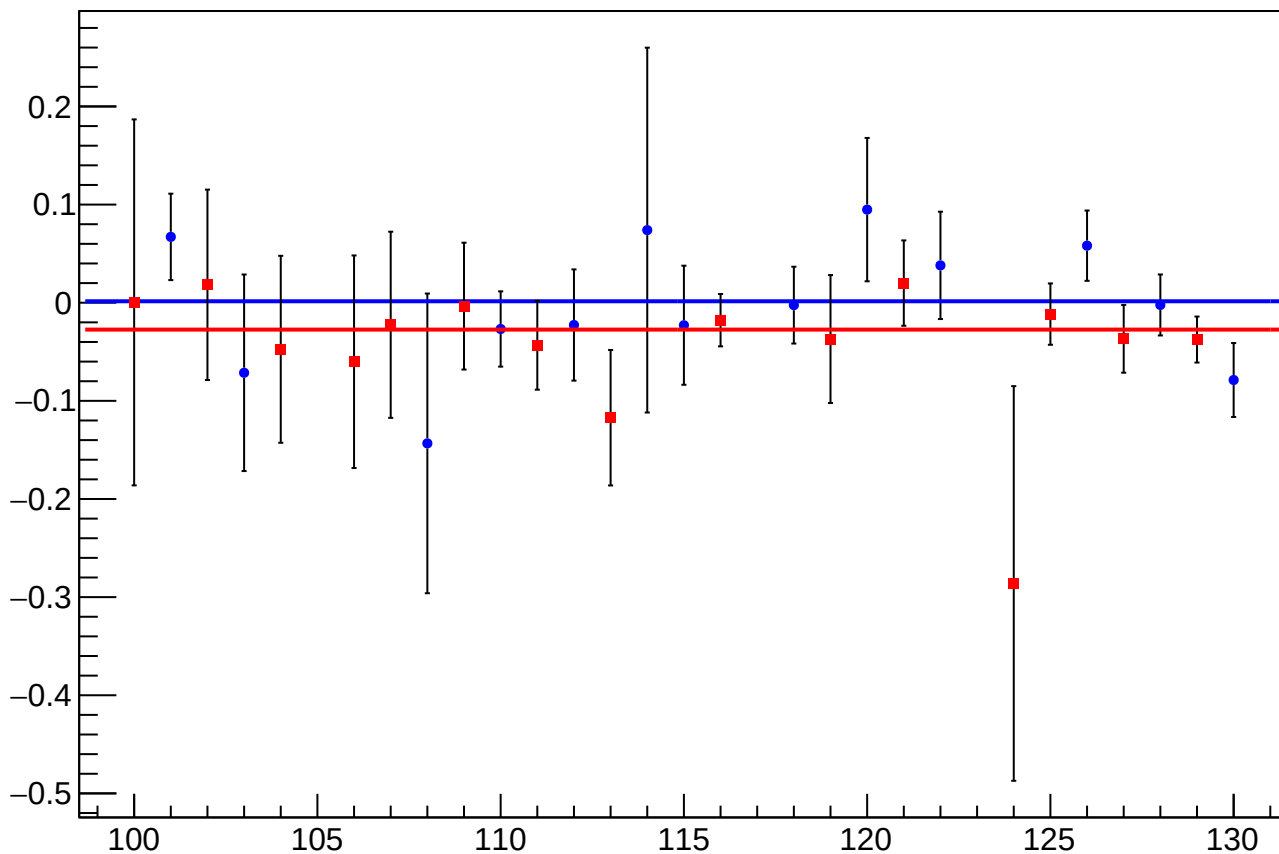
Right: 0.001+/-0.000 χ^2/NDF : 6629440.1/27

In: 0.001+/-0.000 χ^2/NDF : 3583066.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6629440.1/27

asym_sam_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.013 χ^2 /NDF: 13.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.027 $\pm$ 0.012 χ^2 /NDF: 5.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

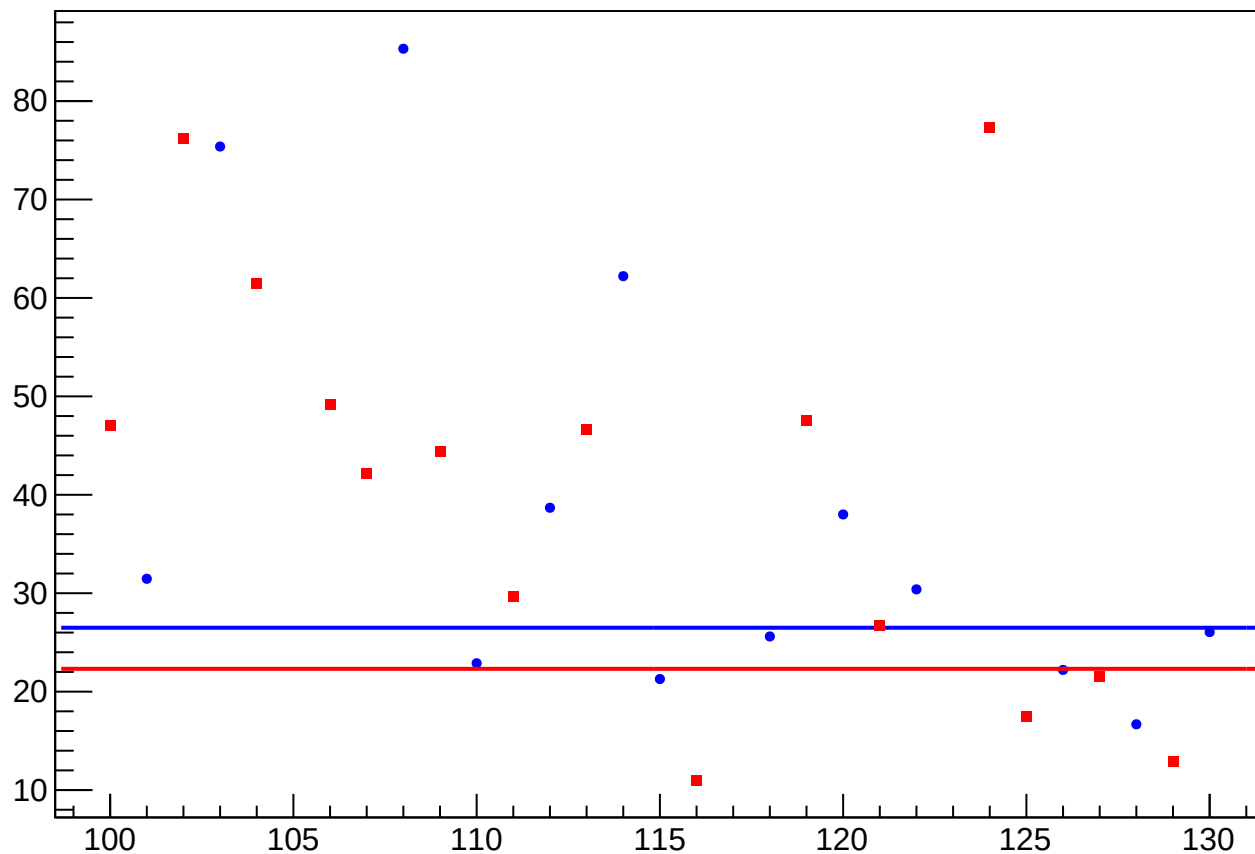
Right: -0.015 $\pm$ 0.009 χ^2 /NDF: 22.3/27

In: 0.001 $\pm$ 0.013 χ^2 /NDF:13.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.015 $\pm$ 0.009 χ^2 /NDF: 22.3/27

asym_sam_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.492+/-0.009 χ^2/NDF : 1286877.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.320+/-0.008 χ^2/NDF : 2941458.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

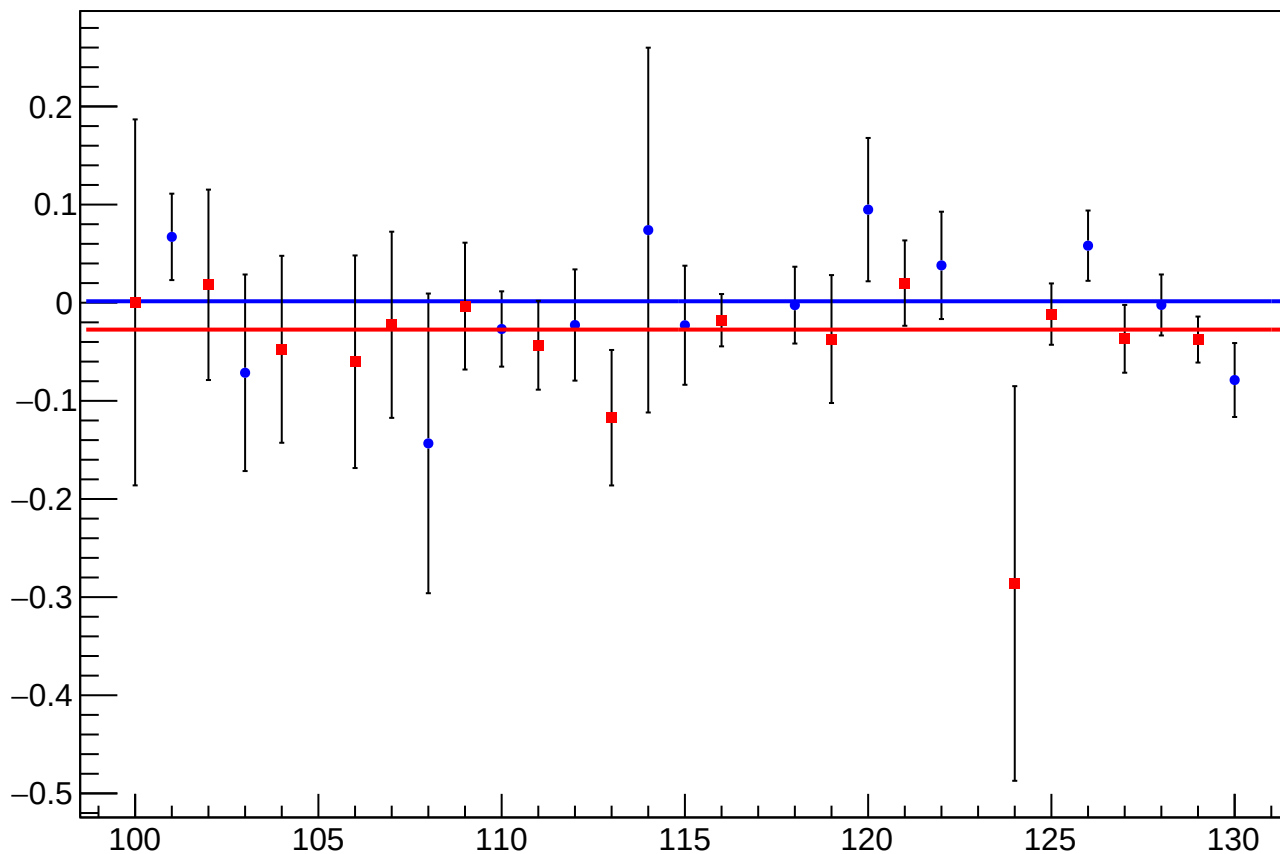
Right: 24.146+/-0.006 χ^2/NDF : 4338871.2/27

In: 26.492+/-0.009 χ^2/NDF : 1286877.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.146+/-0.006 χ^2/NDF : 4338871.2/27

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.013 χ^2 /NDF: 13.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.027 $\pm$ 0.012 χ^2 /NDF: 5.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

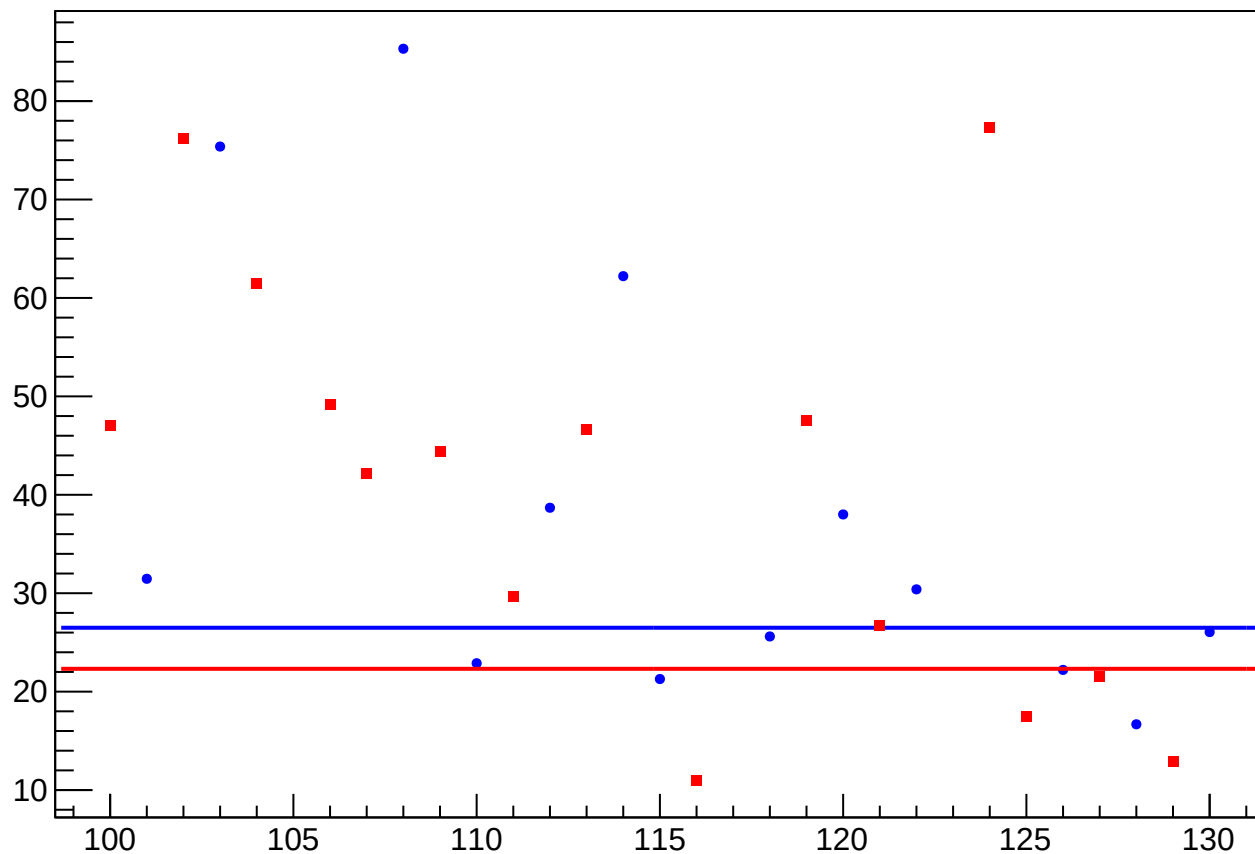
Right: -0.015 $\pm$ 0.009 χ^2 /NDF: 22.3/27

In: 0.001 $\pm$ 0.013 χ^2 /NDF:13.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.015 $\pm$ 0.009 χ^2 /NDF: 22.3/27

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.492+/-0.009 χ^2/NDF : 1286877.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.320+/-0.008 χ^2/NDF : 2941458.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

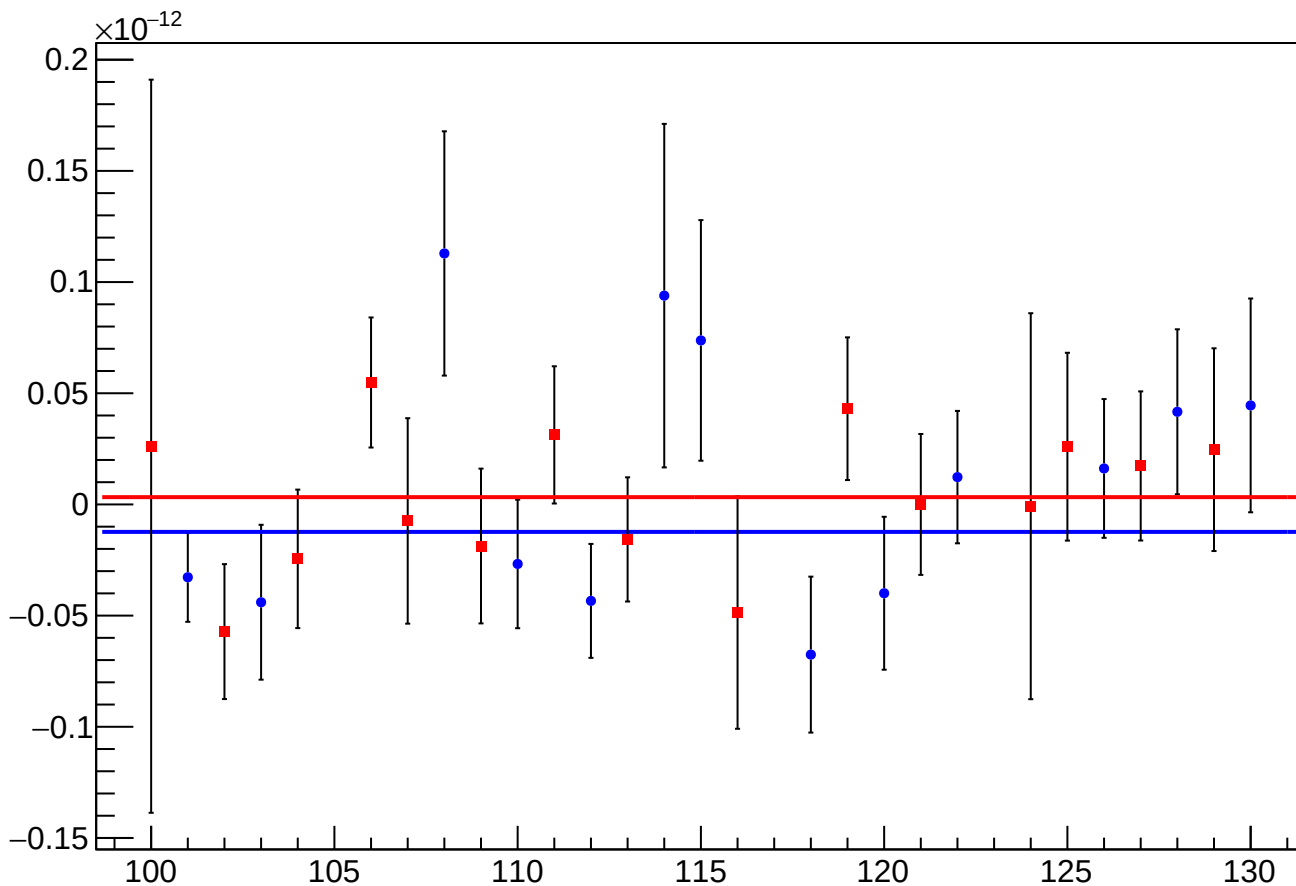
Right: 24.146+/-0.006 χ^2/NDF : 4338871.2/27

In: 26.492+/-0.009 χ^2/NDF : 1286877.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.146+/-0.006 χ^2/NDF : 4338871.2/27

asym_sam_37_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 21.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

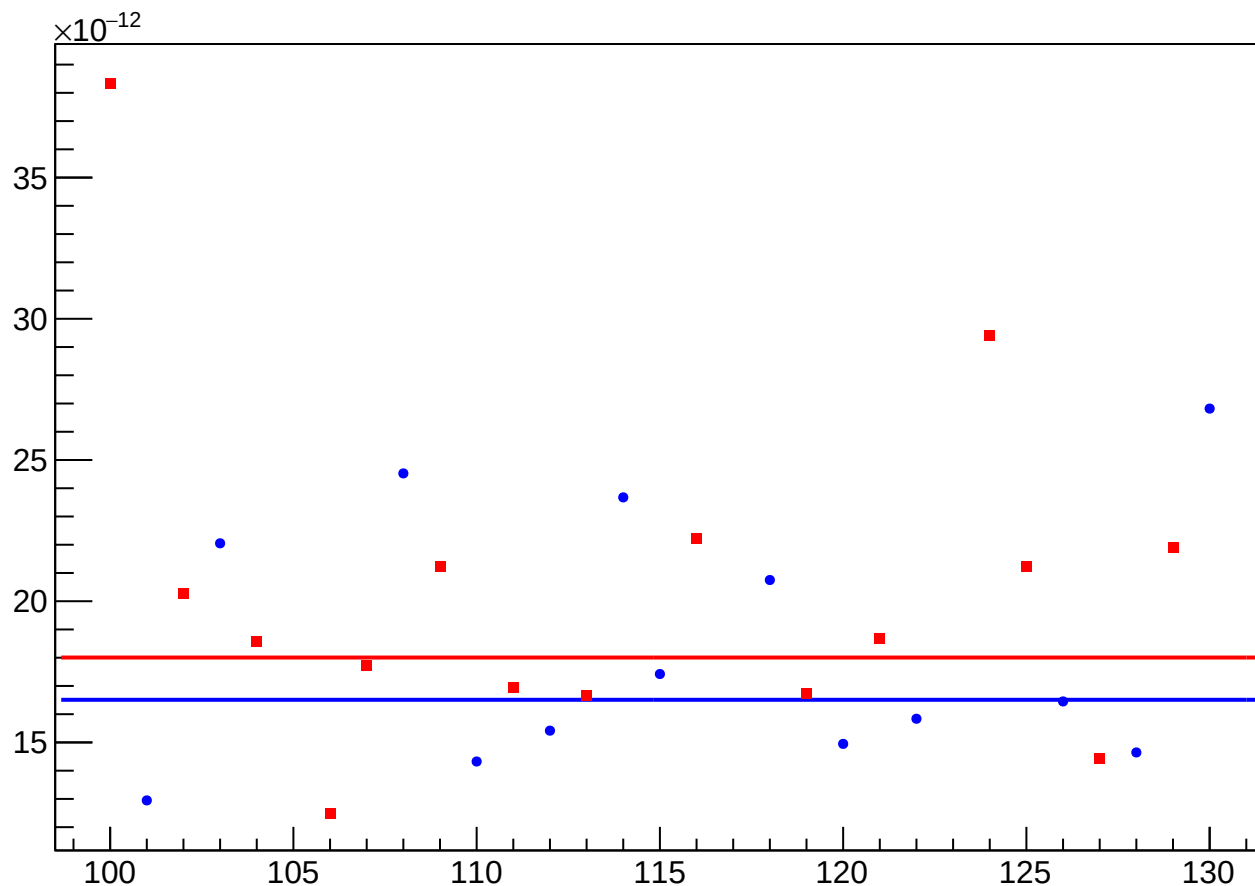
Right: -0.000+/-0.000 χ^2/NDF : 35.6/27

In: -0.000+/-0.000 χ^2/NDF : 21.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 35.6/27

asym_sam_37_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 320773.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 238124.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

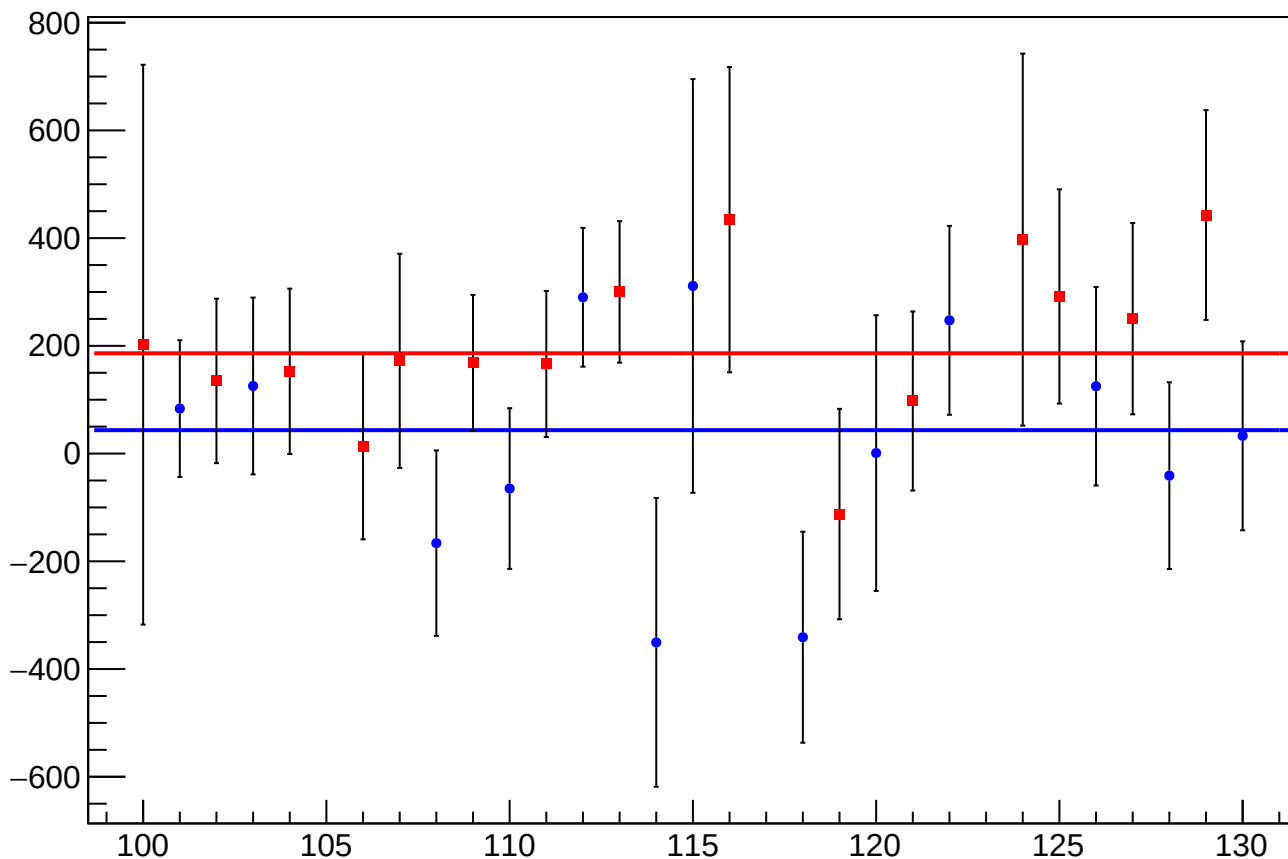
Right: 0.000+/-0.000 χ^2/NDF : 584853.0/27

In: 0.000+/-0.000 χ^2/NDF : 320773.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 584853.0/27

reg_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 43.447+/-48.345 χ^2/NDF : 14.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 186.196+/-45.180 χ^2/NDF : 7.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

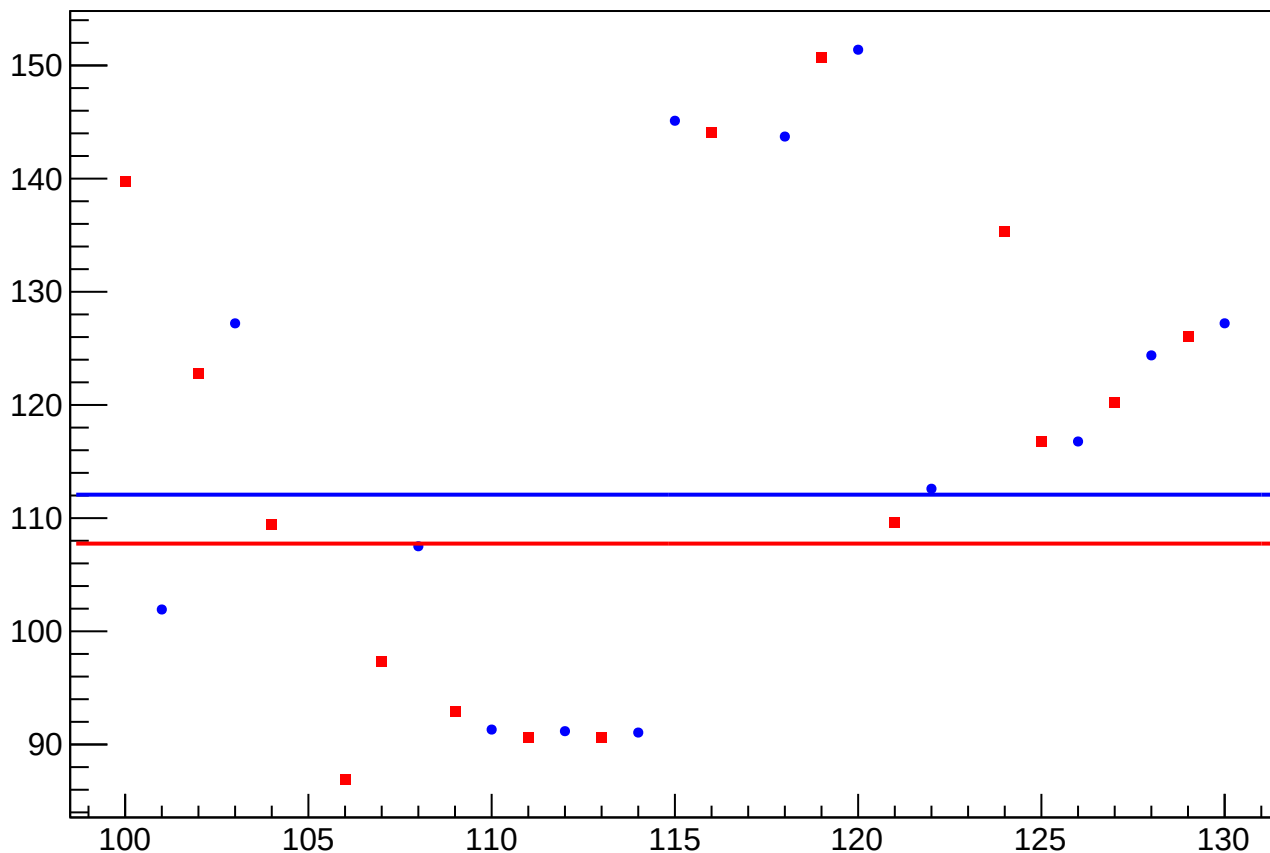
Right: 119.646+/-33.009 χ^2/NDF : 26.9/27

In: 43.447+/-48.345 χ^2/NDF : 14.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.646+/-33.009 χ^2/NDF : 26.9/27

reg_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 112.073+/-0.034 χ^2/NDF : 275304.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.750+/-0.032 χ^2/NDF : 330019.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

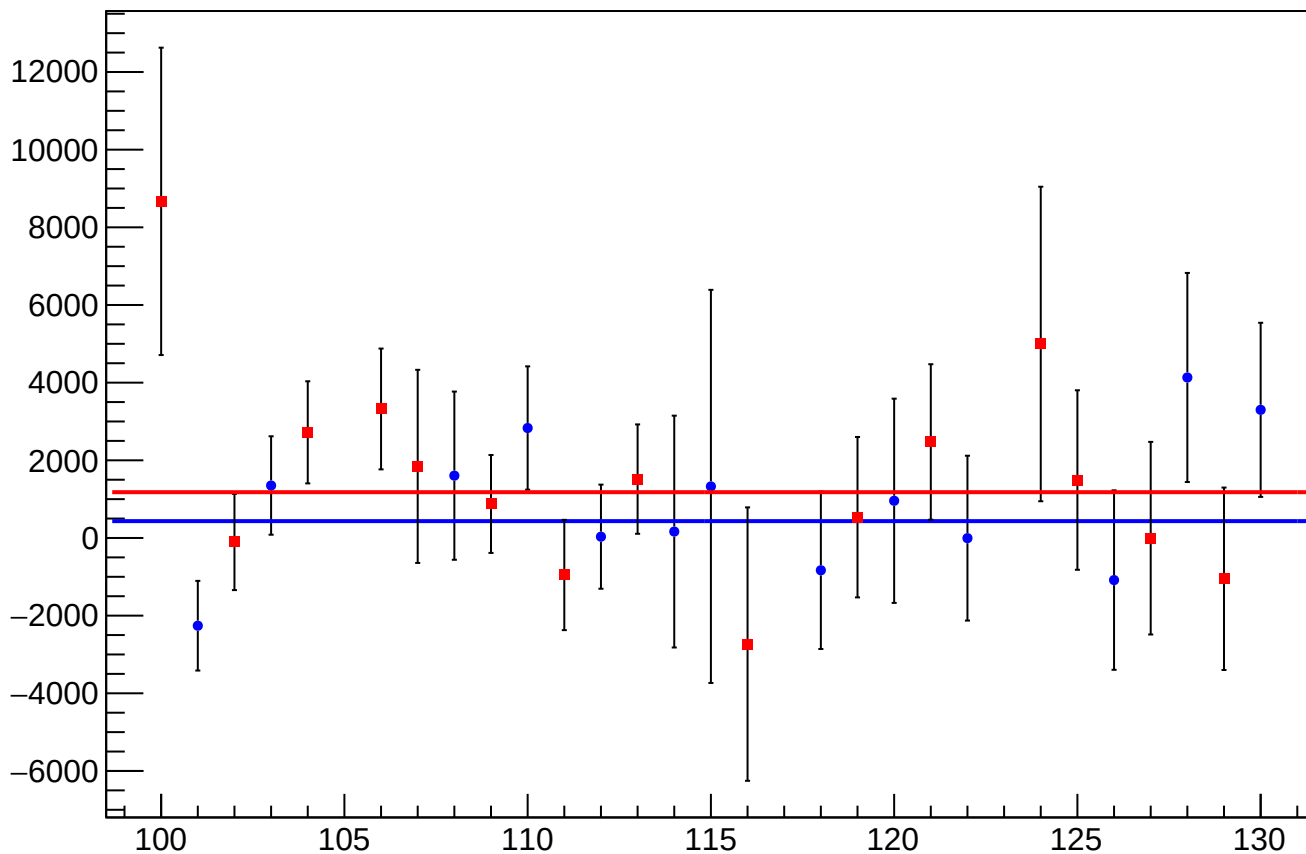
Right: 109.765+/-0.023 χ^2/NDF : 613863.9/27

In: 112.073+/-0.034 χ^2/NDF : 275304.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.765+/-0.023 χ^2/NDF : 613863.9/27

asym_sam_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 433.897+/-511.386 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1179.148+/-463.508 χ^2/NDF : 14.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

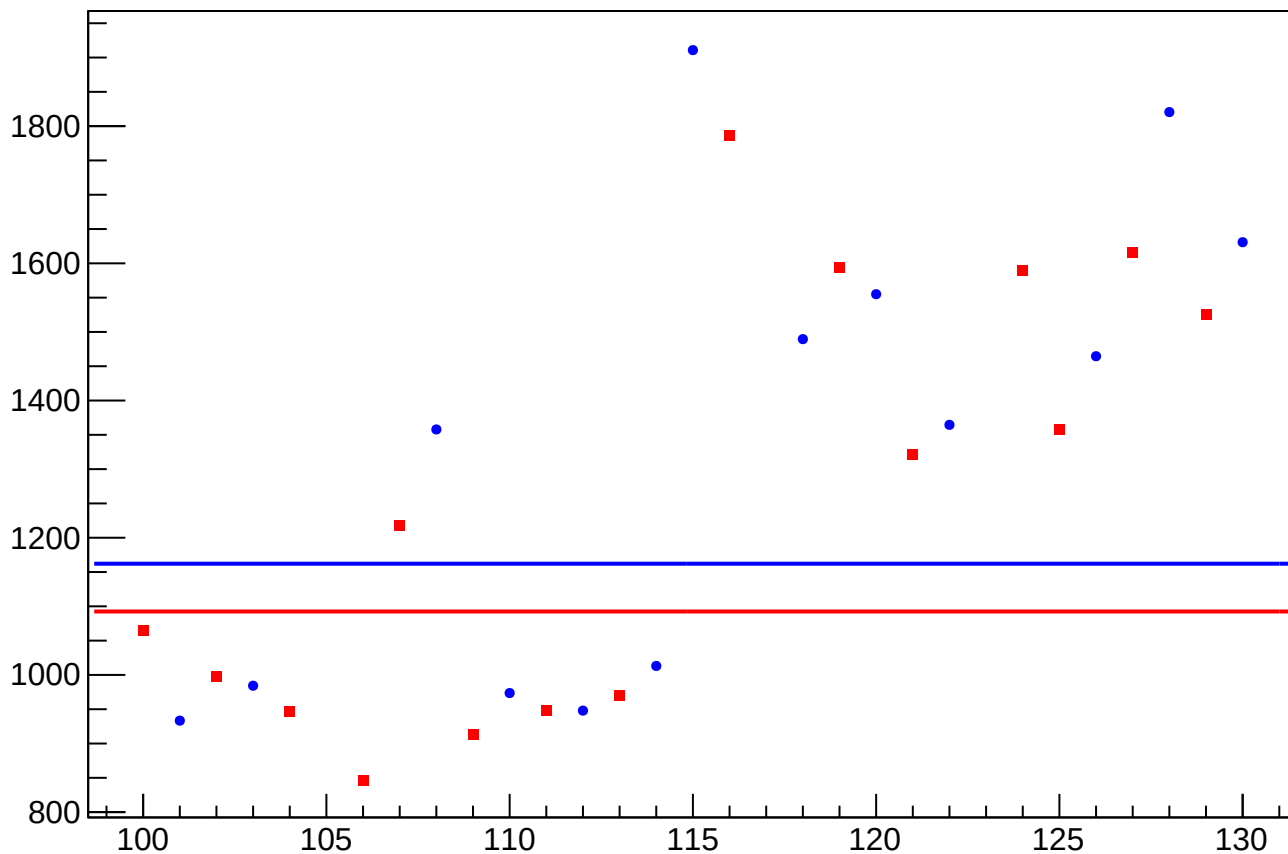
Right: 843.034+/-343.432 χ^2/NDF : 28.4/27

In: 433.897+/-511.386 χ^2/NDF : 13.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 843.034+/-343.432 χ^2/NDF : 28.4/27

asym_sam_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1162.133+/-0.362 χ^2/NDF : 618380.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1092.454+/-0.328 χ^2/NDF : 602272.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

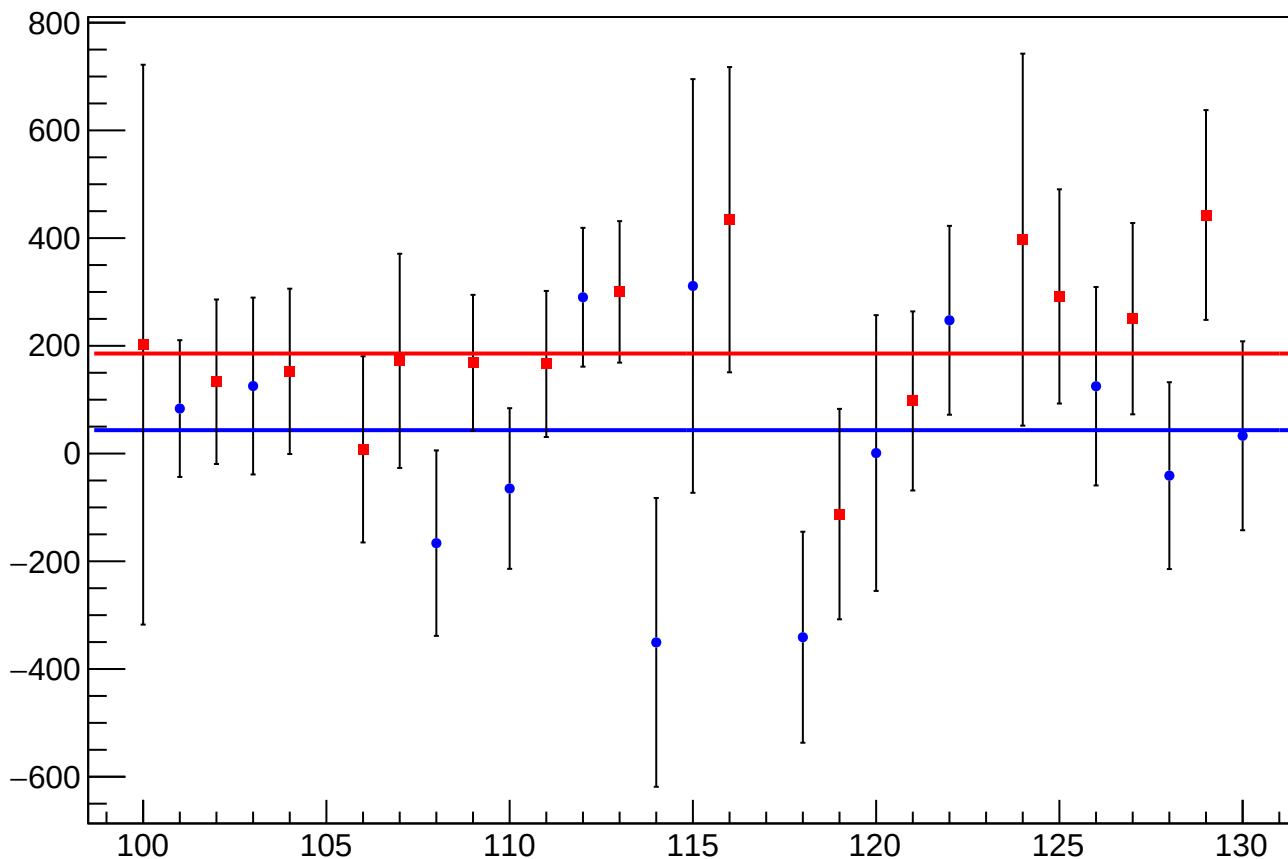
Right: 1123.879+/-0.243 χ^2/NDF : 1241036.8/27

In: 1162.133+/-0.362 χ^2/NDF : 618380.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1123.879+/-0.243 χ^2/NDF : 1241036.8/27

cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 43.429+/-48.345 χ^2/NDF : 14.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 185.711+/-45.188 χ^2/NDF : 7.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

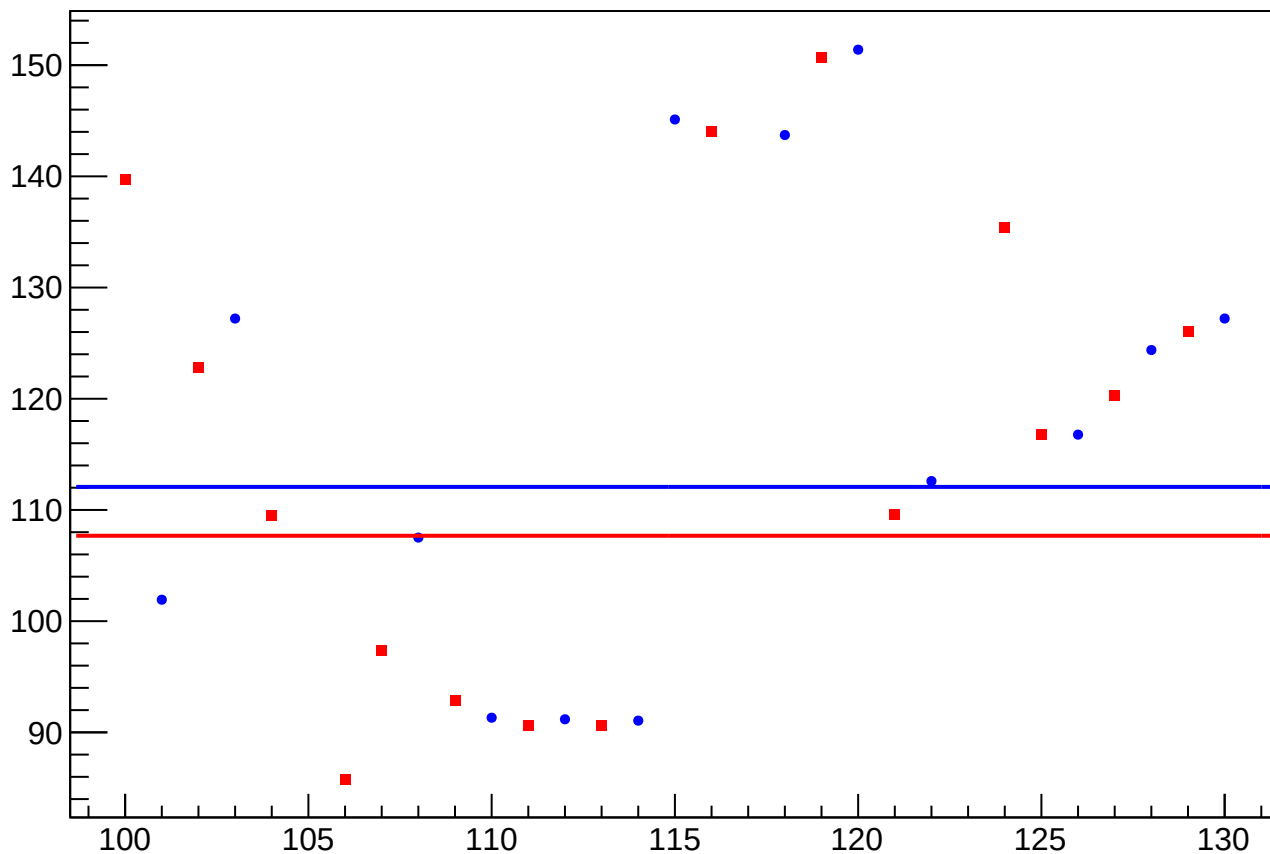
Right: 119.366+/-33.012 χ^2/NDF : 26.9/27

In: 43.429+/-48.345 χ^2/NDF : 14.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.366+/-33.012 χ^2/NDF : 26.9/27

cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 112.074+/-0.034 χ^2/NDF : 275305.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.680+/-0.032 χ^2/NDF : 333293.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

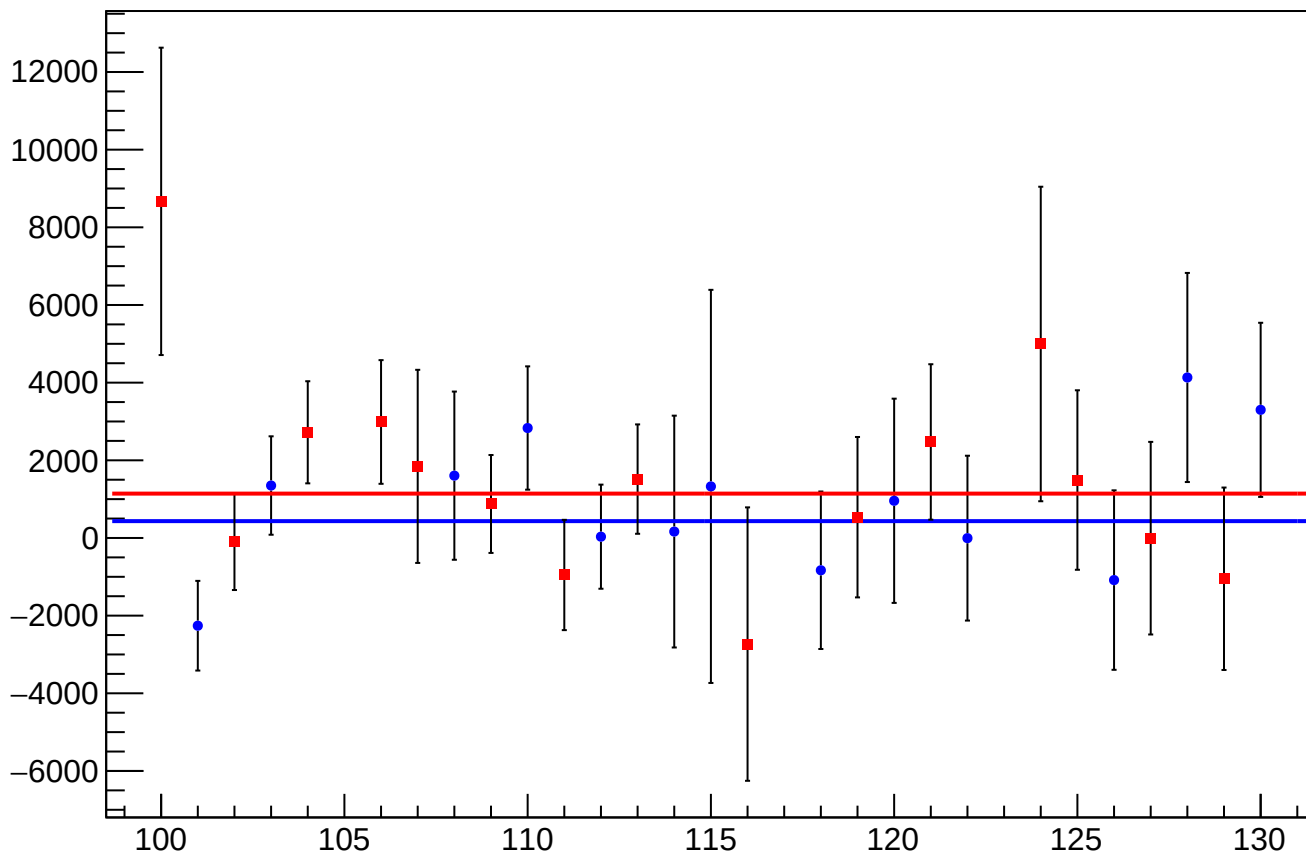
Right: 109.729+/-0.023 χ^2/NDF : 617415.8/27

In: 112.074+/-0.034 χ^2/NDF : 275305.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.729+/-0.023 χ^2/NDF : 617415.8/27

asym_sam_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 433.780+/-511.391 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1142.470+/-464.475 χ^2/NDF : 13.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

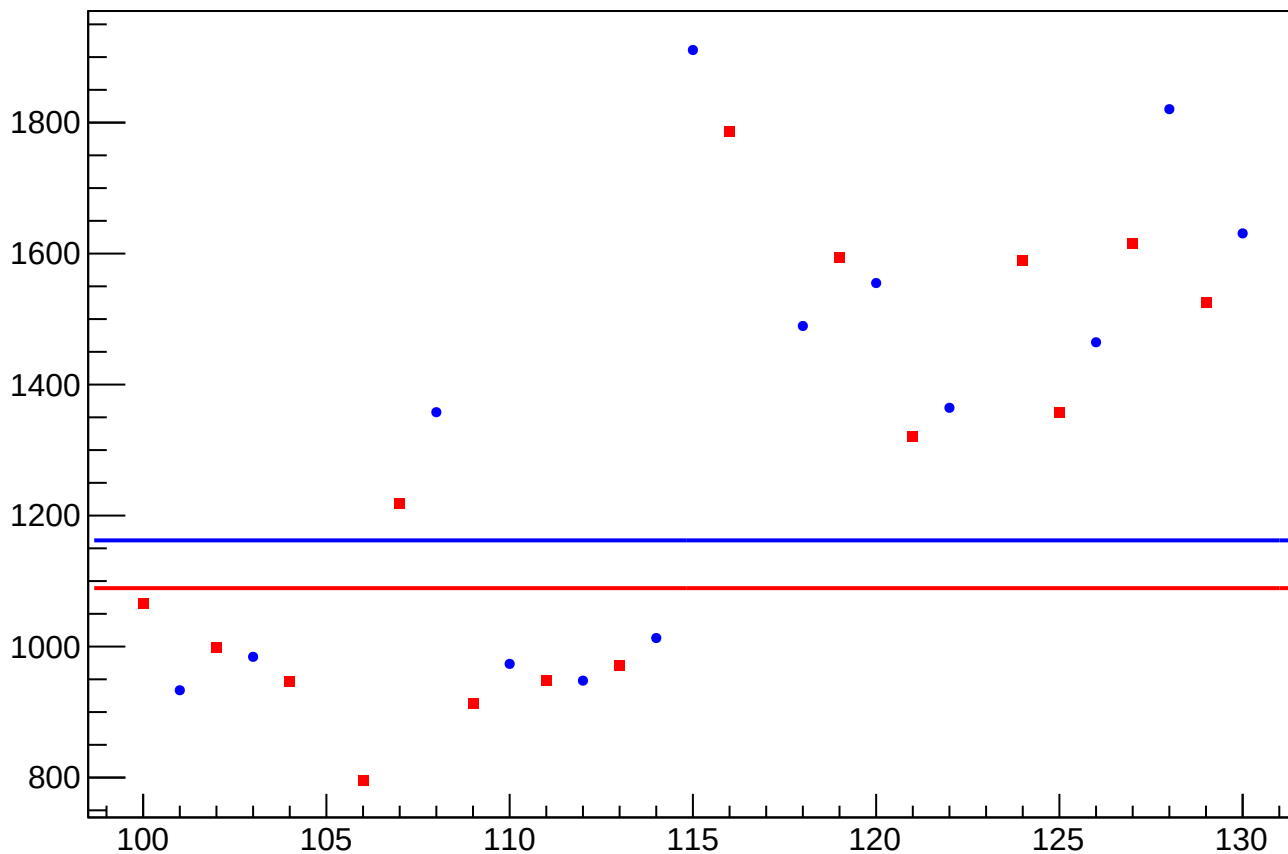
Right: 822.117+/-343.826 χ^2/NDF : 27.7/27

In: 433.780+/-511.391 χ^2/NDF : 13.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 822.117+/-343.826 χ^2/NDF : 27.7/27

asym_sam_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1162.146+/-0.362 χ^2/NDF : 618348.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1089.212+/-0.328 χ^2/NDF : 621403.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

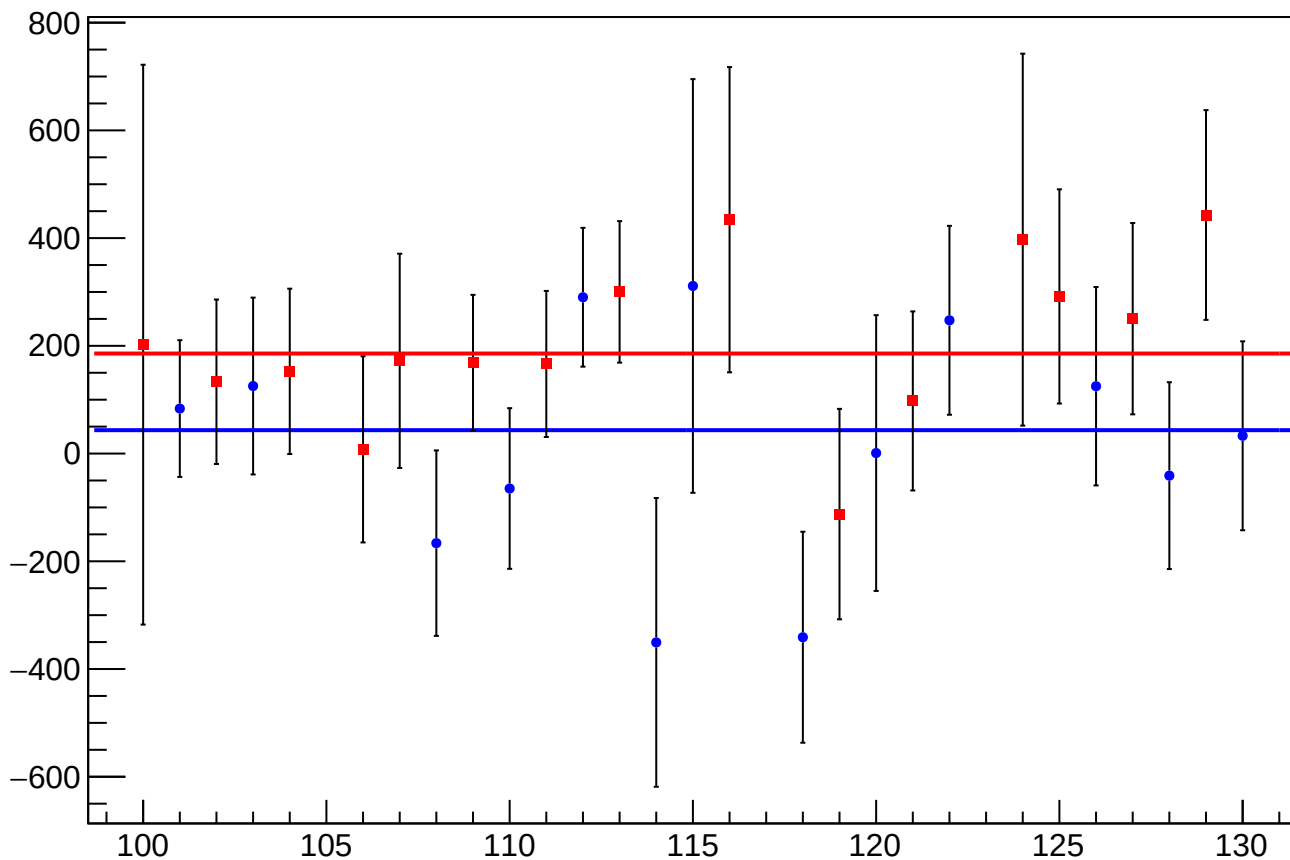
Right: 1122.181+/-0.243 χ^2/NDF : 1262043.1/27

In: 1162.146+/-0.362 χ^2/NDF : 618348.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1122.181+/-0.243 χ^2/NDF : 1262043.1/27

eigen_cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 43.429+/-48.345 χ^2/NDF : 14.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 185.711+/-45.188 χ^2/NDF : 7.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

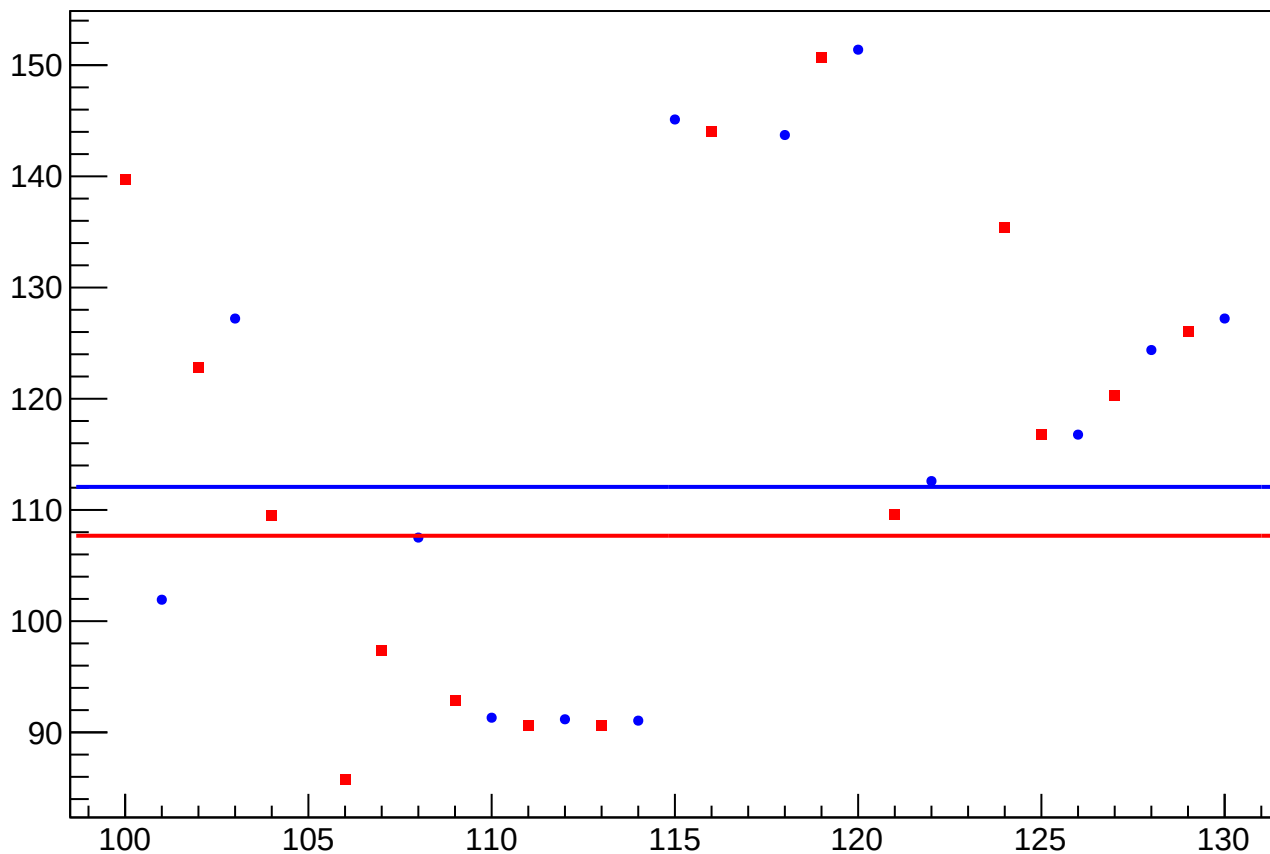
Right: 119.366+/-33.012 χ^2/NDF : 26.9/27

In: 43.429+/-48.345 χ^2/NDF : 14.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.366+/-33.012 χ^2/NDF : 26.9/27

eigen_cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 112.074+/-0.034 χ^2/NDF : 275305.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 107.680+/-0.032 χ^2/NDF : 333293.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

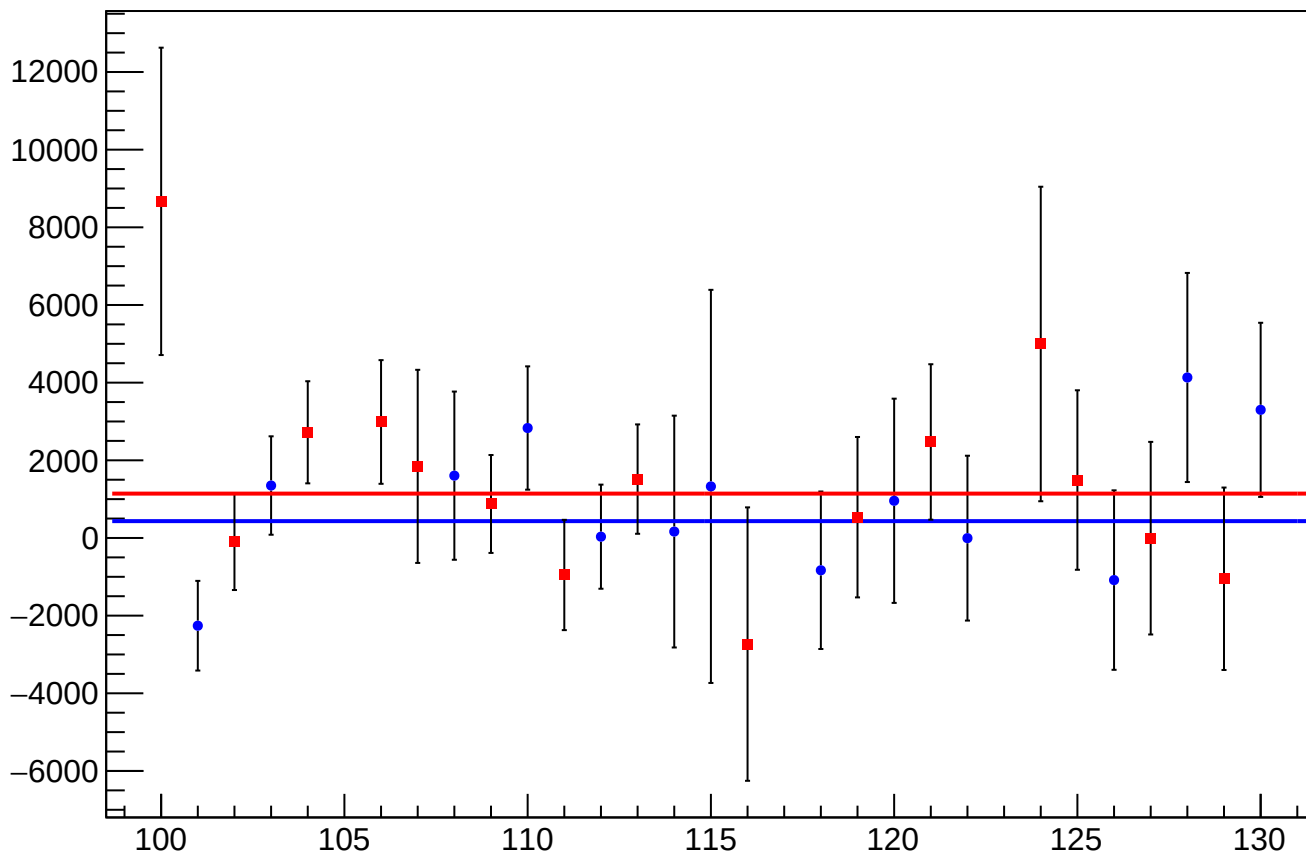
Right: 109.729+/-0.023 χ^2/NDF : 617415.8/27

In: 112.074+/-0.034 χ^2/NDF :275305.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 109.729+/-0.023 χ^2/NDF : 617415.8/27

asym_sam_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 433.780+/-511.391 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1142.470+/-464.475 χ^2/NDF : 13.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

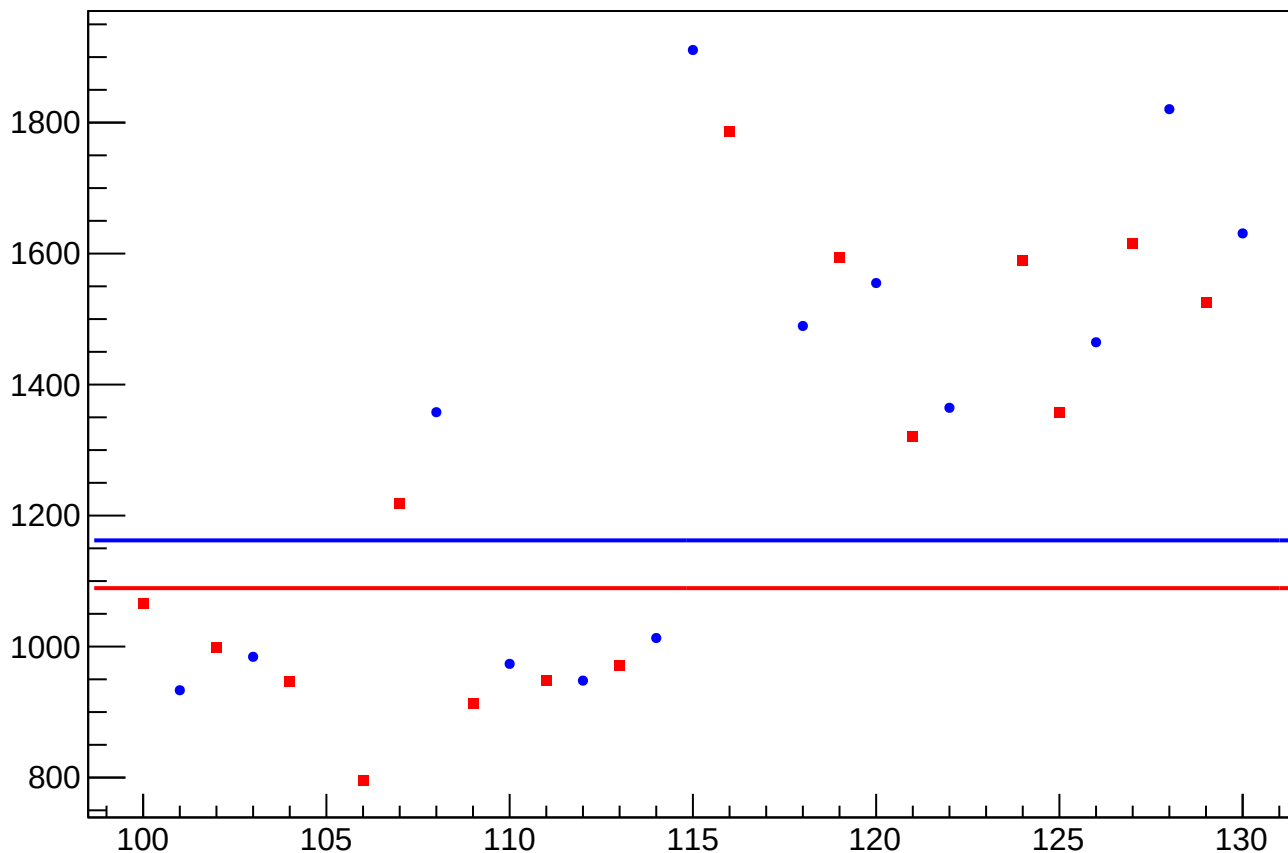
Right: 822.117+/-343.826 χ^2/NDF : 27.7/27

In: 433.780+/-511.391 χ^2/NDF : 13.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 822.117+/-343.826 χ^2/NDF : 27.7/27

asym_sam_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1162.146+/-0.362 χ^2/NDF : 618348.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1089.212+/-0.328 χ^2/NDF : 621403.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

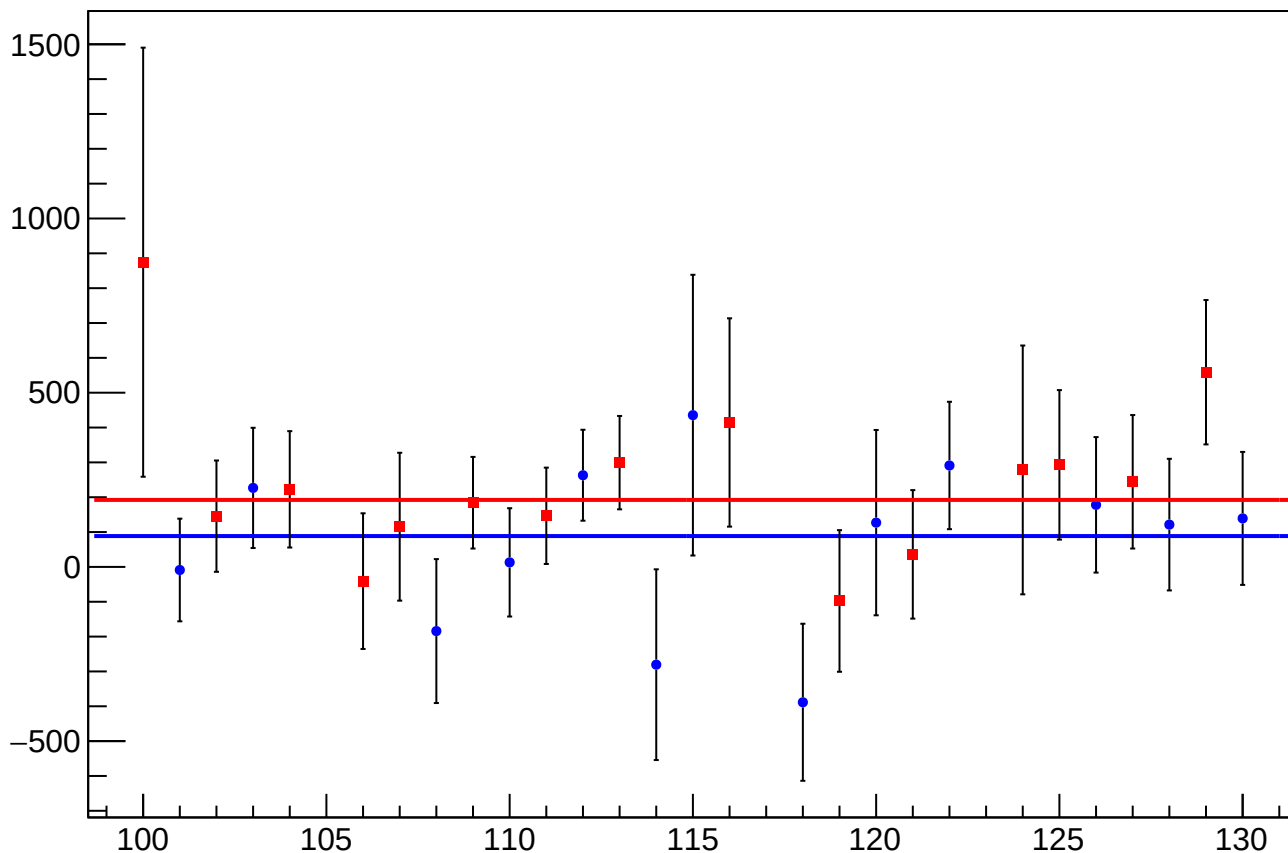
Right: 1122.181+/-0.243 χ^2/NDF : 1262043.1/27

In: 1162.146+/-0.362 χ^2/NDF : 618348.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1122.181+/-0.243 χ^2/NDF : 1262043.1/27

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 88.537+/-52.098 χ^2/NDF : 13.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 192.280+/-47.837 χ^2/NDF : 10.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

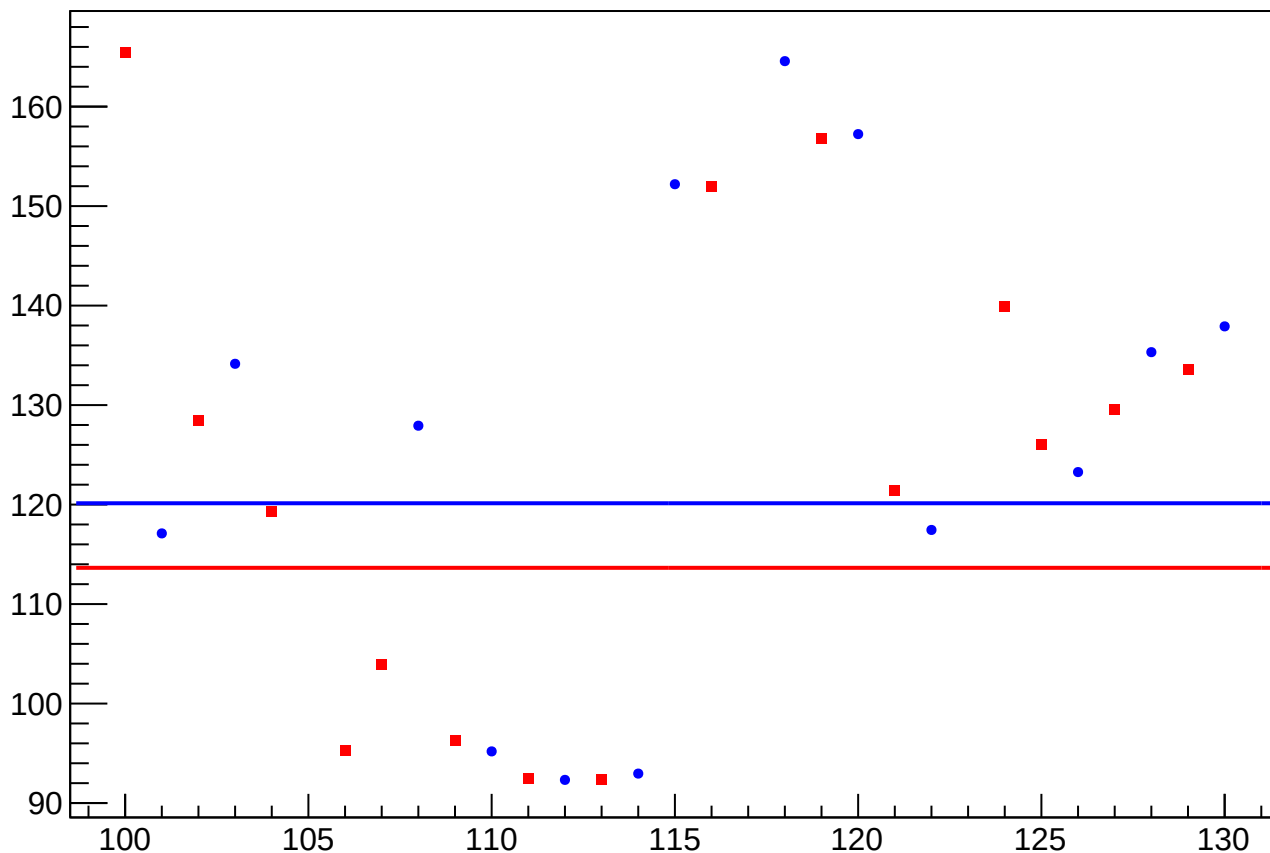
Right: 144.824+/-35.236 χ^2/NDF : 26.1/27

In: 88.537+/-52.098 χ^2/NDF : 13.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.824+/-35.236 χ^2/NDF : 26.1/27

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 120.133+/-0.037 χ^2/NDF : 339491.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 113.644+/-0.034 χ^2/NDF : 364339.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

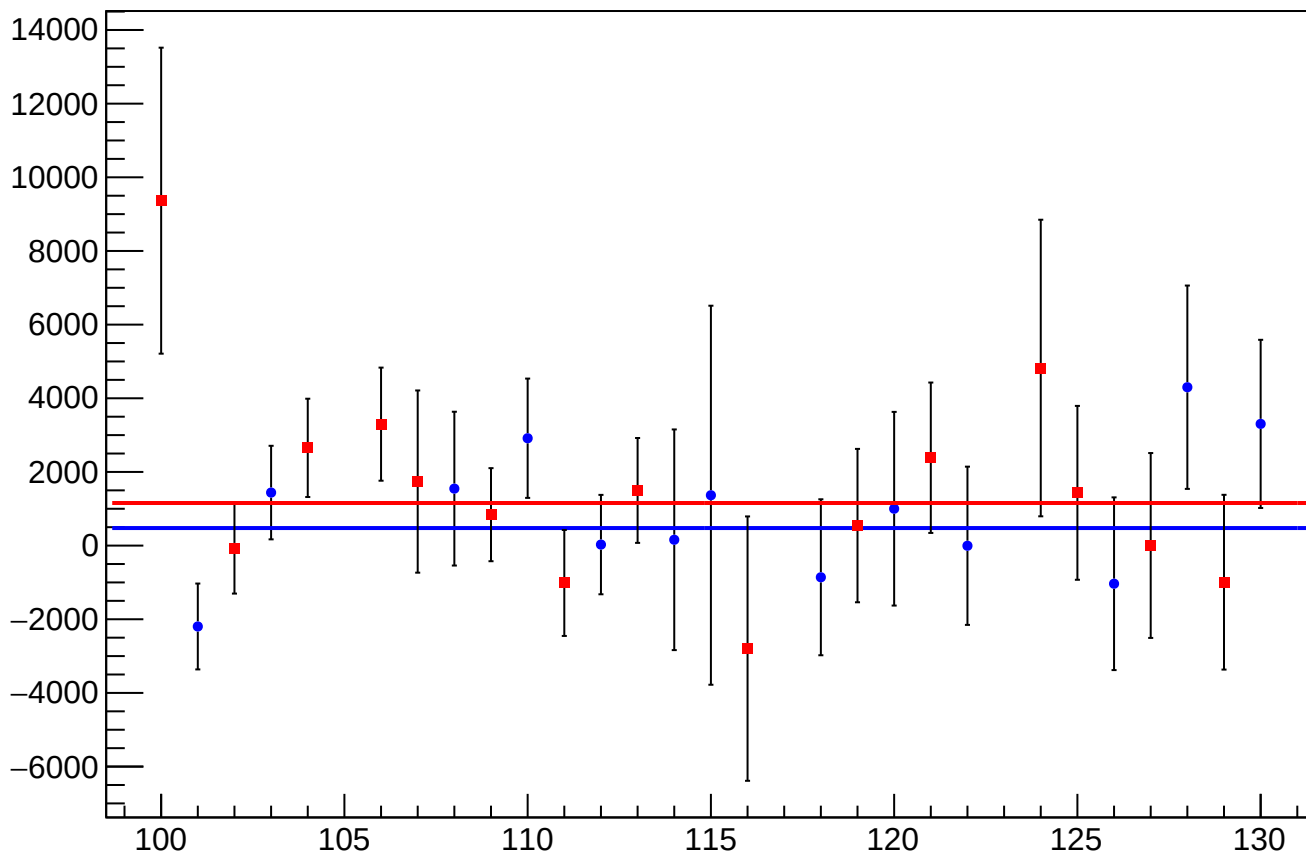
Right: 116.612+/-0.025 χ^2/NDF : 720662.7/27

In: 120.133+/-0.037 χ^2/NDF :339491.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 116.612+/-0.025 χ^2/NDF : 720662.7/27

asym_sam_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 476.576+/-516.120 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1156.586+/-466.853 χ^2/NDF : 14.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

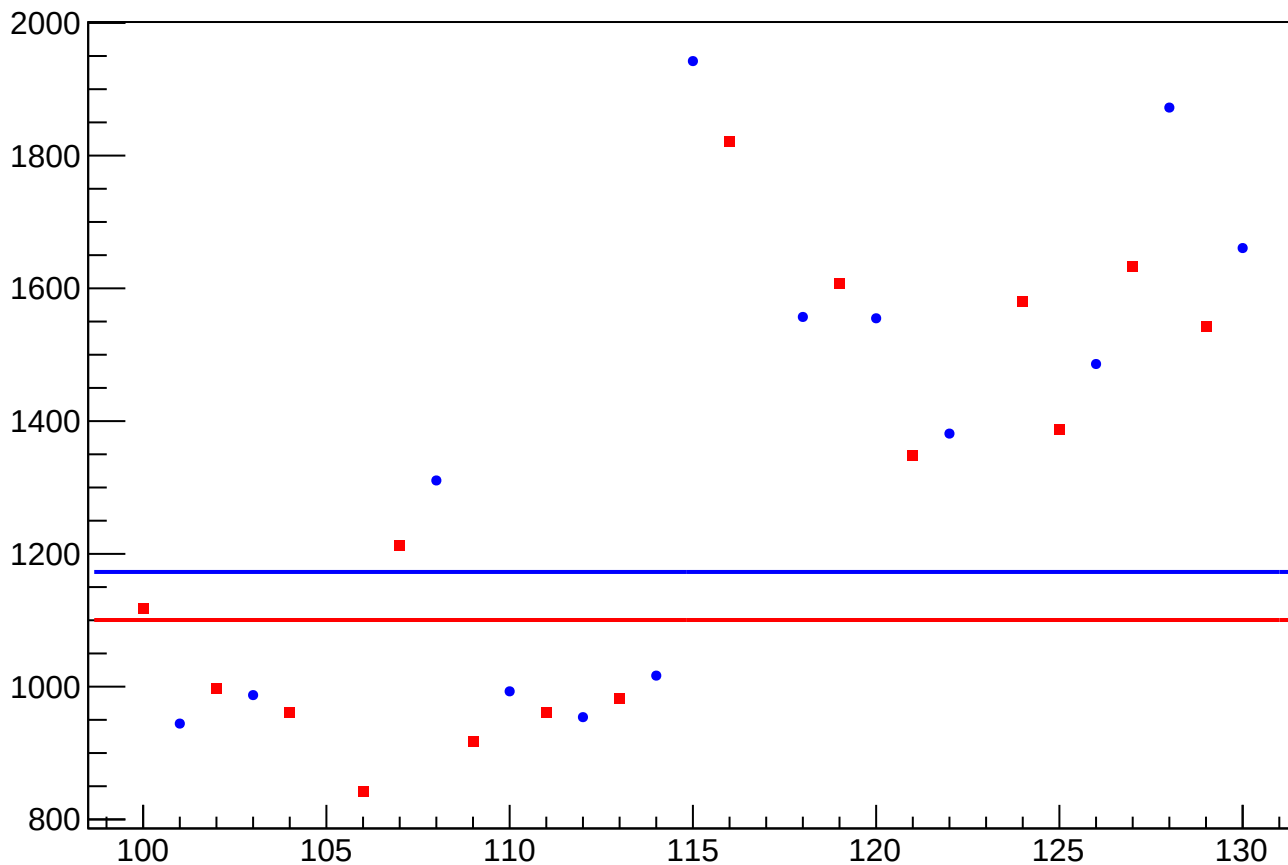
Right: 850.578+/-346.226 χ^2/NDF : 27.9/27

In: 476.576+/-516.120 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 850.578+/-346.226 χ^2/NDF : 27.9/27

asym_sam_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1172.781+/-0.365 χ^2/NDF : 637895.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1100.400+/-0.330 χ^2/NDF : 616653.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

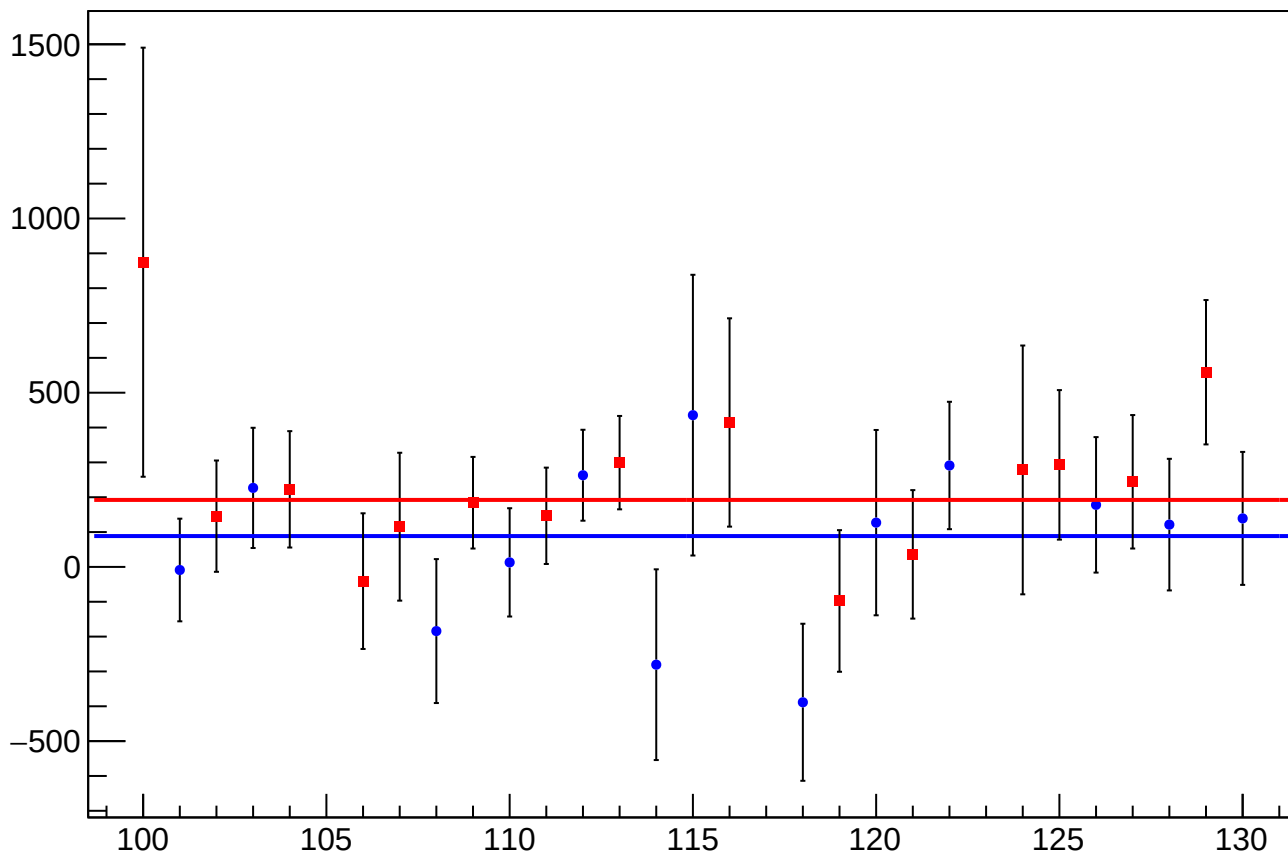
Right: 1132.972+/-0.245 χ^2/NDF : 1276182.4/27

In: 1172.781+/-0.365 χ^2/NDF : 637895.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1132.972+/-0.245 χ^2/NDF : 1276182.4/27

eigen_dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 88.538+/-52.098 χ^2/NDF : 13.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 192.280+/-47.837 χ^2/NDF : 10.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

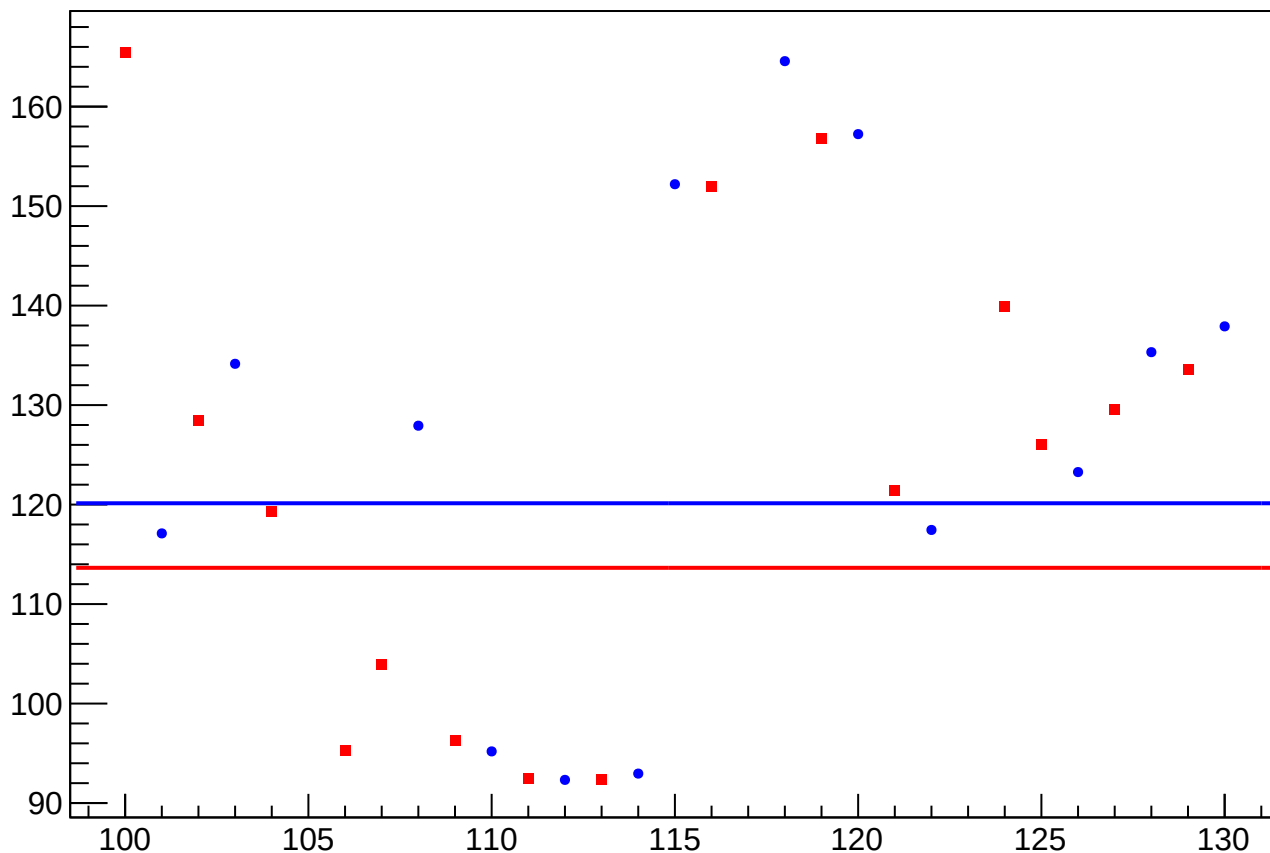
Right: 144.824+/-35.236 χ^2/NDF : 26.1/27

In: 88.538+/-52.098 χ^2/NDF : 13.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.824+/-35.236 χ^2/NDF : 26.1/27

eigen_dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 120.133+/-0.037 χ^2/NDF : 339496.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 113.644+/-0.034 χ^2/NDF : 364341.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

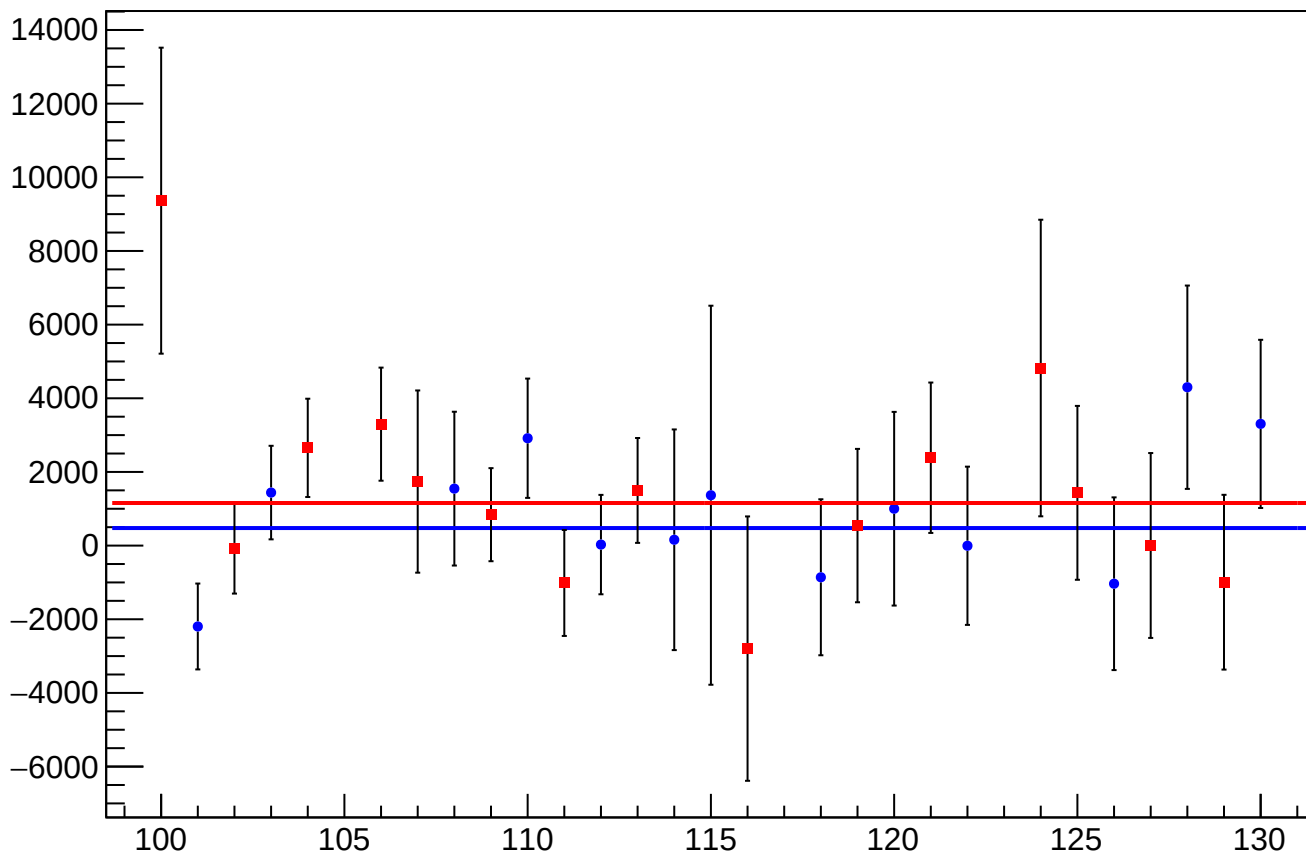
Right: 116.612+/-0.025 χ^2/NDF : 720670.9/27

In: 120.133+/-0.037 χ^2/NDF :339496.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 116.612+/-0.025 χ^2/NDF : 720670.9/27

asym_sam_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 476.576+/-516.120 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1156.586+/-466.853 χ^2/NDF : 14.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

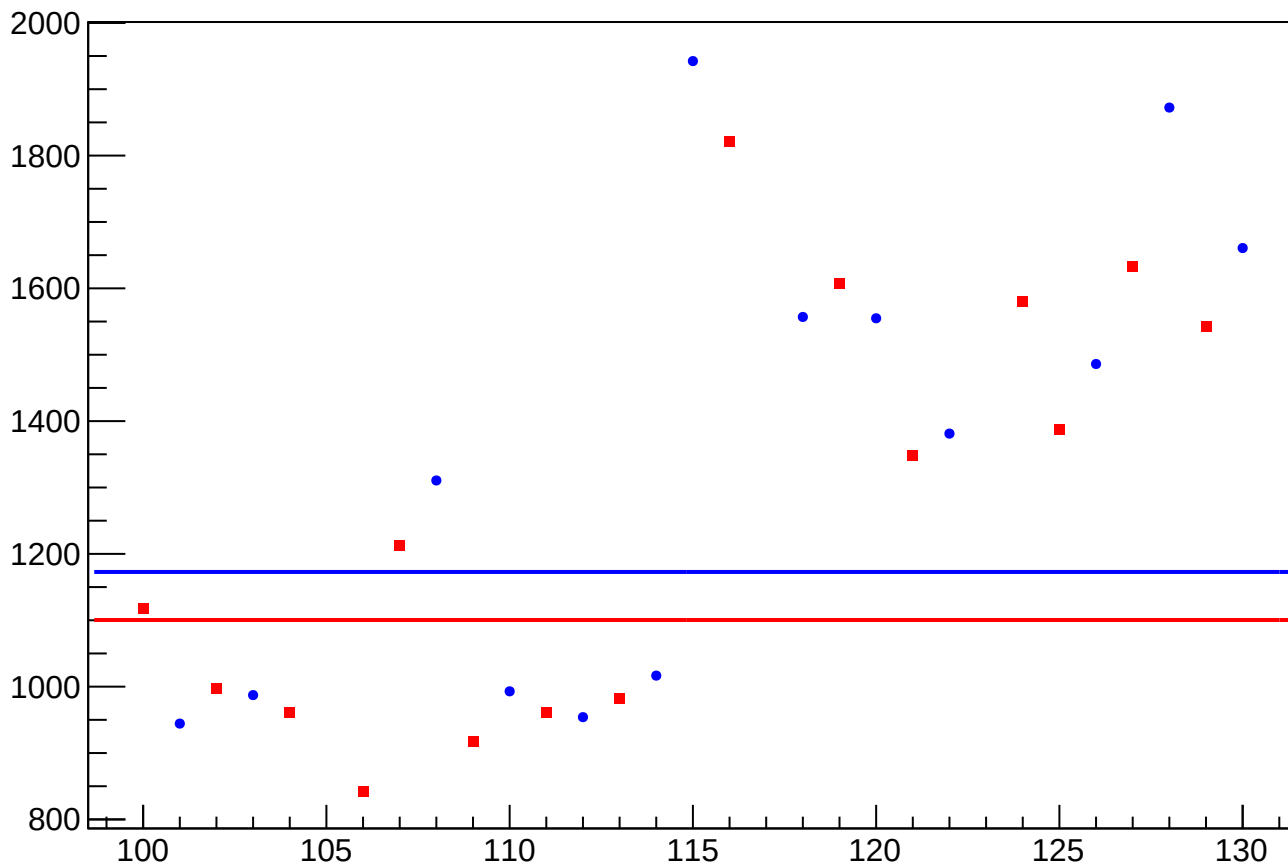
Right: 850.578+/-346.226 χ^2/NDF : 27.9/27

In: 476.576+/-516.120 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 850.578+/-346.226 χ^2/NDF : 27.9/27

asym_sam_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1172.781+/-0.365 χ^2/NDF : 637896.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1100.400+/-0.330 χ^2/NDF : 616654.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

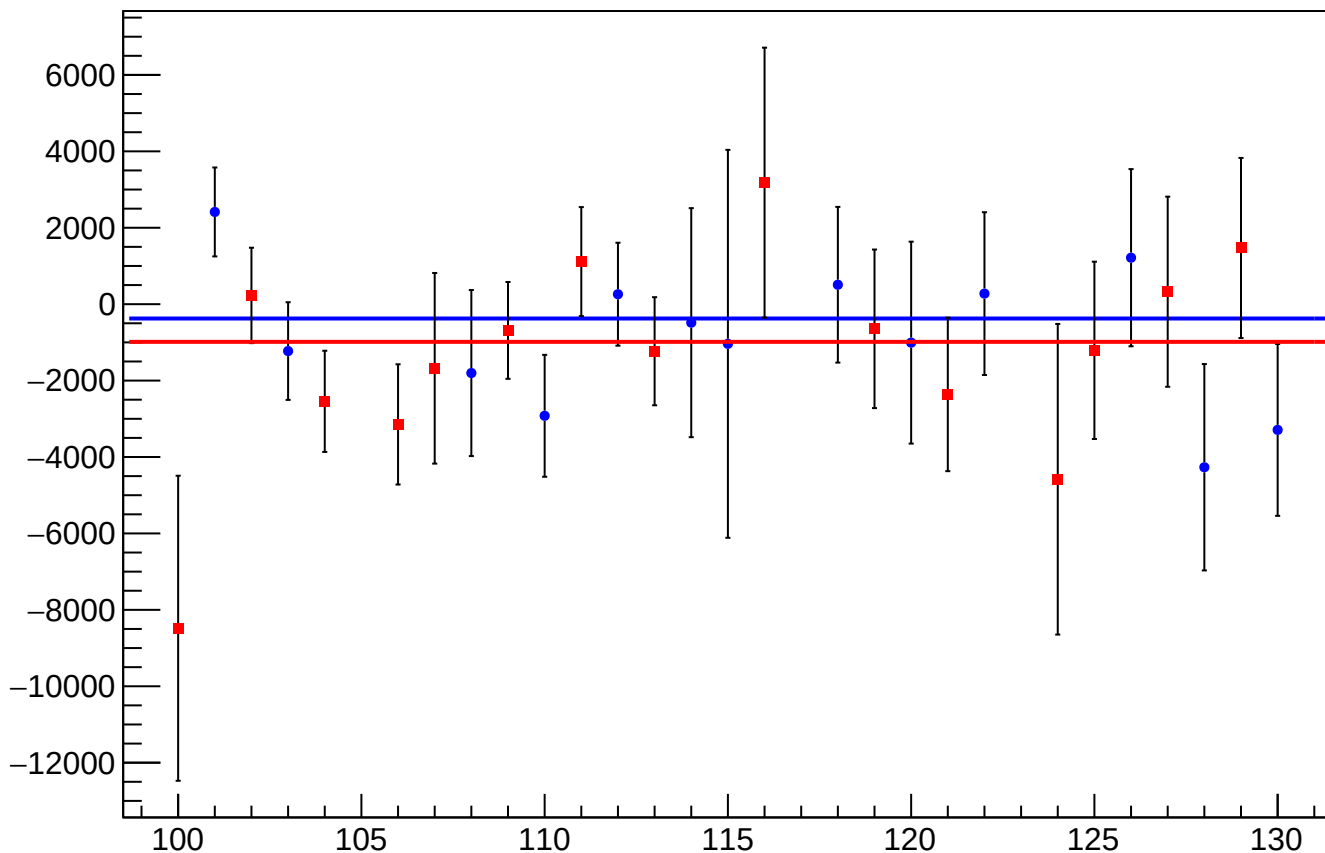
Right: 1132.972+/-0.245 χ^2/NDF : 1276185.9/27

In: 1172.781+/-0.365 χ^2/NDF :637896.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1132.972+/-0.245 χ^2/NDF : 1276185.9/27

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: -375.206+/-514.181 χ^2/NDF : 14.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -985.982+/-466.203 χ^2/NDF : 14.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

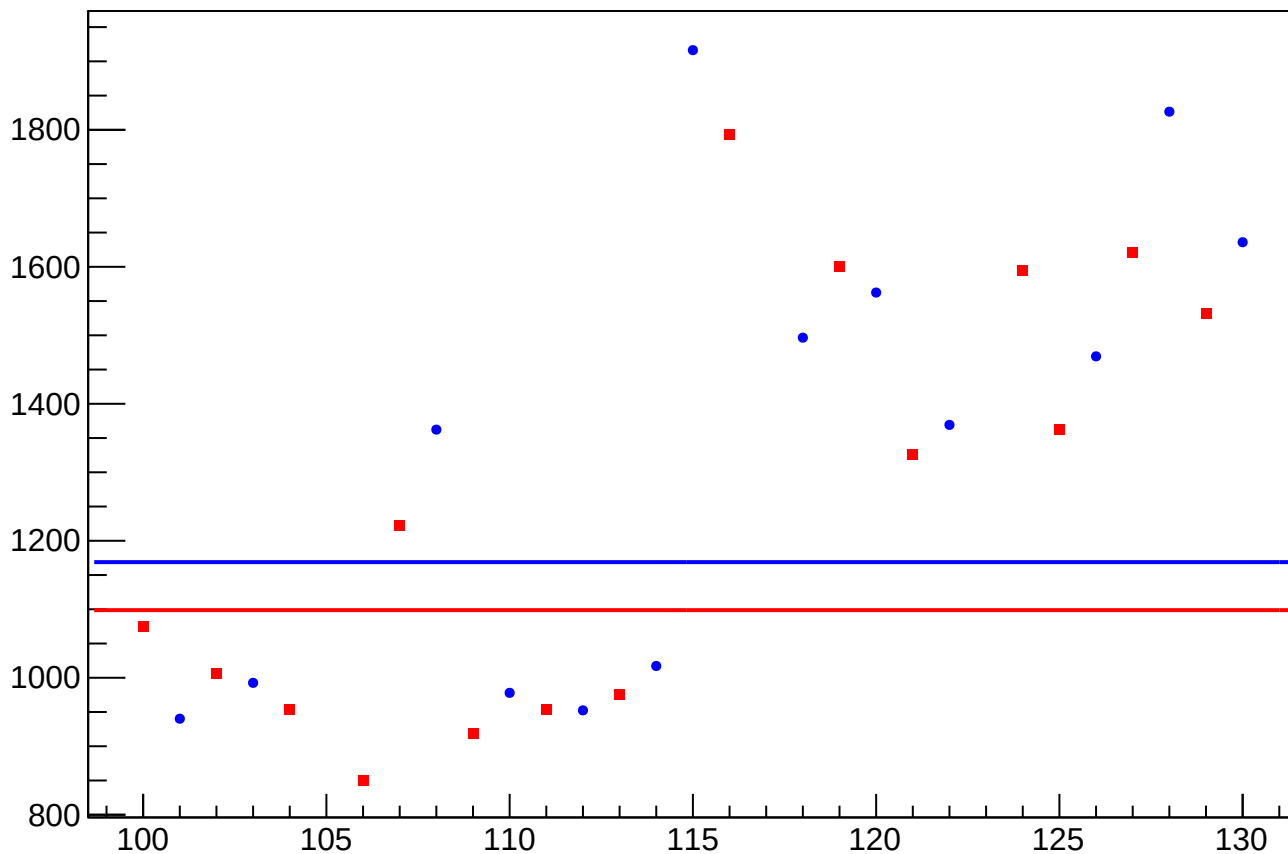
Right: -710.413+/-345.375 χ^2/NDF : 28.9/27

In: -375.206+/-514.181 χ^2/NDF : 14.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -710.413+/-345.375 χ^2/NDF : 28.9/27

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1168.819+/-0.364 χ^2/NDF : 612182.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1098.698+/-0.330 χ^2/NDF : 597587.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

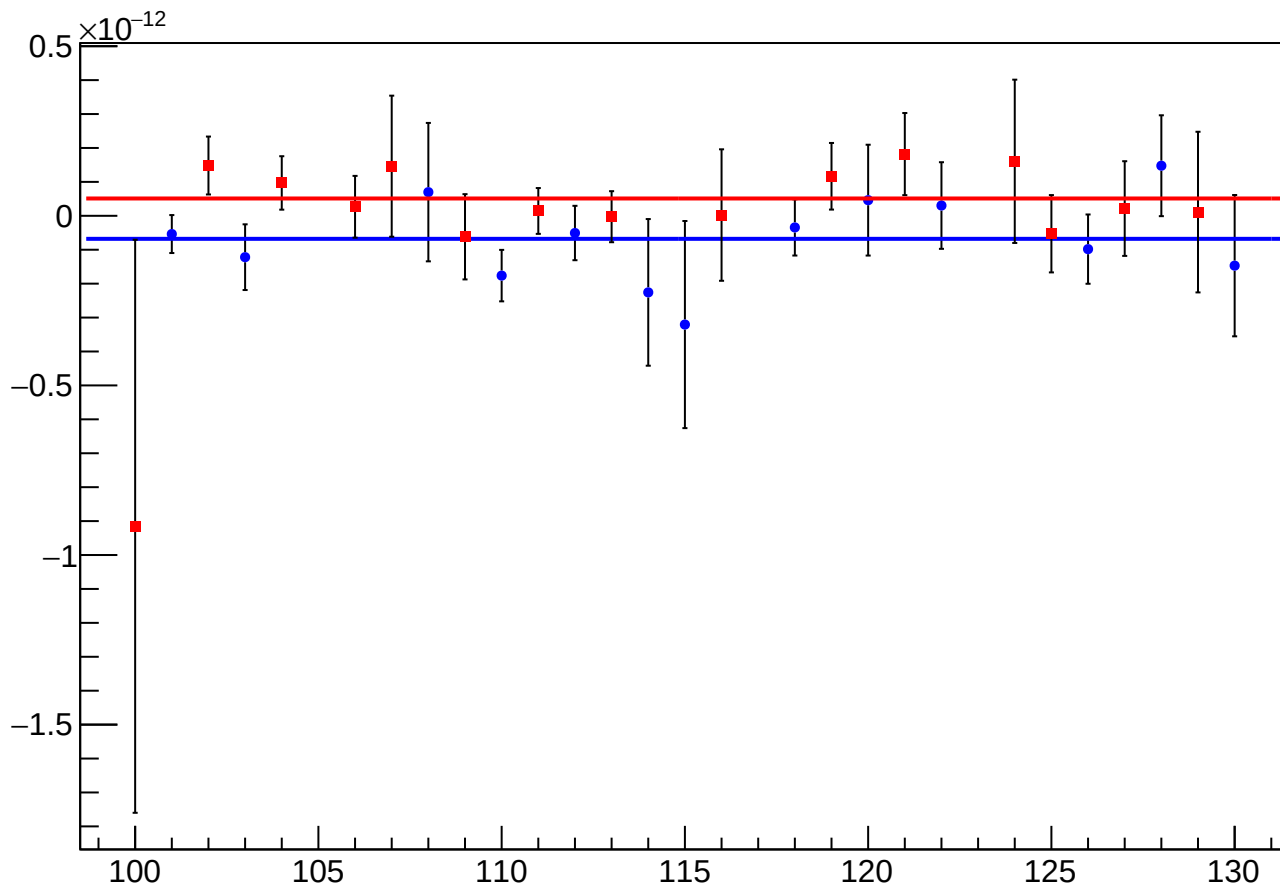
Right: 1130.335+/-0.244 χ^2/NDF : 1230183.5/27

In: 1168.819+/-0.364 χ^2/NDF : 612182.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1130.335+/-0.244 χ^2/NDF : 1230183.5/27

asym_sam_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

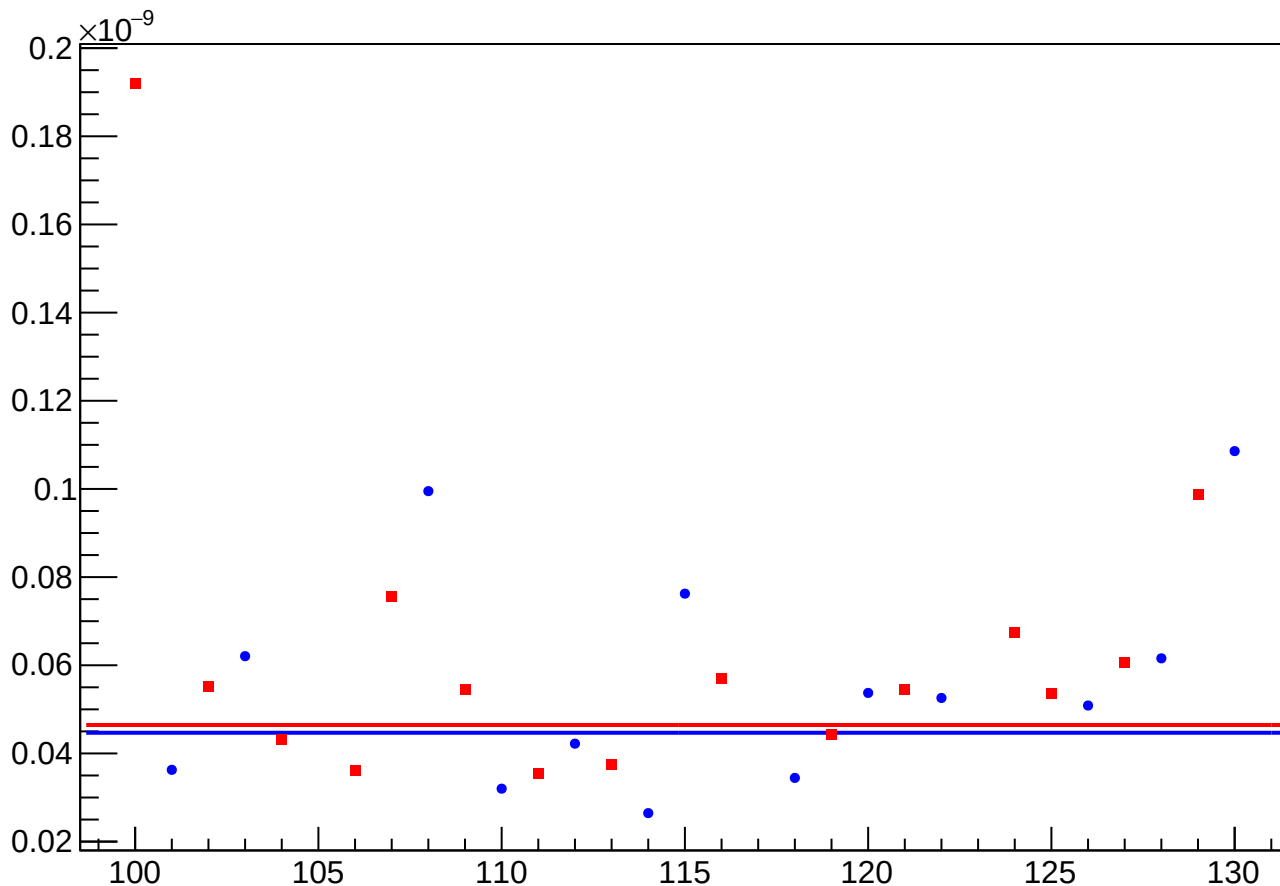
Right: -0.000+/-0.000 χ^2/NDF : 24.1/27

In: -0.000+/-0.000 χ^2/NDF : 7.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.1/27

asym_sam_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 612866.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 395053.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

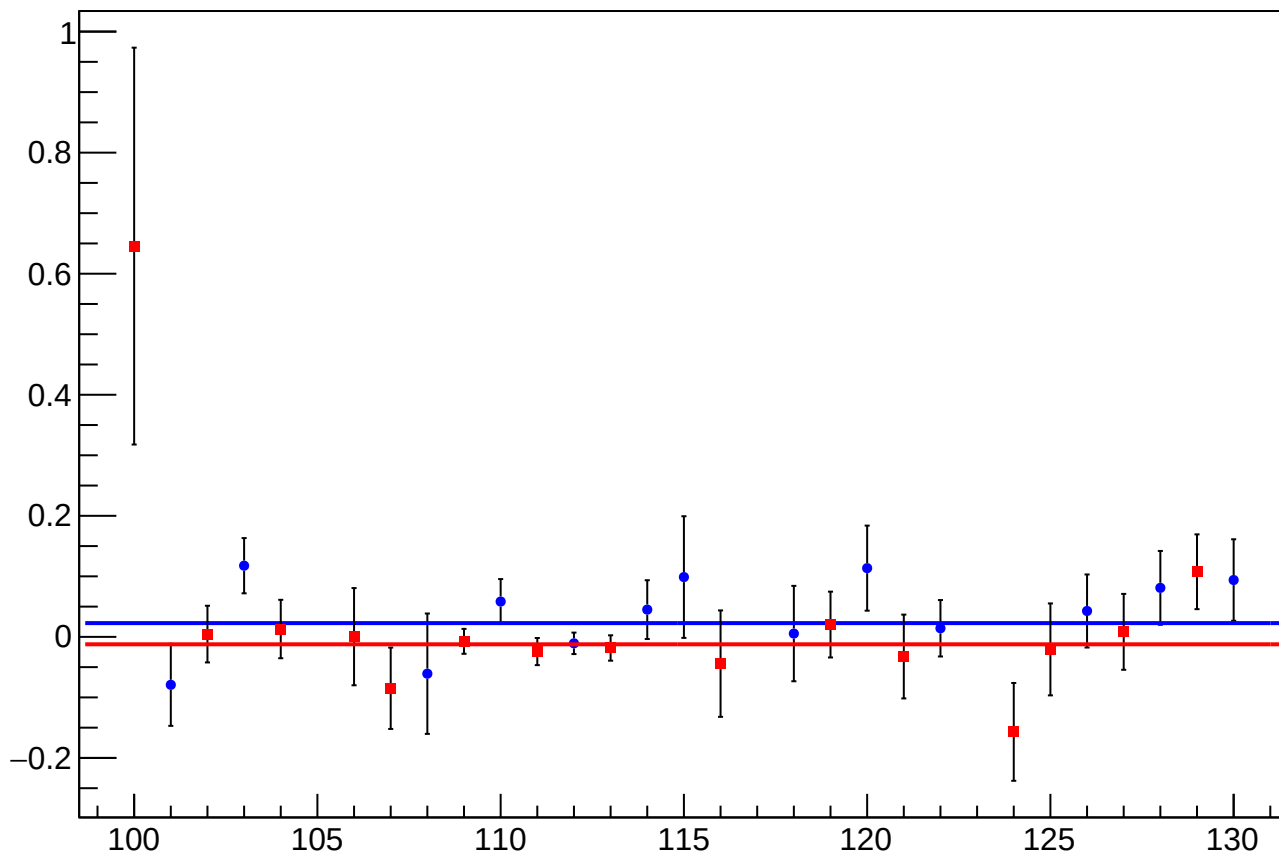
Right: 0.000+/-0.000 χ^2/NDF : 1011765.2/27

In: 0.000+/-0.000 χ^2/NDF :612866.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1011765.2/27

asym_sam_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.012 χ^2/NDF : 16.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-0.010 χ^2/NDF : 13.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

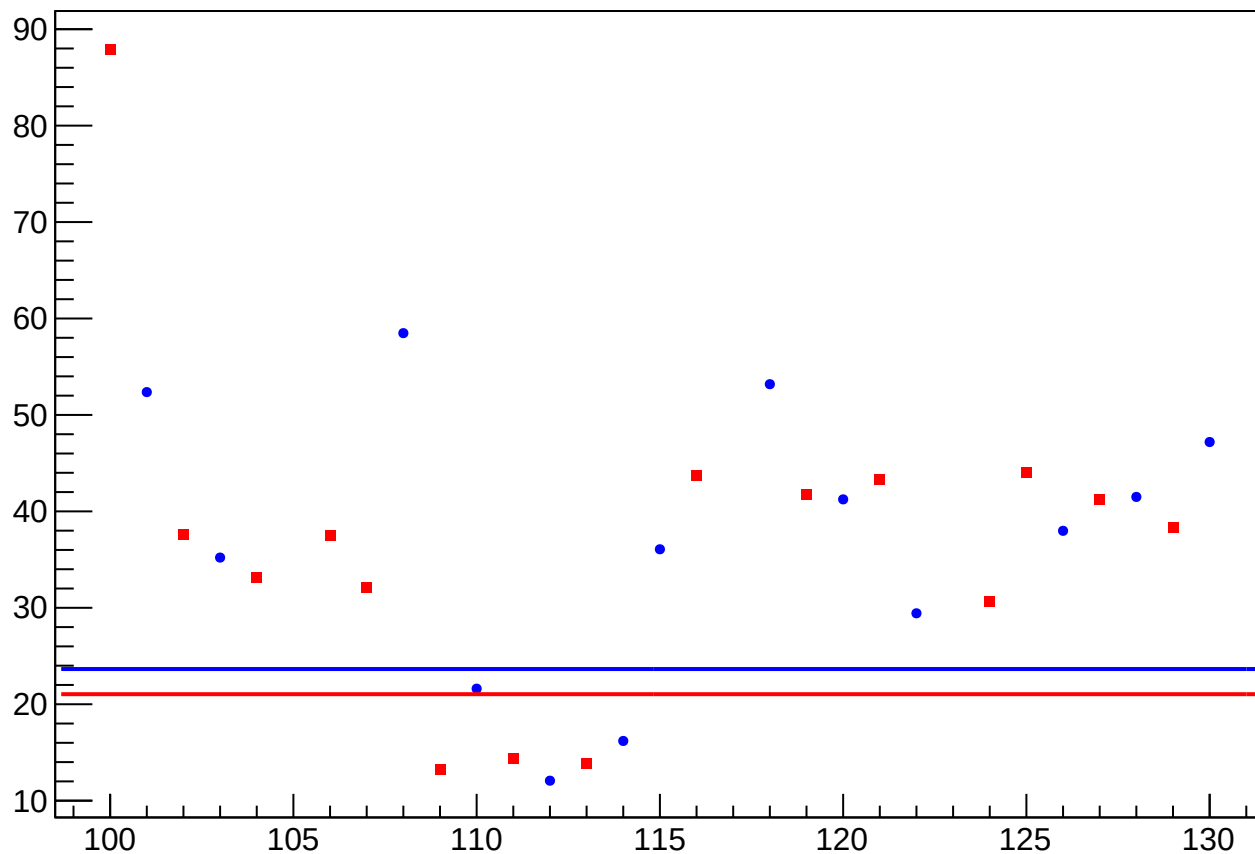
Right: 0.002+/-0.008 χ^2/NDF : 35.0/27

In: 0.023+/-0.012 χ^2/NDF : 16.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.008 χ^2/NDF : 35.0/27

asym_sam_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.651+/-0.009 χ^2/NDF : 2634922.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.043+/-0.007 χ^2/NDF : 2501216.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

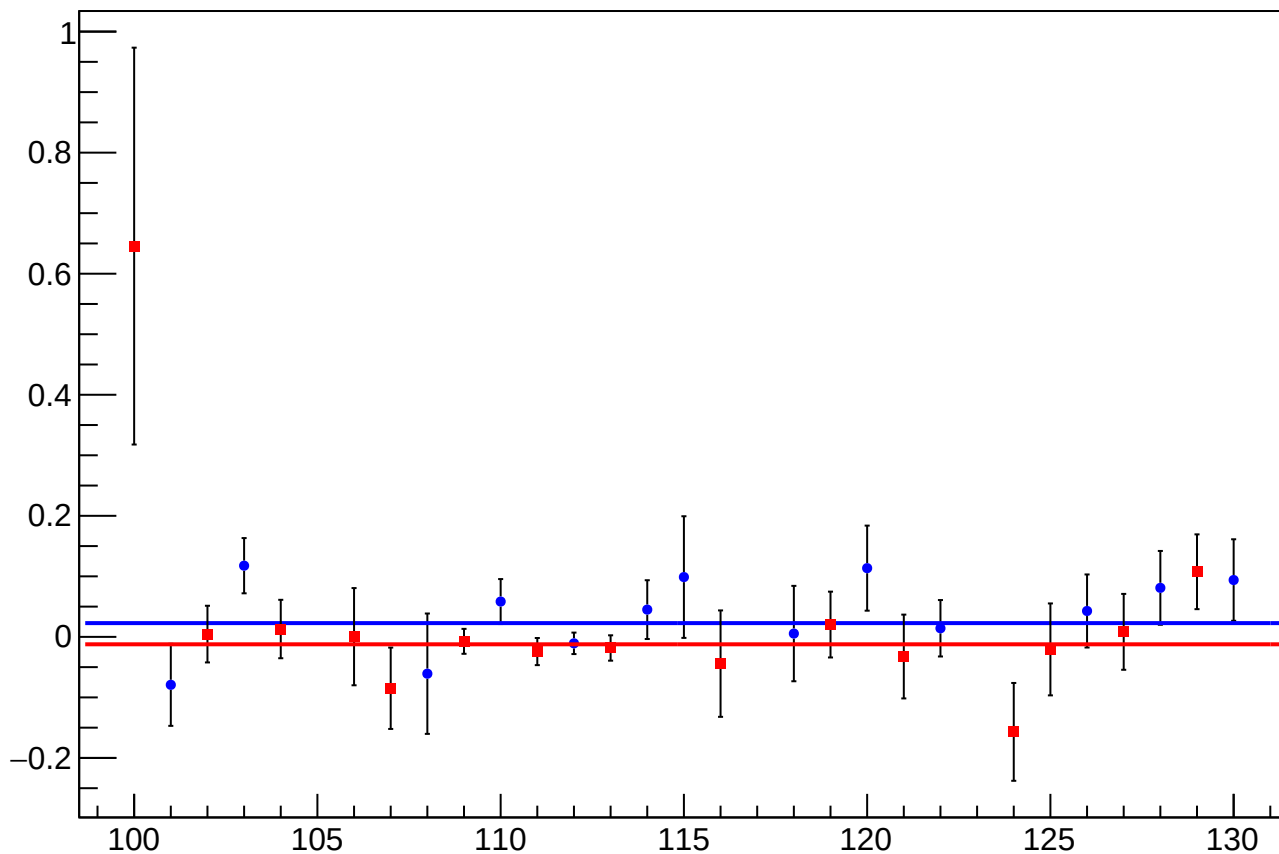
Right: 22.138+/-0.006 χ^2/NDF : 5189949.9/27

In: 23.651+/-0.009 χ^2/NDF : 2634922.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.138+/-0.006 χ^2/NDF : 5189949.9/27

asym_sam_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.012 χ^2/NDF : 16.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-0.010 χ^2/NDF : 13.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

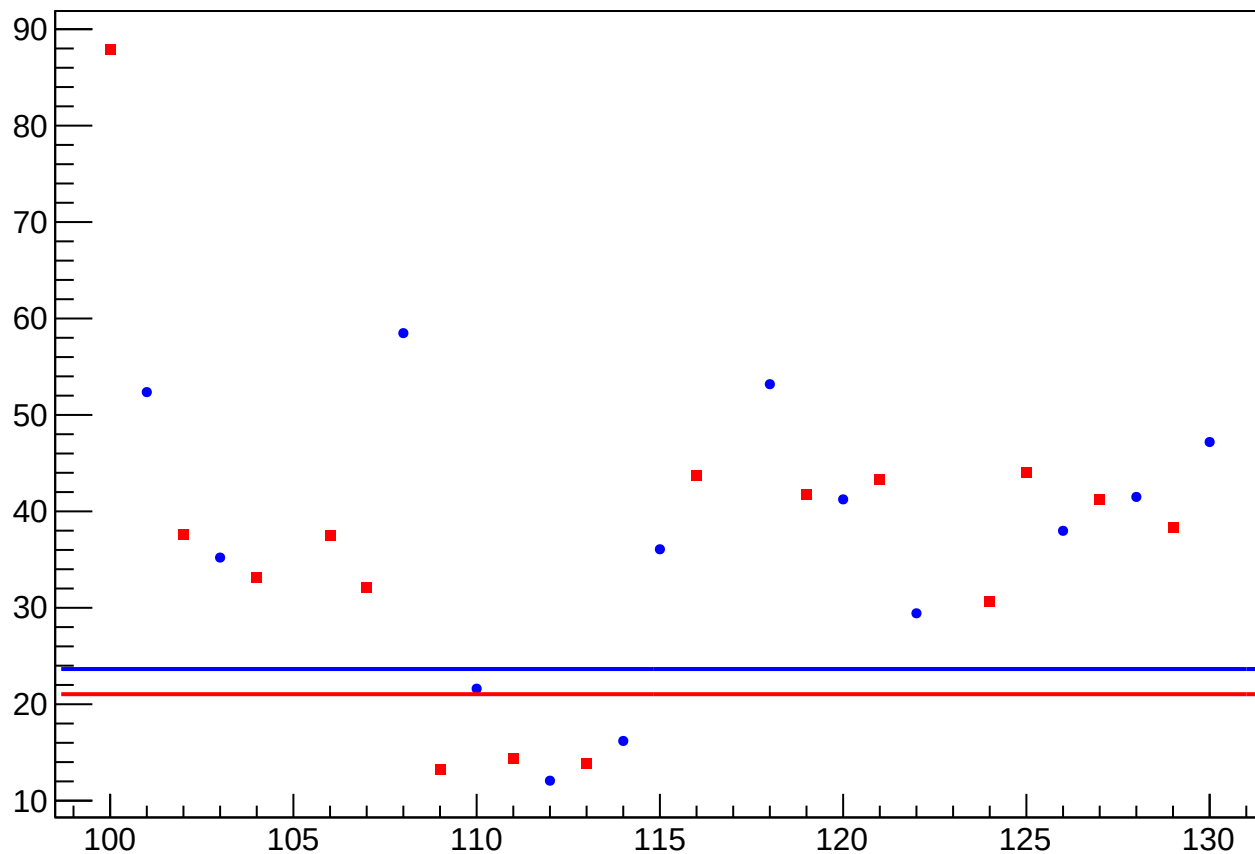
Right: 0.002+/-0.008 χ^2/NDF : 35.0/27

In: 0.023+/-0.012 χ^2/NDF : 16.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.008 χ^2/NDF : 35.0/27

asym_sam_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.651+/-0.009 χ^2/NDF : 2634922.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.043+/-0.007 χ^2/NDF : 2501216.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

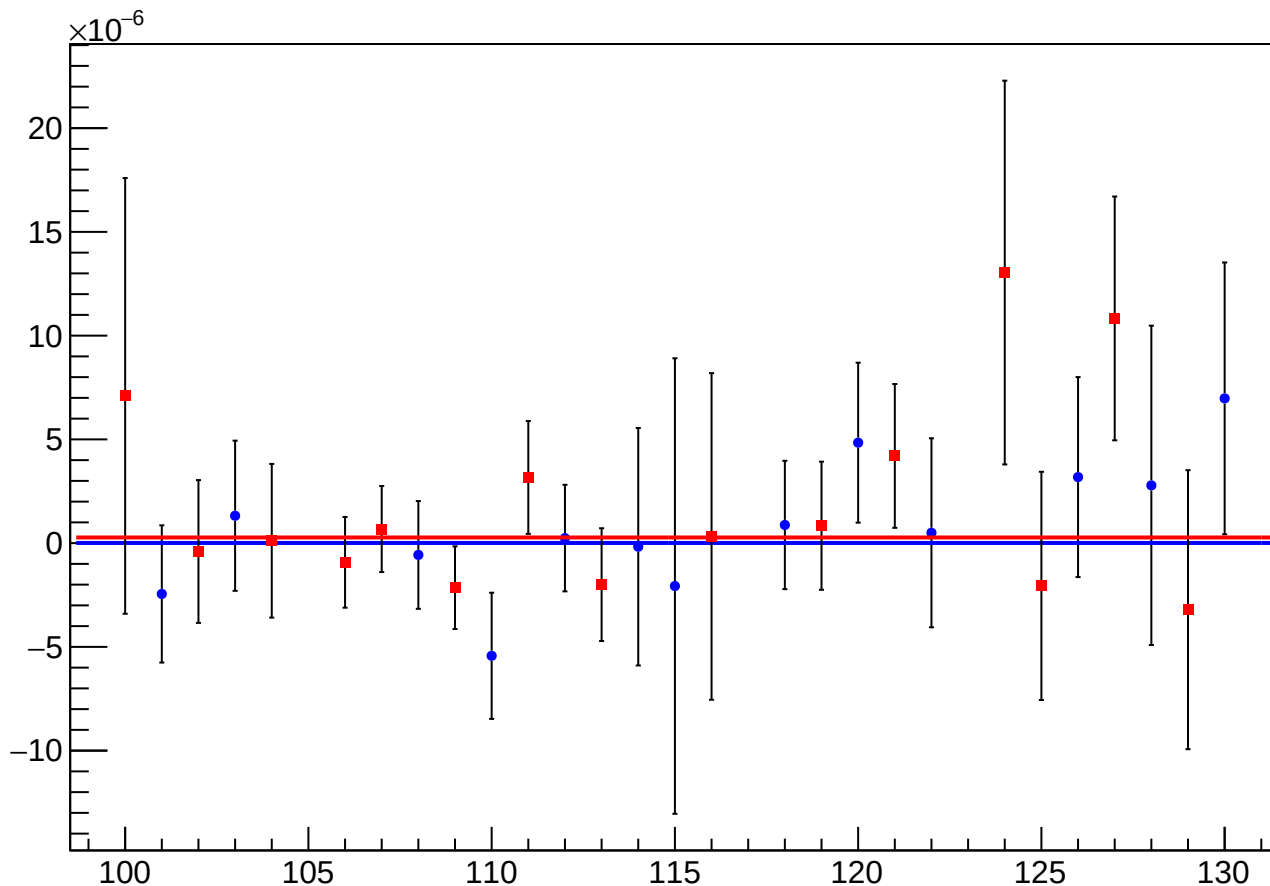
Right: 22.138+/-0.006 χ^2/NDF : 5189949.9/27

In: 23.651+/-0.009 χ^2/NDF : 2634922.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.138+/-0.006 χ^2/NDF : 5189949.9/27

asym_sam_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

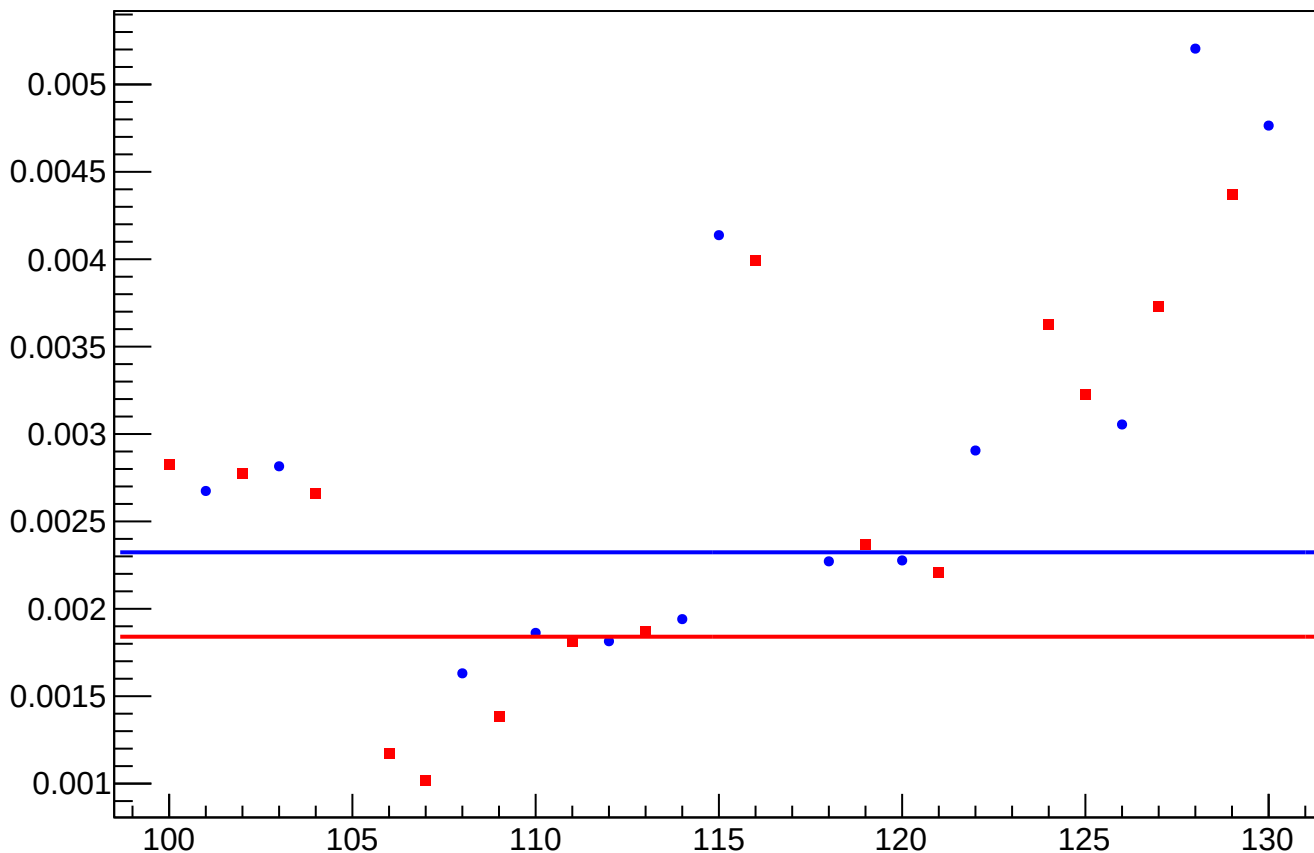
Right: 0.000+/-0.000 χ^2/NDF : 18.4/27

In: 0.000+/-0.000 χ^2/NDF : 7.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.4/27

asym_sam_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1027610.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1792277.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

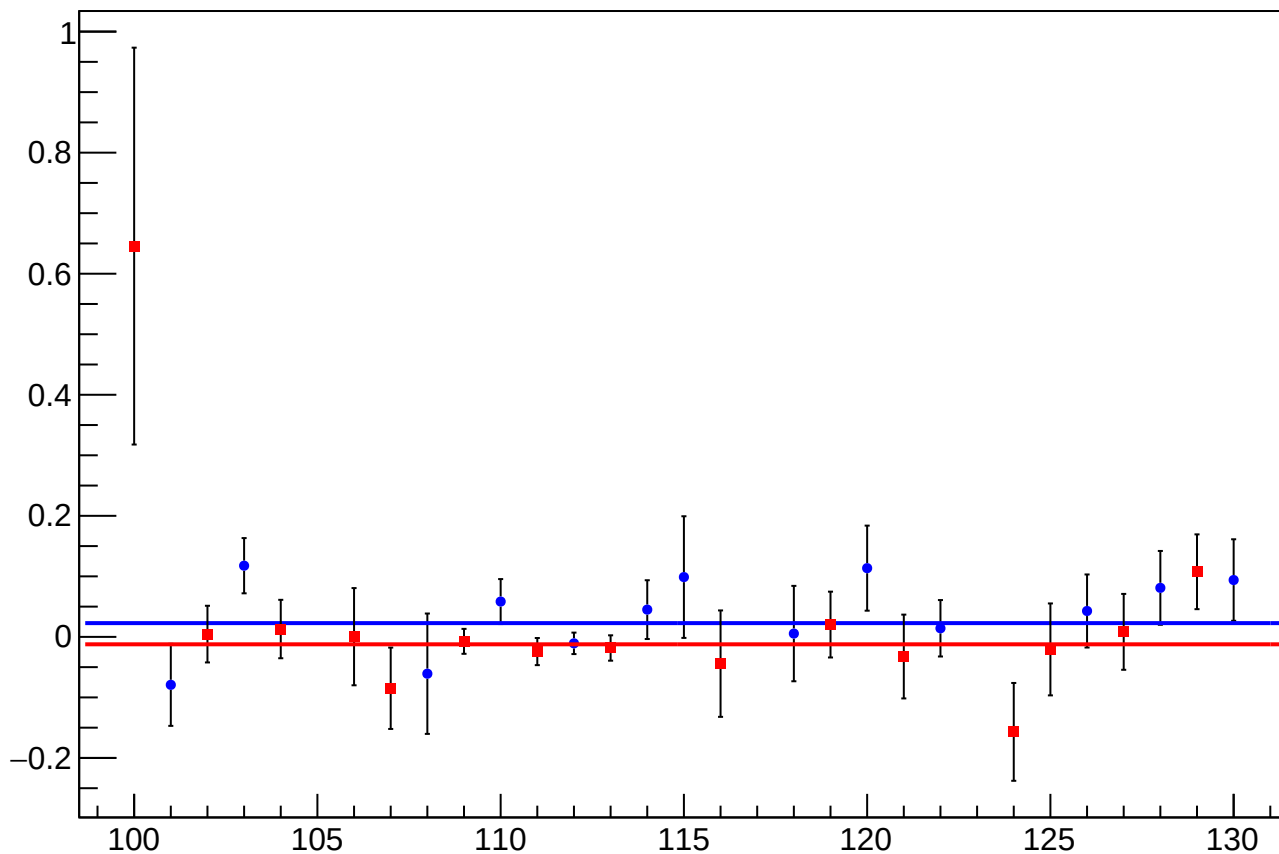
Right: 0.002+/-0.000 χ^2/NDF : 3080679.9/27

In: 0.002+/-0.000 χ^2/NDF :1027610.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3080679.9/27

asym_sam_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023 $\pm$ 0.012 χ^2 /NDF: 16.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.012 $\pm$ 0.010 χ^2 /NDF: 13.7/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

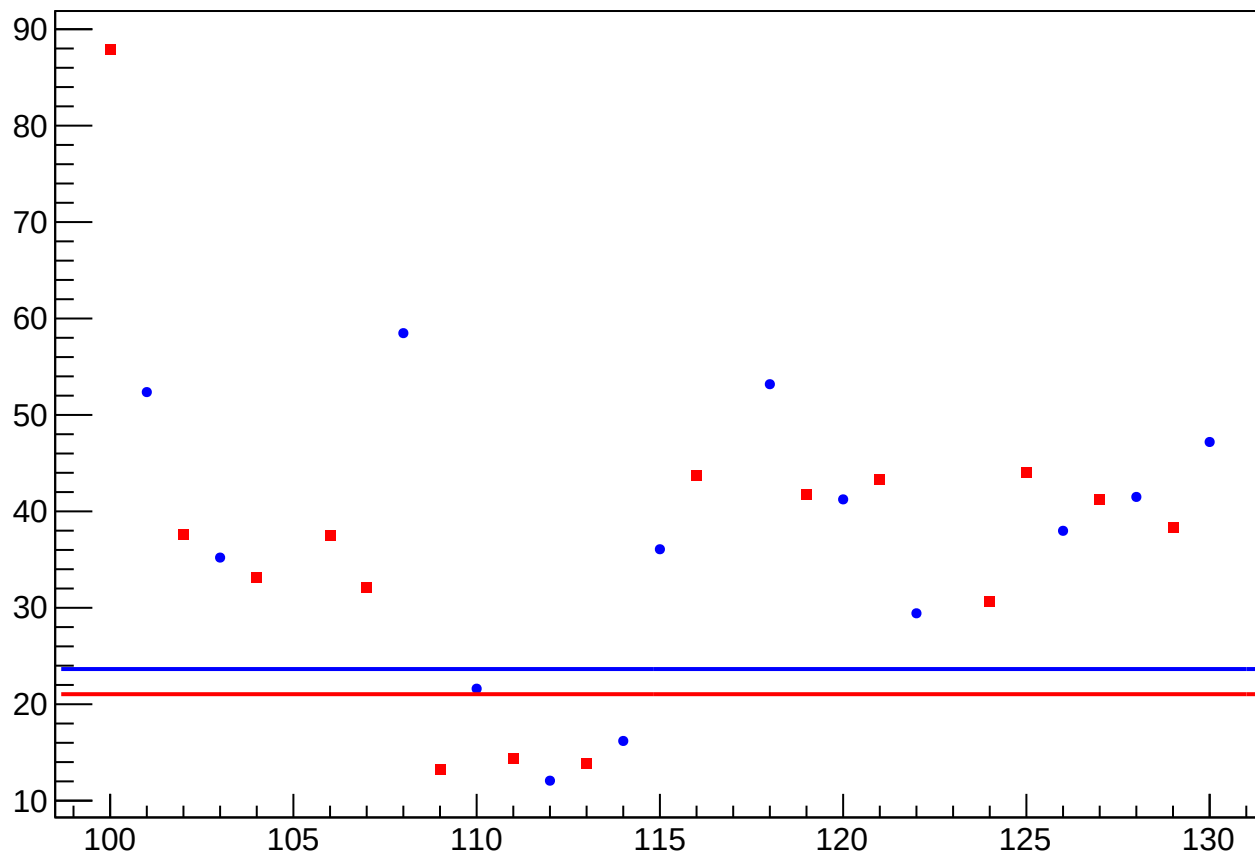
Right: 0.002 $\pm$ 0.008 χ^2 /NDF: 35.0/27

In: 0.023 $\pm$ 0.012 χ^2 /NDF:16.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.008 χ^2 /NDF: 35.0/27

asym_sam_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.650+/-0.009 χ^2/NDF : 2635282.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.042+/-0.007 χ^2/NDF : 2501268.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

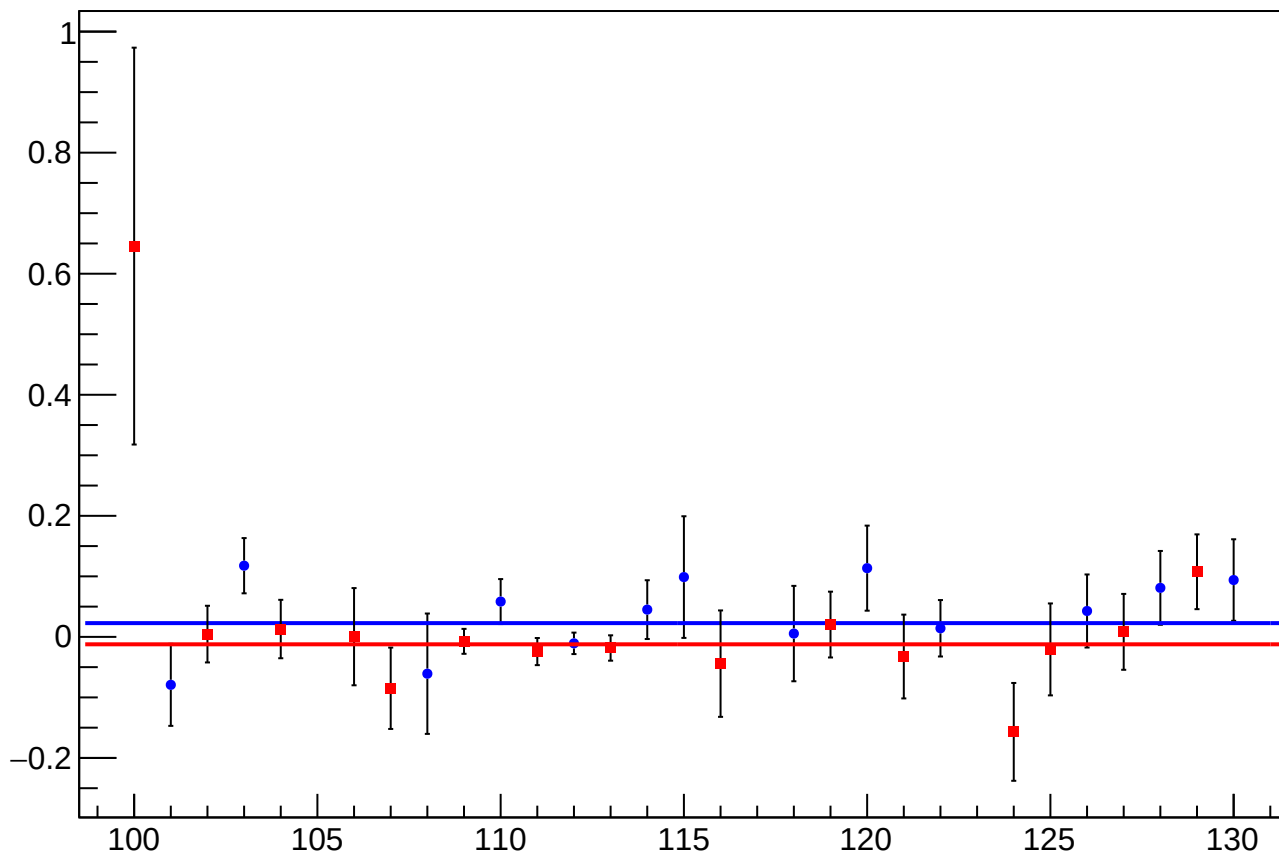
Right: 22.137+/-0.006 χ^2/NDF : 5190315.6/27

In: 23.650+/-0.009 χ^2/NDF : 2635282.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.137+/-0.006 χ^2/NDF : 5190315.6/27

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.012 χ^2/NDF : 16.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-0.010 χ^2/NDF : 13.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

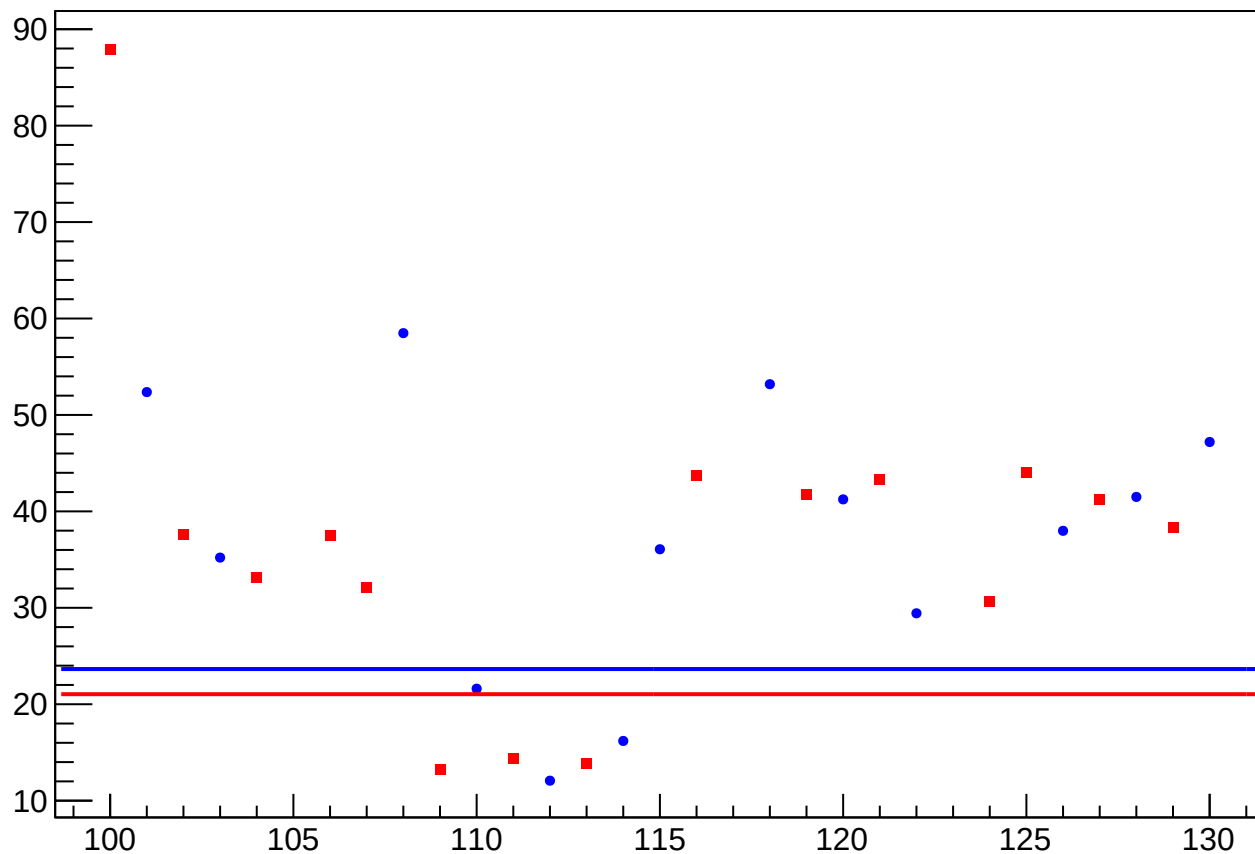
Right: 0.002+/-0.008 χ^2/NDF : 35.0/27

In: 0.023+/-0.012 χ^2/NDF : 16.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.008 χ^2/NDF : 35.0/27

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.650+/-0.009 χ^2/NDF : 2635282.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.042+/-0.007 χ^2/NDF : 2501268.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

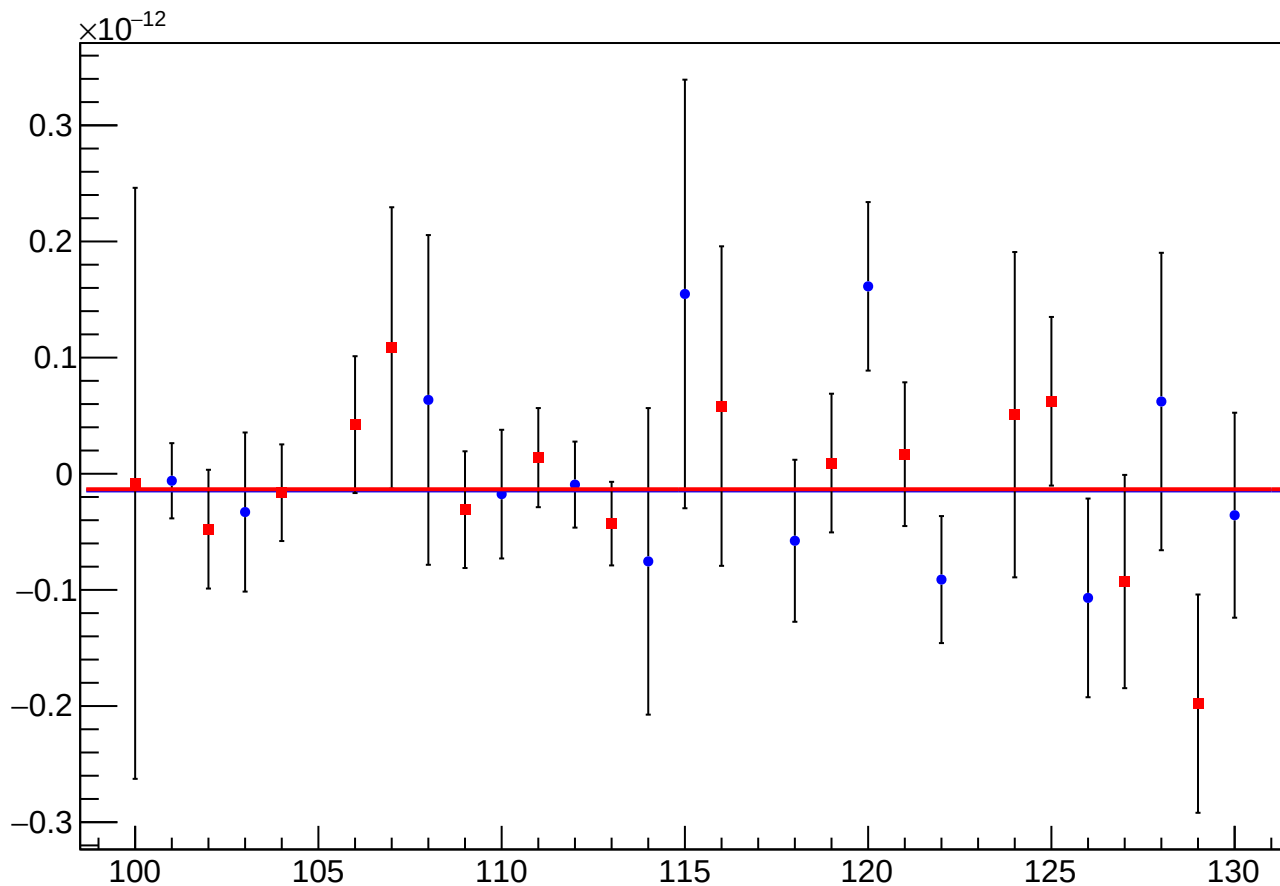
Right: 22.137+/-0.006 χ^2/NDF : 5190315.6/27

In: 23.650+/-0.009 χ^2/NDF : 2635282.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.137+/-0.006 χ^2/NDF : 5190315.6/27

asym_sam_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

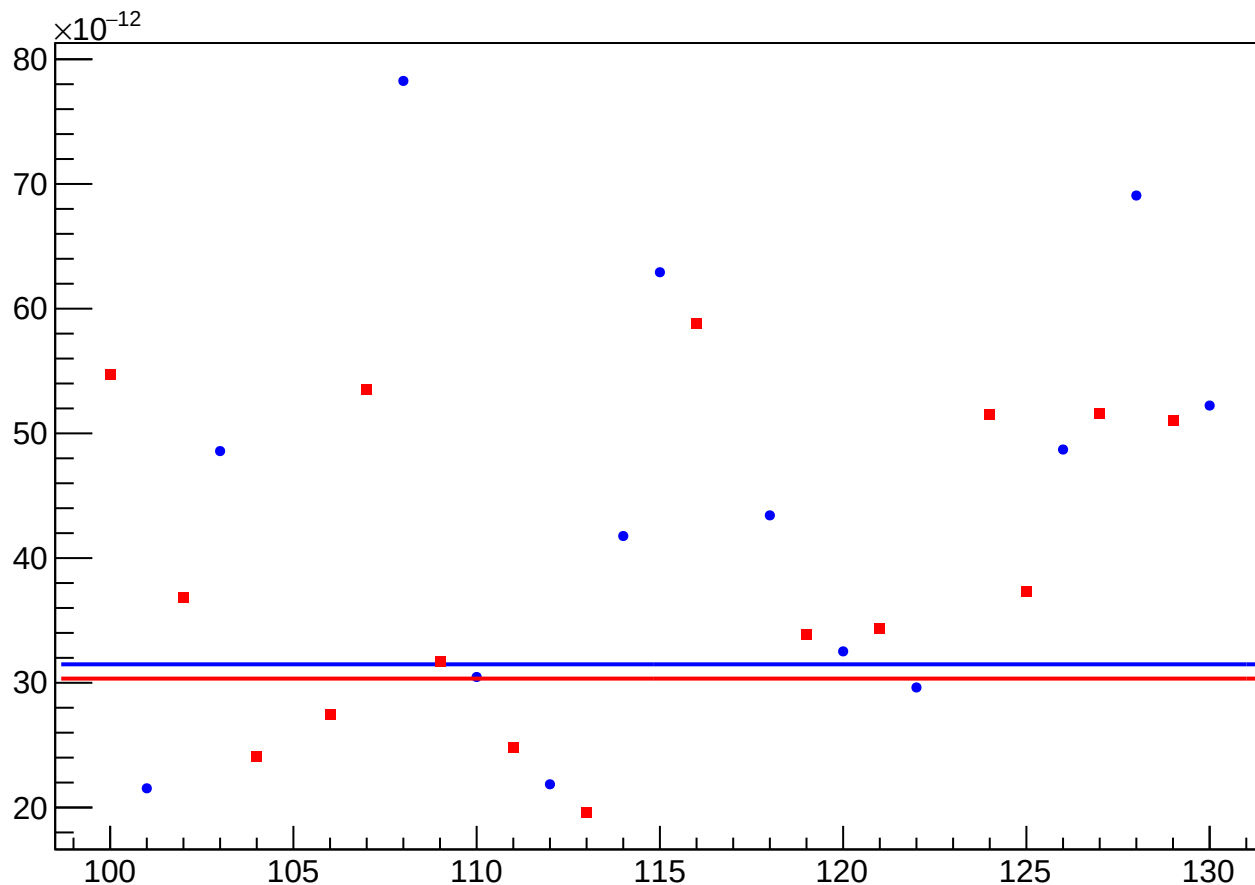
Right: -0.000+/-0.000 χ^2/NDF : 21.5/27

In: -0.000+/-0.000 χ^2/NDF : 11.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.5/27

asym_sam_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1161615.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 757208.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

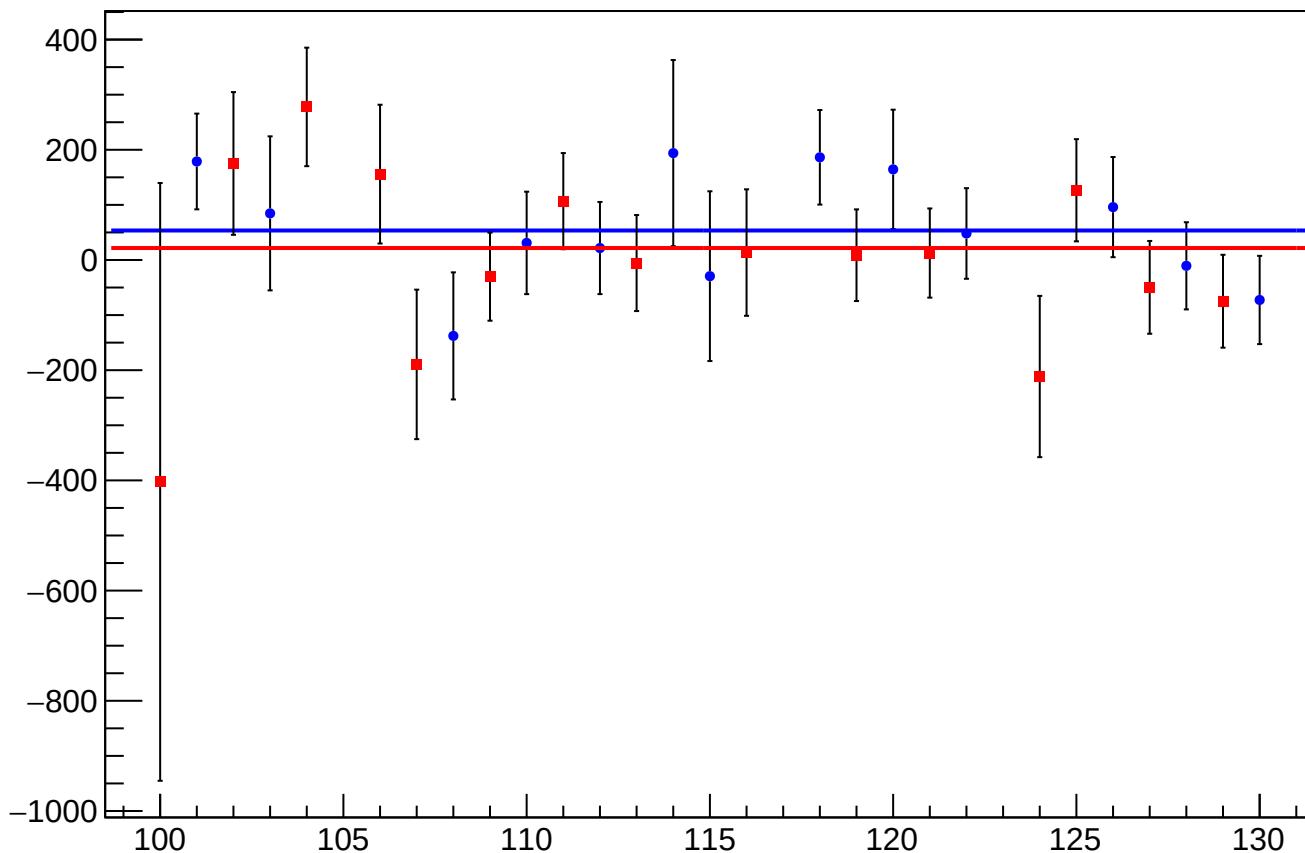
Right: 0.000+/-0.000 χ^2/NDF : 1923712.8/27

In: 0.000+/-0.000 χ^2/NDF : 1161615.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1923712.8/27

reg_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 53.509 $\pm$ 26.721 χ^2 /NDF: 12.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 21.703 $\pm$ 25.780 χ^2 /NDF: 18.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

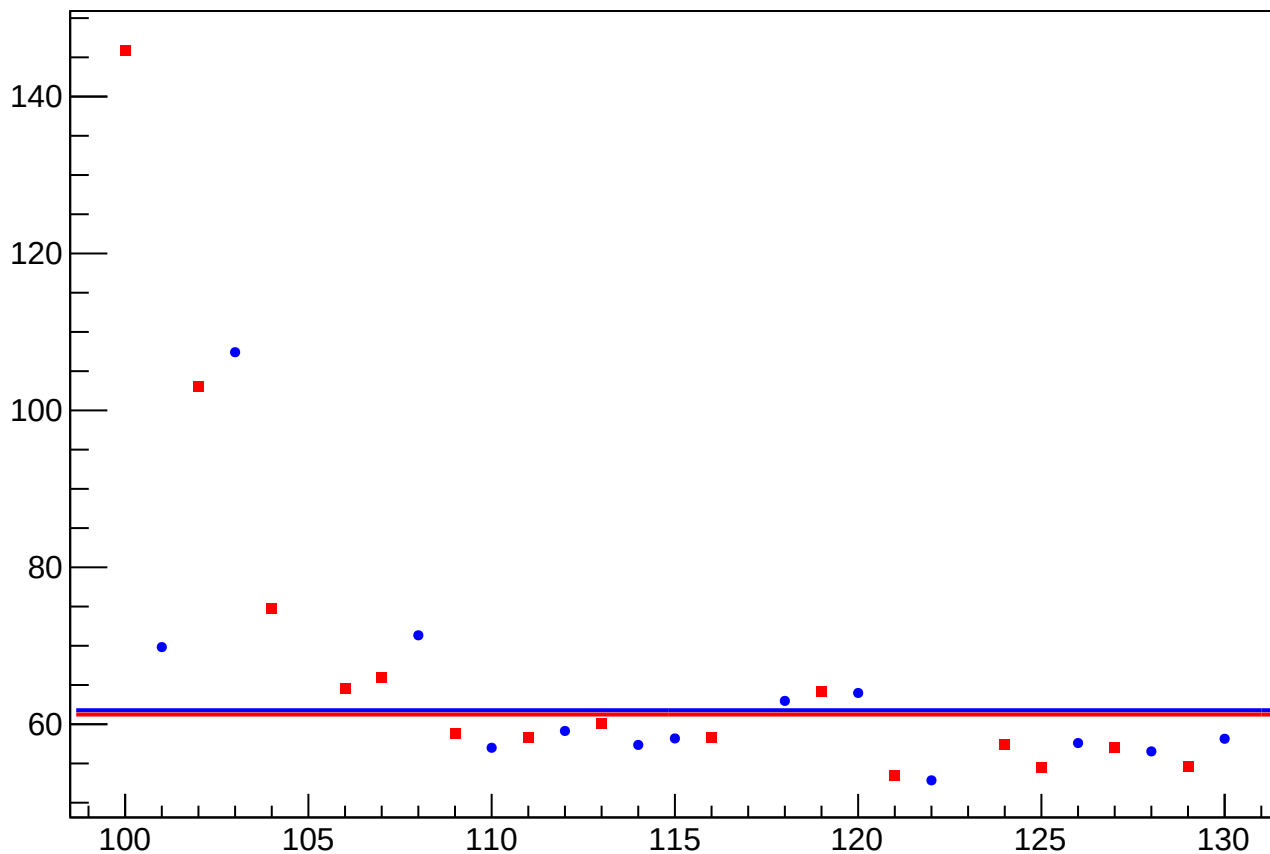
Right: 37.036 $\pm$ 18.553 χ^2 /NDF: 32.2/27

In: 53.509 $\pm$ 26.721 χ^2 /NDF:12.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 37.036 $\pm$ 18.553 χ^2 /NDF: 32.2/27

reg_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 61.784+/-0.019 χ^2/NDF : 295722.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.238+/-0.018 χ^2/NDF : 349176.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

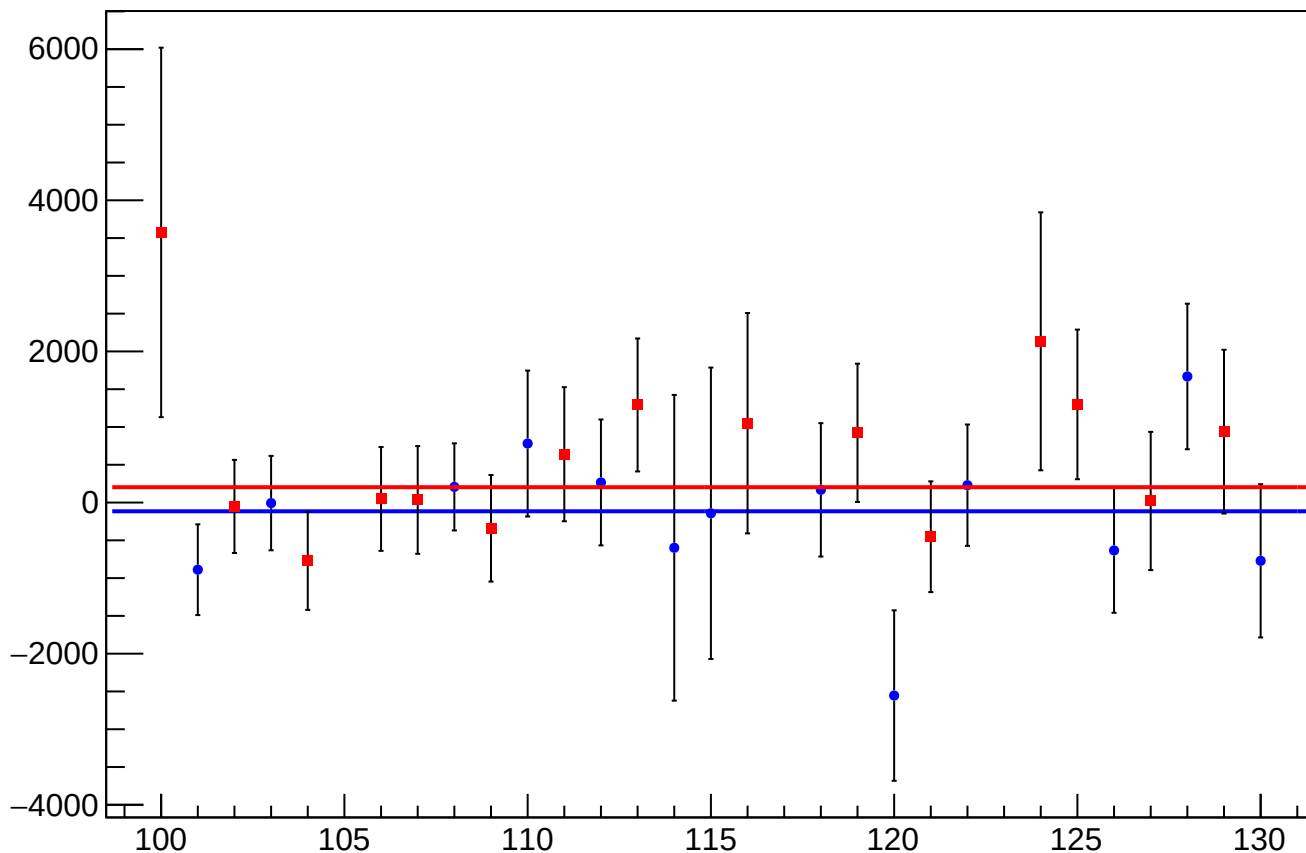
Right: 61.501+/-0.013 χ^2/NDF : 645331.1/27

In: 61.784+/-0.019 χ^2/NDF : 295722.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.501+/-0.013 χ^2/NDF : 645331.1/27

asym_sam_13_57_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -115.673+/-232.412 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 203.167+/-219.366 χ^2/NDF : 11.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

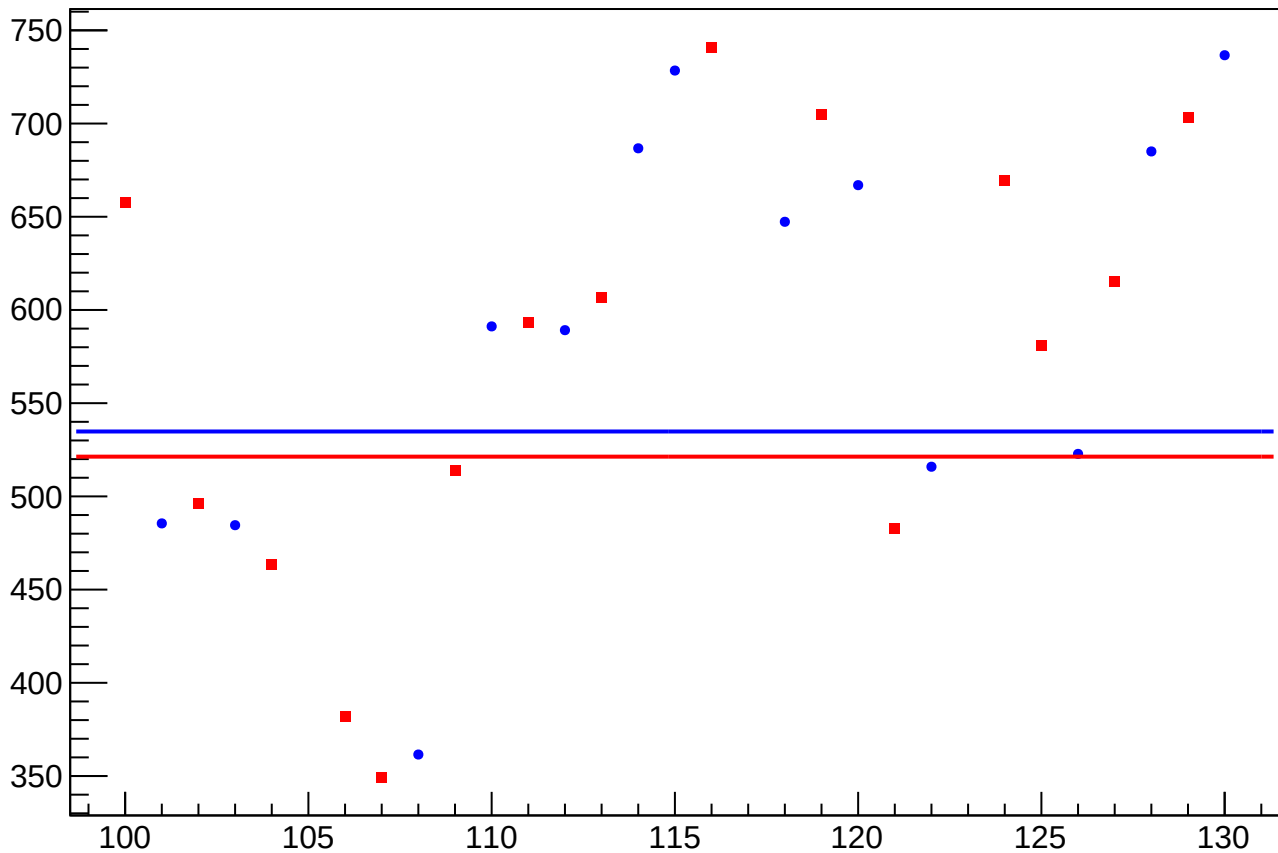
Right: 52.946+/-159.528 χ^2/NDF : 24.9/27

In: -115.673+/-232.412 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.946+/-159.528 χ^2/NDF : 24.9/27

asym_sam_13_57_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 534.814+/-0.164 χ^2/NDF : 443326.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 521.321+/-0.155 χ^2/NDF : 487950.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

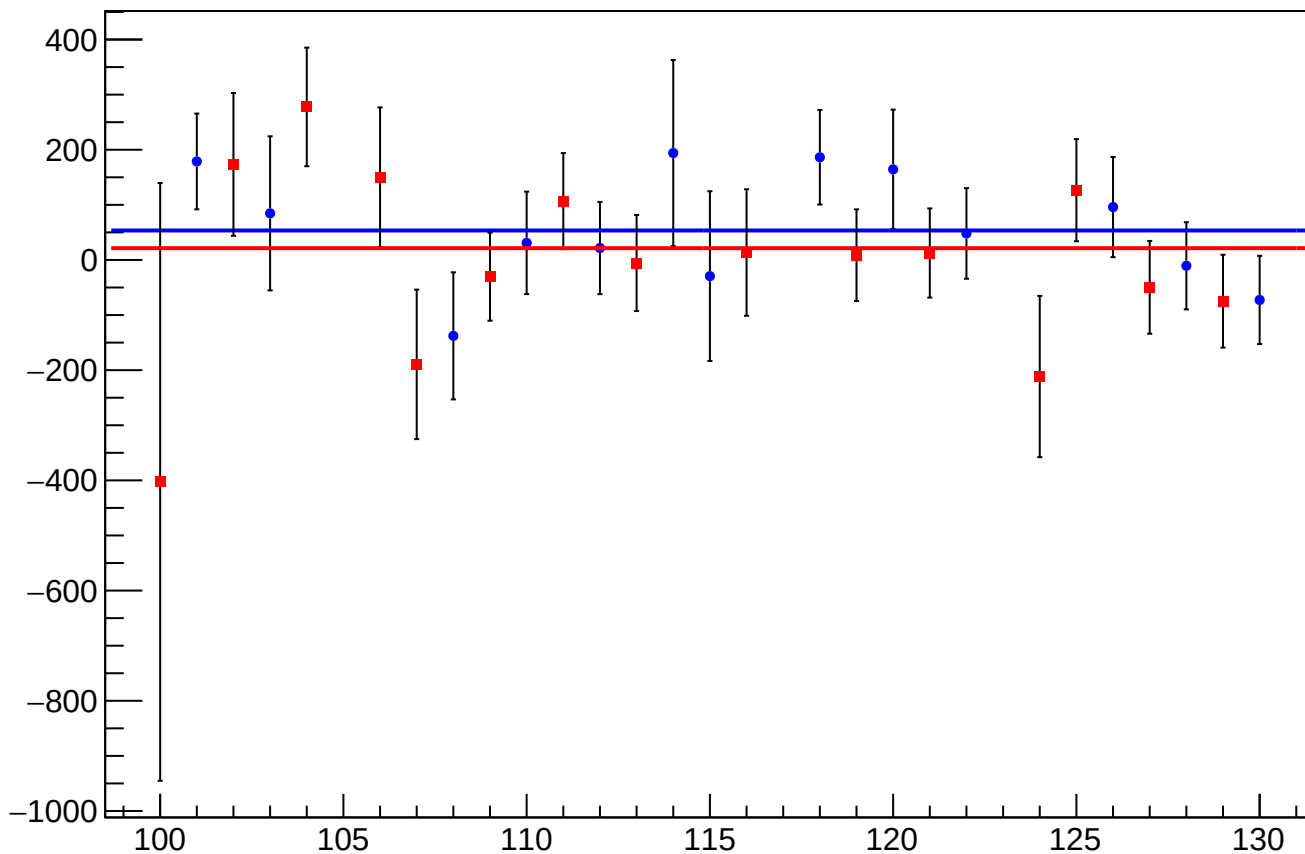
Right: 527.678+/-0.113 χ^2/NDF : 934842.5/27

In: 534.814+/-0.164 χ^2/NDF :443326.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 527.678+/-0.113 χ^2/NDF : 934842.5/27

cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 53.511 $\pm$ 26.721 χ^2 /NDF: 12.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.333 $\pm$ 25.786 χ^2 /NDF: 18.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

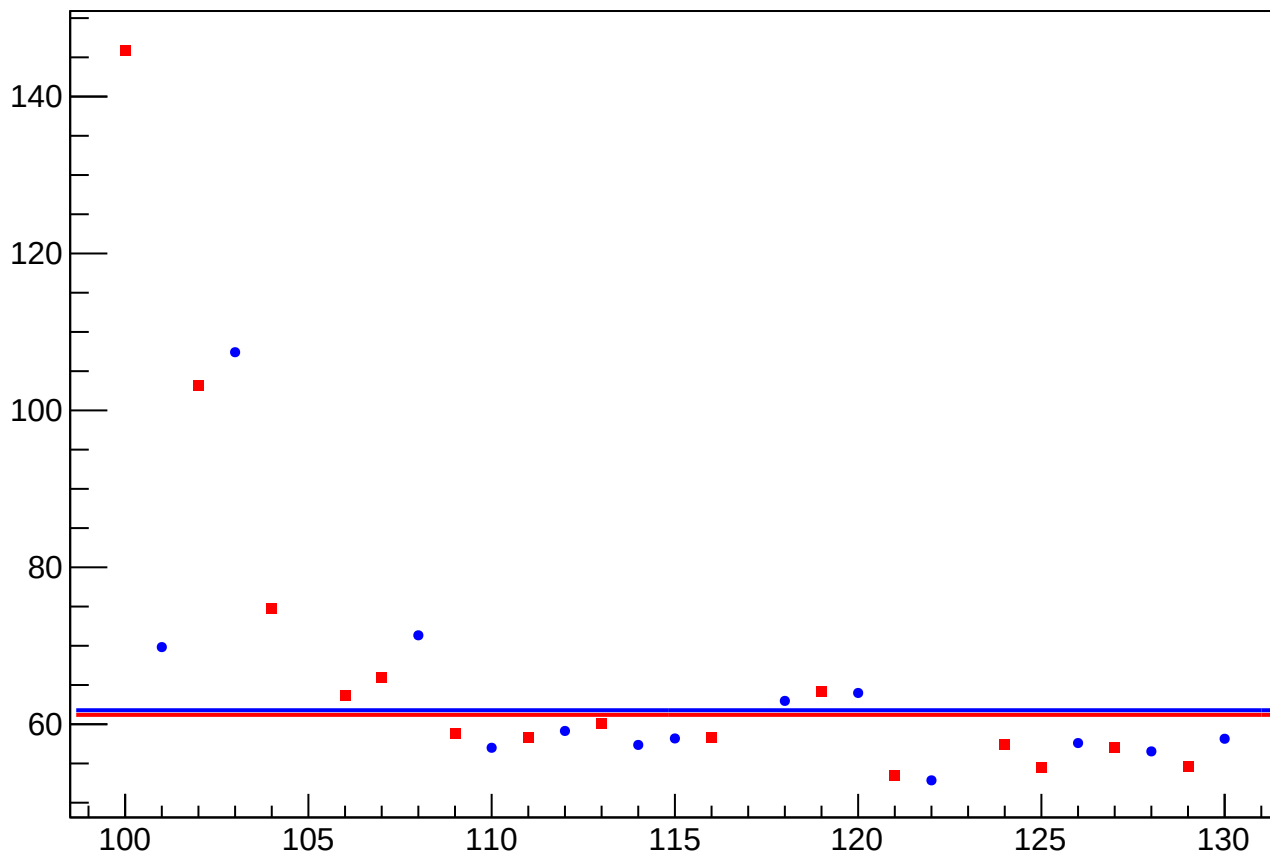
Right: 36.849 $\pm$ 18.555 χ^2 /NDF: 32.1/27

In: 53.511 $\pm$ 26.721 χ^2 /NDF: 12.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.849 $\pm$ 18.555 χ^2 /NDF: 32.1/27

cor_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 61.784+/-0.019 χ^2/NDF : 295724.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.196+/-0.018 χ^2/NDF : 348677.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

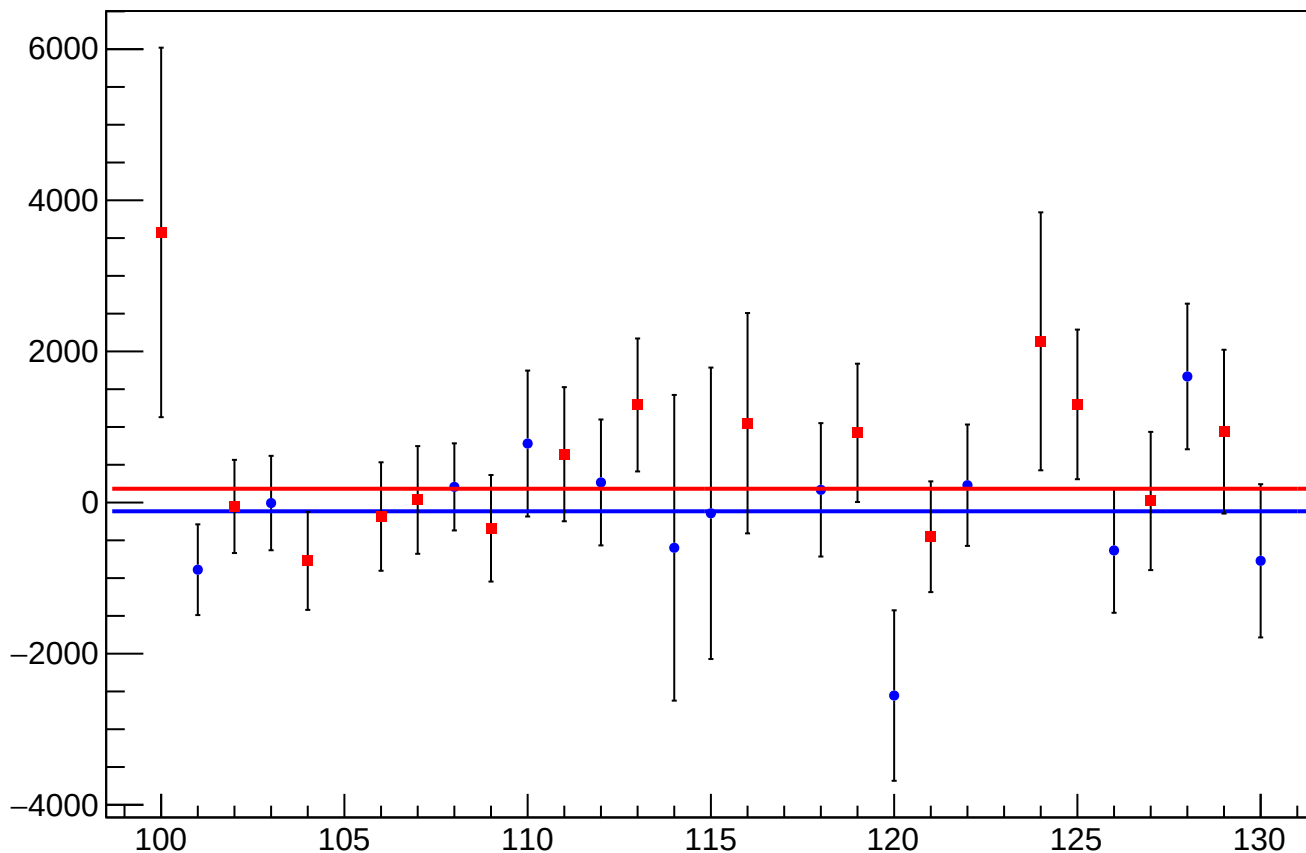
Right: 61.479+/-0.013 χ^2/NDF : 644903.7/27

In: 61.784+/-0.019 χ^2/NDF : 295724.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.479+/-0.013 χ^2/NDF : 644903.7/27

asym_sam_13_57_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -115.605+/-232.414 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 182.643+/-220.340 χ^2/NDF : 11.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

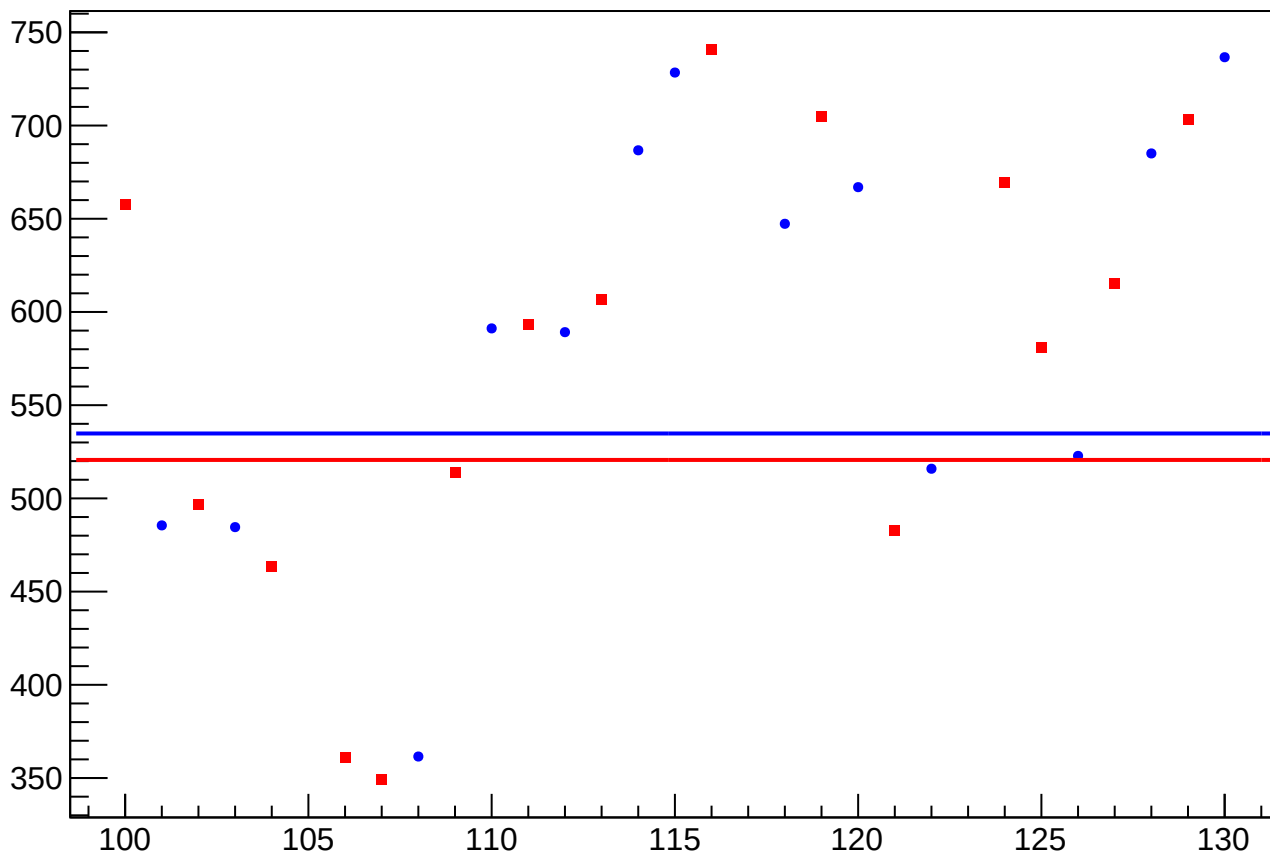
Right: 41.467+/-159.902 χ^2/NDF : 25.0/27

In: -115.605+/-232.414 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.467+/-159.902 χ^2/NDF : 25.0/27

asym_sam_13_57_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 534.819+/-0.164 χ^2/NDF : 443308.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 520.625+/-0.156 χ^2/NDF : 505225.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

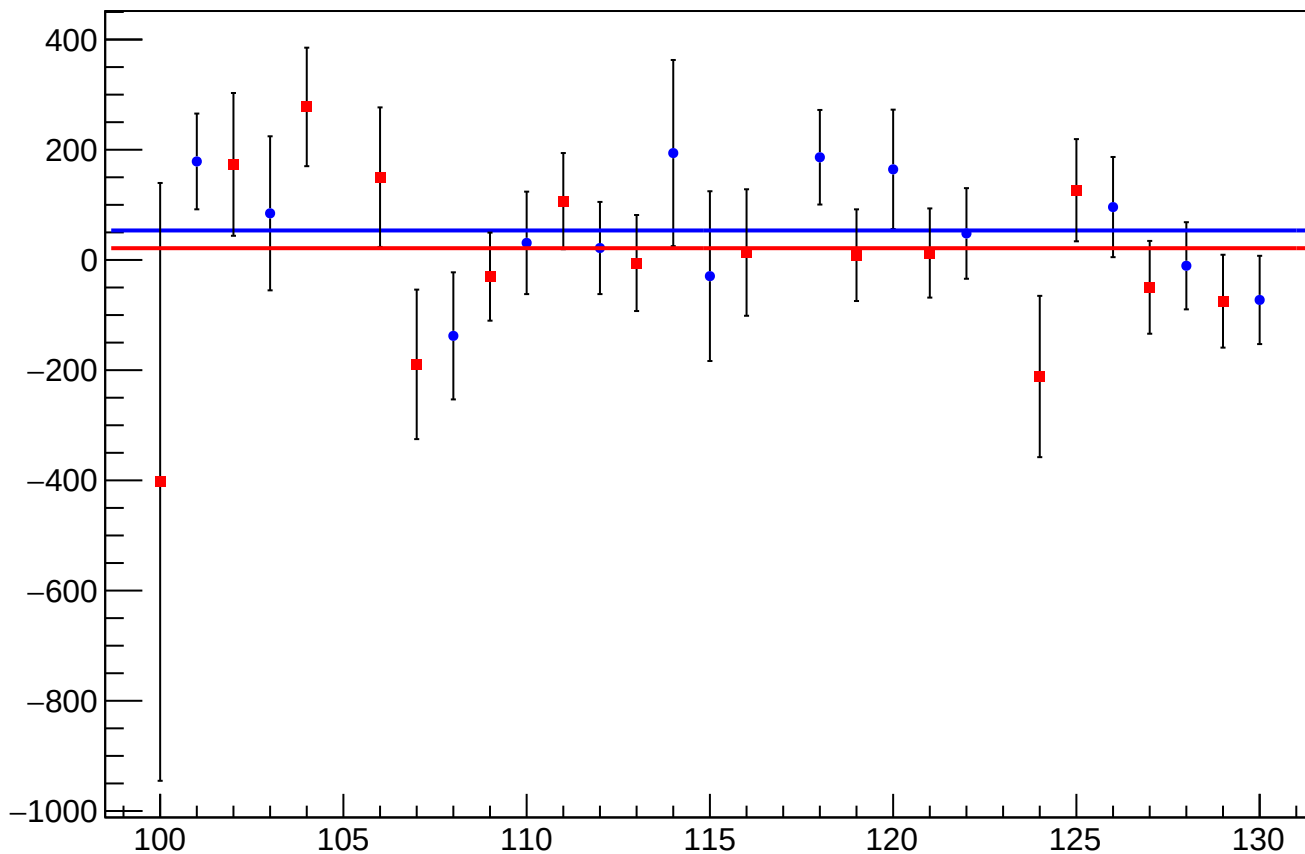
Right: 527.344+/-0.113 χ^2/NDF : 952463.2/27

In: 534.819+/-0.164 χ^2/NDF :443308.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 527.344+/-0.113 χ^2/NDF : 952463.2/27

eigen_cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 53.511 $\pm$ 26.721 χ^2 /NDF: 12.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 21.333 $\pm$ 25.786 χ^2 /NDF: 18.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

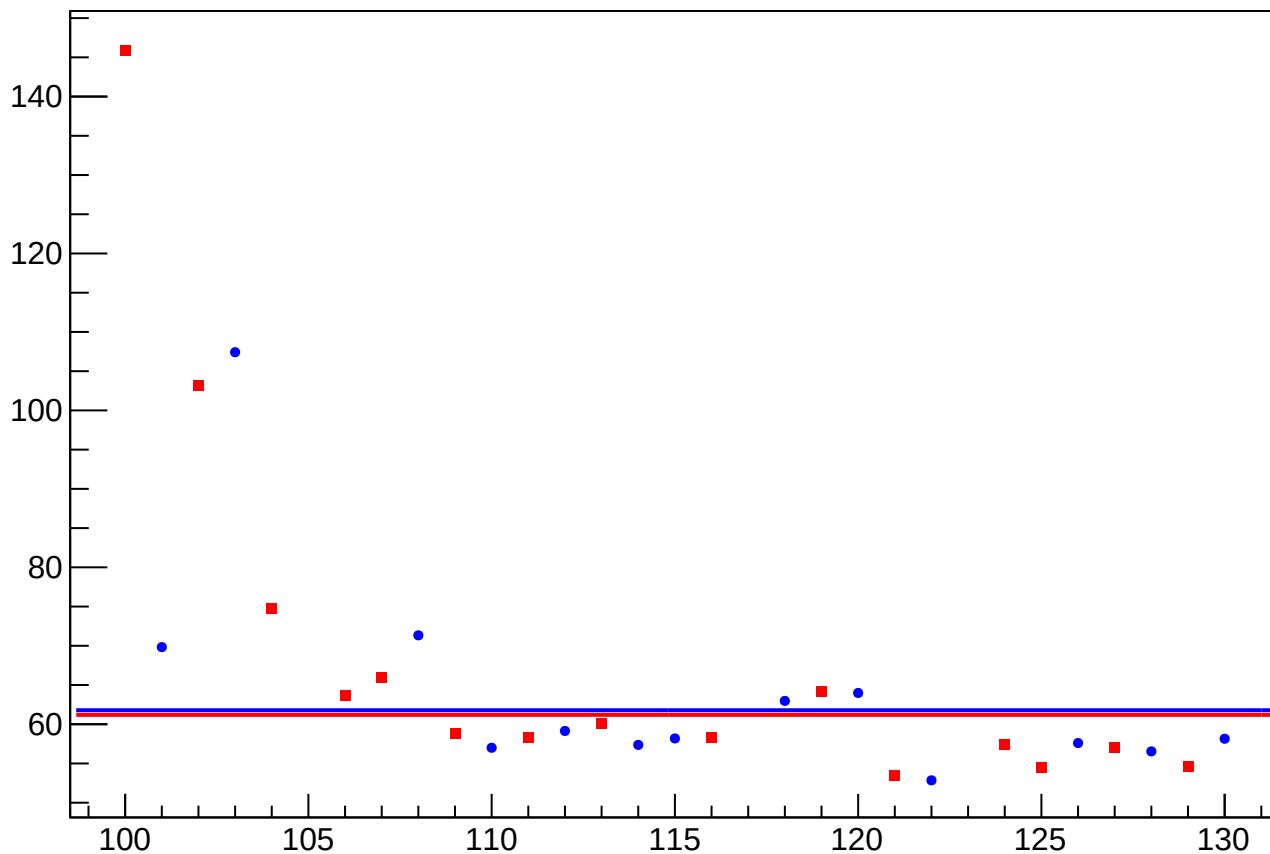
Right: 36.849 $\pm$ 18.555 χ^2 /NDF: 32.1/27

In: 53.511 $\pm$ 26.721 χ^2 /NDF:12.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 36.849 $\pm$ 18.555 χ^2 /NDF: 32.1/27

eigen_cor_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 61.784+/-0.019 χ^2/NDF : 295724.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.196+/-0.018 χ^2/NDF : 348677.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

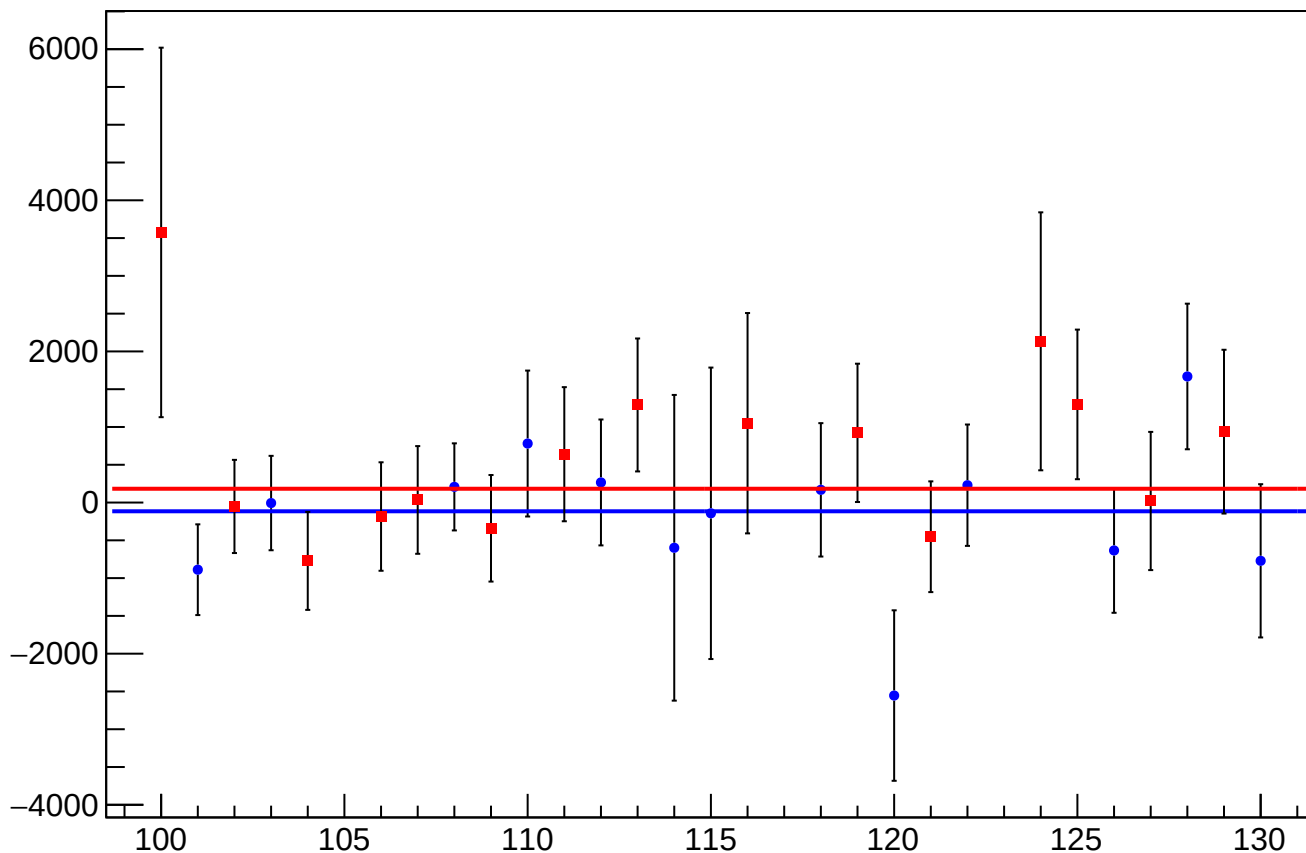
Right: 61.479+/-0.013 χ^2/NDF : 644903.7/27

In: 61.784+/-0.019 χ^2/NDF : 295724.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.479+/-0.013 χ^2/NDF : 644903.7/27

asym_sam_13_57_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -115.605+/-232.414 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 182.643+/-220.340 χ^2/NDF : 11.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

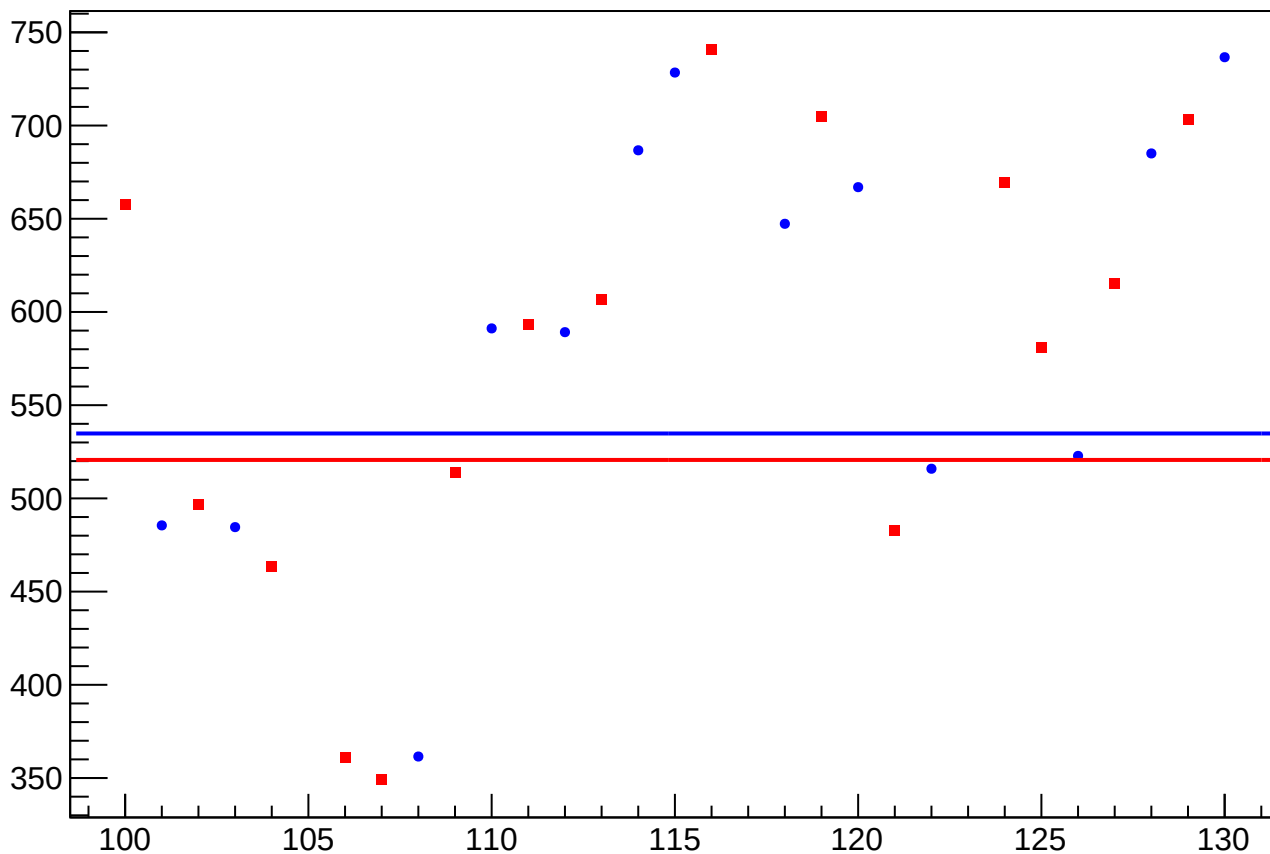
Right: 41.467+/-159.902 χ^2/NDF : 25.0/27

In: -115.605+/-232.414 χ^2/NDF : 12.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.467+/-159.902 χ^2/NDF : 25.0/27

asym_sam_13_57_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 534.819+/-0.164 χ^2/NDF : 443308.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 520.625+/-0.156 χ^2/NDF : 505225.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

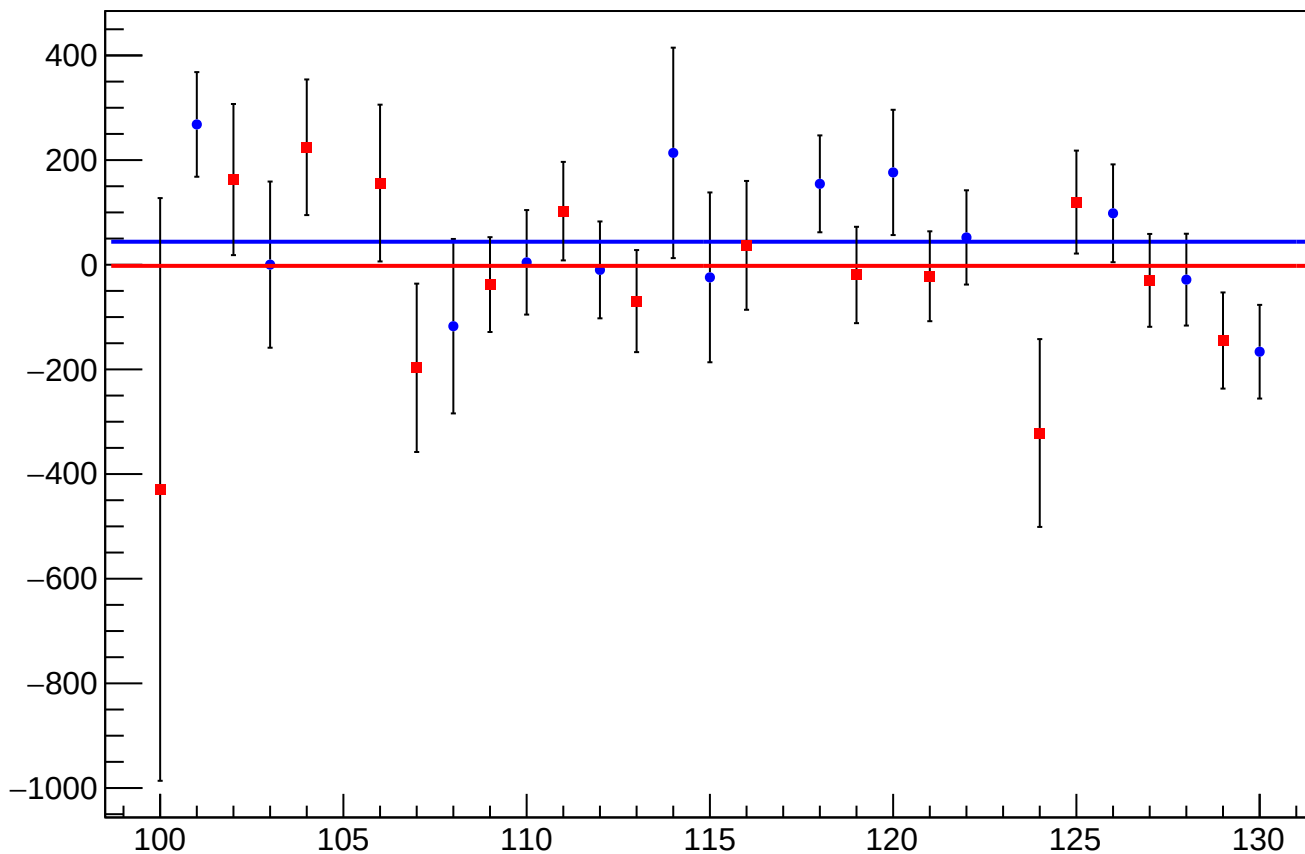
Right: 527.344+/-0.113 χ^2/NDF : 952463.2/27

In: 534.819+/-0.164 χ^2/NDF :443308.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 527.344+/-0.113 χ^2/NDF : 952463.2/27

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 43.986 $\pm$ 29.694 χ^2 /NDF: 16.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.133 $\pm$ 28.479 χ^2 /NDF: 16.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

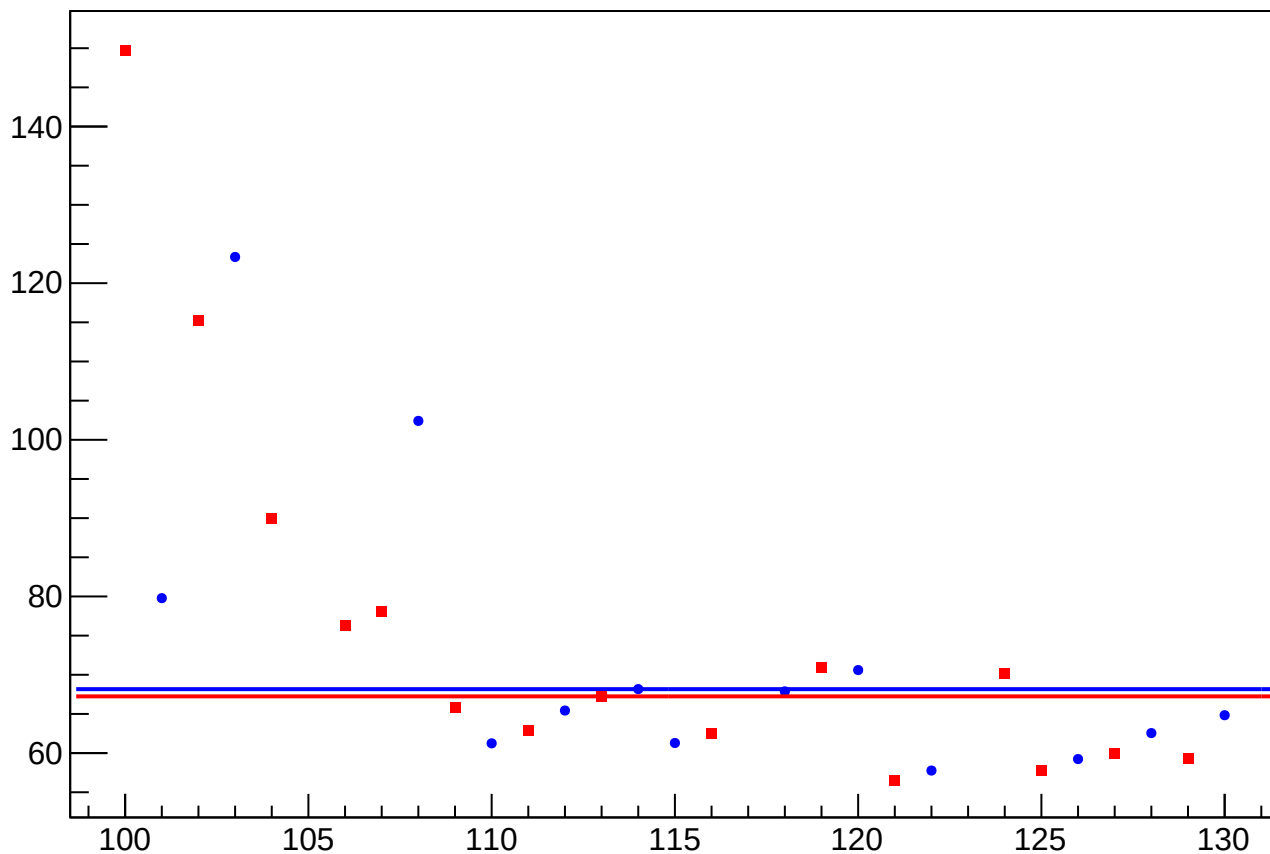
Right: 19.963 $\pm$ 20.554 χ^2 /NDF: 34.7/27

In: 43.986 $\pm$ 29.694 χ^2 /NDF:16.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 19.963 $\pm$ 20.554 χ^2 /NDF: 34.7/27

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 68.165+/-0.021 χ^2/NDF : 424559.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.243+/-0.020 χ^2/NDF : 432316.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

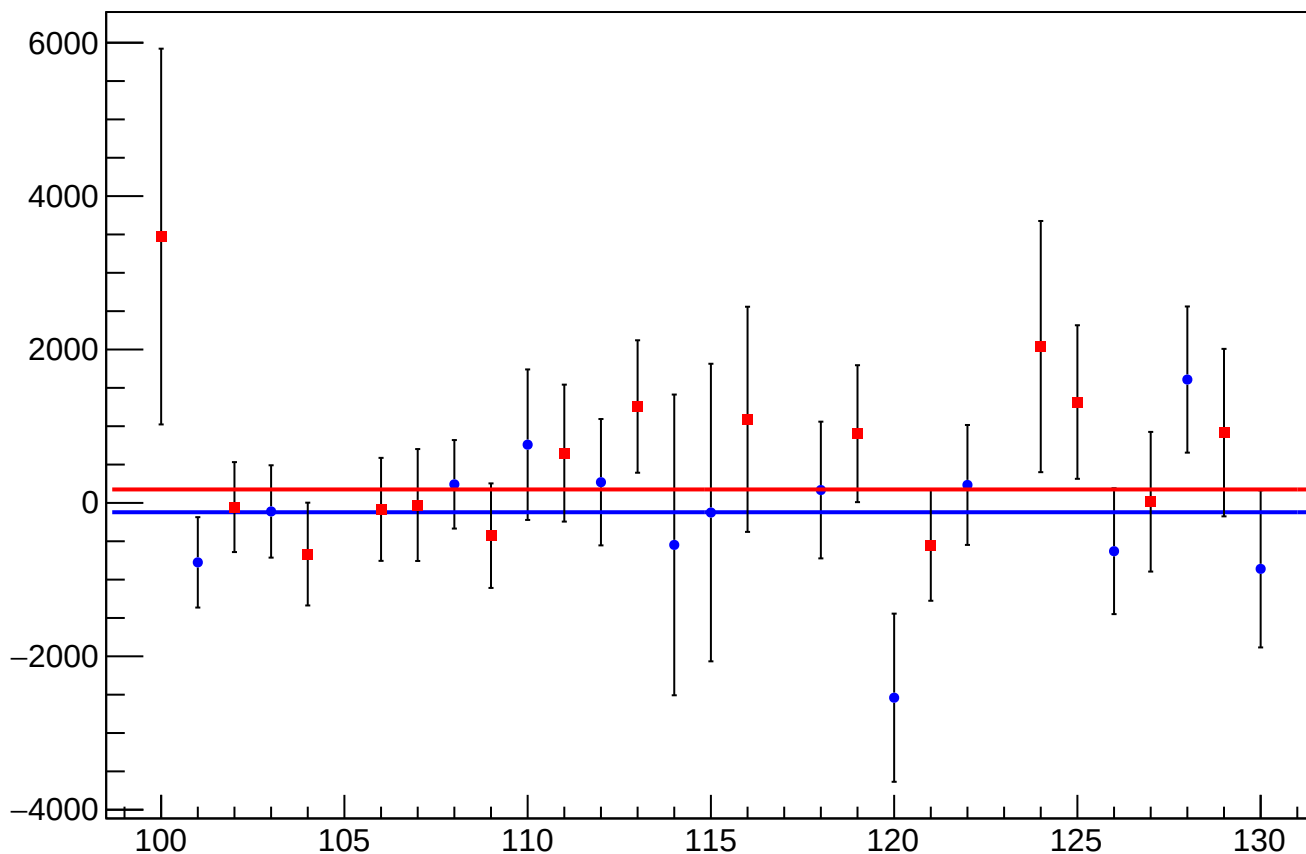
Right: 67.685+/-0.015 χ^2/NDF : 857880.4/27

In: 68.165+/-0.021 χ^2/NDF : 424559.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.685+/-0.015 χ^2/NDF : 857880.4/27

asym_sam_13_57_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -121.468+/-229.729 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 175.569+/-217.211 χ^2/NDF : 11.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

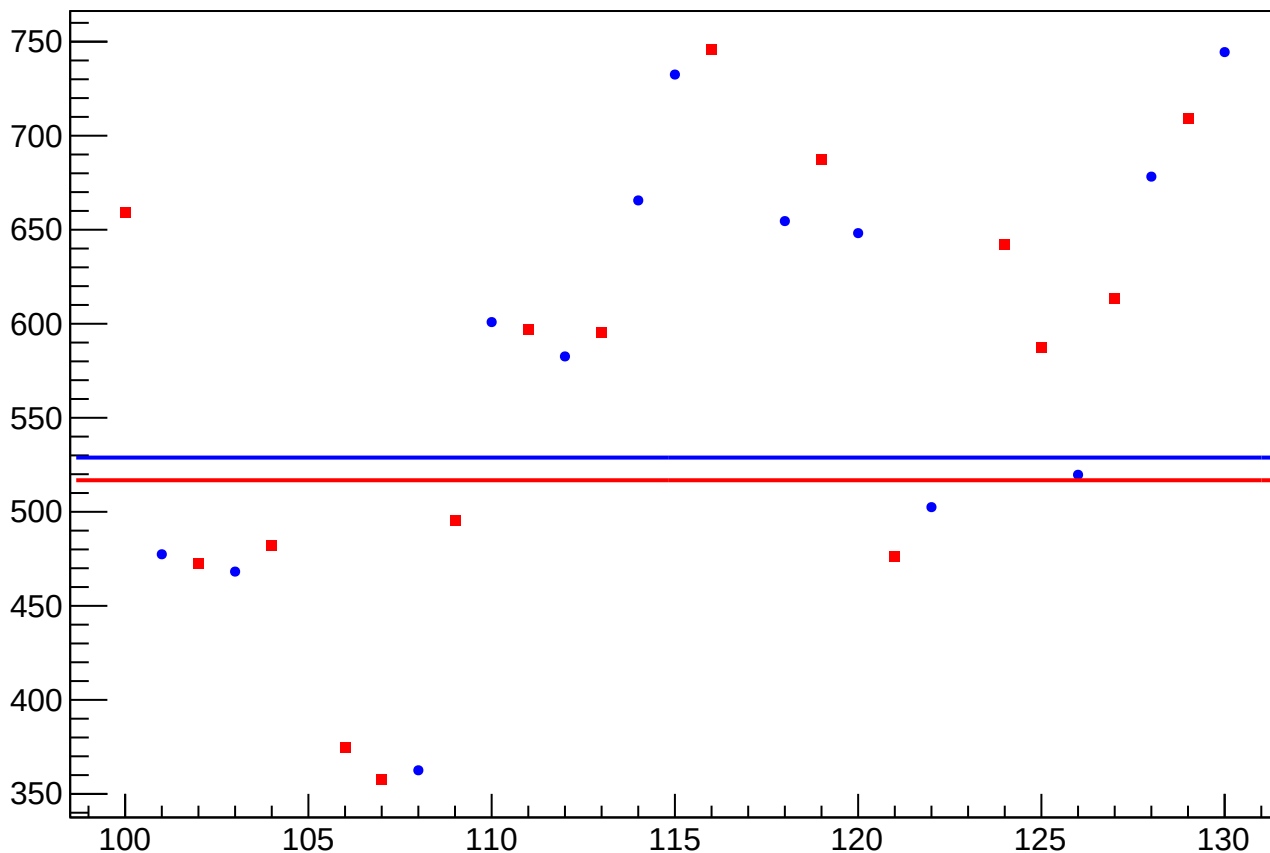
Right: 35.364+/-157.831 χ^2/NDF : 24.5/27

In: -121.468+/-229.729 χ^2/NDF : 12.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.364+/-157.831 χ^2/NDF : 24.5/27

asym_sam_13_57_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 528.845+/-0.162 χ^2/NDF : 456518.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 516.790+/-0.154 χ^2/NDF : 477247.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

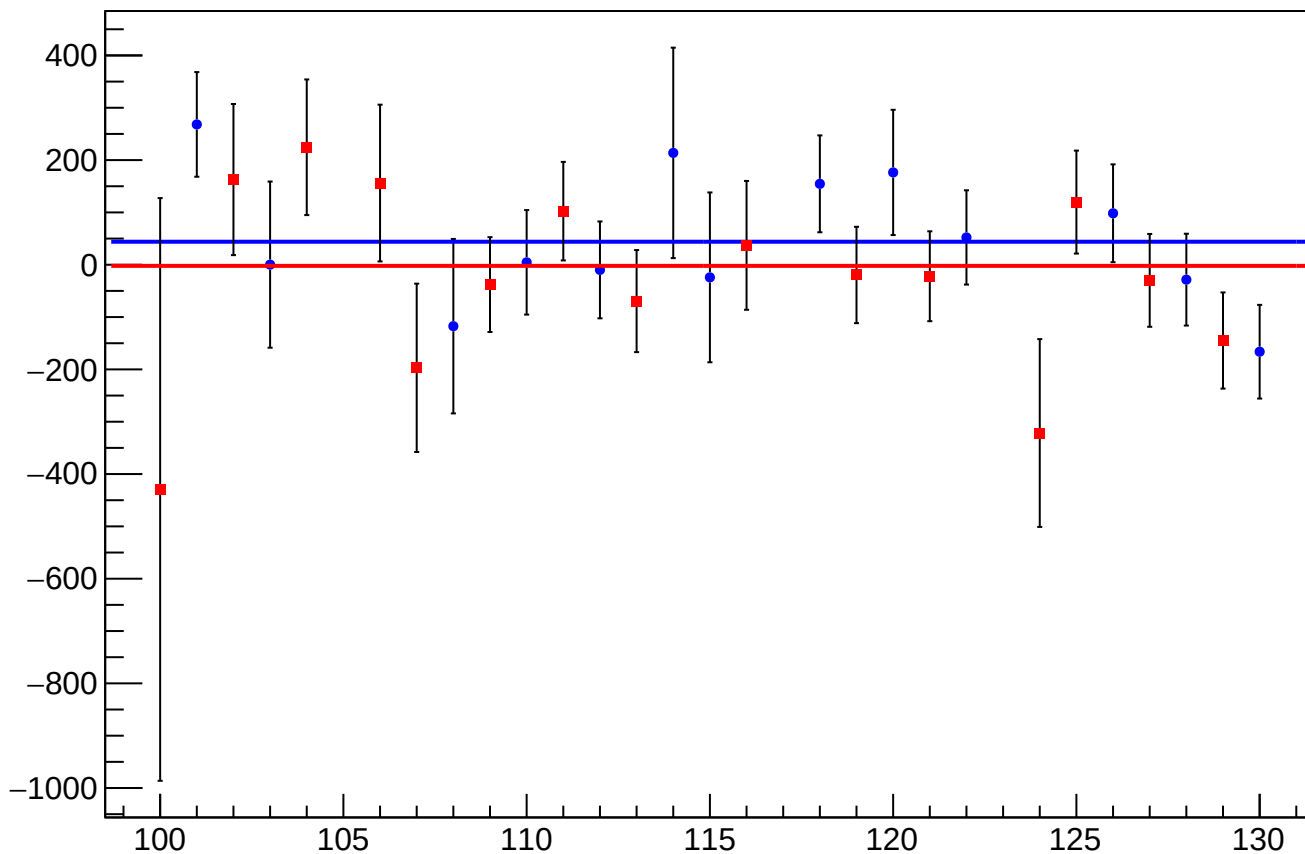
Right: 522.480+/-0.112 χ^2/NDF : 936673.9/27

In: 528.845+/-0.162 χ^2/NDF : 456518.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 522.480+/-0.112 χ^2/NDF : 936673.9/27

eigen_dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 43.987 $\pm$ 29.694 χ^2 /NDF: 16.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.134 $\pm$ 28.479 χ^2 /NDF: 16.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

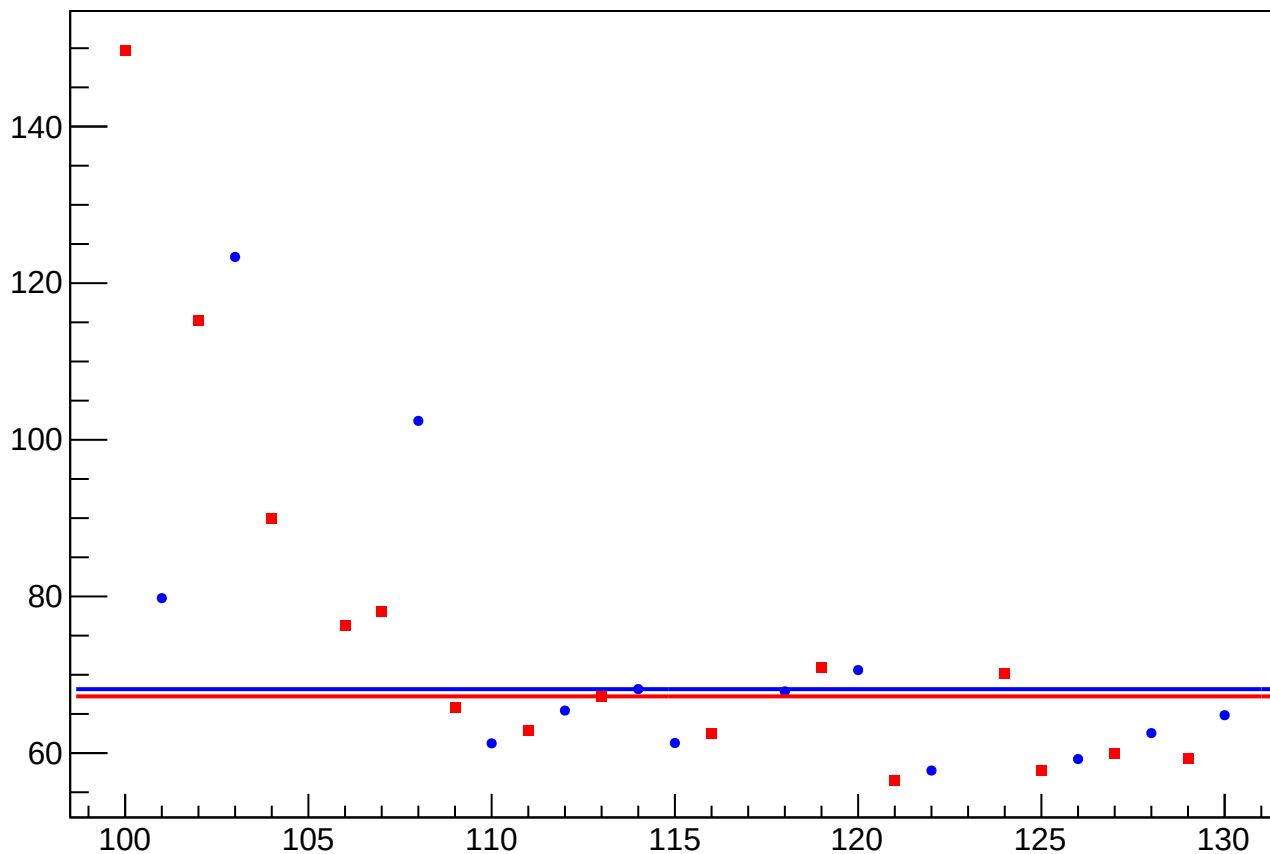
Right: 19.963 $\pm$ 20.554 χ^2 /NDF: 34.7/27

In: 43.987 $\pm$ 29.694 χ^2 /NDF:16.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 19.963 $\pm$ 20.554 χ^2 /NDF: 34.7/27

eigen_dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 68.165+/-0.021 χ^2/NDF : 424563.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.243+/-0.020 χ^2/NDF : 432316.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

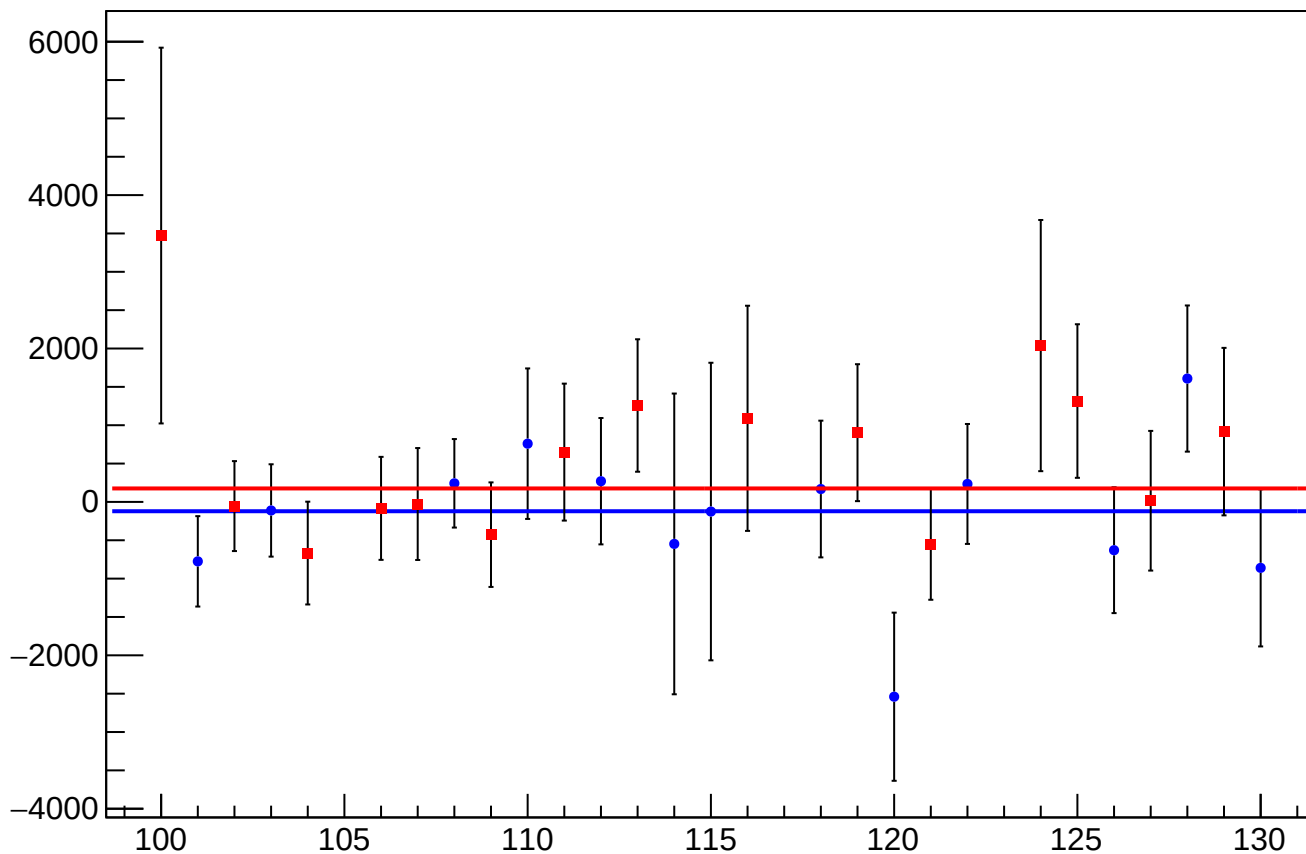
Right: 67.685+/-0.015 χ^2/NDF : 857884.9/27

In: 68.165+/-0.021 χ^2/NDF : 424563.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.685+/-0.015 χ^2/NDF : 857884.9/27

asym_sam_13_57_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -121.467 $\pm$ 229.729 χ^2 /NDF: 12.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 175.568 $\pm$ 217.210 χ^2 /NDF: 11.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

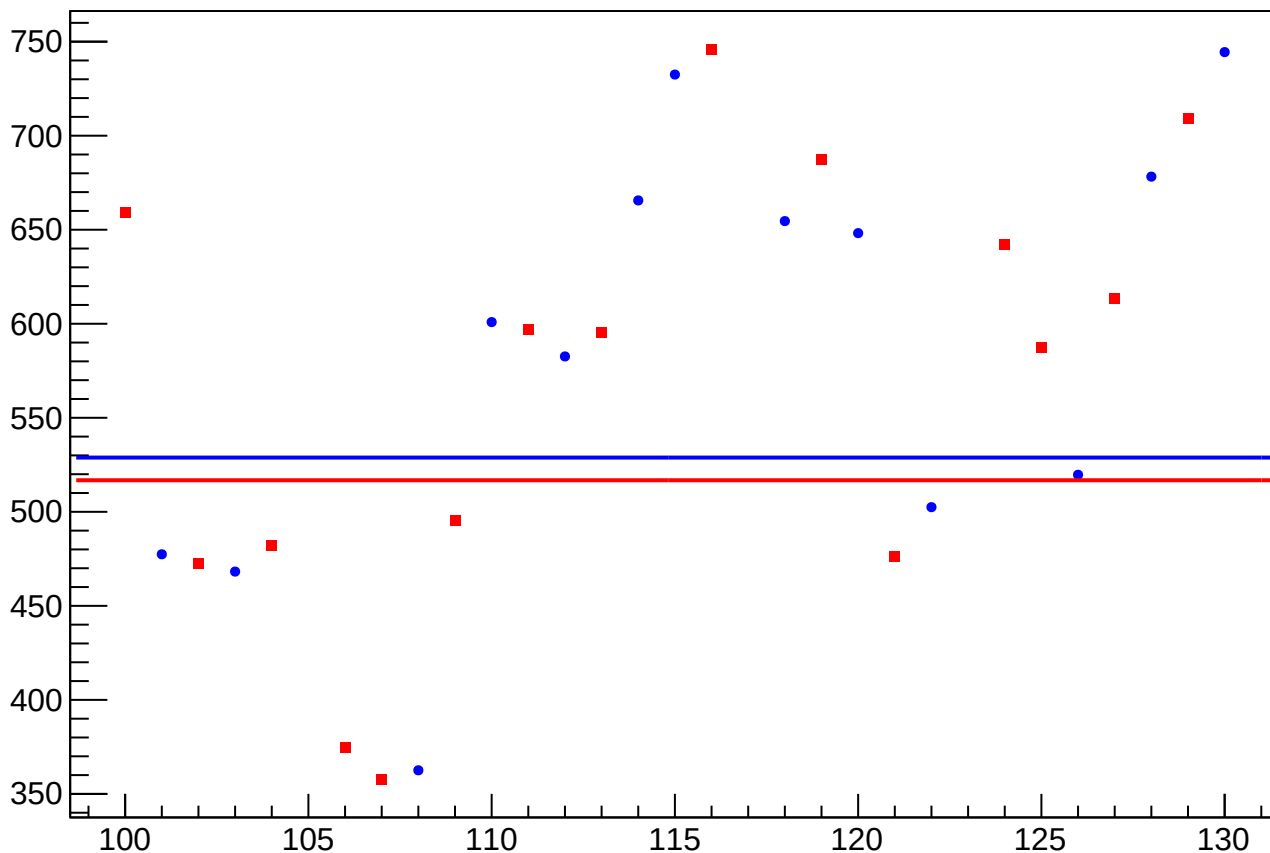
Right: 35.363 $\pm$ 157.831 χ^2 /NDF: 24.5/27

In: -121.467 $\pm$ 229.729 χ^2 /NDF:12.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 35.363 $\pm$ 157.831 χ^2 /NDF: 24.5/27

asym_sam_13_57_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 528.844+/-0.162 χ^2/NDF : 456522.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 516.789+/-0.154 χ^2/NDF : 477249.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

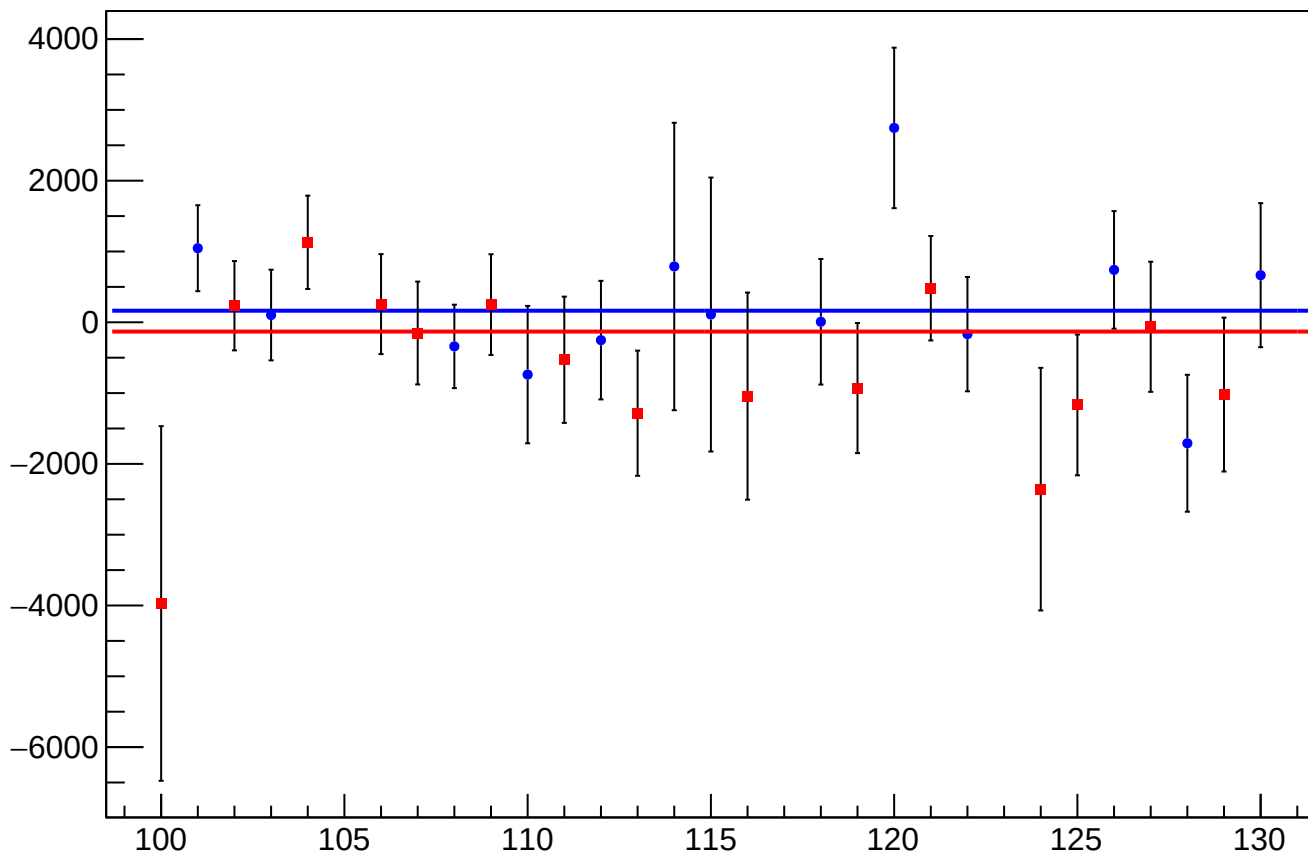
Right: 522.479+/-0.112 χ^2/NDF : 936679.5/27

In: 528.844+/-0.162 χ^2/NDF : 456522.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 522.479+/-0.112 χ^2/NDF : 936679.5/27

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 163.649+/-235.060 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -131.006+/-222.158 χ^2/NDF : 14.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

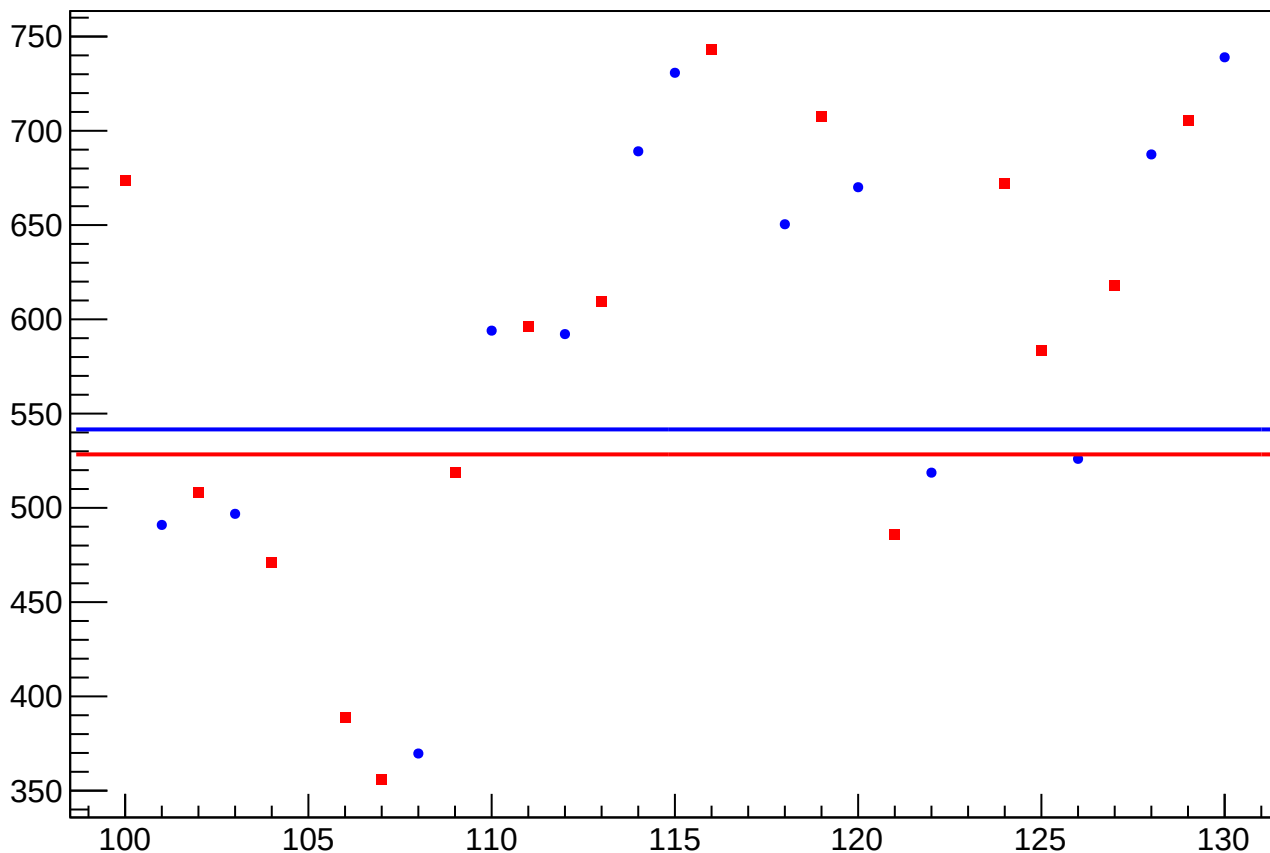
Right: 8.013+/-161.458 χ^2/NDF : 28.9/27

In: 163.649+/-235.060 χ^2/NDF : 13.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.013+/-161.458 χ^2/NDF : 28.9/27

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 541.606+/-0.166 χ^2/NDF : 415605.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 528.358+/-0.157 χ^2/NDF : 461931.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

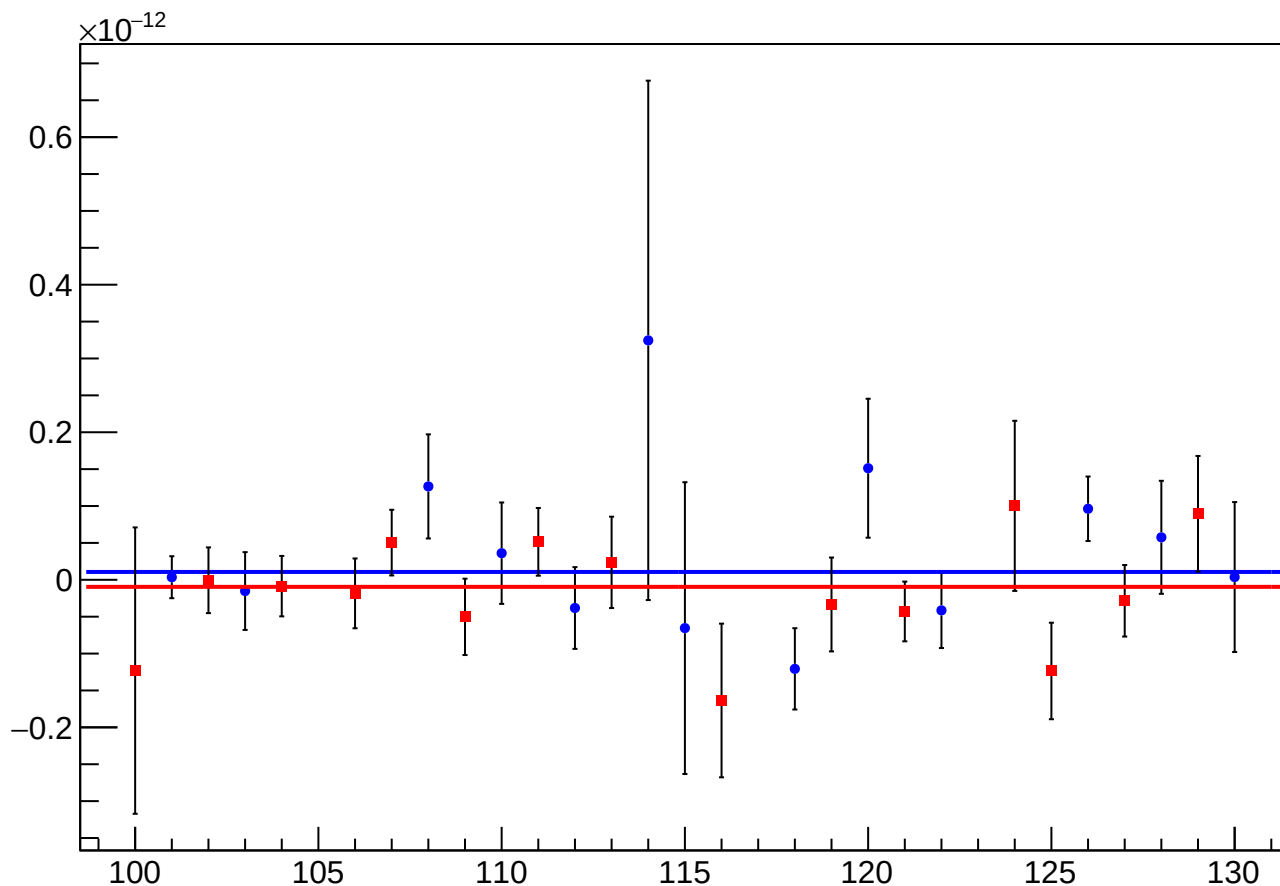
Right: 534.608+/-0.114 χ^2/NDF : 880892.9/27

In: 541.606+/-0.166 χ^2/NDF :415605.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 534.608+/-0.114 χ^2/NDF : 880892.9/27

asym_sam_13_57_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 18.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

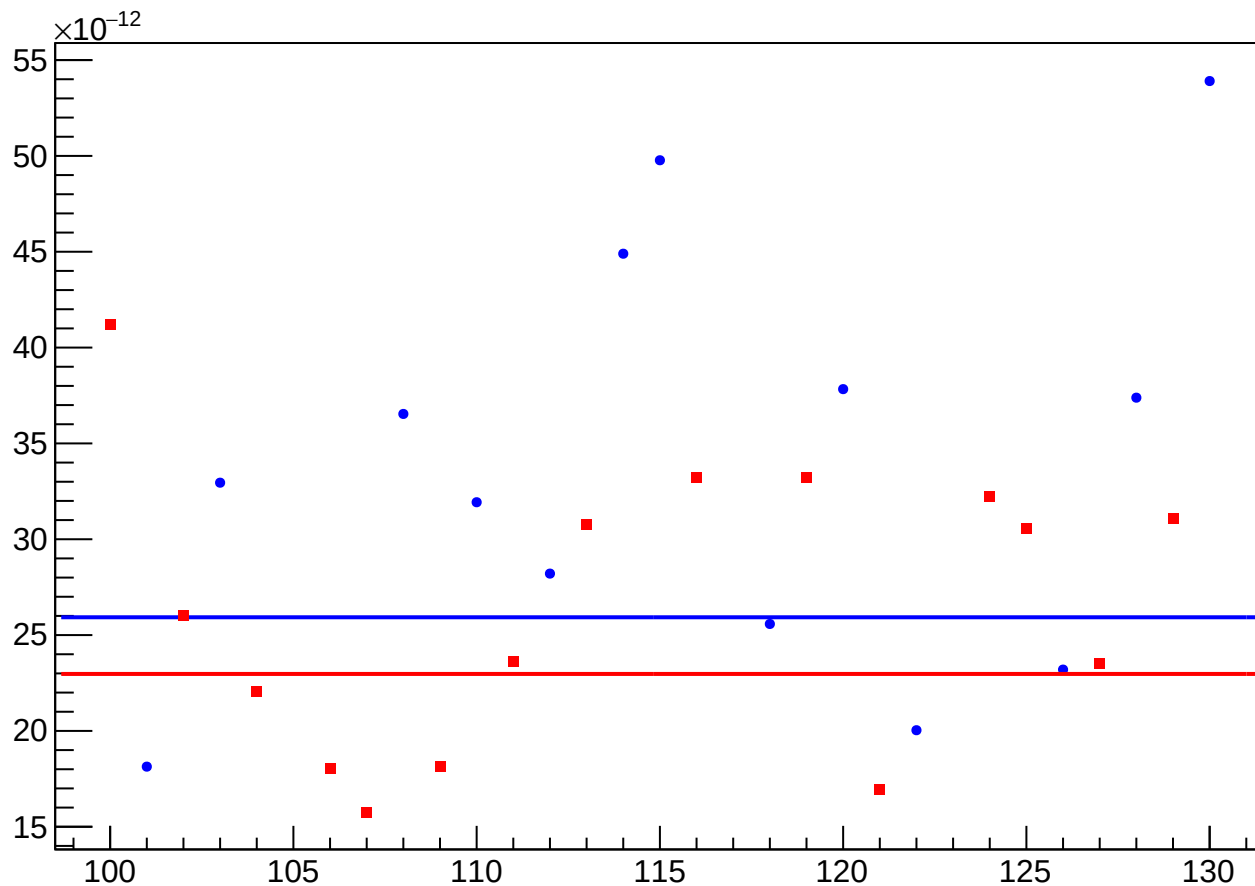
Right: -0.000+/-0.000 χ^2/NDF : 32.5/27

In: 0.000+/-0.000 χ^2/NDF : 18.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.5/27

asym_sam_13_57_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 547129.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 328683.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

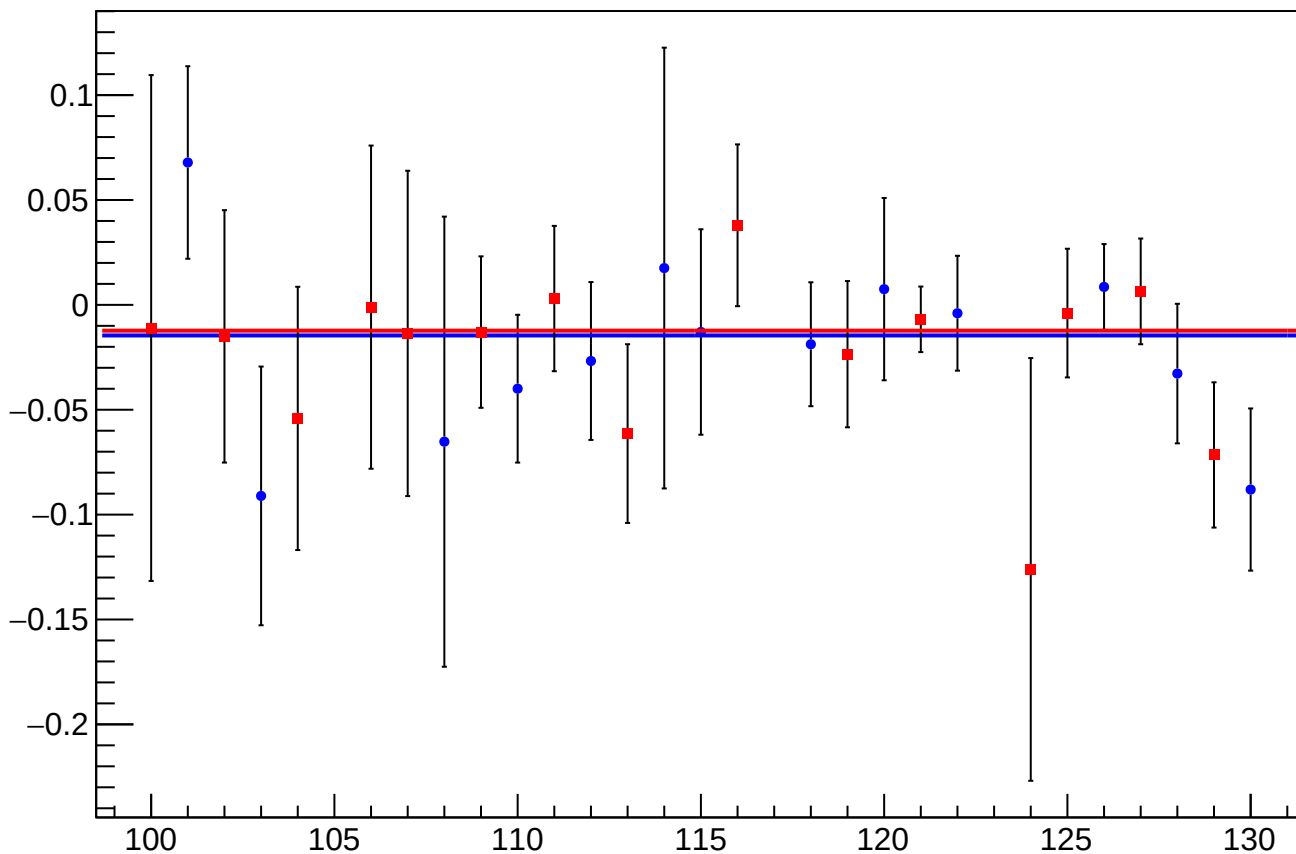
Right: 0.000+/-0.000 χ^2/NDF : 914692.8/27

In: 0.000+/-0.000 χ^2/NDF : 547129.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 914692.8/27

asym_sam_13_57_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015 ± 0.010 χ^2/NDF : 11.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.012 ± 0.009 χ^2/NDF : 8.7/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

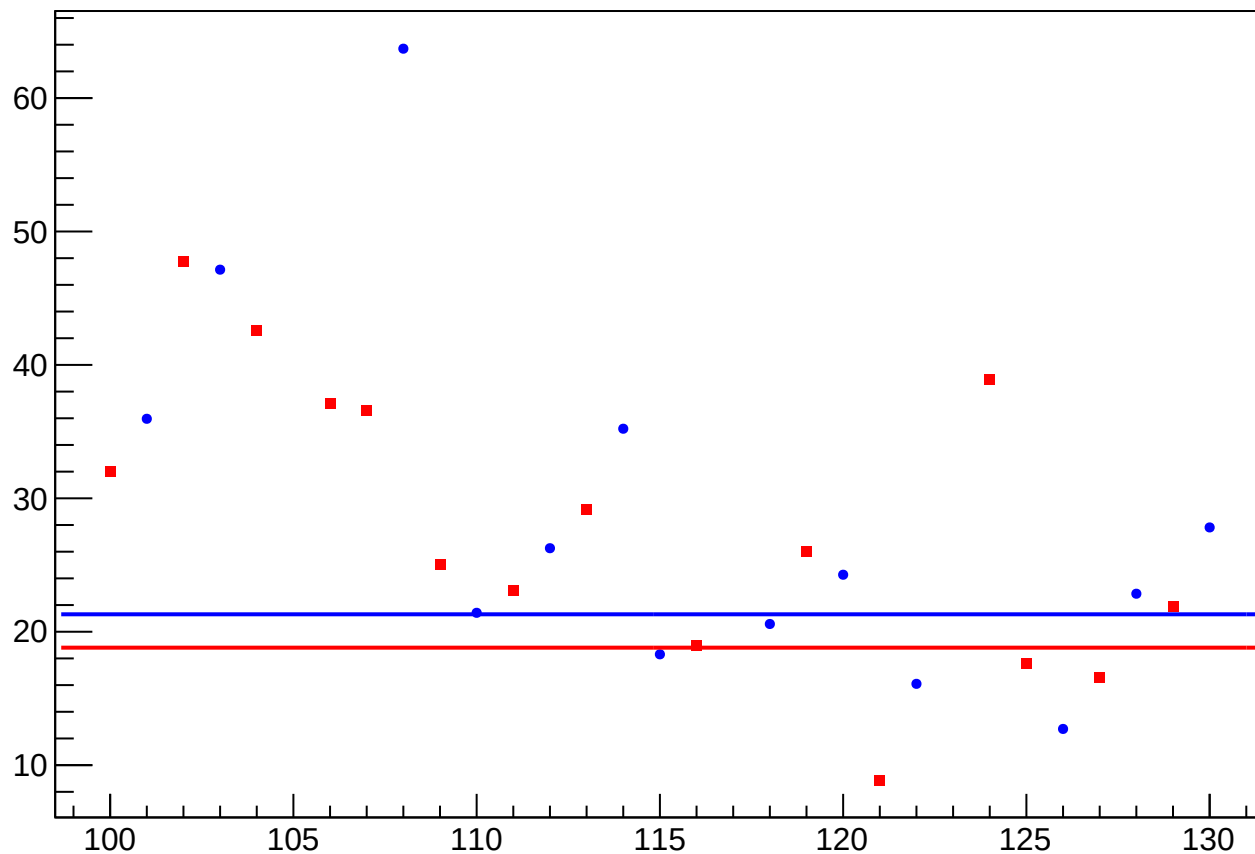
Right: -0.013 ± 0.007 χ^2/NDF : 20.1/27

In: -0.015 ± 0.010 χ^2/NDF : 11.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.013 ± 0.007 χ^2/NDF : 20.1/27

asym_sam_13_57_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.307+/-0.007 χ^2/NDF : 1441692.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.807+/-0.006 χ^2/NDF : 2213707.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

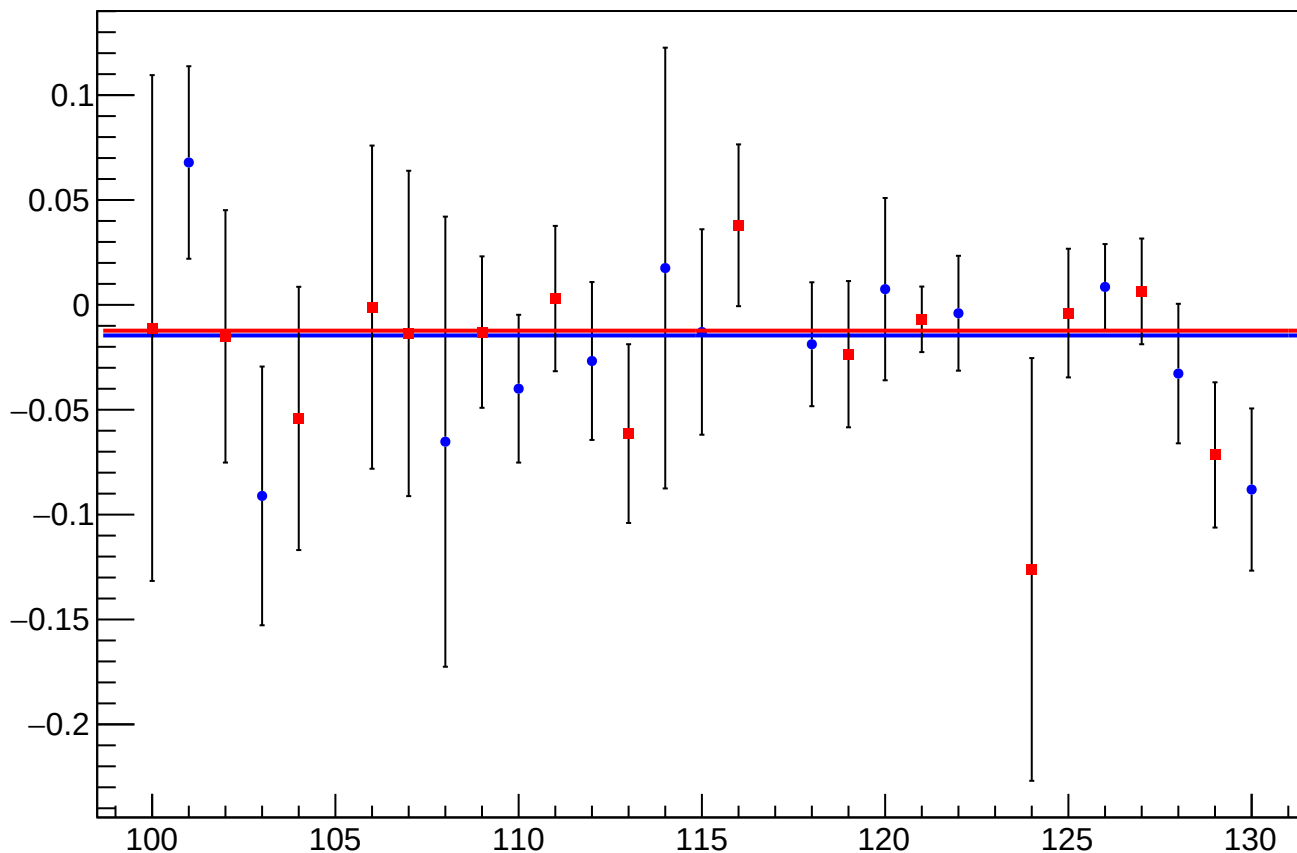
Right: 19.919+/-0.005 χ^2/NDF : 3723557.5/27

In: 21.307+/-0.007 χ^2/NDF : 1441692.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.919+/-0.005 χ^2/NDF : 3723557.5/27

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.010 χ^2/NDF : 11.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-0.009 χ^2/NDF : 8.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

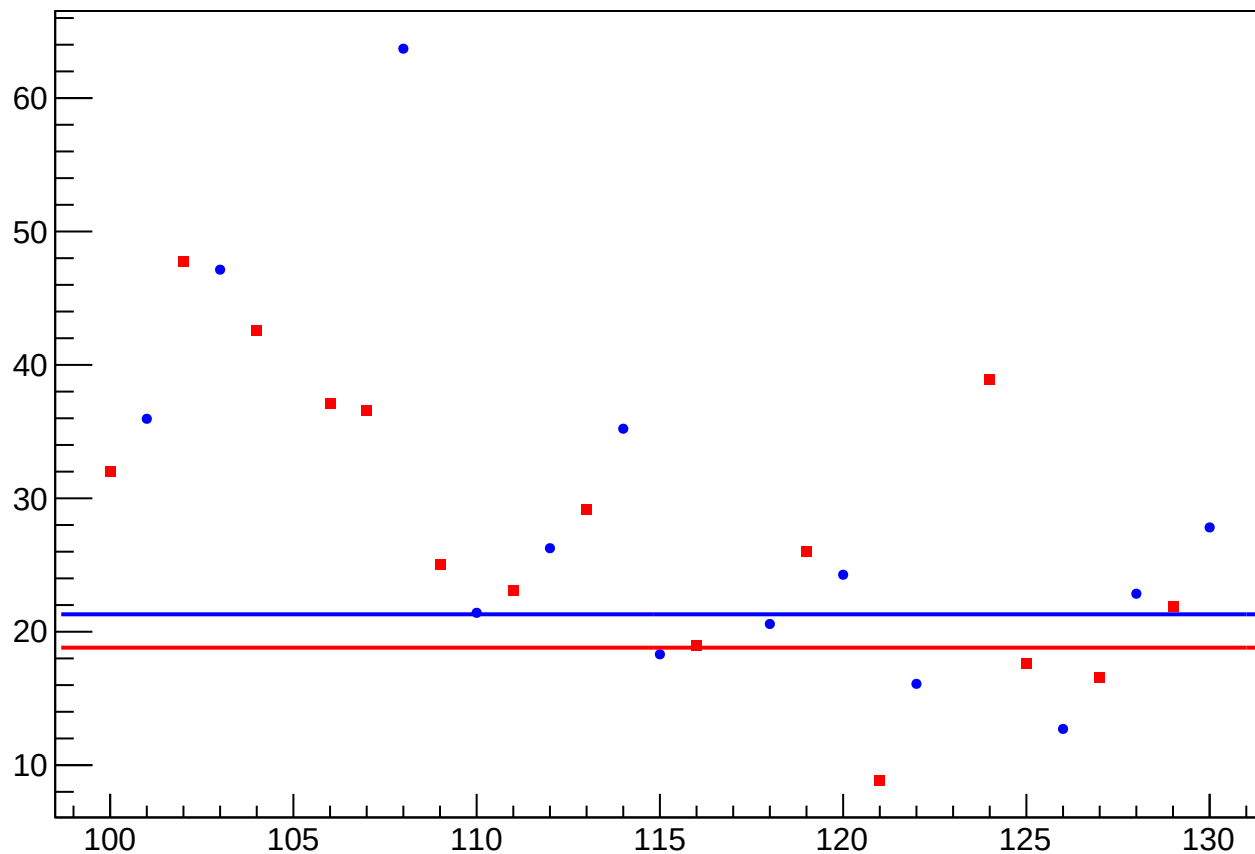
Right: -0.013+/-0.007 χ^2/NDF : 20.1/27

In: -0.015+/-0.010 χ^2/NDF : 11.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.013+/-0.007 χ^2/NDF : 20.1/27

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.307+/-0.007 χ^2/NDF : 1441692.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.807+/-0.006 χ^2/NDF : 2213707.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

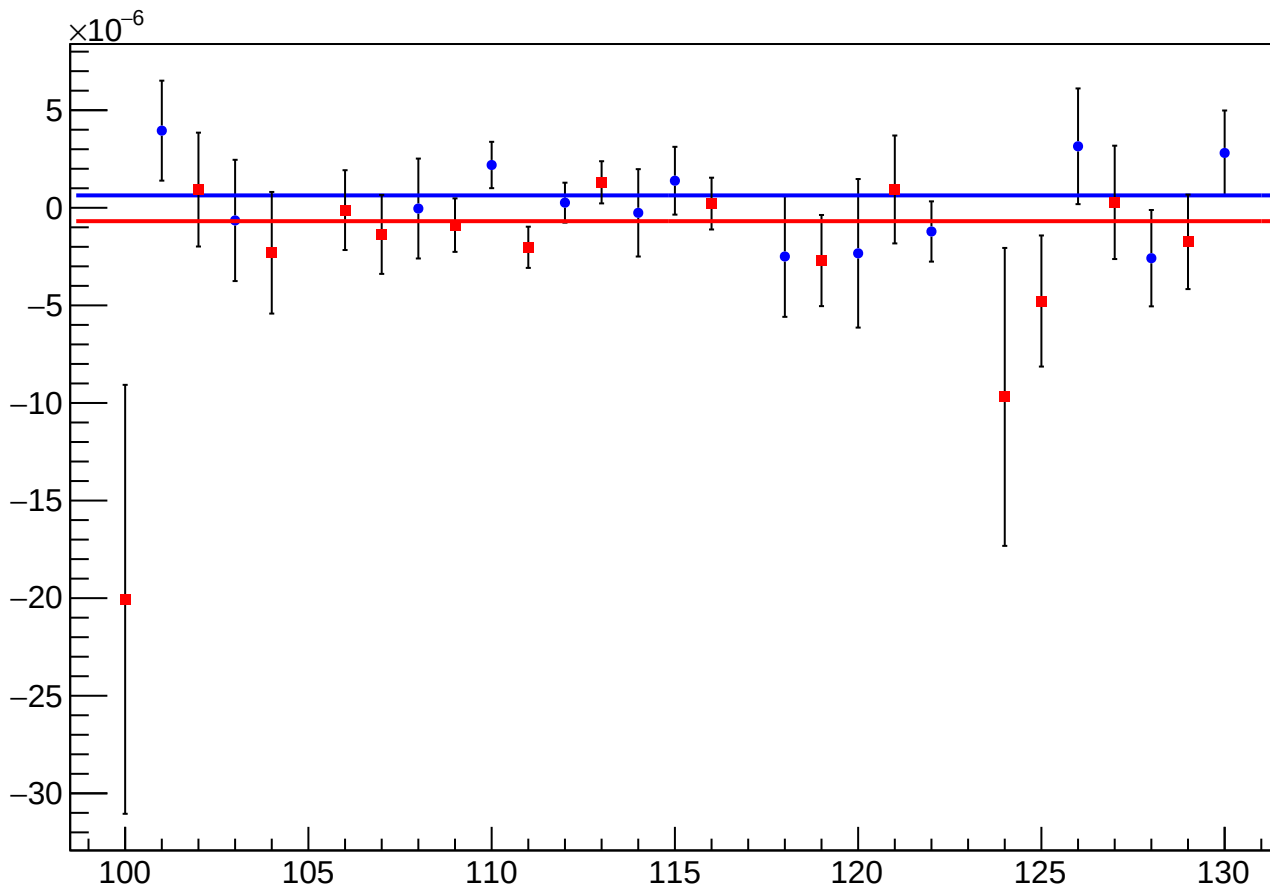
Right: 19.919+/-0.005 χ^2/NDF : 3723557.5/27

In: 21.307+/-0.007 χ^2/NDF : 1441692.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.919+/-0.005 χ^2/NDF : 3723557.5/27

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

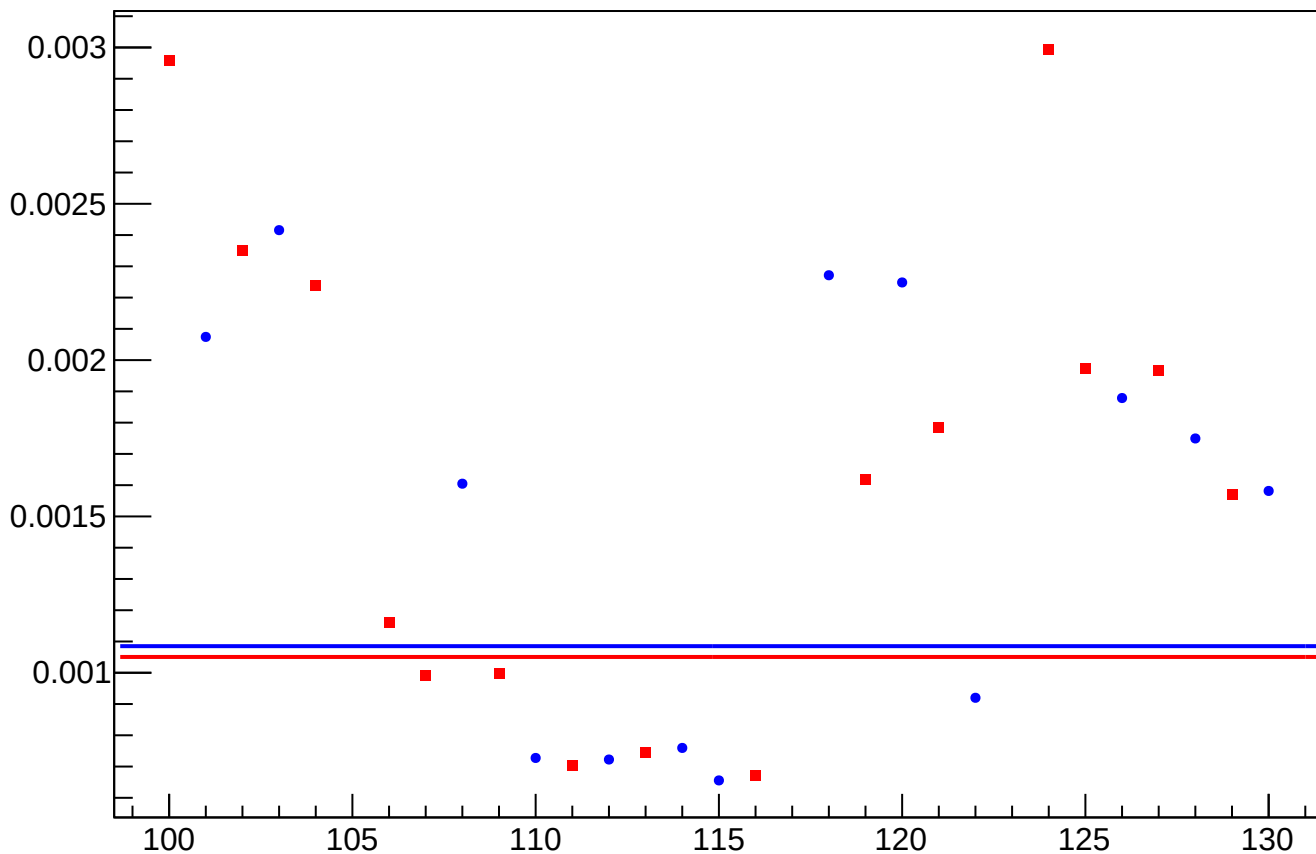
Right: -0.000+/-0.000 χ^2/NDF : 27.7/27

In: 0.000+/-0.000 χ^2/NDF : 10.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.7/27

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2241615.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2125795.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

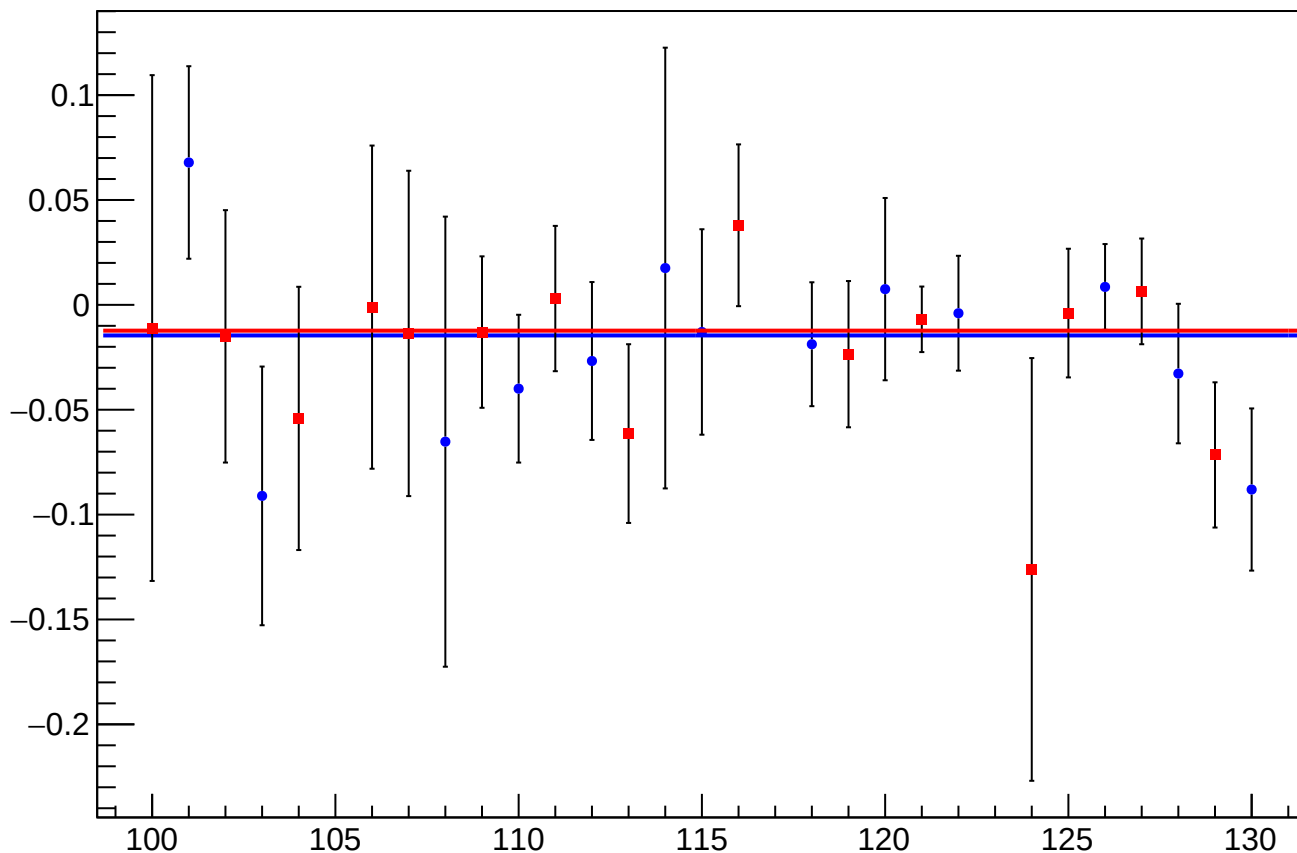
Right: 0.001+/-0.000 χ^2/NDF : 4372131.9/27

In: 0.001+/-0.000 χ^2/NDF :2241615.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4372131.9/27

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015 ± 0.010 χ^2/NDF : 11.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.012 ± 0.009 χ^2/NDF : 8.7/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

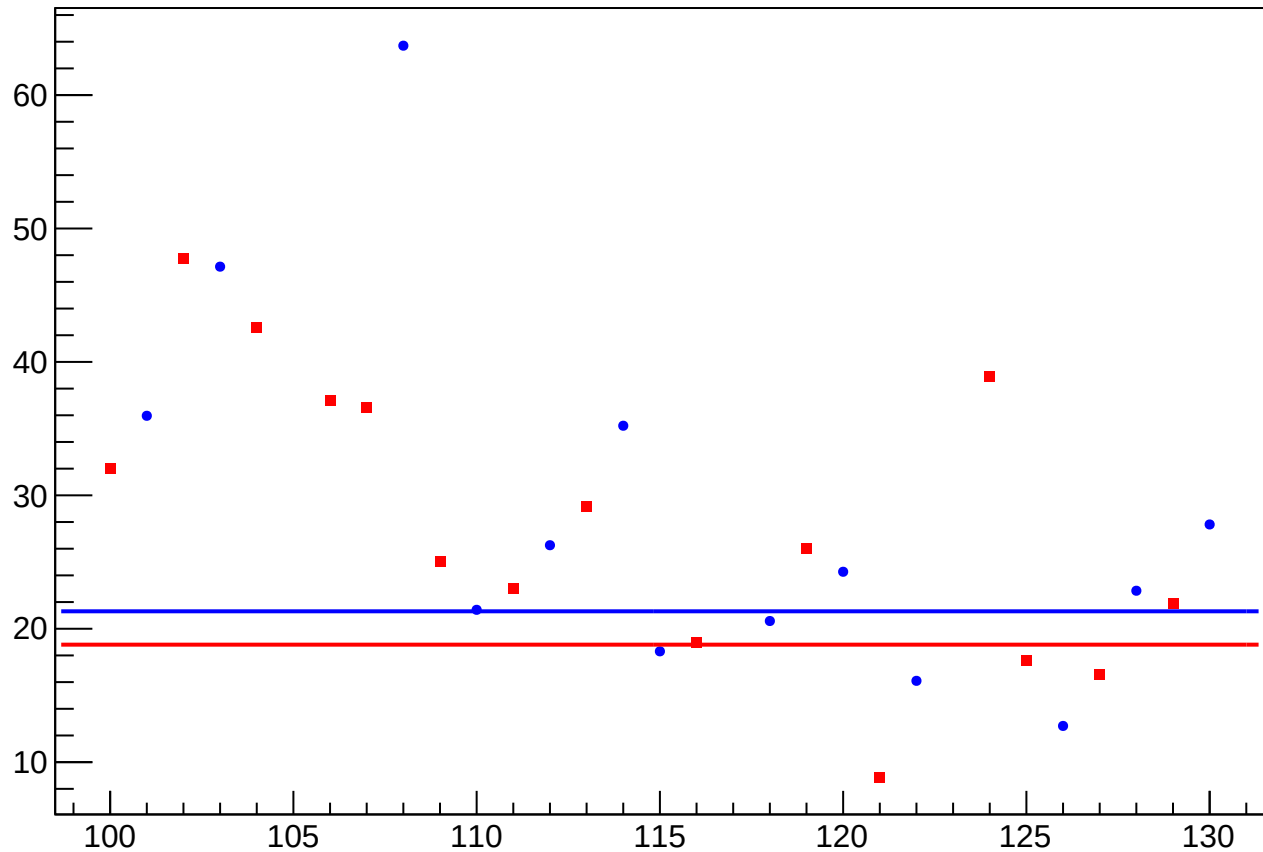
Right: -0.013 ± 0.007 χ^2/NDF : 20.1/27

In: -0.015 ± 0.010 χ^2/NDF : 11.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.013 ± 0.007 χ^2/NDF : 20.1/27

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.308+/-0.007 χ^2/NDF : 1441517.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.807+/-0.006 χ^2/NDF : 2213389.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

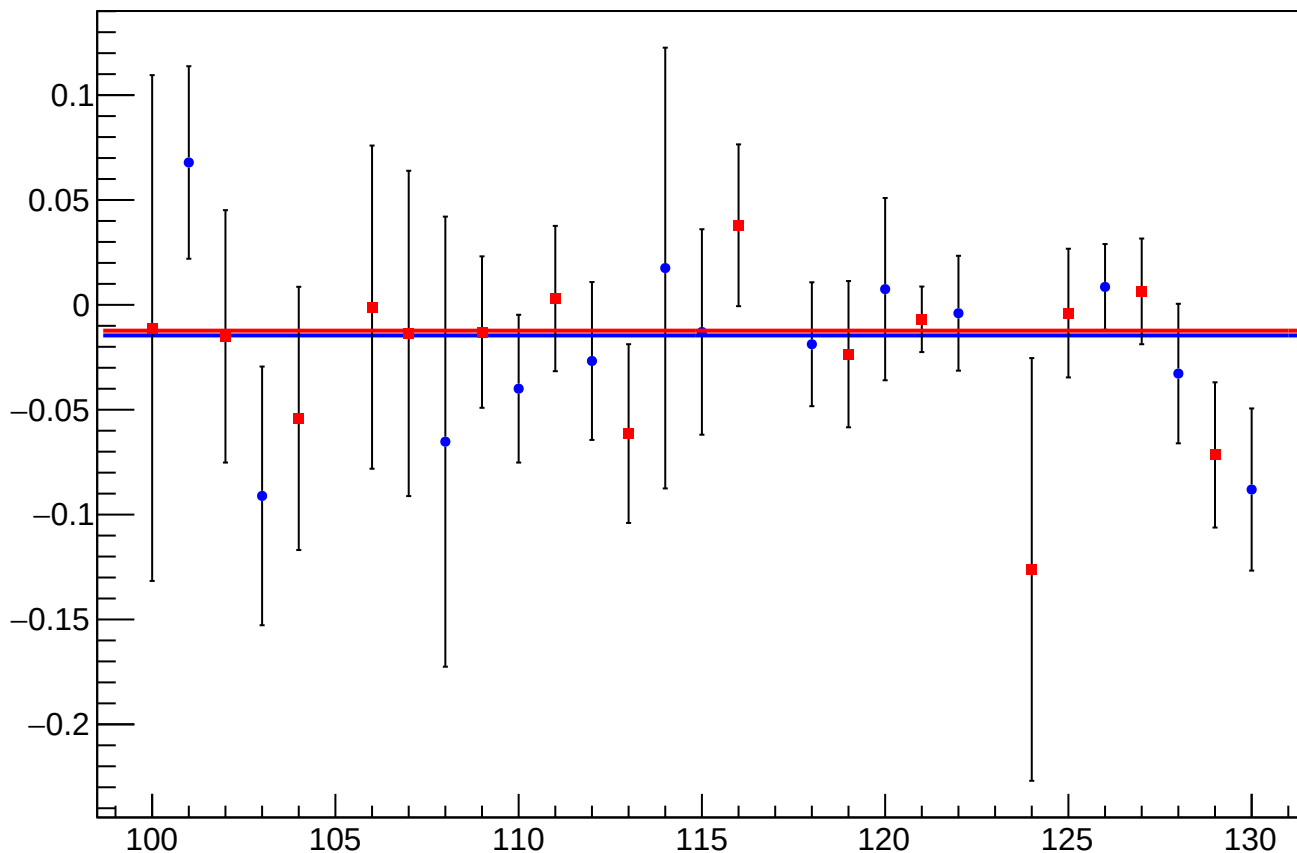
Right: 19.920+/-0.005 χ^2/NDF : 3723045.1/27

In: 21.308+/-0.007 χ^2/NDF : 1441517.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.920+/-0.005 χ^2/NDF : 3723045.1/27

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015 ± 0.010 χ^2/NDF : 11.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.012 ± 0.009 χ^2/NDF : 8.7/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

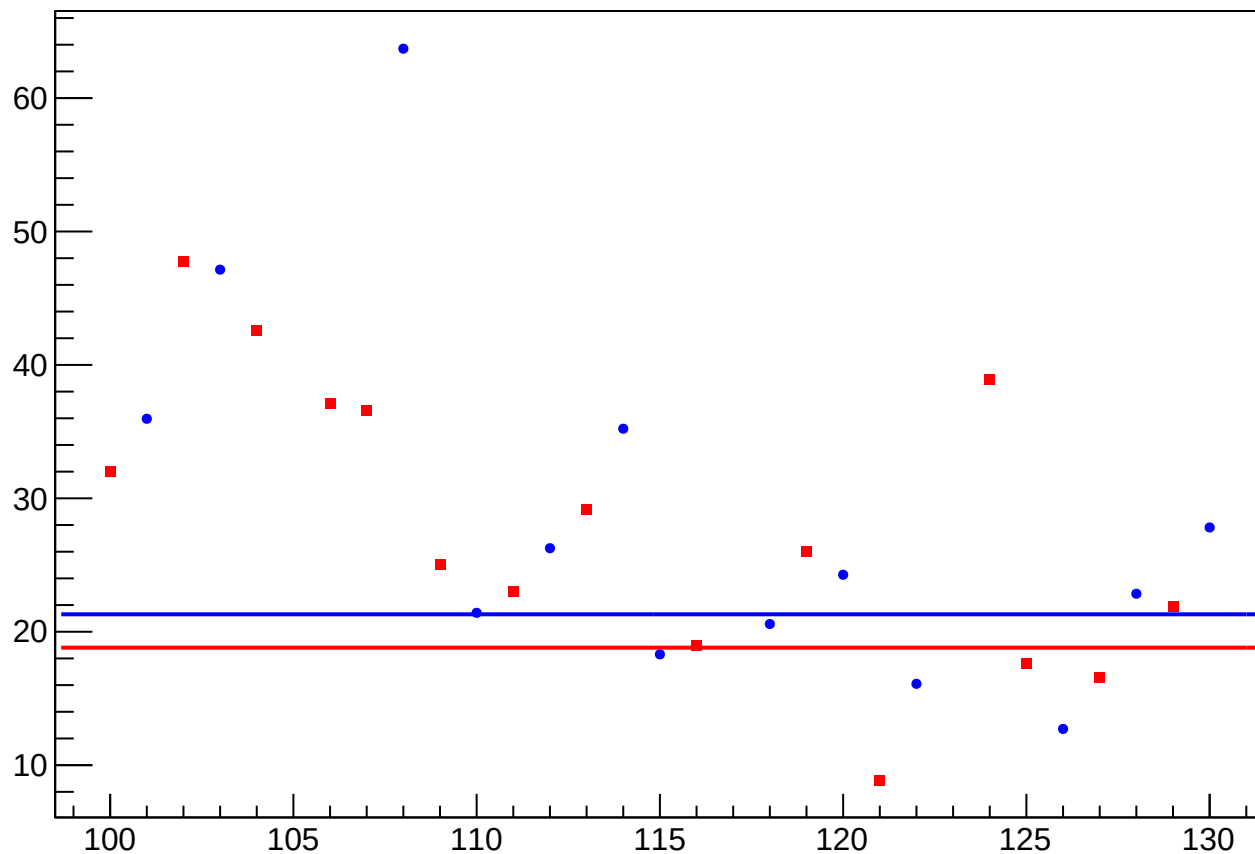
Right: -0.013 ± 0.007 χ^2/NDF : 20.1/27

In: -0.015 ± 0.010 χ^2/NDF : 11.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.013 ± 0.007 χ^2/NDF : 20.1/27

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.308 $\pm$ 0.007 χ^2 /NDF: 1441517.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 18.807 $\pm$ 0.006 χ^2 /NDF: 2213389.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

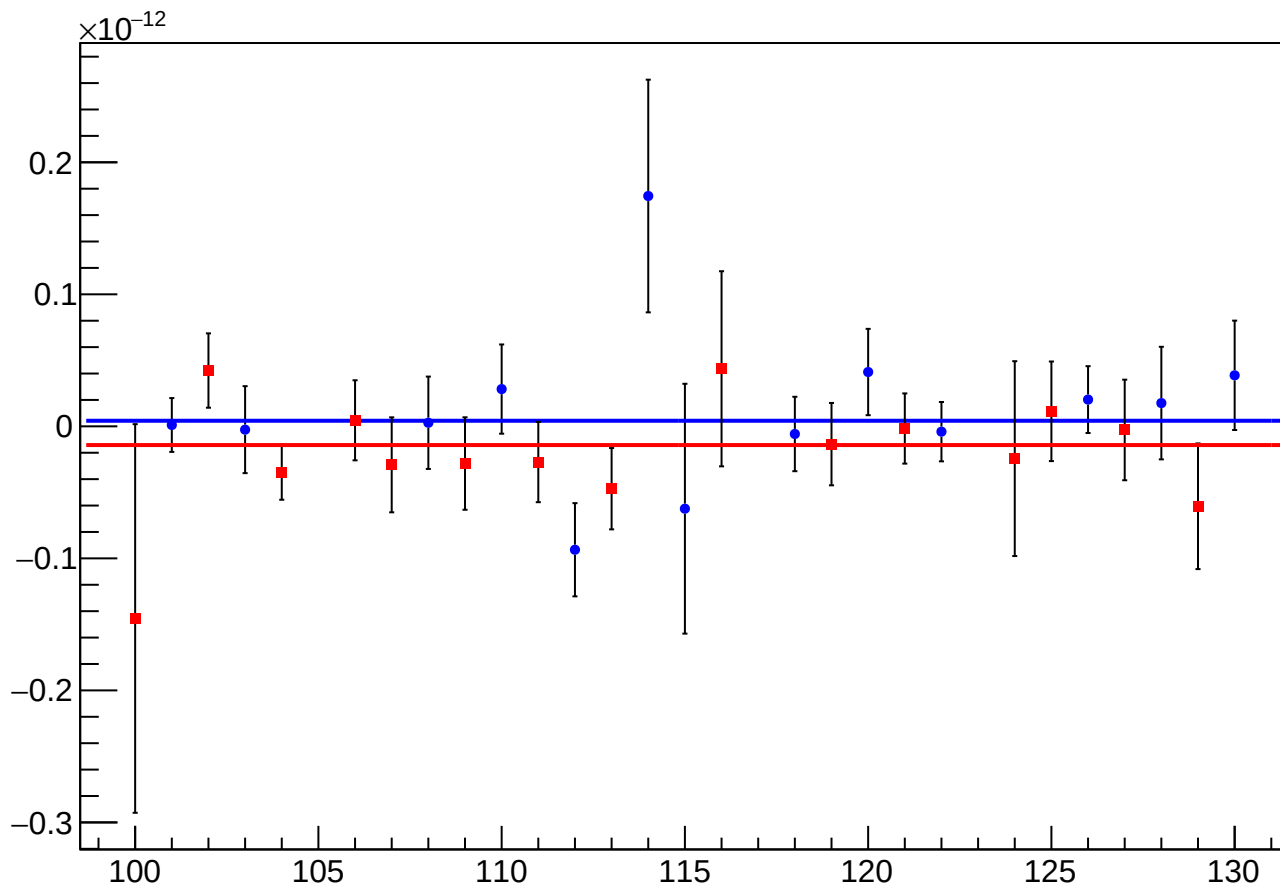
Right: 19.920 $\pm$ 0.005 χ^2 /NDF: 3723045.1/27

In: 21.308 $\pm$ 0.007 χ^2 /NDF:1441517.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 19.920 $\pm$ 0.005 χ^2 /NDF: 3723045.1/27

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

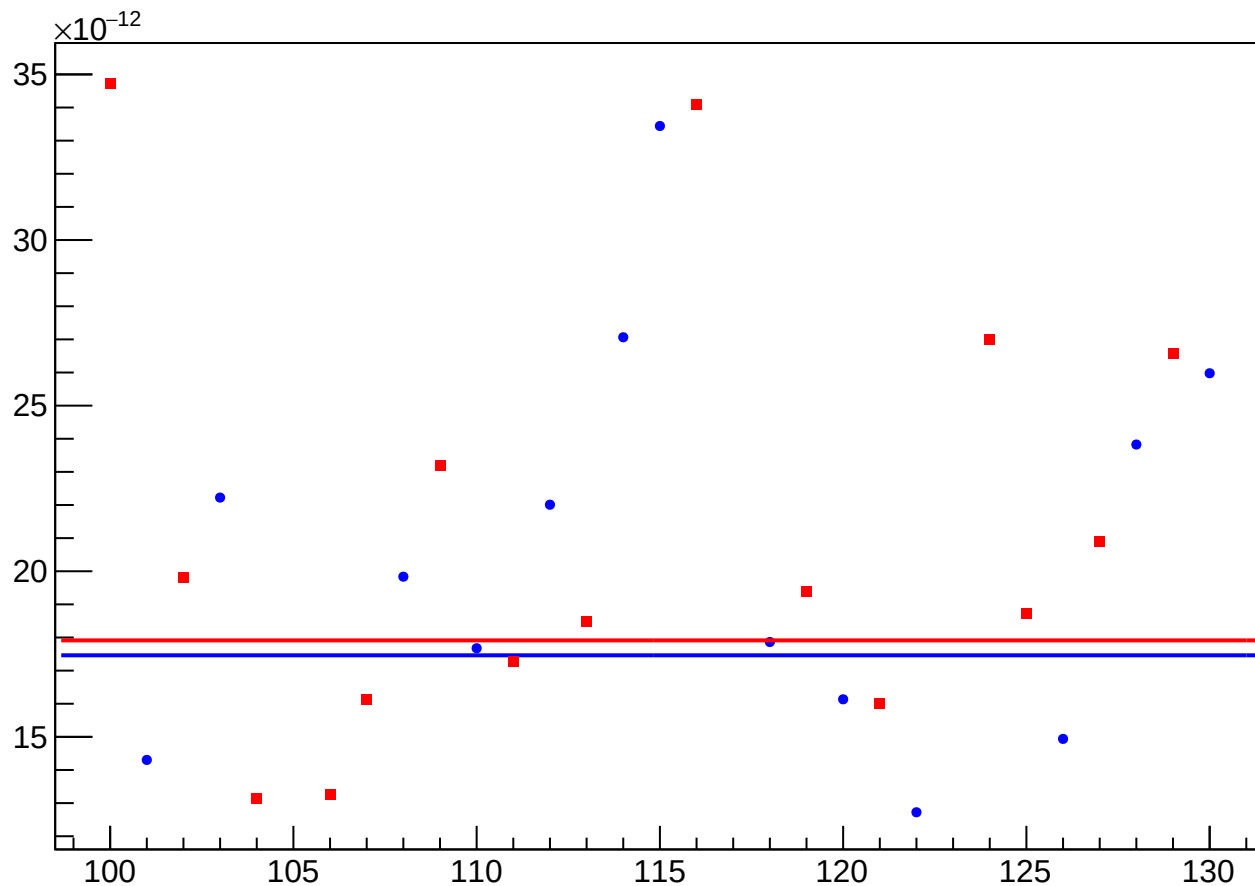
Right: -0.000+/-0.000 χ^2/NDF : 27.5/27

In: 0.000+/-0.000 χ^2/NDF : 15.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.5/27

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 454603.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 457899.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

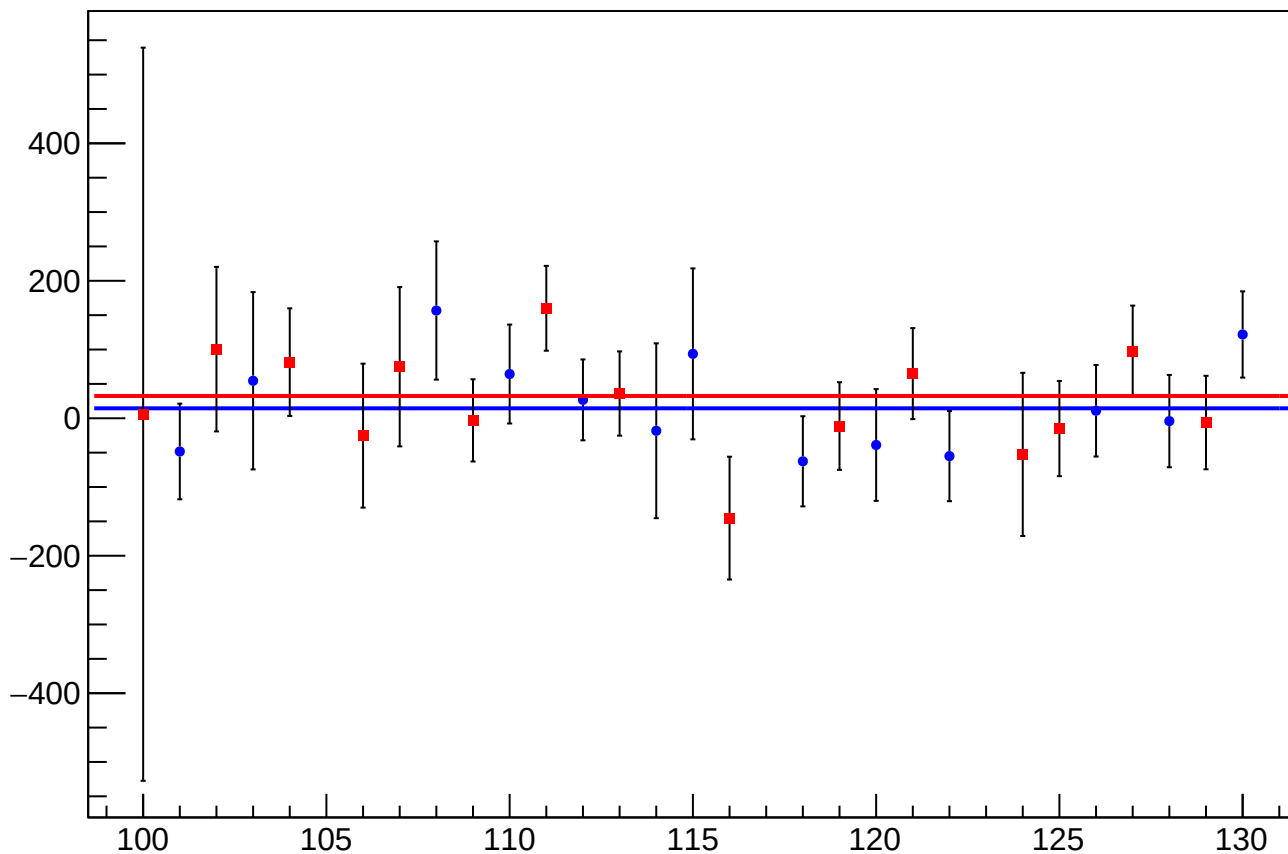
Right: 0.000+/-0.000 χ^2/NDF : 915136.4/27

In: 0.000+/-0.000 χ^2/NDF : 454603.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 915136.4/27

reg_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.483+/-20.890 χ^2/NDF : 9.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.453+/-19.873 χ^2/NDF : 12.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

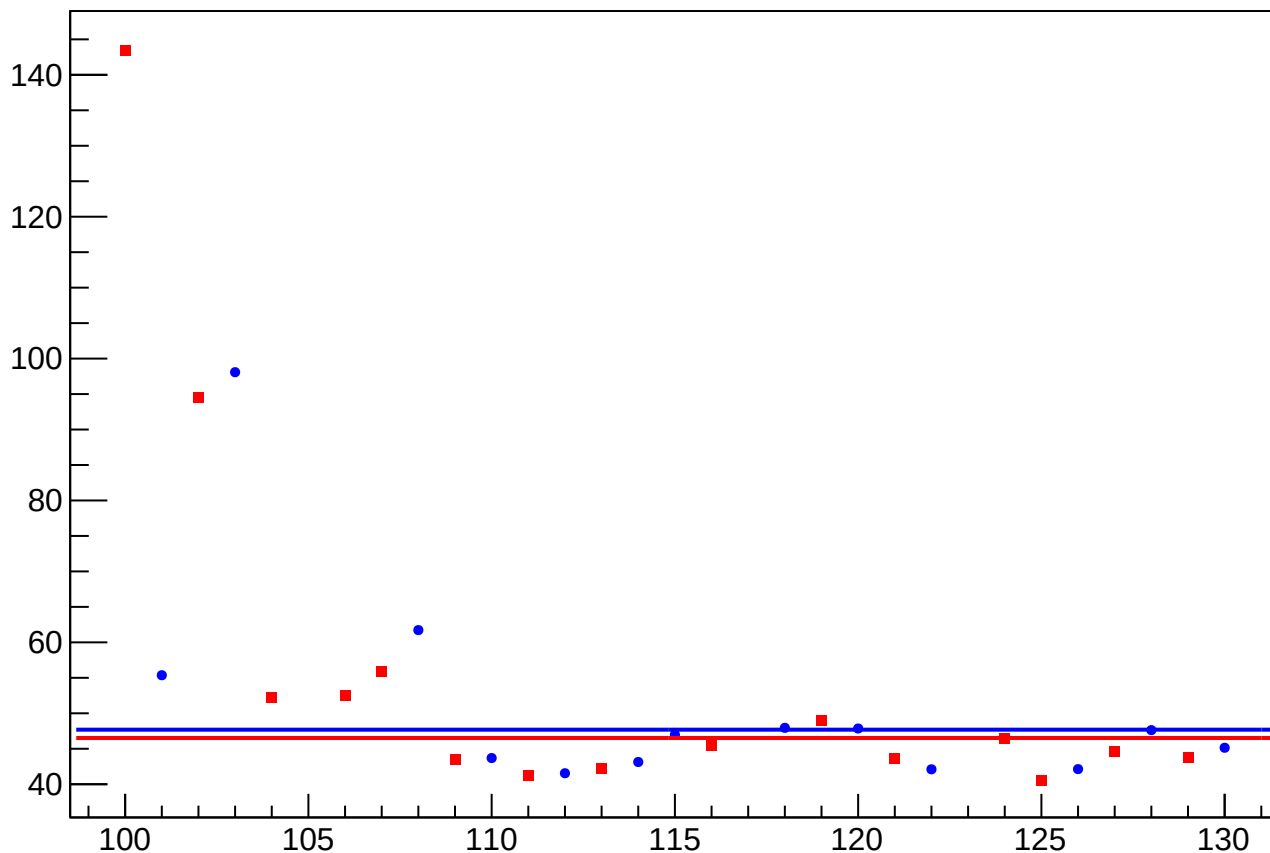
Right: 23.916+/-14.399 χ^2/NDF : 23.0/27

In: 14.483+/-20.890 χ^2/NDF : 9.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.916+/-14.399 χ^2/NDF : 23.0/27

reg_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 47.691+/-0.015 χ^2/NDF : 431013.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.518+/-0.014 χ^2/NDF : 475588.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

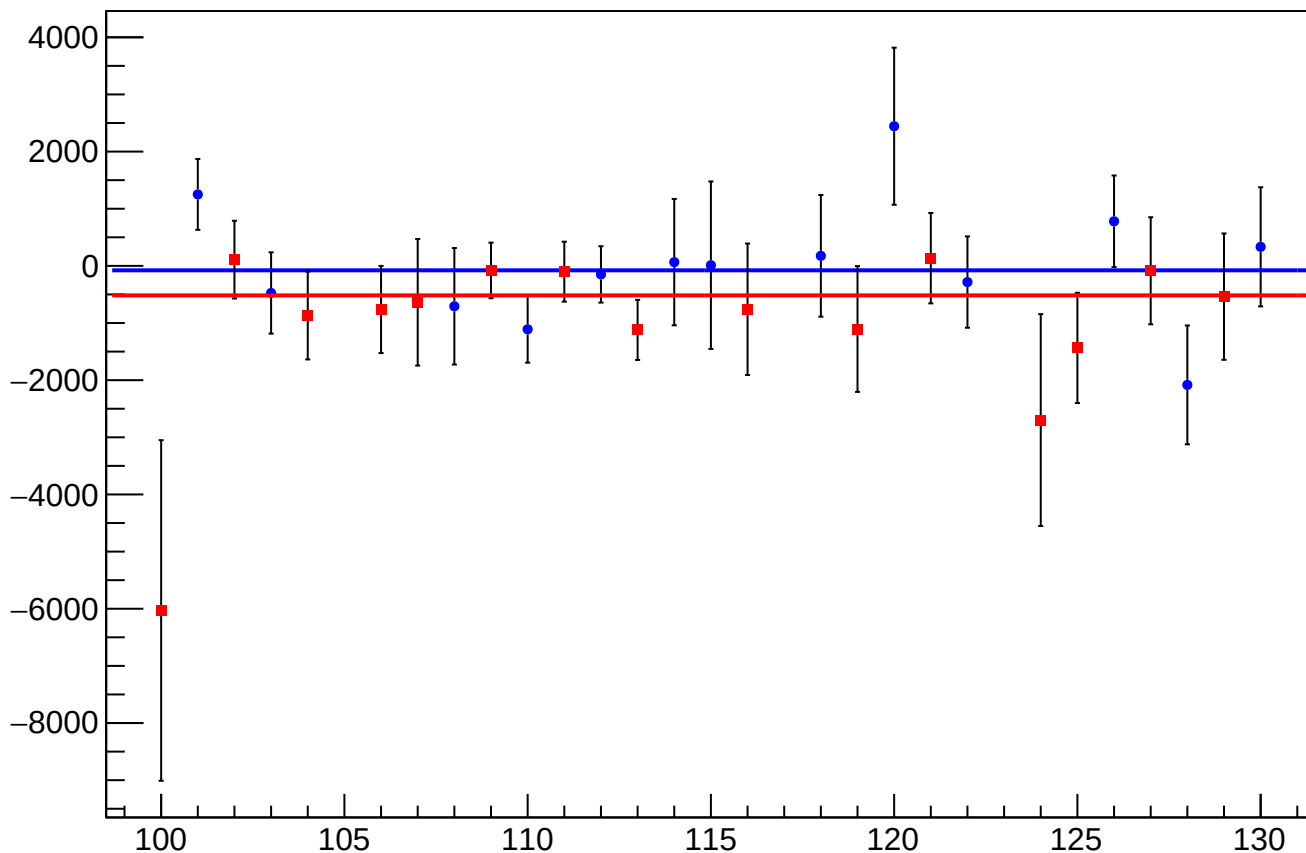
Right: 47.076+/-0.010 χ^2/NDF : 909909.6/27

In: 47.691+/-0.015 χ^2/NDF : 431013.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.076+/-0.010 χ^2/NDF : 909909.6/27

asym_sam_15_37_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -77.732 ± 222.235 $\chi^2/\text{NDF}: 17.0/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -516.262 ± 202.110 $\chi^2/\text{NDF}: 10.9/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

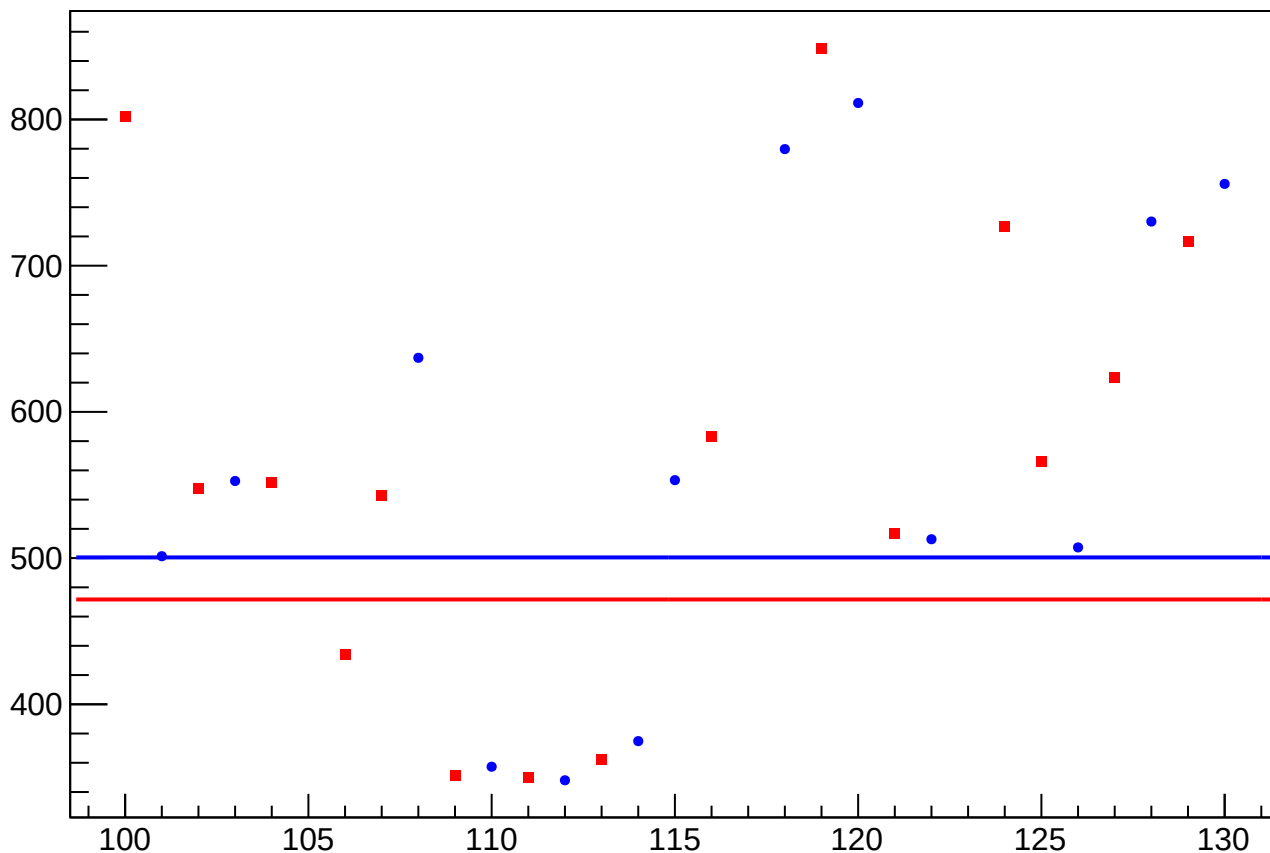
Right: -317.749 ± 149.523 $\chi^2/\text{NDF}: 29.9/27$

In: -77.732 ± 222.235 $\chi^2/\text{NDF}: 17.0/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -317.749 ± 149.523 $\chi^2/\text{NDF}: 29.9/27$

asym_sam_15_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 500.465+/-0.157 χ^2/NDF : 844657.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 471.701+/-0.143 χ^2/NDF : 867678.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

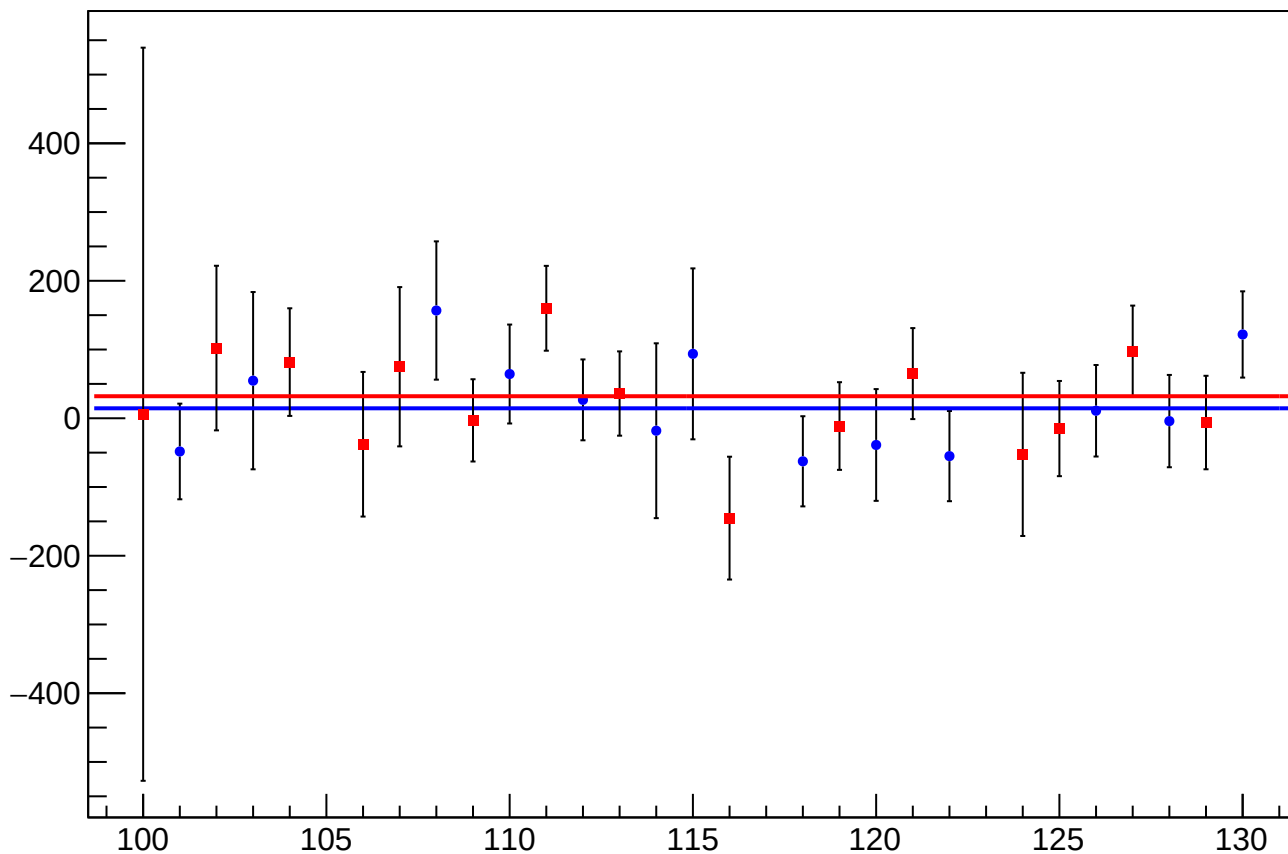
Right: 484.722+/-0.106 χ^2/NDF : 1730673.4/27

In: 500.465+/-0.157 χ^2/NDF :844657.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 484.722+/-0.106 χ^2/NDF : 1730673.4/27

cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.490 $\pm$ 20.890 χ^2 /NDF: 9.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 32.069 $\pm$ 19.877 χ^2 /NDF: 12.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

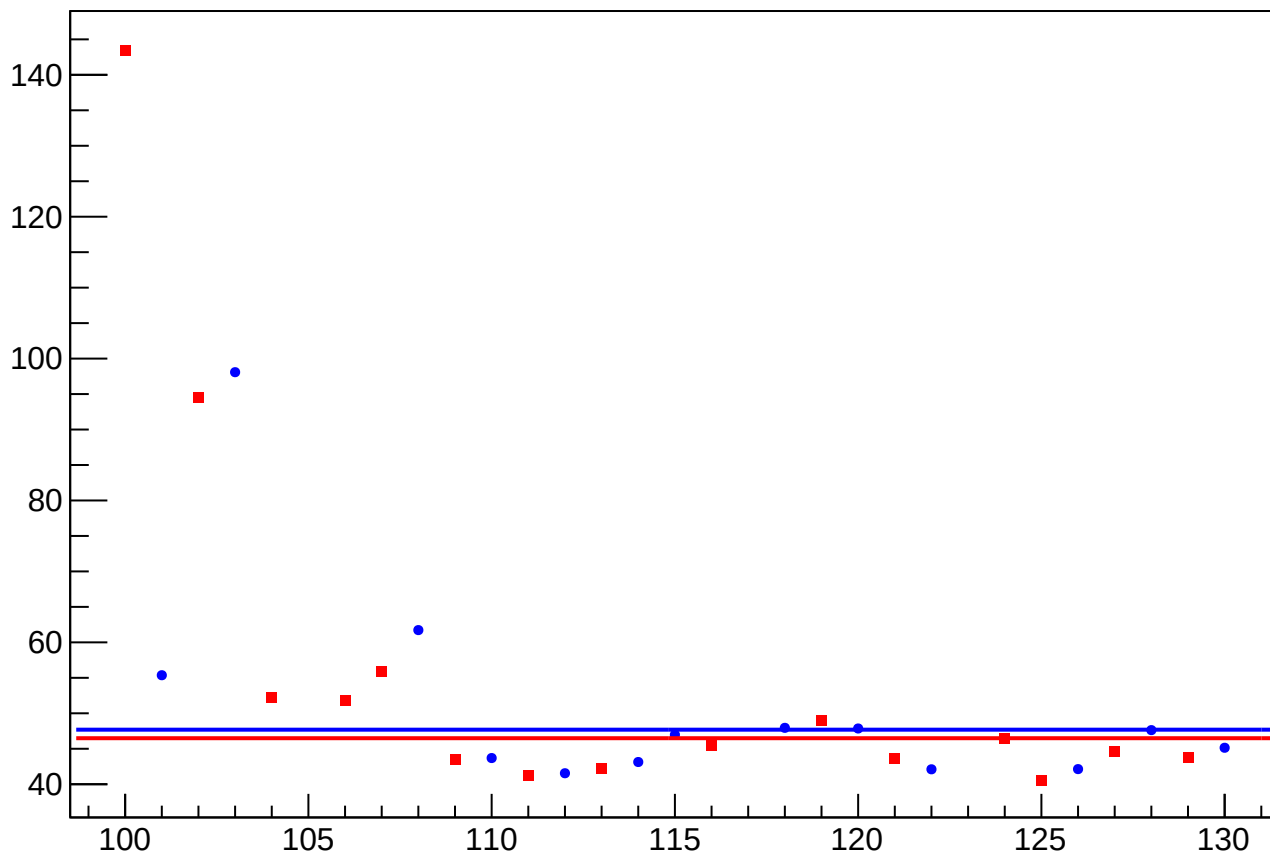
Right: 23.716 $\pm$ 14.400 χ^2 /NDF: 23.1/27

In: 14.490 $\pm$ 20.890 χ^2 /NDF: 9.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.716 $\pm$ 14.400 χ^2 /NDF: 23.1/27

cor_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 47.691+/-0.015 χ^2/NDF : 431016.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.487+/-0.014 χ^2/NDF : 474113.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

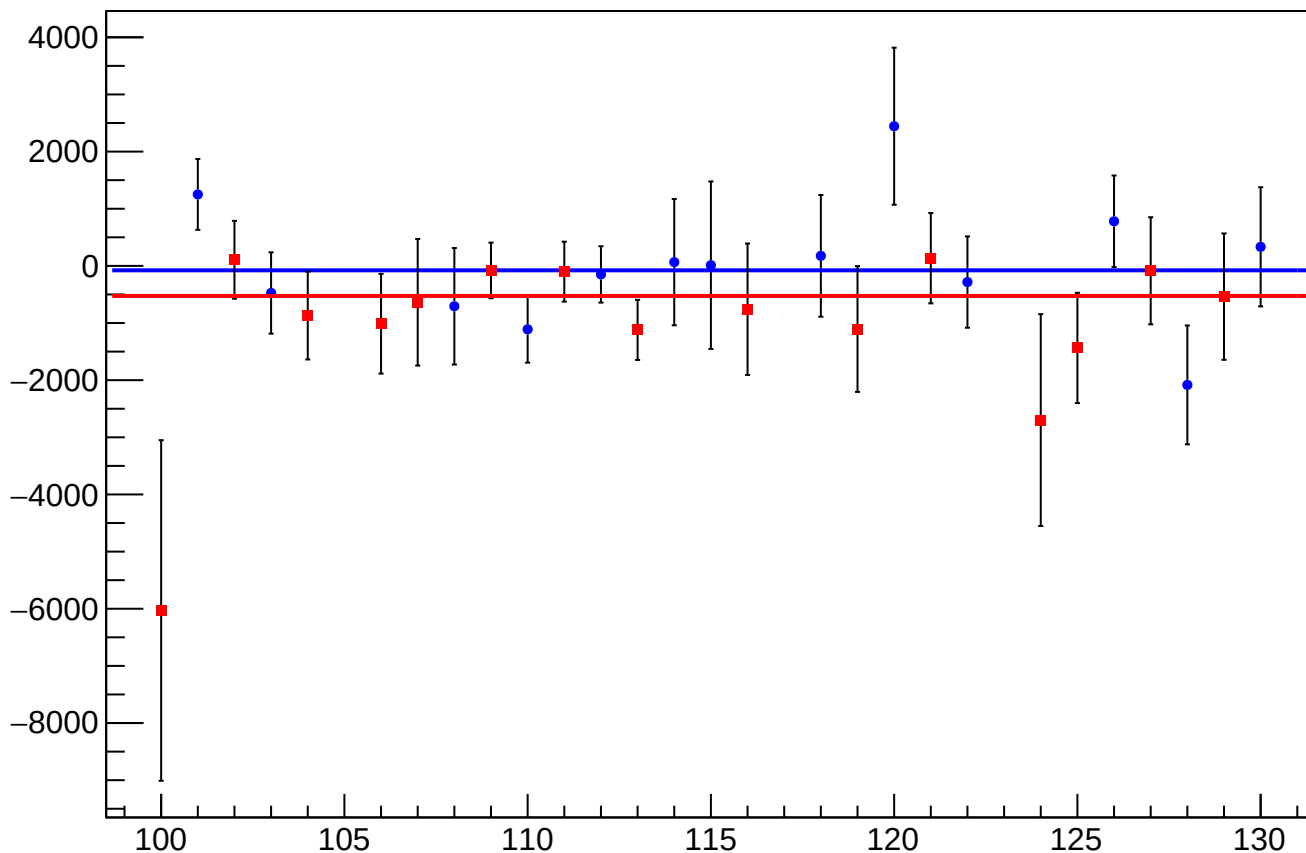
Right: 47.059+/-0.010 χ^2/NDF : 908614.5/27

In: 47.691+/-0.015 χ^2/NDF : 431016.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.059+/-0.010 χ^2/NDF : 908614.5/27

asym_sam_15_37_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -77.732 ± 222.237 $\chi^2/\text{NDF}: 17.0/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -526.043 ± 203.823 $\chi^2/\text{NDF}: 11.1/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

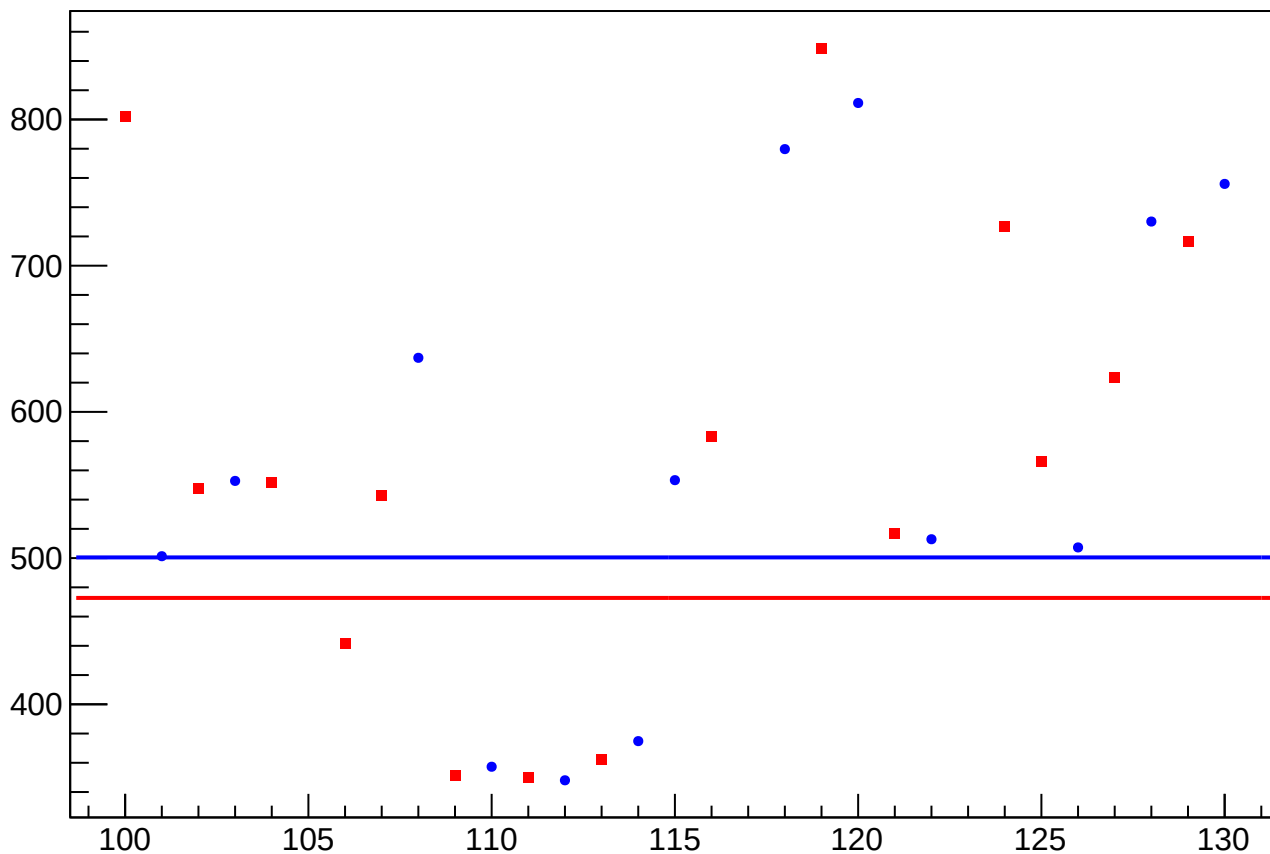
Right: -321.228 ± 150.213 $\chi^2/\text{NDF}: 30.2/27$

In: -77.732 ± 222.237 $\chi^2/\text{NDF}: 17.0/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -321.228 ± 150.213 $\chi^2/\text{NDF}: 30.2/27$

asym_sam_15_37_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 500.469+/-0.157 χ^2/NDF : 844680.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 472.759+/-0.144 χ^2/NDF : 865404.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

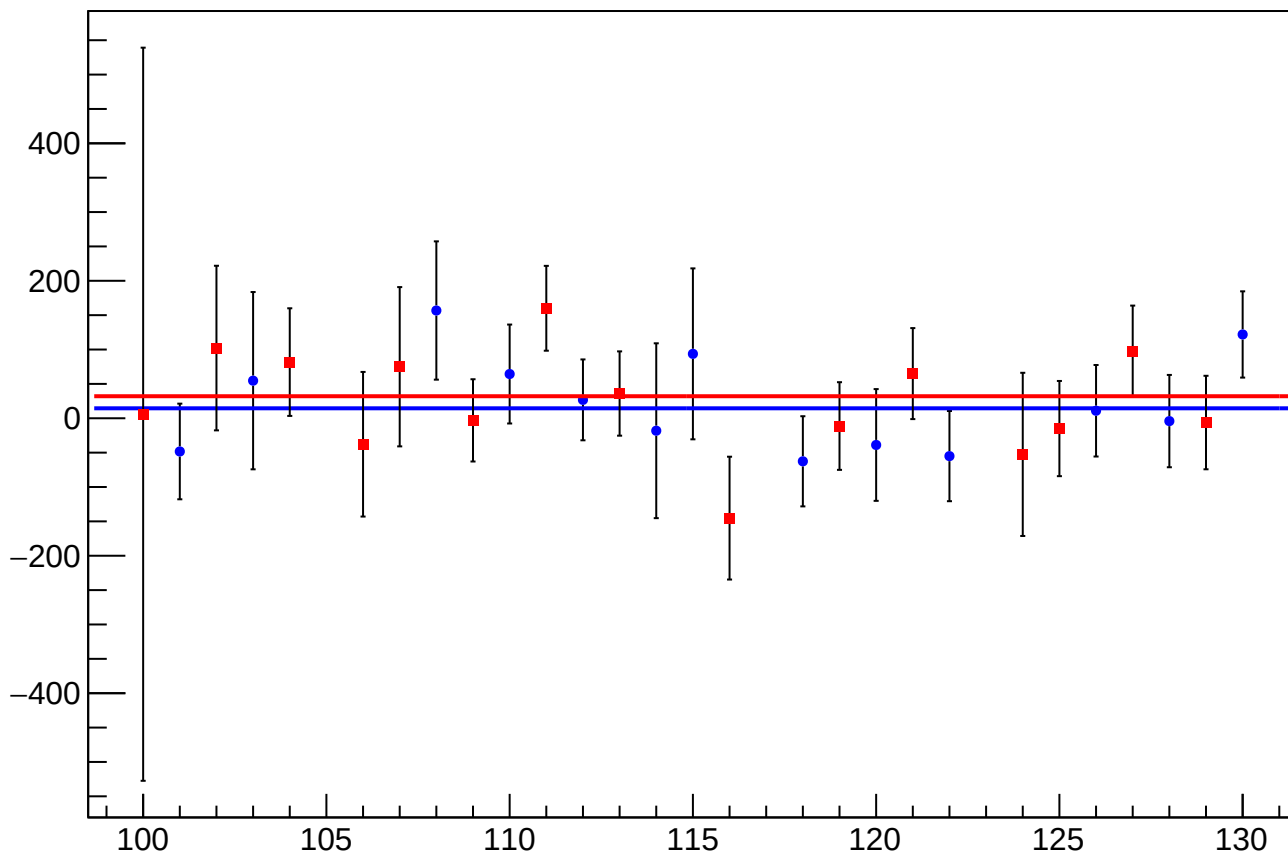
Right: 485.419+/-0.106 χ^2/NDF : 1726972.8/27

In: 500.469+/-0.157 χ^2/NDF : 844680.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 485.419+/-0.106 χ^2/NDF : 1726972.8/27

eigen_cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.490+/-20.890 χ^2/NDF : 9.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.069+/-19.877 χ^2/NDF : 12.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

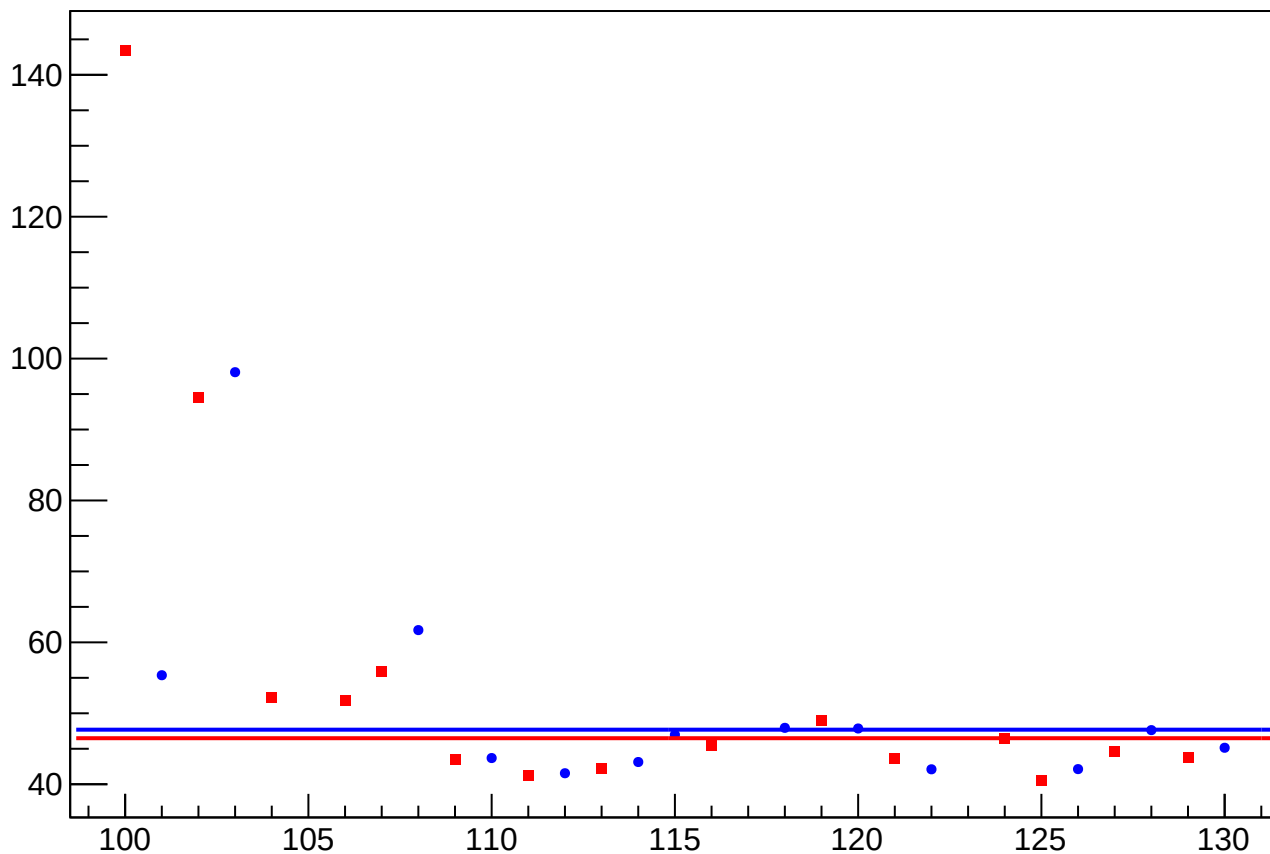
Right: 23.716+/-14.400 χ^2/NDF : 23.1/27

In: 14.490+/-20.890 χ^2/NDF : 9.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.716+/-14.400 χ^2/NDF : 23.1/27

eigen_cor_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 47.691+/-0.015 χ^2/NDF : 431016.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.487+/-0.014 χ^2/NDF : 474113.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

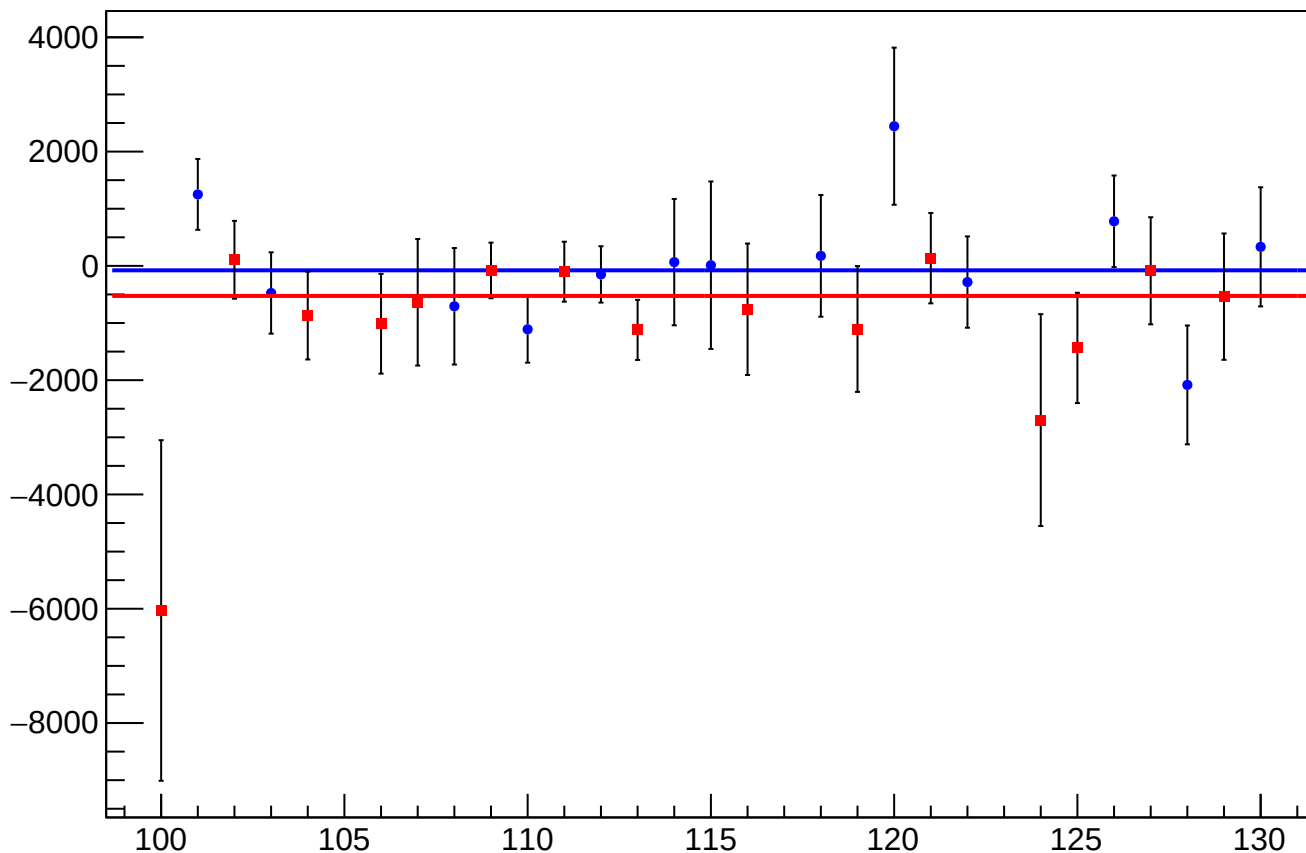
Right: 47.059+/-0.010 χ^2/NDF : 908614.5/27

In: 47.691+/-0.015 χ^2/NDF : 431016.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.059+/-0.010 χ^2/NDF : 908614.5/27

asym_sam_15_37_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -77.732 ± 222.237 $\chi^2/\text{NDF}: 17.0/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -526.043 ± 203.823 $\chi^2/\text{NDF}: 11.1/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

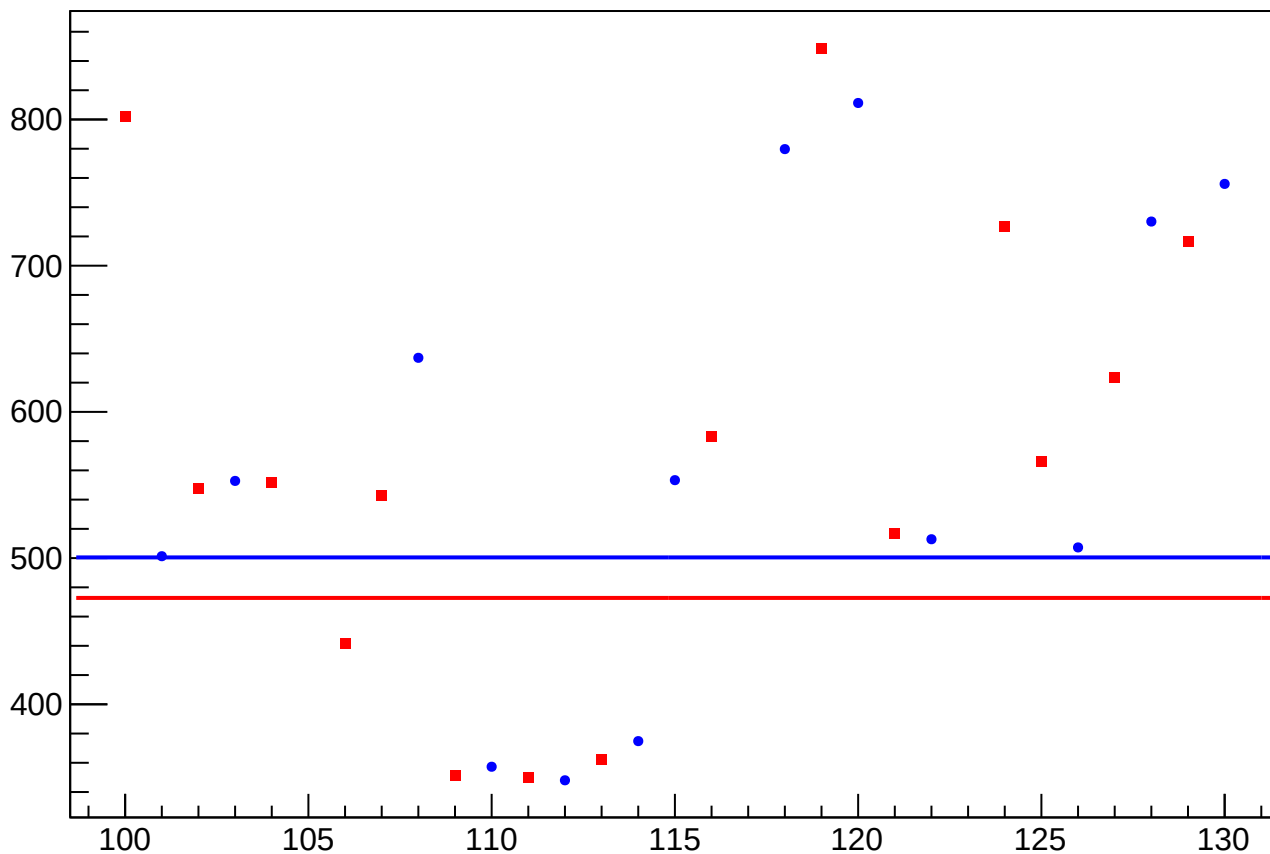
Right: -321.228 ± 150.213 $\chi^2/\text{NDF}: 30.2/27$

In: -77.732 ± 222.237 $\chi^2/\text{NDF}: 17.0/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -321.228 ± 150.213 $\chi^2/\text{NDF}: 30.2/27$

asym_sam_15_37_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 500.469+/-0.157 χ^2/NDF : 844680.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 472.759+/-0.144 χ^2/NDF : 865404.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

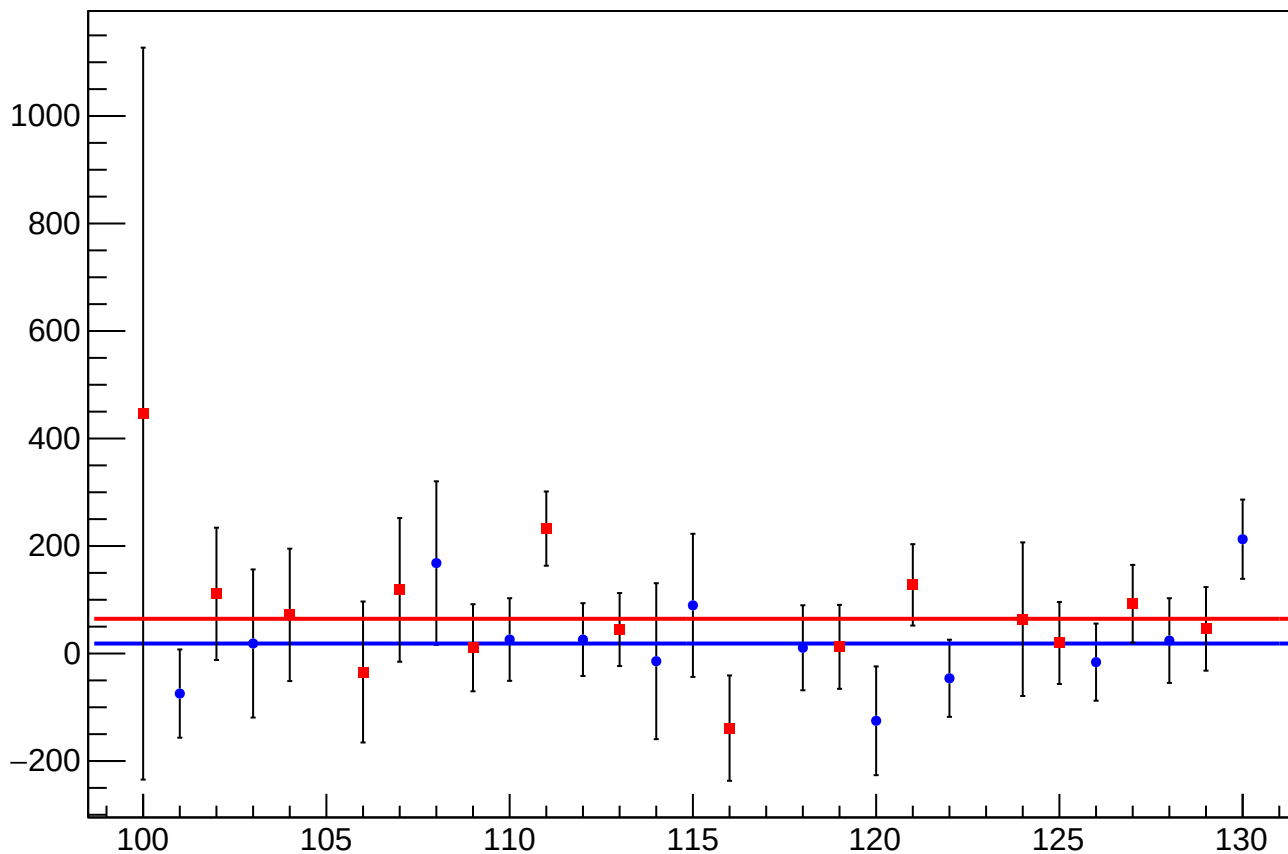
Right: 485.419+/-0.106 χ^2/NDF : 1726972.8/27

In: 500.469+/-0.157 χ^2/NDF : 844680.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 485.419+/-0.106 χ^2/NDF : 1726972.8/27

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 18.573+/-24.065 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.606+/-23.270 χ^2/NDF : 13.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

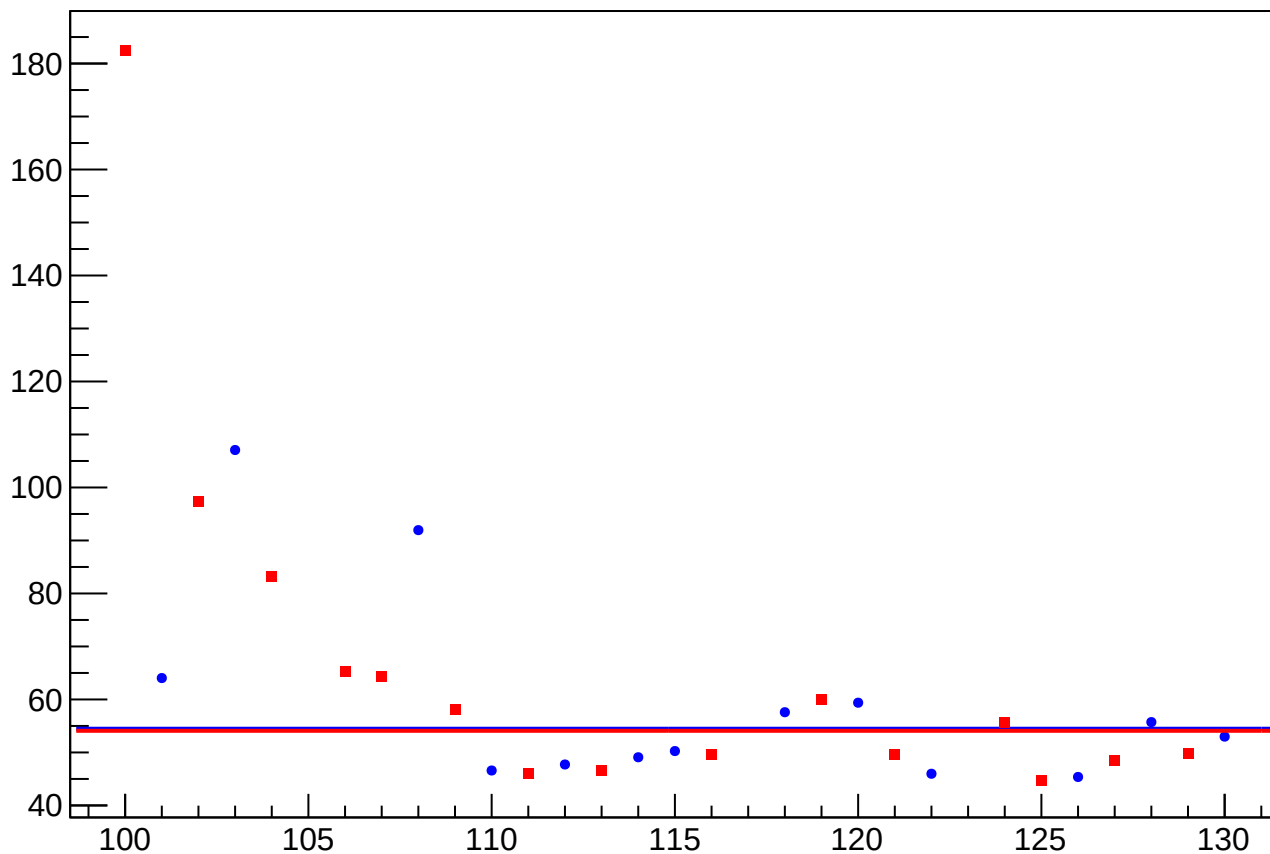
Right: 42.363+/-16.728 χ^2/NDF : 28.1/27

In: 18.573+/-24.065 χ^2/NDF : 12.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.363+/-16.728 χ^2/NDF : 28.1/27

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 54.474+/-0.017 χ^2/NDF : 555049.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.086+/-0.016 χ^2/NDF : 584043.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

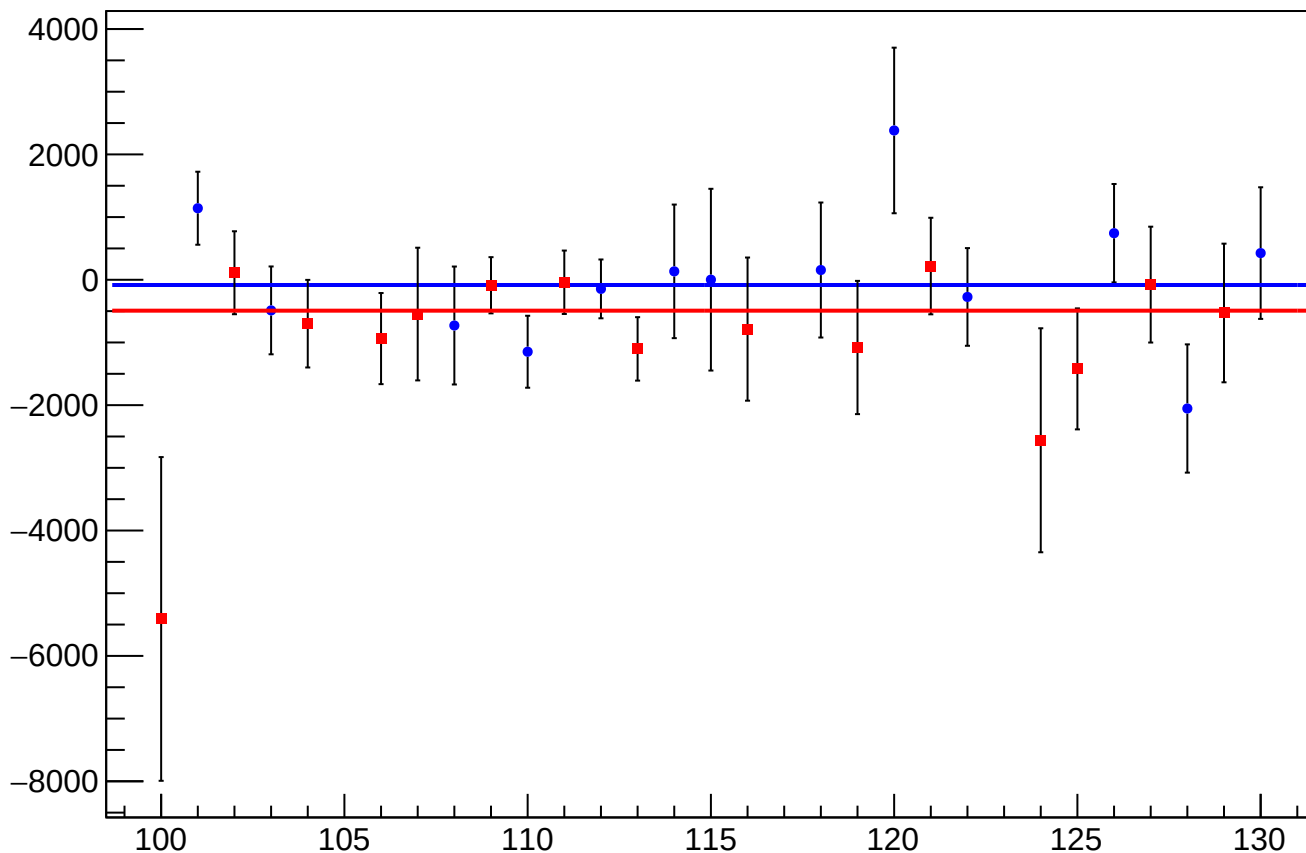
Right: 54.274+/-0.012 χ^2/NDF : 1139362.1/27

In: 54.474+/-0.017 χ^2/NDF : 555049.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.274+/-0.012 χ^2/NDF : 1139362.1/27

asym_sam_15_37_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -83.199 ± 215.059 χ^2/NDF : 17.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -492.730 ± 193.267 χ^2/NDF : 11.7/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

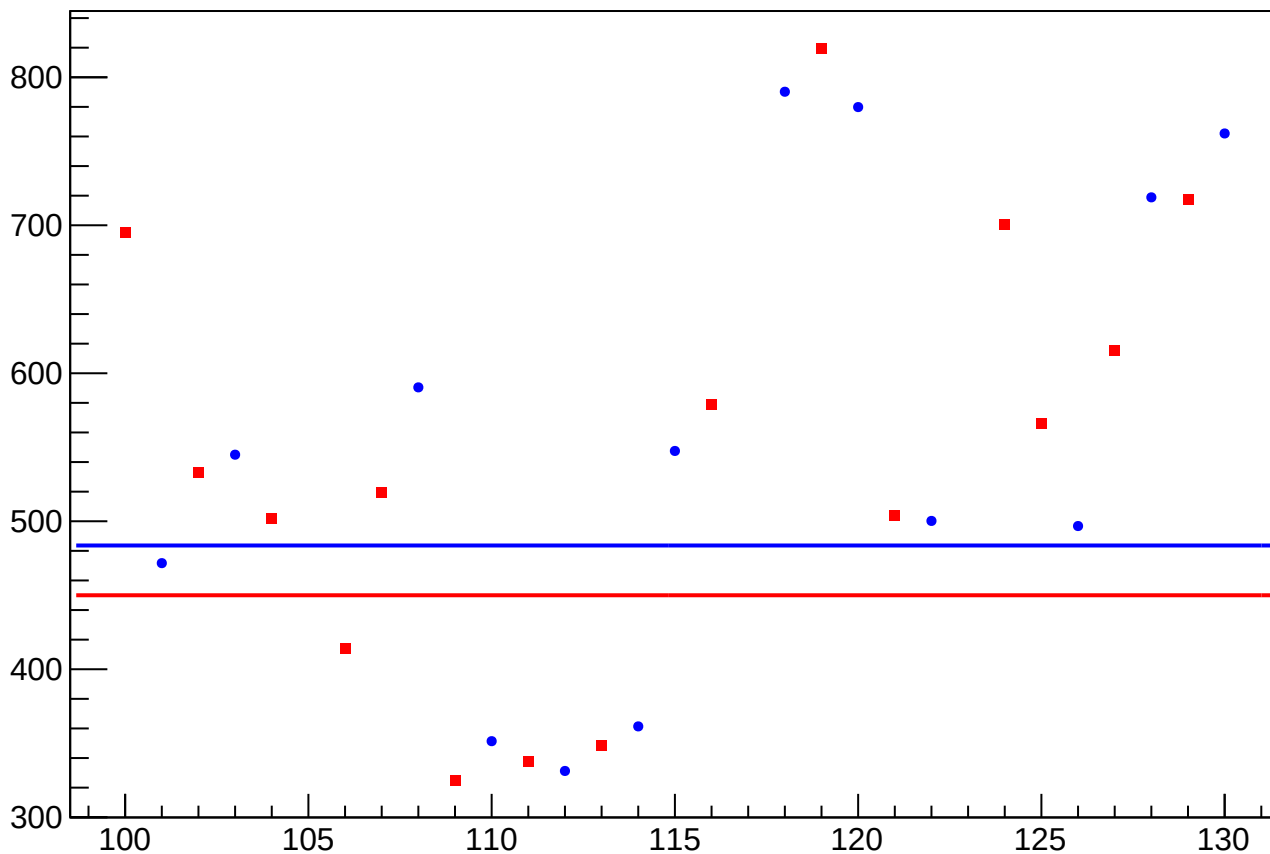
Right: -309.759 ± 143.749 χ^2/NDF : 31.1/27

In: -83.199 ± 215.059 χ^2/NDF : 17.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -309.759 ± 143.749 χ^2/NDF : 31.1/27

asym_sam_15_37_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 483.627+/-0.152 χ^2/NDF : 899914.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 449.992+/-0.137 χ^2/NDF : 934268.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

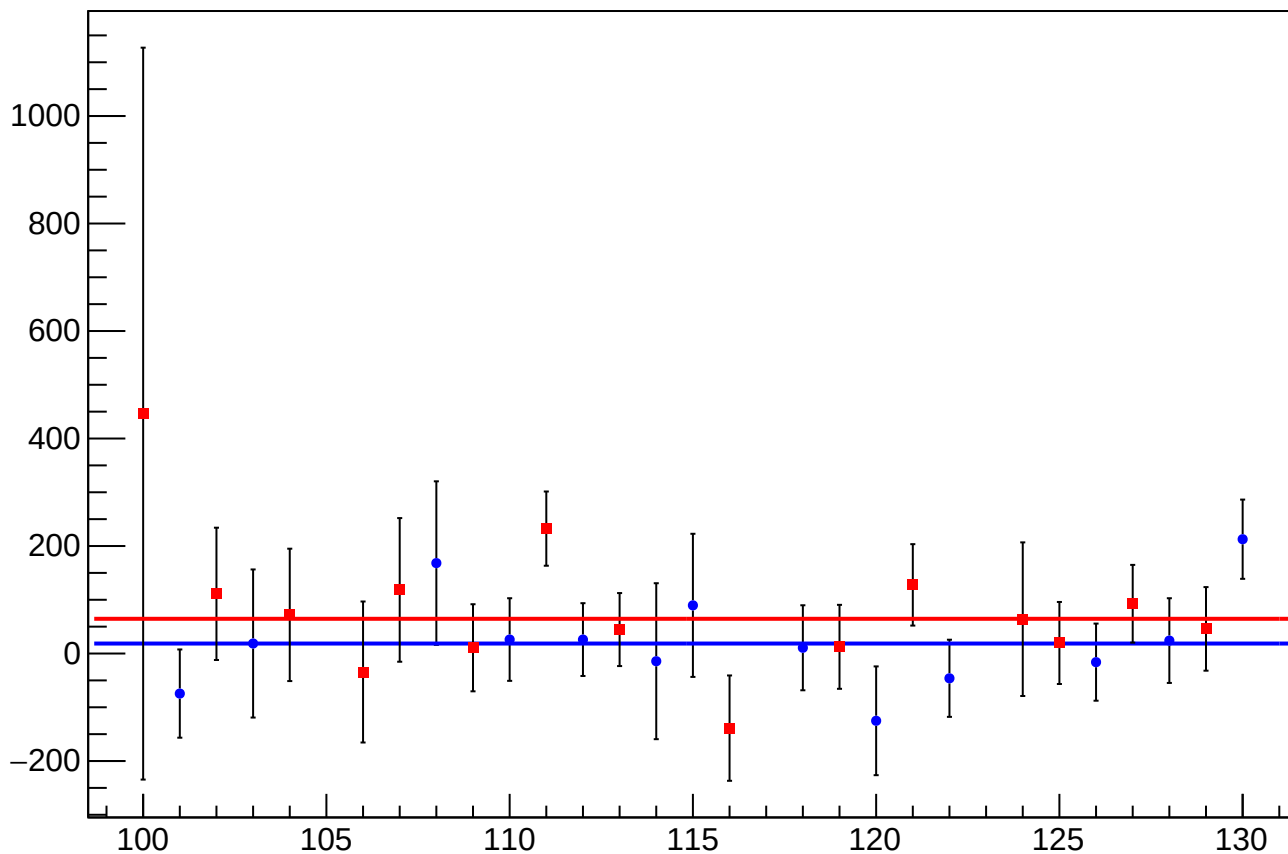
Right: 465.019+/-0.102 χ^2/NDF : 1861247.2/27

In: 483.627+/-0.152 χ^2/NDF : 899914.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 465.019+/-0.102 χ^2/NDF : 1861247.2/27

eigen_dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 18.574 $\pm$ 24.065 χ^2 /NDF: 12.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 64.608 $\pm$ 23.270 χ^2 /NDF: 13.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

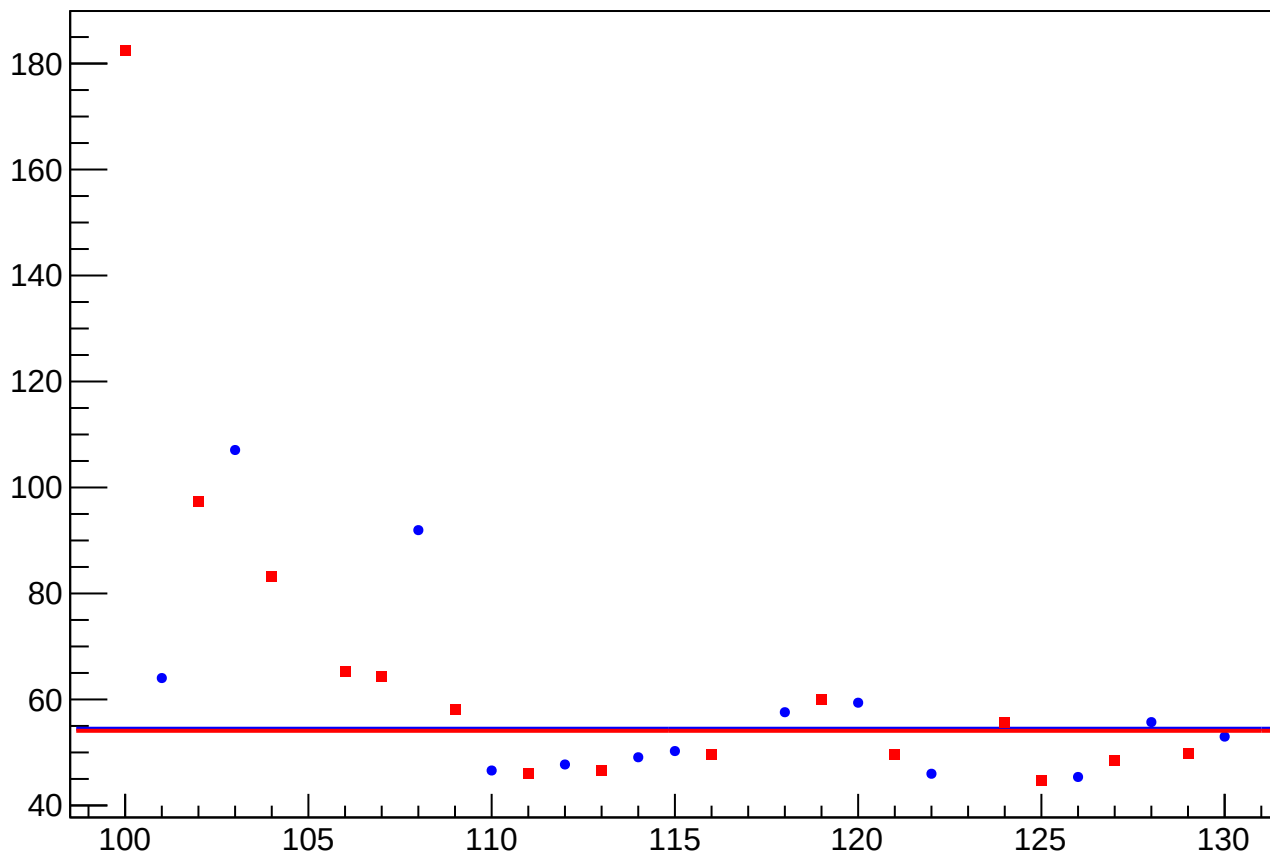
Right: 42.364 $\pm$ 16.728 χ^2 /NDF: 28.1/27

In: 18.574 $\pm$ 24.065 χ^2 /NDF:12.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 42.364 $\pm$ 16.728 χ^2 /NDF: 28.1/27

eigen_dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 54.474+/-0.017 χ^2/NDF : 555042.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.086+/-0.016 χ^2/NDF : 584040.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

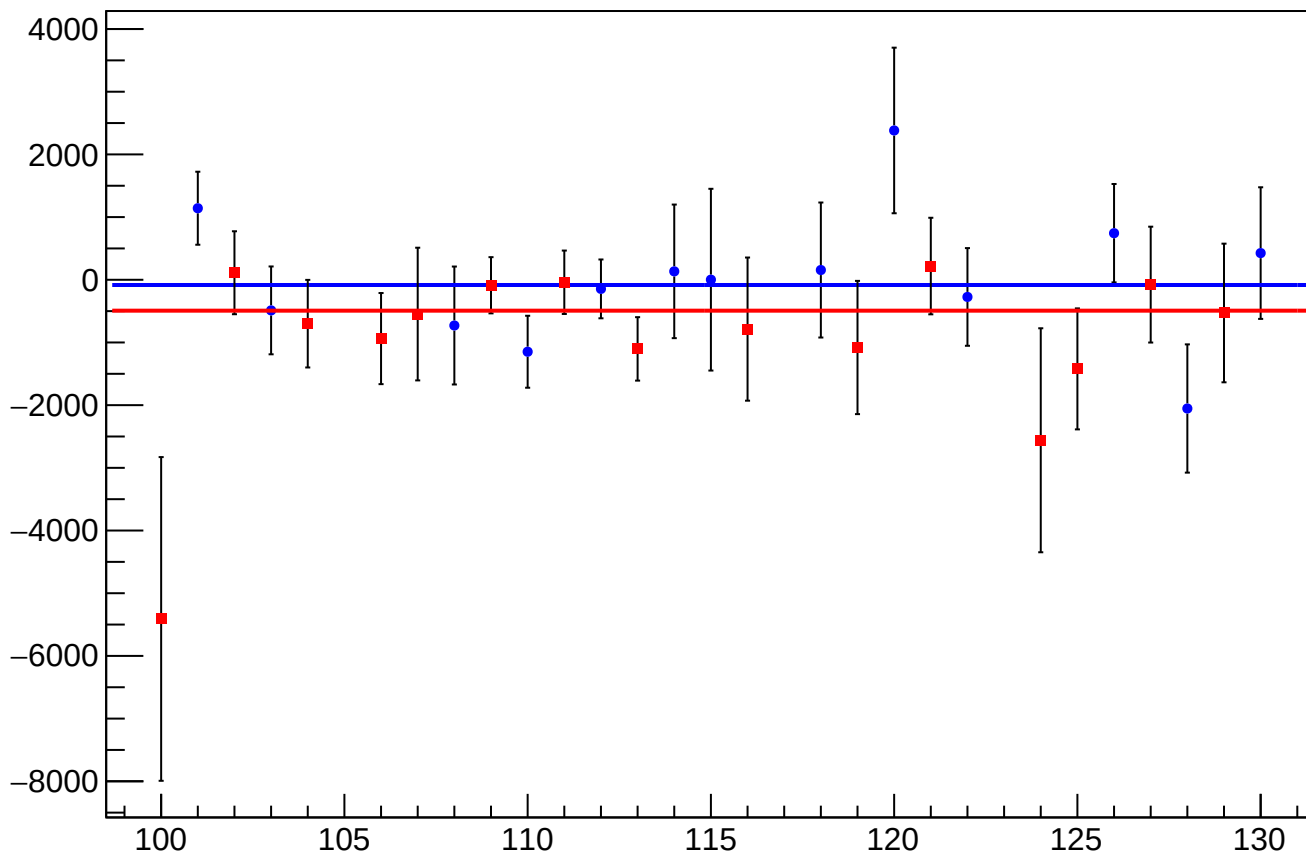
Right: 54.274+/-0.012 χ^2/NDF : 1139351.6/27

In: 54.474+/-0.017 χ^2/NDF : 555042.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.274+/-0.012 χ^2/NDF : 1139351.6/27

asym_sam_15_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -83.199 ± 215.058 $\chi^2/\text{NDF}: 17.4/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -492.729 ± 193.267 $\chi^2/\text{NDF}: 11.7/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

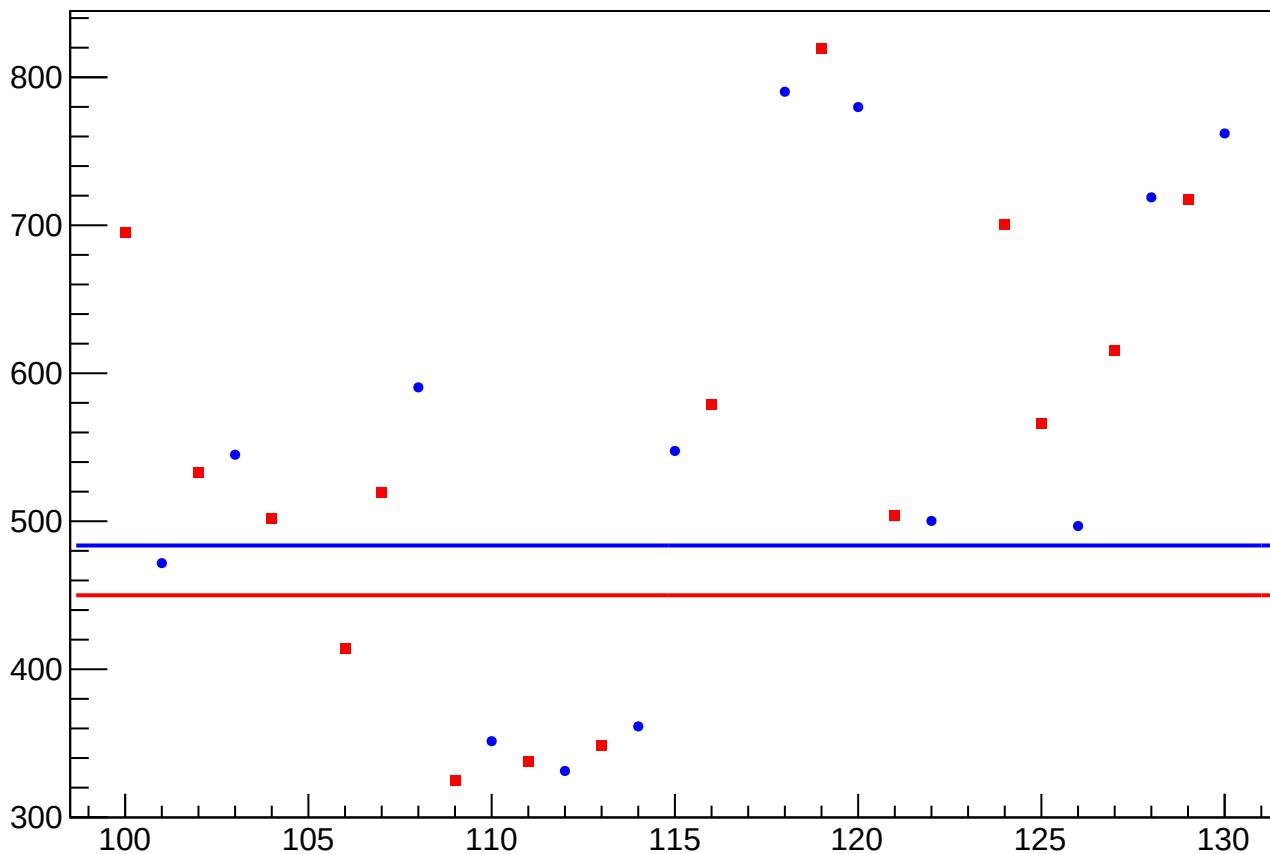
Right: -309.758 ± 143.749 $\chi^2/\text{NDF}: 31.1/27$

In: -83.199 ± 215.058 $\chi^2/\text{NDF}: 17.4/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -309.758 ± 143.749 $\chi^2/\text{NDF}: 31.1/27$

asym_sam_15_37_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 483.626+/-0.152 χ^2/NDF : 899917.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 449.991+/-0.137 χ^2/NDF : 934265.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

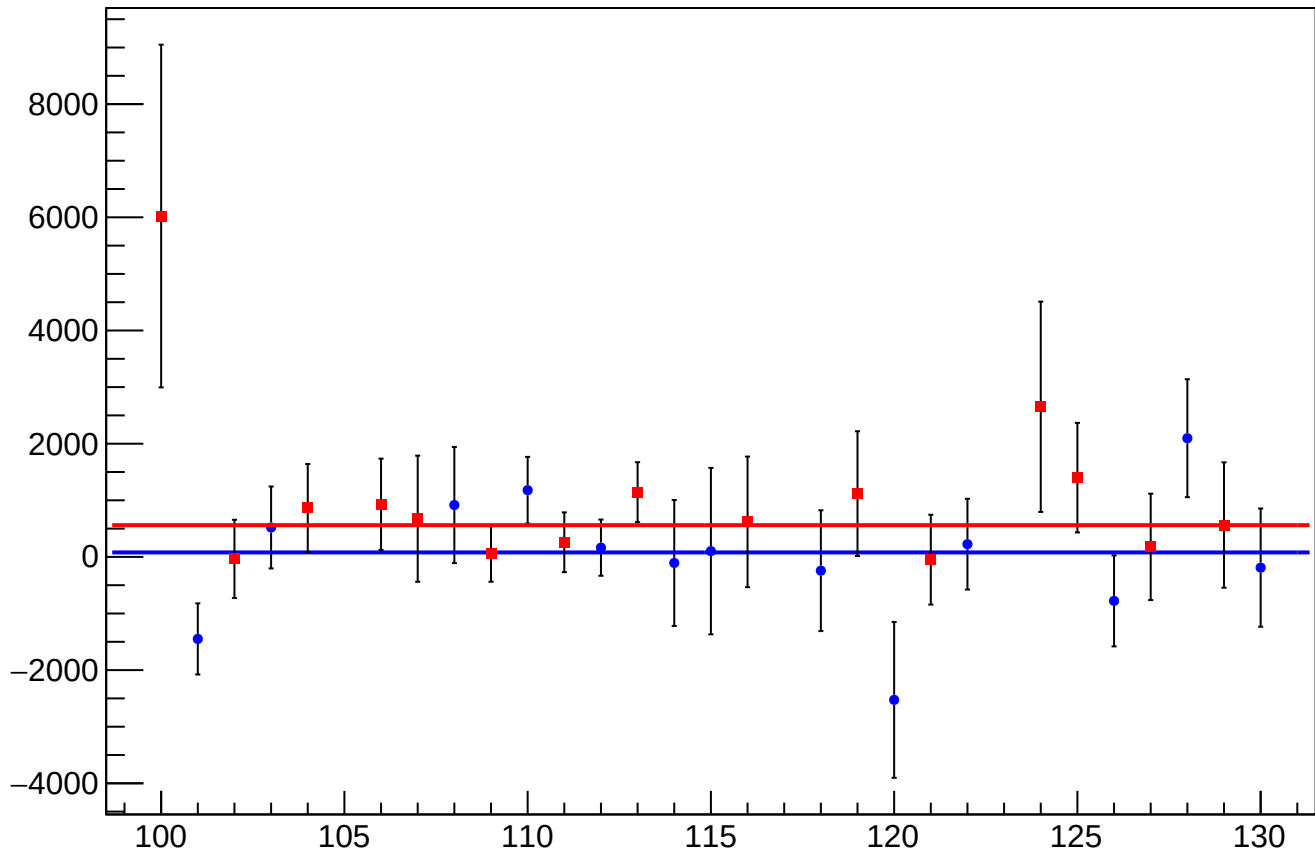
Right: 465.018+/-0.102 χ^2/NDF : 1861247.3/27

In: 483.626+/-0.152 χ^2/NDF : 899917.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 465.018+/-0.102 χ^2/NDF : 1861247.3/27

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 79.038+/-223.907 χ^2/NDF : 19.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 560.764+/-204.252 χ^2/NDF : 10.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

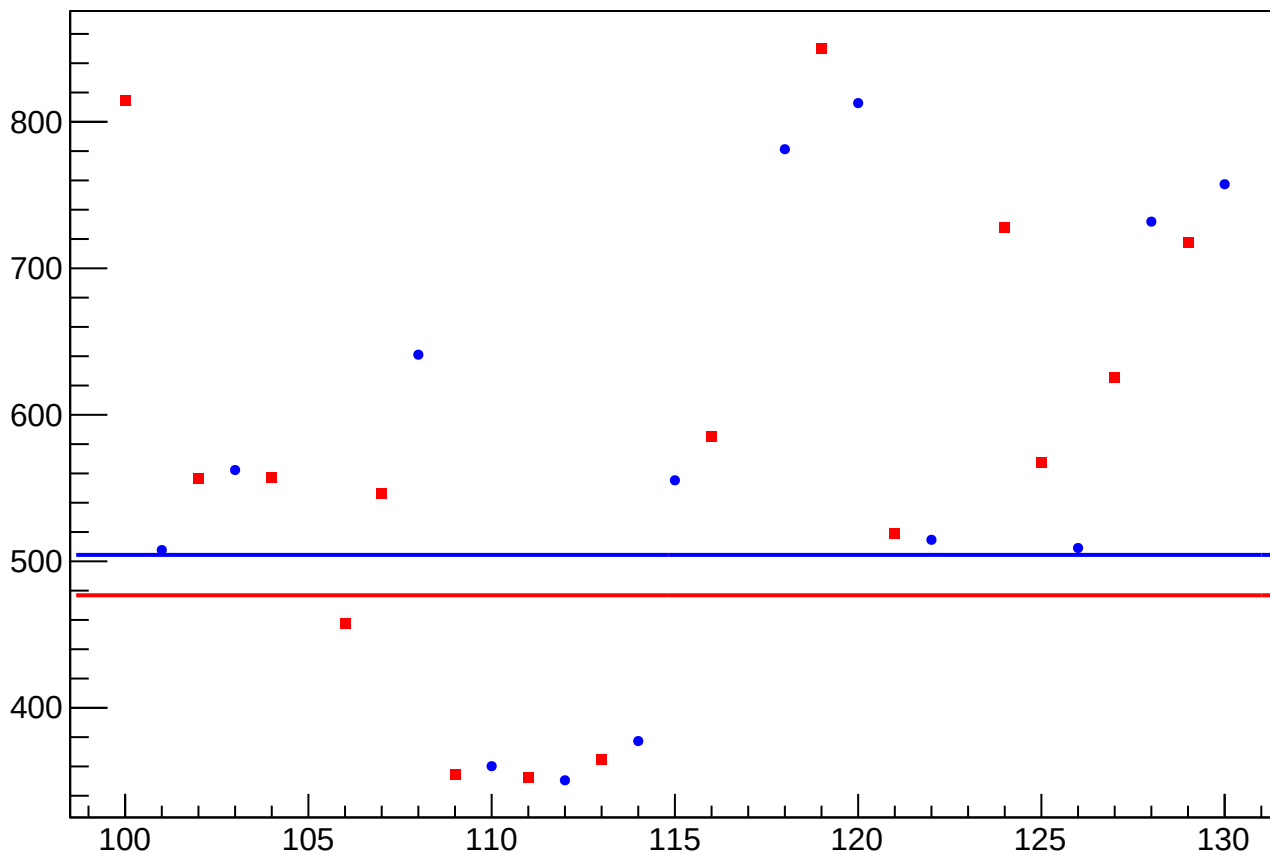
Right: 341.968+/-150.899 χ^2/NDF : 31.7/27

In: 79.038+/-223.907 χ^2/NDF : 19.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 341.968+/-150.899 χ^2/NDF : 31.7/27

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 504.403 $\pm$ 0.158 χ^2 /NDF: 836768.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 476.836 $\pm$ 0.144 χ^2 /NDF: 856819.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

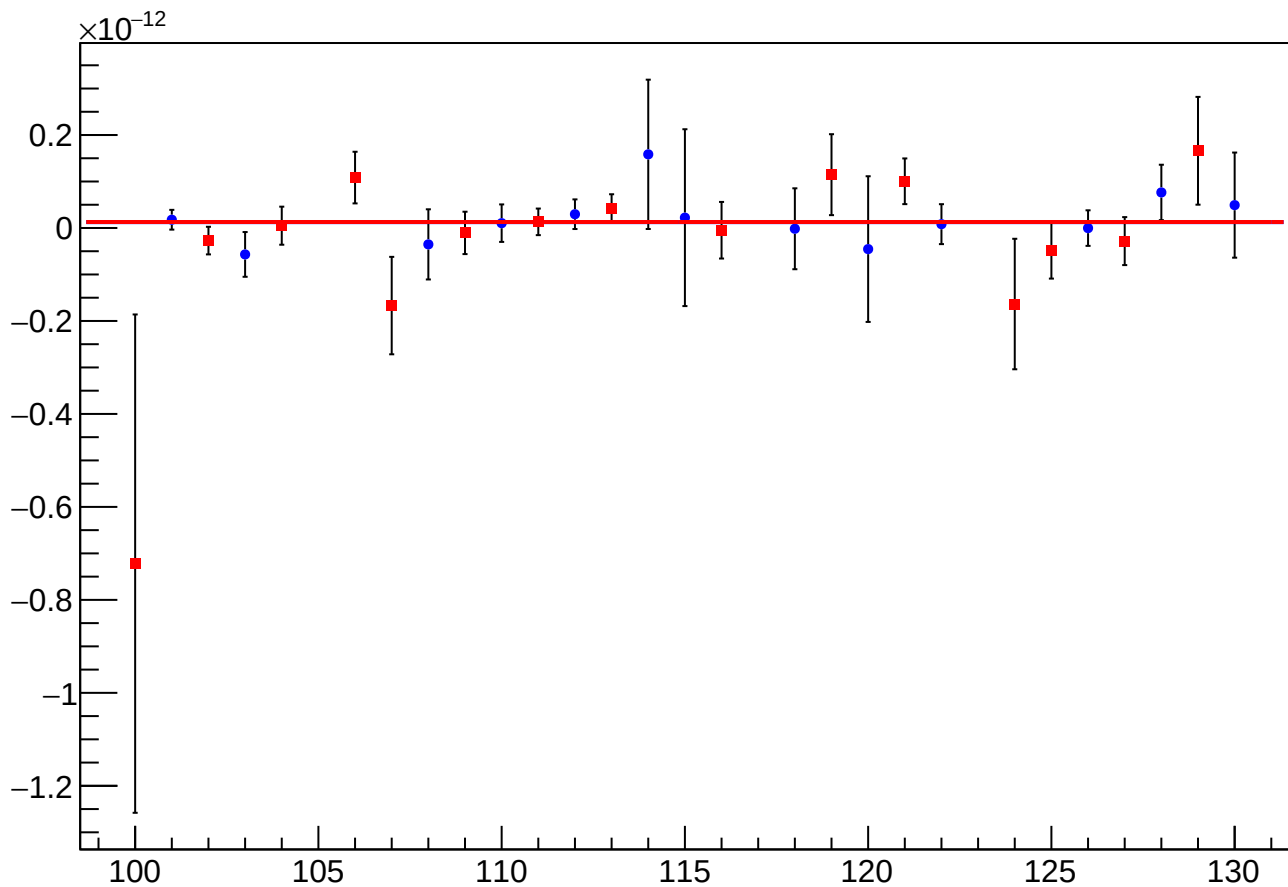
Right: 489.356 $\pm$ 0.107 χ^2 /NDF: 1710134.2/27

In: 504.403 $\pm$ 0.158 χ^2 /NDF:836768.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 489.356 $\pm$ 0.107 χ^2 /NDF: 1710134.2/27

asym_sam_15_37_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 20.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

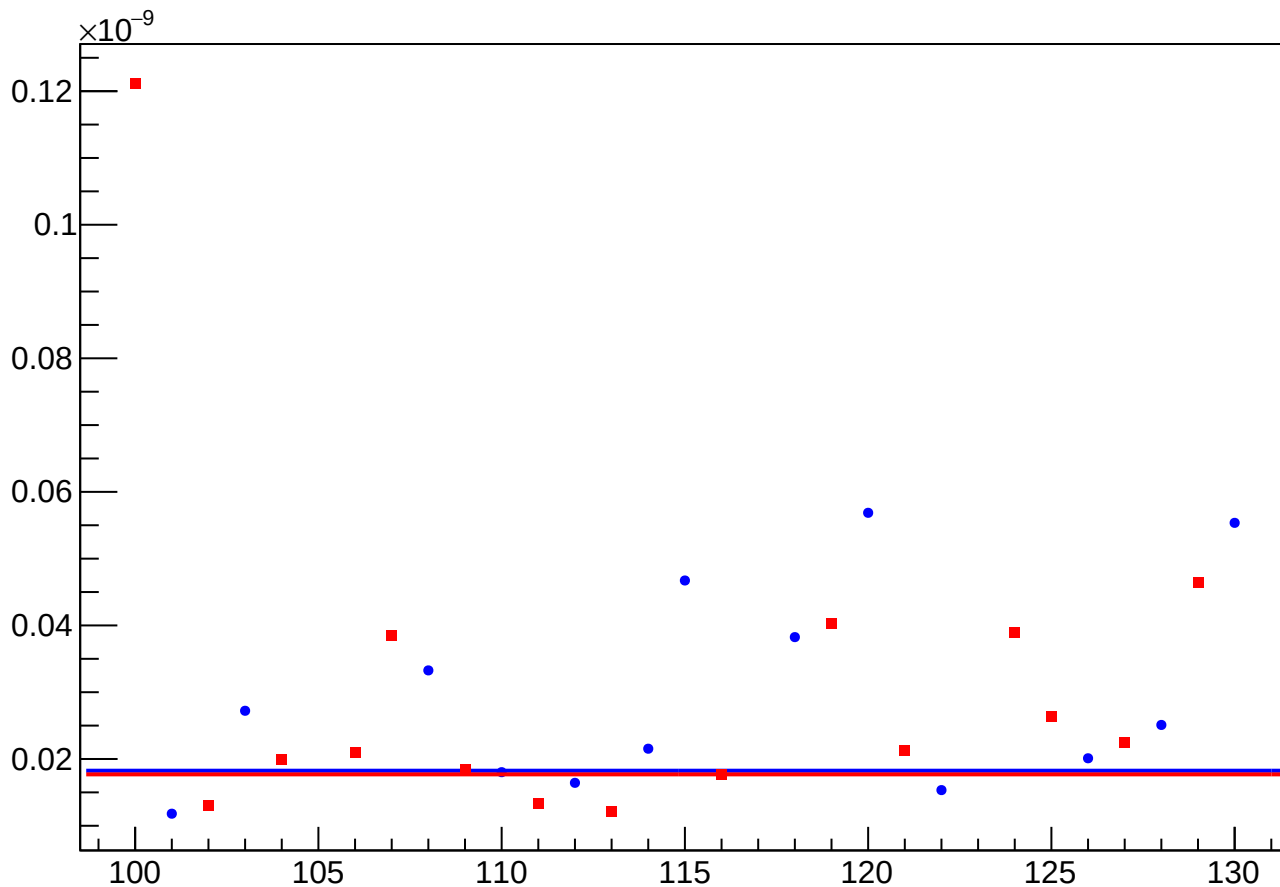
Right: 0.000+/-0.000 χ^2/NDF : 25.6/27

In: 0.000+/-0.000 χ^2/NDF : 5.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.6/27

asym_sam_15_37_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 867460.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 698773.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

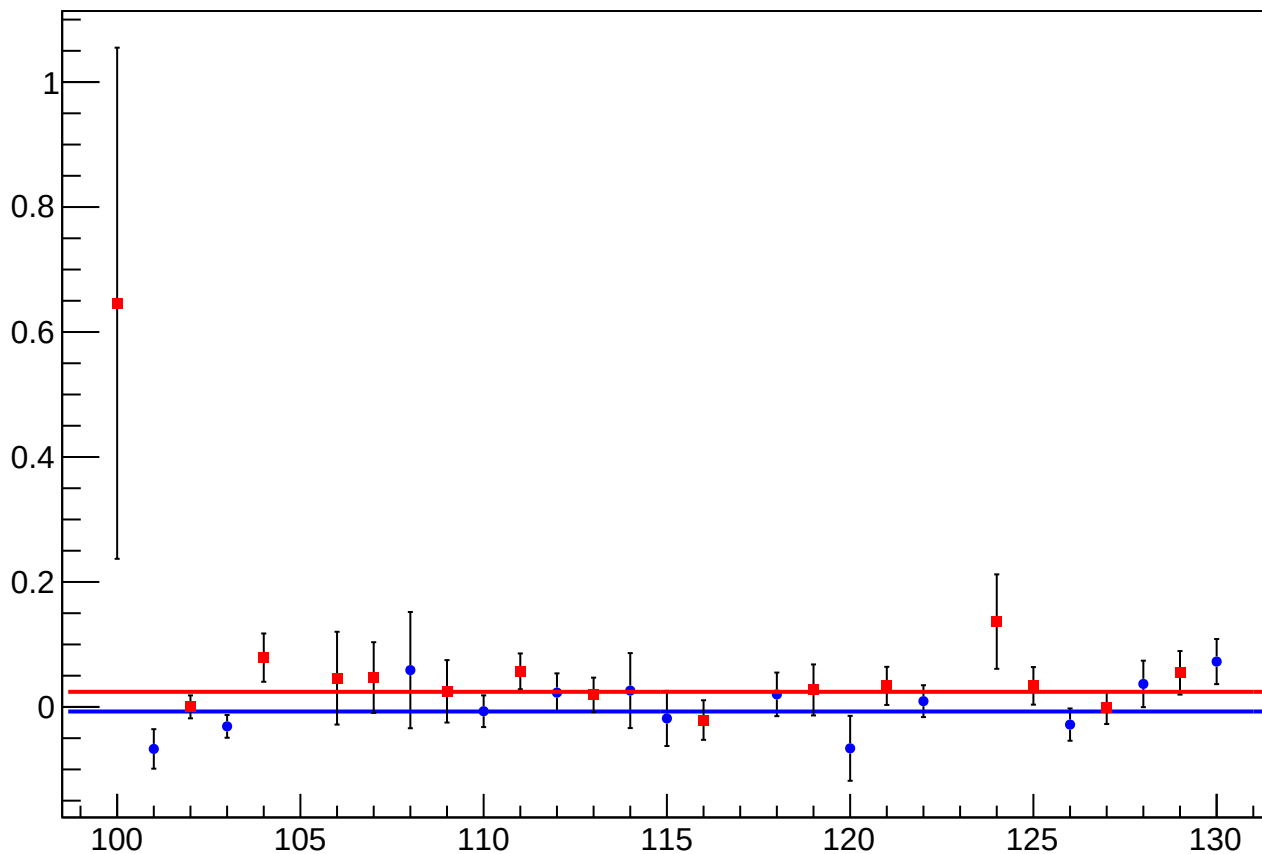
Right: 0.000+/-0.000 χ^2/NDF : 1568155.5/27

In: 0.000+/-0.000 χ^2/NDF :867460.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1568155.5/27

asym_sam_15_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.009 χ^2/NDF : 16.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.024 ± 0.009 χ^2/NDF : 13.7/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

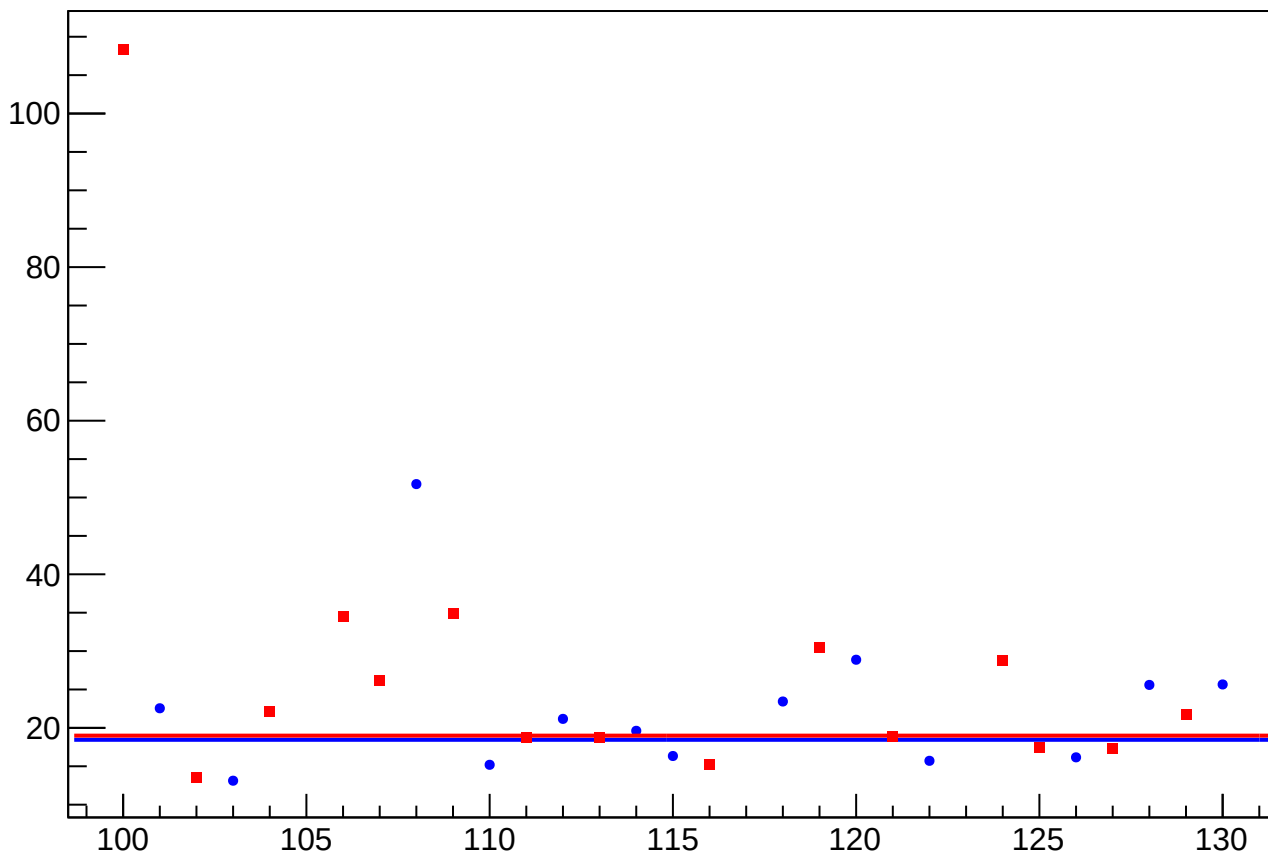
Right: 0.008 ± 0.006 χ^2/NDF : 36.7/27

In: -0.007 ± 0.009 χ^2/NDF : 16.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.008 ± 0.006 χ^2/NDF : 36.7/27

asym_sam_15_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.448+/-0.006 χ^2/NDF : 828210.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.990+/-0.006 χ^2/NDF : 847479.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

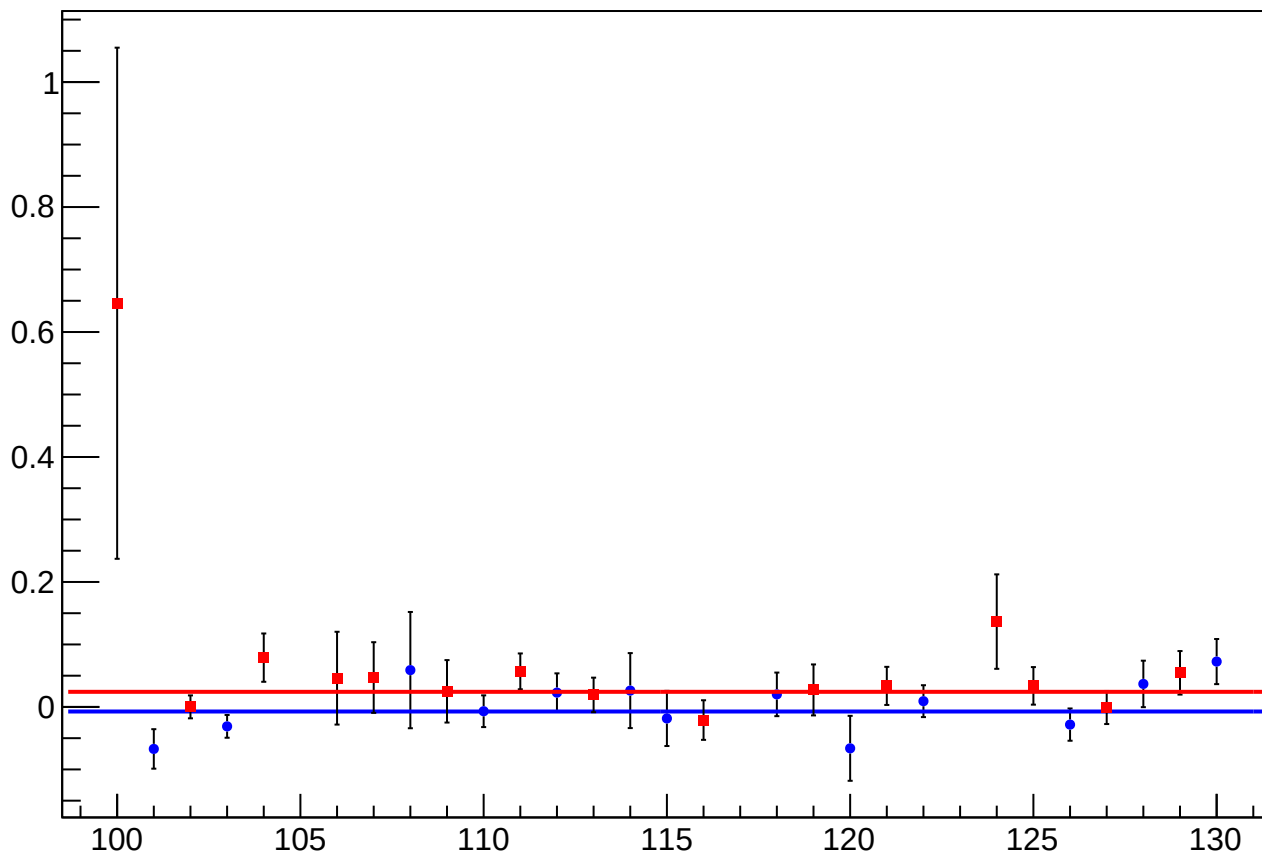
Right: 18.719+/-0.004 χ^2/NDF : 1679577.5/27

In: 18.448+/-0.006 χ^2/NDF : 828210.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.719+/-0.004 χ^2/NDF : 1679577.5/27

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.009 χ^2 /NDF: 16.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.024 $\pm$ 0.009 χ^2 /NDF: 13.7/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

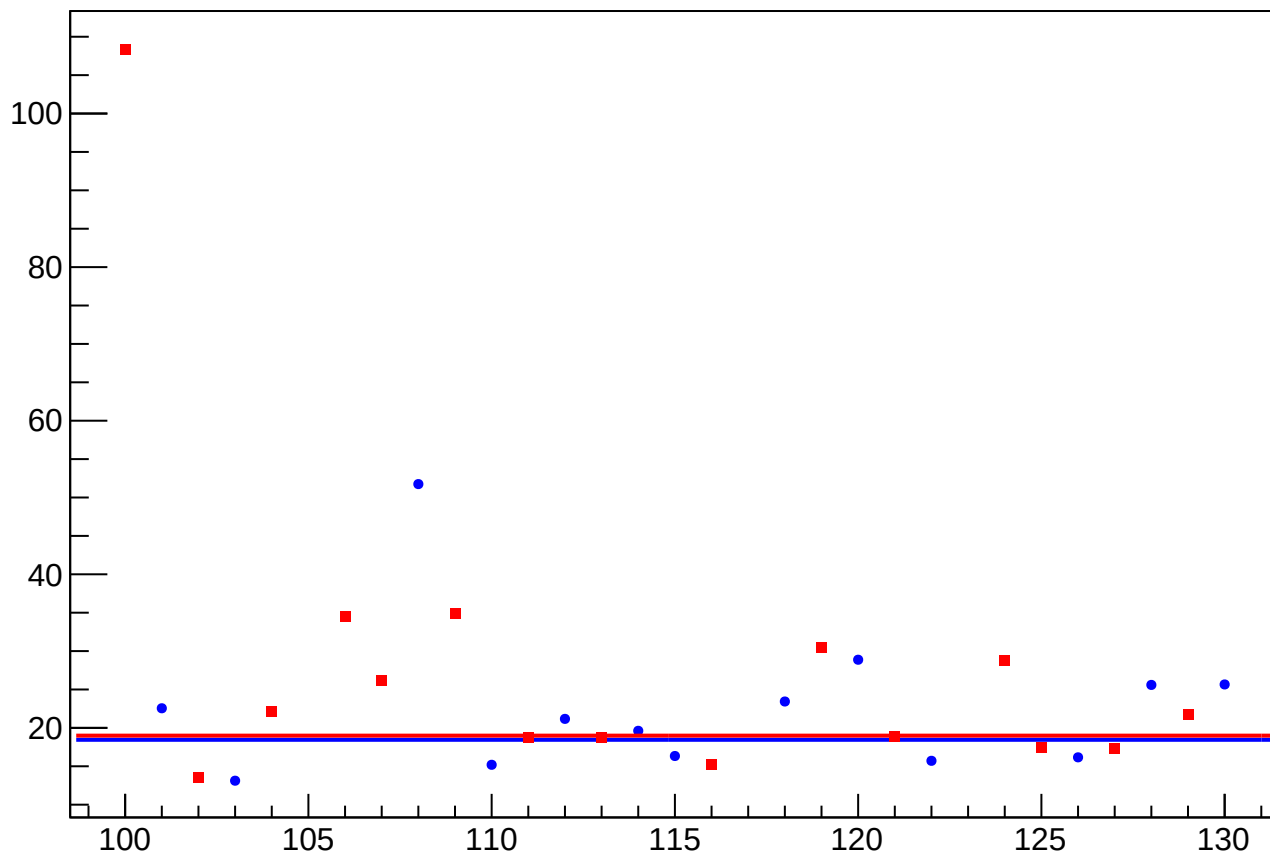
Right: 0.008 $\pm$ 0.006 χ^2 /NDF: 36.7/27

In: -0.007 $\pm$ 0.009 χ^2 /NDF:16.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.008 $\pm$ 0.006 χ^2 /NDF: 36.7/27

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.448+/-0.006 χ^2/NDF : 828210.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.990+/-0.006 χ^2/NDF : 847479.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

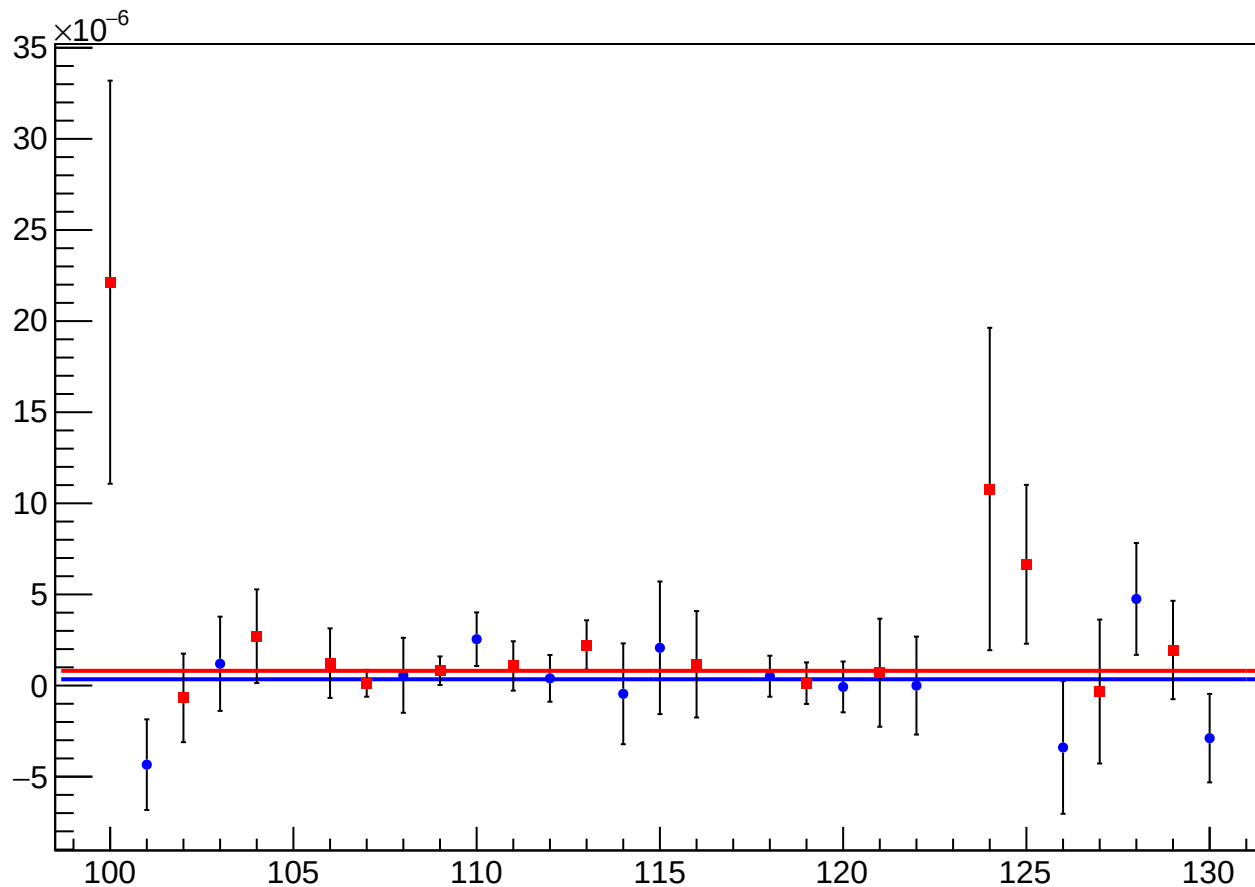
Right: 18.719+/-0.004 χ^2/NDF : 1679577.5/27

In: 18.448+/-0.006 χ^2/NDF : 828210.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.719+/-0.004 χ^2/NDF : 1679577.5/27

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 11.2/12

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 +/- 0.000 χ^2/NDF : 10.4/14

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

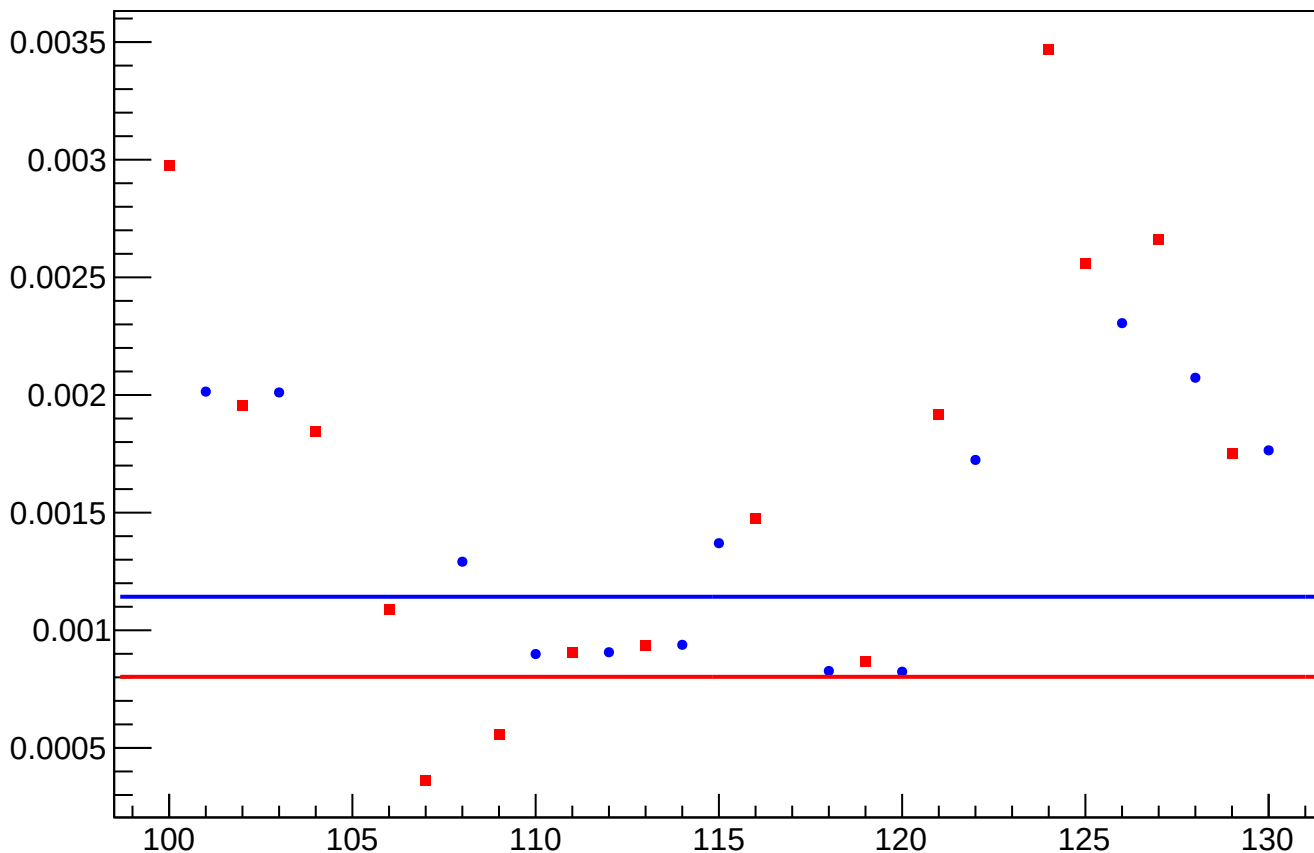
Right: 0.000 +/- 0.000 χ^2/NDF : 22.1/27

In: 0.000 +/- 0.000 χ^2/NDF : 11.2/12

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 0.000 +/- 0.000 χ^2/NDF : 22.1/27

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1497593.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3440082.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

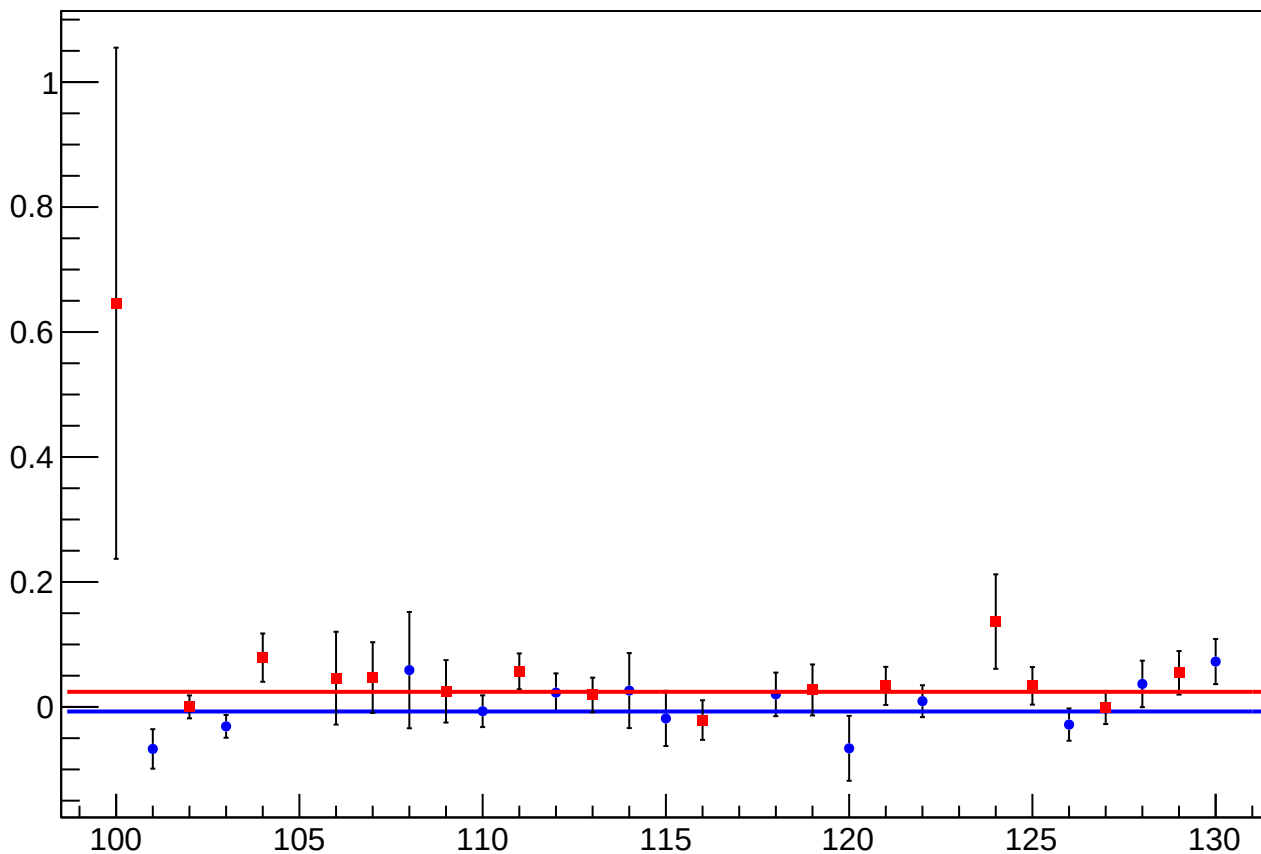
Right: 0.001+/-0.000 χ^2/NDF : 5473712.7/27

In: 0.001+/-0.000 χ^2/NDF :1497593.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5473712.7/27

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.009 χ^2 /NDF: 16.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.024 $\pm$ 0.009 χ^2 /NDF: 13.7/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

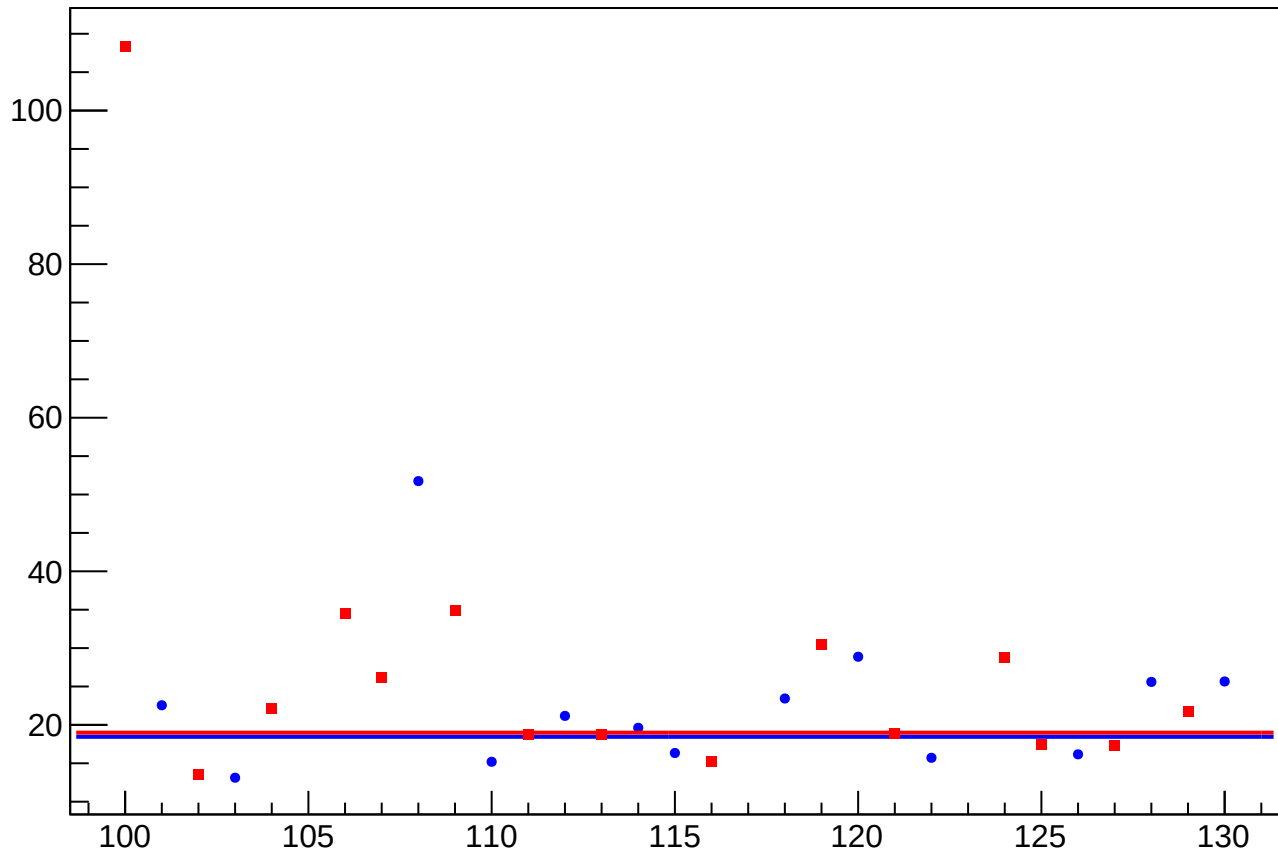
Right: 0.008 $\pm$ 0.006 χ^2 /NDF: 36.7/27

In: -0.007 $\pm$ 0.009 χ^2 /NDF:16.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.008 $\pm$ 0.006 χ^2 /NDF: 36.7/27

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.449+/-0.006 χ^2/NDF : 828089.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.991+/-0.006 χ^2/NDF : 847338.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

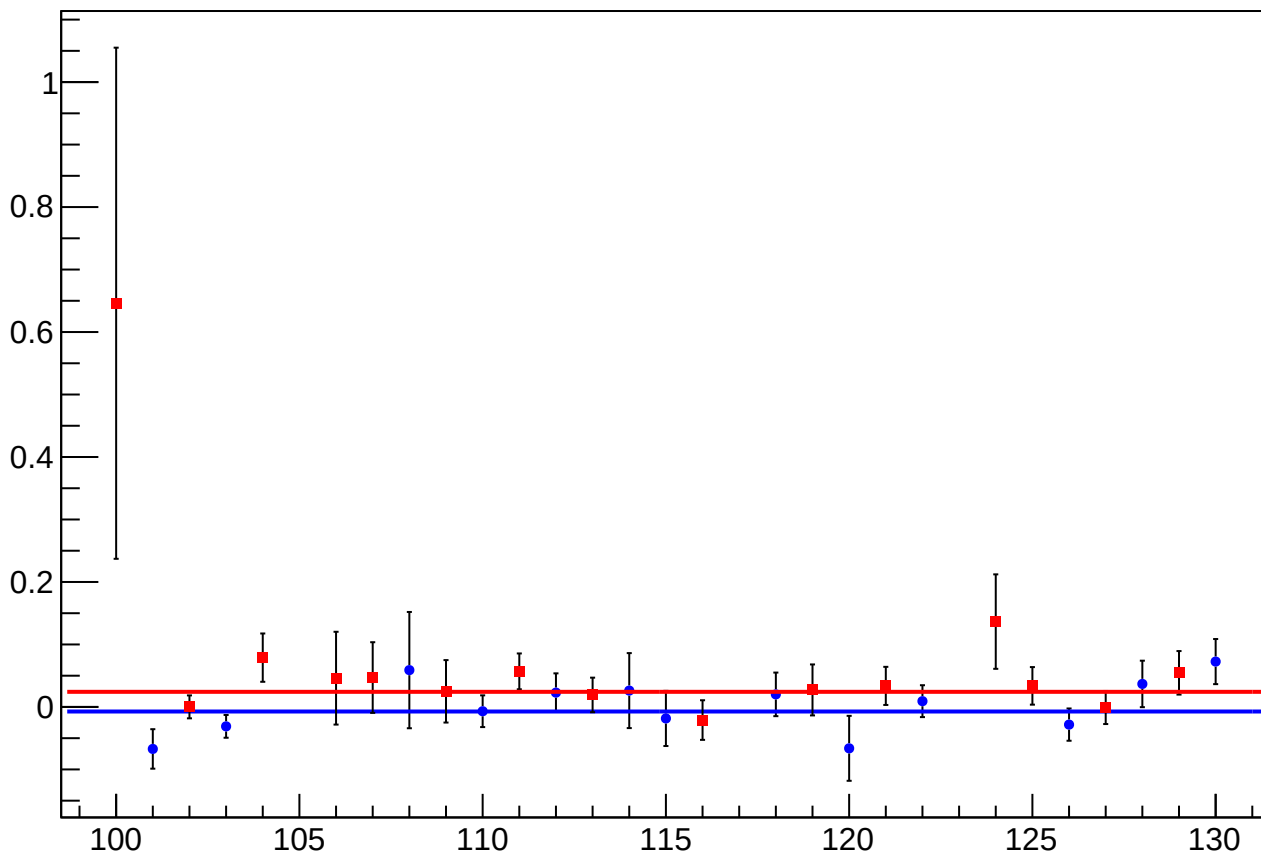
Right: 18.720+/-0.004 χ^2/NDF : 1679315.3/27

In: 18.449+/-0.006 χ^2/NDF : 828089.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.720+/-0.004 χ^2/NDF : 1679315.3/27

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.009 χ^2 /NDF: 16.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.024 $\pm$ 0.009 χ^2 /NDF: 13.7/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

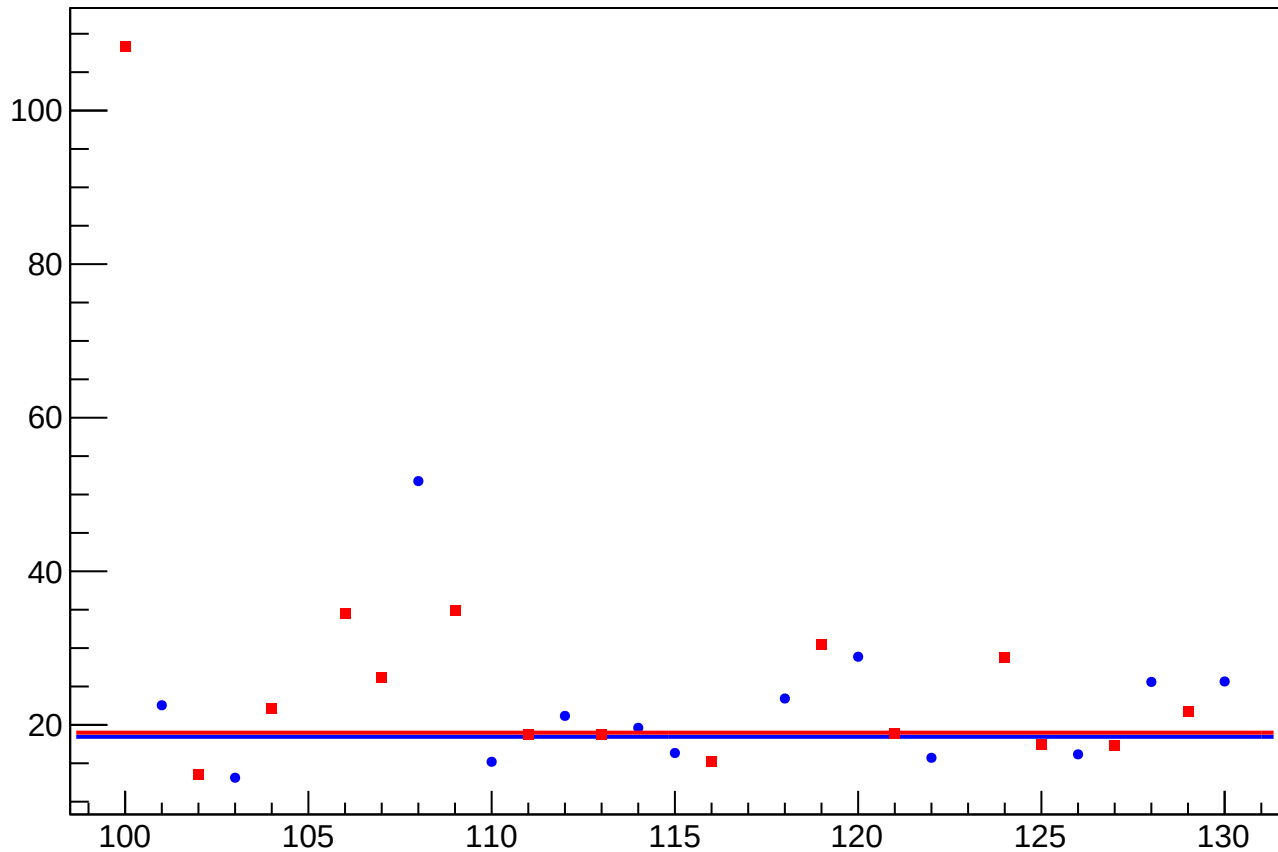
Right: 0.008 $\pm$ 0.006 χ^2 /NDF: 36.7/27

In: -0.007 $\pm$ 0.009 χ^2 /NDF:16.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.008 $\pm$ 0.006 χ^2 /NDF: 36.7/27

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.449+/-0.006 χ^2/NDF : 828089.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.991+/-0.006 χ^2/NDF : 847338.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

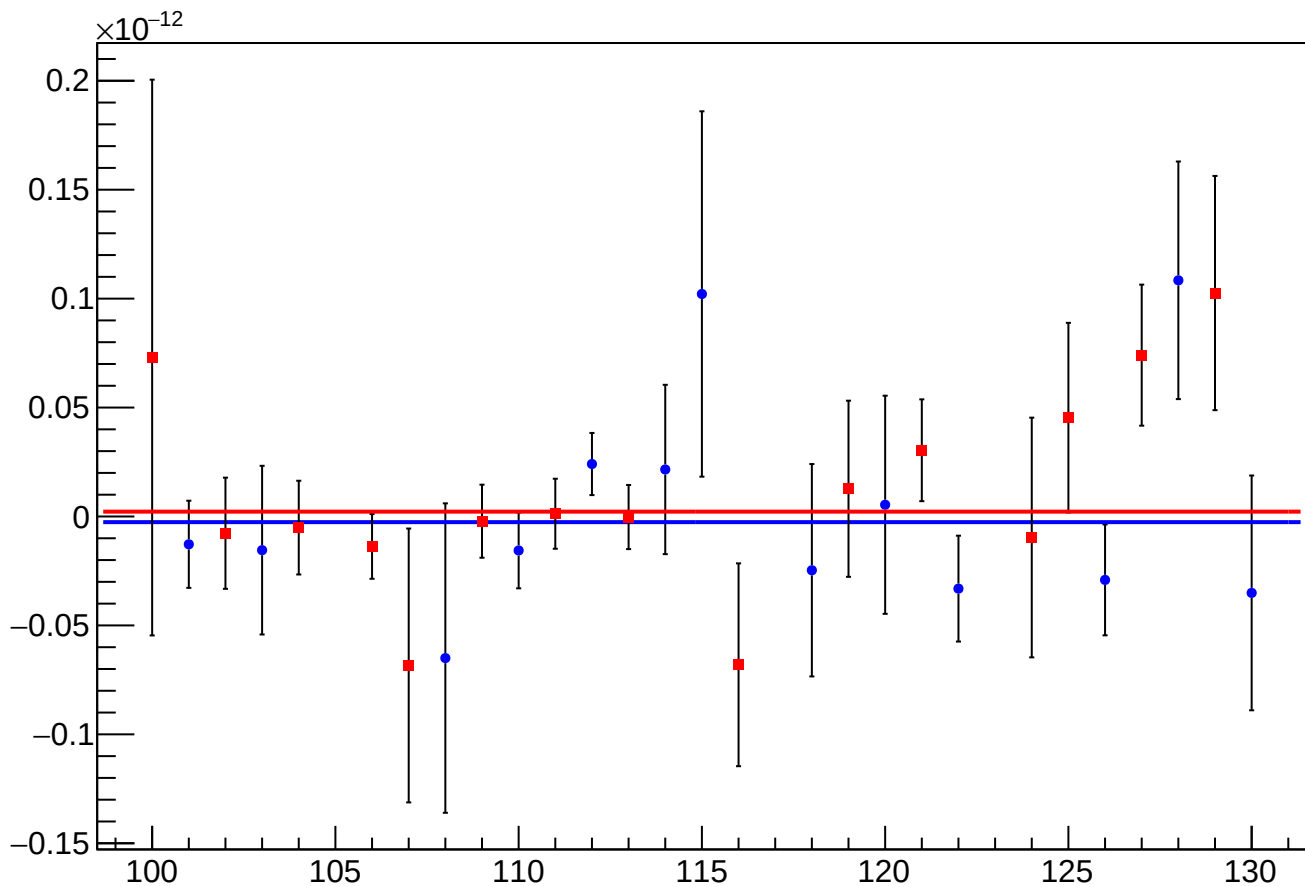
Right: 18.720+/-0.004 χ^2/NDF : 1679315.3/27

In: 18.449+/-0.006 χ^2/NDF : 828089.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.720+/-0.004 χ^2/NDF : 1679315.3/27

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

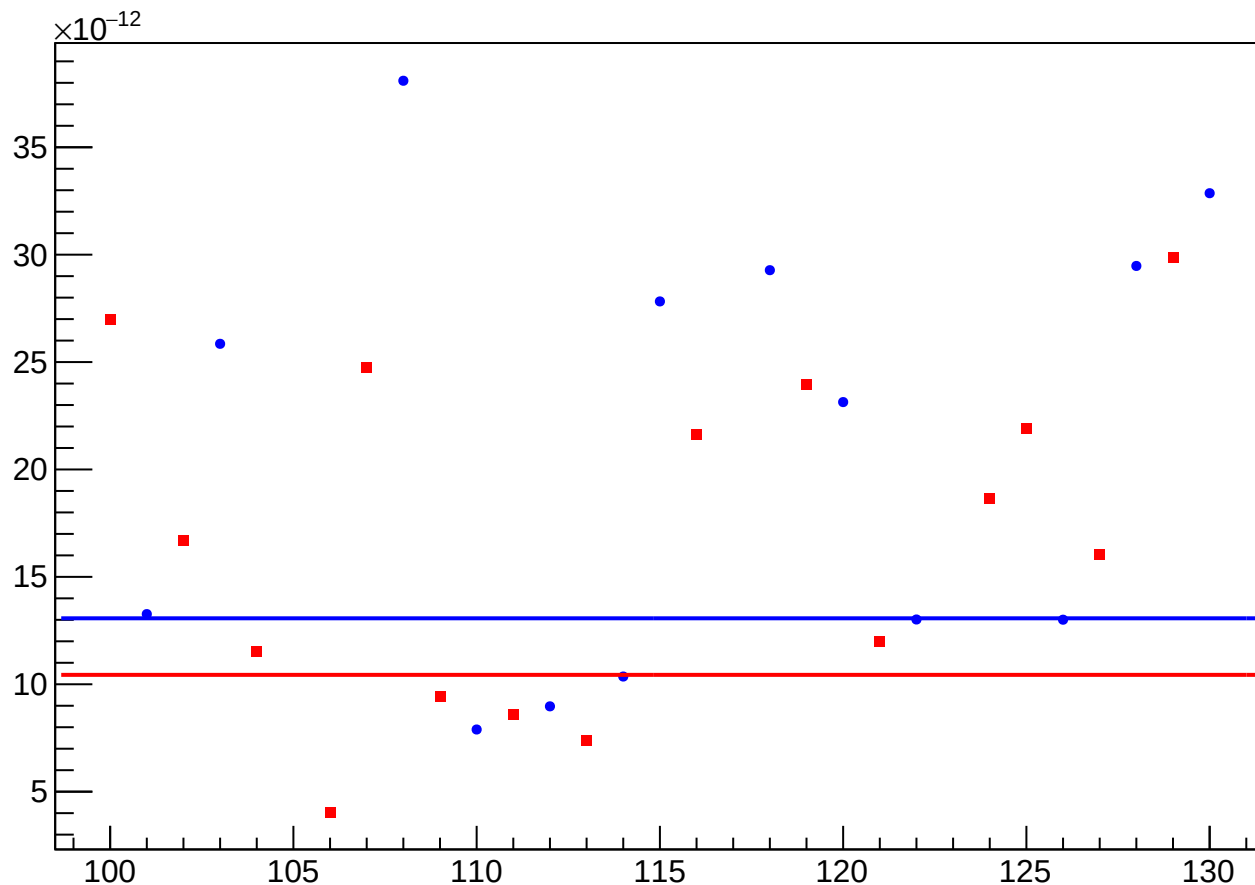
Right: 0.000+/-0.000 χ^2/NDF : 31.1/27

In: -0.000+/-0.000 χ^2/NDF : 14.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 31.1/27

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1633154.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1607649.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

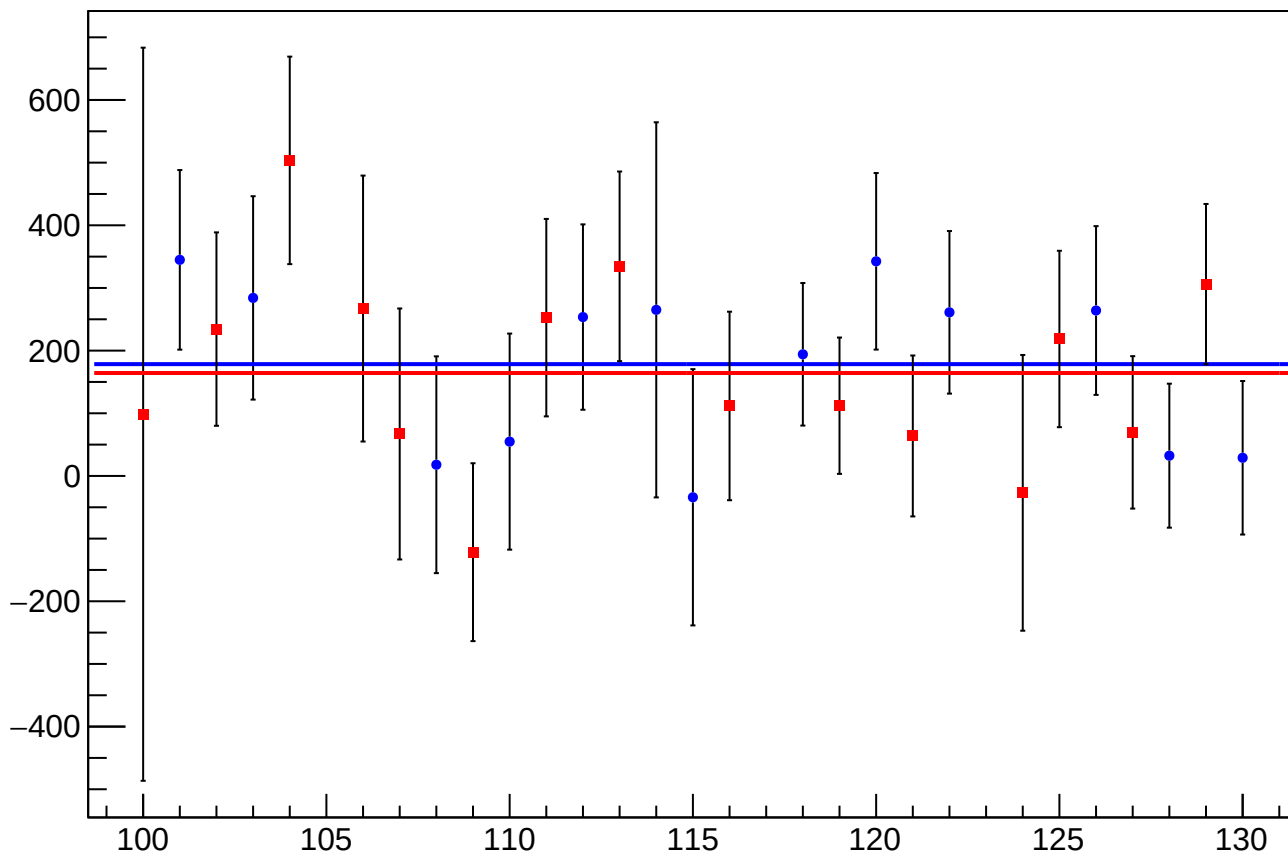
Right: 0.000+/-0.000 χ^2/NDF : 3383197.3/27

In: 0.000+/-0.000 χ^2/NDF : 1633154.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3383197.3/27

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 178.437 $\pm$ 40.190 χ^2 /NDF: 9.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 164.276 $\pm$ 39.186 χ^2 /NDF: 14.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

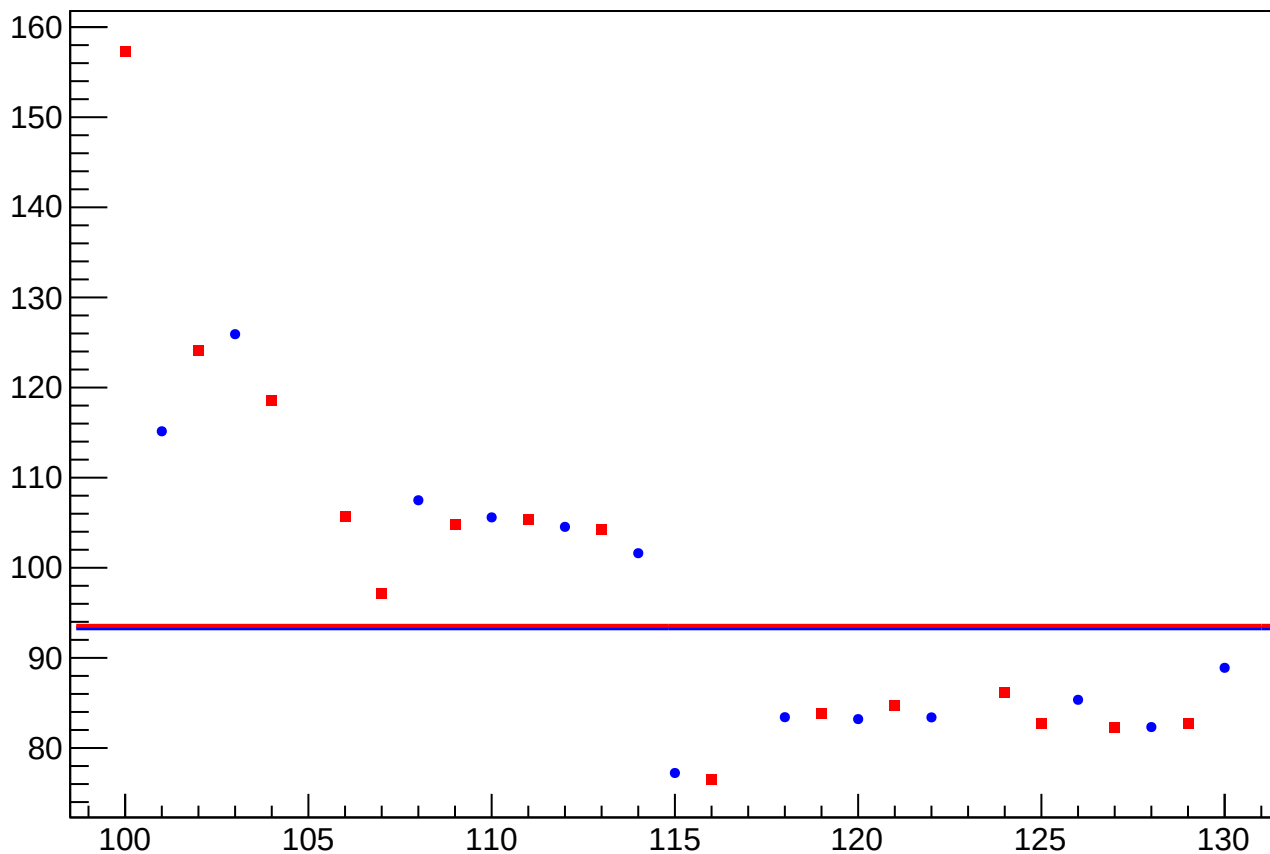
Right: 171.177 $\pm$ 28.057 χ^2 /NDF: 24.2/27

In: 178.437 $\pm$ 40.190 χ^2 /NDF:9.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 171.177 $\pm$ 28.057 χ^2 /NDF: 24.2/27

reg_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 93.283+/-0.028 χ^2/NDF : 241171.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.560+/-0.028 χ^2/NDF : 285162.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

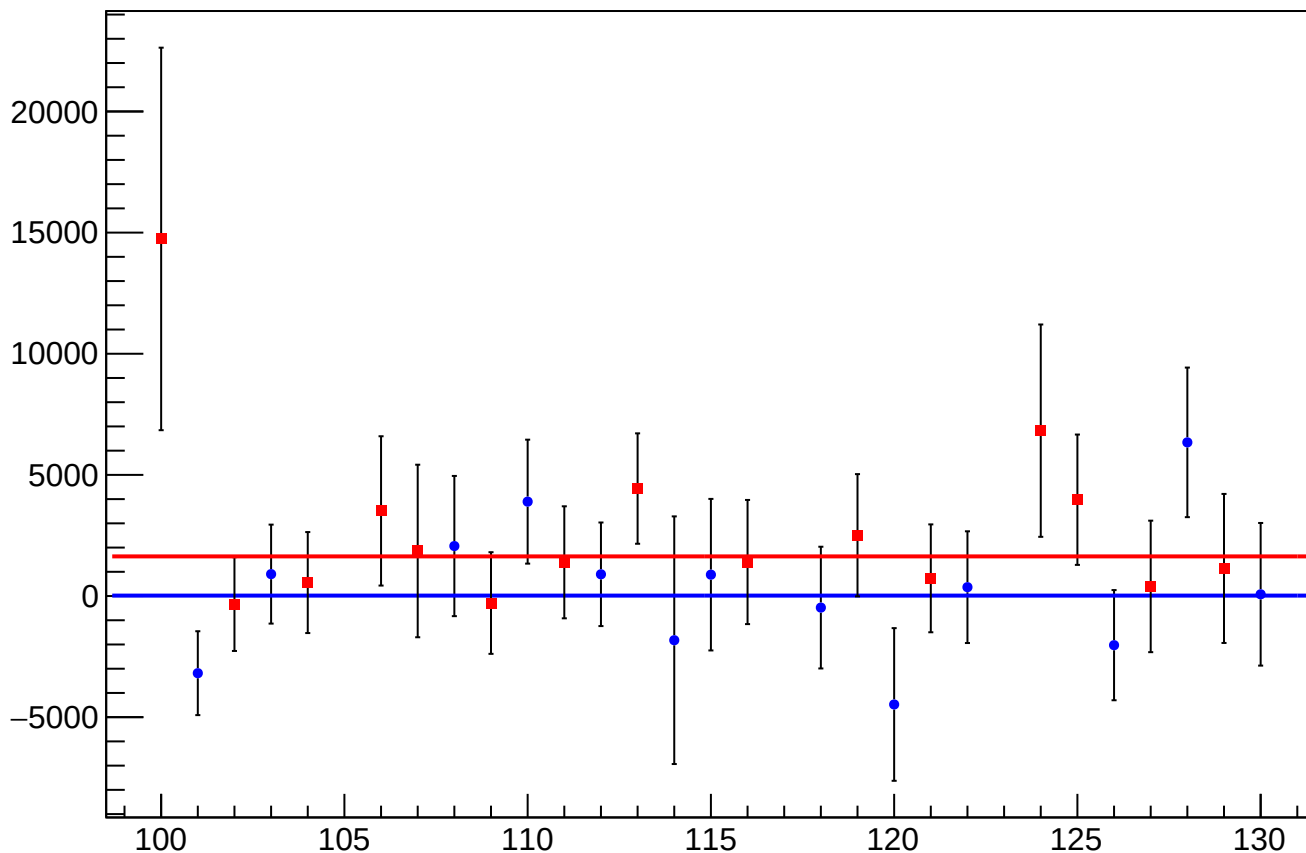
Right: 93.425+/-0.020 χ^2/NDF : 526383.0/27

In: 93.283+/-0.028 χ^2/NDF : 241171.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.425+/-0.020 χ^2/NDF : 526383.0/27

asym_sam_24_68_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 17.785+/-695.713 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1635.972+/-667.079 χ^2/NDF : 9.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

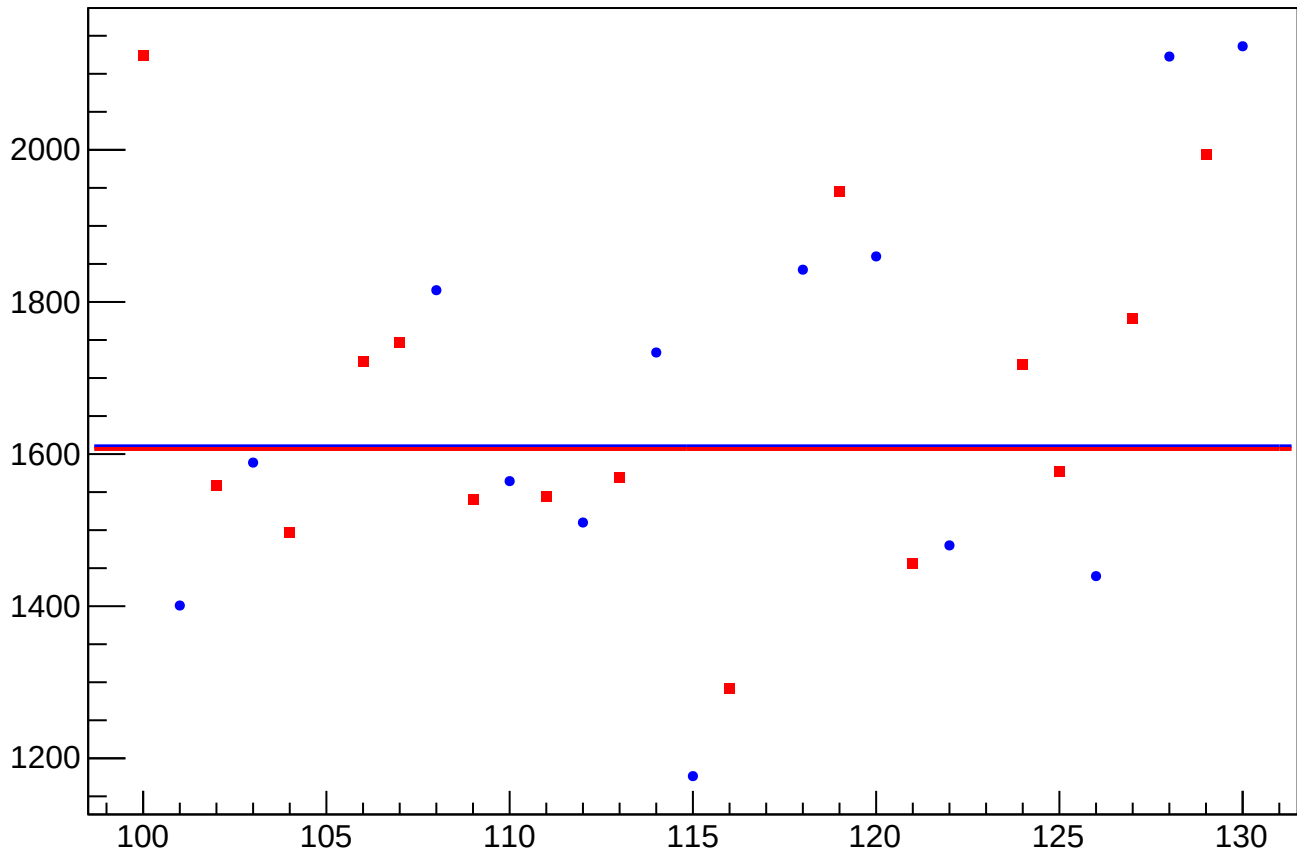
Right: 860.862+/-481.501 χ^2/NDF : 26.2/27

In: 17.785+/-695.713 χ^2/NDF : 13.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 860.862+/-481.501 χ^2/NDF : 26.2/27

asym_sam_24_68_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1610.169+/-0.492 χ^2/NDF : 250453.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1606.729+/-0.472 χ^2/NDF : 141742.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

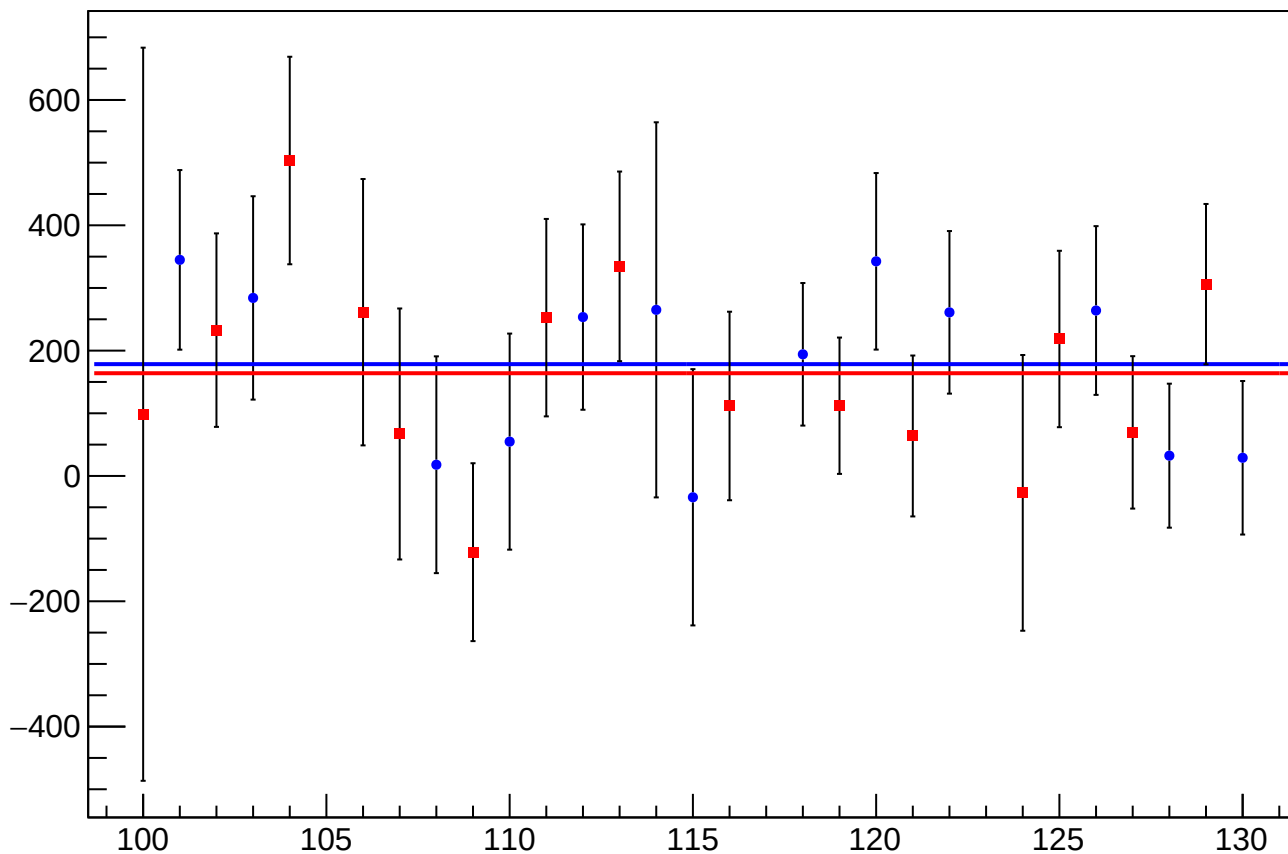
Right: 1608.377+/-0.340 χ^2/NDF : 392221.3/27

In: 1610.169+/-0.492 χ^2/NDF : 250453.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1608.377+/-0.340 χ^2/NDF : 392221.3/27

cor_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 178.436 $\pm$ 40.190 χ^2 /NDF: 9.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 163.942 $\pm$ 39.189 χ^2 /NDF: 14.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

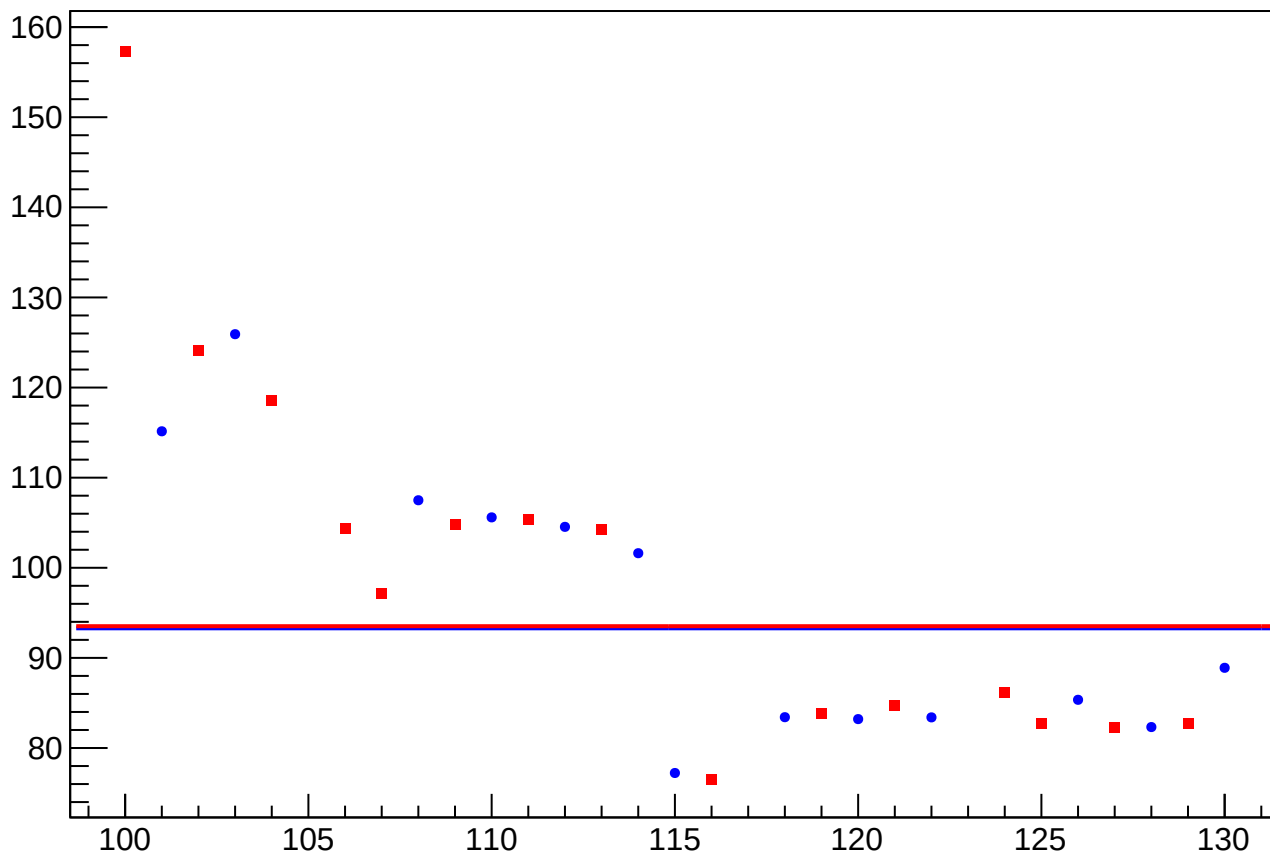
Right: 171.007 $\pm$ 28.058 χ^2 /NDF: 24.1/27

In: 178.436 $\pm$ 40.190 χ^2 /NDF:9.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 171.007 $\pm$ 28.058 χ^2 /NDF: 24.1/27

cor_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 93.283+/-0.028 χ^2/NDF : 241173.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.517+/-0.028 χ^2/NDF : 284057.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

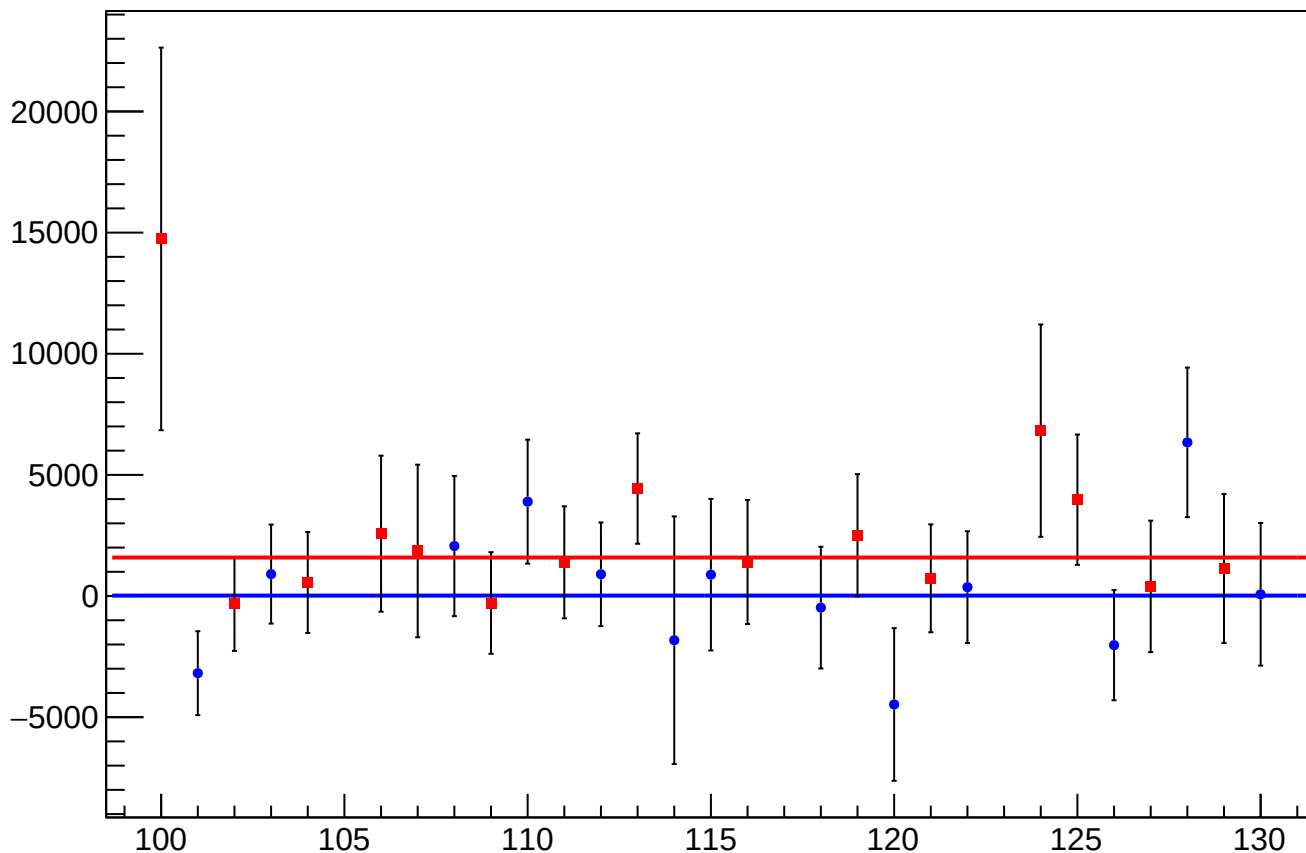
Right: 93.403+/-0.020 χ^2/NDF : 525265.7/27

In: 93.283+/-0.028 χ^2/NDF : 241173.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.403+/-0.020 χ^2/NDF : 525265.7/27

asym_sam_24_68_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 17.834+/-695.716 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1588.623+/-668.431 χ^2/NDF : 9.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

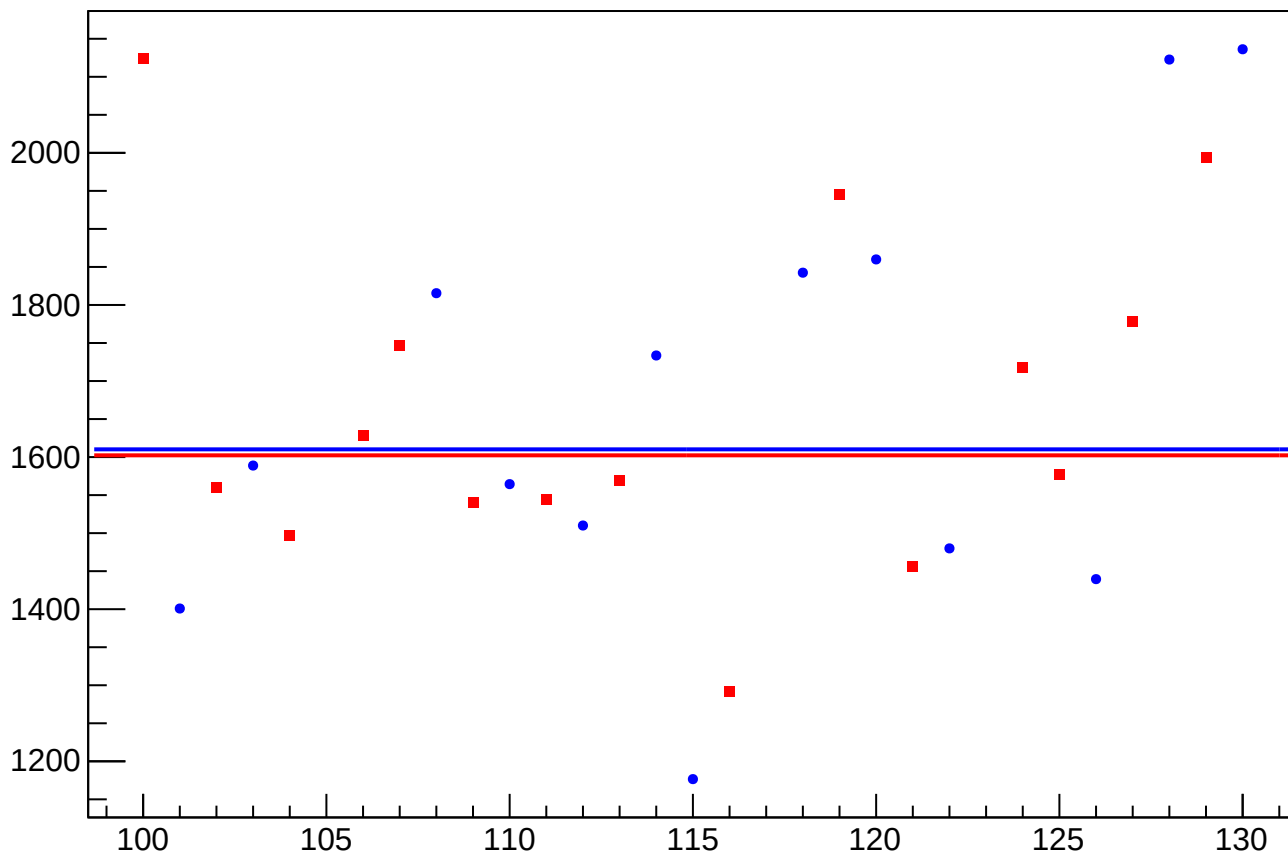
Right: 834.634+/-482.009 χ^2/NDF : 25.7/27

In: 17.834+/-695.716 χ^2/NDF : 13.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 834.634+/-482.009 χ^2/NDF : 25.7/27

asym_sam_24_68_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1610.176+/-0.492 χ^2/NDF : 250452.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1602.299+/-0.473 χ^2/NDF : 138894.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

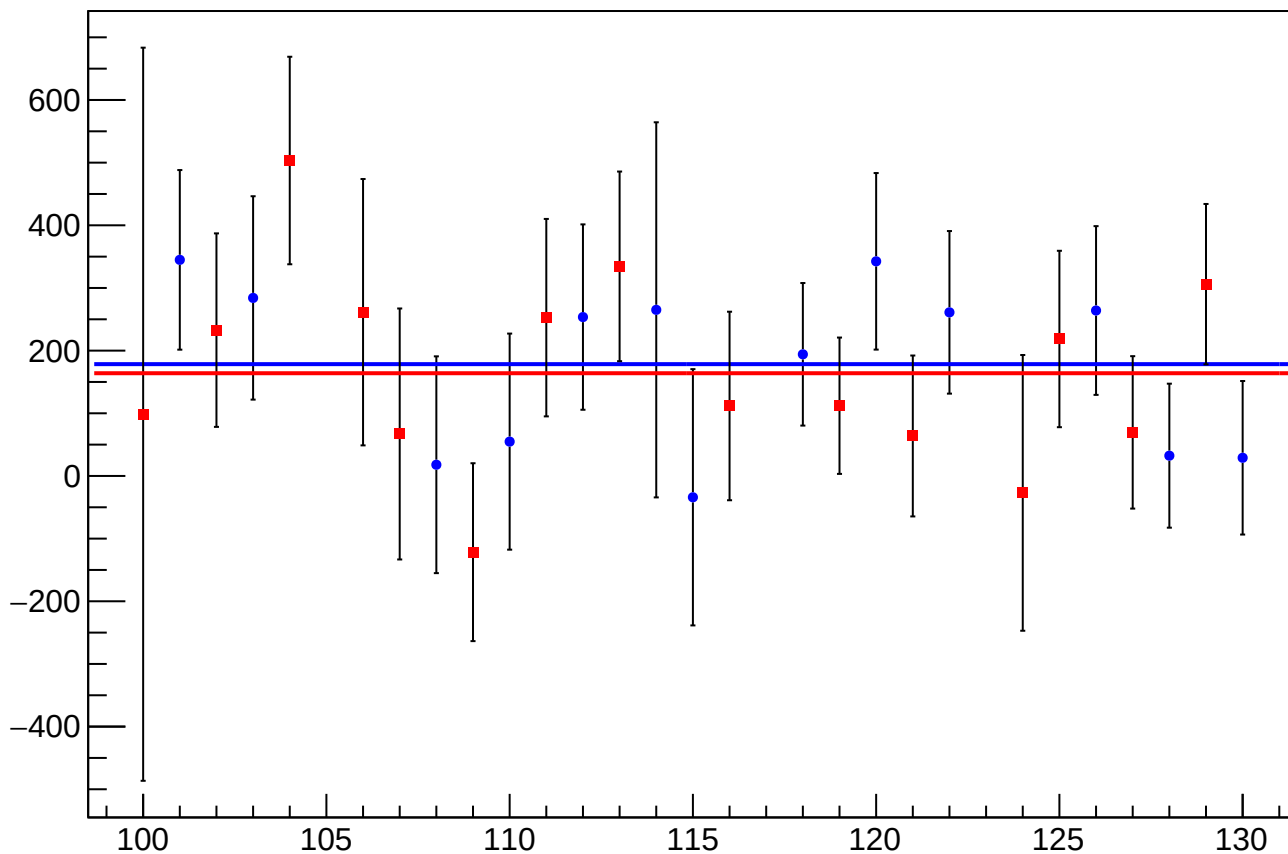
Right: 1606.080+/-0.341 χ^2/NDF : 389480.4/27

In: 1610.176+/-0.492 χ^2/NDF : 250452.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1606.080+/-0.341 χ^2/NDF : 389480.4/27

eigen_cor_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 178.436 $\pm$ 40.190 χ^2 /NDF: 9.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 163.942 $\pm$ 39.189 χ^2 /NDF: 14.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

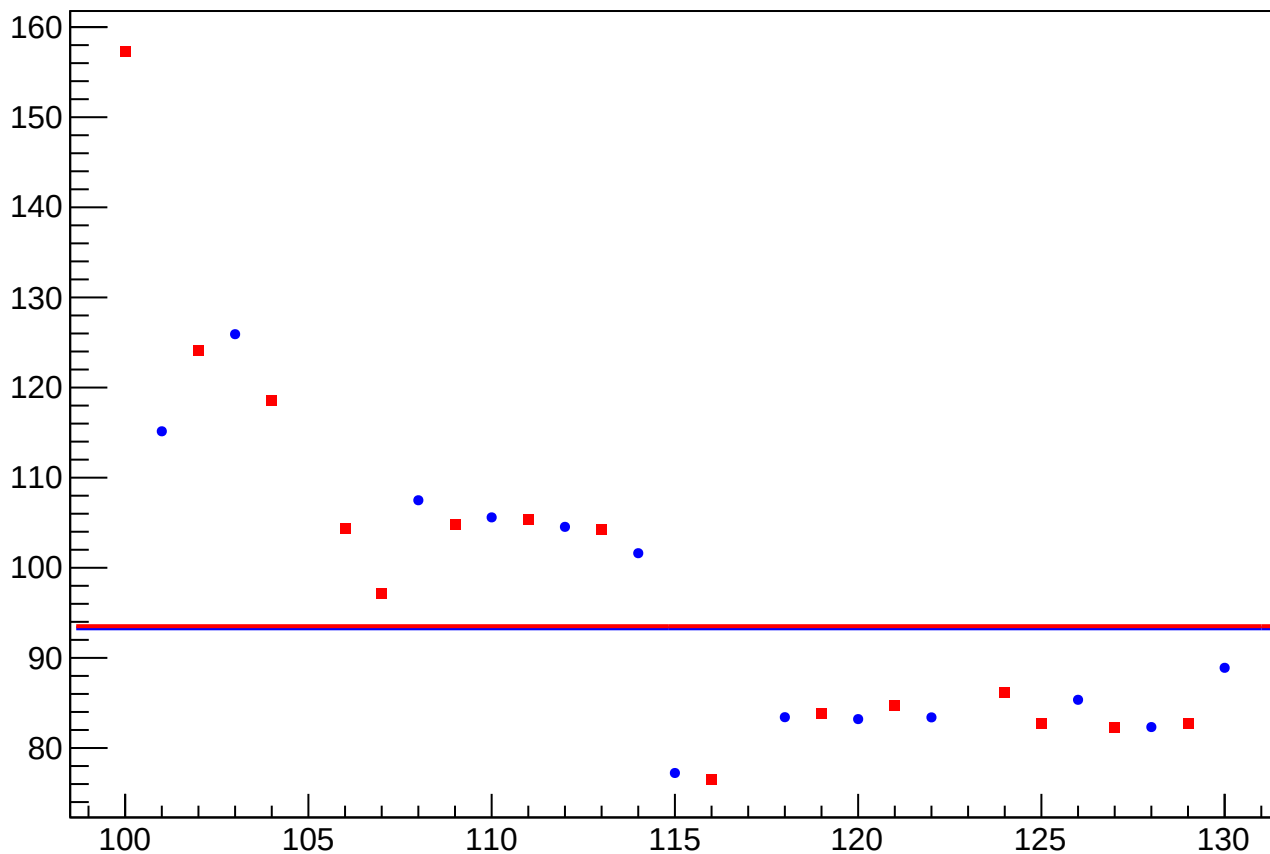
Right: 171.007 $\pm$ 28.058 χ^2 /NDF: 24.1/27

In: 178.436 $\pm$ 40.190 χ^2 /NDF: 9.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 171.007 $\pm$ 28.058 χ^2 /NDF: 24.1/27

eigen_cor_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 93.283+/-0.028 χ^2/NDF : 241173.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.517+/-0.028 χ^2/NDF : 284057.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

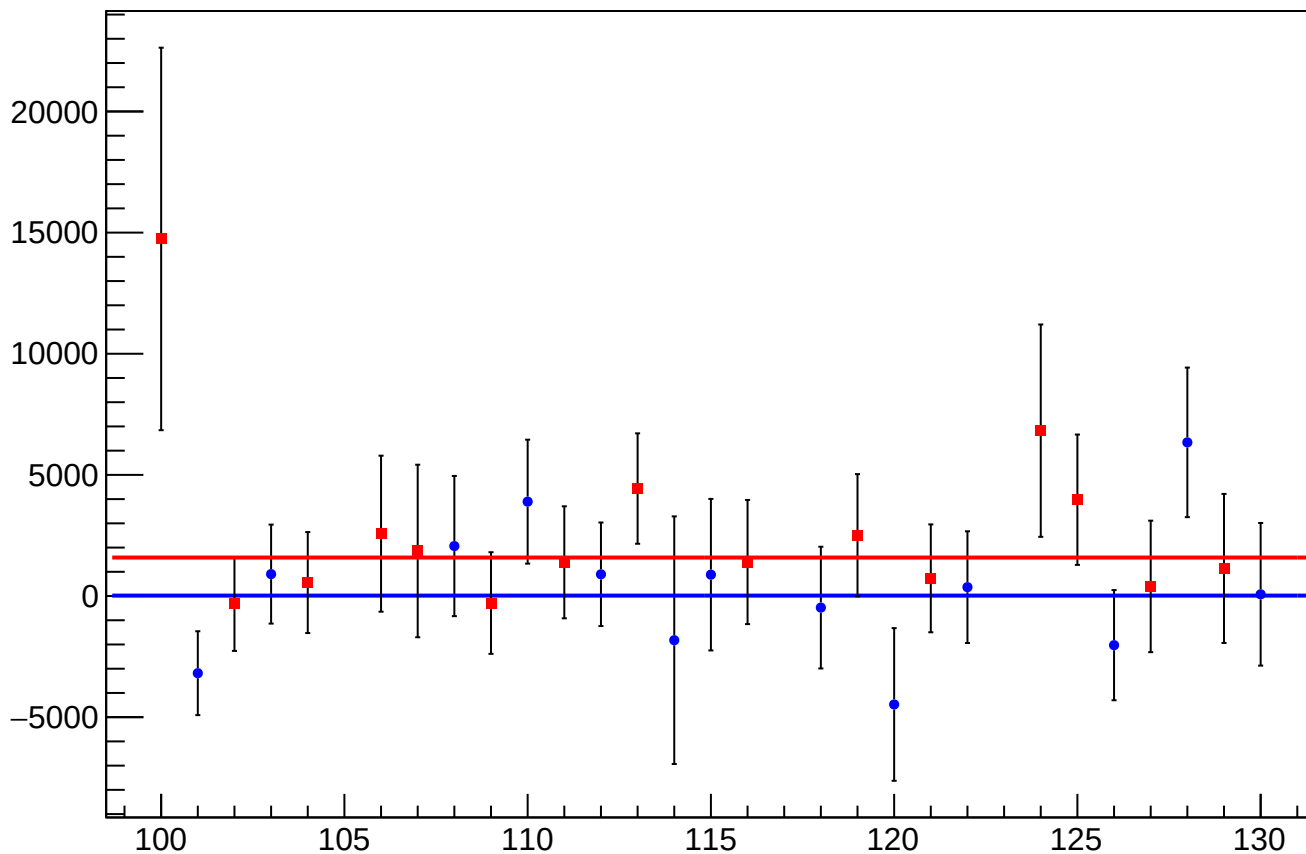
Right: 93.403+/-0.020 χ^2/NDF : 525265.7/27

In: 93.283+/-0.028 χ^2/NDF : 241173.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.403+/-0.020 χ^2/NDF : 525265.7/27

asym_sam_24_68_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 17.834 $\pm$ 695.716 χ^2 /NDF: 13.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1588.623 $\pm$ 668.431 χ^2 /NDF: 9.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

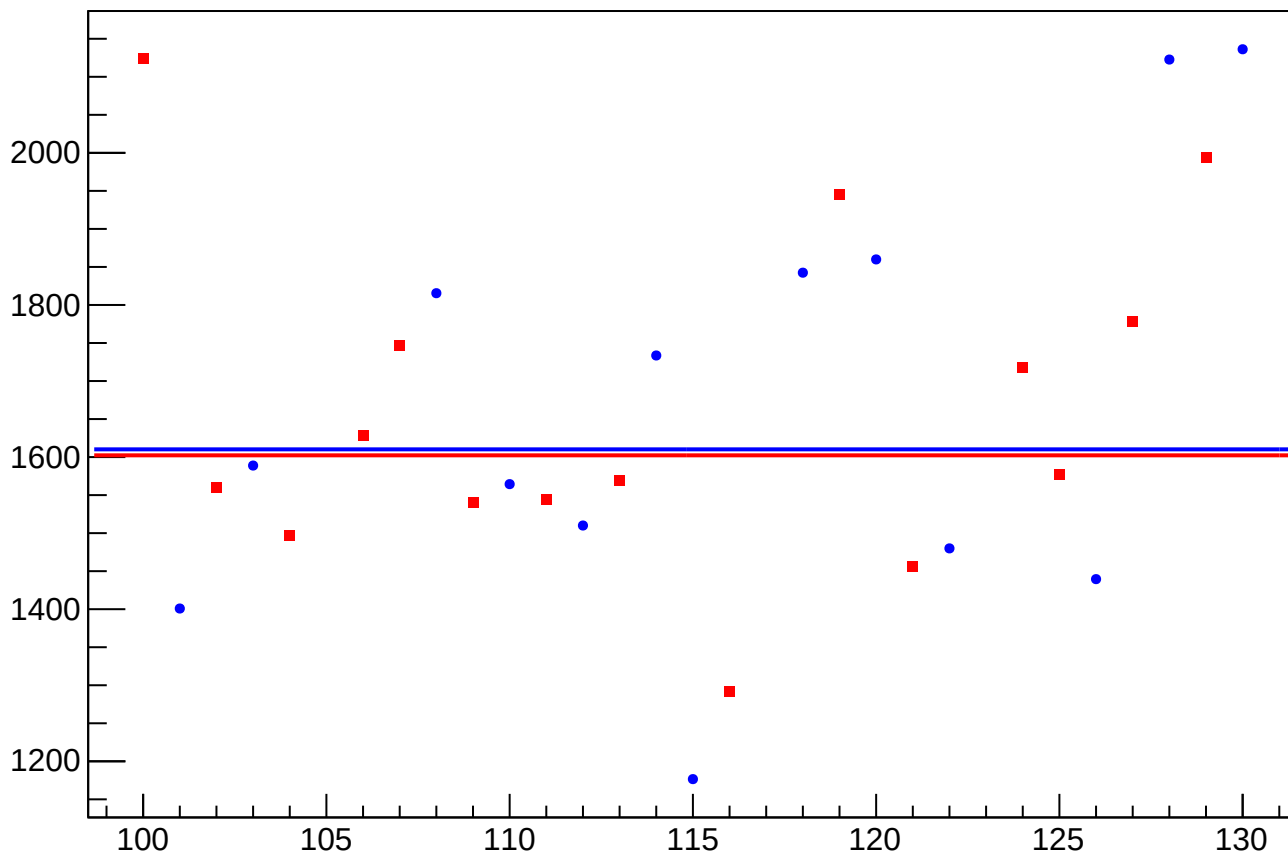
Right: 834.634 $\pm$ 482.009 χ^2 /NDF: 25.7/27

In: 17.834 $\pm$ 695.716 χ^2 /NDF:13.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 834.634 $\pm$ 482.009 χ^2 /NDF: 25.7/27

asym_sam_24_68_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1610.176+/-0.492 χ^2/NDF : 250452.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1602.299+/-0.473 χ^2/NDF : 138894.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

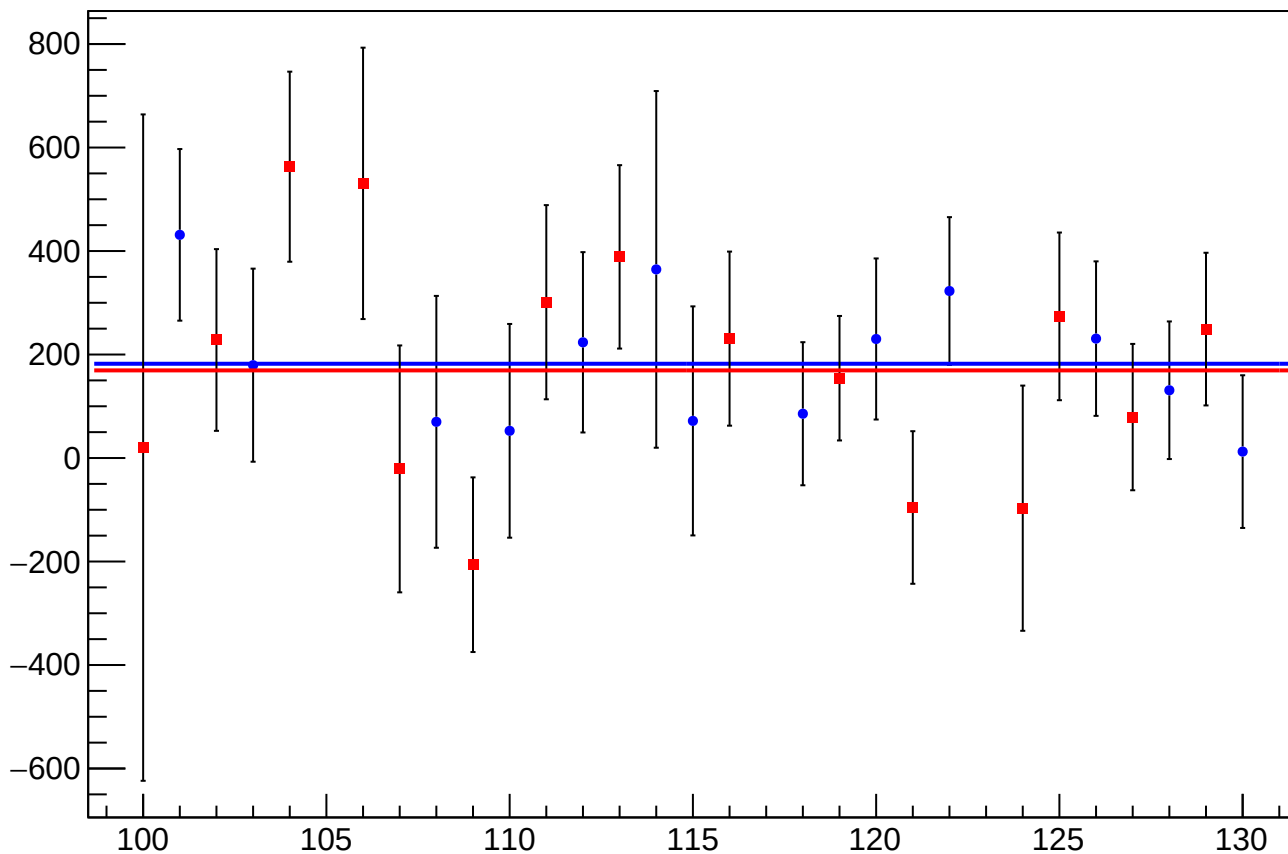
Right: 1606.080+/-0.341 χ^2/NDF : 389480.4/27

In: 1610.176+/-0.492 χ^2/NDF : 250452.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1606.080+/-0.341 χ^2/NDF : 389480.4/27

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 182.172 $\pm$ 46.765 χ^2 /NDF: 6.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 169.336 $\pm$ 44.979 χ^2 /NDF: 20.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

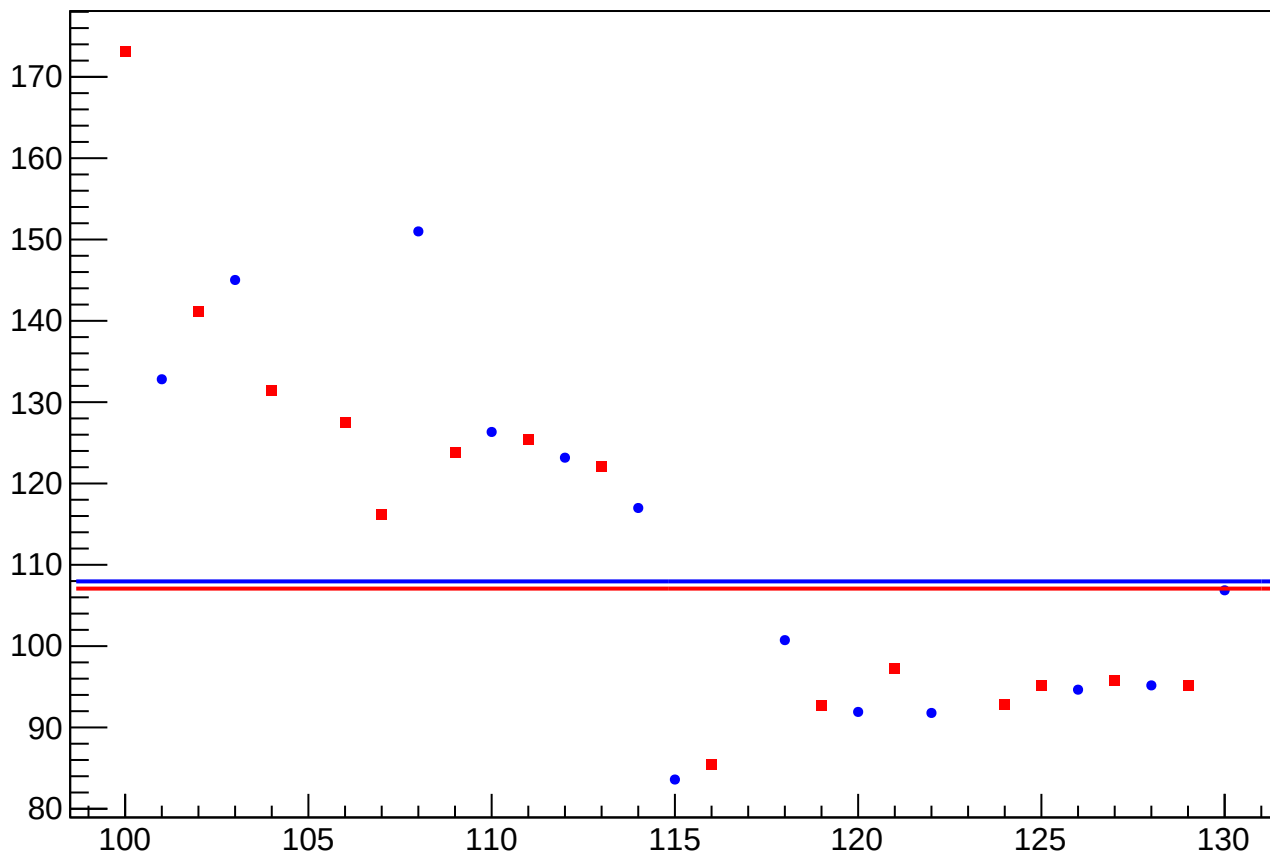
Right: 175.504 $\pm$ 32.418 χ^2 /NDF: 26.6/27

In: 182.172 $\pm$ 46.765 χ^2 /NDF:6.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 175.504 $\pm$ 32.418 χ^2 /NDF: 26.6/27

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 107.961+/-0.033 χ^2/NDF : 330051.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.074+/-0.032 χ^2/NDF : 314155.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

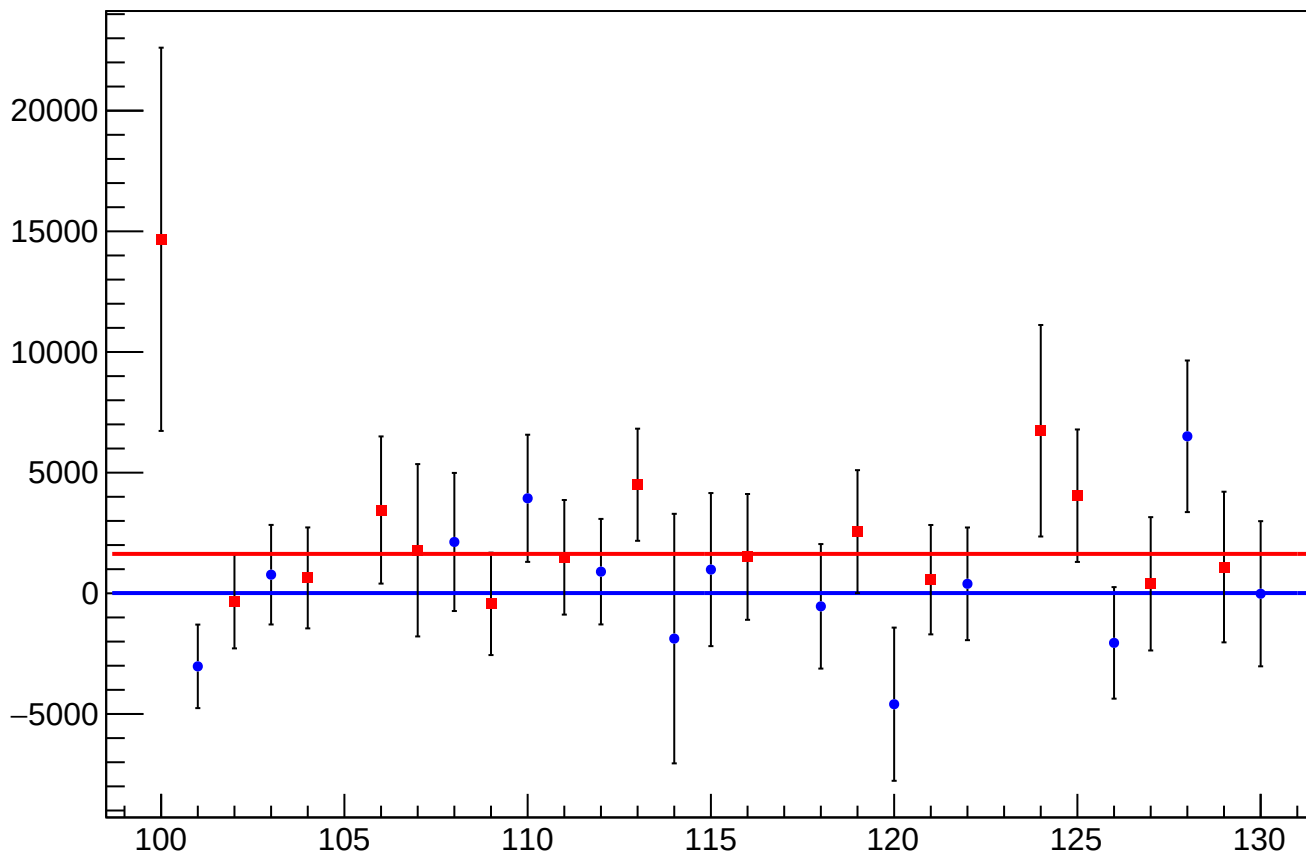
Right: 107.500+/-0.023 χ^2/NDF : 644580.1/27

In: 107.961+/-0.033 χ^2/NDF : 330051.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.500+/-0.023 χ^2/NDF : 644580.1/27

asym_sam_24_68_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 10.540+/-704.795 χ^2/NDF : 13.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1633.527+/-675.429 χ^2/NDF : 9.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

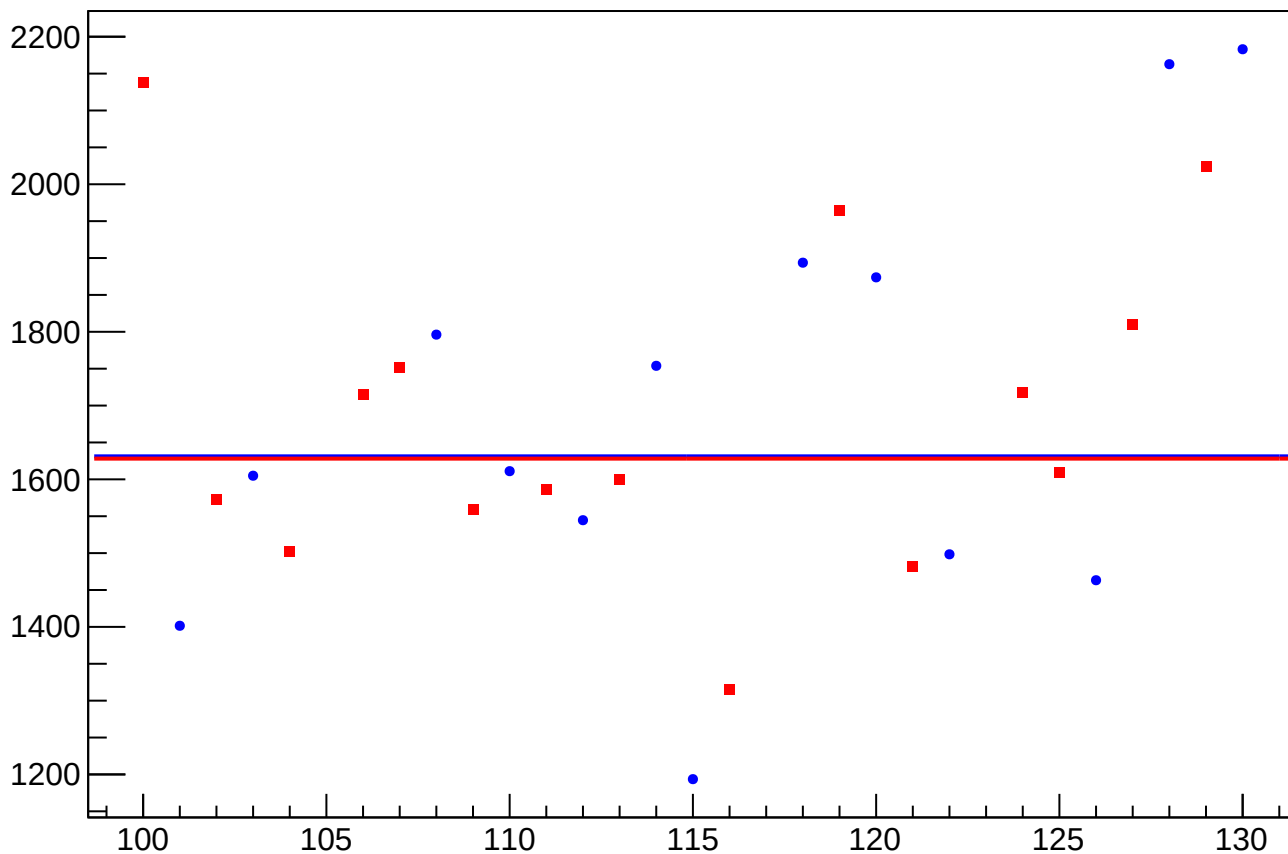
Right: 856.549+/-487.652 χ^2/NDF : 25.9/27

In: 10.540+/-704.795 χ^2/NDF : 13.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 856.549+/-487.652 χ^2/NDF : 25.9/27

asym_sam_24_68_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1631.172+/-0.498 χ^2/NDF : 258664.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1628.082+/-0.478 χ^2/NDF : 137784.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

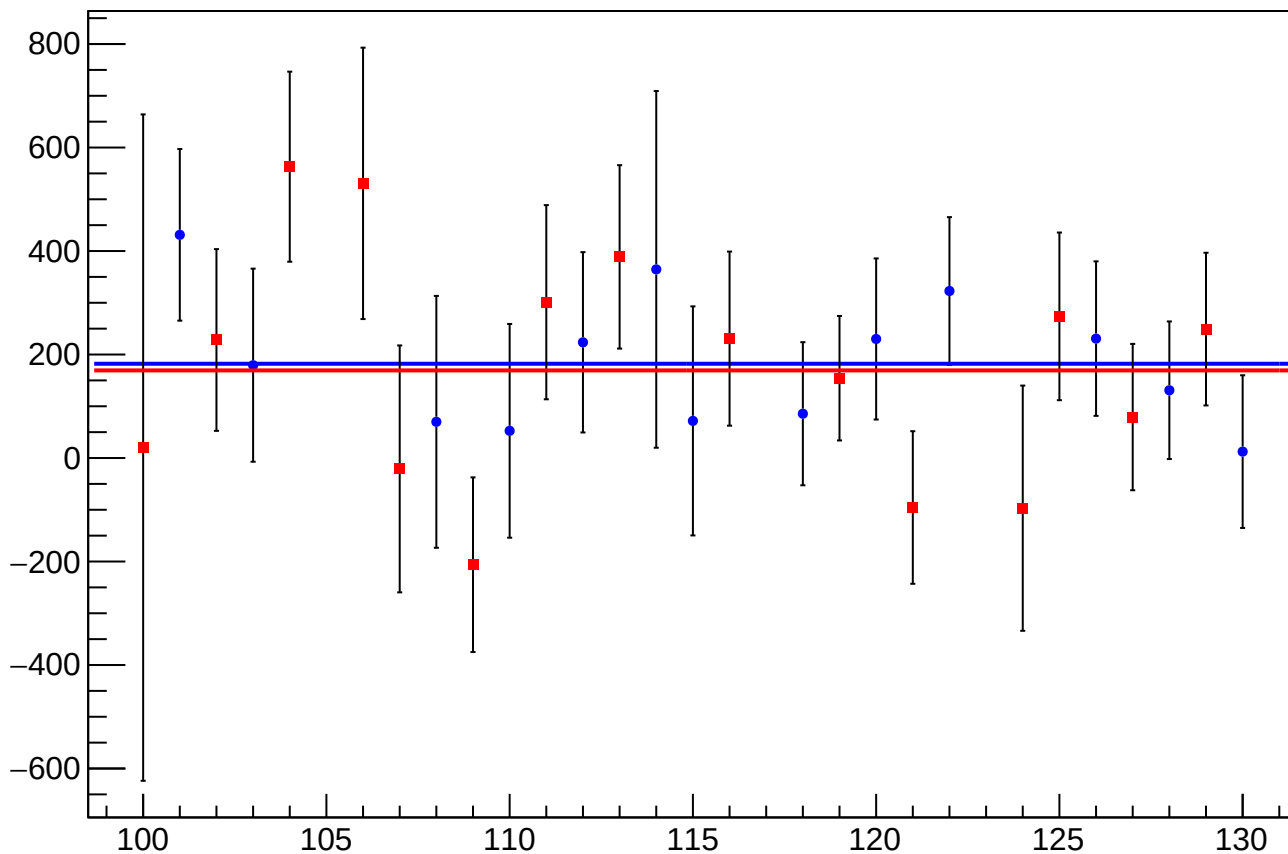
Right: 1629.561+/-0.345 χ^2/NDF : 396468.4/27

In: 1631.172+/-0.498 χ^2/NDF : 258664.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1629.561+/-0.345 χ^2/NDF : 396468.4/27

eigen_dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 182.171 $\pm$ 46.765 χ^2 /NDF: 6.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 169.333 $\pm$ 44.979 χ^2 /NDF: 20.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

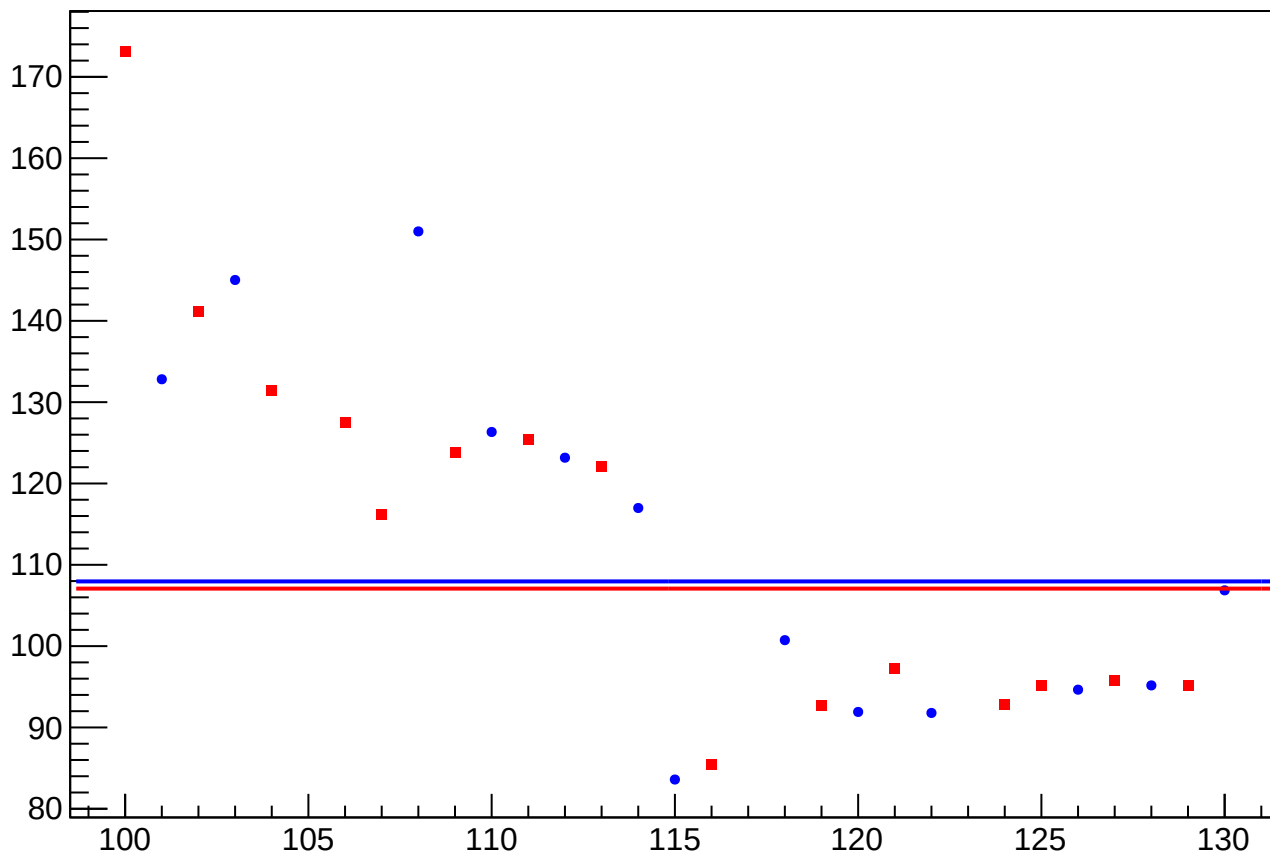
Right: 175.502 $\pm$ 32.418 χ^2 /NDF: 26.6/27

In: 182.171 $\pm$ 46.765 χ^2 /NDF:6.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 175.502 $\pm$ 32.418 χ^2 /NDF: 26.6/27

eigen_dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 107.959+/-0.033 χ^2/NDF : 330054.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.074+/-0.032 χ^2/NDF : 314156.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

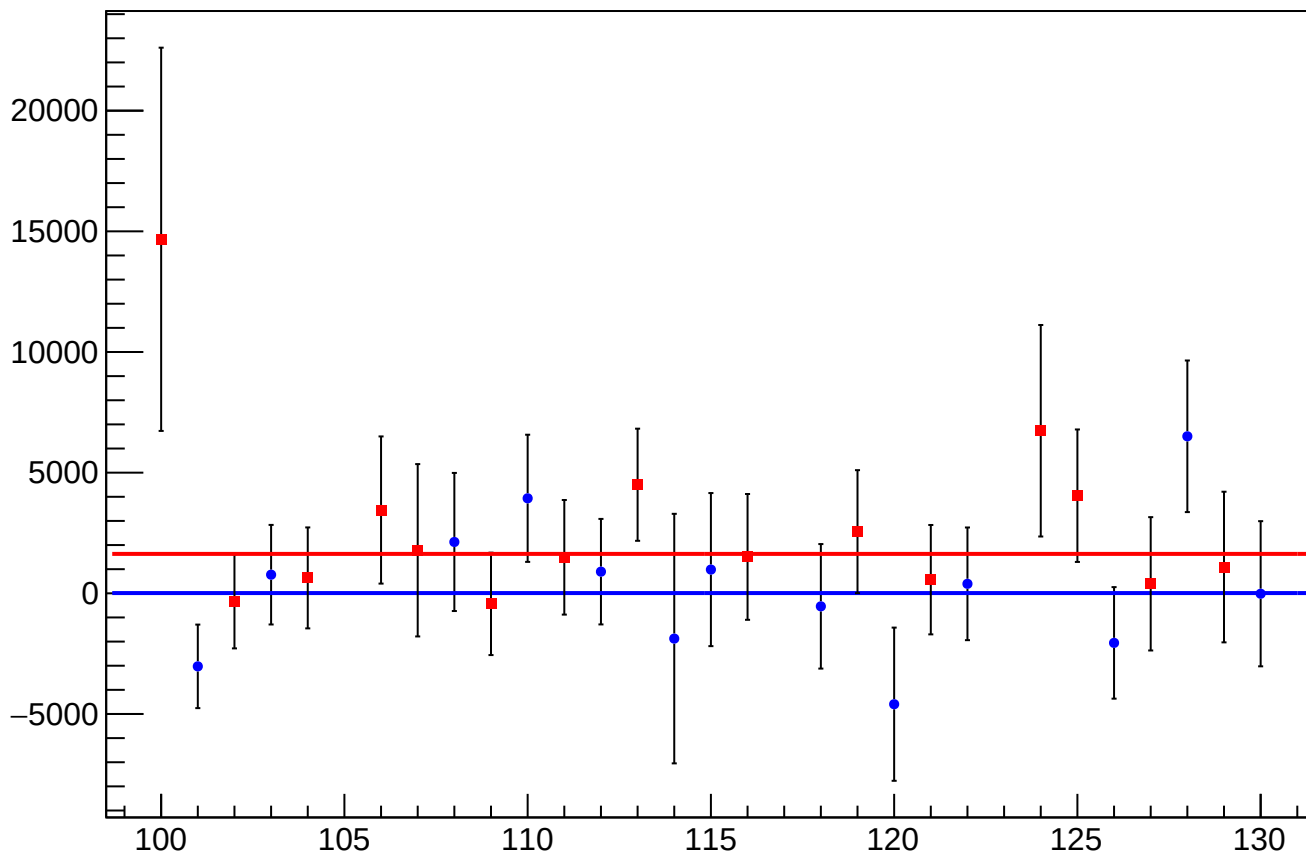
Right: 107.499+/-0.023 χ^2/NDF : 644583.3/27

In: 107.959+/-0.033 χ^2/NDF : 330054.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.499+/-0.023 χ^2/NDF : 644583.3/27

asym_sam_24_68_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 10.543+/-704.794 χ^2/NDF : 13.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1633.524+/-675.428 χ^2/NDF : 9.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

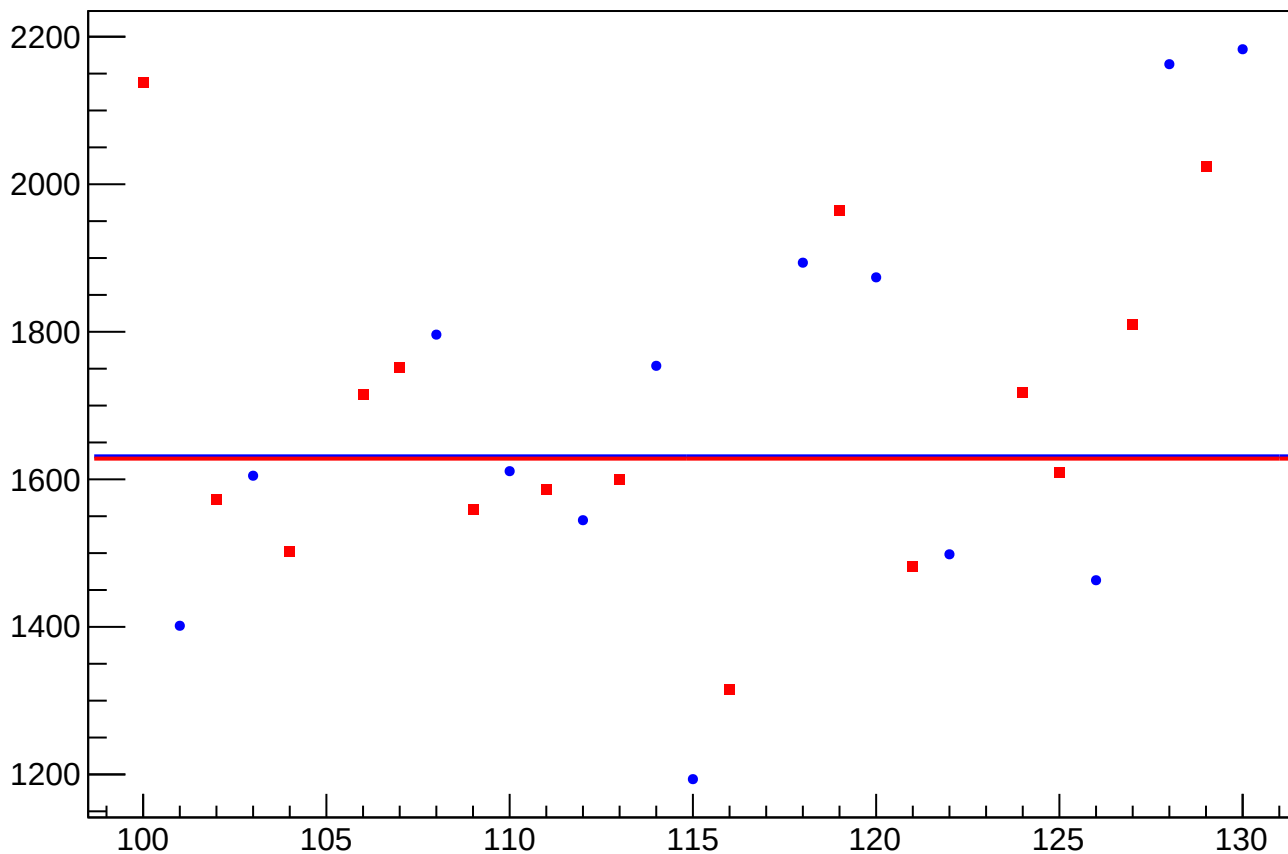
Right: 856.549+/-487.651 χ^2/NDF : 25.9/27

In: 10.543+/-704.794 χ^2/NDF : 13.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 856.549+/-487.651 χ^2/NDF : 25.9/27

asym_sam_24_68_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1631.169+/-0.498 χ^2/NDF : 258662.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1628.079+/-0.478 χ^2/NDF : 137784.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

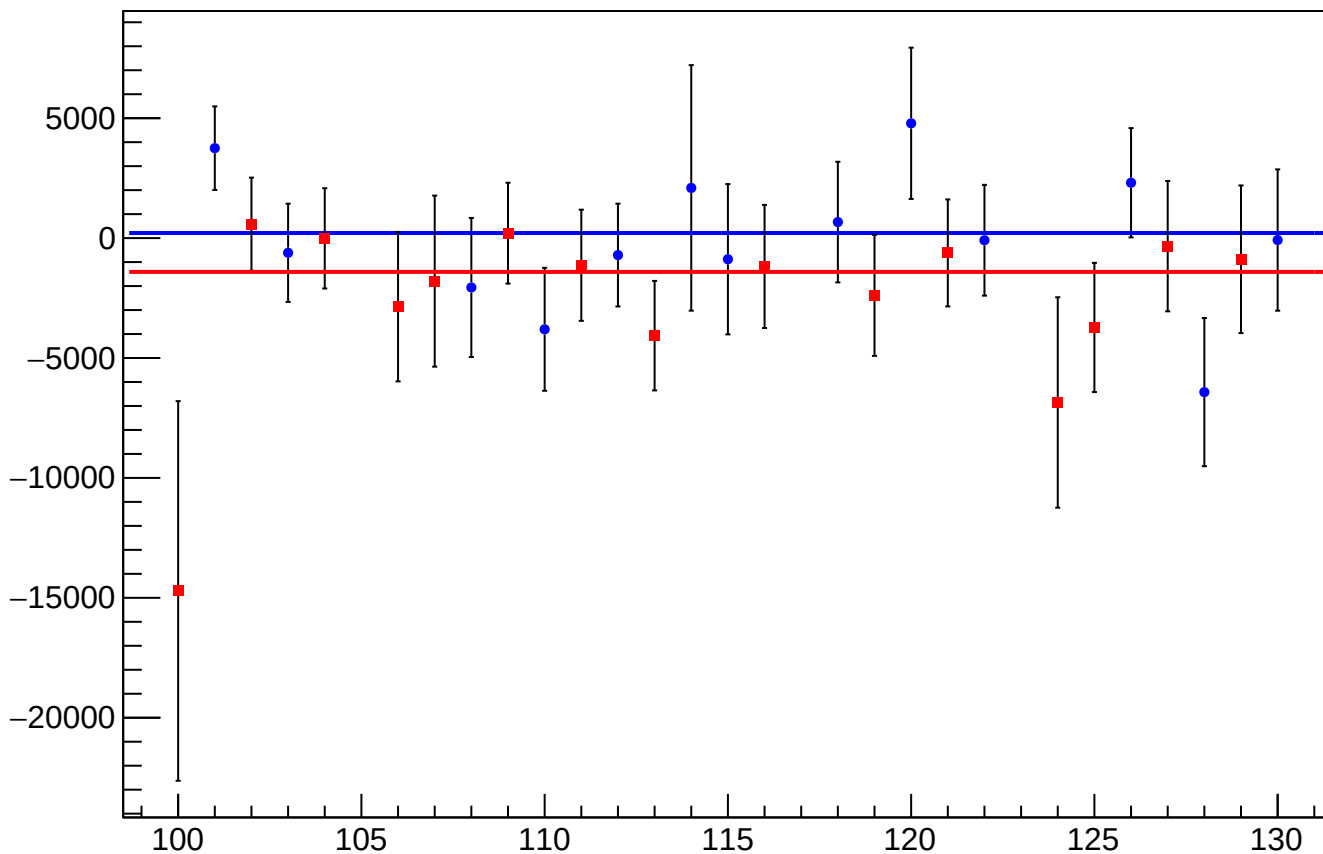
Right: 1629.558+/-0.345 χ^2/NDF : 396466.6/27

In: 1631.169+/-0.498 χ^2/NDF : 258662.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1629.558+/-0.345 χ^2/NDF : 396466.6/27

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 212.435+/-697.478 χ^2/NDF : 15.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1408.696+/-668.776 χ^2/NDF : 9.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

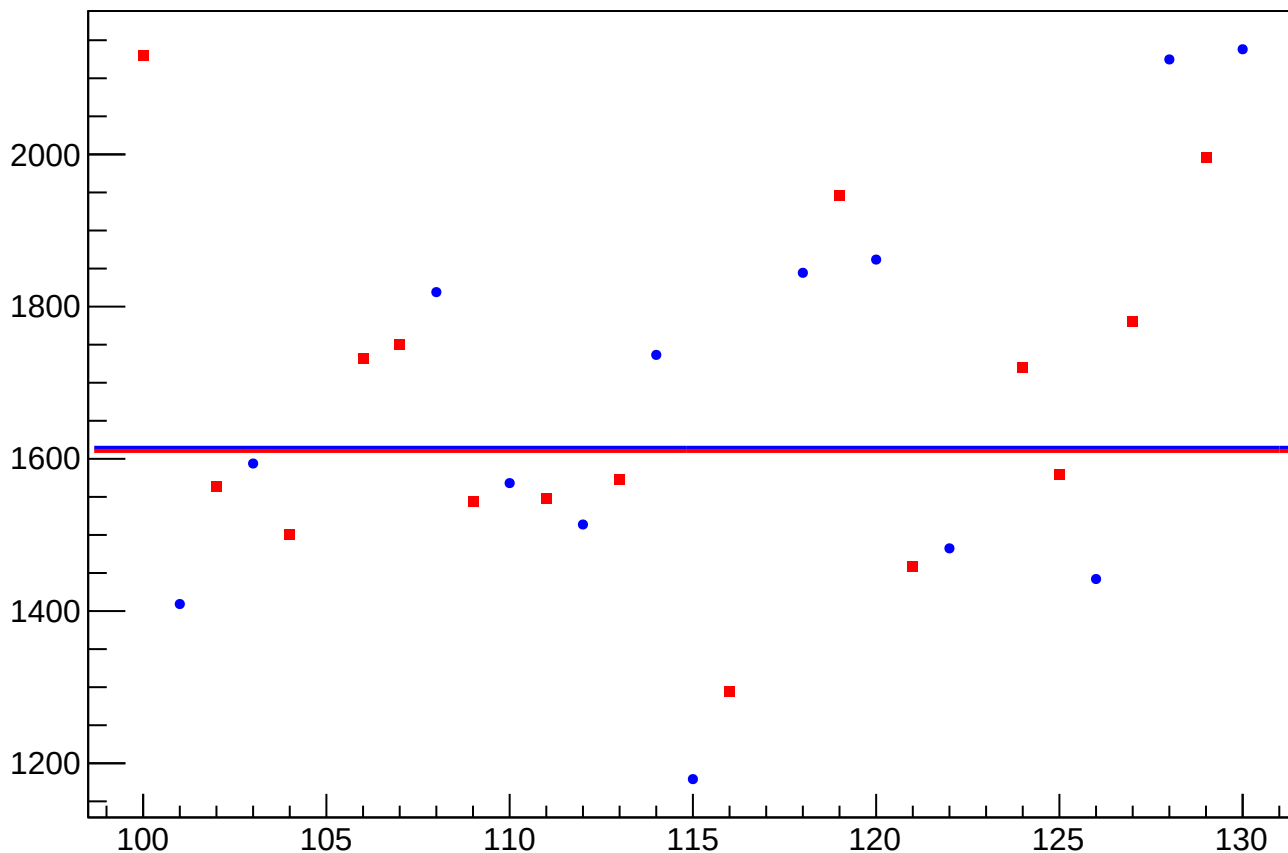
Right: -632.173+/-482.724 χ^2/NDF : 27.5/27

In: 212.435+/-697.478 χ^2/NDF :15.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -632.173+/-482.724 χ^2/NDF : 27.5/27

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1614.527+/-0.493 χ^2/NDF : 247464.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1610.399+/-0.473 χ^2/NDF : 140953.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

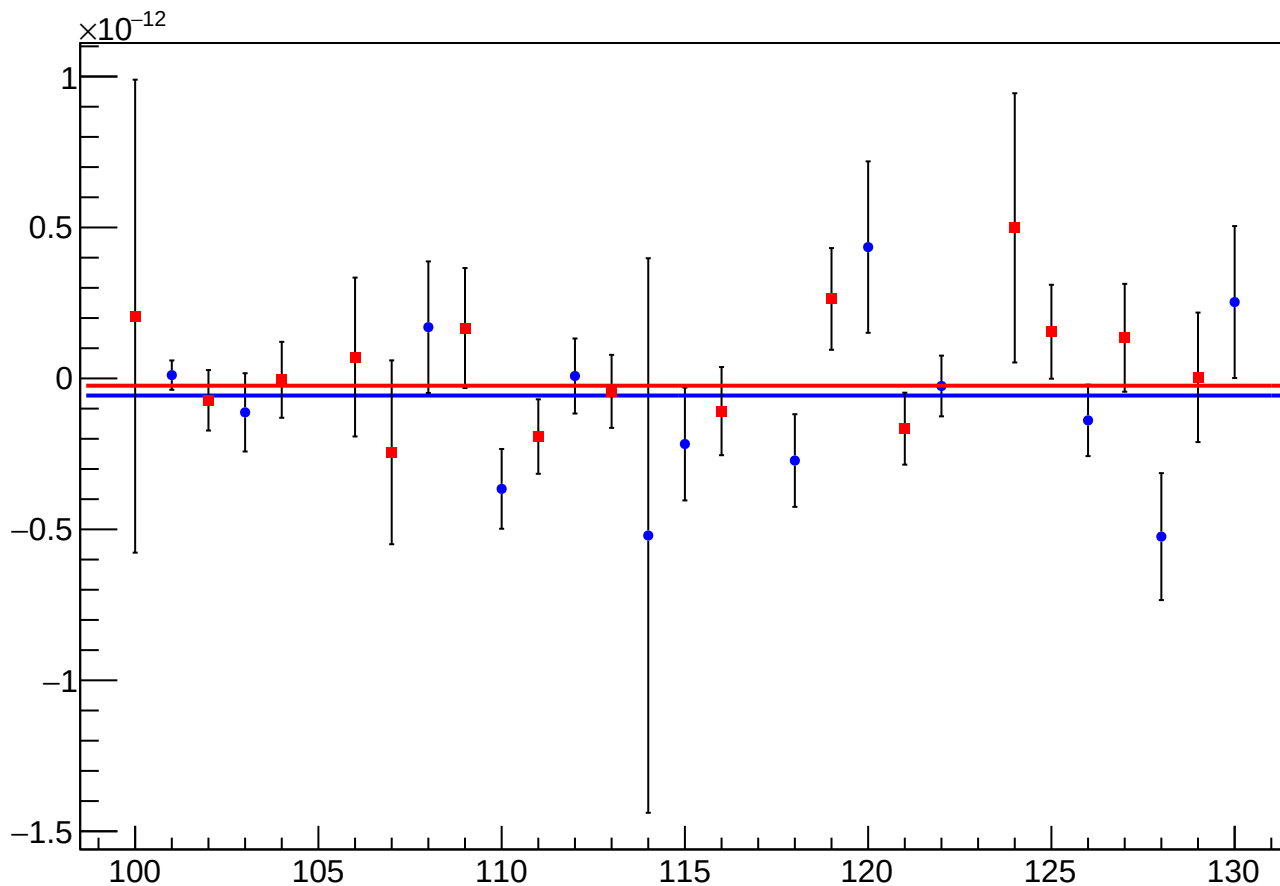
Right: 1612.376+/-0.341 χ^2/NDF : 388454.1/27

In: 1614.527+/-0.493 χ^2/NDF : 247464.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1612.376+/-0.341 χ^2/NDF : 388454.1/27

asym_sam_24_68_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 21.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

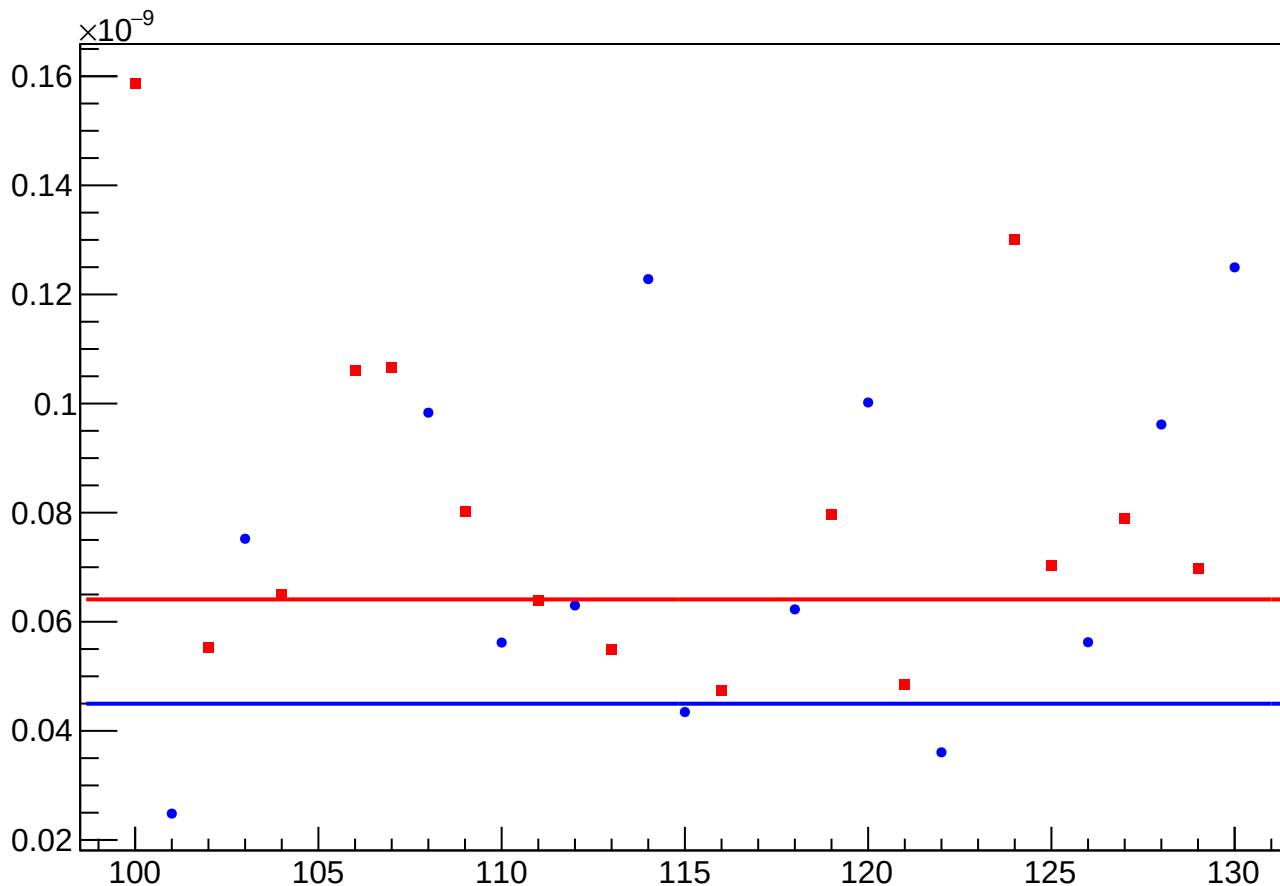
Right: -0.000+/-0.000 χ^2/NDF : 34.3/27

In: -0.000+/-0.000 χ^2/NDF : 21.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 34.3/27

asym_sam_24_68_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1099288.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 298402.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

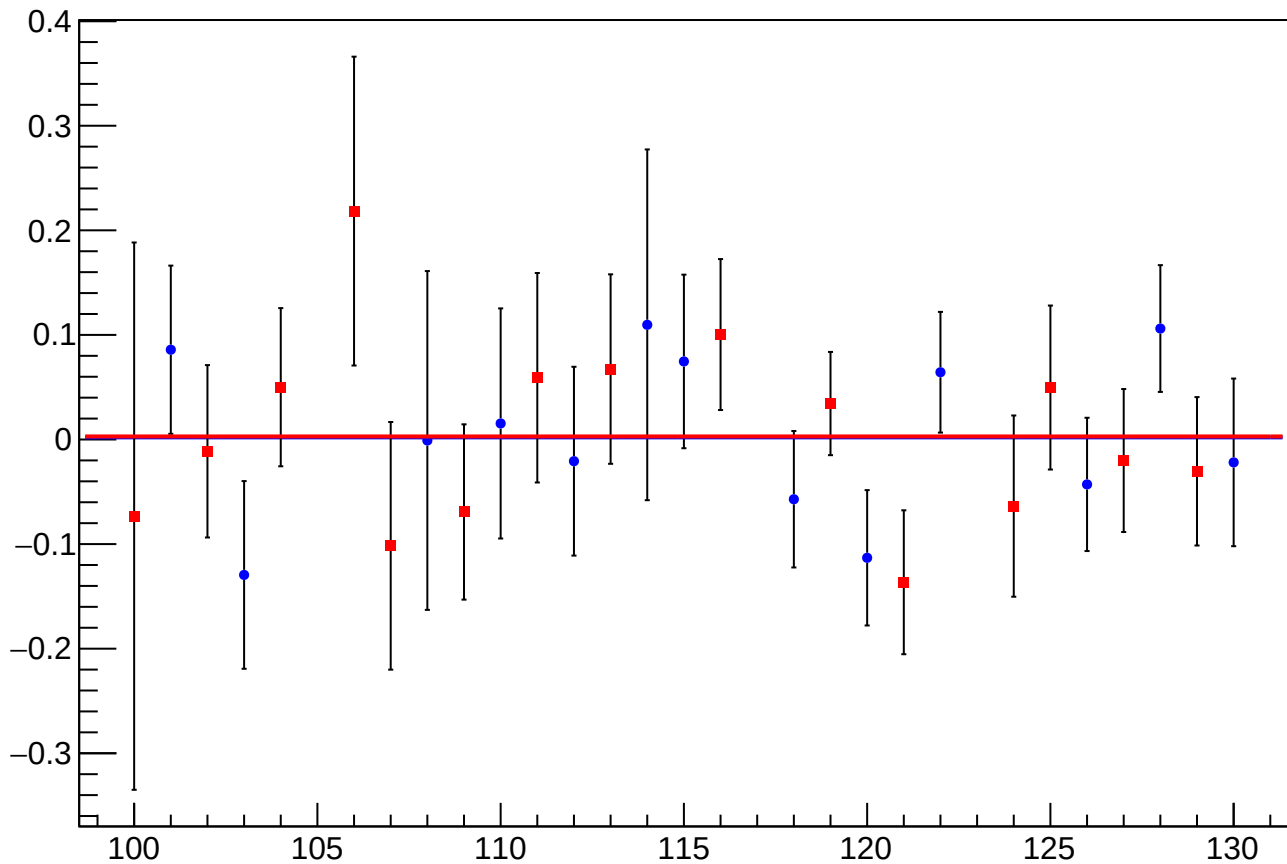
Right: 0.000+/-0.000 χ^2/NDF : 1663579.3/27

In: 0.000+/-0.000 χ^2/NDF : 1099288.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1663579.3/27

asym_sam_24_68_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.022 χ^2 /NDF: 13.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.021 χ^2 /NDF: 12.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

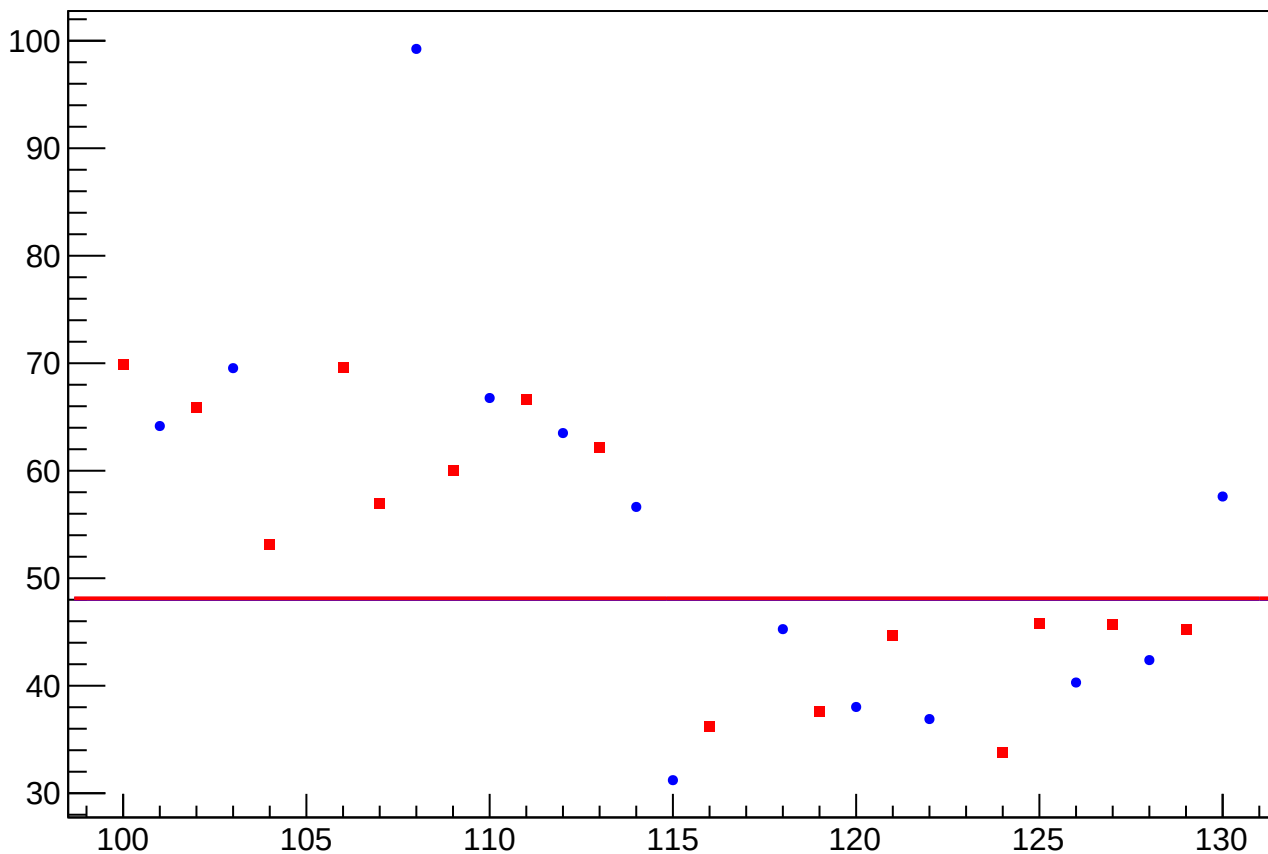
Right: 0.002 $\pm$ 0.015 χ^2 /NDF: 25.8/27

In: 0.002 $\pm$ 0.022 χ^2 /NDF:13.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.015 χ^2 /NDF: 25.8/27

asym_sam_24_68_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.075+/-0.015 χ^2/NDF : 800678.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.121+/-0.015 χ^2/NDF : 538445.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

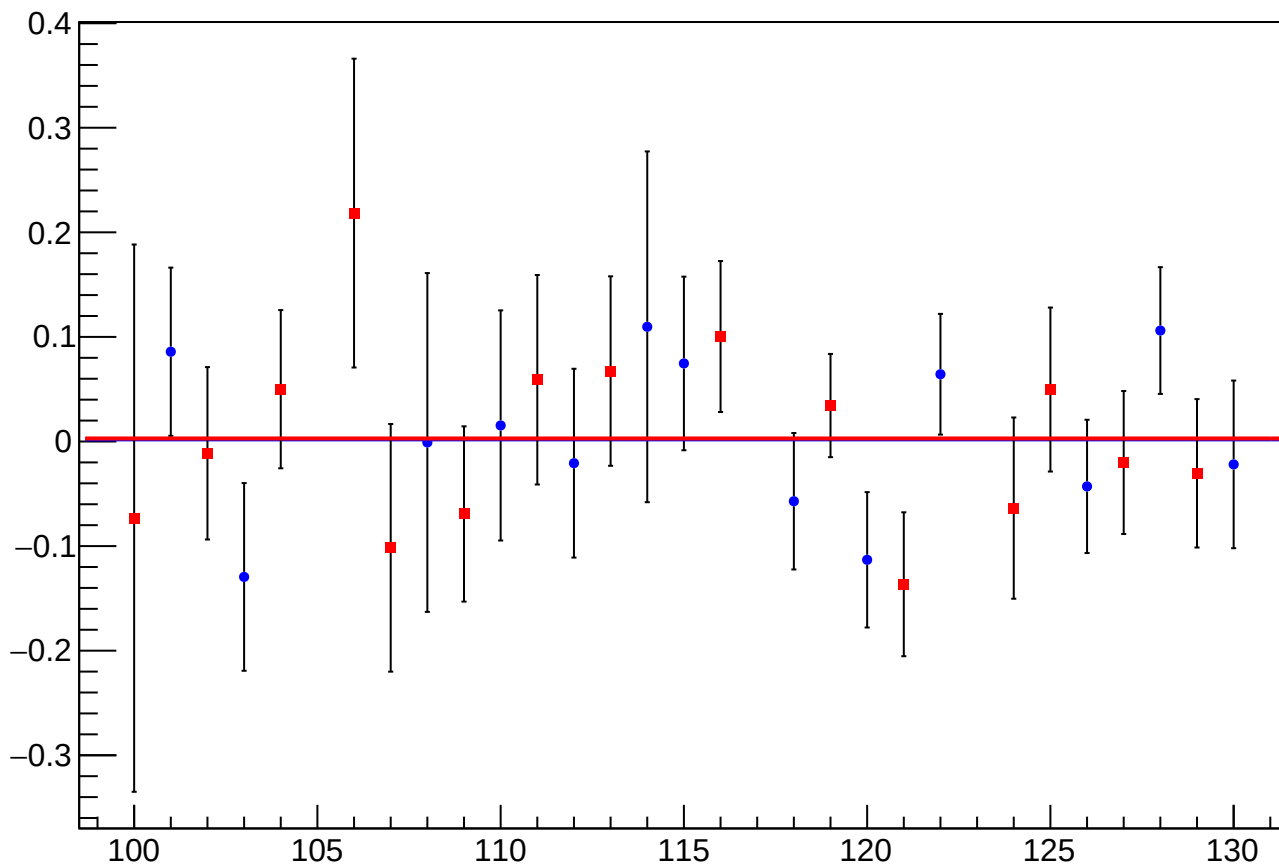
Right: 48.099+/-0.011 χ^2/NDF : 1339129.0/27

In: 48.075+/-0.015 χ^2/NDF : 800678.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.099+/-0.011 χ^2/NDF : 1339129.0/27

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002+/-0.022 χ^2/NDF : 13.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.021 χ^2/NDF : 12.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

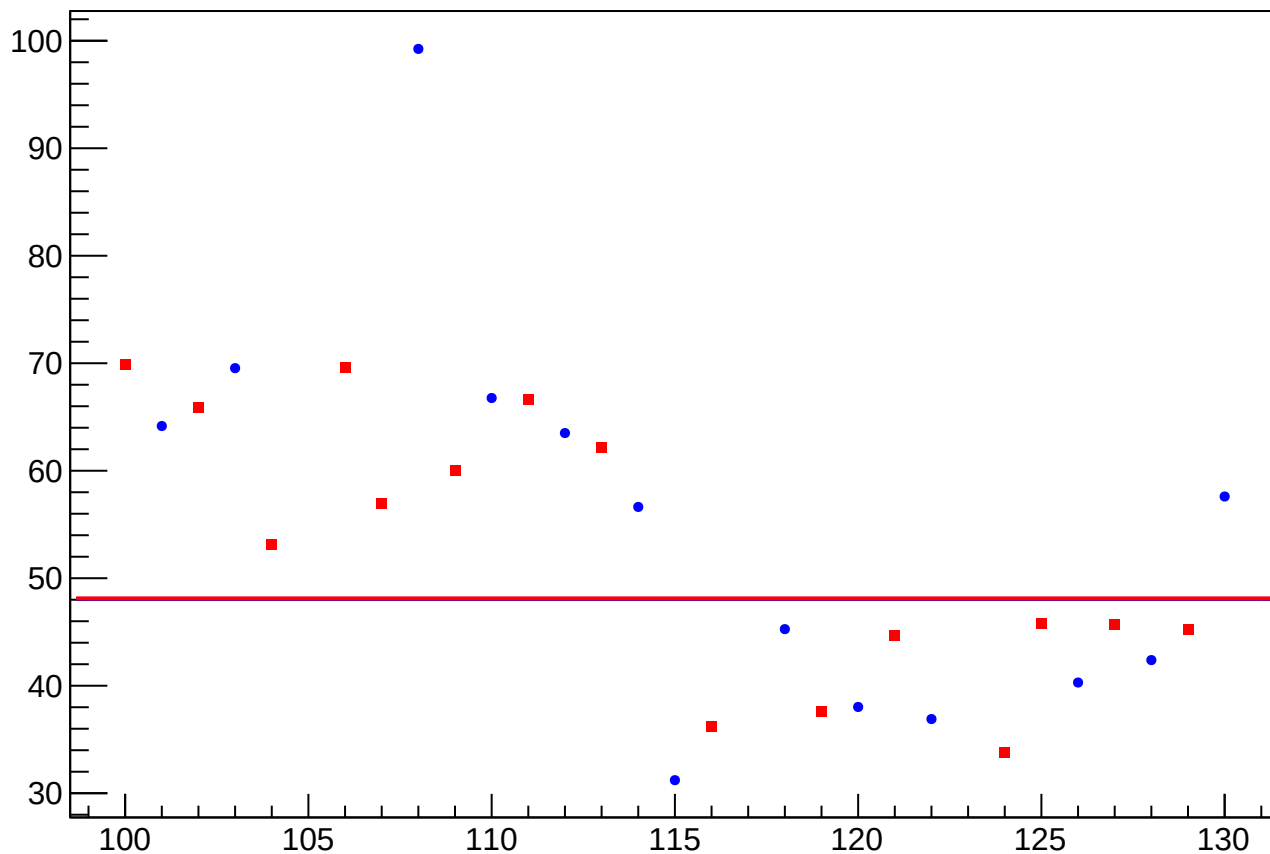
Right: 0.002+/-0.015 χ^2/NDF : 25.8/27

In: 0.002+/-0.022 χ^2/NDF : 13.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.015 χ^2/NDF : 25.8/27

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.075+/-0.015 χ^2/NDF : 800678.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.121+/-0.015 χ^2/NDF : 538445.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

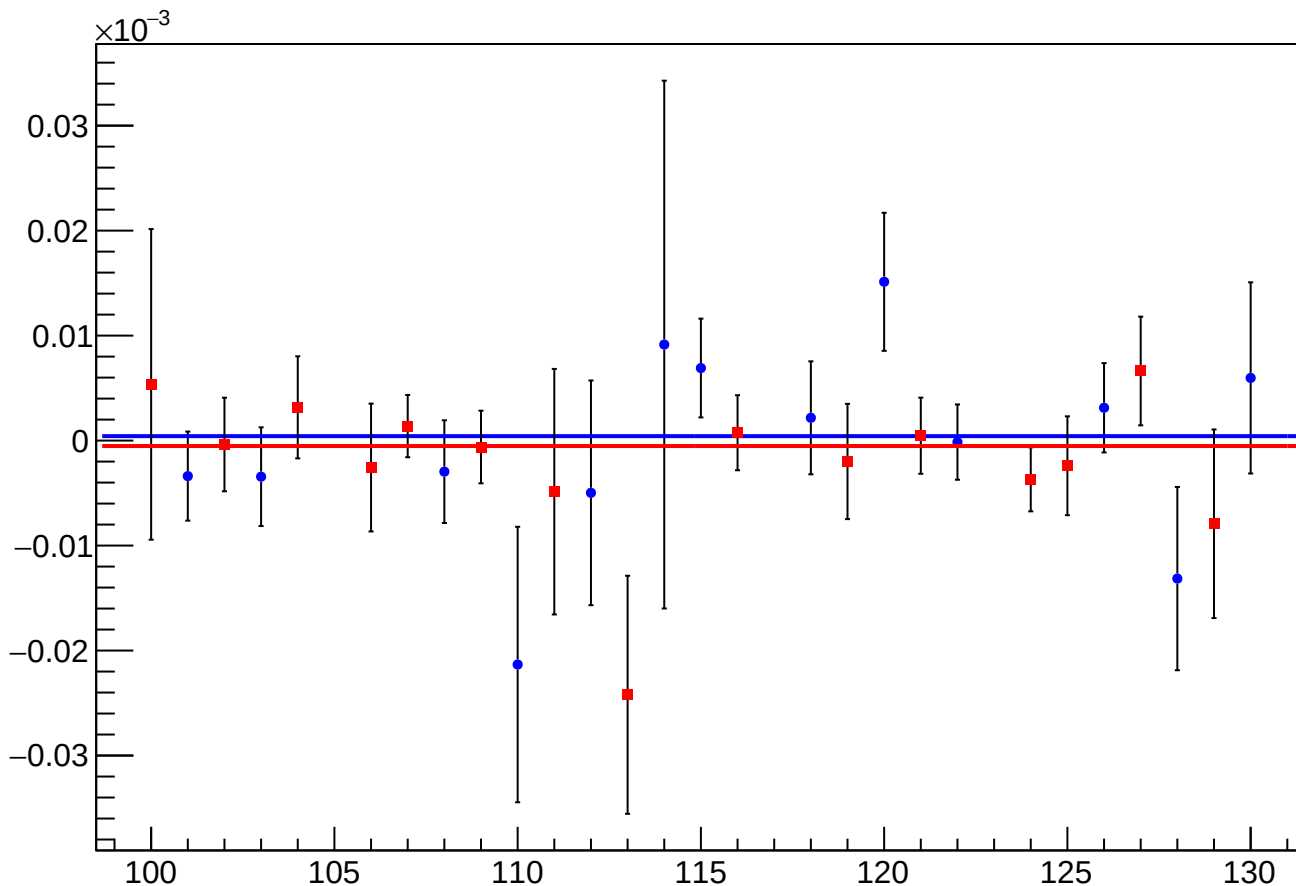
Right: 48.099+/-0.011 χ^2/NDF : 1339129.0/27

In: 48.075+/-0.015 χ^2/NDF : 800678.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.099+/-0.011 χ^2/NDF : 1339129.0/27

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

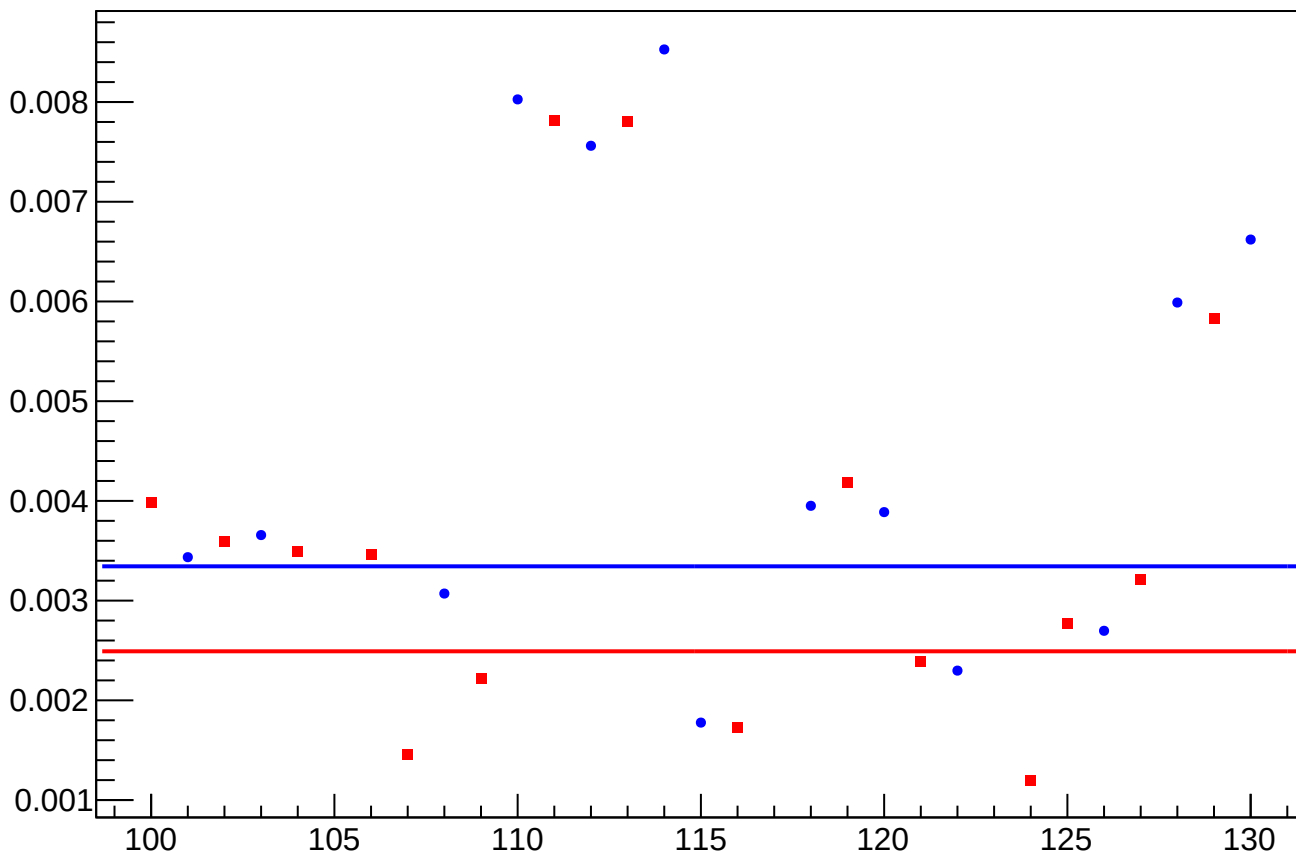
Right: -0.000+/-0.000 χ^2/NDF : 25.4/27

In: 0.000+/-0.000 χ^2/NDF : 15.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.4/27

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1586579.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2353085.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

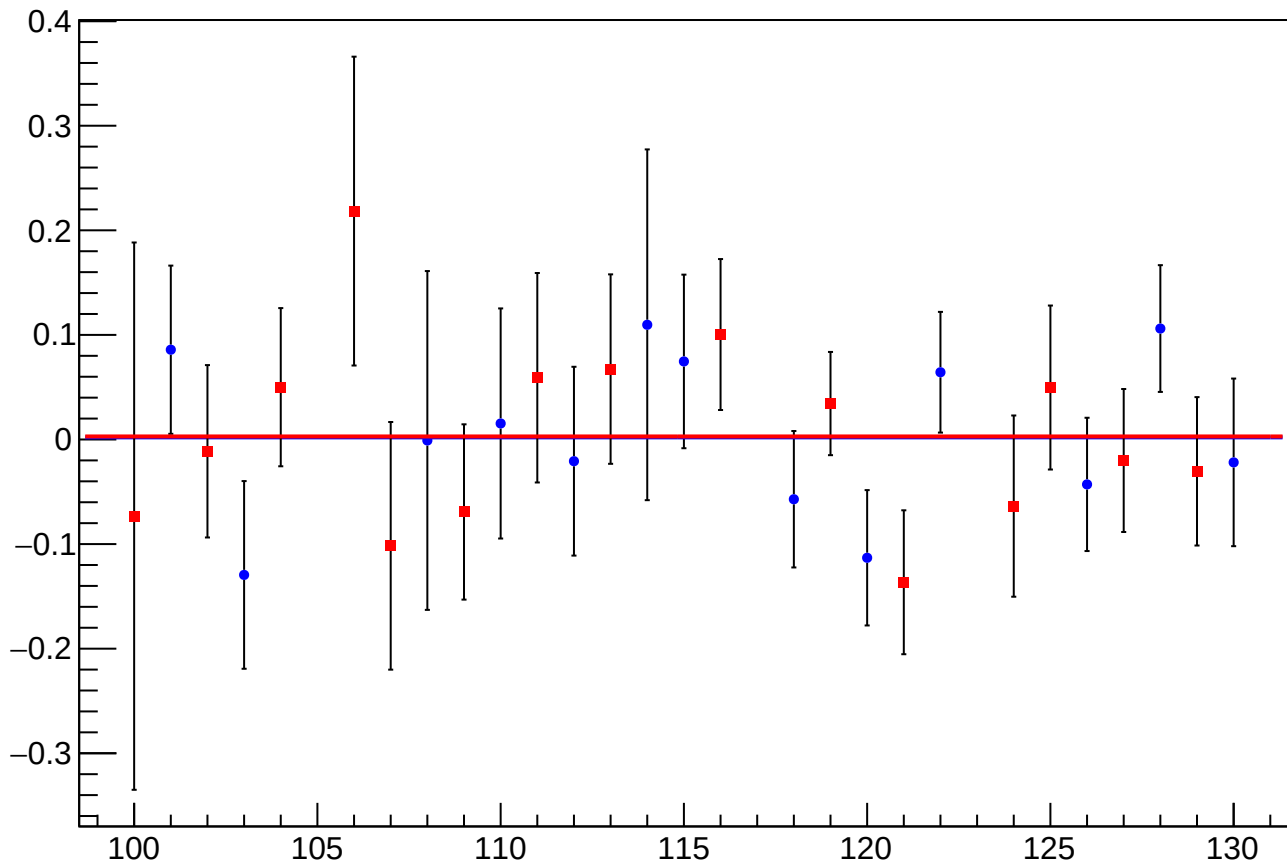
Right: 0.003+/-0.000 χ^2/NDF : 4326081.9/27

In: 0.003+/-0.000 χ^2/NDF :1586579.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 4326081.9/27

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002+/-0.022 χ^2/NDF : 13.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.021 χ^2/NDF : 12.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

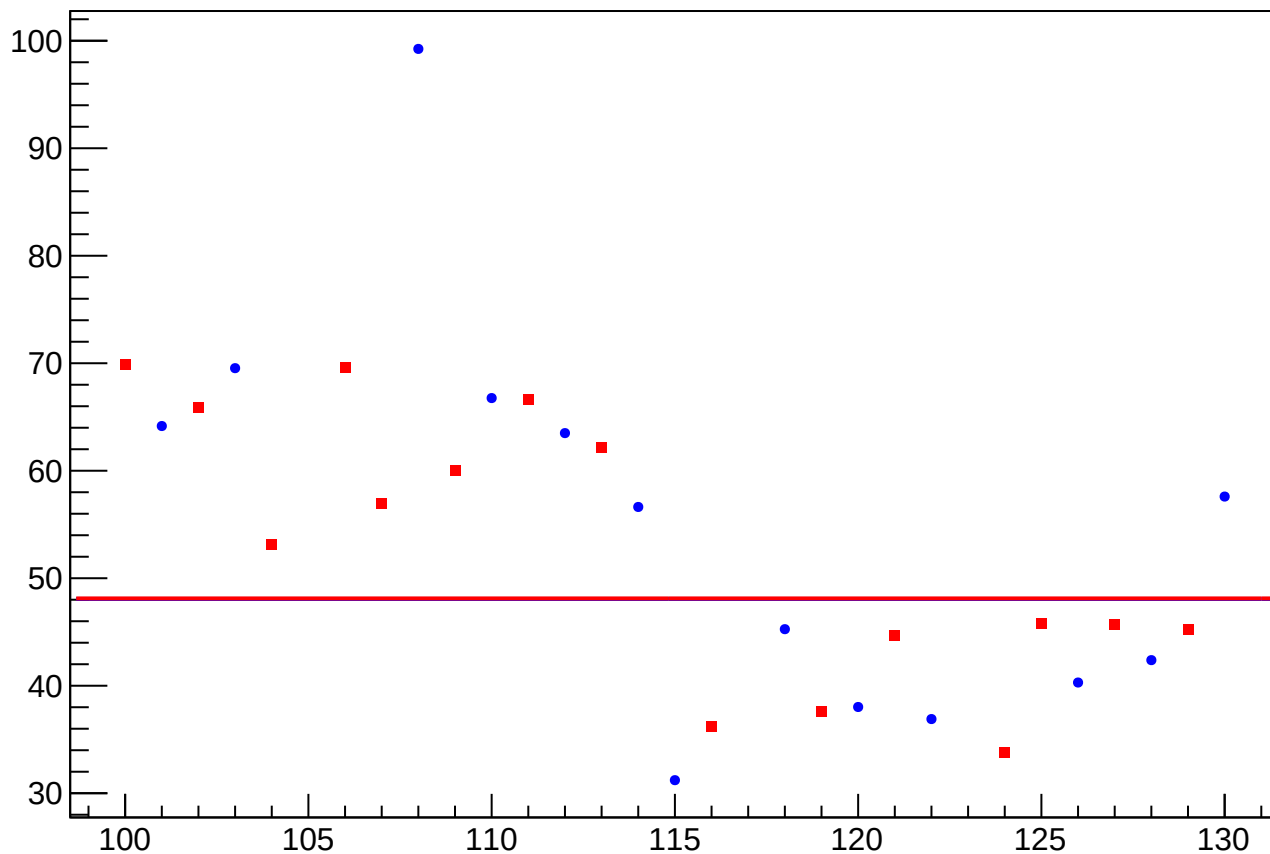
Right: 0.002+/-0.015 χ^2/NDF : 25.8/27

In: 0.002+/-0.022 χ^2/NDF : 13.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.015 χ^2/NDF : 25.8/27

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.073+/-0.015 χ^2/NDF : 800658.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.119+/-0.015 χ^2/NDF : 538446.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

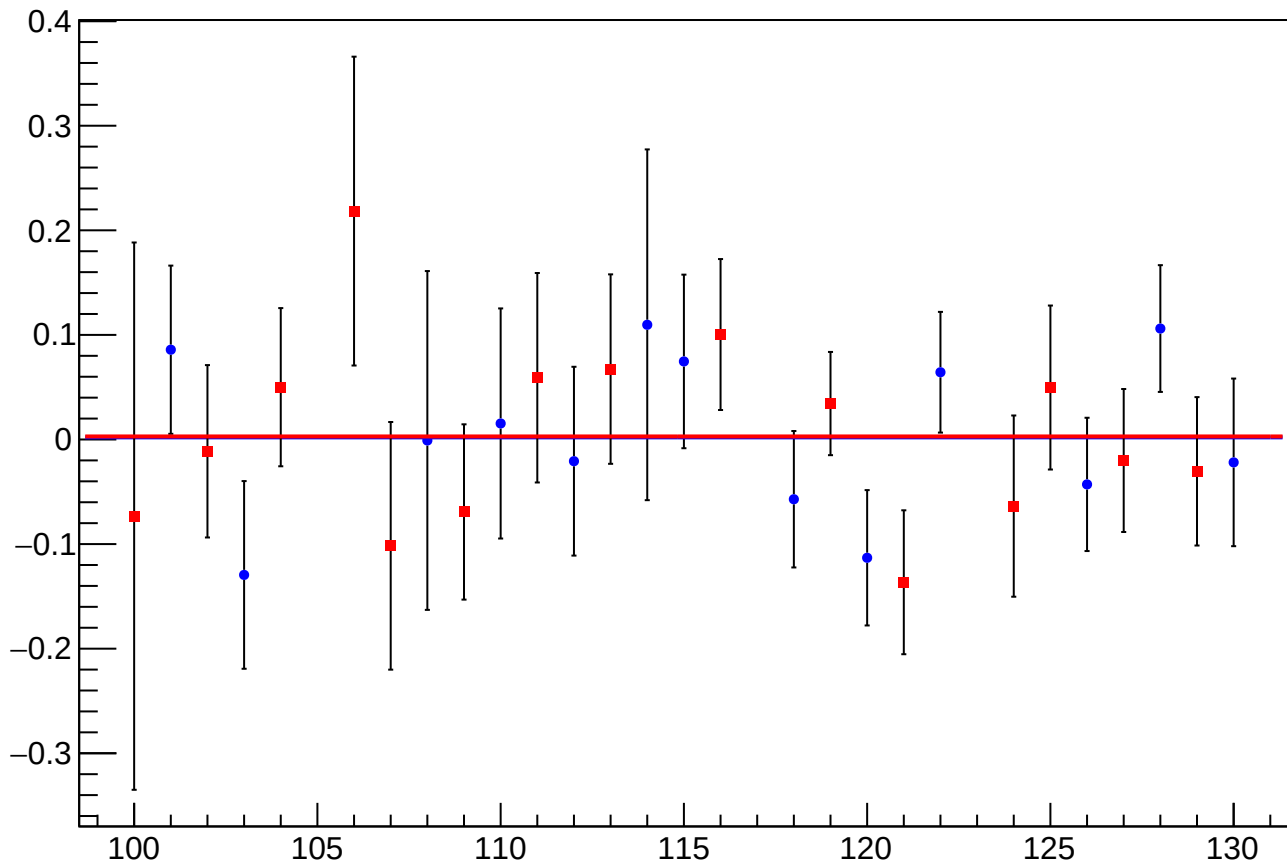
Right: 48.097+/-0.011 χ^2/NDF : 1339109.7/27

In: 48.073+/-0.015 χ^2/NDF : 800658.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.097+/-0.011 χ^2/NDF : 1339109.7/27

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002+/-0.022 χ^2/NDF : 13.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.021 χ^2/NDF : 12.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

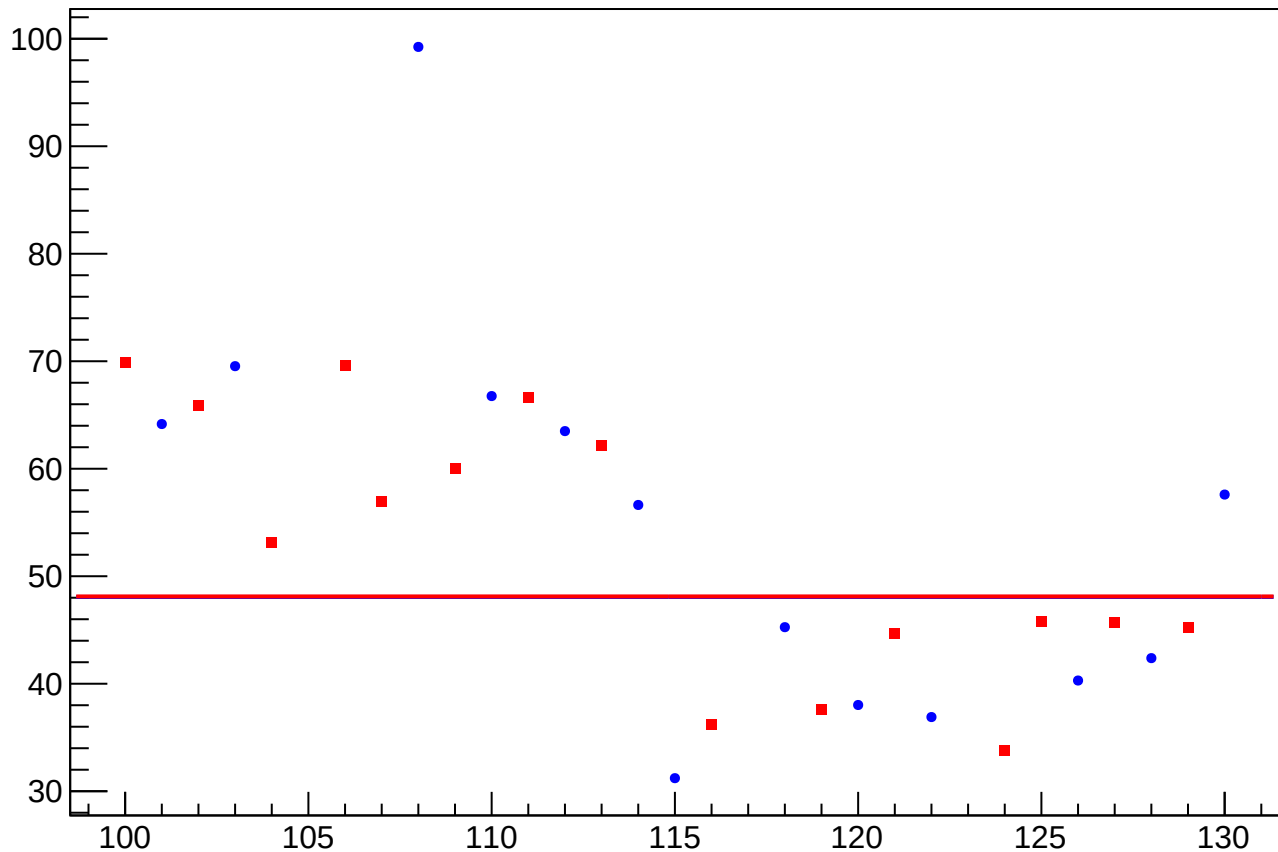
Right: 0.002+/-0.015 χ^2/NDF : 25.8/27

In: 0.002+/-0.022 χ^2/NDF : 13.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.015 χ^2/NDF : 25.8/27

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.073+/-0.015 χ^2/NDF : 800658.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.119+/-0.015 χ^2/NDF : 538446.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

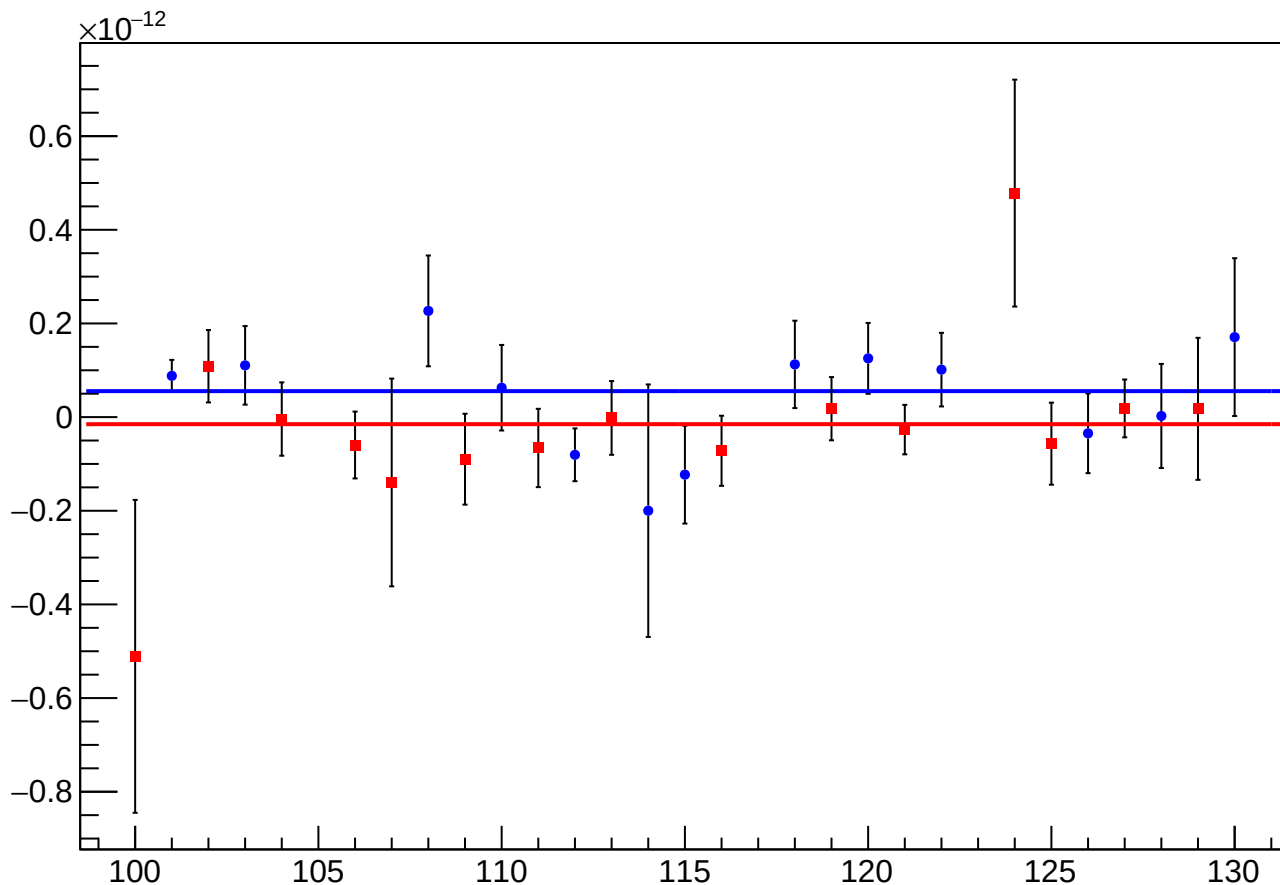
Right: 48.097+/-0.011 χ^2/NDF : 1339109.7/27

In: 48.073+/-0.015 χ^2/NDF : 800658.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.097+/-0.011 χ^2/NDF : 1339109.7/27

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

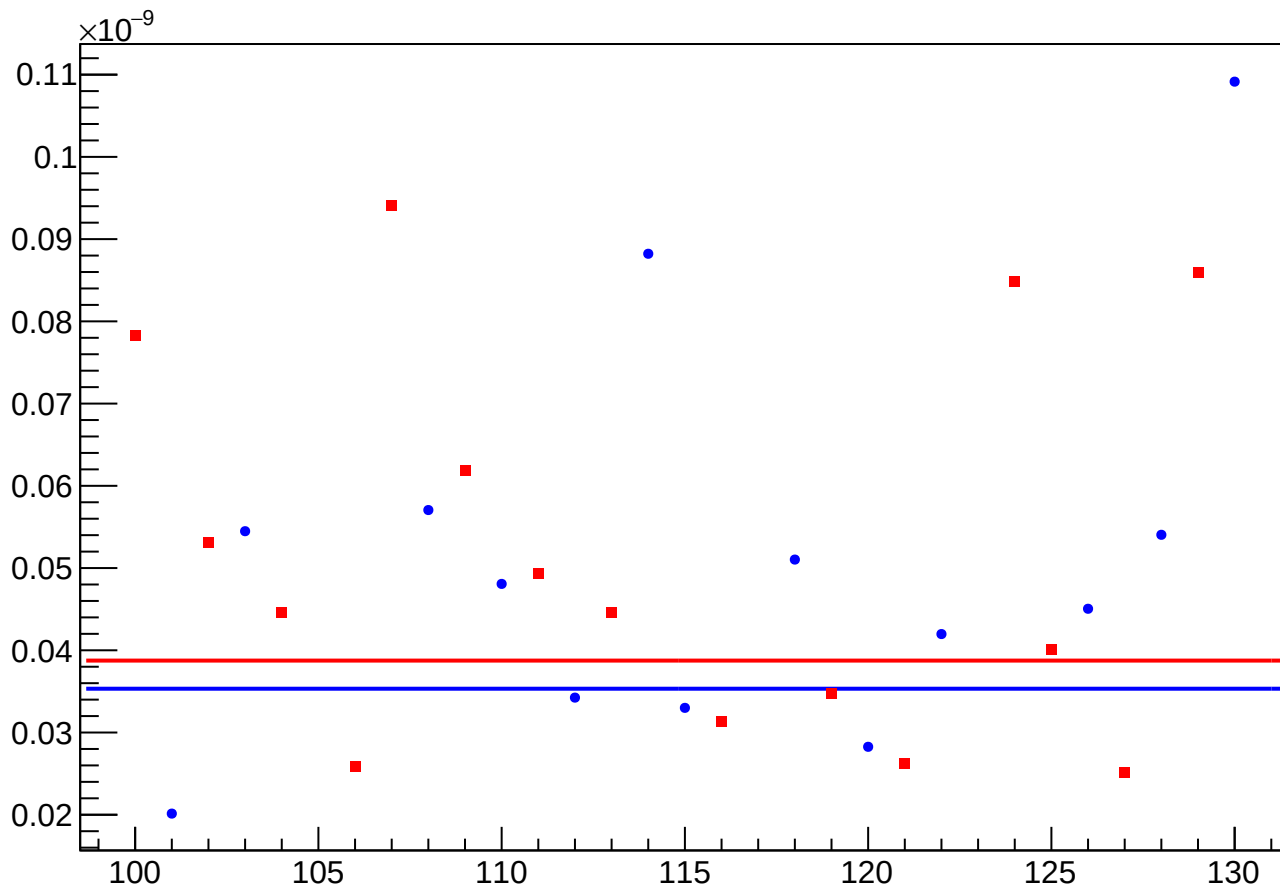
Right: 0.000+/-0.000 χ^2/NDF : 34.1/27

In: 0.000+/-0.000 χ^2/NDF : 16.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 34.1/27

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1241385.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 956251.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

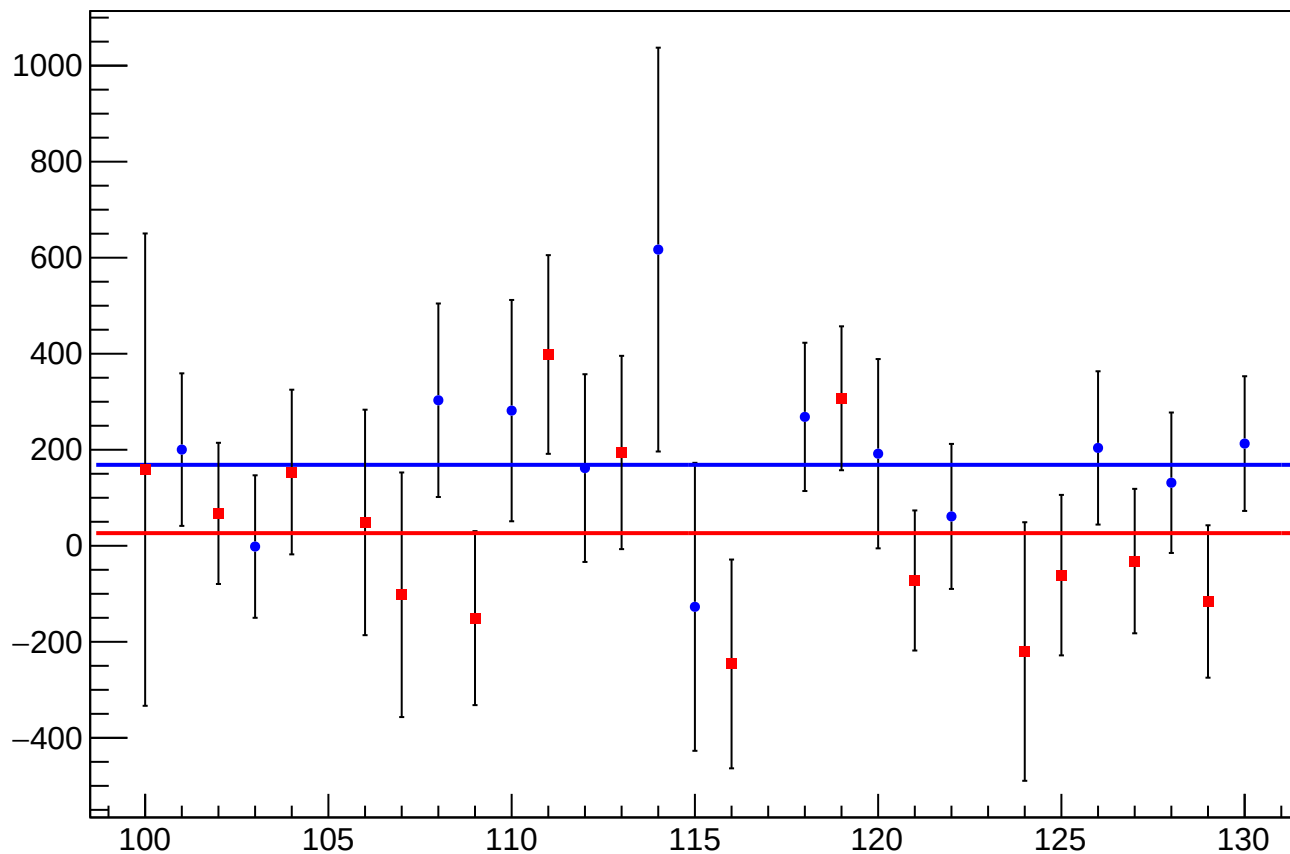
Right: 0.000+/-0.000 χ^2/NDF : 2223925.0/27

In: 0.000+/-0.000 χ^2/NDF : 1241385.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2223925.0/27

reg_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 168.597 $\pm$ 48.810 χ^2 /NDF: 5.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 26.357 $\pm$ 47.533 χ^2 /NDF: 13.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

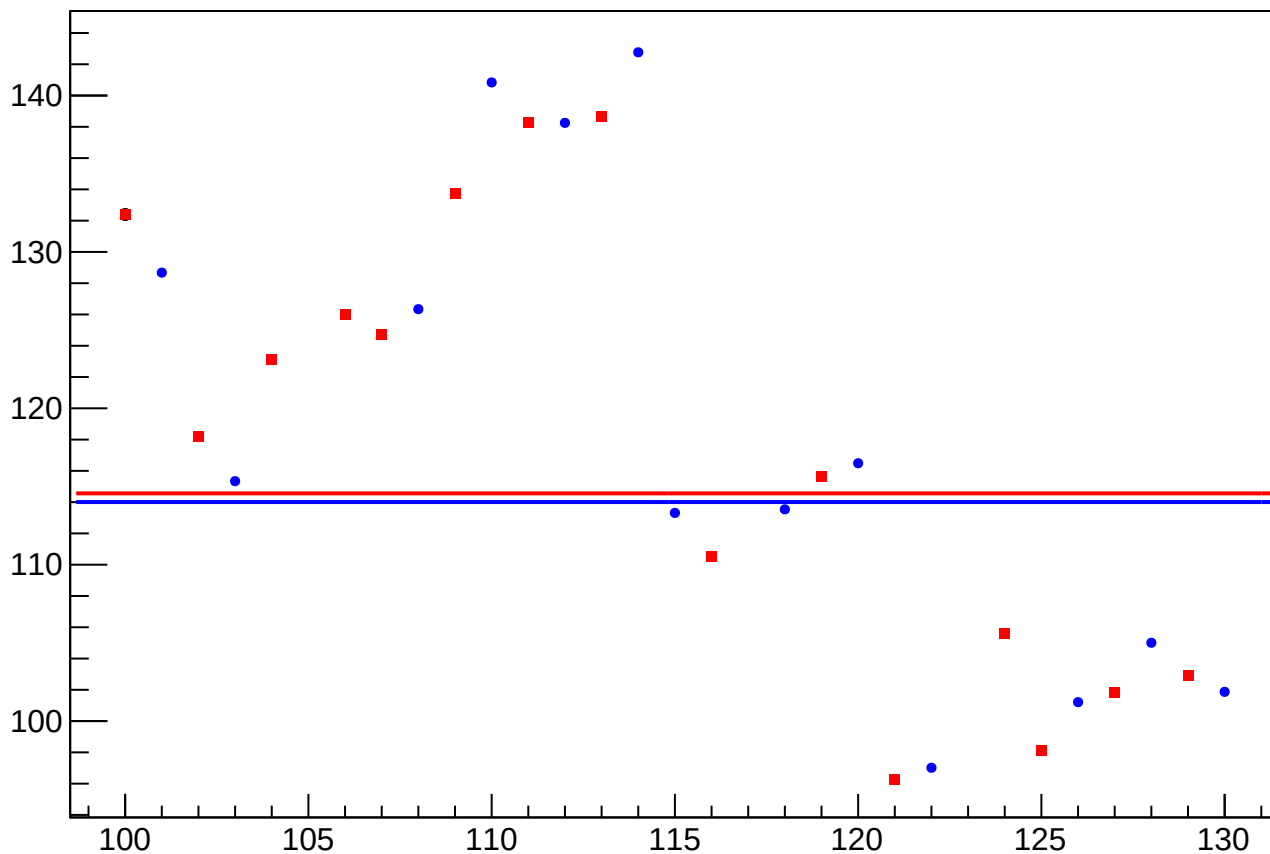
Right: 95.591 $\pm$ 34.053 χ^2 /NDF: 23.1/27

In: 168.597 $\pm$ 48.810 χ^2 /NDF:5.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 95.591 $\pm$ 34.053 χ^2 /NDF: 23.1/27

reg_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 114.007 $\pm$ 0.035 χ^2 /NDF: 152974.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 114.561 $\pm$ 0.034 χ^2 /NDF: 172975.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

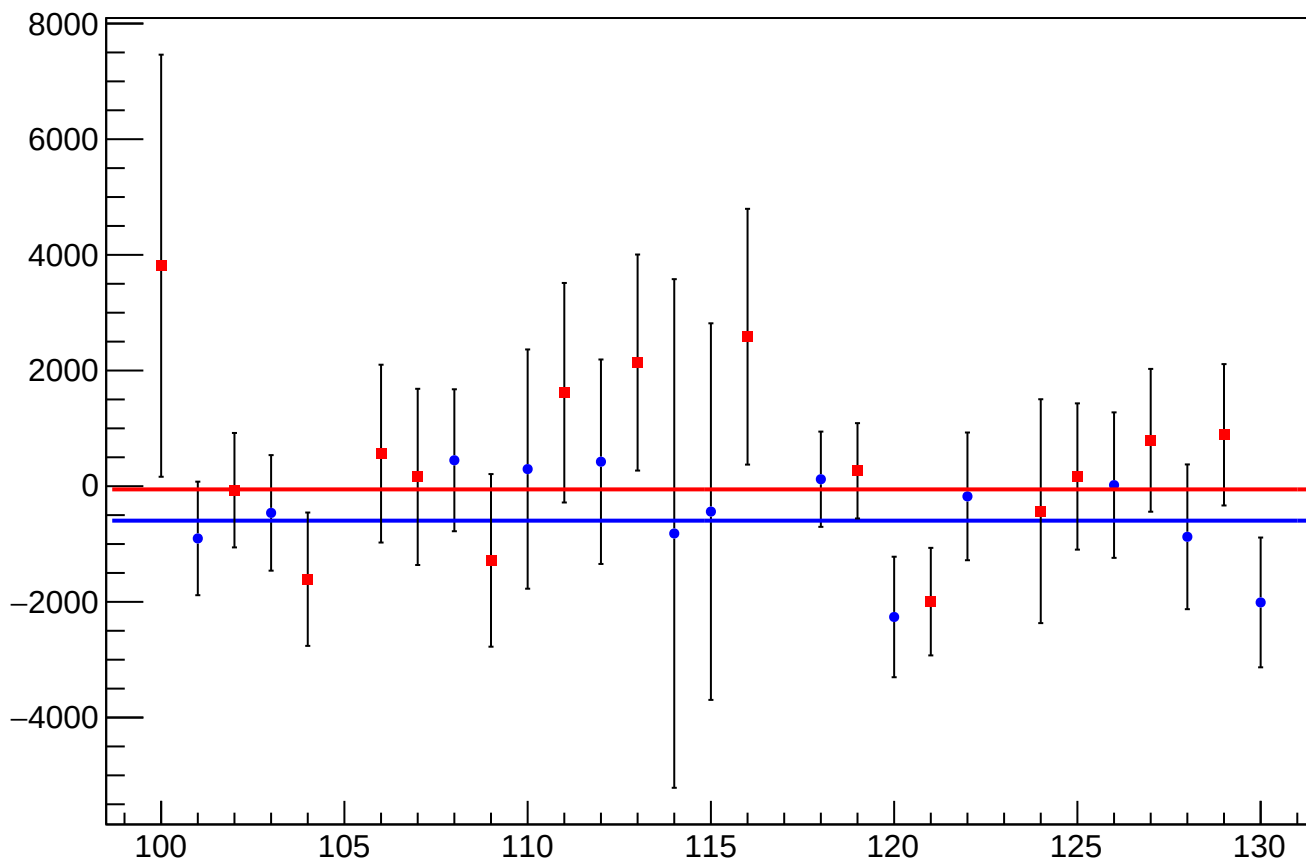
Right: 114.291 $\pm$ 0.024 χ^2 /NDF: 326082.6/27

In: 114.007 $\pm$ 0.035 χ^2 /NDF:152974.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 114.291 $\pm$ 0.024 χ^2 /NDF: 326082.6/27

asym_sam_26_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -595.758+/-339.340 χ^2/NDF : 6.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -55.229+/-337.737 χ^2/NDF : 13.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

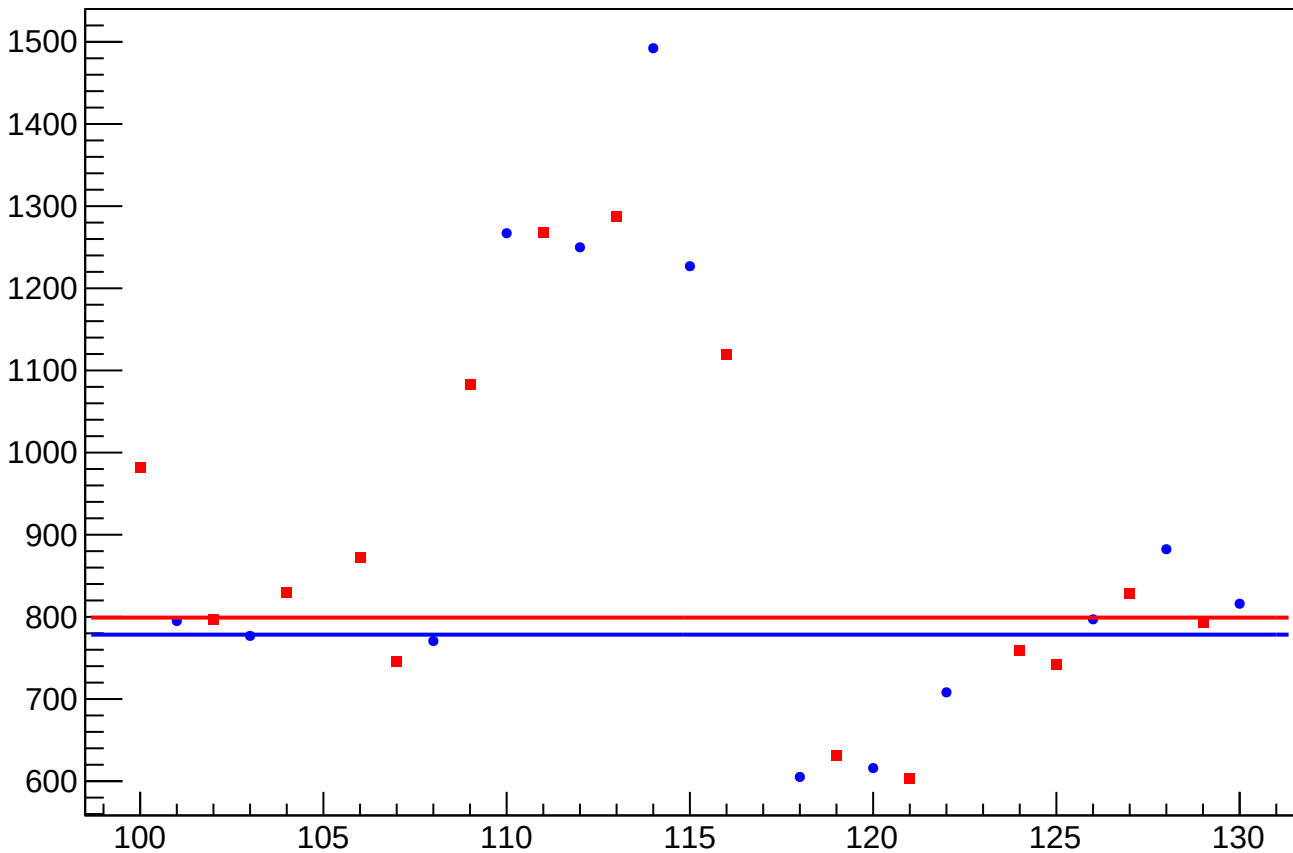
Right: -324.213+/-239.381 χ^2/NDF : 21.0/27

In: -595.758+/-339.340 χ^2/NDF : 6.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -324.213+/-239.381 χ^2/NDF : 21.0/27

asym_sam_26_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 778.398+/-0.240 χ^2/NDF : 506963.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 799.126+/-0.239 χ^2/NDF : 564159.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

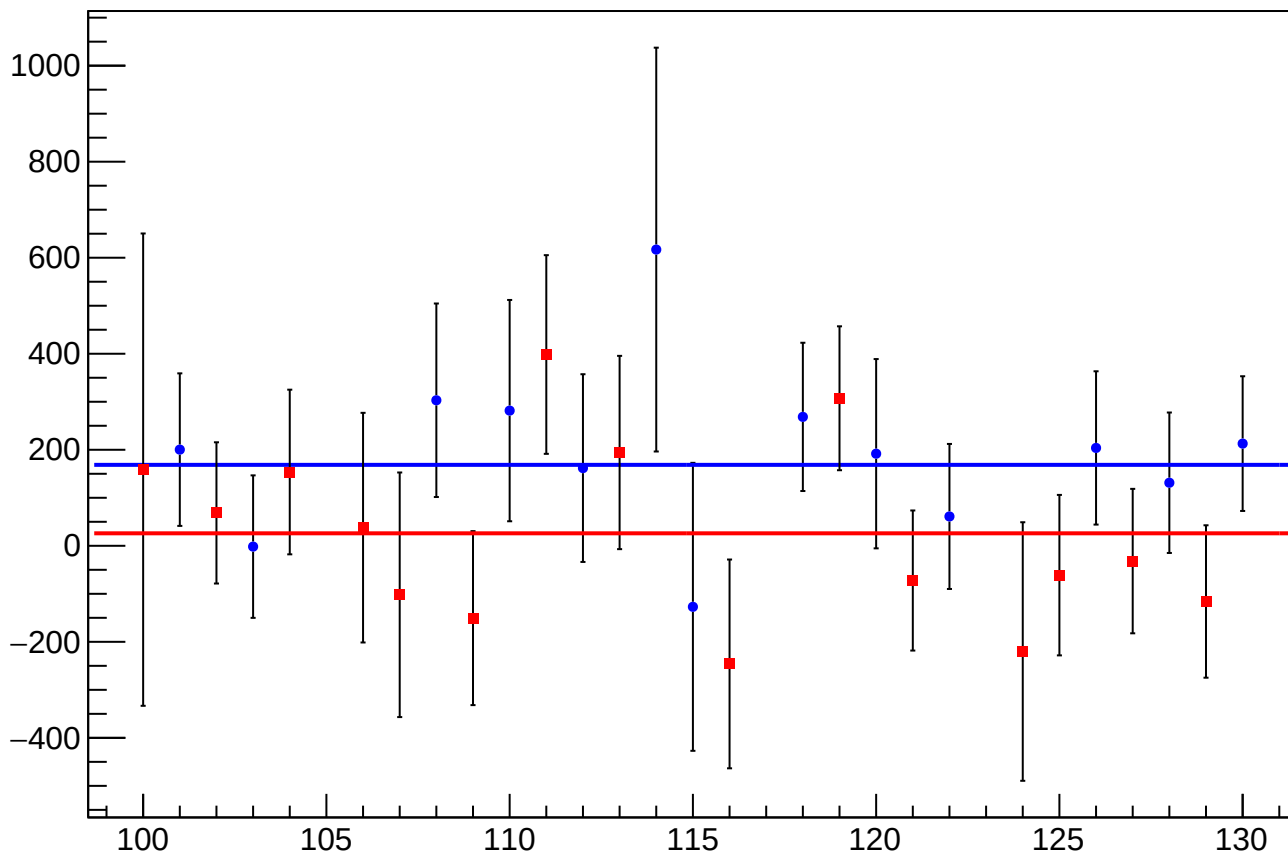
Right: 788.811+/-0.169 χ^2/NDF : 1074872.1/27

In: 778.398+/-0.240 χ^2/NDF : 506963.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 788.811+/-0.169 χ^2/NDF : 1074872.1/27

cor_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 168.590 $\pm$ 48.810 χ^2 /NDF: 5.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 26.010 $\pm$ 47.569 χ^2 /NDF: 13.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

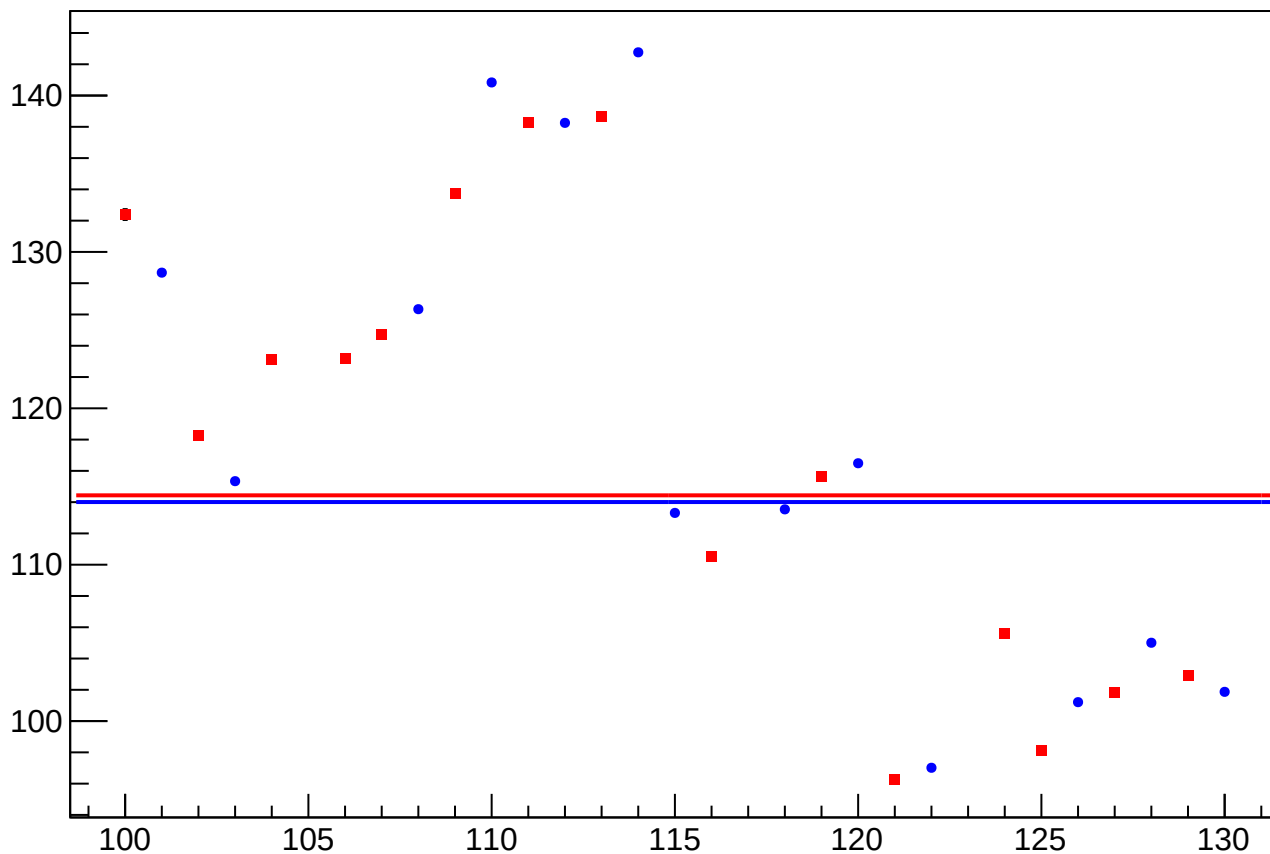
Right: 95.465 $\pm$ 34.067 χ^2 /NDF: 23.1/27

In: 168.590 $\pm$ 48.810 χ^2 /NDF:5.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 95.465 $\pm$ 34.067 χ^2 /NDF: 23.1/27

cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 114.007 $\pm$ 0.035 χ^2 /NDF: 152974.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 114.436 $\pm$ 0.034 χ^2 /NDF: 170819.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

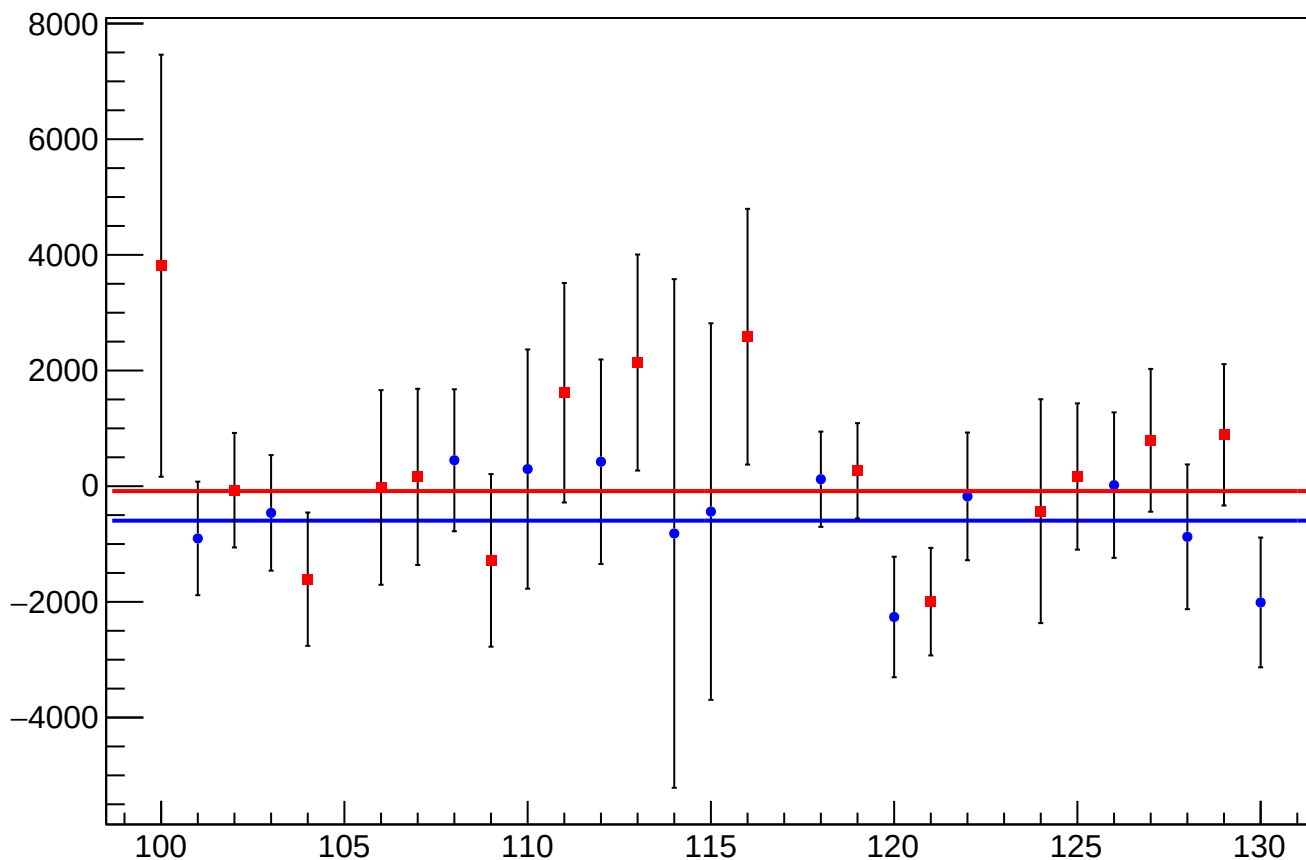
Right: 114.227 $\pm$ 0.024 χ^2 /NDF: 323873.6/27

In: 114.007 $\pm$ 0.035 χ^2 /NDF:152974.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 114.227 $\pm$ 0.024 χ^2 /NDF: 323873.6/27

asym_sam_26_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -595.735+/-339.341 χ^2/NDF : 6.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -83.902+/-339.116 χ^2/NDF : 12.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

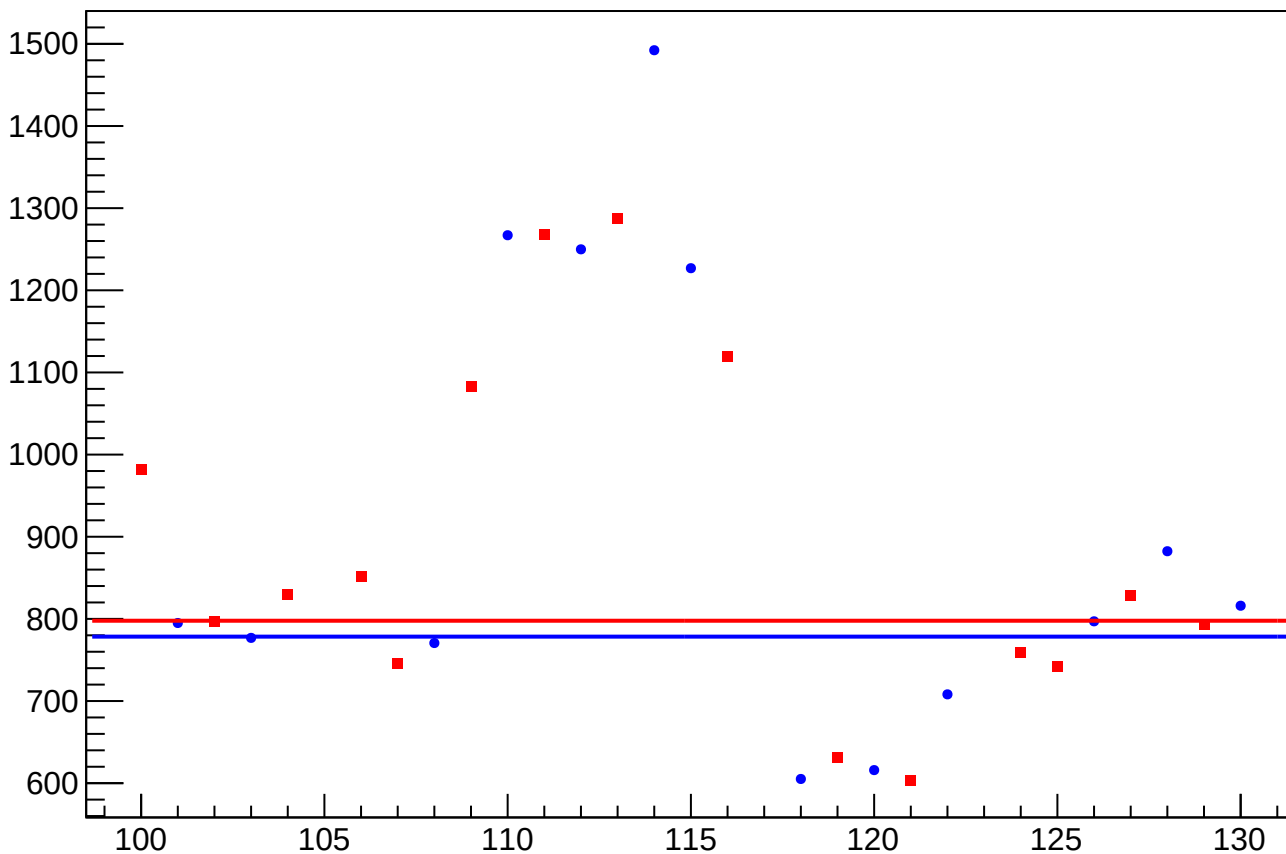
Right: -339.649+/-239.871 χ^2/NDF : 20.7/27

In: -595.735+/-339.341 χ^2/NDF : 6.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -339.649+/-239.871 χ^2/NDF : 20.7/27

asym_sam_26_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 778.399+/-0.240 χ^2/NDF : 506969.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 797.746+/-0.240 χ^2/NDF : 561502.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

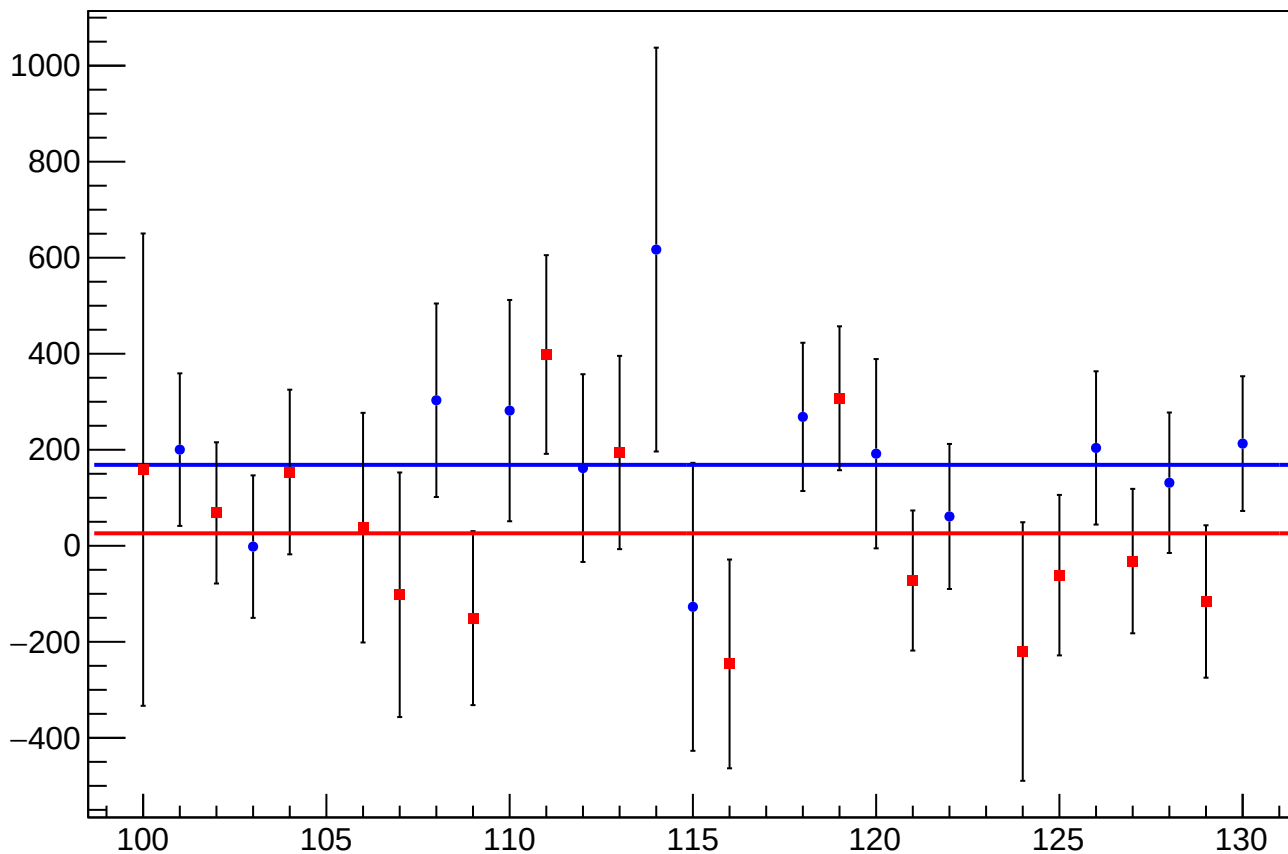
Right: 788.079+/-0.170 χ^2/NDF : 1071724.6/27

In: 778.399+/-0.240 χ^2/NDF : 506969.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 788.079+/-0.170 χ^2/NDF : 1071724.6/27

eigen_cor_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 168.590±48.810 χ^2/NDF : 5.3/12

Left Out: 0.000±0.000 χ^2/NDF : 0.0/0

Right Out: 26.010±47.569 χ^2/NDF : 13.5/14

Left In: 0.000±0.000 χ^2/NDF : 0.0/0

Left: 0.000±0.000 χ^2/NDF : 0.0/0

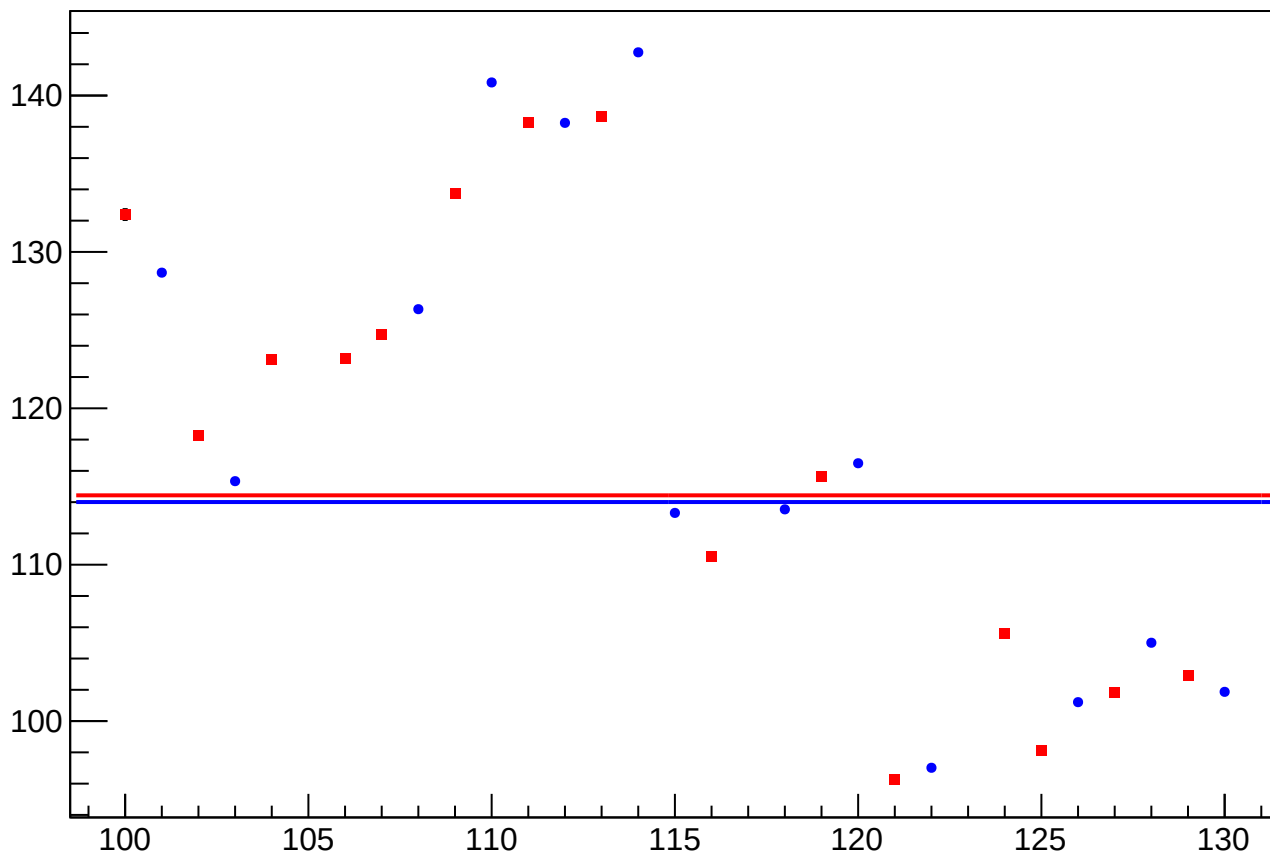
Right: 95.465±34.067 χ^2/NDF : 23.1/27

In: 168.590±48.810 χ^2/NDF : 5.3/12

Out: 0.000±0.000 χ^2/NDF : 0.0/0

All: 95.465±34.067 χ^2/NDF : 23.1/27

eigen_cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 114.007 $\pm$ 0.035 χ^2 /NDF: 152974.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 114.436 $\pm$ 0.034 χ^2 /NDF: 170819.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

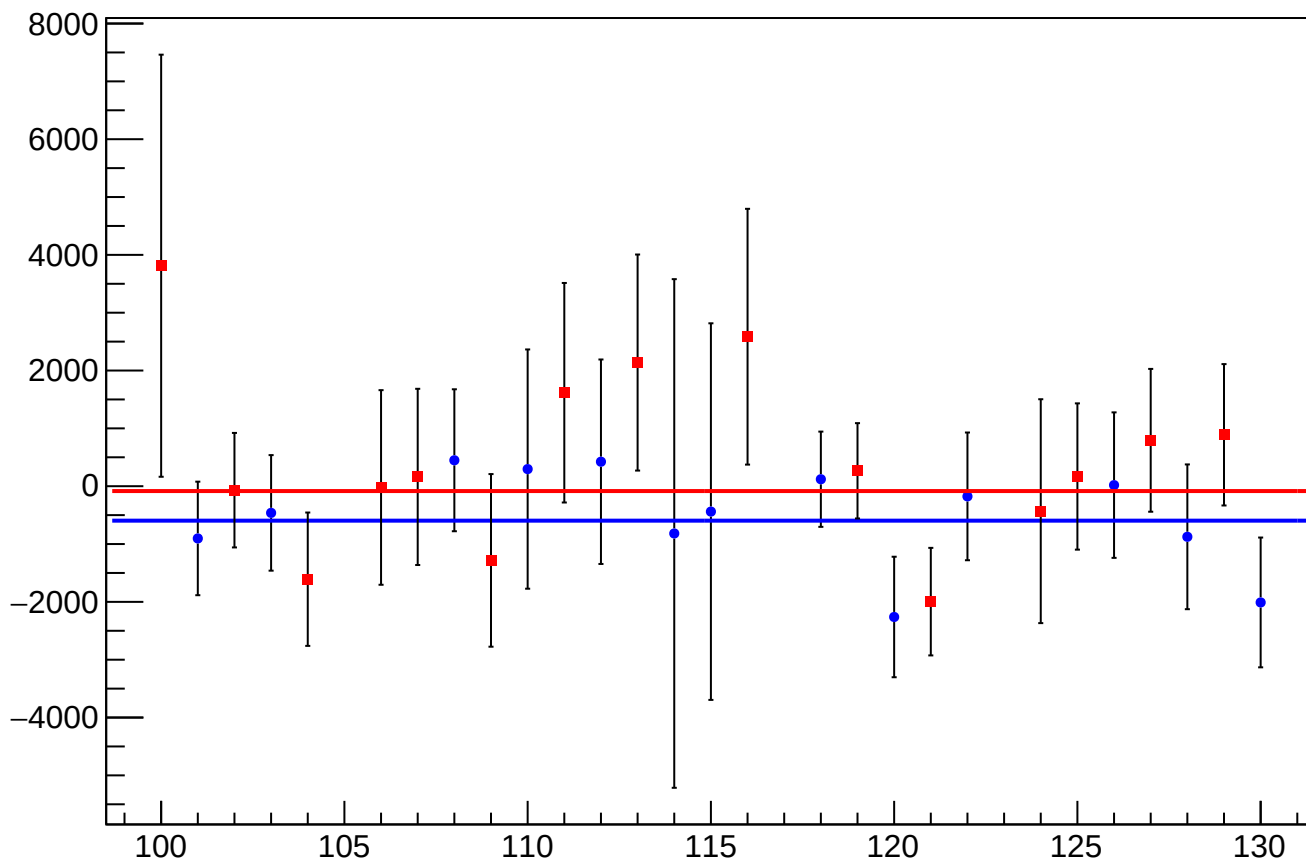
Right: 114.227 $\pm$ 0.024 χ^2 /NDF: 323873.6/27

In: 114.007 $\pm$ 0.035 χ^2 /NDF:152974.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 114.227 $\pm$ 0.024 χ^2 /NDF: 323873.6/27

asym_sam_26_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -595.735+/-339.341 χ^2/NDF : 6.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -83.902+/-339.116 χ^2/NDF : 12.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

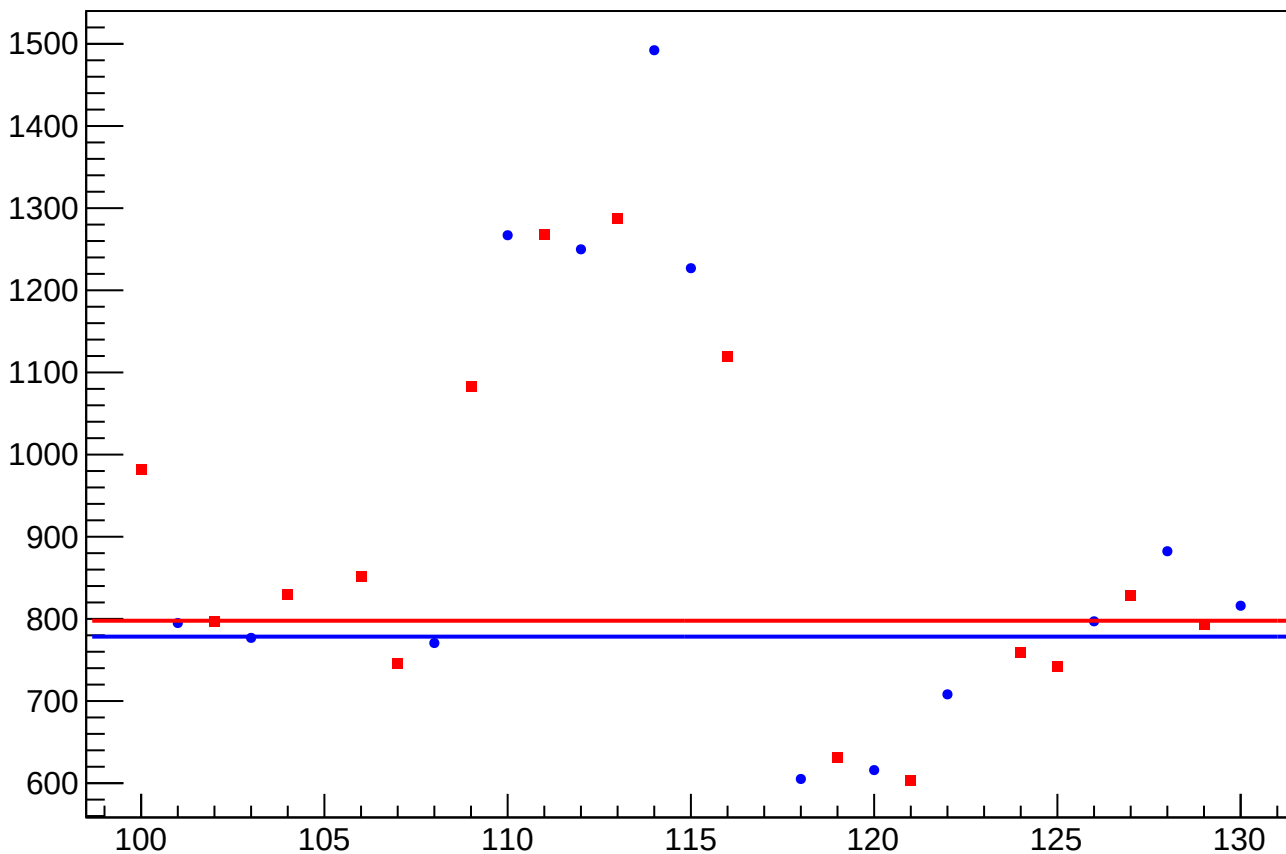
Right: -339.649+/-239.871 χ^2/NDF : 20.7/27

In: -595.735+/-339.341 χ^2/NDF : 6.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -339.649+/-239.871 χ^2/NDF : 20.7/27

asym_sam_26_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 778.399+/-0.240 χ^2/NDF : 506969.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 797.746+/-0.240 χ^2/NDF : 561502.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

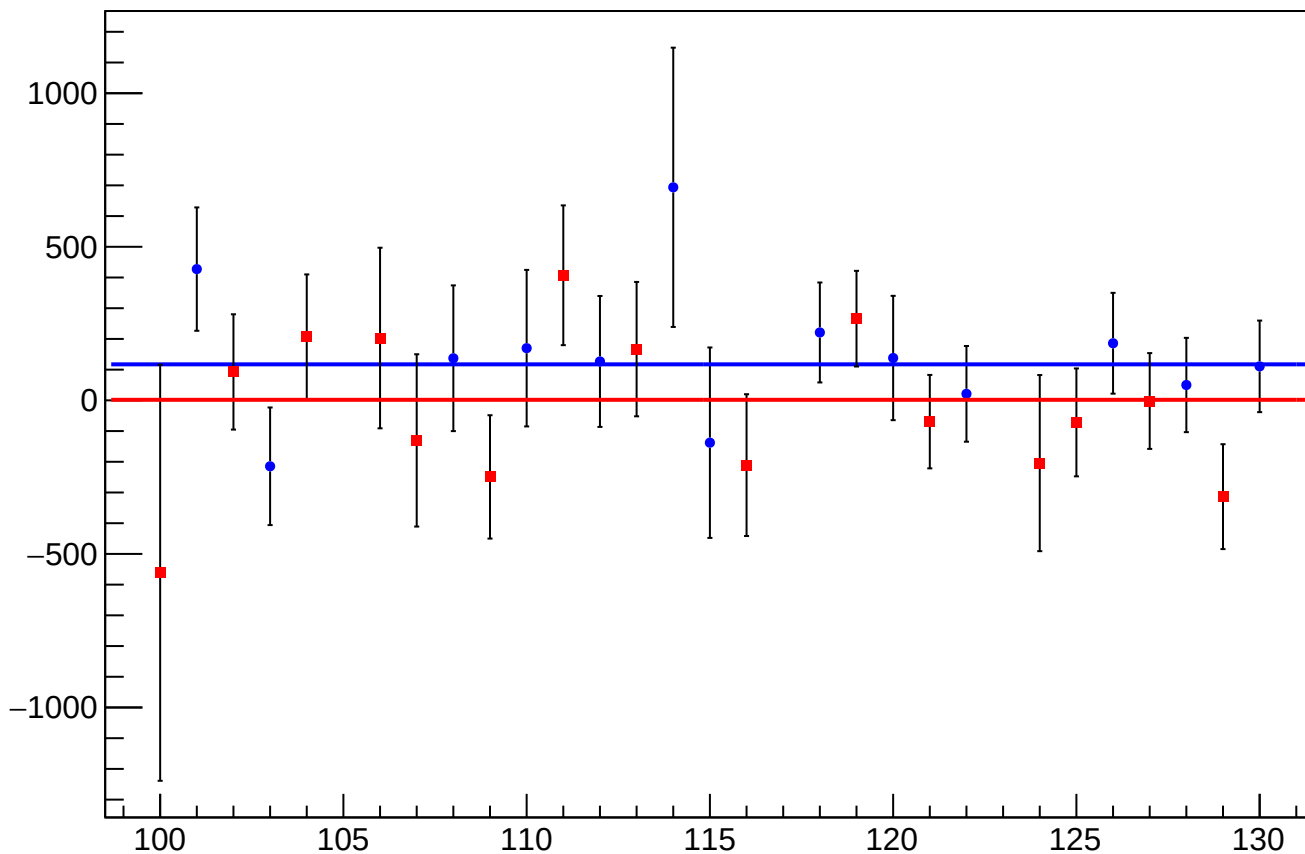
Right: 788.079+/-0.170 χ^2/NDF : 1071724.6/27

In: 778.399+/-0.240 χ^2/NDF :506969.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 788.079+/-0.170 χ^2/NDF : 1071724.6/27

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 117.270+/-53.419 χ^2/NDF : 8.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.757+/-52.179 χ^2/NDF : 16.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

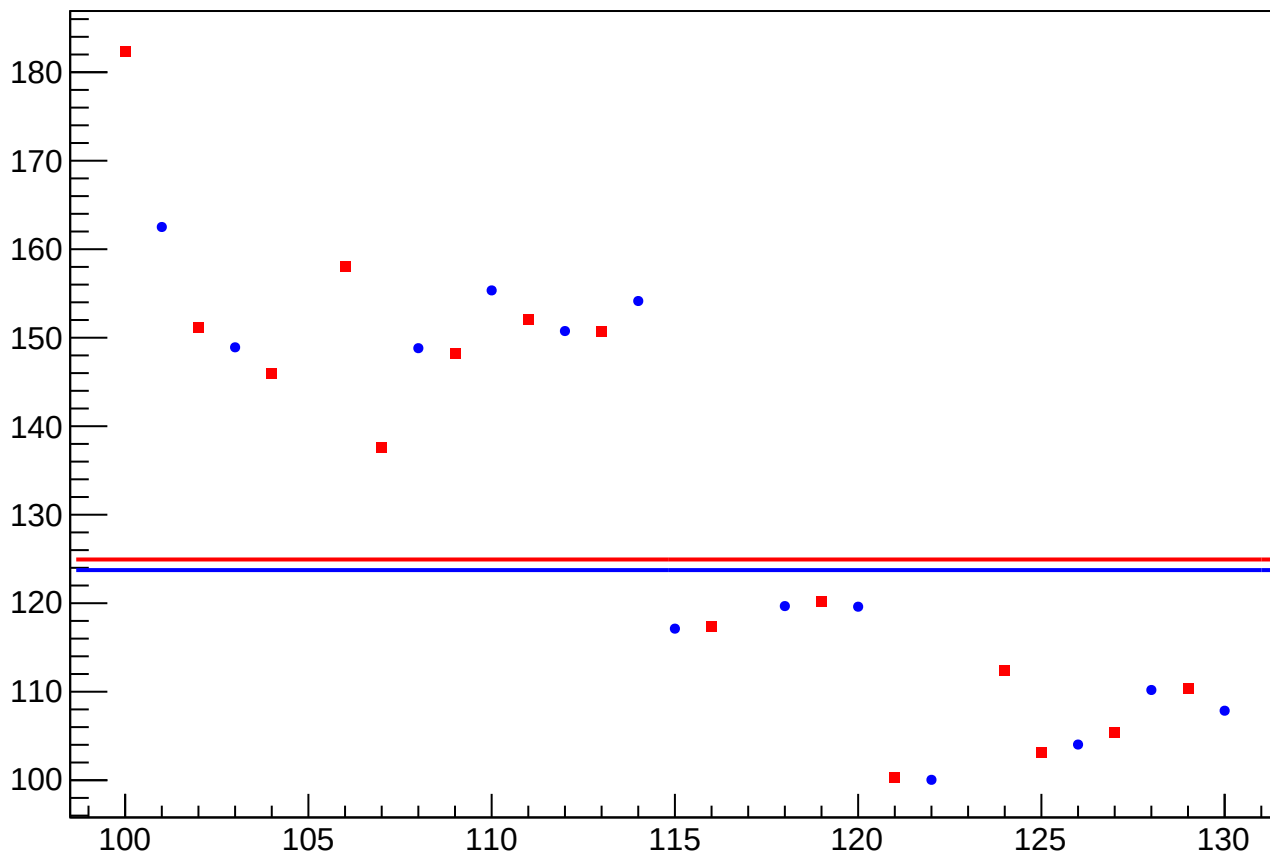
Right: 58.158+/-37.327 χ^2/NDF : 27.3/27

In: 117.270+/-53.419 χ^2/NDF : 8.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.158+/-37.327 χ^2/NDF : 27.3/27

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 123.742 $\pm$ 0.038 χ^2 /NDF: 319695.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 124.941 $\pm$ 0.037 χ^2 /NDF: 324132.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

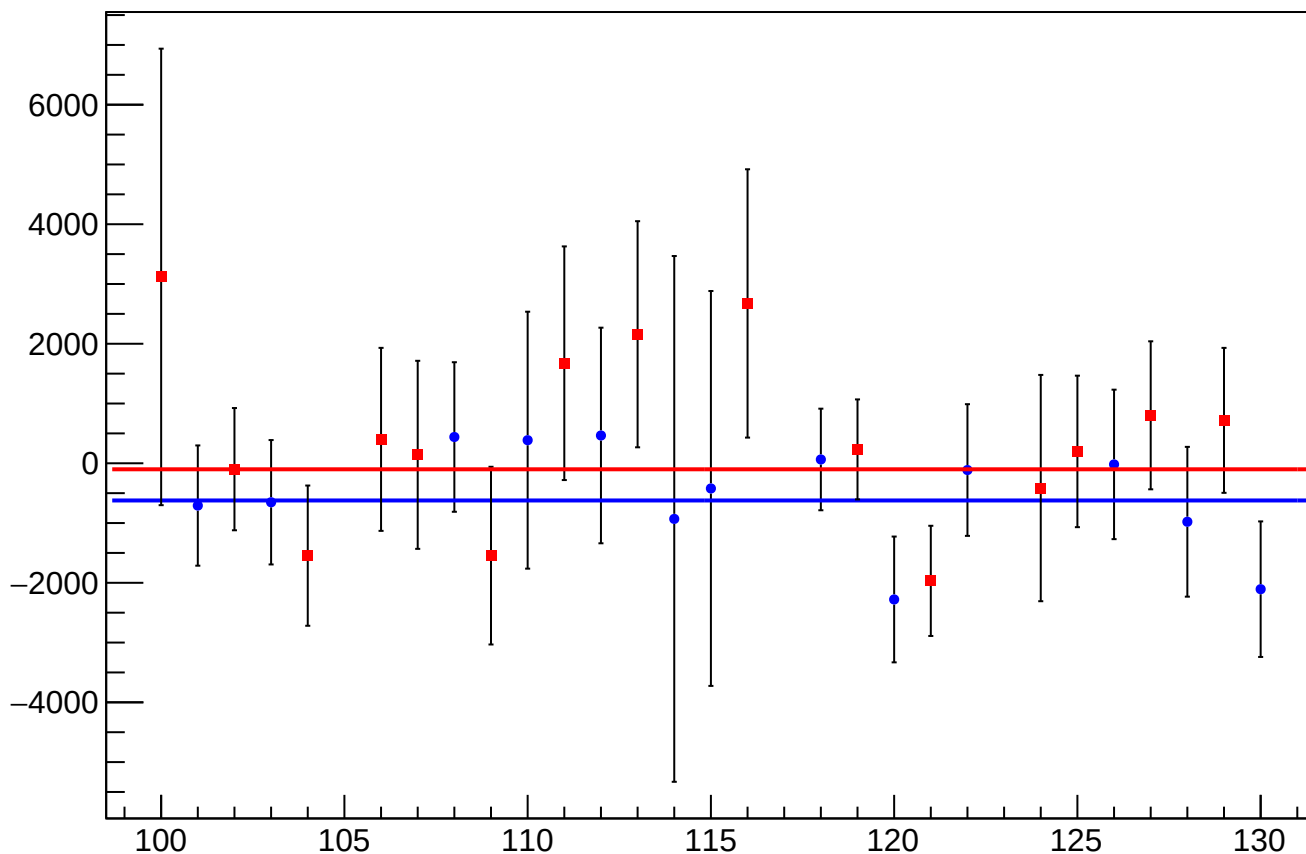
Right: 124.356 $\pm$ 0.026 χ^2 /NDF: 644342.9/27

In: 123.742 $\pm$ 0.038 χ^2 /NDF:319695.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 124.356 $\pm$ 0.026 χ^2 /NDF: 644342.9/27

asym_sam_26_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -622.260 $\pm$ 345.420 χ^2 /NDF: 6.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -100.662 $\pm$ 340.760 χ^2 /NDF: 12.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

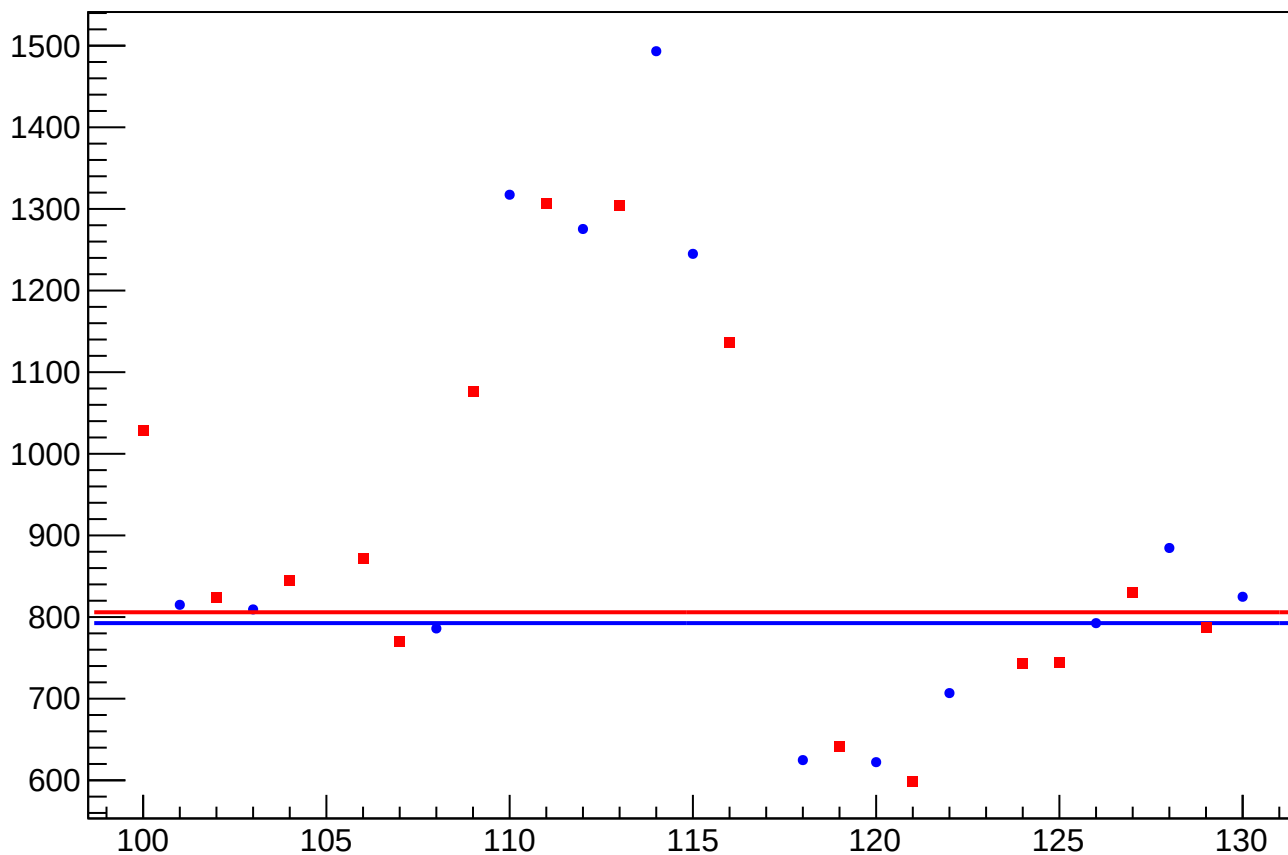
Right: -357.918 $\pm$ 242.584 χ^2 /NDF: 20.3/27

In: -622.260 $\pm$ 345.420 χ^2 /NDF:6.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -357.918 $\pm$ 242.584 χ^2 /NDF: 20.3/27

asym_sam_26_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 792.574+/-0.244 χ^2/NDF : 507169.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 805.872+/-0.241 χ^2/NDF : 580168.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

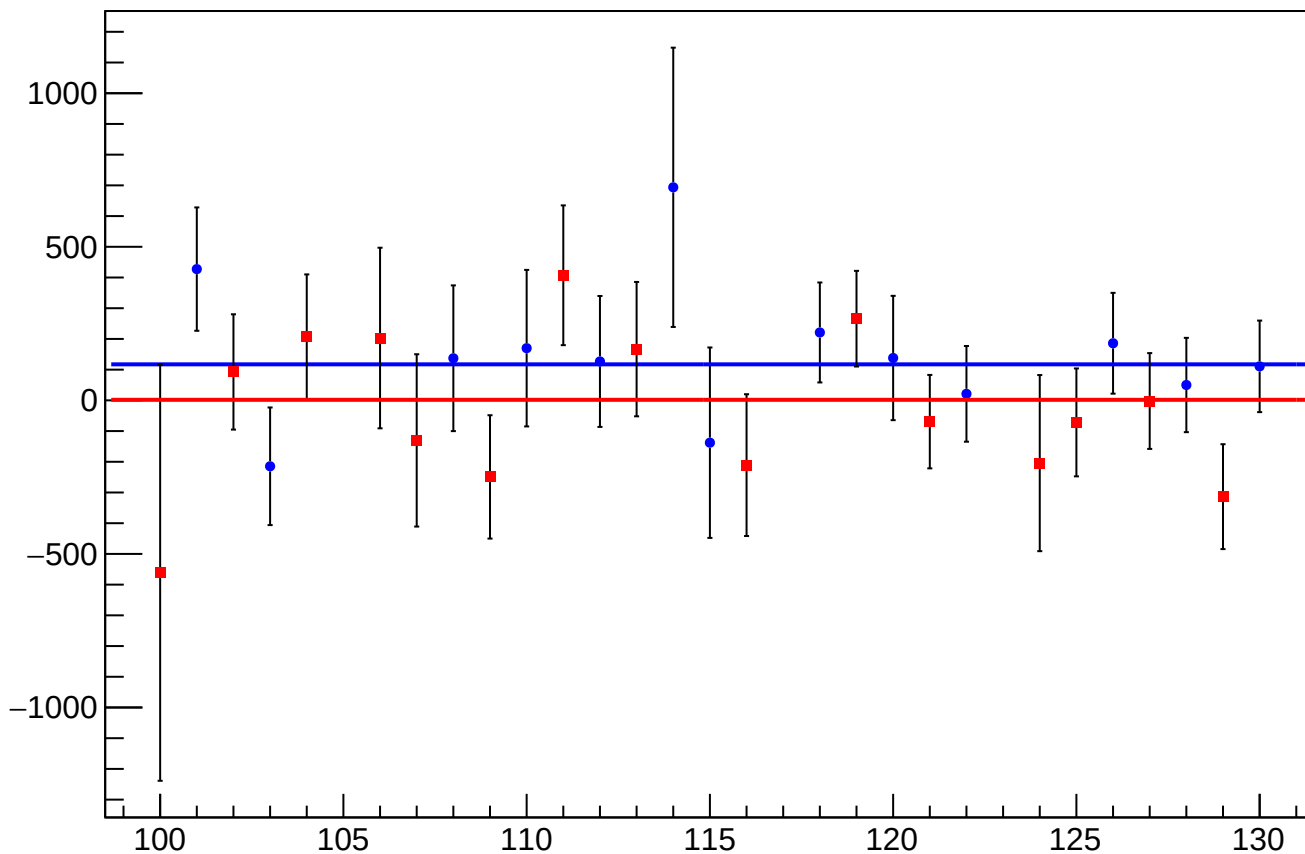
Right: 799.314+/-0.172 χ^2/NDF : 1088840.0/27

In: 792.574+/-0.244 χ^2/NDF : 507169.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 799.314+/-0.172 χ^2/NDF : 1088840.0/27

eigen_dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 117.268 $\pm$ 53.419 χ^2 /NDF: 8.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.757 $\pm$ 52.179 χ^2 /NDF: 16.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

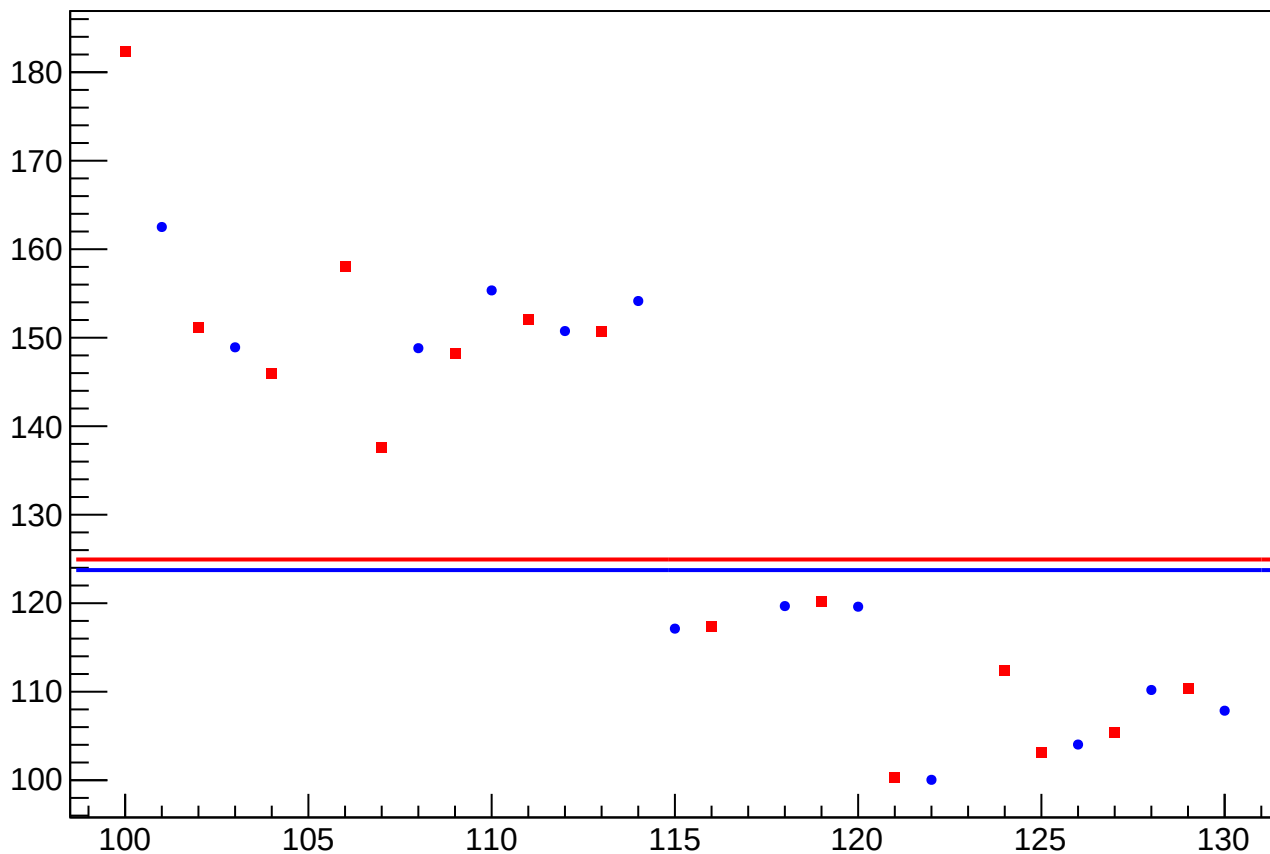
Right: 58.156 $\pm$ 37.327 χ^2 /NDF: 27.3/27

In: 117.268 $\pm$ 53.419 χ^2 /NDF:8.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 58.156 $\pm$ 37.327 χ^2 /NDF: 27.3/27

eigen_dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 123.743+/-0.038 χ^2/NDF : 319685.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 124.941+/-0.037 χ^2/NDF : 324125.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

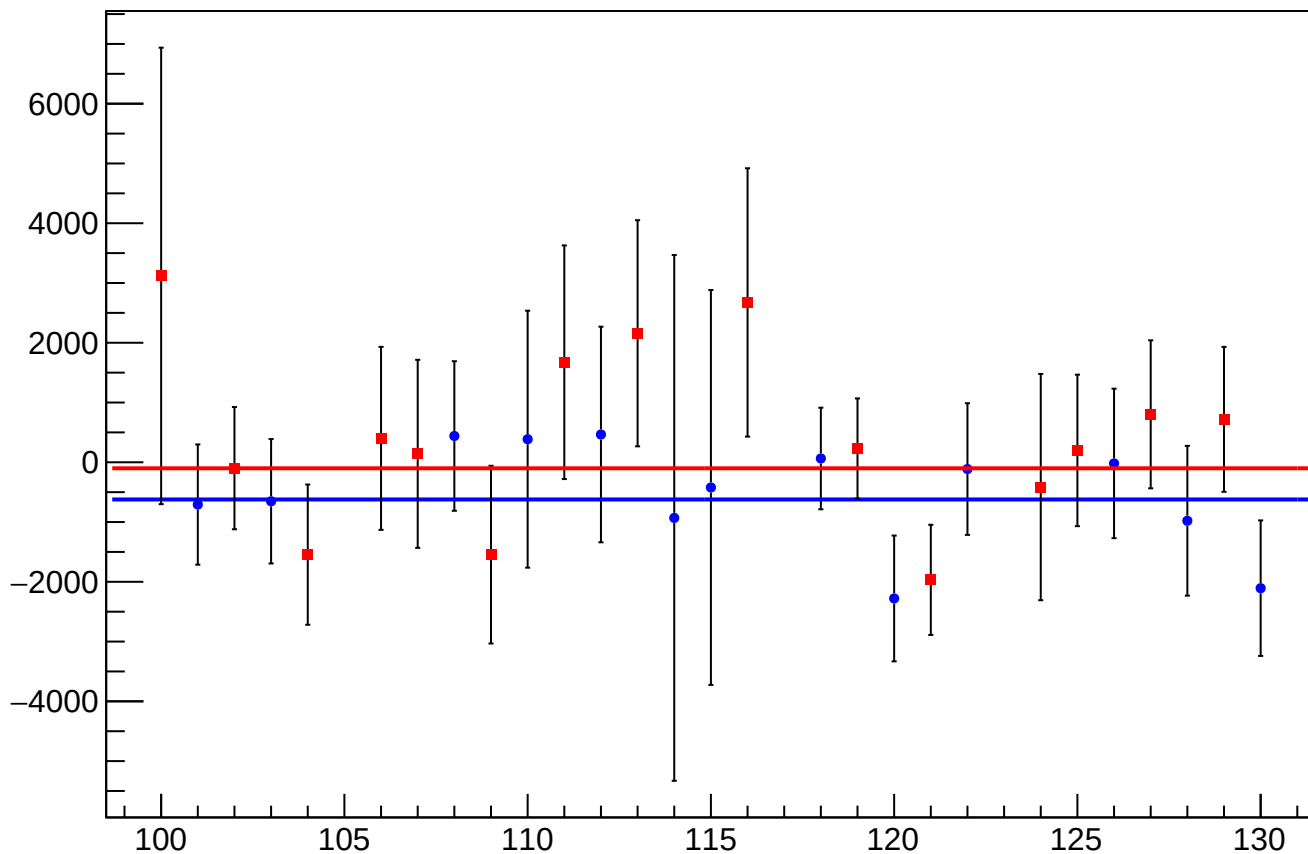
Right: 124.356+/-0.026 χ^2/NDF : 644325.4/27

In: 123.743+/-0.038 χ^2/NDF :319685.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 124.356+/-0.026 χ^2/NDF : 644325.4/27

asym_sam_26_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -622.259+/-345.420 χ^2/NDF : 6.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -100.663+/-340.759 χ^2/NDF : 12.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

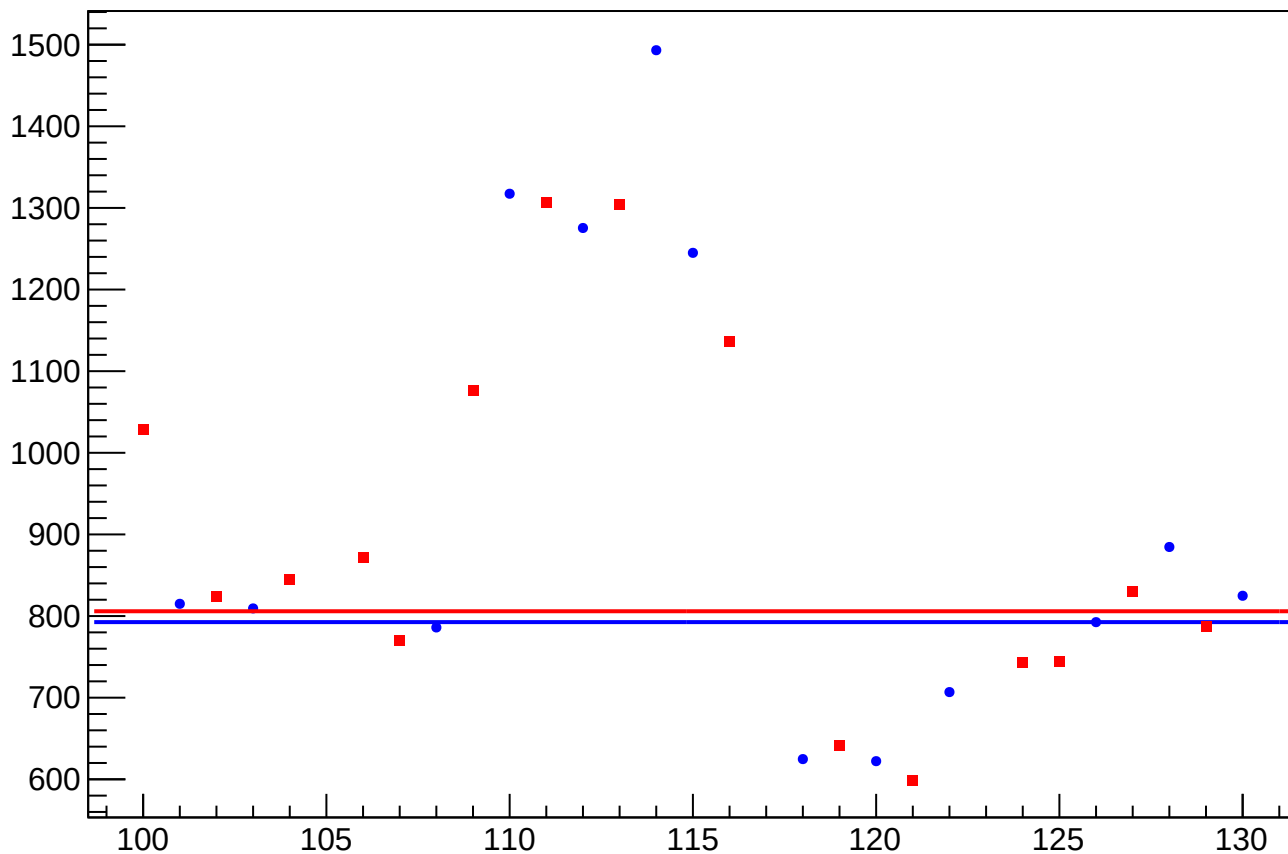
Right: -357.918+/-242.584 χ^2/NDF : 20.3/27

In: -622.259+/-345.420 χ^2/NDF : 6.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -357.918+/-242.584 χ^2/NDF : 20.3/27

asym_sam_26_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 792.574+/-0.244 χ^2/NDF : 507163.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 805.872+/-0.241 χ^2/NDF : 580161.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

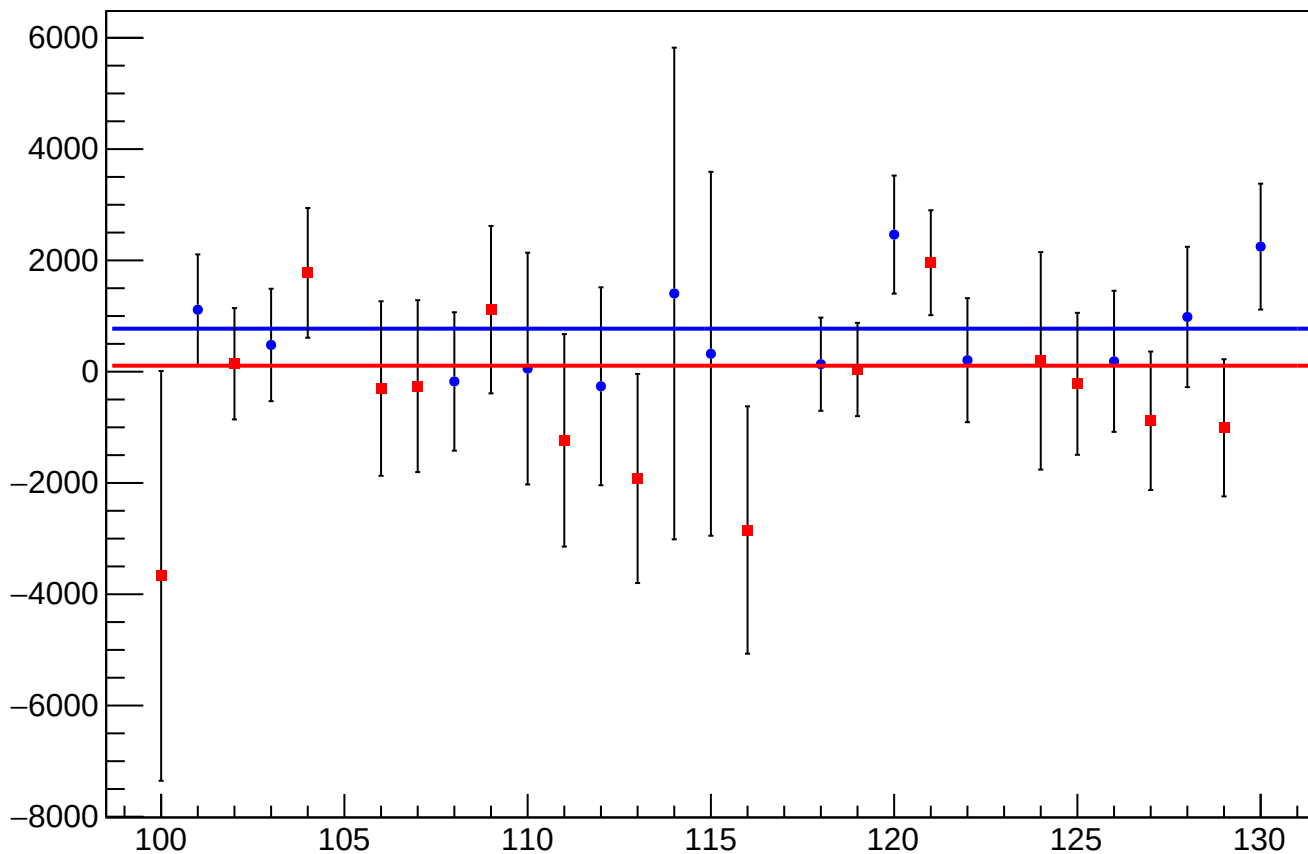
Right: 799.313+/-0.172 χ^2/NDF : 1088827.6/27

In: 792.574+/-0.244 χ^2/NDF :507163.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 799.313+/-0.172 χ^2/NDF : 1088827.6/27

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 772.955 $\pm$ 343.426 χ^2 /NDF: 6.6/12

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 107.528 $\pm$ -341.738 χ^2 /NDF: 12.5/14

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

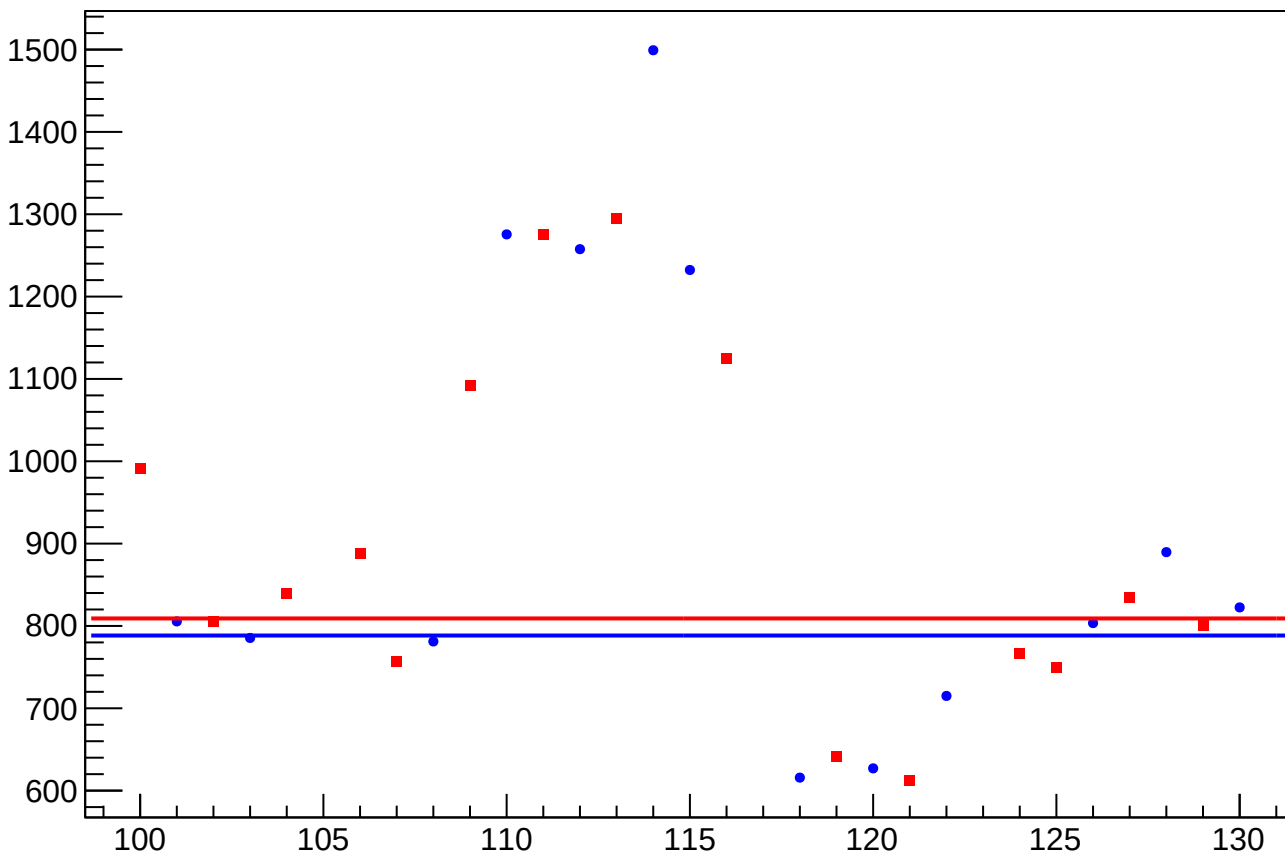
Right: 438.602 $\pm$ -242.240 χ^2 /NDF: 21.0/27

In: 772.955 $\pm$ -343.426 χ^2 /NDF:6.6/12

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 438.602 $\pm$ -242.240 χ^2 /NDF: 21.0/27

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 788.365+/-0.243 χ^2/NDF : 492759.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 809.124+/-0.242 χ^2/NDF : 550782.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

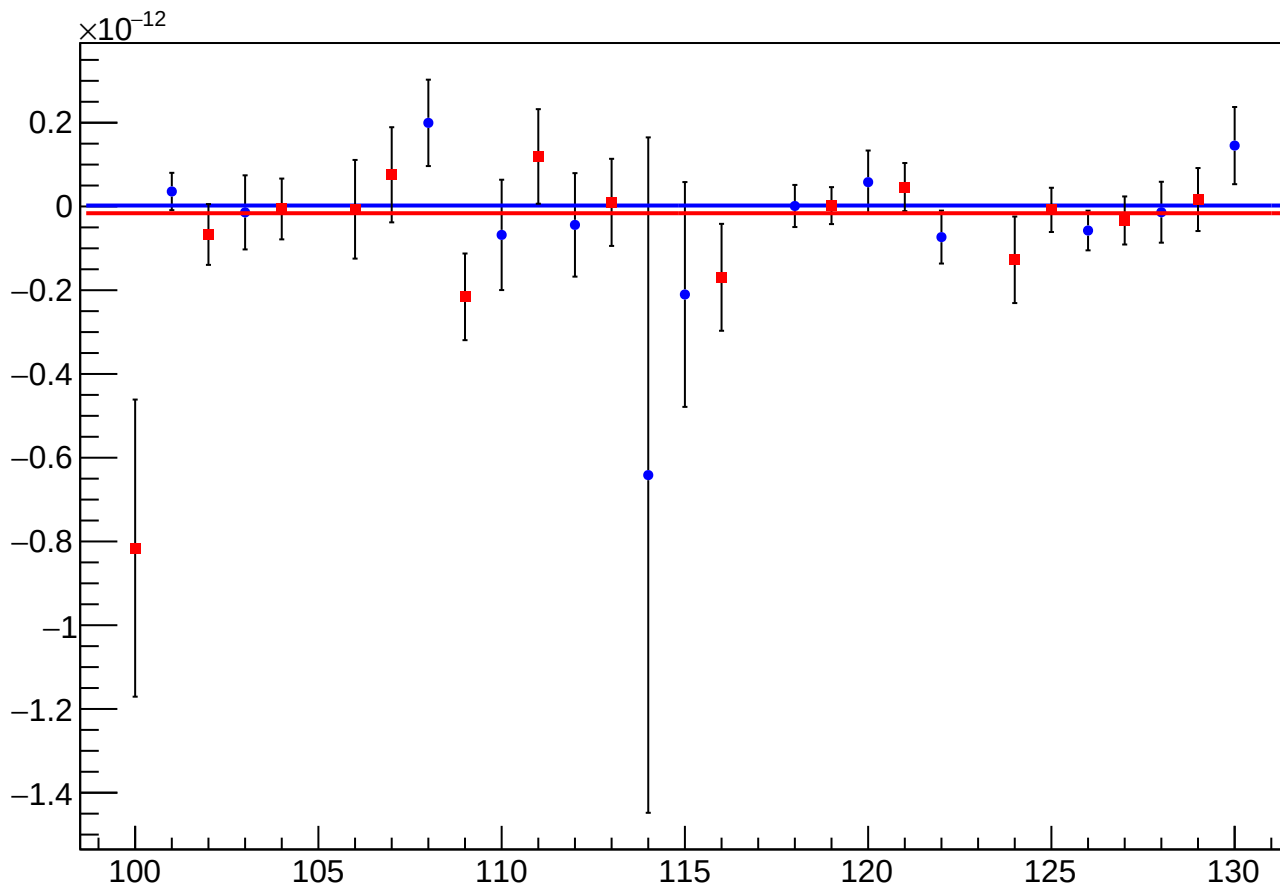
Right: 798.795+/-0.171 χ^2/NDF : 1047214.1/27

In: 788.365+/-0.243 χ^2/NDF :492759.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 798.795+/-0.171 χ^2/NDF : 1047214.1/27

asym_sam_26_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

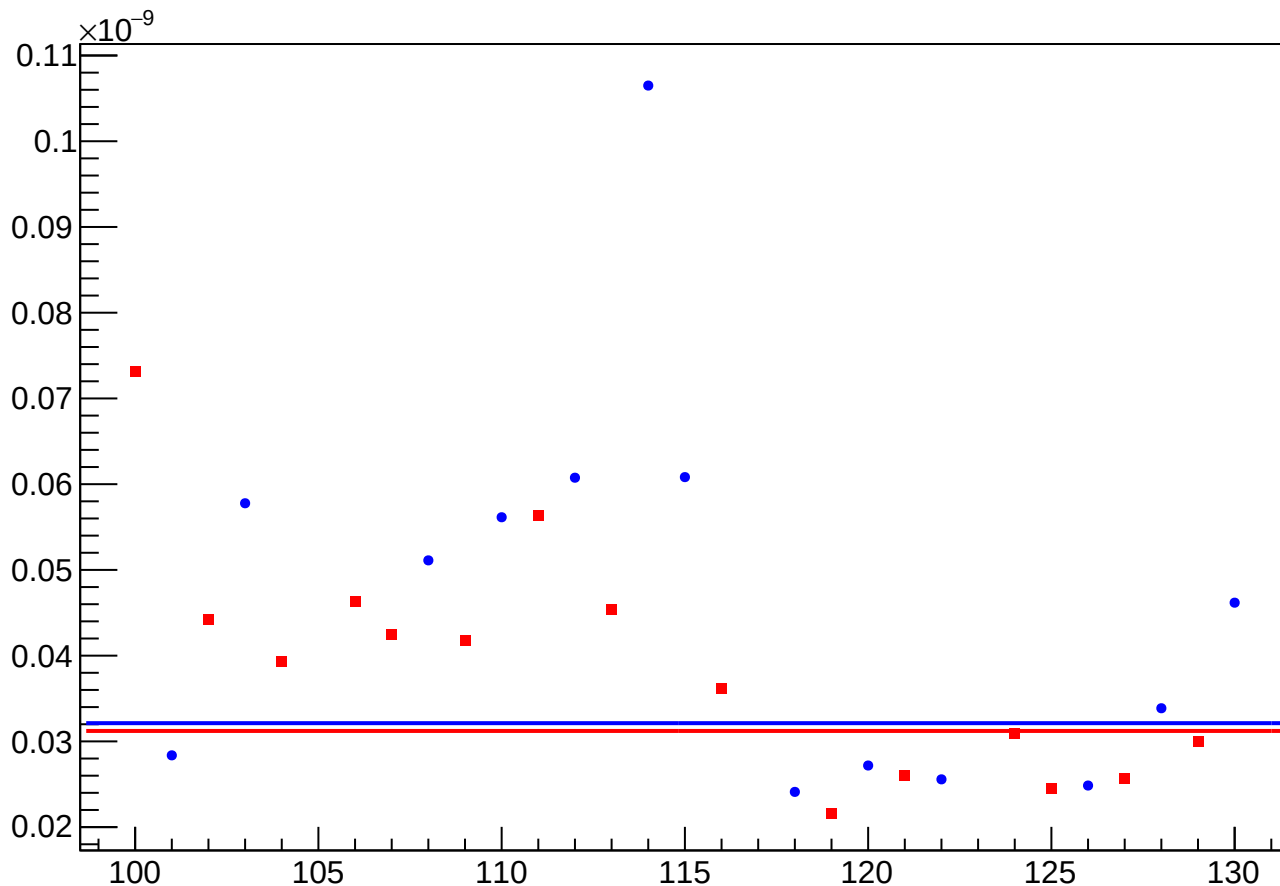
Right: -0.000+/-0.000 χ^2/NDF : 28.1/27

In: 0.000+/-0.000 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.1/27

asym_sam_26_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 639433.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 492576.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

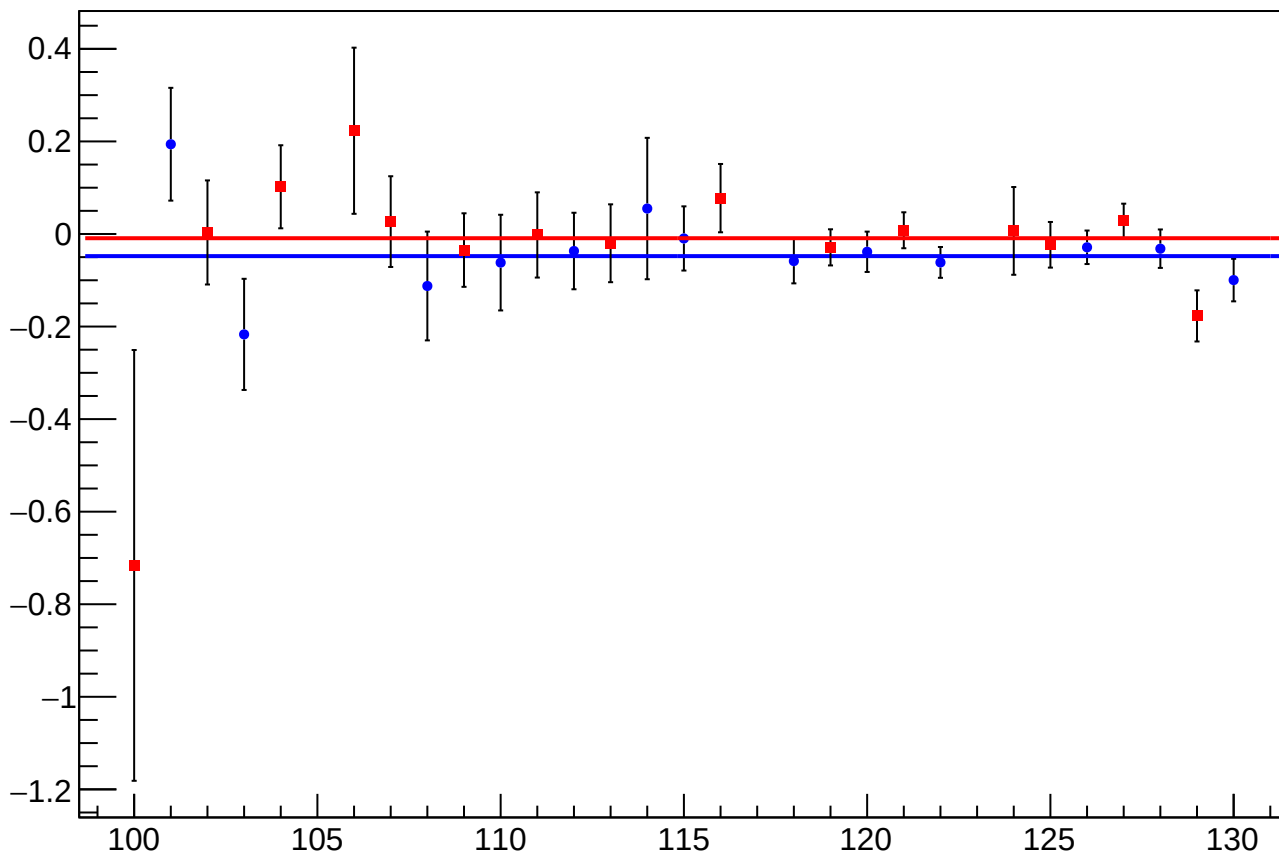
Right: 0.000+/-0.000 χ^2/NDF : 1134084.4/27

In: 0.000+/-0.000 χ^2/NDF : 639433.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1134084.4/27

asym_sam_26_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.048+/-0.015 χ^2 /NDF: 9.0/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.009+/-0.016 χ^2 /NDF: 18.0/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

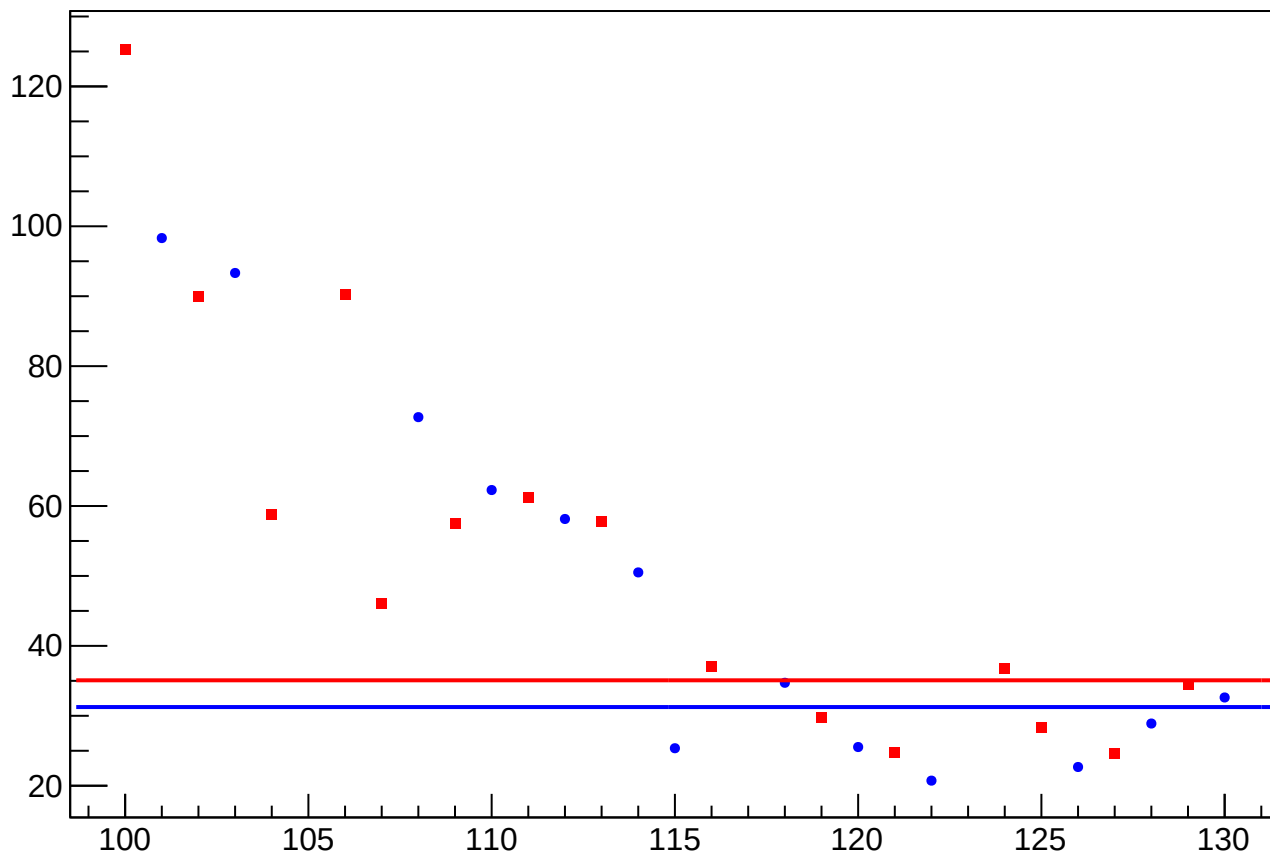
Right: -0.030+/-0.011 χ^2 /NDF: 30.0/27

In: -0.048+/-0.015 χ^2 /NDF:9.0/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.030+/-0.011 χ^2 /NDF: 30.0/27

asym_sam_26_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.252+/-0.011 χ^2/NDF : 2191948.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 35.076+/-0.011 χ^2/NDF : 1748644.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

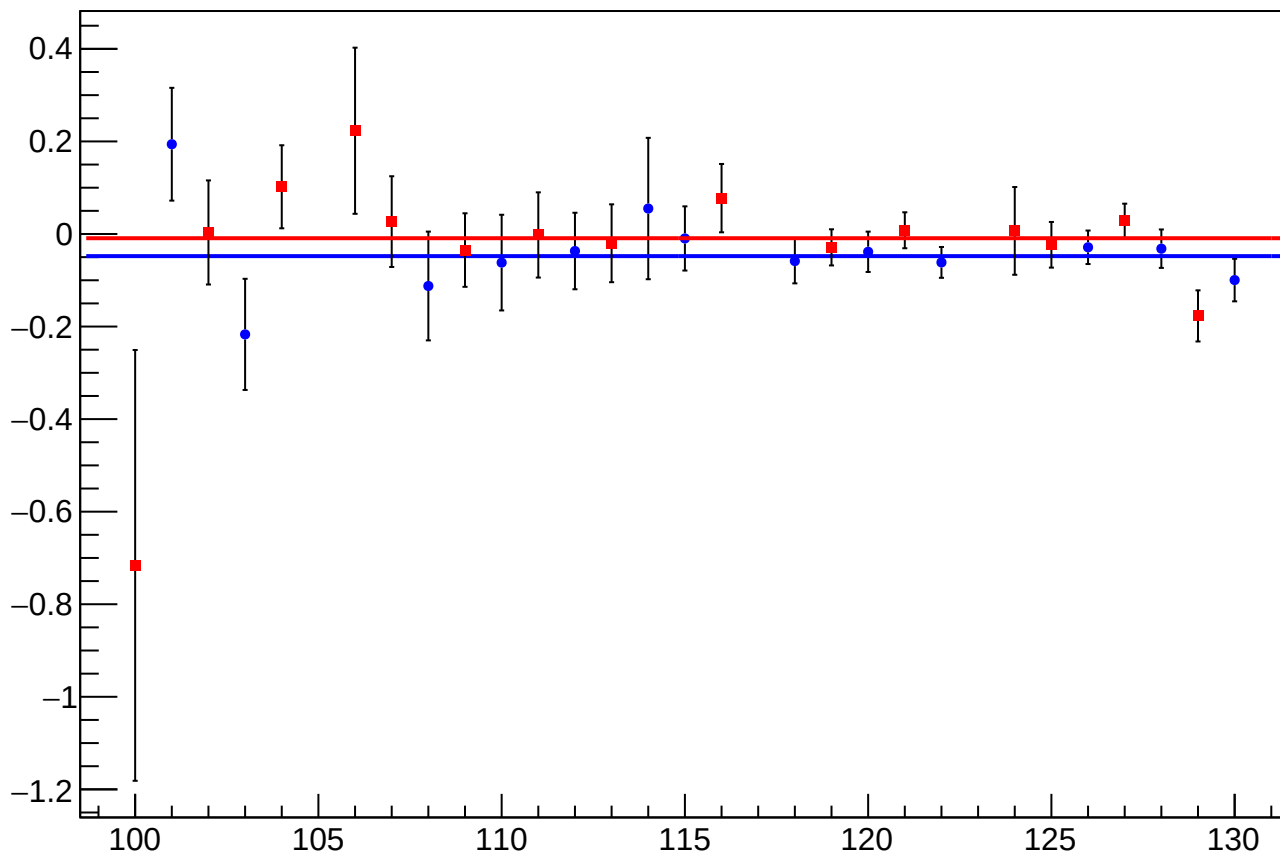
Right: 33.038+/-0.008 χ^2/NDF : 4000382.7/27

In: 31.252+/-0.011 χ^2/NDF :2191948.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 33.038+/-0.008 χ^2/NDF : 4000382.7/27

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.048 $\pm$ 0.015 χ^2 /NDF: 9.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.009 $\pm$ 0.016 χ^2 /NDF: 18.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

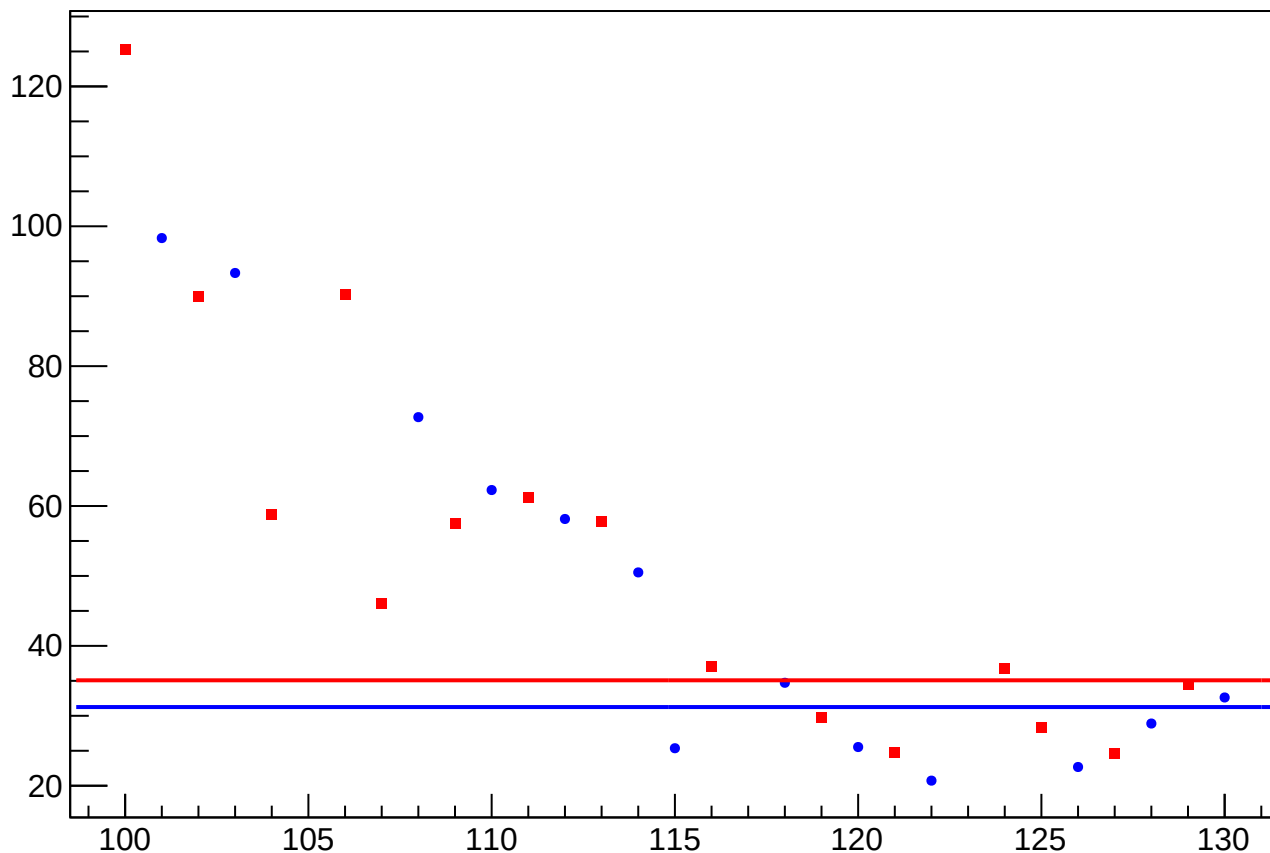
Right: -0.030 $\pm$ 0.011 χ^2 /NDF: 30.0/27

In: -0.048 $\pm$ 0.015 χ^2 /NDF:9.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.030 $\pm$ 0.011 χ^2 /NDF: 30.0/27

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.252+/-0.011 χ^2/NDF : 2191948.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 35.076+/-0.011 χ^2/NDF : 1748644.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

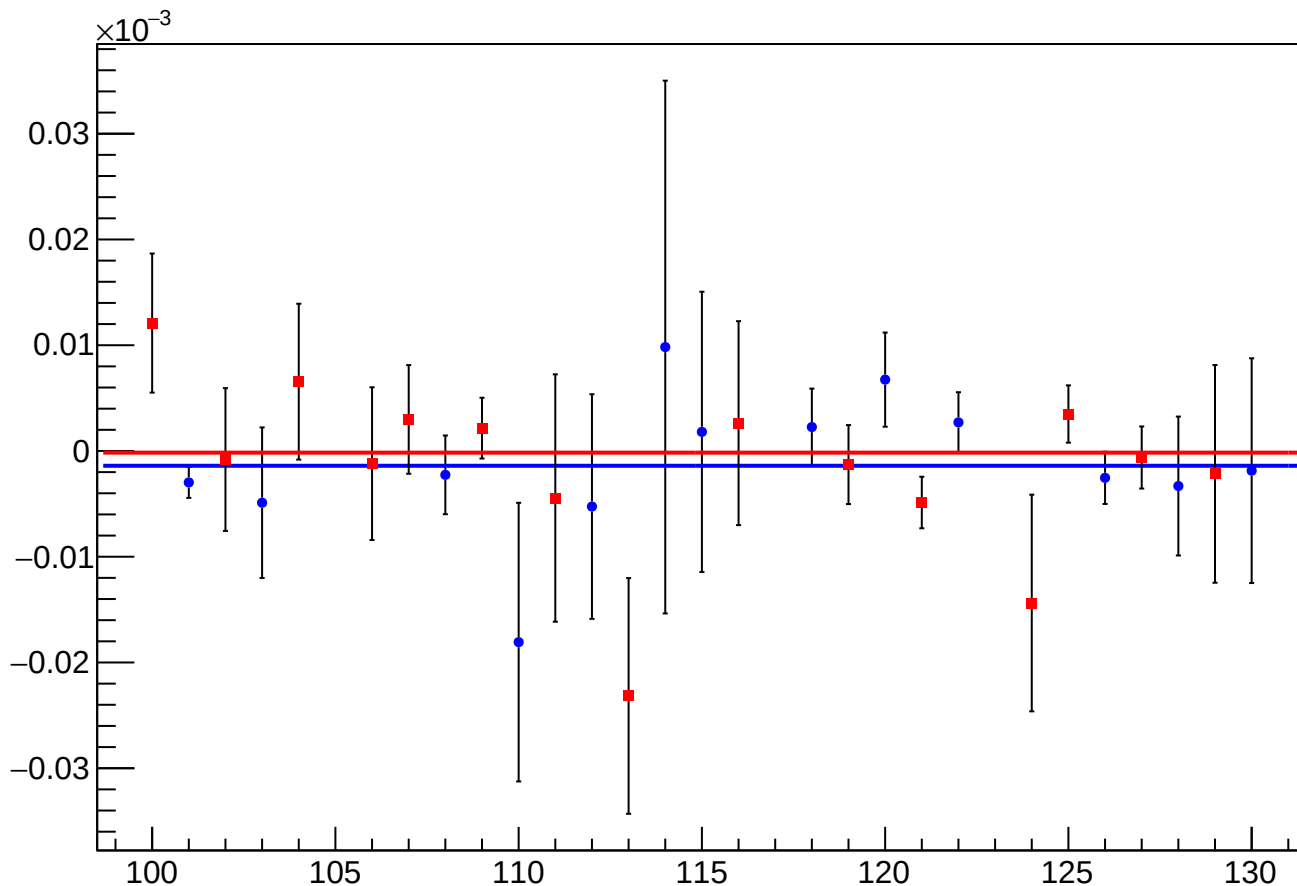
Right: 33.038+/-0.008 χ^2/NDF : 4000382.7/27

In: 31.252+/-0.011 χ^2/NDF :2191948.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 33.038+/-0.008 χ^2/NDF : 4000382.7/27

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

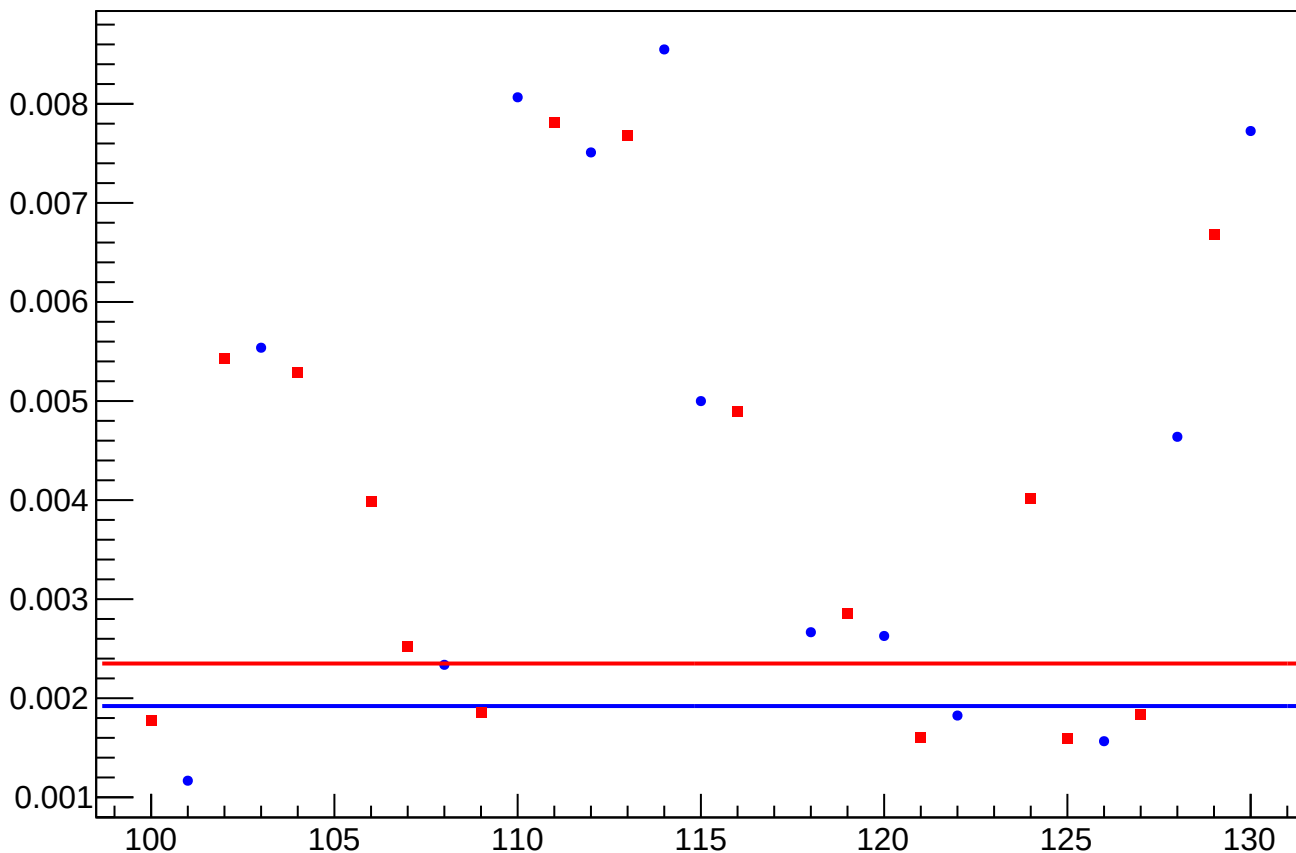
Right: -0.000+/-0.000 χ^2/NDF : 28.3/27

In: -0.000+/-0.000 χ^2/NDF : 10.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.3/27

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000

χ^2/NDF : 3423117.8/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000

χ^2/NDF : 2797435.9/14

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.002+/-0.000

χ^2/NDF : 6383713.4/27

In: 0.002+/-0.000

χ^2/NDF : 3423117.8/12

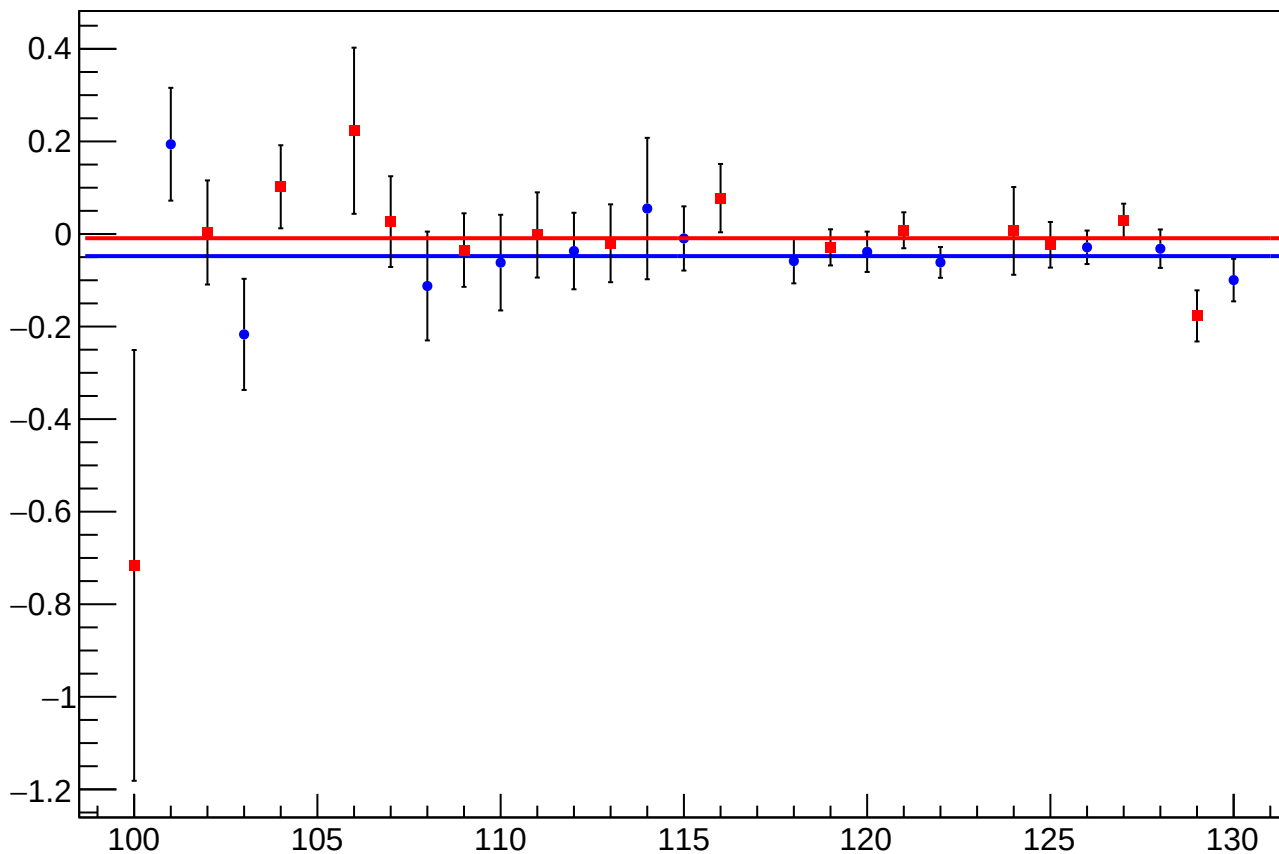
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.002+/-0.000

χ^2/NDF : 6383713.4/27

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.048 ± 0.015 χ^2/NDF : 9.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.009 ± 0.016 χ^2/NDF : 18.0/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

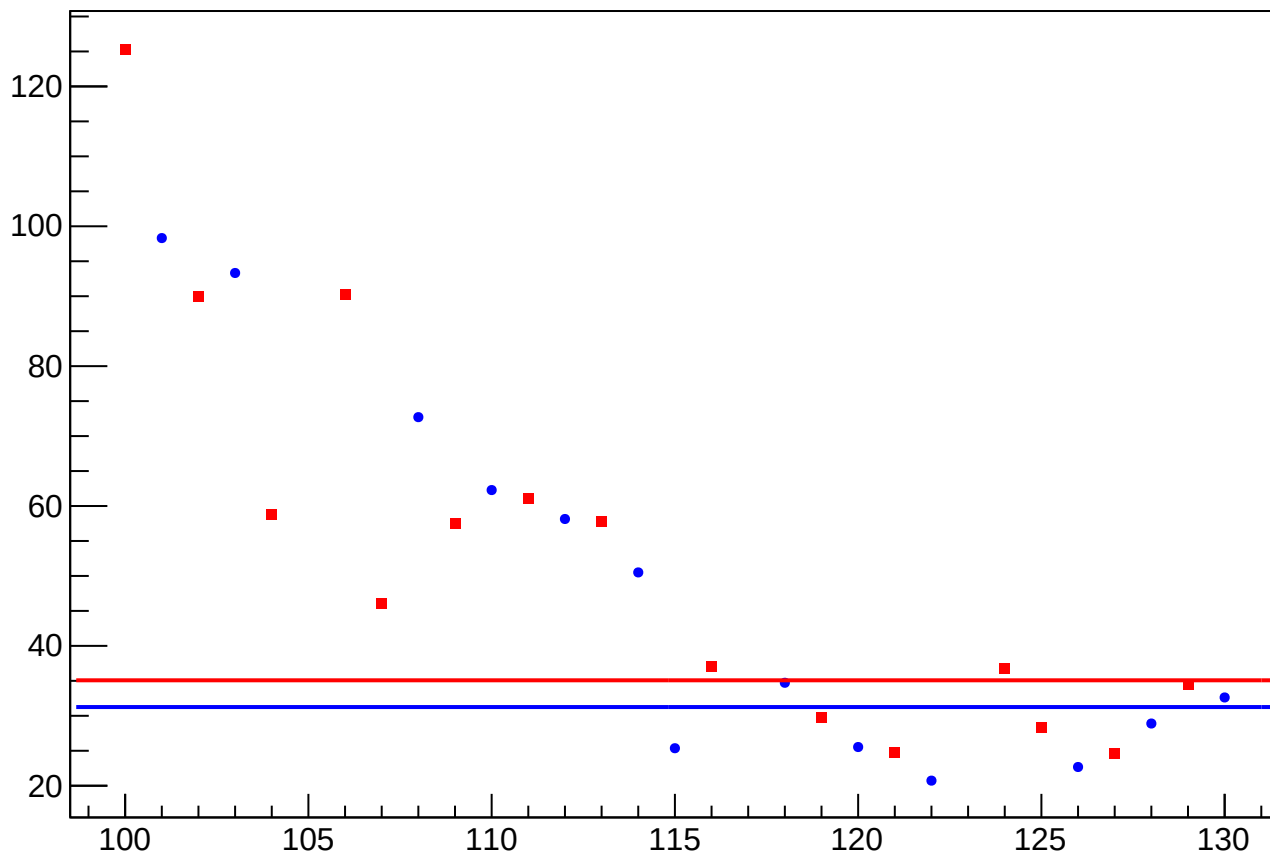
Right: -0.030 ± 0.011 χ^2/NDF : 30.0/27

In: -0.048 ± 0.015 χ^2/NDF : 9.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.030 ± 0.011 χ^2/NDF : 30.0/27

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.252+/-0.011 χ^2/NDF : 2191921.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 35.076+/-0.011 χ^2/NDF : 1748583.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

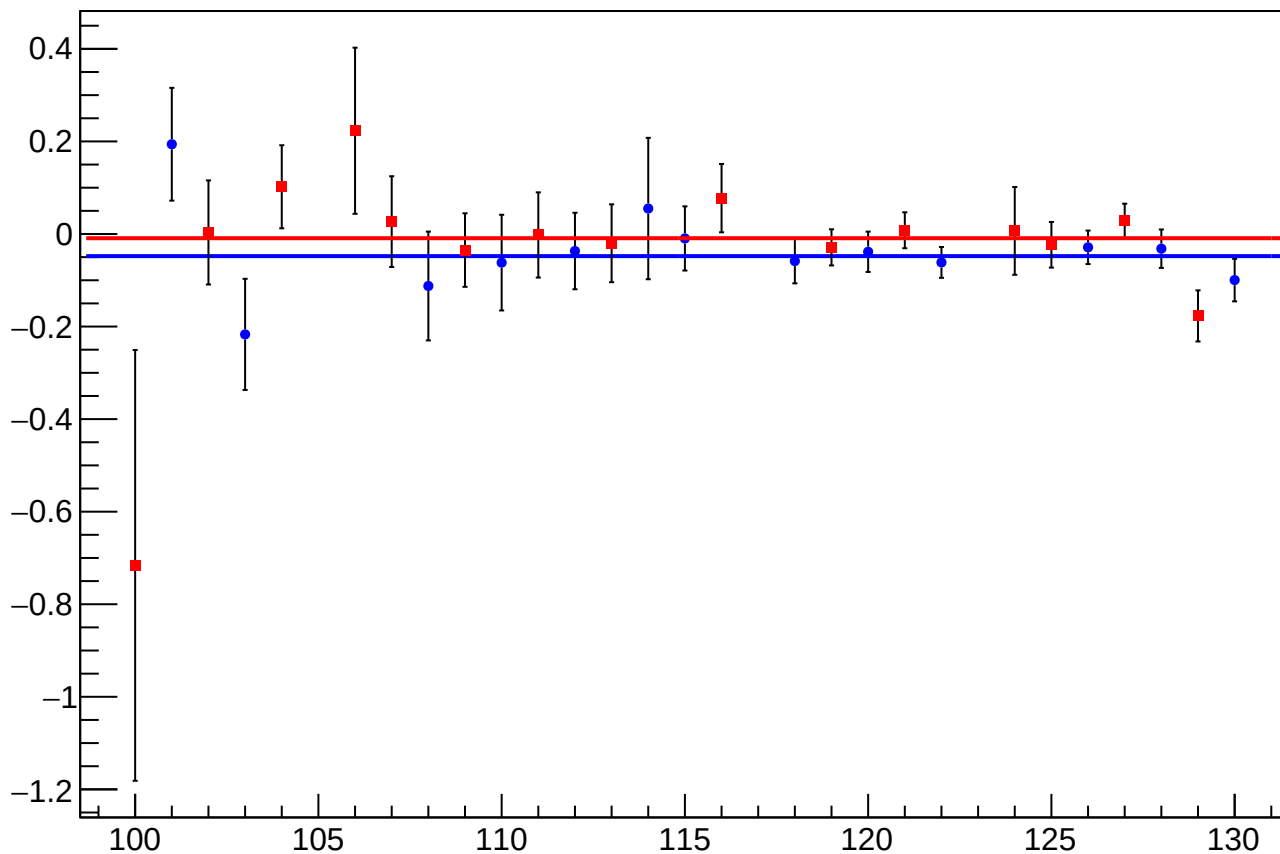
Right: 33.039+/-0.008 χ^2/NDF : 4000289.9/27

In: 31.252+/-0.011 χ^2/NDF :2191921.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 33.039+/-0.008 χ^2/NDF : 4000289.9/27

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.048 $\pm$ 0.015 χ^2 /NDF: 9.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.009 $\pm$ 0.016 χ^2 /NDF: 18.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

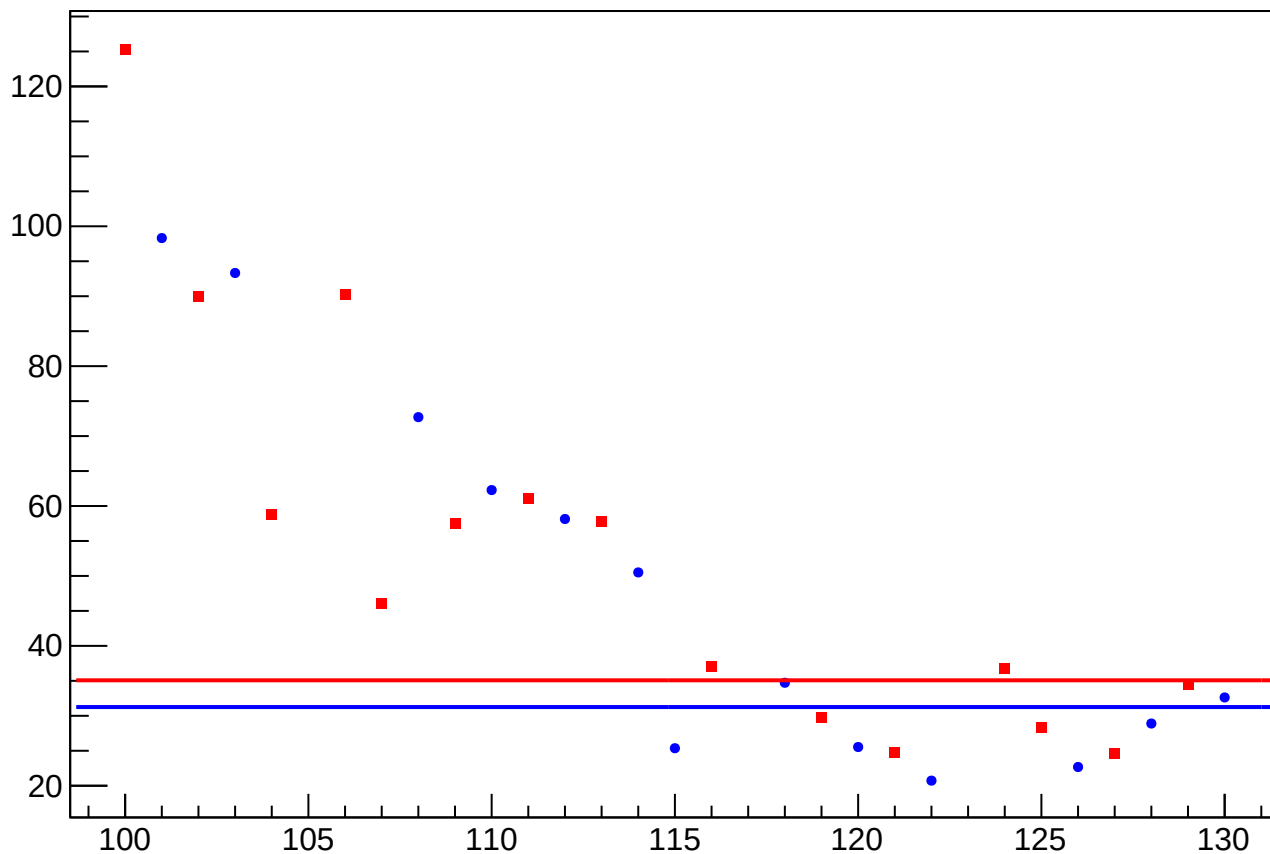
Right: -0.030 $\pm$ 0.011 χ^2 /NDF: 30.0/27

In: -0.048 $\pm$ 0.015 χ^2 /NDF:9.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.030 $\pm$ 0.011 χ^2 /NDF: 30.0/27

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.252+/-0.011 χ^2/NDF : 2191921.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.076+/-0.011 χ^2/NDF : 1748583.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

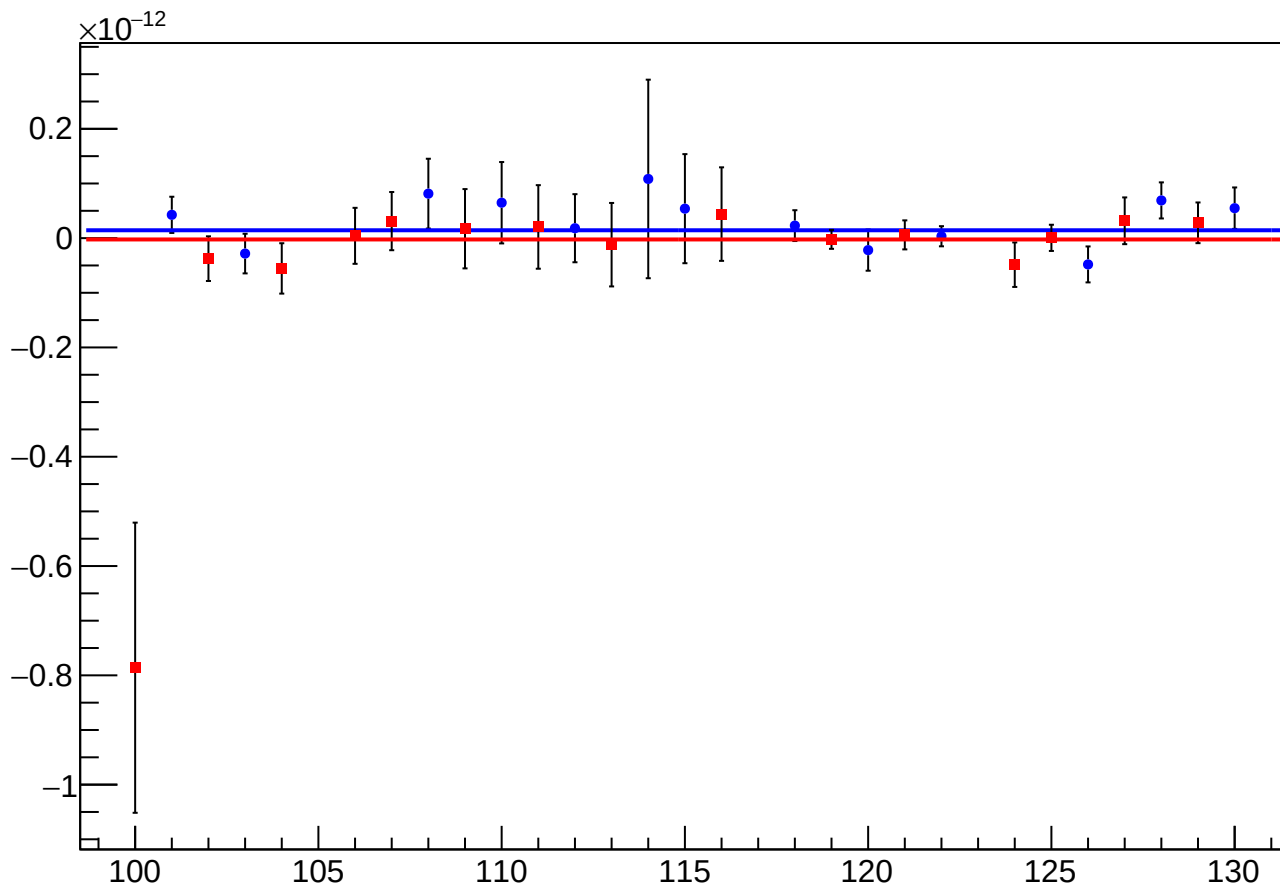
Right: 33.039+/-0.008 χ^2/NDF : 4000289.9/27

In: 31.252+/-0.011 χ^2/NDF : 2191921.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.039+/-0.008 χ^2/NDF : 4000289.9/27

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

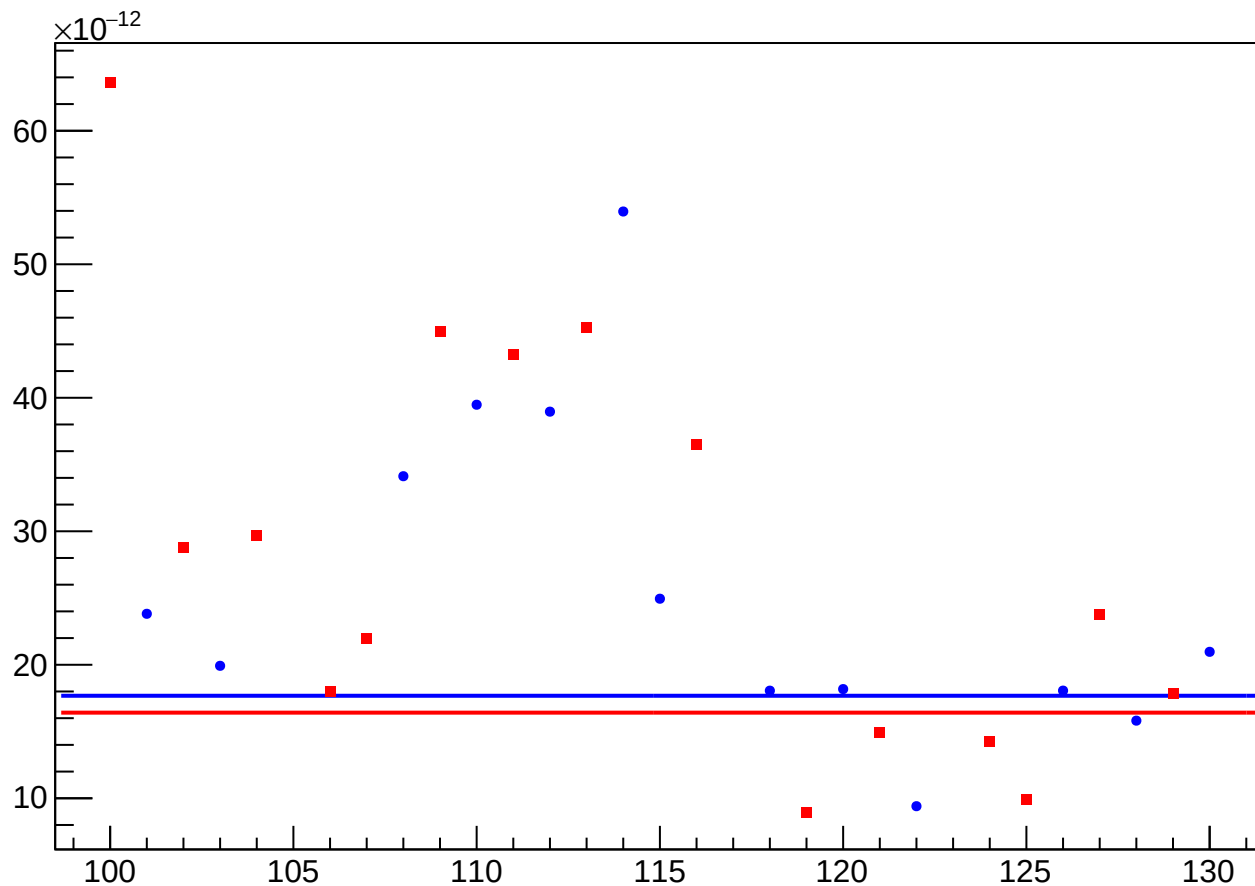
Right: 0.000+/-0.000 χ^2/NDF : 28.8/27

In: 0.000+/-0.000 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.8/27

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1129466.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1981067.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

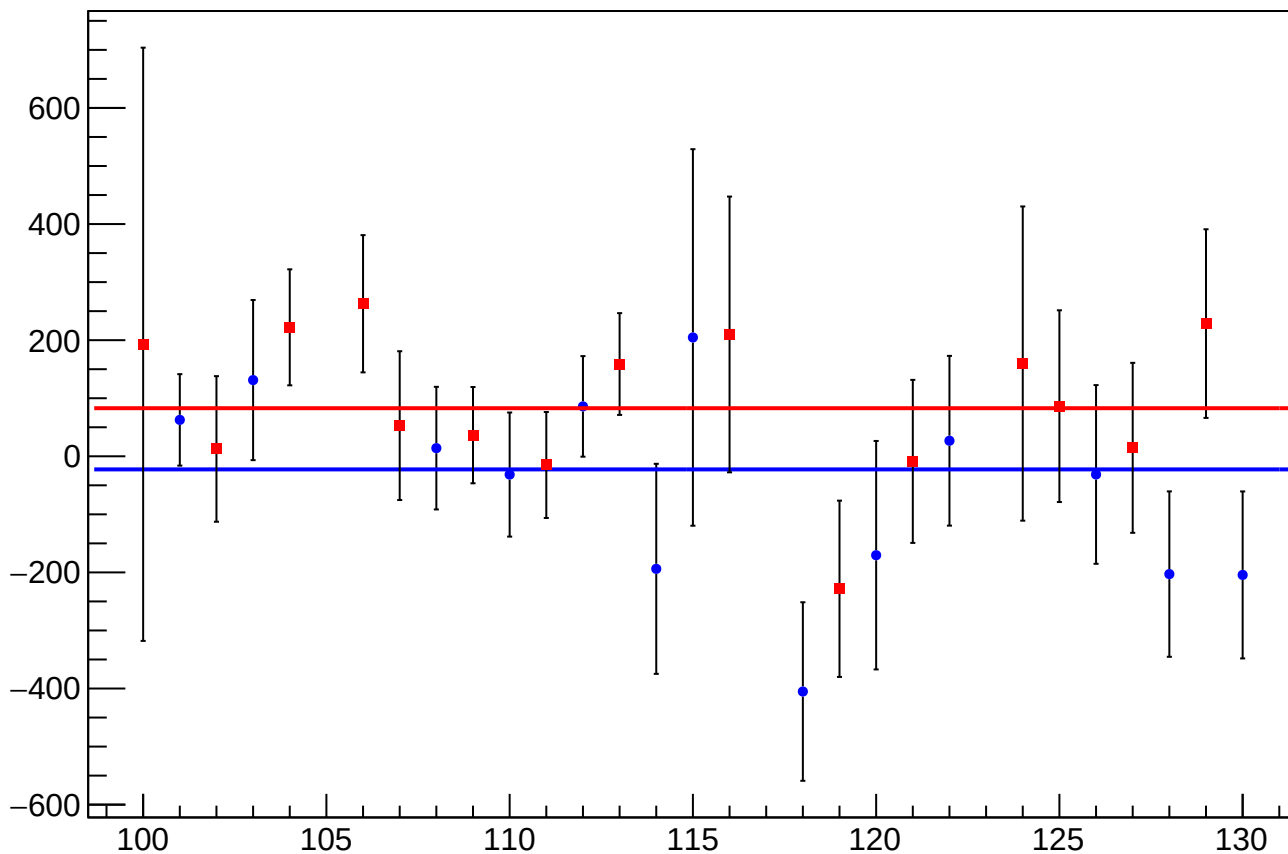
Right: 0.000+/-0.000 χ^2/NDF : 3127114.5/27

In: 0.000+/-0.000 χ^2/NDF : 1129466.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3127114.5/27

reg_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -22.577+/-34.941 χ^2/NDF : 15.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.830+/-32.573 χ^2/NDF : 12.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

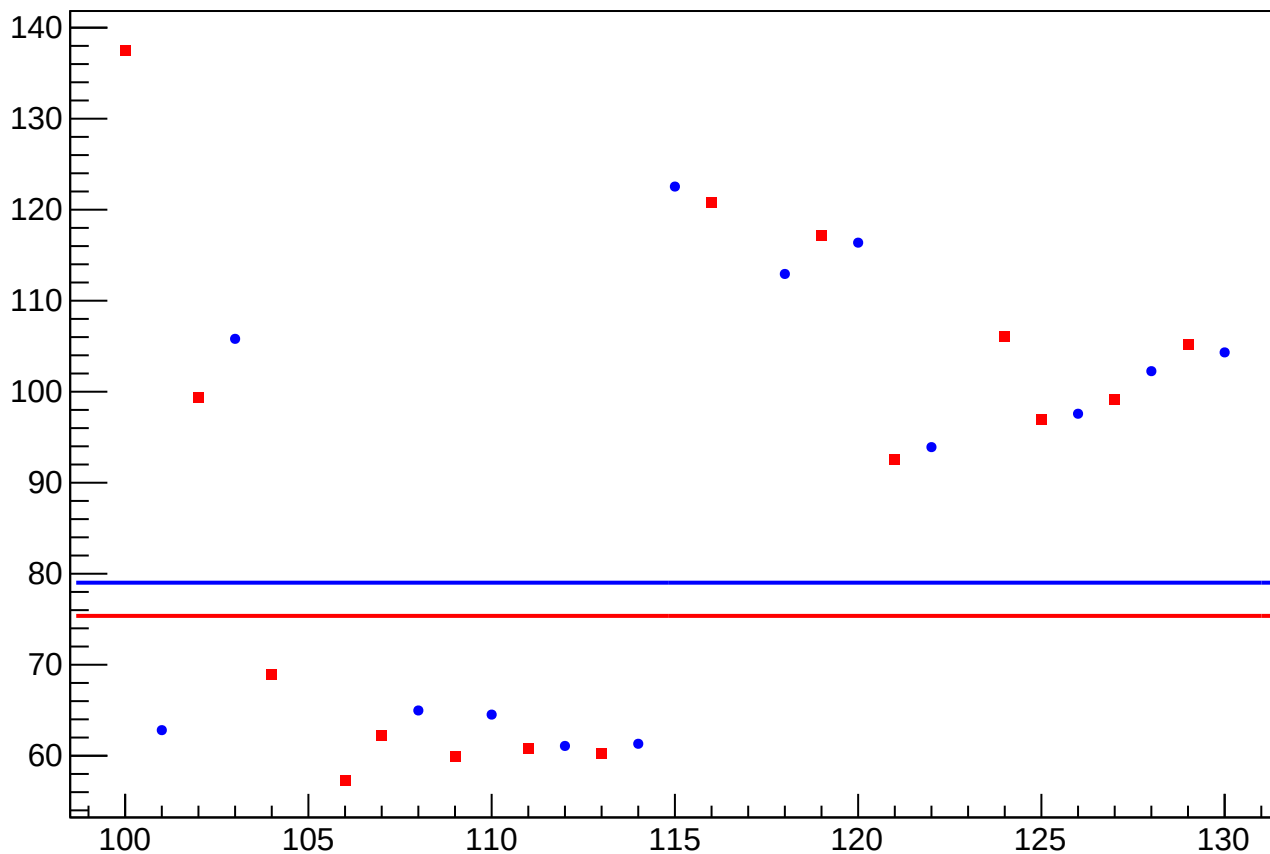
Right: 33.819+/-23.825 χ^2/NDF : 33.3/27

In: -22.577+/-34.941 χ^2/NDF : 15.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.819+/-23.825 χ^2/NDF : 33.3/27

reg_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 79.017+/-0.025 χ^2/NDF : 707691.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.368+/-0.023 χ^2/NDF : 793036.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

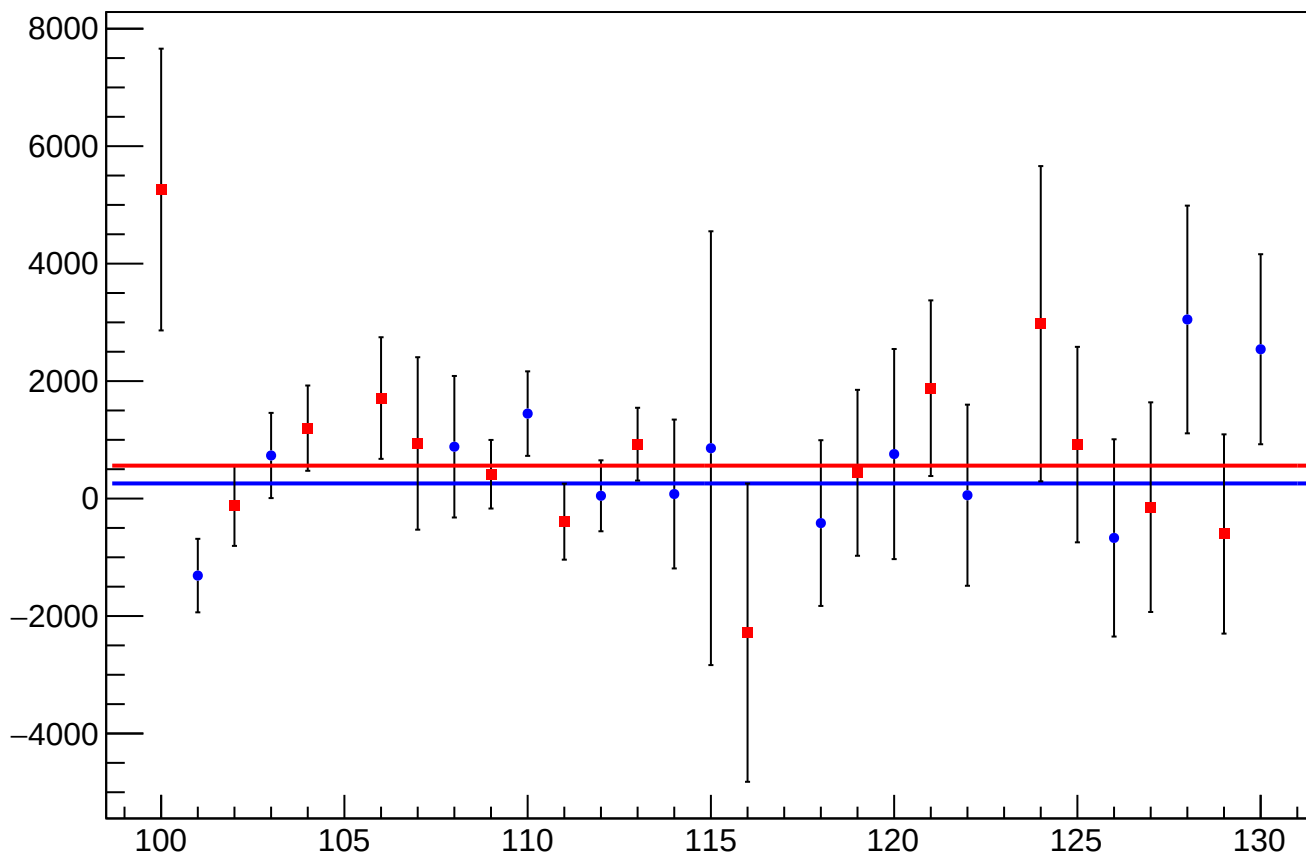
Right: 77.064+/-0.017 χ^2/NDF : 1512398.1/27

In: 79.017+/-0.025 χ^2/NDF : 707691.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.064+/-0.017 χ^2/NDF : 1512398.1/27

asym_sam_1548_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 257.593 $\pm$ 280.069 χ^2 /NDF: 14.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 560.869 $\pm$ 251.759 χ^2 /NDF: 13.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

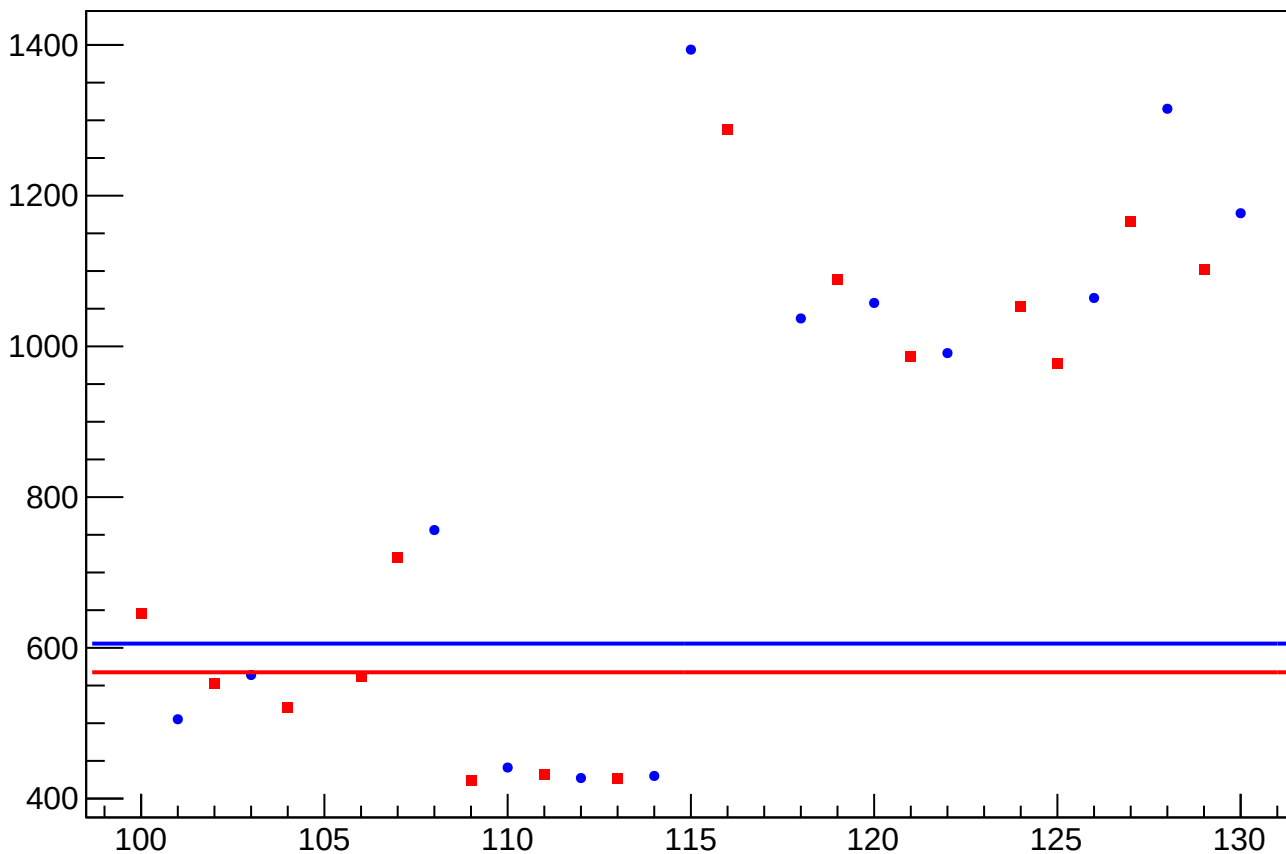
Right: 425.329 $\pm$ 187.232 χ^2 /NDF: 28.2/27

In: 257.593 $\pm$ 280.069 χ^2 /NDF:14.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 425.329 $\pm$ 187.232 χ^2 /NDF: 28.2/27

asym_sam_1548_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 605.633+/-0.198 χ^2/NDF : 1603864.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 567.556+/-0.178 χ^2/NDF : 1544592.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

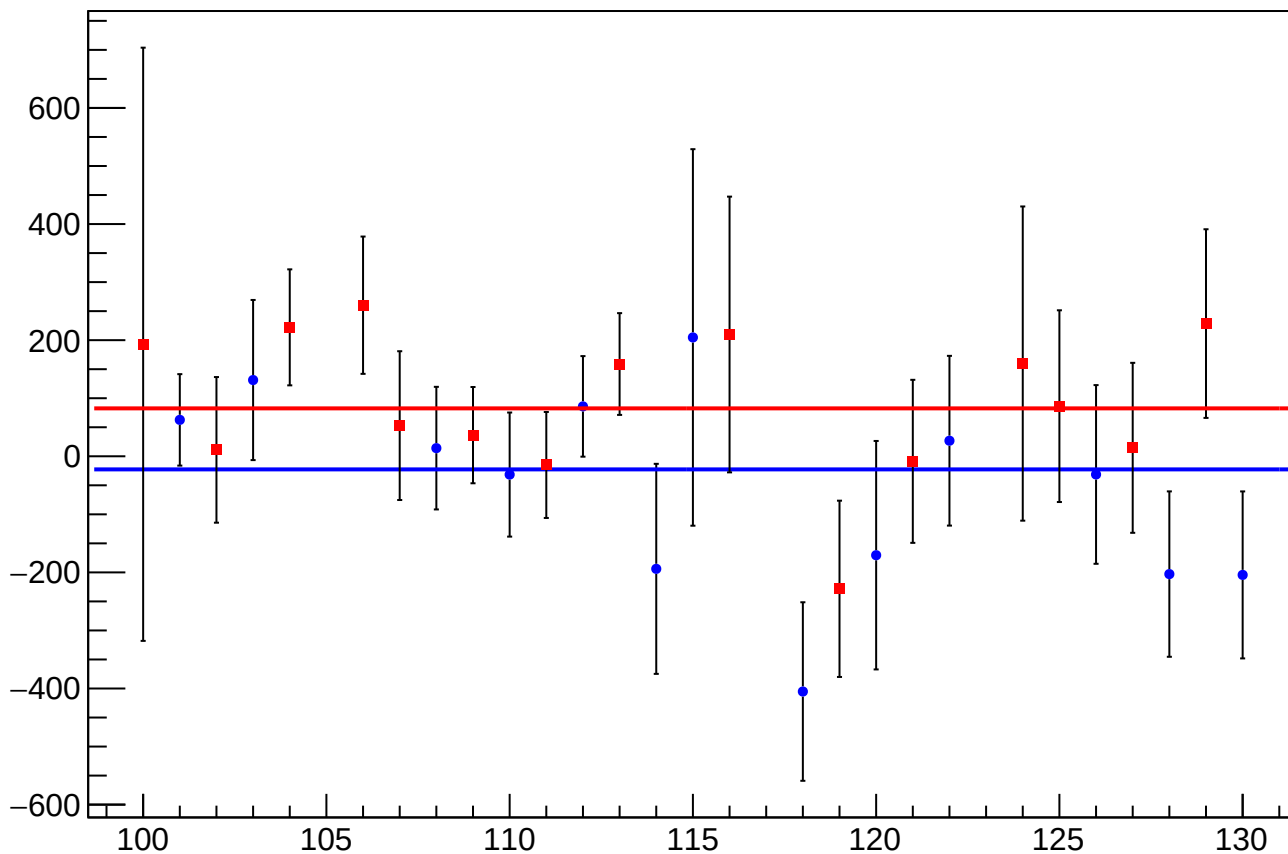
Right: 584.573+/-0.132 χ^2/NDF : 3168903.6/27

In: 605.633+/-0.198 χ^2/NDF : 1603864.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 584.573+/-0.132 χ^2/NDF : 3168903.6/27

cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -22.582 ± 34.941 χ^2/NDF : 15.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 82.515 ± 32.575 χ^2/NDF : 12.9/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

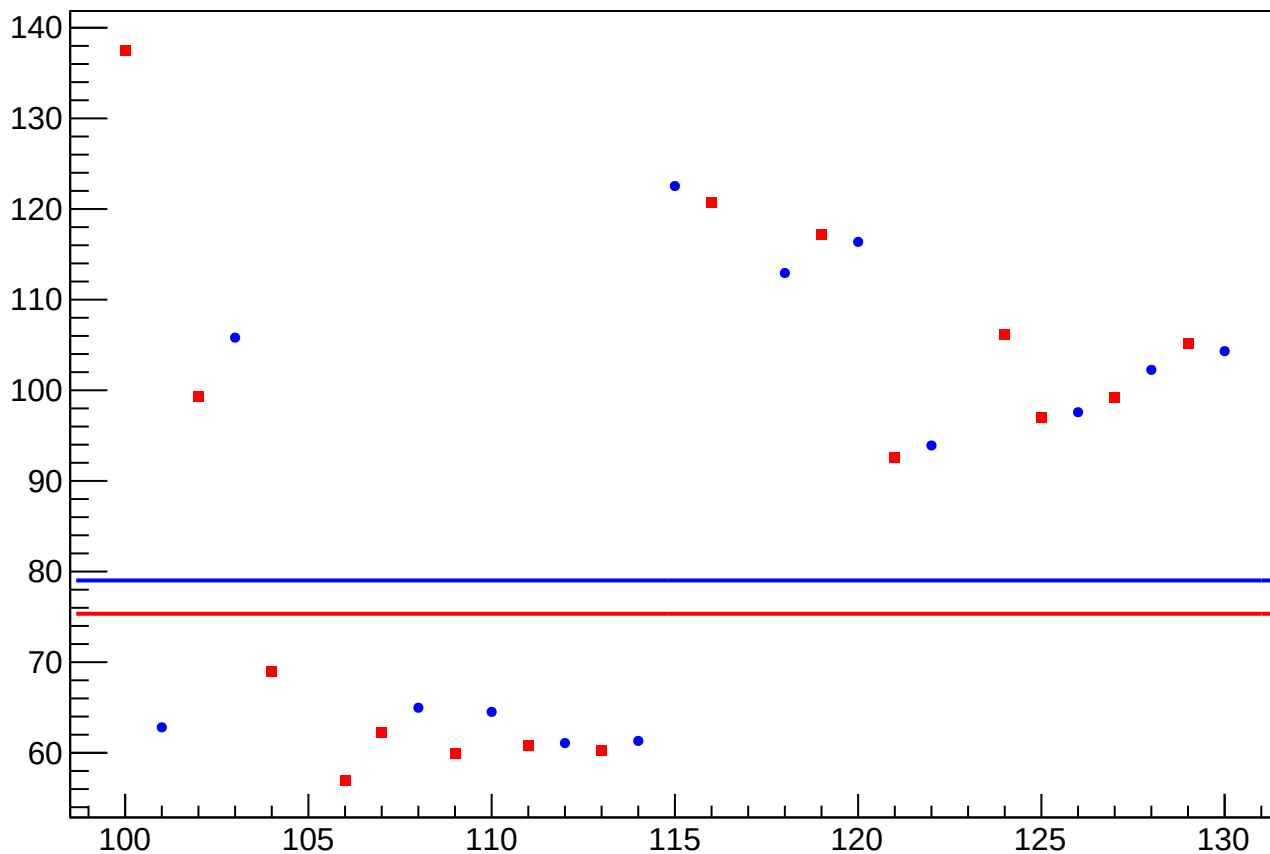
Right: 33.644 ± 23.826 χ^2/NDF : 33.3/27

In: -22.582 ± 34.941 χ^2/NDF : 15.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 33.644 ± 23.826 χ^2/NDF : 33.3/27

cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 79.017+/-0.025 χ^2/NDF : 707693.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.345+/-0.023 χ^2/NDF : 794928.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

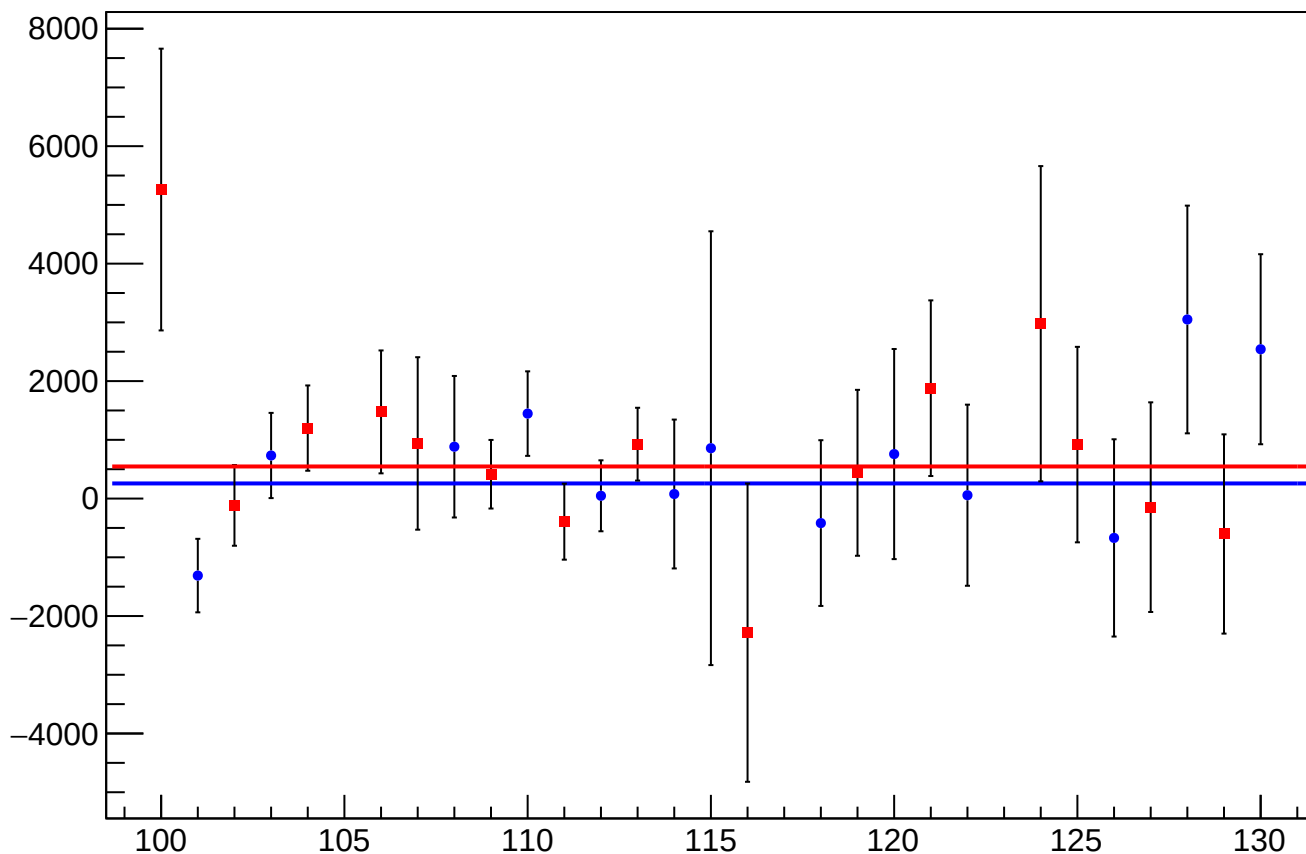
Right: 77.052+/-0.017 χ^2/NDF : 1514436.2/27

In: 79.017+/-0.025 χ^2/NDF : 707693.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.052+/-0.017 χ^2/NDF : 1514436.2/27

asym_sam_1548_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 257.567+/-280.074 χ^2/NDF : 14.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 546.439+/-251.933 χ^2/NDF : 12.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

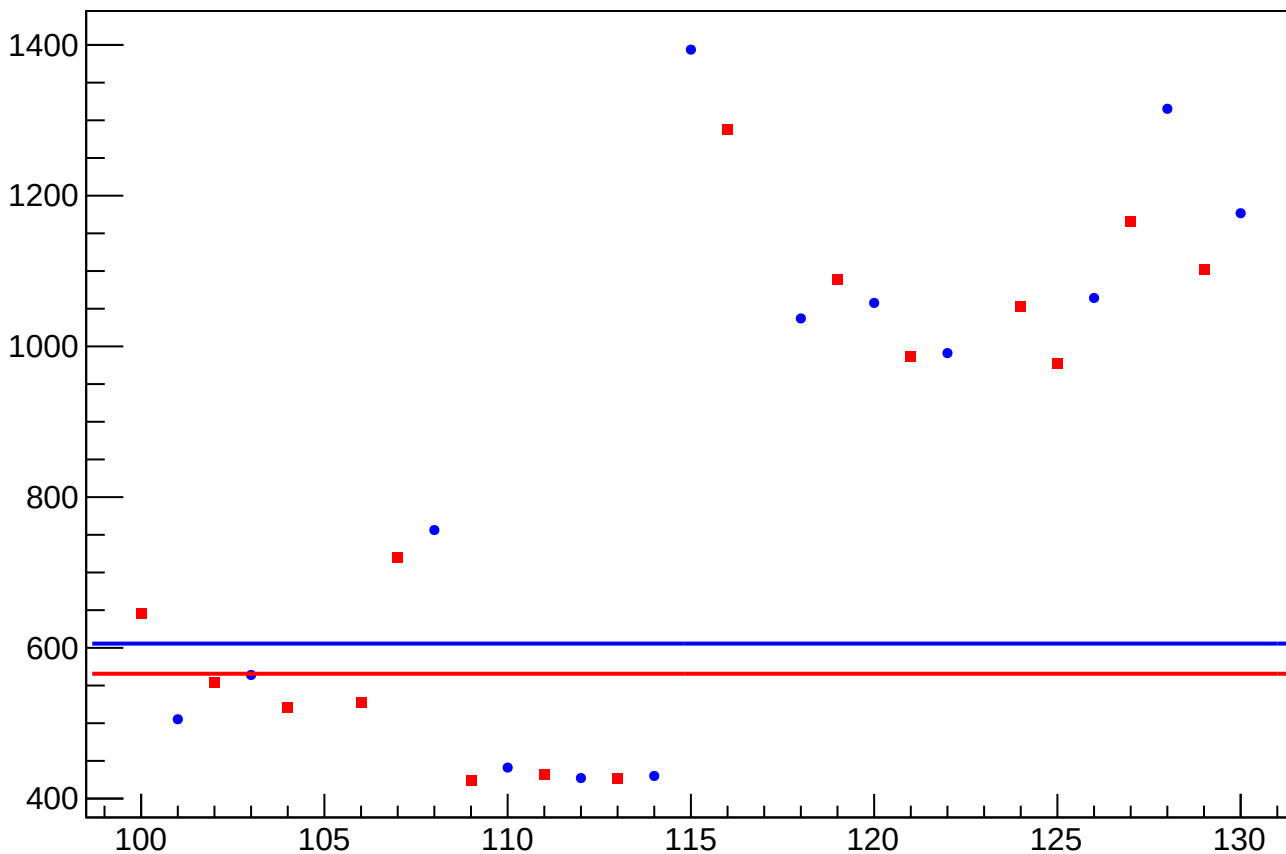
Right: 417.240+/-187.305 χ^2/NDF : 27.7/27

In: 257.567+/-280.074 χ^2/NDF : 14.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 417.240+/-187.305 χ^2/NDF : 27.7/27

asym_sam_1548_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 605.643+/-0.198 χ^2/NDF : 1603843.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 565.637+/-0.178 χ^2/NDF : 1547307.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

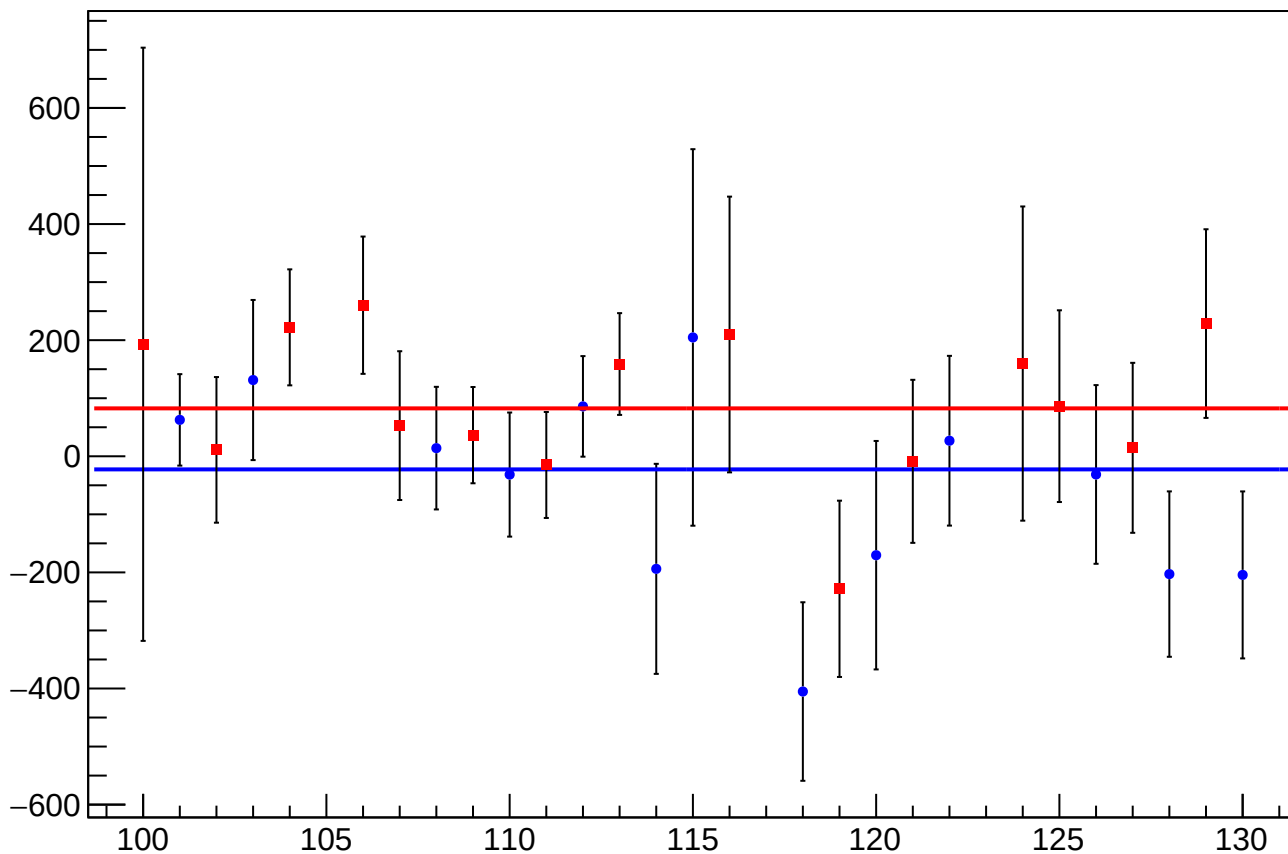
Right: 583.530+/-0.132 χ^2/NDF : 3173707.5/27

In: 605.643+/-0.198 χ^2/NDF : 1603843.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 583.530+/-0.132 χ^2/NDF : 3173707.5/27

eigen_cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -22.582 ± 34.941 χ^2/NDF : 15.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 82.515 ± 32.575 χ^2/NDF : 12.9/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

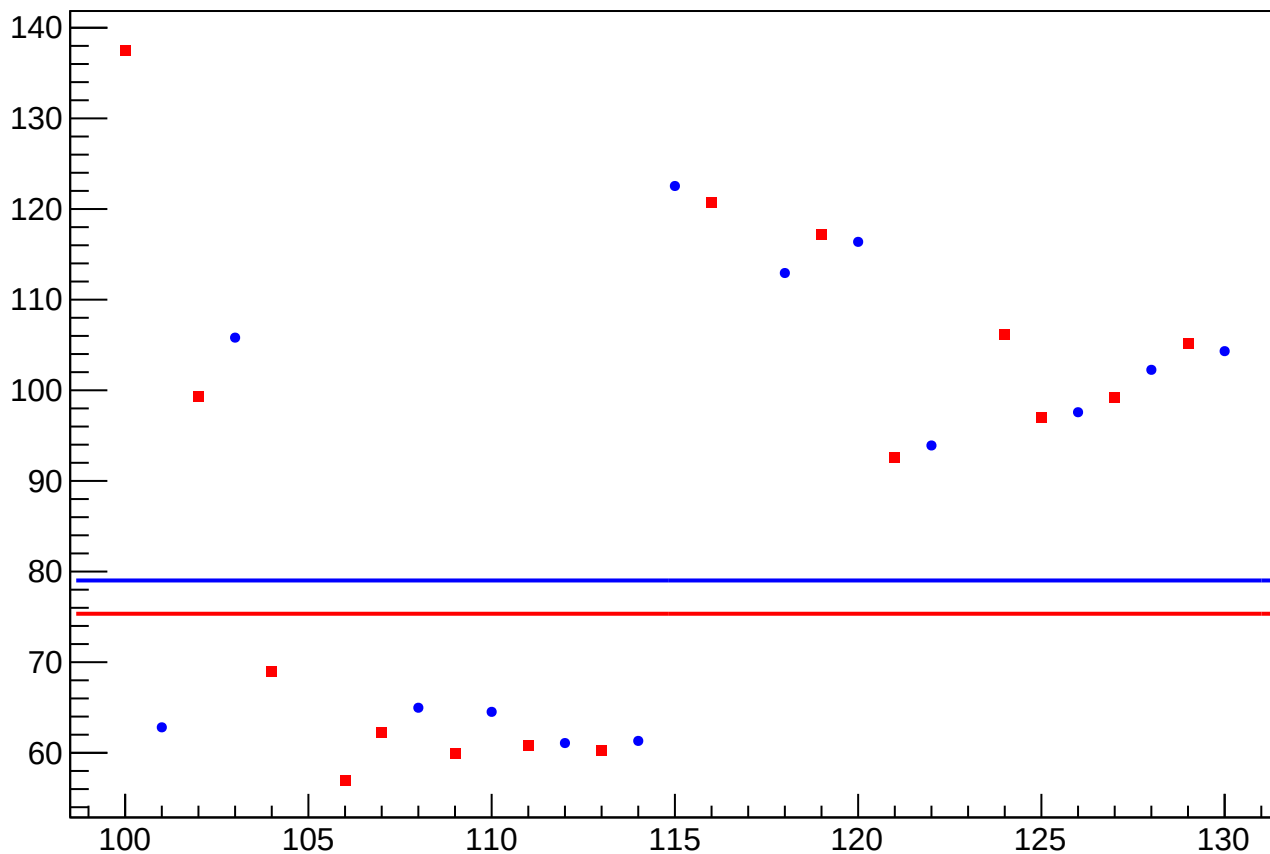
Right: 33.644 ± 23.826 χ^2/NDF : 33.3/27

In: -22.582 ± 34.941 χ^2/NDF : 15.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 33.644 ± 23.826 χ^2/NDF : 33.3/27

eigen_cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 79.017+/-0.025 χ^2/NDF : 707693.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.345+/-0.023 χ^2/NDF : 794928.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

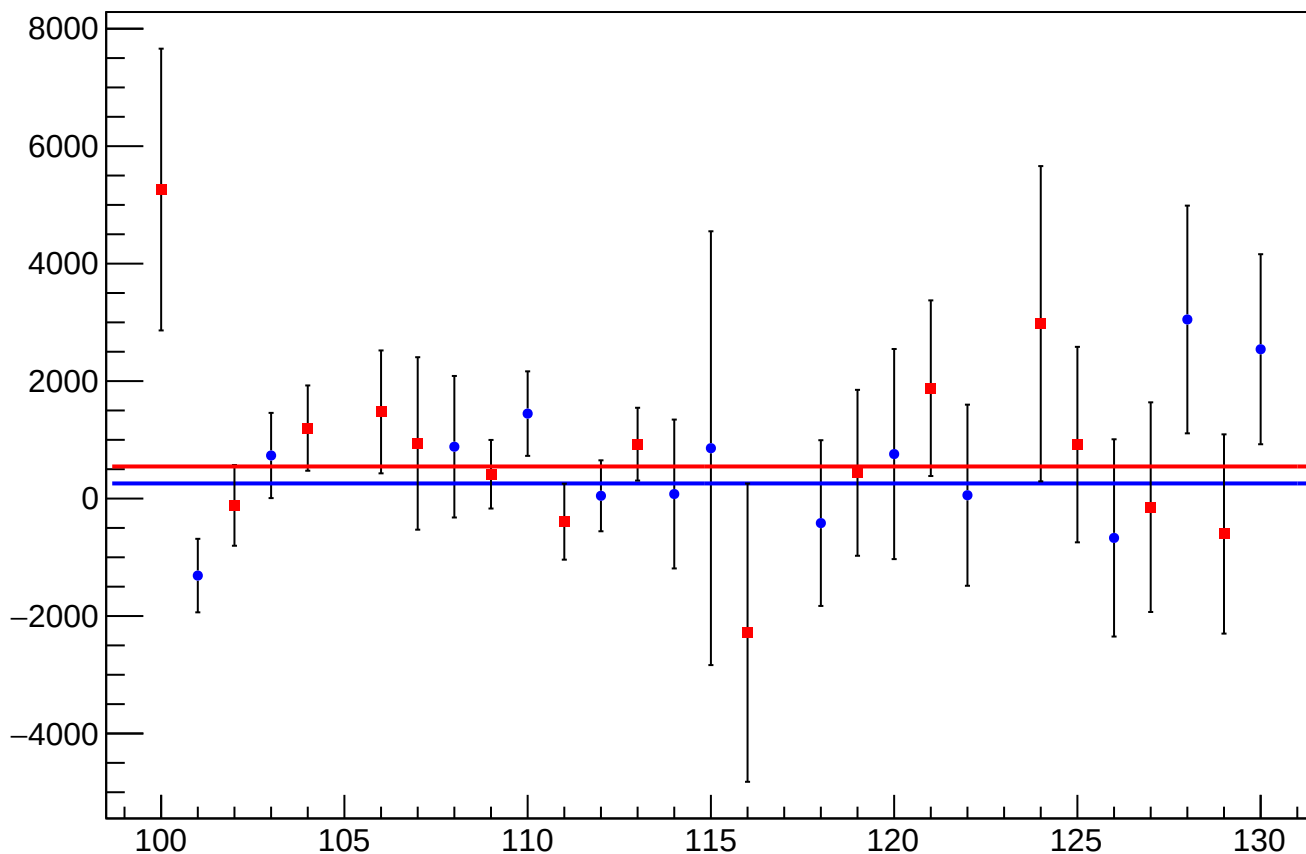
Right: 77.052+/-0.017 χ^2/NDF : 1514436.2/27

In: 79.017+/-0.025 χ^2/NDF : 707693.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.052+/-0.017 χ^2/NDF : 1514436.2/27

asym_sam_1548_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 257.567+/-280.074 χ^2/NDF : 14.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 546.439+/-251.933 χ^2/NDF : 12.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

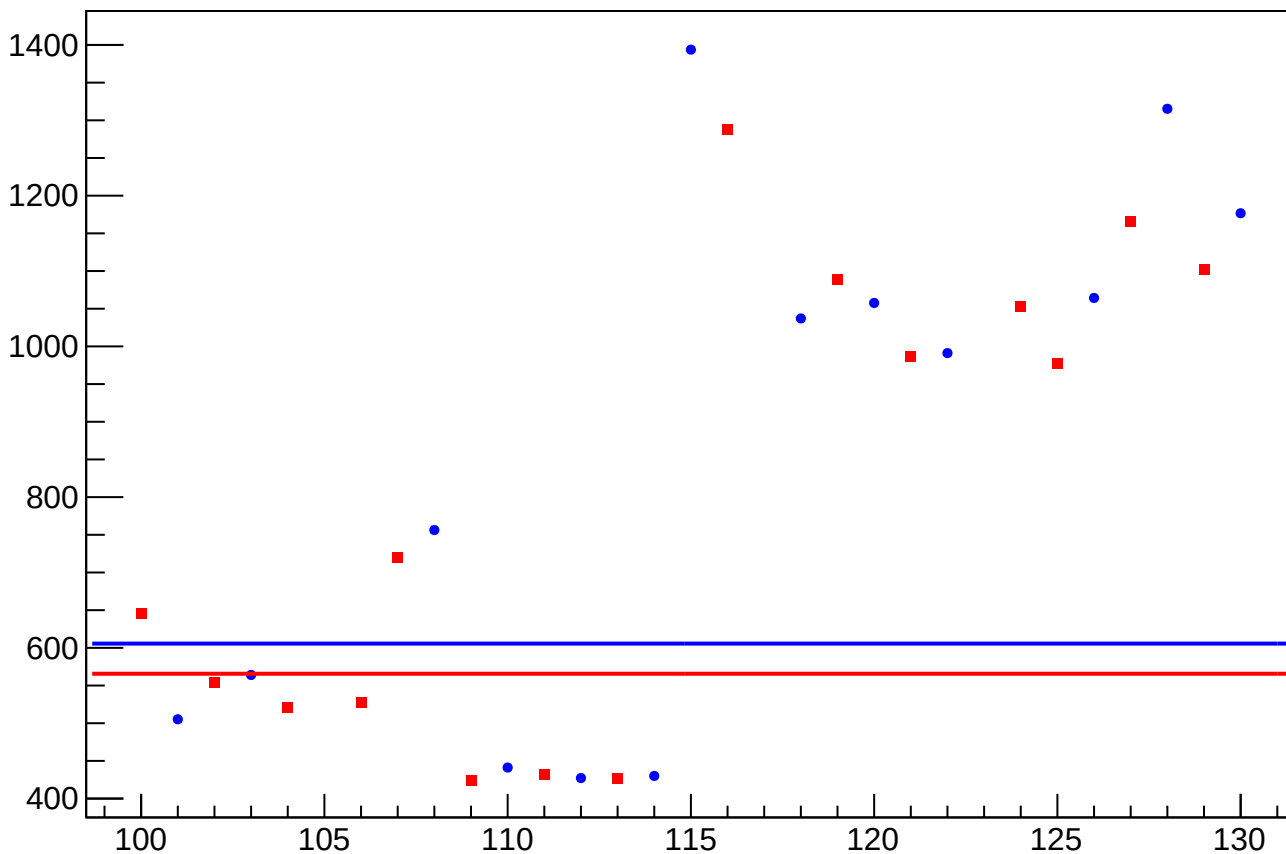
Right: 417.240+/-187.305 χ^2/NDF : 27.7/27

In: 257.567+/-280.074 χ^2/NDF : 14.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 417.240+/-187.305 χ^2/NDF : 27.7/27

asym_sam_1548_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 605.643+/-0.198 χ^2/NDF : 1603843.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 565.637+/-0.178 χ^2/NDF : 1547307.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

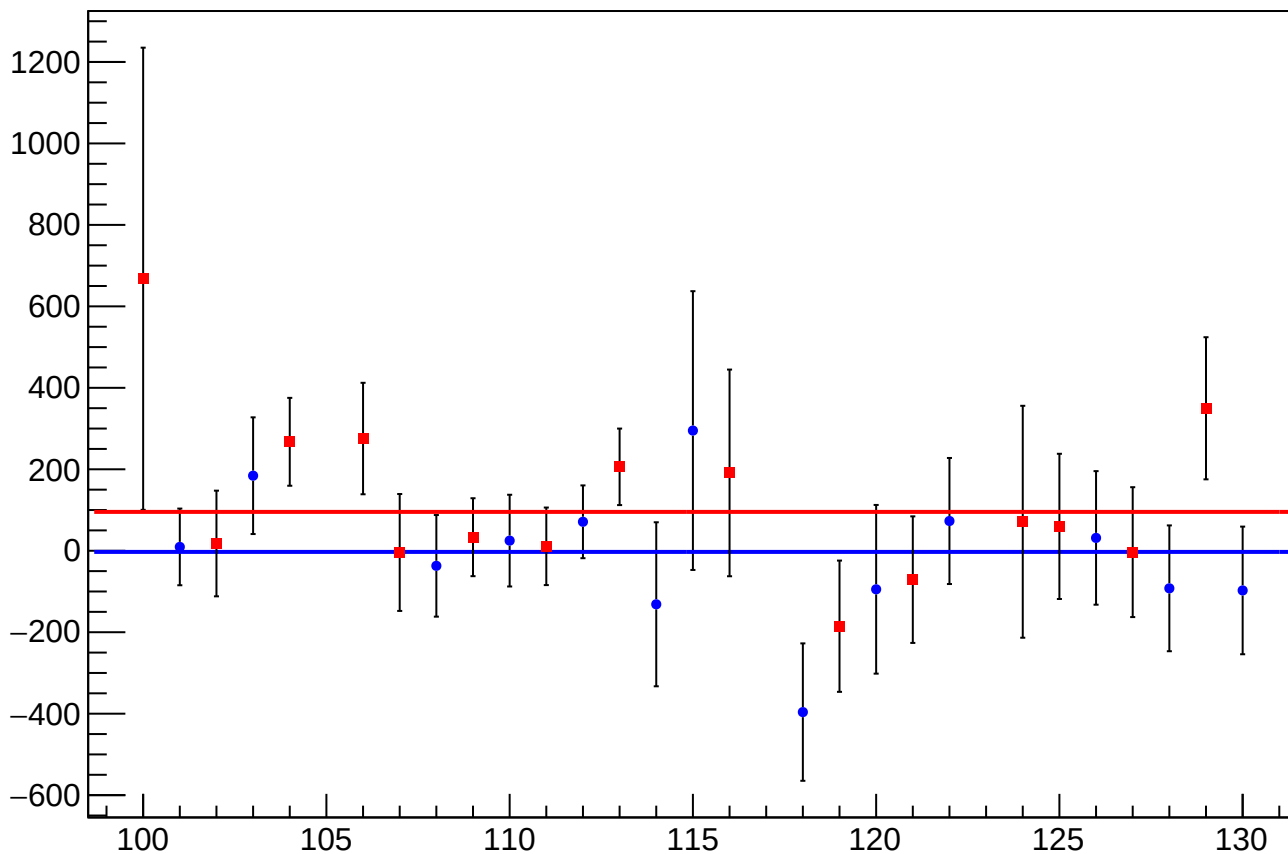
Right: 583.530+/-0.132 χ^2/NDF : 3173707.5/27

In: 605.643+/-0.198 χ^2/NDF : 1603843.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 583.530+/-0.132 χ^2/NDF : 3173707.5/27

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -2.820 ± 38.255 $\chi^2/\text{NDF}: 10.3/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 95.413 ± 35.468 $\chi^2/\text{NDF}: 15.6/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

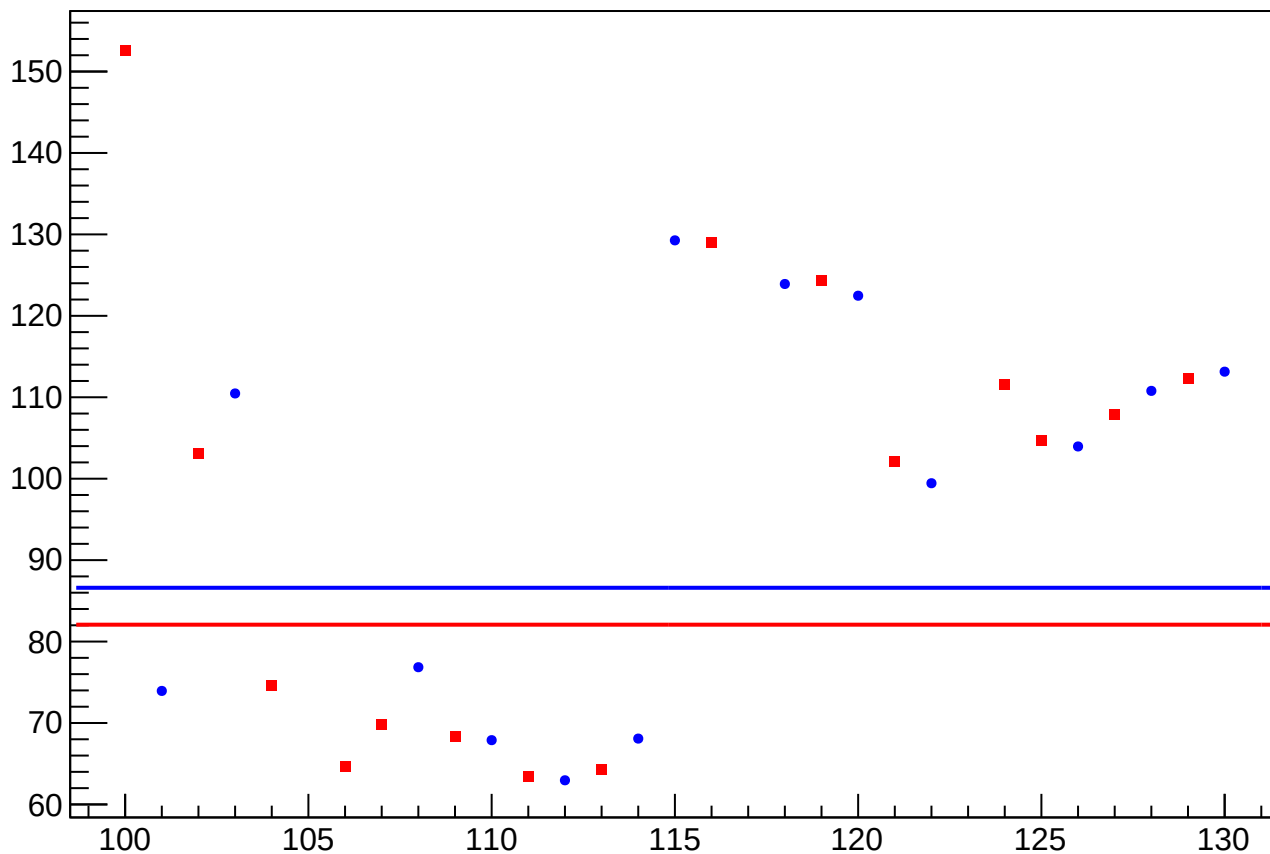
Right: 50.006 ± 26.009 $\chi^2/\text{NDF}: 29.5/27$

In: -2.820 ± 38.255 $\chi^2/\text{NDF}: 10.3/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 50.006 ± 26.009 $\chi^2/\text{NDF}: 29.5/27$

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 86.605 $\pm$ 0.027 χ^2 /NDF: 647585.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 82.073 $\pm$ 0.025 χ^2 /NDF: 734861.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

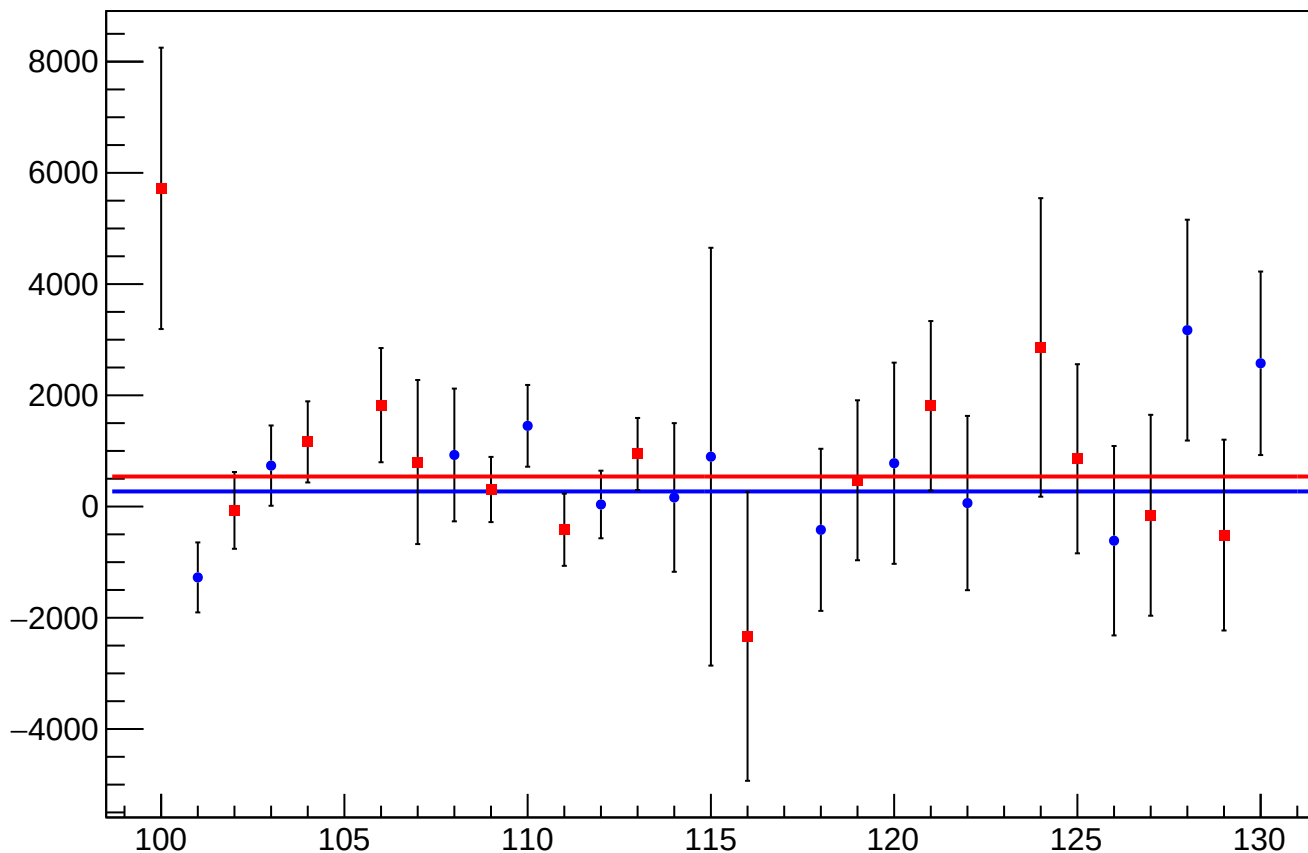
Right: 84.168 $\pm$ 0.018 χ^2 /NDF: 1397544.4/27

In: 86.605 $\pm$ 0.027 χ^2 /NDF:647585.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 84.168 $\pm$ 0.018 χ^2 /NDF: 1397544.4/27

asym_sam_1548_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 271.759+/-283.008 χ^2/NDF : 14.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 540.117+/-254.795 χ^2/NDF : 13.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

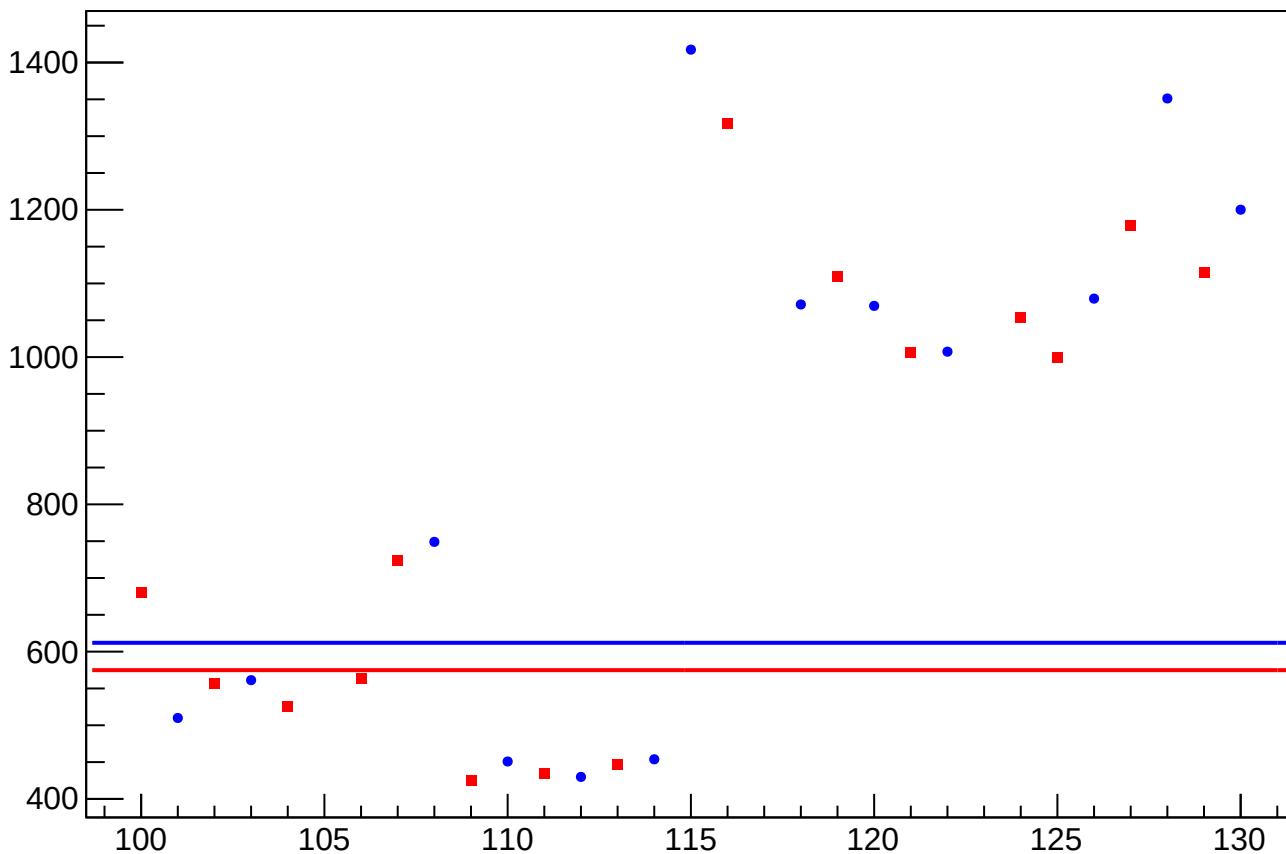
Right: 419.977+/-189.359 χ^2/NDF : 27.9/27

In: 271.759+/-283.008 χ^2/NDF : 14.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 419.977+/-189.359 χ^2/NDF : 27.9/27

asym_sam_1548_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 612.012+/-0.200 χ^2/NDF : 1620698.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 574.848+/-0.180 χ^2/NDF : 1546980.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

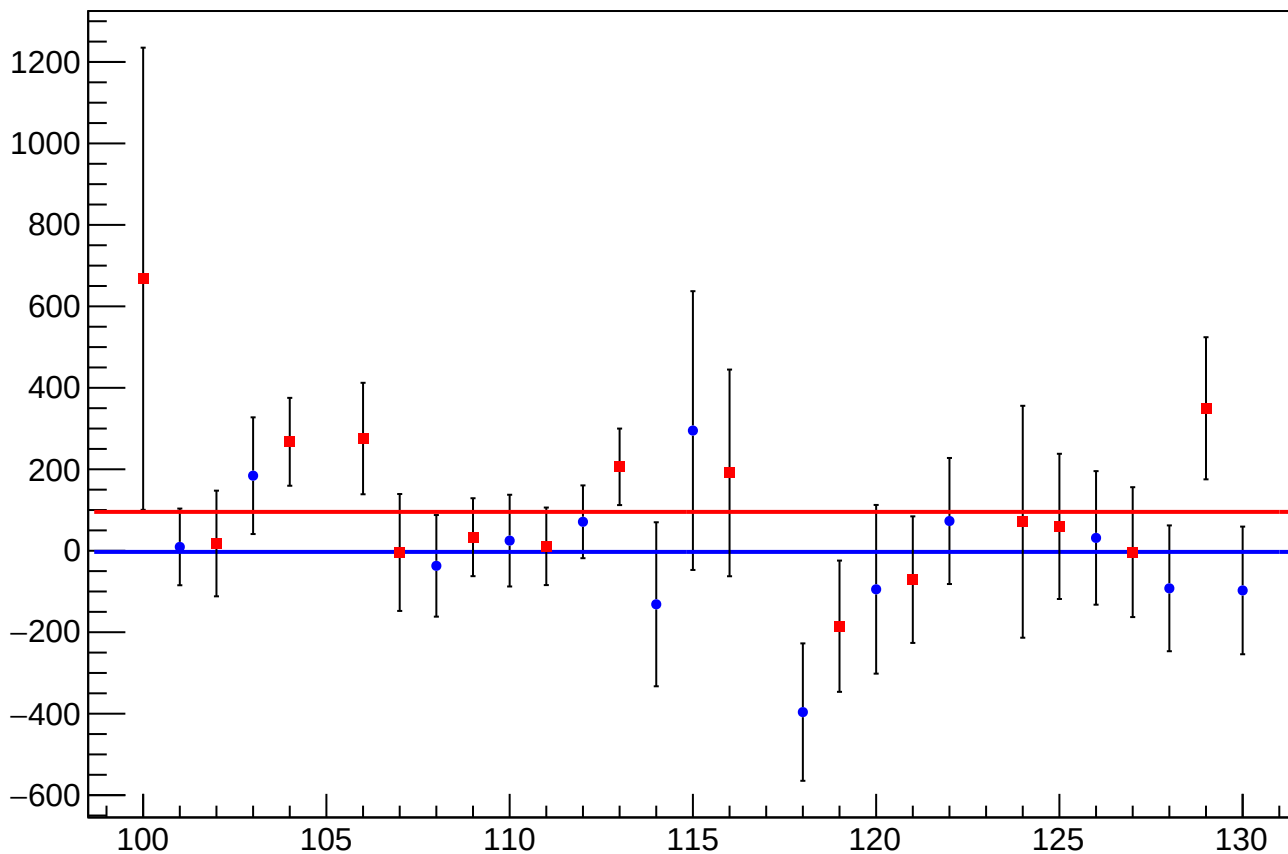
Right: 591.486+/-0.134 χ^2/NDF : 3186727.4/27

In: 612.012+/-0.200 χ^2/NDF : 1620698.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 591.486+/-0.134 χ^2/NDF : 3186727.4/27

eigen_dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -2.820+/-38.255 χ^2/NDF : 10.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.413+/-35.468 χ^2/NDF : 15.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

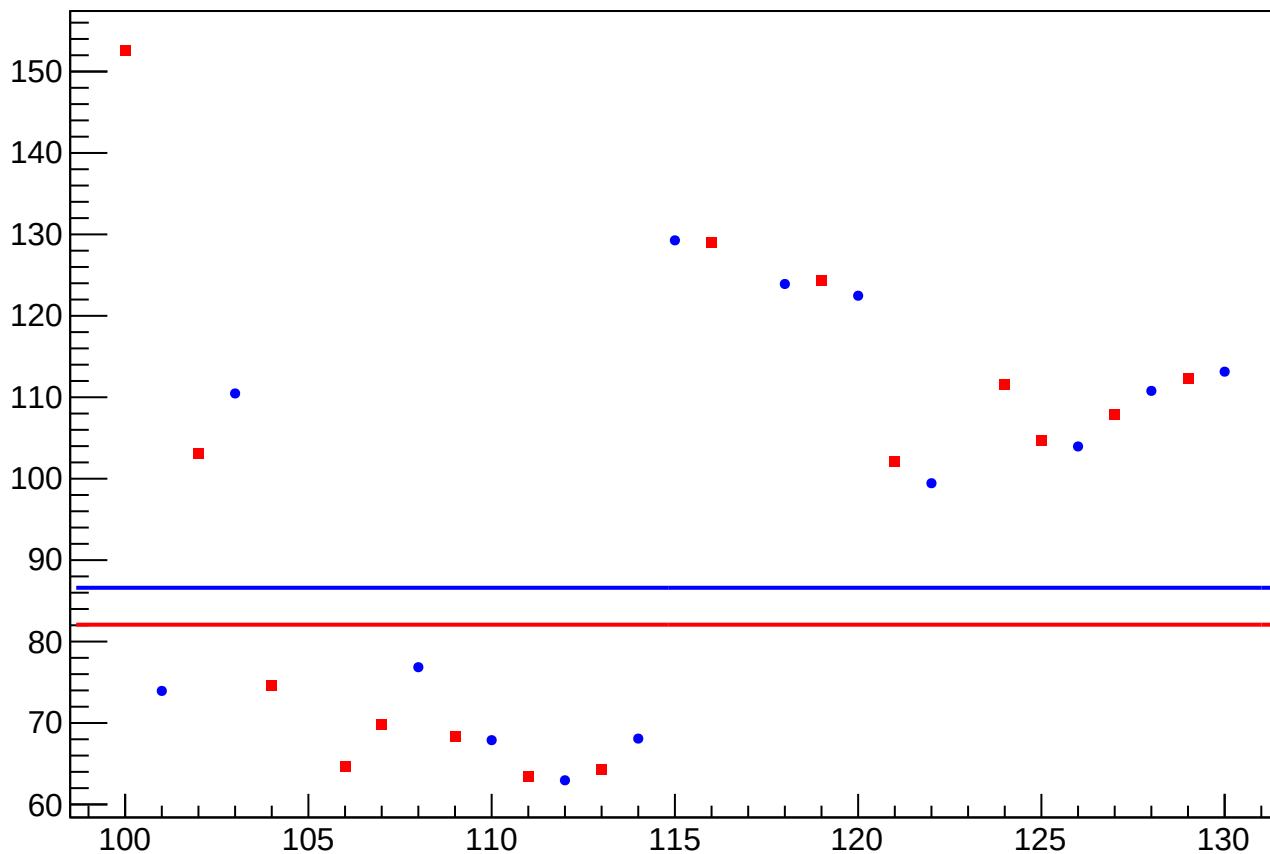
Right: 50.005+/-26.009 χ^2/NDF : 29.5/27

In: -2.820+/-38.255 χ^2/NDF : 10.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.005+/-26.009 χ^2/NDF : 29.5/27

eigen_dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 86.605+/-0.027 χ^2/NDF : 647587.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.073+/-0.025 χ^2/NDF : 734861.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

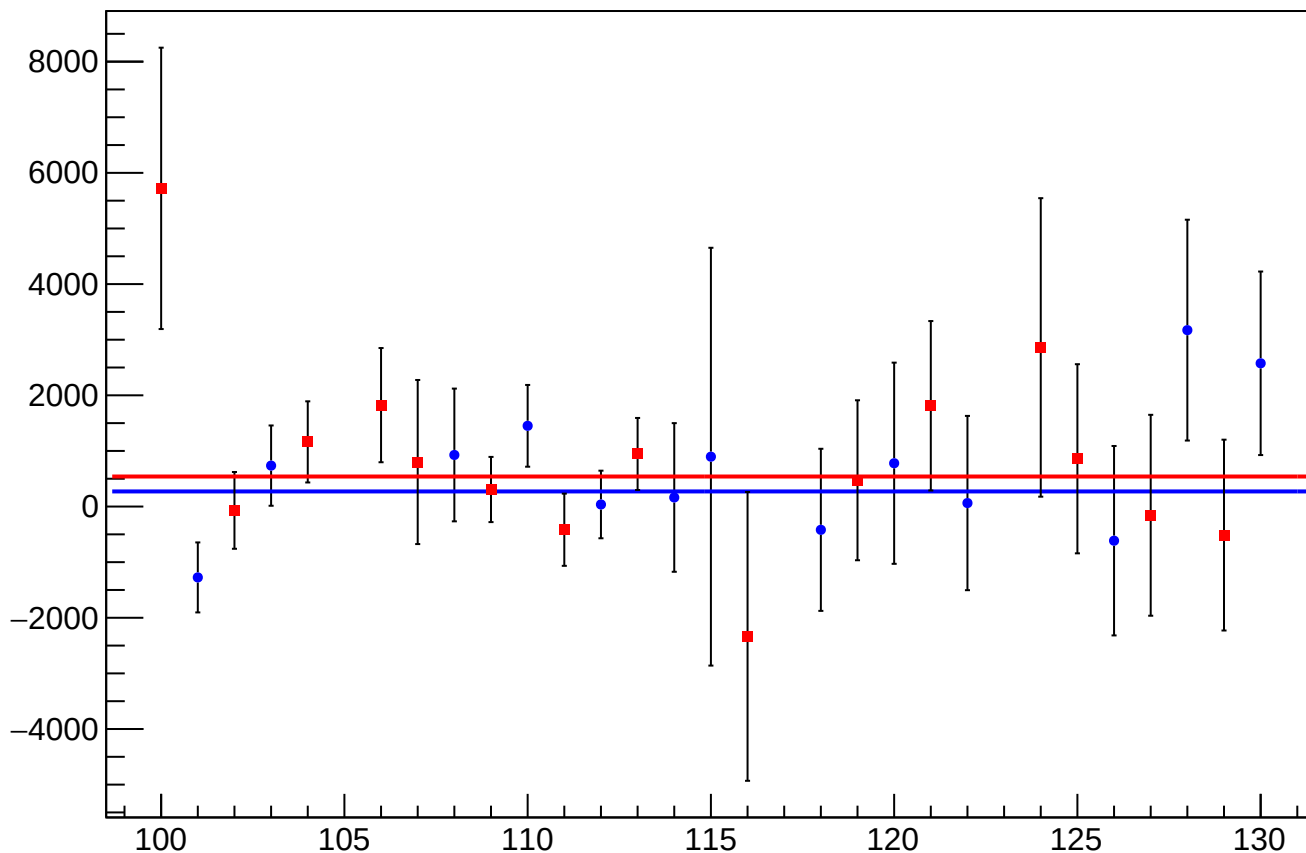
Right: 84.168+/-0.018 χ^2/NDF : 1397546.5/27

In: 86.605+/-0.027 χ^2/NDF : 647587.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.168+/-0.018 χ^2/NDF : 1397546.5/27

asym_sam_1548_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 271.758+/-283.008 χ^2/NDF : 14.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 540.116+/-254.795 χ^2/NDF : 13.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

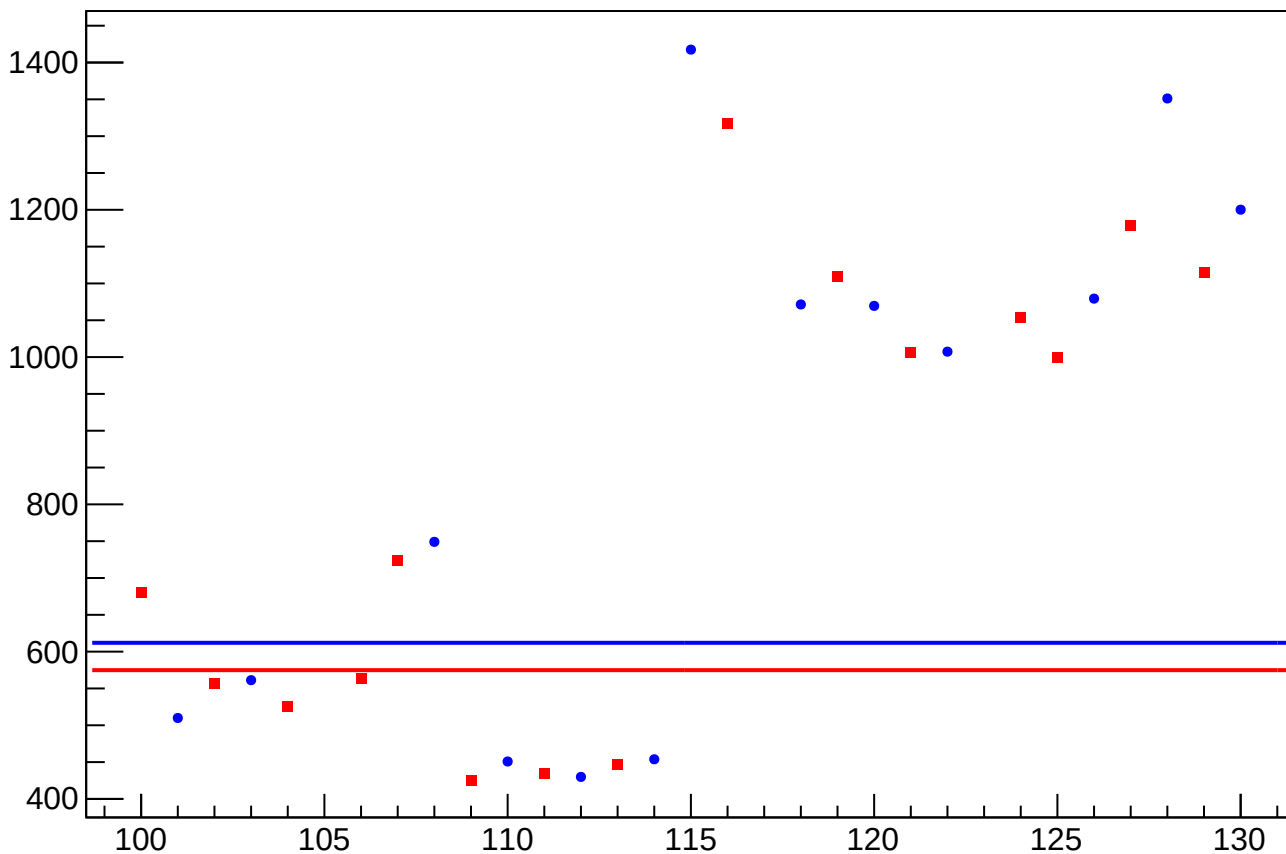
Right: 419.977+/-189.359 χ^2/NDF : 27.9/27

In: 271.758+/-283.008 χ^2/NDF : 14.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 419.977+/-189.359 χ^2/NDF : 27.9/27

asym_sam_1548_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 612.011+/-0.200 χ^2/NDF : 1620703.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 574.847+/-0.180 χ^2/NDF : 1546983.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

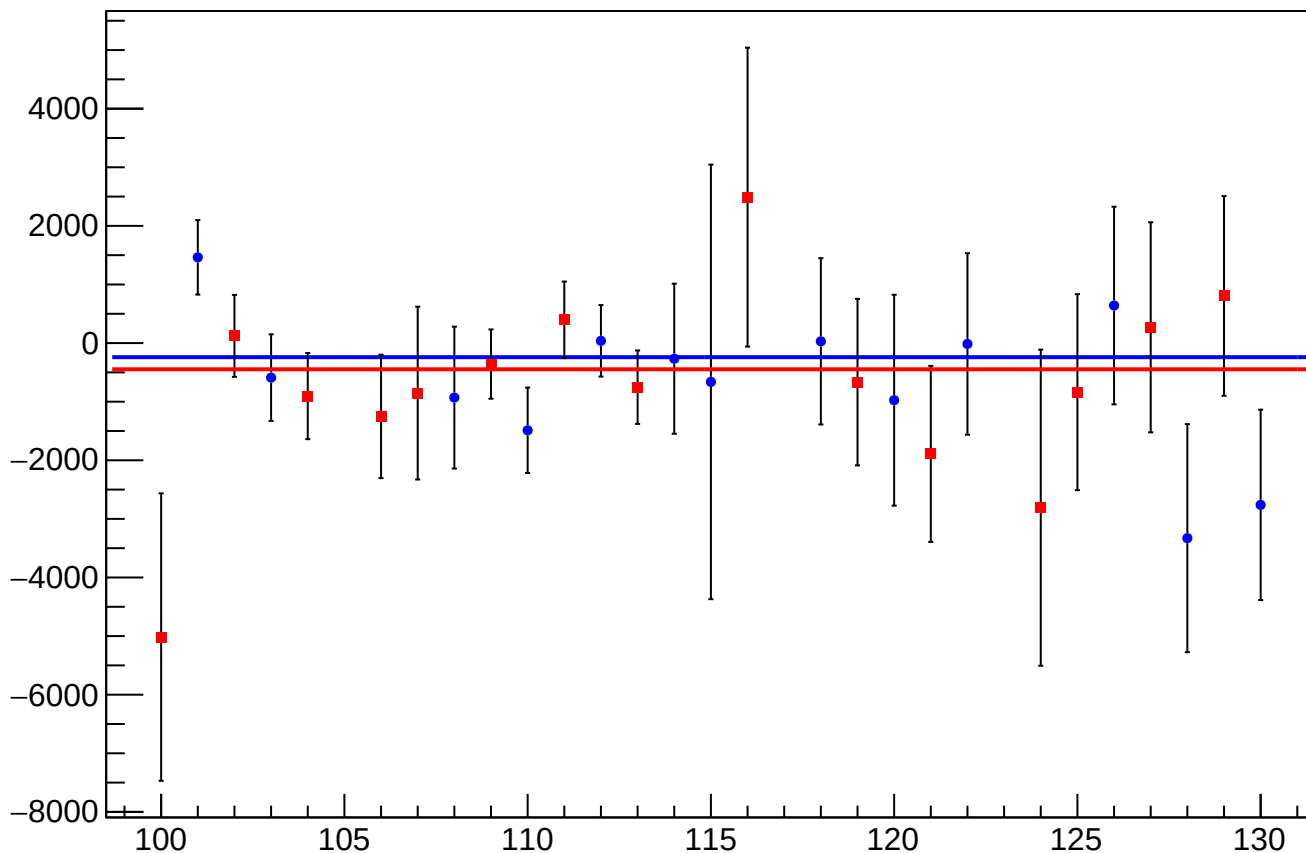
Right: 591.485+/-0.134 χ^2/NDF : 3186735.7/27

In: 612.011+/-0.200 χ^2/NDF : 1620703.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 591.485+/-0.134 χ^2/NDF : 3186735.7/27

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -240.608 ± 283.362 $\chi^2/\text{NDF}: 16.3/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -447.559 ± 254.686 $\chi^2/\text{NDF}: 10.9/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

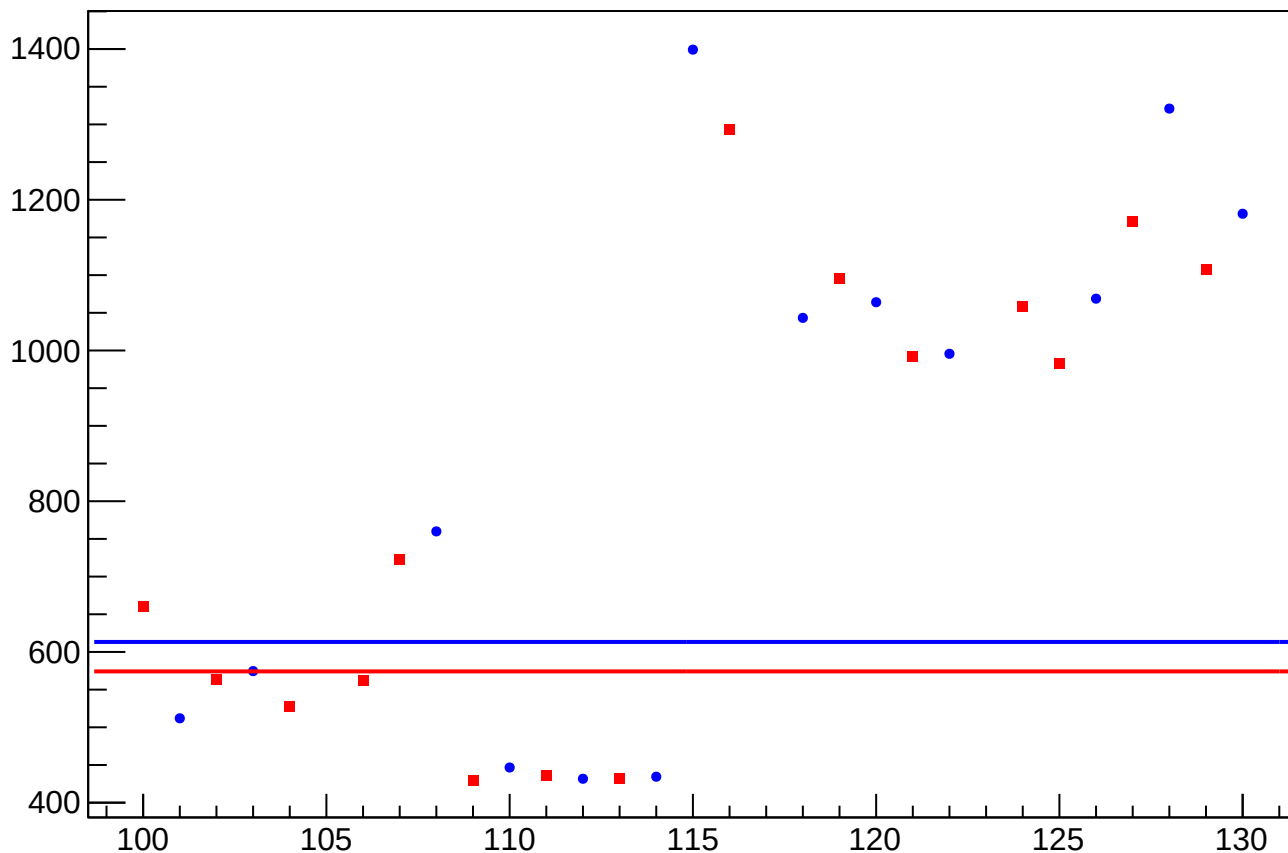
Right: -355.082 ± 189.419 $\chi^2/\text{NDF}: 27.5/27$

In: -240.608 ± 283.362 $\chi^2/\text{NDF}: 16.3/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -355.082 ± 189.419 $\chi^2/\text{NDF}: 27.5/27$

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 613.268+/-0.200 χ^2/NDF : 1582136.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 574.174+/-0.180 χ^2/NDF : 1526751.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

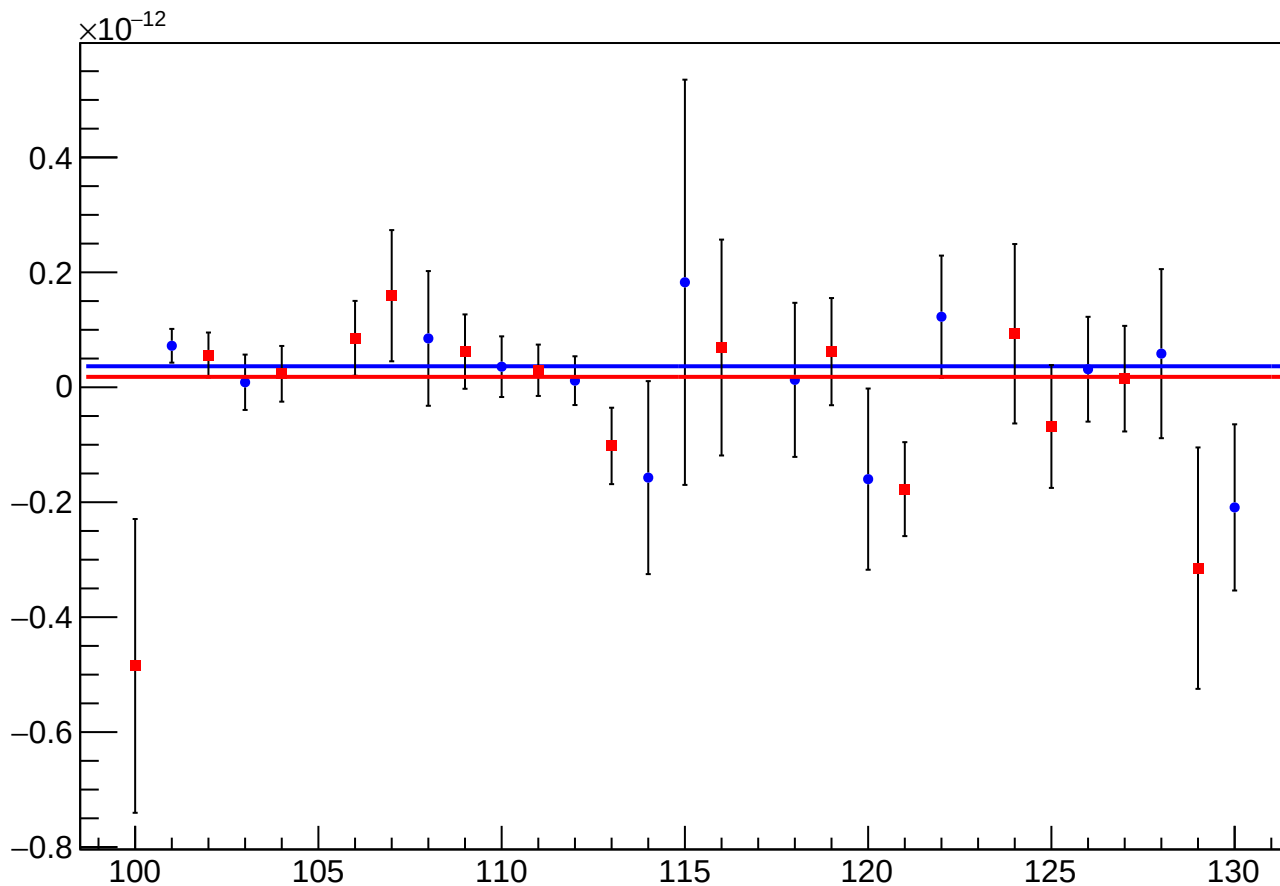
Right: 591.643+/-0.134 χ^2/NDF : 3129945.0/27

In: 613.268+/-0.200 χ^2/NDF : 1582136.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 591.643+/-0.134 χ^2/NDF : 3129945.0/27

asym_sam_1548_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 20.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

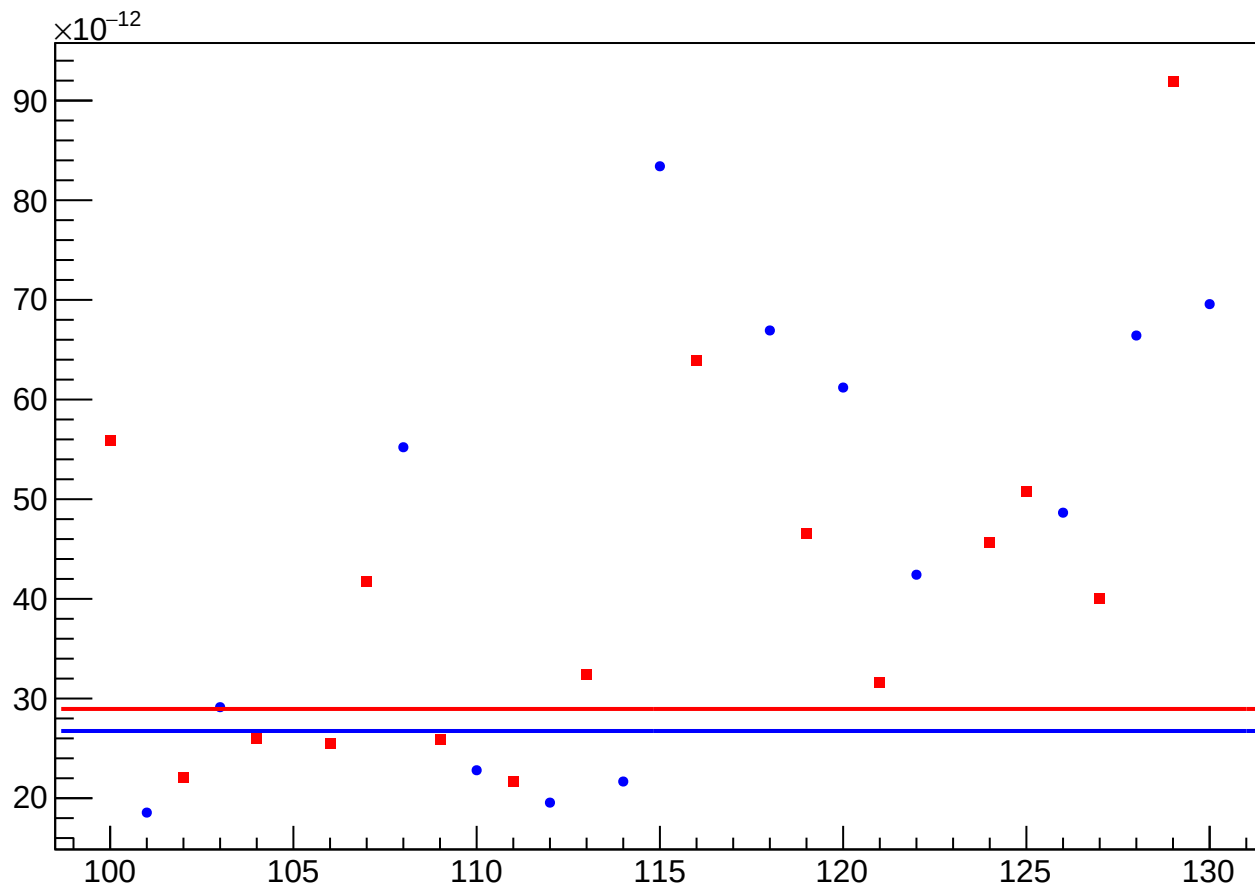
Right: 0.000+/-0.000 χ^2/NDF : 30.1/27

In: 0.000+/-0.000 χ^2/NDF : 9.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.1/27

asym_sam_1548_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1155584.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 643563.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

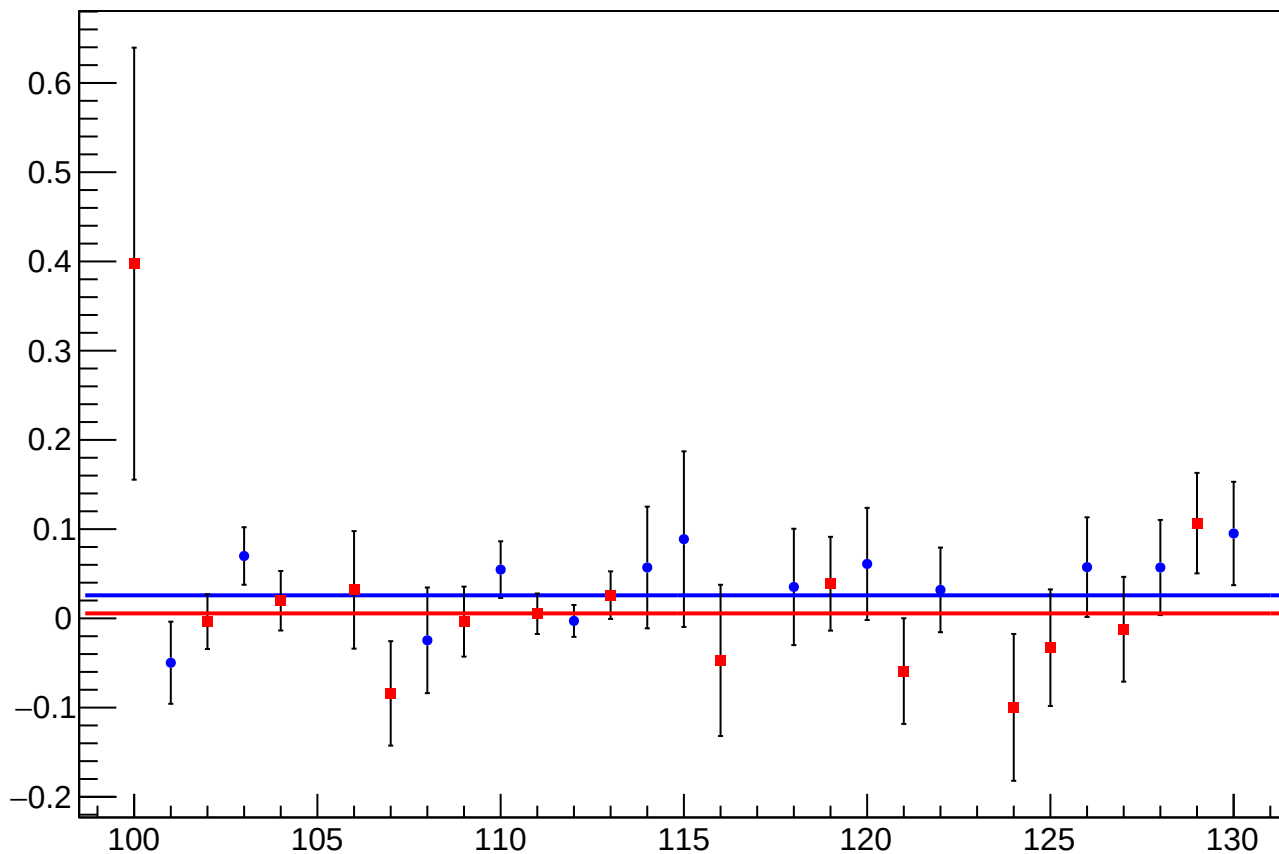
Right: 0.000+/-0.000 χ^2/NDF : 1813697.3/27

In: 0.000+/-0.000 χ^2/NDF : 1155584.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1813697.3/27

asym_sam_1548_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026 $\pm$ 0.011 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.006 $\pm$ 0.011 χ^2 /NDF: 13.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

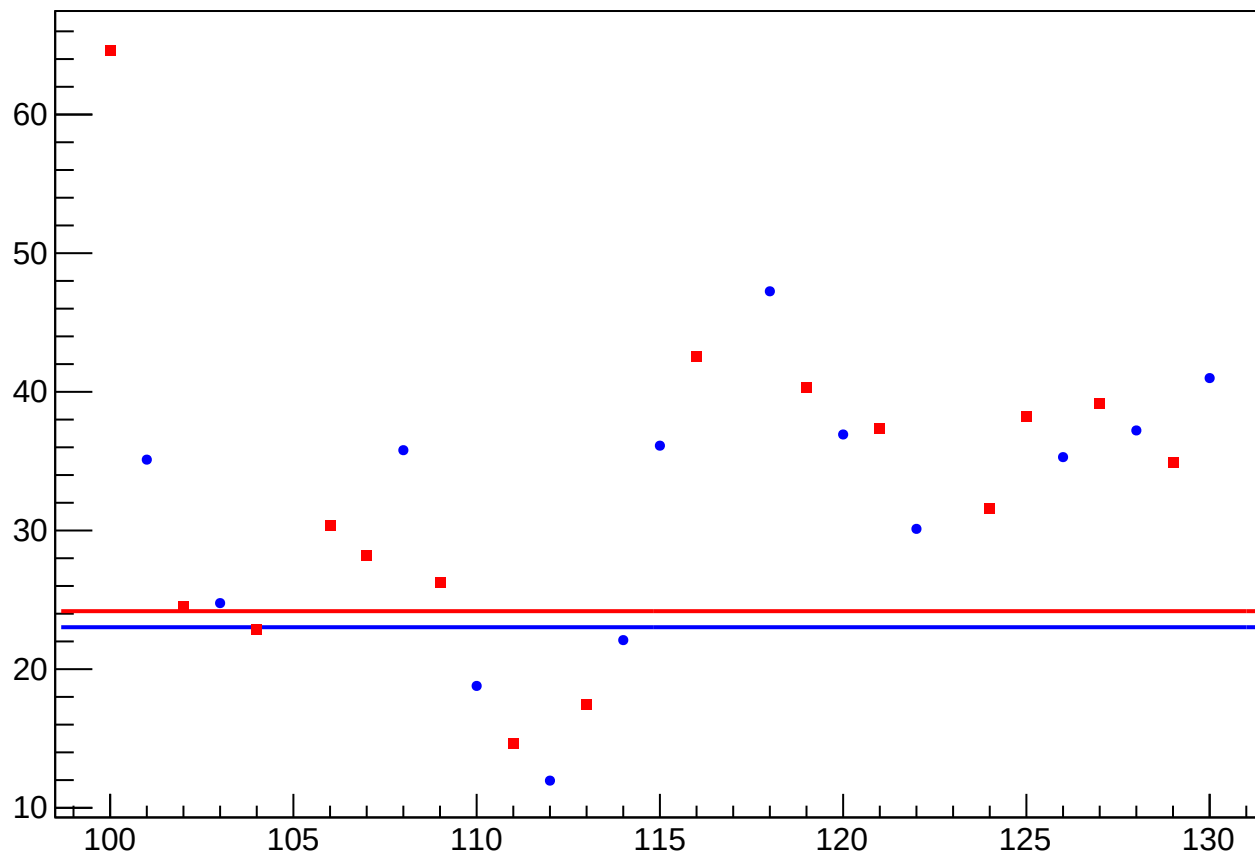
Right: 0.016 $\pm$ 0.008 χ^2 /NDF: 26.8/27

In: 0.026 $\pm$ 0.011 χ^2 /NDF:11.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.016 $\pm$ 0.008 χ^2 /NDF: 26.8/27

asym_sam_1548_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.026+/-0.008 χ^2/NDF : 1923456.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.183+/-0.008 χ^2/NDF : 1266850.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

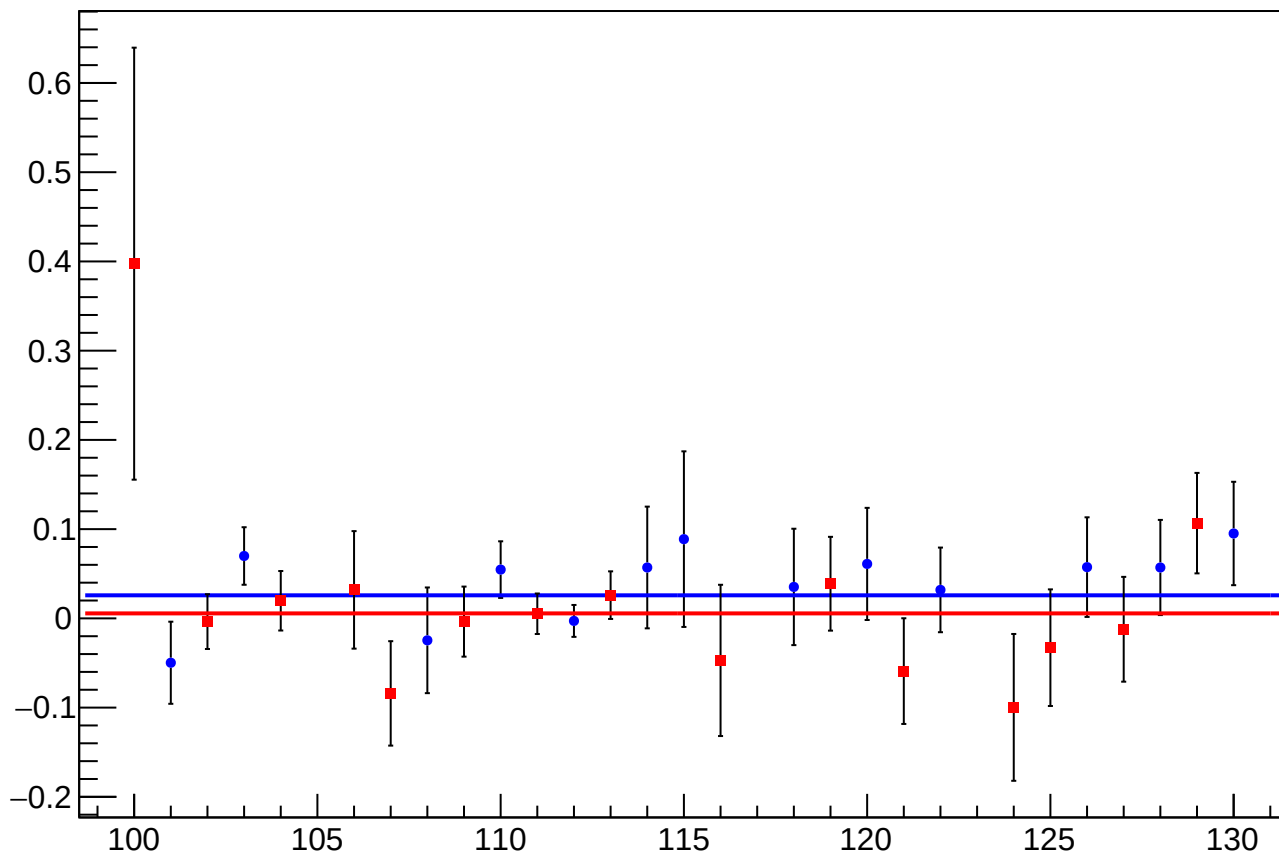
Right: 23.612+/-0.006 χ^2/NDF : 3201241.7/27

In: 23.026+/-0.008 χ^2/NDF : 1923456.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.612+/-0.006 χ^2/NDF : 3201241.7/27

asym_sam_1548_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026+/-0.011 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.011 χ^2/NDF : 13.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

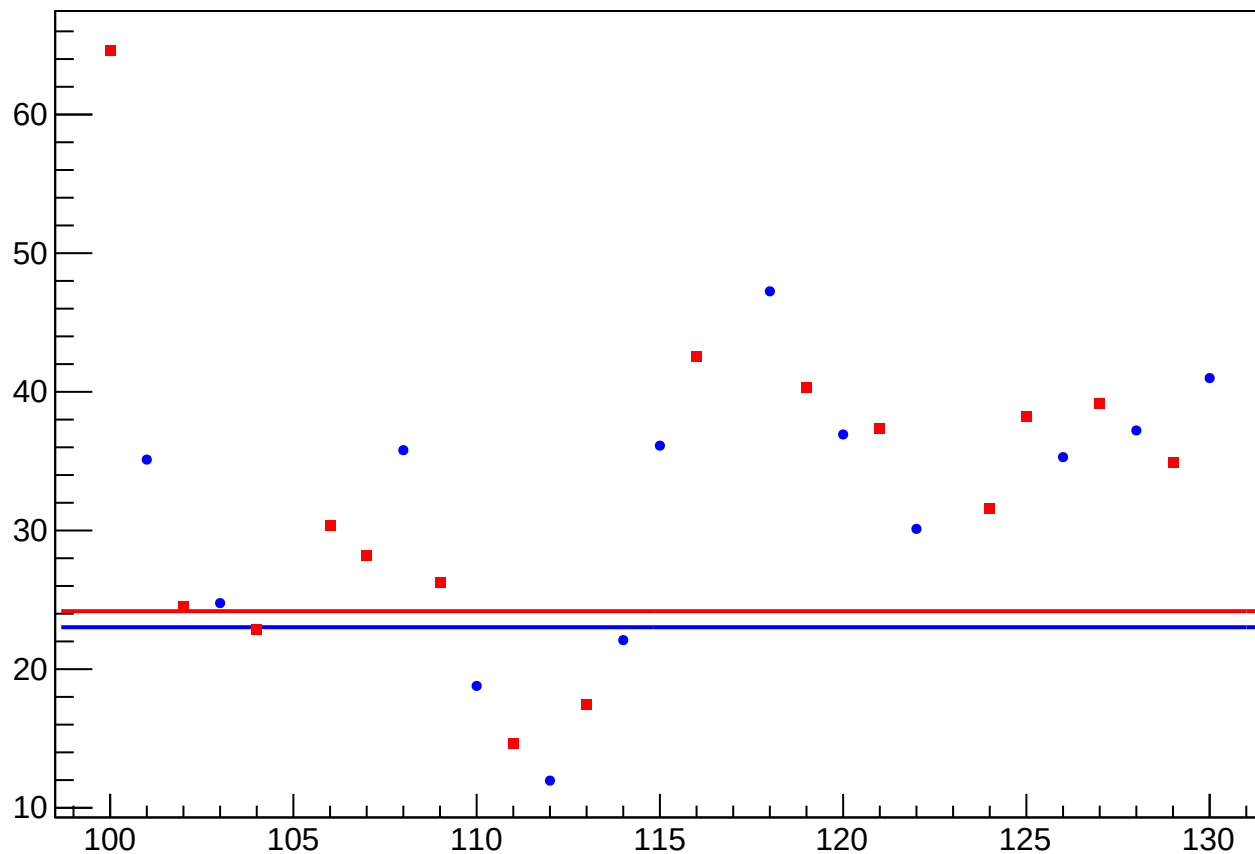
Right: 0.016+/-0.008 χ^2/NDF : 26.8/27

In: 0.026+/-0.011 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.008 χ^2/NDF : 26.8/27

asym_sam_1548_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.026+/-0.008 χ^2/NDF : 1923456.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.183+/-0.008 χ^2/NDF : 1266850.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

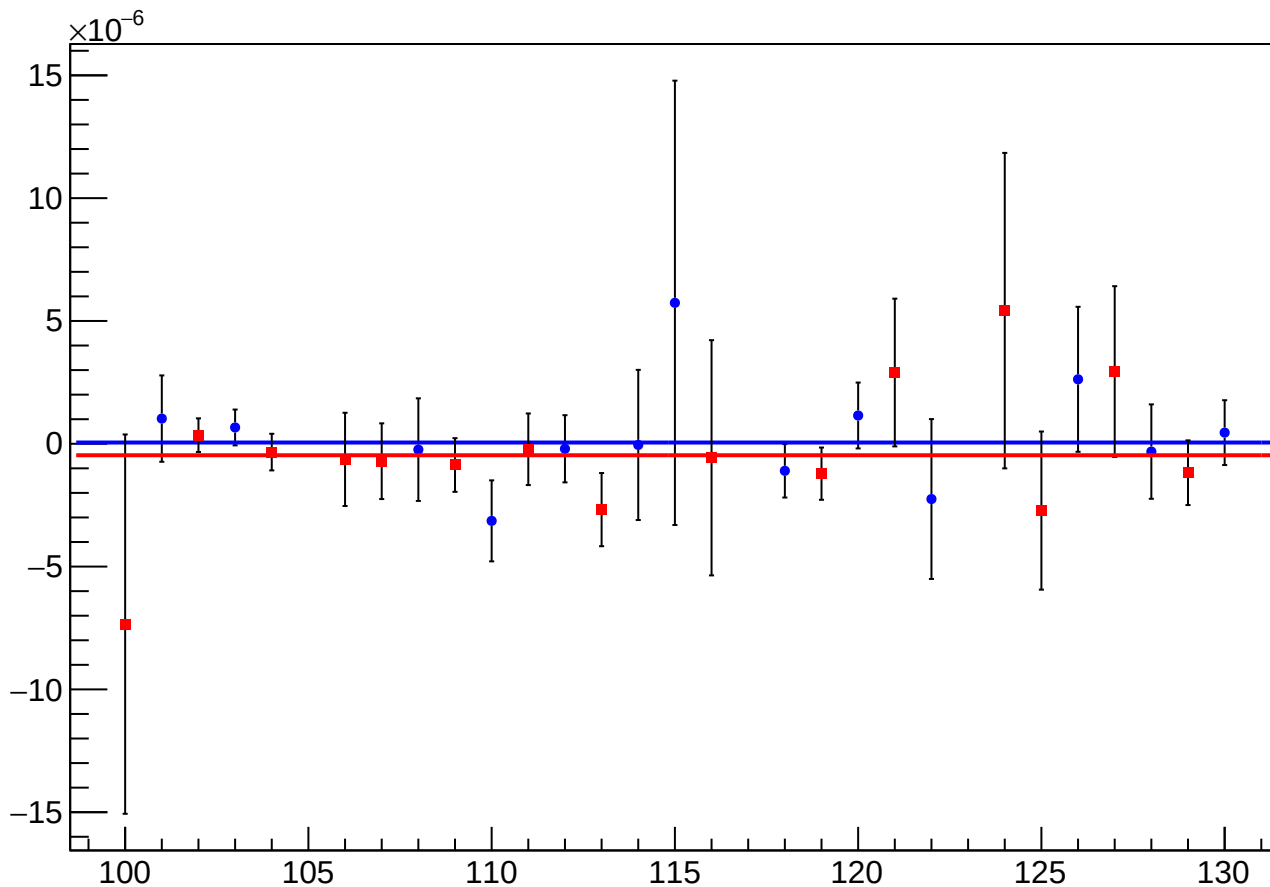
Right: 23.612+/-0.006 χ^2/NDF : 3201241.7/27

In: 23.026+/-0.008 χ^2/NDF : 1923456.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.612+/-0.006 χ^2/NDF : 3201241.7/27

asym_sam_1548_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

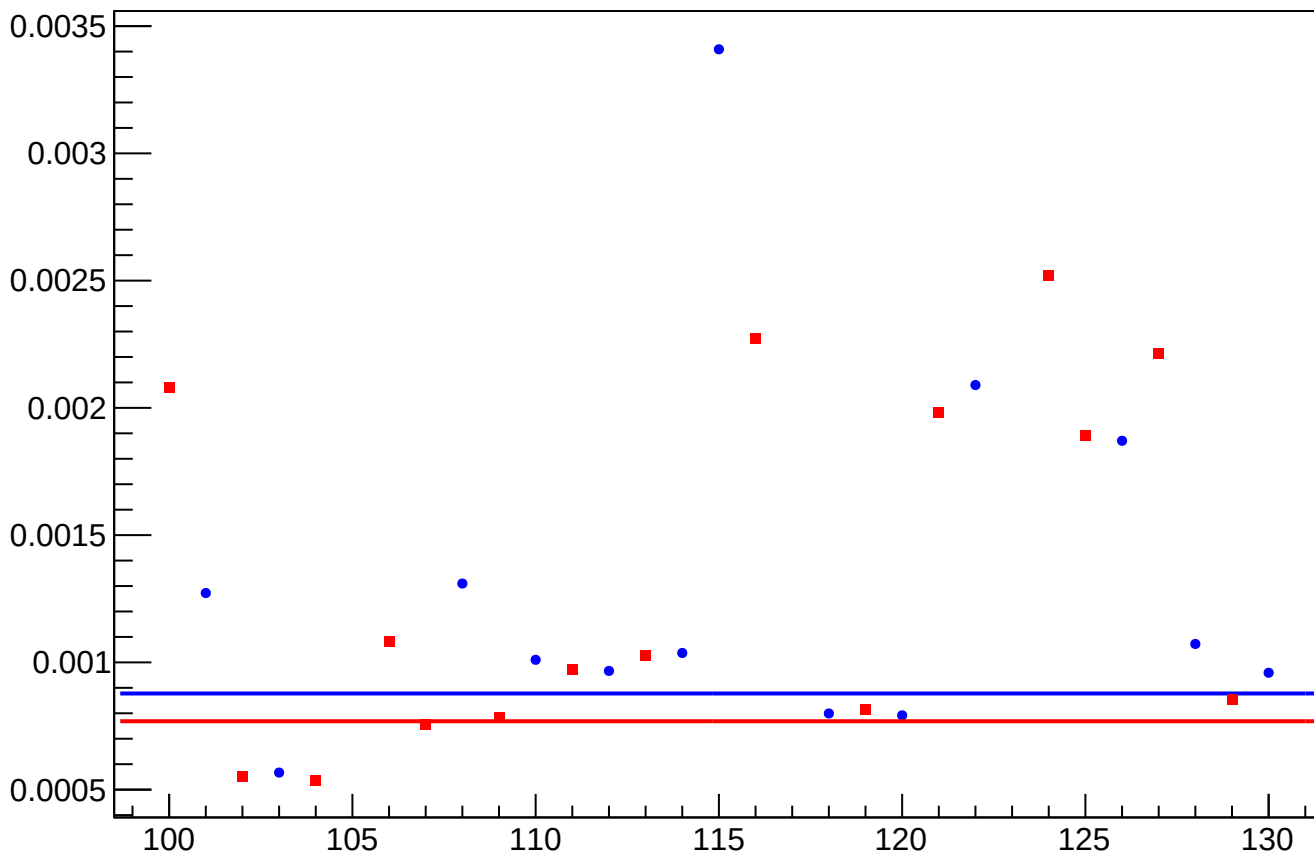
Right: -0.000+/-0.000 χ^2/NDF : 18.3/27

In: 0.000+/-0.000 χ^2/NDF : 8.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.3/27

asym_sam_1548_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1283560.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1884668.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

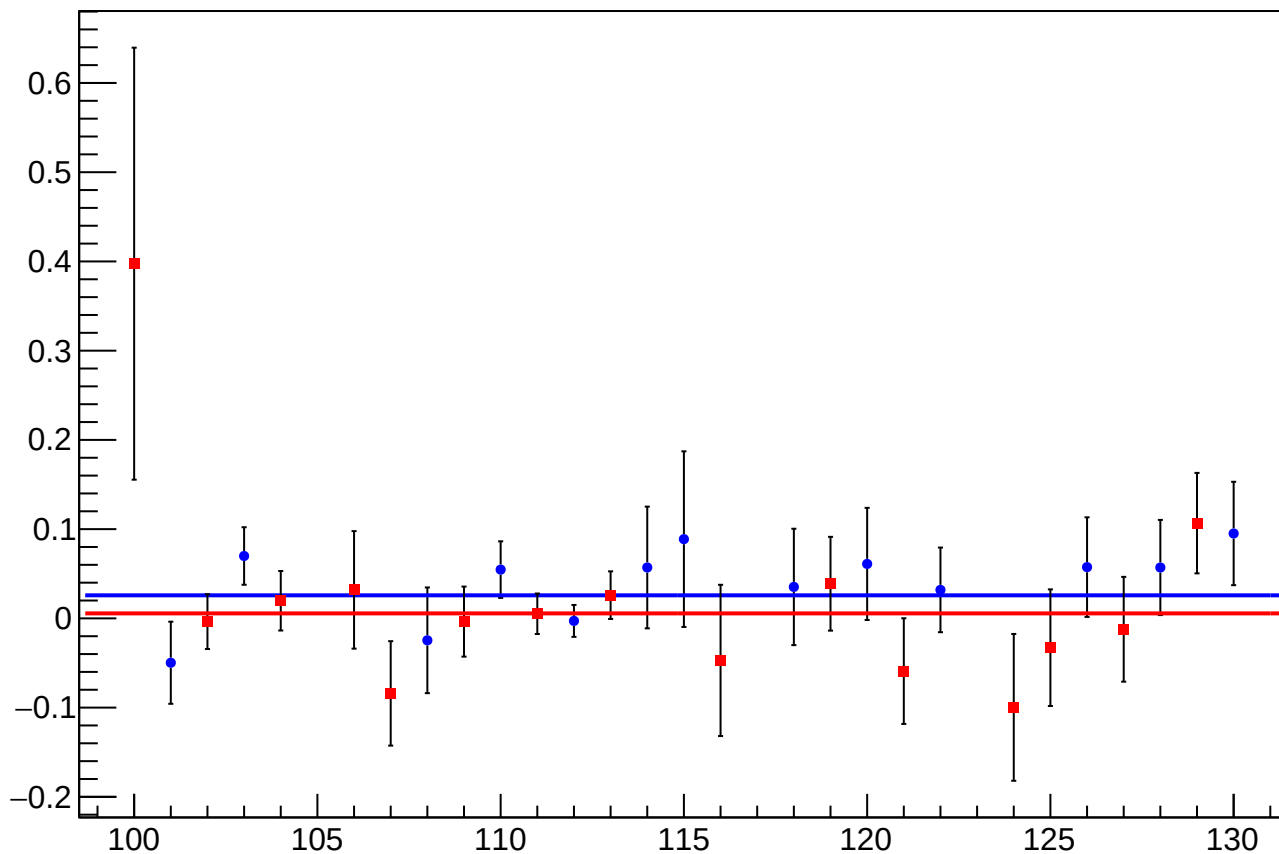
Right: 0.001+/-0.000 χ^2/NDF : 3250038.6/27

In: 0.001+/-0.000 χ^2/NDF :1283560.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3250038.6/27

asym_sam_1548_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026 ± 0.011 $\chi^2/\text{NDF}: 11.8/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.006 ± 0.011 $\chi^2/\text{NDF}: 13.3/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

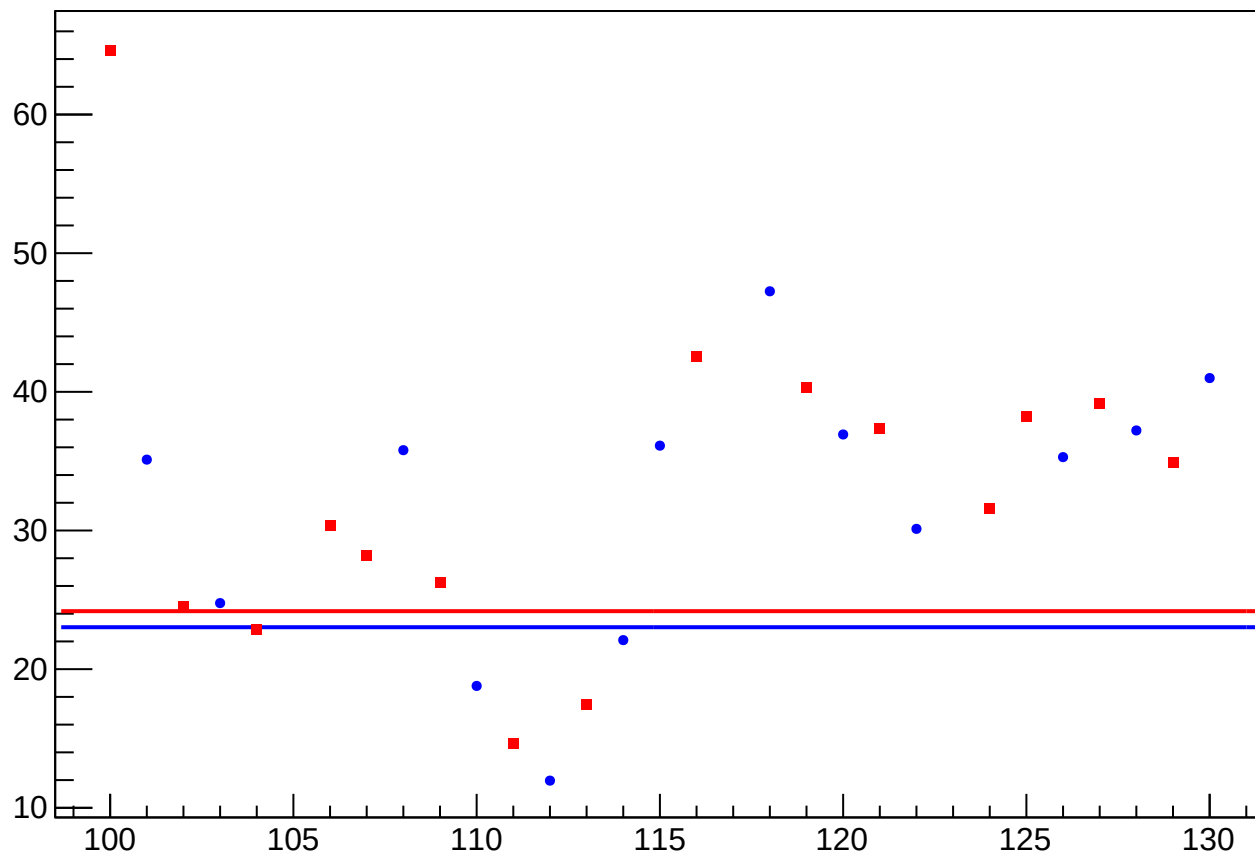
Right: 0.016 ± 0.008 $\chi^2/\text{NDF}: 26.8/27$

In: 0.026 ± 0.011 $\chi^2/\text{NDF}: 11.8/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.016 ± 0.008 $\chi^2/\text{NDF}: 26.8/27$

asym_sam_1548_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.025+/-0.008 χ^2/NDF : 1923608.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.182+/-0.008 χ^2/NDF : 1266956.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

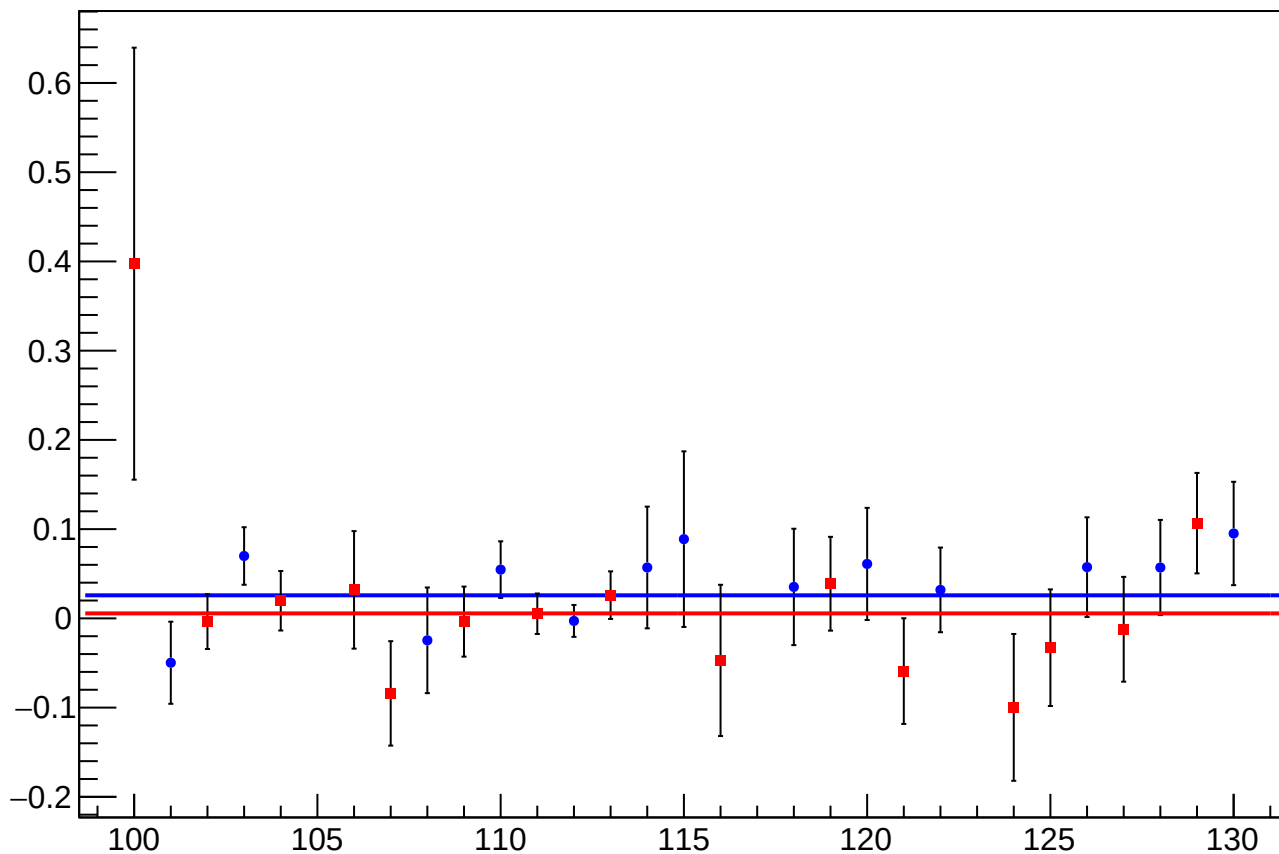
Right: 23.611+/-0.006 χ^2/NDF : 3201502.3/27

In: 23.025+/-0.008 χ^2/NDF : 1923608.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.611+/-0.006 χ^2/NDF : 3201502.3/27

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026 $\pm$ 0.011 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.006 $\pm$ 0.011 χ^2 /NDF: 13.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

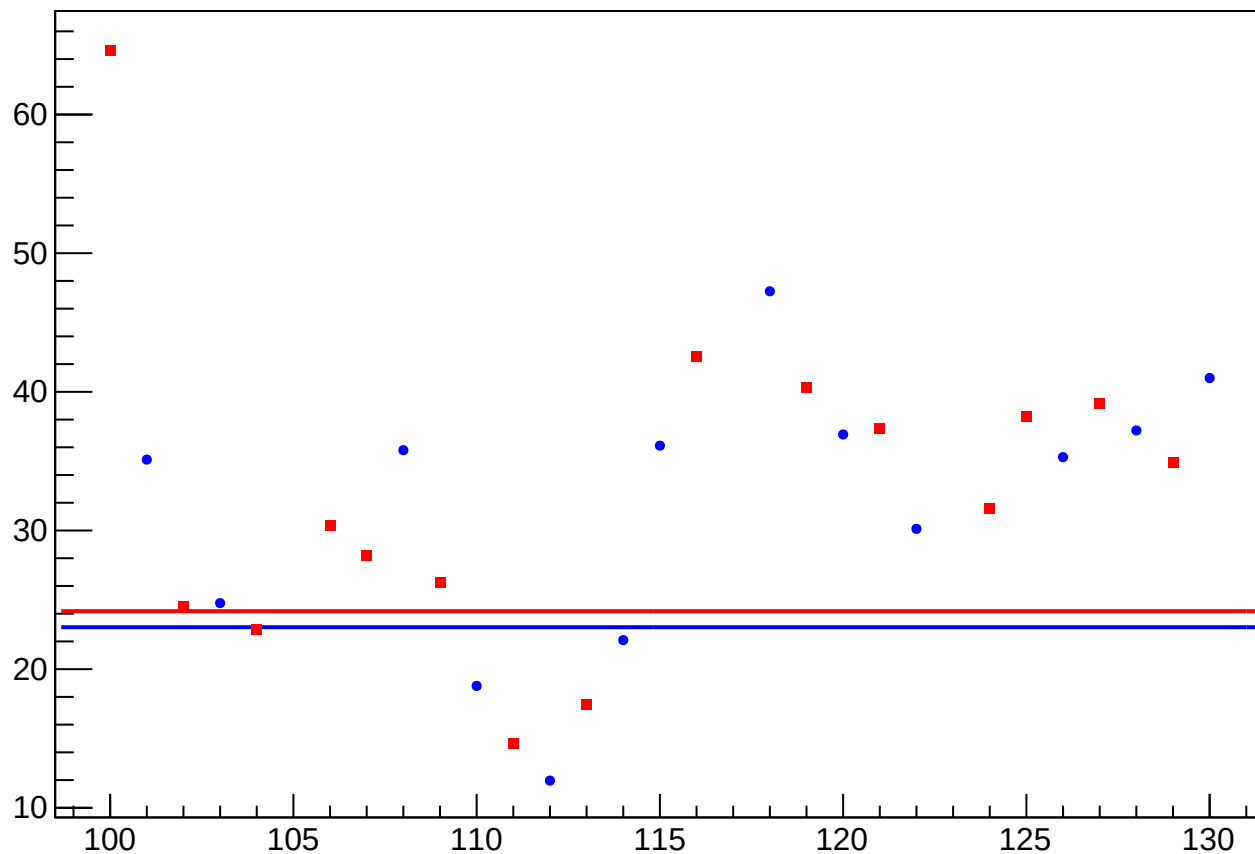
Right: 0.016 $\pm$ 0.008 χ^2 /NDF: 26.8/27

In: 0.026 $\pm$ 0.011 χ^2 /NDF:11.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.016 $\pm$ 0.008 χ^2 /NDF: 26.8/27

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.025+/-0.008 χ^2/NDF : 1923608.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.182+/-0.008 χ^2/NDF : 1266956.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

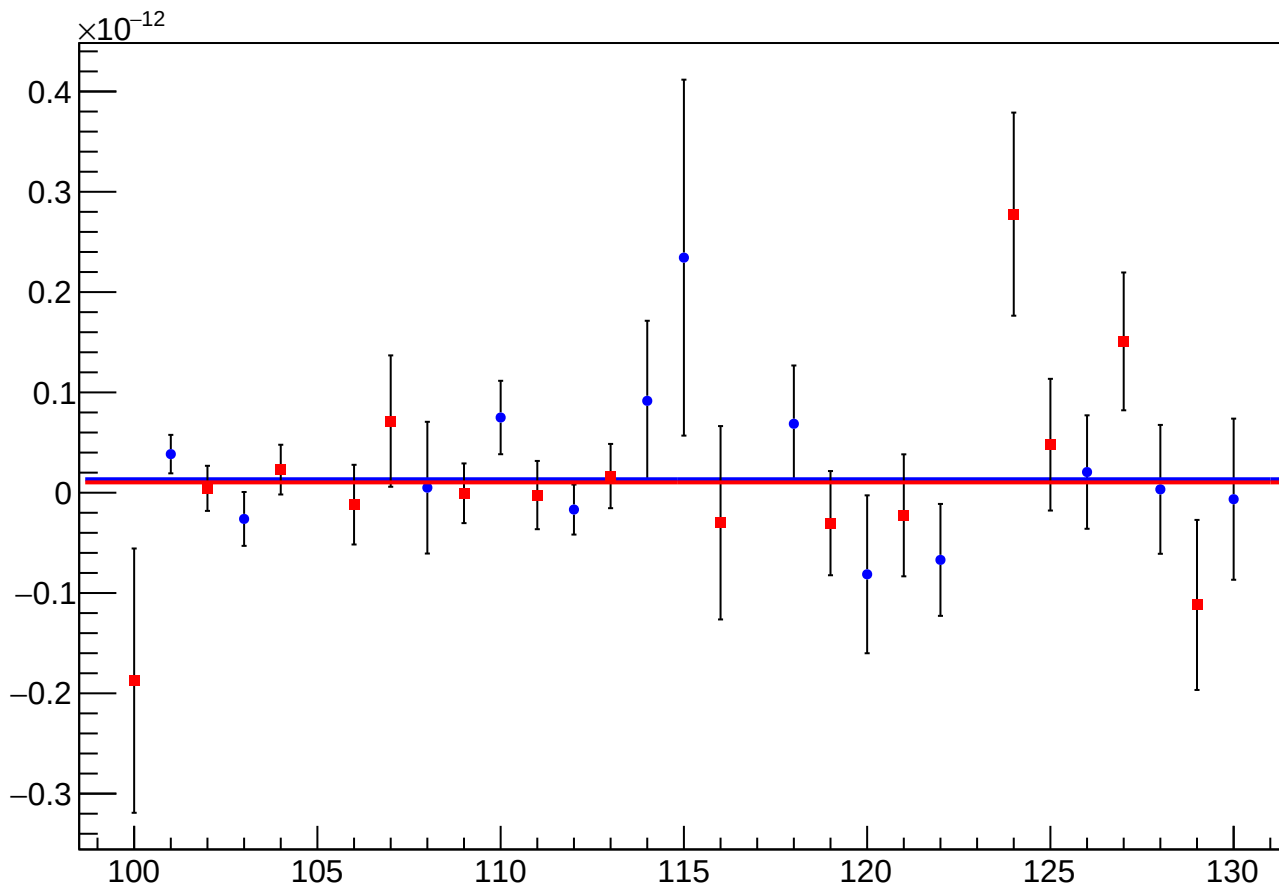
Right: 23.611+/-0.006 χ^2/NDF : 3201502.3/27

In: 23.025+/-0.008 χ^2/NDF : 1923608.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.611+/-0.006 χ^2/NDF : 3201502.3/27

asym_sam_1548_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 18.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

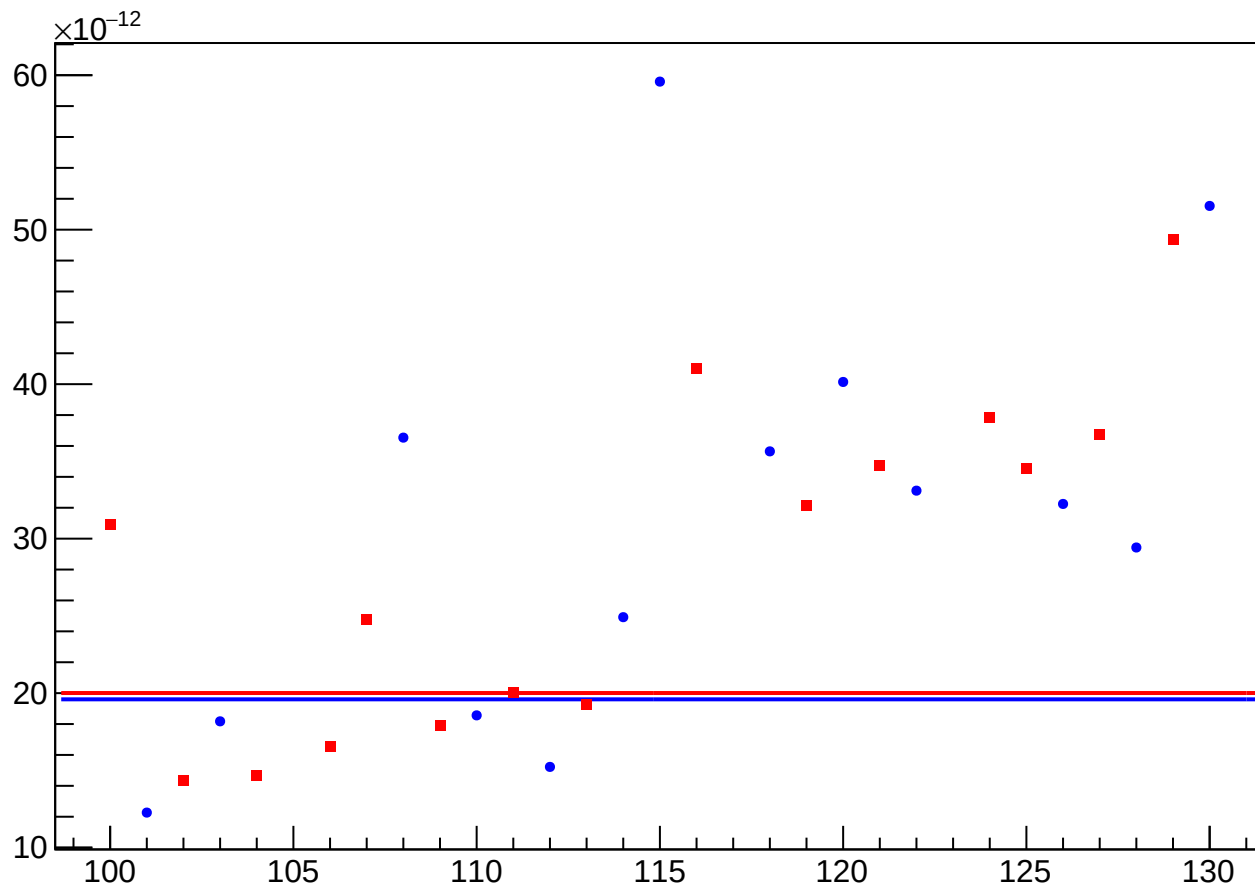
Right: 0.000+/-0.000 χ^2/NDF : 34.0/27

In: 0.000+/-0.000 χ^2/NDF : 15.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 34.0/27

asym_sam_1548_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1473732.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1113141.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

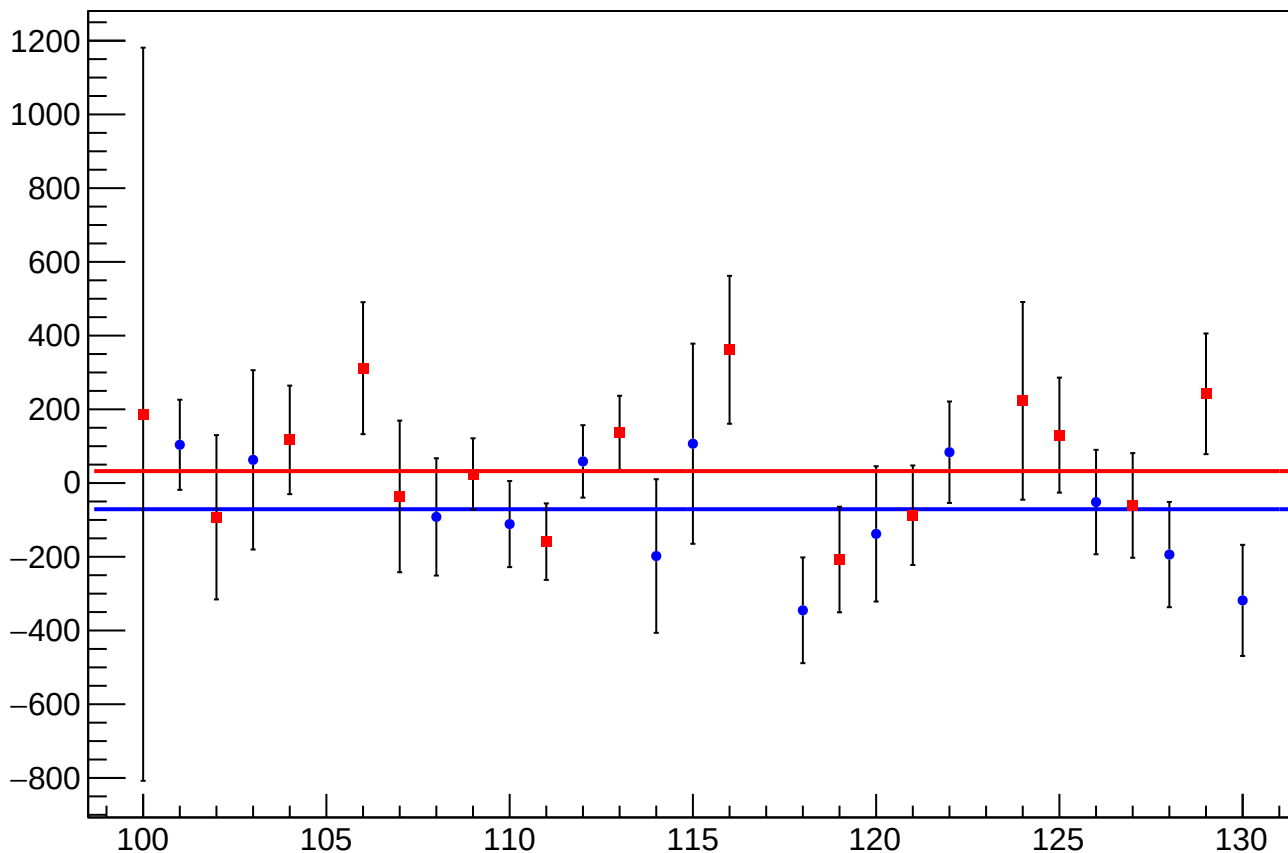
Right: 0.000+/-0.000 χ^2/NDF : 2588316.3/27

In: 0.000+/-0.000 χ^2/NDF : 1473732.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2588316.3/27

reg_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -70.960 $\pm$ 40.457 χ^2 /NDF: 13.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 32.463 $\pm$ 38.045 χ^2 /NDF: 16.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

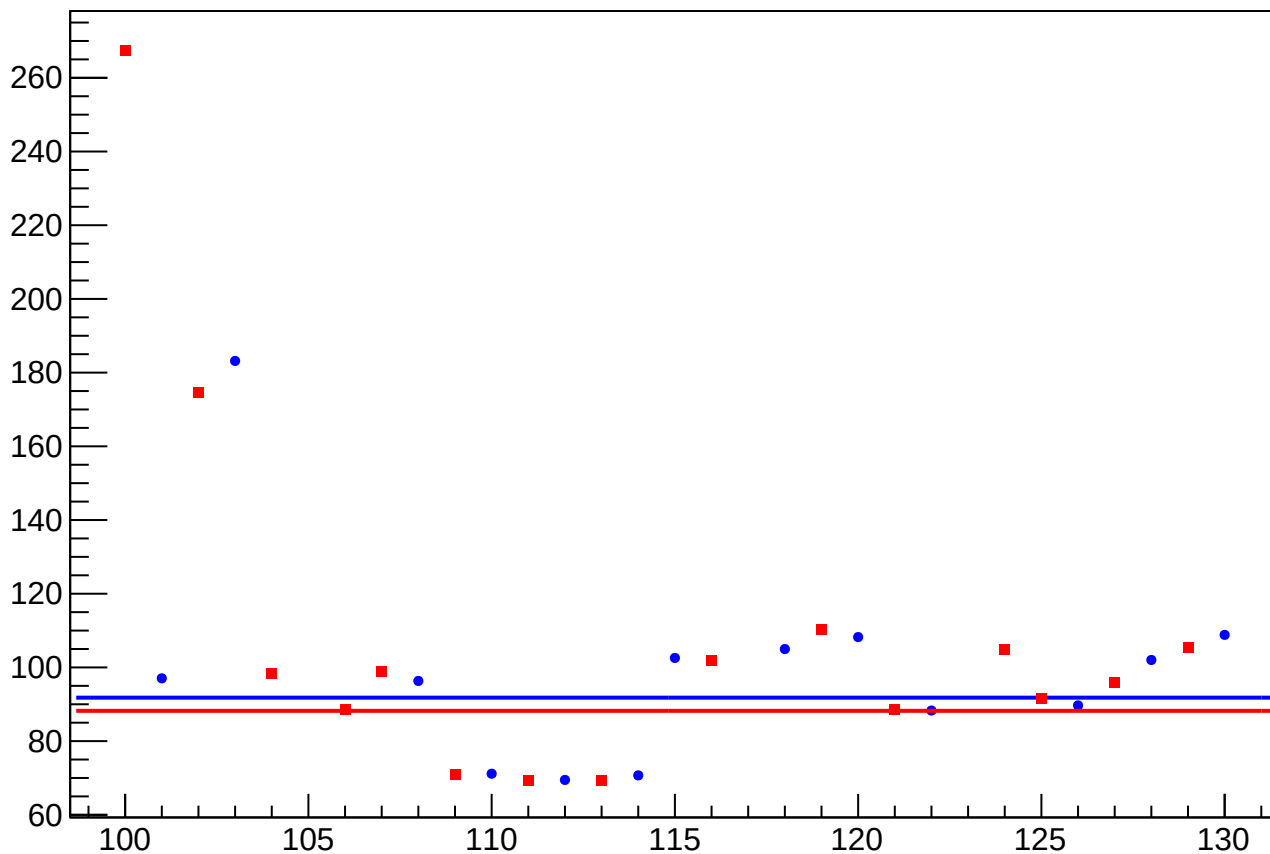
Right: -16.073 $\pm$ 27.715 χ^2 /NDF: 33.9/27

In: -70.960 $\pm$ 40.457 χ^2 /NDF:13.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -16.073 $\pm$ 27.715 χ^2 /NDF: 33.9/27

reg_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 91.796+/-0.029 χ^2/NDF : 547496.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.220+/-0.027 χ^2/NDF : 674881.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

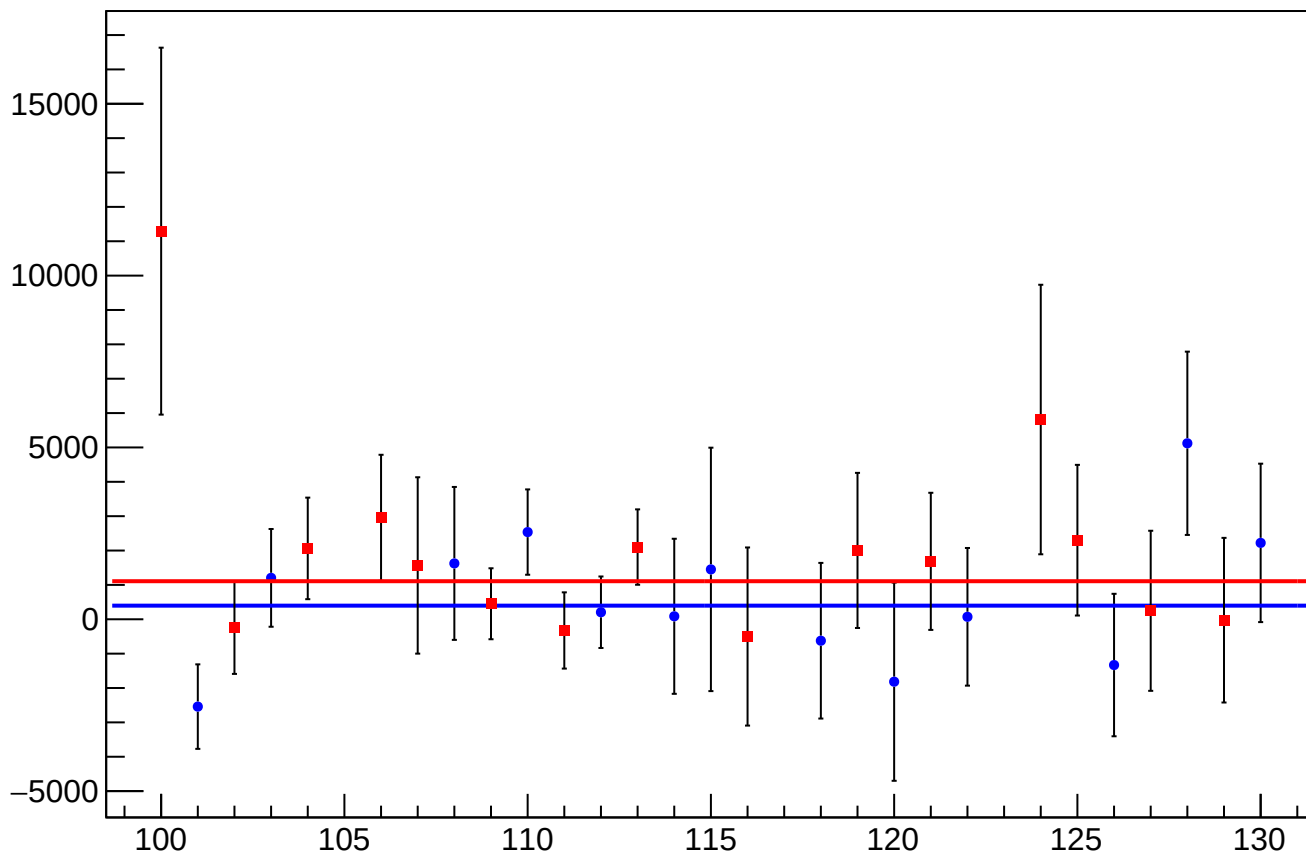
Right: 89.898+/-0.020 χ^2/NDF : 1230671.8/27

In: 91.796+/-0.029 χ^2/NDF : 547496.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.898+/-0.020 χ^2/NDF : 1230671.8/27

asym_sam_3748_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 396.455+/-480.402 χ^2/NDF : 14.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1107.740+/-434.378 χ^2/NDF : 11.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

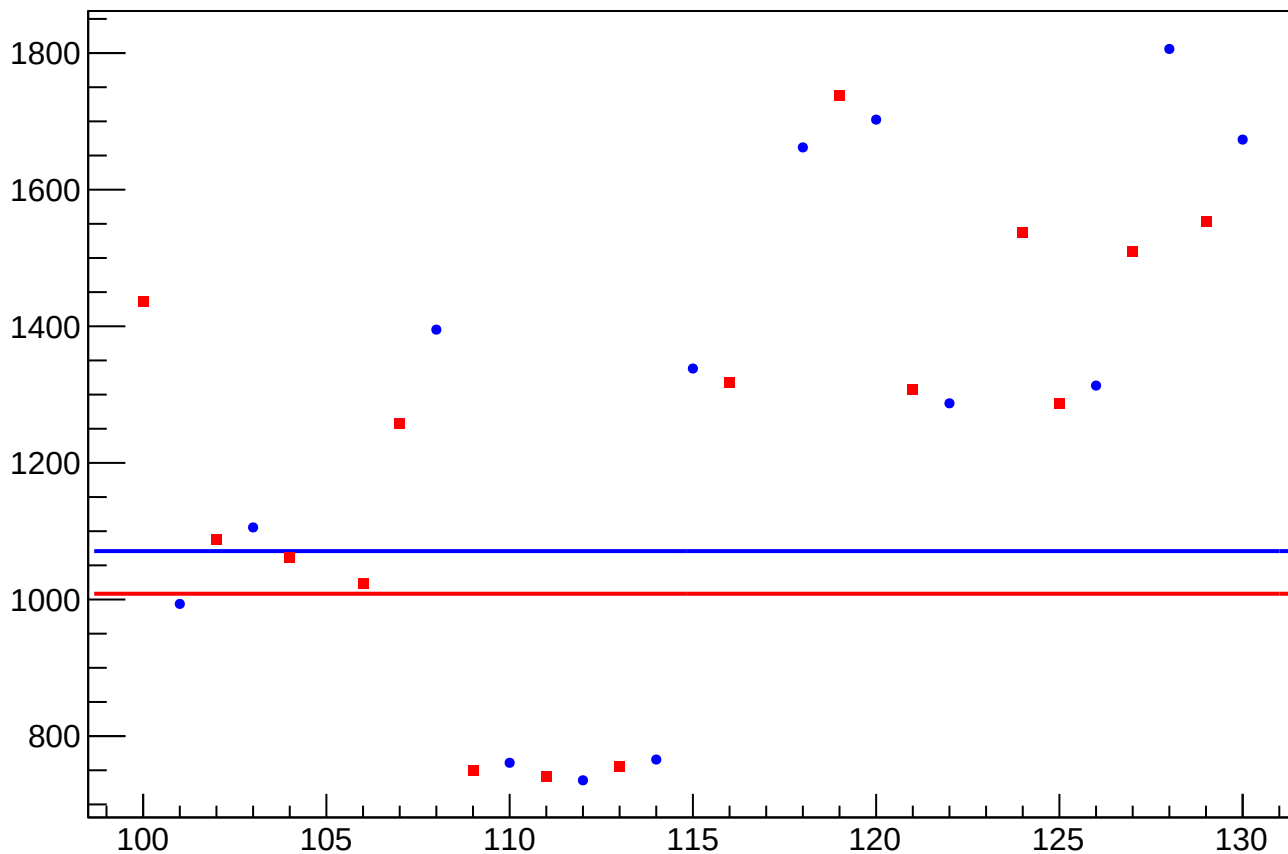
Right: 787.794+/-322.197 χ^2/NDF : 27.6/27

In: 396.455+/-480.402 χ^2/NDF : 14.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 787.794+/-322.197 χ^2/NDF : 27.6/27

asym_sam_3748_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1070.862+/-0.340 χ^2/NDF : 1003780.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1008.472+/-0.307 χ^2/NDF : 936413.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

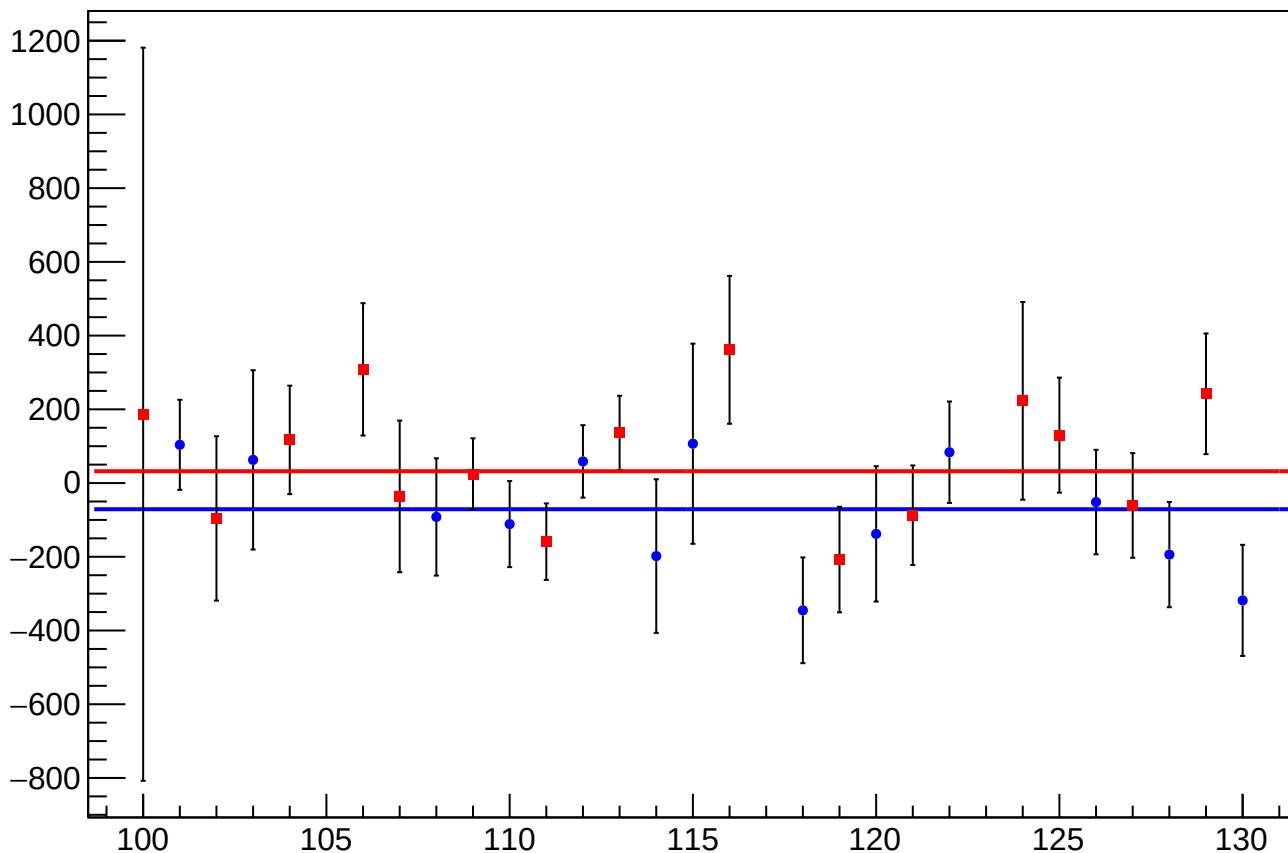
Right: 1036.536+/-0.228 χ^2/NDF : 1958753.0/27

In: 1070.862+/-0.340 χ^2/NDF : 1003780.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1036.536+/-0.228 χ^2/NDF : 1958753.0/27

cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -70.976 ± 40.457 χ^2/NDF : 13.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 32.150 ± 38.050 χ^2/NDF : 16.9/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

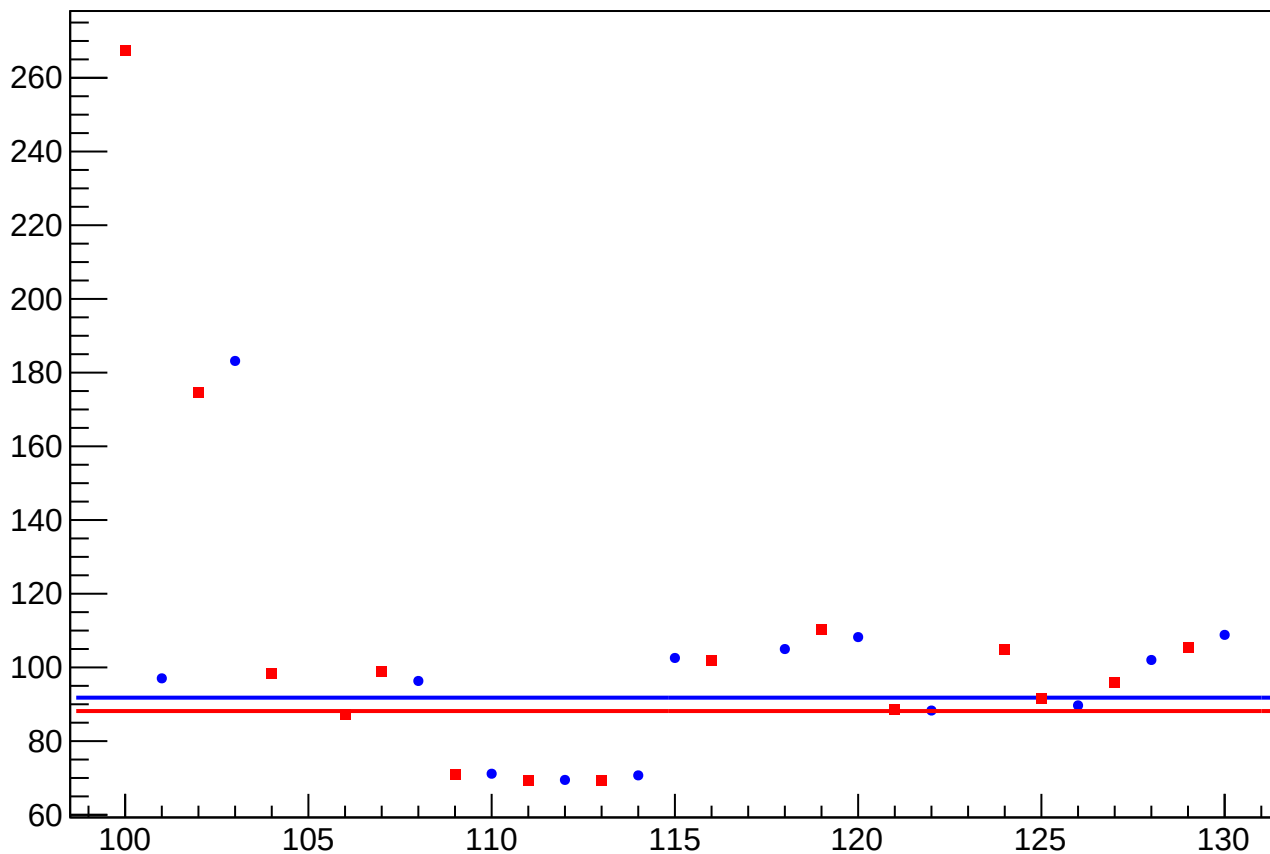
Right: -16.254 ± 27.717 χ^2/NDF : 33.9/27

In: -70.976 ± 40.457 χ^2/NDF : 13.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.254 ± 27.717 χ^2/NDF : 33.9/27

cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 91.796+/-0.029 χ^2/NDF : 547499.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.161+/-0.027 χ^2/NDF : 675159.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

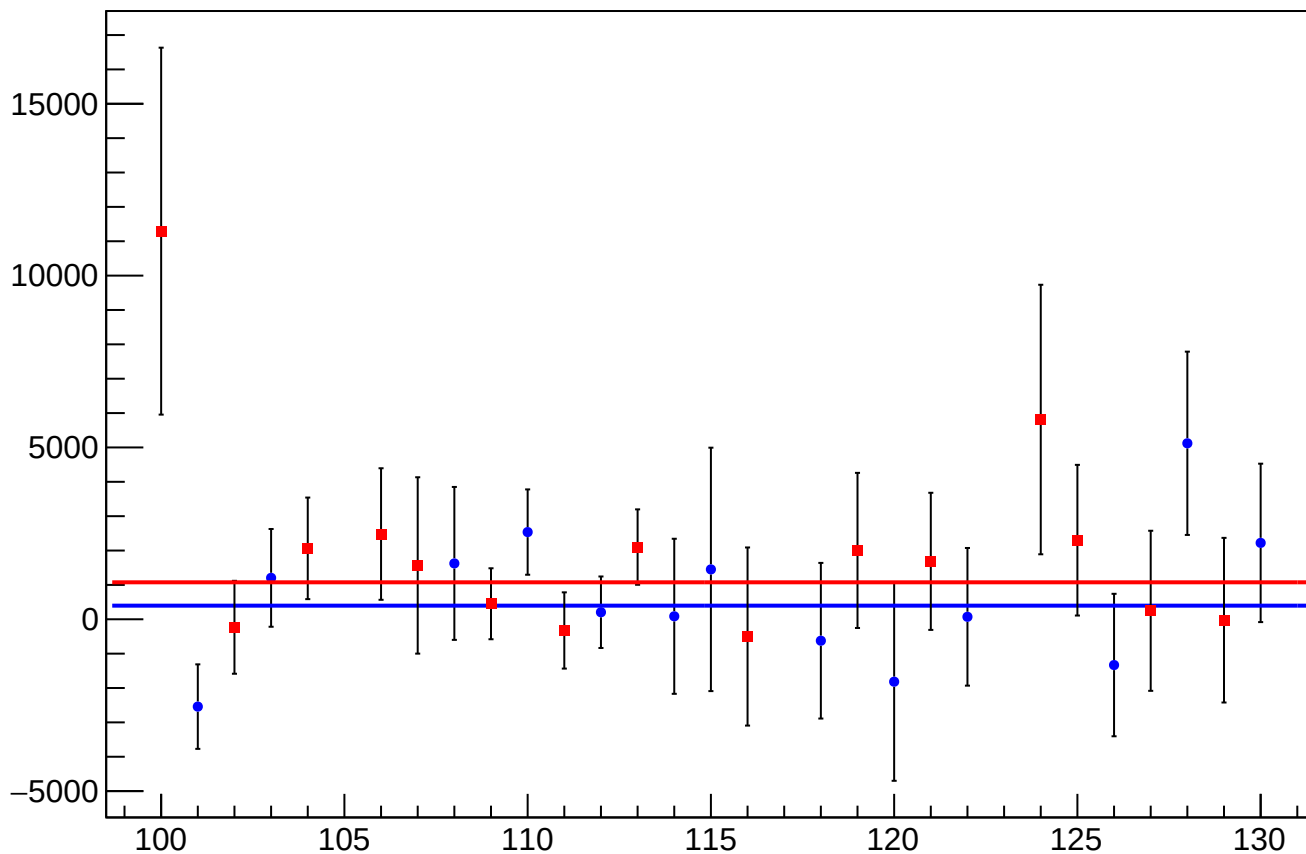
Right: 89.867+/-0.020 χ^2/NDF : 1231227.7/27

In: 91.796+/-0.029 χ^2/NDF : 547499.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.867+/-0.020 χ^2/NDF : 1231227.7/27

asym_sam_3748_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 396.438+/-480.408 χ^2/NDF : 14.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1075.750+/-435.407 χ^2/NDF : 11.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

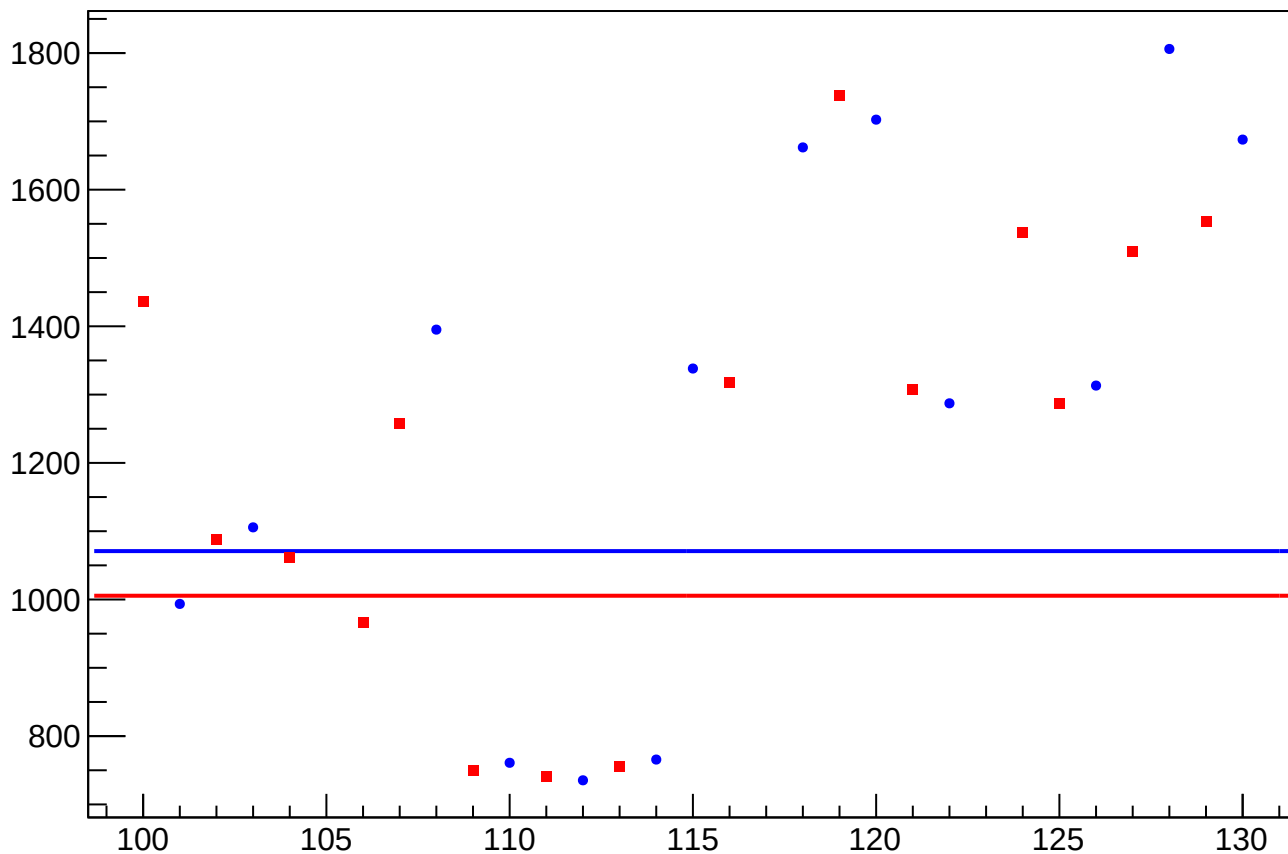
Right: 769.393+/-322.618 χ^2/NDF : 27.0/27

In: 396.438+/-480.408 χ^2/NDF : 14.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 769.393+/-322.618 χ^2/NDF : 27.0/27

asym_sam_3748_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1070.873+/-0.340 χ^2/NDF : 1003789.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1005.526+/-0.308 χ^2/NDF : 937244.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

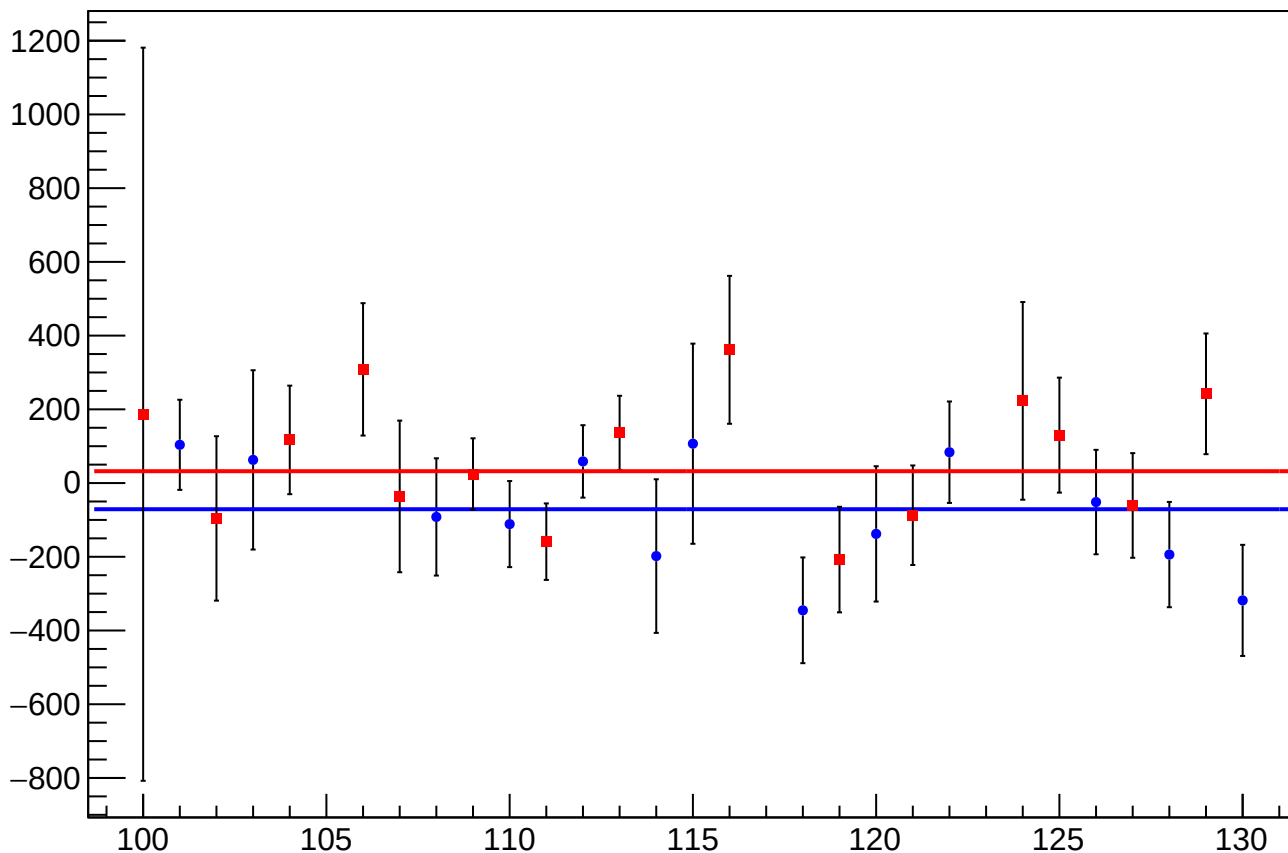
Right: 1034.996+/-0.228 χ^2/NDF : 1961351.0/27

In: 1070.873+/-0.340 χ^2/NDF : 1003789.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1034.996+/-0.228 χ^2/NDF : 1961351.0/27

eigen_cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -70.976+/-40.457 χ^2/NDF : 13.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.150+/-38.050 χ^2/NDF : 16.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

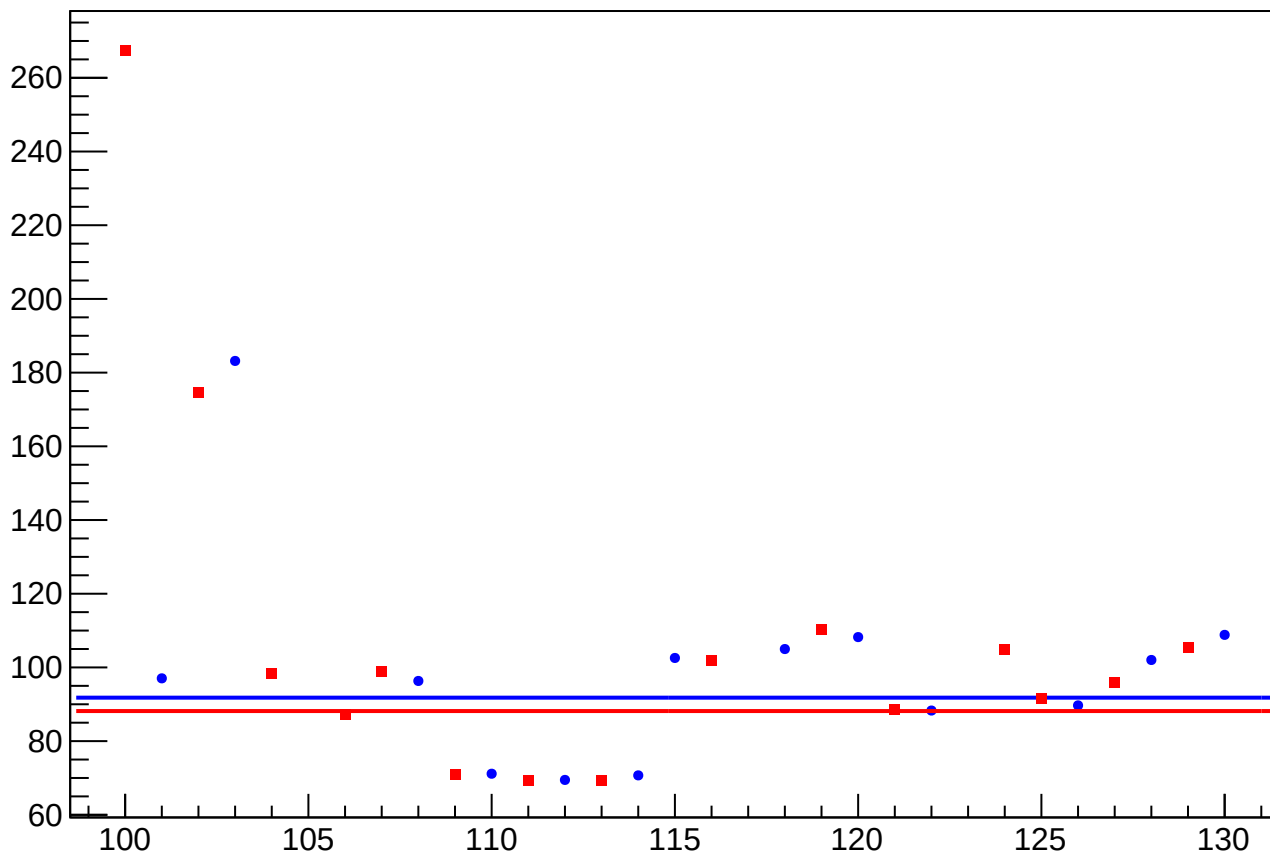
Right: -16.254+/-27.717 χ^2/NDF : 33.9/27

In: -70.976+/-40.457 χ^2/NDF : 13.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.254+/-27.717 χ^2/NDF : 33.9/27

eigen_cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 91.796+/-0.029 χ^2/NDF : 547499.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.161+/-0.027 χ^2/NDF : 675159.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

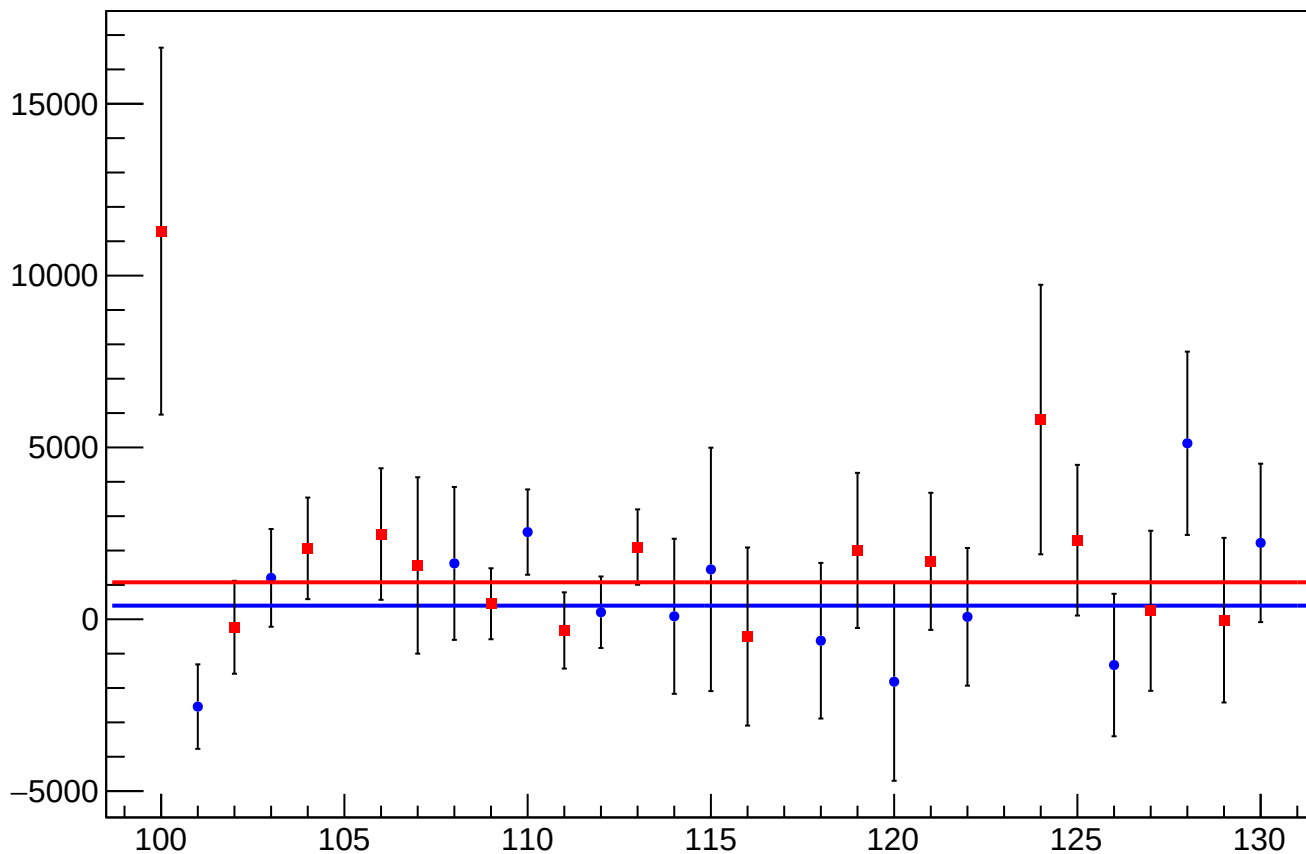
Right: 89.867+/-0.020 χ^2/NDF : 1231227.7/27

In: 91.796+/-0.029 χ^2/NDF : 547499.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.867+/-0.020 χ^2/NDF : 1231227.7/27

asym_sam_3748_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 396.438+/-480.408 χ^2/NDF : 14.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1075.750+/-435.407 χ^2/NDF : 11.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

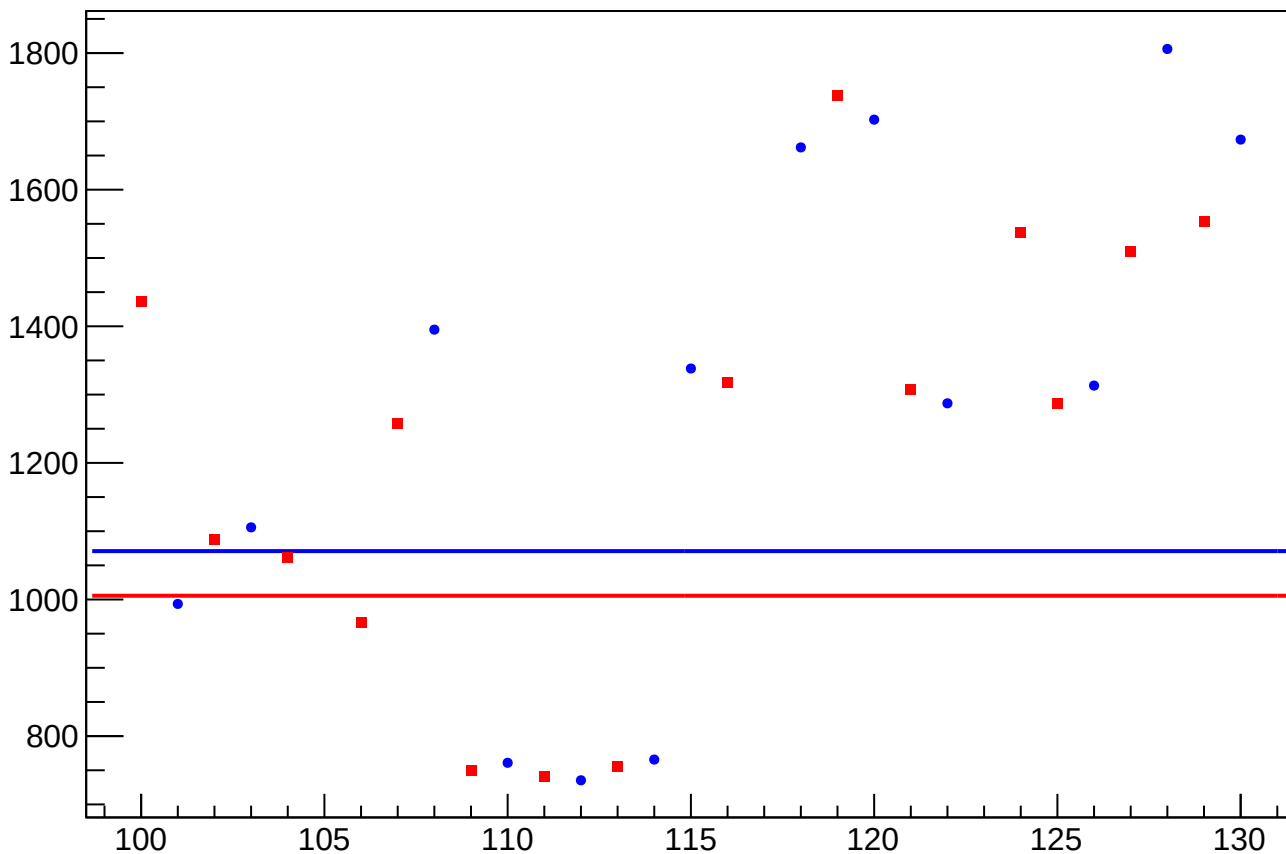
Right: 769.393+/-322.618 χ^2/NDF : 27.0/27

In: 396.438+/-480.408 χ^2/NDF : 14.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 769.393+/-322.618 χ^2/NDF : 27.0/27

asym_sam_3748_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1070.873+/-0.340 χ^2/NDF : 1003789.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1005.526+/-0.308 χ^2/NDF : 937244.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

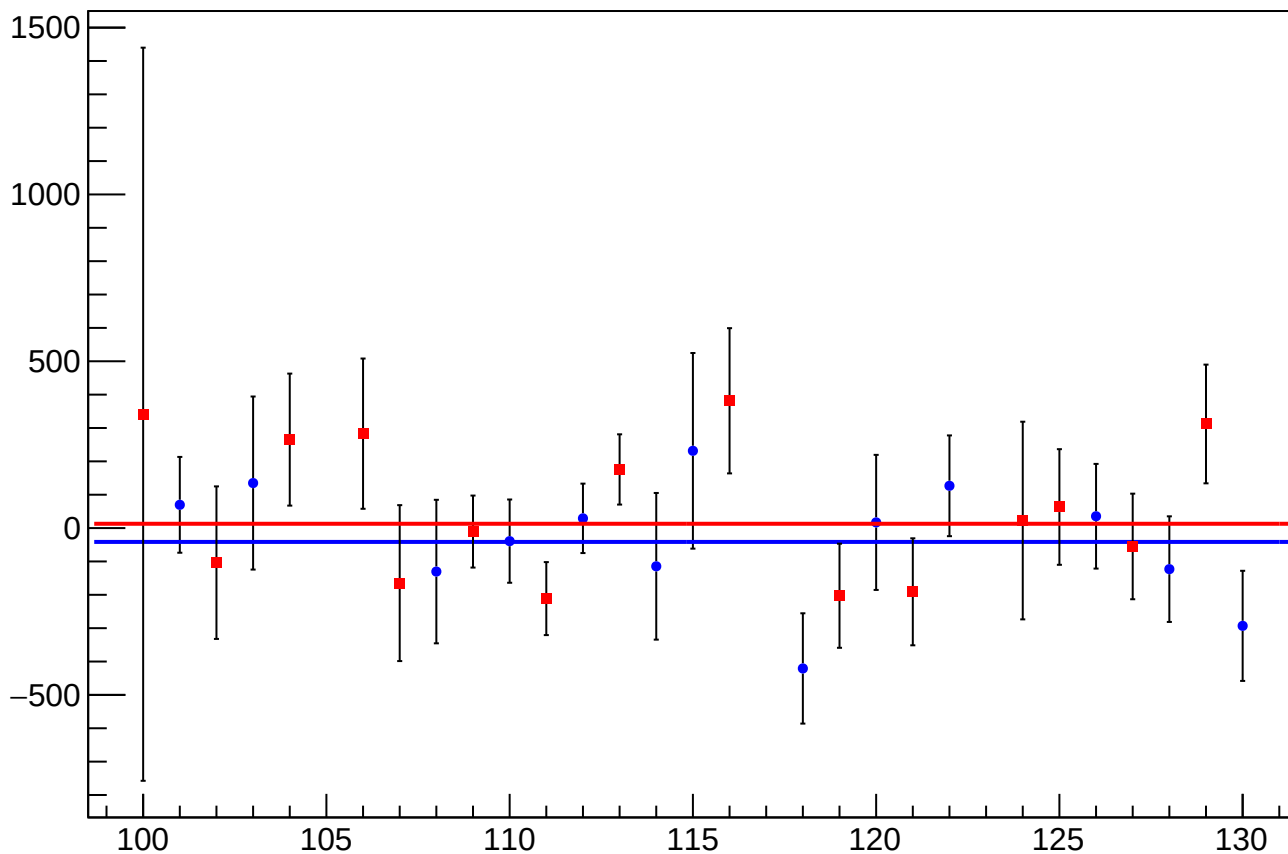
Right: 1034.996+/-0.228 χ^2/NDF : 1961351.0/27

In: 1070.873+/-0.340 χ^2/NDF : 1003789.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1034.996+/-0.228 χ^2/NDF : 1961351.0/27

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -41.470+/-44.901 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.929+/-42.239 χ^2/NDF : 20.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

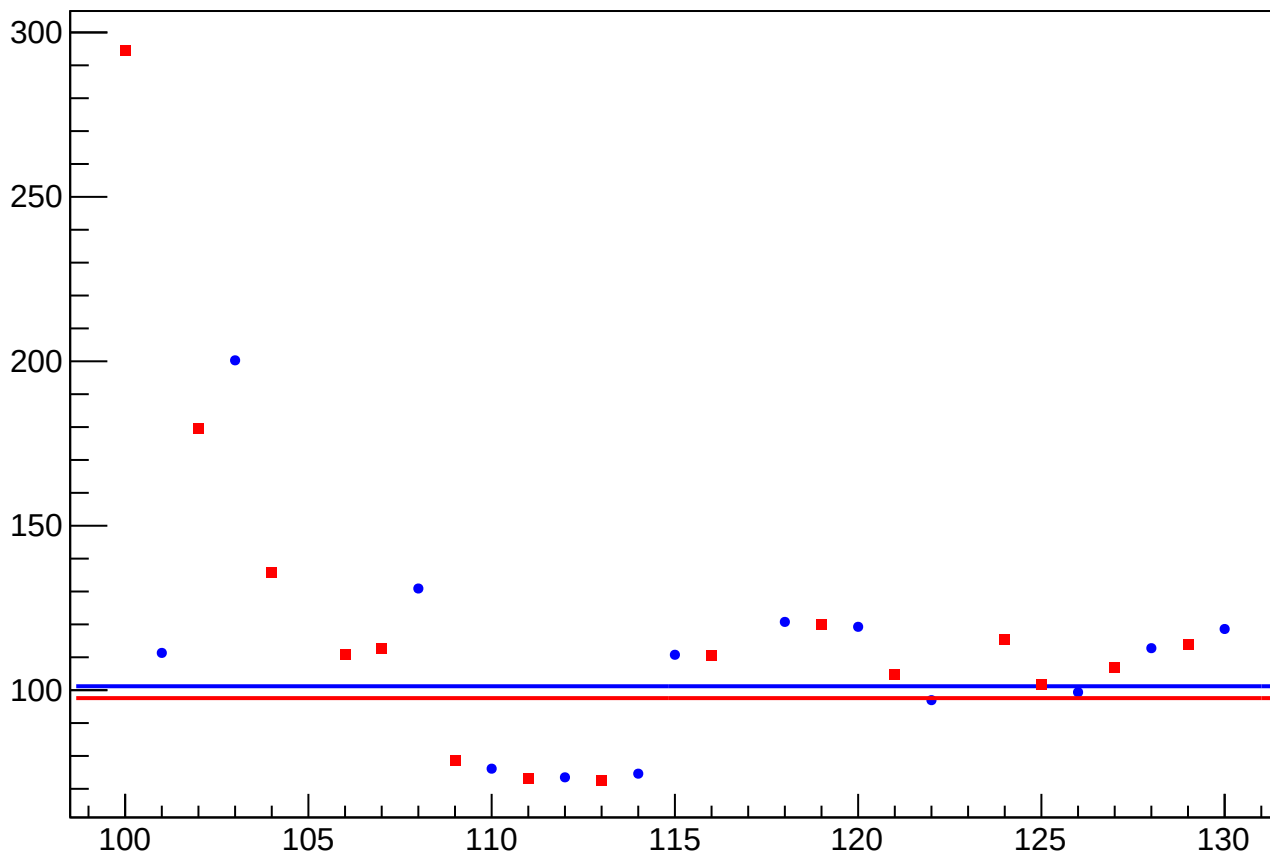
Right: -12.610+/-30.765 χ^2/NDF : 33.0/27

In: -41.470+/-44.901 χ^2/NDF : 12.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.610+/-30.765 χ^2/NDF : 33.0/27

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.192+/-0.032 χ^2/NDF : 672756.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.582+/-0.030 χ^2/NDF : 772913.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

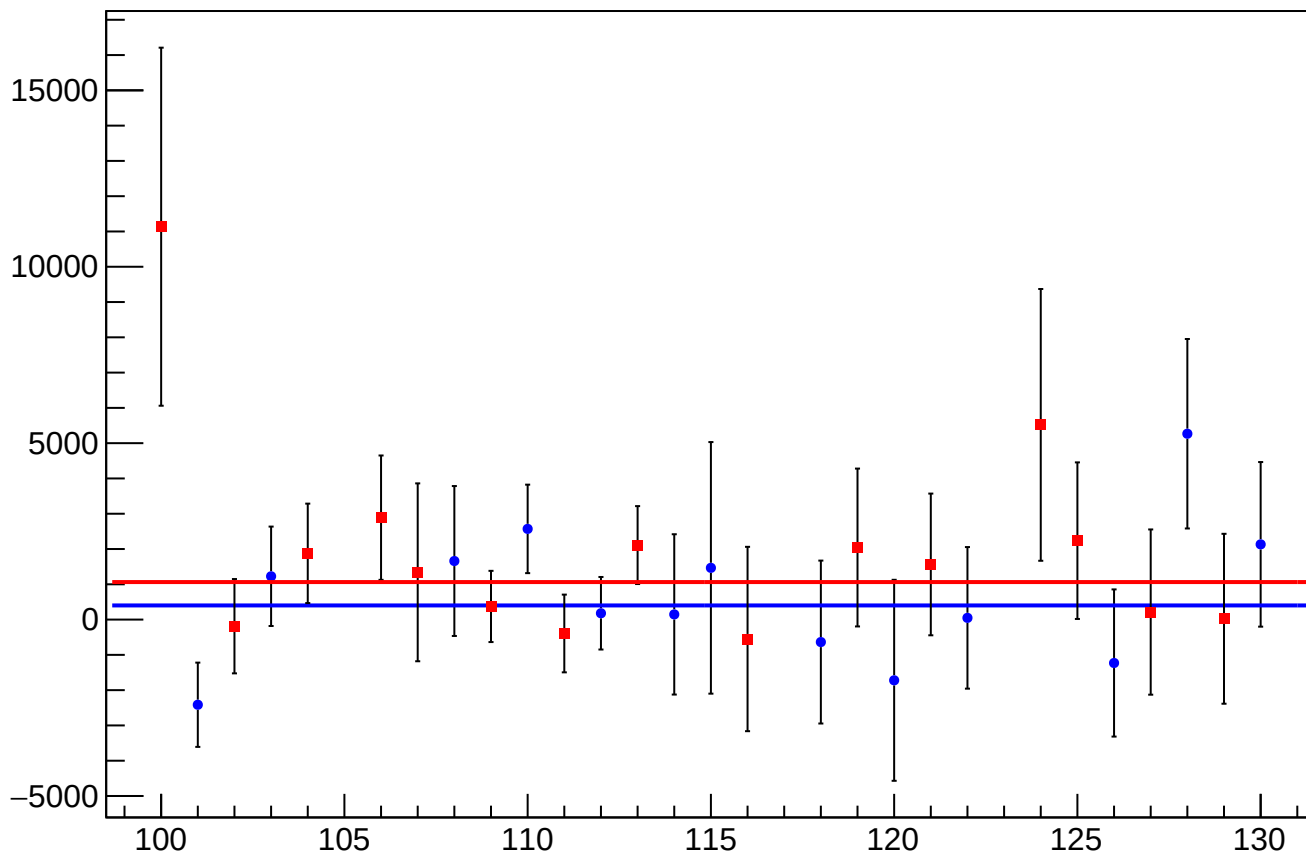
Right: 99.277+/-0.022 χ^2/NDF : 1452524.8/27

In: 101.192+/-0.032 χ^2/NDF : 672756.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.277+/-0.022 χ^2/NDF : 1452524.8/27

asym_sam_3748_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 400.883+/-477.115 χ^2/NDF : 14.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1063.294+/-429.247 χ^2/NDF : 11.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

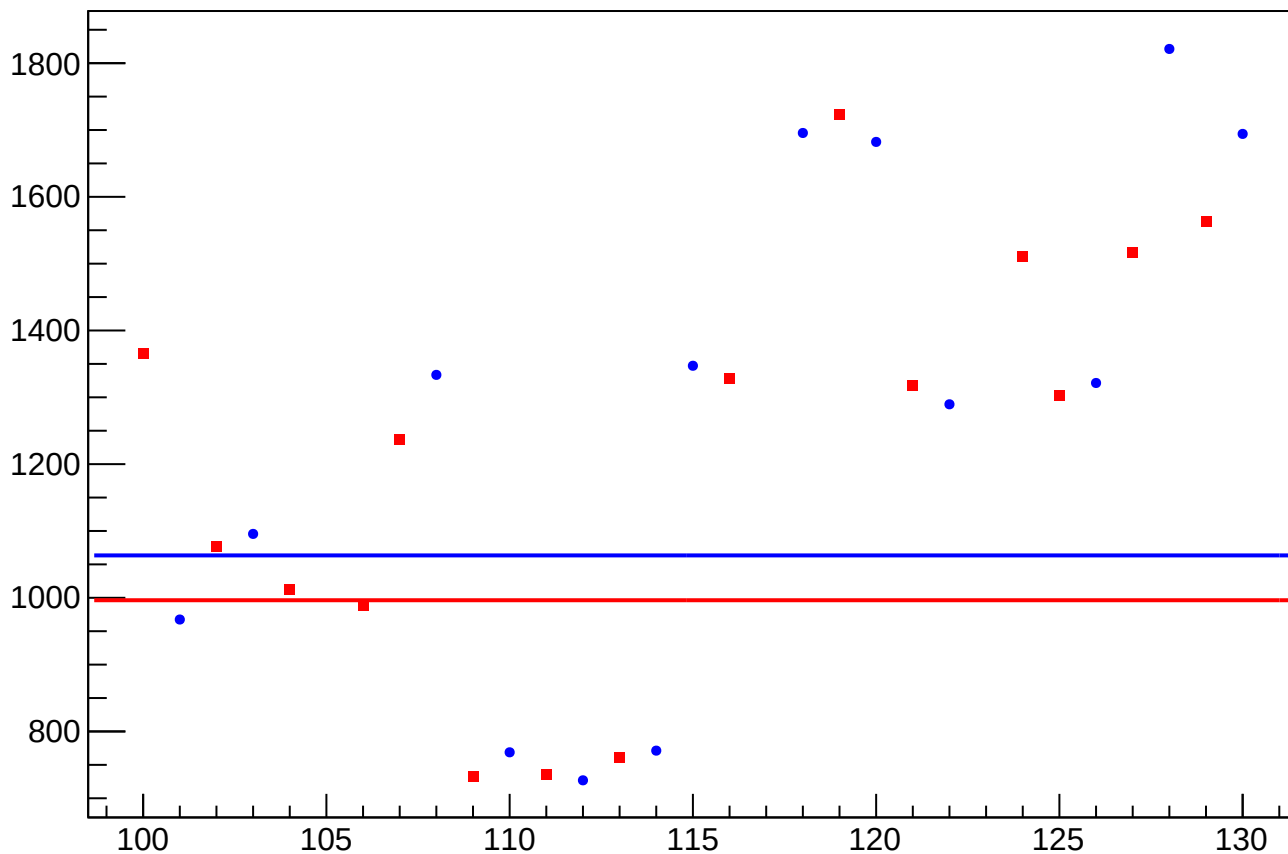
Right: 766.975+/-319.109 χ^2/NDF : 27.6/27

In: 400.883+/-477.115 χ^2/NDF : 14.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 766.975+/-319.109 χ^2/NDF : 27.6/27

asym_sam_3748_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1063.436+/-0.337 χ^2/NDF : 1022681.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 996.348+/-0.304 χ^2/NDF : 952571.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

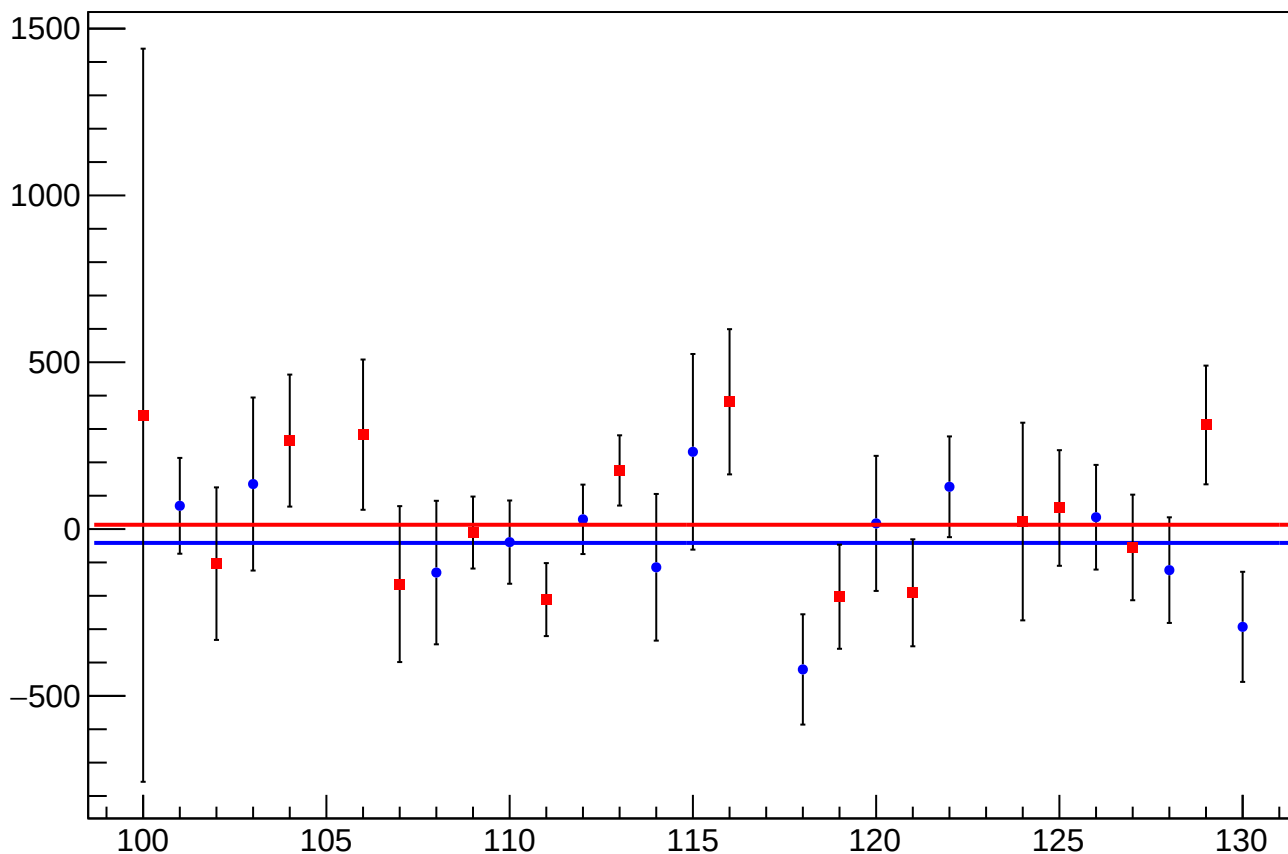
Right: 1026.359+/-0.226 χ^2/NDF : 1997107.0/27

In: 1063.436+/-0.337 χ^2/NDF : 1022681.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1026.359+/-0.226 χ^2/NDF : 1997107.0/27

eigen_dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -41.471+/-44.901 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.927+/-42.239 χ^2/NDF : 20.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

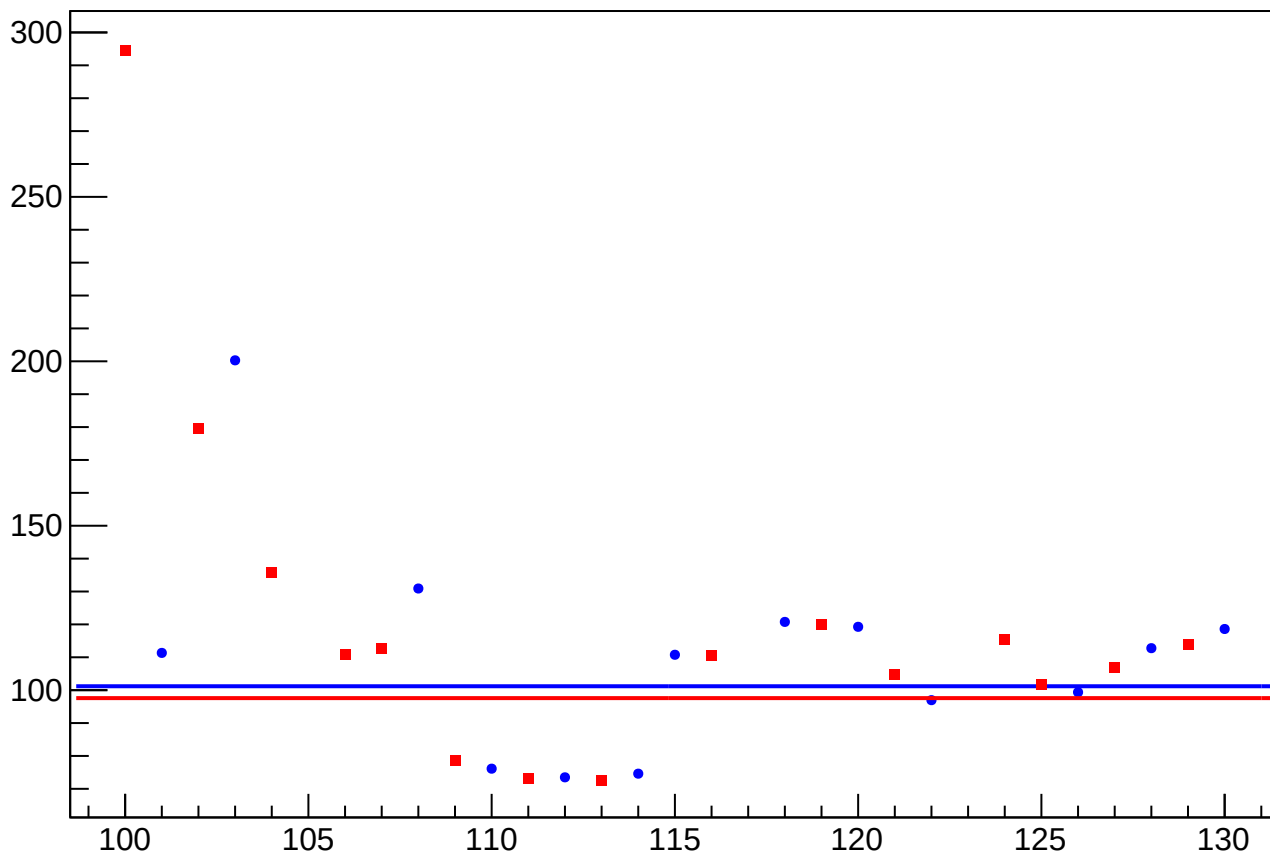
Right: -12.612+/-30.765 χ^2/NDF : 33.0/27

In: -41.471+/-44.901 χ^2/NDF : 12.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.612+/-30.765 χ^2/NDF : 33.0/27

eigen_dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.192+/-0.032 χ^2/NDF : 672755.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.583+/-0.030 χ^2/NDF : 772912.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

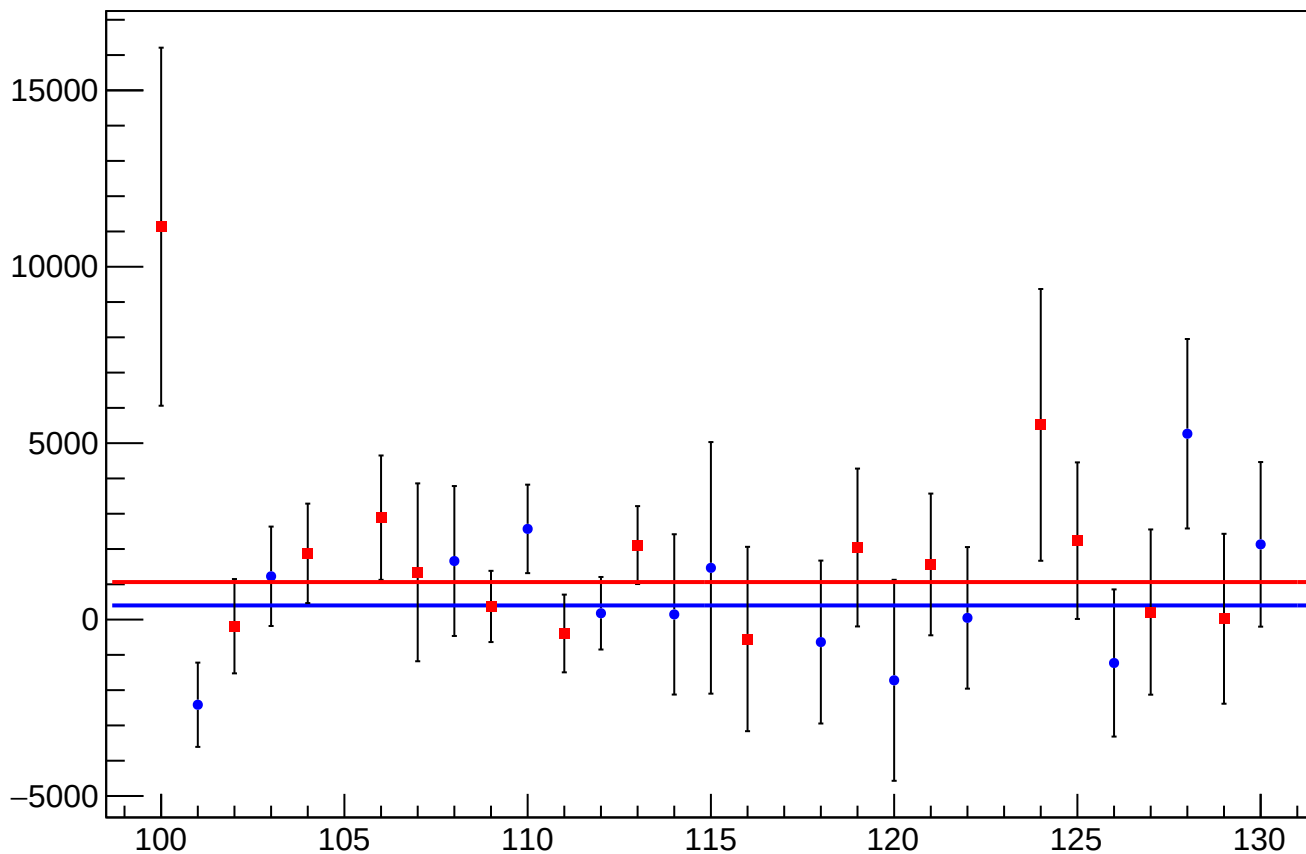
Right: 99.277+/-0.022 χ^2/NDF : 1452523.4/27

In: 101.192+/-0.032 χ^2/NDF : 672755.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.277+/-0.022 χ^2/NDF : 1452523.4/27

asym_sam_3748_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 400.882 $\pm$ 477.114 χ^2 /NDF: 14.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1063.292 $\pm$ 429.246 χ^2 /NDF: 11.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

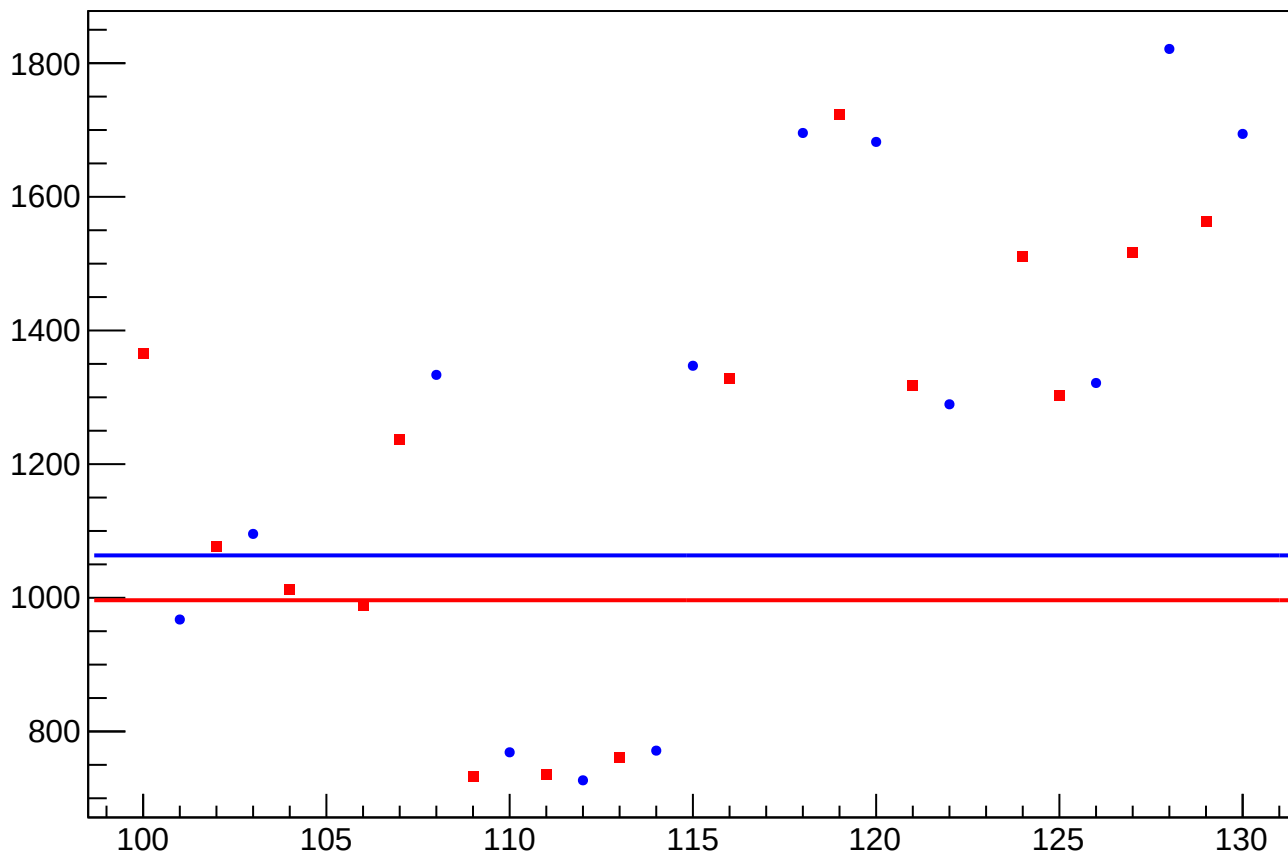
Right: 766.974 $\pm$ 319.108 χ^2 /NDF: 27.6/27

In: 400.882 $\pm$ 477.114 χ^2 /NDF:14.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 766.974 $\pm$ 319.108 χ^2 /NDF: 27.6/27

asym_sam_3748_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1063.434+/-0.337 χ^2/NDF : 1022687.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 996.346+/-0.304 χ^2/NDF : 952573.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

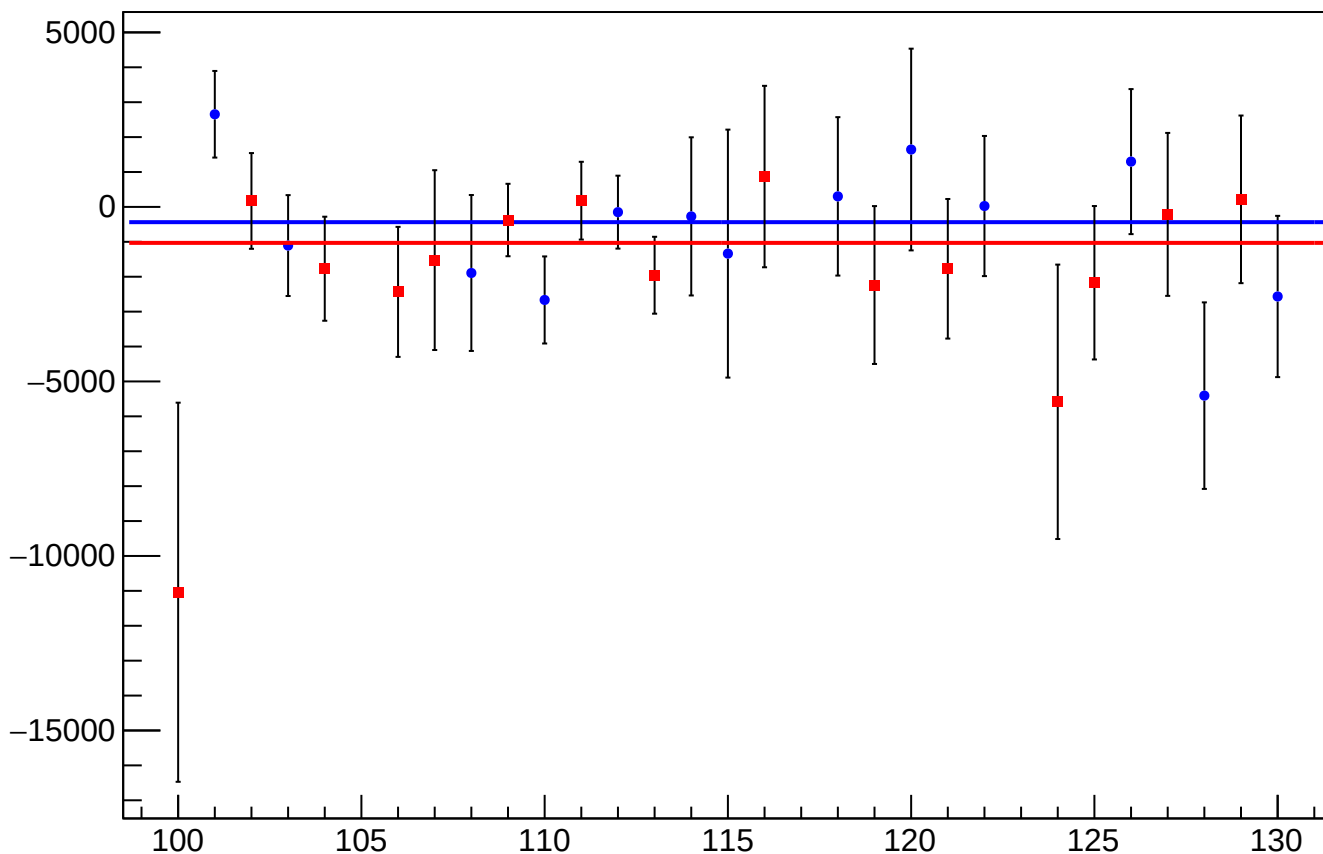
Right: 1026.357+/-0.226 χ^2/NDF : 1997114.4/27

In: 1063.434+/-0.337 χ^2/NDF : 1022687.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1026.357+/-0.226 χ^2/NDF : 1997114.4/27

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -436.844+/-483.221 χ^2/NDF : 15.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1030.447+/-437.039 χ^2/NDF : 10.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

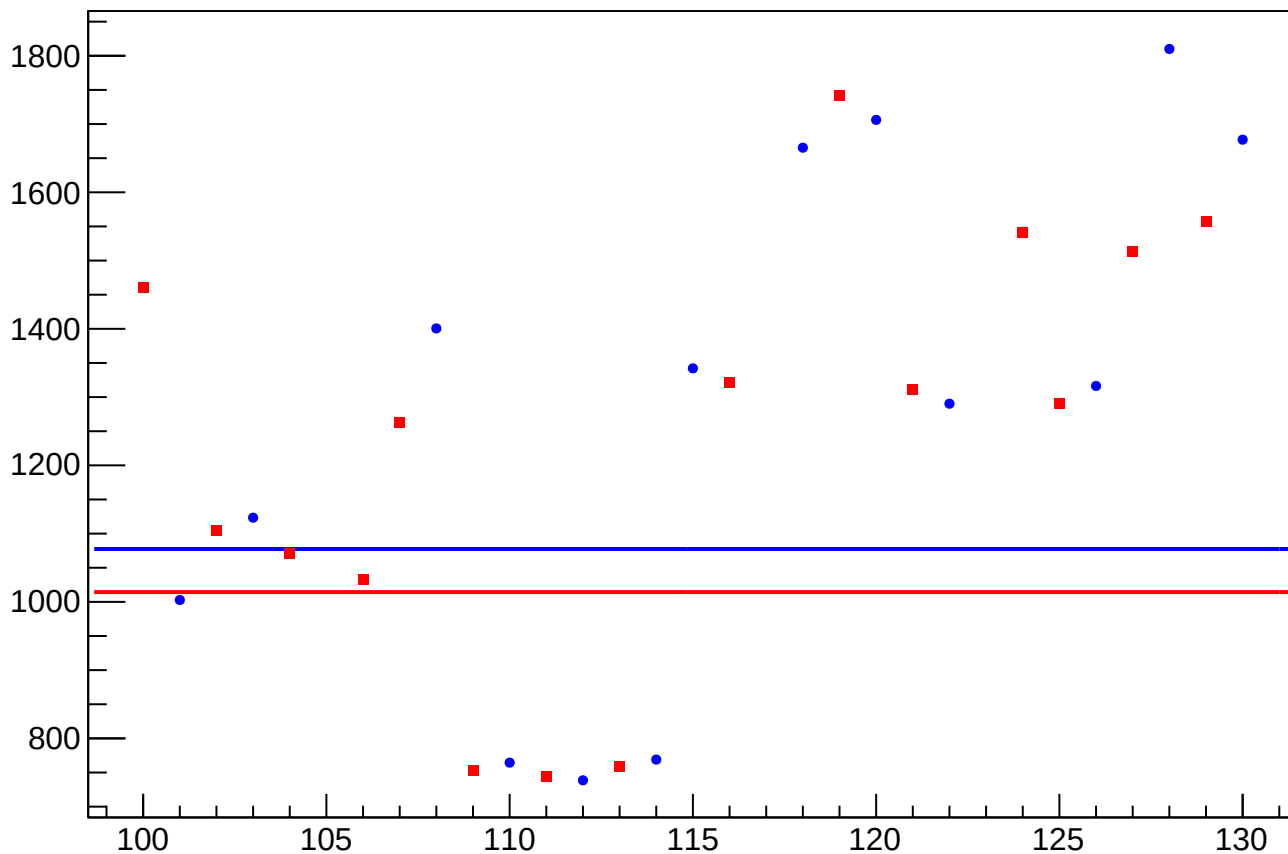
Right: -763.360+/-324.134 χ^2/NDF : 27.0/27

In: -436.844+/-483.221 χ^2/NDF : 15.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -763.360+/-324.134 χ^2/NDF : 27.0/27

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 1077.462+/-0.342 χ^2/NDF : 998465.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1014.298+/-0.309 χ^2/NDF : 934915.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

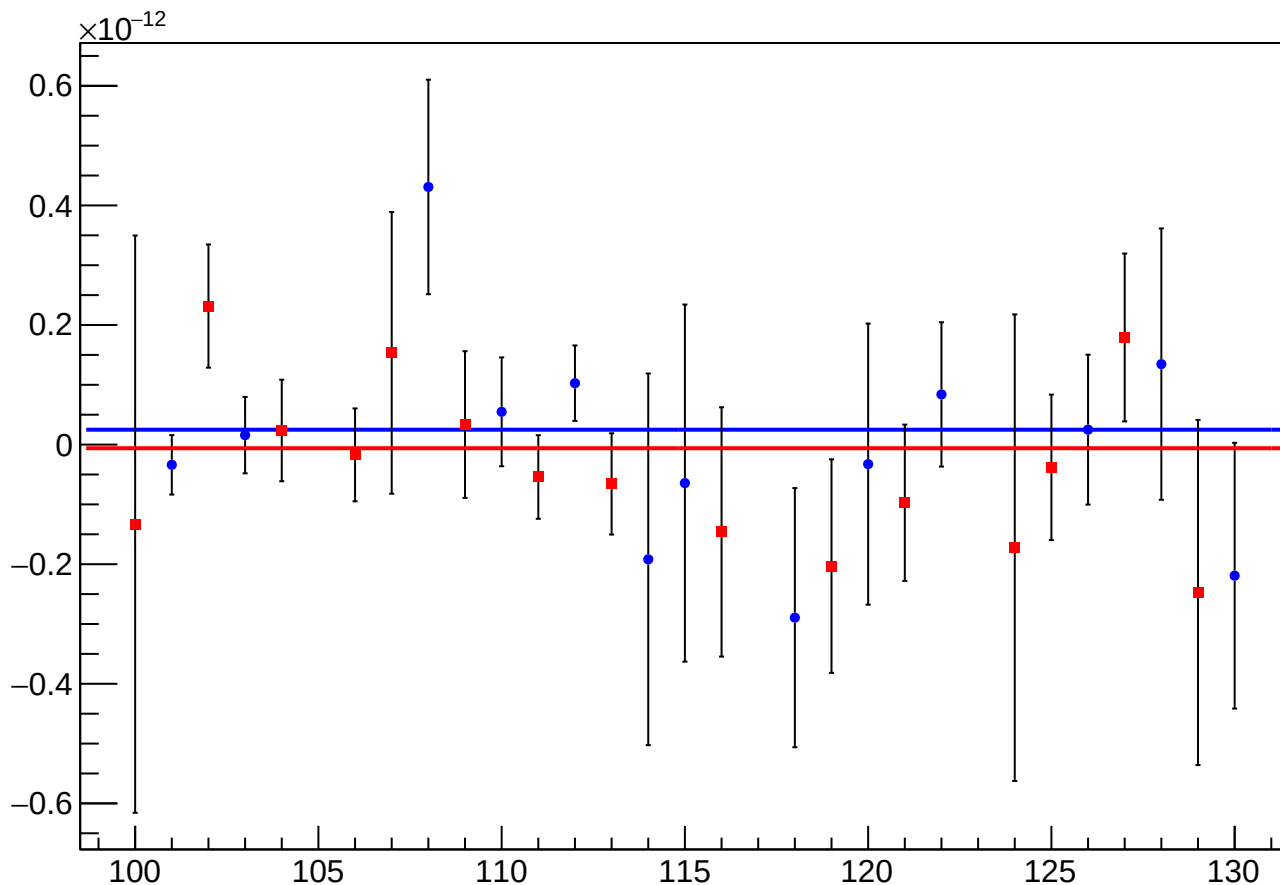
Right: 1042.718+/-0.229 χ^2/NDF : 1952177.9/27

In: 1077.462+/-0.342 χ^2/NDF : 998465.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1042.718+/-0.229 χ^2/NDF : 1952177.9/27

asym_sam_3748_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

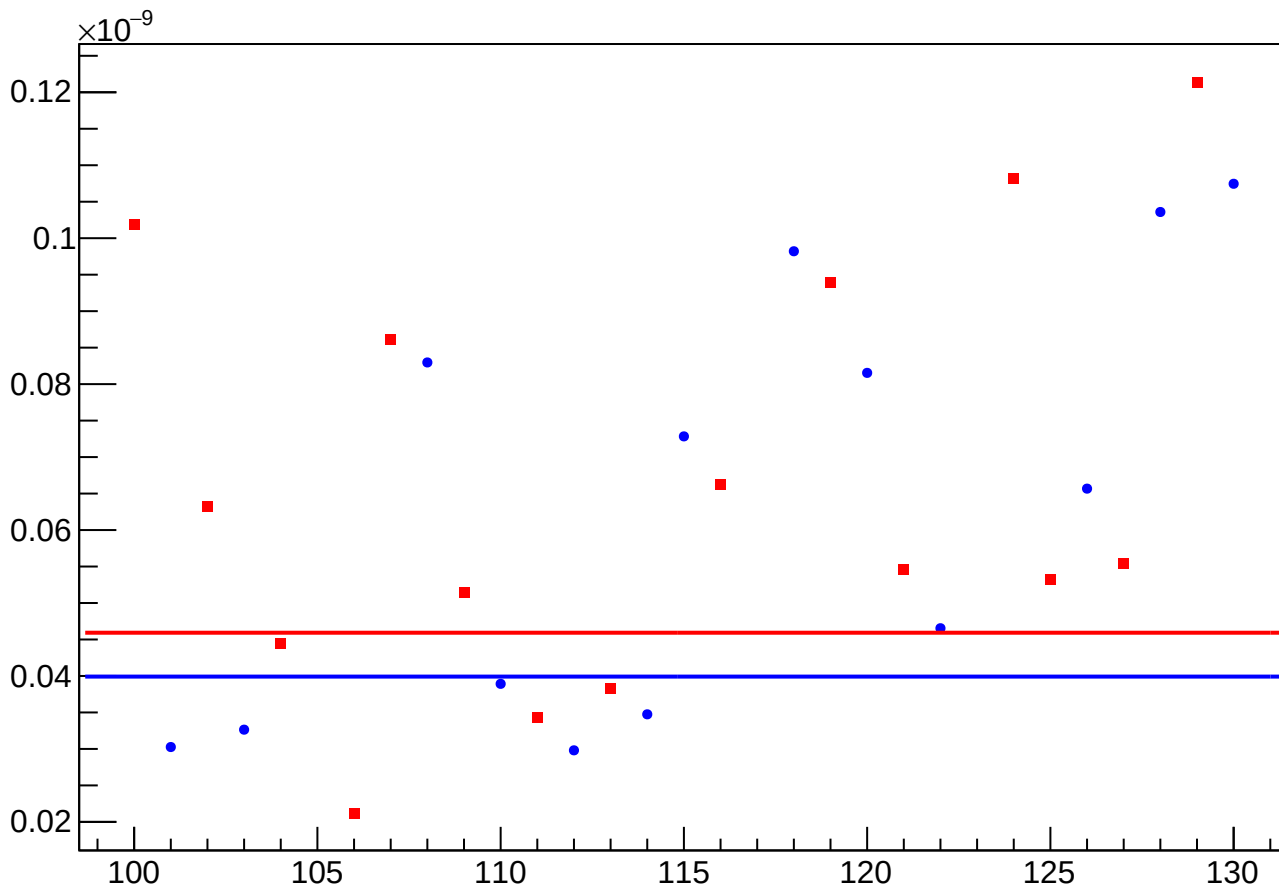
Right: 0.000+/-0.000 χ^2/NDF : 25.1/27

In: 0.000+/-0.000 χ^2/NDF : 12.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.1/27

asym_sam_3748_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 933221.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 797208.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

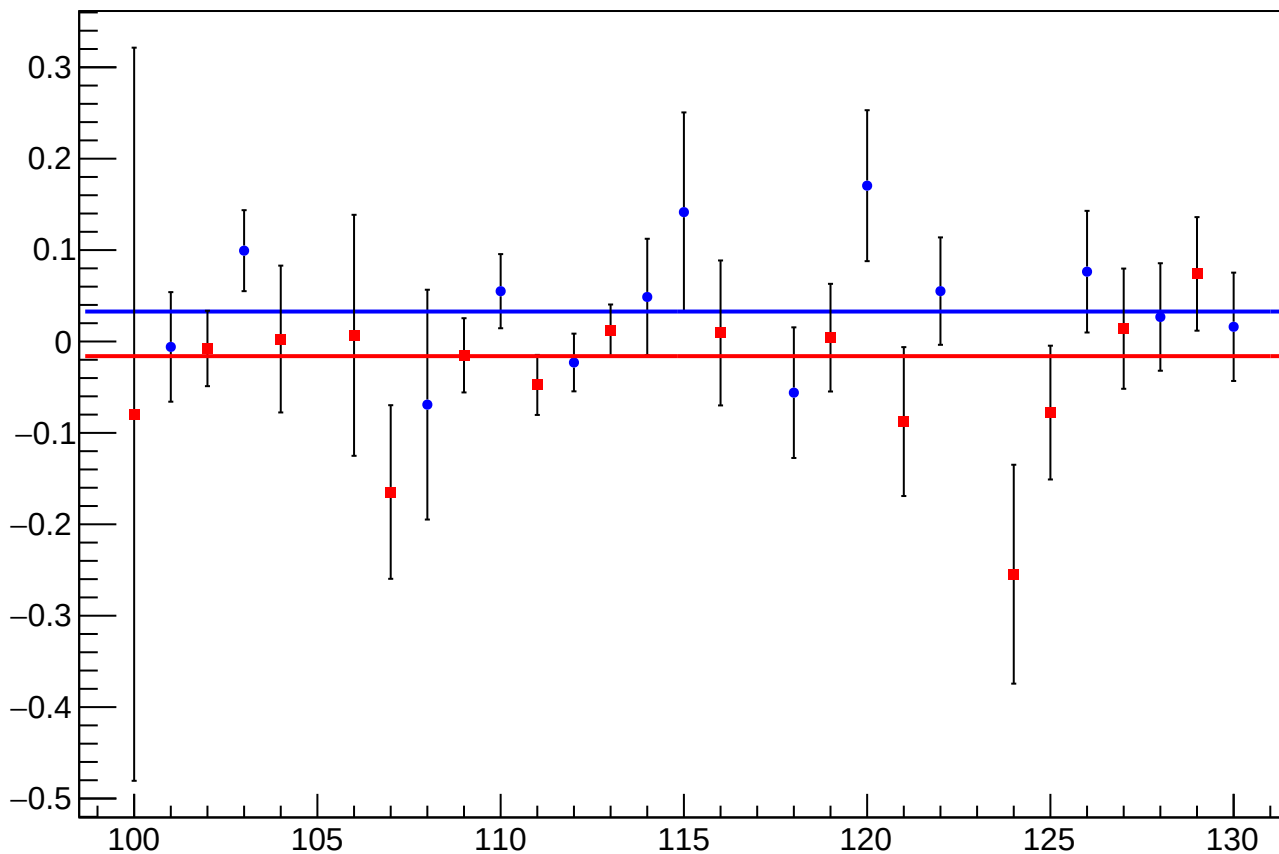
Right: 0.000+/-0.000 χ^2/NDF : 1772903.6/27

In: 0.000+/-0.000 χ^2/NDF : 933221.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1772903.6/27

asym_sam_3748_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.015 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-0.014 χ^2/NDF : 12.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

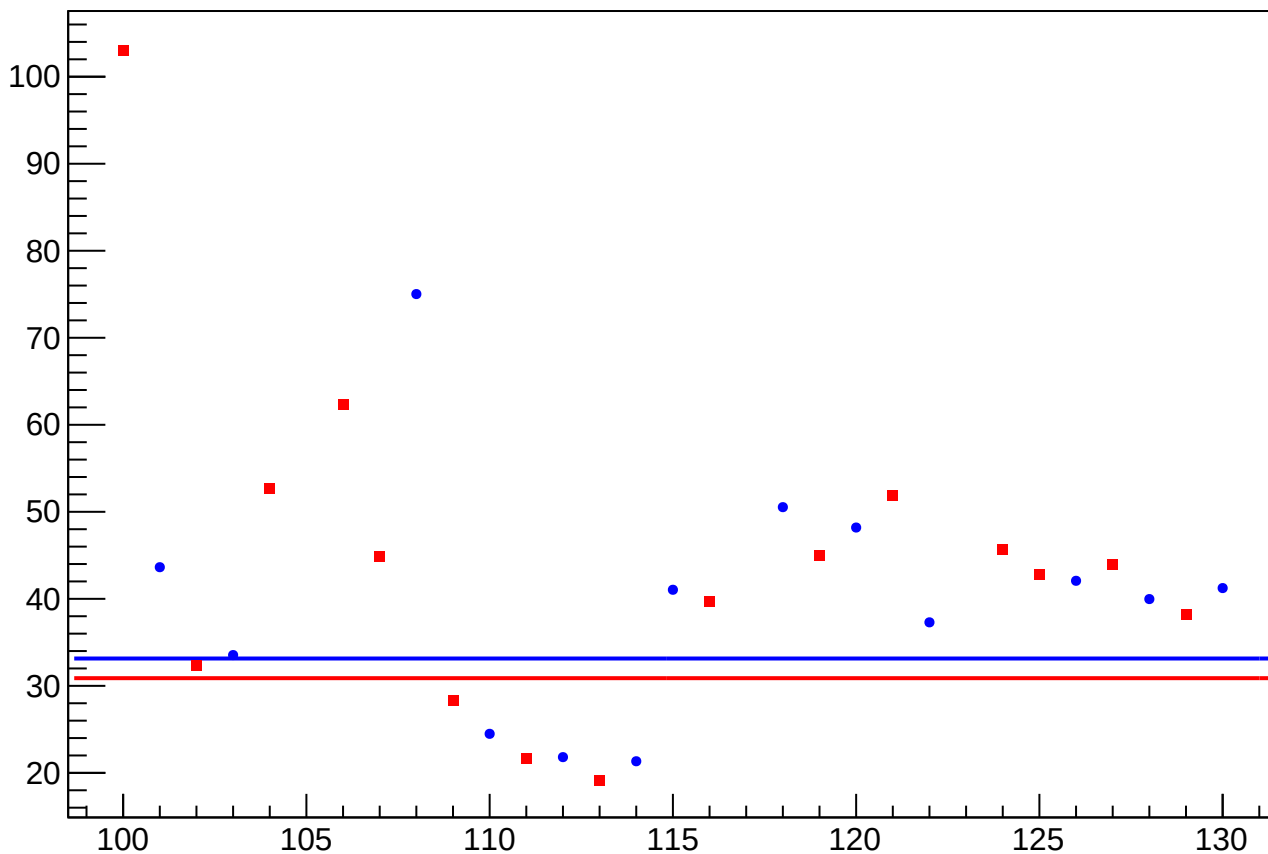
Right: 0.006+/-0.010 χ^2/NDF : 30.8/27

In: 0.033+/-0.015 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.010 χ^2/NDF : 30.8/27

asym_sam_3748_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.142+/-0.011 χ^2/NDF : 1006937.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.882+/-0.010 χ^2/NDF : 1344885.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

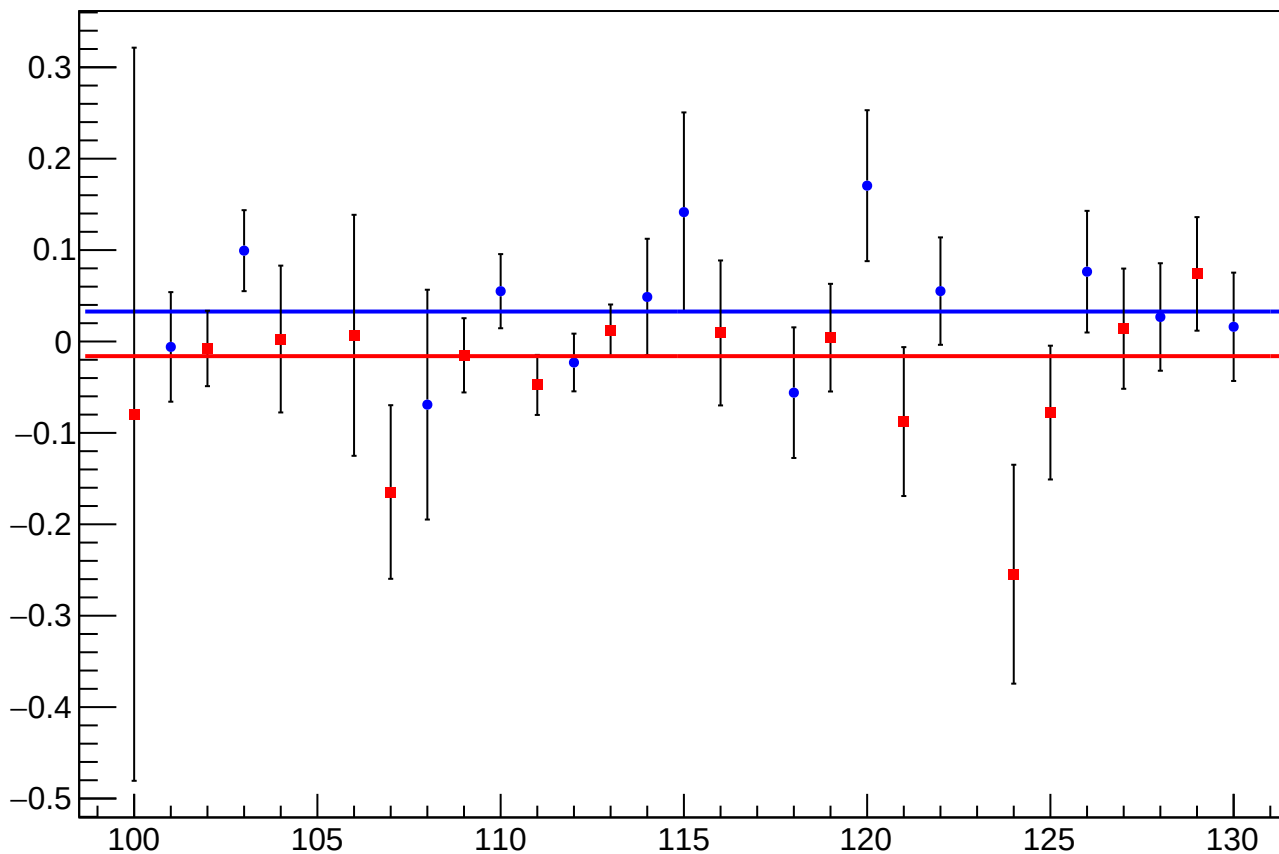
Right: 31.912+/-0.007 χ^2/NDF : 2375313.1/27

In: 33.142+/-0.011 χ^2/NDF : 1006937.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.912+/-0.007 χ^2/NDF : 2375313.1/27

asym_sam_3748_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.015 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-0.014 χ^2/NDF : 12.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

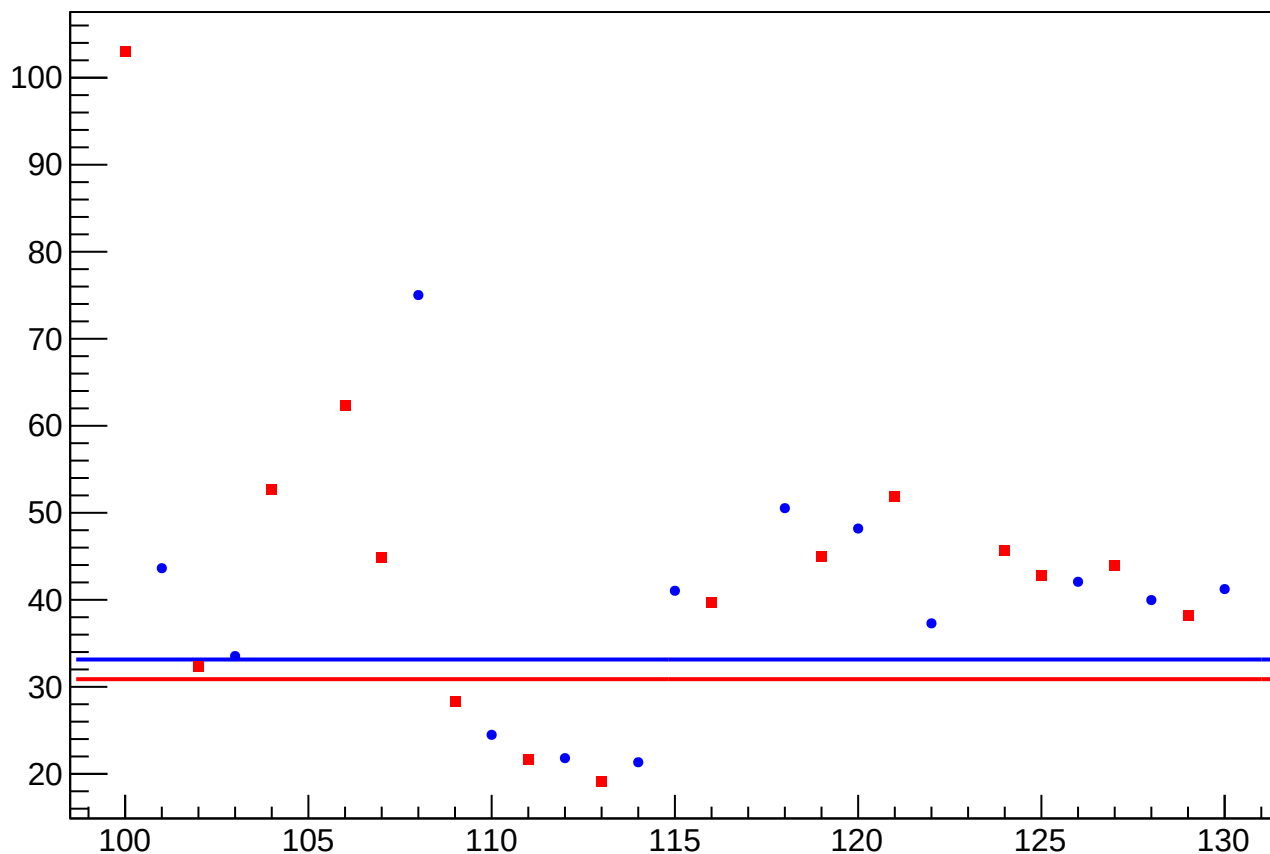
Right: 0.006+/-0.010 χ^2/NDF : 30.8/27

In: 0.033+/-0.015 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.010 χ^2/NDF : 30.8/27

asym_sam_3748_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.142+/-0.011 χ^2/NDF : 1006937.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 30.882+/-0.010 χ^2/NDF : 1344885.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

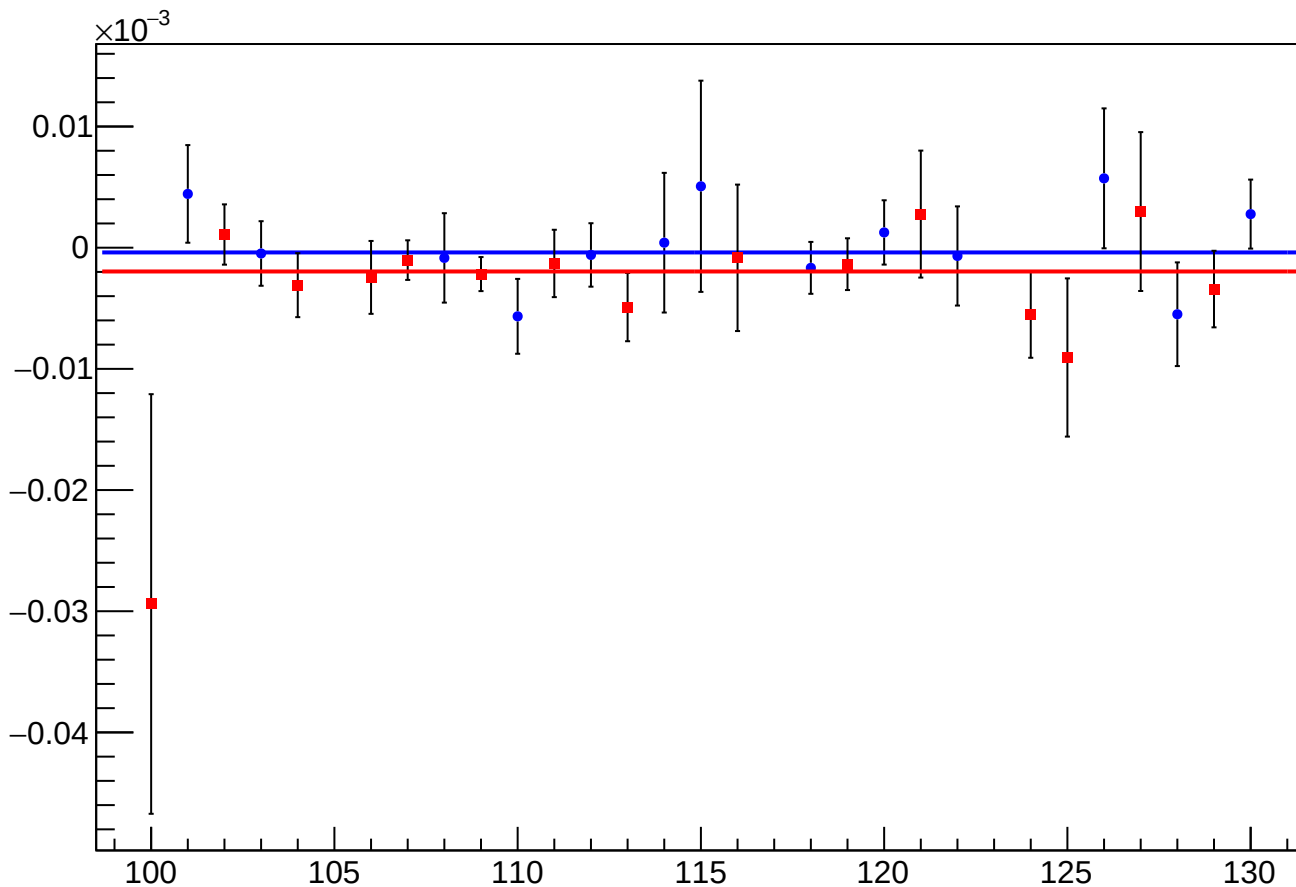
Right: 31.912+/-0.007 χ^2/NDF : 2375313.1/27

In: 33.142+/-0.011 χ^2/NDF :1006937.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 31.912+/-0.007 χ^2/NDF : 2375313.1/27

asym_sam_3748_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

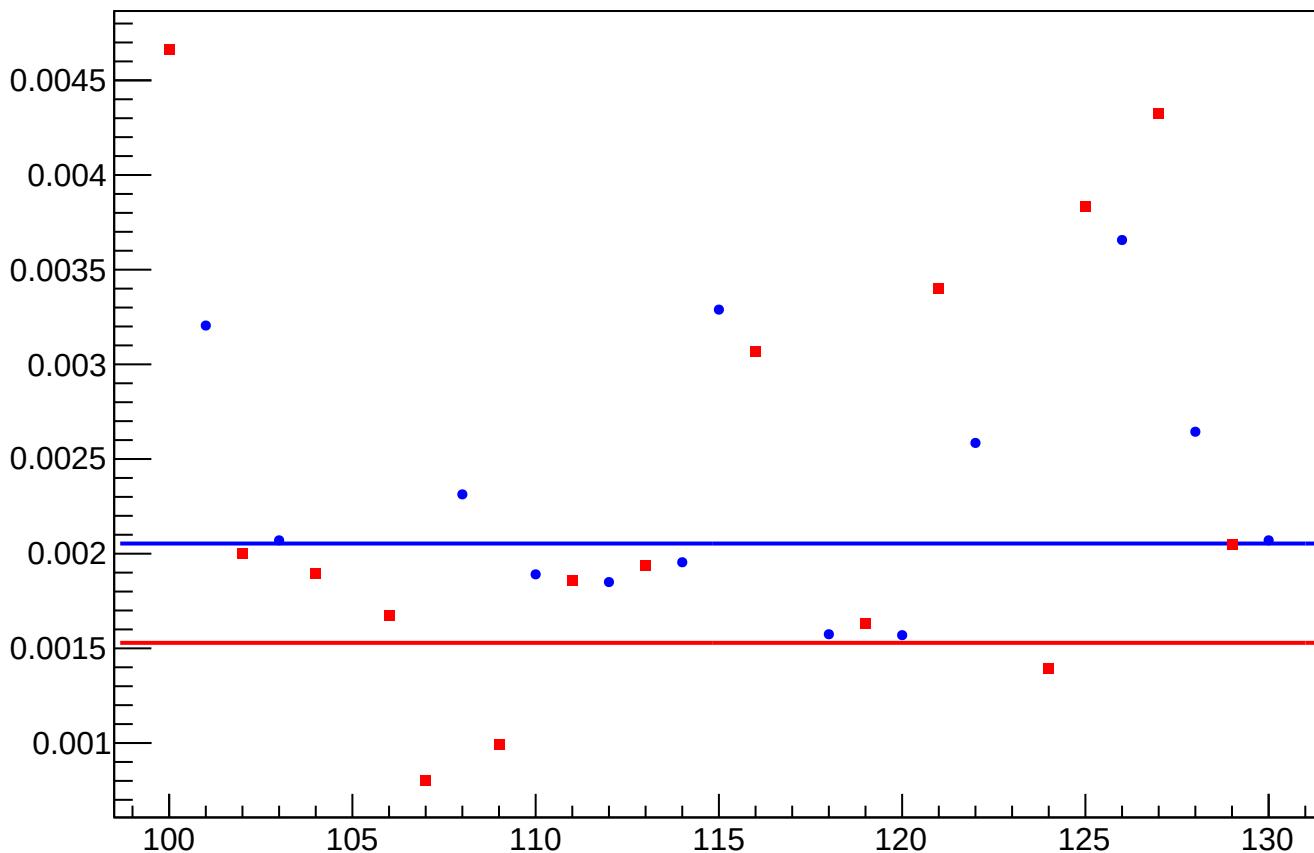
Right: -0.000+/-0.000 χ^2/NDF : 20.8/27

In: -0.000+/-0.000 χ^2/NDF :9.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.8/27

asym_sam_3748_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 624448.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1997475.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

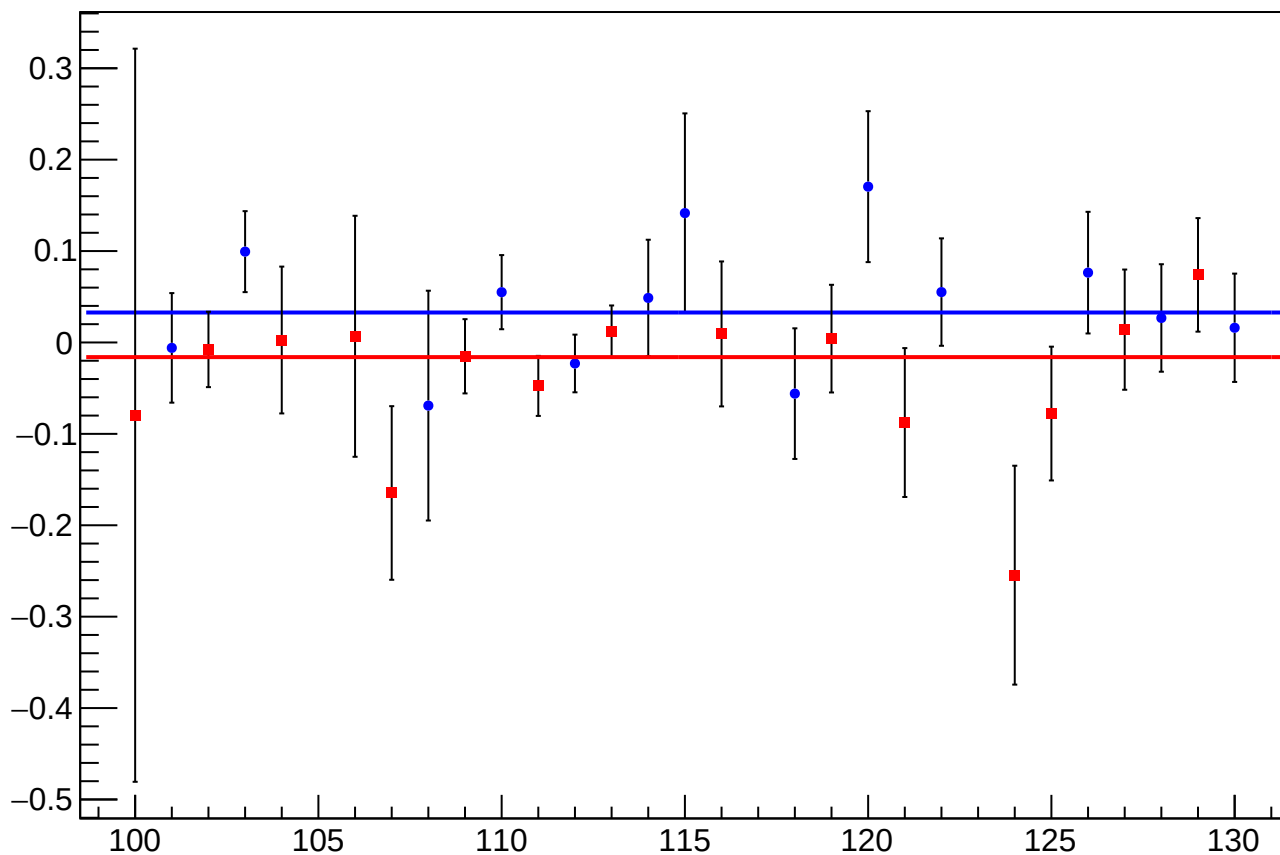
Right: 0.002+/-0.000 χ^2/NDF : 3038866.6/27

In: 0.002+/-0.000 χ^2/NDF :624448.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3038866.6/27

asym_sam_3748_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033 $\pm$ 0.015 χ^2 /NDF: 12.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.016 $\pm$ 0.014 χ^2 /NDF: 12.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

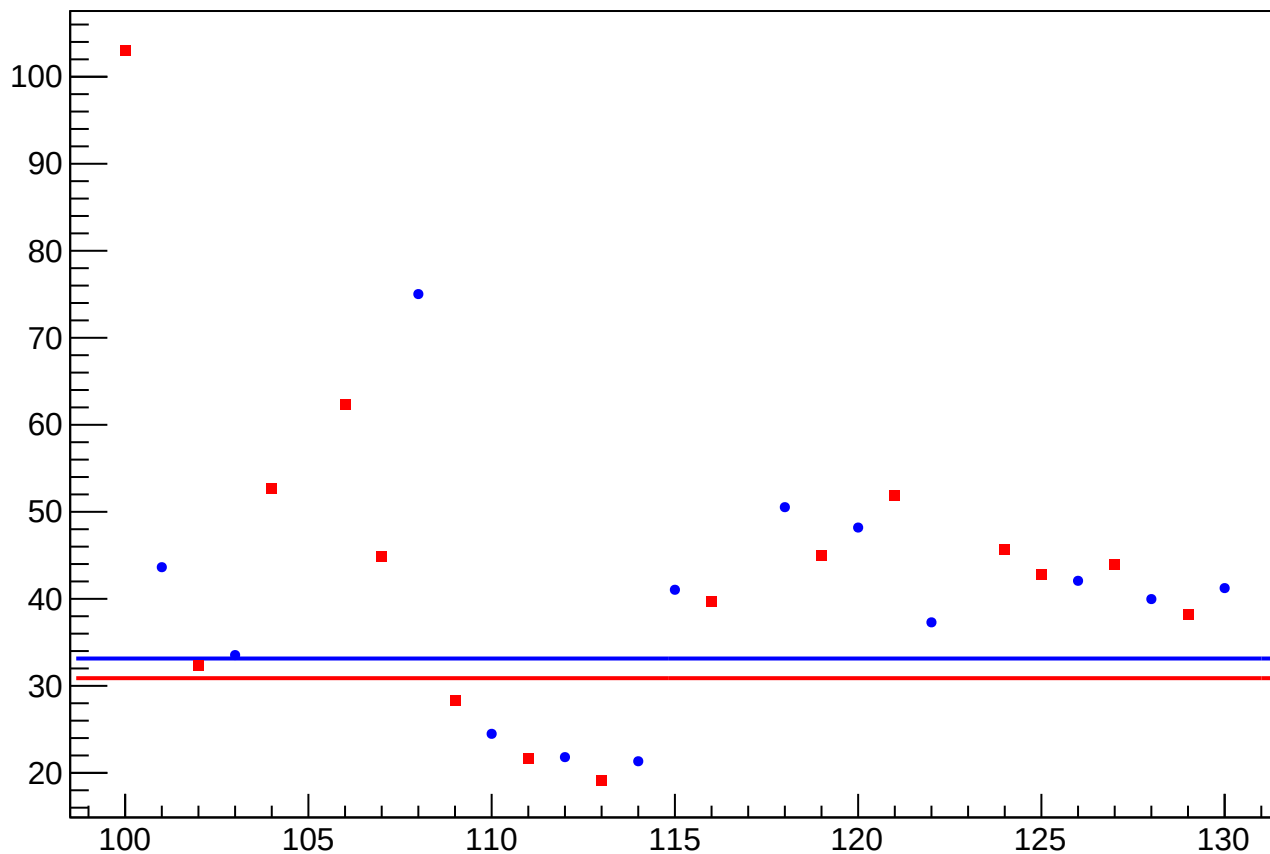
Right: 0.006 $\pm$ 0.010 χ^2 /NDF: 30.8/27

In: 0.033 $\pm$ 0.015 χ^2 /NDF:12.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.006 $\pm$ 0.010 χ^2 /NDF: 30.8/27

asym_sam_3748_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.143+/-0.011 χ^2/NDF : 1006906.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.883+/-0.010 χ^2/NDF : 1344846.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

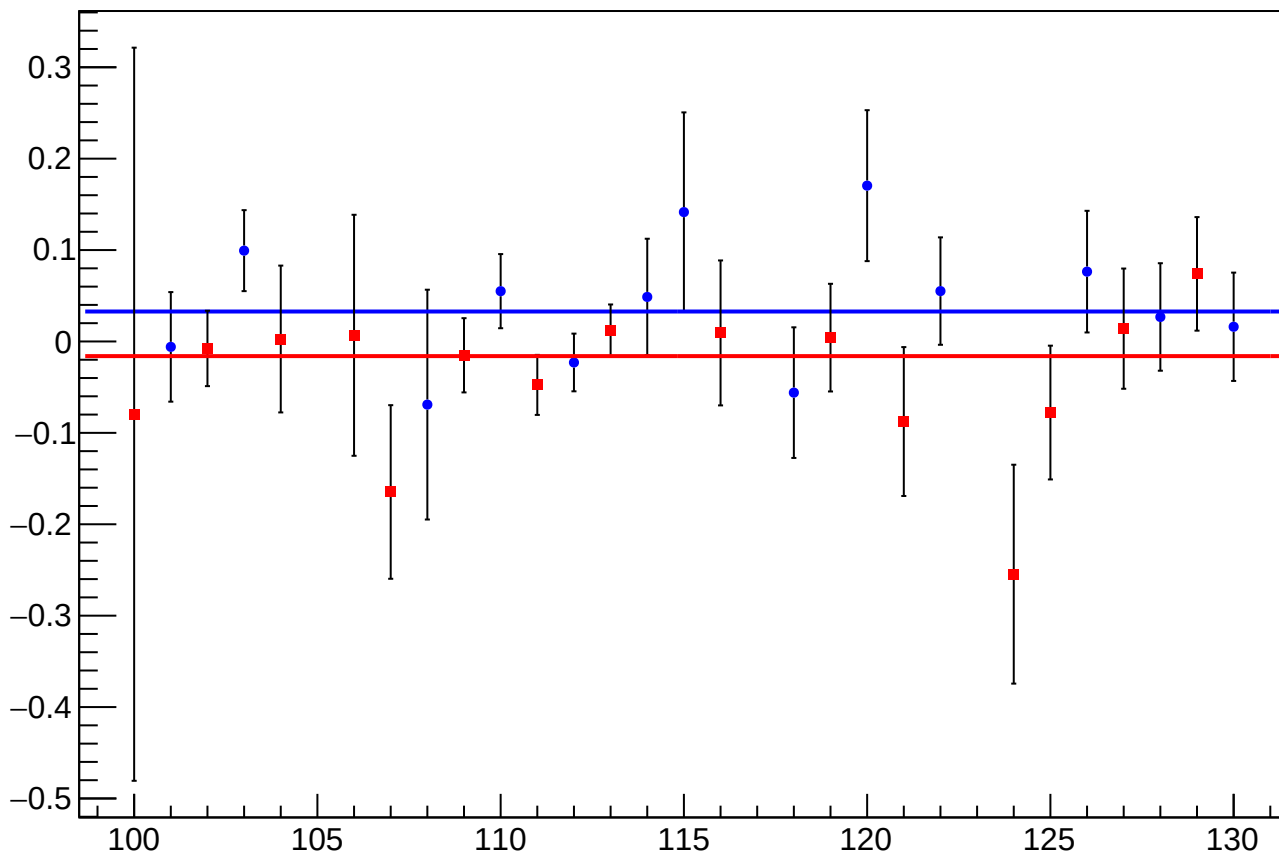
Right: 31.913+/-0.007 χ^2/NDF : 2375242.8/27

In: 33.143+/-0.011 χ^2/NDF : 1006906.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.913+/-0.007 χ^2/NDF : 2375242.8/27

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.015 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-0.014 χ^2/NDF : 12.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

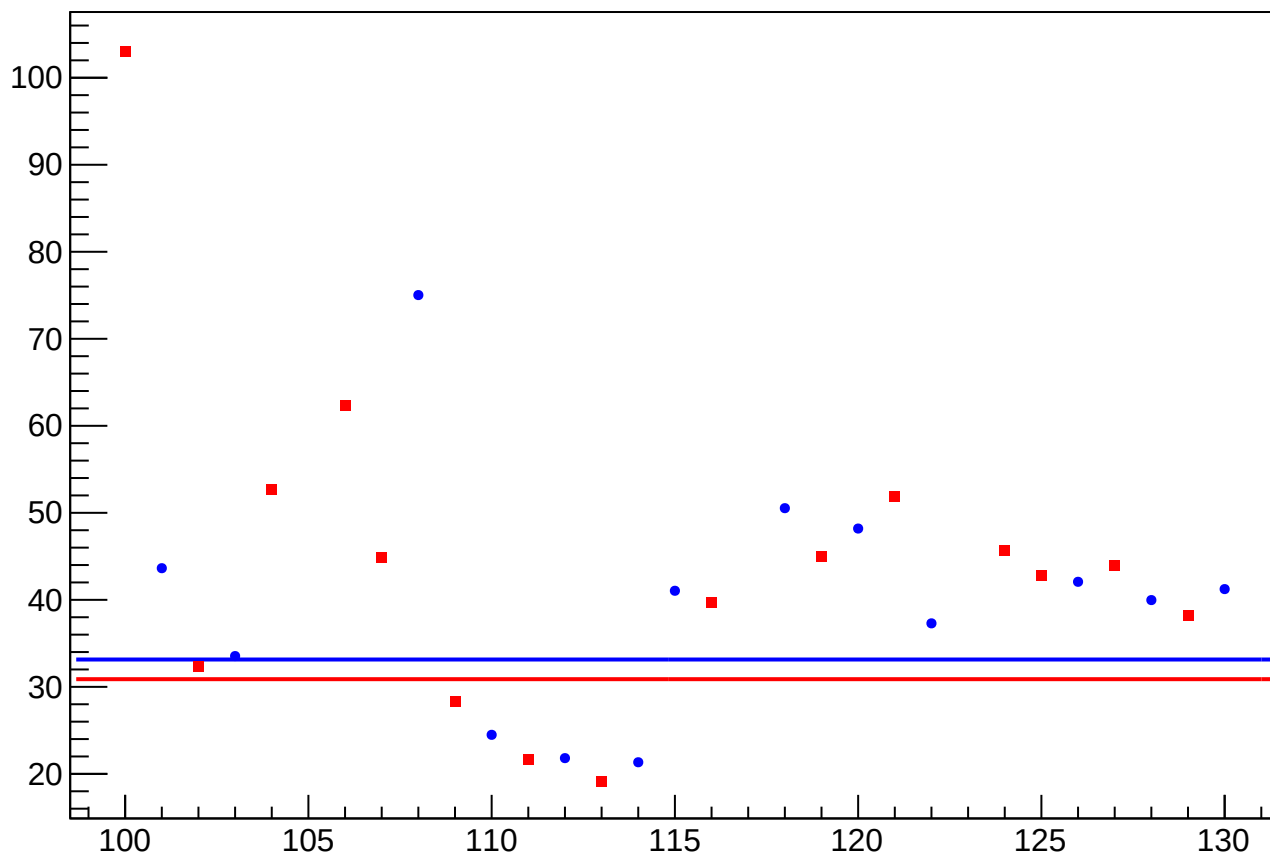
Right: 0.006+/-0.010 χ^2/NDF : 30.8/27

In: 0.033+/-0.015 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.010 χ^2/NDF : 30.8/27

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.143+/-0.011 χ^2/NDF : 1006906.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 30.883+/-0.010 χ^2/NDF : 1344846.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

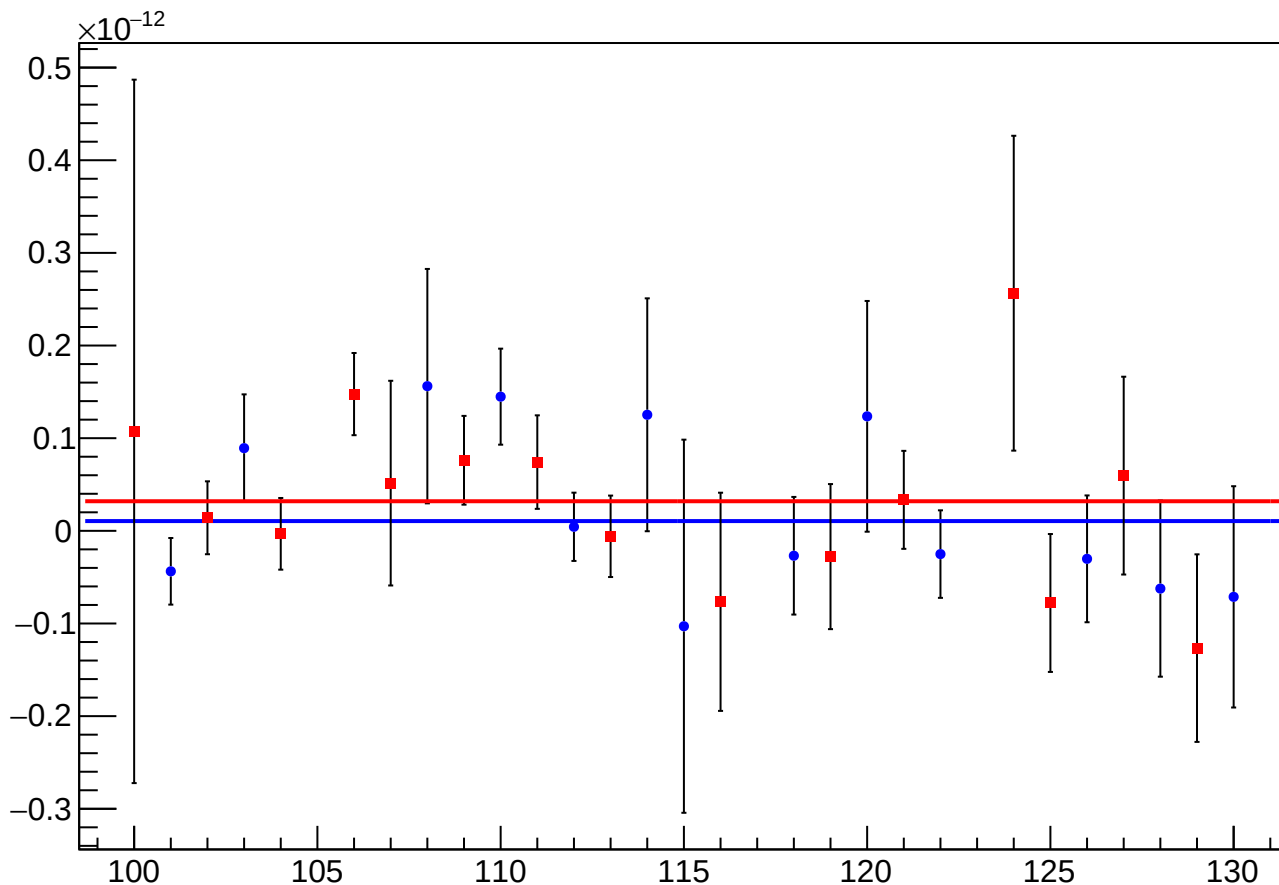
Right: 31.913+/-0.007 χ^2/NDF : 2375242.8/27

In: 33.143+/-0.011 χ^2/NDF :1006906.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 31.913+/-0.007 χ^2/NDF : 2375242.8/27

asym_sam_3748_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 18.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

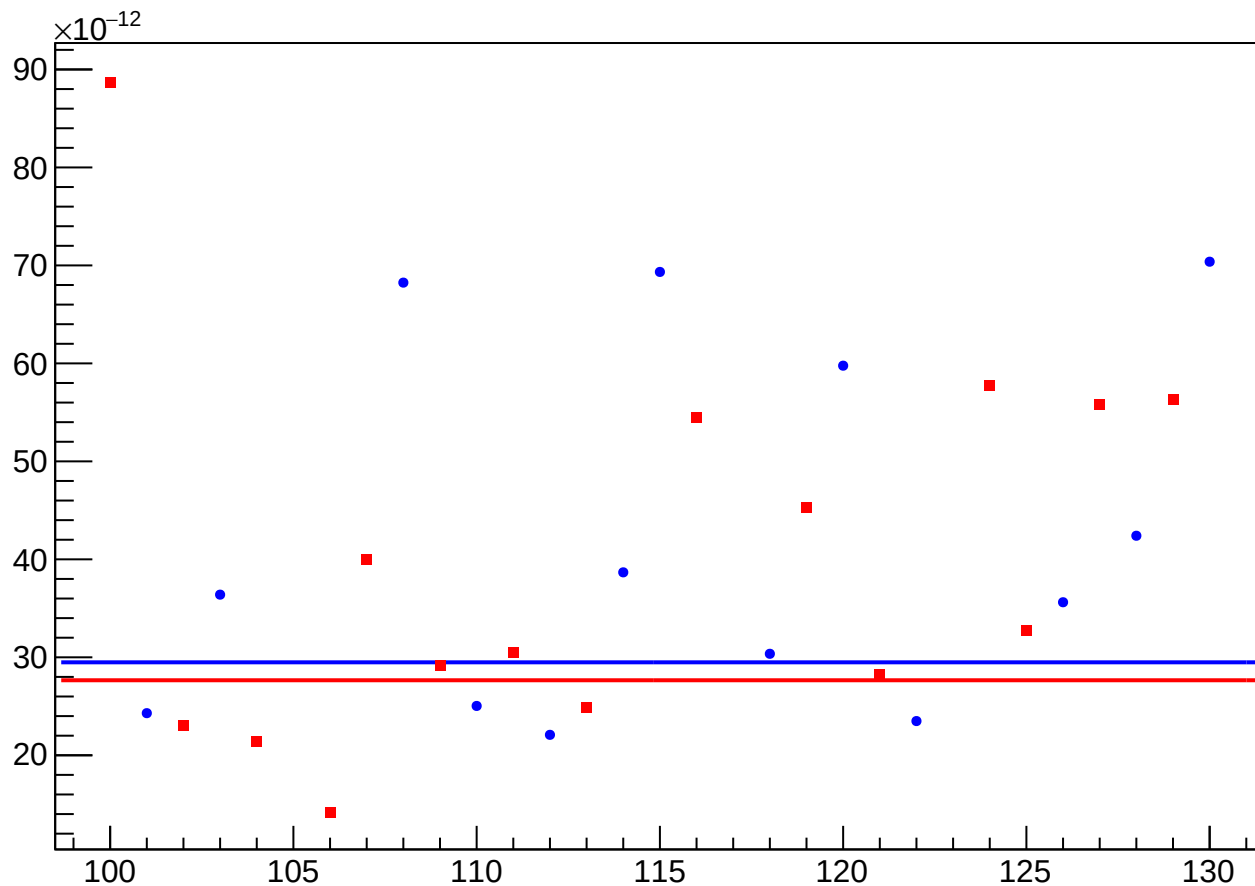
Right: 0.000+/-0.000 χ^2/NDF : 35.4/27

In: 0.000+/-0.000 χ^2/NDF : 16.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 35.4/27

asym_sam_3748_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 880455.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 935510.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

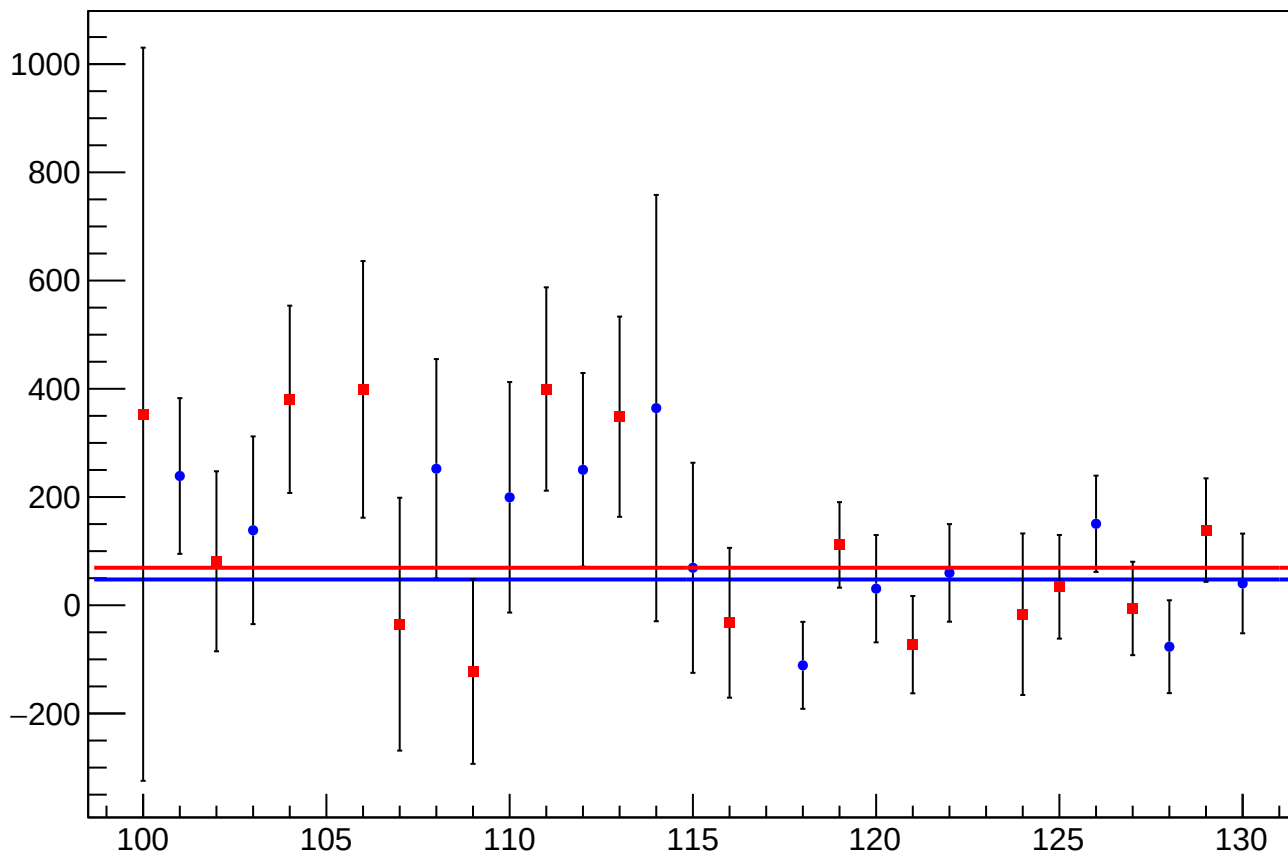
Right: 0.000+/-0.000 χ^2/NDF : 1828802.7/27

In: 0.000+/-0.000 χ^2/NDF :880455.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1828802.7/27

reg_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 47.630+/-32.418 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.309+/-32.736 χ^2/NDF : 17.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

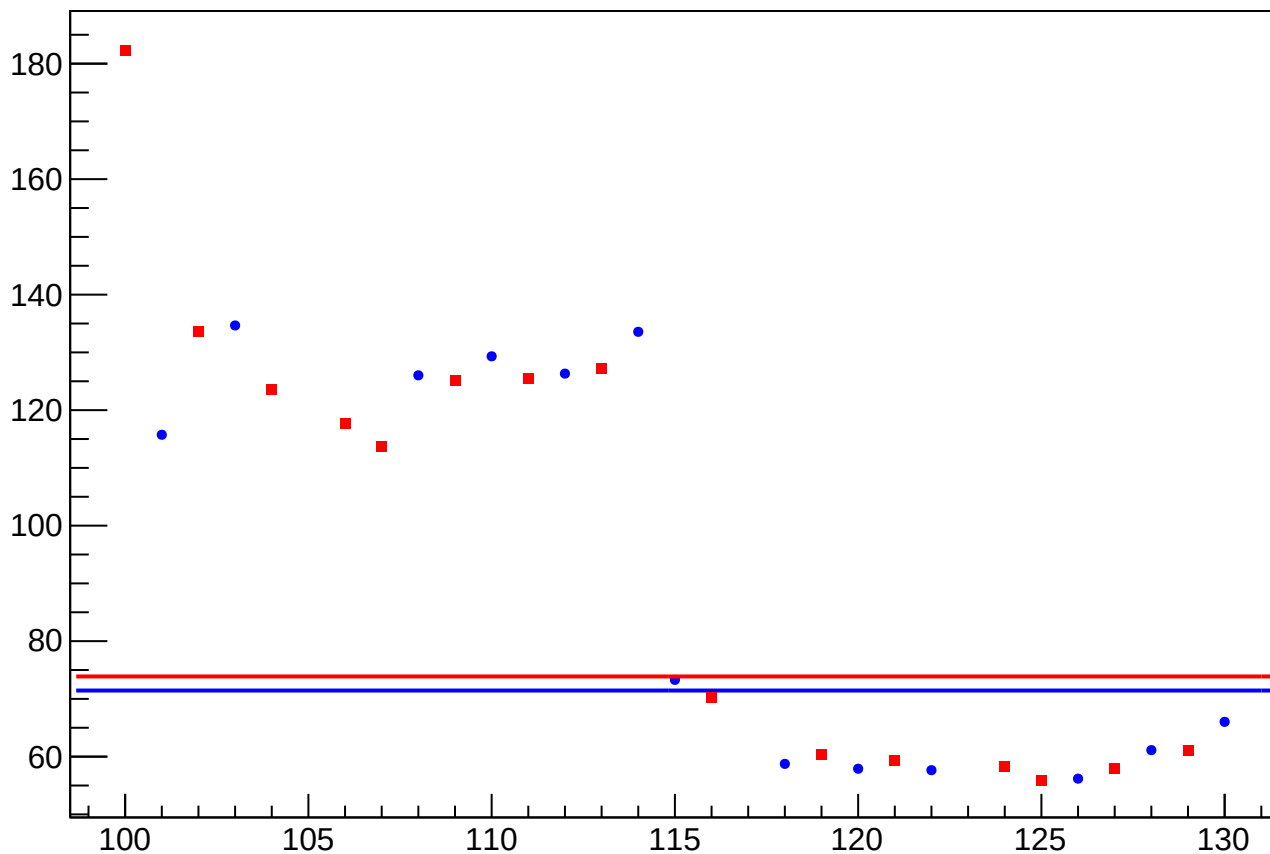
Right: 58.364+/-23.035 χ^2/NDF : 30.4/27

In: 47.630+/-32.418 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.364+/-23.035 χ^2/NDF : 30.4/27

reg_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 71.449+/-0.023 χ^2/NDF : 1214562.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.884+/-0.023 χ^2/NDF : 1406038.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

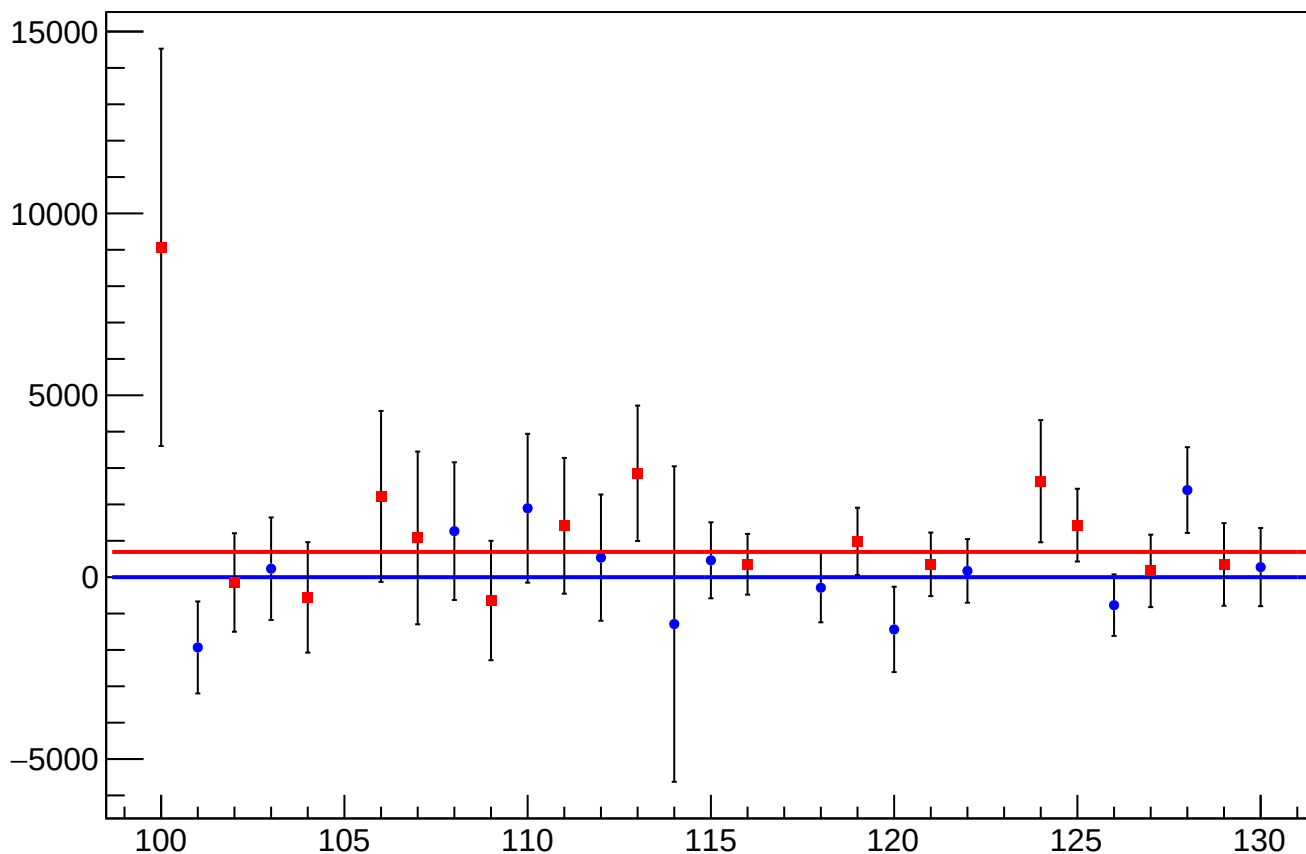
Right: 72.655+/-0.016 χ^2/NDF : 2626186.1/27

In: 71.449+/-0.023 χ^2/NDF : 1214562.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.655+/-0.016 χ^2/NDF : 2626186.1/27

asym_sam_1526_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -0.125+/-332.012 χ^2/NDF : 10.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 693.985+/-326.723 χ^2/NDF : 8.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

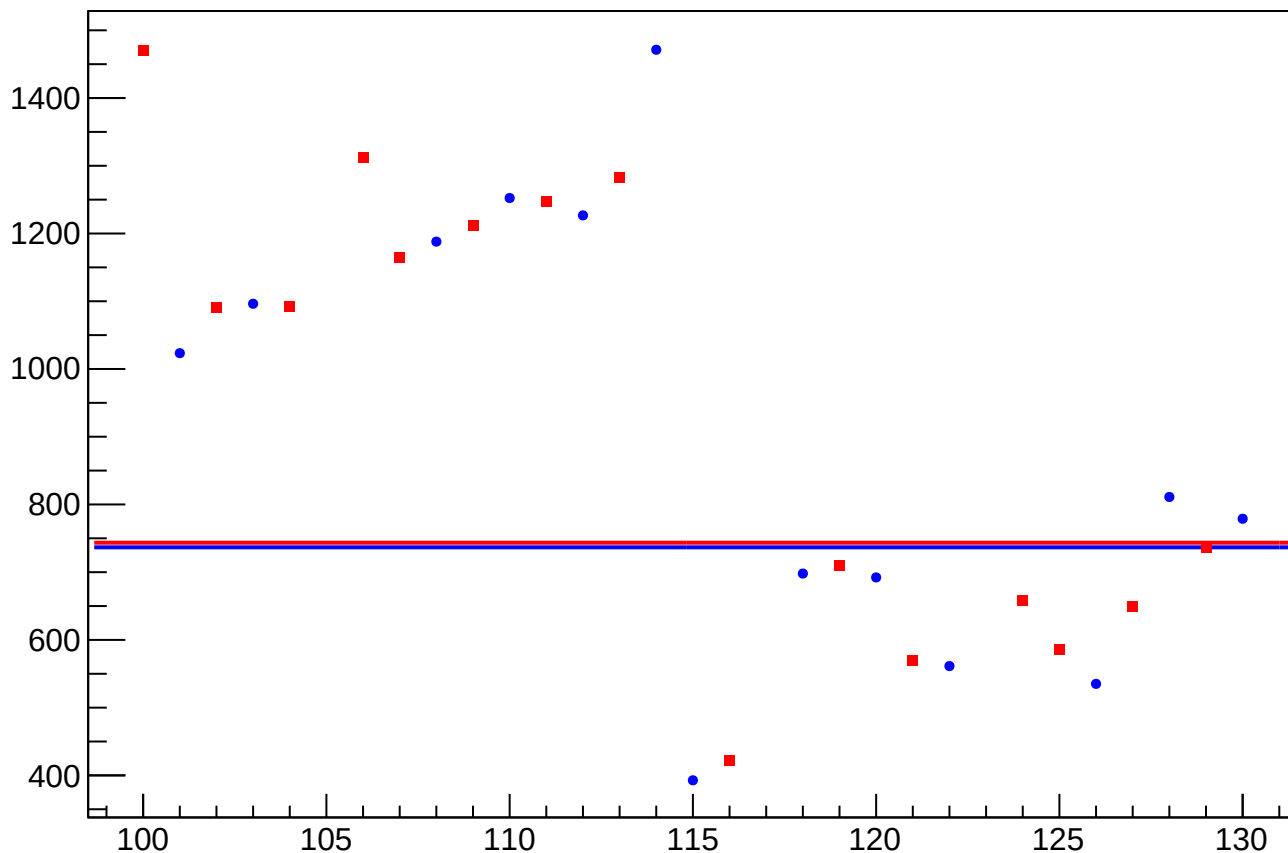
Right: 352.503+/-232.875 χ^2/NDF : 21.6/27

In: -0.125+/-332.012 χ^2/NDF : 10.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 352.503+/-232.875 χ^2/NDF : 21.6/27

asym_sam_1526_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 736.683+/-0.235 χ^2/NDF : 1118711.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 743.539+/-0.231 χ^2/NDF : 1380633.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

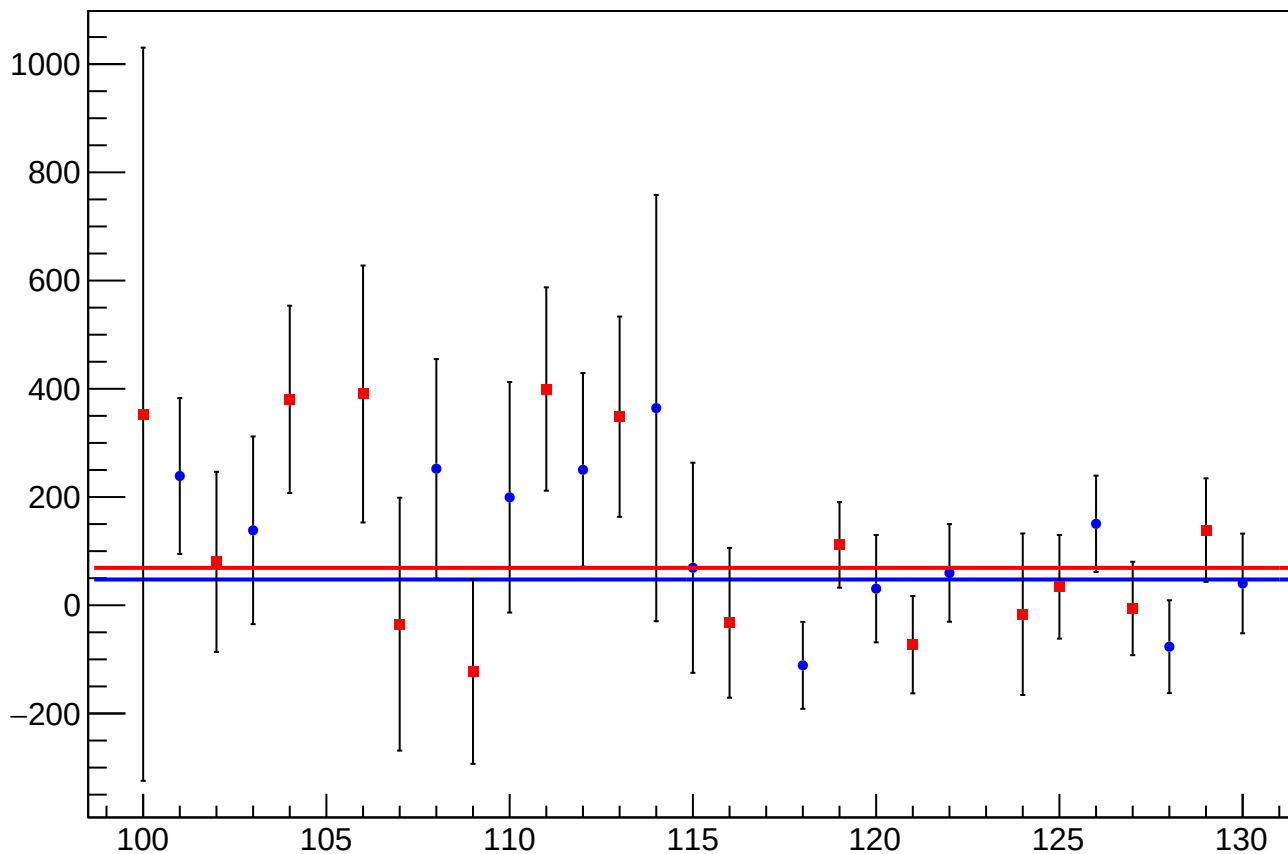
Right: 740.166+/-0.165 χ^2/NDF : 2499778.5/27

In: 736.683+/-0.235 χ^2/NDF : 1118711.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 740.166+/-0.165 χ^2/NDF : 2499778.5/27

cor_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 47.625 $\pm$ 32.418 χ^2 /NDF: 12.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 69.084 $\pm$ 32.737 χ^2 /NDF: 17.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

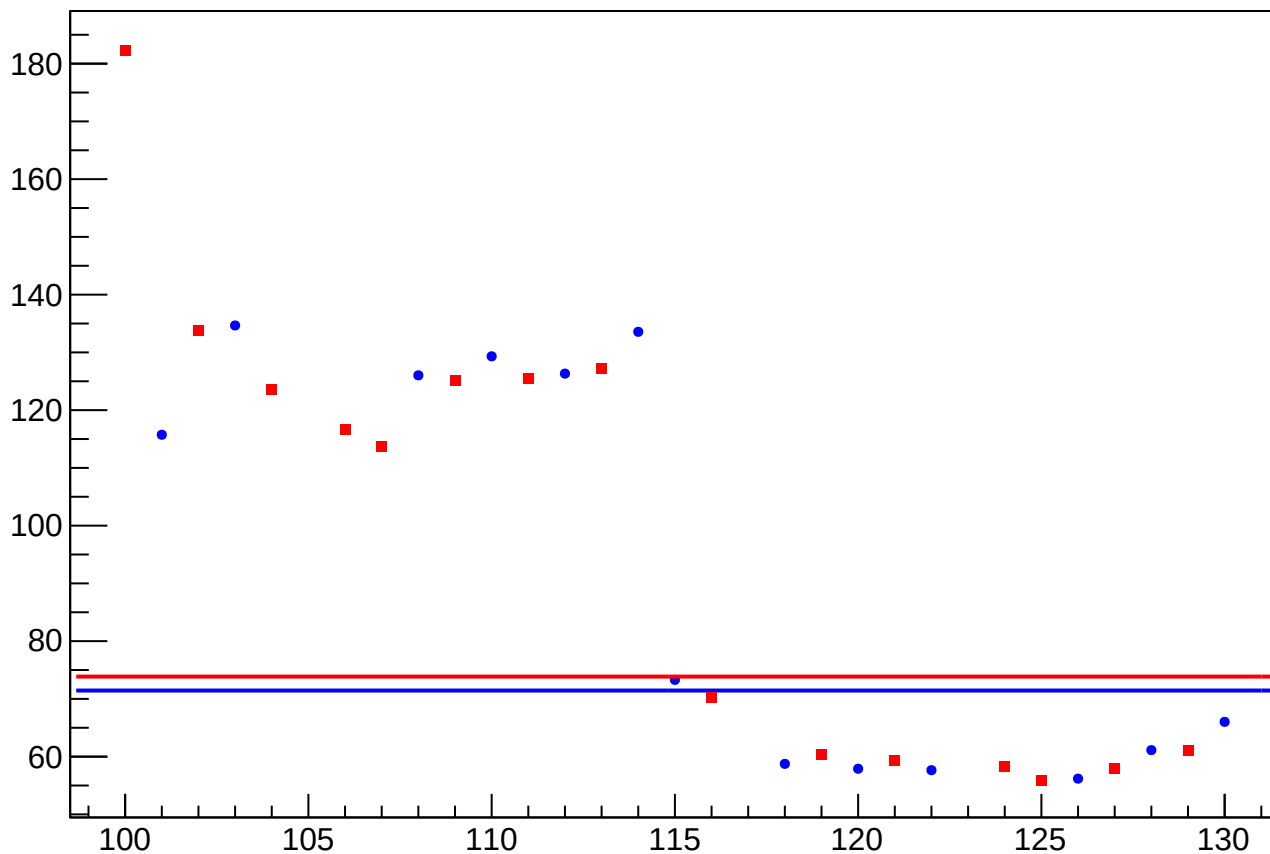
Right: 58.250 $\pm$ 23.035 χ^2 /NDF: 30.3/27

In: 47.625 $\pm$ 32.418 χ^2 /NDF:12.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 58.250 $\pm$ 23.035 χ^2 /NDF: 30.3/27

cor_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 71.449+/-0.023 χ^2/NDF : 1214564.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.863+/-0.023 χ^2/NDF : 1403108.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

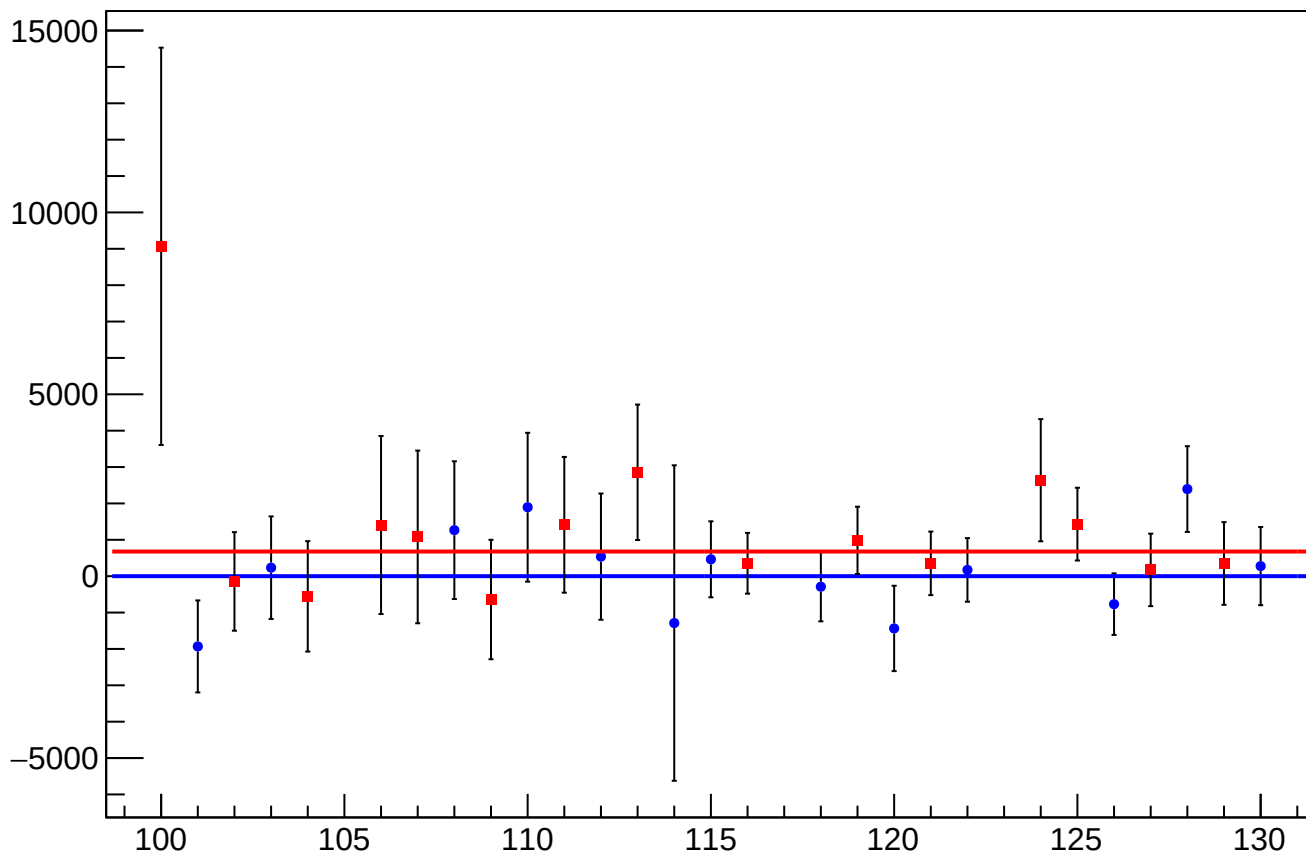
Right: 72.644+/-0.016 χ^2/NDF : 2623162.8/27

In: 71.449+/-0.023 χ^2/NDF : 1214564.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.644+/-0.016 χ^2/NDF : 2623162.8/27

asym_sam_1526_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -0.092 ± 332.013 χ^2/NDF : 10.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 677.346 ± 326.985 χ^2/NDF : 8.3/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

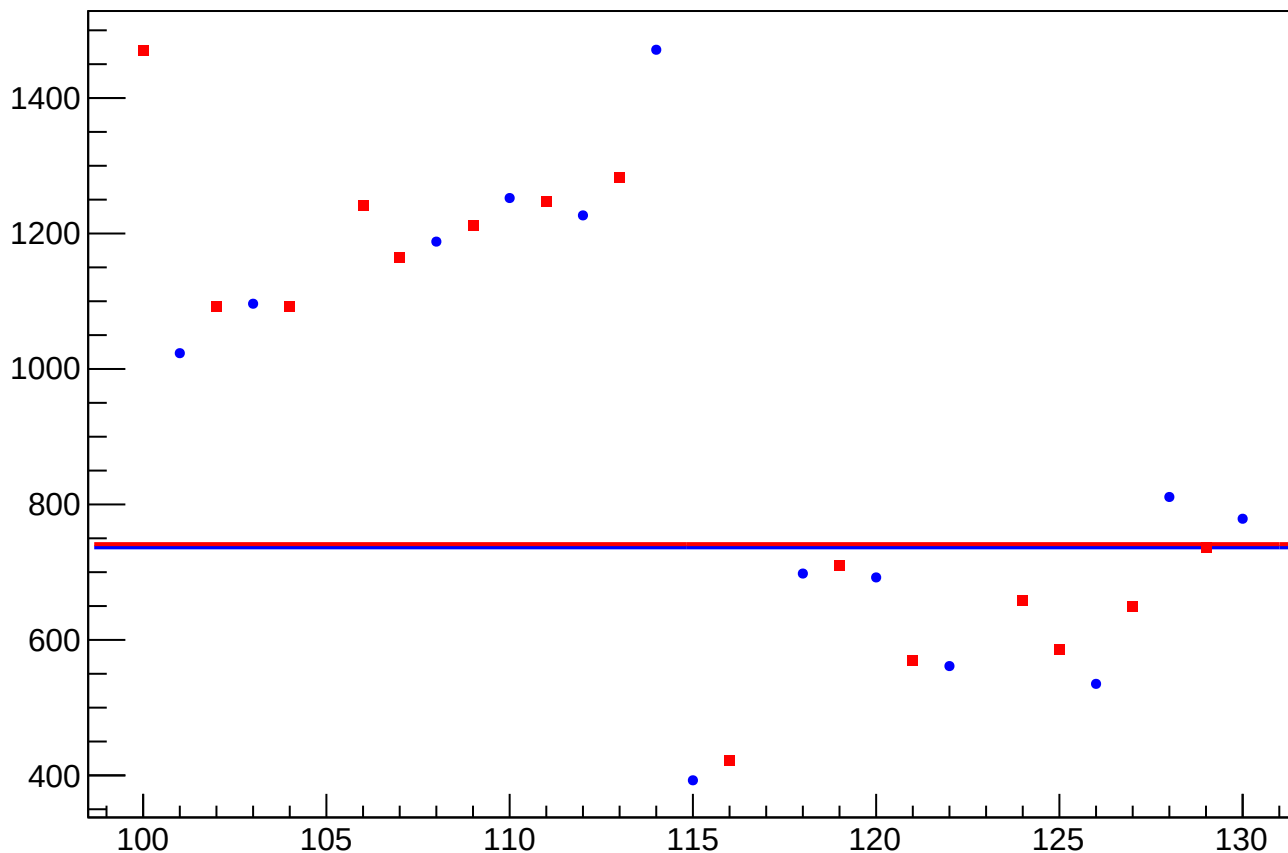
Right: 343.796 ± 232.971 χ^2/NDF : 21.2/27

In: -0.092 ± 332.013 χ^2/NDF : 10.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 343.796 ± 232.971 χ^2/NDF : 21.2/27

asym_sam_1526_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 736.683+/-0.235 χ^2/NDF : 1118745.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 741.404+/-0.231 χ^2/NDF : 1346088.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

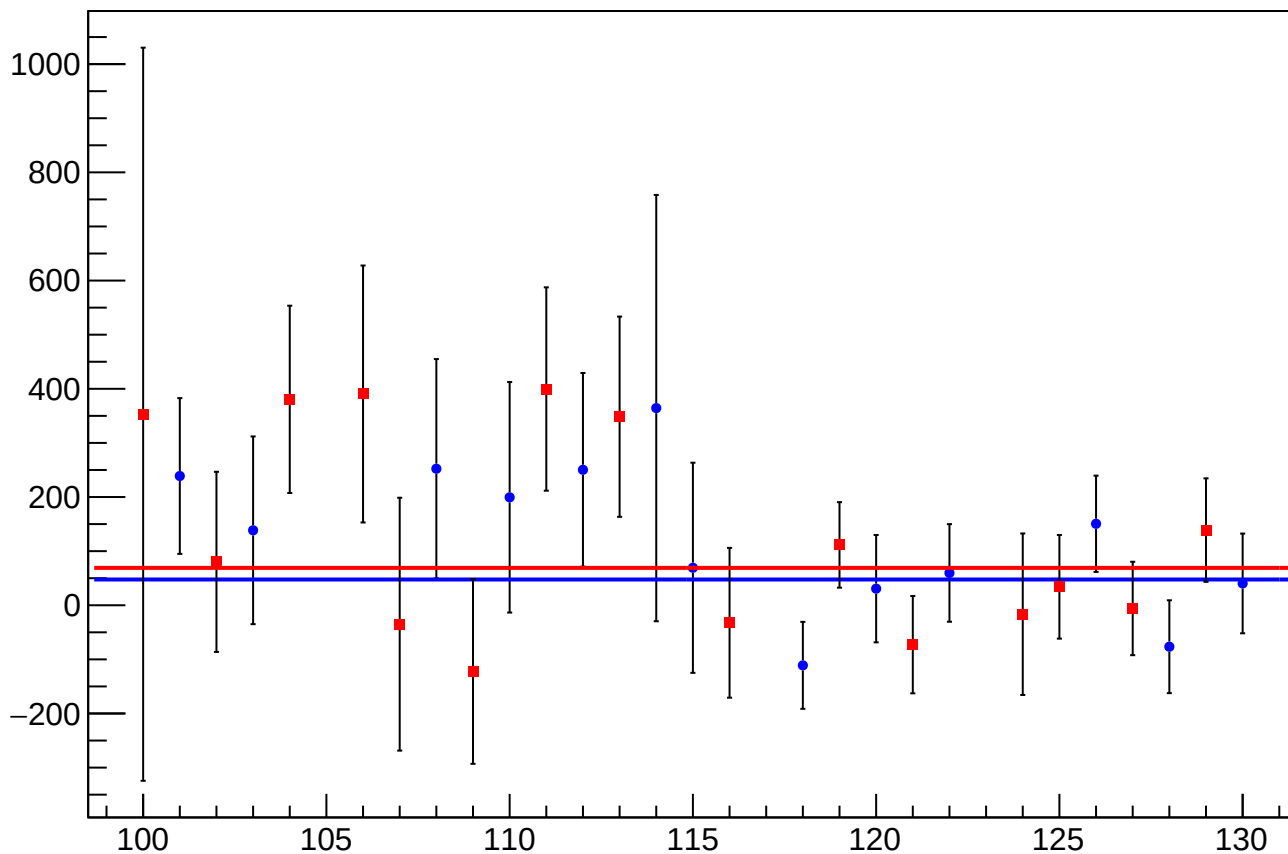
Right: 739.080+/-0.165 χ^2/NDF : 2465039.1/27

In: 736.683+/-0.235 χ^2/NDF : 1118745.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 739.080+/-0.165 χ^2/NDF : 2465039.1/27

eigen_cor_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 47.625+/-32.418 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.084+/-32.737 χ^2/NDF : 17.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

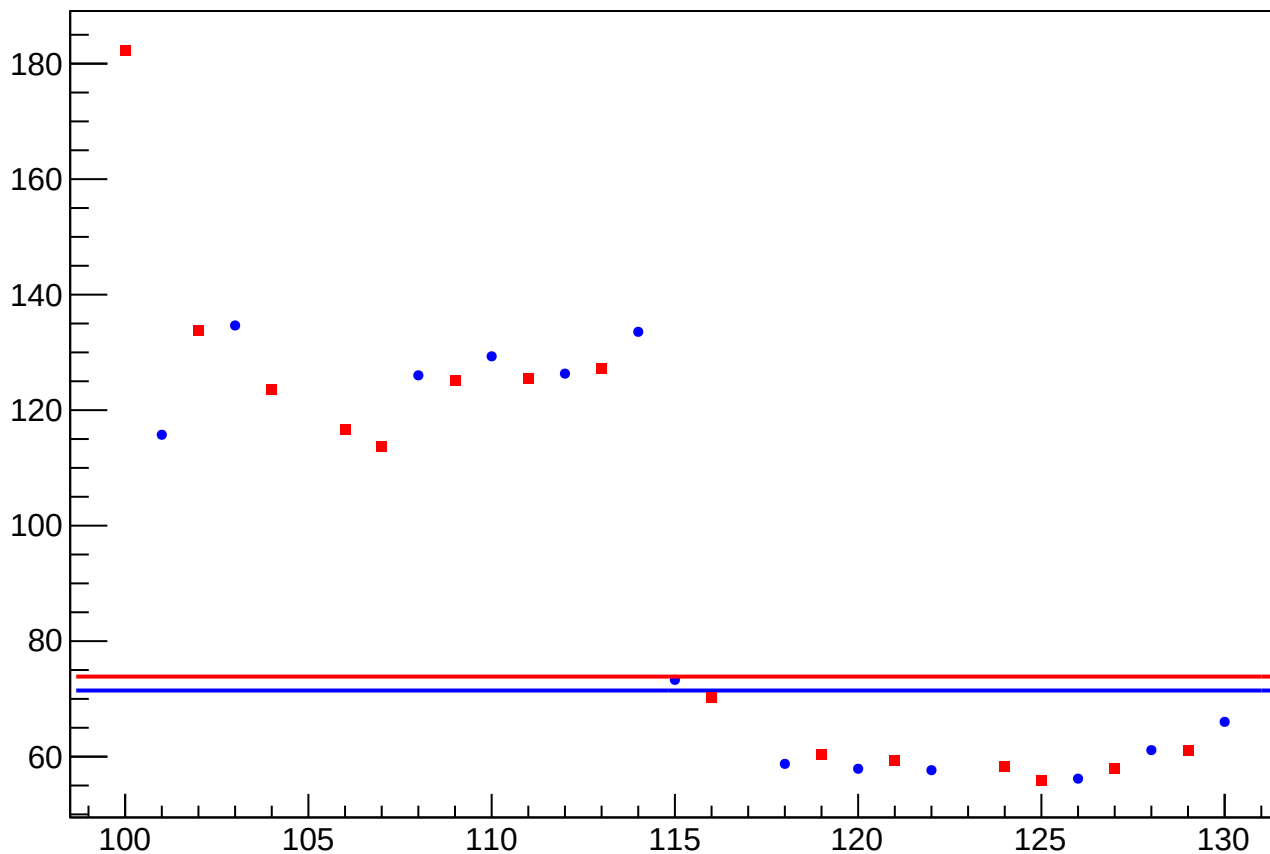
Right: 58.250+/-23.035 χ^2/NDF : 30.3/27

In: 47.625+/-32.418 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.250+/-23.035 χ^2/NDF : 30.3/27

eigen_cor_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 71.449+/-0.023 χ^2/NDF : 1214564.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.863+/-0.023 χ^2/NDF : 1403108.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

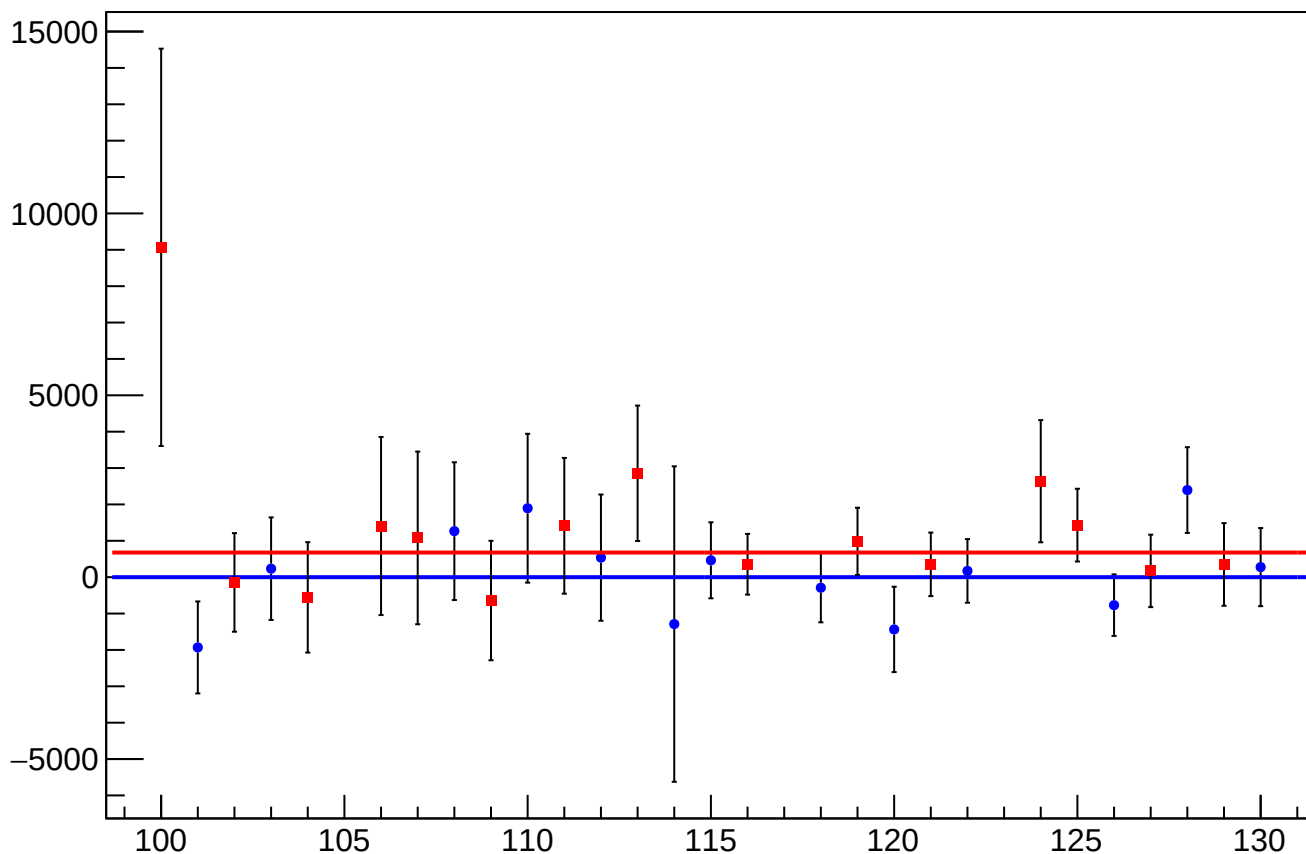
Right: 72.644+/-0.016 χ^2/NDF : 2623162.8/27

In: 71.449+/-0.023 χ^2/NDF : 1214564.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.644+/-0.016 χ^2/NDF : 2623162.8/27

asym_sam_1526_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -0.092+/-332.013 χ^2/NDF : 10.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 677.346+/-326.985 χ^2/NDF : 8.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

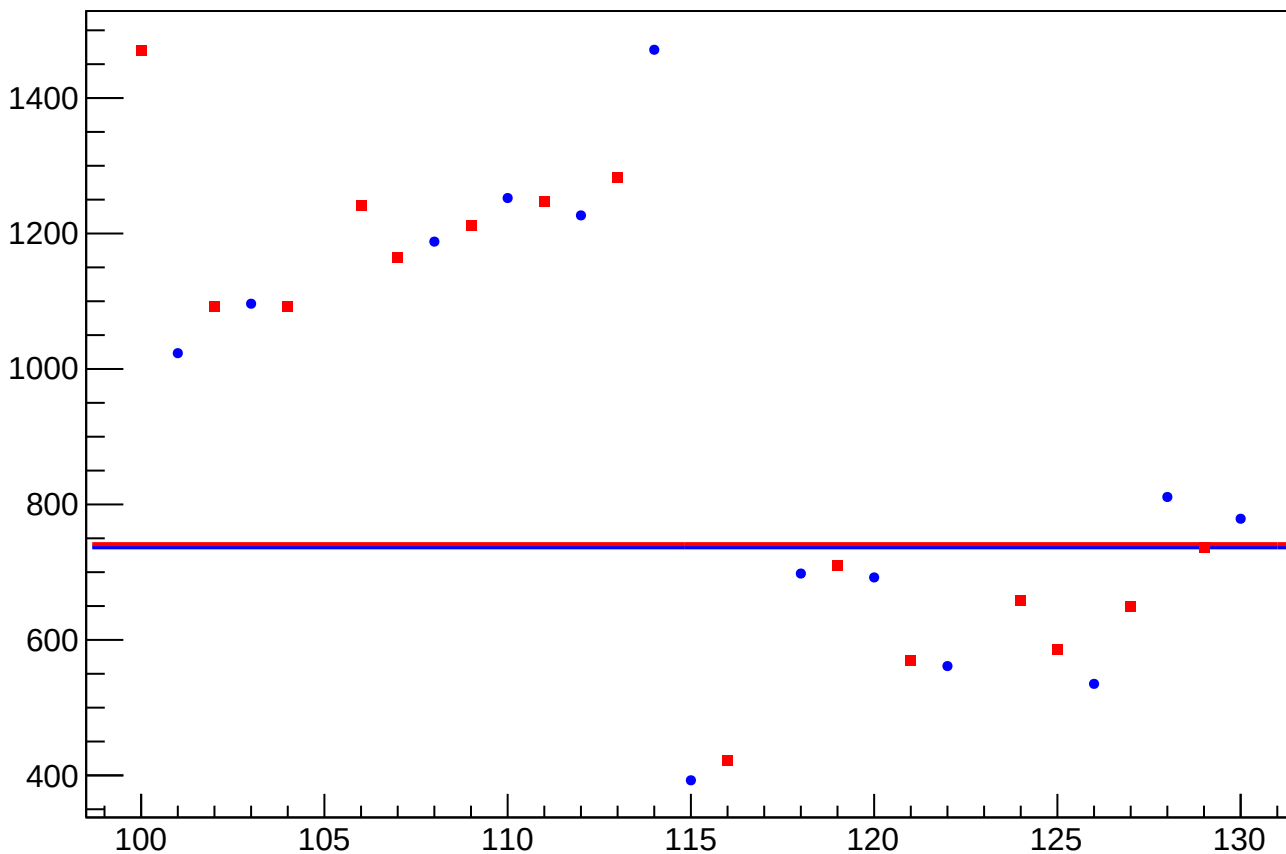
Right: 343.796+/-232.971 χ^2/NDF : 21.2/27

In: -0.092+/-332.013 χ^2/NDF : 10.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 343.796+/-232.971 χ^2/NDF : 21.2/27

asym_sam_1526_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 736.683+/-0.235 χ^2/NDF : 1118745.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 741.404+/-0.231 χ^2/NDF : 1346088.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

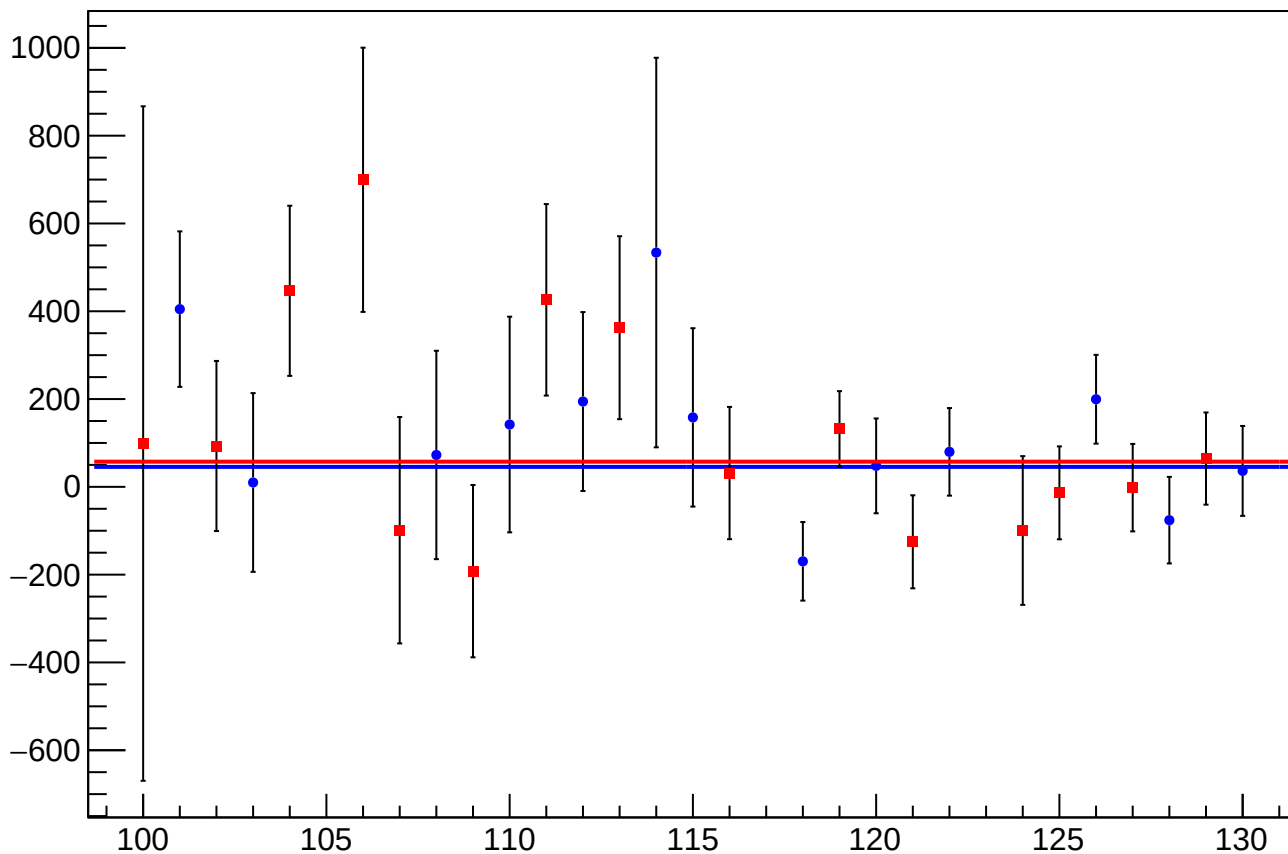
Right: 739.080+/-0.165 χ^2/NDF : 2465039.1/27

In: 736.683+/-0.235 χ^2/NDF : 1118745.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 739.080+/-0.165 χ^2/NDF : 2465039.1/27

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 45.450 $\pm$ 36.498 χ^2 /NDF: 16.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 57.344 $\pm$ 36.888 χ^2 /NDF: 21.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

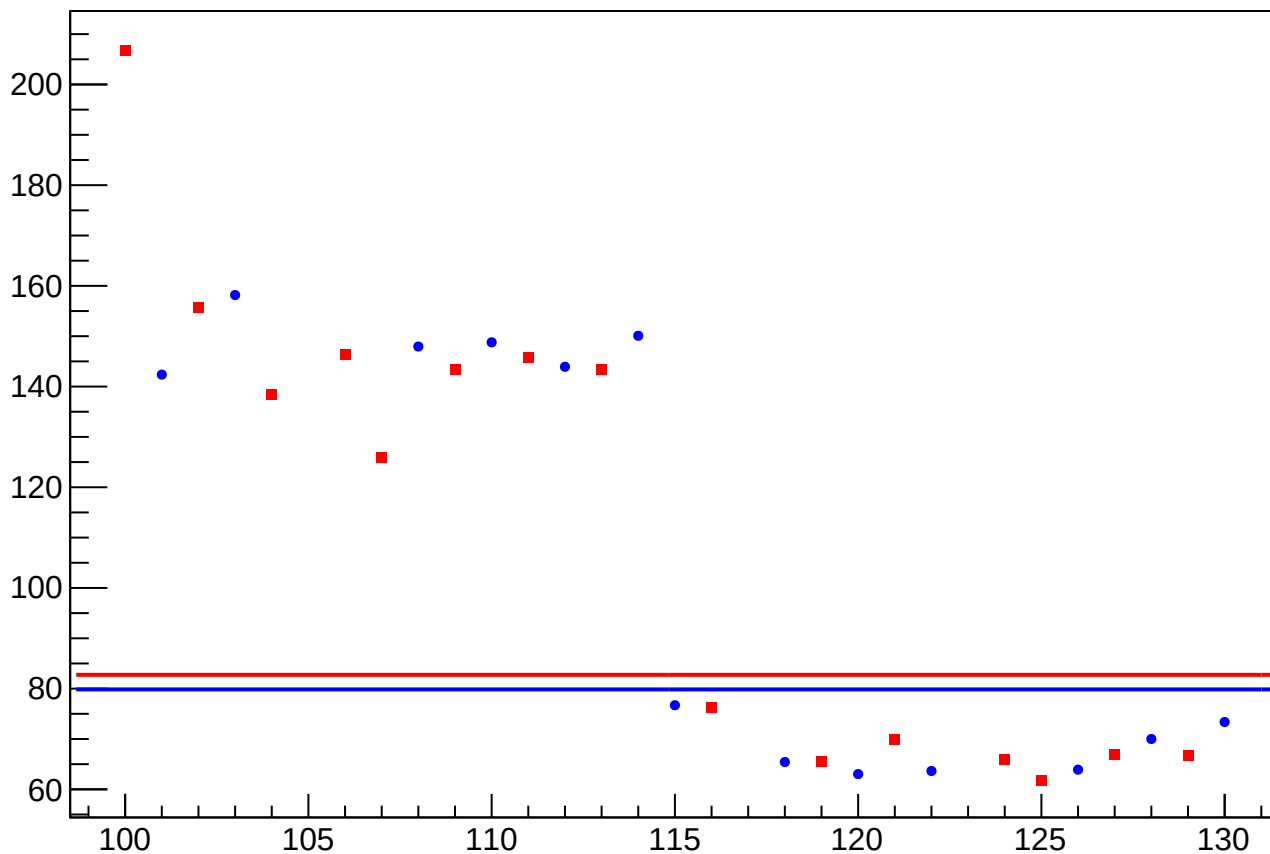
Right: 51.334 $\pm$ 25.945 χ^2 /NDF: 37.2/27

In: 45.450 $\pm$ 36.498 χ^2 /NDF:16.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 51.334 $\pm$ 25.945 χ^2 /NDF: 37.2/27

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 79.847 $\pm$ 0.026 χ^2 /NDF: 1346574.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 82.744 $\pm$ 0.026 χ^2 /NDF: 1480772.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

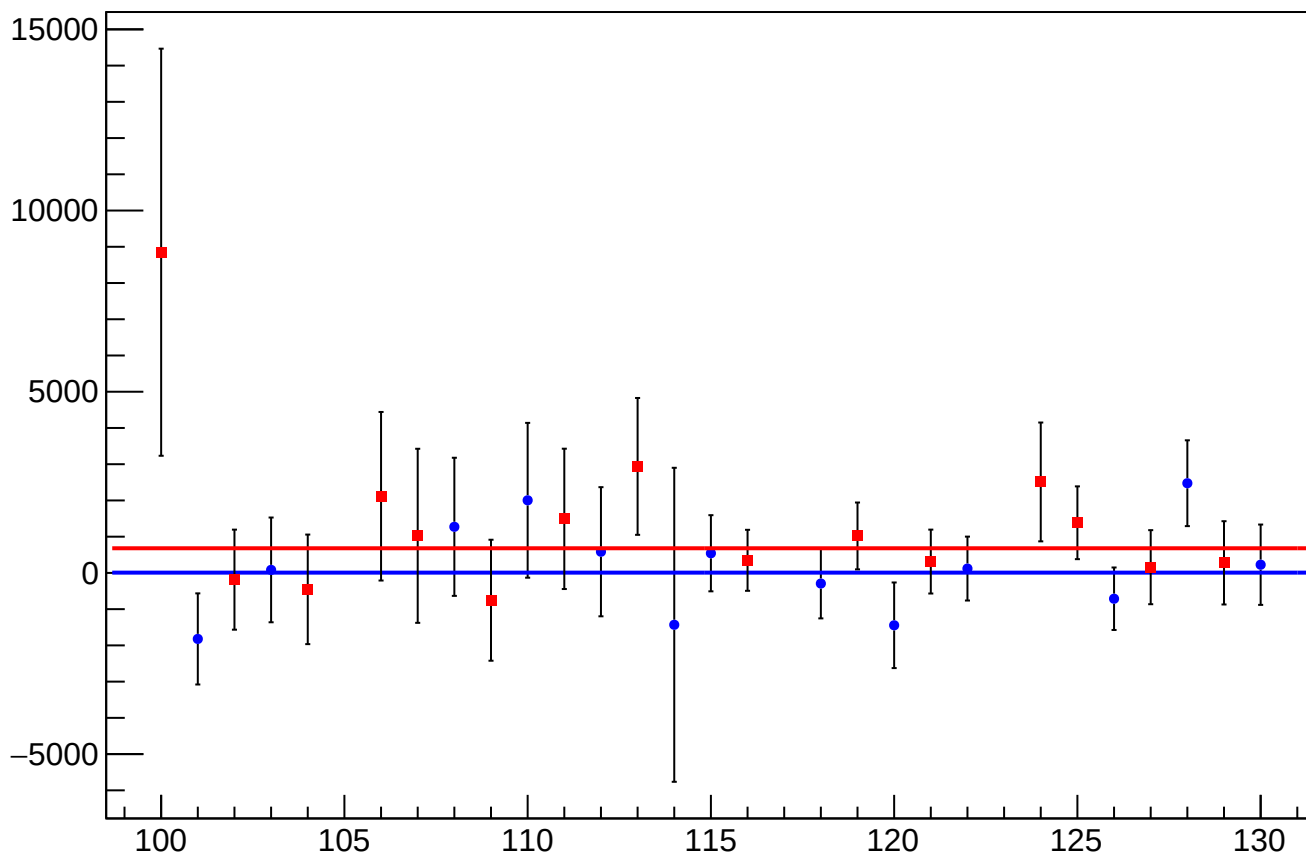
Right: 81.280 $\pm$ 0.018 χ^2 /NDF: 2833581.4/27

In: 79.847 $\pm$ 0.026 χ^2 /NDF:1346574.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 81.280 $\pm$ 0.018 χ^2 /NDF: 2833581.4/27

asym_sam_1526_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 7.786+/-336.406 χ^2/NDF : 10.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 680.274+/-329.496 χ^2/NDF : 8.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

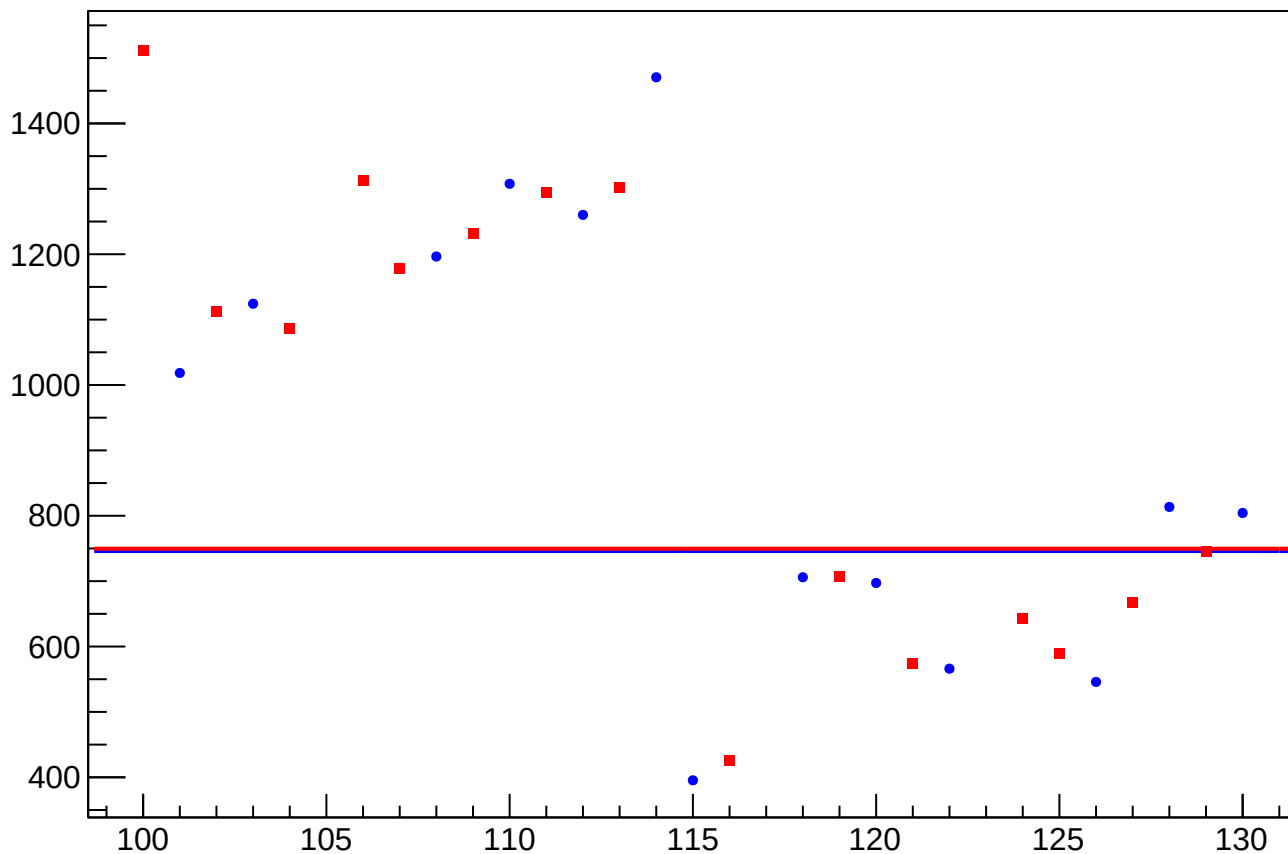
Right: 351.007+/-235.394 χ^2/NDF : 21.1/27

In: 7.786+/-336.406 χ^2/NDF : 10.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 351.007+/-235.394 χ^2/NDF : 21.1/27

asym_sam_1526_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 746.021+/-0.238 χ^2/NDF : 1135955.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 749.580+/-0.233 χ^2/NDF : 1404921.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

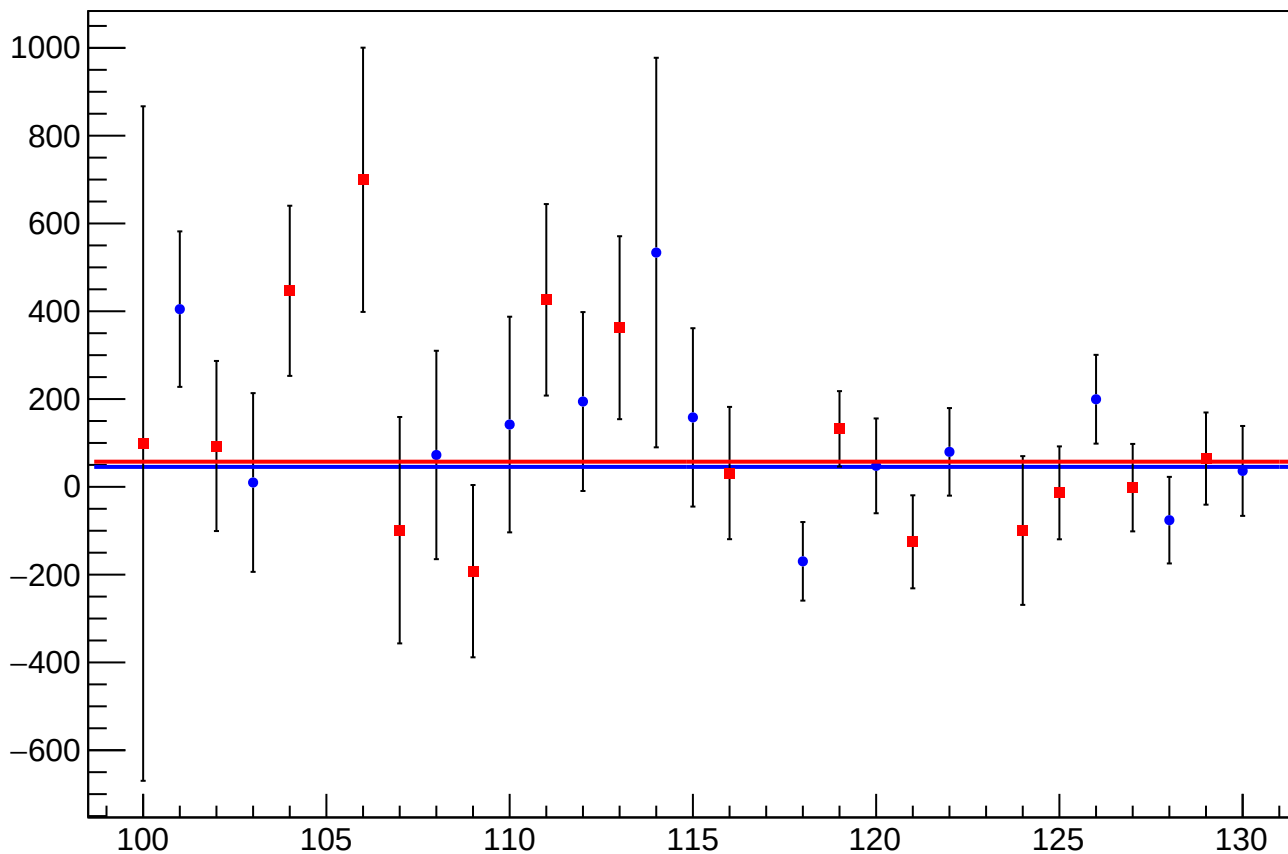
Right: 747.838+/-0.166 χ^2/NDF : 2540991.5/27

In: 746.021+/-0.238 χ^2/NDF : 1135955.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 747.838+/-0.166 χ^2/NDF : 2540991.5/27

eigen_dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 45.449 $\pm$ 36.498 χ^2 /NDF: 16.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 57.343 $\pm$ 36.888 χ^2 /NDF: 21.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

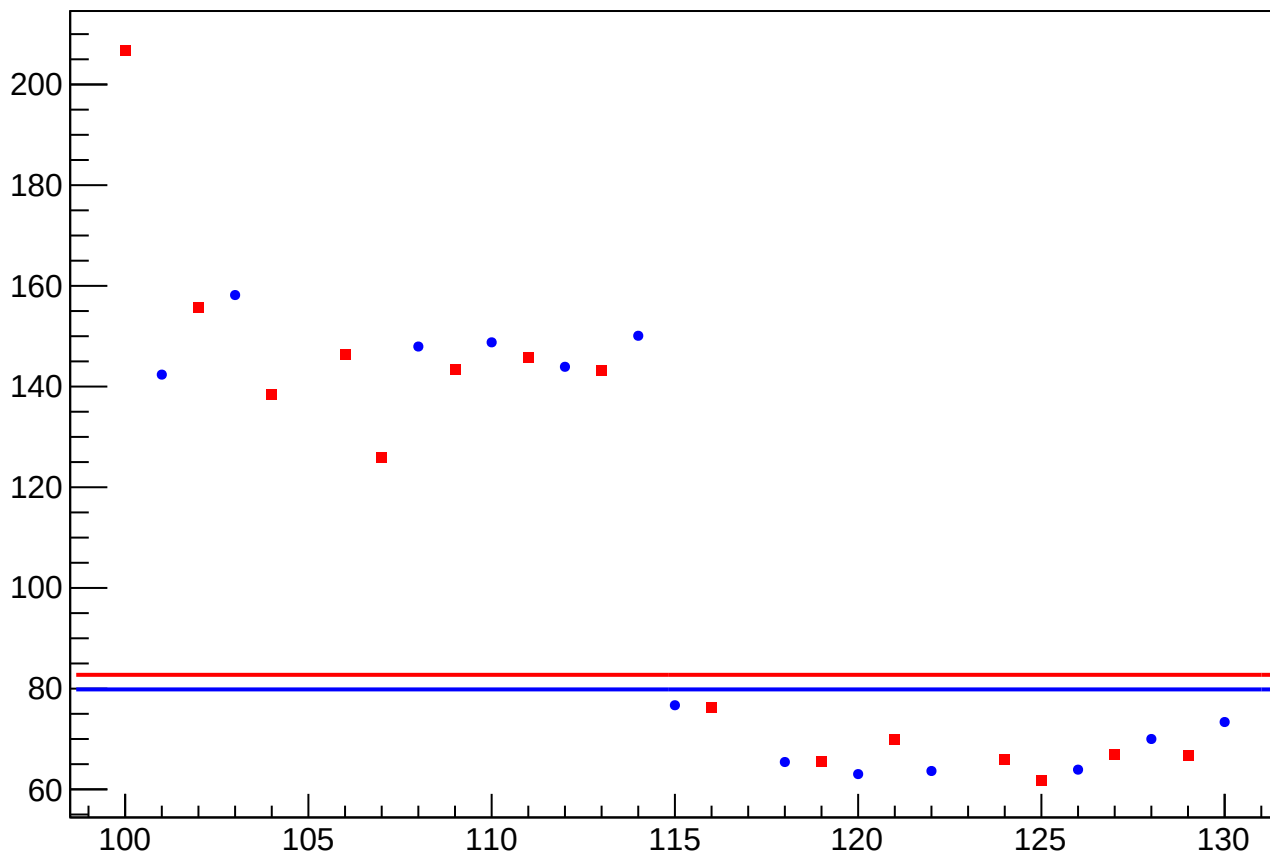
Right: 51.333 $\pm$ 25.945 χ^2 /NDF: 37.2/27

In: 45.449 $\pm$ 36.498 χ^2 /NDF:16.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 51.333 $\pm$ 25.945 χ^2 /NDF: 37.2/27

eigen_dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 79.846 $\pm$ 0.026 χ^2 /NDF: 1346570.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 82.744 $\pm$ 0.026 χ^2 /NDF: 1480768.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

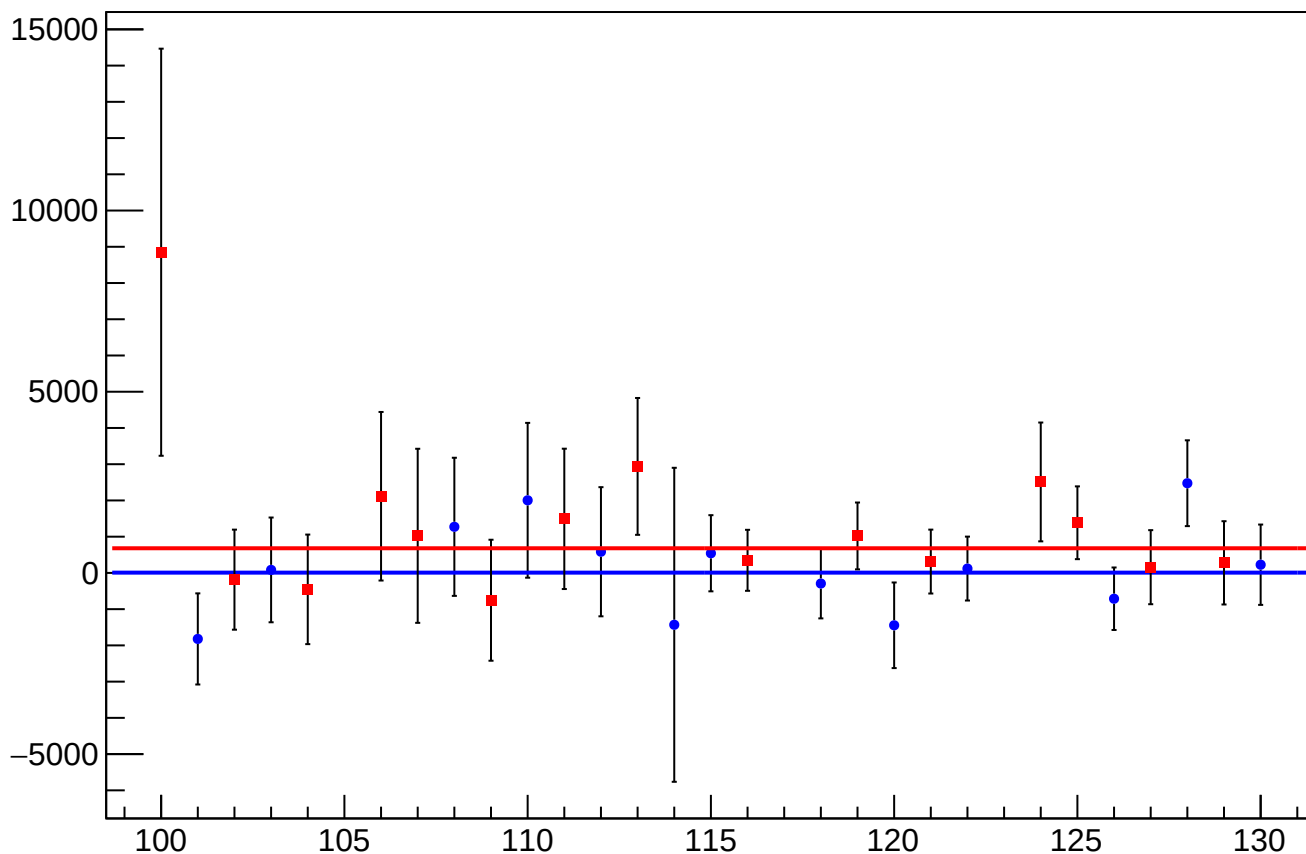
Right: 81.280 $\pm$ 0.018 χ^2 /NDF: 2833574.7/27

In: 79.846 $\pm$ 0.026 χ^2 /NDF:1346570.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 81.280 $\pm$ 0.018 χ^2 /NDF: 2833574.7/27

asym_sam_1526_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 7.788+/-336.405 χ^2/NDF : 10.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 680.272+/-329.495 χ^2/NDF : 8.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

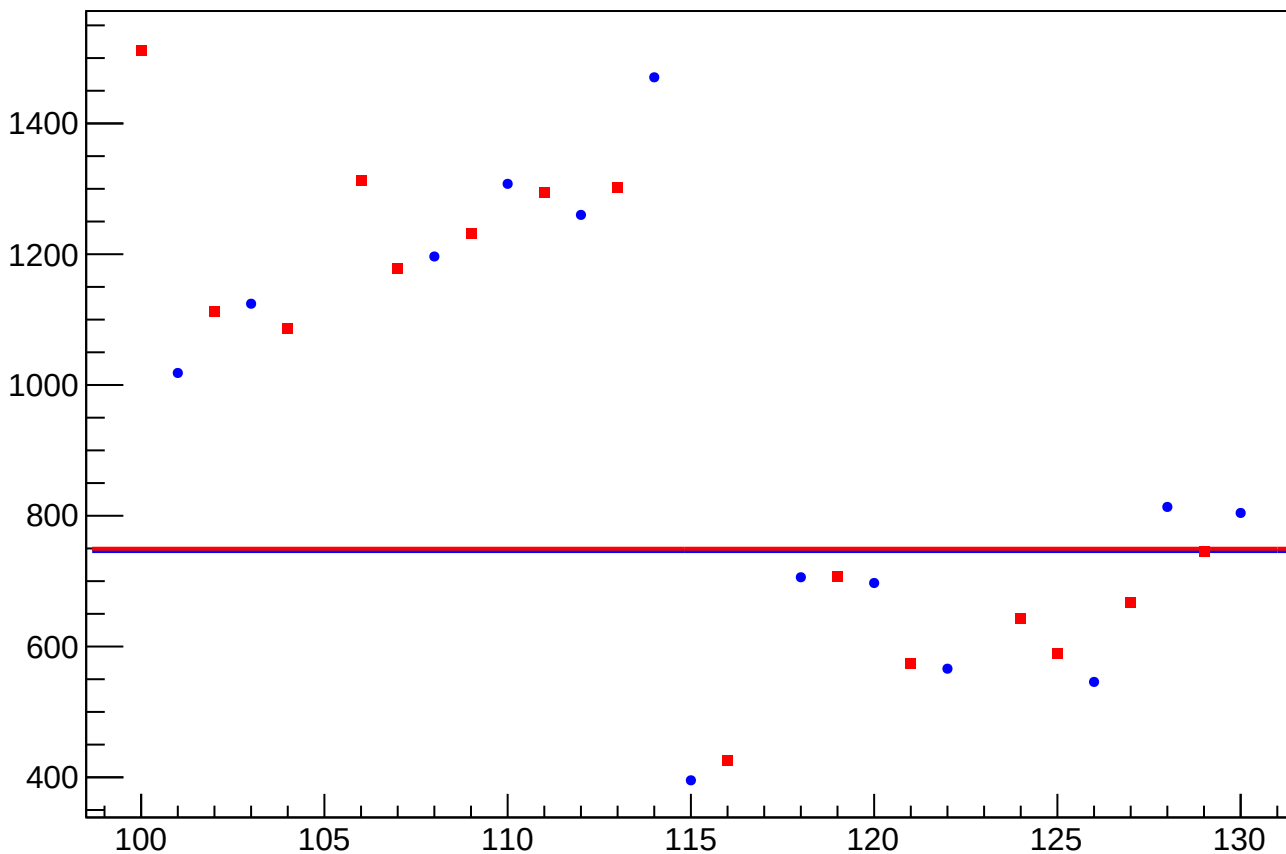
Right: 351.008+/-235.393 χ^2/NDF : 21.1/27

In: 7.788+/-336.405 χ^2/NDF : 10.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 351.008+/-235.393 χ^2/NDF : 21.1/27

asym_sam_1526_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 746.020+/-0.238 χ^2/NDF : 1135940.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 749.580+/-0.233 χ^2/NDF : 1404908.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

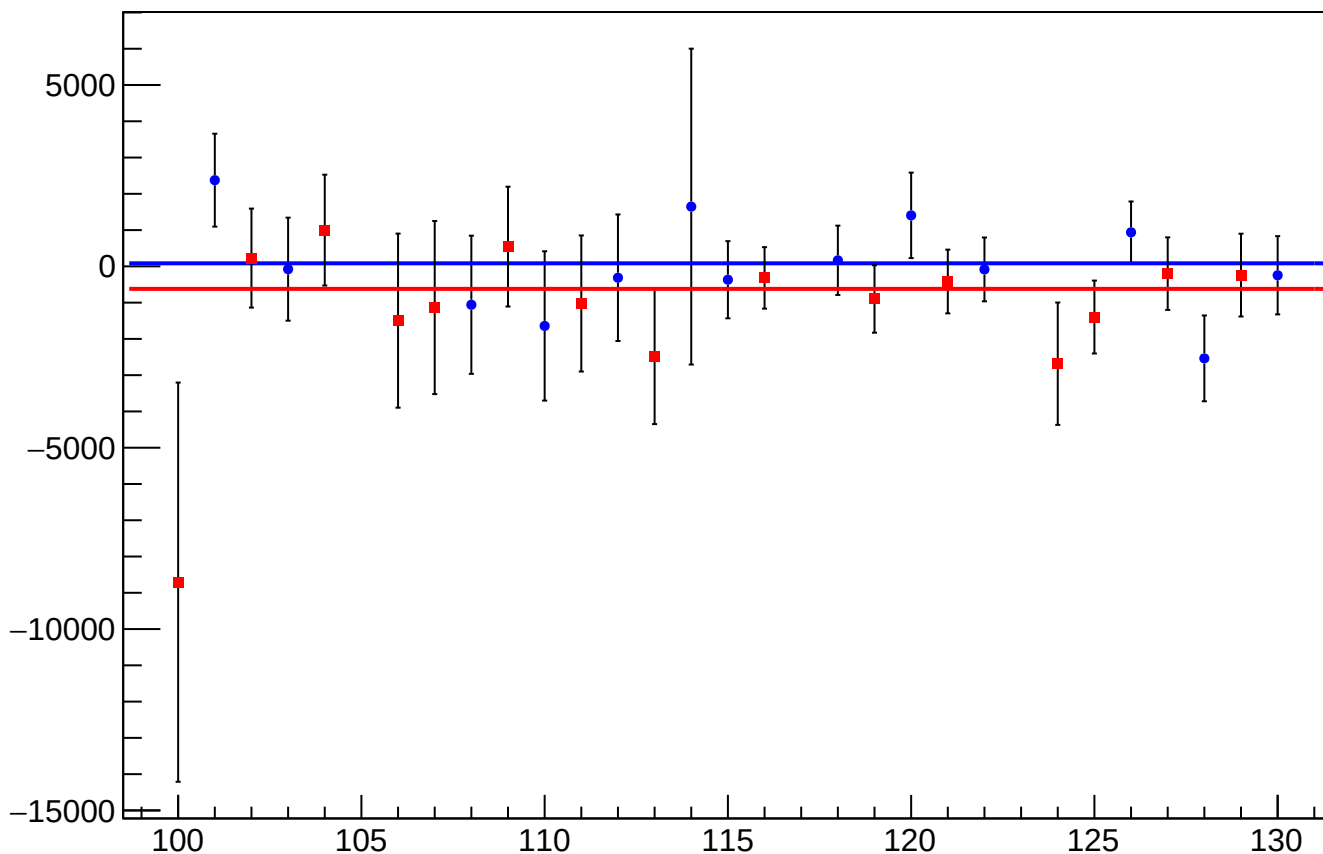
Right: 747.837+/-0.166 χ^2/NDF : 2540963.0/27

In: 746.020+/-0.238 χ^2/NDF : 1135940.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 747.837+/-0.166 χ^2/NDF : 2540963.0/27

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 83.851+/-334.299 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -620.394+/-329.044 χ^2/NDF : 8.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

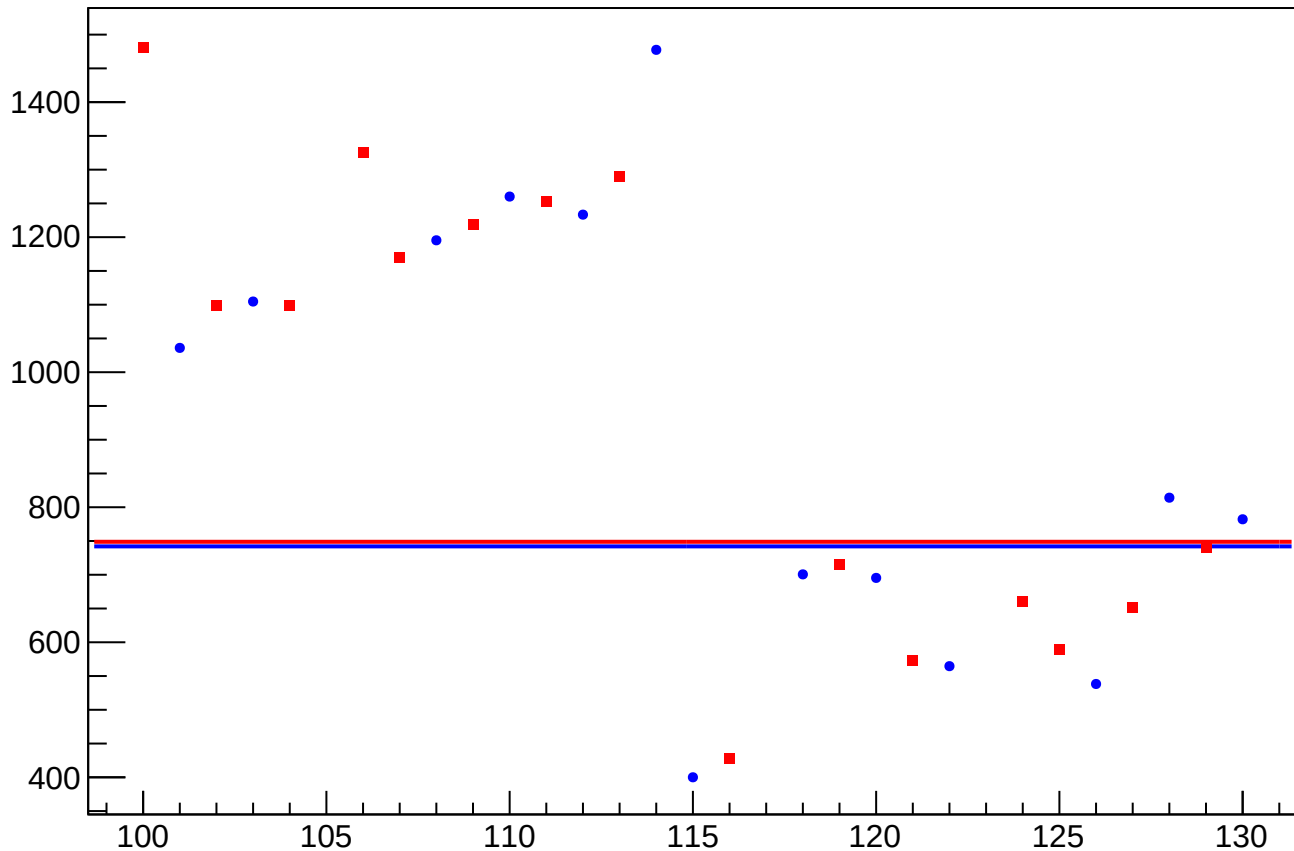
Right: -273.851+/-234.505 χ^2/NDF : 22.2/27

In: 83.851+/-334.299 χ^2/NDF : 12.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -273.851+/-234.505 χ^2/NDF : 22.2/27

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 742.027+/-0.236 χ^2/NDF : 1111611.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 748.847+/-0.233 χ^2/NDF : 1367959.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

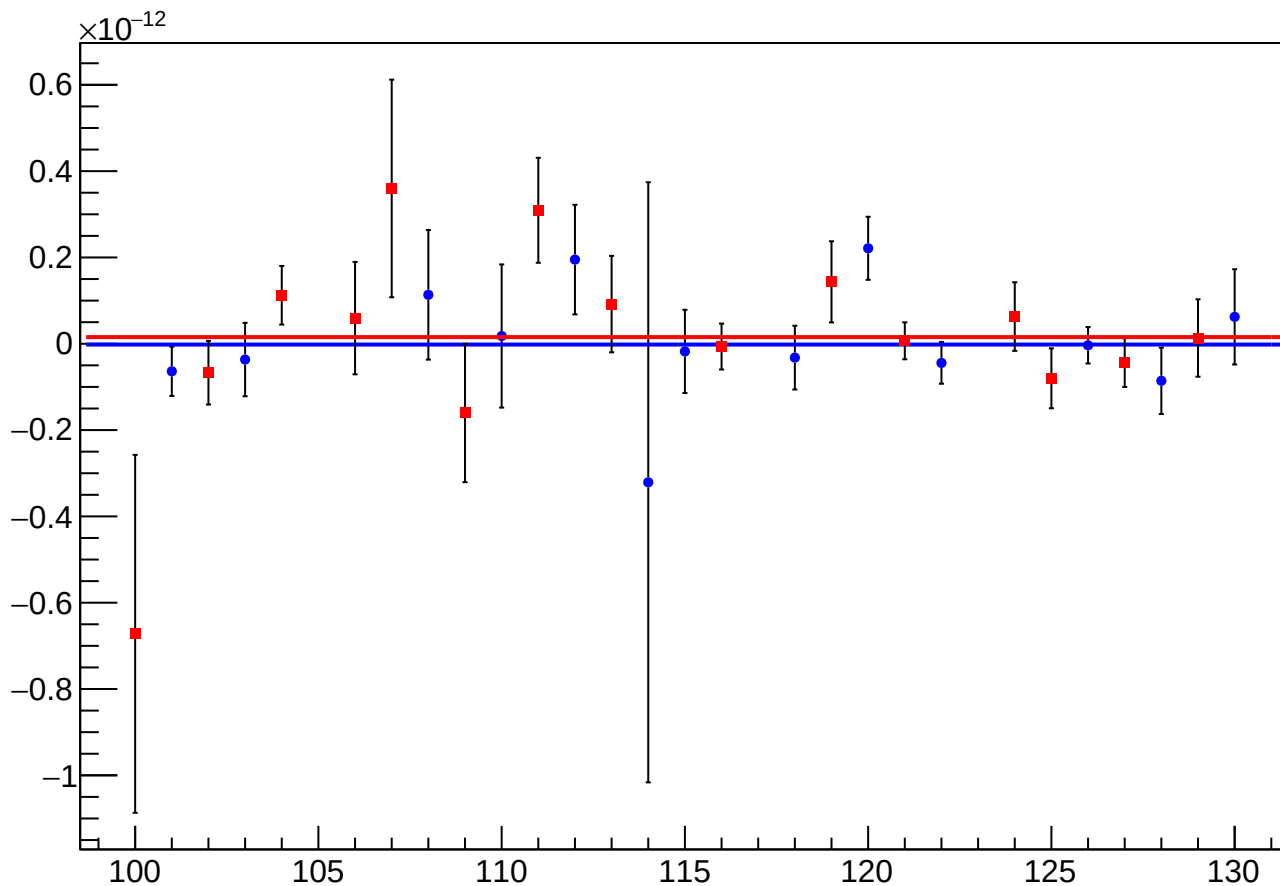
Right: 745.491+/-0.166 χ^2/NDF : 2479994.1/27

In: 742.027+/-0.236 χ^2/NDF : 1111611.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 745.491+/-0.166 χ^2/NDF : 2479994.1/27

asym_sam_1526_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 16.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 20.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

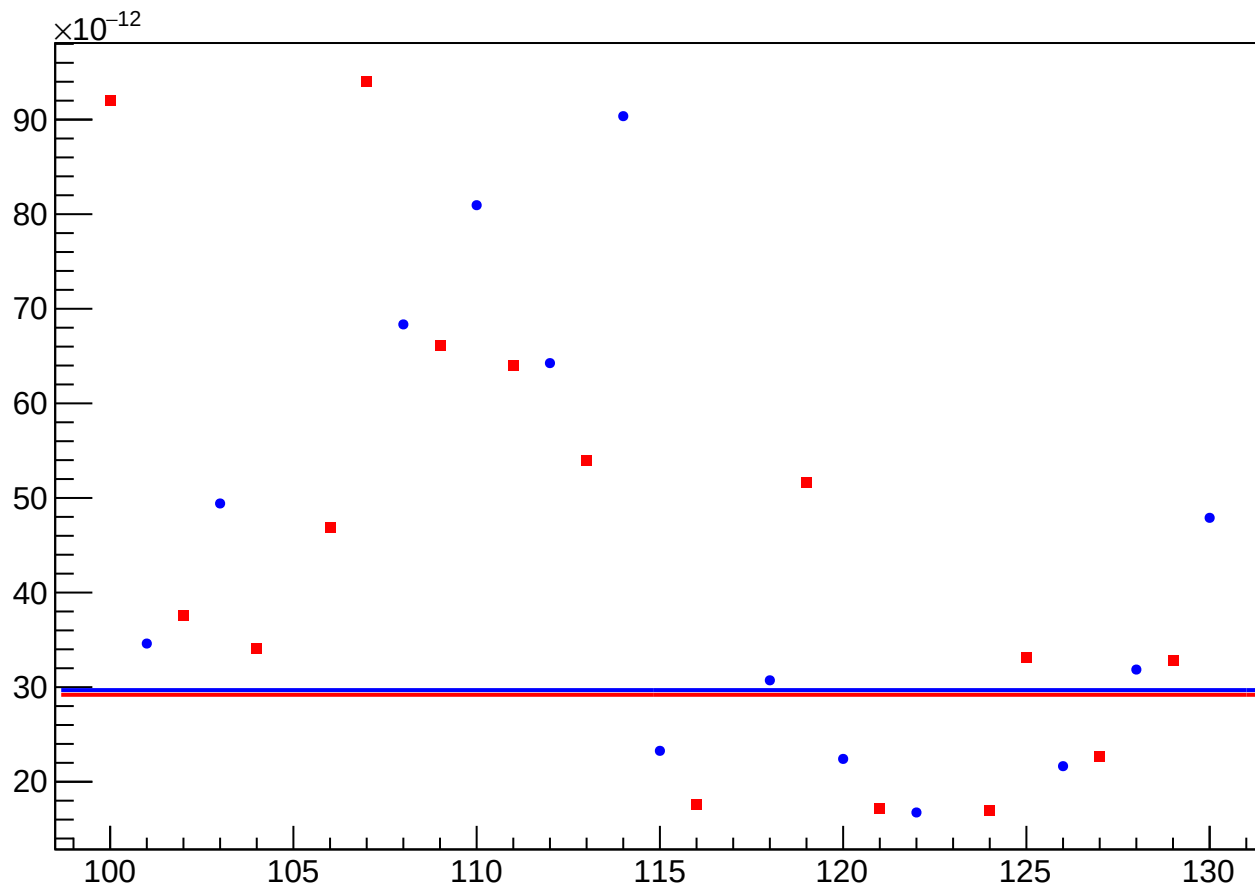
Right: 0.000+/-0.000 χ^2/NDF : 37.7/27

In: -0.000+/-0.000 χ^2/NDF : 16.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 37.7/27

asym_sam_1526_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 911137.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1068965.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

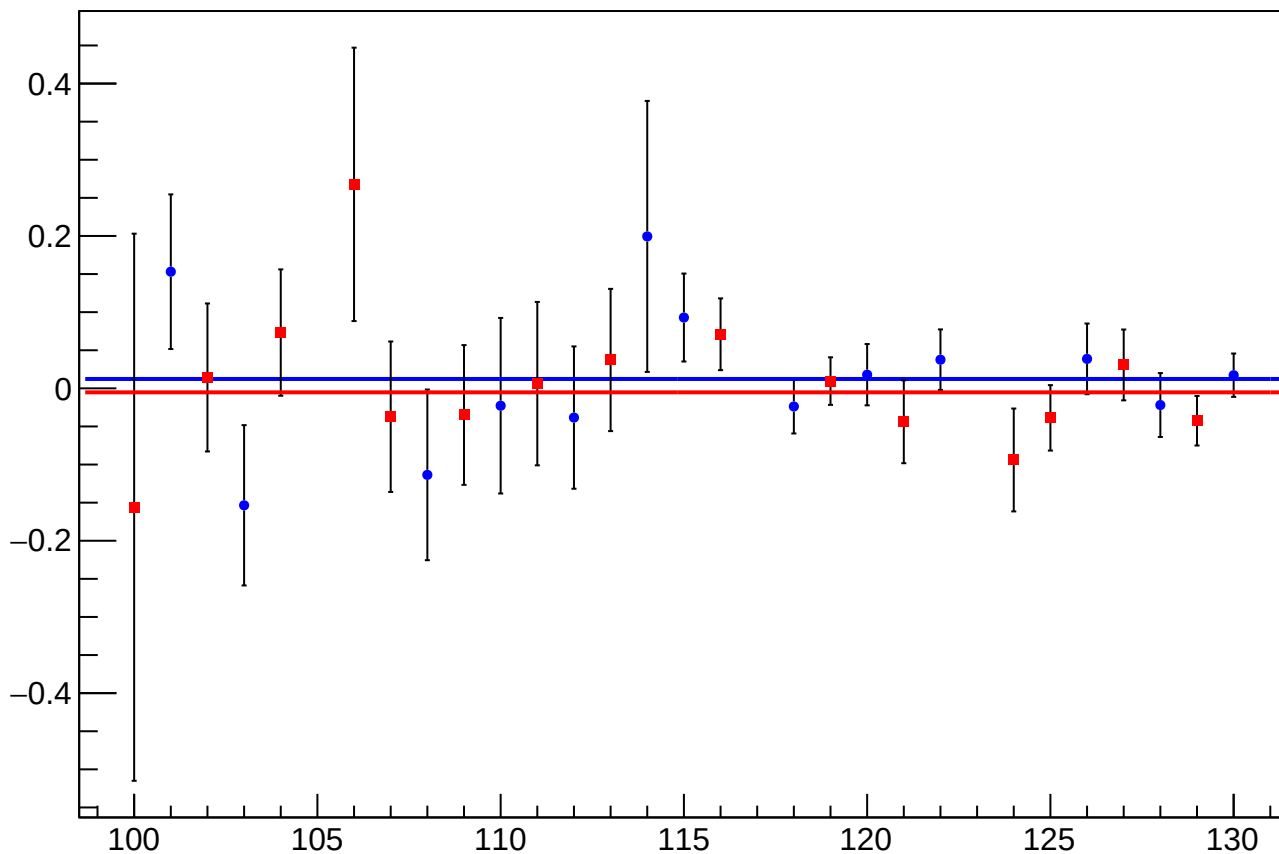
Right: 0.000+/-0.000 χ^2/NDF : 1980690.8/27

In: 0.000+/-0.000 χ^2/NDF : 911137.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1980690.8/27

asym_sam_1526_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.014 χ^2 /NDF: 11.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.005 $\pm$ 0.015 χ^2 /NDF: 11.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

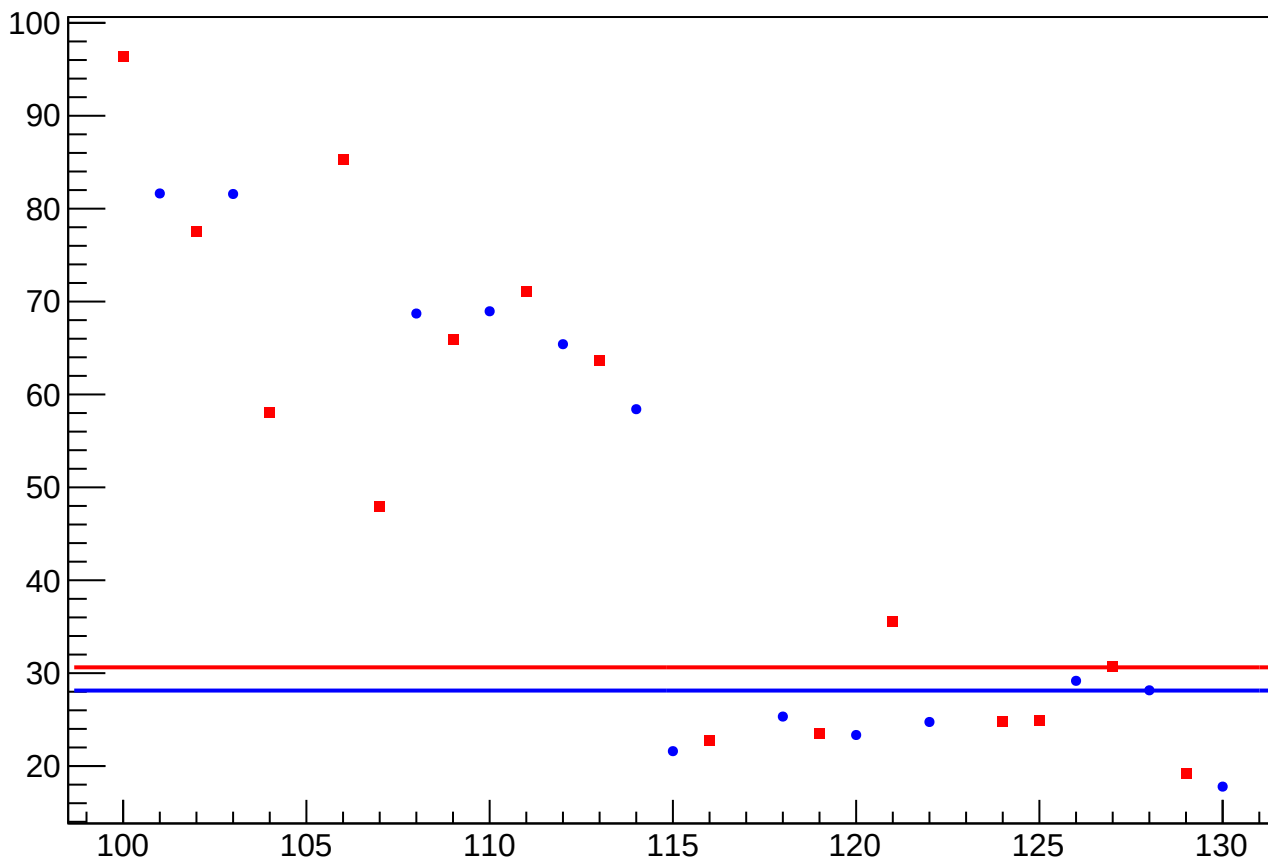
Right: 0.004 $\pm$ 0.010 χ^2 /NDF: 23.8/27

In: 0.012 $\pm$ 0.014 χ^2 /NDF:11.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.004 $\pm$ 0.010 χ^2 /NDF: 23.8/27

asym_sam_1526_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.127+/-0.010 χ^2/NDF : 2309640.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.627+/-0.010 χ^2/NDF : 2307637.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

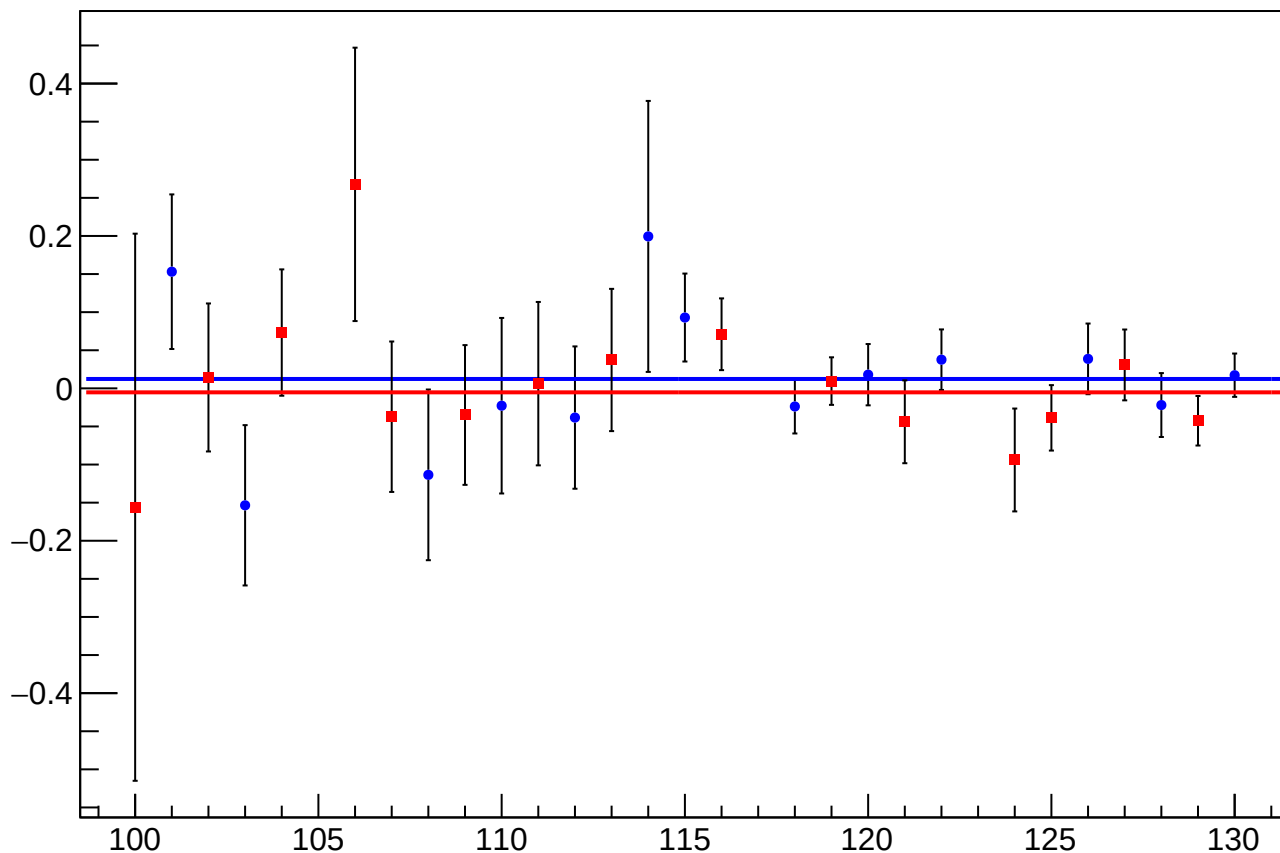
Right: 29.325+/-0.007 χ^2/NDF : 4647877.1/27

In: 28.127+/-0.010 χ^2/NDF : 2309640.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.325+/-0.007 χ^2/NDF : 4647877.1/27

asym_sam_1526_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.014 χ^2 /NDF: 11.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.005 $\pm$ 0.015 χ^2 /NDF: 11.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

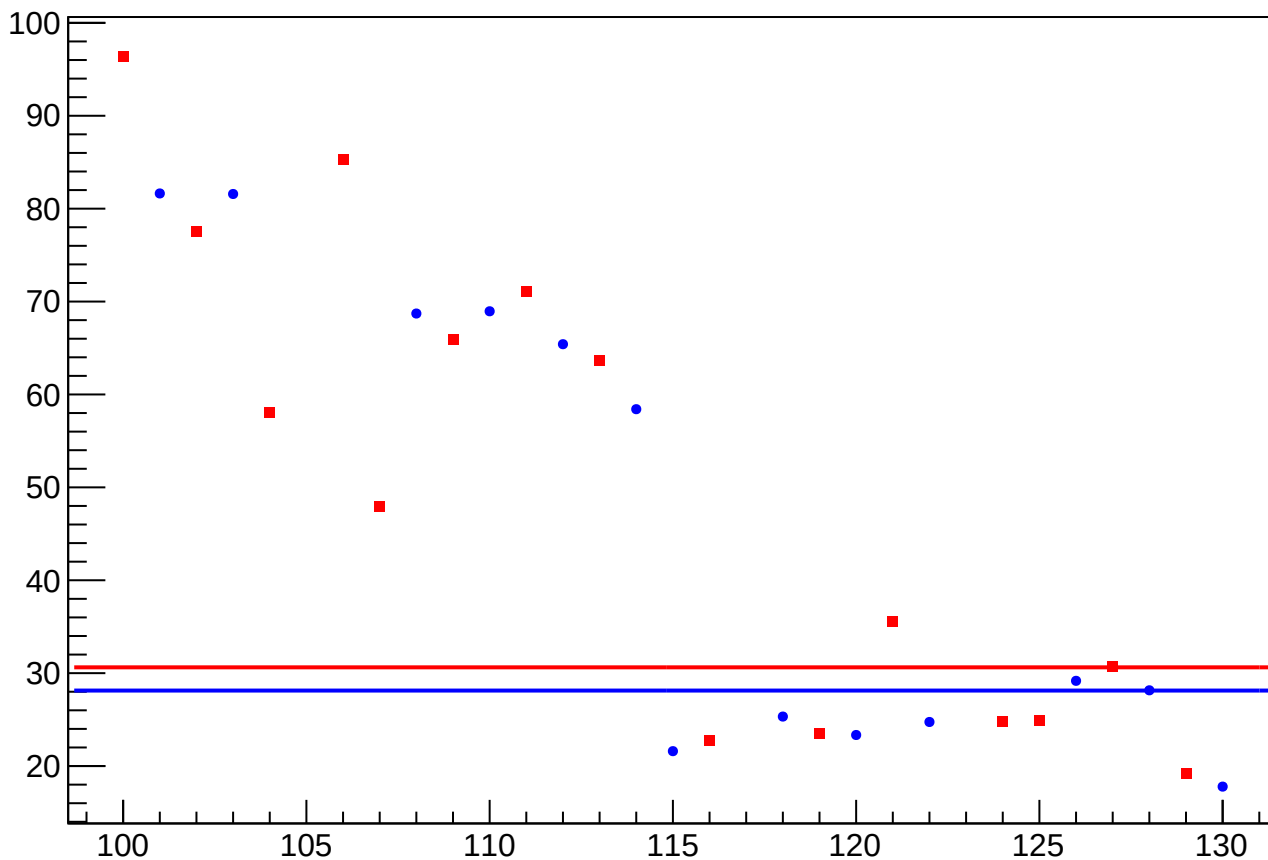
Right: 0.004 $\pm$ 0.010 χ^2 /NDF: 23.8/27

In: 0.012 $\pm$ 0.014 χ^2 /NDF:11.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.004 $\pm$ 0.010 χ^2 /NDF: 23.8/27

asym_sam_1526_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.127+/-0.010 χ^2/NDF : 2309640.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.627+/-0.010 χ^2/NDF : 2307637.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

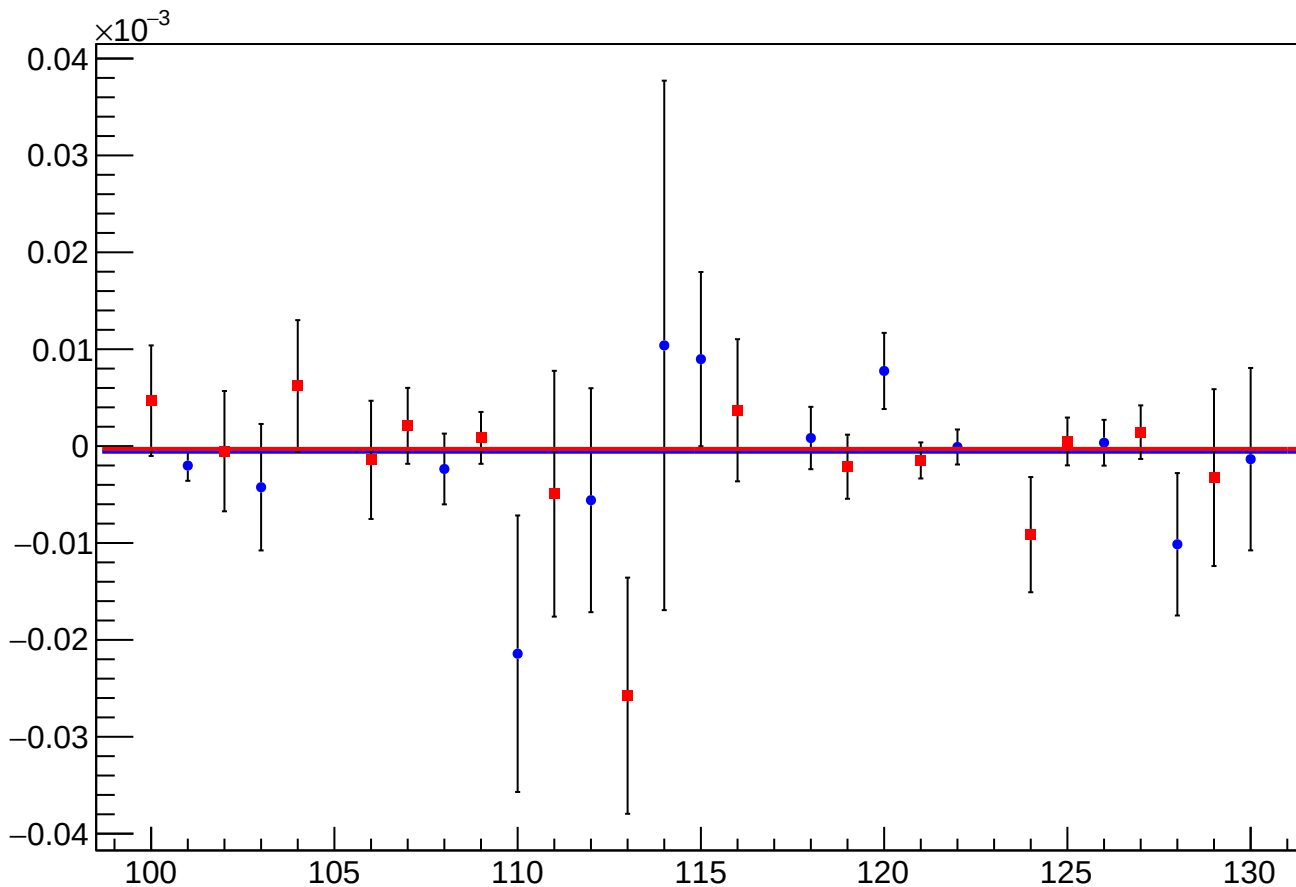
Right: 29.325+/-0.007 χ^2/NDF : 4647877.1/27

In: 28.127+/-0.010 χ^2/NDF : 2309640.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.325+/-0.007 χ^2/NDF : 4647877.1/27

asym_sam_1526_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

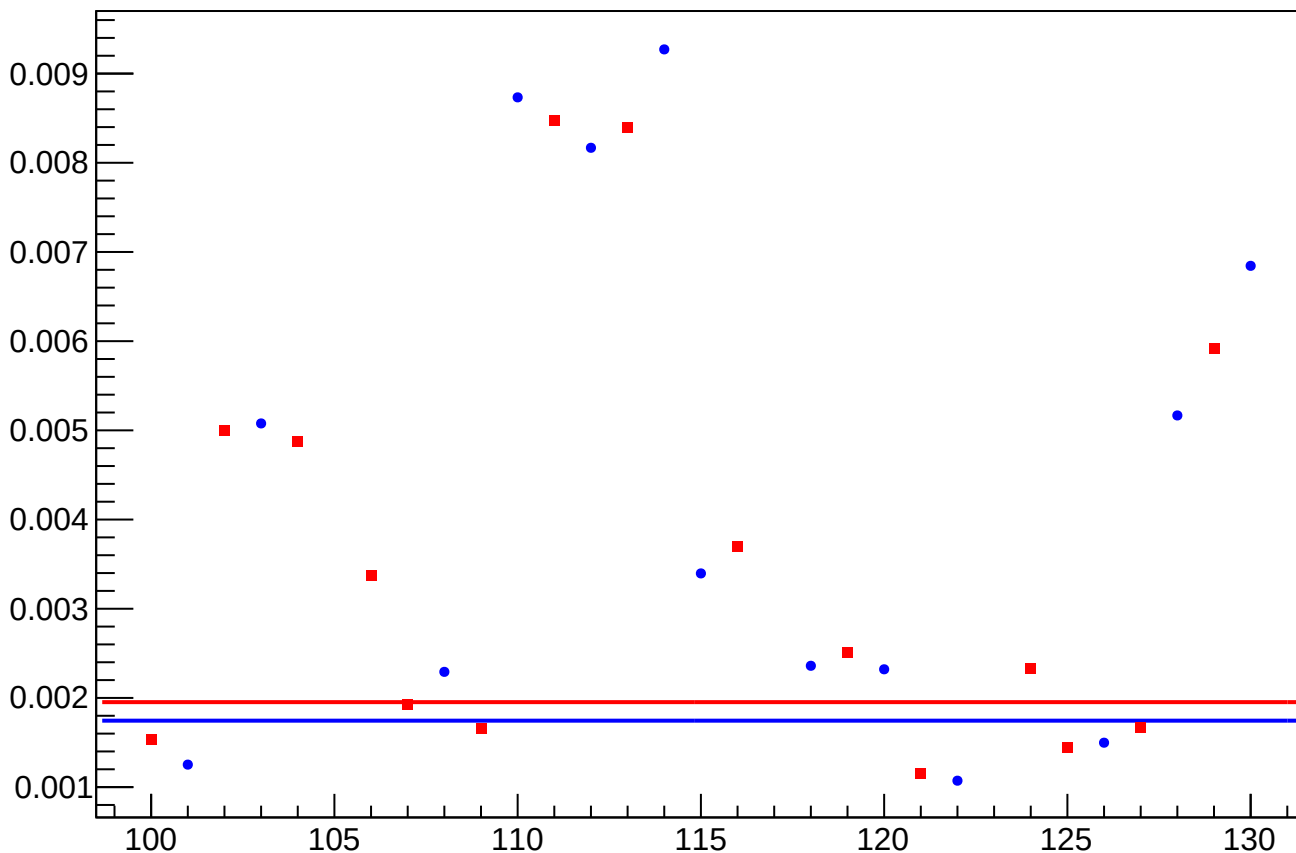
Right: -0.000+/-0.000 χ^2/NDF : 22.2/27

In: -0.000+/-0.000 χ^2/NDF : 11.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.2/27

asym_sam_1526_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000

χ^2/NDF : 3515281.1/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000

χ^2/NDF : 3111091.8/14

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.002+/-0.000

χ^2/NDF : 6674990.3/27

In: 0.002+/-0.000

χ^2/NDF : 3515281.1/12

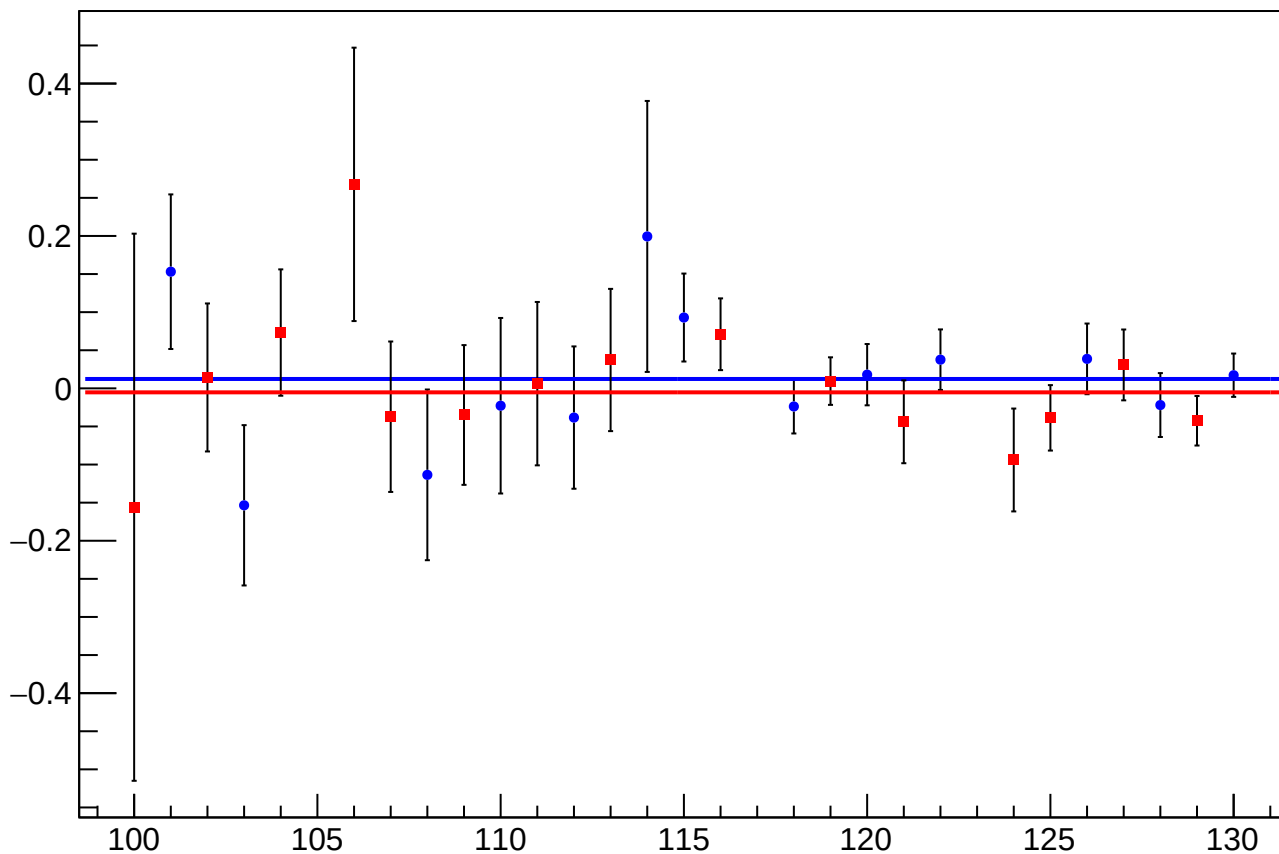
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.002+/-0.000

χ^2/NDF : 6674990.3/27

asym_sam_1526_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.014 χ^2 /NDF: 11.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.005 $\pm$ 0.015 χ^2 /NDF: 11.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

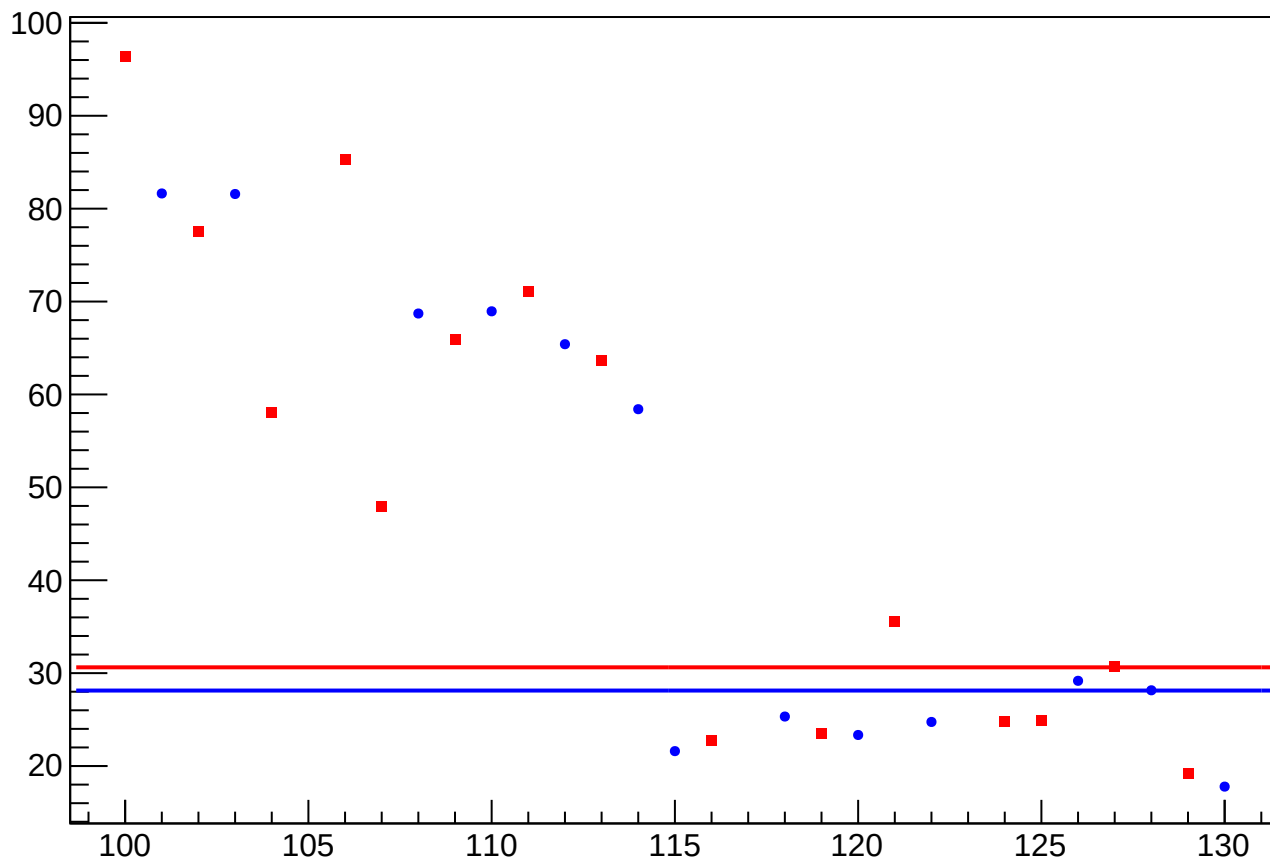
Right: 0.004 $\pm$ 0.010 χ^2 /NDF: 23.8/27

In: 0.012 $\pm$ 0.014 χ^2 /NDF:11.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.004 $\pm$ 0.010 χ^2 /NDF: 23.8/27

asym_sam_1526_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.125+/-0.010 χ^2/NDF : 2309807.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.625+/-0.010 χ^2/NDF : 2307780.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

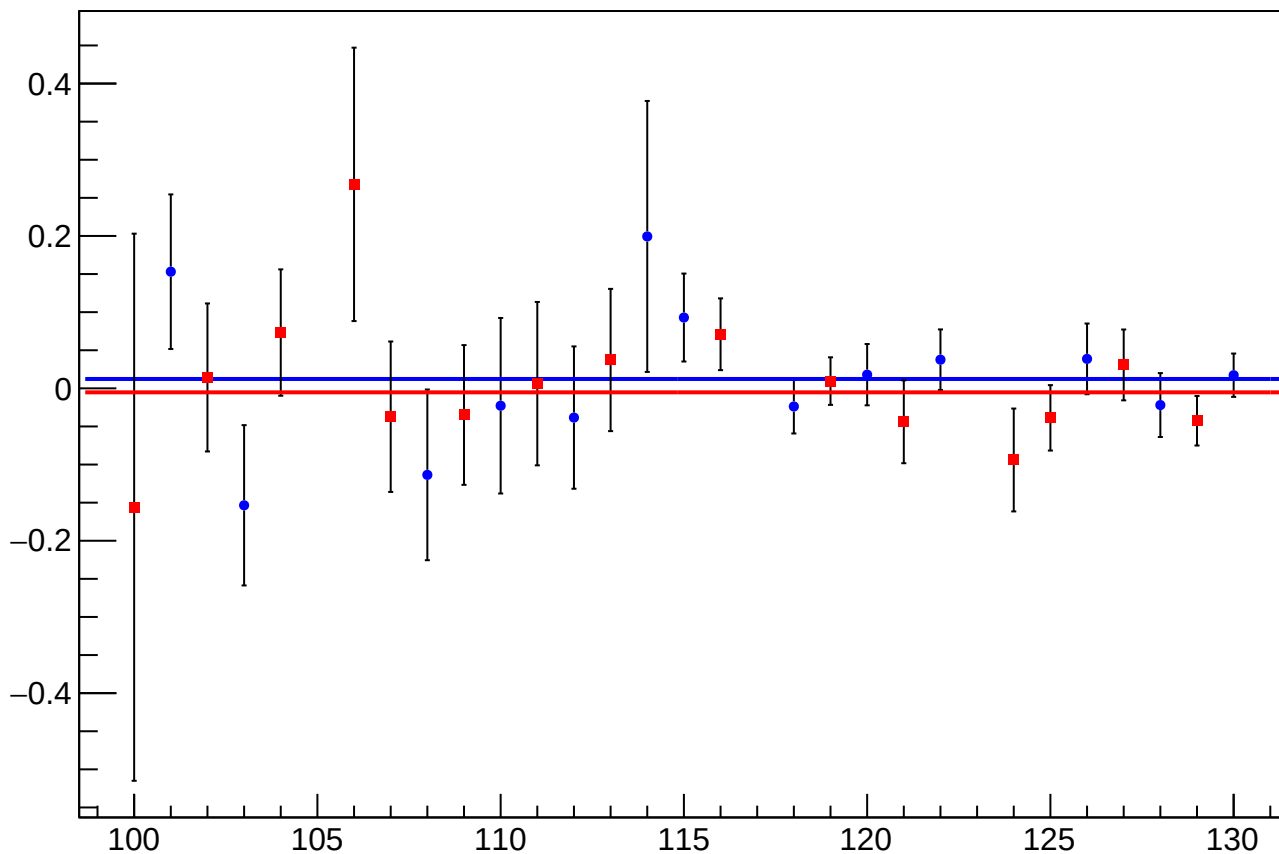
Right: 29.323+/-0.007 χ^2/NDF : 4648192.5/27

In: 28.125+/-0.010 χ^2/NDF : 2309807.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.323+/-0.007 χ^2/NDF : 4648192.5/27

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012+/-0.014 χ^2/NDF : 11.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.005+/-0.015 χ^2/NDF : 11.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

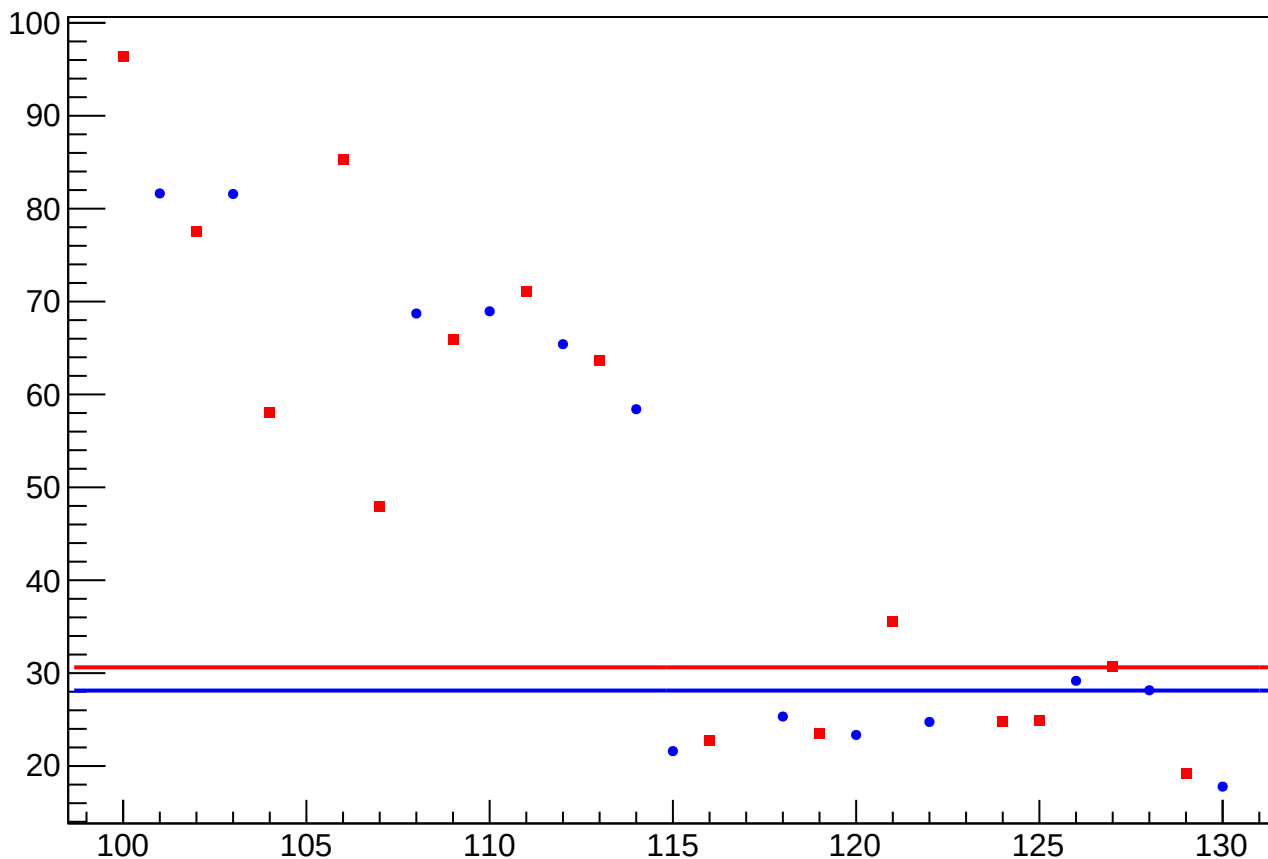
Right: 0.004+/-0.010 χ^2/NDF : 23.8/27

In: 0.012+/-0.014 χ^2/NDF :11.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.010 χ^2/NDF : 23.8/27

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.125+/-0.010 χ^2/NDF : 2309807.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 30.625+/-0.010 χ^2/NDF : 2307780.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

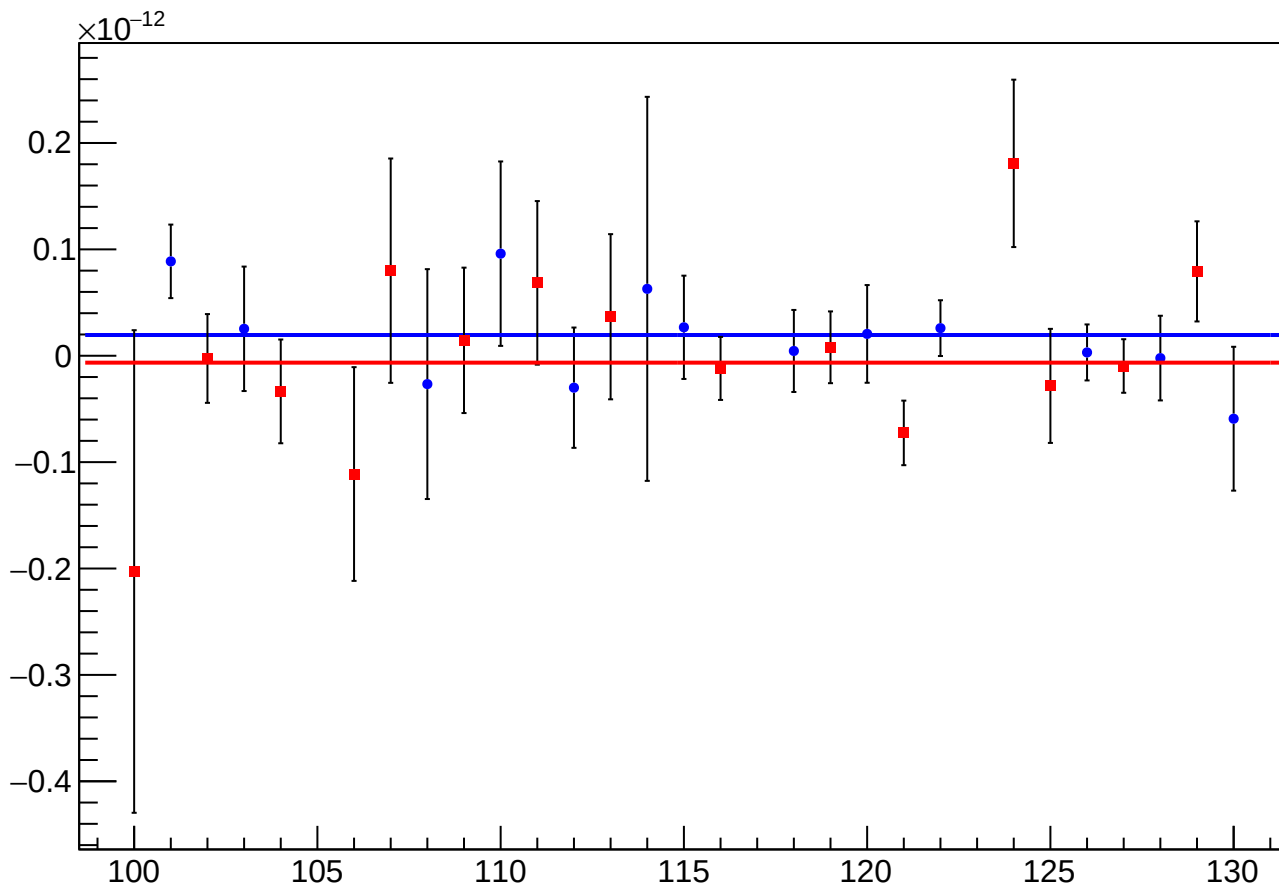
Right: 29.323+/-0.007 χ^2/NDF : 4648192.5/27

In: 28.125+/-0.010 χ^2/NDF :2309807.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 29.323+/-0.007 χ^2/NDF : 4648192.5/27

asym_sam_1526_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

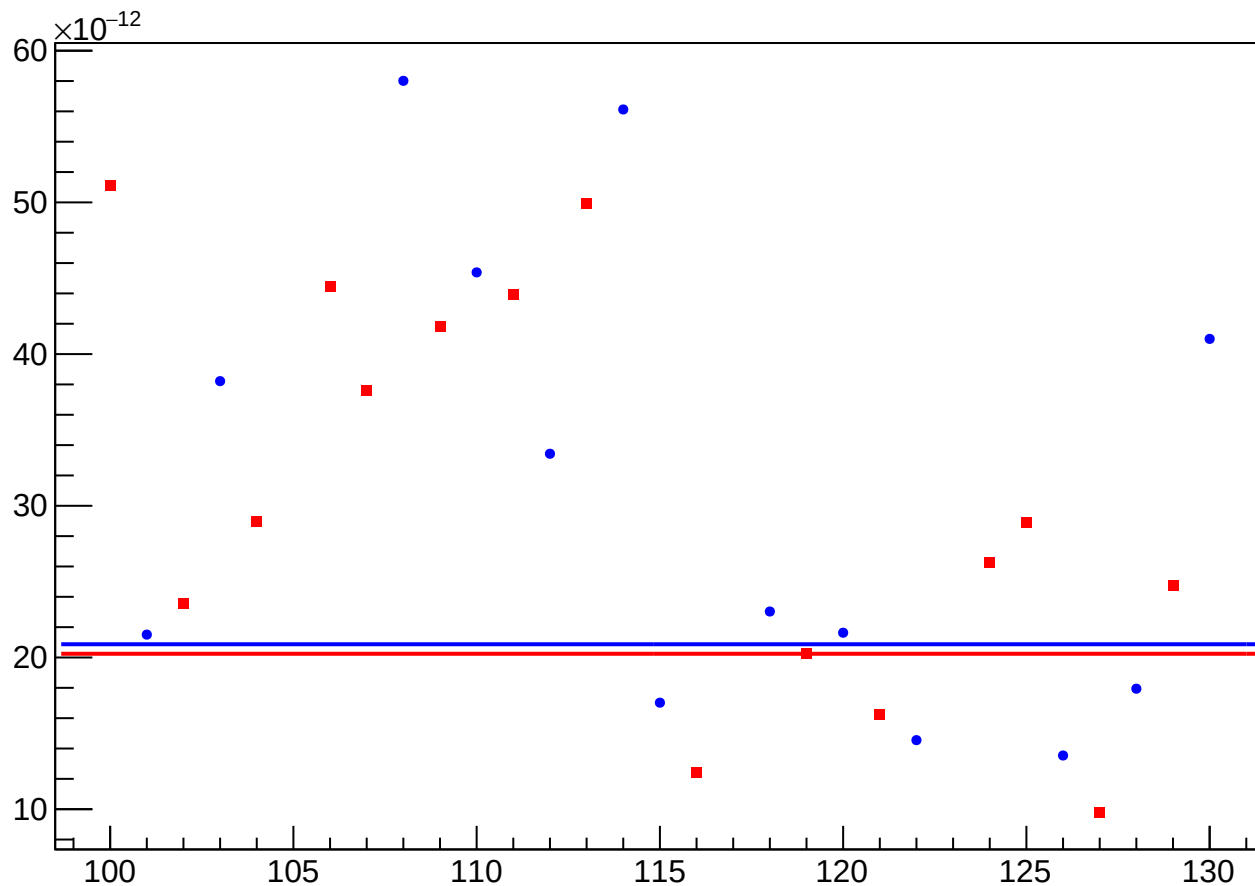
Right: 0.000+/-0.000 χ^2/NDF : 28.8/27

In: 0.000+/-0.000 χ^2/NDF : 8.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.8/27

asym_sam_1526_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1226768.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1569312.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

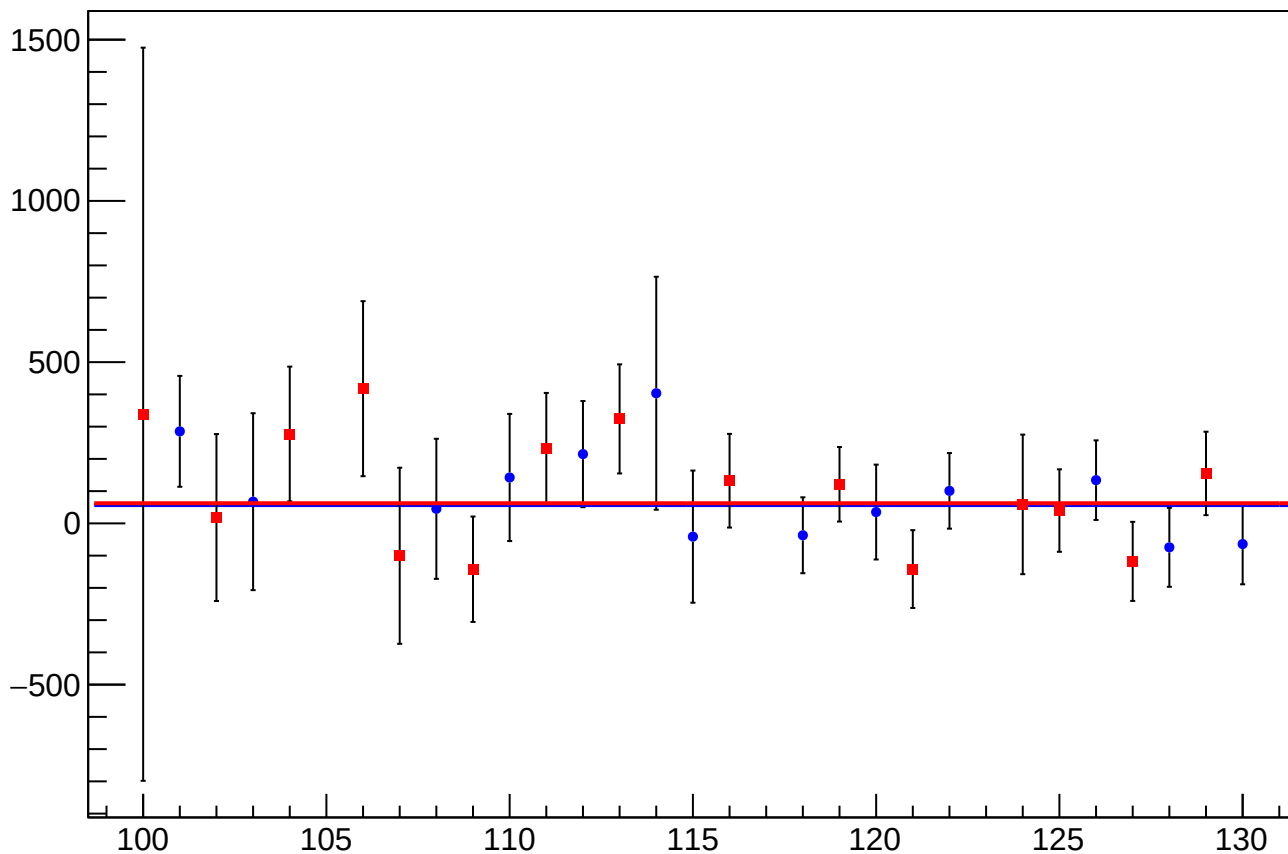
Right: 0.000+/-0.000 χ^2/NDF : 2798927.5/27

In: 0.000+/-0.000 χ^2/NDF : 1226768.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2798927.5/27

reg_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 56.810 $\pm$ 42.634 χ^2 /NDF: 7.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 62.467 $\pm$ 41.839 χ^2 /NDF: 14.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

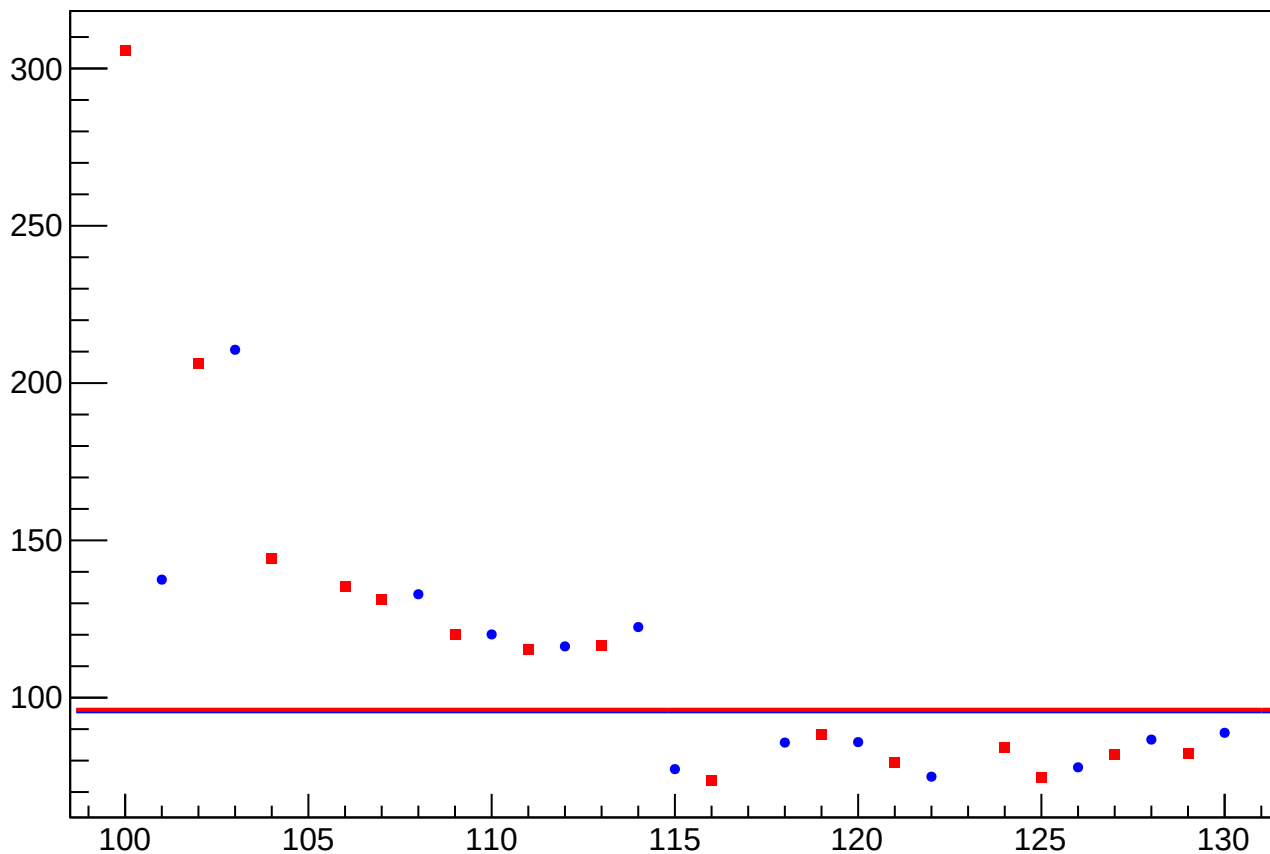
Right: 59.692 $\pm$ 29.862 χ^2 /NDF: 21.5/27

In: 56.810 $\pm$ 42.634 χ^2 /NDF:7.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 59.692 $\pm$ 29.862 χ^2 /NDF: 21.5/27

reg_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 95.664+/-0.030 χ^2/NDF : 761946.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.165+/-0.030 χ^2/NDF : 915345.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

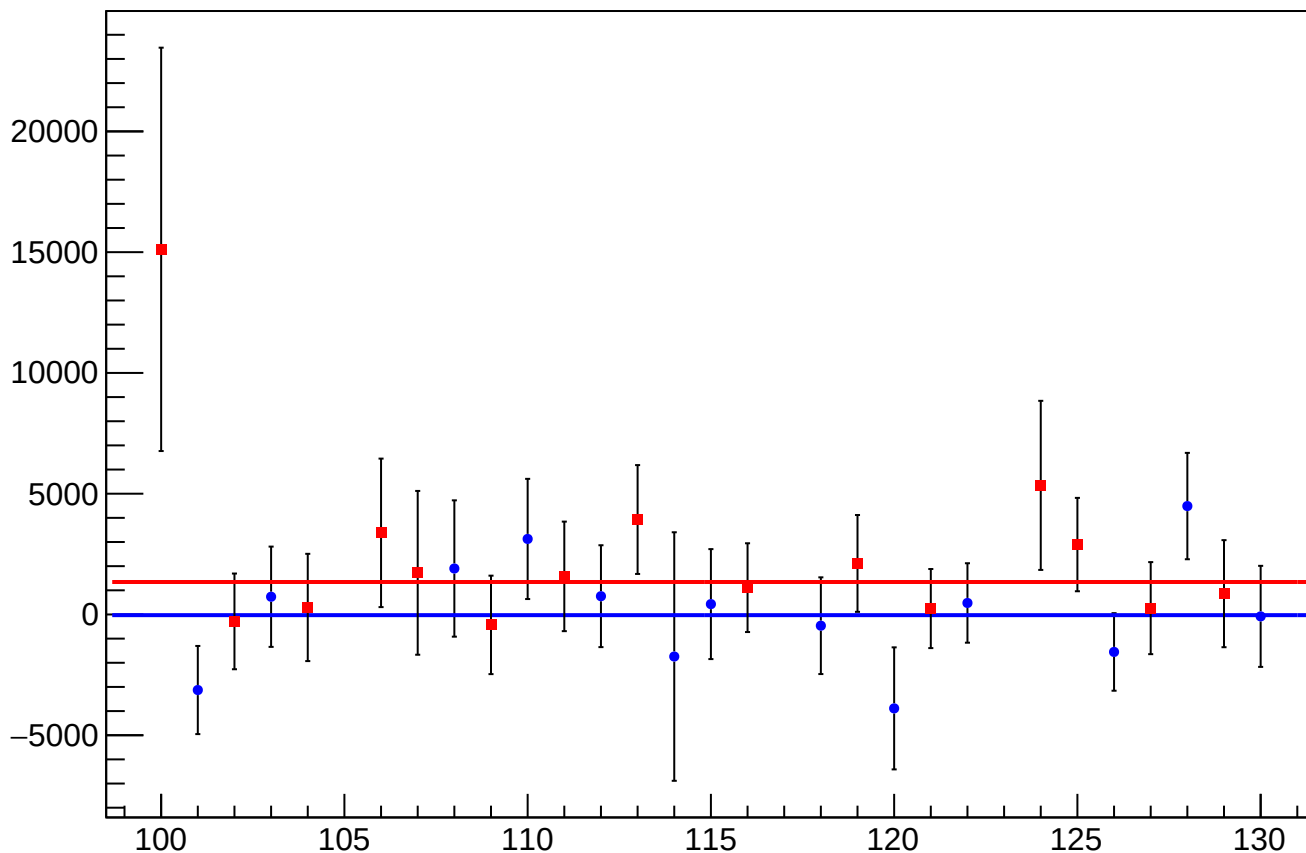
Right: 95.919+/-0.021 χ^2/NDF : 1677432.4/27

In: 95.664+/-0.030 χ^2/NDF : 761946.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.919+/-0.021 χ^2/NDF : 1677432.4/27

asym_sam_3726_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -28.189 ± 589.918 $\chi^2/\text{NDF}: 13.0/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1344.477 ± 573.231 $\chi^2/\text{NDF}: 9.1/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

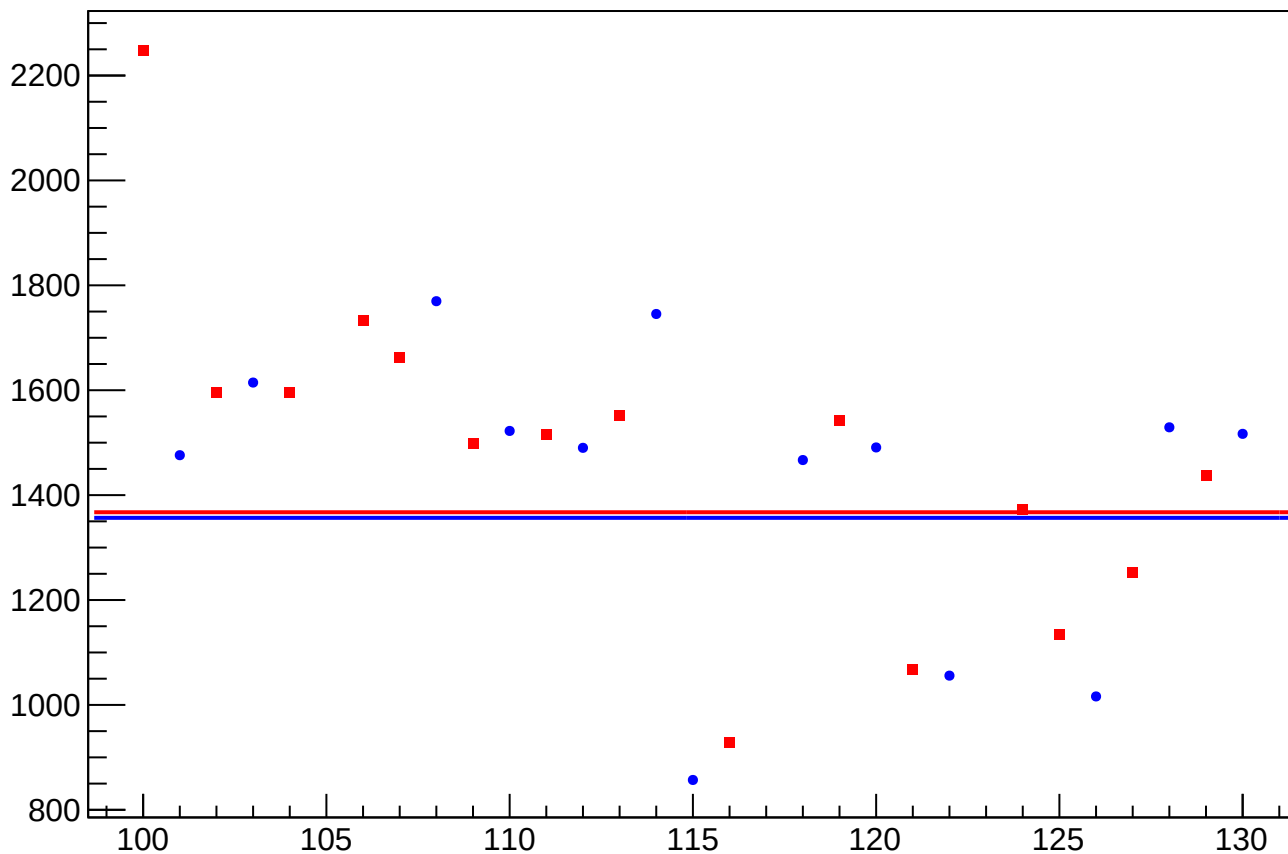
Right: 677.832 ± 411.108 $\chi^2/\text{NDF}: 24.8/27$

In: -28.189 ± 589.918 $\chi^2/\text{NDF}: 13.0/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 677.832 ± 411.108 $\chi^2/\text{NDF}: 24.8/27$

asym_sam_3726_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1356.712+/-0.417 χ^2/NDF : 399558.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1367.342+/-0.405 χ^2/NDF : 378920.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

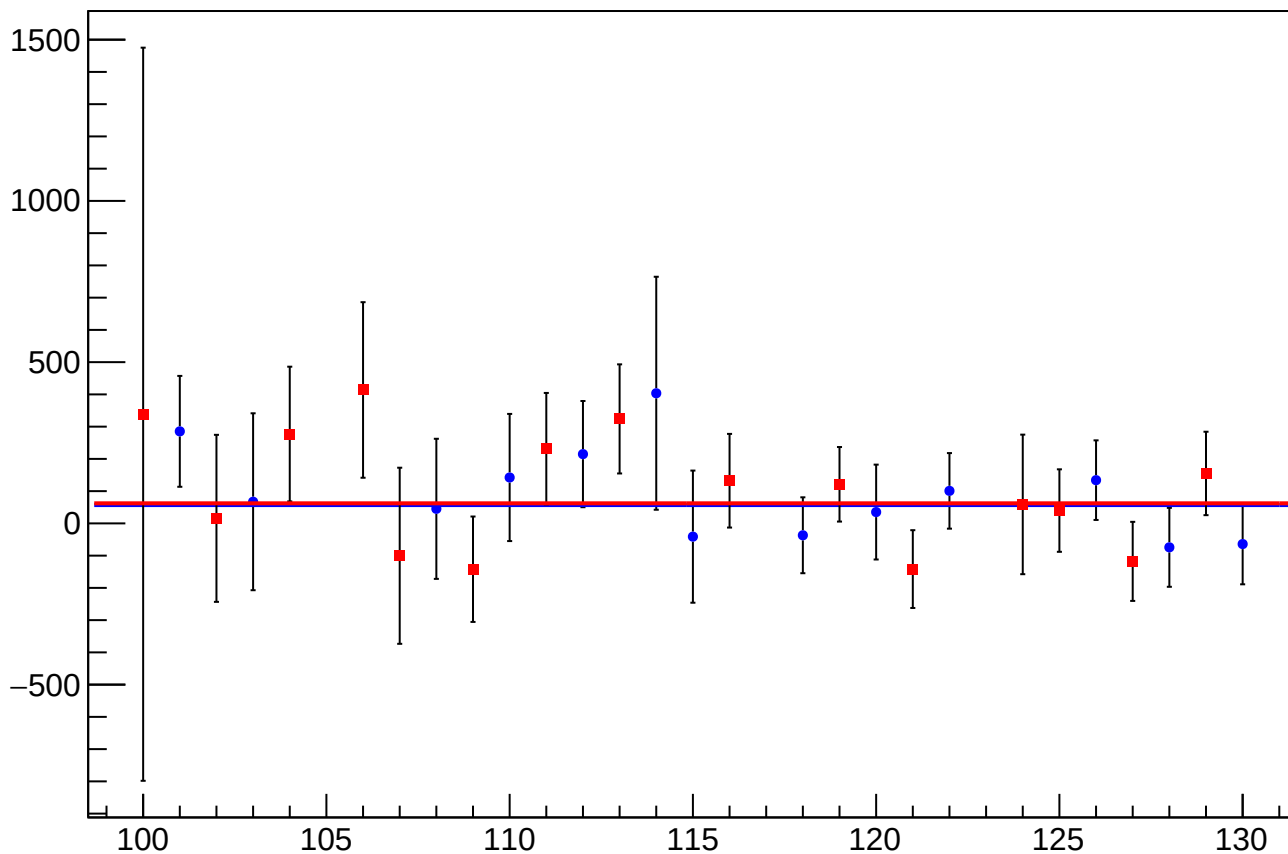
Right: 1362.180+/-0.291 χ^2/NDF : 778812.7/27

In: 1356.712+/-0.417 χ^2/NDF :399558.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1362.180+/-0.291 χ^2/NDF : 778812.7/27

cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 56.803+/-42.634 χ^2/NDF : 7.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.251+/-41.843 χ^2/NDF : 14.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

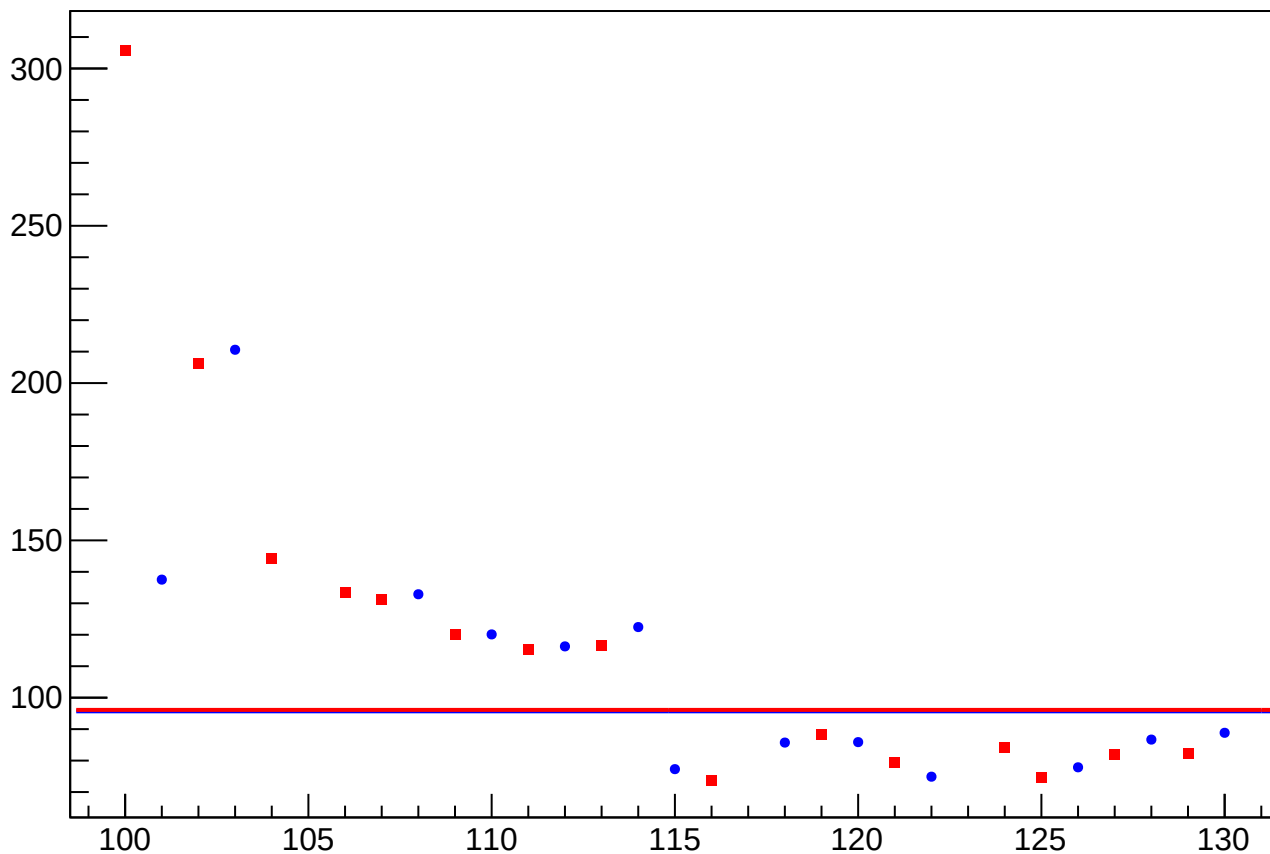
Right: 59.578+/-29.863 χ^2/NDF : 21.5/27

In: 56.803+/-42.634 χ^2/NDF : 7.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.578+/-29.863 χ^2/NDF : 21.5/27

cor_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 95.664+/-0.030 χ^2/NDF : 761948.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.113+/-0.030 χ^2/NDF : 911378.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

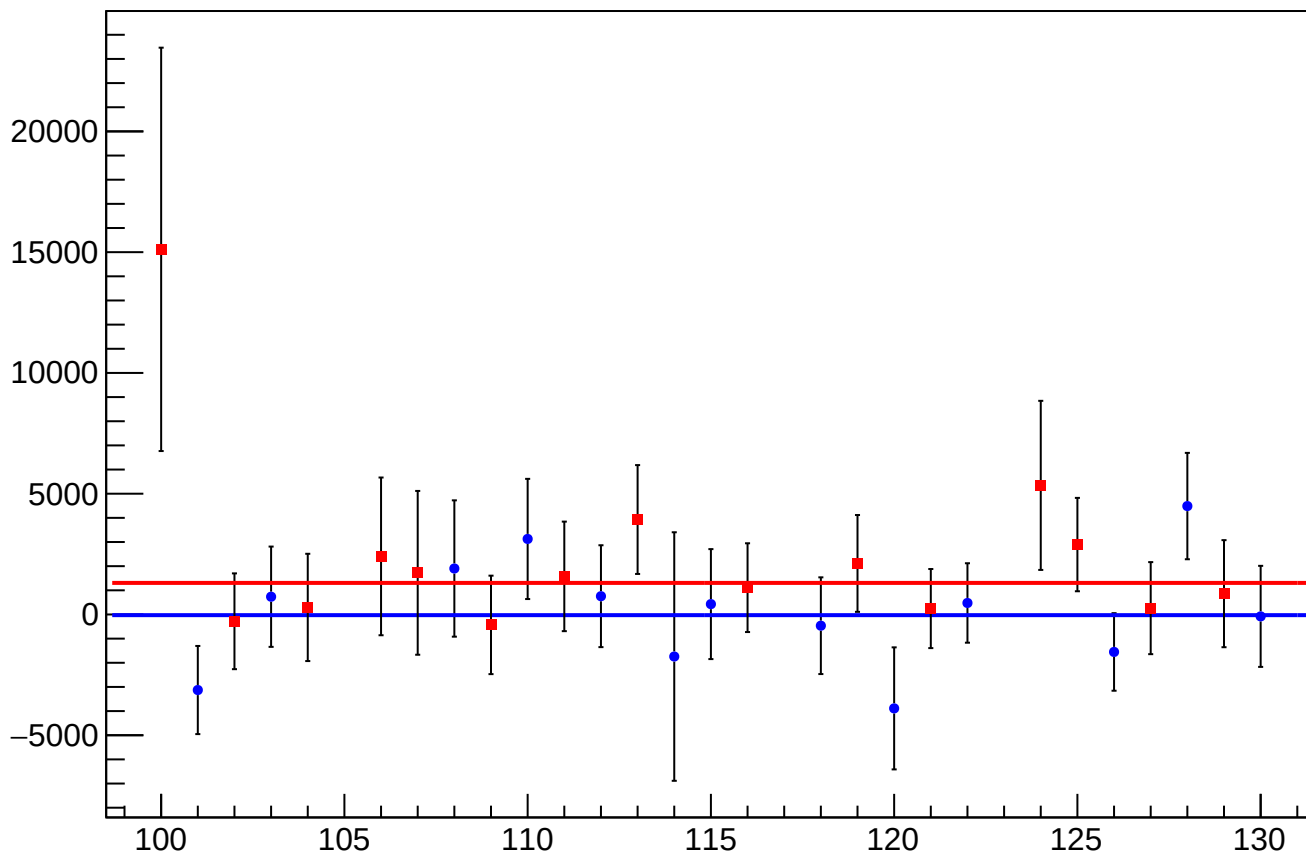
Right: 95.893+/-0.021 χ^2/NDF : 1673439.6/27

In: 95.664+/-0.030 χ^2/NDF : 761948.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.893+/-0.021 χ^2/NDF : 1673439.6/27

asym_sam_3726_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -28.124+/-589.921 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1306.953+/-574.405 χ^2/NDF : 8.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

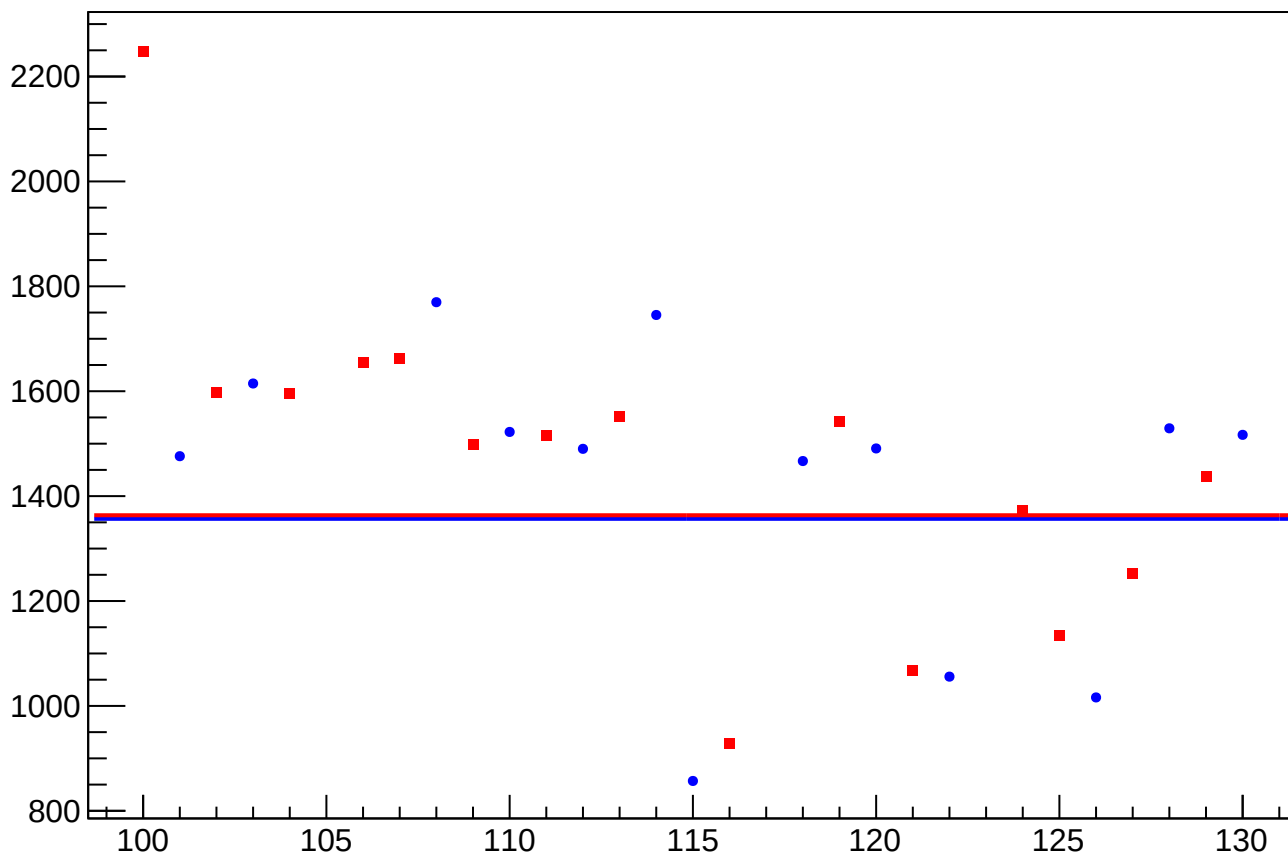
Right: 657.204+/-411.542 χ^2/NDF : 24.4/27

In: -28.124+/-589.921 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 657.204+/-411.542 χ^2/NDF : 24.4/27

asym_sam_3726_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1356.718+/-0.417 χ^2/NDF : 399581.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1363.541+/-0.406 χ^2/NDF : 366265.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

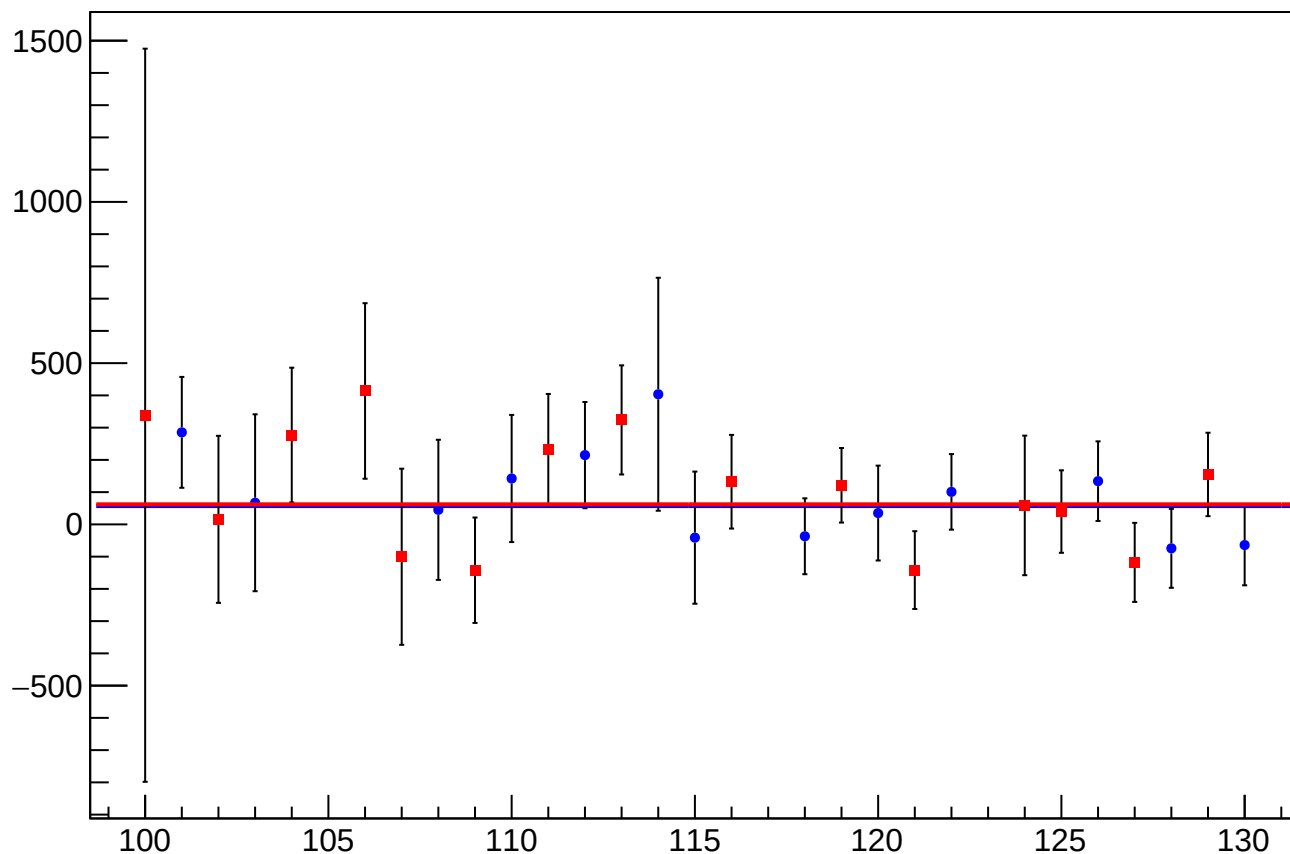
Right: 1360.221+/-0.291 χ^2/NDF : 765984.5/27

In: 1356.718+/-0.417 χ^2/NDF :399581.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1360.221+/-0.291 χ^2/NDF : 765984.5/27

eigen_cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 56.803+/-42.634 χ^2/NDF : 7.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.251+/-41.843 χ^2/NDF : 14.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

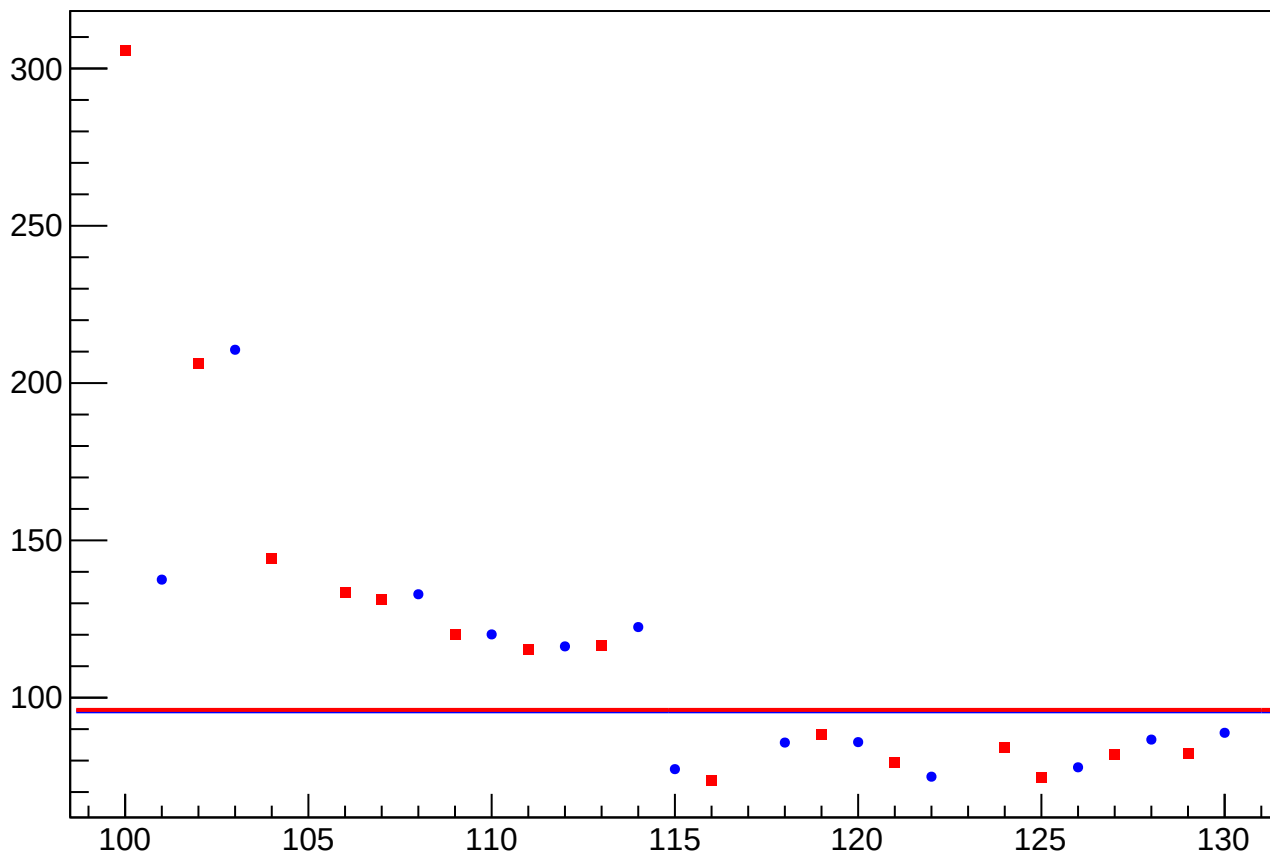
Right: 59.578+/-29.863 χ^2/NDF : 21.5/27

In: 56.803+/-42.634 χ^2/NDF : 7.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.578+/-29.863 χ^2/NDF : 21.5/27

eigen_cor_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 95.664+/-0.030 χ^2/NDF : 761948.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.113+/-0.030 χ^2/NDF : 911378.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

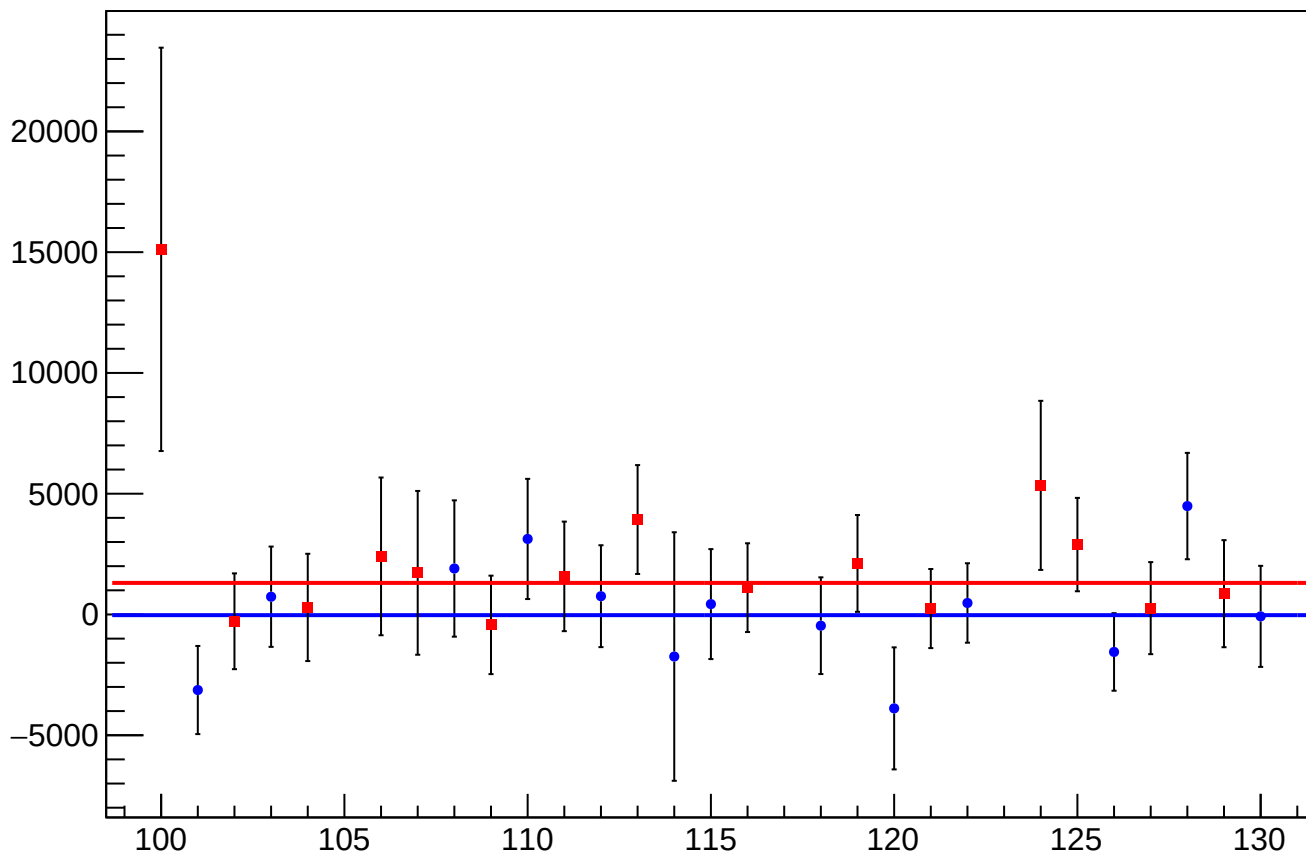
Right: 95.893+/-0.021 χ^2/NDF : 1673439.6/27

In: 95.664+/-0.030 χ^2/NDF : 761948.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.893+/-0.021 χ^2/NDF : 1673439.6/27

asym_sam_3726_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -28.124+/-589.921 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1306.953+/-574.405 χ^2/NDF : 8.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

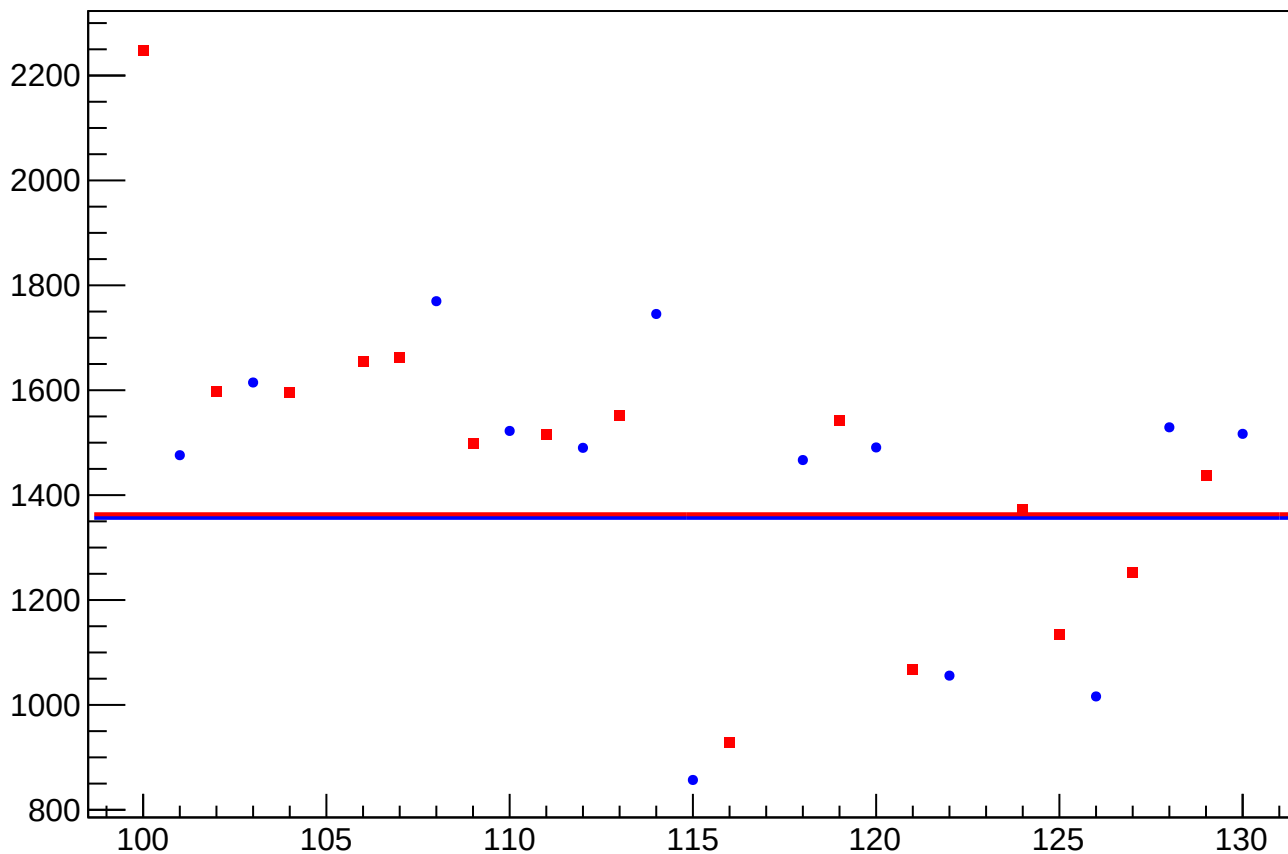
Right: 657.204+/-411.542 χ^2/NDF : 24.4/27

In: -28.124+/-589.921 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 657.204+/-411.542 χ^2/NDF : 24.4/27

asym_sam_3726_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1356.718+/-0.417 χ^2/NDF : 399581.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1363.541+/-0.406 χ^2/NDF : 366265.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

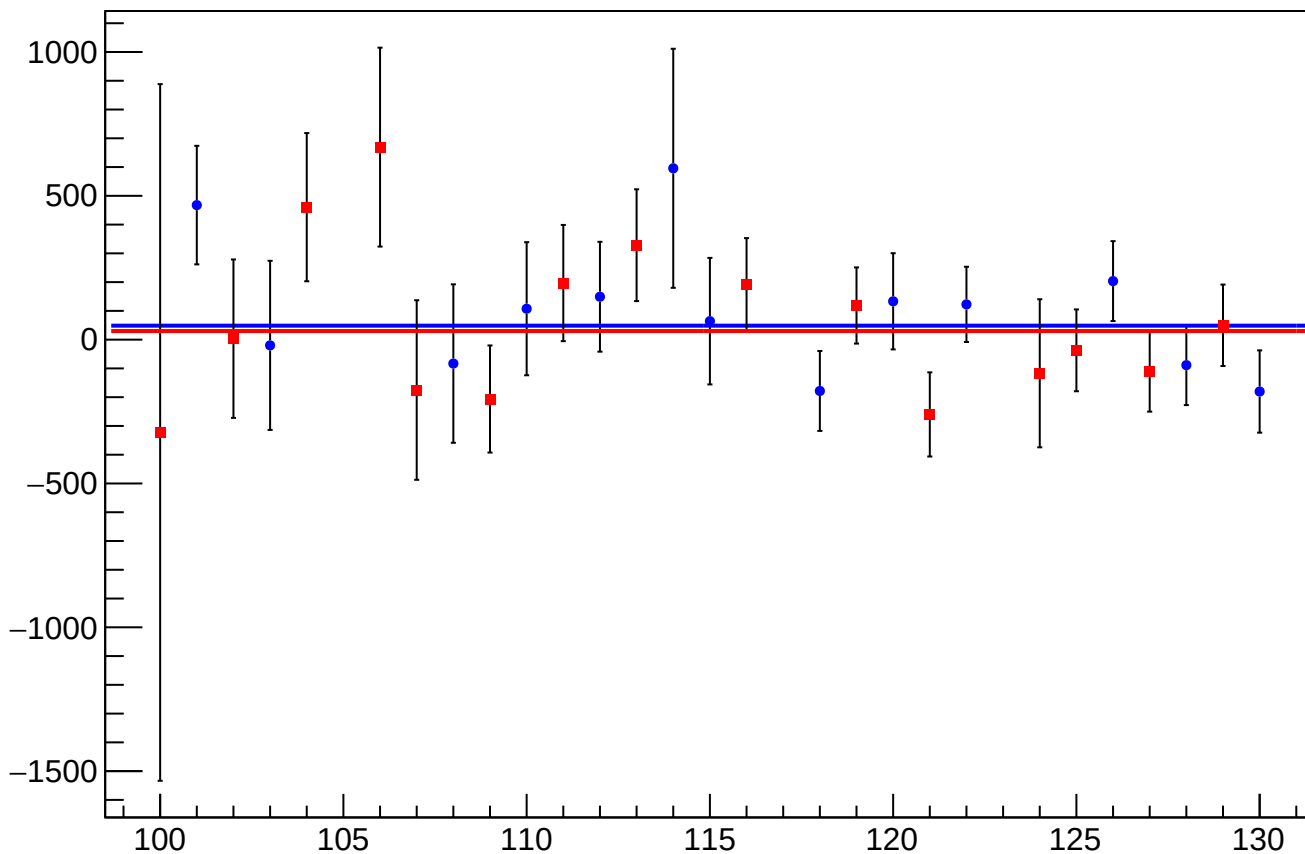
Right: 1360.221+/-0.291 χ^2/NDF : 765984.5/27

In: 1356.718+/-0.417 χ^2/NDF : 399581.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1360.221+/-0.291 χ^2/NDF : 765984.5/27

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 48.638+/-48.826 χ^2/NDF : 14.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.983+/-47.931 χ^2/NDF : 18.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

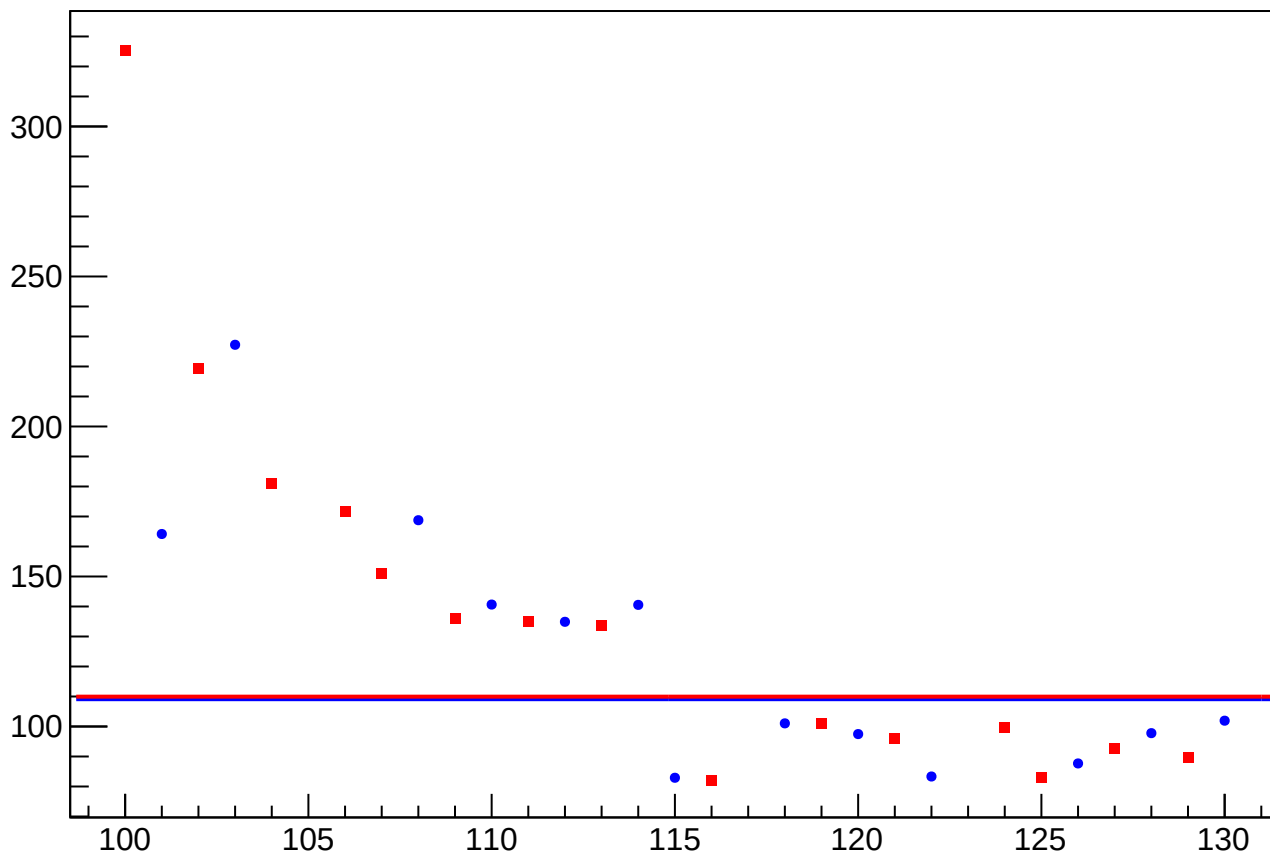
Right: 39.138+/-34.204 χ^2/NDF : 32.9/27

In: 48.638+/-48.826 χ^2/NDF : 14.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.138+/-34.204 χ^2/NDF : 32.9/27

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 109.104+/-0.035 χ^2/NDF : 833026.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 109.947+/-0.034 χ^2/NDF : 962331.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

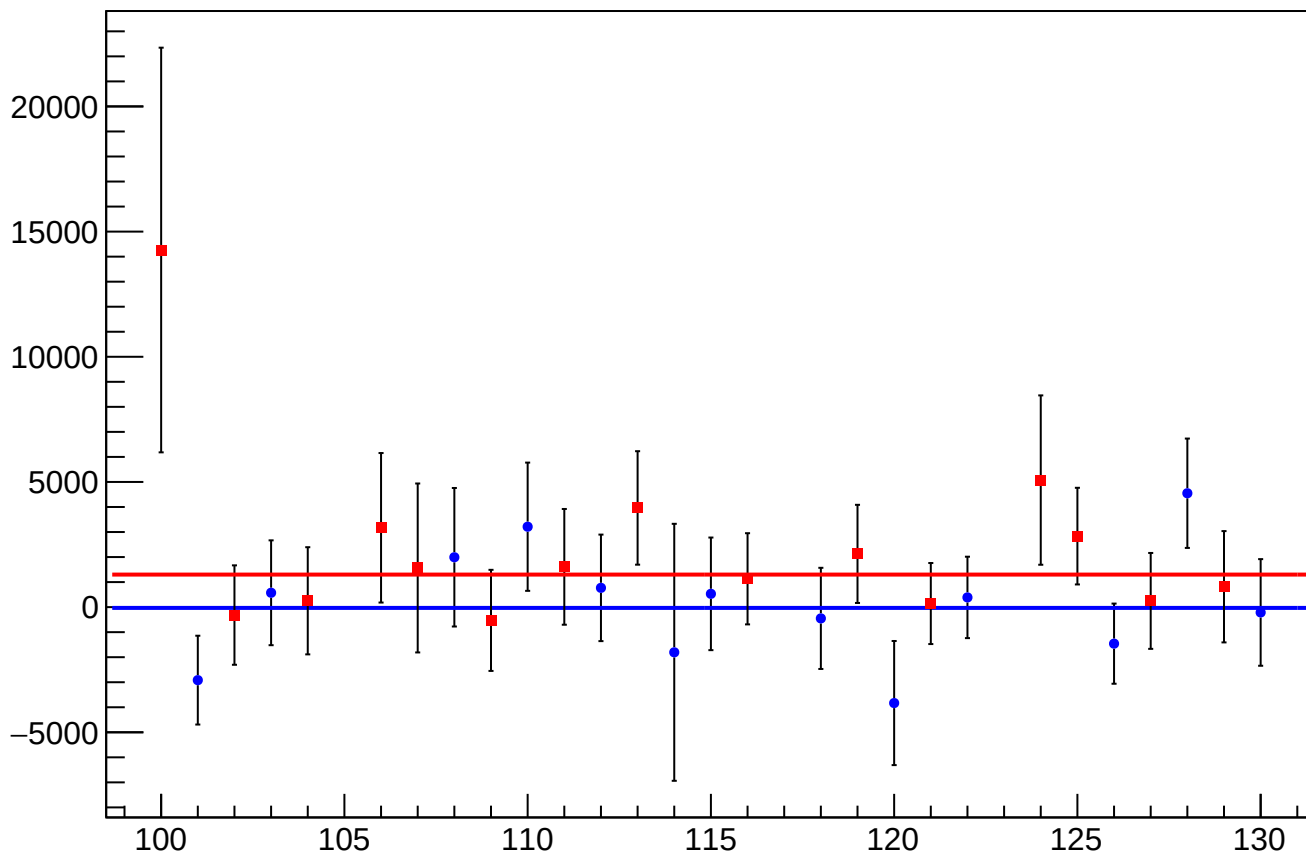
Right: 109.533+/-0.024 χ^2/NDF : 1795662.4/27

In: 109.104+/-0.035 χ^2/NDF :833026.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 109.533+/-0.024 χ^2/NDF : 1795662.4/27

asym_sam_3726_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -31.068+/-588.053 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1299.947+/-569.026 χ^2/NDF : 9.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

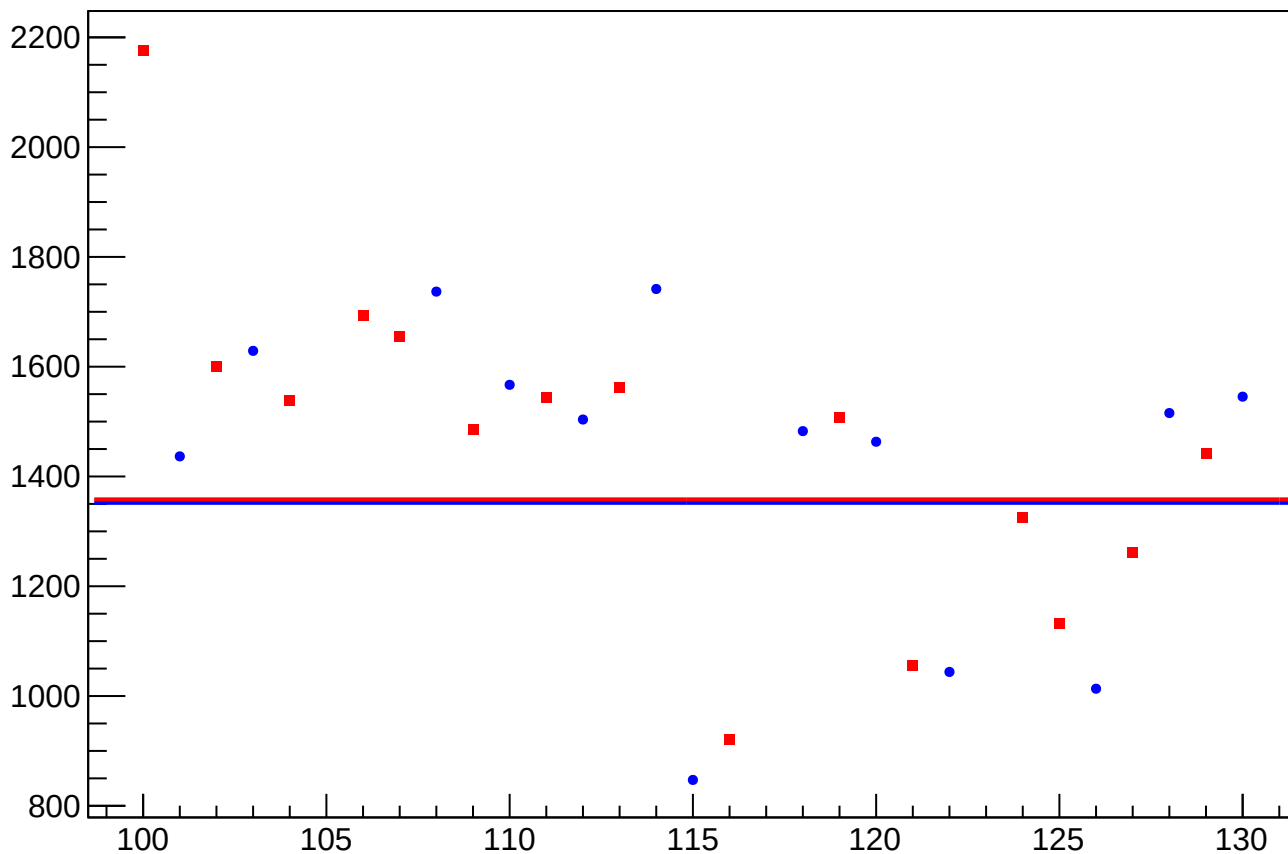
Right: 656.321+/-408.923 χ^2/NDF : 24.5/27

In: -31.068+/-588.053 χ^2/NDF :12.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 656.321+/-408.923 χ^2/NDF : 24.5/27

asym_sam_3726_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1351.988+/-0.416 χ^2/NDF : 416177.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1358.312+/-0.402 χ^2/NDF : 374826.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

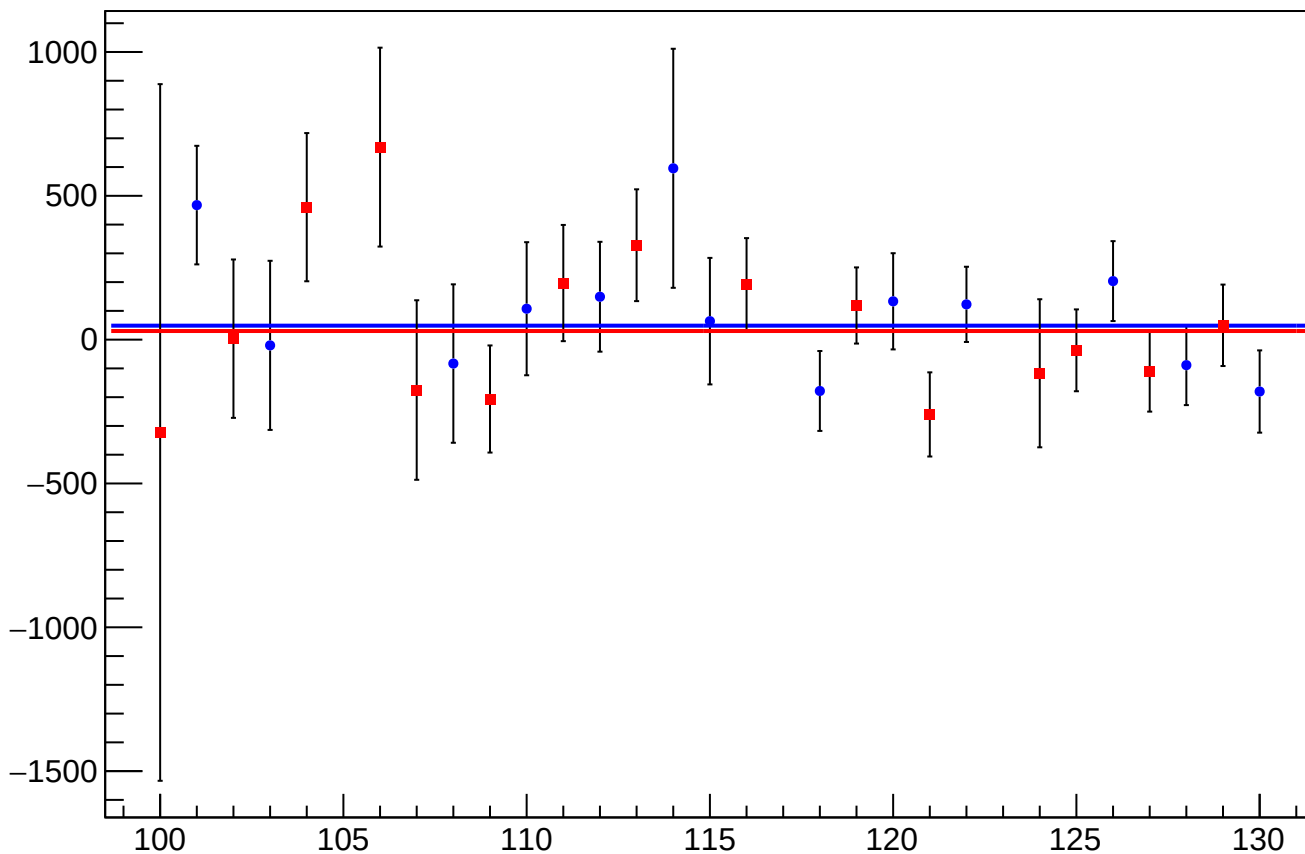
Right: 1355.254+/-0.289 χ^2/NDF : 791123.7/27

In: 1351.988+/-0.416 χ^2/NDF :416177.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1355.254+/-0.289 χ^2/NDF : 791123.7/27

eigen_dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 48.636+/-48.826 χ^2/NDF : 14.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.979+/-47.931 χ^2/NDF : 18.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

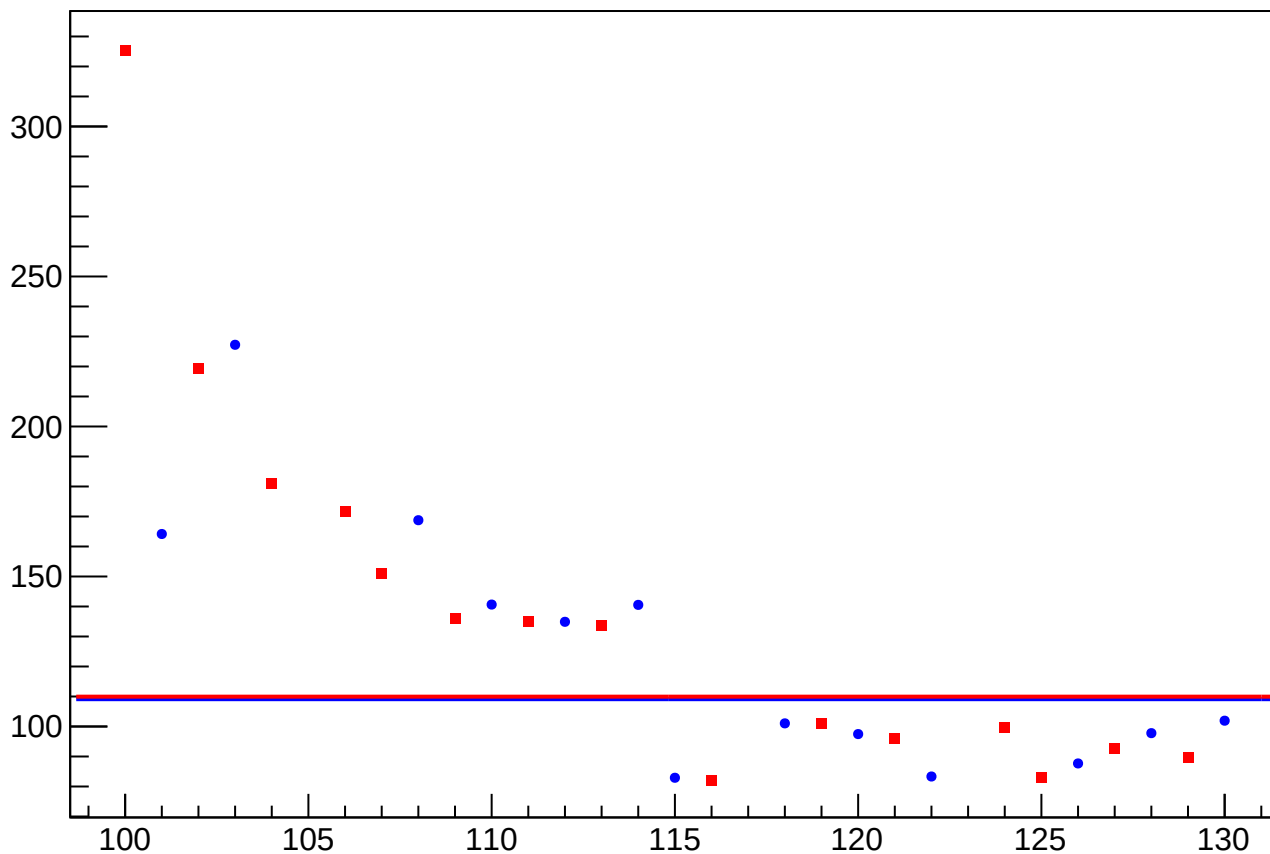
Right: 39.135+/-34.204 χ^2/NDF : 32.9/27

In: 48.636+/-48.826 χ^2/NDF : 14.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.135+/-34.204 χ^2/NDF : 32.9/27

eigen_dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 109.104+/-0.035 χ^2/NDF : 833023.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 109.947+/-0.034 χ^2/NDF : 962328.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

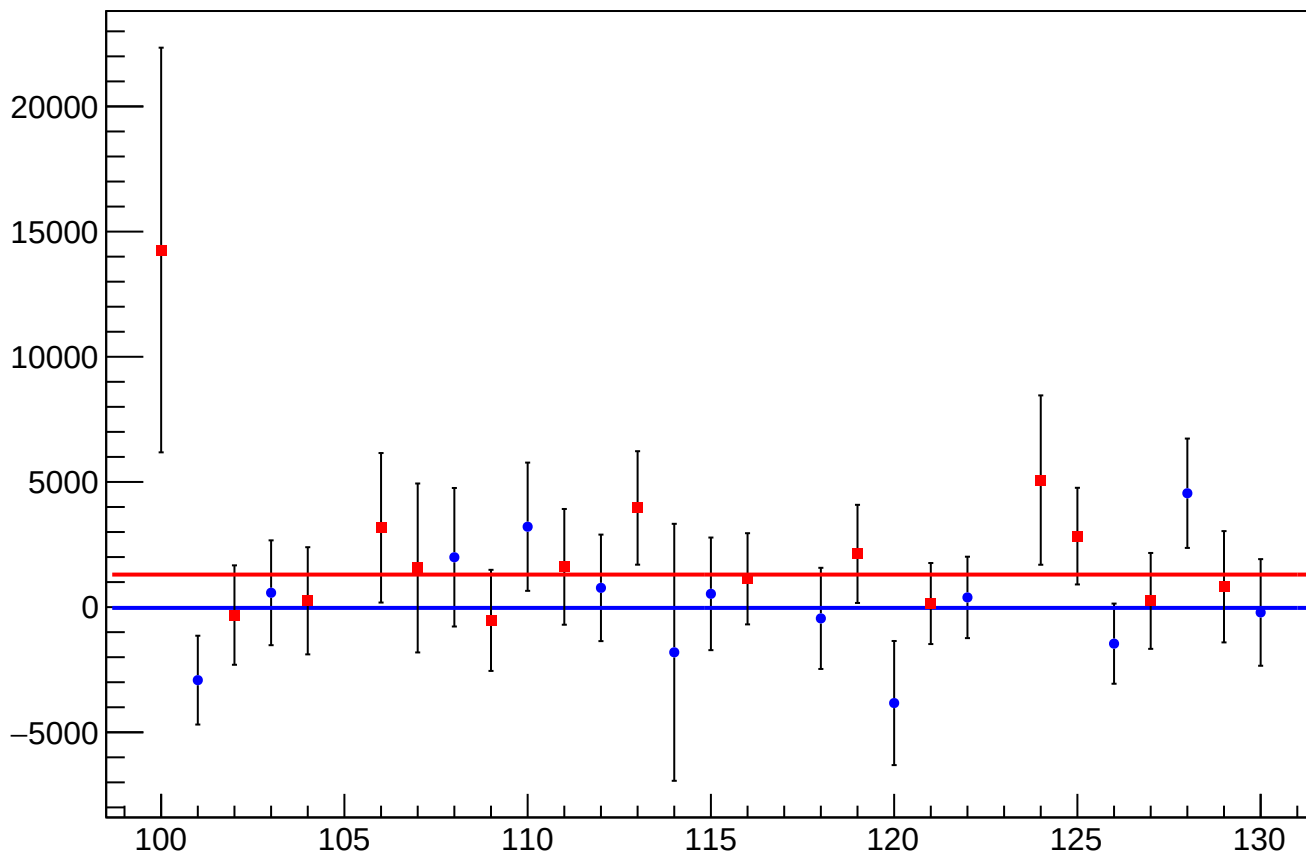
Right: 109.533+/-0.024 χ^2/NDF : 1795655.9/27

In: 109.104+/-0.035 χ^2/NDF :833023.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 109.533+/-0.024 χ^2/NDF : 1795655.9/27

asym_sam_3726_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -31.066+/-588.051 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1299.944+/-569.024 χ^2/NDF : 9.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

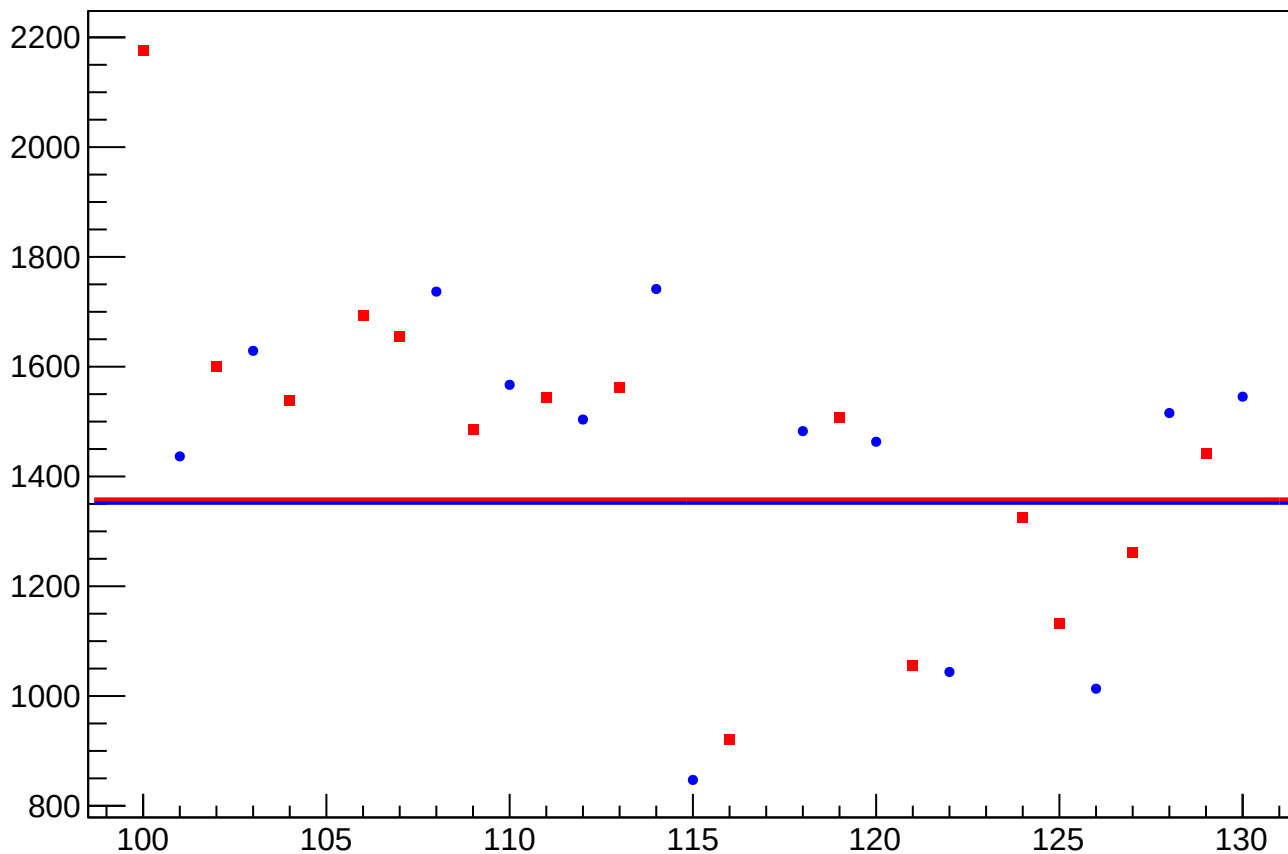
Right: 656.320+/-408.922 χ^2/NDF : 24.5/27

In: -31.066+/-588.051 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 656.320+/-408.922 χ^2/NDF : 24.5/27

asym_sam_3726_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1351.985+/-0.416 χ^2/NDF : 416172.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1358.309+/-0.402 χ^2/NDF : 374822.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

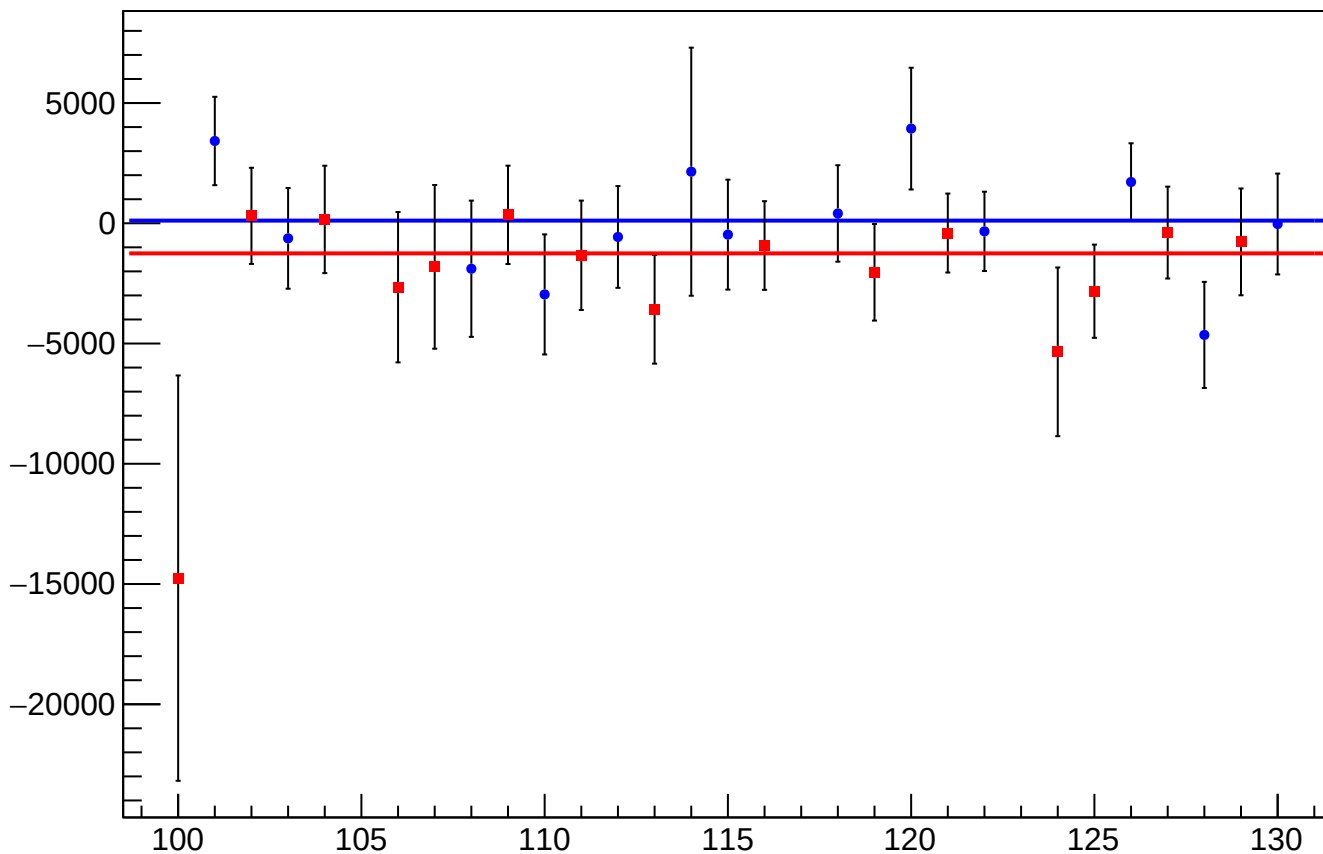
Right: 1355.251+/-0.289 χ^2/NDF : 791114.3/27

In: 1351.985+/-0.416 χ^2/NDF :416172.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1355.251+/-0.289 χ^2/NDF : 791114.3/27

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 111.154 $\pm$ 592.096 χ^2 /NDF: 13.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1251.567 $\pm$ 575.499 χ^2 /NDF: 8.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

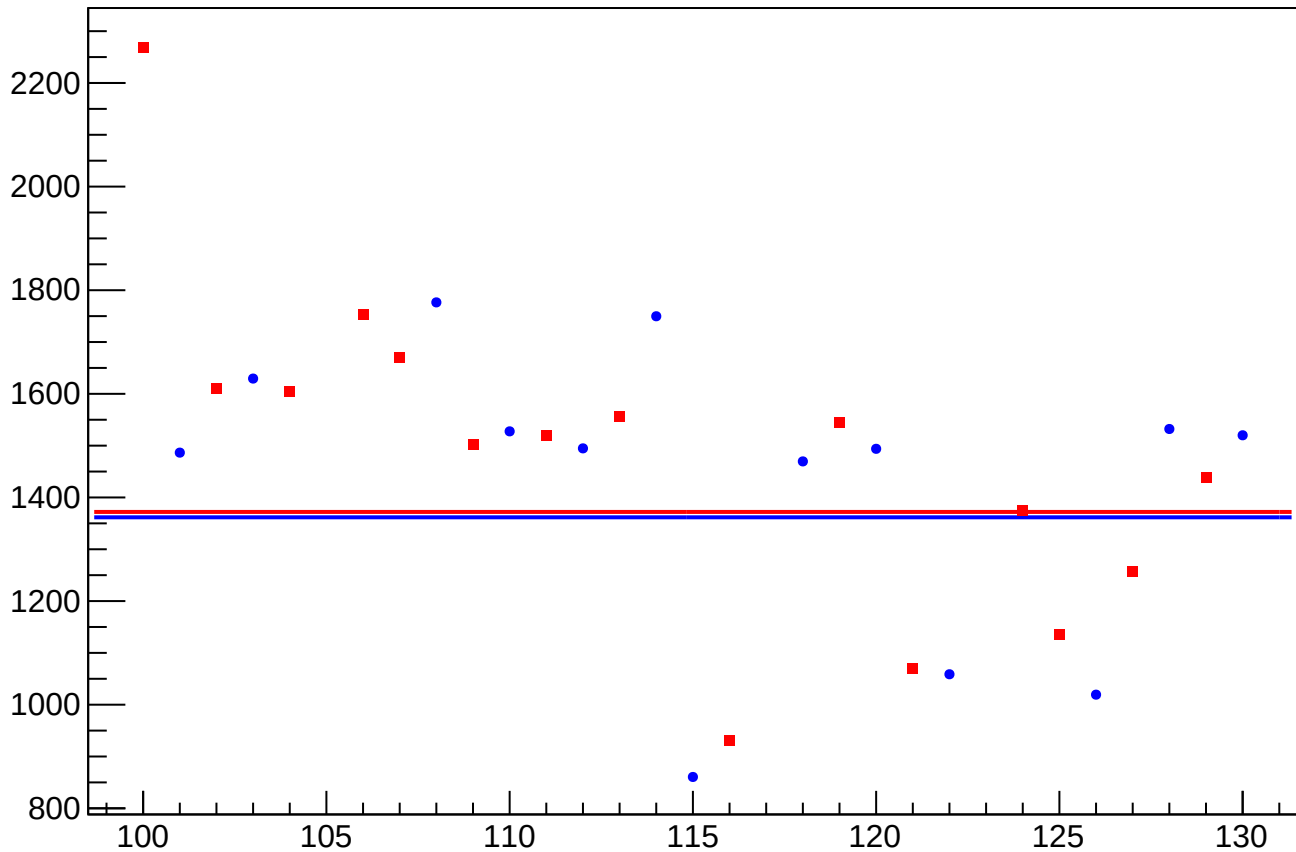
Right: -589.573 $\pm$ 412.682 χ^2 /NDF: 24.7/27

In: 111.154 $\pm$ 592.096 χ^2 /NDF:13.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -589.573 $\pm$ 412.682 χ^2 /NDF: 24.7/27

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 1361.656+/-0.419 χ^2/NDF : 401414.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1372.049+/-0.407 χ^2/NDF : 383193.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

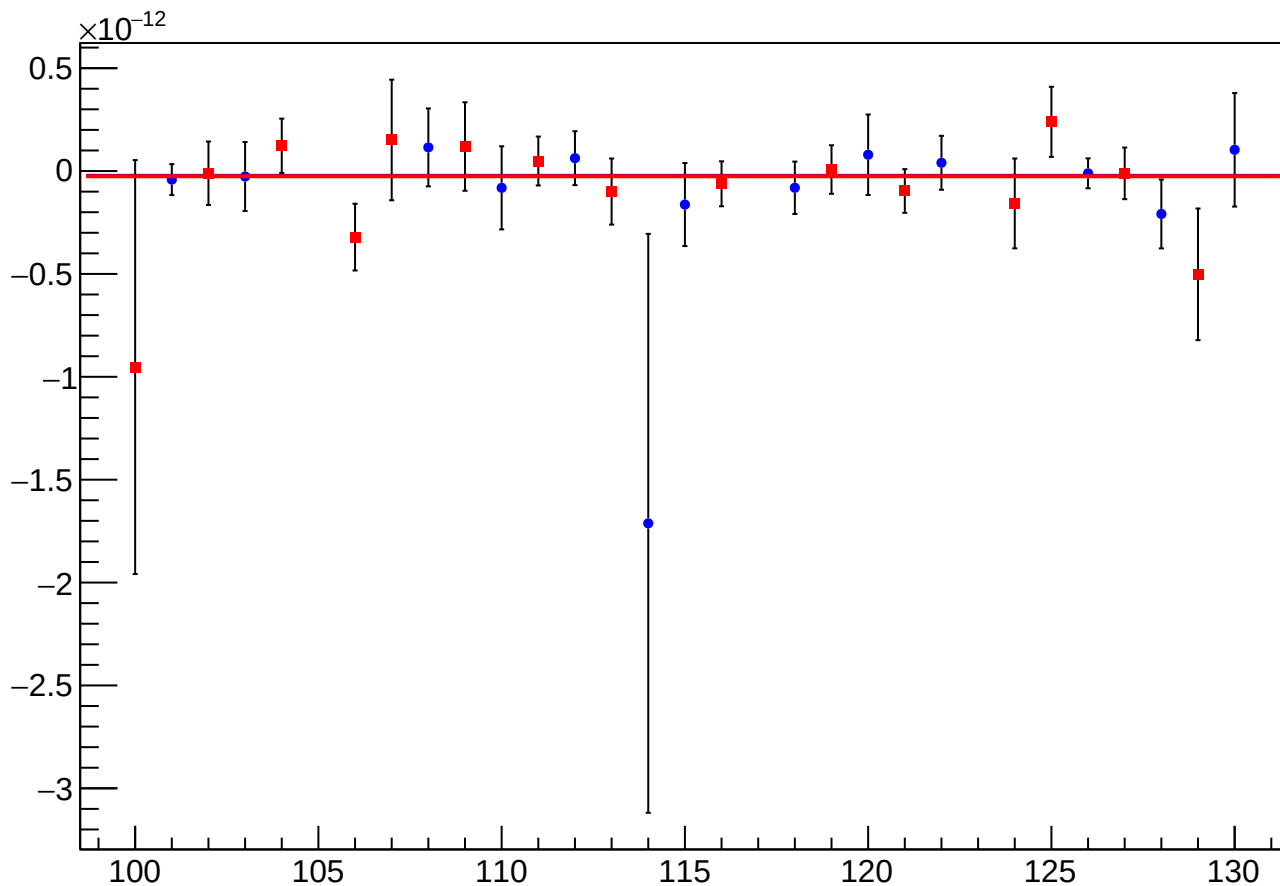
Right: 1367.000+/-0.292 χ^2/NDF : 784925.4/27

In: 1361.656+/-0.419 χ^2/NDF : 401414.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1367.000+/-0.292 χ^2/NDF : 784925.4/27

asym_sam_3726_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

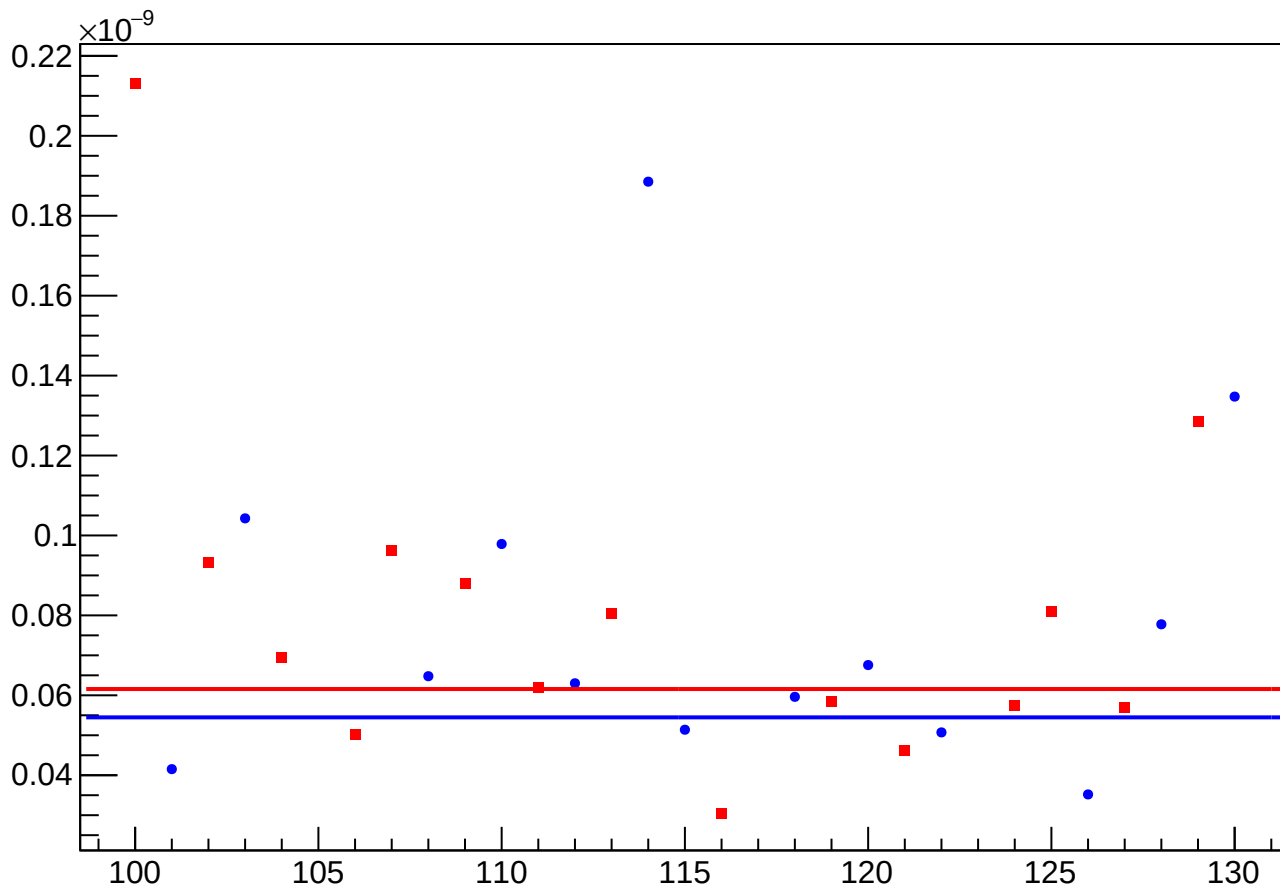
Right: -0.000+/-0.000 χ^2/NDF : 17.7/27

In: -0.000+/-0.000 χ^2/NDF : 5.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.7/27

asym_sam_3726_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 723040.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 555075.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

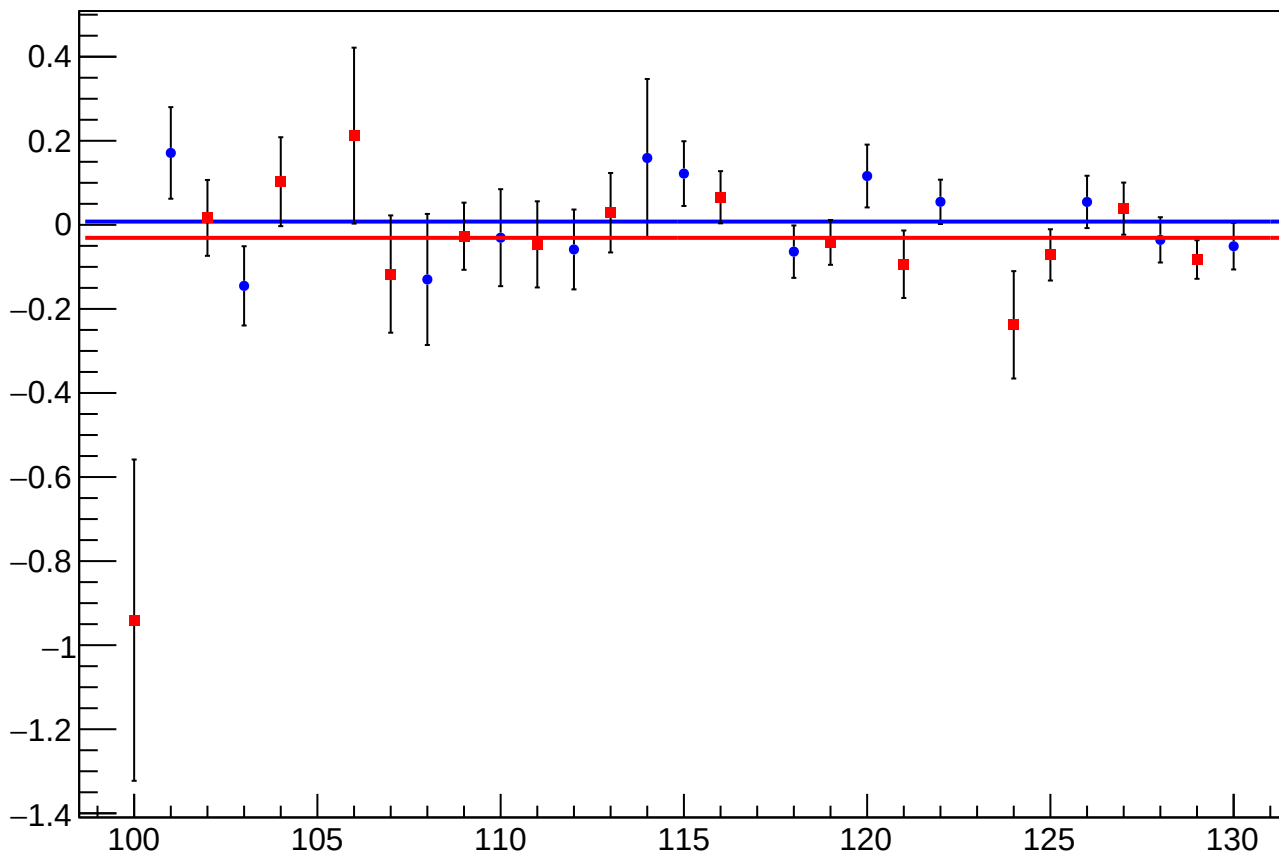
Right: 0.000+/-0.000 χ^2/NDF : 1312884.2/27

In: 0.000+/-0.000 χ^2/NDF : 723040.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1312884.2/27

asym_sam_3726_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008+/-0.021 χ^2/NDF : 15.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.031+/-0.020 χ^2/NDF : 18.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

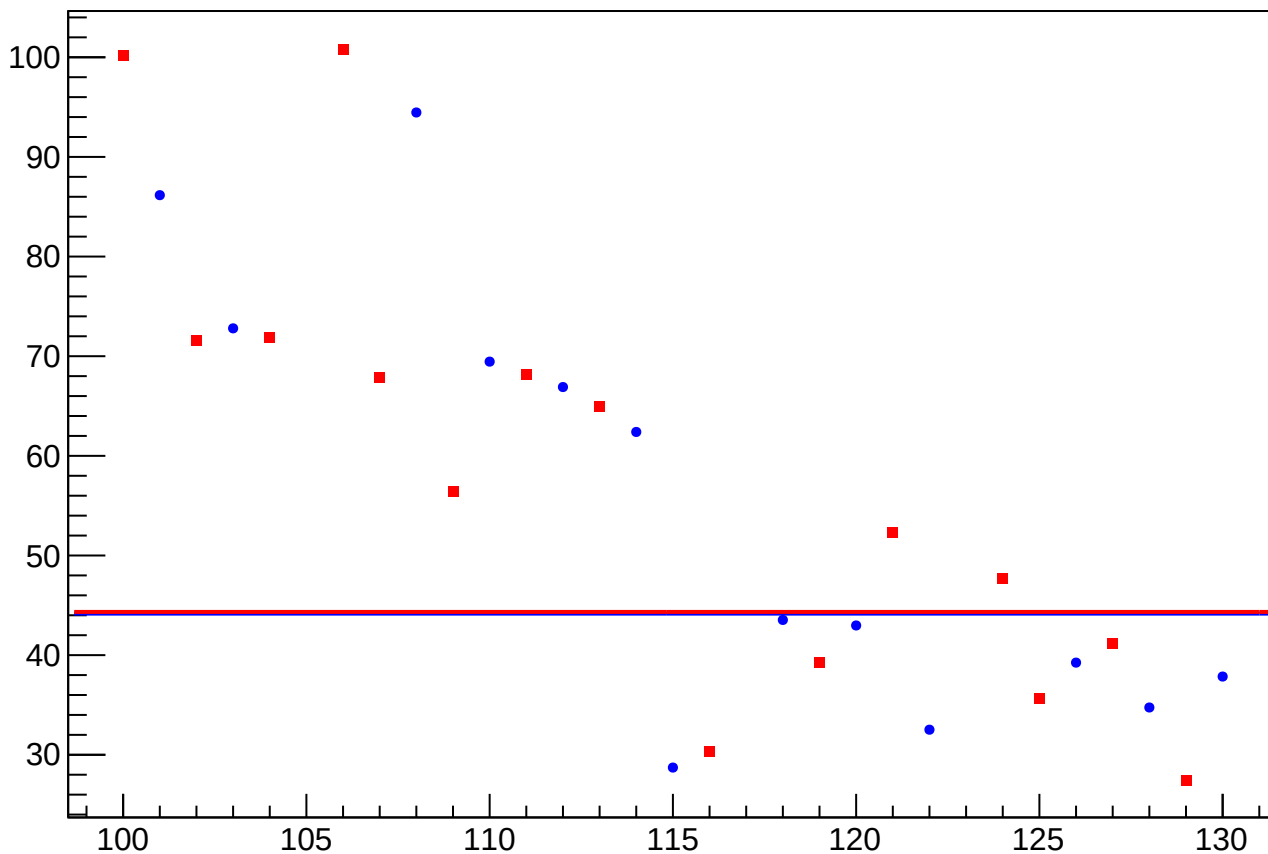
Right: -0.012+/-0.014 χ^2/NDF : 35.8/27

In: 0.008+/-0.021 χ^2/NDF : 15.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.012+/-0.014 χ^2/NDF : 35.8/27

asym_sam_3726_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.168+/-0.015 χ^2/NDF : 1197808.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.338+/-0.014 χ^2/NDF : 1270151.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

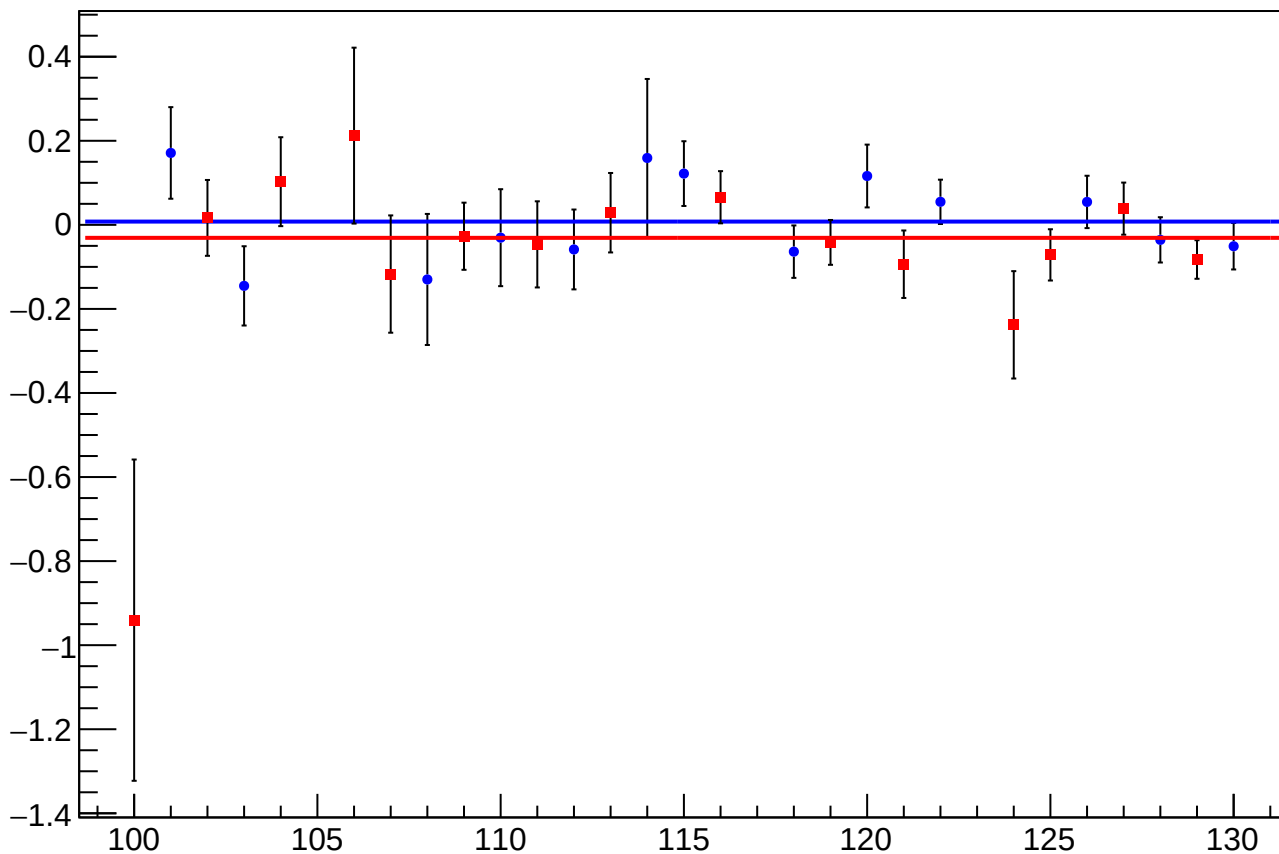
Right: 44.256+/-0.010 χ^2/NDF : 2468029.8/27

In: 44.168+/-0.015 χ^2/NDF : 1197808.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.256+/-0.010 χ^2/NDF : 2468029.8/27

asym_sam_3726_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.021 χ^2 /NDF: 15.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.031 $\pm$ 0.020 χ^2 /NDF: 18.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

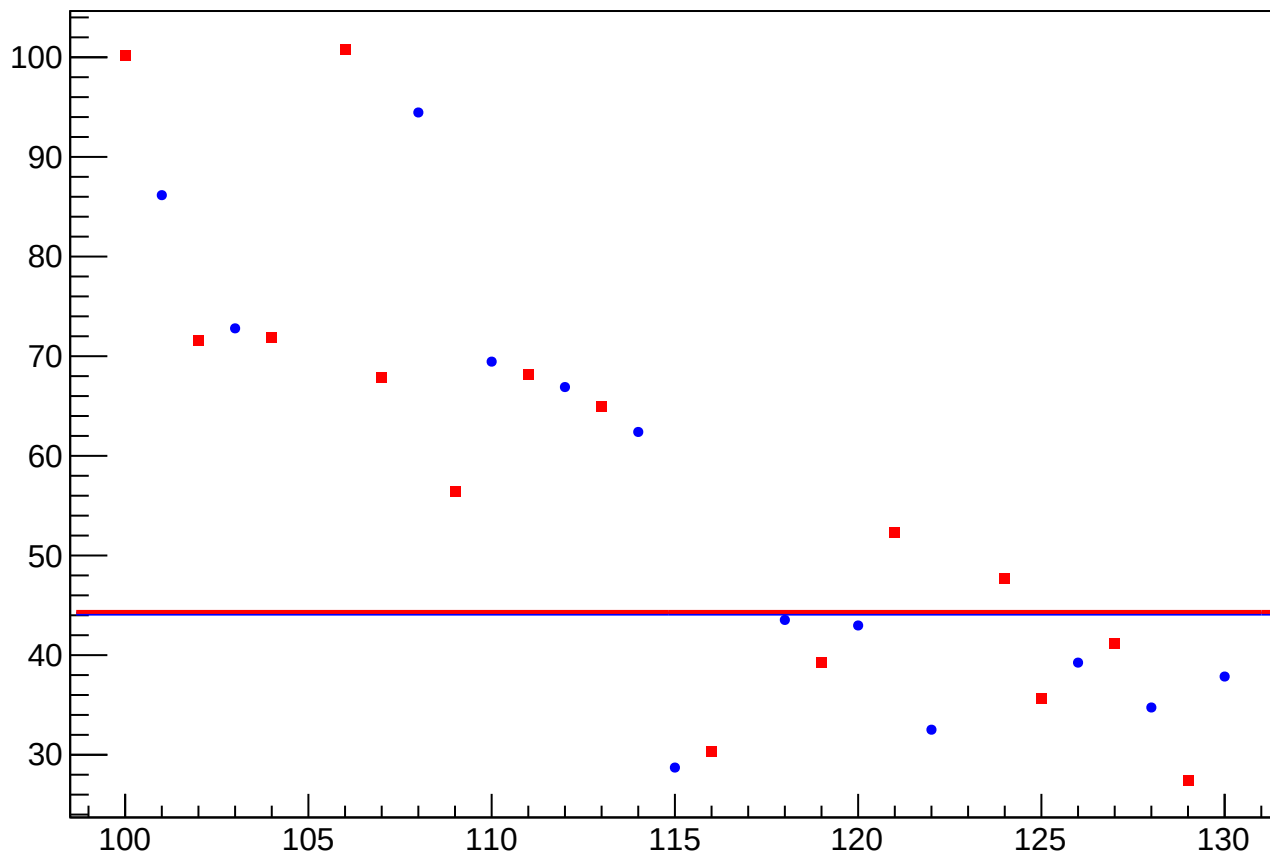
Right: -0.012 $\pm$ 0.014 χ^2 /NDF: 35.8/27

In: 0.008 $\pm$ 0.021 χ^2 /NDF:15.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.012 $\pm$ 0.014 χ^2 /NDF: 35.8/27

asym_sam_3726_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.168+/-0.015 χ^2/NDF : 1197808.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.338+/-0.014 χ^2/NDF : 1270151.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

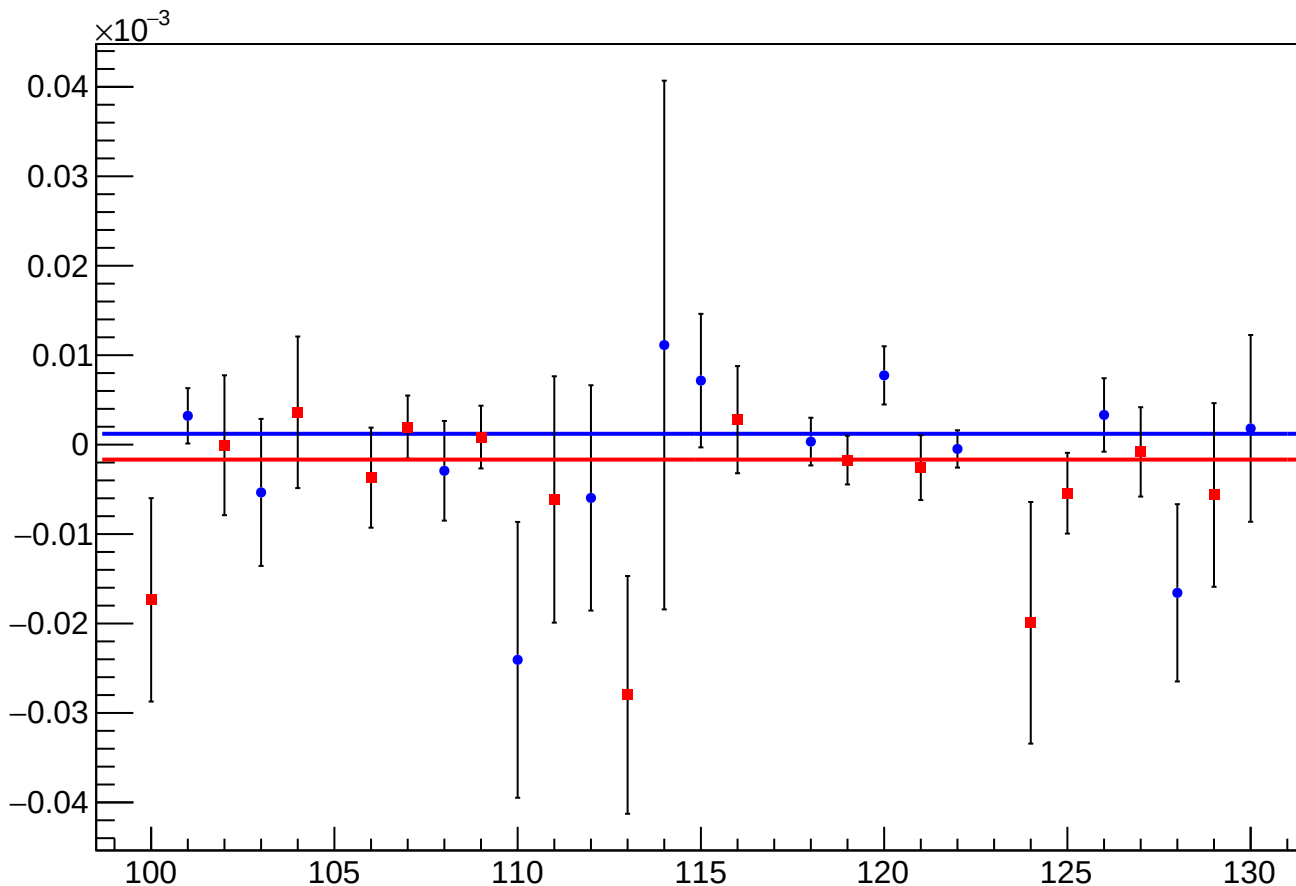
Right: 44.256+/-0.010 χ^2/NDF : 2468029.8/27

In: 44.168+/-0.015 χ^2/NDF : 1197808.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.256+/-0.010 χ^2/NDF : 2468029.8/27

asym_sam_3726_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

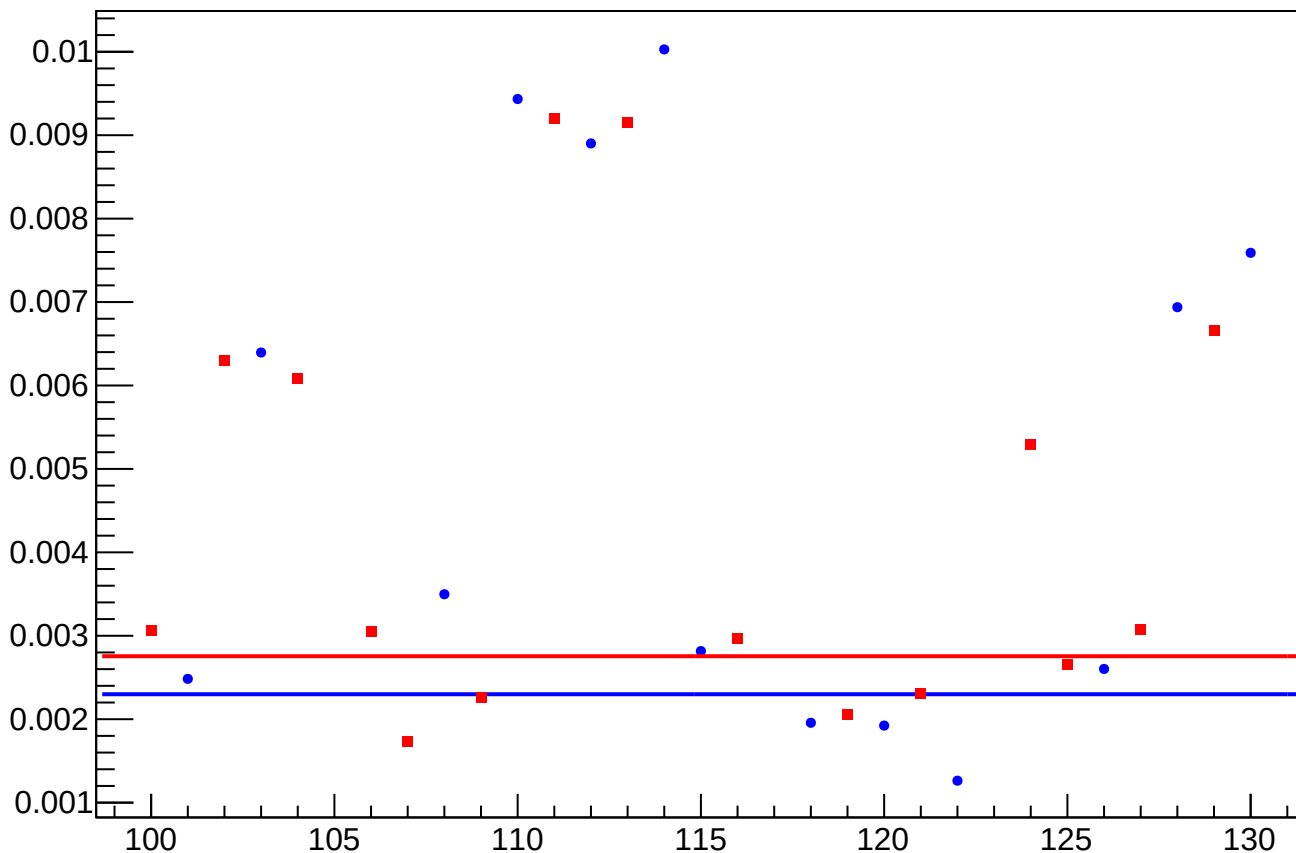
Right: -0.000+/-0.000 χ^2/NDF : 27.7/27

In: 0.000+/-0.000 χ^2/NDF : 13.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.7/27

asym_sam_3726_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000

χ^2/NDF : 3236428.4/12

Left Out: 0.000+/-0.000

χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000

χ^2/NDF : 2369907.1/14

Left In: 0.000+/-0.000

χ^2/NDF :0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.003+/-0.000

χ^2/NDF : 5740842.8/27

In: 0.002+/-0.000

χ^2/NDF :3236428.4/12

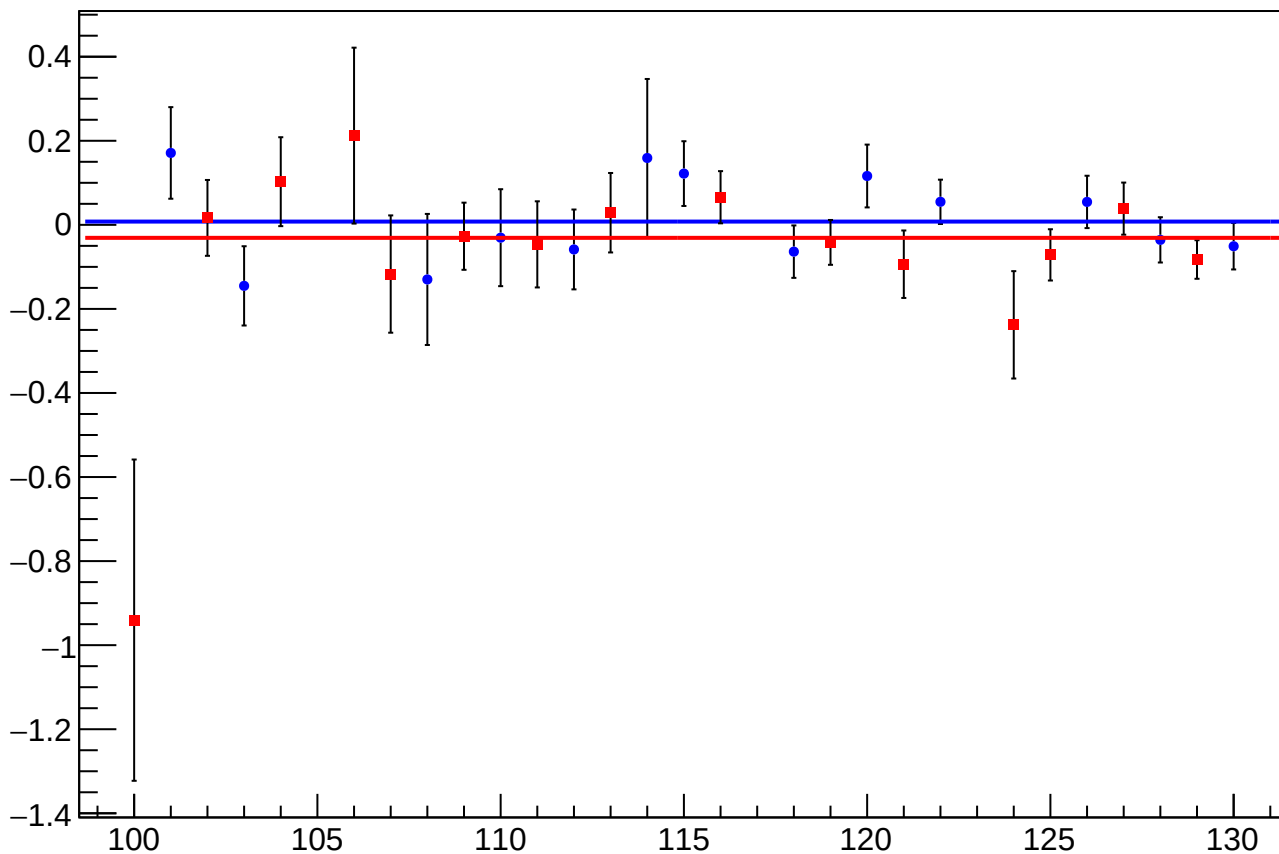
Out: 0.000+/-0.000

χ^2/NDF :0.0/0

All: 0.003+/-0.000

χ^2/NDF : 5740842.8/27

asym_sam_3726_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.021 χ^2 /NDF: 15.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.031 $\pm$ 0.020 χ^2 /NDF: 18.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

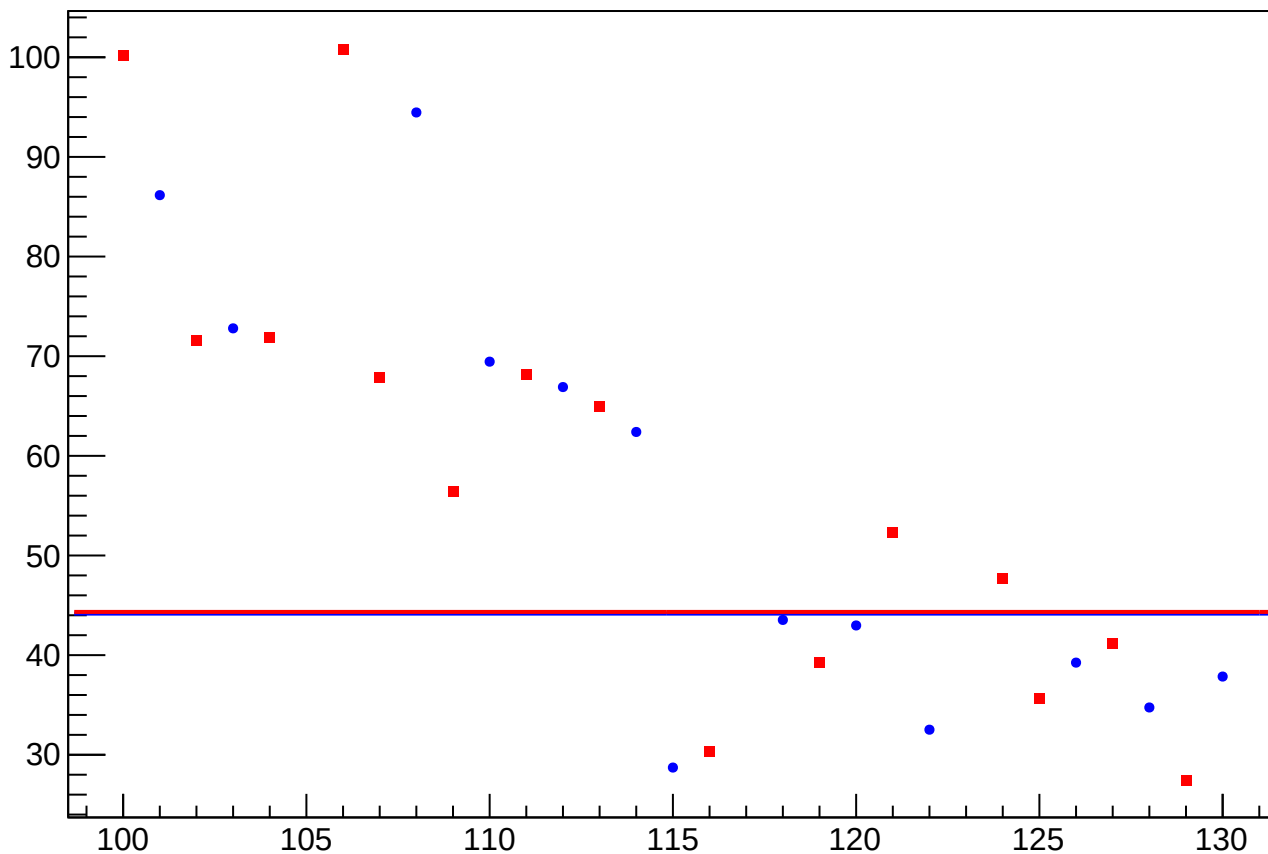
Right: -0.012 $\pm$ 0.014 χ^2 /NDF: 35.8/27

In: 0.008 $\pm$ 0.021 χ^2 /NDF:15.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.012 $\pm$ 0.014 χ^2 /NDF: 35.8/27

asym_sam_3726_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.169+/-0.015 χ^2/NDF : 1197766.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.339+/-0.014 χ^2/NDF : 1270130.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

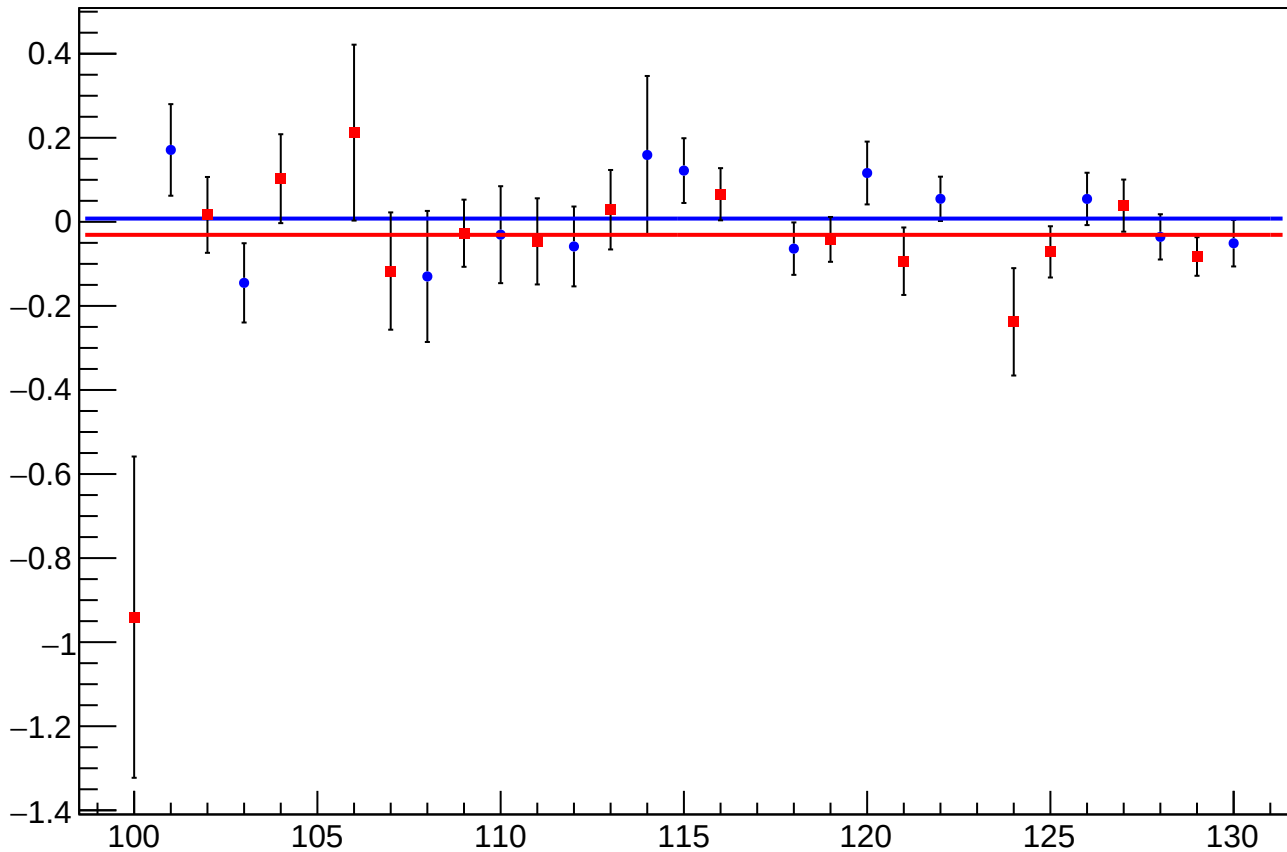
Right: 44.256+/-0.010 χ^2/NDF : 2467966.4/27

In: 44.169+/-0.015 χ^2/NDF : 1197766.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.256+/-0.010 χ^2/NDF : 2467966.4/27

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.021 χ^2 /NDF: 15.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.031 $\pm$ 0.020 χ^2 /NDF: 18.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

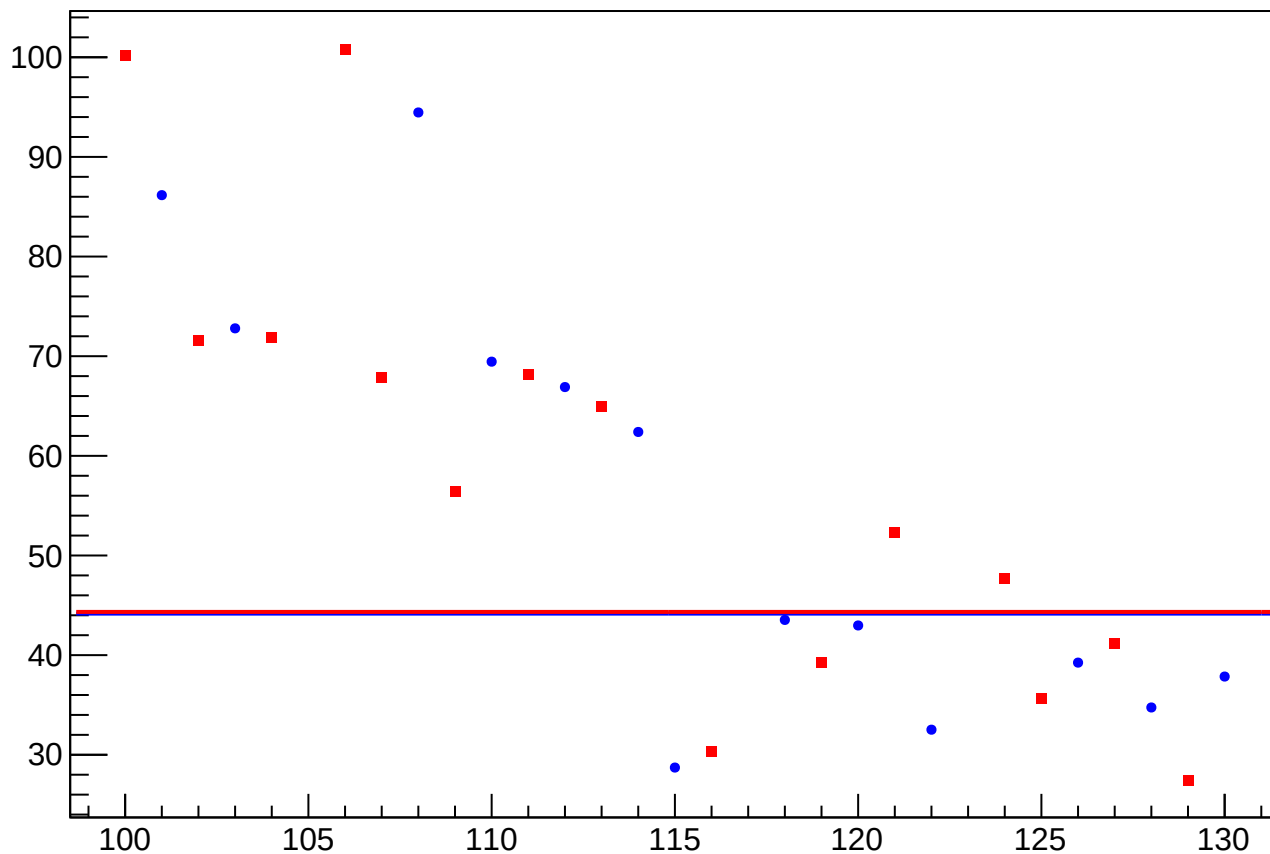
Right: -0.012 $\pm$ 0.014 χ^2 /NDF: 35.8/27

In: 0.008 $\pm$ 0.021 χ^2 /NDF:15.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.012 $\pm$ 0.014 χ^2 /NDF: 35.8/27

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.169+/-0.015 χ^2/NDF : 1197766.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.339+/-0.014 χ^2/NDF : 1270130.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

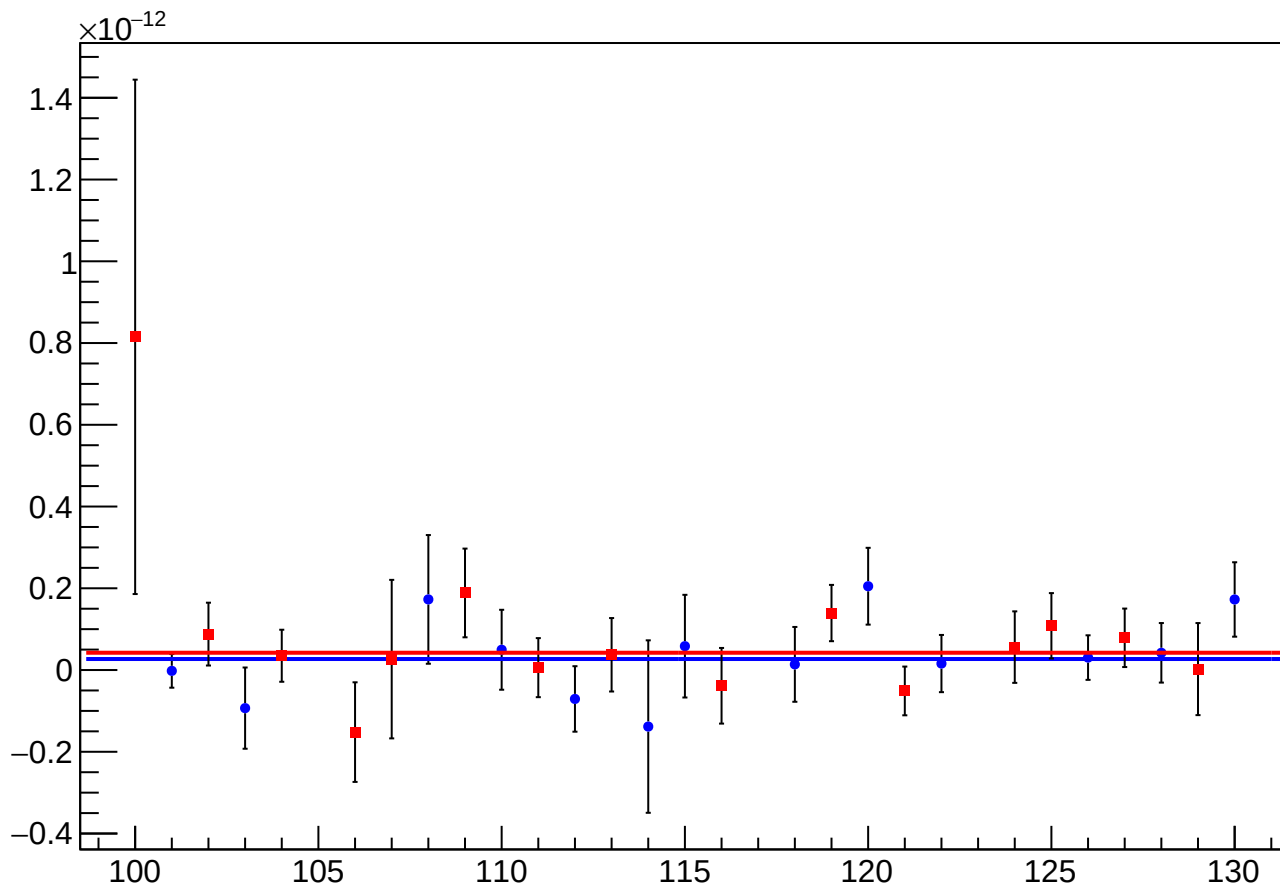
Right: 44.256+/-0.010 χ^2/NDF : 2467966.4/27

In: 44.169+/-0.015 χ^2/NDF : 1197766.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.256+/-0.010 χ^2/NDF : 2467966.4/27

asym_sam_3726_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

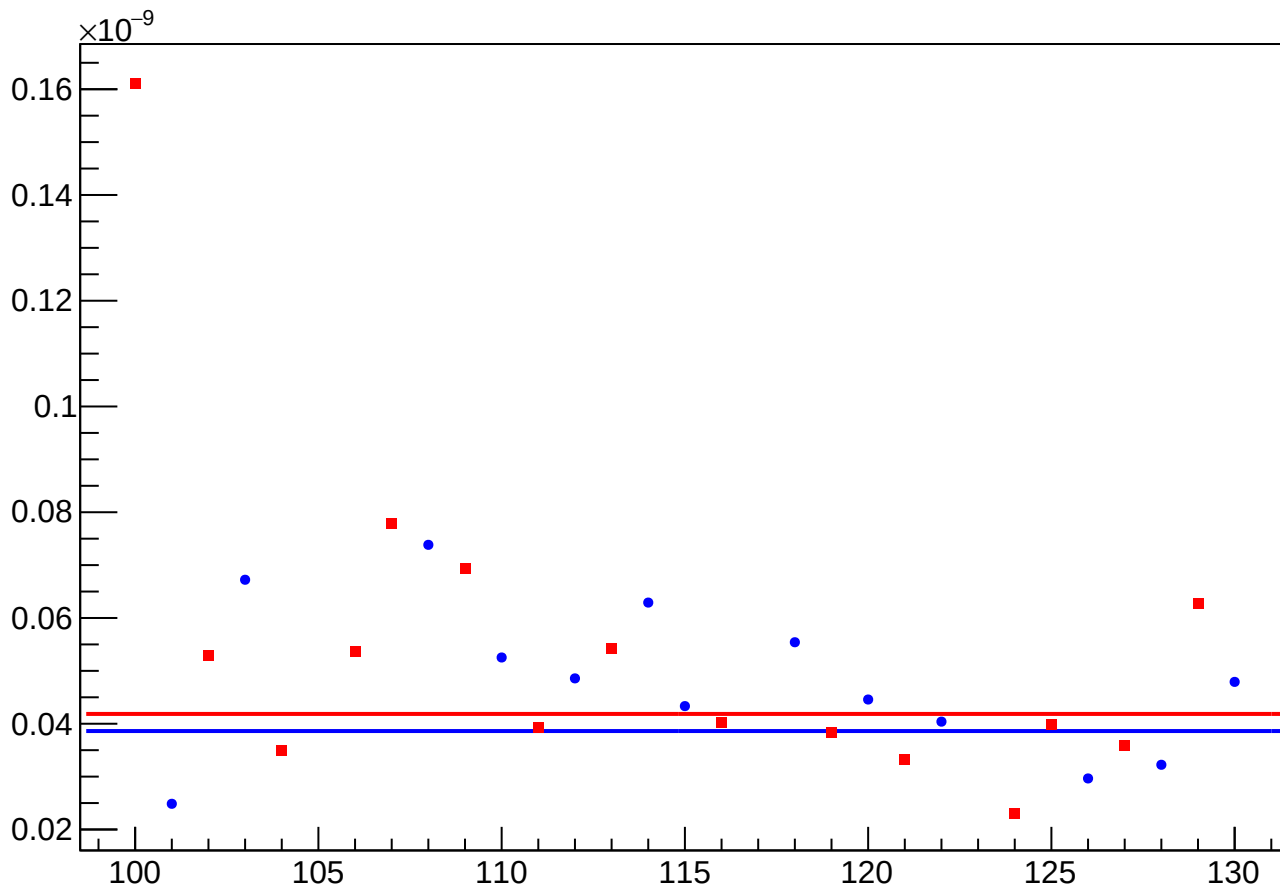
Right: 0.000+/-0.000 χ^2/NDF : 24.3/27

In: 0.000+/-0.000 χ^2/NDF : 11.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.3/27

asym_sam_3726_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 757017.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 617641.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

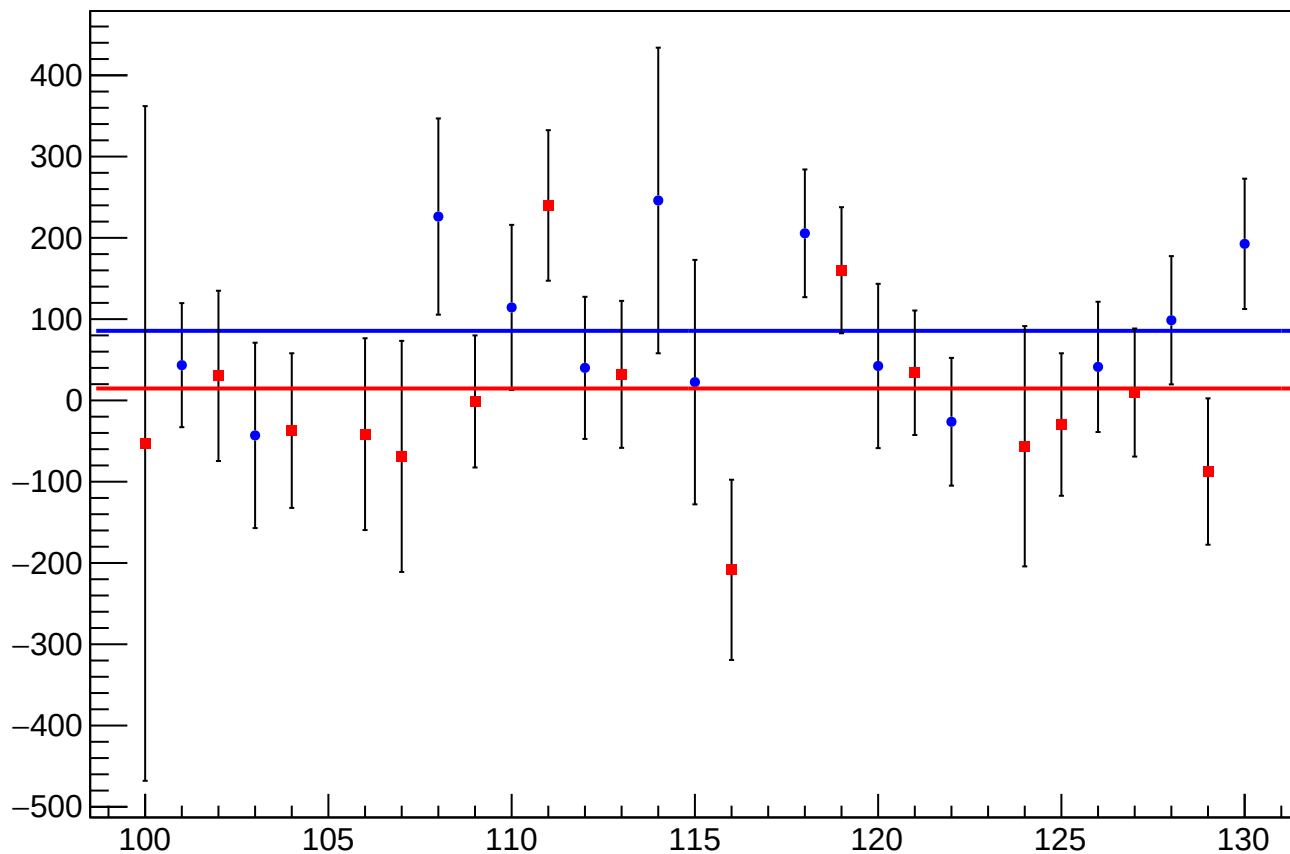
Right: 0.000+/-0.000 χ^2/NDF : 1396872.5/27

In: 0.000+/-0.000 χ^2/NDF : 757017.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1396872.5/27

reg_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 85.610 $\pm$ 25.725 χ^2 /NDF: 10.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 14.686 $\pm$ 25.018 χ^2 /NDF: 16.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

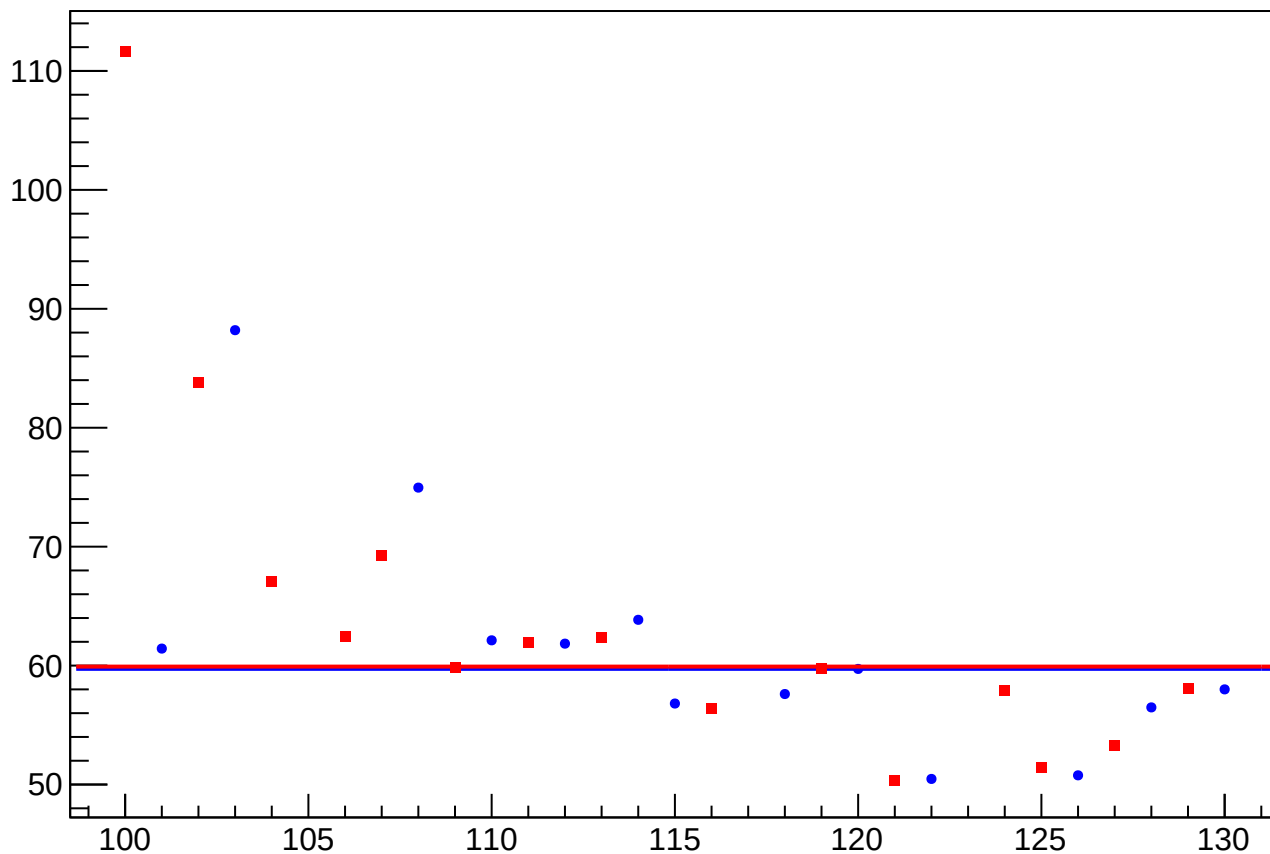
Right: 49.161 $\pm$ 17.935 χ^2 /NDF: 31.1/27

In: 85.610 $\pm$ 25.725 χ^2 /NDF:10.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 49.161 $\pm$ 17.935 χ^2 /NDF: 31.1/27

reg_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 59.727+/-0.018 χ^2/NDF : 220050.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.915+/-0.018 χ^2/NDF : 225658.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

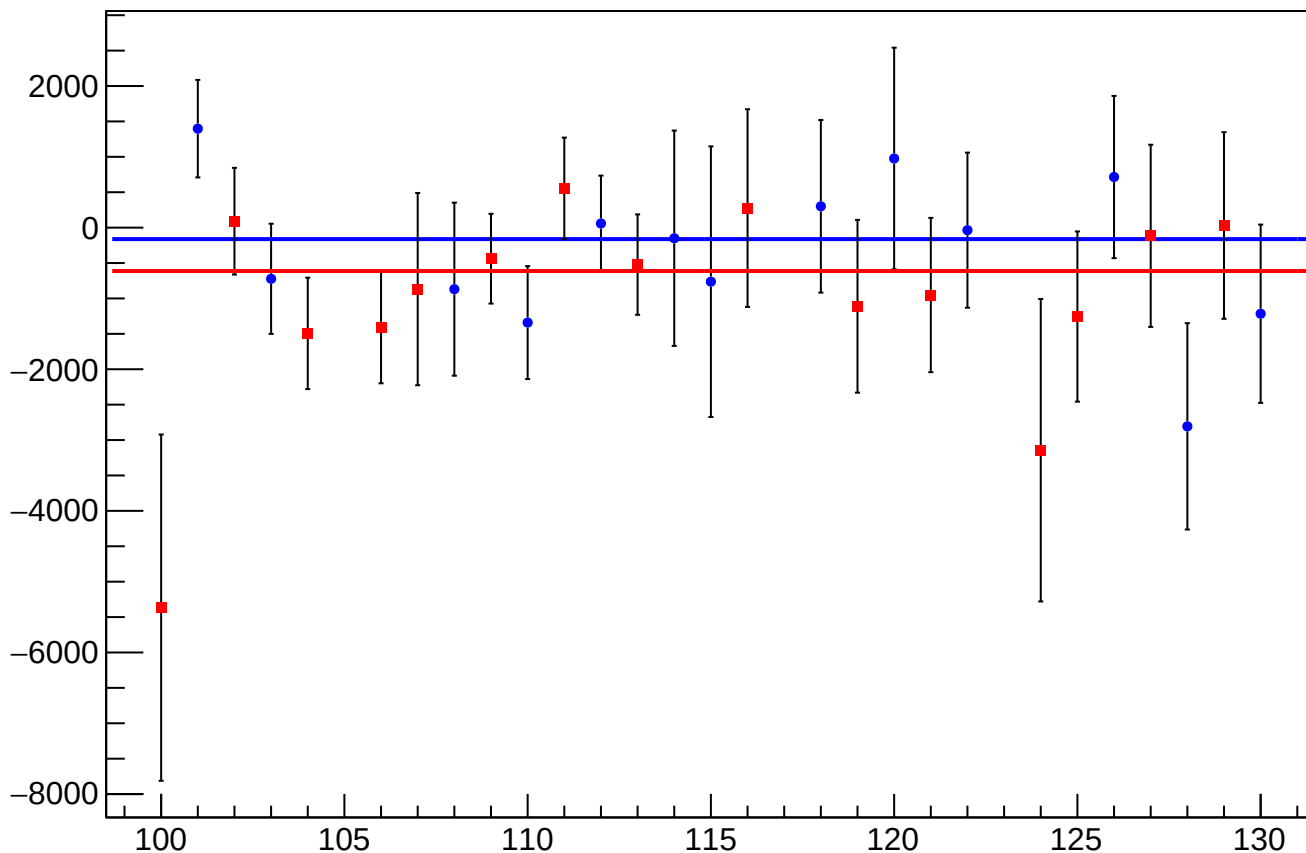
Right: 59.823+/-0.013 χ^2/NDF : 445764.0/27

In: 59.727+/-0.018 χ^2/NDF : 220050.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.823+/-0.013 χ^2/NDF : 445764.0/27

asym_sam_15_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -162.124 ± 280.835 χ^2/NDF : 13.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -612.451 ± 248.254 χ^2/NDF : 12.4/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

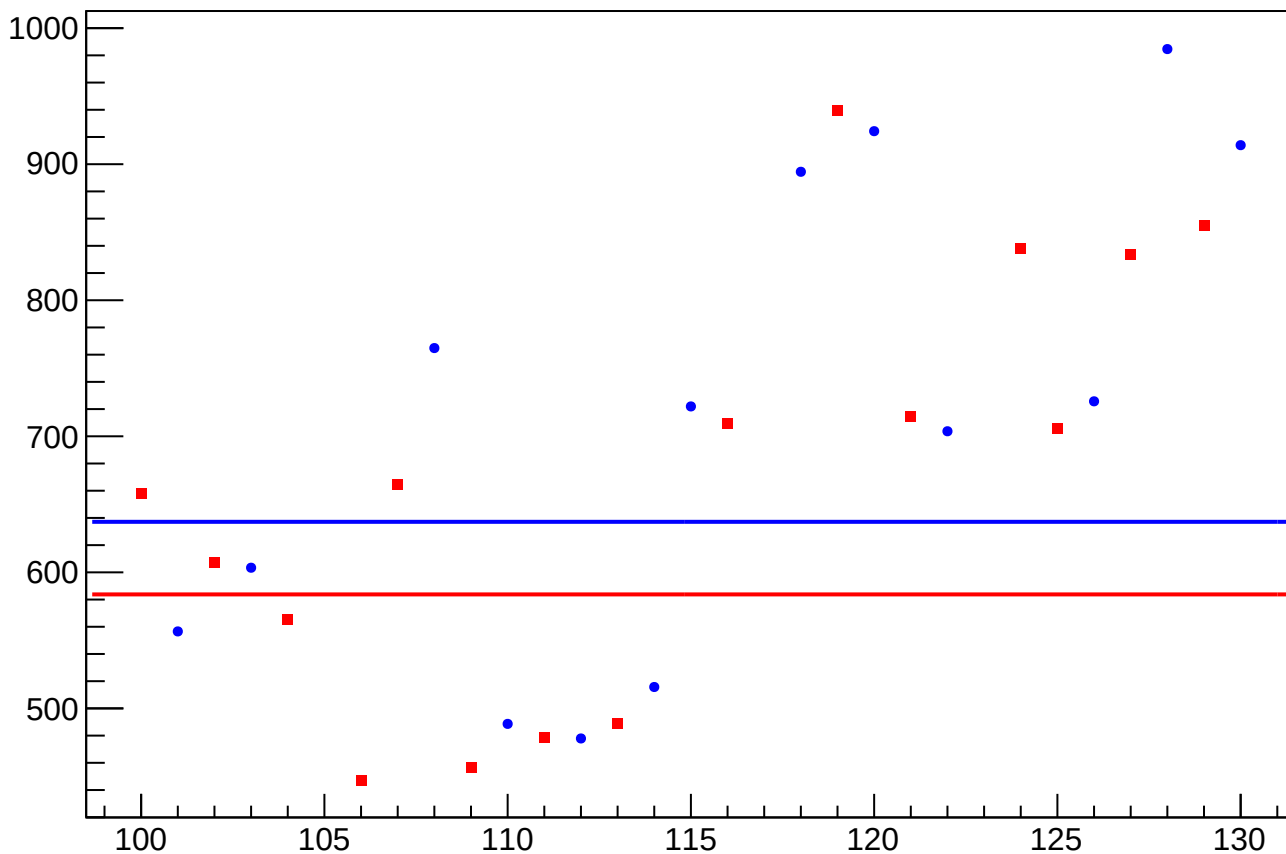
Right: -414.913 ± 186.000 χ^2/NDF : 27.5/27

In: -162.124 ± 280.835 χ^2/NDF : 13.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -414.913 ± 186.000 χ^2/NDF : 27.5/27

asym_sam_15_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 637.139+/-0.199 χ^2/NDF : 636317.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 583.783+/-0.176 χ^2/NDF : 655048.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

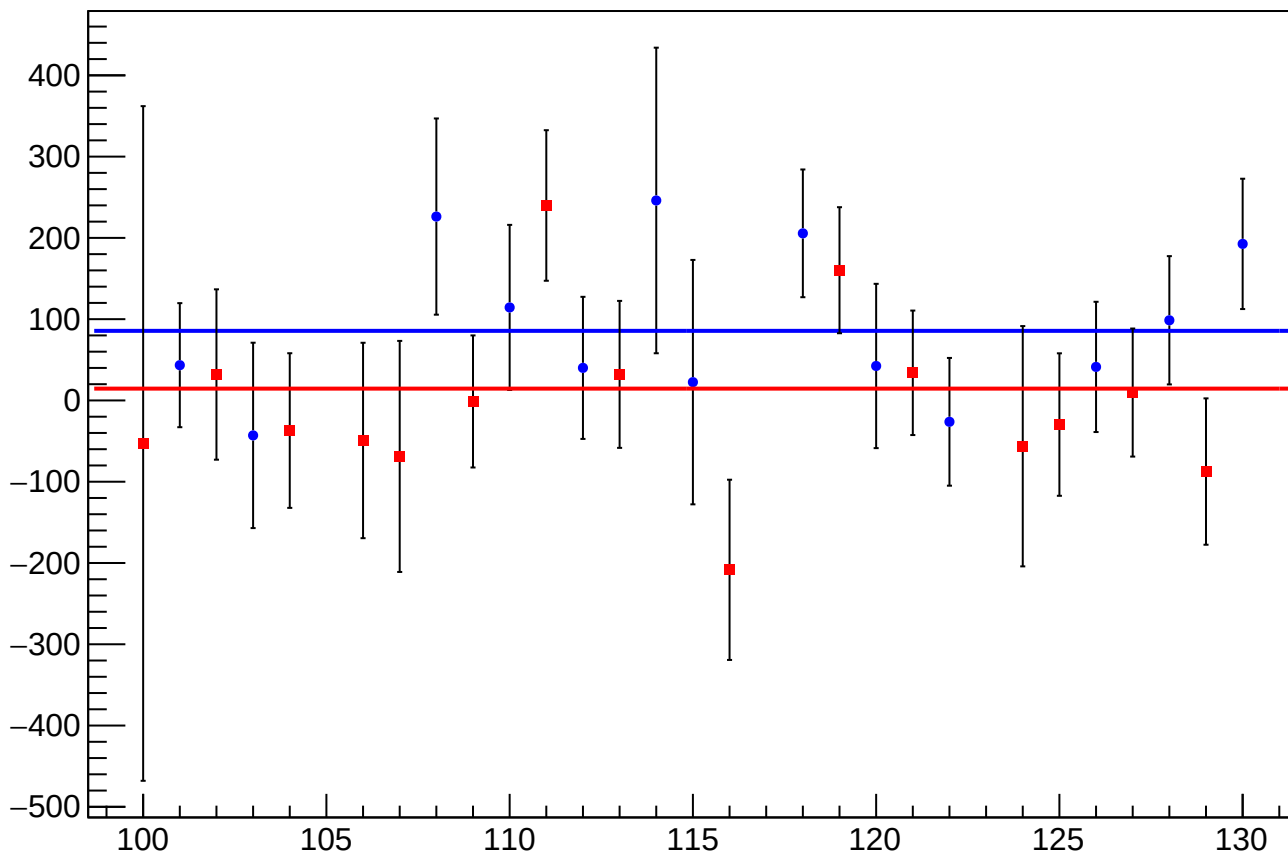
Right: 607.188+/-0.132 χ^2/NDF : 1331890.7/27

In: 637.139+/-0.199 χ^2/NDF : 636317.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 607.188+/-0.132 χ^2/NDF : 1331890.7/27

cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 85.618 $\pm$ 25.725 χ^2 /NDF: 10.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 14.548 $\pm$ 25.039 χ^2 /NDF: 16.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

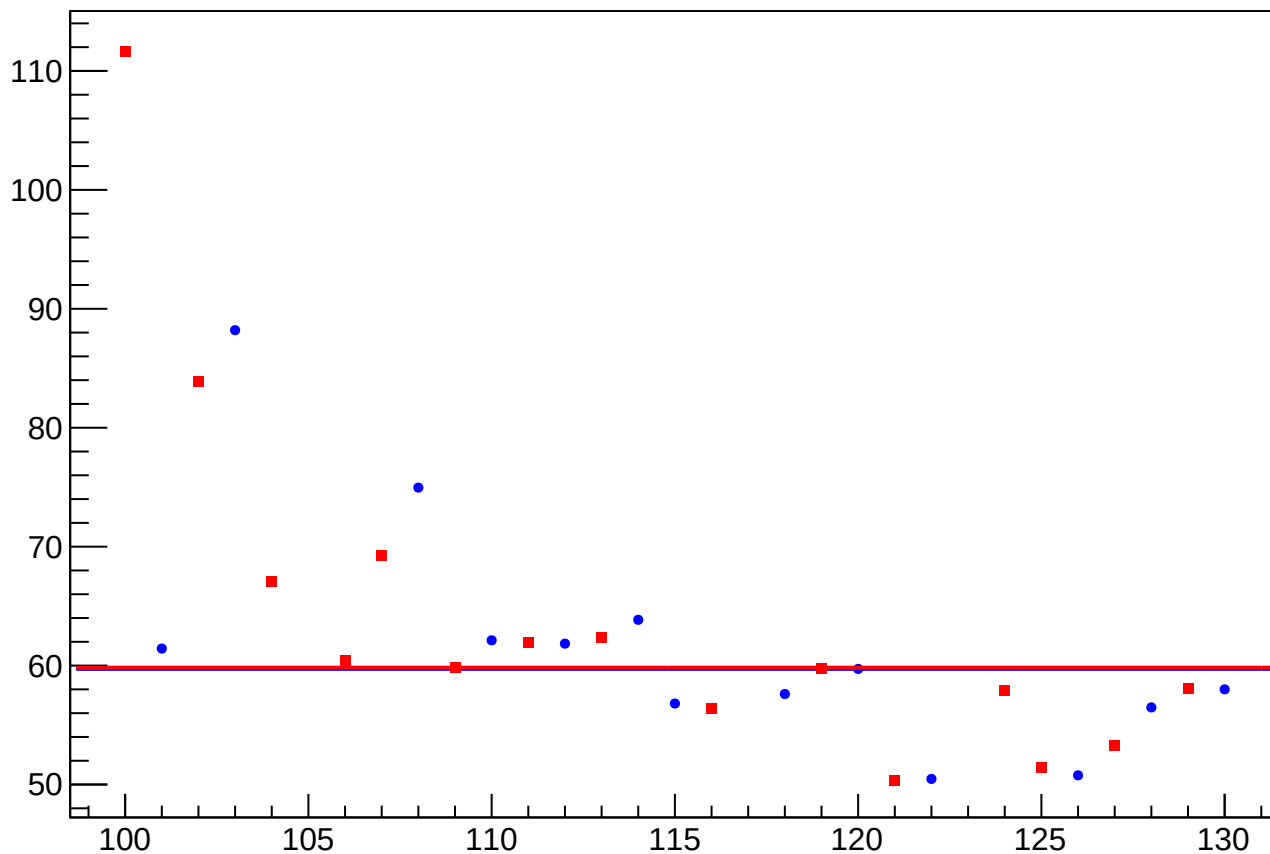
Right: 49.124 $\pm$ 17.943 χ^2 /NDF: 31.1/27

In: 85.618 $\pm$ 25.725 χ^2 /NDF:10.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 49.124 $\pm$ 17.943 χ^2 /NDF: 31.1/27

cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 59.727+/-0.018 χ^2/NDF : 220053.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.823+/-0.018 χ^2/NDF : 224962.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

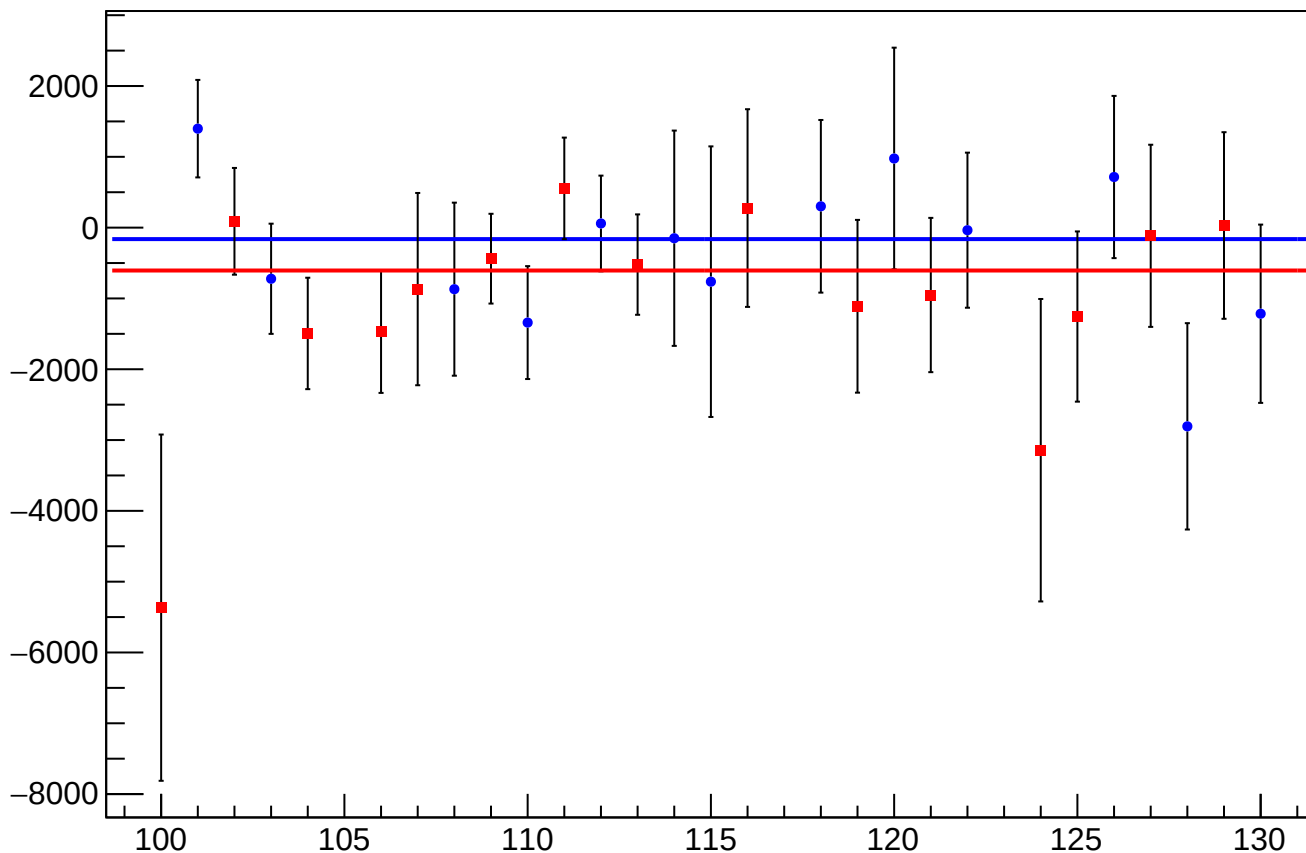
Right: 59.776+/-0.013 χ^2/NDF : 445031.1/27

In: 59.727+/-0.018 χ^2/NDF : 220053.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.776+/-0.013 χ^2/NDF : 445031.1/27

asym_sam_15_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -162.076+/-280.838 χ^2 /NDF: 13.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -605.572+/-250.229 χ^2 /NDF: 12.4/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

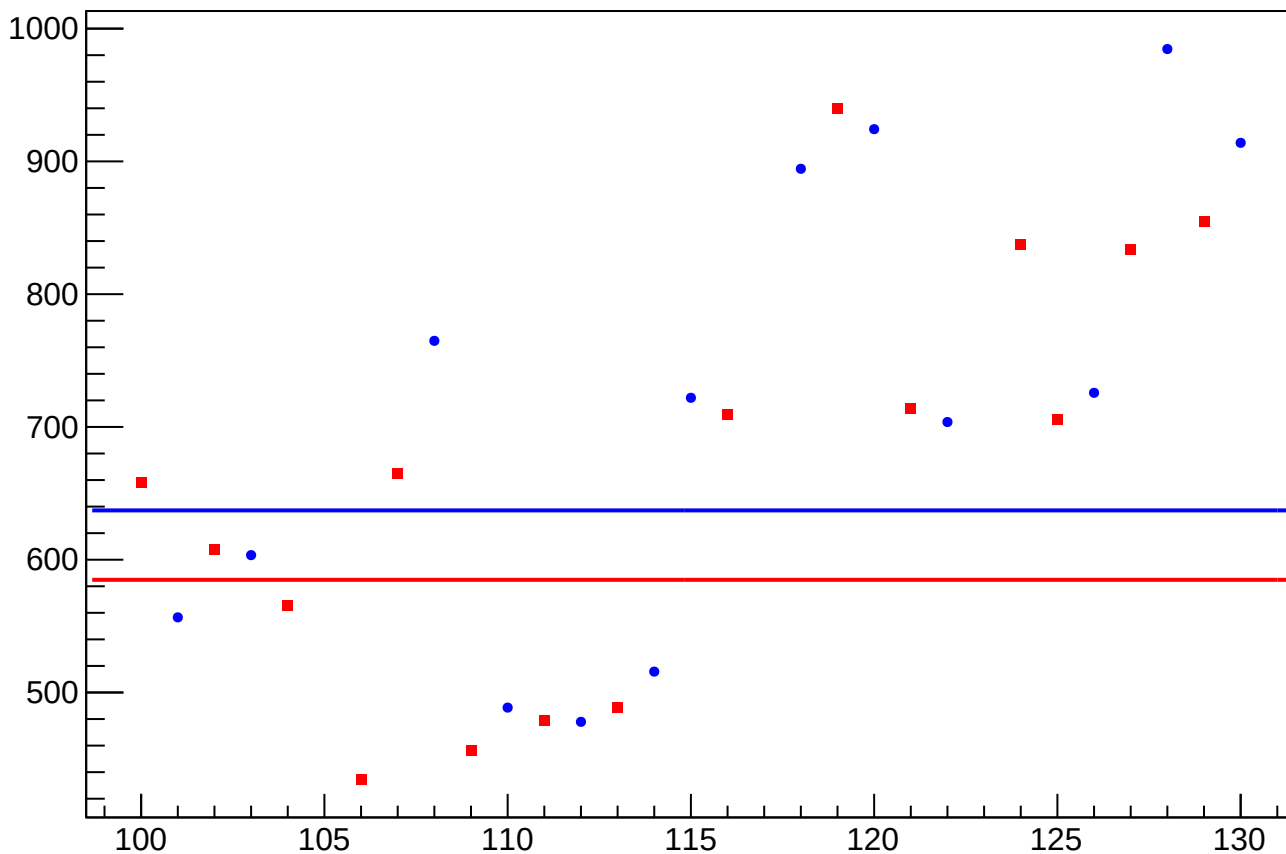
Right: -409.301+/-186.827 χ^2 /NDF: 27.5/27

In: -162.076+/-280.838 χ^2 /NDF:13.6/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -409.301+/-186.827 χ^2 /NDF: 27.5/27

asym_sam_15_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 637.146+/-0.199 χ^2/NDF : 636307.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 584.864+/-0.177 χ^2/NDF : 655792.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

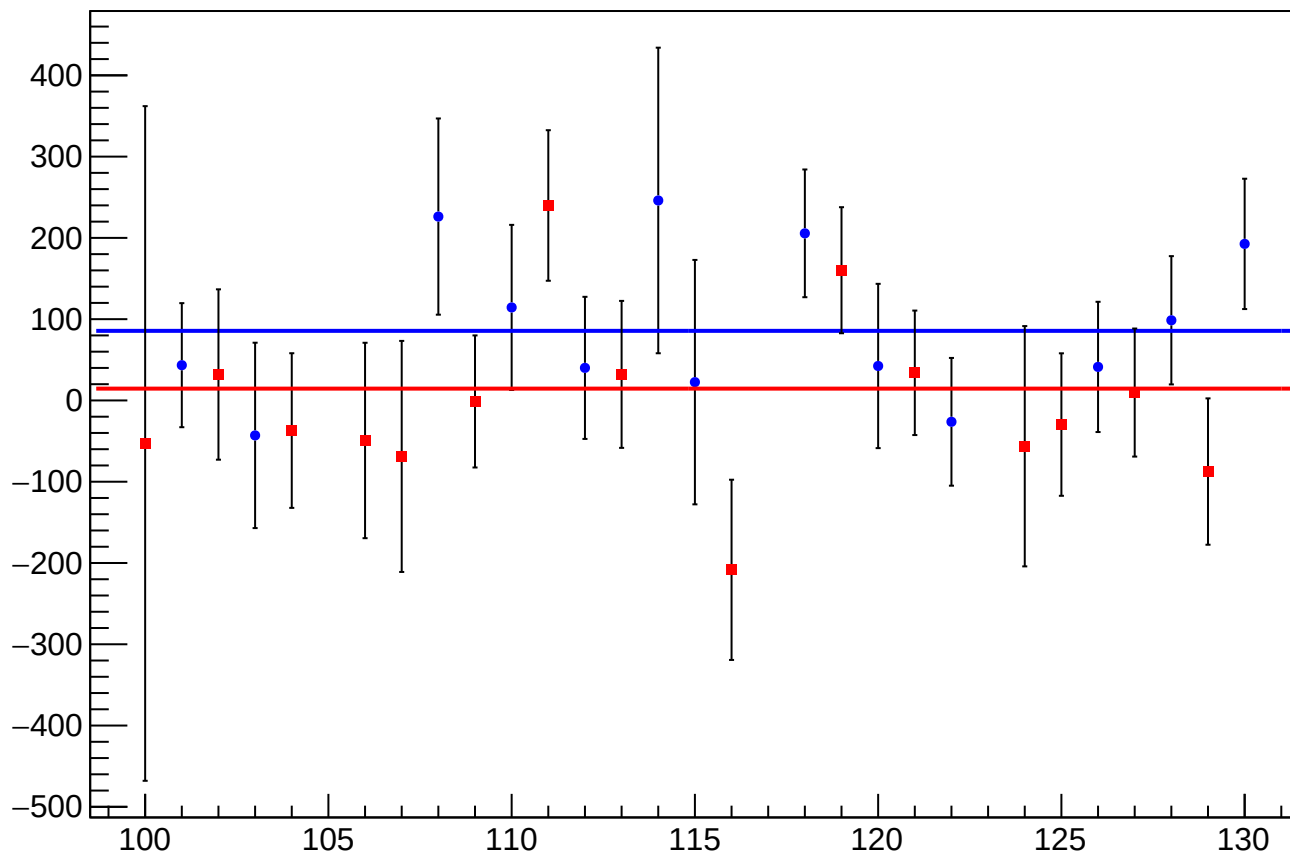
Right: 608.001+/-0.132 χ^2/NDF : 1330737.7/27

In: 637.146+/-0.199 χ^2/NDF : 636307.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 608.001+/-0.132 χ^2/NDF : 1330737.7/27

eigen_cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 85.618 $\pm$ 25.725 χ^2 /NDF: 10.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 14.548 $\pm$ 25.039 χ^2 /NDF: 16.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

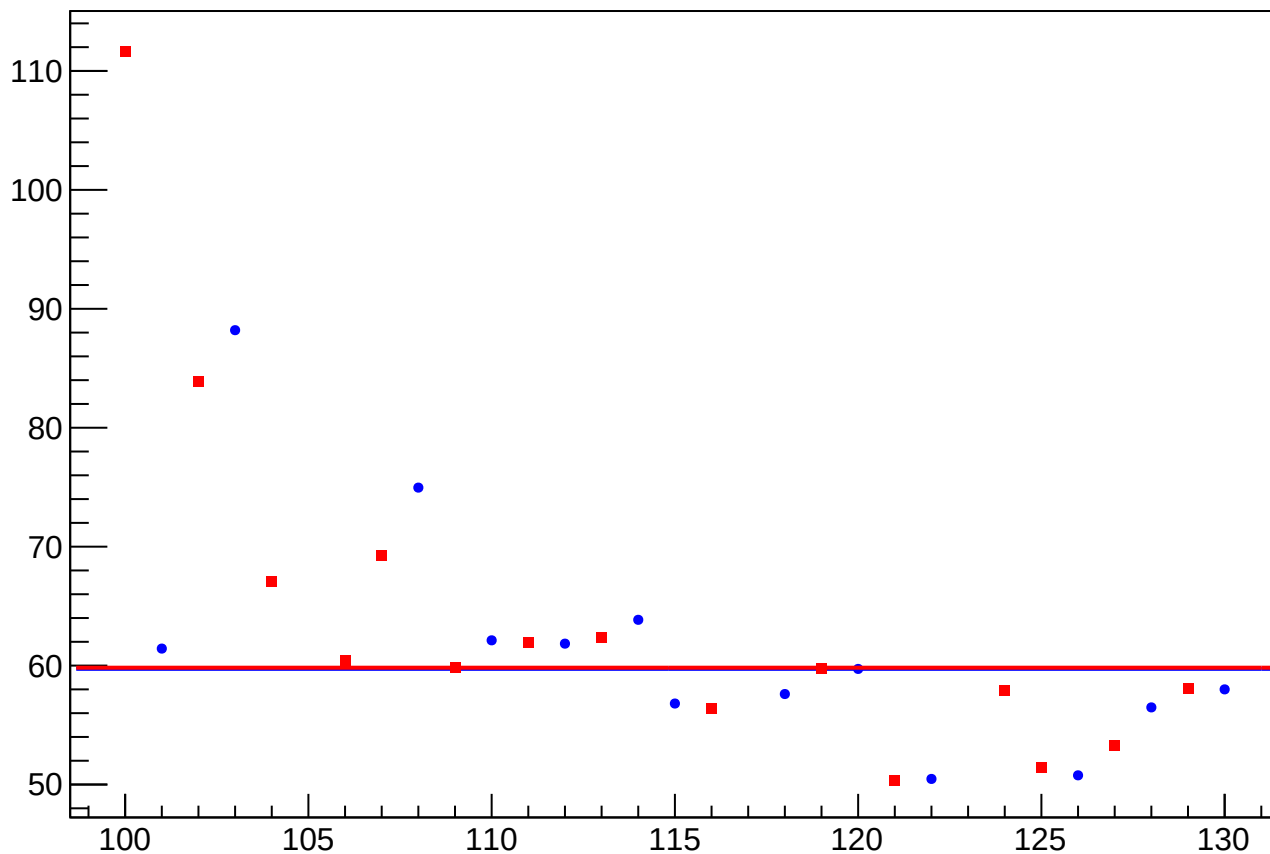
Right: 49.124 $\pm$ 17.943 χ^2 /NDF: 31.1/27

In: 85.618 $\pm$ 25.725 χ^2 /NDF:10.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 49.124 $\pm$ 17.943 χ^2 /NDF: 31.1/27

eigen_cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 59.727+/-0.018 χ^2/NDF : 220053.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.823+/-0.018 χ^2/NDF : 224962.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

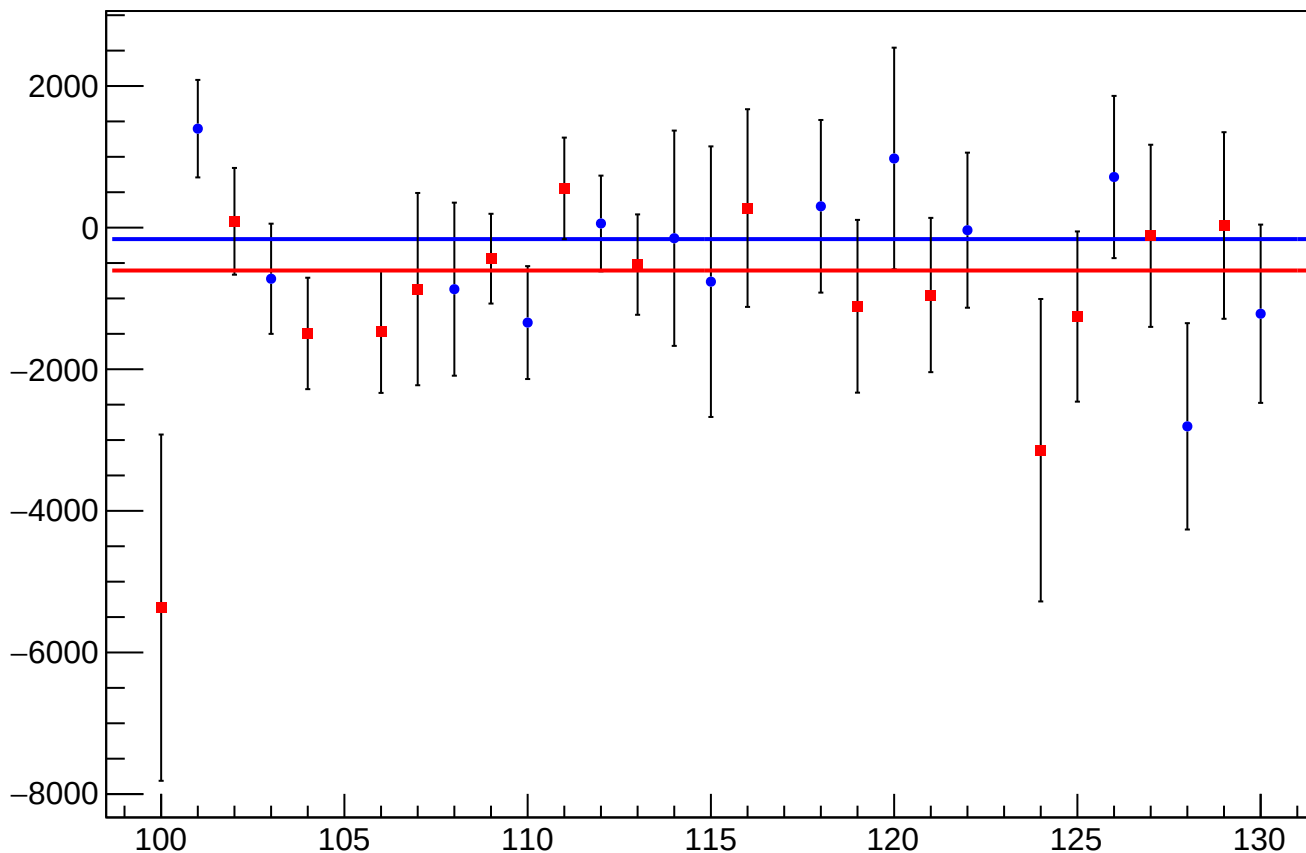
Right: 59.776+/-0.013 χ^2/NDF : 445031.1/27

In: 59.727+/-0.018 χ^2/NDF : 220053.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.776+/-0.013 χ^2/NDF : 445031.1/27

asym_sam_15_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -162.076+/-280.838 χ^2/NDF : 13.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -605.572+/-250.229 χ^2/NDF : 12.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

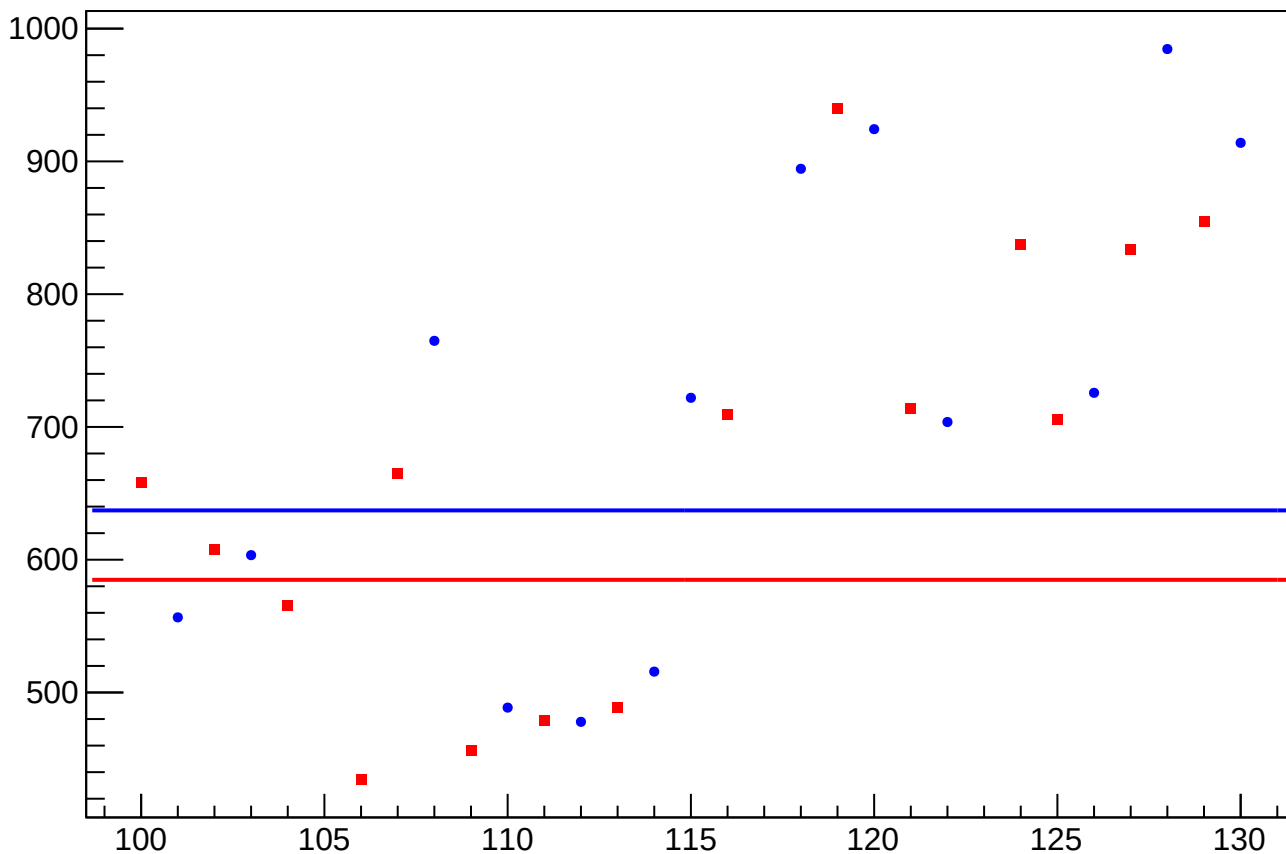
Right: -409.301+/-186.827 χ^2/NDF : 27.5/27

In: -162.076+/-280.838 χ^2/NDF : 13.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -409.301+/-186.827 χ^2/NDF : 27.5/27

asym_sam_15_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 637.146+/-0.199 χ^2/NDF : 636307.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 584.864+/-0.177 χ^2/NDF : 655792.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

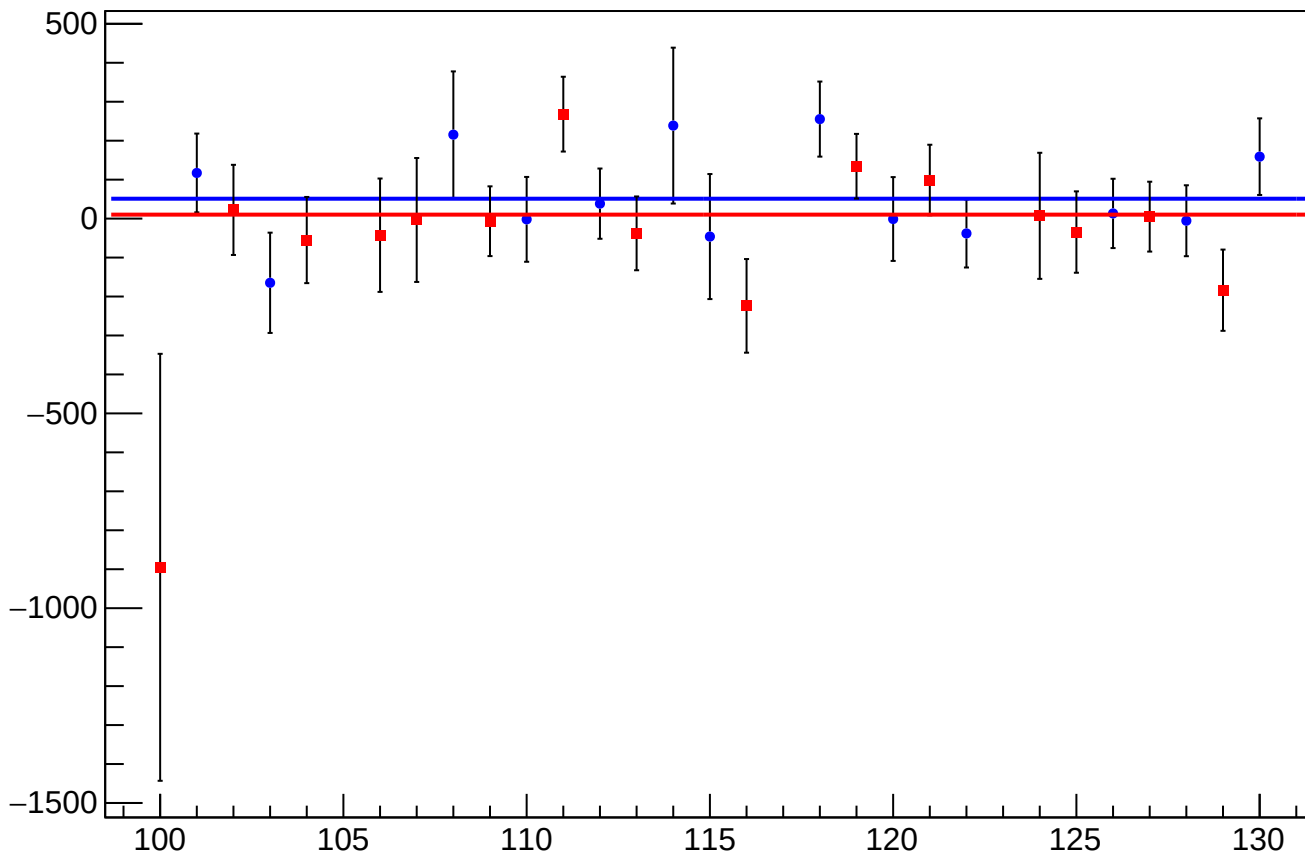
Right: 608.001+/-0.132 χ^2/NDF : 1330737.7/27

In: 637.146+/-0.199 χ^2/NDF : 636307.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 608.001+/-0.132 χ^2/NDF : 1330737.7/27

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 51.050 $\pm$ 29.581 χ^2 /NDF: 13.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 10.192 $\pm$ 28.019 χ^2 /NDF: 21.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

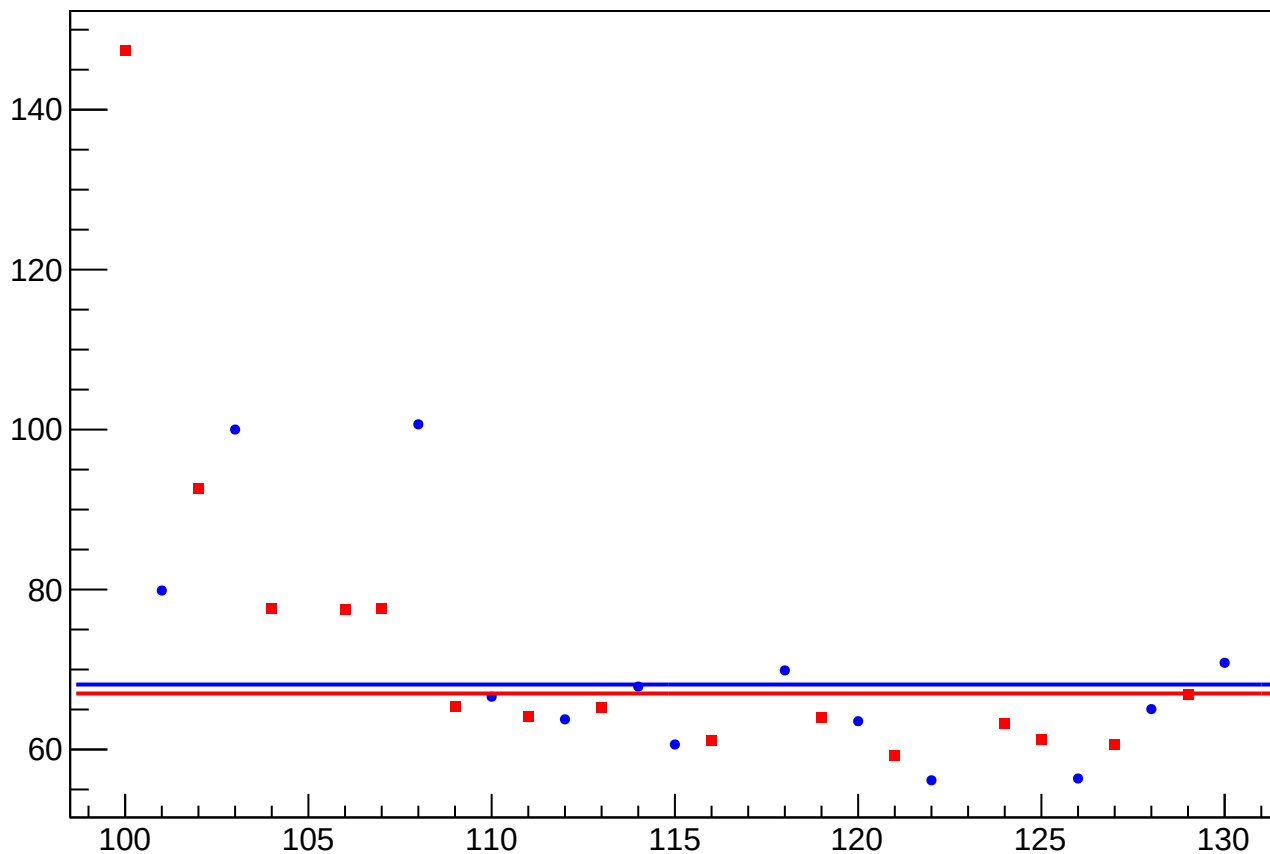
Right: 29.513 $\pm$ 20.342 χ^2 /NDF: 35.7/27

In: 51.050 $\pm$ 29.581 χ^2 /NDF:13.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 29.513 $\pm$ 20.342 χ^2 /NDF: 35.7/27

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 68.124 $\pm$ 0.021 χ^2 /NDF: 319972.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 67.002 $\pm$ 0.020 χ^2 /NDF: 221940.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

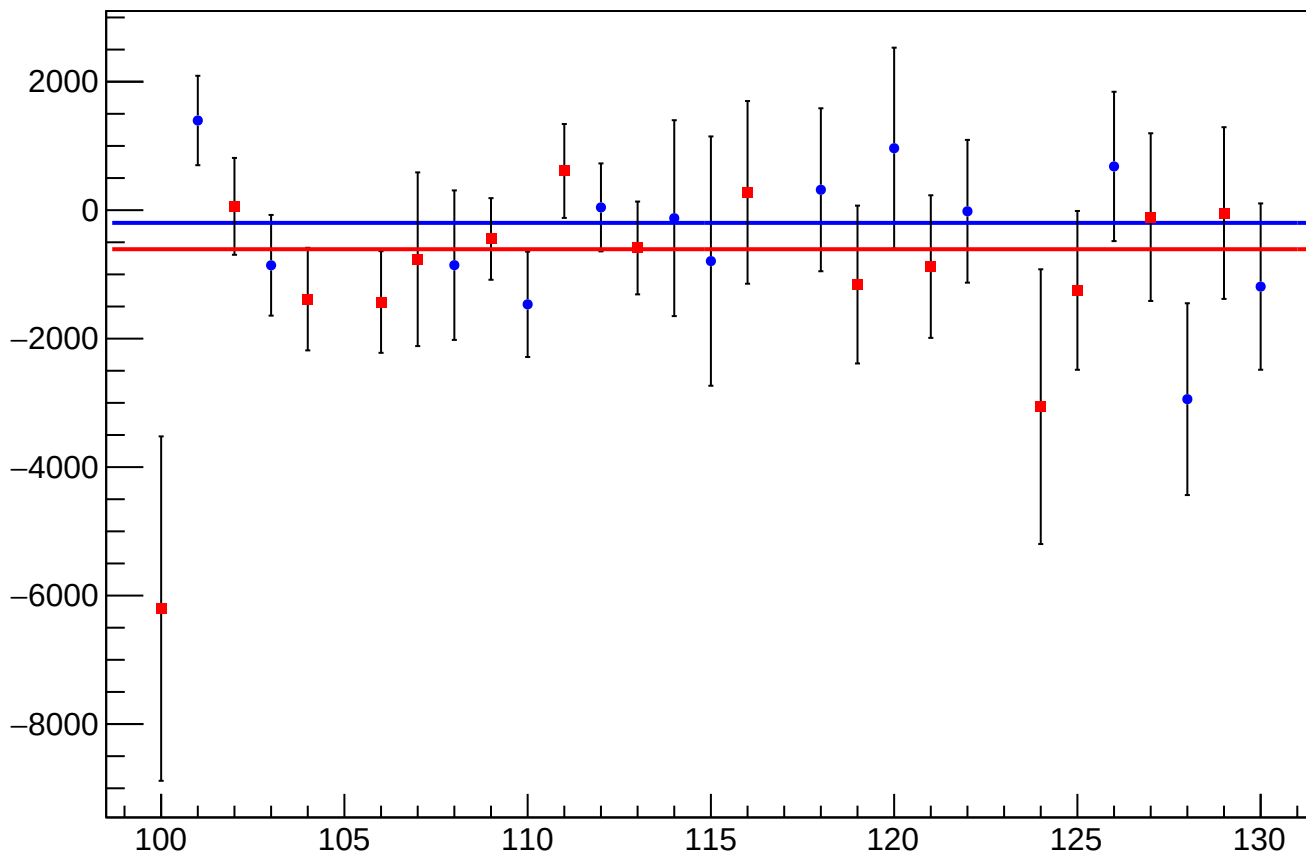
Right: 67.532 $\pm$ 0.014 χ^2 /NDF: 543428.5/27

In: 68.124 $\pm$ 0.021 χ^2 /NDF:319972.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 67.532 $\pm$ 0.014 χ^2 /NDF: 543428.5/27

asym_sam_15_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -197.755 ± 284.313 $\chi^2/\text{NDF}: 14.2/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -607.814 ± 251.066 $\chi^2/\text{NDF}: 12.6/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

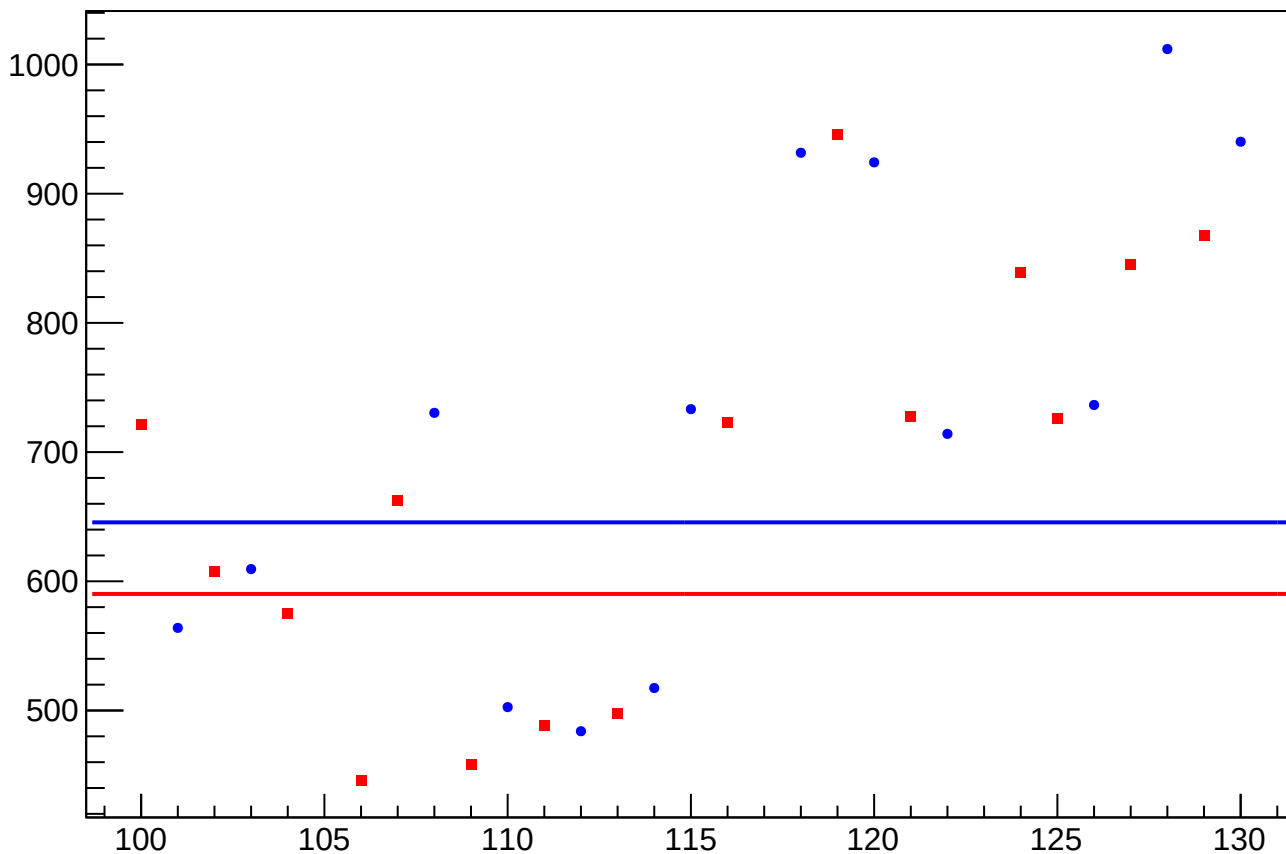
Right: -428.151 ± 188.192 $\chi^2/\text{NDF}: 27.9/27$

In: -197.755 ± 284.313 $\chi^2/\text{NDF}: 14.2/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -428.151 ± 188.192 $\chi^2/\text{NDF}: 27.9/27$

asym_sam_15_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 645.619+/-0.201 χ^2/NDF : 641863.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 590.202+/-0.178 χ^2/NDF : 666388.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

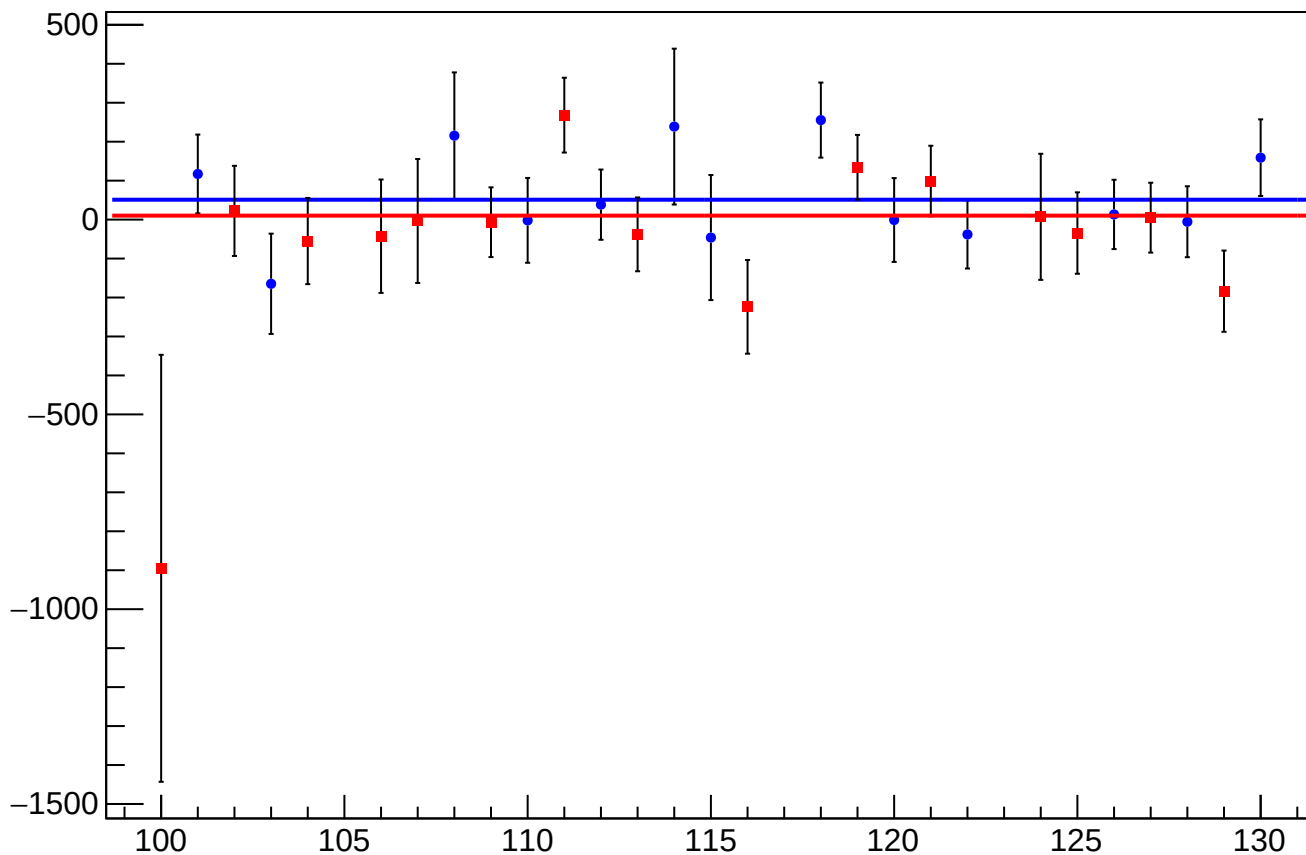
Right: 614.482+/-0.133 χ^2/NDF : 1350944.2/27

In: 645.619+/-0.201 χ^2/NDF : 641863.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 614.482+/-0.133 χ^2/NDF : 1350944.2/27

eigen_dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 51.050+/-29.581 χ^2/NDF : 13.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.192+/-28.019 χ^2/NDF : 21.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

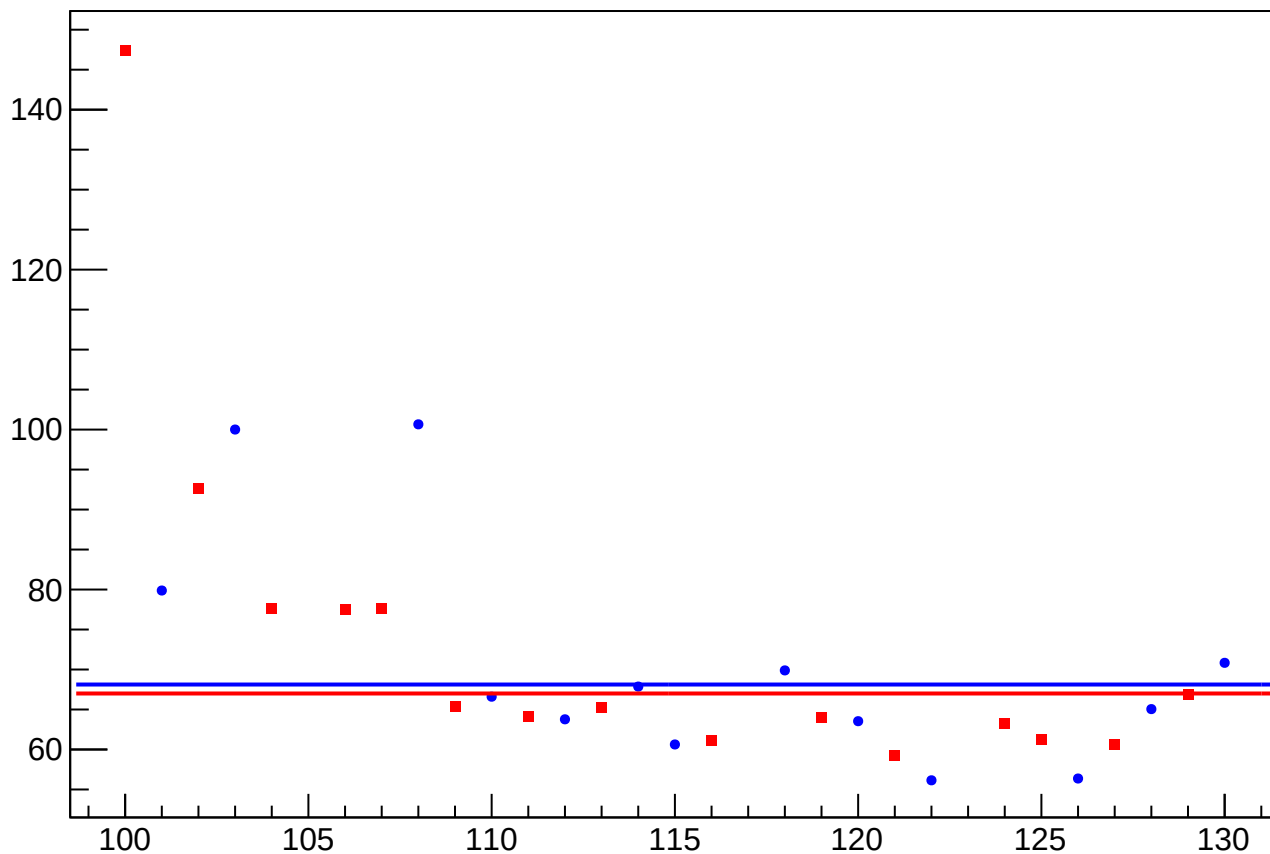
Right: 29.513+/-20.342 χ^2/NDF : 35.7/27

In: 51.050+/-29.581 χ^2/NDF : 13.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.513+/-20.342 χ^2/NDF : 35.7/27

eigen_dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 68.123+/-0.021 χ^2/NDF : 319977.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.002+/-0.020 χ^2/NDF : 221944.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

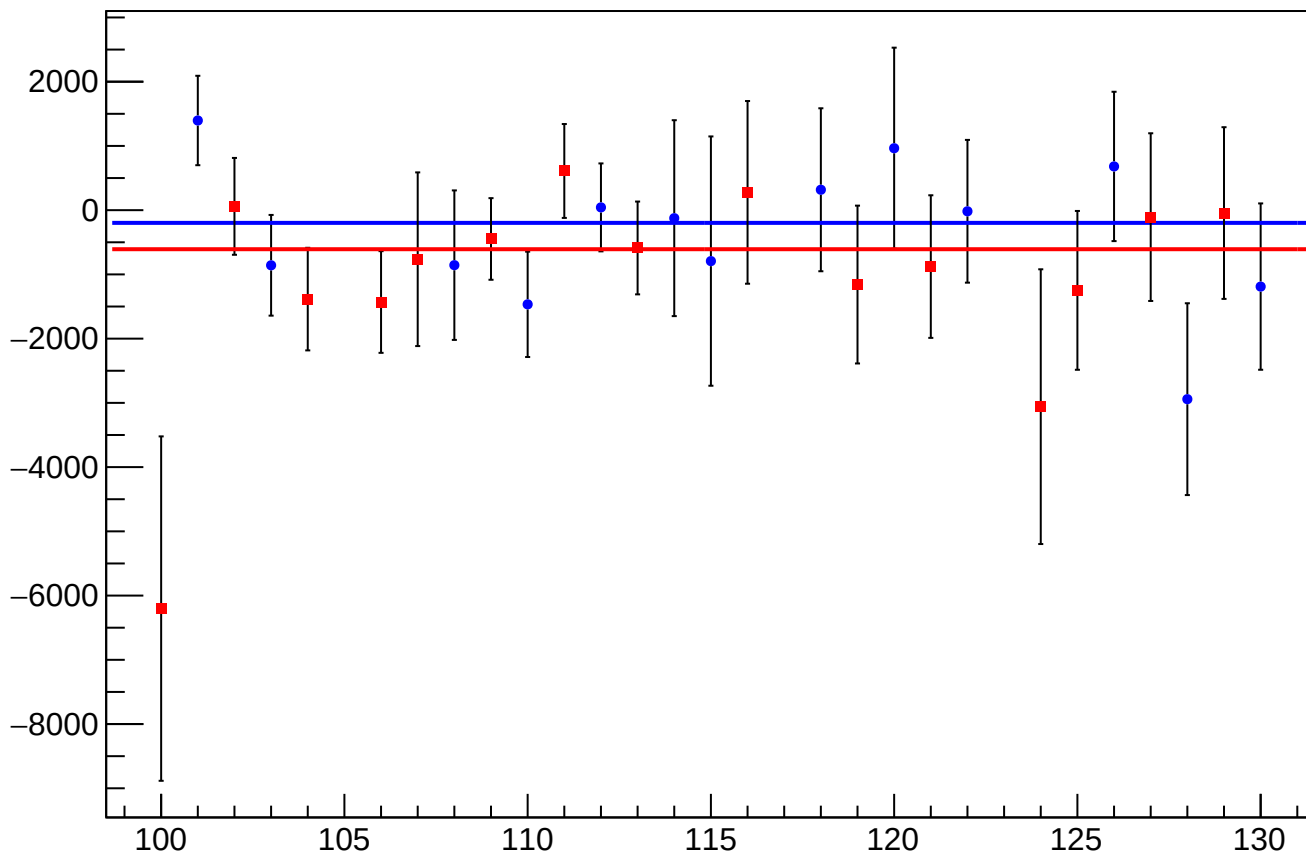
Right: 67.532+/-0.014 χ^2/NDF : 543437.7/27

In: 68.123+/-0.021 χ^2/NDF : 319977.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.532+/-0.014 χ^2/NDF : 543437.7/27

asym_sam_15_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -197.755 ± 284.312 $\chi^2/\text{NDF}: 14.2/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -607.814 ± 251.066 $\chi^2/\text{NDF}: 12.6/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

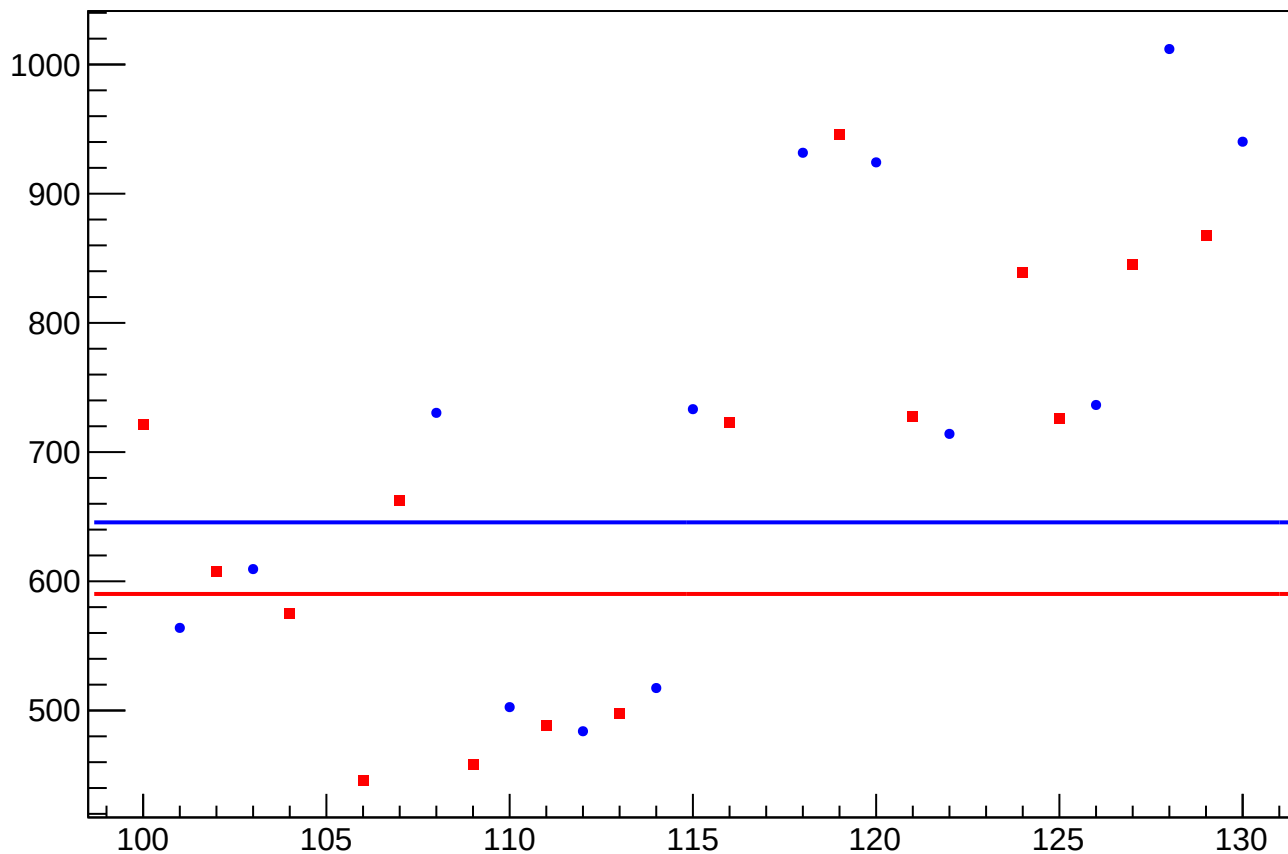
Right: -428.151 ± 188.192 $\chi^2/\text{NDF}: 27.9/27$

In: -197.755 ± 284.312 $\chi^2/\text{NDF}: 14.2/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -428.151 ± 188.192 $\chi^2/\text{NDF}: 27.9/27$

asym_sam_15_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 645.618+/-0.201 χ^2/NDF : 641866.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 590.201+/-0.178 χ^2/NDF : 666390.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

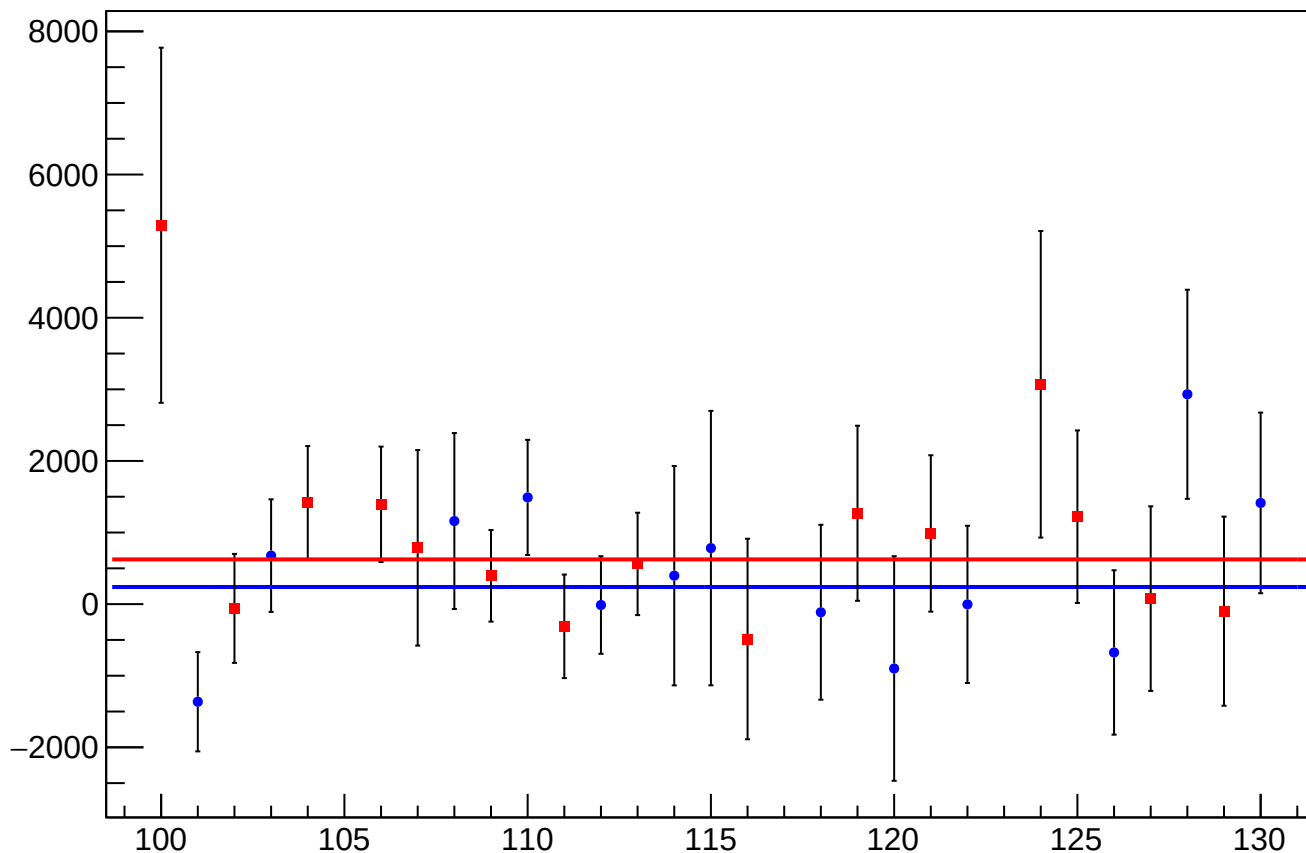
Right: 614.482+/-0.133 χ^2/NDF : 1350949.6/27

In: 645.618+/-0.201 χ^2/NDF : 641866.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 614.482+/-0.133 χ^2/NDF : 1350949.6/27

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 239.067+/-282.615 χ^2/NDF : 14.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 624.702+/-250.251 χ^2/NDF : 11.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

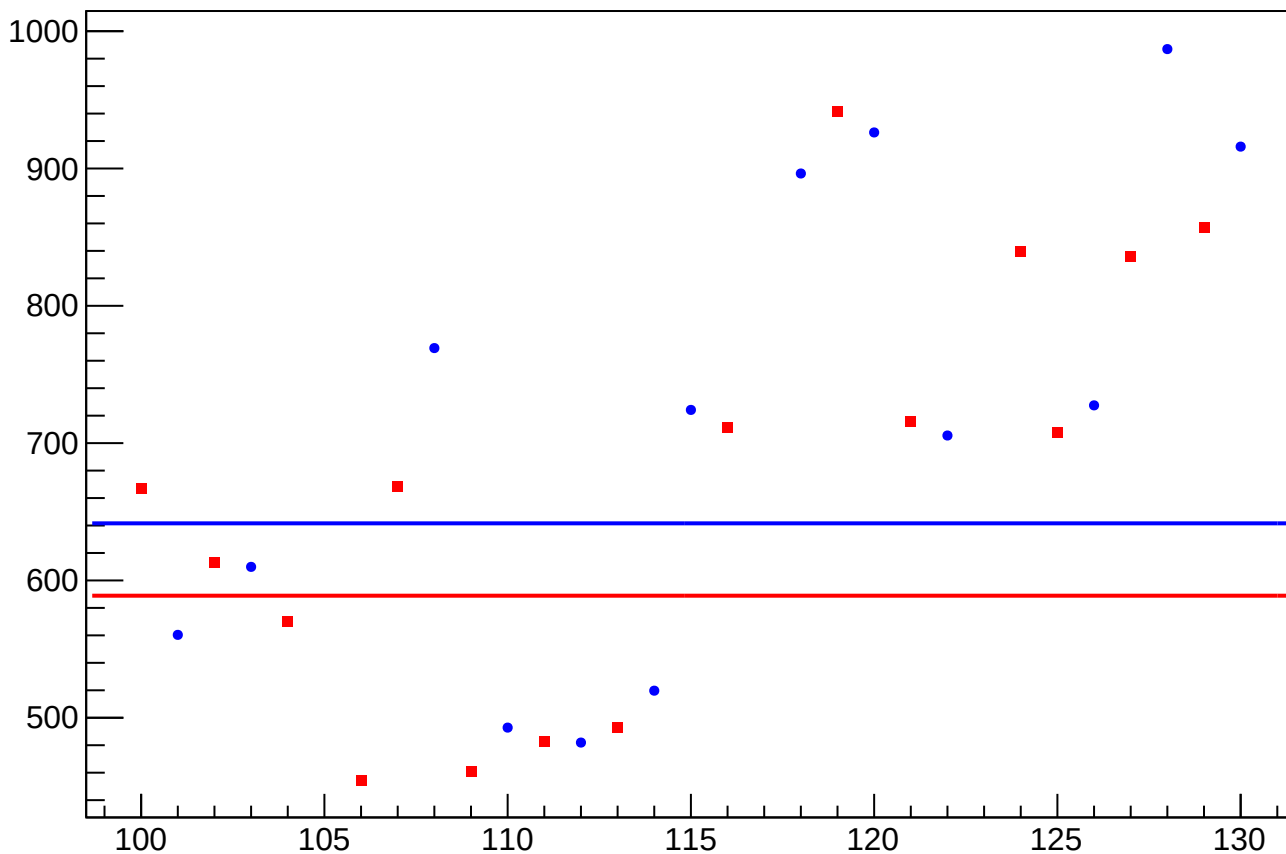
Right: 455.220+/-187.356 χ^2/NDF : 26.6/27

In: 239.067+/-282.615 χ^2/NDF : 14.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 455.220+/-187.356 χ^2/NDF : 26.6/27

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 641.586+/-0.200 χ^2/NDF : 624157.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 588.892+/-0.177 χ^2/NDF : 638607.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

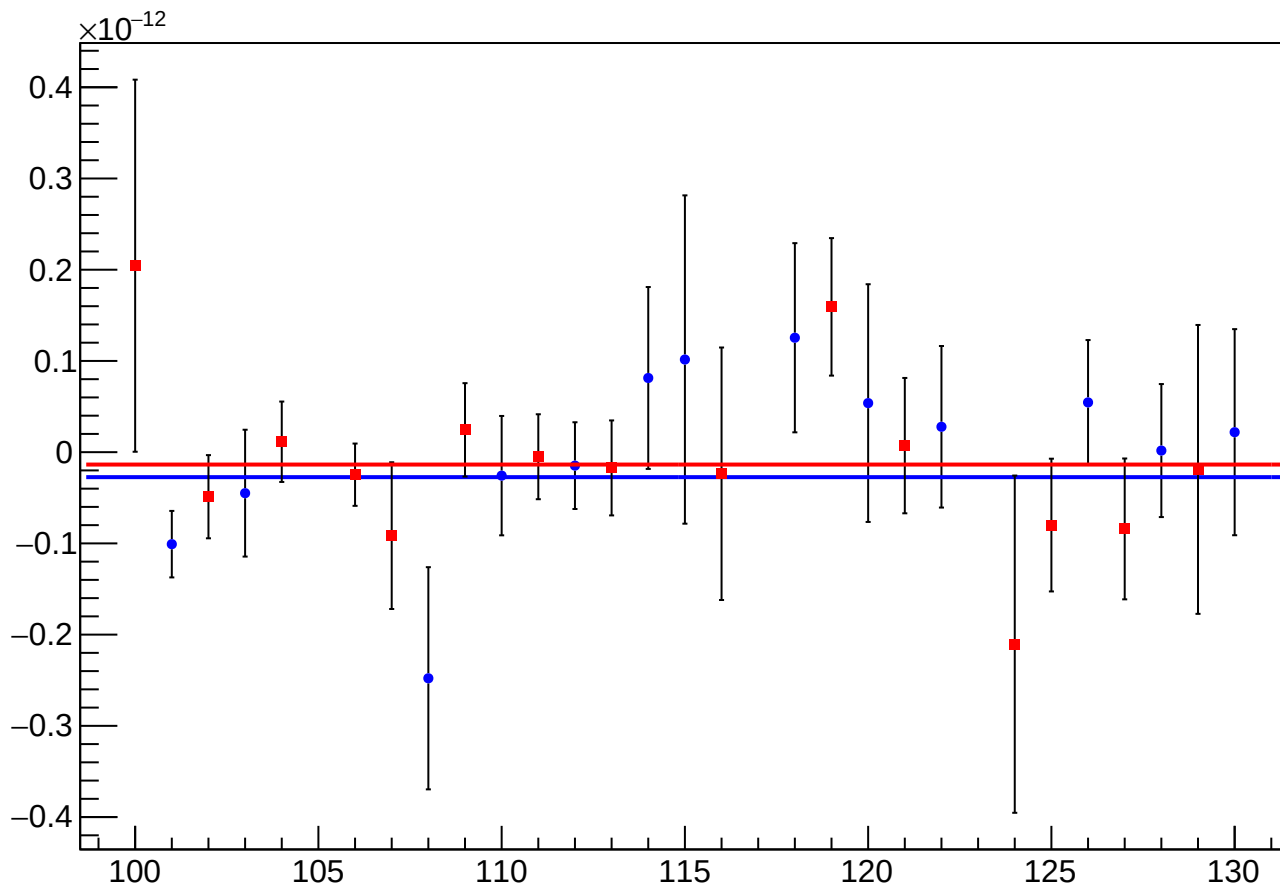
Right: 612.050+/-0.132 χ^2/NDF : 1301738.1/27

In: 641.586+/-0.200 χ^2/NDF : 624157.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 612.050+/-0.132 χ^2/NDF : 1301738.1/27

asym_sam_15_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

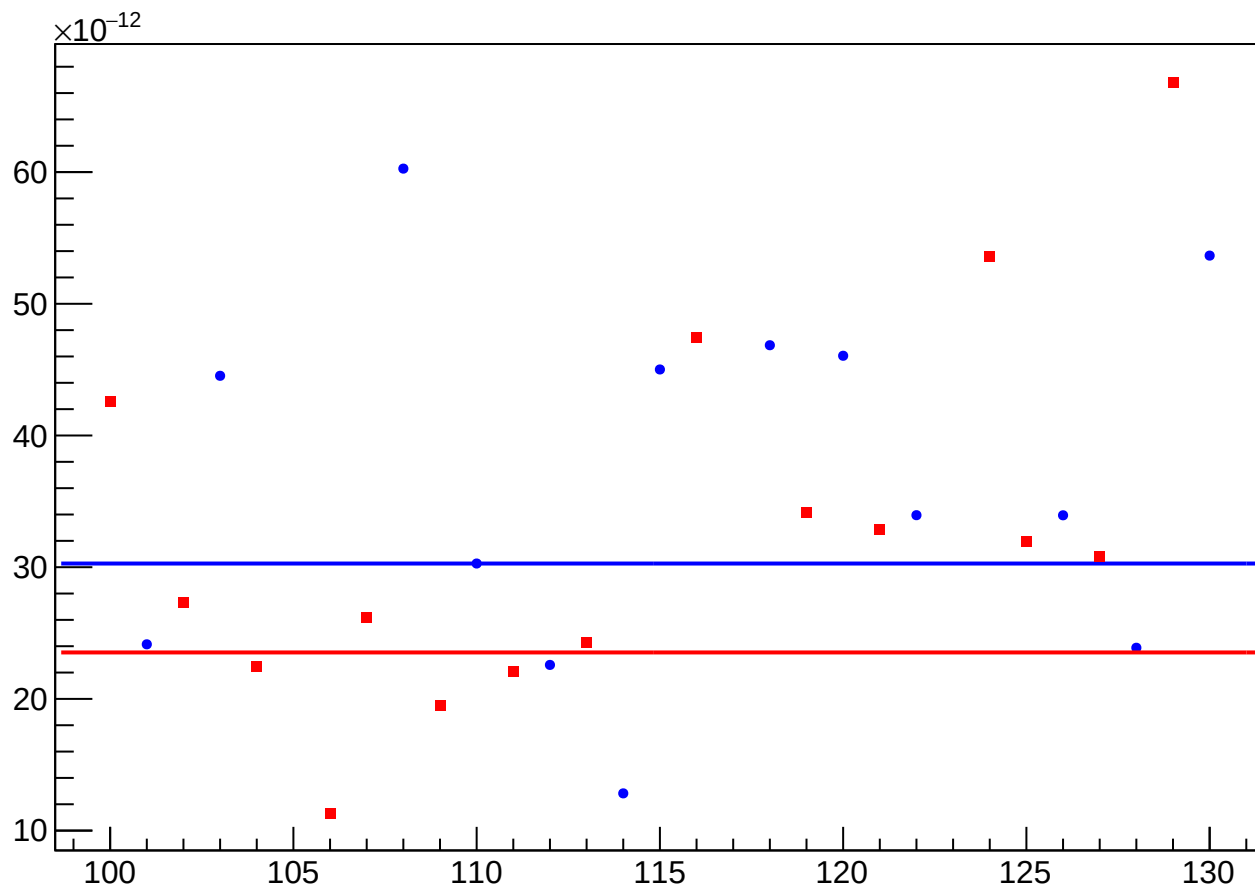
Right: -0.000+/-0.000 χ^2/NDF : 26.1/27

In: -0.000+/-0.000 χ^2/NDF : 13.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.1/27

asym_sam_15_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 579808.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 684342.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

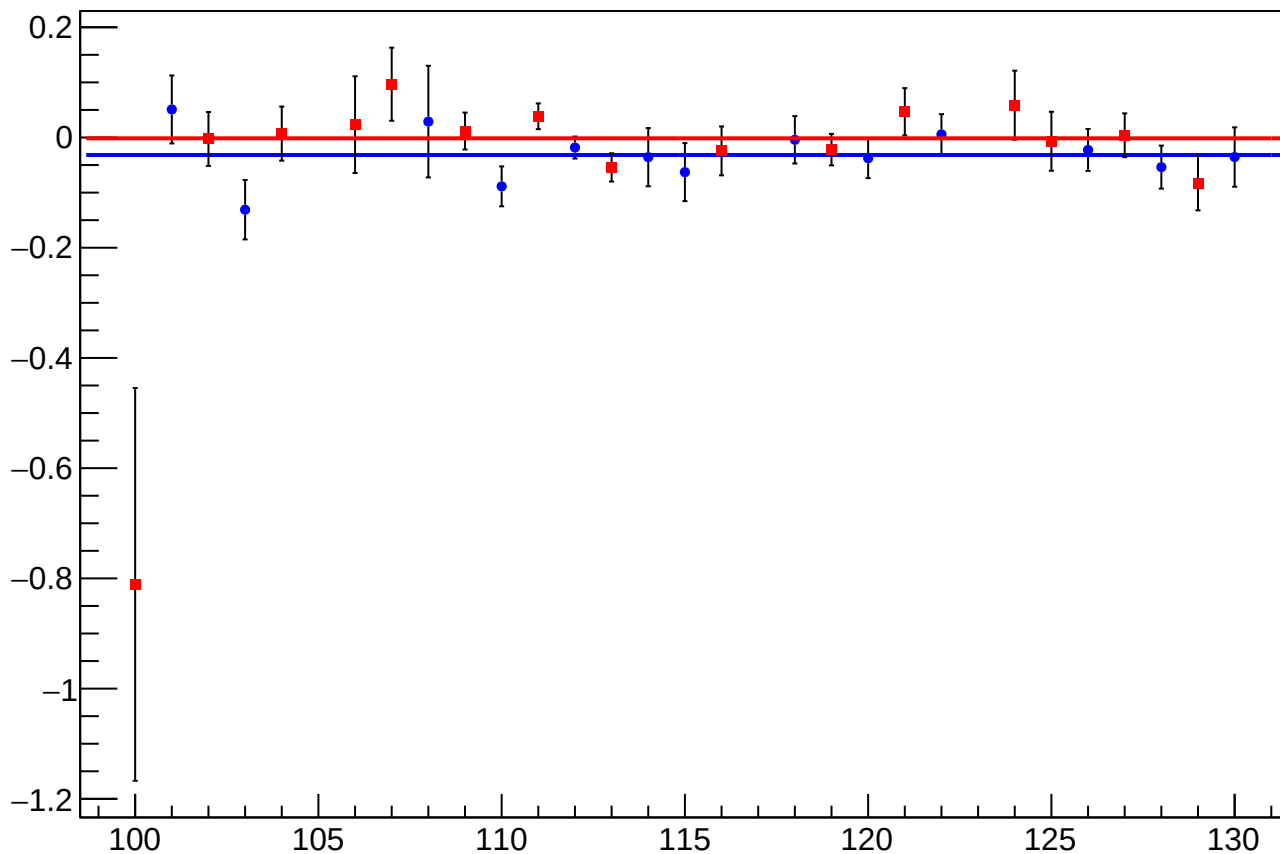
Right: 0.000+/-0.000 χ^2/NDF : 1408745.5/27

In: 0.000+/-0.000 χ^2/NDF : 579808.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1408745.5/27

asym_sam_15_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.032+/-0.011 χ^2/NDF : 10.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.001+/-0.010 χ^2/NDF : 20.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

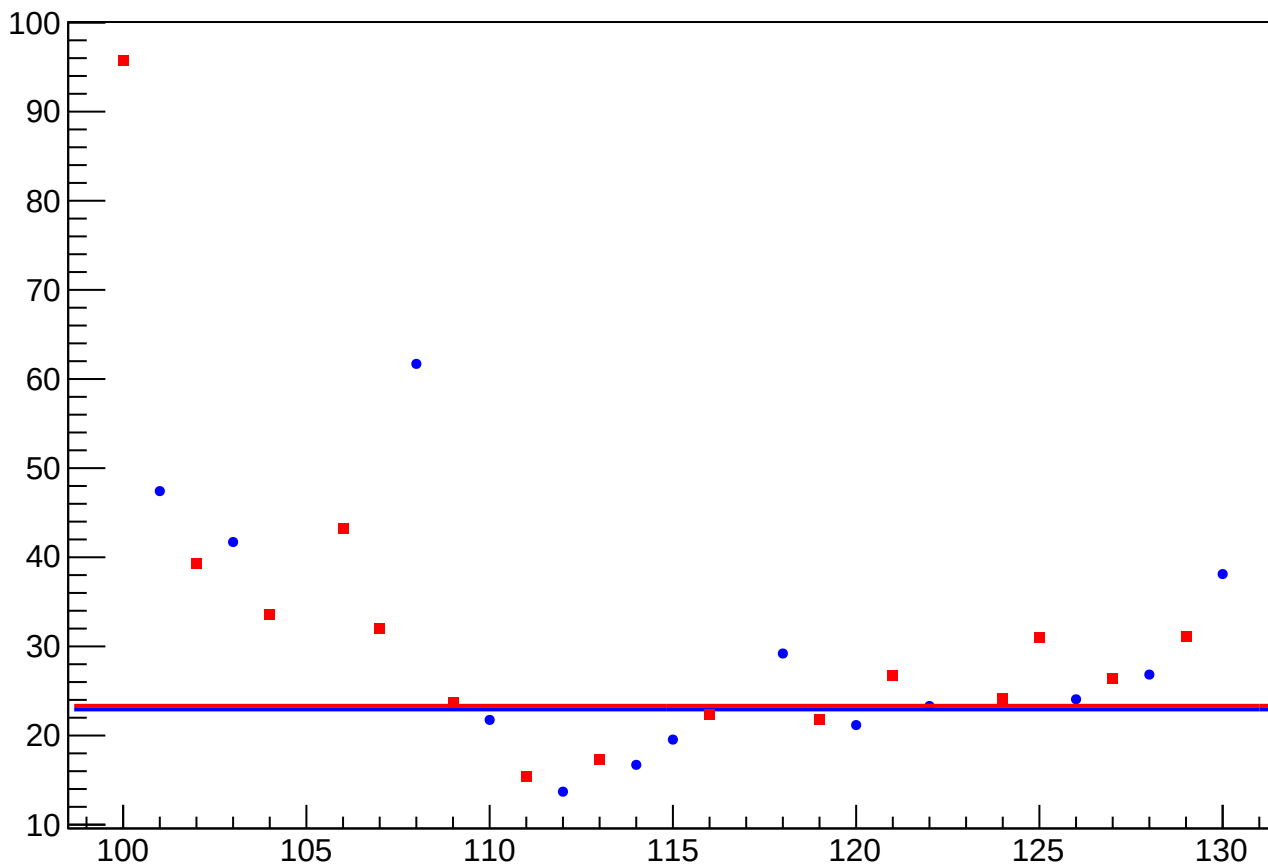
Right: -0.016+/-0.007 χ^2/NDF : 35.2/27

In: -0.032+/-0.011 χ^2/NDF : 10.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.007 χ^2/NDF : 35.2/27

asym_sam_15_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.932+/-0.008 χ^2/NDF : 1546995.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.334+/-0.007 χ^2/NDF : 982647.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

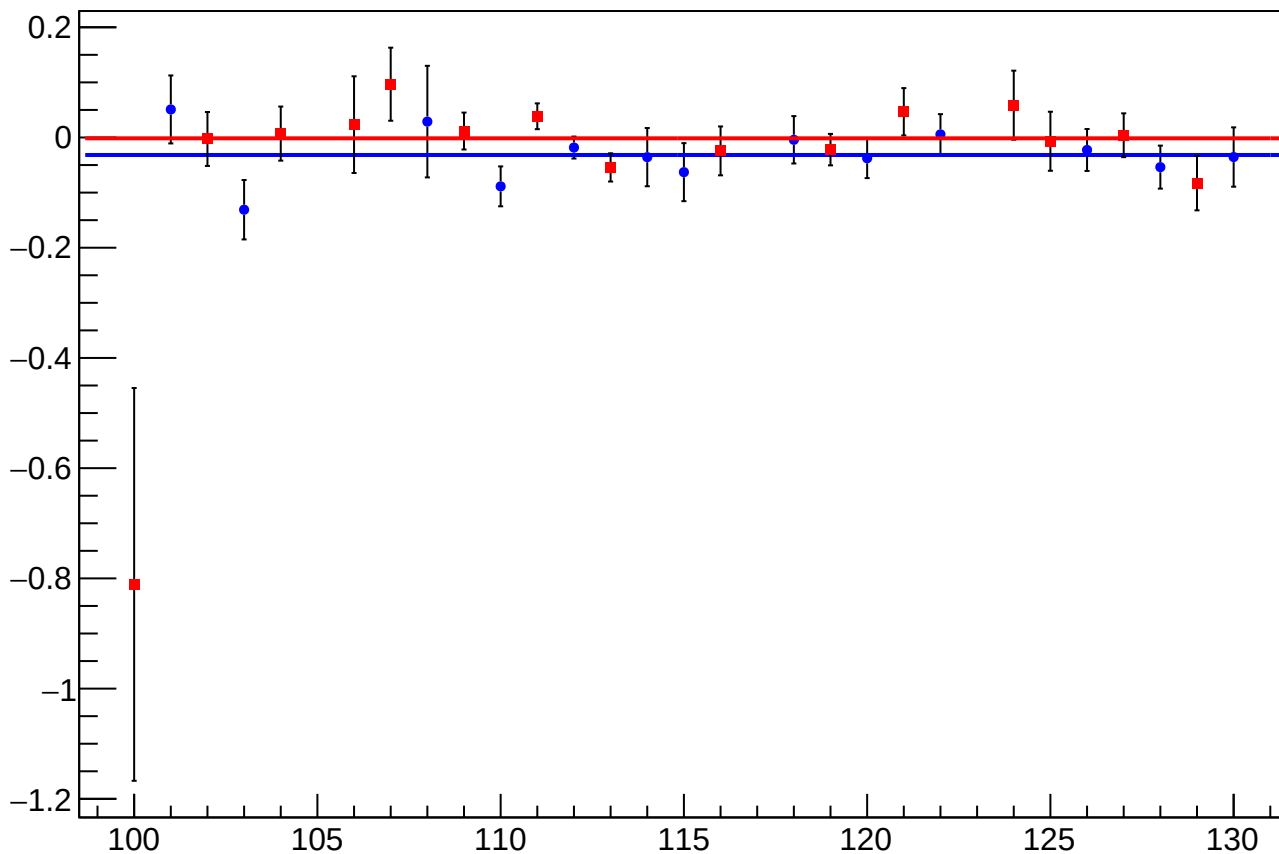
Right: 23.143+/-0.005 χ^2/NDF : 2531081.7/27

In: 22.932+/-0.008 χ^2/NDF : 1546995.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.143+/-0.005 χ^2/NDF : 2531081.7/27

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.032 $\pm$ 0.011 χ^2 /NDF: 10.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.001 $\pm$ 0.010 χ^2 /NDF: 20.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

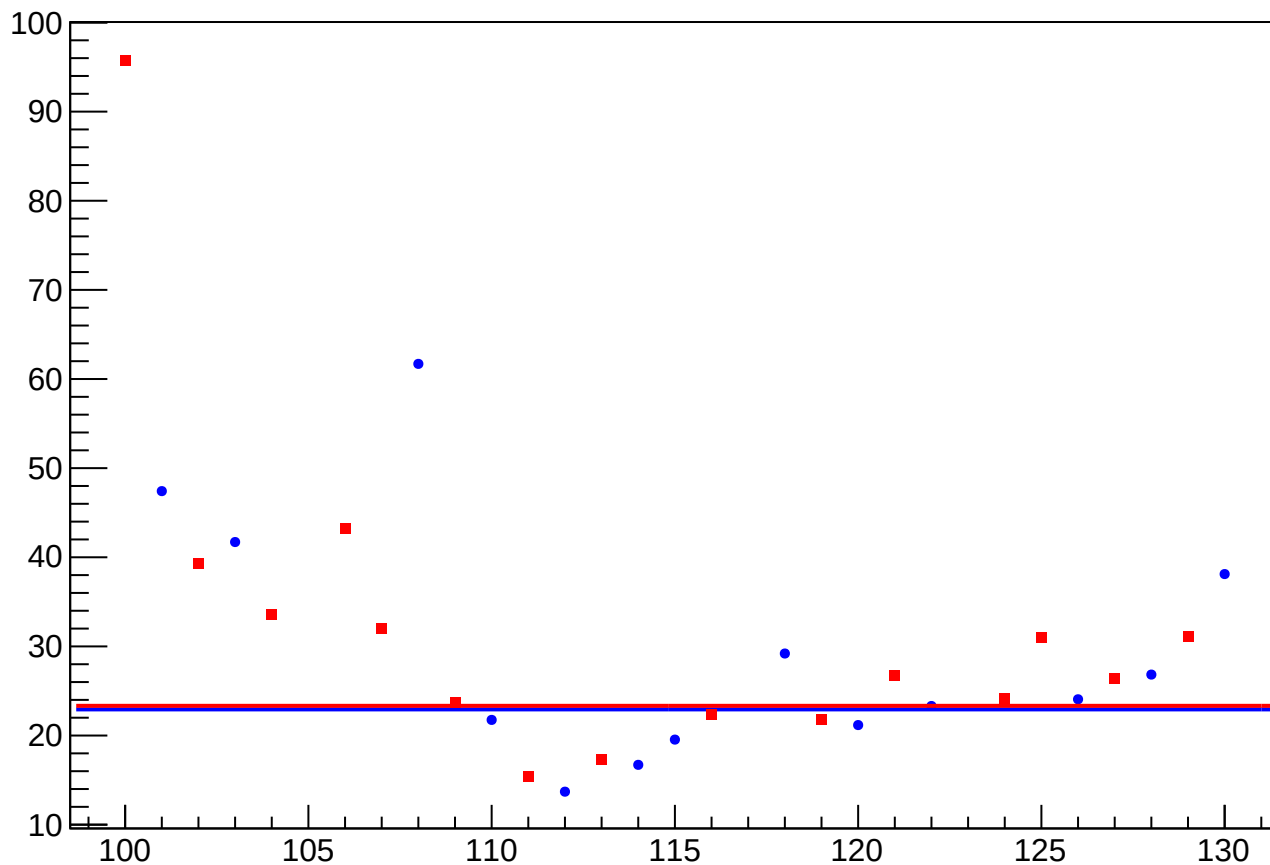
Right: -0.016 $\pm$ 0.007 χ^2 /NDF: 35.2/27

In: -0.032 $\pm$ 0.011 χ^2 /NDF:10.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.016 $\pm$ 0.007 χ^2 /NDF: 35.2/27

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.932+/-0.008 χ^2/NDF : 1546995.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 23.334+/-0.007 χ^2/NDF : 982647.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

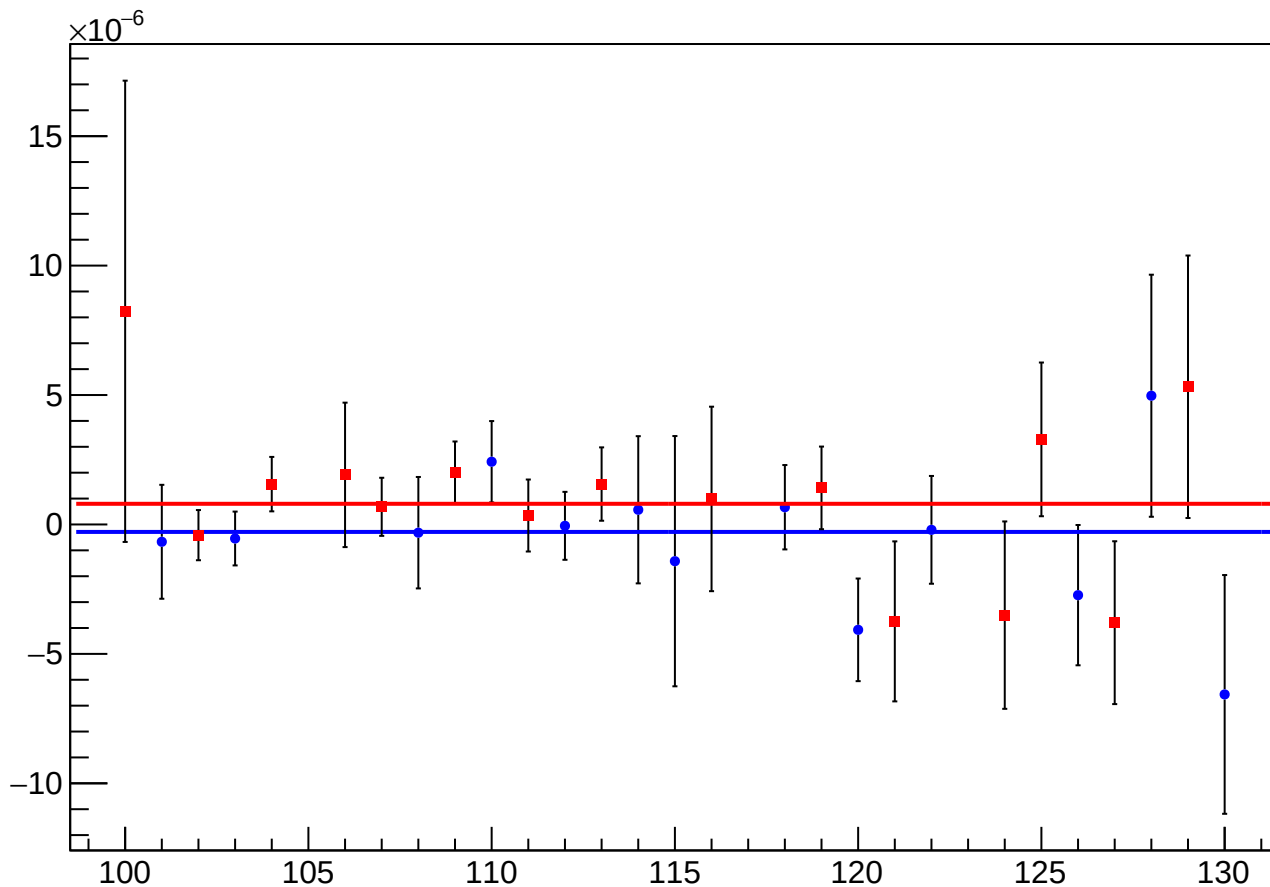
Right: 23.143+/-0.005 χ^2/NDF : 2531081.7/27

In: 22.932+/-0.008 χ^2/NDF :1546995.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.143+/-0.005 χ^2/NDF : 2531081.7/27

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

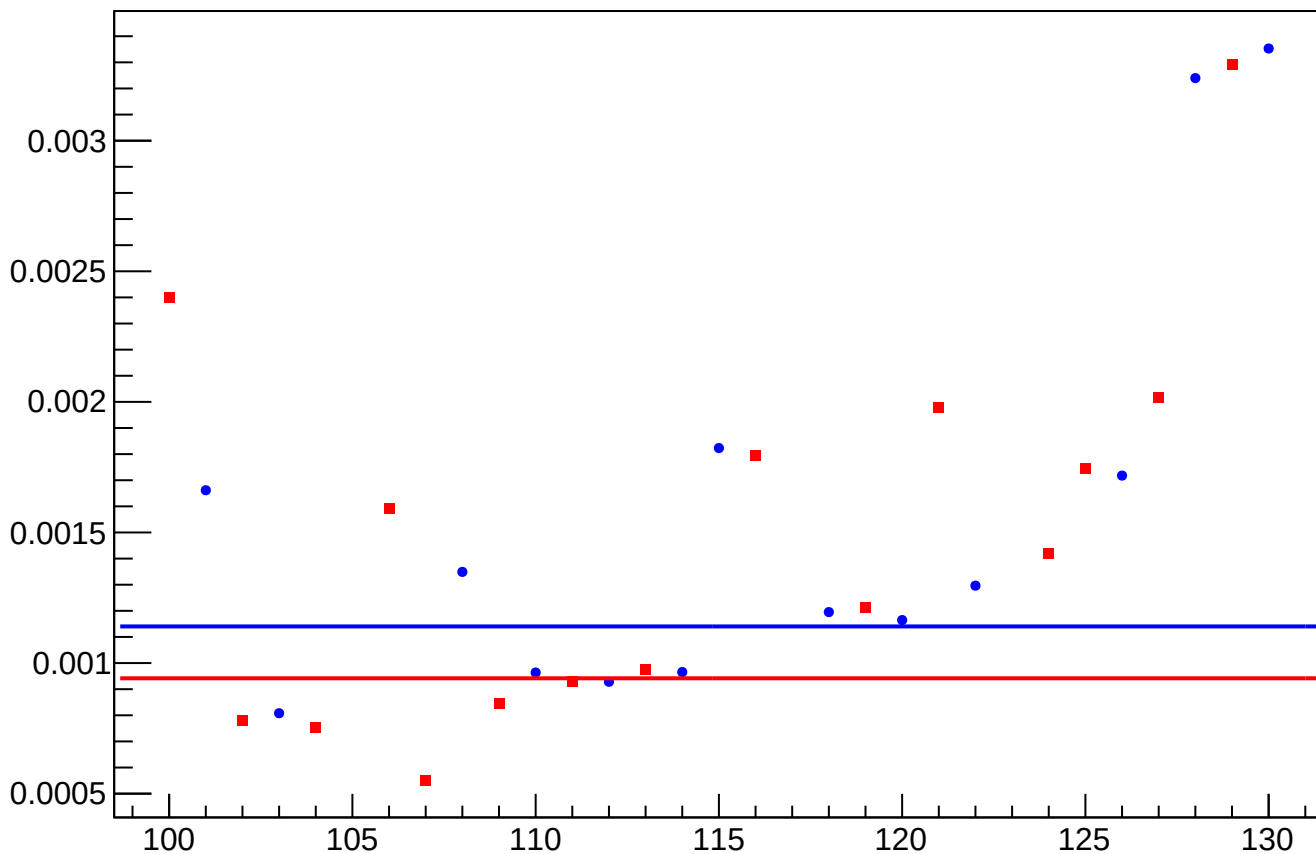
Right: 0.000+/-0.000 χ^2/NDF : 25.5/27

In: -0.000+/-0.000 χ^2/NDF : 11.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.5/27

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1428589.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1780692.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

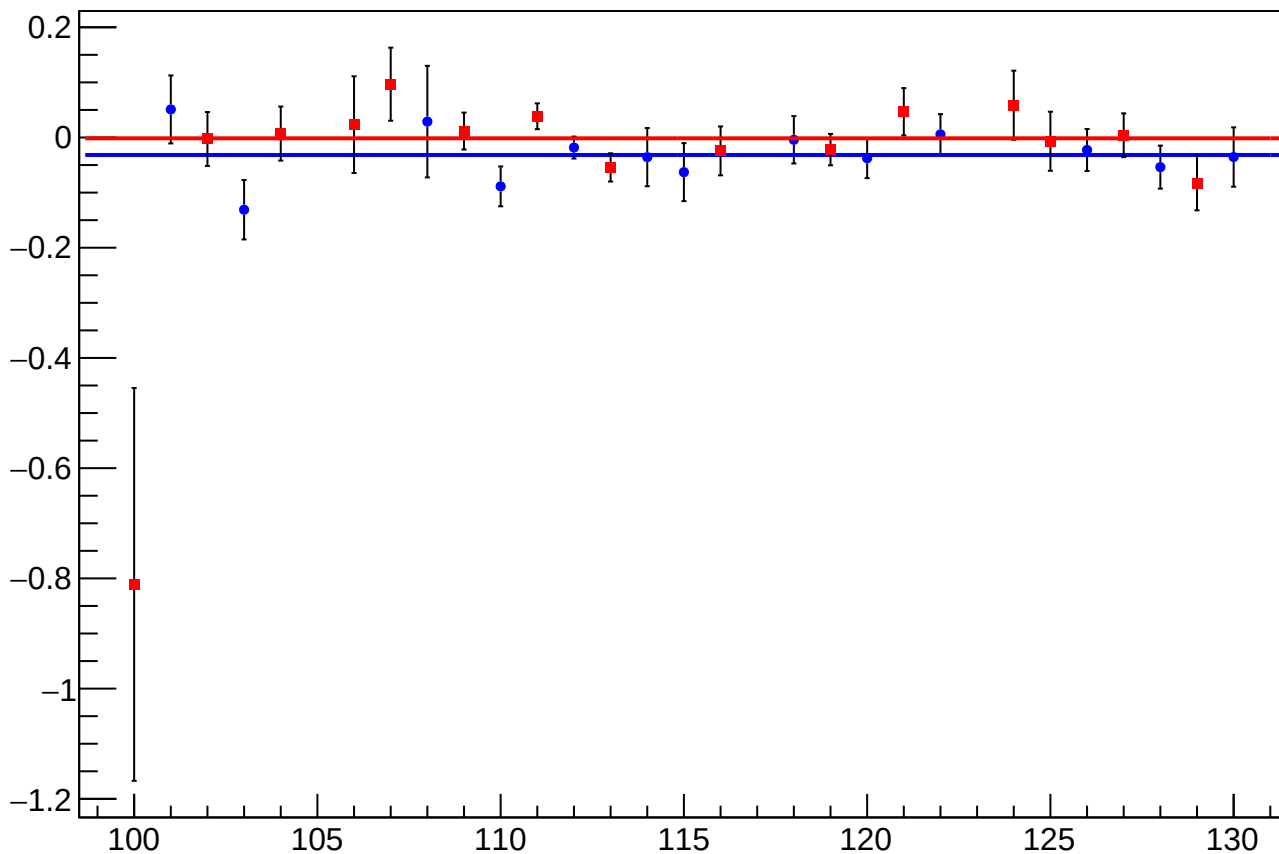
Right: 0.001+/-0.000 χ^2/NDF : 3380959.1/27

In: 0.001+/-0.000 χ^2/NDF :1428589.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3380959.1/27

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.032 $\pm$ 0.011 χ^2 /NDF: 10.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.001 $\pm$ 0.010 χ^2 /NDF: 20.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

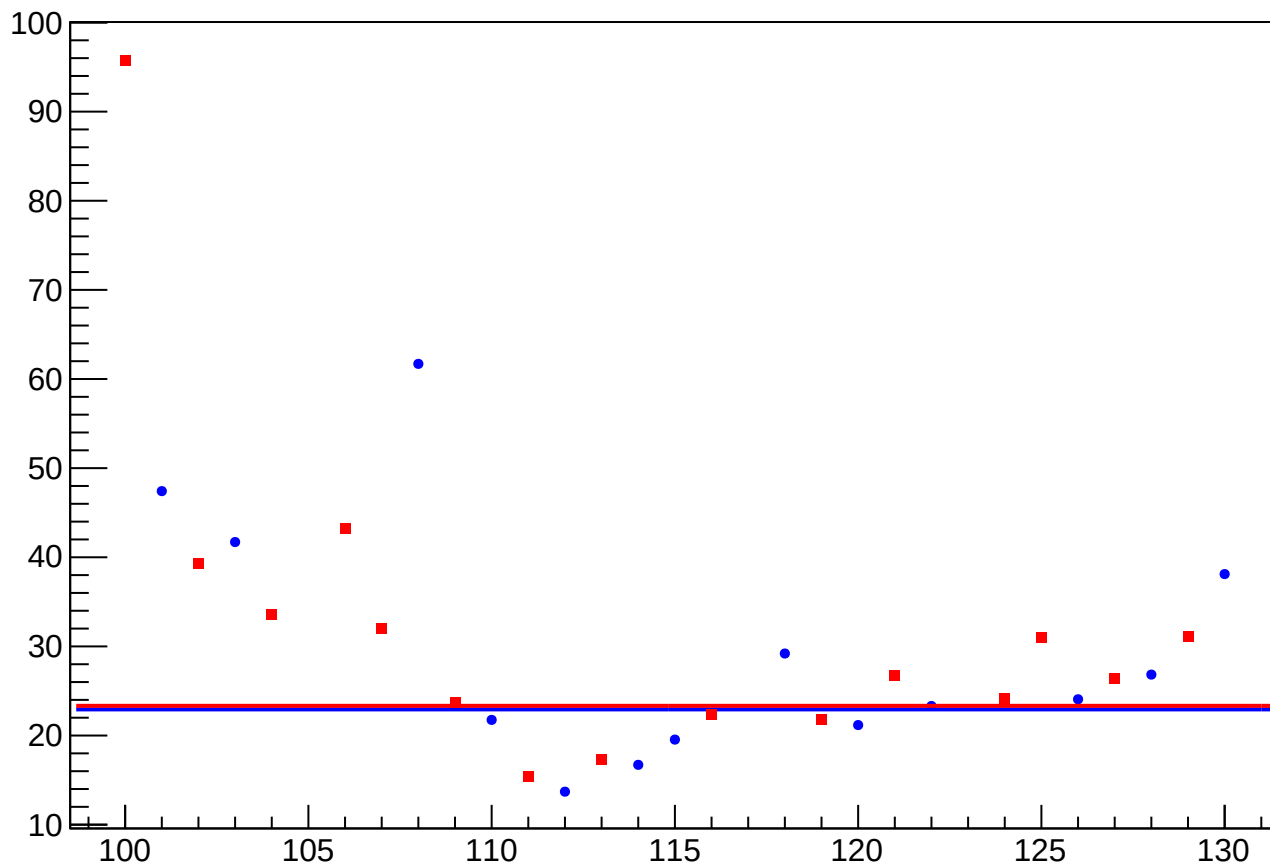
Right: -0.016 $\pm$ 0.007 χ^2 /NDF: 35.2/27

In: -0.032 $\pm$ 0.011 χ^2 /NDF:10.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.016 $\pm$ 0.007 χ^2 /NDF: 35.2/27

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.931+/-0.008 χ^2/NDF : 1547011.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.334+/-0.007 χ^2/NDF : 982680.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

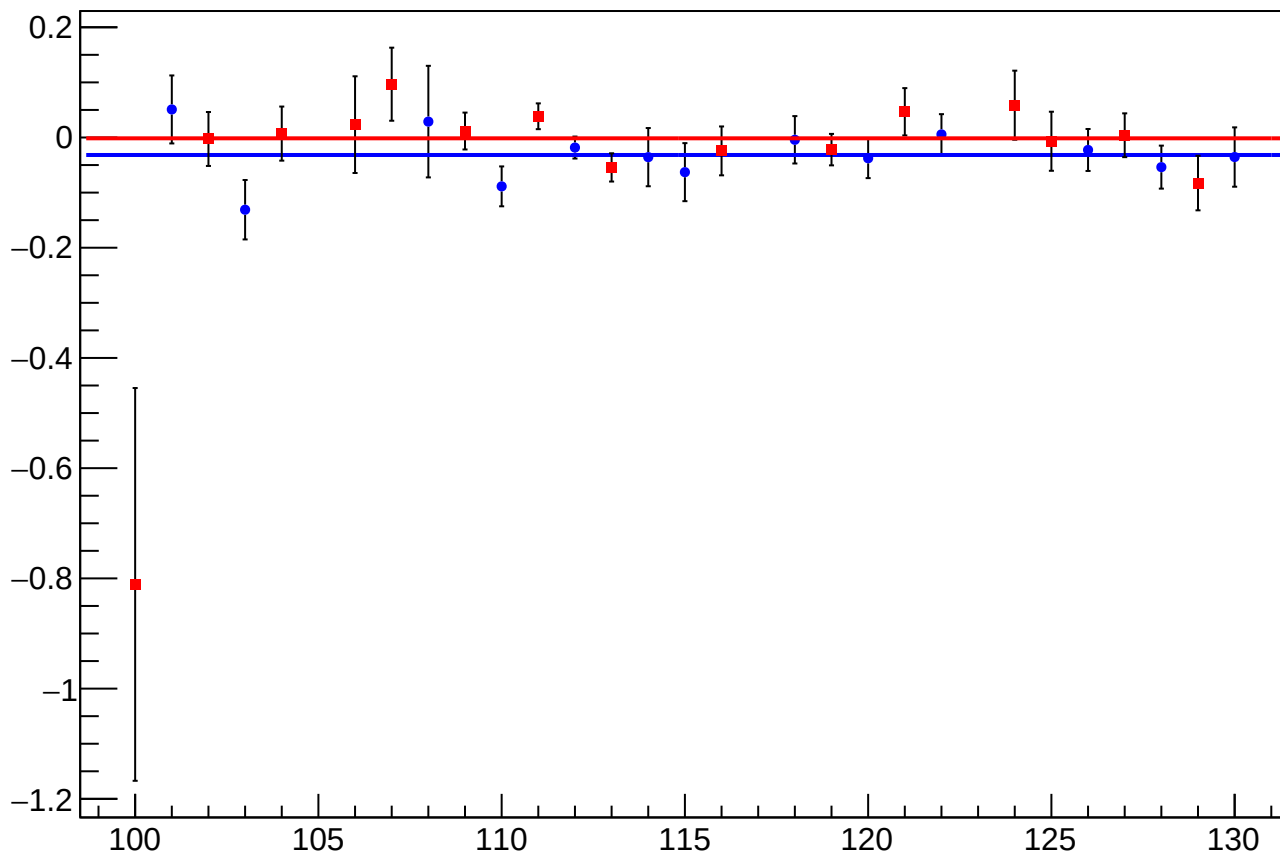
Right: 23.143+/-0.005 χ^2/NDF : 2531130.5/27

In: 22.931+/-0.008 χ^2/NDF : 1547011.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.143+/-0.005 χ^2/NDF : 2531130.5/27

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.032 $\pm$ 0.011 χ^2 /NDF: 10.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.001 $\pm$ 0.010 χ^2 /NDF: 20.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

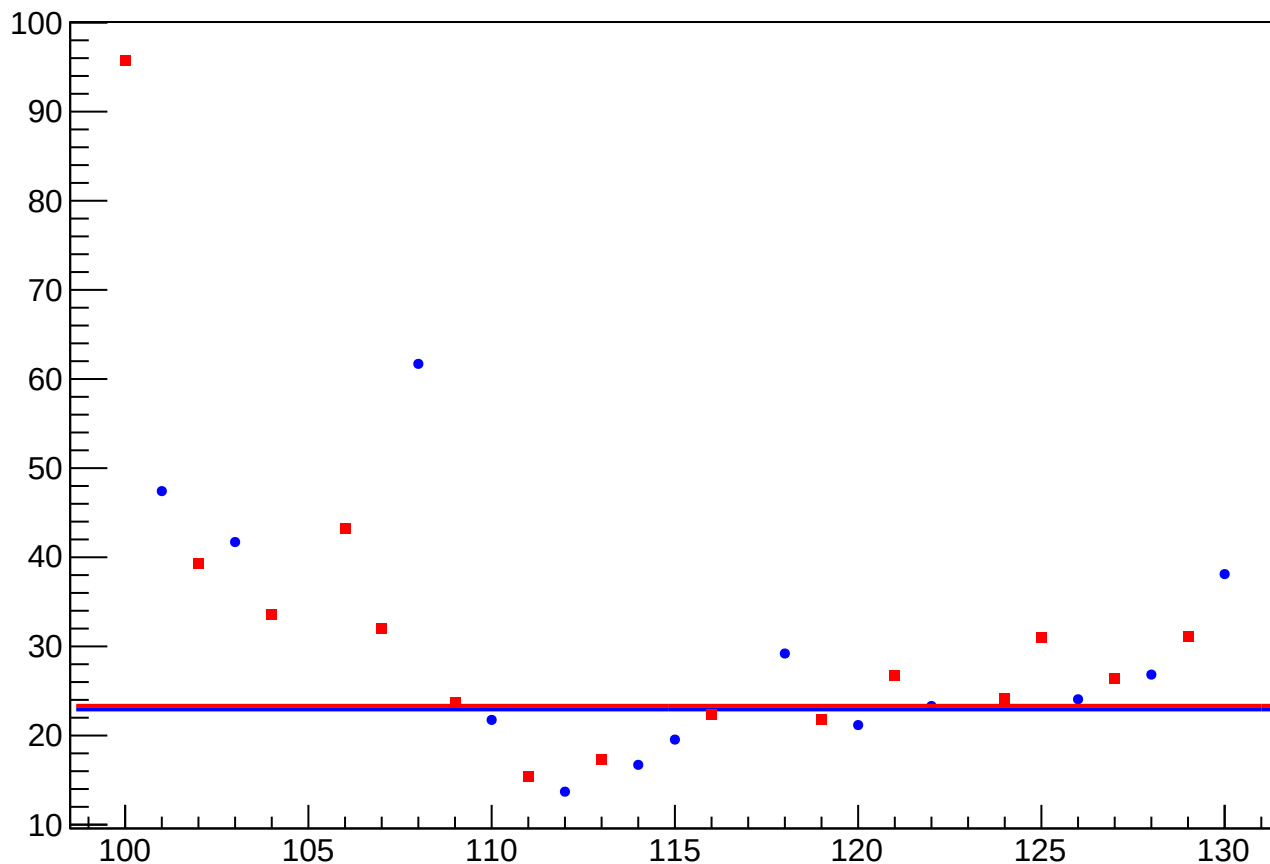
Right: -0.016 $\pm$ 0.007 χ^2 /NDF: 35.2/27

In: -0.032 $\pm$ 0.011 χ^2 /NDF:10.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.016 $\pm$ 0.007 χ^2 /NDF: 35.2/27

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.931+/-0.008 χ^2/NDF : 1547011.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.334+/-0.007 χ^2/NDF : 982680.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

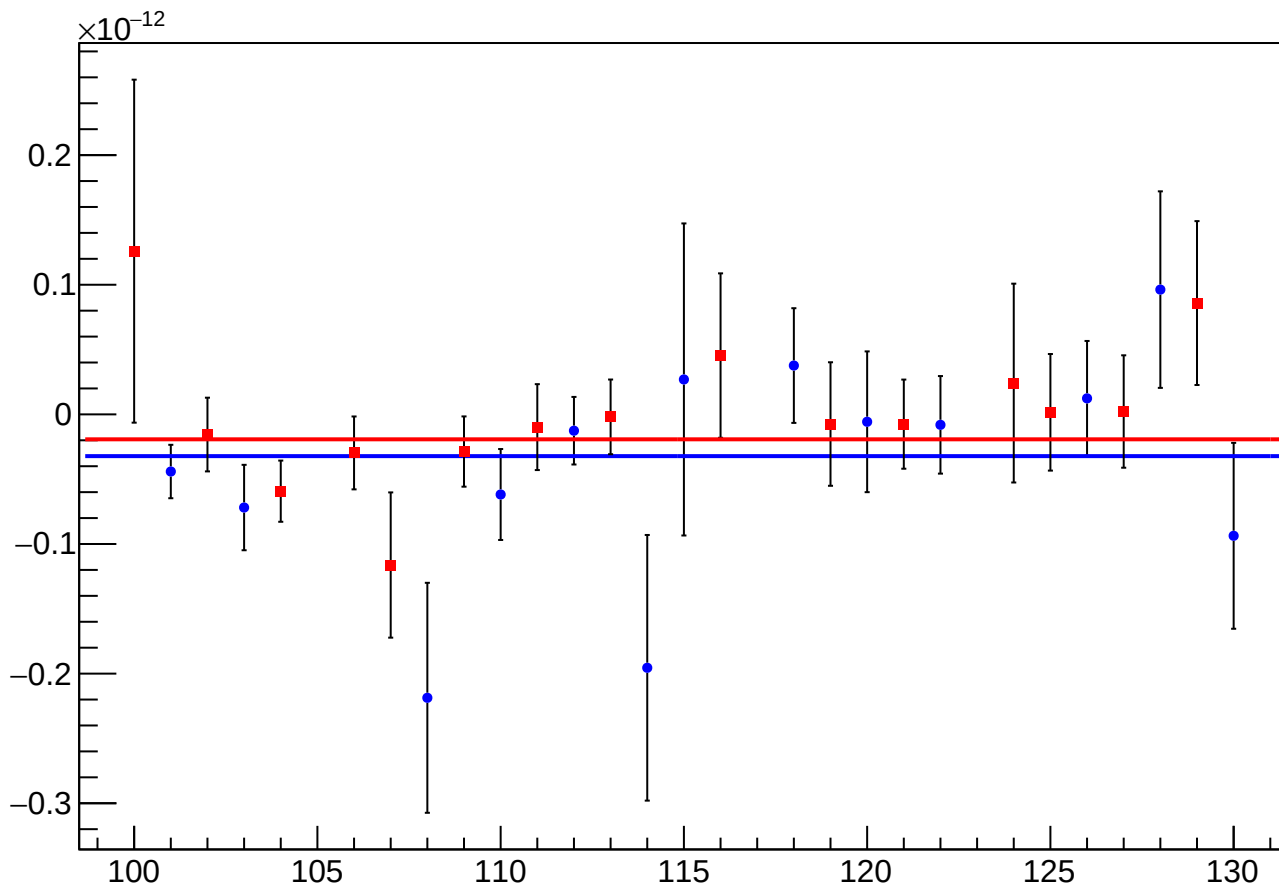
Right: 23.143+/-0.005 χ^2/NDF : 2531130.5/27

In: 22.931+/-0.008 χ^2/NDF : 1547011.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.143+/-0.005 χ^2/NDF : 2531130.5/27

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 18.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 12.6/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

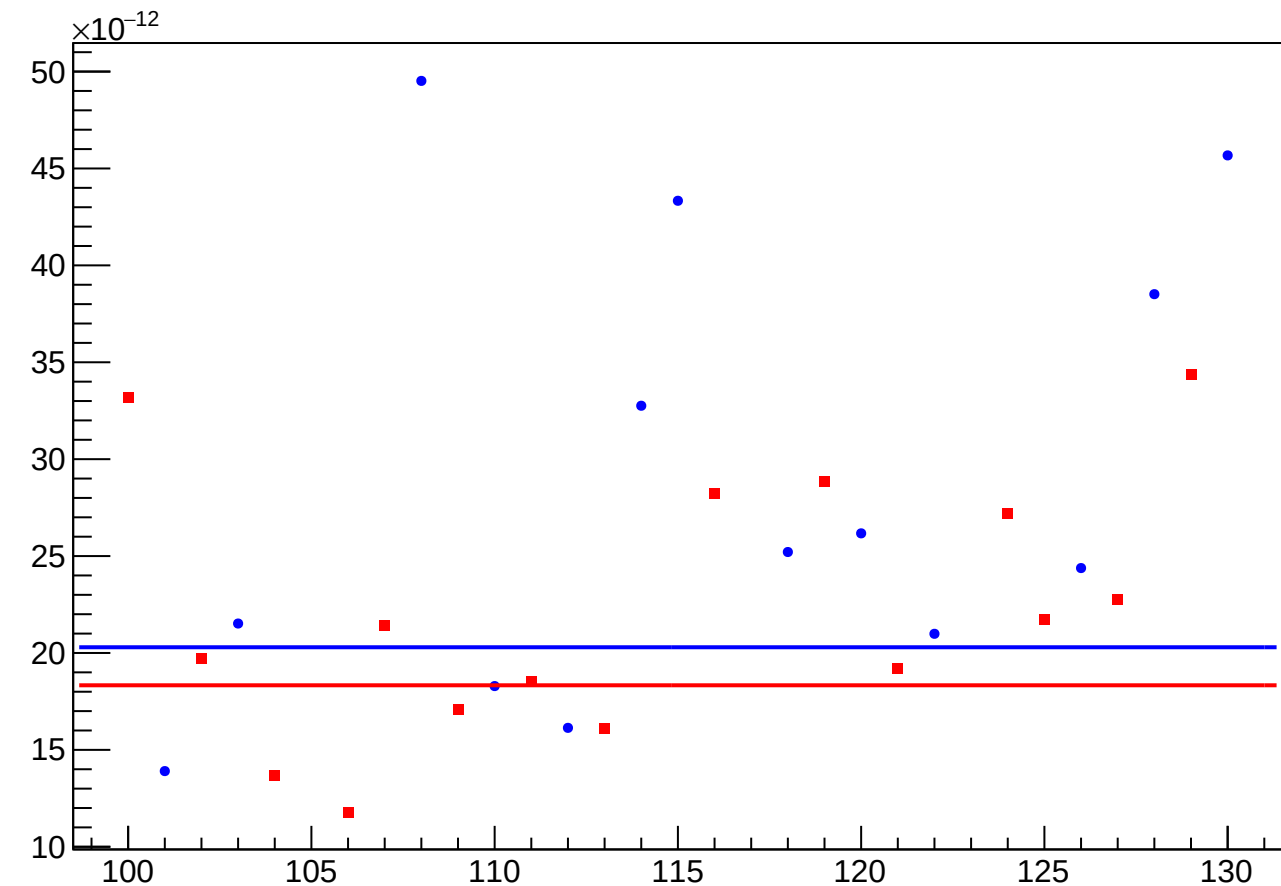
Right: -0.000 ± 0.000 χ^2/NDF : 31.4/27

In: -0.000 ± 0.000 χ^2/NDF : 18.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 31.4/27

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1004329.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 572965.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

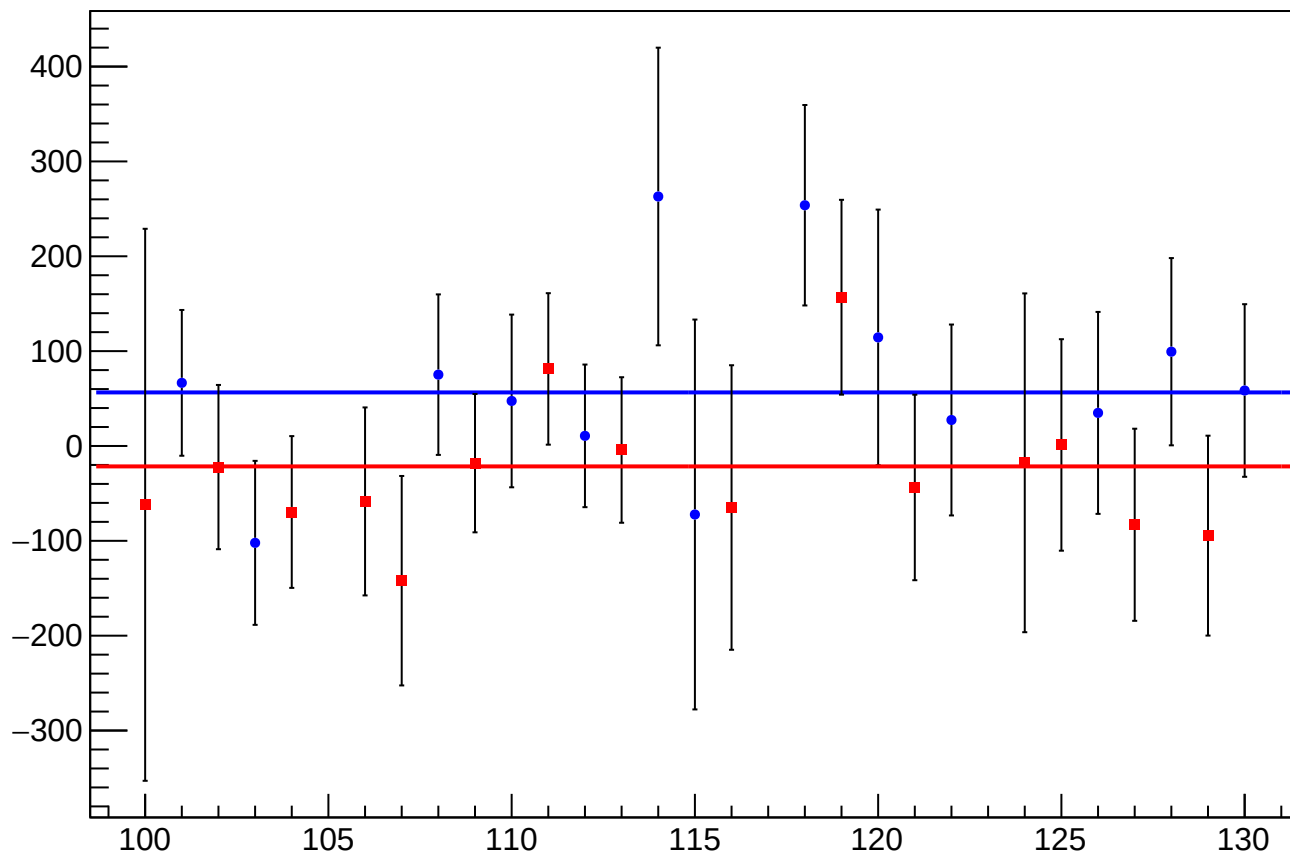
Right: 0.000+/-0.000 χ^2/NDF : 1613883.8/27

In: 0.000+/-0.000 χ^2/NDF : 1004329.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1613883.8/27

reg_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 56.467 $\pm$ 27.119 χ^2 /NDF: 9.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -21.534 $\pm$ 25.455 χ^2 /NDF: 7.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

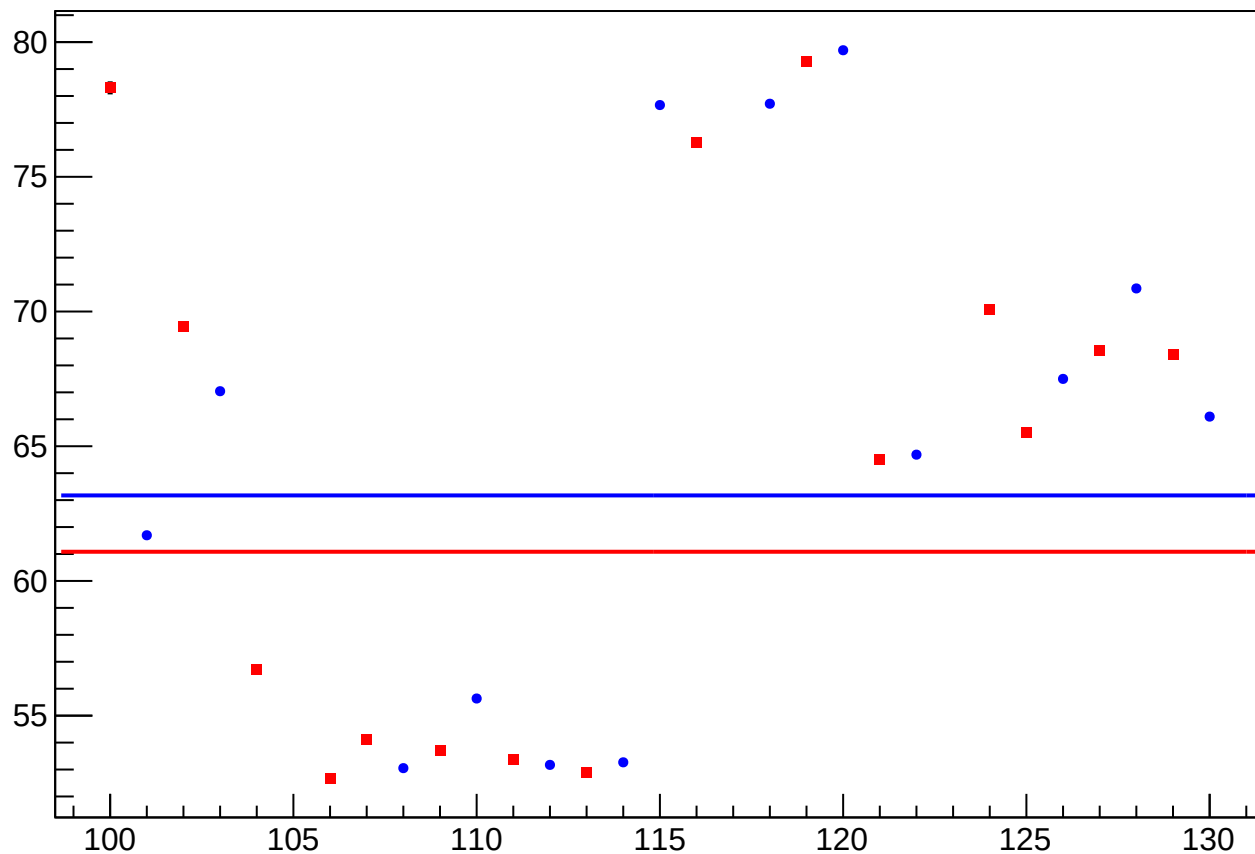
Right: 15.000 $\pm$ 18.560 χ^2 /NDF: 21.8/27

In: 56.467 $\pm$ 27.119 χ^2 /NDF:9.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 15.000 $\pm$ 18.560 χ^2 /NDF: 21.8/27

reg_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 63.174+/-0.019 χ^2/NDF : 186257.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.084+/-0.018 χ^2/NDF : 230550.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

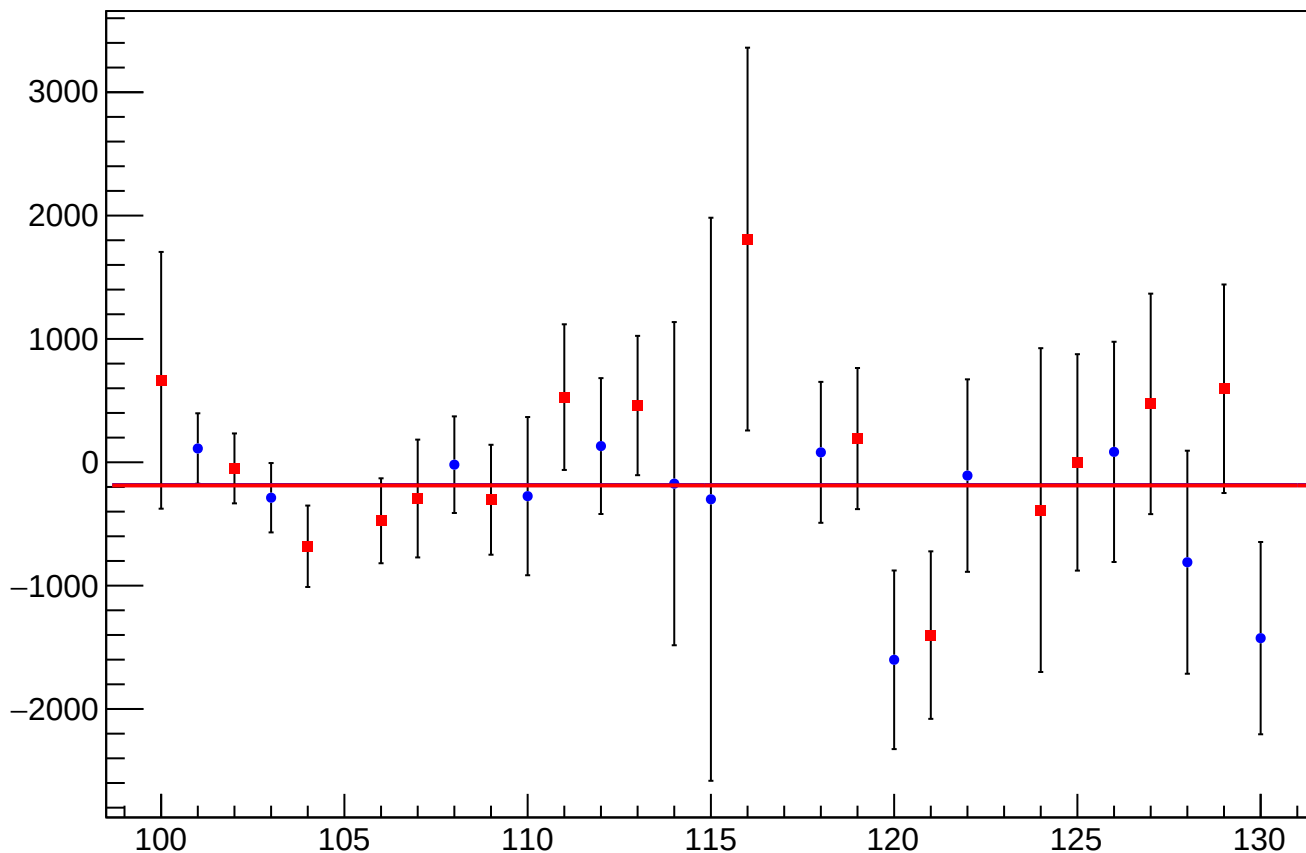
Right: 62.063+/-0.013 χ^2/NDF : 423126.5/27

In: 63.174+/-0.019 χ^2/NDF : 186257.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.063+/-0.013 χ^2/NDF : 423126.5/27

asym_sam_37_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -184.724+/-143.305 χ^2/NDF : 8.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -187.538+/-132.943 χ^2/NDF : 13.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

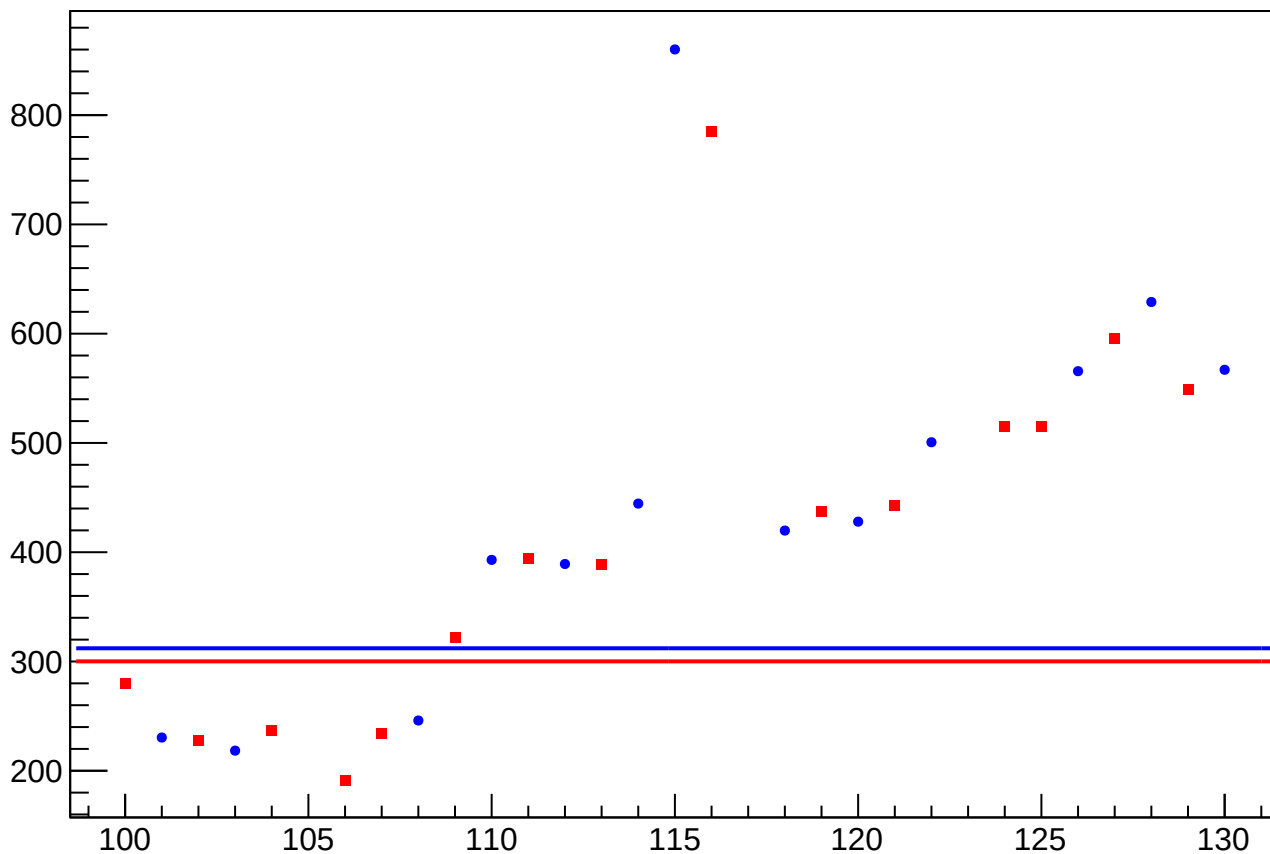
Right: -186.237+/-97.462 χ^2/NDF : 22.4/27

In: -184.724+/-143.305 χ^2/NDF : 8.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -186.237+/-97.462 χ^2/NDF : 22.4/27

asym_sam_37_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 312.089+/-0.101 χ^2/NDF : 1509836.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 300.118+/-0.094 χ^2/NDF : 1513364.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

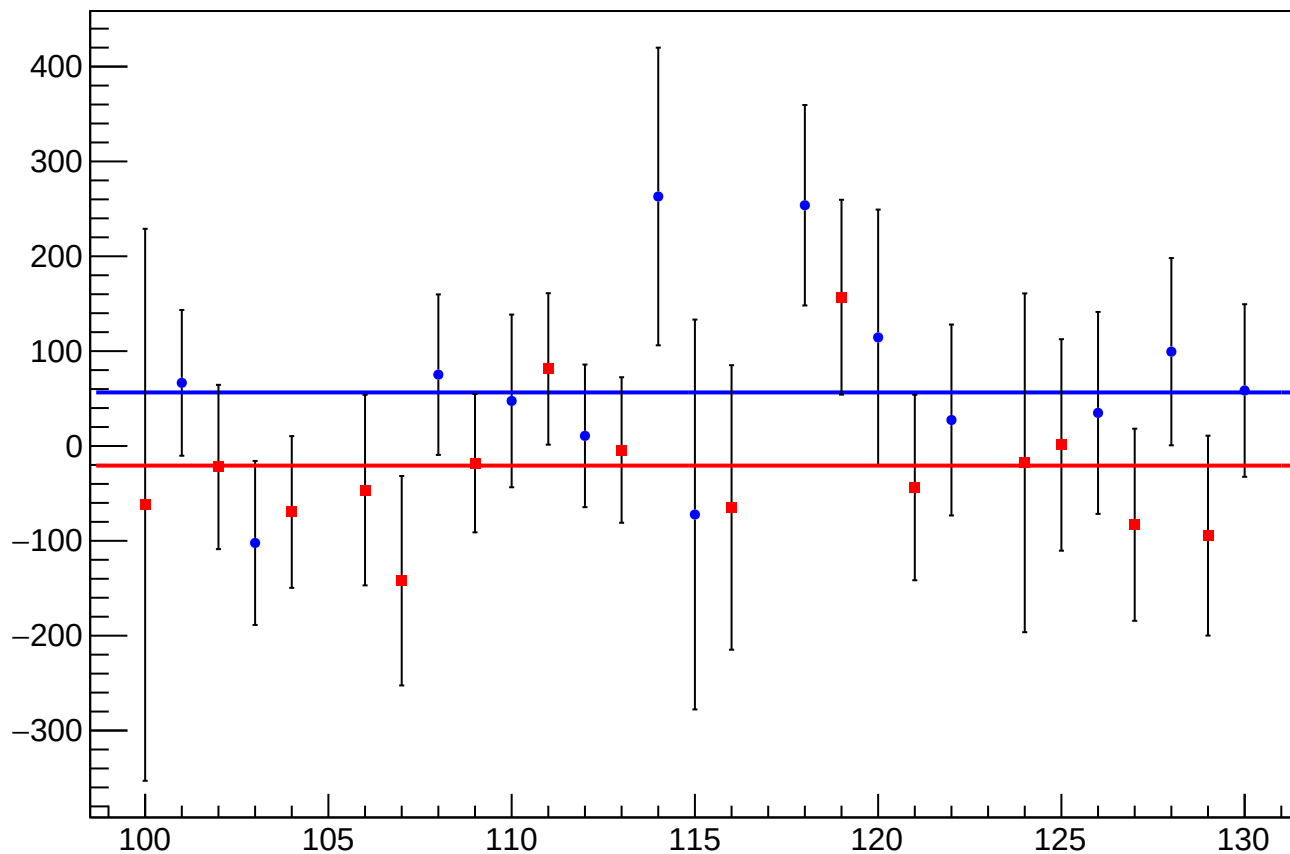
Right: 305.655+/-0.069 χ^2/NDF : 3030702.4/27

In: 312.089+/-0.101 χ^2/NDF :1509836.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 305.655+/-0.069 χ^2/NDF : 3030702.4/27

cor_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 56.461+/-27.119 χ^2/NDF : 9.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.687+/-25.478 χ^2/NDF : 7.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

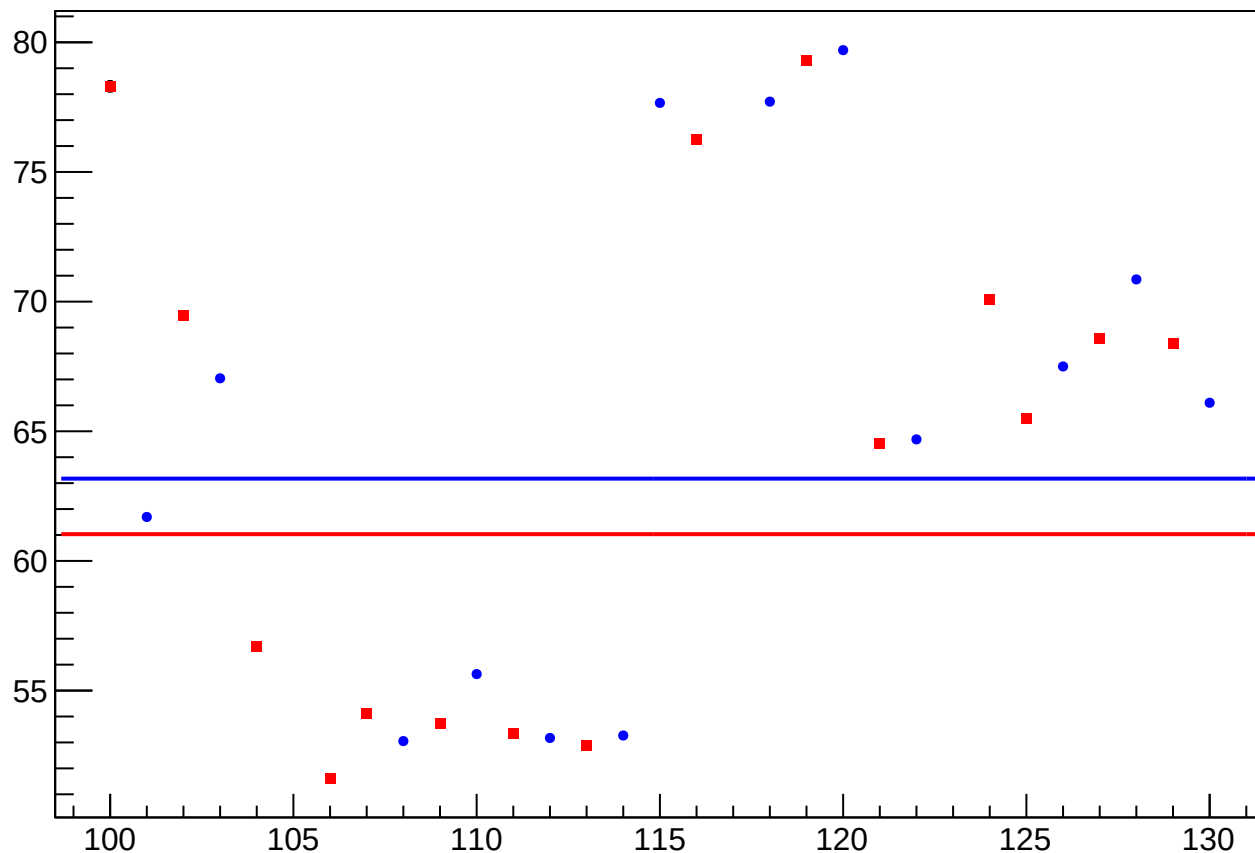
Right: 15.483+/-18.569 χ^2/NDF : 21.6/27

In: 56.461+/-27.119 χ^2/NDF : 9.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.483+/-18.569 χ^2/NDF : 21.6/27

cor_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 63.174+/-0.019 χ^2/NDF : 186257.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.032+/-0.018 χ^2/NDF : 233982.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

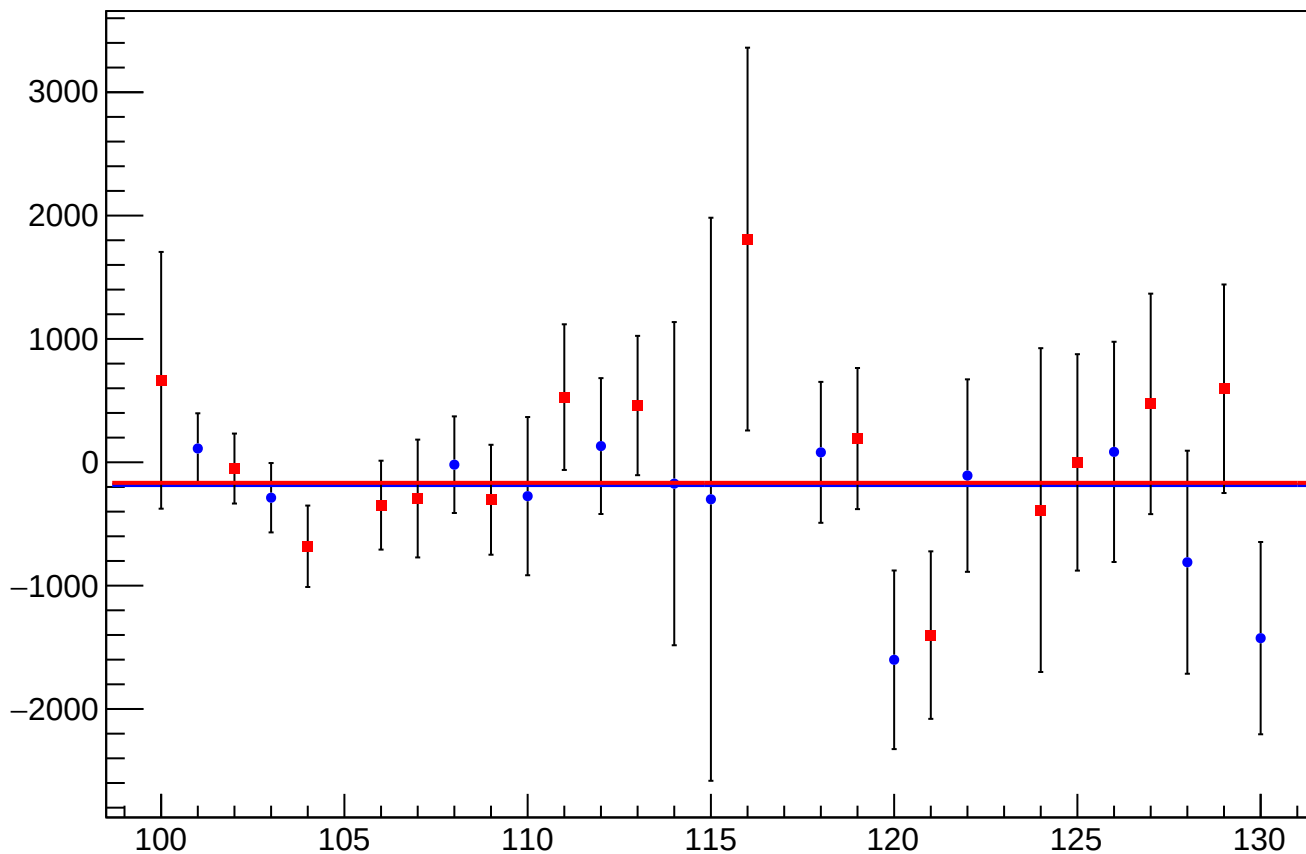
Right: 62.036+/-0.013 χ^2/NDF : 426869.4/27

In: 63.174+/-0.019 χ^2/NDF : 186257.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.036+/-0.013 χ^2/NDF : 426869.4/27

asym_sam_37_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -184.706+/-143.306 χ^2/NDF : 8.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -166.612+/-133.833 χ^2/NDF : 13.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

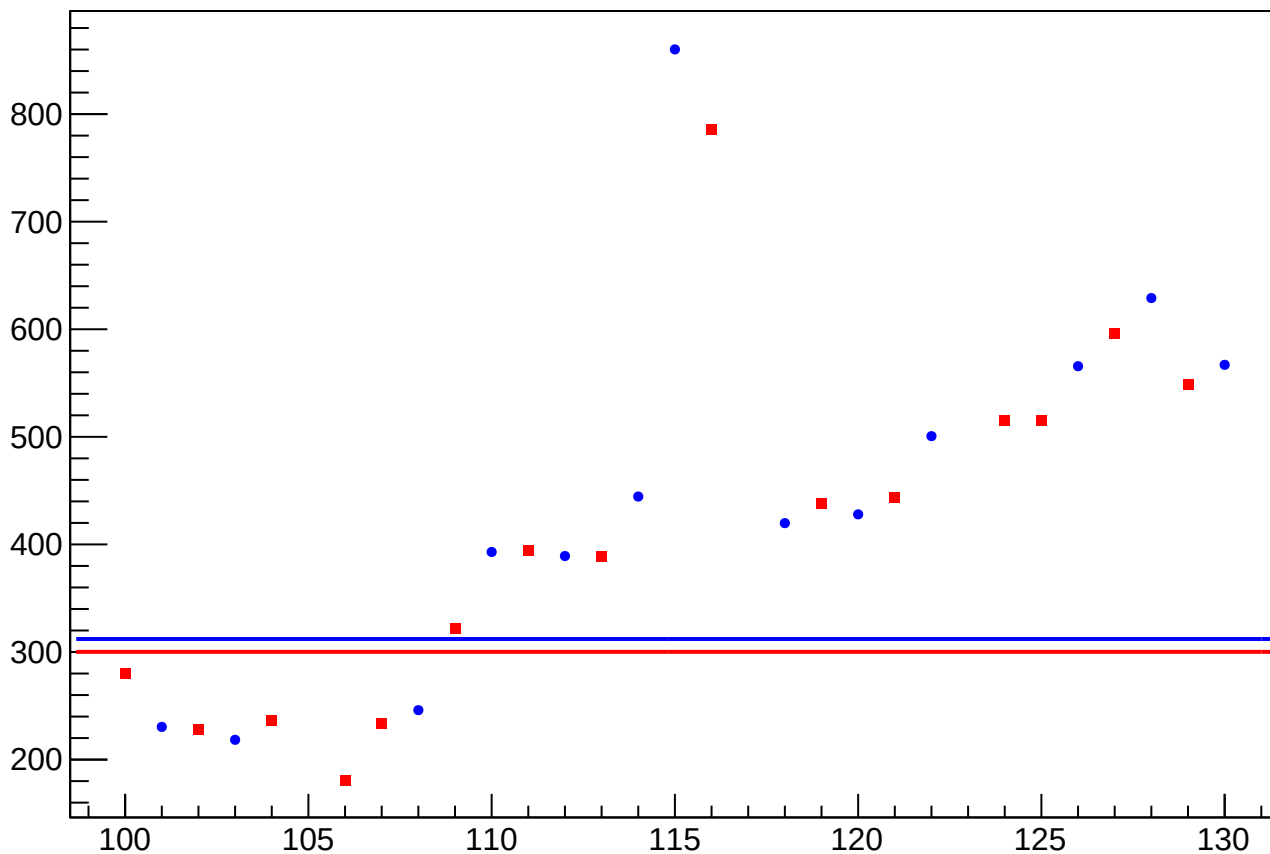
Right: -175.041+/-97.812 χ^2/NDF : 21.9/27

In: -184.706+/-143.306 χ^2/NDF : 8.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -175.041+/-97.812 χ^2/NDF : 21.9/27

asym_sam_37_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 312.093+/-0.101 χ^2/NDF : 1509785.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 300.157+/-0.095 χ^2/NDF : 1532196.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

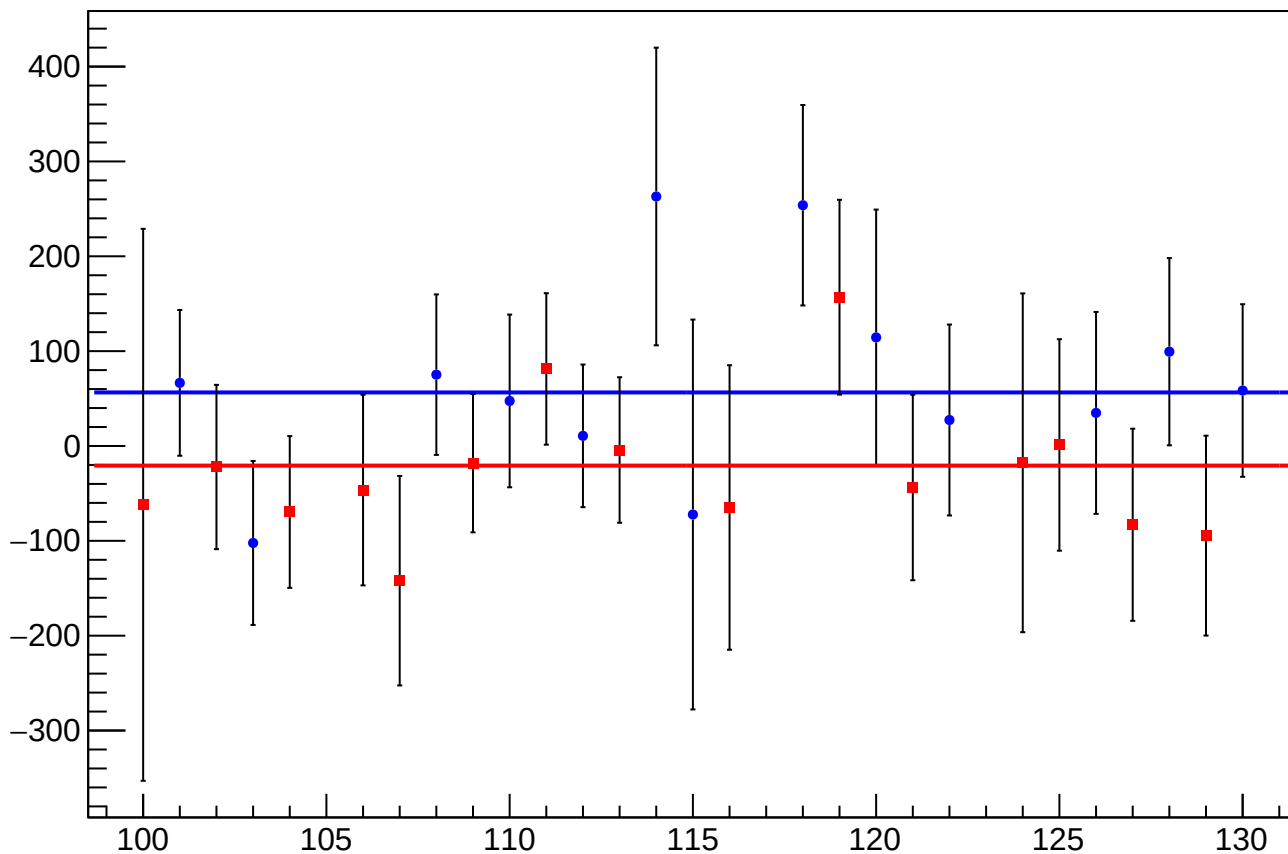
Right: 305.717+/-0.069 χ^2/NDF : 3049391.4/27

In: 312.093+/-0.101 χ^2/NDF :1509785.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 305.717+/-0.069 χ^2/NDF : 3049391.4/27

eigen_cor_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 56.461 $\pm$ 27.119 χ^2 /NDF: 9.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -20.687 $\pm$ 25.478 χ^2 /NDF: 7.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

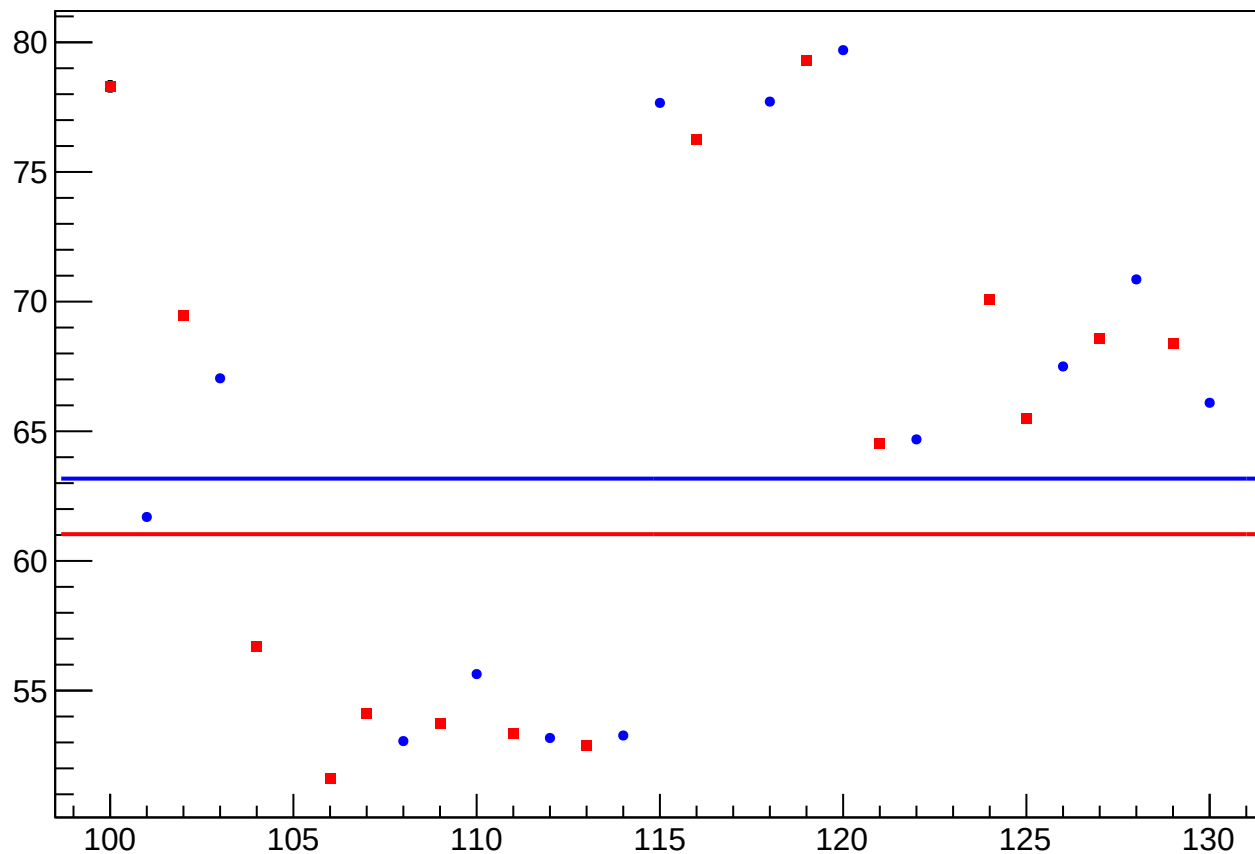
Right: 15.483 $\pm$ 18.569 χ^2 /NDF: 21.6/27

In: 56.461 $\pm$ 27.119 χ^2 /NDF:9.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 15.483 $\pm$ 18.569 χ^2 /NDF: 21.6/27

eigen_cor_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 63.174+/-0.019 χ^2/NDF : 186257.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.032+/-0.018 χ^2/NDF : 233982.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

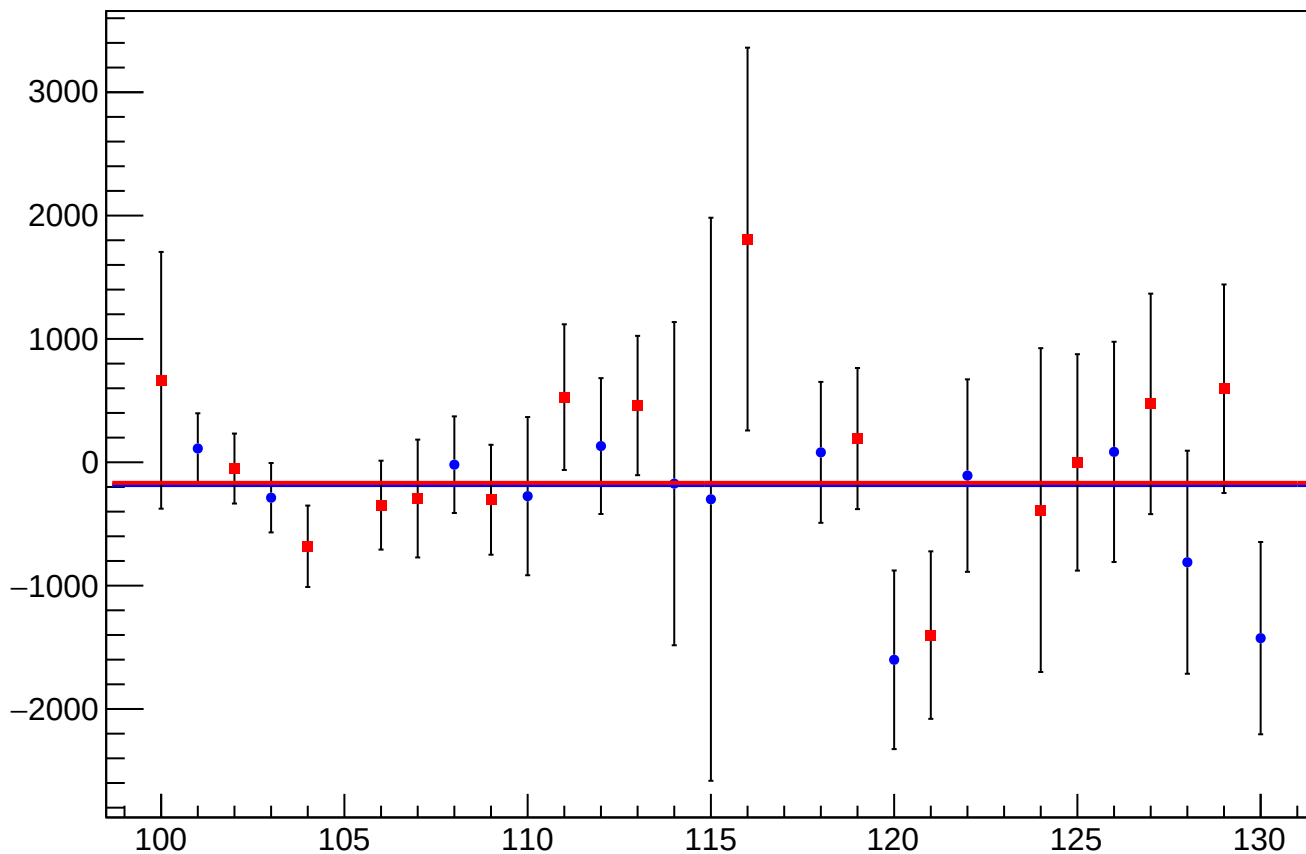
Right: 62.036+/-0.013 χ^2/NDF : 426869.4/27

In: 63.174+/-0.019 χ^2/NDF : 186257.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.036+/-0.013 χ^2/NDF : 426869.4/27

asym_sam_37_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -184.706+/-143.306 χ^2/NDF : 8.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -166.612+/-133.833 χ^2/NDF : 13.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

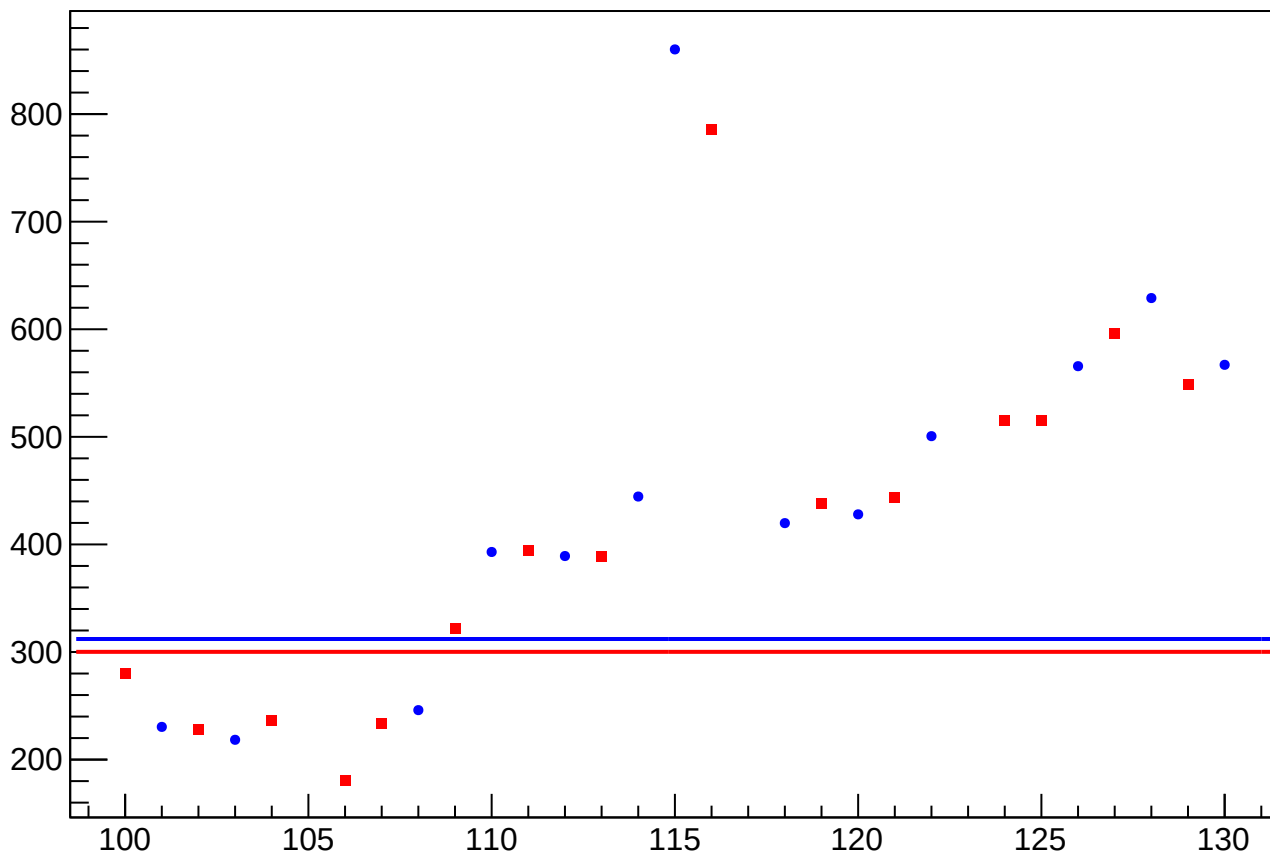
Right: -175.041+/-97.812 χ^2/NDF : 21.9/27

In: -184.706+/-143.306 χ^2/NDF : 8.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -175.041+/-97.812 χ^2/NDF : 21.9/27

asym_sam_37_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 312.093+/-0.101 χ^2/NDF : 1509785.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 300.157+/-0.095 χ^2/NDF : 1532196.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

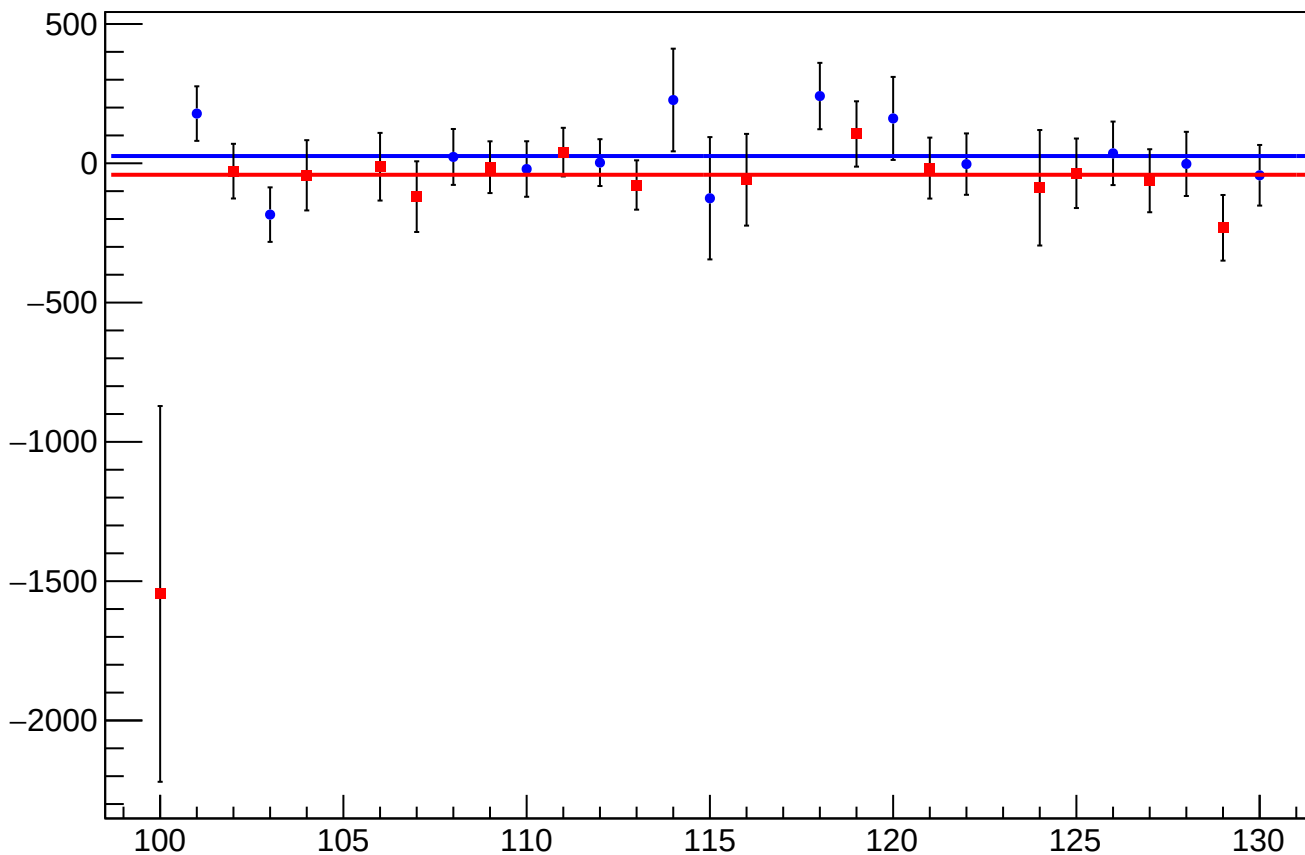
Right: 305.717+/-0.069 χ^2/NDF : 3049391.4/27

In: 312.093+/-0.101 χ^2/NDF : 1509785.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 305.717+/-0.069 χ^2/NDF : 3049391.4/27

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 26.066+/-31.082 χ^2/NDF : 13.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -41.199+/-30.093 χ^2/NDF : 10.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

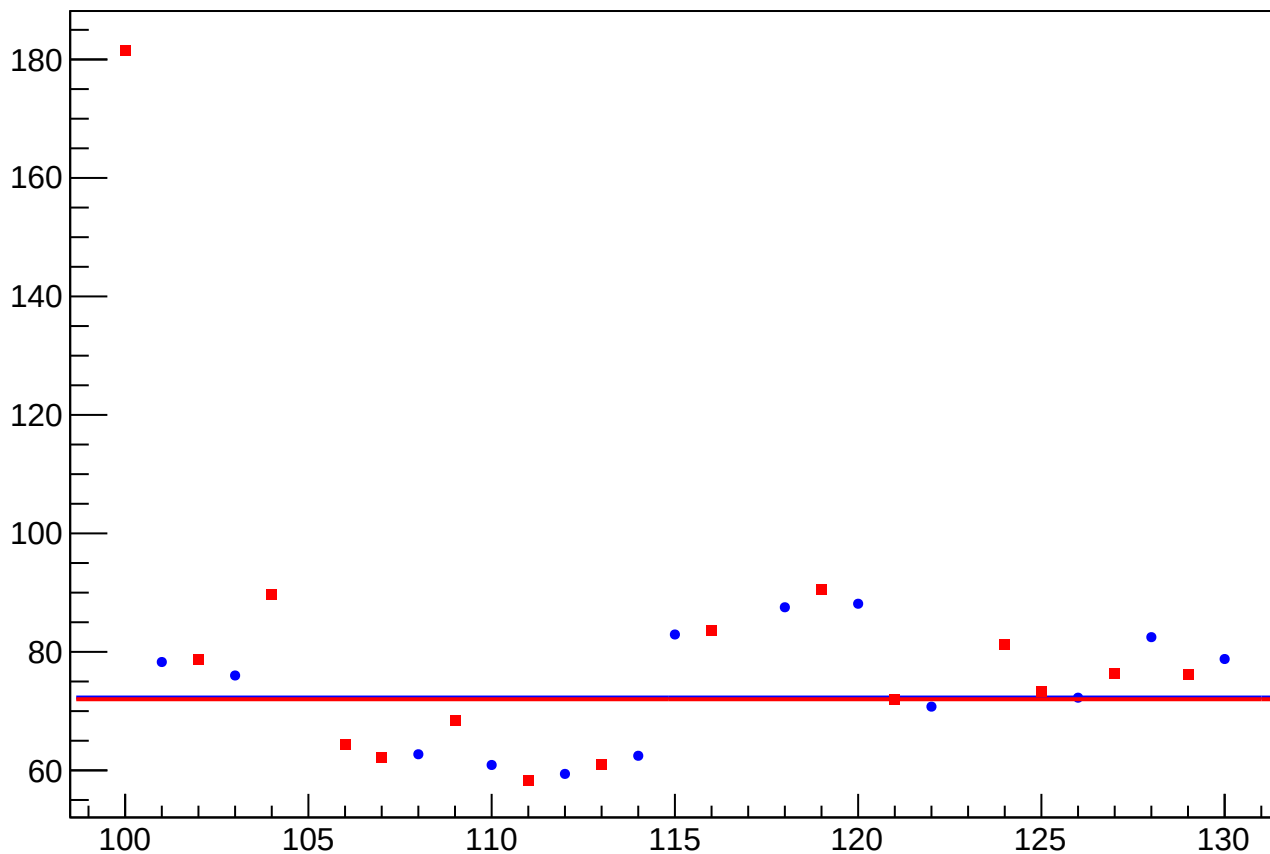
Right: -8.654+/-21.620 χ^2/NDF : 26.9/27

In: 26.066+/-31.082 χ^2/NDF : 13.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.654+/-21.620 χ^2/NDF : 26.9/27

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 72.293+/-0.022 χ^2/NDF : 190605.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.003+/-0.021 χ^2/NDF : 274285.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

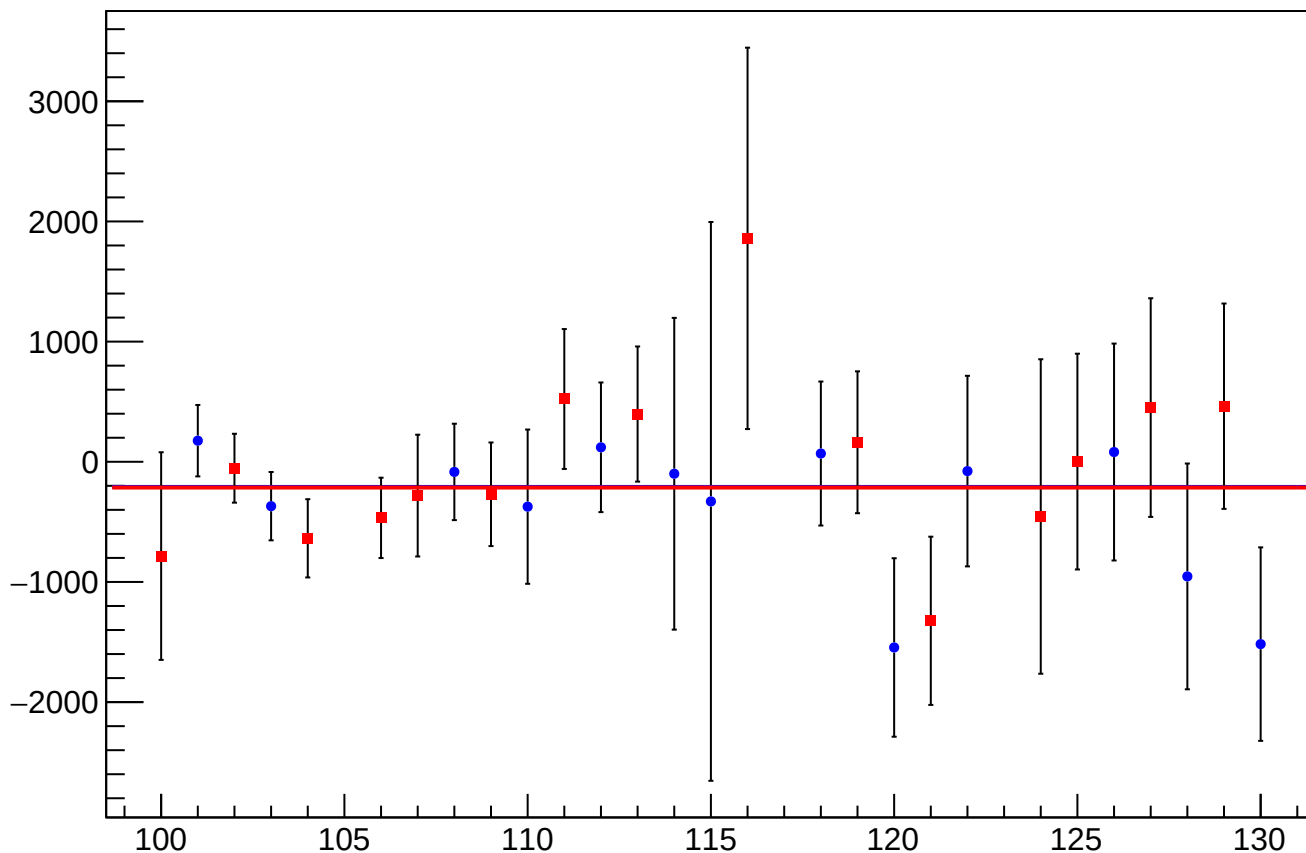
Right: 72.143+/-0.015 χ^2/NDF : 464980.1/27

In: 72.293+/-0.022 χ^2/NDF : 190605.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.143+/-0.015 χ^2/NDF : 464980.1/27

asym_sam_37_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -209.475+/-146.415 χ^2/NDF : 9.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -214.391+/-132.453 χ^2/NDF : 11.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

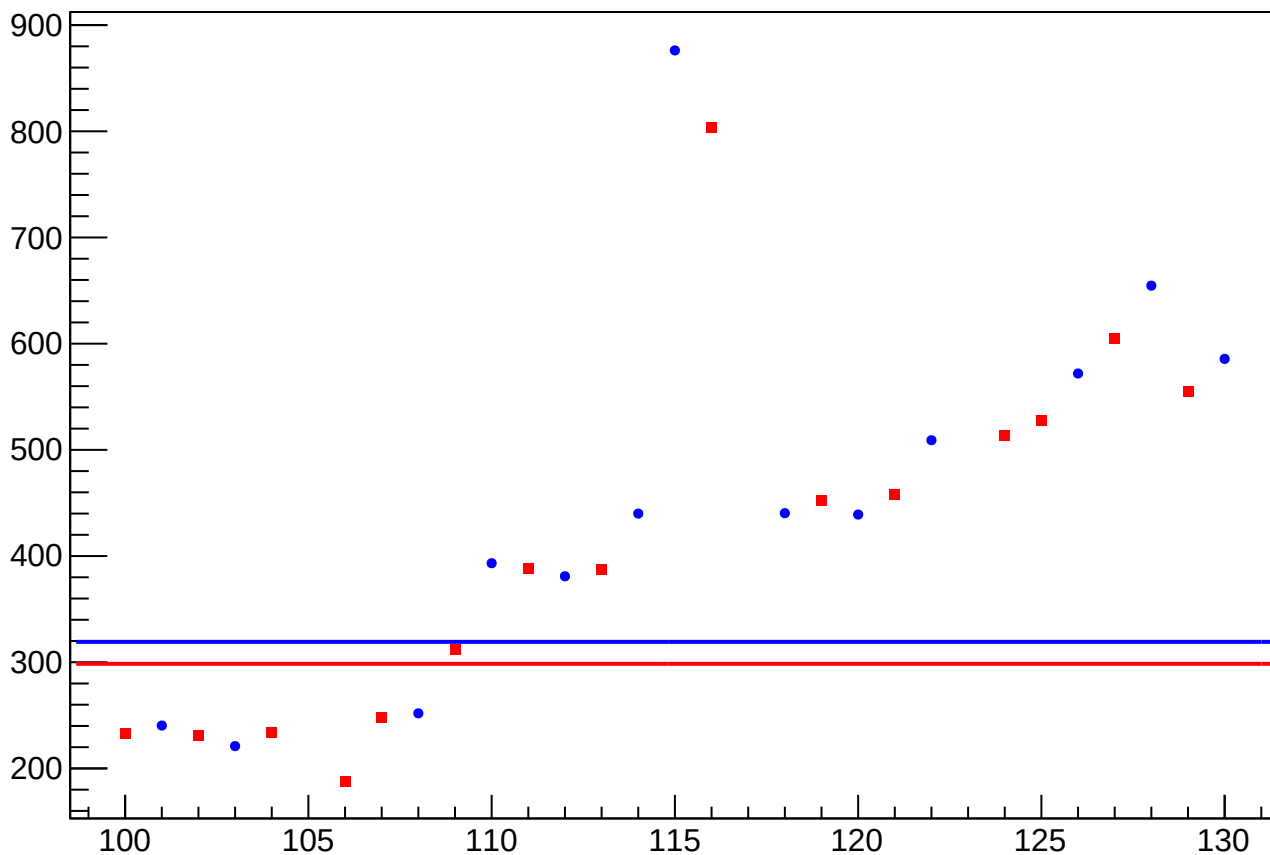
Right: -212.178+/-98.224 χ^2/NDF : 21.1/27

In: -209.475+/-146.415 χ^2/NDF :9.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -212.178+/-98.224 χ^2/NDF : 21.1/27

asym_sam_37_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 319.203+/-0.104 χ^2/NDF : 1499944.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 298.526+/-0.094 χ^2/NDF : 1575482.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

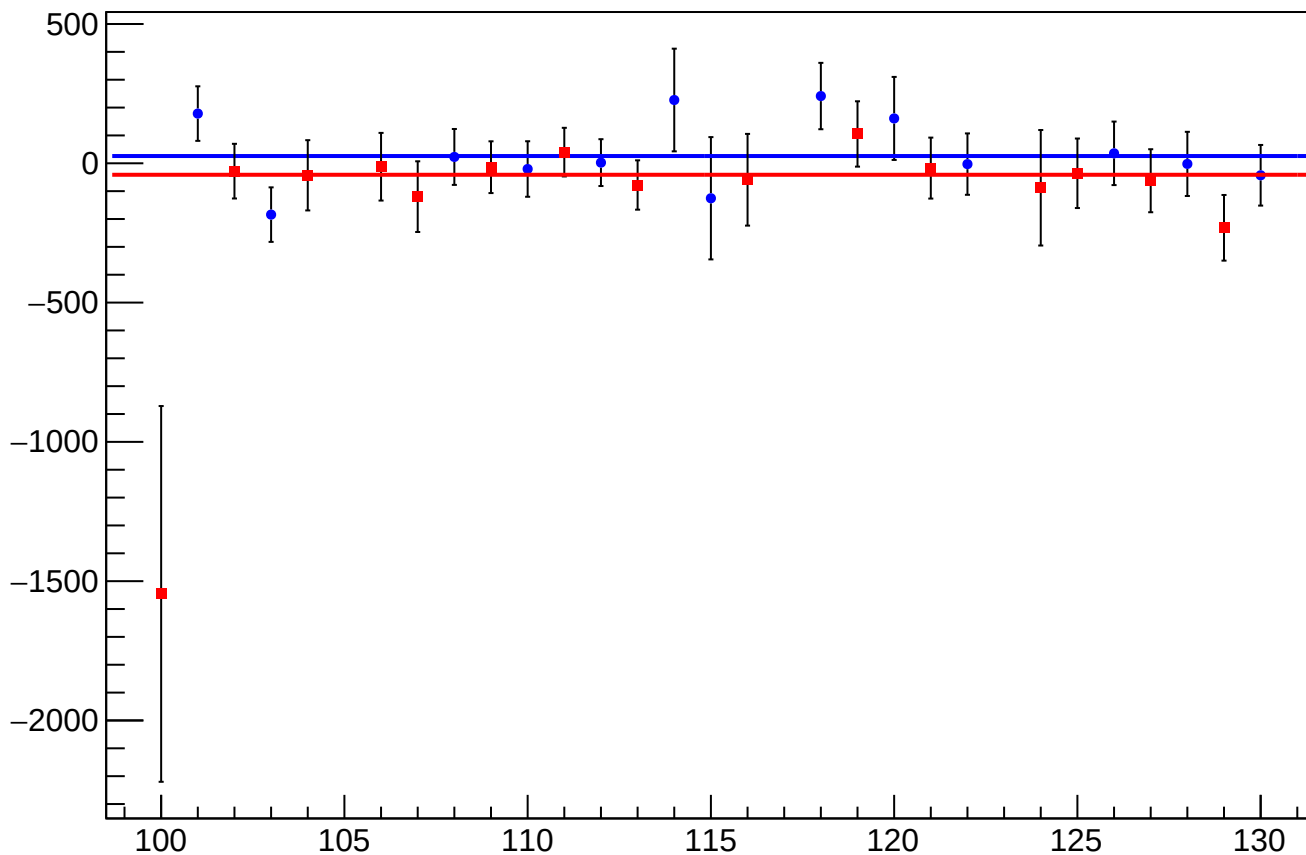
Right: 307.832+/-0.069 χ^2/NDF : 3097363.3/27

In: 319.203+/-0.104 χ^2/NDF :1499944.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 307.832+/-0.069 χ^2/NDF : 3097363.3/27

eigen_dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 26.066+/-31.082 χ^2/NDF : 13.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -41.199+/-30.093 χ^2/NDF : 10.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

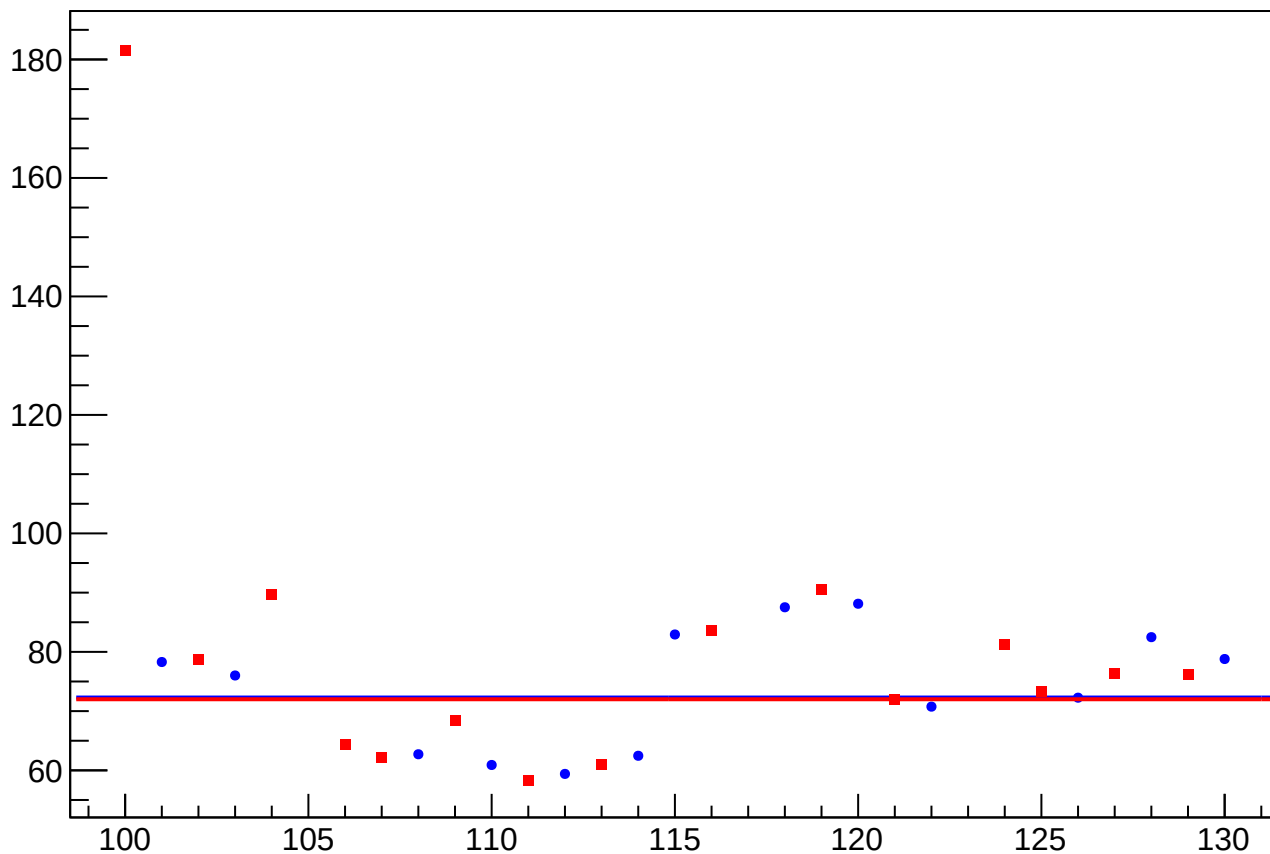
Right: -8.654+/-21.620 χ^2/NDF : 26.9/27

In: 26.066+/-31.082 χ^2/NDF : 13.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.654+/-21.620 χ^2/NDF : 26.9/27

eigen_dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 72.293+/-0.022 χ^2/NDF : 190604.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.003+/-0.021 χ^2/NDF : 274289.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

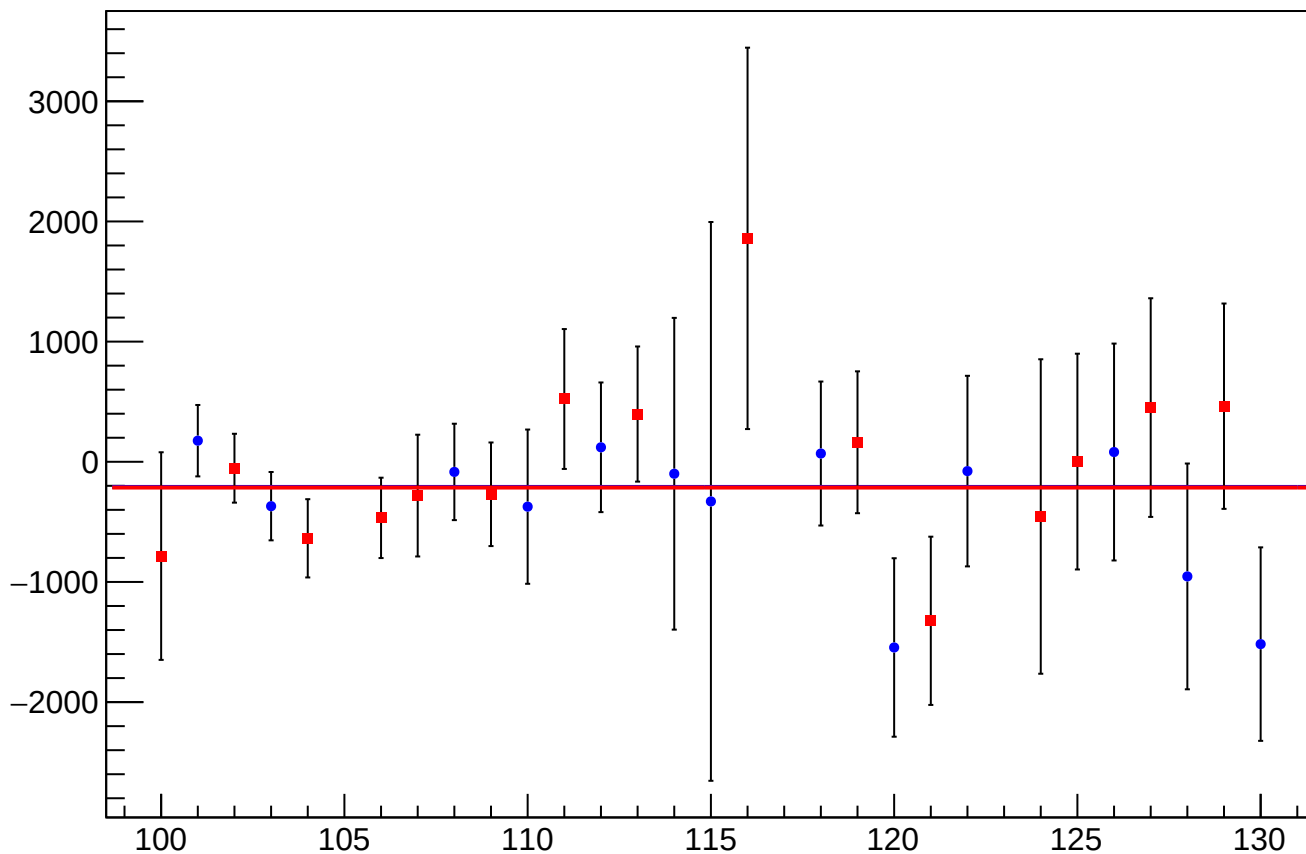
Right: 72.143+/-0.015 χ^2/NDF : 464984.2/27

In: 72.293+/-0.022 χ^2/NDF : 190604.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.143+/-0.015 χ^2/NDF : 464984.2/27

asym_sam_37_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -209.475 ± 146.415 χ^2/NDF : 9.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -214.391 ± 132.453 χ^2/NDF : 11.7/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

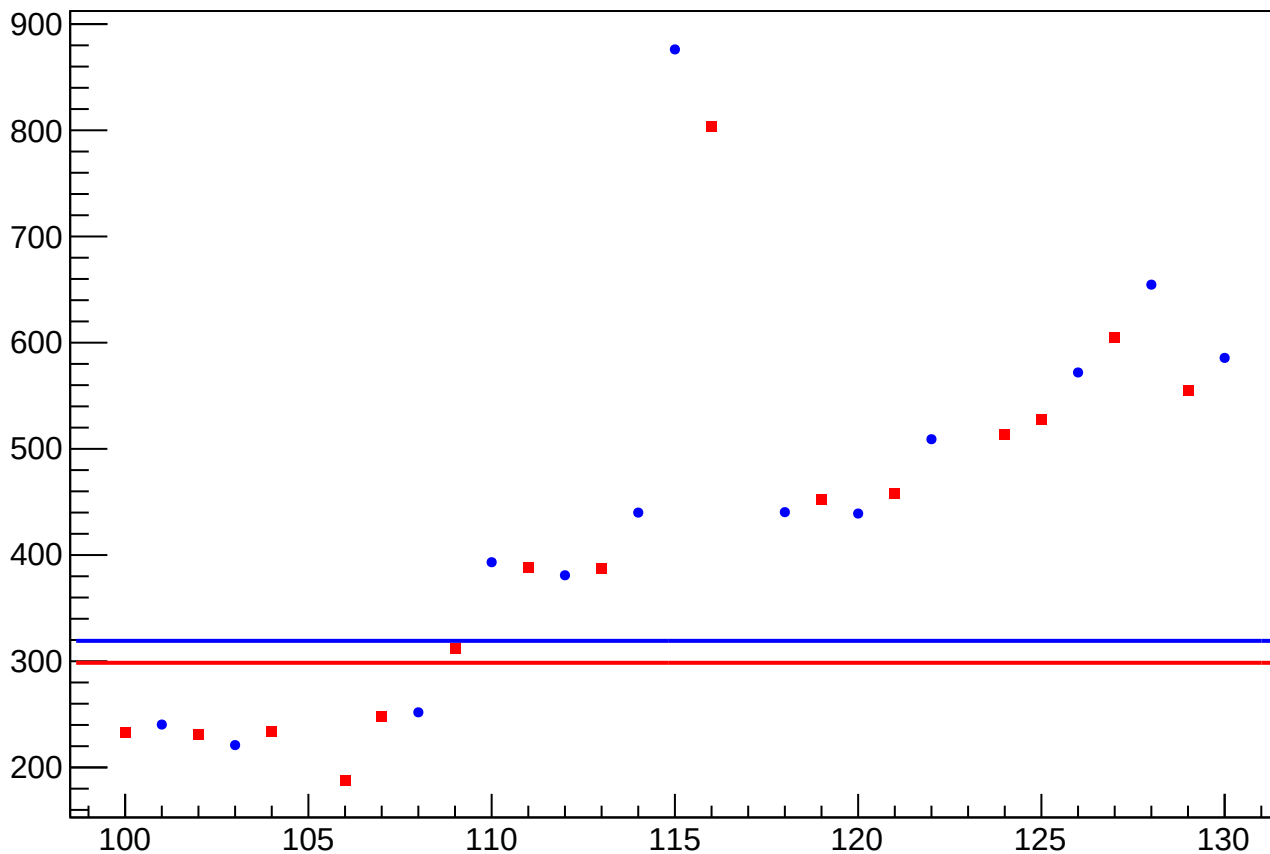
Right: -212.179 ± 98.224 χ^2/NDF : 21.1/27

In: -209.475 ± 146.415 χ^2/NDF : 9.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -212.179 ± 98.224 χ^2/NDF : 21.1/27

asym_sam_37_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 319.203+/-0.104 χ^2/NDF : 1499944.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 298.526+/-0.094 χ^2/NDF : 1575481.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

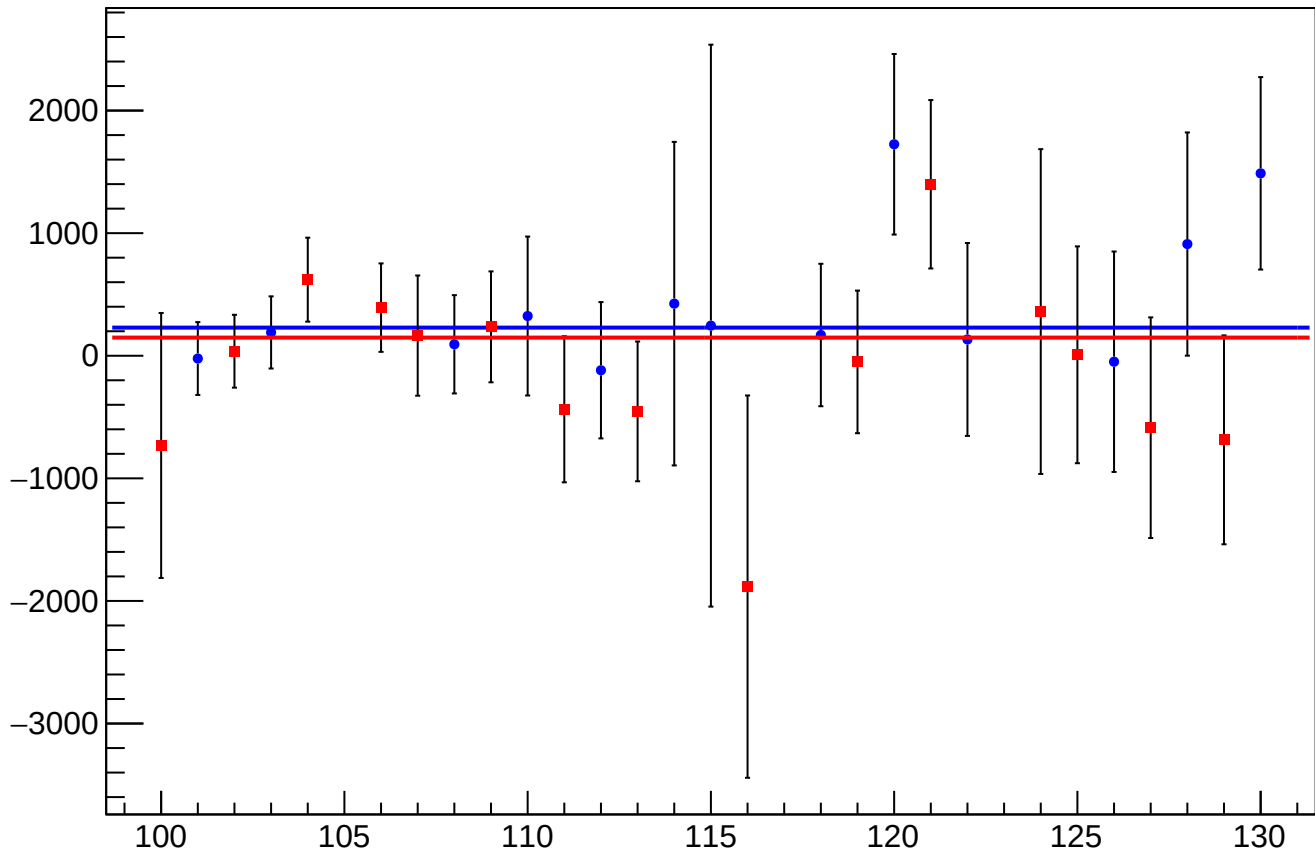
Right: 307.832+/-0.069 χ^2/NDF : 3097363.5/27

In: 319.203+/-0.104 χ^2/NDF :1499944.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 307.832+/-0.069 χ^2/NDF : 3097363.5/27

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 229.551 $\pm$ 147.505 χ^2 /NDF: 8.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 148.196 $\pm$ 136.996 χ^2 /NDF: 12.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

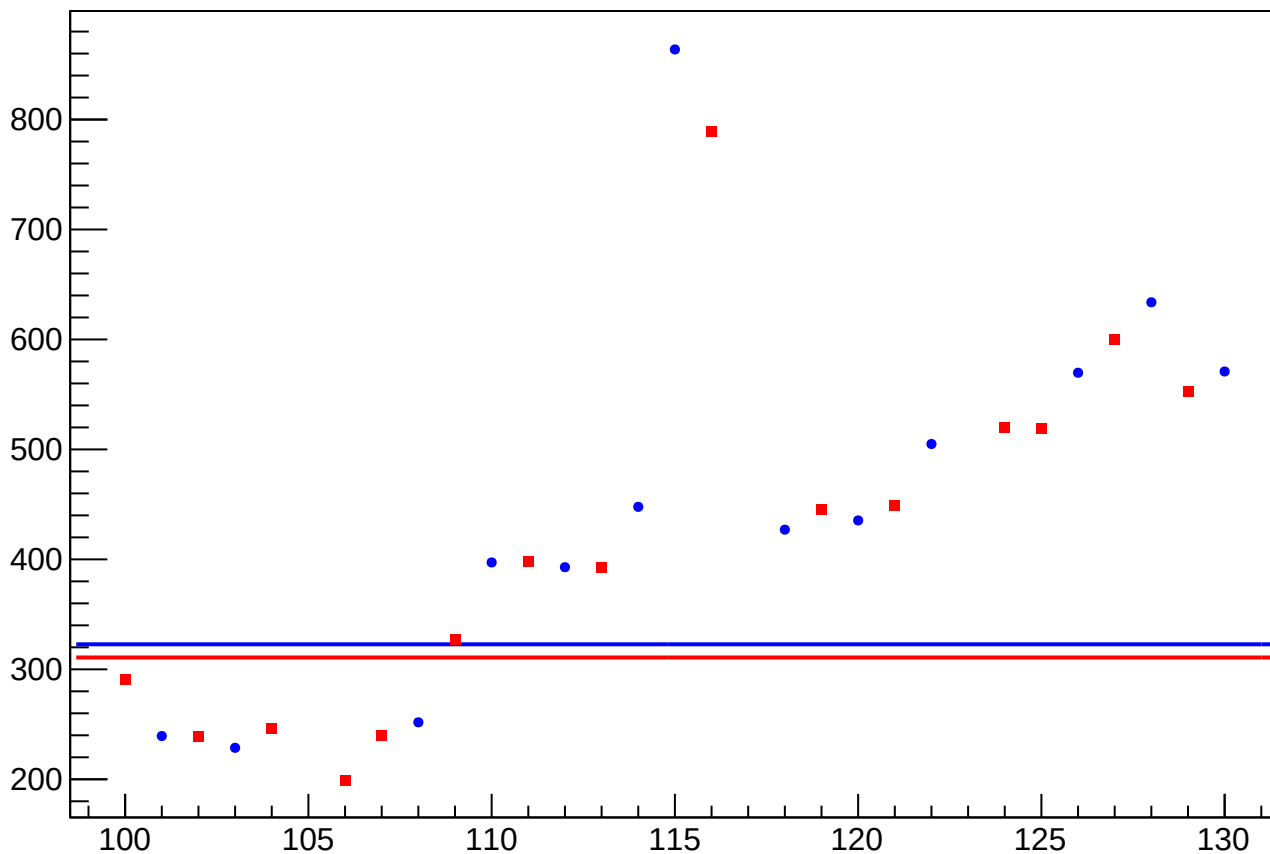
Right: 185.872 $\pm$ 100.381 χ^2 /NDF: 20.9/27

In: 229.551 $\pm$ 147.505 χ^2 /NDF:8.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 185.872 $\pm$ 100.381 χ^2 /NDF: 20.9/27

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 322.763+/-0.104 χ^2/NDF : 1414973.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 310.772+/-0.097 χ^2/NDF : 1414333.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

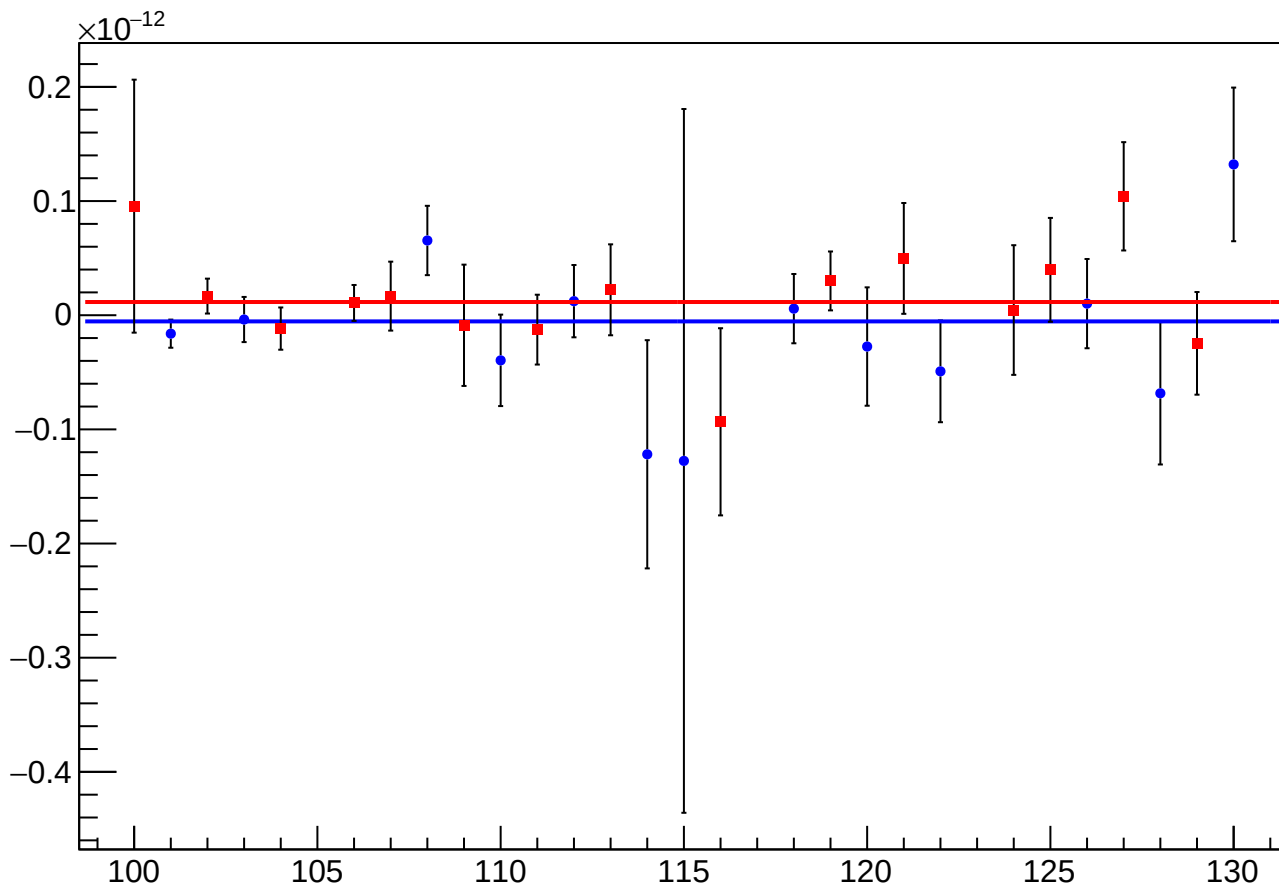
Right: 316.325+/-0.071 χ^2/NDF : 2836402.6/27

In: 322.763+/-0.104 χ^2/NDF : 1414973.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 316.325+/-0.071 χ^2/NDF : 2836402.6/27

asym_sam_37_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 15.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 10.8/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

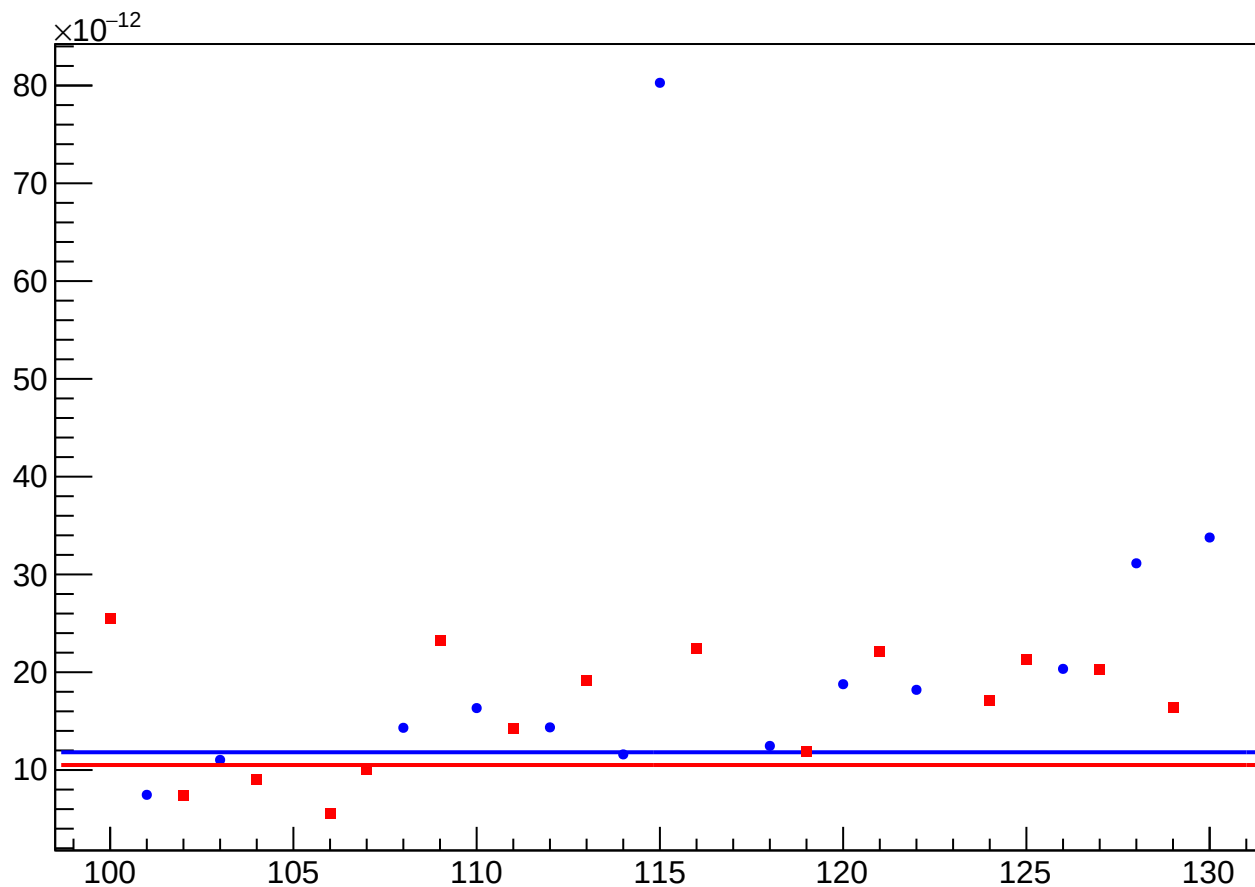
Right: 0.000+/-0.000 χ^2 /NDF: 28.6/27

In: -0.000+/-0.000 χ^2 /NDF:15.4/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 28.6/27

asym_sam_37_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 981485.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 993604.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

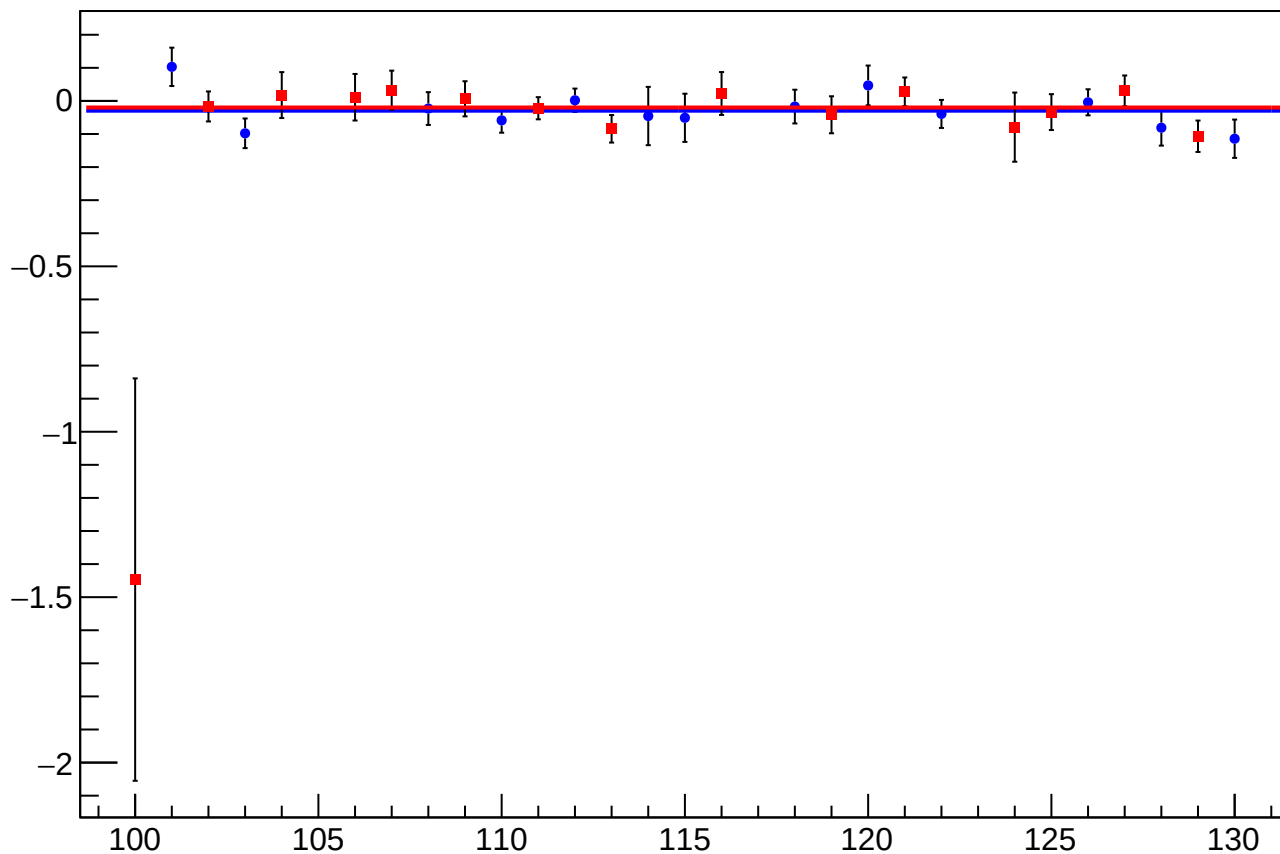
Right: 0.000+/-0.000 χ^2/NDF : 2003162.5/27

In: 0.000+/-0.000 χ^2/NDF : 981485.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2003162.5/27

asym_sam_37_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030+/-0.013 χ^2/NDF : 14.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.020+/-0.014 χ^2/NDF : 16.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

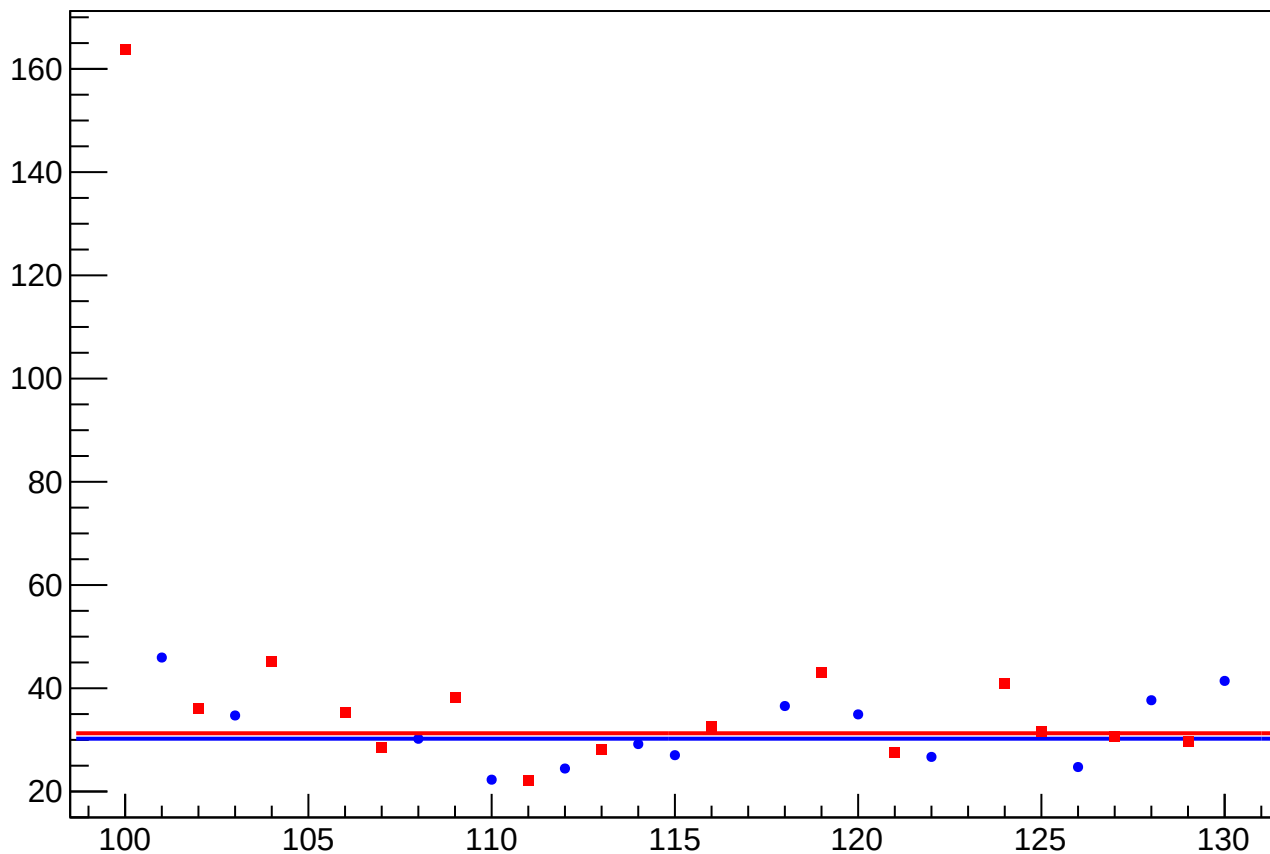
Right: -0.025+/-0.010 χ^2/NDF : 30.7/27

In: -0.030+/-0.013 χ^2/NDF :14.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.025+/-0.010 χ^2/NDF : 30.7/27

asym_sam_37_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.230+/-0.009 χ^2/NDF : 523964.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.283+/-0.010 χ^2/NDF : 527284.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

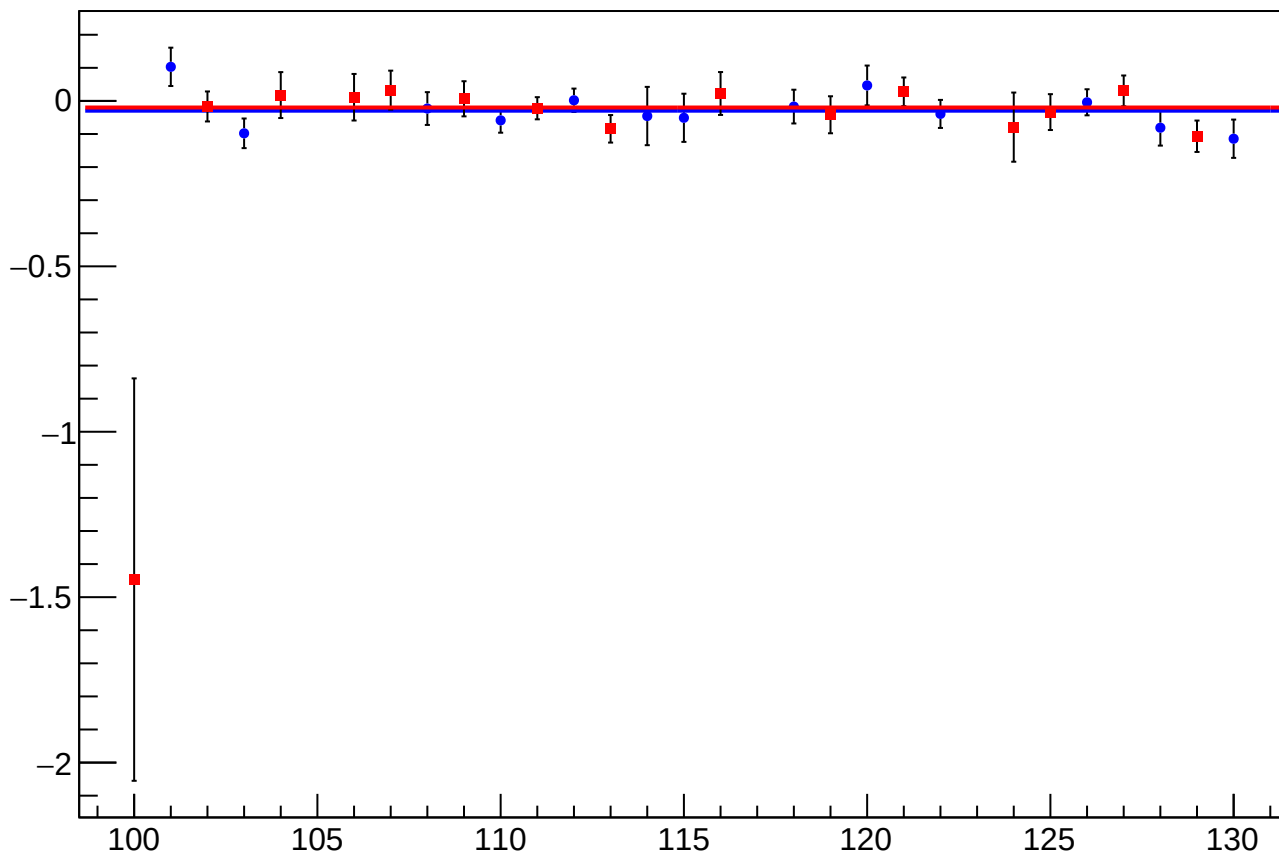
Right: 30.752+/-0.007 χ^2/NDF : 1057334.8/27

In: 30.230+/-0.009 χ^2/NDF : 523964.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.752+/-0.007 χ^2/NDF : 1057334.8/27

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030+/-0.013 χ^2/NDF : 14.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.020+/-0.014 χ^2/NDF : 16.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

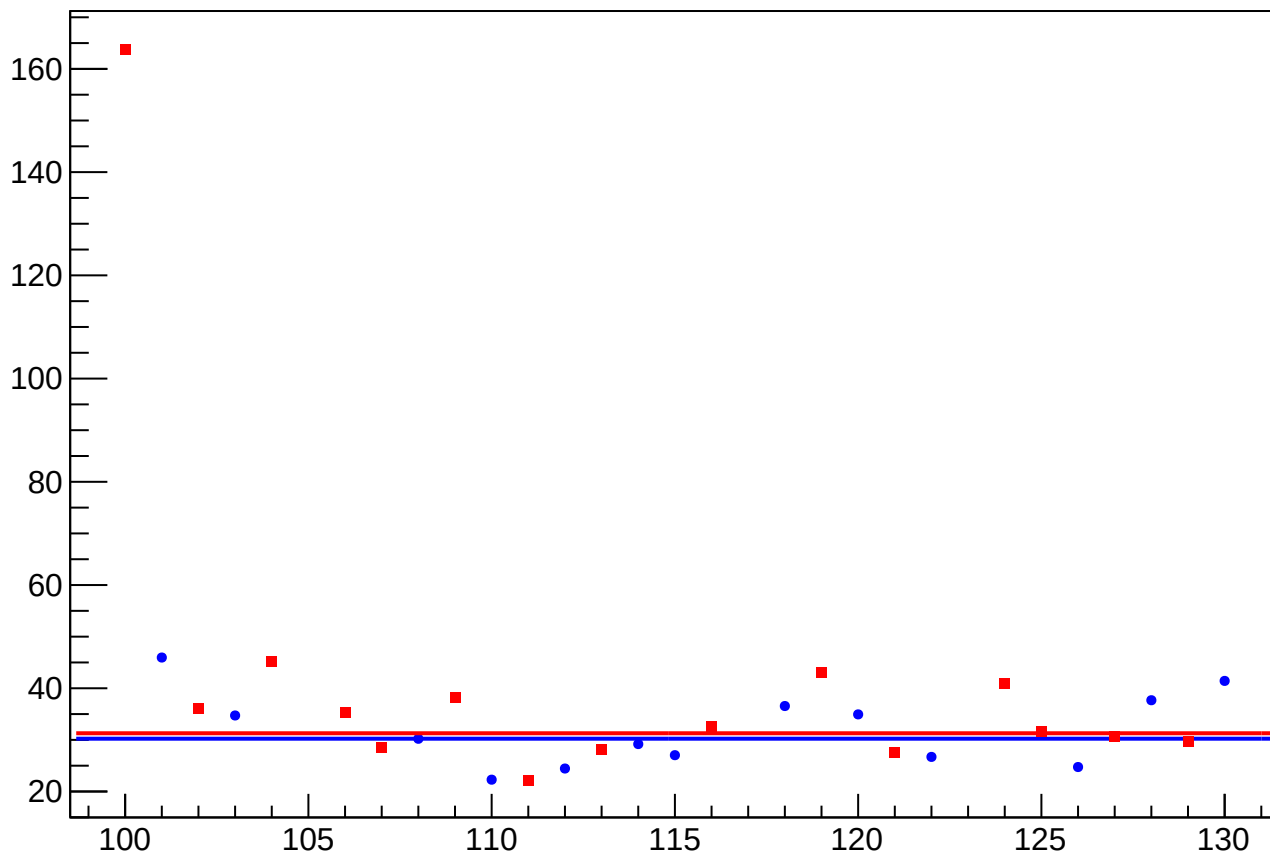
Right: -0.025+/-0.010 χ^2/NDF : 30.7/27

In: -0.030+/-0.013 χ^2/NDF :14.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.025+/-0.010 χ^2/NDF : 30.7/27

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.230+/-0.009 χ^2/NDF : 523964.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.283+/-0.010 χ^2/NDF : 527284.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

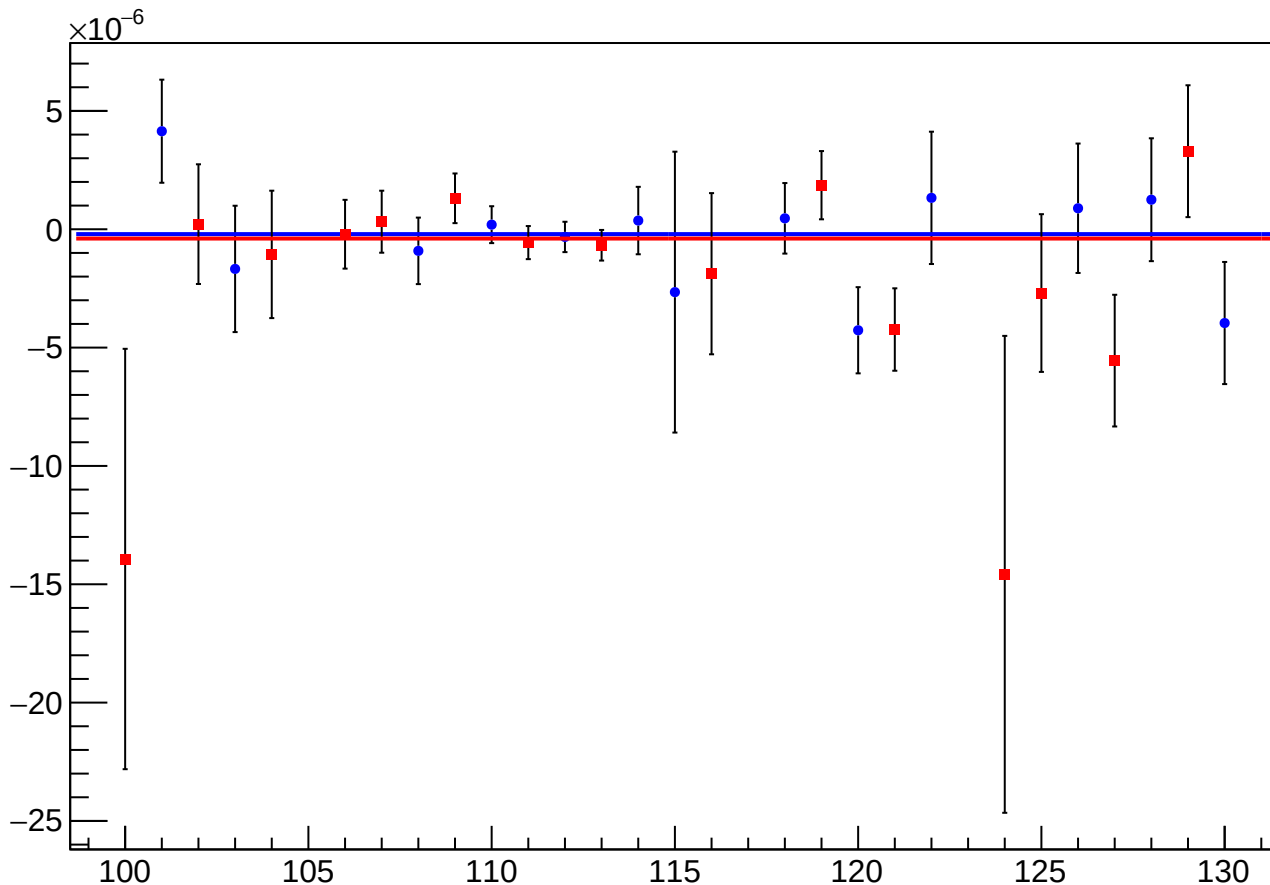
Right: 30.752+/-0.007 χ^2/NDF : 1057334.8/27

In: 30.230+/-0.009 χ^2/NDF : 523964.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.752+/-0.007 χ^2/NDF : 1057334.8/27

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 13.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 20.8/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

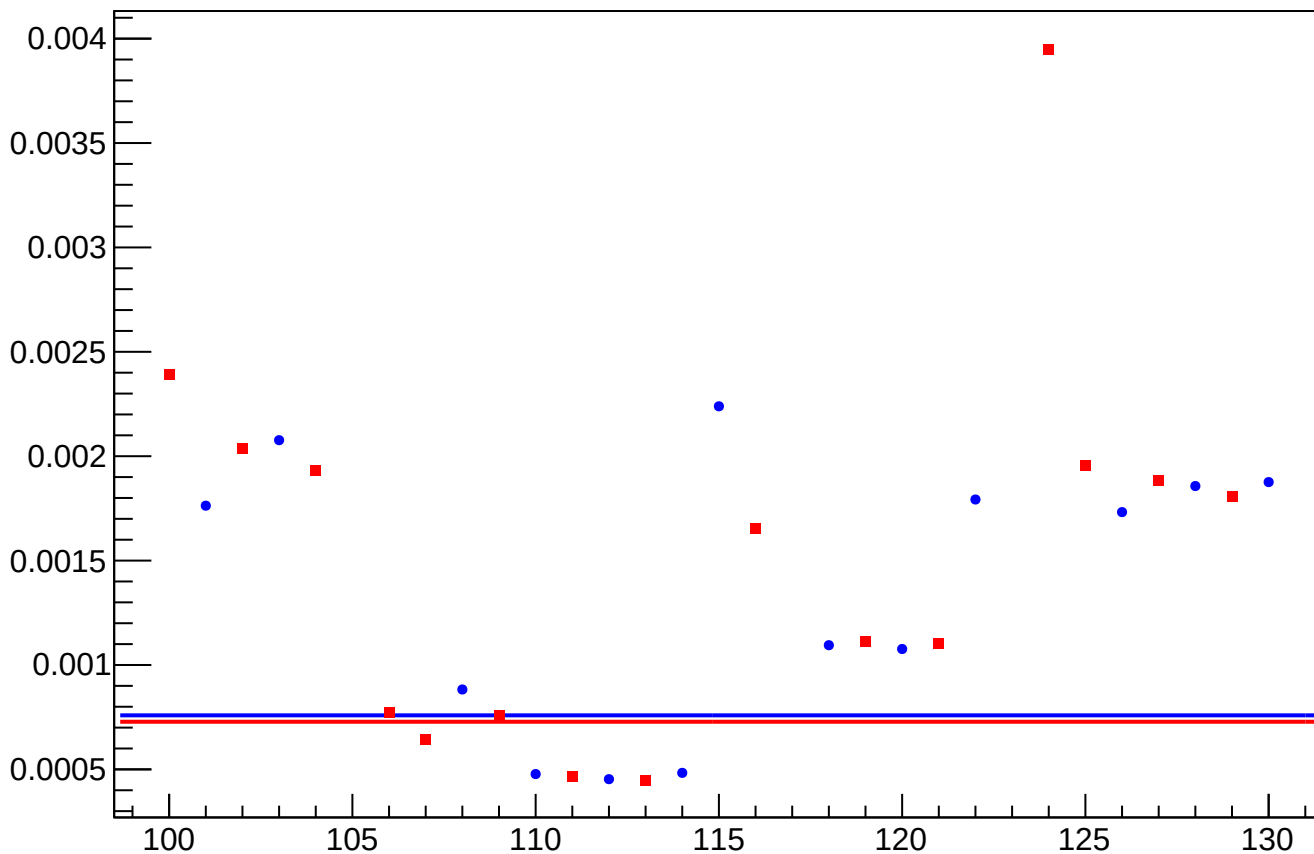
Right: -0.000+/-0.000 χ^2 /NDF: 34.2/27

In: -0.000+/-0.000 χ^2 /NDF:13.2/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 34.2/27

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 3264738.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3181417.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

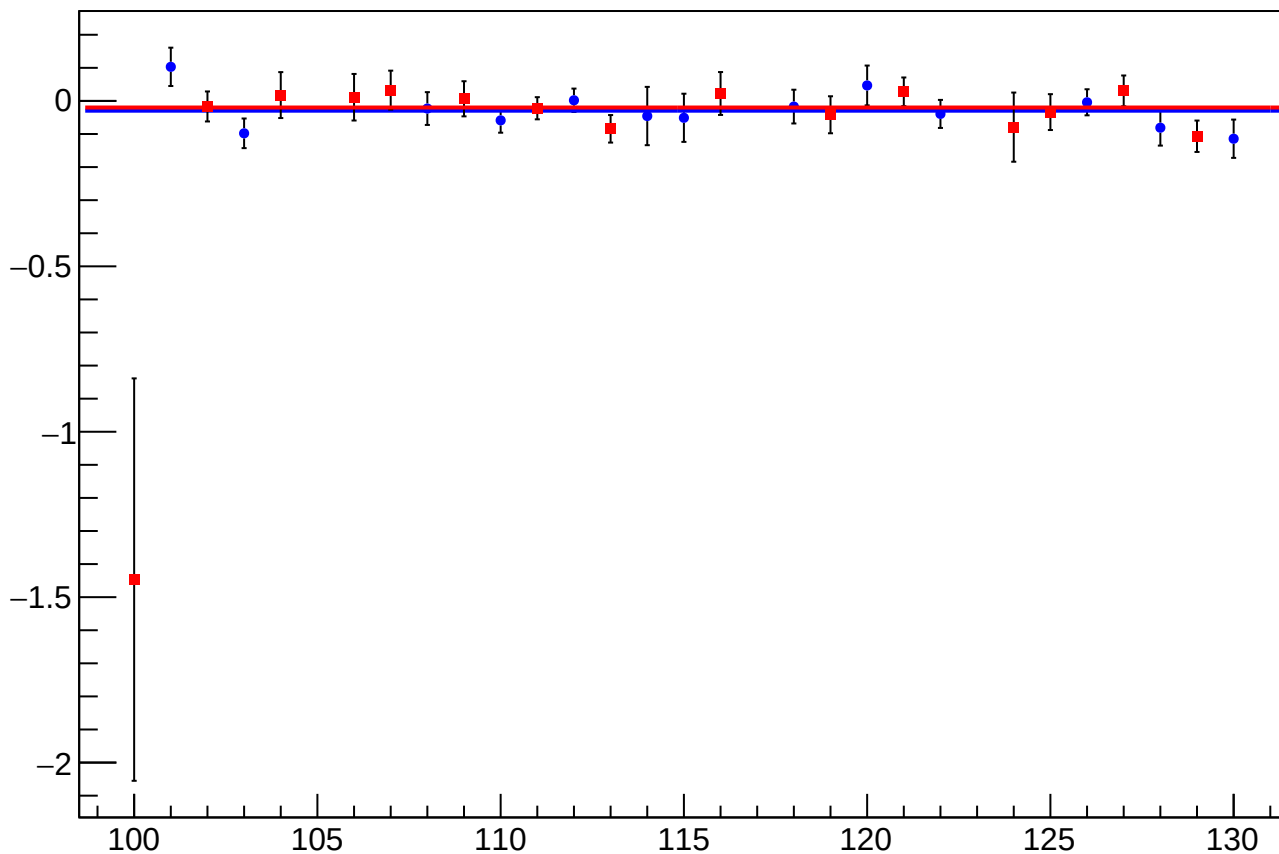
Right: 0.001+/-0.000 χ^2/NDF : 6453032.1/27

In: 0.001+/-0.000 χ^2/NDF :3264738.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6453032.1/27

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030 ± 0.013 χ^2/NDF : 14.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.020 ± 0.014 χ^2/NDF : 16.1/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

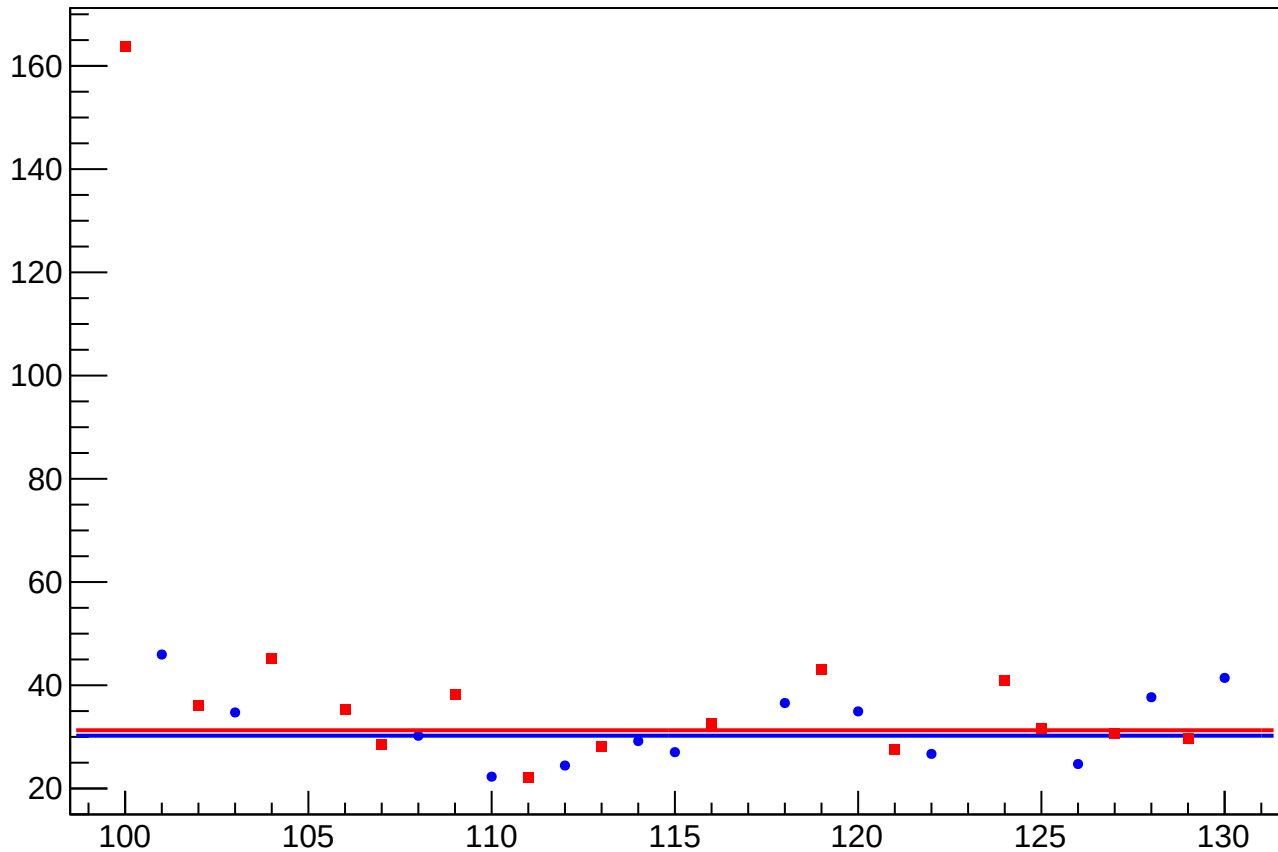
Right: -0.025 ± 0.010 χ^2/NDF : 30.7/27

In: -0.030 ± 0.013 χ^2/NDF : 14.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.025 ± 0.010 χ^2/NDF : 30.7/27

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.230+/-0.009 χ^2/NDF : 523944.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.283+/-0.010 χ^2/NDF : 527290.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

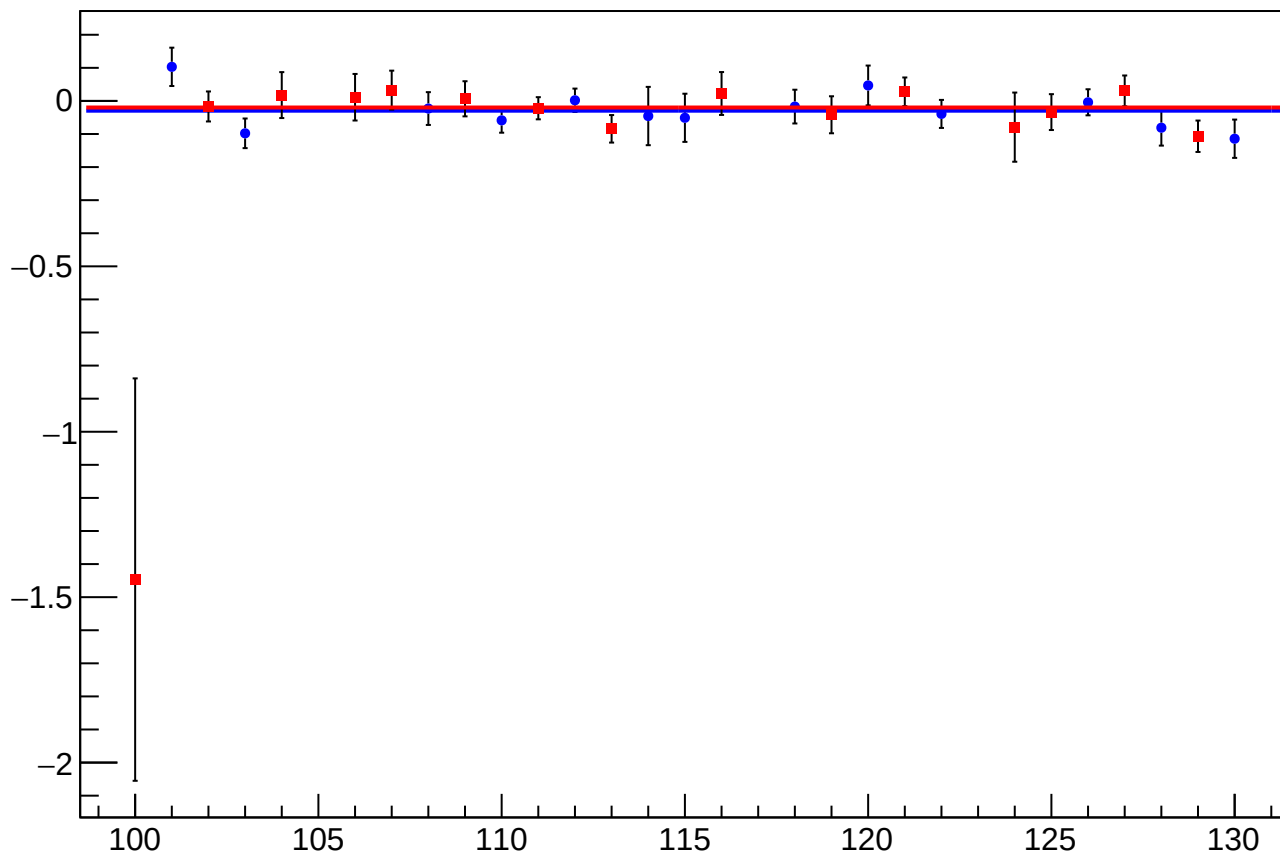
Right: 30.752+/-0.007 χ^2/NDF : 1057320.2/27

In: 30.230+/-0.009 χ^2/NDF : 523944.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.752+/-0.007 χ^2/NDF : 1057320.2/27

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030+/-0.013 χ^2/NDF : 14.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.020+/-0.014 χ^2/NDF : 16.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

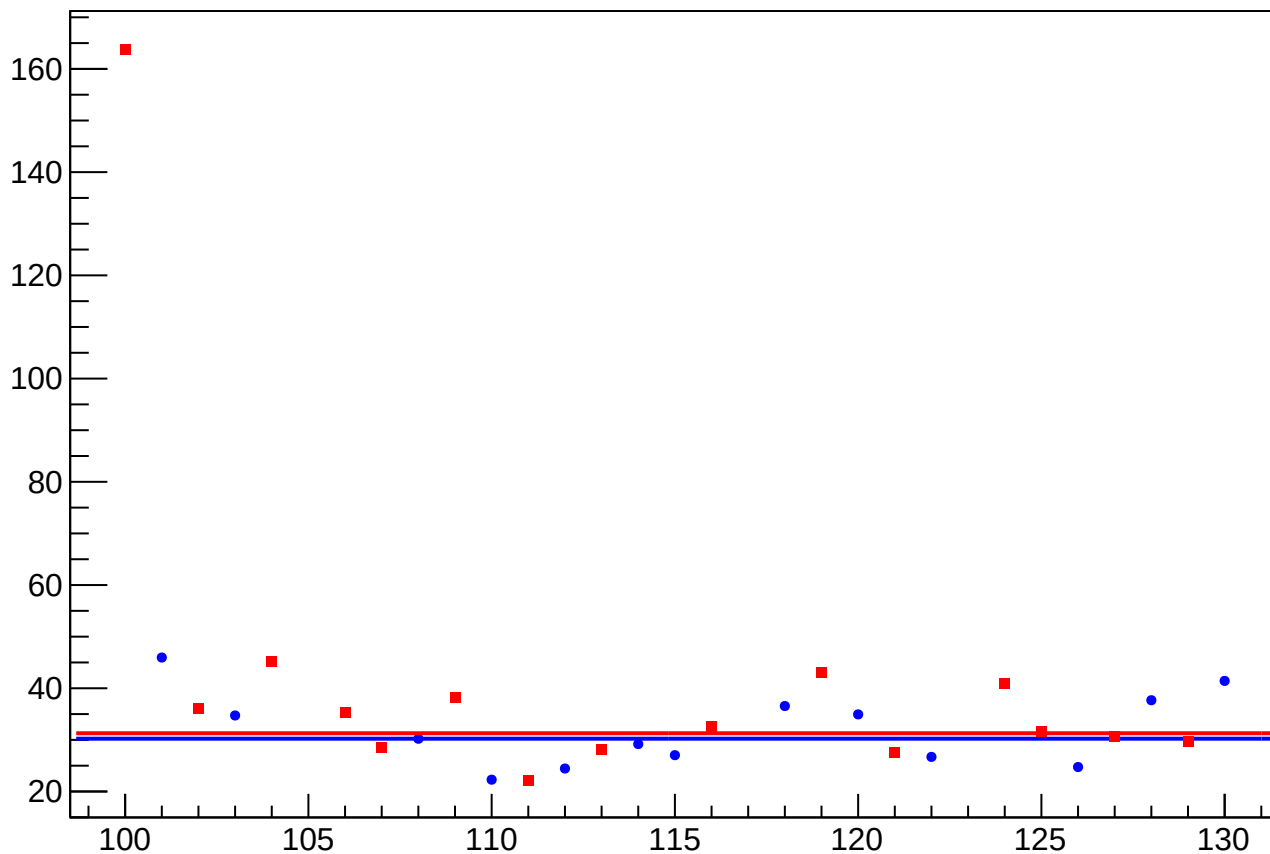
Right: -0.025+/-0.010 χ^2/NDF : 30.7/27

In: -0.030+/-0.013 χ^2/NDF : 14.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.025+/-0.010 χ^2/NDF : 30.7/27

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.230+/-0.009 χ^2/NDF : 523944.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.283+/-0.010 χ^2/NDF : 527290.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

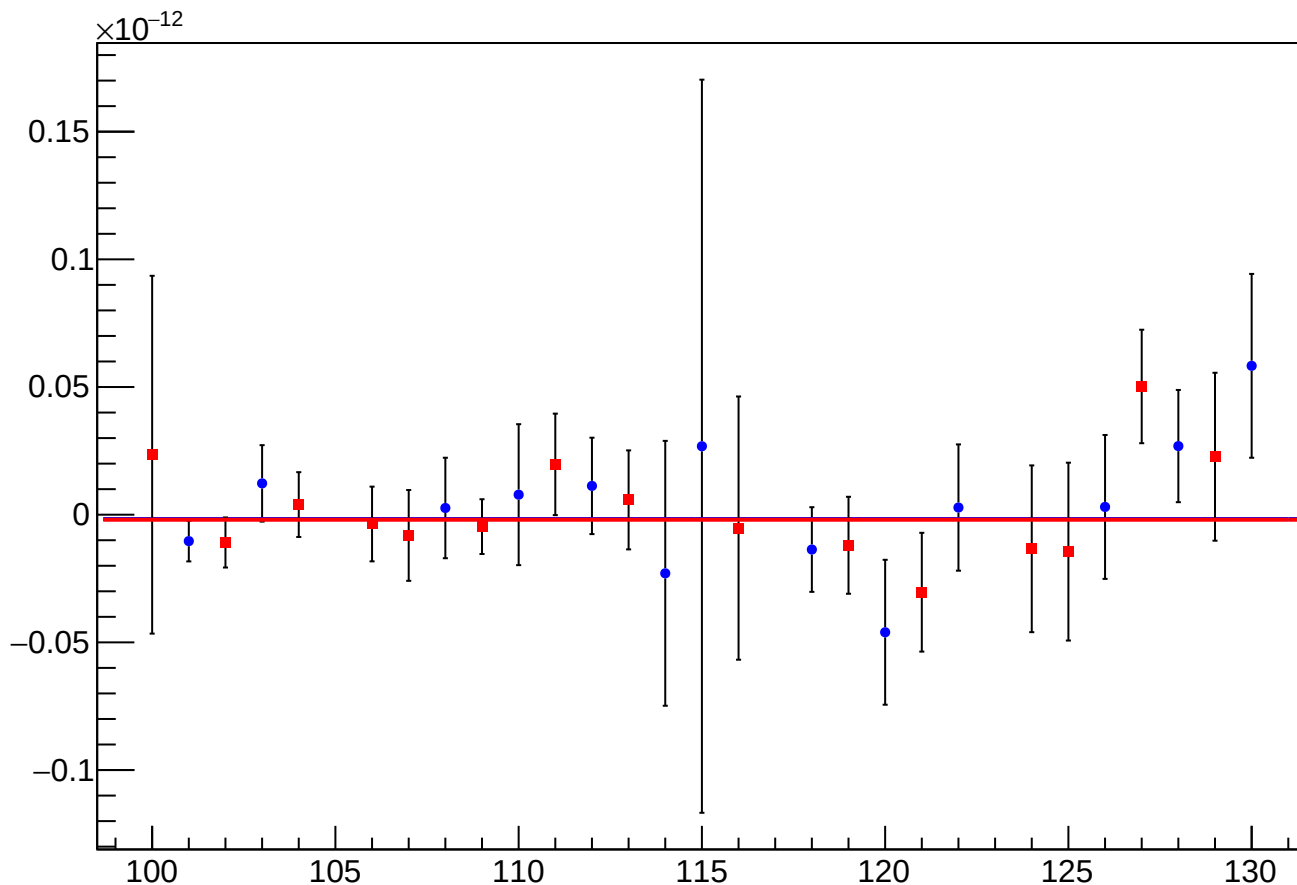
Right: 30.752+/-0.007 χ^2/NDF : 1057320.2/27

In: 30.230+/-0.009 χ^2/NDF : 523944.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.752+/-0.007 χ^2/NDF : 1057320.2/27

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

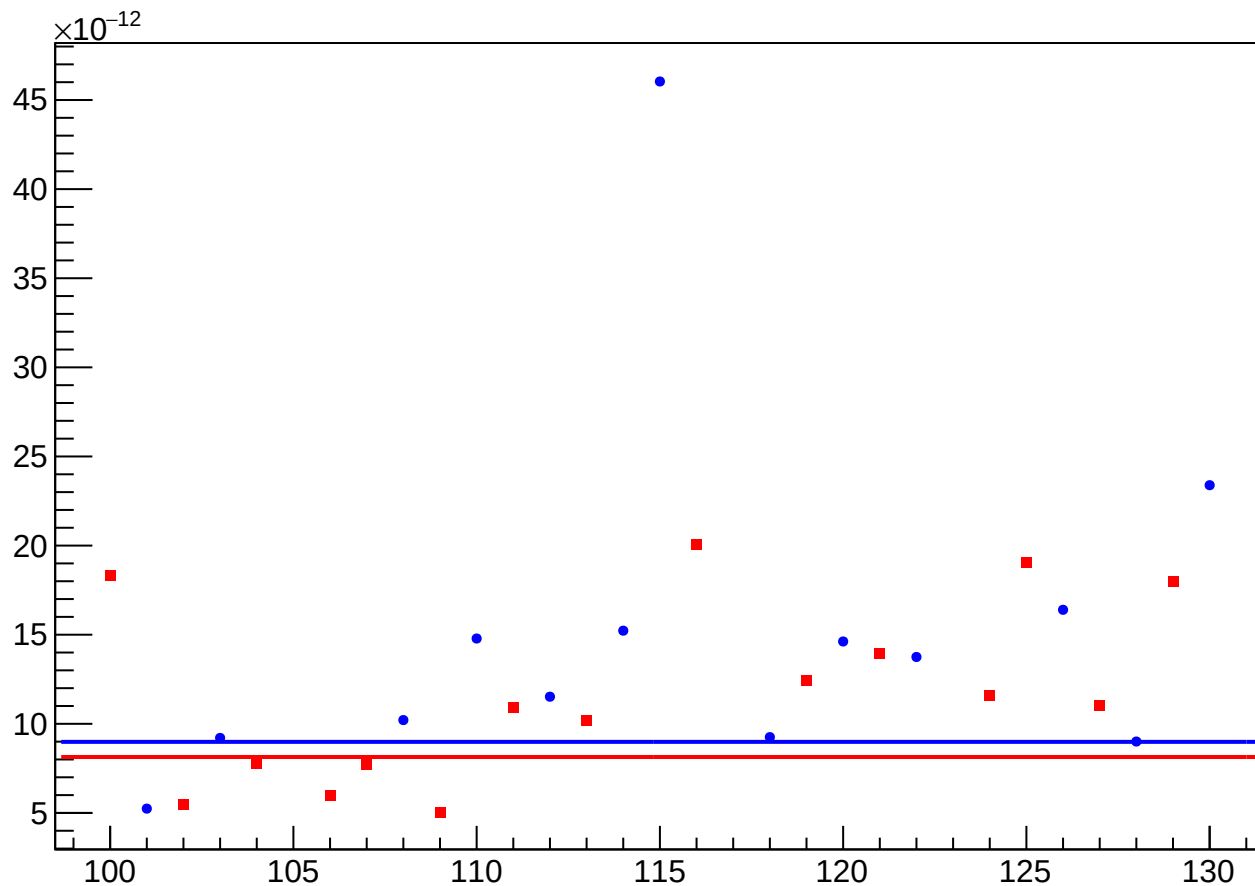
Right: -0.000+/-0.000 χ^2/NDF : 21.2/27

In: -0.000+/-0.000 χ^2/NDF : 10.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.2/27

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1350040.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1233135.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

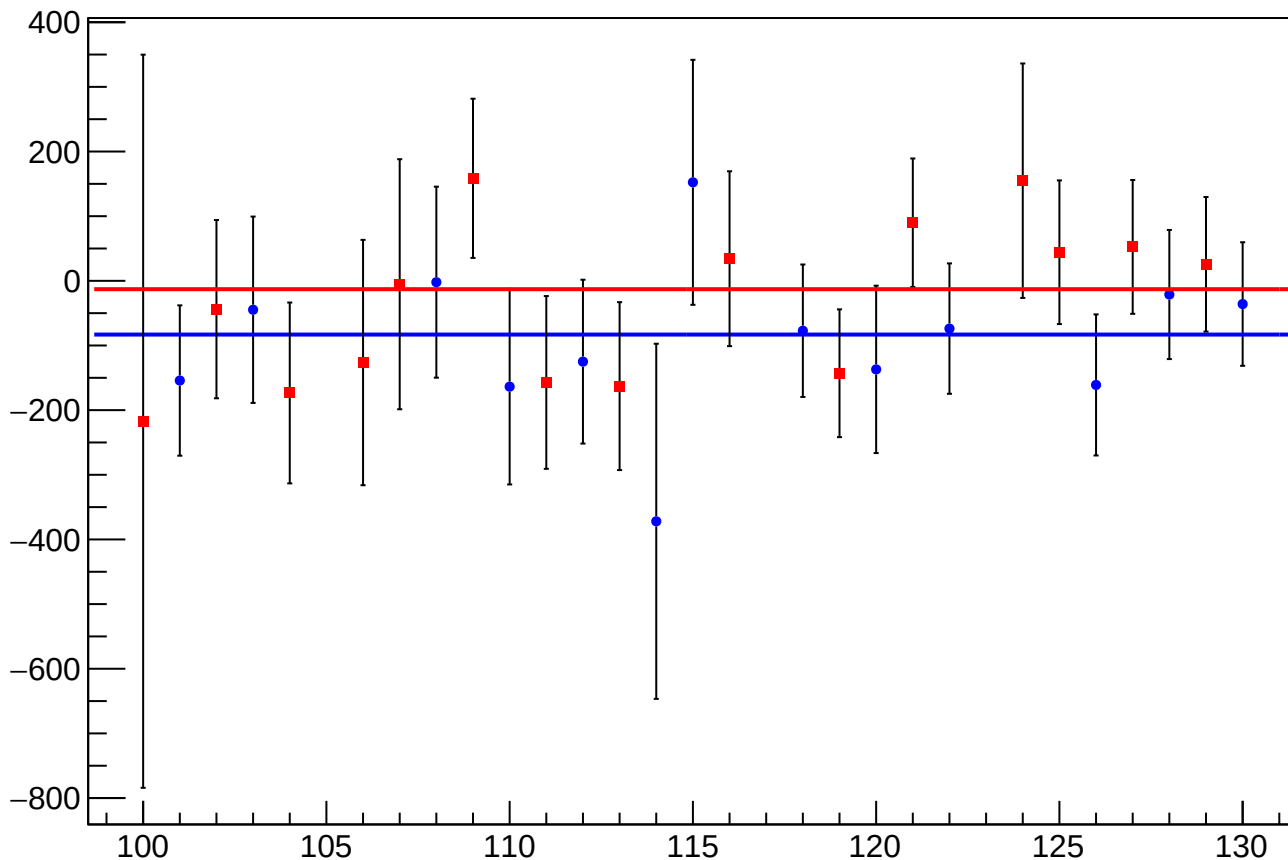
Right: 0.000+/-0.000 χ^2/NDF : 2613871.4/27

In: 0.000+/-0.000 χ^2/NDF : 1350040.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2613871.4/27

reg_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -83.103+/-34.056 χ^2/NDF : 5.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.902+/-33.368 χ^2/NDF : 10.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

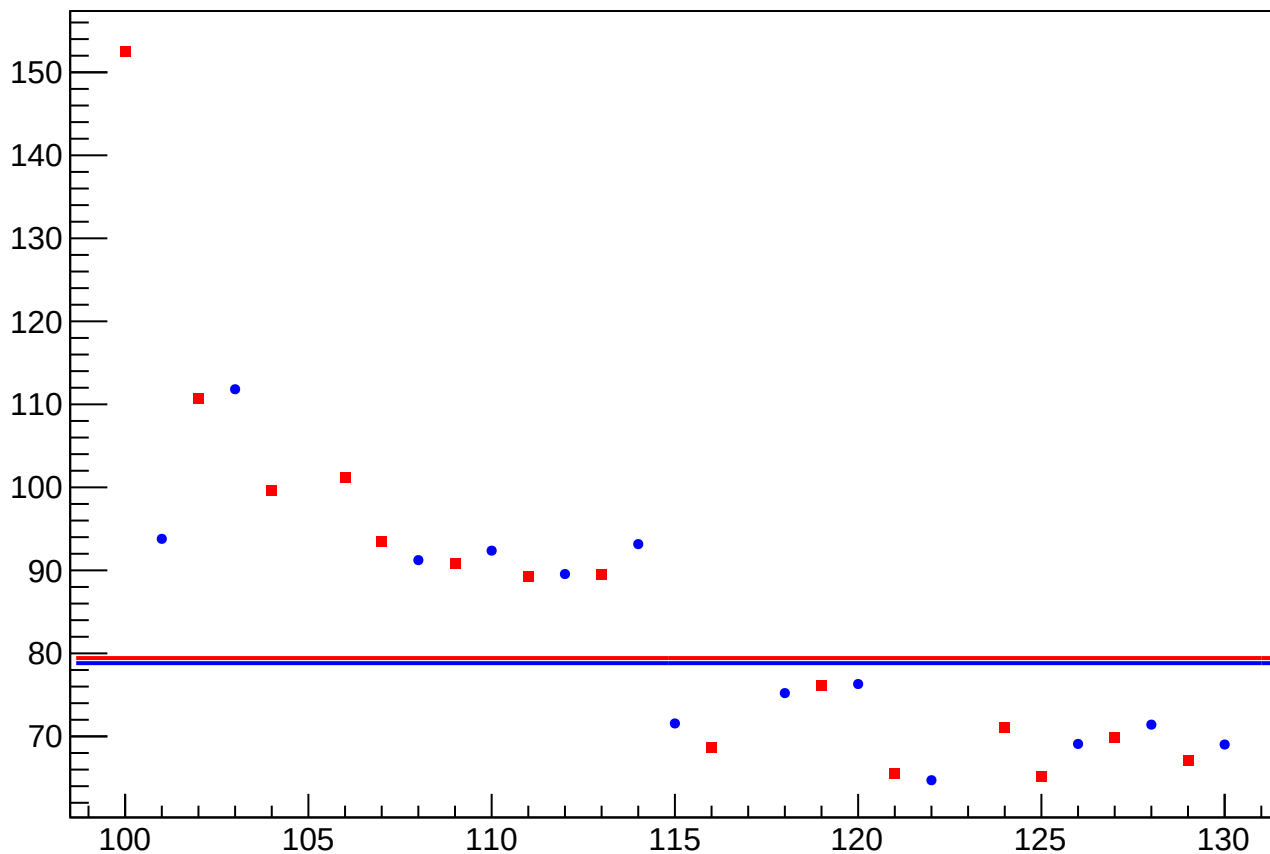
Right: -47.286+/-23.834 χ^2/NDF : 18.2/27

In: -83.103+/-34.056 χ^2/NDF : 5.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.286+/-23.834 χ^2/NDF : 18.2/27

reg_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 78.822+/-0.024 χ^2/NDF : 281279.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 79.435+/-0.024 χ^2/NDF : 391021.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

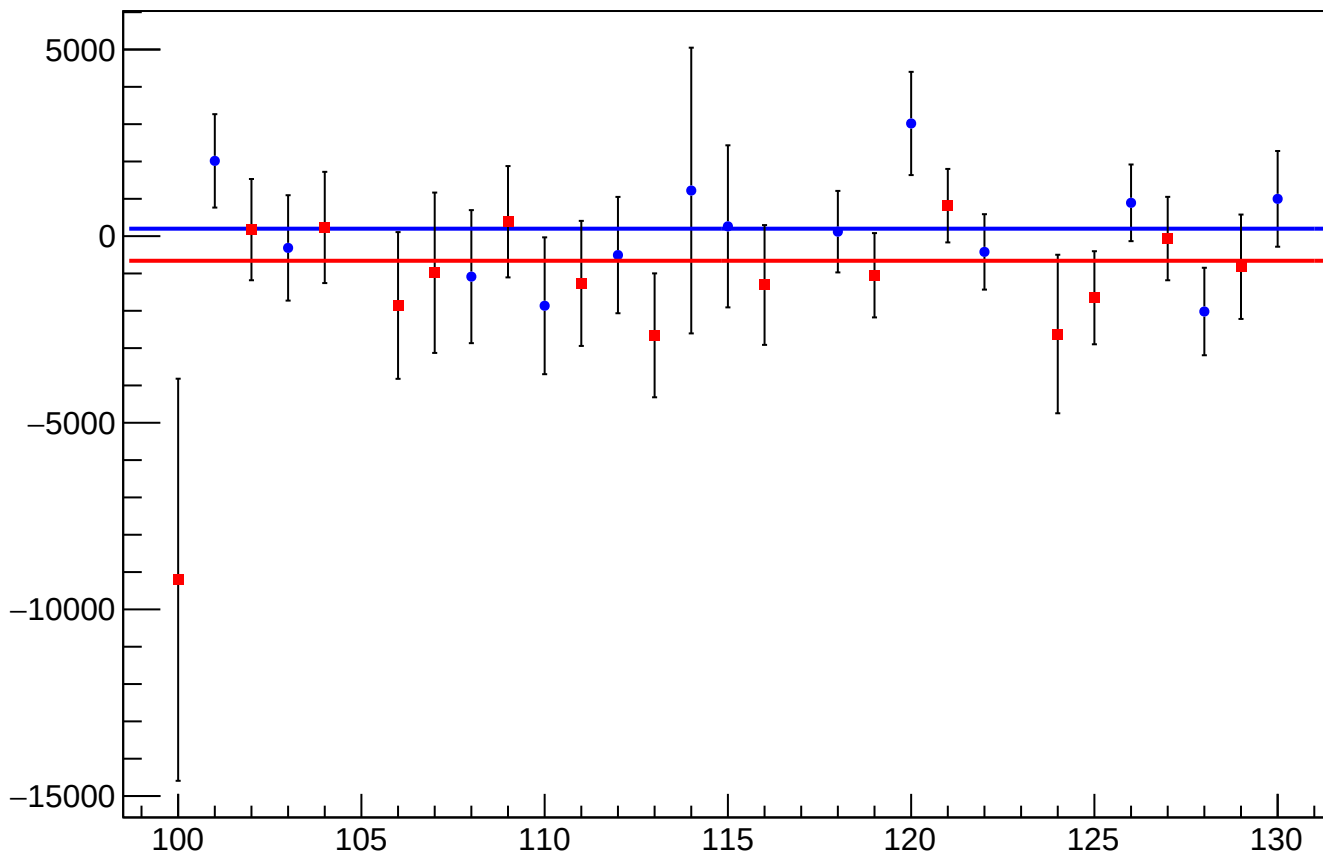
Right: 79.135+/-0.017 χ^2/NDF : 672632.0/27

In: 78.822+/-0.024 χ^2/NDF :281279.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 79.135+/-0.017 χ^2/NDF : 672632.0/27

asym_sam_15_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 199.748+/-376.071 χ^2/NDF : 13.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -659.809+/-376.509 χ^2/NDF : 10.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

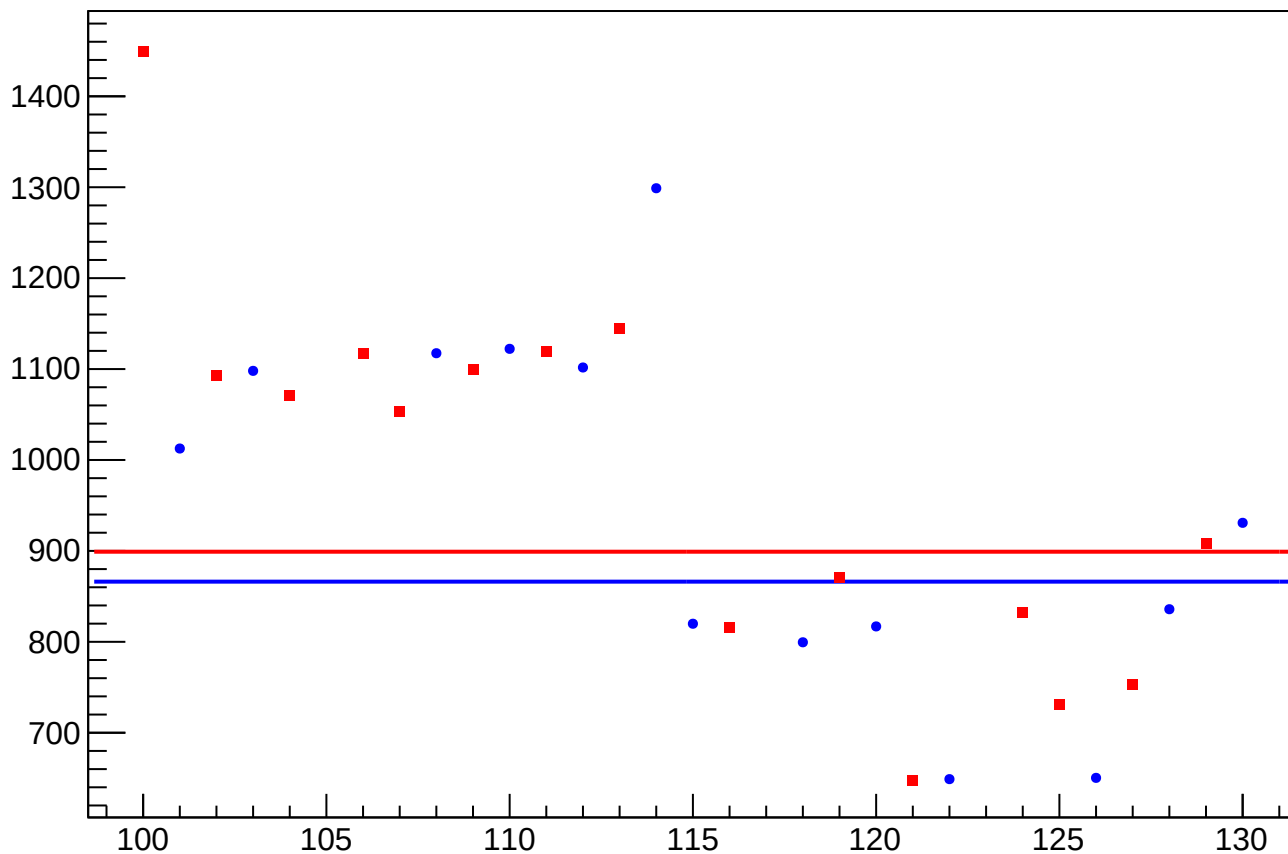
Right: -229.530+/-266.077 χ^2/NDF : 25.9/27

In: 199.748+/-376.071 χ^2/NDF : 13.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -229.530+/-266.077 χ^2/NDF : 25.9/27

asym_sam_15_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 866.186+/-0.266 χ^2/NDF : 429437.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 899.112+/-0.266 χ^2/NDF : 446984.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

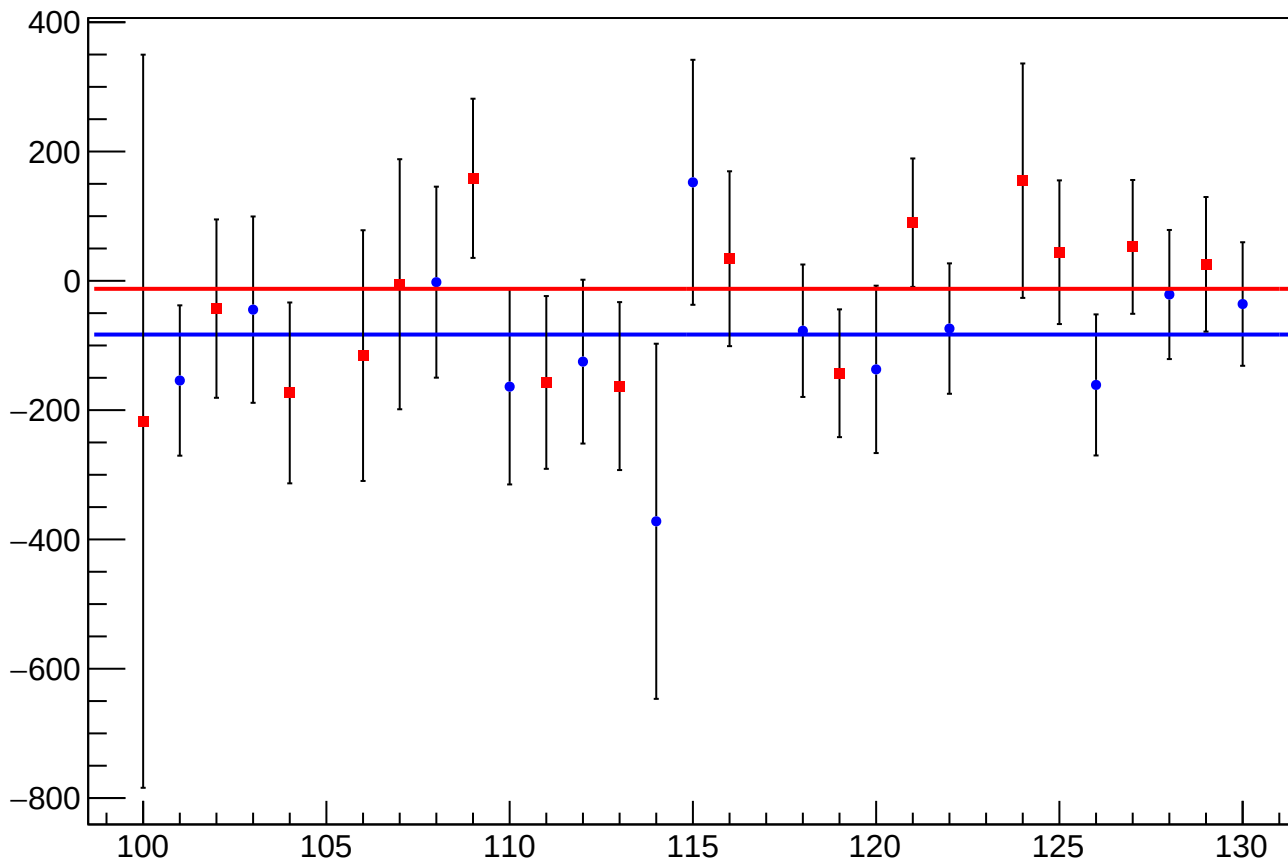
Right: 882.630+/-0.188 χ^2/NDF : 884078.7/27

In: 866.186+/-0.266 χ^2/NDF : 429437.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 882.630+/-0.188 χ^2/NDF : 884078.7/27

cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -83.096+/-34.056 χ^2/NDF : 5.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.383+/-33.391 χ^2/NDF : 10.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

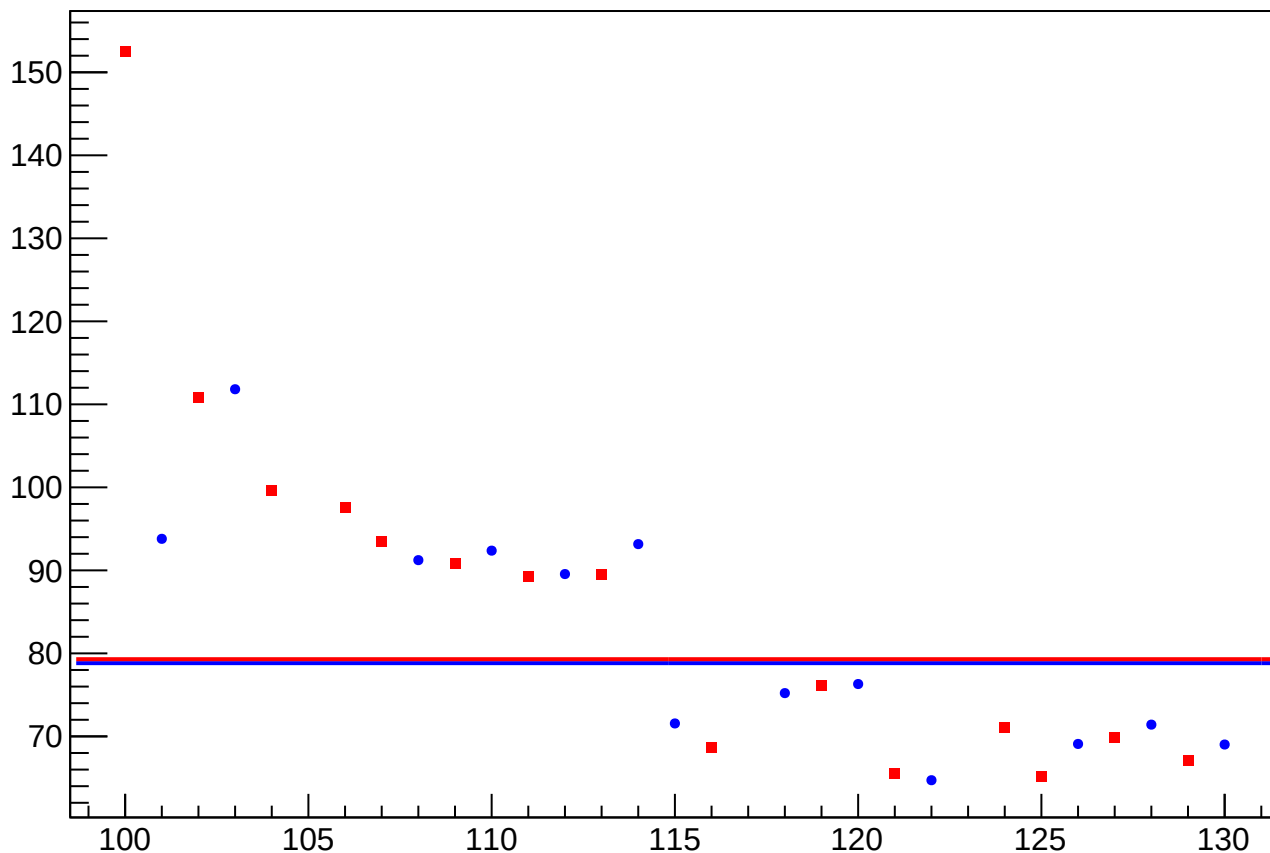
Right: -47.042+/-23.842 χ^2/NDF : 18.1/27

In: -83.096+/-34.056 χ^2/NDF : 5.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.042+/-23.842 χ^2/NDF : 18.1/27

cor_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 78.822+/-0.024 χ^2/NDF : 281282.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.299+/-0.024 χ^2/NDF : 382322.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

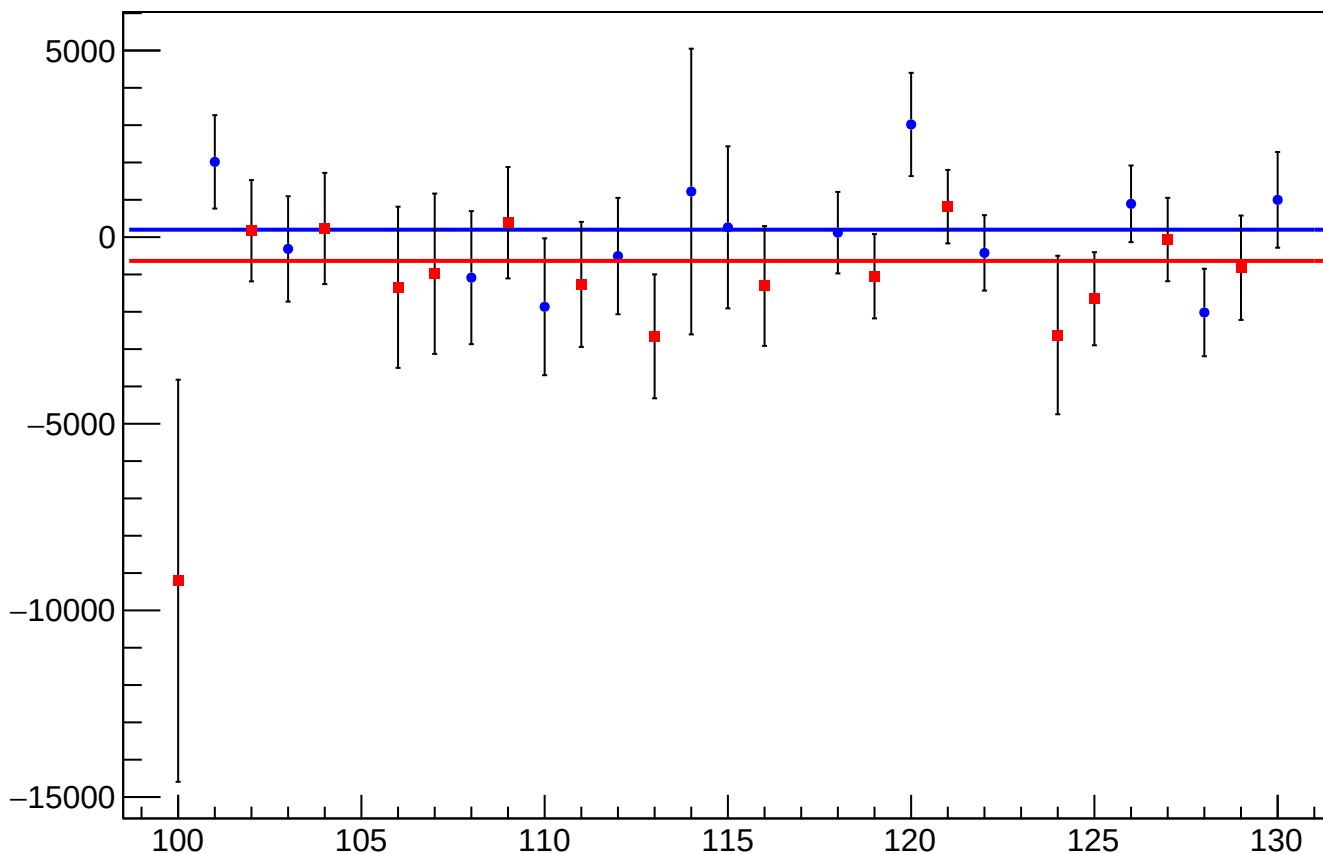
Right: 79.065+/-0.017 χ^2/NDF : 663803.9/27

In: 78.822+/-0.024 χ^2/NDF : 281282.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.065+/-0.017 χ^2/NDF : 663803.9/27

asym_sam_15_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 199.714+/-376.072 χ^2/NDF : 13.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -636.806+/-377.717 χ^2/NDF : 9.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

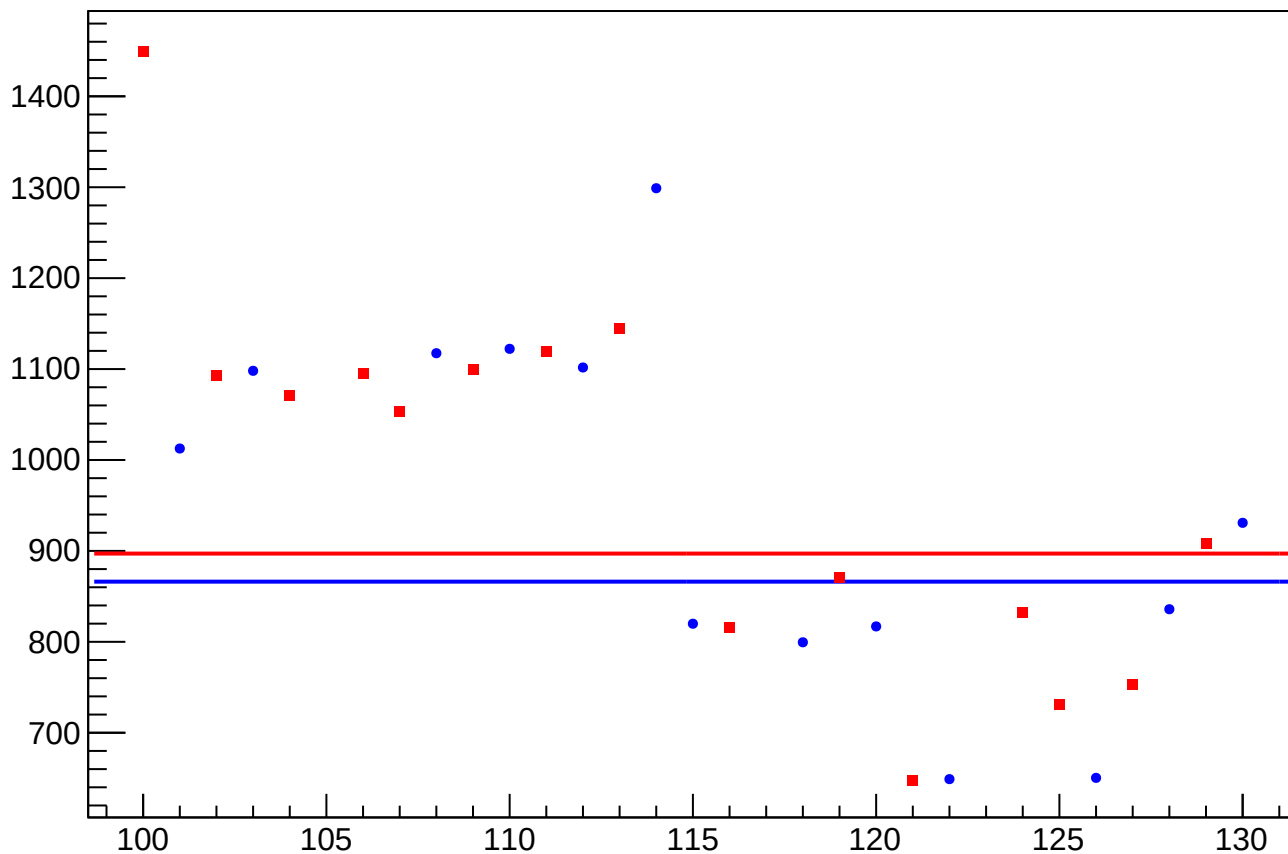
Right: -216.721+/-266.503 χ^2/NDF : 25.5/27

In: 199.714+/-376.072 χ^2/NDF : 13.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -216.721+/-266.503 χ^2/NDF : 25.5/27

asym_sam_15_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 866.188 $\pm$ 0.266 χ^2 /NDF: 429459.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 897.064 $\pm$ 0.267 χ^2 /NDF: 438853.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

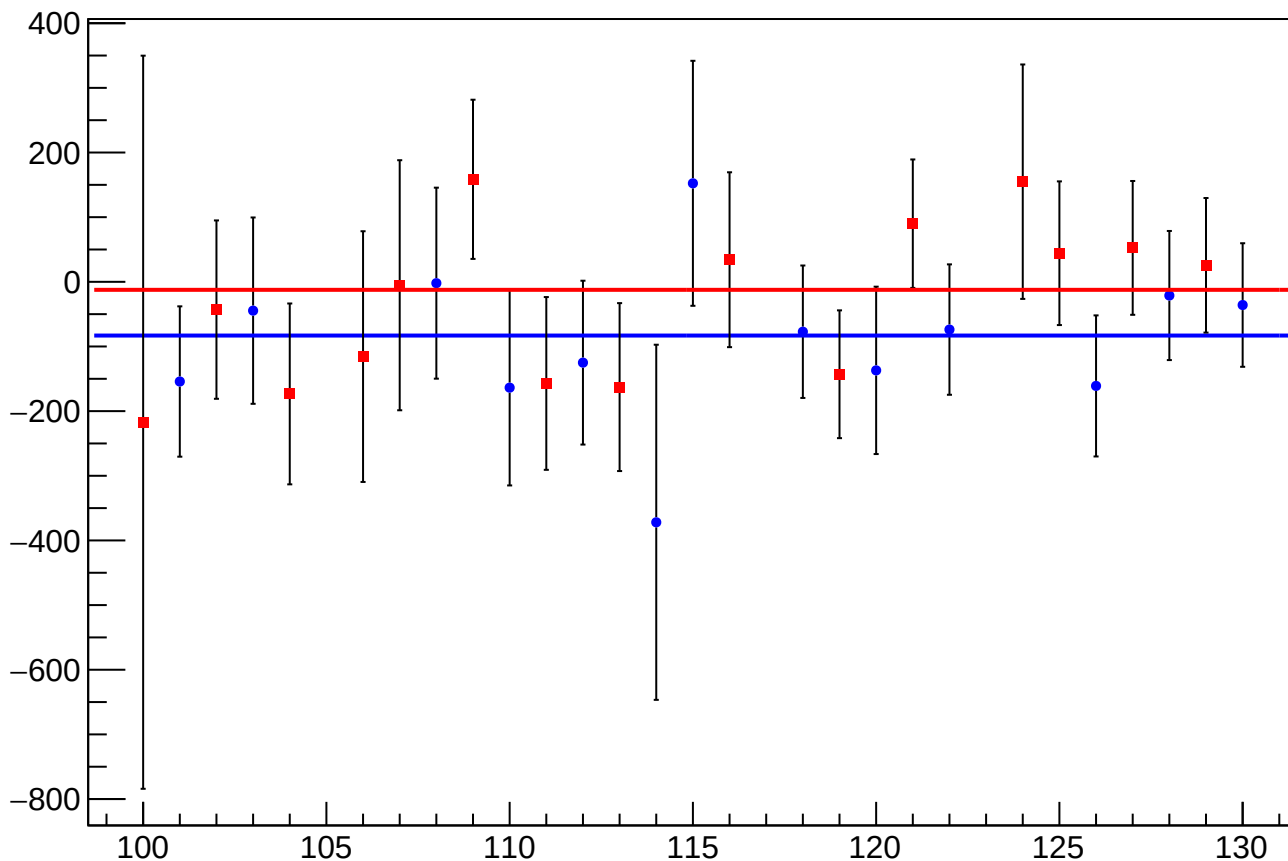
Right: 881.559 $\pm$ 0.188 χ^2 /NDF: 875024.1/27

In: 866.188 $\pm$ 0.266 χ^2 /NDF:429459.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 881.559 $\pm$ 0.188 χ^2 /NDF: 875024.1/27

eigen_cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -83.096+/-34.056 χ^2/NDF : 5.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.383+/-33.391 χ^2/NDF : 10.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

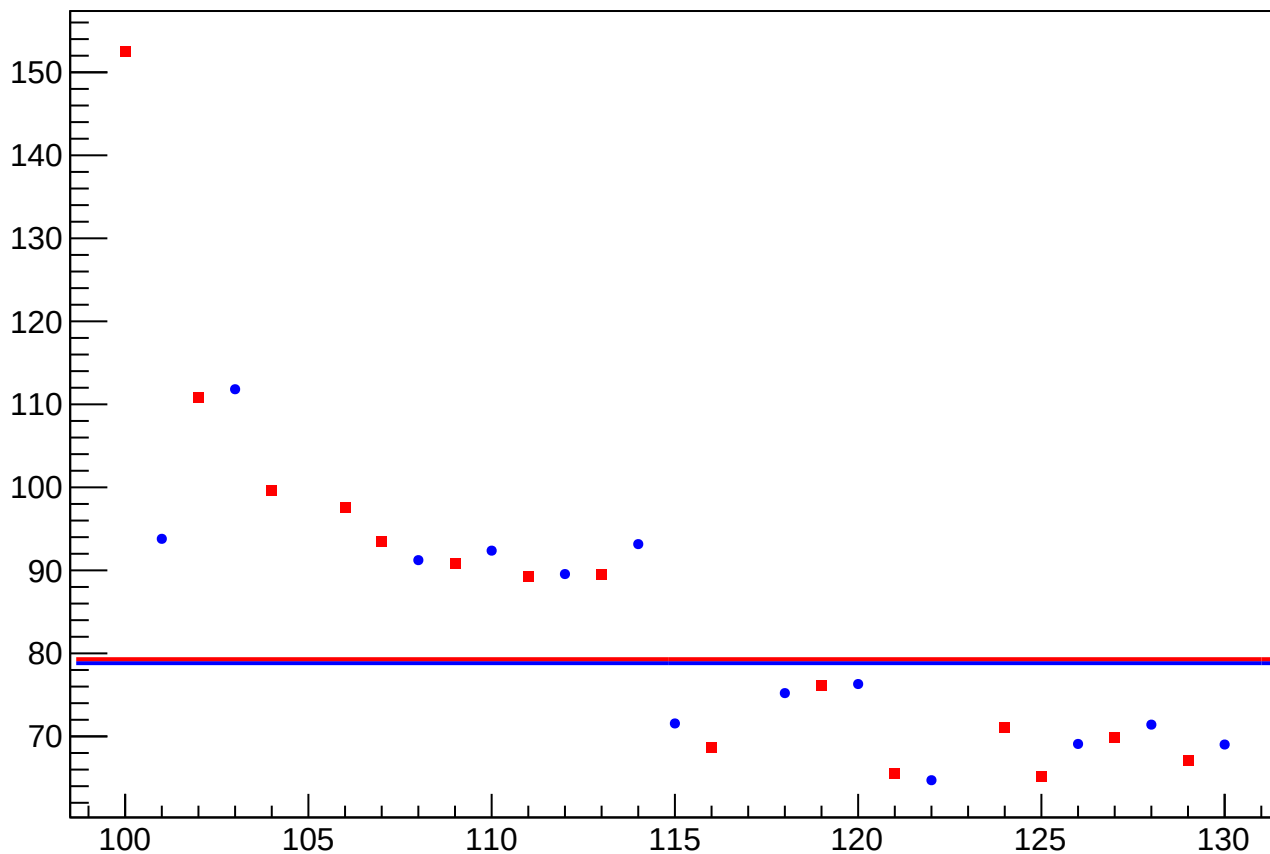
Right: -47.042+/-23.842 χ^2/NDF : 18.1/27

In: -83.096+/-34.056 χ^2/NDF : 5.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.042+/-23.842 χ^2/NDF : 18.1/27

eigen_cor_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 78.822 $\pm$ 0.024 χ^2 /NDF: 281282.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 79.299 $\pm$ 0.024 χ^2 /NDF: 382322.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

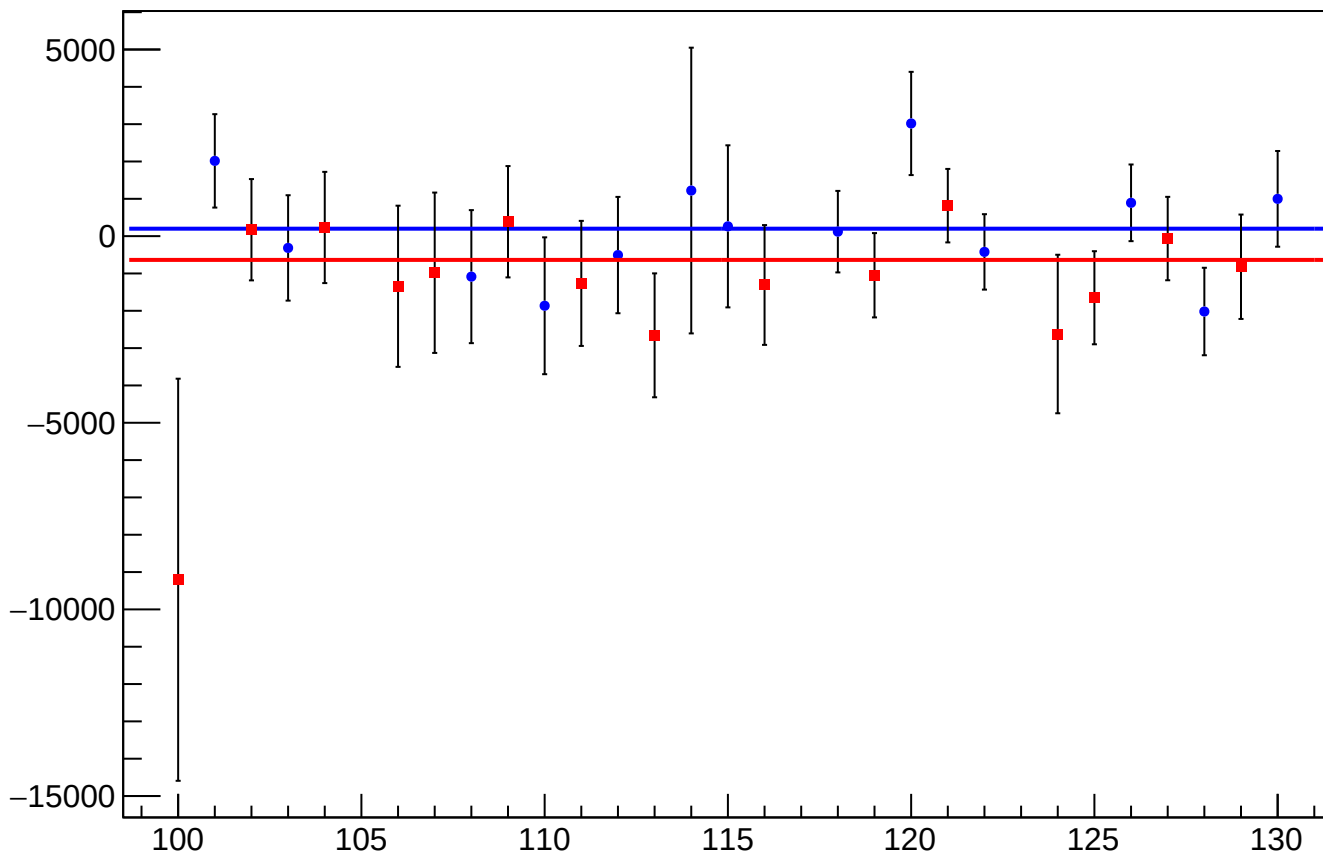
Right: 79.065 $\pm$ 0.017 χ^2 /NDF: 663803.9/27

In: 78.822 $\pm$ 0.024 χ^2 /NDF:281282.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 79.065 $\pm$ 0.017 χ^2 /NDF: 663803.9/27

asym_sam_15_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 199.714 ± 376.072 χ^2/NDF : 13.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -636.806 ± 377.717 χ^2/NDF : 9.8/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

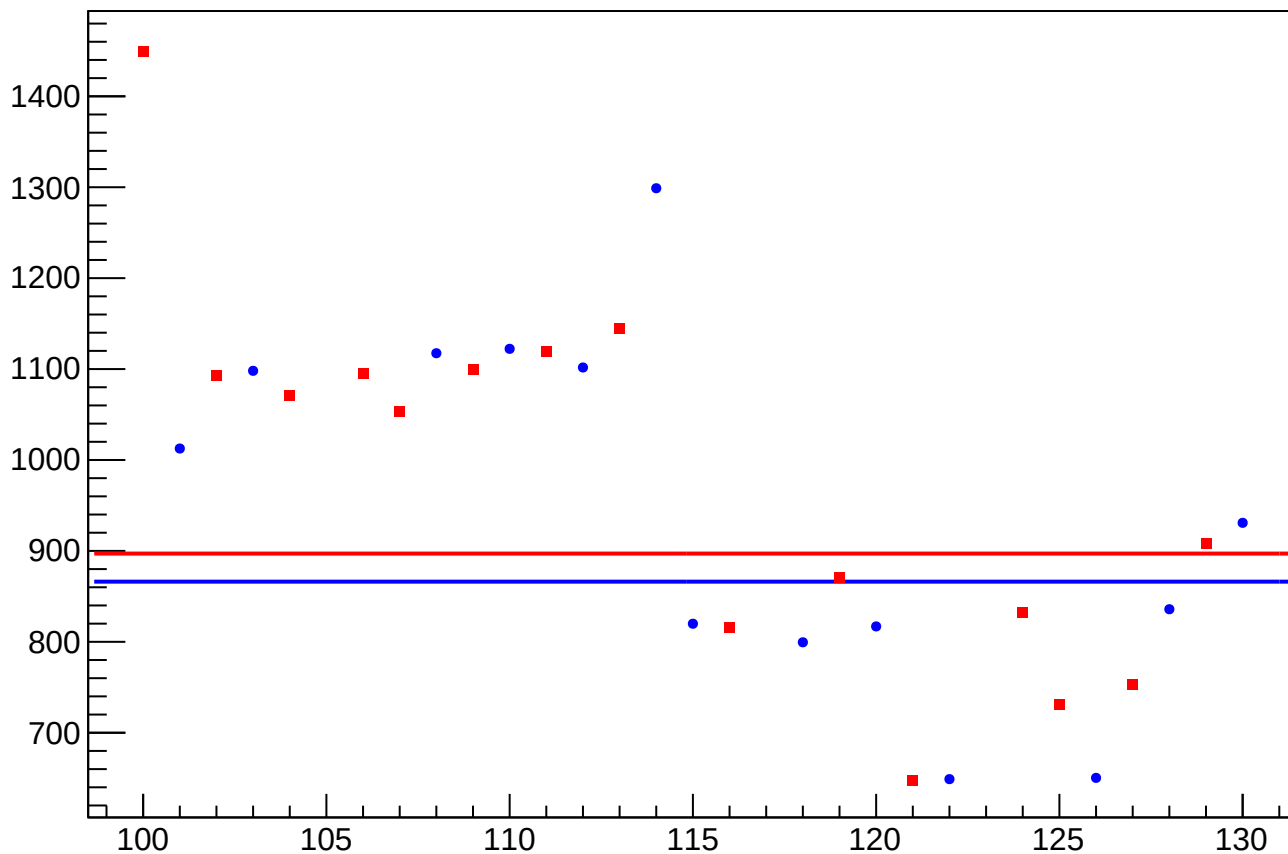
Right: -216.721 ± 266.503 χ^2/NDF : 25.5/27

In: 199.714 ± 376.072 χ^2/NDF : 13.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -216.721 ± 266.503 χ^2/NDF : 25.5/27

asym_sam_15_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 866.188+/-0.266 χ^2/NDF : 429459.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 897.064+/-0.267 χ^2/NDF : 438853.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

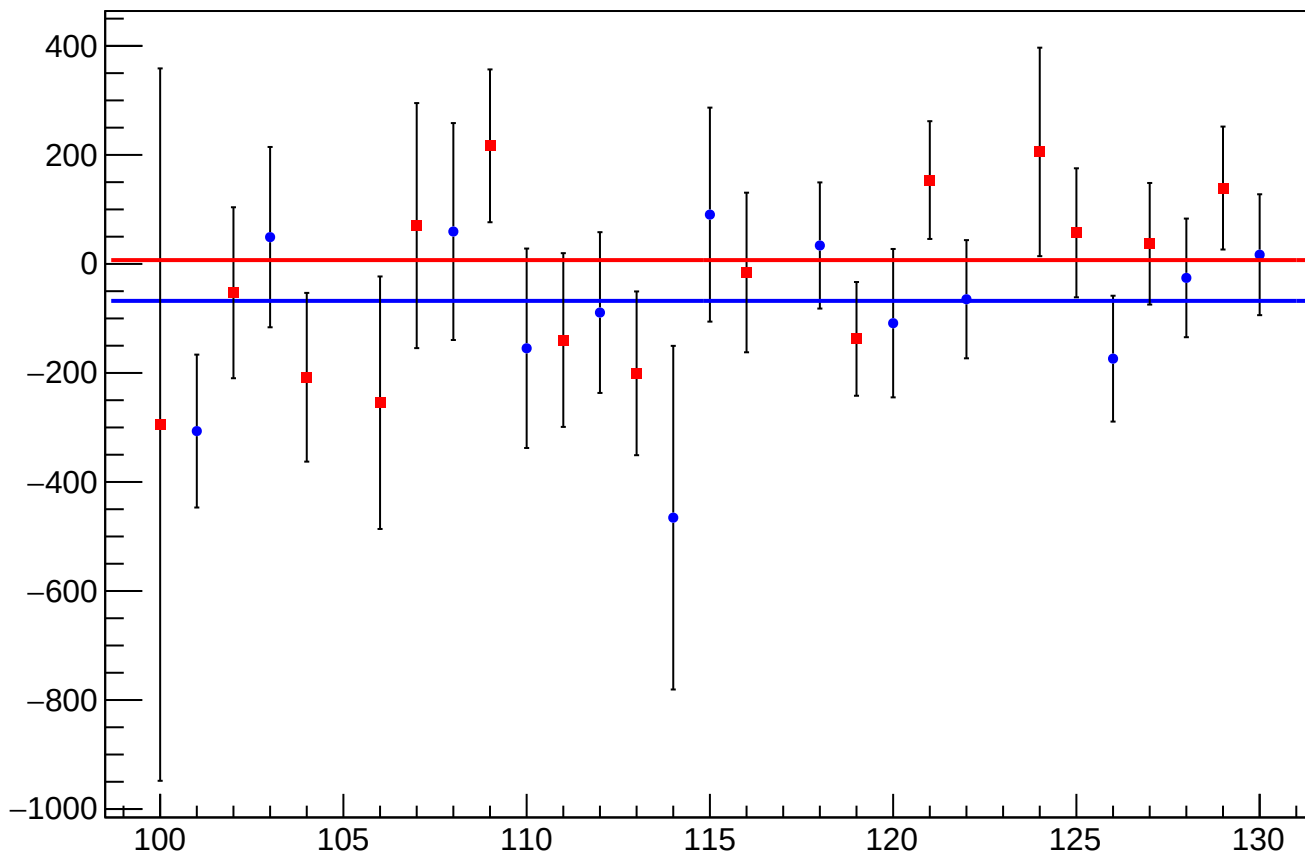
Right: 881.559+/-0.188 χ^2/NDF : 875024.1/27

In: 866.188+/-0.266 χ^2/NDF : 429459.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 881.559+/-0.188 χ^2/NDF : 875024.1/27

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -67.776 ± 38.375 χ^2/NDF : 8.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 7.031 ± 36.767 χ^2/NDF : 15.1/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

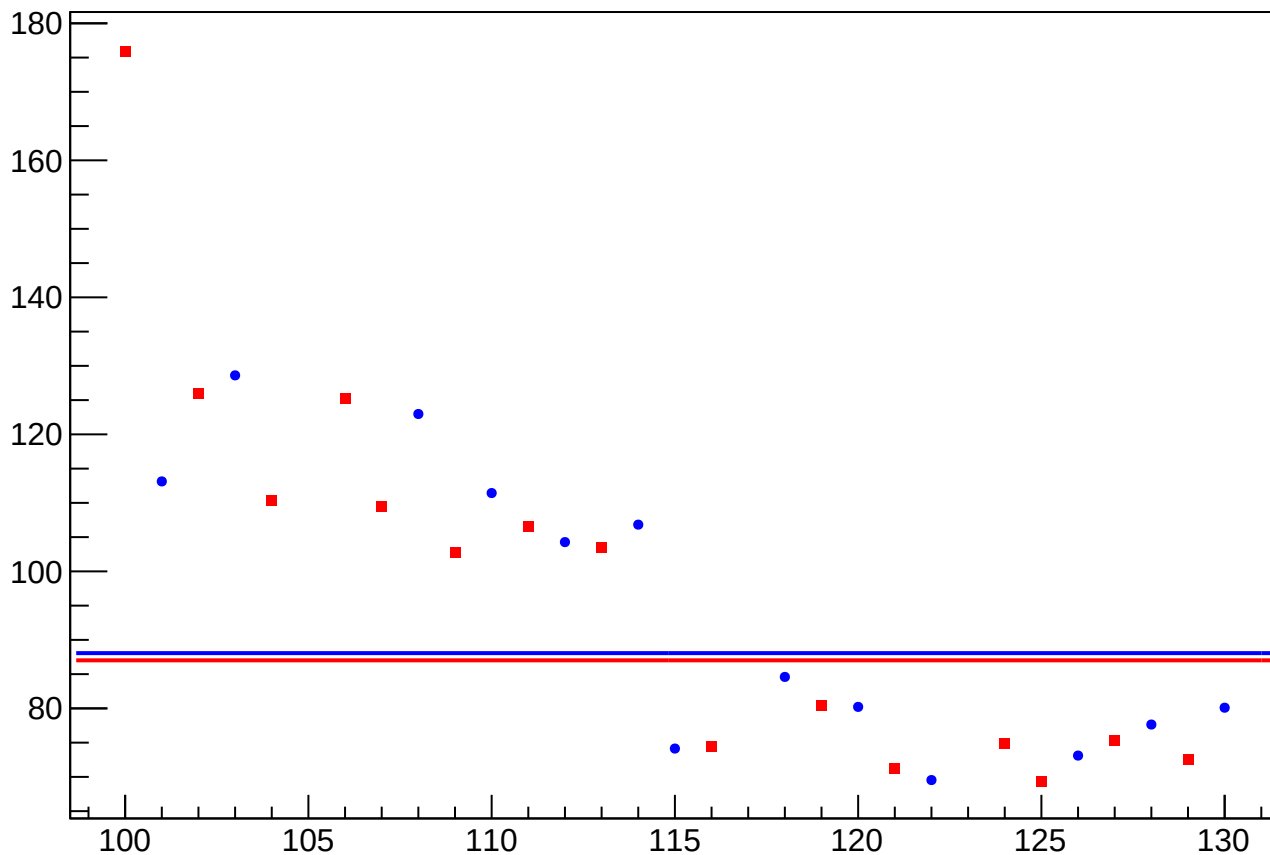
Right: -28.773 ± 26.548 χ^2/NDF : 25.8/27

In: -67.776 ± 38.375 χ^2/NDF : 8.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -28.773 ± 26.548 χ^2/NDF : 25.8/27

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 88.066+/-0.027 χ^2/NDF : 448653.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 87.014+/-0.026 χ^2/NDF : 532326.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

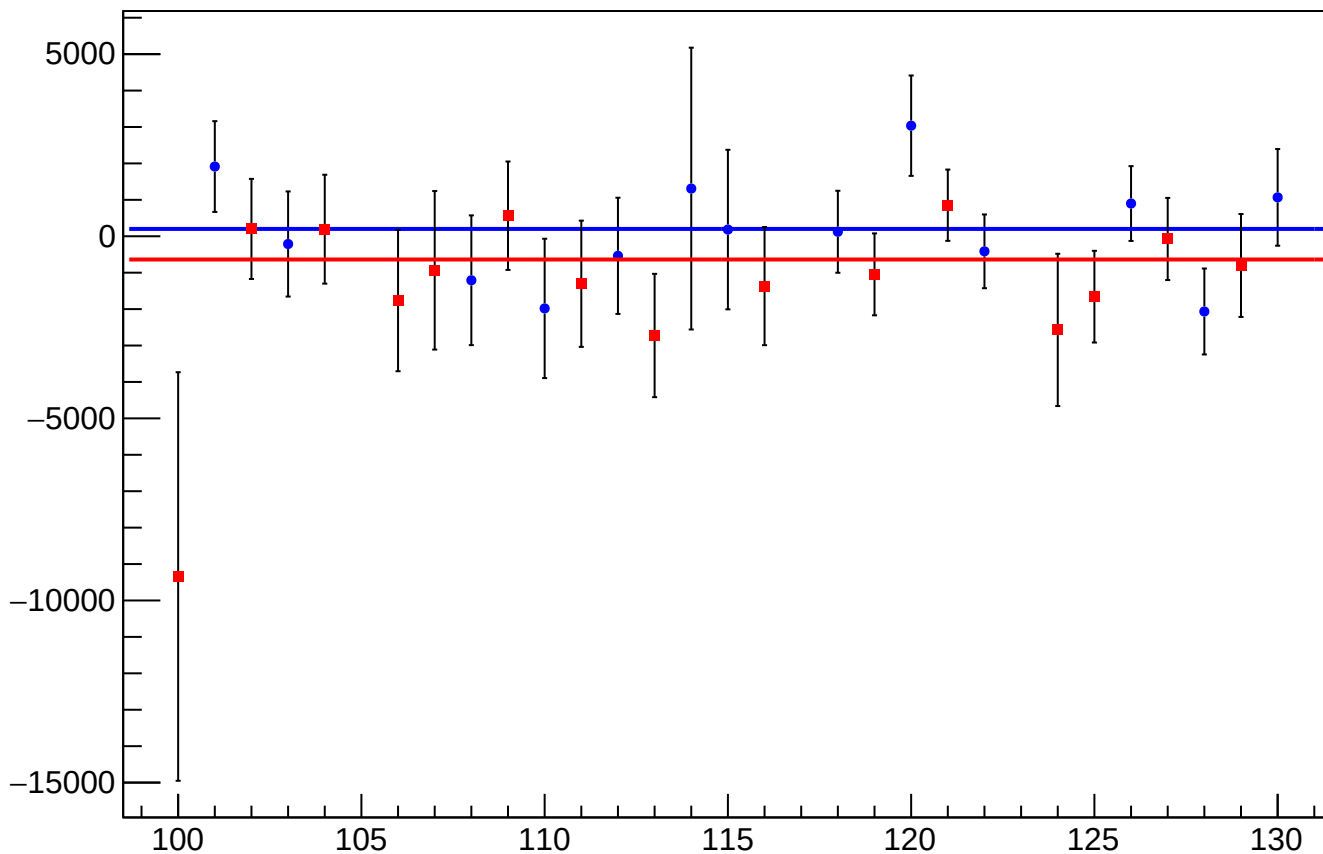
Right: 87.518+/-0.019 χ^2/NDF : 981763.9/27

In: 88.066+/-0.027 χ^2/NDF :448653.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 87.518+/-0.019 χ^2/NDF : 981763.9/27

asym_sam_15_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 201.389+/-380.511 χ^2/NDF : 13.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -638.116+/-378.479 χ^2/NDF : 10.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

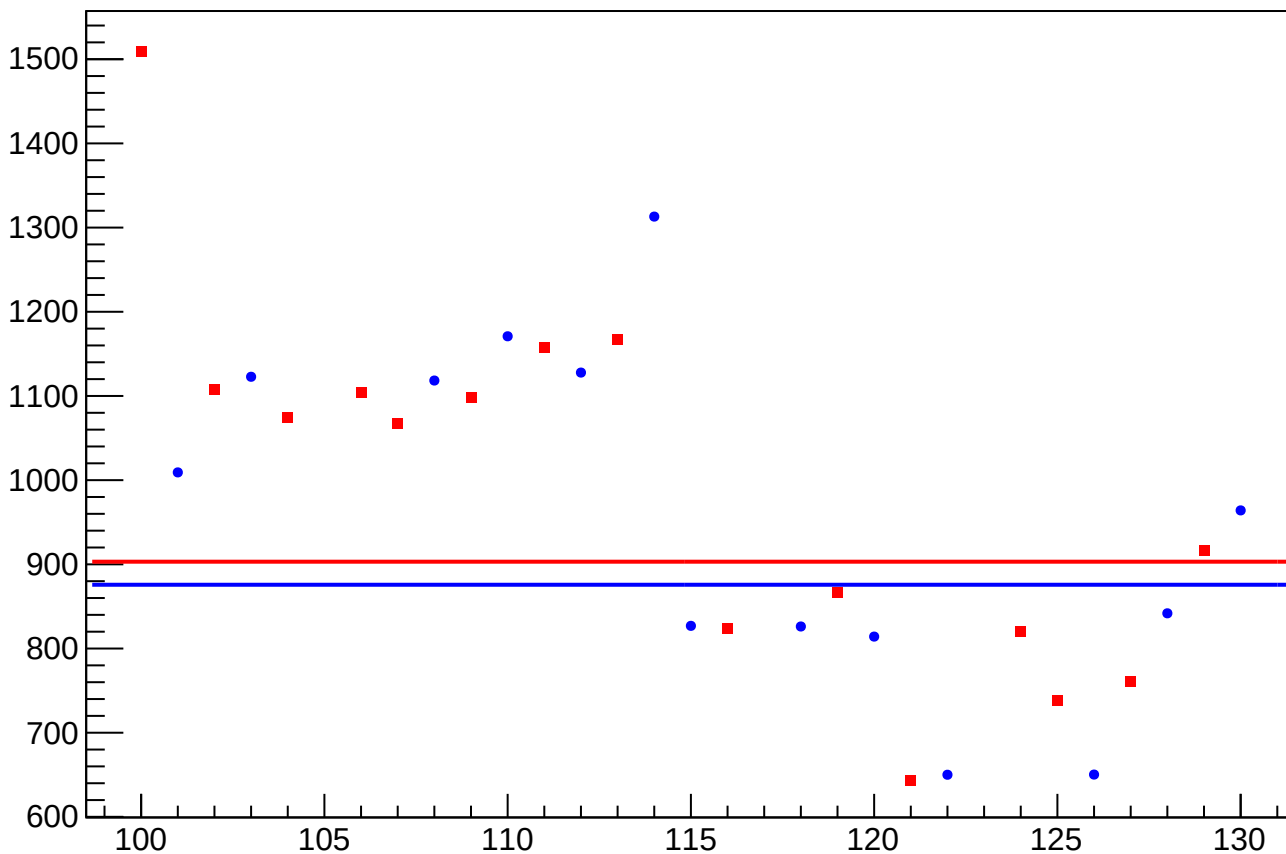
Right: -220.611+/-268.340 χ^2/NDF : 26.0/27

In: 201.389+/-380.511 χ^2/NDF : 13.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -220.611+/-268.340 χ^2/NDF : 26.0/27

asym_sam_15_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 875.755+/-0.269 χ^2/NDF : 456859.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 903.146+/-0.268 χ^2/NDF : 469945.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

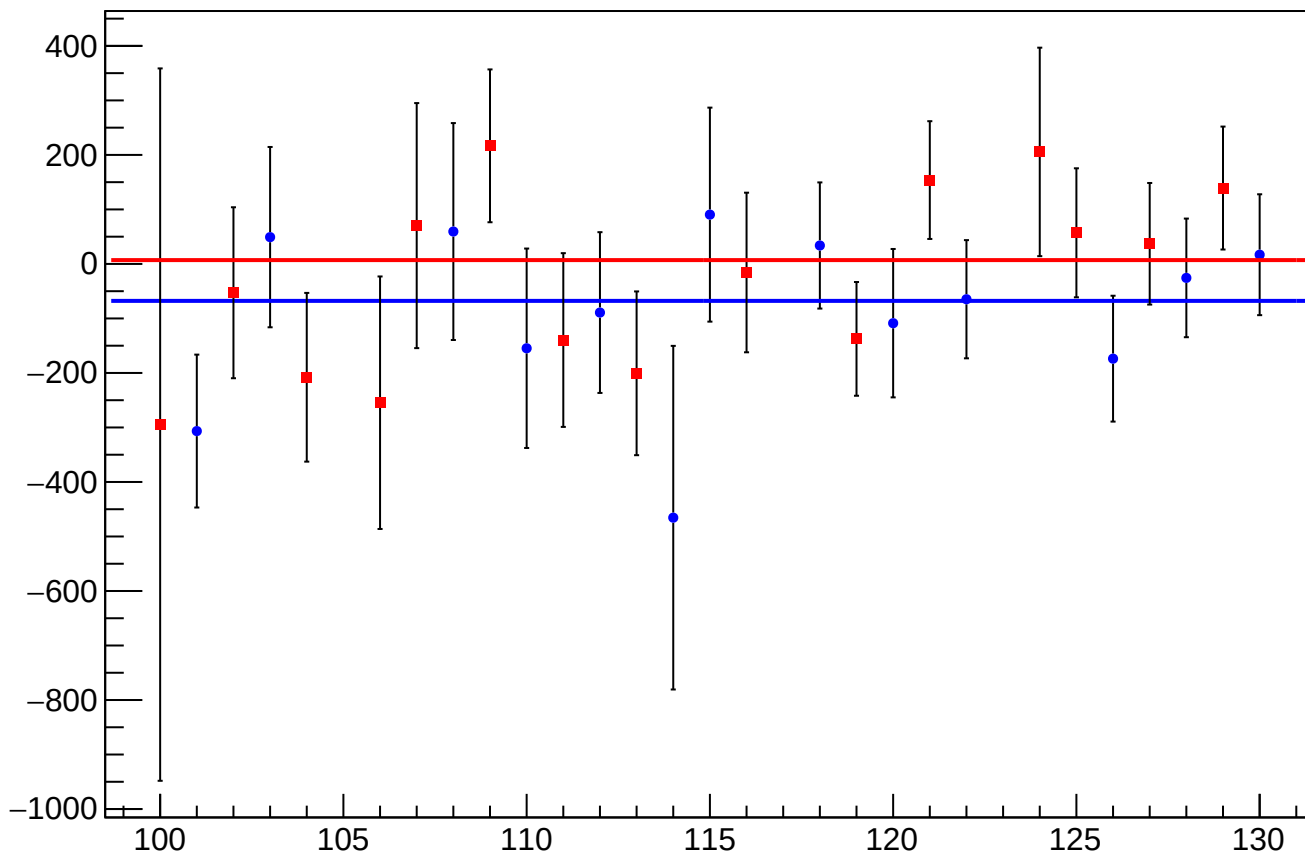
Right: 889.524+/-0.190 χ^2/NDF : 932014.6/27

In: 875.755+/-0.269 χ^2/NDF : 456859.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 889.524+/-0.190 χ^2/NDF : 932014.6/27

eigen_dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -67.775+/-38.374 χ^2/NDF : 8.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.032+/-36.767 χ^2/NDF : 15.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

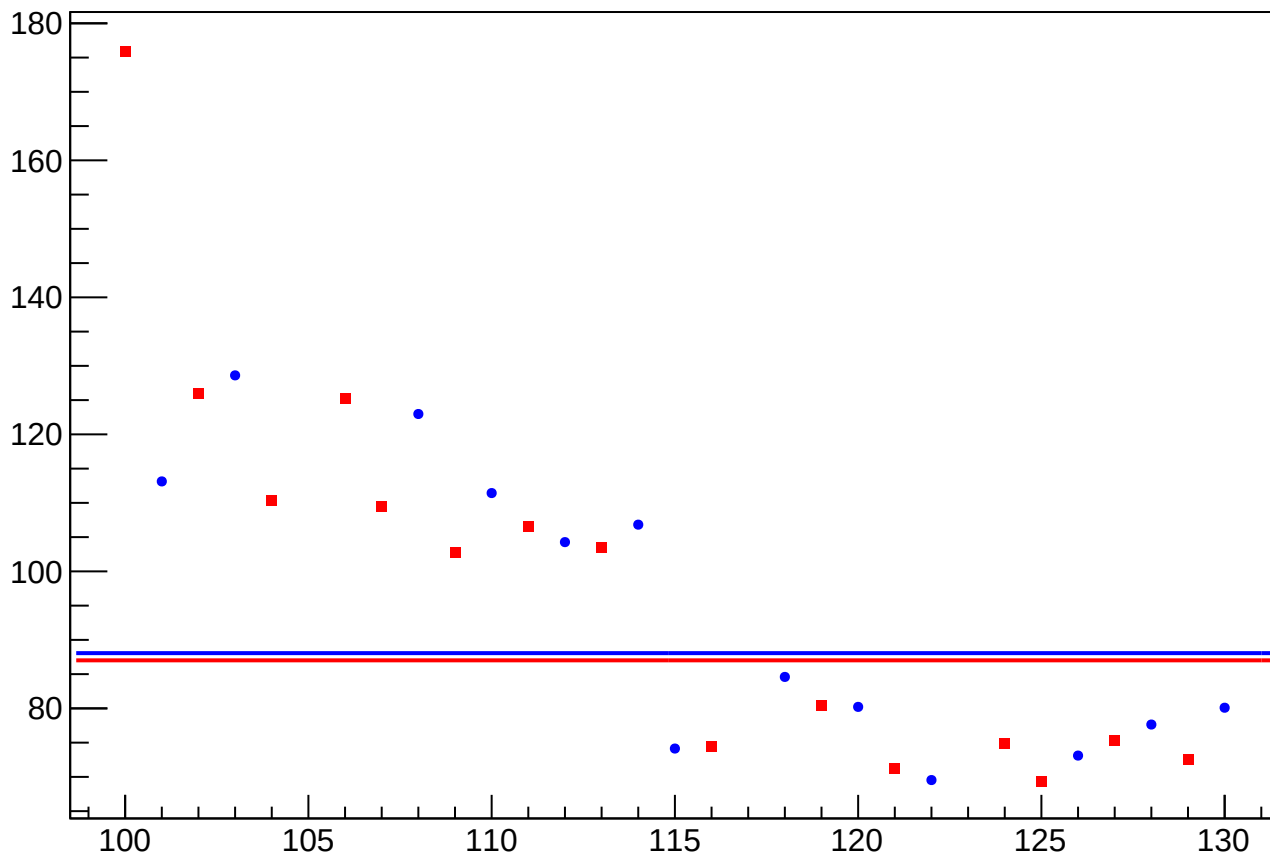
Right: -28.772+/-26.548 χ^2/NDF : 25.8/27

In: -67.775+/-38.374 χ^2/NDF : 8.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.772+/-26.548 χ^2/NDF : 25.8/27

eigen_dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 88.065+/-0.027 χ^2/NDF : 448647.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 87.014+/-0.026 χ^2/NDF : 532312.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

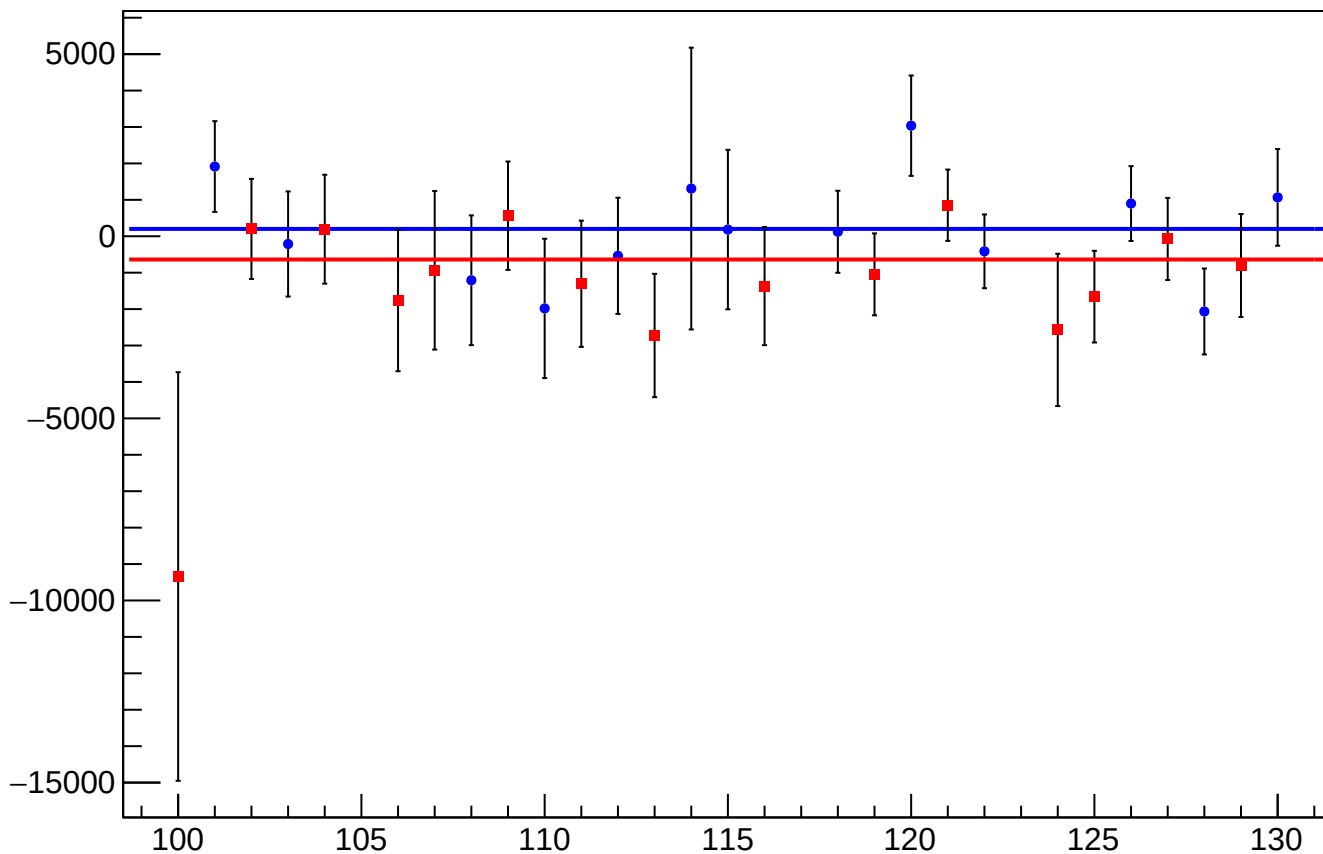
Right: 87.517+/-0.019 χ^2/NDF : 981742.7/27

In: 88.065+/-0.027 χ^2/NDF :448647.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 87.517+/-0.019 χ^2/NDF : 981742.7/27

asym_sam_15_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 201.388+/-380.510 χ^2/NDF : 13.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -638.115+/-378.478 χ^2/NDF : 10.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

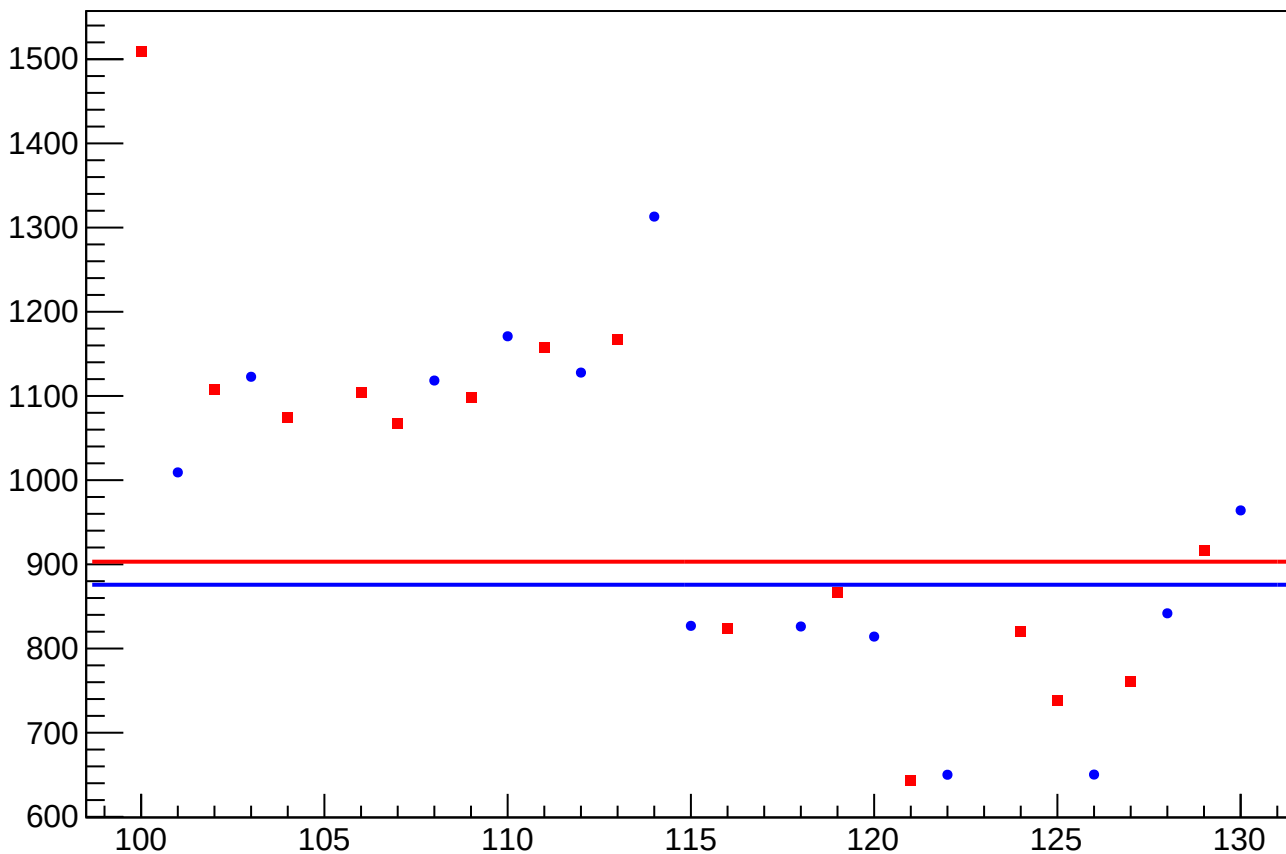
Right: -220.611+/-268.340 χ^2/NDF : 26.0/27

In: 201.388+/-380.510 χ^2/NDF : 13.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -220.611+/-268.340 χ^2/NDF : 26.0/27

asym_sam_15_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 875.752+/-0.269 χ^2/NDF : 456850.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 903.144+/-0.268 χ^2/NDF : 469939.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

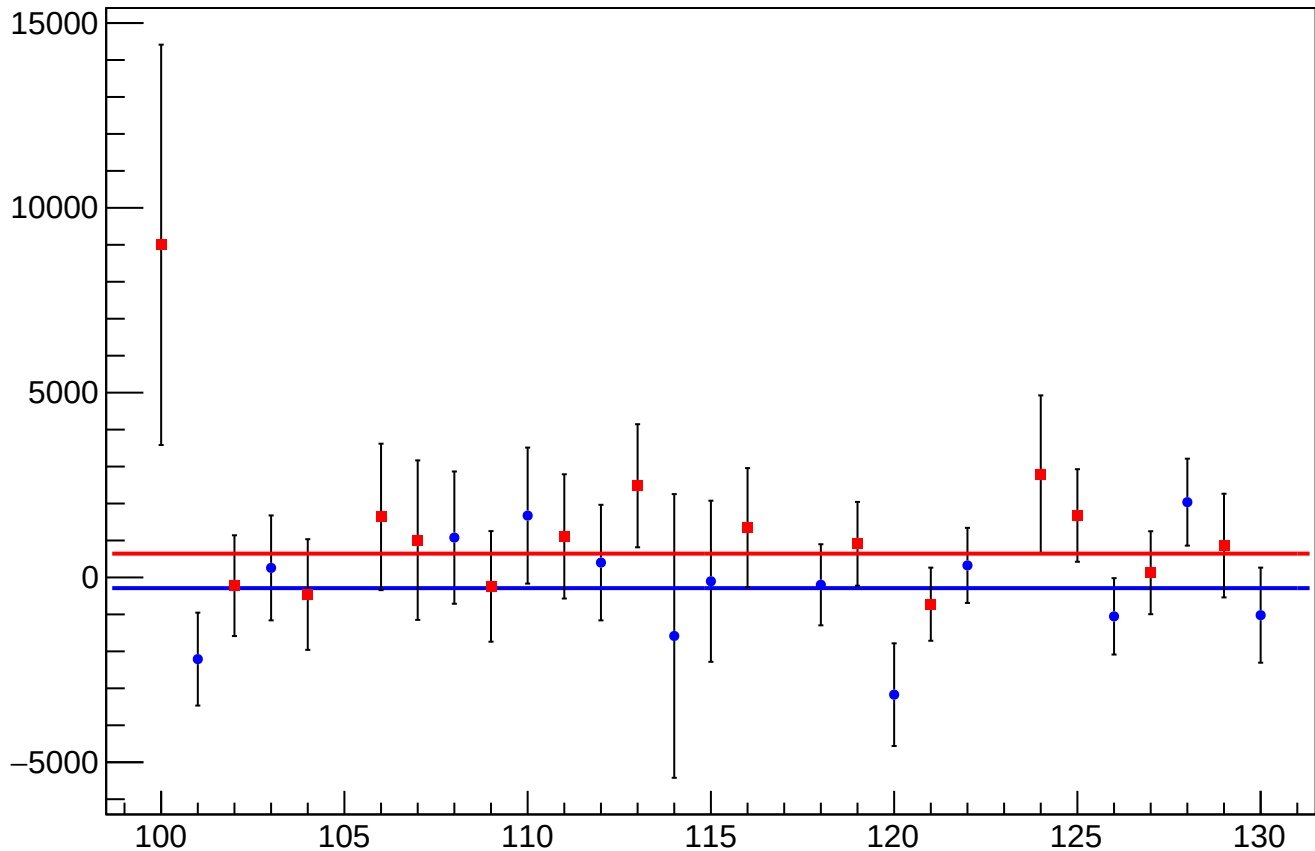
Right: 889.522+/-0.190 χ^2/NDF : 932000.2/27

In: 875.752+/-0.269 χ^2/NDF : 456850.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 889.522+/-0.190 χ^2/NDF : 932000.2/27

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -289.347 ± 377.745 $\chi^2/\text{NDF}: 14.0/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 644.422 ± 378.135 $\chi^2/\text{NDF}: 9.3/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

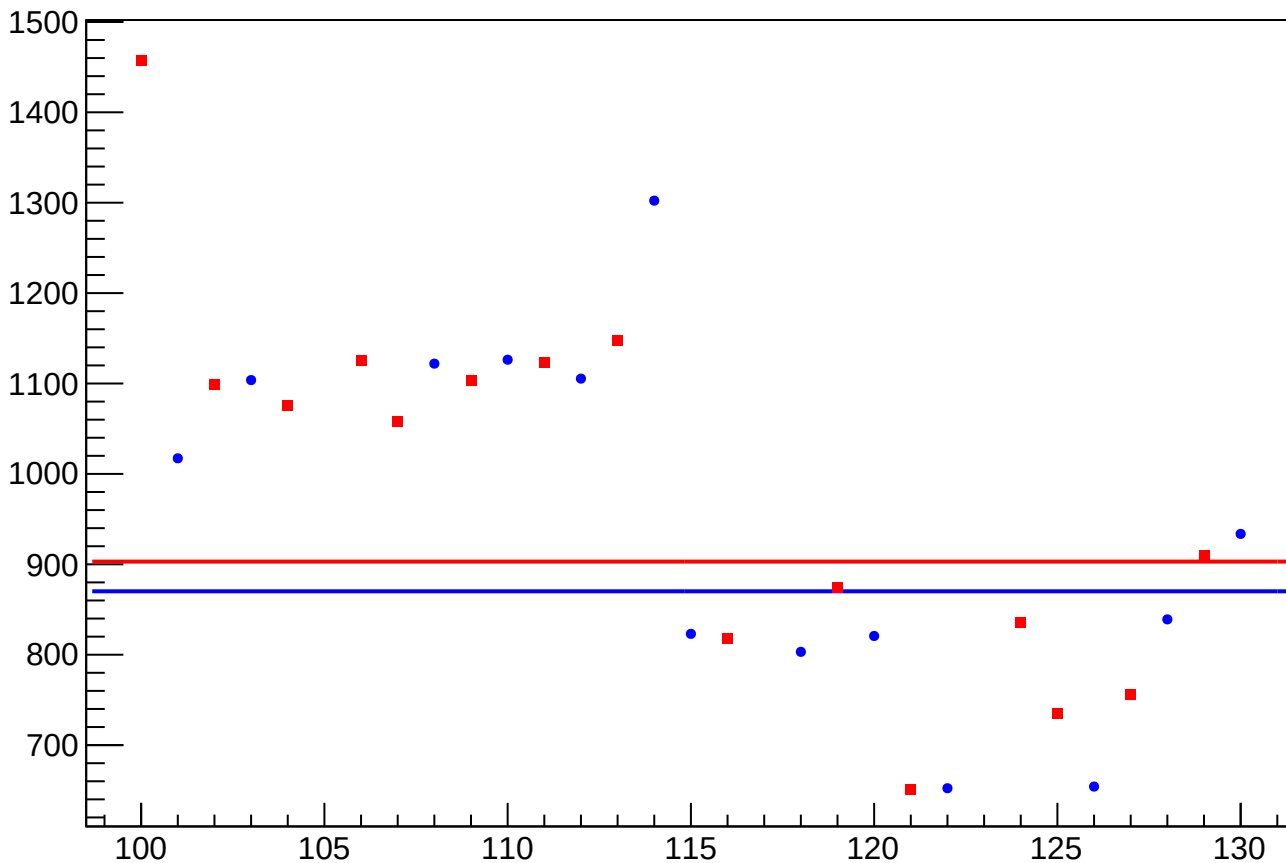
Right: 177.056 ± 267.244 $\chi^2/\text{NDF}: 26.4/27$

In: -289.347 ± 377.745 $\chi^2/\text{NDF}: 14.0/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 177.056 ± 267.244 $\chi^2/\text{NDF}: 26.4/27$

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 870.152+/-0.267 χ^2/NDF : 427296.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 902.997+/-0.267 χ^2/NDF : 446452.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

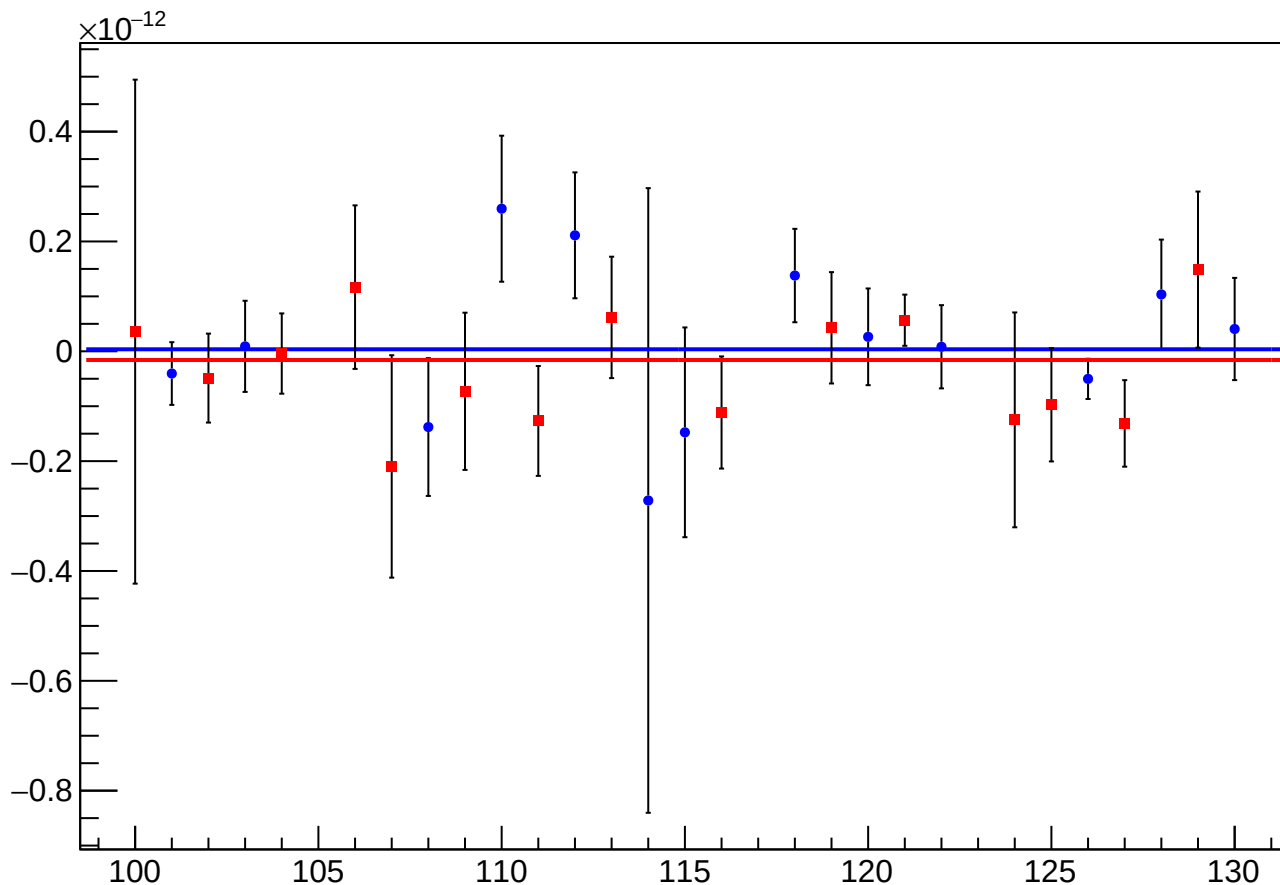
Right: 886.558+/-0.189 χ^2/NDF : 881301.9/27

In: 870.152+/-0.267 χ^2/NDF : 427296.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 886.558+/-0.189 χ^2/NDF : 881301.9/27

asym_sam_15_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

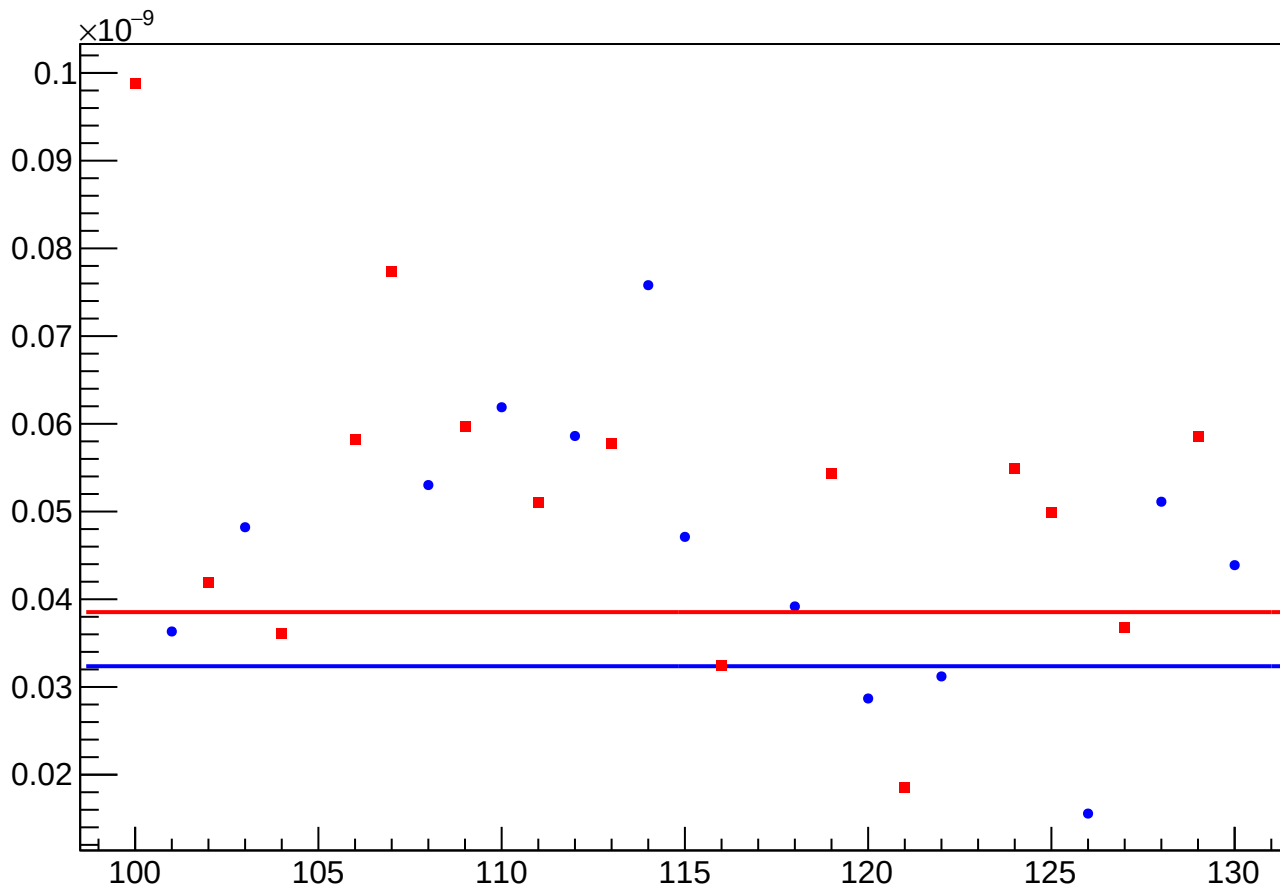
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 27.8/27

In: 0.000 $\pm$ 0.000 χ^2 /NDF:15.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 27.8/27

asym_sam_15_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 902348.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 786806.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

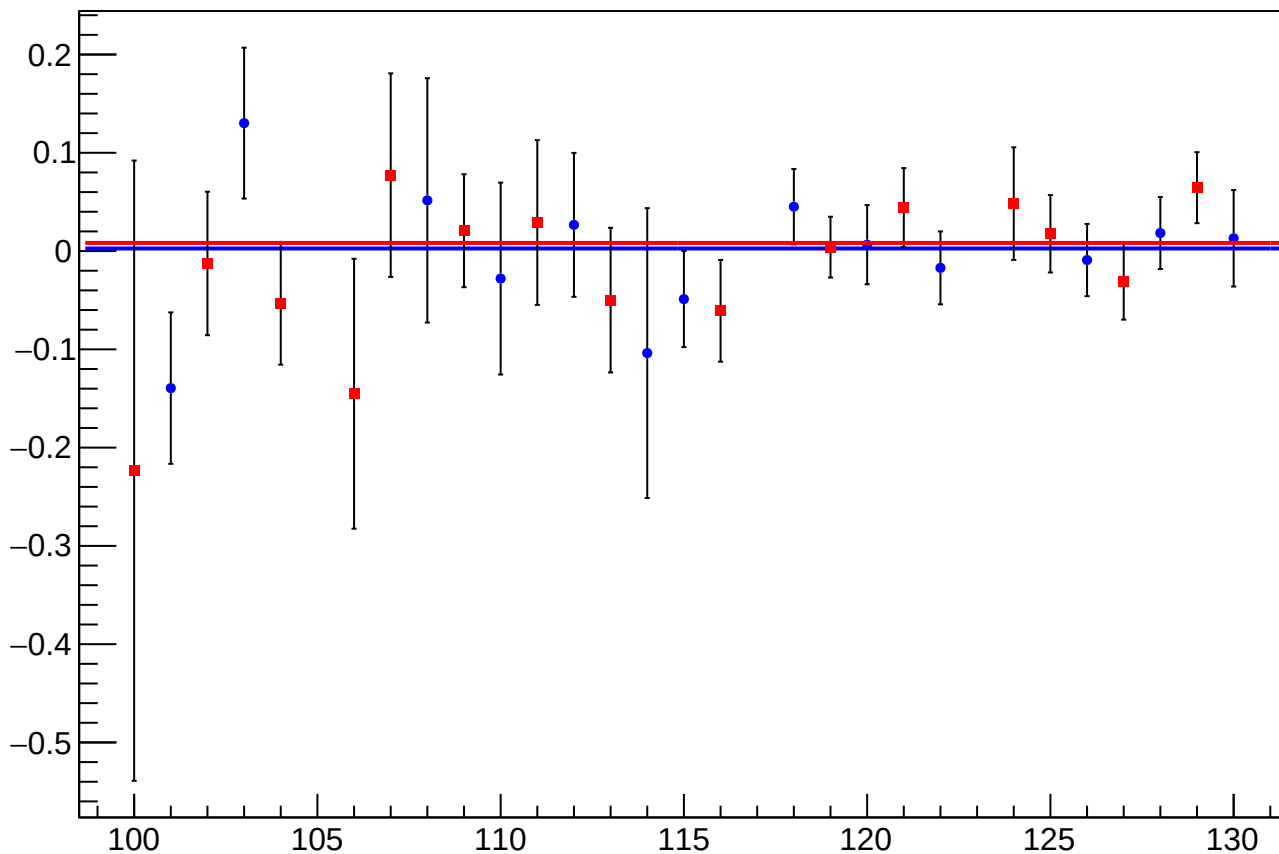
Right: 0.000+/-0.000 χ^2/NDF : 1758665.3/27

In: 0.000+/-0.000 χ^2/NDF : 902348.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1758665.3/27

asym_sam_15_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003 $\pm$ 0.014 χ^2 /NDF: 10.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.008 $\pm$ 0.013 χ^2 /NDF: 10.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

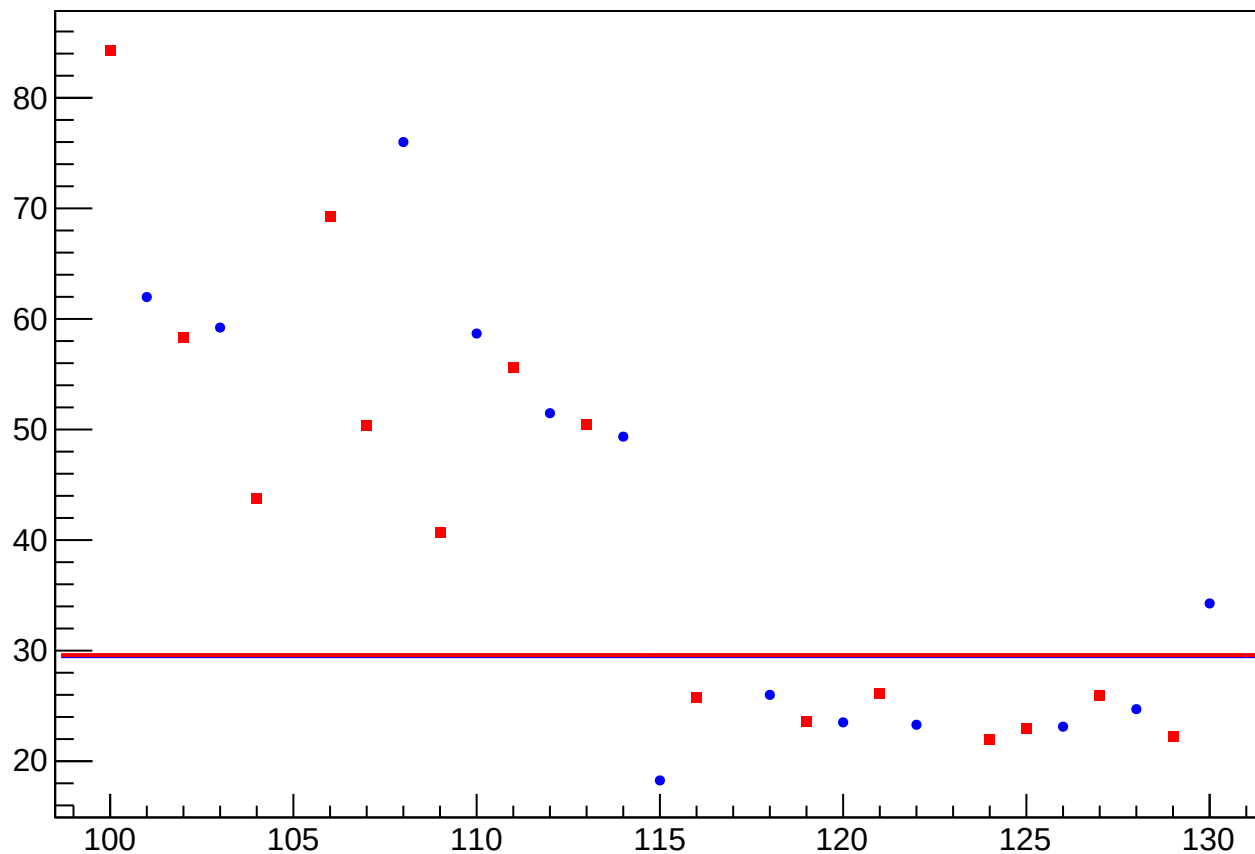
Right: 0.006 $\pm$ 0.010 χ^2 /NDF: 20.7/27

In: 0.003 $\pm$ 0.014 χ^2 /NDF:10.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.006 $\pm$ 0.010 χ^2 /NDF: 20.7/27

asym_sam_15_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.499+/-0.010 χ^2/NDF : 1665954.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 29.596+/-0.009 χ^2/NDF : 1441241.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

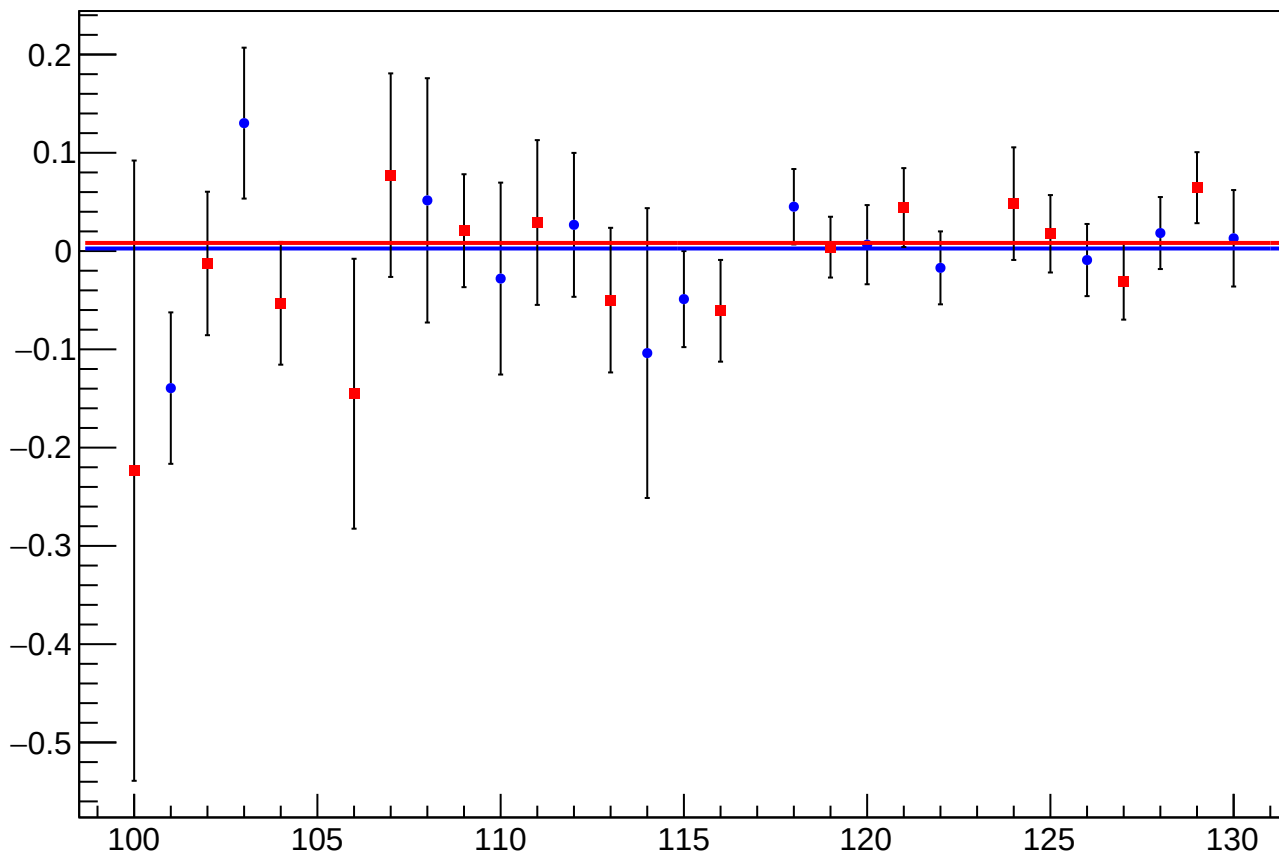
Right: 29.550+/-0.007 χ^2/NDF : 3107247.1/27

In: 29.499+/-0.010 χ^2/NDF :1665954.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 29.550+/-0.007 χ^2/NDF : 3107247.1/27

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003+/-0.014 χ^2/NDF : 10.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.013 χ^2/NDF : 10.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

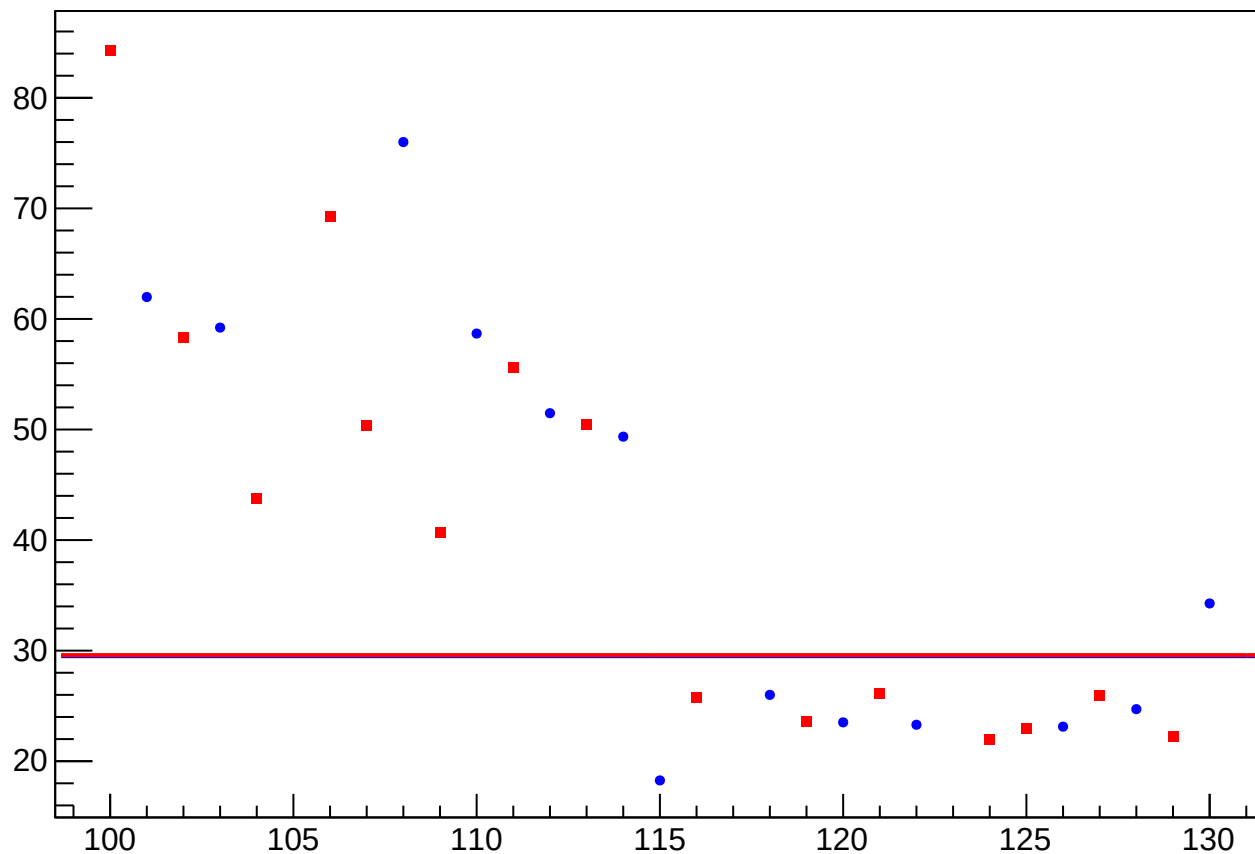
Right: 0.006+/-0.010 χ^2/NDF : 20.7/27

In: 0.003+/-0.014 χ^2/NDF : 10.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.010 χ^2/NDF : 20.7/27

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.499+/-0.010 χ^2/NDF : 1665954.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.596+/-0.009 χ^2/NDF : 1441241.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

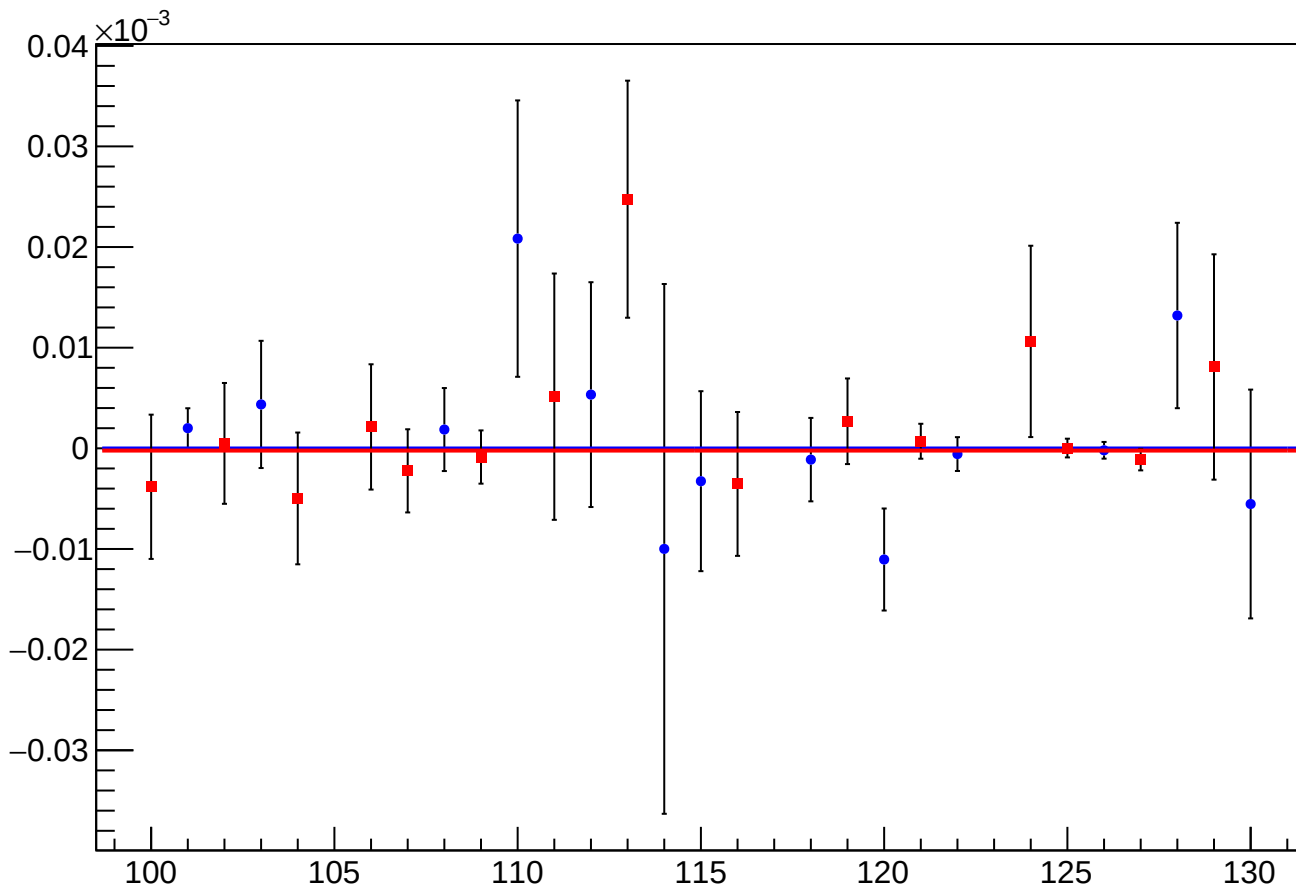
Right: 29.550+/-0.007 χ^2/NDF : 3107247.1/27

In: 29.499+/-0.010 χ^2/NDF : 1665954.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.550+/-0.007 χ^2/NDF : 3107247.1/27

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

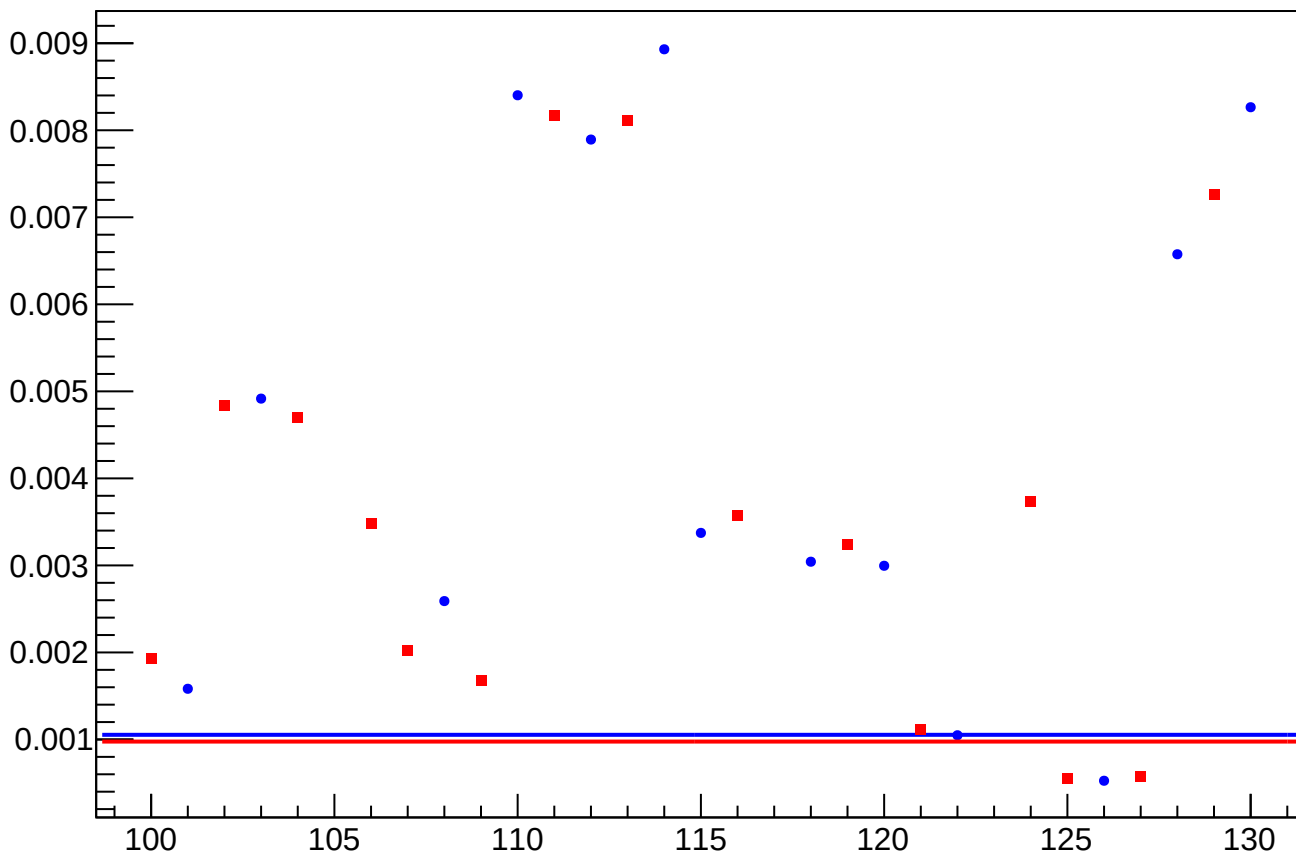
Right: -0.000+/-0.000 χ^2/NDF : 21.4/27

In: -0.000+/-0.000 χ^2/NDF : 11.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.4/27

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 5892869.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 5870347.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

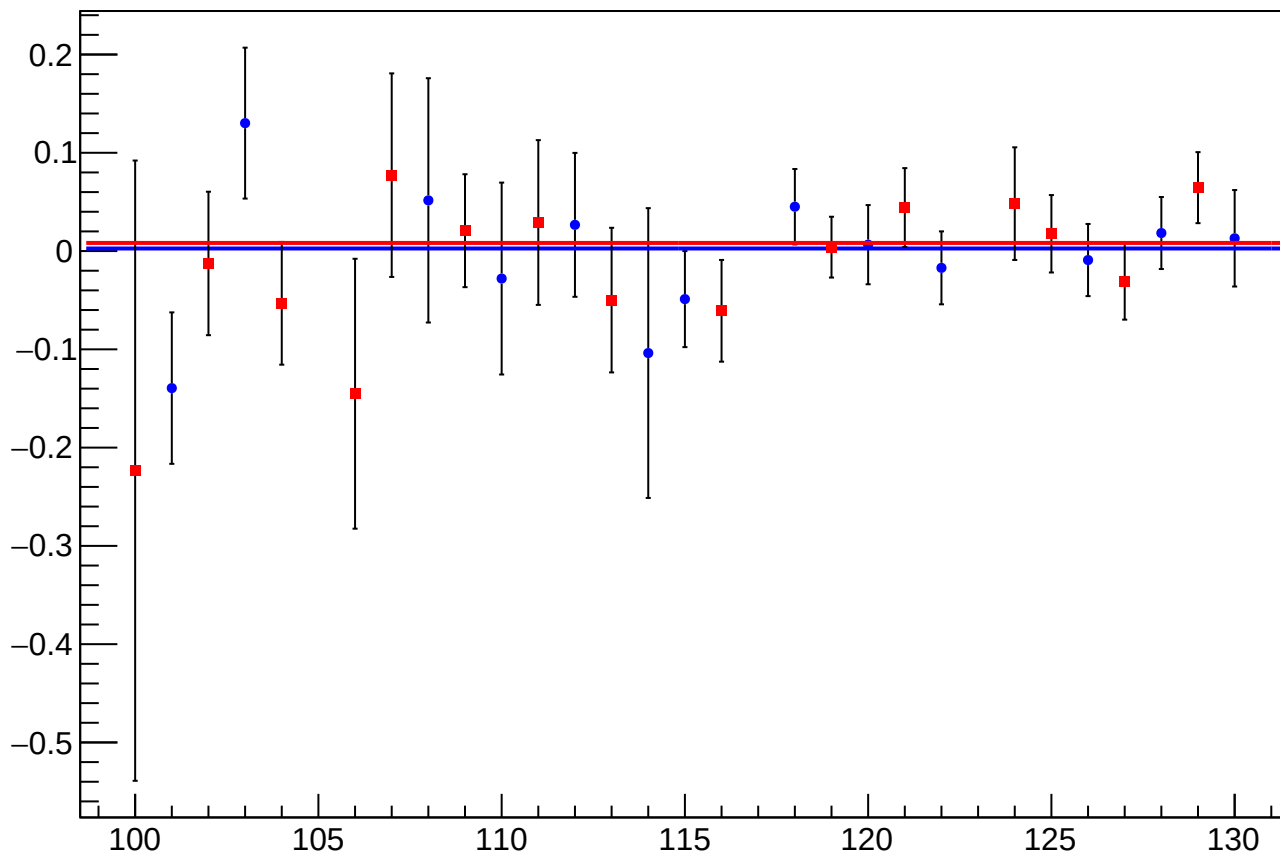
Right: 0.001+/-0.000 χ^2/NDF : 11778336.4/27

In: 0.001+/-0.000 χ^2/NDF :5892869.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 11778336.4/27

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003 $\pm$ 0.014 χ^2 /NDF: 10.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.008 $\pm$ 0.013 χ^2 /NDF: 10.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

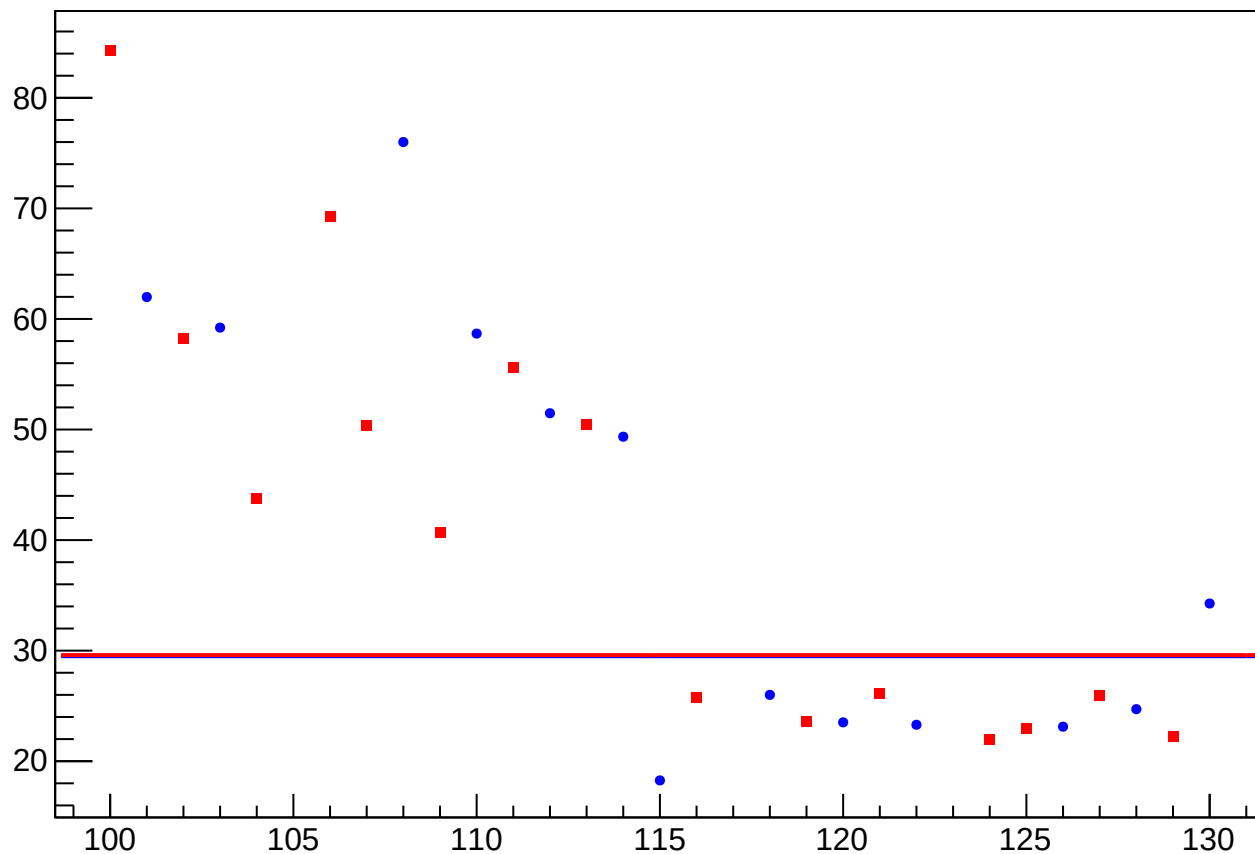
Right: 0.006 $\pm$ 0.010 χ^2 /NDF: 20.7/27

In: 0.003 $\pm$ 0.014 χ^2 /NDF:10.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.006 $\pm$ 0.010 χ^2 /NDF: 20.7/27

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.499+/-0.010 χ^2/NDF : 1665776.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.596+/-0.009 χ^2/NDF : 1441128.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

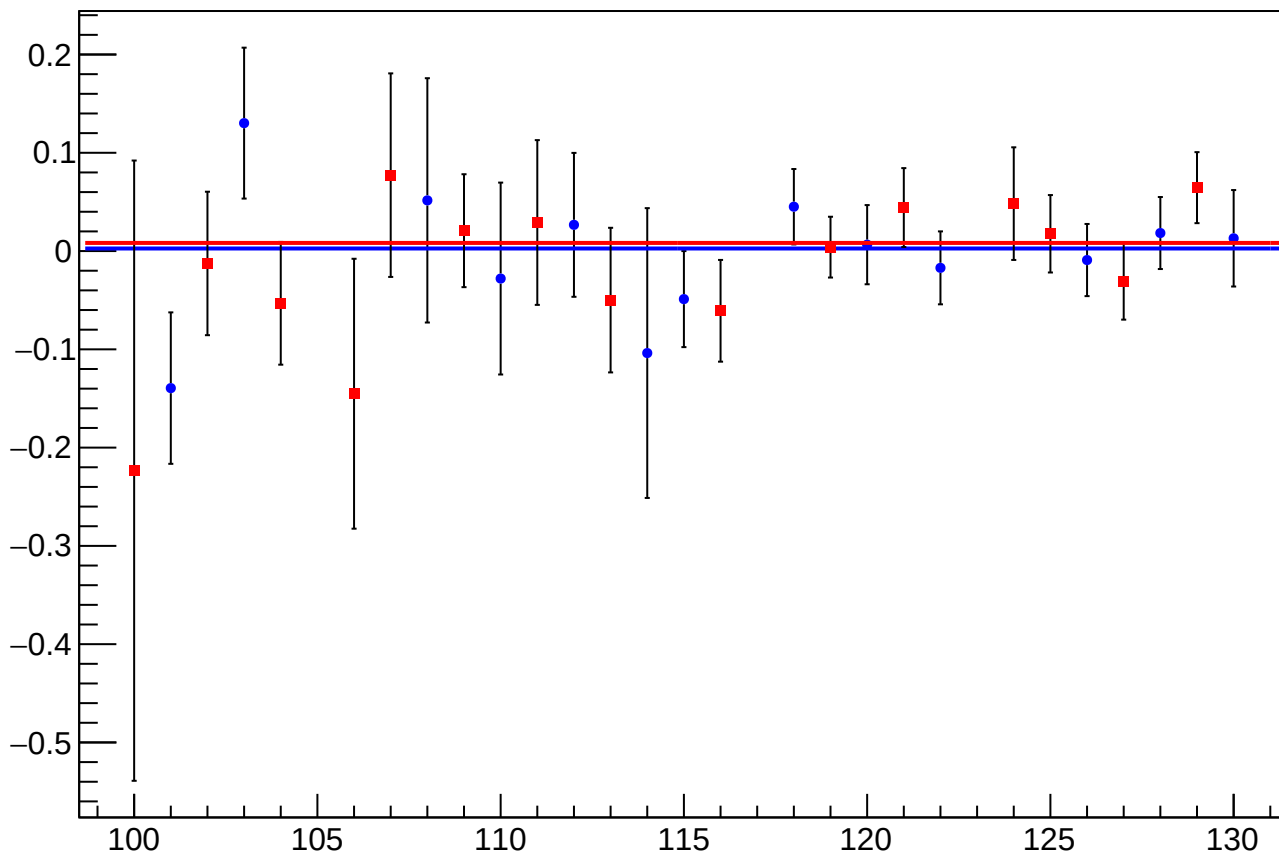
Right: 29.550+/-0.007 χ^2/NDF : 3106956.0/27

In: 29.499+/-0.010 χ^2/NDF : 1665776.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.550+/-0.007 χ^2/NDF : 3106956.0/27

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003+/-0.014 χ^2/NDF : 10.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.013 χ^2/NDF : 10.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

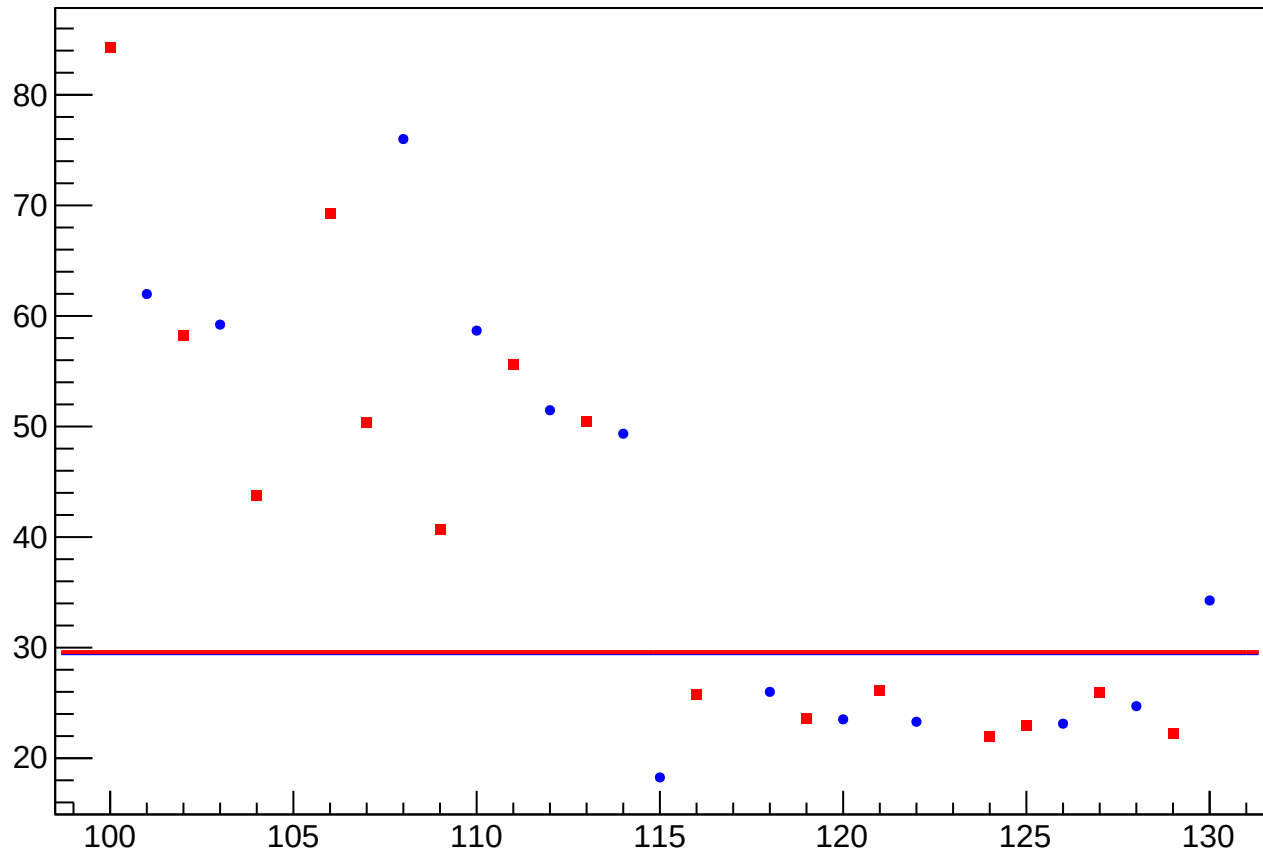
Right: 0.006+/-0.010 χ^2/NDF : 20.7/27

In: 0.003+/-0.014 χ^2/NDF :10.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.010 χ^2/NDF : 20.7/27

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.499+/-0.010 χ^2/NDF : 1665776.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.596+/-0.009 χ^2/NDF : 1441128.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

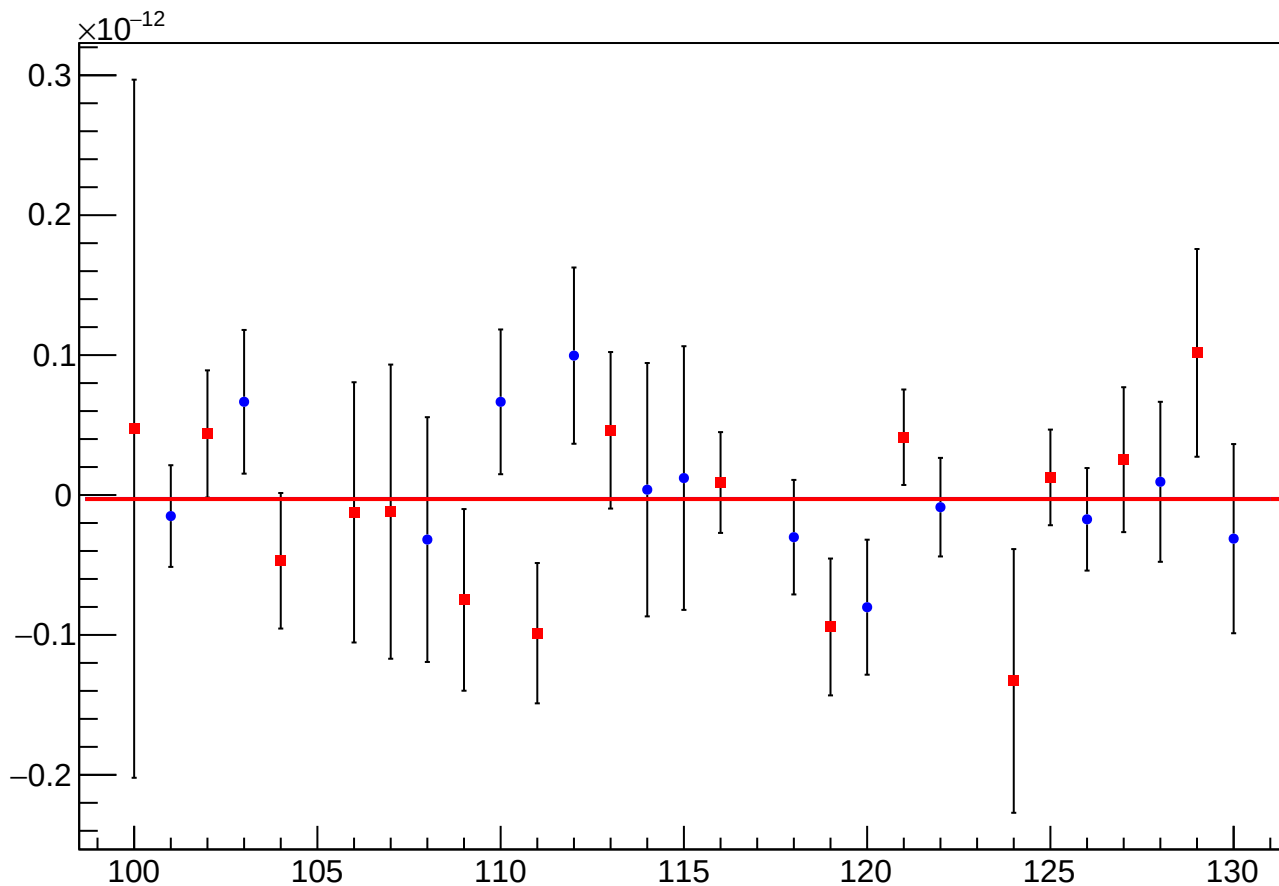
Right: 29.550+/-0.007 χ^2/NDF : 3106956.0/27

In: 29.499+/-0.010 χ^2/NDF : 1665776.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.550+/-0.007 χ^2/NDF : 3106956.0/27

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

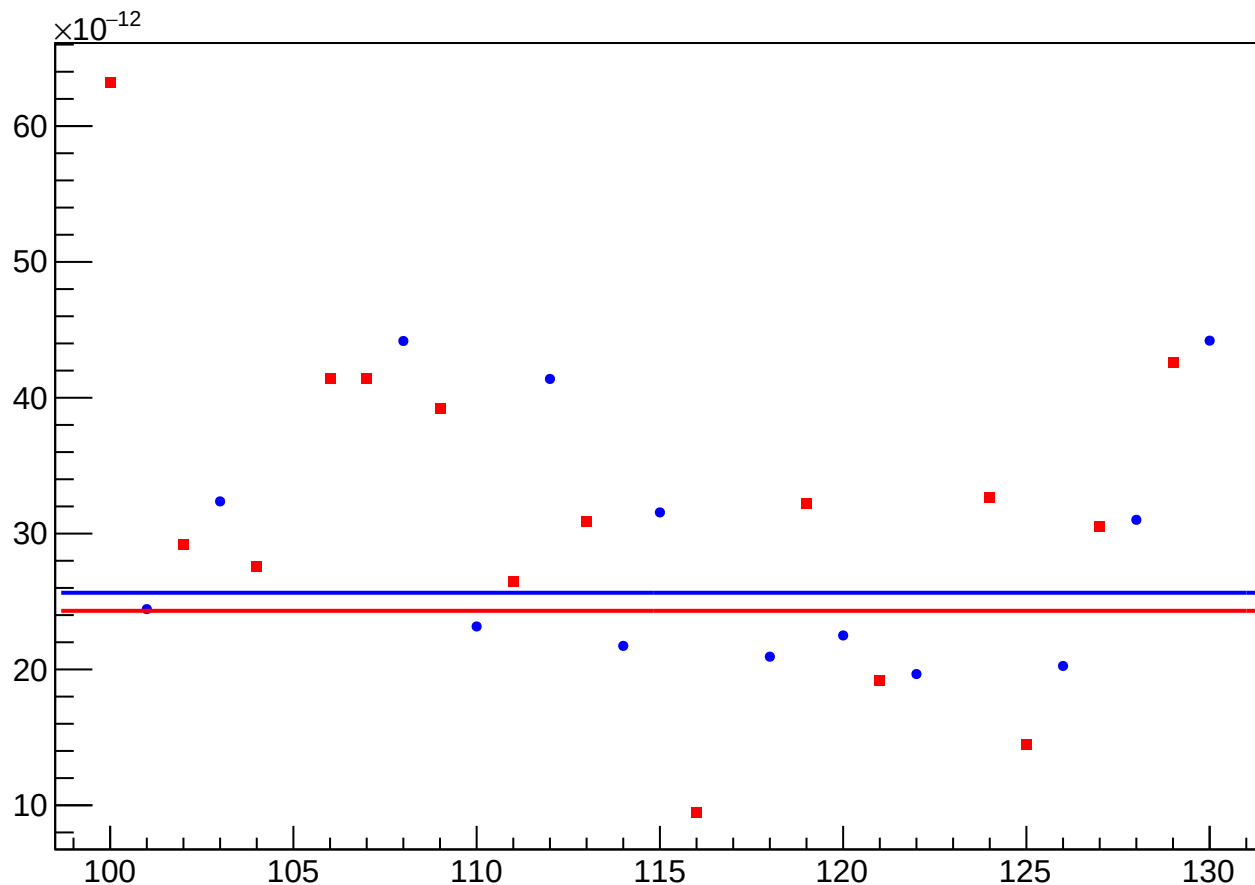
Right: -0.000+/-0.000 χ^2/NDF : 27.2/27

In: -0.000+/-0.000 χ^2/NDF : 10.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.2/27

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 571621.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1108671.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

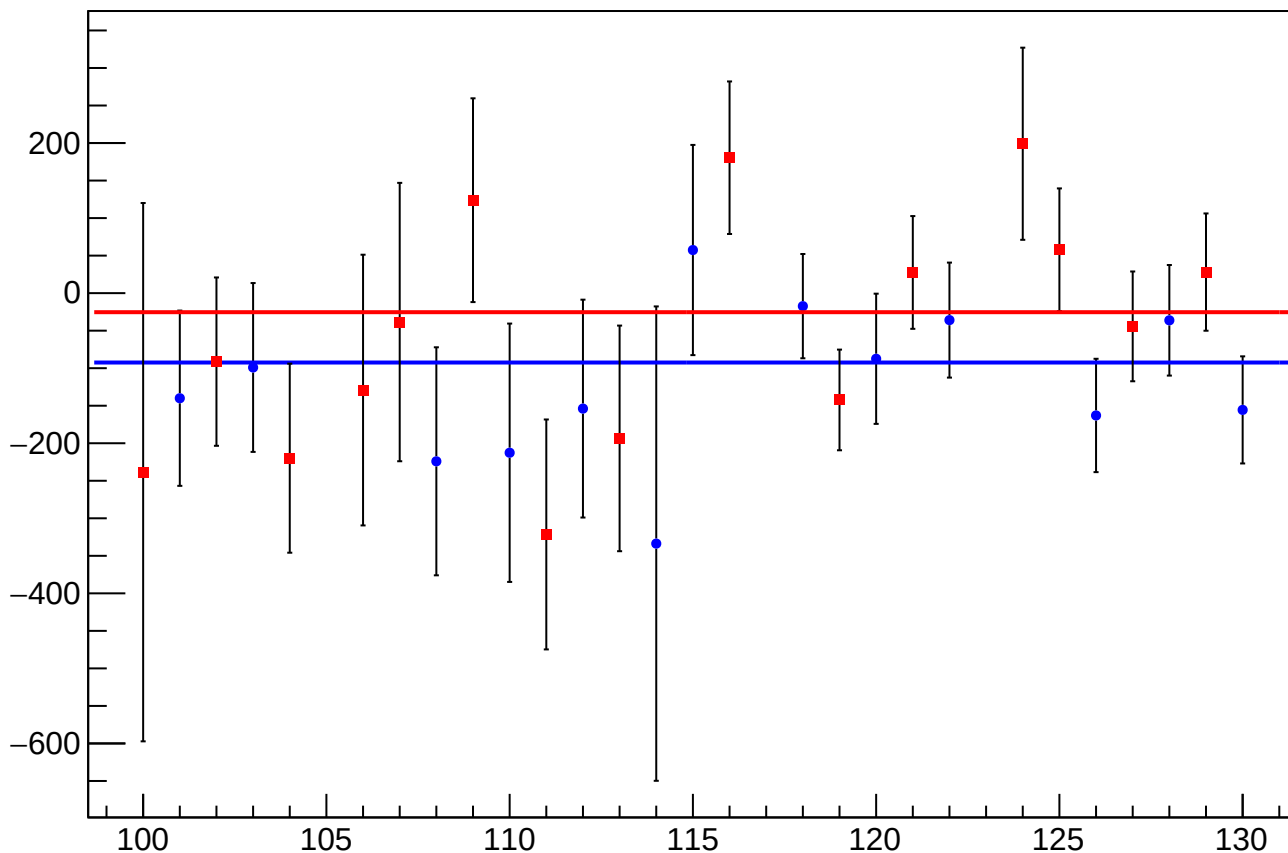
Right: 0.000+/-0.000 χ^2/NDF : 1689896.1/27

In: 0.000+/-0.000 χ^2/NDF : 571621.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1689896.1/27

reg_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -92.445 $\pm$ 26.684 χ^2 /NDF: 7.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -25.380 $\pm$ 26.639 χ^2 /NDF: 21.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

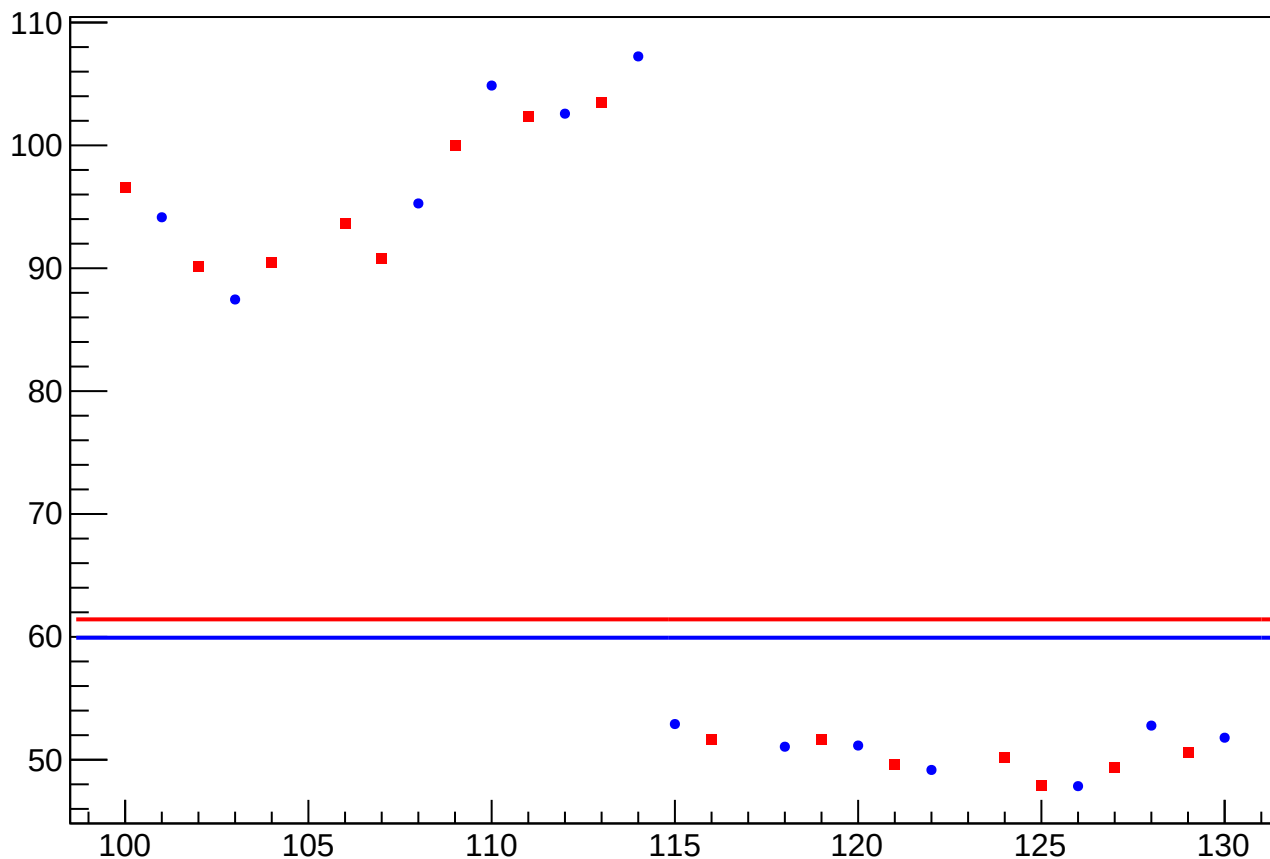
Right: -58.856 $\pm$ 18.853 χ^2 /NDF: 32.3/27

In: -92.445 $\pm$ 26.684 χ^2 /NDF:7.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -58.856 $\pm$ 18.853 χ^2 /NDF: 32.3/27

reg_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.932+/-0.019 χ^2/NDF : 947132.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 61.425+/-0.019 χ^2/NDF : 1104294.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

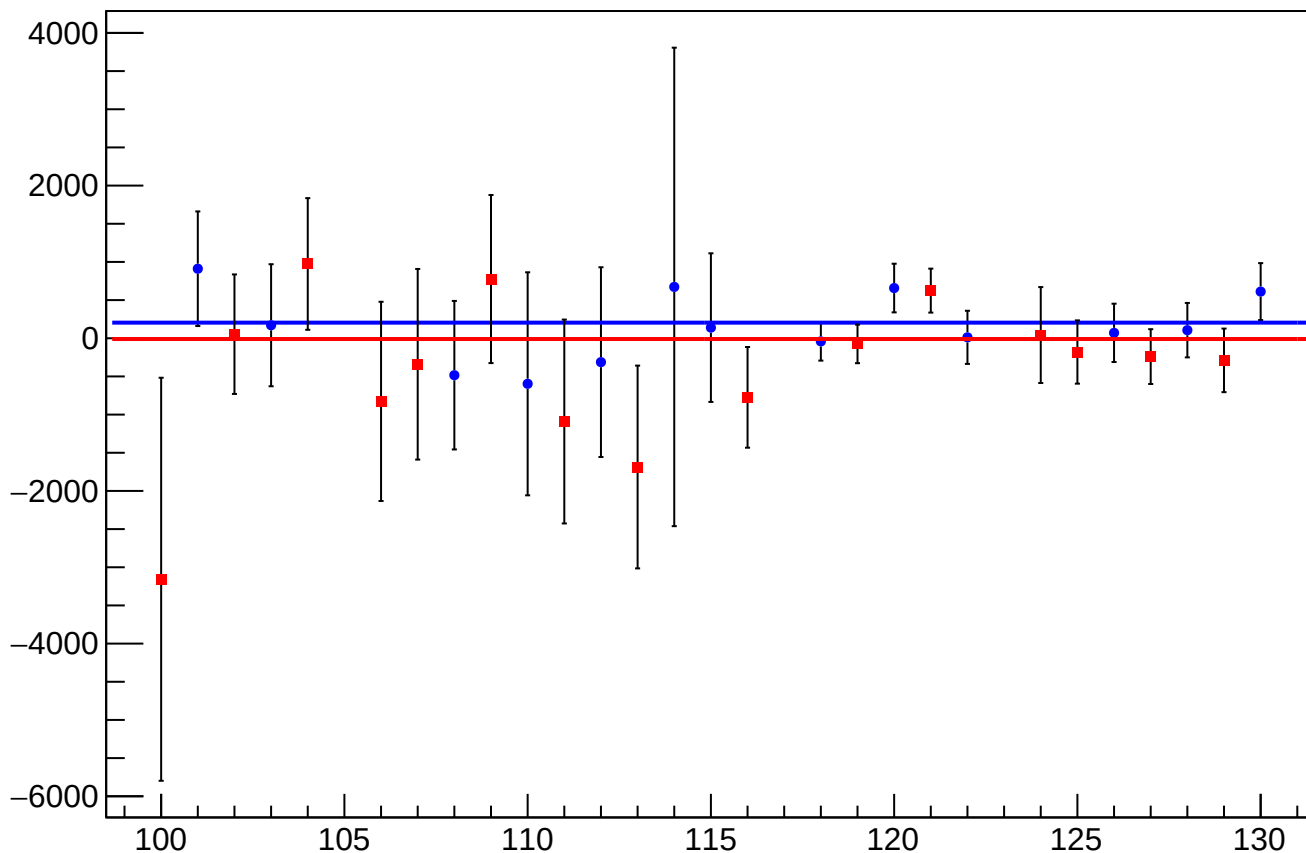
Right: 60.680+/-0.013 χ^2/NDF : 2054560.5/27

In: 59.932+/-0.019 χ^2/NDF :947132.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 60.680+/-0.013 χ^2/NDF : 2054560.5/27

asym_sam_37_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 204.554 $\pm$ 126.623 χ^2 /NDF: 6.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -9.864 $\pm$ 131.065 χ^2 /NDF: 13.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

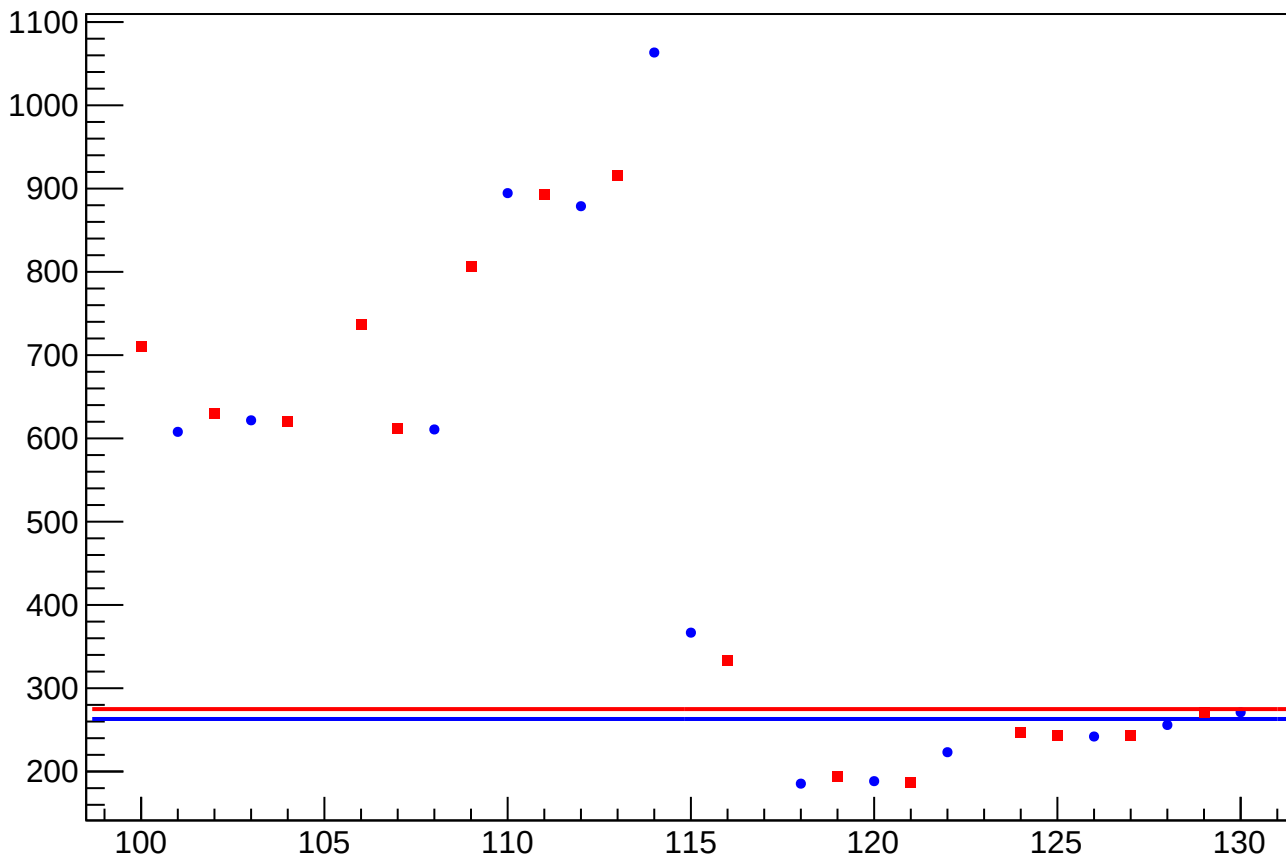
Right: 101.040 $\pm$ 91.066 χ^2 /NDF: 21.2/27

In: 204.554 $\pm$ 126.623 χ^2 /NDF: 6.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 101.040 $\pm$ 91.066 χ^2 /NDF: 21.2/27

asym_sam_37_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 263.058+/-0.090 χ^2/NDF : 2430925.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 274.950+/-0.093 χ^2/NDF : 2986222.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

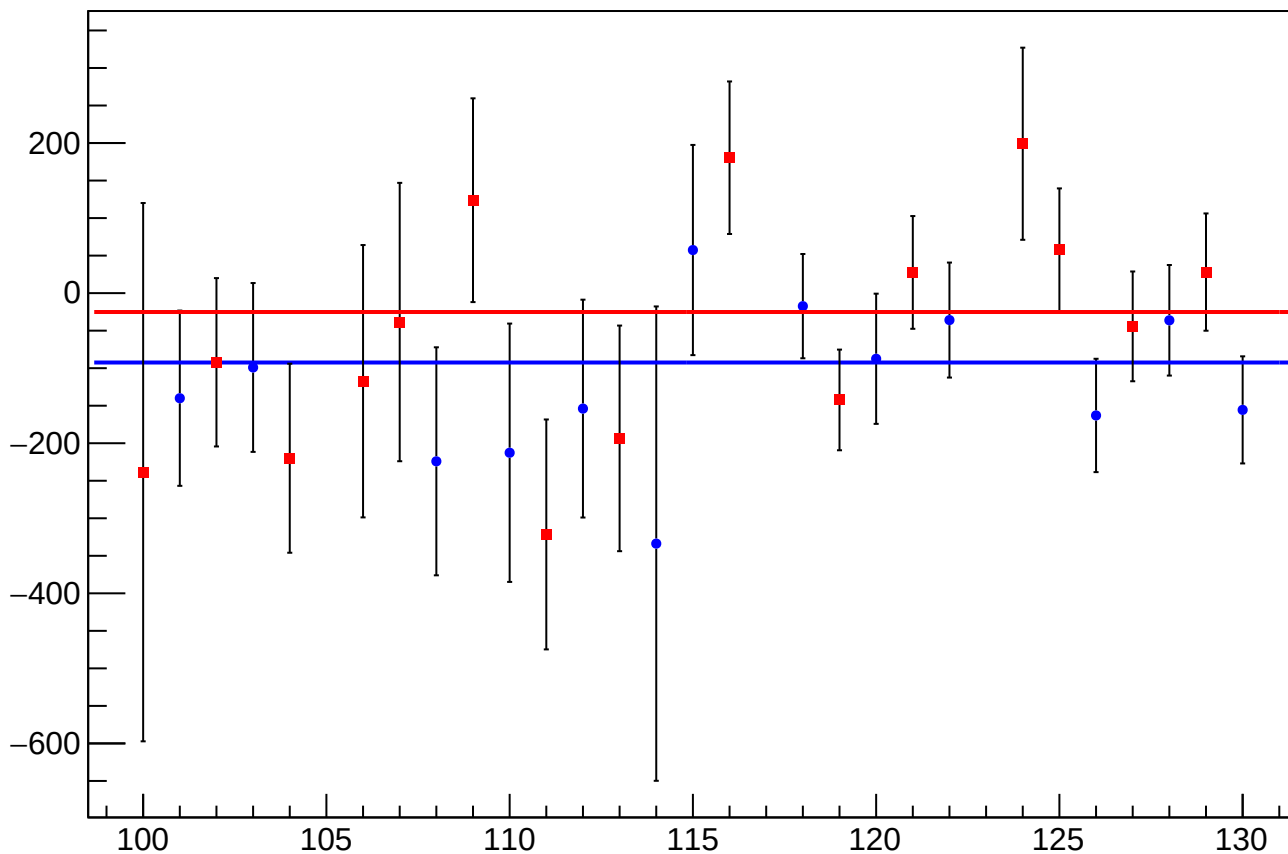
Right: 268.799+/-0.064 χ^2/NDF : 5425664.8/27

In: 263.058+/-0.090 χ^2/NDF : 2430925.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 268.799+/-0.064 χ^2/NDF : 5425664.8/27

cor_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -92.446 ± 26.684 χ^2/NDF : 7.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -25.149 ± 26.643 χ^2/NDF : 21.8/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

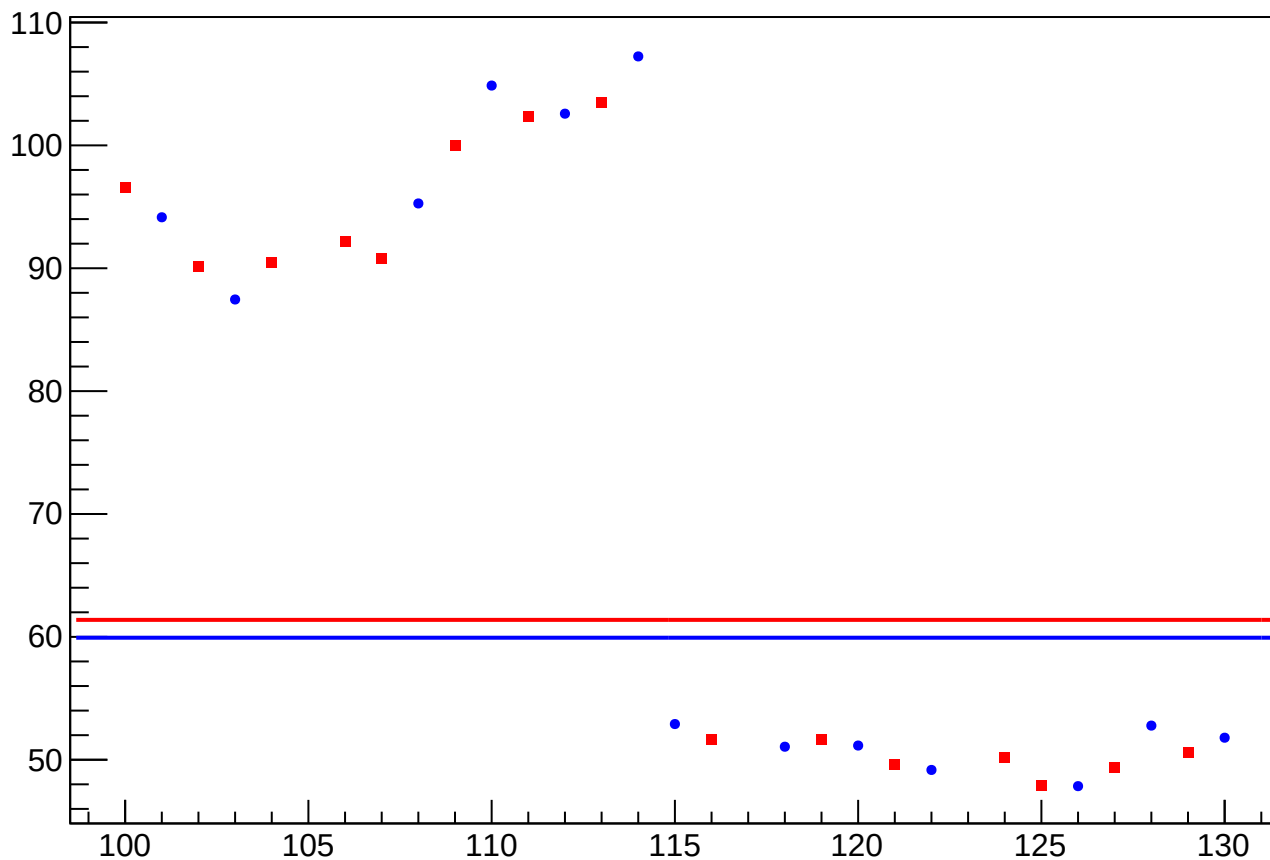
Right: -58.745 ± 18.854 χ^2/NDF : 32.3/27

In: -92.446 ± 26.684 χ^2/NDF : 7.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -58.745 ± 18.854 χ^2/NDF : 32.3/27

cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.932+/-0.019 χ^2/NDF : 947133.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.384+/-0.019 χ^2/NDF : 1097801.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

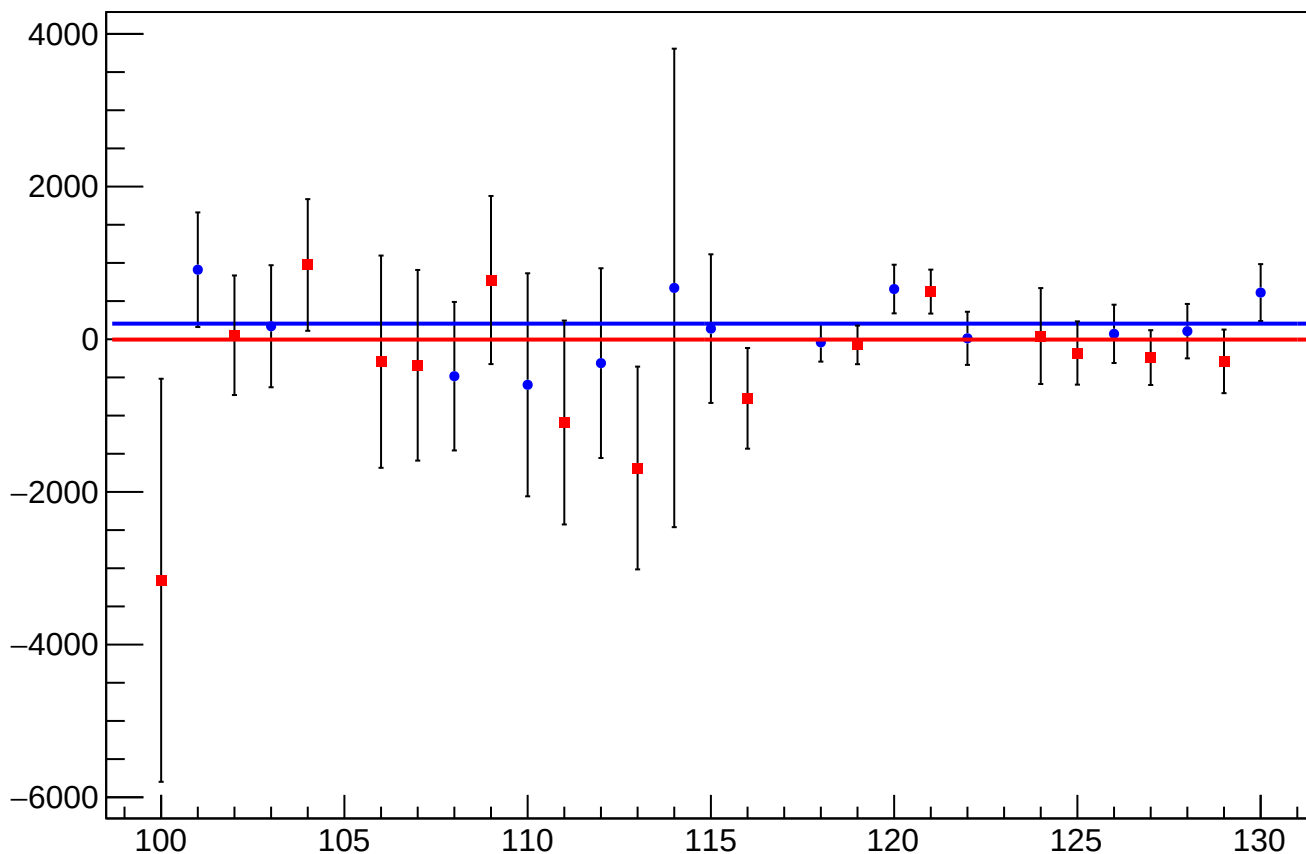
Right: 60.659+/-0.013 χ^2/NDF : 2047897.1/27

In: 59.932+/-0.019 χ^2/NDF : 947133.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.659+/-0.013 χ^2/NDF : 2047897.1/27

asym_sam_37_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 204.550+/-126.623 χ^2/NDF : 6.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.175+/-131.145 χ^2/NDF : 12.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

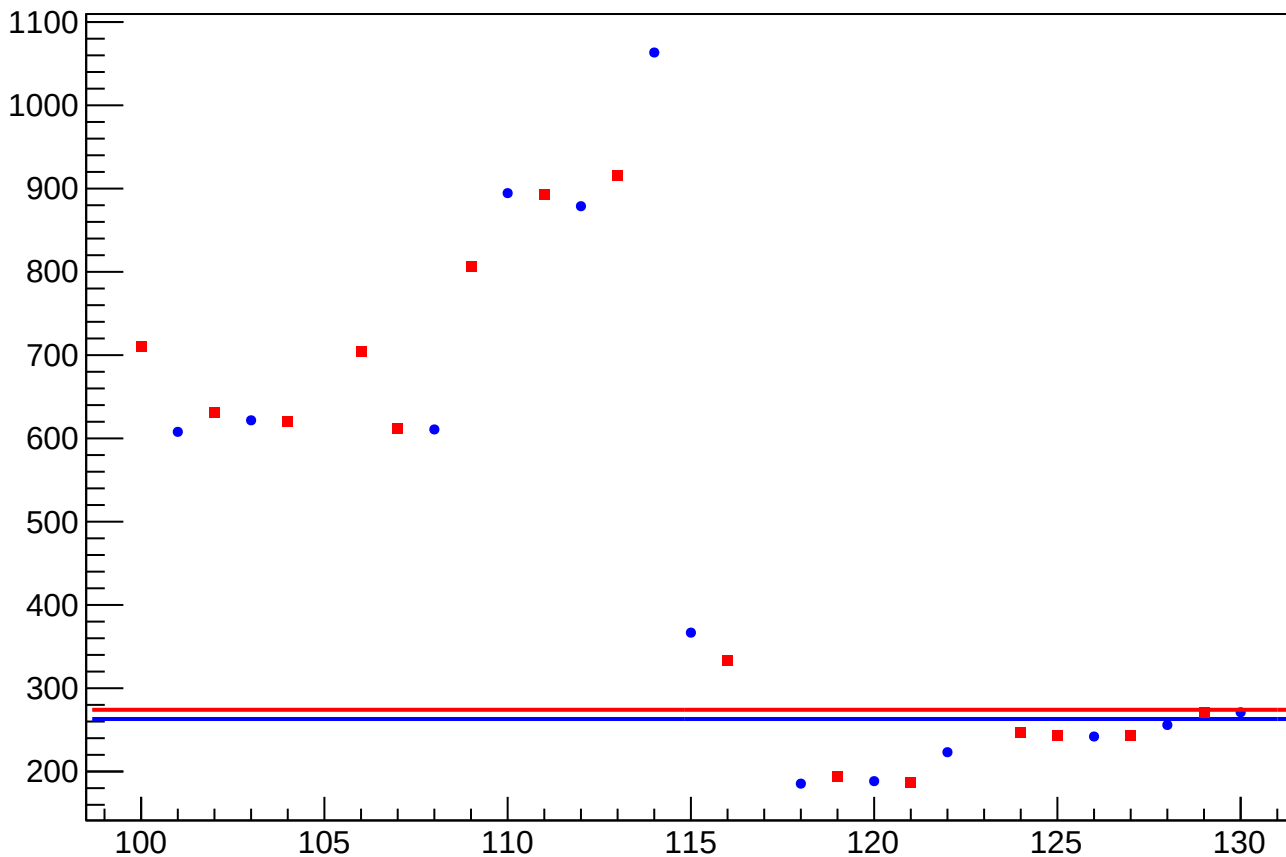
Right: 103.848+/-91.093 χ^2/NDF : 20.7/27

In: 204.550+/-126.623 χ^2/NDF : 6.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.848+/-91.093 χ^2/NDF : 20.7/27

asym_sam_37_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 263.057+/-0.090 χ^2/NDF : 2430941.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 274.110+/-0.093 χ^2/NDF : 2927109.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

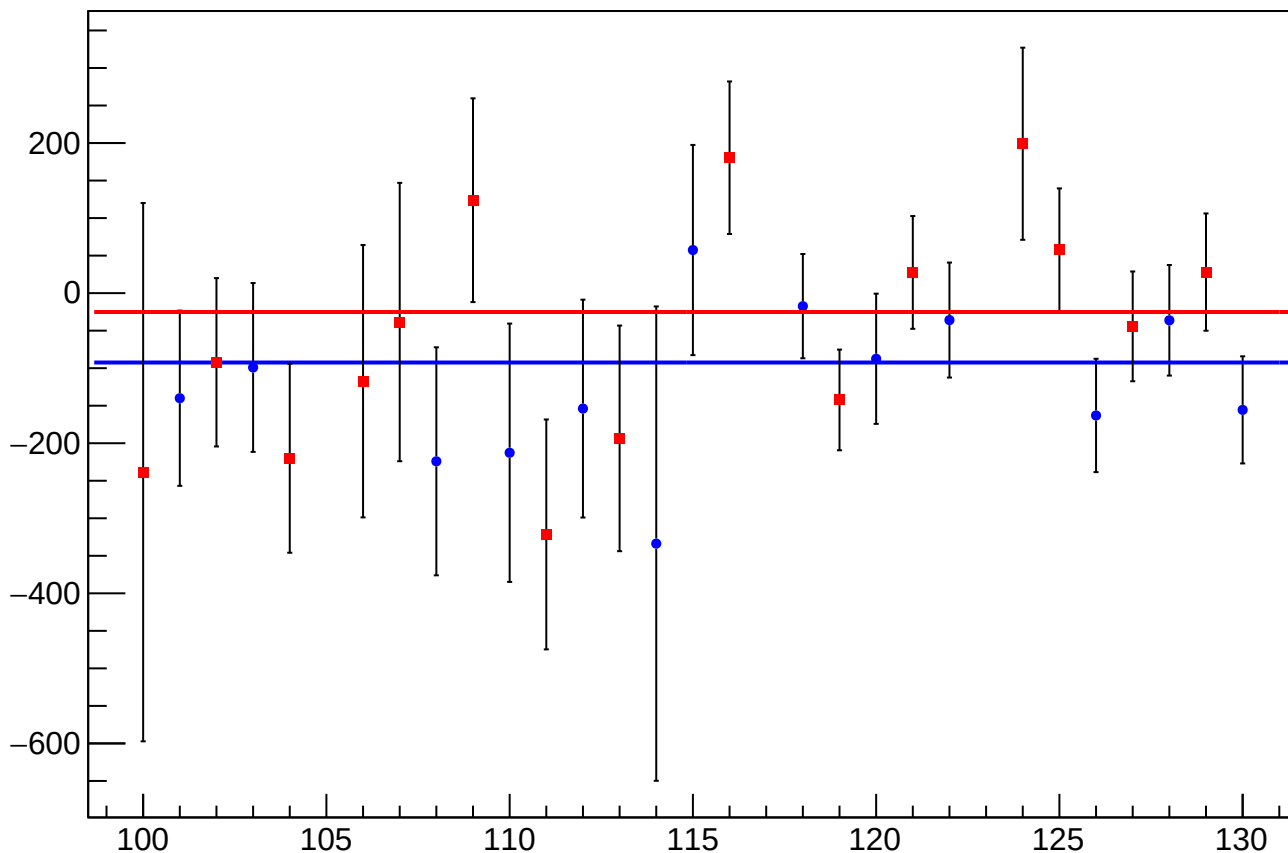
Right: 268.390+/-0.064 χ^2/NDF : 5365403.2/27

In: 263.057+/-0.090 χ^2/NDF : 2430941.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 268.390+/-0.064 χ^2/NDF : 5365403.2/27

eigen_cor_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -92.446 ± 26.684 χ^2/NDF : 7.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -25.149 ± 26.643 χ^2/NDF : 21.8/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

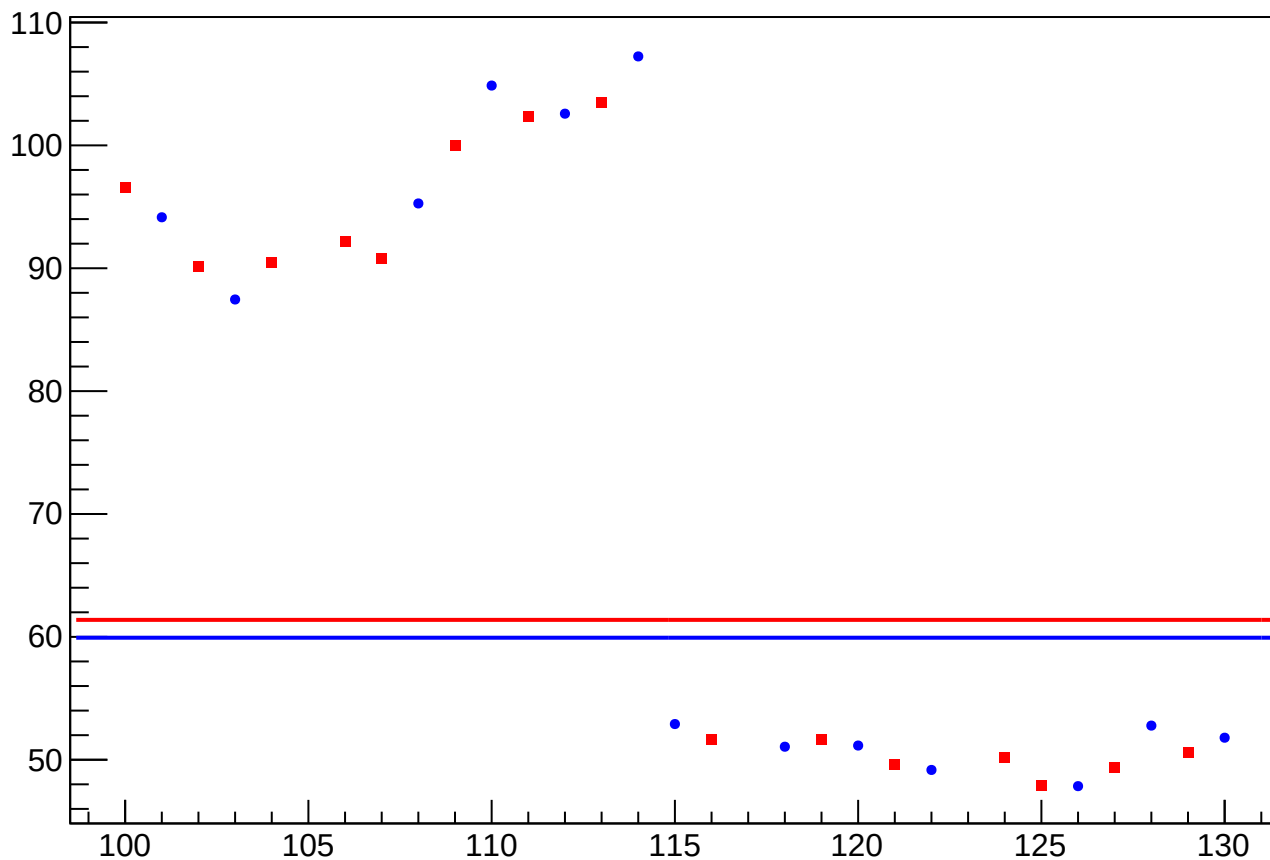
Right: -58.745 ± 18.854 χ^2/NDF : 32.3/27

In: -92.446 ± 26.684 χ^2/NDF : 7.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -58.745 ± 18.854 χ^2/NDF : 32.3/27

eigen_cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.932+/-0.019 χ^2/NDF : 947133.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.384+/-0.019 χ^2/NDF : 1097801.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

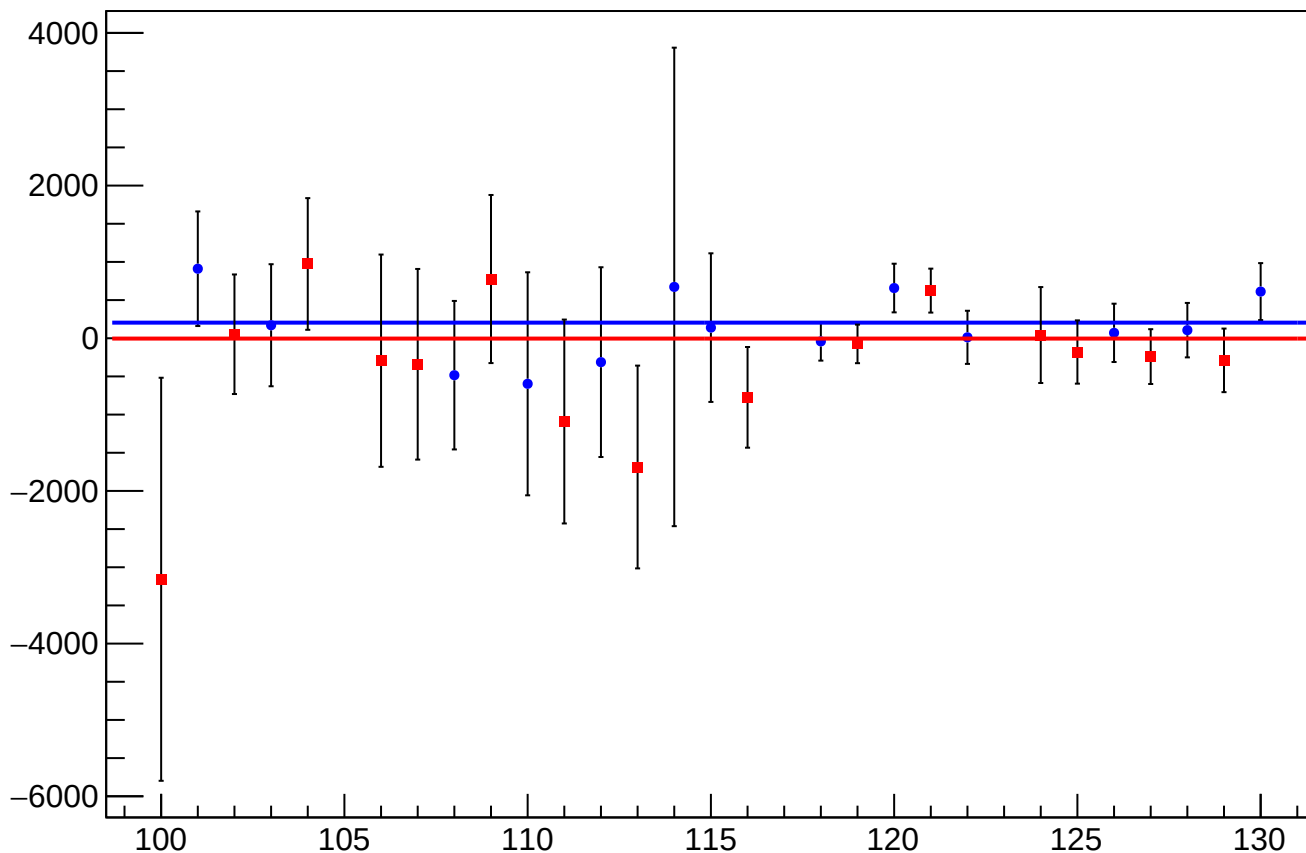
Right: 60.659+/-0.013 χ^2/NDF : 2047897.1/27

In: 59.932+/-0.019 χ^2/NDF : 947133.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.659+/-0.013 χ^2/NDF : 2047897.1/27

asym_sam_37_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 204.550 $\pm$ 126.623 χ^2 /NDF: 6.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -4.175 $\pm$ 131.145 χ^2 /NDF: 12.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

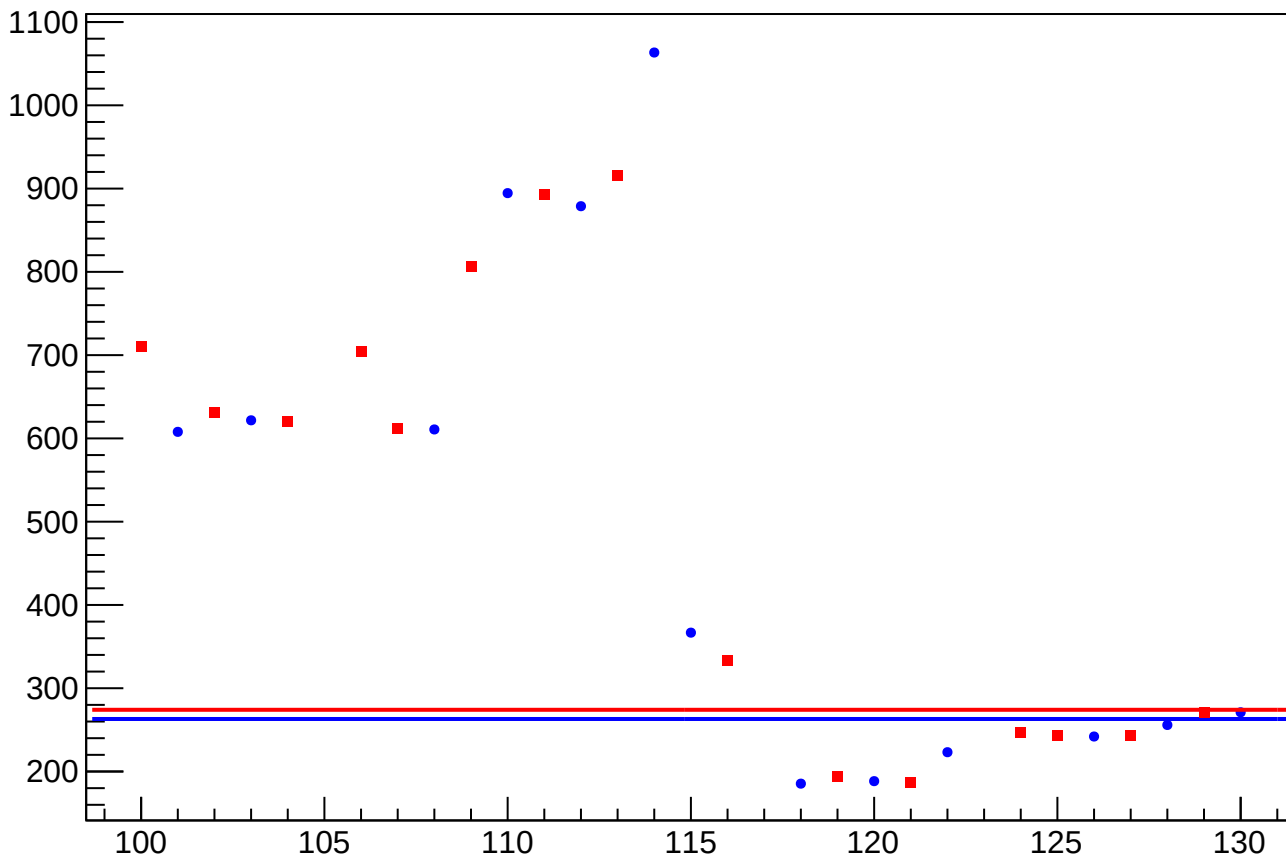
Right: 103.848 $\pm$ 91.093 χ^2 /NDF: 20.7/27

In: 204.550 $\pm$ 126.623 χ^2 /NDF:6.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 103.848 $\pm$ 91.093 χ^2 /NDF: 20.7/27

asym_sam_37_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 263.057+/-0.090 χ^2/NDF : 2430941.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 274.110+/-0.093 χ^2/NDF : 2927109.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

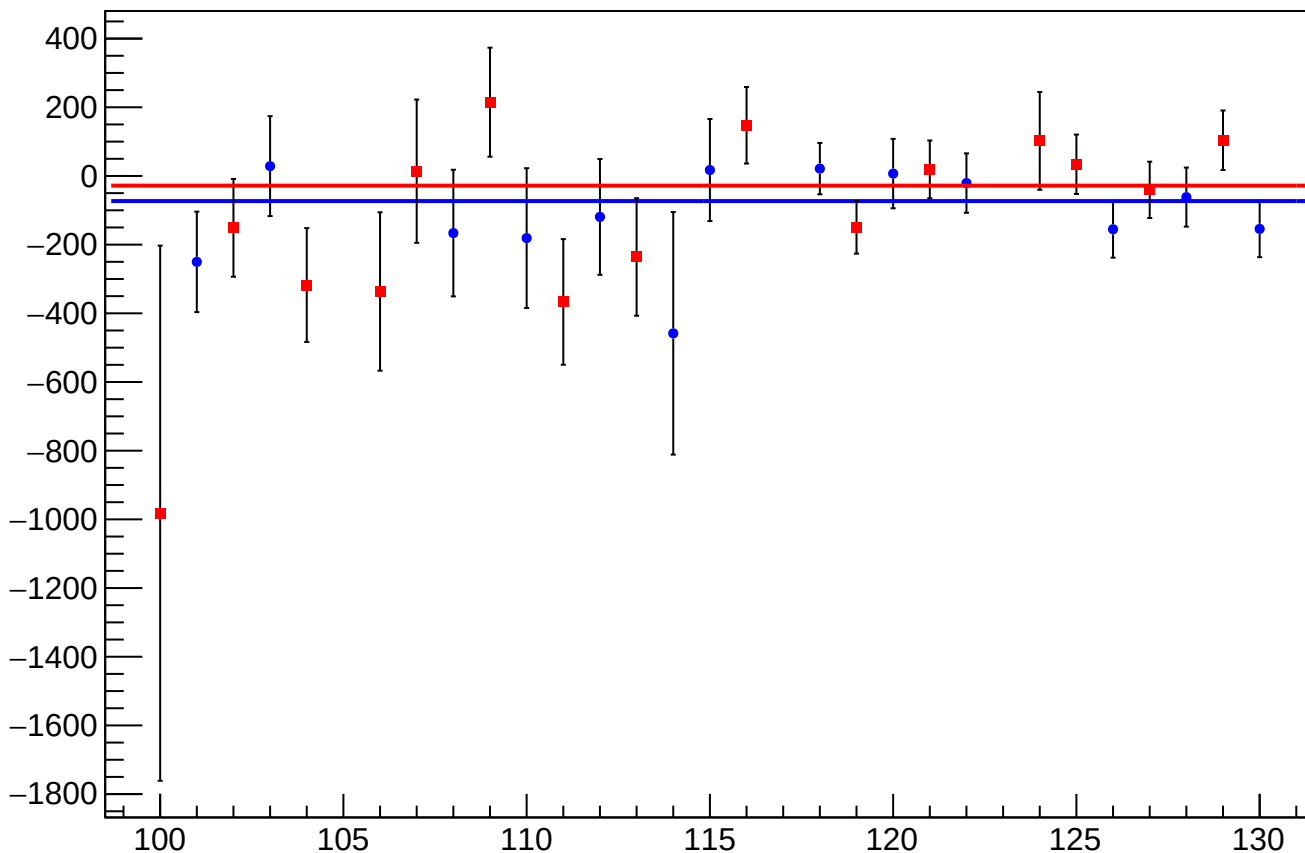
Right: 268.390+/-0.064 χ^2/NDF : 5365403.2/27

In: 263.057+/-0.090 χ^2/NDF : 2430941.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 268.390+/-0.064 χ^2/NDF : 5365403.2/27

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -73.142 $\pm$ 30.499 χ^2 /NDF: 8.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -28.208 $\pm$ 30.295 χ^2 /NDF: 23.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

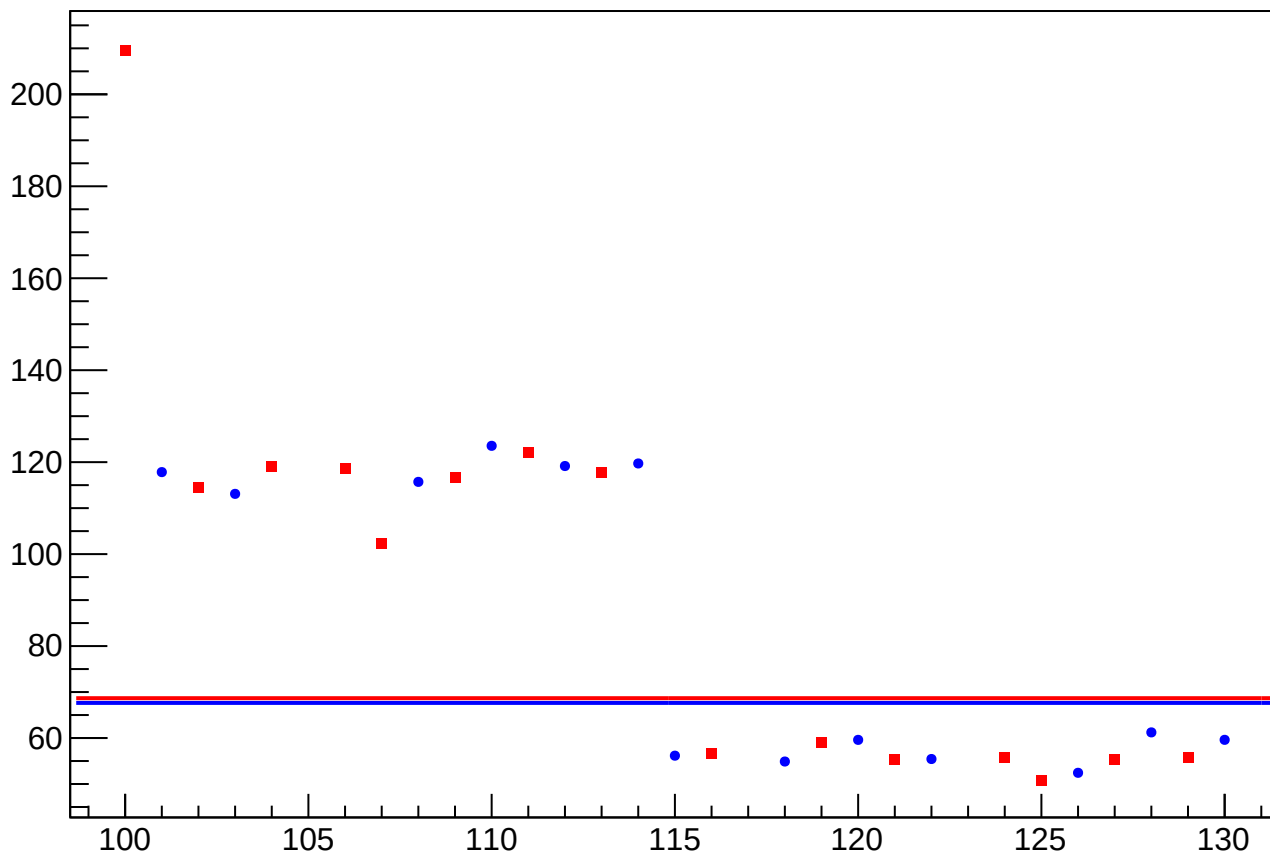
Right: -50.524 $\pm$ 21.494 χ^2 /NDF: 33.2/27

In: -73.142 $\pm$ 30.499 χ^2 /NDF:8.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -50.524 $\pm$ 21.494 χ^2 /NDF: 33.2/27

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 67.640+/-0.022 χ^2/NDF : 1168296.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.664+/-0.021 χ^2/NDF : 1427104.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

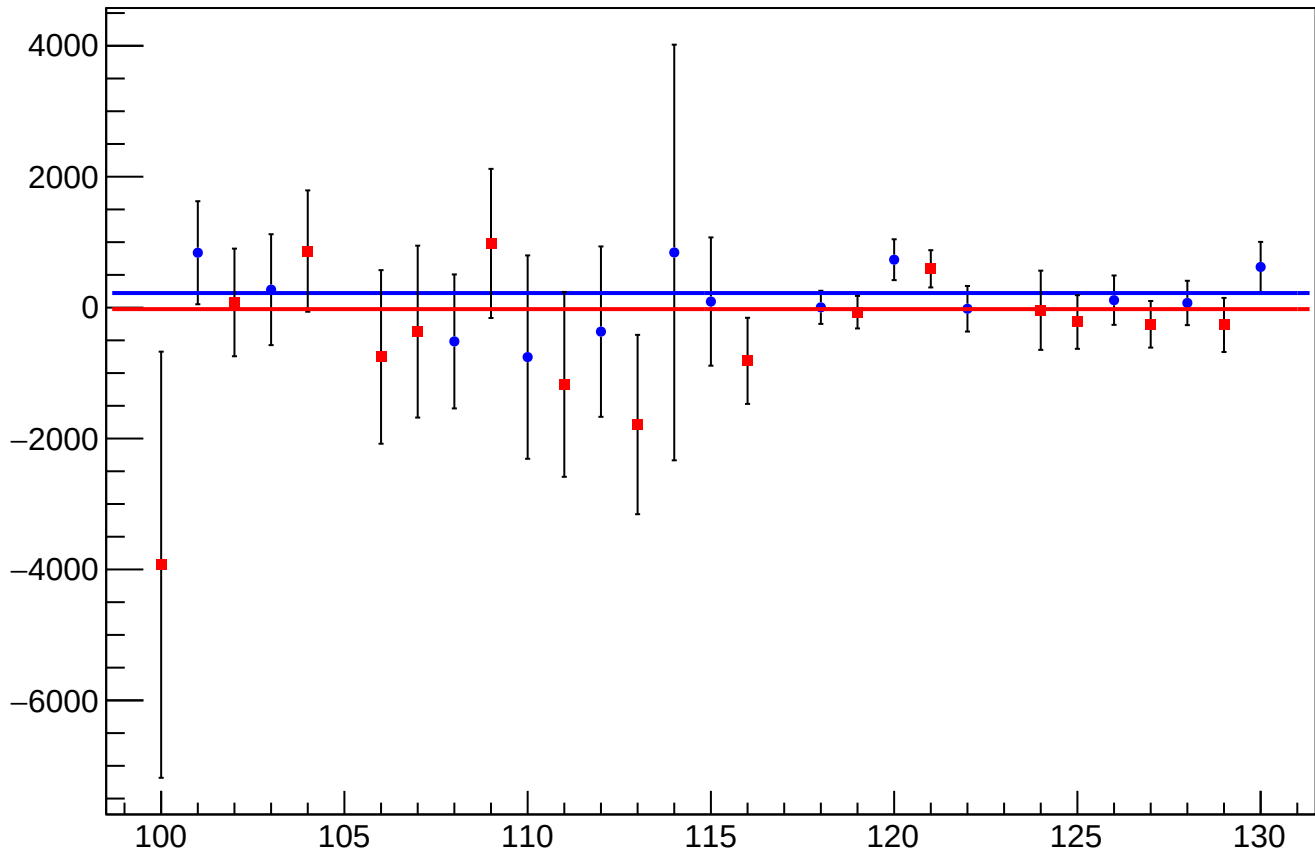
Right: 68.155+/-0.015 χ^2/NDF : 2596536.3/27

In: 67.640+/-0.022 χ^2/NDF : 1168296.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.155+/-0.015 χ^2/NDF : 2596536.3/27

asym_sam_37_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 222.643 $\pm$ 126.168 χ^2 /NDF: 7.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -22.863 $\pm$ 130.195 χ^2 /NDF: 13.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

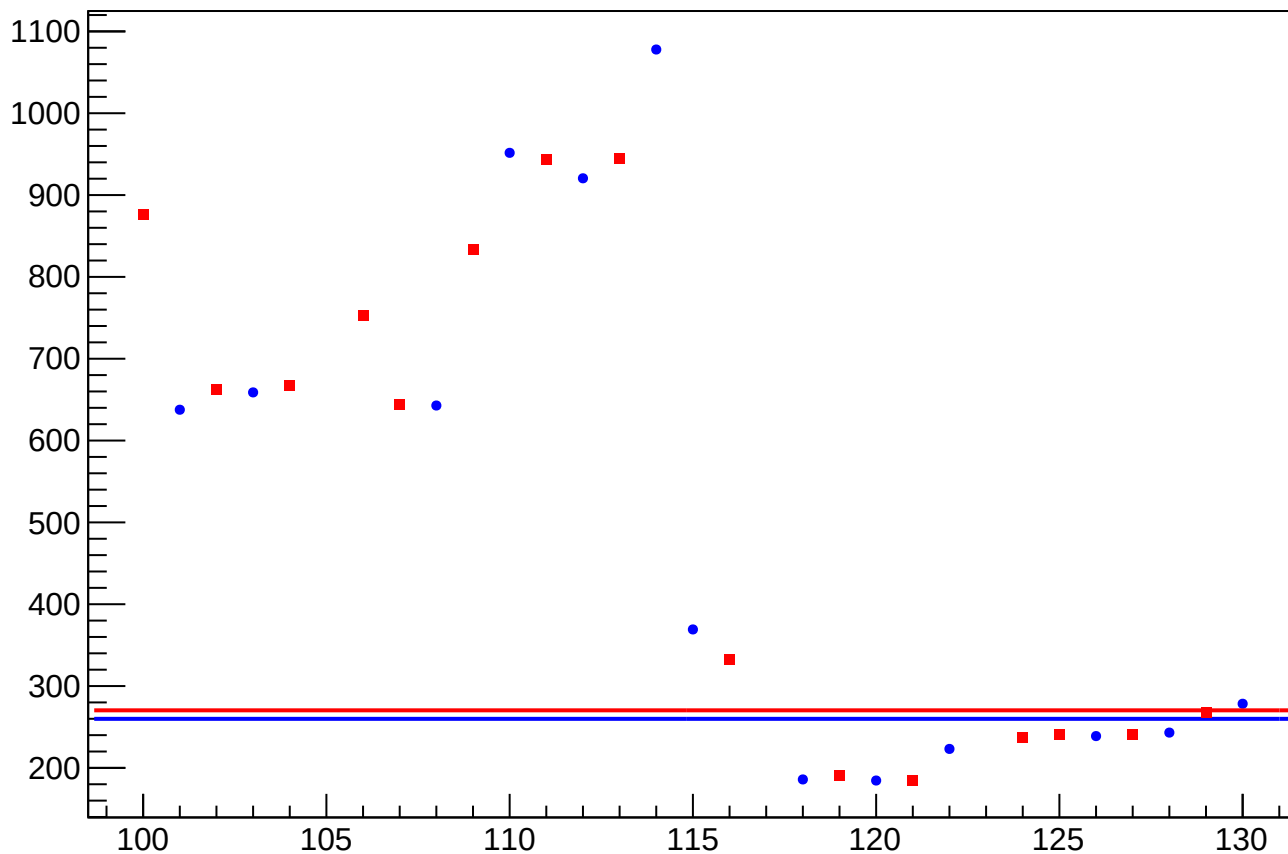
Right: 103.745 $\pm$ 90.604 χ^2 /NDF: 21.9/27

In: 222.643 $\pm$ 126.168 χ^2 /NDF:7.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 103.745 $\pm$ 90.604 χ^2 /NDF: 21.9/27

asym_sam_37_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 259.930+/-0.089 χ^2/NDF : 2579357.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 270.339+/-0.092 χ^2/NDF : 3180892.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

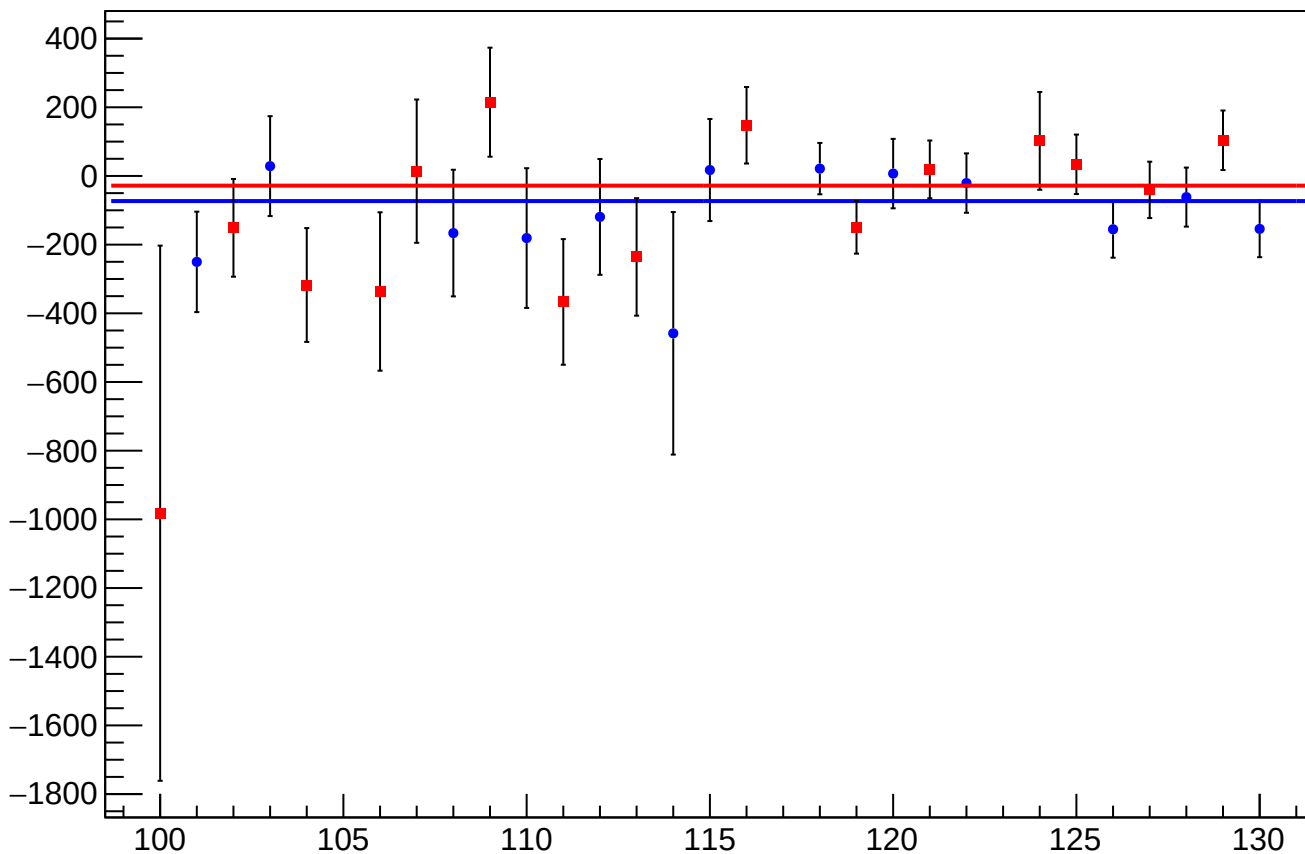
Right: 264.971+/-0.064 χ^2/NDF : 5766844.1/27

In: 259.930+/-0.089 χ^2/NDF :2579357.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 264.971+/-0.064 χ^2/NDF : 5766844.1/27

eigen_dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -73.142 $\pm$ 30.499 χ^2/NDF : 8.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -28.211 $\pm$ 30.295 χ^2/NDF : 23.4/14

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

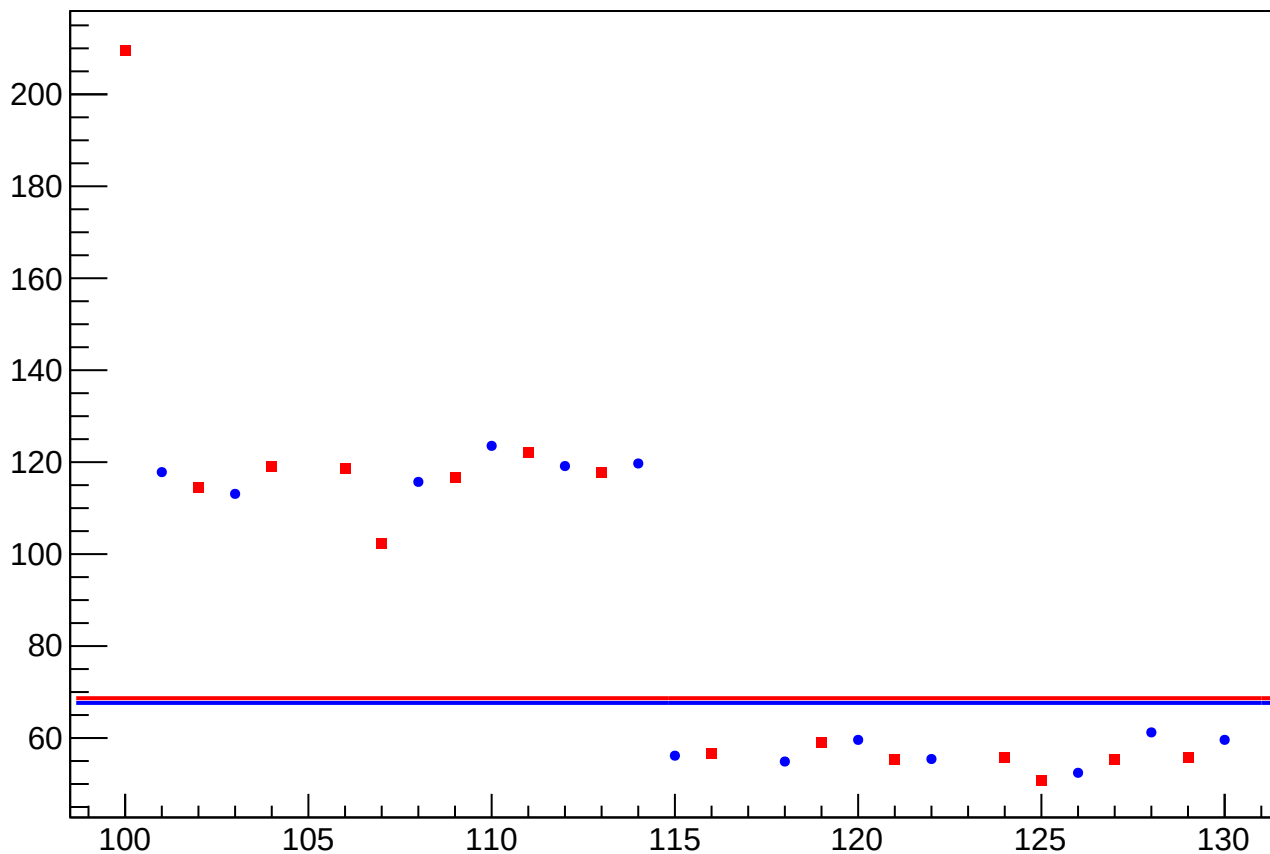
Right: -50.526 $\pm$ 21.493 χ^2/NDF : 33.2/27

In: -73.142 $\pm$ 30.499 χ^2/NDF : 8.7/12

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -50.526 $\pm$ 21.493 χ^2/NDF : 33.2/27

eigen_dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 67.639+/-0.022 χ^2/NDF : 1168291.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.663+/-0.021 χ^2/NDF : 1427080.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

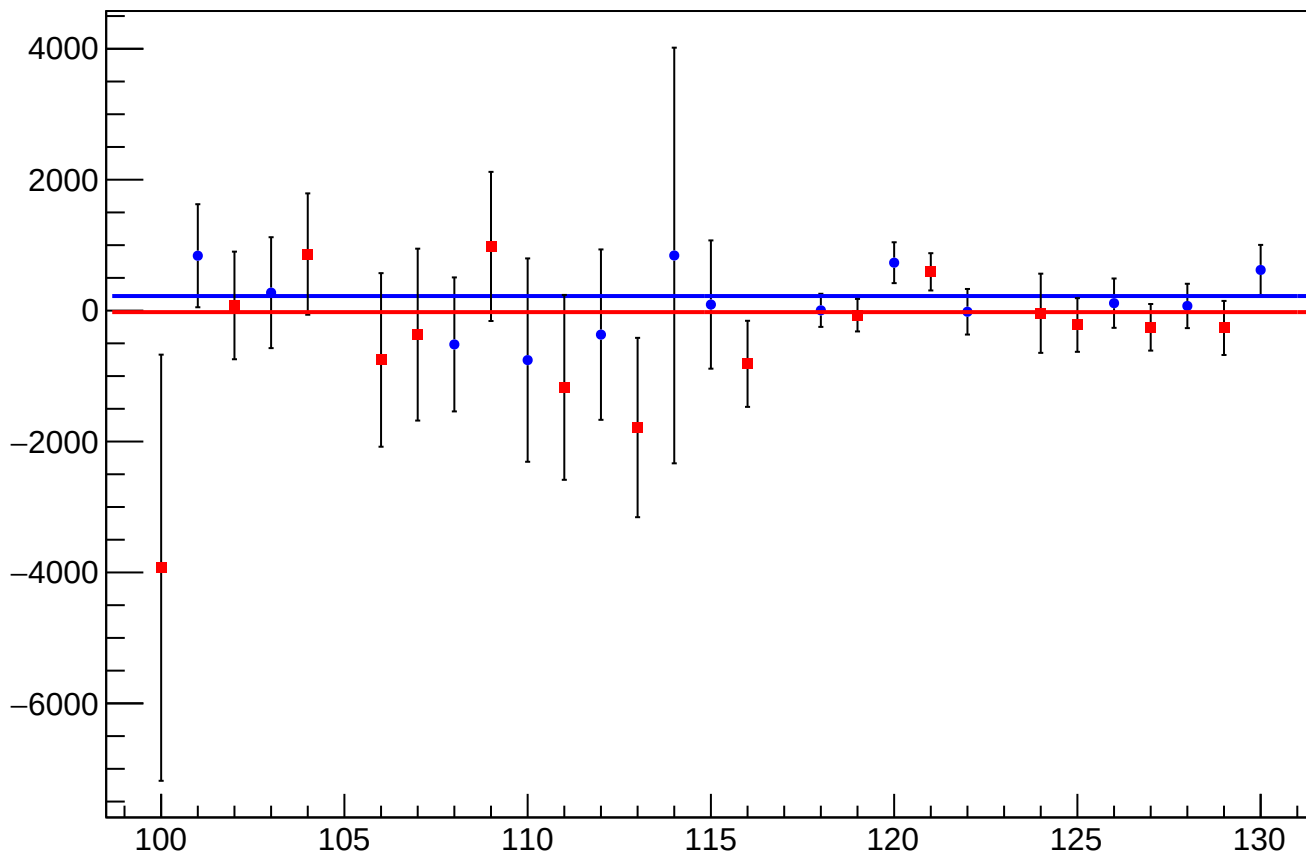
Right: 68.155+/-0.015 χ^2/NDF : 2596507.3/27

In: 67.639+/-0.022 χ^2/NDF : 1168291.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.155+/-0.015 χ^2/NDF : 2596507.3/27

asym_sam_37_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 222.642 $\pm$ 126.167 χ^2 /NDF: 7.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -22.865 $\pm$ 130.195 χ^2 /NDF: 13.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

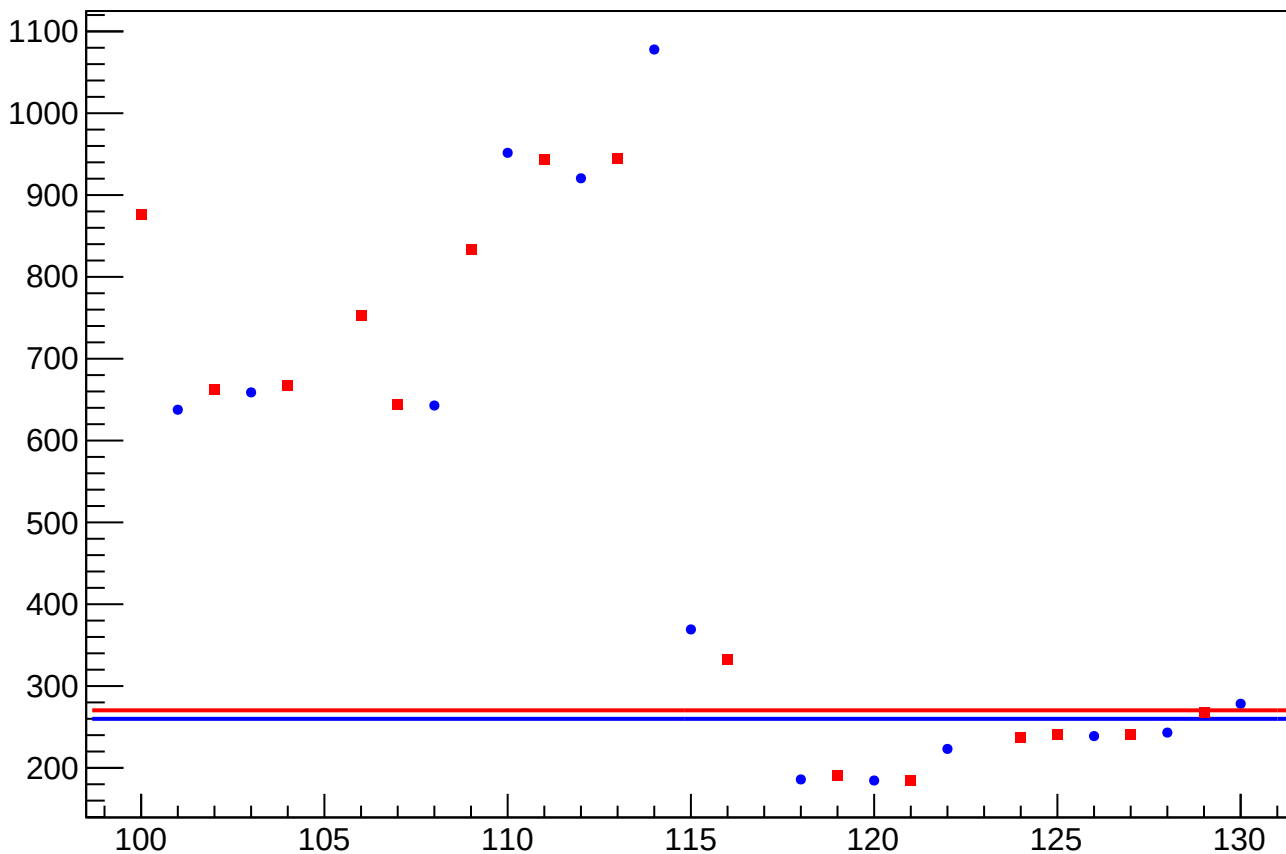
Right: 103.744 $\pm$ 90.604 χ^2 /NDF: 21.9/27

In: 222.642 $\pm$ 126.167 χ^2 /NDF:7.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 103.744 $\pm$ 90.604 χ^2 /NDF: 21.9/27

asym_sam_37_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 259.929+/-0.089 χ^2/NDF : 2579352.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 270.339+/-0.092 χ^2/NDF : 3180879.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

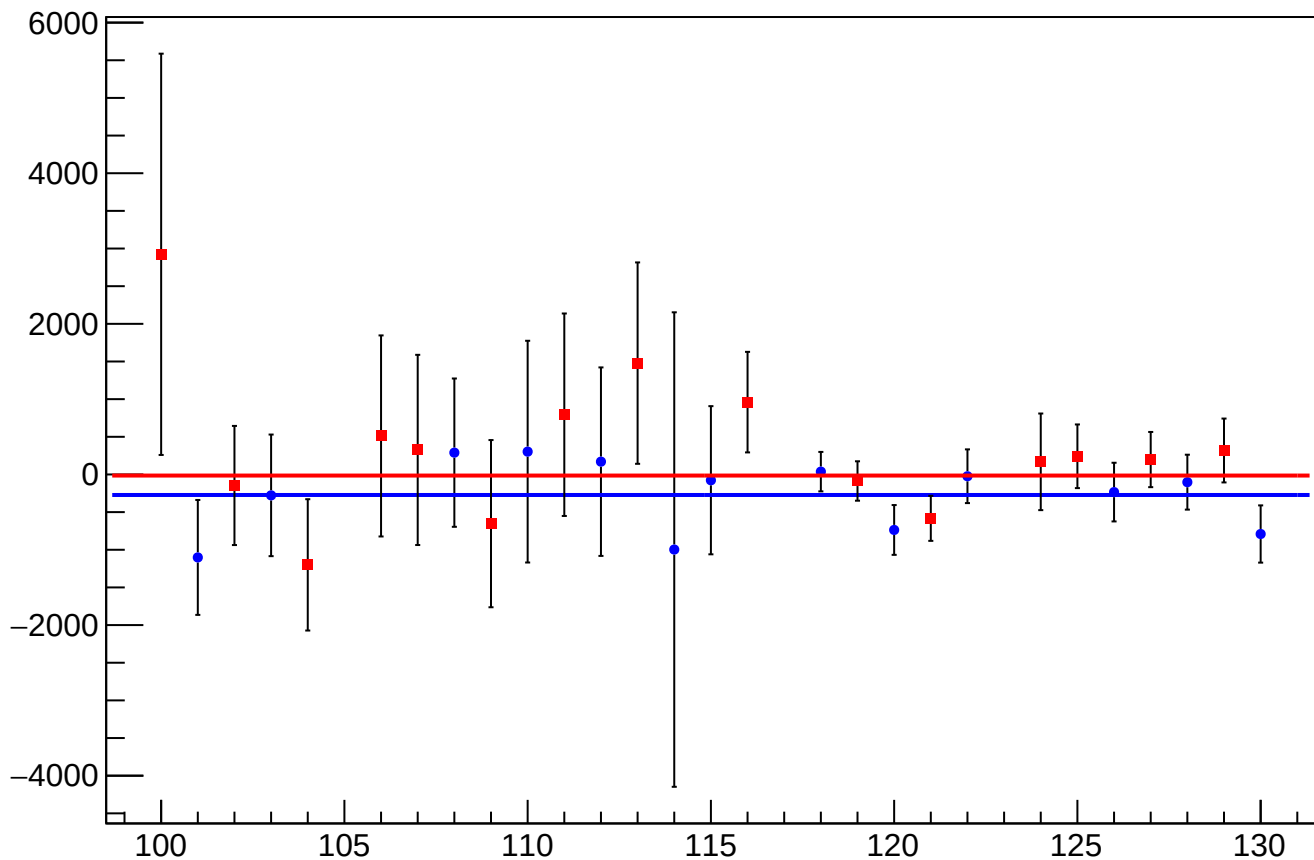
Right: 264.971+/-0.064 χ^2/NDF : 5766825.7/27

In: 259.929+/-0.089 χ^2/NDF :2579352.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 264.971+/-0.064 χ^2/NDF : 5766825.7/27

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -272.525+/-130.030 χ^2/NDF : 7.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.513+/-134.558 χ^2/NDF : 12.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

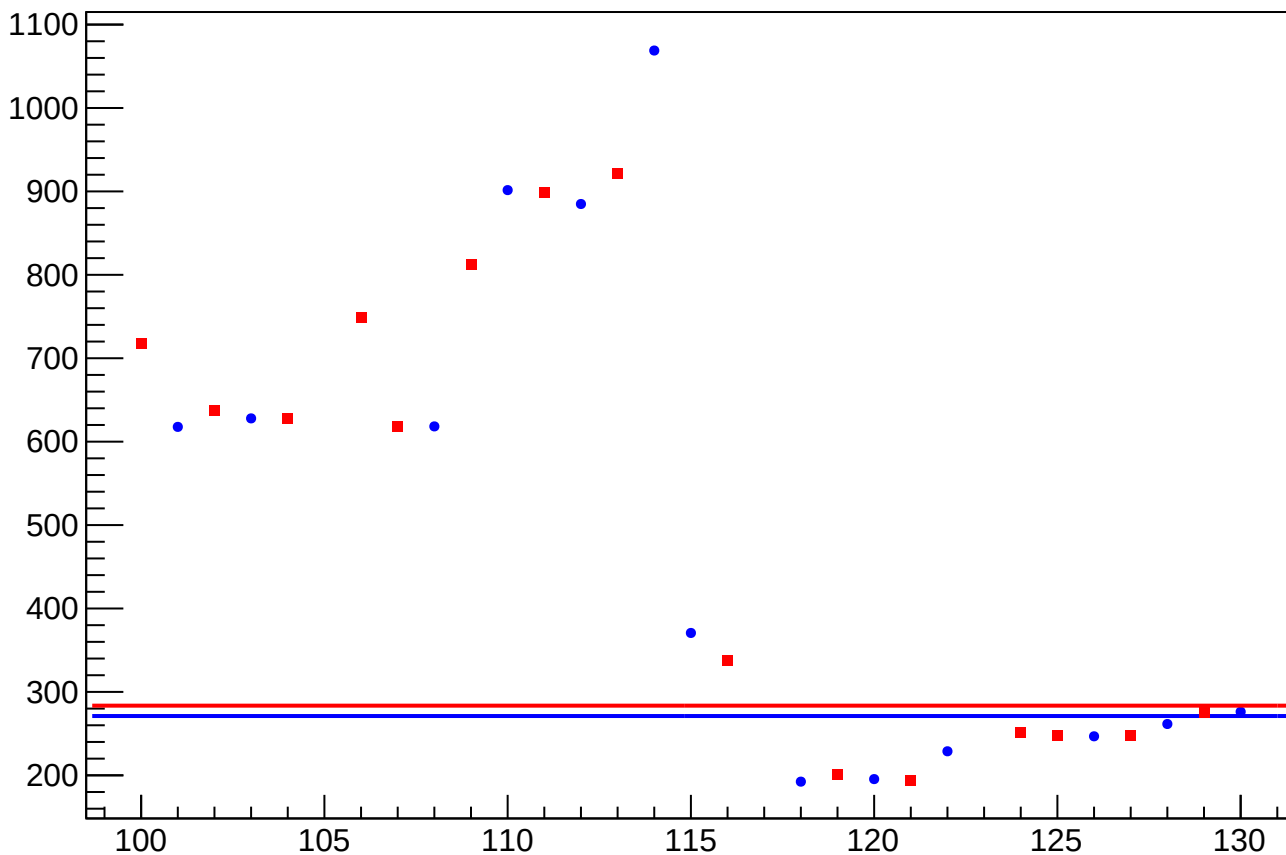
Right: -147.934+/-93.505 χ^2/NDF : 22.2/27

In: -272.525+/-130.030 χ^2/NDF : 7.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -147.934+/-93.505 χ^2/NDF : 22.2/27

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 271.085+/-0.092 χ^2/NDF : 2371426.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 283.521+/-0.095 χ^2/NDF : 2907076.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

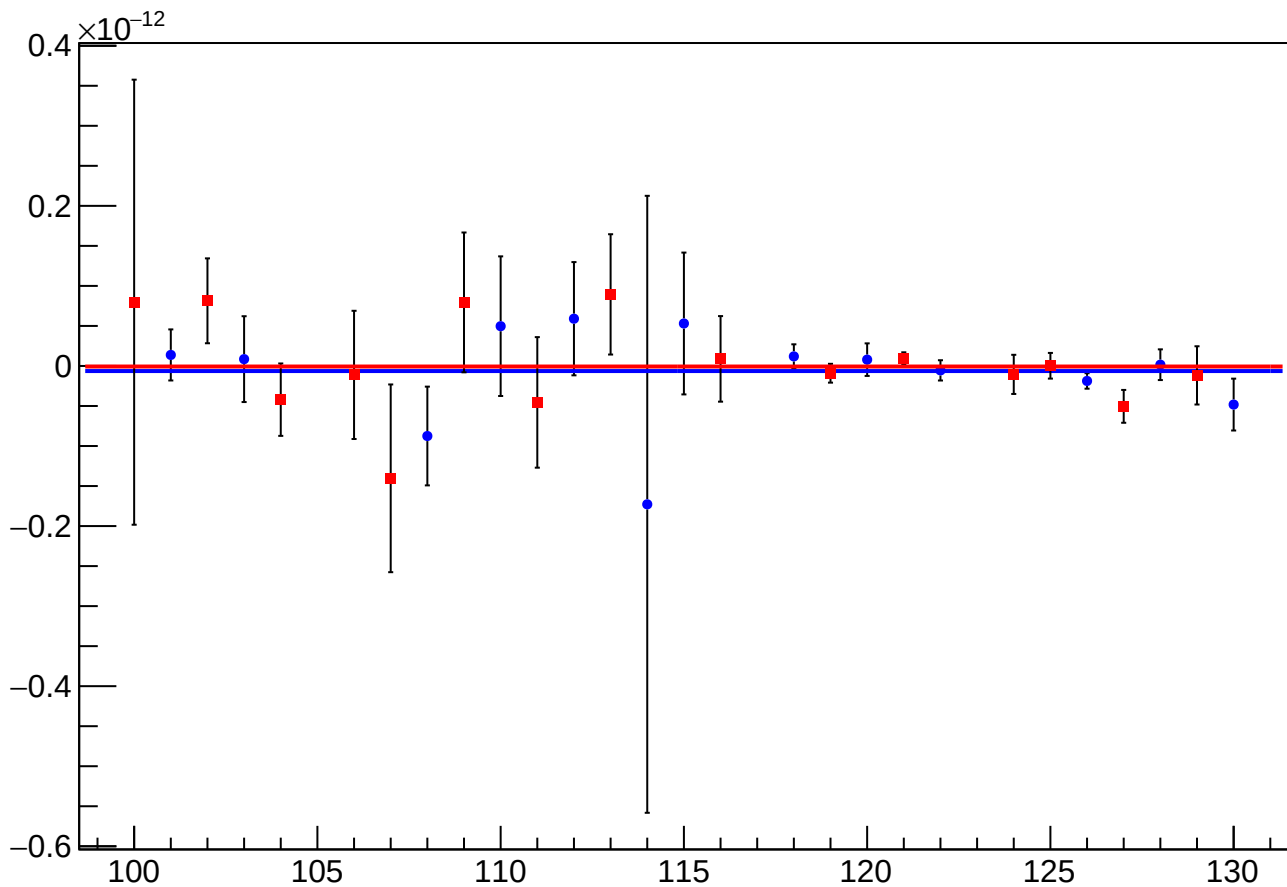
Right: 277.091+/-0.066 χ^2/NDF : 5287337.8/27

In: 271.085+/-0.092 χ^2/NDF : 2371426.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 277.091+/-0.066 χ^2/NDF : 5287337.8/27

asym_sam_37_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

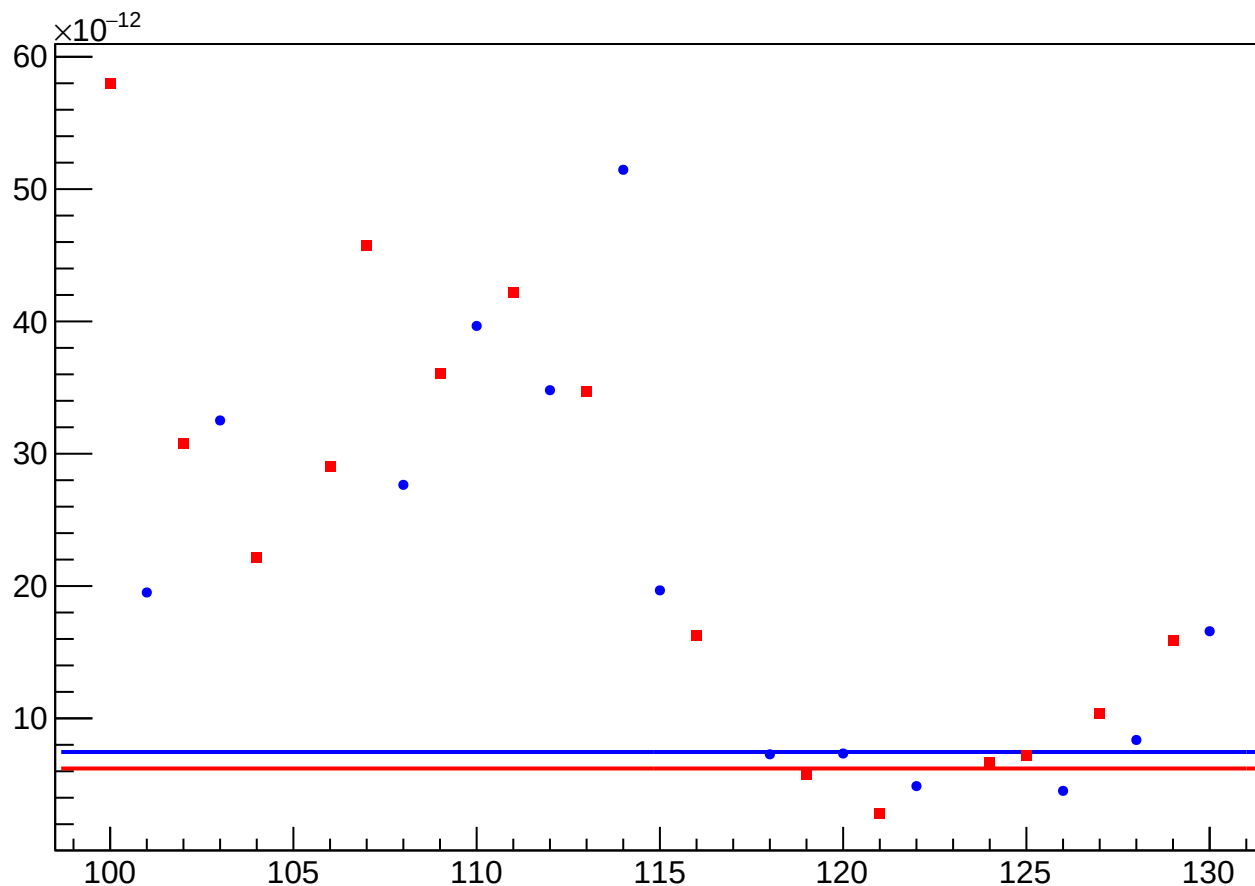
Right: -0.000+/-0.000 χ^2/NDF : 25.9/27

In: -0.000+/-0.000 χ^2/NDF :9.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.9/27

asym_sam_37_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2004089.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2762322.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

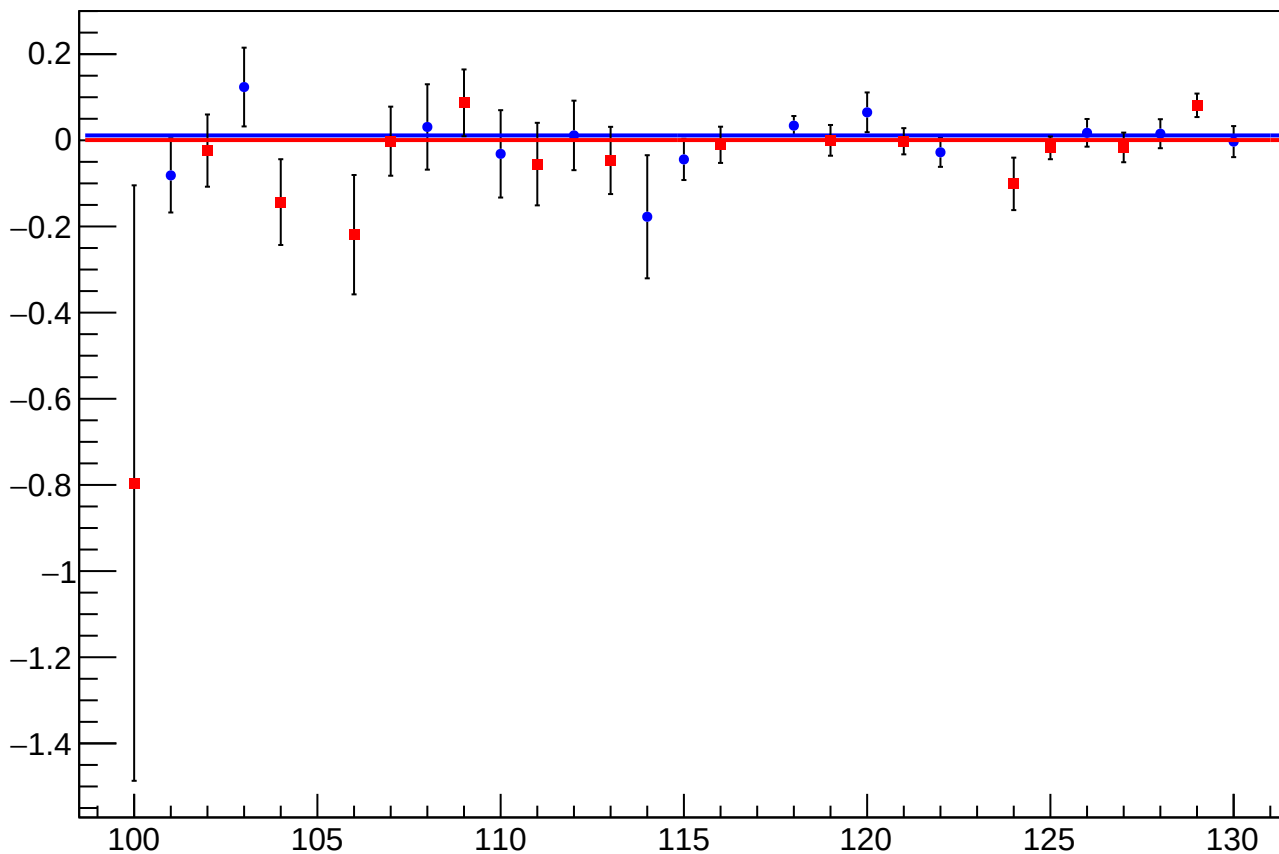
Right: 0.000+/-0.000 χ^2/NDF : 4816405.9/27

In: 0.000+/-0.000 χ^2/NDF : 2004089.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4816405.9/27

asym_sam_37_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.012 χ^2/NDF : 9.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.012 χ^2/NDF : 20.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

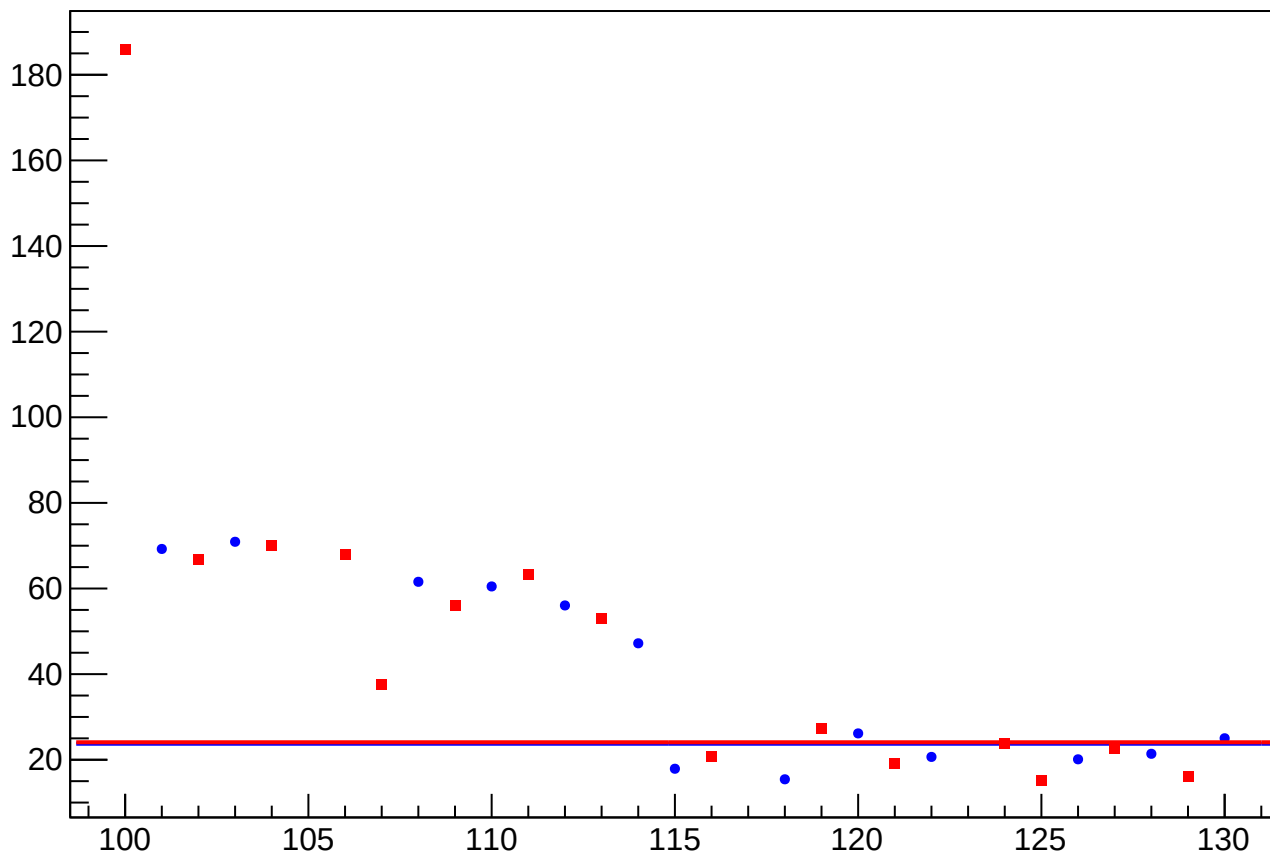
Right: 0.006+/-0.008 χ^2/NDF : 30.6/27

In: 0.011+/-0.012 χ^2/NDF : 9.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.008 χ^2/NDF : 30.6/27

asym_sam_37_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.740+/-0.008 χ^2/NDF : 2384935.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.087+/-0.008 χ^2/NDF : 2747929.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

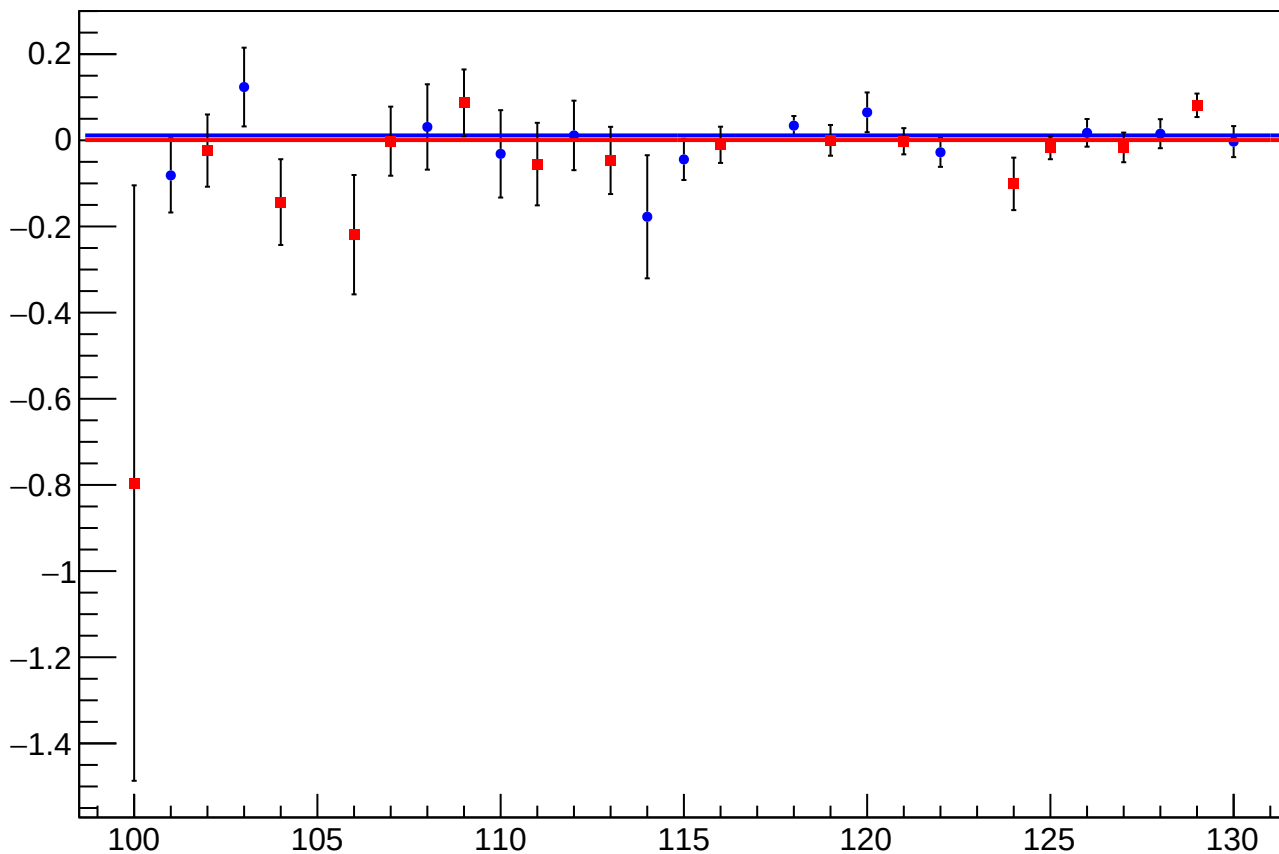
Right: 23.916+/-0.006 χ^2/NDF : 5133725.3/27

In: 23.740+/-0.008 χ^2/NDF : 2384935.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.916+/-0.006 χ^2/NDF : 5133725.3/27

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011 $\pm$ 0.012 χ^2 /NDF: 9.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.012 χ^2 /NDF: 20.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

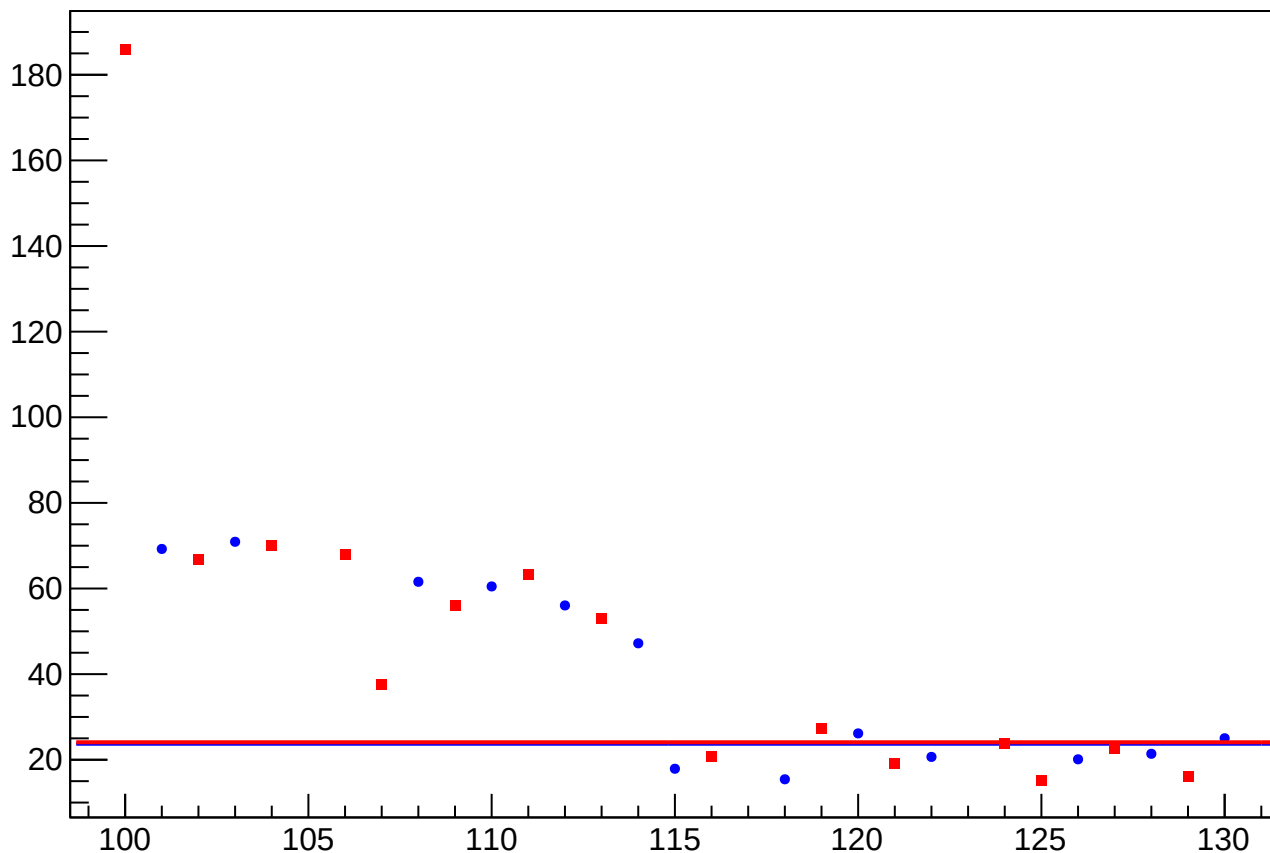
Right: 0.006 $\pm$ 0.008 χ^2 /NDF: 30.6/27

In: 0.011 $\pm$ 0.012 χ^2 /NDF:9.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.006 $\pm$ 0.008 χ^2 /NDF: 30.6/27

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.740+/-0.008 χ^2/NDF : 2384935.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.087+/-0.008 χ^2/NDF : 2747929.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

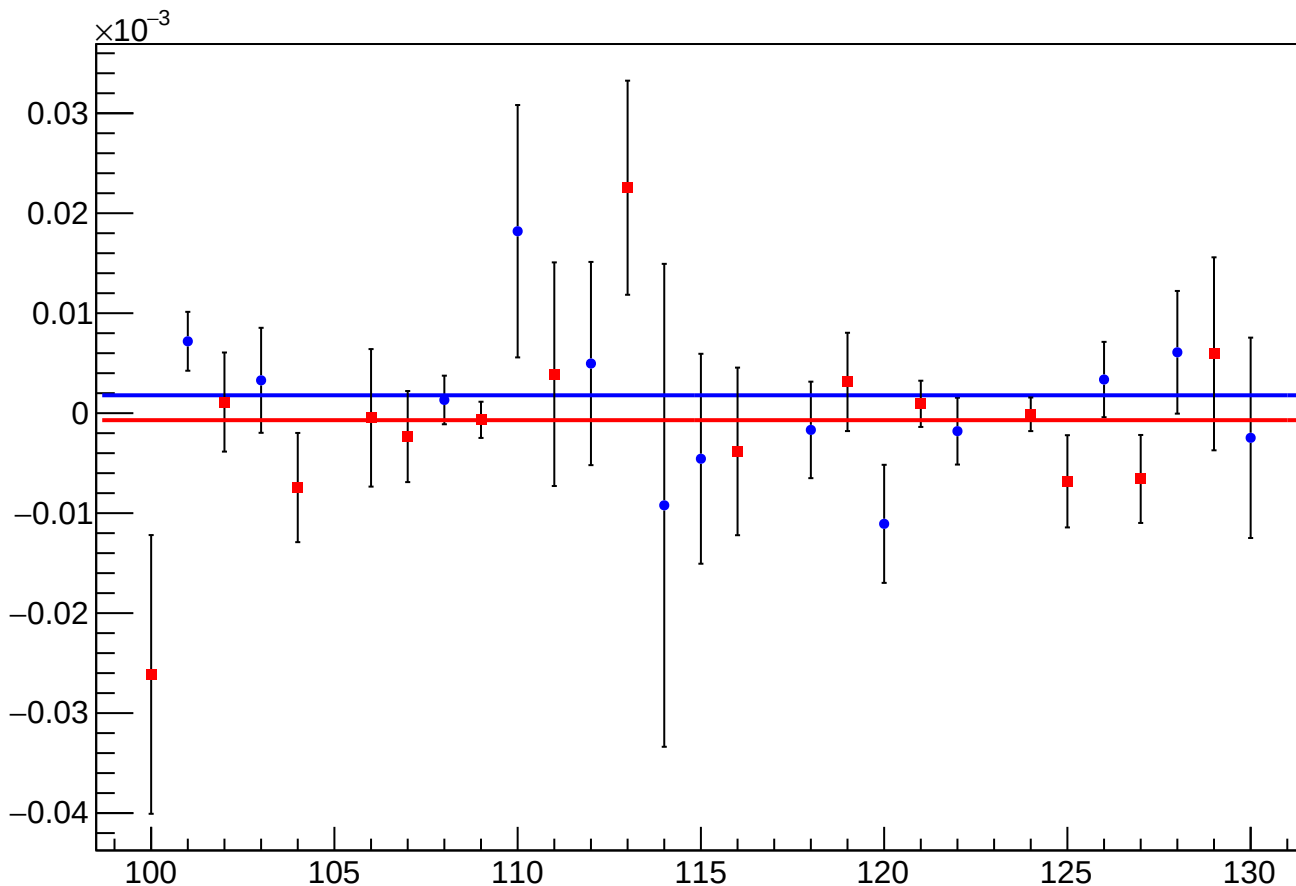
Right: 23.916+/-0.006 χ^2/NDF : 5133725.3/27

In: 23.740+/-0.008 χ^2/NDF : 2384935.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.916+/-0.006 χ^2/NDF : 5133725.3/27

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

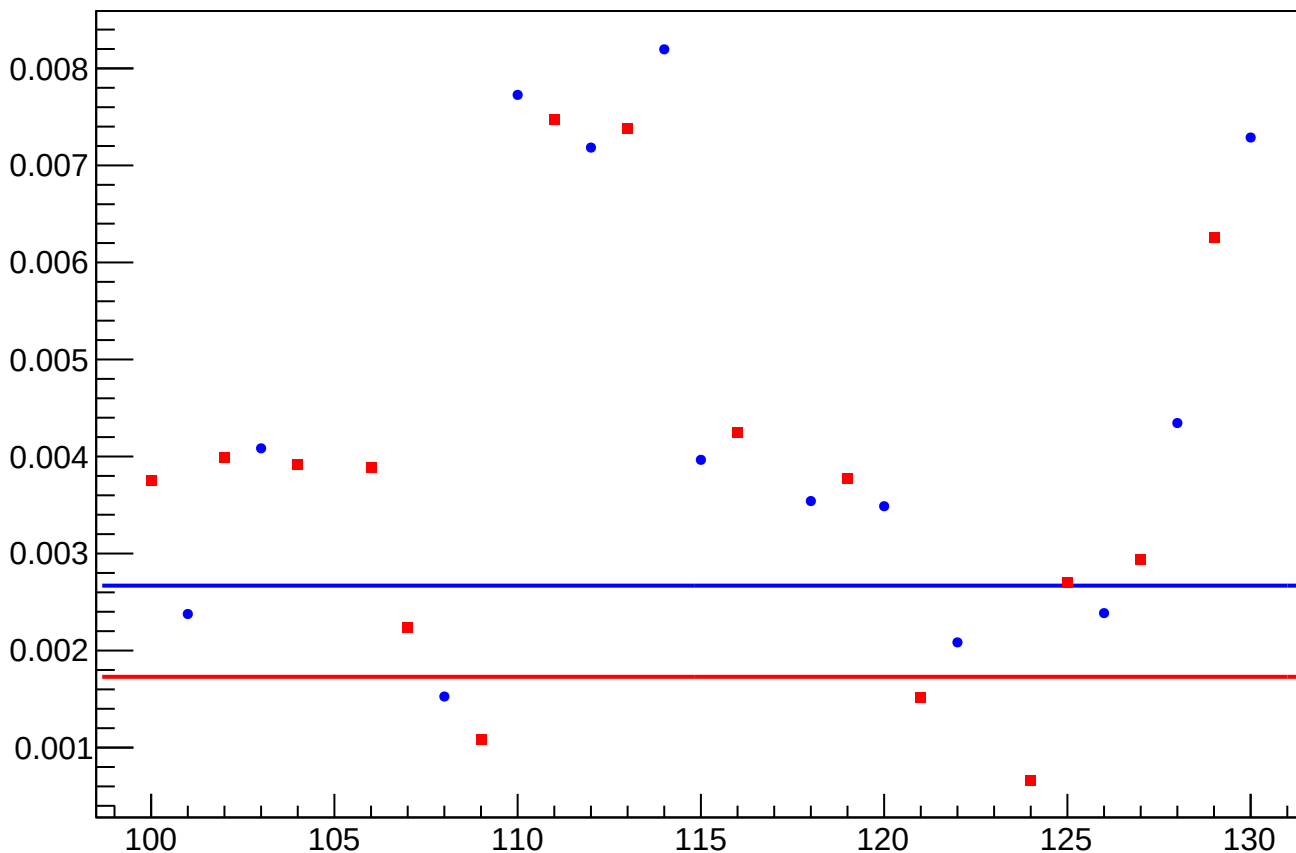
Right: 0.000+/-0.000 χ^2/NDF : 31.0/27

In: 0.000+/-0.000 χ^2/NDF : 13.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 31.0/27

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000

χ^2/NDF : 2208241.1/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000

χ^2/NDF : 4379027.6/14

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.002+/-0.000

χ^2/NDF : 7301141.5/27

In: 0.003+/-0.000

χ^2/NDF : 2208241.1/12

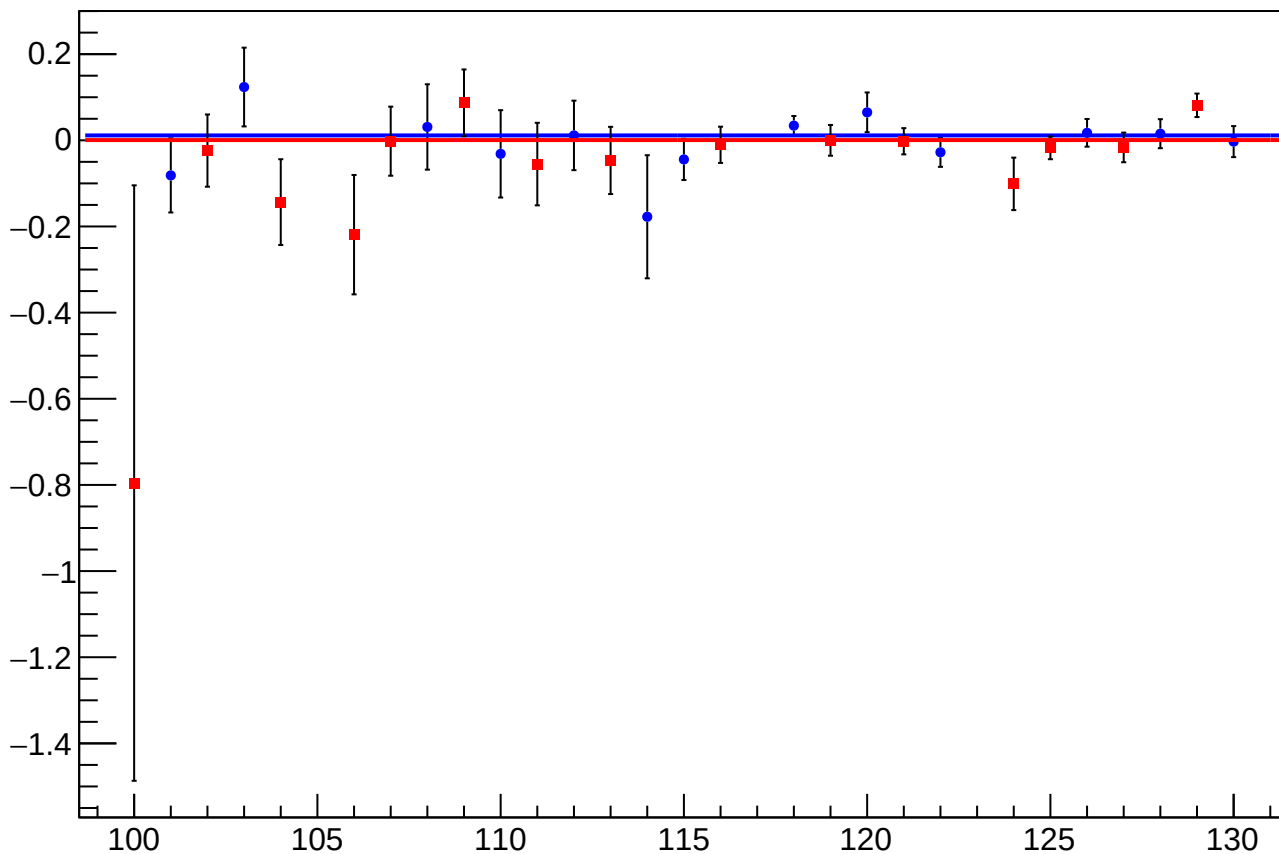
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.002+/-0.000

χ^2/NDF : 7301141.5/27

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.012 χ^2/NDF : 9.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.012 χ^2/NDF : 20.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

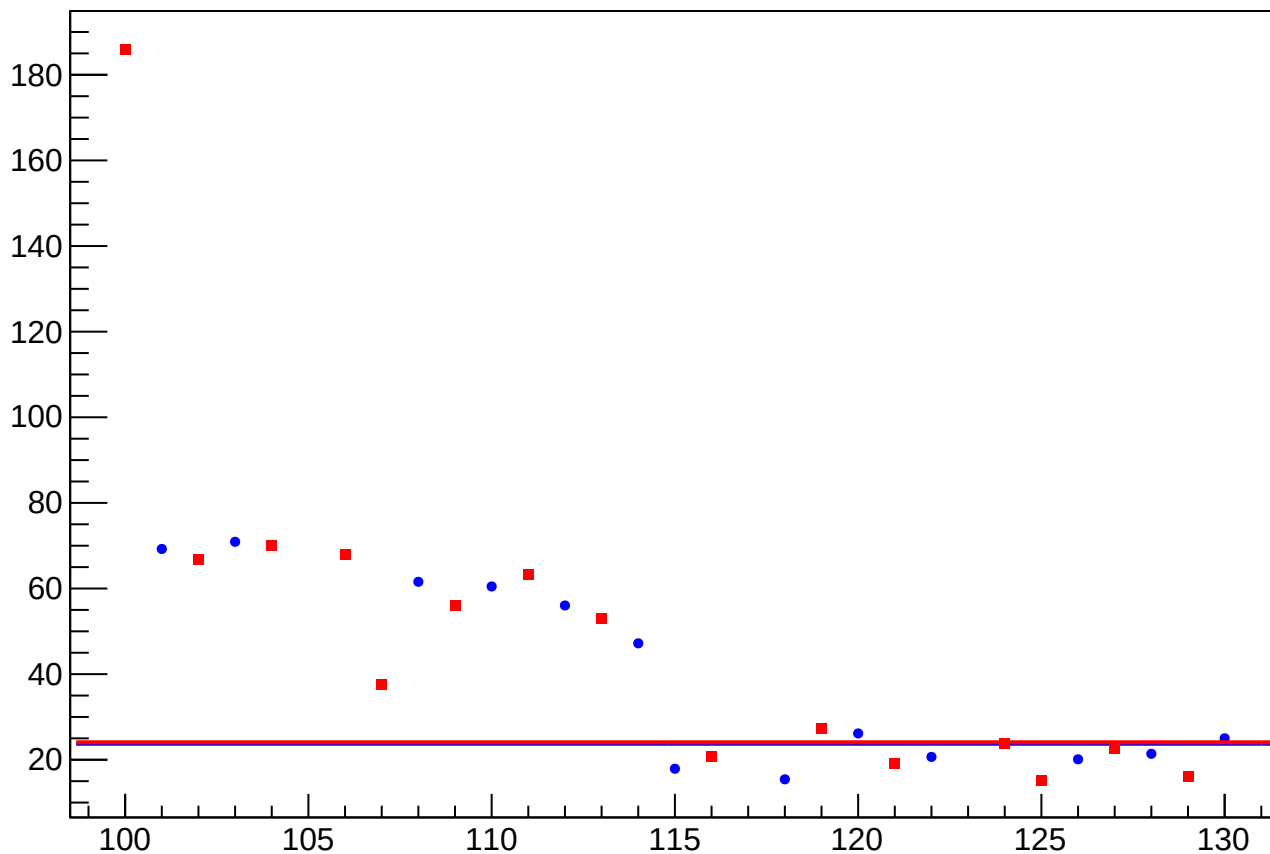
Right: 0.006+/-0.008 χ^2/NDF : 30.6/27

In: 0.011+/-0.012 χ^2/NDF : 9.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.008 χ^2/NDF : 30.6/27

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.739+/-0.008 χ^2/NDF : 2384933.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.087+/-0.008 χ^2/NDF : 2747826.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

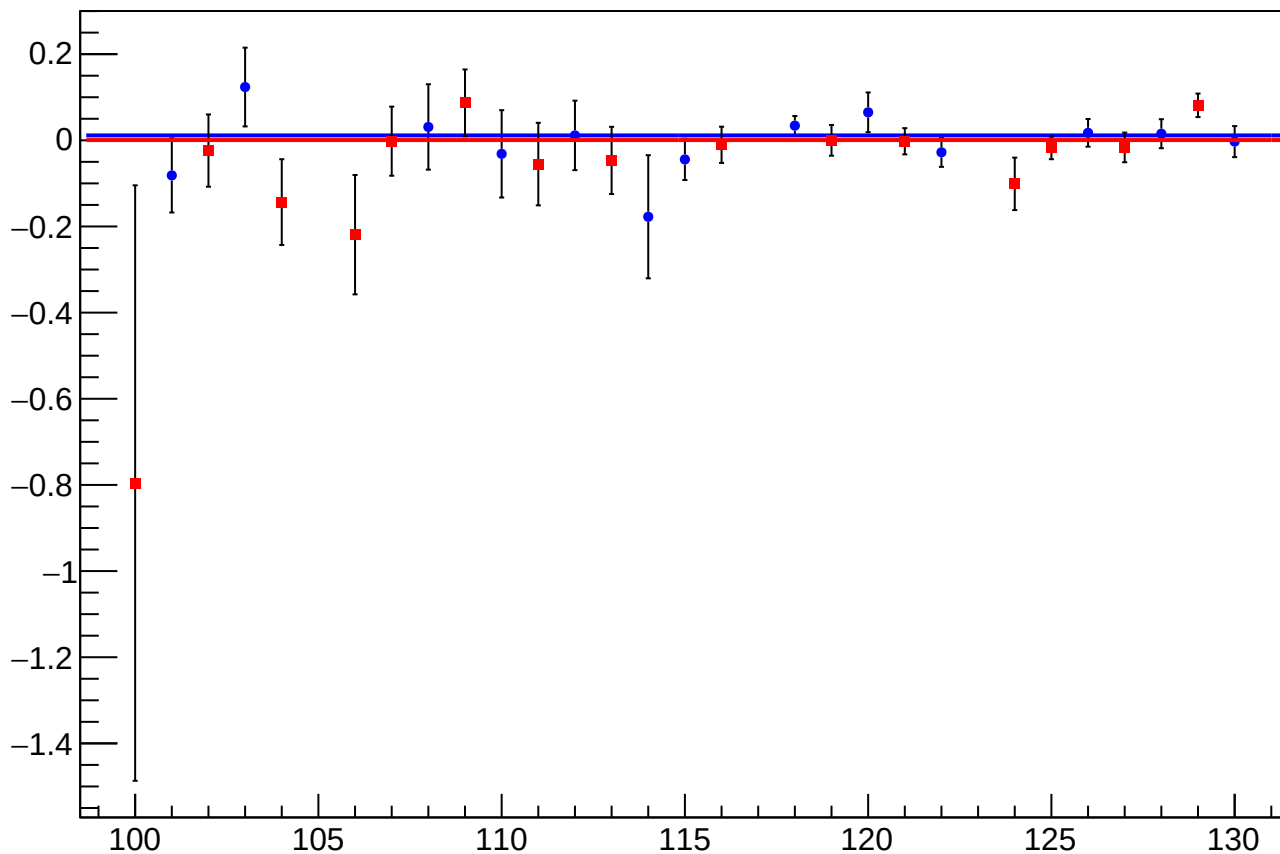
Right: 23.915+/-0.006 χ^2/NDF : 5133627.0/27

In: 23.739+/-0.008 χ^2/NDF : 2384933.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.915+/-0.006 χ^2/NDF : 5133627.0/27

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.012 χ^2/NDF : 9.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.012 χ^2/NDF : 20.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

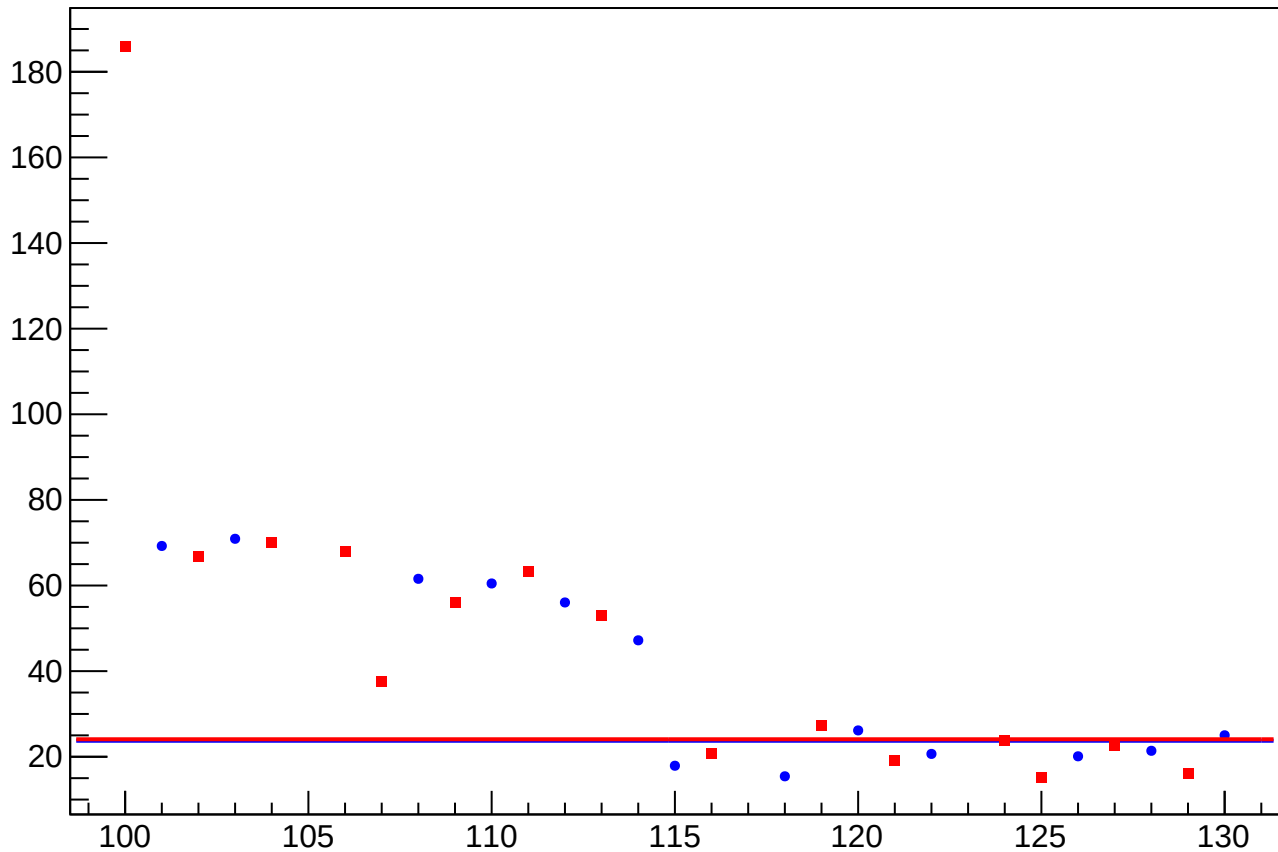
Right: 0.006+/-0.008 χ^2/NDF : 30.6/27

In: 0.011+/-0.012 χ^2/NDF : 9.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.008 χ^2/NDF : 30.6/27

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.739+/-0.008 χ^2/NDF : 2384933.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.087+/-0.008 χ^2/NDF : 2747826.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

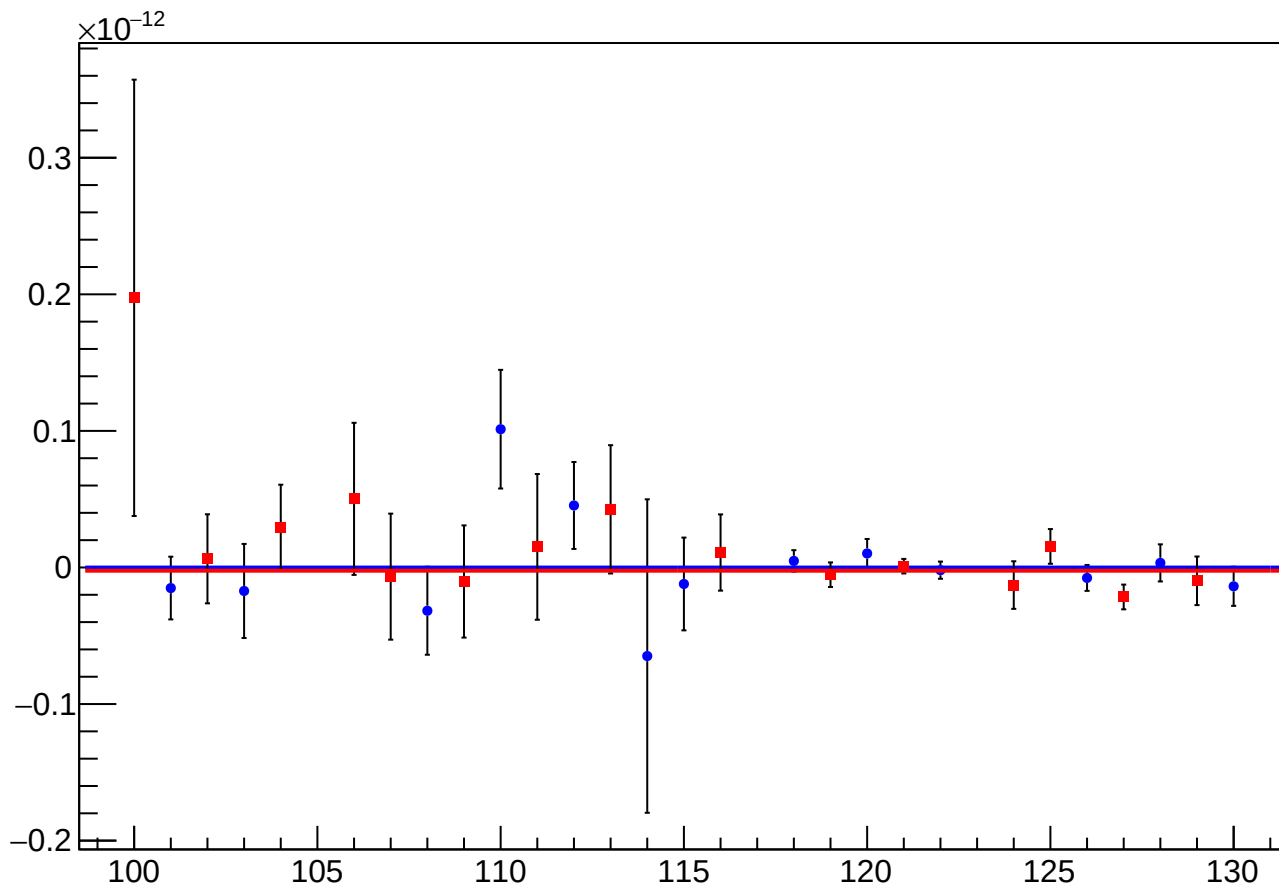
Right: 23.915+/-0.006 χ^2/NDF : 5133627.0/27

In: 23.739+/-0.008 χ^2/NDF : 2384933.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.915+/-0.006 χ^2/NDF : 5133627.0/27

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 12.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 12.4/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

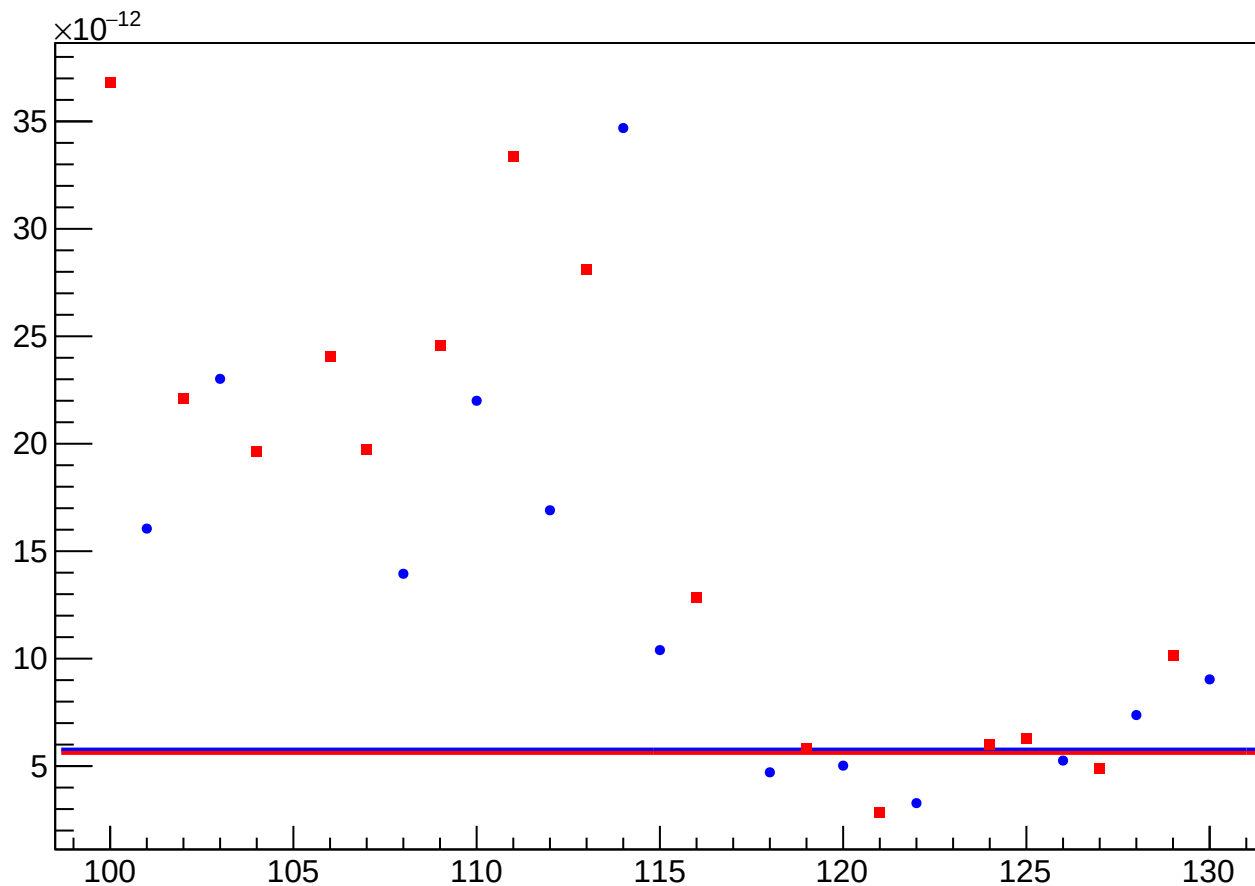
Right: -0.000+/-0.000 χ^2 /NDF: 25.2/27

In: -0.000+/-0.000 χ^2 /NDF:12.6/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 25.2/27

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2218072.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3657747.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

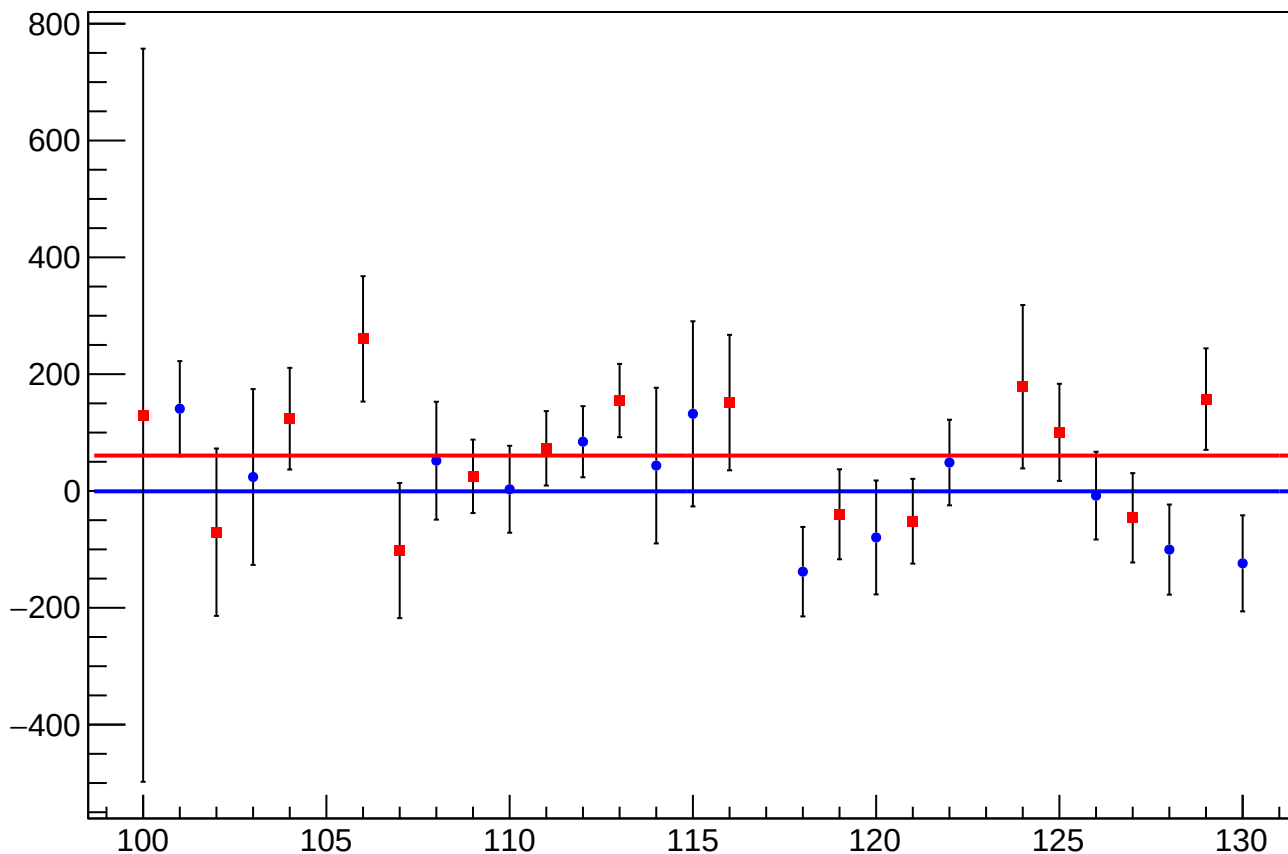
Right: 0.000+/-0.000 χ^2/NDF : 5877657.1/27

In: 0.000+/-0.000 χ^2/NDF : 2218072.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5877657.1/27

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -0.599 ± 23.609 $\chi^2/\text{NDF}: 14.3/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 60.657 ± 22.194 $\chi^2/\text{NDF}: 18.3/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

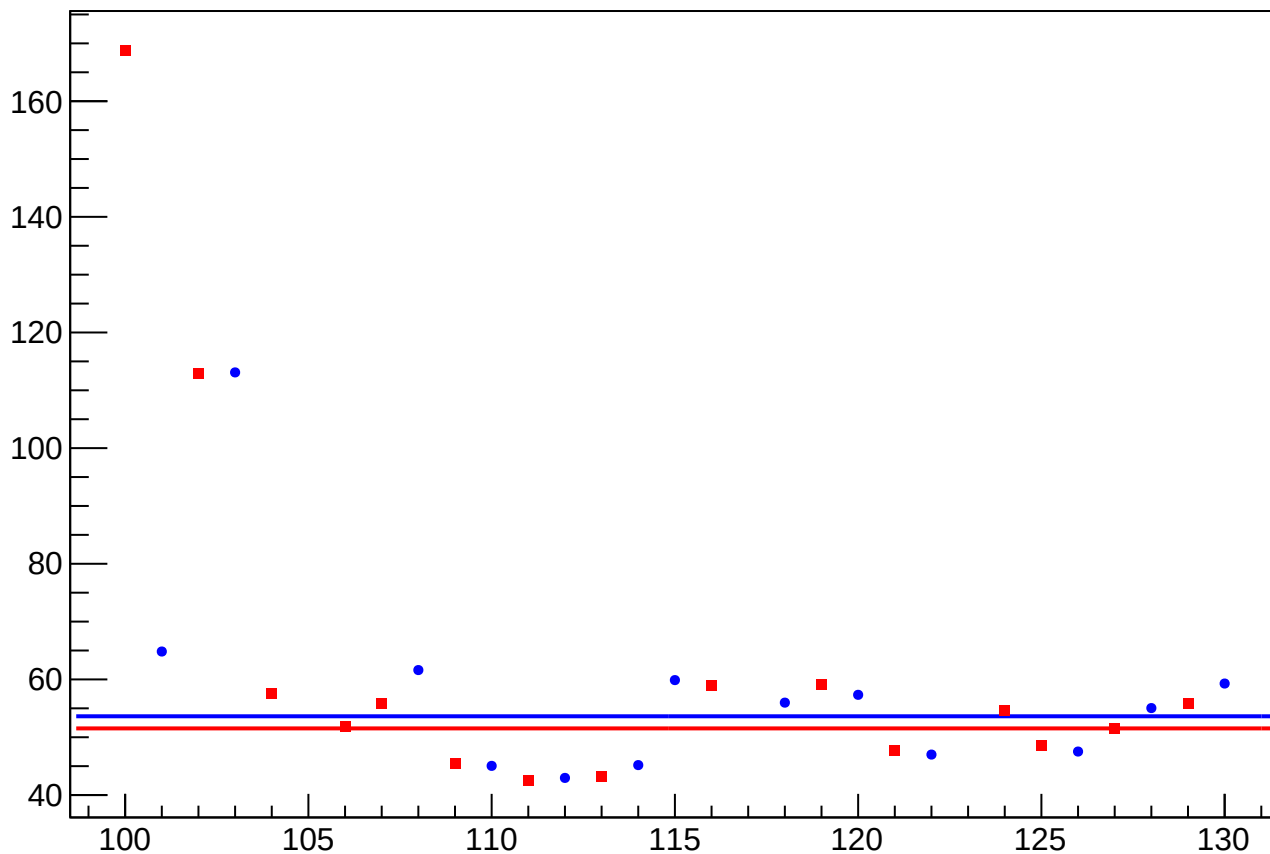
Right: 31.920 ± 16.170 $\chi^2/\text{NDF}: 36.2/27$

In: -0.599 ± 23.609 $\chi^2/\text{NDF}: 14.3/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 31.920 ± 16.170 $\chi^2/\text{NDF}: 36.2/27$

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 53.625+/-0.017 χ^2/NDF : 505878.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.528+/-0.016 χ^2/NDF : 585462.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

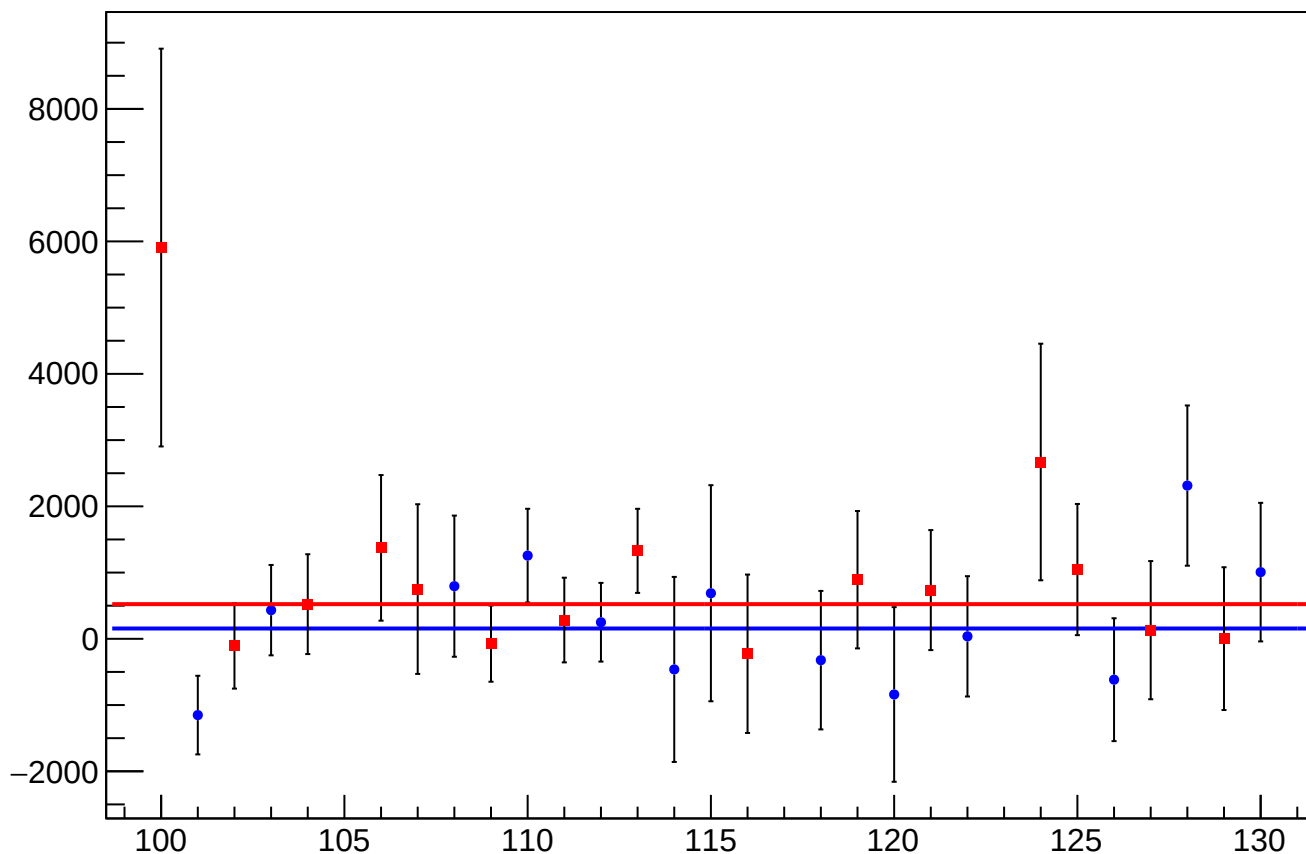
Right: 52.512+/-0.011 χ^2/NDF : 1099714.3/27

In: 53.625+/-0.017 χ^2/NDF : 505878.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.512+/-0.011 χ^2/NDF : 1099714.3/27

asym_sam_1357_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 155.670 $\pm$ 242.179 χ^2 /NDF: 13.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 523.327 $\pm$ 225.710 χ^2 /NDF: 10.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

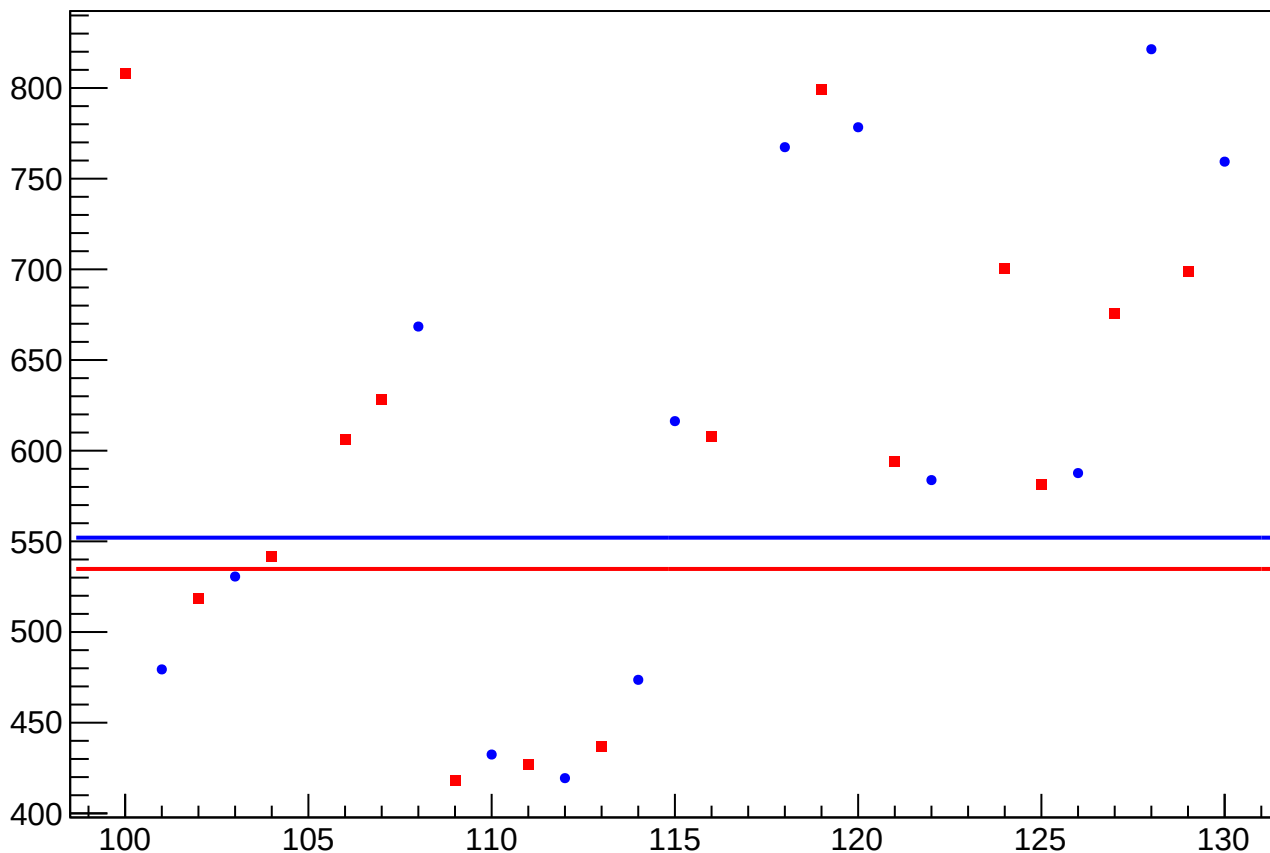
Right: 352.423 $\pm$ 165.117 χ^2 /NDF: 25.0/27

In: 155.670 $\pm$ 242.179 χ^2 /NDF:13.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 352.423 $\pm$ 165.117 χ^2 /NDF: 25.0/27

asym_sam_1357_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 552.036+/-0.171 χ^2/NDF : 548903.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 534.782+/-0.160 χ^2/NDF : 474020.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

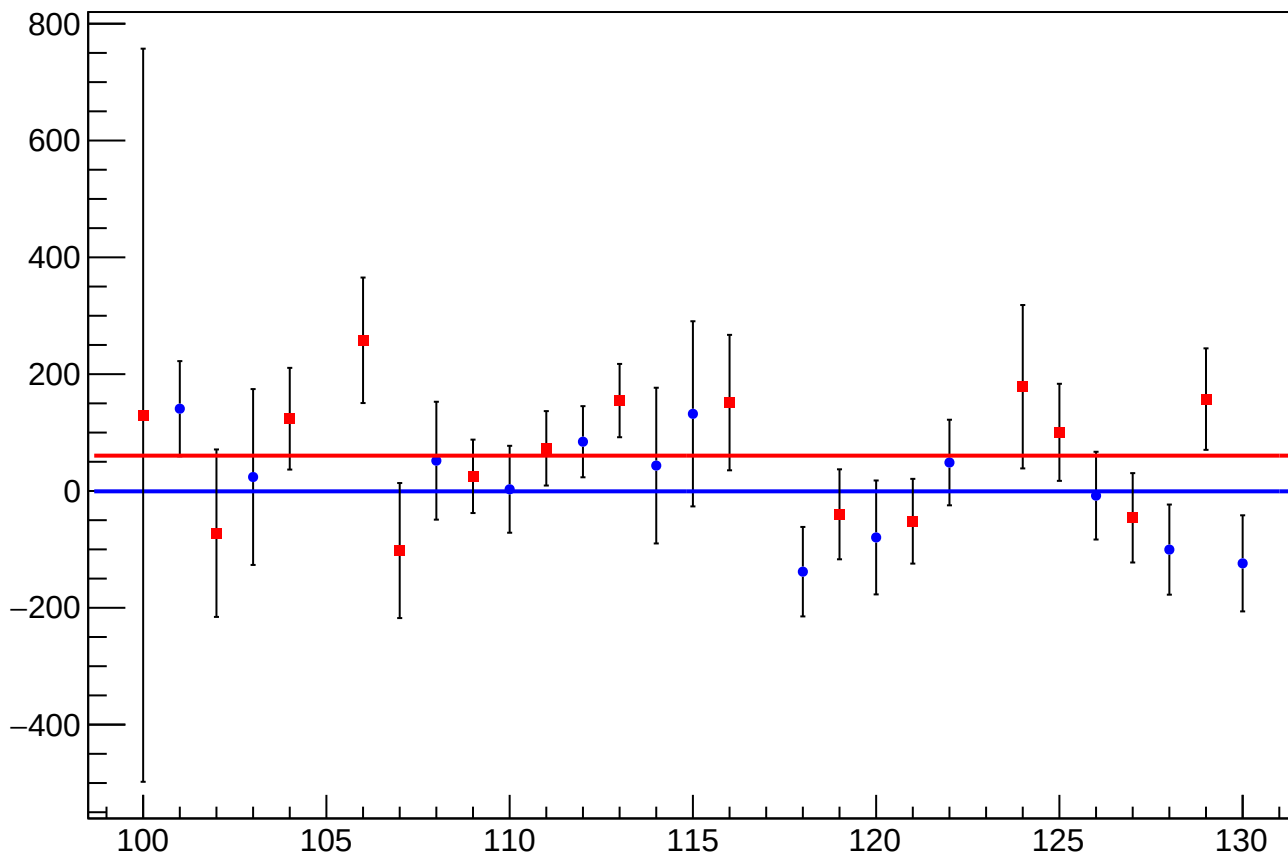
Right: 542.803+/-0.117 χ^2/NDF : 1028356.0/27

In: 552.036+/-0.171 χ^2/NDF :548903.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 542.803+/-0.117 χ^2/NDF : 1028356.0/27

cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -0.604 ± 23.609 $\chi^2/\text{NDF}: 14.3/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 60.506 ± 22.194 $\chi^2/\text{NDF}: 18.2/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

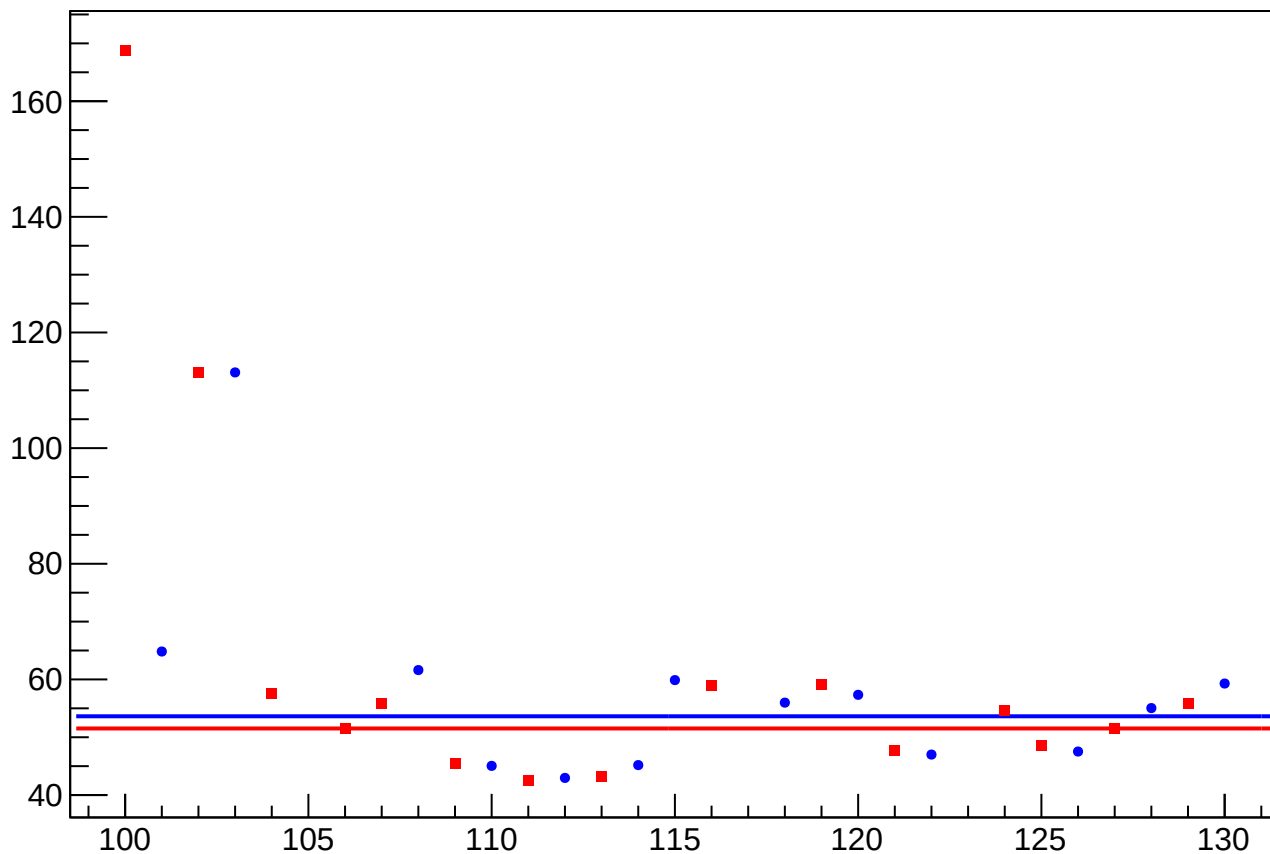
Right: 31.837 ± 16.171 $\chi^2/\text{NDF}: 36.1/27$

In: -0.604 ± 23.609 $\chi^2/\text{NDF}: 14.3/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 31.837 ± 16.171 $\chi^2/\text{NDF}: 36.1/27$

cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 53.625+/-0.017 χ^2/NDF : 505880.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.515+/-0.016 χ^2/NDF : 585680.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

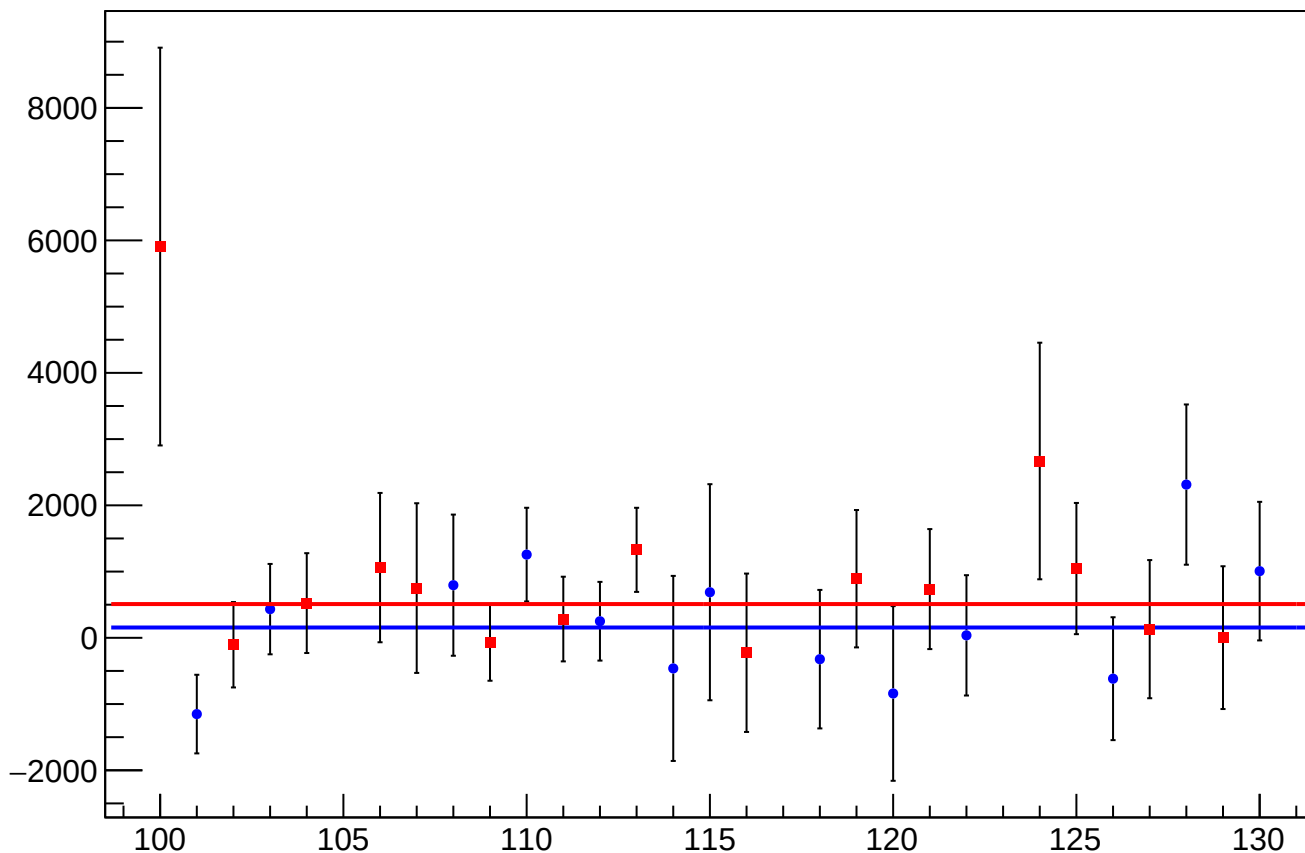
Right: 52.505+/-0.011 χ^2/NDF : 1100039.2/27

In: 53.625+/-0.017 χ^2/NDF : 505880.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.505+/-0.011 χ^2/NDF : 1100039.2/27

asym_sam_1357_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 155.708+/-242.182 χ^2/NDF : 13.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 509.556+/-225.972 χ^2/NDF : 9.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

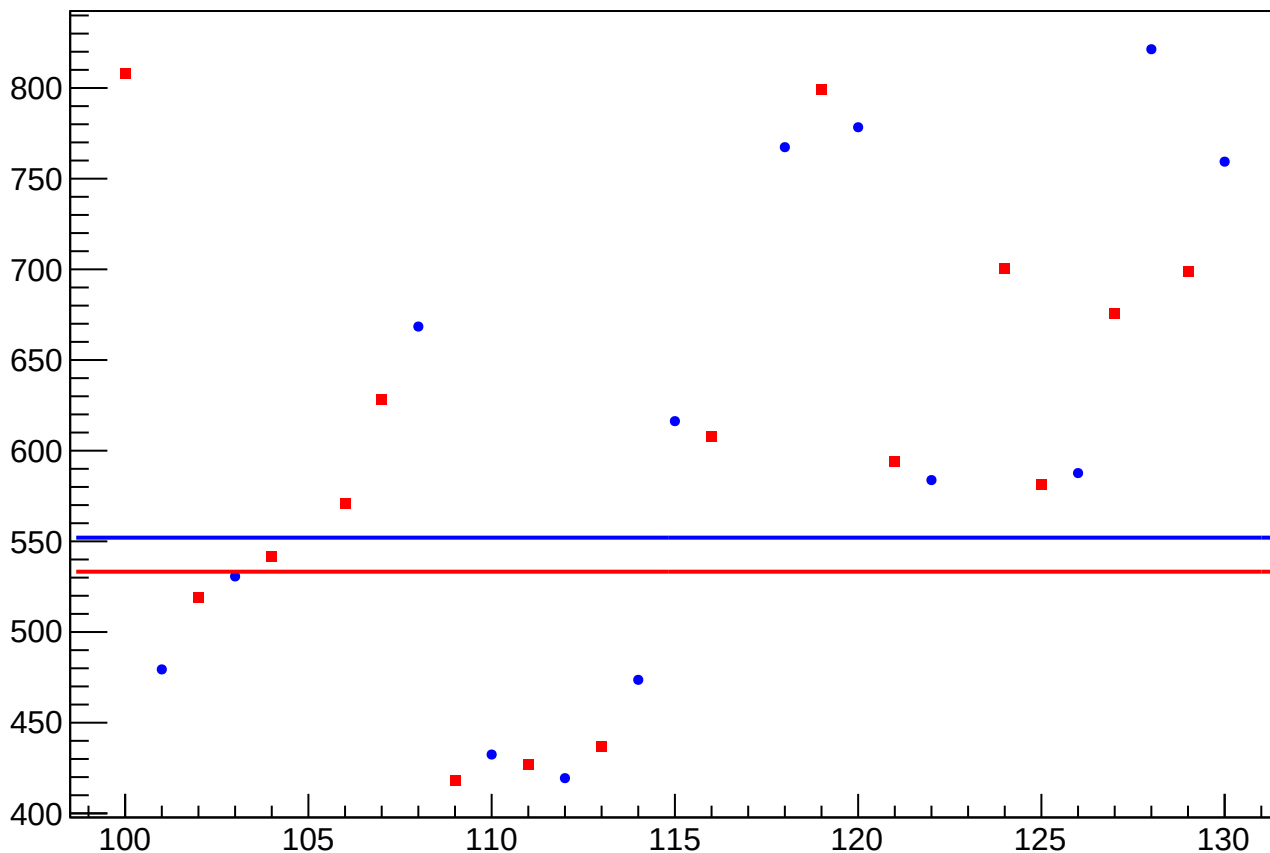
Right: 344.869+/-165.220 χ^2/NDF : 24.5/27

In: 155.708+/-242.182 χ^2/NDF : 13.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 344.869+/-165.220 χ^2/NDF : 24.5/27

asym_sam_1357_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 552.044+/-0.171 χ^2/NDF : 548892.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 533.272+/-0.160 χ^2/NDF : 467451.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

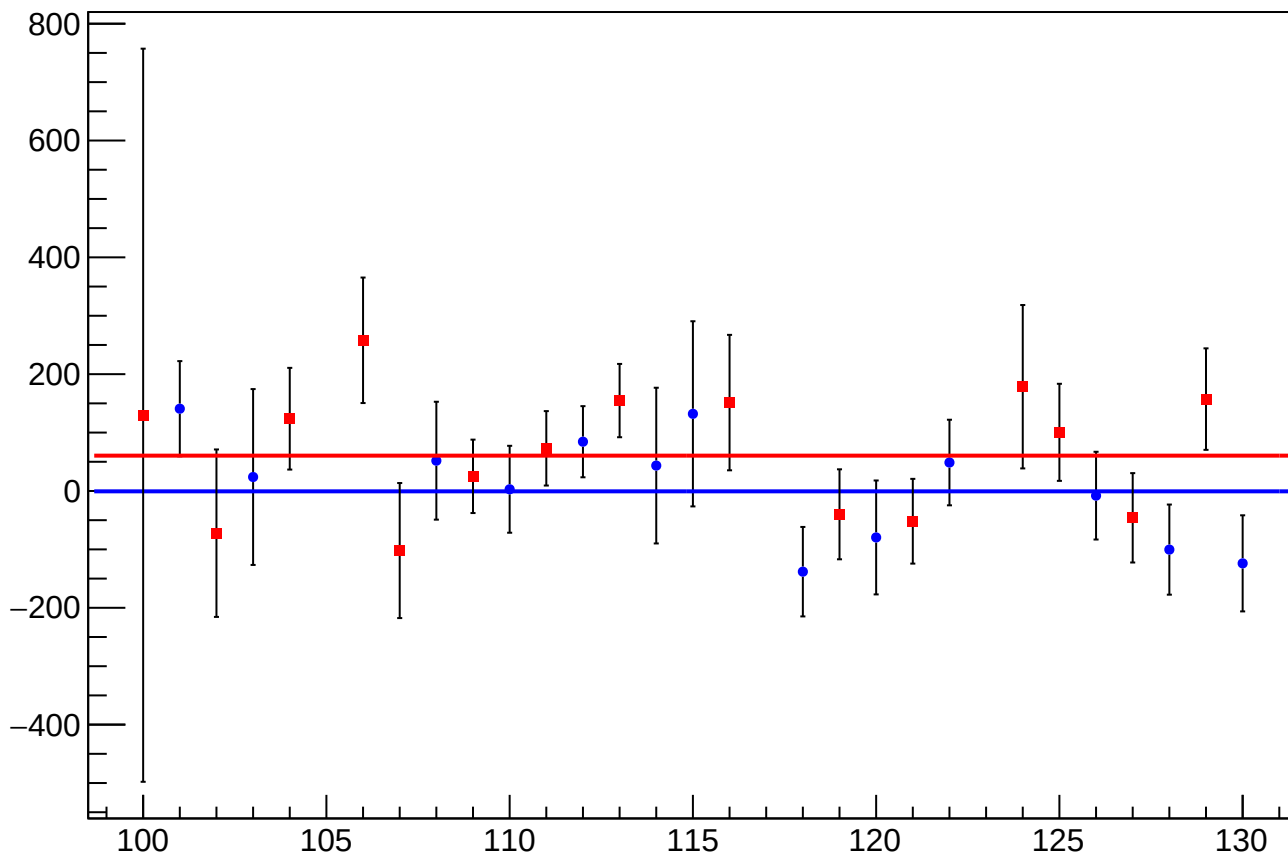
Right: 542.009+/-0.117 χ^2/NDF : 1022767.5/27

In: 552.044+/-0.171 χ^2/NDF :548892.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 542.009+/-0.117 χ^2/NDF : 1022767.5/27

eigen_cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -0.604 ± 23.609 $\chi^2/\text{NDF}: 14.3/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 60.506 ± 22.194 $\chi^2/\text{NDF}: 18.2/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

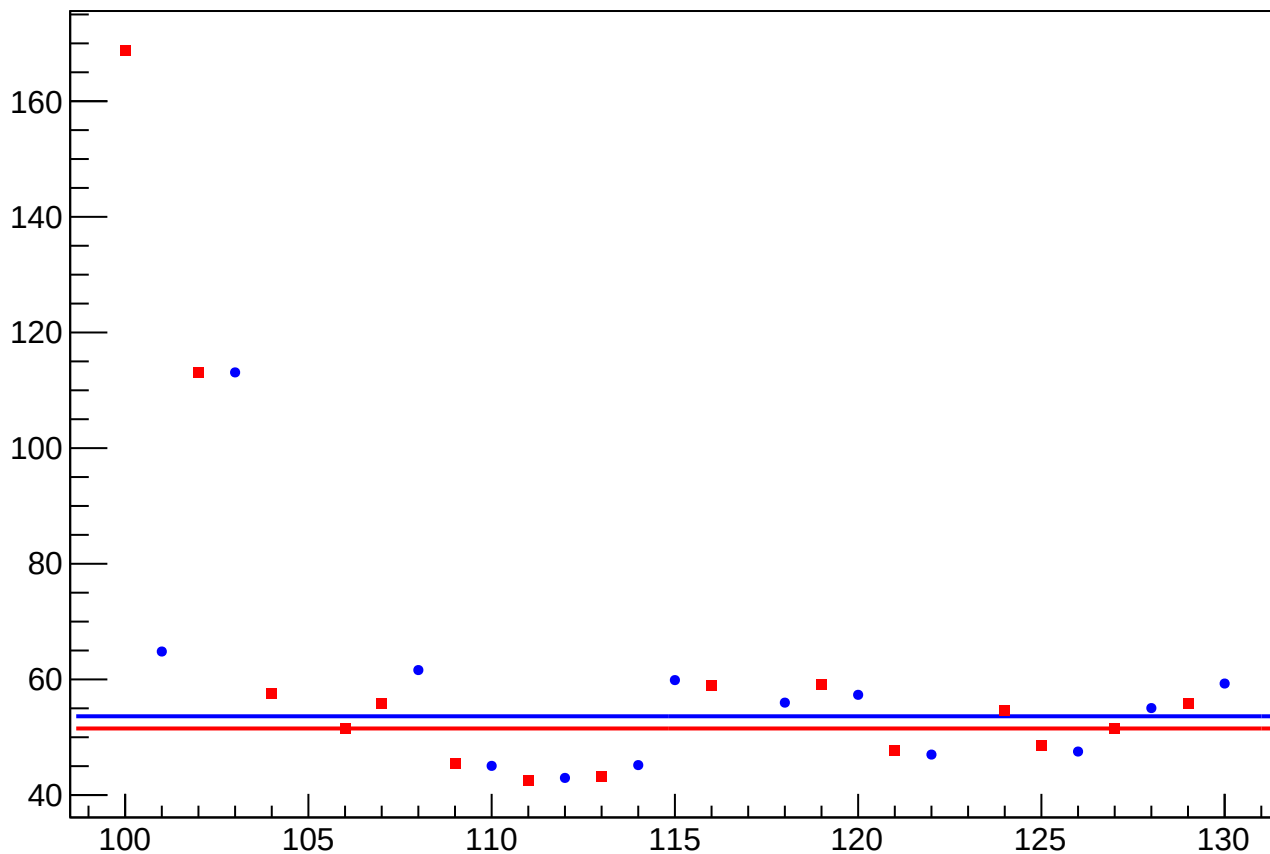
Right: 31.837 ± 16.171 $\chi^2/\text{NDF}: 36.1/27$

In: -0.604 ± 23.609 $\chi^2/\text{NDF}: 14.3/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 31.837 ± 16.171 $\chi^2/\text{NDF}: 36.1/27$

eigen_cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 53.625+/-0.017 χ^2/NDF : 505880.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.515+/-0.016 χ^2/NDF : 585680.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

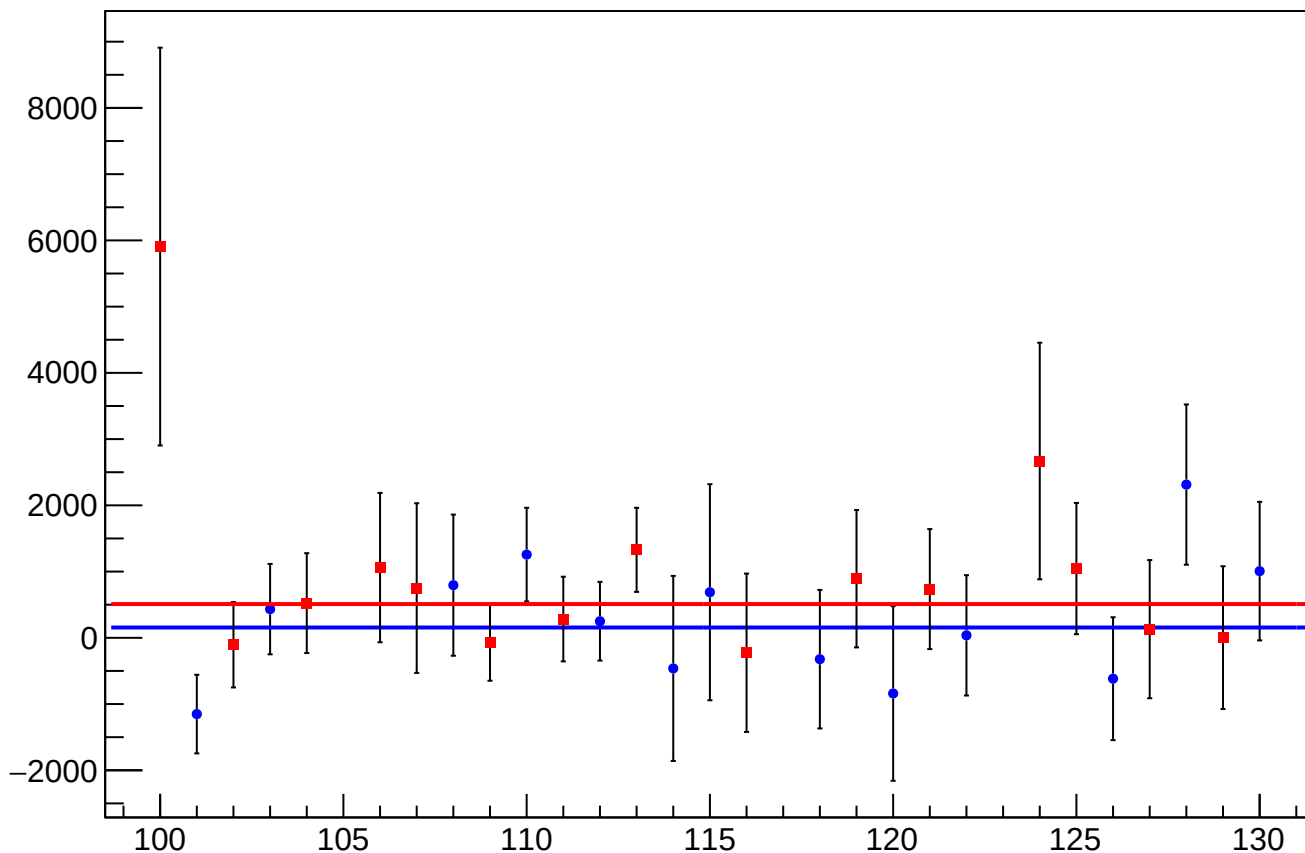
Right: 52.505+/-0.011 χ^2/NDF : 1100039.2/27

In: 53.625+/-0.017 χ^2/NDF : 505880.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.505+/-0.011 χ^2/NDF : 1100039.2/27

asym_sam_1357_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 155.708 $\pm$ 242.182 χ^2 /NDF: 13.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 509.556 $\pm$ 225.972 χ^2 /NDF: 9.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

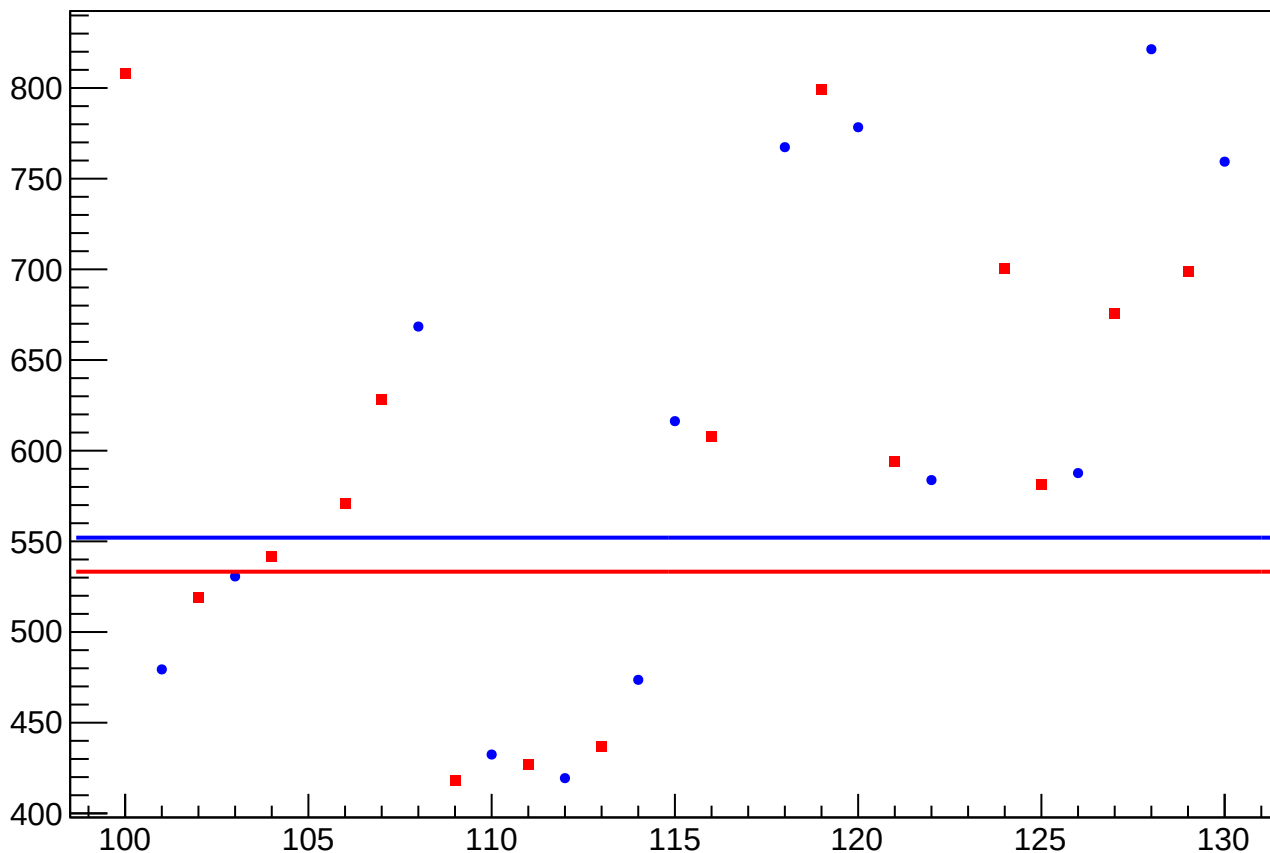
Right: 344.869 $\pm$ 165.220 χ^2 /NDF: 24.5/27

In: 155.708 $\pm$ 242.182 χ^2 /NDF:13.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 344.869 $\pm$ 165.220 χ^2 /NDF: 24.5/27

asym_sam_1357_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 552.044+/-0.171 χ^2/NDF : 548892.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 533.272+/-0.160 χ^2/NDF : 467451.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

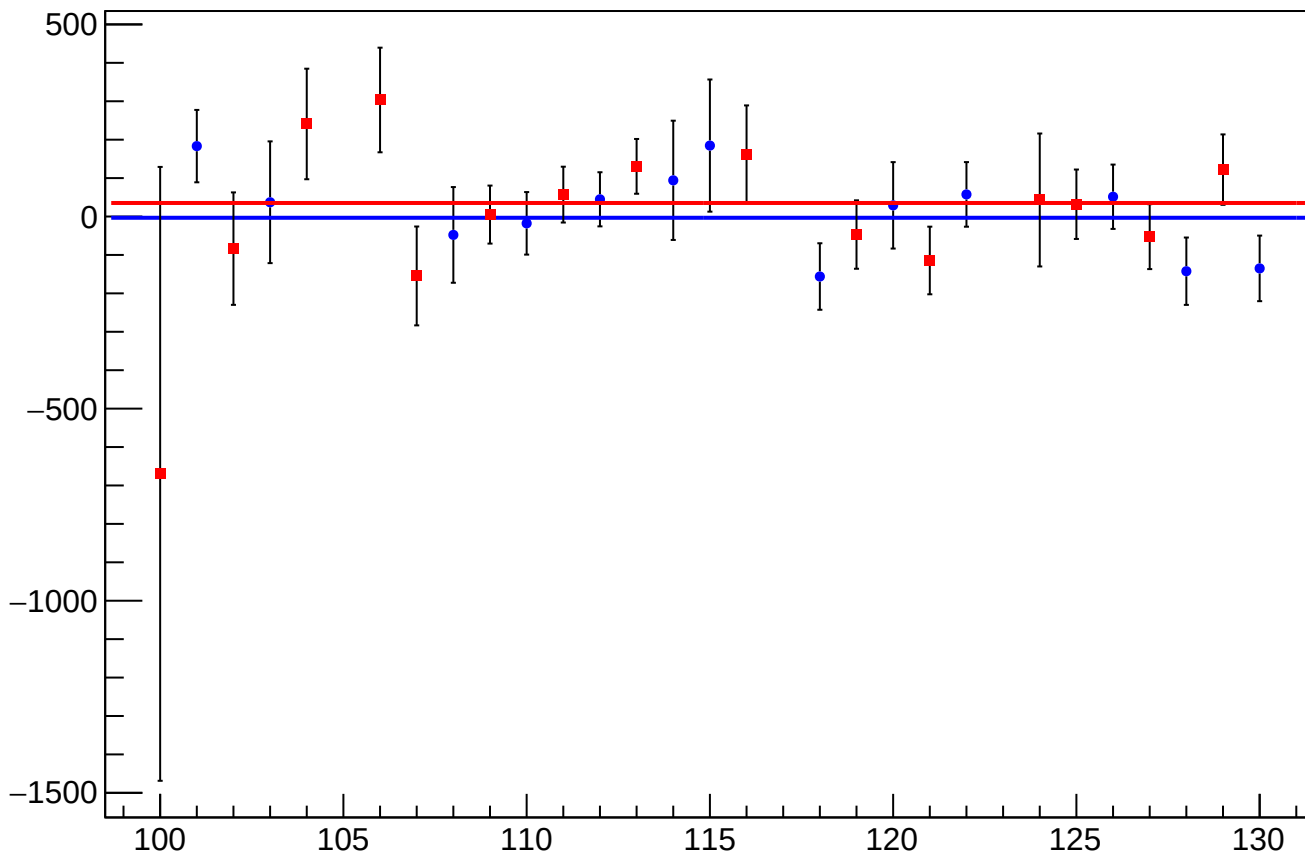
Right: 542.009+/-0.117 χ^2/NDF : 1022767.5/27

In: 552.044+/-0.171 χ^2/NDF : 548892.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 542.009+/-0.117 χ^2/NDF : 1022767.5/27

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -3.240+/-26.641 χ^2/NDF : 15.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.244+/-25.777 χ^2/NDF : 18.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

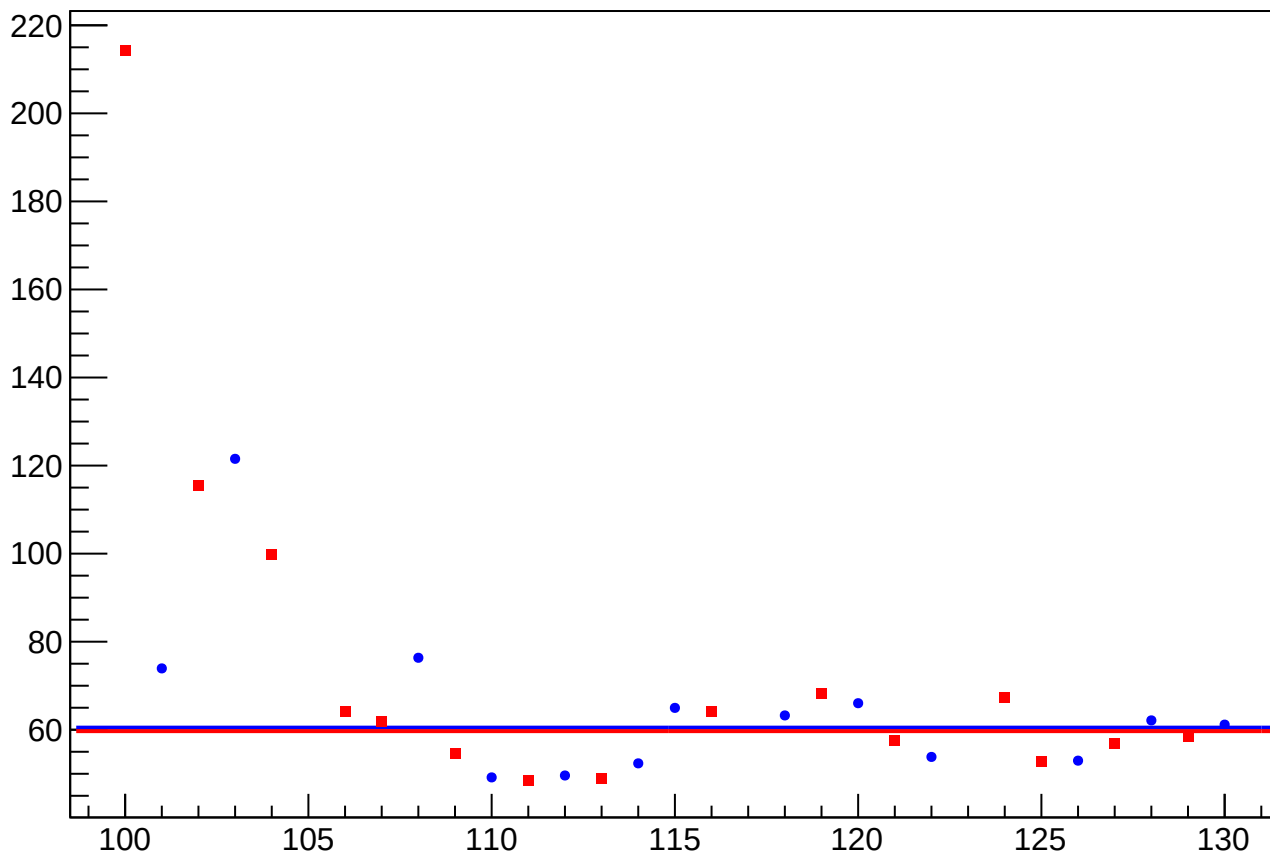
Right: 16.636+/-18.525 χ^2/NDF : 34.6/27

In: -3.240+/-26.641 χ^2/NDF : 15.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.636+/-18.525 χ^2/NDF : 34.6/27

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 60.478+/-0.019 χ^2/NDF : 499530.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.687+/-0.018 χ^2/NDF : 666813.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

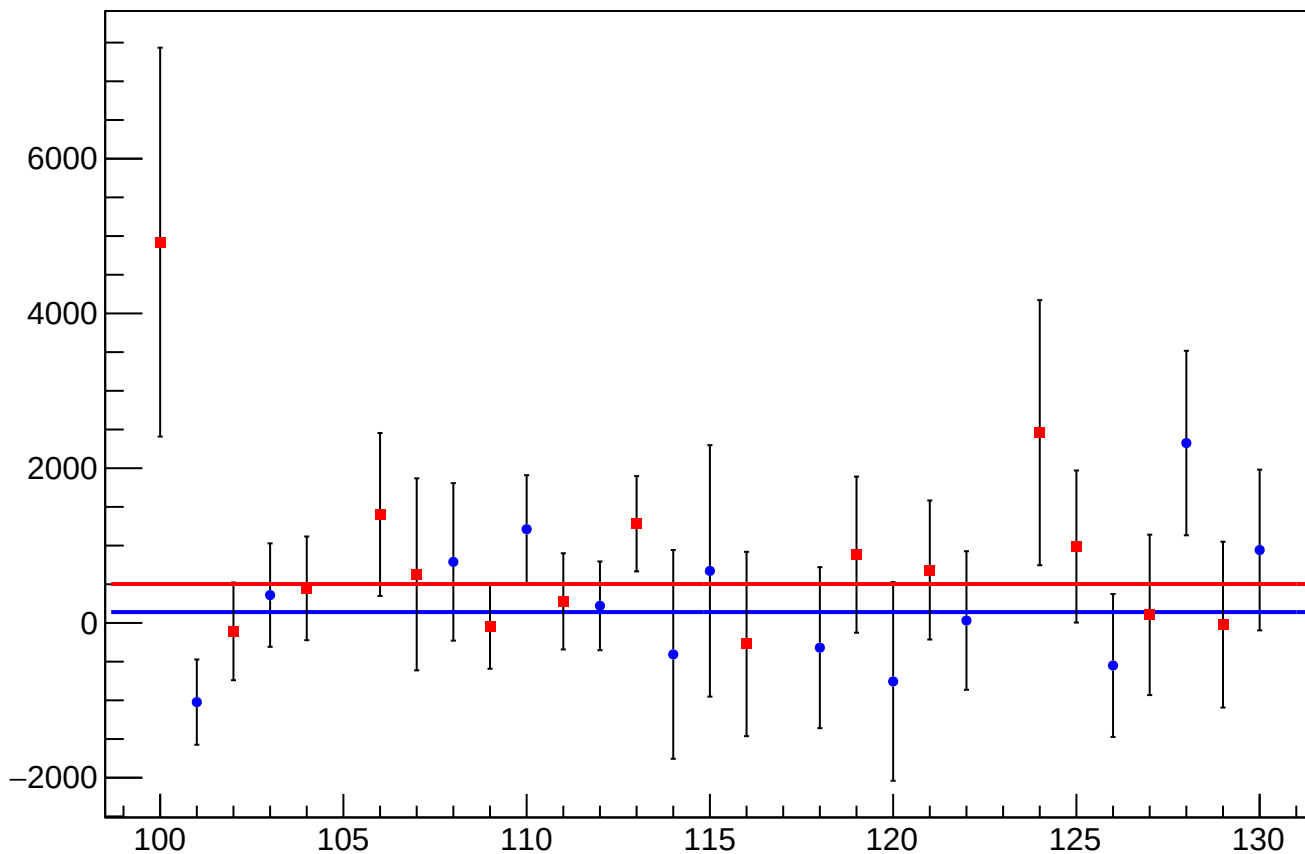
Right: 60.069+/-0.013 χ^2/NDF : 1167252.4/27

In: 60.478+/-0.019 χ^2/NDF : 499530.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.069+/-0.013 χ^2/NDF : 1167252.4/27

asym_sam_1357_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 140.607+/-235.023 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 503.133+/-217.830 χ^2/NDF : 10.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

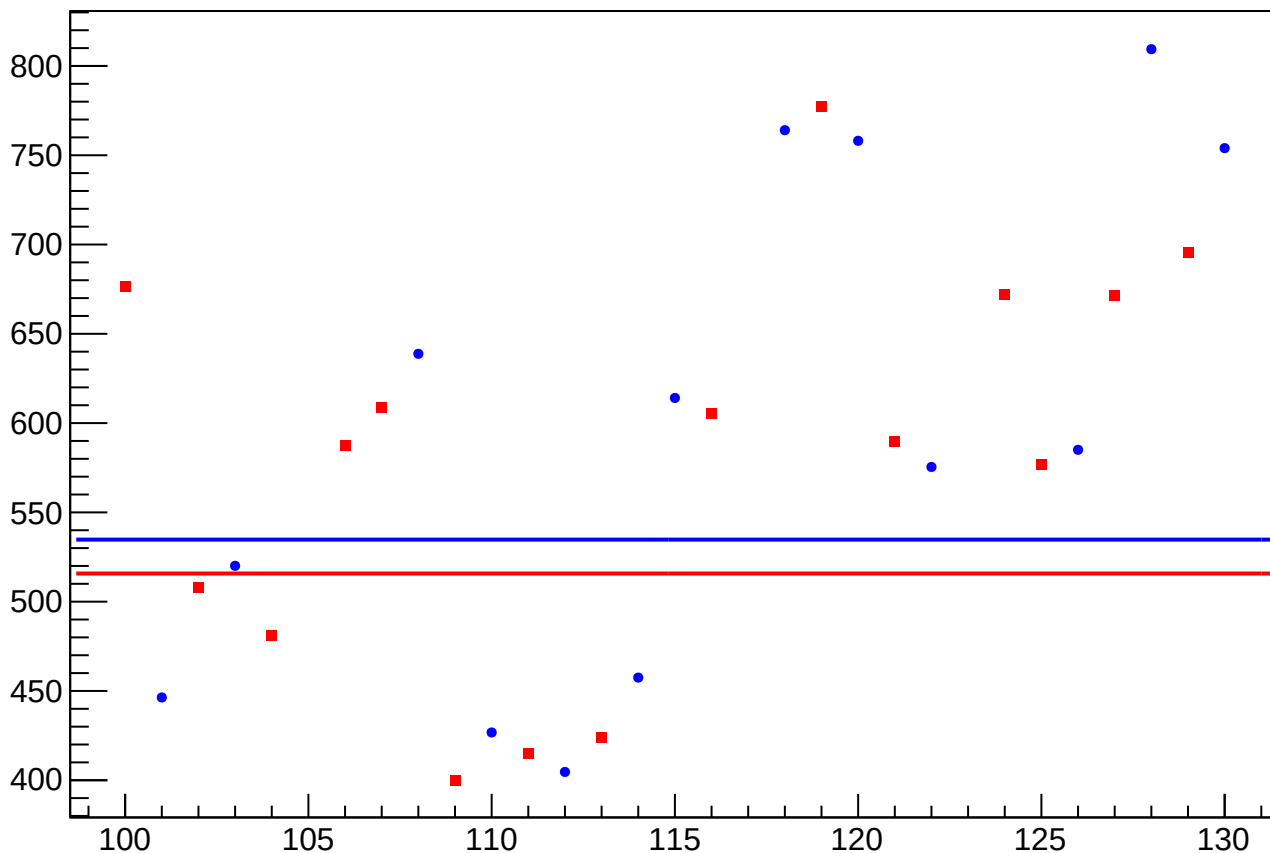
Right: 335.614+/-159.762 χ^2/NDF : 24.1/27

In: 140.607+/-235.023 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 335.614+/-159.762 χ^2/NDF : 24.1/27

asym_sam_1357_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 534.754+/-0.166 χ^2/NDF : 598708.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 515.769+/-0.154 χ^2/NDF : 504469.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

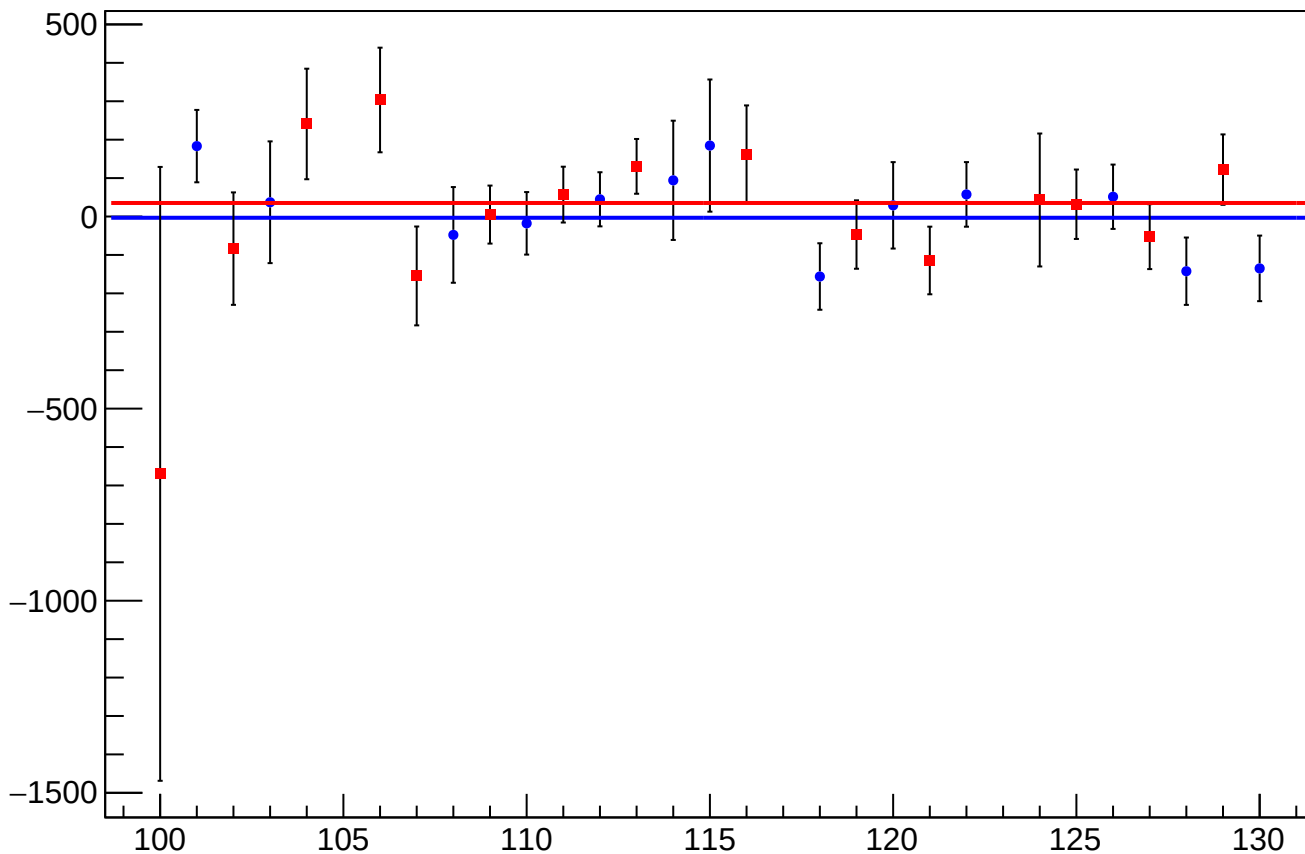
Right: 524.542+/-0.113 χ^2/NDF : 1110197.9/27

In: 534.754+/-0.166 χ^2/NDF : 598708.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 524.542+/-0.113 χ^2/NDF : 1110197.9/27

eigen_dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -3.242 ± 26.641 χ^2/NDF : 15.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 35.242 ± 25.777 χ^2/NDF : 18.3/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

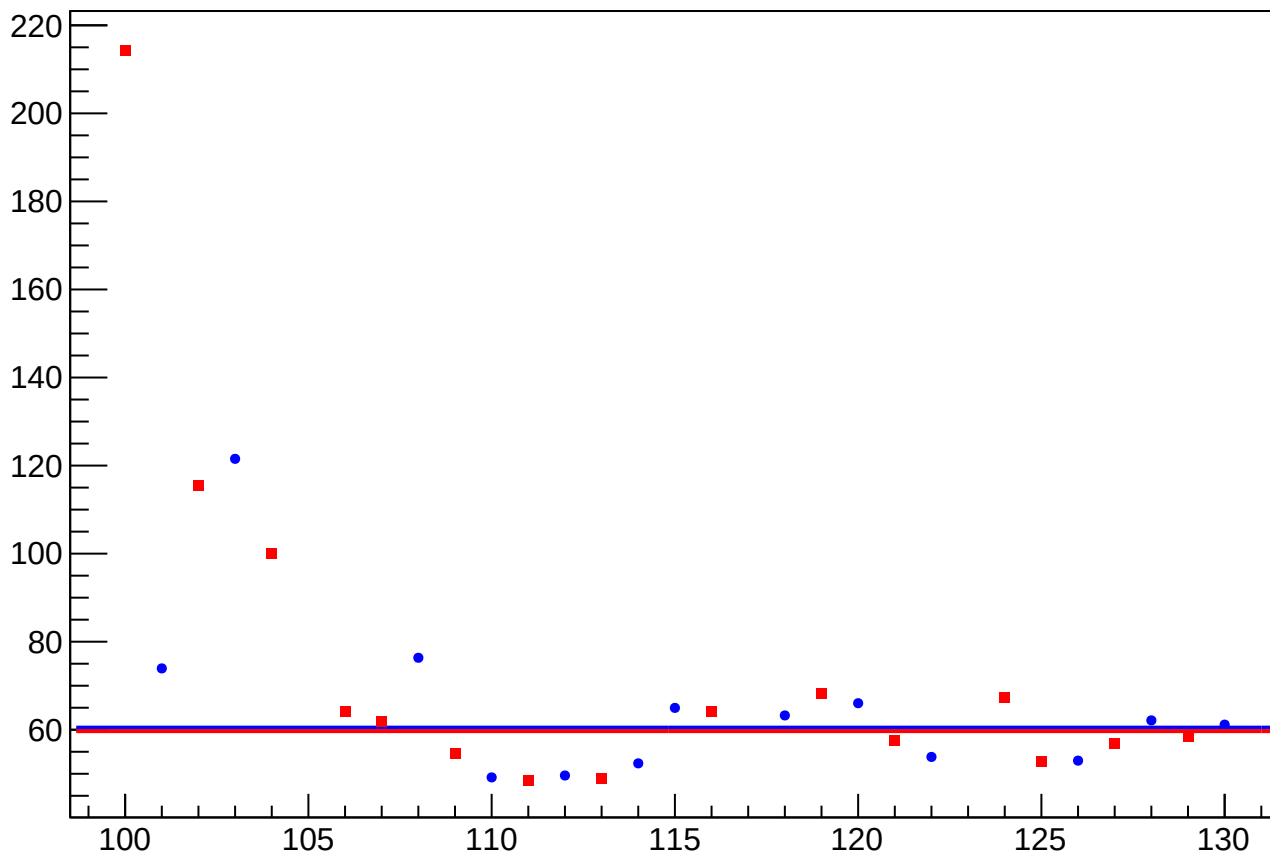
Right: 16.635 ± 18.525 χ^2/NDF : 34.6/27

In: -3.242 ± 26.641 χ^2/NDF : 15.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 16.635 ± 18.525 χ^2/NDF : 34.6/27

eigen_dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 60.478+/-0.019 χ^2/NDF : 499528.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.688+/-0.018 χ^2/NDF : 666812.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

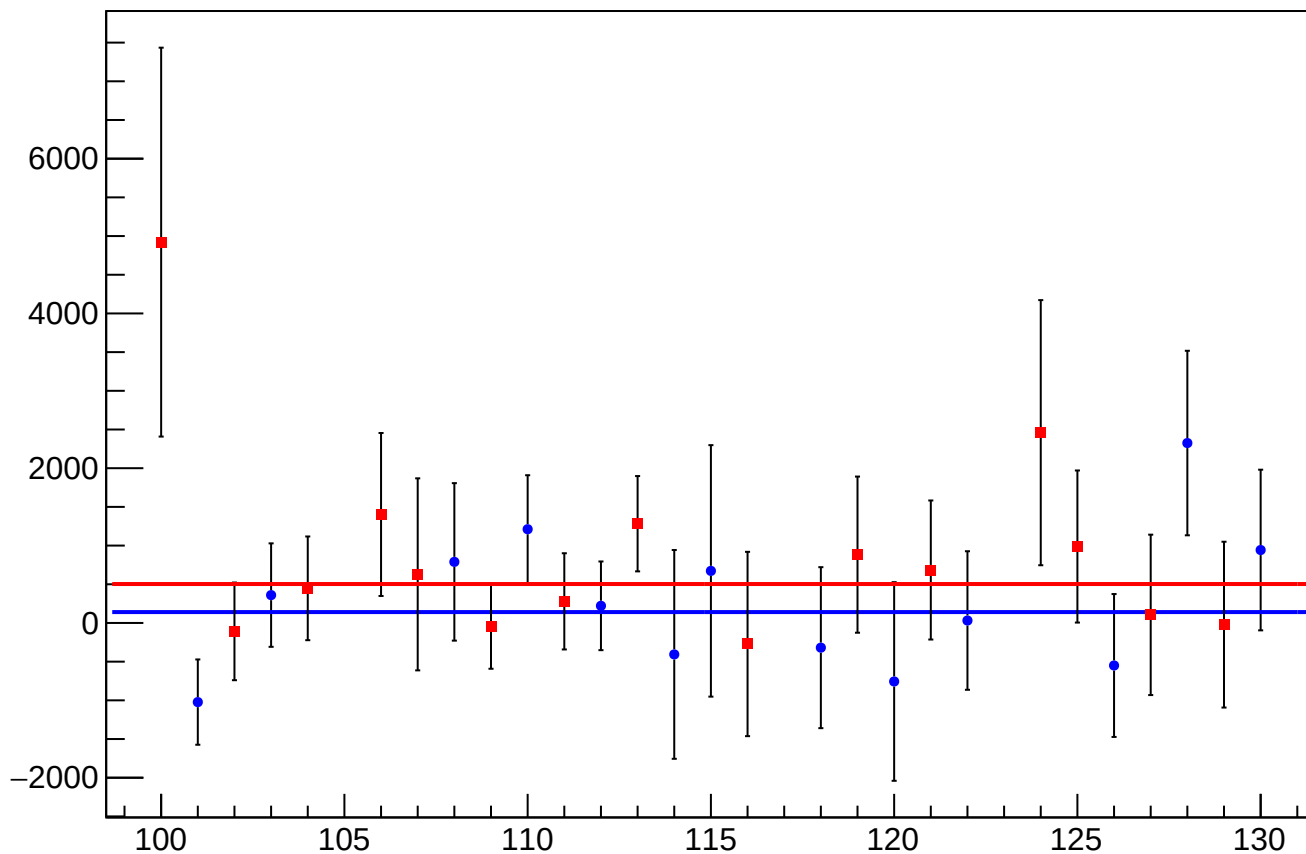
Right: 60.070+/-0.013 χ^2/NDF : 1167249.1/27

In: 60.478+/-0.019 χ^2/NDF : 499528.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.070+/-0.013 χ^2/NDF : 1167249.1/27

asym_sam_1357_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 140.606+/-235.022 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 503.132+/-217.830 χ^2/NDF : 10.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

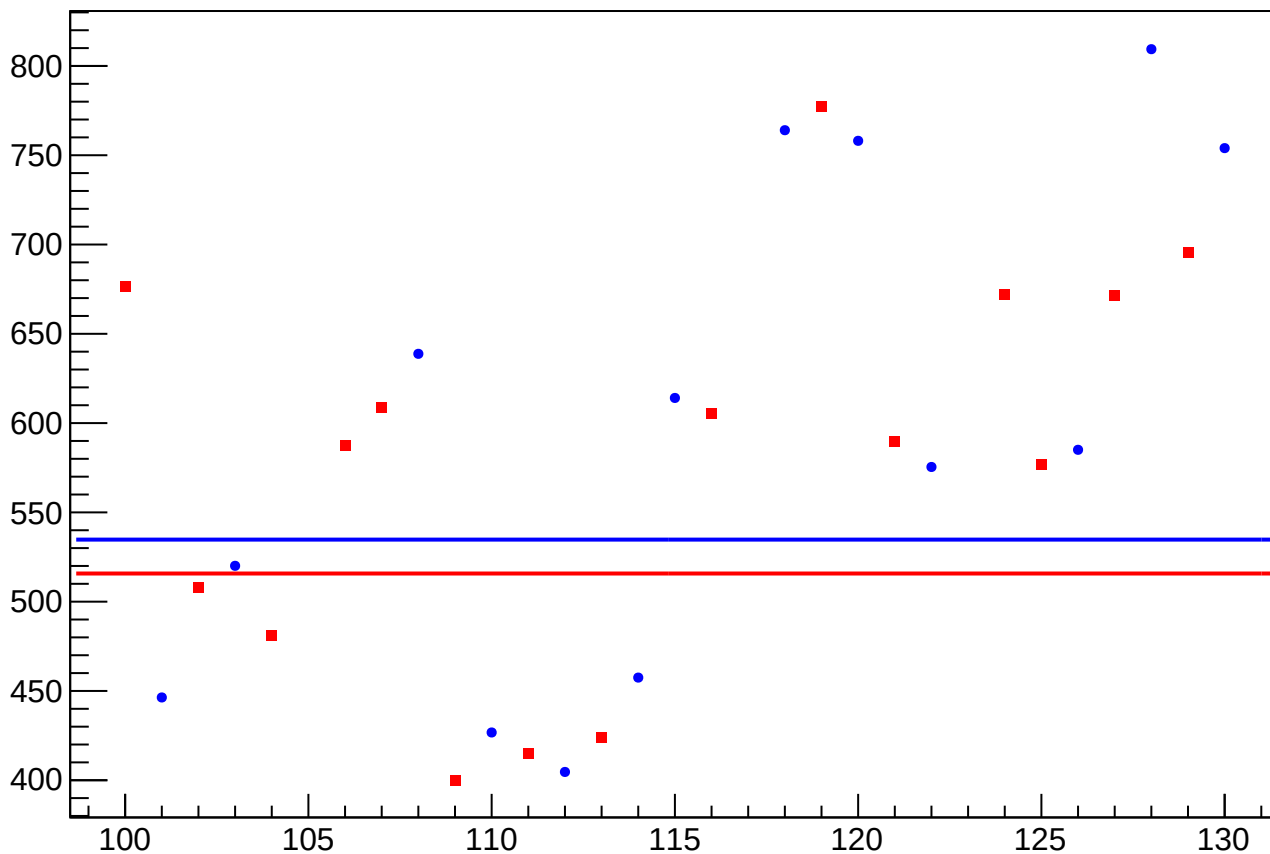
Right: 335.613+/-159.761 χ^2/NDF : 24.1/27

In: 140.606+/-235.022 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 335.613+/-159.761 χ^2/NDF : 24.1/27

asym_sam_1357_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 534.753+/-0.166 χ^2/NDF : 598714.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 515.768+/-0.154 χ^2/NDF : 504471.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

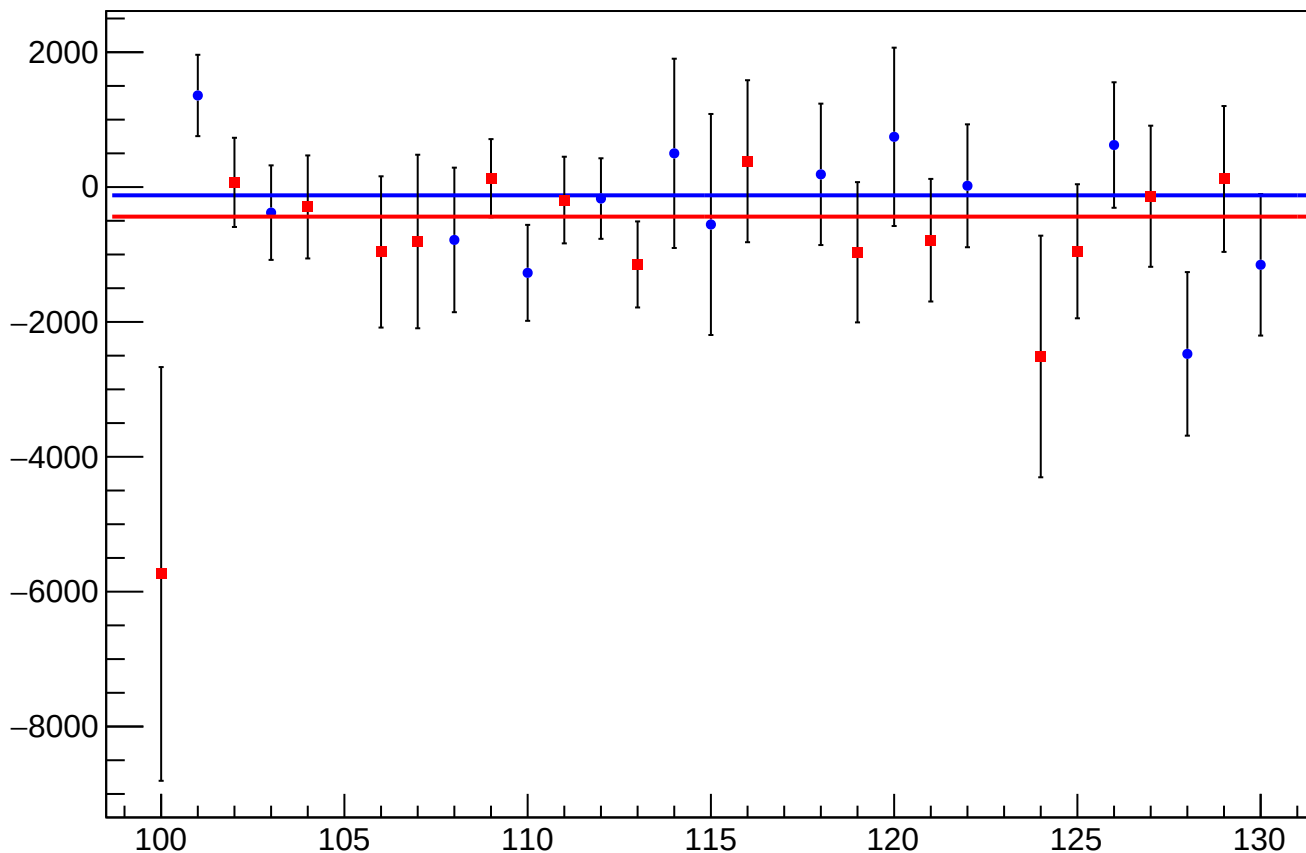
Right: 524.540+/-0.113 χ^2/NDF : 1110205.7/27

In: 534.753+/-0.166 χ^2/NDF :598714.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 524.540+/-0.113 χ^2/NDF : 1110205.7/27

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -122.427 $\pm$ 244.418 χ^2 /NDF: 15.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -438.225 $\pm$ 227.757 χ^2 /NDF: 9.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

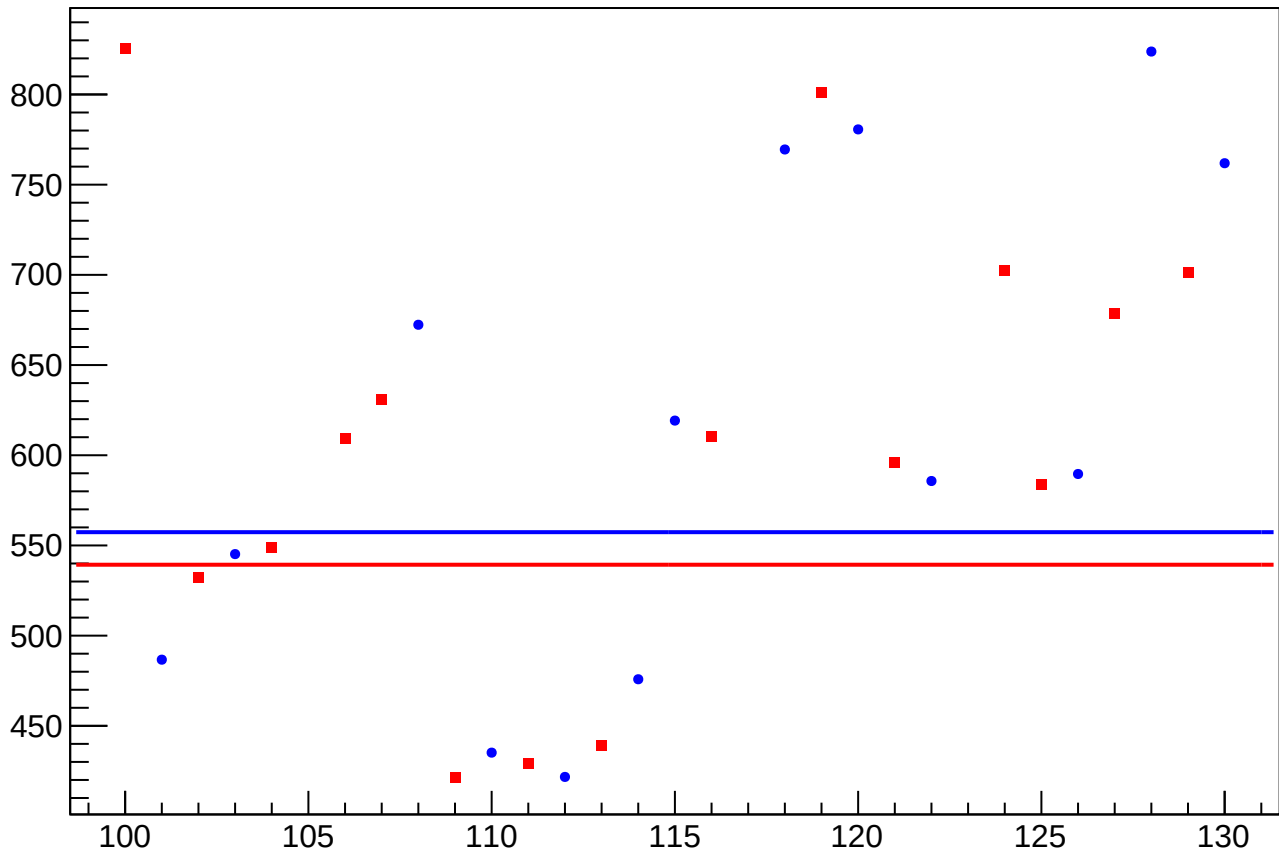
Right: -291.455 $\pm$ 166.628 χ^2 /NDF: 25.3/27

In: -122.427 $\pm$ 244.418 χ^2 /NDF:15.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -291.455 $\pm$ 166.628 χ^2 /NDF: 25.3/27

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 557.359+/-0.173 χ^2/NDF : 538528.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 539.311+/-0.161 χ^2/NDF : 469180.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

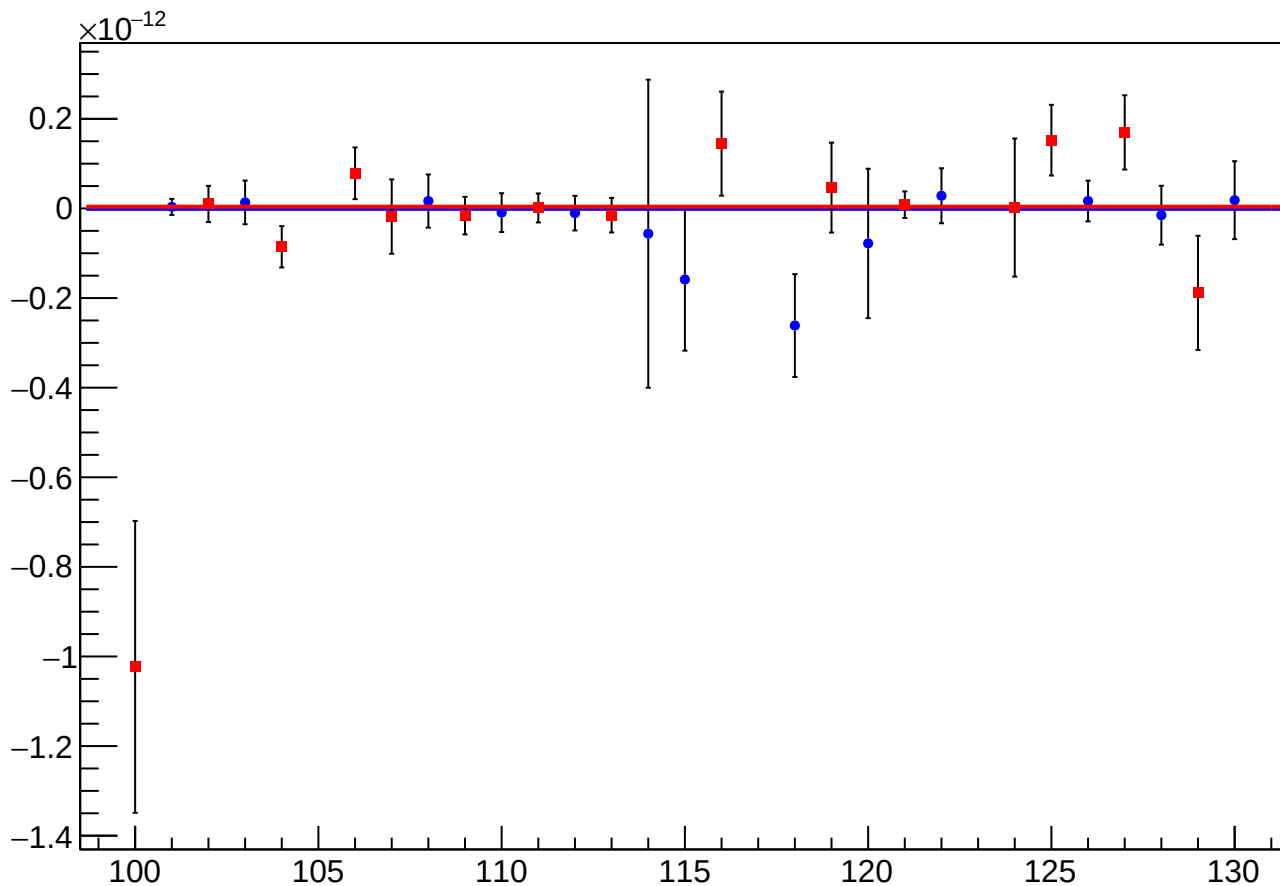
Right: 547.699+/-0.118 χ^2/NDF : 1013545.7/27

In: 557.359+/-0.173 χ^2/NDF : 538528.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 547.699+/-0.118 χ^2/NDF : 1013545.7/27

asym_sam_1357_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 27.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

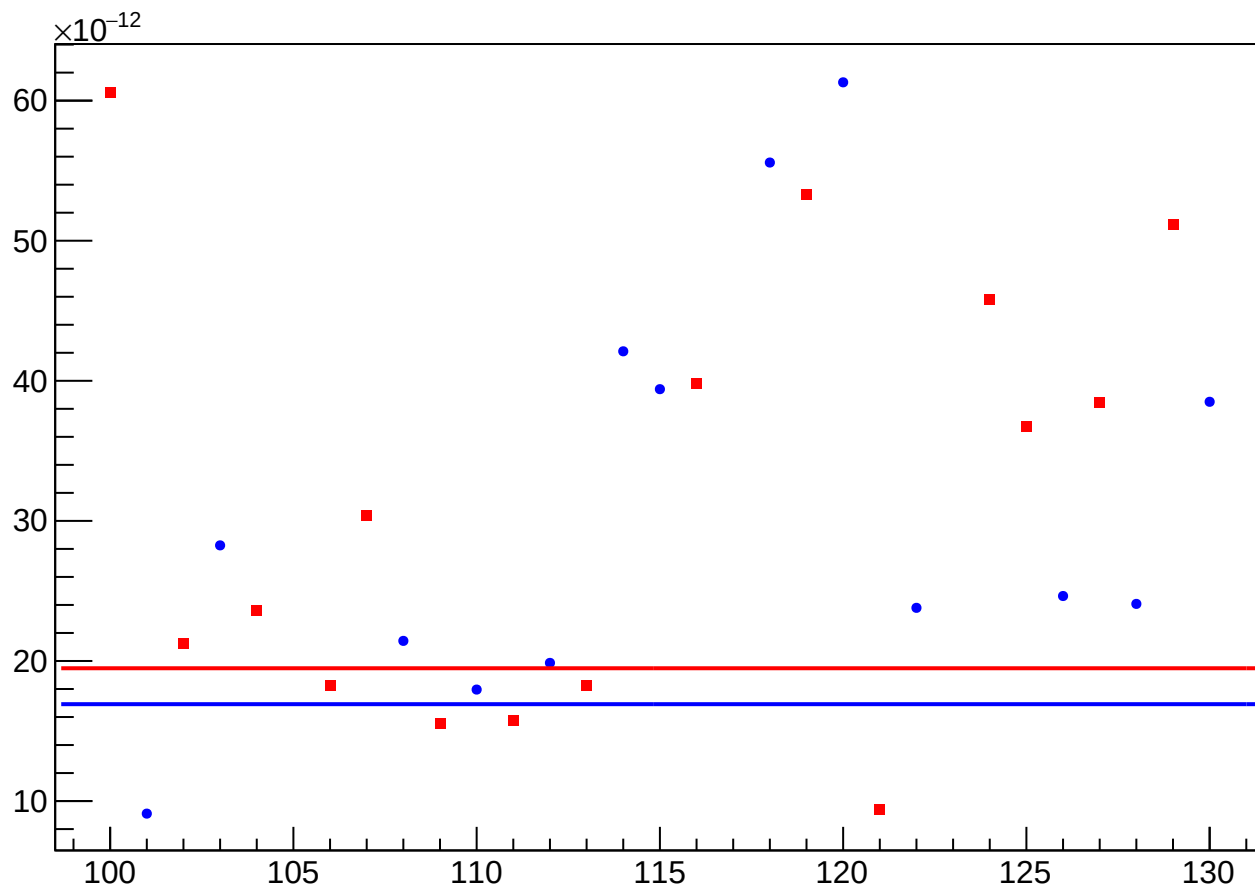
Right: 0.000+/-0.000 χ^2/NDF : 34.7/27

In: -0.000+/-0.000 χ^2/NDF : 7.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 34.7/27

asym_sam_1357_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1161811.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1034414.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

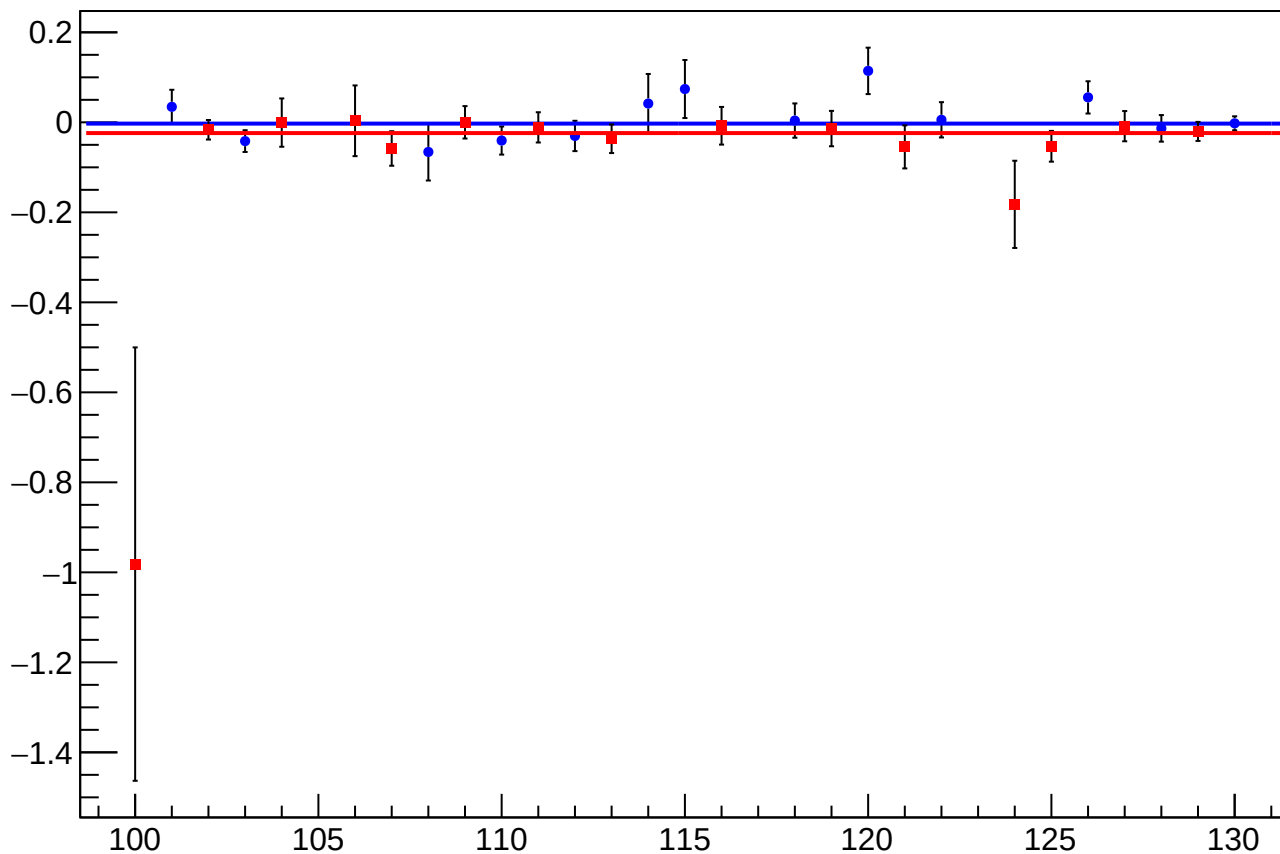
Right: 0.000+/-0.000 χ^2/NDF : 2234640.2/27

In: 0.000+/-0.000 χ^2/NDF : 1161811.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2234640.2/27

asym_sam_1357_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 ± 0.009 χ^2/NDF : 16.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.024 ± 0.009 χ^2/NDF : 10.2/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

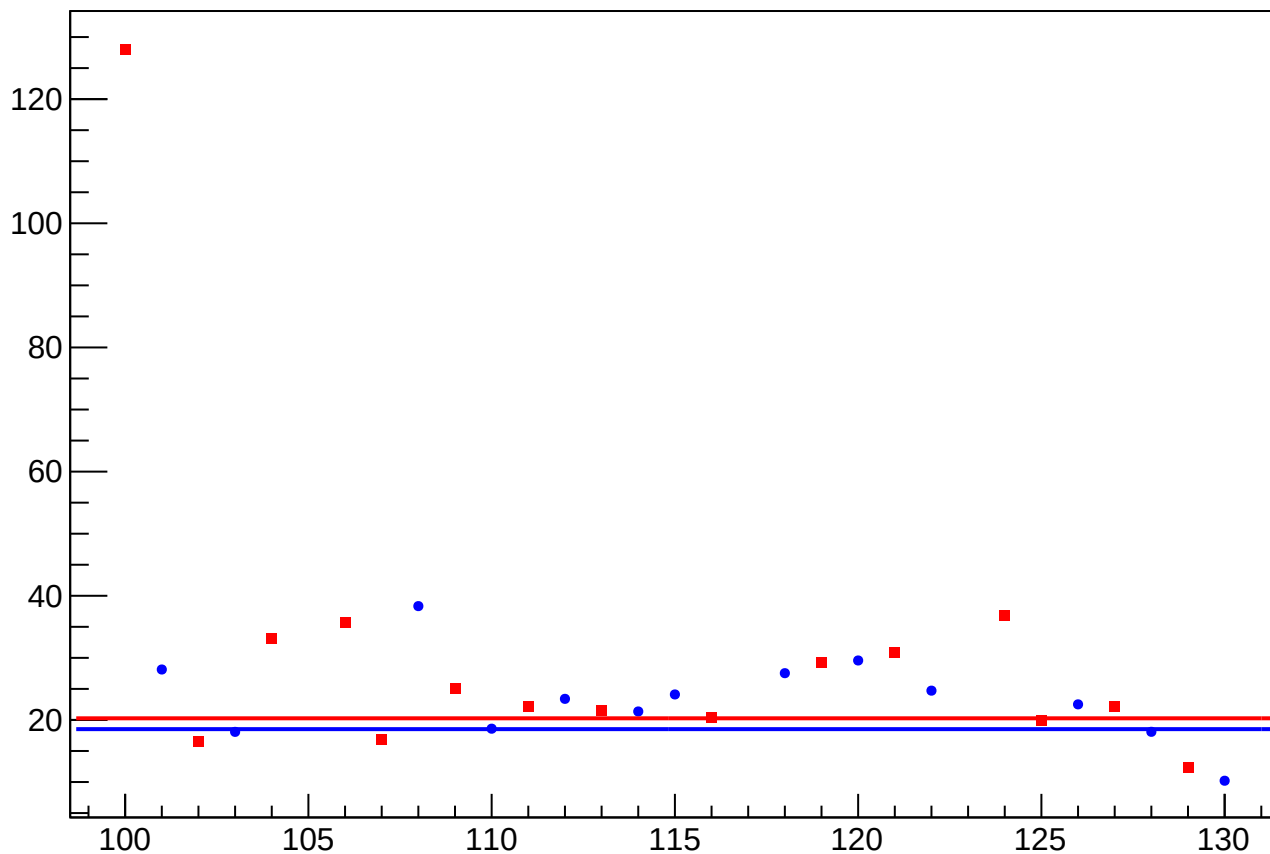
Right: -0.013 ± 0.006 χ^2/NDF : 29.4/27

In: -0.003 ± 0.009 χ^2/NDF : 16.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.013 ± 0.006 χ^2/NDF : 29.4/27

asym_sam_1357_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.519+/-0.006 χ^2/NDF : 1232840.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.263+/-0.007 χ^2/NDF : 952894.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

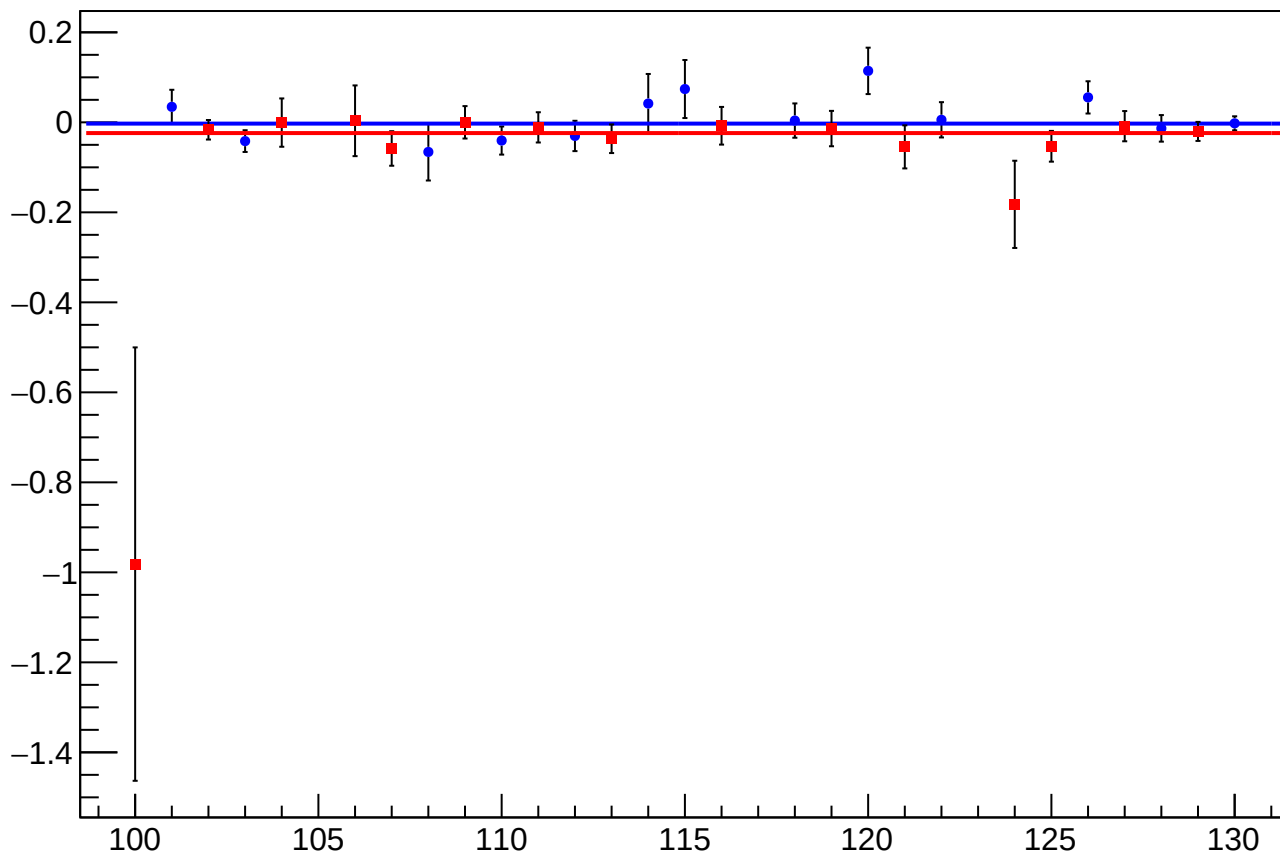
Right: 19.352+/-0.005 χ^2/NDF : 2222917.2/27

In: 18.519+/-0.006 χ^2/NDF : 1232840.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.352+/-0.005 χ^2/NDF : 2222917.2/27

asym_sam_1357_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 ± 0.009 χ^2/NDF : 16.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.024 ± 0.009 χ^2/NDF : 10.2/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

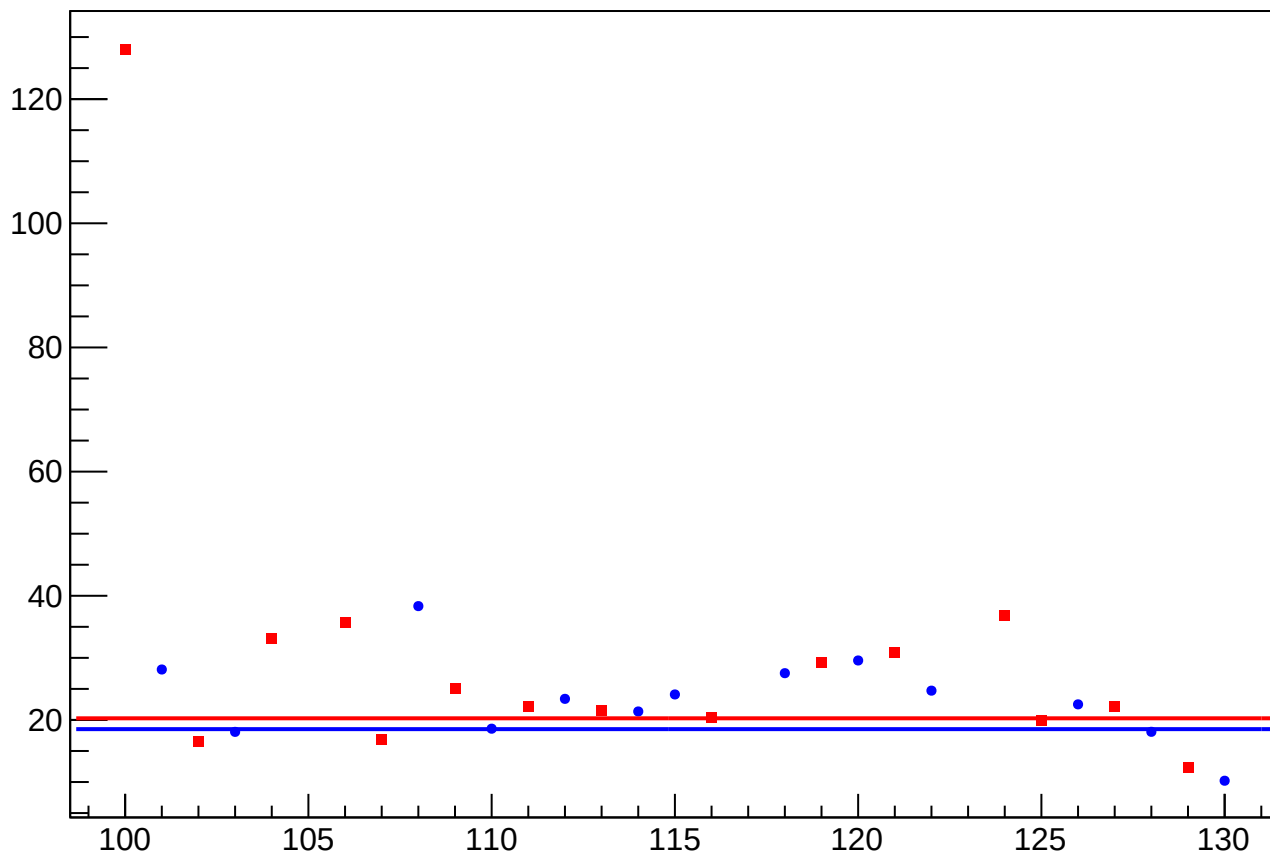
Right: -0.013 ± 0.006 χ^2/NDF : 29.4/27

In: -0.003 ± 0.009 χ^2/NDF : 16.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.013 ± 0.006 χ^2/NDF : 29.4/27

asym_sam_1357_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.519+/-0.006 χ^2/NDF : 1232840.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.263+/-0.007 χ^2/NDF : 952894.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

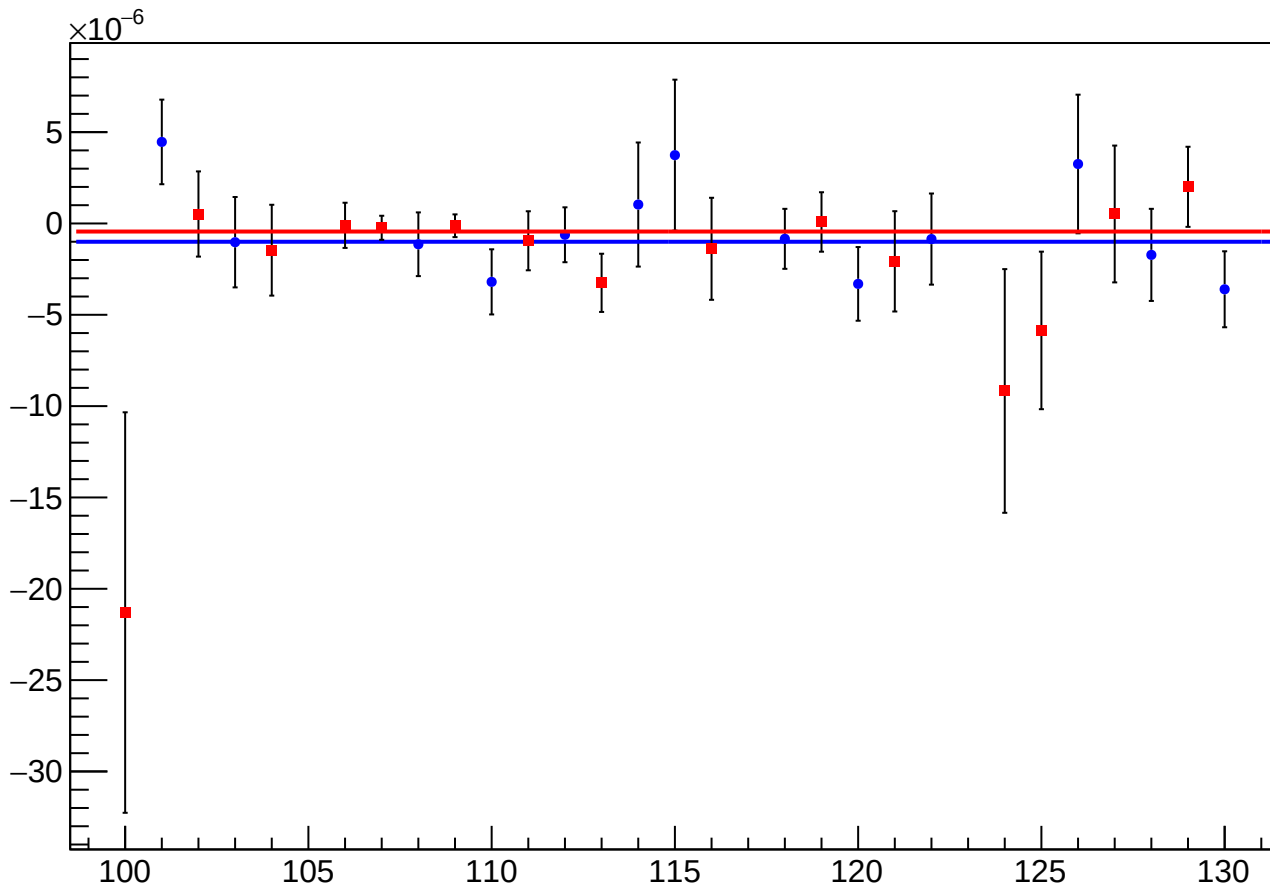
Right: 19.352+/-0.005 χ^2/NDF : 2222917.2/27

In: 18.519+/-0.006 χ^2/NDF : 1232840.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.352+/-0.005 χ^2/NDF : 2222917.2/27

asym_sam_1357_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

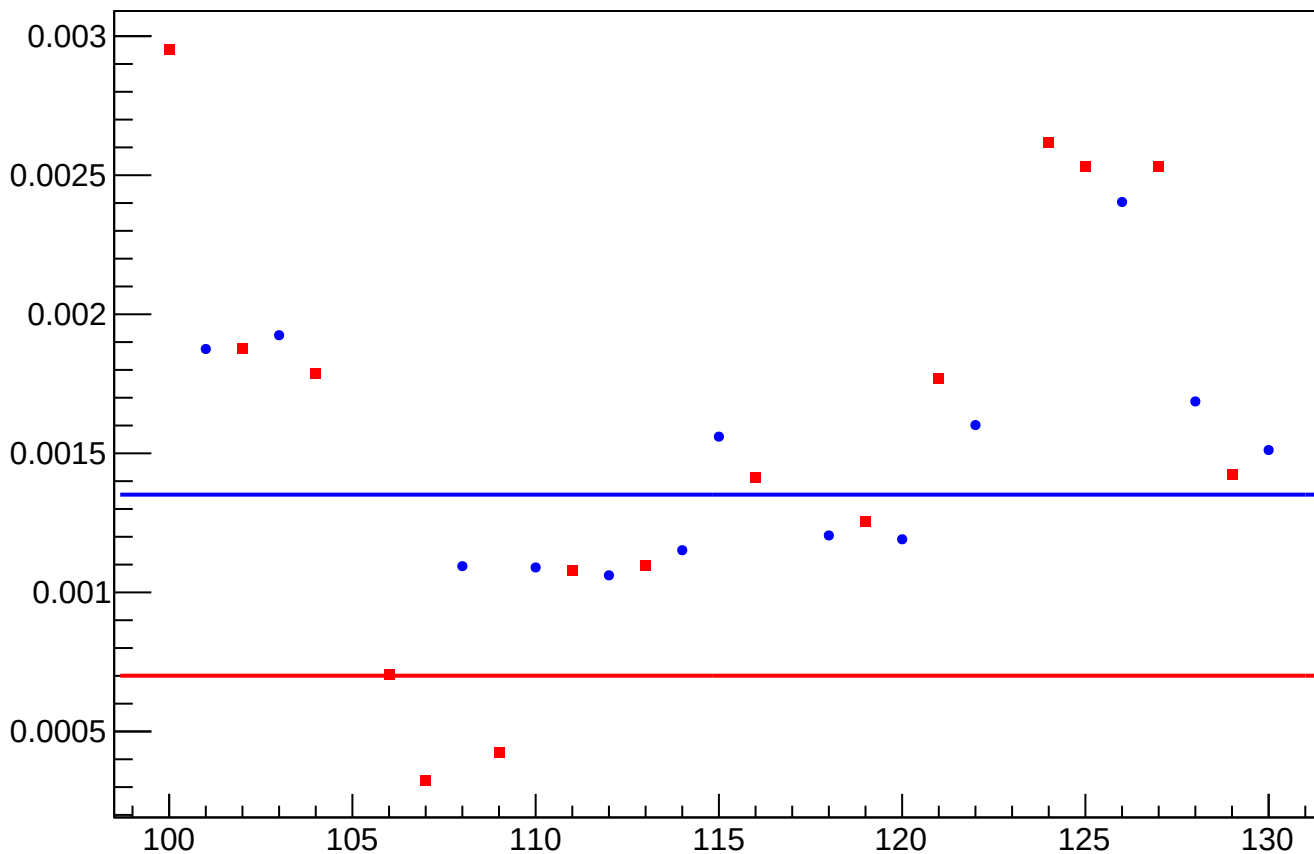
Right: -0.000+/-0.000 χ^2/NDF : 26.5/27

In: -0.000+/-0.000 χ^2/NDF : 13.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.5/27

asym_sam_1357_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 632426.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4141685.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

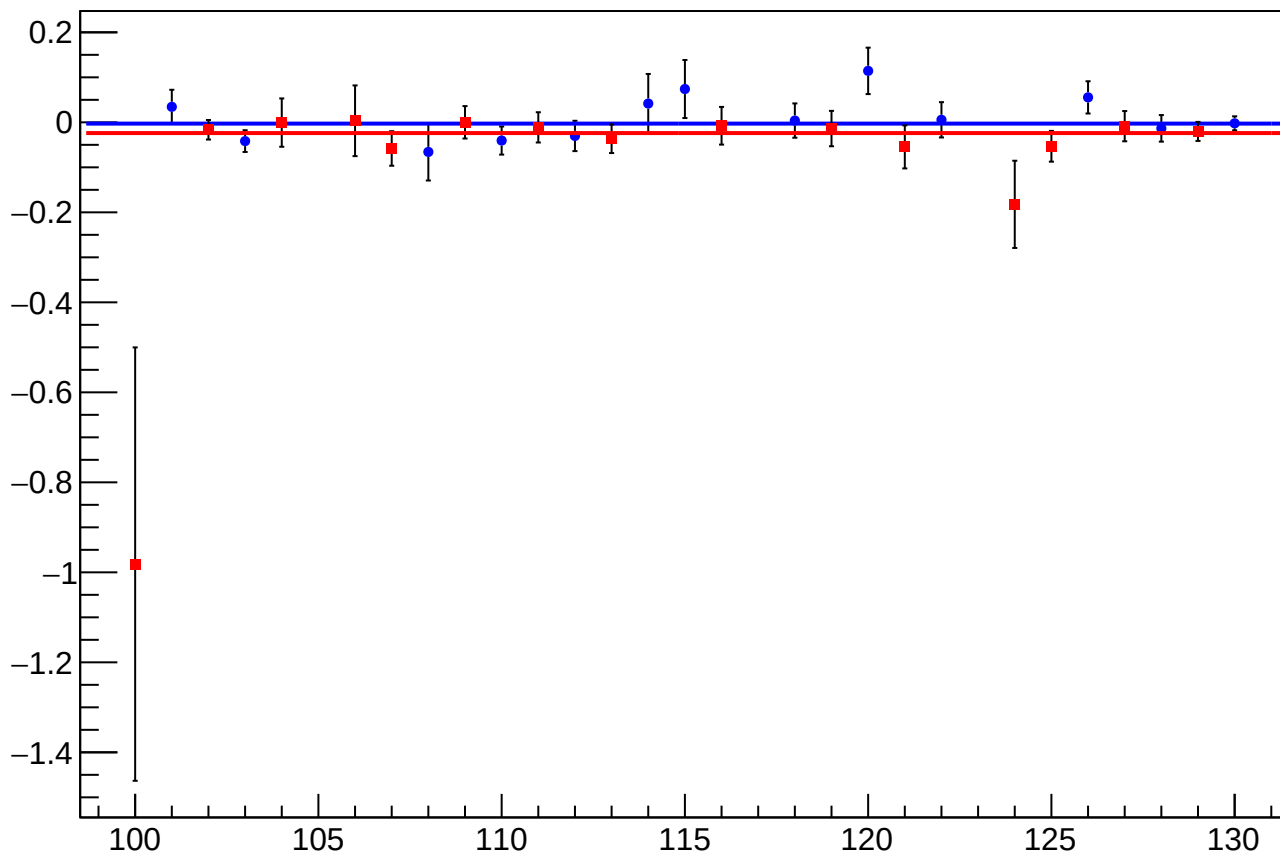
Right: 0.001+/-0.000 χ^2/NDF : 6519890.6/27

In: 0.001+/-0.000 χ^2/NDF : 632426.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6519890.6/27

asym_sam_1357_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 $\pm$ 0.009 χ^2 /NDF: 16.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.024 $\pm$ 0.009 χ^2 /NDF: 10.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

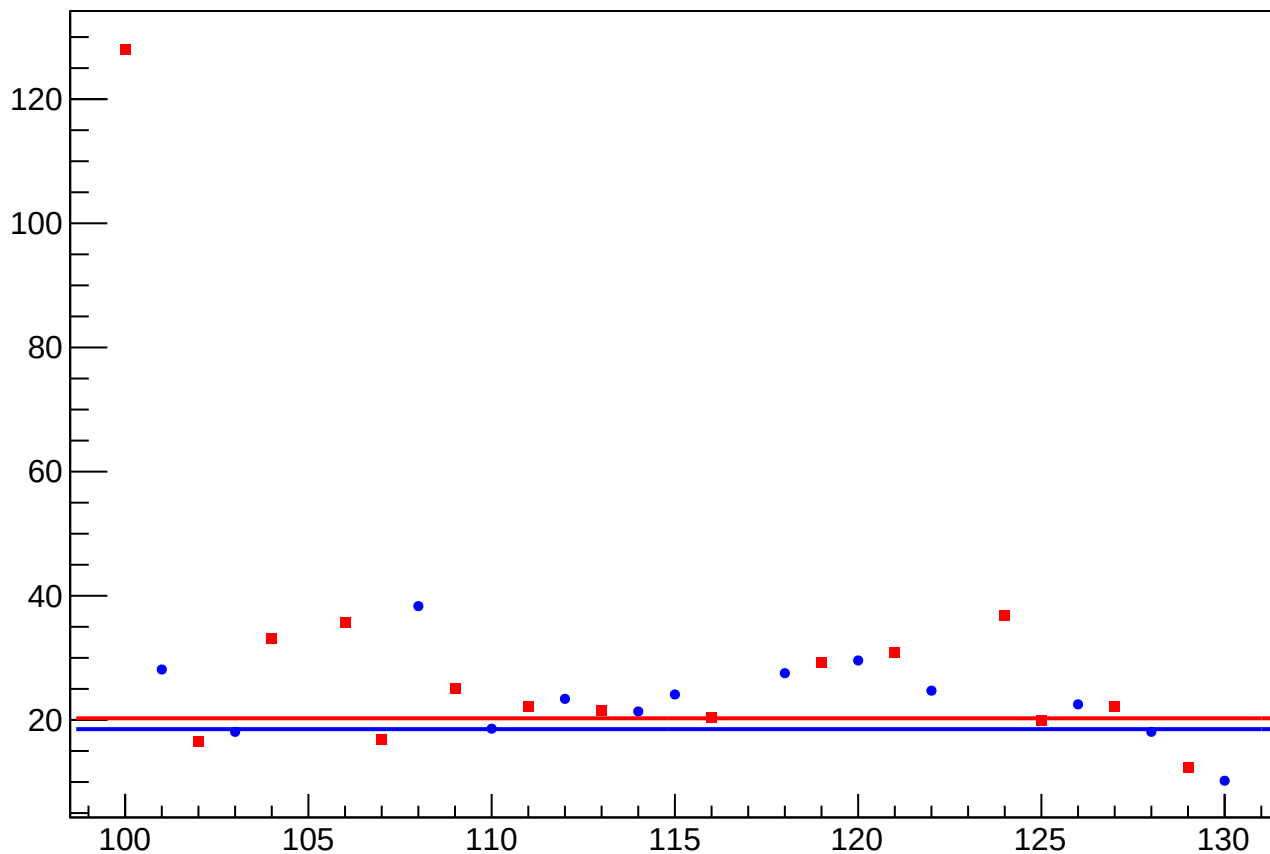
Right: -0.013 $\pm$ 0.006 χ^2 /NDF: 29.4/27

In: -0.003 $\pm$ 0.009 χ^2 /NDF:16.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.006 χ^2 /NDF: 29.4/27

asym_sam_1357_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.519+/-0.006 χ^2/NDF : 1232755.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.263+/-0.007 χ^2/NDF : 952901.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

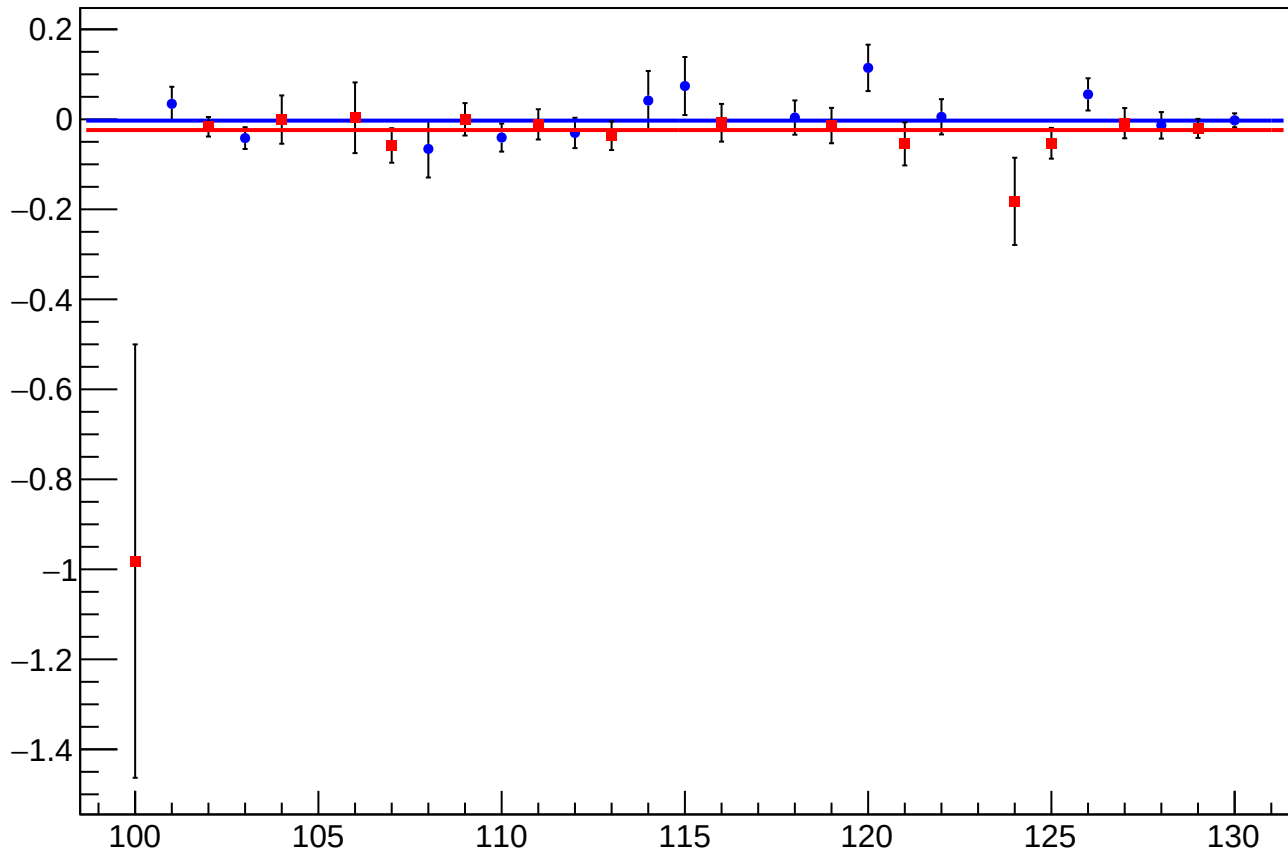
Right: 19.352+/-0.005 χ^2/NDF : 2222830.6/27

In: 18.519+/-0.006 χ^2/NDF : 1232755.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.352+/-0.005 χ^2/NDF : 2222830.6/27

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 $\pm$ 0.009 χ^2 /NDF: 16.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.024 $\pm$ 0.009 χ^2 /NDF: 10.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

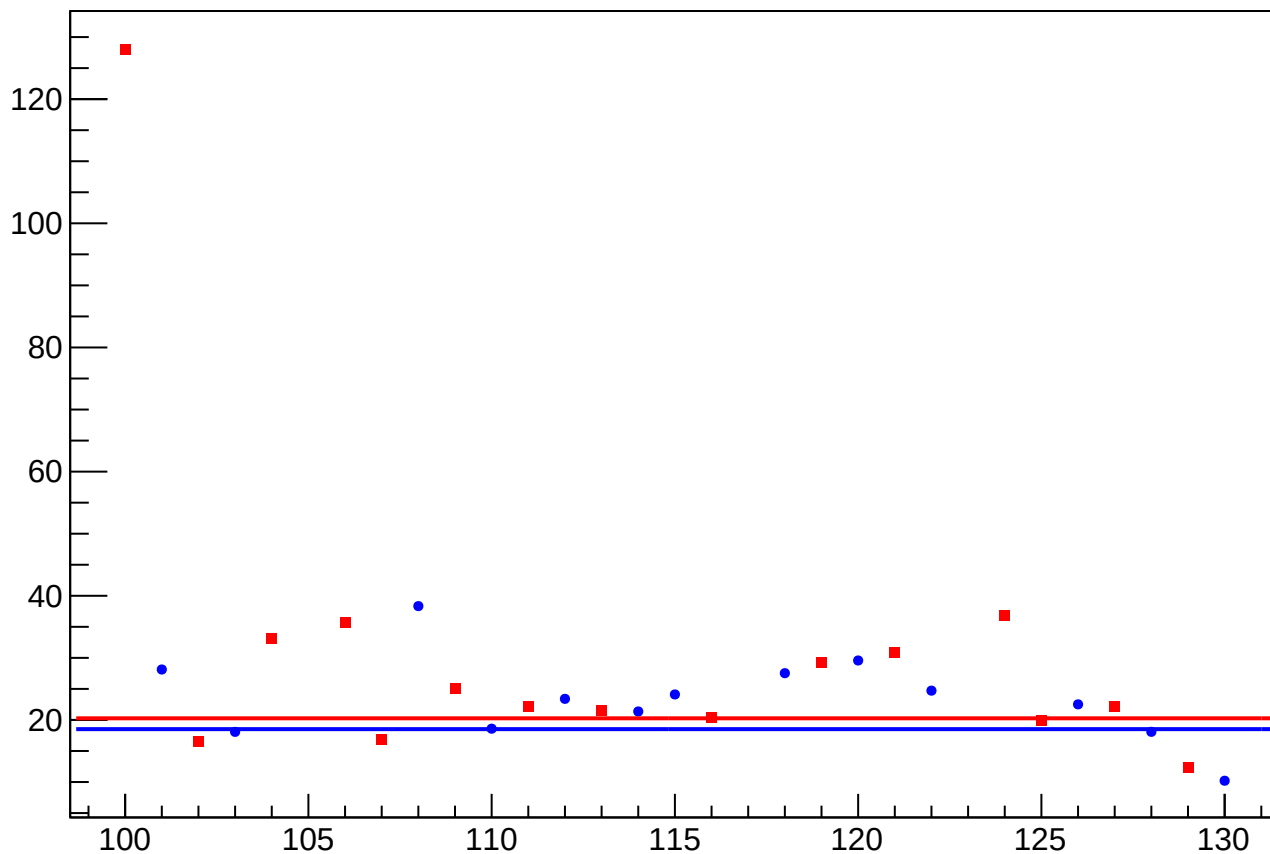
Right: -0.013 $\pm$ 0.006 χ^2 /NDF: 29.4/27

In: -0.003 $\pm$ 0.009 χ^2 /NDF:16.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.006 χ^2 /NDF: 29.4/27

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.519+/-0.006 χ^2/NDF : 1232755.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.263+/-0.007 χ^2/NDF : 952901.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

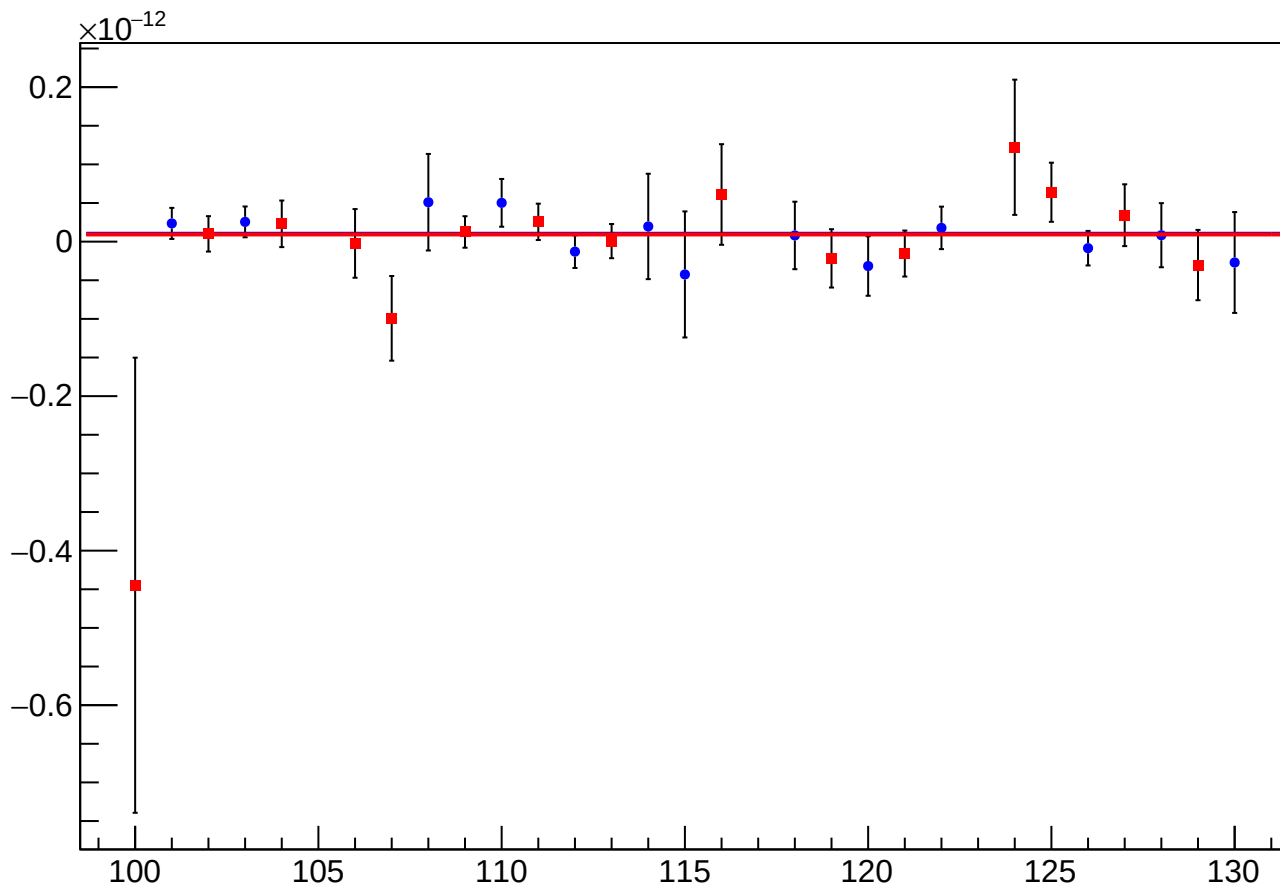
Right: 19.352+/-0.005 χ^2/NDF : 2222830.6/27

In: 18.519+/-0.006 χ^2/NDF : 1232755.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.352+/-0.005 χ^2/NDF : 2222830.6/27

asym_sam_1357_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

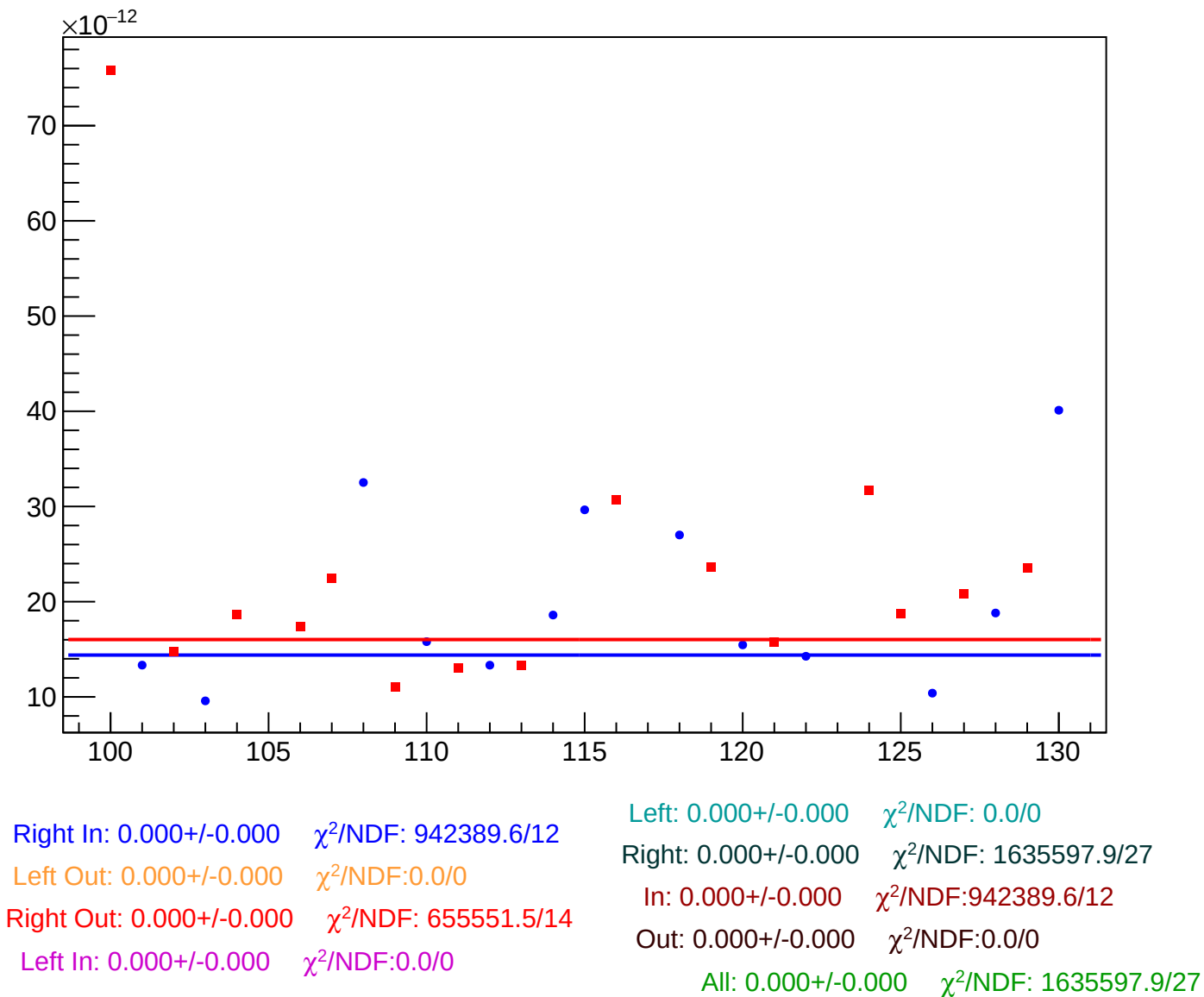
Right: 0.000+/-0.000 χ^2/NDF : 21.1/27

In: 0.000+/-0.000 χ^2/NDF : 7.1/12

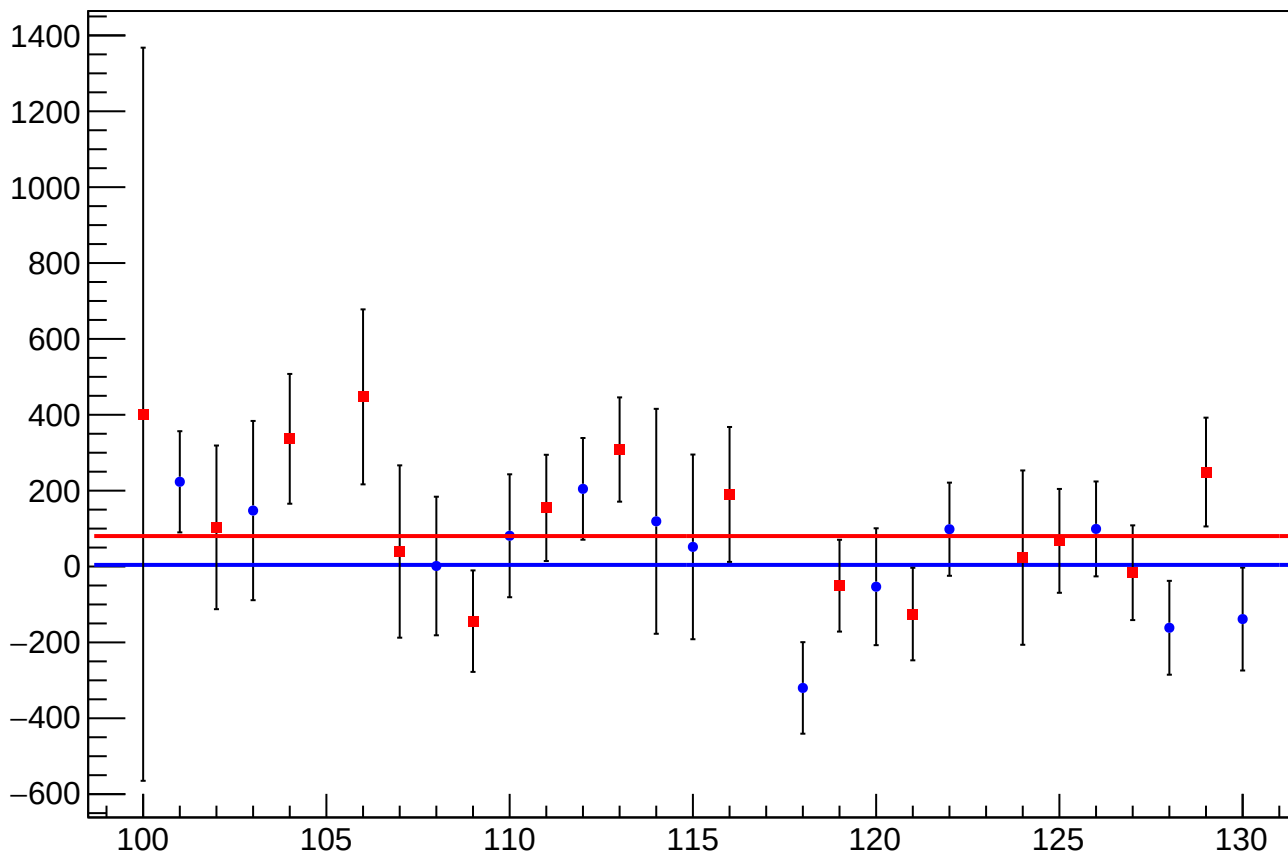
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.1/27

asym_sam_1357_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



reg_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 4.290 $\pm$ 41.277 χ^2 /NDF: 17.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 80.308 $\pm$ 40.589 χ^2 /NDF: 17.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

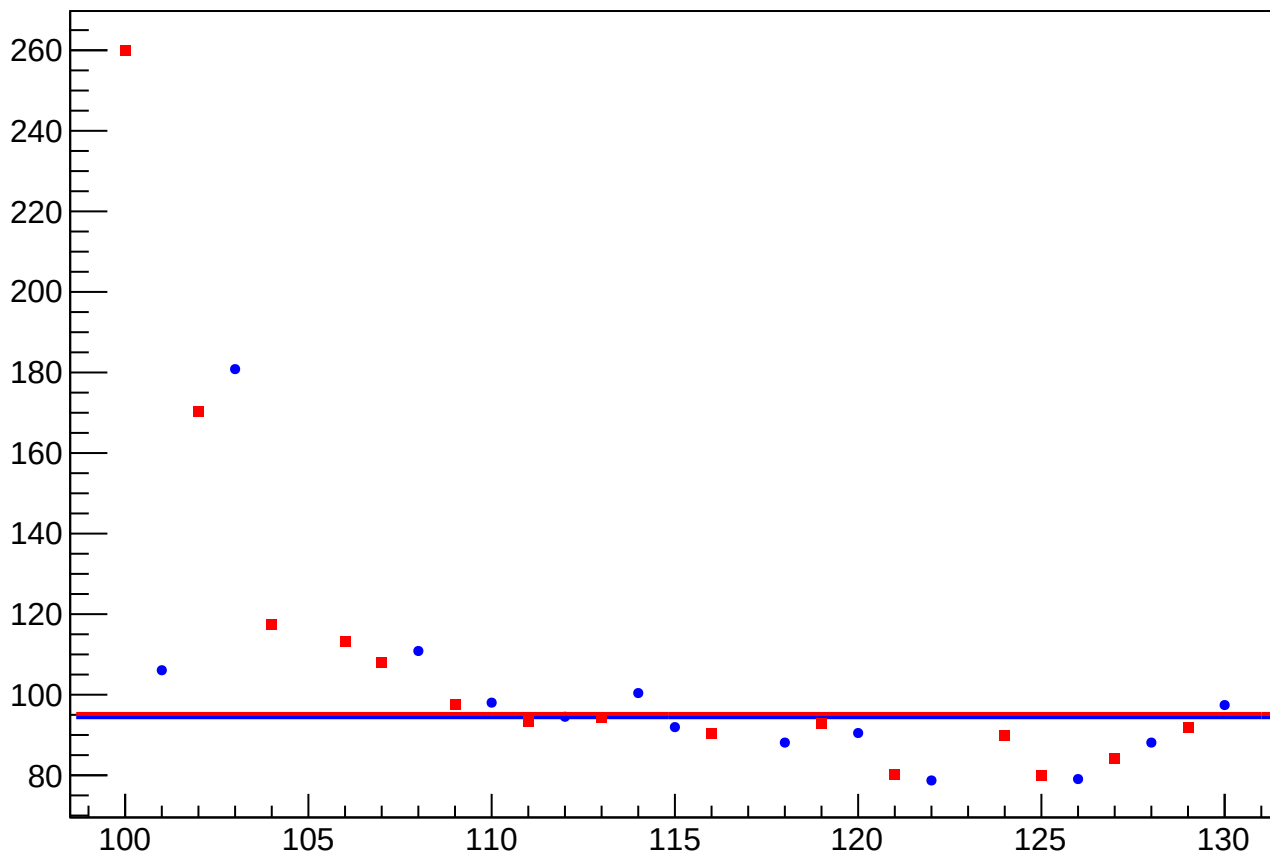
Right: 42.938 $\pm$ 28.941 χ^2 /NDF: 36.1/27

In: 4.290 $\pm$ 41.277 χ^2 /NDF:17.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 42.938 $\pm$ 28.941 χ^2 /NDF: 36.1/27

reg_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 94.413+/-0.029 χ^2/NDF : 376937.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.224+/-0.029 χ^2/NDF : 429043.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

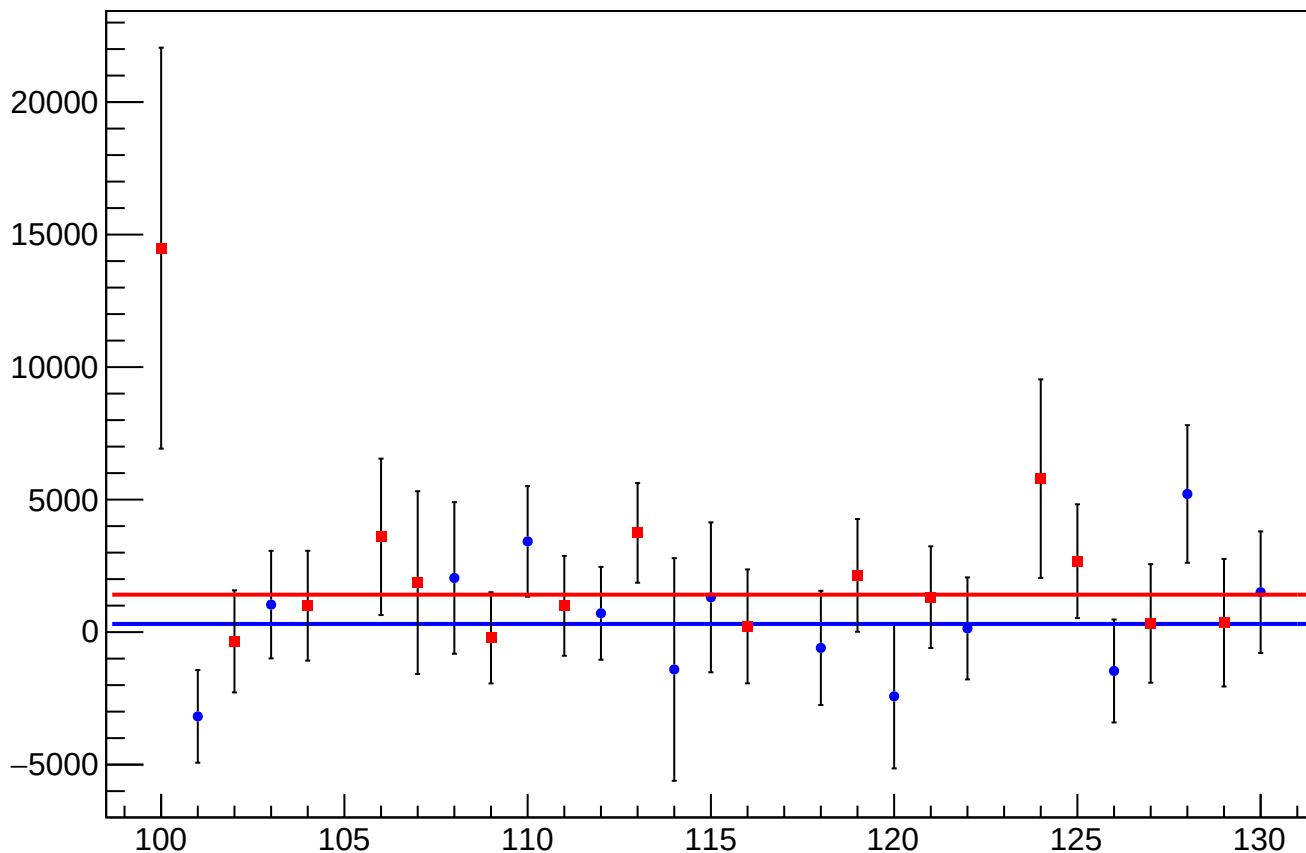
Right: 94.825+/-0.020 χ^2/NDF : 806373.2/27

In: 94.413+/-0.029 χ^2/NDF : 376937.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.825+/-0.020 χ^2/NDF : 806373.2/27

asym_sam_2468_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 308.281+/-613.846 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1412.975+/-578.134 χ^2/NDF : 9.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

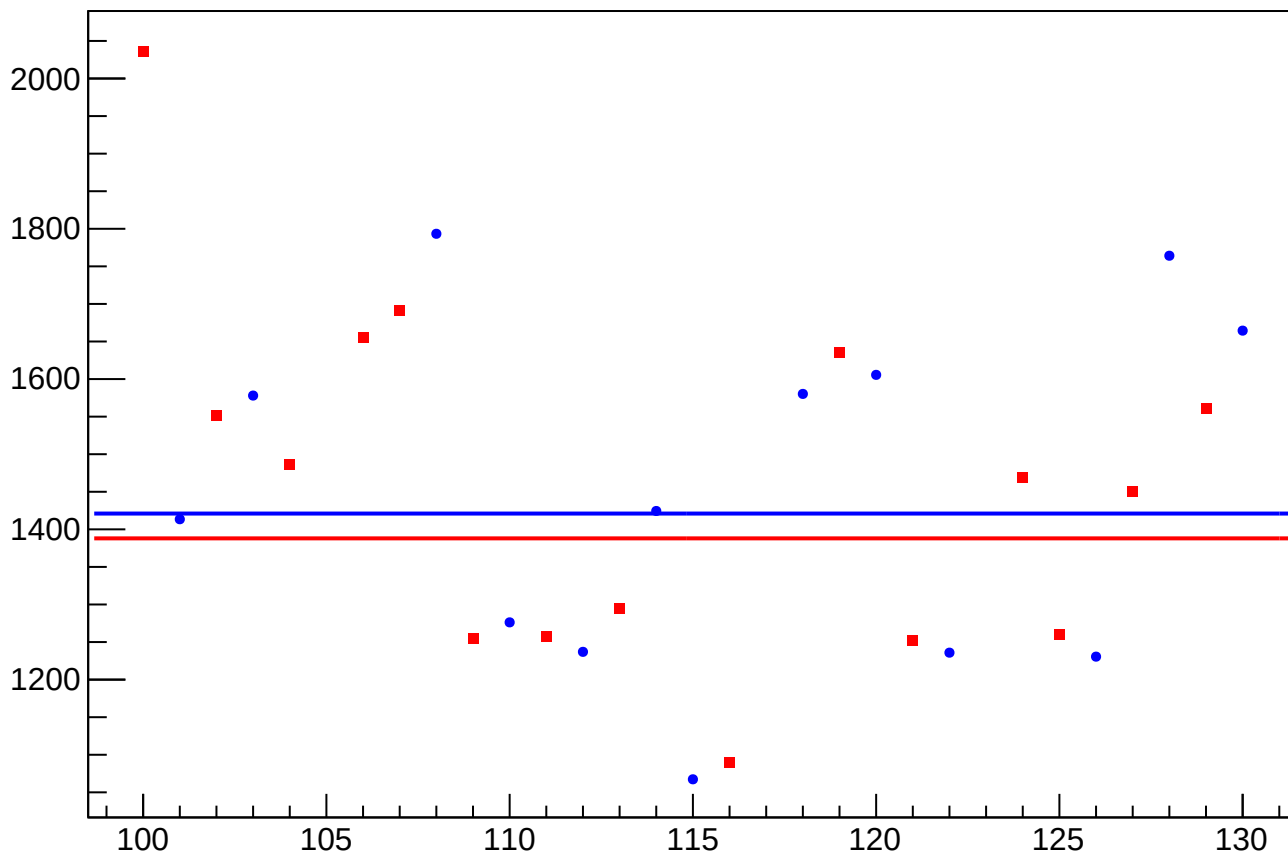
Right: 893.695+/-420.861 χ^2/NDF : 24.1/27

In: 308.281+/-613.846 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 893.695+/-420.861 χ^2/NDF : 24.1/27

asym_sam_2468_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1421.014+/-0.434 χ^2/NDF : 224264.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1387.992+/-0.409 χ^2/NDF : 187366.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

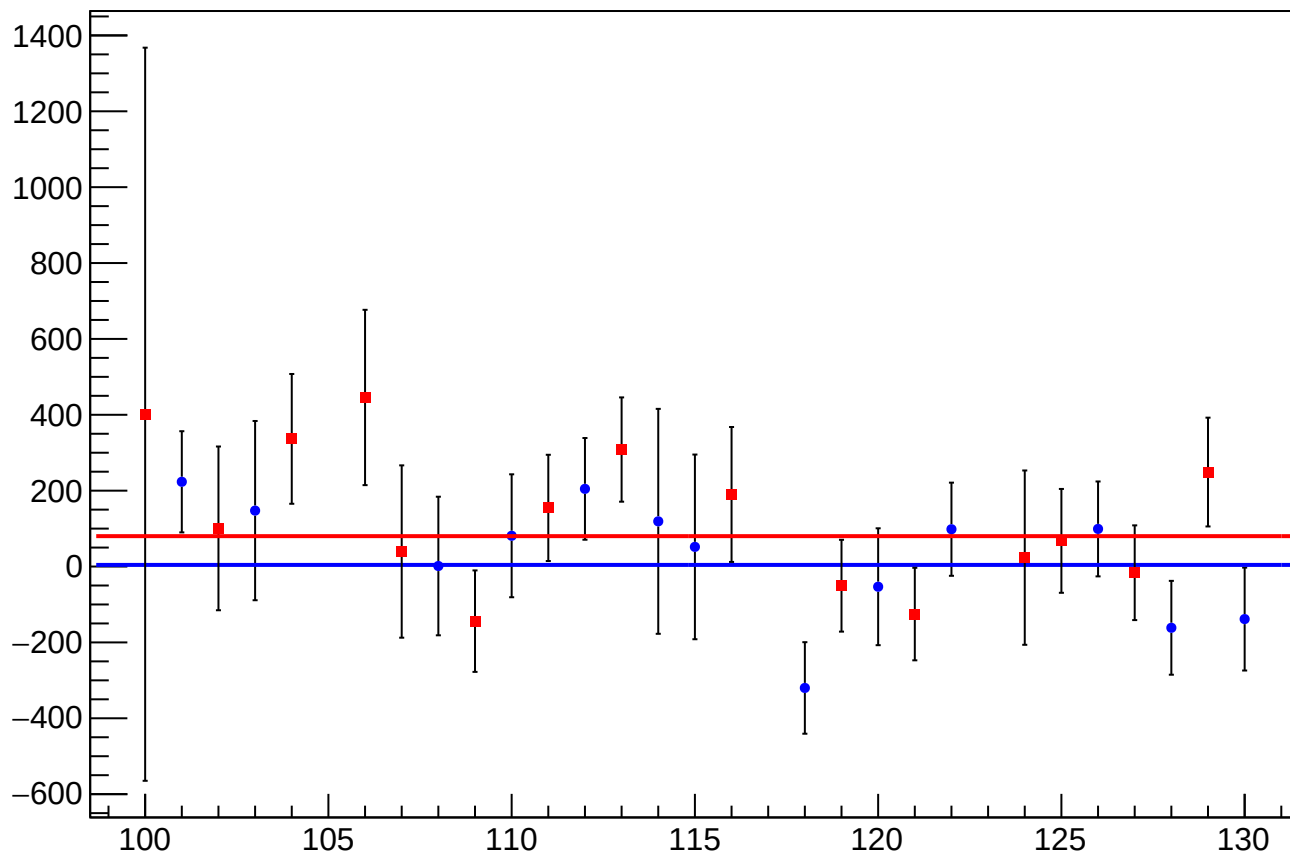
Right: 1403.515+/-0.298 χ^2/NDF : 414698.6/27

In: 1421.014+/-0.434 χ^2/NDF : 224264.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1403.515+/-0.298 χ^2/NDF : 414698.6/27

cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 4.278 $\pm$ 41.277 χ^2 /NDF: 17.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 80.111 $\pm$ 40.592 χ^2 /NDF: 17.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

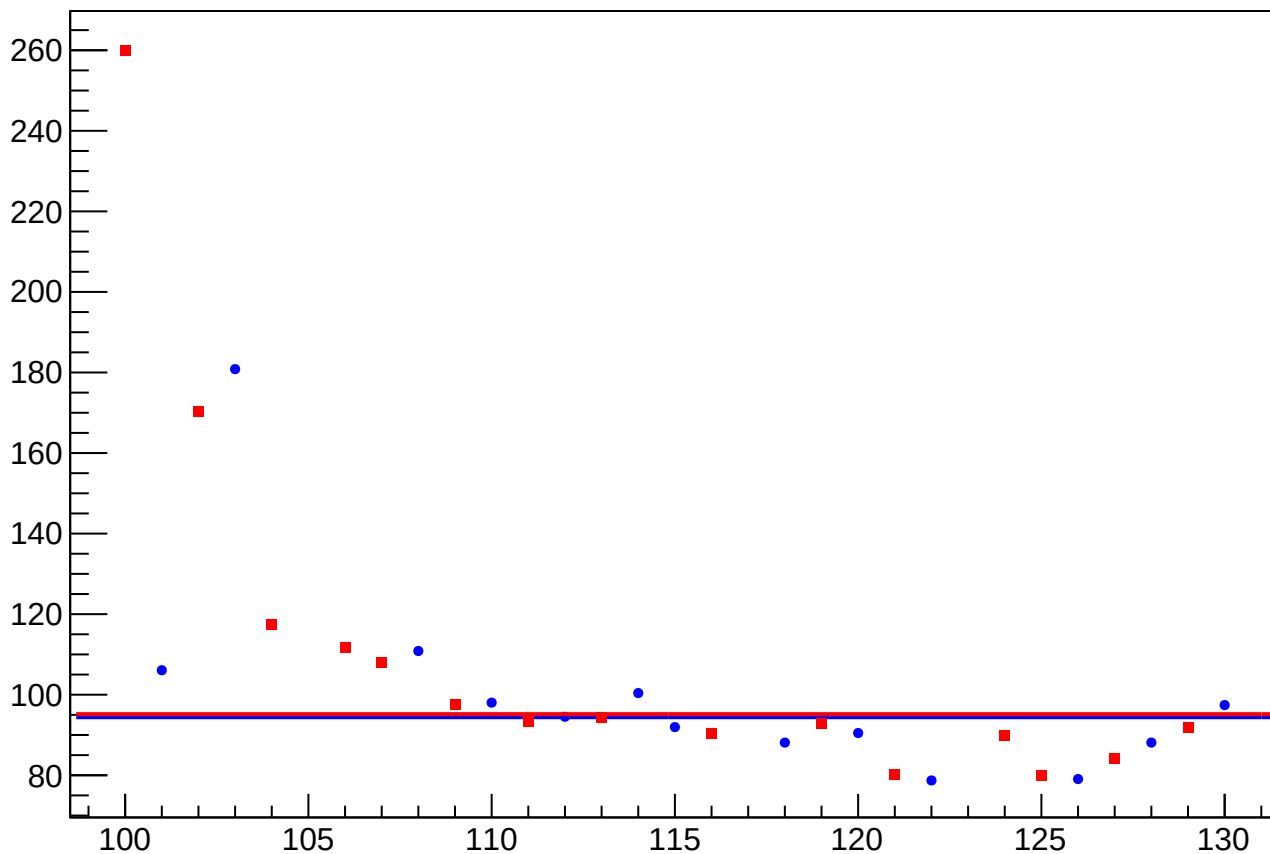
Right: 42.830 $\pm$ 28.942 χ^2 /NDF: 36.0/27

In: 4.278 $\pm$ 41.277 χ^2 /NDF:17.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 42.830 $\pm$ 28.942 χ^2 /NDF: 36.0/27

cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 94.413+/-0.029 χ^2/NDF : 376940.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.181+/-0.029 χ^2/NDF : 427595.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

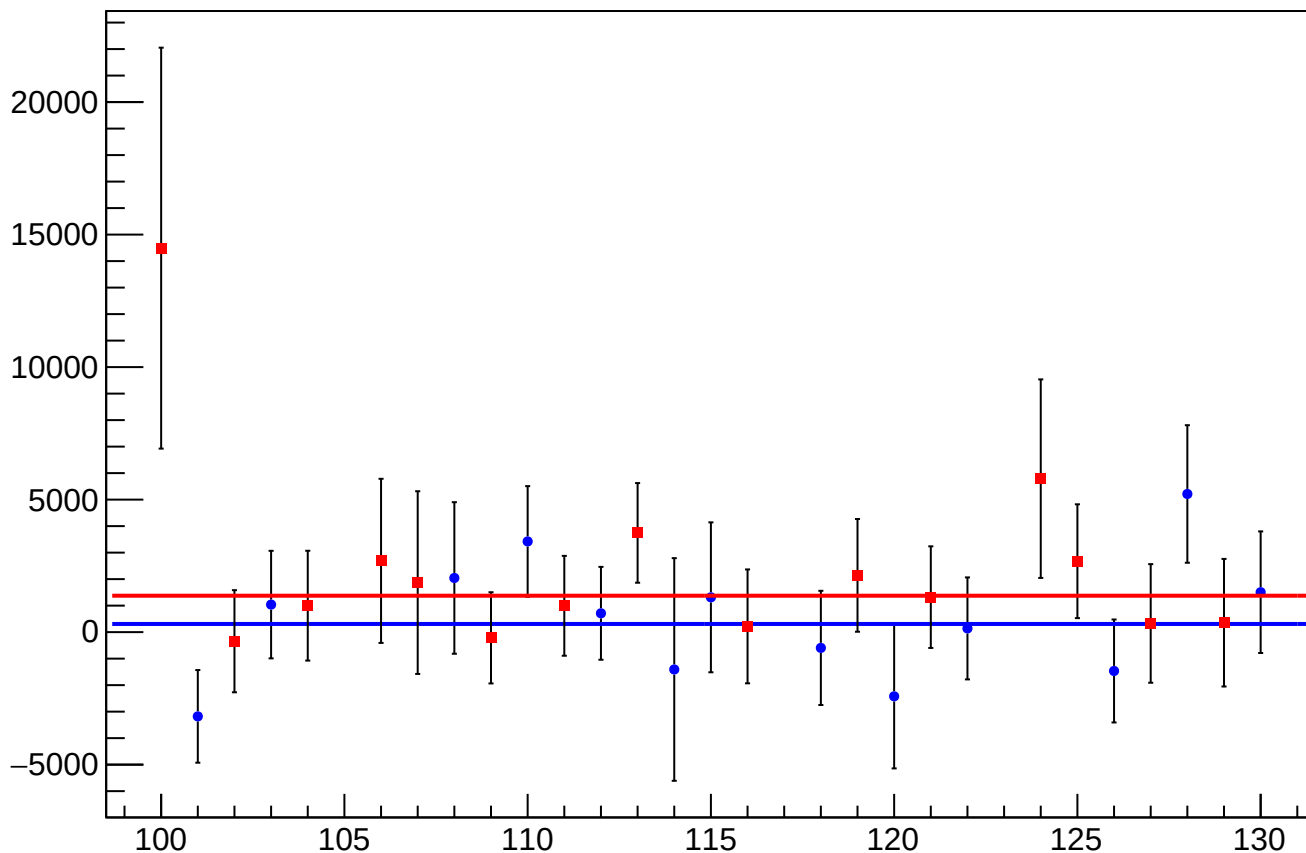
Right: 94.804+/-0.020 χ^2/NDF : 804888.8/27

In: 94.413+/-0.029 χ^2/NDF : 376940.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.804+/-0.020 χ^2/NDF : 804888.8/27

asym_sam_2468_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 308.344+/-613.850 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1374.393+/-579.189 χ^2/NDF : 9.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

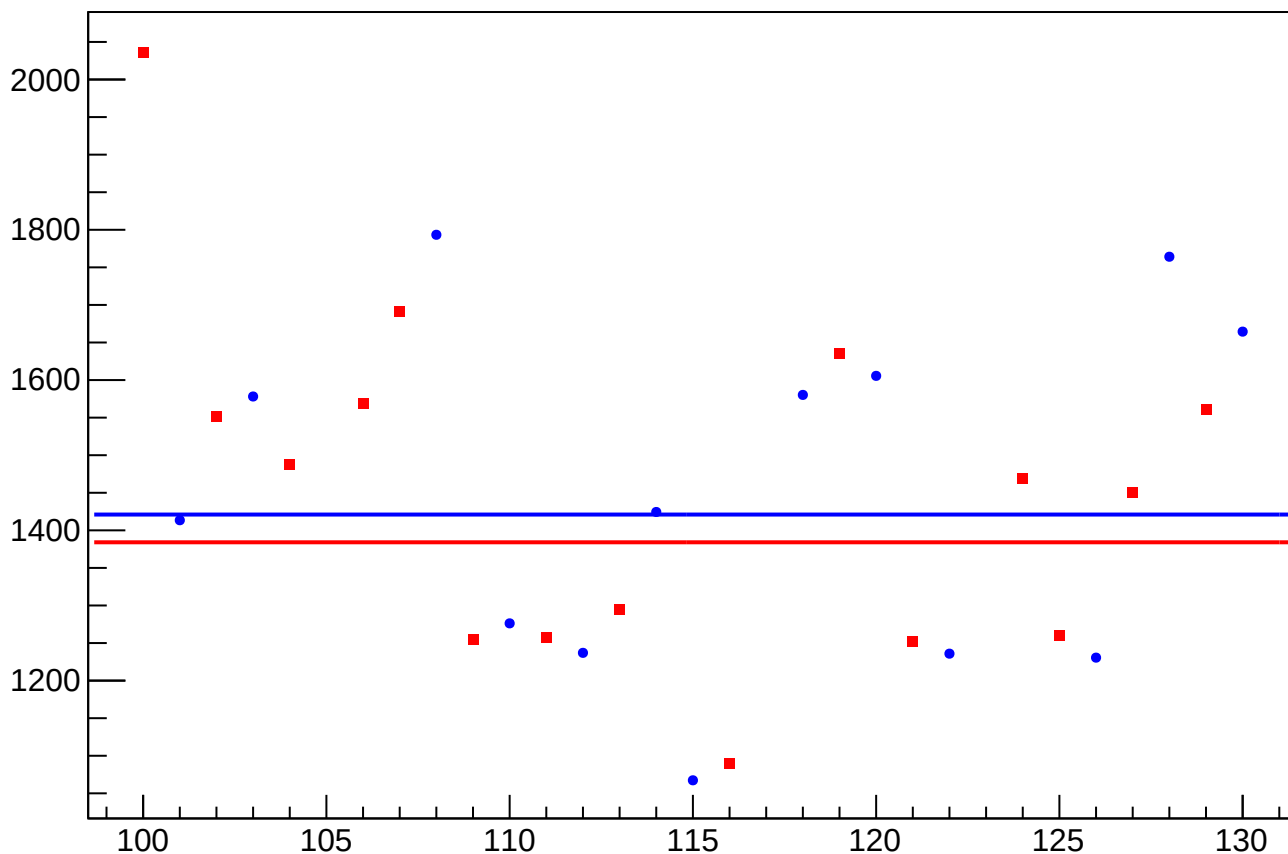
Right: 872.314+/-421.269 χ^2/NDF : 23.6/27

In: 308.344+/-613.850 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 872.314+/-421.269 χ^2/NDF : 23.6/27

asym_sam_2468_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1421.022+/-0.434 χ^2/NDF : 224280.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1384.096+/-0.410 χ^2/NDF : 177862.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

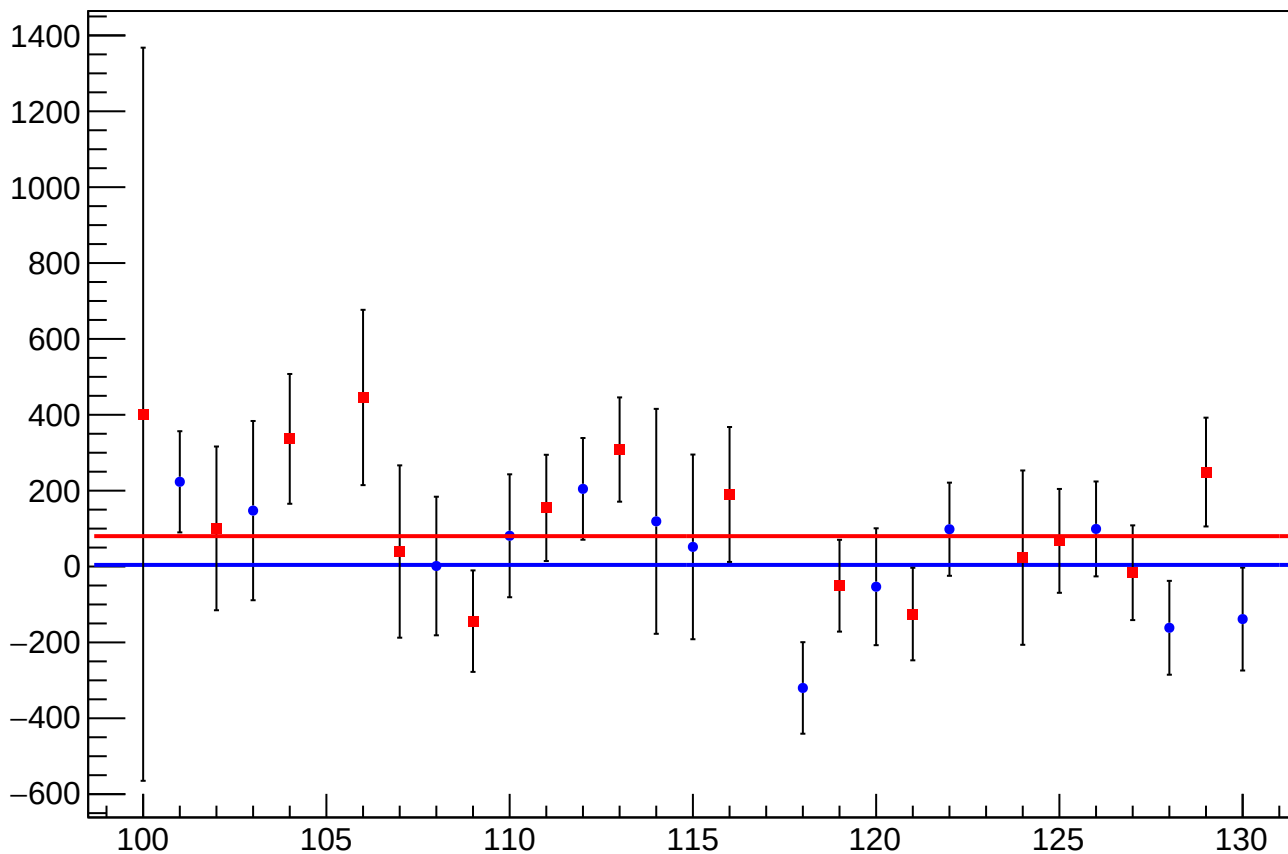
Right: 1401.487+/-0.298 χ^2/NDF : 405971.7/27

In: 1421.022+/-0.434 χ^2/NDF : 224280.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1401.487+/-0.298 χ^2/NDF : 405971.7/27

eigen_cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 4.278+/-41.277 χ^2/NDF : 17.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.111+/-40.592 χ^2/NDF : 17.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

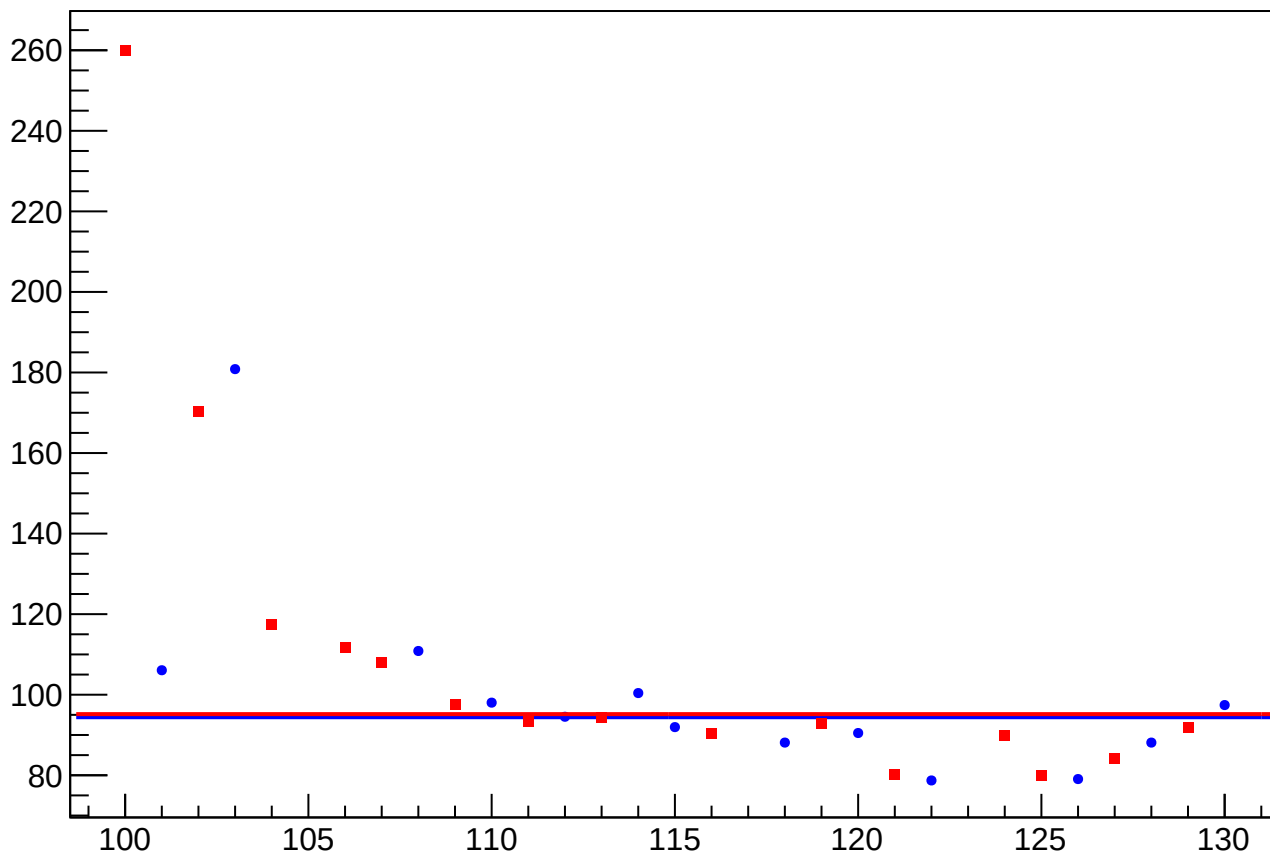
Right: 42.830+/-28.942 χ^2/NDF : 36.0/27

In: 4.278+/-41.277 χ^2/NDF : 17.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.830+/-28.942 χ^2/NDF : 36.0/27

eigen_cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 94.413+/-0.029 χ^2/NDF : 376940.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.181+/-0.029 χ^2/NDF : 427595.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

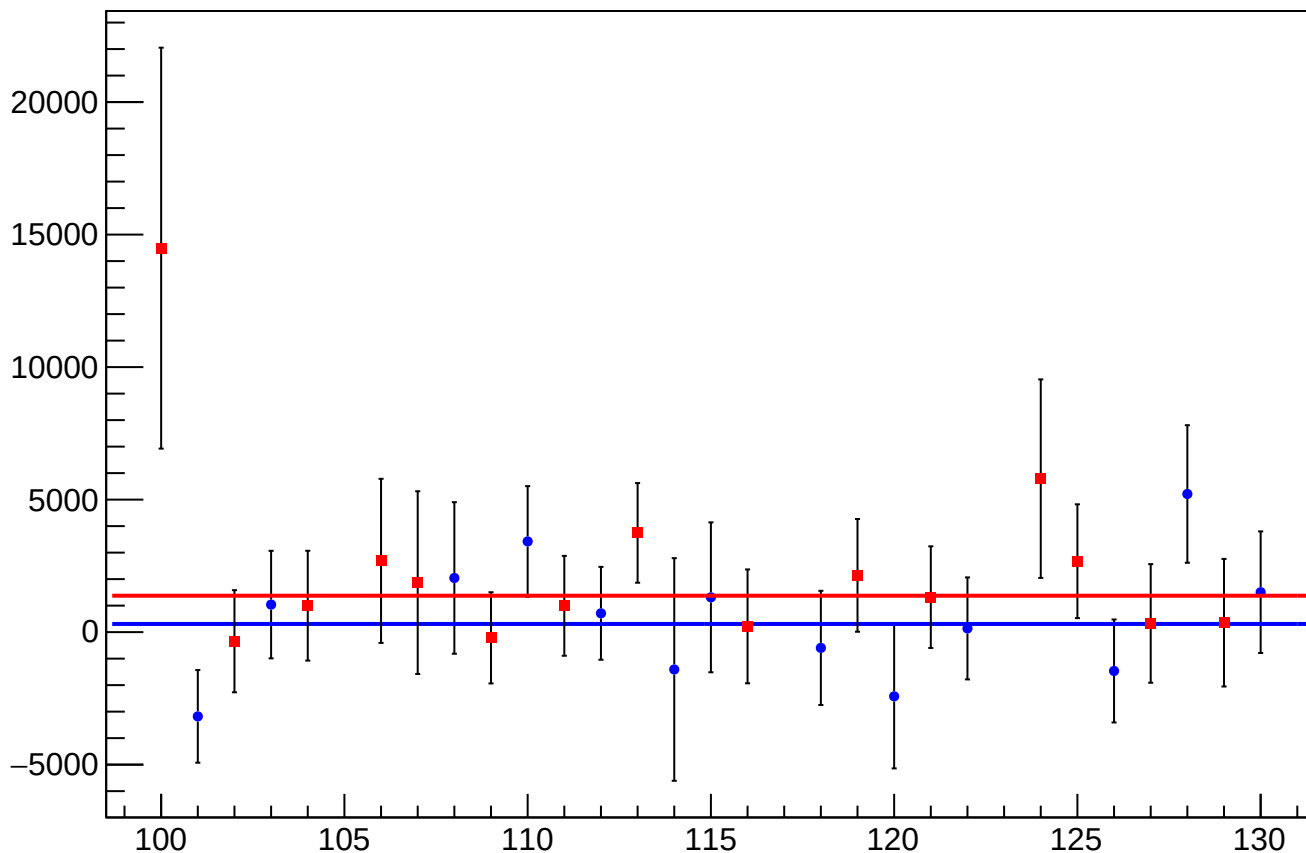
Right: 94.804+/-0.020 χ^2/NDF : 804888.8/27

In: 94.413+/-0.029 χ^2/NDF : 376940.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.804+/-0.020 χ^2/NDF : 804888.8/27

asym_sam_2468_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 308.344+/-613.850 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1374.393+/-579.189 χ^2/NDF : 9.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

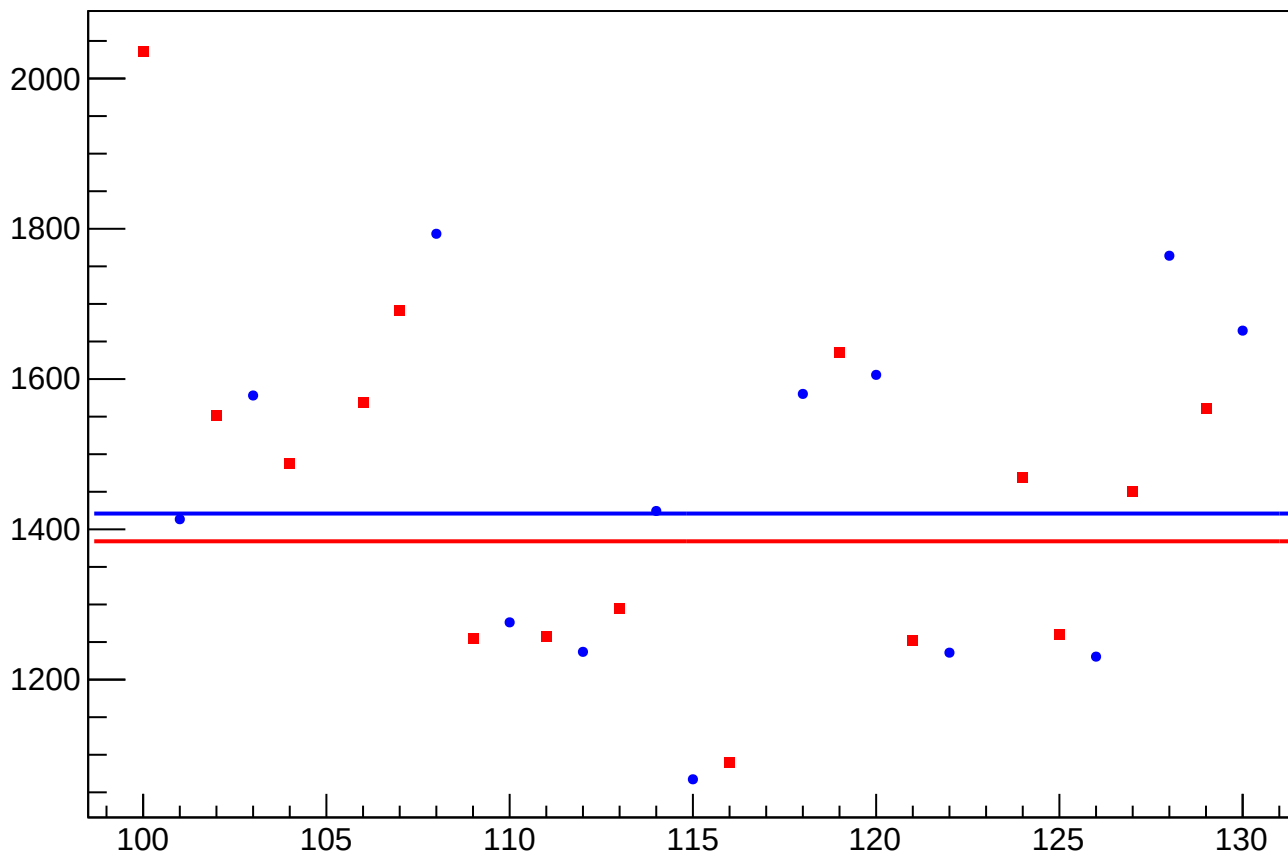
Right: 872.314+/-421.269 χ^2/NDF : 23.6/27

In: 308.344+/-613.850 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 872.314+/-421.269 χ^2/NDF : 23.6/27

asym_sam_2468_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1421.022+/-0.434 χ^2/NDF : 224280.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1384.096+/-0.410 χ^2/NDF : 177862.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

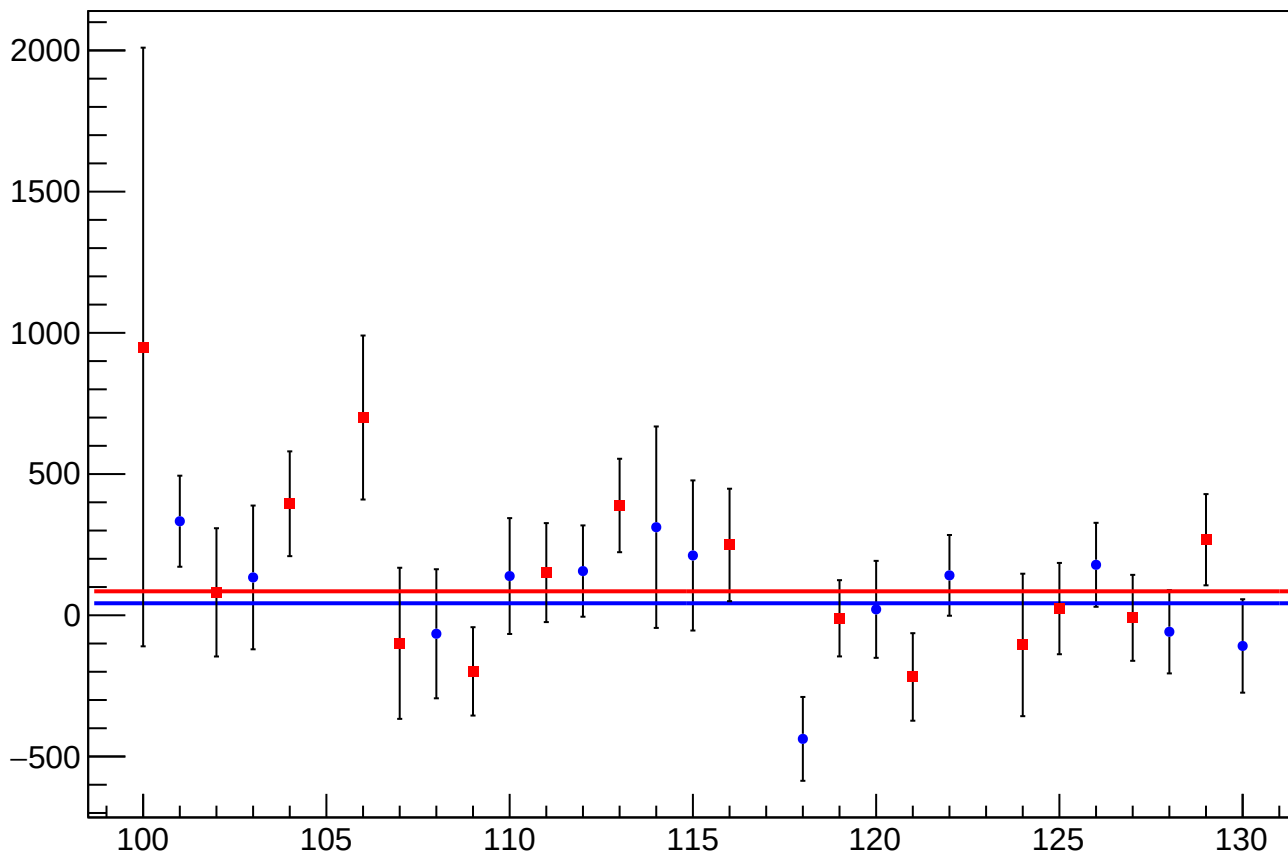
Right: 1401.487+/-0.298 χ^2/NDF : 405971.7/27

In: 1421.022+/-0.434 χ^2/NDF : 224280.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1401.487+/-0.298 χ^2/NDF : 405971.7/27

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 42.542 $\pm$ 49.197 χ^2 /NDF: 18.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 84.879 $\pm$ 47.544 χ^2 /NDF: 22.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

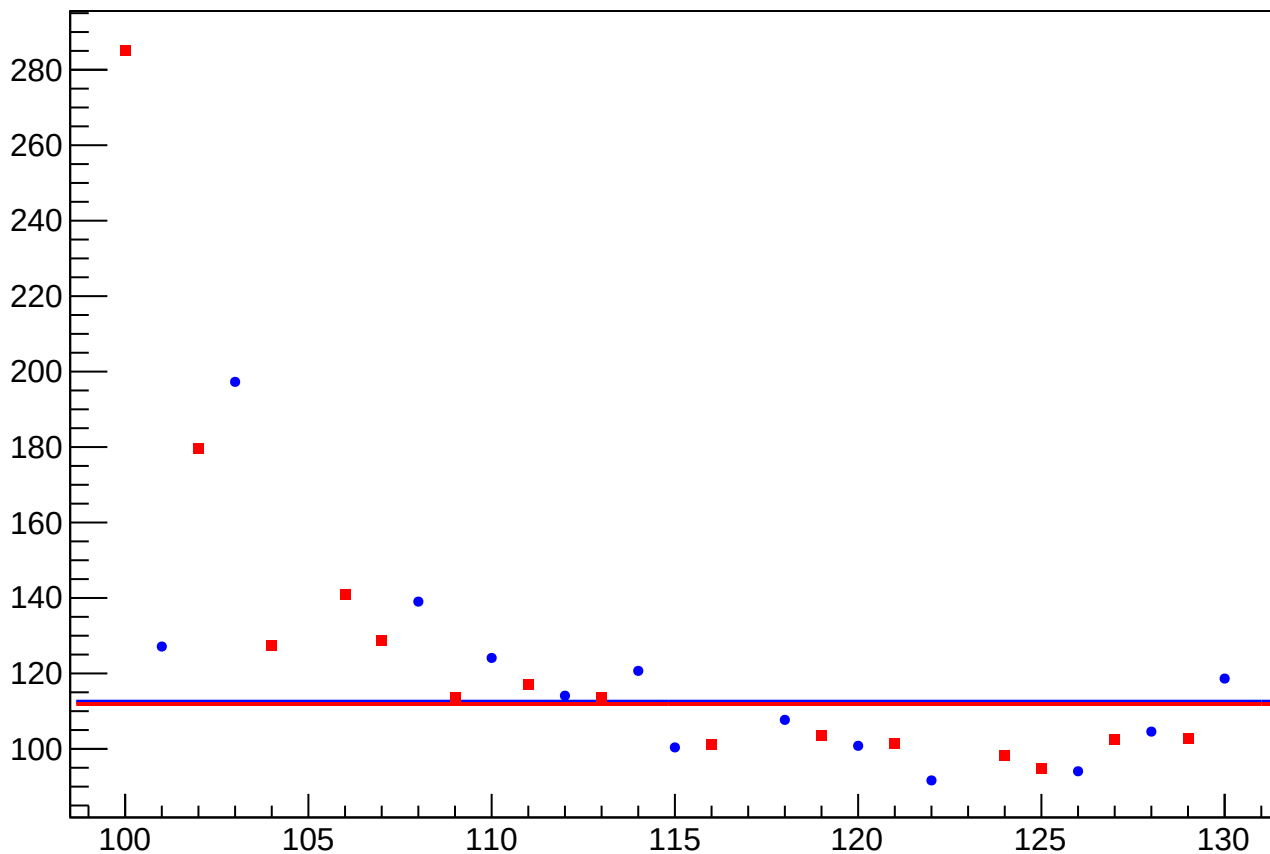
Right: 64.434 $\pm$ 34.188 χ^2 /NDF: 41.4/27

In: 42.542 $\pm$ 49.197 χ^2 /NDF:18.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 64.434 $\pm$ 34.188 χ^2 /NDF: 41.4/27

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 112.506+/-0.035 χ^2/NDF : 370401.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.906+/-0.034 χ^2/NDF : 341023.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

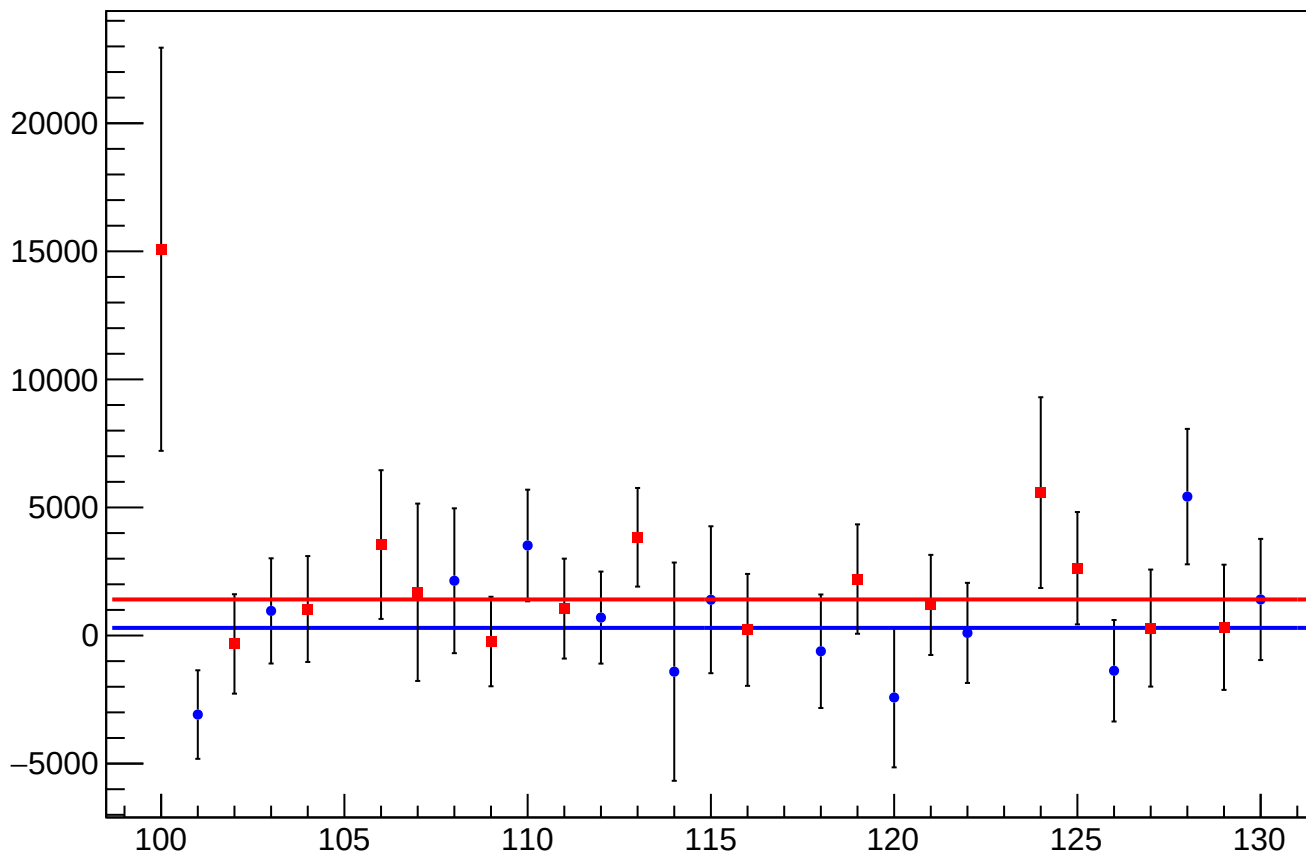
Right: 112.195+/-0.024 χ^2/NDF : 711579.2/27

In: 112.506+/-0.035 χ^2/NDF : 370401.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.195+/-0.024 χ^2/NDF : 711579.2/27

asym_sam_2468_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 298.248 $\pm$ 623.751 χ^2 /NDF: 12.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1408.640 $\pm$ 586.453 χ^2 /NDF: 9.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

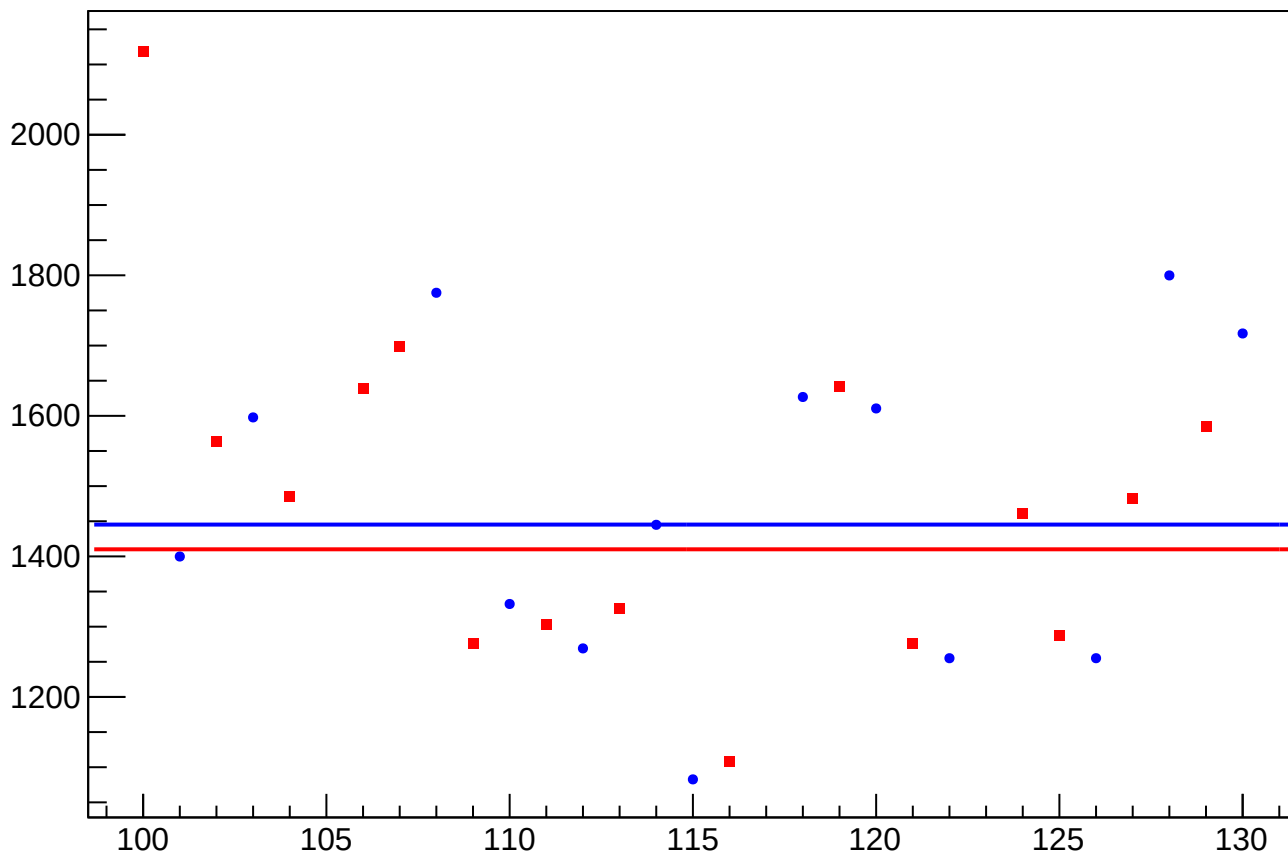
Right: 887.633 $\pm$ 427.263 χ^2 /NDF: 23.8/27

In: 298.248 $\pm$ 623.751 χ^2 /NDF:12.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 887.633 $\pm$ 427.263 χ^2 /NDF: 23.8/27

asym_sam_2468_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1445.273+/-0.441 χ^2 /NDF: 216709.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1410.086+/-0.415 χ^2 /NDF: 169052.7/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

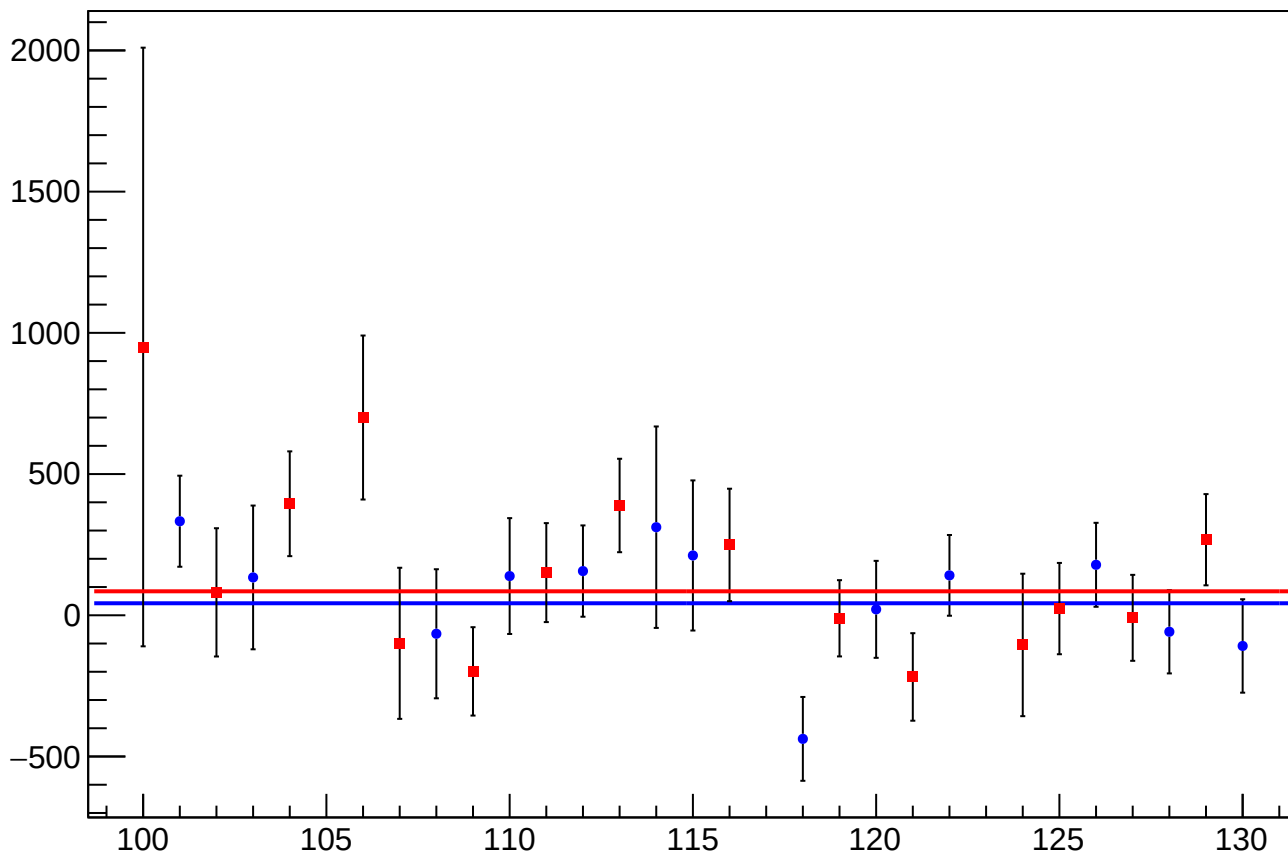
Right: 1426.596+/-0.302 χ^2 /NDF: 389140.1/27

In: 1445.273+/-0.441 χ^2 /NDF:216709.2/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1426.596+/-0.302 χ^2 /NDF: 389140.1/27

eigen_dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 42.540+/-49.197 χ^2/NDF : 18.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 84.877+/-47.544 χ^2/NDF : 22.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

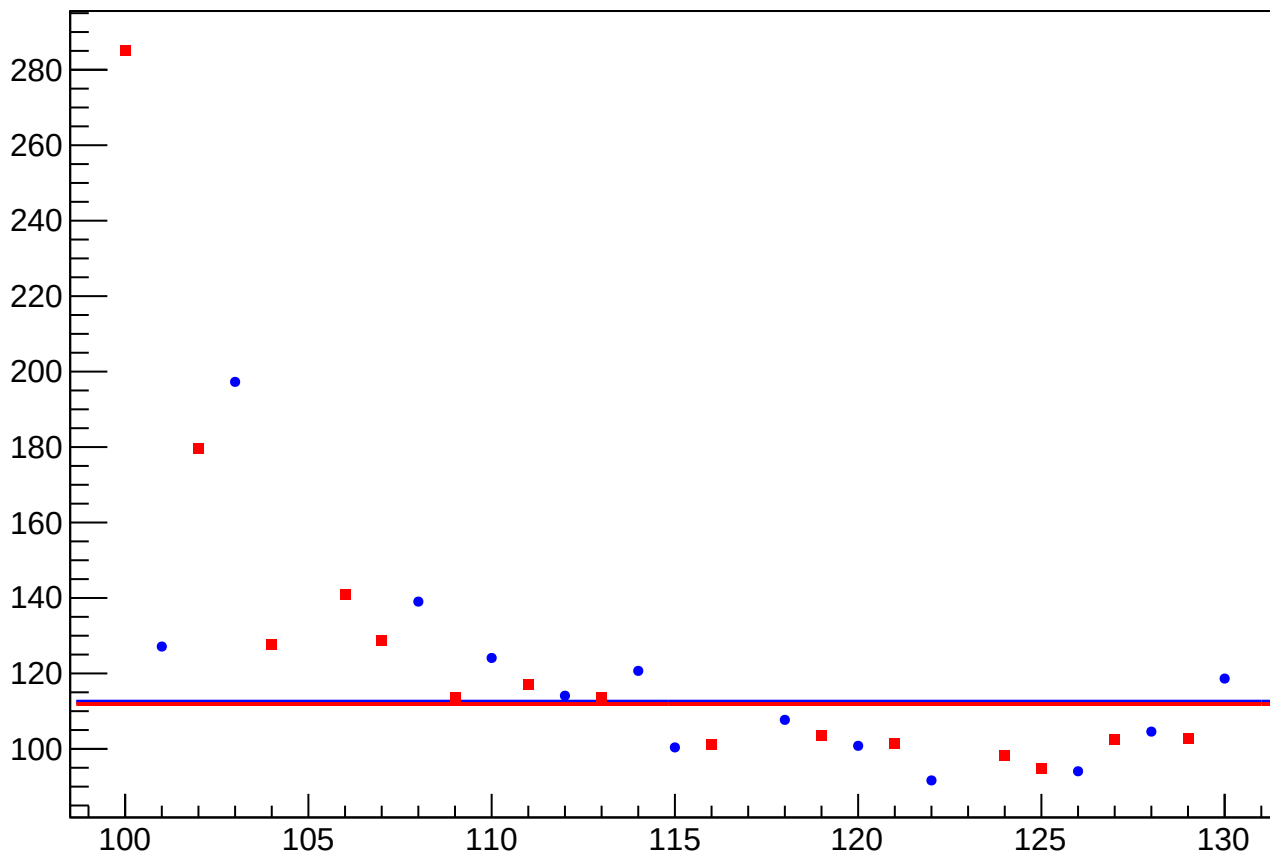
Right: 64.431+/-34.188 χ^2/NDF : 41.4/27

In: 42.540+/-49.197 χ^2/NDF :18.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 64.431+/-34.188 χ^2/NDF : 41.4/27

eigen_dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 112.505+/-0.035 χ^2/NDF : 370396.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.905+/-0.034 χ^2/NDF : 341023.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

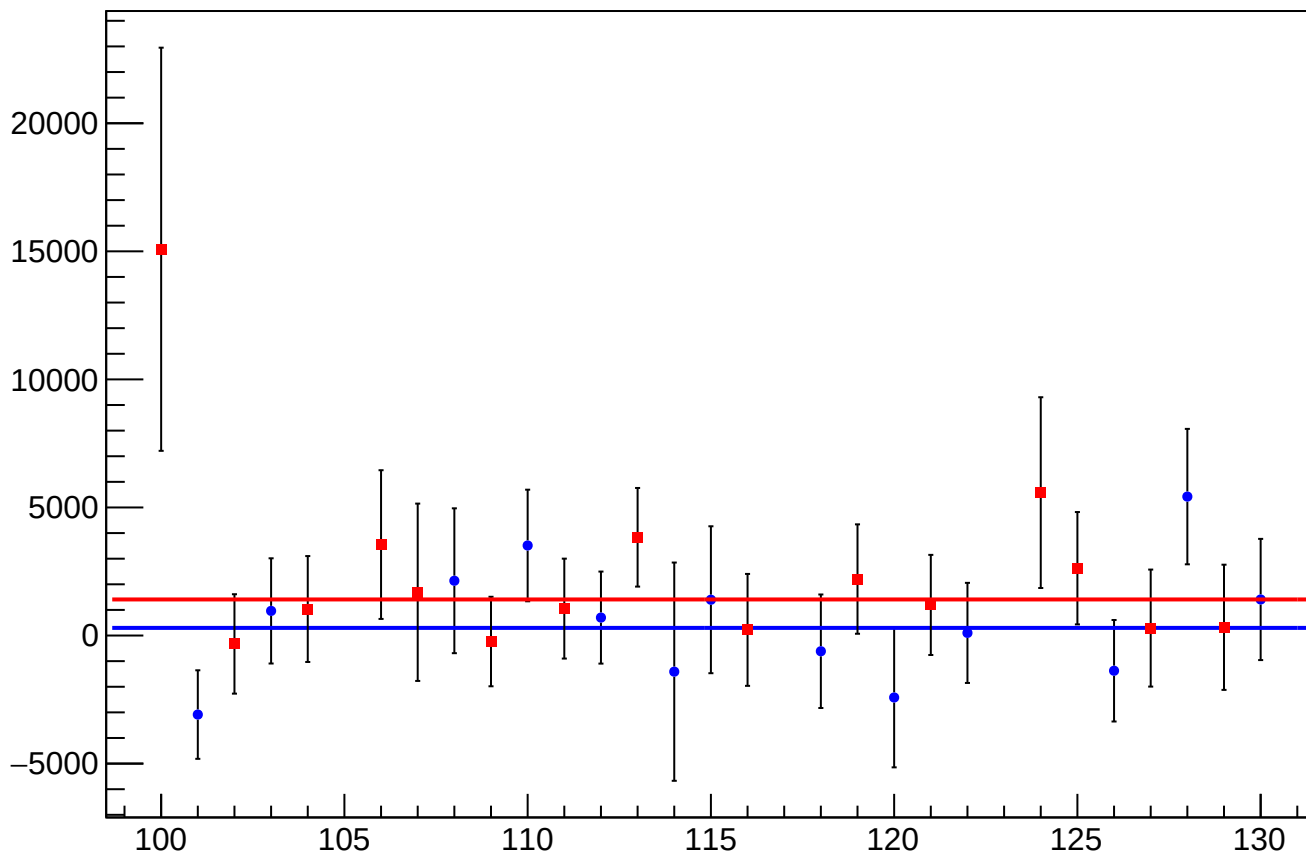
Right: 112.194+/-0.024 χ^2/NDF : 711573.6/27

In: 112.505+/-0.035 χ^2/NDF : 370396.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.194+/-0.024 χ^2/NDF : 711573.6/27

asym_sam_2468_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 298.251+/-623.750 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1408.636+/-586.452 χ^2/NDF : 9.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

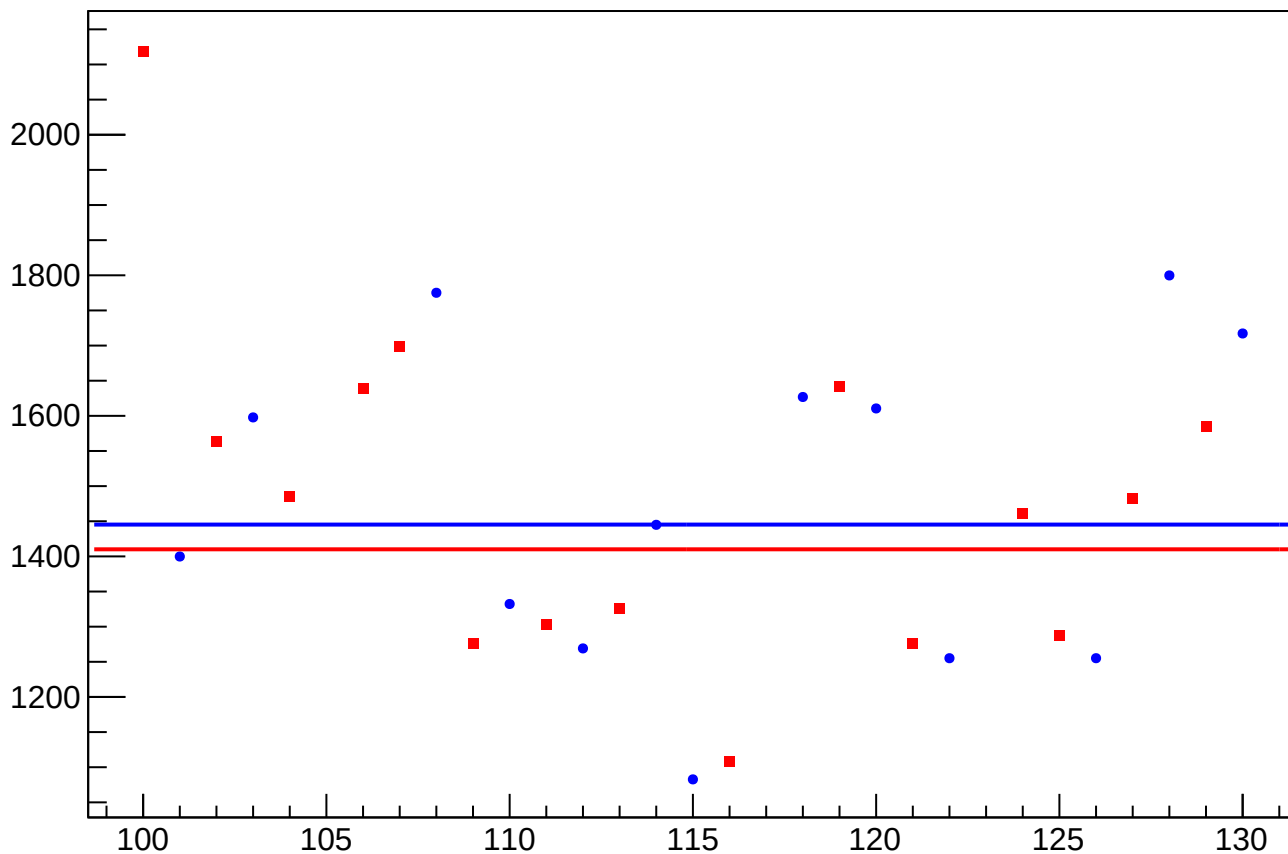
Right: 887.633+/-427.262 χ^2/NDF : 23.8/27

In: 298.251+/-623.750 χ^2/NDF : 12.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 887.633+/-427.262 χ^2/NDF : 23.8/27

asym_sam_2468_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1445.269+/-0.441 χ^2 /NDF: 216709.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1410.083+/-0.415 χ^2 /NDF: 169053.4/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

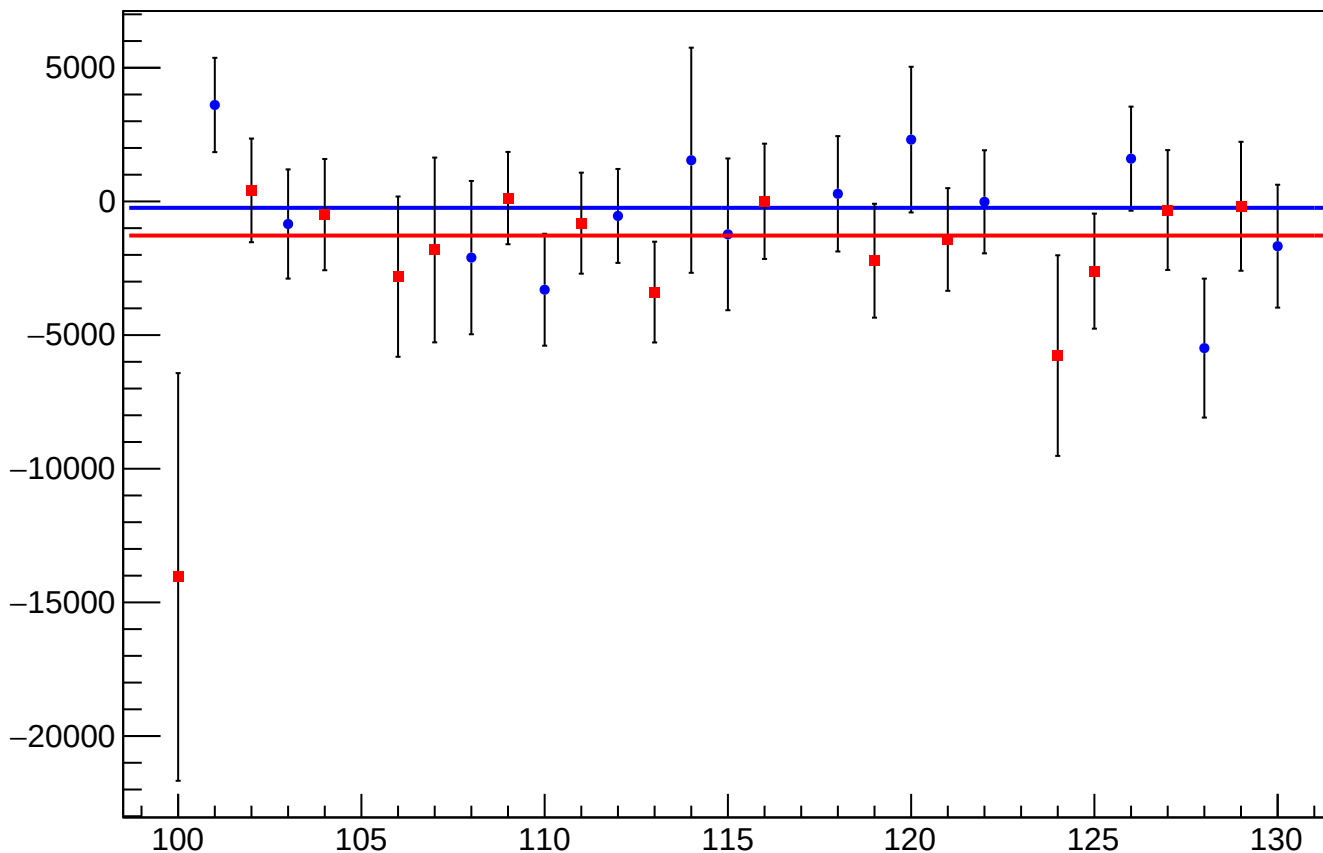
Right: 1426.592+/-0.302 χ^2 /NDF: 389140.8/27

In: 1445.269+/-0.441 χ^2 /NDF:216709.2/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1426.592+/-0.302 χ^2 /NDF: 389140.8/27

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: -239.804+/-616.110 χ^2/NDF : 14.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1276.695+/-580.252 χ^2/NDF : 8.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

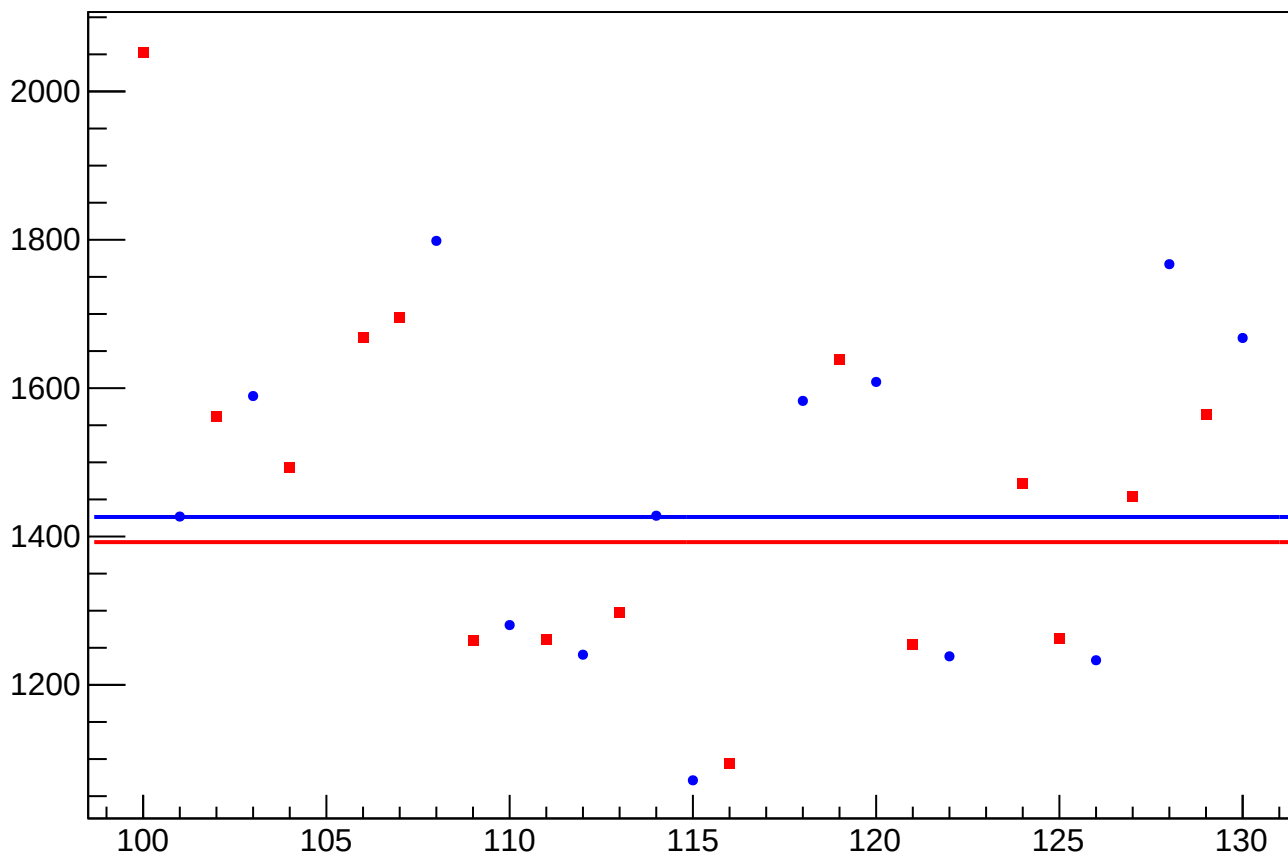
Right: -789.300+/-422.408 χ^2/NDF : 24.3/27

In: -239.804+/-616.110 χ^2/NDF : 14.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -789.300+/-422.408 χ^2/NDF : 24.3/27

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1426.334+/-0.436 χ^2/NDF : 224252.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1392.457+/-0.410 χ^2/NDF : 188767.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

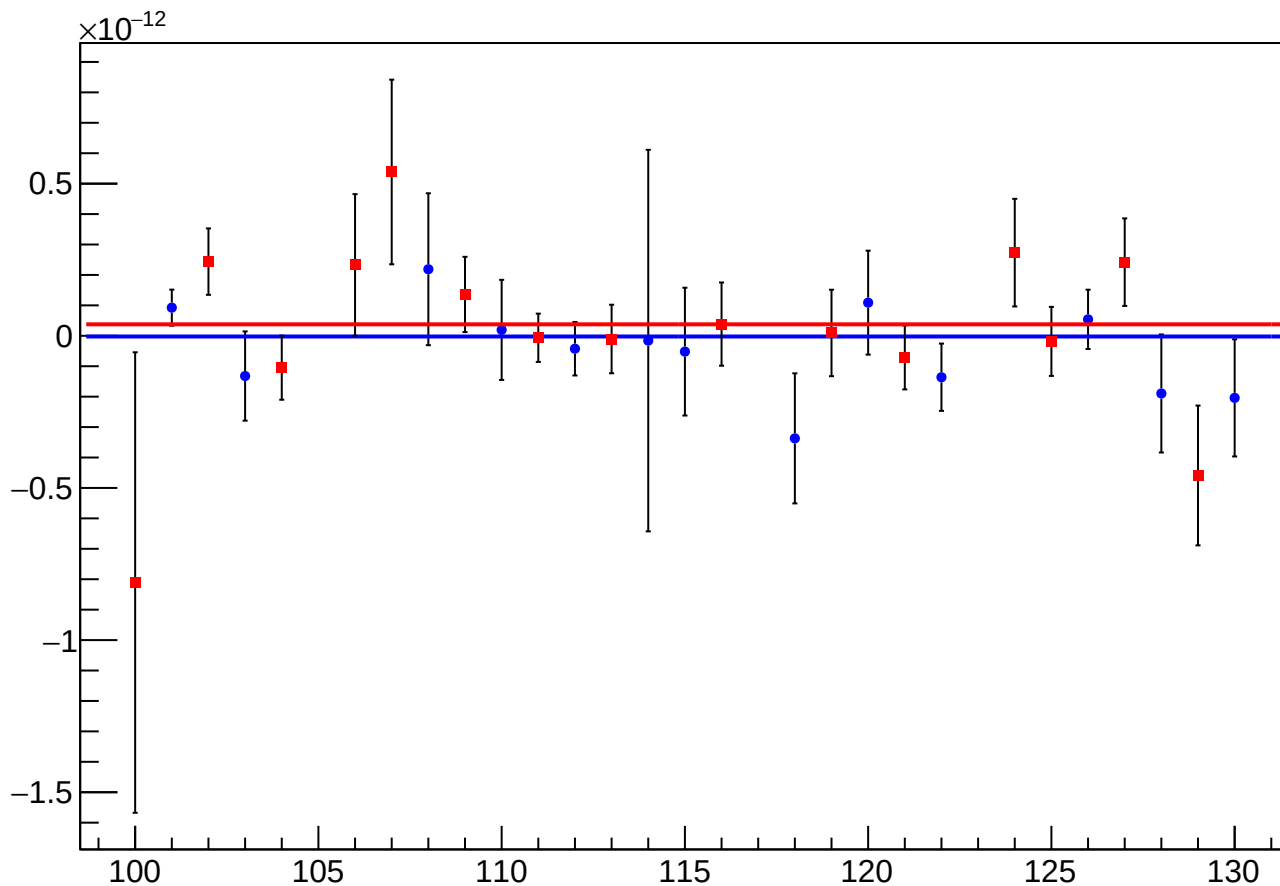
Right: 1408.381+/-0.299 χ^2/NDF : 416224.9/27

In: 1426.334+/-0.436 χ^2/NDF : 224252.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1408.381+/-0.299 χ^2/NDF : 416224.9/27

asym_sam_2468_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 21.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

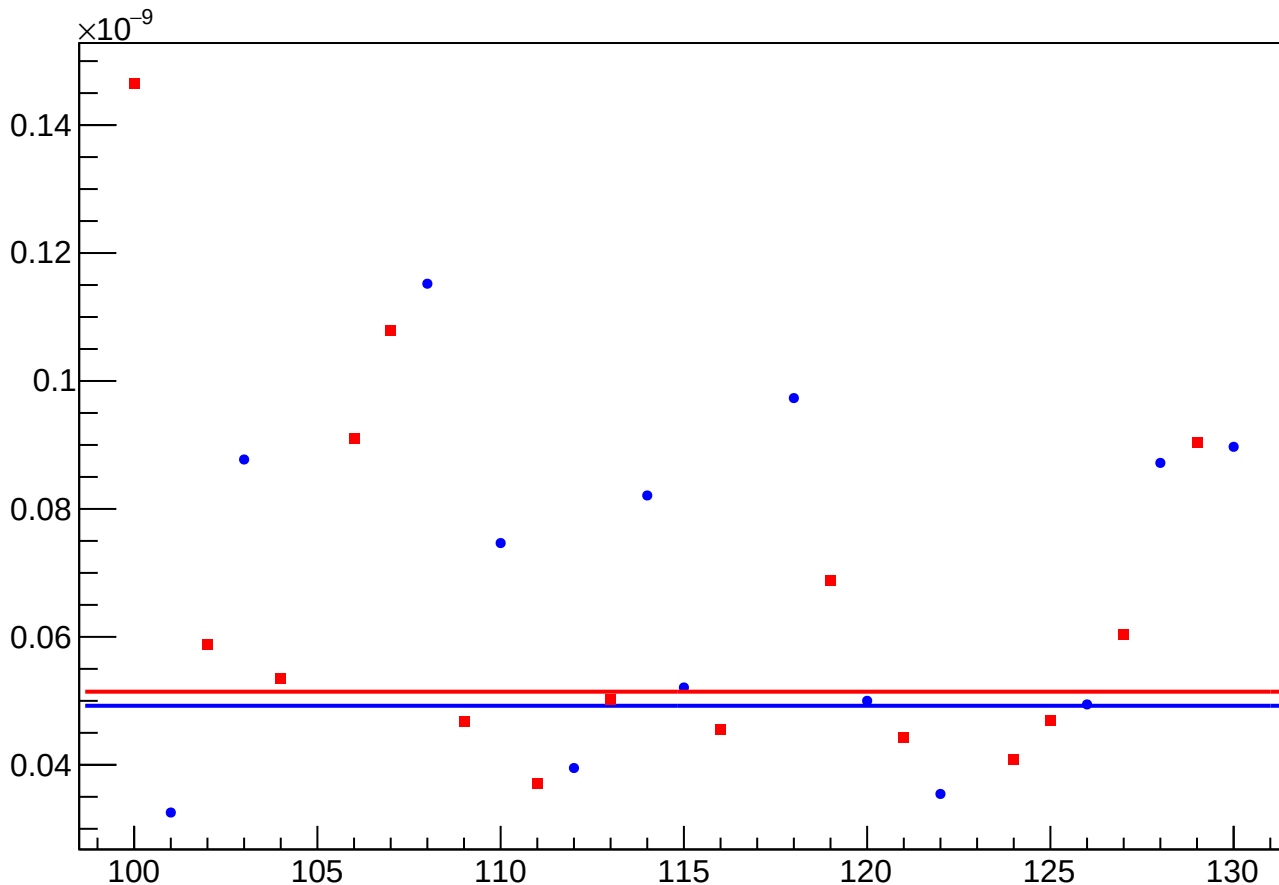
Right: 0.000+/-0.000 χ^2/NDF : 32.8/27

In: -0.000+/-0.000 χ^2/NDF : 11.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 32.8/27

asym_sam_2468_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 811688.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 354768.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

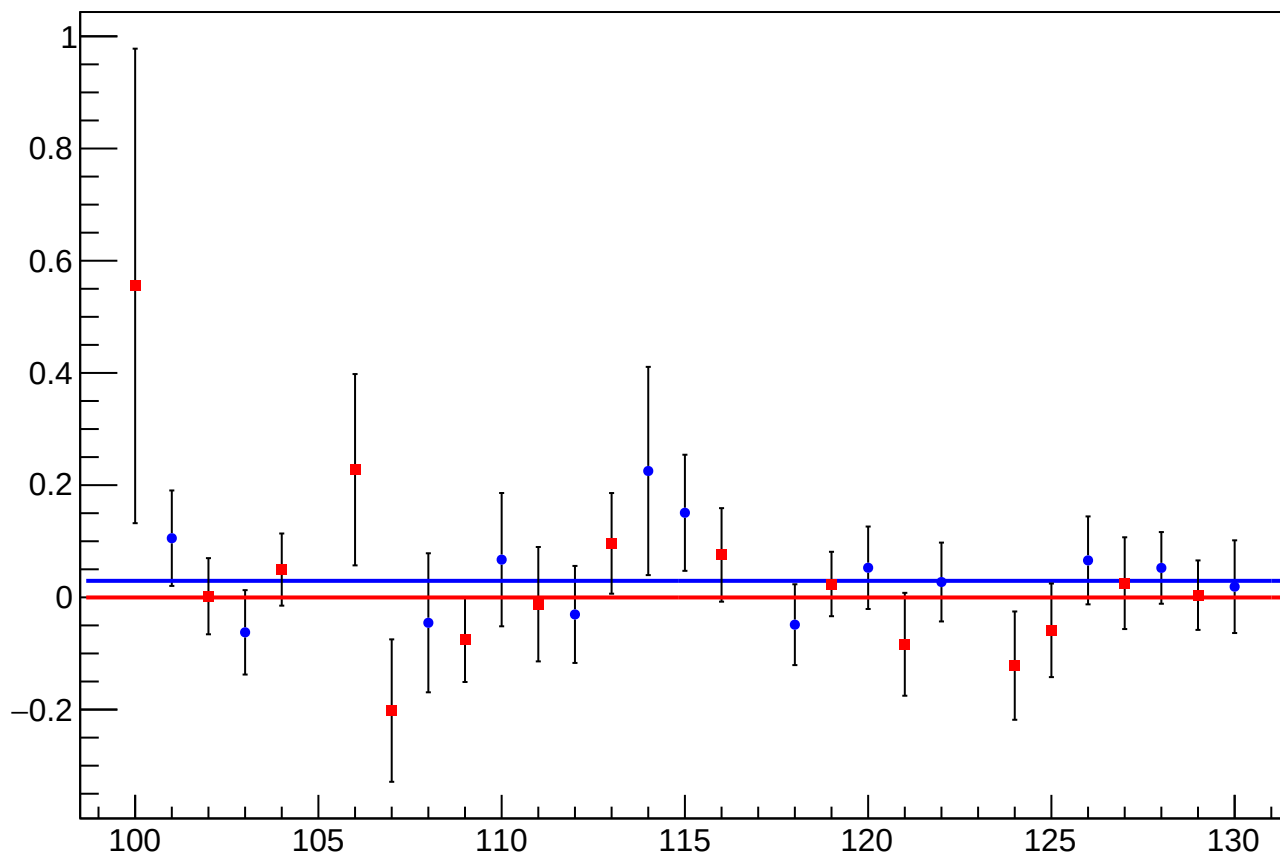
Right: 0.000+/-0.000 χ^2/NDF : 1170608.0/27

In: 0.000+/-0.000 χ^2/NDF : 811688.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1170608.0/27

asym_sam_2468_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.029+/-0.023 χ^2/NDF : 7.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.021 χ^2/NDF : 12.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

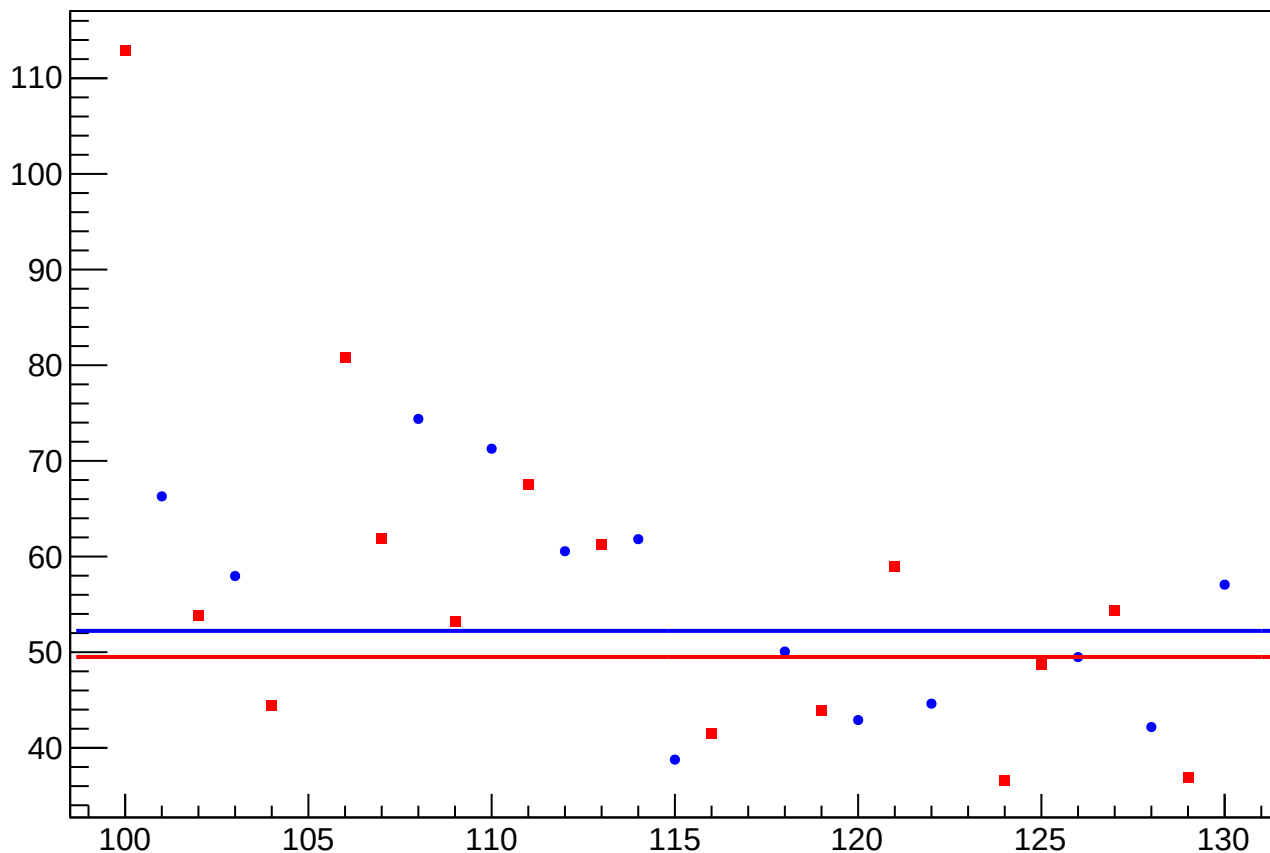
Right: 0.013+/-0.016 χ^2/NDF : 21.1/27

In: 0.029+/-0.023 χ^2/NDF : 7.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.016 χ^2/NDF : 21.1/27

asym_sam_2468_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.228+/-0.016 χ^2/NDF : 355597.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.501+/-0.015 χ^2/NDF : 438884.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

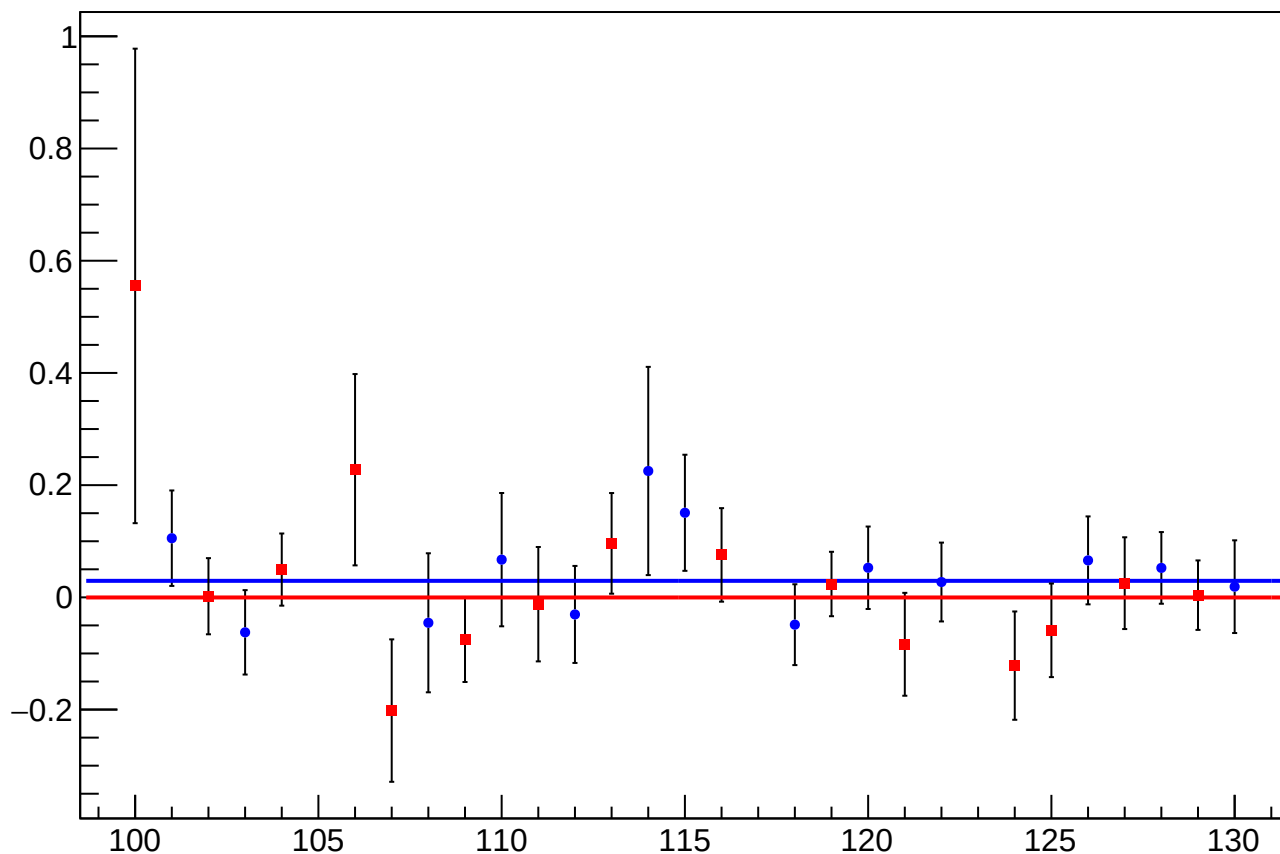
Right: 50.748+/-0.011 χ^2/NDF : 809349.8/27

In: 52.228+/-0.016 χ^2/NDF : 355597.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.748+/-0.011 χ^2/NDF : 809349.8/27

asym_sam_2468_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.029+/-0.023 χ^2/NDF : 7.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.021 χ^2/NDF : 12.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

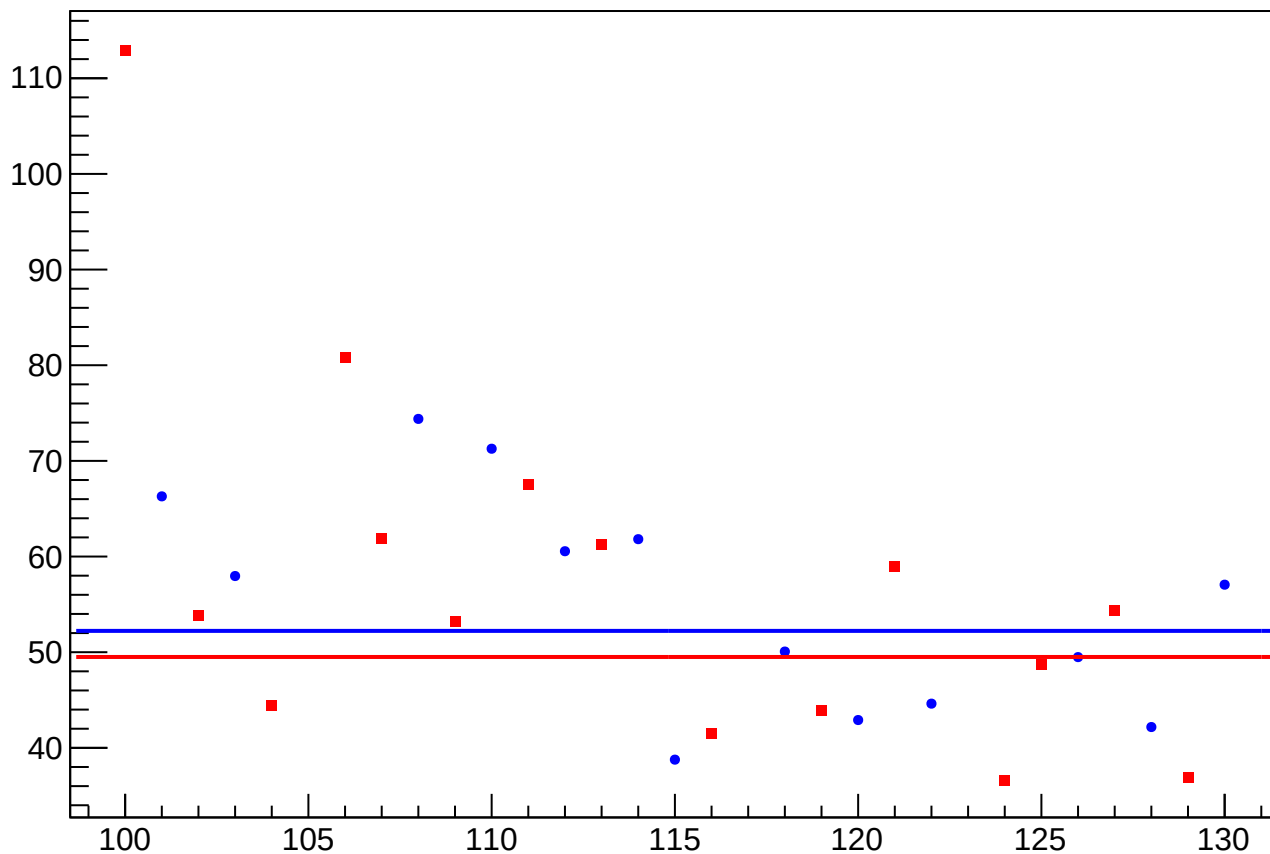
Right: 0.013+/-0.016 χ^2/NDF : 21.1/27

In: 0.029+/-0.023 χ^2/NDF : 7.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.016 χ^2/NDF : 21.1/27

asym_sam_2468_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.228+/-0.016 χ^2/NDF : 355597.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.501+/-0.015 χ^2/NDF : 438884.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

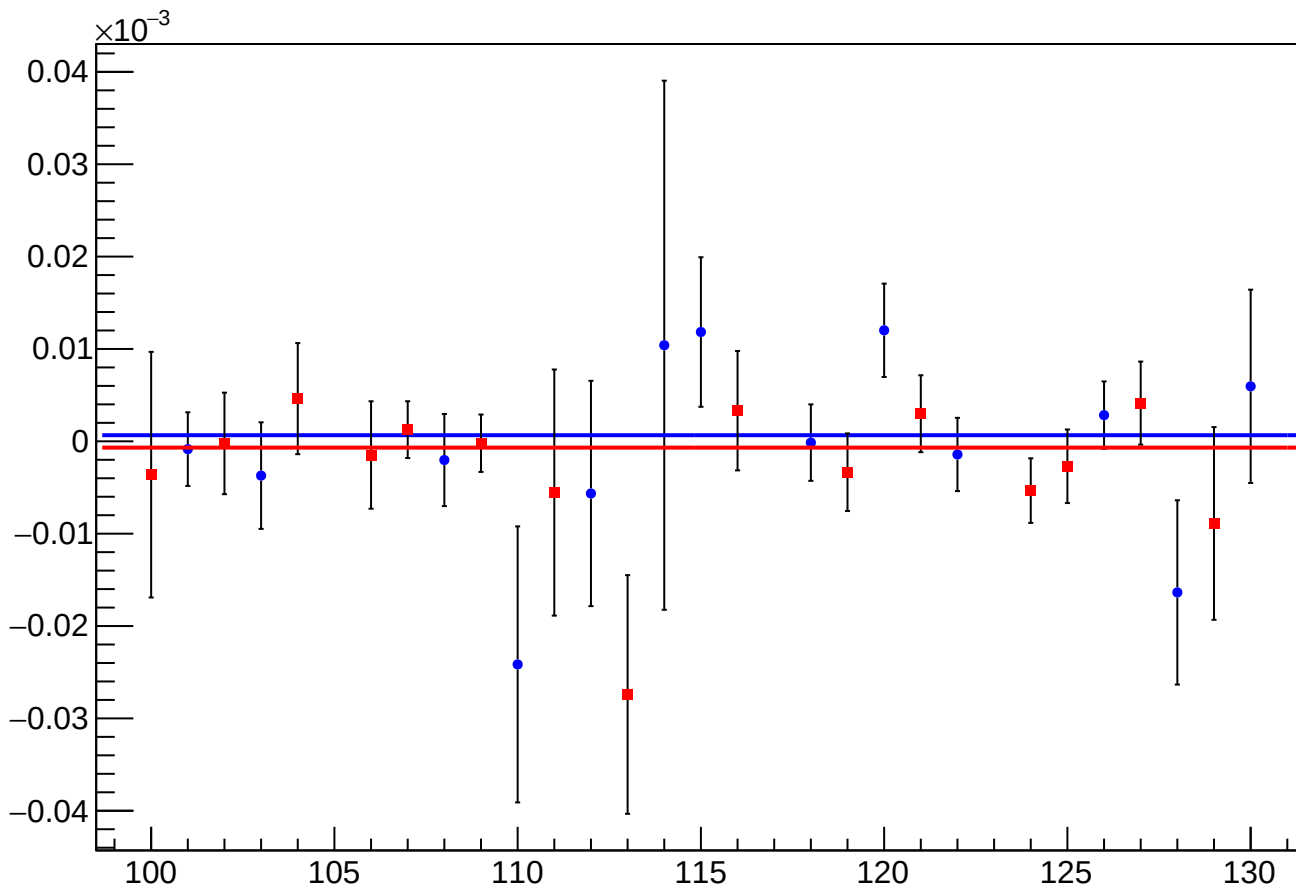
Right: 50.748+/-0.011 χ^2/NDF : 809349.8/27

In: 52.228+/-0.016 χ^2/NDF : 355597.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.748+/-0.011 χ^2/NDF : 809349.8/27

asym_sam_2468_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

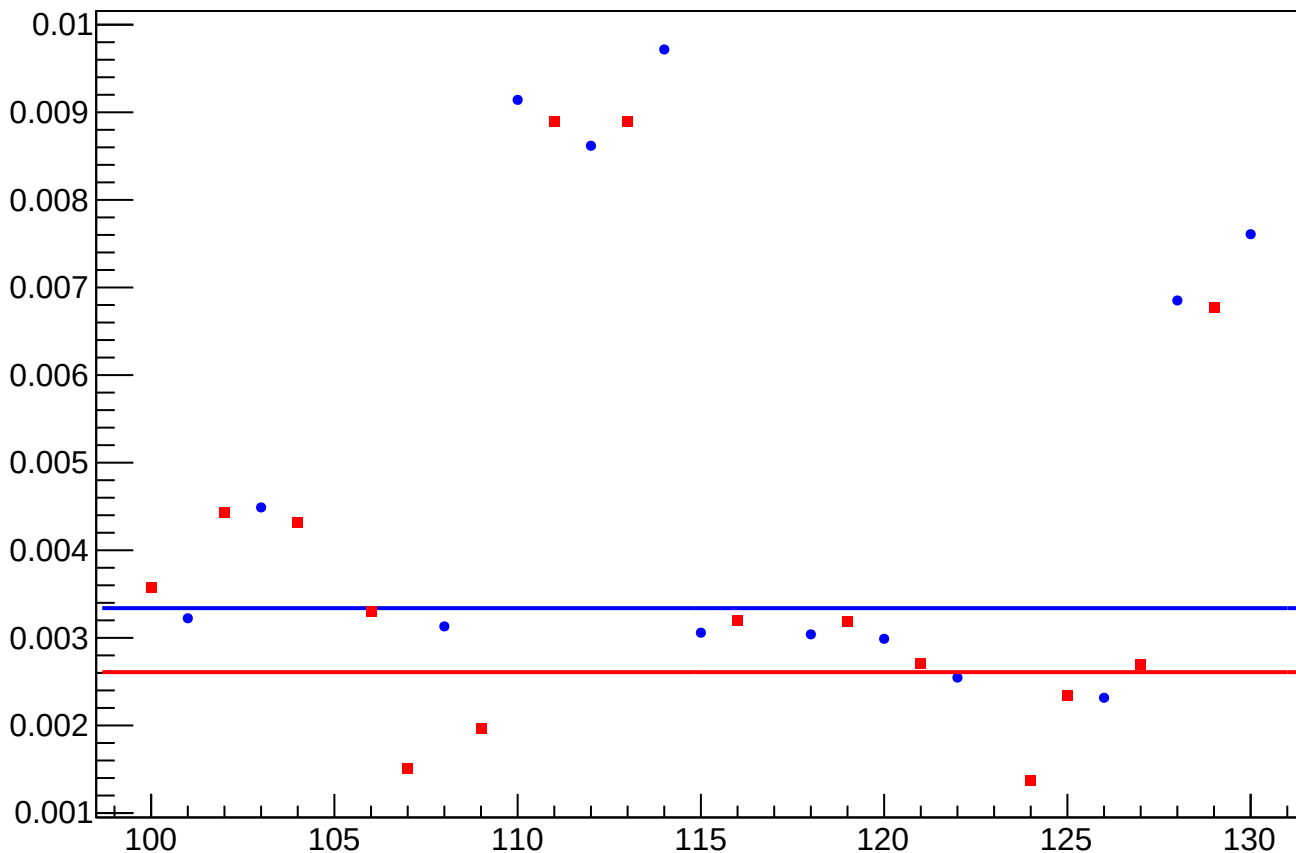
Right: -0.000+/-0.000 χ^2/NDF : 26.4/27

In: 0.000+/-0.000 χ^2/NDF : 14.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.4/27

asym_sam_2468_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000

χ^2/NDF : 1699736.2/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000

χ^2/NDF : 2317789.9/14

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.003+/-0.000

χ^2/NDF : 4289667.9/27

In: 0.003+/-0.000

χ^2/NDF : 1699736.2/12

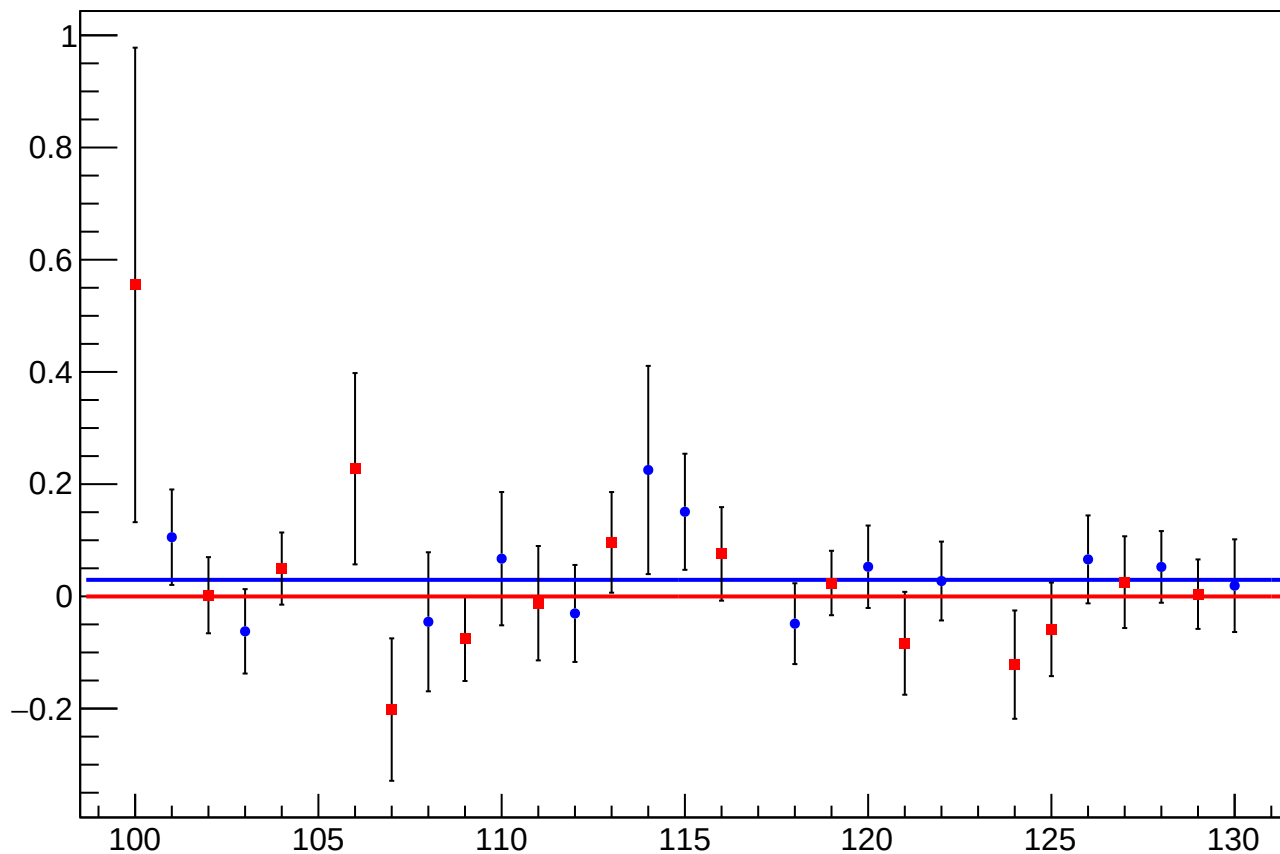
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.003+/-0.000

χ^2/NDF : 4289667.9/27

asym_sam_2468_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.029+/-0.023 χ^2/NDF : 7.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.021 χ^2/NDF : 12.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

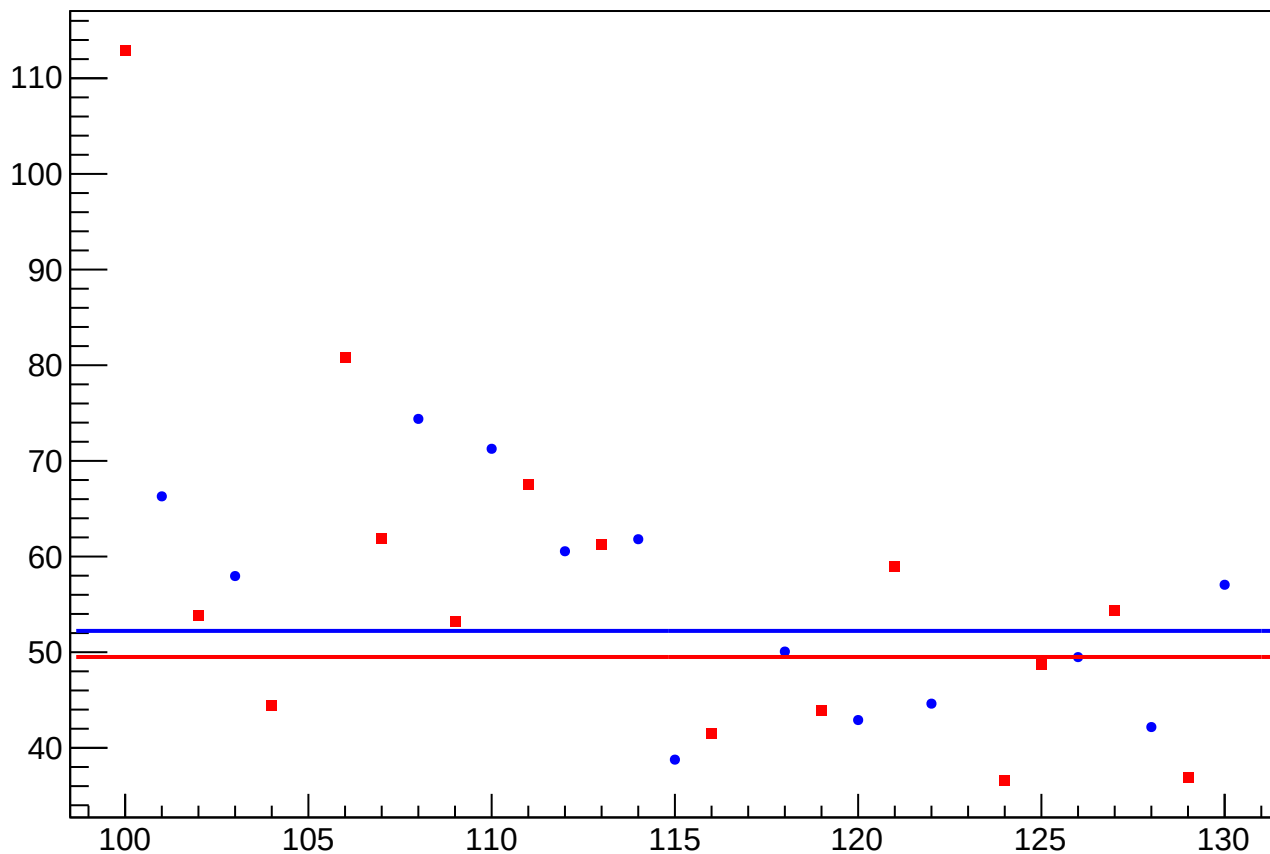
Right: 0.013+/-0.016 χ^2/NDF : 21.1/27

In: 0.029+/-0.023 χ^2/NDF : 7.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.016 χ^2/NDF : 21.1/27

asym_sam_2468_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.227+/-0.016 χ^2/NDF : 355559.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.500+/-0.015 χ^2/NDF : 438883.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

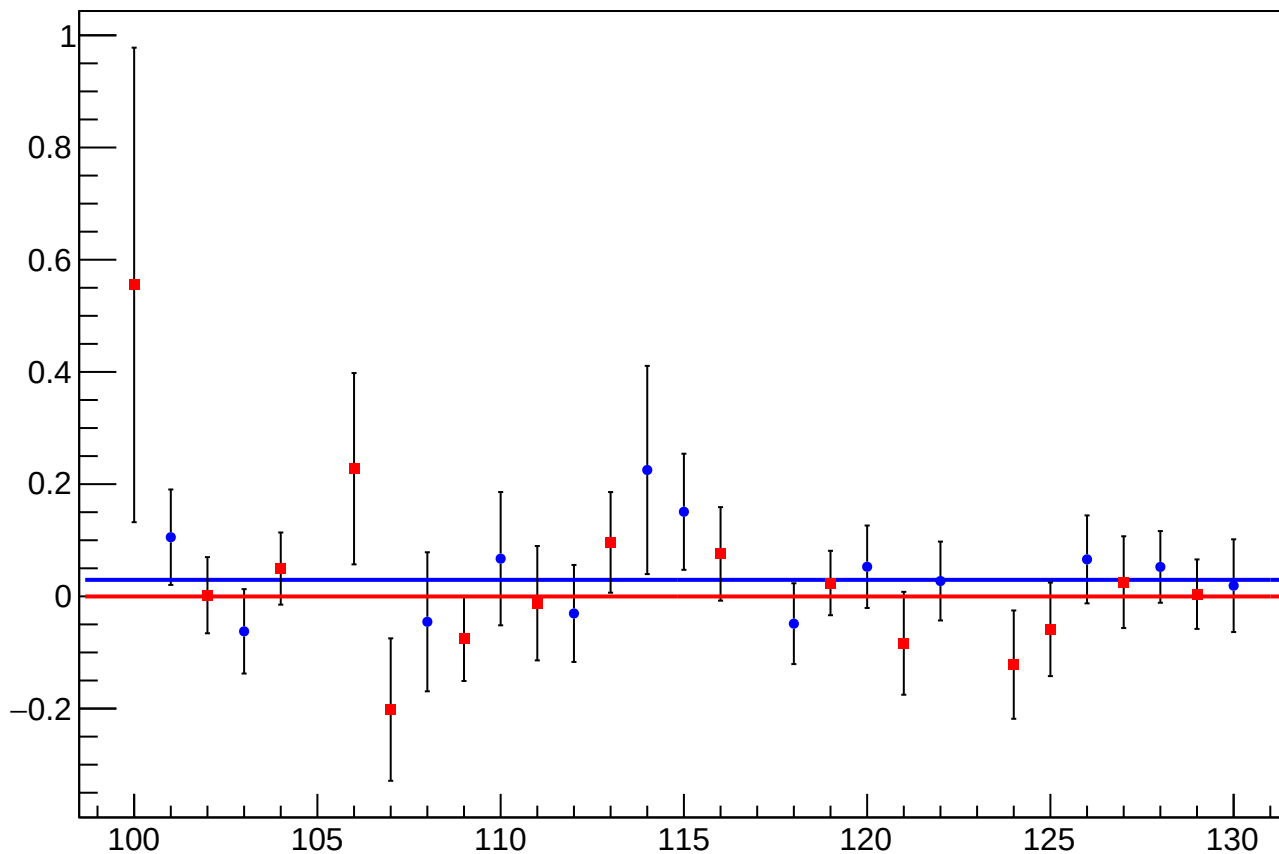
Right: 50.747+/-0.011 χ^2/NDF : 809310.0/27

In: 52.227+/-0.016 χ^2/NDF : 355559.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.747+/-0.011 χ^2/NDF : 809310.0/27

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.029 $\pm$ 0.023 χ^2 /NDF: 7.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.021 χ^2 /NDF: 12.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

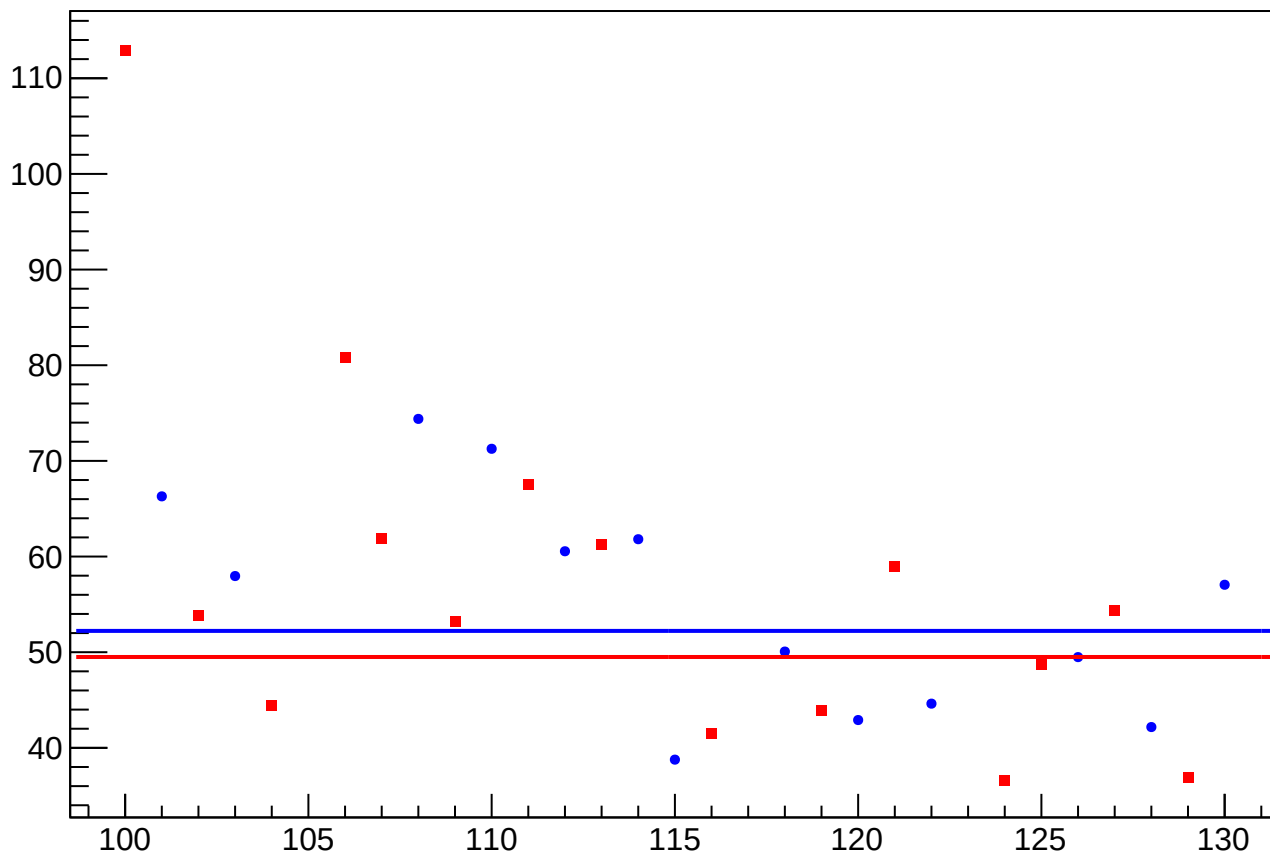
Right: 0.013 $\pm$ 0.016 χ^2 /NDF: 21.1/27

In: 0.029 $\pm$ 0.023 χ^2 /NDF:7.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.013 $\pm$ 0.016 χ^2 /NDF: 21.1/27

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.227 $\pm$ 0.016 χ^2 /NDF: 355559.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 49.500 $\pm$ 0.015 χ^2 /NDF: 438883.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

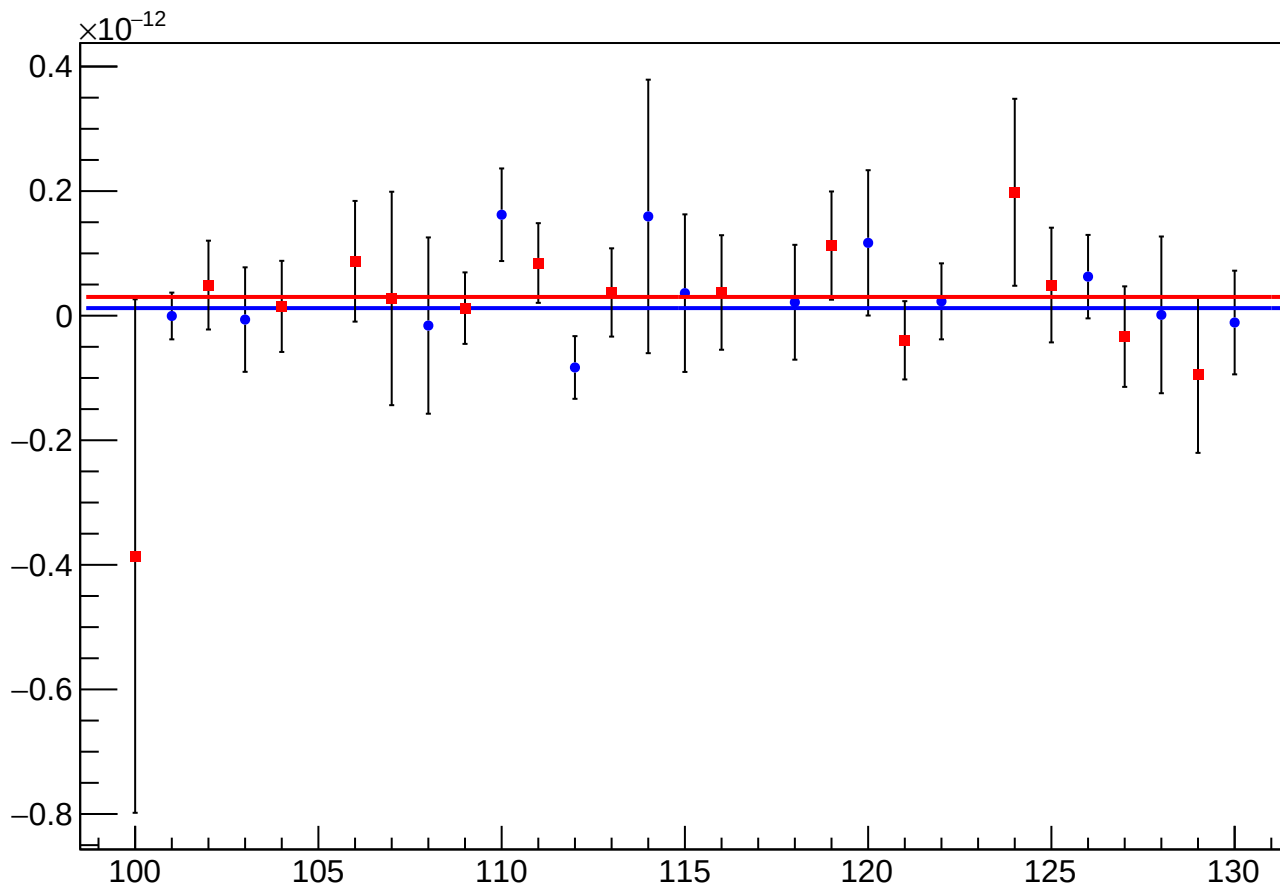
Right: 50.747 $\pm$ 0.011 χ^2 /NDF: 809310.0/27

In: 52.227 $\pm$ 0.016 χ^2 /NDF:355559.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 50.747 $\pm$ 0.011 χ^2 /NDF: 809310.0/27

asym_sam_2468_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

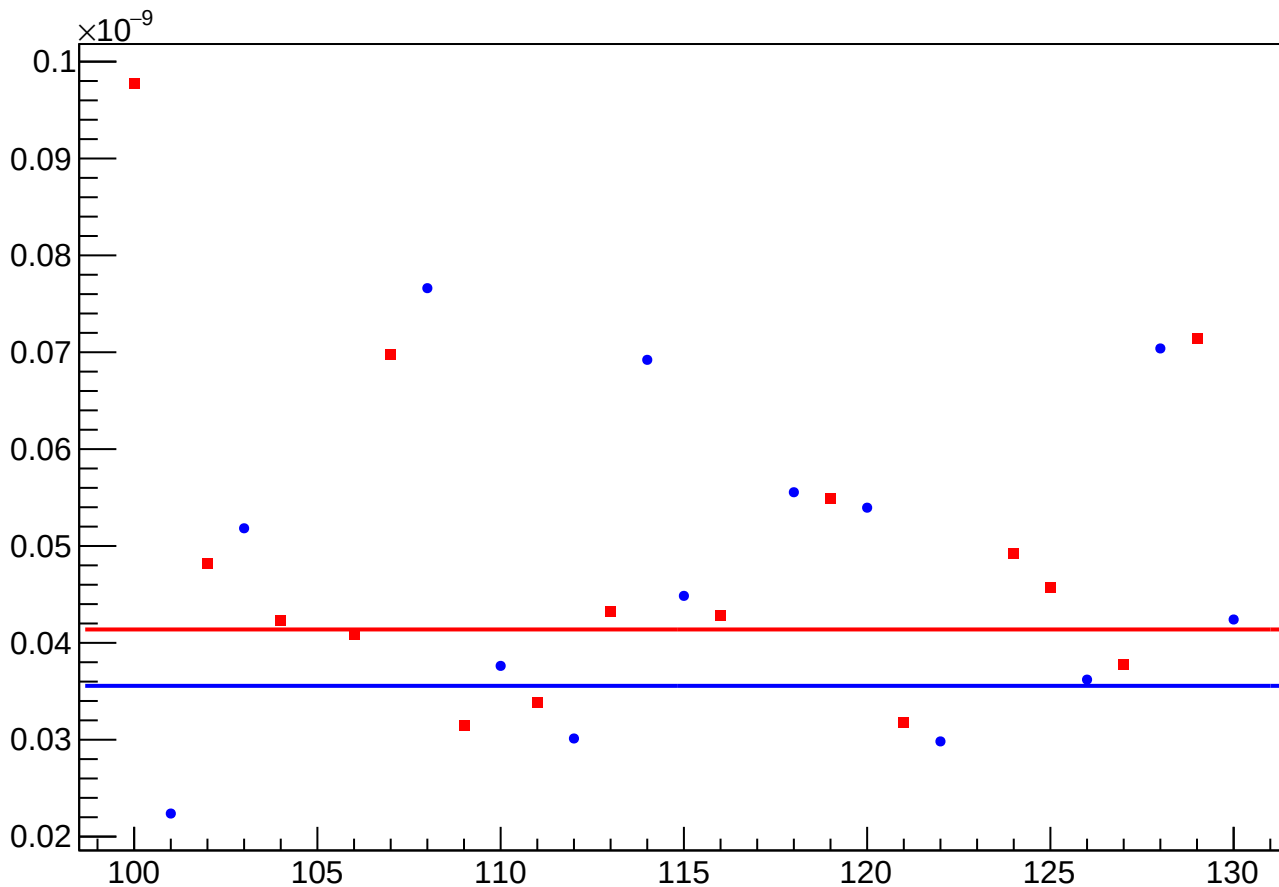
Right: 0.000+/-0.000 χ^2/NDF : 17.6/27

In: 0.000+/-0.000 χ^2/NDF : 9.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.6/27

asym_sam_2468_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 901422.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 422847.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

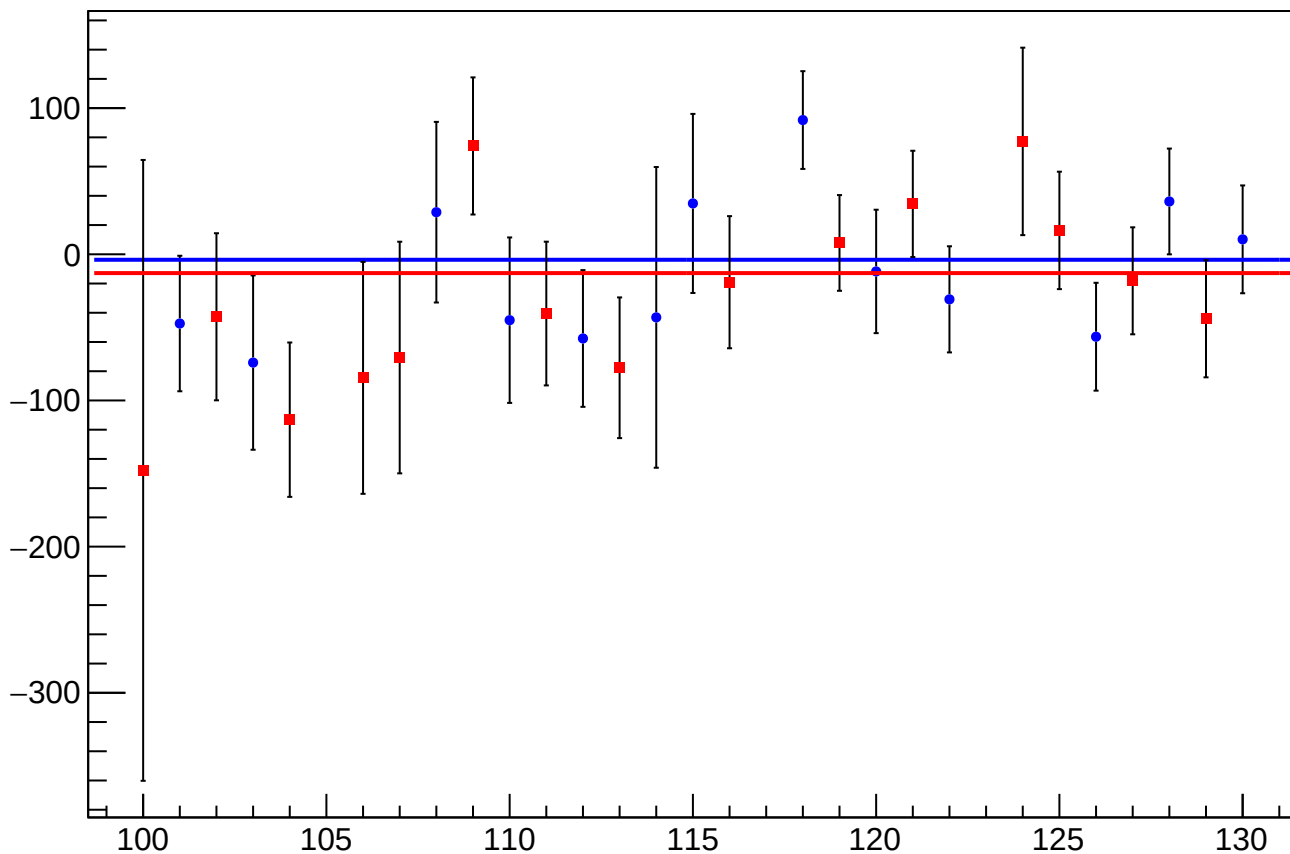
Right: 0.000+/-0.000 χ^2/NDF : 1402080.3/27

In: 0.000+/-0.000 χ^2/NDF : 901422.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1402080.3/27

reg_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -3.745 ± 12.322 $\chi^2/\text{NDF}: 17.1/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -12.861 ± 12.203 $\chi^2/\text{NDF}: 16.4/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

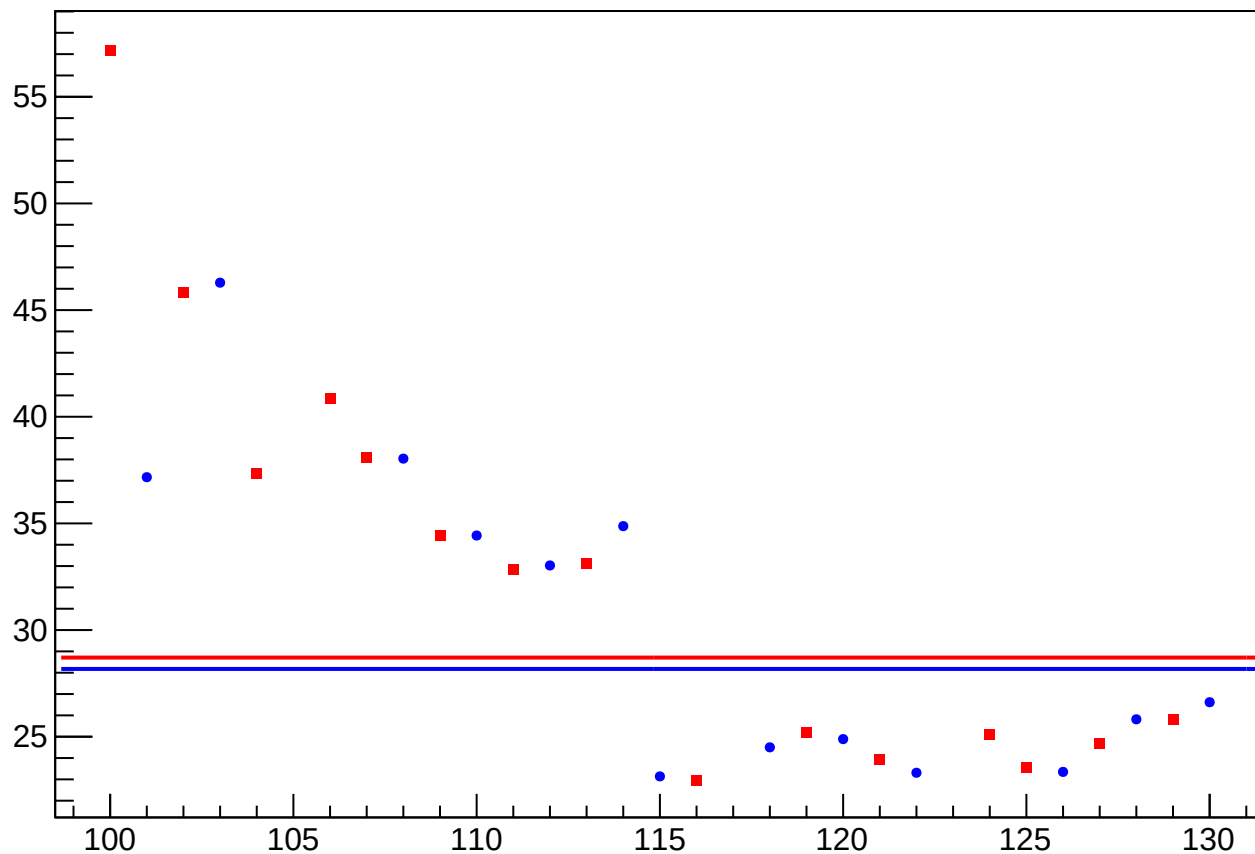
Right: -8.347 ± 8.670 $\chi^2/\text{NDF}: 33.8/27$

In: -3.745 ± 12.322 $\chi^2/\text{NDF}: 17.1/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -8.347 ± 8.670 $\chi^2/\text{NDF}: 33.8/27$

reg_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 28.177+/-0.009 χ^2/NDF : 497107.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.710+/-0.009 χ^2/NDF : 568126.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

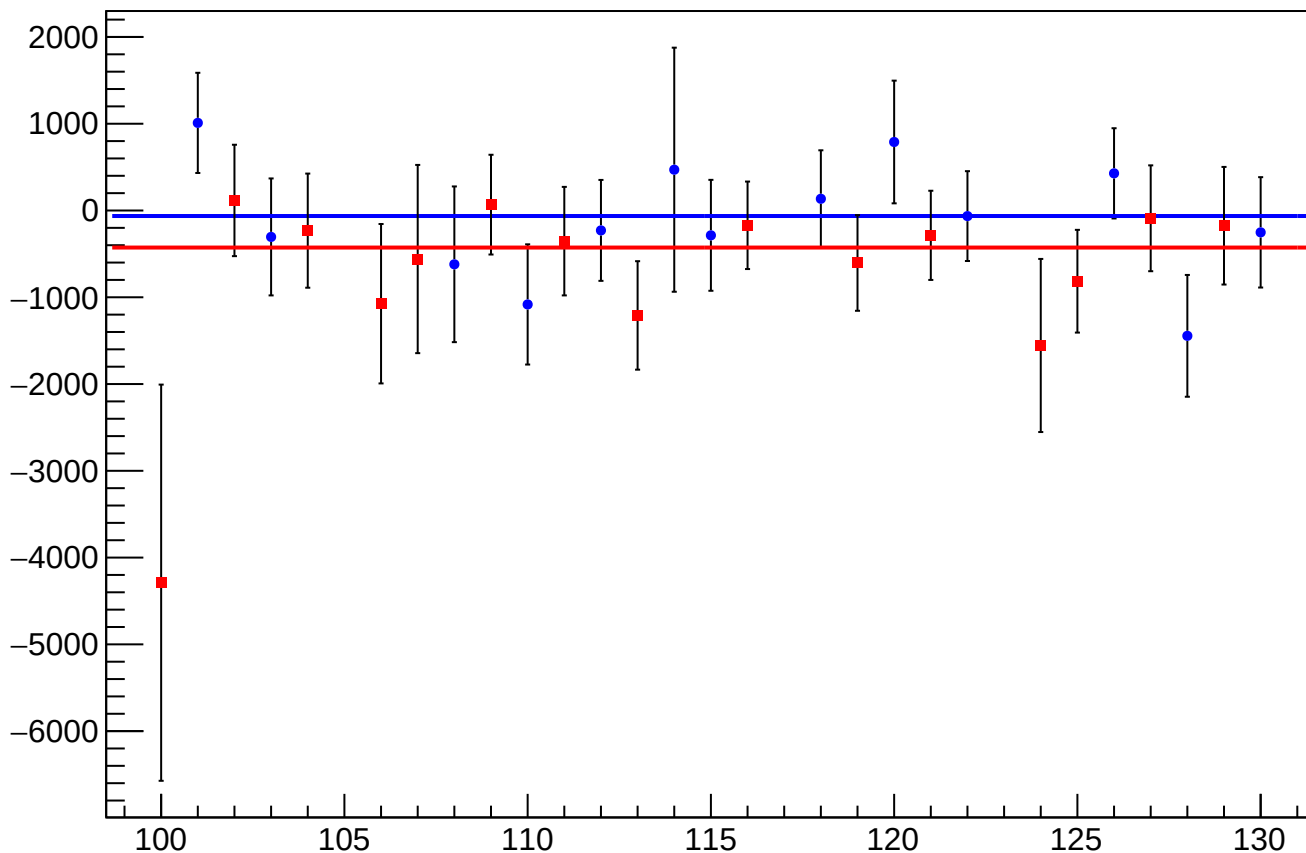
Right: 28.446+/-0.006 χ^2/NDF : 1067121.9/27

In: 28.177+/-0.009 χ^2/NDF : 497107.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.446+/-0.006 χ^2/NDF : 1067121.9/27

asym_sam_1357_2468_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -63.547+/-177.970 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -426.955+/-169.409 χ^2/NDF : 9.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

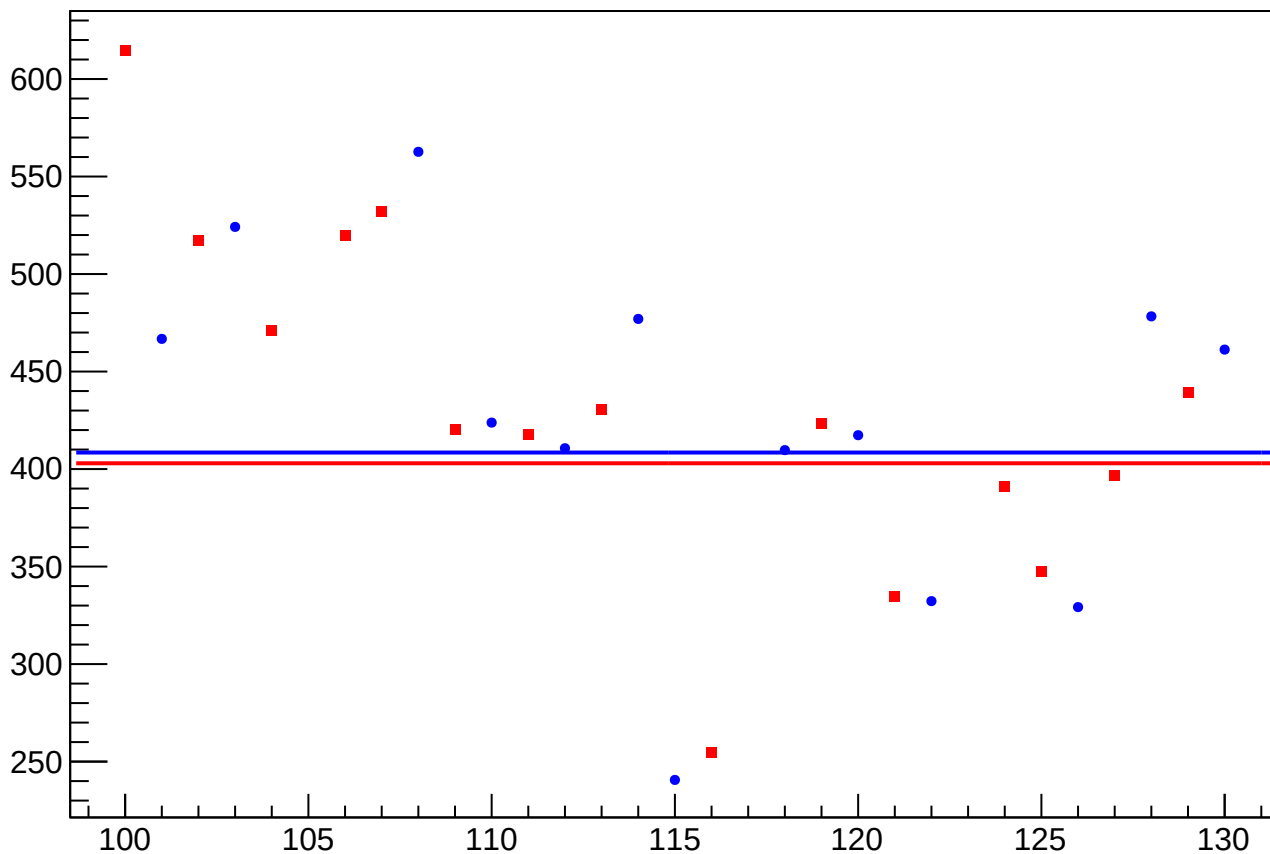
Right: -254.202+/-122.705 χ^2/NDF : 24.2/27

In: -63.547+/-177.970 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -254.202+/-122.705 χ^2/NDF : 24.2/27

asym_sam_1357_2468_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 408.472 $\pm$ 0.126 χ^2 /NDF: 405809.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 402.968 $\pm$ 0.120 χ^2 /NDF: 403753.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

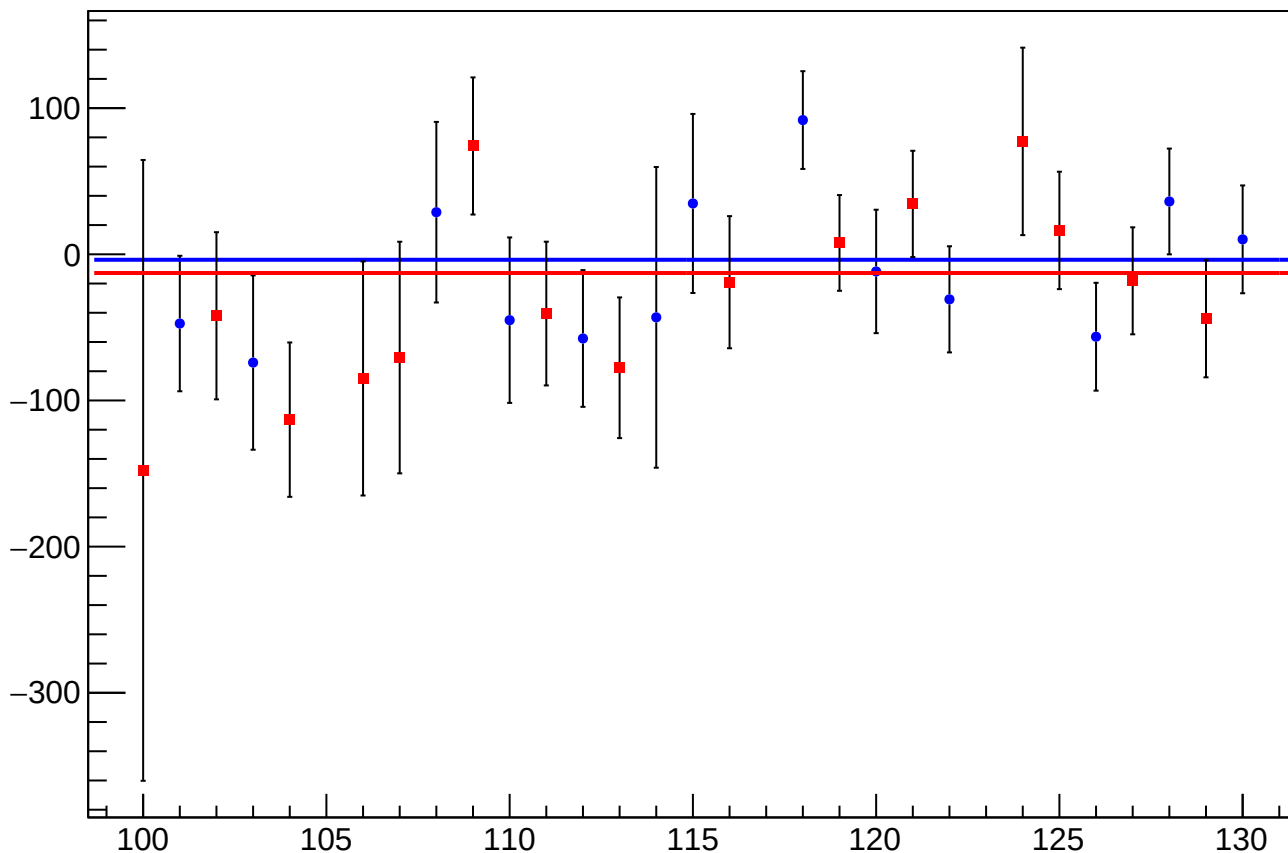
Right: 405.584 $\pm$ 0.087 χ^2 /NDF: 810566.1/27

In: 408.472 $\pm$ 0.126 χ^2 /NDF:405809.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 405.584 $\pm$ 0.087 χ^2 /NDF: 810566.1/27

cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -3.742 ± 12.322 χ^2/NDF : 17.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -12.802 ± 12.206 χ^2/NDF : 16.4/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

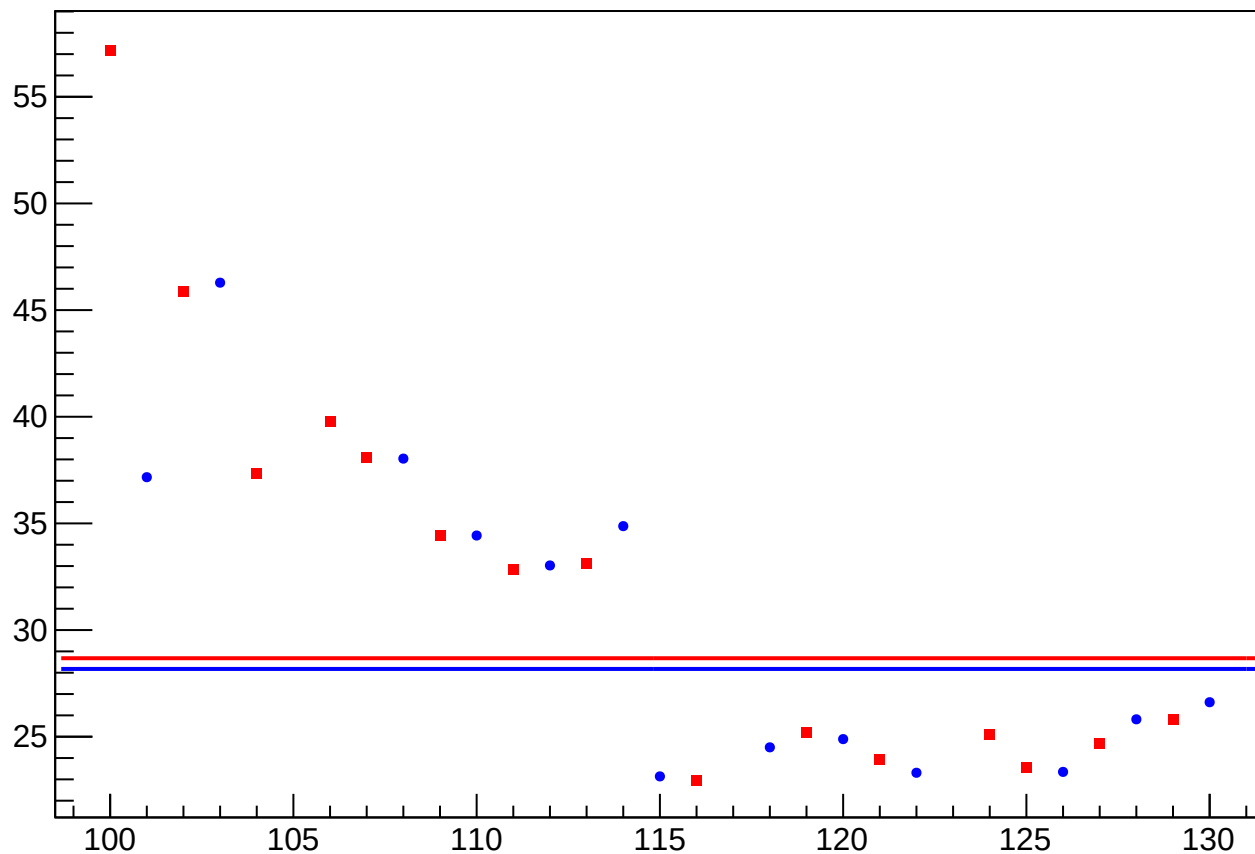
Right: -8.315 ± 8.671 χ^2/NDF : 33.8/27

In: -3.742 ± 12.322 χ^2/NDF : 17.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.315 ± 8.671 χ^2/NDF : 33.8/27

cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 28.177+/-0.009 χ^2/NDF : 497111.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.679+/-0.009 χ^2/NDF : 559663.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

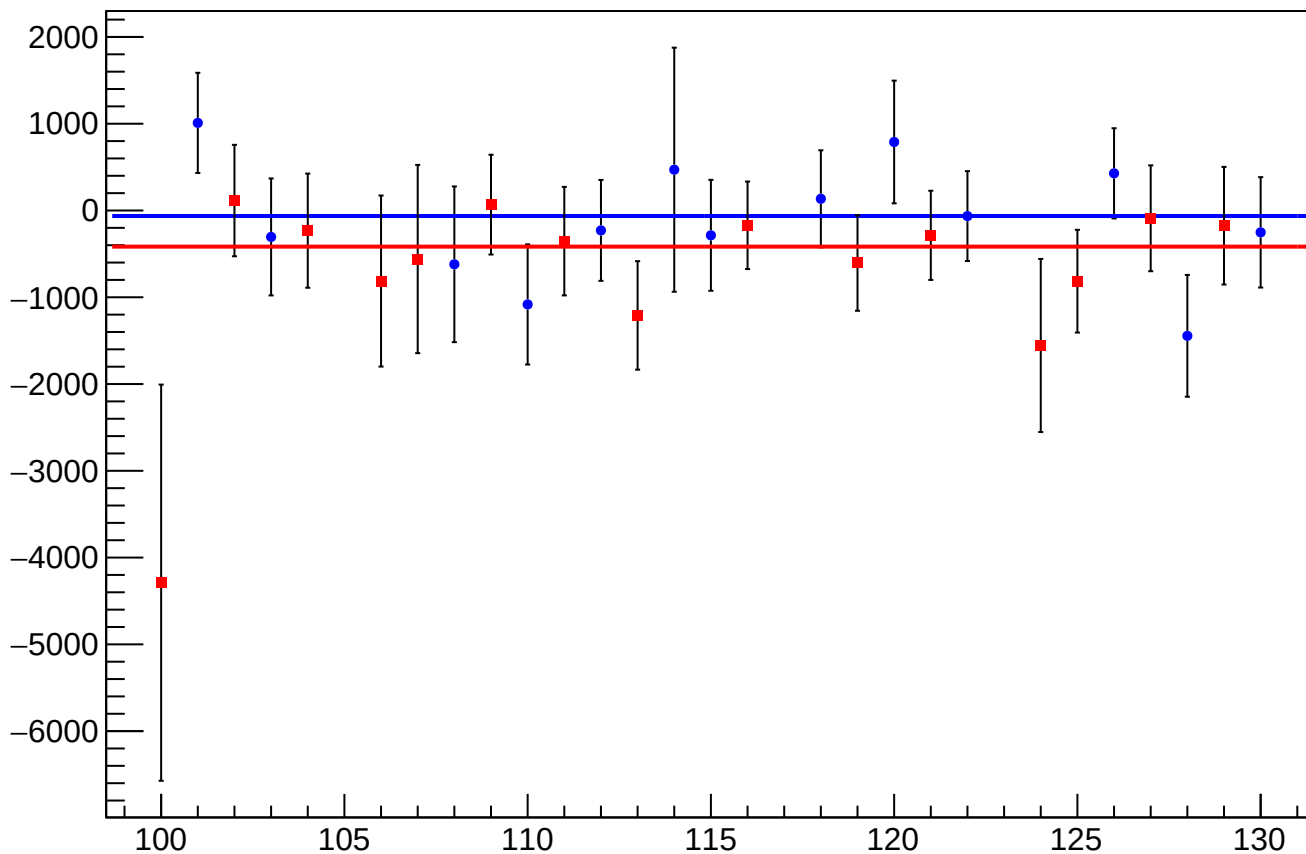
Right: 28.430+/-0.006 χ^2/NDF : 1058453.9/27

In: 28.177+/-0.009 χ^2/NDF : 497111.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.430+/-0.006 χ^2/NDF : 1058453.9/27

asym_sam_1357_2468_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -63.560+/-177.971 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -416.439+/-169.795 χ^2/NDF : 8.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

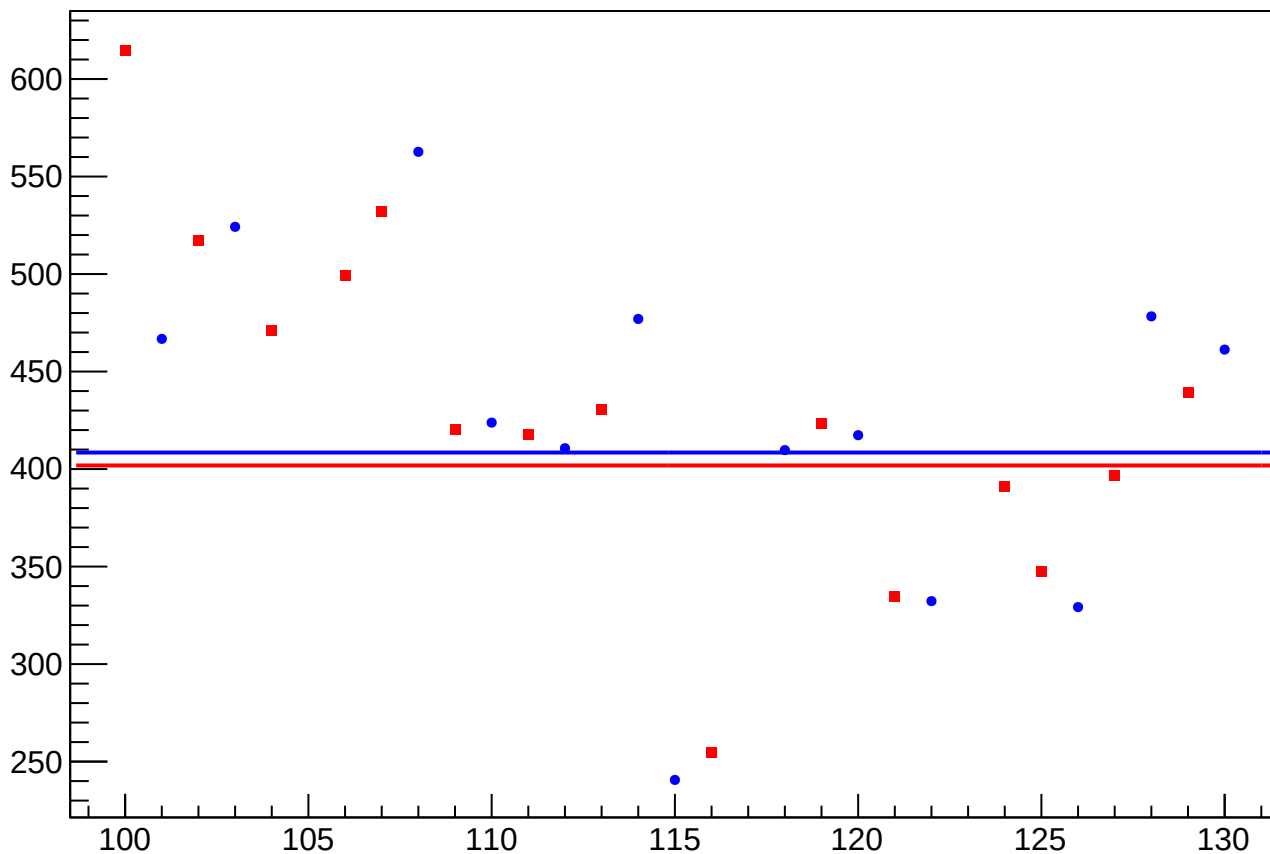
Right: -248.291+/-122.852 χ^2/NDF : 23.7/27

In: -63.560+/-177.971 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -248.291+/-122.852 χ^2/NDF : 23.7/27

asym_sam_1357_2468_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 408.473+/-0.126 χ^2/NDF : 405832.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 401.849+/-0.120 χ^2/NDF : 390679.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

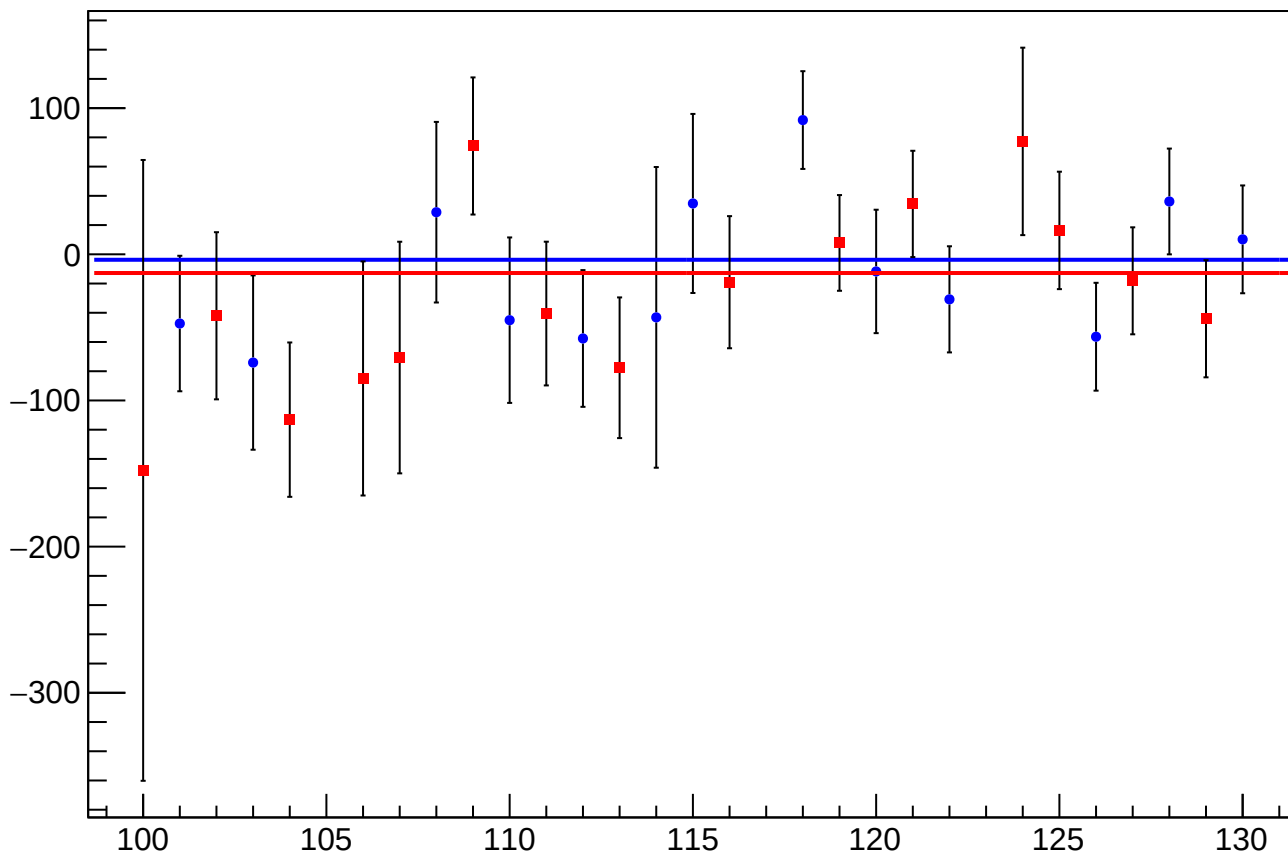
Right: 405.005+/-0.087 χ^2/NDF : 797962.7/27

In: 408.473+/-0.126 χ^2/NDF :405832.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 405.005+/-0.087 χ^2/NDF : 797962.7/27

eigen_cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -3.742+/-12.322 χ^2/NDF : 17.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.802+/-12.206 χ^2/NDF : 16.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

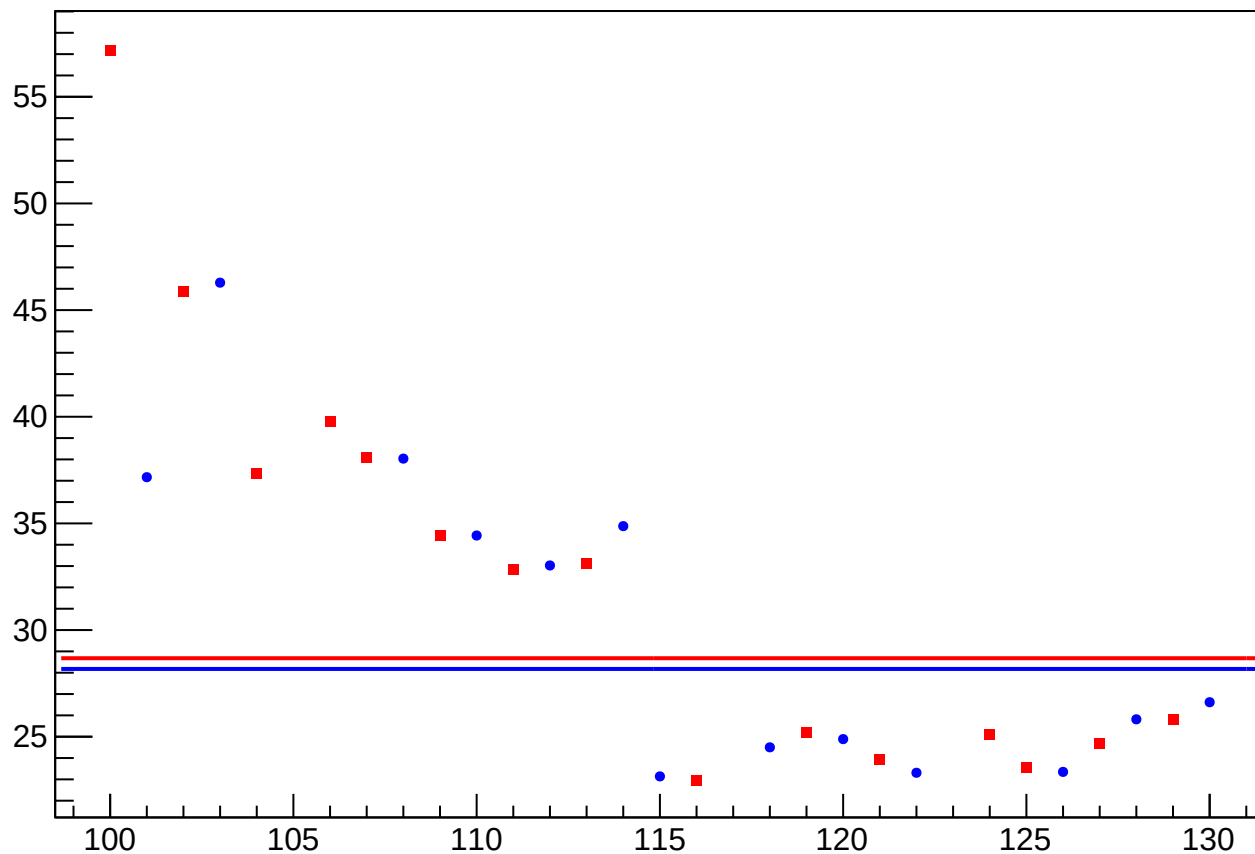
Right: -8.315+/-8.671 χ^2/NDF : 33.8/27

In: -3.742+/-12.322 χ^2/NDF : 17.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.315+/-8.671 χ^2/NDF : 33.8/27

eigen_cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 28.177+/-0.009 χ^2/NDF : 497111.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.679+/-0.009 χ^2/NDF : 559663.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

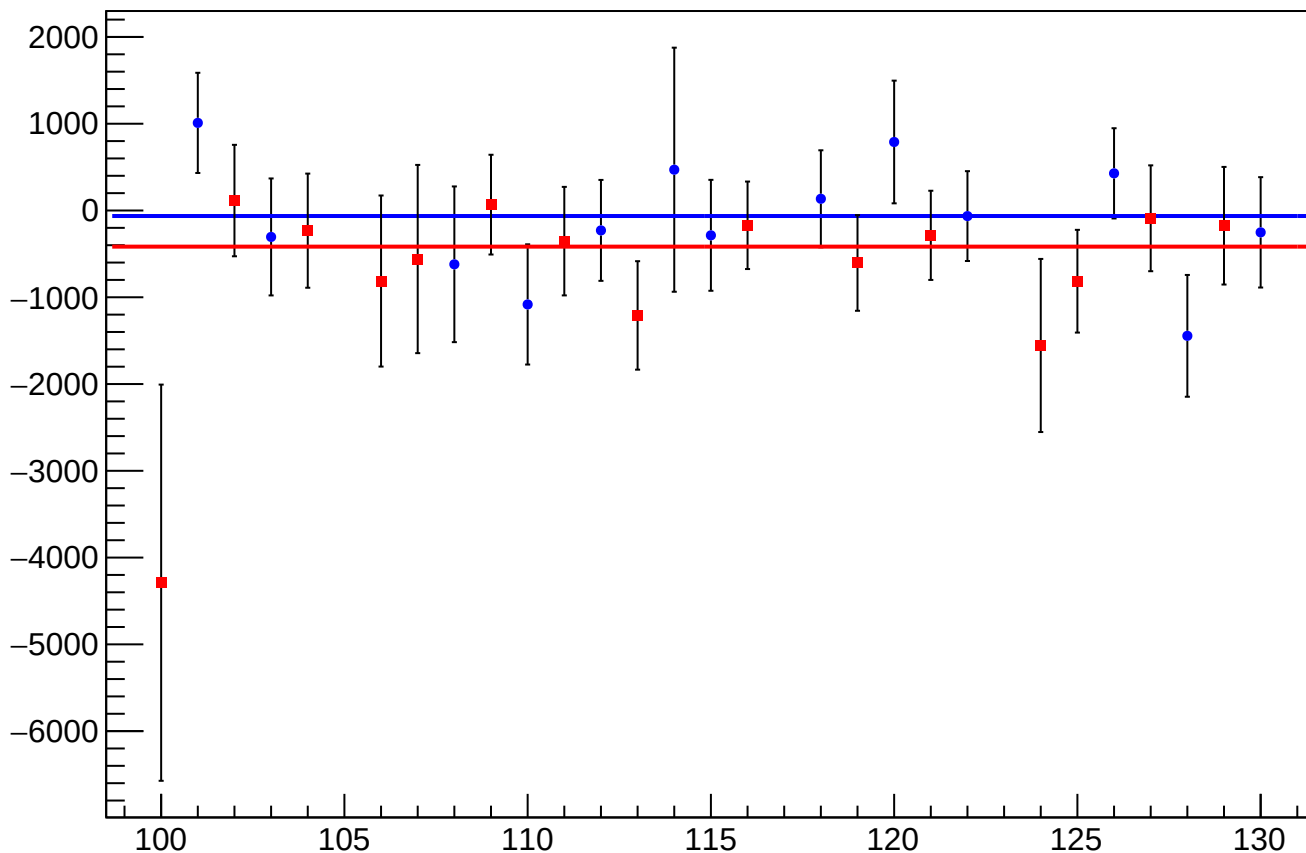
Right: 28.430+/-0.006 χ^2/NDF : 1058453.9/27

In: 28.177+/-0.009 χ^2/NDF : 497111.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.430+/-0.006 χ^2/NDF : 1058453.9/27

asym_sam_1357_2468_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -63.560+/-177.971 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -416.439+/-169.795 χ^2/NDF : 8.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

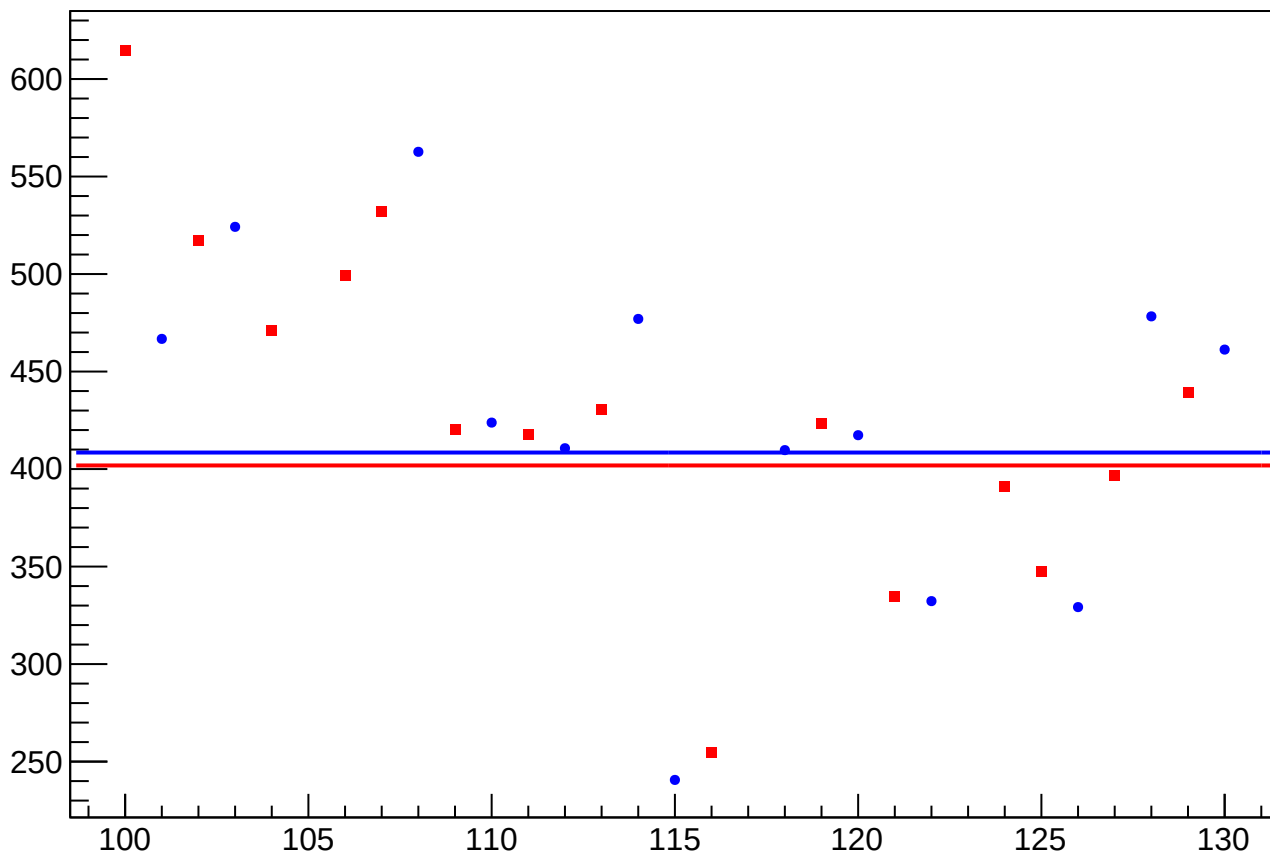
Right: -248.291+/-122.852 χ^2/NDF : 23.7/27

In: -63.560+/-177.971 χ^2/NDF : 12.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -248.291+/-122.852 χ^2/NDF : 23.7/27

asym_sam_1357_2468_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 408.473+/-0.126 χ^2/NDF : 405832.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 401.849+/-0.120 χ^2/NDF : 390679.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

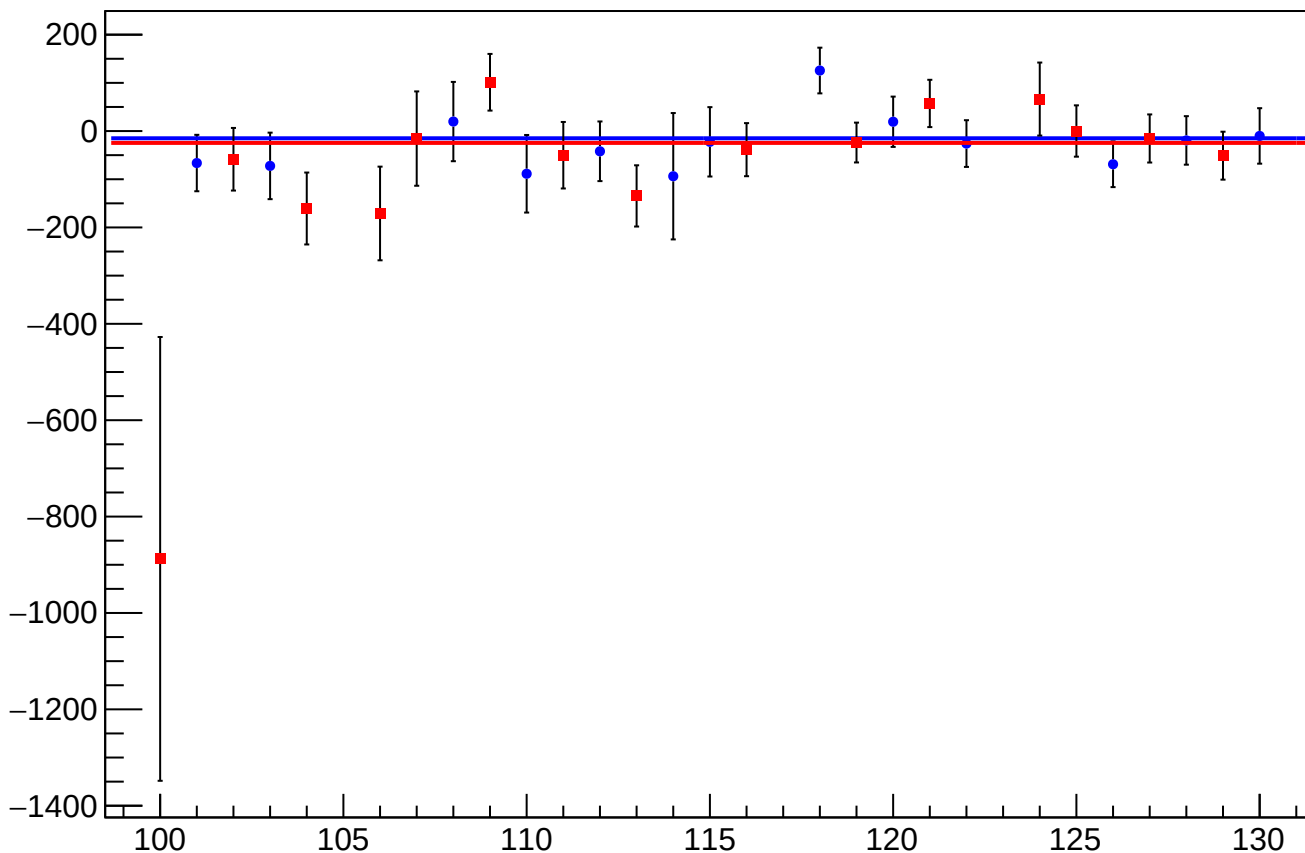
Right: 405.005+/-0.087 χ^2/NDF : 797962.7/27

In: 408.473+/-0.126 χ^2/NDF : 405832.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 405.005+/-0.087 χ^2/NDF : 797962.7/27

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -14.993 ± 16.454 χ^2/NDF : 13.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -24.576 ± 15.730 χ^2/NDF : 21.9/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

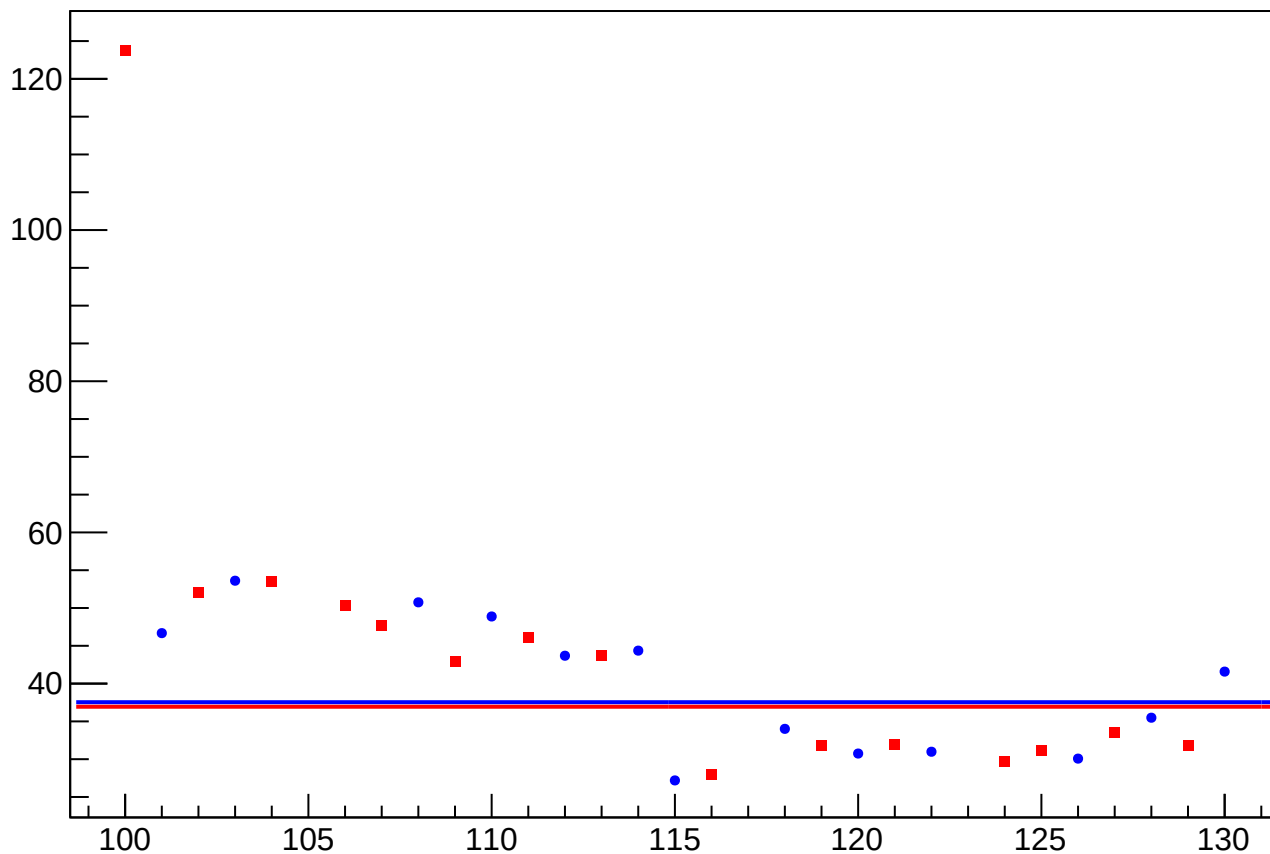
Right: -20.000 ± 11.370 χ^2/NDF : 35.7/27

In: -14.993 ± 16.454 χ^2/NDF : 13.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -20.000 ± 11.370 χ^2/NDF : 35.7/27

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 37.538 $\pm$ 0.012 χ^2 /NDF: 459081.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 36.940 $\pm$ 0.011 χ^2 /NDF: 595870.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

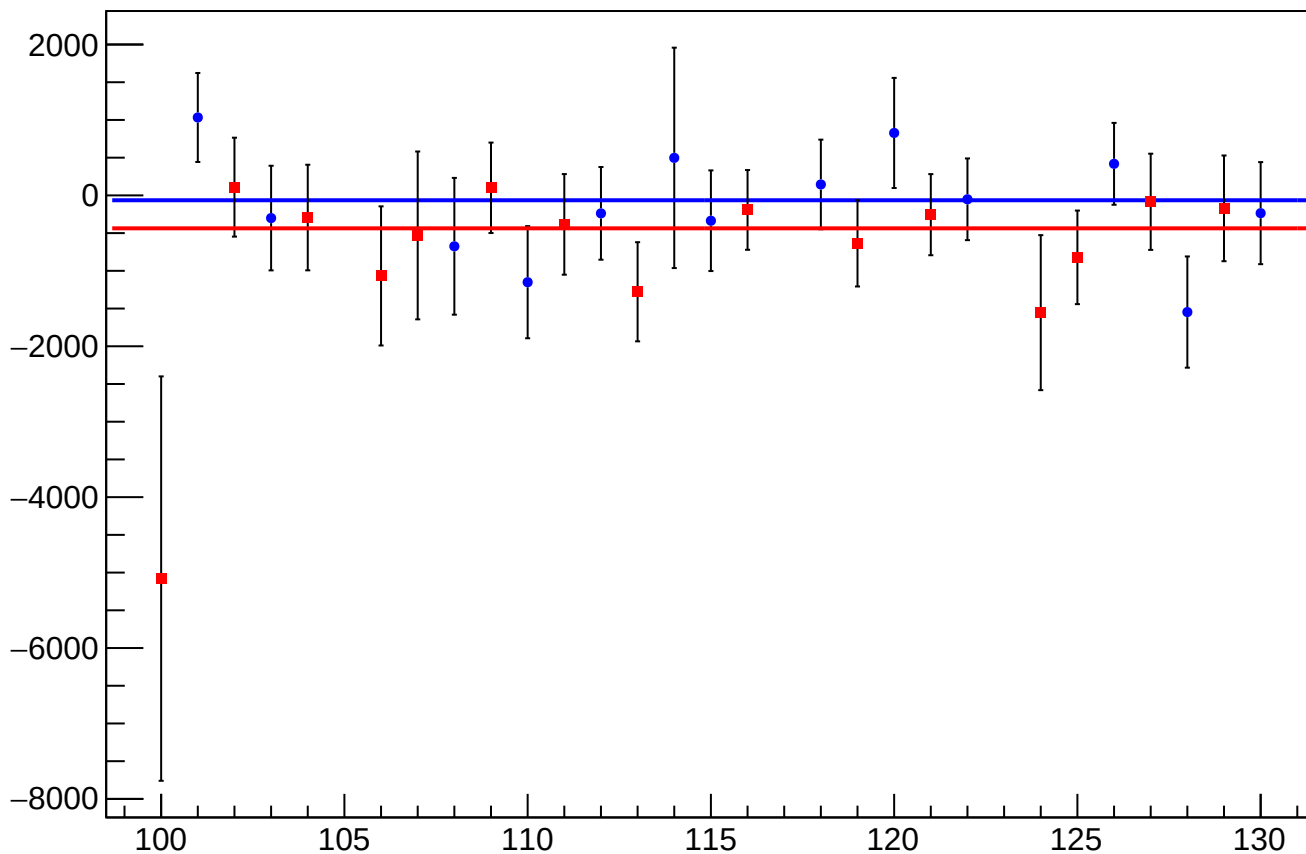
Right: 37.226 $\pm$ 0.008 χ^2 /NDF: 1056333.1/27

In: 37.538 $\pm$ 0.012 χ^2 /NDF:459081.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 37.226 $\pm$ 0.008 χ^2 /NDF: 1056333.1/27

asym_sam_1357_2468_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -64.552 ± 186.052 χ^2/NDF : 13.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -436.649 ± 176.823 χ^2/NDF : 9.1/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

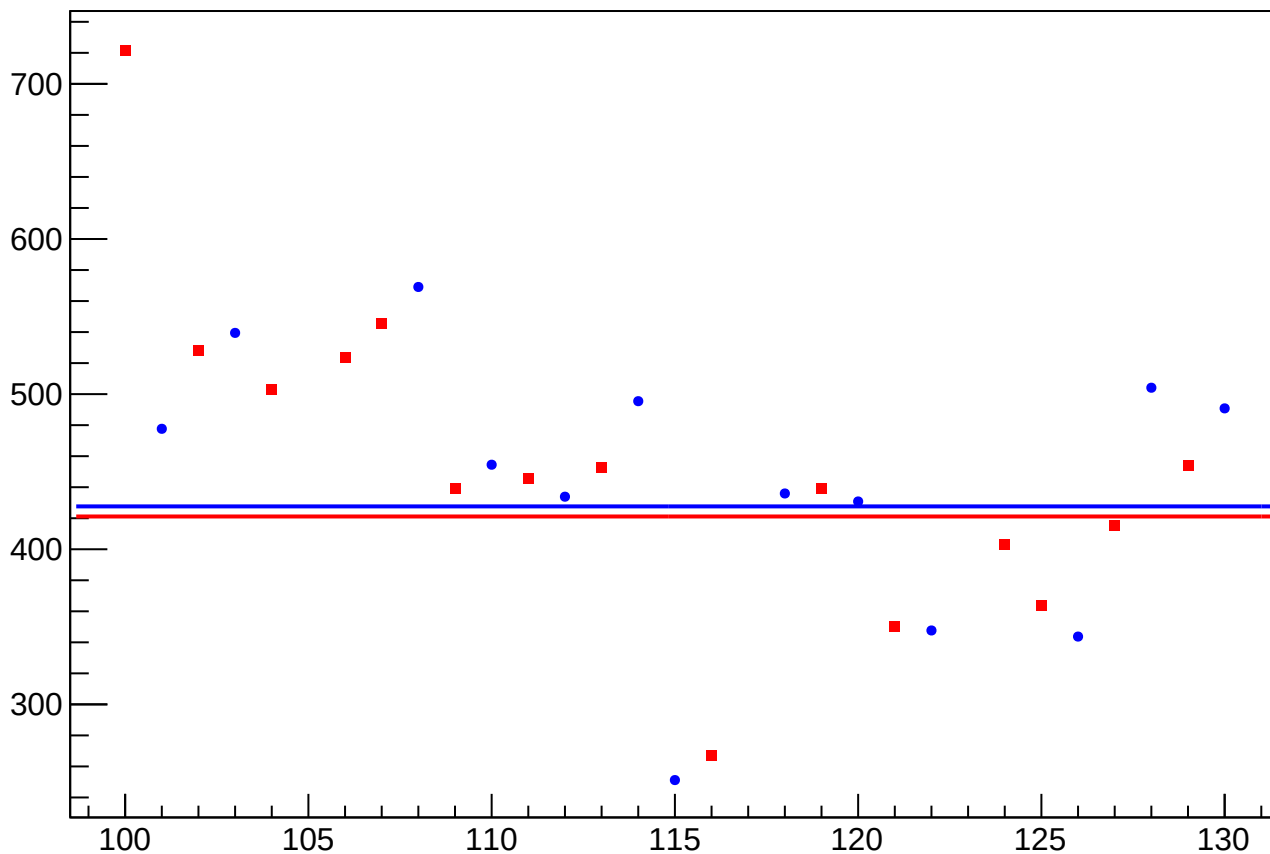
Right: -260.058 ± 128.171 χ^2/NDF : 24.3/27

In: -64.552 ± 186.052 χ^2/NDF : 13.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -260.058 ± 128.171 χ^2/NDF : 24.3/27

asym_sam_1357_2468_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 427.631+/-0.132 χ^2/NDF : 392944.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 421.130+/-0.125 χ^2/NDF : 393022.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

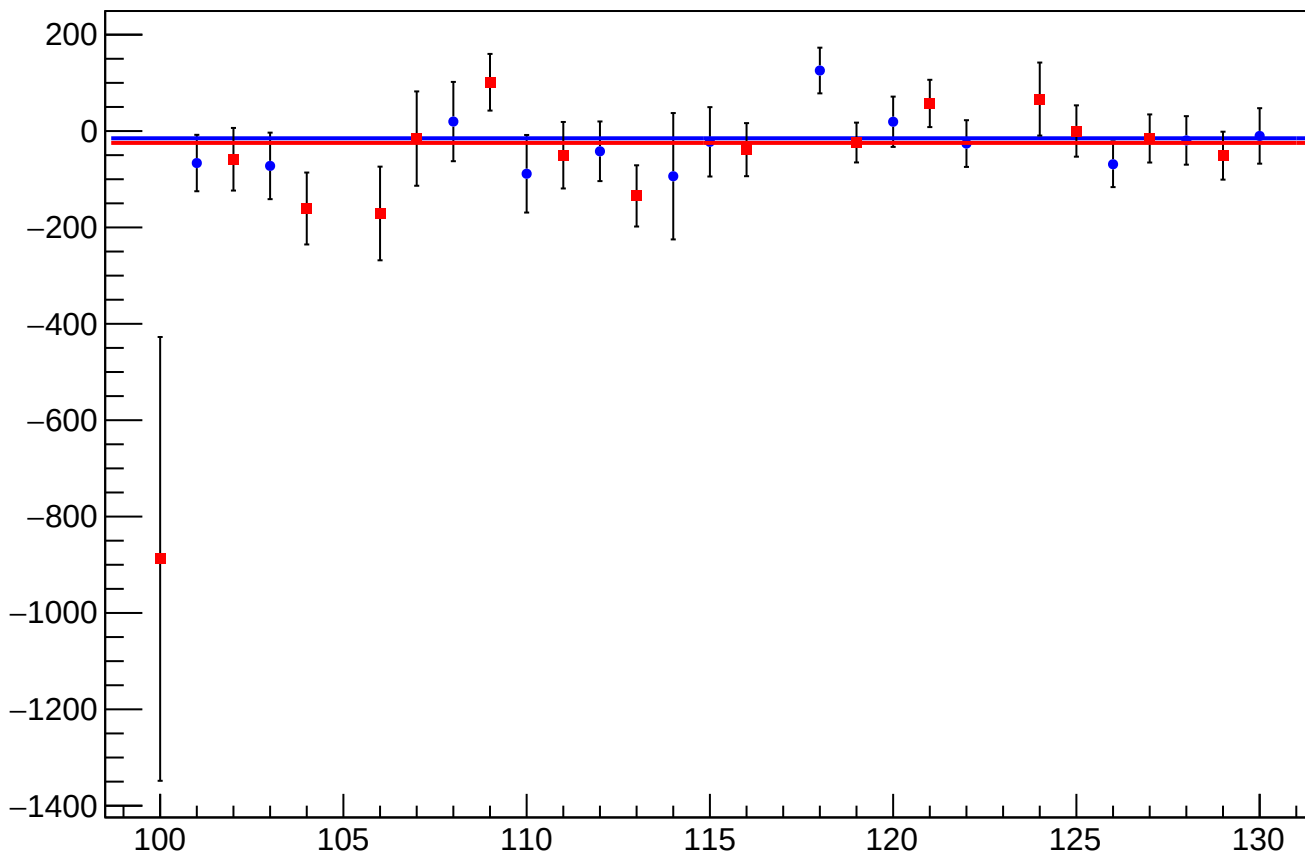
Right: 424.215+/-0.091 χ^2/NDF : 787250.4/27

In: 427.631+/-0.132 χ^2/NDF :392944.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 424.215+/-0.091 χ^2/NDF : 787250.4/27

eigen_dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -14.993 ± 16.453 χ^2/NDF : 13.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -24.576 ± 15.730 χ^2/NDF : 21.9/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

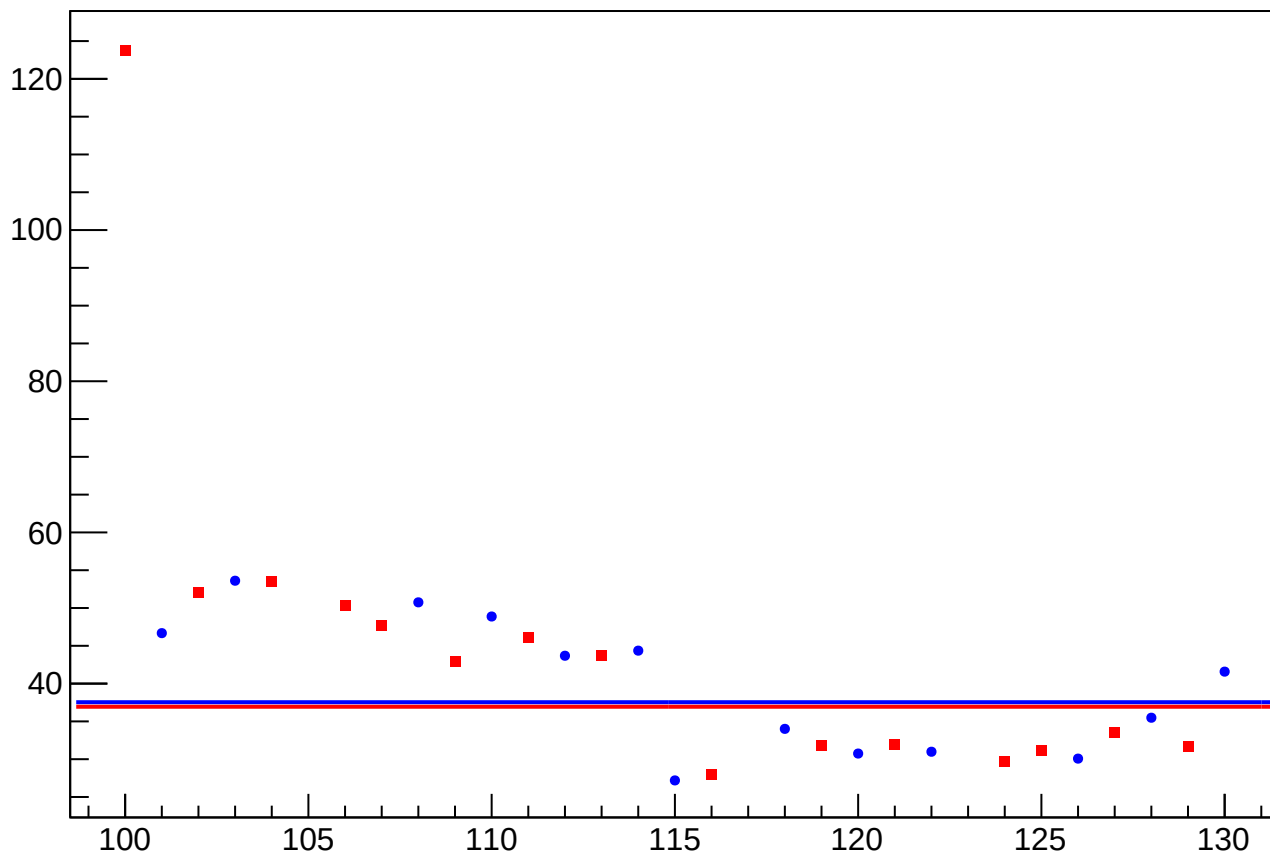
Right: -20.000 ± 11.370 χ^2/NDF : 35.7/27

In: -14.993 ± 16.453 χ^2/NDF : 13.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -20.000 ± 11.370 χ^2/NDF : 35.7/27

eigen_dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 37.538+/-0.012 χ^2/NDF : 459047.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.939+/-0.011 χ^2/NDF : 595848.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

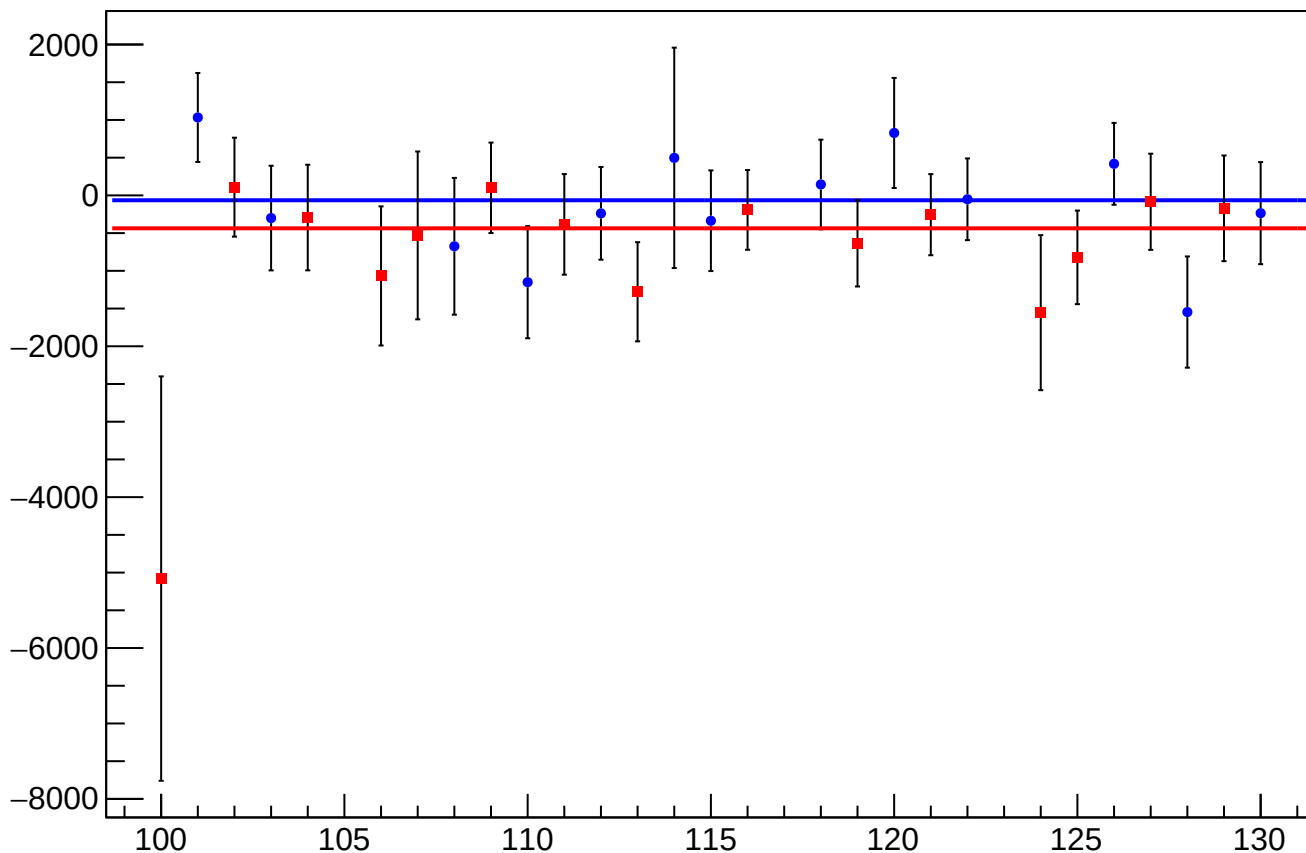
Right: 37.225+/-0.008 χ^2/NDF : 1056276.4/27

In: 37.538+/-0.012 χ^2/NDF : 459047.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.225+/-0.008 χ^2/NDF : 1056276.4/27

asym_sam_1357_2468_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -64.554 ± 186.052 χ^2/NDF : 13.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -436.648 ± 176.823 χ^2/NDF : 9.1/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

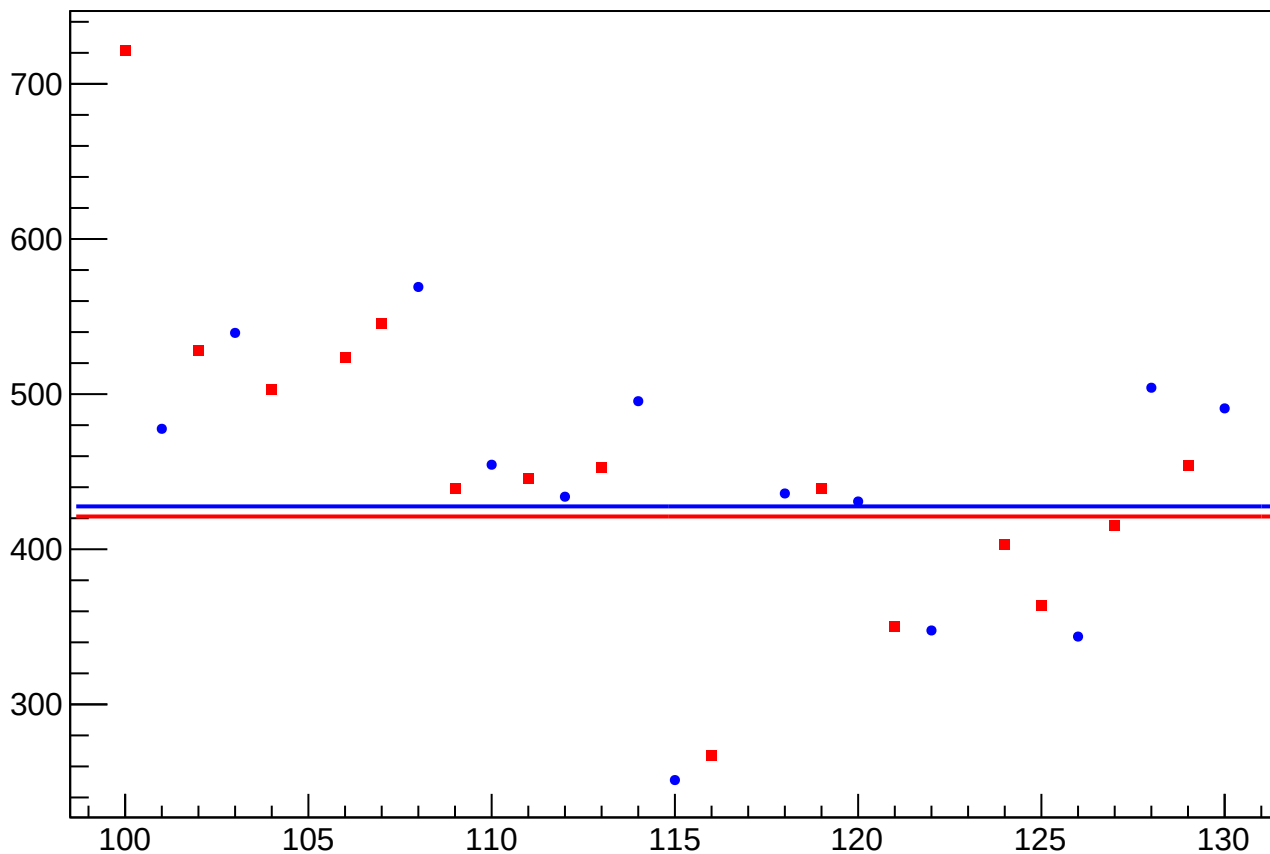
Right: -260.059 ± 128.171 χ^2/NDF : 24.3/27

In: -64.554 ± 186.052 χ^2/NDF : 13.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -260.059 ± 128.171 χ^2/NDF : 24.3/27

asym_sam_1357_2468_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 427.630 $\pm$ 0.132 χ^2 /NDF: 392935.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 421.129 $\pm$ 0.125 χ^2 /NDF: 393015.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

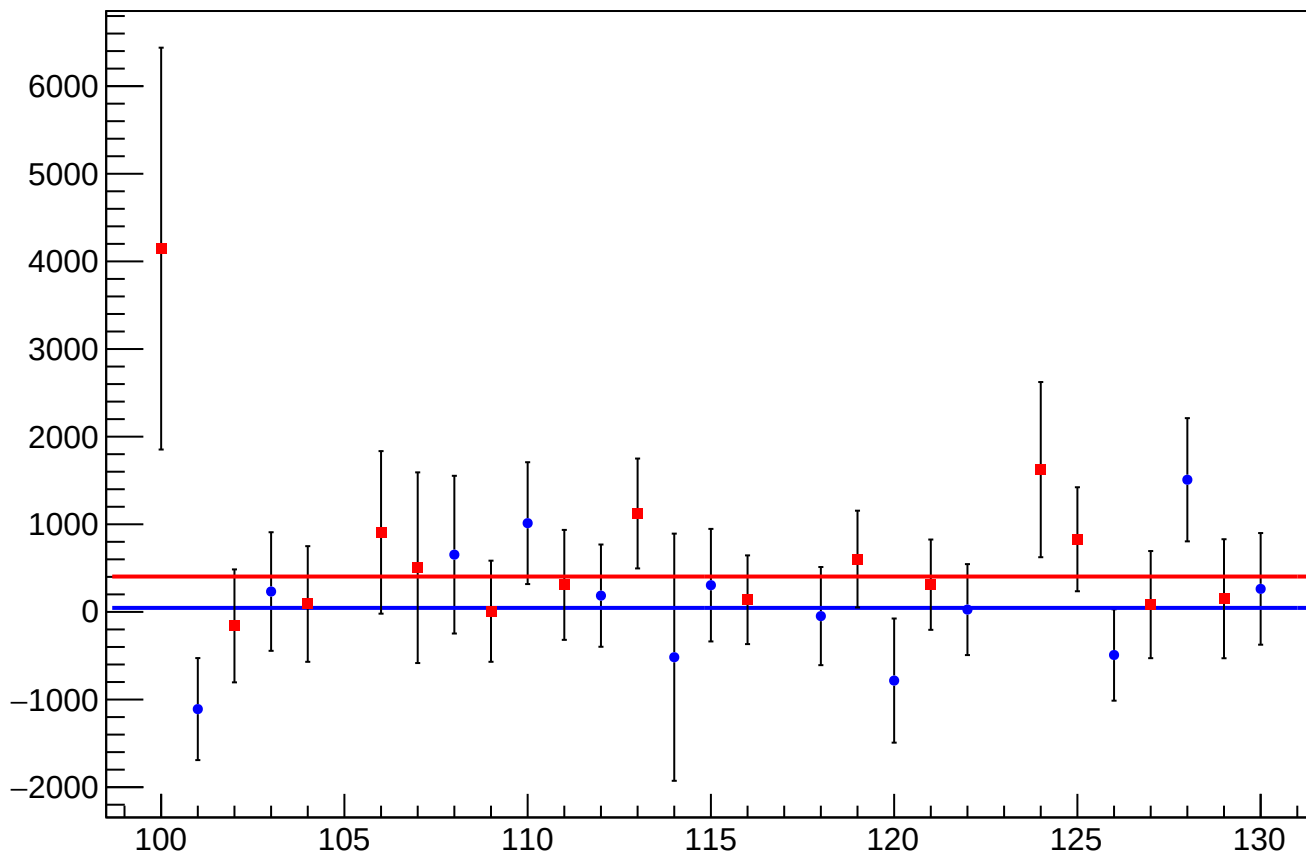
Right: 424.215 $\pm$ 0.091 χ^2 /NDF: 787233.4/27

In: 427.630 $\pm$ 0.132 χ^2 /NDF:392935.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 424.215 $\pm$ 0.091 χ^2 /NDF: 787233.4/27

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: 45.912+/-178.553 χ^2/NDF : 13.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 403.746+/-169.950 χ^2/NDF : 8.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

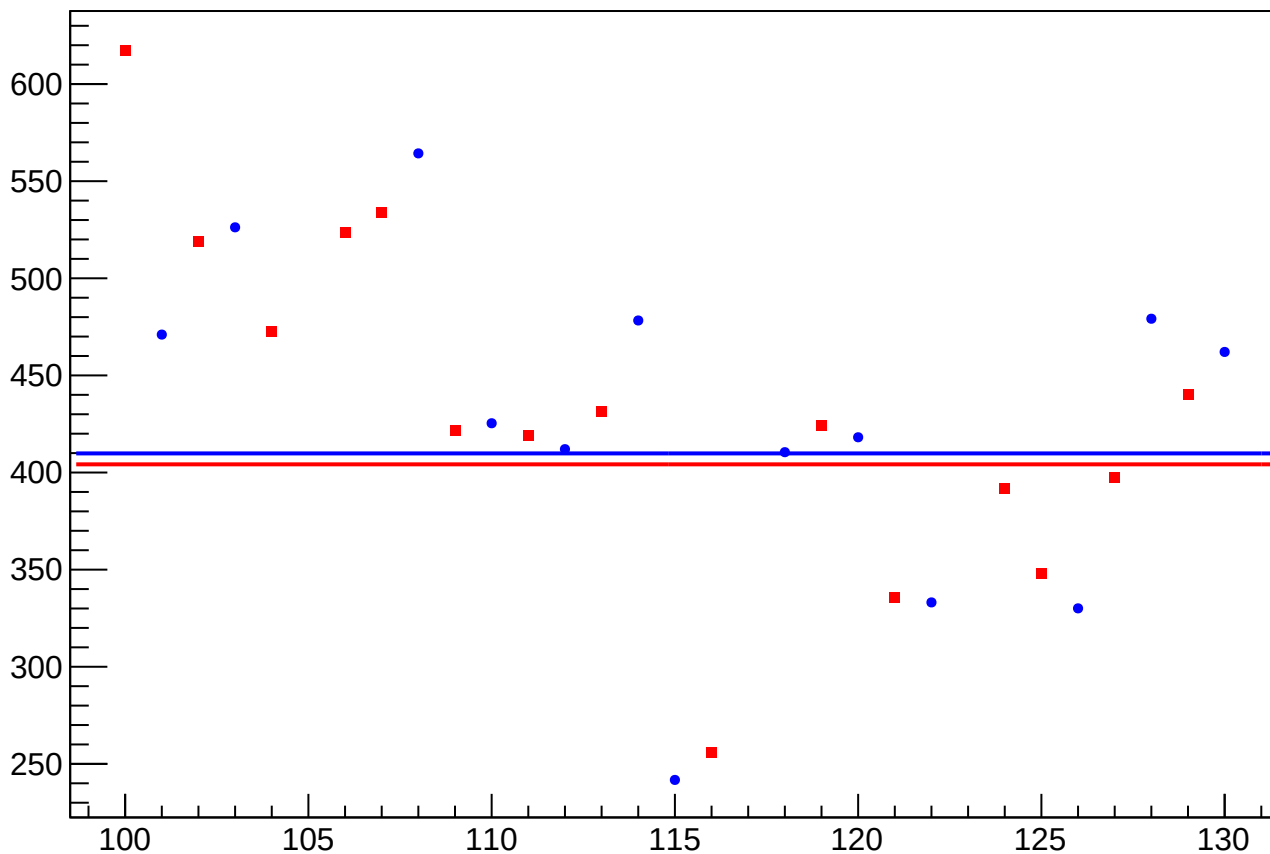
Right: 233.656+/-123.102 χ^2/NDF : 24.4/27

In: 45.912+/-178.553 χ^2/NDF : 13.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 233.656+/-123.102 χ^2/NDF : 24.4/27

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 409.844+/-0.126 χ^2/NDF : 406720.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 404.216+/-0.120 χ^2/NDF : 404368.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

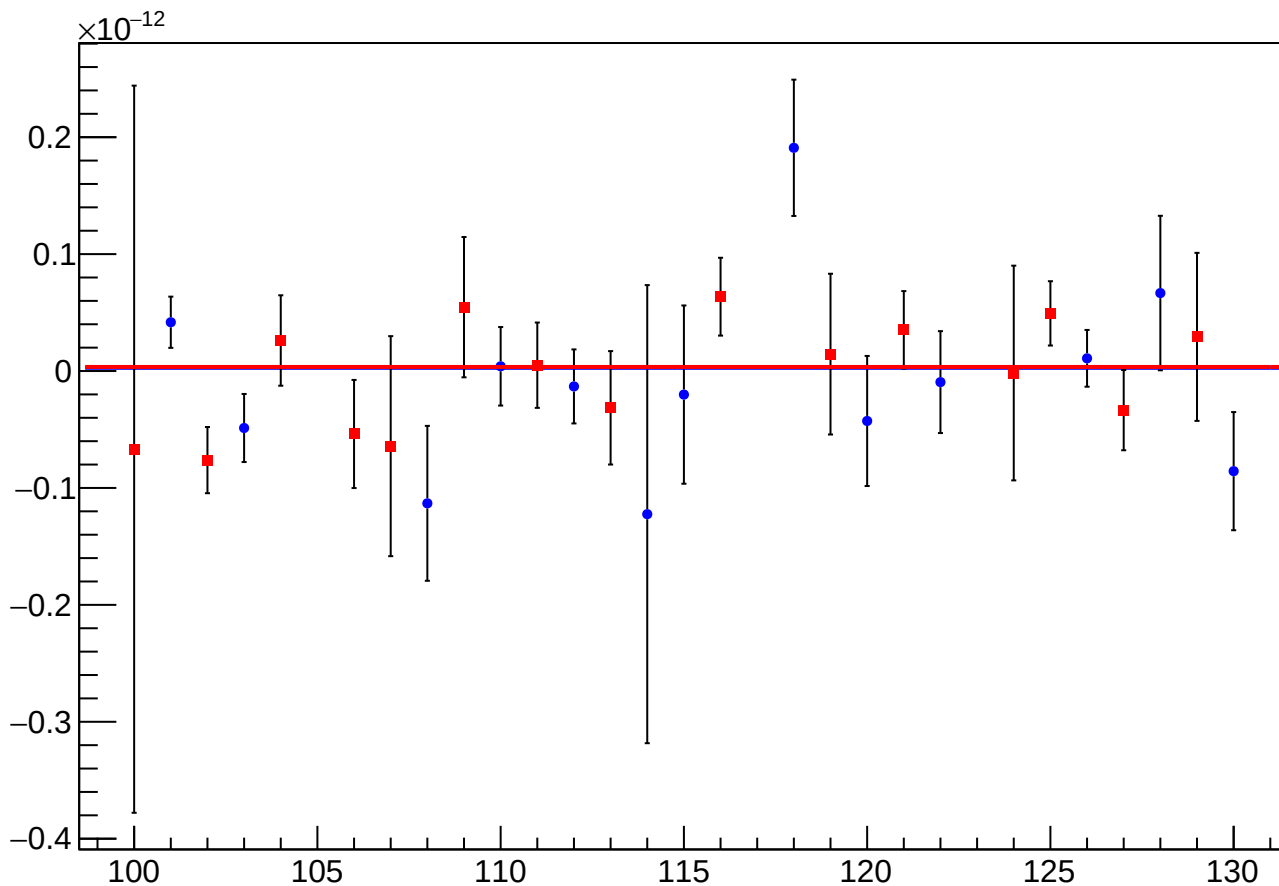
Right: 406.891+/-0.087 χ^2/NDF : 812131.2/27

In: 409.844+/-0.126 χ^2/NDF : 406720.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 406.891+/-0.087 χ^2/NDF : 812131.2/27

asym_sam_1357_2468_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 25.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 19.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

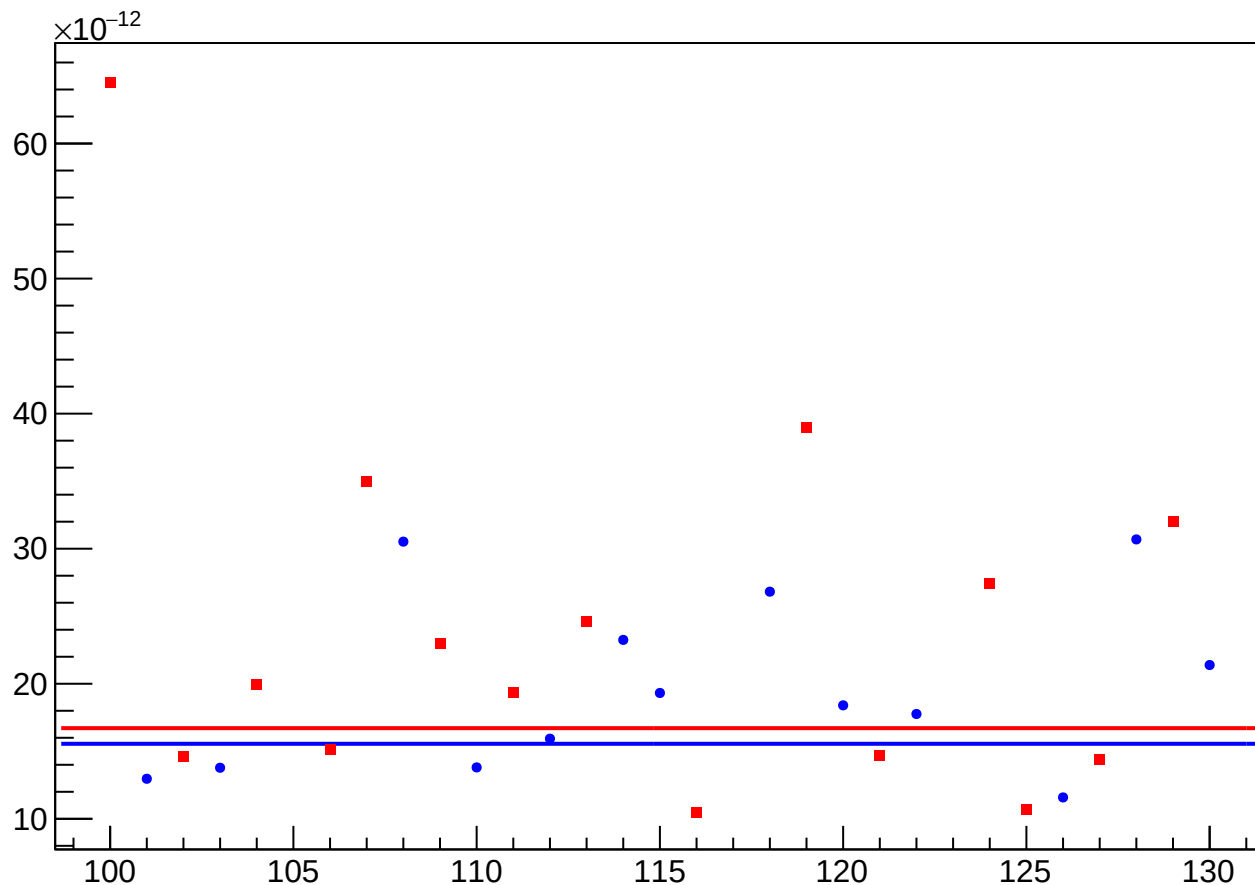
Right: 0.000+/-0.000 χ^2/NDF : 45.3/27

In: 0.000+/-0.000 χ^2/NDF : 25.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 45.3/27

asym_sam_1357_2468_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 421306.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 745696.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

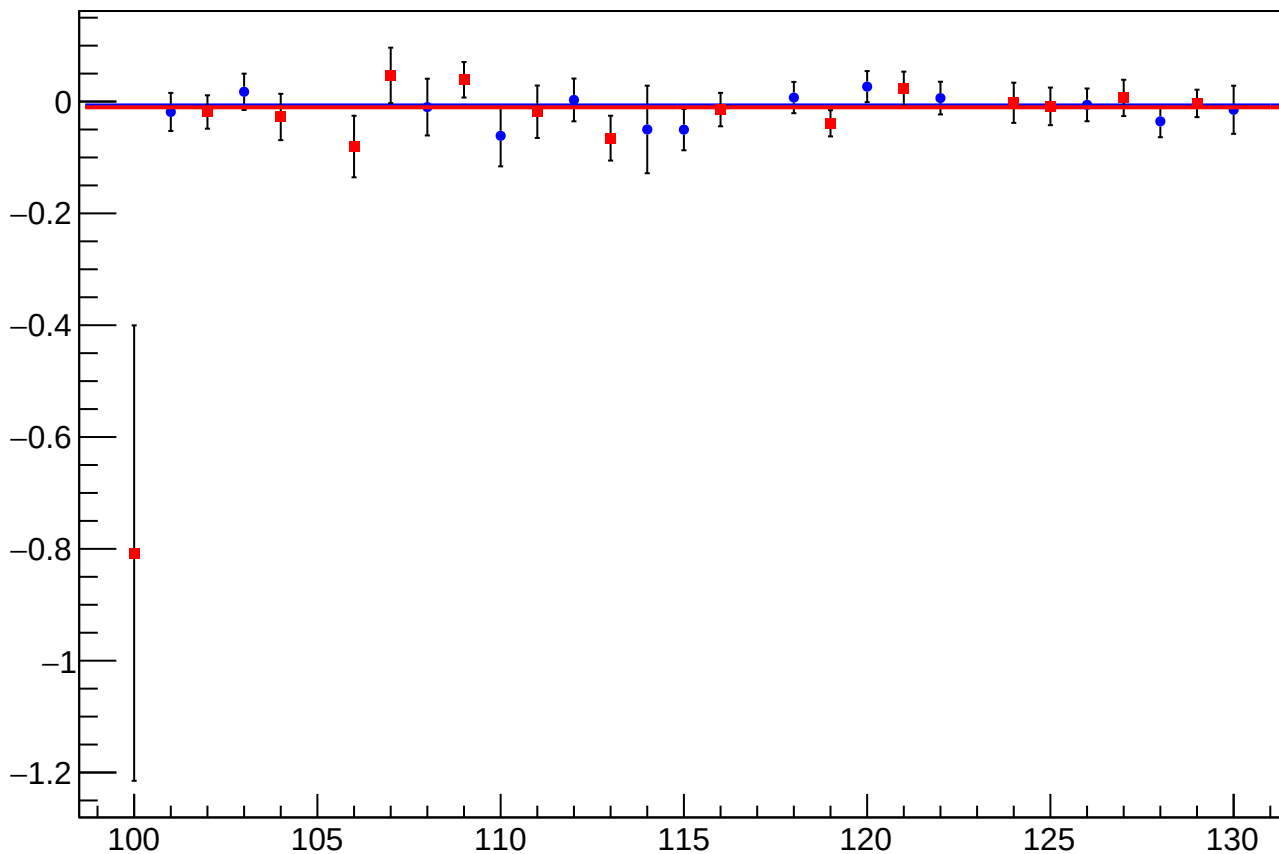
Right: 0.000+/-0.000 χ^2/NDF : 1178713.9/27

In: 0.000+/-0.000 χ^2/NDF : 421306.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1178713.9/27

asym_sam_1357_2468_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.010 χ^2/NDF : 6.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.010 ± 0.009 χ^2/NDF : 14.4/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

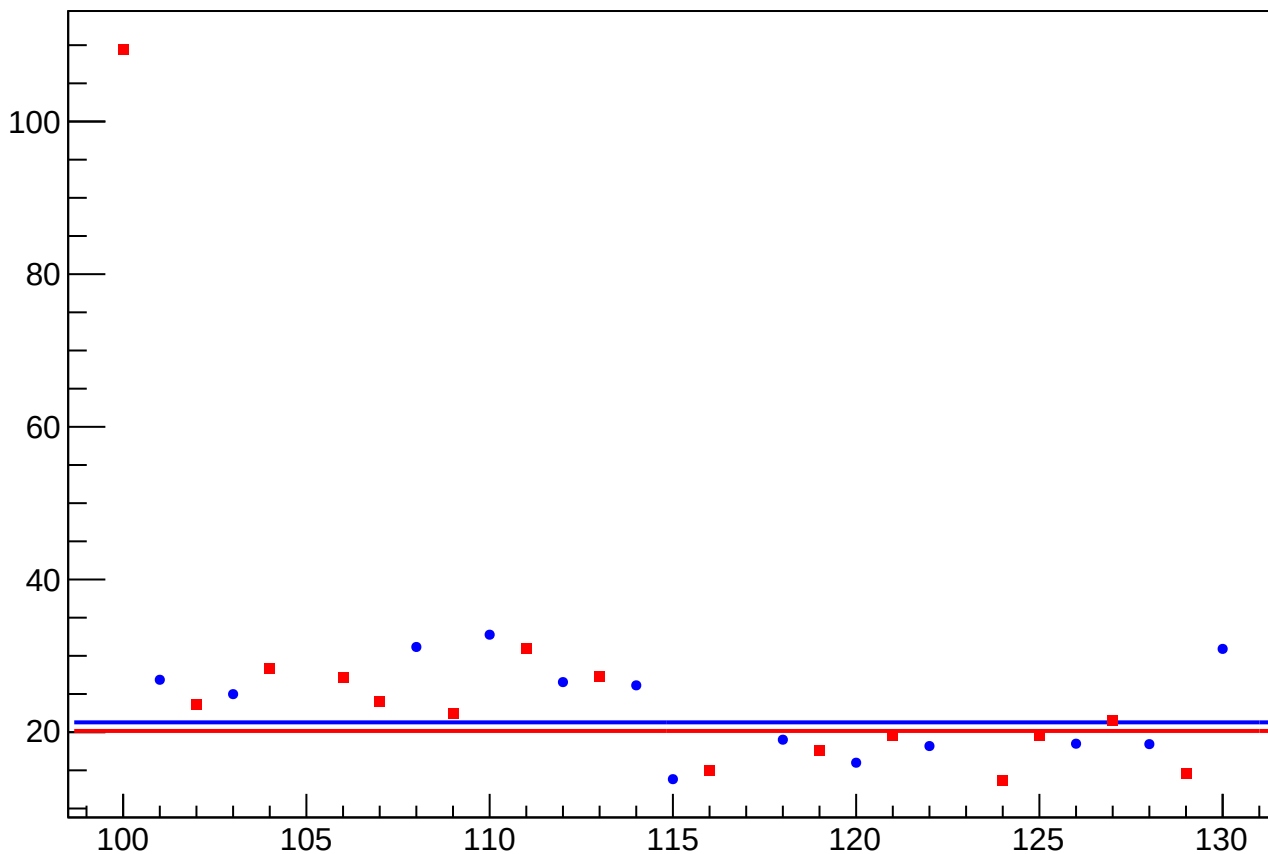
Right: -0.009 ± 0.007 χ^2/NDF : 20.8/27

In: -0.007 ± 0.010 χ^2/NDF : 6.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.007 χ^2/NDF : 20.8/27

asym_sam_1357_2468_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.286+/-0.007 χ^2/NDF : 616679.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.160+/-0.006 χ^2/NDF : 682643.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

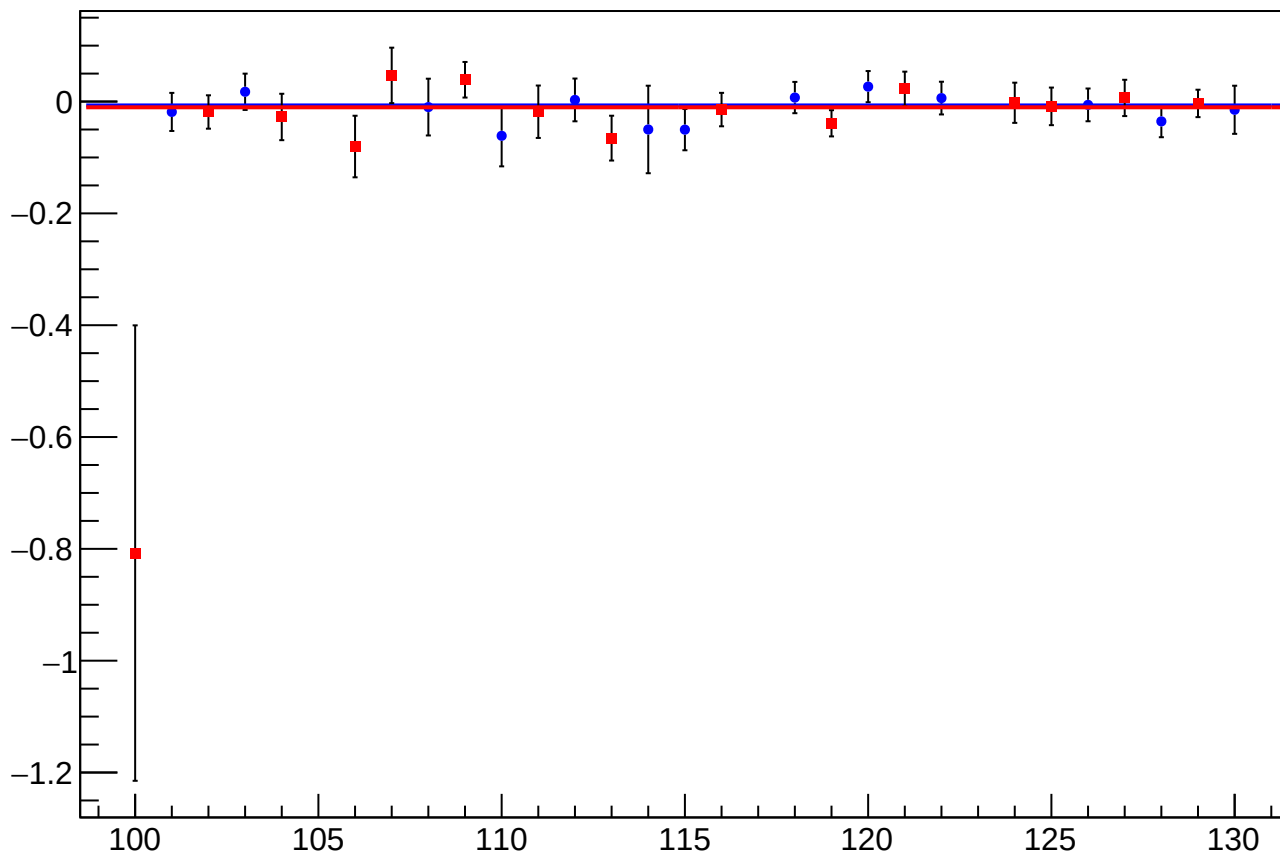
Right: 20.676+/-0.005 χ^2/NDF : 1314161.3/27

In: 21.286+/-0.007 χ^2/NDF : 616679.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.676+/-0.005 χ^2/NDF : 1314161.3/27

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.010 χ^2/NDF : 6.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.010 ± 0.009 χ^2/NDF : 14.4/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

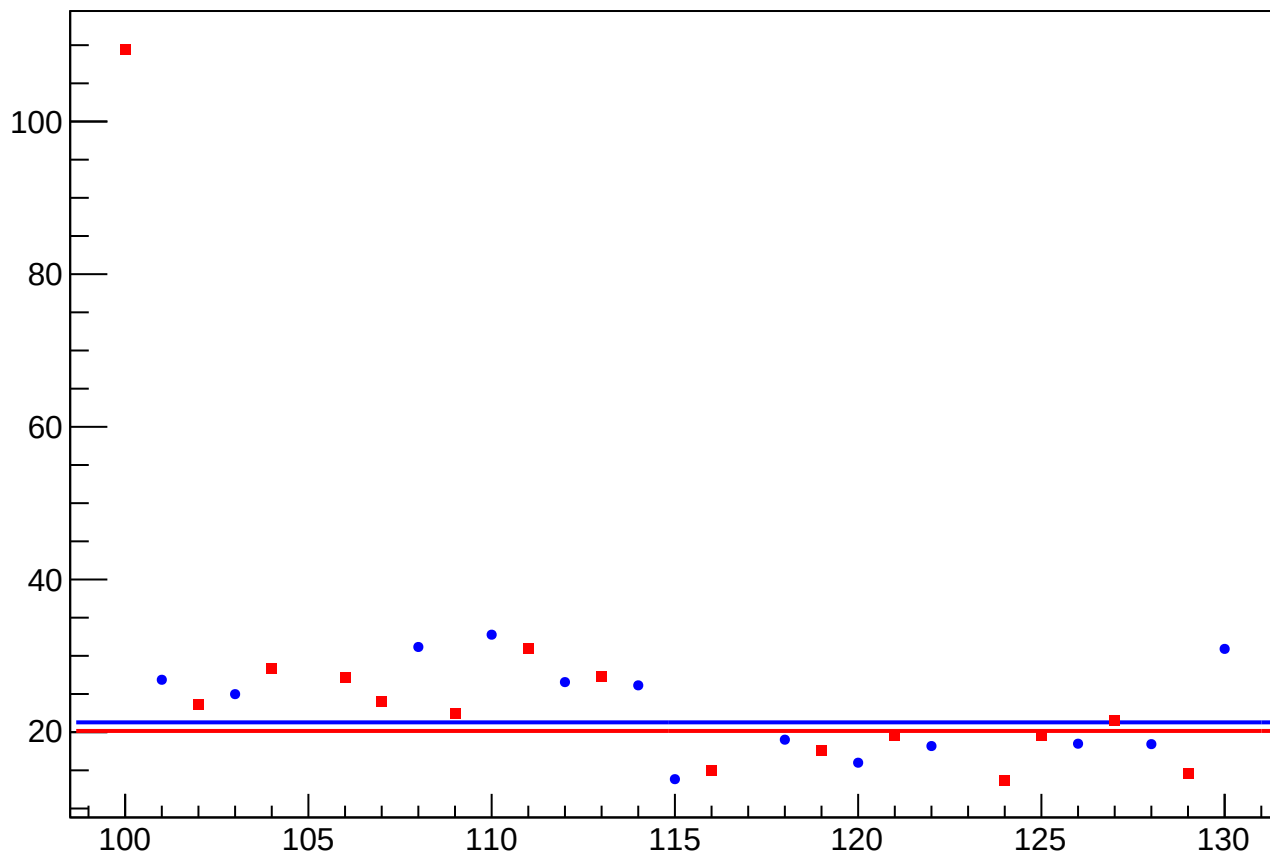
Right: -0.009 ± 0.007 χ^2/NDF : 20.8/27

In: -0.007 ± 0.010 χ^2/NDF : 6.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.007 χ^2/NDF : 20.8/27

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.286+/-0.007 χ^2/NDF : 616679.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.160+/-0.006 χ^2/NDF : 682643.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

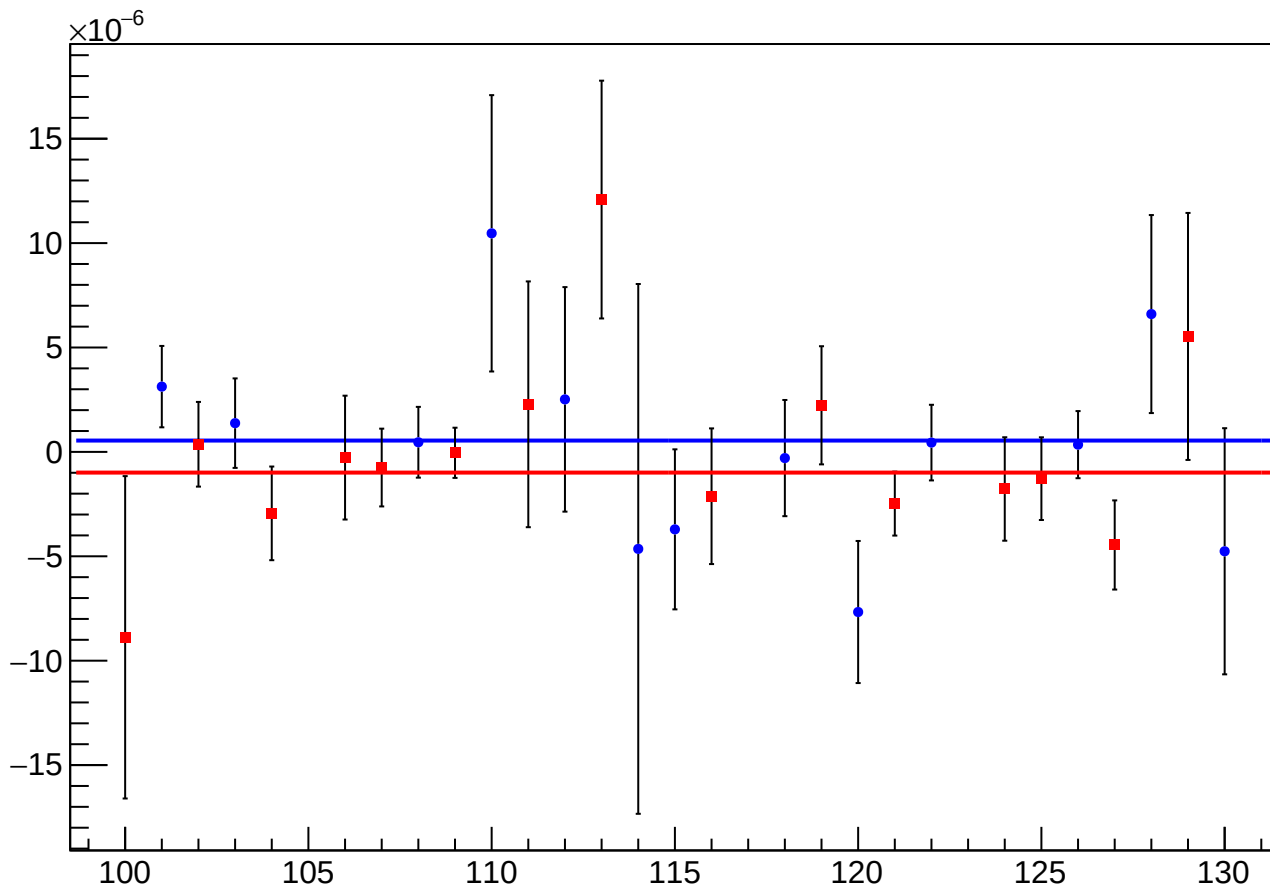
Right: 20.676+/-0.005 χ^2/NDF : 1314161.3/27

In: 21.286+/-0.007 χ^2/NDF : 616679.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.676+/-0.005 χ^2/NDF : 1314161.3/27

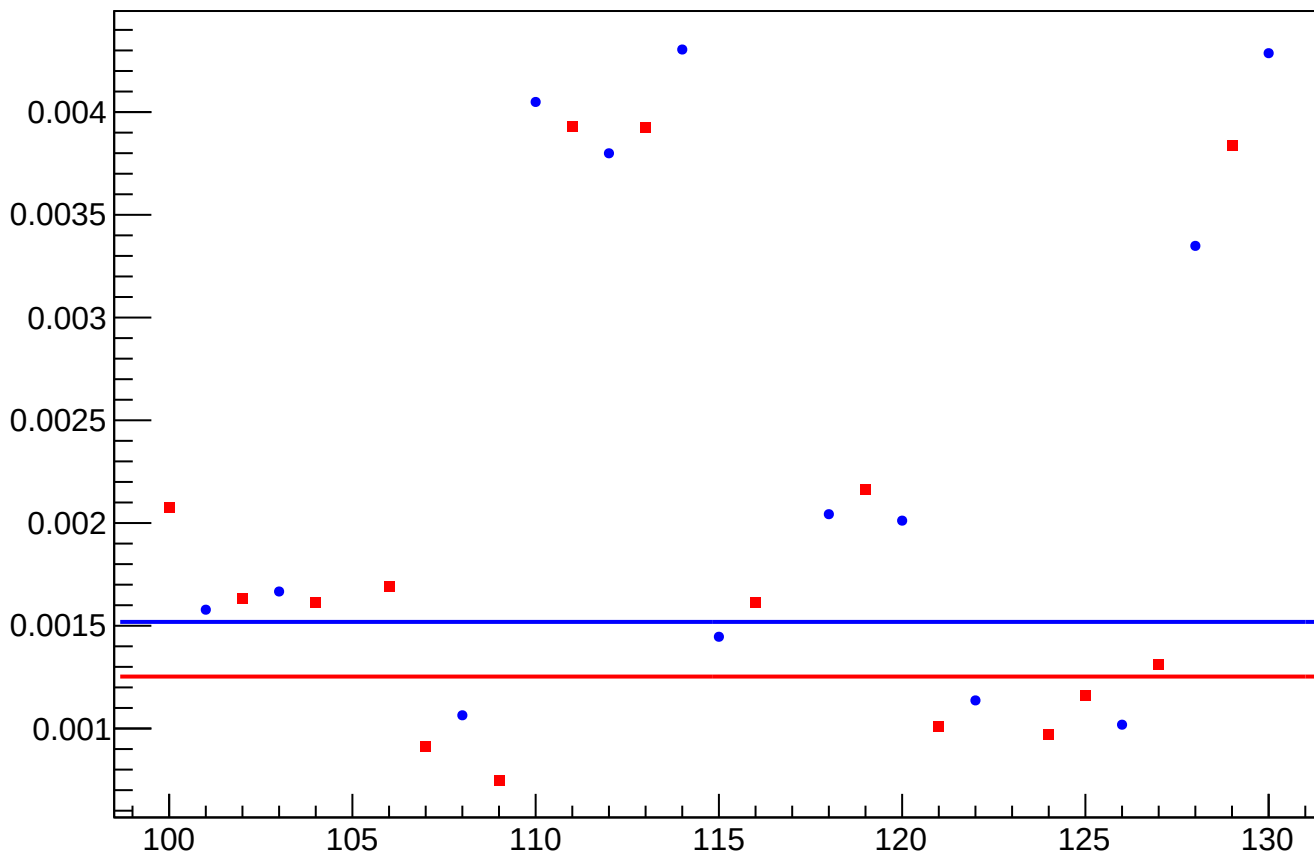
asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.1/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 14.9/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 31.7/27
 In: 0.000+/-0.000 χ^2/NDF : 14.1/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 31.7/27

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2038986.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2159265.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

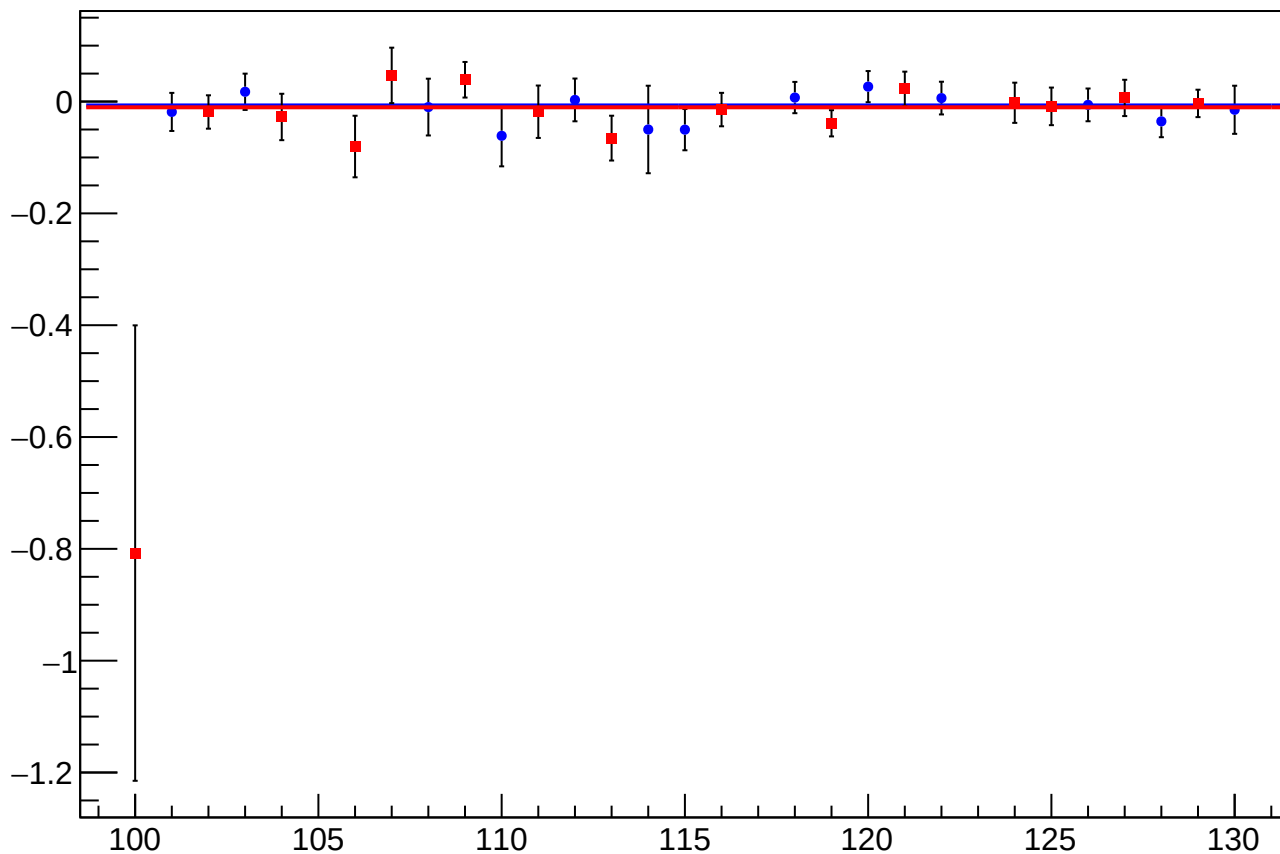
Right: 0.001+/-0.000 χ^2/NDF : 4363380.8/27

In: 0.002+/-0.000 χ^2/NDF :2038986.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4363380.8/27

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.010 χ^2/NDF : 6.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.010 ± 0.009 χ^2/NDF : 14.4/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

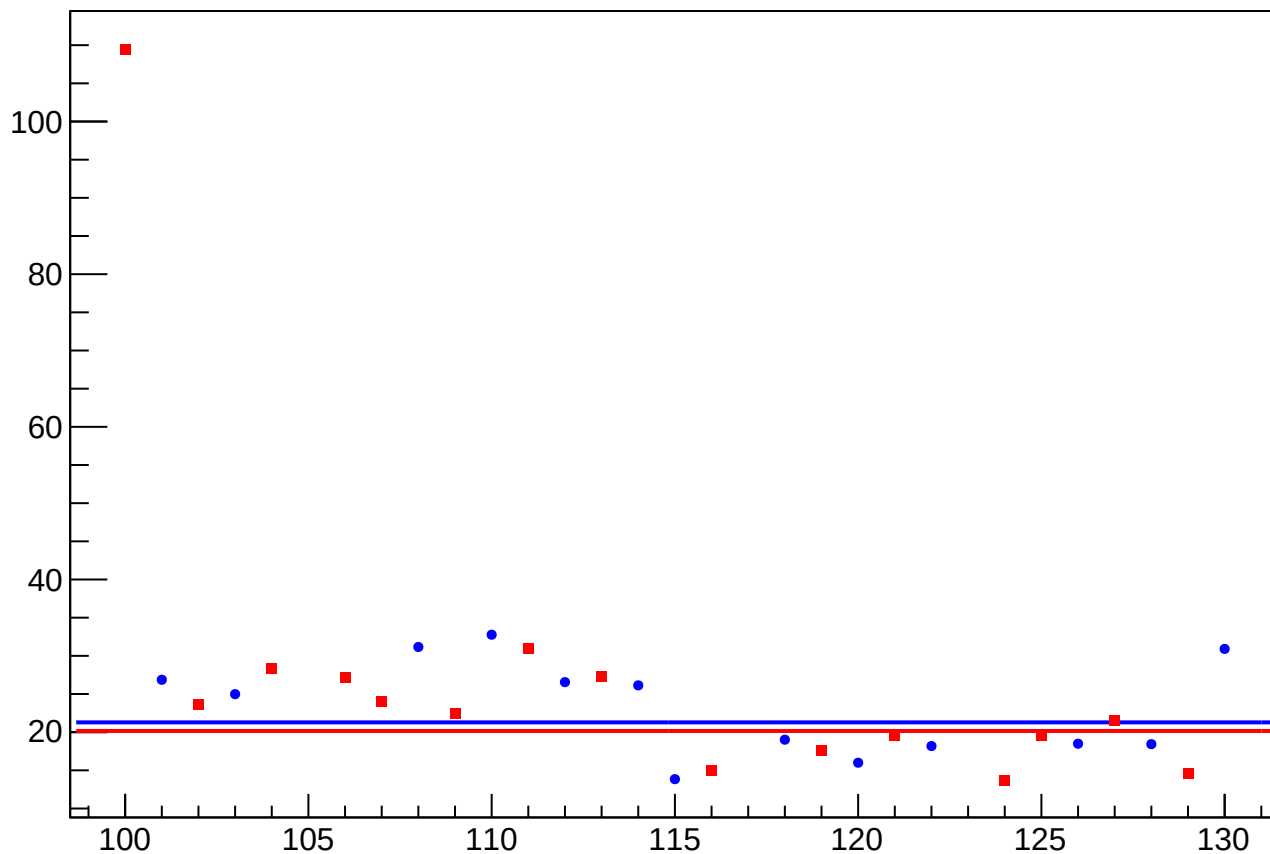
Right: -0.009 ± 0.007 χ^2/NDF : 20.8/27

In: -0.007 ± 0.010 χ^2/NDF : 6.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.007 χ^2/NDF : 20.8/27

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.285+/-0.007 χ^2/NDF : 616594.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.159+/-0.006 χ^2/NDF : 682666.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

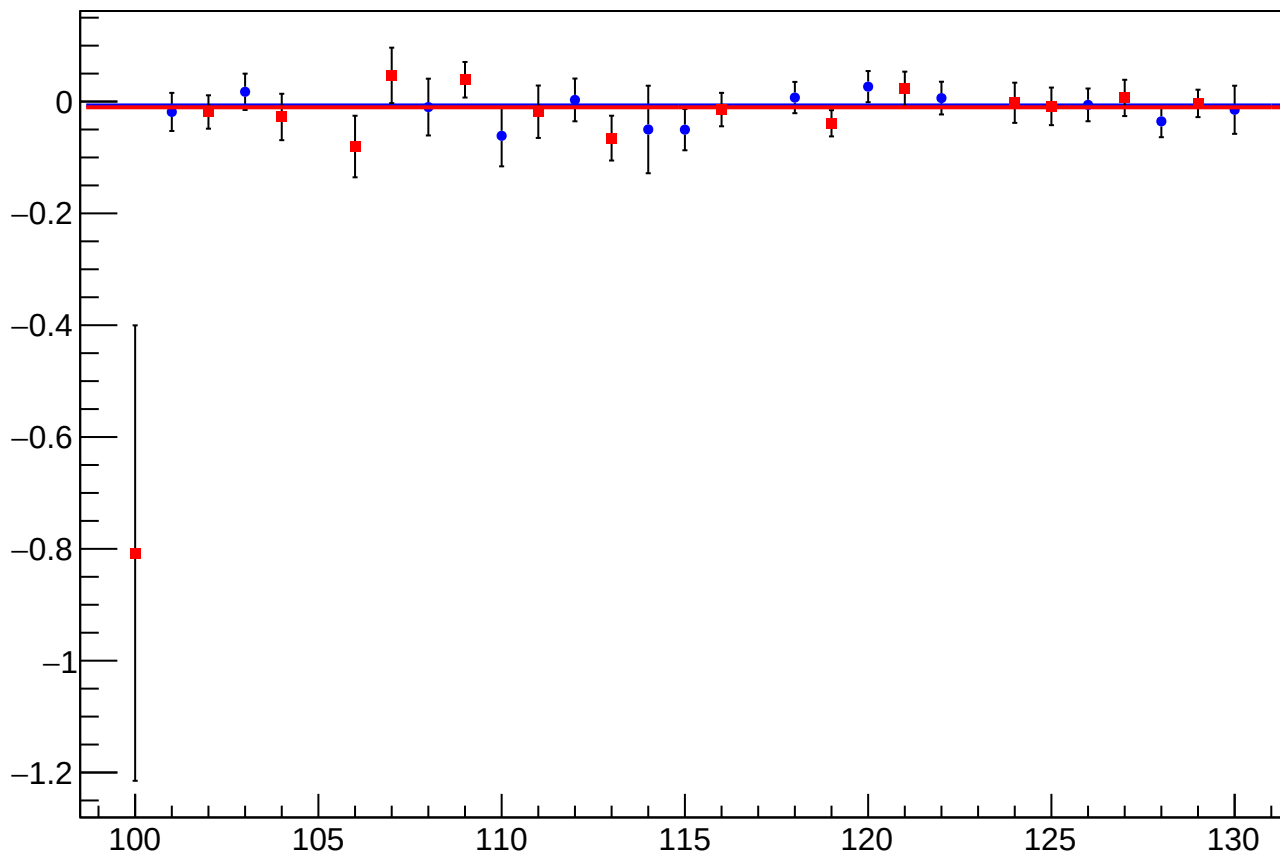
Right: 20.675+/-0.005 χ^2/NDF : 1314104.2/27

In: 21.285+/-0.007 χ^2/NDF : 616594.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.675+/-0.005 χ^2/NDF : 1314104.2/27

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.010 χ^2/NDF : 6.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.010 ± 0.009 χ^2/NDF : 14.4/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

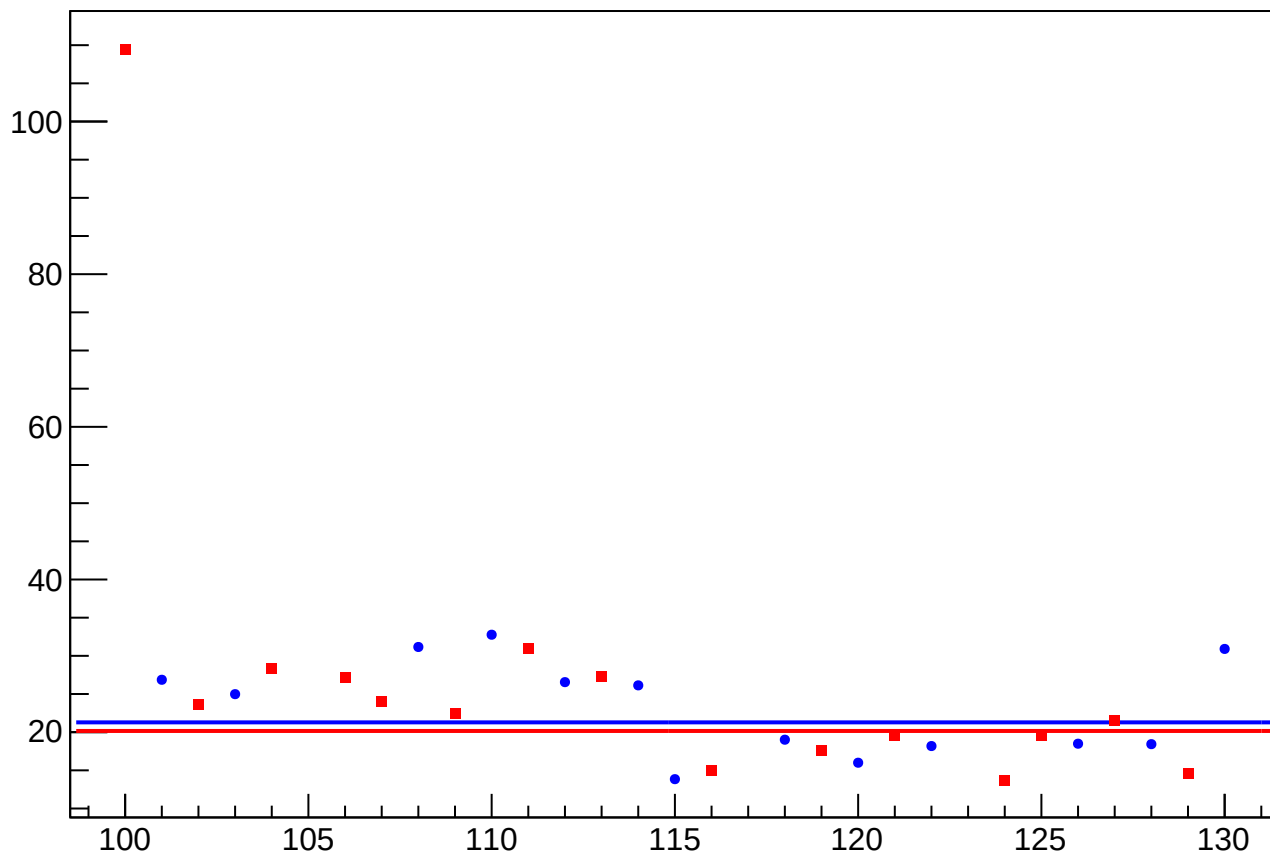
Right: -0.009 ± 0.007 χ^2/NDF : 20.8/27

In: -0.007 ± 0.010 χ^2/NDF : 6.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.007 χ^2/NDF : 20.8/27

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.285+/-0.007 χ^2/NDF : 616594.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.159+/-0.006 χ^2/NDF : 682666.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

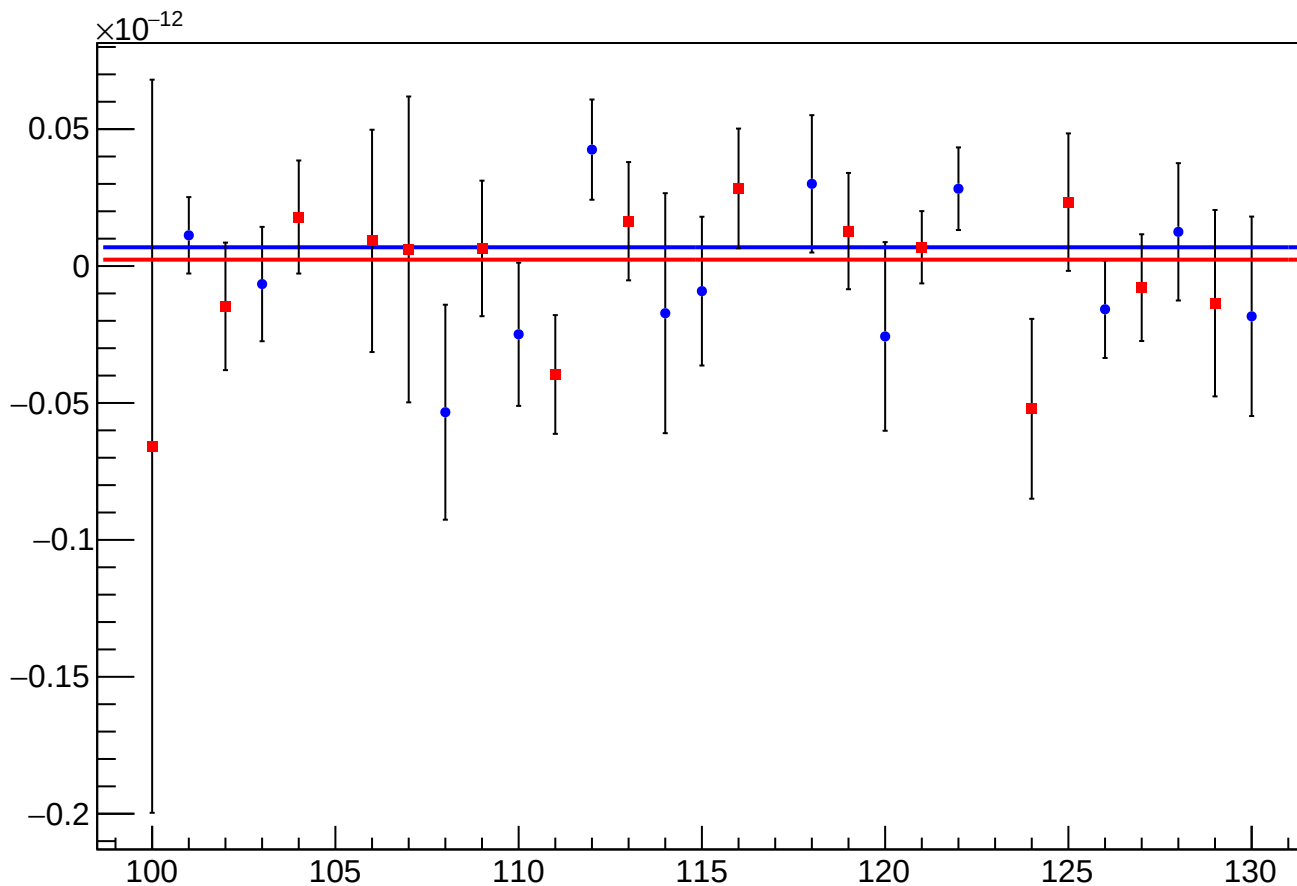
Right: 20.675+/-0.005 χ^2/NDF : 1314104.2/27

In: 21.285+/-0.007 χ^2/NDF : 616594.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.675+/-0.005 χ^2/NDF : 1314104.2/27

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

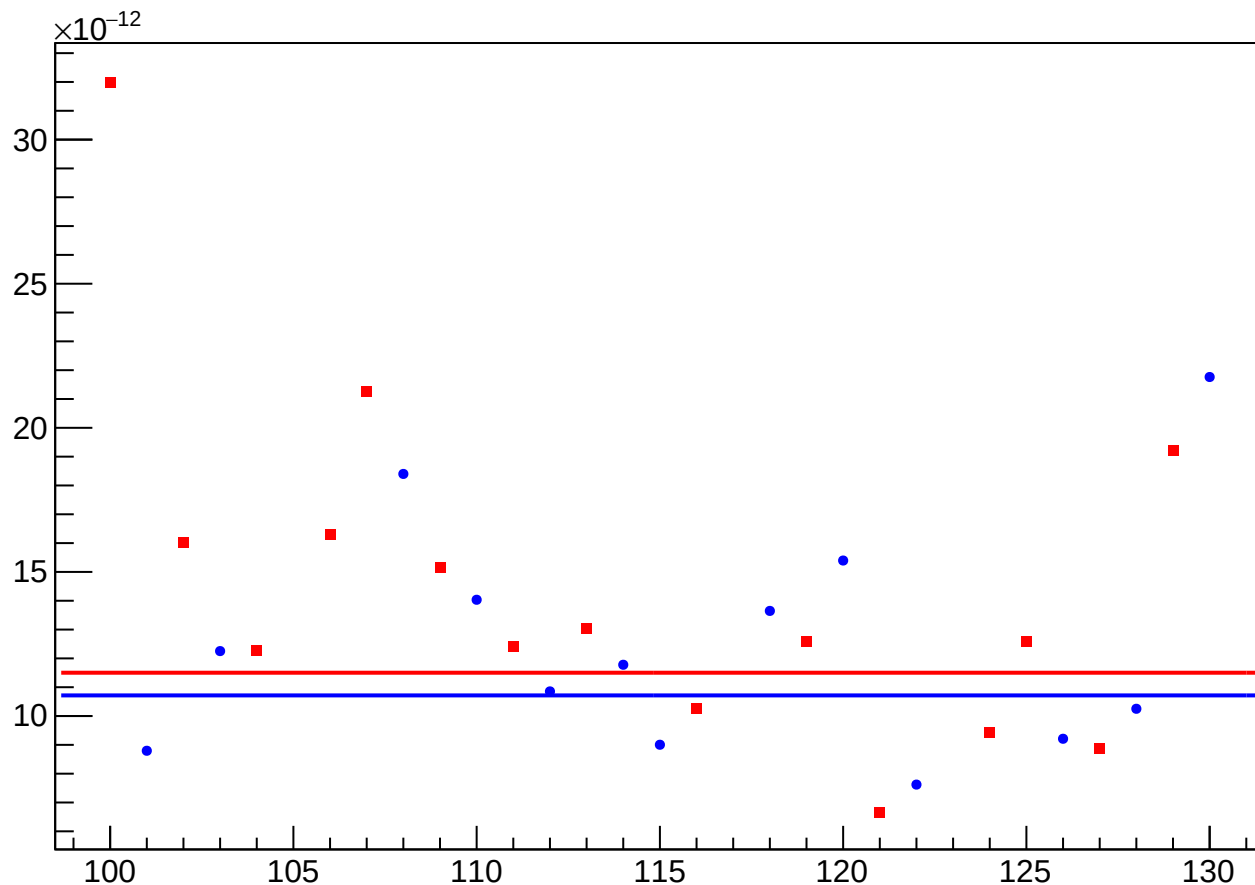
Right: 0.000+/-0.000 χ^2/NDF : 26.3/27

In: 0.000+/-0.000 χ^2/NDF : 14.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.3/27

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 514252.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 703702.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

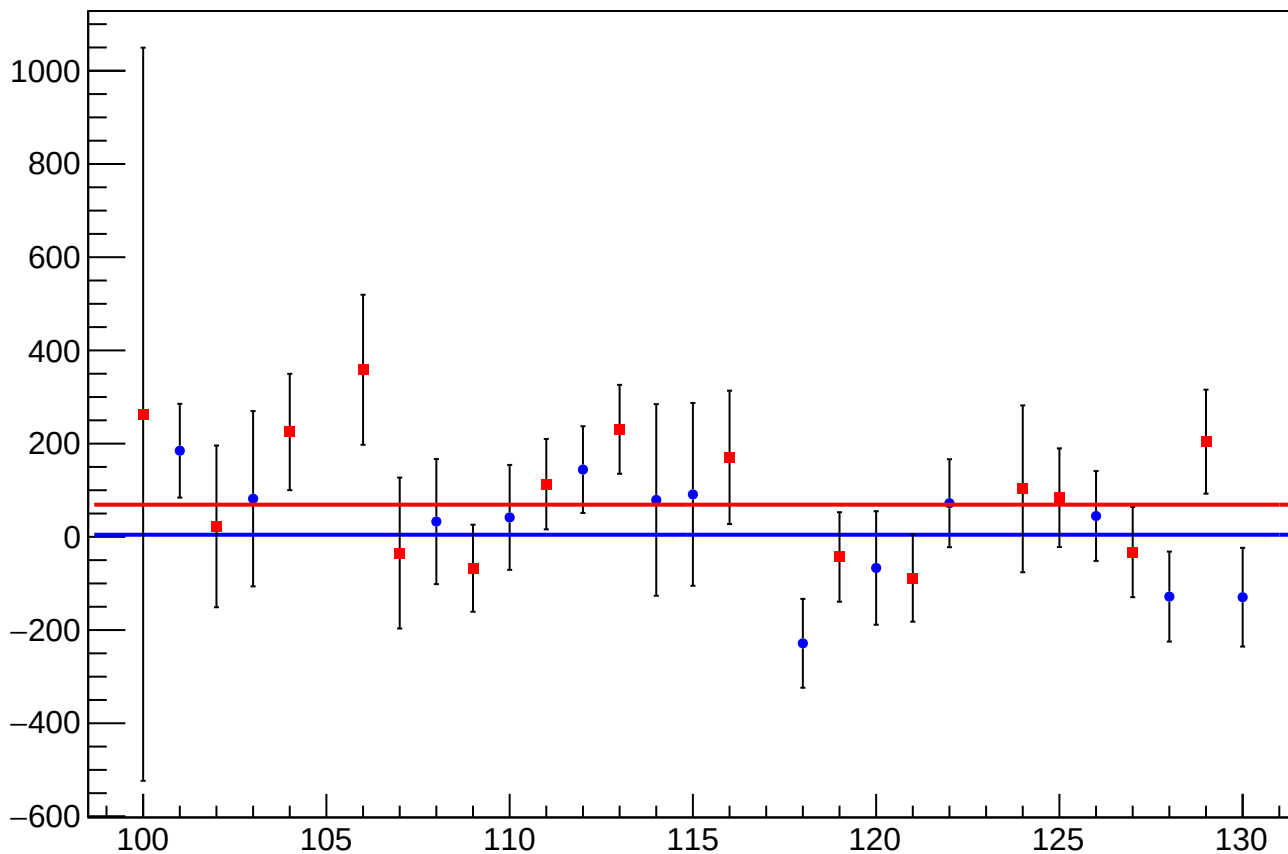
Right: 0.000+/-0.000 χ^2/NDF : 1234640.1/27

In: 0.000+/-0.000 χ^2/NDF : 514252.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1234640.1/27

reg_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 4.525+/-31.300 χ^2/NDF : 16.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.988+/-30.350 χ^2/NDF : 17.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

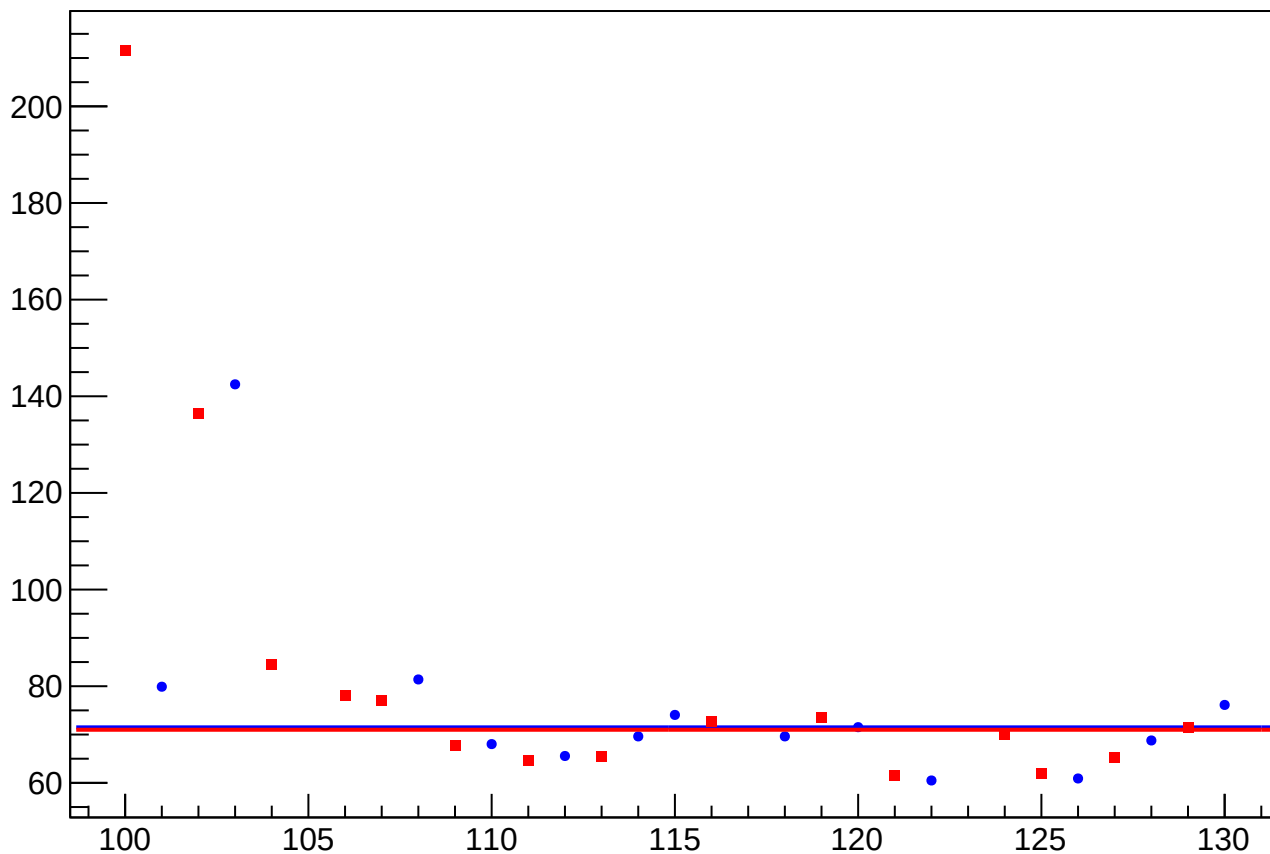
Right: 37.750+/-21.789 χ^2/NDF : 36.7/27

In: 4.525+/-31.300 χ^2/NDF : 16.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.750+/-21.789 χ^2/NDF : 36.7/27

reg_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 71.487+/-0.022 χ^2/NDF : 377859.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.991+/-0.021 χ^2/NDF : 440033.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

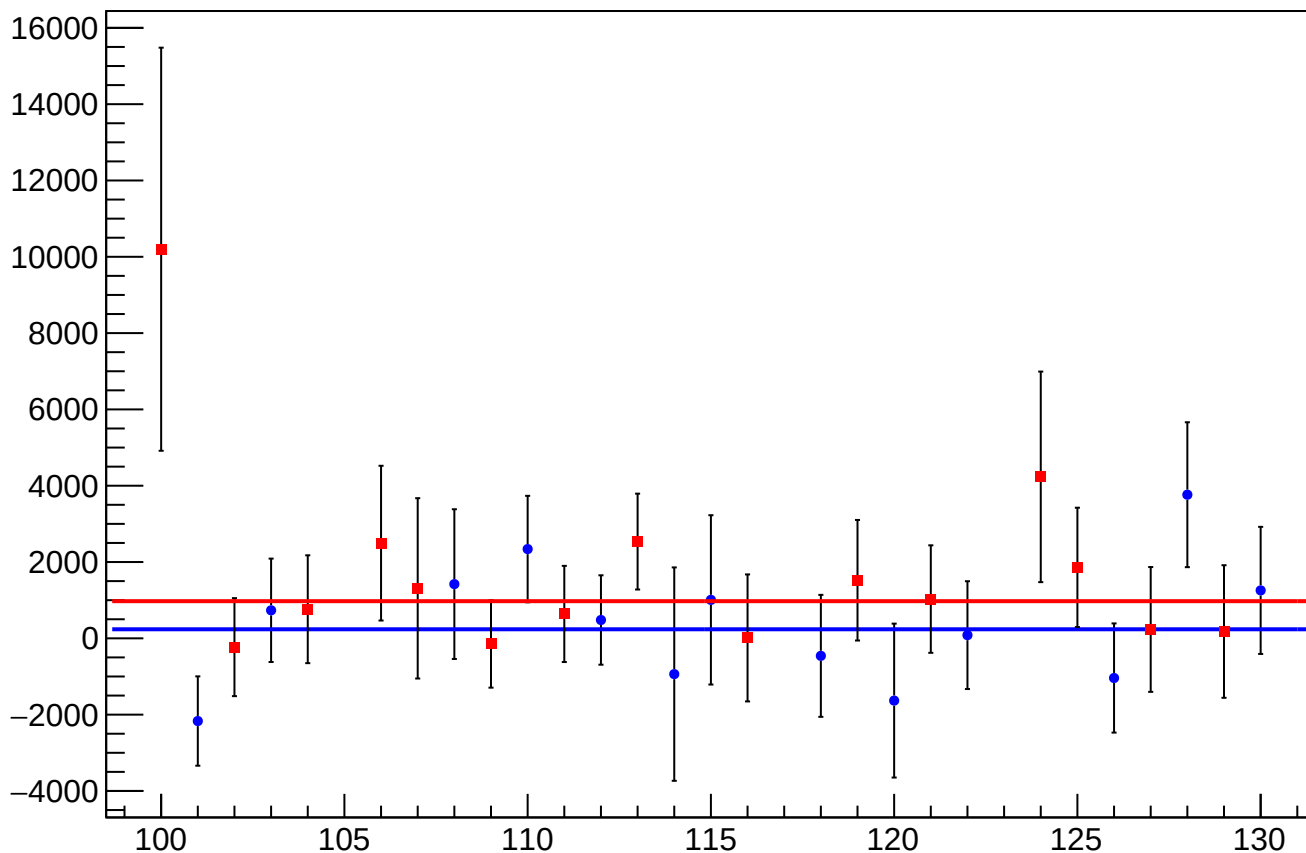
Right: 71.231+/-0.015 χ^2/NDF : 818151.4/27

In: 71.487+/-0.022 χ^2/NDF : 377859.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.231+/-0.015 χ^2/NDF : 818151.4/27

asym_sam_12345678_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 237.383+/-431.477 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 974.149+/-404.902 χ^2/NDF : 9.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

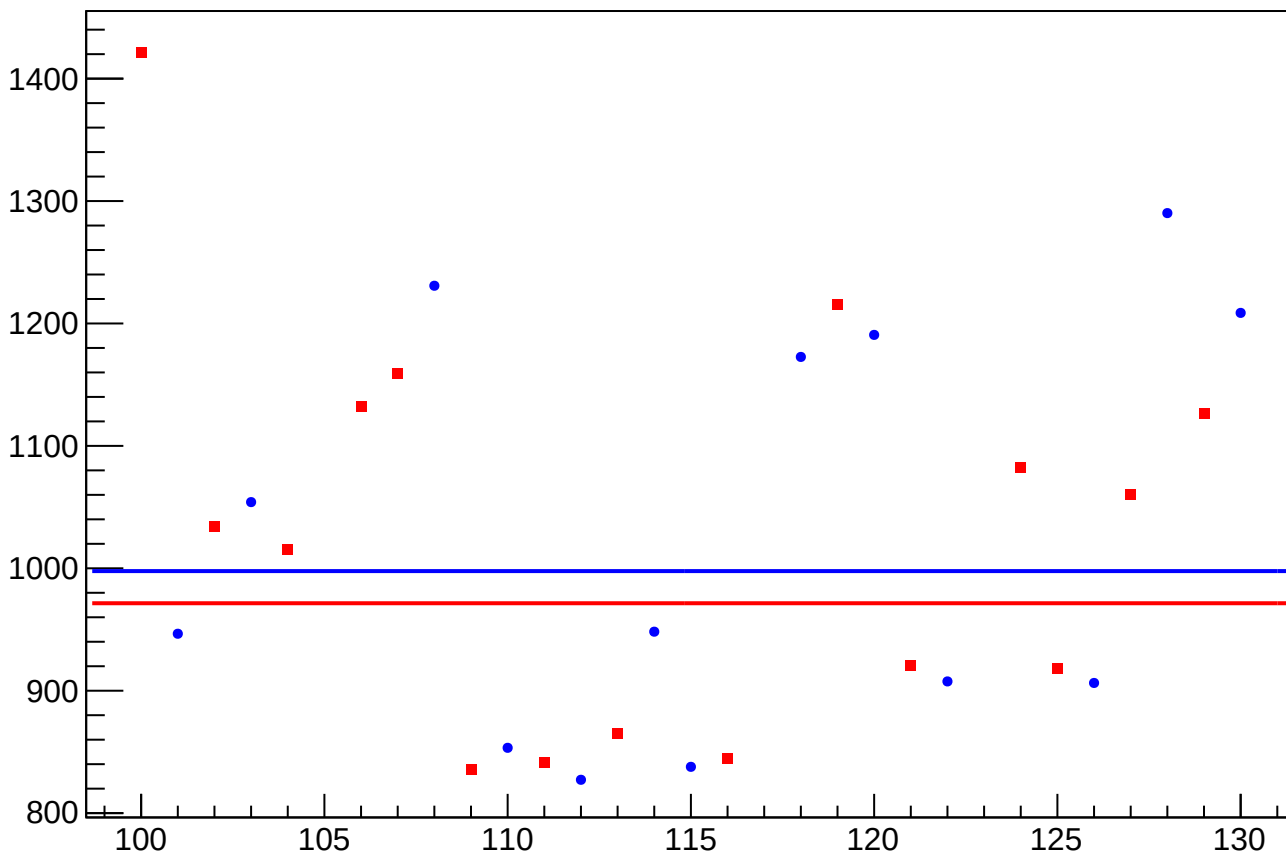
Right: 629.152+/-295.257 χ^2/NDF : 24.3/27

In: 237.383+/-431.477 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 629.152+/-295.257 χ^2/NDF : 24.3/27

asym_sam_12345678_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 997.723+/-0.305 χ^2/NDF : 248325.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 971.462+/-0.286 χ^2/NDF : 199465.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

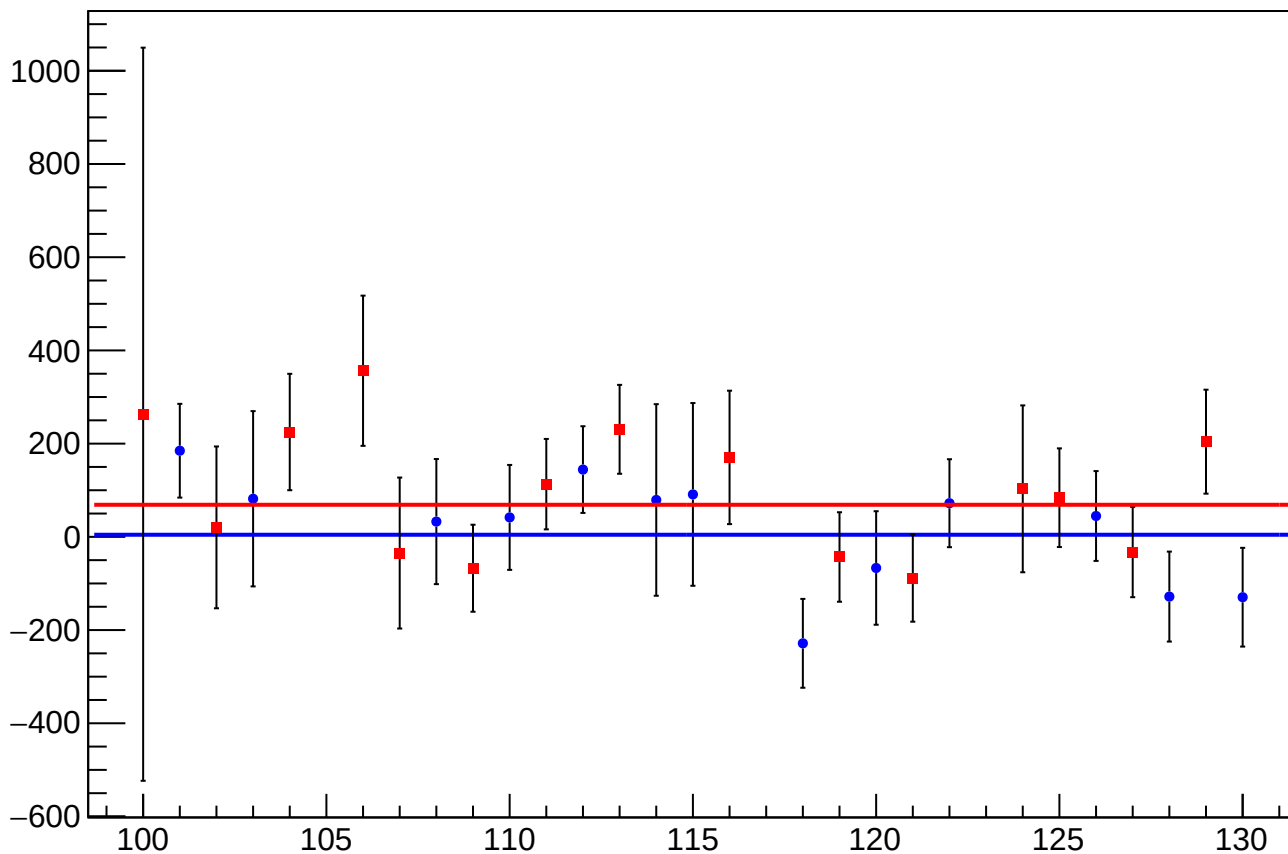
Right: 983.759+/-0.209 χ^2/NDF : 451729.5/27

In: 997.723+/-0.305 χ^2/NDF : 248325.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 983.759+/-0.209 χ^2/NDF : 451729.5/27

cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 4.517+/-31.300 χ^2/NDF : 16.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.823+/-30.351 χ^2/NDF : 17.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

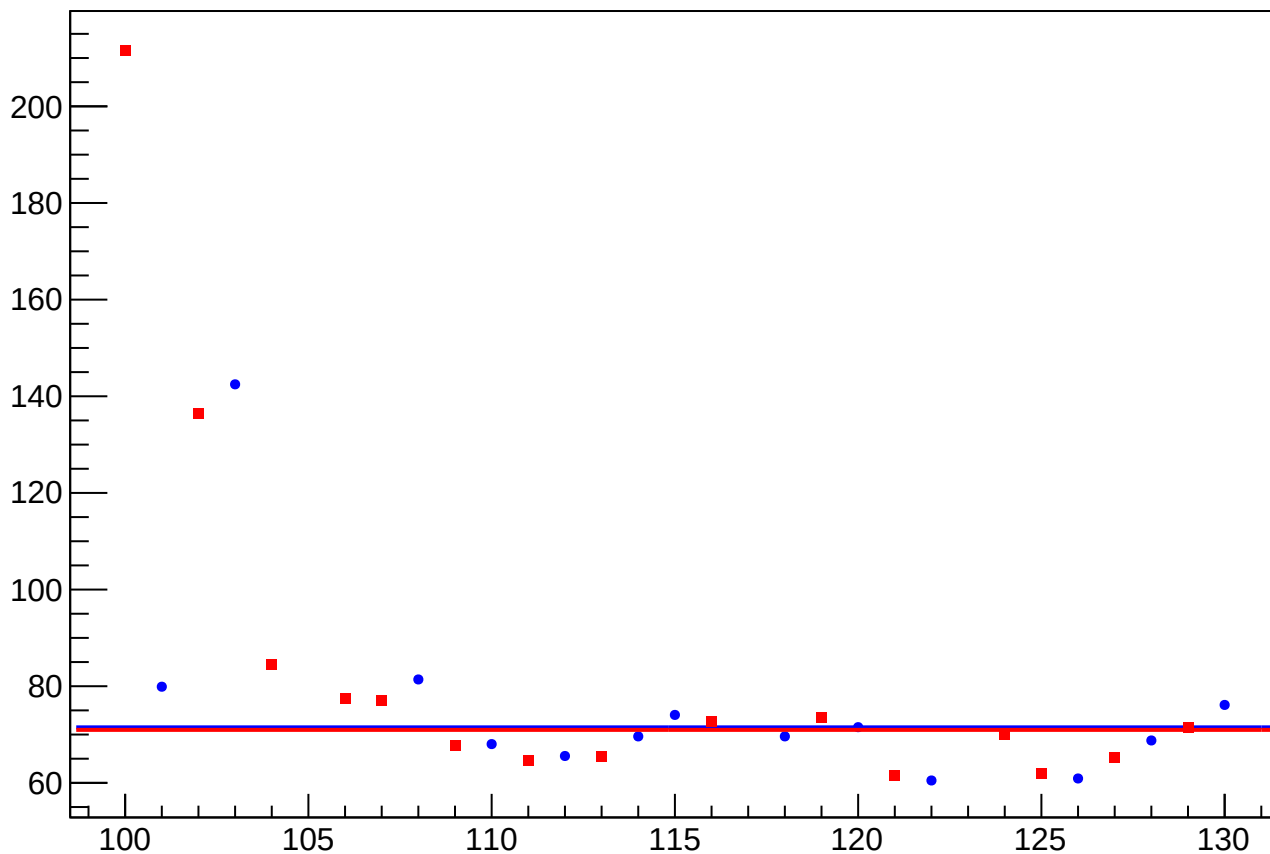
Right: 37.659+/-21.789 χ^2/NDF : 36.6/27

In: 4.517+/-31.300 χ^2/NDF : 16.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.659+/-21.789 χ^2/NDF : 36.6/27

cor_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 71.487+/-0.022 χ^2/NDF : 377862.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.965+/-0.021 χ^2/NDF : 439569.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

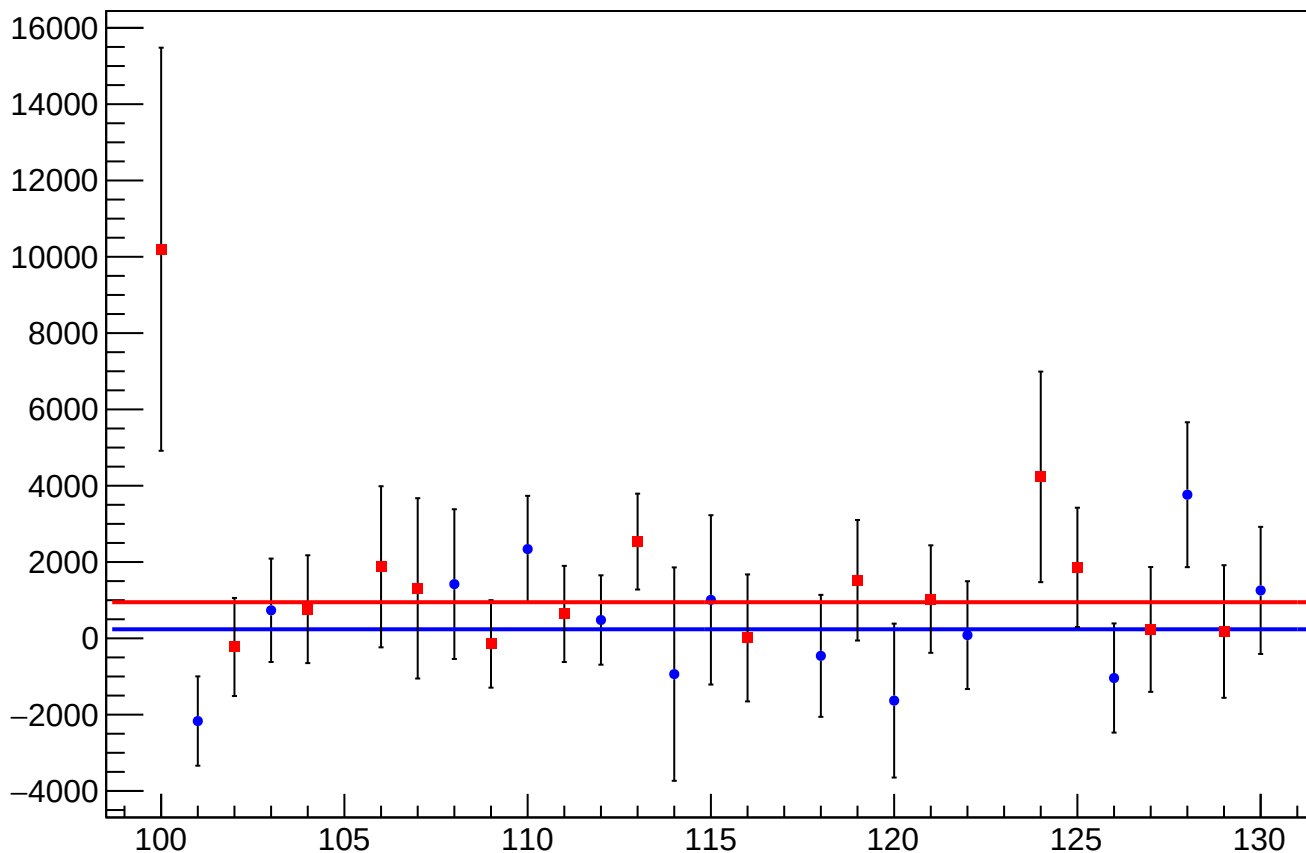
Right: 71.218+/-0.015 χ^2/NDF : 817717.6/27

In: 71.487+/-0.022 χ^2/NDF : 377862.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.218+/-0.015 χ^2/NDF : 817717.6/27

asym_sam_12345678_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 237.433+/-431.481 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 947.248+/-405.560 χ^2/NDF : 9.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

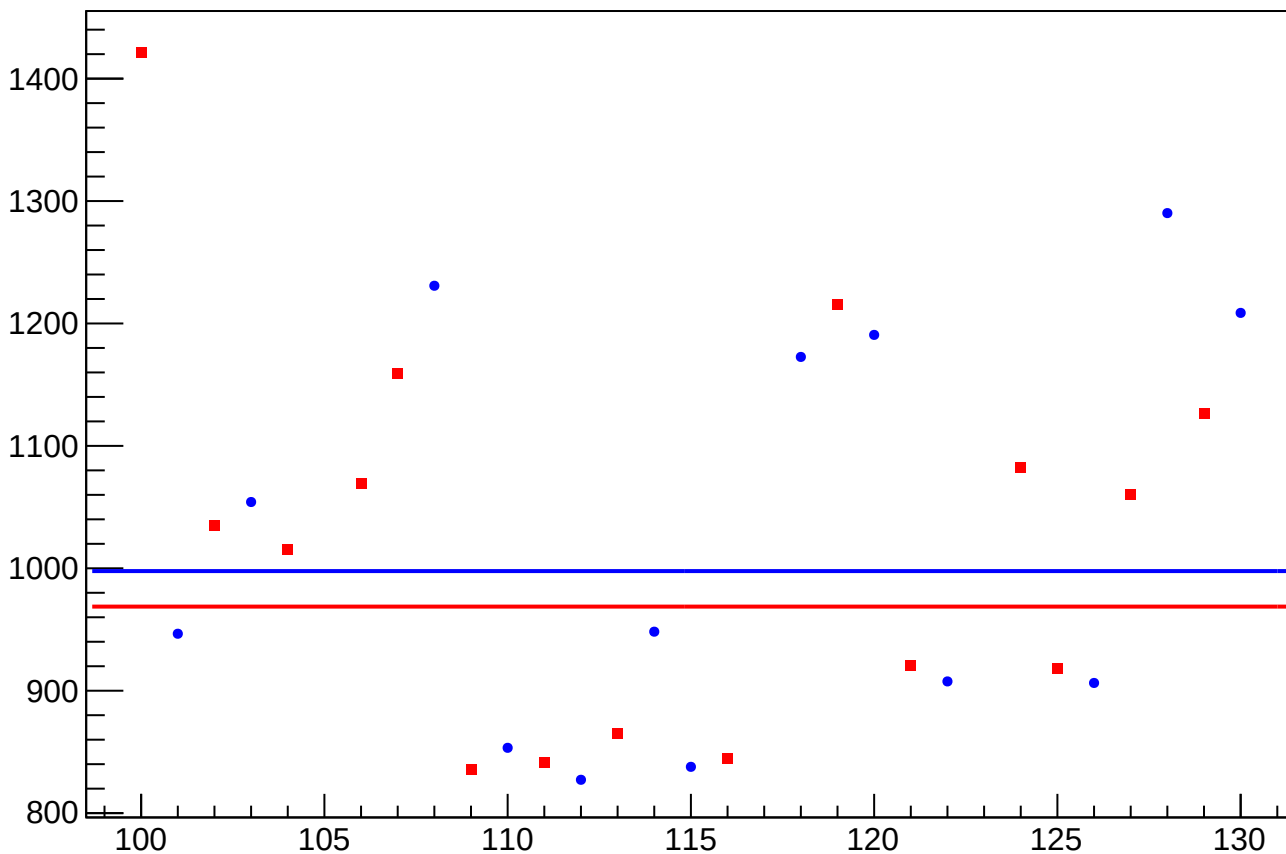
Right: 614.301+/-295.513 χ^2/NDF : 23.7/27

In: 237.433+/-431.481 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 614.301+/-295.513 χ^2/NDF : 23.7/27

asym_sam_12345678_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 997.731+/-0.305 χ^2/NDF : 248335.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 968.717+/-0.287 χ^2/NDF : 191239.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

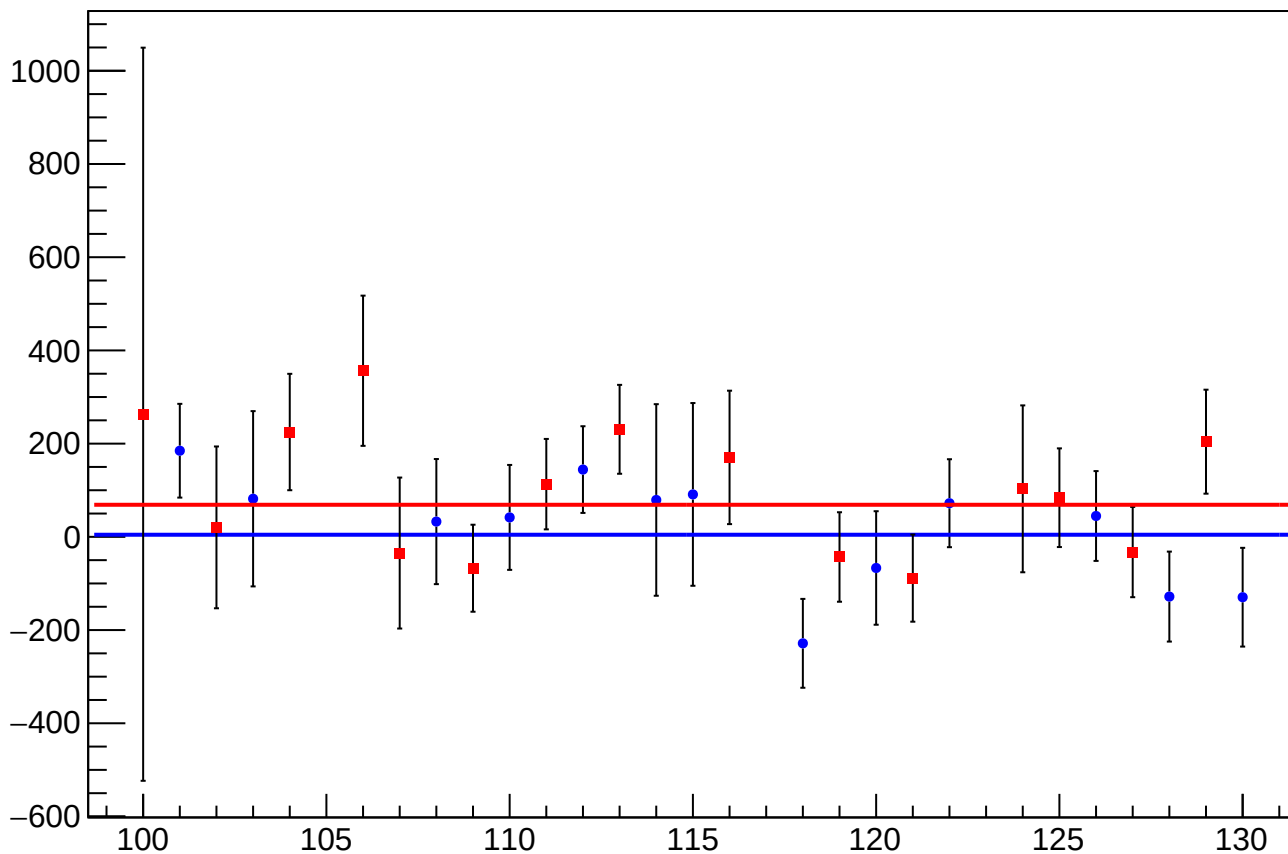
Right: 982.326+/-0.209 χ^2/NDF : 444375.4/27

In: 997.731+/-0.305 χ^2/NDF : 248335.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 982.326+/-0.209 χ^2/NDF : 444375.4/27

eigen_cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 4.517+/-31.300 χ^2/NDF : 16.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.823+/-30.351 χ^2/NDF : 17.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

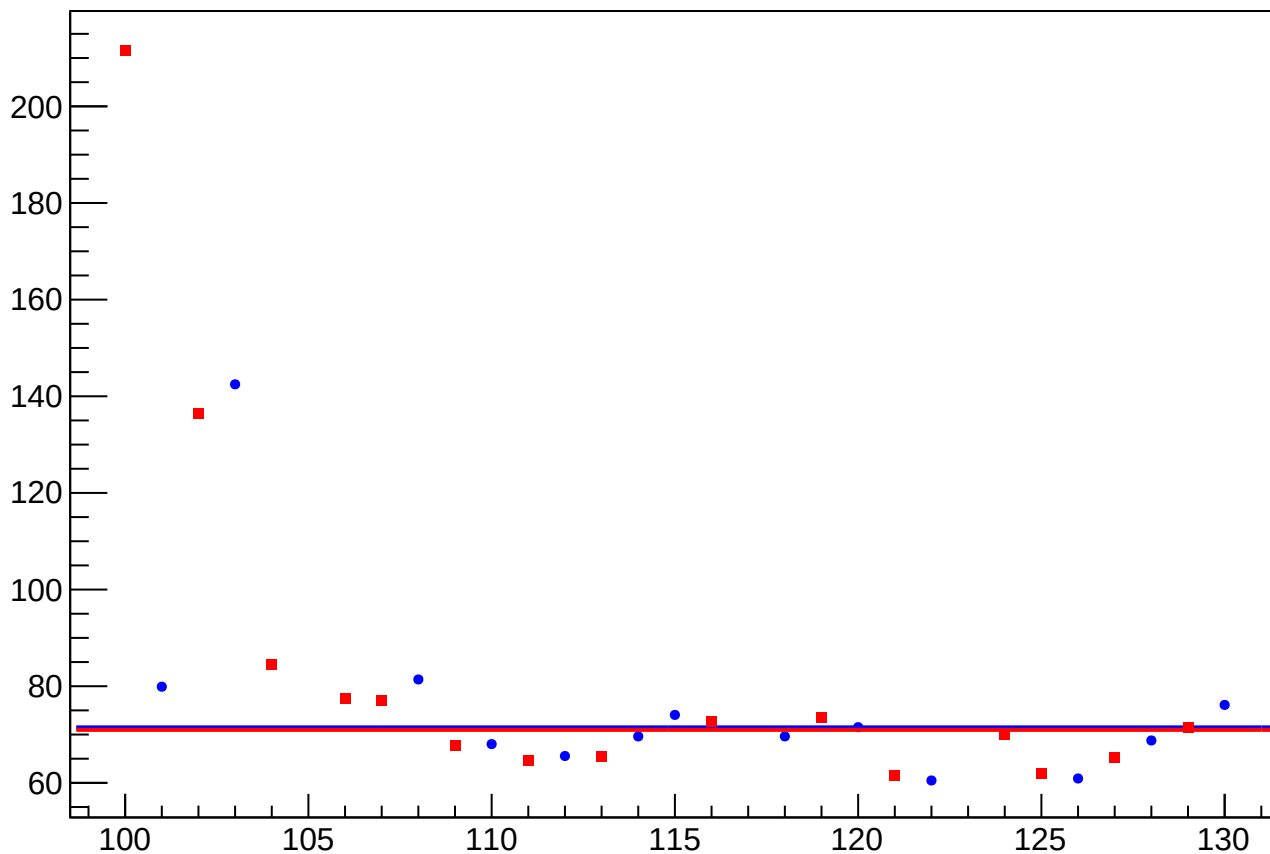
Right: 37.659+/-21.789 χ^2/NDF : 36.6/27

In: 4.517+/-31.300 χ^2/NDF : 16.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.659+/-21.789 χ^2/NDF : 36.6/27

eigen_cor_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 71.487+/-0.022 χ^2/NDF : 377862.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.965+/-0.021 χ^2/NDF : 439569.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

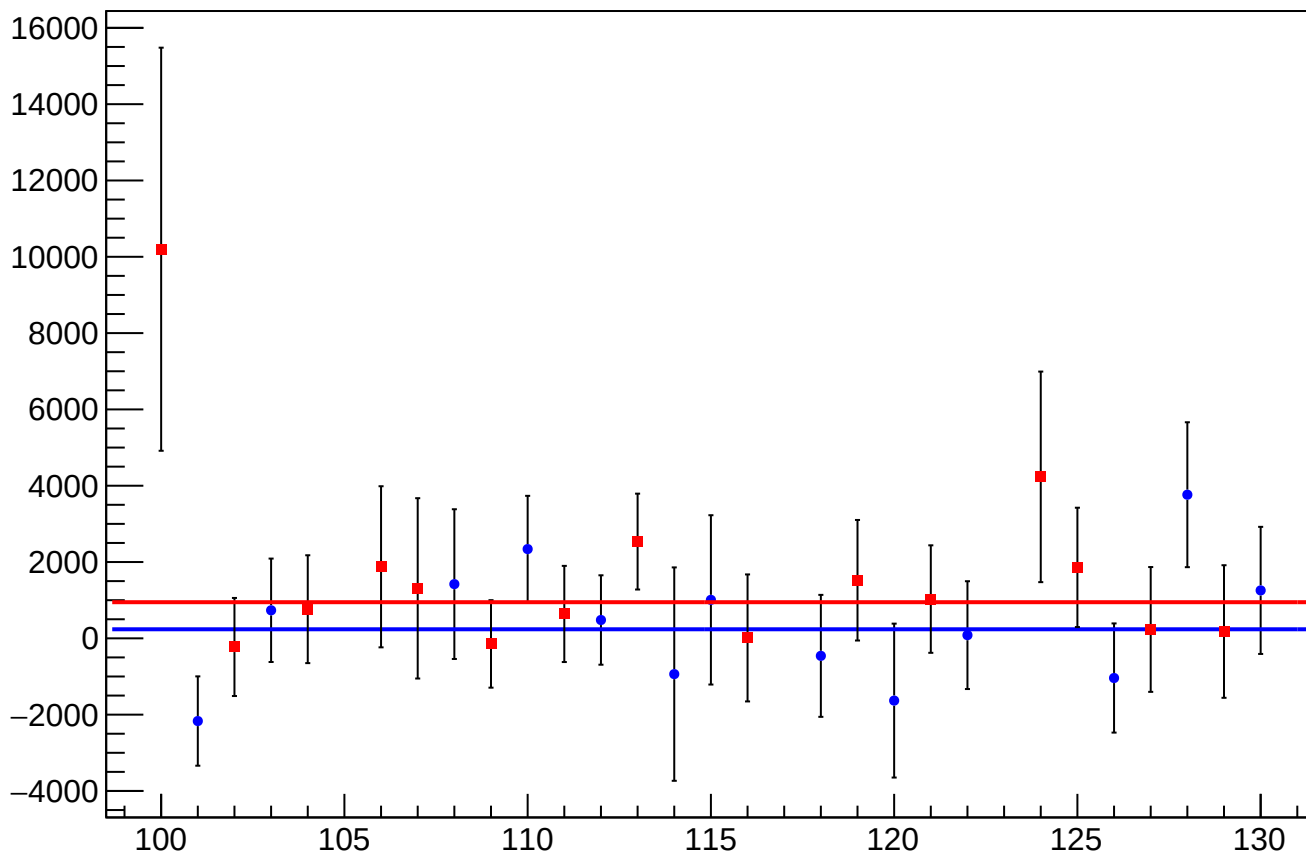
Right: 71.218+/-0.015 χ^2/NDF : 817717.6/27

In: 71.487+/-0.022 χ^2/NDF : 377862.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.218+/-0.015 χ^2/NDF : 817717.6/27

asym_sam_12345678_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 237.433+/-431.481 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 947.248+/-405.560 χ^2/NDF : 9.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

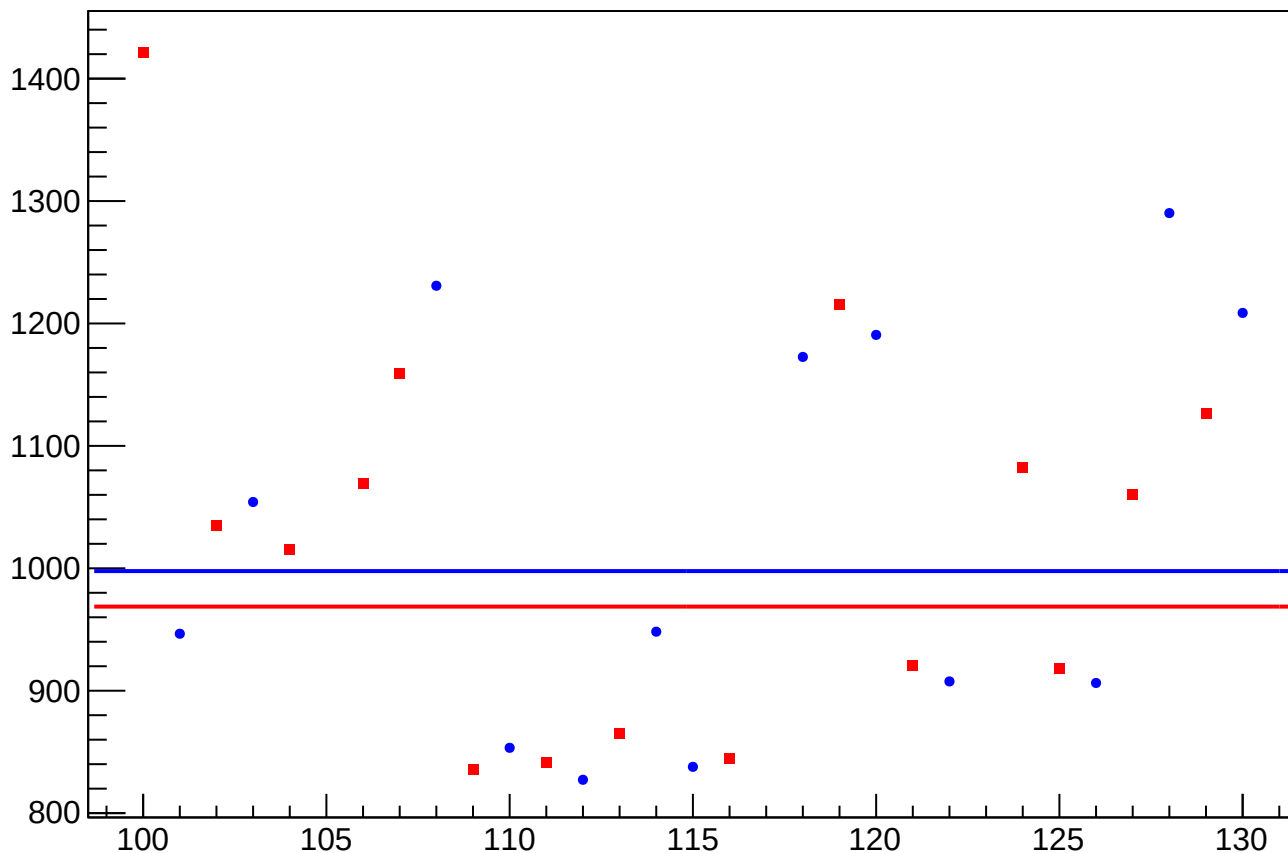
Right: 614.301+/-295.513 χ^2/NDF : 23.7/27

In: 237.433+/-431.481 χ^2/NDF : 13.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 614.301+/-295.513 χ^2/NDF : 23.7/27

asym_sam_12345678_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 997.731+/-0.305 χ^2/NDF : 248335.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 968.717+/-0.287 χ^2/NDF : 191239.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

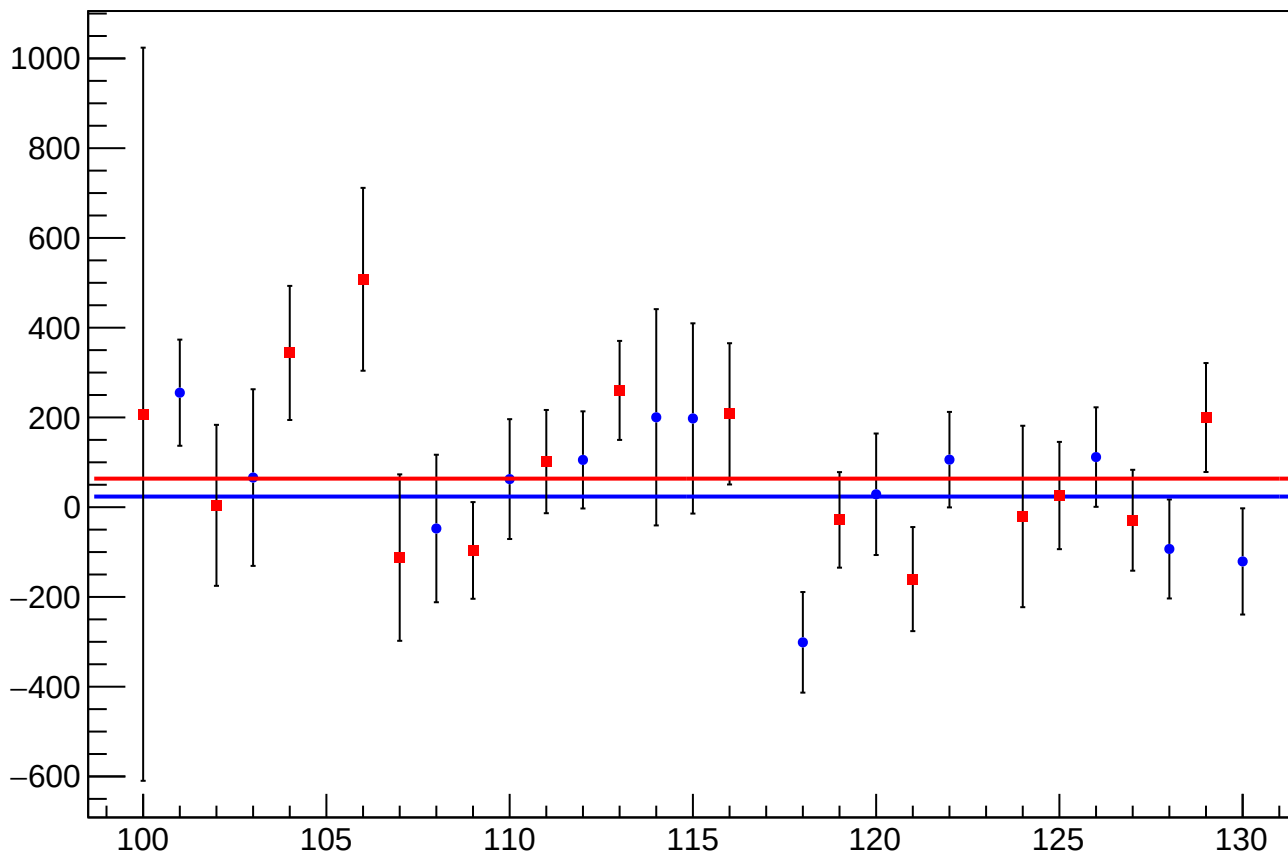
Right: 982.326+/-0.209 χ^2/NDF : 444375.4/27

In: 997.731+/-0.305 χ^2/NDF : 248335.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 982.326+/-0.209 χ^2/NDF : 444375.4/27

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 23.697+/-35.976 χ^2/NDF : 18.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.651+/-34.947 χ^2/NDF : 22.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

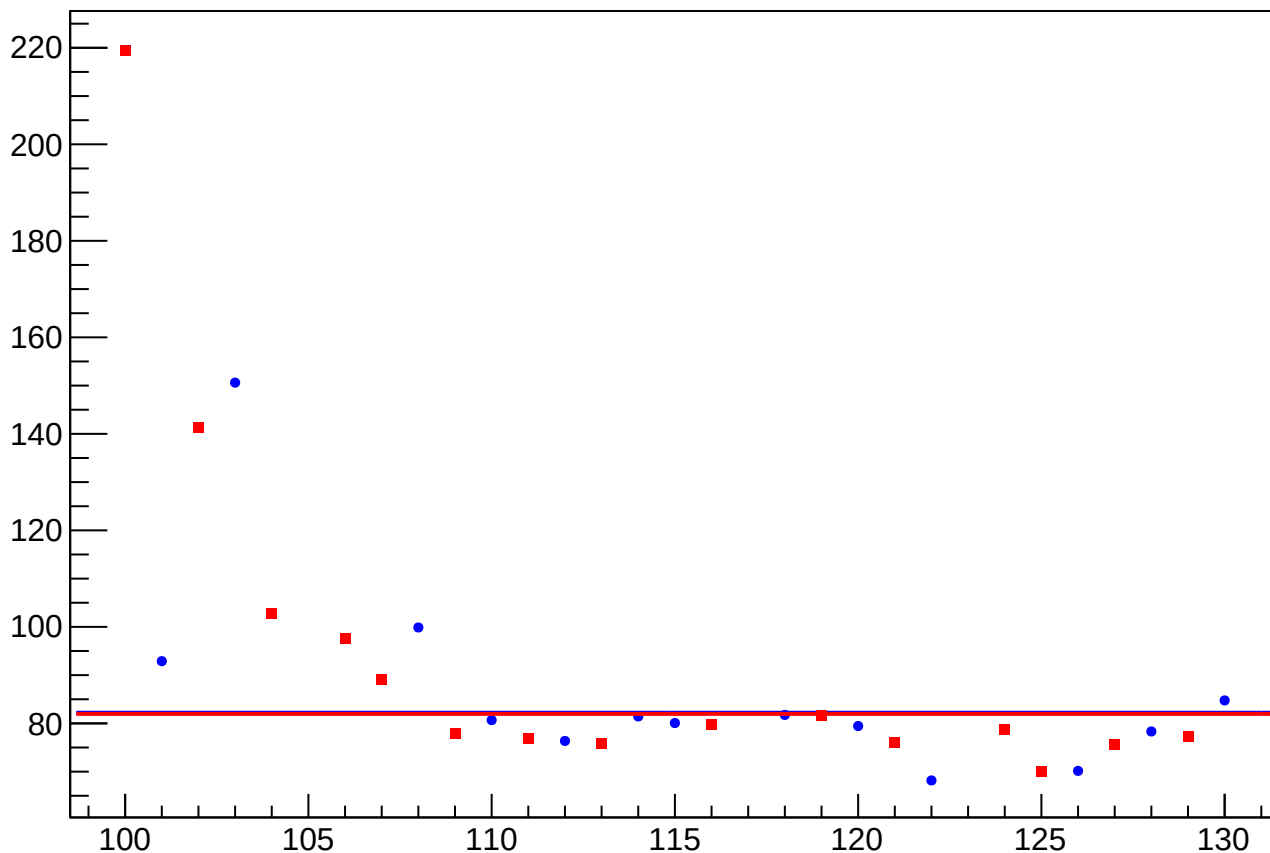
Right: 44.254+/-25.067 χ^2/NDF : 41.1/27

In: 23.697+/-35.976 χ^2/NDF : 18.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.254+/-25.067 χ^2/NDF : 41.1/27

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 82.202+/-0.025 χ^2/NDF : 350028.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.976+/-0.025 χ^2/NDF : 377230.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

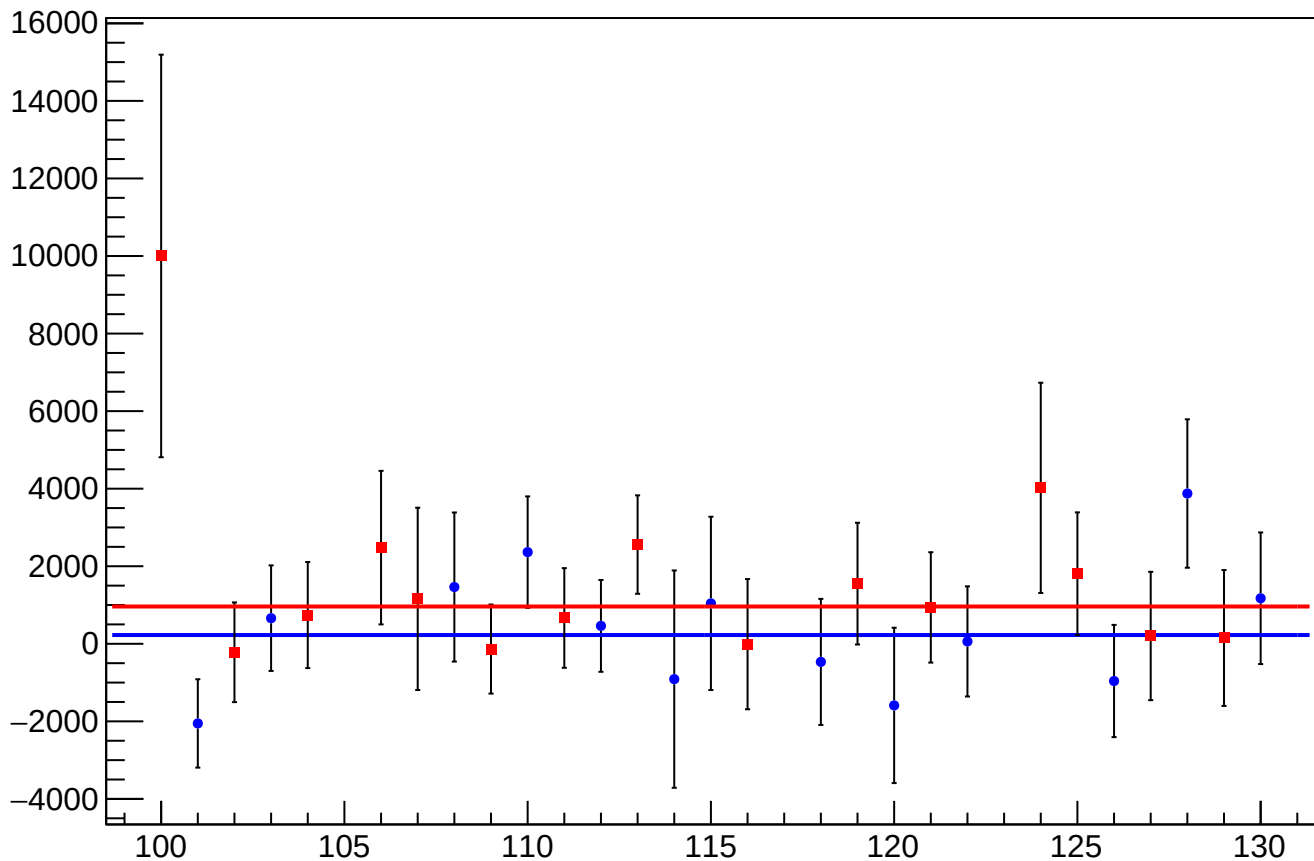
Right: 82.086+/-0.018 χ^2/NDF : 727300.0/27

In: 82.202+/-0.025 χ^2/NDF : 350028.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.086+/-0.018 χ^2/NDF : 727300.0/27

asym_sam_12345678_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 225.933+/-433.223 χ^2/NDF : 12.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 961.840+/-405.596 χ^2/NDF : 9.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

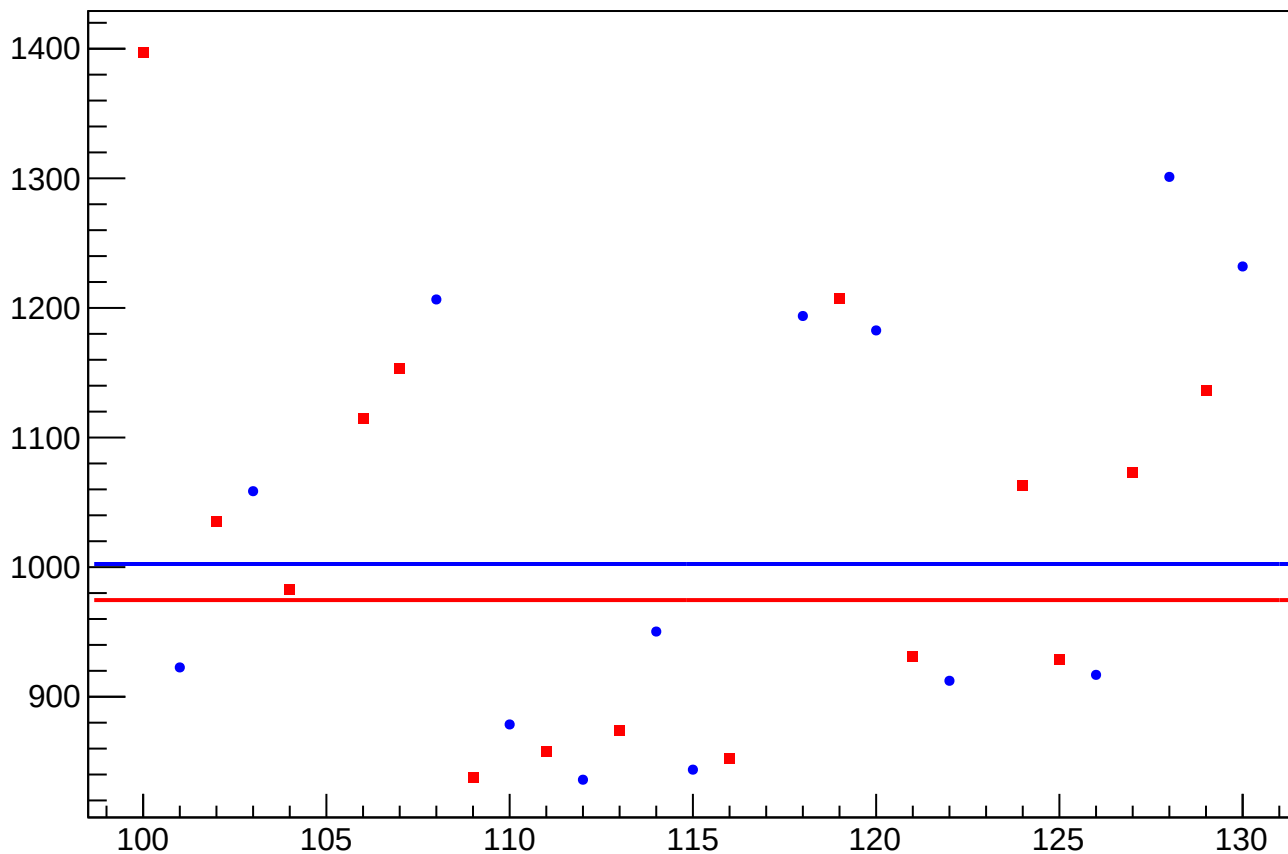
Right: 618.098+/-296.085 χ^2/NDF : 23.8/27

In: 225.933+/-433.223 χ^2/NDF : 12.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 618.098+/-296.085 χ^2/NDF : 23.8/27

asym_sam_12345678_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1002.430+/-0.306 χ^2/NDF : 245210.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 974.589+/-0.287 χ^2/NDF : 181255.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

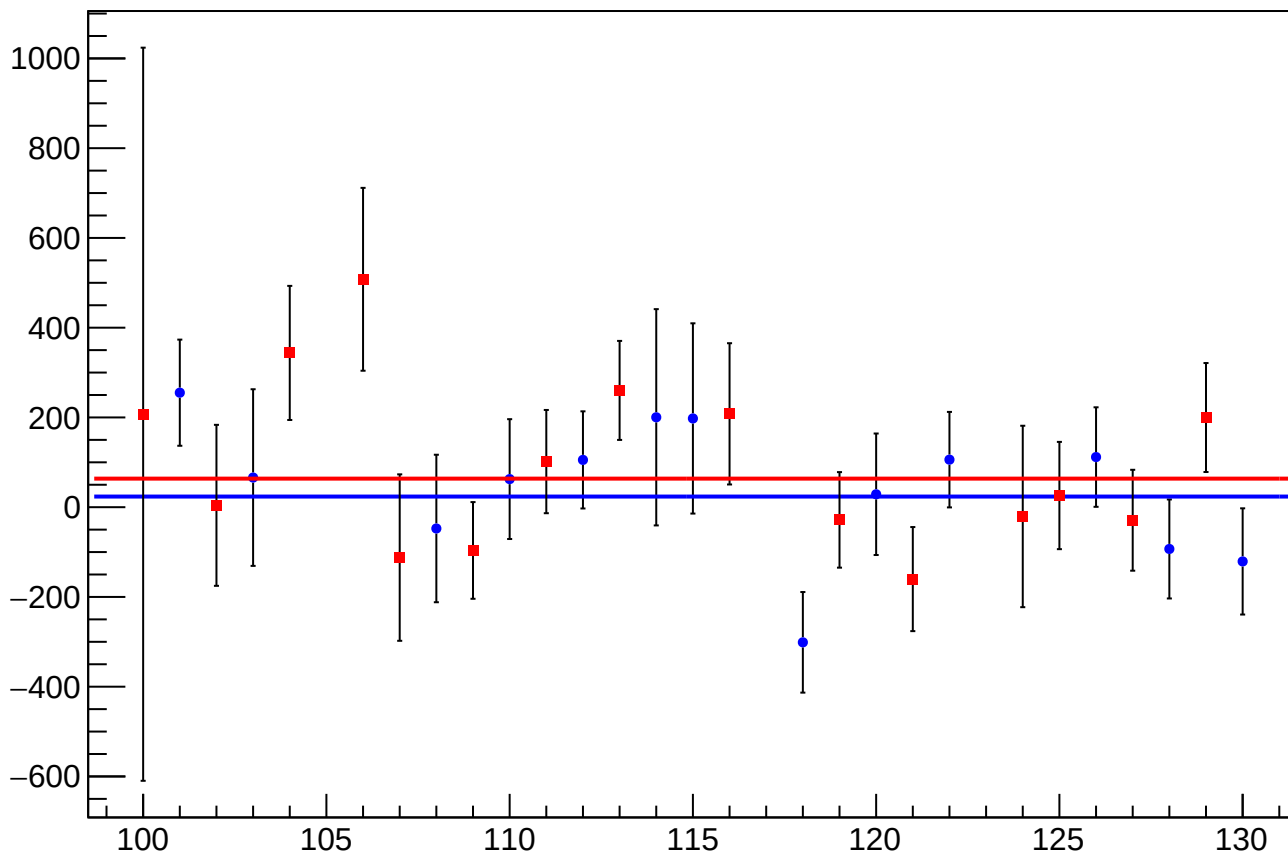
Right: 987.594+/-0.209 χ^2/NDF : 430867.6/27

In: 1002.430+/-0.306 χ^2/NDF : 245210.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 987.594+/-0.209 χ^2/NDF : 430867.6/27

eigen_dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 23.695+/-35.976 χ^2/NDF : 18.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.649+/-34.947 χ^2/NDF : 22.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

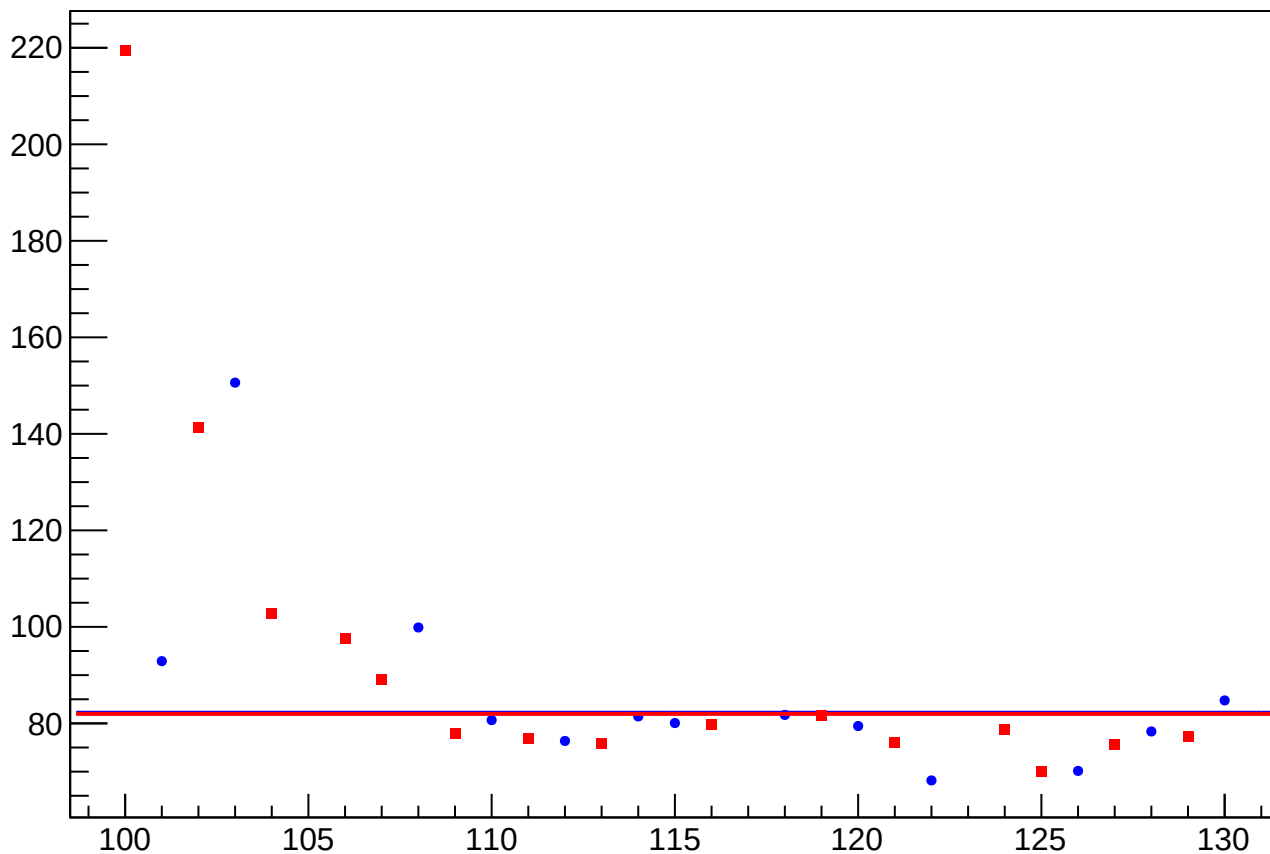
Right: 44.252+/-25.067 χ^2/NDF : 41.1/27

In: 23.695+/-35.976 χ^2/NDF : 18.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.252+/-25.067 χ^2/NDF : 41.1/27

eigen_dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 82.202+/-0.025 χ^2/NDF : 350031.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.976+/-0.025 χ^2/NDF : 377239.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

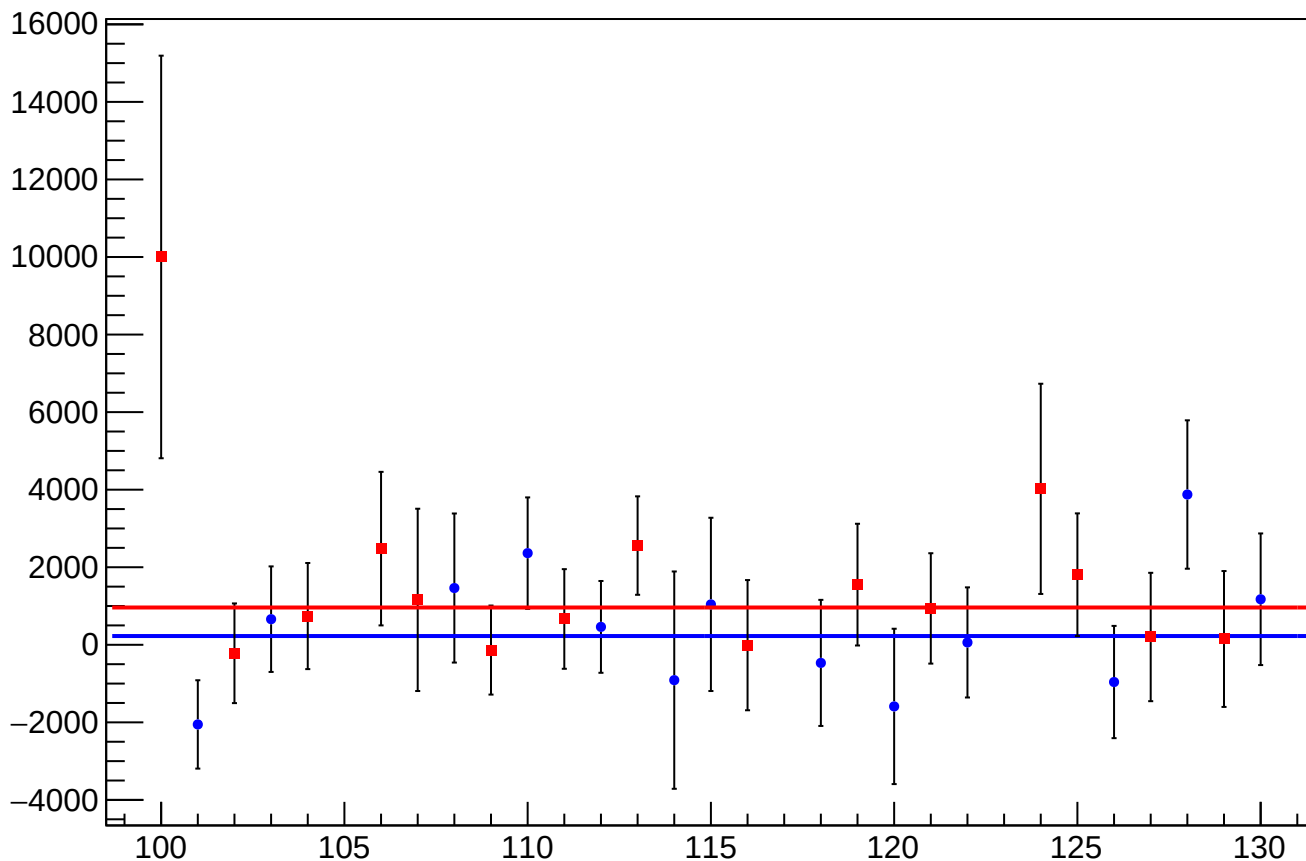
Right: 82.085+/-0.018 χ^2/NDF : 727311.3/27

In: 82.202+/-0.025 χ^2/NDF : 350031.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.085+/-0.018 χ^2/NDF : 727311.3/27

asym_sam_12345678_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 225.934+/-433.222 χ^2/NDF : 12.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 961.838+/-405.595 χ^2/NDF : 9.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

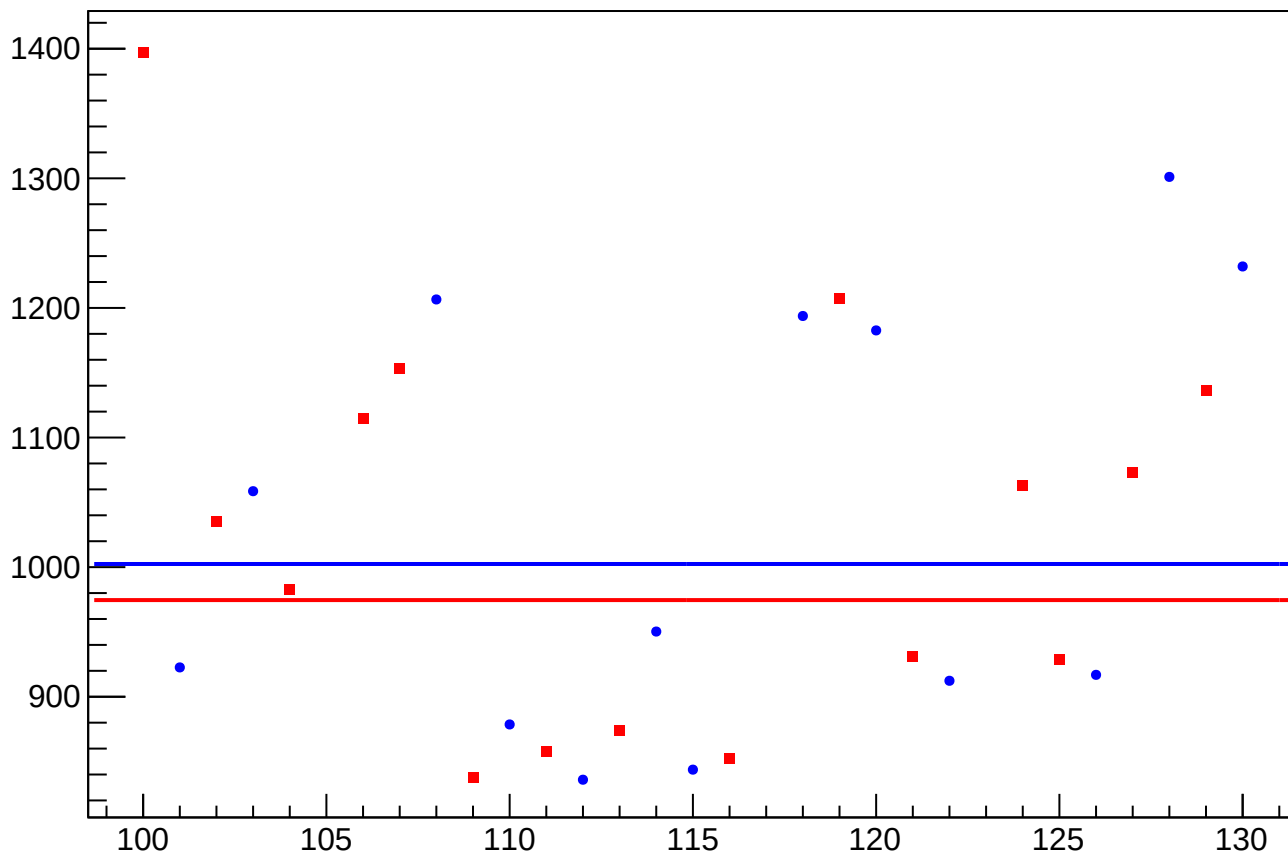
Right: 618.097+/-296.084 χ^2/NDF : 23.8/27

In: 225.934+/-433.222 χ^2/NDF : 12.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 618.097+/-296.084 χ^2/NDF : 23.8/27

asym_sam_12345678_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1002.427+/-0.306 χ^2/NDF : 245213.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 974.586+/-0.287 χ^2/NDF : 181257.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

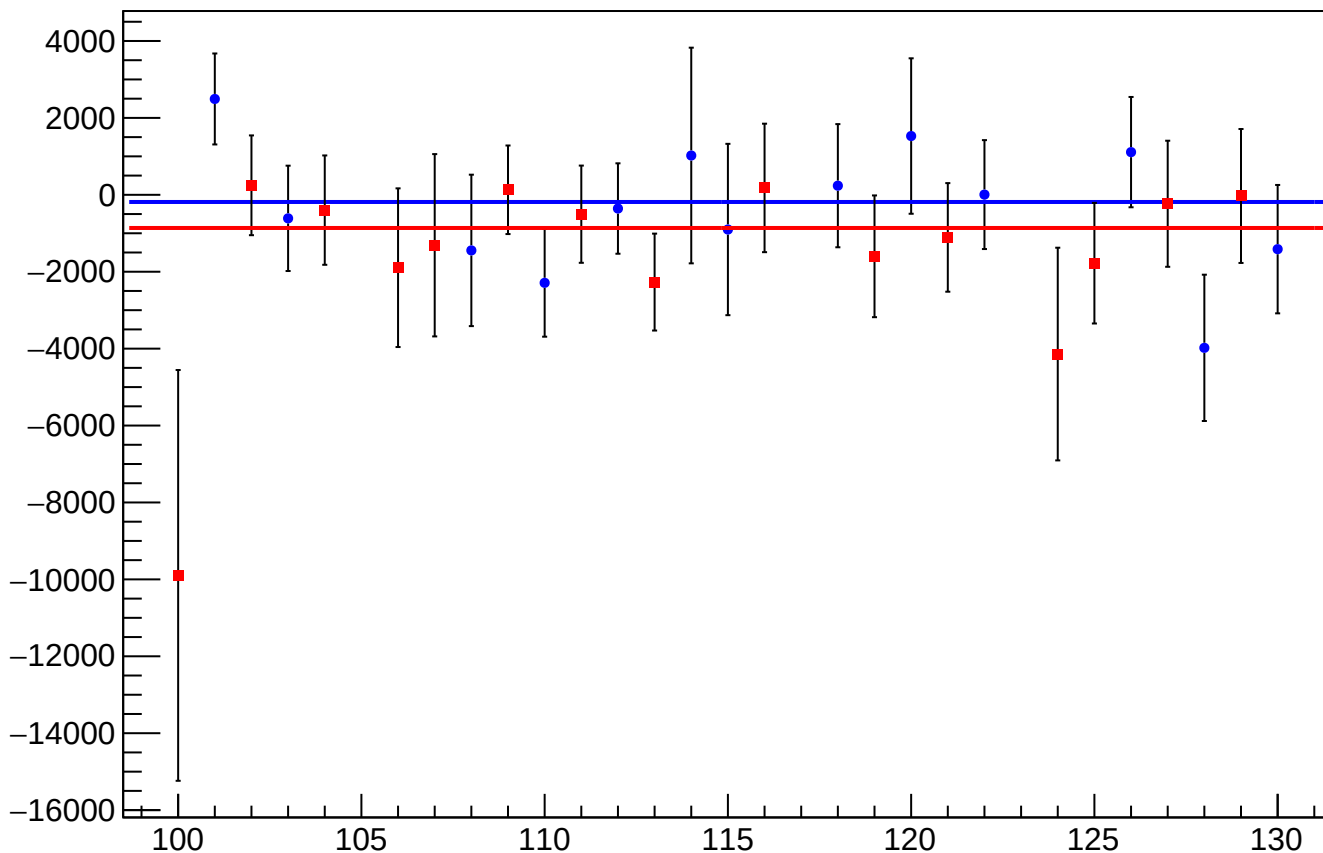
Right: 987.591+/-0.209 χ^2/NDF : 430872.8/27

In: 1002.427+/-0.306 χ^2/NDF : 245213.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 987.591+/-0.209 χ^2/NDF : 430872.8/27

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: -186.287+/-433.426 χ^2/NDF : 14.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -862.231+/-406.716 χ^2/NDF : 8.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

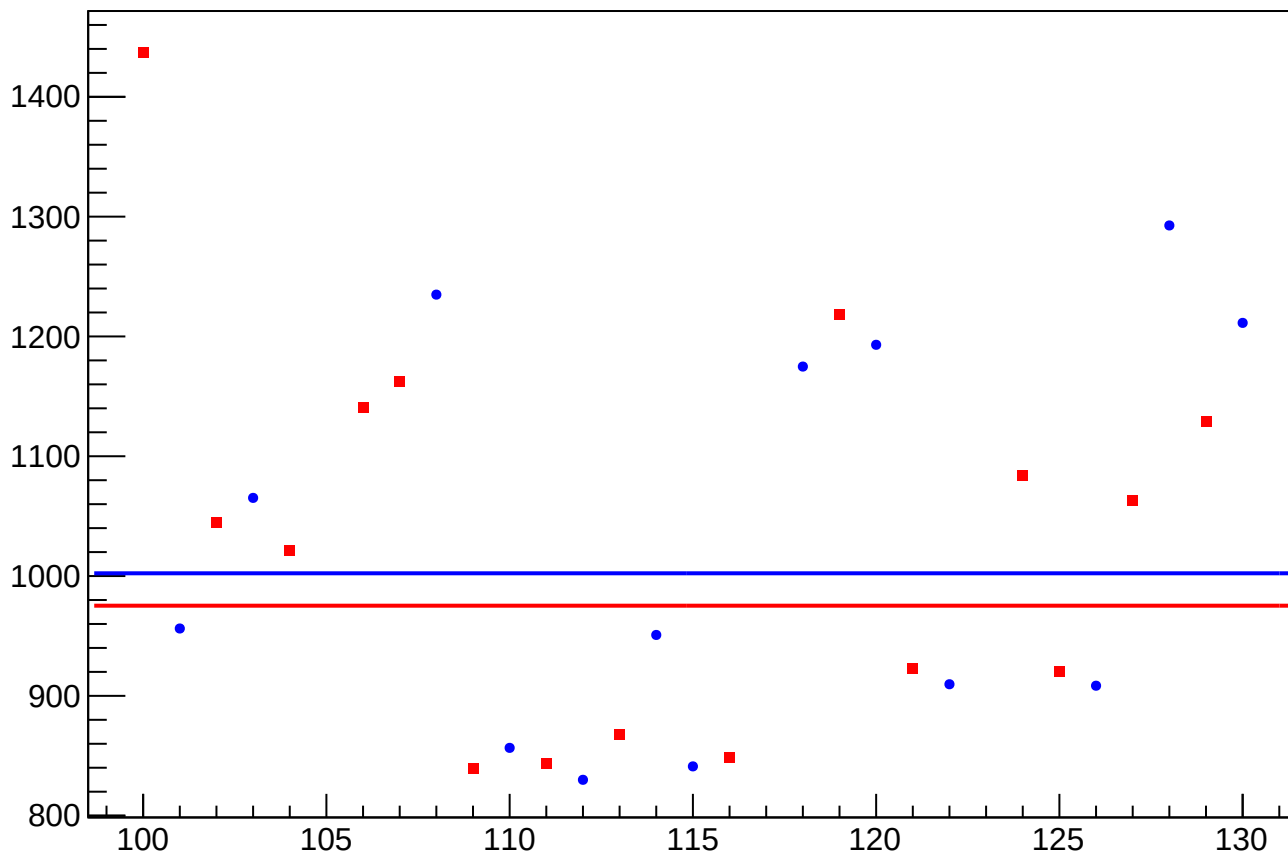
Right: -545.727+/-296.585 χ^2/NDF : 24.4/27

In: -186.287+/-433.426 χ^2/NDF : 14.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -545.727+/-296.585 χ^2/NDF : 24.4/27

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 1002.301+/-0.306 χ^2/NDF : 247080.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 975.260+/-0.288 χ^2/NDF : 200479.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

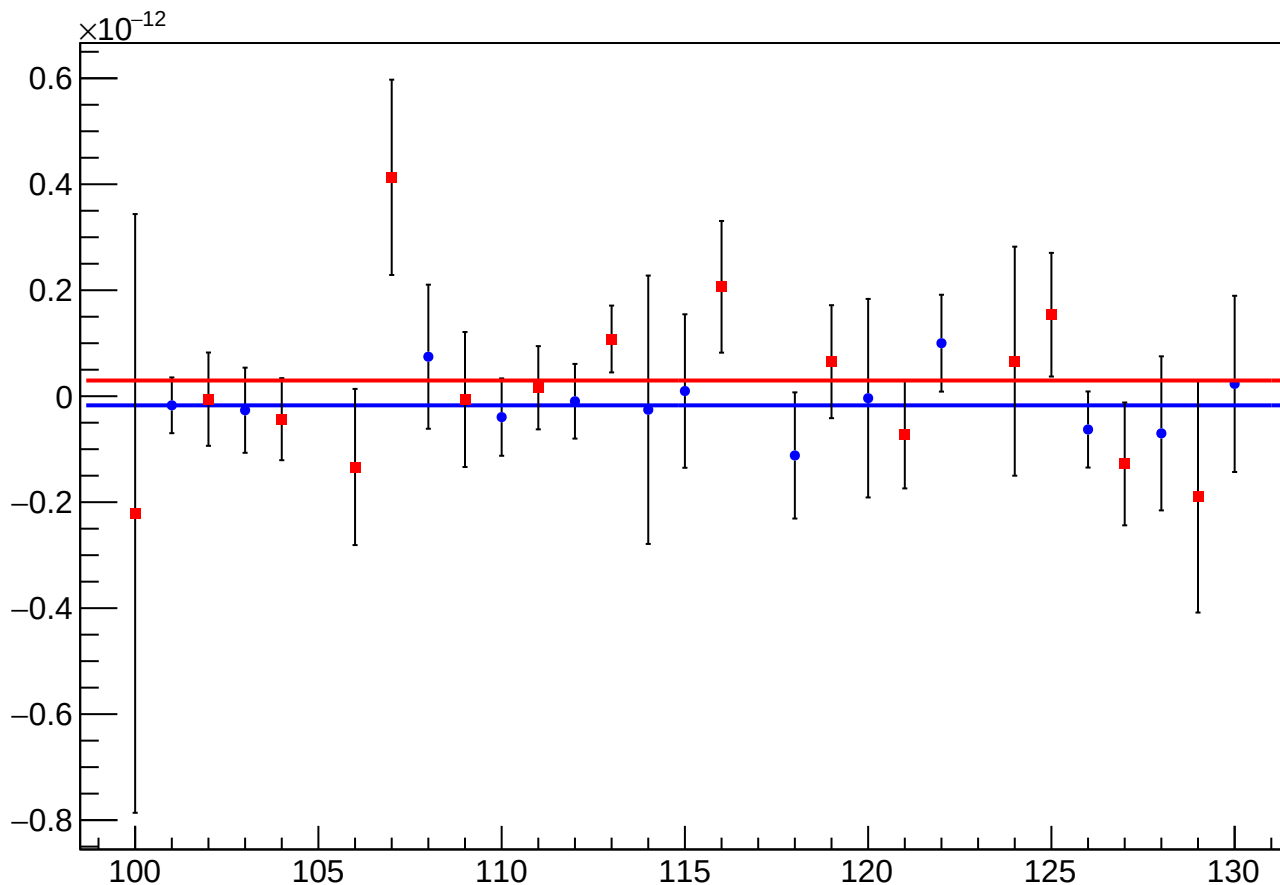
Right: 987.922+/-0.210 χ^2/NDF : 451699.6/27

In: 1002.301+/-0.306 χ^2/NDF : 247080.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 987.922+/-0.210 χ^2/NDF : 451699.6/27

asym_sam_12345678_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

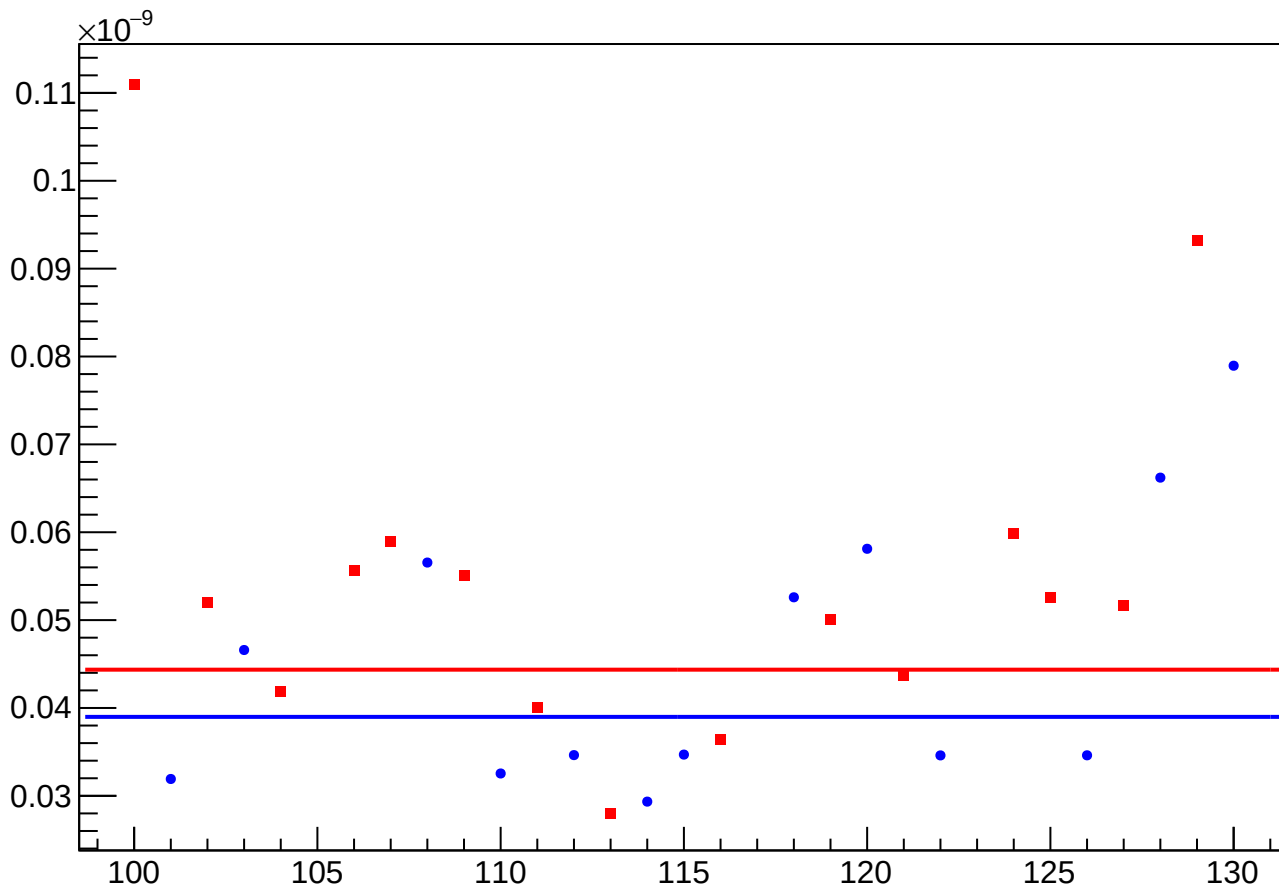
Right: 0.000+/-0.000 χ^2/NDF : 20.6/27

In: -0.000+/-0.000 χ^2/NDF :3.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.6/27

asym_sam_12345678_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 360025.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 366485.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

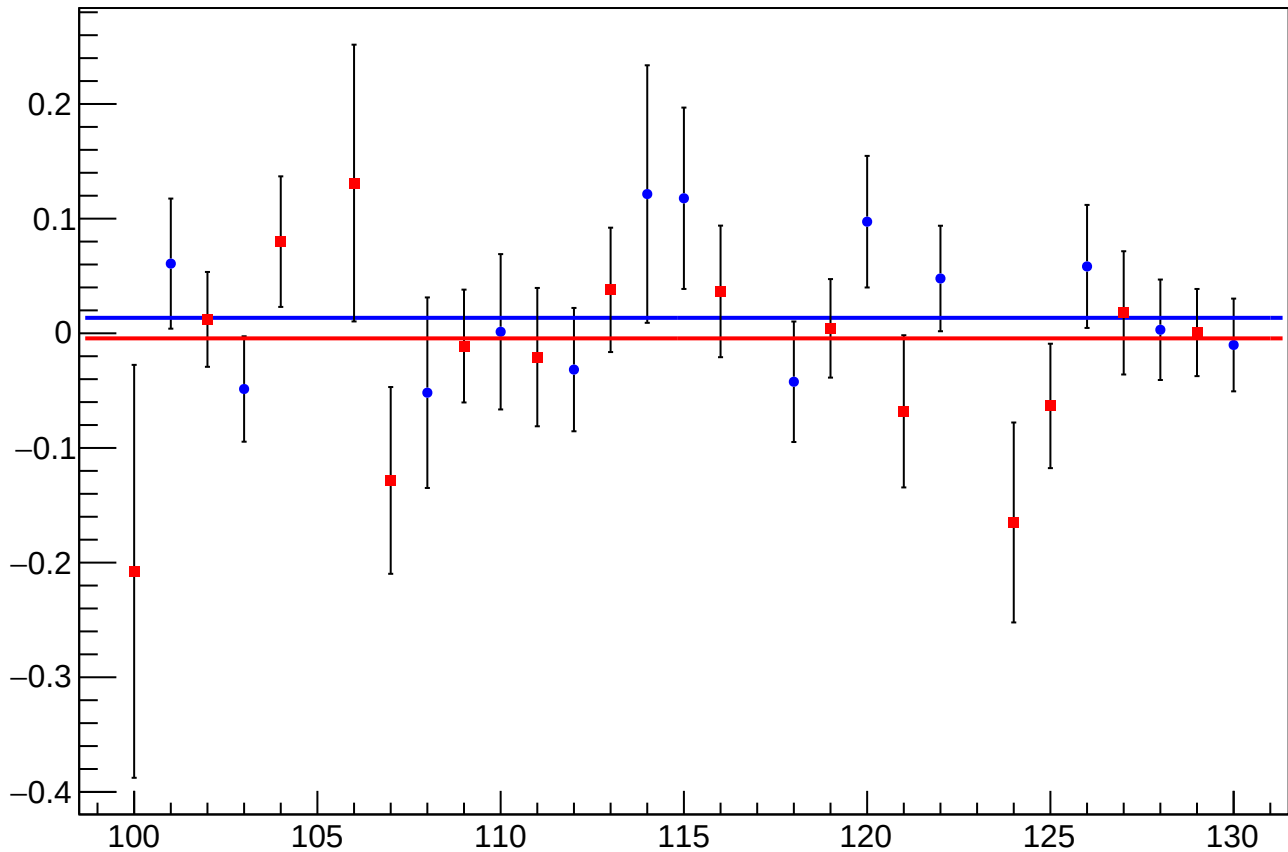
Right: 0.000+/-0.000 χ^2/NDF : 766754.0/27

In: 0.000+/-0.000 χ^2/NDF : 360025.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 766754.0/27

asym_sam_12345678_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.015 χ^2 /NDF: 11.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.015 χ^2 /NDF: 14.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

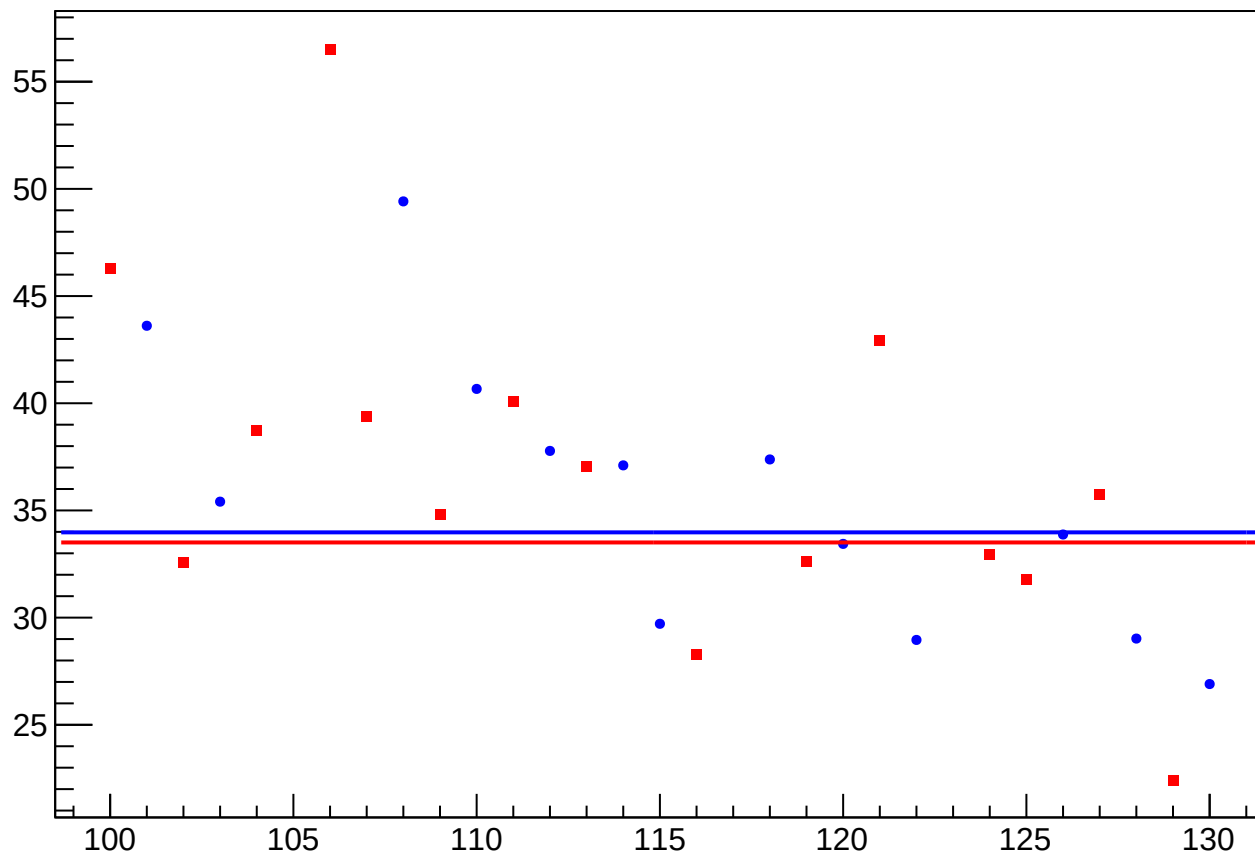
Right: 0.004 $\pm$ 0.010 χ^2 /NDF: 26.3/27

In: 0.013 $\pm$ 0.015 χ^2 /NDF:11.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.004 $\pm$ 0.010 χ^2 /NDF: 26.3/27

asym_sam_12345678_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.977+/-0.011 χ^2/NDF : 284724.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 33.507+/-0.010 χ^2/NDF : 378536.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

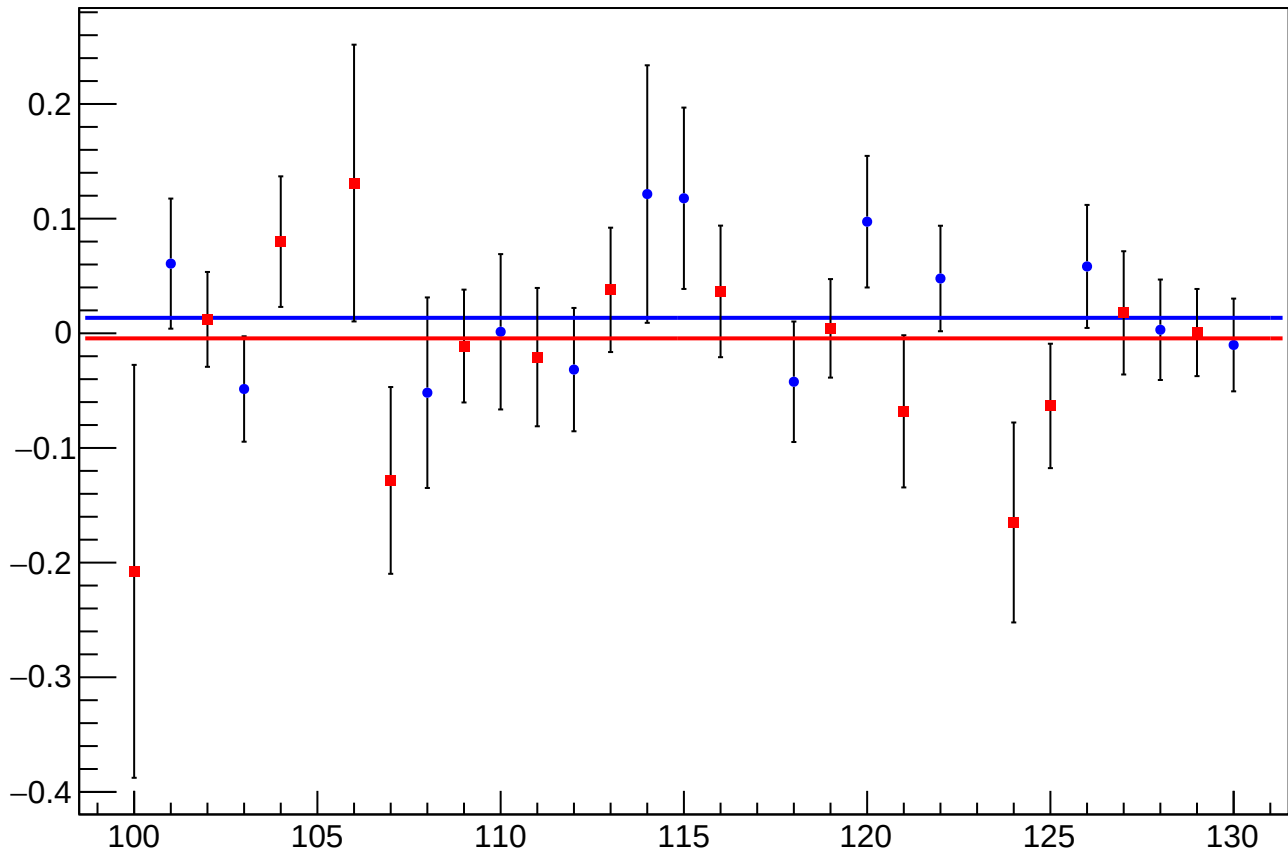
Right: 33.732+/-0.007 χ^2/NDF : 664267.8/27

In: 33.977+/-0.011 χ^2/NDF :284724.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 33.732+/-0.007 χ^2/NDF : 664267.8/27

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.015 χ^2 /NDF: 11.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.015 χ^2 /NDF: 14.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

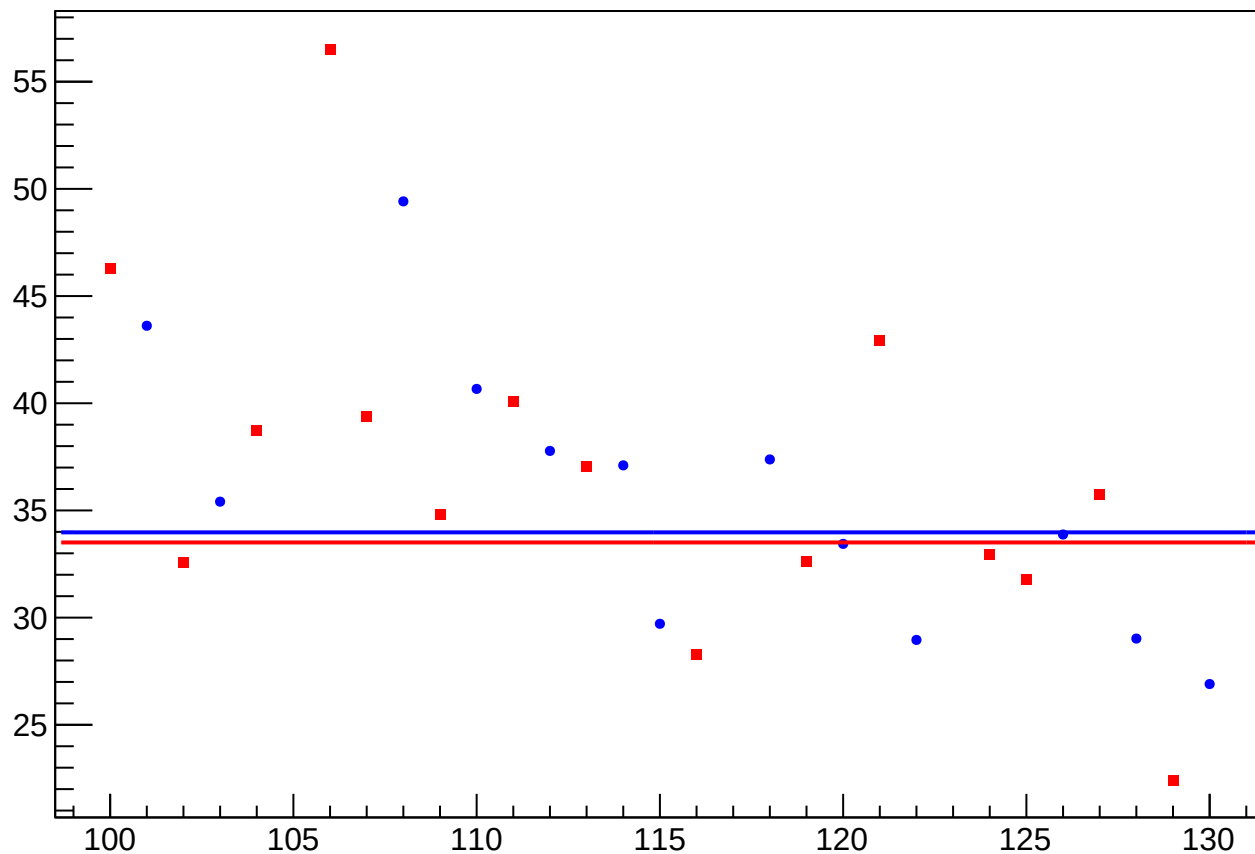
Right: 0.004 $\pm$ 0.010 χ^2 /NDF: 26.3/27

In: 0.013 $\pm$ 0.015 χ^2 /NDF:11.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.004 $\pm$ 0.010 χ^2 /NDF: 26.3/27

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.977+/-0.011 χ^2/NDF : 284724.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.507+/-0.010 χ^2/NDF : 378536.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

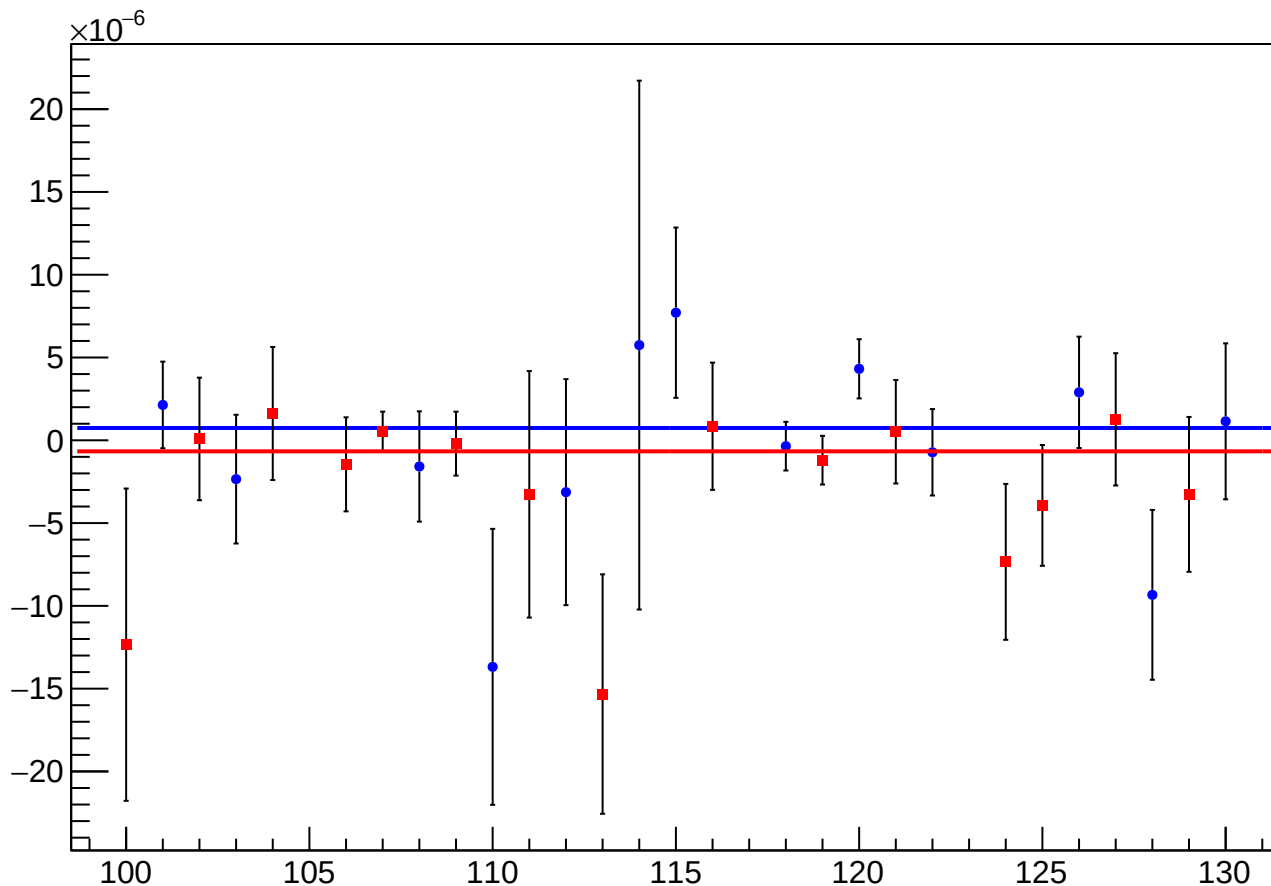
Right: 33.732+/-0.007 χ^2/NDF : 664267.8/27

In: 33.977+/-0.011 χ^2/NDF : 284724.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.732+/-0.007 χ^2/NDF : 664267.8/27

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

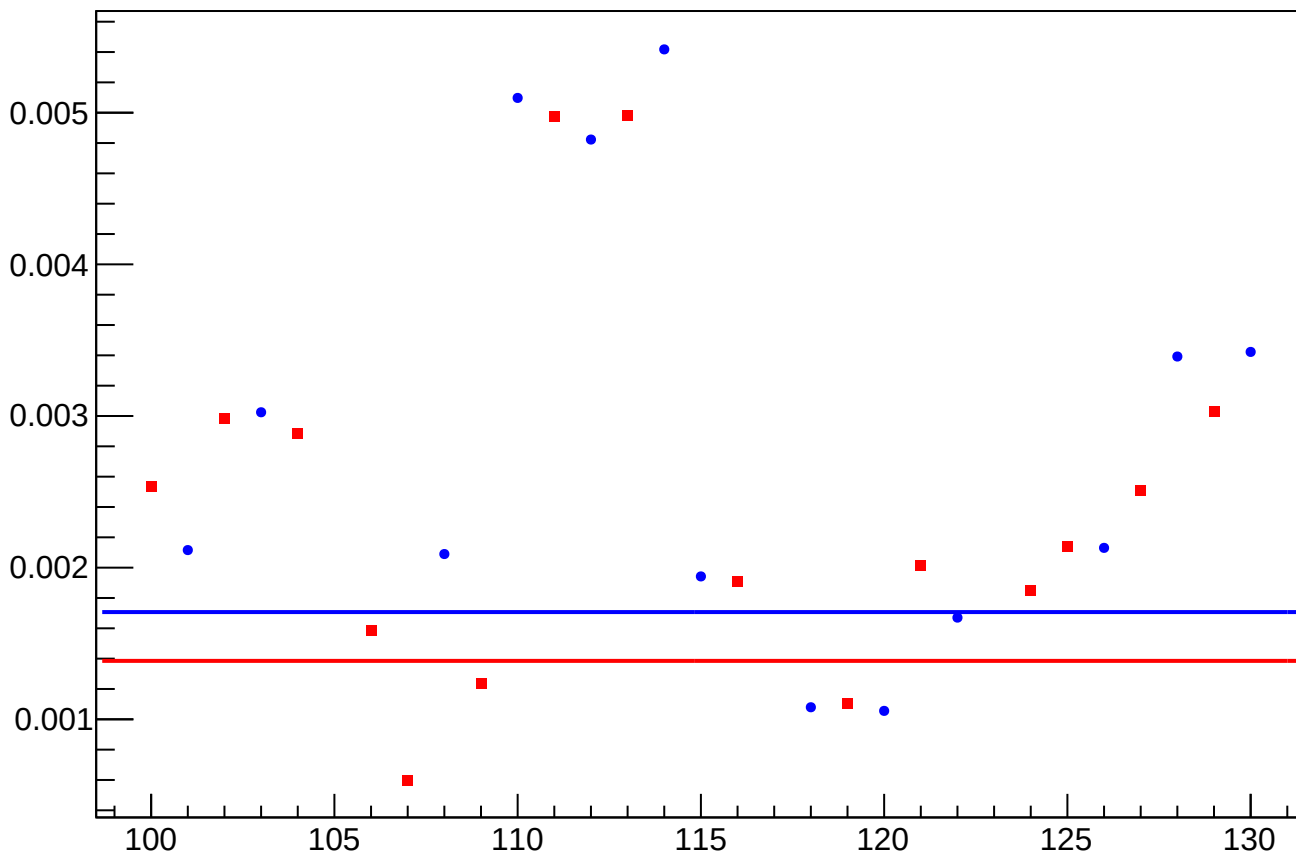
Right: -0.000+/-0.000 χ^2/NDF : 28.5/27

In: 0.000+/-0.000 χ^2/NDF : 15.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.5/27

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2308051.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3209822.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

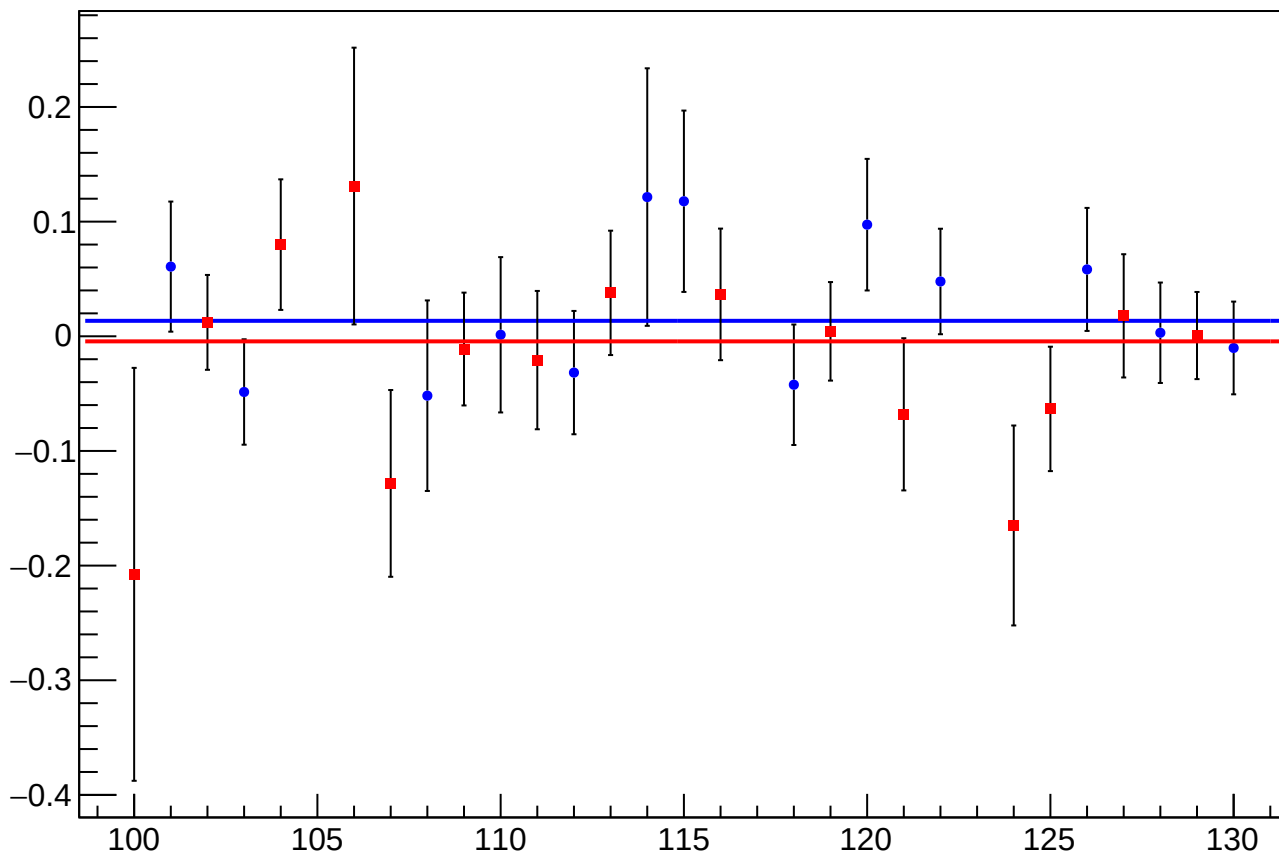
Right: 0.002+/-0.000 χ^2/NDF : 5697780.9/27

In: 0.002+/-0.000 χ^2/NDF :2308051.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5697780.9/27

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.015 χ^2/NDF : 11.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.004+/-0.015 χ^2/NDF : 14.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

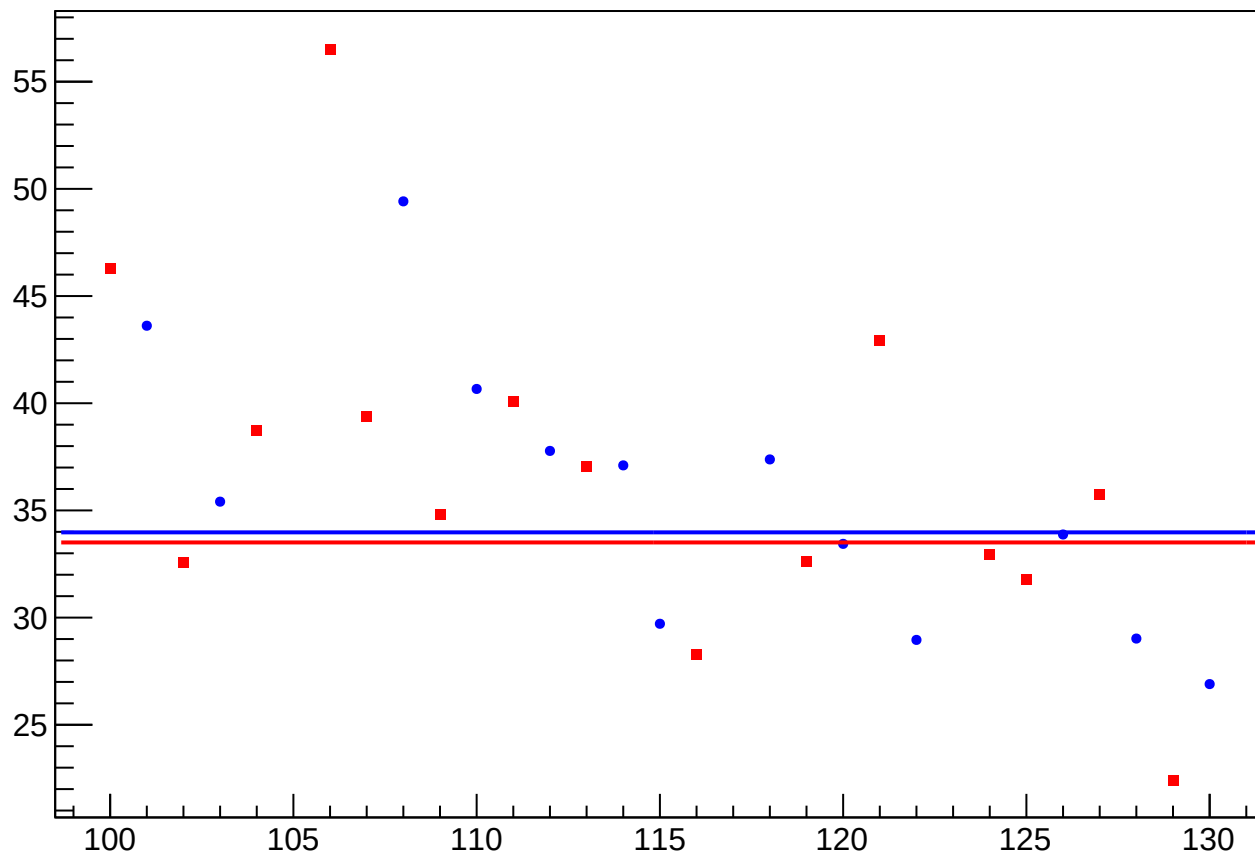
Right: 0.004+/-0.010 χ^2/NDF : 26.3/27

In: 0.013+/-0.015 χ^2/NDF : 11.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.010 χ^2/NDF : 26.3/27

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.977+/-0.011 χ^2/NDF : 284785.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.506+/-0.010 χ^2/NDF : 378569.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

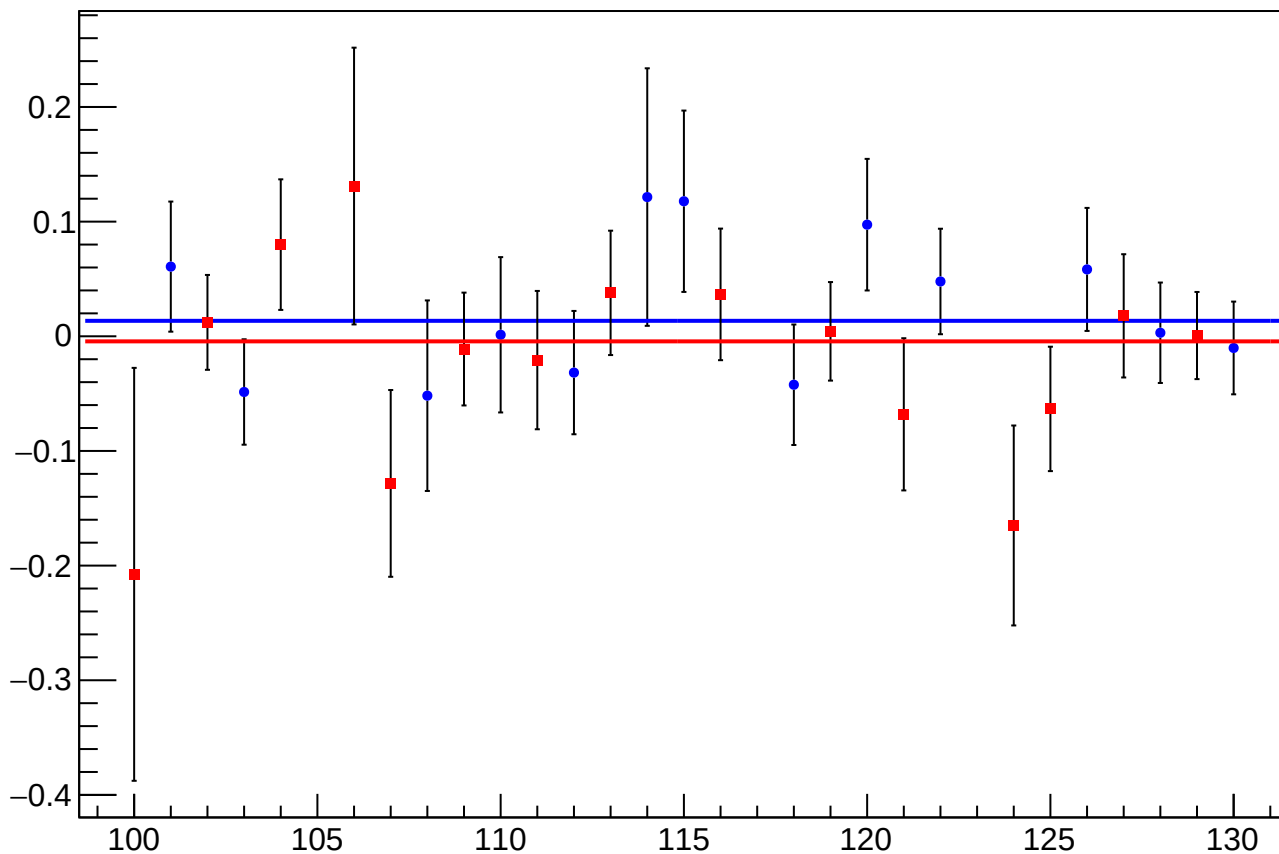
Right: 33.731+/-0.007 χ^2/NDF : 664360.9/27

In: 33.977+/-0.011 χ^2/NDF : 284785.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.731+/-0.007 χ^2/NDF : 664360.9/27

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.015 χ^2/NDF : 11.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.004+/-0.015 χ^2/NDF : 14.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

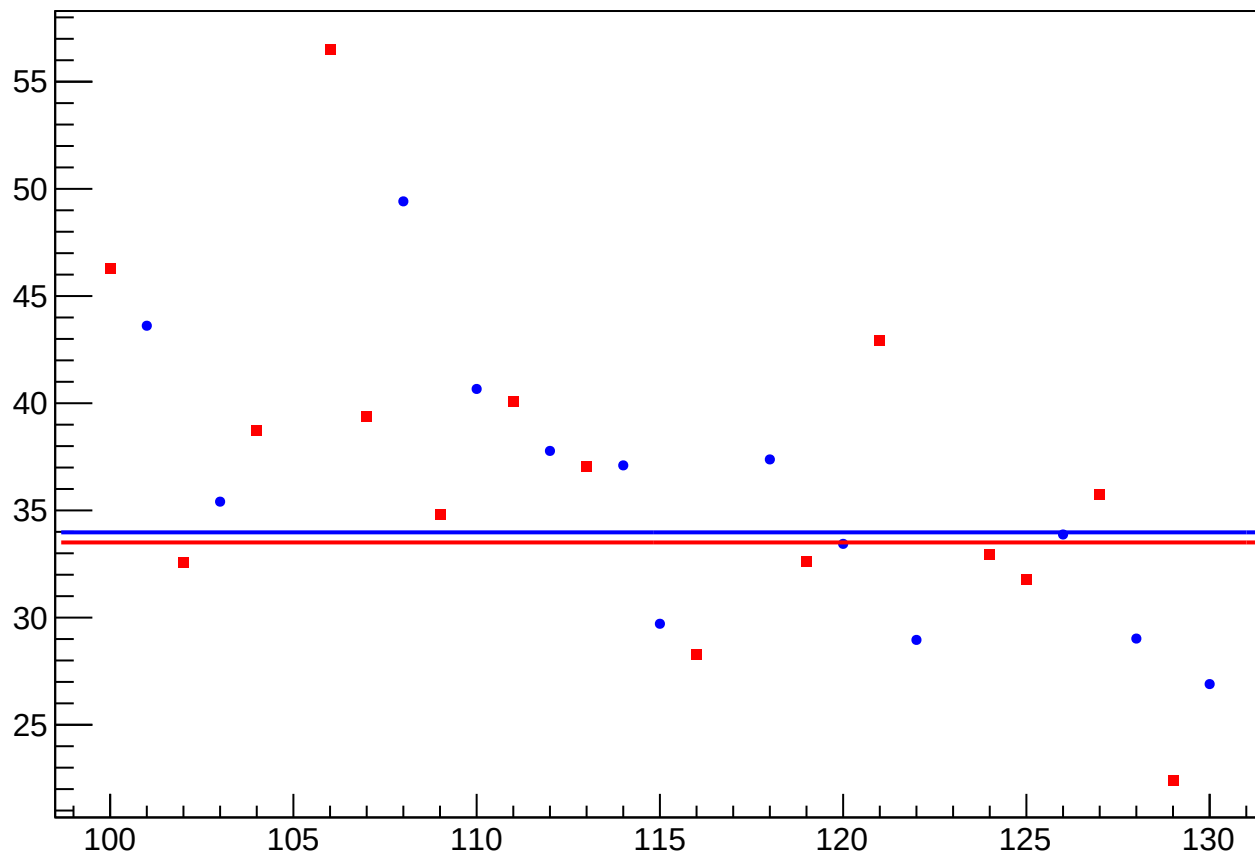
Right: 0.004+/-0.010 χ^2/NDF : 26.3/27

In: 0.013+/-0.015 χ^2/NDF : 11.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.010 χ^2/NDF : 26.3/27

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.977+/-0.011 χ^2/NDF : 284785.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.506+/-0.010 χ^2/NDF : 378569.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

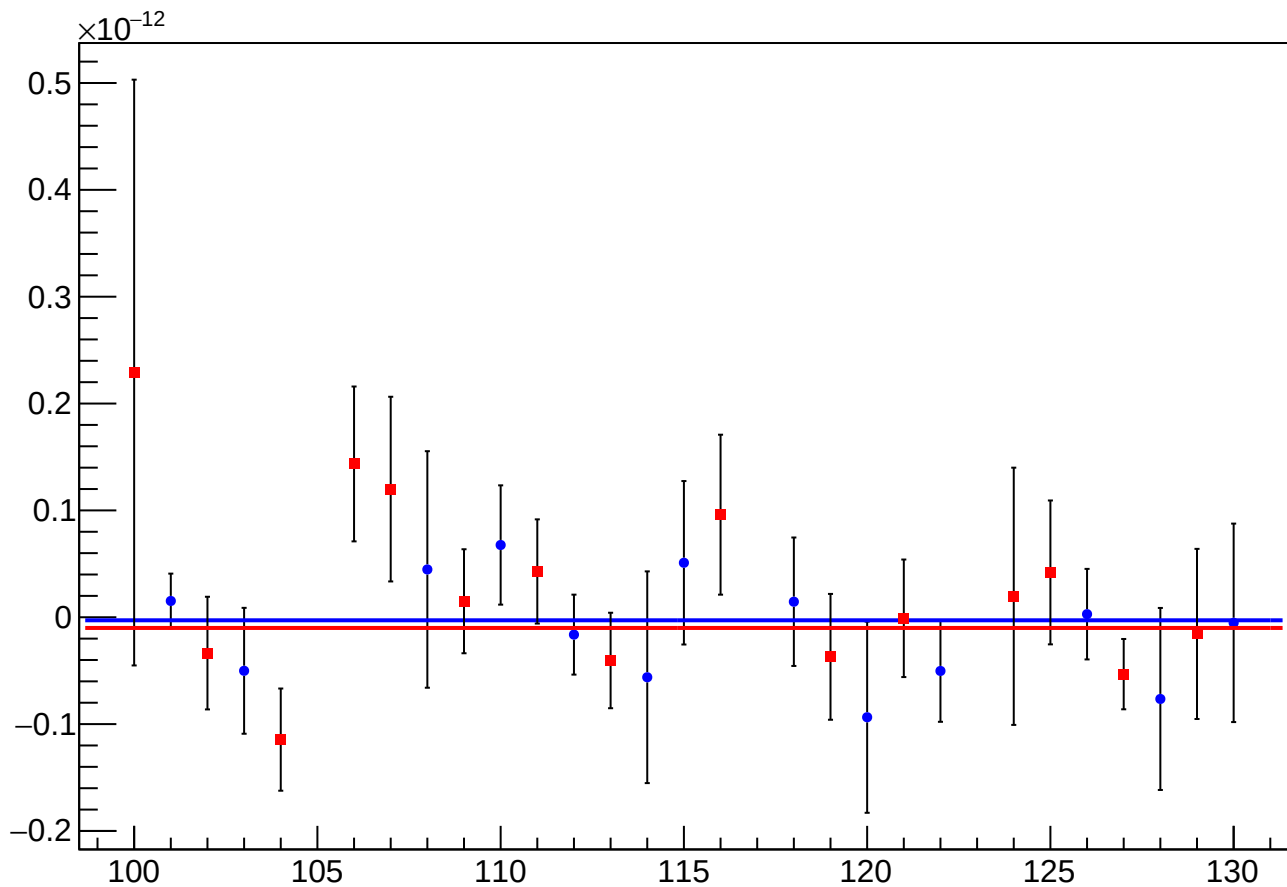
Right: 33.731+/-0.007 χ^2/NDF : 664360.9/27

In: 33.977+/-0.011 χ^2/NDF : 284785.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.731+/-0.007 χ^2/NDF : 664360.9/27

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 19.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

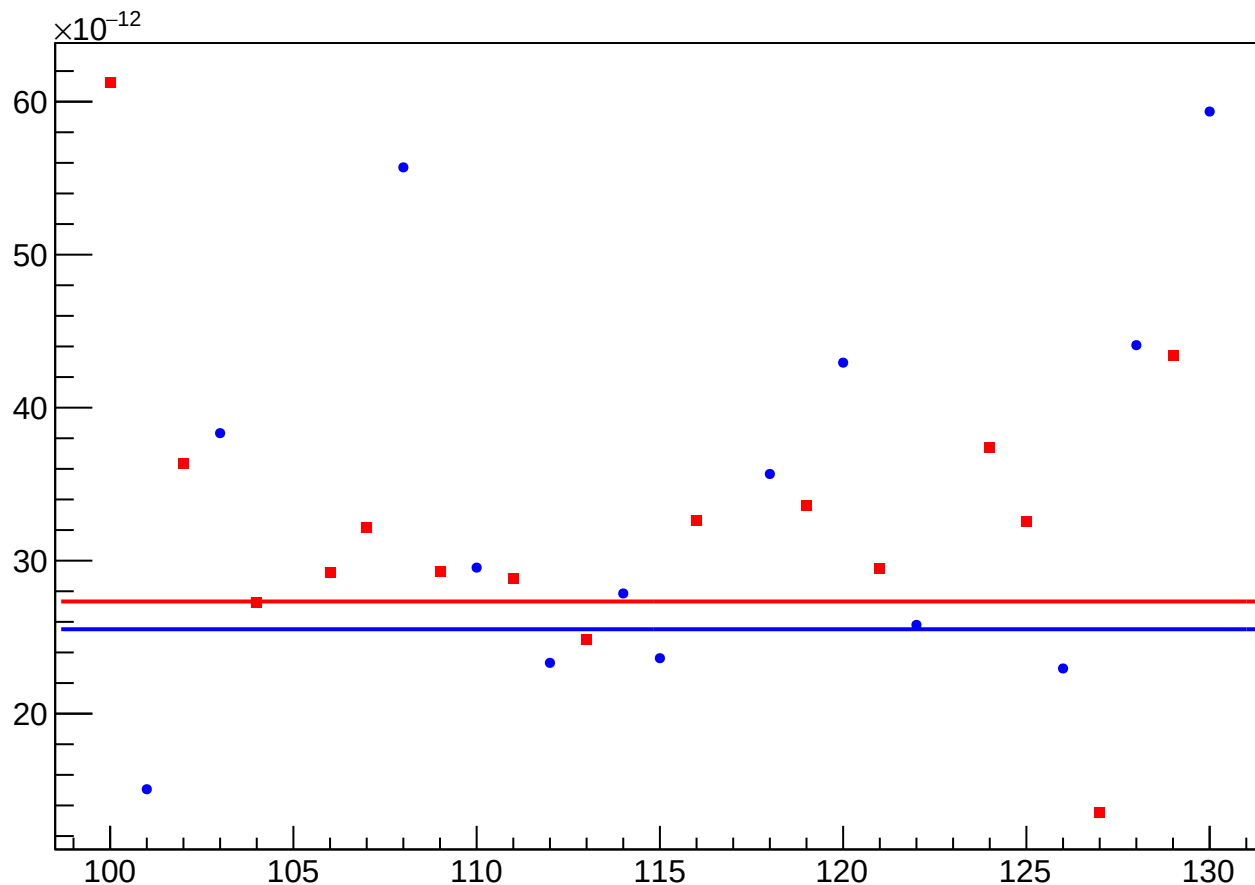
Right: -0.000+/-0.000 χ^2/NDF : 25.8/27

In: -0.000+/-0.000 χ^2/NDF :6.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.8/27

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1097873.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 602868.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

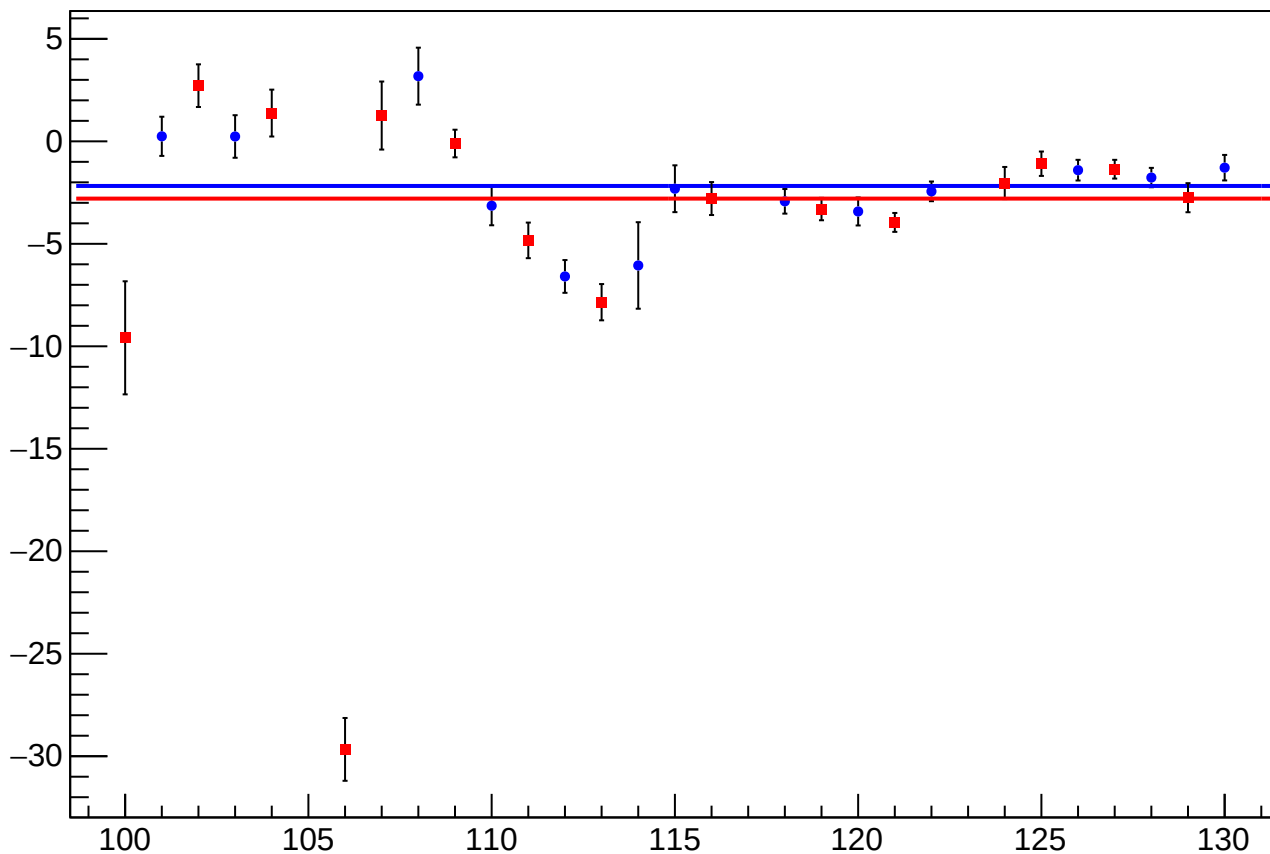
Right: 0.000+/-0.000 χ^2/NDF : 1716383.9/27

In: 0.000+/-0.000 χ^2/NDF : 1097873.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1716383.9/27

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.177 ± 0.194 χ^2/NDF : 71.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.794 ± 0.188 χ^2/NDF : 441.1/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

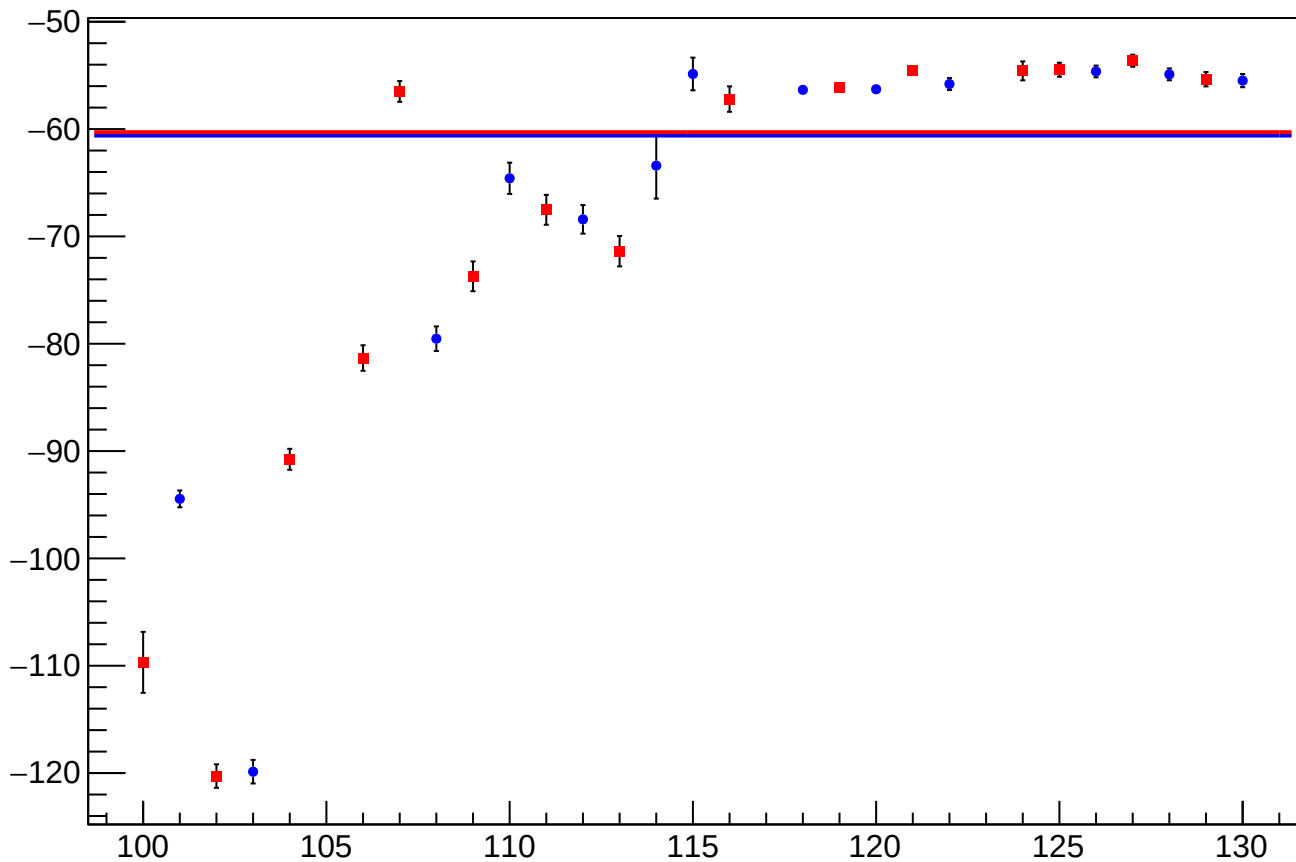
Right: -2.495 ± 0.135 χ^2/NDF : 518.2/27

In: -2.177 ± 0.194 χ^2/NDF : 71.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.495 ± 0.135 χ^2/NDF : 518.2/27

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -60.601 ± 0.182 $\chi^2/\text{NDF}: 5706.6/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -60.290 ± 0.190 $\chi^2/\text{NDF}: 5404.7/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

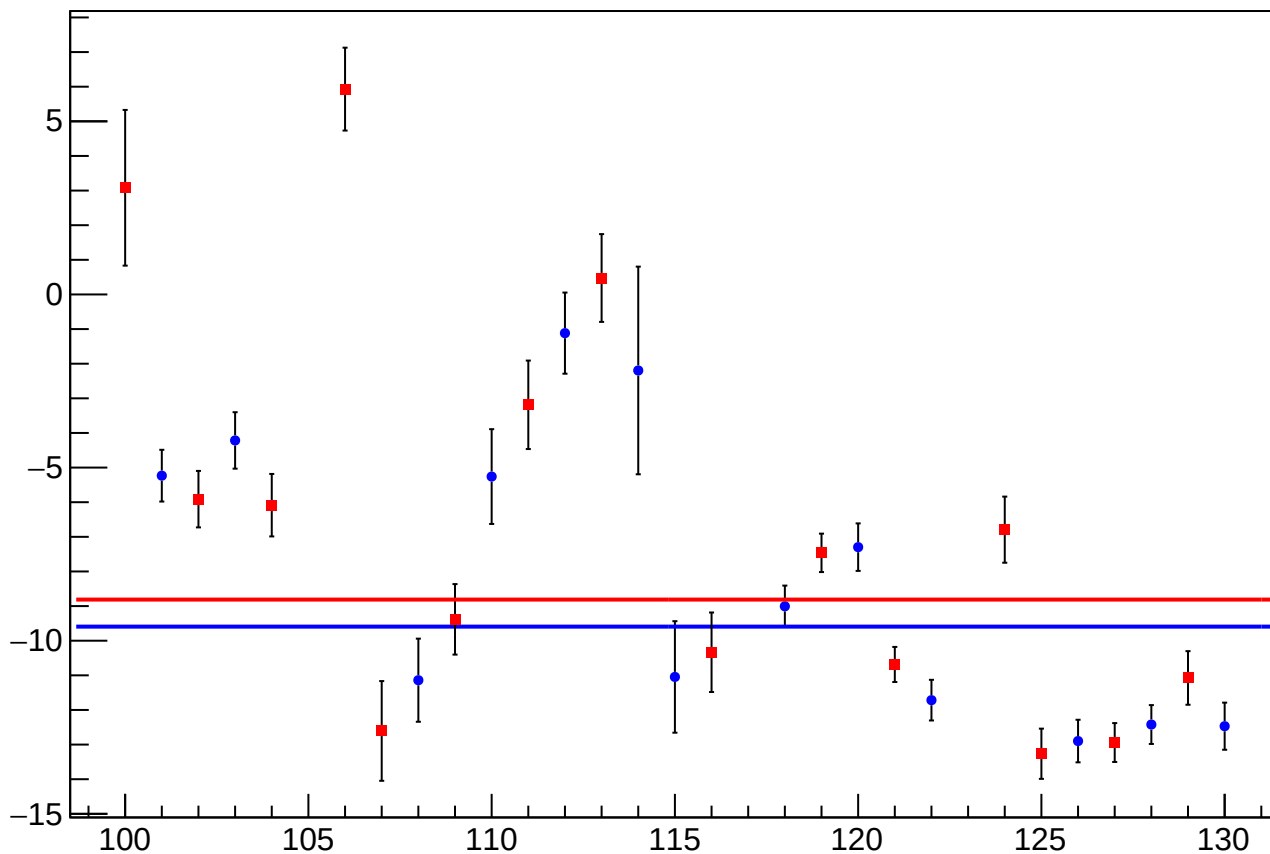
Right: -60.452 ± 0.132 $\chi^2/\text{NDF}: 11112.7/27$

In: -60.601 ± 0.182 $\chi^2/\text{NDF}: 5706.6/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -60.452 ± 0.132 $\chi^2/\text{NDF}: 11112.7/27$

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -9.593 ± 0.215 χ^2/NDF : 245.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.812 ± 0.213 χ^2/NDF : 407.9/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

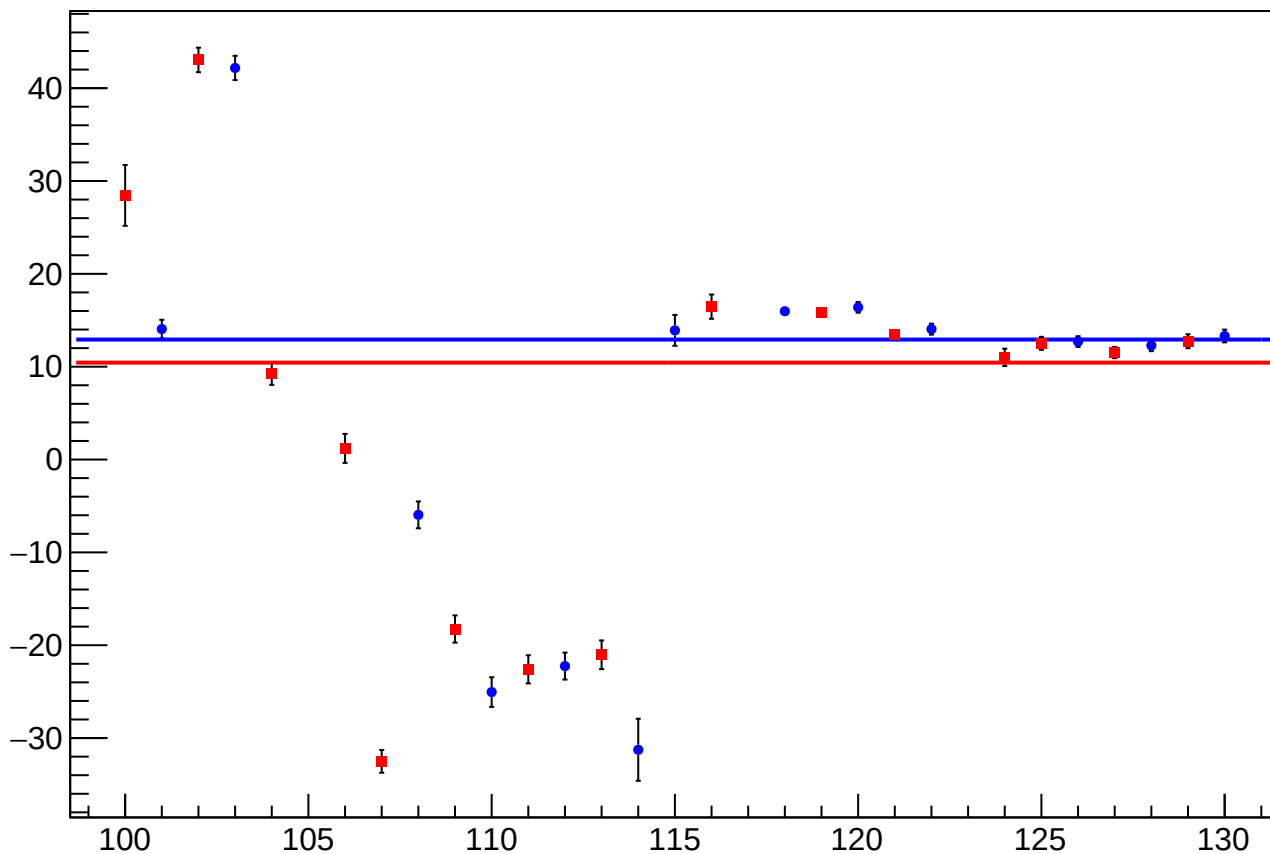
Right: -9.198 ± 0.151 χ^2/NDF : 660.5/27

In: -9.593 ± 0.215 χ^2/NDF : 245.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.198 ± 0.151 χ^2/NDF : 660.5/27

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 12.923+/-0.215 χ^2/NDF : 2086.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.439+/-0.219 χ^2/NDF : 3396.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

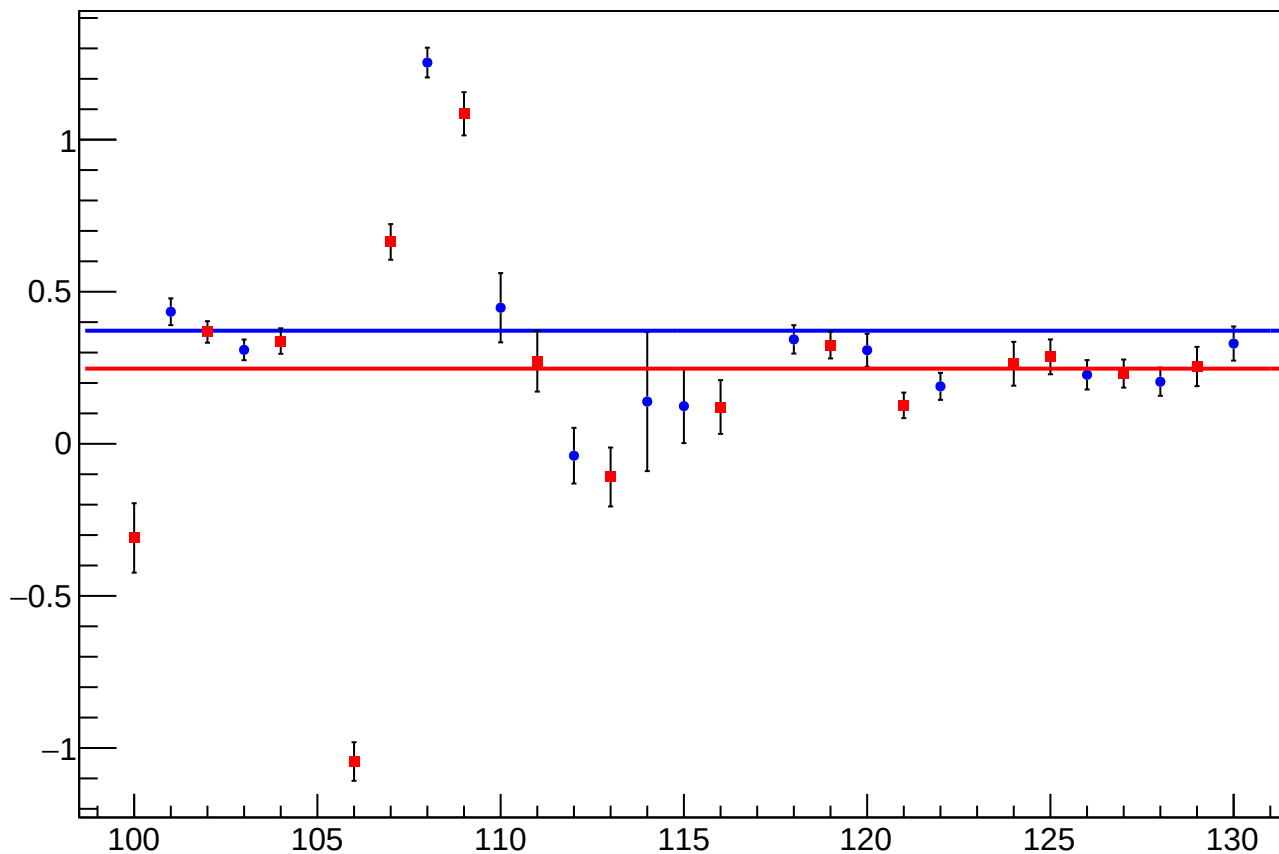
Right: 11.706+/-0.153 χ^2/NDF : 5548.1/27

In: 12.923+/-0.215 χ^2/NDF : 2086.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.706+/-0.153 χ^2/NDF : 5548.1/27

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.372 $\pm$ 0.015 χ^2 /NDF: 397.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.247 $\pm$ 0.014 χ^2 /NDF: 672.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

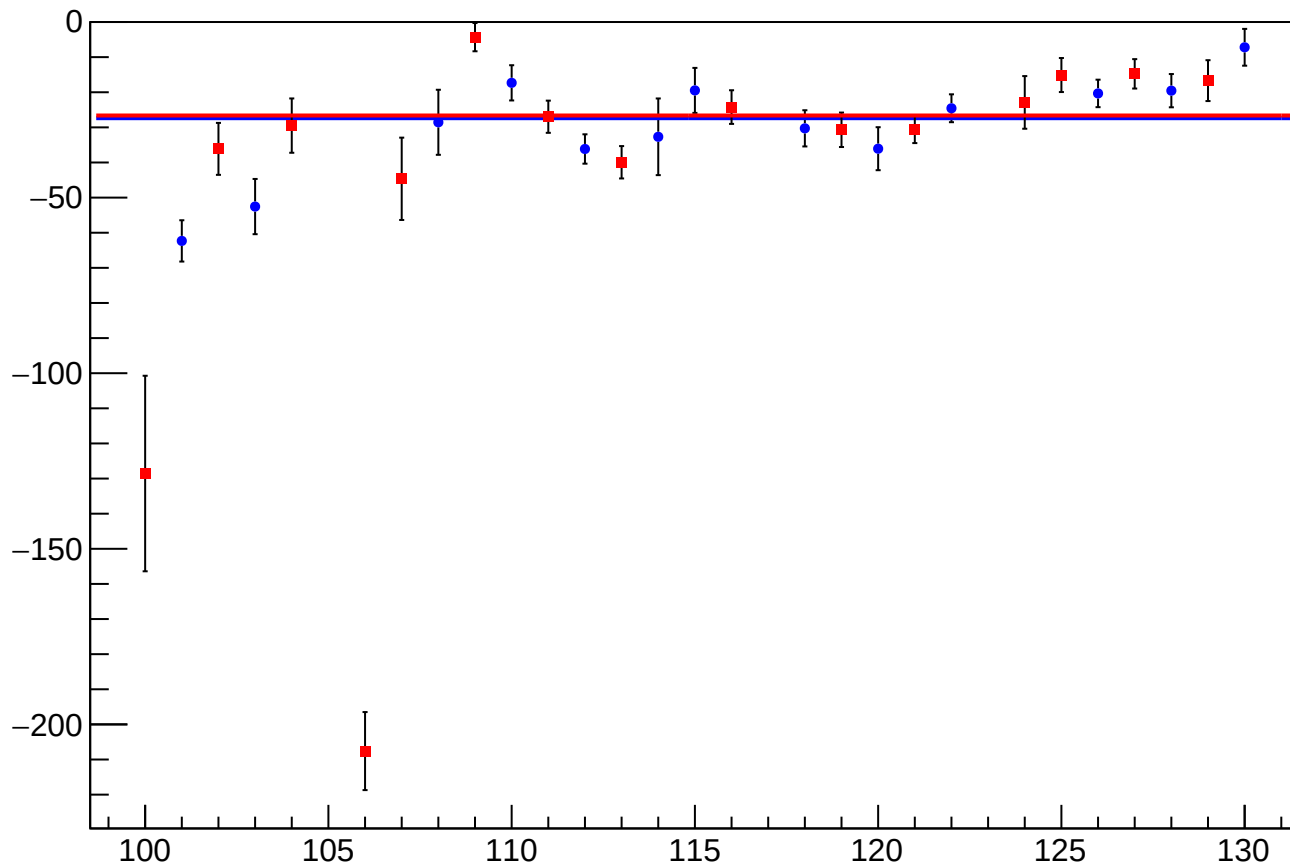
Right: 0.308 $\pm$ 0.010 χ^2 /NDF: 1106.7/27

In: 0.372 $\pm$ 0.015 χ^2 /NDF:397.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.308 $\pm$ 0.010 χ^2 /NDF: 1106.7/27

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -27.385 ± 1.473 χ^2/NDF : 79.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -26.618 ± 1.409 χ^2/NDF : 340.7/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

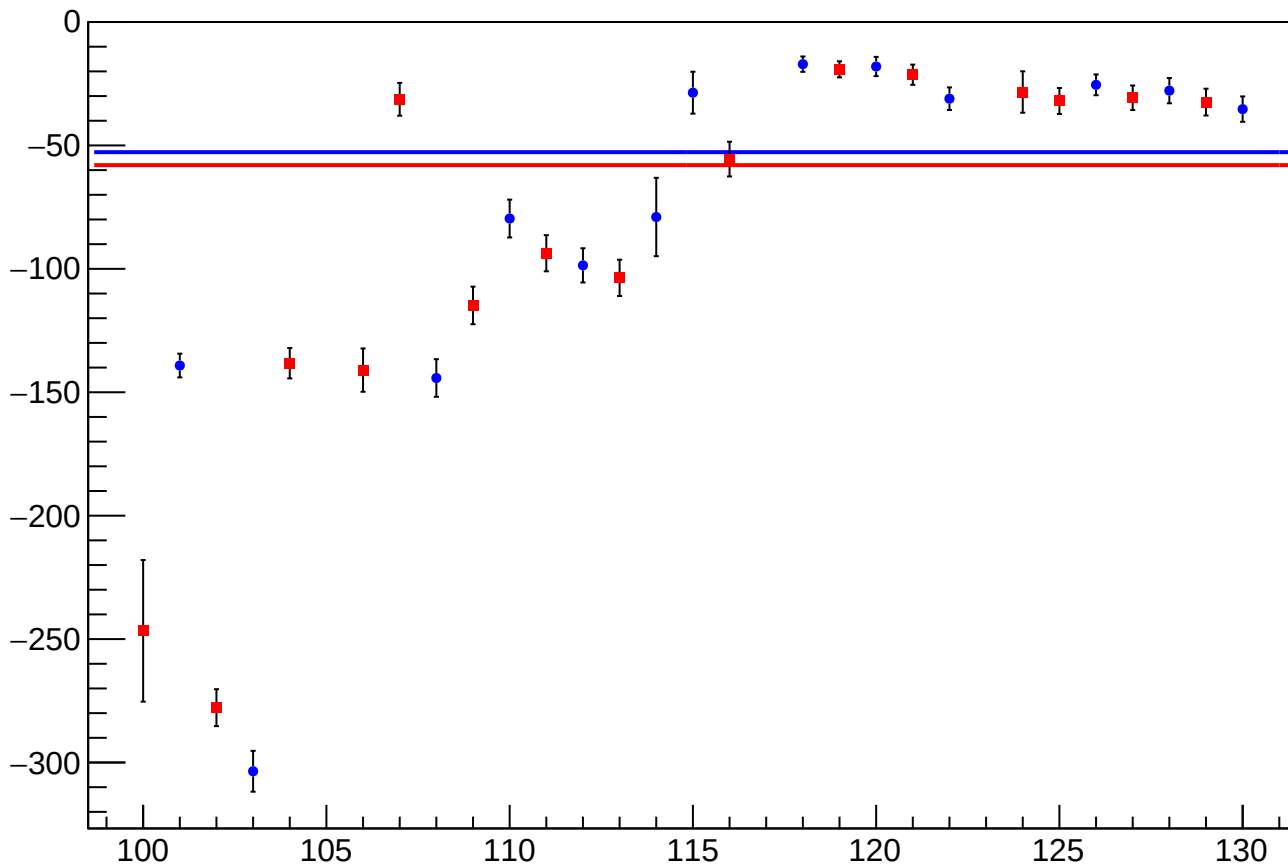
Right: -26.984 ± 1.018 χ^2/NDF : 420.3/27

In: -27.385 ± 1.473 χ^2/NDF : 79.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -26.984 ± 1.018 χ^2/NDF : 420.3/27

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -52.732 $\pm$ 1.443 χ^2 /NDF: 1762.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -57.979 $\pm$ 1.517 χ^2 /NDF: 1610.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

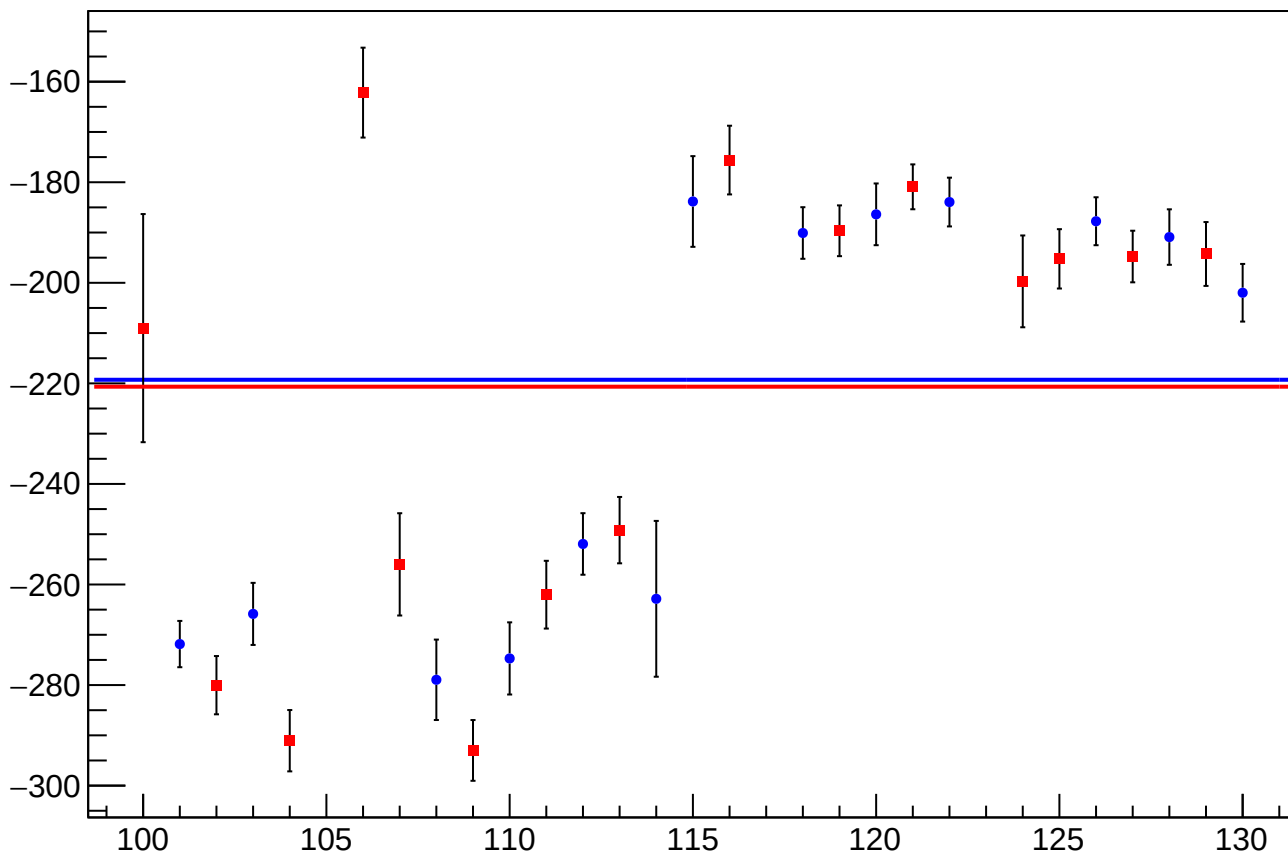
Right: -55.226 $\pm$ 1.046 χ^2 /NDF: 3379.5/27

In: -52.732 $\pm$ 1.443 χ^2 /NDF:1762.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -55.226 $\pm$ 1.046 χ^2 /NDF: 3379.5/27

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -219.282+/-1.653 χ^2/NDF : 547.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -220.659+/-1.650 χ^2/NDF : 720.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

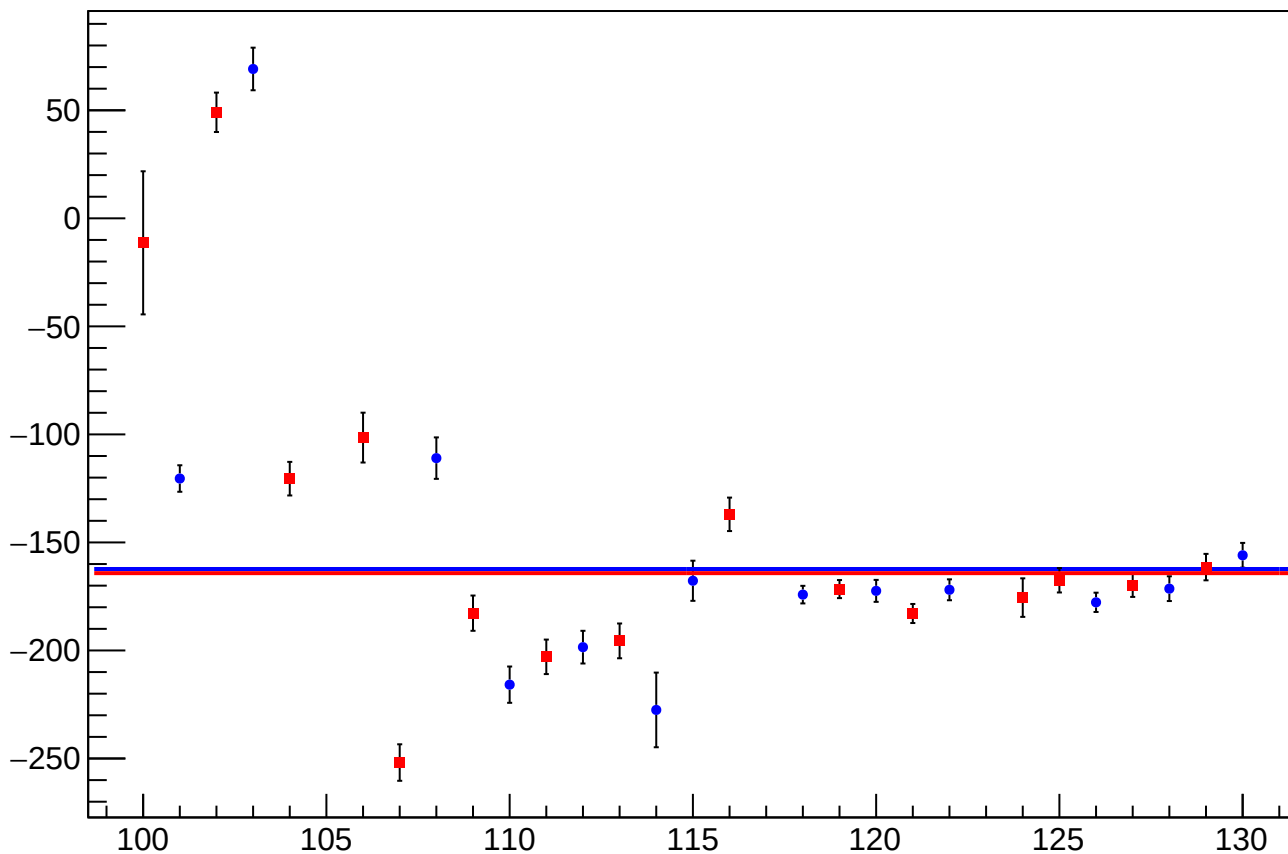
Right: -219.972+/-1.168 χ^2/NDF : 1268.4/27

In: -219.282+/-1.653 χ^2/NDF : 547.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -219.972+/-1.168 χ^2/NDF : 1268.4/27

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -162.296+/-1.697 χ^2/NDF : 736.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -164.216+/-1.745 χ^2/NDF : 817.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

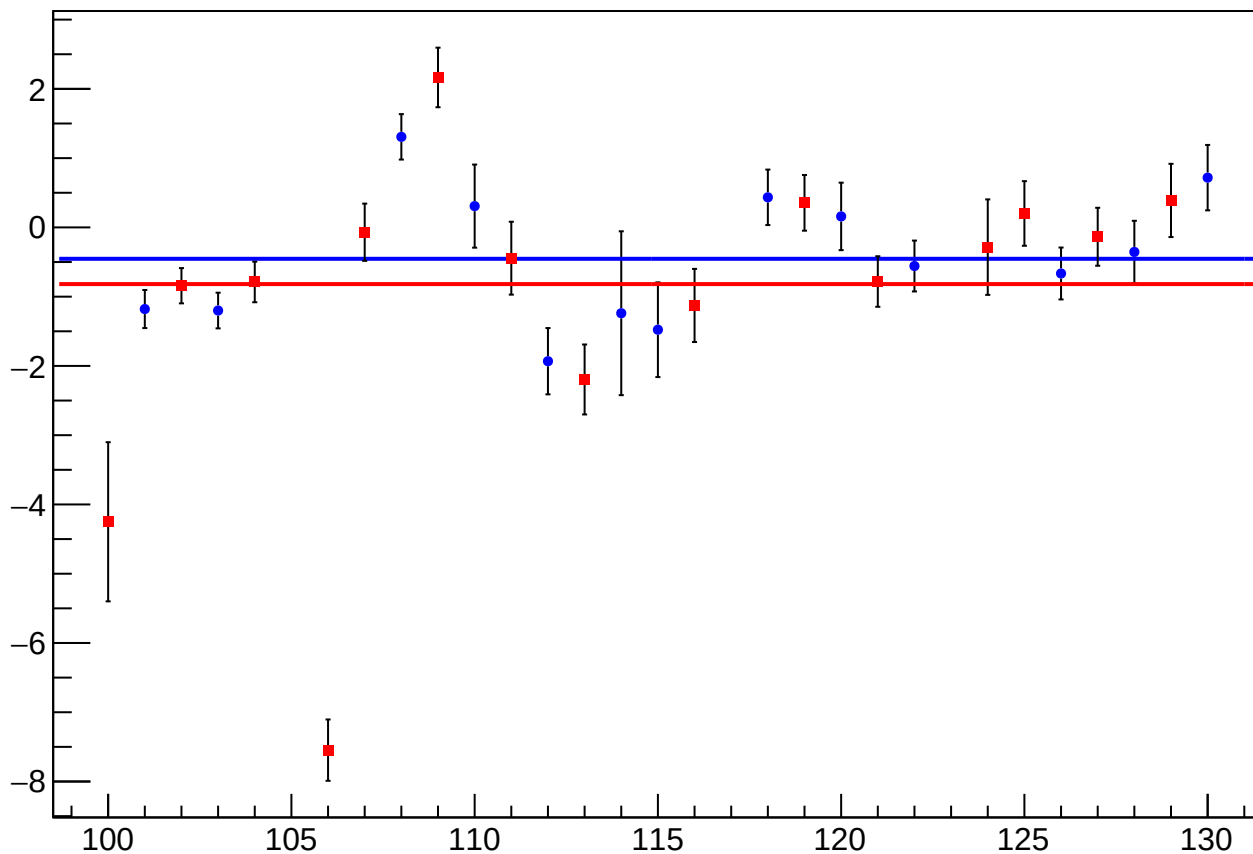
Right: -163.229+/-1.216 χ^2/NDF : 1554.8/27

In: -162.296+/-1.697 χ^2/NDF : 736.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -163.229+/-1.216 χ^2/NDF : 1554.8/27

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.453 ± 0.110 χ^2/NDF : 71.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.818 ± 0.108 χ^2/NDF : 321.4/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

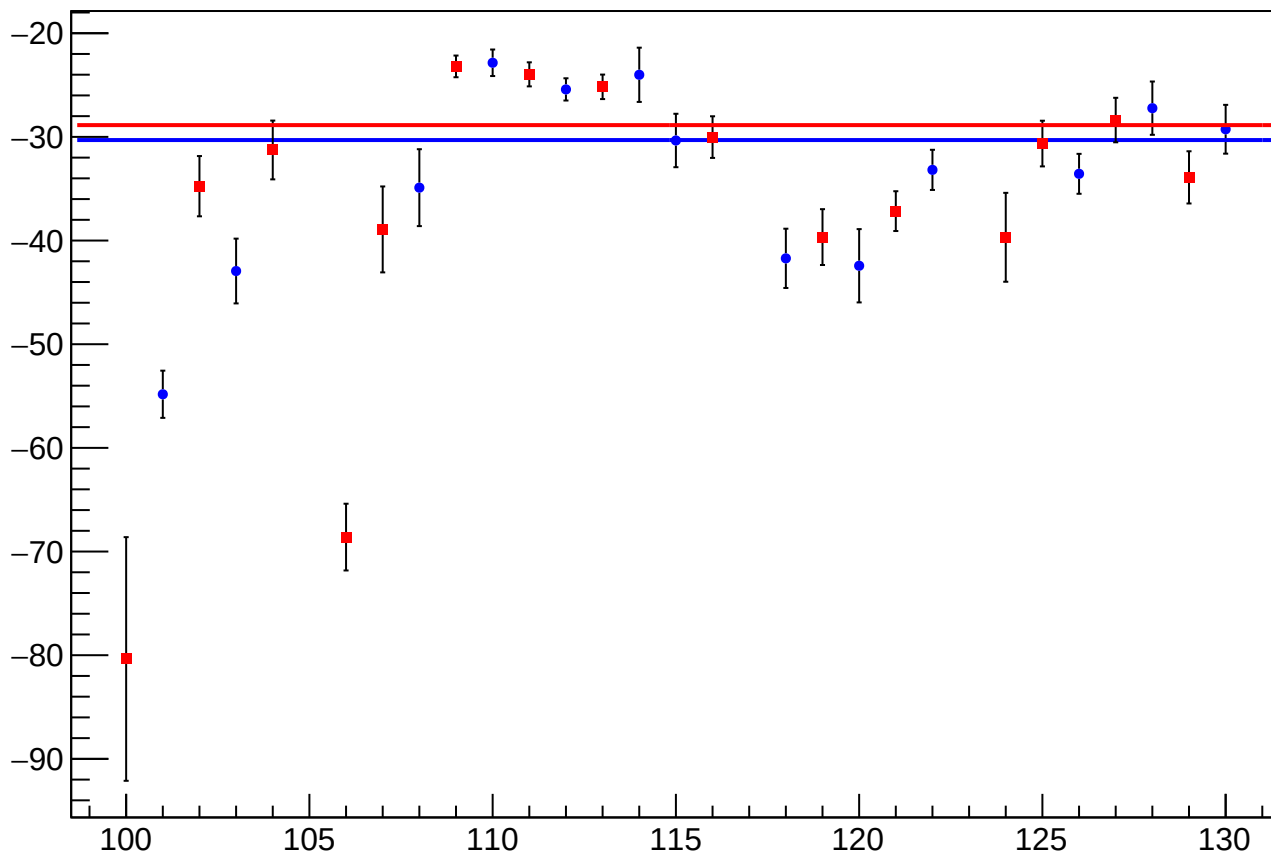
Right: -0.639 ± 0.077 χ^2/NDF : 398.1/27

In: -0.453 ± 0.110 χ^2/NDF : 71.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.639 ± 0.077 χ^2/NDF : 398.1/27

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -30.305 ± 0.558 χ^2/NDF : 228.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -28.864 ± 0.496 χ^2/NDF : 285.4/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

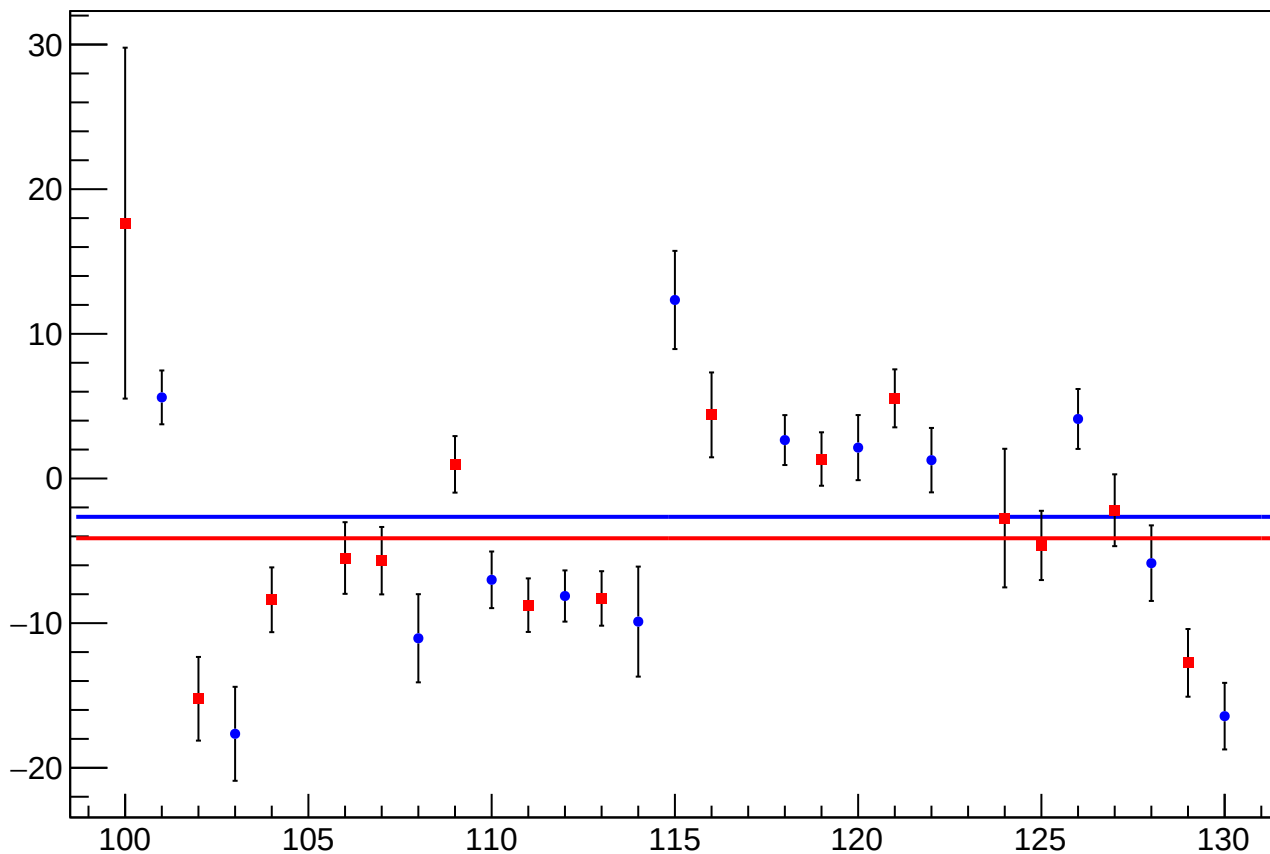
Right: -29.500 ± 0.370 χ^2/NDF : 517.9/27

In: -30.305 ± 0.558 χ^2/NDF : 228.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -29.500 ± 0.370 χ^2/NDF : 517.9/27

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.649 ± 0.629 χ^2/NDF : 151.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.131 ± 0.605 χ^2/NDF : 95.1/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

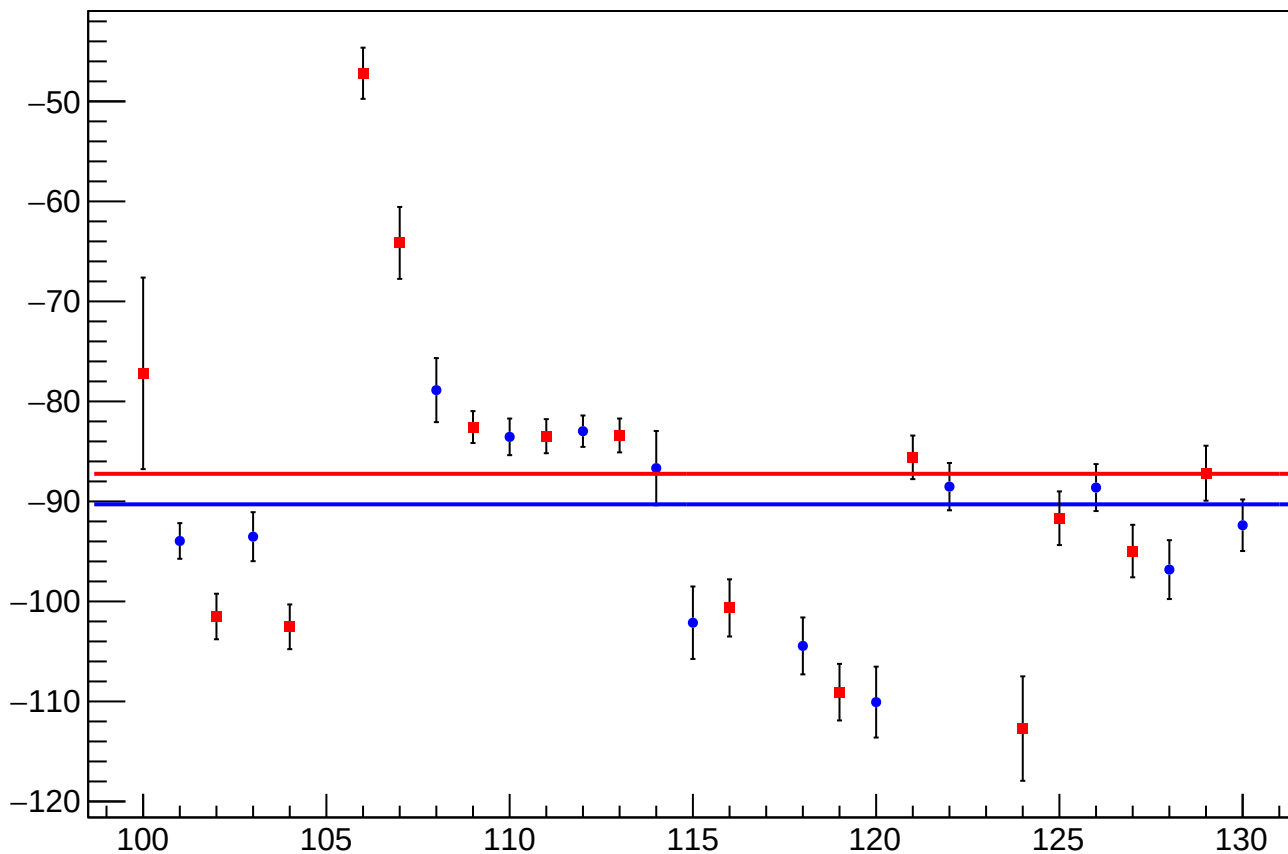
Right: -3.418 ± 0.436 χ^2/NDF : 249.3/27

In: -2.649 ± 0.629 χ^2/NDF : 151.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.418 ± 0.436 χ^2/NDF : 249.3/27

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -90.291+/-0.665 χ^2/NDF : 128.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -87.240+/-0.616 χ^2/NDF : 509.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

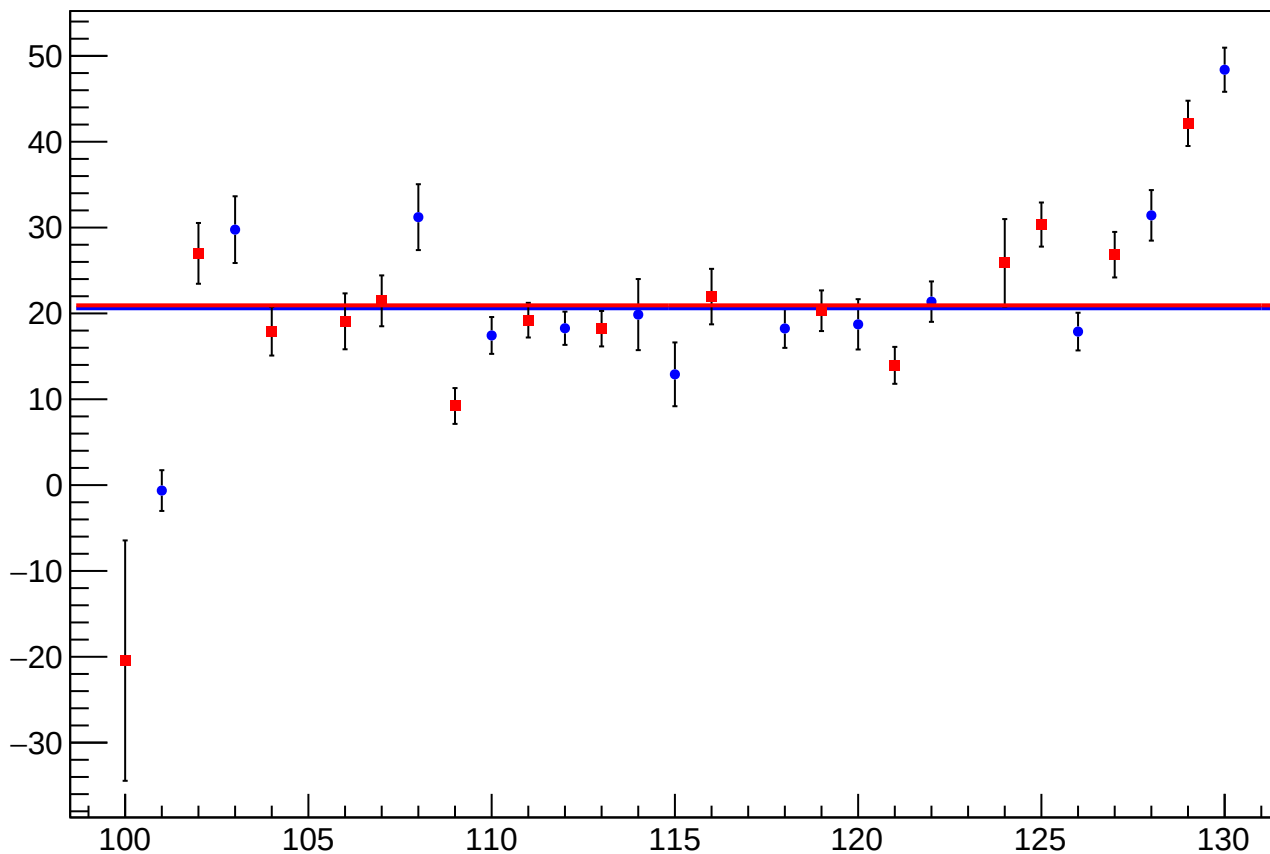
Right: -88.650+/-0.452 χ^2/NDF : 648.9/27

In: -90.291+/-0.665 χ^2/NDF : 128.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -88.650+/-0.452 χ^2/NDF : 648.9/27

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.600+/-0.727 χ^2/NDF : 234.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.940+/-0.691 χ^2/NDF : 141.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

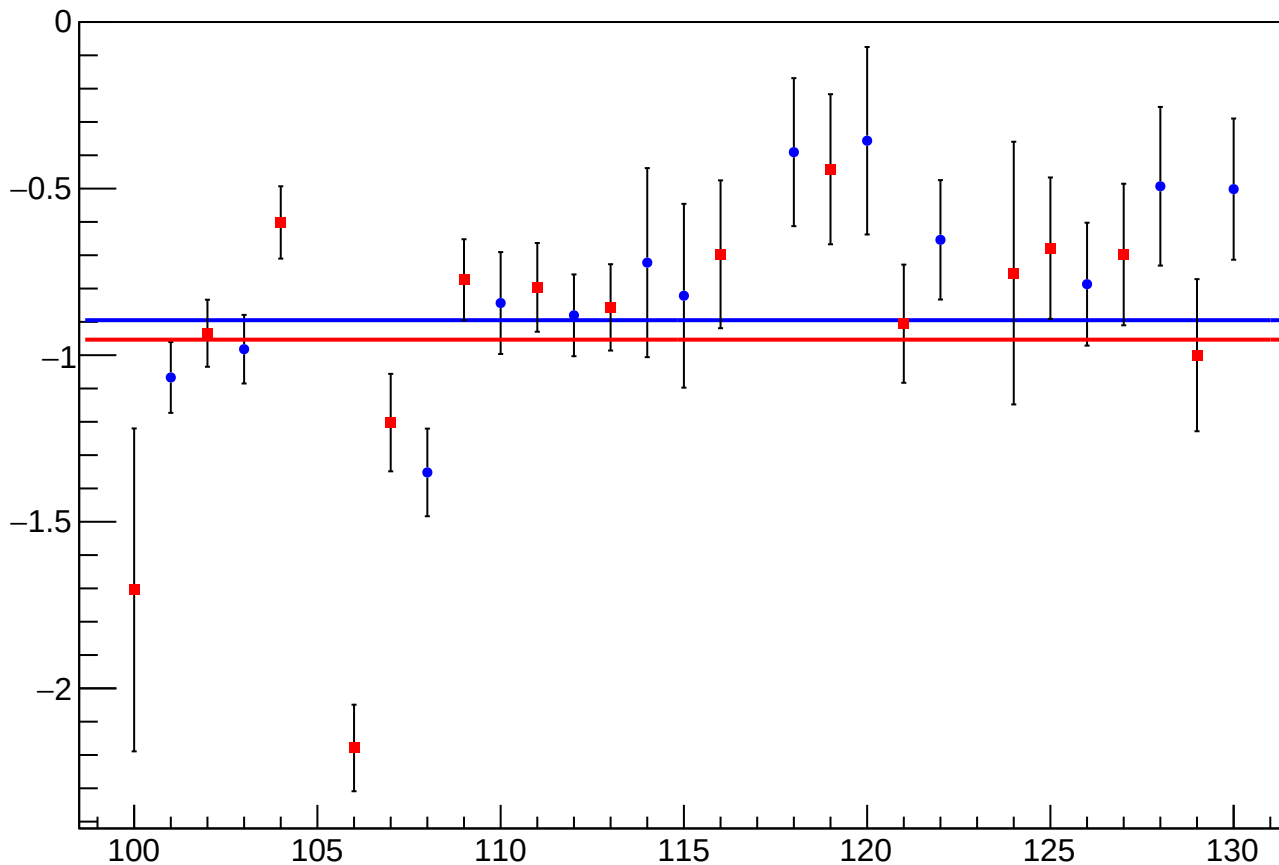
Right: 20.778+/-0.501 χ^2/NDF : 376.6/27

In: 20.600+/-0.727 χ^2/NDF : 234.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.778+/-0.501 χ^2/NDF : 376.6/27

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.895 ± 0.044 χ^2/NDF : 33.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.953 ± 0.040 χ^2/NDF : 119.0/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

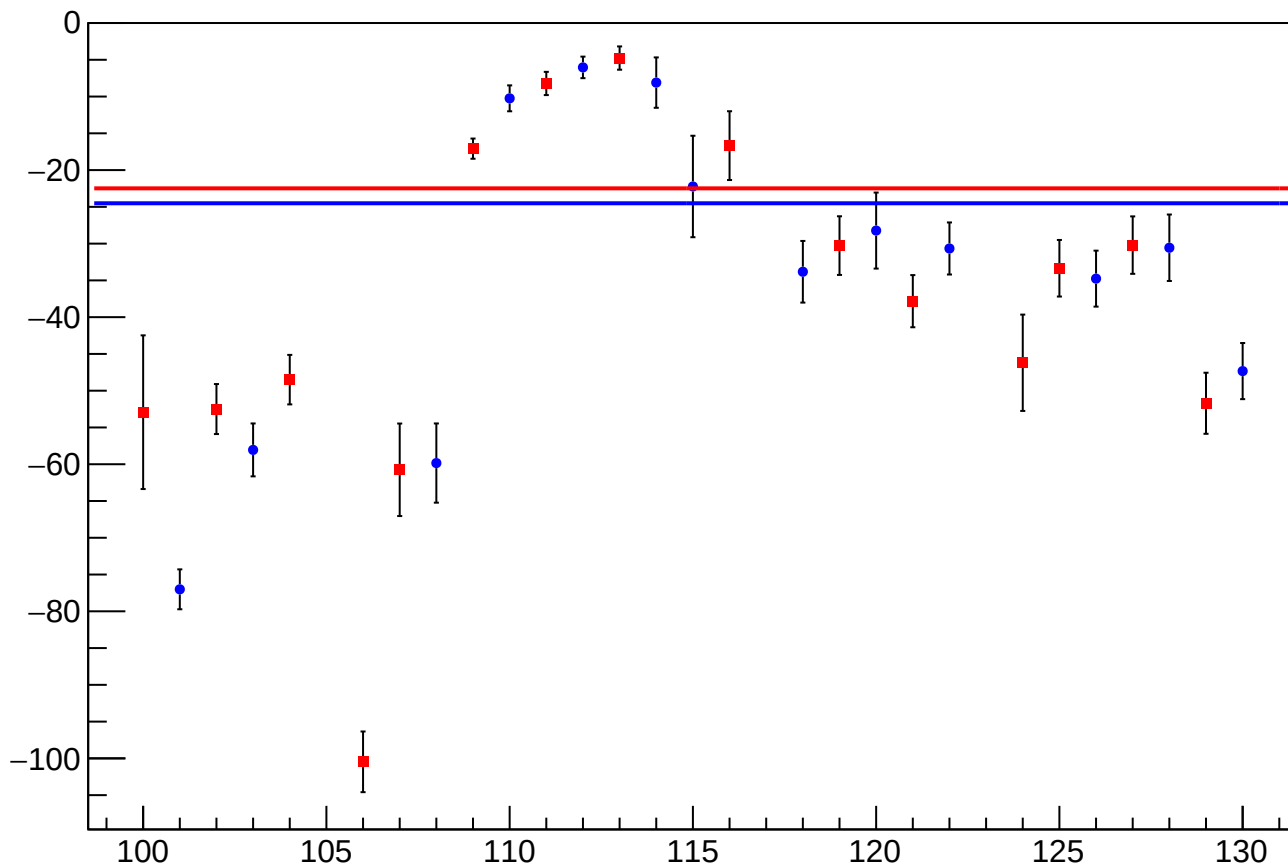
Right: -0.927 ± 0.030 χ^2/NDF : 153.2/27

In: -0.895 ± 0.044 χ^2/NDF : 33.2/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.927 ± 0.030 χ^2/NDF : 153.2/27

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -24.513+/-0.816 χ^2/NDF : 805.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -22.484+/-0.707 χ^2/NDF : 861.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

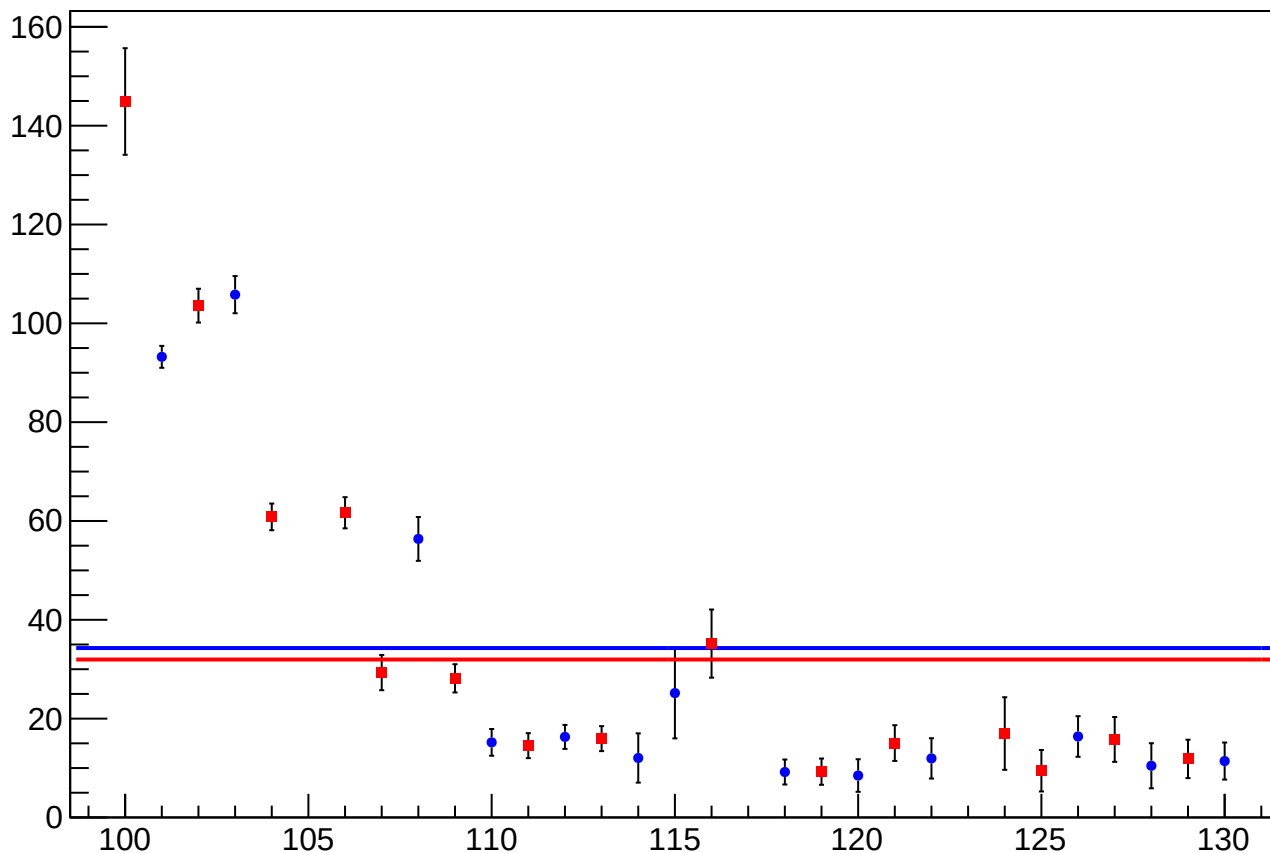
Right: -23.354+/-0.534 χ^2/NDF : 1670.3/27

In: -24.513+/-0.816 χ^2/NDF : 805.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.354+/-0.534 χ^2/NDF : 1670.3/27

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 34.283+/-0.925 χ^2 /NDF: 1489.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 31.963+/-0.886 χ^2 /NDF: 1007.8/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

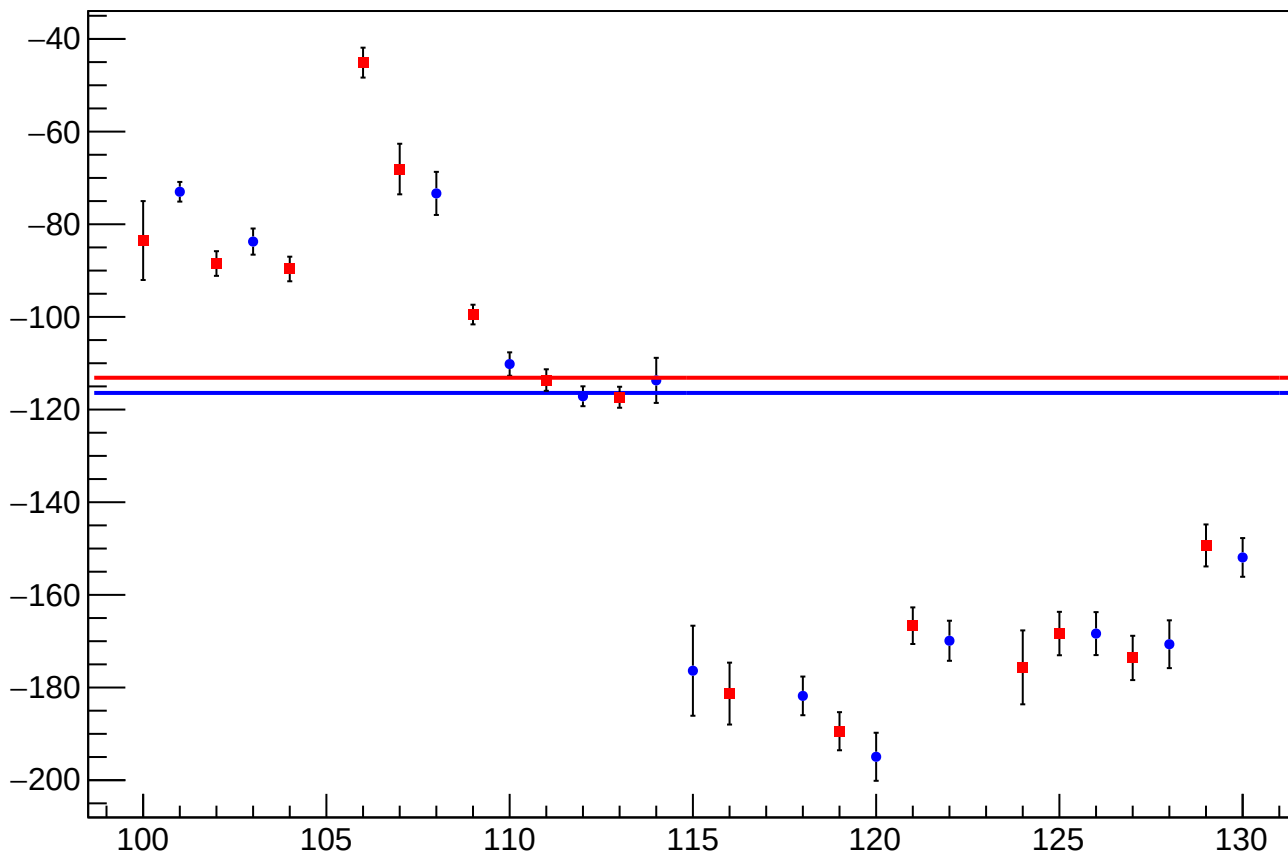
Right: 33.073+/-0.640 χ^2 /NDF: 2500.7/27

In: 34.283+/-0.925 χ^2 /NDF:1489.6/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 33.073+/-0.640 χ^2 /NDF: 2500.7/27

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -116.409 $\pm$ 0.949 χ^2 /NDF: 1618.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -113.132 $\pm$ 0.868 χ^2 /NDF: 1788.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

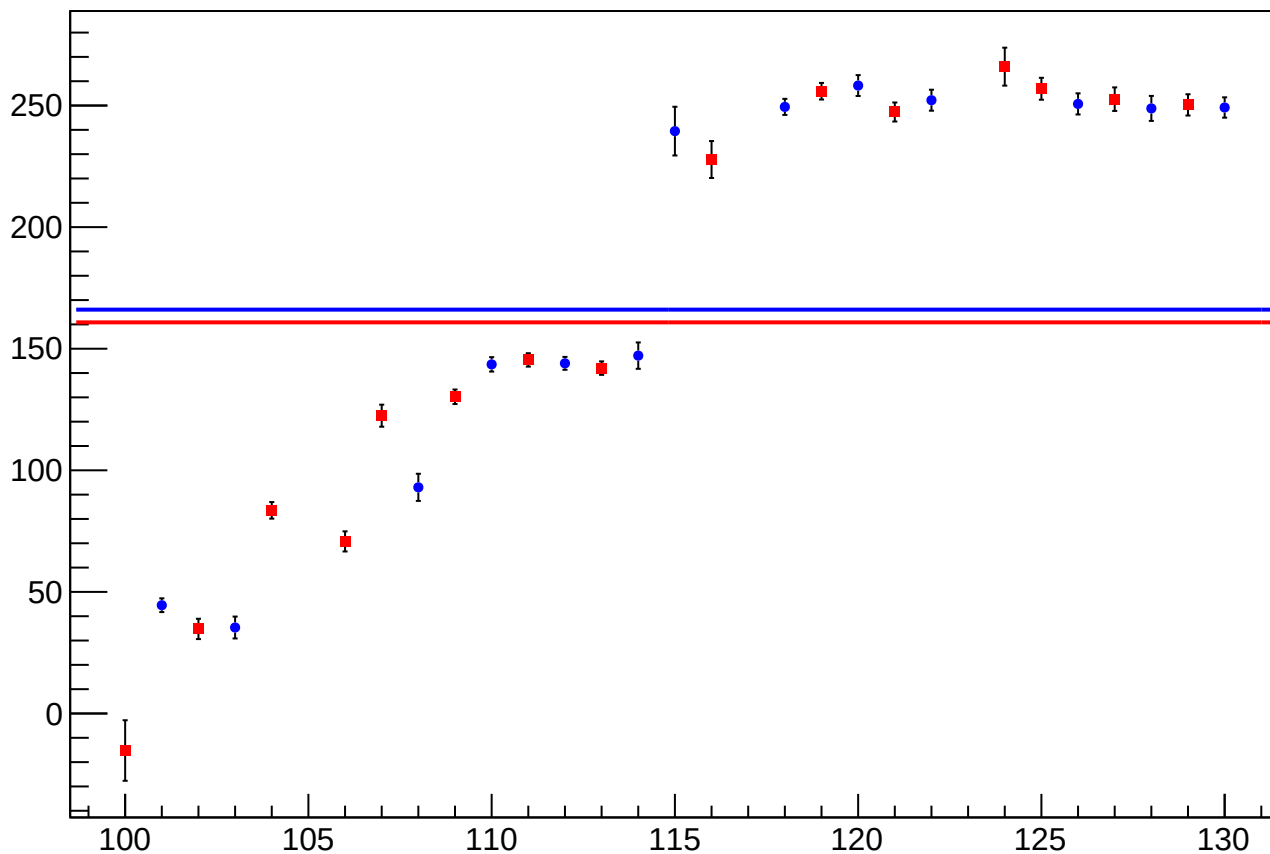
Right: -114.624 $\pm$ 0.641 χ^2 /NDF: 3413.6/27

In: -116.409 $\pm$ 0.949 χ^2 /NDF:1618.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -114.624 $\pm$ 0.641 χ^2 /NDF: 3413.6/27

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 166.075+/-1.082 χ^2/NDF : 5585.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 160.834+/-1.020 χ^2/NDF : 5110.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

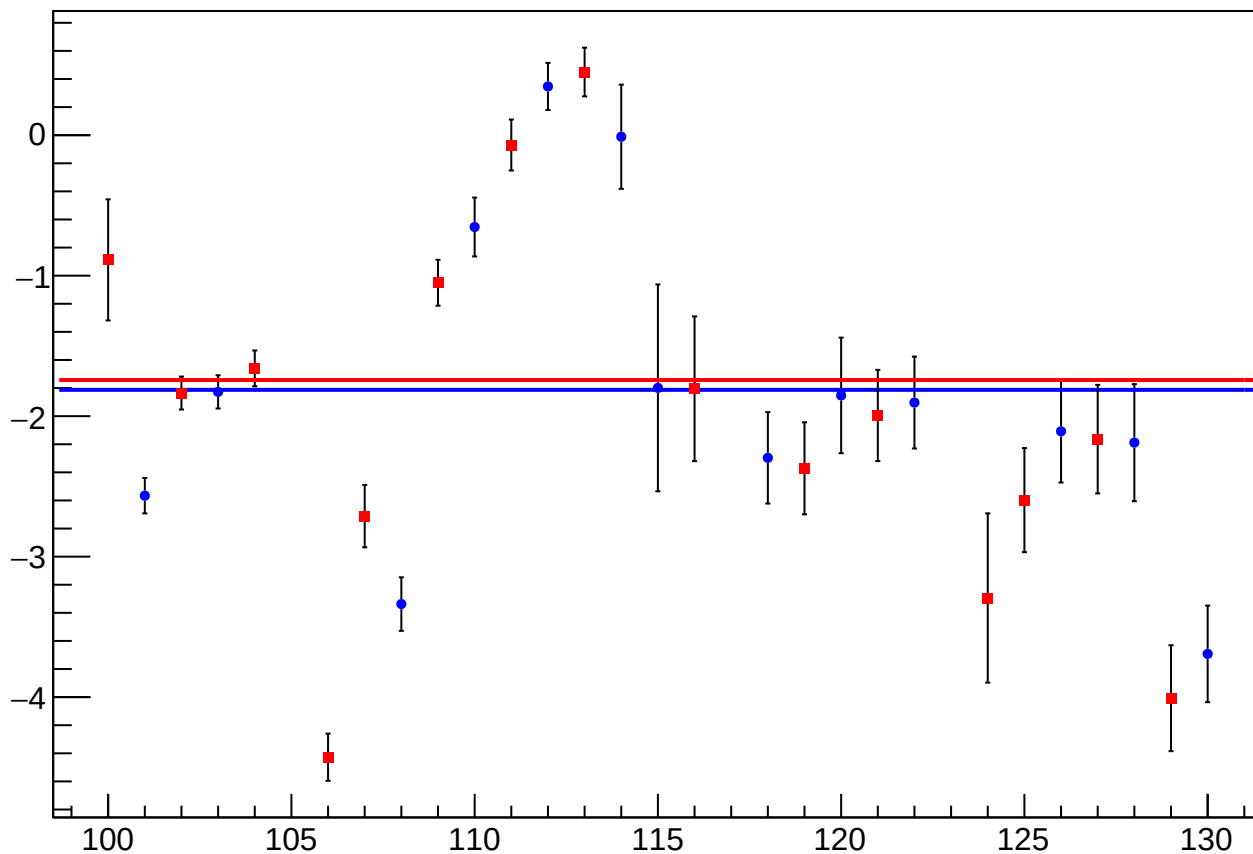
Right: 163.301+/-0.742 χ^2/NDF : 10708.2/27

In: 166.075+/-1.082 χ^2/NDF : 5585.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.301+/-0.742 χ^2/NDF : 10708.2/27

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.813+/-0.060 χ^2/NDF : 353.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.743+/-0.054 χ^2/NDF : 595.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

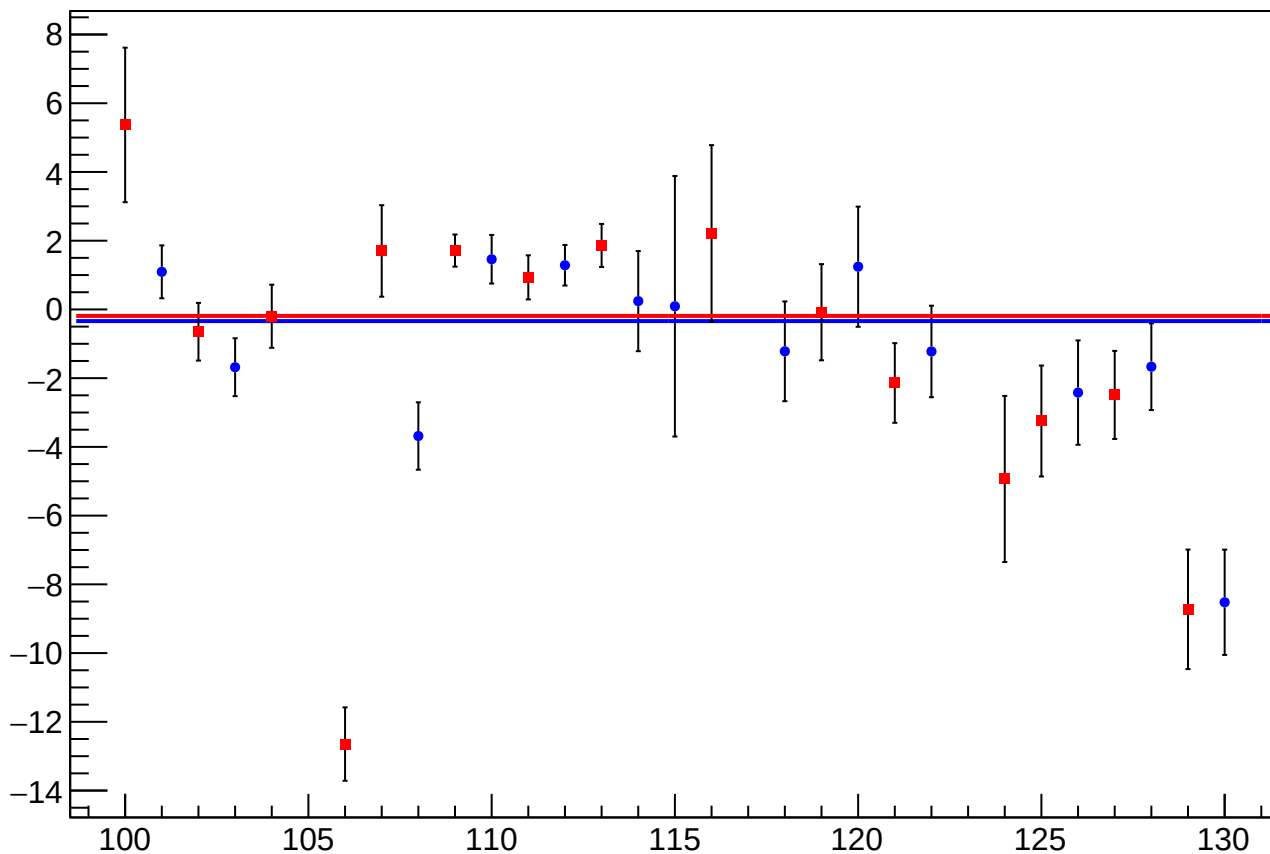
Right: -1.774+/-0.040 χ^2/NDF : 950.2/27

In: -1.813+/-0.060 χ^2/NDF :353.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.774+/-0.040 χ^2/NDF : 950.2/27

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.340 ± 0.284 χ^2/NDF : 65.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.189 ± 0.245 χ^2/NDF : 213.2/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

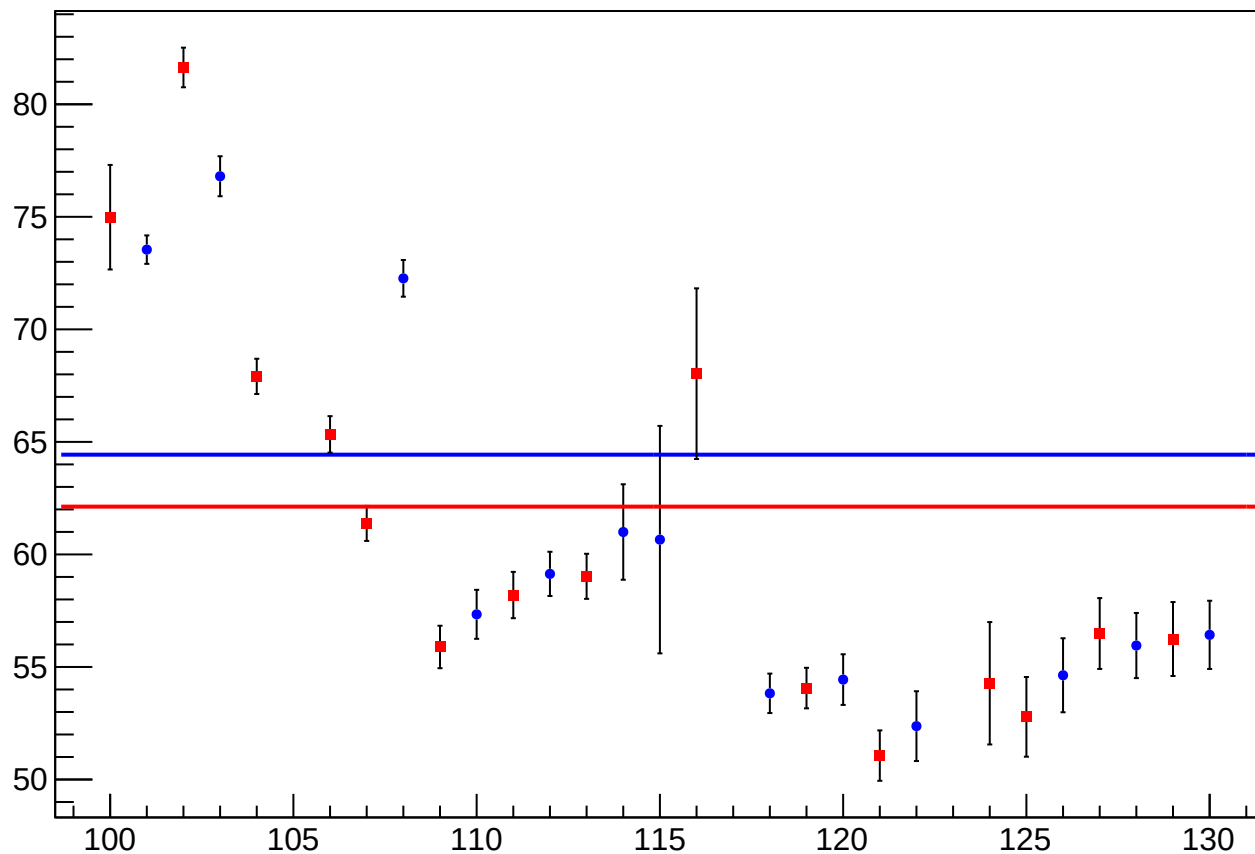
Right: -0.253 ± 0.185 χ^2/NDF : 278.4/27

In: -0.340 ± 0.284 χ^2/NDF : 65.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.253 ± 0.185 χ^2/NDF : 278.4/27

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 64.433+/-0.299 χ^2/NDF : 952.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.124+/-0.281 χ^2/NDF : 903.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

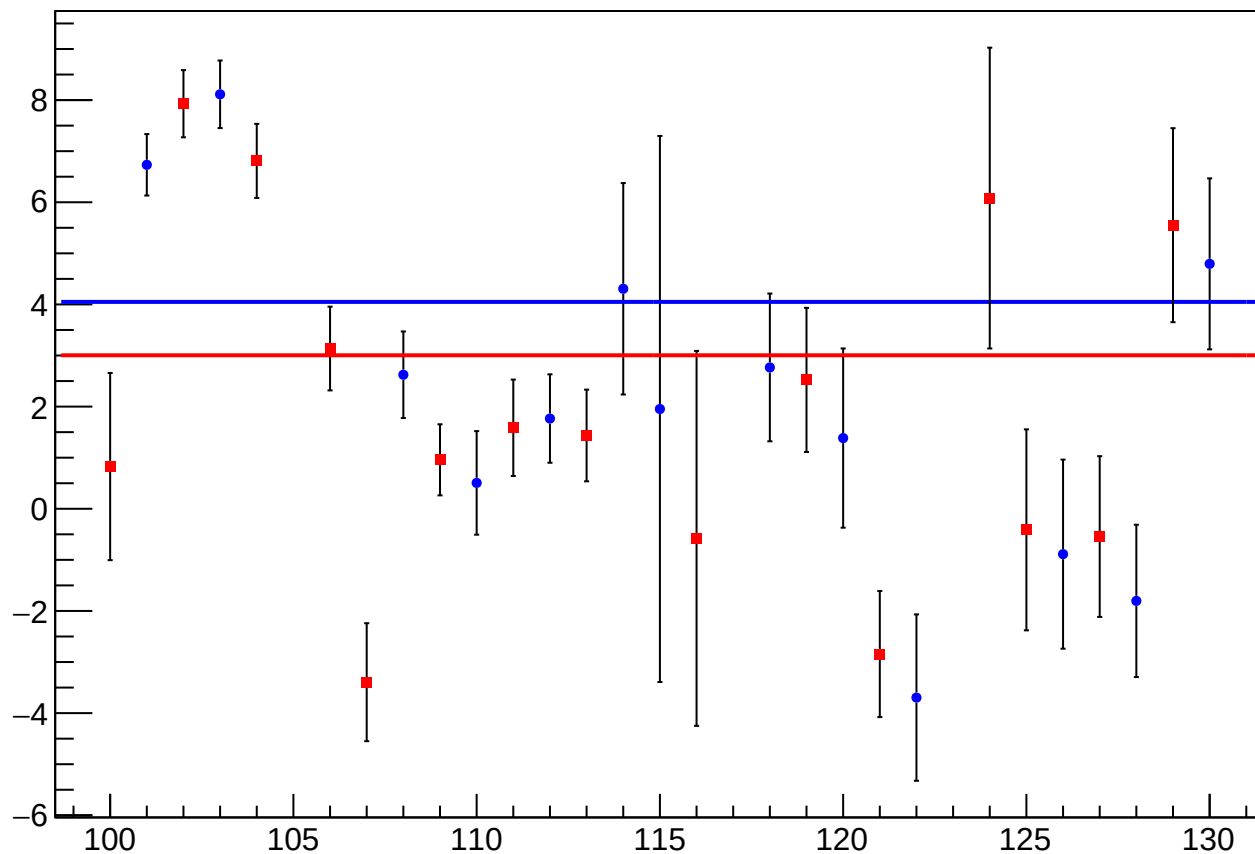
Right: 63.207+/-0.205 χ^2/NDF : 1886.9/27

In: 64.433+/-0.299 χ^2/NDF : 952.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.207+/-0.205 χ^2/NDF : 1886.9/27

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 4.050 $\pm$ 0.297 χ^2 /NDF: 128.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.005 $\pm$ 0.272 χ^2 /NDF: 164.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

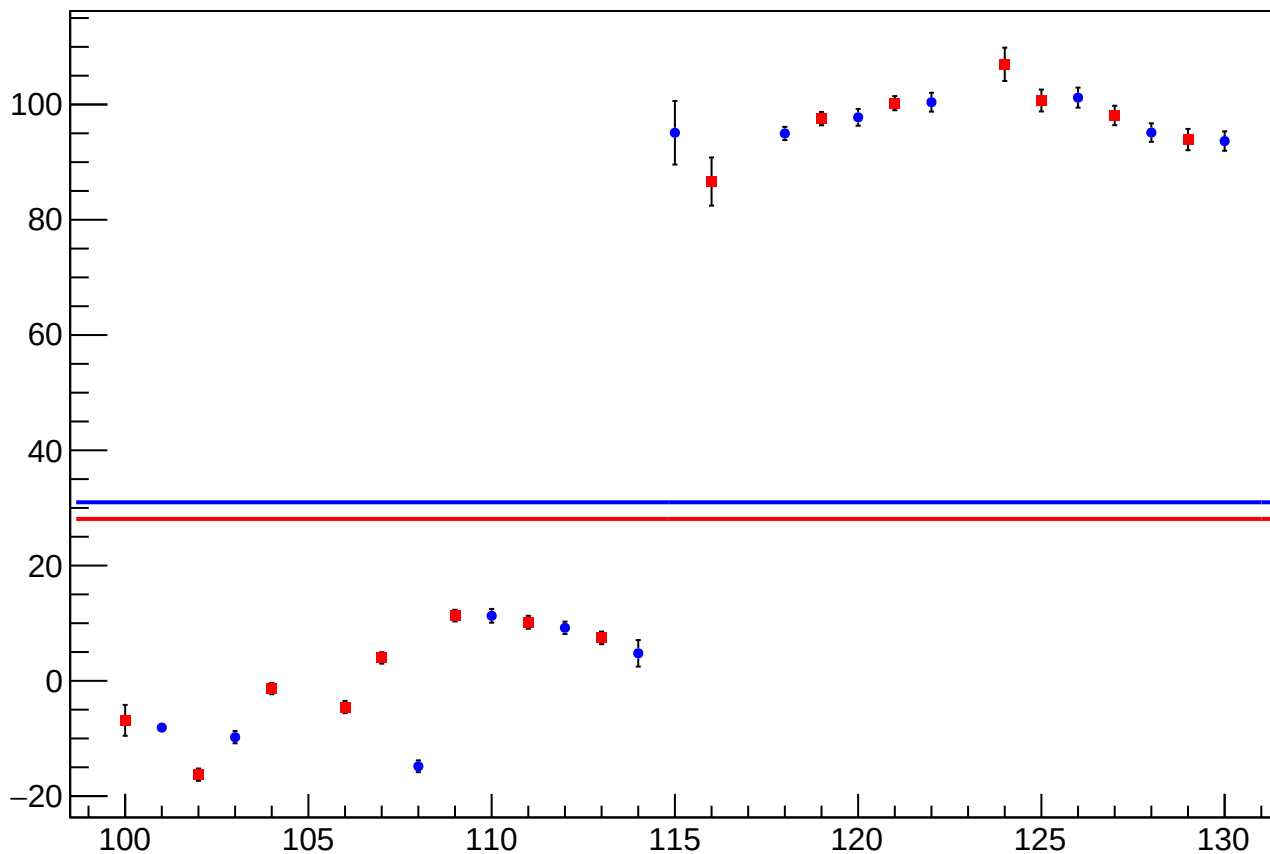
Right: 3.481 $\pm$ 0.201 χ^2 /NDF: 299.3/27

In: 4.050 $\pm$ 0.297 χ^2 /NDF:128.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.481 $\pm$ 0.201 χ^2 /NDF: 299.3/27

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 30.980+/-0.356 χ^2 /NDF: 18438.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 28.090+/-0.331 χ^2 /NDF: 17707.1/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

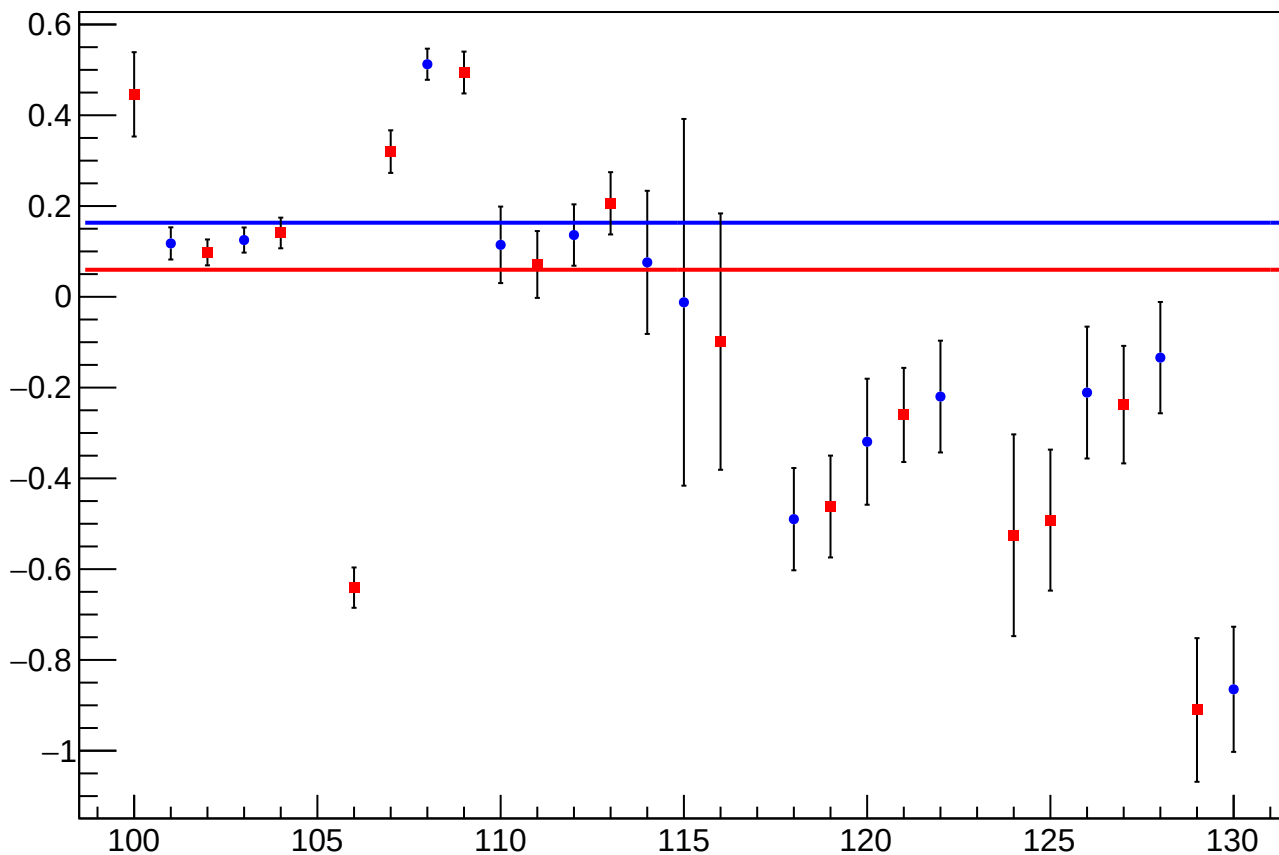
Right: 29.430+/-0.243 χ^2 /NDF: 36181.0/27

In: 30.980+/-0.356 χ^2 /NDF:18438.6/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 29.430+/-0.243 χ^2 /NDF: 36181.0/27

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.163+/-0.016 χ^2/NDF : 231.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.060+/-0.015 χ^2/NDF : 491.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

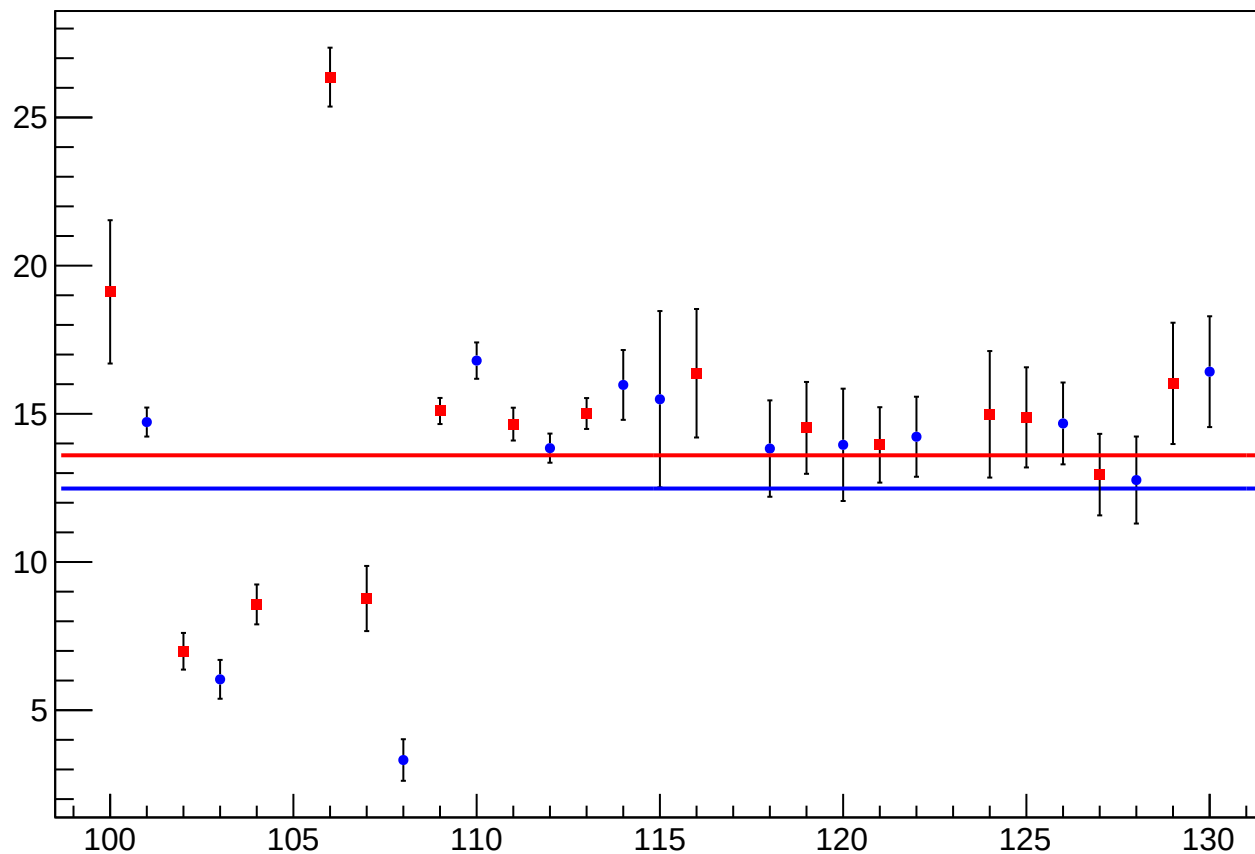
Right: 0.107+/-0.011 χ^2/NDF : 744.6/27

In: 0.163+/-0.016 χ^2/NDF : 231.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.107+/-0.011 χ^2/NDF : 744.6/27

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 12.479+/-0.232 χ^2/NDF : 365.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.600+/-0.216 χ^2/NDF : 386.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

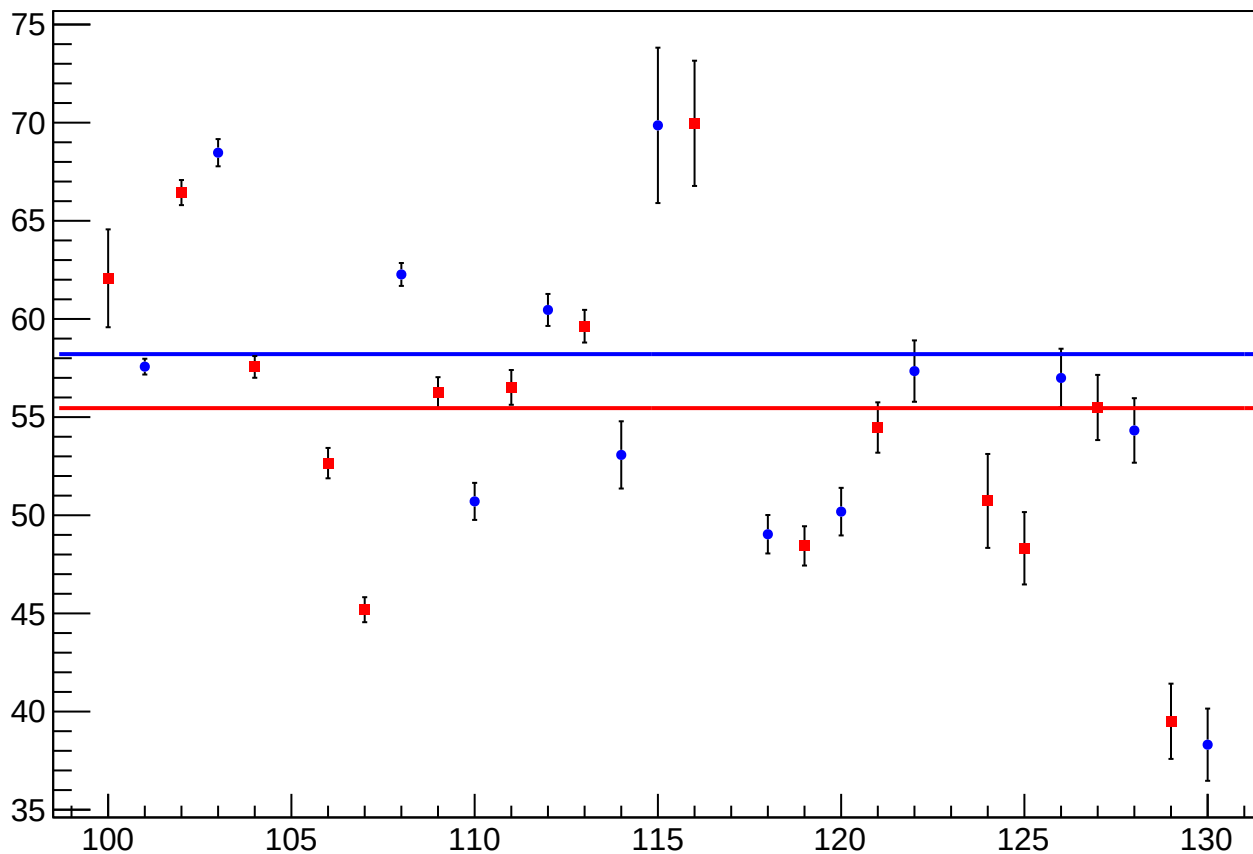
Right: 13.080+/-0.158 χ^2/NDF : 764.3/27

In: 12.479+/-0.232 χ^2/NDF : 365.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.080+/-0.158 χ^2/NDF : 764.3/27

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 58.209+/-0.239 χ^2/NDF : 613.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.458+/-0.242 χ^2/NDF : 775.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

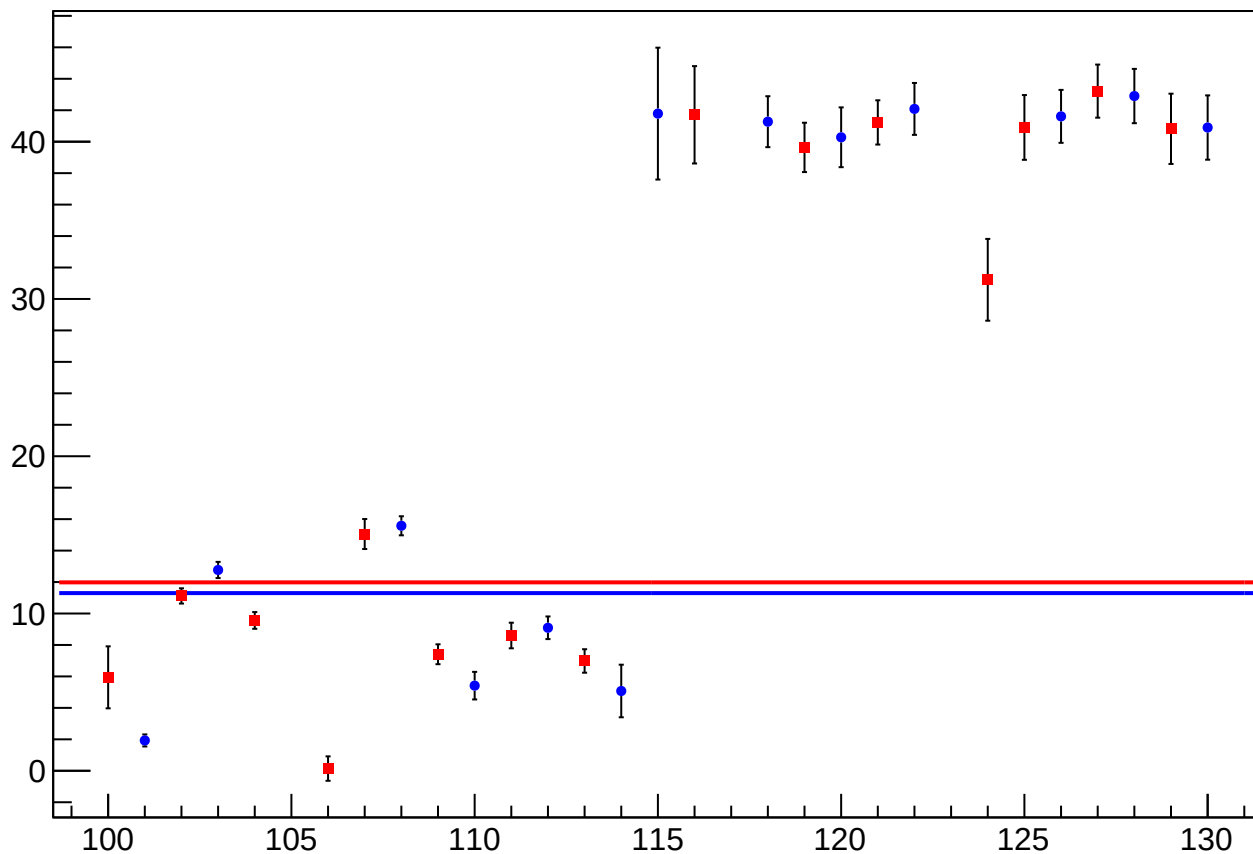
Right: 56.847+/-0.170 χ^2/NDF : 1454.9/27

In: 58.209+/-0.239 χ^2/NDF : 613.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.847+/-0.170 χ^2/NDF : 1454.9/27

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.298+/-0.230 χ^2 /NDF: 2570.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 11.980+/-0.232 χ^2 /NDF: 1986.8/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

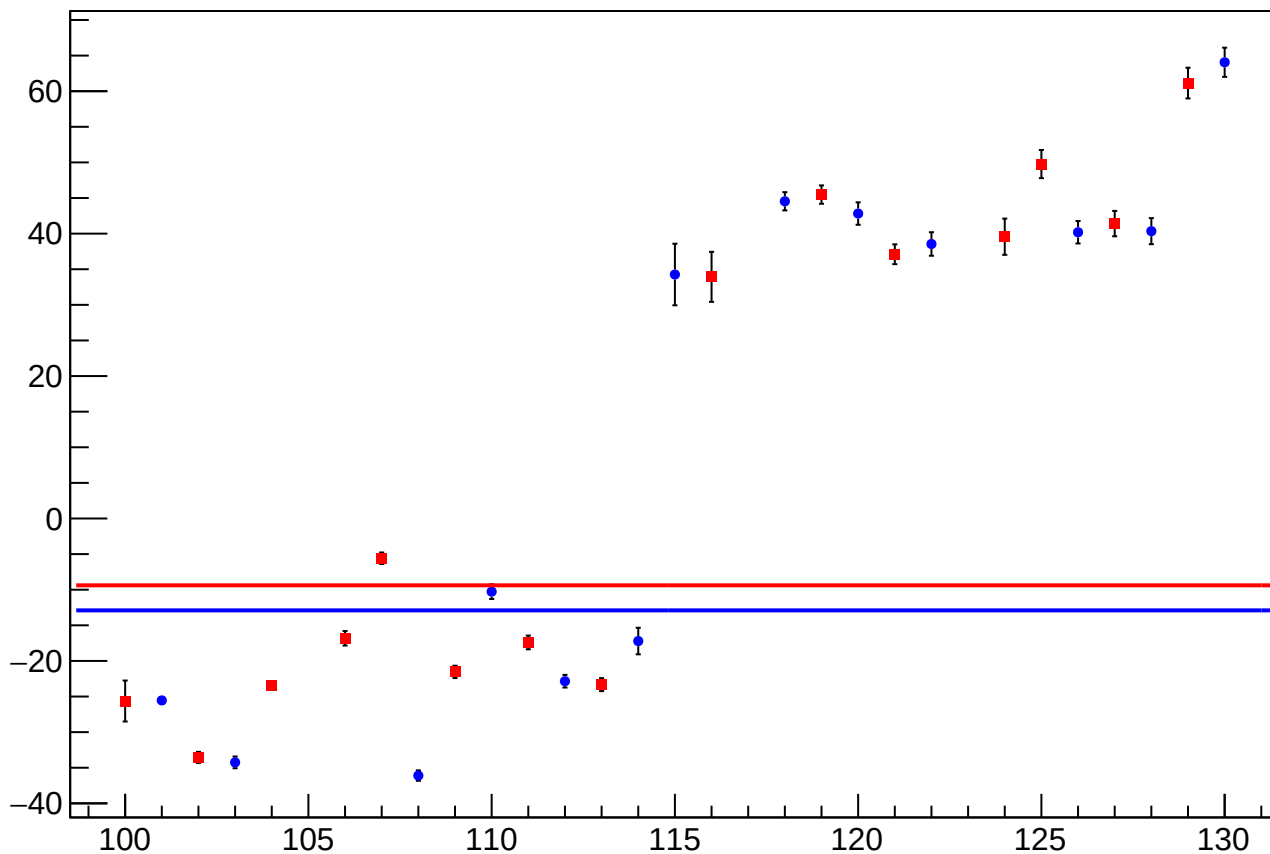
Right: 11.636+/-0.163 χ^2 /NDF: 4561.7/27

In: 11.298+/-0.230 χ^2 /NDF:2570.6/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 11.636+/-0.163 χ^2 /NDF: 4561.7/27

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.901 $\pm$ 0.288 χ^2 /NDF: 10161.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -9.385 $\pm$ 0.287 χ^2 /NDF: 8224.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

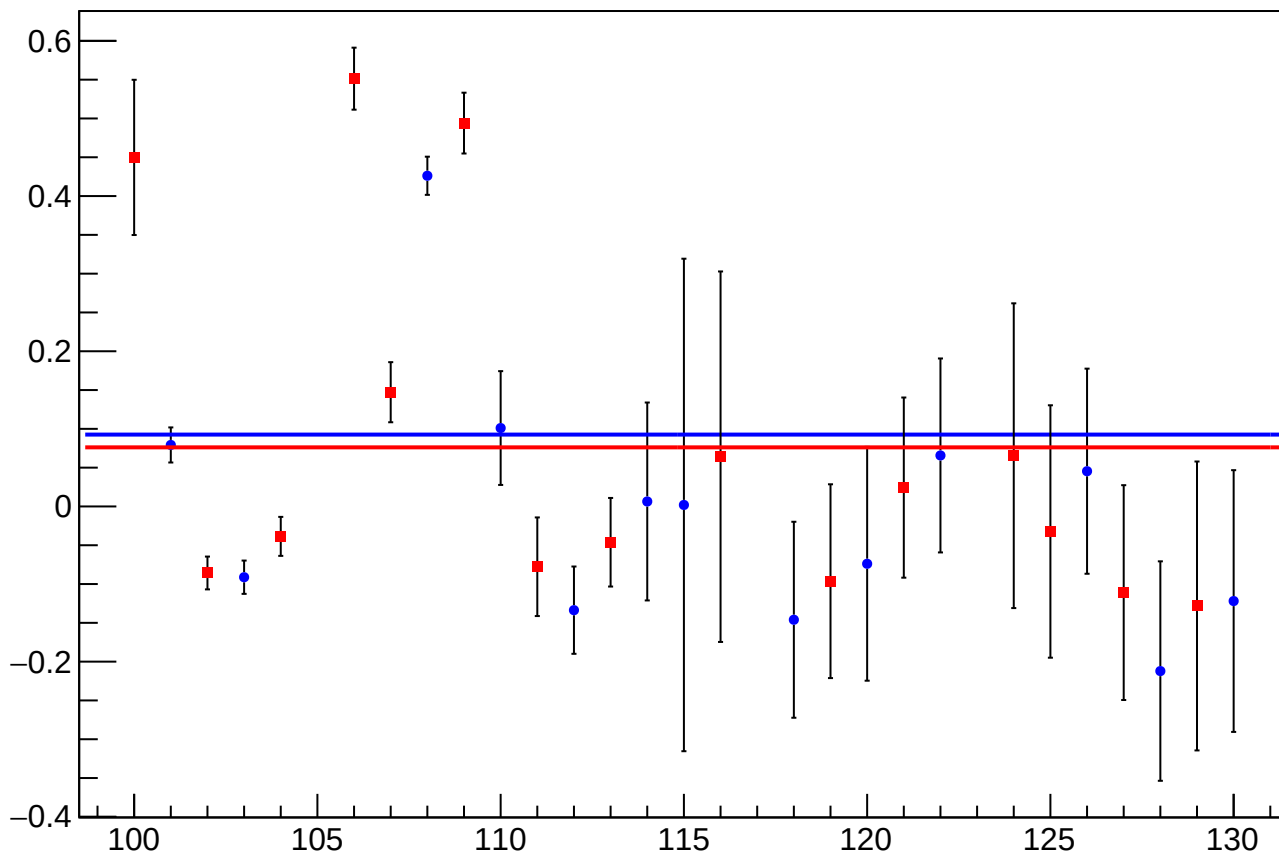
Right: -11.137 $\pm$ 0.204 χ^2 /NDF: 18460.0/27

In: -12.901 $\pm$ 0.288 χ^2 /NDF:10161.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -11.137 $\pm$ 0.204 χ^2 /NDF: 18460.0/27

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.093+/-0.012 χ^2/NDF : 285.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.076+/-0.012 χ^2/NDF : 368.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

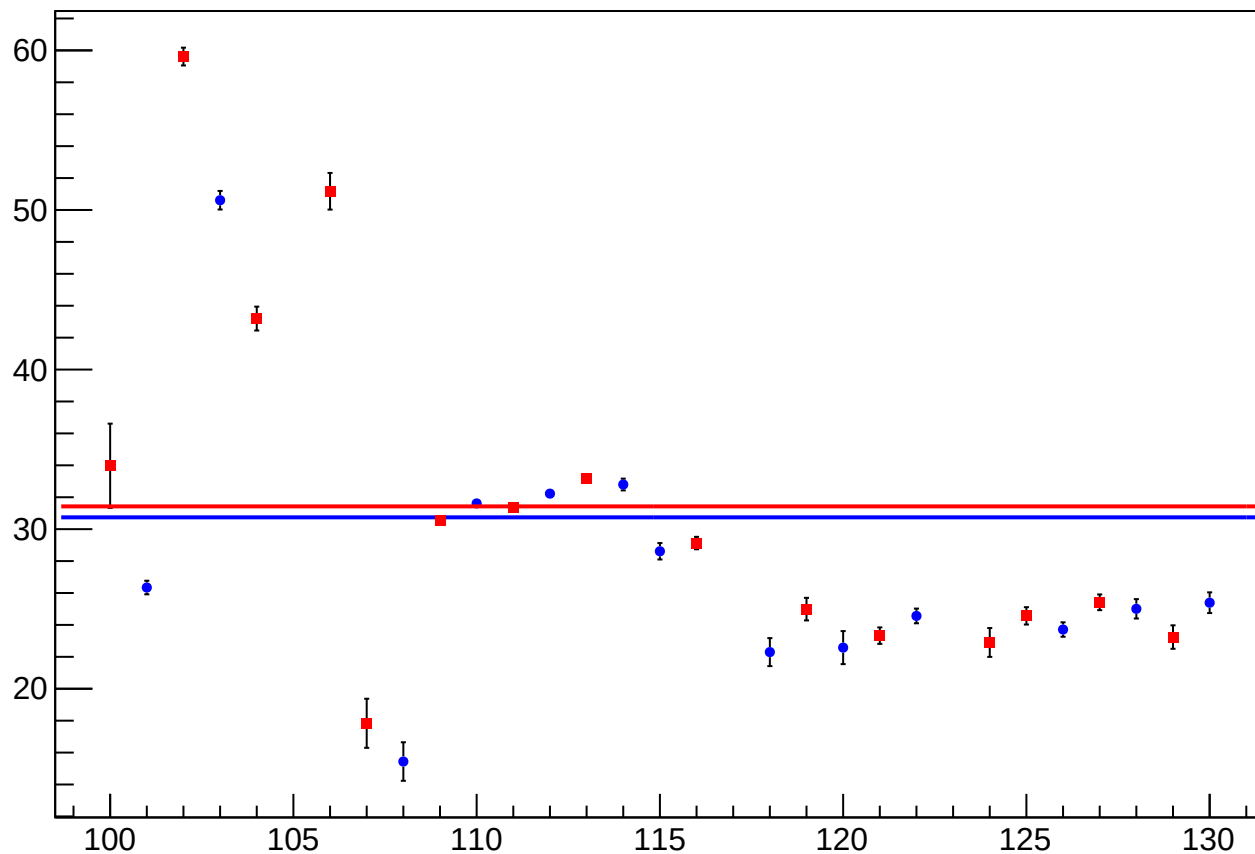
Right: 0.084+/-0.009 χ^2/NDF : 654.5/27

In: 0.093+/-0.012 χ^2/NDF : 285.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.084+/-0.009 χ^2/NDF : 654.5/27

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 30.741+/-0.100 χ^2/NDF : 2318.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.427+/-0.083 χ^2/NDF : 4198.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

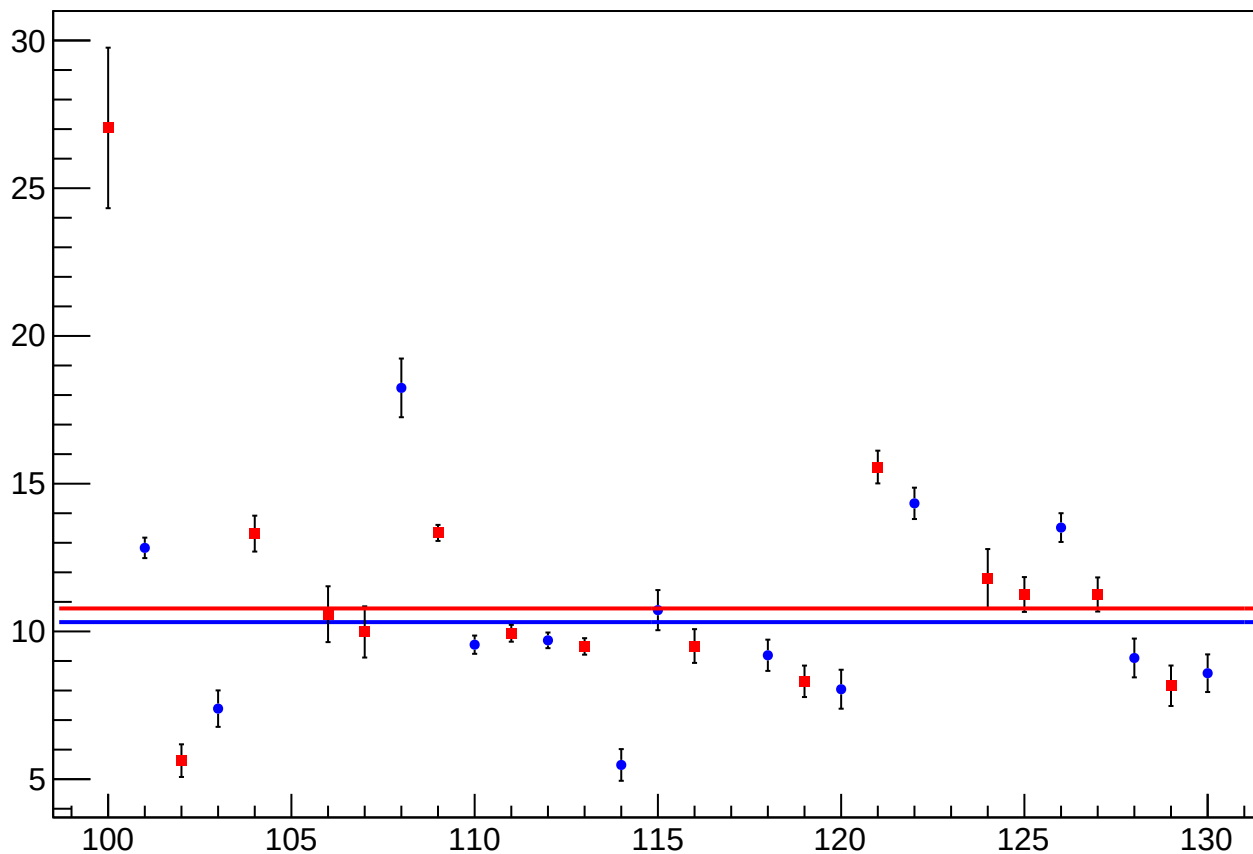
Right: 31.144+/-0.064 χ^2/NDF : 6545.4/27

In: 30.741+/-0.100 χ^2/NDF : 2318.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.144+/-0.064 χ^2/NDF : 6545.4/27

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.315 ± 0.128 χ^2/NDF : 359.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 10.778 ± 0.123 χ^2/NDF : 377.7/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

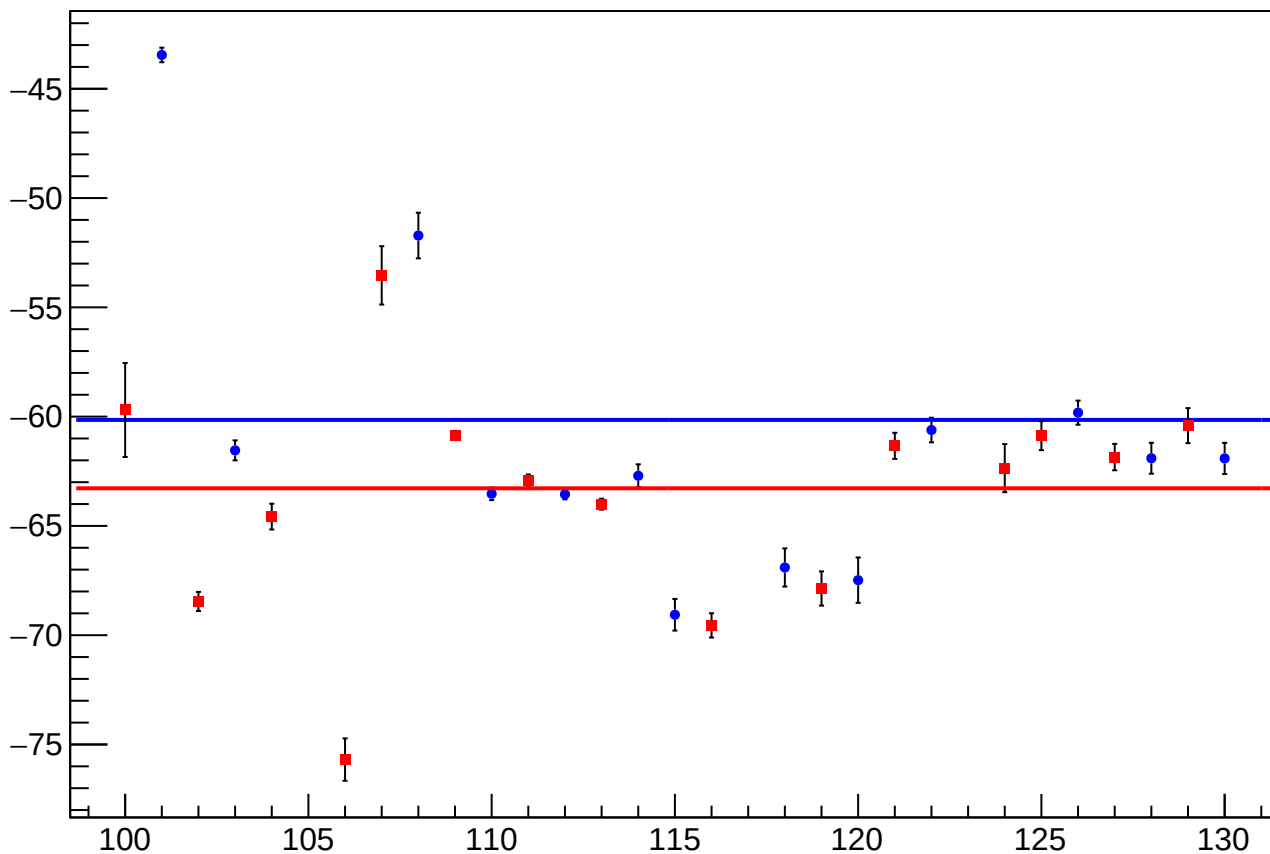
Right: 10.556 ± 0.089 χ^2/NDF : 744.1/27

In: 10.315 ± 0.128 χ^2/NDF : 359.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 10.556 ± 0.089 χ^2/NDF : 744.1/27

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -60.150 ± 0.126 χ^2/NDF : 3243.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -63.279 ± 0.114 χ^2/NDF : 705.4/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

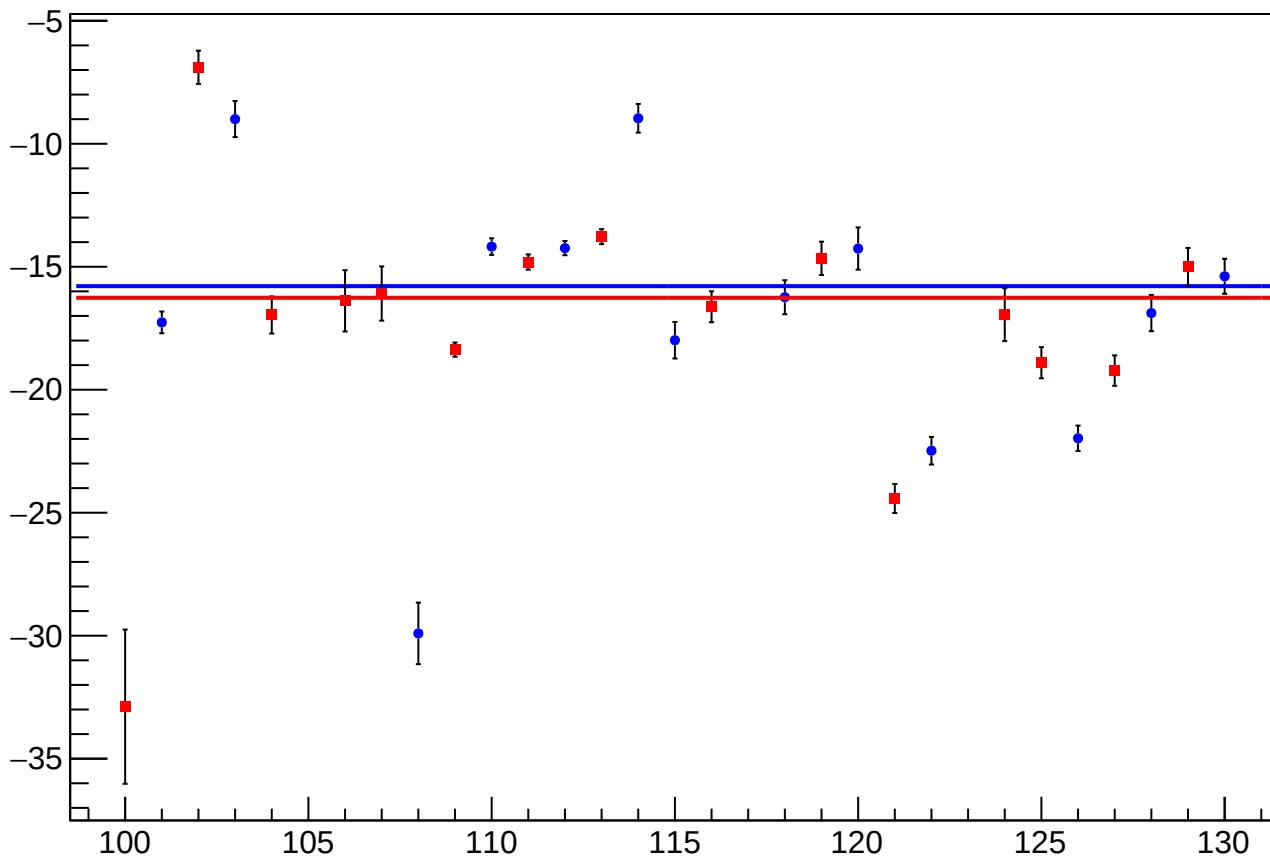
Right: -61.866 ± 0.085 χ^2/NDF : 4288.6/27

In: -60.150 ± 0.126 χ^2/NDF : 3243.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -61.866 ± 0.085 χ^2/NDF : 4288.6/27

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -15.788 ± 0.145 χ^2/NDF : 713.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -16.261 ± 0.136 χ^2/NDF : 604.2/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

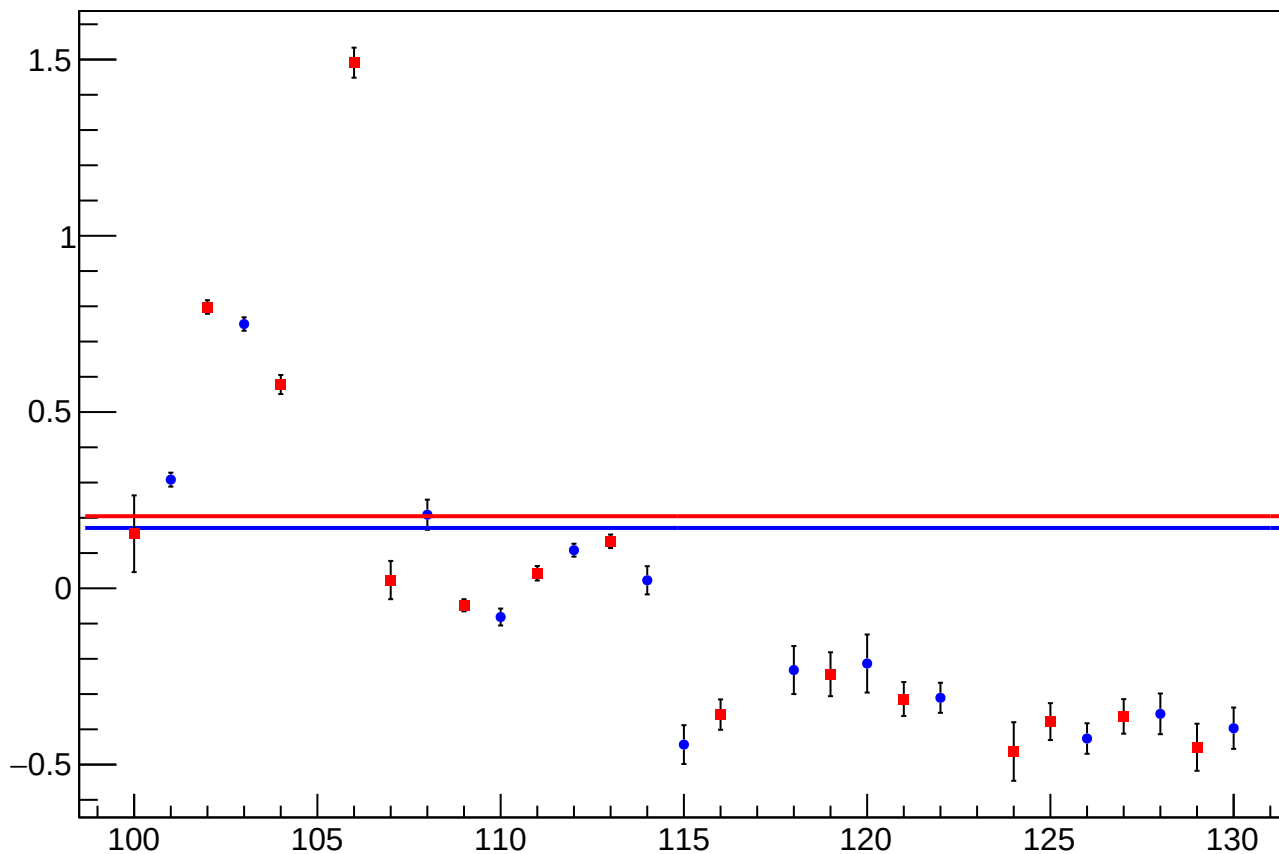
Right: -16.040 ± 0.099 χ^2/NDF : 1323.3/27

In: -15.788 ± 0.145 χ^2/NDF : 713.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.040 ± 0.099 χ^2/NDF : 1323.3/27

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.171+/-0.009 χ^2/NDF : 1789.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.205+/-0.008 χ^2/NDF : 3118.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

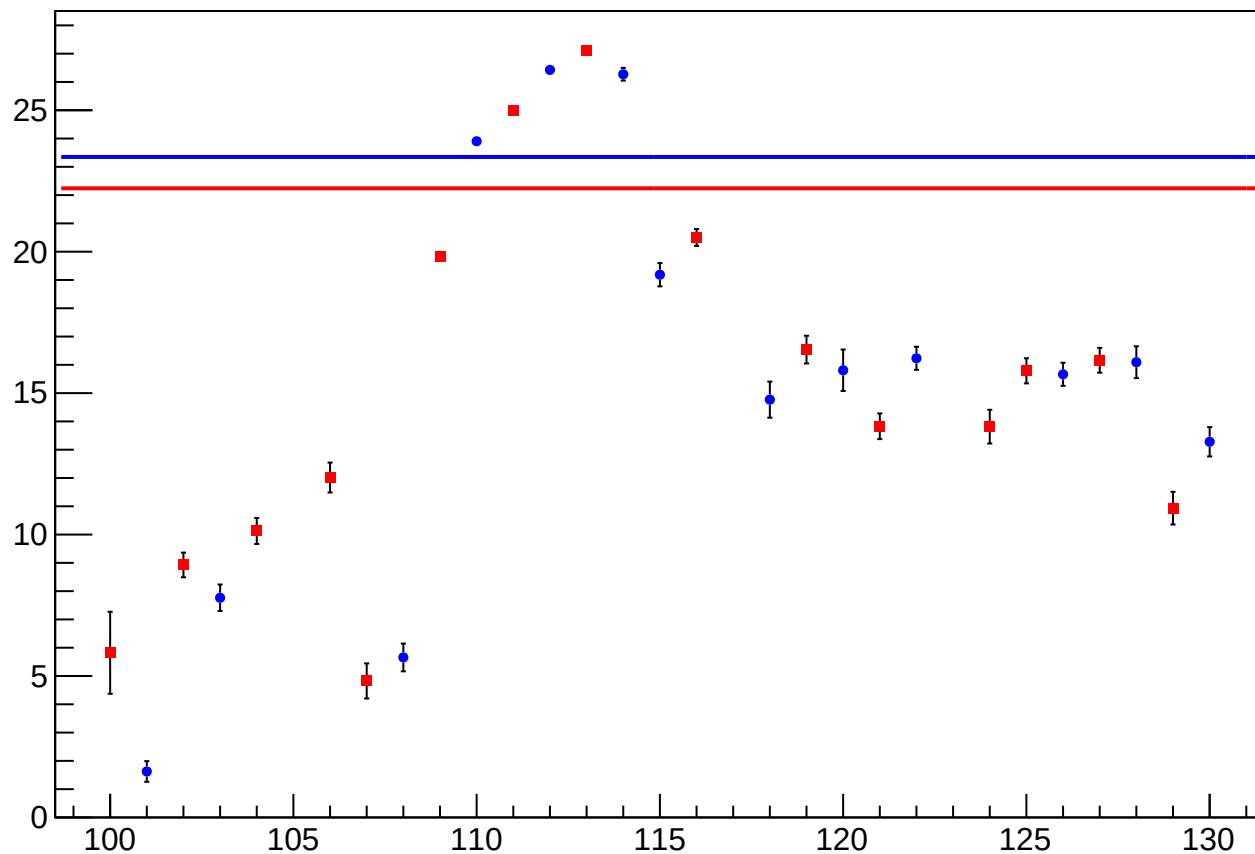
Right: 0.189+/-0.006 χ^2/NDF : 4915.4/27

In: 0.171+/-0.009 χ^2/NDF :1789.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.189+/-0.006 χ^2/NDF : 4915.4/27

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 23.348+/-0.059 χ^2 /NDF: 8973.0/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 22.240+/-0.047 χ^2 /NDF: 8747.9/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

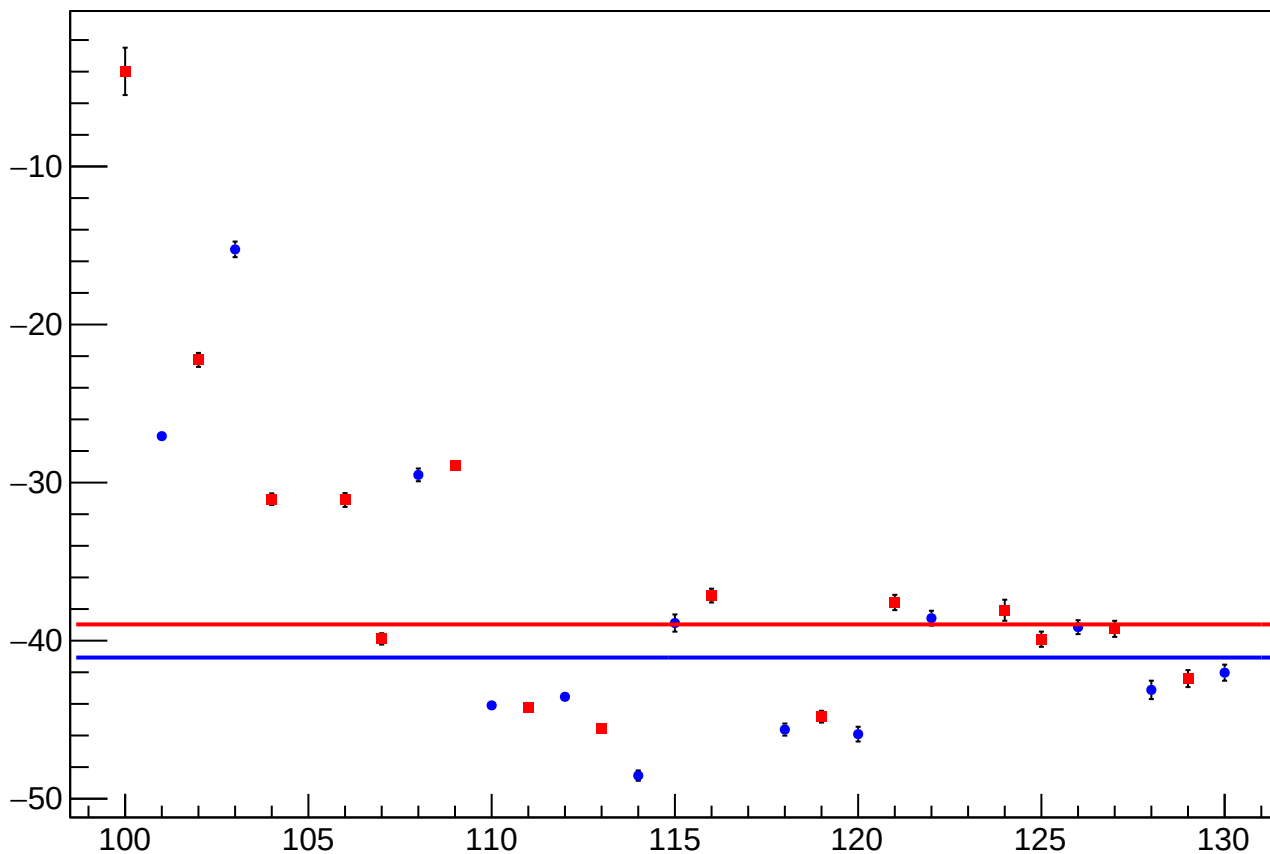
Right: 22.671+/-0.037 χ^2 /NDF: 17935.5/27

In: 23.348+/-0.059 χ^2 /NDF:8973.0/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 22.671+/-0.037 χ^2 /NDF: 17935.5/27

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -41.069+/-0.083 χ^2/NDF : 7234.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.972+/-0.075 χ^2/NDF : 9728.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

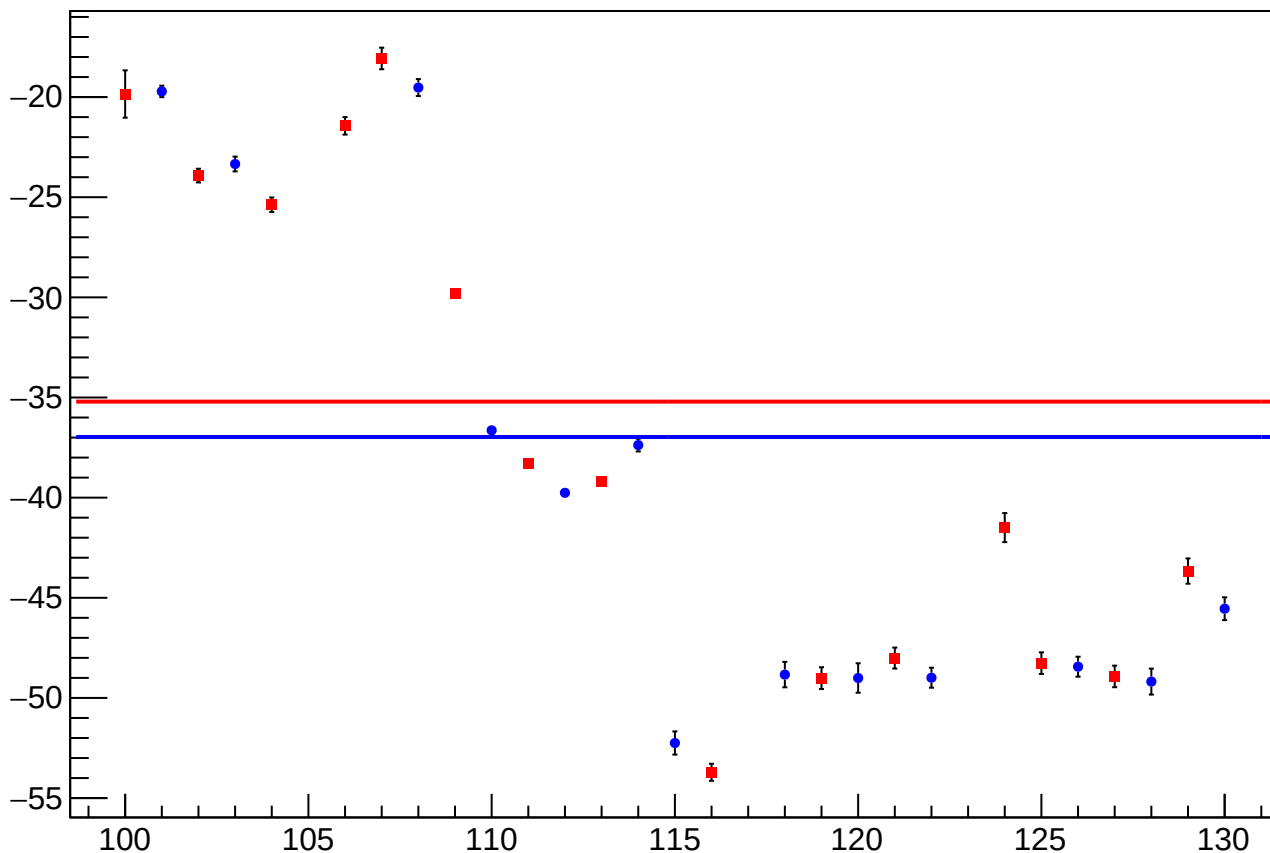
Right: -39.914+/-0.055 χ^2/NDF : 17318.8/27

In: -41.069+/-0.083 χ^2/NDF : 7234.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.914+/-0.055 χ^2/NDF : 17318.8/27

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -36.973 ± 0.079 χ^2/NDF : 10193.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -35.206 ± 0.066 χ^2/NDF : 12021.4/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

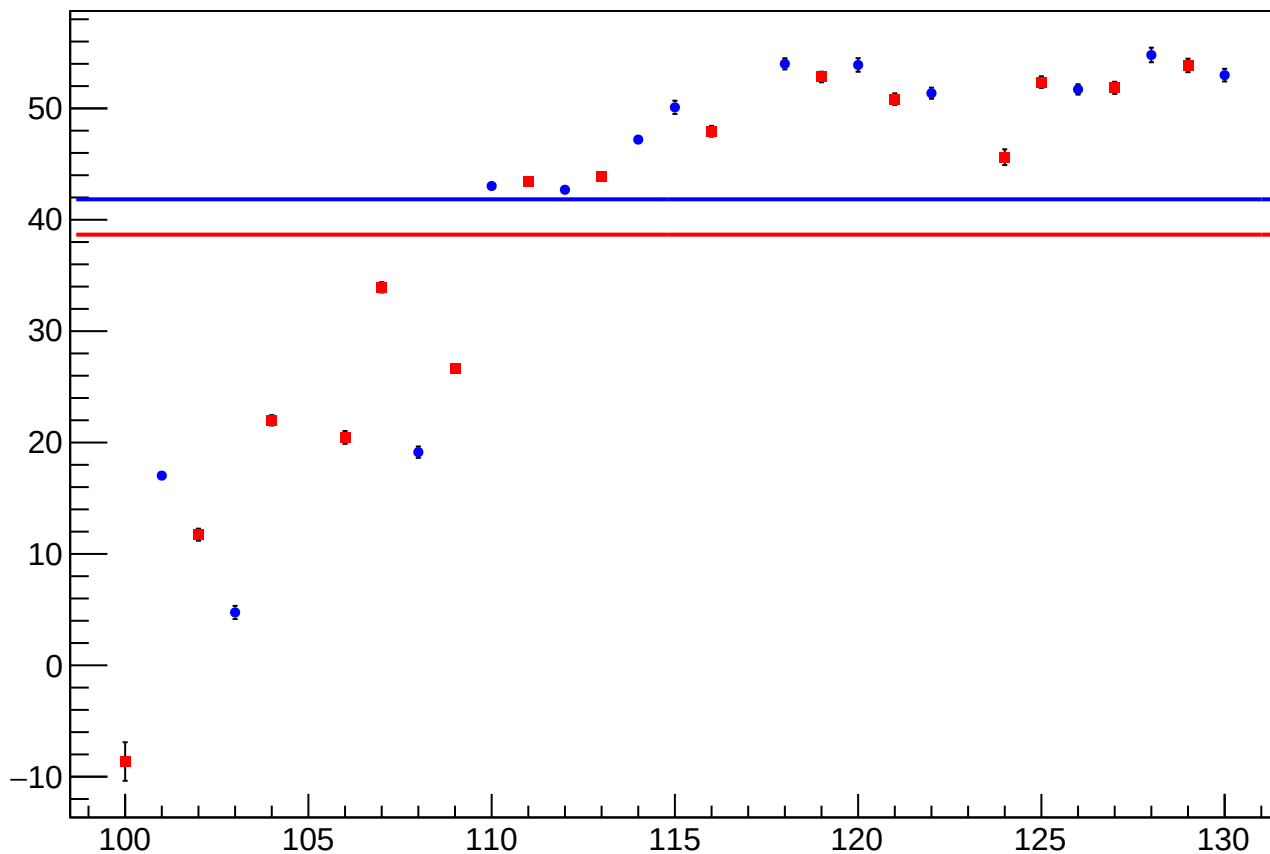
Right: -35.939 ± 0.051 χ^2/NDF : 22507.8/27

In: -36.973 ± 0.079 χ^2/NDF : 10193.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.939 ± 0.051 χ^2/NDF : 22507.8/27

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.836+/-0.093 χ^2/NDF : 13287.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.665+/-0.082 χ^2/NDF : 16180.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

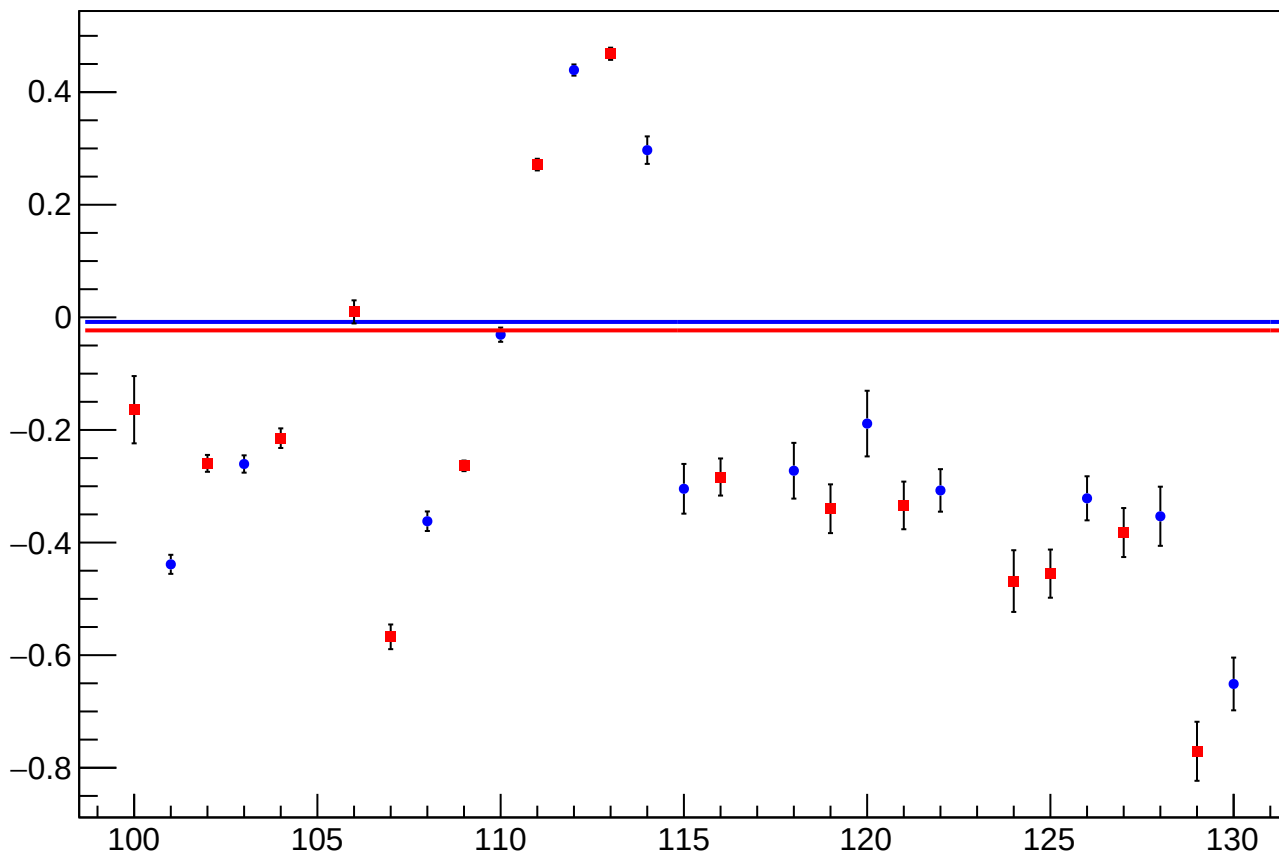
Right: 40.061+/-0.062 χ^2/NDF : 30121.9/27

In: 41.836+/-0.093 χ^2/NDF : 13287.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.061+/-0.062 χ^2/NDF : 30121.9/27

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.008+/-0.006 χ^2/NDF : 3956.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.023+/-0.005 χ^2/NDF : 5125.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

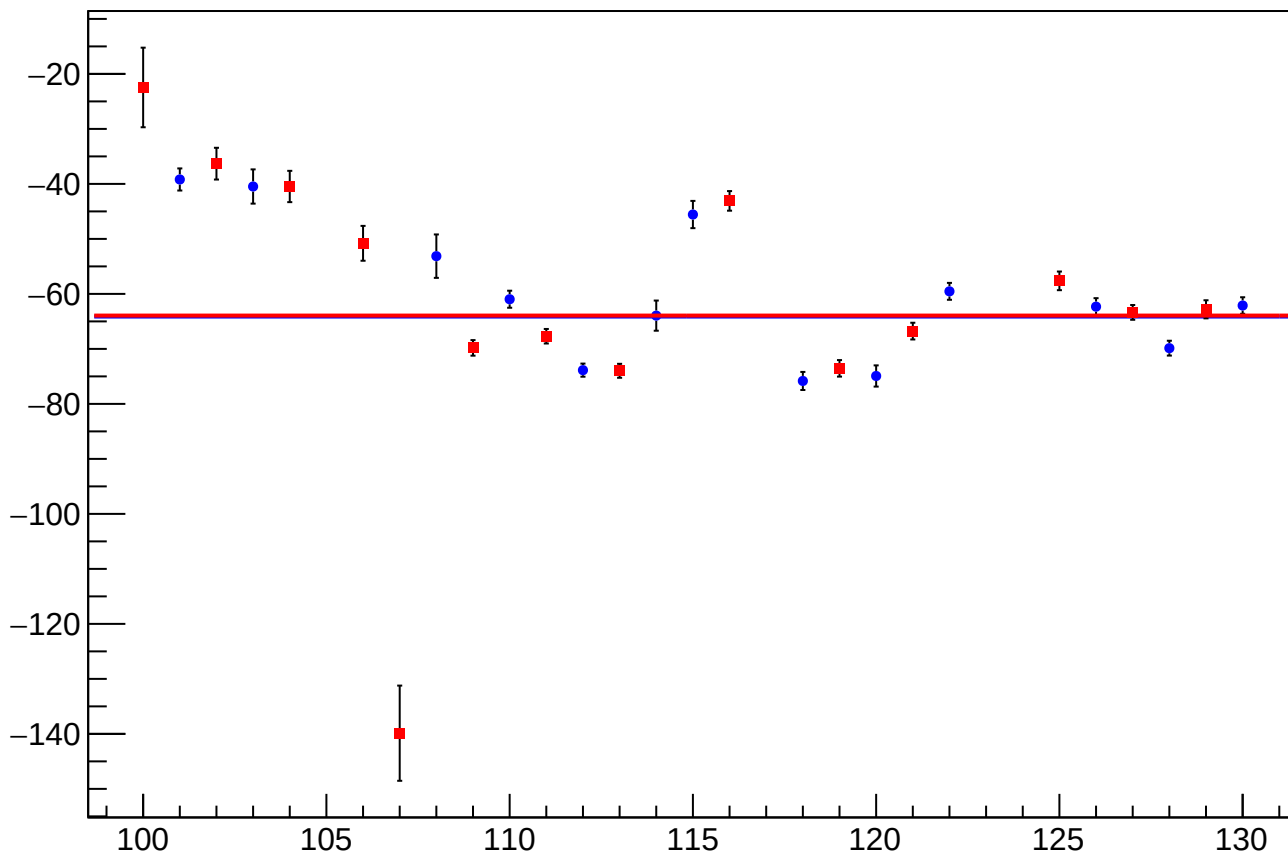
Right: -0.017+/-0.004 χ^2/NDF : 9085.9/27

In: -0.008+/-0.006 χ^2/NDF :3956.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.017+/-0.004 χ^2/NDF : 9085.9/27

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -64.117+/-0.482 χ^2/NDF : 458.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -63.942+/-0.470 χ^2/NDF : 570.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

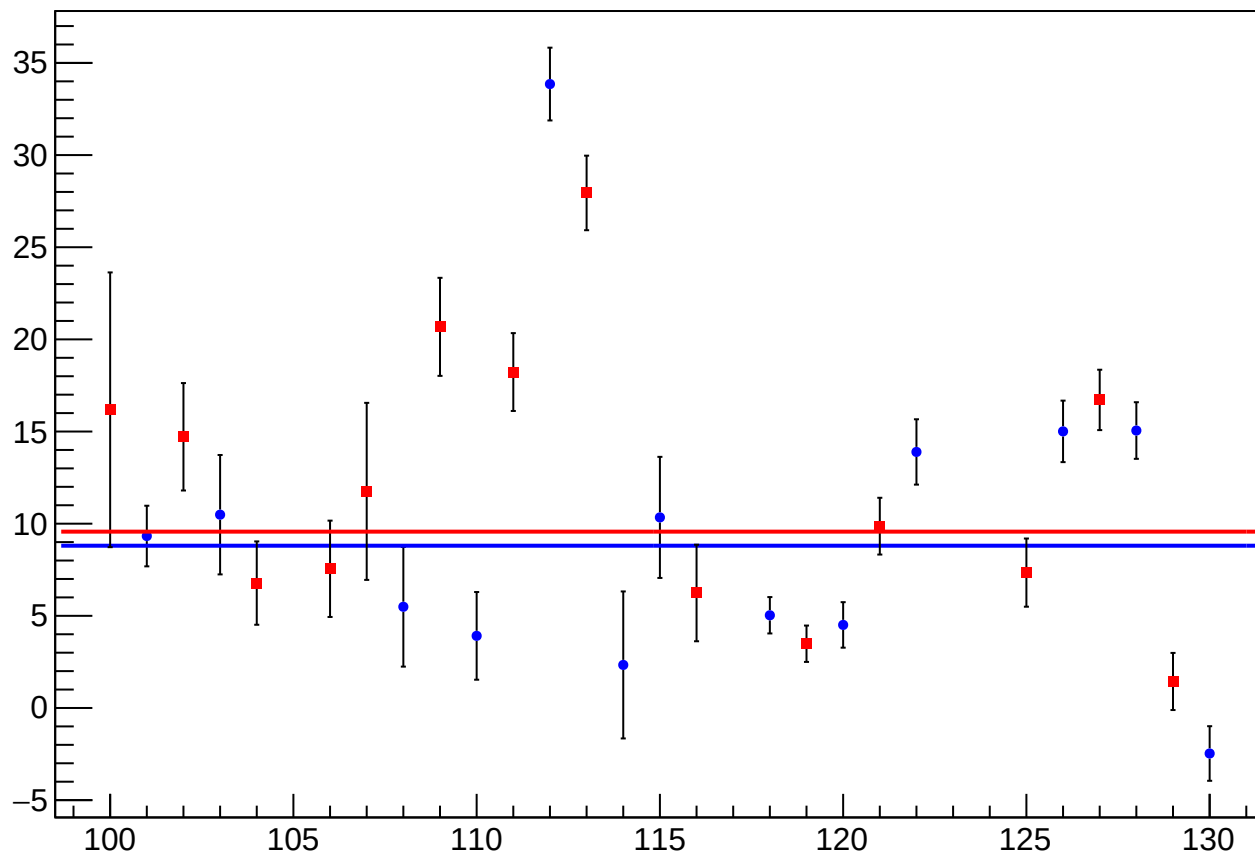
Right: -64.027+/-0.336 χ^2/NDF : 1029.0/26

In: -64.117+/-0.482 χ^2/NDF : 458.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -64.027+/-0.336 χ^2/NDF : 1029.0/26

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.805+/-0.477 χ^2/NDF : 292.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.568+/-0.512 χ^2/NDF : 210.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

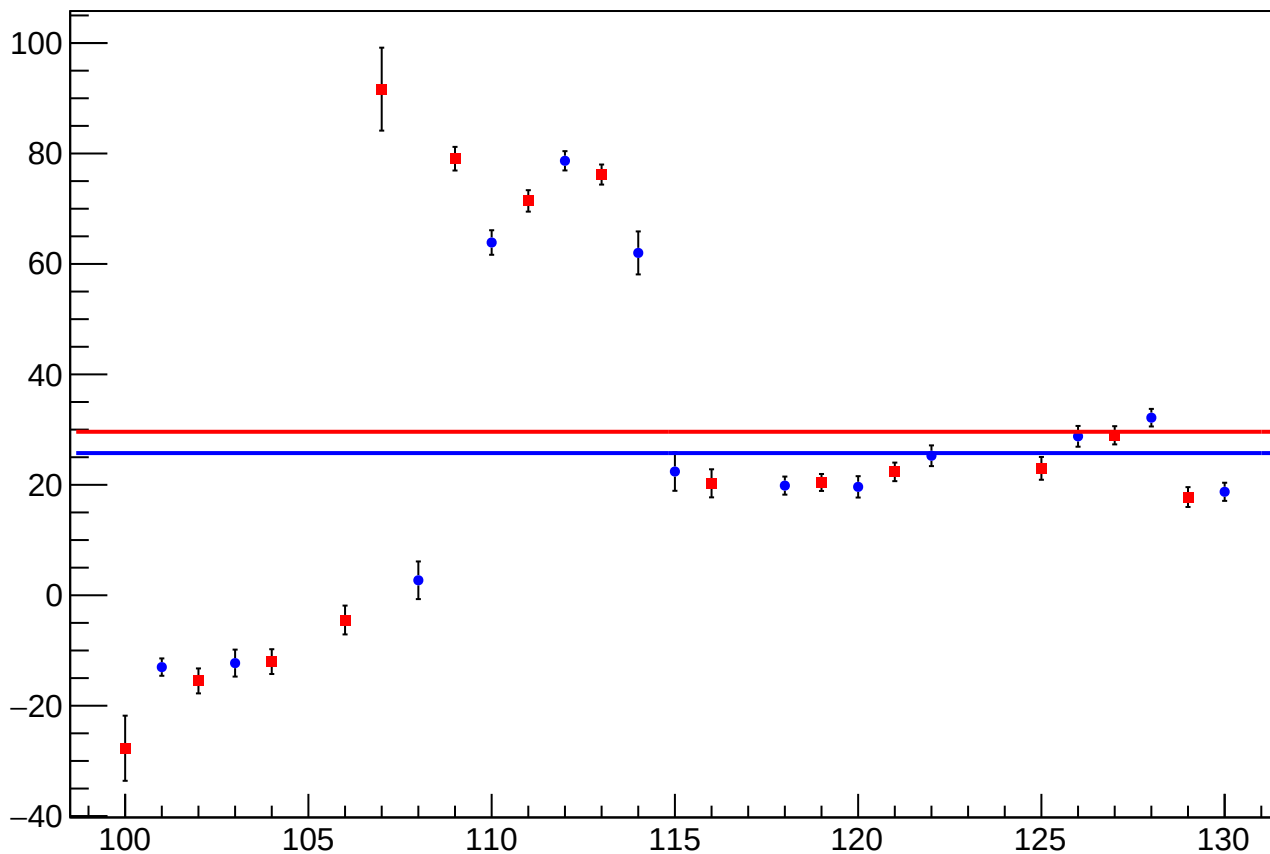
Right: 9.159+/-0.349 χ^2/NDF : 504.6/26

In: 8.805+/-0.477 χ^2/NDF : 292.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.159+/-0.349 χ^2/NDF : 504.6/26

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 25.748+/-0.550 χ^2/NDF : 2256.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.609+/-0.557 χ^2/NDF : 2851.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

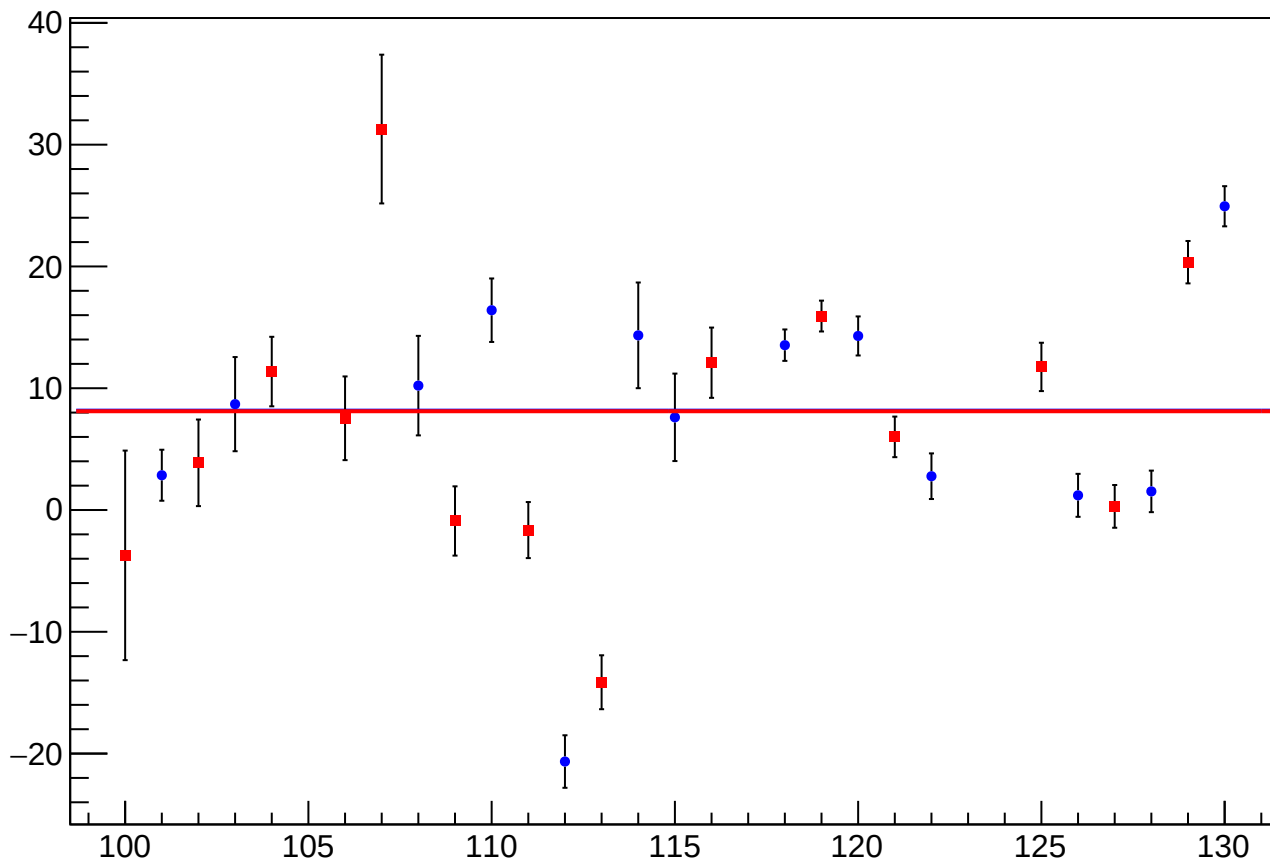
Right: 27.652+/-0.391 χ^2/NDF : 5132.1/26

In: 25.748+/-0.550 χ^2/NDF : 2256.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.652+/-0.391 χ^2/NDF : 5132.1/26

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.158+/-0.563 χ^2/NDF : 371.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.111+/-0.592 χ^2/NDF : 262.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

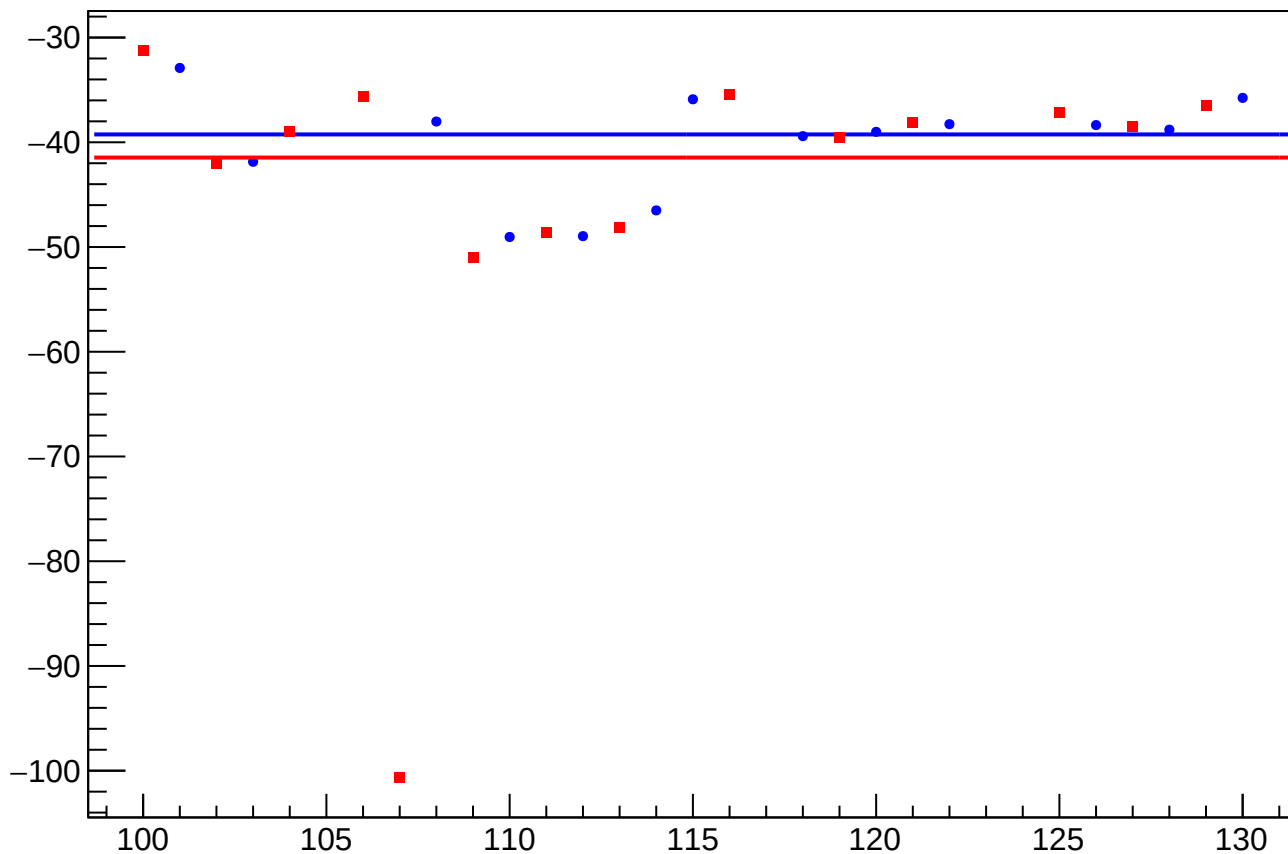
Right: 8.136+/-0.408 χ^2/NDF : 634.1/26

In: 8.158+/-0.563 χ^2/NDF : 371.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.136+/-0.408 χ^2/NDF : 634.1/26

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.249+/-0.038 χ^2/NDF : 14707.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -41.458+/-0.038 χ^2/NDF : 53870.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

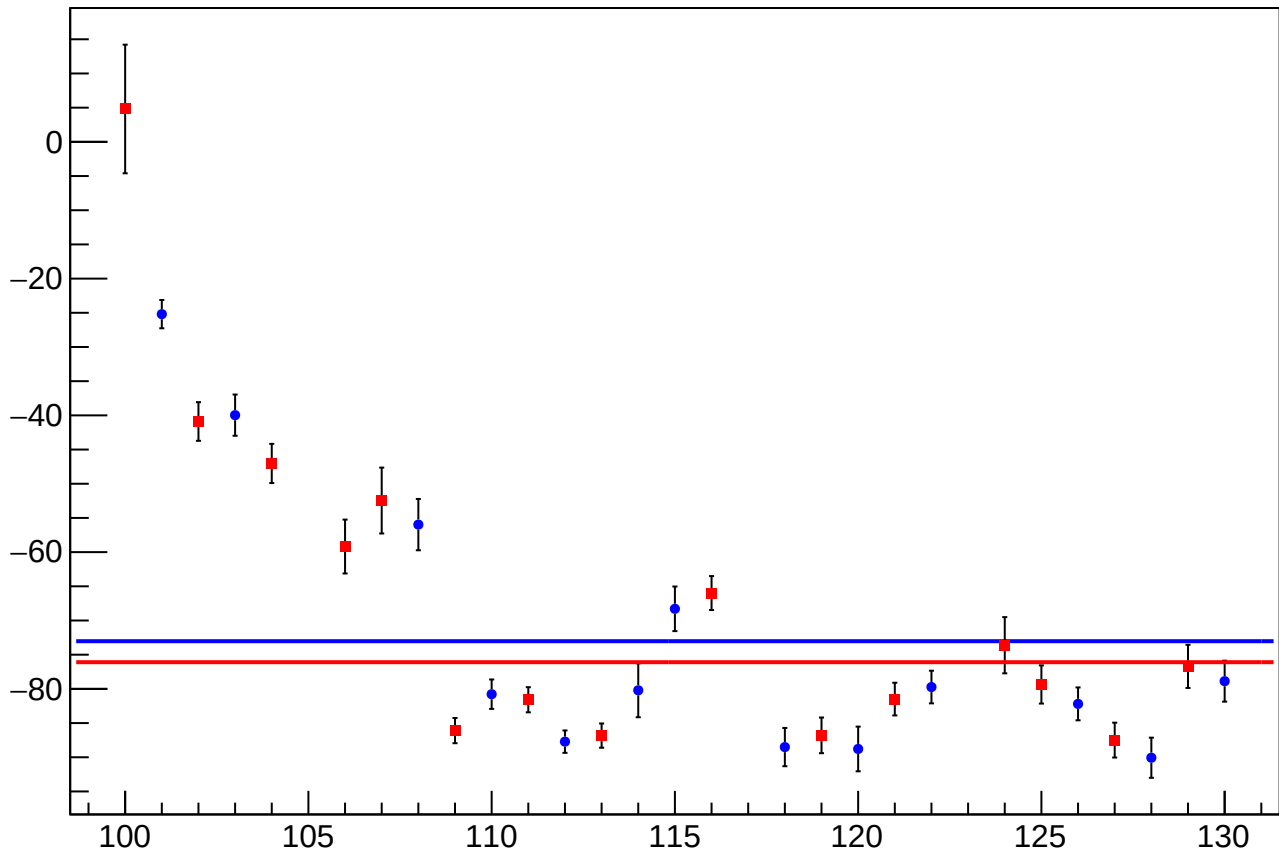
Right: -40.364+/-0.027 χ^2/NDF : 70255.6/26

In: -39.249+/-0.038 χ^2/NDF : 14707.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.364+/-0.027 χ^2/NDF : 70255.6/26

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -73.027 $\pm$ 0.714 χ^2 /NDF: 887.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -76.097 $\pm$ 0.674 χ^2 /NDF: 509.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

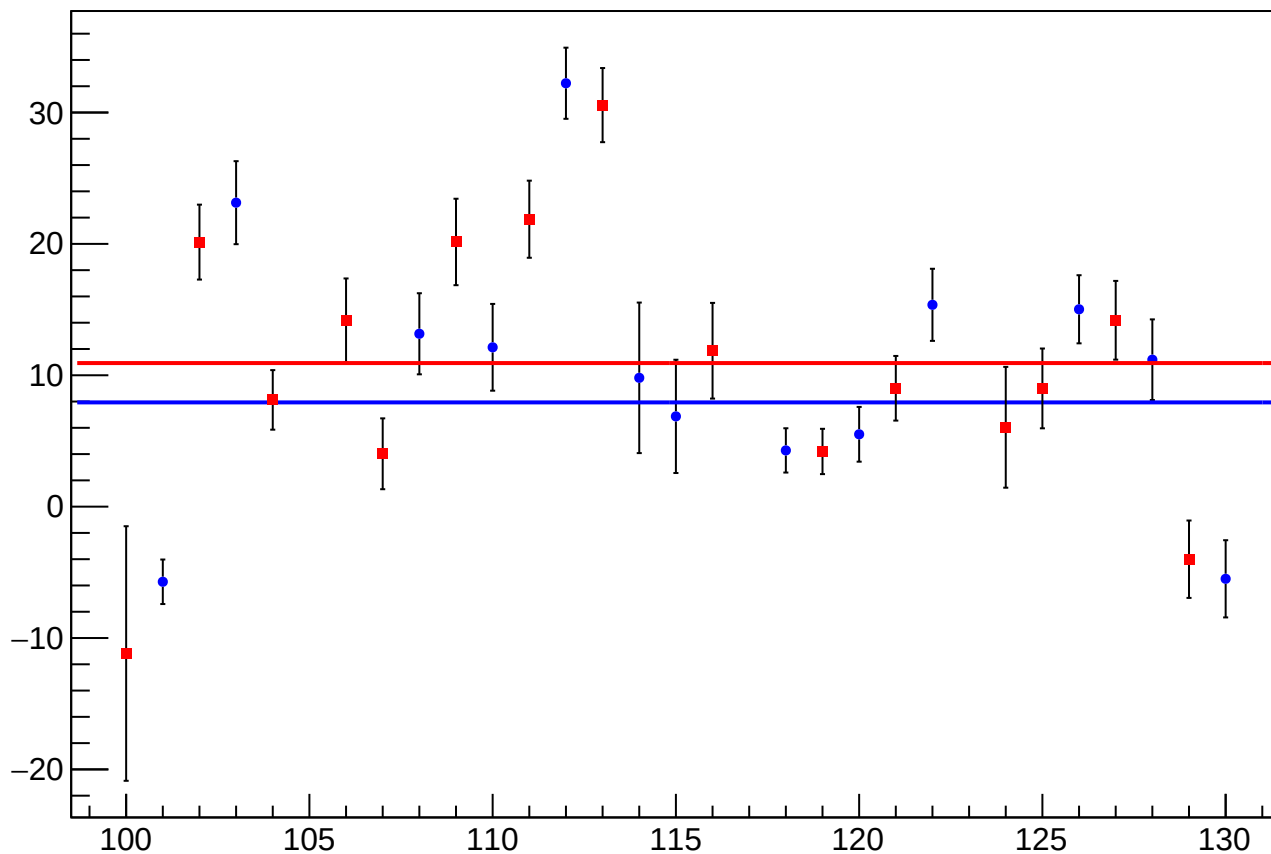
Right: -74.651 $\pm$ 0.490 χ^2 /NDF: 1407.2/27

In: -73.027 $\pm$ 0.714 χ^2 /NDF:887.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -74.651 $\pm$ 0.490 χ^2 /NDF: 1407.2/27

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.935+/-0.716 χ^2/NDF : 216.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.929+/-0.734 χ^2/NDF : 139.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

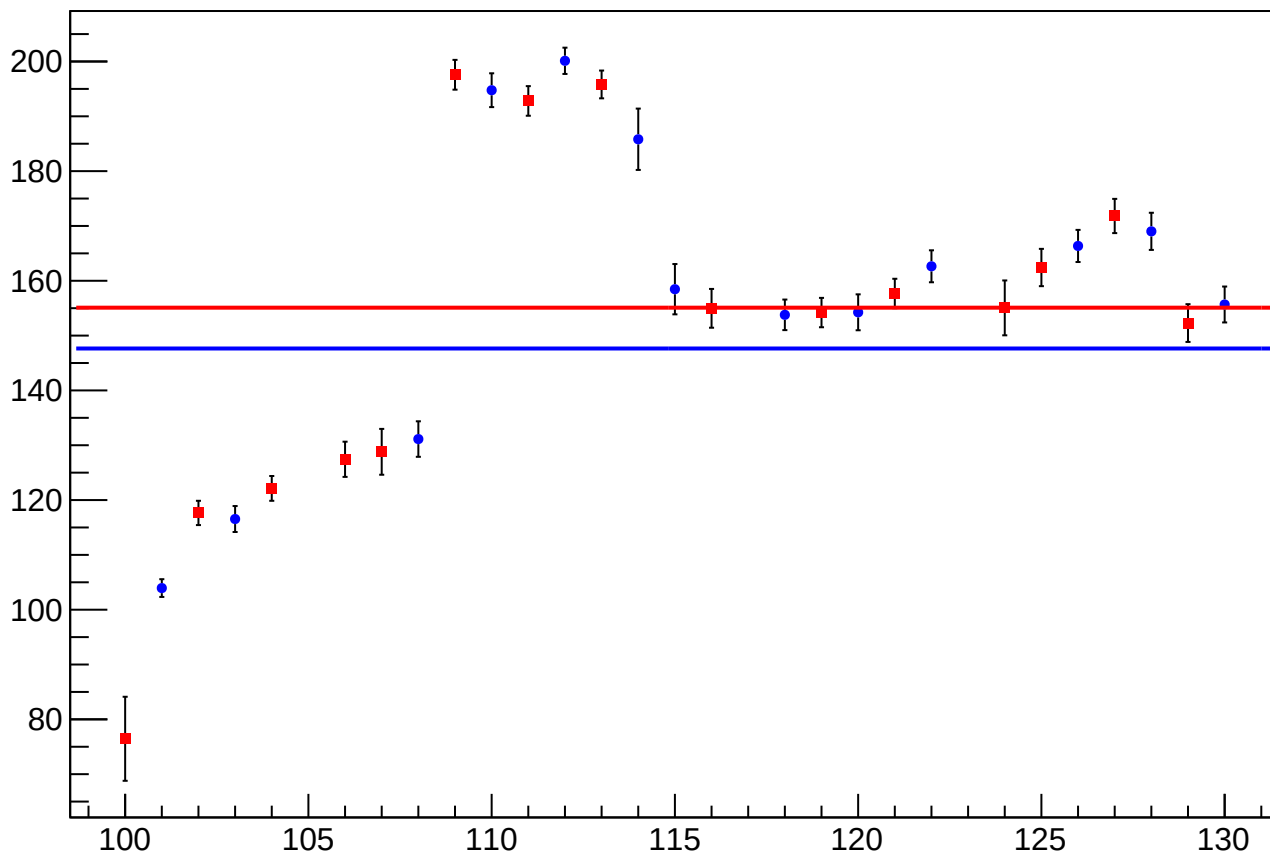
Right: 9.395+/-0.512 χ^2/NDF : 363.9/27

In: 7.935+/-0.716 χ^2/NDF : 216.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.395+/-0.512 χ^2/NDF : 363.9/27

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 147.646 $\pm$ 0.779 χ^2 /NDF: 1813.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 155.093 $\pm$ 0.774 χ^2 /NDF: 1449.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

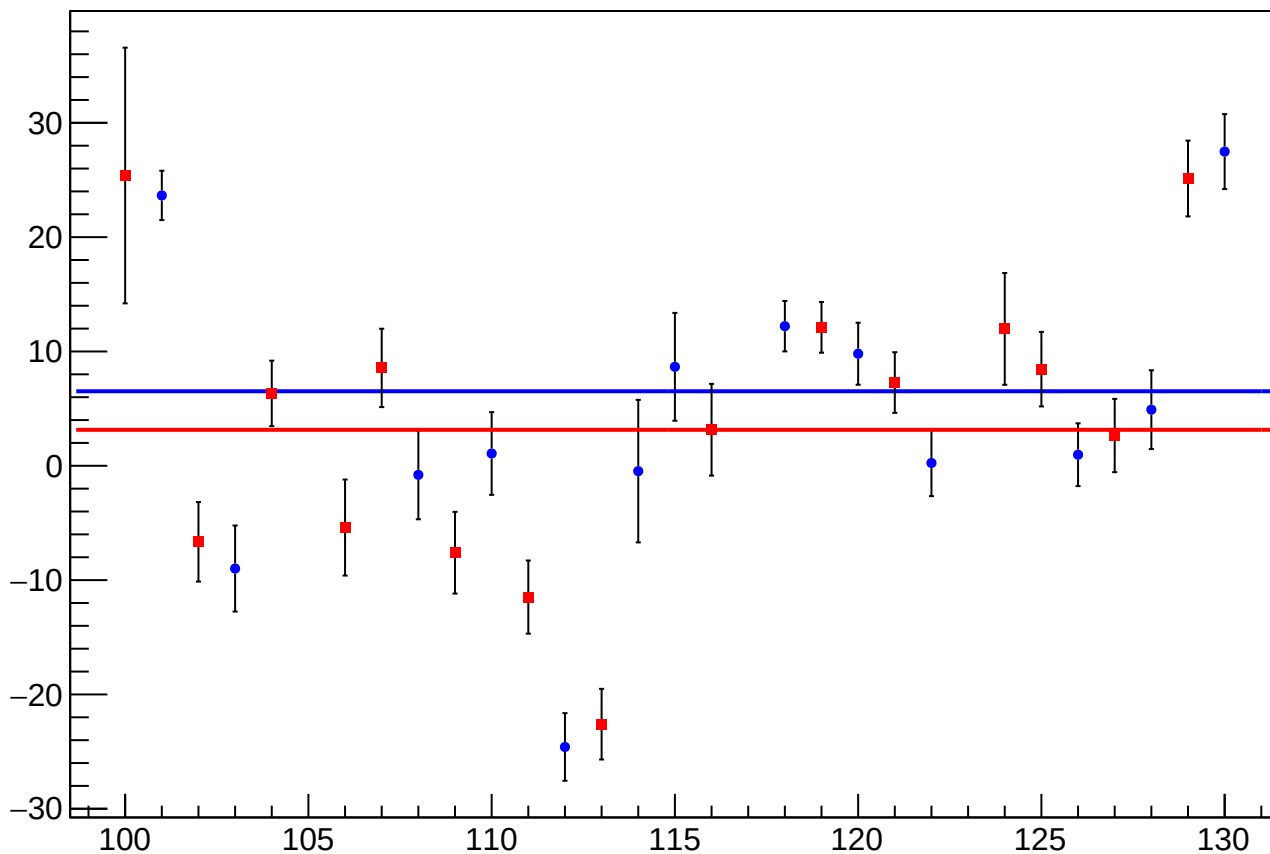
Right: 151.393 $\pm$ 0.549 χ^2 /NDF: 3309.3/27

In: 147.646 $\pm$ 0.779 χ^2 /NDF:1813.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 151.393 $\pm$ 0.549 χ^2 /NDF: 3309.3/27

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.519+/-0.850 χ^2/NDF : 255.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.147+/-0.855 χ^2/NDF : 187.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

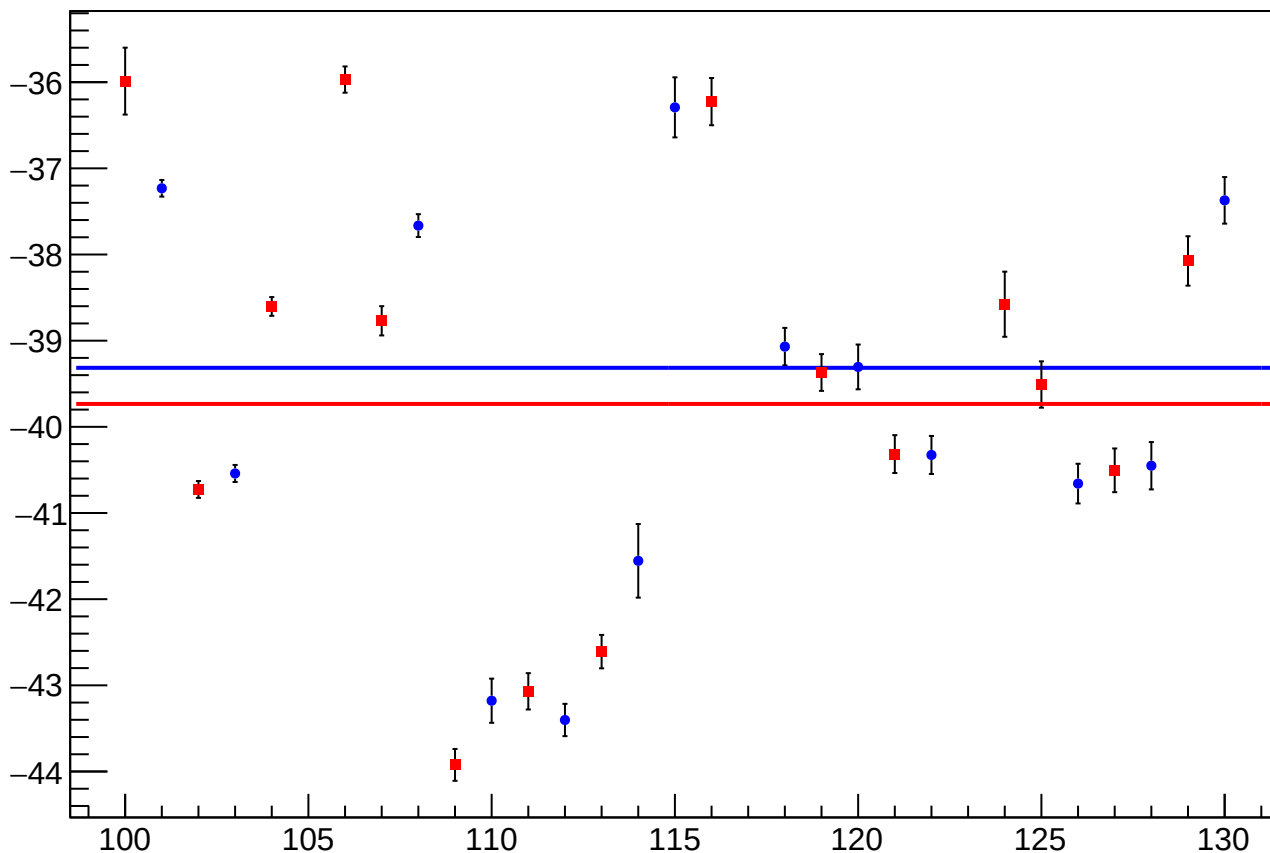
Right: 4.842+/-0.603 χ^2/NDF : 451.5/27

In: 6.519+/-0.850 χ^2/NDF : 255.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.842+/-0.603 χ^2/NDF : 451.5/27

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.315+/-0.048 χ^2/NDF : 1704.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -39.734+/-0.047 χ^2/NDF : 2158.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

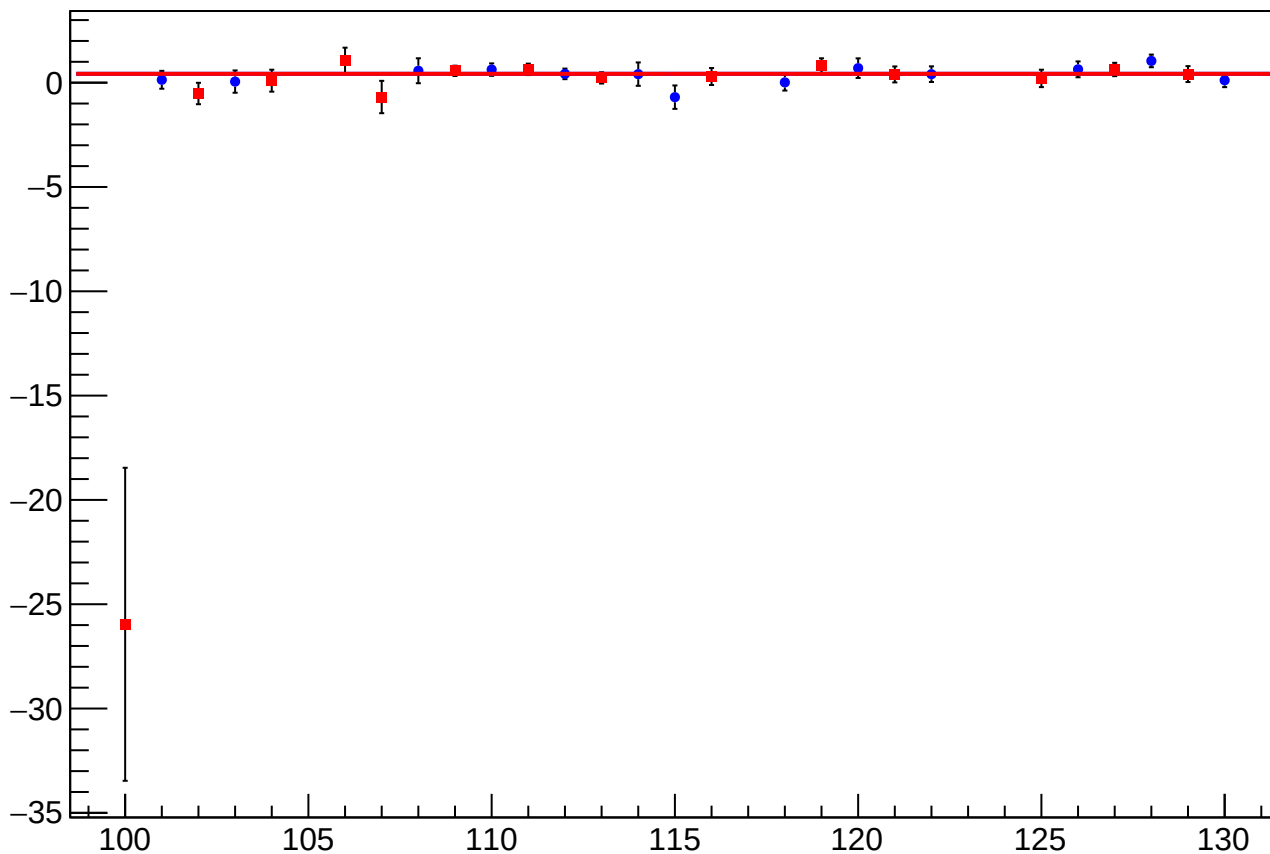
Right: -39.532+/-0.034 χ^2/NDF : 3901.4/27

In: -39.315+/-0.048 χ^2/NDF : 1704.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.532+/-0.034 χ^2/NDF : 3901.4/27

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.425+/-0.105 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.423+/-0.101 χ^2/NDF : 22.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

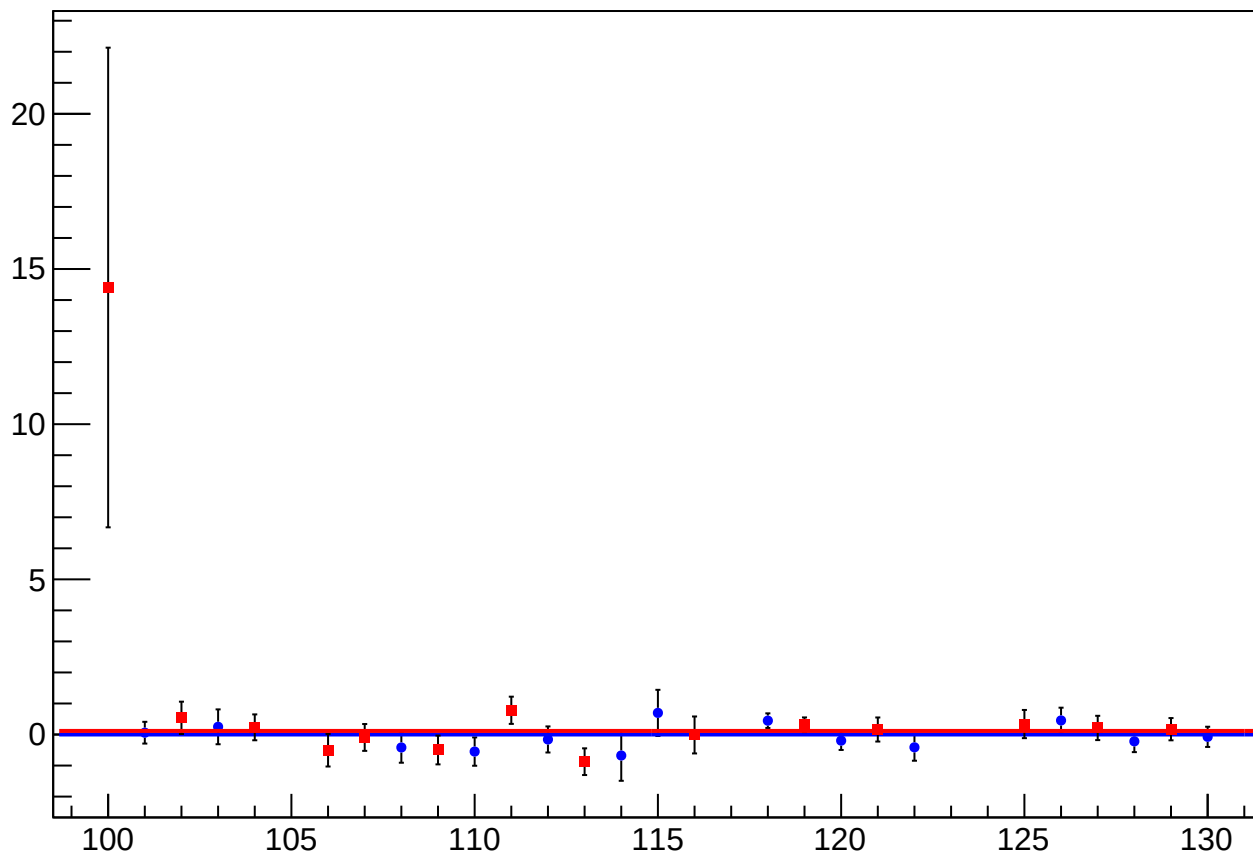
Right: 0.424+/-0.073 χ^2/NDF : 35.0/26

In: 0.425+/-0.105 χ^2/NDF : 12.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.424+/-0.073 χ^2/NDF : 35.0/26

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.001+/-0.107 χ^2/NDF : 10.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.116+/-0.112 χ^2/NDF : 16.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

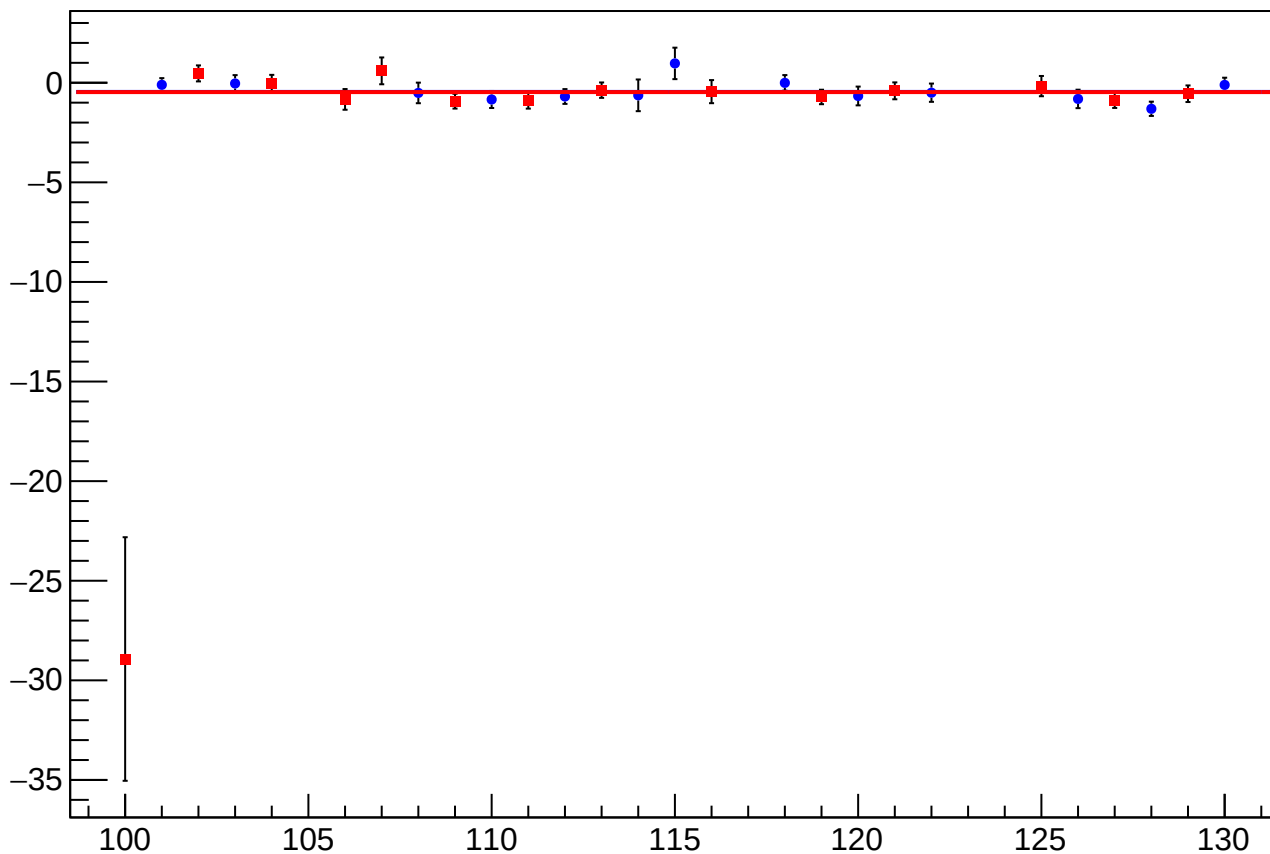
Right: 0.056+/-0.077 χ^2/NDF : 27.5/26

In: 0.001+/-0.107 χ^2/NDF : 10.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.056+/-0.077 χ^2/NDF : 27.5/26

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.461+/-0.119 χ^2 /NDF: 15.3/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.469+/-0.119 χ^2 /NDF: 35.9/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

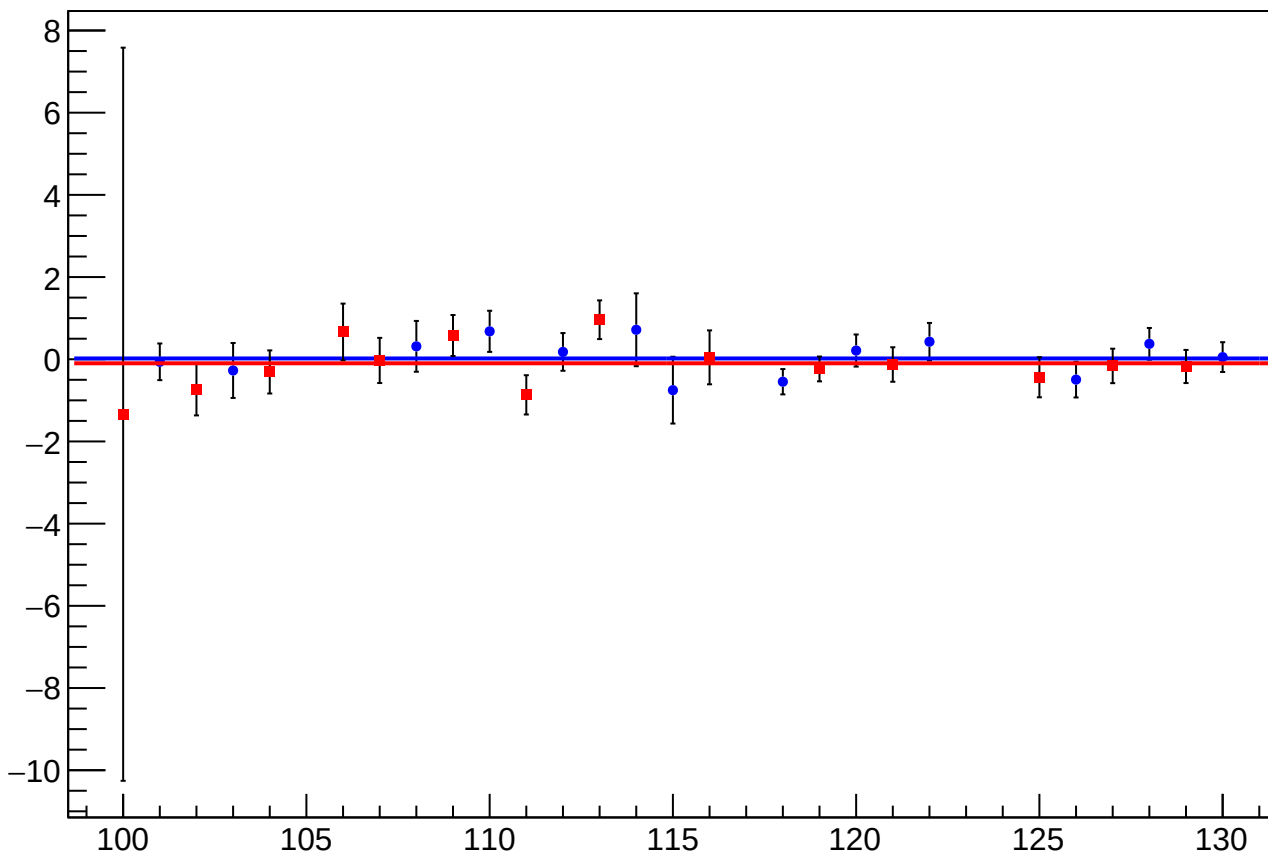
Right: -0.465+/-0.084 χ^2 /NDF: 51.3/26

In: -0.461+/-0.119 χ^2 /NDF:15.3/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.465+/-0.084 χ^2 /NDF: 51.3/26

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.019+/-0.126 χ^2/NDF : 10.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.098+/-0.130 χ^2/NDF : 12.7/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

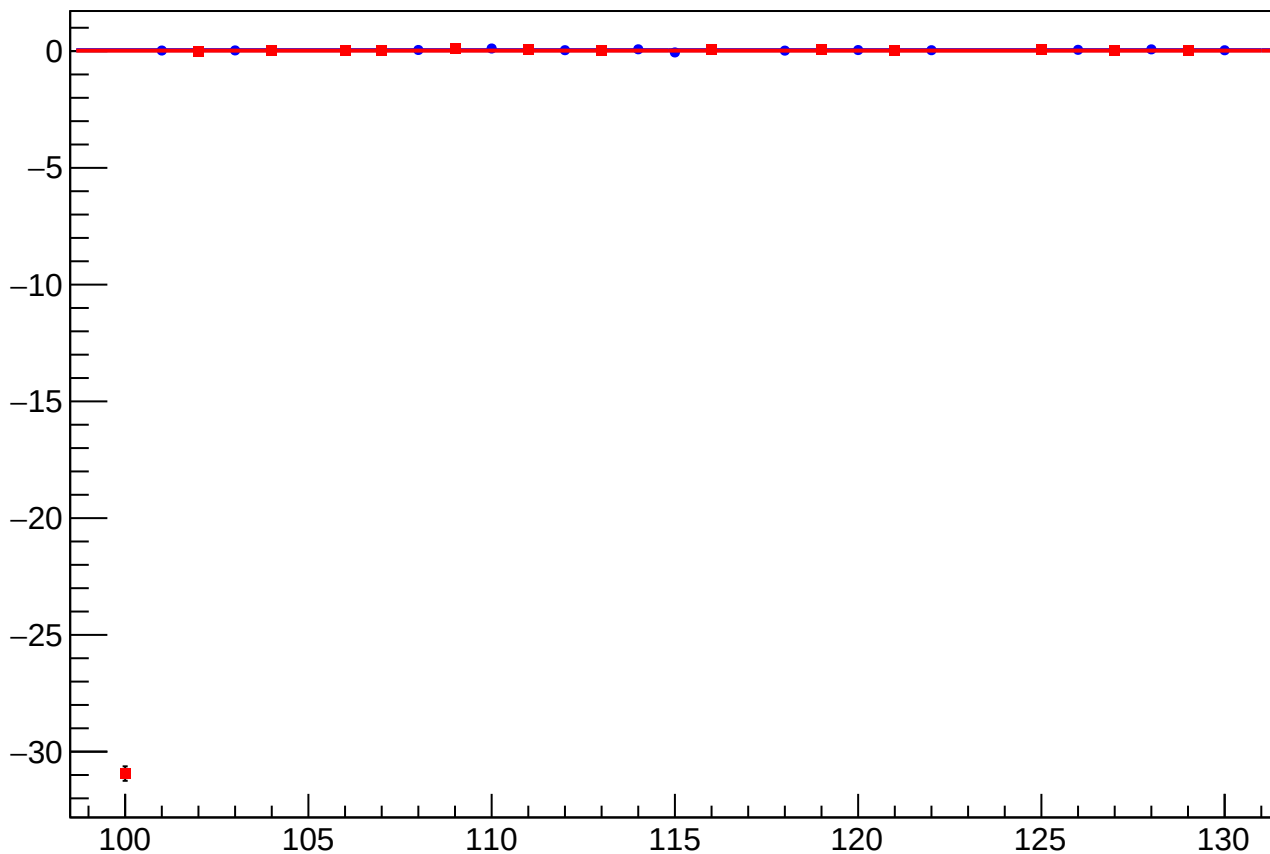
Right: -0.038+/-0.090 χ^2/NDF : 23.6/26

In: 0.019+/-0.126 χ^2/NDF :10.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.038+/-0.090 χ^2/NDF : 23.6/26

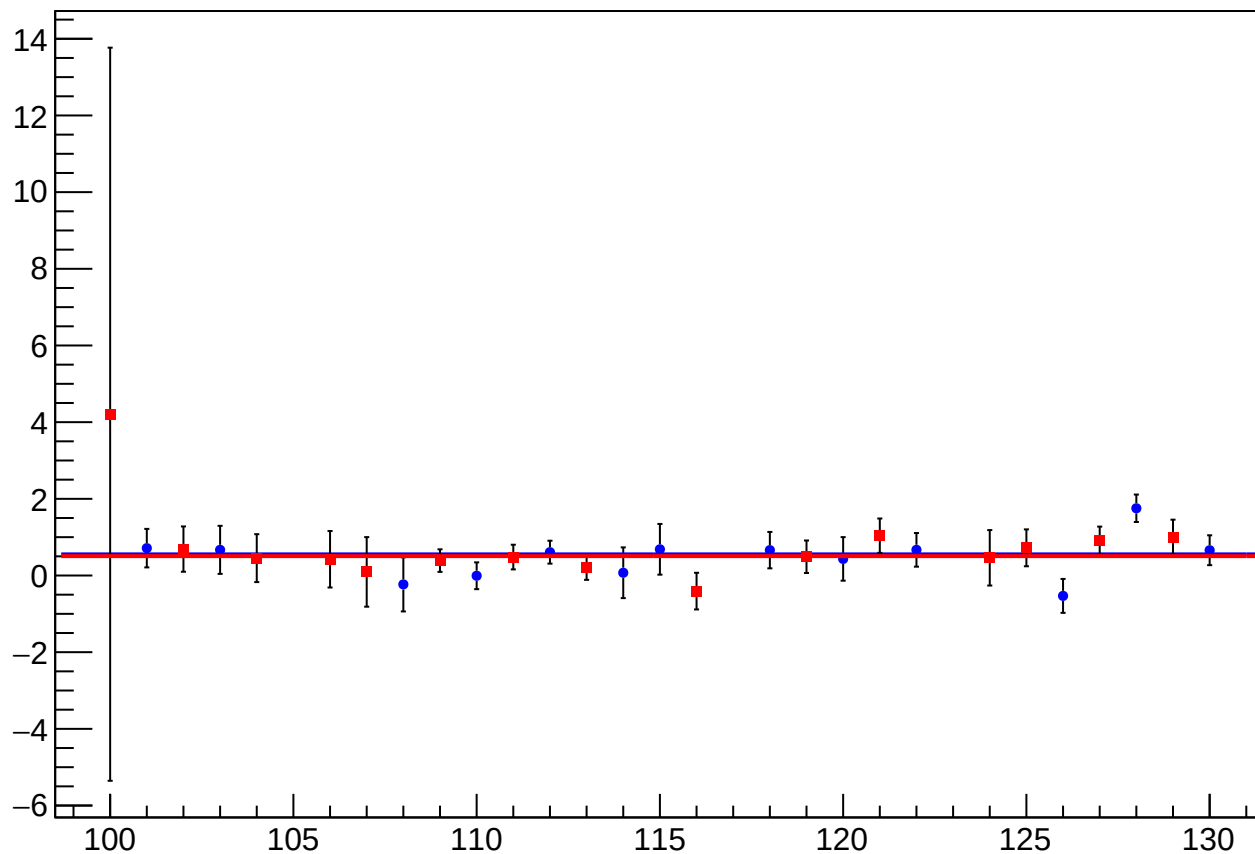
reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.041+/-0.008 χ^2/NDF : 10.1/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.021+/-0.008 χ^2/NDF : 10010.2/13
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.031+/-0.005 χ^2/NDF : 10023.8/26
 In: 0.041+/-0.008 χ^2/NDF : 10.1/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.031+/-0.005 χ^2/NDF : 10023.8/26

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.550+/-0.124 χ^2/NDF : 22.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.505+/-0.117 χ^2/NDF : 9.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

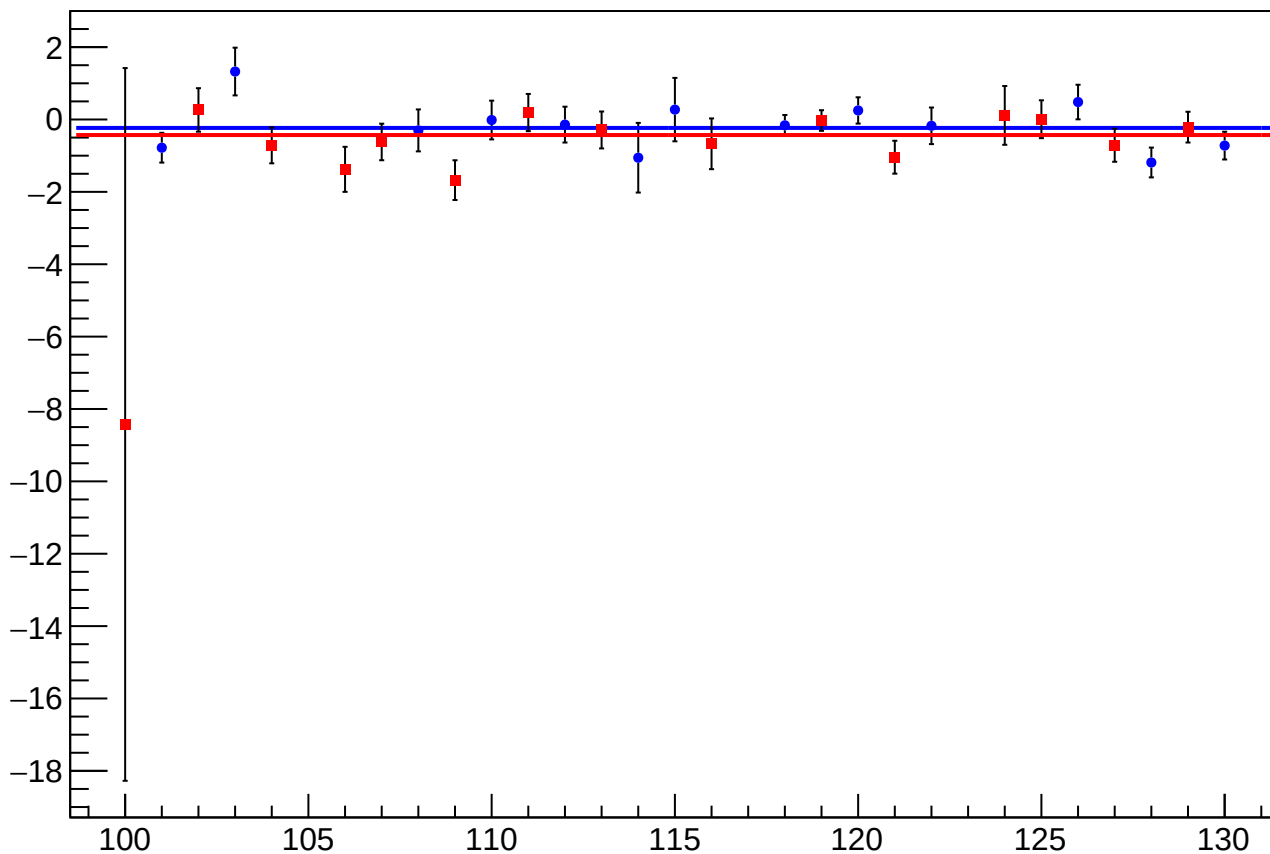
Right: 0.527+/-0.085 χ^2/NDF : 31.2/27

In: 0.550+/-0.124 χ^2/NDF : 22.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.527+/-0.085 χ^2/NDF : 31.2/27

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.233 ± 0.127 $\chi^2/\text{NDF}: 19.7/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.430 ± 0.130 $\chi^2/\text{NDF}: 17.2/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

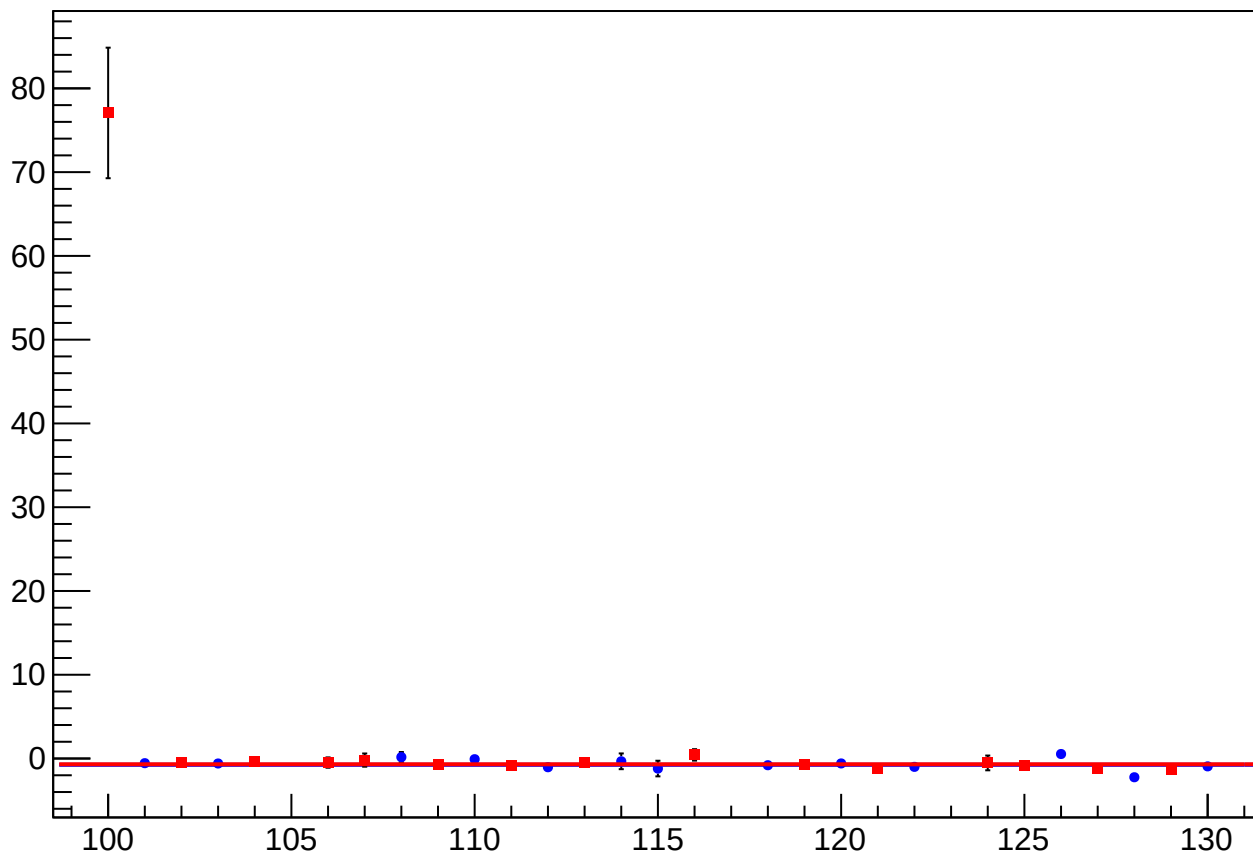
Right: -0.329 ± 0.091 $\chi^2/\text{NDF}: 38.1/27$

In: -0.233 ± 0.127 $\chi^2/\text{NDF}: 19.7/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.329 ± 0.091 $\chi^2/\text{NDF}: 38.1/27$

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.750+/-0.141 χ^2/NDF : 23.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.689+/-0.139 χ^2/NDF : 108.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

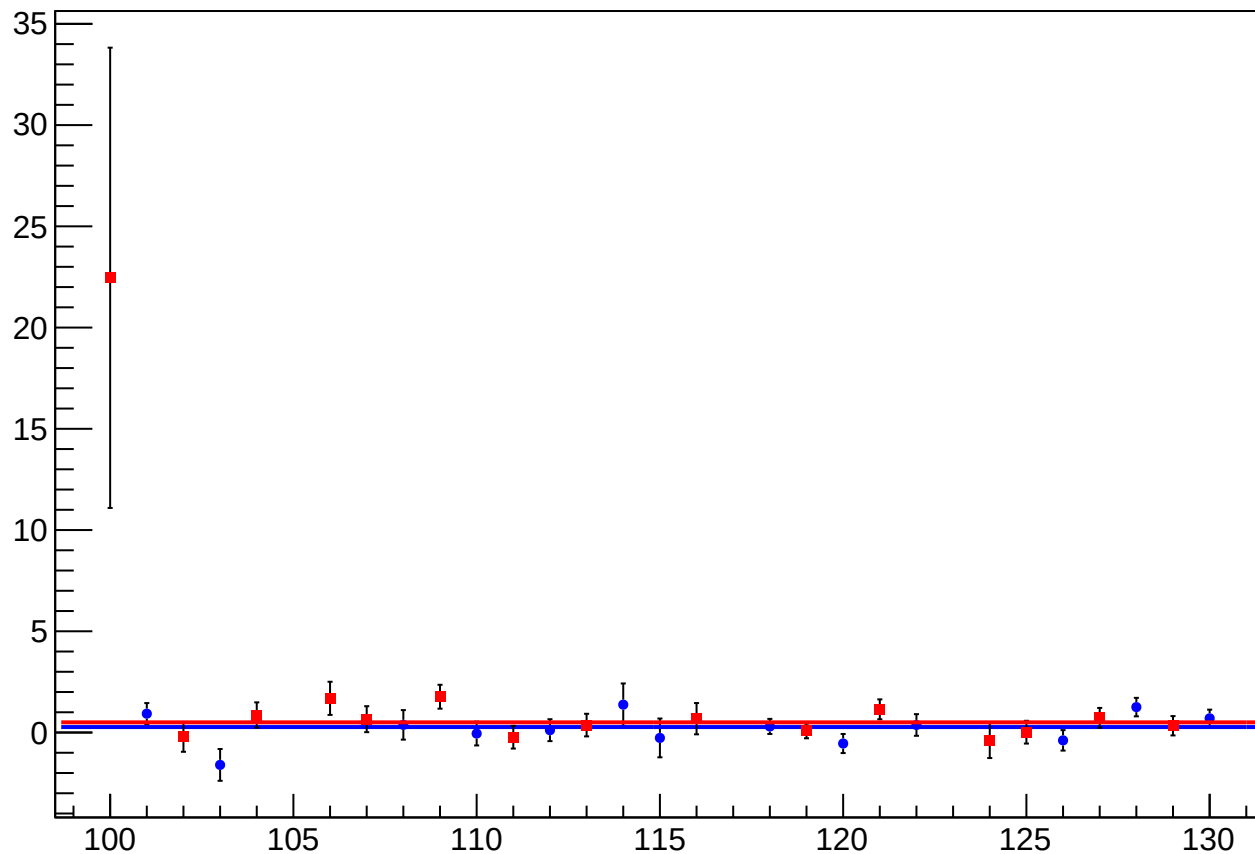
Right: -0.719+/-0.099 χ^2/NDF : 131.9/27

In: -0.750+/-0.141 χ^2/NDF : 23.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.719+/-0.099 χ^2/NDF : 131.9/27

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.269 $\pm$ 0.149 χ^2 /NDF: 19.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.502 $\pm$ 0.151 χ^2 /NDF: 18.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

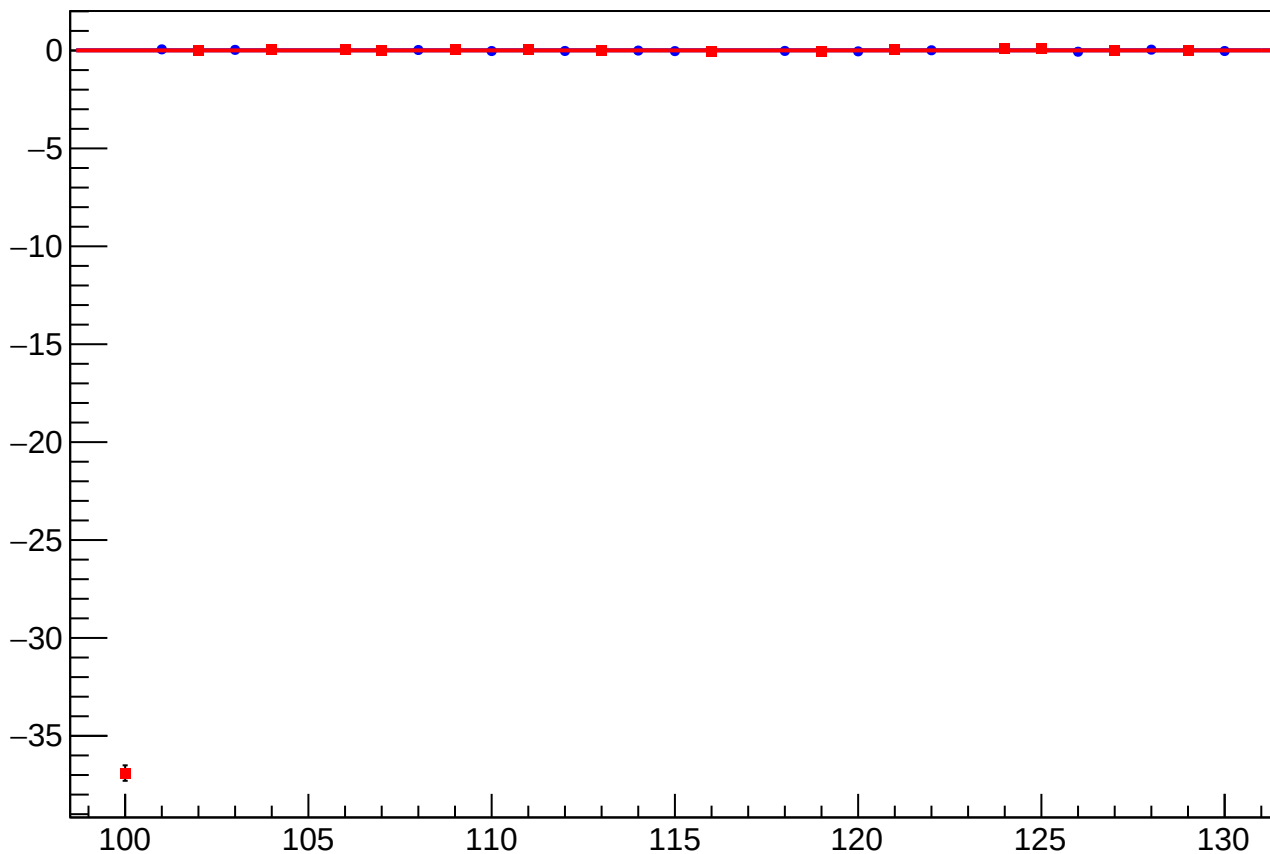
Right: 0.385 $\pm$ 0.106 χ^2 /NDF: 39.5/27

In: 0.269 $\pm$ 0.149 χ^2 /NDF:19.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.385 $\pm$ 0.106 χ^2 /NDF: 39.5/27

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.011+/-0.009 χ^2/NDF : 14.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.009 χ^2/NDF : 8749.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

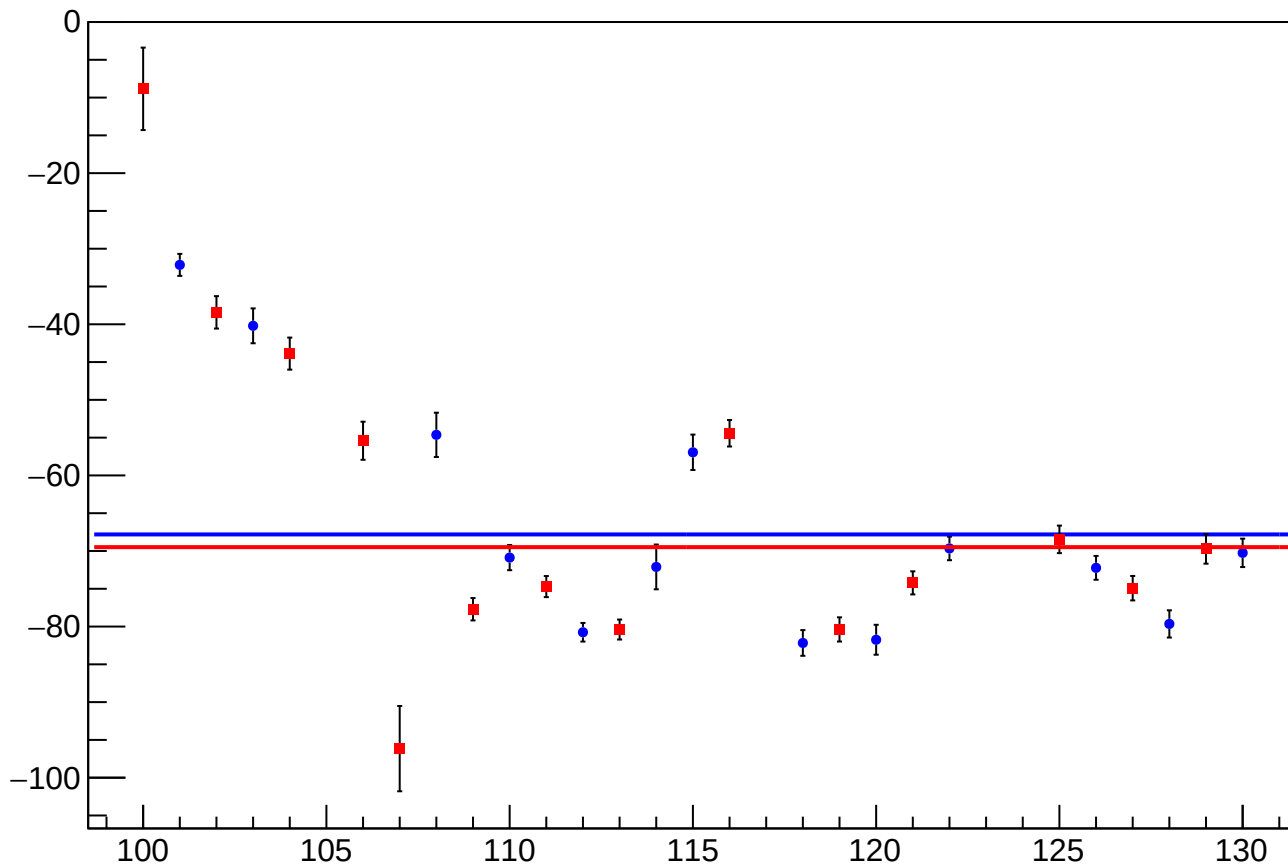
Right: 0.008+/-0.006 χ^2/NDF : 8765.1/27

In: 0.011+/-0.009 χ^2/NDF : 14.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.006 χ^2/NDF : 8765.1/27

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -67.808 $\pm$ 0.494 χ^2 /NDF: 1075.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -69.491 $\pm$ 0.483 χ^2 /NDF: 786.6/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

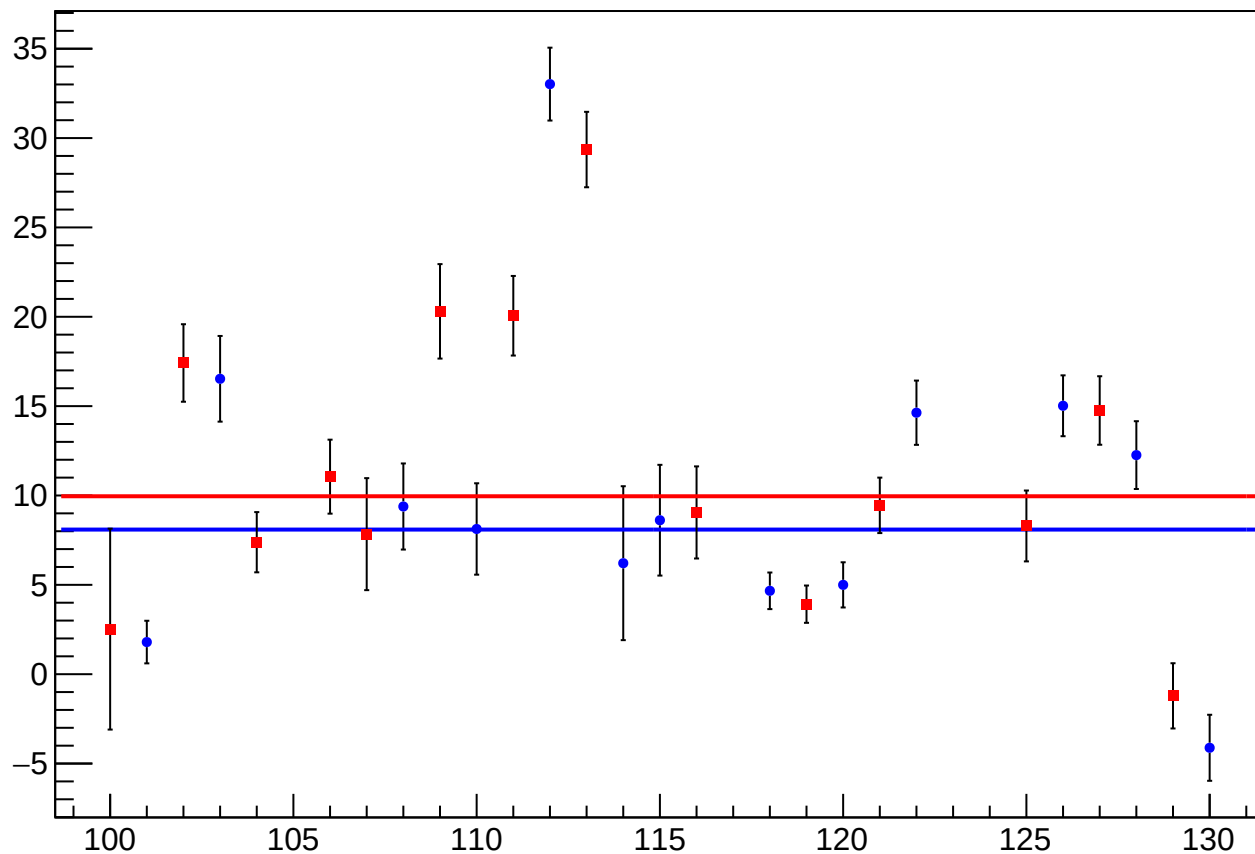
Right: -68.670 $\pm$ 0.345 χ^2 /NDF: 1868.1/26

In: -67.808 $\pm$ 0.494 χ^2 /NDF:1075.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -68.670 $\pm$ 0.345 χ^2 /NDF: 1868.1/26

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.093 $\pm$ 0.476 χ^2 /NDF: 285.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 9.957 $\pm$ 0.512 χ^2 /NDF: 215.1/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

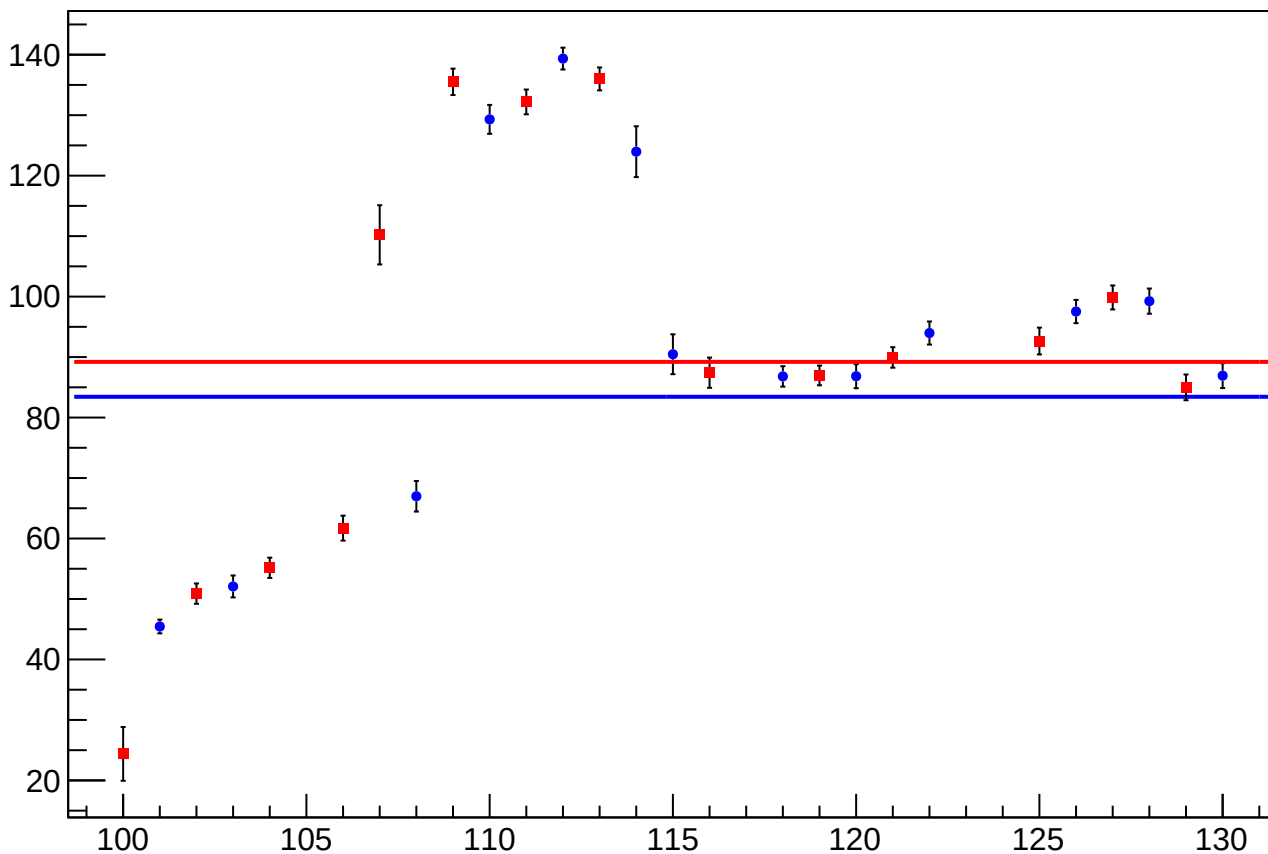
Right: 8.957 $\pm$ 0.349 χ^2 /NDF: 508.0/26

In: 8.093 $\pm$ 0.476 χ^2 /NDF:285.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 8.957 $\pm$ 0.349 χ^2 /NDF: 508.0/26

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 83.434+/-0.536 χ^2/NDF : 3030.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.205+/-0.548 χ^2/NDF : 2881.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

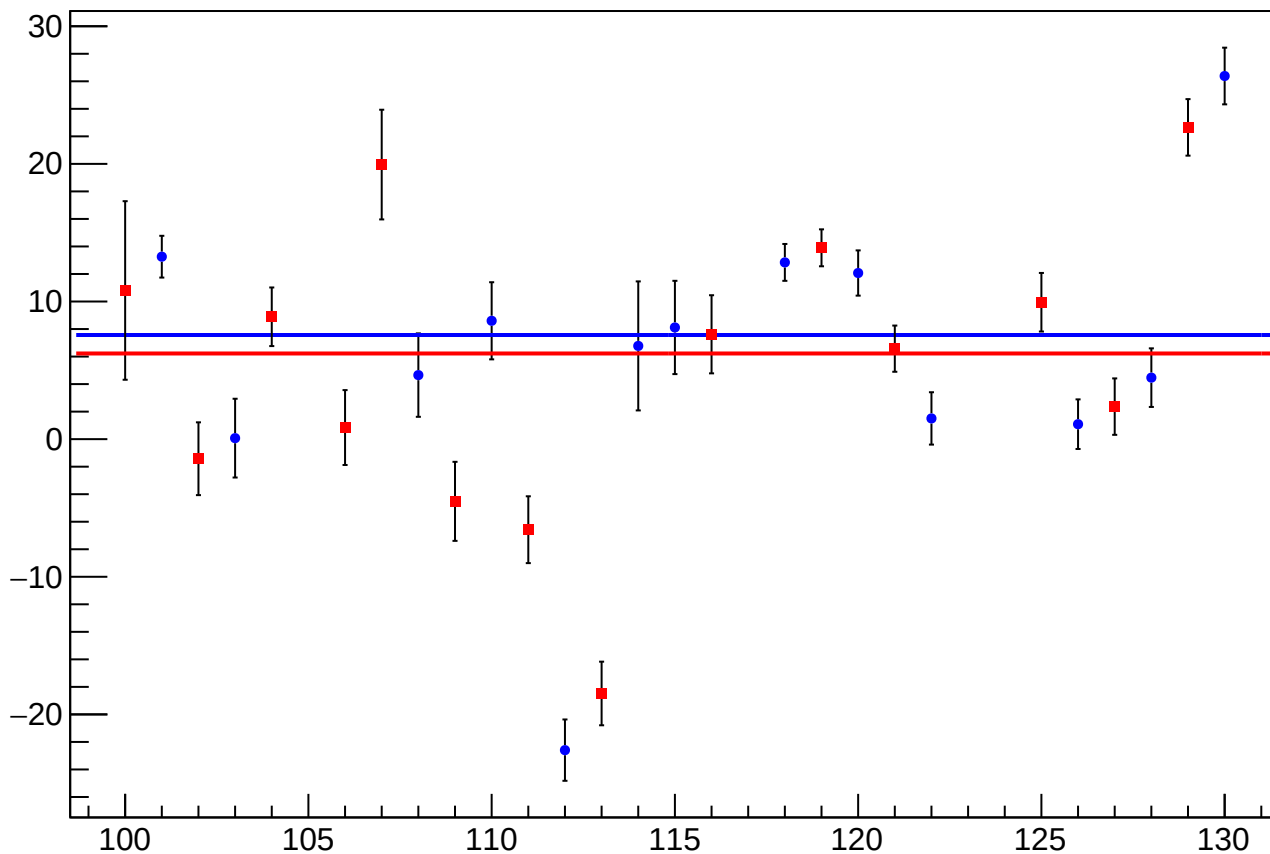
Right: 86.257+/-0.383 χ^2/NDF : 5969.3/26

In: 83.434+/-0.536 χ^2/NDF : 3030.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.257+/-0.383 χ^2/NDF : 5969.3/26

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.567+/-0.568 χ^2/NDF : 337.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.224+/-0.598 χ^2/NDF : 285.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

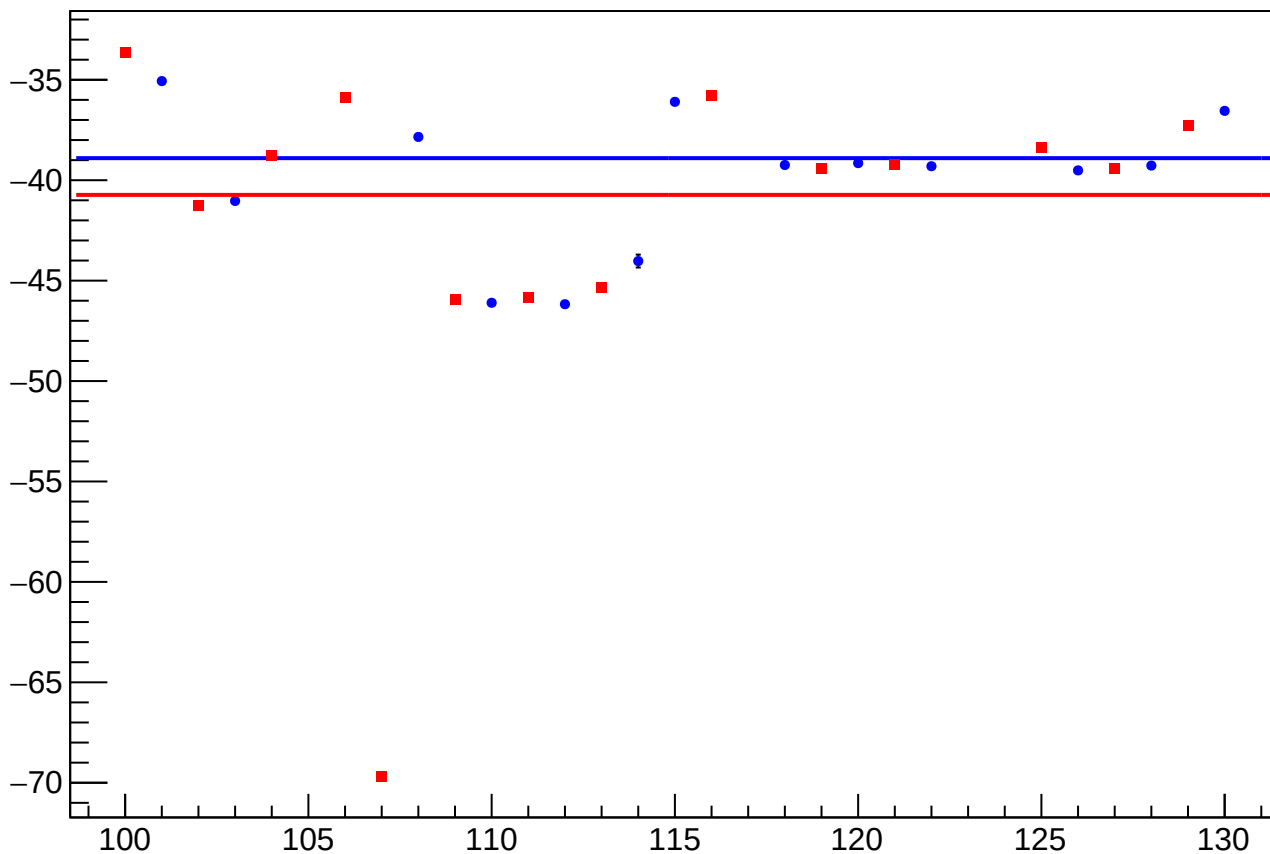
Right: 6.930+/-0.412 χ^2/NDF : 625.5/26

In: 7.567+/-0.568 χ^2/NDF : 337.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.930+/-0.412 χ^2/NDF : 625.5/26

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.901 ± 0.034 χ^2/NDF : 8665.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -40.730 ± 0.034 χ^2/NDF : 30102.1/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

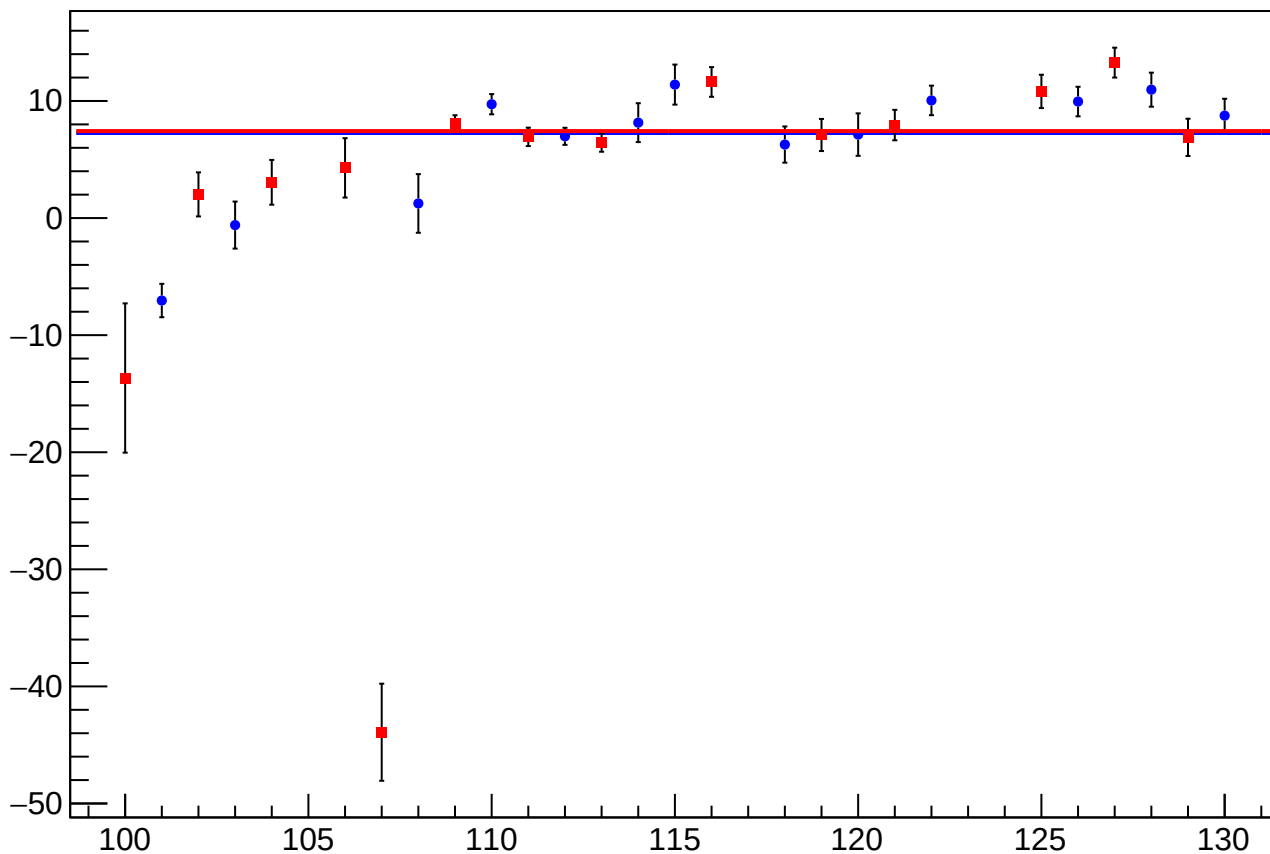
Right: -39.824 ± 0.024 χ^2/NDF : 40192.2/26

In: -38.901 ± 0.034 χ^2/NDF : 8665.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.824 ± 0.024 χ^2/NDF : 40192.2/26

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 7.269+/-0.359 χ^2/NDF : 153.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.430+/-0.328 χ^2/NDF : 220.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

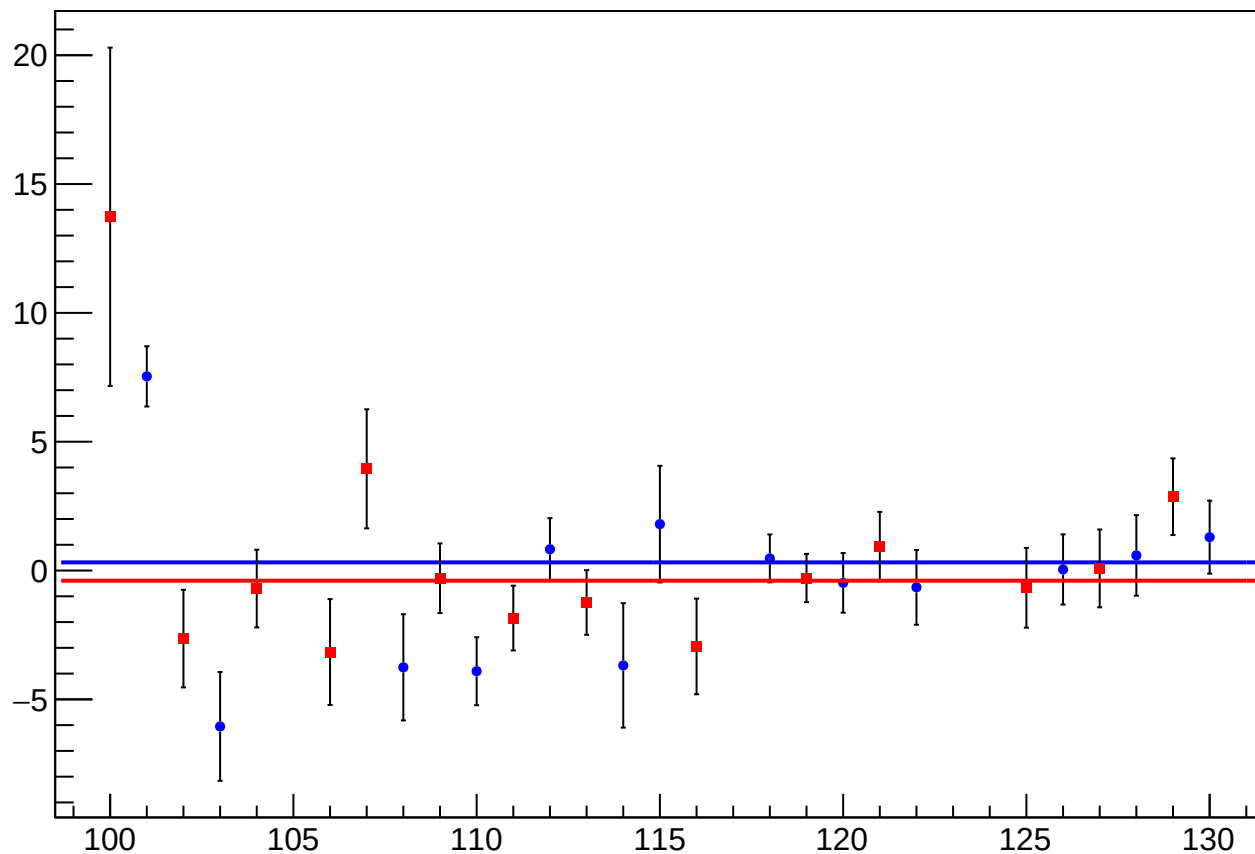
Right: 7.357+/-0.242 χ^2/NDF : 373.5/26

In: 7.269+/-0.359 χ^2/NDF : 153.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.357+/-0.242 χ^2/NDF : 373.5/26

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.317 $\pm$ 0.388 χ^2 /NDF: 66.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.394 $\pm$ 0.399 χ^2 /NDF: 21.0/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

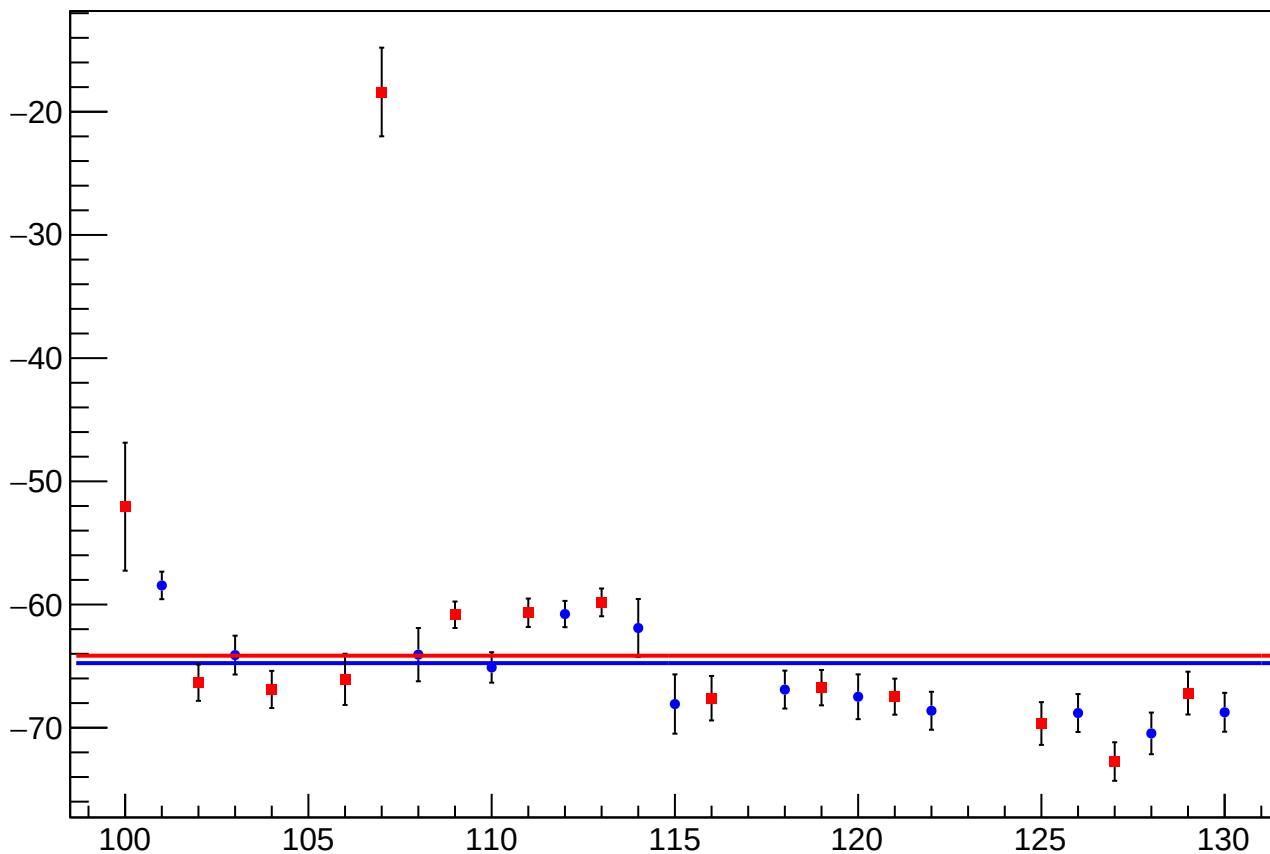
Right: -0.028 $\pm$ 0.278 χ^2 /NDF: 88.9/26

In: 0.317 $\pm$ 0.388 χ^2 /NDF:66.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.028 $\pm$ 0.278 χ^2 /NDF: 88.9/26

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -64.755 ± 0.422 χ^2/NDF : 84.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -64.153 ± 0.409 χ^2/NDF : 262.2/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

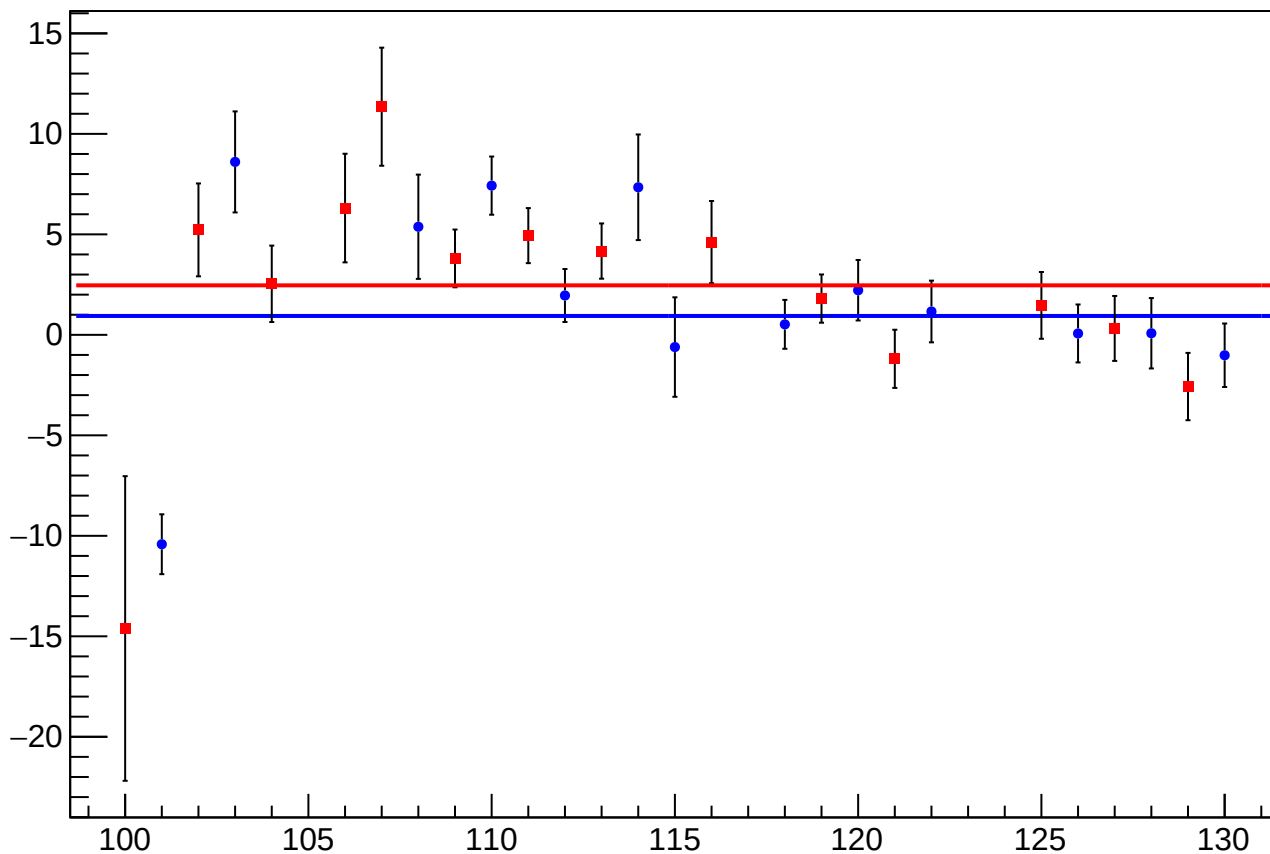
Right: -64.445 ± 0.294 χ^2/NDF : 348.0/26

In: -64.755 ± 0.422 χ^2/NDF : 84.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -64.445 ± 0.294 χ^2/NDF : 348.0/26

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.940 $\pm$ 0.453 χ^2 /NDF: 100.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.463 $\pm$ 0.457 χ^2 /NDF: 42.3/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

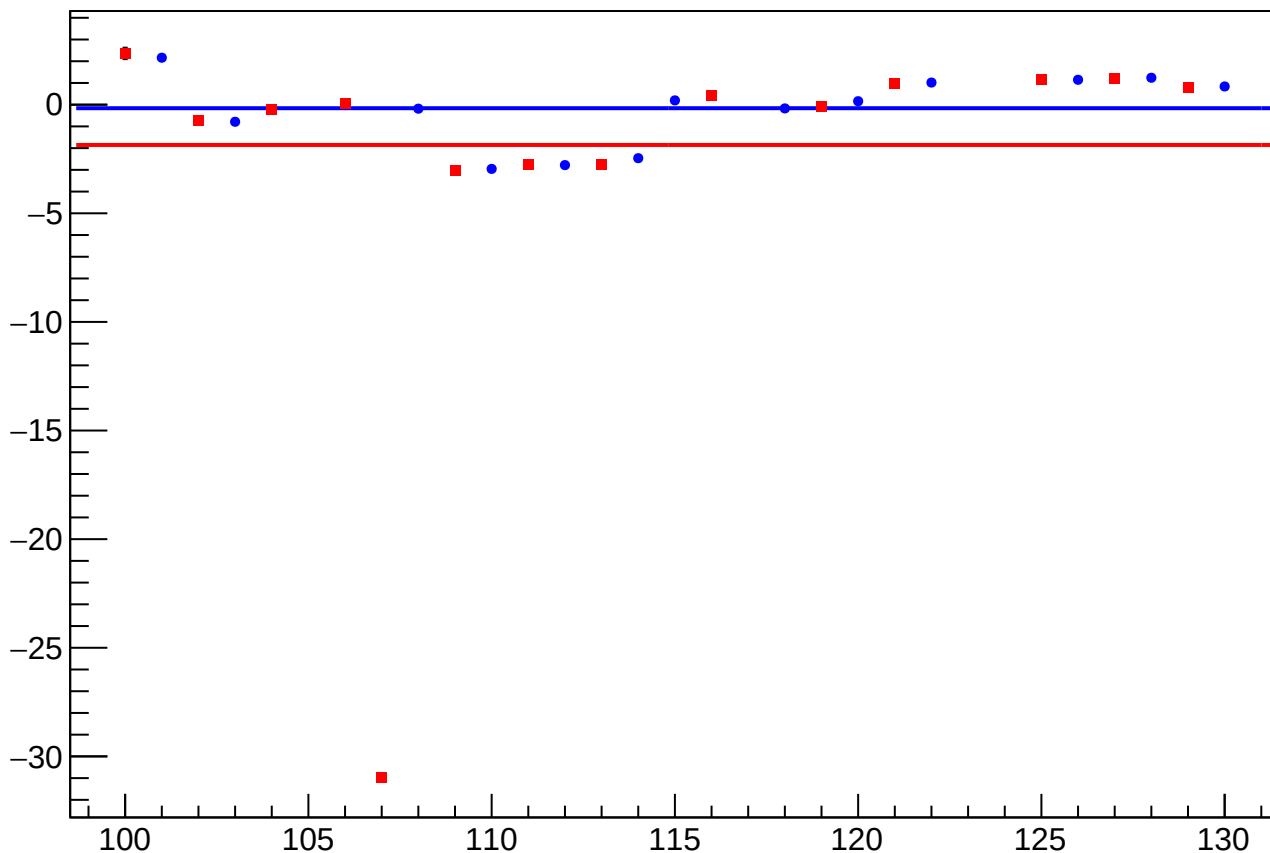
Right: 1.696 $\pm$ 0.322 χ^2 /NDF: 148.3/26

In: 0.940 $\pm$ 0.453 χ^2 /NDF:100.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.696 $\pm$ 0.322 χ^2 /NDF: 148.3/26

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.162 ± 0.028 $\chi^2/\text{NDF}: 3583.2/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.854 ± 0.027 $\chi^2/\text{NDF}: 44032.9/13$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

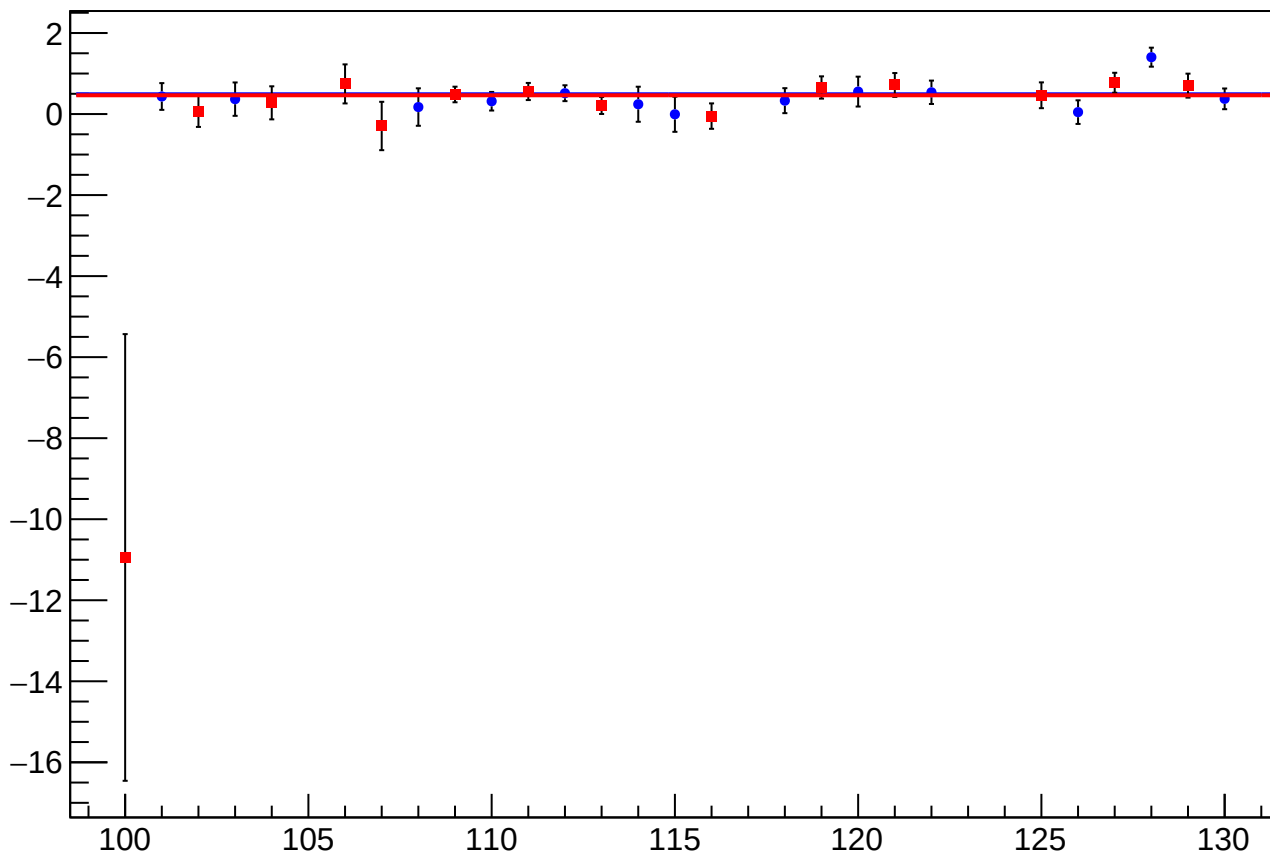
Right: -1.044 ± 0.020 $\chi^2/\text{NDF}: 49486.0/26$

In: -0.162 ± 0.028 $\chi^2/\text{NDF}: 3583.2/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.044 ± 0.020 $\chi^2/\text{NDF}: 49486.0/26$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.488+/-0.081 χ^2/NDF : 20.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.463+/-0.078 χ^2/NDF : 15.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

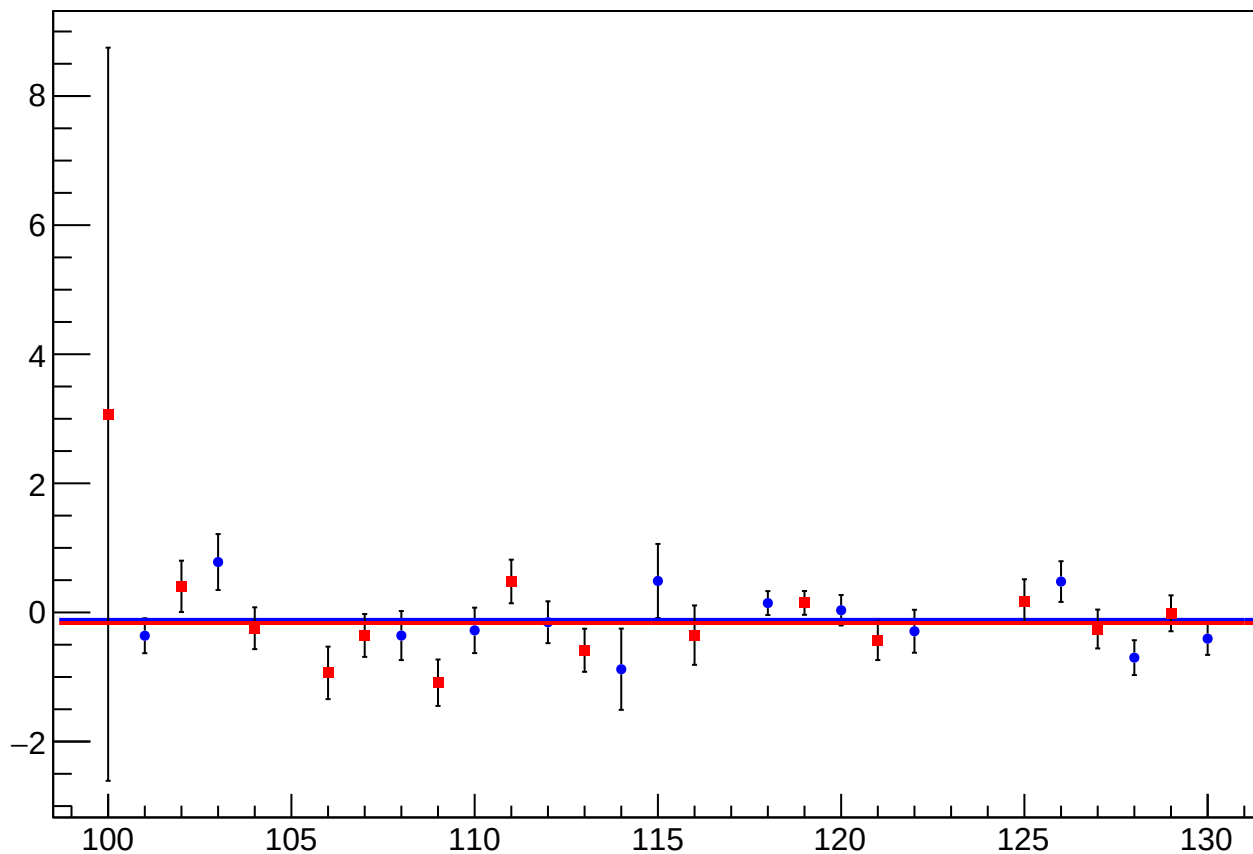
Right: 0.475+/-0.056 χ^2/NDF : 36.1/26

In: 0.488+/-0.081 χ^2/NDF : 20.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.475+/-0.056 χ^2/NDF : 36.1/26

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.115+/-0.083 χ^2 /NDF: 20.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.164+/-0.086 χ^2 /NDF: 23.4/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

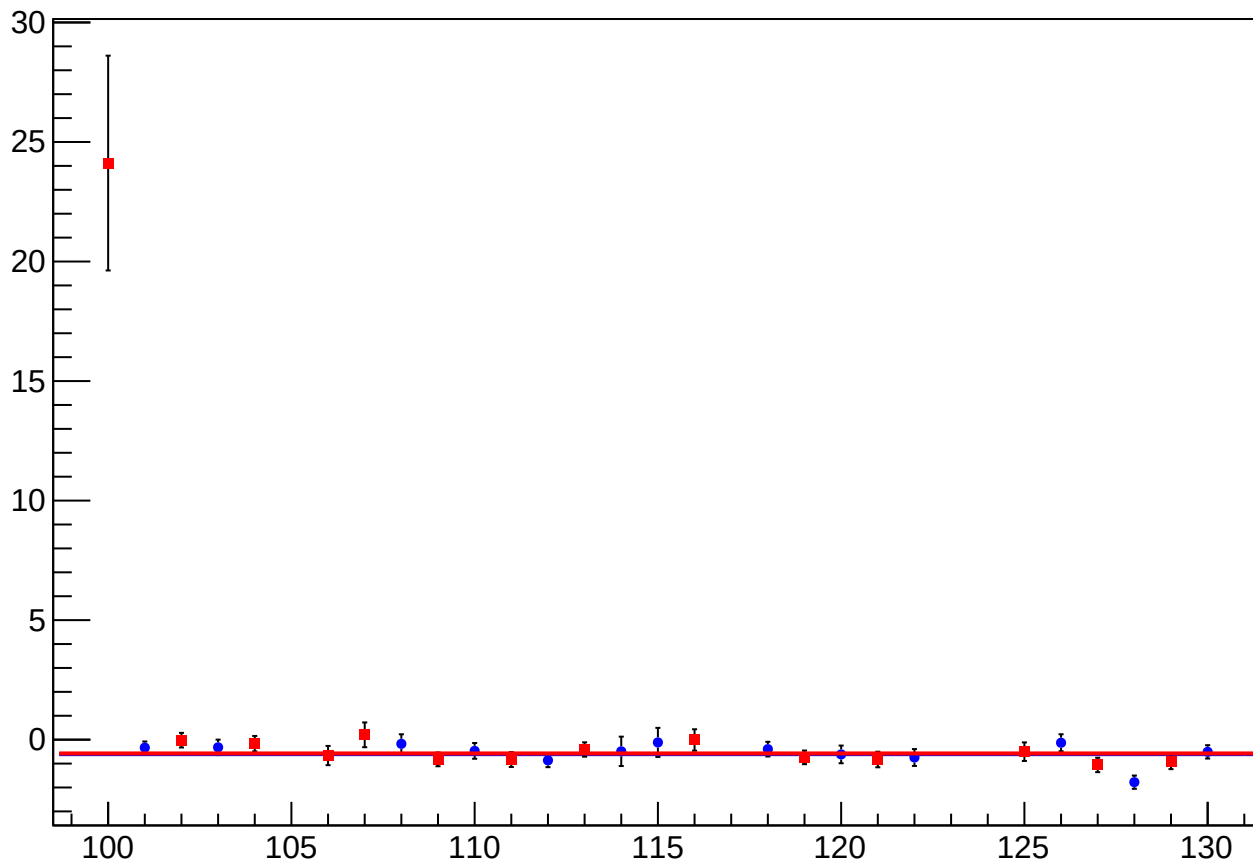
Right: -0.138+/-0.060 χ^2 /NDF: 44.1/26

In: -0.115+/-0.083 χ^2 /NDF:20.6/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.138+/-0.060 χ^2 /NDF: 44.1/26

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.605 ± 0.092 $\chi^2/\text{NDF}: 25.1/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.576 ± 0.092 $\chi^2/\text{NDF}: 45.3/13$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

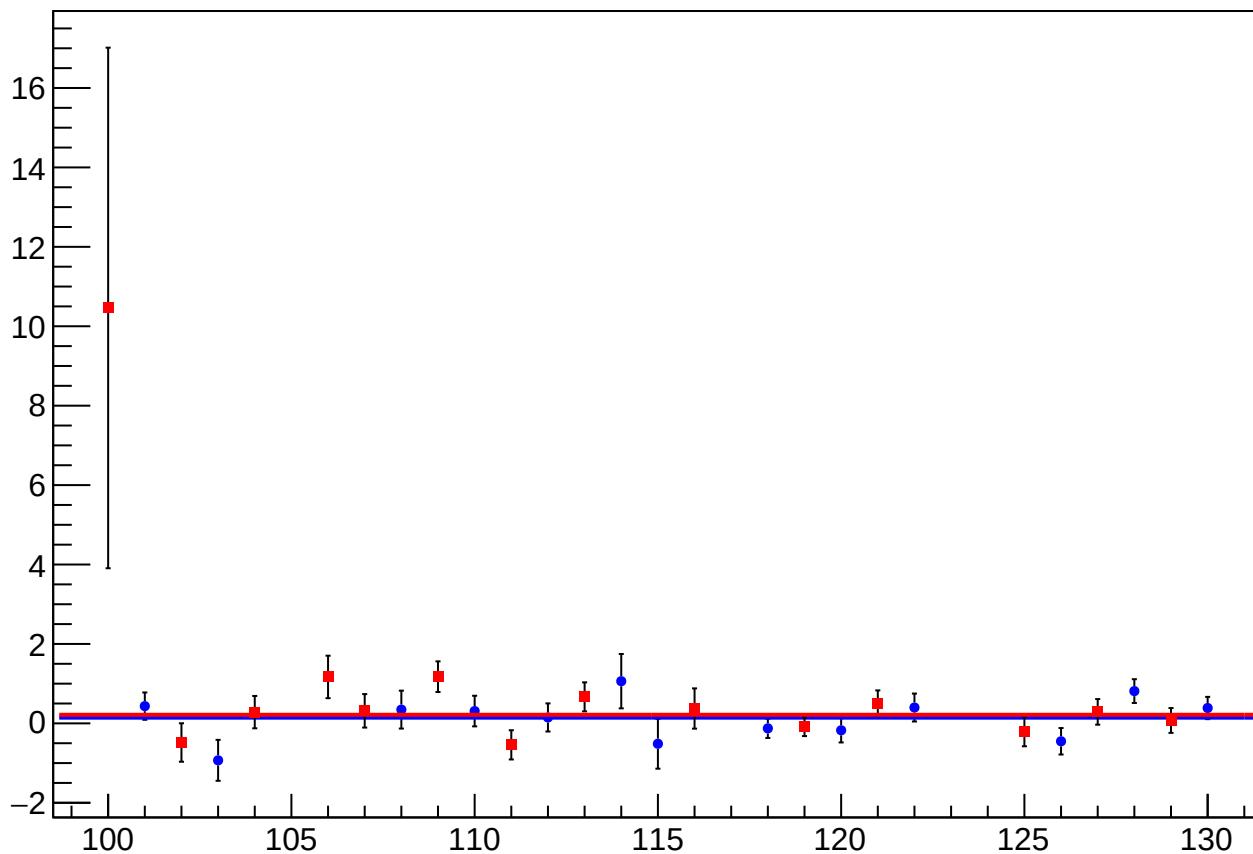
Right: -0.590 ± 0.065 $\chi^2/\text{NDF}: 70.5/26$

In: -0.605 ± 0.092 $\chi^2/\text{NDF}: 25.1/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.590 ± 0.065 $\chi^2/\text{NDF}: 70.5/26$

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.144+/-0.098 χ^2/NDF : 20.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.216+/-0.100 χ^2/NDF : 23.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

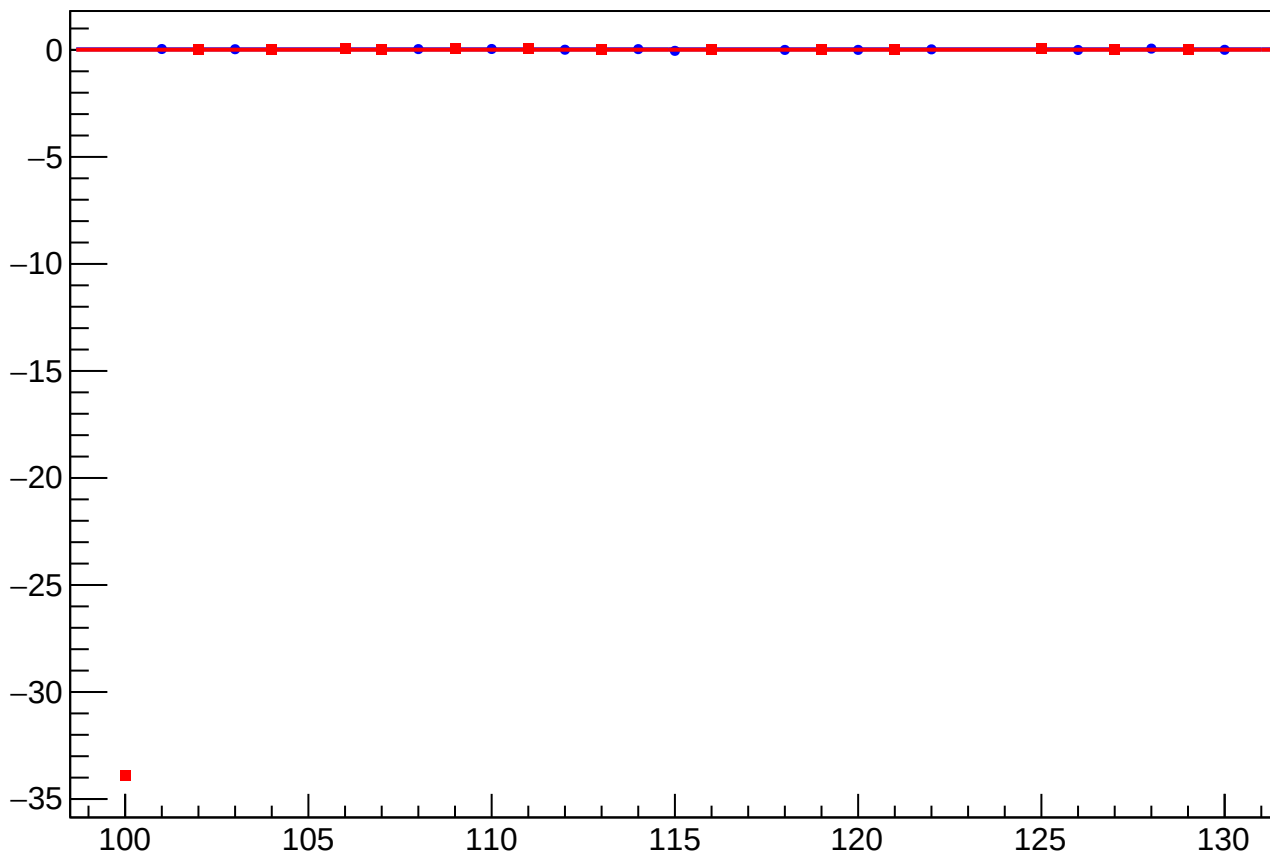
Right: 0.179+/-0.070 χ^2/NDF : 44.1/26

In: 0.144+/-0.098 χ^2/NDF : 20.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.179+/-0.070 χ^2/NDF : 44.1/26

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.026 $\pm$ 0.006 χ^2 /NDF: 11.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.009 $\pm$ 0.006 χ^2 /NDF: 22258.2/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

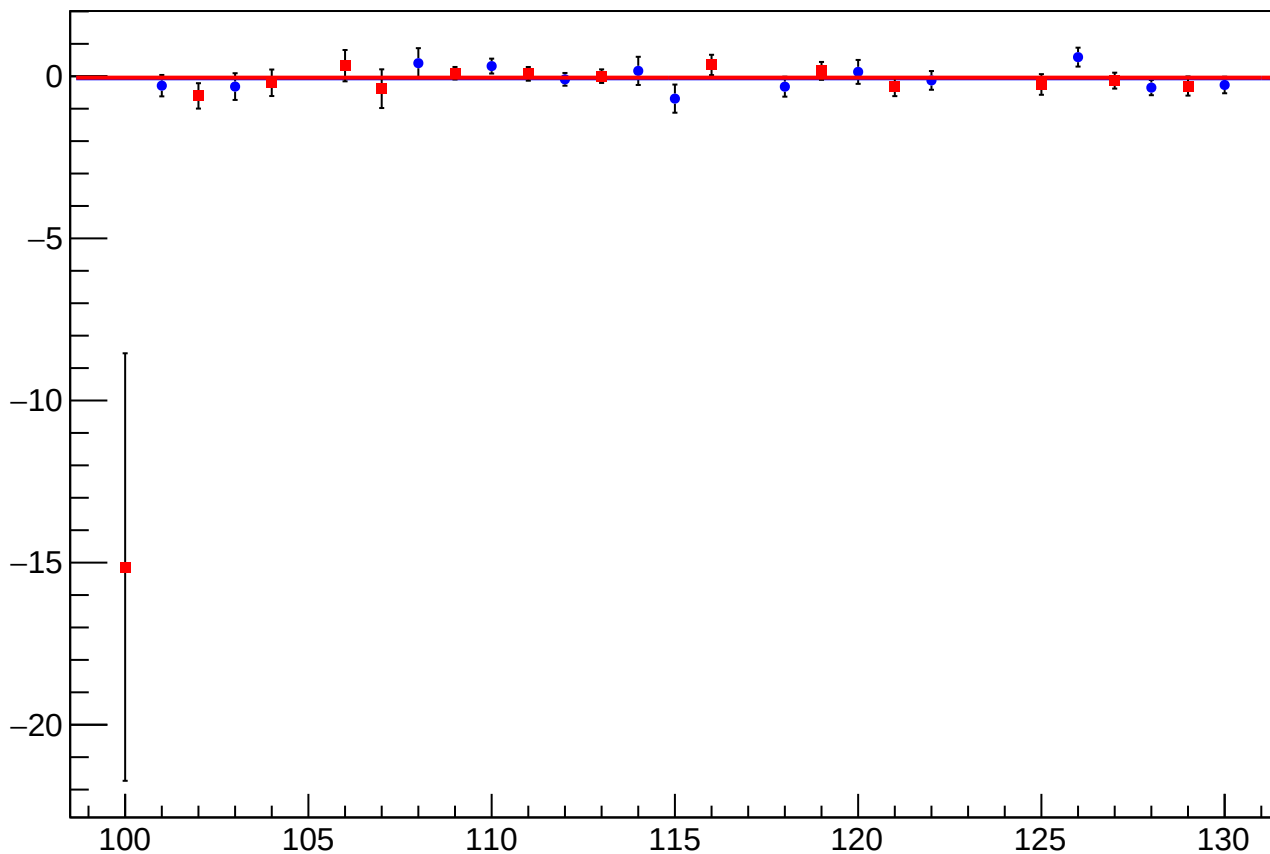
Right: 0.017 $\pm$ 0.004 χ^2 /NDF: 22273.7/26

In: 0.026 $\pm$ 0.006 χ^2 /NDF:11.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.017 $\pm$ 0.004 χ^2 /NDF: 22273.7/26

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.063 ± 0.082 χ^2/NDF : 15.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.042 ± 0.078 χ^2/NDF : 13.6/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

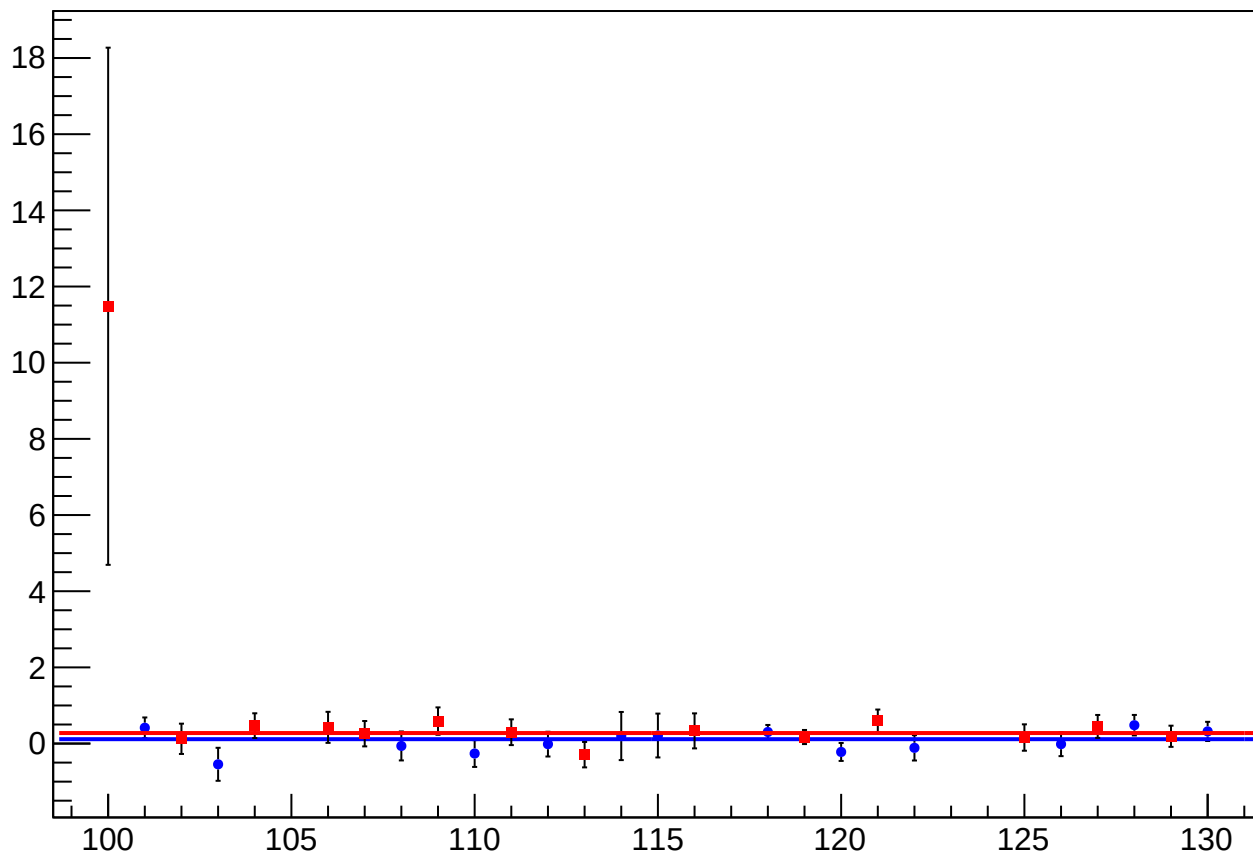
Right: -0.052 ± 0.056 χ^2/NDF : 28.8/26

In: -0.063 ± 0.082 χ^2/NDF : 15.2/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.052 ± 0.056 χ^2/NDF : 28.8/26

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.115+/-0.083 χ^2/NDF : 11.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.276+/-0.086 χ^2/NDF : 9.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

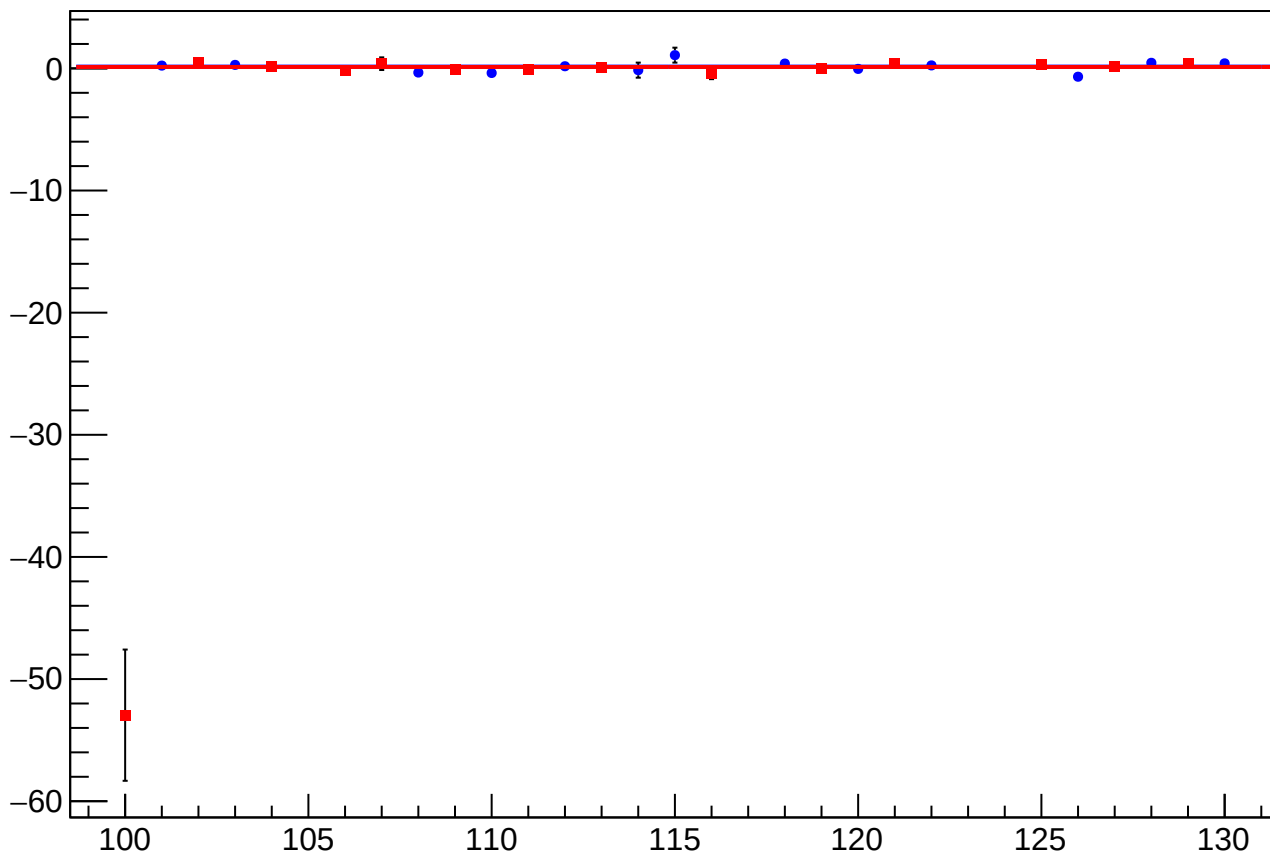
Right: 0.192+/-0.060 χ^2/NDF : 22.2/26

In: 0.115+/-0.083 χ^2/NDF : 11.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.192+/-0.060 χ^2/NDF : 22.2/26

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.145+/-0.092 χ^2/NDF : 15.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.117+/-0.092 χ^2/NDF : 104.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

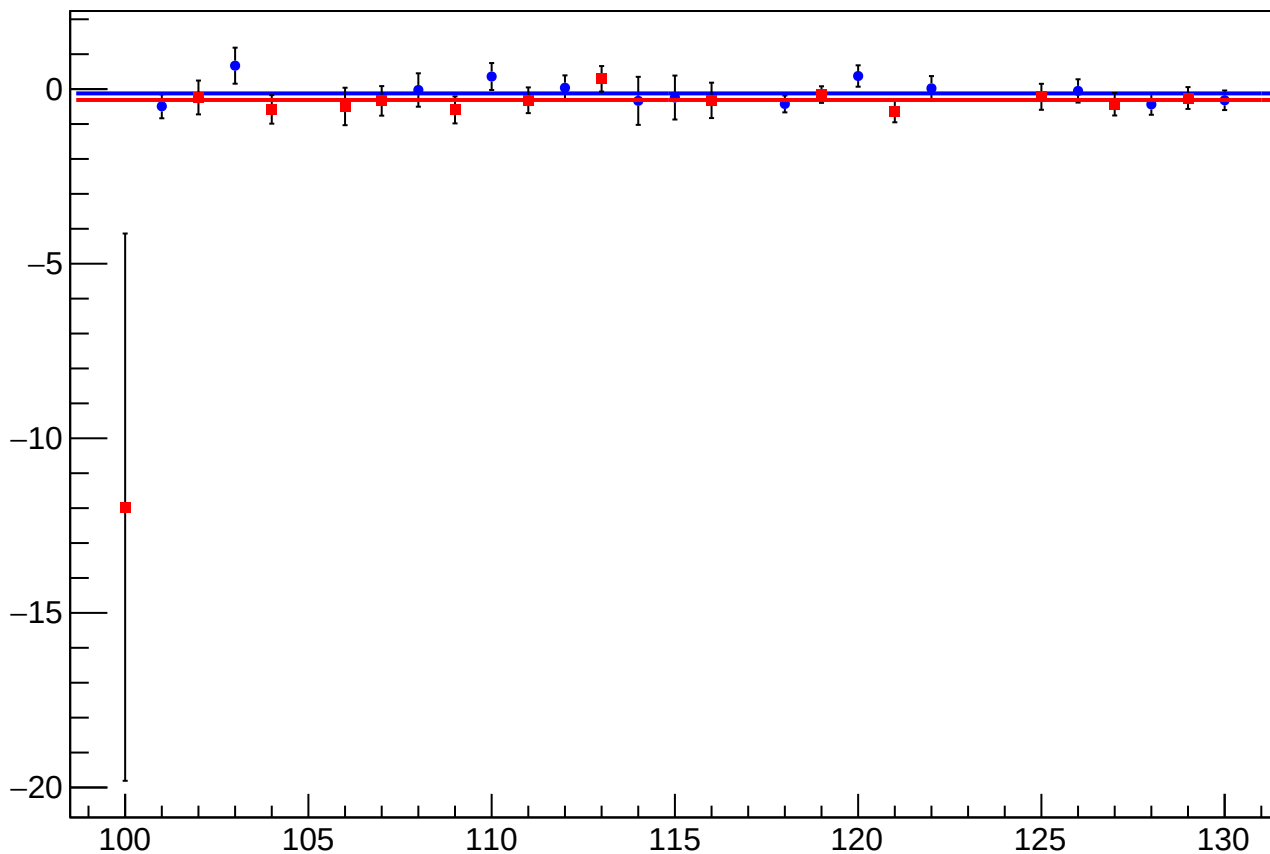
Right: 0.131+/-0.065 χ^2/NDF : 119.9/26

In: 0.145+/-0.092 χ^2/NDF : 15.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.131+/-0.065 χ^2/NDF : 119.9/26

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.123 ± 0.098 χ^2/NDF : 11.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.311 ± 0.100 χ^2/NDF : 7.7/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

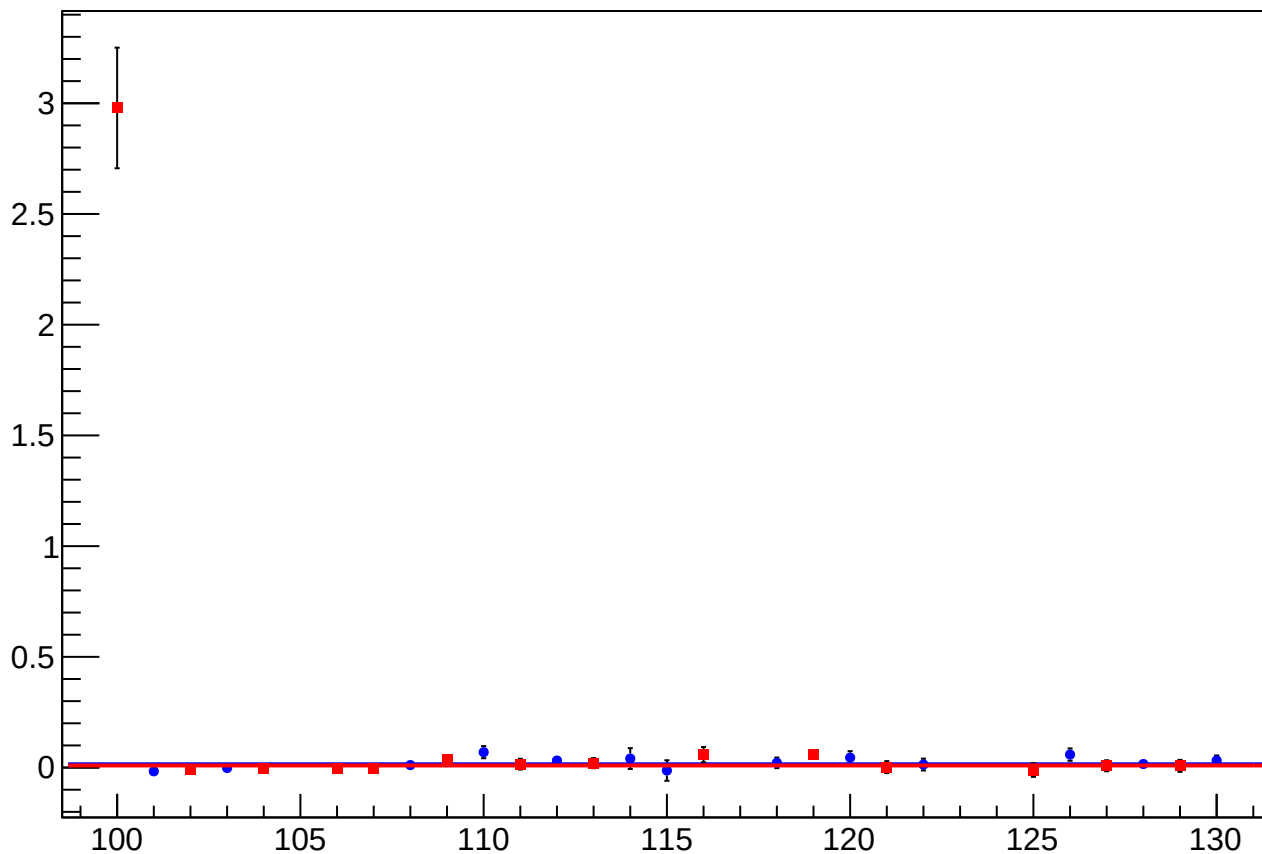
Right: -0.214 ± 0.070 χ^2/NDF : 21.0/26

In: -0.123 ± 0.098 χ^2/NDF : 11.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.214 ± 0.070 χ^2/NDF : 21.0/26

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.015+/-0.006 χ^2/NDF : 15.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.006 χ^2/NDF : 131.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

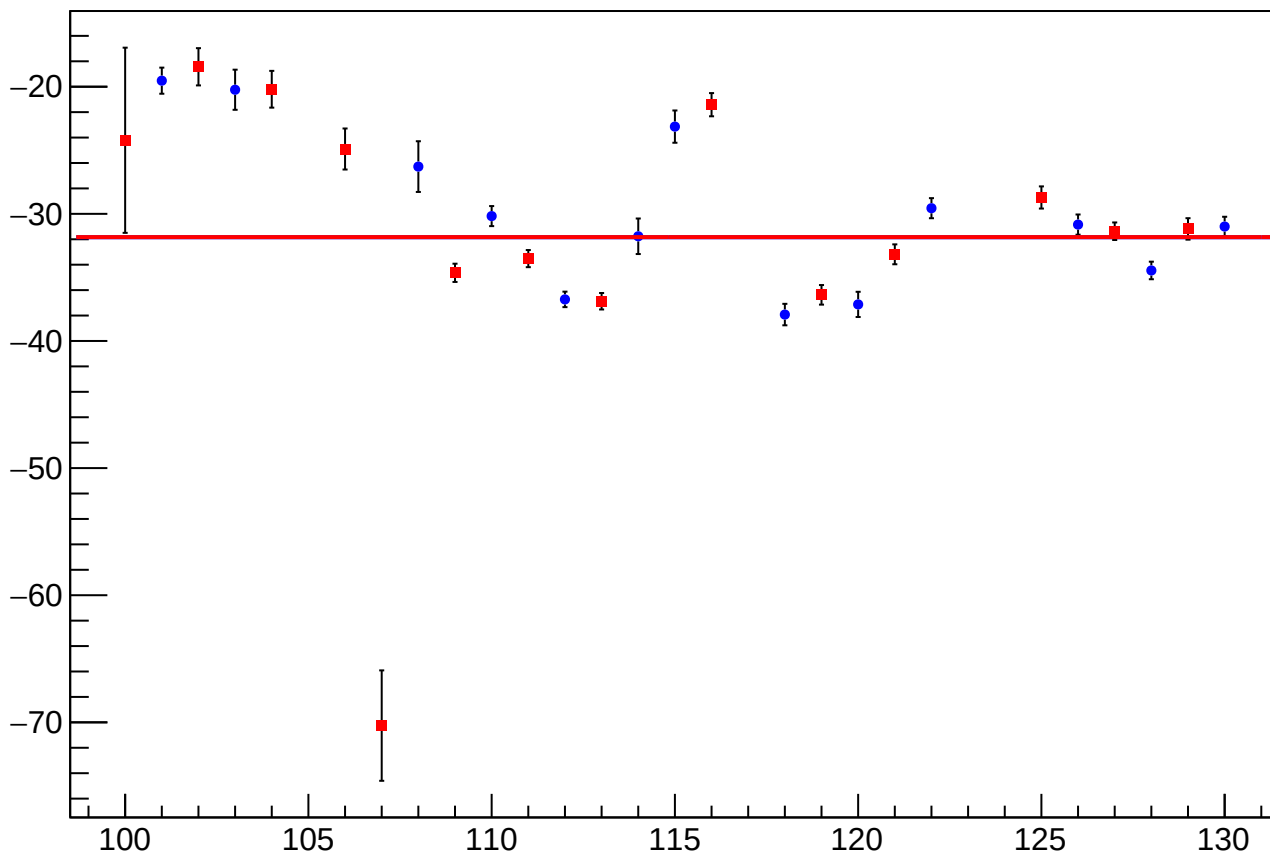
Right: 0.012+/-0.004 χ^2/NDF : 147.1/26

In: 0.015+/-0.006 χ^2/NDF : 15.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.004 χ^2/NDF : 147.1/26

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -31.843 $\pm$ 0.247 χ^2 /NDF: 427.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -31.831 $\pm$ 0.241 χ^2 /NDF: 510.2/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

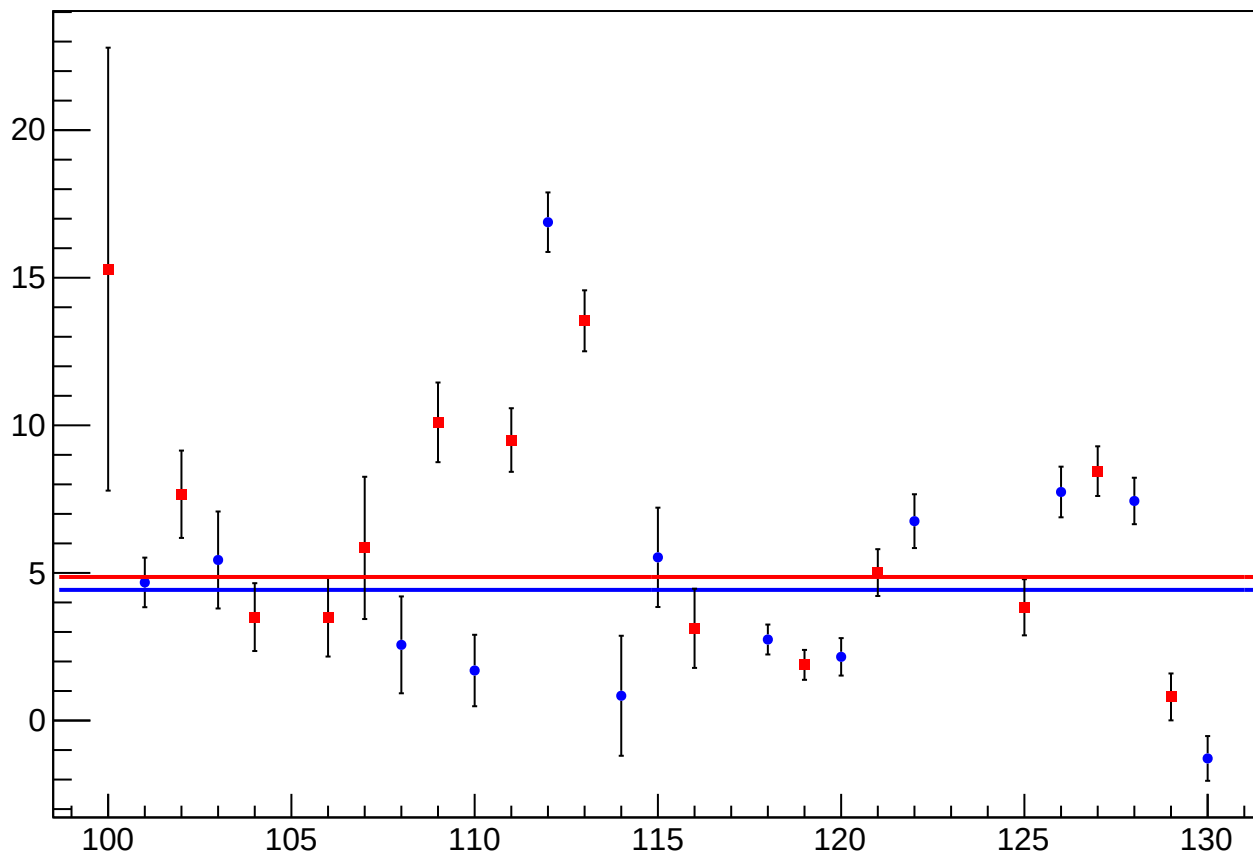
Right: -31.837 $\pm$ 0.172 χ^2 /NDF: 937.6/26

In: -31.843 $\pm$ 0.247 χ^2 /NDF:427.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -31.837 $\pm$ 0.172 χ^2 /NDF: 937.6/26

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.425+/-0.245 χ^2/NDF : 279.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.863+/-0.263 χ^2/NDF : 194.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

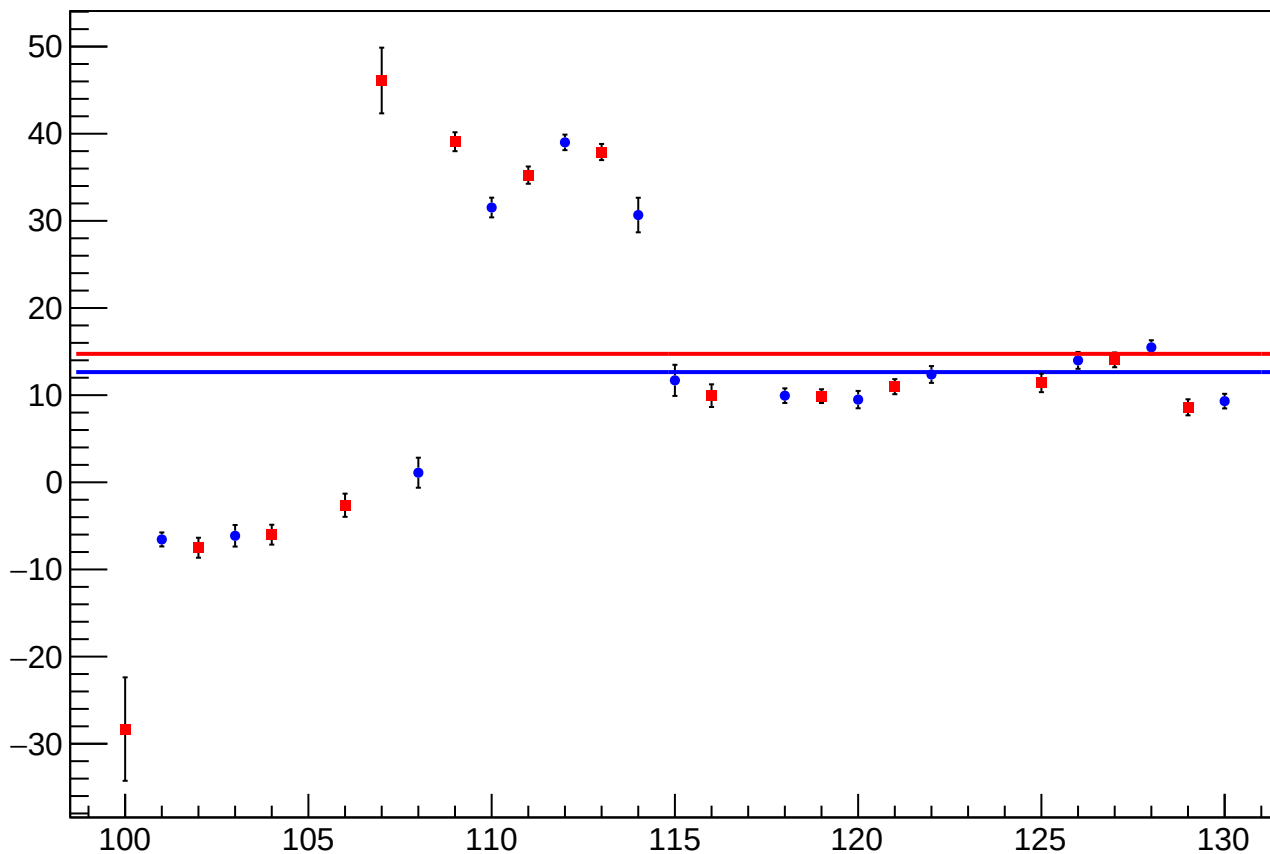
Right: 4.628+/-0.179 χ^2/NDF : 475.2/26

In: 4.425+/-0.245 χ^2/NDF : 279.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.628+/-0.179 χ^2/NDF : 475.2/26

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 12.647+/-0.281 χ^2/NDF : 2132.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.739+/-0.286 χ^2/NDF : 2679.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

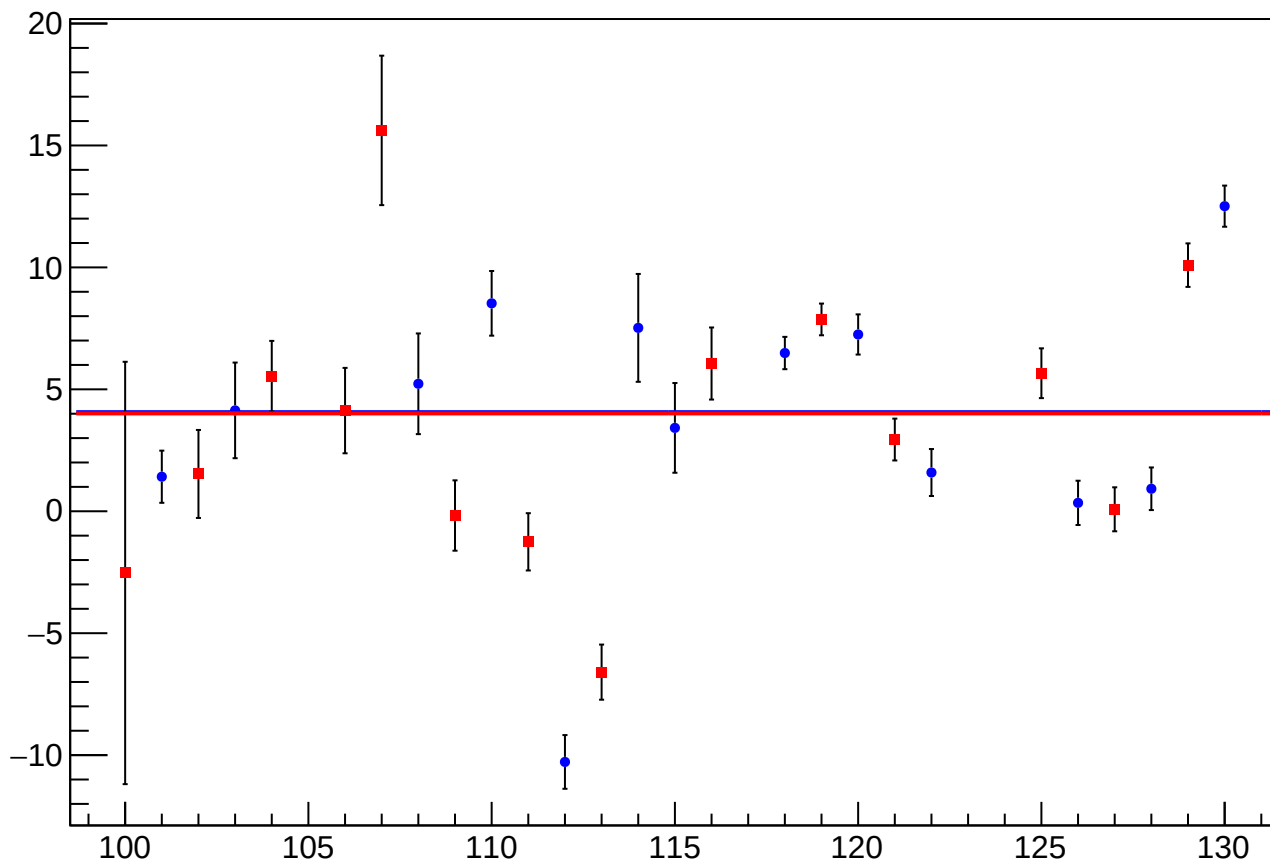
Right: 13.675+/-0.201 χ^2/NDF : 4838.5/26

In: 12.647+/-0.281 χ^2/NDF : 2132.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.675+/-0.201 χ^2/NDF : 4838.5/26

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.063+/-0.288 χ^2/NDF : 354.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.012+/-0.304 χ^2/NDF : 241.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

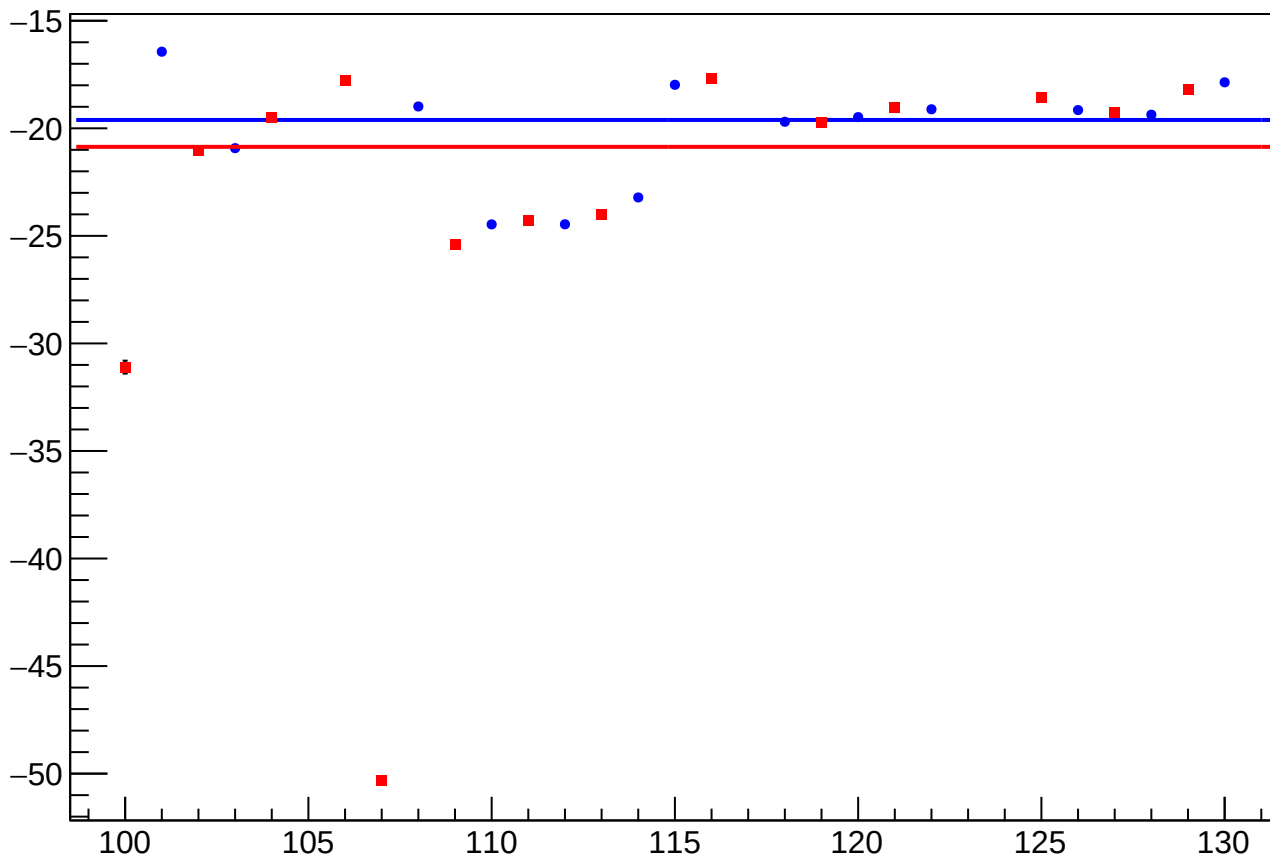
Right: 4.039+/-0.209 χ^2/NDF : 596.1/26

In: 4.063+/-0.288 χ^2/NDF : 354.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.039+/-0.209 χ^2/NDF : 596.1/26

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.611+/-0.020 χ^2/NDF : 14071.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -20.862+/-0.019 χ^2/NDF : 52960.3/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

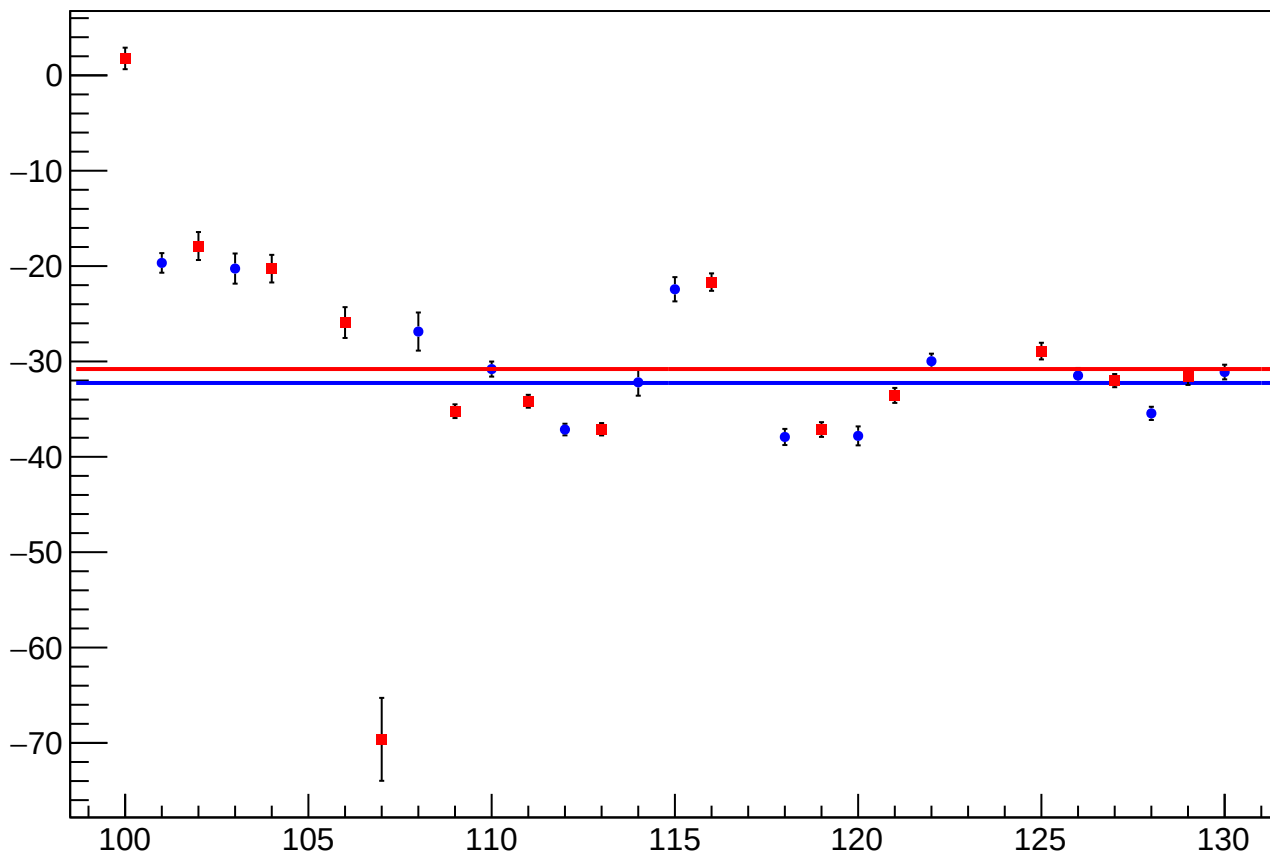
Right: -20.239+/-0.014 χ^2/NDF : 69082.3/26

In: -19.611+/-0.020 χ^2/NDF :14071.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -20.239+/-0.014 χ^2/NDF : 69082.3/26

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -32.256+/-0.247 χ^2/NDF : 450.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -30.795+/-0.236 χ^2/NDF : 1397.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

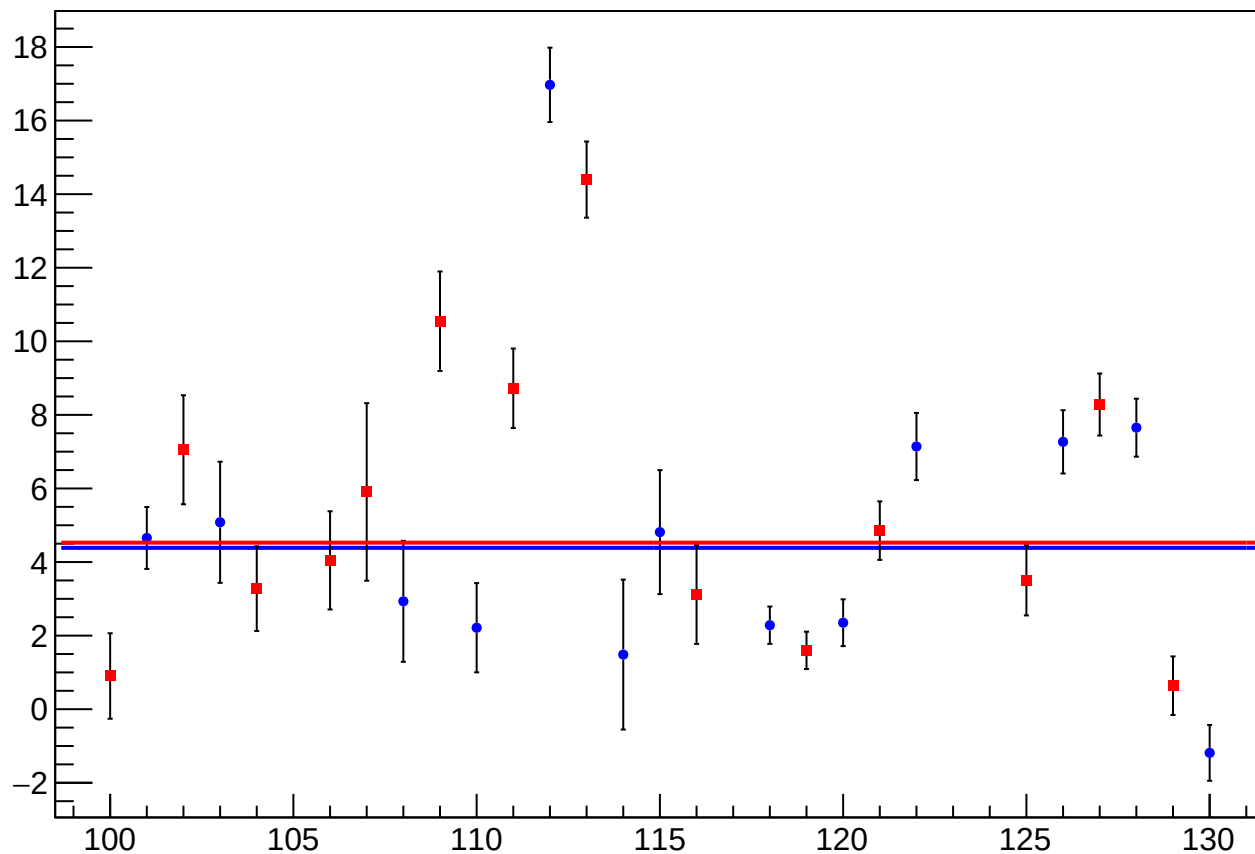
Right: -31.492+/-0.171 χ^2/NDF : 1866.3/26

In: -32.256+/-0.247 χ^2/NDF : 450.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.492+/-0.171 χ^2/NDF : 1866.3/26

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.386+/-0.245 χ^2/NDF : 280.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.527+/-0.257 χ^2/NDF : 219.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

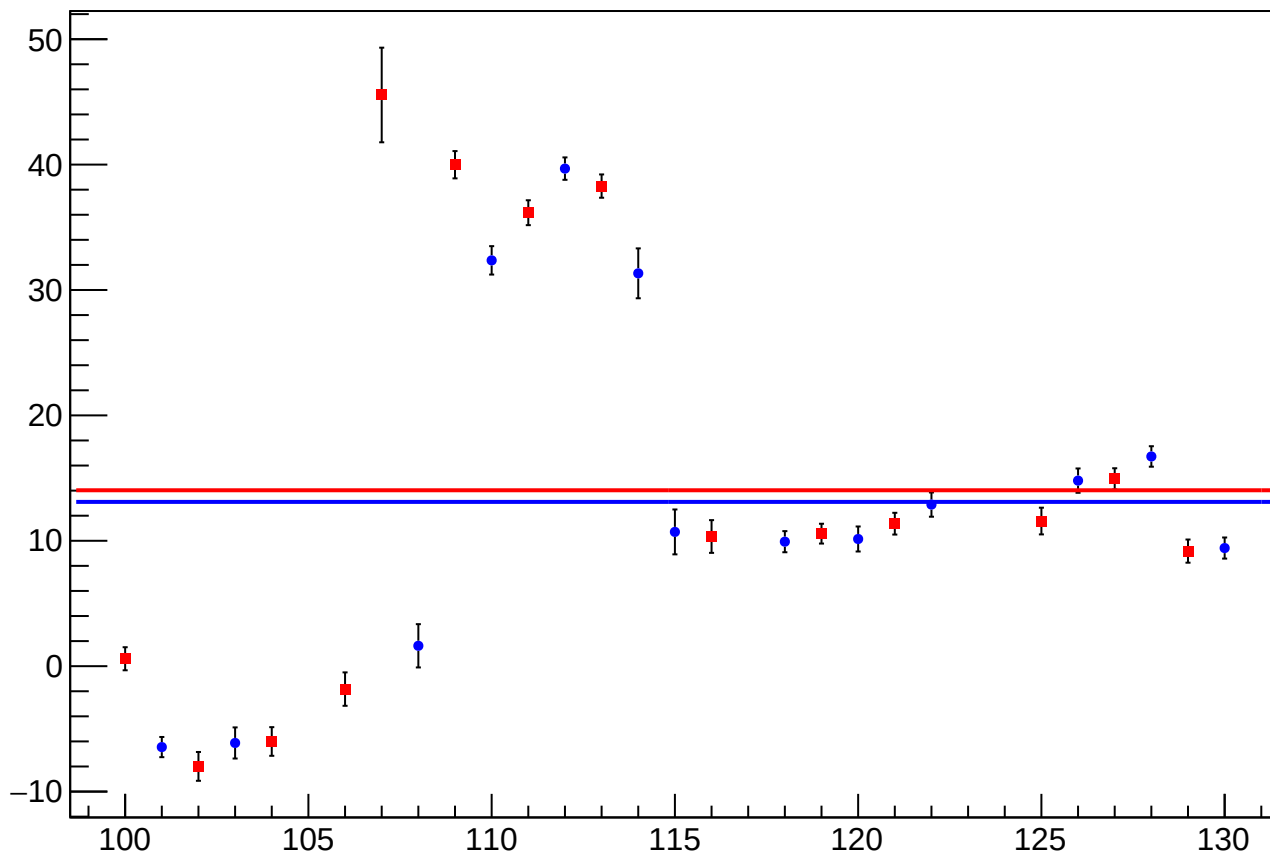
Right: 4.453+/-0.177 χ^2/NDF : 499.9/26

In: 4.386+/-0.245 χ^2/NDF : 280.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.453+/-0.177 χ^2/NDF : 499.9/26

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 13.101+/-0.282 χ^2 /NDF: 2199.1/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 14.028+/-0.274 χ^2 /NDF: 2917.7/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

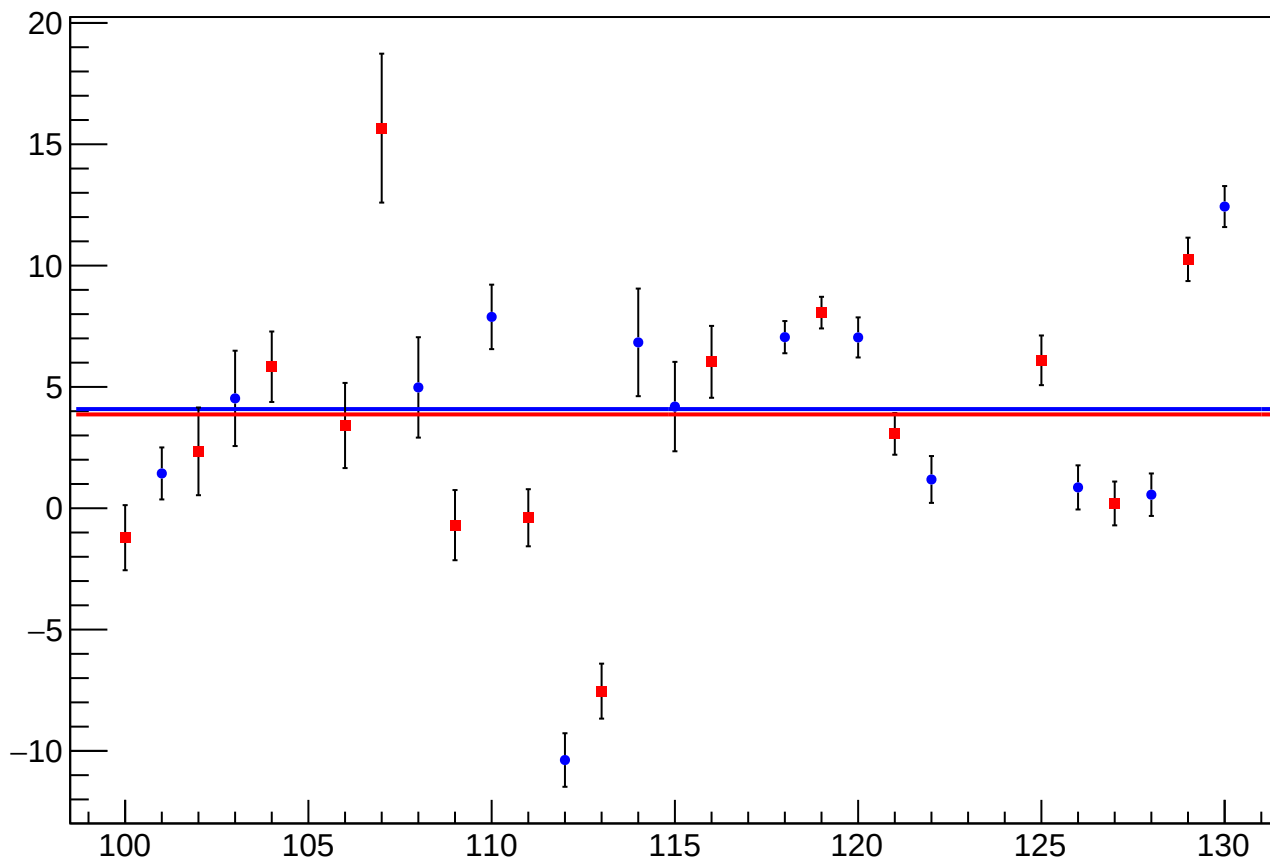
Right: 13.578+/-0.196 χ^2 /NDF: 5122.4/26

In: 13.101+/-0.282 χ^2 /NDF:2199.1/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 13.578+/-0.196 χ^2 /NDF: 5122.4/26

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.087+/-0.289 χ^2/NDF : 356.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.867+/-0.297 χ^2/NDF : 272.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

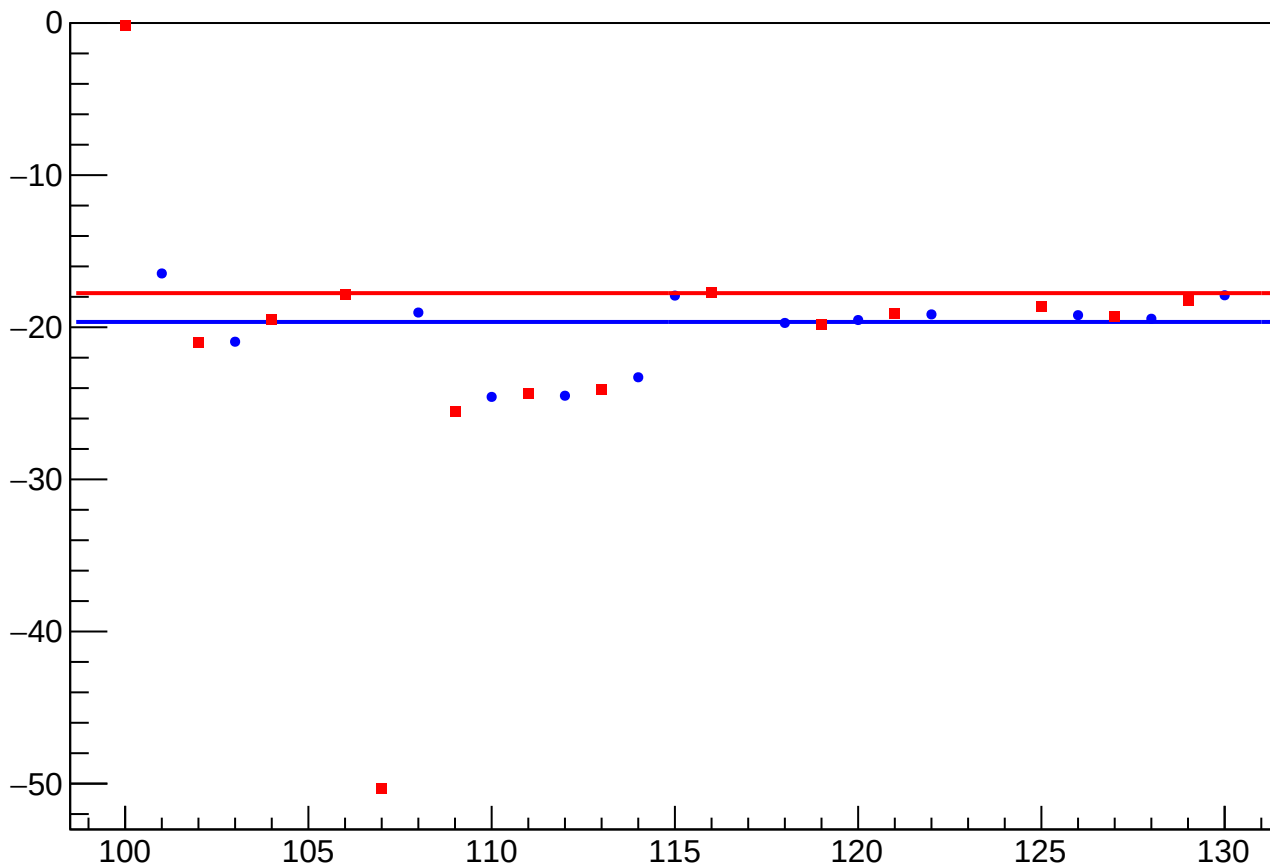
Right: 3.980+/-0.207 χ^2/NDF : 629.1/26

In: 4.087+/-0.289 χ^2/NDF : 356.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.980+/-0.207 χ^2/NDF : 629.1/26

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.651+/-0.020 χ^2/NDF : 14146.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.757+/-0.018 χ^2/NDF : 219442.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

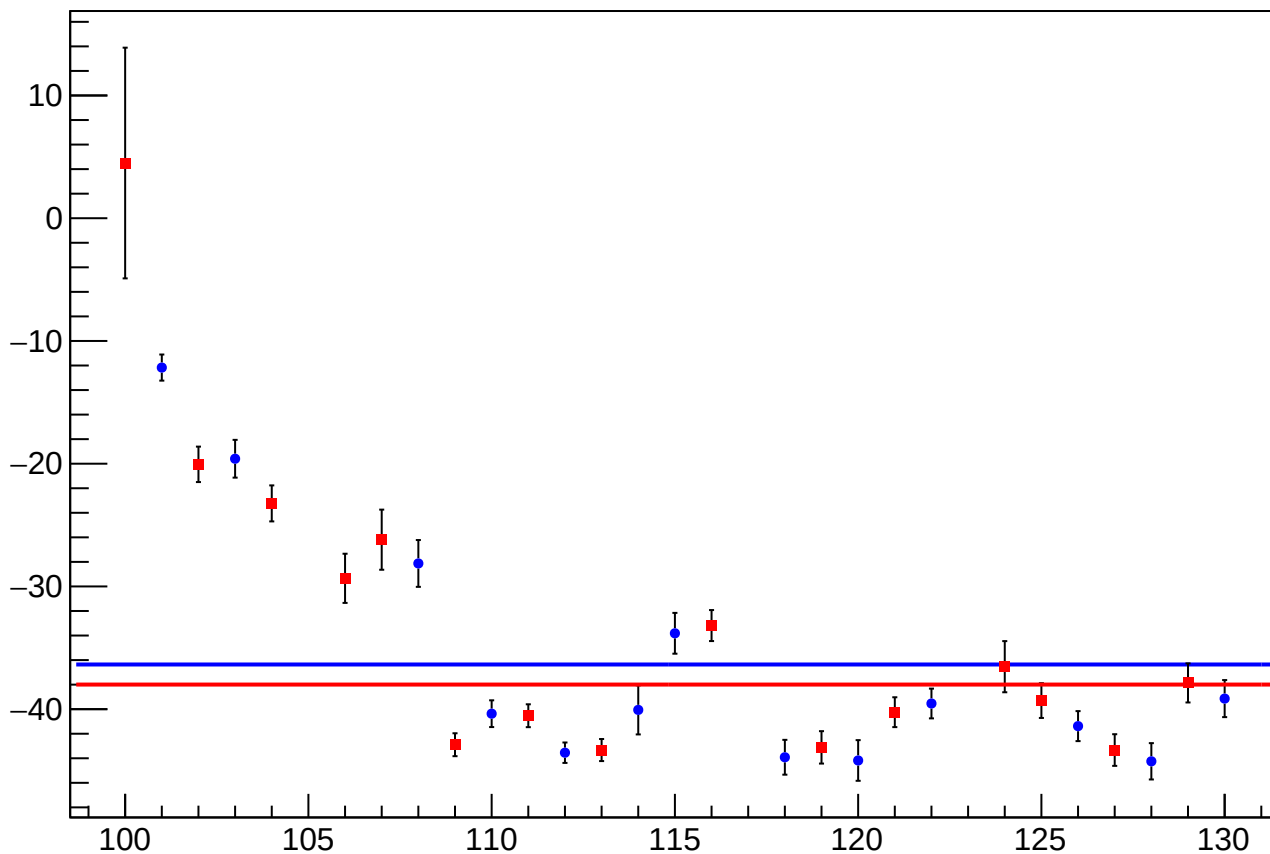
Right: -18.625+/-0.013 χ^2/NDF : 238641.3/26

In: -19.651+/-0.020 χ^2/NDF : 14146.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.625+/-0.013 χ^2/NDF : 238641.3/26

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -36.359+/-0.363 χ^2/NDF : 854.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -37.995+/-0.343 χ^2/NDF : 439.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

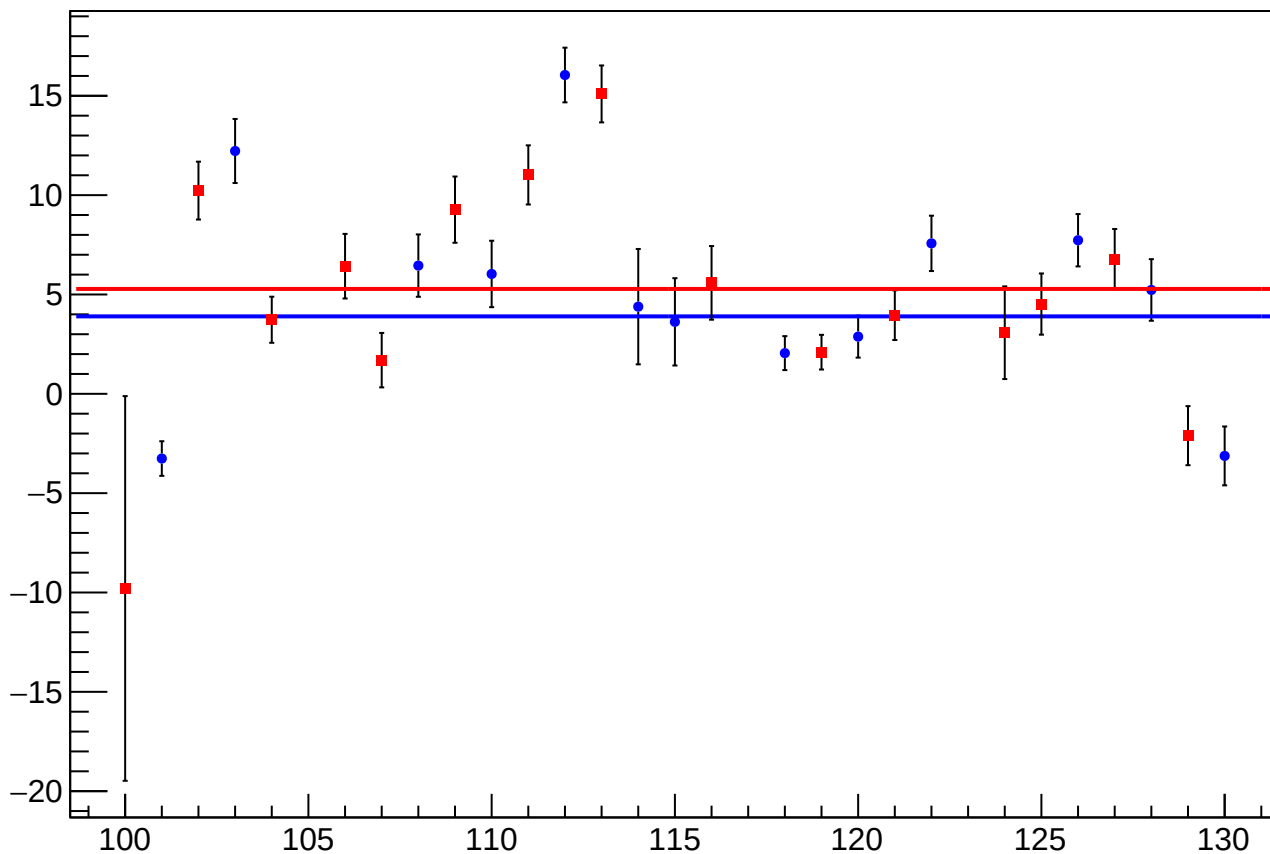
Right: -37.224+/-0.249 χ^2/NDF : 1304.9/27

In: -36.359+/-0.363 χ^2/NDF : 854.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.224+/-0.249 χ^2/NDF : 1304.9/27

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.898 $\pm$ 0.364 χ^2 /NDF: 220.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5.279 $\pm$ 0.373 χ^2 /NDF: 131.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

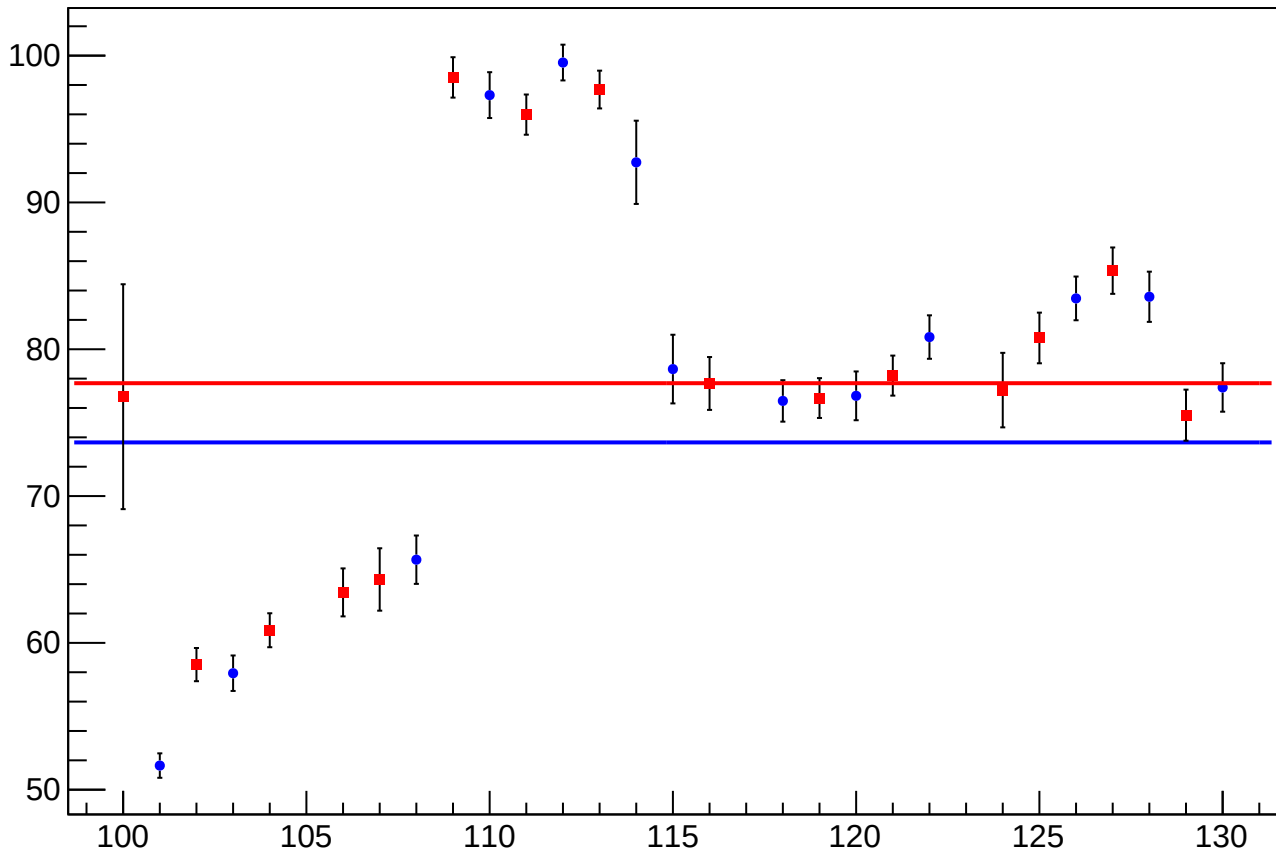
Right: 4.571 $\pm$ 0.261 χ^2 /NDF: 359.6/27

In: 3.898 $\pm$ 0.364 χ^2 /NDF:220.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4.571 $\pm$ 0.261 χ^2 /NDF: 359.6/27

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 73.654+/-0.396 χ^2/NDF : 1735.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.688+/-0.395 χ^2/NDF : 1292.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

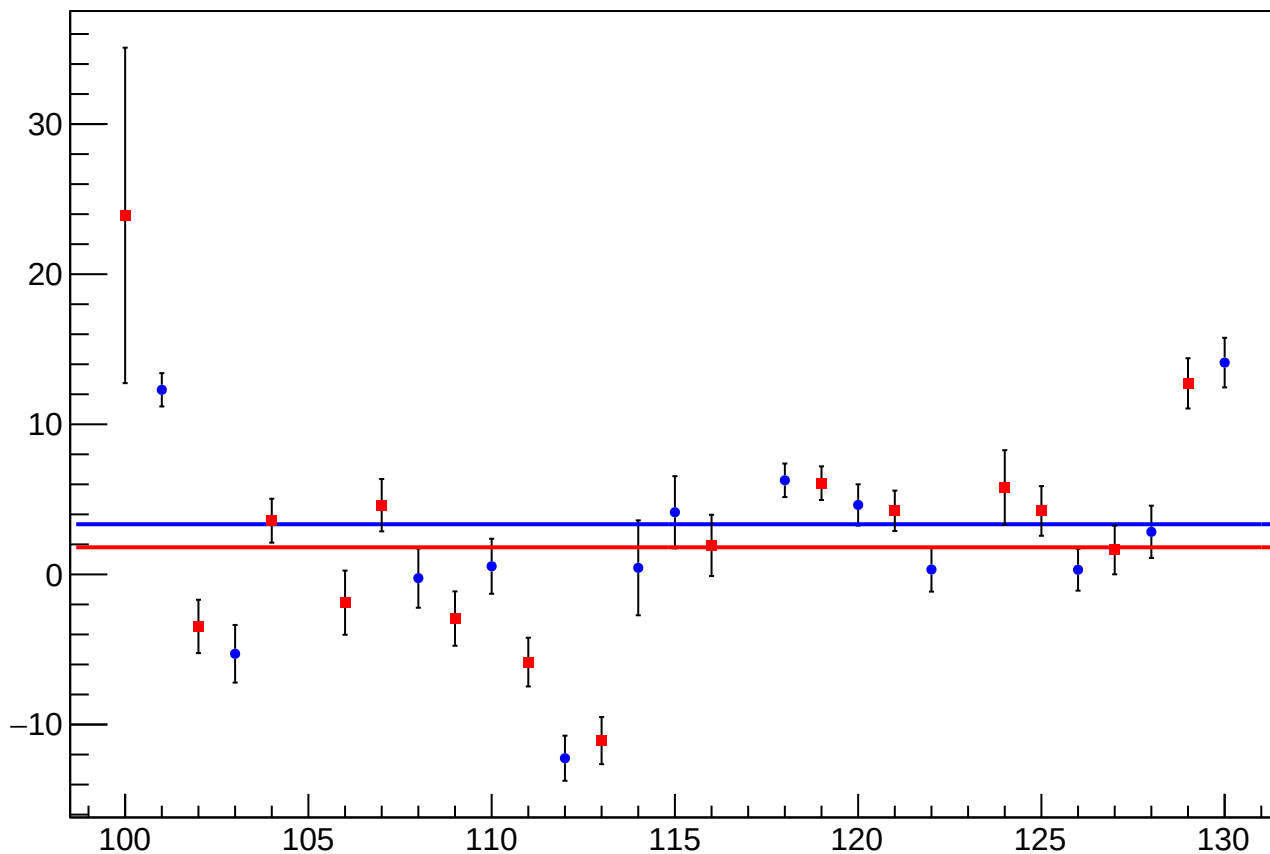
Right: 75.679+/-0.280 χ^2/NDF : 3080.3/27

In: 73.654+/-0.396 χ^2/NDF : 1735.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.679+/-0.280 χ^2/NDF : 3080.3/27

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.343 $\pm$ 0.432 χ^2/NDF : 258.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Right Out: 1.806 $\pm$ 0.435 χ^2/NDF : 181.3/14

Left In: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

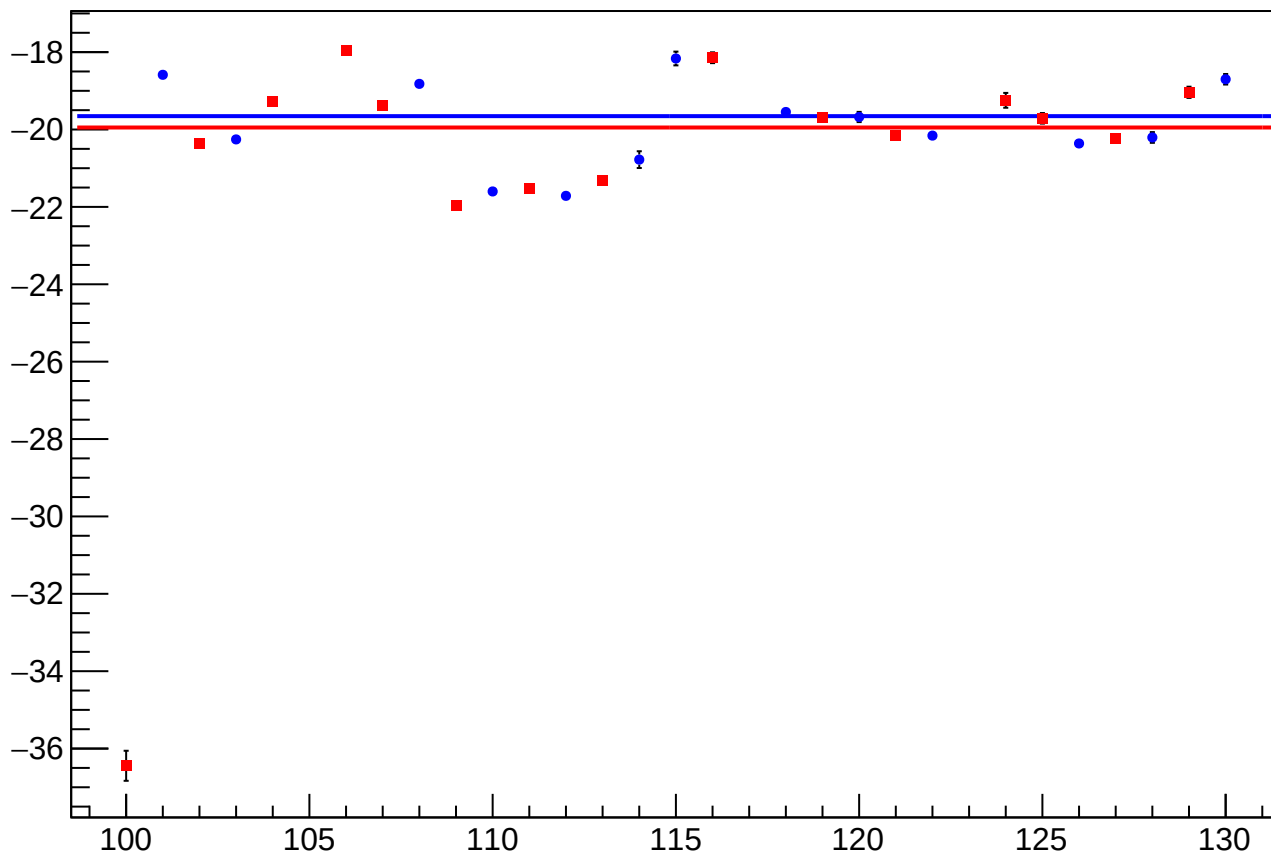
Right: 2.579 $\pm$ 0.307 χ^2/NDF : 446.2/27

In: 3.343 $\pm$ 0.432 χ^2/NDF :258.6/12

Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

All: 2.579 $\pm$ 0.307 χ^2/NDF : 446.2/27

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.654 ± 0.025 $\chi^2/\text{NDF}: 1670.2/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -19.948 ± 0.024 $\chi^2/\text{NDF}: 3825.1/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

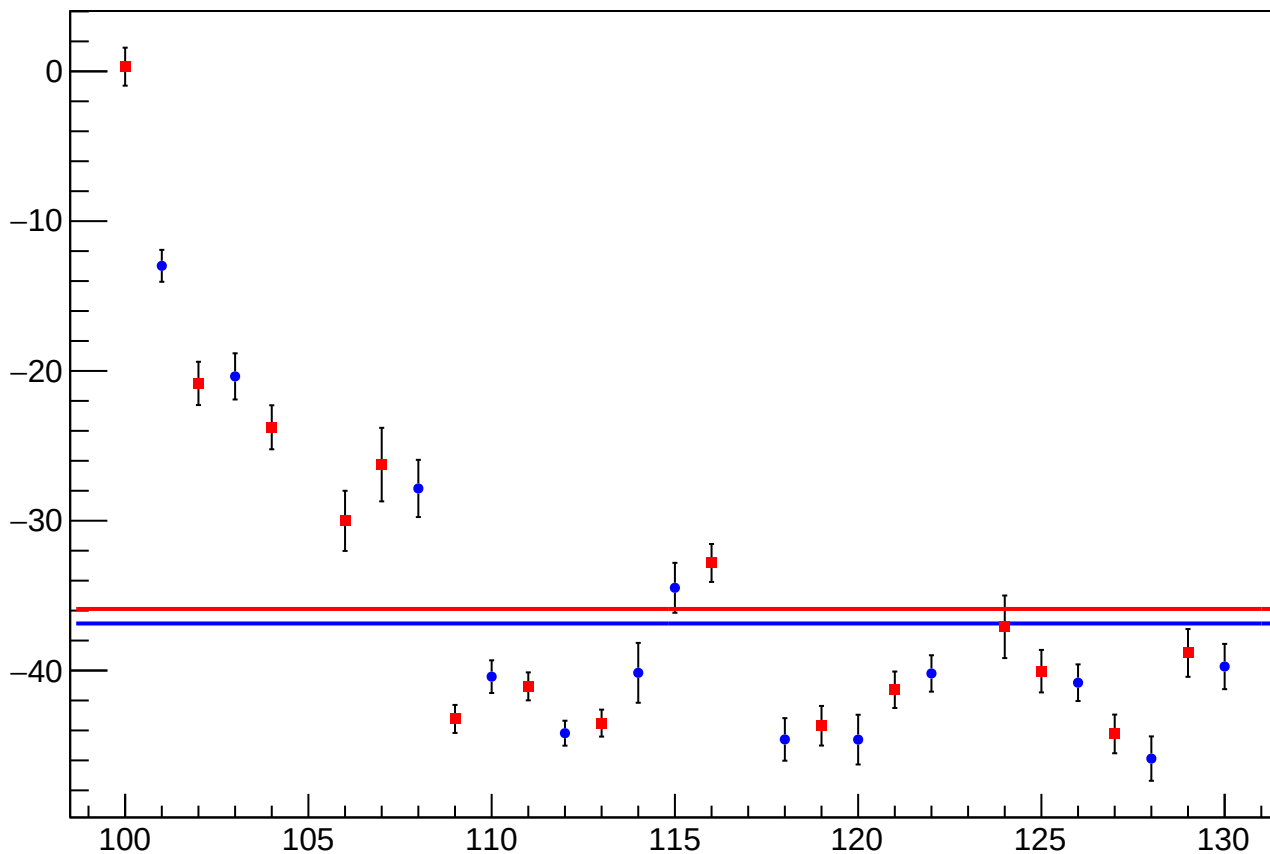
Right: -19.806 ± 0.017 $\chi^2/\text{NDF}: 5568.2/27$

In: -19.654 ± 0.025 $\chi^2/\text{NDF}: 1670.2/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -19.806 ± 0.017 $\chi^2/\text{NDF}: 5568.2/27$

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -36.860+/-0.364 χ^2/NDF : 841.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -35.889+/-0.332 χ^2/NDF : 1294.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

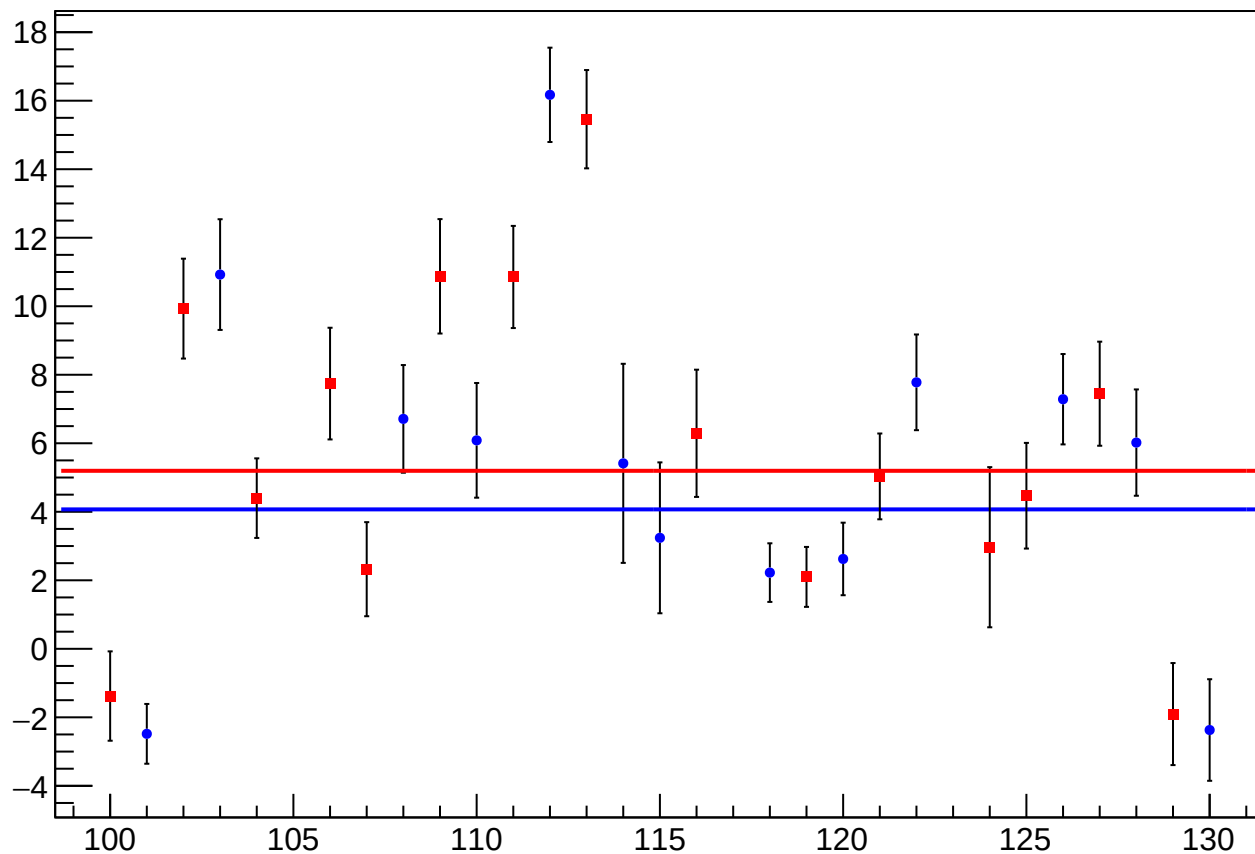
Right: -36.330+/-0.245 χ^2/NDF : 2139.9/27

In: -36.860+/-0.364 χ^2/NDF : 841.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.330+/-0.245 χ^2/NDF : 2139.9/27

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.070 $\pm$ 0.365 χ^2 /NDF: 196.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5.196 $\pm$ 0.360 χ^2 /NDF: 159.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

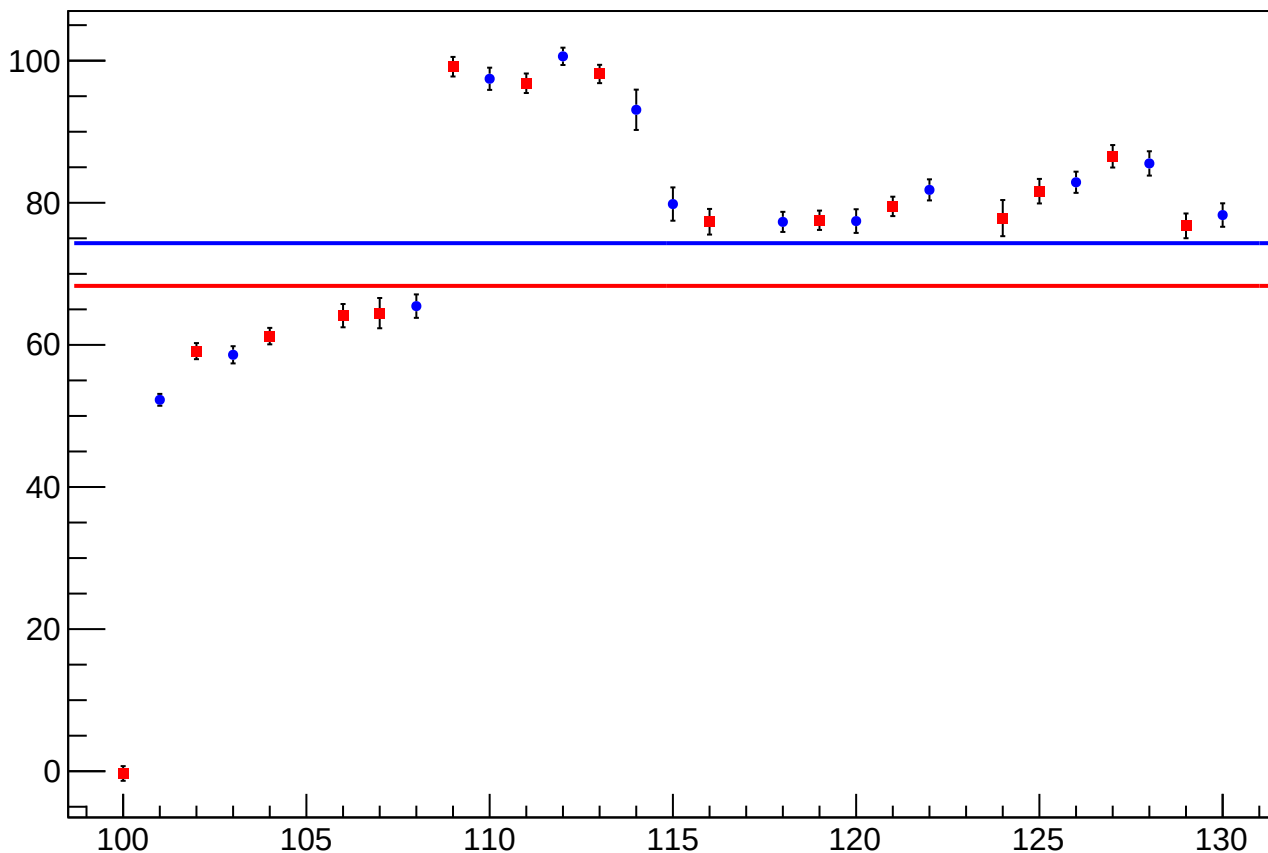
Right: 4.640 $\pm$ 0.256 χ^2 /NDF: 360.3/27

In: 4.070 $\pm$ 0.365 χ^2 /NDF:196.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4.640 $\pm$ 0.256 χ^2 /NDF: 360.3/27

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.316+/-0.397 χ^2/NDF : 1744.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.305+/-0.370 χ^2/NDF : 6360.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

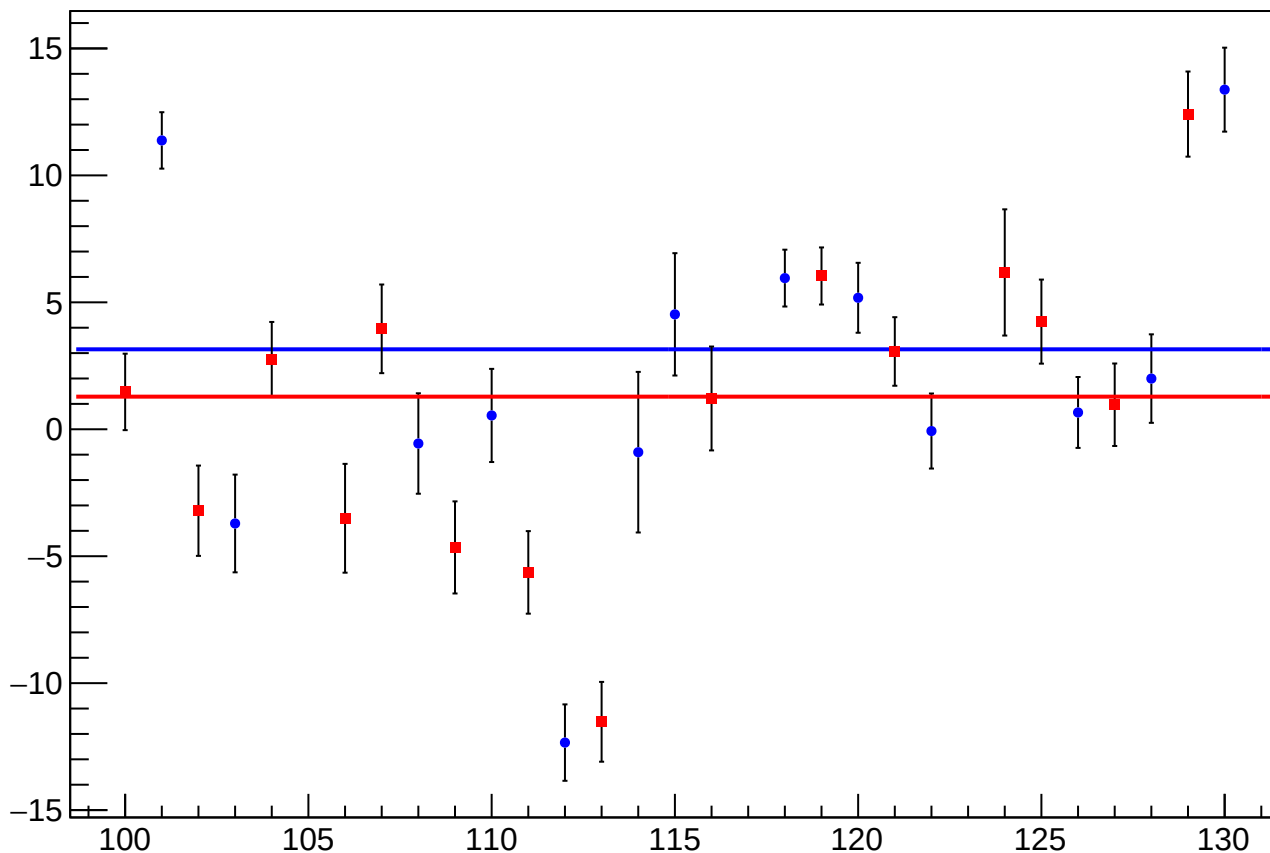
Right: 71.097+/-0.271 χ^2/NDF : 8228.2/27

In: 74.316+/-0.397 χ^2/NDF : 1744.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.097+/-0.271 χ^2/NDF : 8228.2/27

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.149+/-0.433 χ^2/NDF : 236.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.285+/-0.419 χ^2/NDF : 180.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

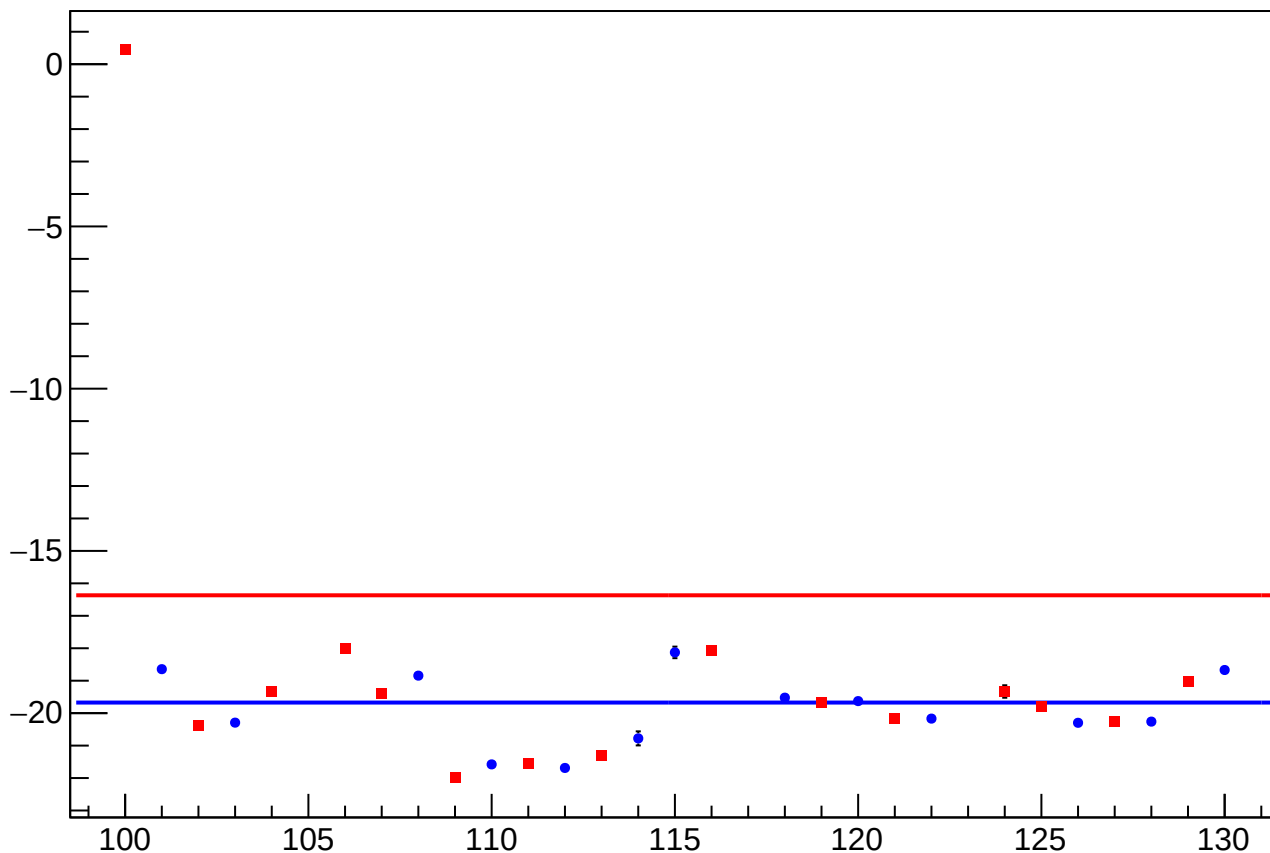
Right: 2.187+/-0.301 χ^2/NDF : 426.4/27

In: 3.149+/-0.433 χ^2/NDF : 236.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.187+/-0.301 χ^2/NDF : 426.4/27

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.674+/-0.025 χ^2/NDF : 1613.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.368+/-0.022 χ^2/NDF : 127153.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

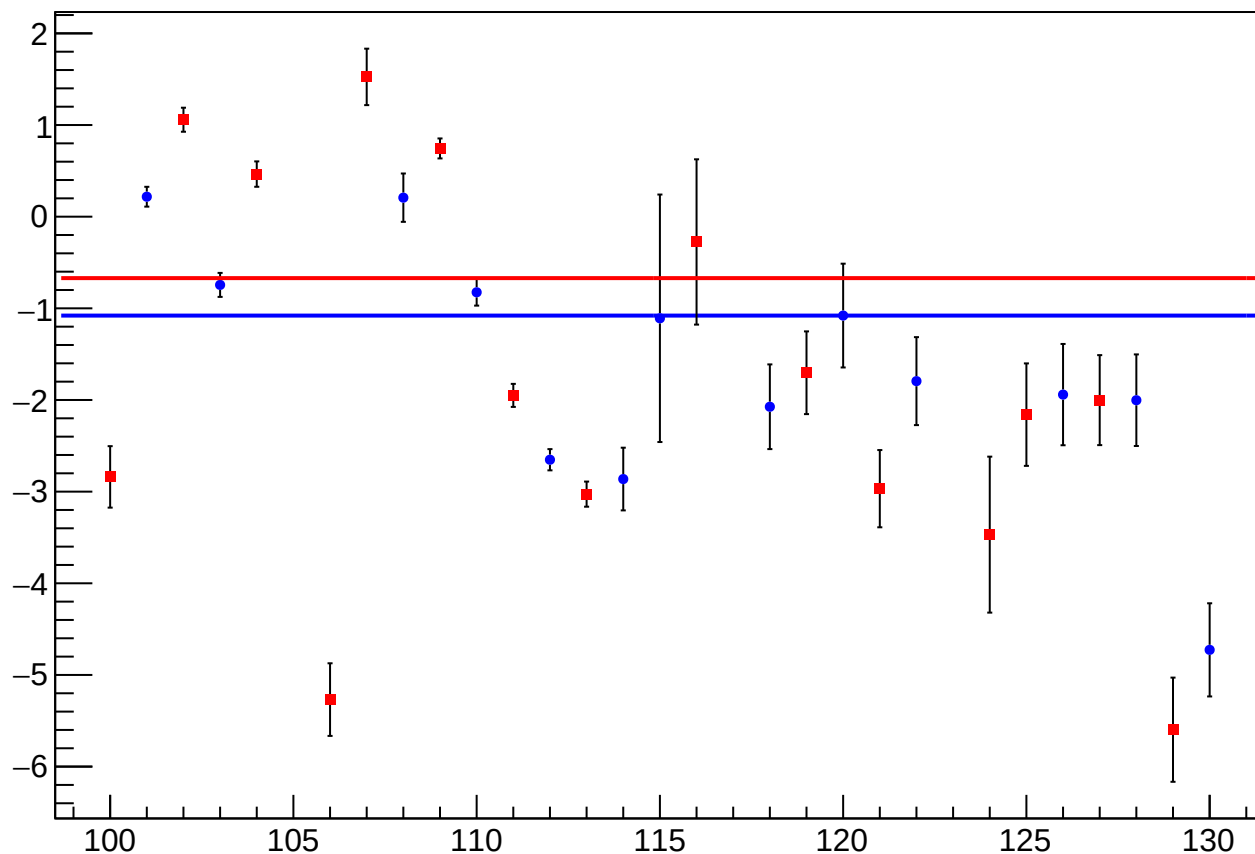
Right: -17.815+/-0.016 χ^2/NDF : 138809.0/27

In: -19.674+/-0.025 χ^2/NDF : 1613.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.815+/-0.016 χ^2/NDF : 138809.0/27

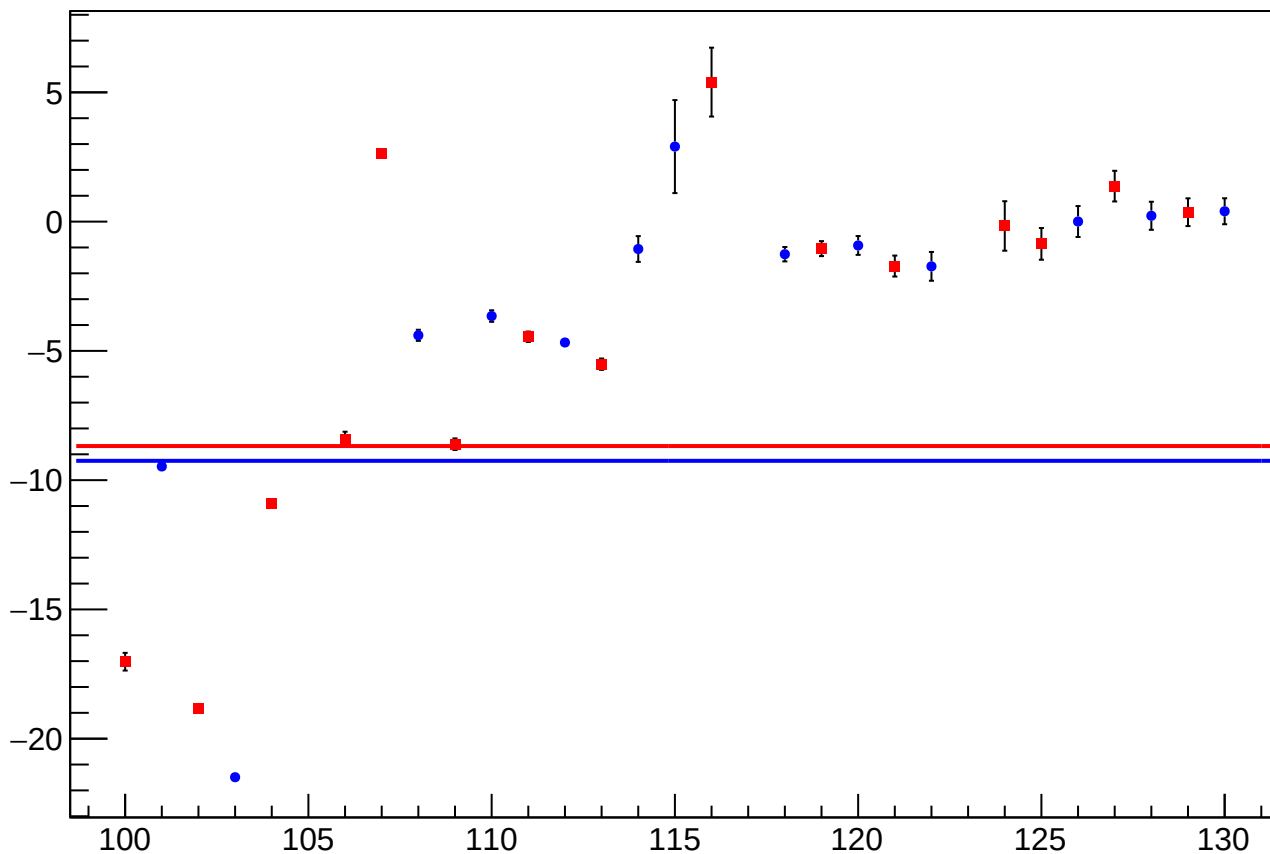
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.079 ± 0.057 $\chi^2/\text{NDF}: 453.0/12$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -0.670 ± 0.053 $\chi^2/\text{NDF}: 1171.8/14$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right: -0.860 ± 0.039 $\chi^2/\text{NDF}: 1652.8/27$
 In: -1.079 ± 0.057 $\chi^2/\text{NDF}: 453.0/12$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -0.860 ± 0.039 $\chi^2/\text{NDF}: 1652.8/27$

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -9.252 ± 0.059 $\chi^2/\text{NDF}: 12247.5/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -8.681 ± 0.060 $\chi^2/\text{NDF}: 13237.1/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

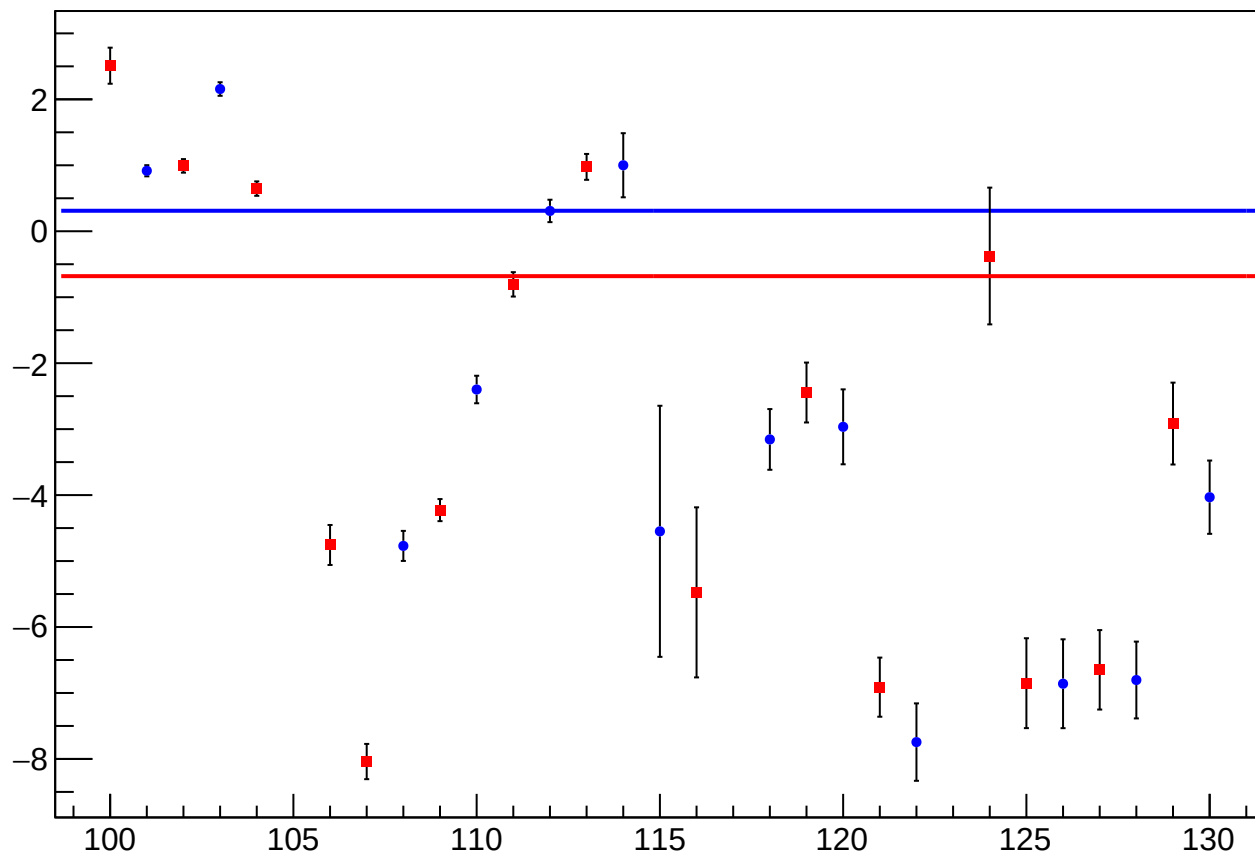
Right: -8.973 ± 0.042 $\chi^2/\text{NDF}: 25530.2/27$

In: -9.252 ± 0.059 $\chi^2/\text{NDF}: 12247.5/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -8.973 ± 0.042 $\chi^2/\text{NDF}: 25530.2/27$

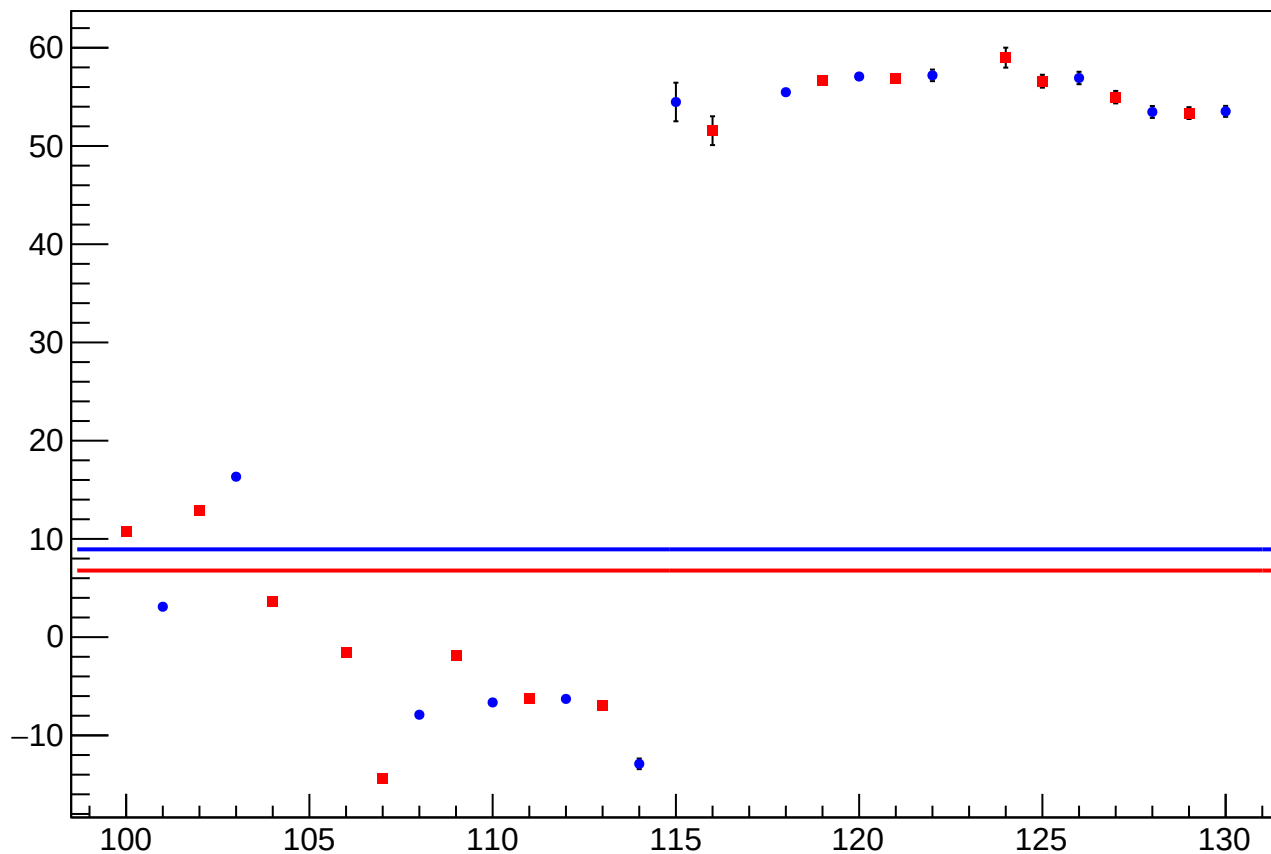
reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.311+/-0.055 χ^2/NDF : 1651.2/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.681+/-0.055 χ^2/NDF : 2423.7/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.179+/-0.039 χ^2/NDF : 4237.4/27
 In: 0.311+/-0.055 χ^2/NDF : 1651.2/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.179+/-0.039 χ^2/NDF : 4237.4/27

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.937+/-0.071 χ^2/NDF : 71034.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.780+/-0.072 χ^2/NDF : 71364.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

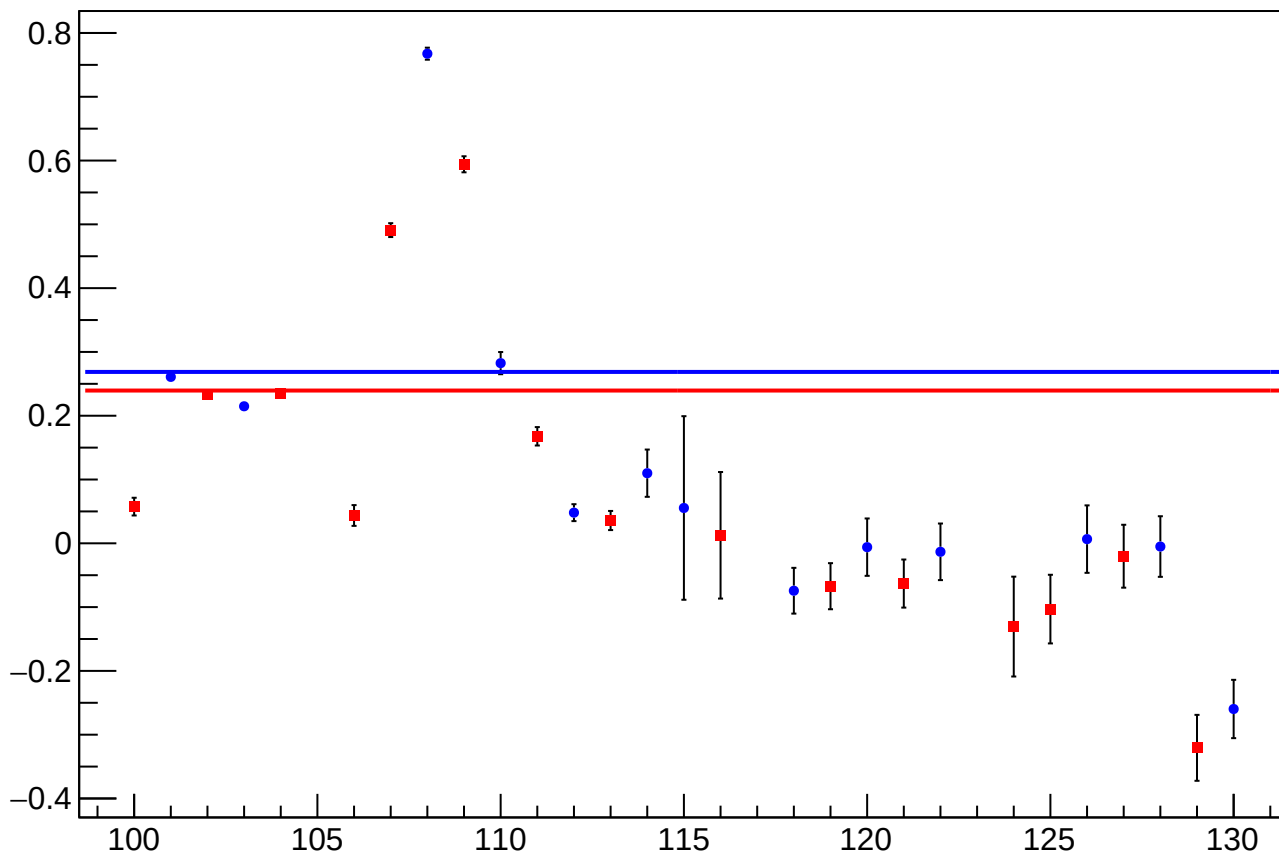
Right: 7.865+/-0.051 χ^2/NDF : 142853.4/27

In: 8.937+/-0.071 χ^2/NDF : 71034.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.865+/-0.051 χ^2/NDF : 142853.4/27

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.269 ± 0.003 χ^2/NDF : 3618.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.239 ± 0.003 χ^2/NDF : 2209.5/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

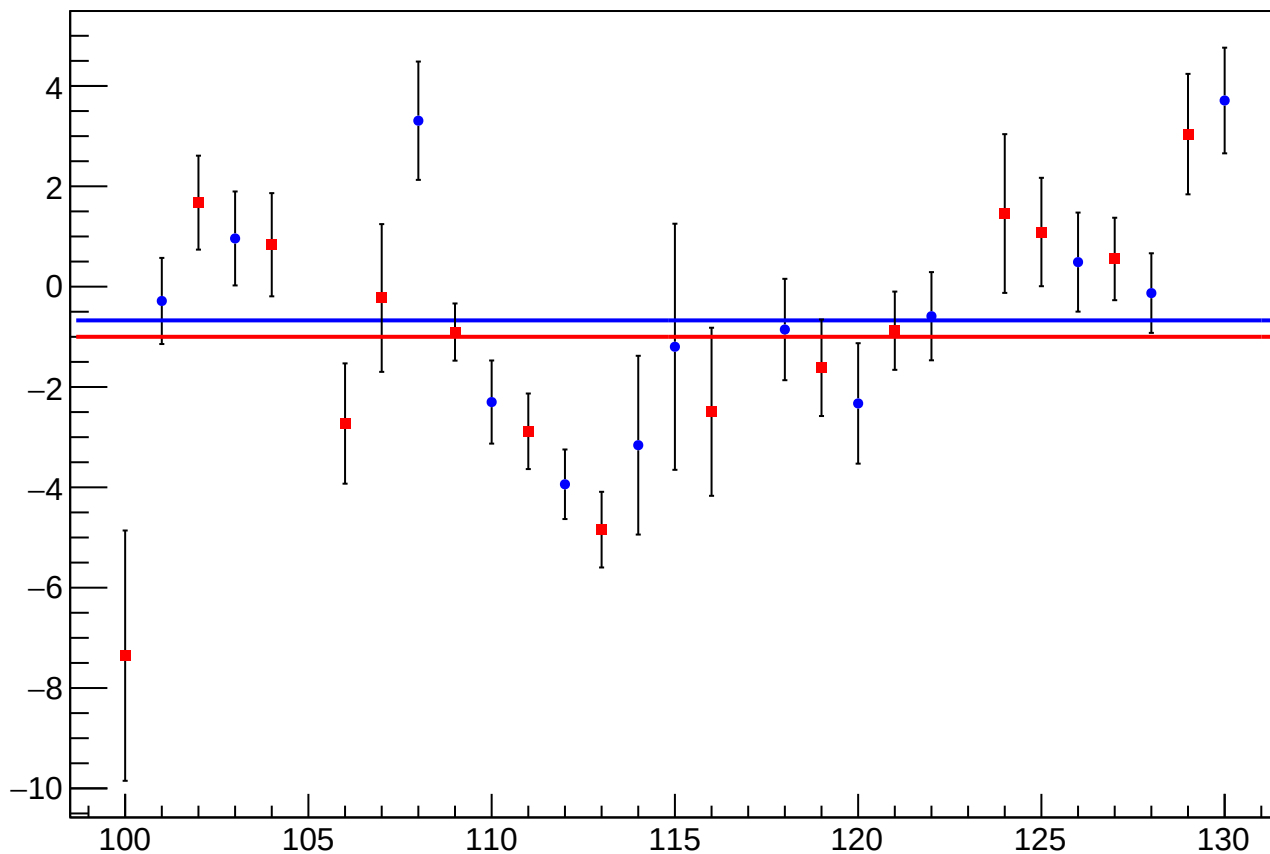
Right: 0.254 ± 0.002 χ^2/NDF : 5879.7/27

In: 0.269 ± 0.003 χ^2/NDF : 3618.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.254 ± 0.002 χ^2/NDF : 5879.7/27

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.673 ± 0.270 χ^2/NDF : 63.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.000 ± 0.246 χ^2/NDF : 74.7/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

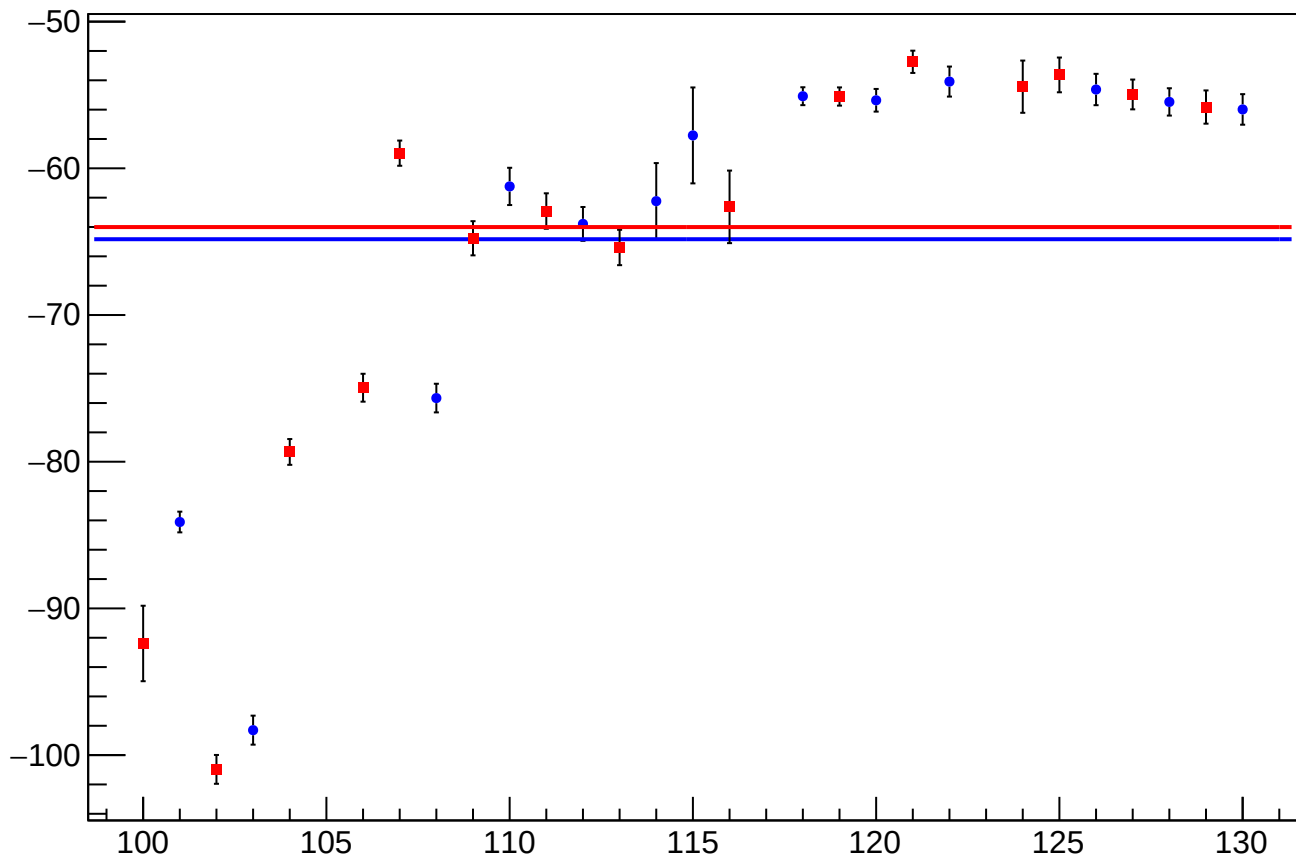
Right: -0.851 ± 0.182 χ^2/NDF : 139.3/27

In: -0.673 ± 0.270 χ^2/NDF : 63.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.851 ± 0.182 χ^2/NDF : 139.3/27

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -64.833+/-0.268 χ^2/NDF : 2808.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -64.004+/-0.264 χ^2/NDF : 2672.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

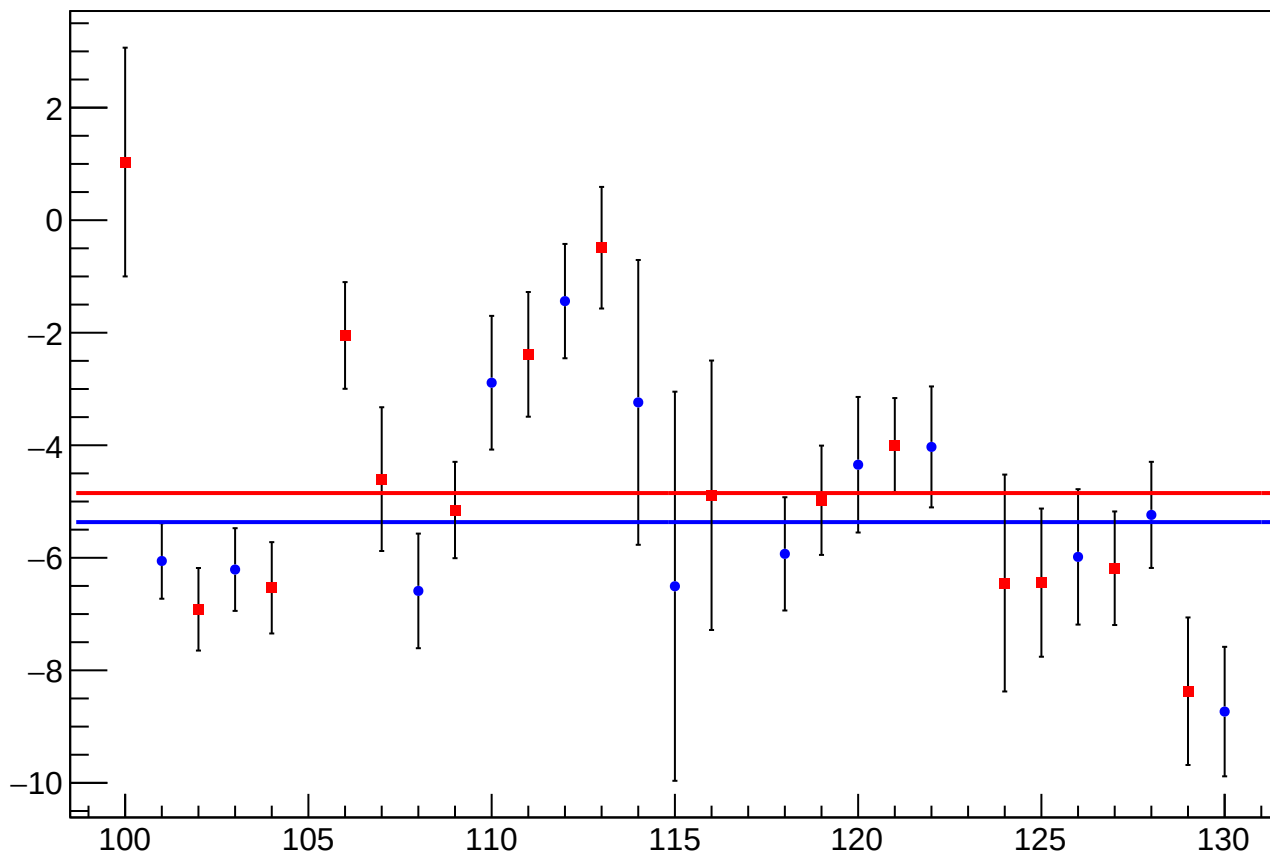
Right: -64.413+/-0.188 χ^2/NDF : 5486.0/27

In: -64.833+/-0.268 χ^2/NDF :2808.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -64.413+/-0.188 χ^2/NDF : 5486.0/27

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.366+/-0.288 χ^2/NDF : 35.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.849+/-0.273 χ^2/NDF : 62.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

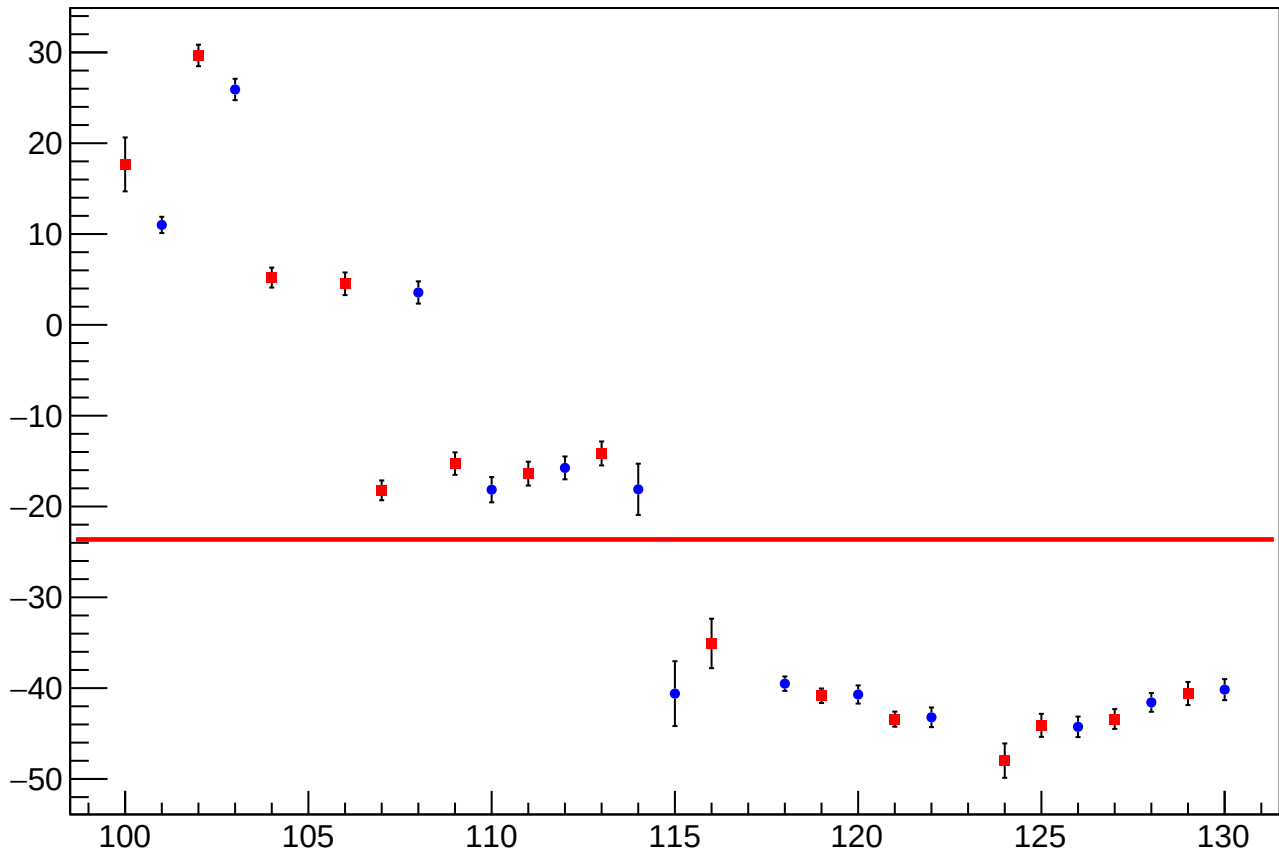
Right: -5.093+/-0.198 χ^2/NDF : 99.9/27

In: -5.366+/-0.288 χ^2/NDF : 35.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.093+/-0.198 χ^2/NDF : 99.9/27

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -23.641 ± 0.318 $\chi^2/\text{NDF}: 5691.6/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -23.605 ± 0.309 $\chi^2/\text{NDF}: 5547.4/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

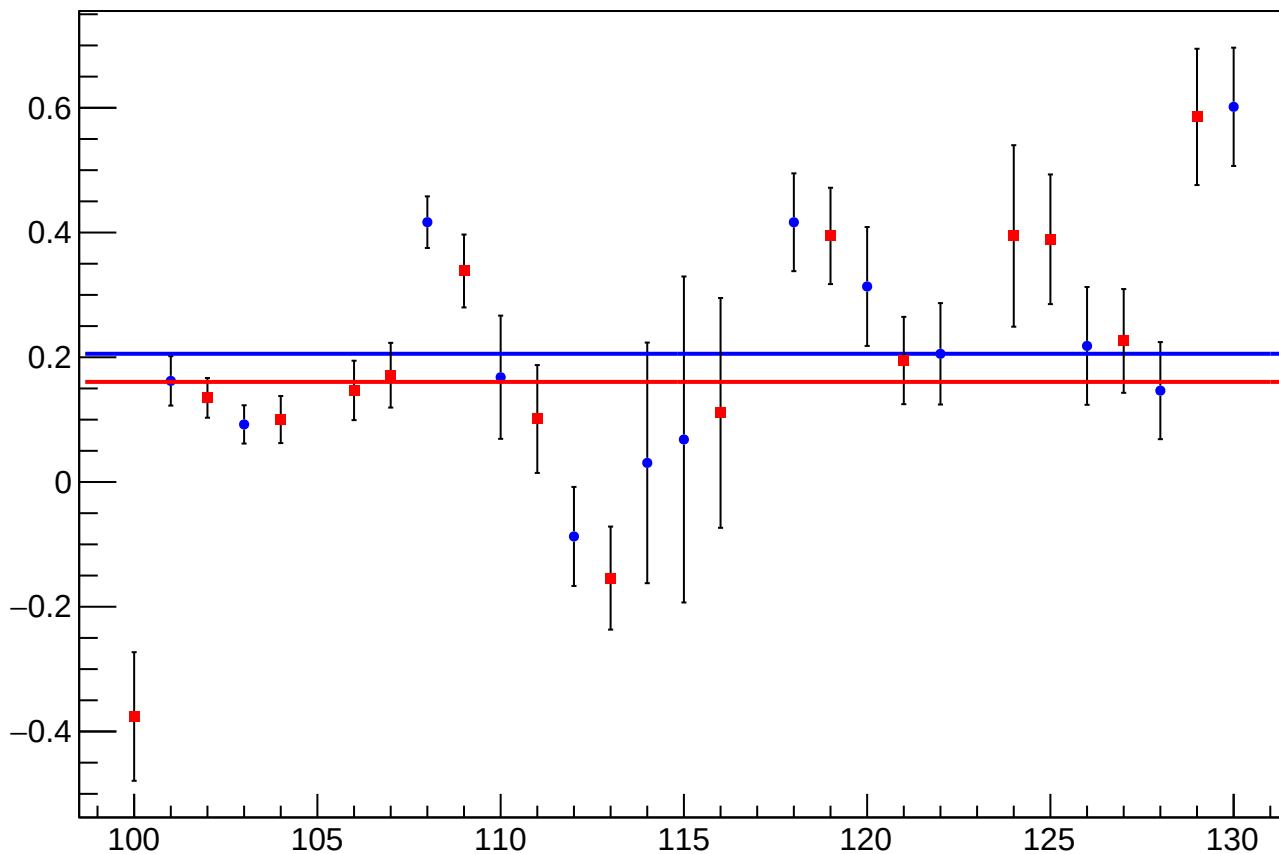
Right: -23.623 ± 0.222 $\chi^2/\text{NDF}: 11239.0/27$

In: -23.641 ± 0.318 $\chi^2/\text{NDF}: 5691.6/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -23.623 ± 0.222 $\chi^2/\text{NDF}: 11239.0/27$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.206 $\pm$ 0.017 χ^2 /NDF: 82.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.160 $\pm$ 0.016 χ^2 /NDF: 87.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

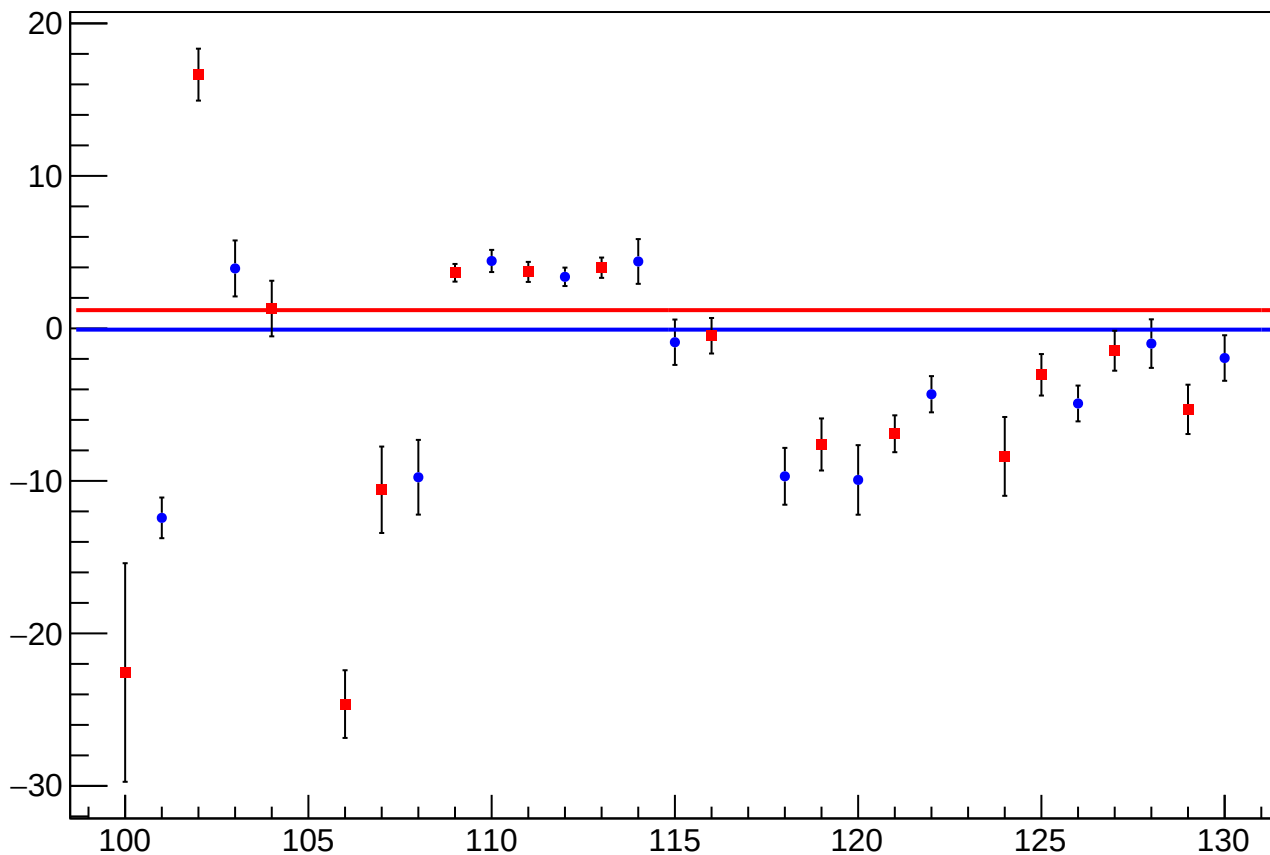
Right: 0.181 $\pm$ 0.012 χ^2 /NDF: 173.2/27

In: 0.206 $\pm$ 0.017 χ^2 /NDF:82.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.181 $\pm$ 0.012 χ^2 /NDF: 173.2/27

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.081 ± 0.327 χ^2/NDF : 263.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.197 ± 0.289 χ^2/NDF : 413.4/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

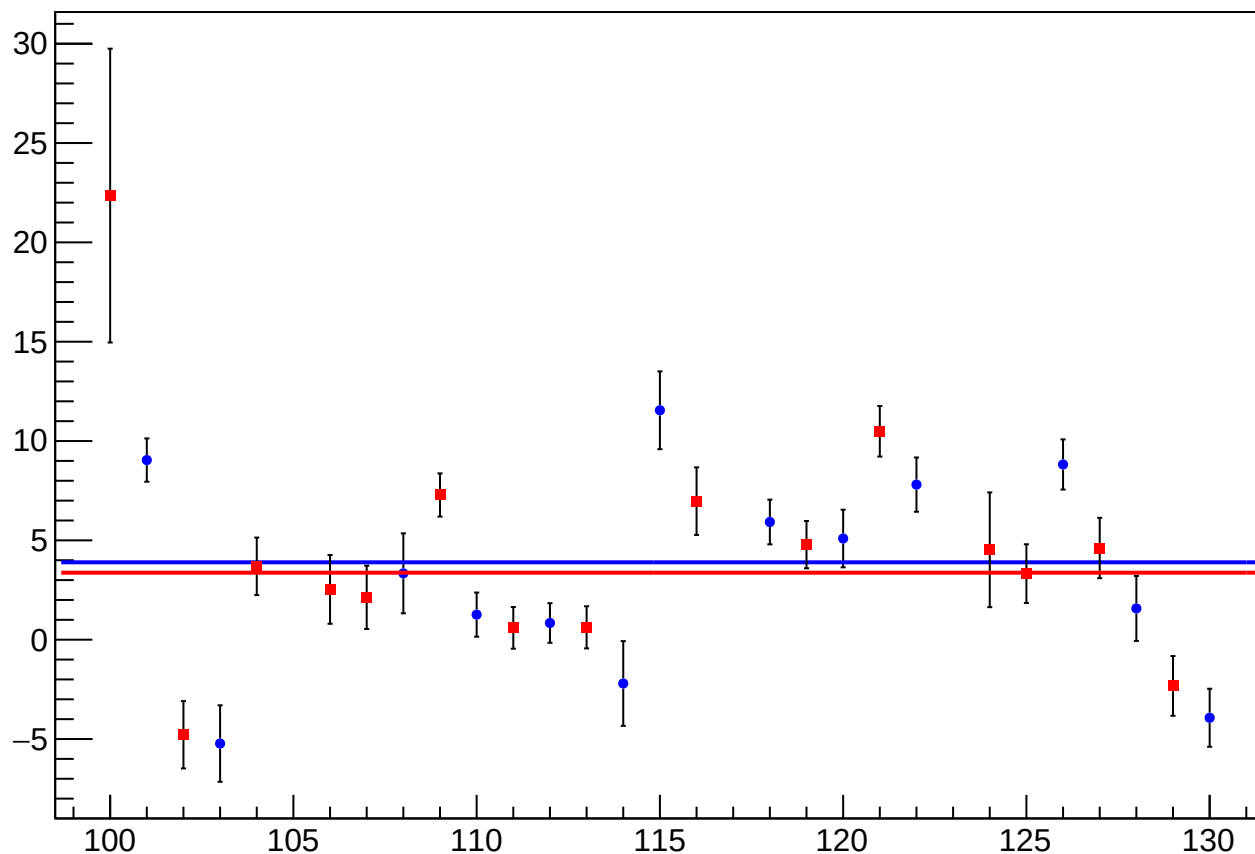
Right: 0.636 ± 0.217 χ^2/NDF : 685.8/27

In: -0.081 ± 0.327 χ^2/NDF : 263.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.636 ± 0.217 χ^2/NDF : 685.8/27

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.896+/-0.380 χ^2/NDF : 141.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.373+/-0.369 χ^2/NDF : 109.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

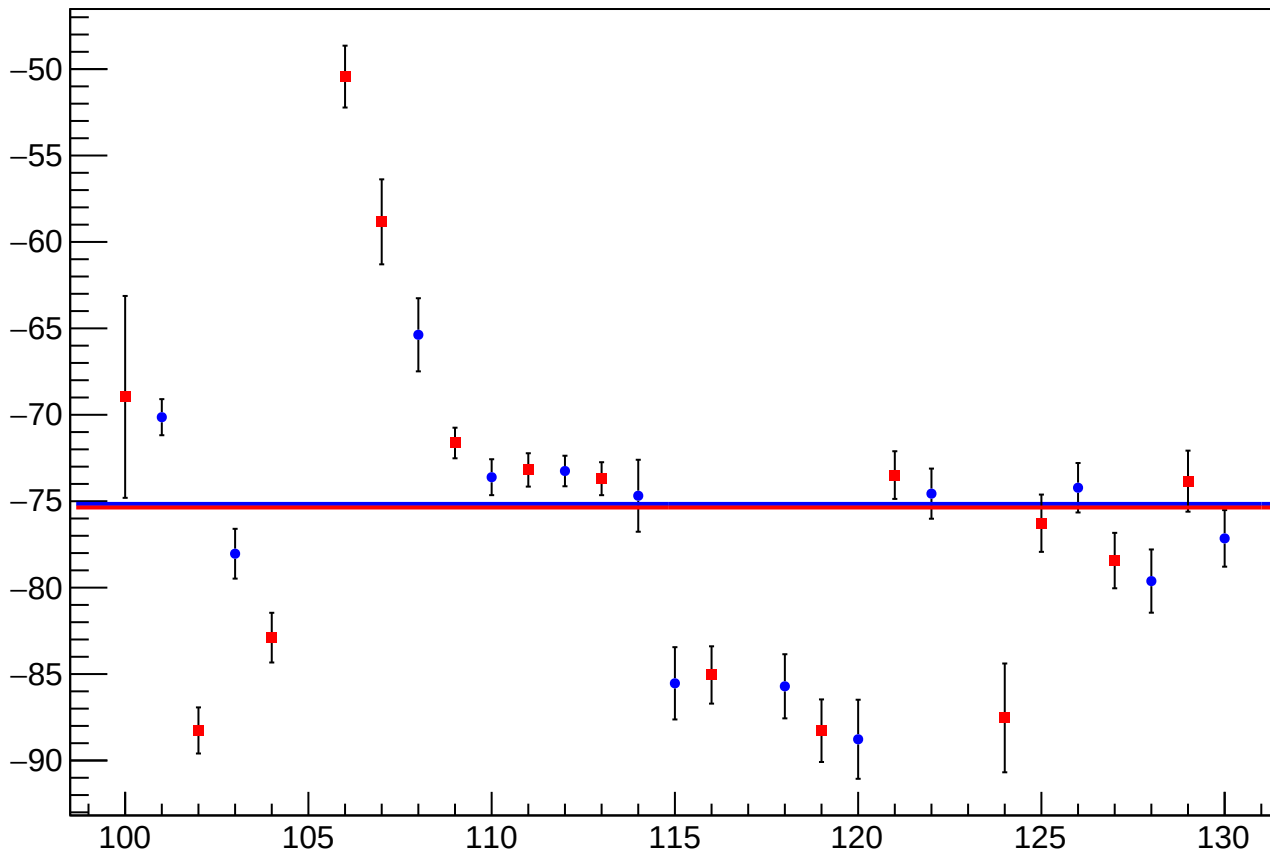
Right: 3.627+/-0.265 χ^2/NDF : 252.0/27

In: 3.896+/-0.380 χ^2/NDF : 141.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.627+/-0.265 χ^2/NDF : 252.0/27

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -75.156+/-0.395 χ^2/NDF : 155.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -75.364+/-0.368 χ^2/NDF : 493.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

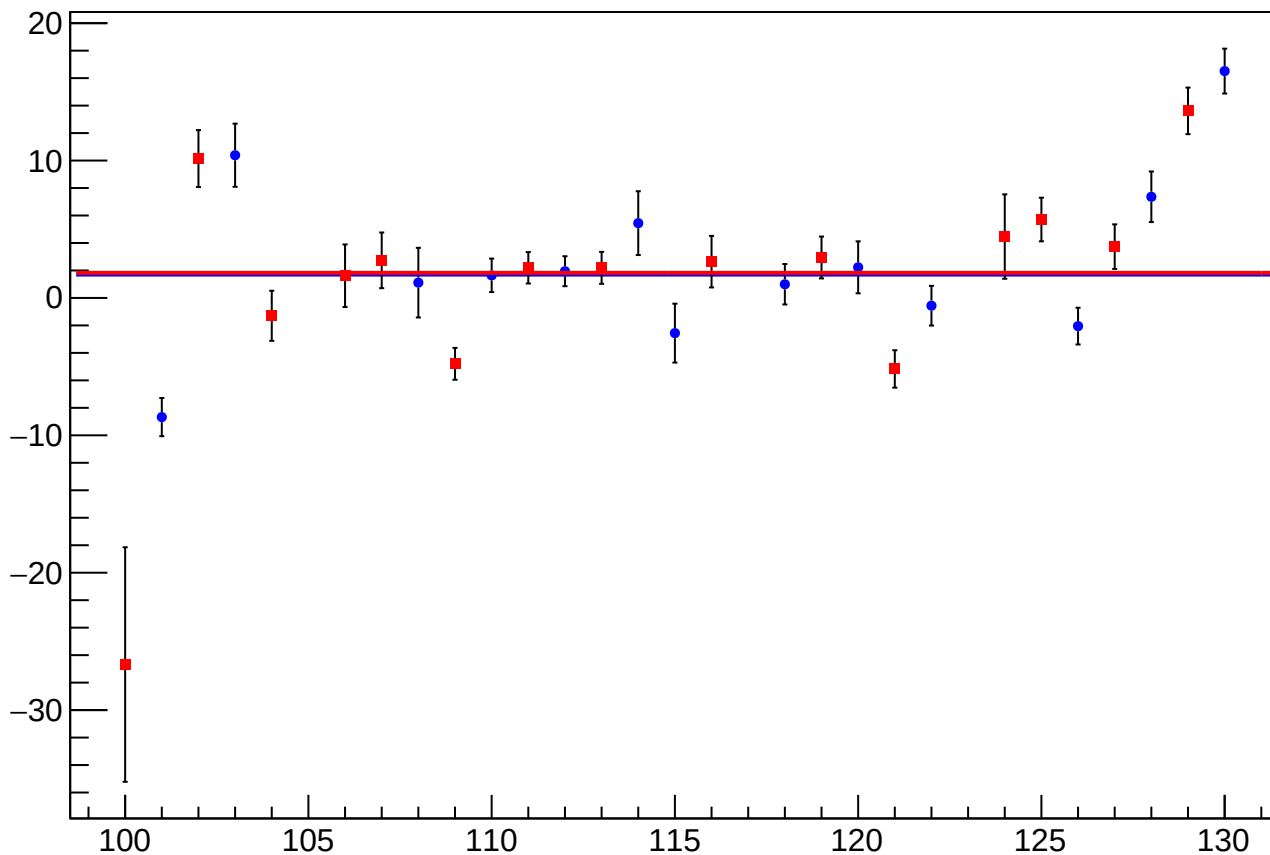
Right: -75.267+/-0.269 χ^2/NDF : 649.9/27

In: -75.156+/-0.395 χ^2/NDF : 155.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -75.267+/-0.269 χ^2/NDF : 649.9/27

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.701+/-0.437 χ^2/NDF : 179.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.826+/-0.418 χ^2/NDF : 146.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

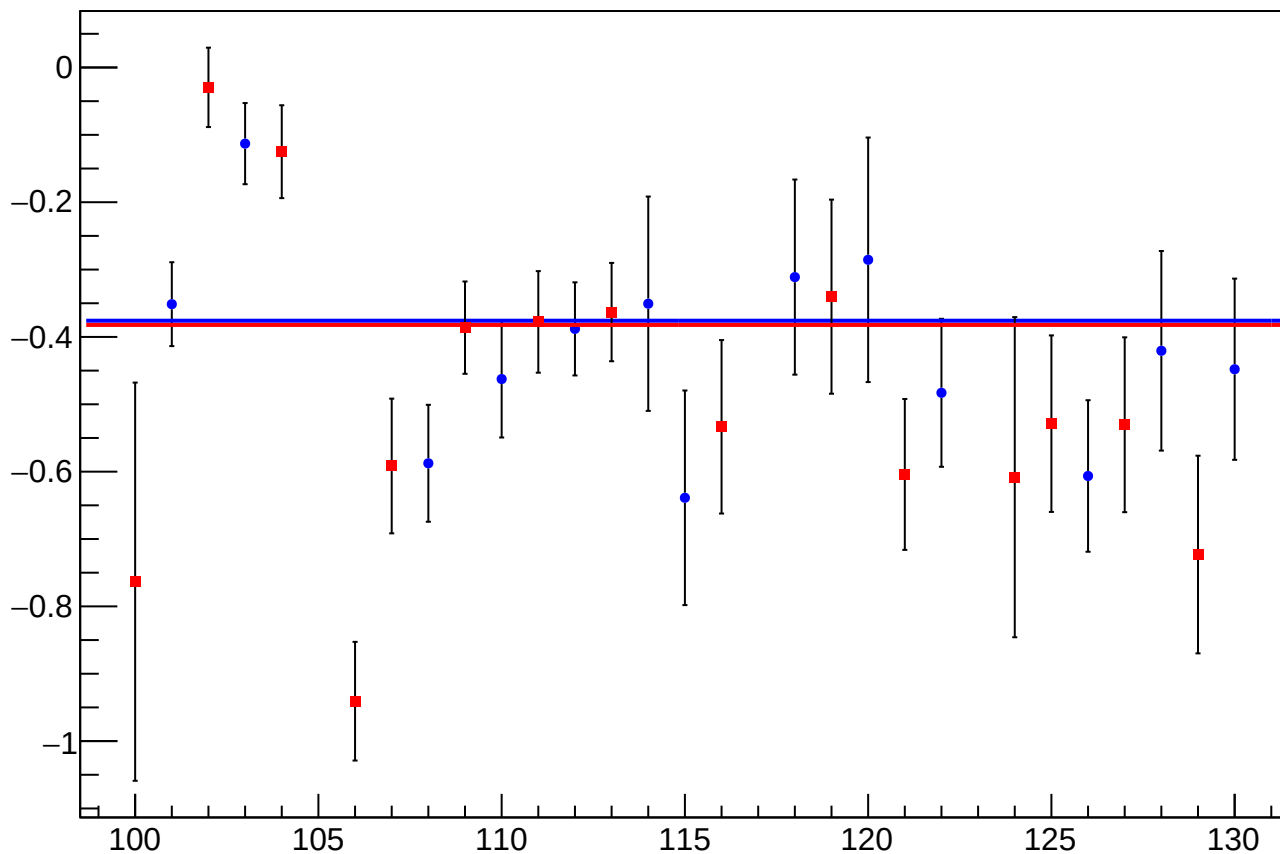
Right: 1.767+/-0.302 χ^2/NDF : 325.9/27

In: 1.701+/-0.437 χ^2/NDF : 179.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.767+/-0.302 χ^2/NDF : 325.9/27

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.376 ± 0.026 χ^2/NDF : 34.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.382 ± 0.024 χ^2/NDF : 110.3/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

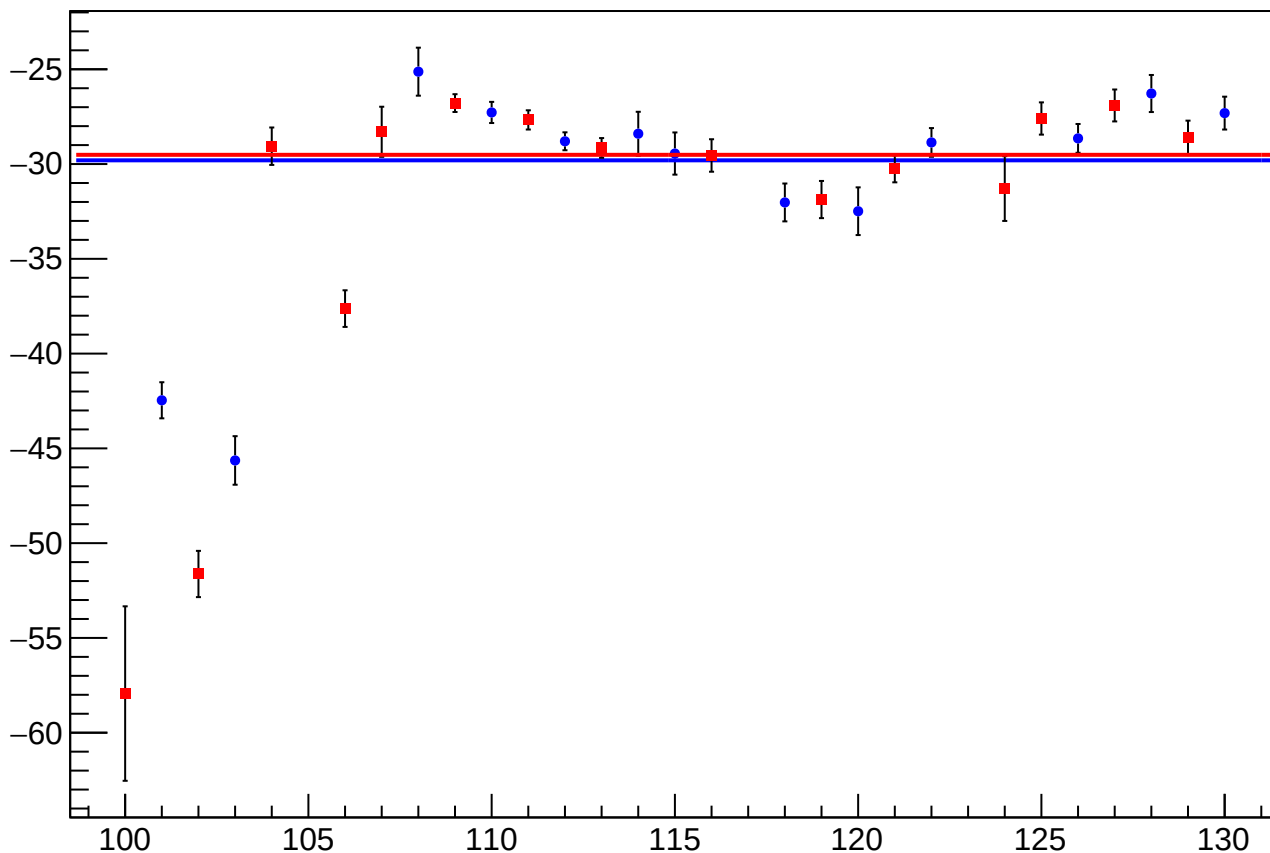
Right: -0.379 ± 0.018 χ^2/NDF : 145.2/27

In: -0.376 ± 0.026 χ^2/NDF : 34.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.379 ± 0.018 χ^2/NDF : 145.2/27

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -29.804 ± 0.229 χ^2/NDF : 404.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -29.513 ± 0.203 χ^2/NDF : 509.2/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

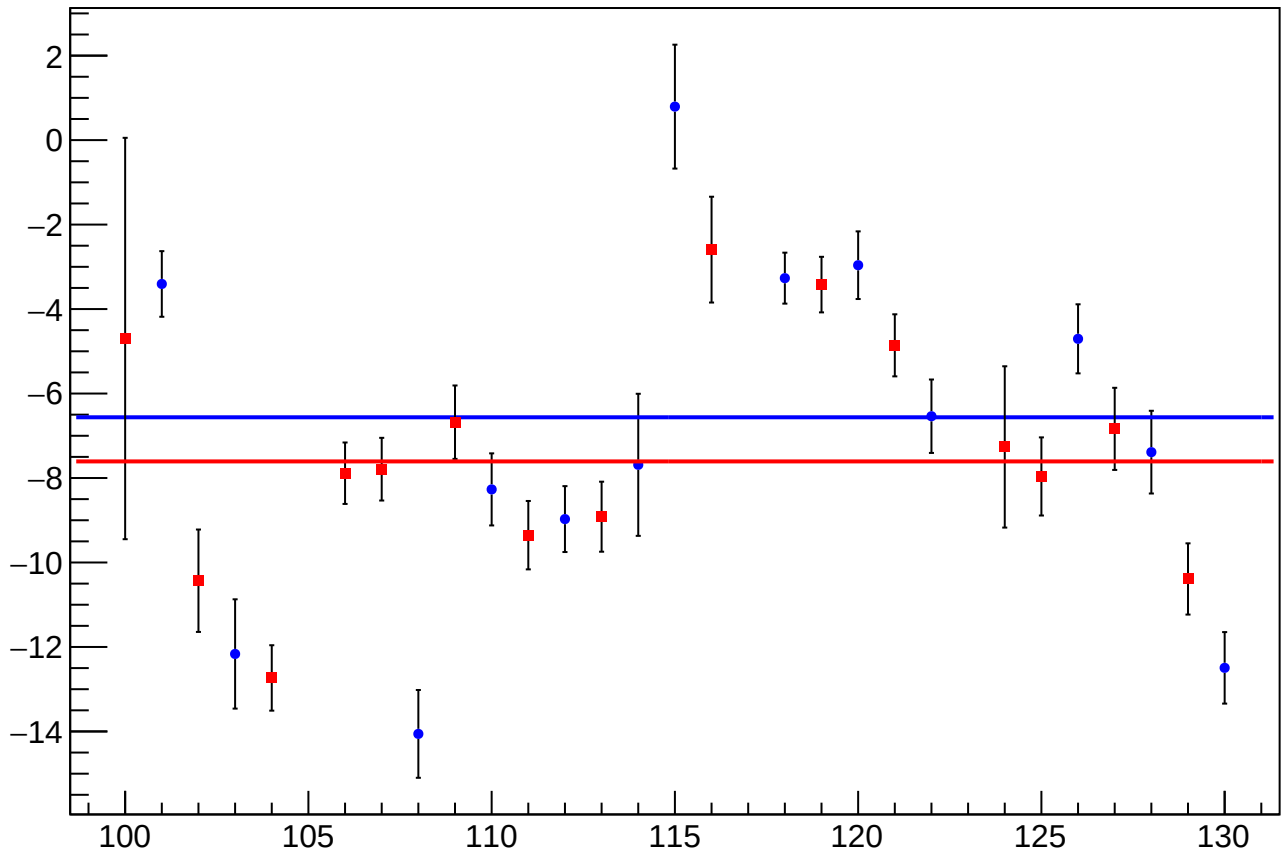
Right: -29.641 ± 0.152 χ^2/NDF : 914.5/27

In: -29.804 ± 0.229 χ^2/NDF : 404.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -29.641 ± 0.152 χ^2/NDF : 914.5/27

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.562 ± 0.246 χ^2/NDF : 231.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.607 ± 0.229 χ^2/NDF : 140.3/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

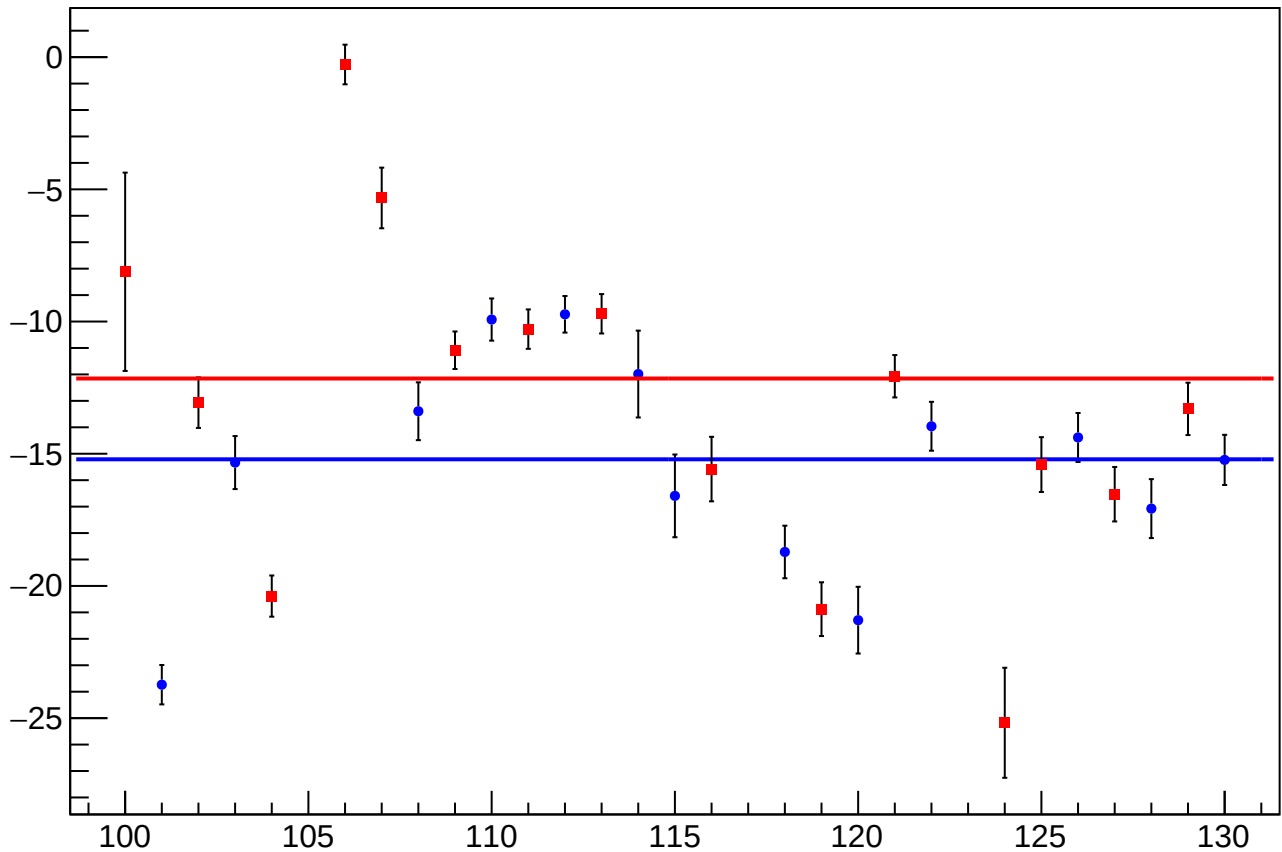
Right: -7.122 ± 0.167 χ^2/NDF : 381.4/27

In: -6.562 ± 0.246 χ^2/NDF : 231.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.122 ± 0.167 χ^2/NDF : 381.4/27

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -15.211 ± 0.268 χ^2/NDF : 286.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -12.155 ± 0.241 χ^2/NDF : 569.4/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

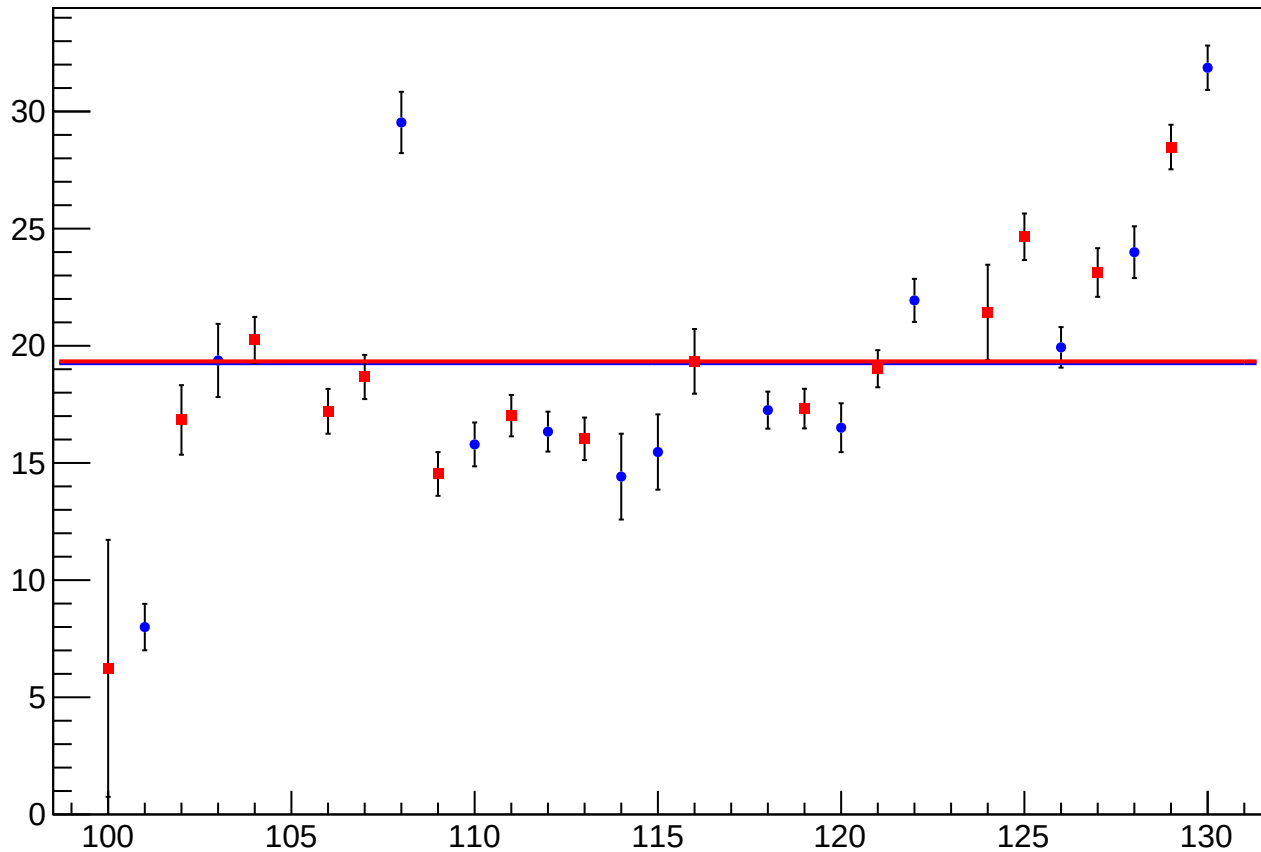
Right: -13.522 ± 0.179 χ^2/NDF : 927.7/27

In: -15.211 ± 0.268 χ^2/NDF : 286.2/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.522 ± 0.179 χ^2/NDF : 927.7/27

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 19.259+/-0.286 χ^2 /NDF: 447.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 19.335+/-0.265 χ^2 /NDF: 203.1/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

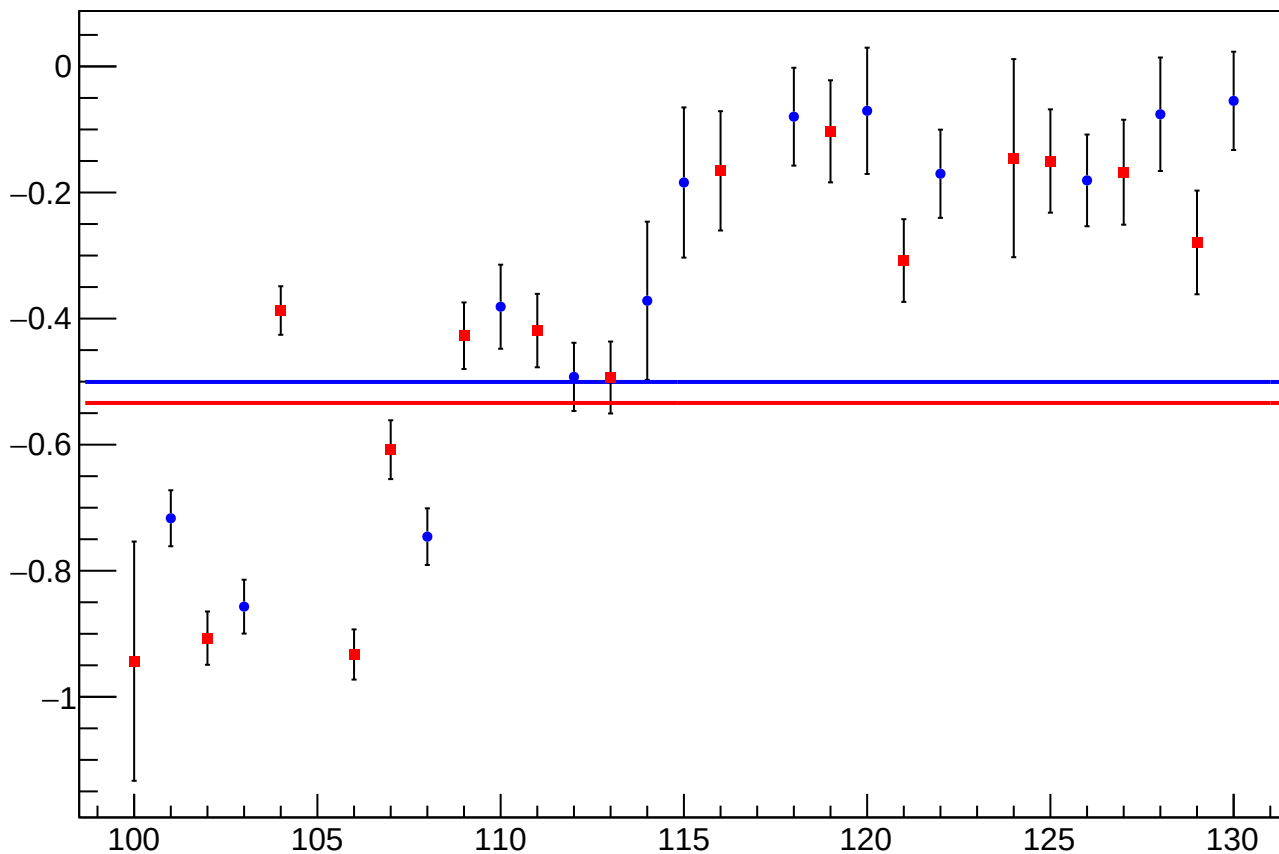
Right: 19.300+/-0.195 χ^2 /NDF: 650.6/27

In: 19.259+/-0.286 χ^2 /NDF:447.4/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 19.300+/-0.195 χ^2 /NDF: 650.6/27

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.501 $\pm$ 0.018 χ^2 /NDF: 278.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.534 $\pm$ 0.015 χ^2 /NDF: 320.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

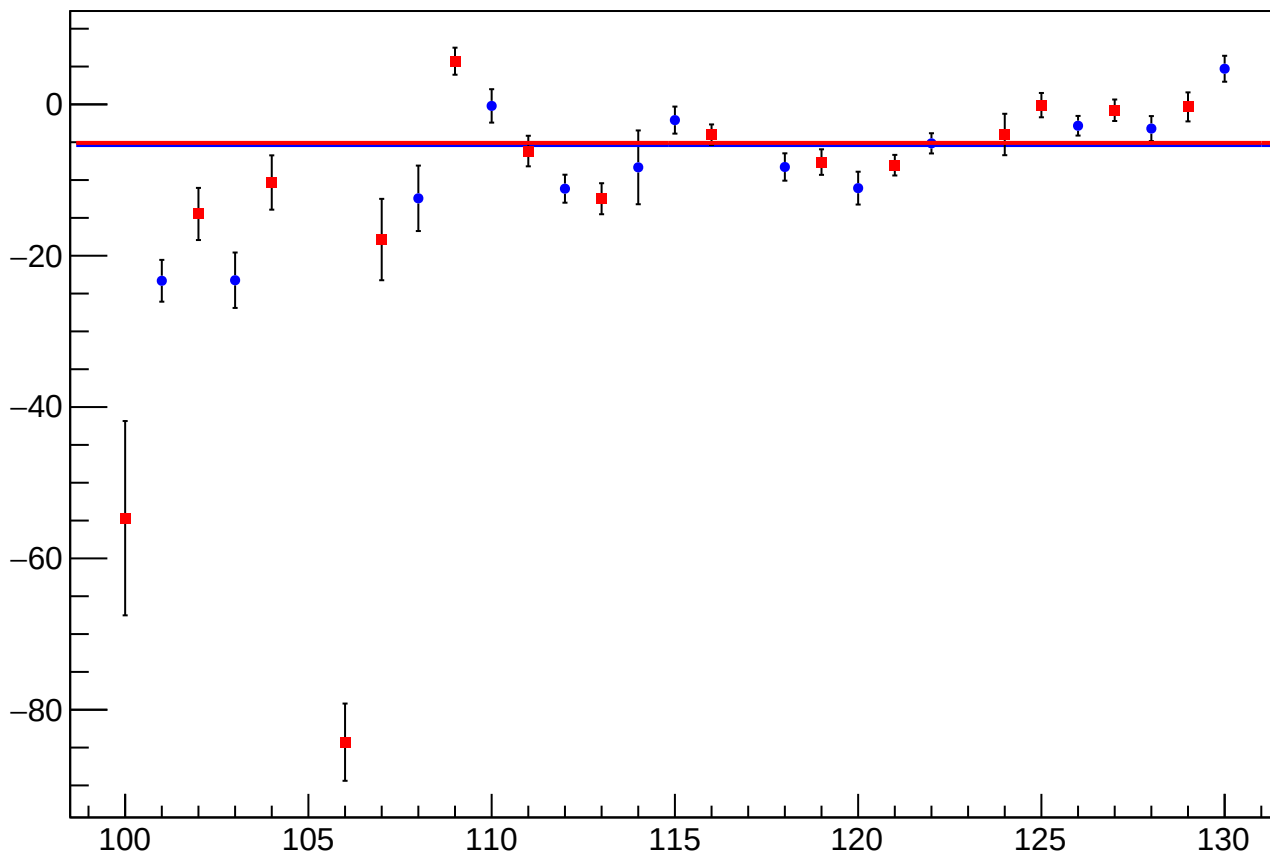
Right: -0.520 $\pm$ 0.012 χ^2 /NDF: 601.7/27

In: -0.501 $\pm$ 0.018 χ^2 /NDF:278.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.520 $\pm$ 0.012 χ^2 /NDF: 601.7/27

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.375+/-0.535 χ^2 /NDF: 137.3/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -5.090+/-0.516 χ^2 /NDF: 353.3/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

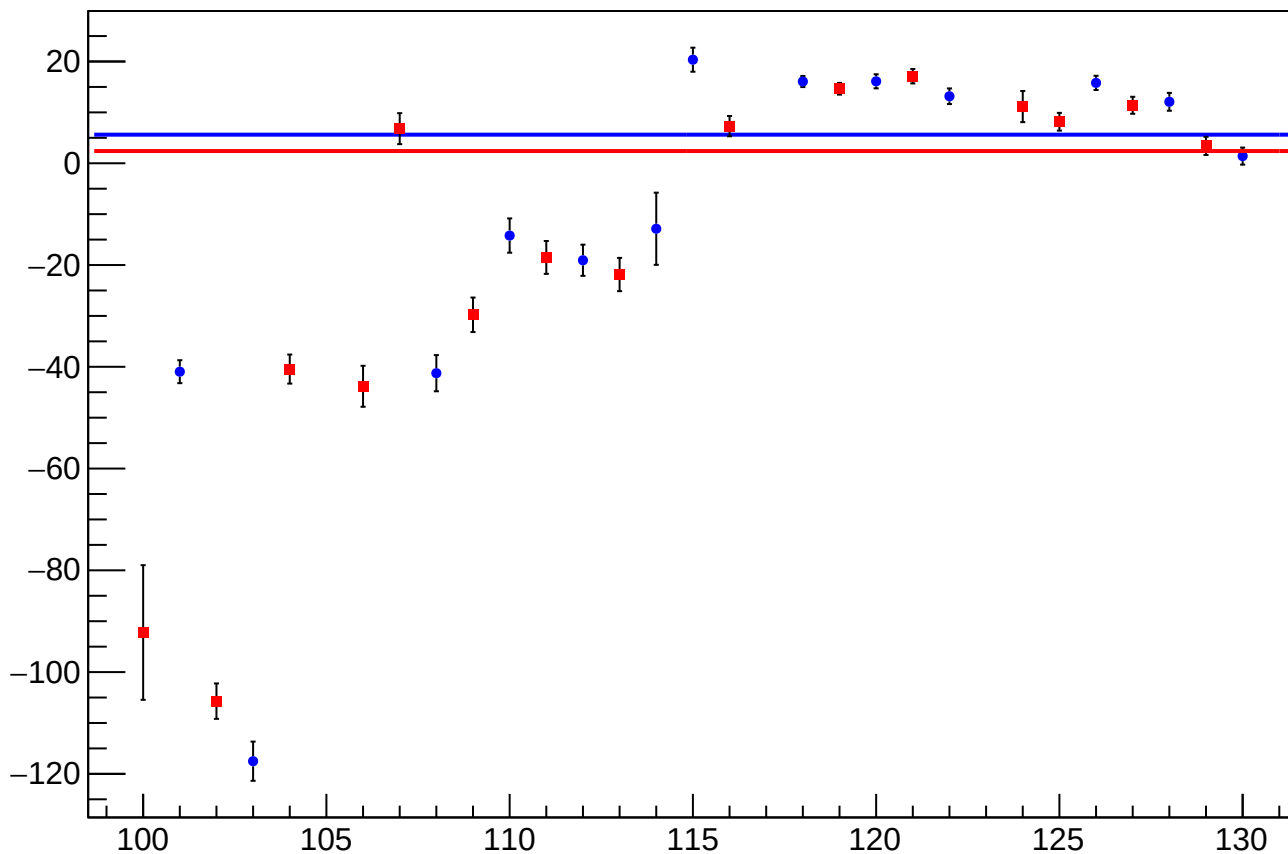
Right: -5.228+/-0.371 χ^2 /NDF: 490.8/27

In: -5.375+/-0.535 χ^2 /NDF:137.3/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -5.228+/-0.371 χ^2 /NDF: 490.8/27

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.620+/-0.519 χ^2/NDF : 2013.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.403+/-0.553 χ^2/NDF : 1837.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

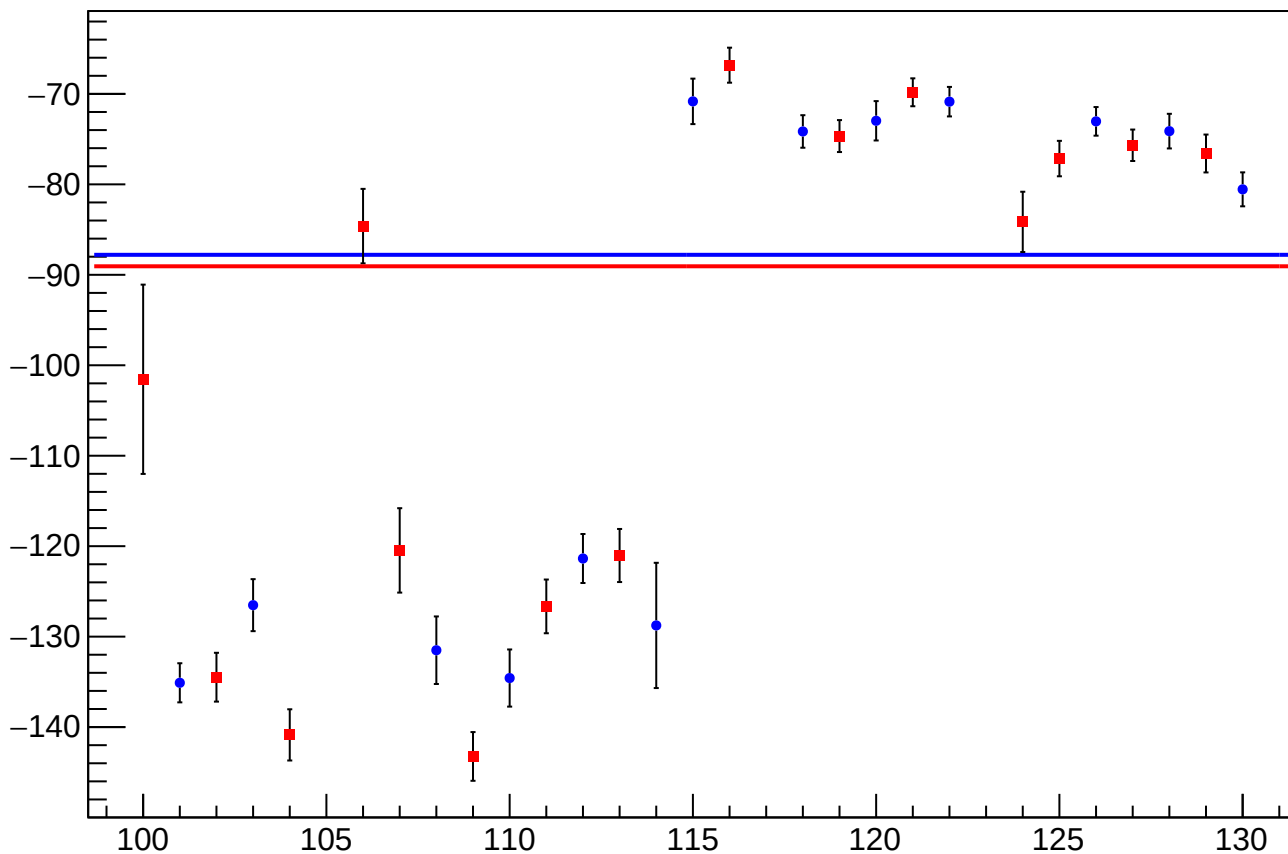
Right: 4.113+/-0.378 χ^2/NDF : 3869.0/27

In: 5.620+/-0.519 χ^2/NDF : 2013.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.113+/-0.378 χ^2/NDF : 3869.0/27

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -87.789 $\pm$ 0.612 χ^2 /NDF: 1615.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -89.058 $\pm$ 0.613 χ^2 /NDF: 1837.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

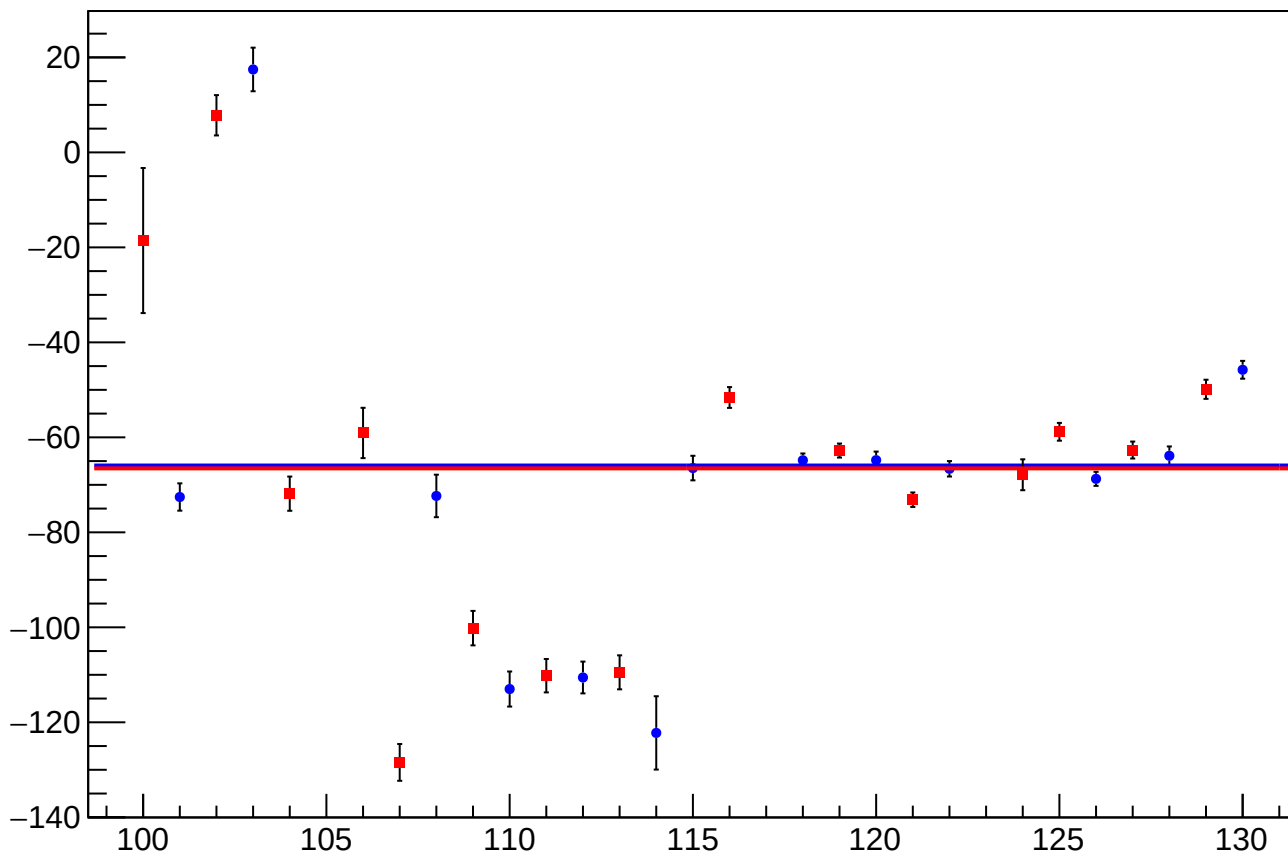
Right: -88.422 $\pm$ 0.433 χ^2 /NDF: 3454.7/27

In: -87.789 $\pm$ 0.612 χ^2 /NDF:1615.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -88.422 $\pm$ 0.433 χ^2 /NDF: 3454.7/27

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -65.934+/-0.606 χ^2/NDF : 852.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -66.534+/-0.631 χ^2/NDF : 1122.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

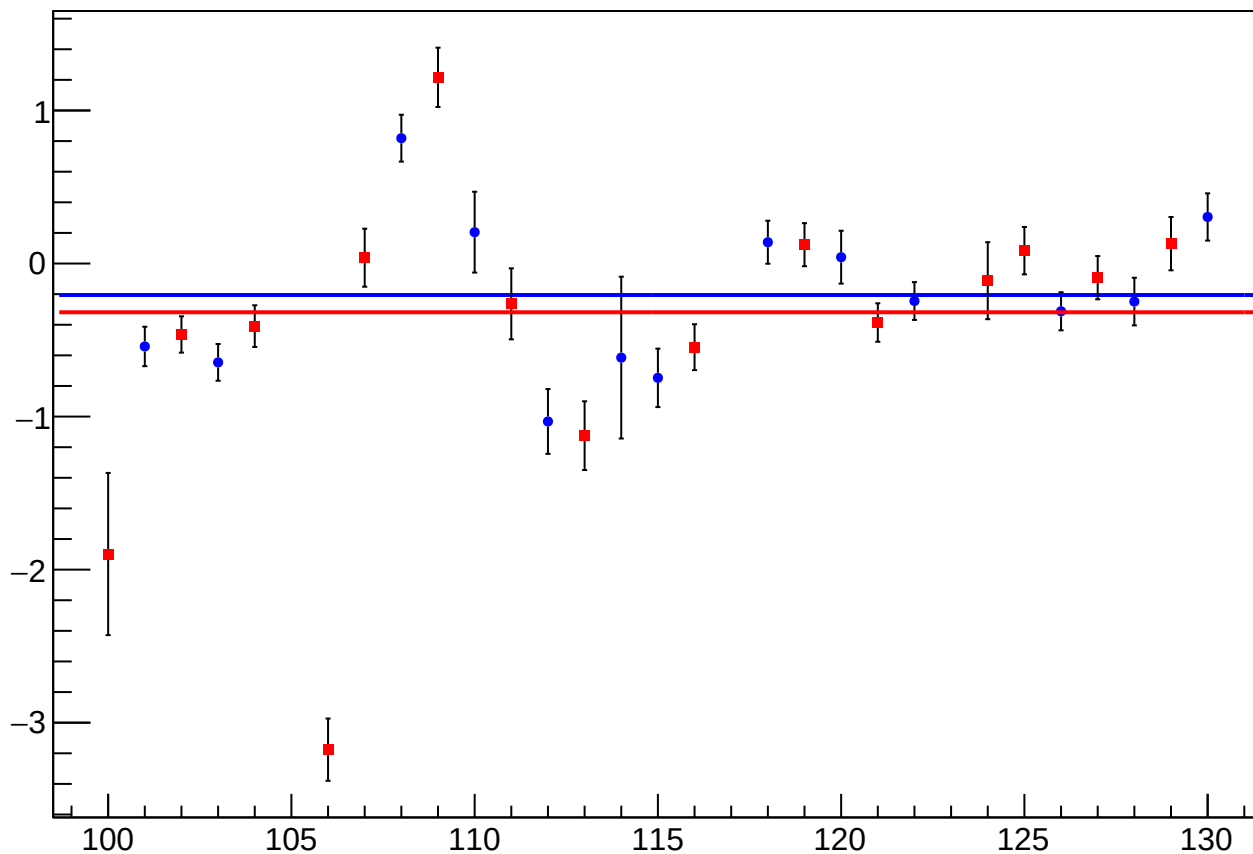
Right: -66.222+/-0.437 χ^2/NDF : 1975.2/27

In: -65.934+/-0.606 χ^2/NDF : 852.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -66.222+/-0.437 χ^2/NDF : 1975.2/27

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.206+/-0.043 χ^2 /NDF: 111.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.318+/-0.043 χ^2 /NDF: 316.4/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

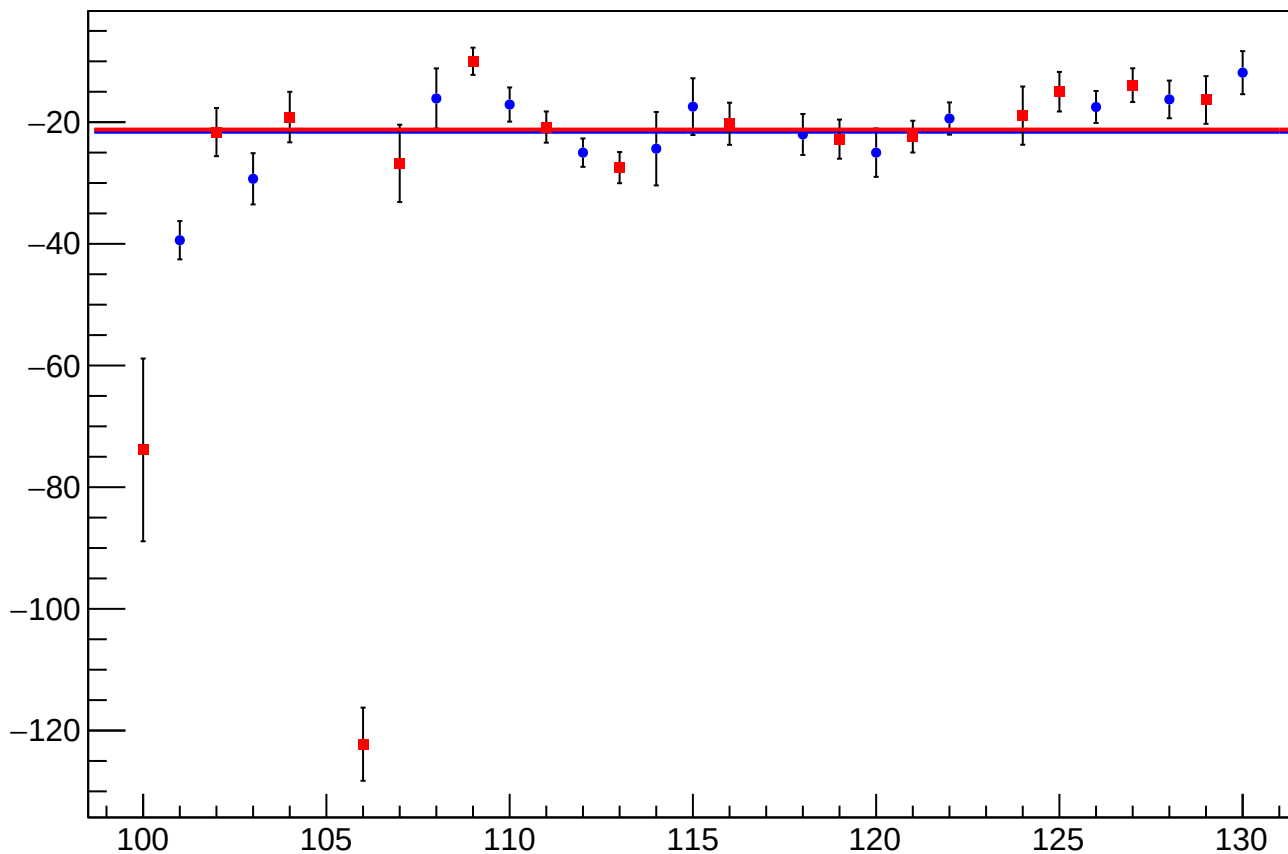
Right: -0.262+/-0.030 χ^2 /NDF: 431.0/27

In: -0.206+/-0.043 χ^2 /NDF:111.2/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.262+/-0.030 χ^2 /NDF: 431.0/27

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -21.570 ± 0.911 χ^2/NDF : 56.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -21.216 ± 0.863 χ^2/NDF : 339.6/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

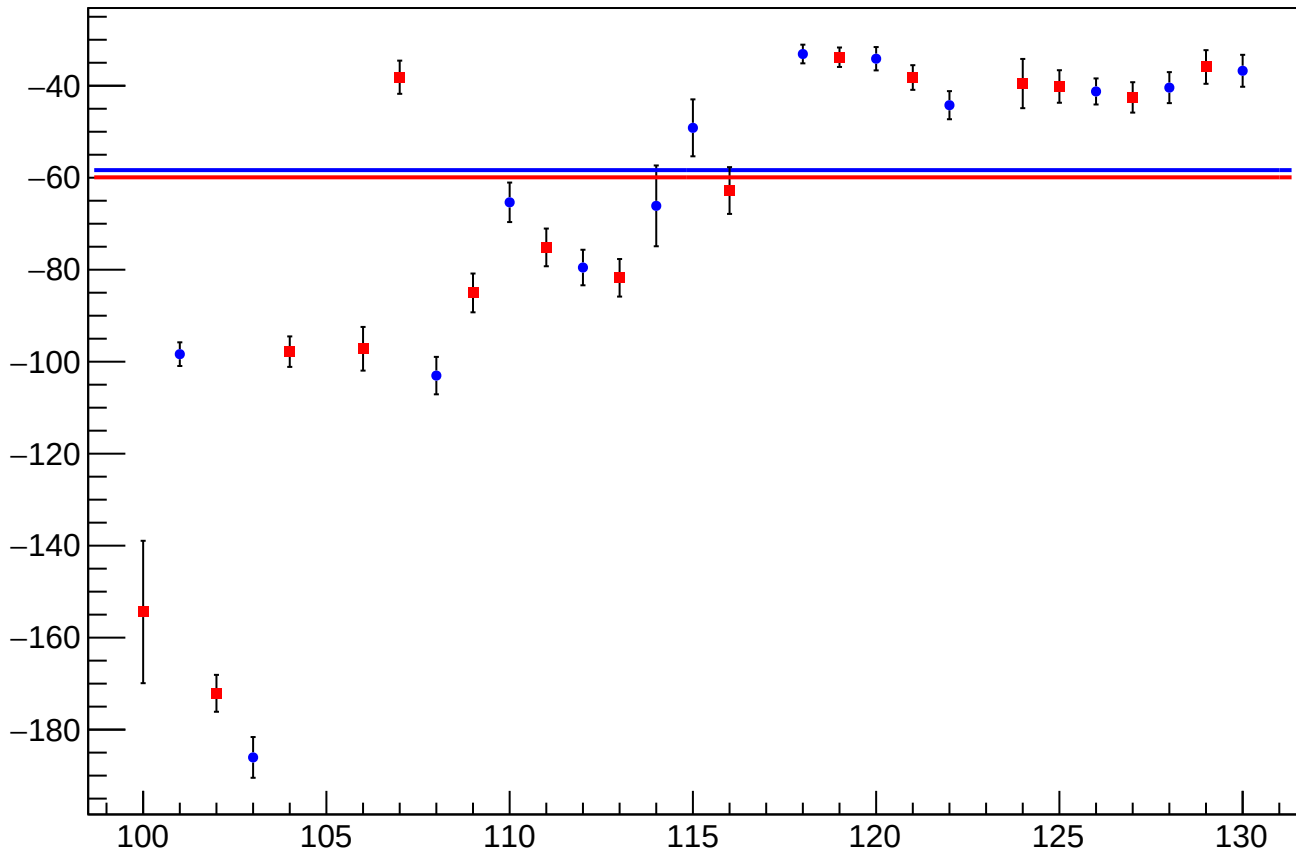
Right: -21.384 ± 0.626 χ^2/NDF : 396.5/27

In: -21.570 ± 0.911 χ^2/NDF : 56.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -21.384 ± 0.626 χ^2/NDF : 396.5/27

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -58.346+/-0.904 χ^2/NDF : 1598.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -59.914+/-0.938 χ^2/NDF : 1460.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

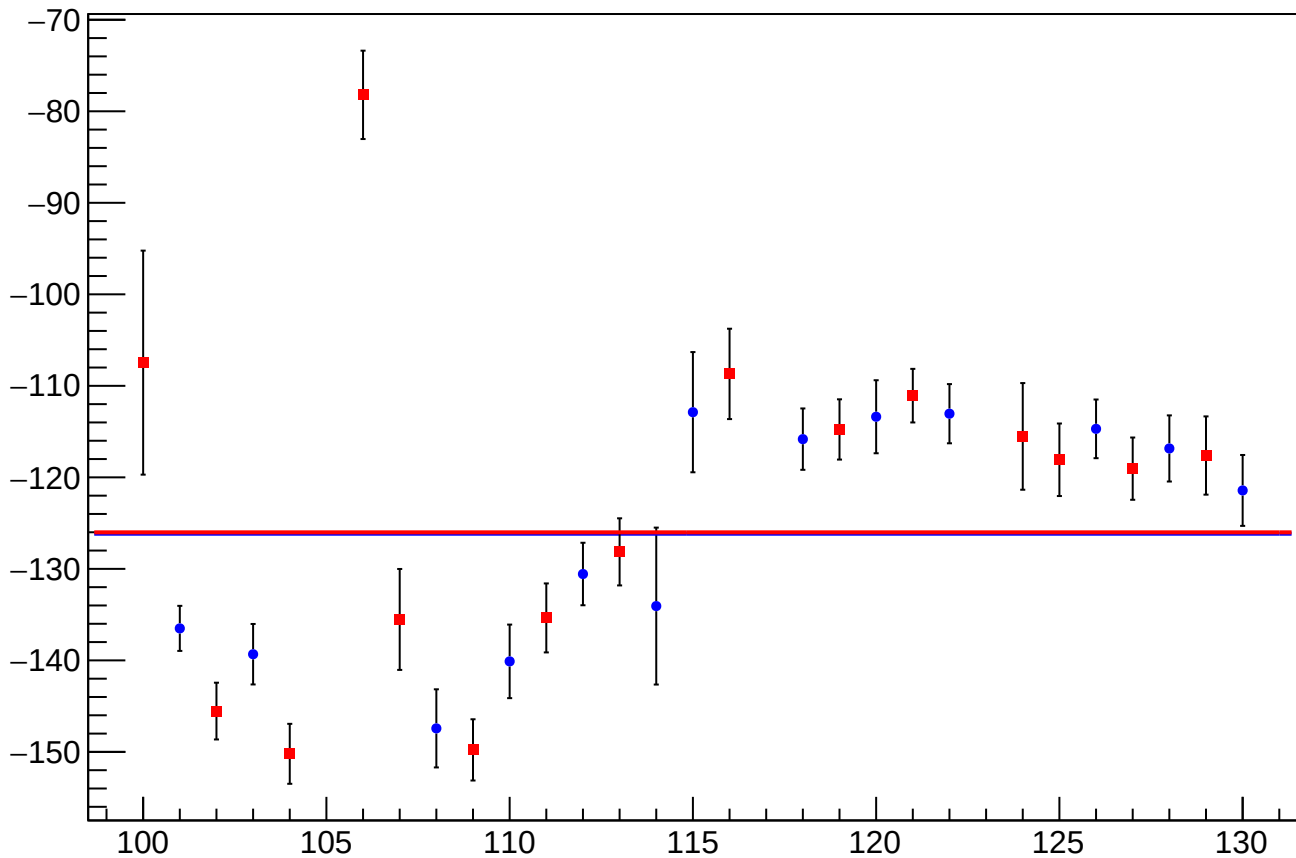
Right: -59.101+/-0.651 χ^2/NDF : 3060.6/27

In: -58.346+/-0.904 χ^2/NDF : 1598.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -59.101+/-0.651 χ^2/NDF : 3060.6/27

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -126.160+/-1.008 χ^2/NDF : 134.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -126.008+/-1.001 χ^2/NDF : 319.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

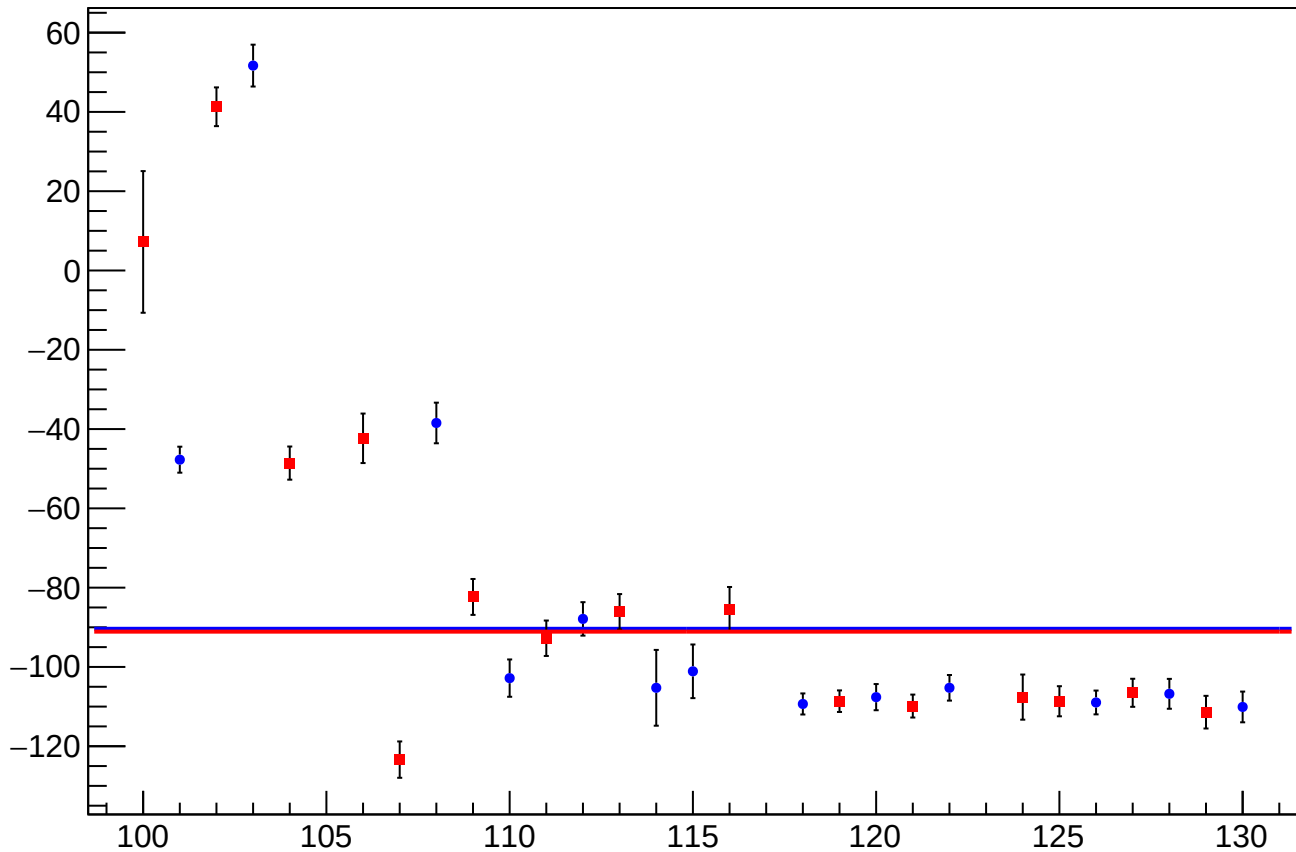
Right: -126.084+/-0.710 χ^2/NDF : 453.9/27

In: -126.160+/-1.008 χ^2/NDF : 134.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -126.084+/-0.710 χ^2/NDF : 453.9/27

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -90.378+/-1.067 χ^2/NDF : 1190.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -91.095+/-1.085 χ^2/NDF : 1141.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

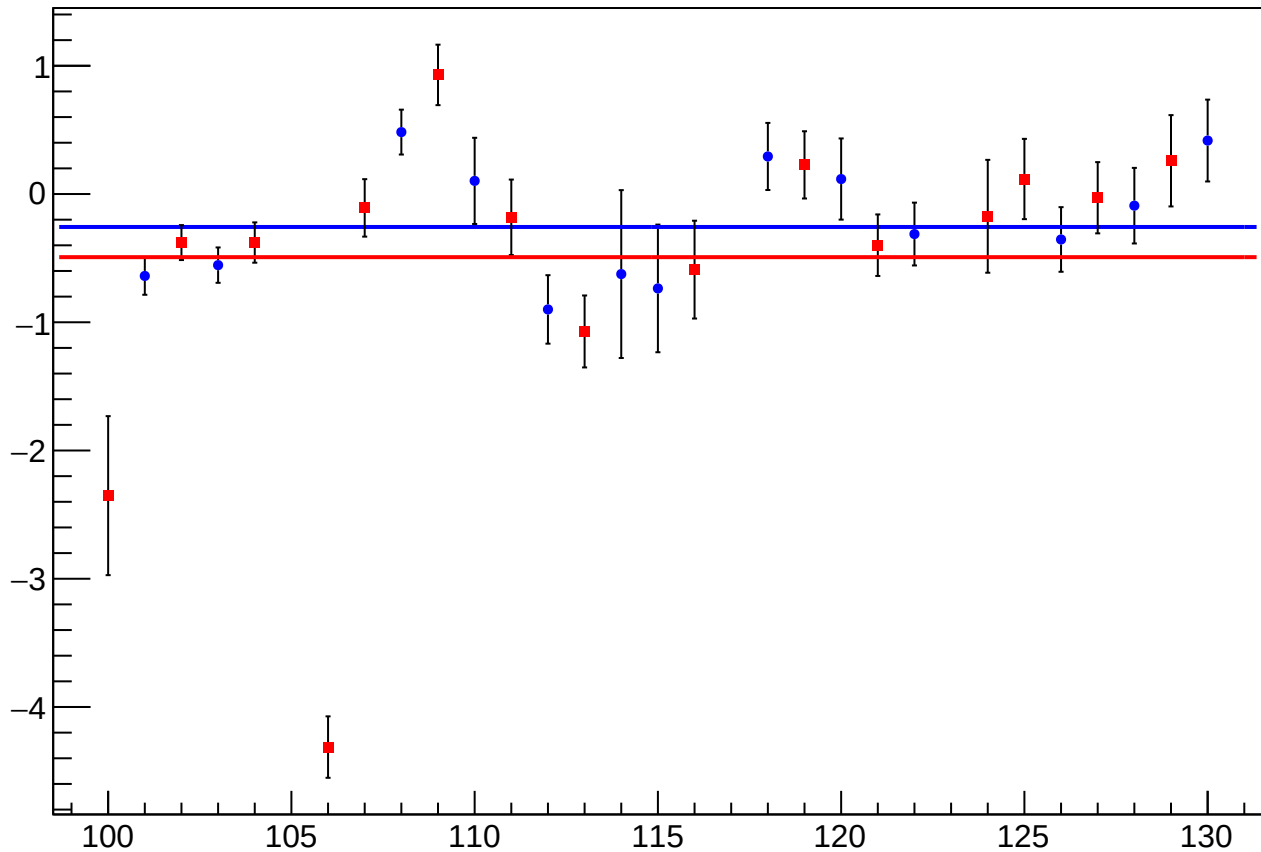
Right: -90.731+/-0.761 χ^2/NDF : 2331.9/27

In: -90.378+/-1.067 χ^2/NDF : 1190.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -90.731+/-0.761 χ^2/NDF : 2331.9/27

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.257 ± 0.065 χ^2/NDF : 48.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.492 ± 0.063 χ^2/NDF : 328.4/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

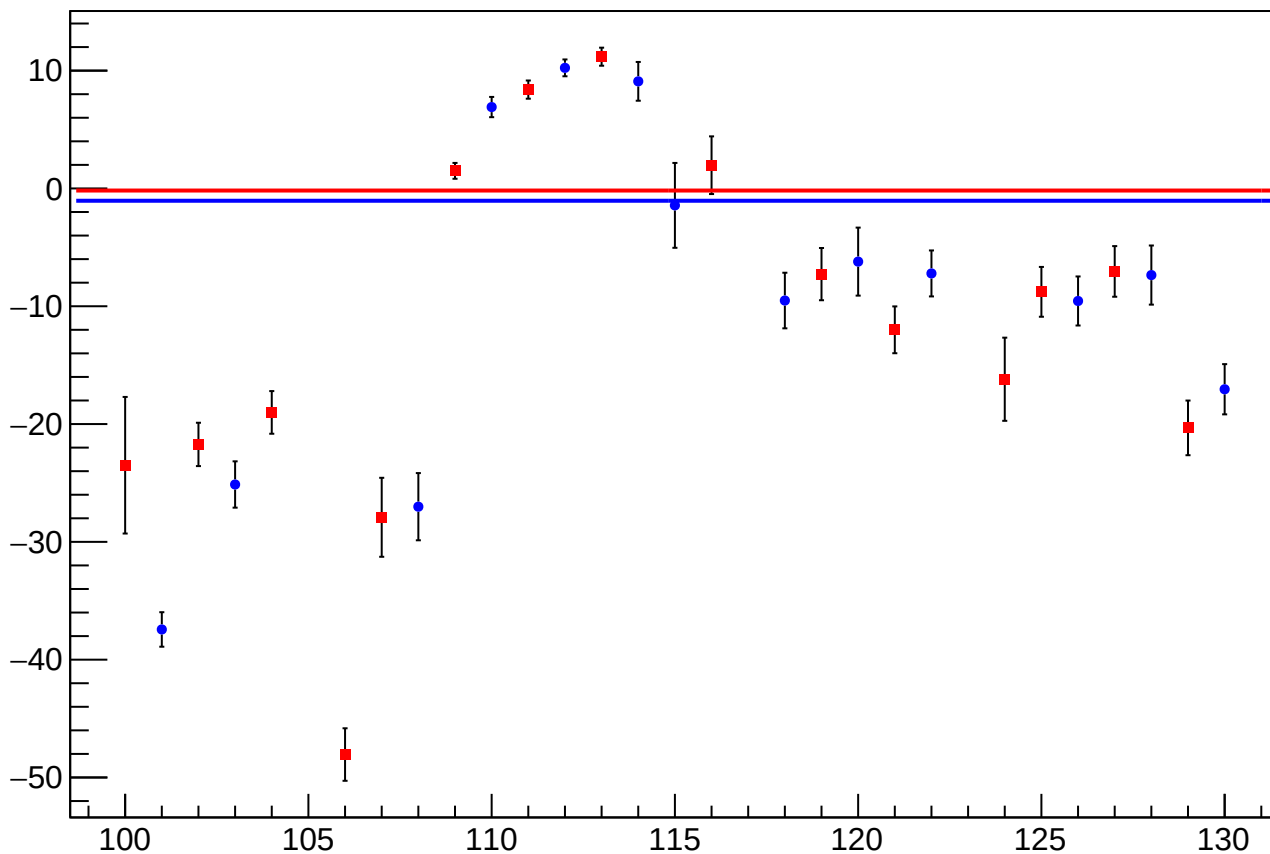
Right: -0.378 ± 0.045 χ^2/NDF : 383.5/27

In: -0.257 ± 0.065 χ^2/NDF : 48.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.378 ± 0.045 χ^2/NDF : 383.5/27

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.045+/-0.416 χ^2/NDF : 1328.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.177+/-0.357 χ^2/NDF : 1309.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

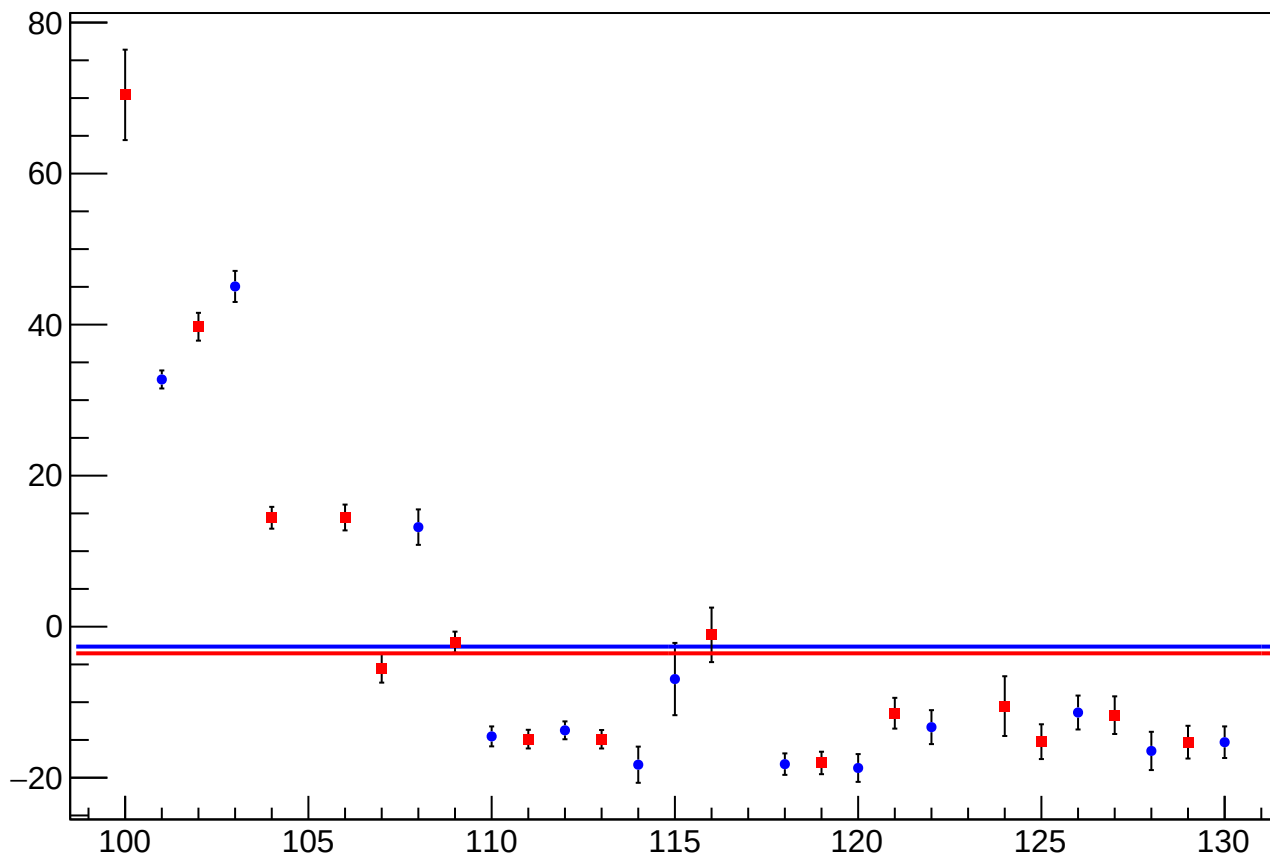
Right: -0.546+/-0.271 χ^2/NDF : 2641.2/27

In: -1.045+/-0.416 χ^2/NDF :1328.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.546+/-0.271 χ^2/NDF : 2641.2/27

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.638+/-0.488 χ^2/NDF : 1973.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.531+/-0.463 χ^2/NDF : 1322.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

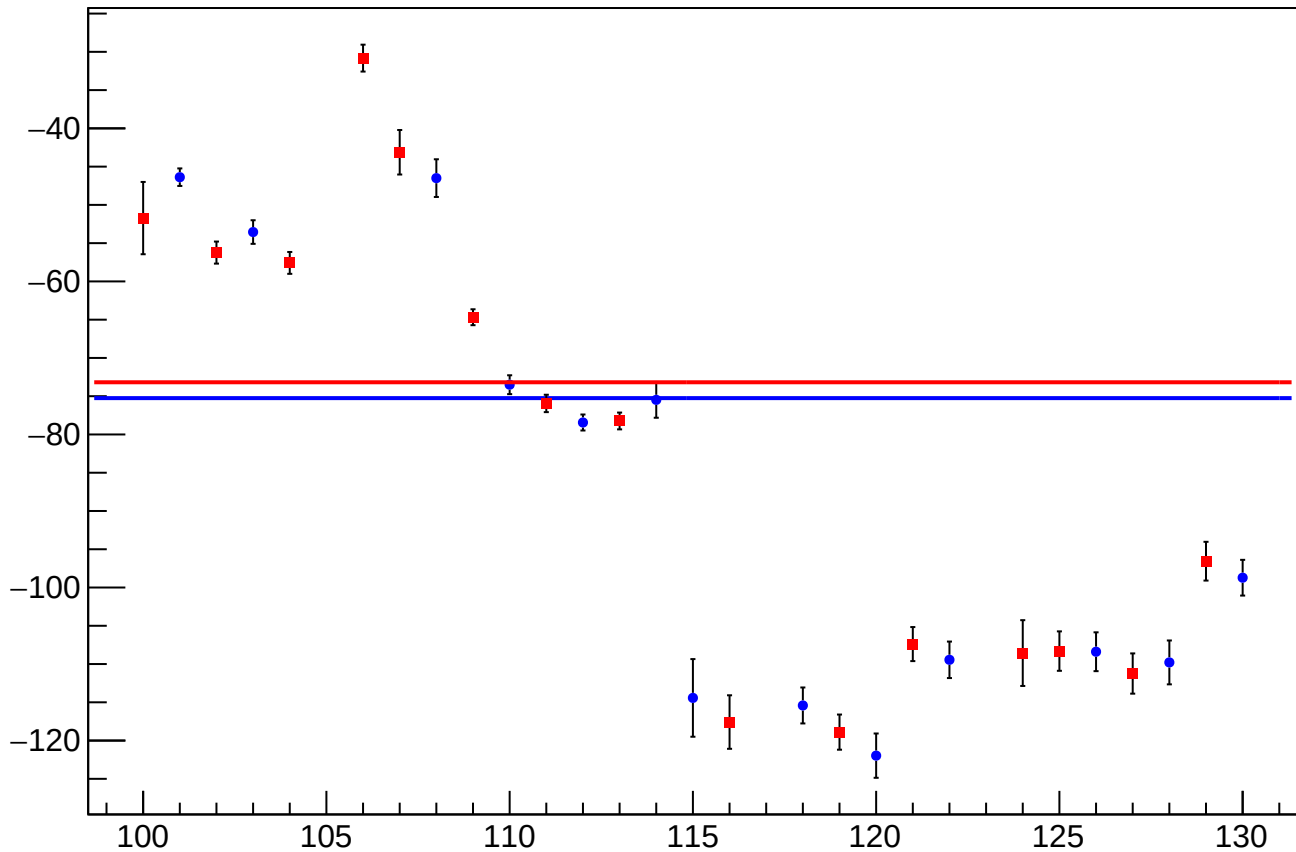
Right: -3.108+/-0.336 χ^2/NDF : 3298.4/27

In: -2.638+/-0.488 χ^2/NDF : 1973.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.108+/-0.336 χ^2/NDF : 3298.4/27

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -75.251+/-0.495 χ^2/NDF : 2215.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -73.180+/-0.449 χ^2/NDF : 2402.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

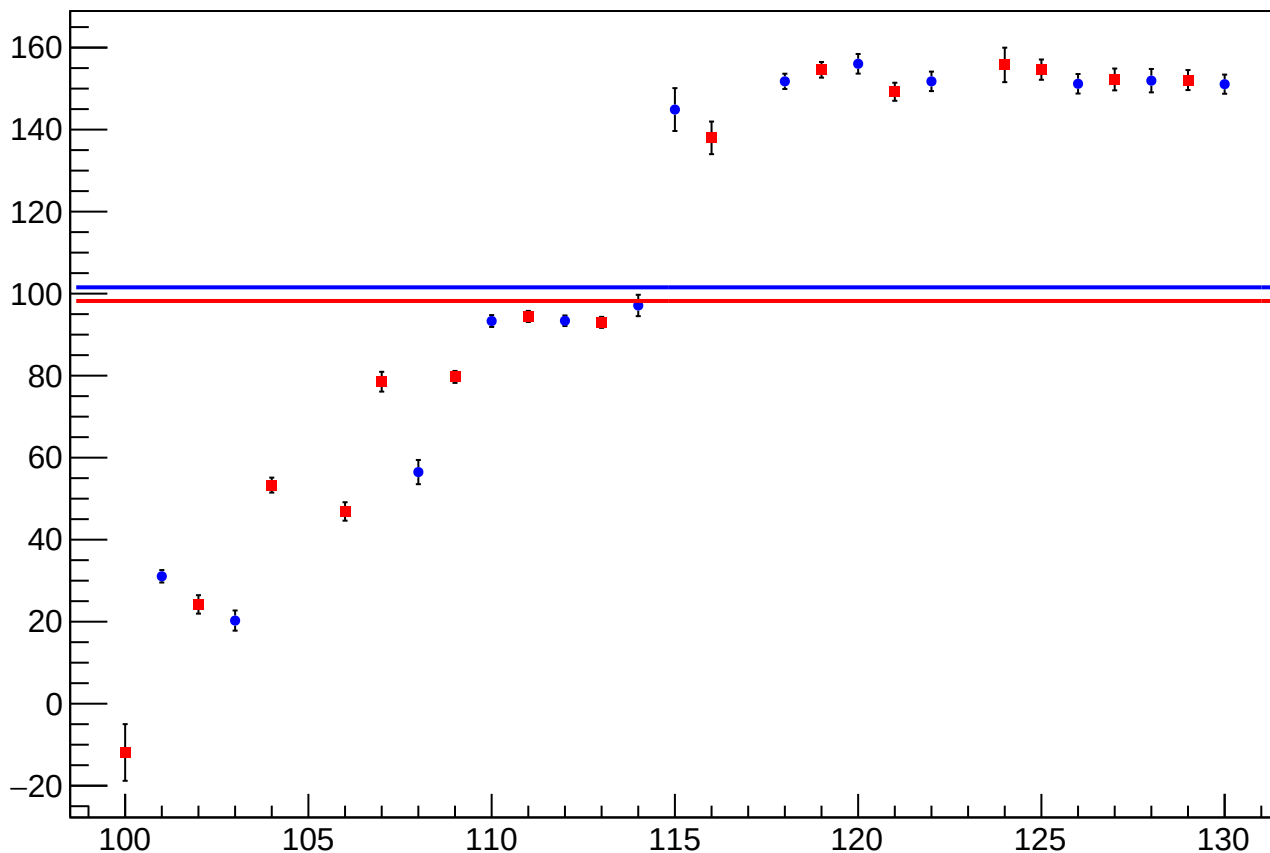
Right: -74.114+/-0.332 χ^2/NDF : 4627.2/27

In: -75.251+/-0.495 χ^2/NDF : 2215.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -74.114+/-0.332 χ^2/NDF : 4627.2/27

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 101.539+/-0.568 χ^2 /NDF: 6507.3/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 98.210+/-0.531 χ^2 /NDF: 5830.3/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

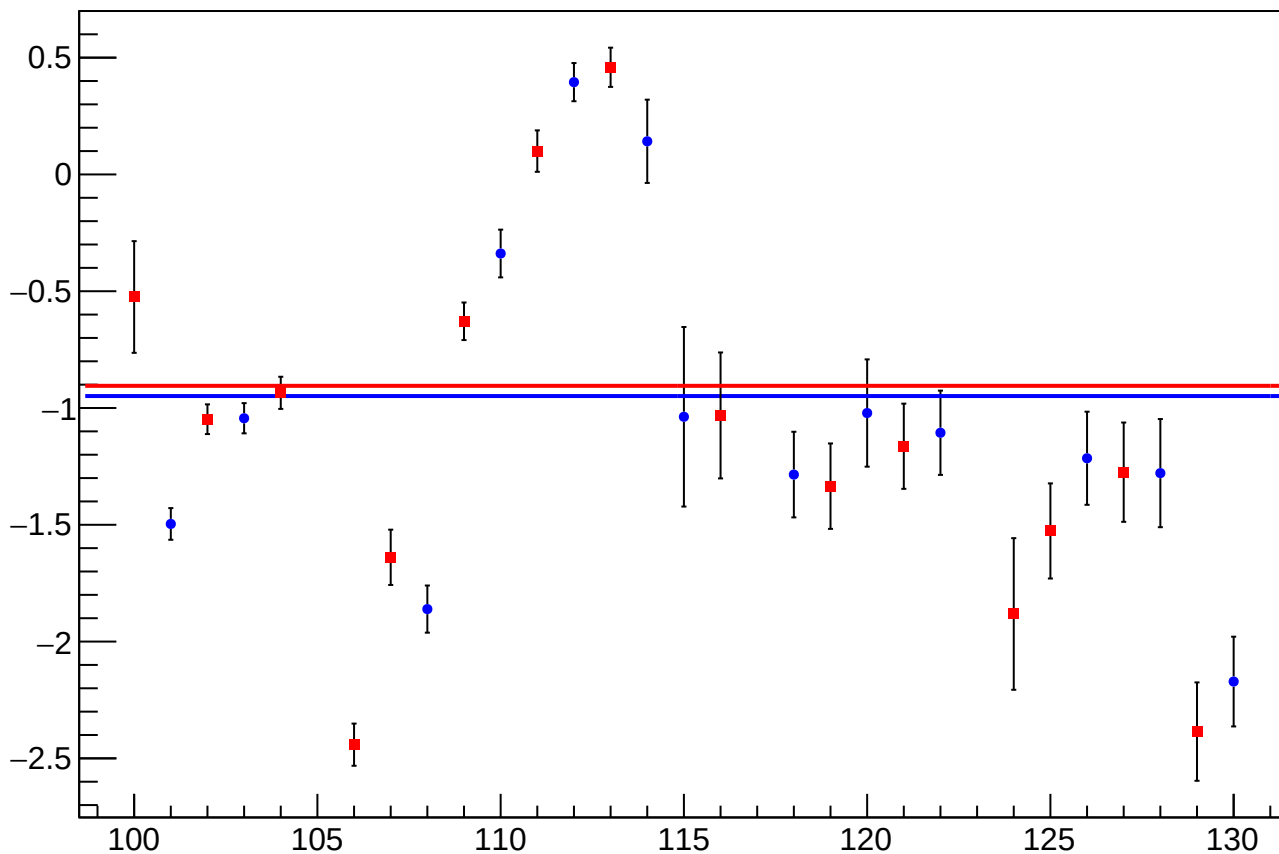
Right: 99.763+/-0.388 χ^2 /NDF: 12355.9/27

In: 101.539+/-0.568 χ^2 /NDF:6507.3/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 99.763+/-0.388 χ^2 /NDF: 12355.9/27

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.949+/-0.032 χ^2/NDF : 541.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.905+/-0.028 χ^2/NDF : 818.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

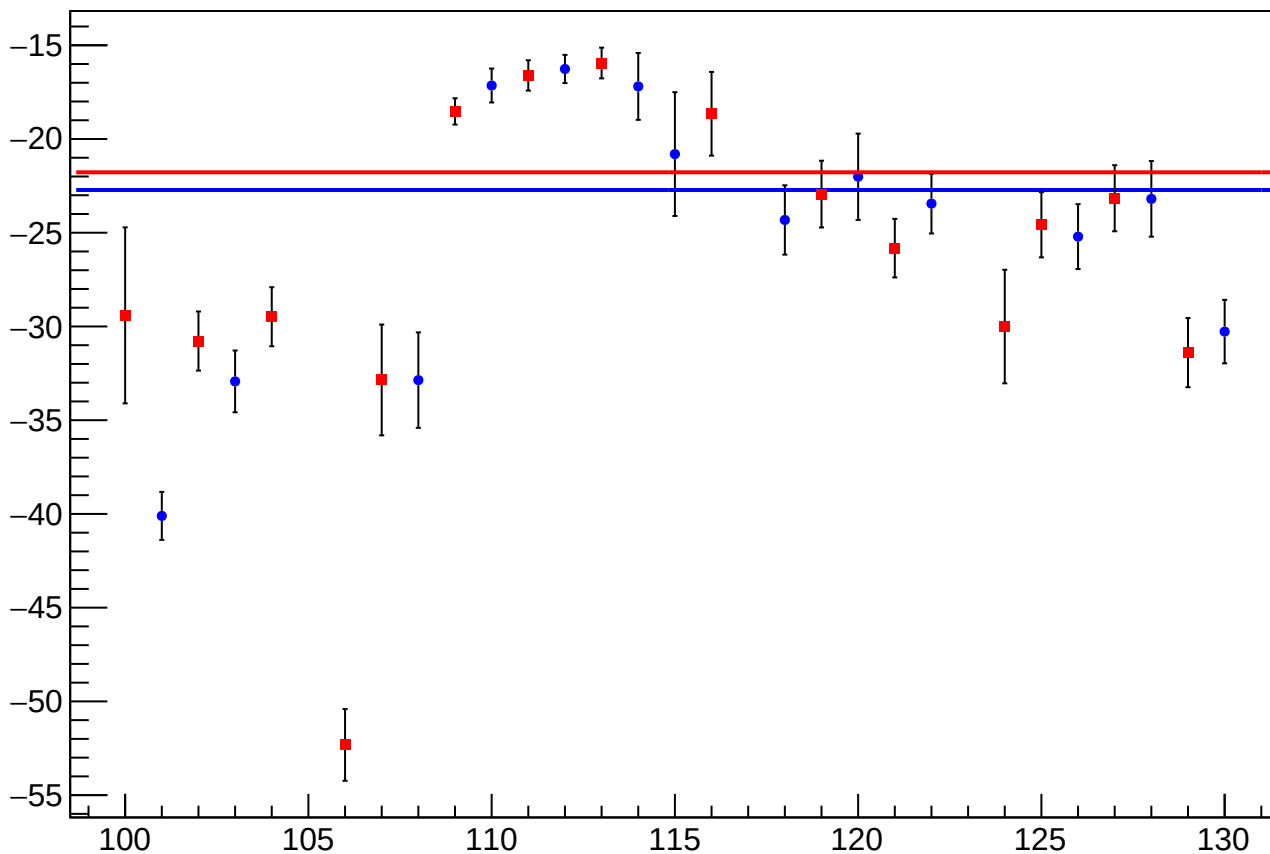
Right: -0.924+/-0.021 χ^2/NDF : 1360.5/27

In: -0.949+/-0.032 χ^2/NDF :541.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.924+/-0.021 χ^2/NDF : 1360.5/27

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -22.721 ± 0.397 χ^2/NDF : 383.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -21.777 ± 0.348 χ^2/NDF : 487.5/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

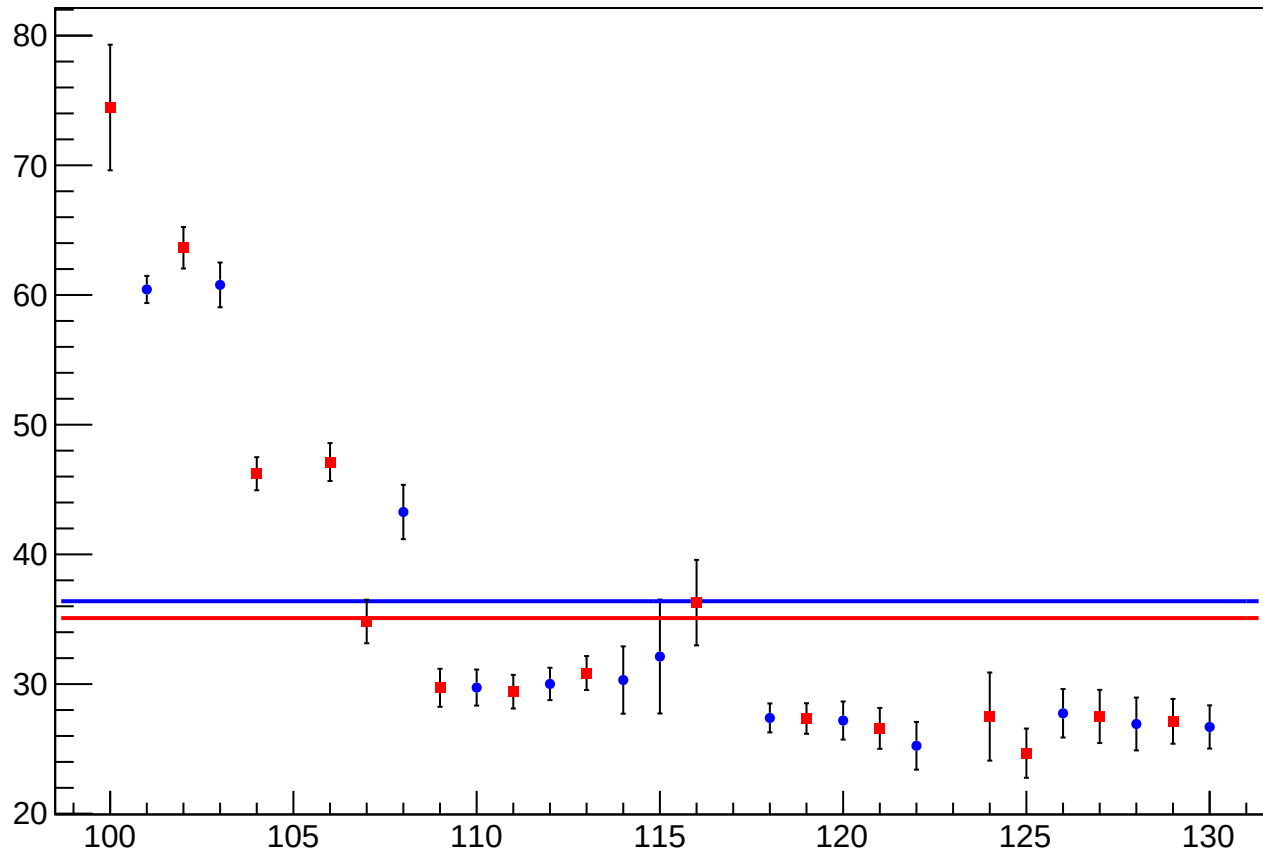
Right: -22.186 ± 0.262 χ^2/NDF : 874.0/27

In: -22.721 ± 0.397 χ^2/NDF : 383.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -22.186 ± 0.262 χ^2/NDF : 874.0/27

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 36.389+/-0.435 χ^2/NDF : 1011.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.089+/-0.420 χ^2/NDF : 714.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

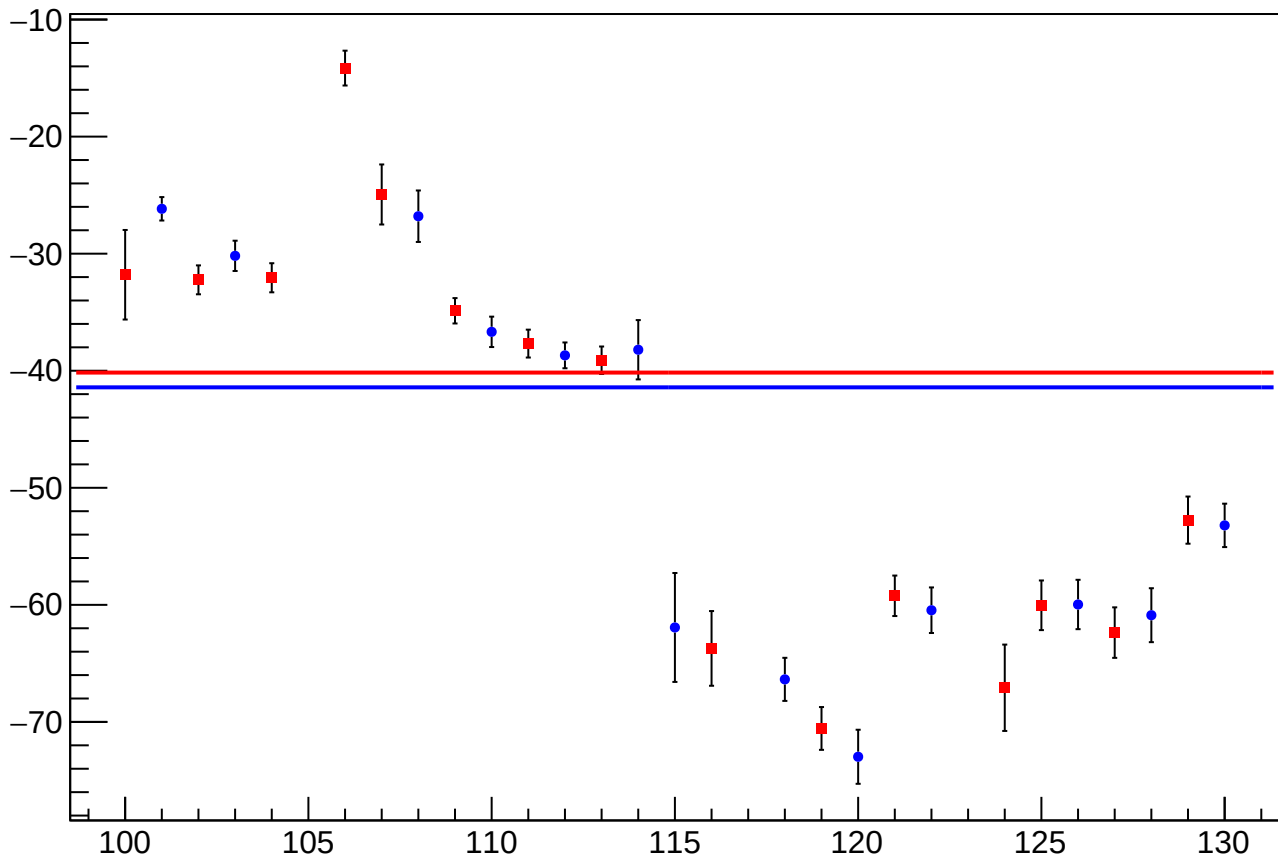
Right: 35.716+/-0.302 χ^2/NDF : 1730.9/27

In: 36.389+/-0.435 χ^2/NDF : 1011.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.716+/-0.302 χ^2/NDF : 1730.9/27

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -41.419 $\pm$ 0.453 χ^2 /NDF: 1047.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -40.157 $\pm$ 0.417 χ^2 /NDF: 1197.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

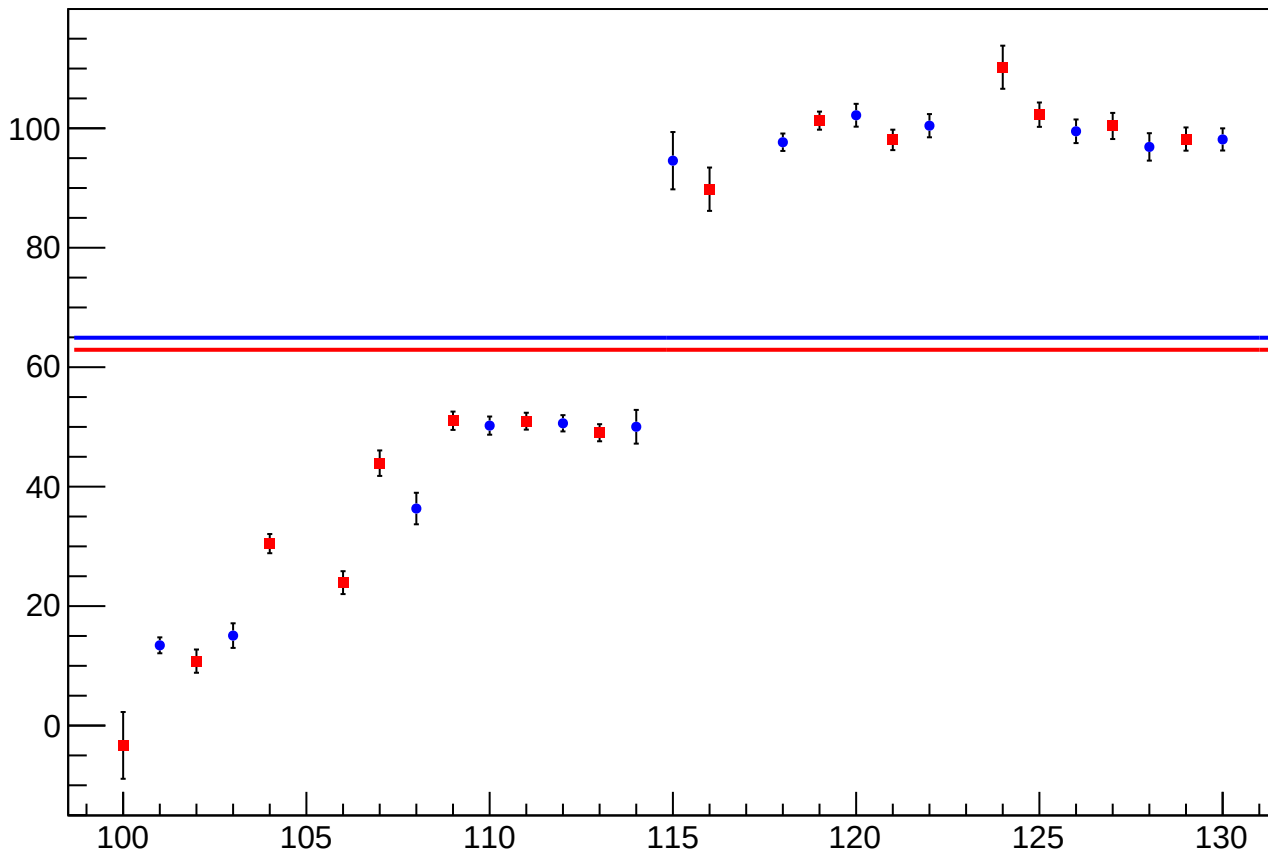
Right: -40.736 $\pm$ 0.307 χ^2 /NDF: 2249.1/27

In: -41.419 $\pm$ 0.453 χ^2 /NDF:1047.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -40.736 $\pm$ 0.307 χ^2 /NDF: 2249.1/27

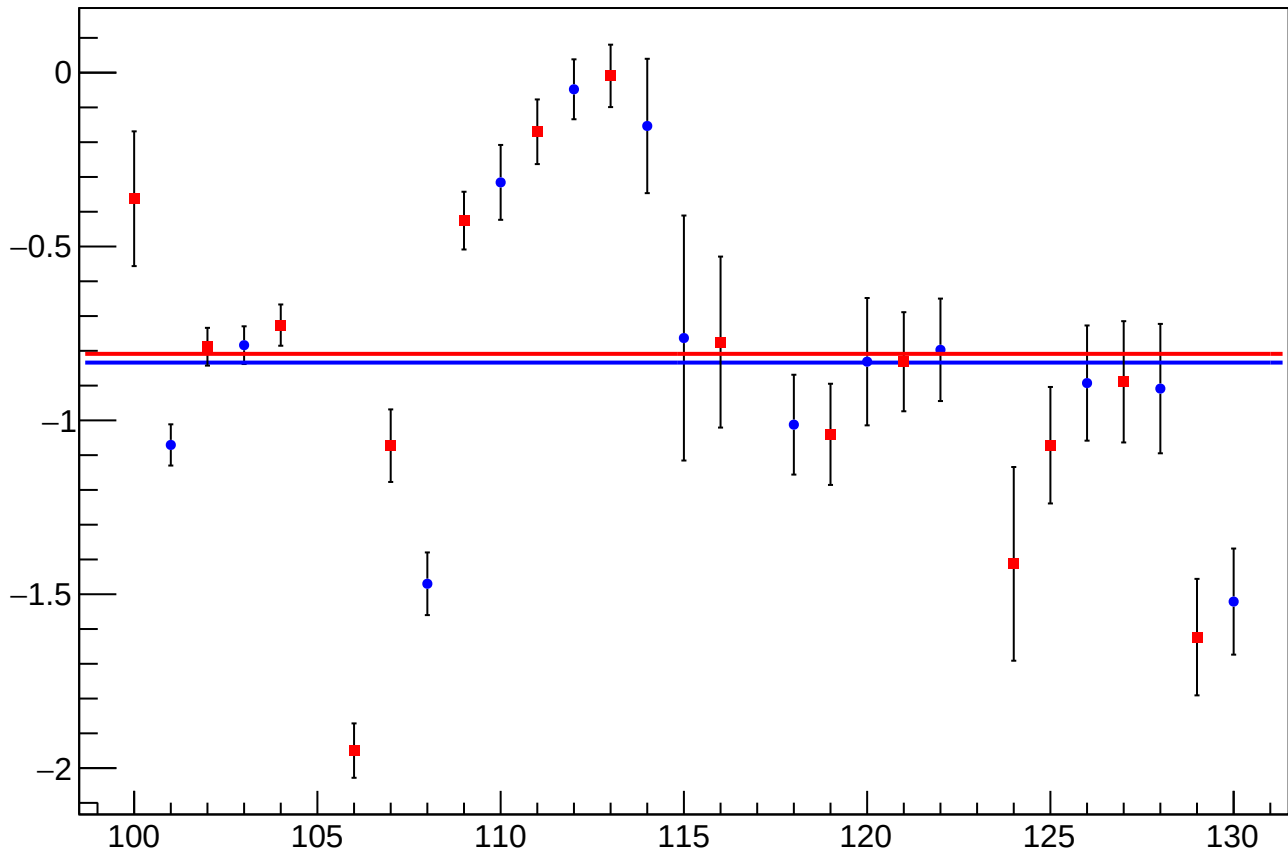
reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 64.934+/-0.511 χ^2/NDF : 4504.0/12
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 62.916+/-0.486 χ^2/NDF : 4271.4/14
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 63.874+/-0.352 χ^2/NDF : 8783.6/27
 In: 64.934+/-0.511 χ^2/NDF :4504.0/12
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 63.874+/-0.352 χ^2/NDF : 8783.6/27

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.834 ± 0.028 $\chi^2/\text{NDF}: 207.7/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.809 ± 0.026 $\chi^2/\text{NDF}: 407.9/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

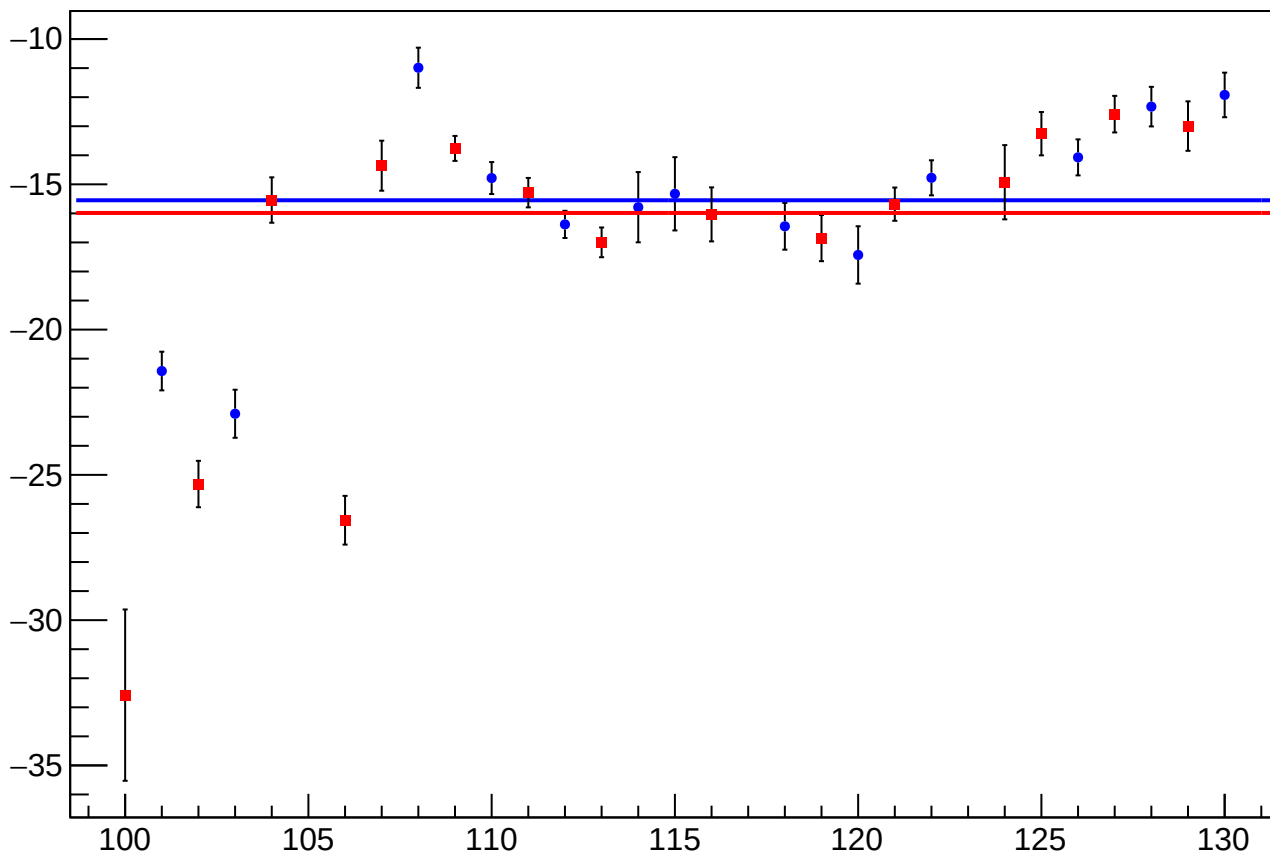
Right: -0.820 ± 0.019 $\chi^2/\text{NDF}: 616.0/27$

In: -0.834 ± 0.028 $\chi^2/\text{NDF}: 207.7/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.820 ± 0.019 $\chi^2/\text{NDF}: 616.0/27$

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -15.549 ± 0.193 χ^2/NDF : 262.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -15.985 ± 0.179 χ^2/NDF : 420.7/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

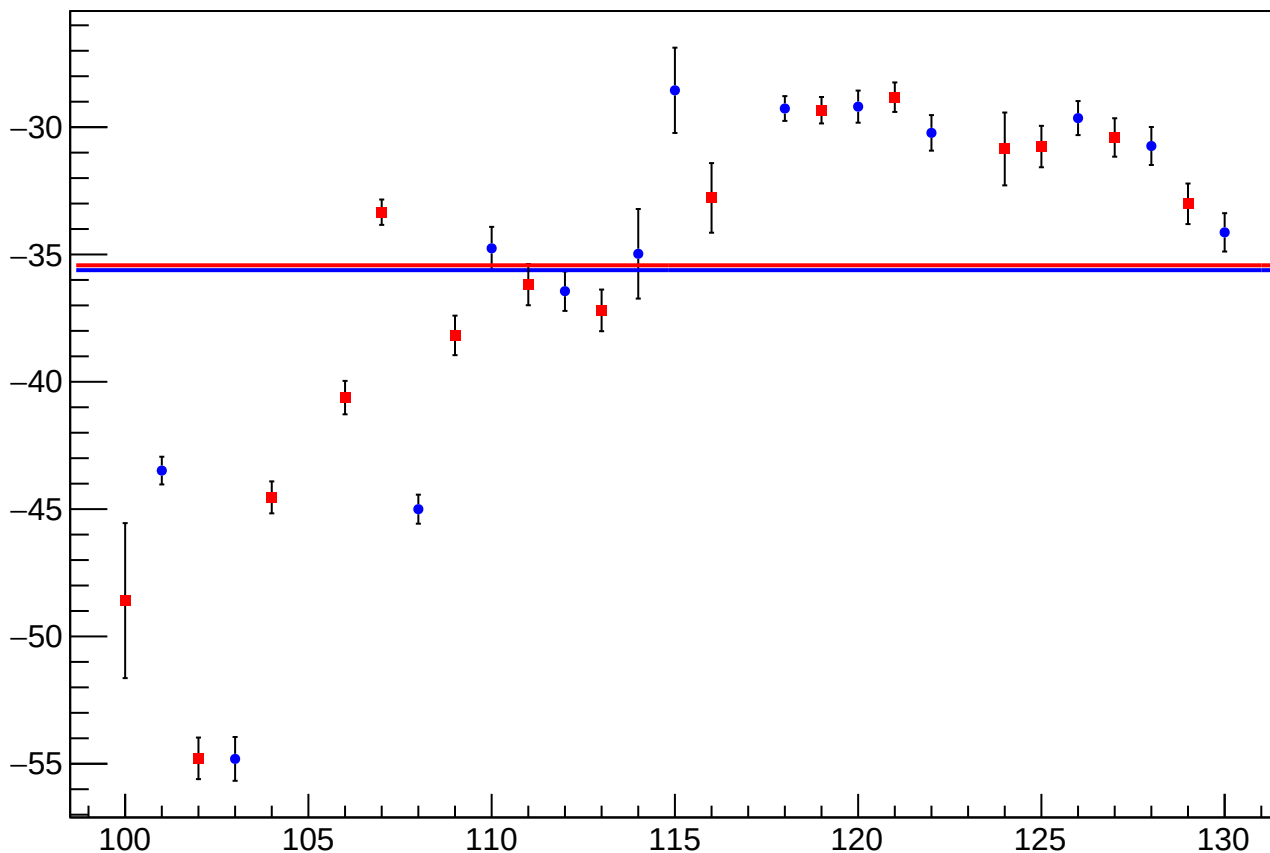
Right: -15.784 ± 0.131 χ^2/NDF : 686.1/27

In: -15.549 ± 0.193 χ^2/NDF : 262.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.784 ± 0.131 χ^2/NDF : 686.1/27

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -35.616 $\pm$ 0.196 χ^2 /NDF: 1459.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -35.425 $\pm$ 0.190 χ^2 /NDF: 1258.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

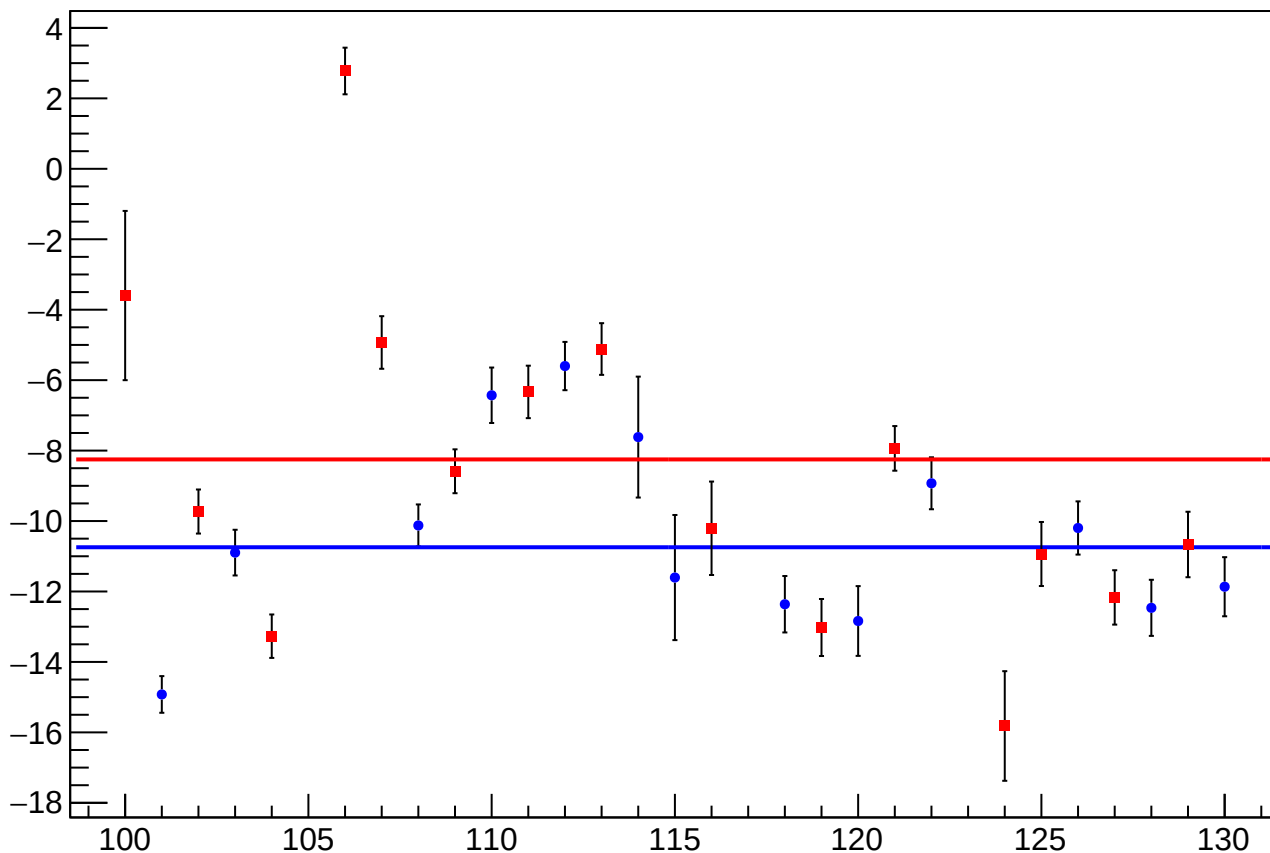
Right: -35.518 $\pm$ 0.136 χ^2 /NDF: 2717.8/27

In: -35.616 $\pm$ 0.196 χ^2 /NDF:1459.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -35.518 $\pm$ 0.136 χ^2 /NDF: 2717.8/27

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -10.744 $\pm$ 0.211 χ^2 /NDF: 177.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -8.251 $\pm$ 0.201 χ^2 /NDF: 500.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

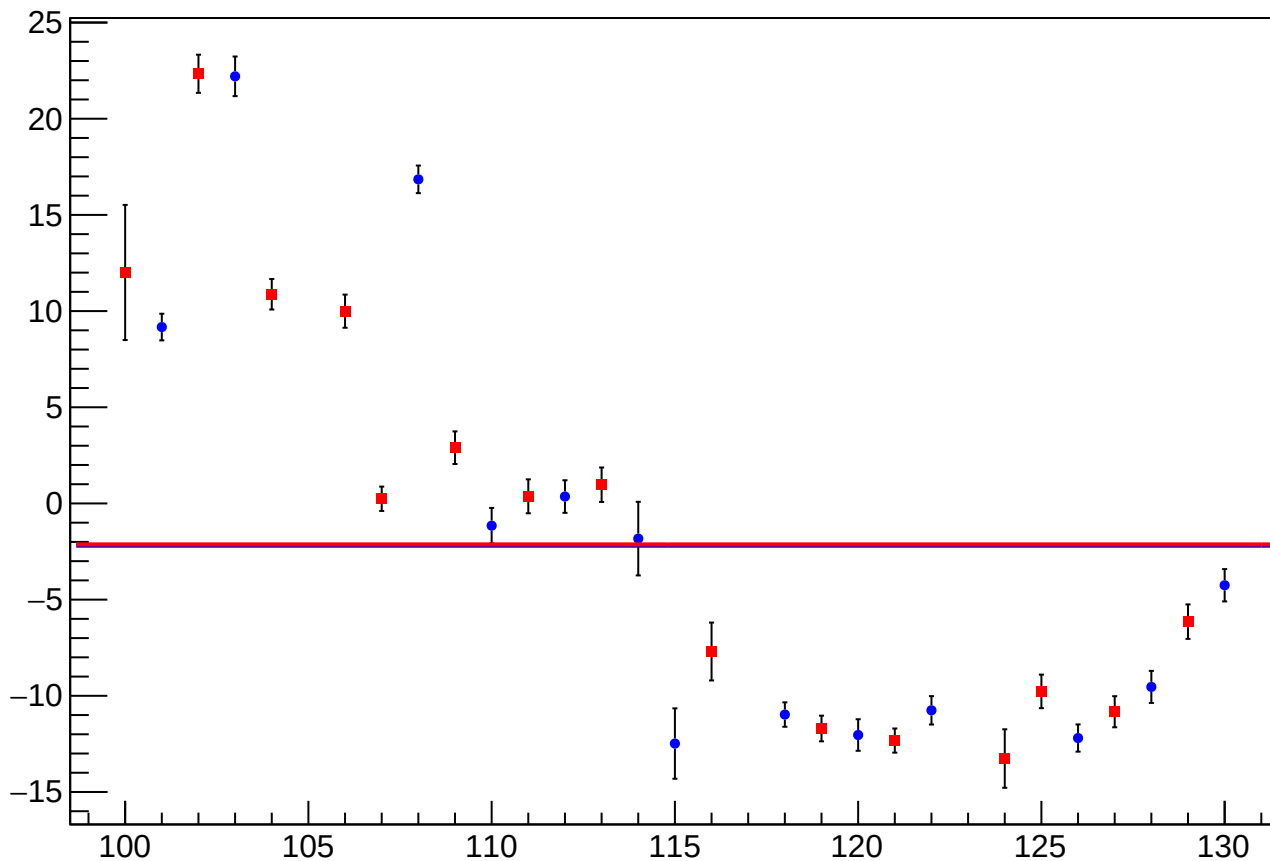
Right: -9.437 $\pm$ 0.146 χ^2 /NDF: 750.3/27

In: -10.744 $\pm$ 0.211 χ^2 /NDF:177.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -9.437 $\pm$ 0.146 χ^2 /NDF: 750.3/27

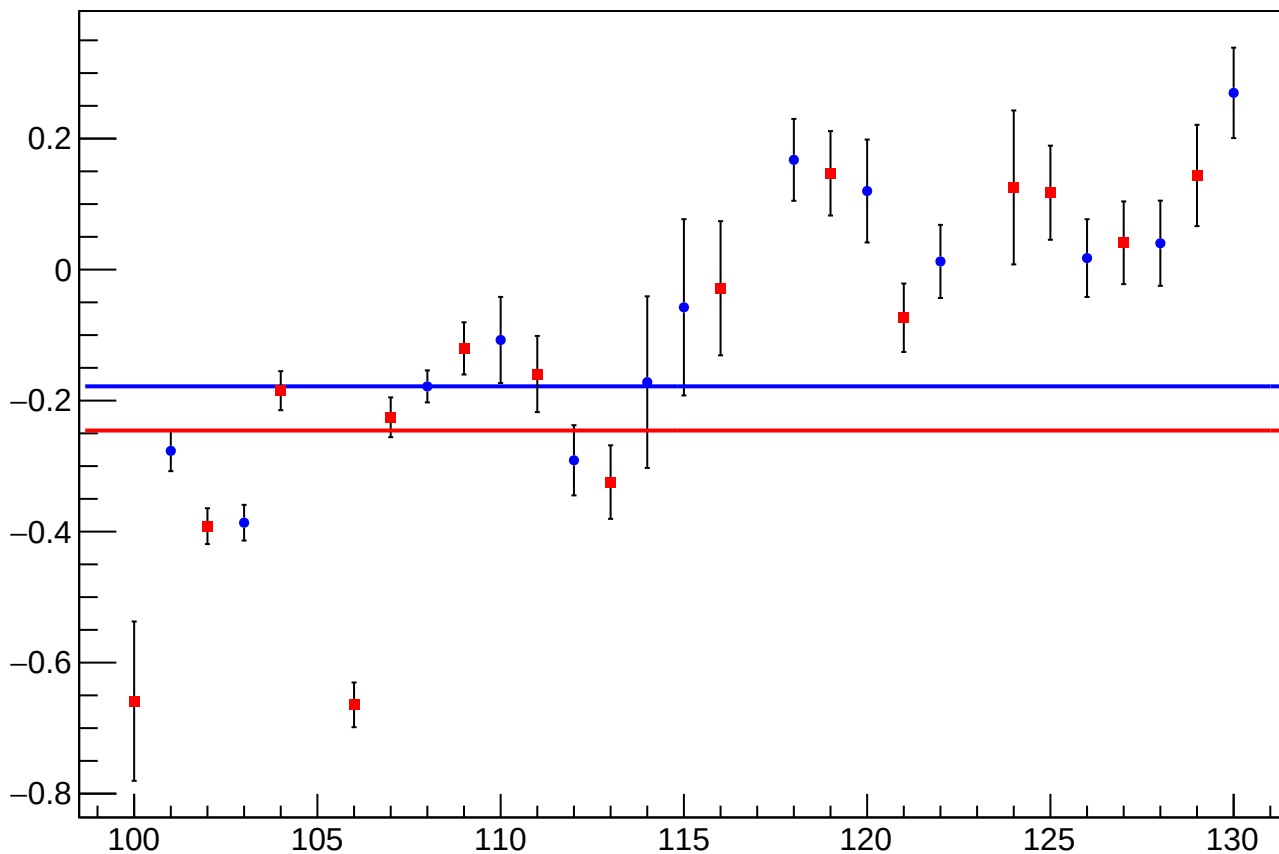
reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.197 $\pm$ 0.231 χ^2 /NDF: 2330.9/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -2.128 $\pm$ 0.222 χ^2 /NDF: 1910.6/14
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -2.161 $\pm$ 0.160 χ^2 /NDF: 4241.5/27
 In: -2.197 $\pm$ 0.231 χ^2 /NDF:2330.9/12
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -2.161 $\pm$ 0.160 χ^2 /NDF: 4241.5/27

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178+/-0.013 χ^2/NDF : 195.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.246+/-0.012 χ^2/NDF : 343.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

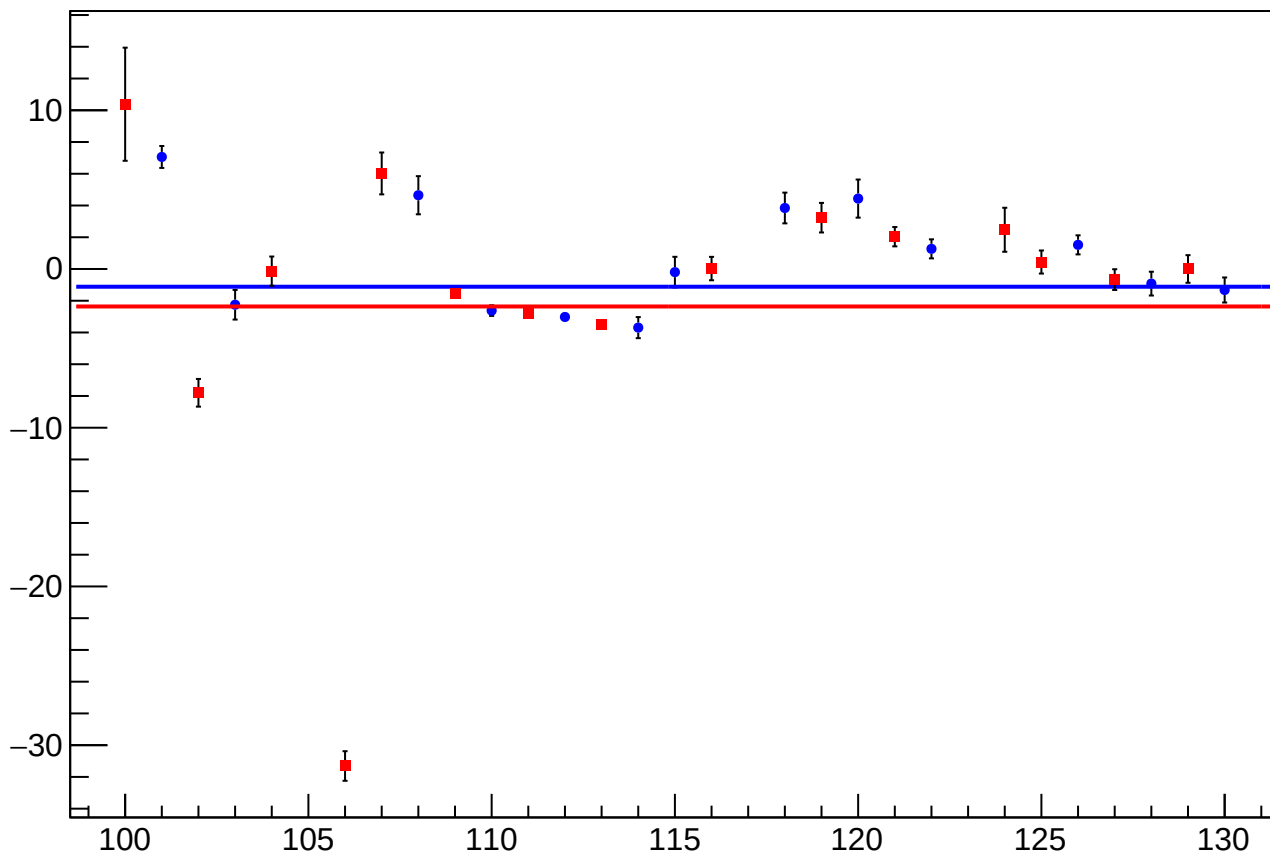
Right: -0.214+/-0.009 χ^2/NDF : 554.4/27

In: -0.178+/-0.013 χ^2/NDF : 195.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.214+/-0.009 χ^2/NDF : 554.4/27

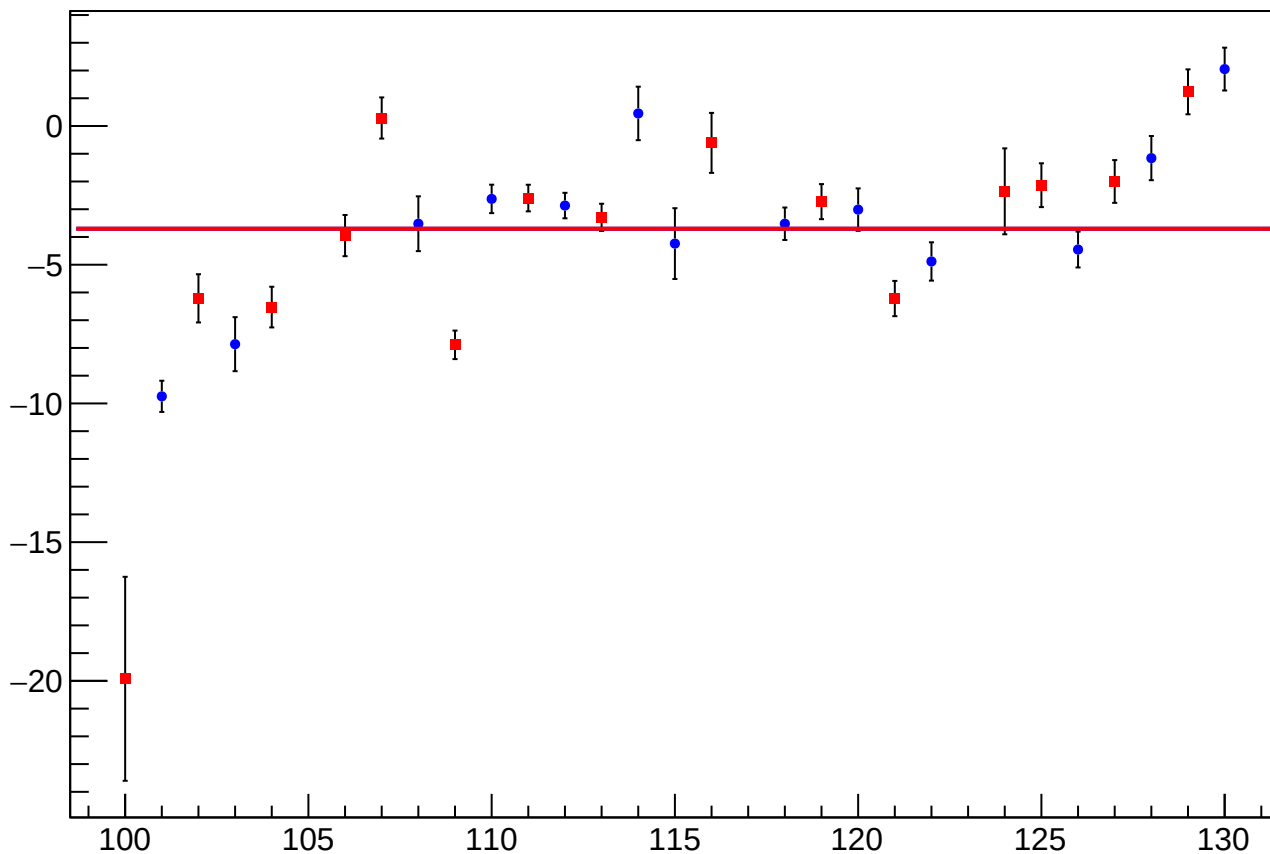
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.117 $\pm$ 0.158 χ^2 /NDF: 330.5/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -2.361 $\pm$ 0.139 χ^2 /NDF: 1226.9/14
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -1.818 $\pm$ 0.105 χ^2 /NDF: 1592.2/27
 In: -1.117 $\pm$ 0.158 χ^2 /NDF:330.5/12
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -1.818 $\pm$ 0.105 χ^2 /NDF: 1592.2/27

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.704+/-0.189 χ^2 /NDF: 231.3/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -3.702+/-0.182 χ^2 /NDF: 217.1/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

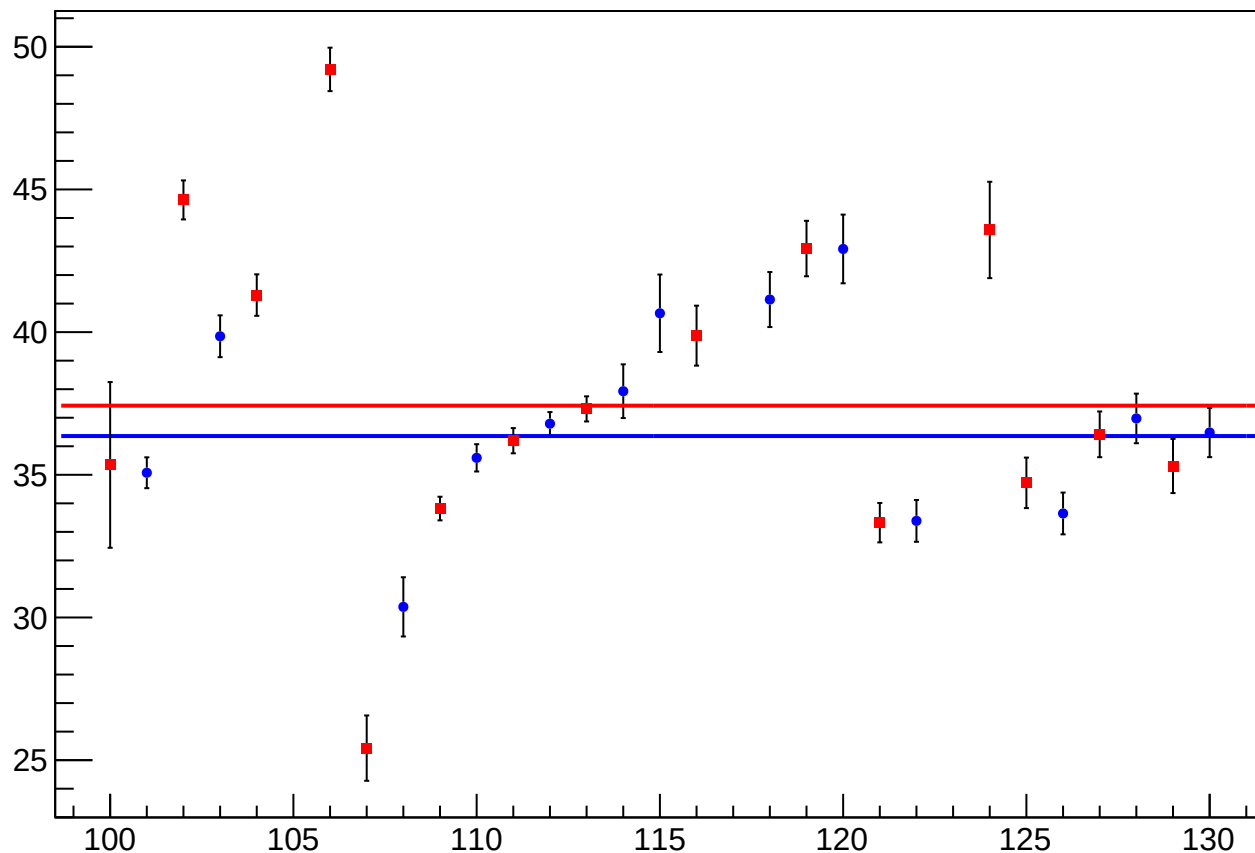
Right: -3.703+/-0.131 χ^2 /NDF: 448.3/27

In: -3.704+/-0.189 χ^2 /NDF:231.3/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -3.703+/-0.131 χ^2 /NDF: 448.3/27

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 36.358 $\pm$ 0.194 χ^2 /NDF: 163.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 37.423 $\pm$ 0.179 χ^2 /NDF: 675.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

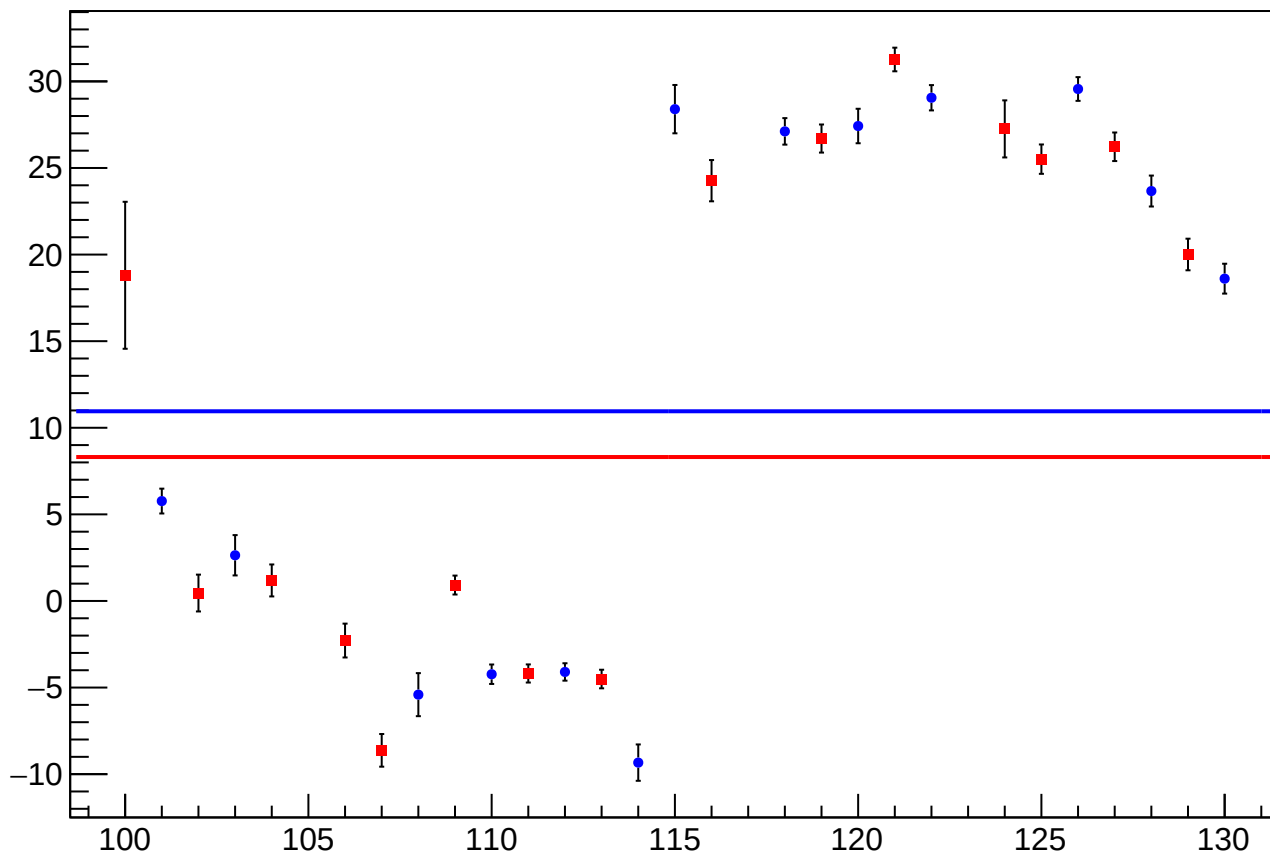
Right: 36.934 $\pm$ 0.132 χ^2 /NDF: 854.9/27

In: 36.358 $\pm$ 0.194 χ^2 /NDF:163.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 36.934 $\pm$ 0.132 χ^2 /NDF: 854.9/27

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.952+/-0.217 χ^2/NDF : 4788.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.311+/-0.206 χ^2/NDF : 4891.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

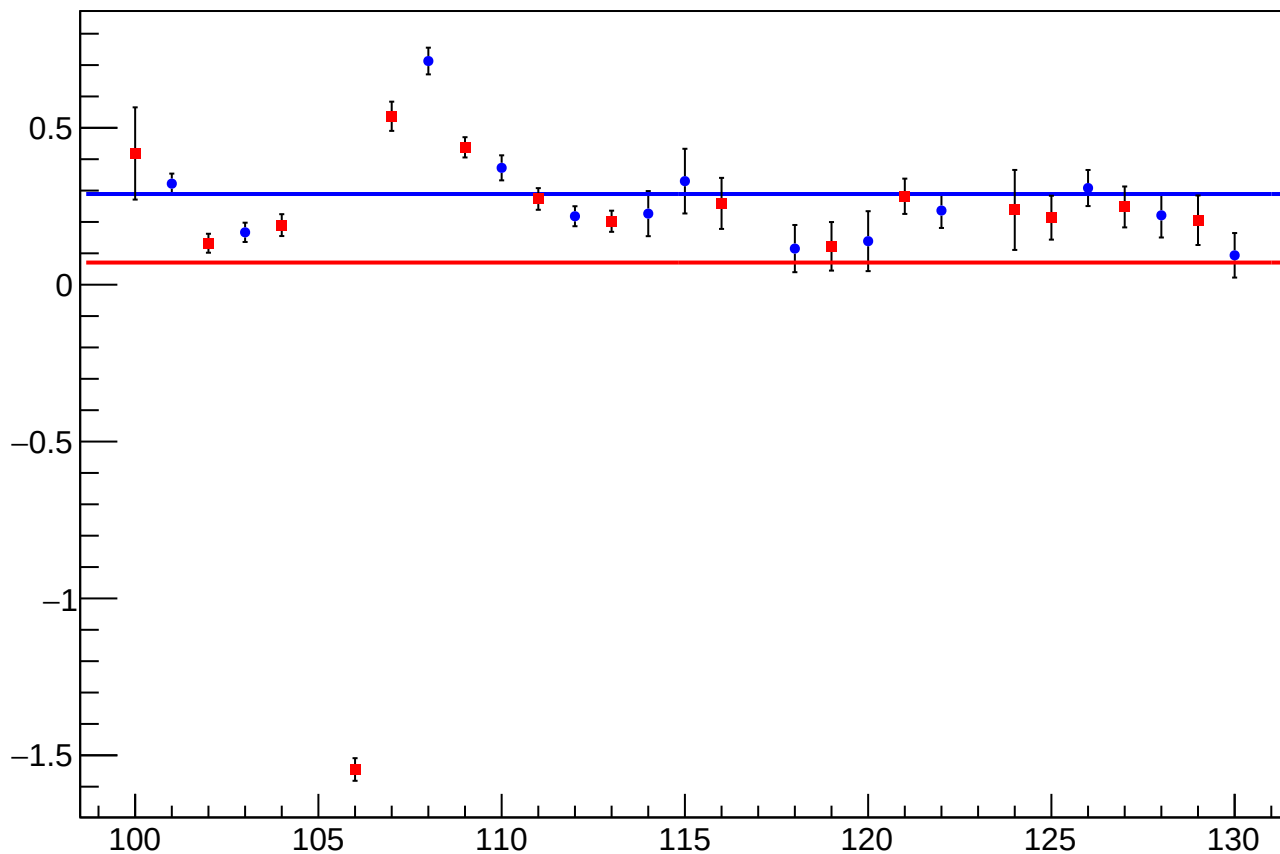
Right: 9.562+/-0.149 χ^2/NDF : 9757.2/27

In: 10.952+/-0.217 χ^2/NDF : 4788.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.562+/-0.149 χ^2/NDF : 9757.2/27

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.289+/-0.013 χ^2/NDF : 143.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.071+/-0.012 χ^2/NDF : 2343.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

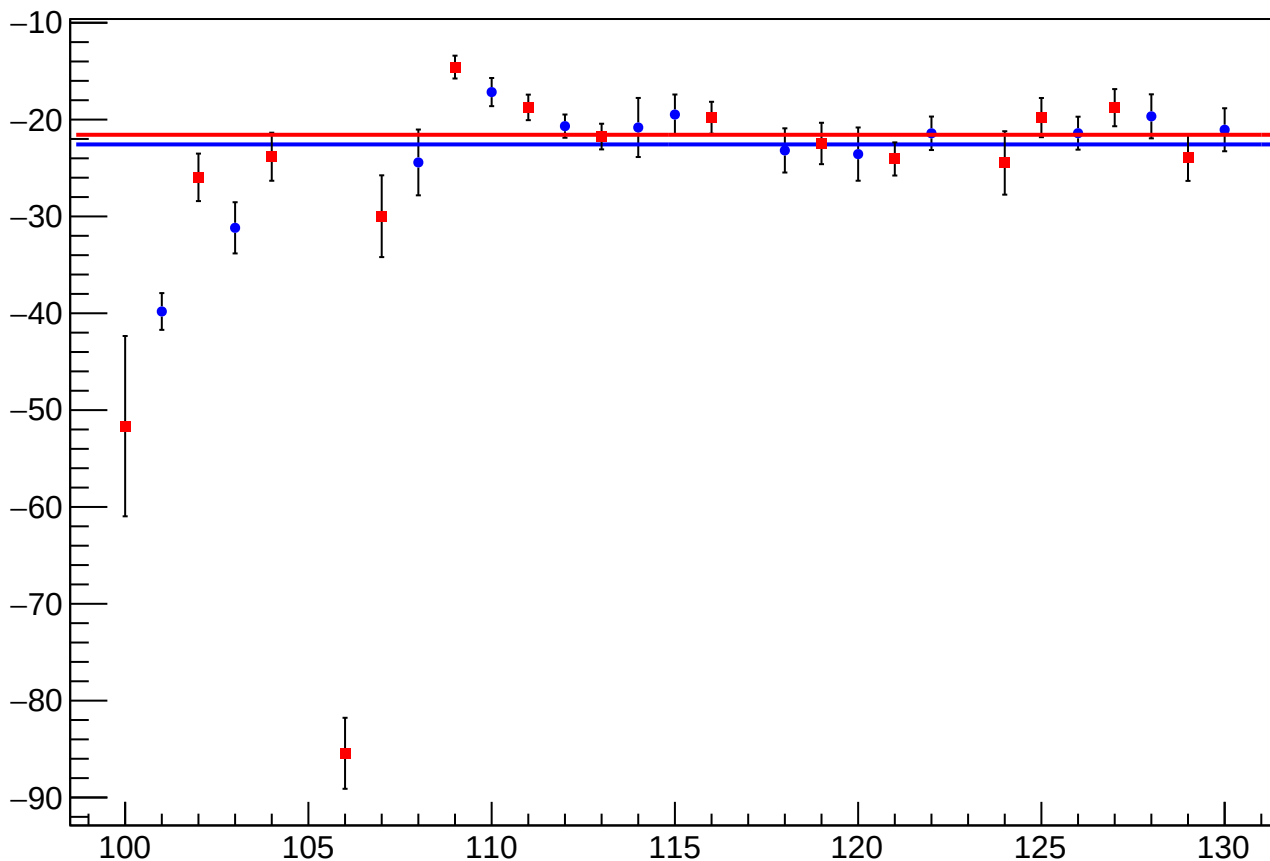
Right: 0.168+/-0.009 χ^2/NDF : 2640.4/27

In: 0.289+/-0.013 χ^2/NDF : 143.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.168+/-0.009 χ^2/NDF : 2640.4/27

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -22.564 $\pm$ 0.541 χ^2 /NDF: 115.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -21.568 $\pm$ 0.497 χ^2 /NDF: 369.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

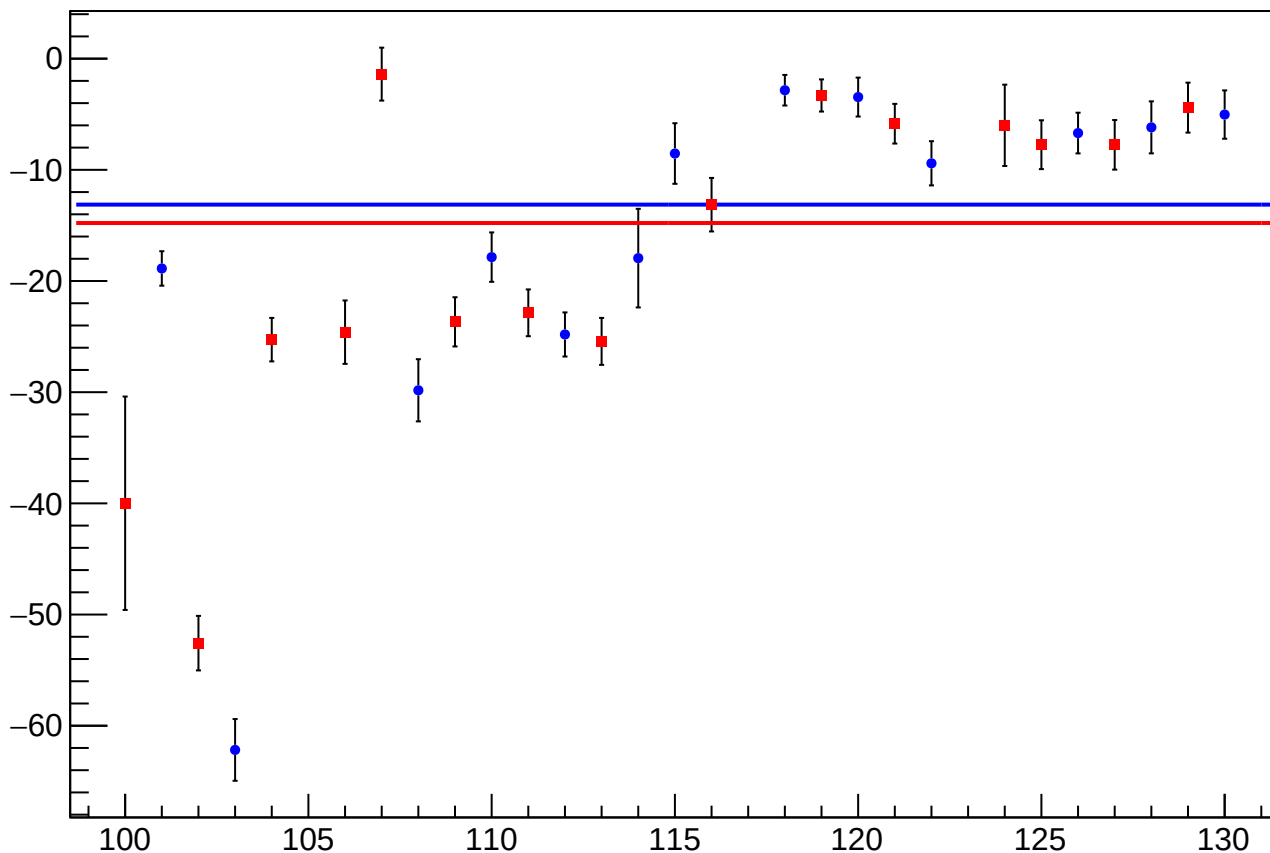
Right: -22.024 $\pm$ 0.366 χ^2 /NDF: 487.2/27

In: -22.564 $\pm$ 0.541 χ^2 /NDF:115.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -22.024 $\pm$ 0.366 χ^2 /NDF: 487.2/27

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -13.129 $\pm$ 0.566 χ^2 /NDF: 529.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -14.783 $\pm$ 0.574 χ^2 /NDF: 508.7/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

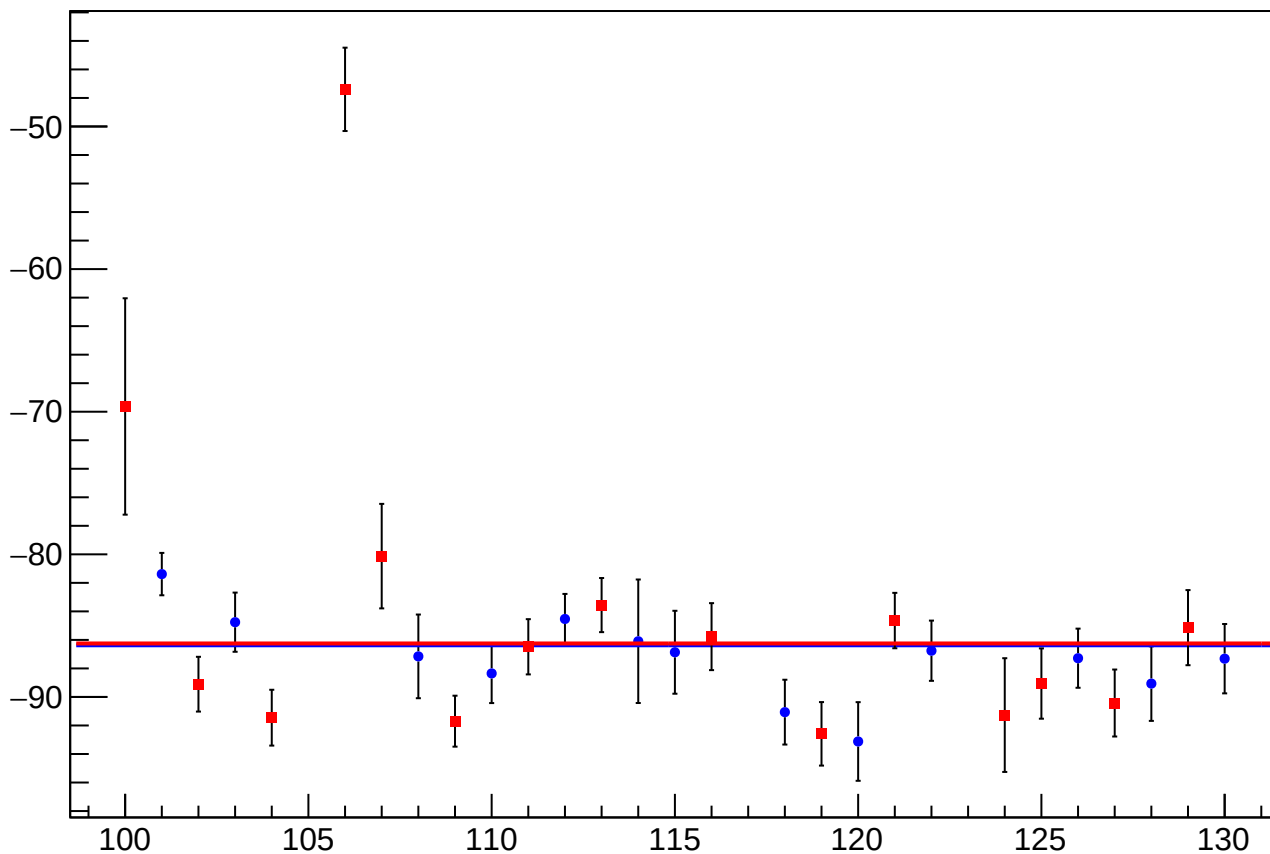
Right: -13.946 $\pm$ 0.403 χ^2 /NDF: 1042.4/27

In: -13.129 $\pm$ 0.566 χ^2 /NDF:529.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -13.946 $\pm$ 0.403 χ^2 /NDF: 1042.4/27

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -86.376+/-0.617 χ^2/NDF : 25.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -86.250+/-0.598 χ^2/NDF : 220.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

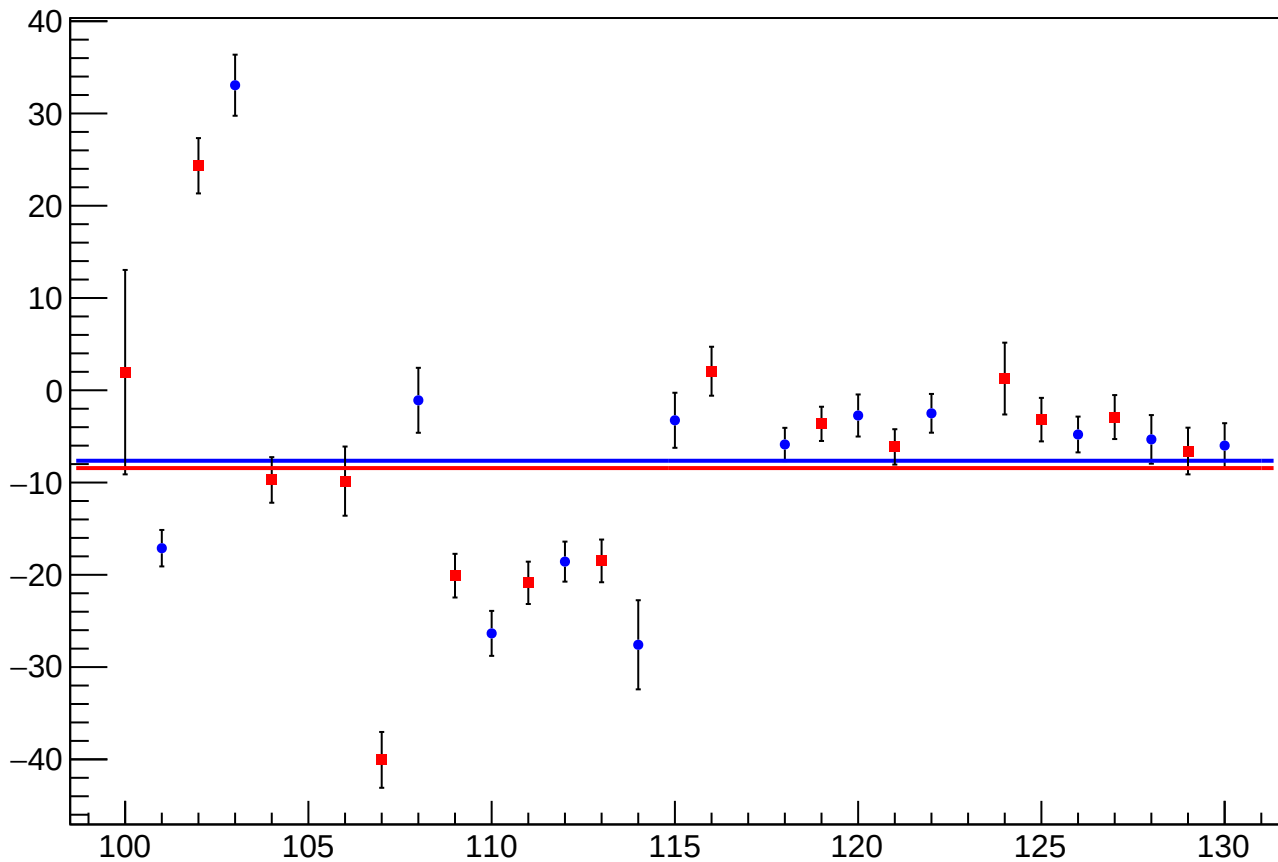
Right: -86.311+/-0.429 χ^2/NDF : 245.7/27

In: -86.376+/-0.617 χ^2/NDF :25.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -86.311+/-0.429 χ^2/NDF : 245.7/27

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -7.639 ± 0.664 χ^2/NDF : 296.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.433 ± 0.659 χ^2/NDF : 343.4/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

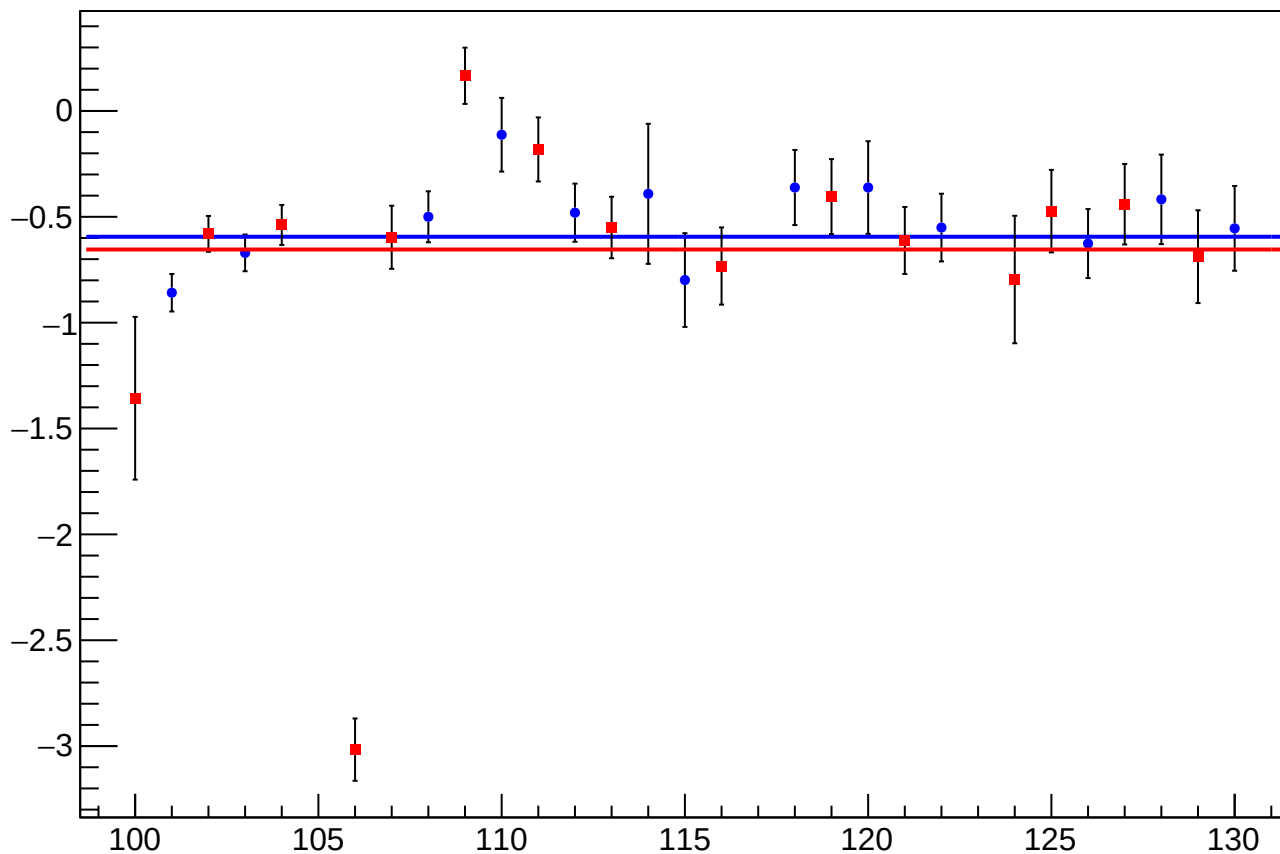
Right: -8.038 ± 0.468 χ^2/NDF : 640.3/27

In: -7.639 ± 0.664 χ^2/NDF : 296.2/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.038 ± 0.468 χ^2/NDF : 640.3/27

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.594+/-0.040 χ^2/NDF : 23.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.654+/-0.038 χ^2/NDF : 316.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

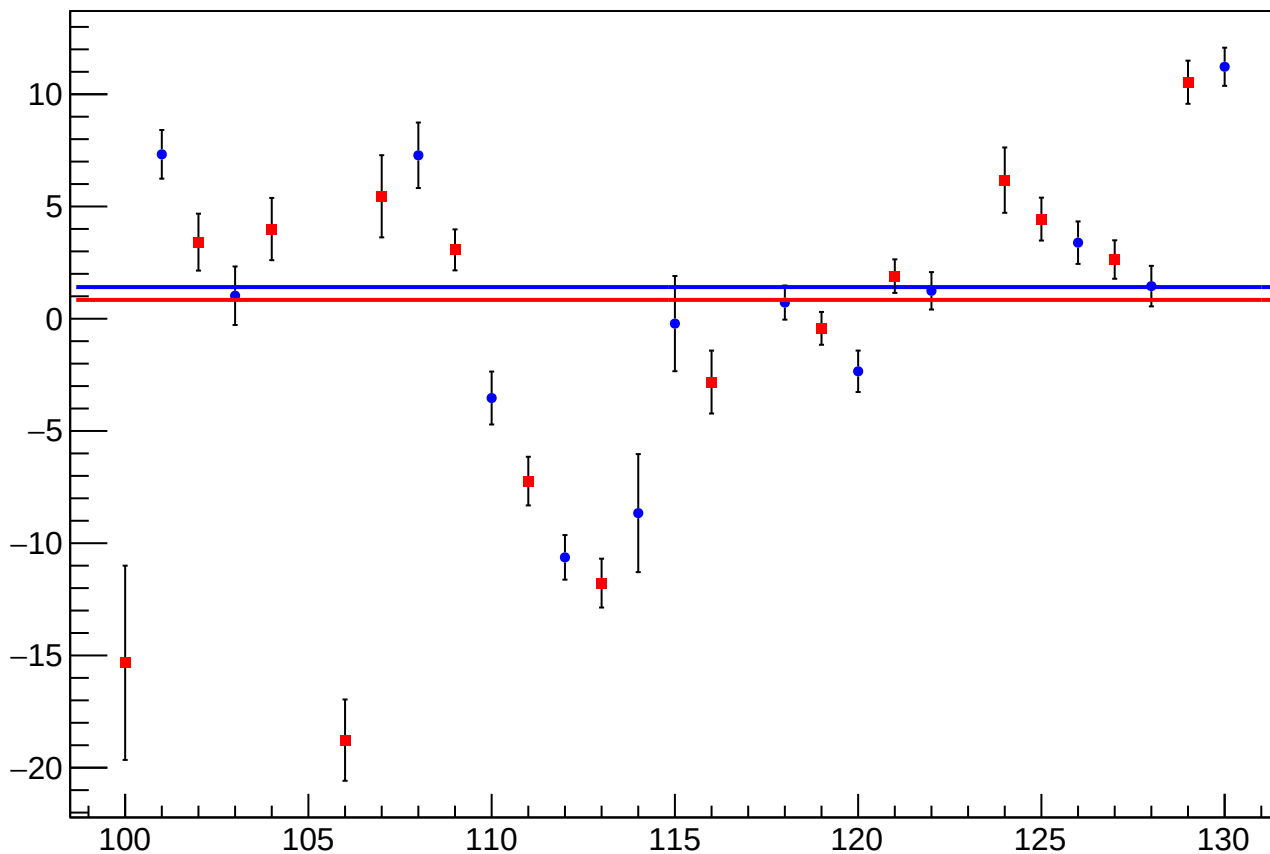
Right: -0.626+/-0.028 χ^2/NDF : 341.0/27

In: -0.594+/-0.040 χ^2/NDF : 23.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.626+/-0.028 χ^2/NDF : 341.0/27

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.410 $\pm$ 0.288 χ^2 /NDF: 380.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.839 $\pm$ 0.279 χ^2 /NDF: 488.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

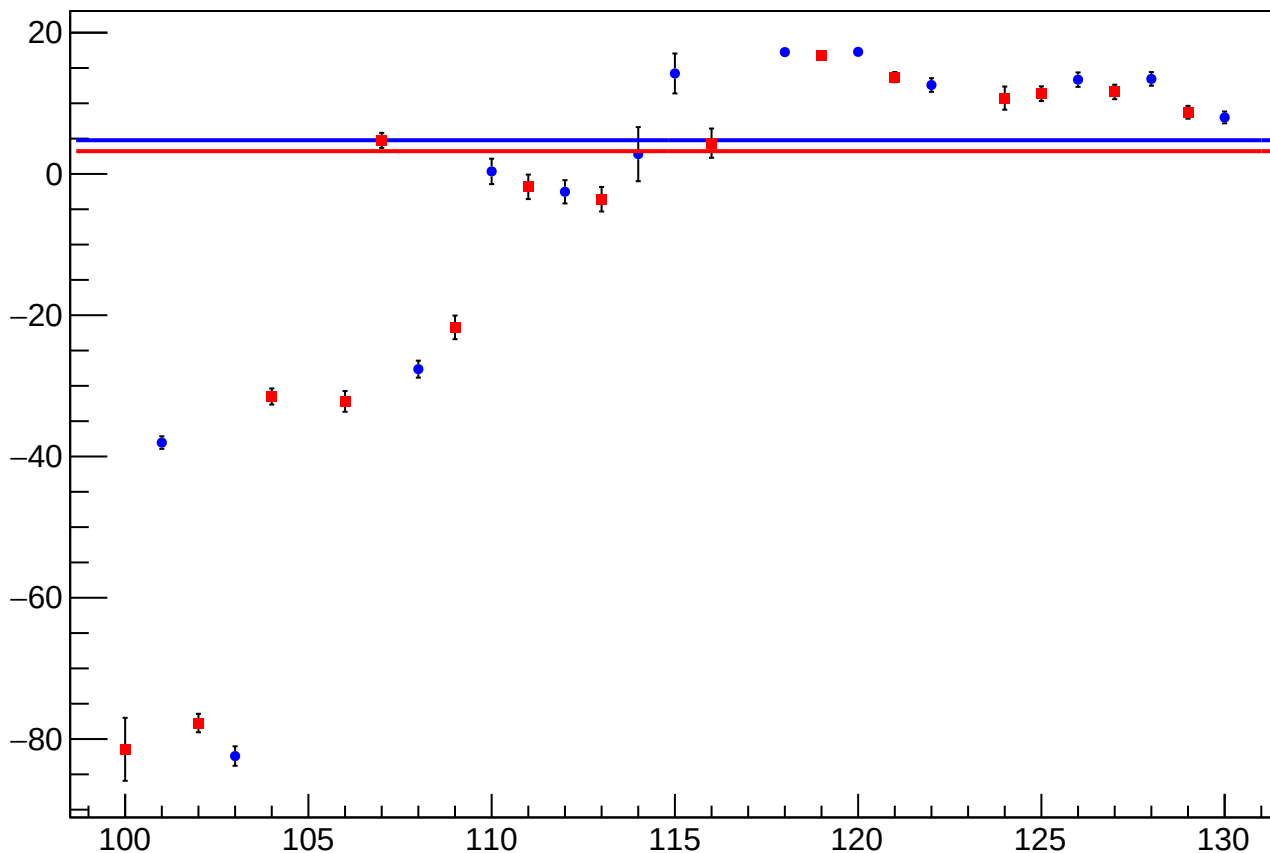
Right: 1.115 $\pm$ 0.200 χ^2 /NDF: 871.3/27

In: 1.410 $\pm$ 0.288 χ^2 /NDF:380.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.115 $\pm$ 0.200 χ^2 /NDF: 871.3/27

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.770+/-0.254 χ^2/NDF : 8512.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3.224+/-0.268 χ^2/NDF : 7157.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

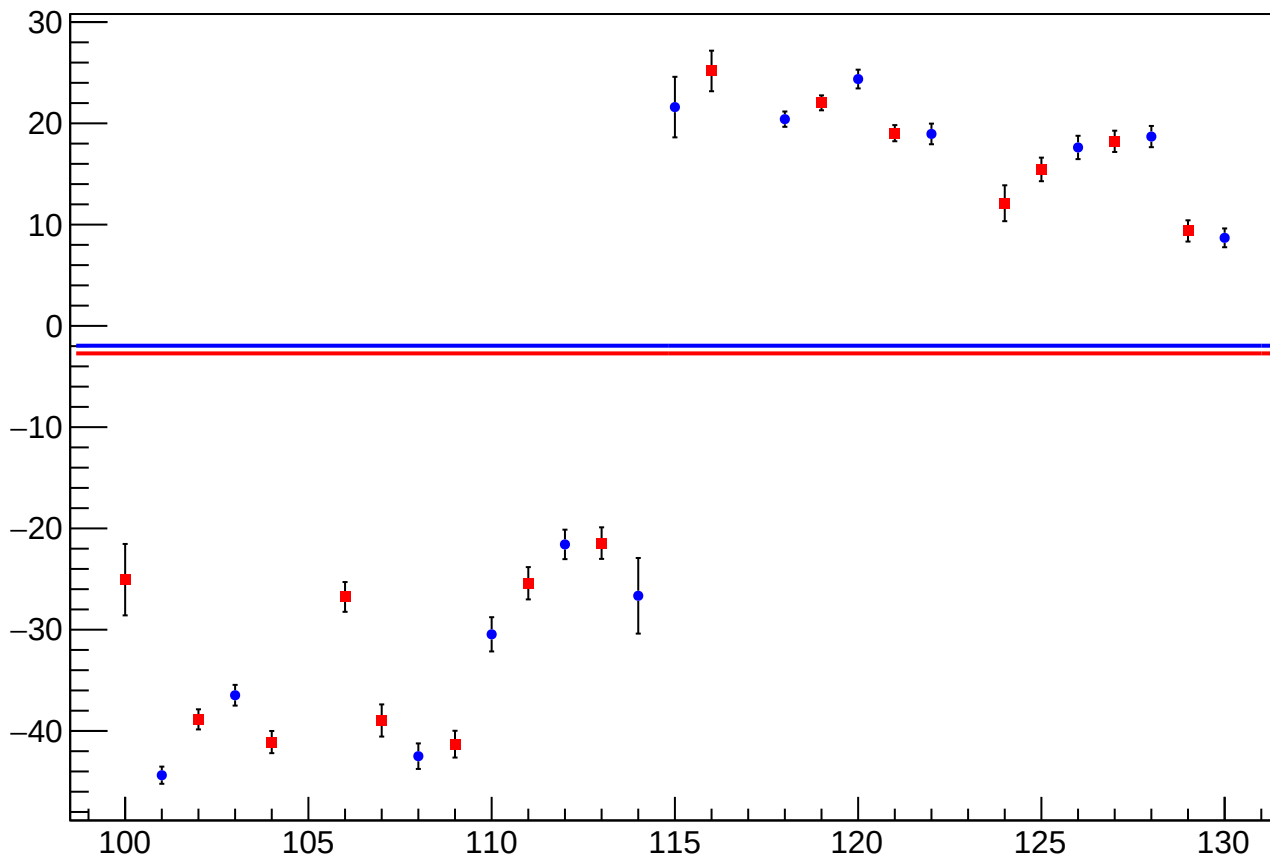
Right: 4.039+/-0.185 χ^2/NDF : 15688.2/27

In: 4.770+/-0.254 χ^2/NDF :8512.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4.039+/-0.185 χ^2/NDF : 15688.2/27

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.958+/-0.306 χ^2/NDF : 8154.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.717+/-0.306 χ^2/NDF : 7486.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

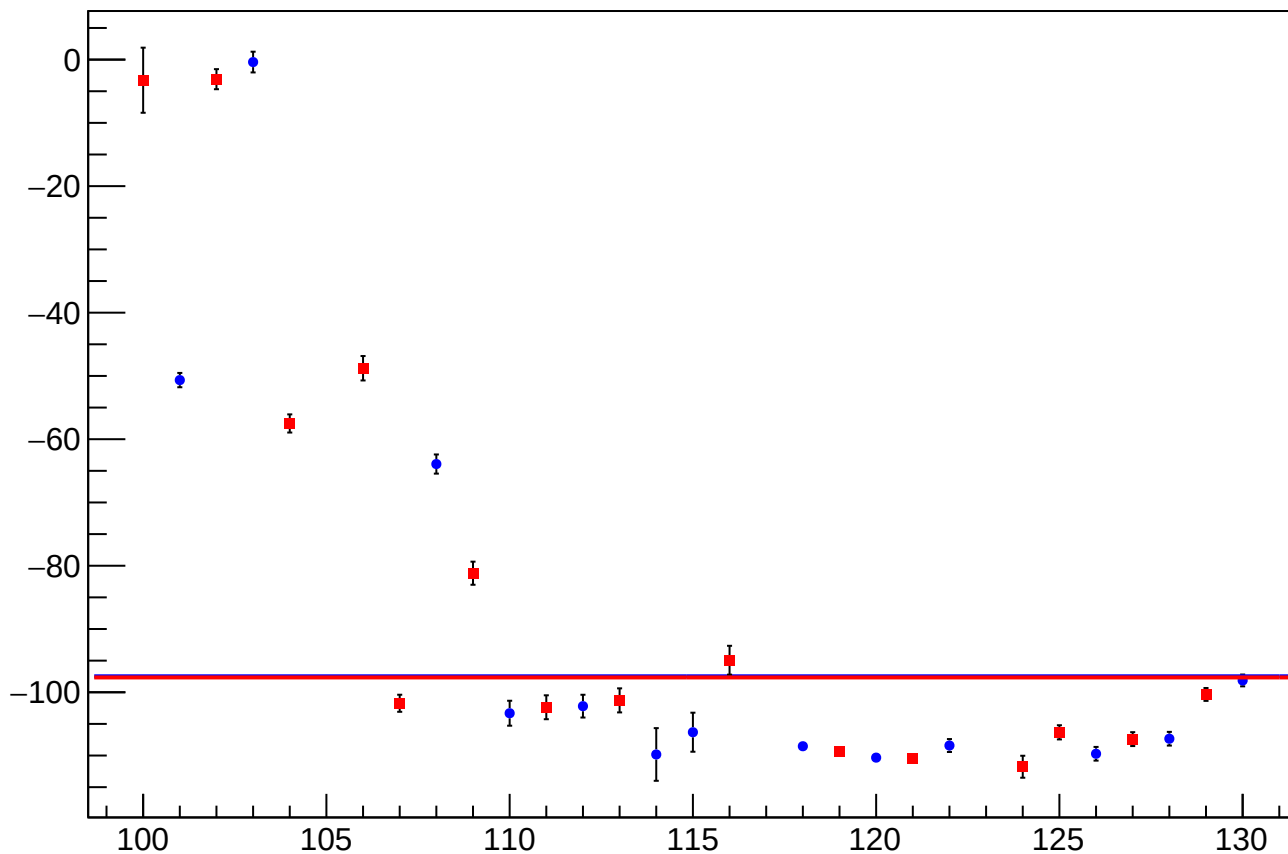
Right: -2.338+/-0.216 χ^2/NDF : 15644.3/27

In: -1.958+/-0.306 χ^2/NDF :8154.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.338+/-0.216 χ^2/NDF : 15644.3/27

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -97.474+/-0.307 χ^2/NDF : 6694.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -97.657+/-0.316 χ^2/NDF : 6261.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

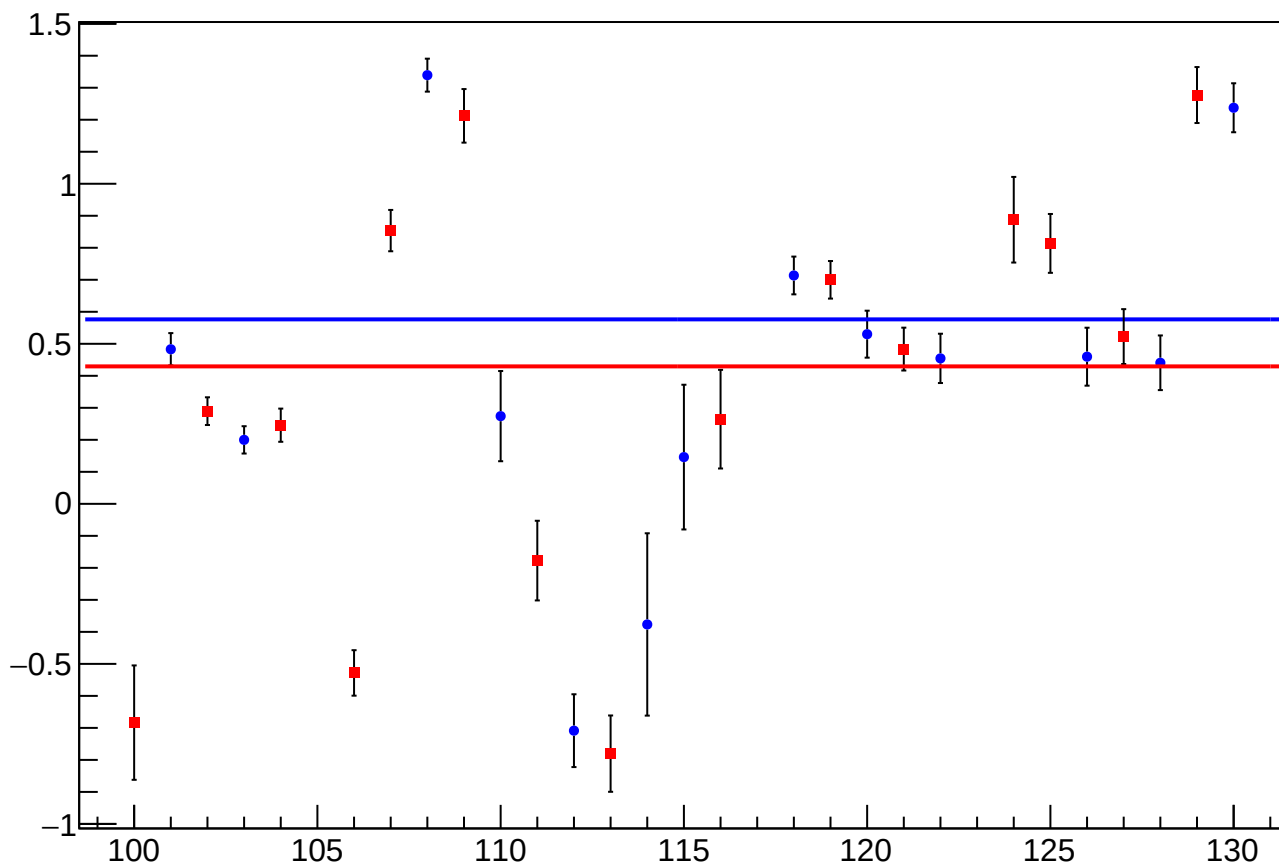
Right: -97.563+/-0.220 χ^2/NDF : 12955.6/27

In: -97.474+/-0.307 χ^2/NDF :6694.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -97.563+/-0.220 χ^2/NDF : 12955.6/27

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.576+/-0.020 χ^2/NDF : 535.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.429+/-0.019 χ^2/NDF : 648.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

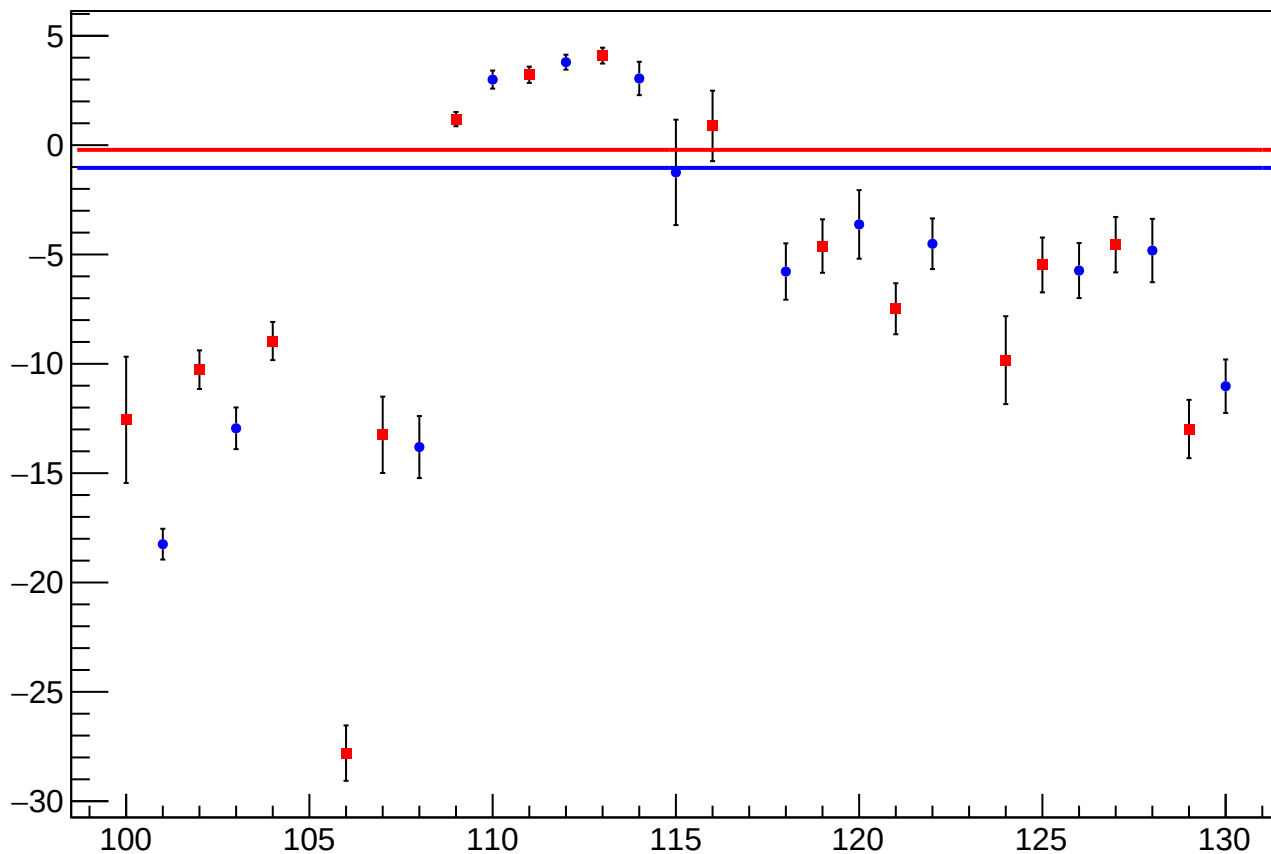
Right: 0.501+/-0.014 χ^2/NDF : 1211.3/27

In: 0.576+/-0.020 χ^2/NDF : 535.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.501+/-0.014 χ^2/NDF : 1211.3/27

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.040 ± 0.206 χ^2/NDF : 1272.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.215 ± 0.177 χ^2/NDF : 1219.8/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

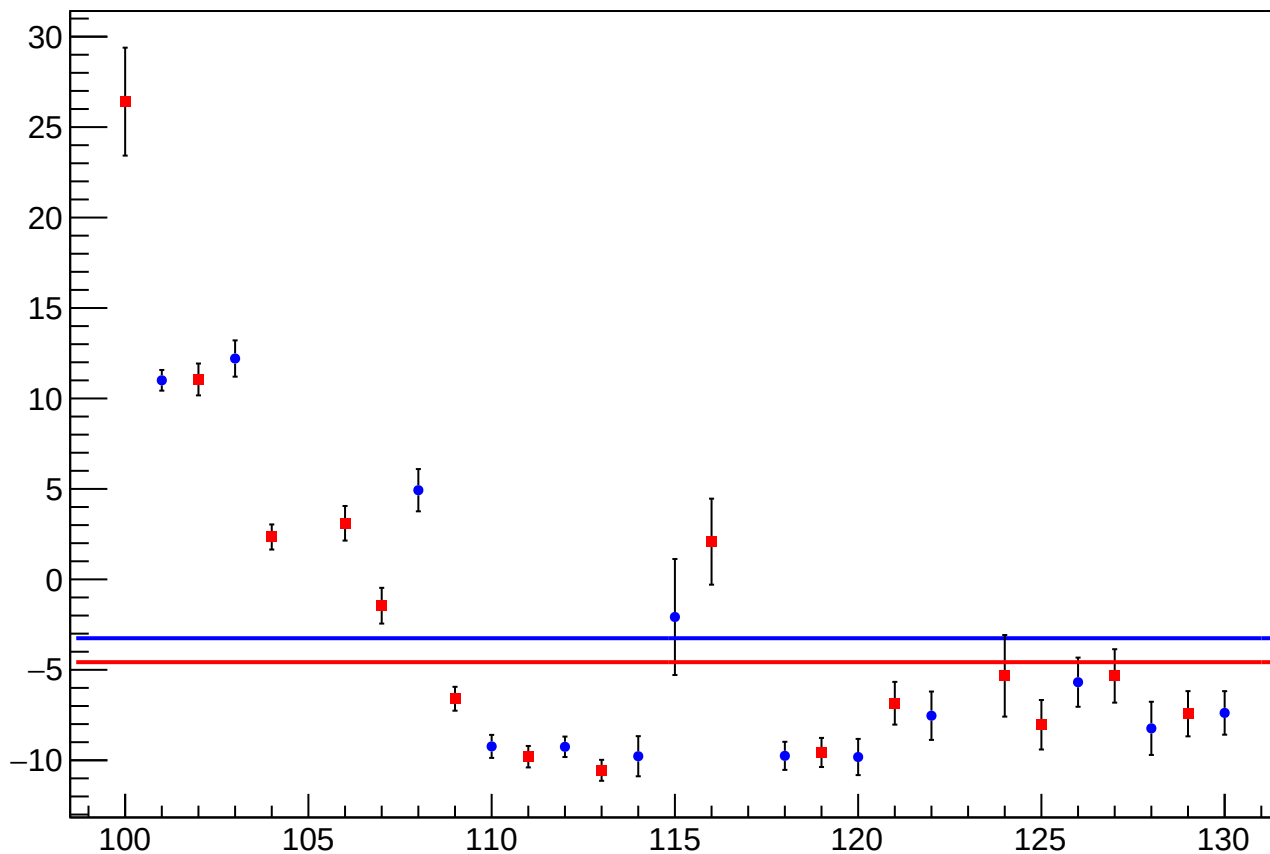
Right: -0.565 ± 0.135 χ^2/NDF : 2501.3/27

In: -1.040 ± 0.206 χ^2/NDF : 1272.3/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.565 ± 0.135 χ^2/NDF : 2501.3/27

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.254+/-0.248 χ^2/NDF : 1294.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.577+/-0.236 χ^2/NDF : 852.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

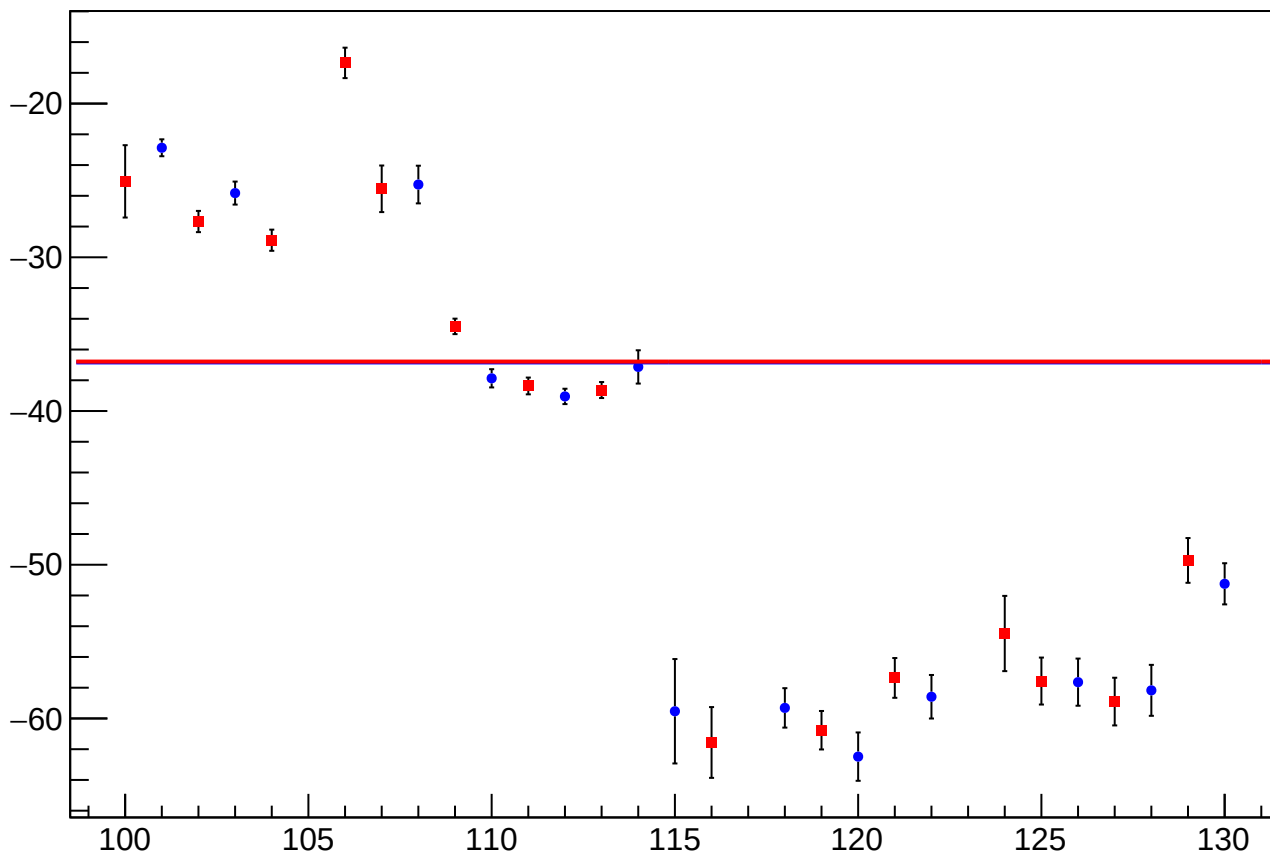
Right: -3.949+/-0.171 χ^2/NDF : 2161.2/27

In: -3.254+/-0.248 χ^2/NDF : 1294.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.949+/-0.171 χ^2/NDF : 2161.2/27

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -36.840 ± 0.247 $\chi^2/\text{NDF}: 2291.5/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -36.783 ± 0.225 $\chi^2/\text{NDF}: 2067.6/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

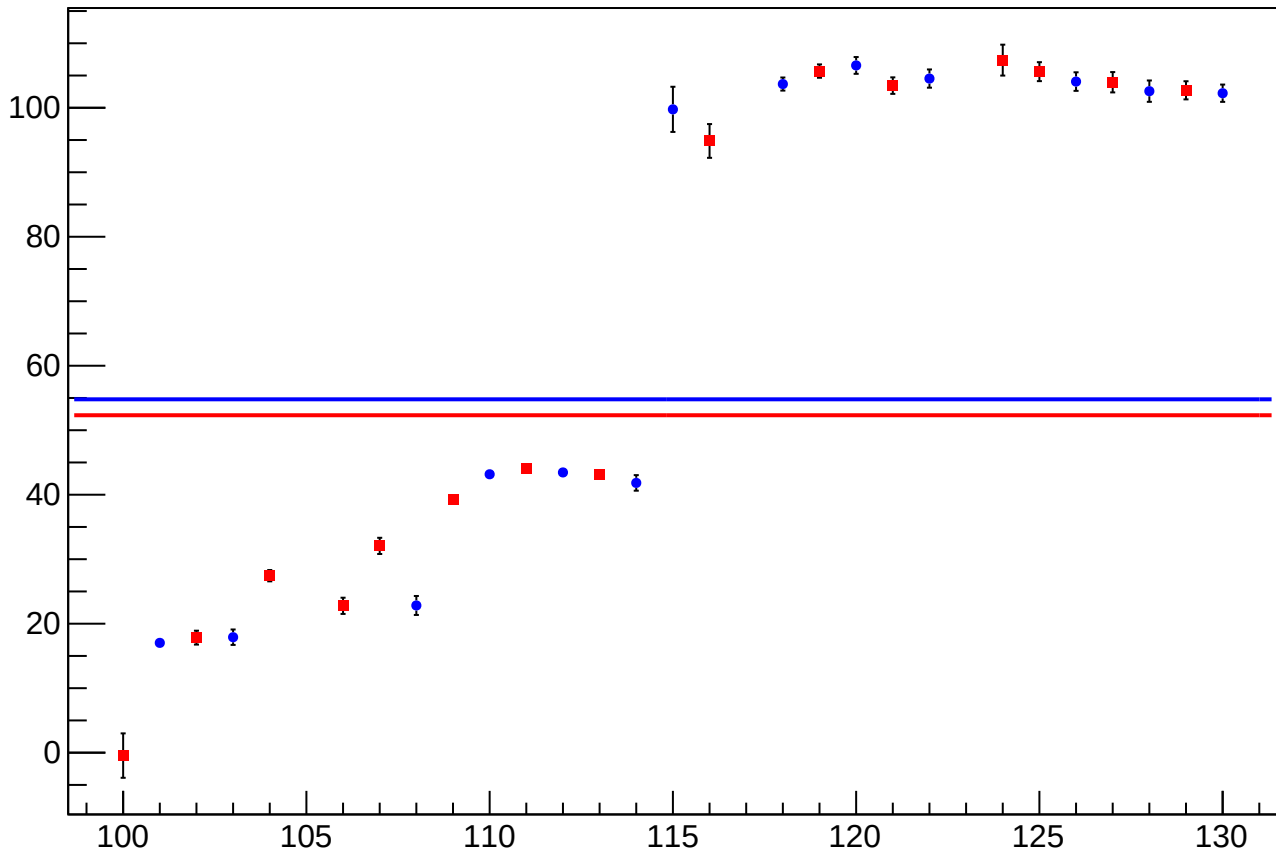
Right: -36.809 ± 0.166 $\chi^2/\text{NDF}: 4359.2/27$

In: -36.840 ± 0.247 $\chi^2/\text{NDF}: 2291.5/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -36.809 ± 0.166 $\chi^2/\text{NDF}: 4359.2/27$

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.793+/-0.289 χ^2/NDF : 13404.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 52.323+/-0.270 χ^2/NDF : 12327.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

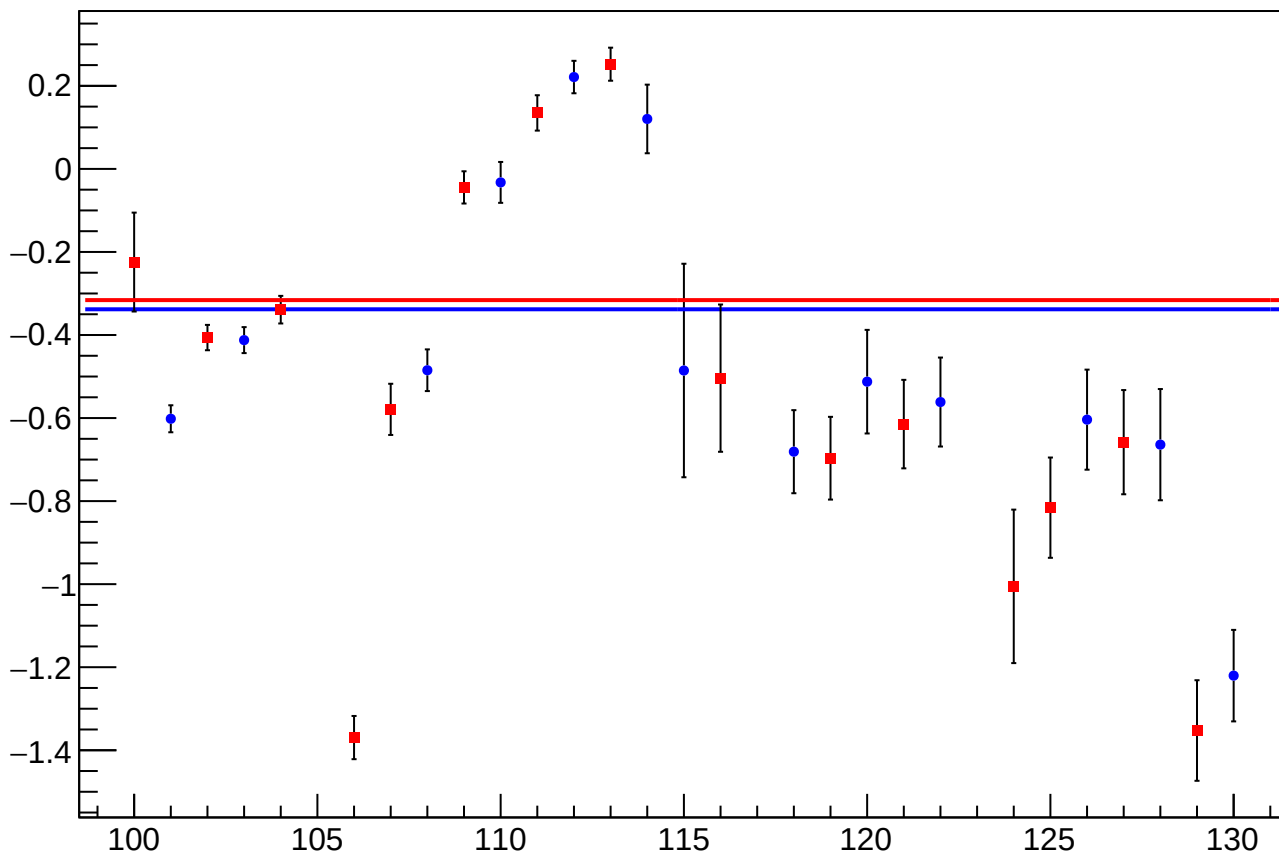
Right: 53.474+/-0.197 χ^2/NDF : 25770.9/27

In: 54.793+/-0.289 χ^2/NDF :13404.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 53.474+/-0.197 χ^2/NDF : 25770.9/27

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.338 $\pm$ 0.016 χ^2 /NDF: 447.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.316 $\pm$ 0.014 χ^2 /NDF: 938.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

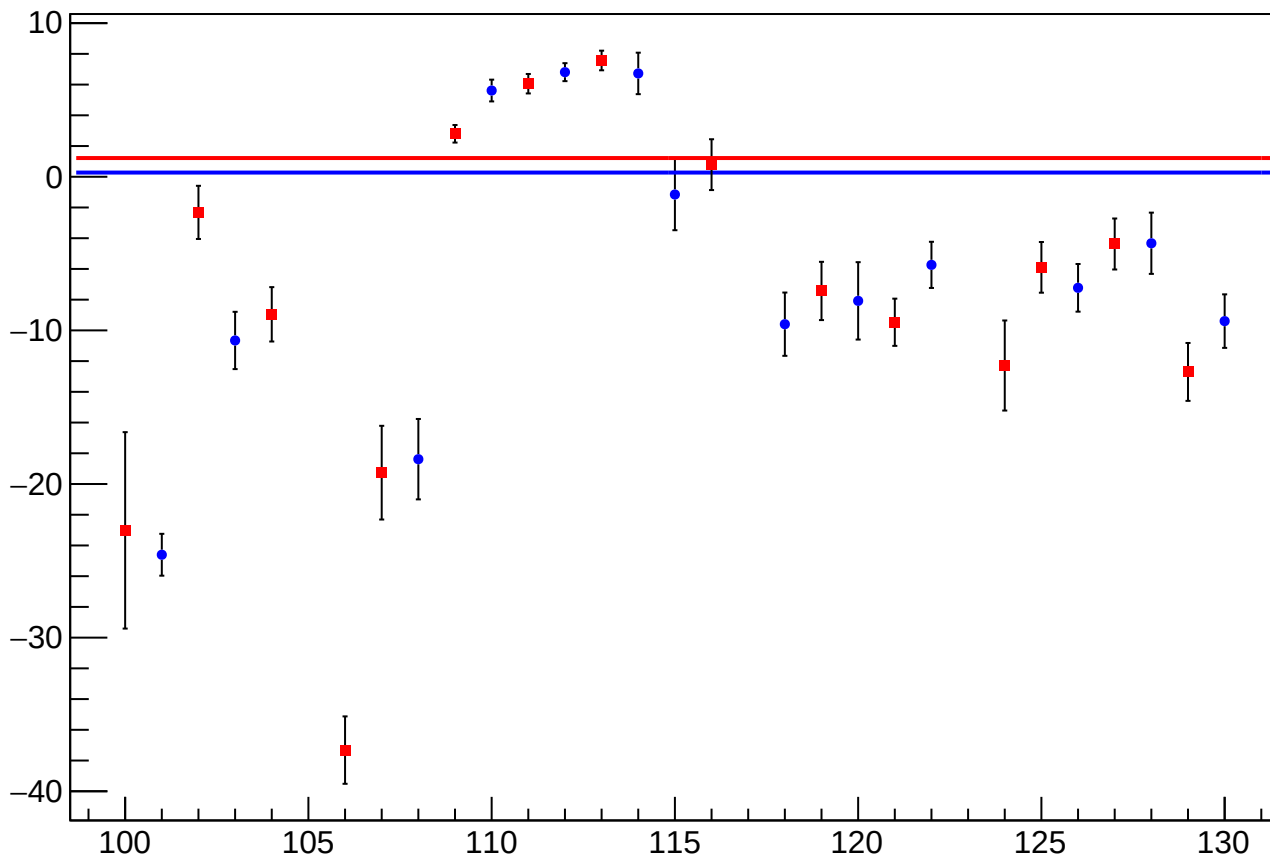
Right: -0.326 $\pm$ 0.011 χ^2 /NDF: 1386.6/27

In: -0.338 $\pm$ 0.016 χ^2 /NDF:447.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.326 $\pm$ 0.011 χ^2 /NDF: 1386.6/27

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.273+/-0.344 χ^2/NDF : 733.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.218+/-0.299 χ^2/NDF : 745.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

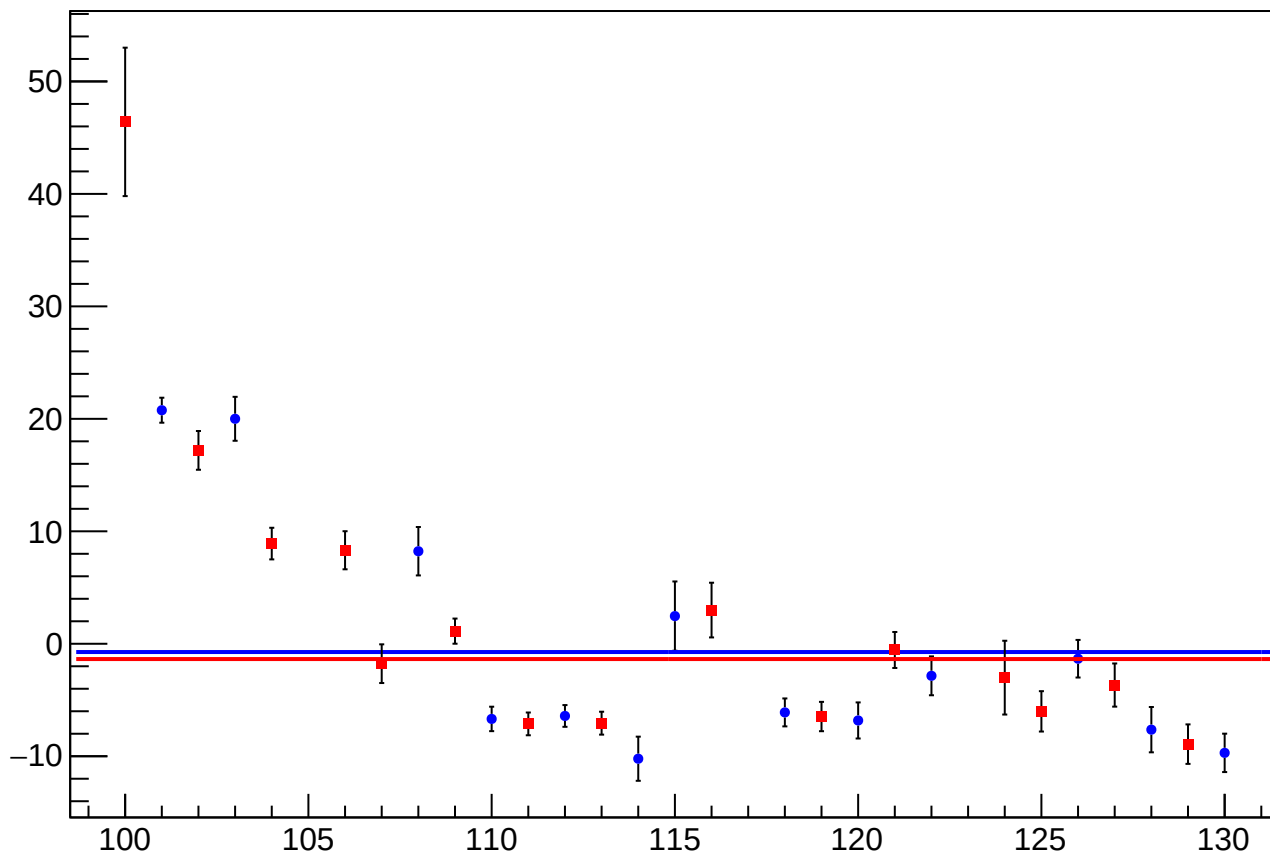
Right: 0.812+/-0.226 χ^2/NDF : 1482.5/27

In: 0.273+/-0.344 χ^2/NDF : 733.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.812+/-0.226 χ^2/NDF : 1482.5/27

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.735 ± 0.412 χ^2/NDF : 667.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.359 ± 0.394 χ^2/NDF : 368.8/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

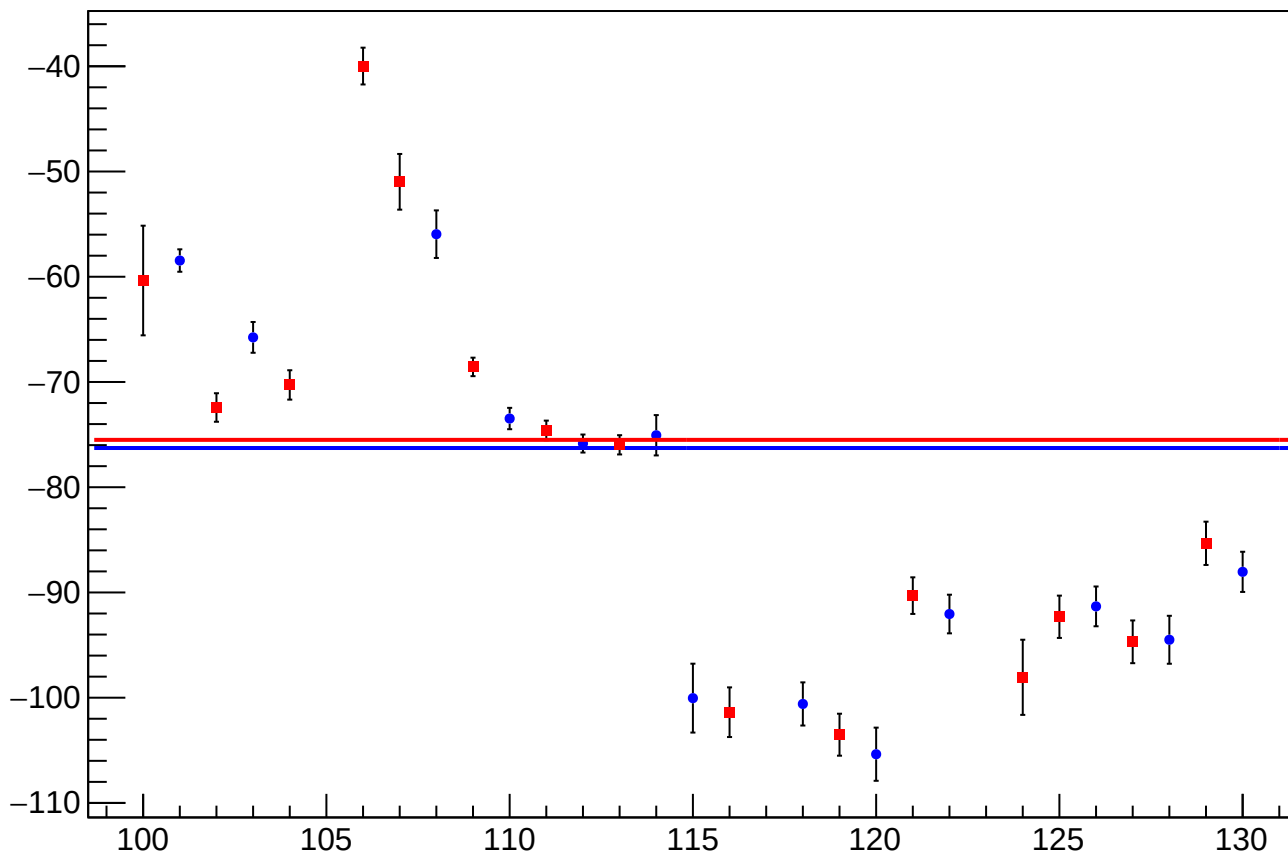
Right: -1.061 ± 0.285 χ^2/NDF : 1037.5/27

In: -0.735 ± 0.412 χ^2/NDF : 667.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.061 ± 0.285 χ^2/NDF : 1037.5/27

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.274+/-0.419 χ^2/NDF : 985.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -75.500+/-0.384 χ^2/NDF : 1201.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

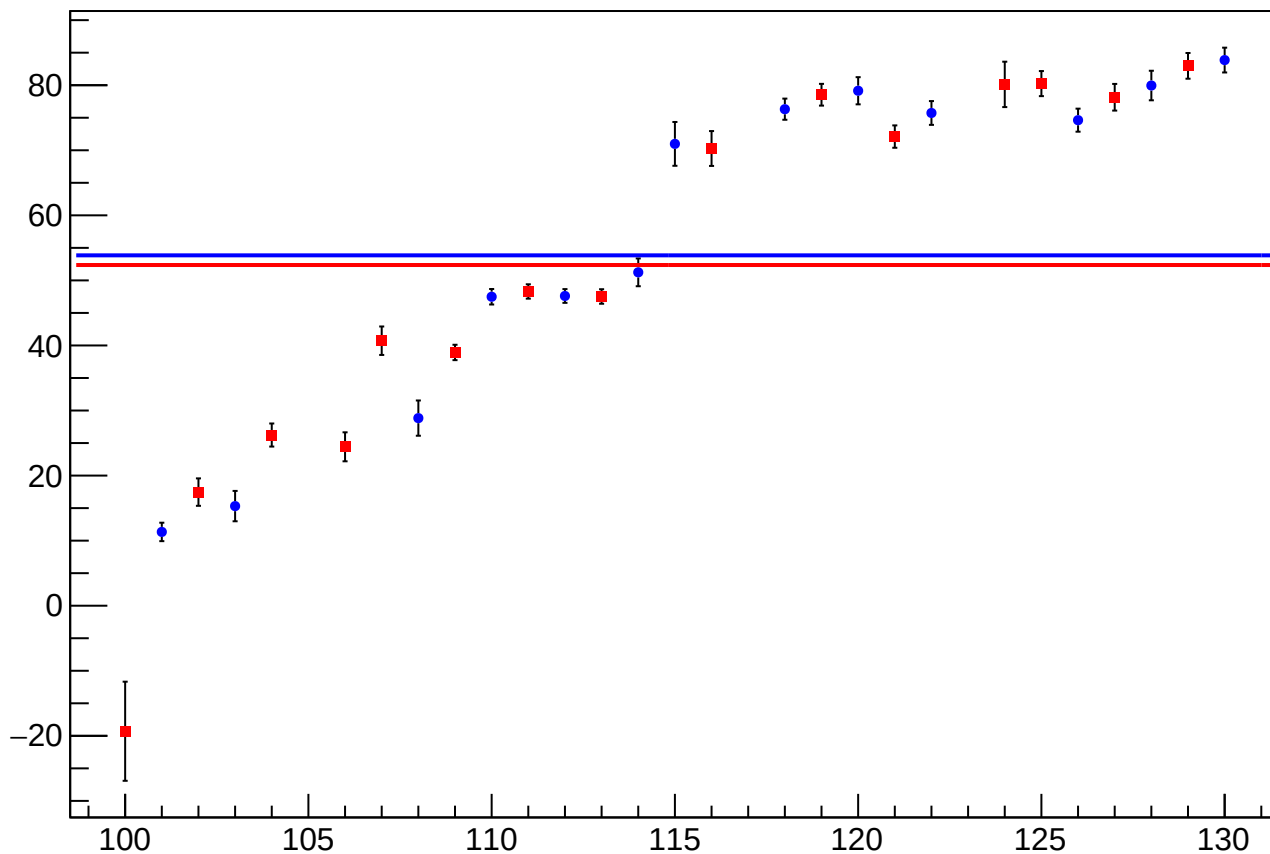
Right: -75.853+/-0.283 χ^2/NDF : 2188.8/27

In: -76.274+/-0.419 χ^2/NDF : 985.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -75.853+/-0.283 χ^2/NDF : 2188.8/27

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 53.851+/-0.476 χ^2/NDF : 2348.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.364+/-0.448 χ^2/NDF : 2019.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

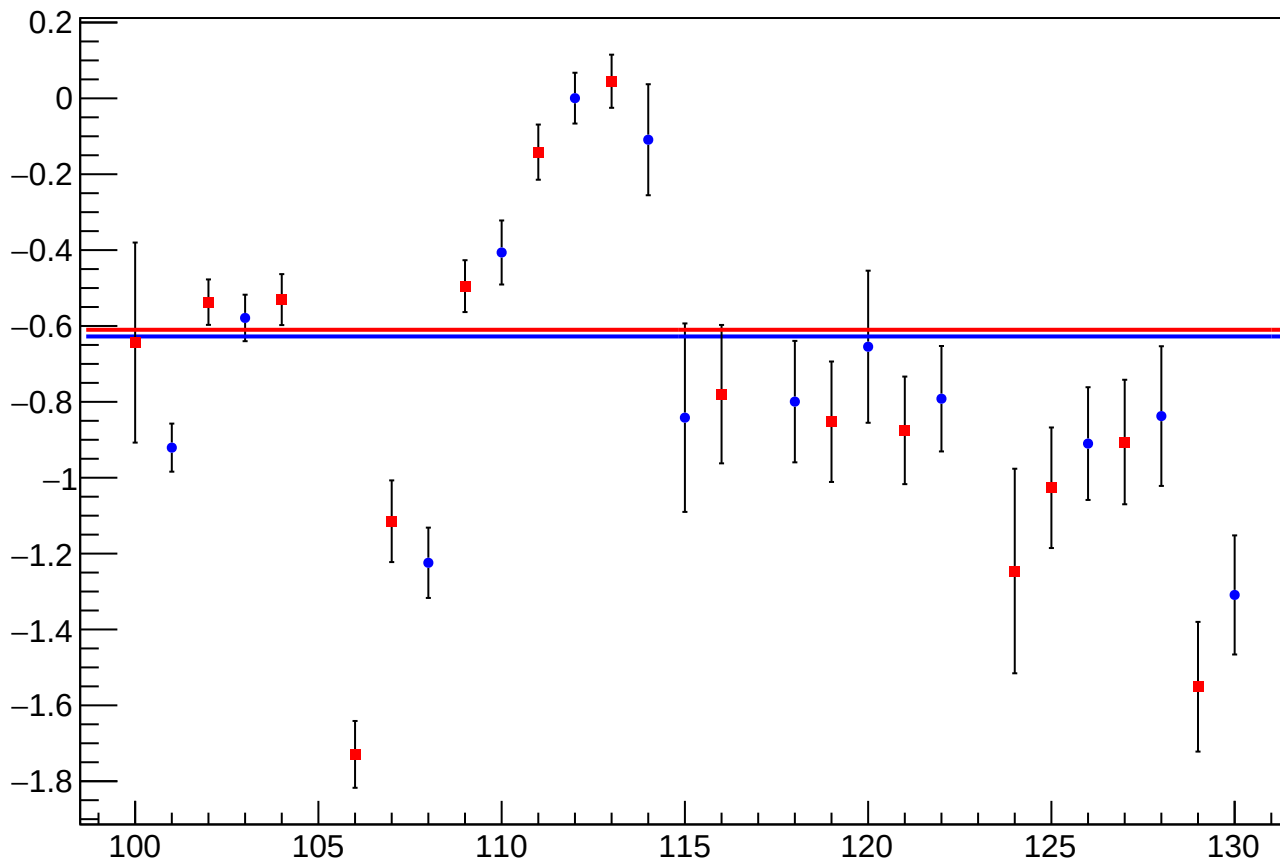
Right: 53.062+/-0.326 χ^2/NDF : 4372.6/27

In: 53.851+/-0.476 χ^2/NDF : 2348.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.062+/-0.326 χ^2/NDF : 4372.6/27

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.628 ± 0.028 χ^2/NDF : 198.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.610 ± 0.025 χ^2/NDF : 370.8/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

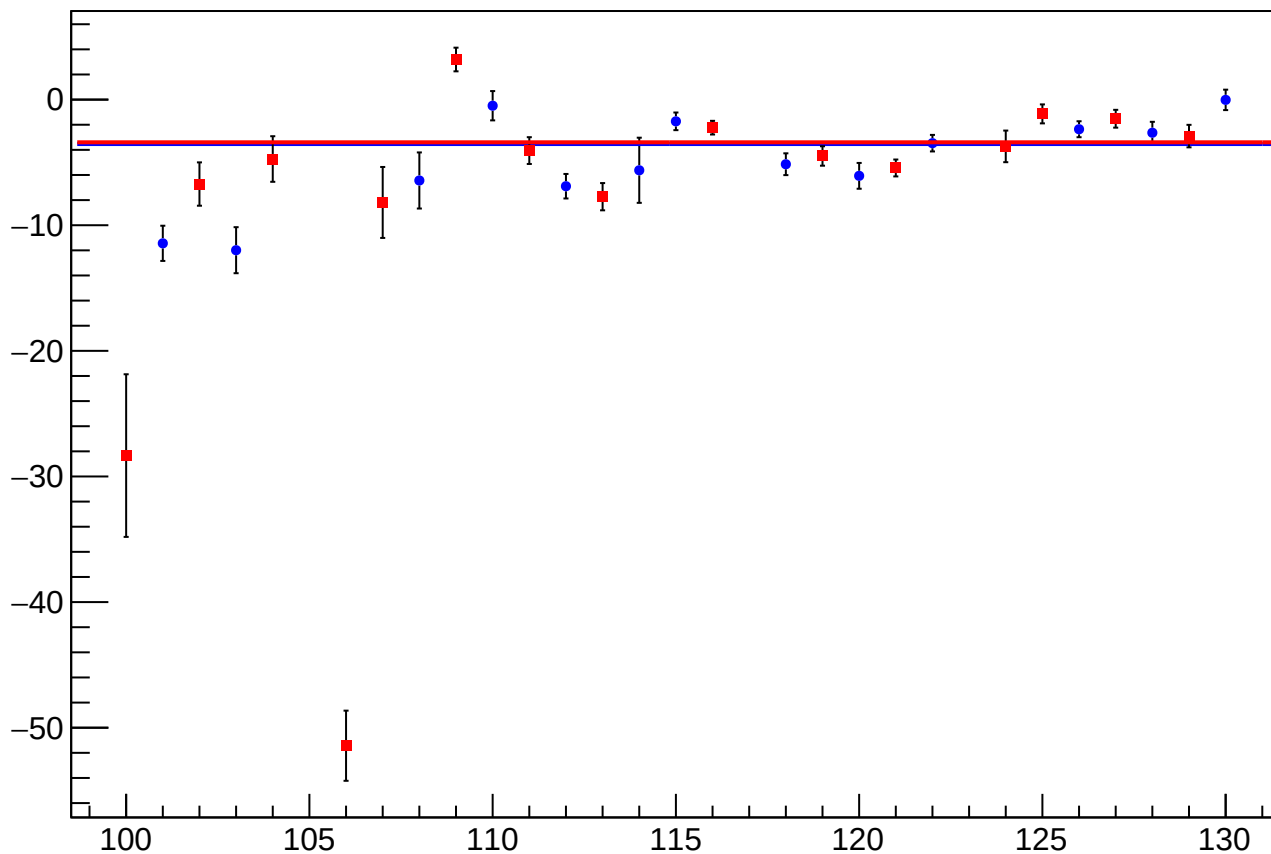
Right: -0.618 ± 0.019 χ^2/NDF : 569.1/27

In: -0.628 ± 0.028 χ^2/NDF : 198.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.618 ± 0.019 χ^2/NDF : 569.1/27

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.537 ± 0.259 χ^2/NDF : 113.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.398 ± 0.245 χ^2/NDF : 415.4/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

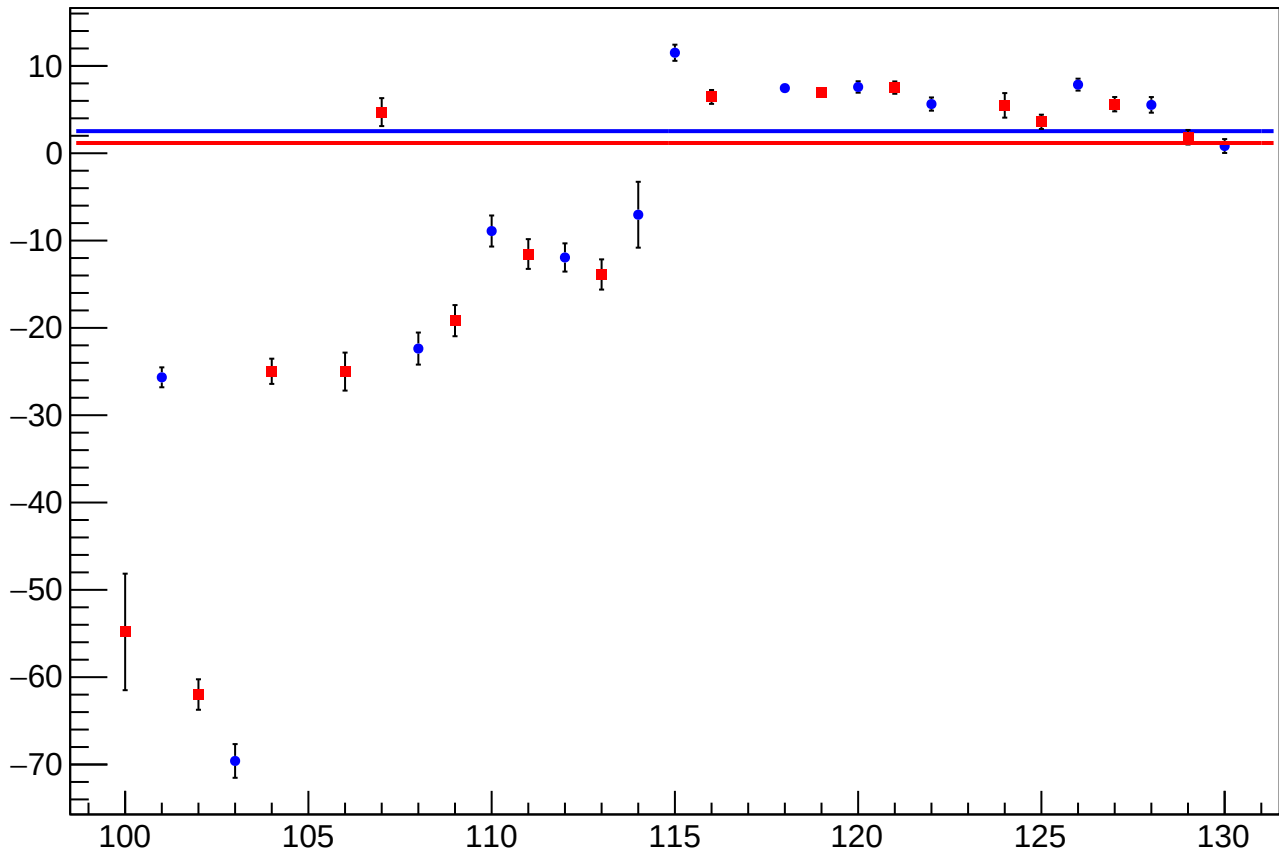
Right: -3.464 ± 0.178 χ^2/NDF : 529.0/27

In: -3.537 ± 0.259 χ^2/NDF : 113.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.464 ± 0.178 χ^2/NDF : 529.0/27

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.532+/-0.250 χ^2/NDF : 2654.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.174+/-0.264 χ^2/NDF : 2408.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

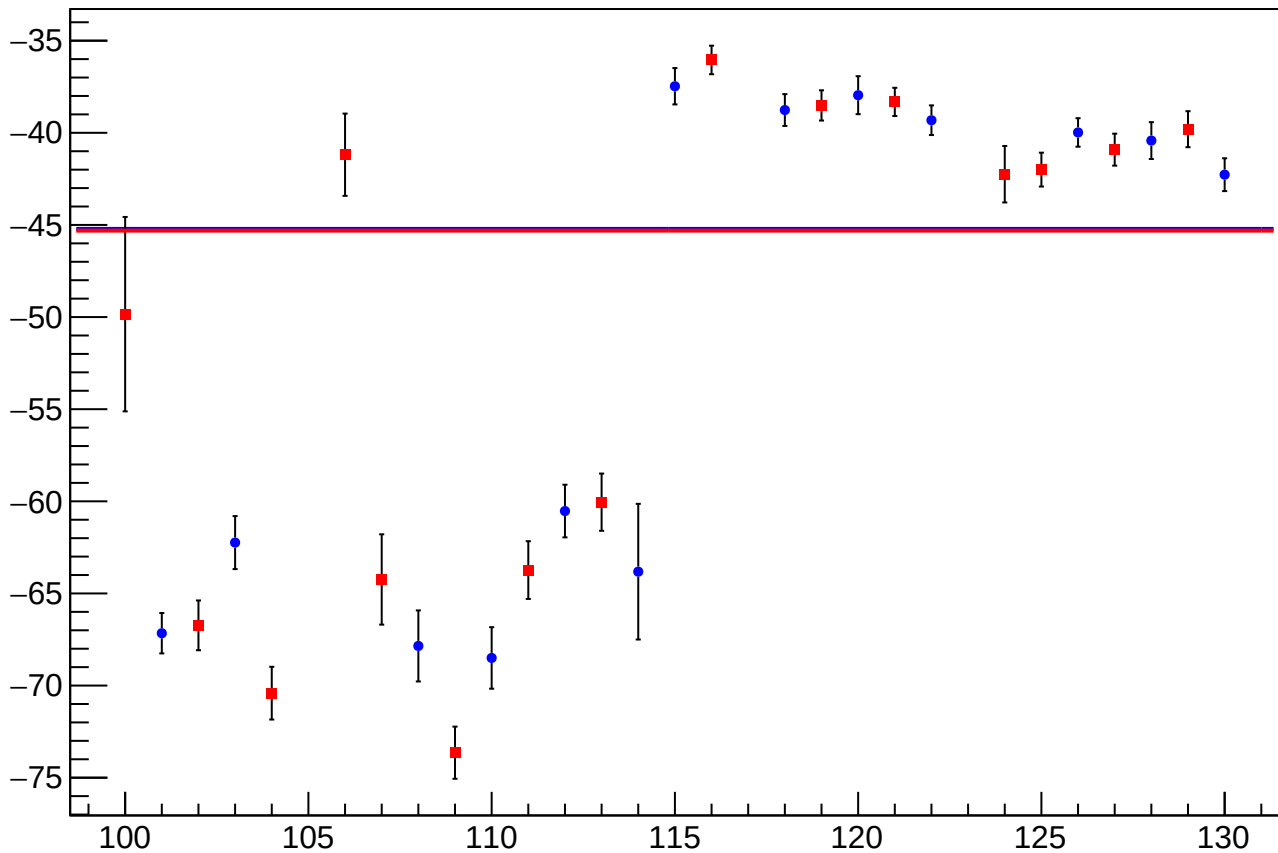
Right: 1.889+/-0.182 χ^2/NDF : 5077.0/27

In: 2.532+/-0.250 χ^2/NDF :2654.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.889+/-0.182 χ^2/NDF : 5077.0/27

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.215+/-0.298 χ^2/NDF : 1314.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -45.308+/-0.294 χ^2/NDF : 1620.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

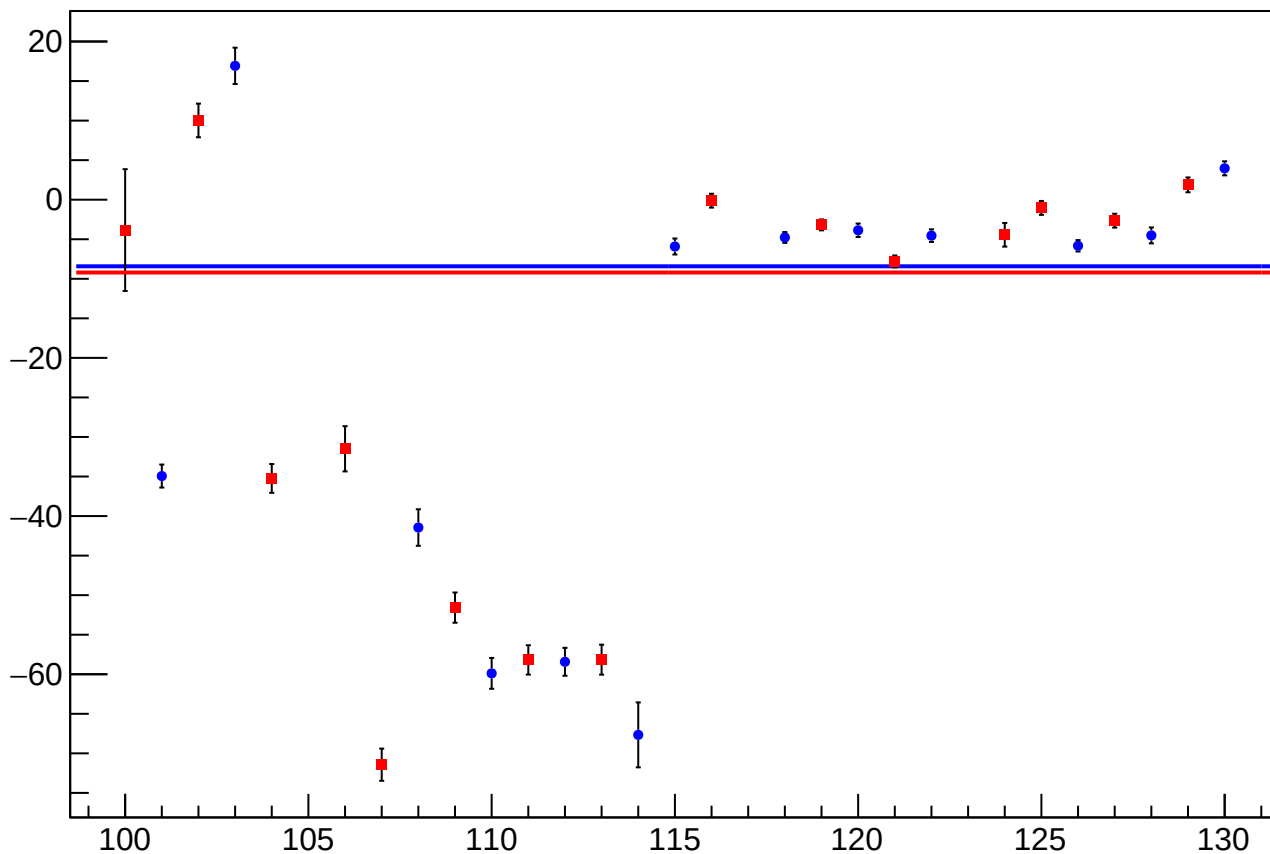
Right: -45.262+/-0.209 χ^2/NDF : 2934.8/27

In: -45.215+/-0.298 χ^2/NDF : 1314.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -45.262+/-0.209 χ^2/NDF : 2934.8/27

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -8.420+/-0.292 χ^2/NDF : 2674.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.205+/-0.301 χ^2/NDF : 3615.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

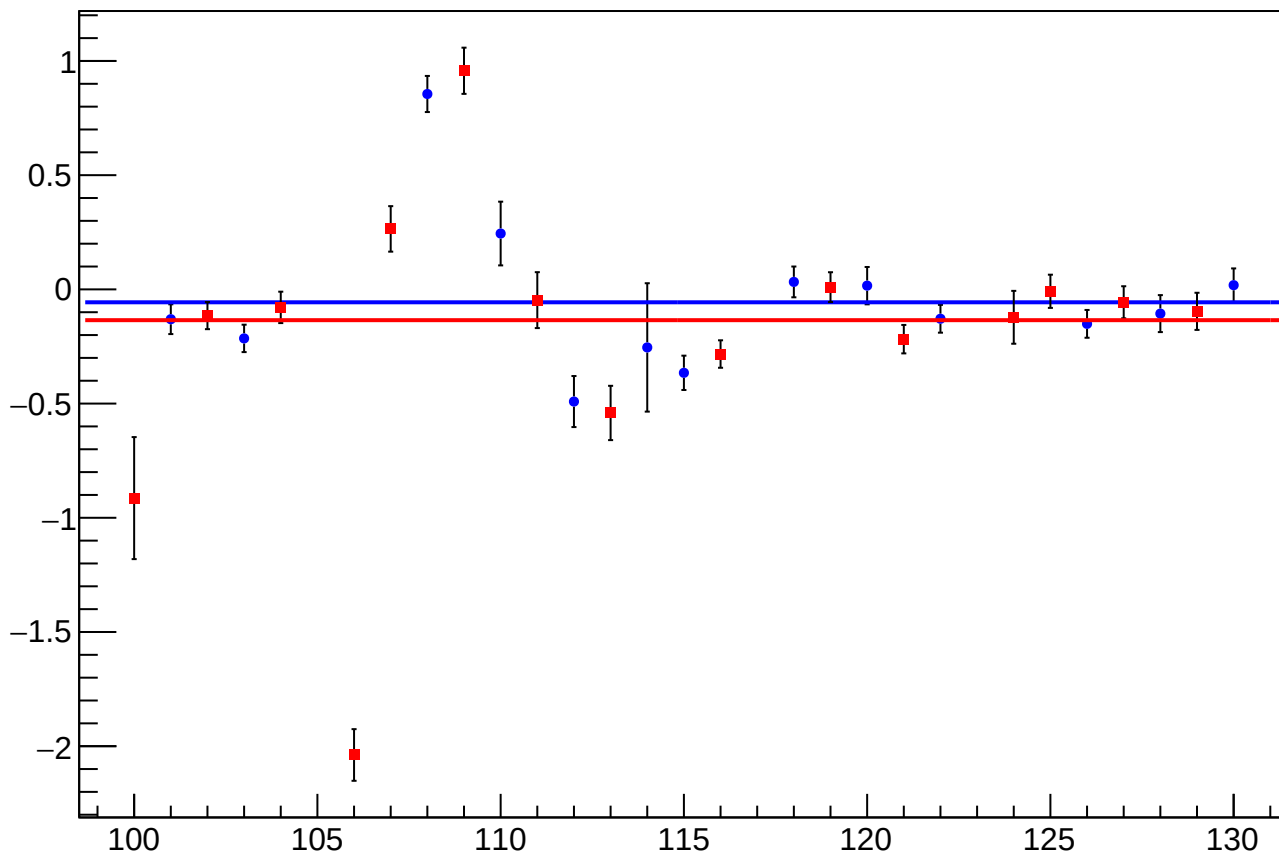
Right: -8.802+/-0.210 χ^2/NDF : 6293.1/27

In: -8.420+/-0.292 χ^2/NDF : 2674.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.802+/-0.210 χ^2/NDF : 6293.1/27

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.057+/-0.021 χ^2/NDF : 186.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.135+/-0.021 χ^2/NDF : 454.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

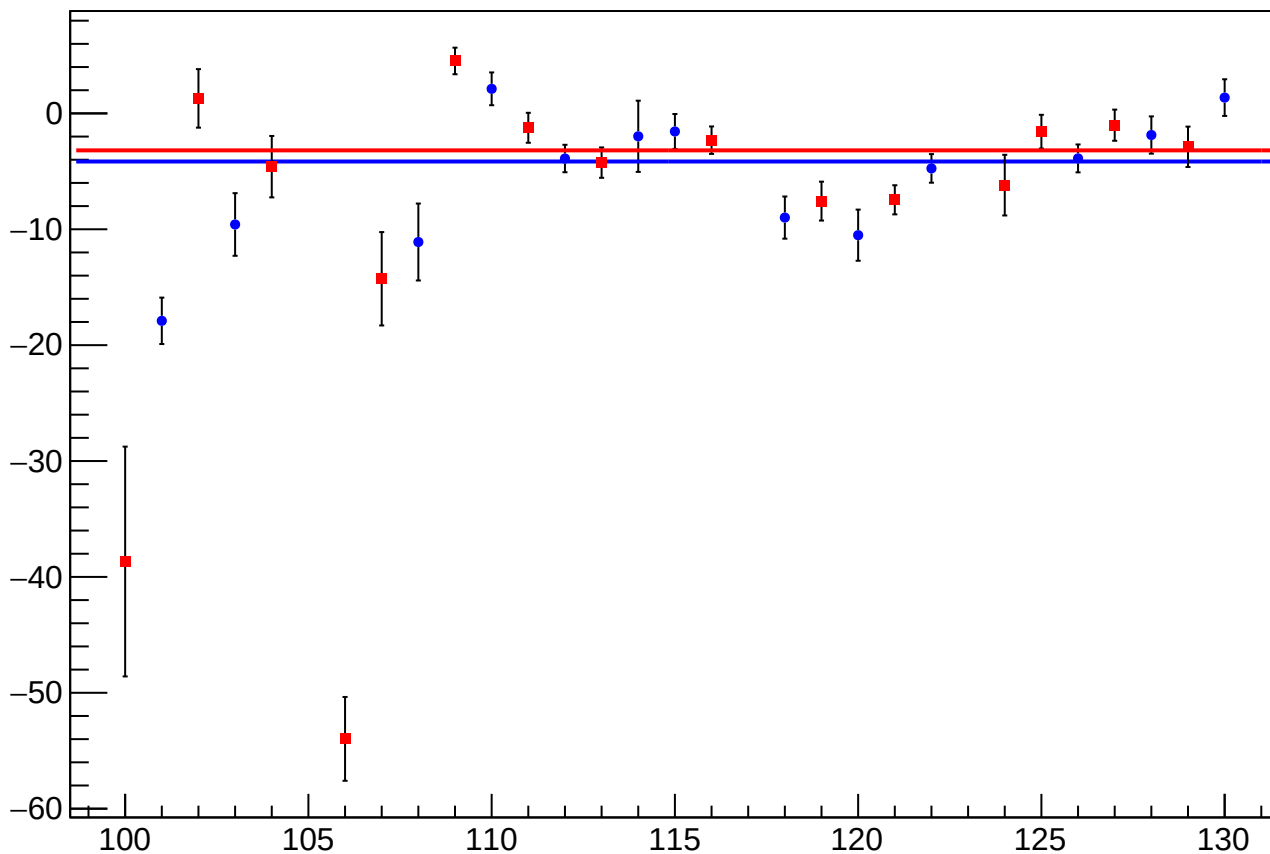
Right: -0.096+/-0.015 χ^2/NDF : 648.0/27

In: -0.057+/-0.021 χ^2/NDF : 186.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.096+/-0.015 χ^2/NDF : 648.0/27

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.152 ± 0.453 χ^2/NDF : 108.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.190 ± 0.423 χ^2/NDF : 293.2/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

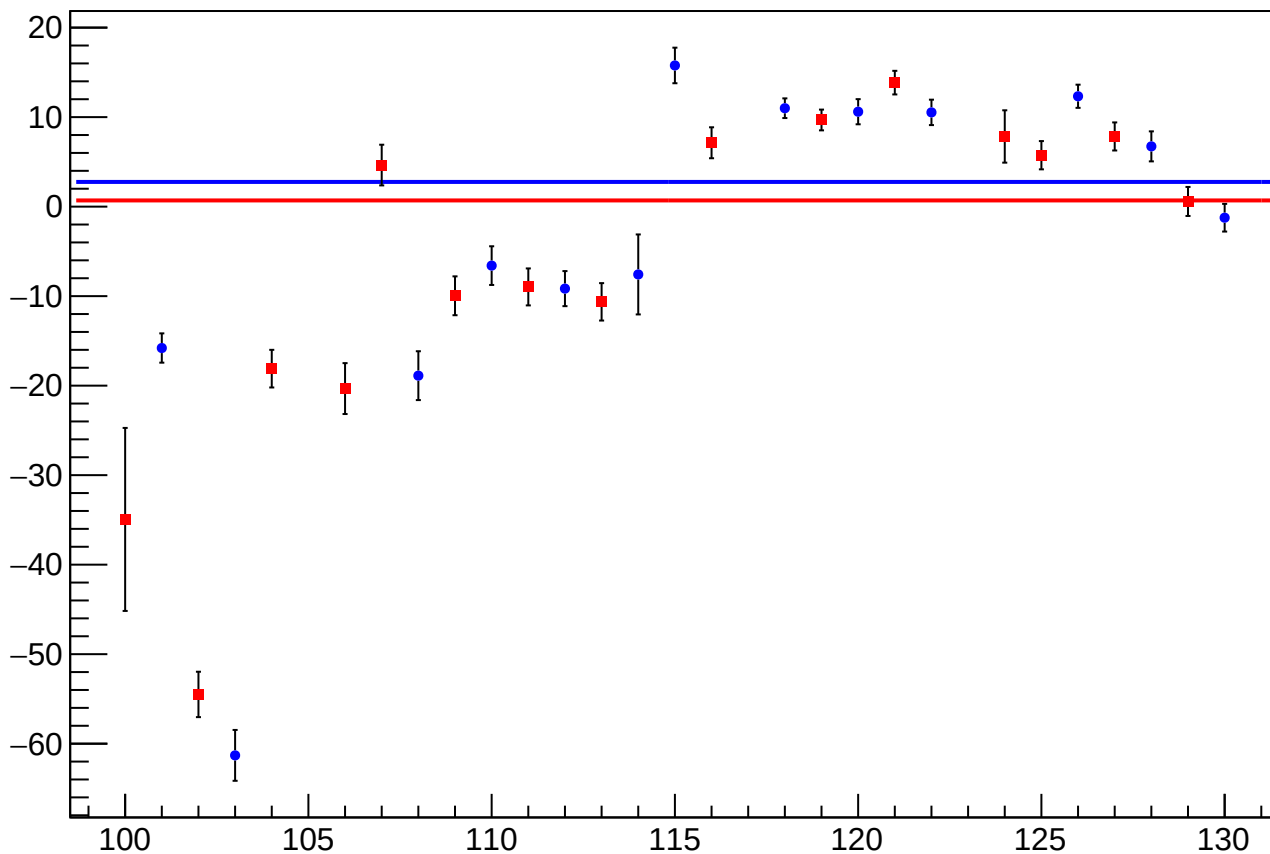
Right: -3.638 ± 0.309 χ^2/NDF : 404.1/27

In: -4.152 ± 0.453 χ^2/NDF : 108.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.638 ± 0.309 χ^2/NDF : 404.1/27

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.760+/-0.466 χ^2/NDF : 988.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.692+/-0.480 χ^2/NDF : 909.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

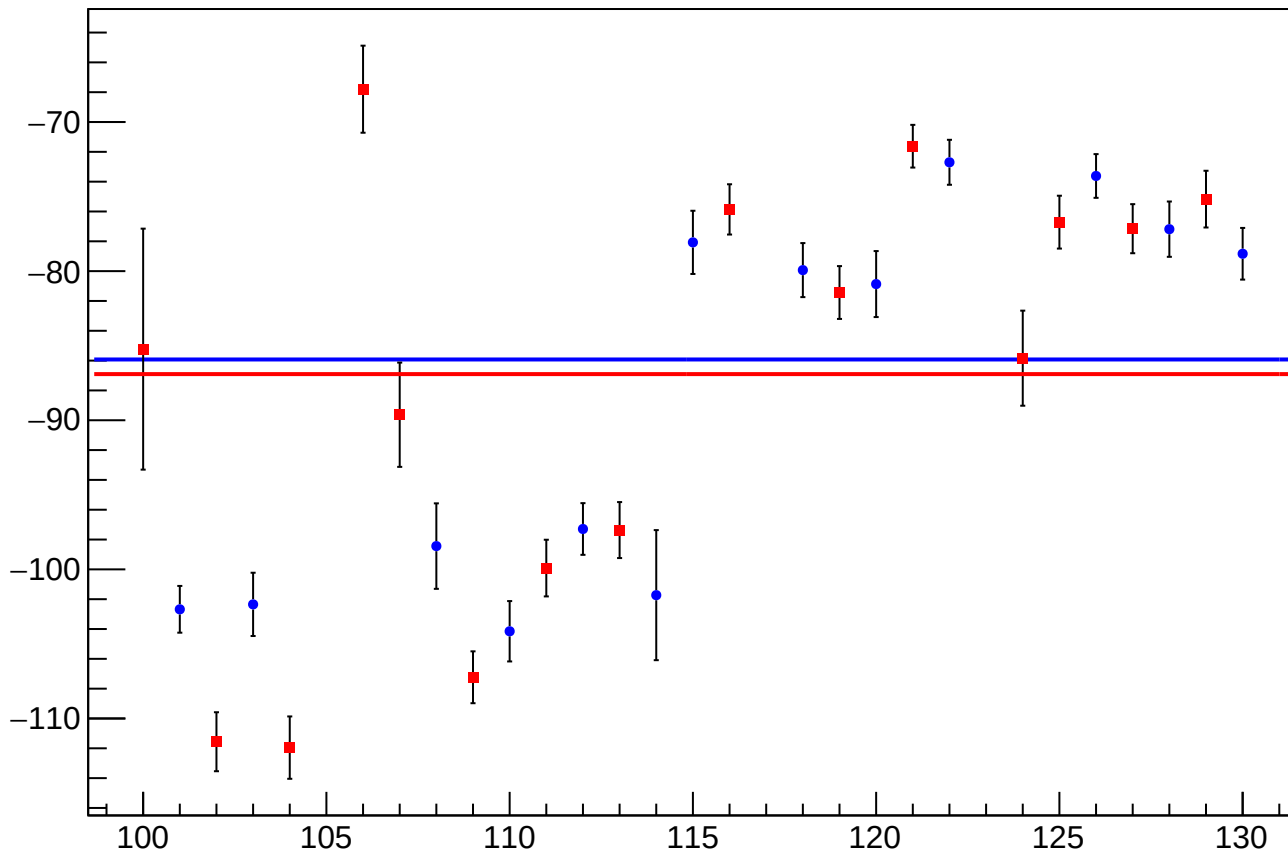
Right: 1.757+/-0.334 χ^2/NDF : 1907.2/27

In: 2.760+/-0.466 χ^2/NDF : 988.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.757+/-0.334 χ^2/NDF : 1907.2/27

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -85.924 ± 0.524 χ^2/NDF : 546.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -86.905 ± 0.512 χ^2/NDF : 829.7/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

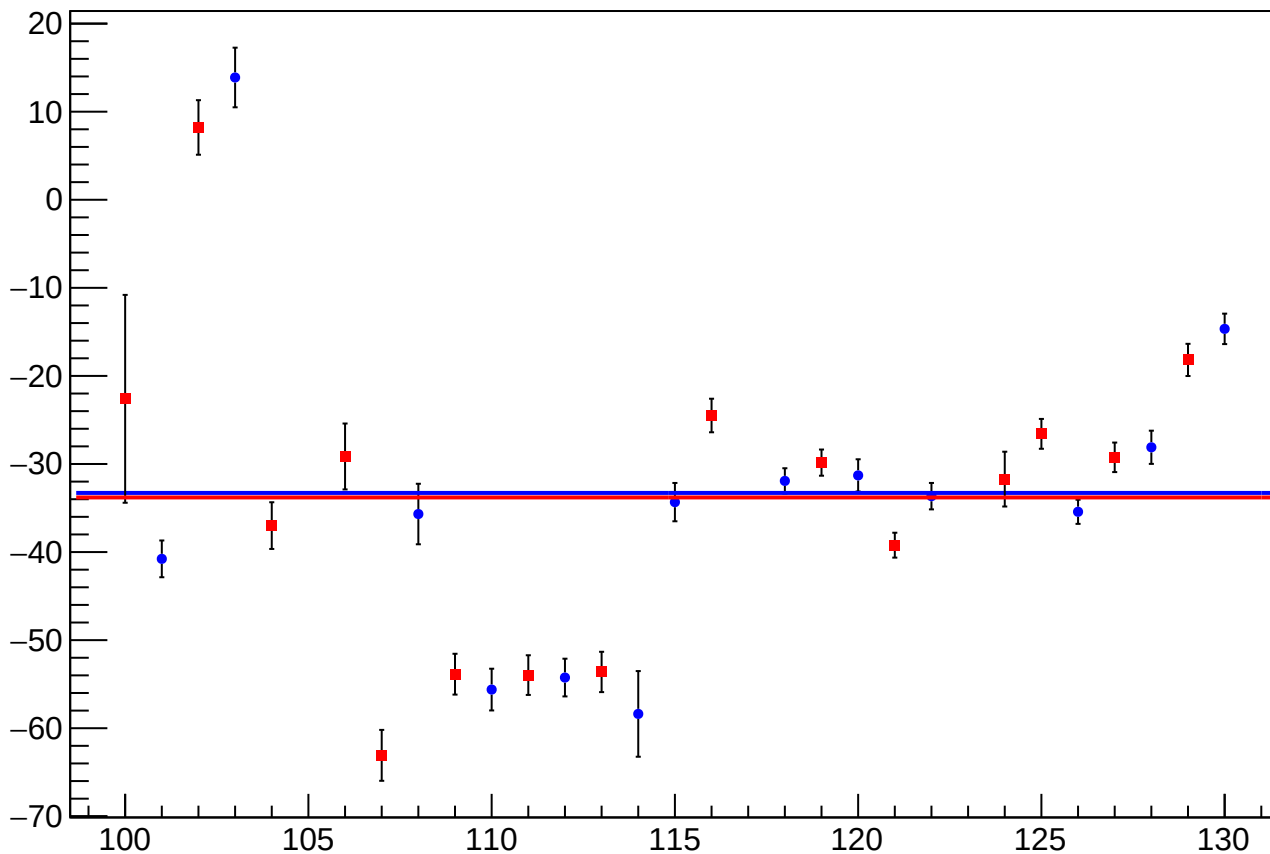
Right: -86.426 ± 0.366 χ^2/NDF : 1378.1/27

In: -85.924 ± 0.524 χ^2/NDF : 546.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -86.426 ± 0.366 χ^2/NDF : 1378.1/27

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.284 $\pm$ 0.540 χ^2 /NDF: 547.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -33.798 $\pm$ 0.546 χ^2 /NDF: 665.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

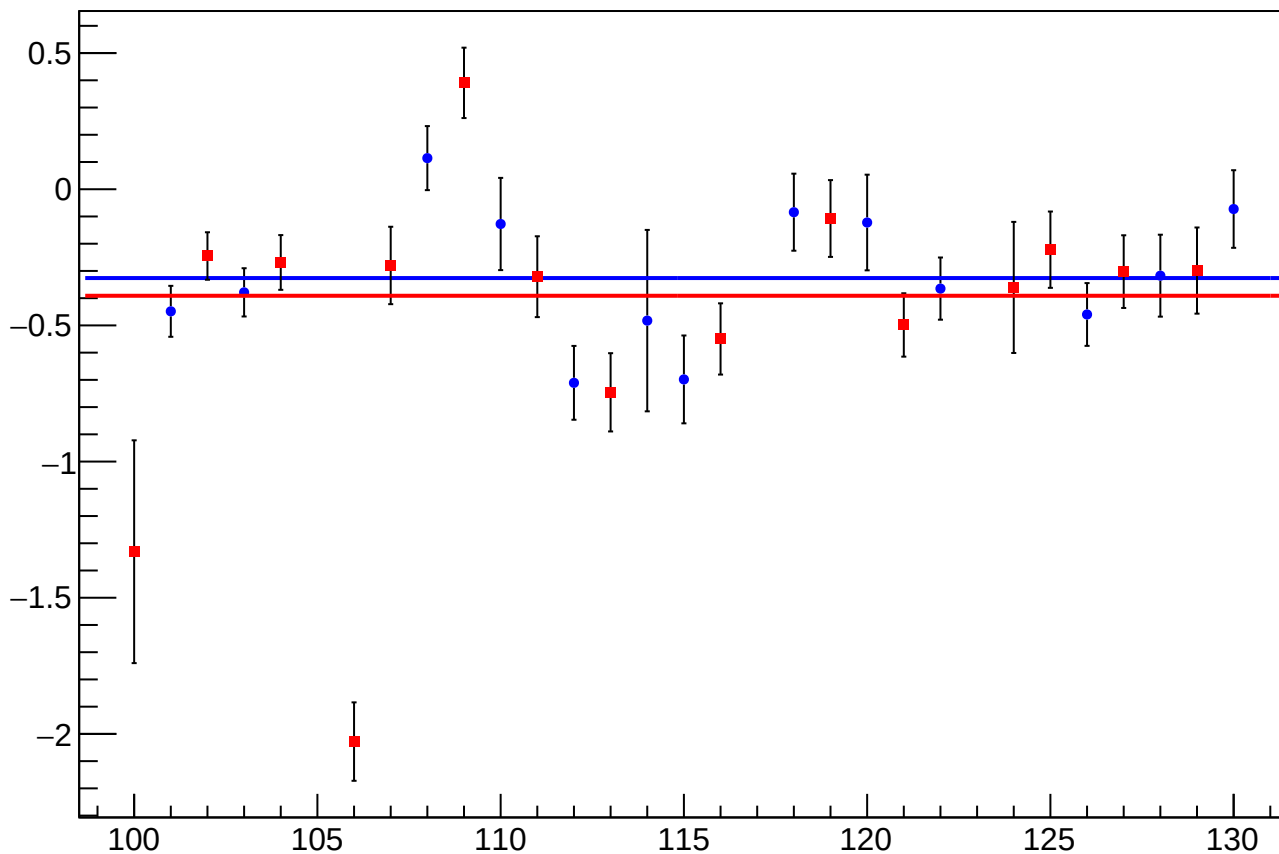
Right: -33.538 $\pm$ 0.384 χ^2 /NDF: 1213.0/27

In: -33.284 $\pm$ 0.540 χ^2 /NDF:547.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -33.538 $\pm$ 0.384 χ^2 /NDF: 1213.0/27

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.326 ± 0.036 $\chi^2/\text{NDF}: 40.0/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.391 ± 0.035 $\chi^2/\text{NDF}: 191.0/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

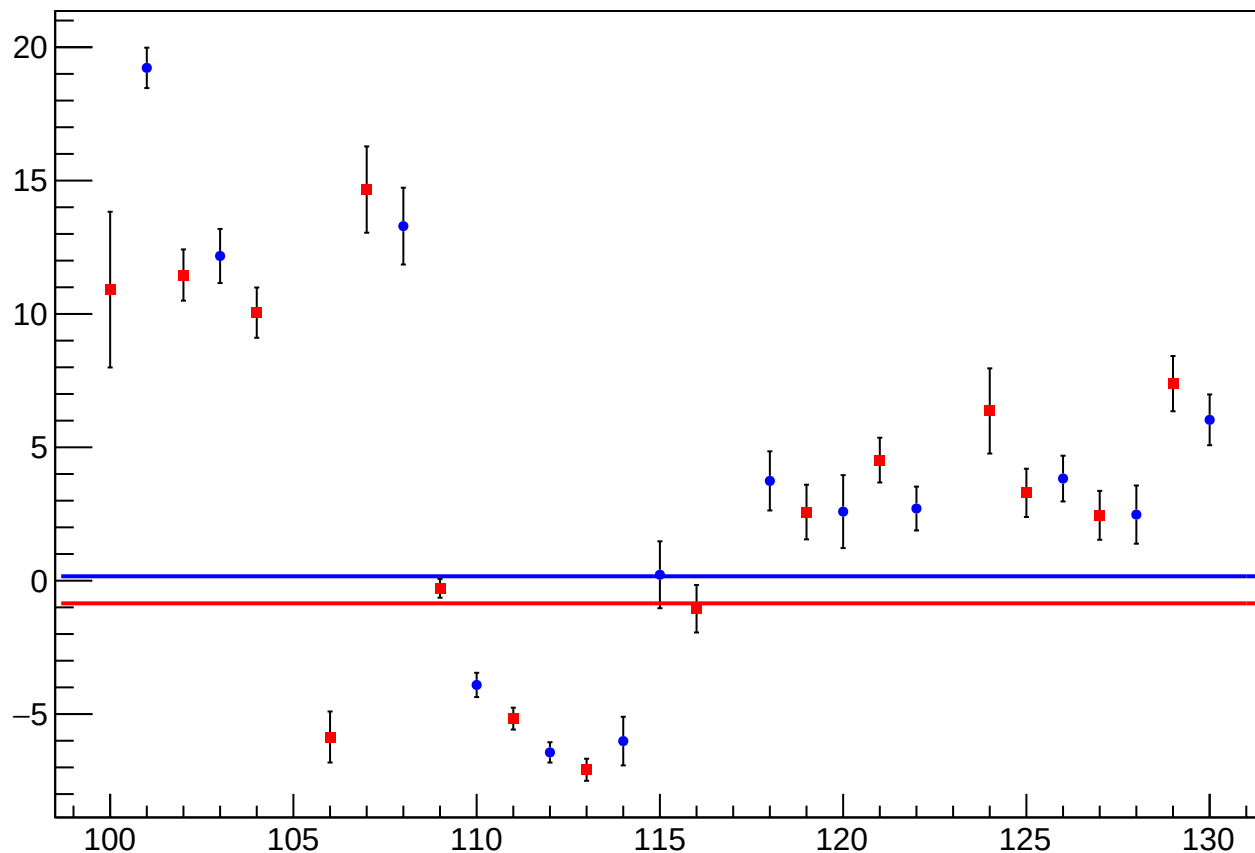
Right: -0.360 ± 0.025 $\chi^2/\text{NDF}: 232.6/27$

In: -0.326 ± 0.036 $\chi^2/\text{NDF}: 40.0/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.360 ± 0.025 $\chi^2/\text{NDF}: 232.6/27$

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.165+/-0.209 χ^2/NDF : 1367.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.849+/-0.180 χ^2/NDF : 944.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

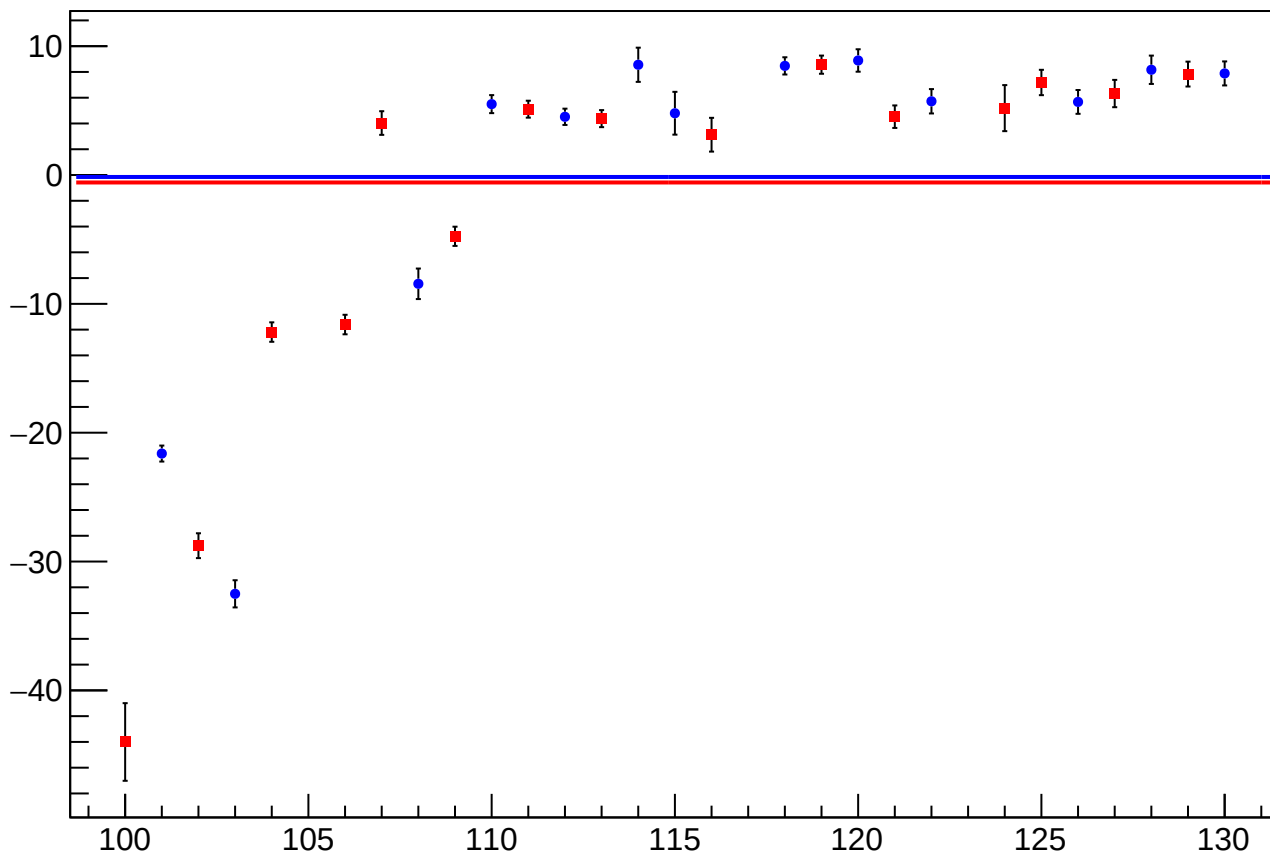
Right: -0.418+/-0.136 χ^2/NDF : 2324.8/27

In: 0.165+/-0.209 χ^2/NDF : 1367.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.418+/-0.136 χ^2/NDF : 2324.8/27

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.151+/-0.239 χ^2 /NDF: 2842.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.579+/-0.227 χ^2 /NDF: 2100.1/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

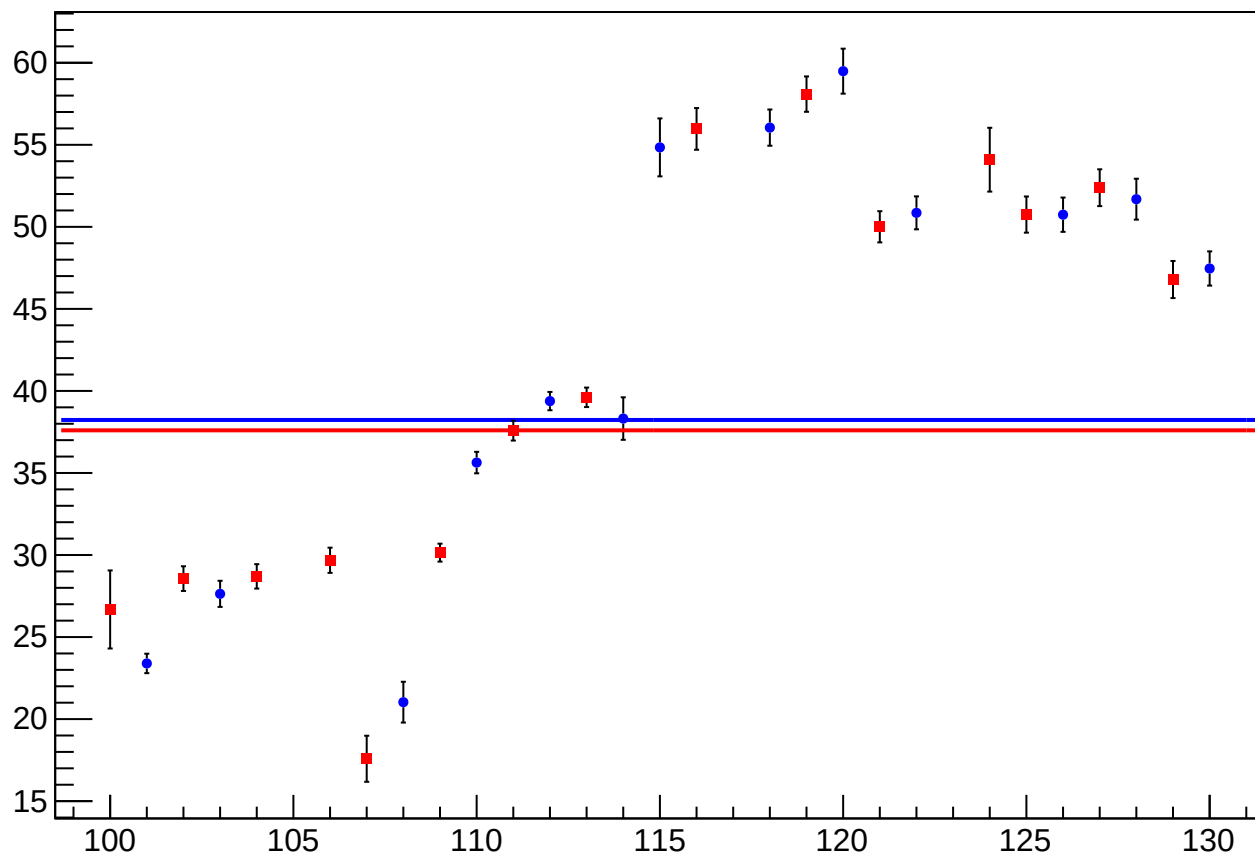
Right: -0.377+/-0.164 χ^2 /NDF: 4944.2/27

In: -0.151+/-0.239 χ^2 /NDF:2842.4/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.377+/-0.164 χ^2 /NDF: 4944.2/27

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 38.231+/-0.247 χ^2/NDF : 2101.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.599+/-0.223 χ^2/NDF : 2010.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

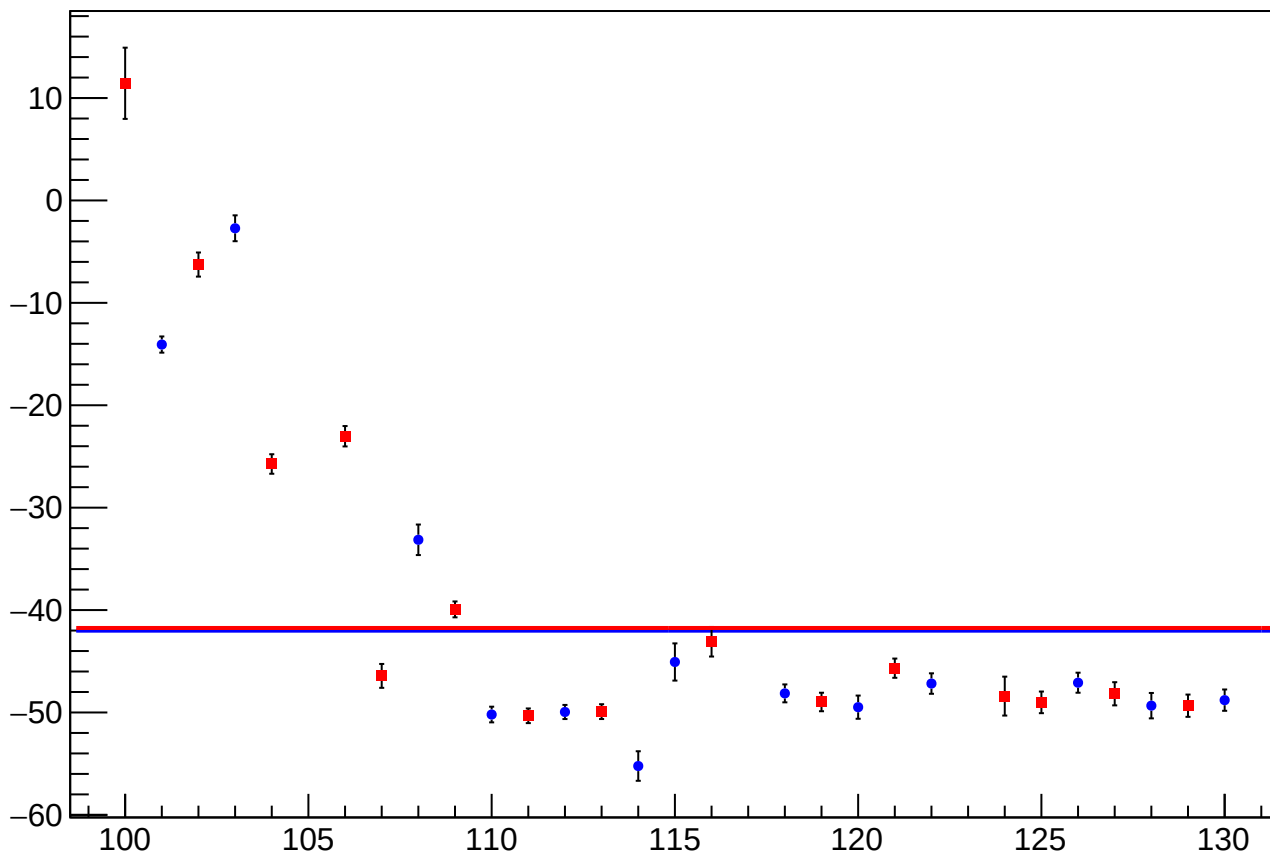
Right: 37.882+/-0.165 χ^2/NDF : 4115.5/27

In: 38.231+/-0.247 χ^2/NDF : 2101.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.882+/-0.165 χ^2/NDF : 4115.5/27

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -42.011 $\pm$ 0.278 χ^2 /NDF: 2807.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -41.749 $\pm$ 0.260 χ^2 /NDF: 2294.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

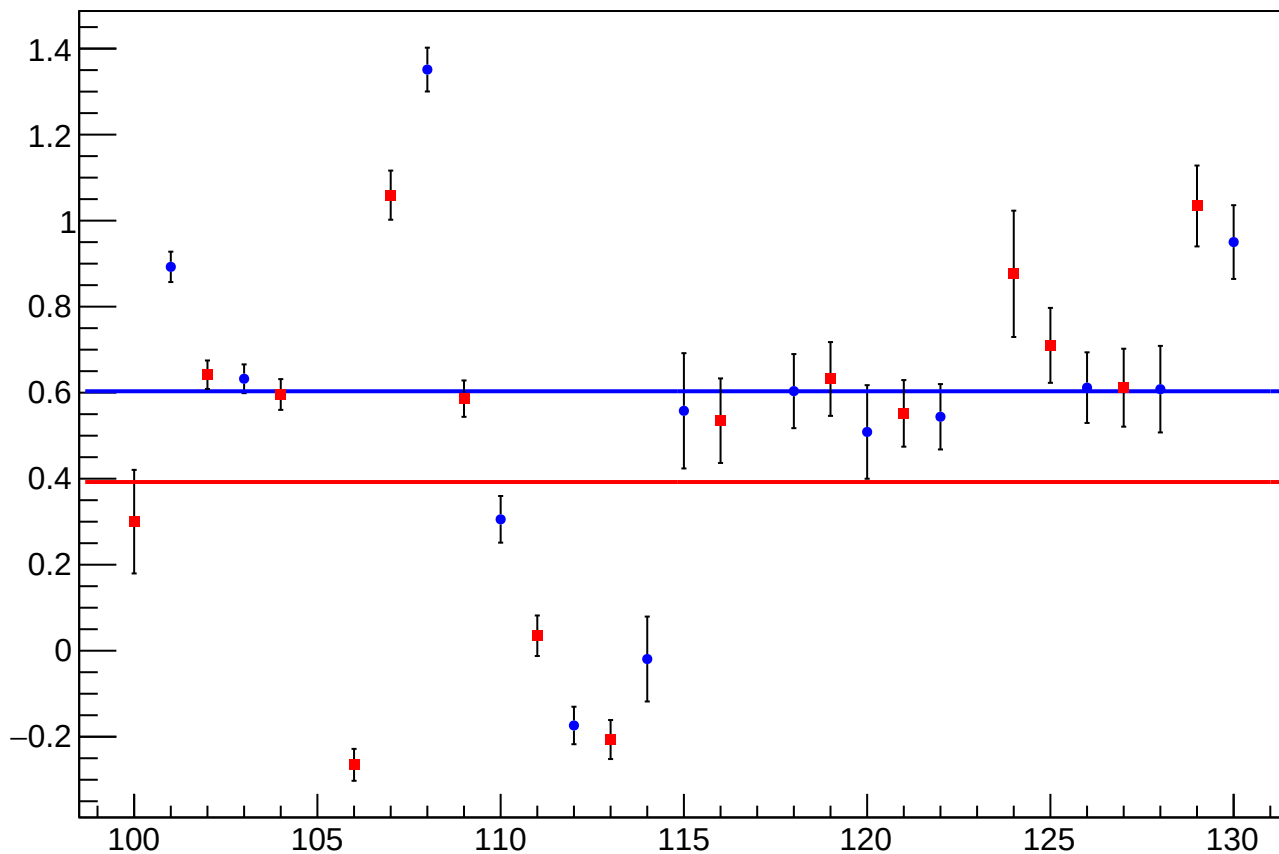
Right: -41.871 $\pm$ 0.190 χ^2 /NDF: 5102.3/27

In: -42.011 $\pm$ 0.278 χ^2 /NDF:2807.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -41.871 $\pm$ 0.190 χ^2 /NDF: 5102.3/27

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.603+/-0.016 χ^2/NDF : 689.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.392+/-0.014 χ^2/NDF : 883.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

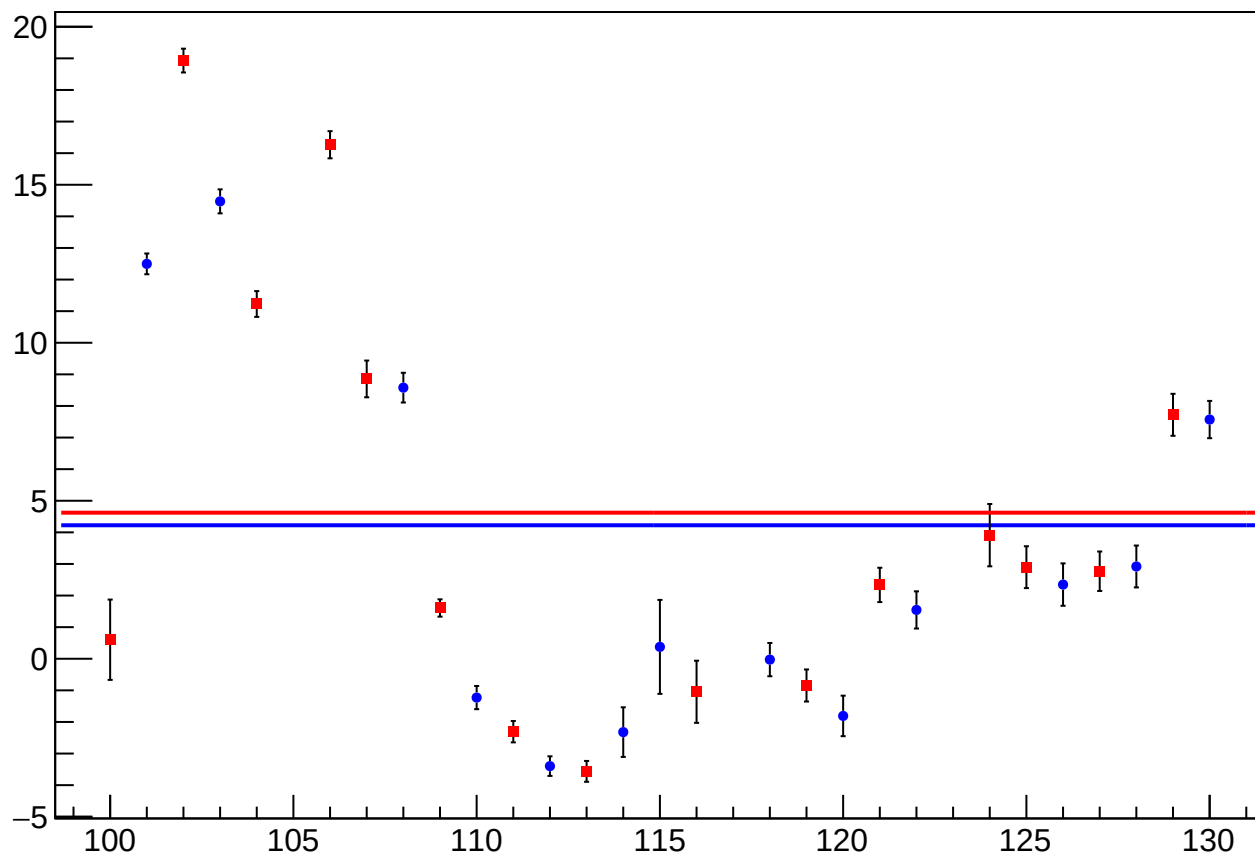
Right: 0.483+/-0.011 χ^2/NDF : 1670.8/27

In: 0.603+/-0.016 χ^2/NDF : 689.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.483+/-0.011 χ^2/NDF : 1670.8/27

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 4.224+/-0.133 χ^2/NDF : 2565.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 4.623+/-0.120 χ^2/NDF : 3860.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

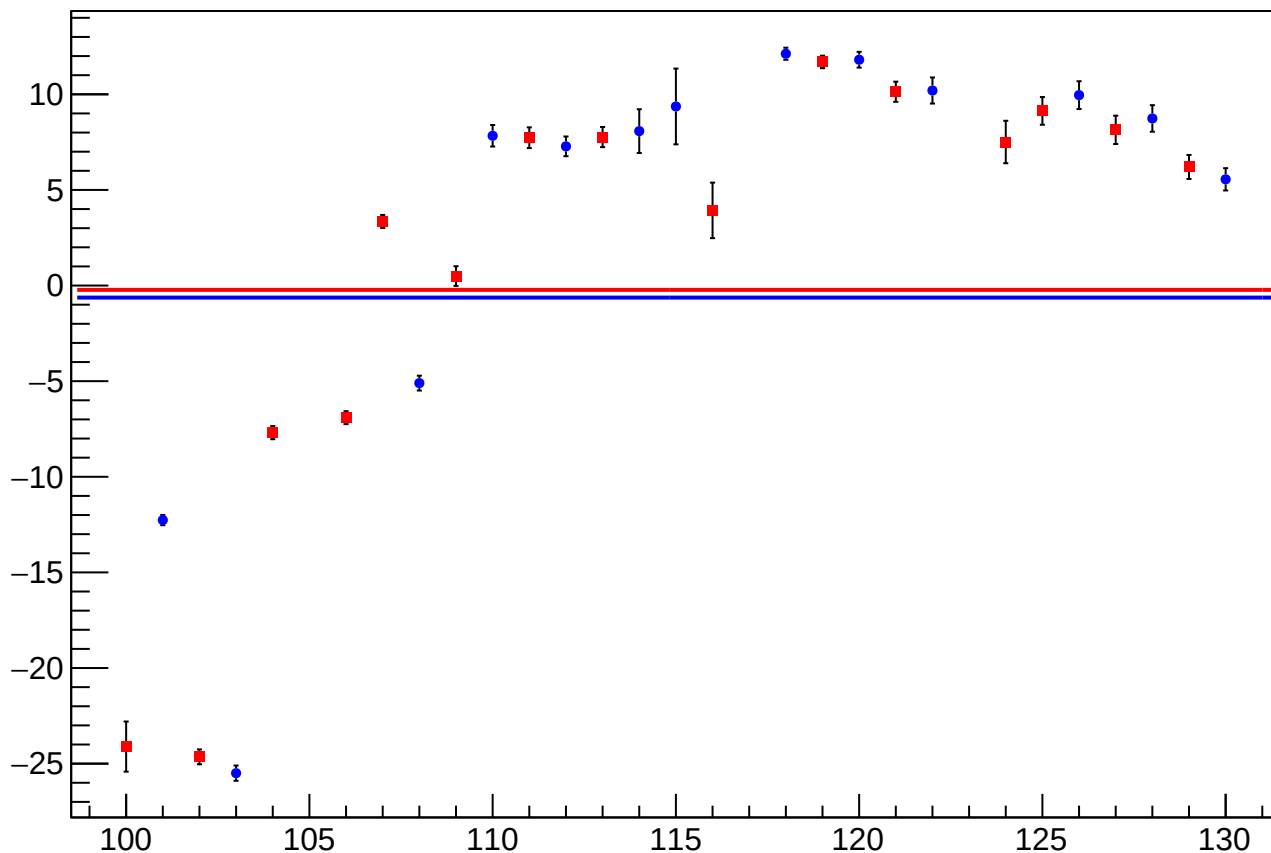
Right: 4.444+/-0.089 χ^2/NDF : 6431.2/27

In: 4.224+/-0.133 χ^2/NDF :2565.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4.444+/-0.089 χ^2/NDF : 6431.2/27

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.630 ± 0.130 χ^2/NDF : 9714.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.225 ± 0.125 χ^2/NDF : 7855.2/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

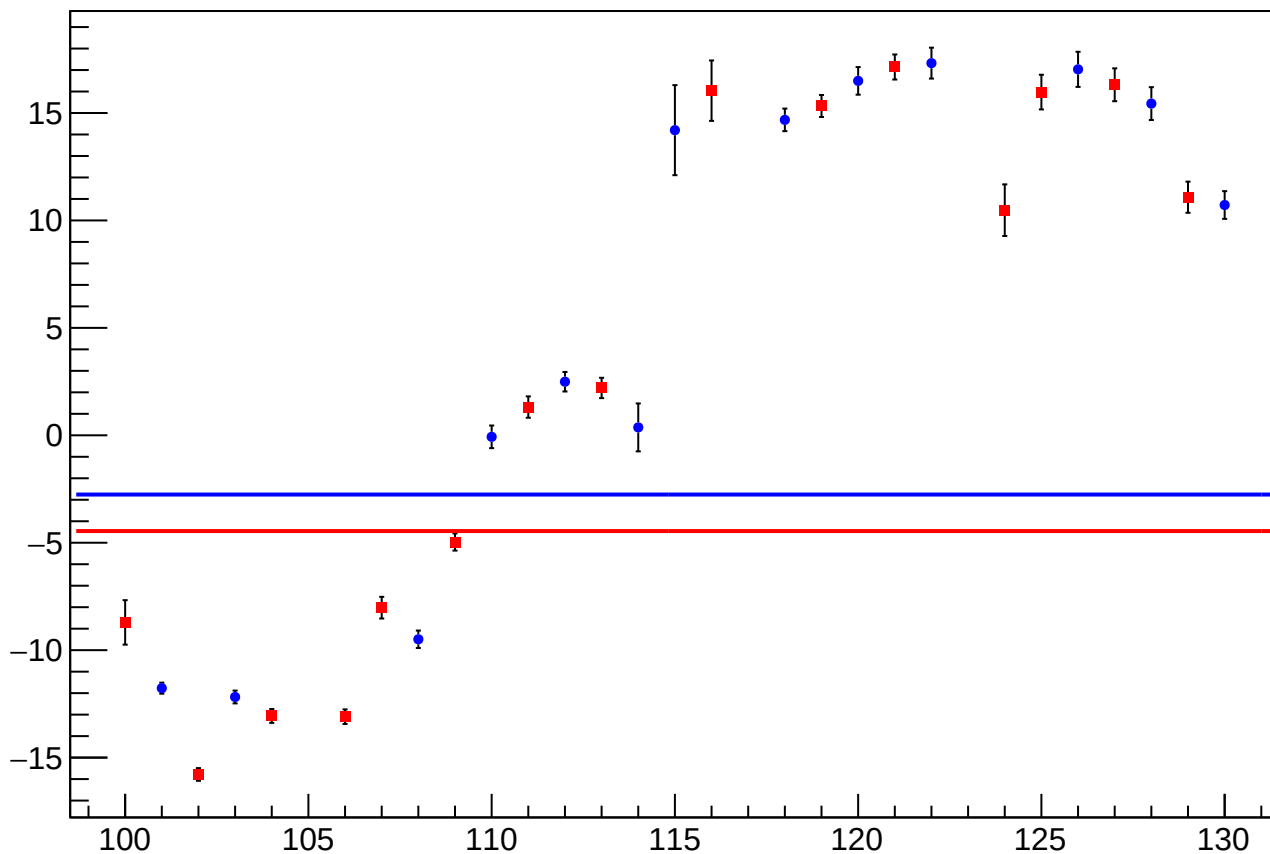
Right: -0.419 ± 0.090 χ^2/NDF : 17575.2/27

In: -0.630 ± 0.130 χ^2/NDF : 9714.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.419 ± 0.090 χ^2/NDF : 17575.2/27

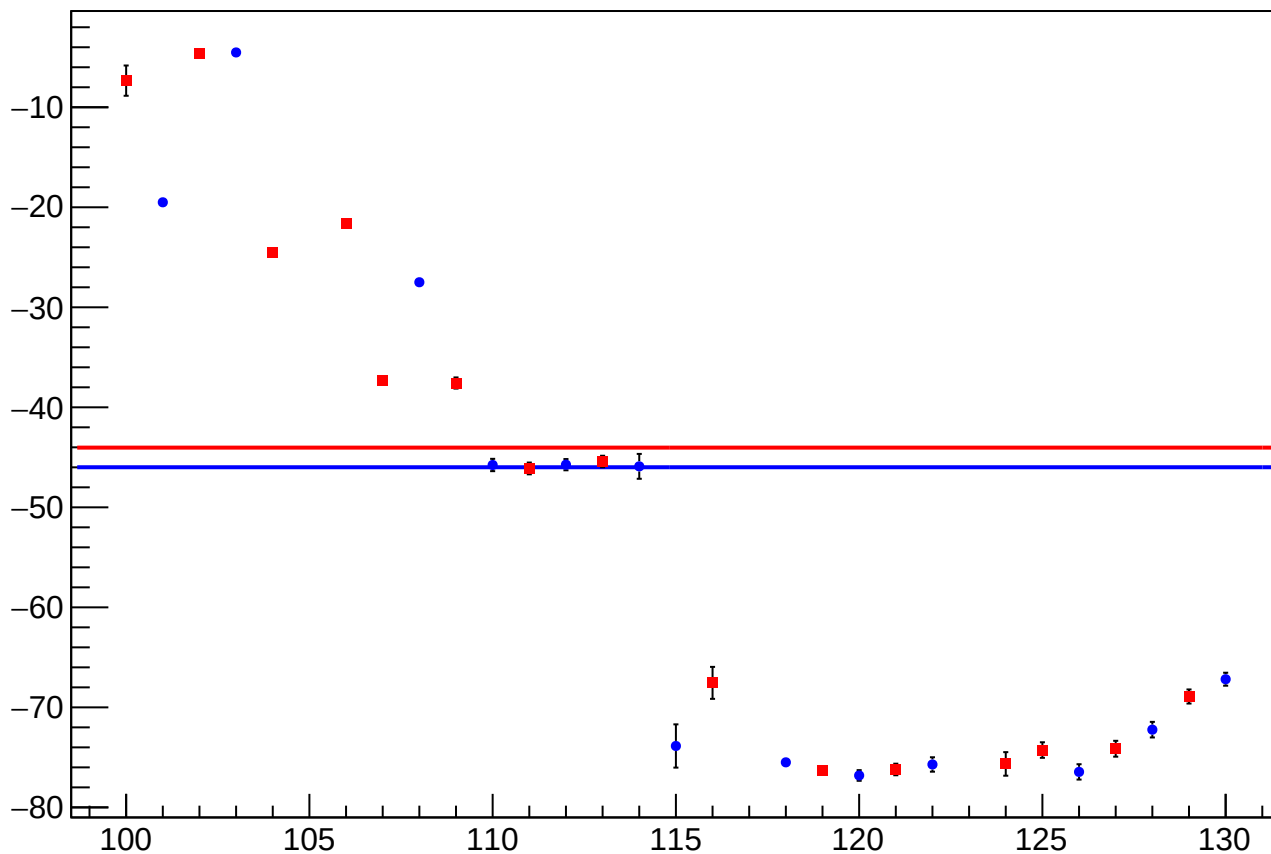
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.757+/-0.134 χ^2/NDF : 7106.3/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -4.457+/-0.126 χ^2/NDF : 8305.3/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -3.658+/-0.092 χ^2/NDF : 15496.6/27
 In: -2.757+/-0.134 χ^2/NDF : 7106.3/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -3.658+/-0.092 χ^2/NDF : 15496.6/27

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -45.992 ± 0.157 $\chi^2/\text{NDF}: 29046.9/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -44.029 ± 0.149 $\chi^2/\text{NDF}: 26723.7/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

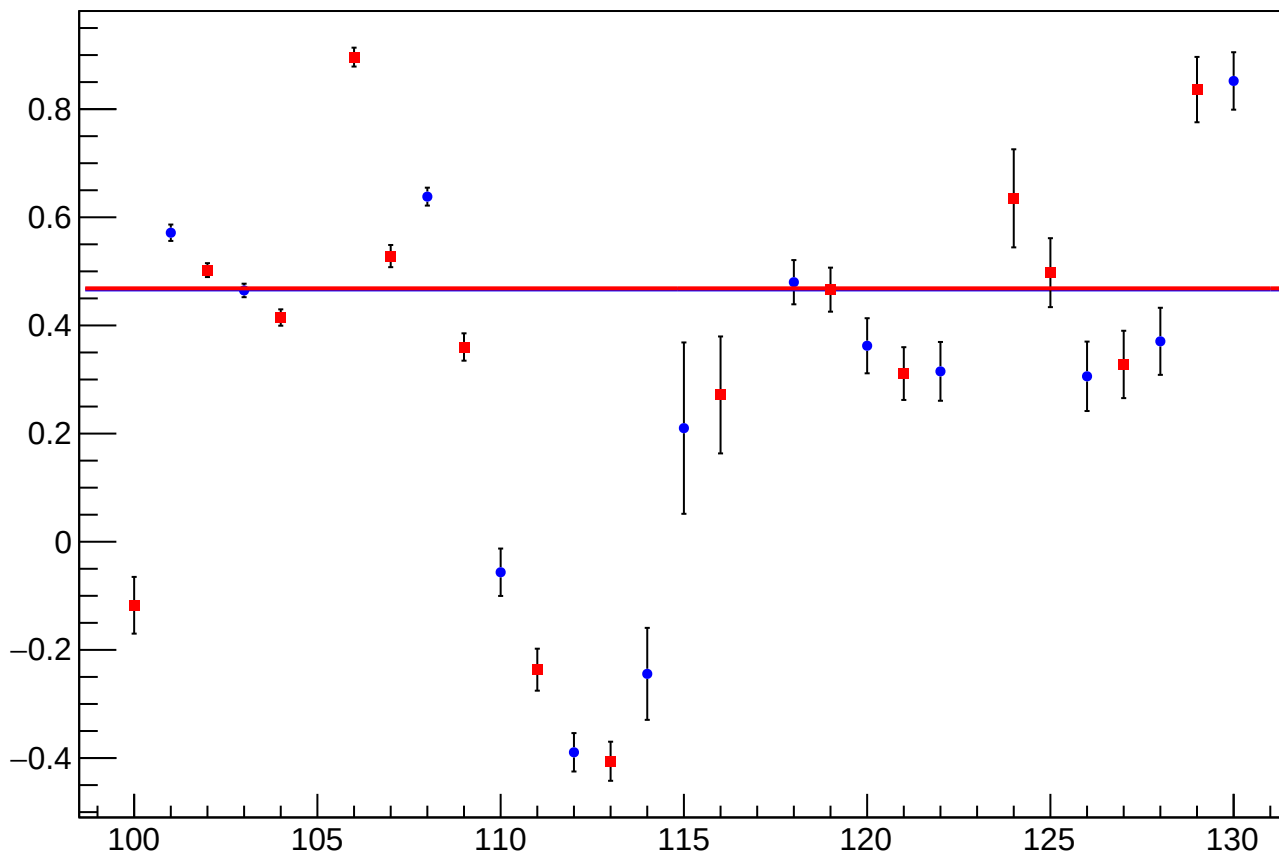
Right: -44.963 ± 0.108 $\chi^2/\text{NDF}: 55853.0/27$

In: -45.992 ± 0.157 $\chi^2/\text{NDF}: 29046.9/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -44.963 ± 0.108 $\chi^2/\text{NDF}: 55853.0/27$

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.467+/-0.007 χ^2/NDF : 1024.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.469+/-0.007 χ^2/NDF : 1745.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

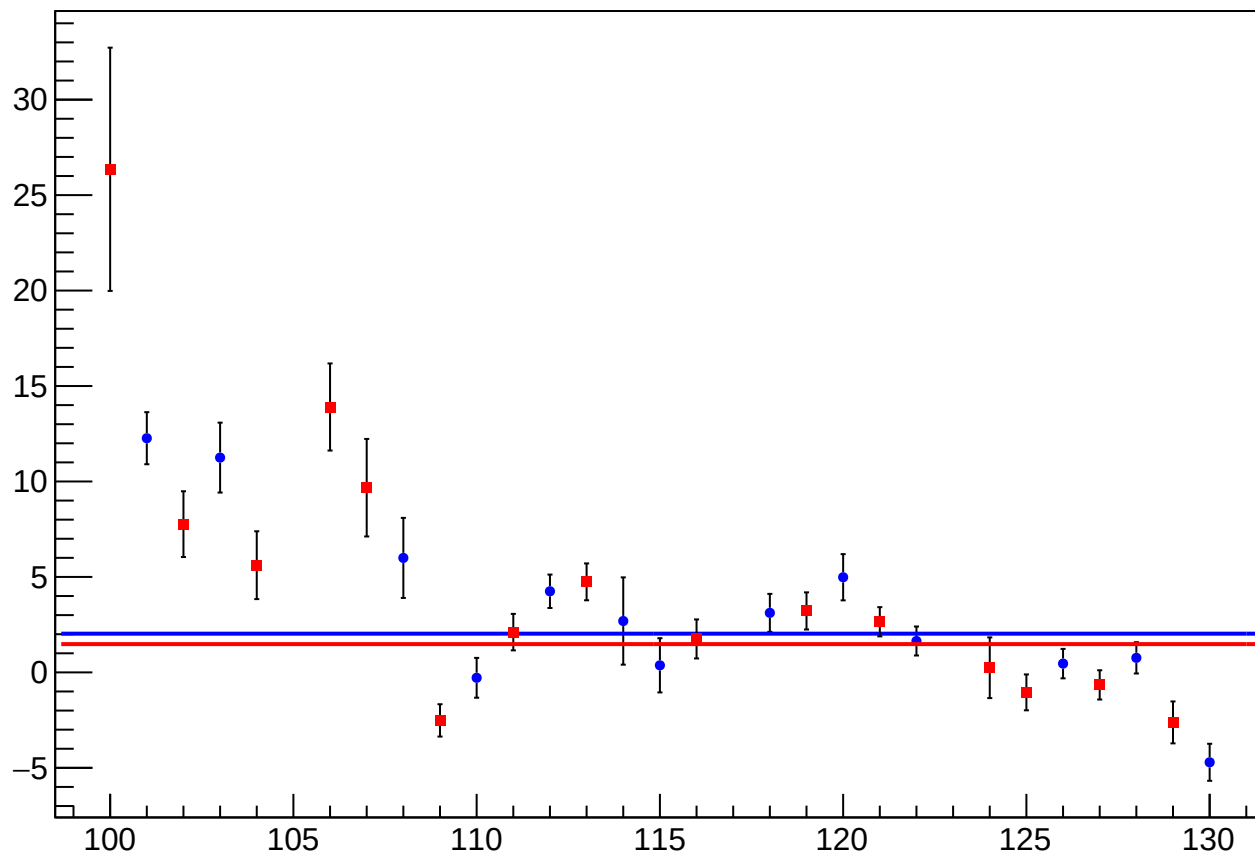
Right: 0.468+/-0.005 χ^2/NDF : 2769.8/27

In: 0.467+/-0.007 χ^2/NDF : 1024.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.468+/-0.005 χ^2/NDF : 2769.8/27

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 2.028+/-0.293 χ^2/NDF : 160.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.481+/-0.284 χ^2/NDF : 143.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

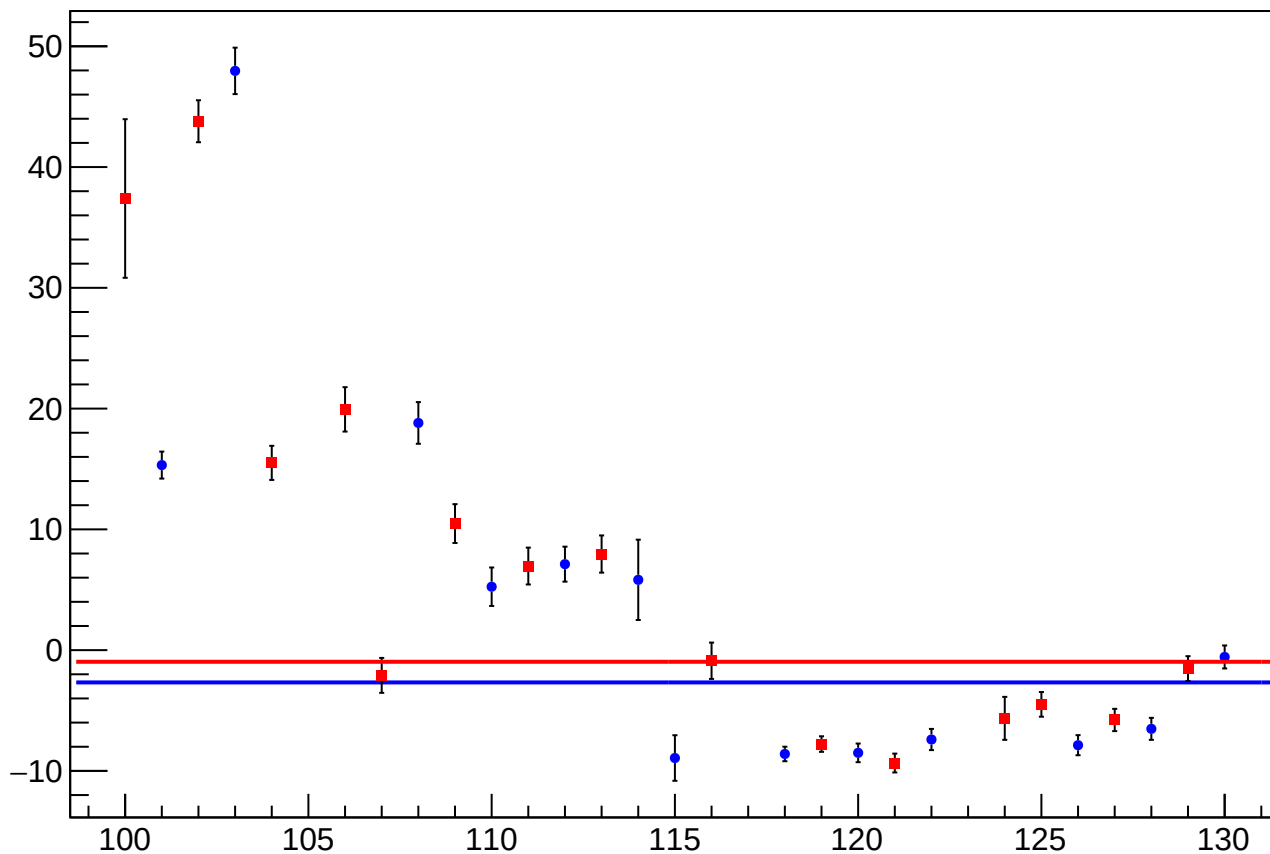
Right: 1.746+/-0.204 χ^2/NDF : 305.3/27

In: 2.028+/-0.293 χ^2/NDF : 160.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.746+/-0.204 χ^2/NDF : 305.3/27

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.673+/-0.287 χ^2 /NDF: 1441.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.964+/-0.305 χ^2 /NDF: 1348.2/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

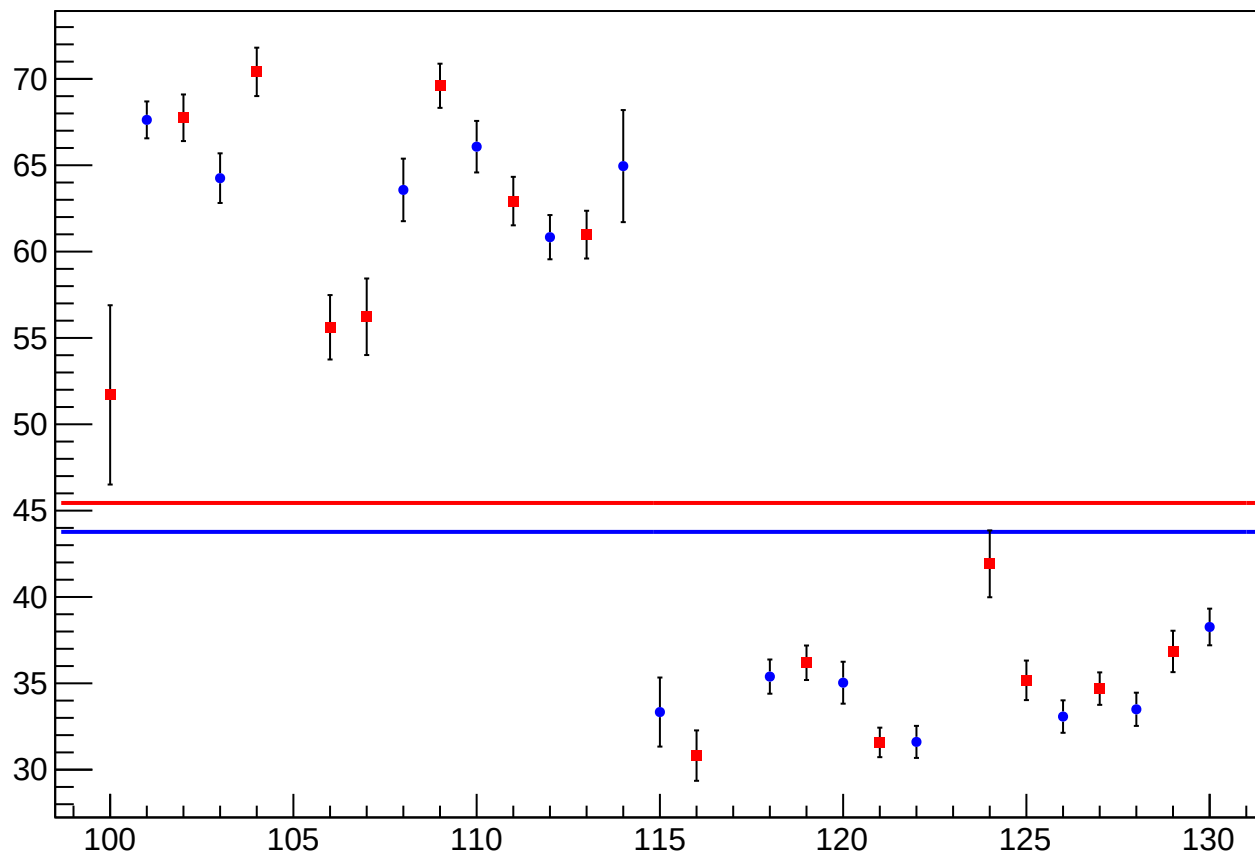
Right: -1.871+/-0.209 χ^2 /NDF: 2806.5/27

In: -2.673+/-0.287 χ^2 /NDF:1441.6/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1.871+/-0.209 χ^2 /NDF: 2806.5/27

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 43.769+/-0.333 χ^2/NDF : 1858.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.445+/-0.335 χ^2/NDF : 1999.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

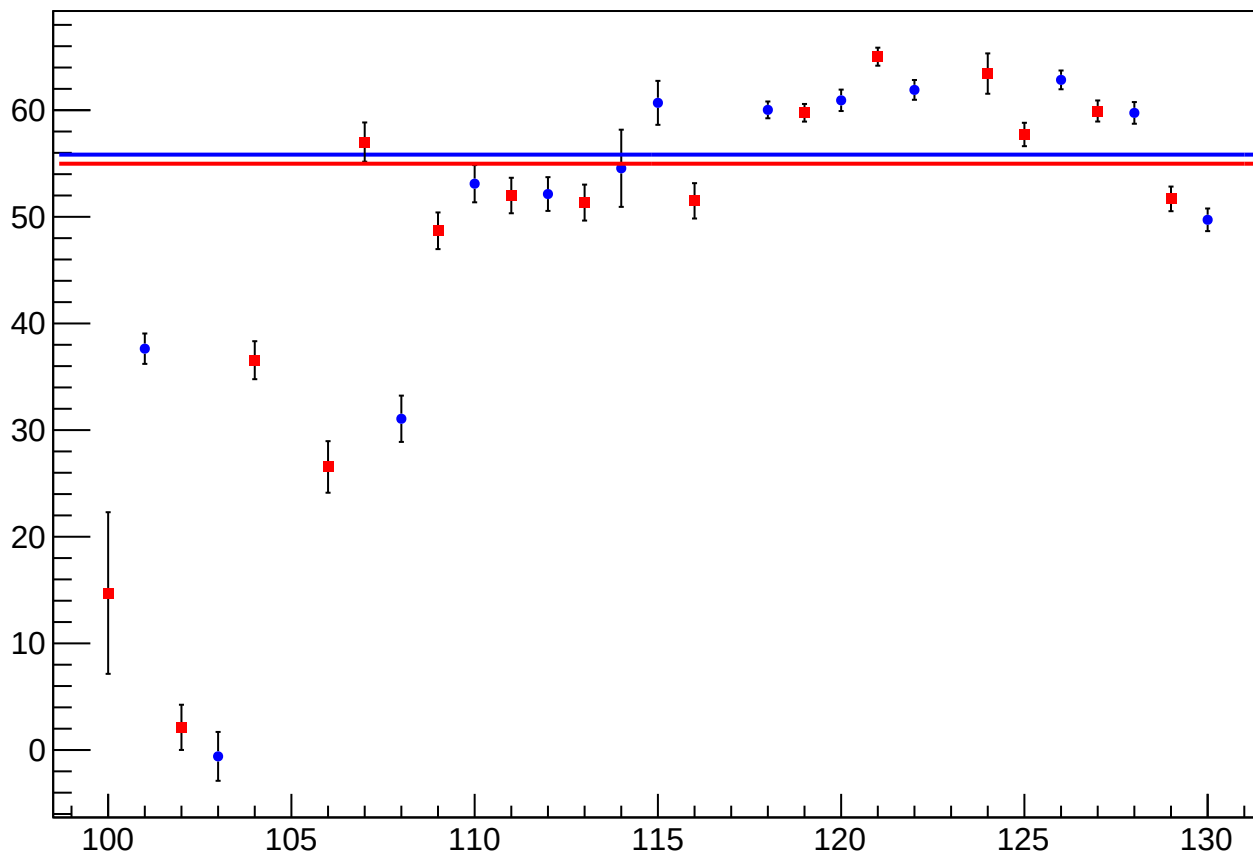
Right: 44.602+/-0.236 χ^2/NDF : 3869.7/27

In: 43.769+/-0.333 χ^2/NDF : 1858.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.602+/-0.236 χ^2/NDF : 3869.7/27

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 55.833+/-0.336 χ^2/NDF : 1121.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.981+/-0.350 χ^2/NDF : 1156.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

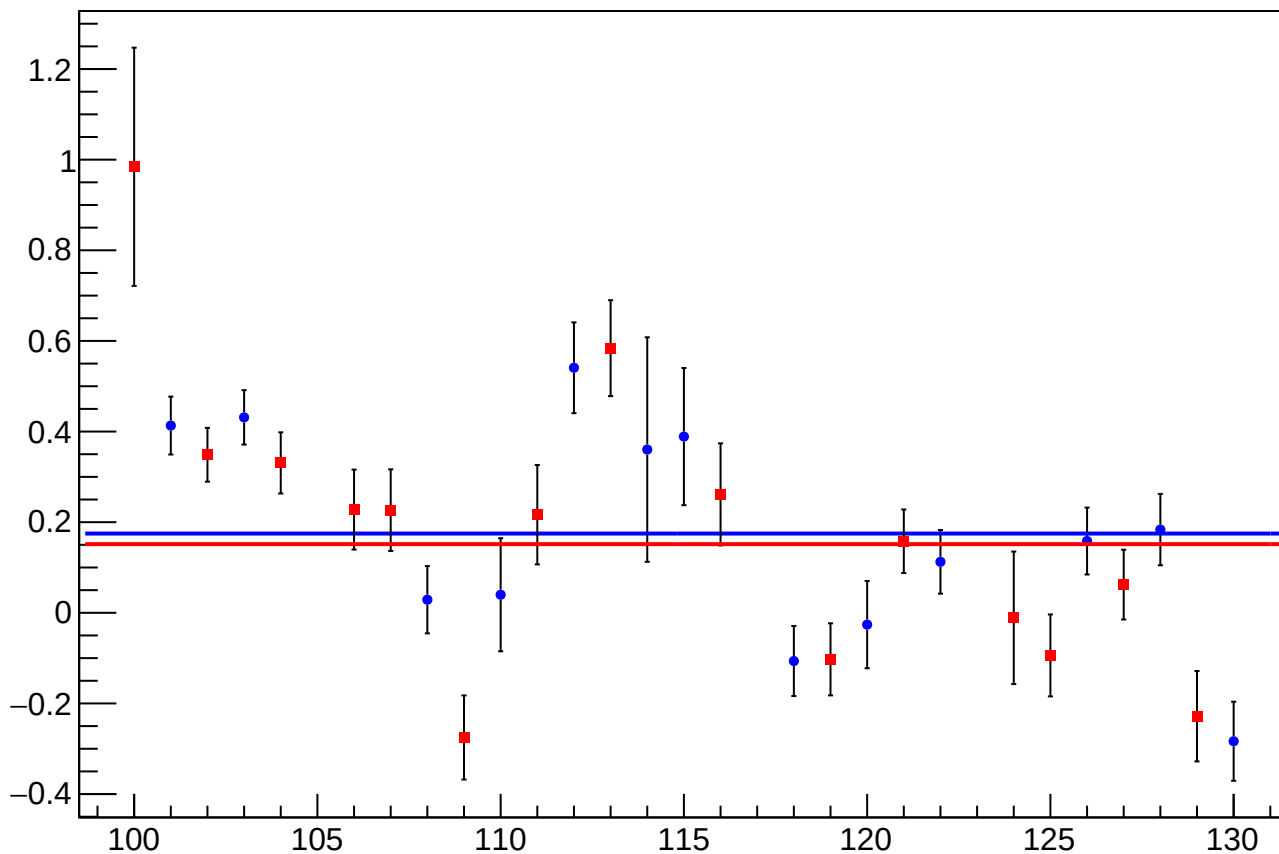
Right: 55.423+/-0.242 χ^2/NDF : 2280.8/27

In: 55.833+/-0.336 χ^2/NDF : 1121.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.423+/-0.242 χ^2/NDF : 2280.8/27

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.175+/-0.023 χ^2/NDF : 99.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.152+/-0.023 χ^2/NDF : 103.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

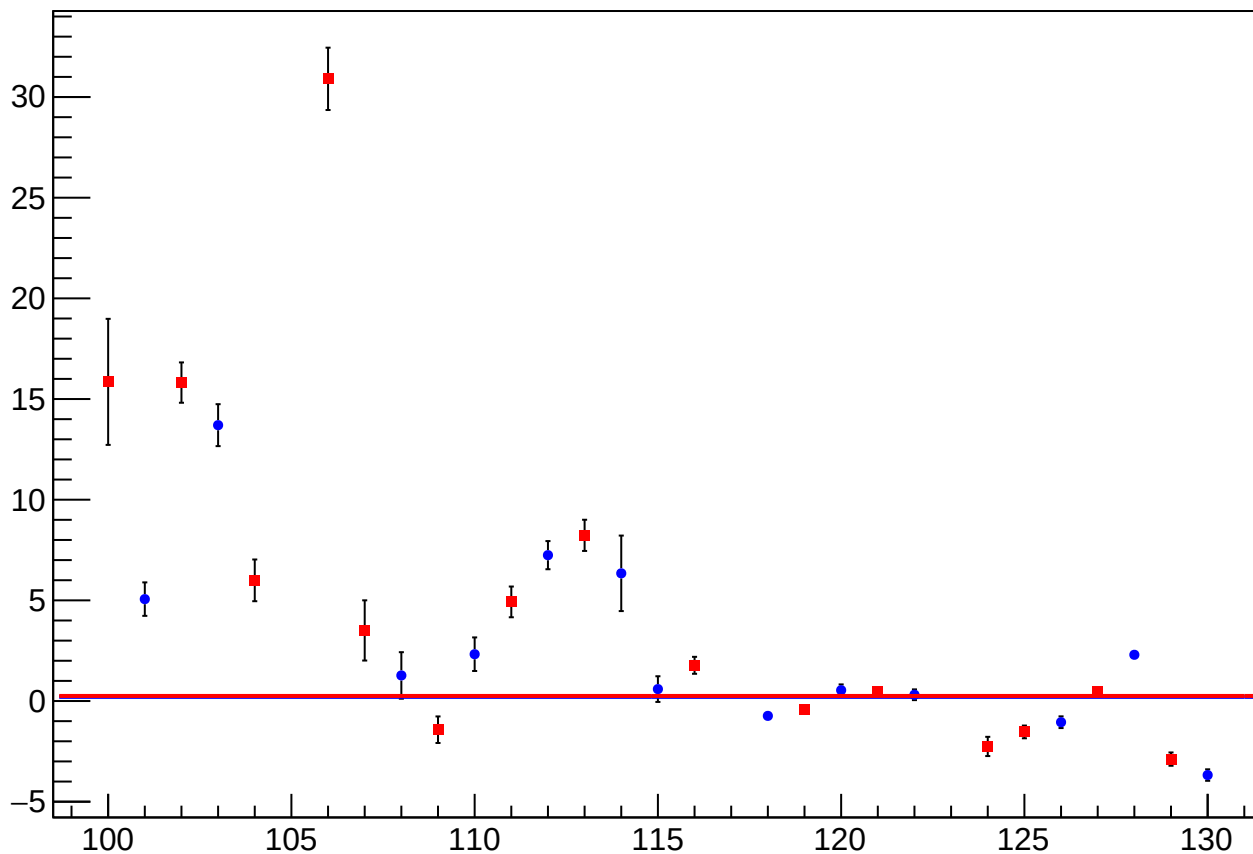
Right: 0.163+/-0.016 χ^2/NDF : 203.0/27

In: 0.175+/-0.023 χ^2/NDF : 99.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.163+/-0.016 χ^2/NDF : 203.0/27

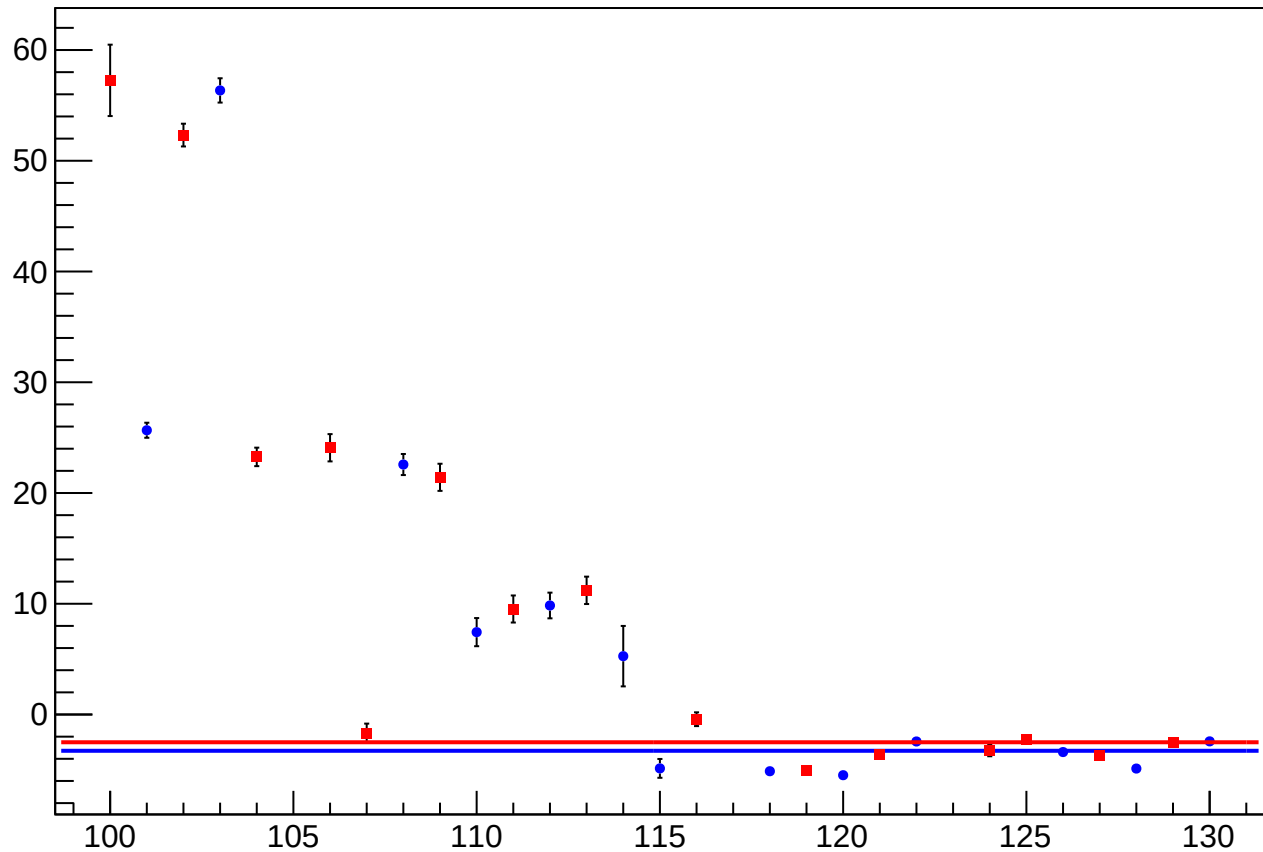
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.207+/-0.103 χ^2/NDF : 613.3/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.252+/-0.105 χ^2/NDF : 1016.5/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.229+/-0.074 χ^2/NDF : 1629.9/27
 In: 0.207+/-0.103 χ^2/NDF : 613.3/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.229+/-0.074 χ^2/NDF : 1629.9/27

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.275+/-0.088 χ^2/NDF : 6073.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.506+/-0.096 χ^2/NDF : 5558.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

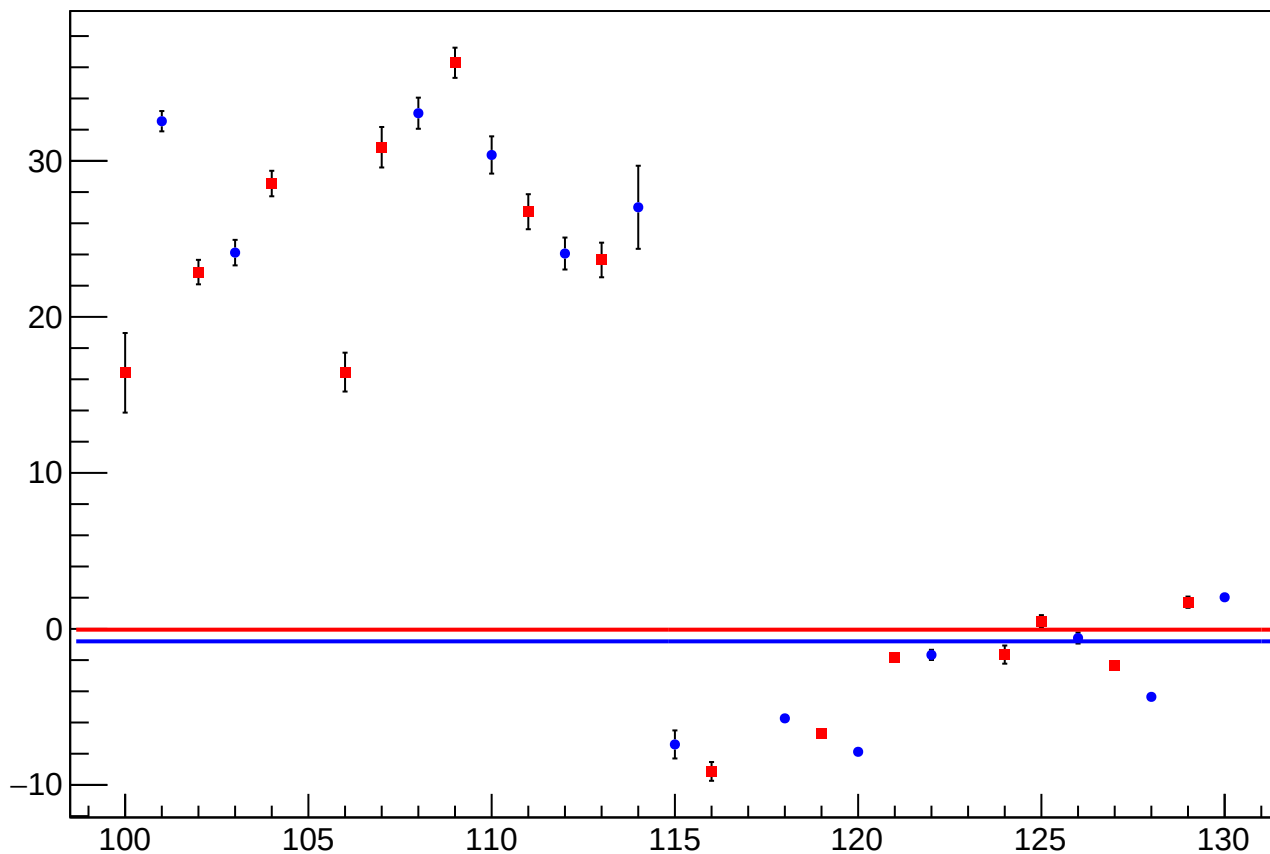
Right: -2.928+/-0.065 χ^2/NDF : 11666.6/27

In: -3.275+/-0.088 χ^2/NDF : 6073.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.928+/-0.065 χ^2/NDF : 11666.6/27

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.798 ± 0.114 χ^2/NDF : 7413.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.049 ± 0.117 χ^2/NDF : 6502.0/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

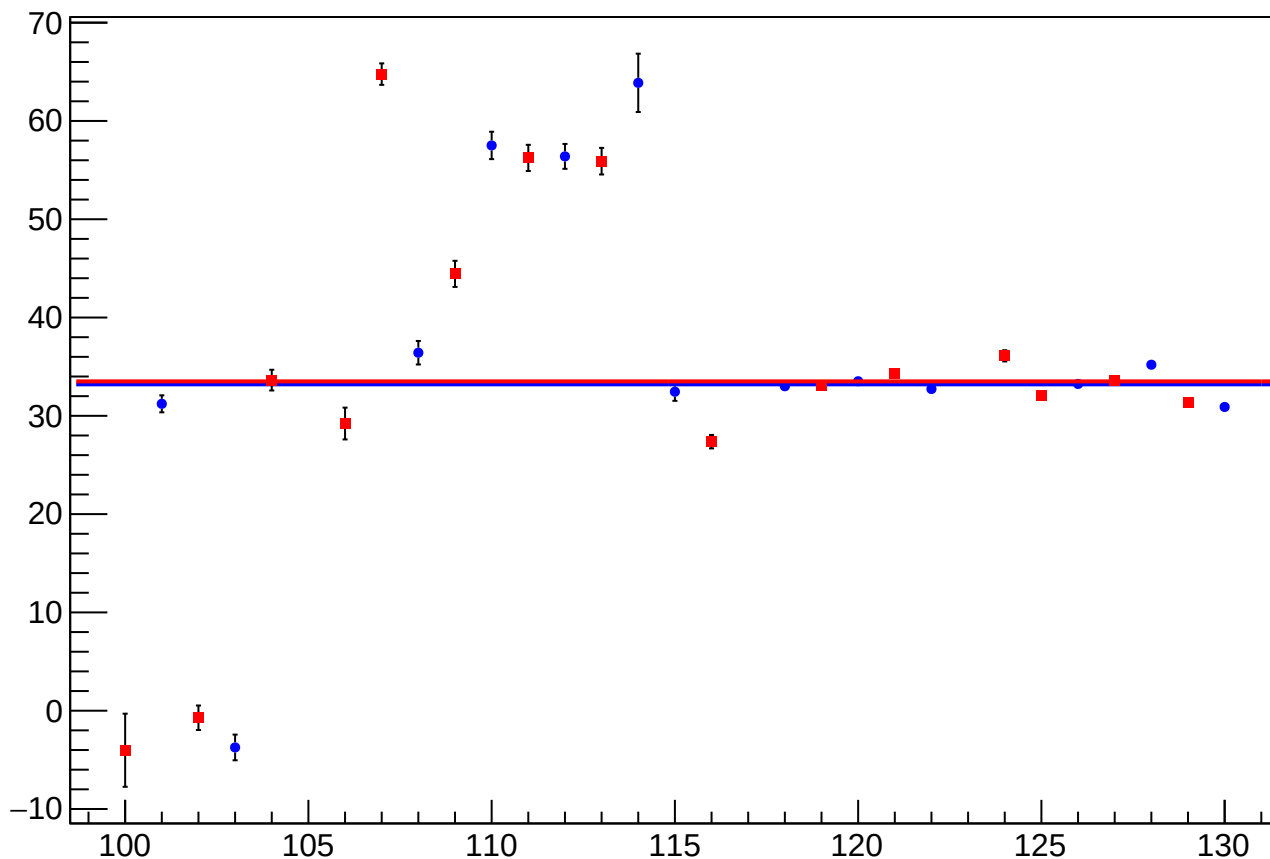
Right: -0.434 ± 0.082 χ^2/NDF : 13936.6/27

In: -0.798 ± 0.114 χ^2/NDF : 7413.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.434 ± 0.082 χ^2/NDF : 13936.6/27

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 33.204+/-0.106 χ^2/NDF : 1656.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.505+/-0.113 χ^2/NDF : 2481.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

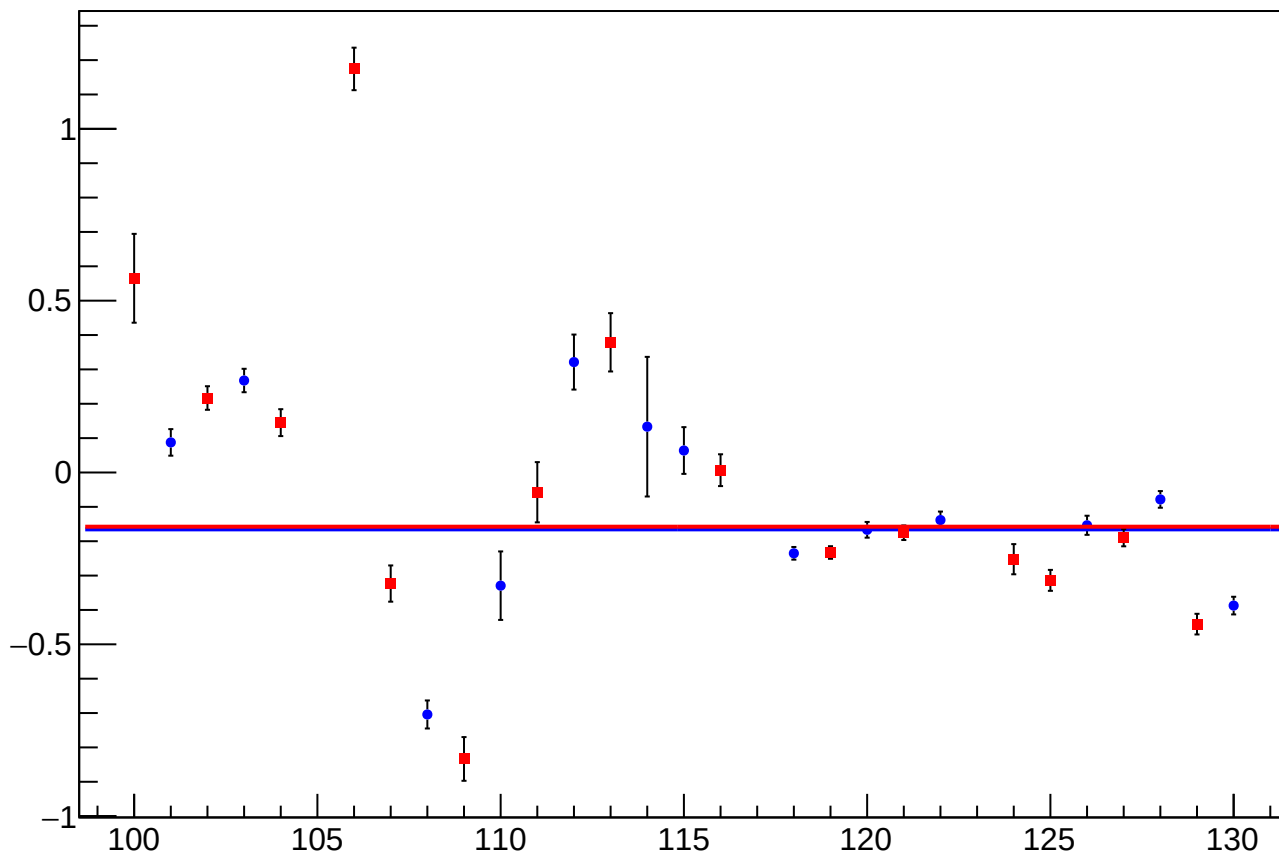
Right: 33.344+/-0.077 χ^2/NDF : 4141.9/27

In: 33.204+/-0.106 χ^2/NDF : 1656.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.344+/-0.077 χ^2/NDF : 4141.9/27

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.166+/-0.009 χ^2/NDF : 534.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.158+/-0.009 χ^2/NDF : 989.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

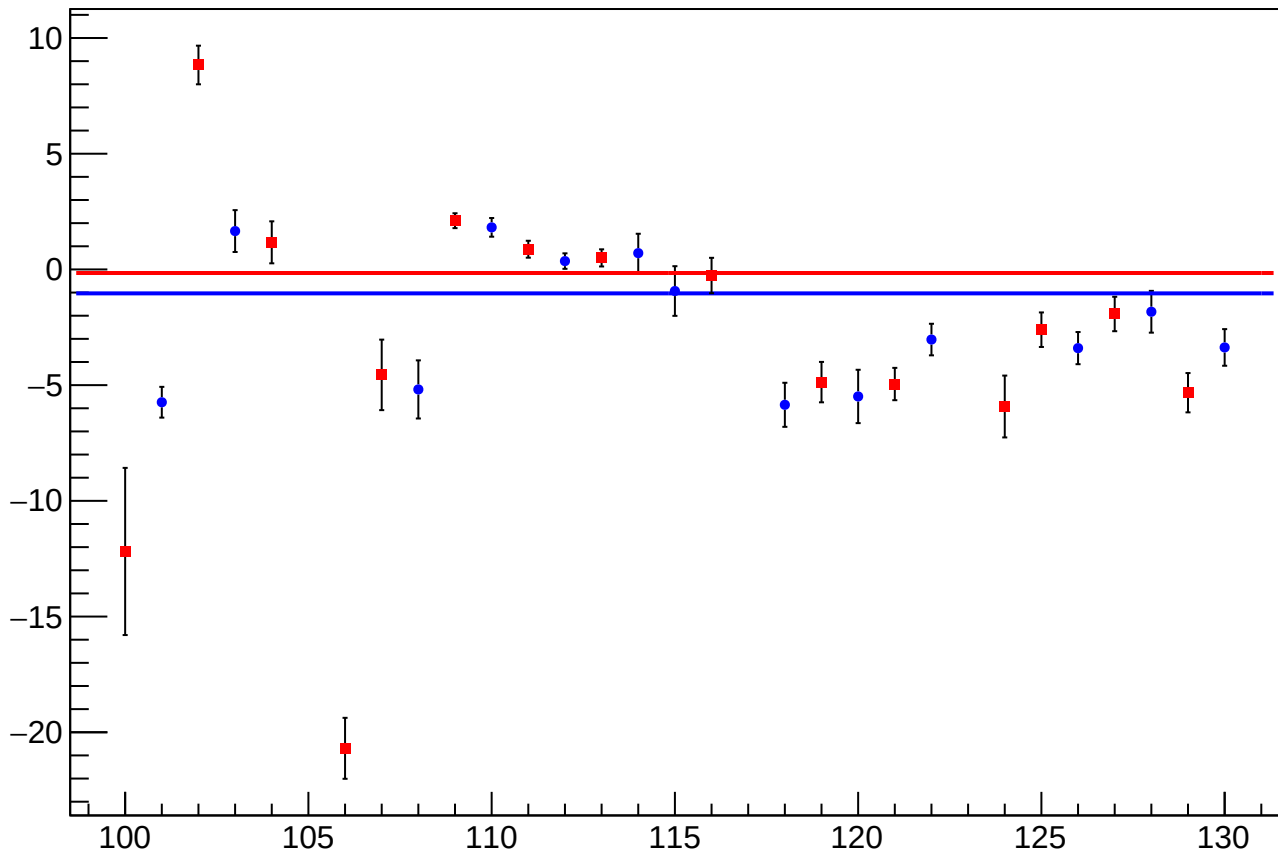
Right: -0.162+/-0.006 χ^2/NDF : 1525.0/27

In: -0.166+/-0.009 χ^2/NDF :534.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.162+/-0.006 χ^2/NDF : 1525.0/27

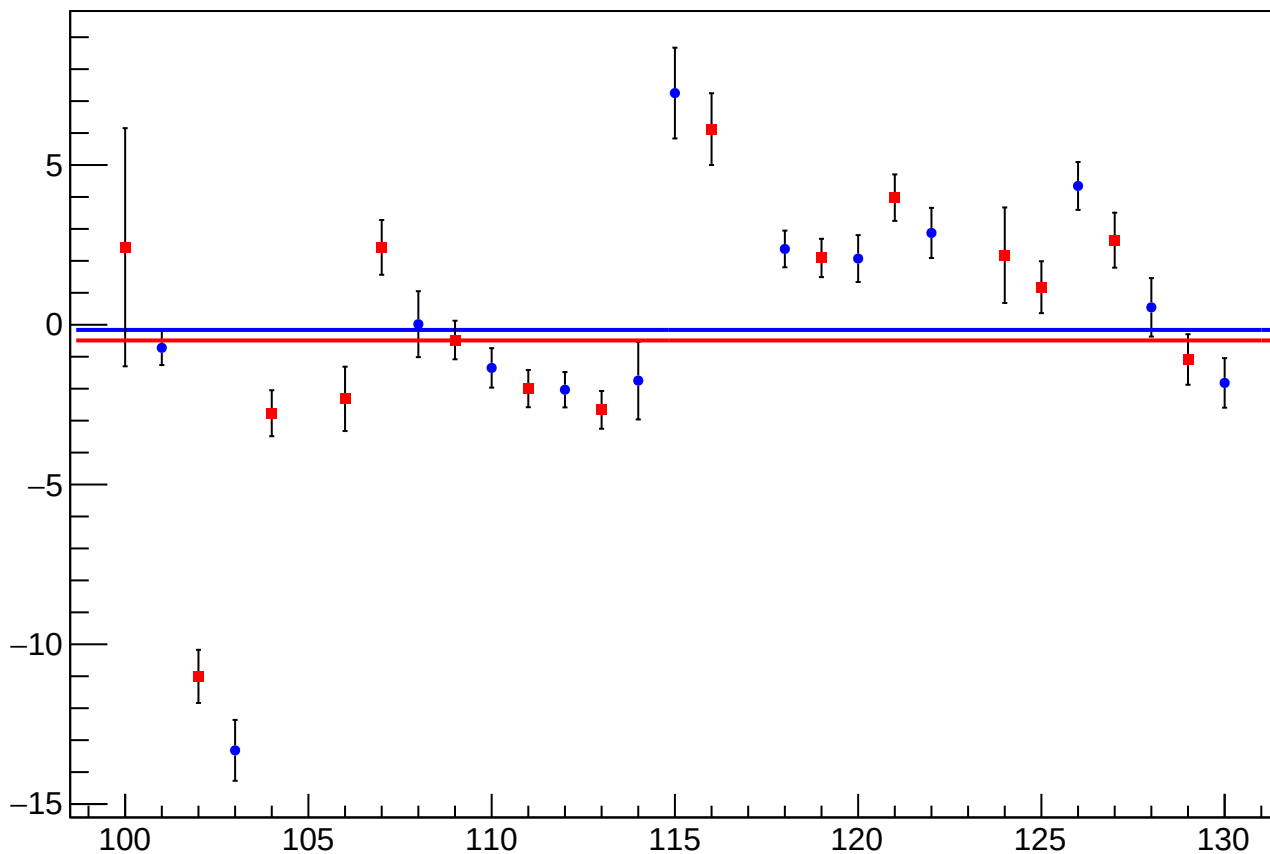
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.035 ± 0.181 $\chi^2/\text{NDF}: 211.6/12$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -0.155 ± 0.160 $\chi^2/\text{NDF}: 589.7/14$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right: -0.541 ± 0.120 $\chi^2/\text{NDF}: 814.5/27$
 In: -1.035 ± 0.181 $\chi^2/\text{NDF}: 211.6/12$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -0.541 ± 0.120 $\chi^2/\text{NDF}: 814.5/27$

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.161+/-0.205 χ^2/NDF : 321.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.490+/-0.201 χ^2/NDF : 317.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

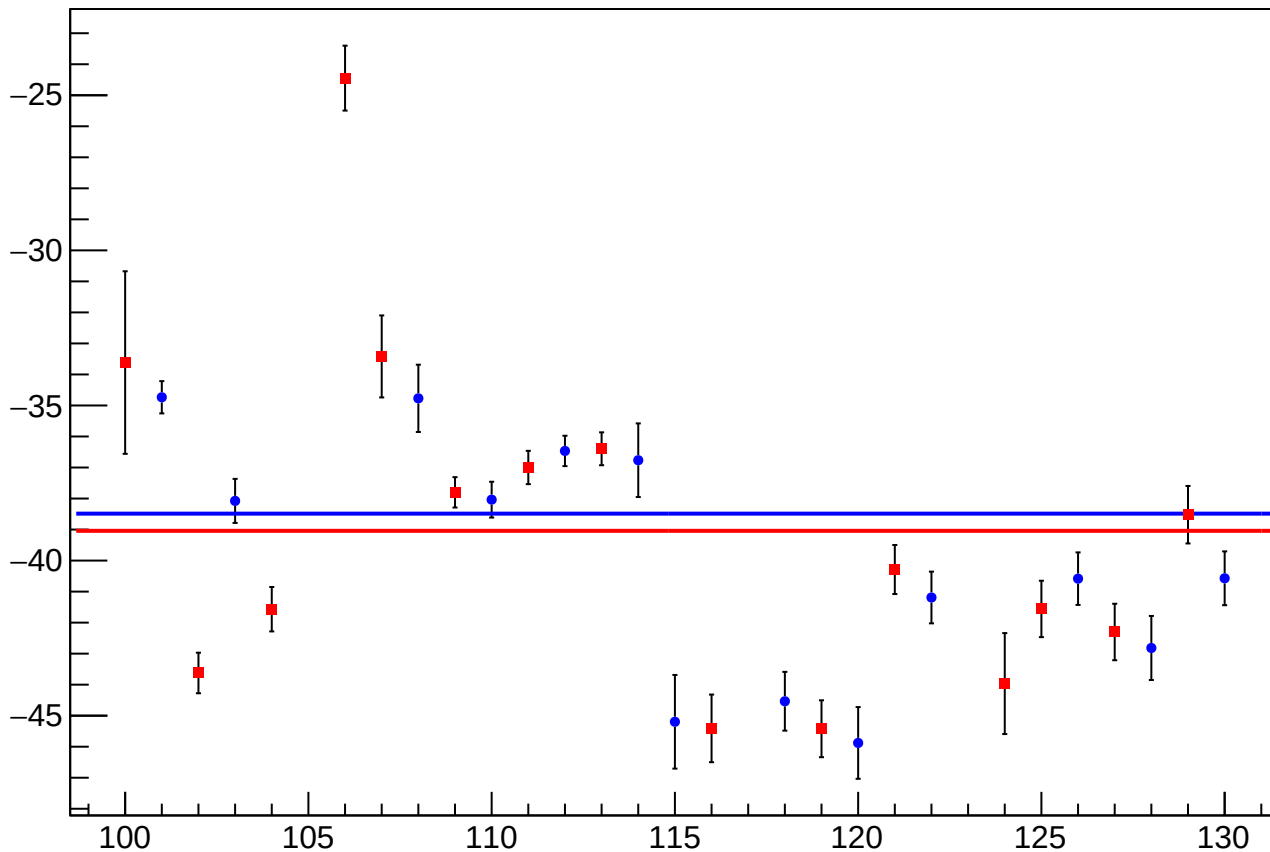
Right: -0.329+/-0.144 χ^2/NDF : 640.2/27

In: -0.161+/-0.205 χ^2/NDF :321.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.329+/-0.144 χ^2/NDF : 640.2/27

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -38.487+/-0.214 χ^2/NDF : 225.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -39.041+/-0.201 χ^2/NDF : 438.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

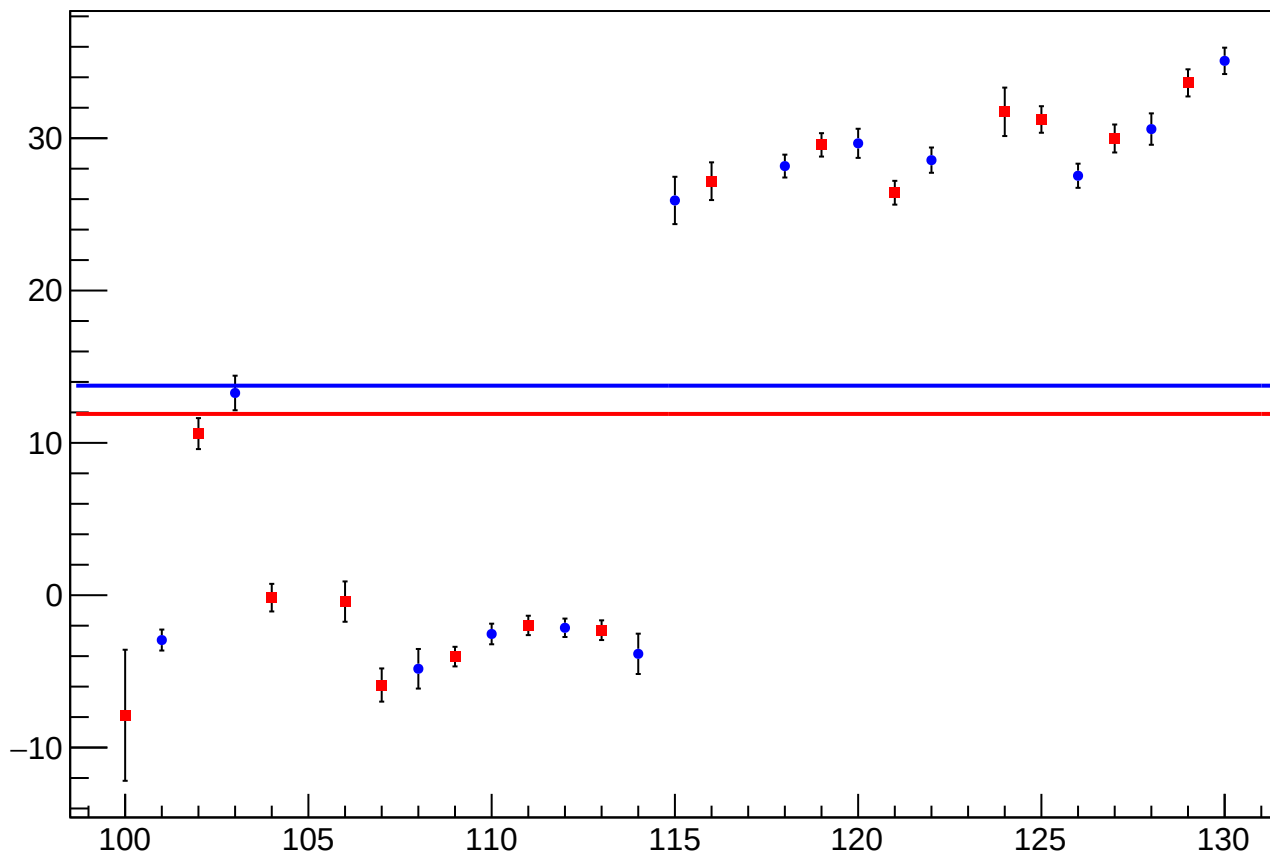
Right: -38.781+/-0.147 χ^2/NDF : 667.0/27

In: -38.487+/-0.214 χ^2/NDF : 225.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.781+/-0.147 χ^2/NDF : 667.0/27

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.755+/-0.239 χ^2/NDF : 4441.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.900+/-0.229 χ^2/NDF : 4780.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

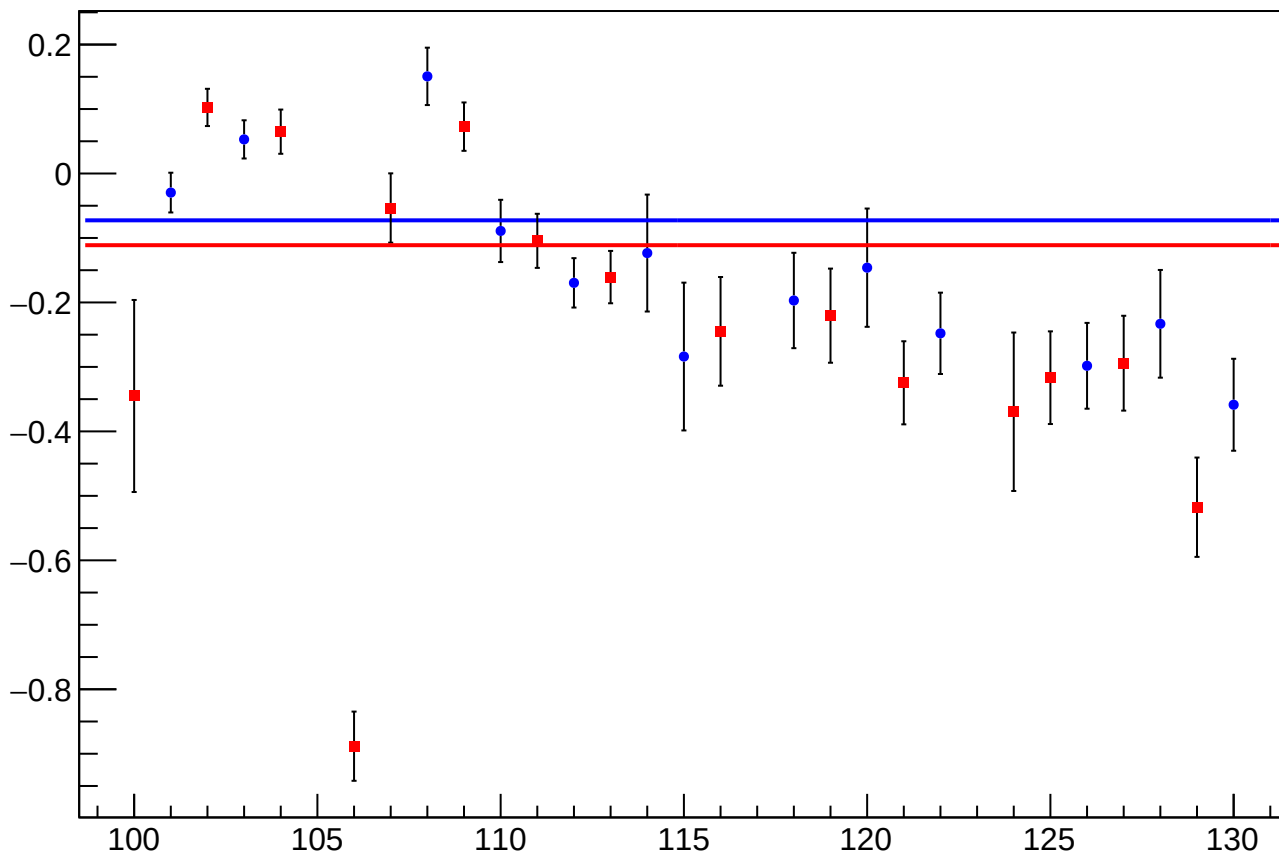
Right: 12.790+/-0.165 χ^2/NDF : 9253.2/27

In: 13.755+/-0.239 χ^2/NDF : 4441.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.790+/-0.165 χ^2/NDF : 9253.2/27

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.073+/-0.014 χ^2/NDF : 97.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.111+/-0.013 χ^2/NDF : 382.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

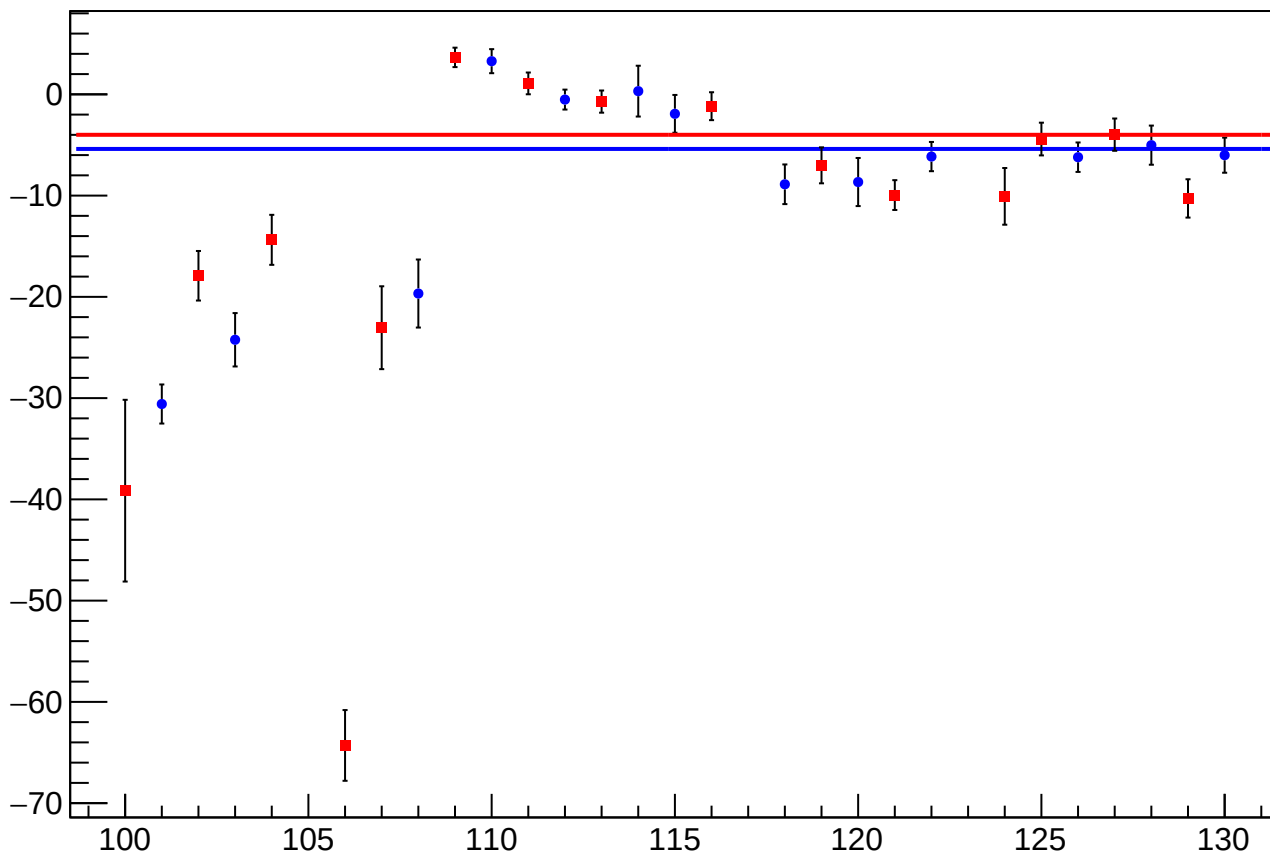
Right: -0.093+/-0.010 χ^2/NDF : 484.0/27

In: -0.073+/-0.014 χ^2/NDF :97.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.093+/-0.010 χ^2/NDF : 484.0/27

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.392+/-0.462 χ^2 /NDF: 331.9/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -3.996+/-0.417 χ^2 /NDF: 519.2/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

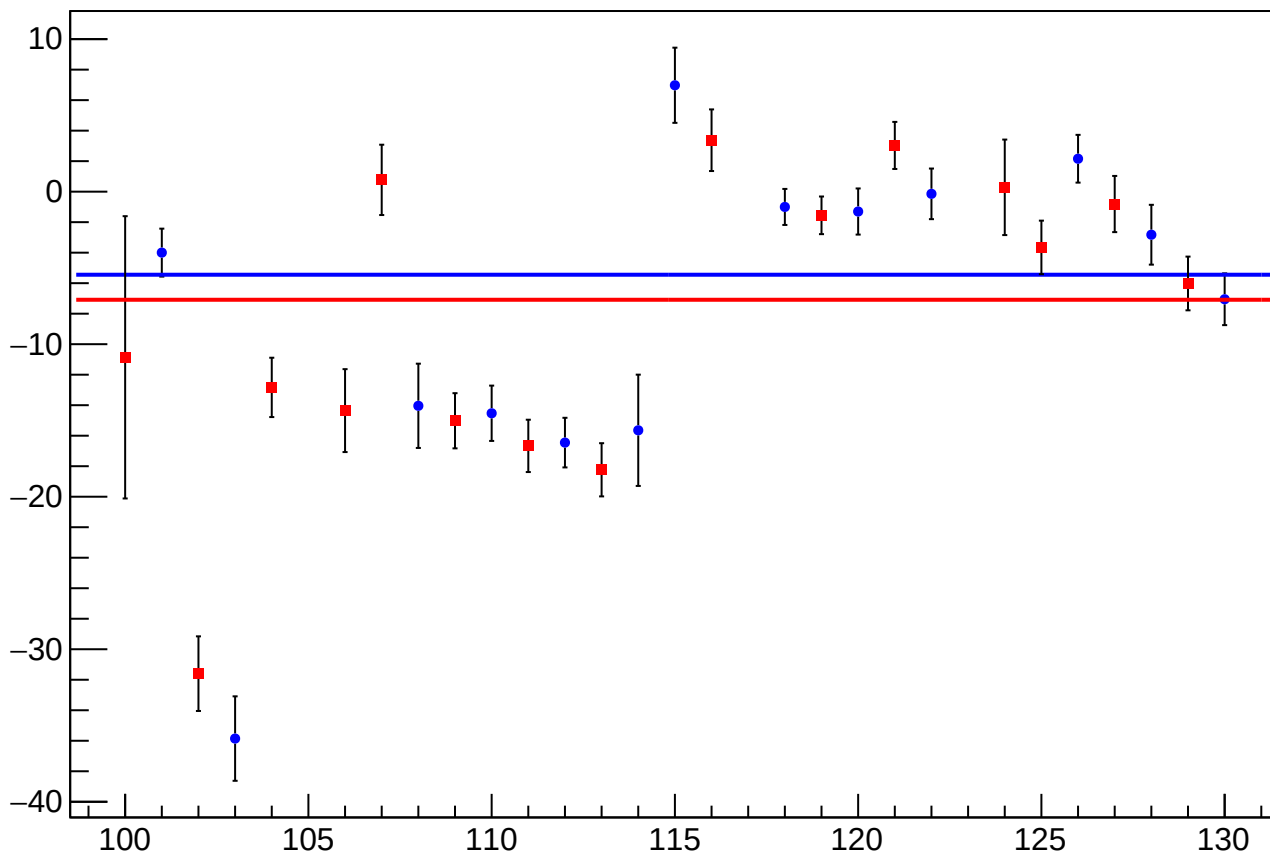
Right: -4.621+/-0.309 χ^2 /NDF: 856.1/27

In: -5.392+/-0.462 χ^2 /NDF:331.9/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -4.621+/-0.309 χ^2 /NDF: 856.1/27

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.446+/-0.493 χ^2/NDF : 293.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.087+/-0.493 χ^2/NDF : 330.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

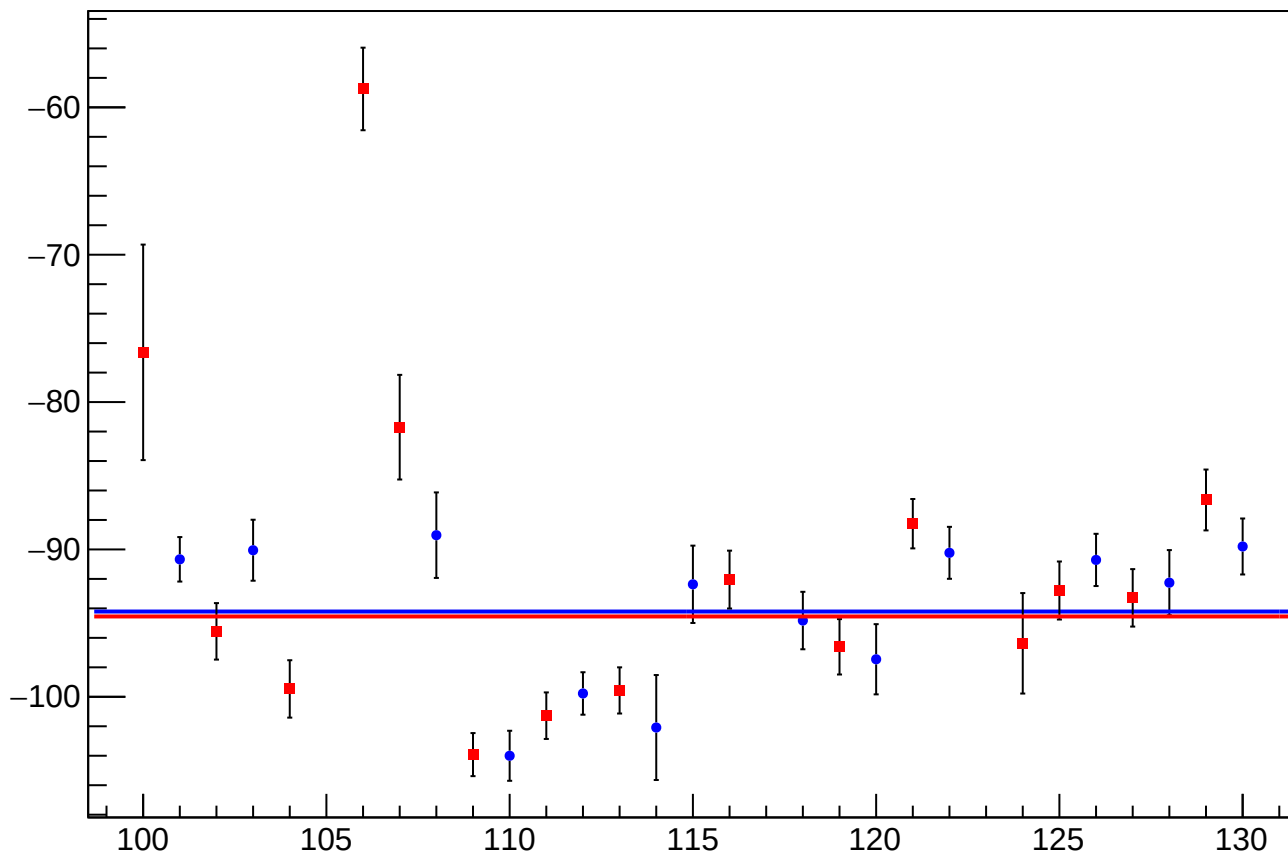
Right: -6.265+/-0.349 χ^2/NDF : 629.6/27

In: -5.446+/-0.493 χ^2/NDF : 293.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.265+/-0.349 χ^2/NDF : 629.6/27

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -94.213+/-0.542 χ^2/NDF : 83.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -94.548+/-0.514 χ^2/NDF : 291.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

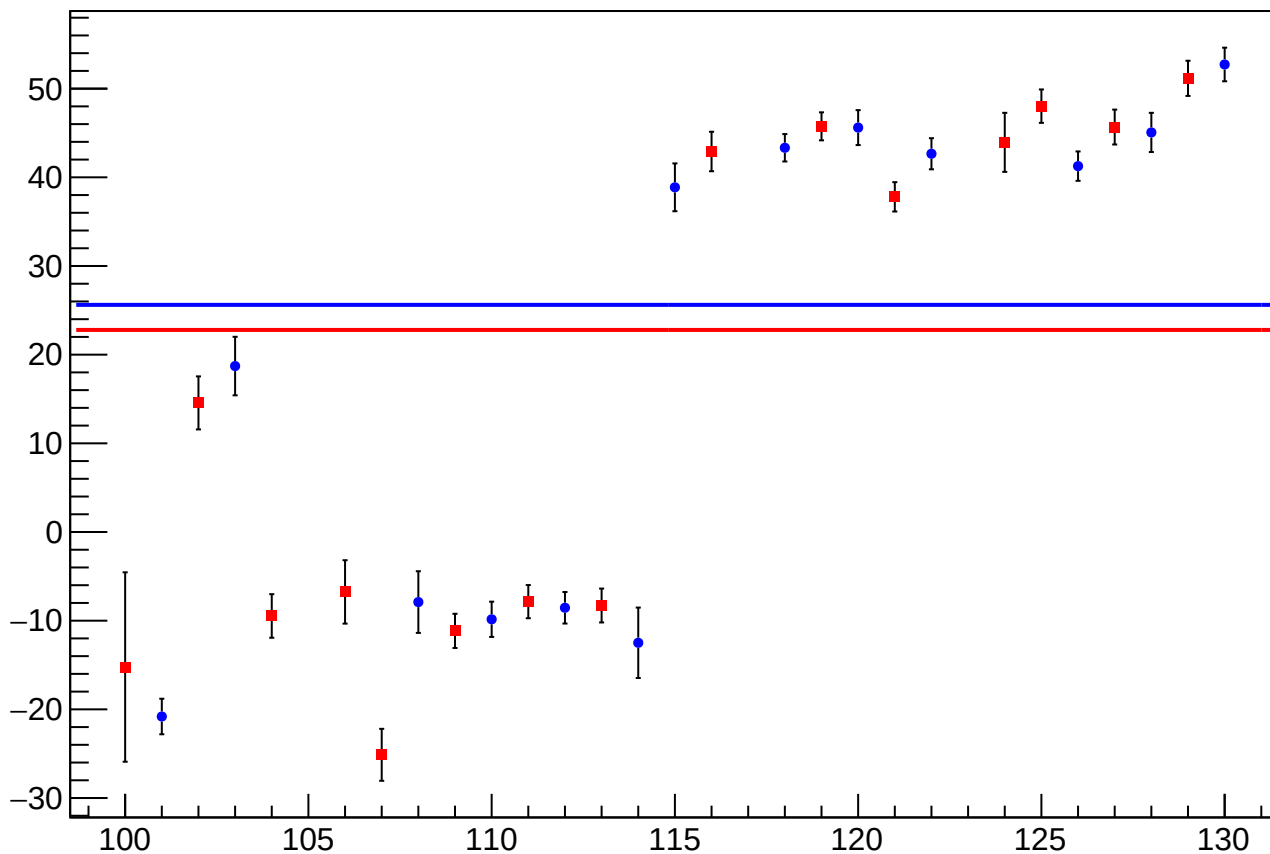
Right: -94.389+/-0.373 χ^2/NDF : 375.3/27

In: -94.213+/-0.542 χ^2/NDF :83.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -94.389+/-0.373 χ^2/NDF : 375.3/27

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 25.616+/-0.573 χ^2/NDF : 2136.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.789+/-0.562 χ^2/NDF : 2305.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

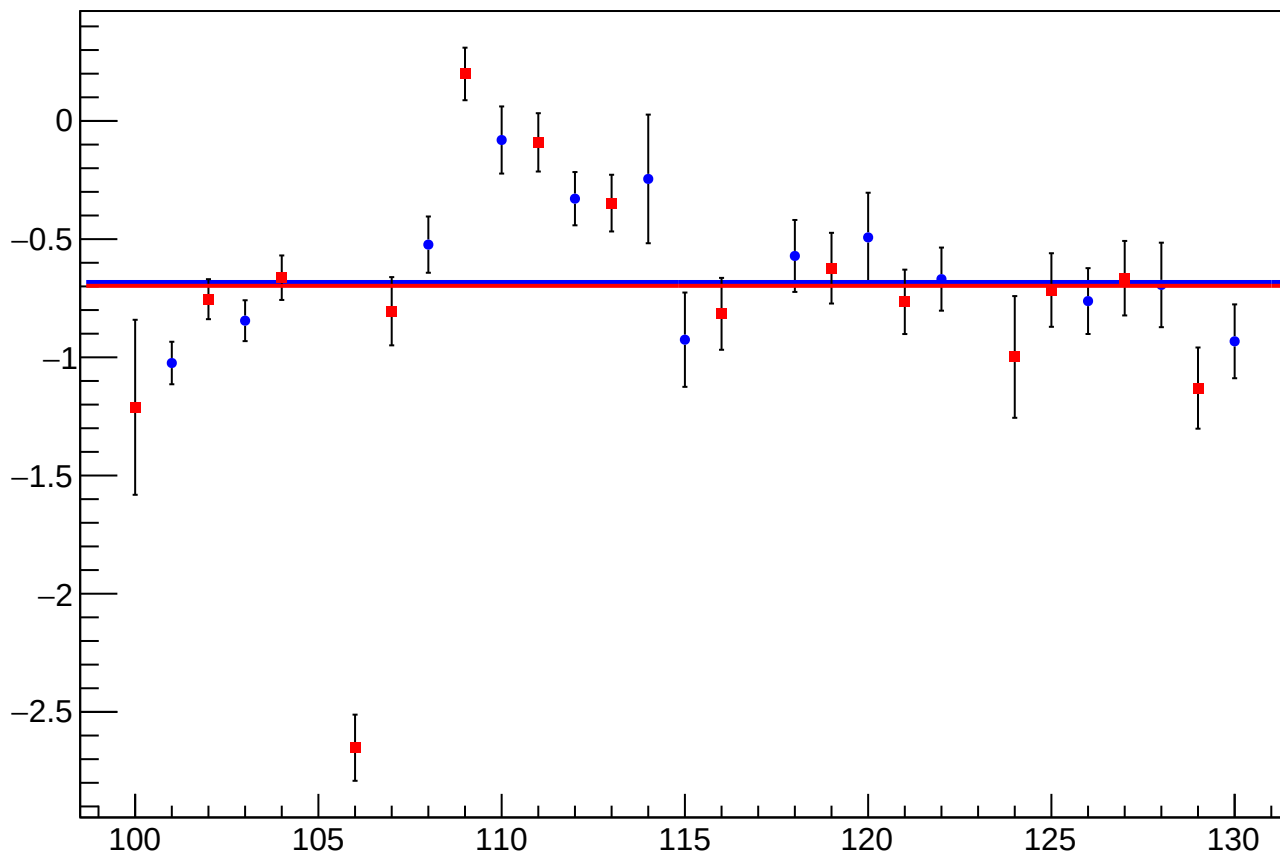
Right: 24.175+/-0.402 χ^2/NDF : 4454.4/27

In: 25.616+/-0.573 χ^2/NDF : 2136.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.175+/-0.402 χ^2/NDF : 4454.4/27

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.681+/-0.037 χ^2/NDF : 56.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.698+/-0.034 χ^2/NDF : 304.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

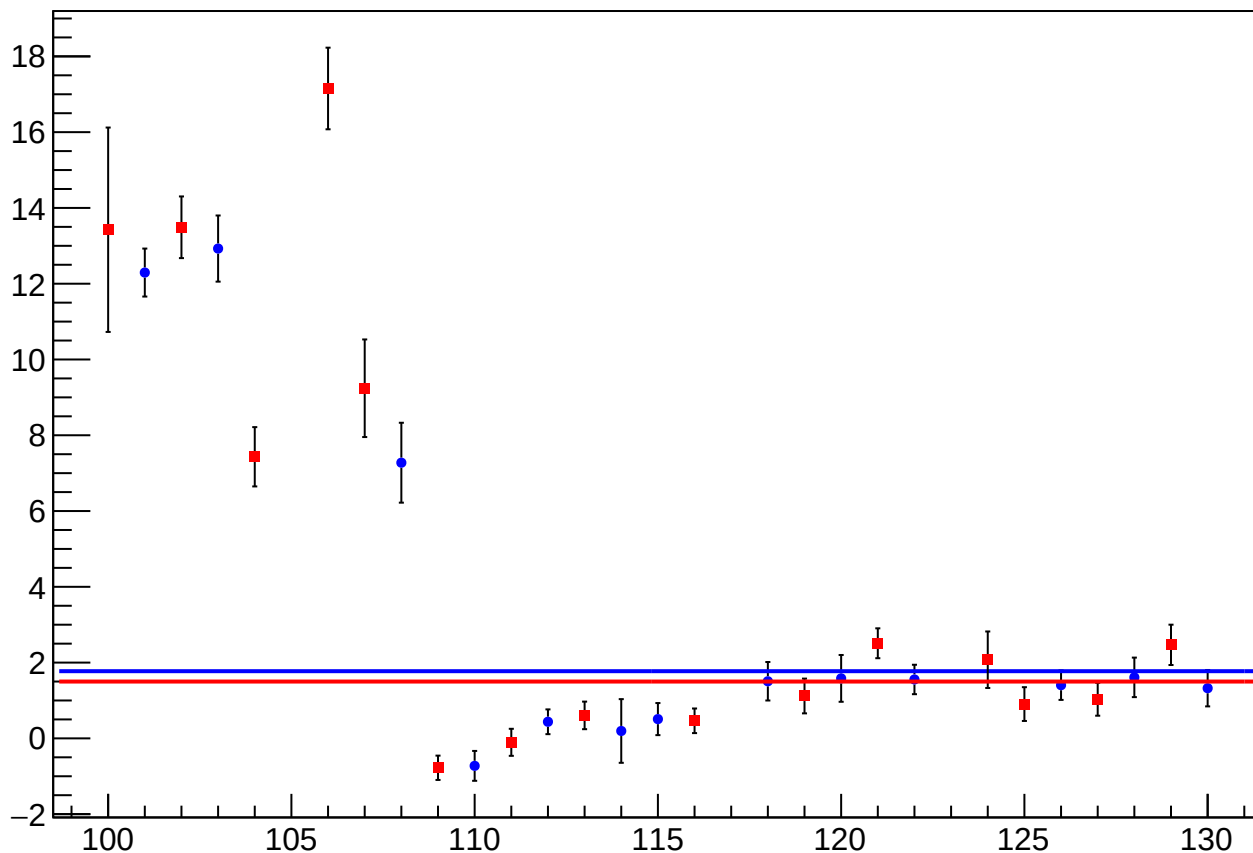
Right: -0.690+/-0.025 χ^2/NDF : 360.8/27

In: -0.681+/-0.037 χ^2/NDF :56.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.690+/-0.025 χ^2/NDF : 360.8/27

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.773 $\pm$ 0.135 χ^2 /NDF: 538.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.500 $\pm$ 0.123 χ^2 /NDF: 642.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

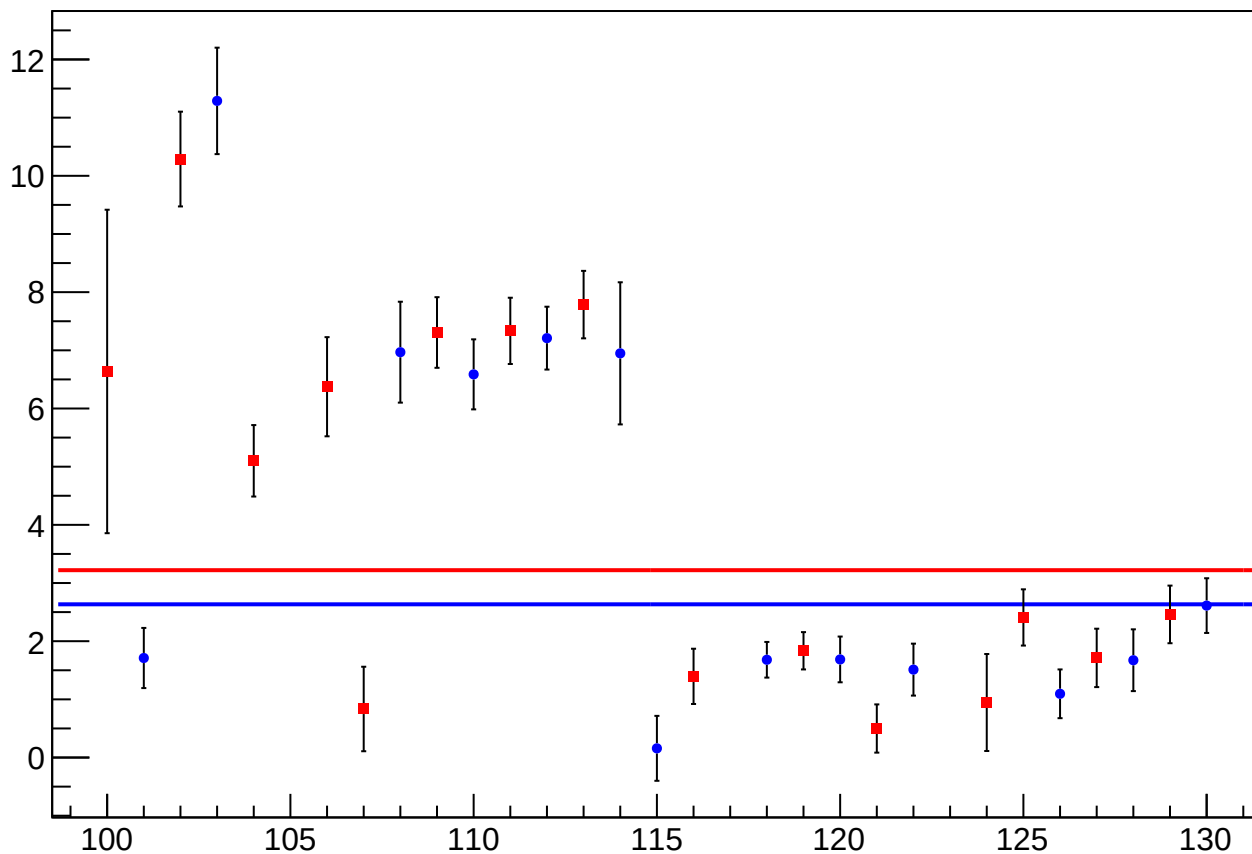
Right: 1.624 $\pm$ 0.091 χ^2 /NDF: 1182.9/27

In: 1.773 $\pm$ 0.135 χ^2 /NDF:538.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.624 $\pm$ 0.091 χ^2 /NDF: 1182.9/27

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.634+/-0.138 χ^2/NDF : 303.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.221+/-0.141 χ^2/NDF : 368.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

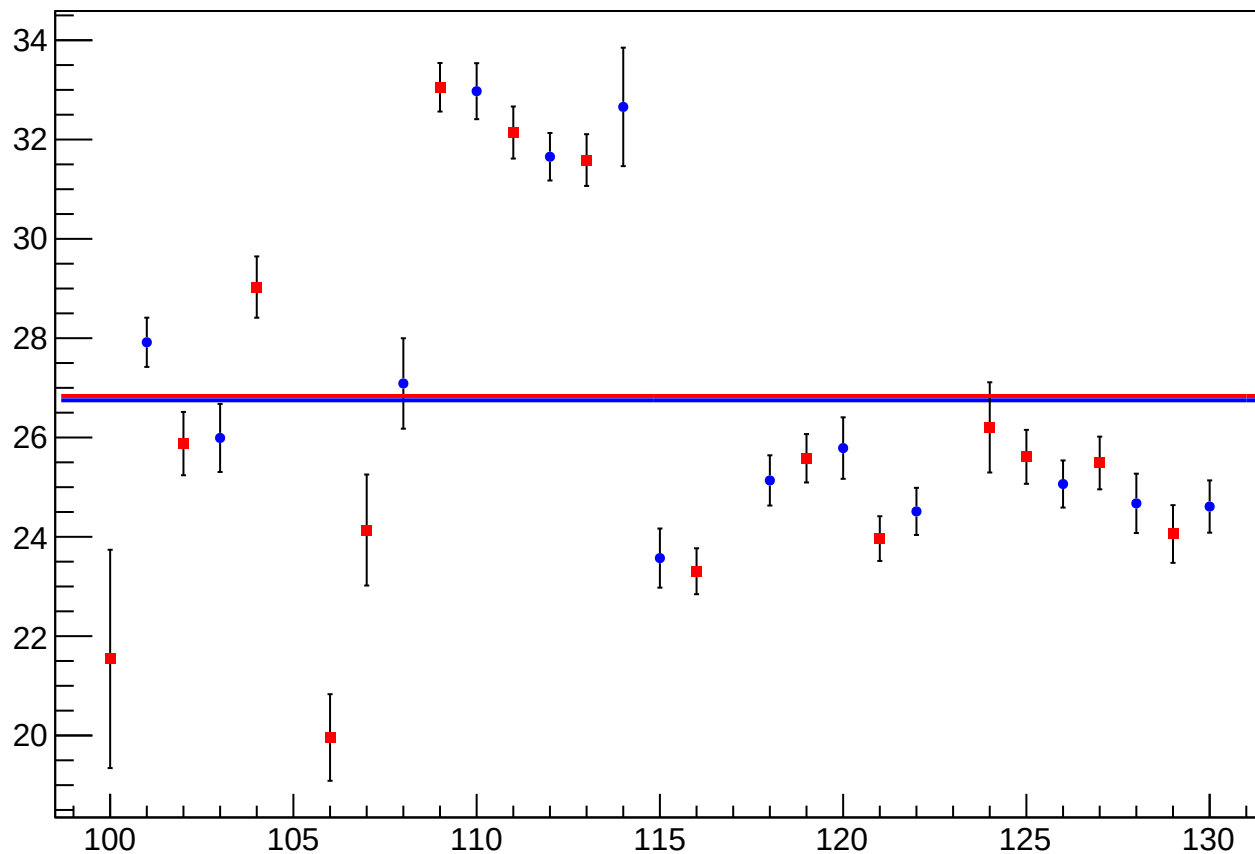
Right: 2.921+/-0.099 χ^2/NDF : 680.3/27

In: 2.634+/-0.138 χ^2/NDF : 303.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.921+/-0.099 χ^2/NDF : 680.3/27

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 26.749+/-0.158 χ^2/NDF : 363.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.836+/-0.151 χ^2/NDF : 576.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

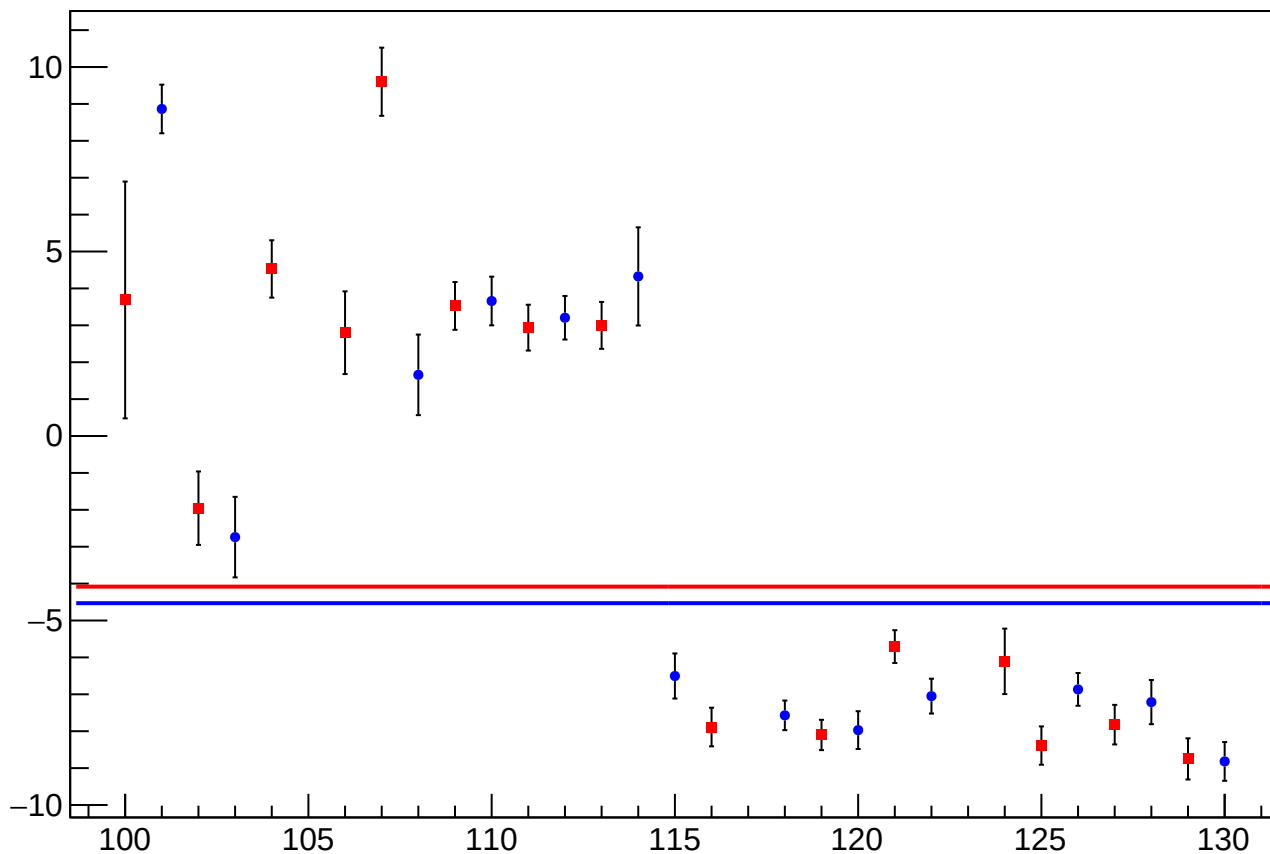
Right: 26.794+/-0.109 χ^2/NDF : 939.7/27

In: 26.749+/-0.158 χ^2/NDF : 363.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.794+/-0.109 χ^2/NDF : 939.7/27

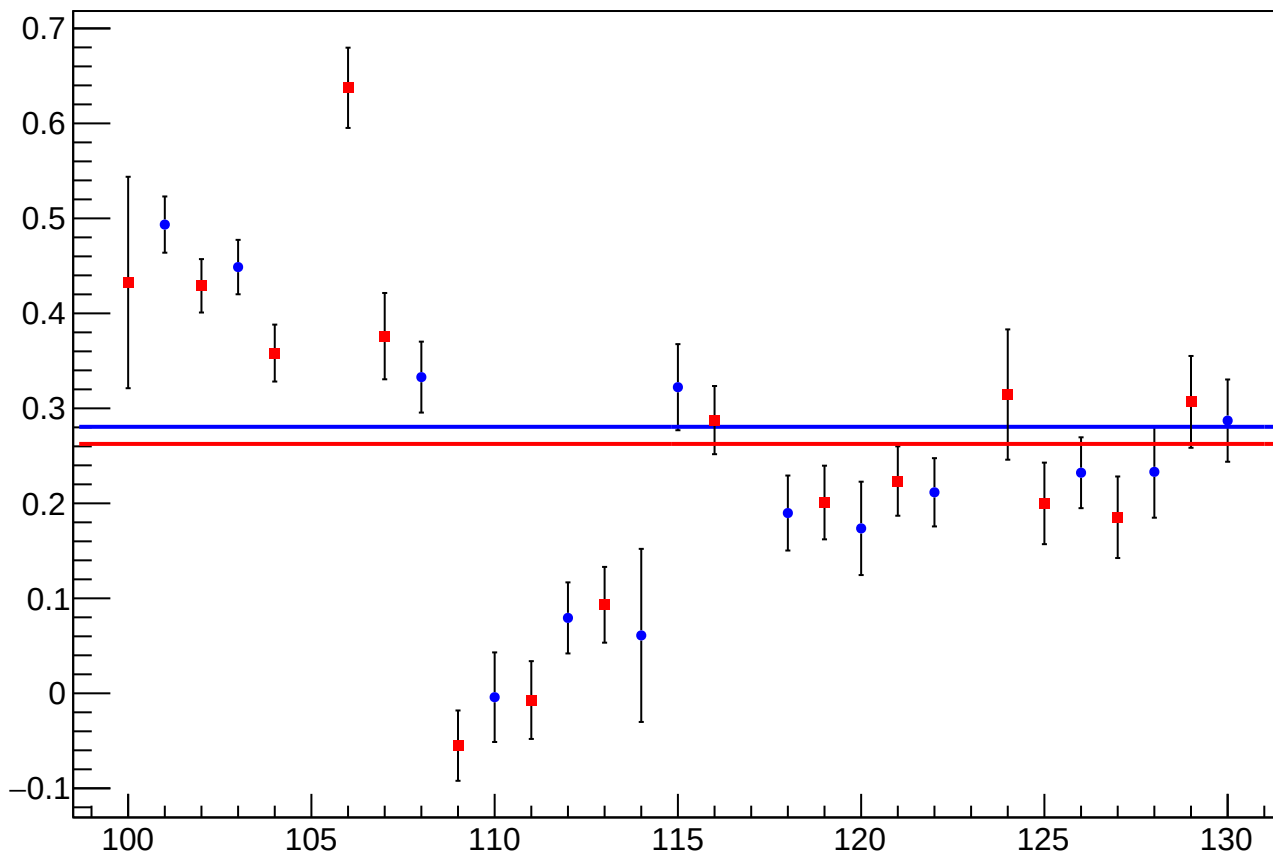
reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.530 ± 0.161 χ^2/NDF : 1073.3/12
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -4.082 ± 0.161 χ^2/NDF : 1135.1/14
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -4.306 ± 0.114 χ^2/NDF : 2212.3/27
 In: -4.530 ± 0.161 χ^2/NDF : 1073.3/12
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -4.306 ± 0.114 χ^2/NDF : 2212.3/27

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.281+/-0.011 χ^2/NDF : 176.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.263+/-0.010 χ^2/NDF : 278.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

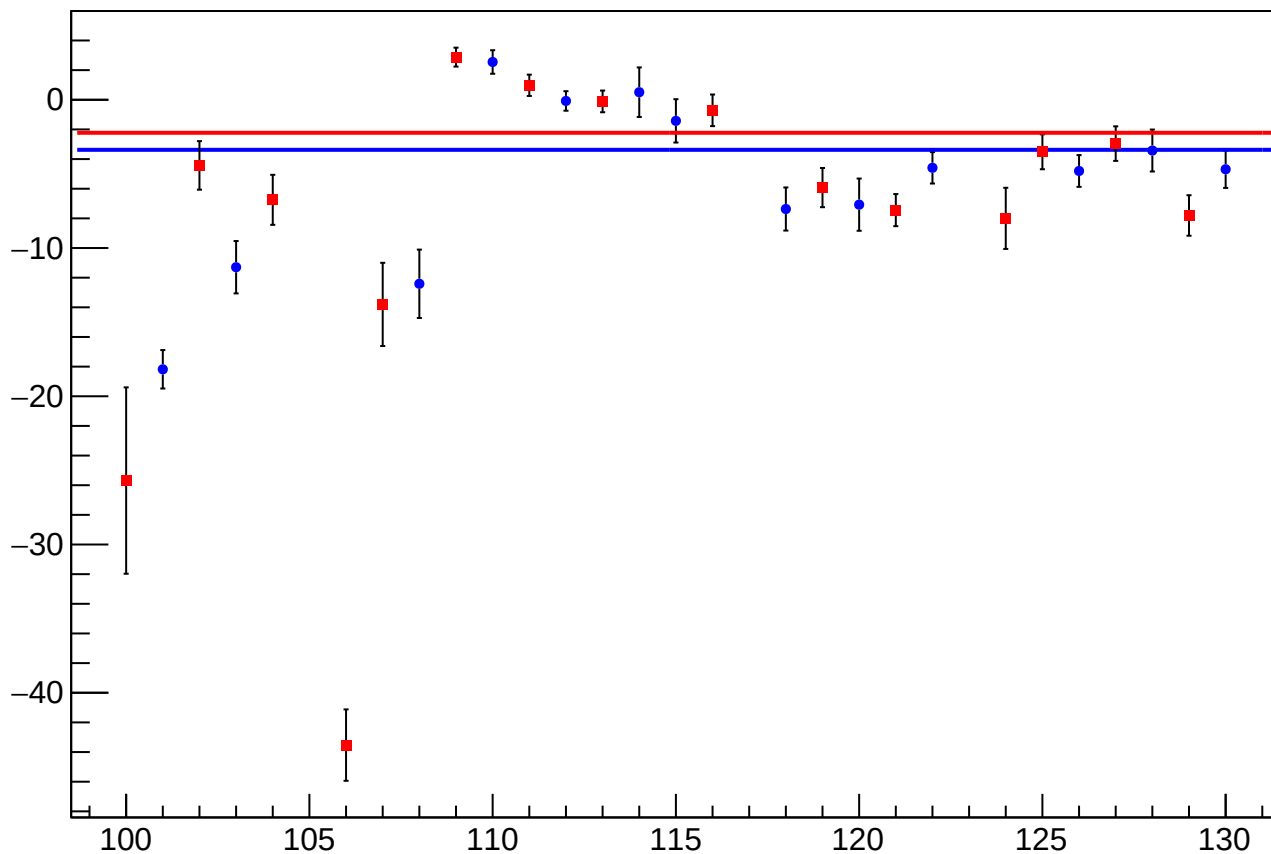
Right: 0.271+/-0.008 χ^2/NDF : 456.5/27

In: 0.281+/-0.011 χ^2/NDF : 176.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.271+/-0.008 χ^2/NDF : 456.5/27

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.375+/-0.324 χ^2 /NDF: 269.8/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2.226+/-0.291 χ^2 /NDF: 485.1/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

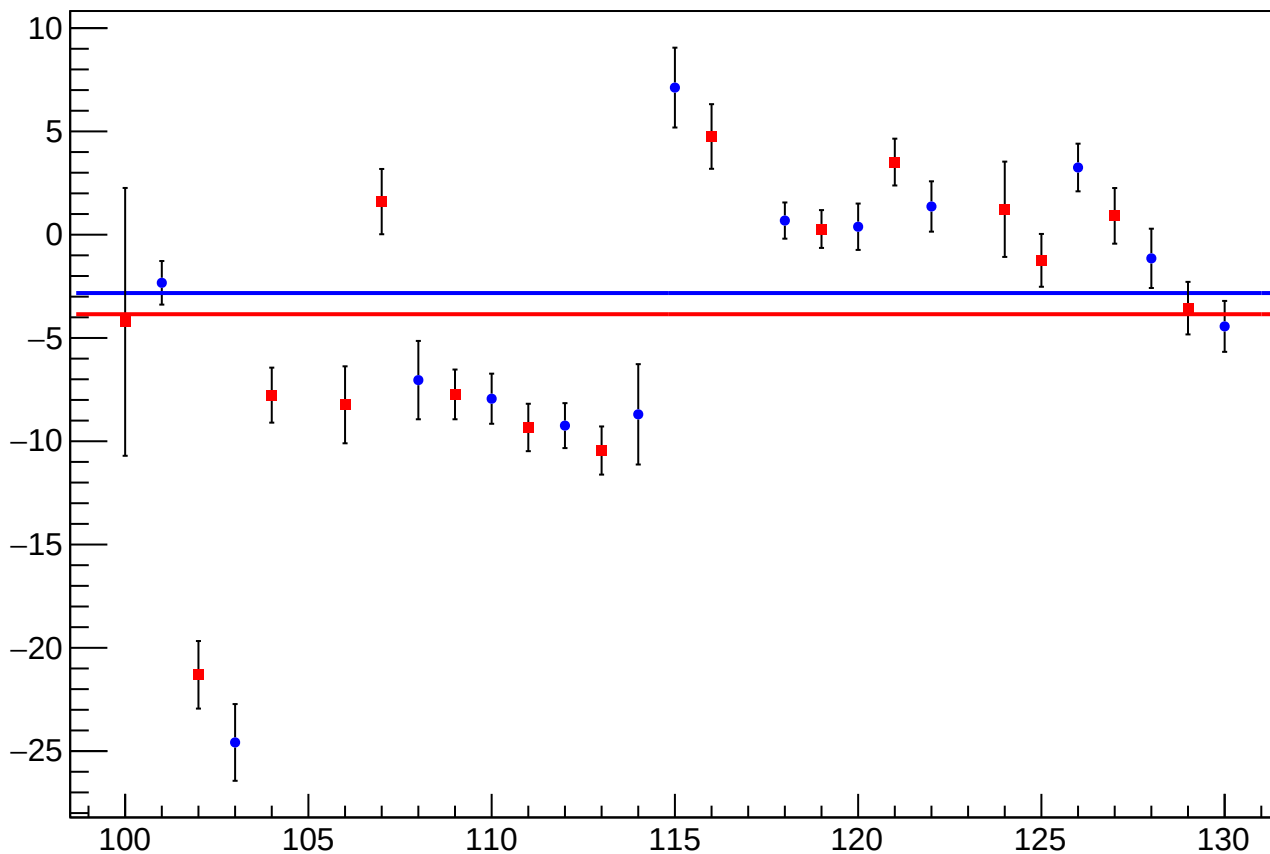
Right: -2.738+/-0.216 χ^2 /NDF: 761.9/27

In: -3.375+/-0.324 χ^2 /NDF:269.8/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2.738+/-0.216 χ^2 /NDF: 761.9/27

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.825+/-0.352 χ^2 /NDF: 294.1/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -3.850+/-0.350 χ^2 /NDF: 319.6/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

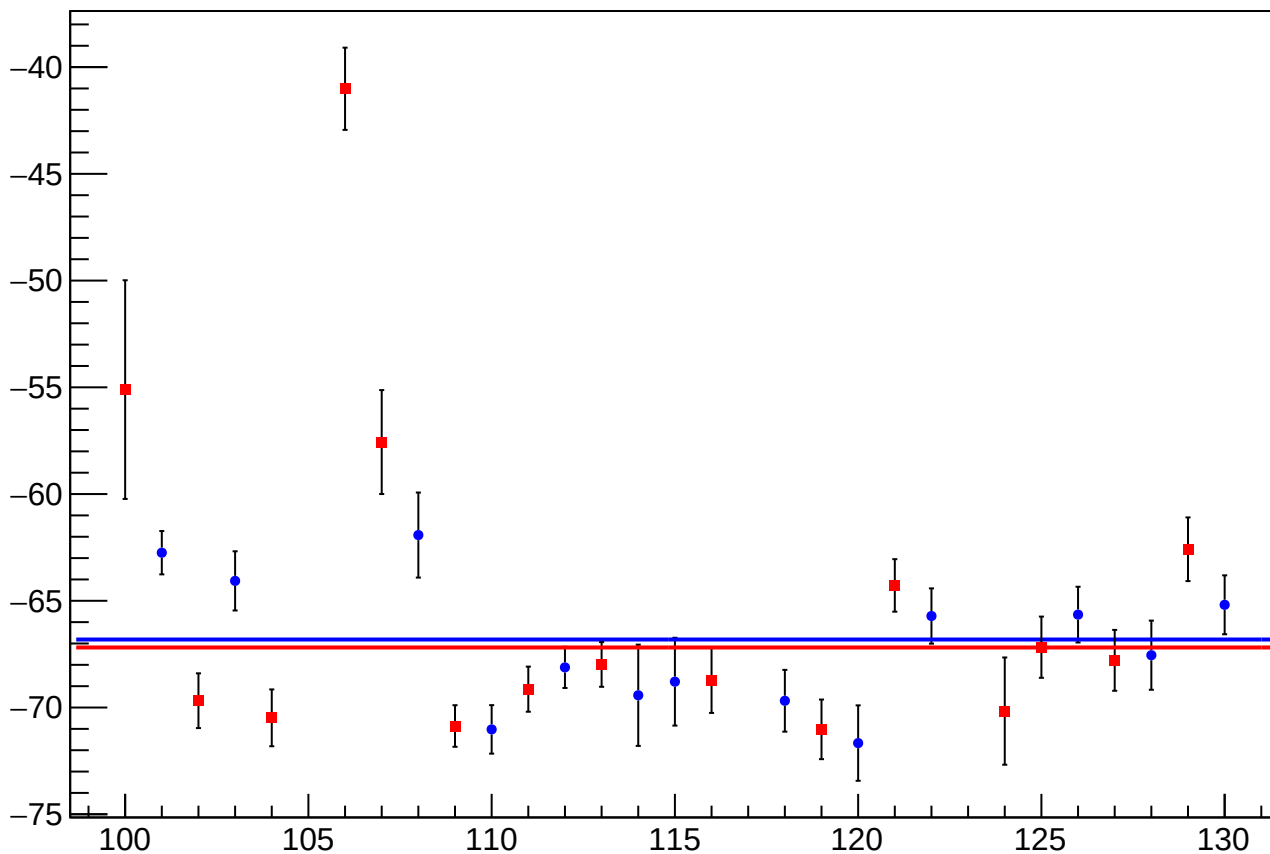
Right: -3.340+/-0.248 χ^2 /NDF: 618.0/27

In: -2.825+/-0.352 χ^2 /NDF:294.1/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -3.340+/-0.248 χ^2 /NDF: 618.0/27

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -66.814 $\pm$ 0.381 χ^2 /NDF: 58.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -67.187 $\pm$ 0.360 χ^2 /NDF: 259.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

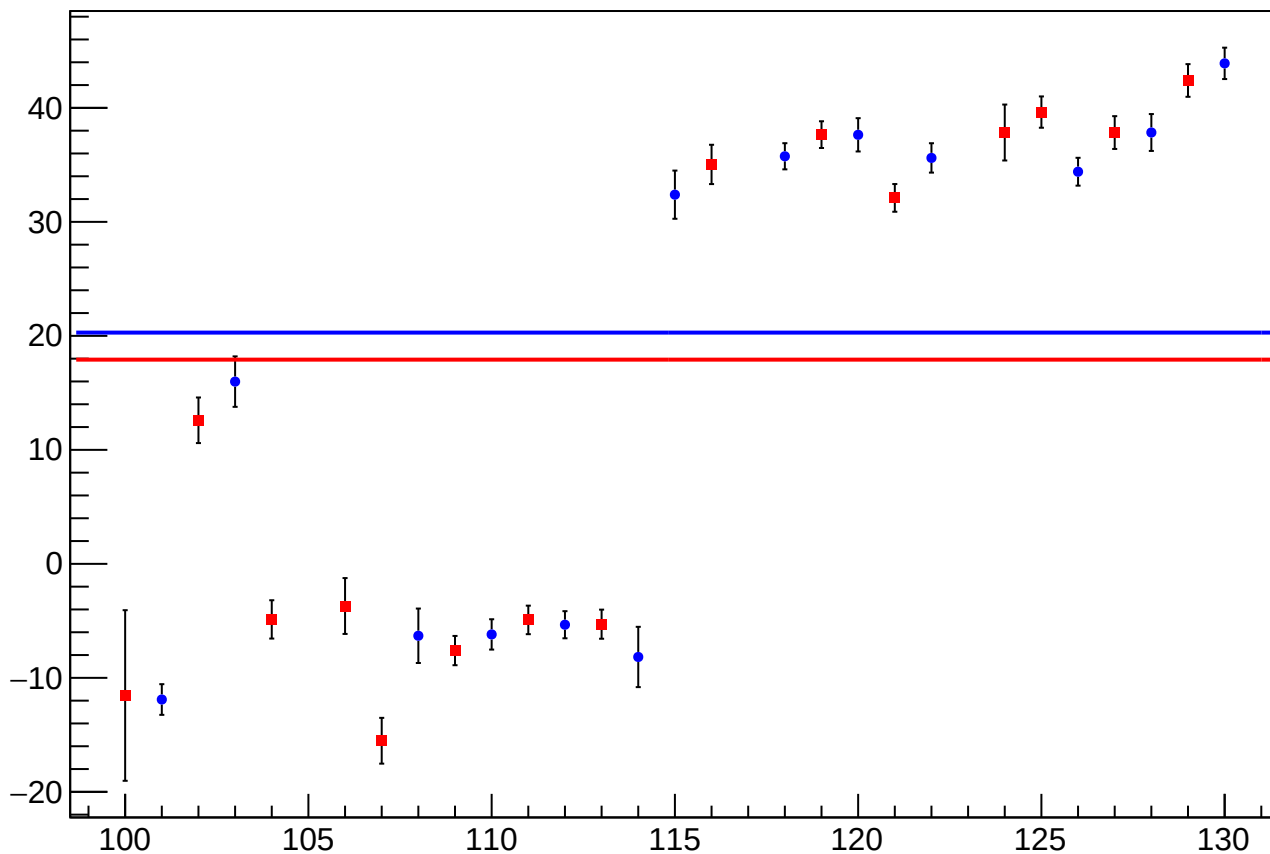
Right: -67.011 $\pm$ 0.262 χ^2 /NDF: 318.2/27

In: -66.814 $\pm$ 0.381 χ^2 /NDF:58.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -67.011 $\pm$ 0.262 χ^2 /NDF: 318.2/27

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.286+/-0.409 χ^2/NDF : 2718.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.914+/-0.398 χ^2/NDF : 2937.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

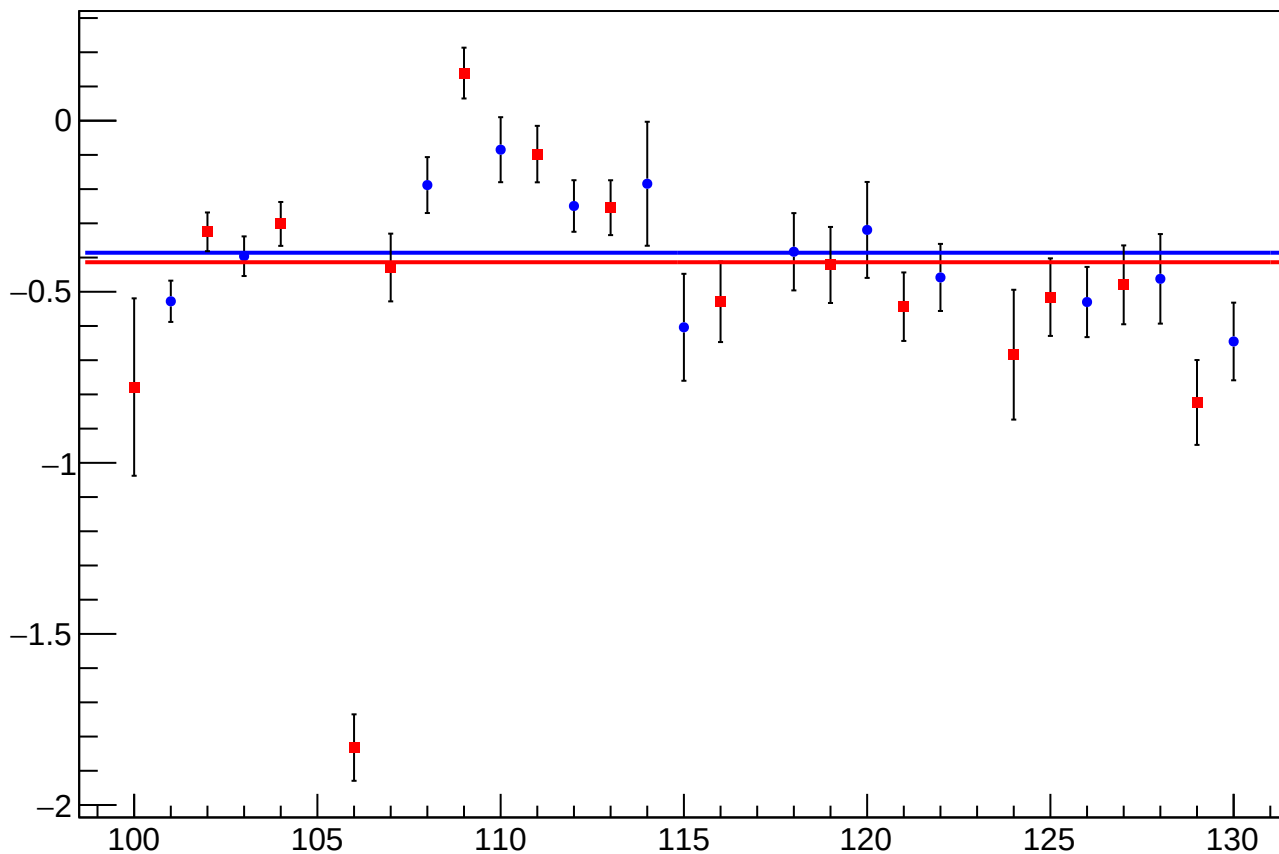
Right: 19.070+/-0.285 χ^2/NDF : 5672.9/27

In: 20.286+/-0.409 χ^2/NDF : 2718.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.070+/-0.285 χ^2/NDF : 5672.9/27

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.386+/-0.025 χ^2 /NDF: 36.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.414+/-0.024 χ^2 /NDF: 311.6/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

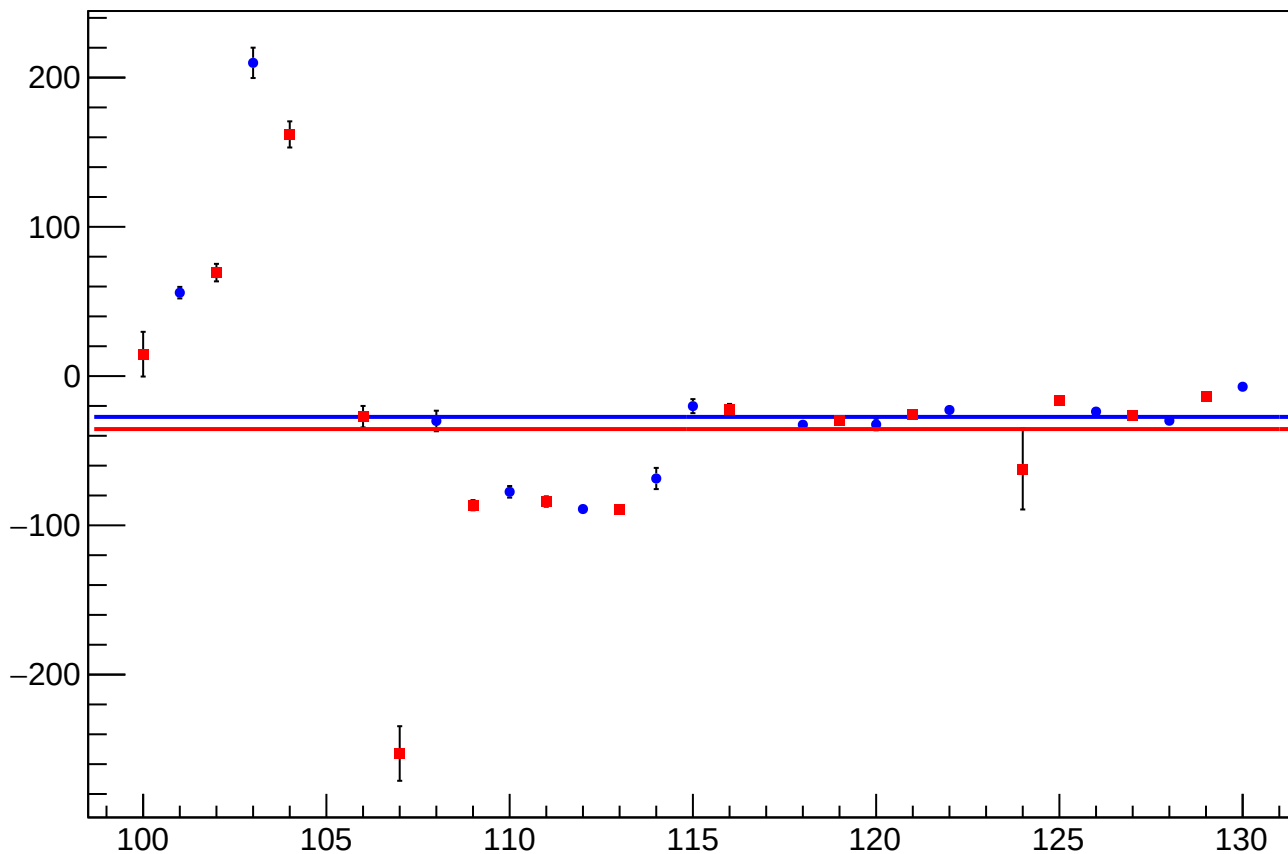
Right: -0.401+/-0.017 χ^2 /NDF: 348.5/27

In: -0.386+/-0.025 χ^2 /NDF:36.2/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.401+/-0.017 χ^2 /NDF: 348.5/27

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -27.341 ± 1.022 χ^2/NDF : 1658.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -35.495 ± 1.017 χ^2/NDF : 1790.4/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

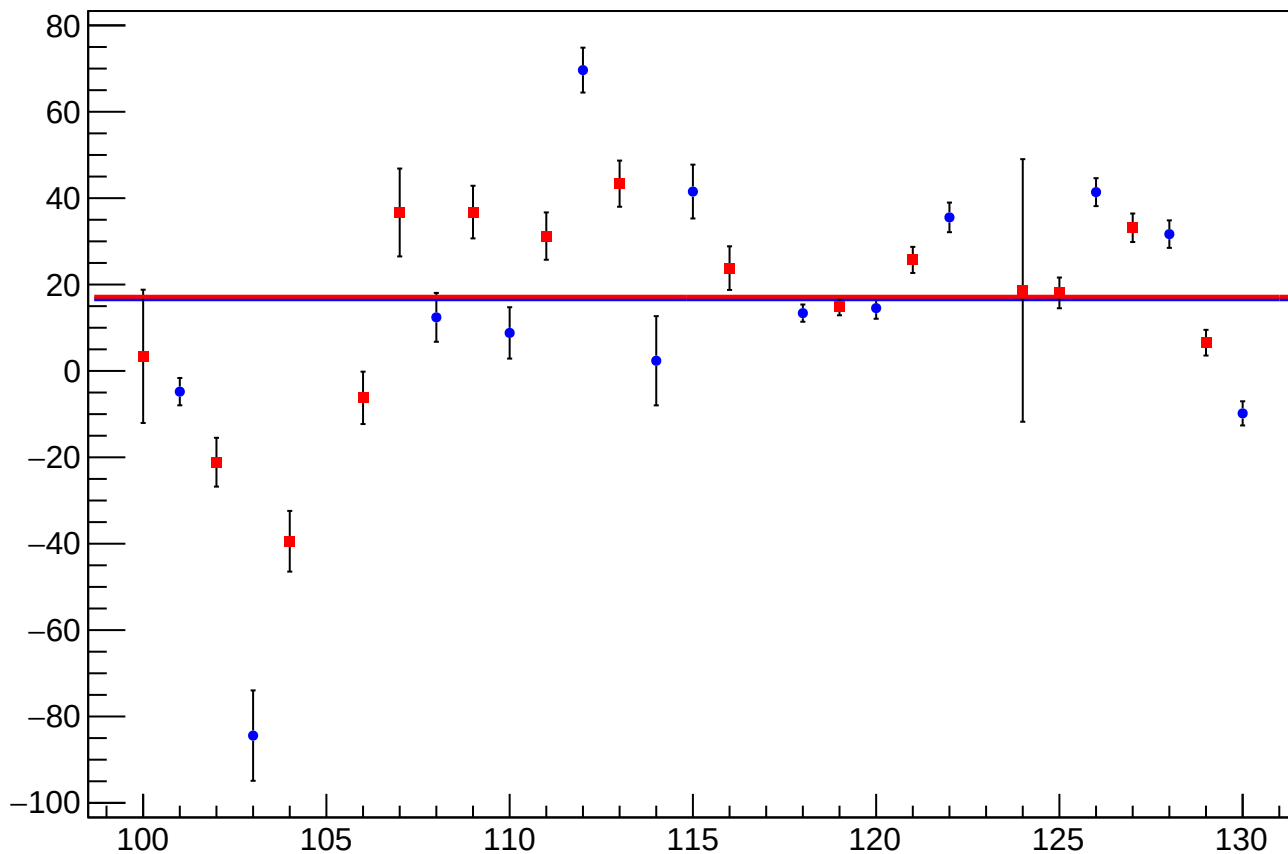
Right: -31.438 ± 0.721 χ^2/NDF : 3480.9/27

In: -27.341 ± 1.022 χ^2/NDF : 1658.5/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -31.438 ± 0.721 χ^2/NDF : 3480.9/27

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.601+/-0.970 χ^2/NDF : 467.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.179+/-1.068 χ^2/NDF : 218.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

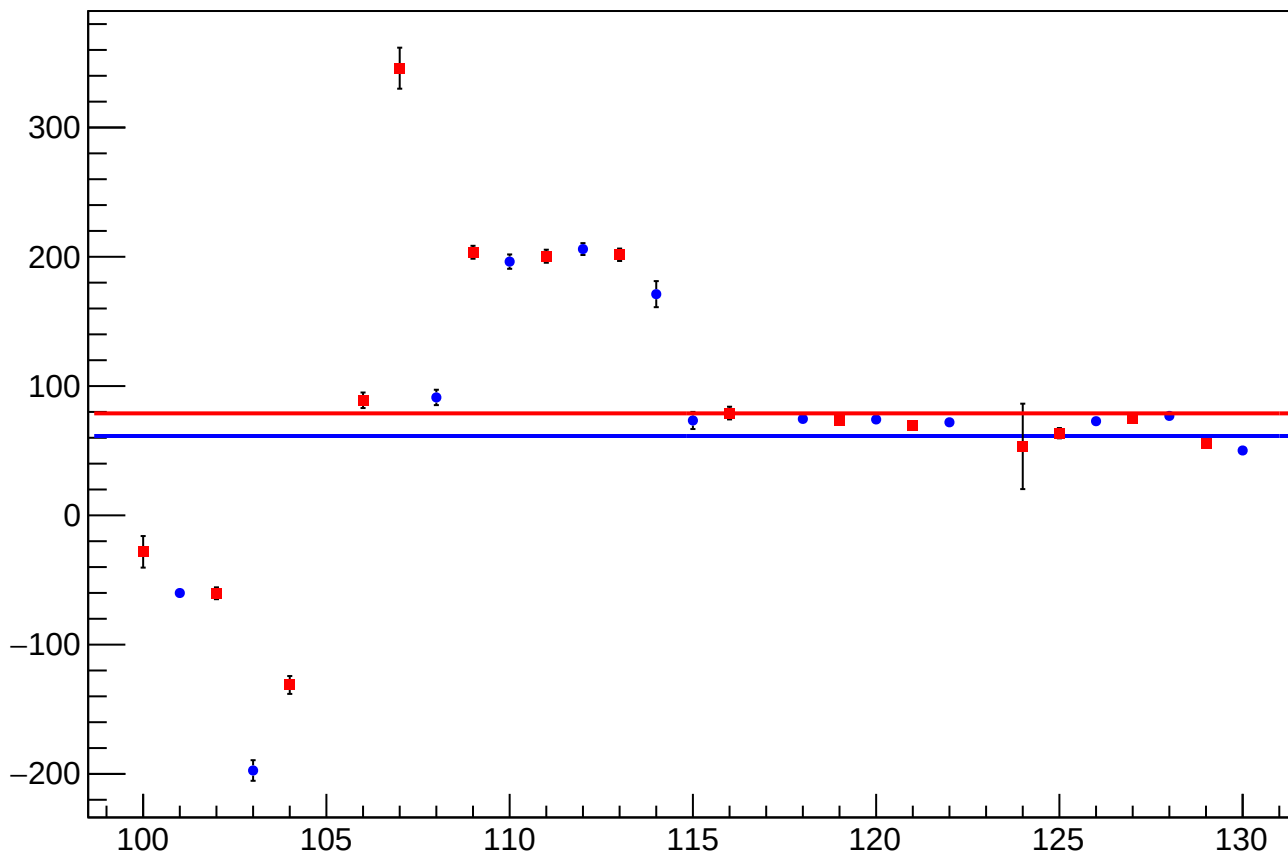
Right: 16.862+/-0.718 χ^2/NDF : 686.1/27

In: 16.601+/-0.970 χ^2/NDF : 467.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.862+/-0.718 χ^2/NDF : 686.1/27

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 61.381+/-1.142 χ^2/NDF : 4473.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 78.887+/-1.191 χ^2/NDF : 4135.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

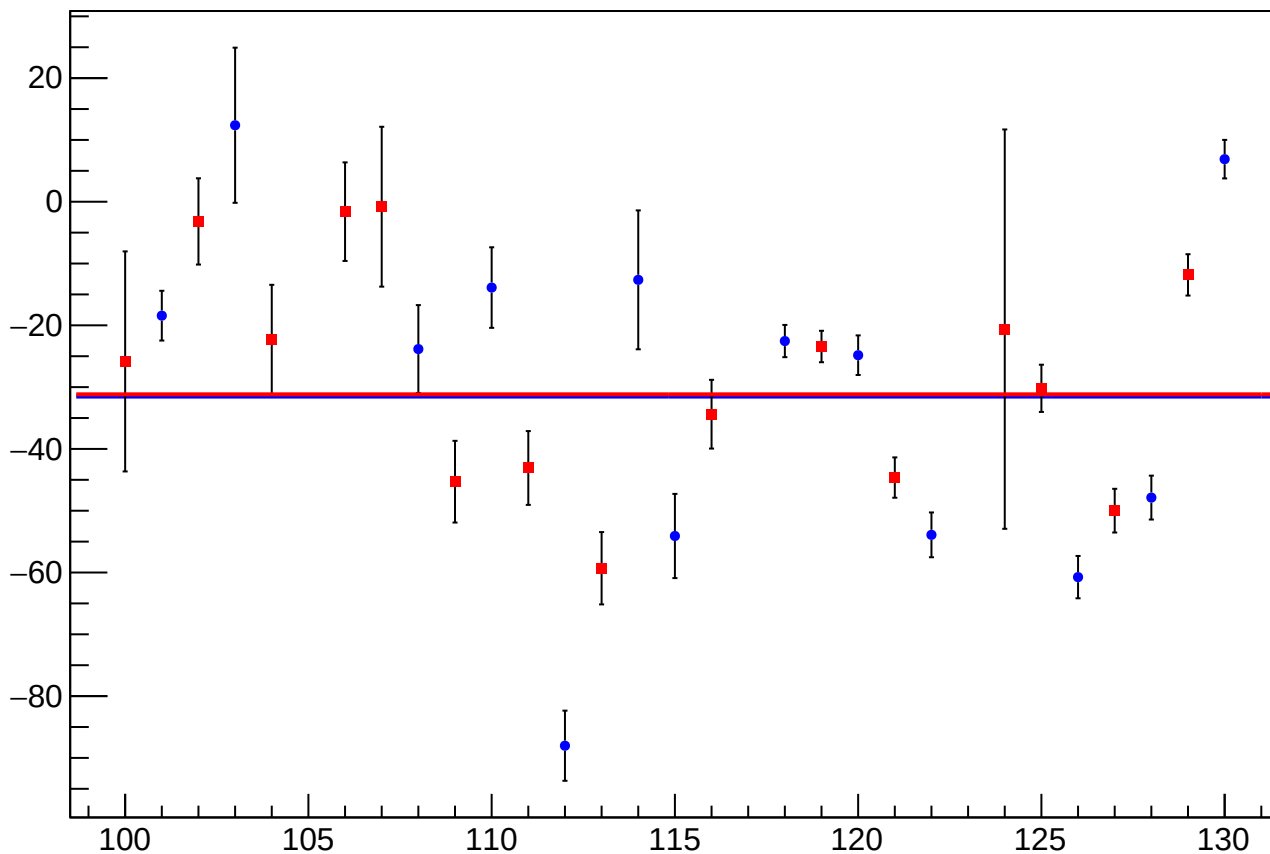
Right: 69.772+/-0.824 χ^2/NDF : 8721.2/27

In: 61.381+/-1.142 χ^2/NDF :4473.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 69.772+/-0.824 χ^2/NDF : 8721.2/27

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -31.528 $\pm$ 1.147 χ^2 /NDF: 444.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -31.167 $\pm$ 1.233 χ^2 /NDF: 156.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

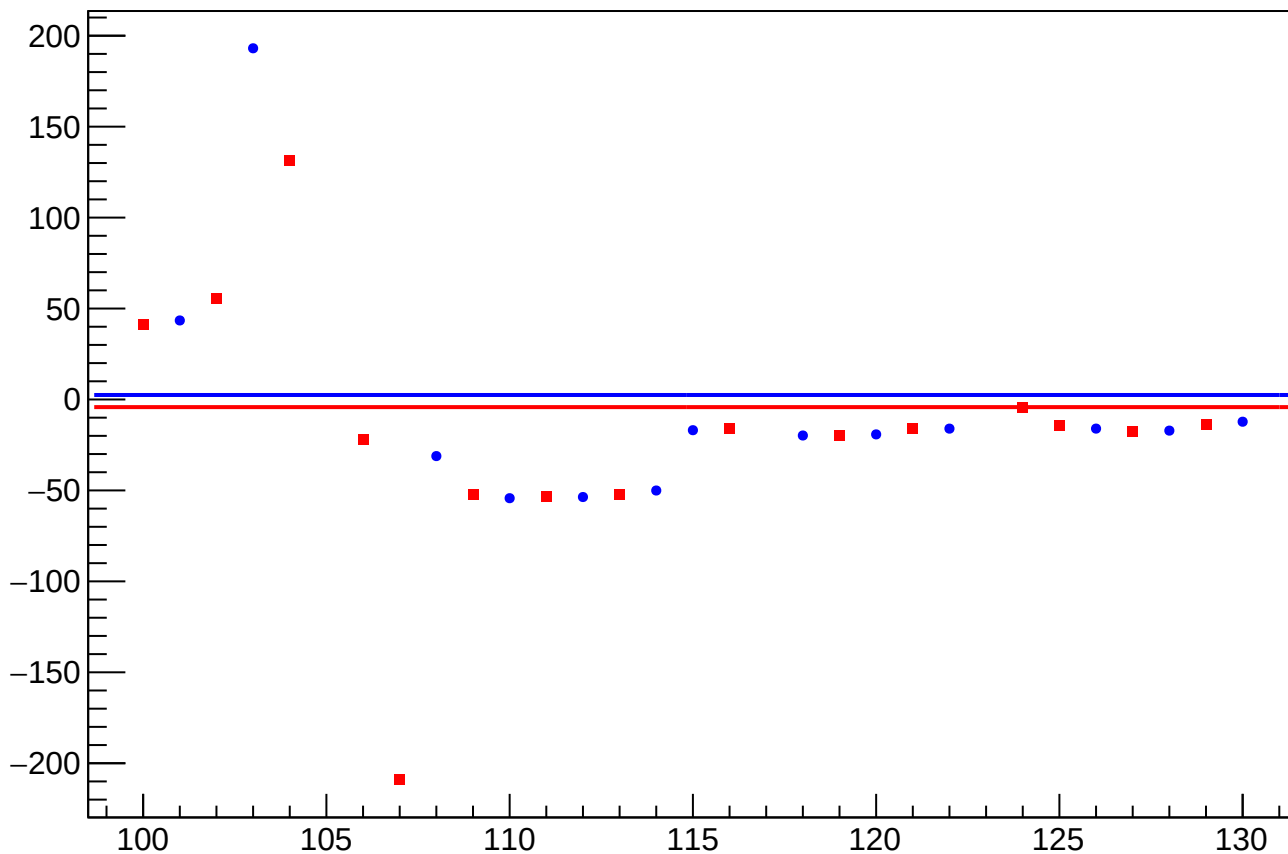
Right: -31.360 $\pm$ 0.840 χ^2 /NDF: 601.1/27

In: -31.528 $\pm$ 1.147 χ^2 /NDF:444.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -31.360 $\pm$ 0.840 χ^2 /NDF: 601.1/27

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 2.471+/-0.081 χ^2/NDF : 467987.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.197+/-0.083 χ^2/NDF : 419927.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

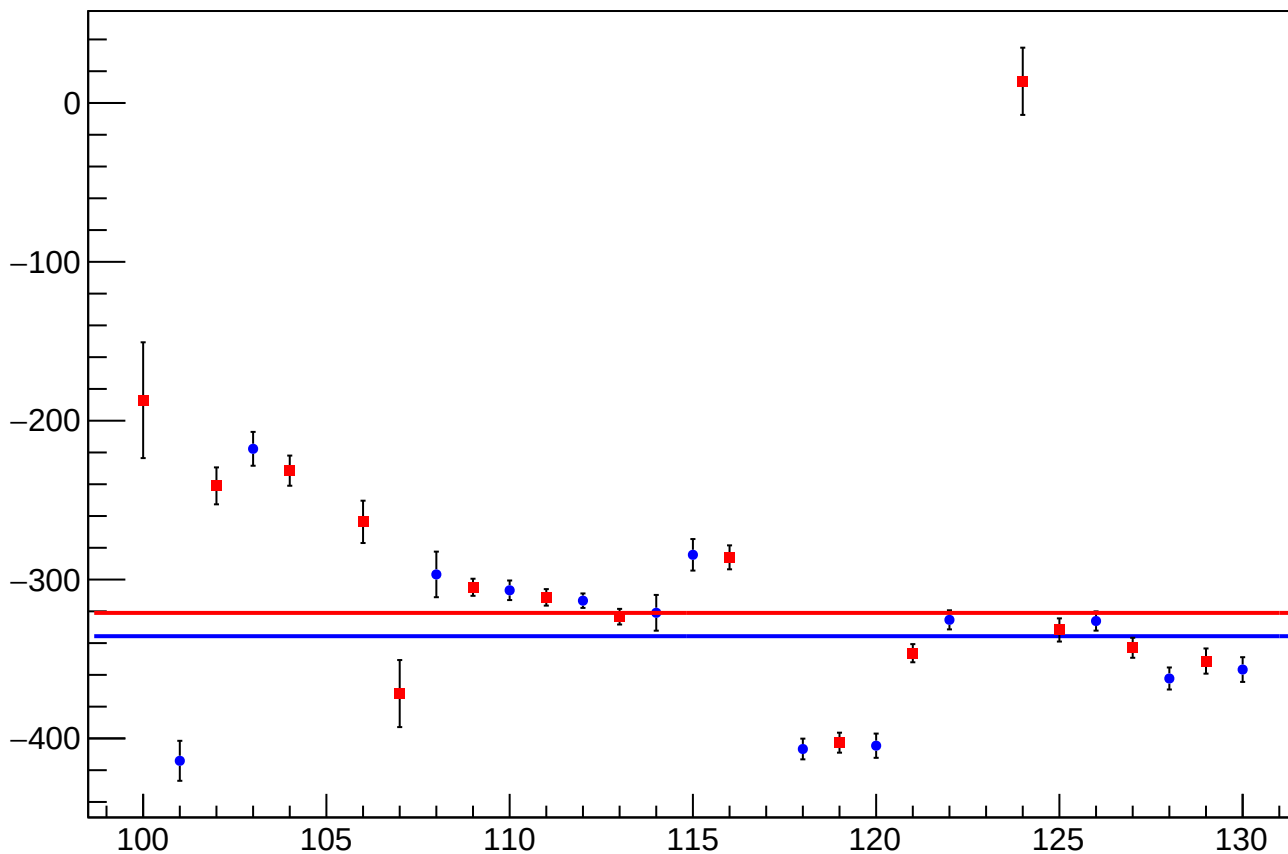
Right: -0.769+/-0.058 χ^2/NDF : 891248.8/27

In: 2.471+/-0.081 χ^2/NDF :467987.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.769+/-0.058 χ^2/NDF : 891248.8/27

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -335.649+/-2.018 χ^2/NDF : 471.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -320.990+/-1.904 χ^2/NDF : 675.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

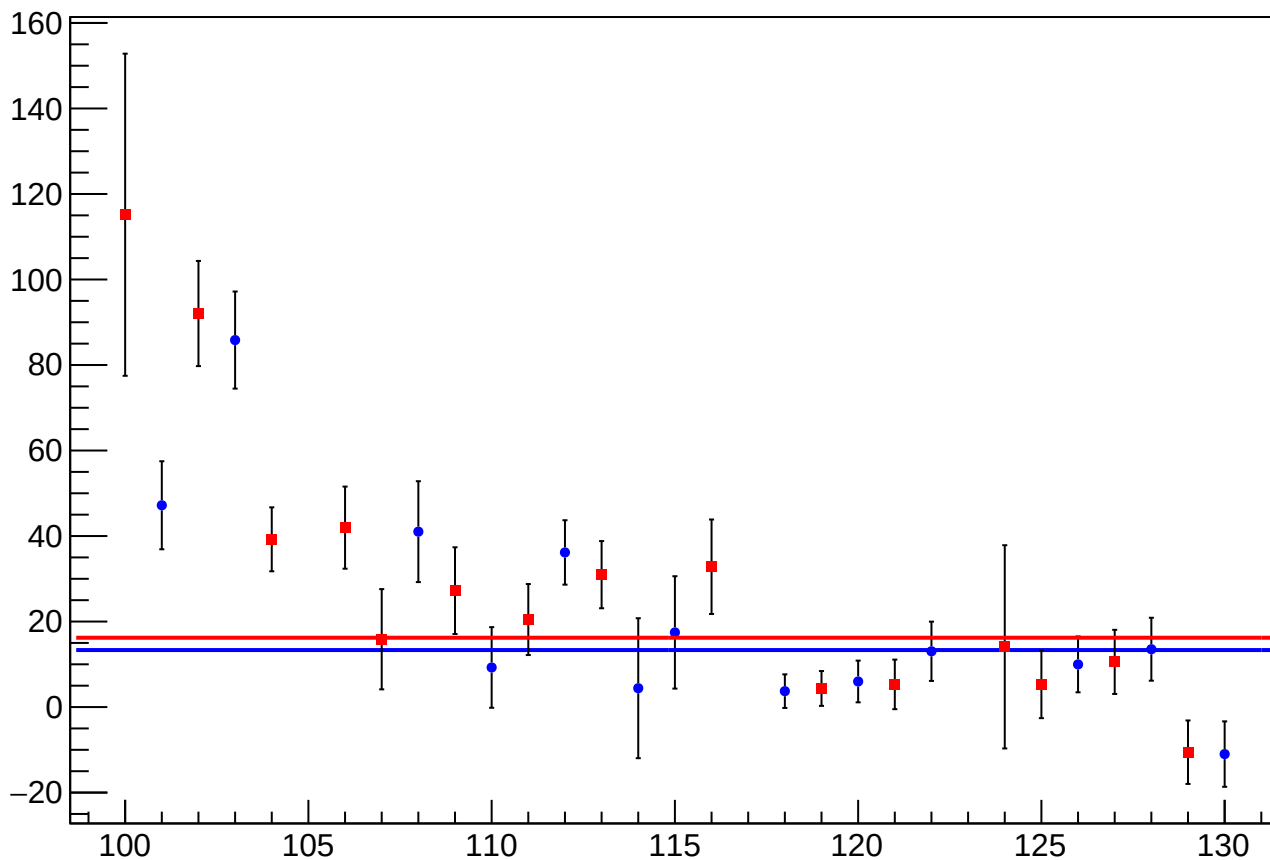
Right: -327.897+/-1.385 χ^2/NDF : 1174.8/27

In: -335.649+/-2.018 χ^2/NDF : 471.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -327.897+/-1.385 χ^2/NDF : 1174.8/27

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.334+/-2.003 χ^2/NDF : 85.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.216+/-2.060 χ^2/NDF : 96.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

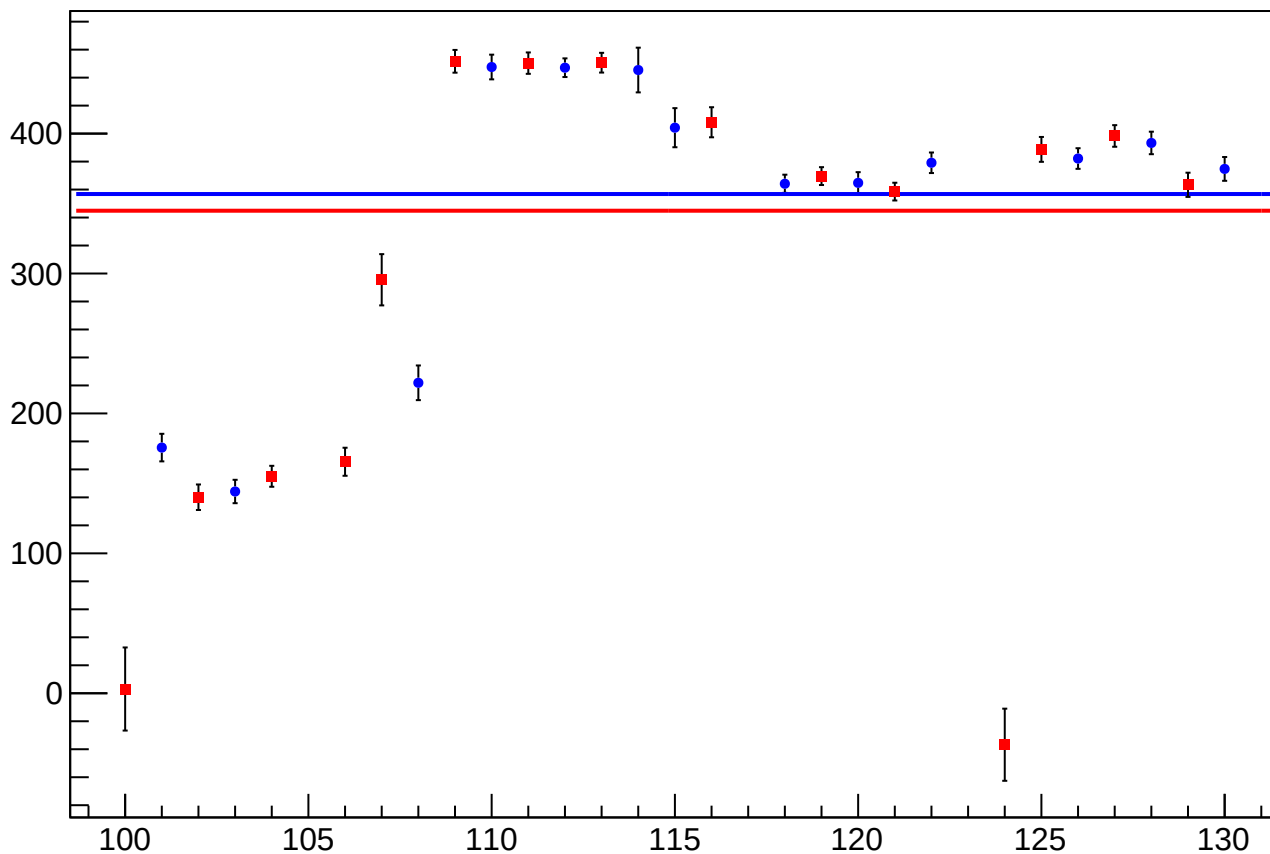
Right: 14.734+/-1.436 χ^2/NDF : 182.8/27

In: 13.334+/-2.003 χ^2/NDF : 85.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.734+/-1.436 χ^2/NDF : 182.8/27

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 356.804+/-2.341 χ^2/NDF : 1483.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 344.879+/-2.243 χ^2/NDF : 2546.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

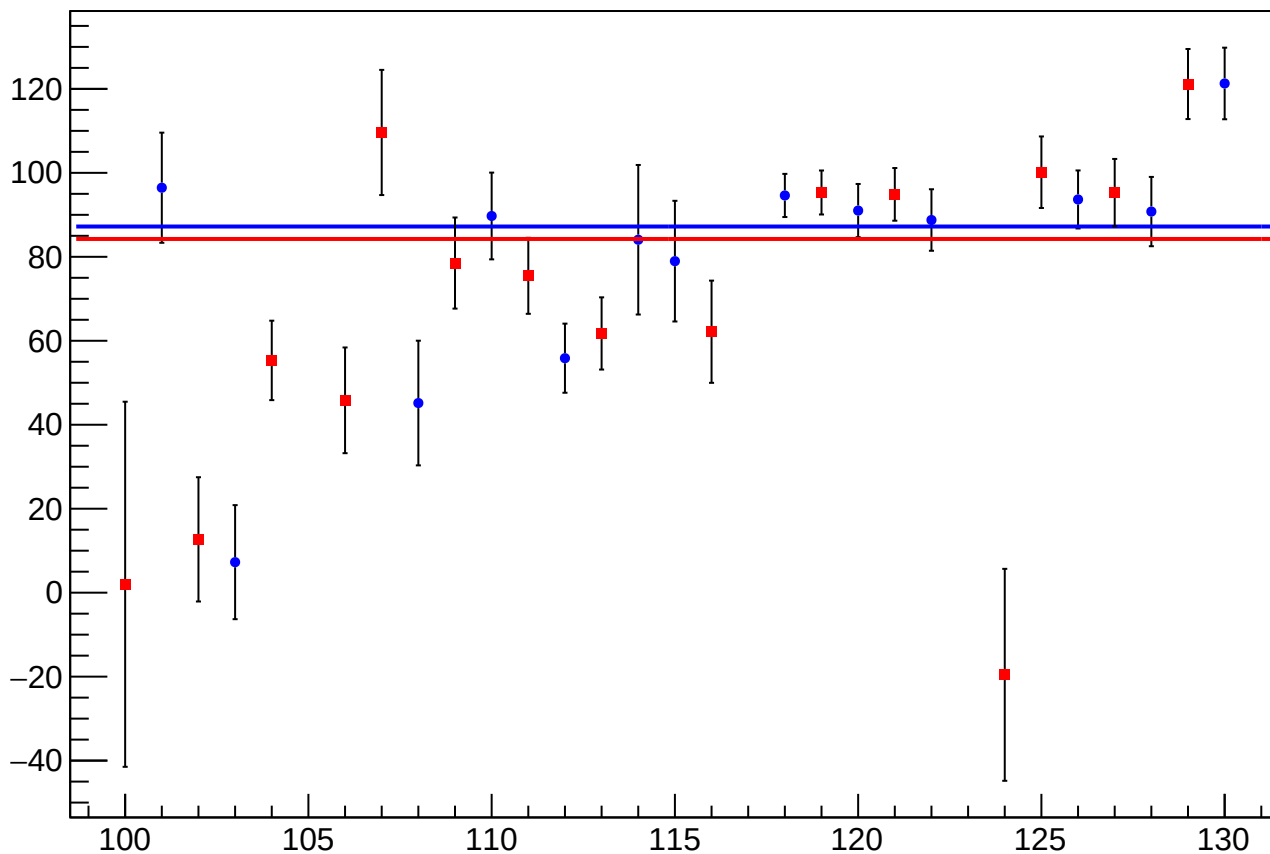
Right: 350.588+/-1.620 χ^2/NDF : 4043.5/27

In: 356.804+/-2.341 χ^2/NDF :1483.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 350.588+/-1.620 χ^2/NDF : 4043.5/27

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 87.216 $\pm$ 2.366 χ^2 /NDF: 77.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 84.249 $\pm$ 2.390 χ^2 /NDF: 109.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

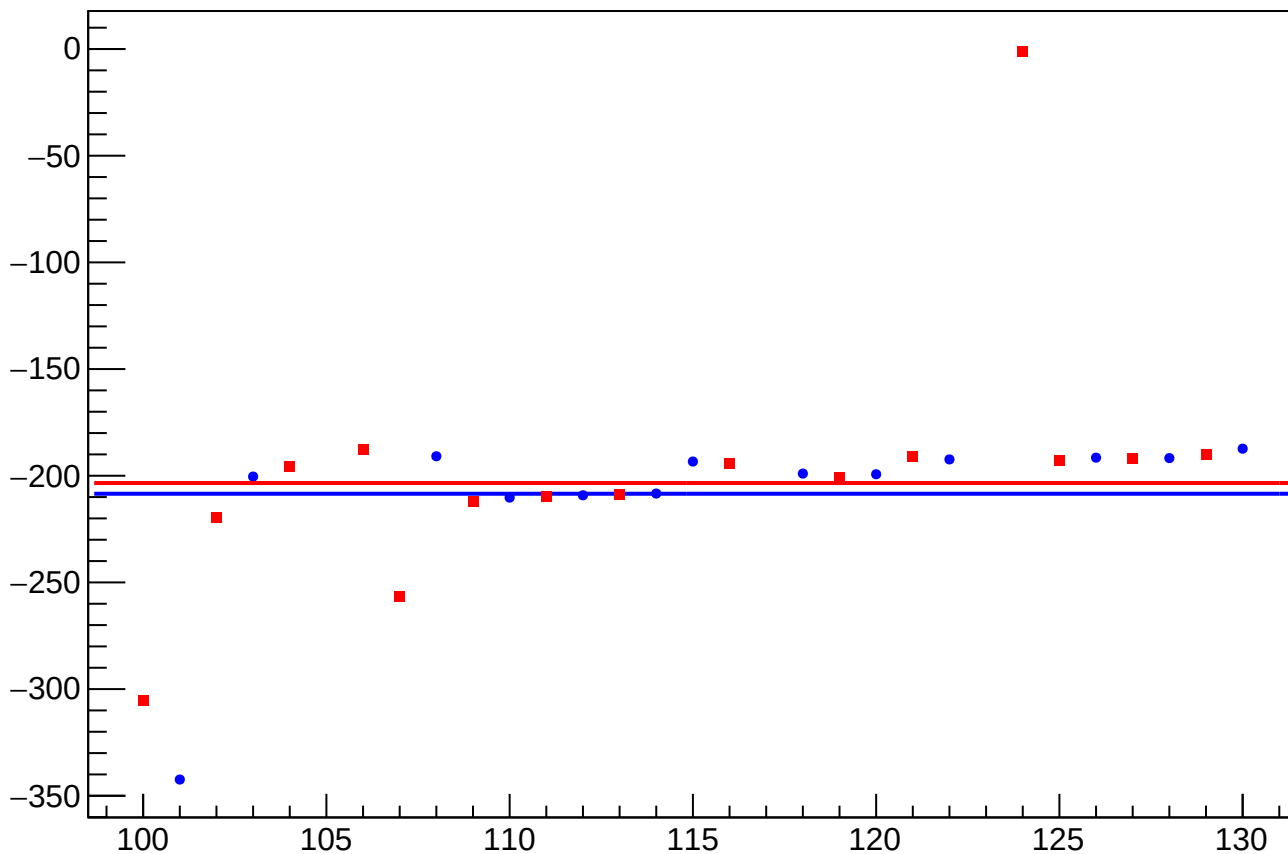
Right: 85.748 $\pm$ 1.681 χ^2 /NDF: 187.4/27

In: 87.216 $\pm$ 2.366 χ^2 /NDF: 77.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 85.748 $\pm$ 1.681 χ^2 /NDF: 187.4/27

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -208.441+/-0.160 χ^2/NDF : 57594.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -203.419+/-0.150 χ^2/NDF : 25507.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

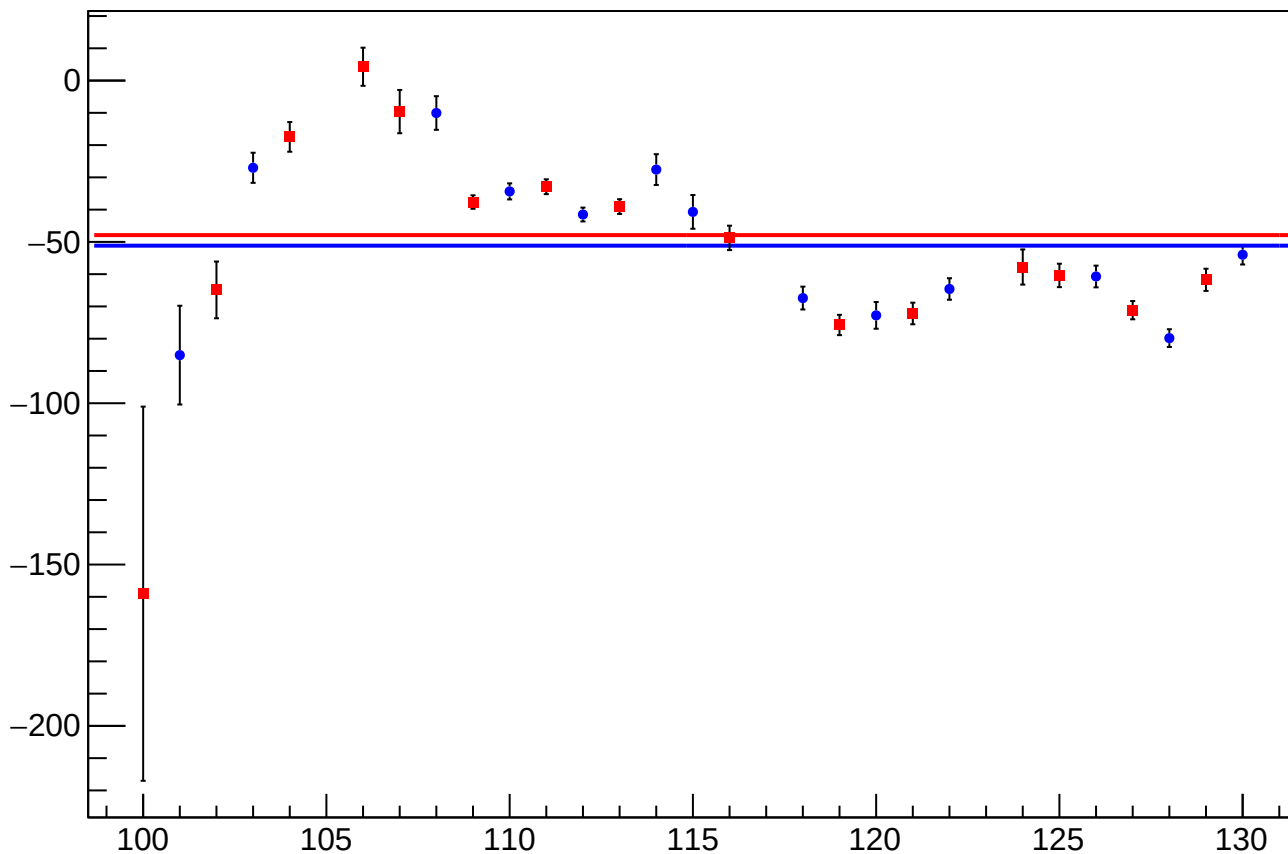
Right: -205.774+/-0.109 χ^2/NDF : 83627.2/27

In: -208.441+/-0.160 χ^2/NDF : 57594.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -205.774+/-0.109 χ^2/NDF : 83627.2/27

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -51.166+/-0.952 χ^2/NDF : 370.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -47.894+/-0.877 χ^2/NDF : 473.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

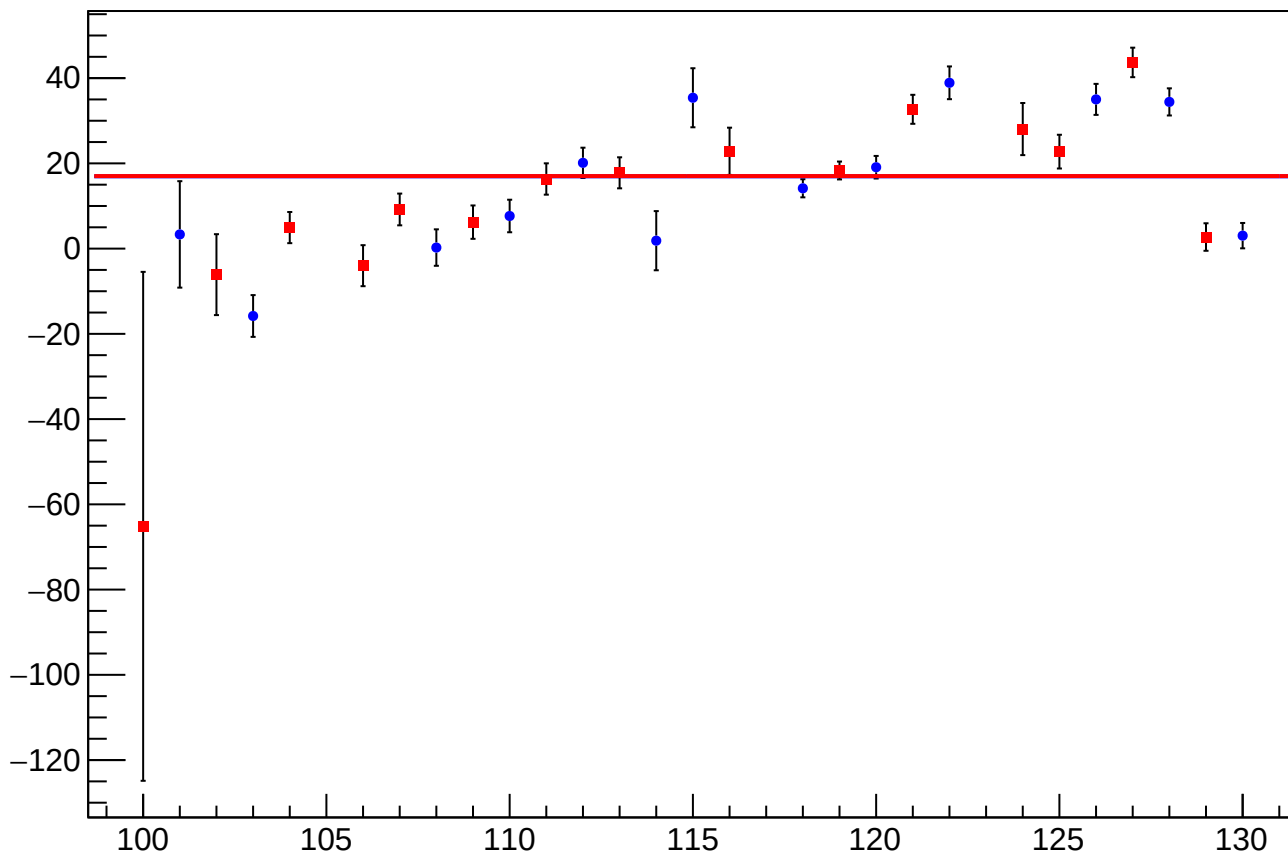
Right: -49.396+/-0.645 χ^2/NDF : 849.9/27

In: -51.166+/-0.952 χ^2/NDF : 370.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -49.396+/-0.645 χ^2/NDF : 849.9/27

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.960 $\pm$ 0.994 χ^2 /NDF: 191.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.017 $\pm$ 0.984 χ^2 /NDF: 157.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

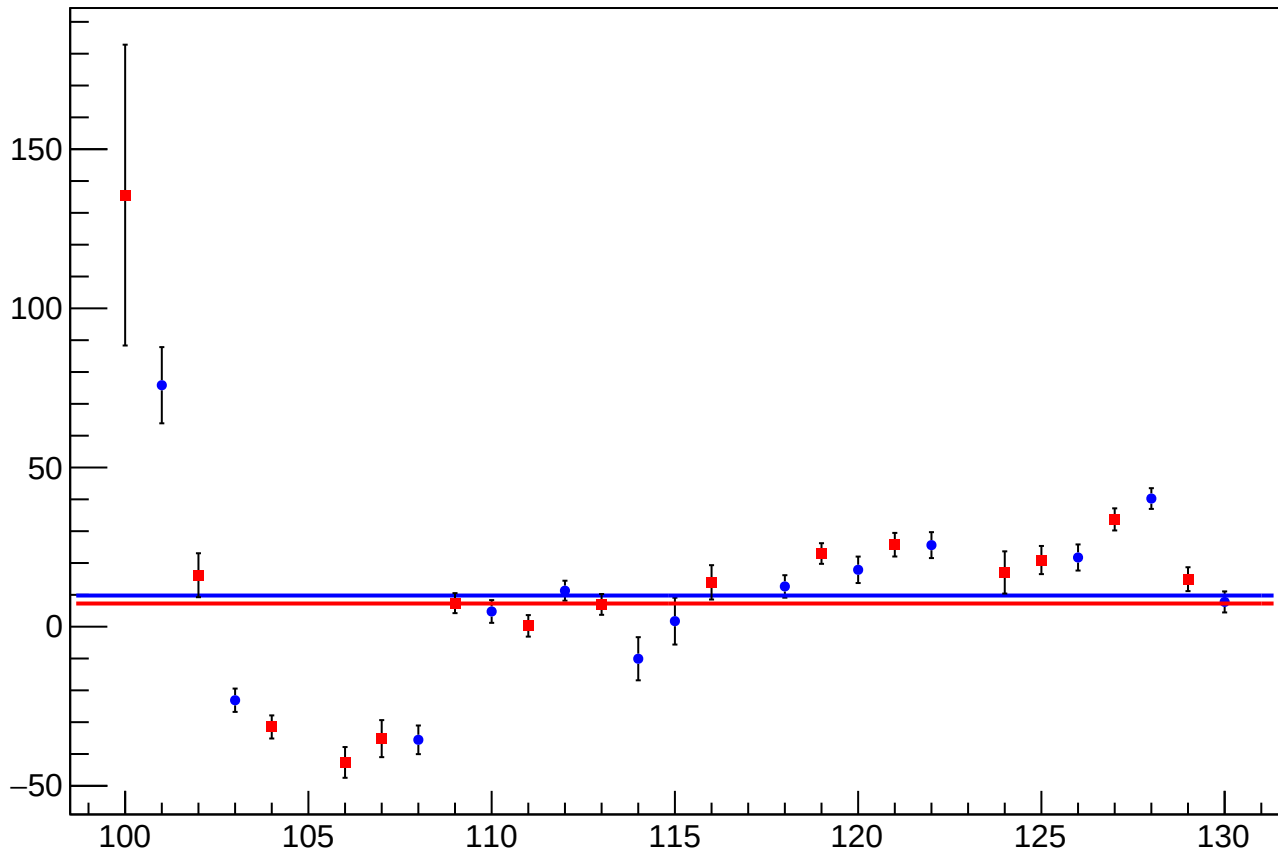
Right: 16.989 $\pm$ 0.699 χ^2 /NDF: 348.3/27

In: 16.960 $\pm$ 0.994 χ^2 /NDF: 191.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.989 $\pm$ 0.699 χ^2 /NDF: 348.3/27

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 9.786+/-1.122 χ^2/NDF : 340.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.276+/-1.064 χ^2/NDF : 411.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

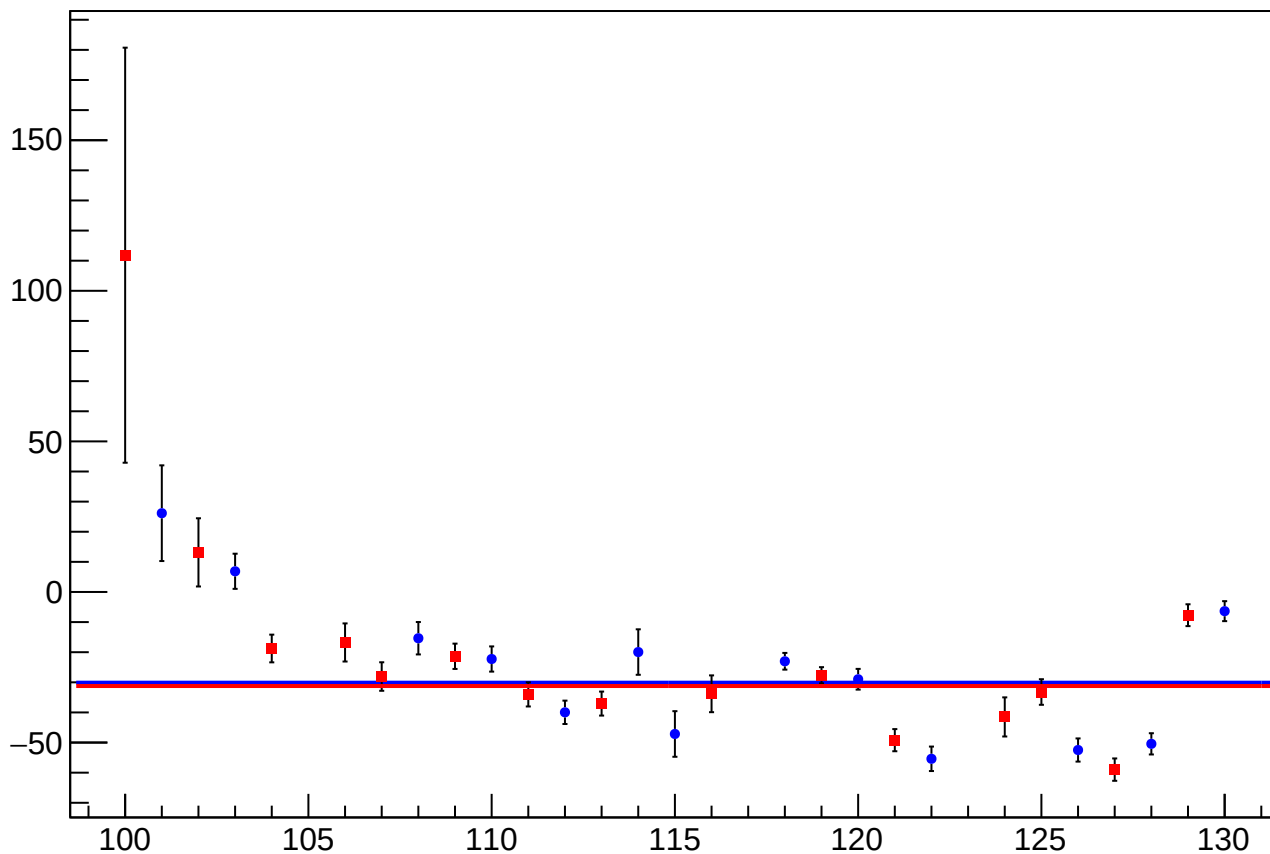
Right: 8.466+/-0.772 χ^2/NDF : 754.2/27

In: 9.786+/-1.122 χ^2/NDF : 340.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.466+/-0.772 χ^2/NDF : 754.2/27

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -30.118+/-1.162 χ^2/NDF : 240.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.230+/-1.137 χ^2/NDF : 167.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

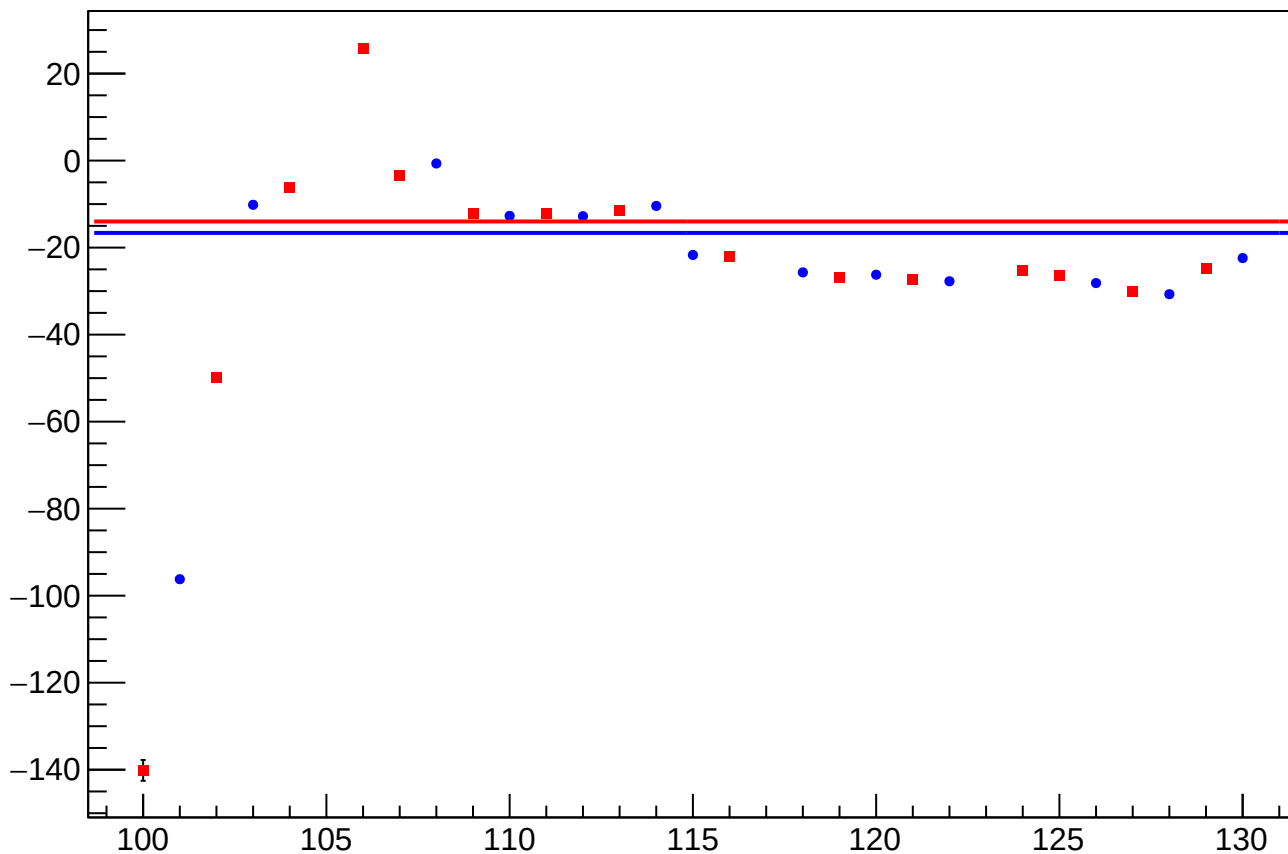
Right: -30.687+/-0.813 χ^2/NDF : 408.5/27

In: -30.118+/-1.162 χ^2/NDF : 240.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.687+/-0.813 χ^2/NDF : 408.5/27

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.623+/-0.075 χ^2/NDF : 30363.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -13.994+/-0.071 χ^2/NDF : 61812.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

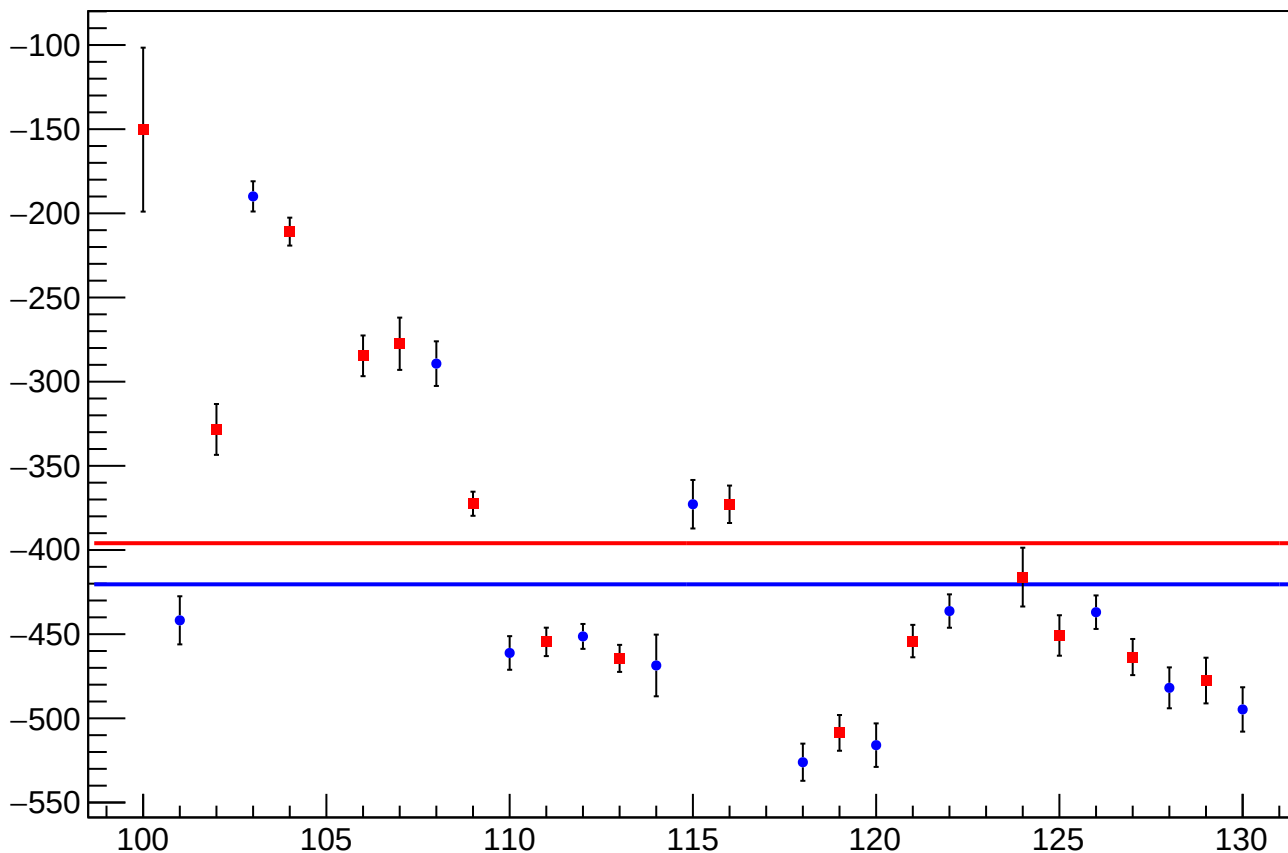
Right: -15.243+/-0.051 χ^2/NDF : 92827.4/27

In: -16.623+/-0.075 χ^2/NDF :30363.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -15.243+/-0.051 χ^2/NDF : 92827.4/27

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -420.391+/-3.071 χ^2/NDF : 1020.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -395.959+/-2.758 χ^2/NDF : 1069.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

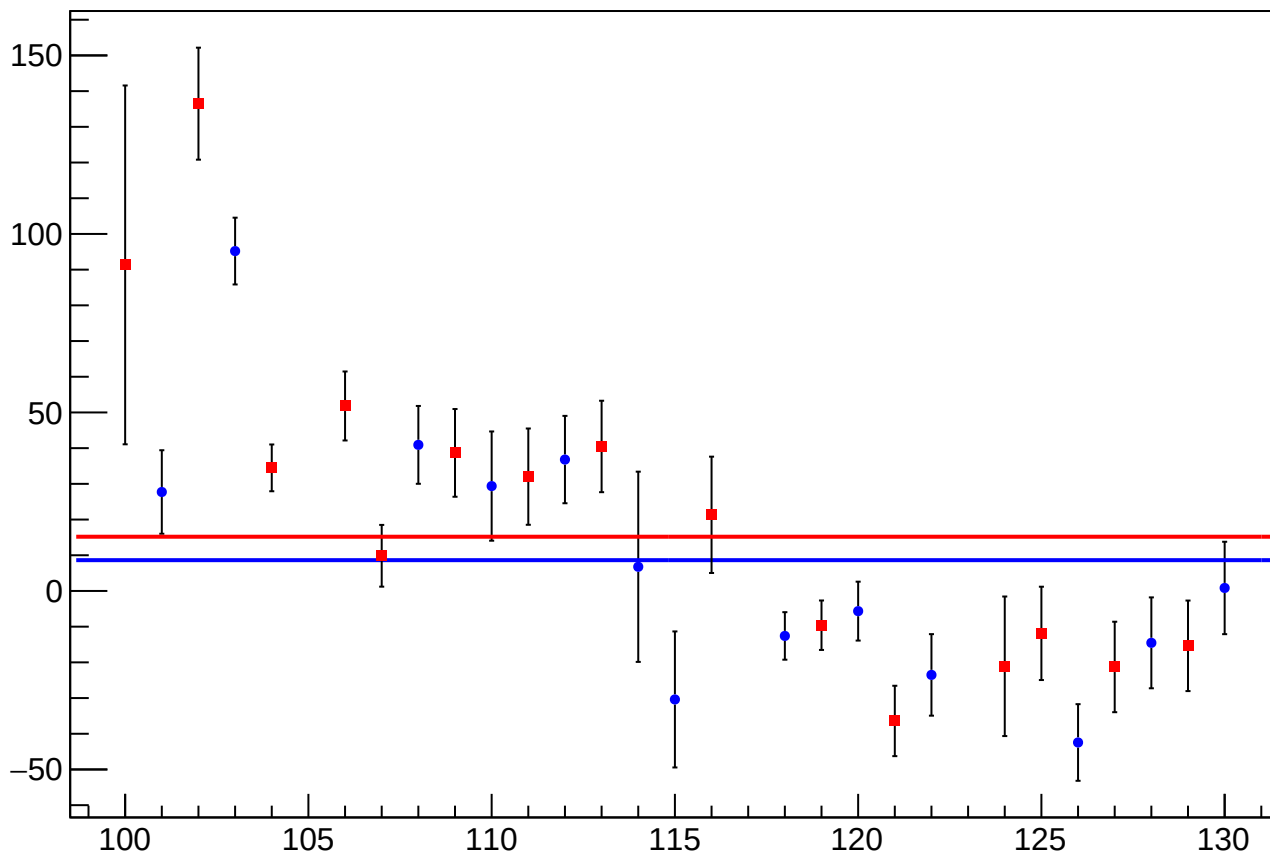
Right: -406.870+/-2.052 χ^2/NDF : 2124.2/27

In: -420.391+/-3.071 χ^2/NDF : 1020.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -406.870+/-2.052 χ^2/NDF : 2124.2/27

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.625+/-3.042 χ^2/NDF : 155.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.191+/-2.818 χ^2/NDF : 156.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

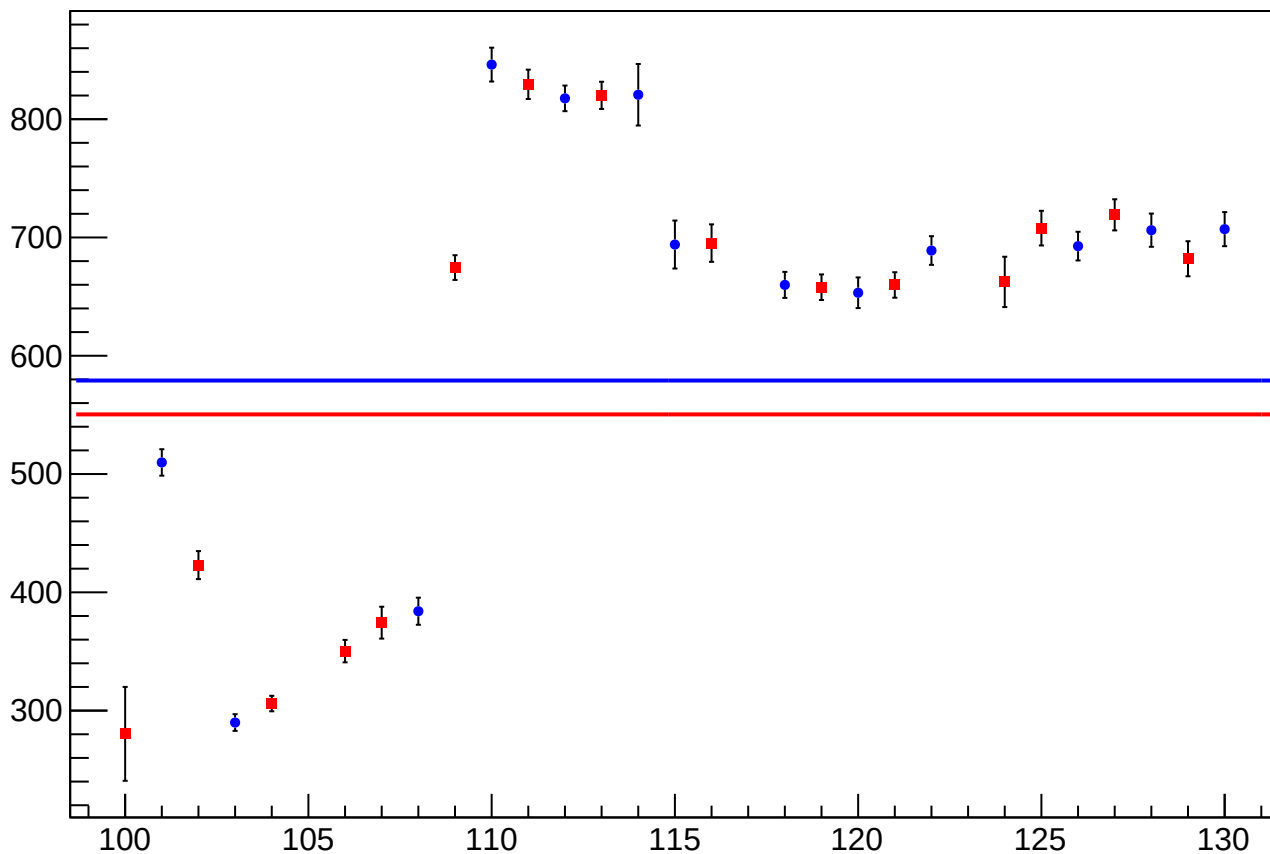
Right: 12.159+/-2.068 χ^2/NDF : 315.2/27

In: 8.625+/-3.042 χ^2/NDF : 155.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.159+/-2.068 χ^2/NDF : 315.2/27

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 579.058+/-3.319 χ^2/NDF : 3381.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 550.421+/-3.024 χ^2/NDF : 4043.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

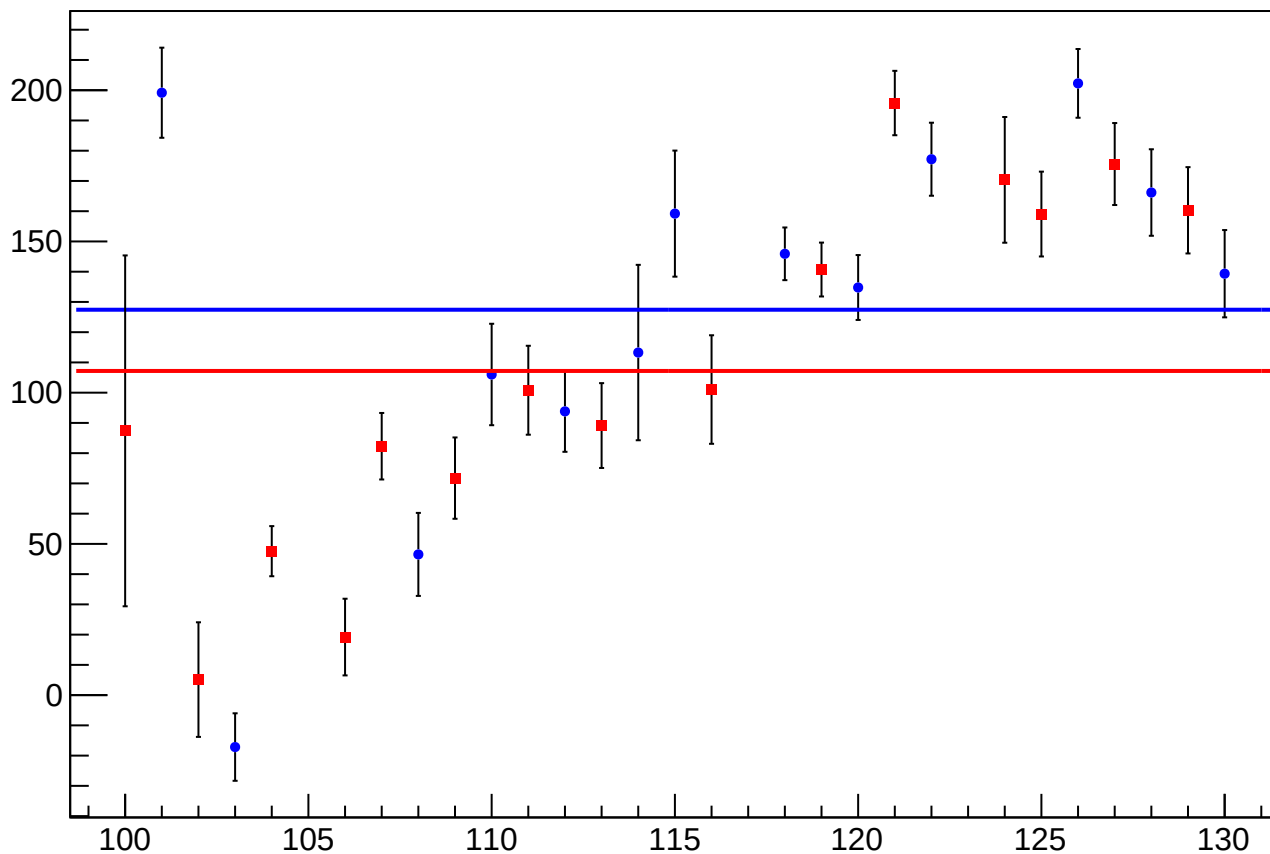
Right: 563.413+/-2.235 χ^2/NDF : 7465.7/27

In: 579.058+/-3.319 χ^2/NDF : 3381.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 563.413+/-2.235 χ^2/NDF : 7465.7/27

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 127.424+/-3.612 χ^2/NDF : 309.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.180+/-3.339 χ^2/NDF : 288.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

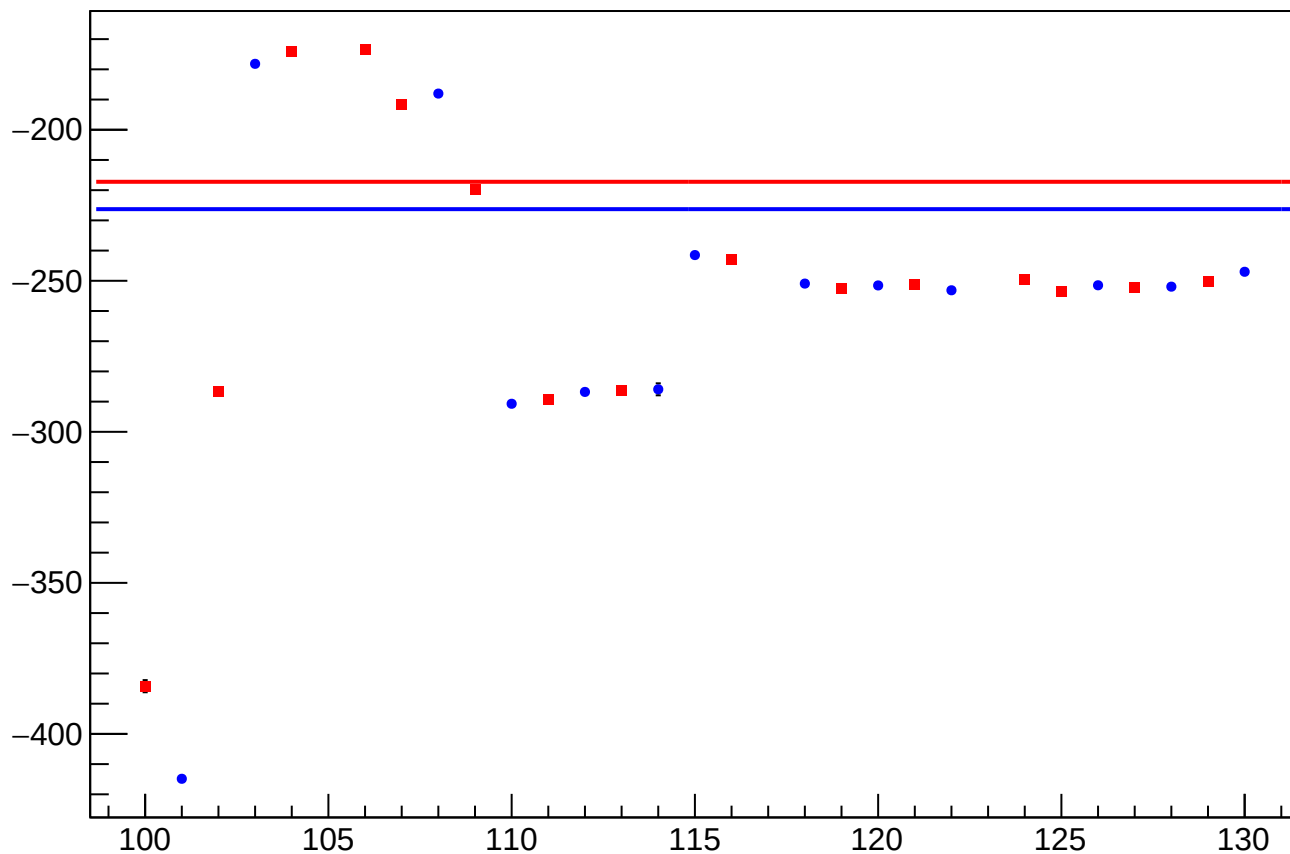
Right: 116.510+/-2.452 χ^2/NDF : 615.4/27

In: 127.424+/-3.612 χ^2/NDF : 309.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.510+/-2.452 χ^2/NDF : 615.4/27

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -226.284 $\pm$ 0.192 χ^2 /NDF: 125913.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -217.225 $\pm$ 0.178 χ^2 /NDF: 71646.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

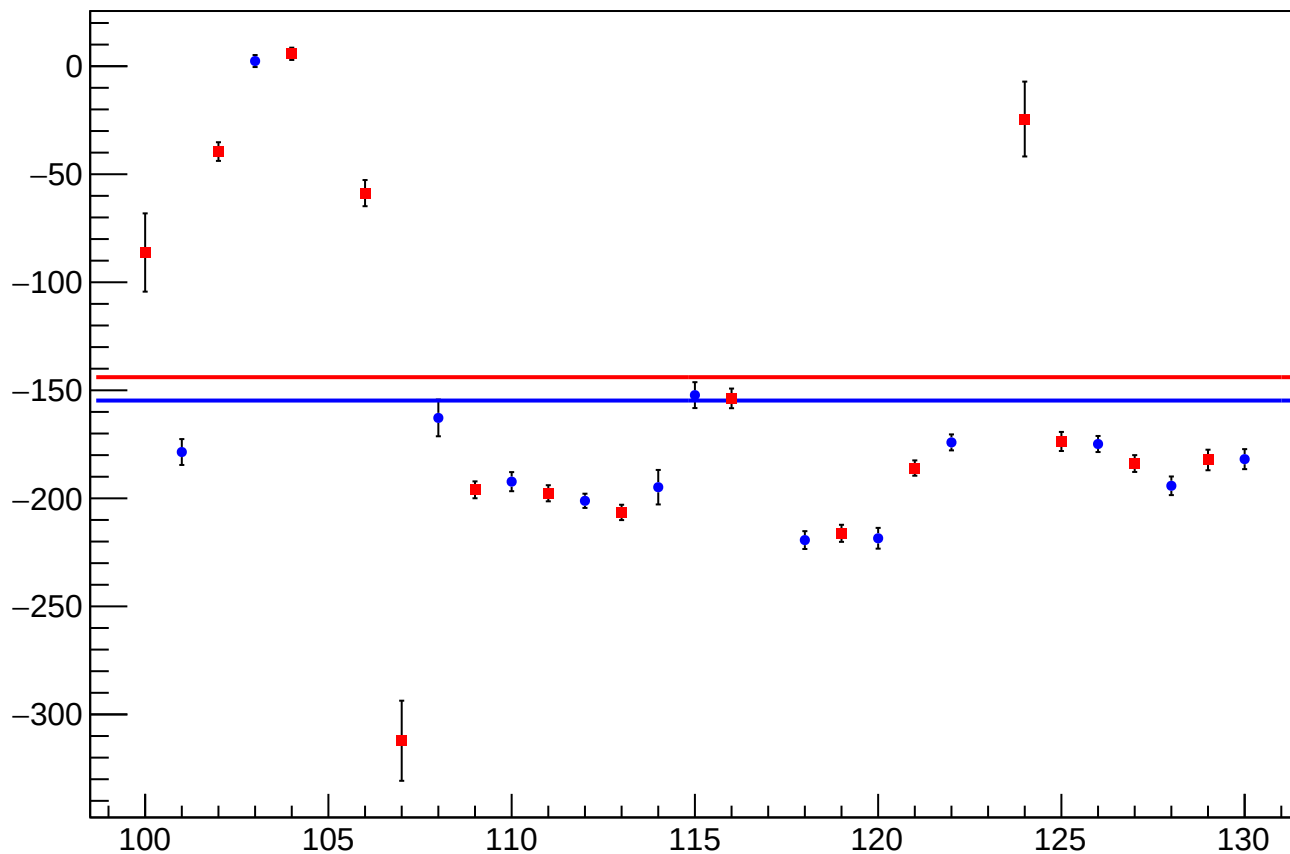
Right: -221.420 $\pm$ 0.131 χ^2 /NDF: 198755.0/27

In: -226.284 $\pm$ 0.192 χ^2 /NDF:125913.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -221.420 $\pm$ 0.131 χ^2 /NDF: 198755.0/27

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -154.737+/-1.190 χ^2/NDF : 4103.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -143.923+/-1.129 χ^2/NDF : 5092.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

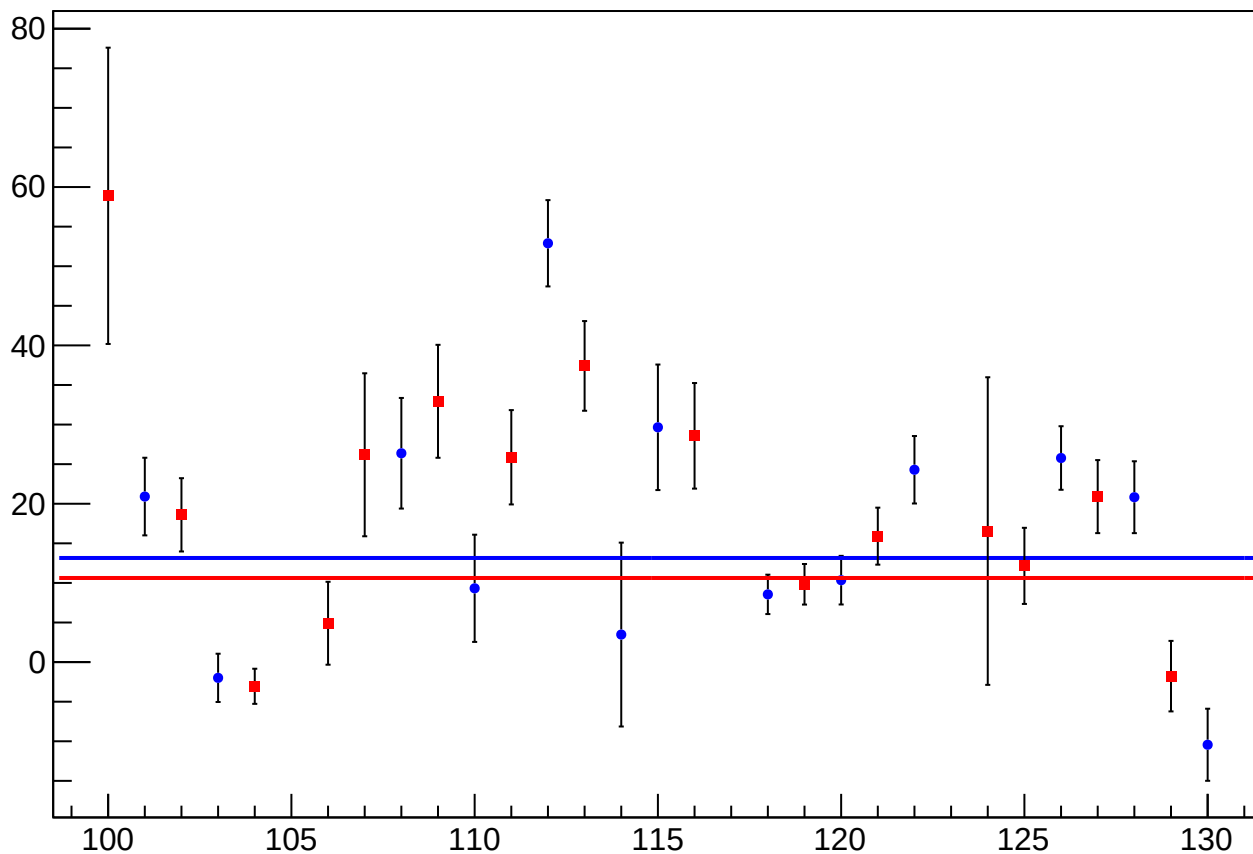
Right: -149.045+/-0.819 χ^2/NDF : 9239.7/27

In: -154.737+/-1.190 χ^2/NDF :4103.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -149.045+/-0.819 χ^2/NDF : 9239.7/27

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.151+/-1.170 χ^2/NDF : 140.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.624+/-1.137 χ^2/NDF : 112.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

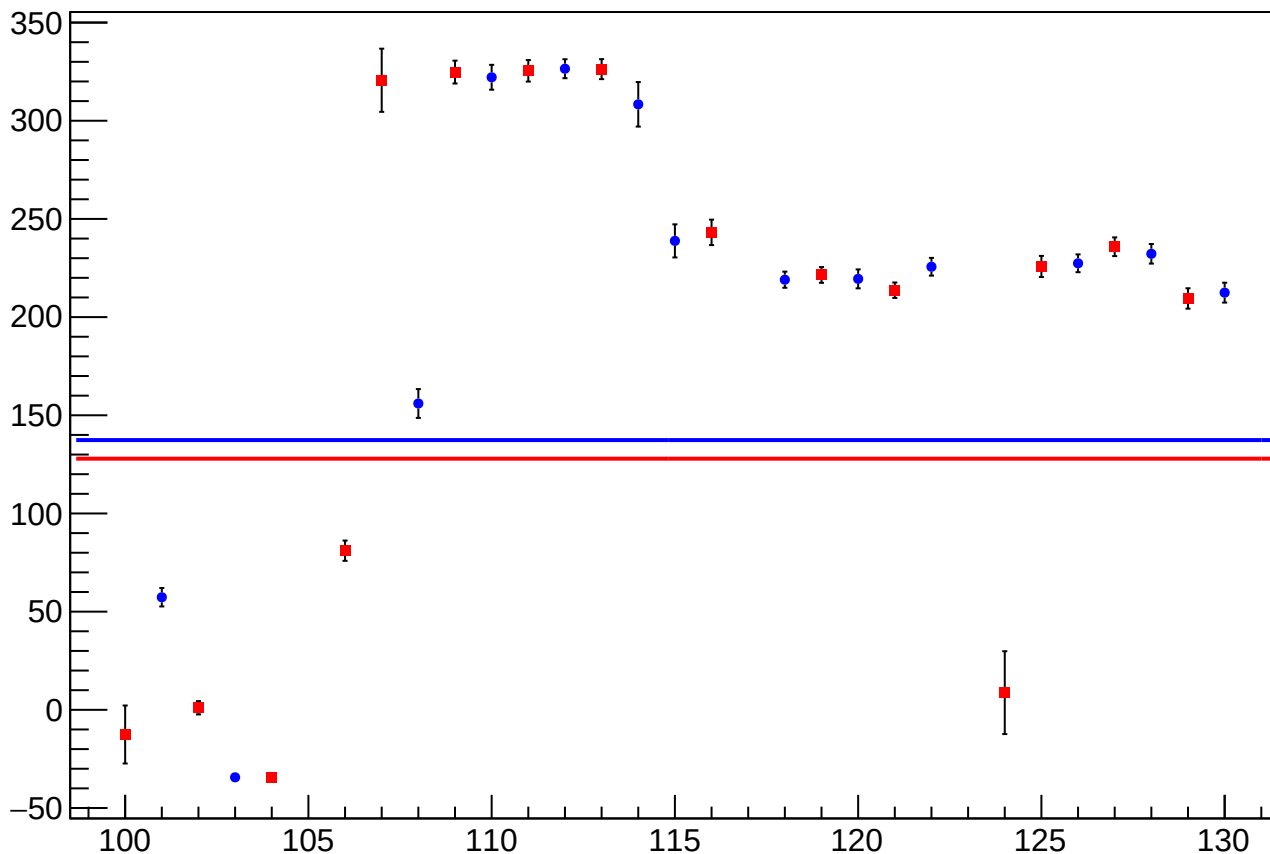
Right: 11.851+/-0.816 χ^2/NDF : 254.7/27

In: 13.151+/-1.170 χ^2/NDF : 140.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.851+/-0.816 χ^2/NDF : 254.7/27

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 137.373+/-1.248 χ^2/NDF : 11285.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.908+/-1.193 χ^2/NDF : 13393.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

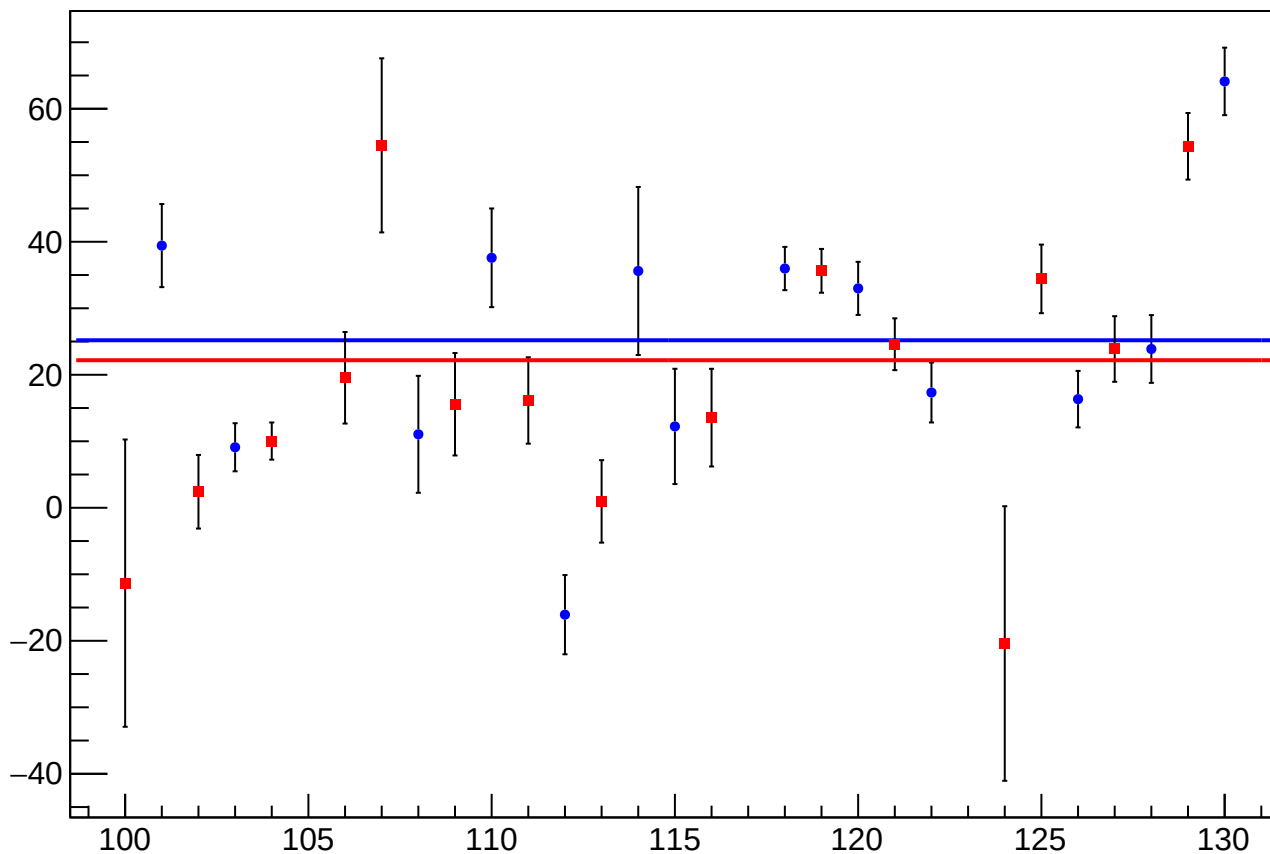
Right: 132.430+/-0.862 χ^2/NDF : 24709.2/27

In: 137.373+/-1.248 χ^2/NDF : 11285.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.430+/-0.862 χ^2/NDF : 24709.2/27

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 25.189+/-1.386 χ^2/NDF : 162.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.189+/-1.344 χ^2/NDF : 123.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

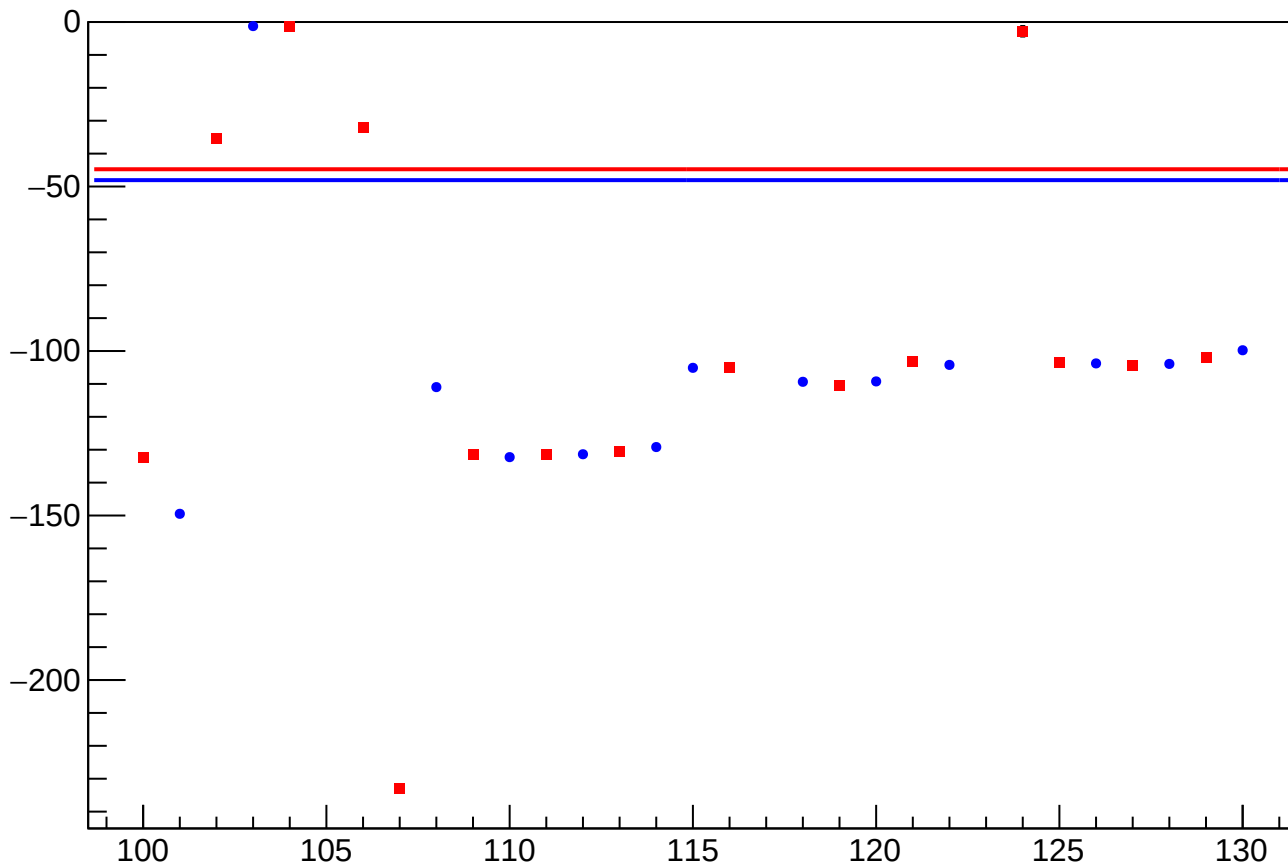
Right: 23.642+/-0.965 χ^2/NDF : 288.1/27

In: 25.189+/-1.386 χ^2/NDF : 162.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.642+/-0.965 χ^2/NDF : 288.1/27

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -48.062 $\pm$ 0.070 χ^2 /NDF: 680734.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -44.753 $\pm$ 0.067 χ^2 /NDF: 557115.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

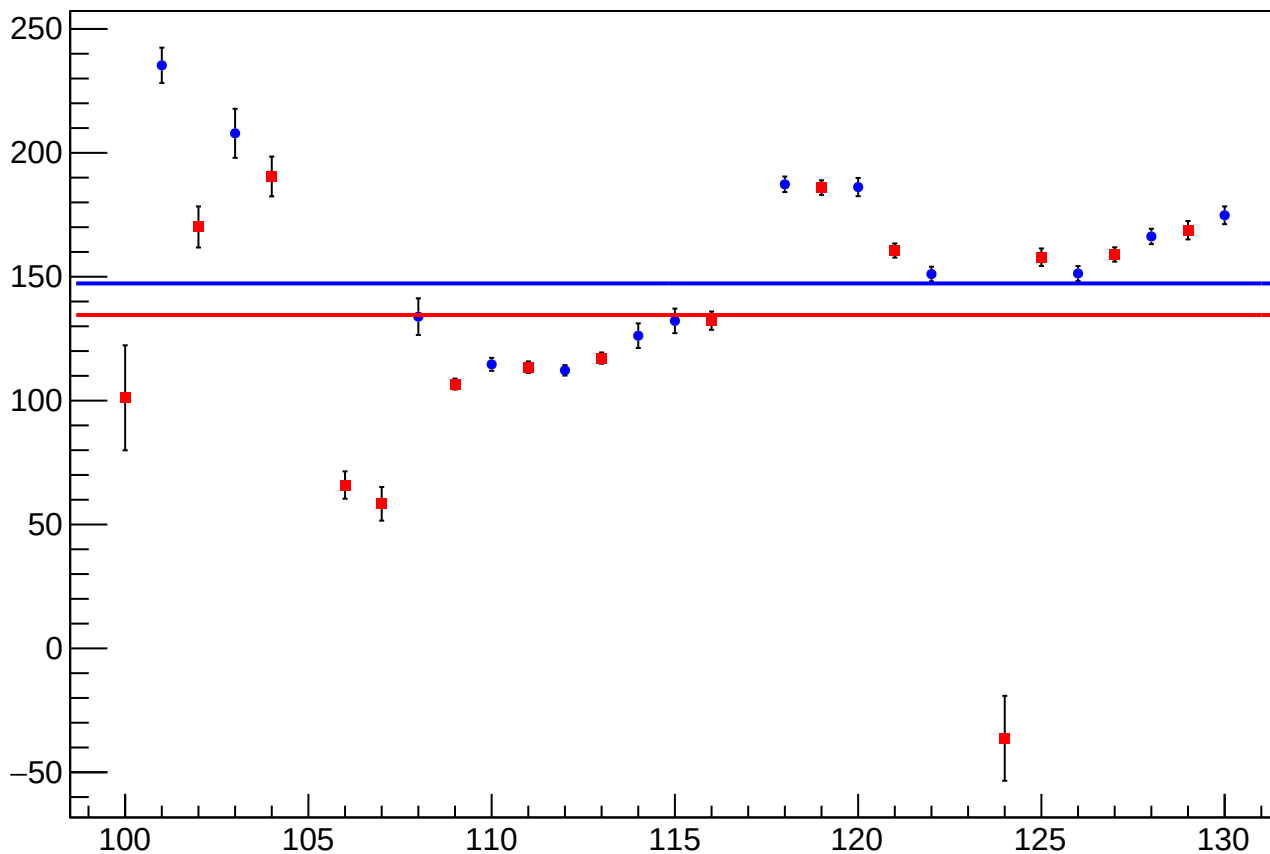
Right: -46.328 $\pm$ 0.048 χ^2 /NDF: 1239025.1/27

In: -48.062 $\pm$ 0.070 χ^2 /NDF:680734.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -46.328 $\pm$ 0.048 χ^2 /NDF: 1239025.1/27

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 147.295 $\pm$ 0.961 χ^2 /NDF: 1027.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 134.554 $\pm$ 0.893 χ^2 /NDF: 1333.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

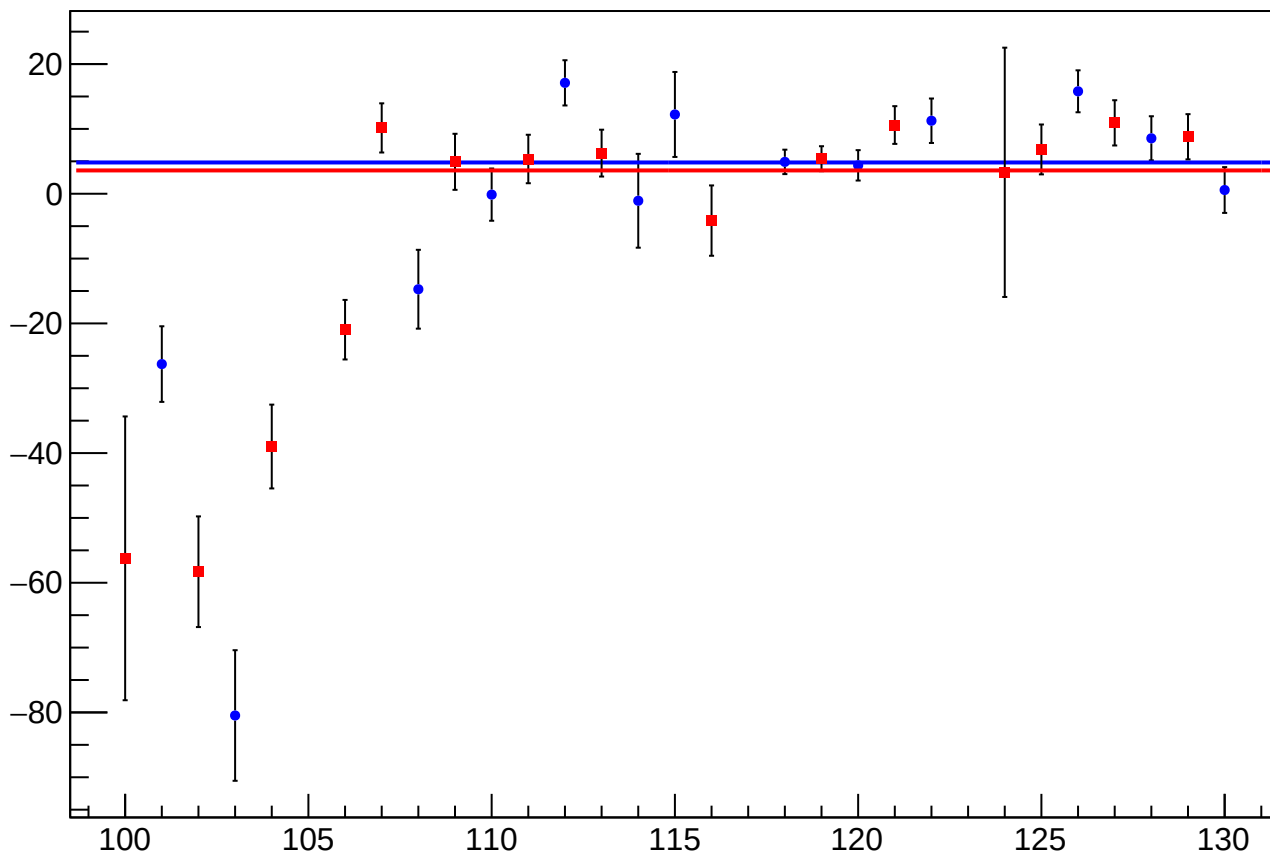
Right: 140.455 $\pm$ 0.654 χ^2 /NDF: 2454.8/27

In: 147.295 $\pm$ 0.961 χ^2 /NDF:1027.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 140.455 $\pm$ 0.654 χ^2 /NDF: 2454.8/27

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.825+/-0.970 χ^2/NDF : 144.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.596+/-0.992 χ^2/NDF : 152.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

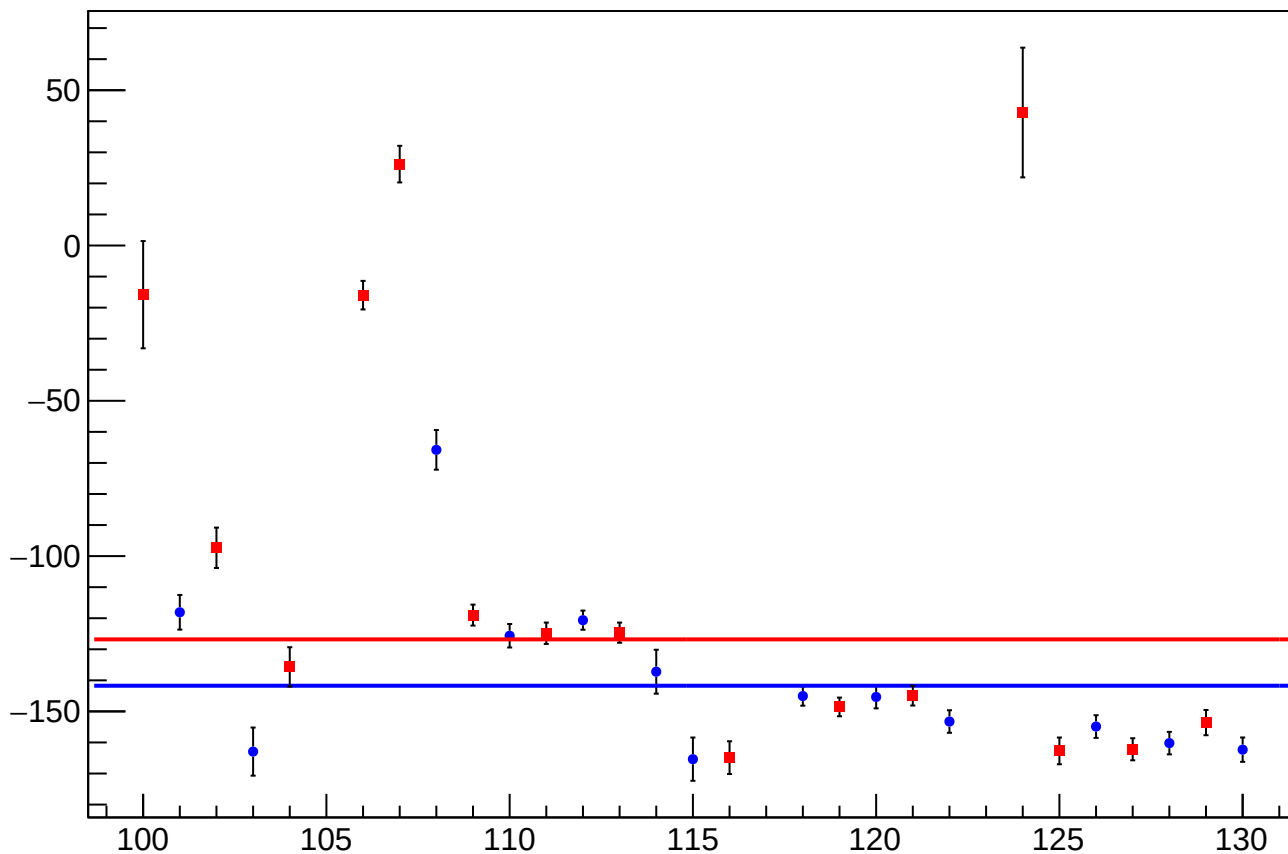
Right: 4.225+/-0.694 χ^2/NDF : 296.9/27

In: 4.825+/-0.970 χ^2/NDF : 144.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.225+/-0.694 χ^2/NDF : 296.9/27

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -141.735+/-1.148 χ^2/NDF : 322.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -126.811+/-1.093 χ^2/NDF : 1740.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

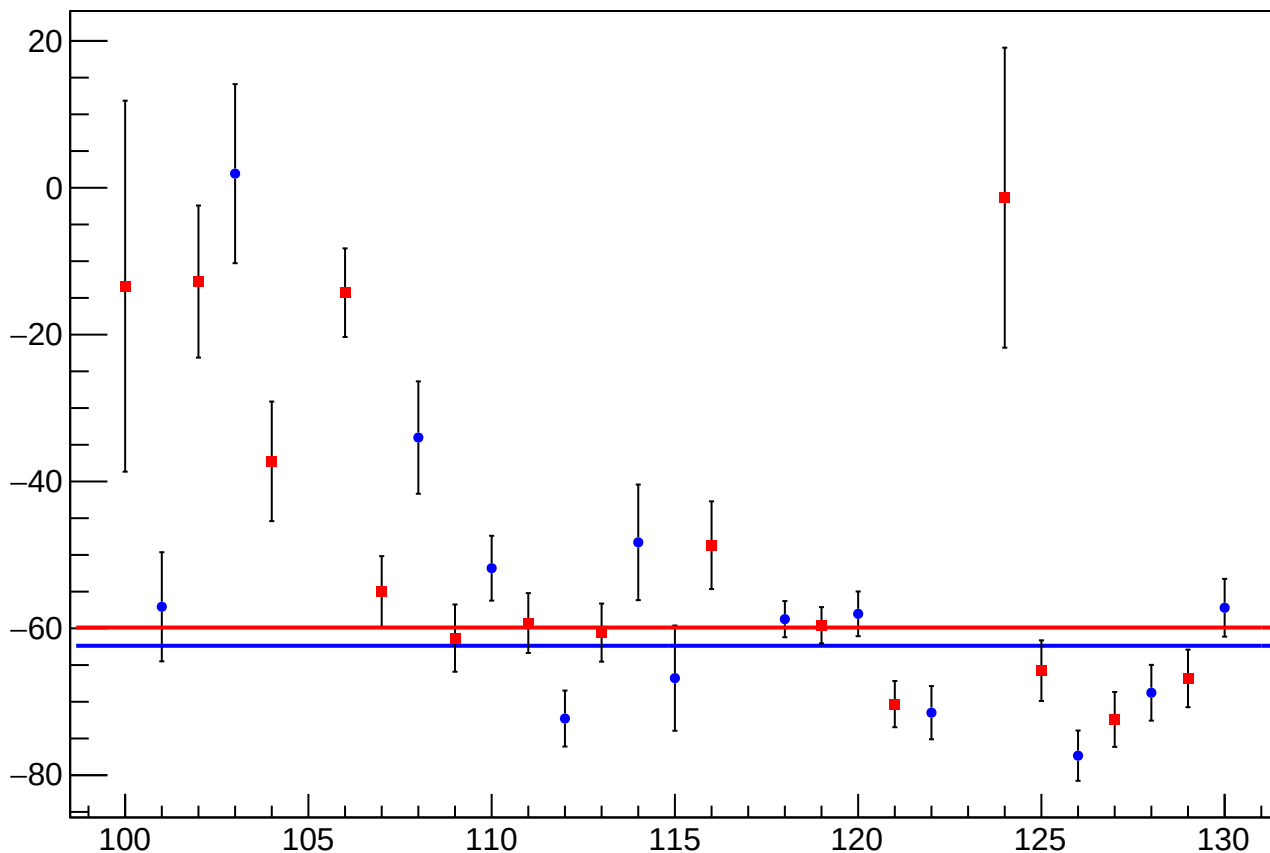
Right: -133.904+/-0.792 χ^2/NDF : 2151.2/27

In: -141.735+/-1.148 χ^2/NDF : 322.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -133.904+/-0.792 χ^2/NDF : 2151.2/27

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -62.374+/-1.143 χ^2/NDF : 92.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -59.888+/-1.148 χ^2/NDF : 129.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

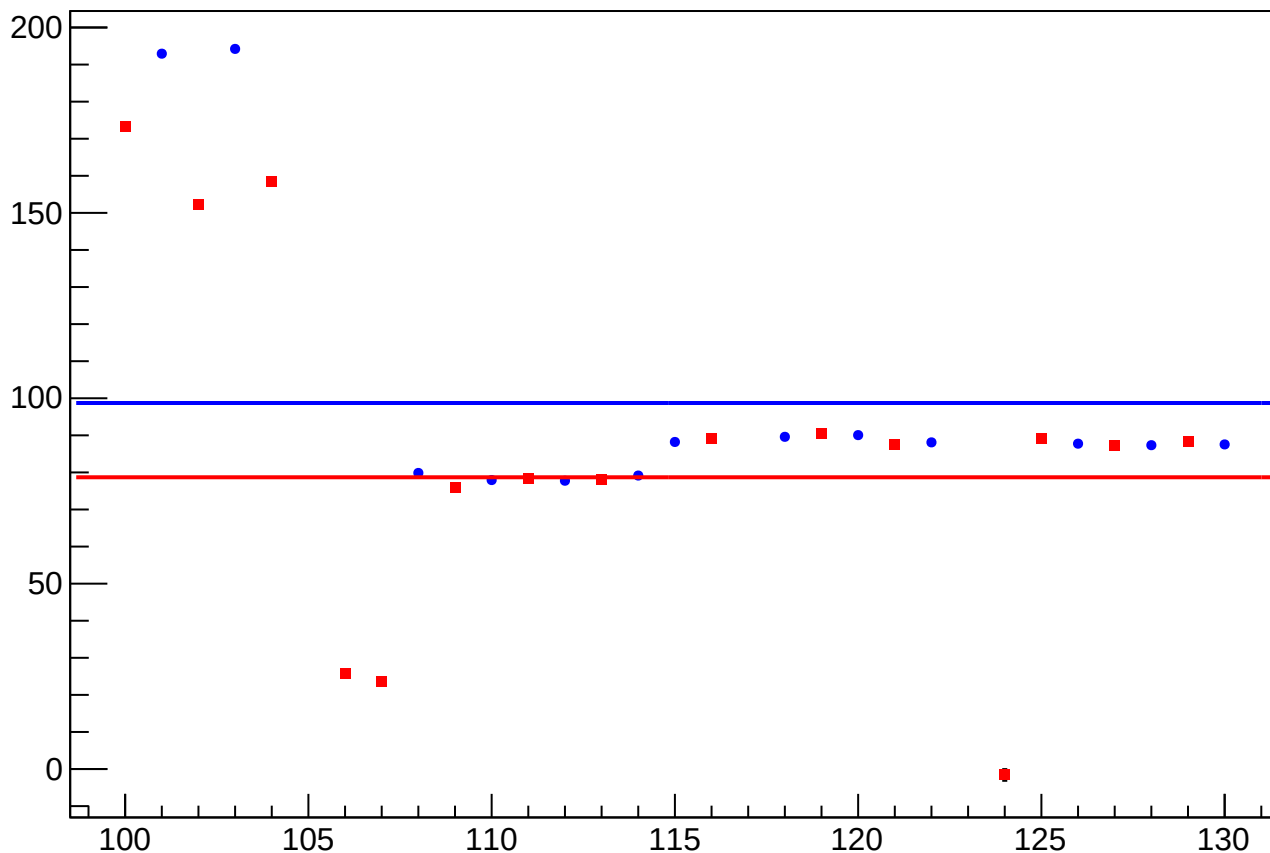
Right: -61.137+/-0.810 χ^2/NDF : 223.9/27

In: -62.374+/-1.143 χ^2/NDF :92.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -61.137+/-0.810 χ^2/NDF : 223.9/27

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 98.725+/-0.084 χ^2/NDF : 189810.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.691+/-0.074 χ^2/NDF : 285891.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

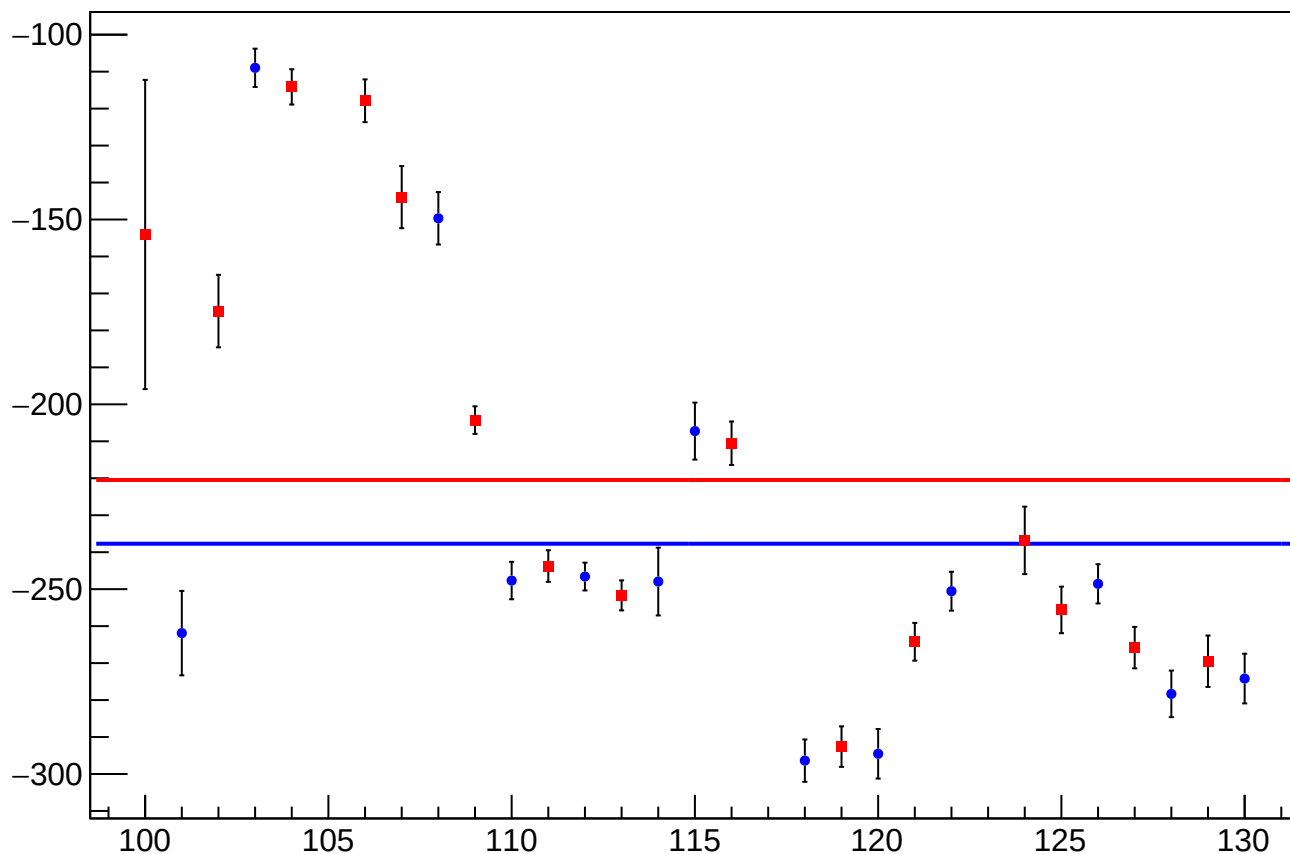
Right: 87.451+/-0.055 χ^2/NDF : 507812.8/27

In: 98.725+/-0.084 χ^2/NDF : 189810.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.451+/-0.055 χ^2/NDF : 507812.8/27

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -237.711+/-1.633 χ^2/NDF : 1060.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -220.463+/-1.448 χ^2/NDF : 1425.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

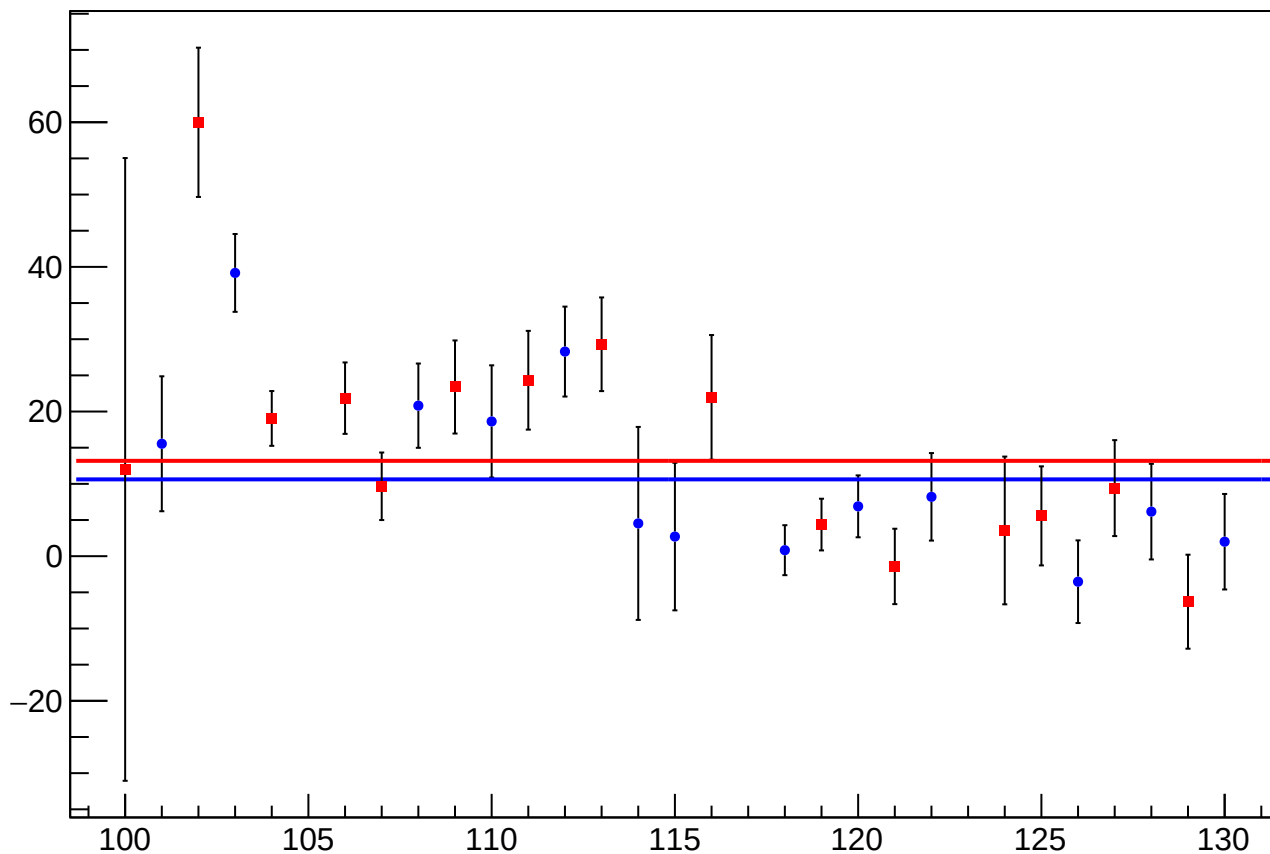
Right: -228.059+/-1.083 χ^2/NDF : 2547.7/27

In: -237.711+/-1.633 χ^2/NDF :1060.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -228.059+/-1.083 χ^2/NDF : 2547.7/27

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.619+/-1.632 χ^2/NDF : 58.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.184+/-1.504 χ^2/NDF : 64.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

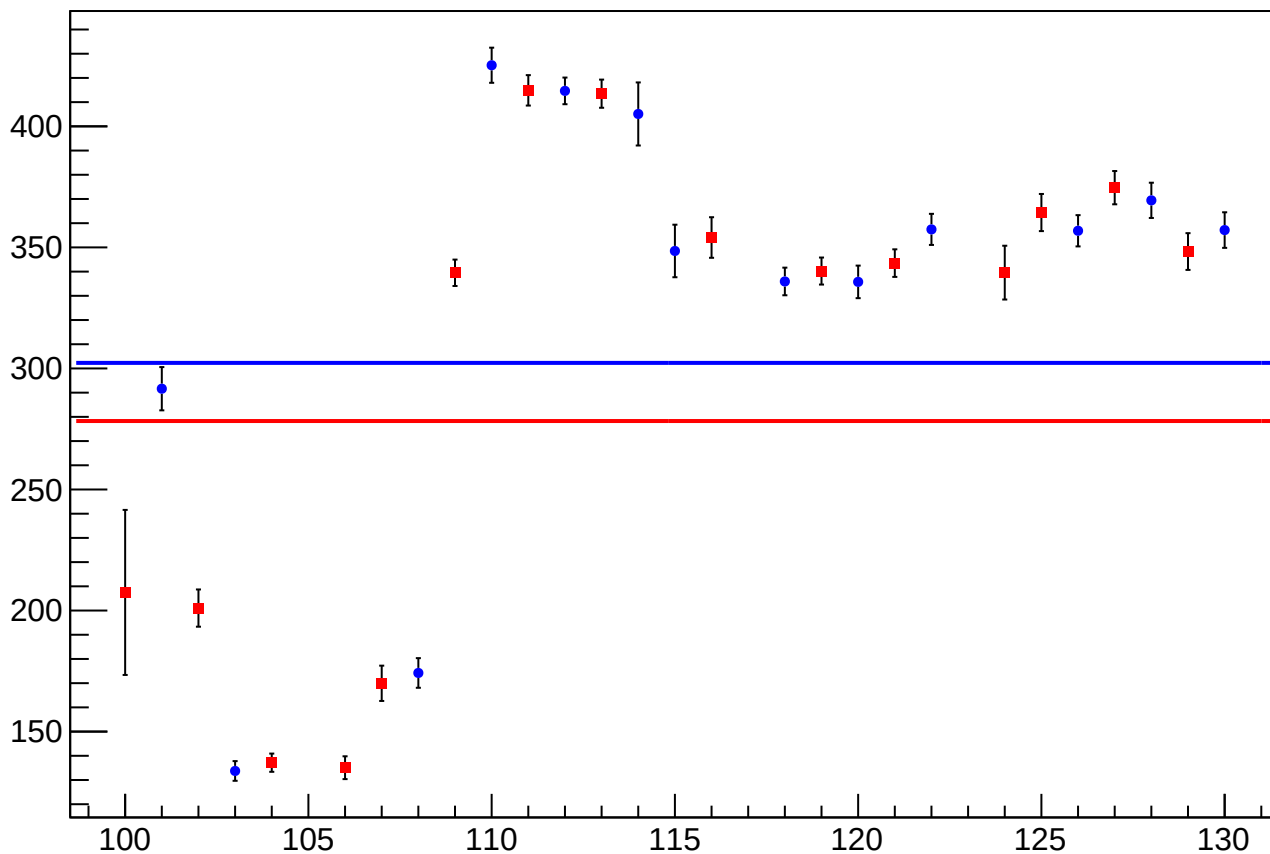
Right: 12.006+/-1.106 χ^2/NDF : 124.4/27

In: 10.619+/-1.632 χ^2/NDF : 58.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.006+/-1.106 χ^2/NDF : 124.4/27

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 302.296 $\pm$ 1.812 χ^2 /NDF: 3287.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 278.279 $\pm$ 1.619 χ^2 /NDF: 4569.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

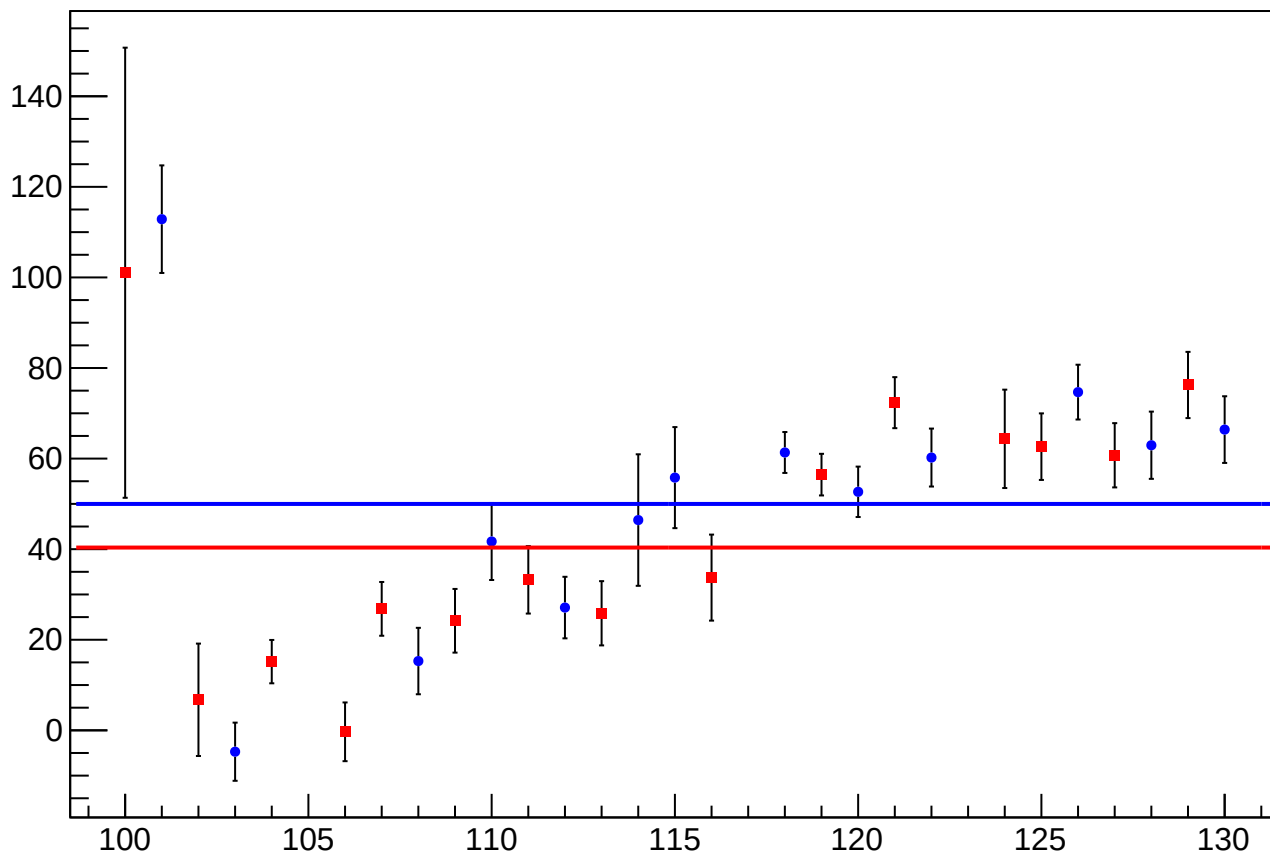
Right: 288.940 $\pm$ 1.207 χ^2 /NDF: 7953.8/27

In: 302.296 $\pm$ 1.812 χ^2 /NDF:3287.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 288.940 $\pm$ 1.207 χ^2 /NDF: 7953.8/27

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 49.987+/-1.932 χ^2/NDF : 169.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.356+/-1.778 χ^2/NDF : 182.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

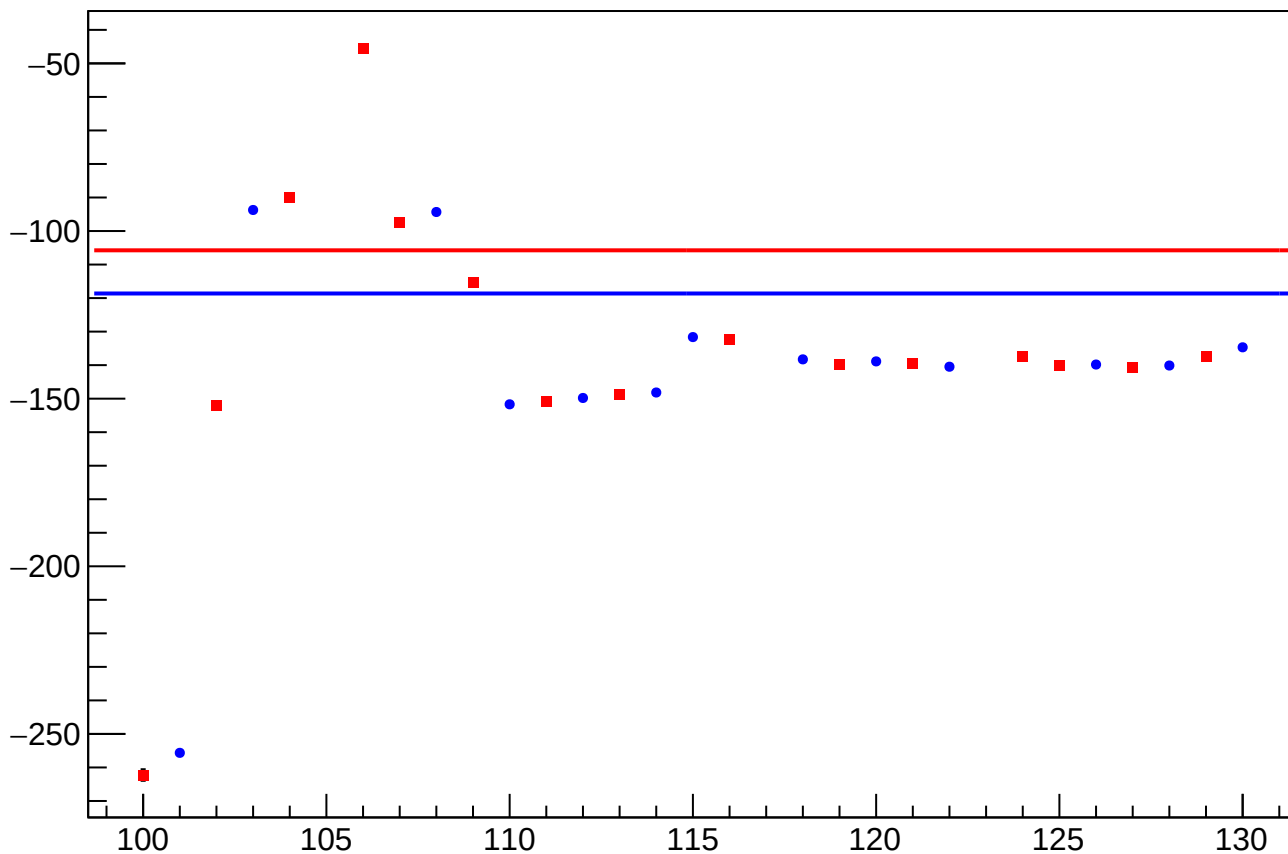
Right: 44.771+/-1.308 χ^2/NDF : 365.8/27

In: 49.987+/-1.932 χ^2/NDF : 169.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.771+/-1.308 χ^2/NDF : 365.8/27

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -118.631+/-0.107 χ^2/NDF : 115906.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -105.753+/-0.096 χ^2/NDF : 144921.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

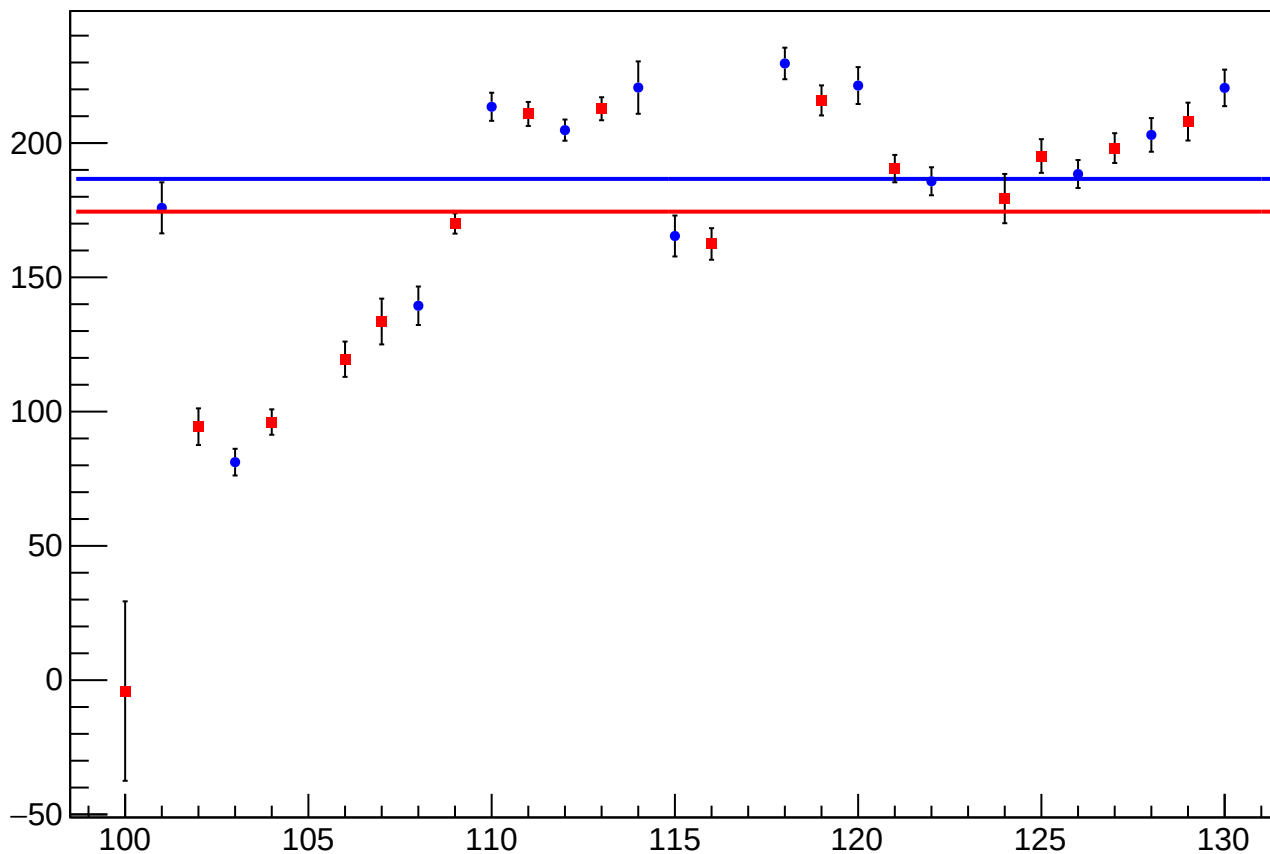
Right: -111.483+/-0.072 χ^2/NDF : 268818.1/27

In: -118.631+/-0.107 χ^2/NDF : 115906.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -111.483+/-0.072 χ^2/NDF : 268818.1/27

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 186.652 $\pm$ 1.643 χ^2 /NDF: 673.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 174.467 $\pm$ 1.462 χ^2 /NDF: 801.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

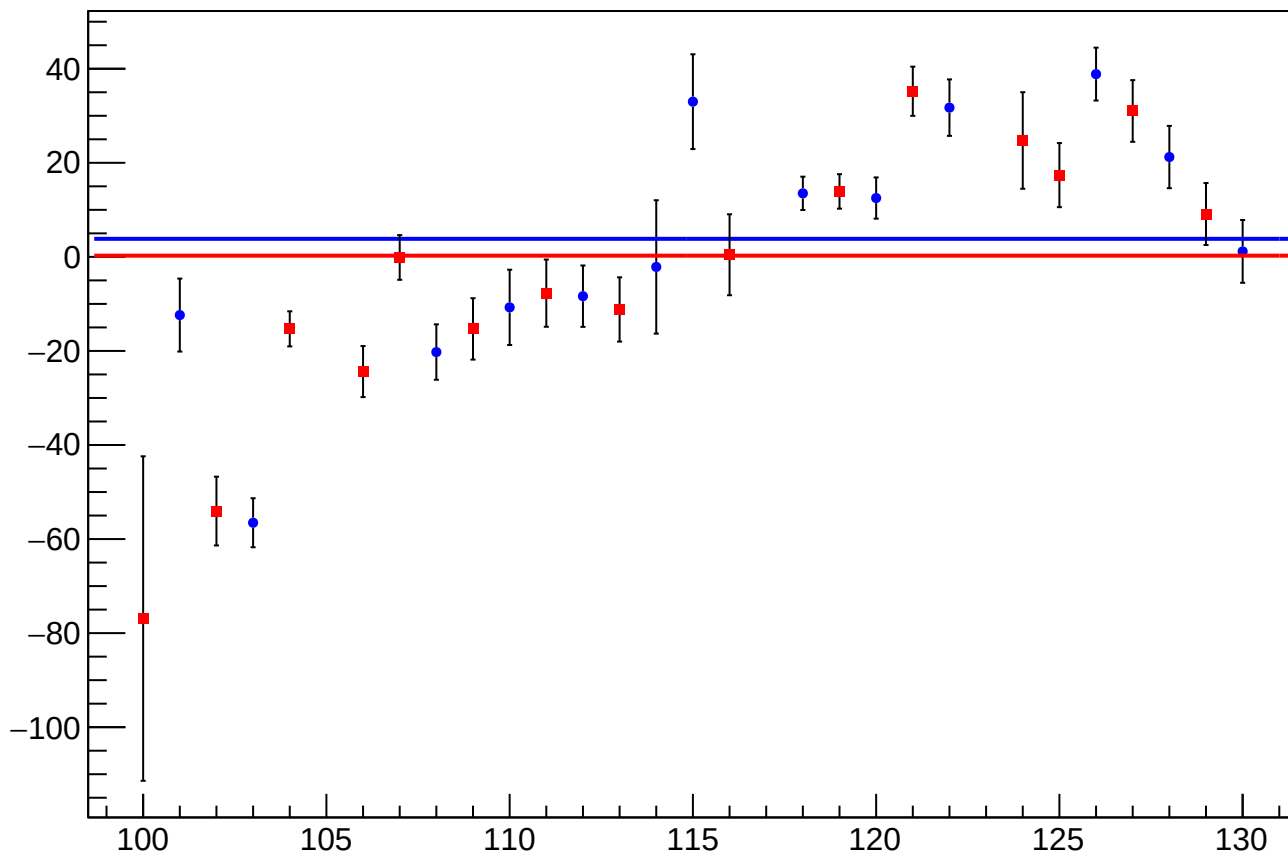
Right: 179.851 $\pm$ 1.092 χ^2 /NDF: 1504.9/27

In: 186.652 $\pm$ 1.643 χ^2 /NDF:673.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 179.851 $\pm$ 1.092 χ^2 /NDF: 1504.9/27

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.838+/-1.638 χ^2/NDF : 249.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.257+/-1.515 χ^2/NDF : 202.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

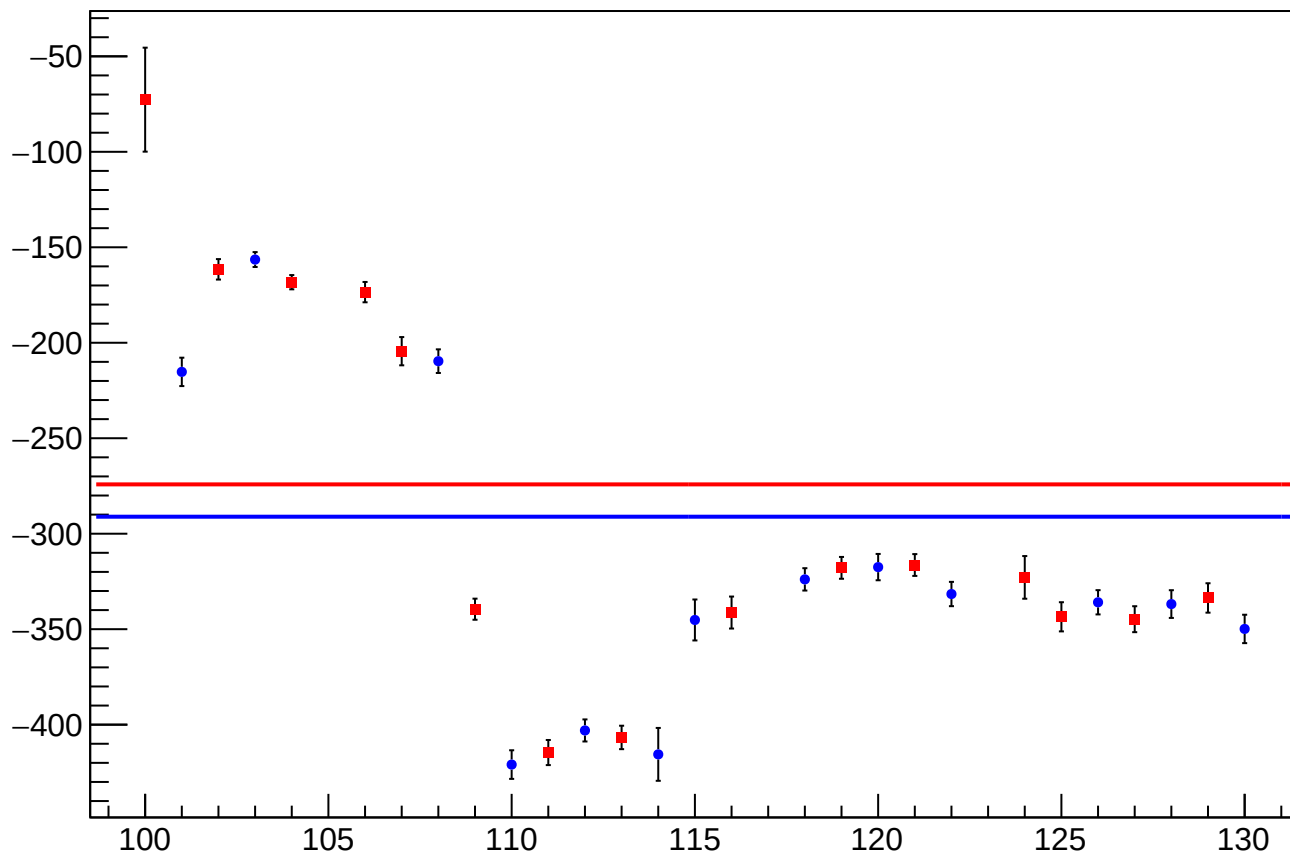
Right: 1.908+/-1.112 χ^2/NDF : 454.3/27

In: 3.838+/-1.638 χ^2/NDF :249.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.908+/-1.112 χ^2/NDF : 454.3/27

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -291.092+/-1.801 χ^2 /NDF: 2488.3/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -274.166+/-1.616 χ^2 /NDF: 3255.4/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

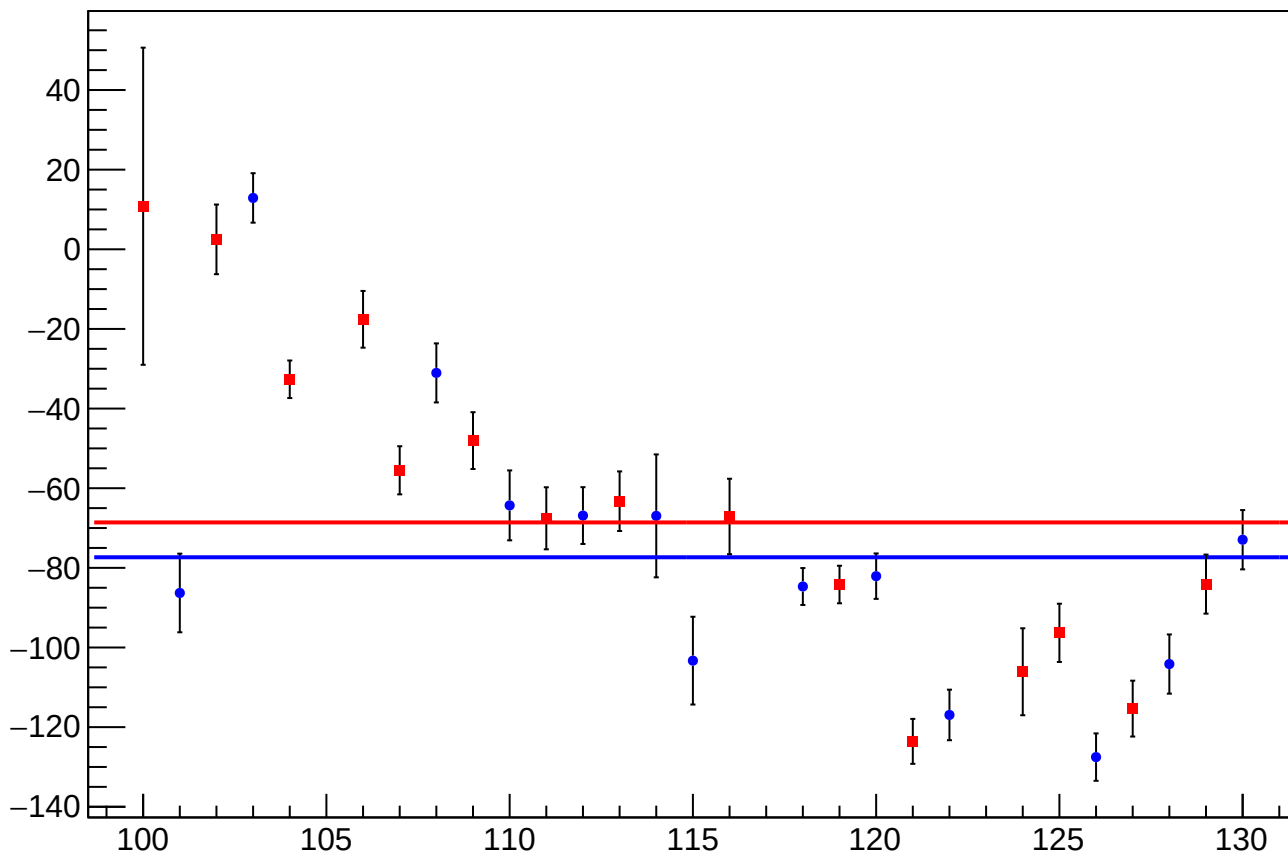
Right: -281.713+/-1.203 χ^2 /NDF: 5792.6/27

In: -291.092+/-1.801 χ^2 /NDF:2488.3/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -281.713+/-1.203 χ^2 /NDF: 5792.6/27

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.342+/-1.939 χ^2/NDF : 387.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -68.590+/-1.788 χ^2/NDF : 373.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

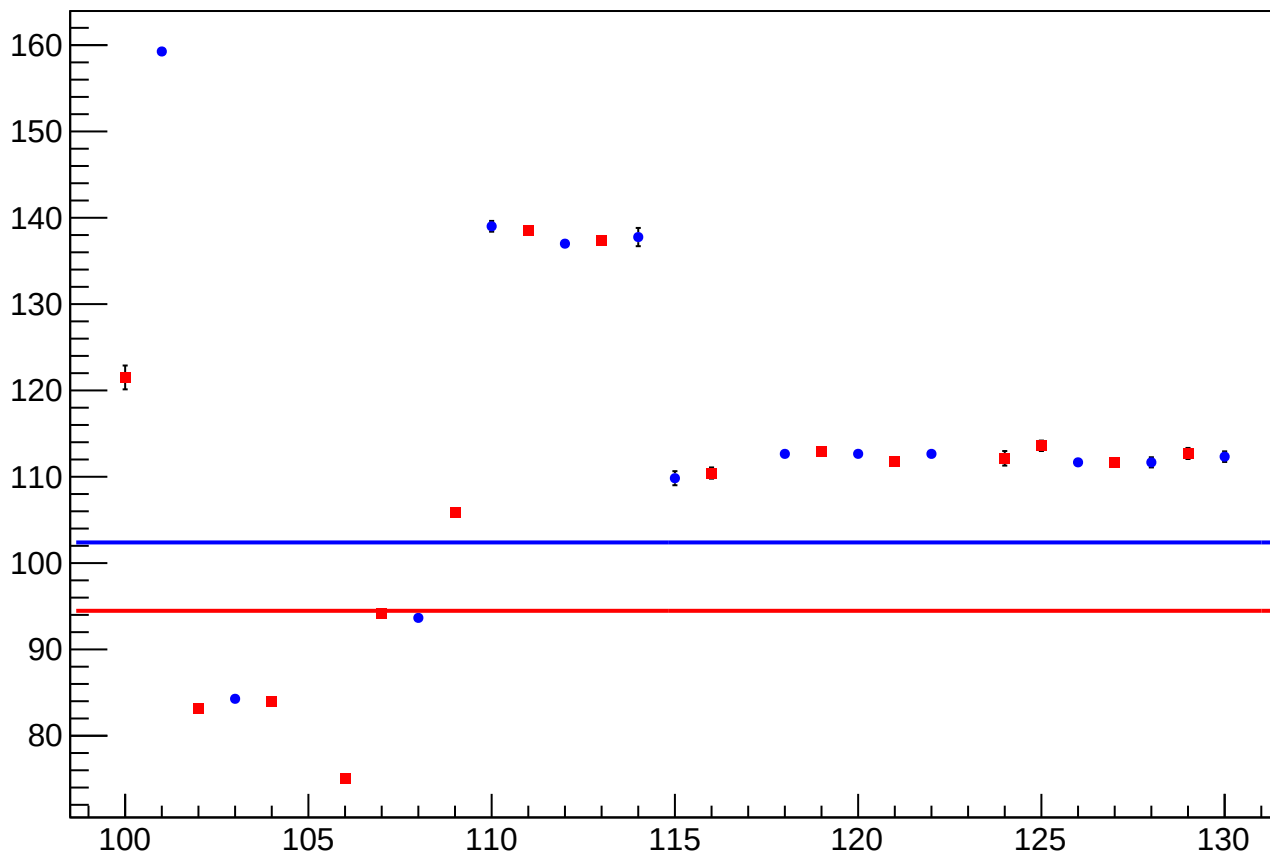
Right: -72.611+/-1.314 χ^2/NDF : 772.6/27

In: -77.342+/-1.939 χ^2/NDF : 387.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -72.611+/-1.314 χ^2/NDF : 772.6/27

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 102.392+/-0.105 χ^2/NDF : 42858.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.473+/-0.093 χ^2/NDF : 35496.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

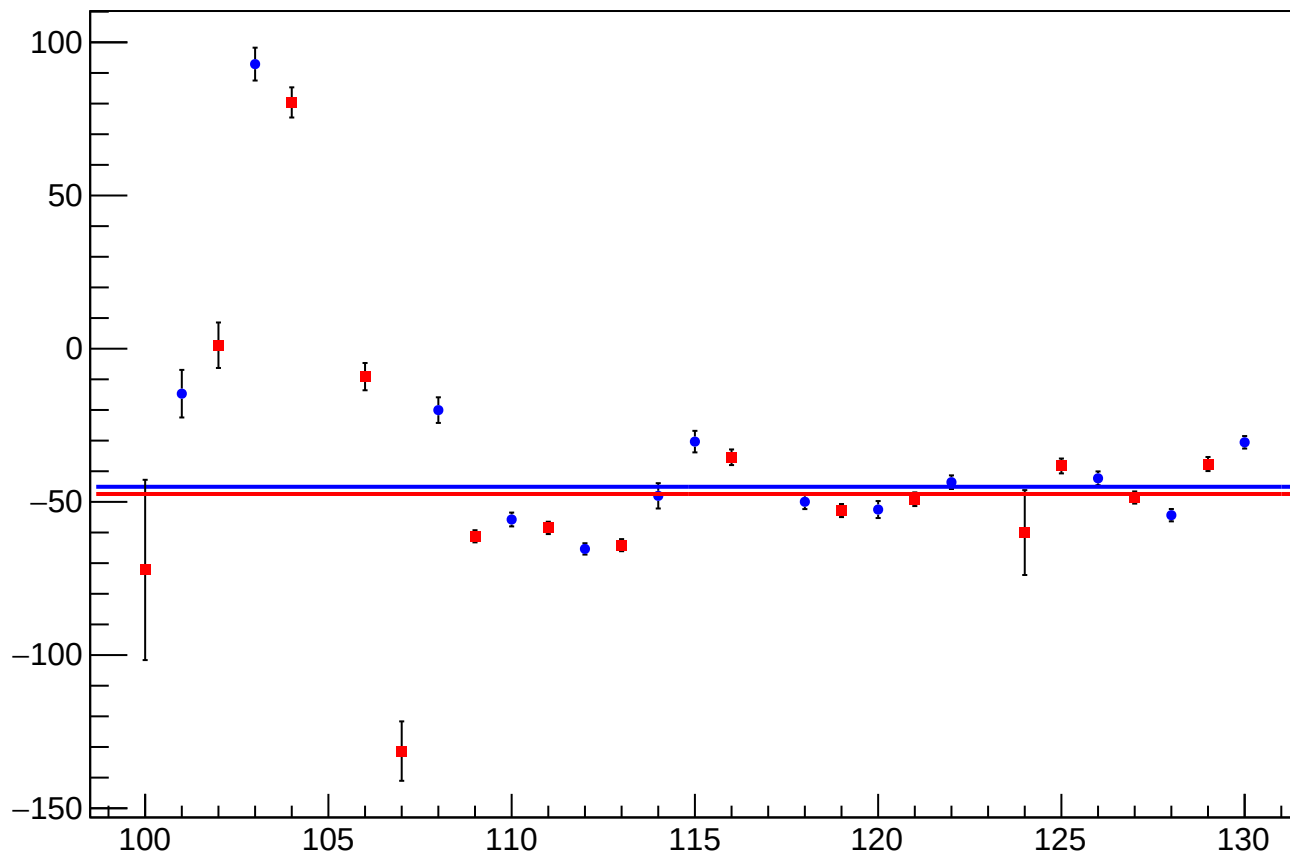
Right: 97.962+/-0.070 χ^2/NDF : 81518.0/27

In: 102.392+/-0.105 χ^2/NDF : 42858.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.962+/-0.070 χ^2/NDF : 81518.0/27

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -45.072 ± 0.721 χ^2/NDF : 957.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -47.424 ± 0.695 χ^2/NDF : 1079.0/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

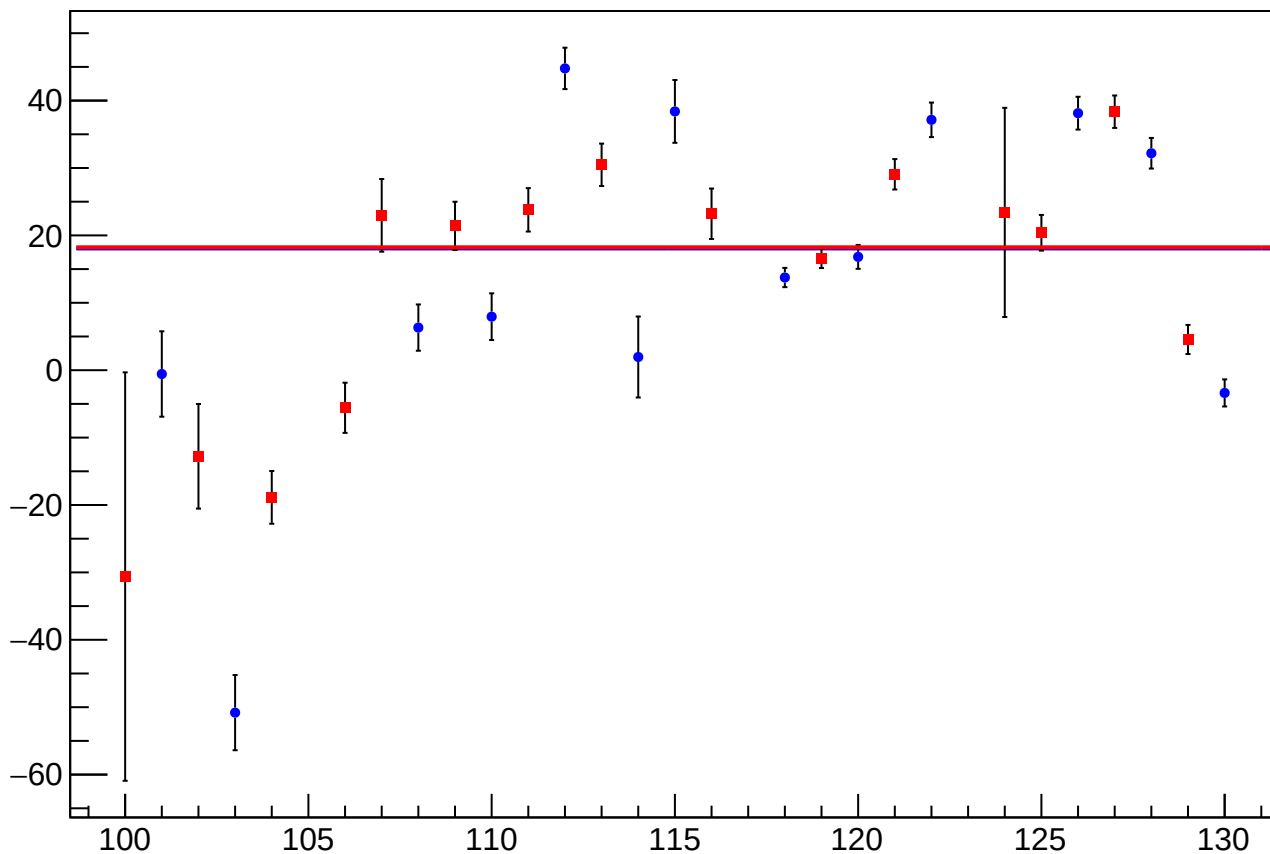
Right: -46.292 ± 0.500 χ^2/NDF : 2041.9/27

In: -45.072 ± 0.721 χ^2/NDF : 957.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -46.292 ± 0.500 χ^2/NDF : 2041.9/27

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.068+/-0.712 χ^2 /NDF: 568.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 18.231+/-0.752 χ^2 /NDF: 306.1/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

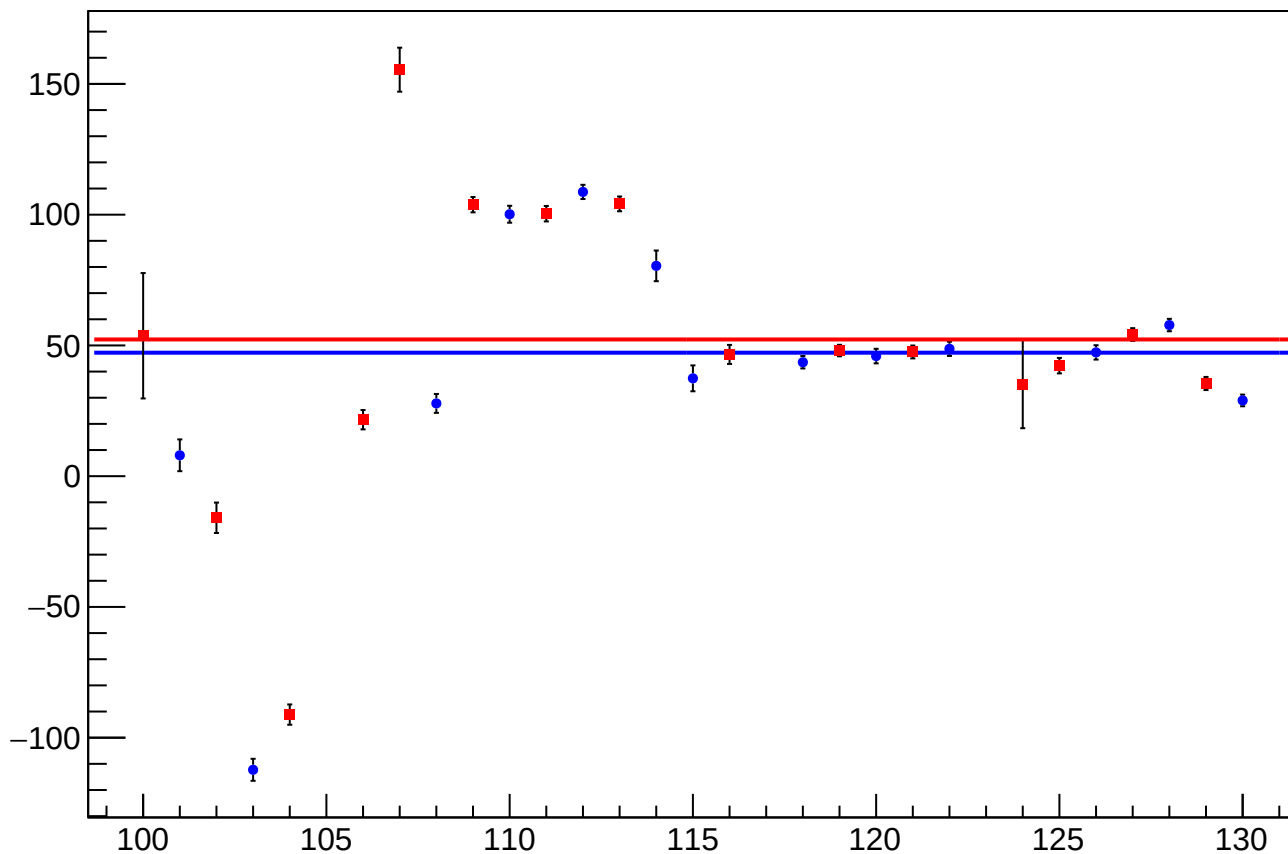
Right: 18.145+/-0.517 χ^2 /NDF: 874.9/27

In: 18.068+/-0.712 χ^2 /NDF:568.7/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 18.145+/-0.517 χ^2 /NDF: 874.9/27

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 47.221 ± 0.841 χ^2/NDF : 2413.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 52.280 ± 0.835 χ^2/NDF : 2697.9/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

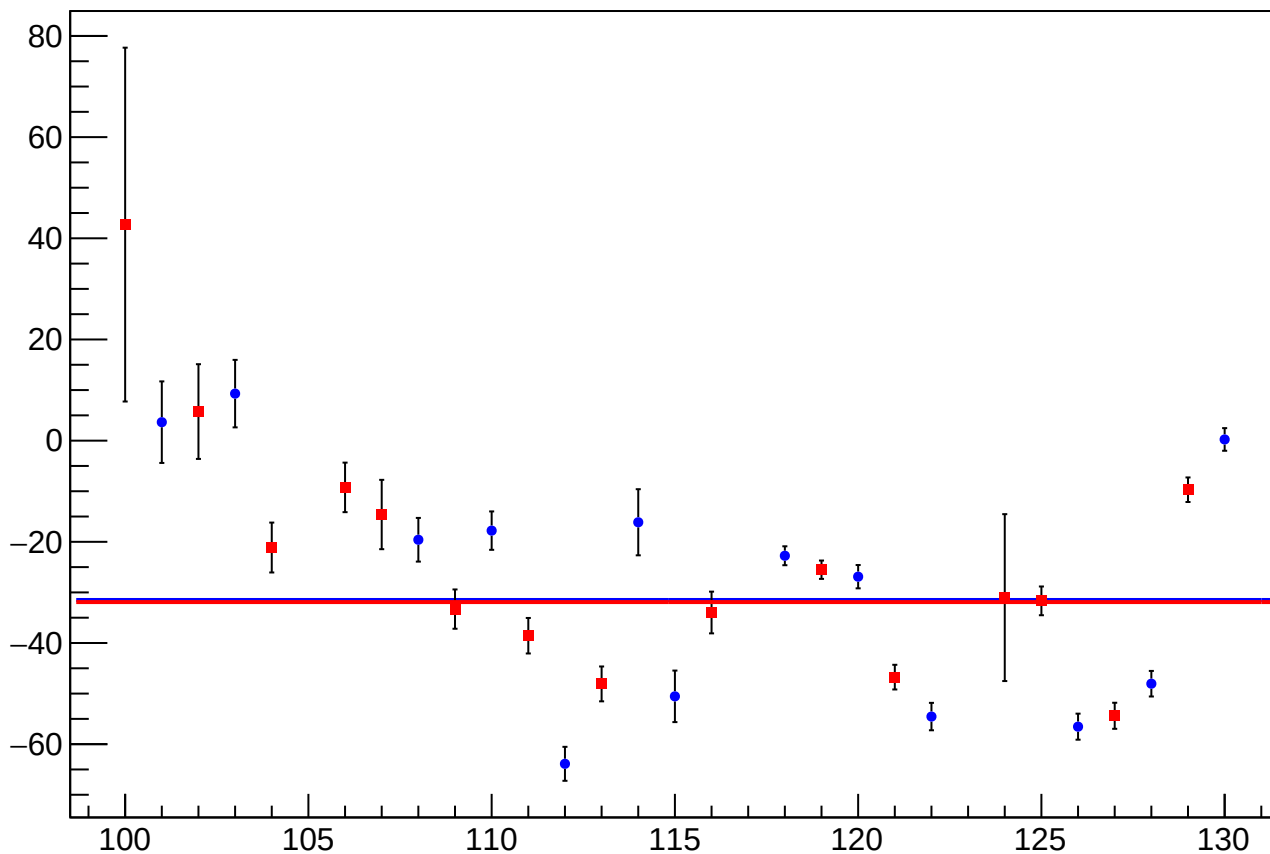
Right: 49.769 ± 0.592 χ^2/NDF : 5129.1/27

In: 47.221 ± 0.841 χ^2/NDF : 2413.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 49.769 ± 0.592 χ^2/NDF : 5129.1/27

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -31.496+/-0.836 χ^2/NDF : 626.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.909+/-0.868 χ^2/NDF : 288.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

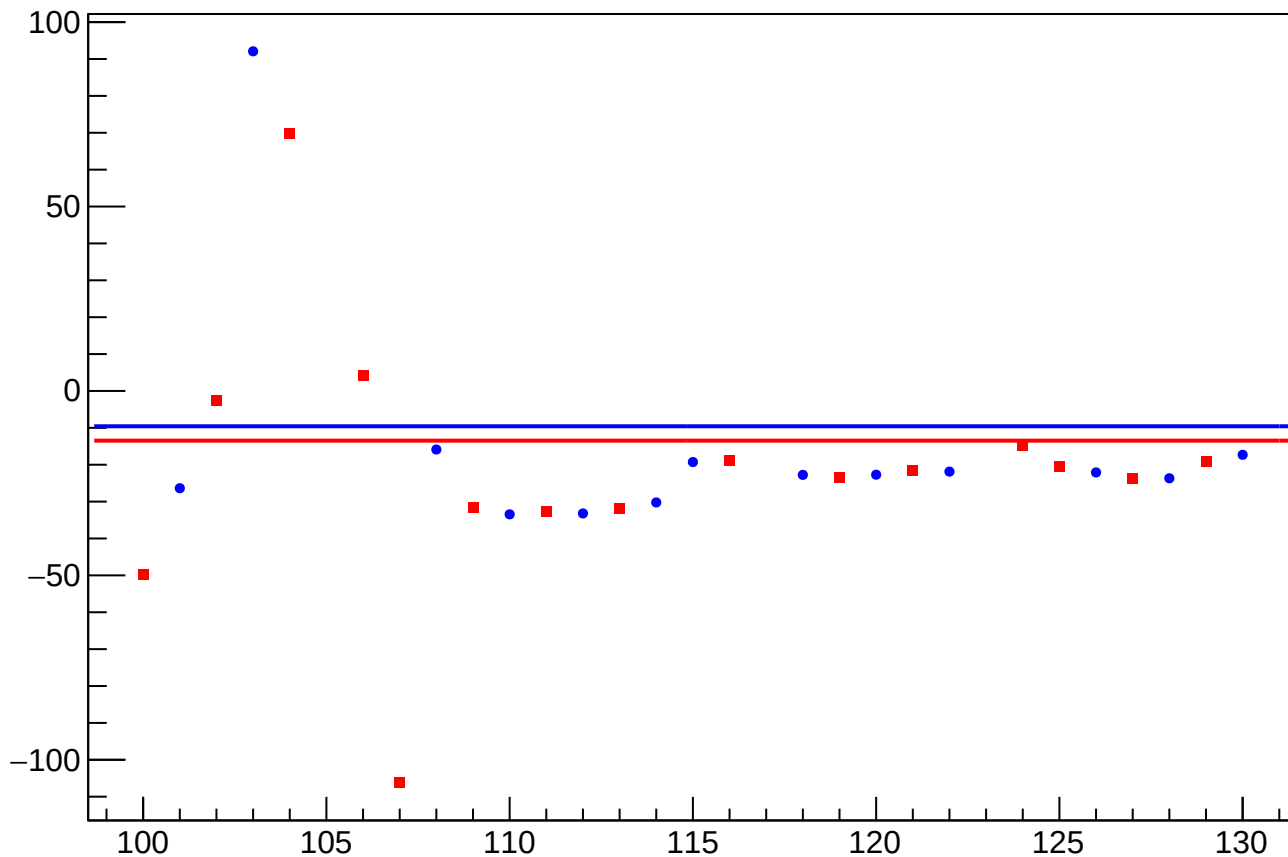
Right: -31.695+/-0.602 χ^2/NDF : 915.2/27

In: -31.496+/-0.836 χ^2/NDF : 626.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.695+/-0.602 χ^2/NDF : 915.2/27

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -9.574+/-0.059 χ^2/NDF : 381221.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.471+/-0.059 χ^2/NDF : 315541.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

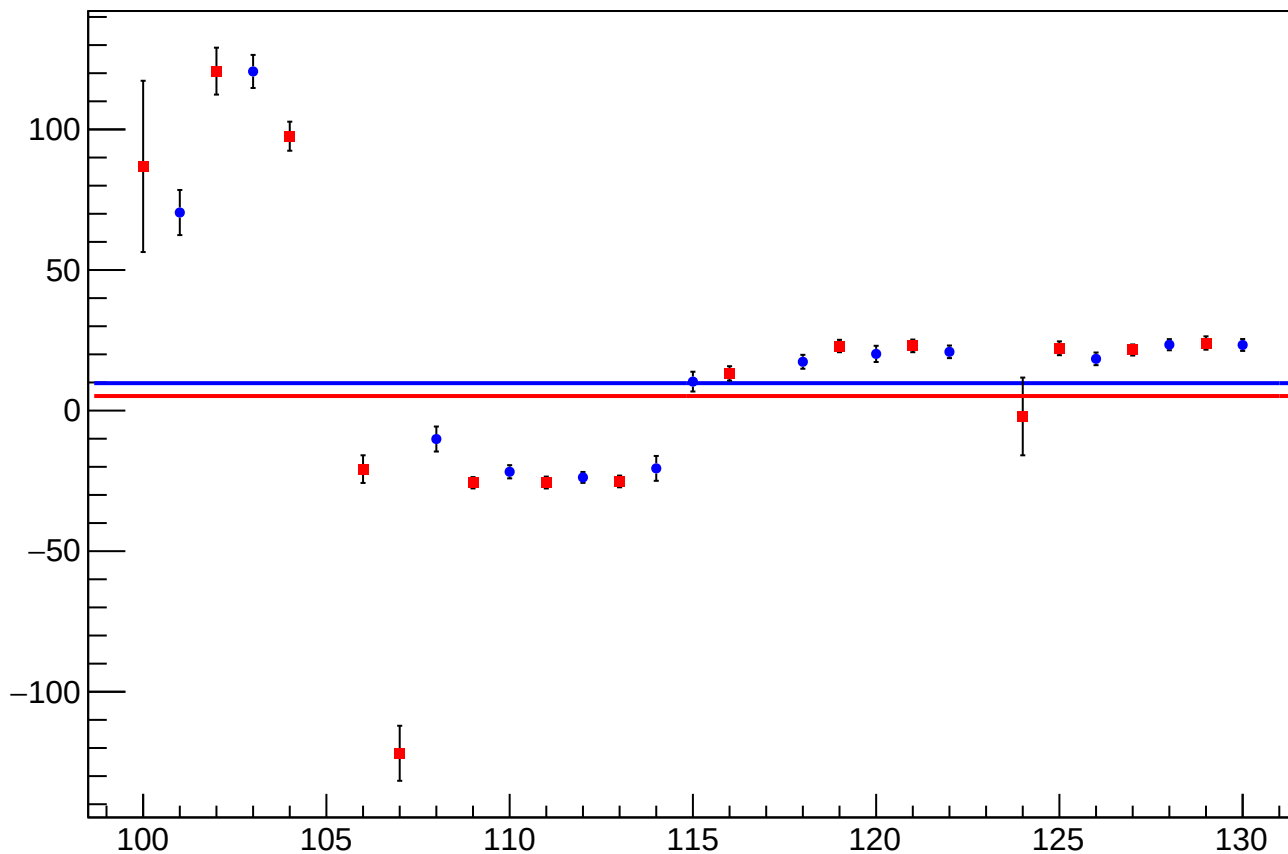
Right: -11.534+/-0.042 χ^2/NDF : 698940.1/27

In: -9.574+/-0.059 χ^2/NDF : 381221.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.534+/-0.042 χ^2/NDF : 698940.1/27

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 9.760+/-0.739 χ^2/NDF : 1107.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.179+/-0.713 χ^2/NDF : 1693.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

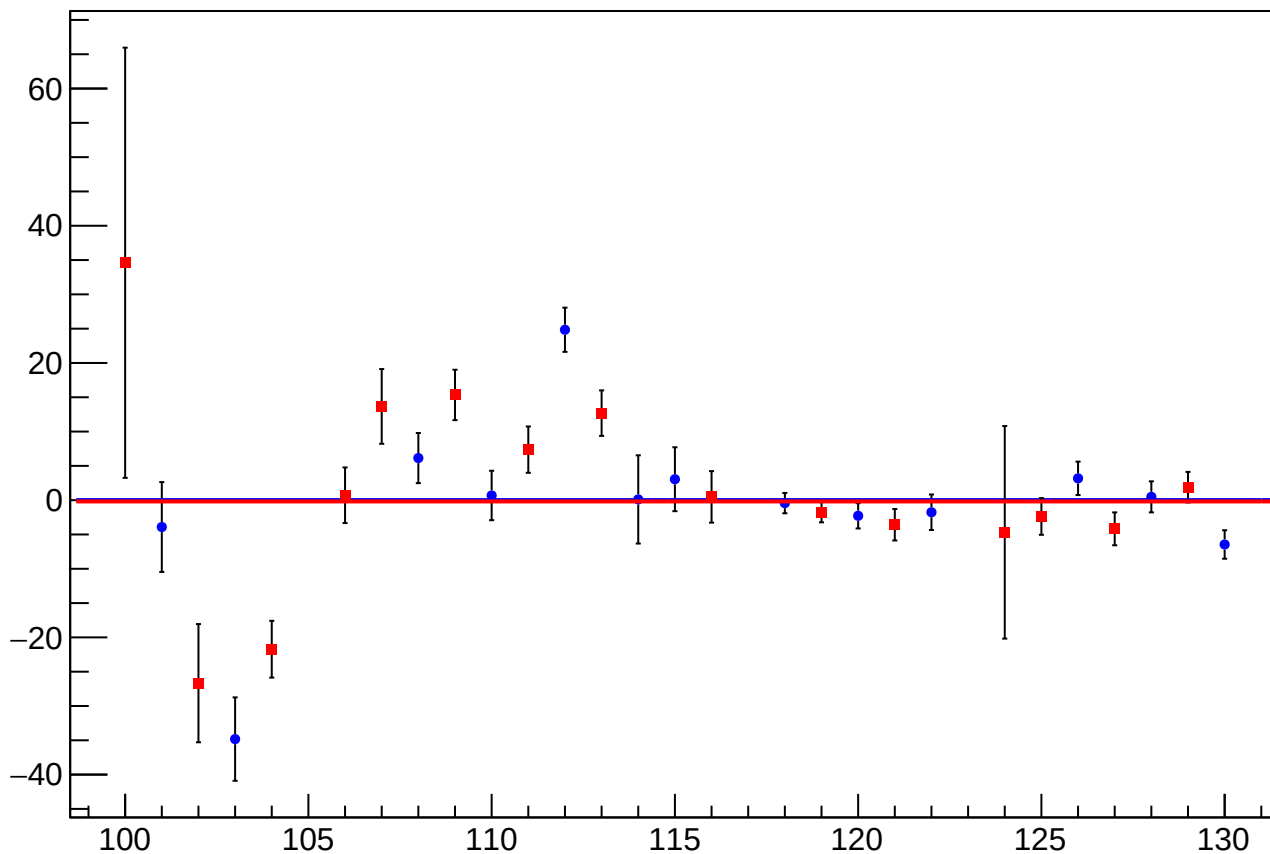
Right: 7.387+/-0.513 χ^2/NDF : 2820.4/27

In: 9.760+/-0.739 χ^2/NDF : 1107.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.387+/-0.513 χ^2/NDF : 2820.4/27

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.732 χ^2 /NDF: 109.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.186 $\pm$ 0.776 χ^2 /NDF: 90.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

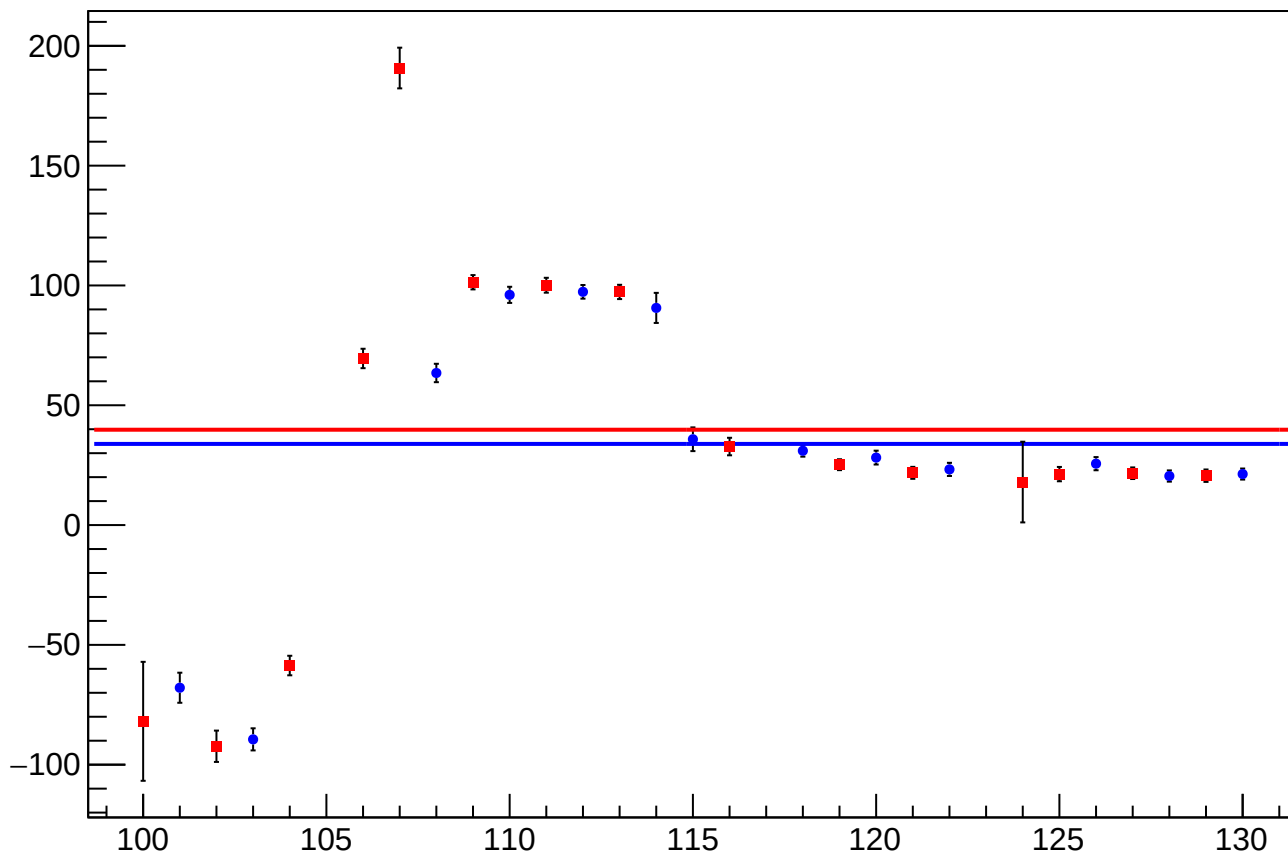
Right: -0.082 $\pm$ 0.533 χ^2 /NDF: 199.5/27

In: 0.012 $\pm$ 0.732 χ^2 /NDF:109.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.082 $\pm$ 0.533 χ^2 /NDF: 199.5/27

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 33.866+/-0.864 χ^2/NDF : 2048.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.793+/-0.860 χ^2/NDF : 2806.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

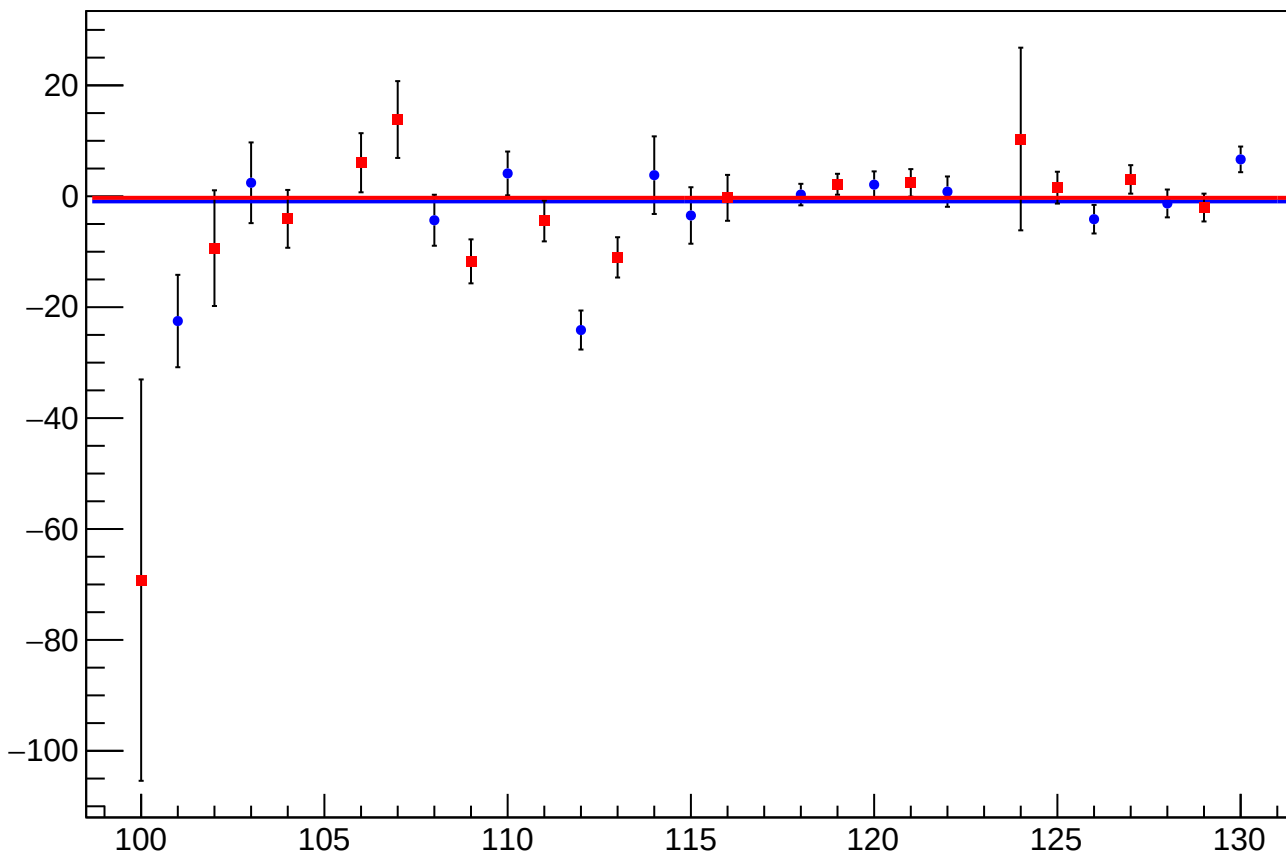
Right: 36.844+/-0.610 χ^2/NDF : 4878.8/27

In: 33.866+/-0.864 χ^2/NDF : 2048.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.844+/-0.610 χ^2/NDF : 4878.8/27

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.924 ± 0.859 χ^2/NDF : 68.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.277 ± 0.893 χ^2/NDF : 34.7/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

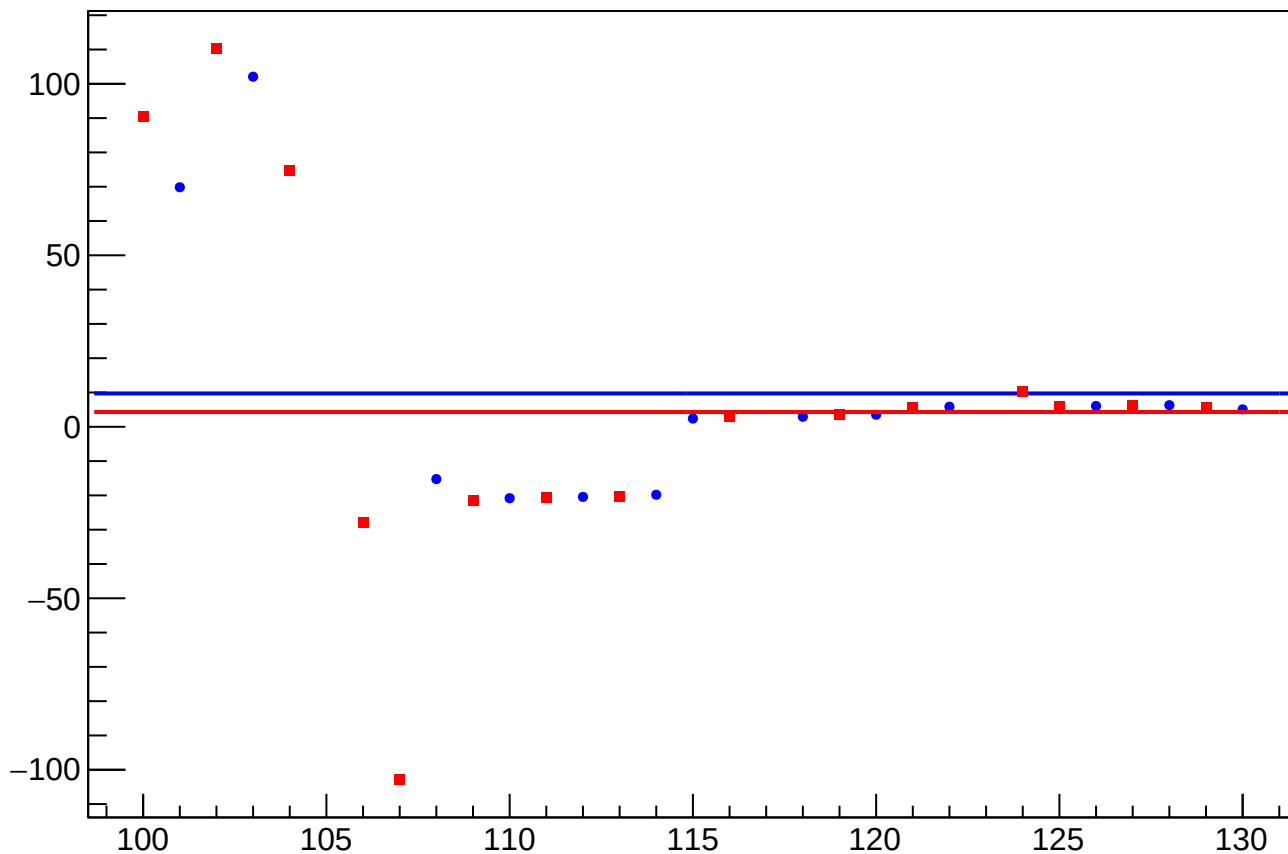
Right: -0.613 ± 0.619 χ^2/NDF : 103.0/27

In: -0.924 ± 0.859 χ^2/NDF : 68.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.613 ± 0.619 χ^2/NDF : 103.0/27

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 9.727 $\pm$ 0.061 χ^2 /NDF: 316393.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4.316 $\pm$ 0.061 χ^2 /NDF: 434425.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

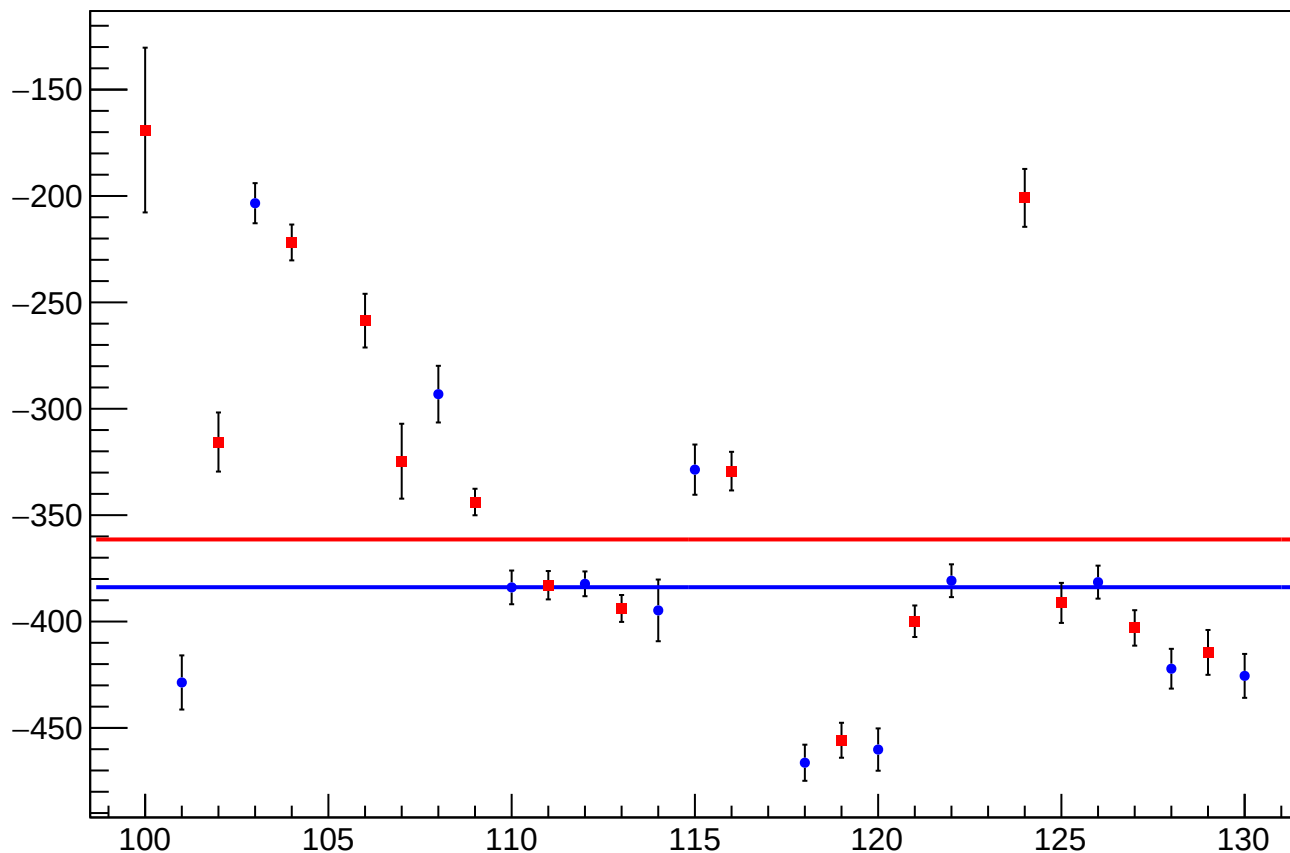
Right: 7.014 $\pm$ 0.043 χ^2 /NDF: 754701.2/27

In: 9.727 $\pm$ 0.061 χ^2 /NDF:316393.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 7.014 $\pm$ 0.043 χ^2 /NDF: 754701.2/27

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -383.862+/-2.511 χ^2 /NDF: 634.3/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -361.424+/-2.306 χ^2 /NDF: 796.5/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

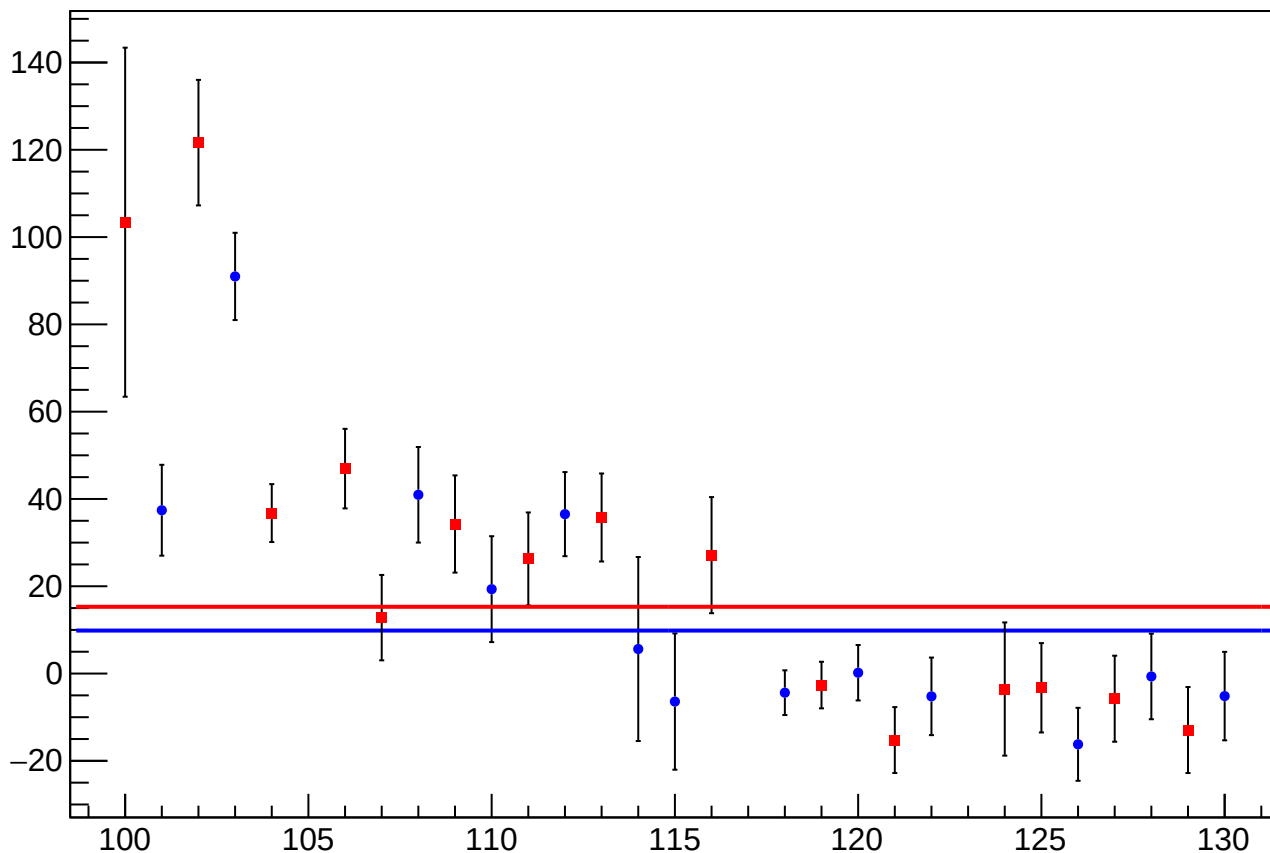
Right: -371.693+/-1.698 χ^2 /NDF: 1474.1/27

In: -383.862+/-2.511 χ^2 /NDF:634.3/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -371.693+/-1.698 χ^2 /NDF: 1474.1/27

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.846+/-2.488 χ^2/NDF : 116.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.296+/-2.424 χ^2/NDF : 136.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

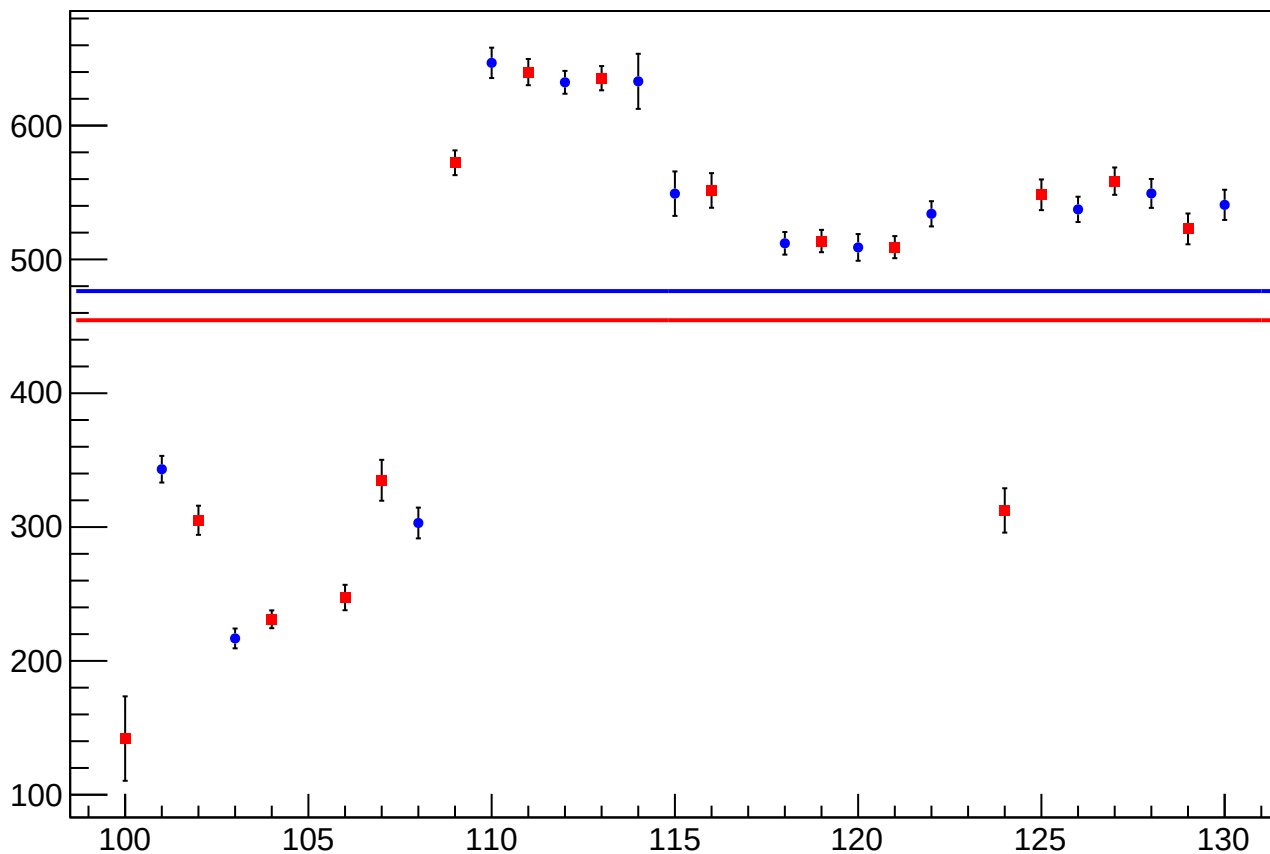
Right: 12.642+/-1.736 χ^2/NDF : 255.1/27

In: 9.846+/-2.488 χ^2/NDF : 116.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.642+/-1.736 χ^2/NDF : 255.1/27

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 476.327+/-2.814 χ^2/NDF : 2459.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 454.548+/-2.625 χ^2/NDF : 3303.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

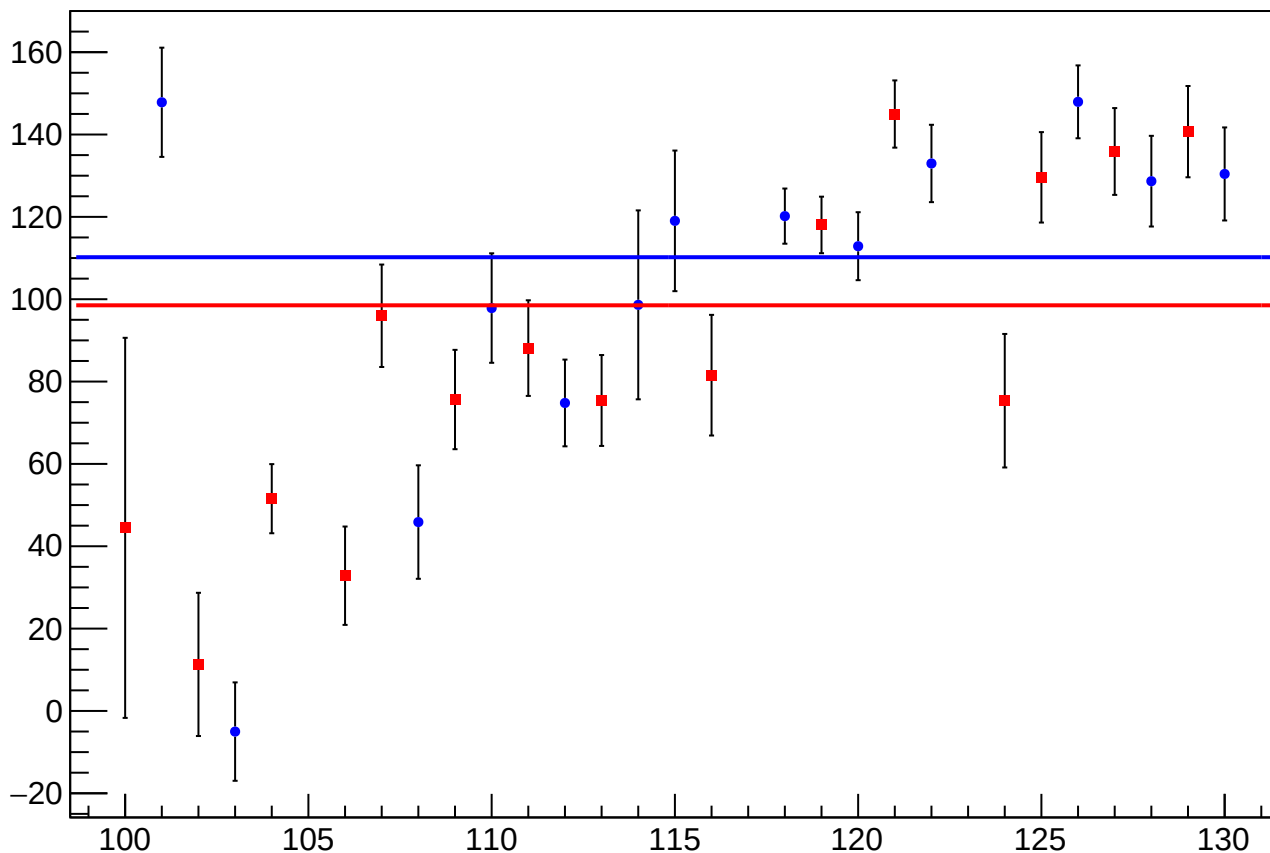
Right: 464.682+/-1.919 χ^2/NDF : 5794.8/27

In: 476.327+/-2.814 χ^2/NDF : 2459.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 464.682+/-1.919 χ^2/NDF : 5794.8/27

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 110.201+/-2.948 χ^2/NDF : 167.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.520+/-2.840 χ^2/NDF : 175.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

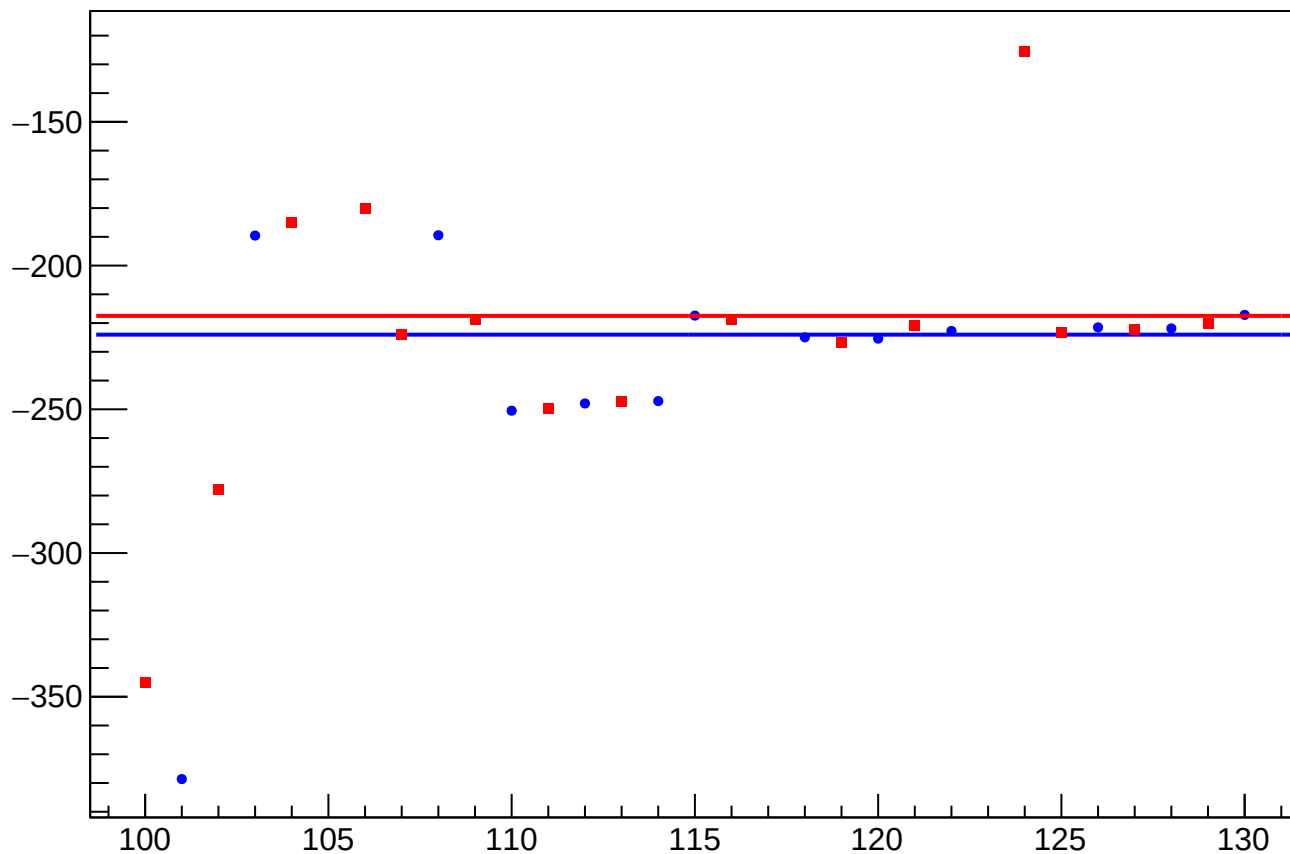
Right: 104.142+/-2.045 χ^2/NDF : 351.8/27

In: 110.201+/-2.948 χ^2/NDF : 167.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.142+/-2.045 χ^2/NDF : 351.8/27

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -224.031+/-0.176 χ^2/NDF : 87688.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -217.497+/-0.165 χ^2/NDF : 47392.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

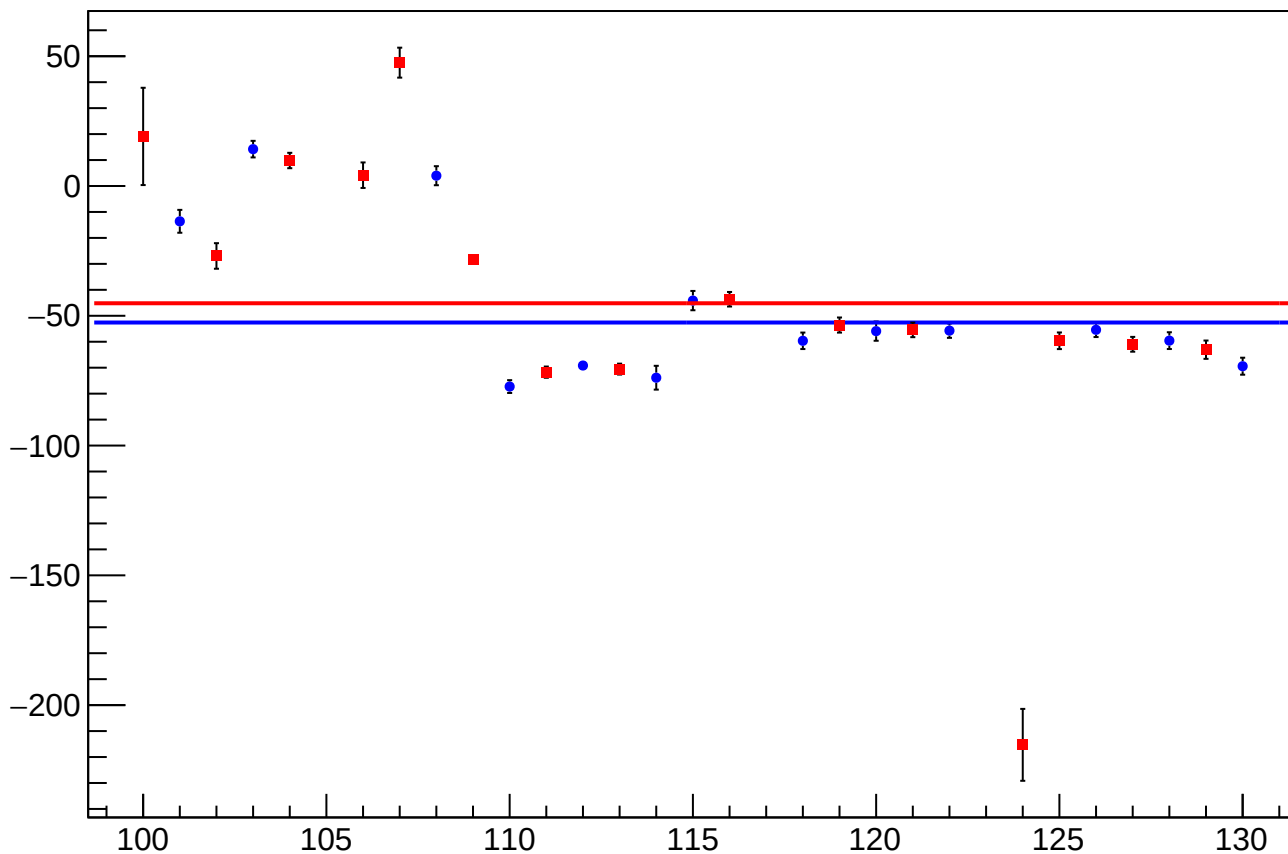
Right: -220.549+/-0.120 χ^2/NDF : 135814.5/27

In: -224.031+/-0.176 χ^2/NDF :87688.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -220.549+/-0.120 χ^2/NDF : 135814.5/27

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -52.598 $\pm$ 0.848 χ^2 /NDF: 992.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -45.177 $\pm$ 0.750 χ^2 /NDF: 1395.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

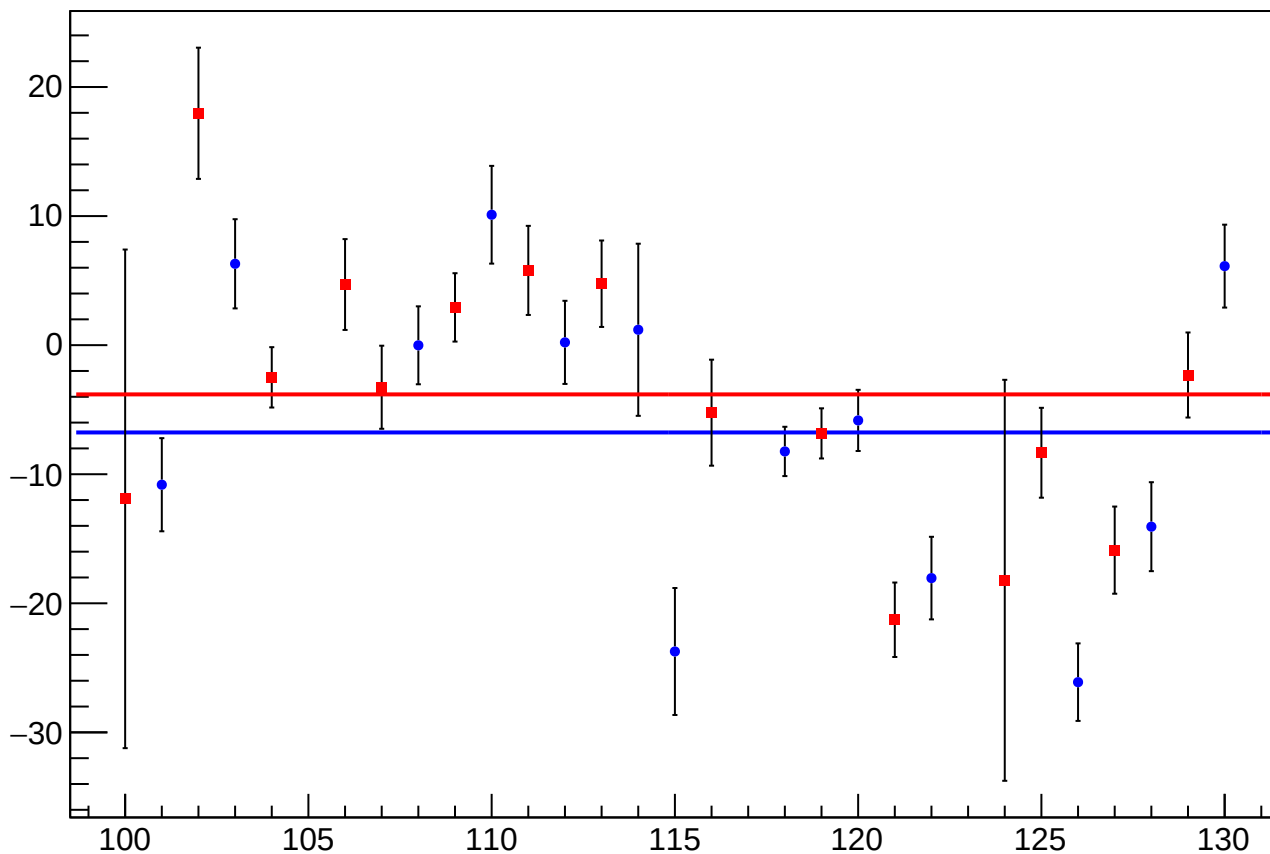
Right: -48.434 $\pm$ 0.562 χ^2 /NDF: 2430.5/27

In: -52.598 $\pm$ 0.848 χ^2 /NDF: 992.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -48.434 $\pm$ 0.562 χ^2 /NDF: 2430.5/27

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.763+/-0.863 χ^2/NDF : 133.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.815+/-0.837 χ^2/NDF : 100.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

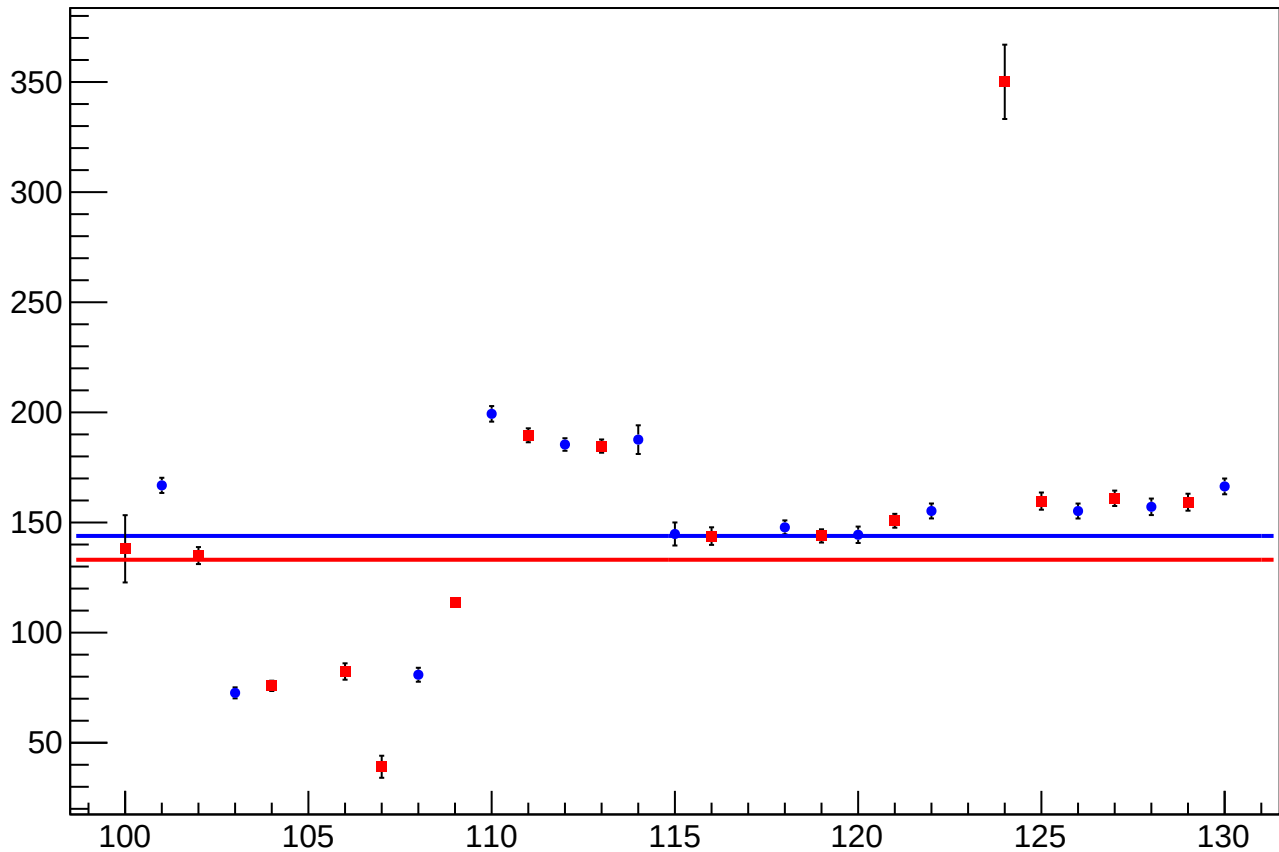
Right: -5.243+/-0.601 χ^2/NDF : 239.9/27

In: -6.763+/-0.863 χ^2/NDF : 133.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.243+/-0.601 χ^2/NDF : 239.9/27

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 143.905+/-0.953 χ^2/NDF : 1826.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.088+/-0.890 χ^2/NDF : 2197.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

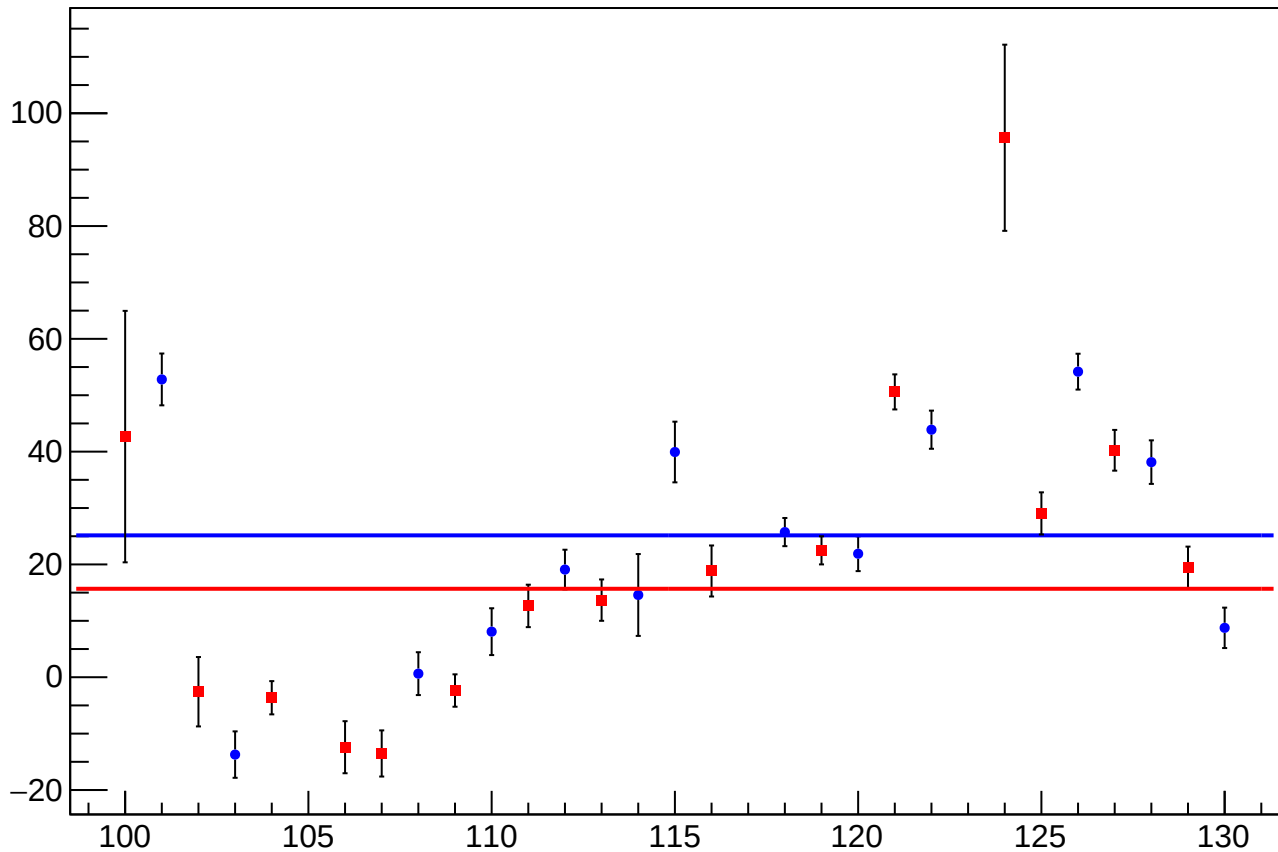
Right: 138.124+/-0.650 χ^2/NDF : 4092.7/27

In: 143.905+/-0.953 χ^2/NDF : 1826.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.124+/-0.650 χ^2/NDF : 4092.7/27

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 25.152+/-1.018 χ^2/NDF : 344.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.683+/-0.974 χ^2/NDF : 399.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

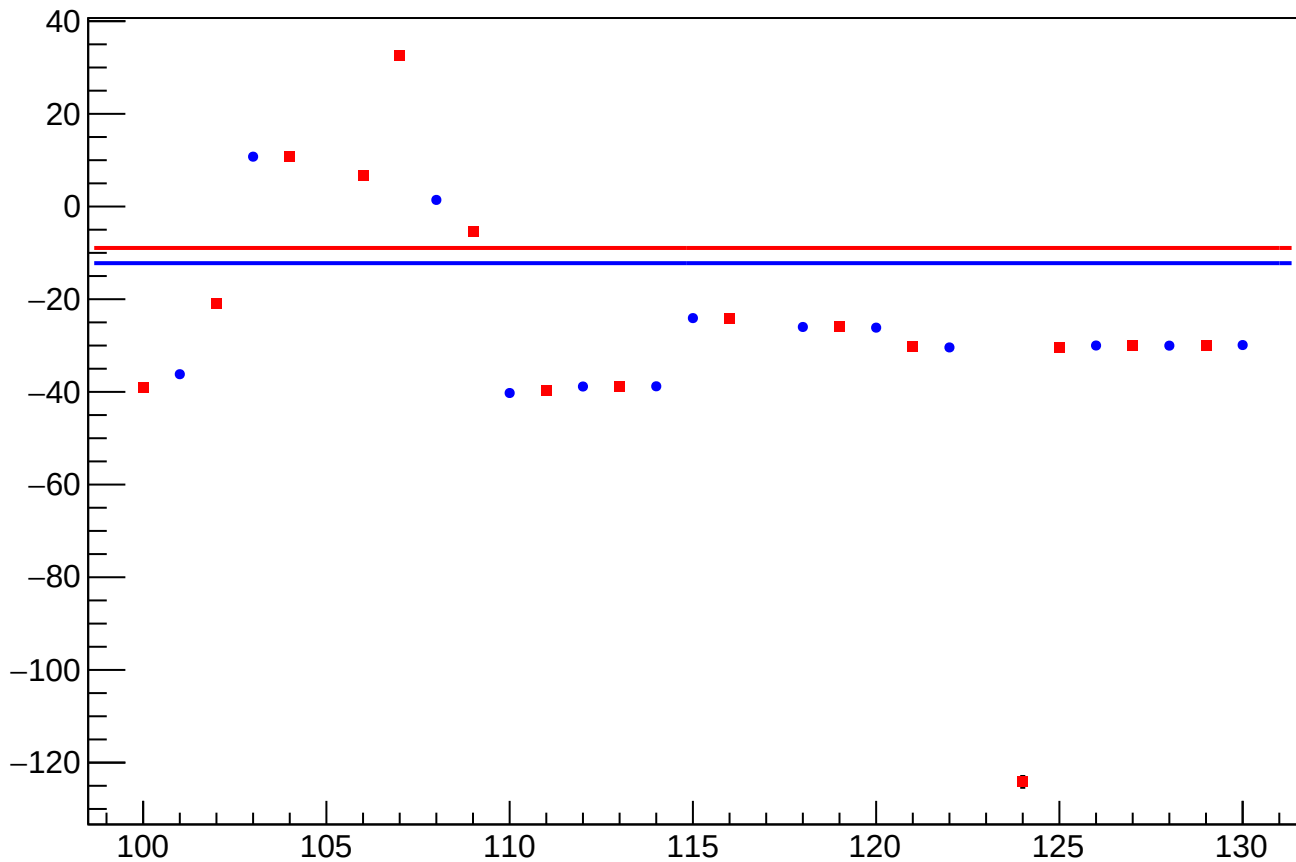
Right: 20.208+/-0.704 χ^2/NDF : 788.4/27

In: 25.152+/-1.018 χ^2/NDF : 344.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.208+/-0.704 χ^2/NDF : 788.4/27

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -12.221+/-0.058 χ^2/NDF : 121771.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.941+/-0.056 χ^2/NDF : 155003.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

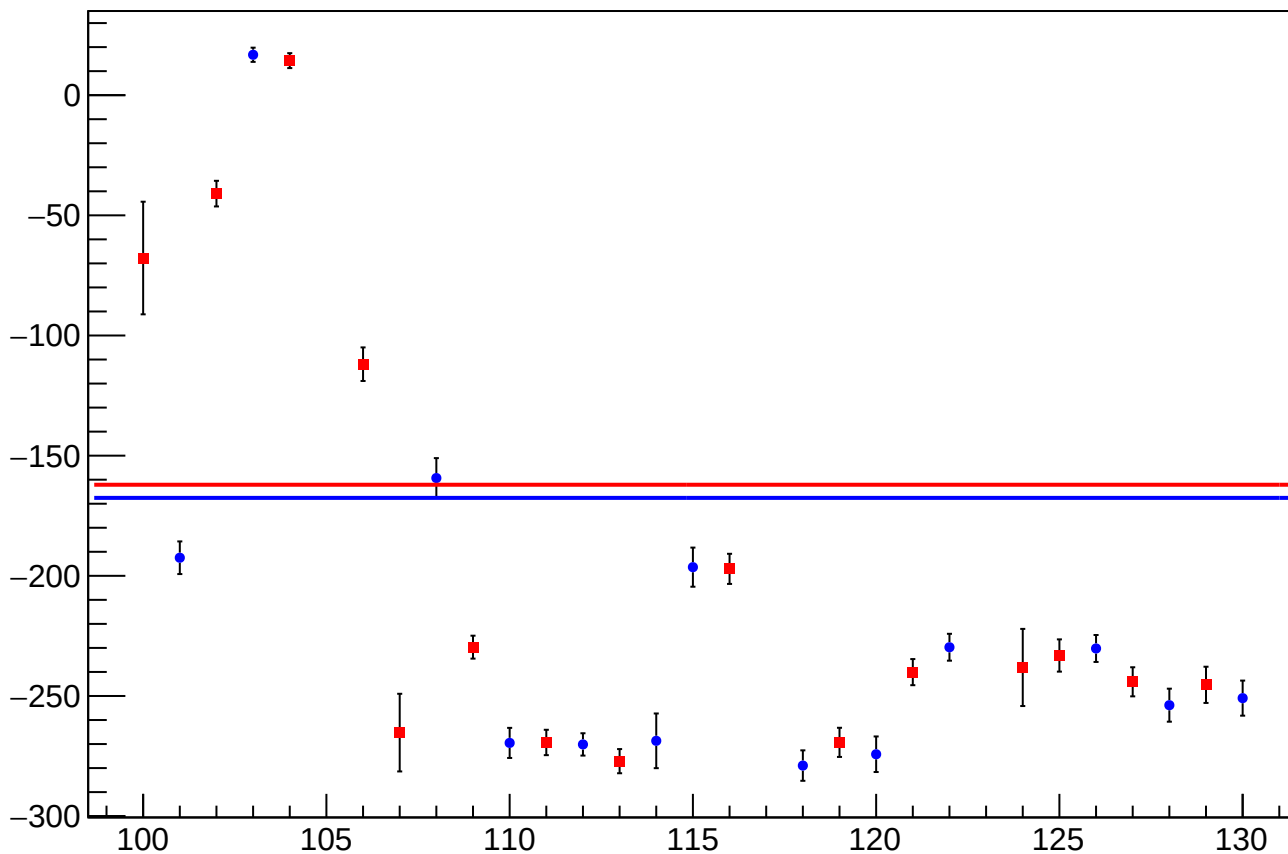
Right: -10.529+/-0.040 χ^2/NDF : 278417.7/27

In: -12.221+/-0.058 χ^2/NDF : 121771.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.529+/-0.040 χ^2/NDF : 278417.7/27

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -167.568+/-1.597 χ^2/NDF : 5801.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -162.101+/-1.504 χ^2/NDF : 5983.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

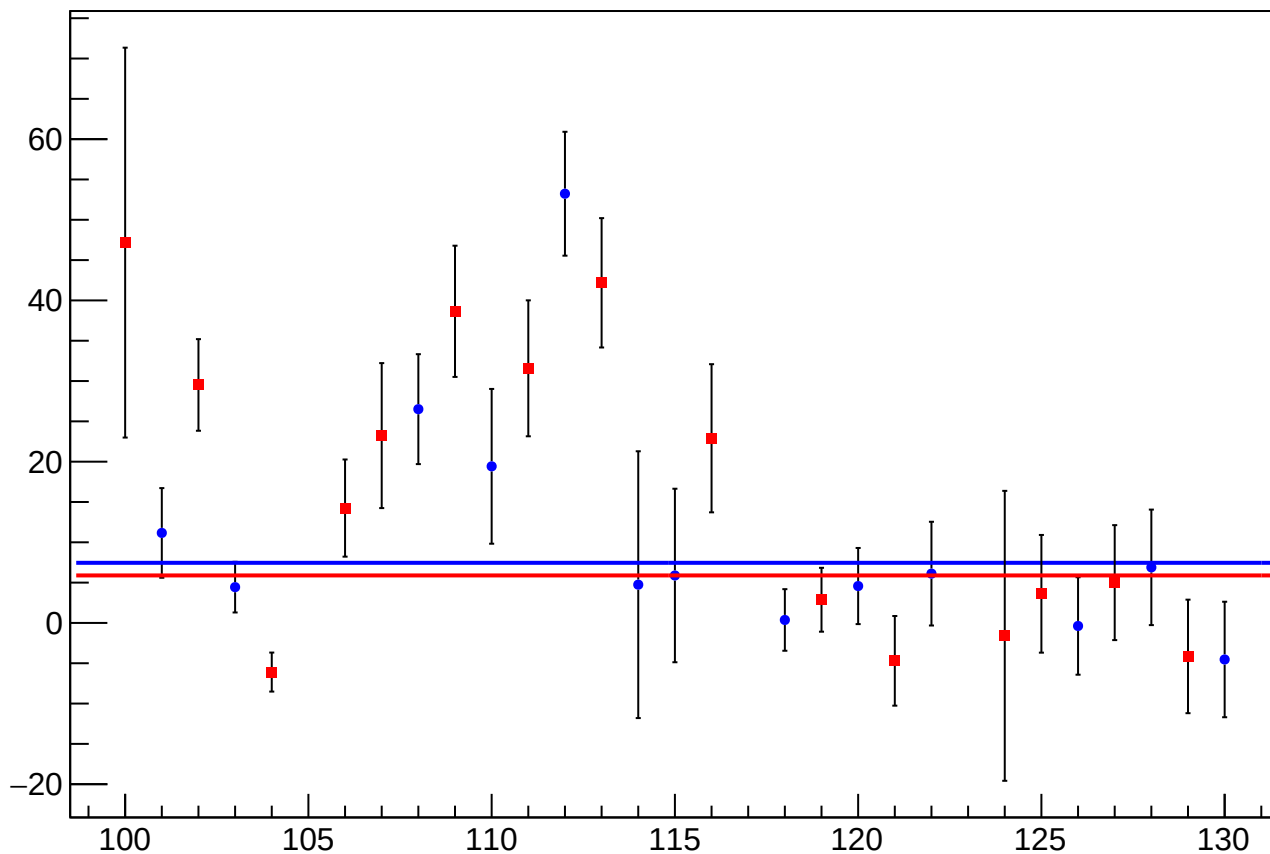
Right: -164.672+/-1.095 χ^2/NDF : 11790.7/27

In: -167.568+/-1.597 χ^2/NDF : 5801.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -164.672+/-1.095 χ^2/NDF : 11790.7/27

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.456+/-1.583 χ^2/NDF : 54.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.891+/-1.478 χ^2/NDF : 106.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

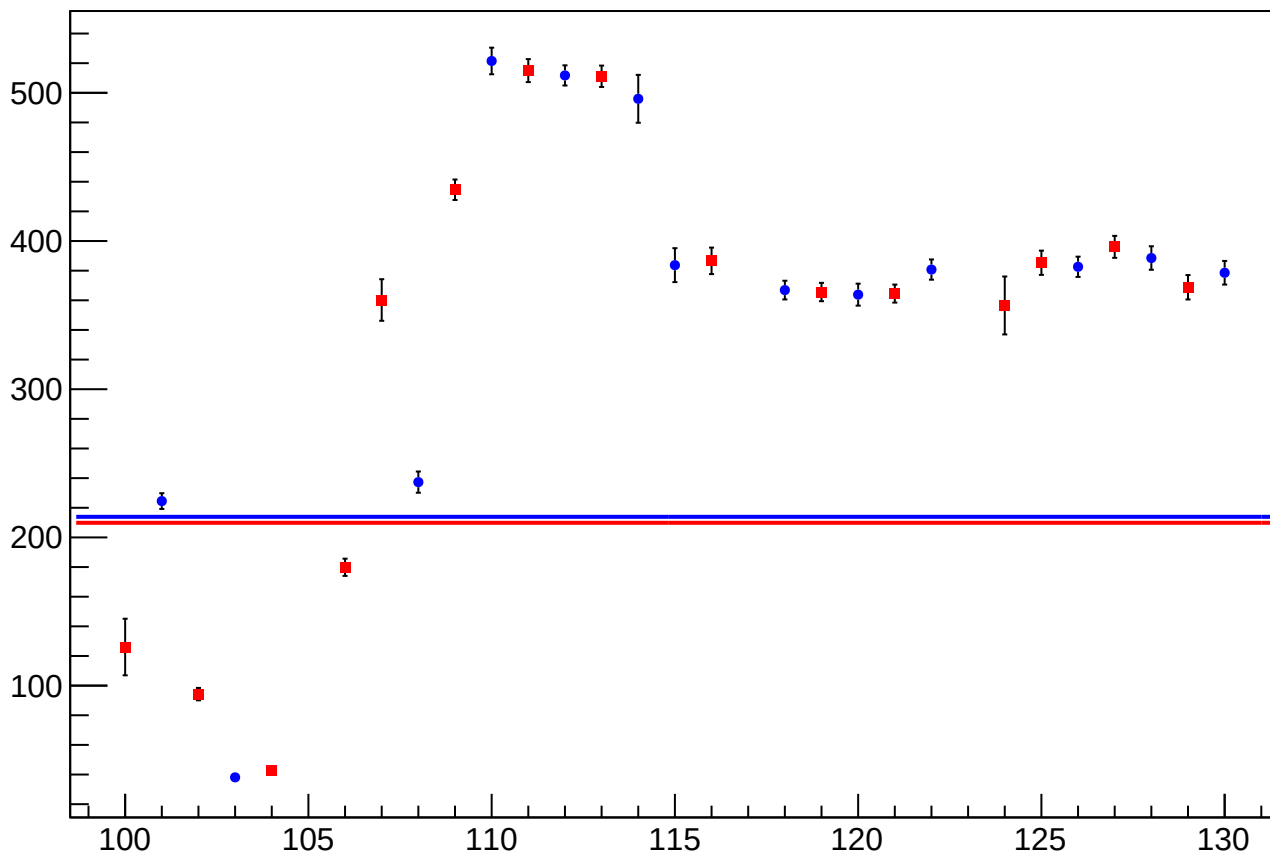
Right: 6.620+/-1.080 χ^2/NDF : 161.5/27

In: 7.456+/-1.583 χ^2/NDF : 54.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.620+/-1.080 χ^2/NDF : 161.5/27

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 213.900+/-1.574 χ^2/NDF : 12475.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 209.870+/-1.517 χ^2/NDF : 13121.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

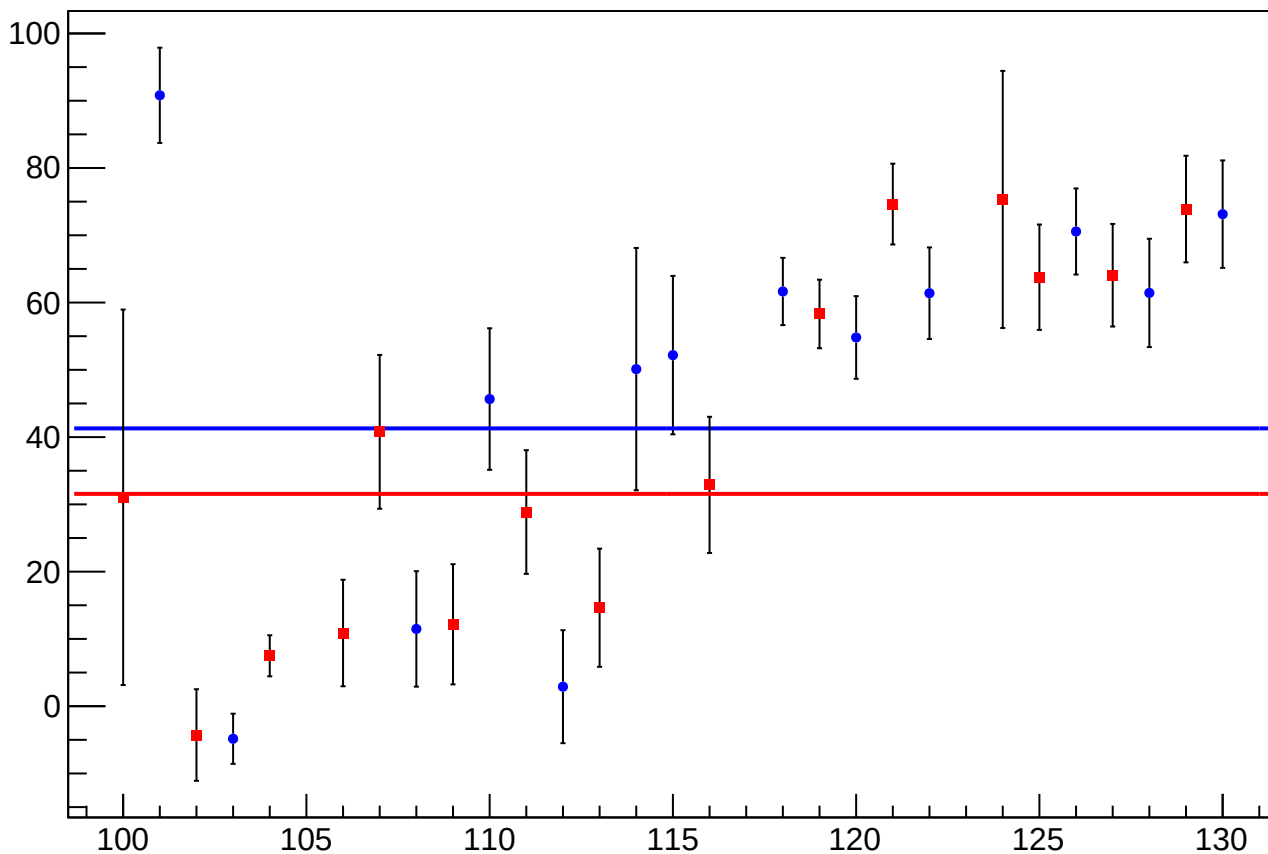
Right: 211.810+/-1.092 χ^2/NDF : 25600.8/27

In: 213.900+/-1.574 χ^2/NDF : 12475.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 211.810+/-1.092 χ^2/NDF : 25600.8/27

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.293+/-1.881 χ^2/NDF : 309.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.560+/-1.769 χ^2/NDF : 254.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

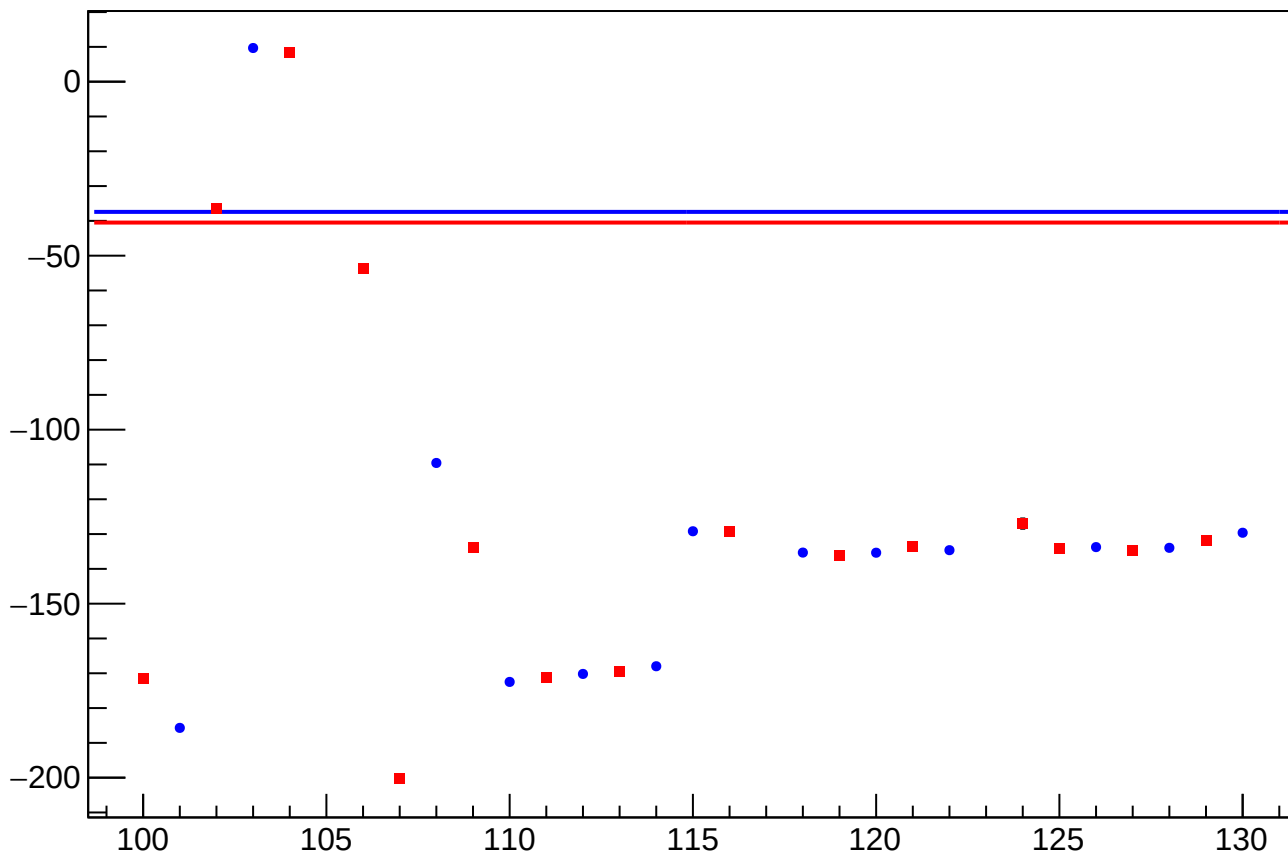
Right: 36.128+/-1.289 χ^2/NDF : 577.6/27

In: 41.293+/-1.881 χ^2/NDF : 309.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.128+/-1.289 χ^2/NDF : 577.6/27

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -37.416+/-0.080 χ^2/NDF : 812252.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -40.486+/-0.081 χ^2/NDF : 577004.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

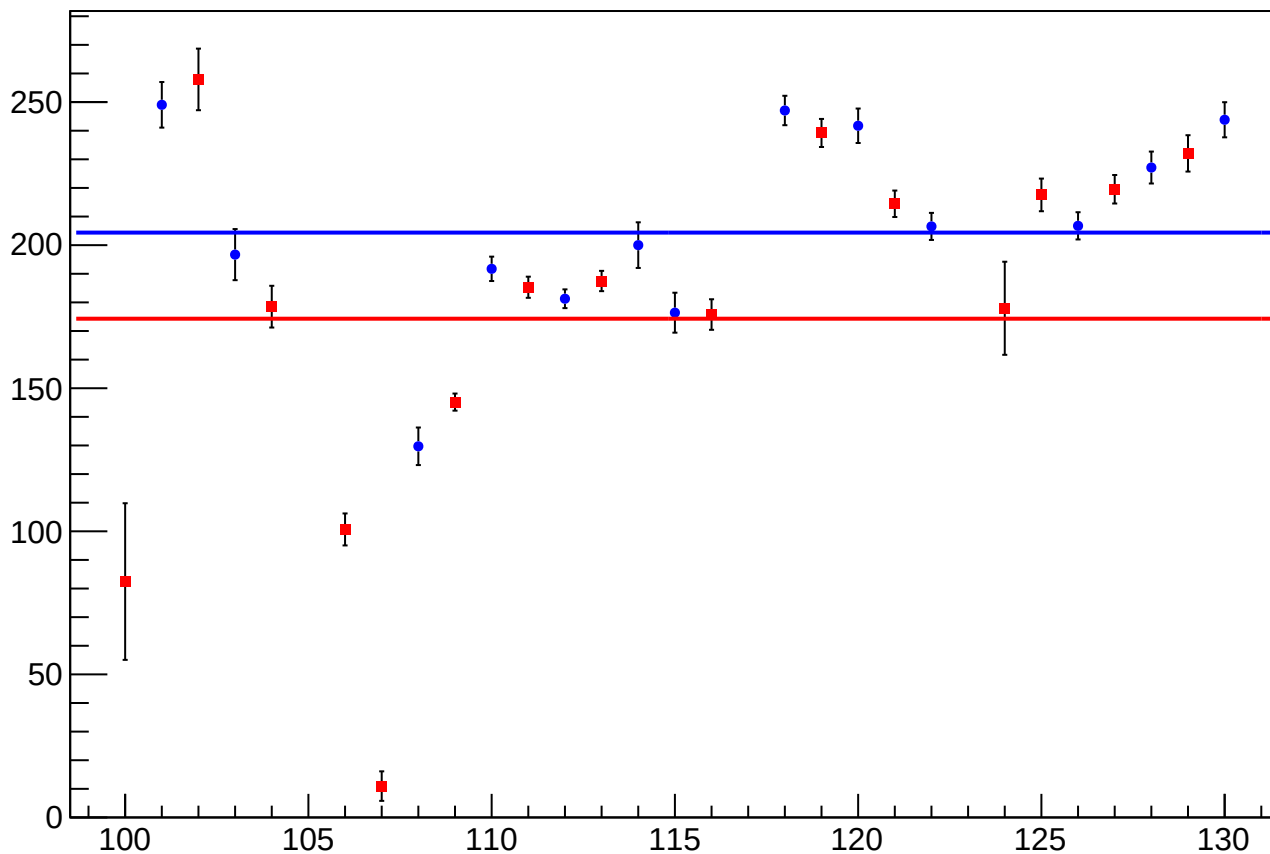
Right: -38.941+/-0.057 χ^2/NDF : 1389984.3/27

In: -37.416+/-0.080 χ^2/NDF :812252.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -38.941+/-0.057 χ^2/NDF : 1389984.3/27

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 204.392 $\pm$ 1.492 χ^2 /NDF: 402.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 174.299 $\pm$ 1.306 χ^2 /NDF: 1839.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

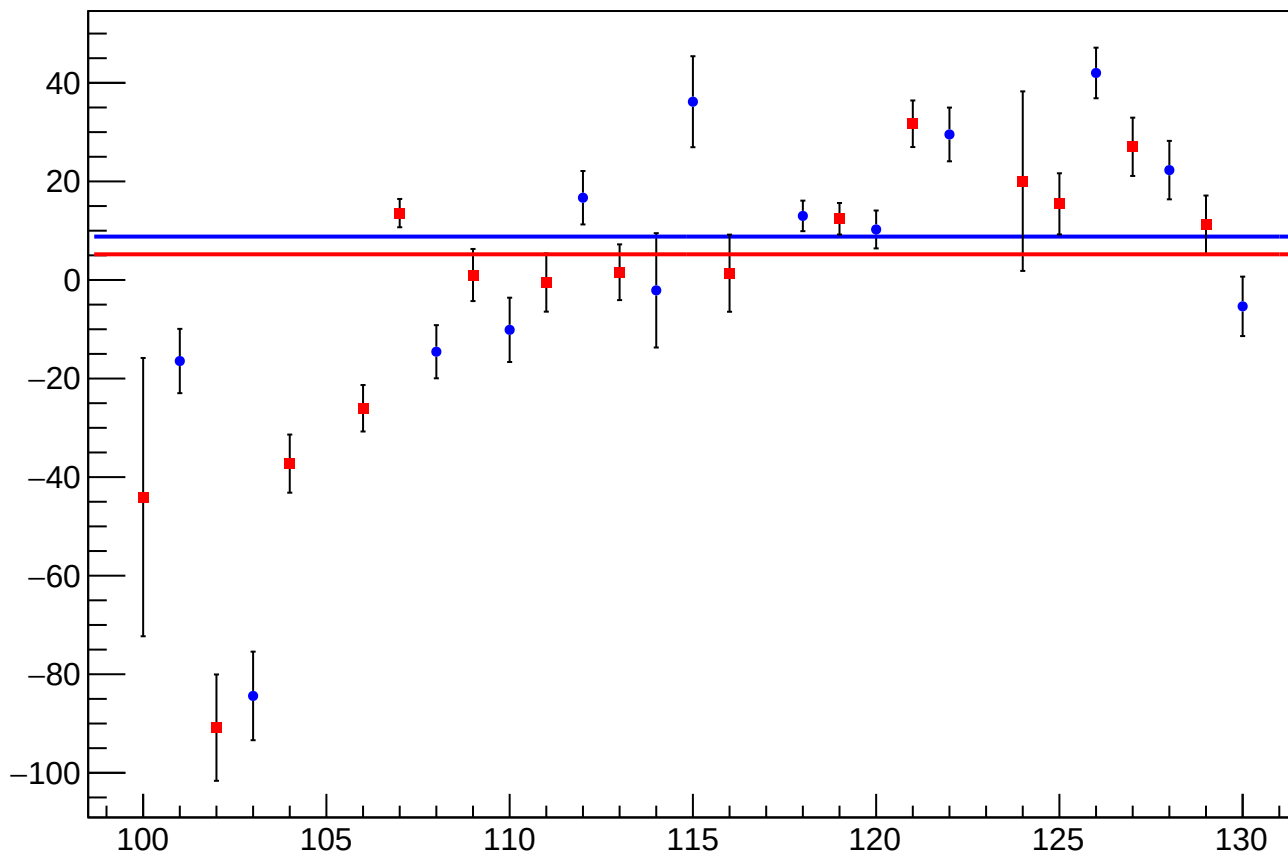
Right: 187.349 $\pm$ 0.983 χ^2 /NDF: 2471.8/27

In: 204.392 $\pm$ 1.492 χ^2 /NDF:402.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 187.349 $\pm$ 0.983 χ^2 /NDF: 2471.8/27

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.805+/-1.497 χ^2/NDF : 230.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.210+/-1.354 χ^2/NDF : 243.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

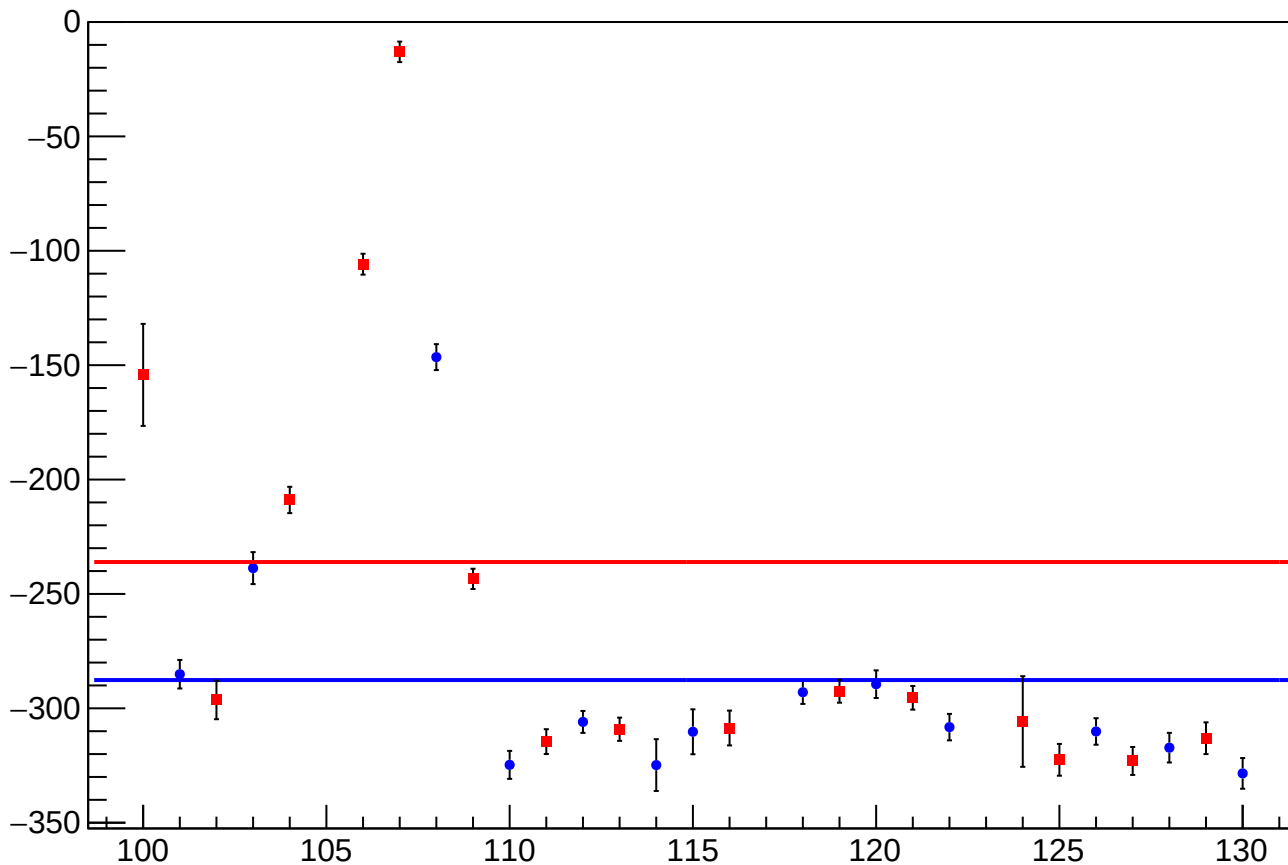
Right: 6.829+/-1.004 χ^2/NDF : 476.9/27

In: 8.805+/-1.497 χ^2/NDF : 230.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.829+/-1.004 χ^2/NDF : 476.9/27

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -287.646+/-1.722 χ^2/NDF : 823.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -236.051+/-1.519 χ^2/NDF : 4644.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

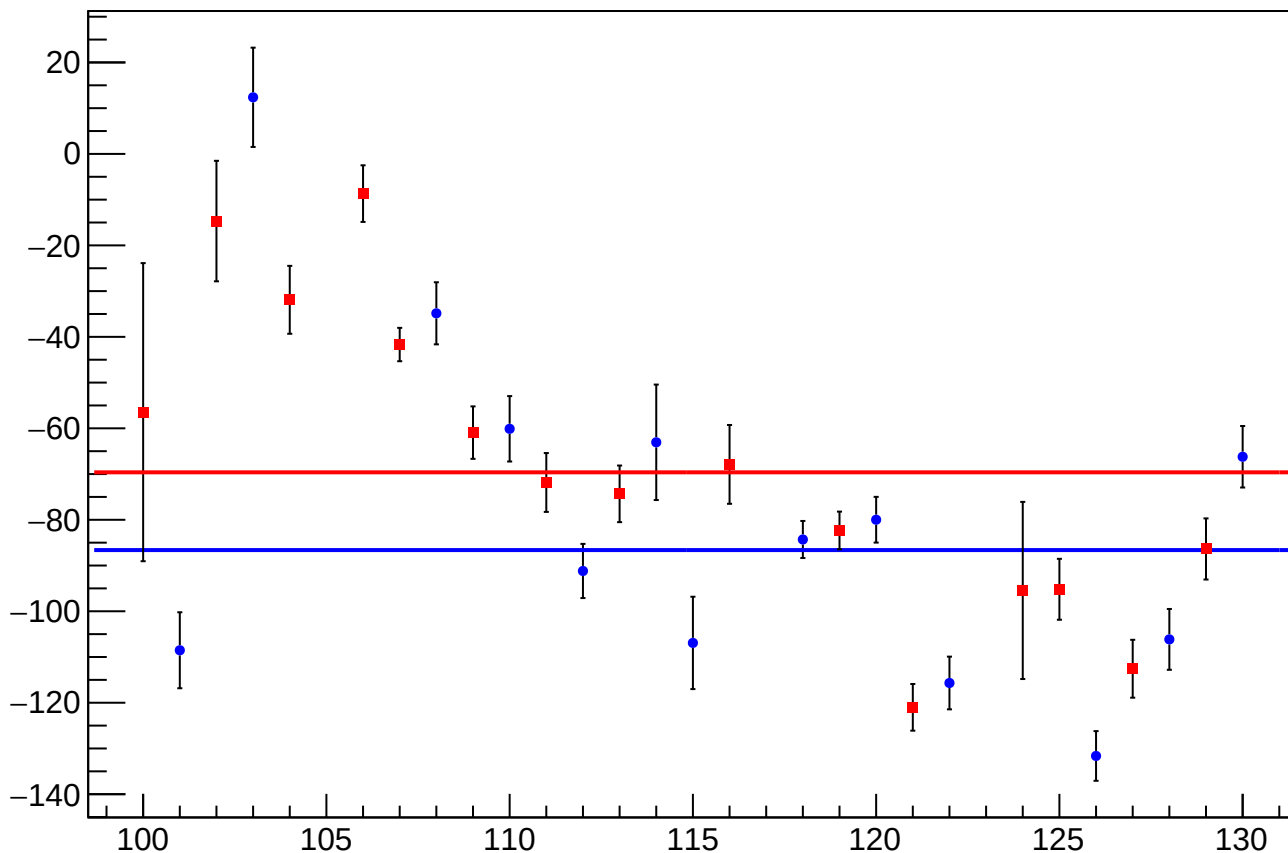
Right: -258.623+/-1.139 χ^2/NDF : 5972.8/27

In: -287.646+/-1.722 χ^2/NDF : 823.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -258.623+/-1.139 χ^2/NDF : 5972.8/27

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -86.621 $\pm$ 1.772 χ^2 /NDF: 284.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -69.622 $\pm$ 1.601 χ^2 /NDF: 381.7/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

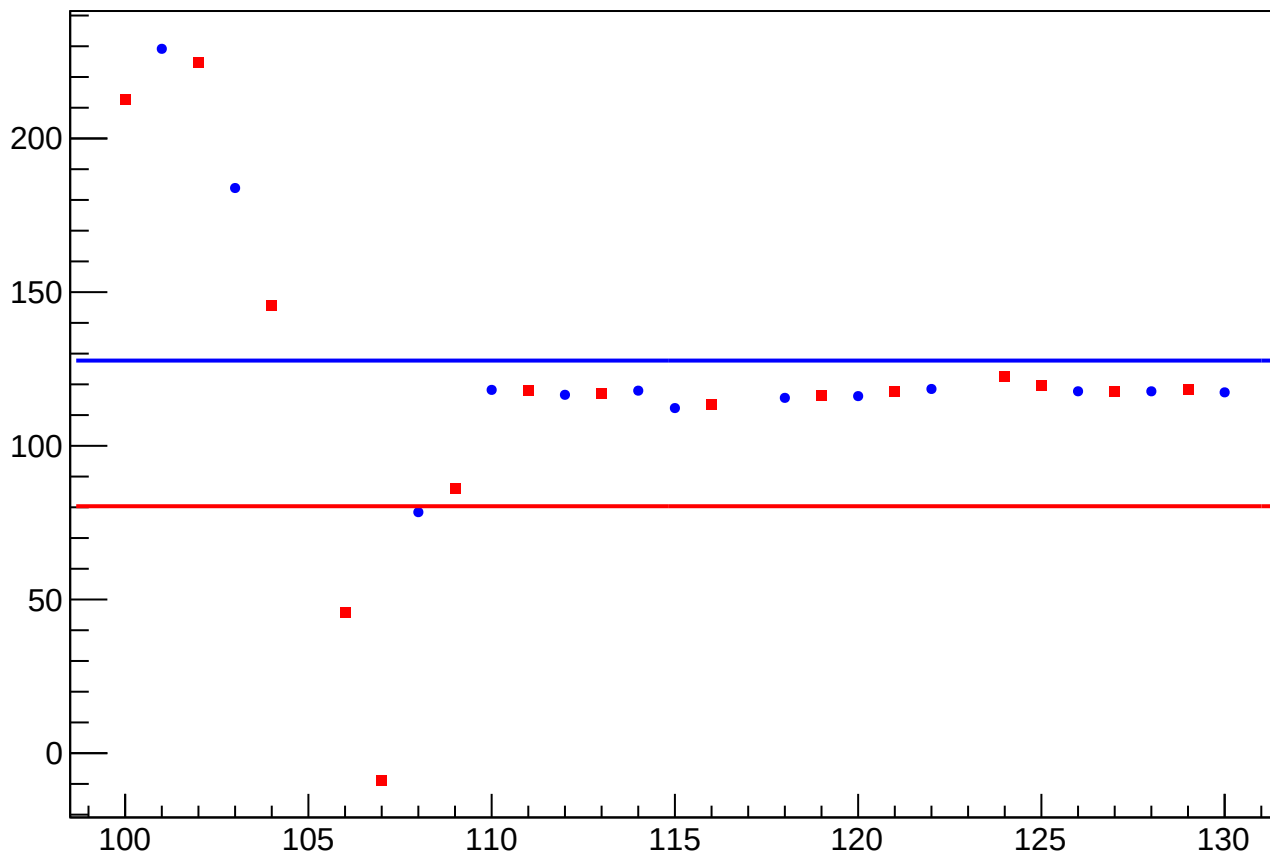
Right: -77.264 $\pm$ 1.188 χ^2 /NDF: 716.6/27

In: -86.621 $\pm$ 1.772 χ^2 /NDF:284.2/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -77.264 $\pm$ 1.188 χ^2 /NDF: 716.6/27

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.736+/-0.113 χ^2/NDF : 159799.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.349+/-0.091 χ^2/NDF : 537019.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

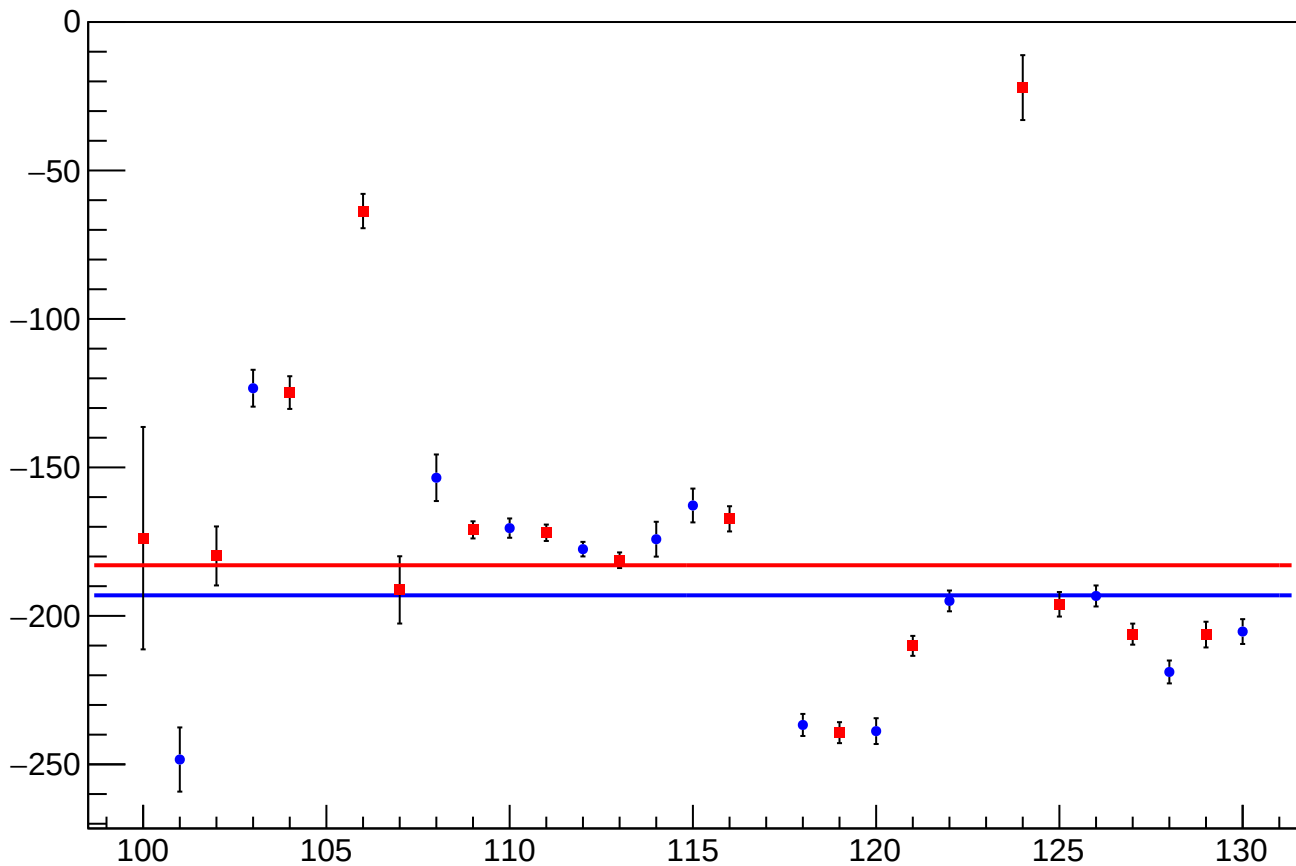
Right: 99.100+/-0.071 χ^2/NDF : 803603.9/27

In: 127.736+/-0.113 χ^2/NDF : 159799.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.100+/-0.071 χ^2/NDF : 803603.9/27

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -193.079 ± 1.130 χ^2/NDF : 607.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -182.951 ± 1.053 χ^2/NDF : 1204.0/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

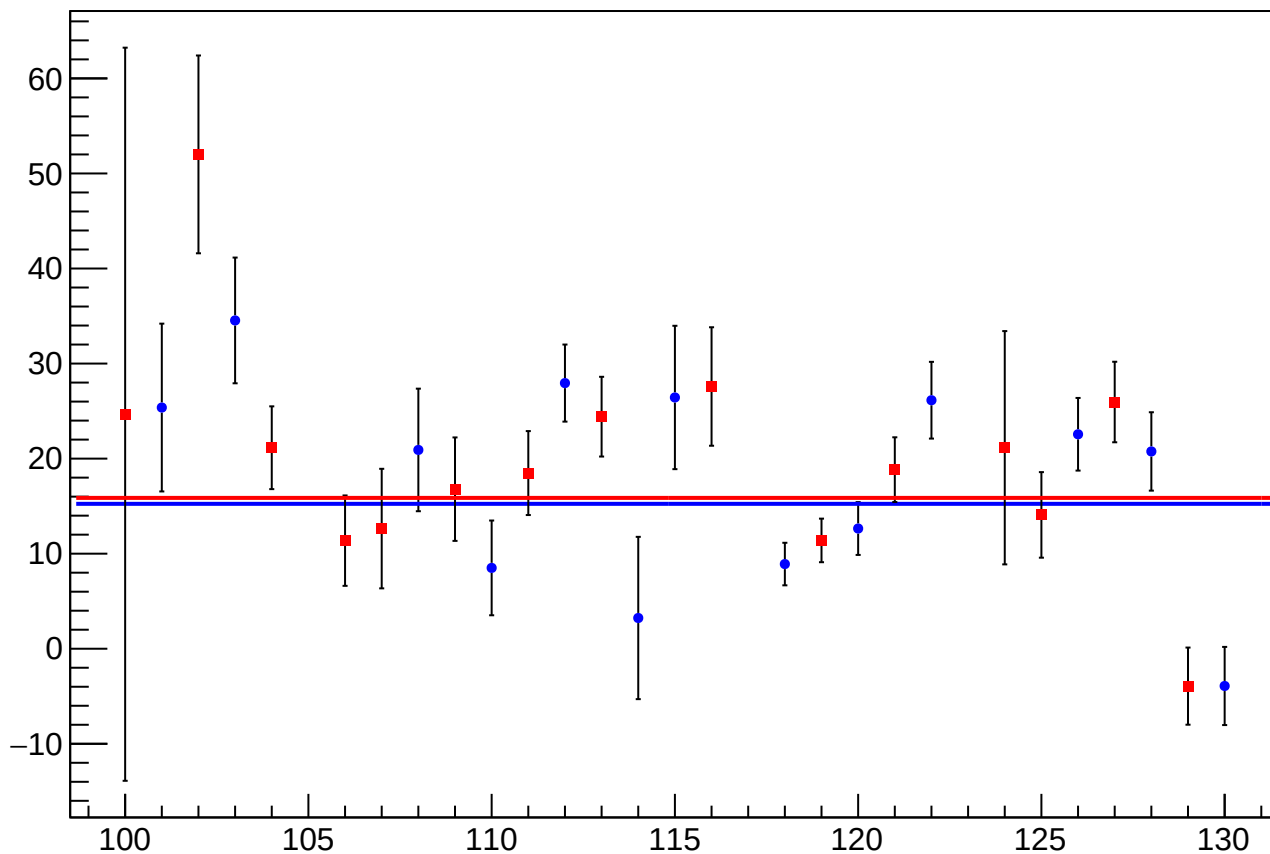
Right: -187.659 ± 0.770 χ^2/NDF : 1854.8/27

In: -193.079 ± 1.130 χ^2/NDF : 607.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -187.659 ± 0.770 χ^2/NDF : 1854.8/27

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.243+/-1.140 χ^2/NDF : 69.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.869+/-1.156 χ^2/NDF : 57.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

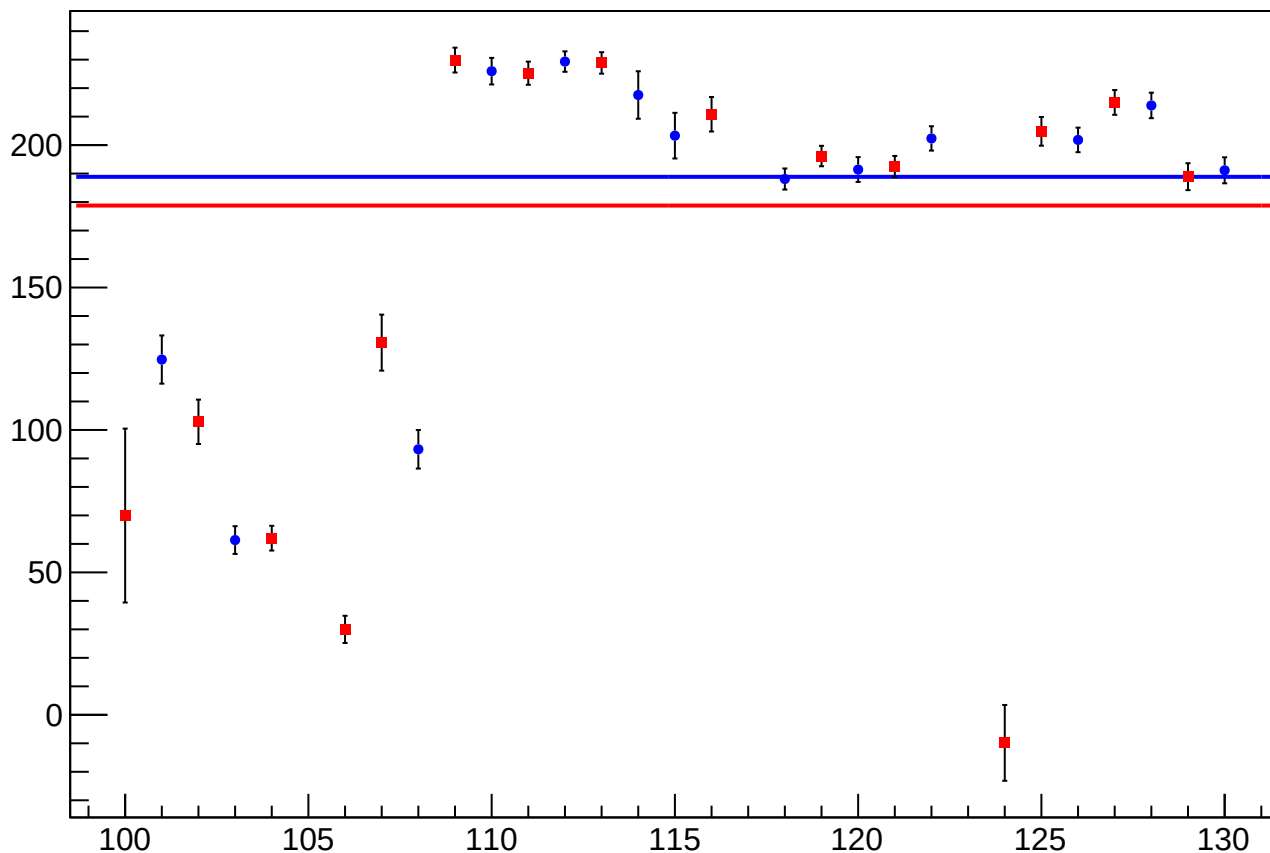
Right: 15.552+/-0.812 χ^2/NDF : 127.1/27

In: 15.243+/-1.140 χ^2/NDF : 69.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.552+/-0.812 χ^2/NDF : 127.1/27

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 188.864+/-1.332 χ^2/NDF : 1198.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 178.773+/-1.261 χ^2/NDF : 2637.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

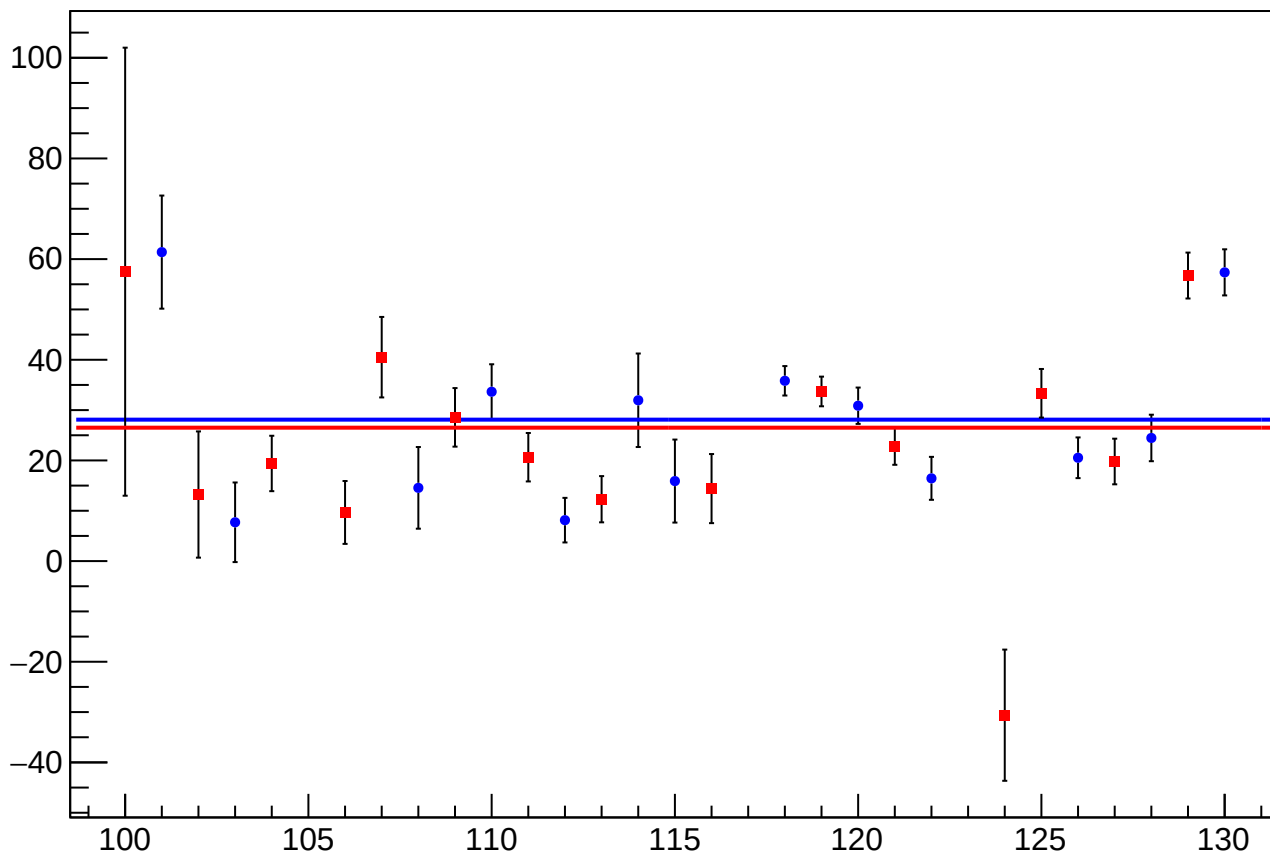
Right: 183.543+/-0.916 χ^2/NDF : 3866.5/27

In: 188.864+/-1.332 χ^2/NDF : 1198.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.543+/-0.916 χ^2/NDF : 3866.5/27

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.103+/-1.343 χ^2/NDF : 101.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.507+/-1.340 χ^2/NDF : 102.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

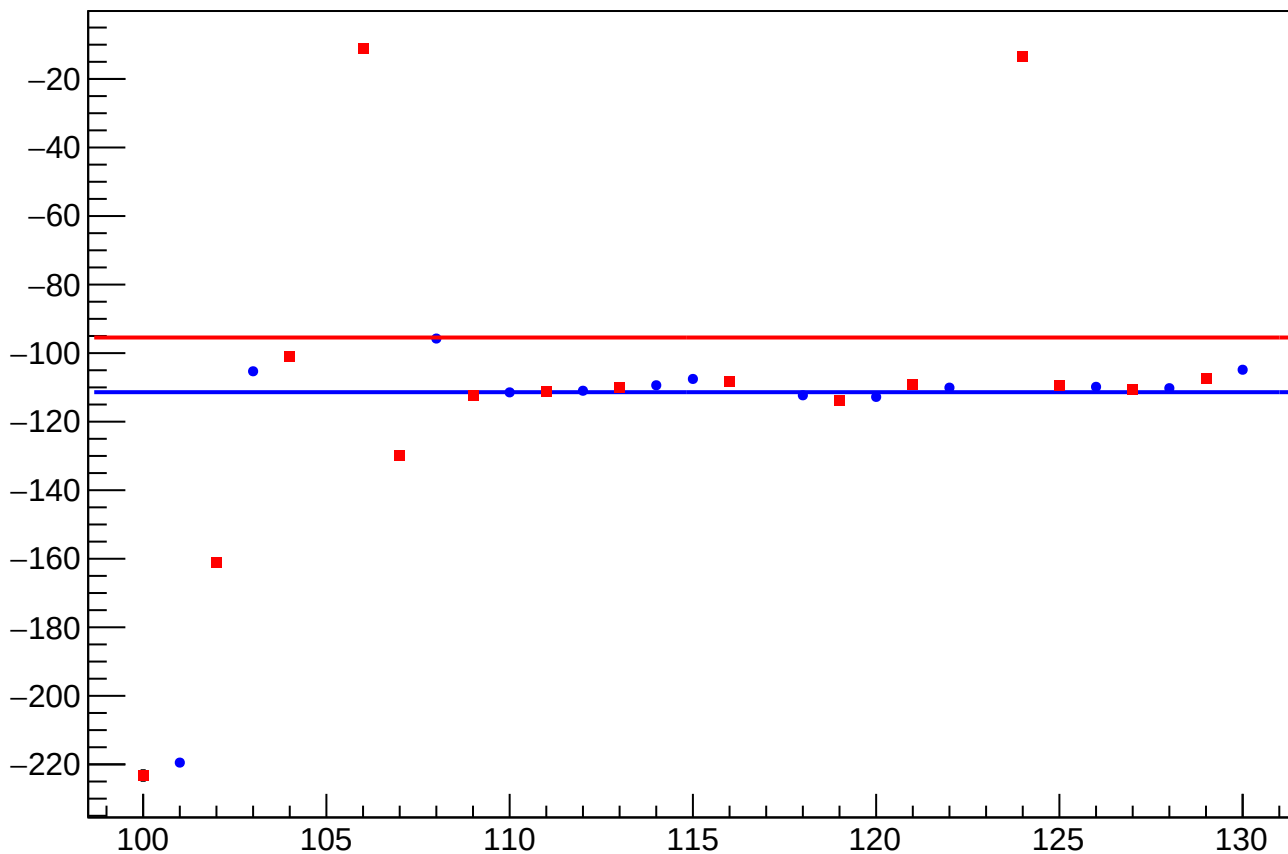
Right: 27.303+/-0.949 χ^2/NDF : 204.8/27

In: 28.103+/-1.343 χ^2/NDF : 101.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.303+/-0.949 χ^2/NDF : 204.8/27

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -111.397 $\pm$ 0.092 χ^2 /NDF: 50760.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -95.445 $\pm$ 0.083 χ^2 /NDF: 257258.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

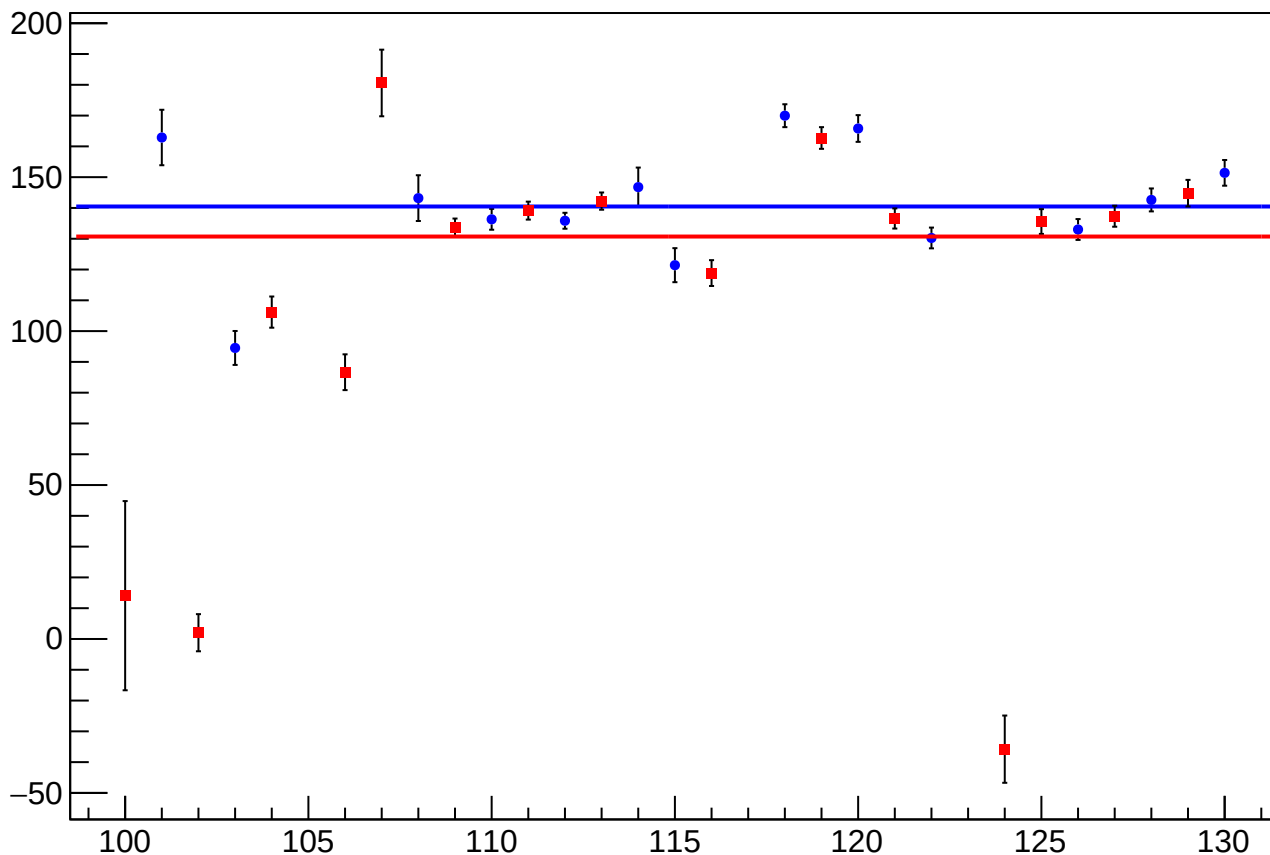
Right: -102.640 $\pm$ 0.062 χ^2 /NDF: 324586.7/27

In: -111.397 $\pm$ 0.092 χ^2 /NDF: 50760.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -102.640 $\pm$ 0.062 χ^2 /NDF: 324586.7/27

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 140.474+/-1.127 χ^2/NDF : 211.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 130.715+/-1.047 χ^2/NDF : 940.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

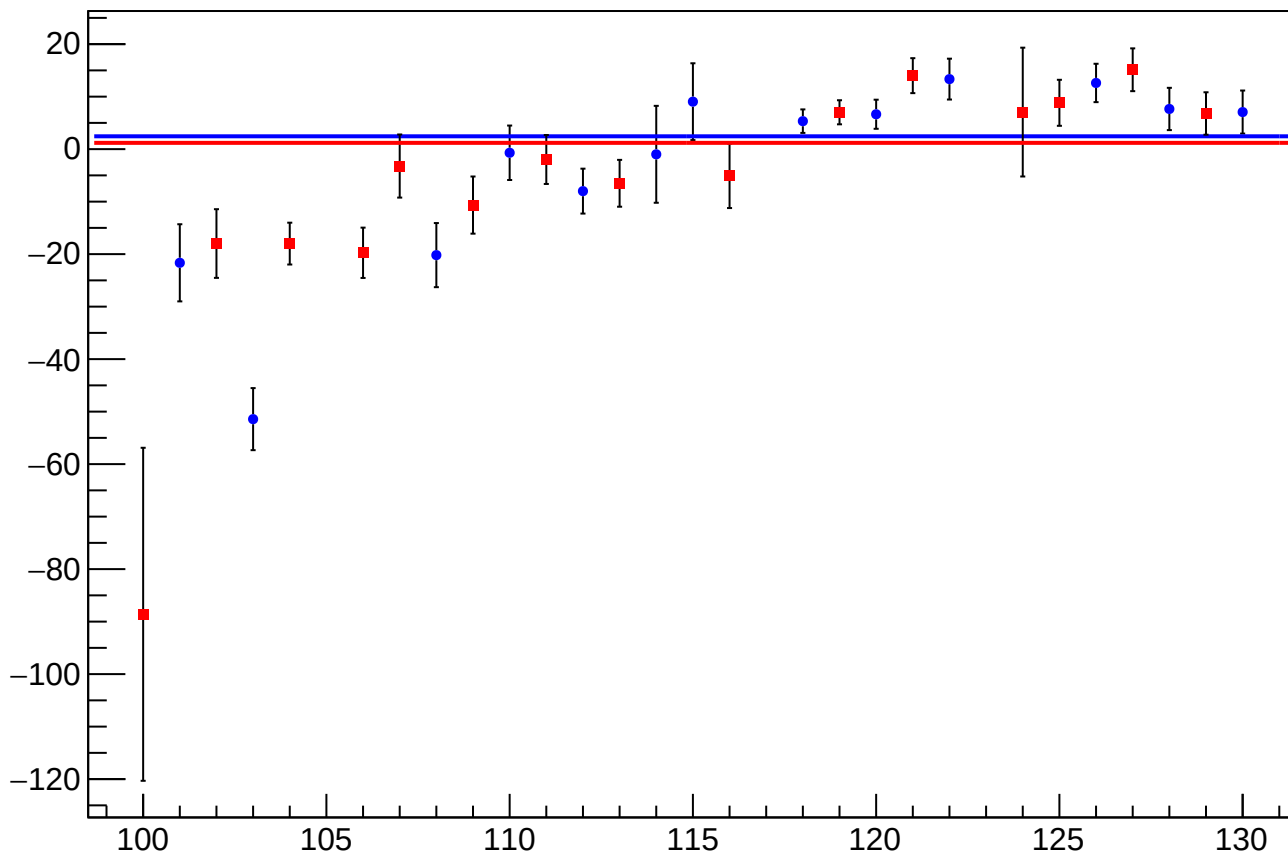
Right: 135.238+/-0.767 χ^2/NDF : 1191.9/27

In: 140.474+/-1.127 χ^2/NDF :211.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 135.238+/-0.767 χ^2/NDF : 1191.9/27

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444+/-1.127 χ^2/NDF : 137.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.197+/-1.136 χ^2/NDF : 106.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

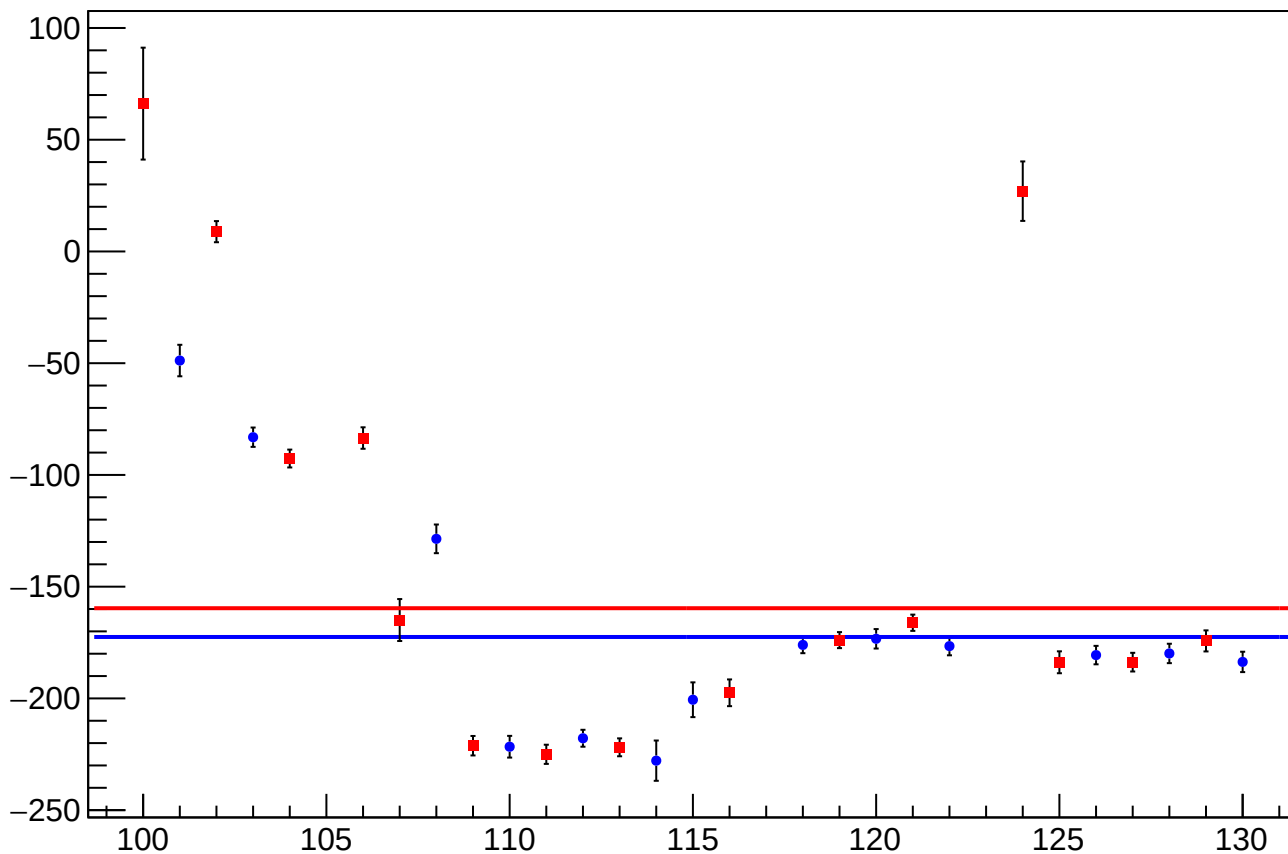
Right: 1.825+/-0.800 χ^2/NDF : 244.6/27

In: 2.444+/-1.127 χ^2/NDF : 137.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.825+/-0.800 χ^2/NDF : 244.6/27

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -172.512+/-1.309 χ^2/NDF : 1093.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -159.639+/-1.227 χ^2/NDF : 2879.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

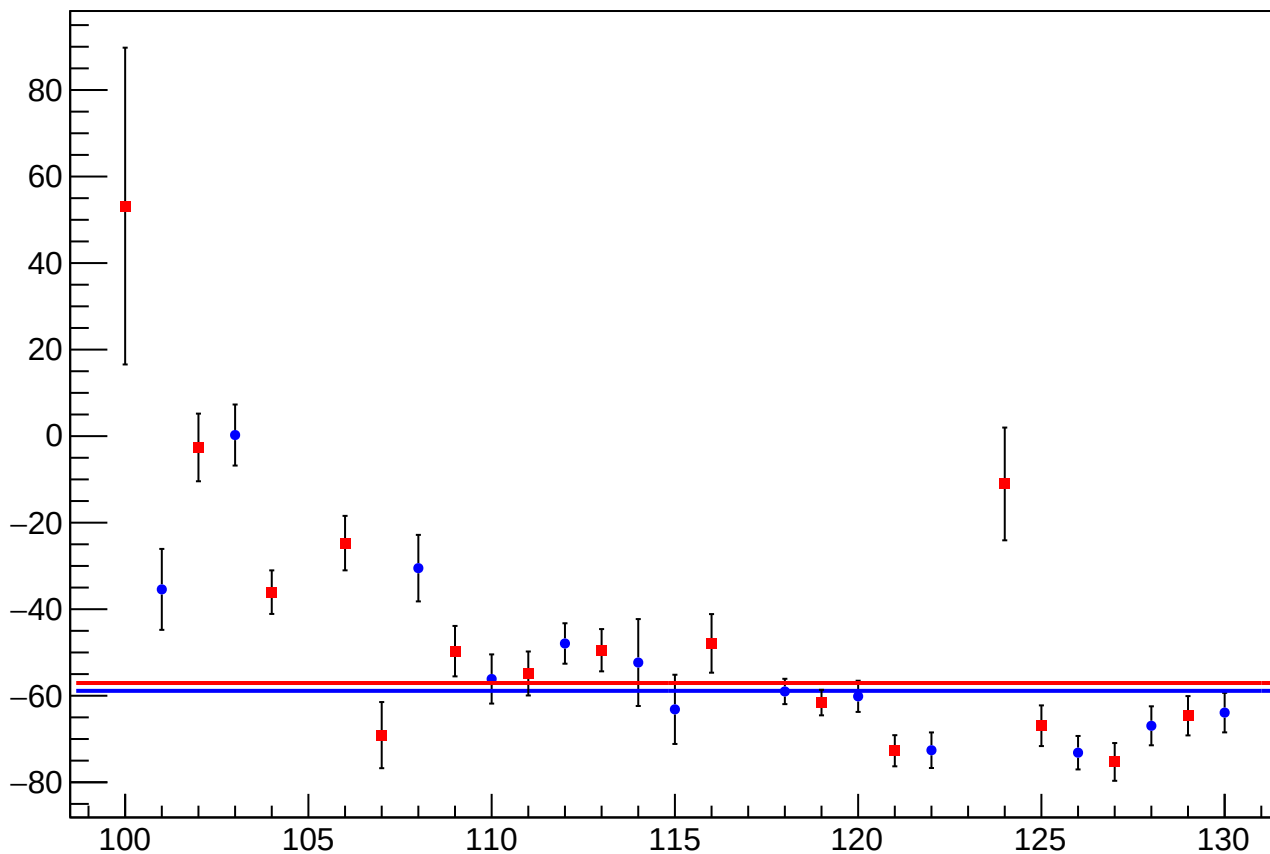
Right: -165.660+/-0.895 χ^2/NDF : 4023.9/27

In: -172.512+/-1.309 χ^2/NDF : 1093.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -165.660+/-0.895 χ^2/NDF : 4023.9/27

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -58.870 $\pm$ 1.327 χ^2 /NDF: 125.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -57.056 $\pm$ 1.319 χ^2 /NDF: 168.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

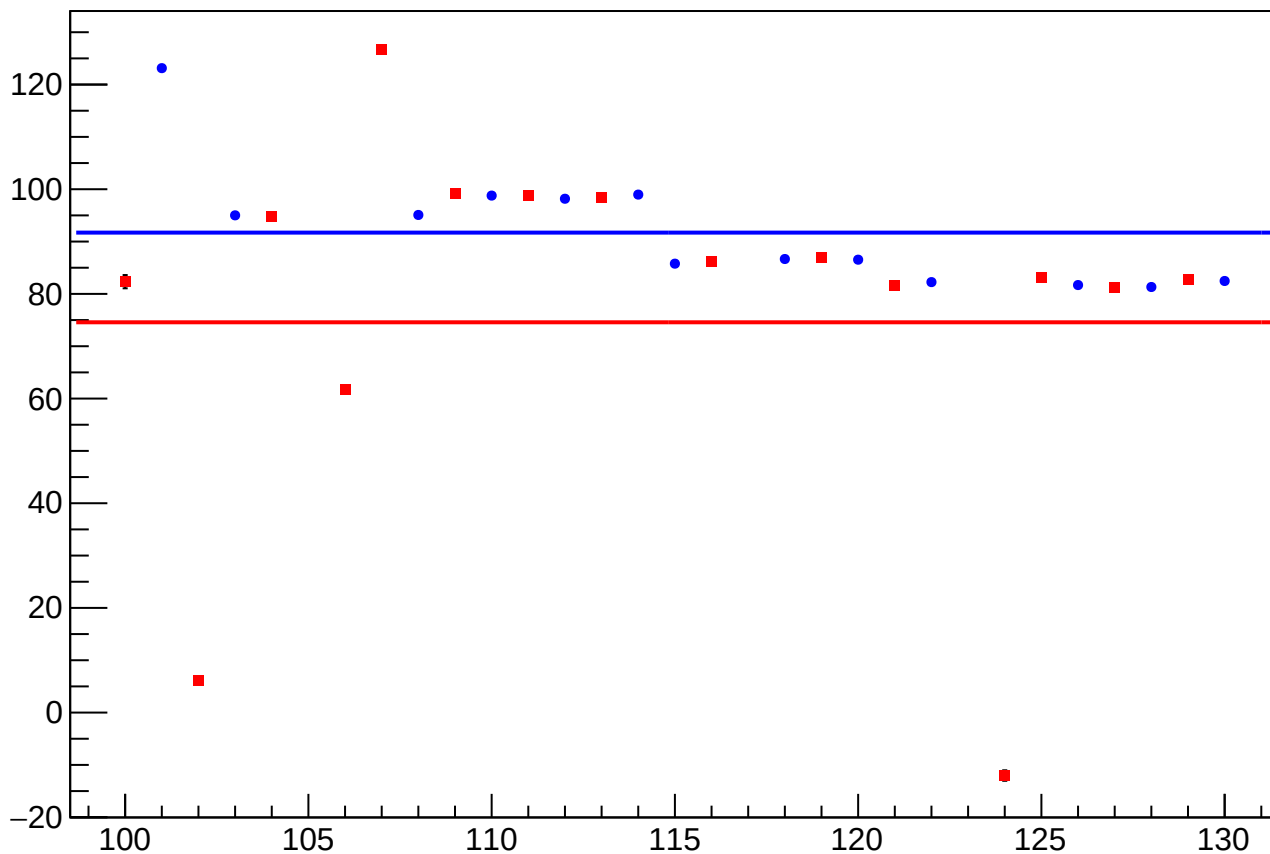
Right: -57.957 $\pm$ 0.936 χ^2 /NDF: 295.1/27

In: -58.870 $\pm$ 1.327 χ^2 /NDF:125.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -57.957 $\pm$ 0.936 χ^2 /NDF: 295.1/27

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 91.710 $\pm$ 0.088 χ^2 /NDF: 11021.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 74.574 $\pm$ 0.078 χ^2 /NDF: 177501.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

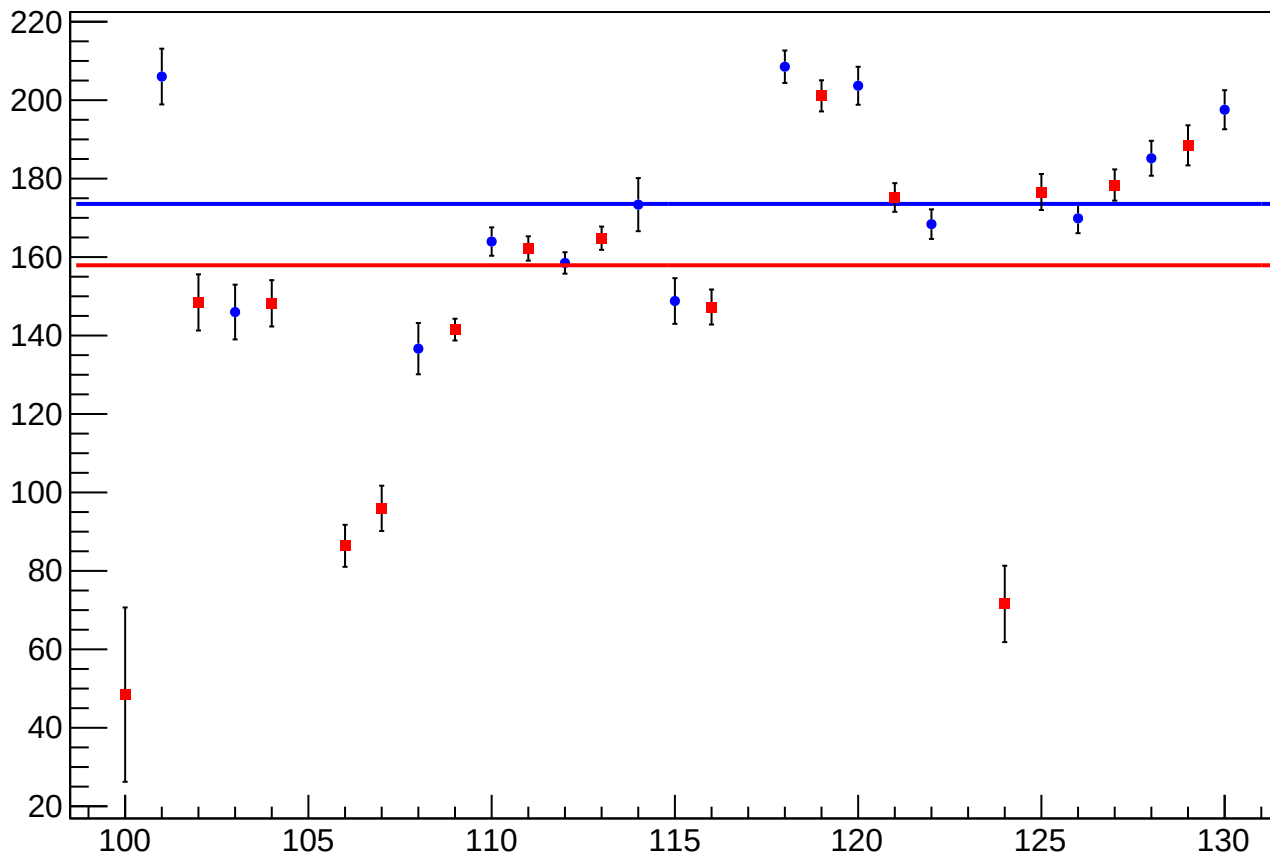
Right: 82.095 $\pm$ 0.058 χ^2 /NDF: 209682.4/27

In: 91.710 $\pm$ 0.088 χ^2 /NDF:11021.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 82.095 $\pm$ 0.058 χ^2 /NDF: 209682.4/27

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 173.556+/-1.233 χ^2/NDF : 267.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.911+/-1.111 χ^2/NDF : 668.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

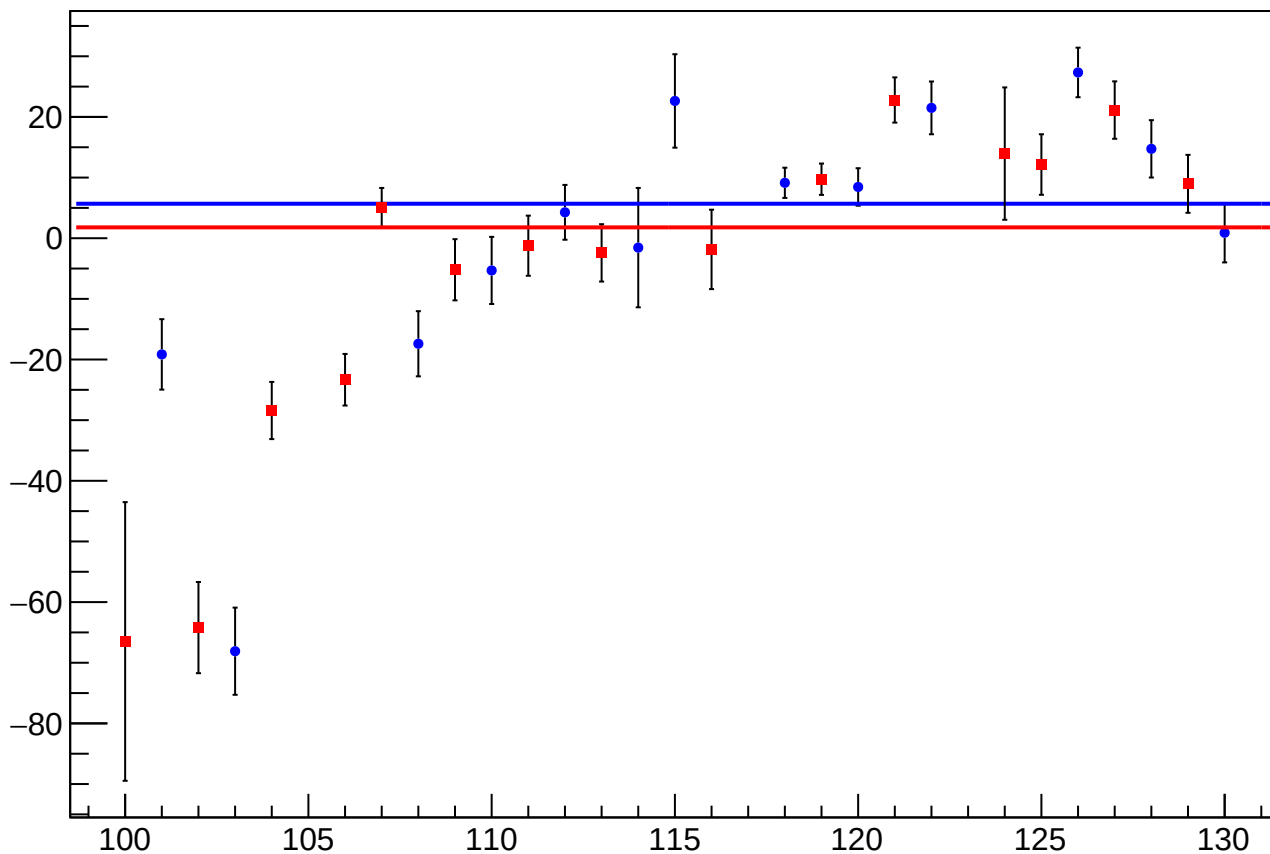
Right: 164.918+/-0.825 χ^2/NDF : 1024.7/27

In: 173.556+/-1.233 χ^2/NDF : 267.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.918+/-0.825 χ^2/NDF : 1024.7/27

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.686+/-1.233 χ^2/NDF : 200.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.788+/-1.176 χ^2/NDF : 231.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

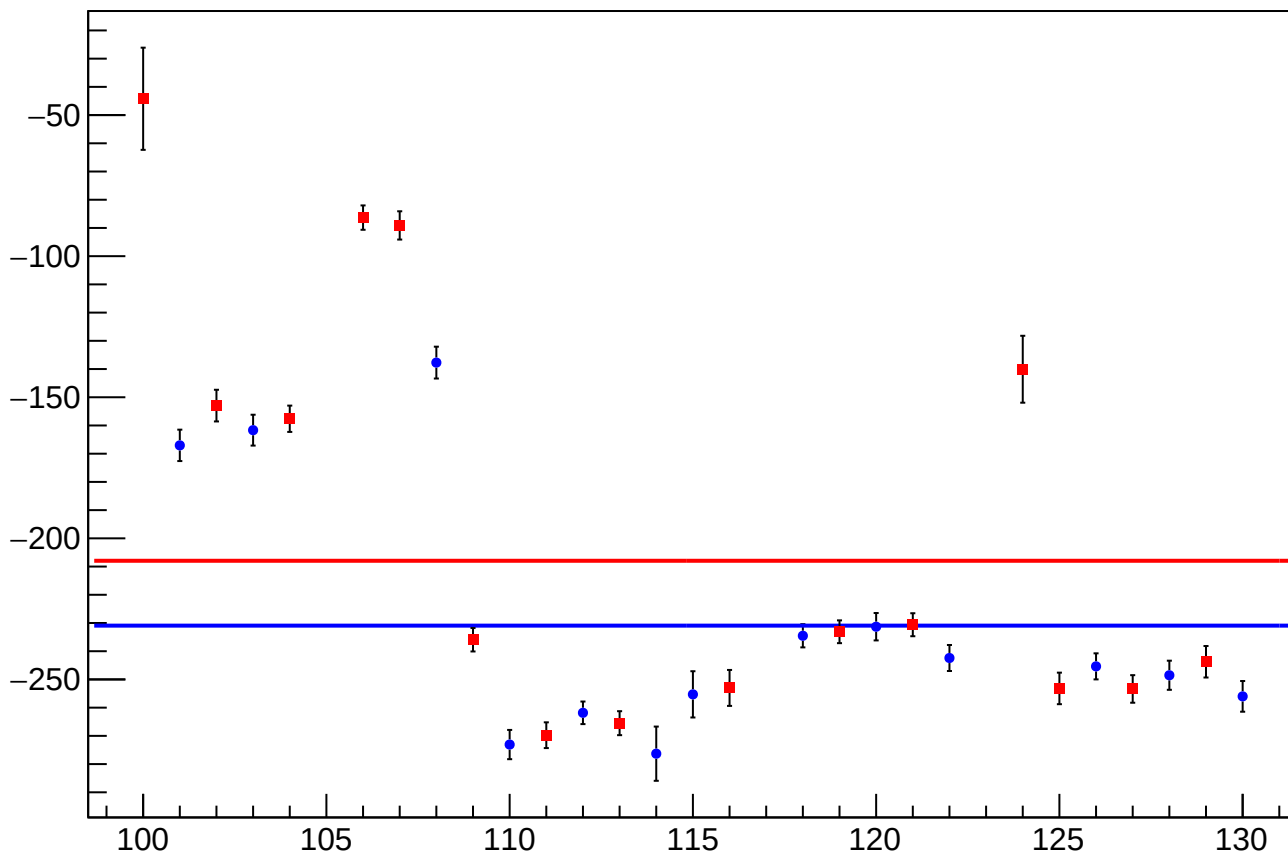
Right: 3.645+/-0.851 χ^2/NDF : 437.3/27

In: 5.686+/-1.233 χ^2/NDF :200.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3.645+/-0.851 χ^2/NDF : 437.3/27

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -230.933+/-1.429 χ^2/NDF : 771.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -207.948+/-1.296 χ^2/NDF : 2409.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

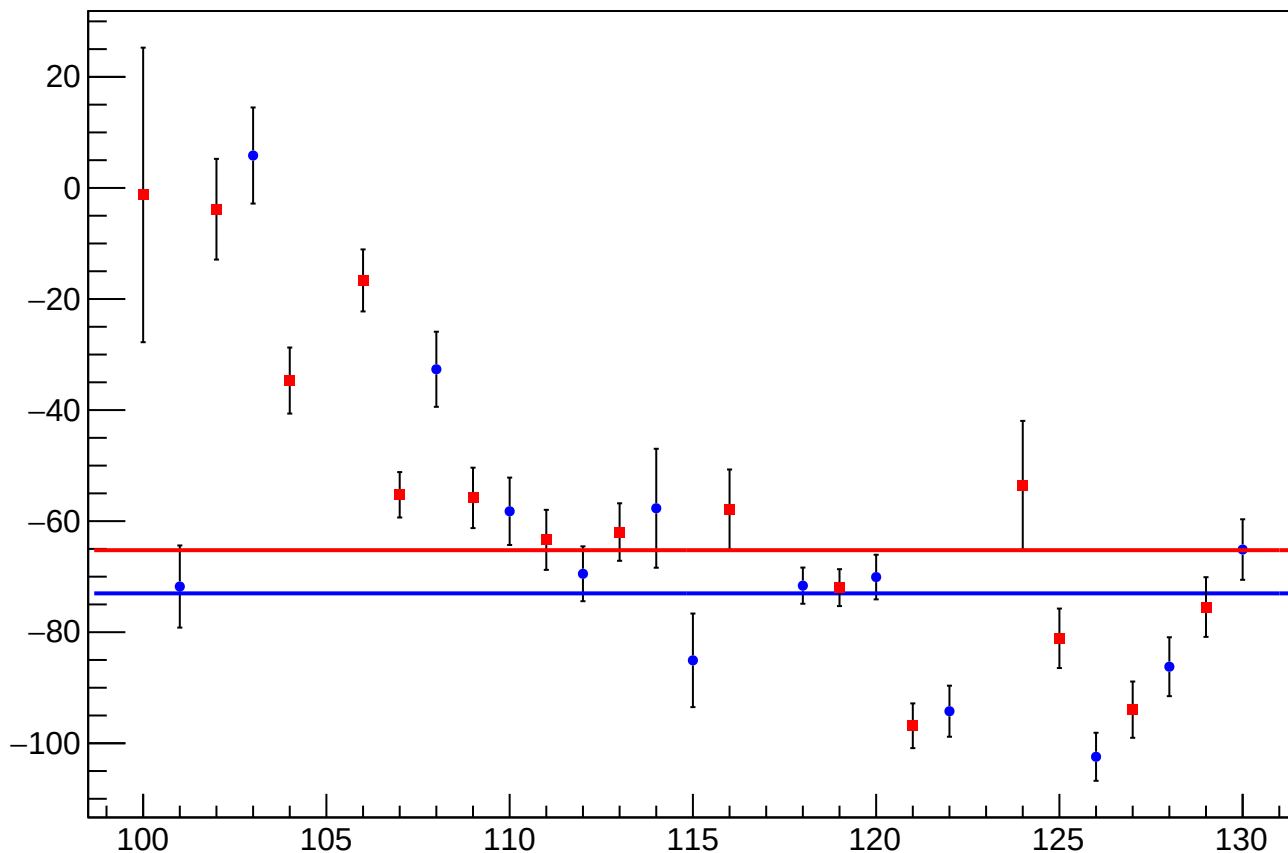
Right: -218.319+/-0.960 χ^2/NDF : 3323.3/27

In: -230.933+/-1.429 χ^2/NDF :771.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -218.319+/-0.960 χ^2/NDF : 3323.3/27

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -73.008 ± 1.458 χ^2/NDF : 205.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -65.231 ± 1.378 χ^2/NDF : 275.5/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

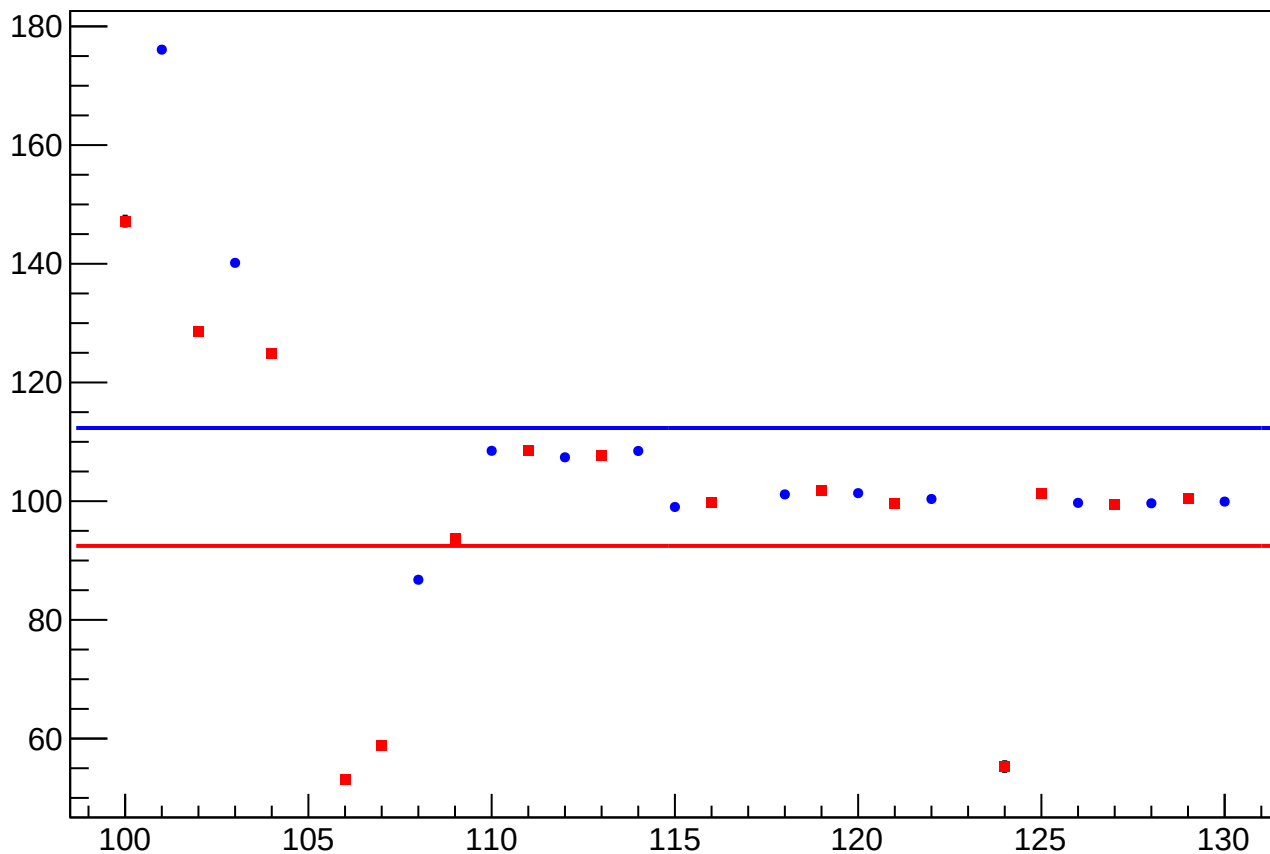
Right: -68.902 ± 1.002 χ^2/NDF : 496.3/27

In: -73.008 ± 1.458 χ^2/NDF : 205.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -68.902 ± 1.002 χ^2/NDF : 496.3/27

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 112.329+/-0.096 χ^2/NDF : 70568.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.464+/-0.080 χ^2/NDF : 123090.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

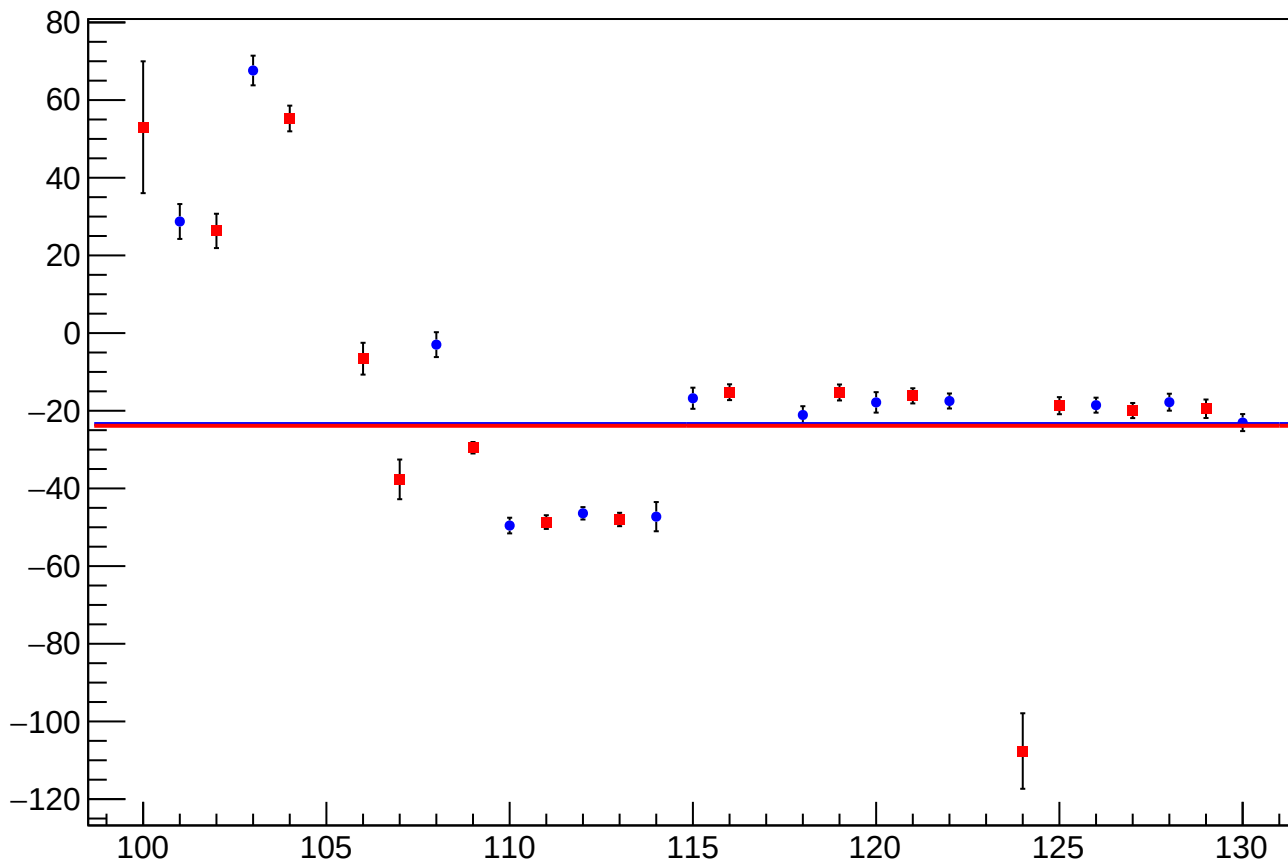
Right: 100.614+/-0.061 χ^2/NDF : 219099.1/27

In: 112.329+/-0.096 χ^2/NDF : 70568.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.614+/-0.061 χ^2/NDF : 219099.1/27

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -23.426 $\pm$ 0.652 χ^2 /NDF: 1192.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -23.865 $\pm$ 0.602 χ^2 /NDF: 1292.7/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

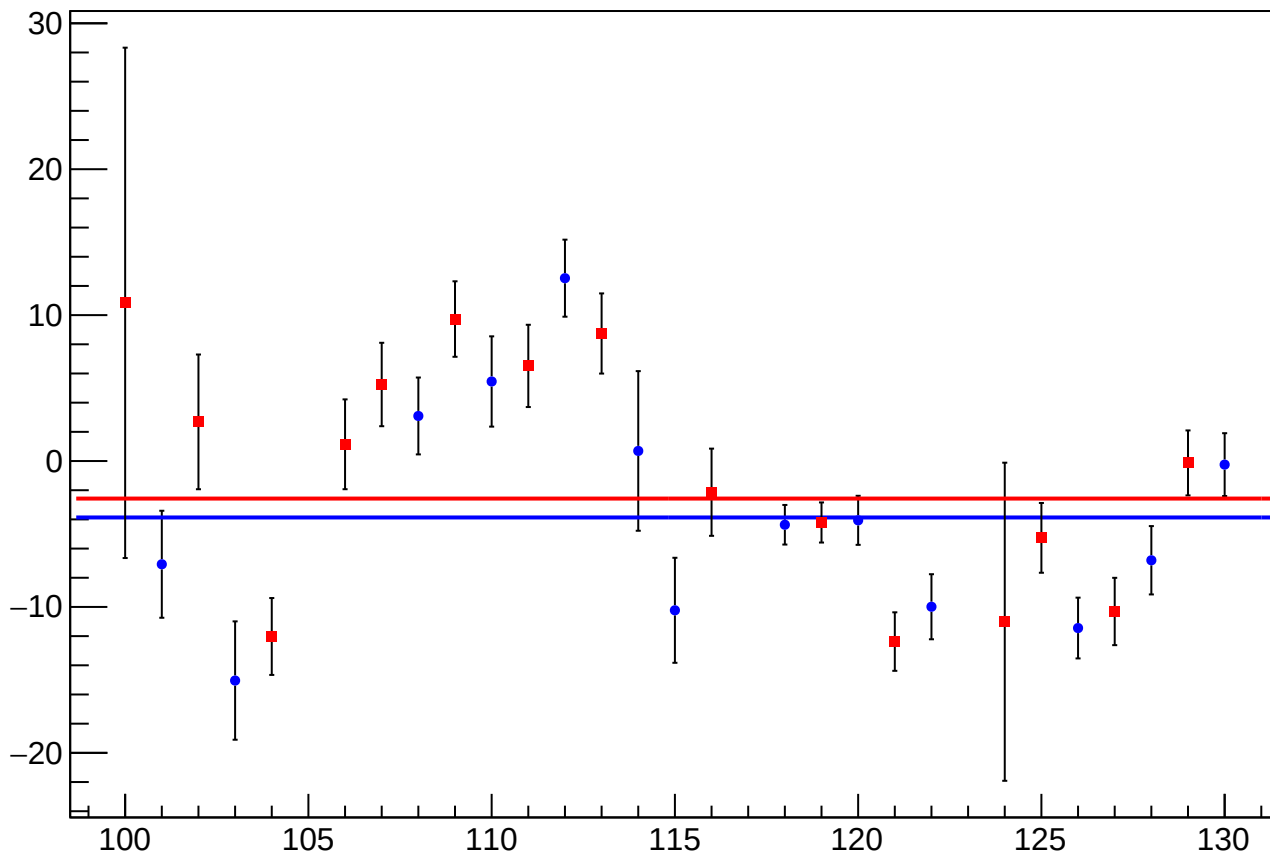
Right: -23.663 $\pm$ 0.442 χ^2 /NDF: 2485.9/27

In: -23.426 $\pm$ 0.652 χ^2 /NDF:1192.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -23.663 $\pm$ 0.442 χ^2 /NDF: 2485.9/27

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.868 ± 0.650 χ^2/NDF : 92.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.573 ± 0.660 χ^2/NDF : 113.3/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

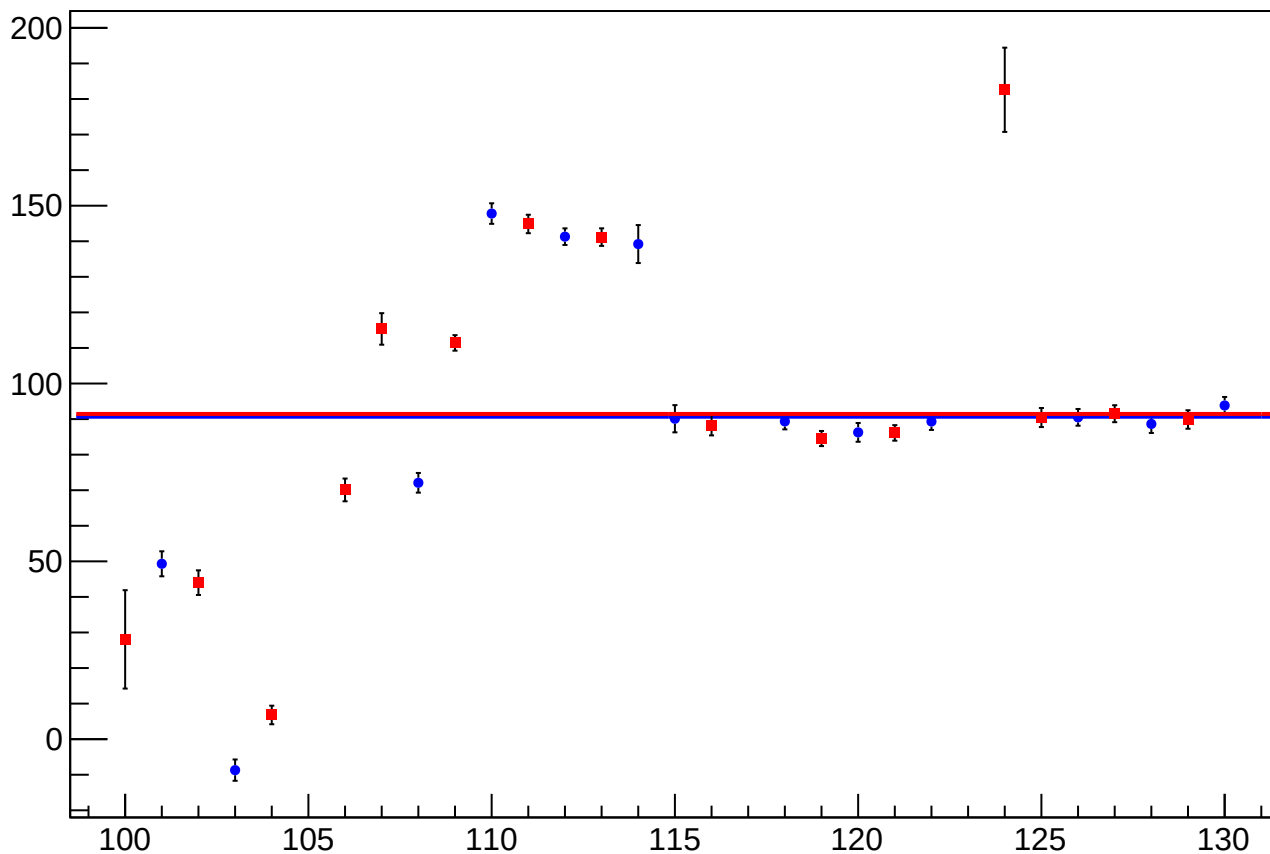
Right: -3.230 ± 0.463 χ^2/NDF : 207.4/27

In: -3.868 ± 0.650 χ^2/NDF : 92.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.230 ± 0.463 χ^2/NDF : 207.4/27

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 90.672 $\pm$ 0.754 χ^2 /NDF: 2231.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 91.444 $\pm$ 0.720 χ^2 /NDF: 2325.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

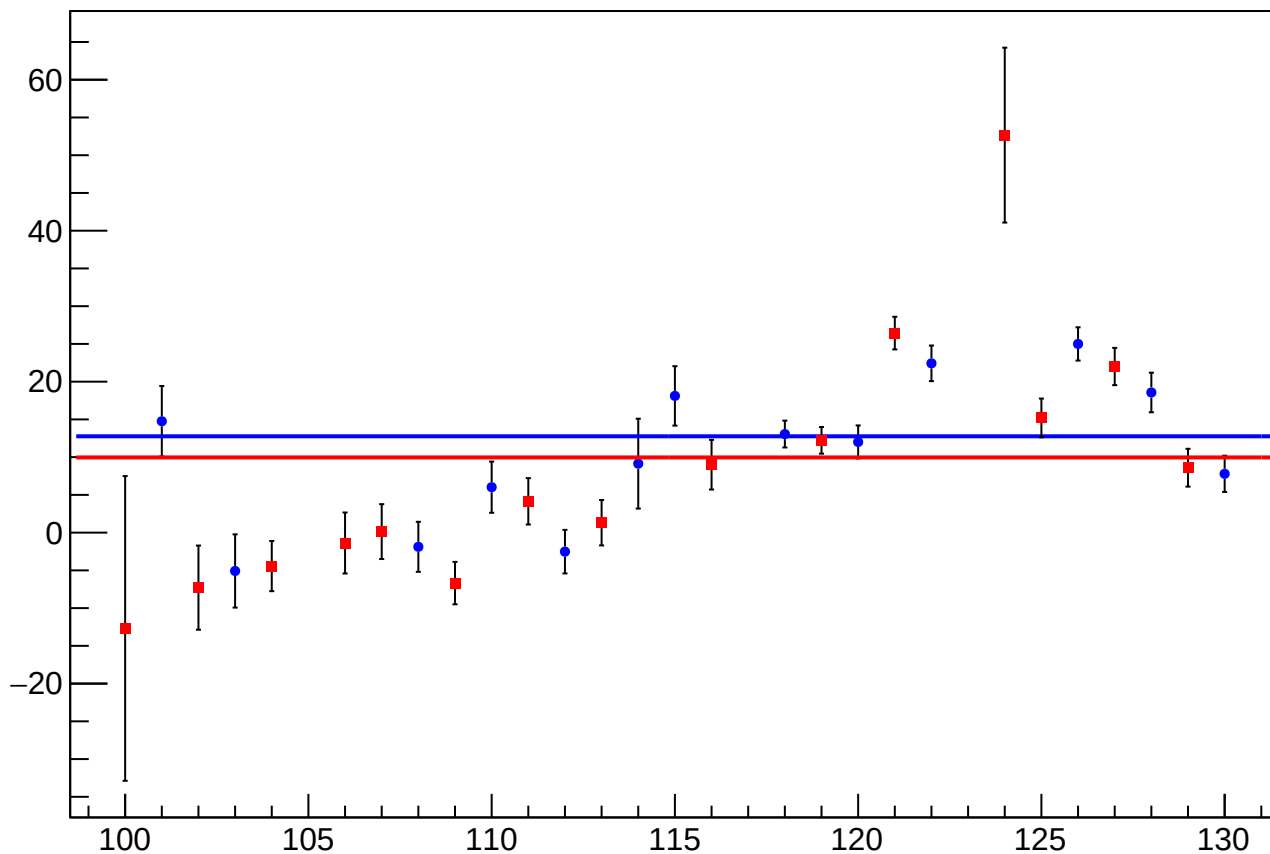
Right: 91.076 $\pm$ 0.521 χ^2 /NDF: 4557.6/27

In: 90.672 $\pm$ 0.754 χ^2 /NDF:2231.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 91.076 $\pm$ 0.521 χ^2 /NDF: 4557.6/27

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 12.761 $\pm$ 0.765 χ^2 /NDF: 124.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 9.963 $\pm$ 0.764 χ^2 /NDF: 193.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

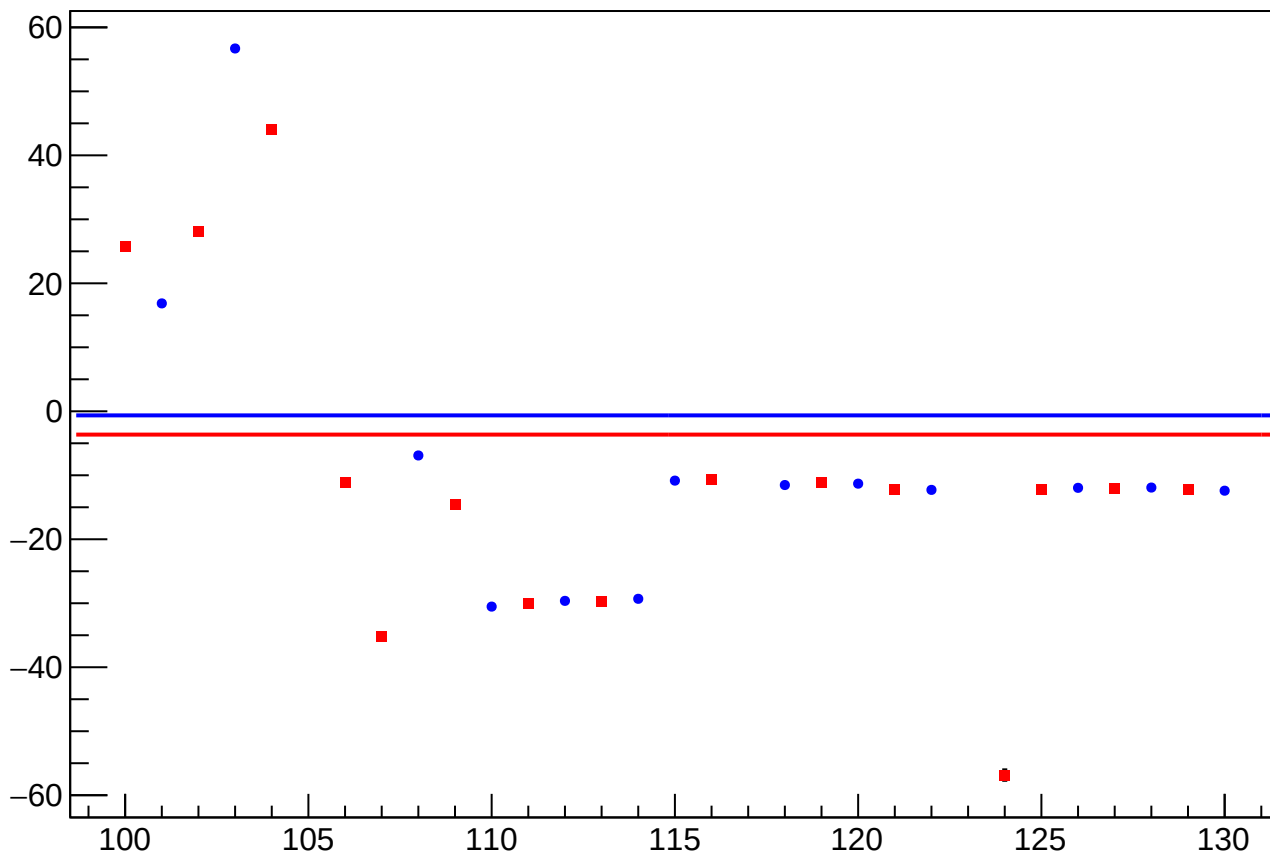
Right: 11.360 $\pm$ 0.540 χ^2 /NDF: 324.5/27

In: 12.761 $\pm$ 0.765 χ^2 /NDF:124.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 11.360 $\pm$ 0.540 χ^2 /NDF: 324.5/27

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.640 $\pm$ 0.050 χ^2 /NDF: 285545.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.643 $\pm$ 0.048 χ^2 /NDF: 277282.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

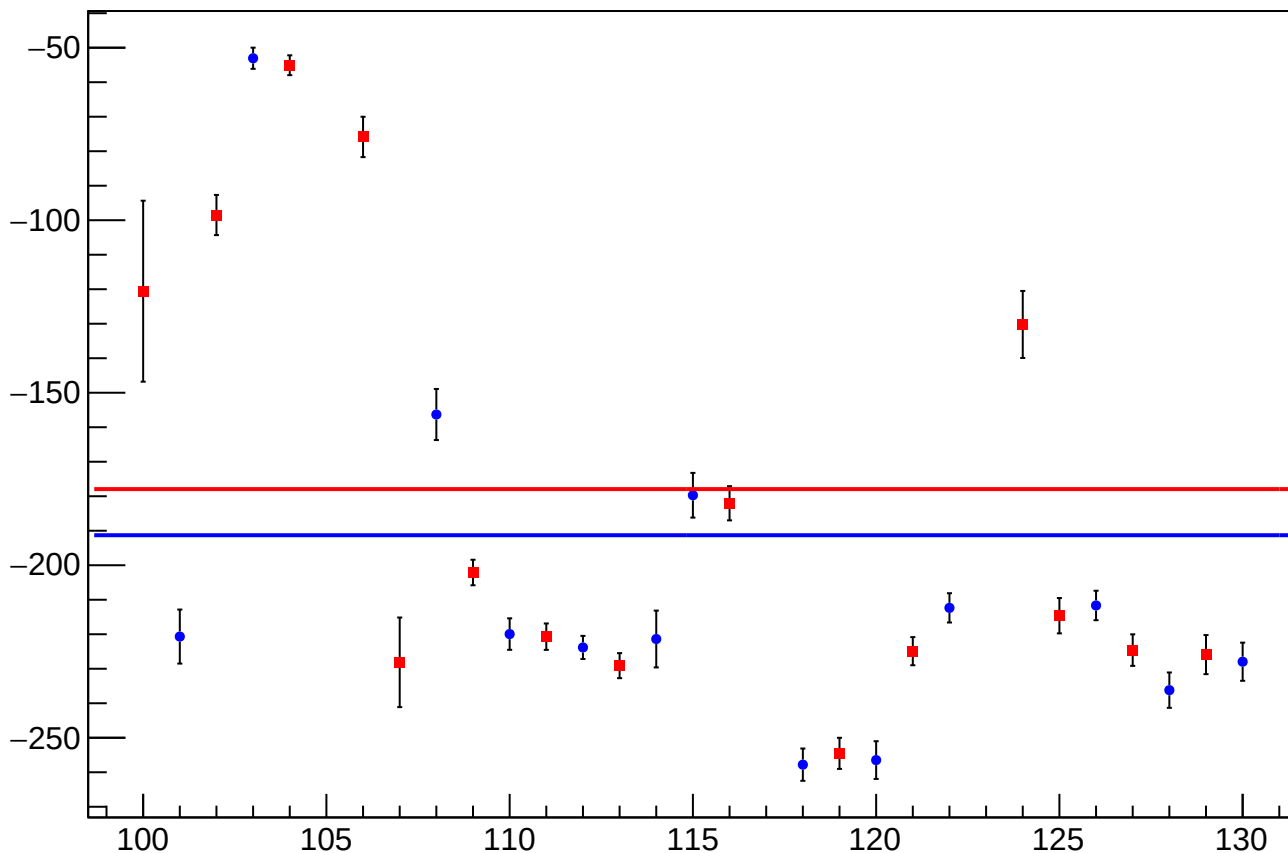
Right: -2.212 $\pm$ 0.035 χ^2 /NDF: 564690.8/27

In: -0.640 $\pm$ 0.050 χ^2 /NDF:285545.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.212 $\pm$ 0.035 χ^2 /NDF: 564690.8/27

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -191.297+/-1.317 χ^2 /NDF: 2730.3/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -177.930+/-1.211 χ^2 /NDF: 3375.8/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

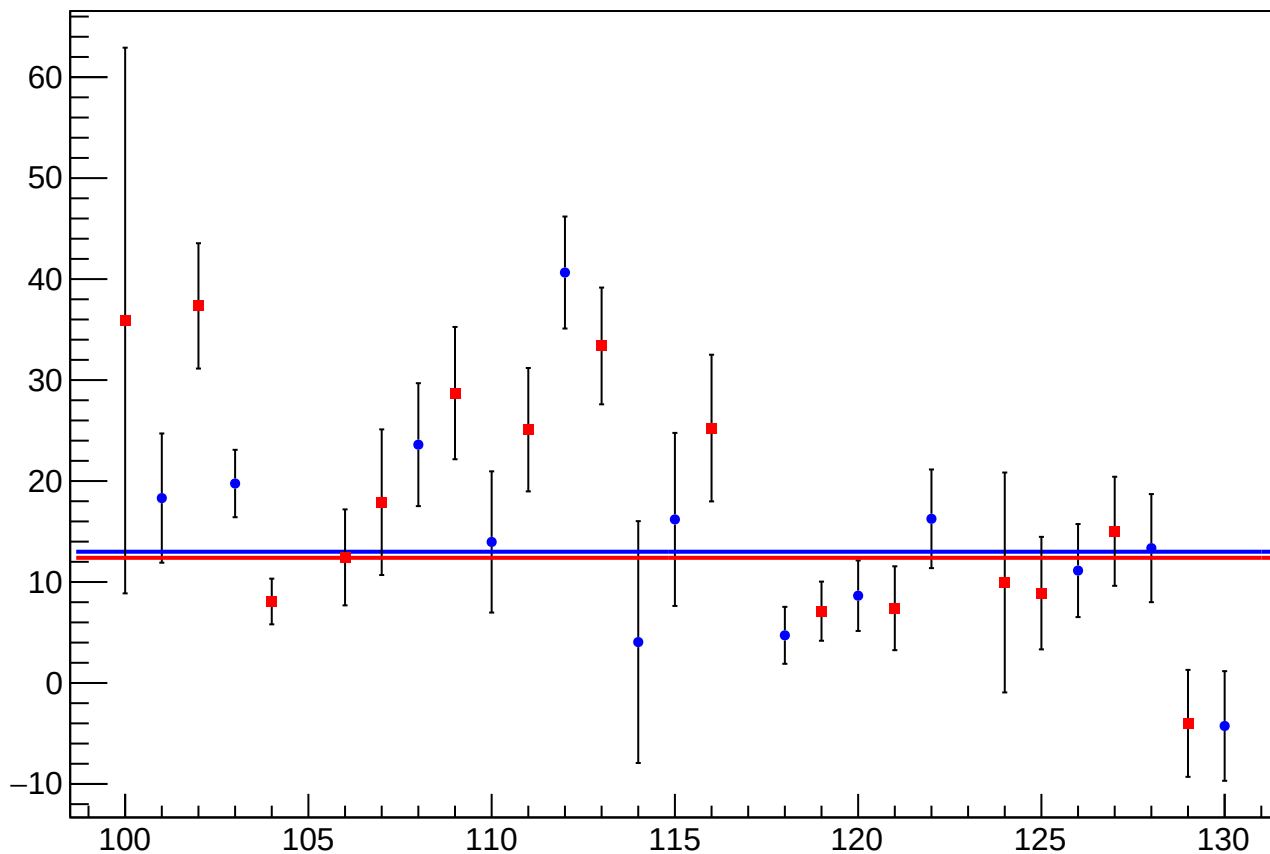
Right: -184.052+/-0.891 χ^2 /NDF: 6161.9/27

In: -191.297+/-1.317 χ^2 /NDF:2730.3/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -184.052+/-0.891 χ^2 /NDF: 6161.9/27

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.000+/-1.313 χ^2/NDF : 54.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.396+/-1.221 χ^2/NDF : 62.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

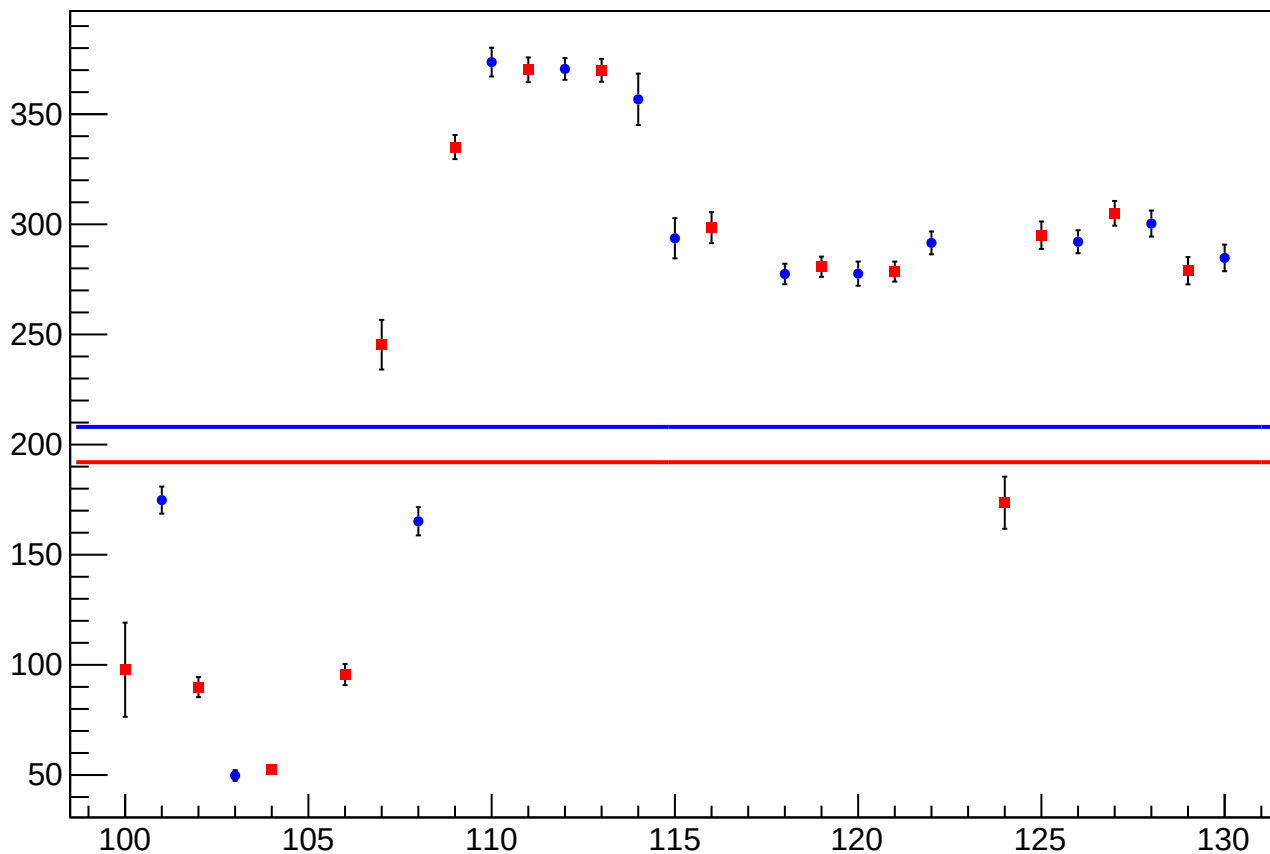
Right: 12.676+/-0.894 χ^2/NDF : 117.3/27

In: 13.000+/-1.313 χ^2/NDF : 54.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.676+/-0.894 χ^2/NDF : 117.3/27

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 208.033+/-1.391 χ^2/NDF : 7682.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 192.008+/-1.285 χ^2/NDF : 9435.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

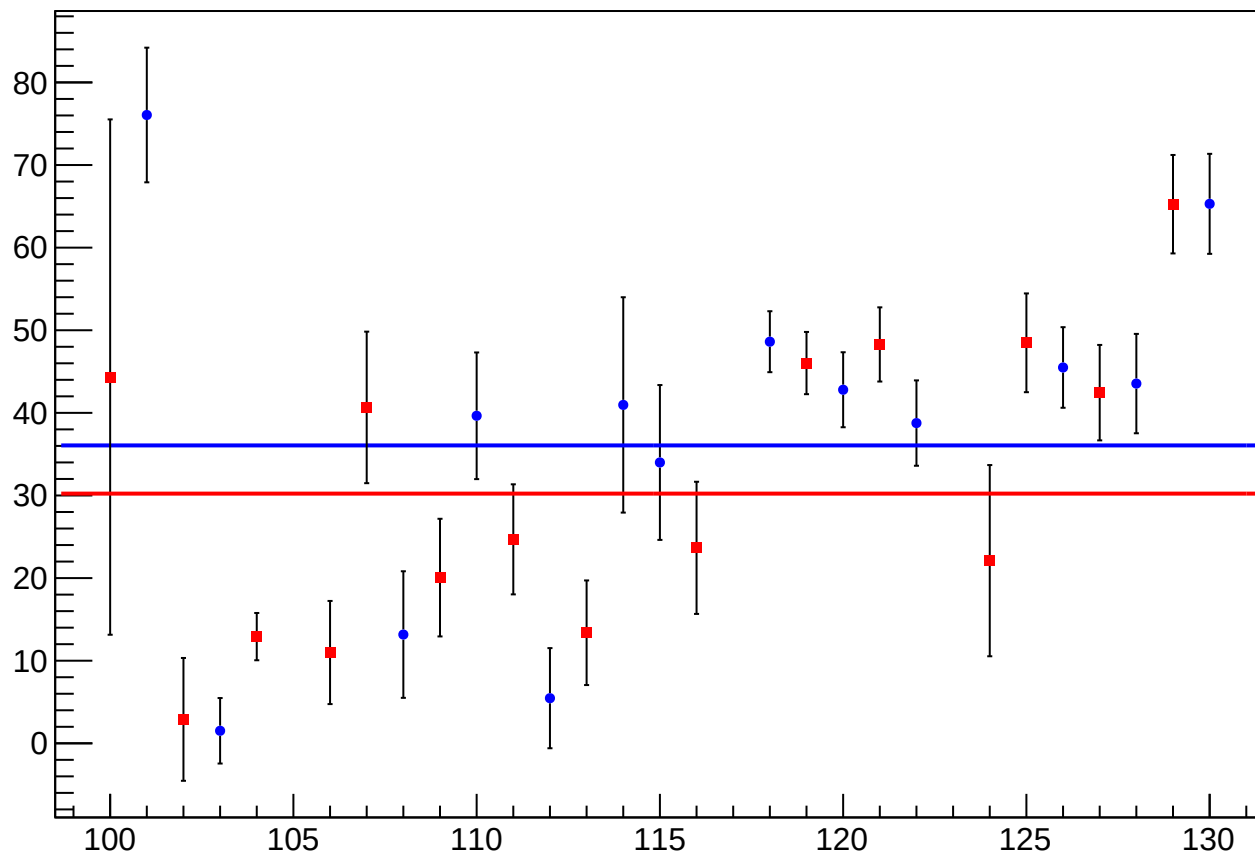
Right: 199.389+/-0.944 χ^2/NDF : 17189.6/27

In: 208.033+/-1.391 χ^2/NDF : 7682.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 199.389+/-0.944 χ^2/NDF : 17189.6/27

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 36.060 $\pm$ 1.555 χ^2 /NDF: 177.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 30.226 $\pm$ 1.451 χ^2 /NDF: 154.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

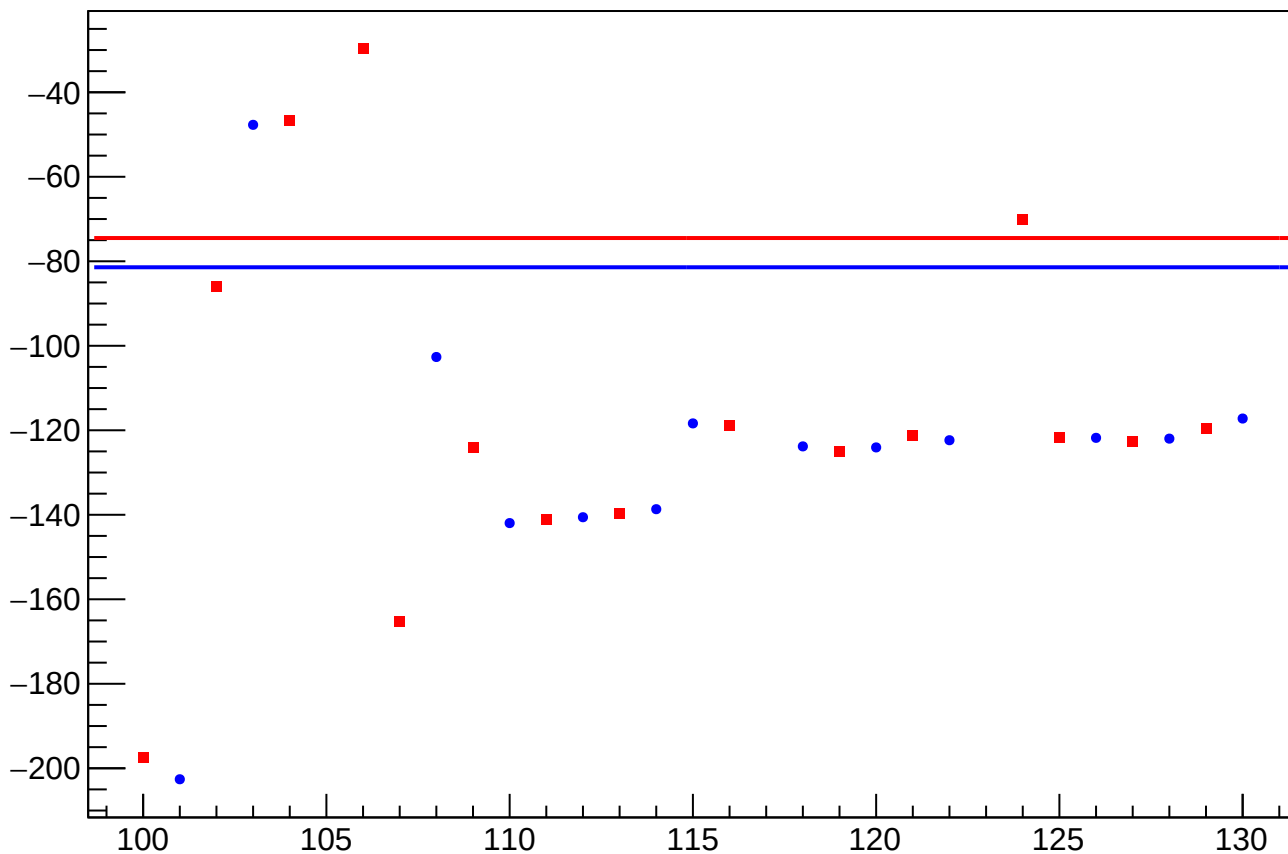
Right: 32.941 $\pm$ 1.061 χ^2 /NDF: 339.2/27

In: 36.060 $\pm$ 1.555 χ^2 /NDF:177.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 32.941 $\pm$ 1.061 χ^2 /NDF: 339.2/27

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -81.418+/-0.077 χ^2/NDF : 329059.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -74.497+/-0.072 χ^2/NDF : 305543.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

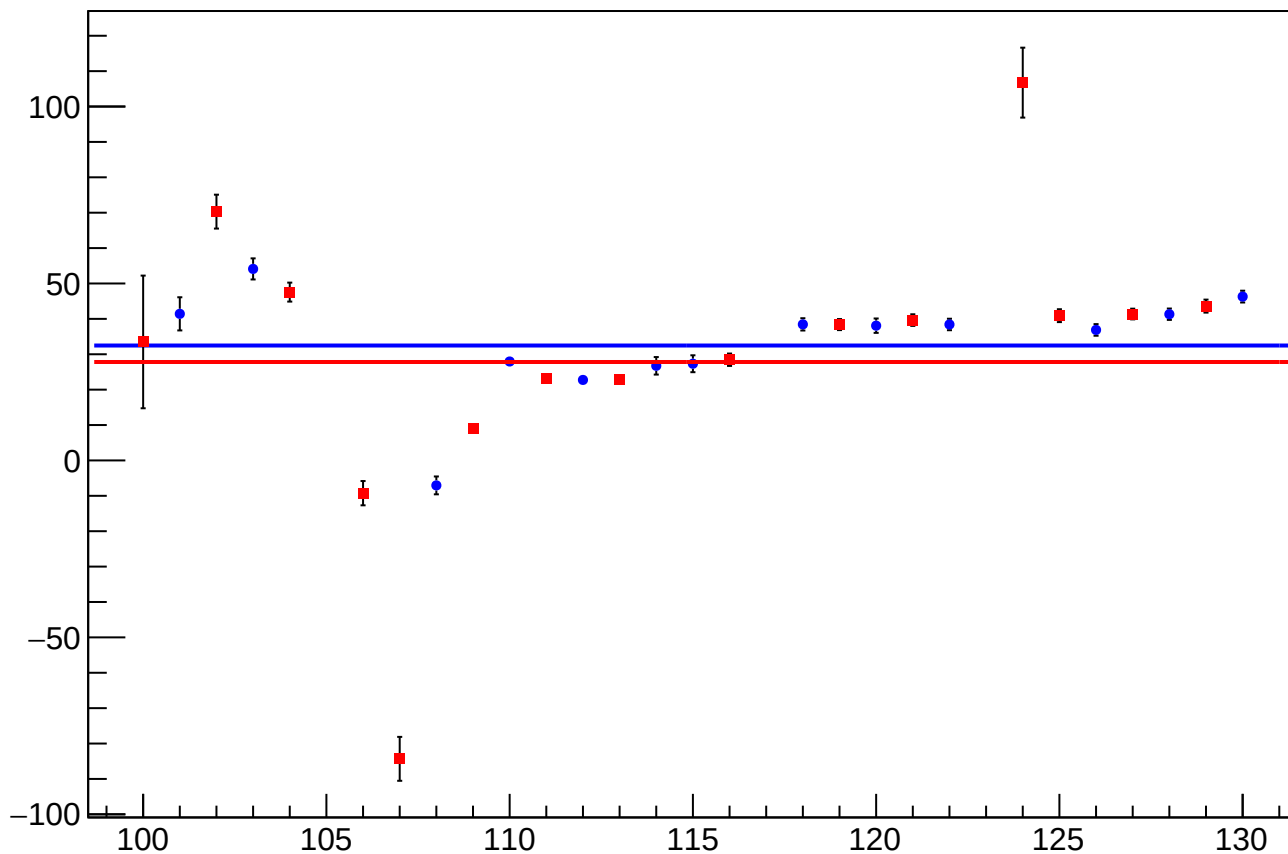
Right: -77.739+/-0.053 χ^2/NDF : 638896.3/27

In: -81.418+/-0.077 χ^2/NDF :329059.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -77.739+/-0.053 χ^2/NDF : 638896.3/27

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 32.470 $\pm$ 0.493 χ^2 /NDF: 539.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.814 $\pm$ 0.461 χ^2 /NDF: 1280.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

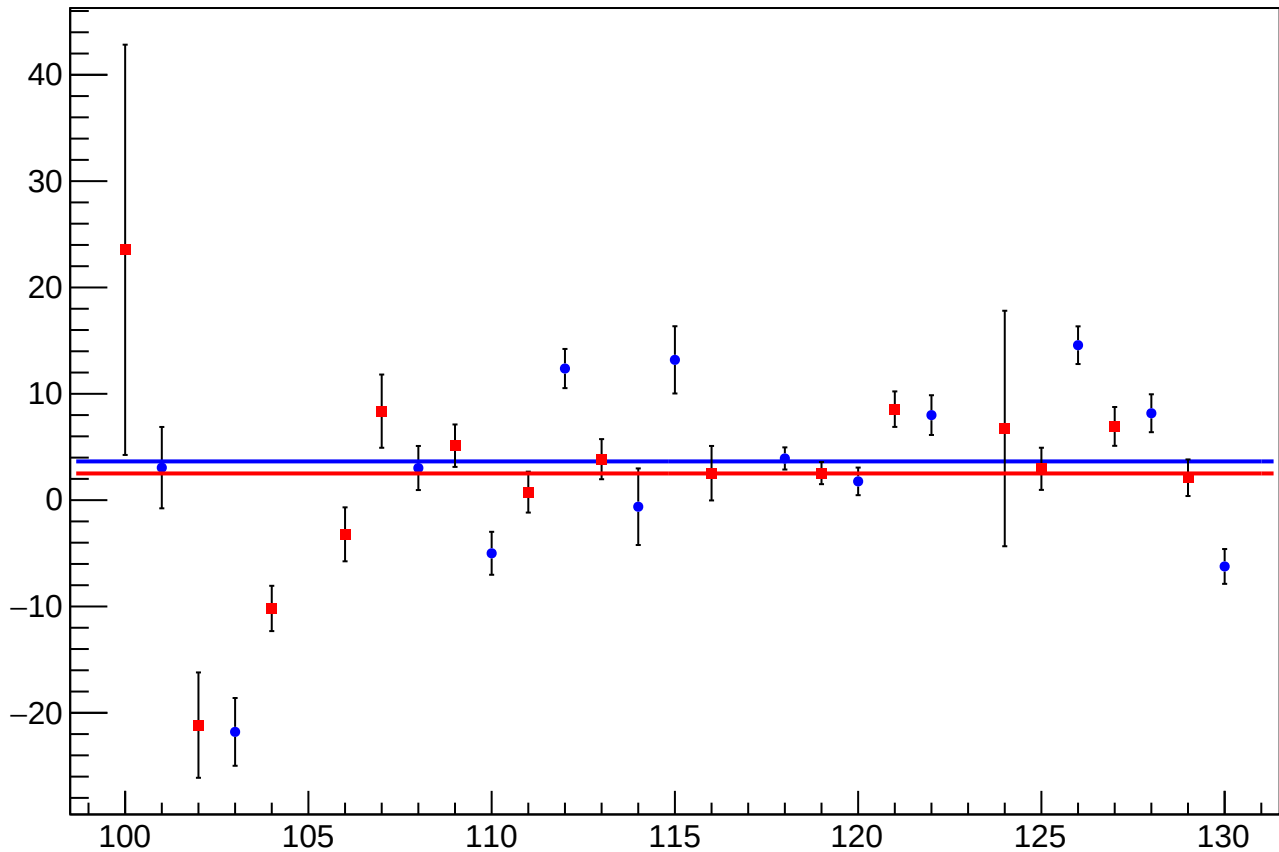
Right: 29.984 $\pm$ 0.337 χ^2 /NDF: 1867.7/27

In: 32.470 $\pm$ 0.493 χ^2 /NDF: 539.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 29.984 $\pm$ 0.337 χ^2 /NDF: 1867.7/27

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.644+/-0.505 χ^2/NDF : 203.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.510+/-0.524 χ^2/NDF : 89.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

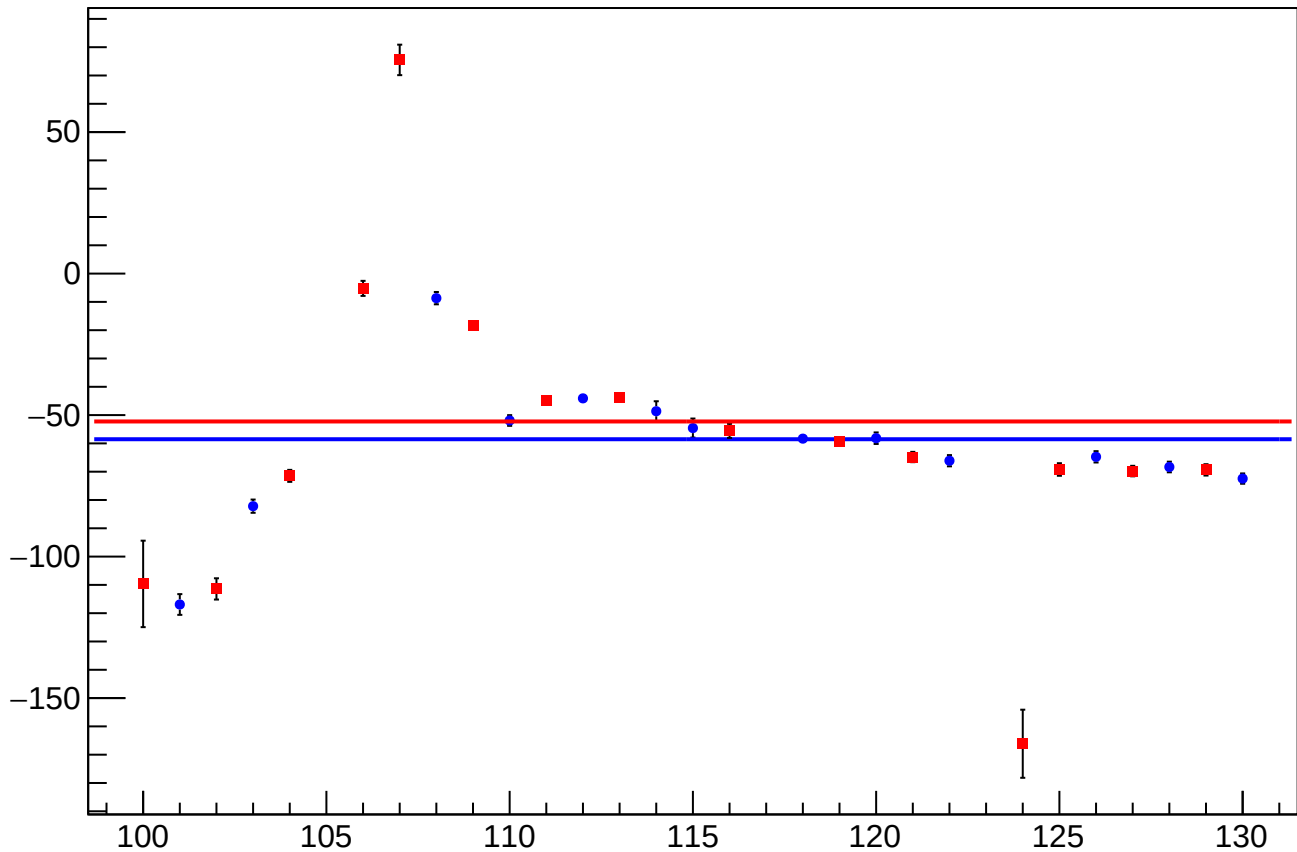
Right: 3.098+/-0.364 χ^2/NDF : 295.8/27

In: 3.644+/-0.505 χ^2/NDF : 203.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.098+/-0.364 χ^2/NDF : 295.8/27

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -58.531 ± 0.581 $\chi^2/\text{NDF}: 1090.4/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -52.253 ± 0.566 $\chi^2/\text{NDF}: 2086.9/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

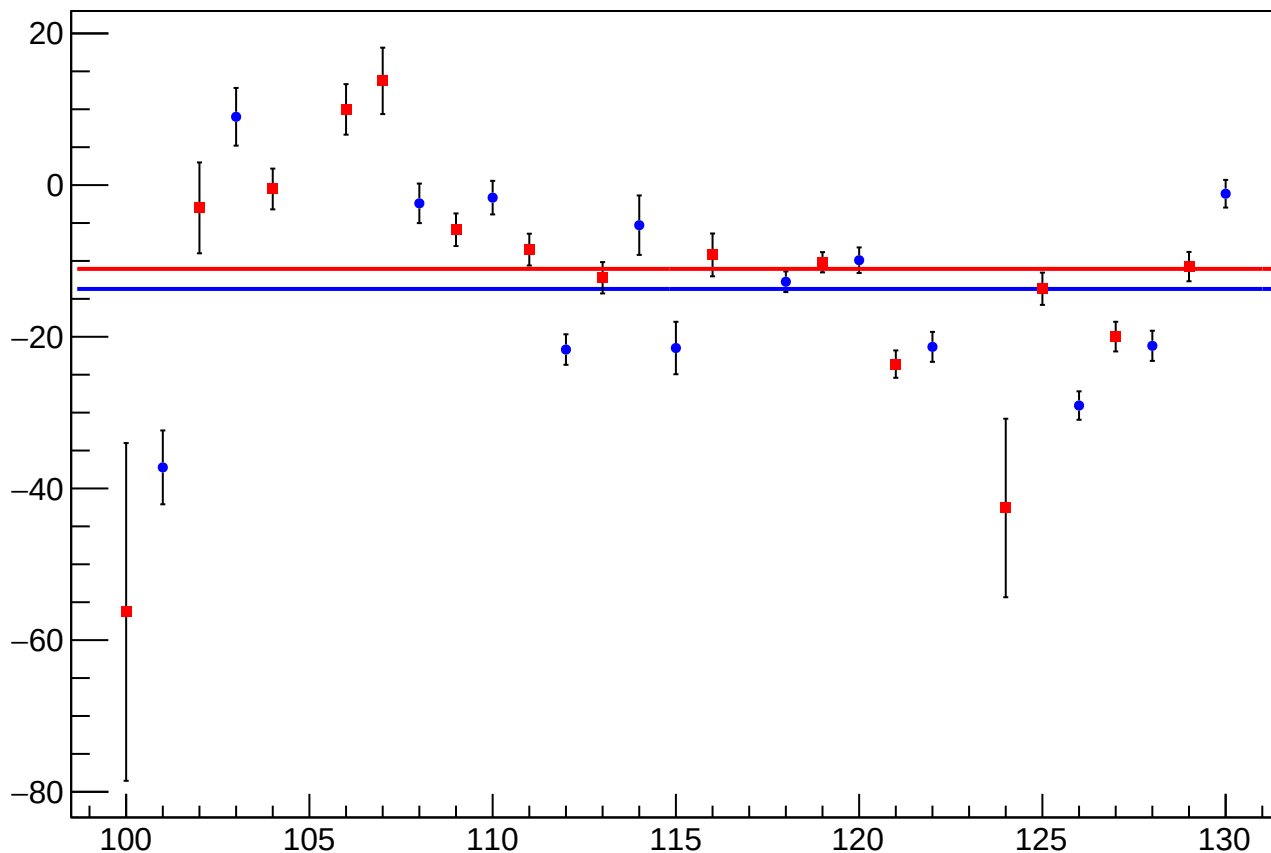
Right: -55.307 ± 0.405 $\chi^2/\text{NDF}: 3237.1/27$

In: -58.531 ± 0.581 $\chi^2/\text{NDF}: 1090.4/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -55.307 ± 0.405 $\chi^2/\text{NDF}: 3237.1/27$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -13.692 ± 0.593 χ^2/NDF : 282.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -11.046 ± 0.604 χ^2/NDF : 179.7/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

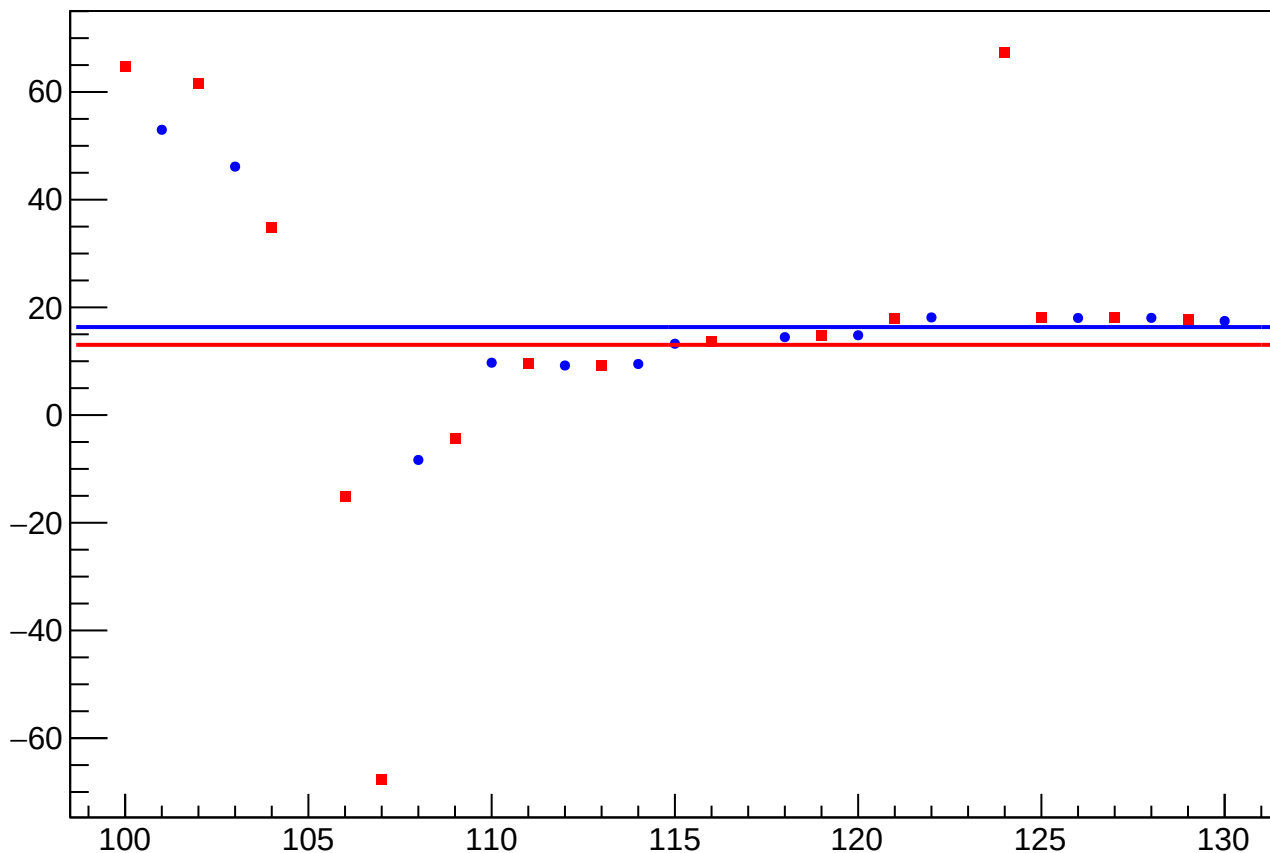
Right: -12.393 ± 0.423 χ^2/NDF : 471.4/27

In: -13.692 ± 0.593 χ^2/NDF : 282.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -12.393 ± 0.423 χ^2/NDF : 471.4/27

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 16.343+/-0.039 χ^2/NDF : 204817.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 13.044+/-0.039 χ^2/NDF : 351904.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

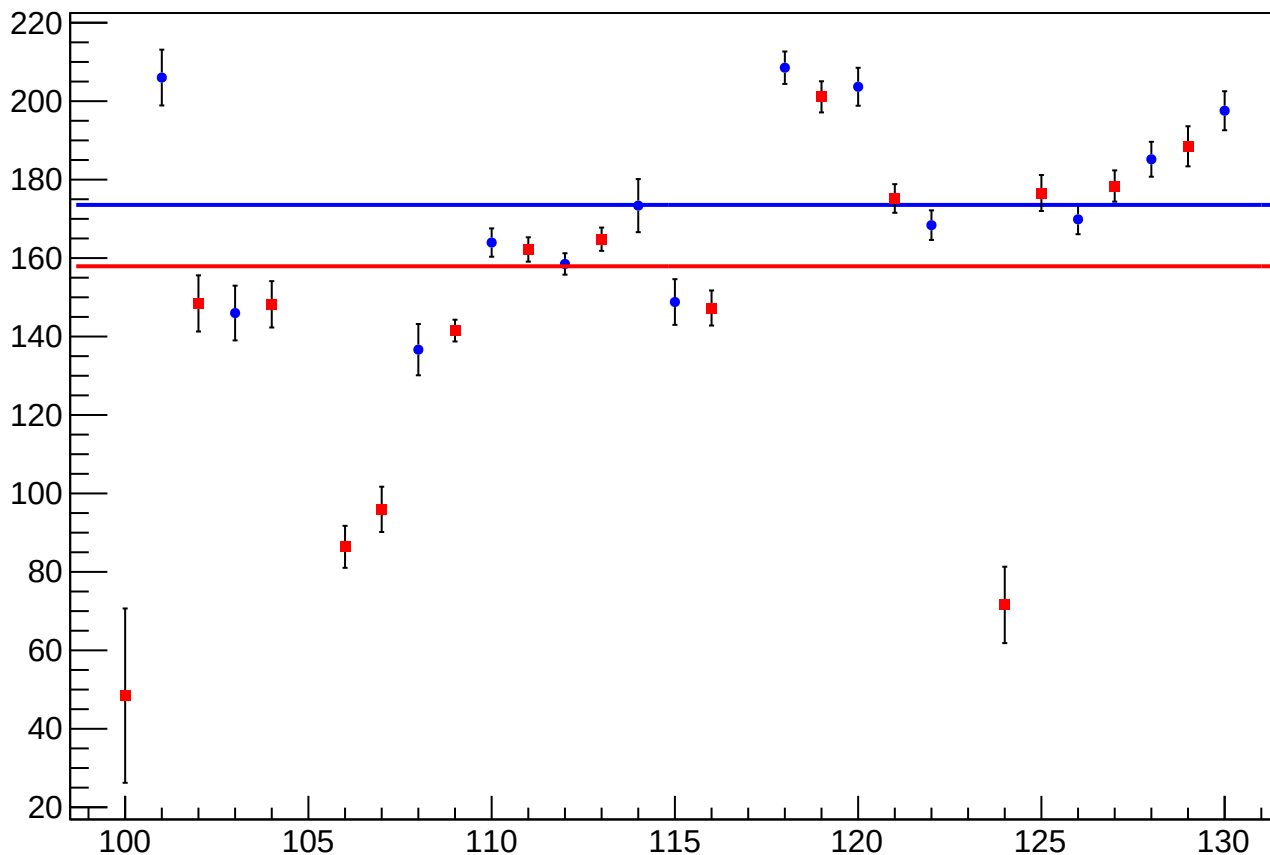
Right: 14.697+/-0.028 χ^2/NDF : 560245.6/27

In: 16.343+/-0.039 χ^2/NDF :204817.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 14.697+/-0.028 χ^2/NDF : 560245.6/27

reg_asym_at1_avg_at2_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 173.556 $\pm$ 1.233 χ^2 /NDF: 267.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 157.911 $\pm$ 1.111 χ^2 /NDF: 668.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

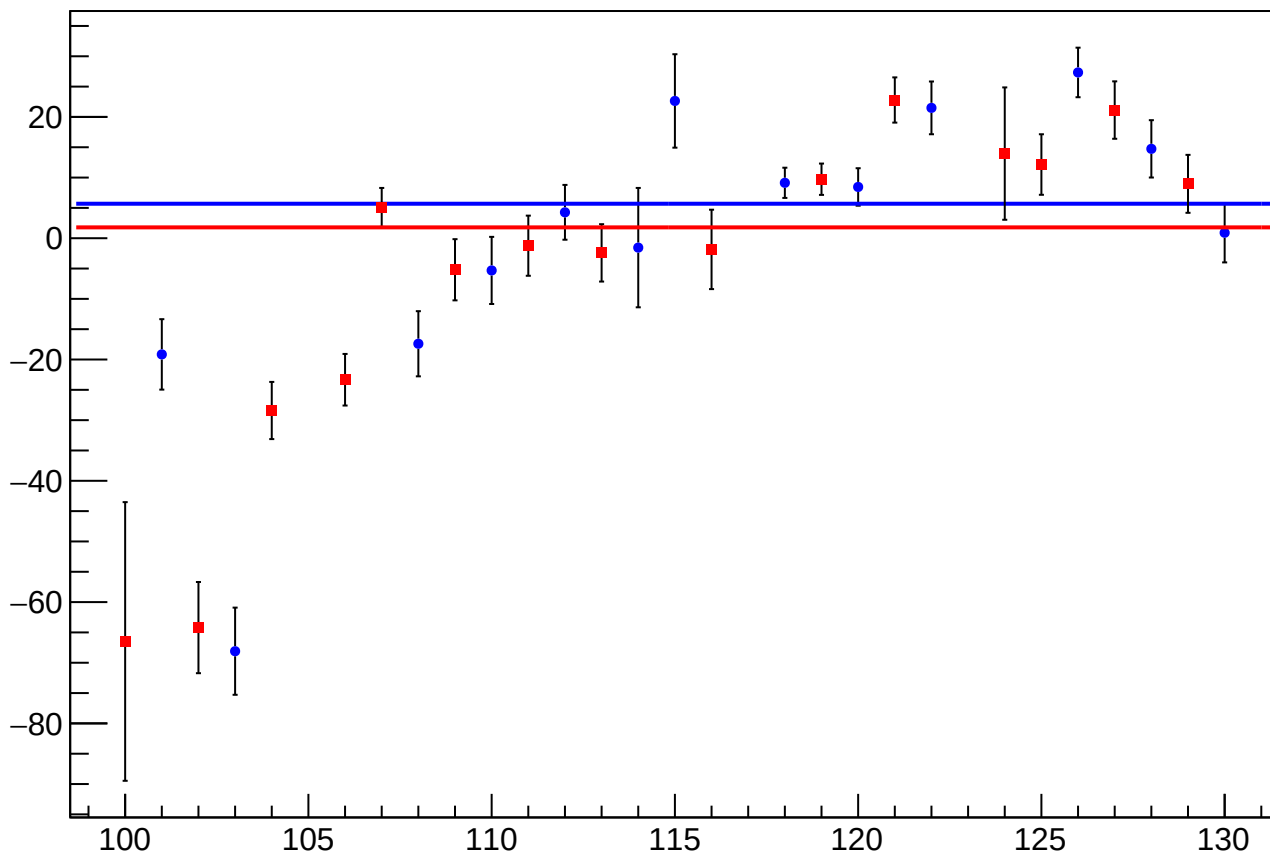
Right: 164.918 $\pm$ 0.825 χ^2 /NDF: 1024.7/27

In: 173.556 $\pm$ 1.233 χ^2 /NDF:267.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 164.918 $\pm$ 0.825 χ^2 /NDF: 1024.7/27

reg_asym_at1_avg_at2_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.686+/-1.233 χ^2/NDF : 200.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.788+/-1.176 χ^2/NDF : 231.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

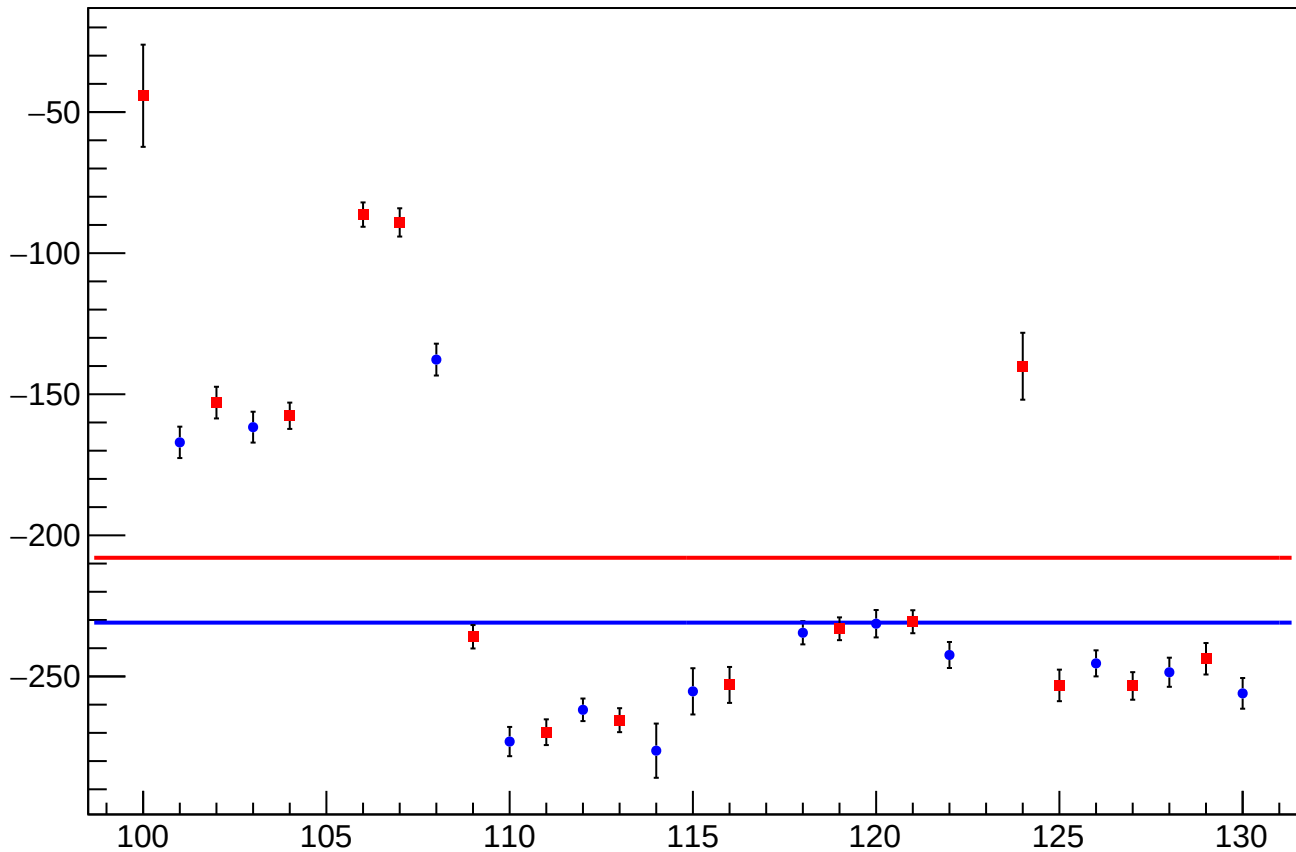
Right: 3.645+/-0.851 χ^2/NDF : 437.3/27

In: 5.686+/-1.233 χ^2/NDF : 200.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.645+/-0.851 χ^2/NDF : 437.3/27

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -230.933+/-1.429 χ^2/NDF : 771.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -207.948+/-1.296 χ^2/NDF : 2409.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

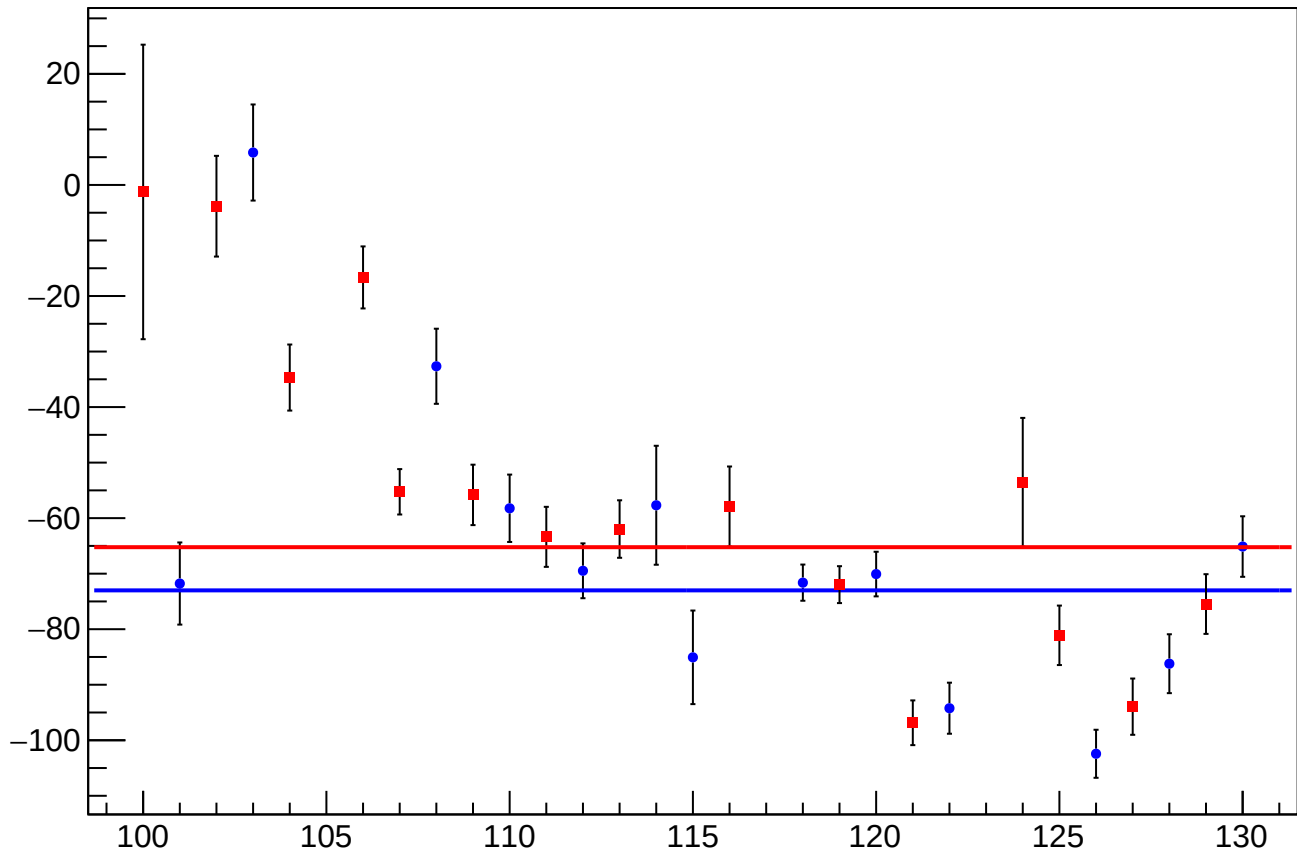
Right: -218.319+/-0.960 χ^2/NDF : 3323.3/27

In: -230.933+/-1.429 χ^2/NDF :771.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -218.319+/-0.960 χ^2/NDF : 3323.3/27

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -73.008 $\pm$ 1.458 χ^2 /NDF: 205.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -65.231 $\pm$ 1.378 χ^2 /NDF: 275.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

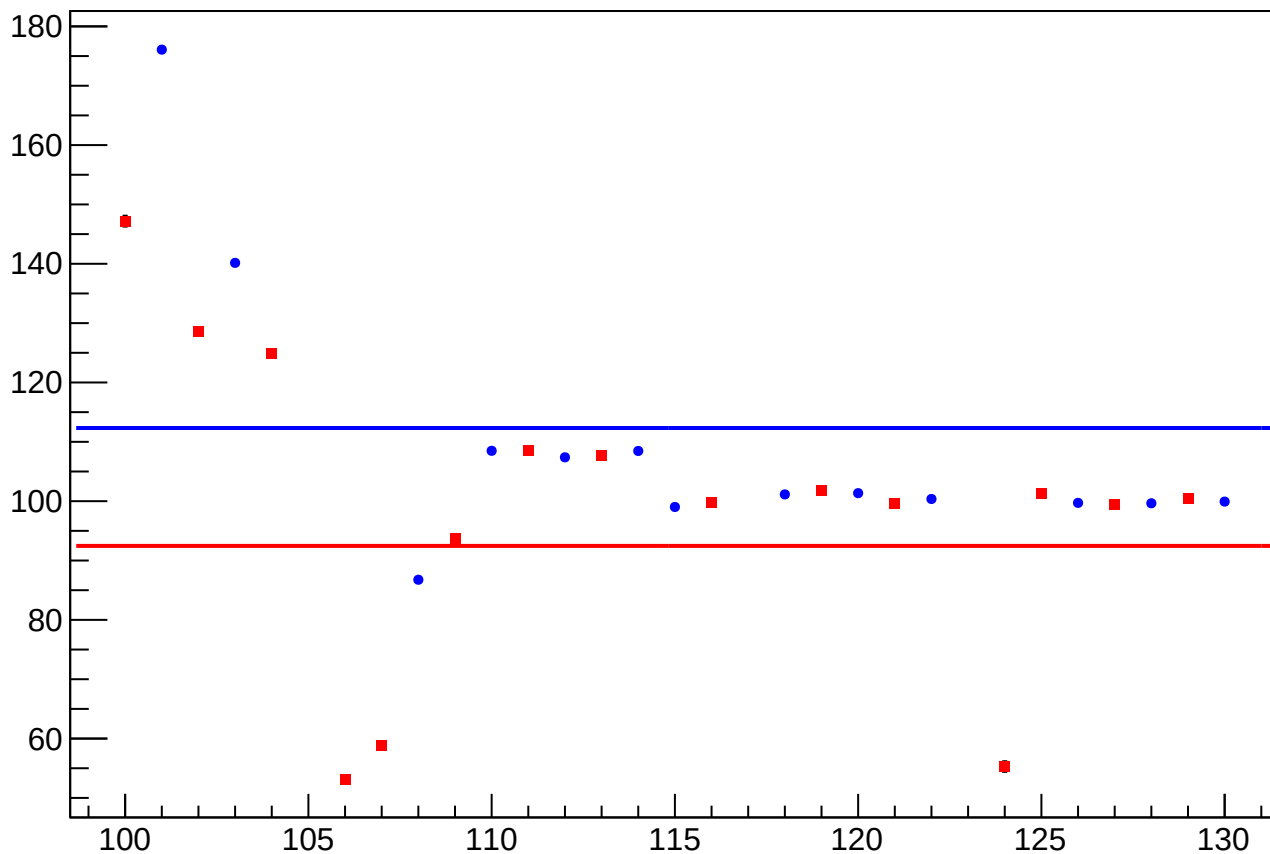
Right: -68.902 $\pm$ 1.002 χ^2 /NDF: 496.3/27

In: -73.008 $\pm$ 1.458 χ^2 /NDF:205.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -68.902 $\pm$ 1.002 χ^2 /NDF: 496.3/27

reg_asym_at1_avg_at2_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 112.329+/-0.096 χ^2/NDF : 70568.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.464+/-0.080 χ^2/NDF : 123090.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

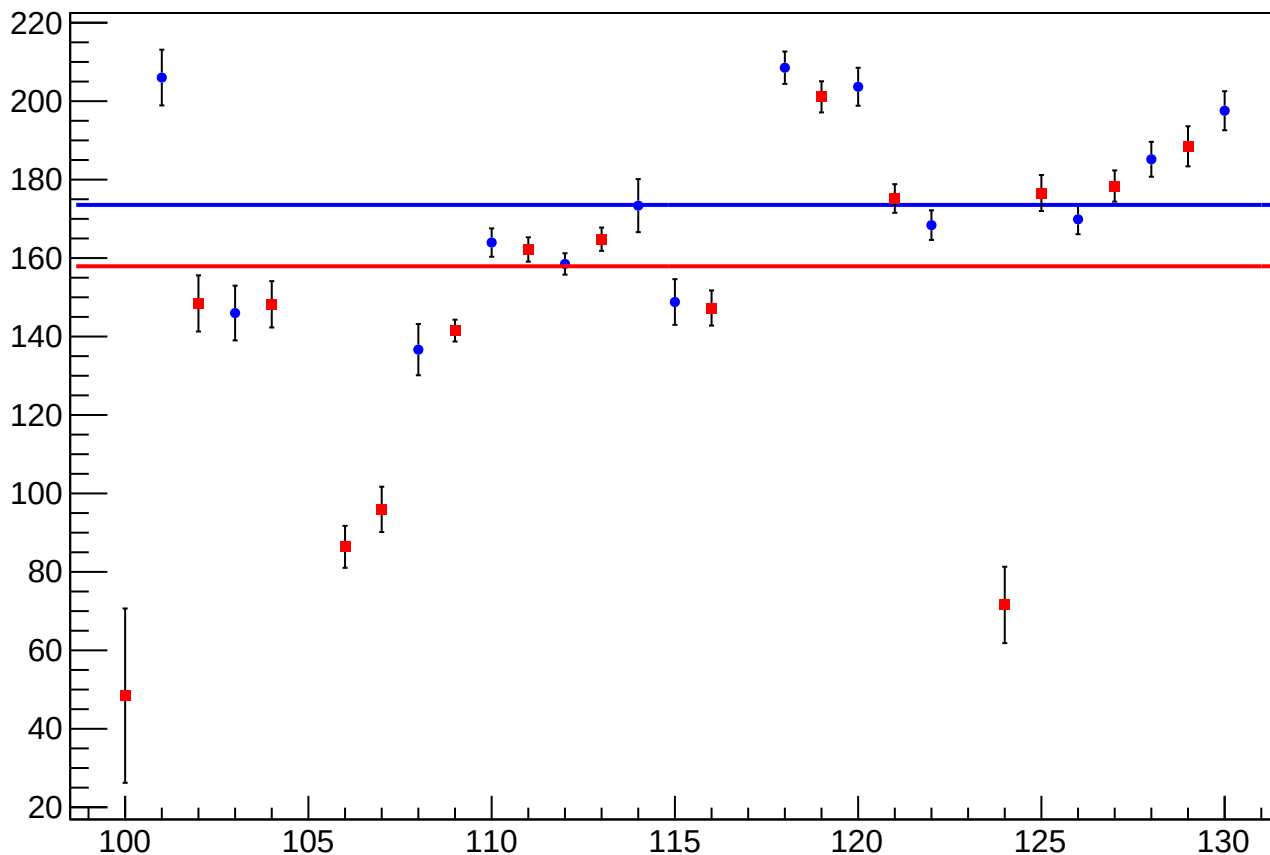
Right: 100.614+/-0.061 χ^2/NDF : 219099.1/27

In: 112.329+/-0.096 χ^2/NDF : 70568.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.614+/-0.061 χ^2/NDF : 219099.1/27

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 173.556 $\pm$ 1.233 χ^2 /NDF: 267.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 157.911 $\pm$ 1.111 χ^2 /NDF: 668.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

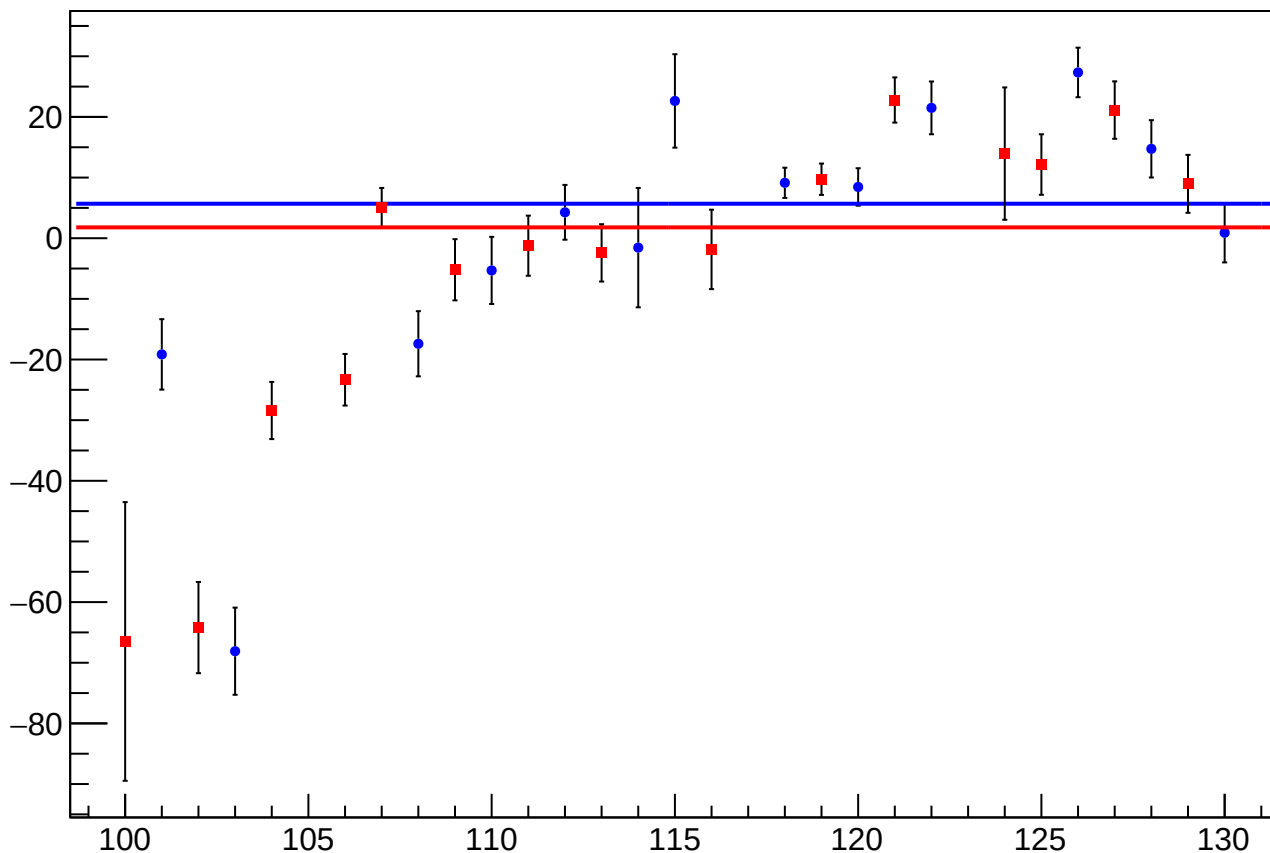
Right: 164.918 $\pm$ 0.825 χ^2 /NDF: 1024.7/27

In: 173.556 $\pm$ 1.233 χ^2 /NDF:267.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 164.918 $\pm$ 0.825 χ^2 /NDF: 1024.7/27

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.686+/-1.233 χ^2/NDF : 200.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.788+/-1.176 χ^2/NDF : 231.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

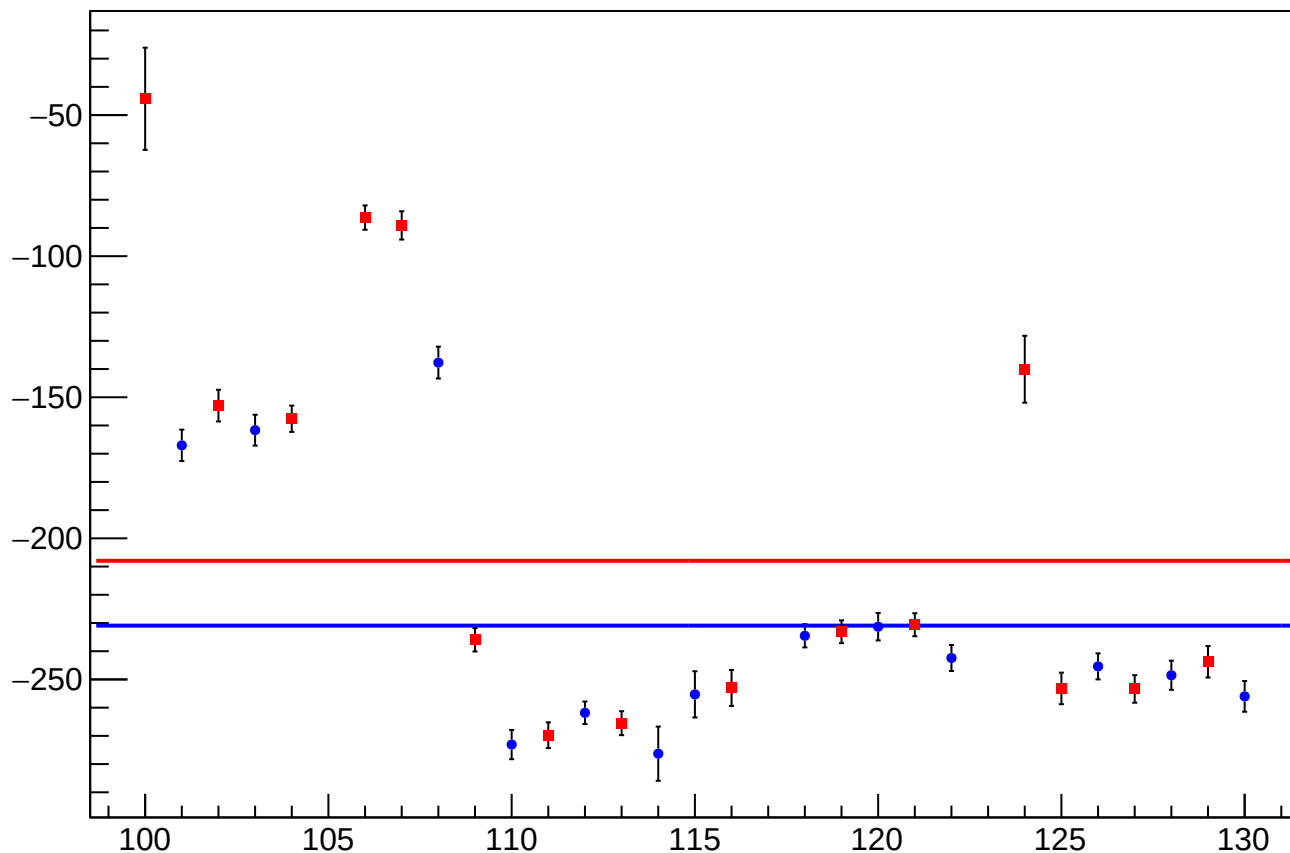
Right: 3.645+/-0.851 χ^2/NDF : 437.3/27

In: 5.686+/-1.233 χ^2/NDF :200.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3.645+/-0.851 χ^2/NDF : 437.3/27

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -230.933+/-1.429 χ^2/NDF : 771.7/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -207.948+/-1.296 χ^2/NDF : 2409.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

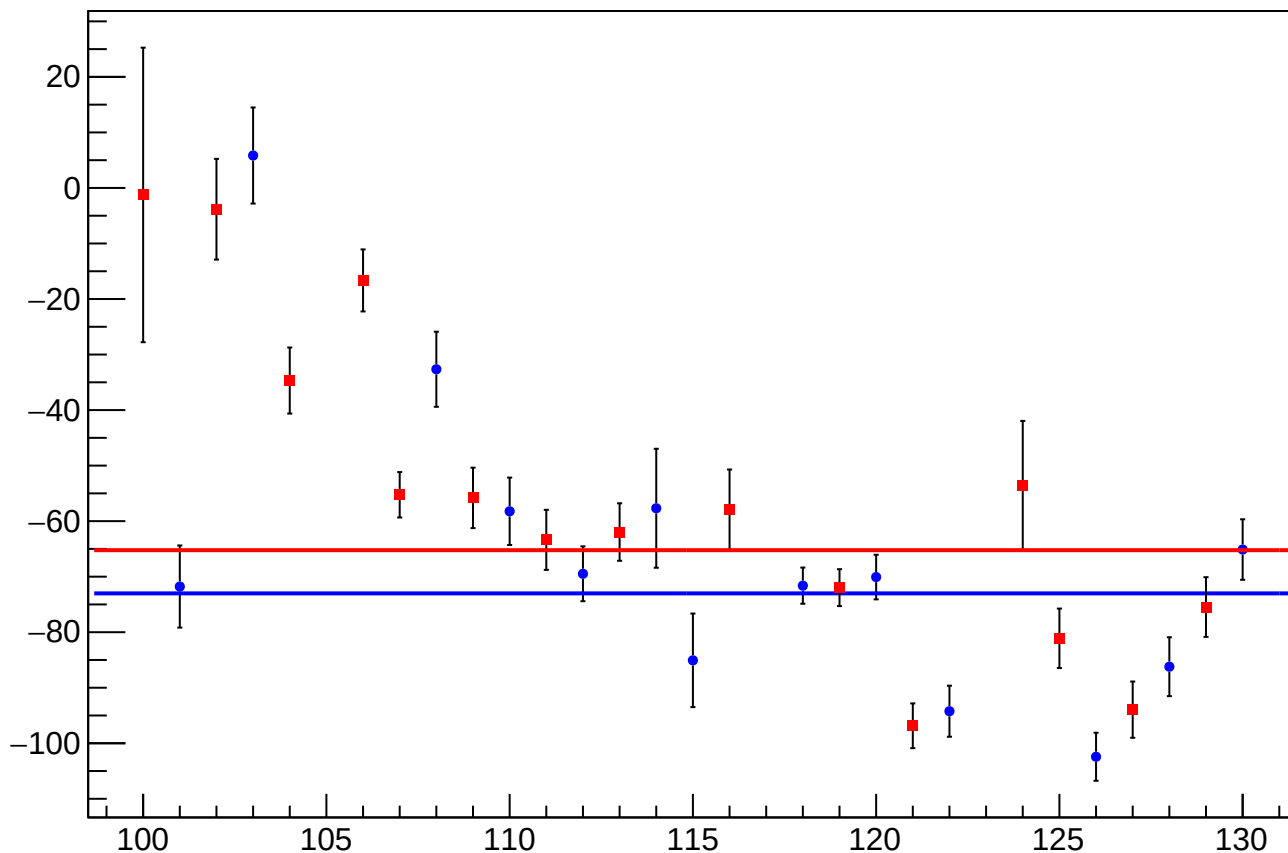
Right: -218.319+/-0.960 χ^2/NDF : 3323.3/27

In: -230.933+/-1.429 χ^2/NDF :771.7/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -218.319+/-0.960 χ^2/NDF : 3323.3/27

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -73.008 $\pm$ 1.458 χ^2 /NDF: 205.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -65.231 $\pm$ 1.378 χ^2 /NDF: 275.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

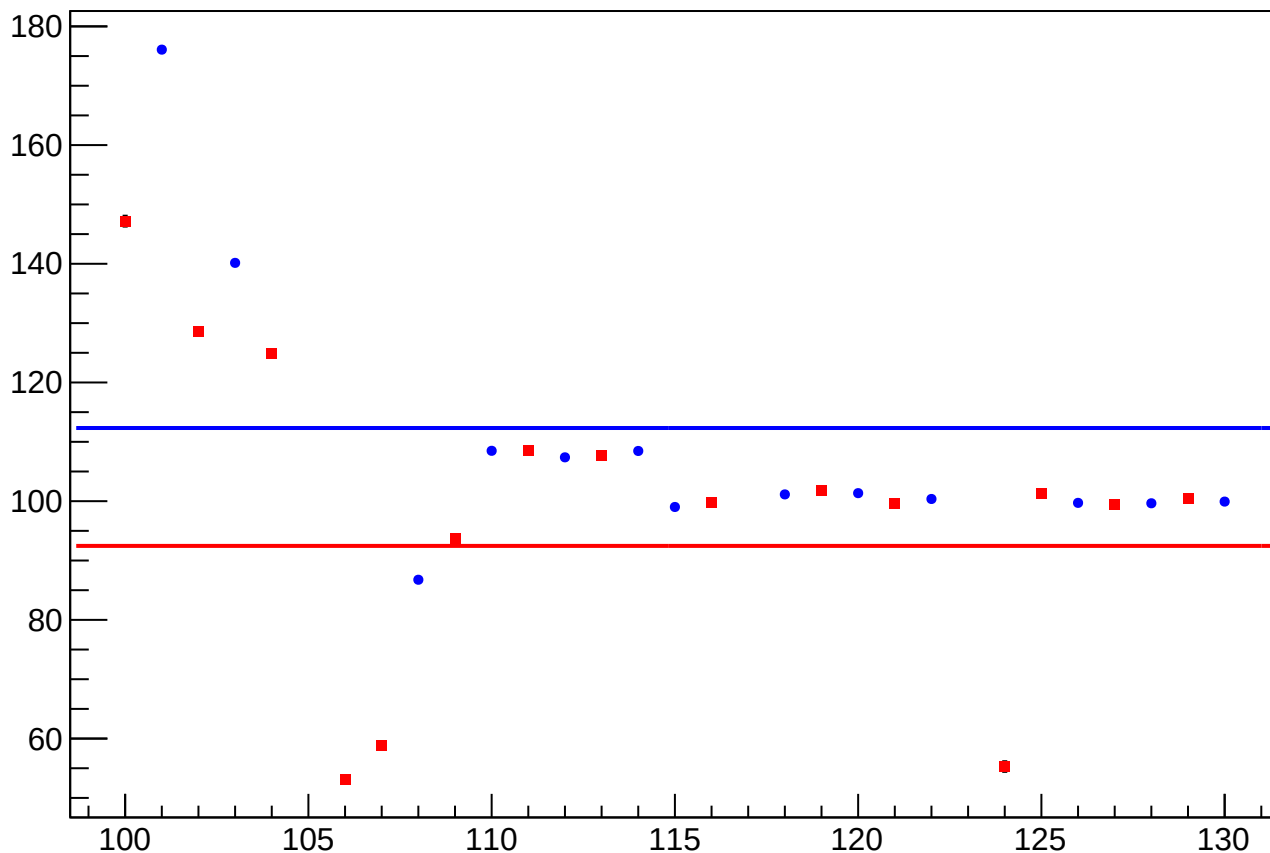
Right: -68.902 $\pm$ 1.002 χ^2 /NDF: 496.3/27

In: -73.008 $\pm$ 1.458 χ^2 /NDF:205.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -68.902 $\pm$ 1.002 χ^2 /NDF: 496.3/27

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 112.329+/-0.096 χ^2/NDF : 70568.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.464+/-0.080 χ^2/NDF : 123090.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

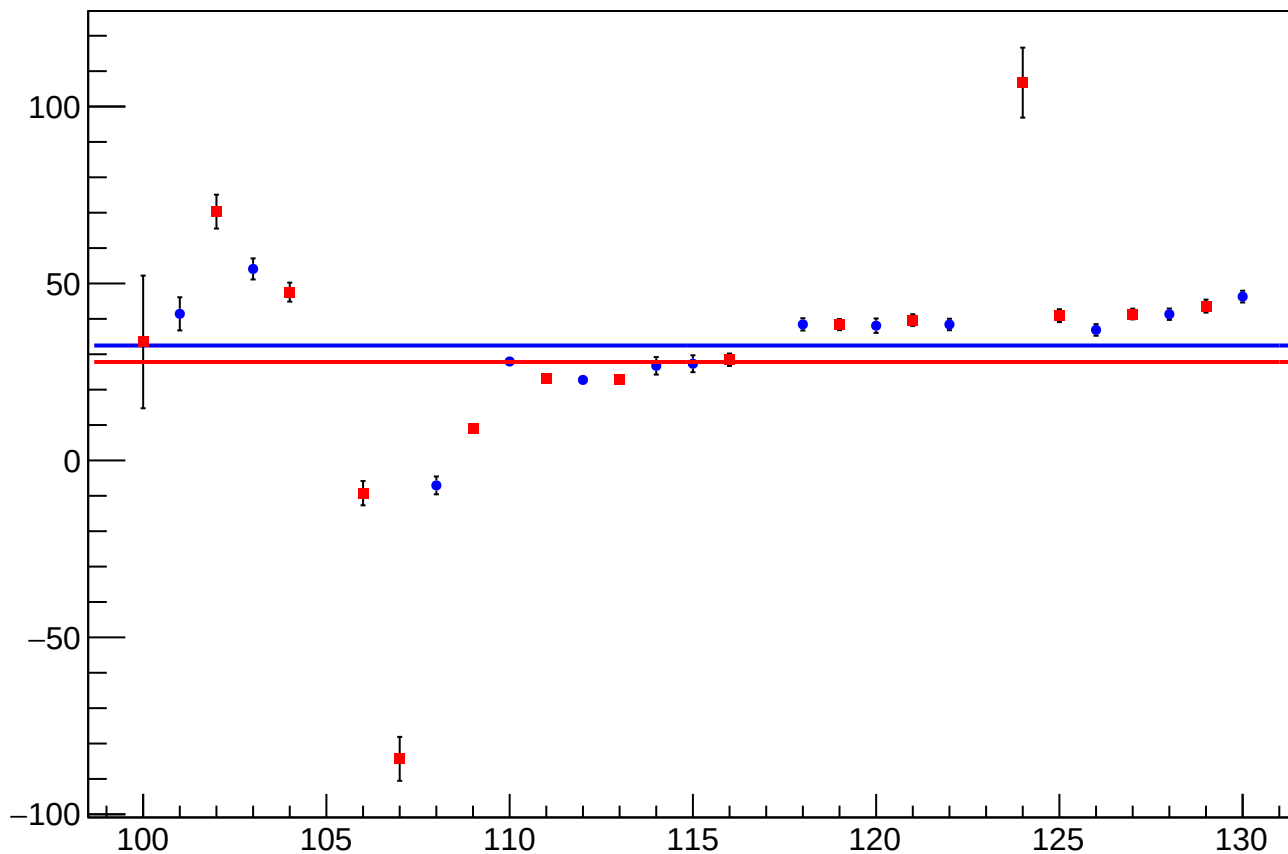
Right: 100.614+/-0.061 χ^2/NDF : 219099.1/27

In: 112.329+/-0.096 χ^2/NDF : 70568.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.614+/-0.061 χ^2/NDF : 219099.1/27

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 32.470 $\pm$ 0.493 χ^2 /NDF: 539.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 27.814 $\pm$ 0.461 χ^2 /NDF: 1280.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

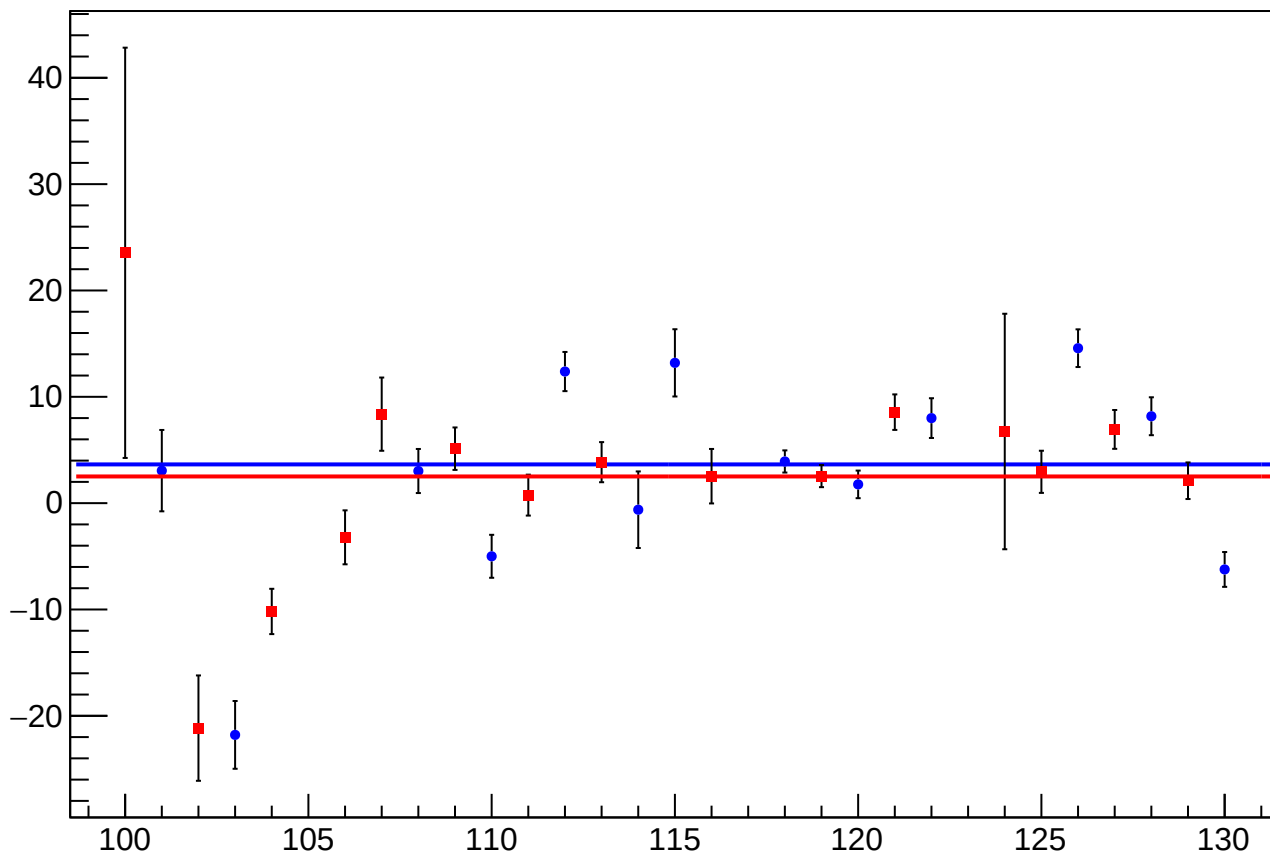
Right: 29.984 $\pm$ 0.337 χ^2 /NDF: 1867.7/27

In: 32.470 $\pm$ 0.493 χ^2 /NDF:539.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 29.984 $\pm$ 0.337 χ^2 /NDF: 1867.7/27

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.644+/-0.505 χ^2/NDF : 203.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.510+/-0.524 χ^2/NDF : 89.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

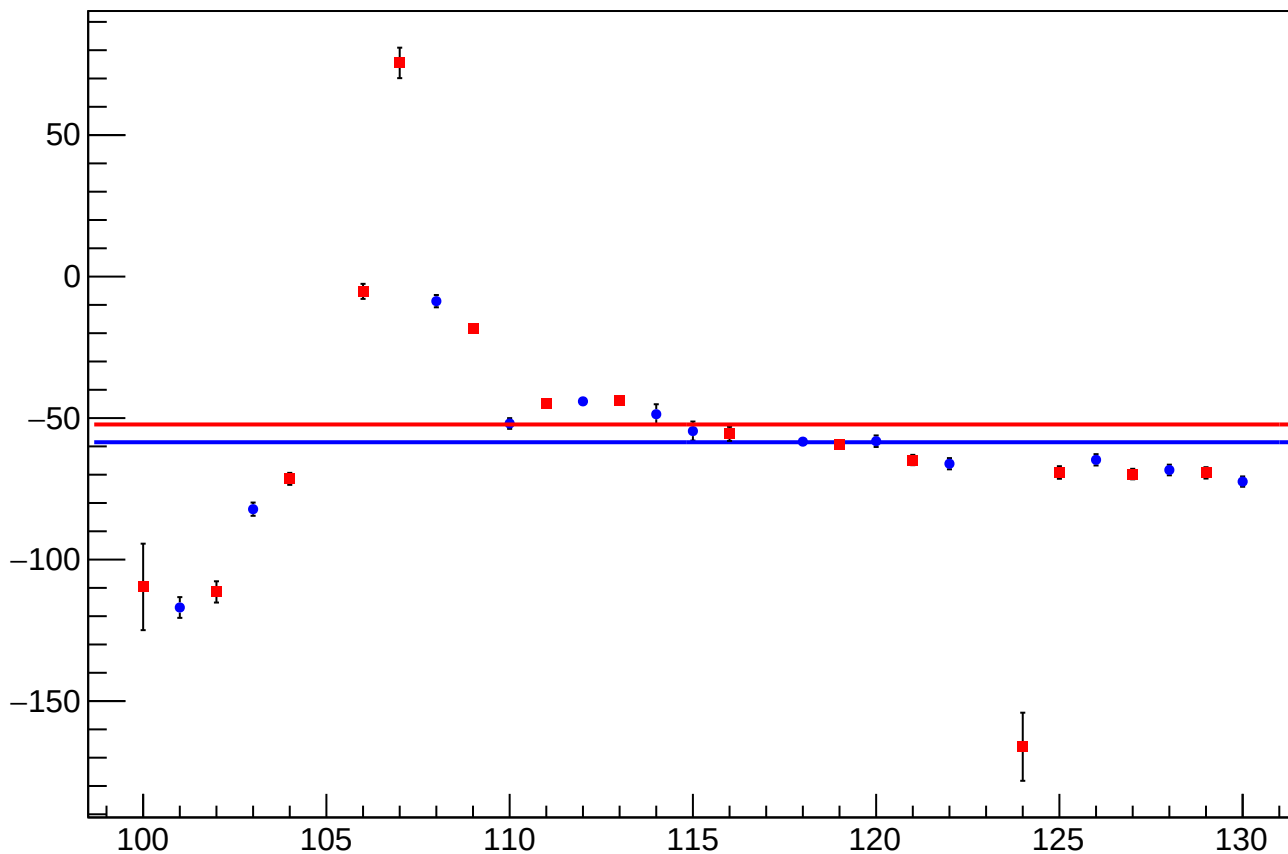
Right: 3.098+/-0.364 χ^2/NDF : 295.8/27

In: 3.644+/-0.505 χ^2/NDF : 203.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.098+/-0.364 χ^2/NDF : 295.8/27

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -58.531 ± 0.581 $\chi^2/\text{NDF}: 1090.4/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -52.253 ± 0.566 $\chi^2/\text{NDF}: 2086.9/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

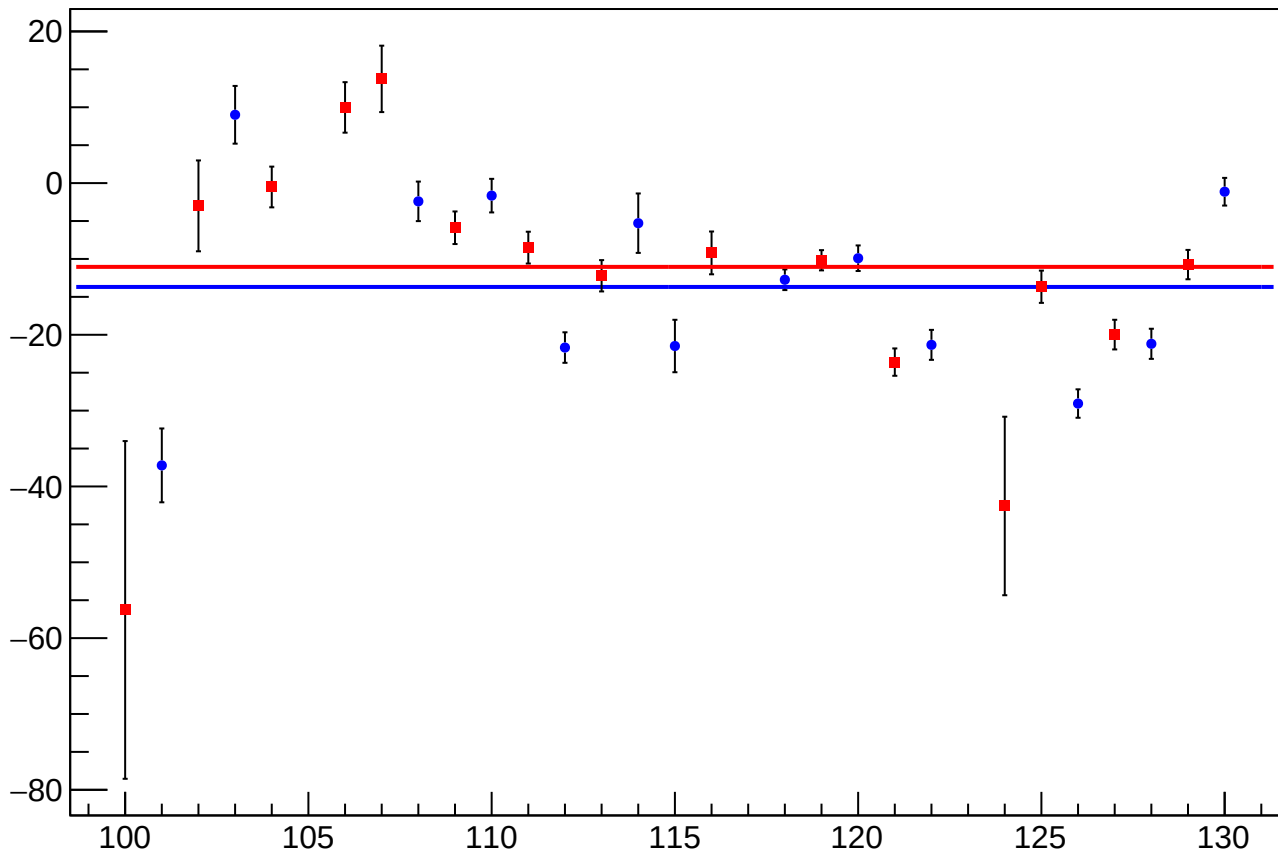
Right: -55.307 ± 0.405 $\chi^2/\text{NDF}: 3237.1/27$

In: -58.531 ± 0.581 $\chi^2/\text{NDF}: 1090.4/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -55.307 ± 0.405 $\chi^2/\text{NDF}: 3237.1/27$

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -13.692 ± 0.593 χ^2/NDF : 282.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -11.046 ± 0.604 χ^2/NDF : 179.7/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

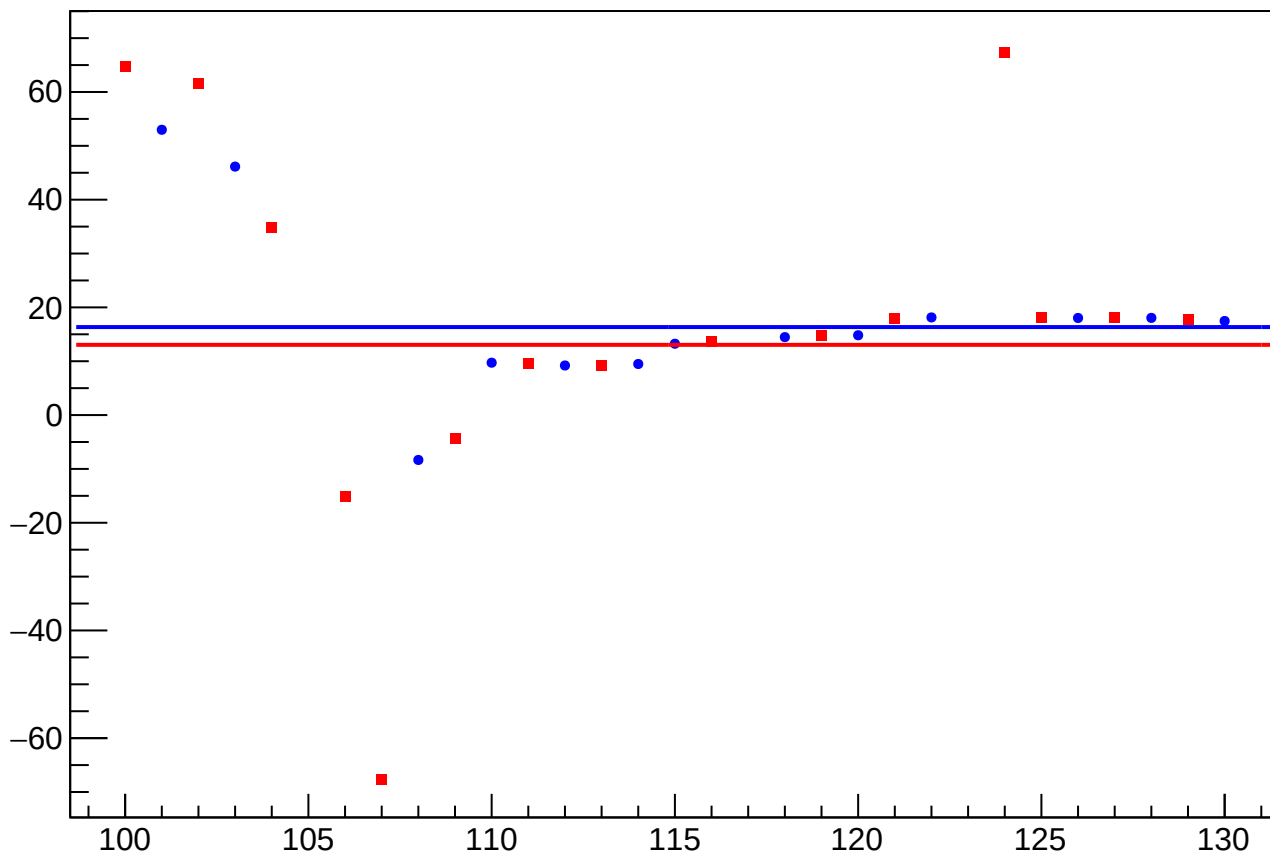
Right: -12.393 ± 0.423 χ^2/NDF : 471.4/27

In: -13.692 ± 0.593 χ^2/NDF : 282.0/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -12.393 ± 0.423 χ^2/NDF : 471.4/27

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 16.343+/-0.039 χ^2/NDF : 204817.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 13.044+/-0.039 χ^2/NDF : 351904.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

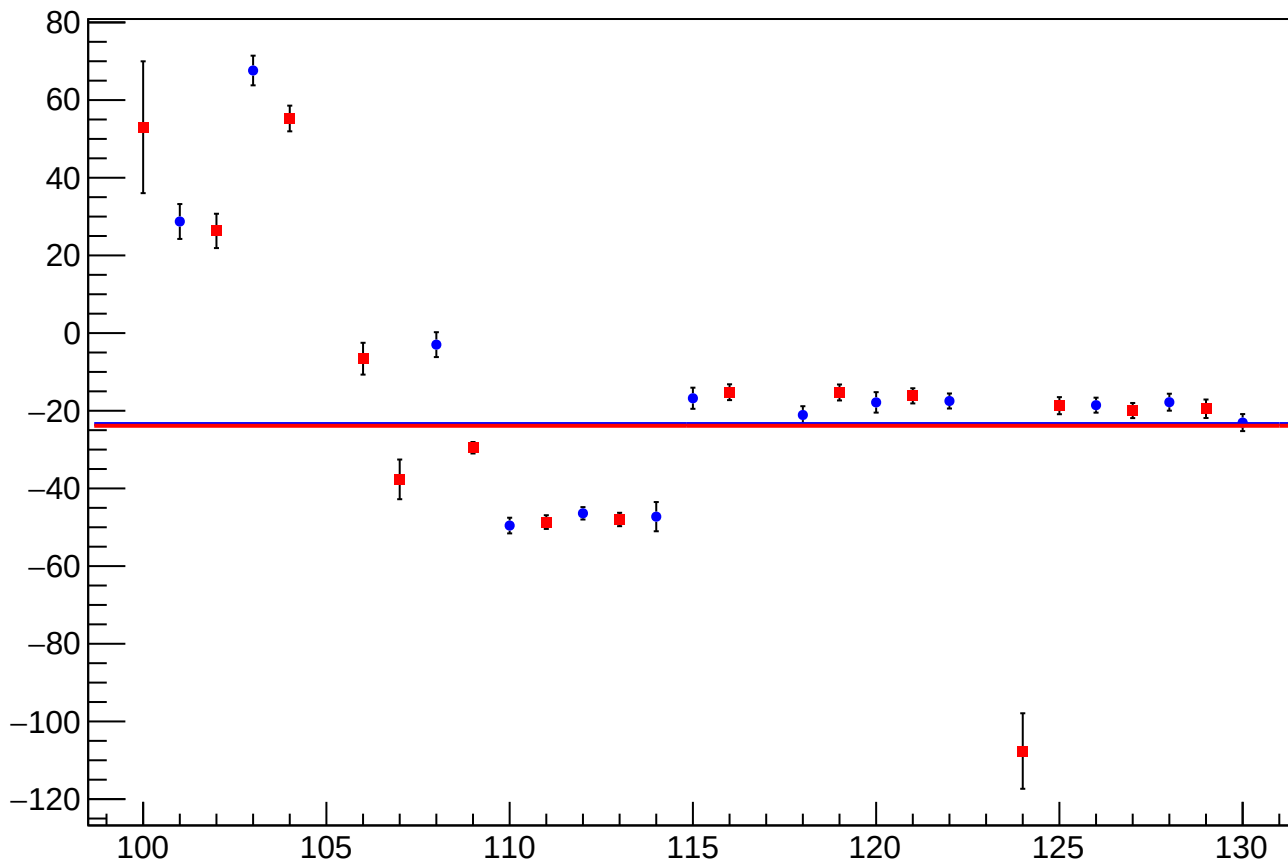
Right: 14.697+/-0.028 χ^2/NDF : 560245.6/27

In: 16.343+/-0.039 χ^2/NDF :204817.8/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 14.697+/-0.028 χ^2/NDF : 560245.6/27

reg_asym_at1_dd_at2_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -23.426 $\pm$ 0.652 χ^2 /NDF: 1192.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -23.865 $\pm$ 0.602 χ^2 /NDF: 1292.7/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

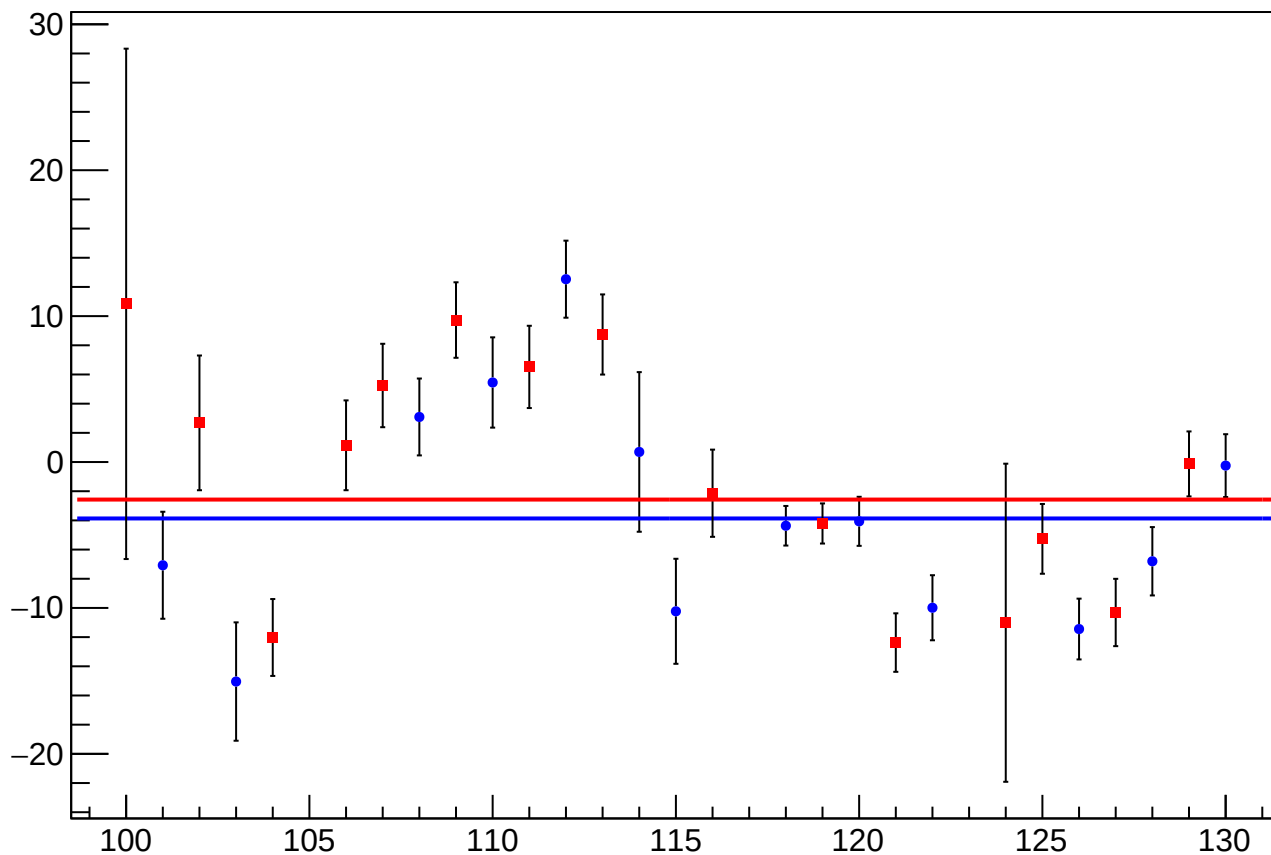
Right: -23.663 $\pm$ 0.442 χ^2 /NDF: 2485.9/27

In: -23.426 $\pm$ 0.652 χ^2 /NDF:1192.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -23.663 $\pm$ 0.442 χ^2 /NDF: 2485.9/27

reg_asym_at1_dd_at2_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.868 ± 0.650 χ^2/NDF : 92.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.573 ± 0.660 χ^2/NDF : 113.3/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

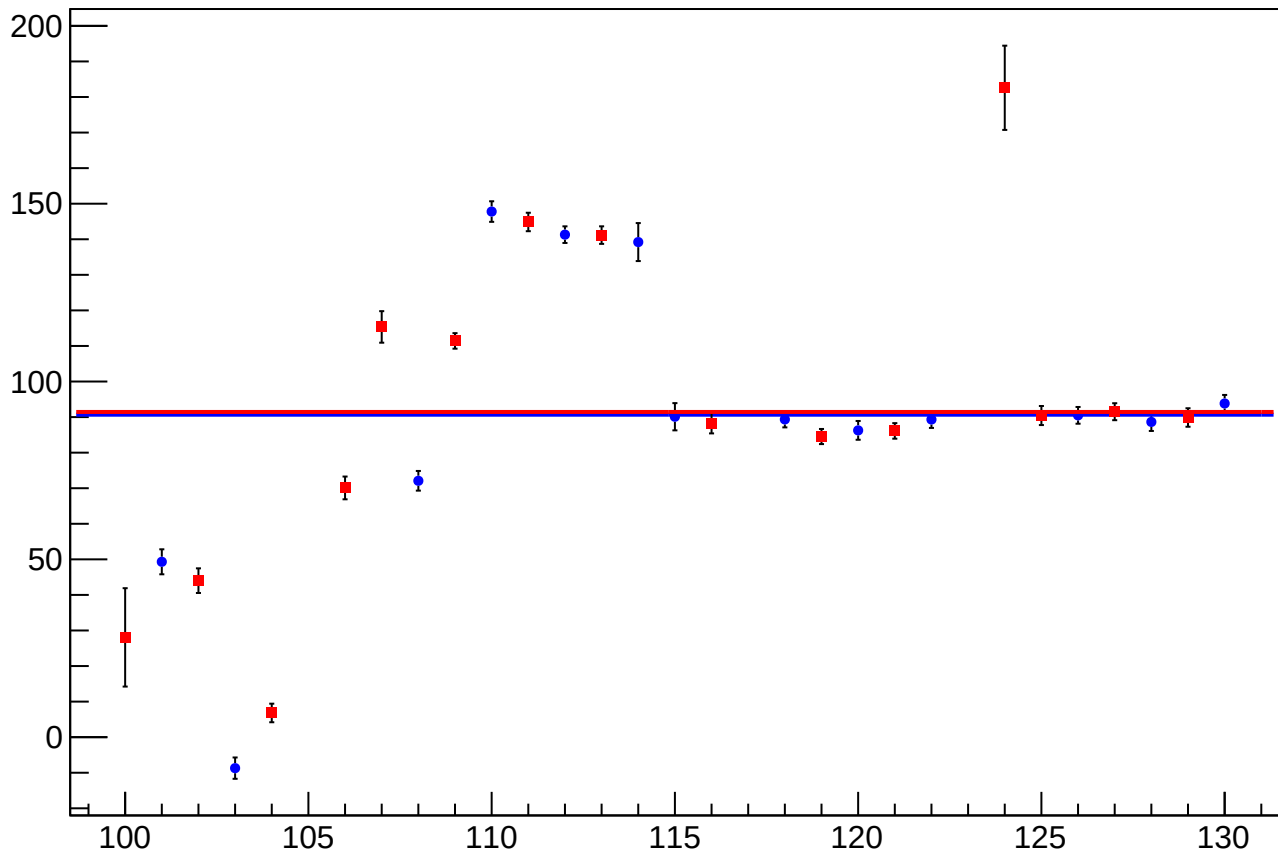
Right: -3.230 ± 0.463 χ^2/NDF : 207.4/27

In: -3.868 ± 0.650 χ^2/NDF : 92.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.230 ± 0.463 χ^2/NDF : 207.4/27

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 90.672 $\pm$ 0.754 χ^2 /NDF: 2231.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 91.444 $\pm$ 0.720 χ^2 /NDF: 2325.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

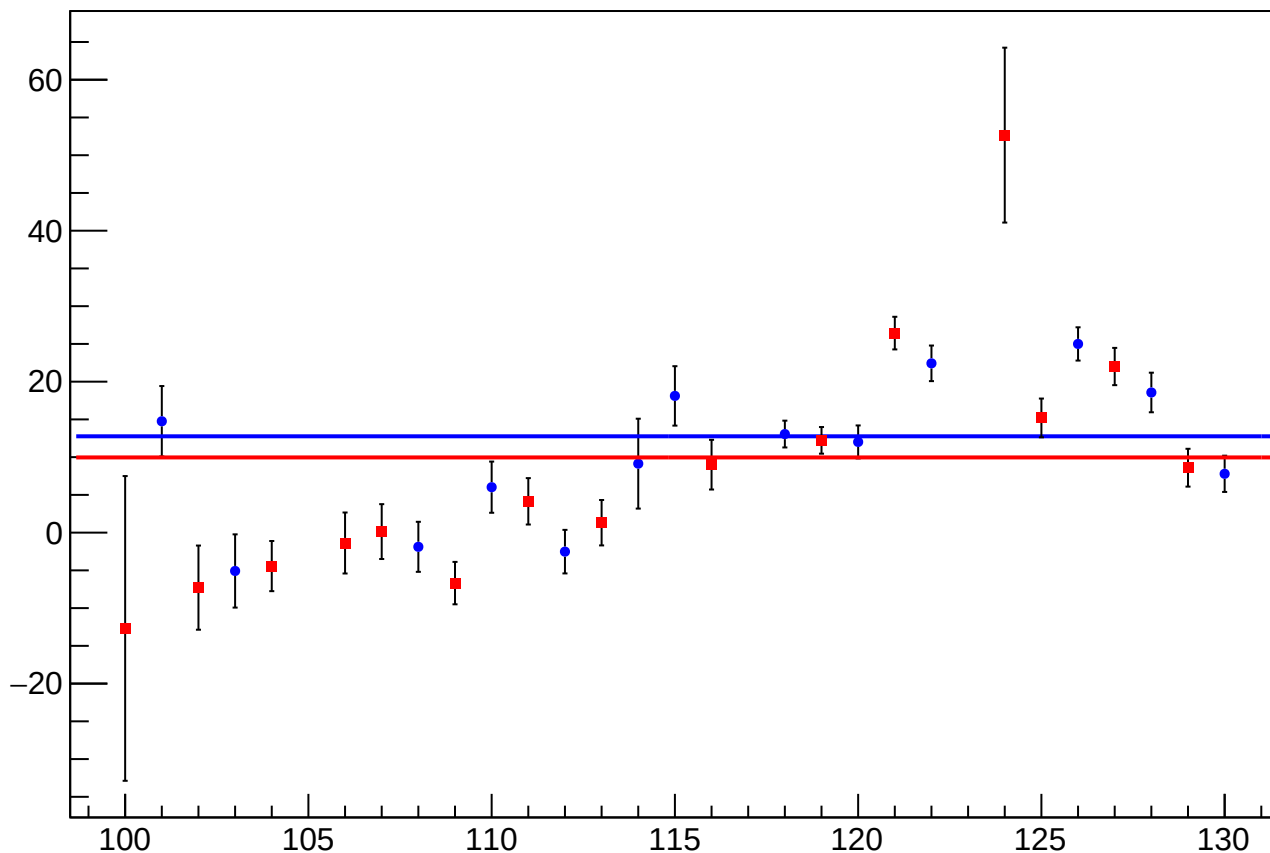
Right: 91.076 $\pm$ 0.521 χ^2 /NDF: 4557.6/27

In: 90.672 $\pm$ 0.754 χ^2 /NDF:2231.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 91.076 $\pm$ 0.521 χ^2 /NDF: 4557.6/27

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 12.761 $\pm$ 0.765 χ^2 /NDF: 124.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 9.963 $\pm$ 0.764 χ^2 /NDF: 193.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

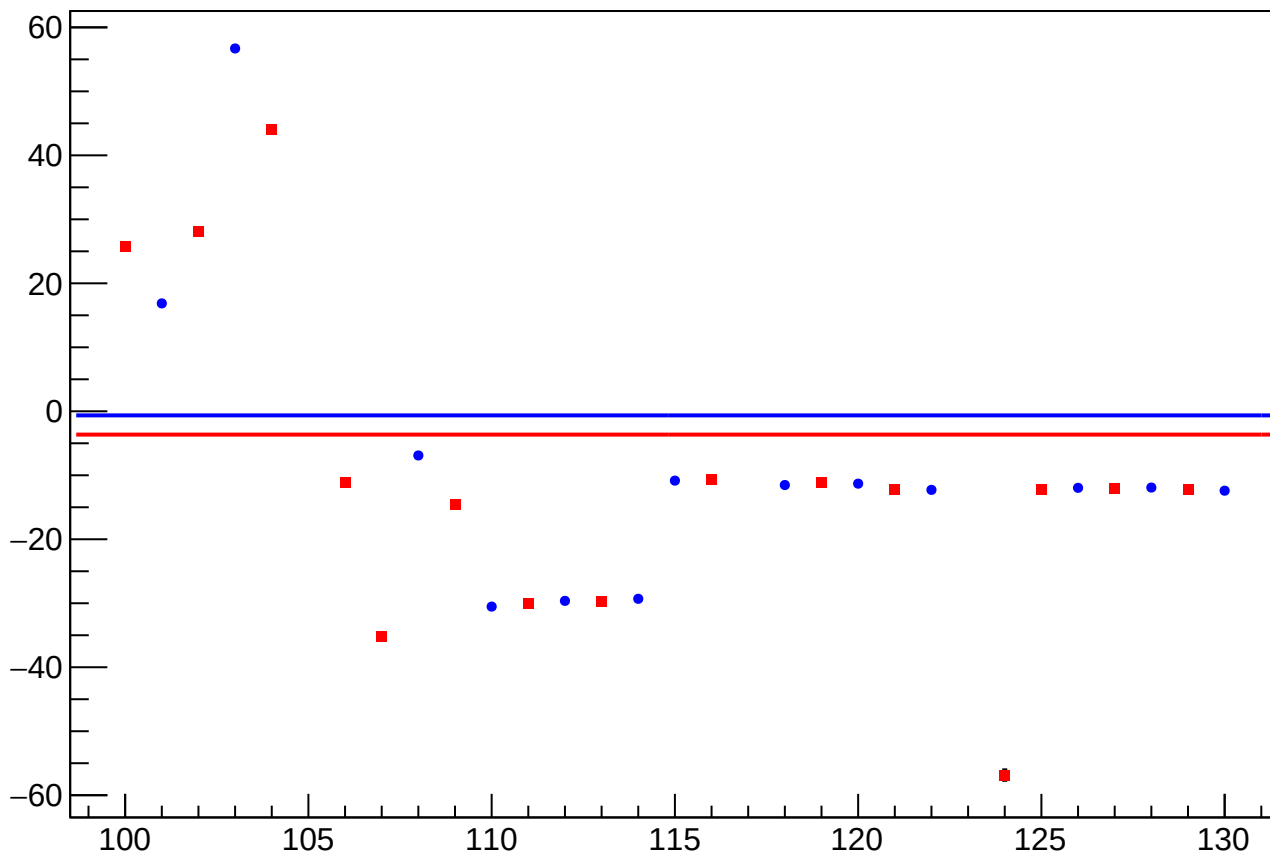
Right: 11.360 $\pm$ 0.540 χ^2 /NDF: 324.5/27

In: 12.761 $\pm$ 0.765 χ^2 /NDF:124.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 11.360 $\pm$ 0.540 χ^2 /NDF: 324.5/27

reg_asym_at1_dd_at2_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.640+/-0.050 χ^2/NDF : 285545.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.643+/-0.048 χ^2/NDF : 277282.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

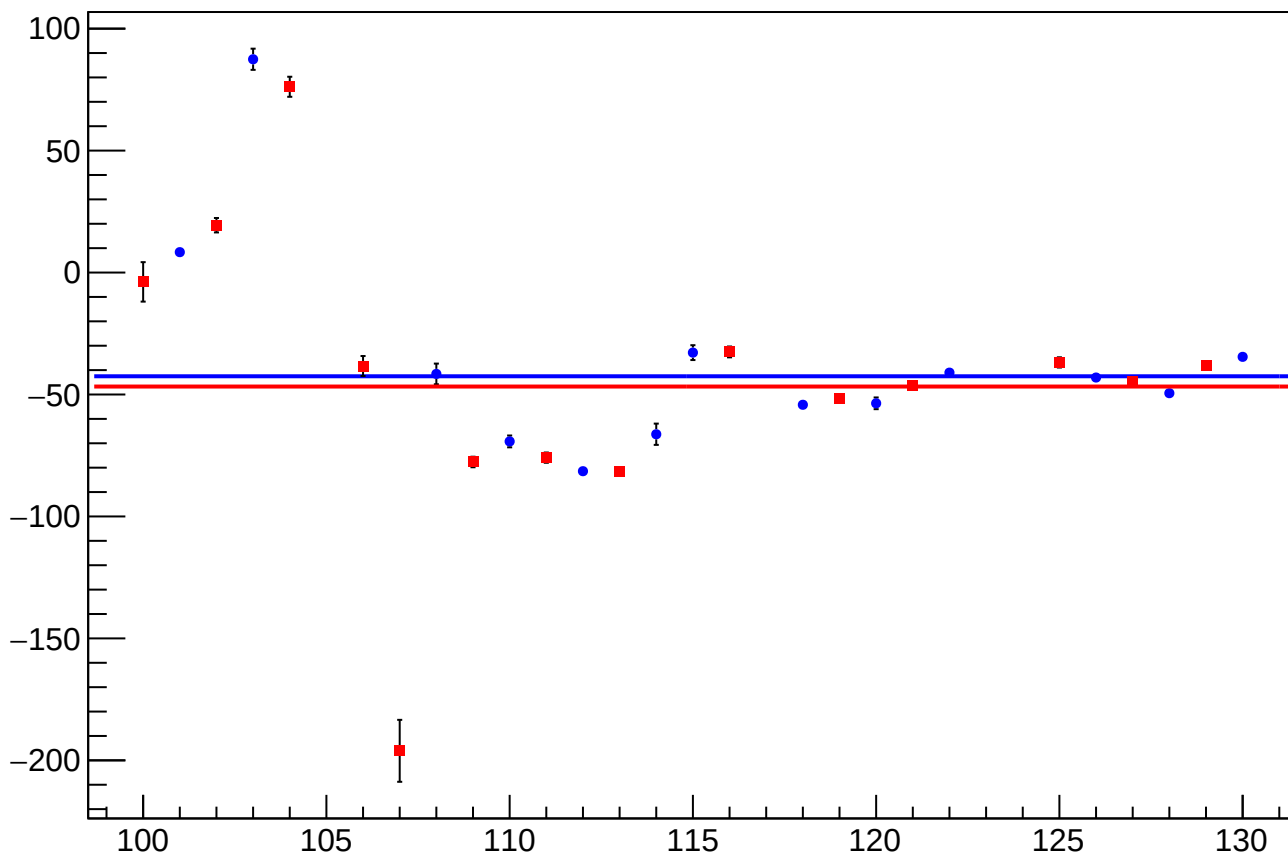
Right: -2.212+/-0.035 χ^2/NDF : 564690.8/27

In: -0.640+/-0.050 χ^2/NDF :285545.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.212+/-0.035 χ^2/NDF : 564690.8/27

reg_asym_usl_atl1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -42.527 ± 0.630 χ^2/NDF : 2203.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -46.735 ± 0.632 χ^2/NDF : 2347.2/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

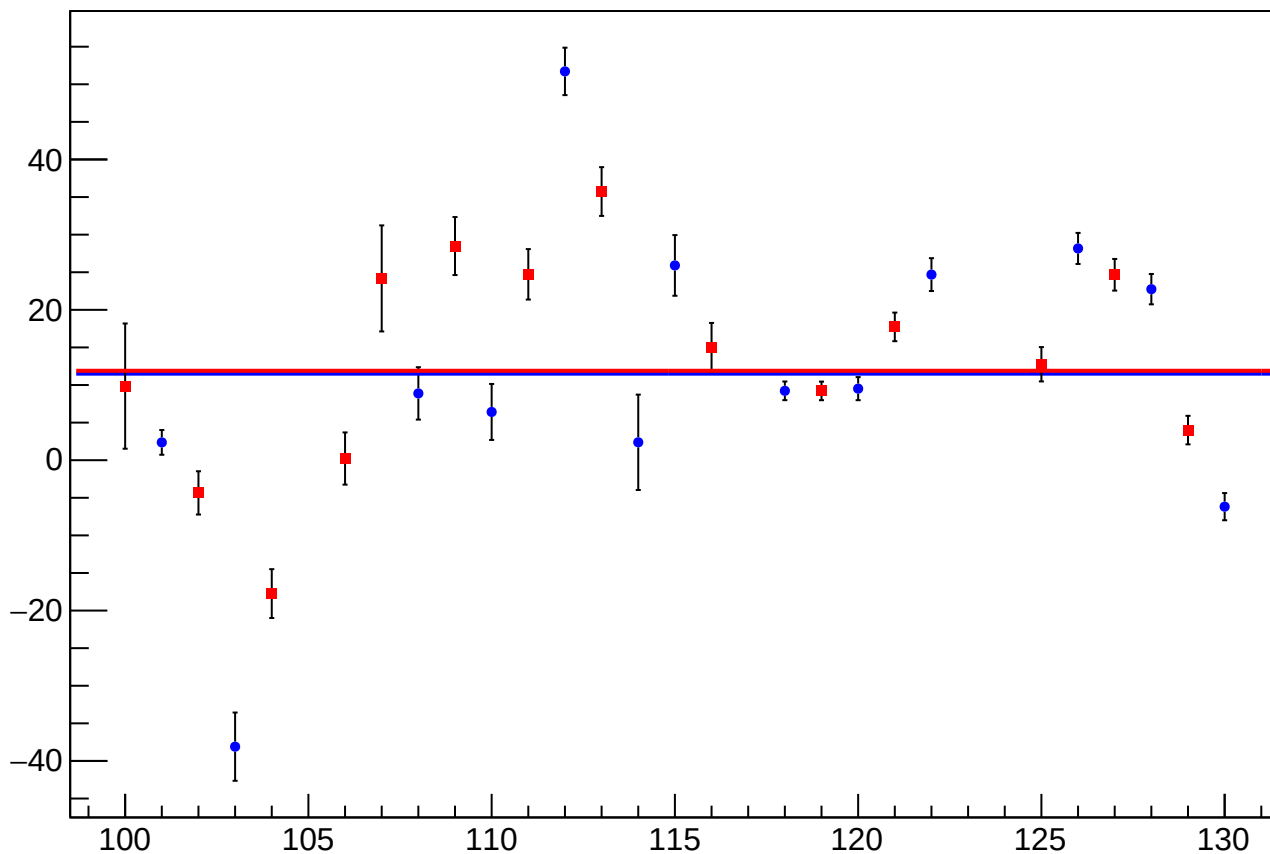
Right: -44.626 ± 0.446 χ^2/NDF : 4573.1/26

In: -42.527 ± 0.630 χ^2/NDF : 2203.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -44.626 ± 0.446 χ^2/NDF : 4573.1/26

reg_asym_usl_atl1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.513+/-0.595 χ^2/NDF : 563.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.896+/-0.659 χ^2/NDF : 285.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

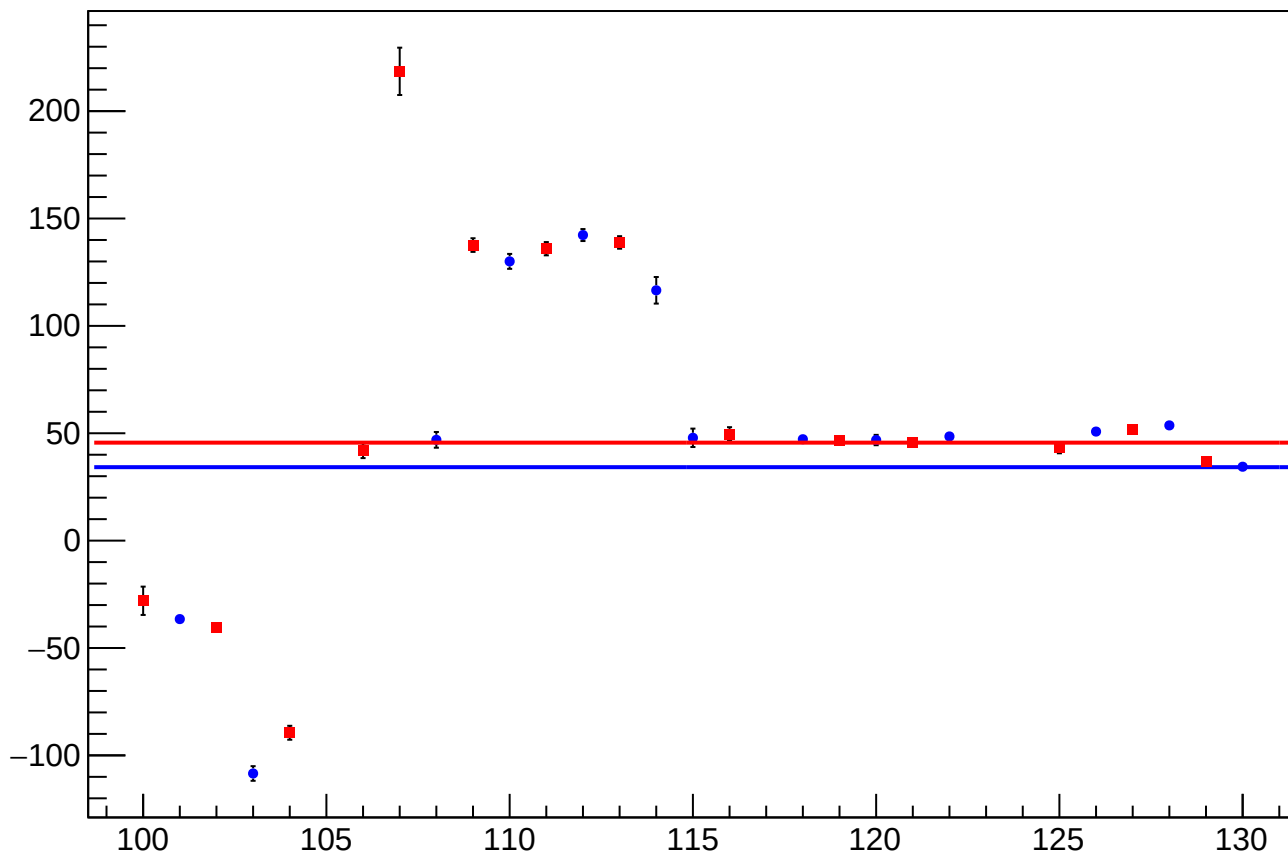
Right: 11.685+/-0.441 χ^2/NDF : 849.1/26

In: 11.513+/-0.595 χ^2/NDF : 563.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.685+/-0.441 χ^2/NDF : 849.1/26

reg_asym_usl_atl1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 34.207+/-0.690 χ^2 /NDF: 6477.5/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 45.626+/-0.726 χ^2 /NDF: 6234.4/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

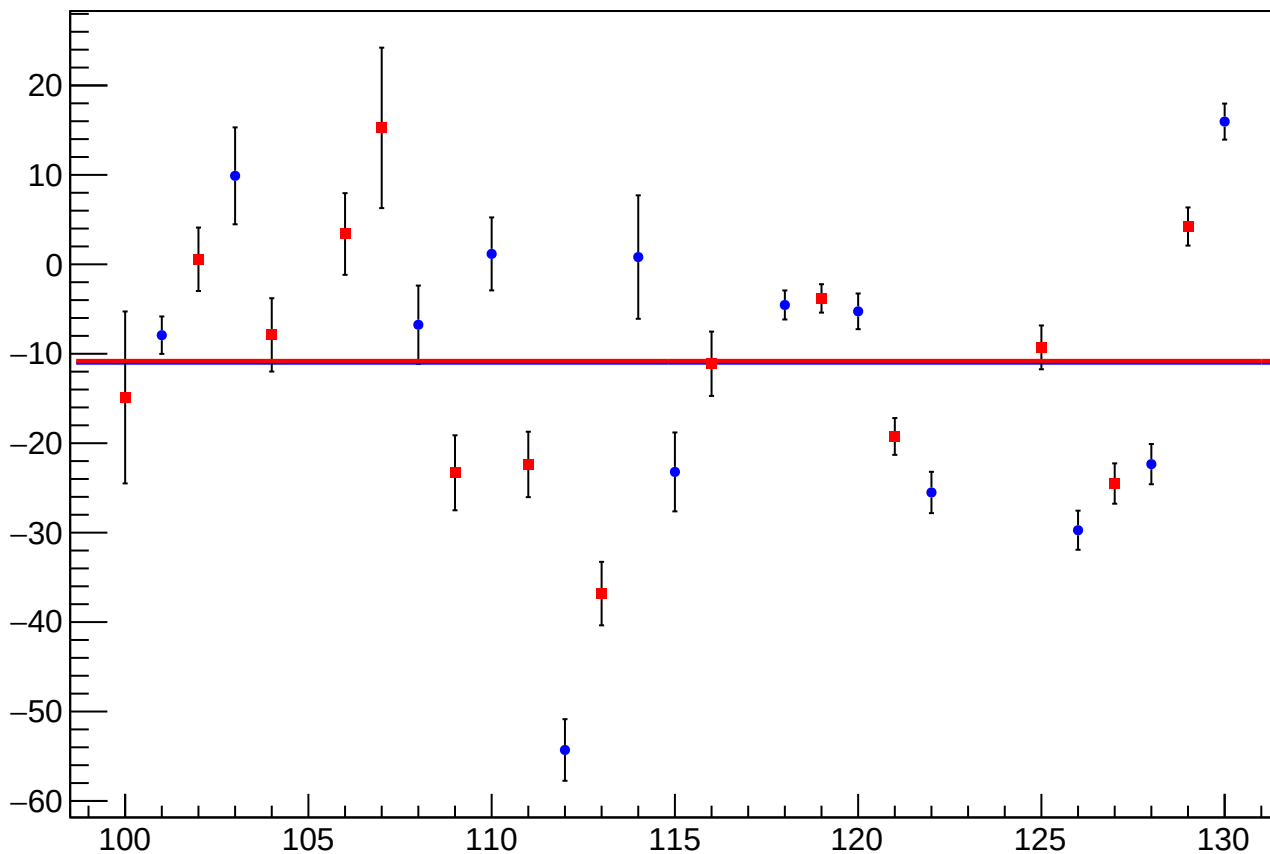
Right: 39.626+/-0.500 χ^2 /NDF: 12842.1/26

In: 34.207+/-0.690 χ^2 /NDF:6477.5/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 39.626+/-0.500 χ^2 /NDF: 12842.1/26

reg_asym_usl_atl1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -10.998 ± 0.707 χ^2/NDF : 536.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -10.791 ± 0.764 χ^2/NDF : 224.9/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

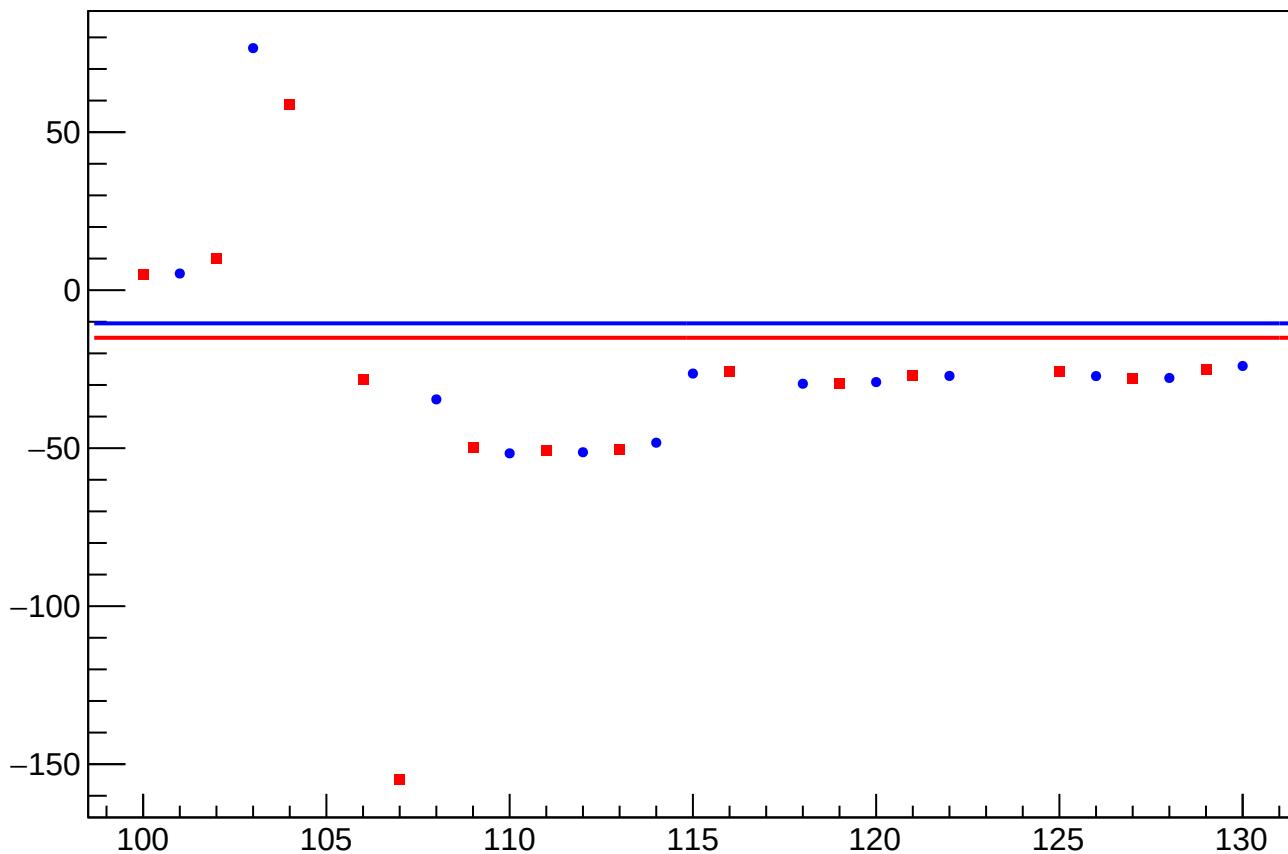
Right: -10.903 ± 0.519 χ^2/NDF : 761.6/26

In: -10.998 ± 0.707 χ^2/NDF : 536.7/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -10.903 ± 0.519 χ^2/NDF : 761.6/26

reg_asym_usl_atl1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -10.501+/-0.047 χ^2/NDF : 549277.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -15.069+/-0.048 χ^2/NDF : 487880.1/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

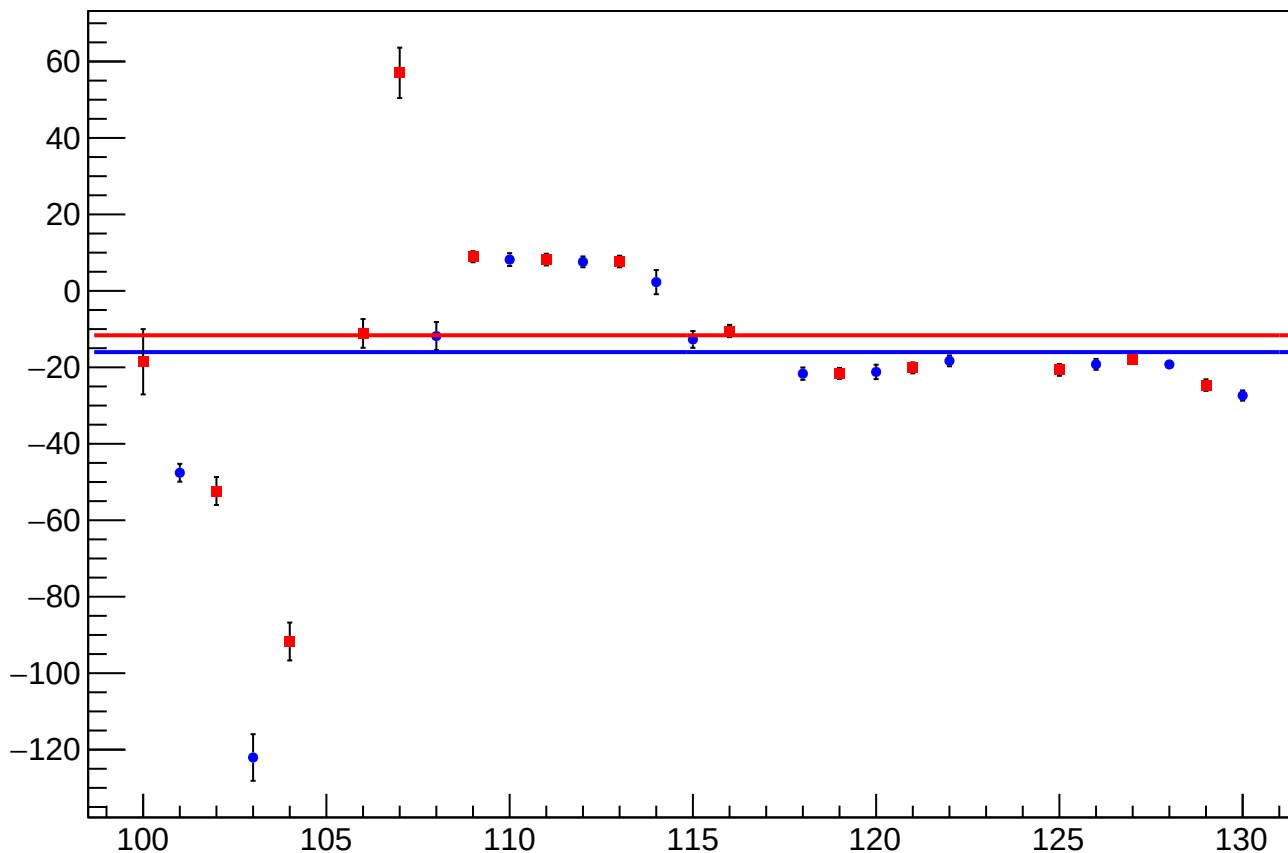
Right: -12.720+/-0.034 χ^2/NDF : 1041751.5/26

In: -10.501+/-0.047 χ^2/NDF :549277.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -12.720+/-0.034 χ^2/NDF : 1041751.5/26

reg_asym_usl_atl1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -16.017 ± 0.485 $\chi^2/\text{NDF}: 1113.5/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -11.615 ± 0.476 $\chi^2/\text{NDF}: 1246.4/13$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

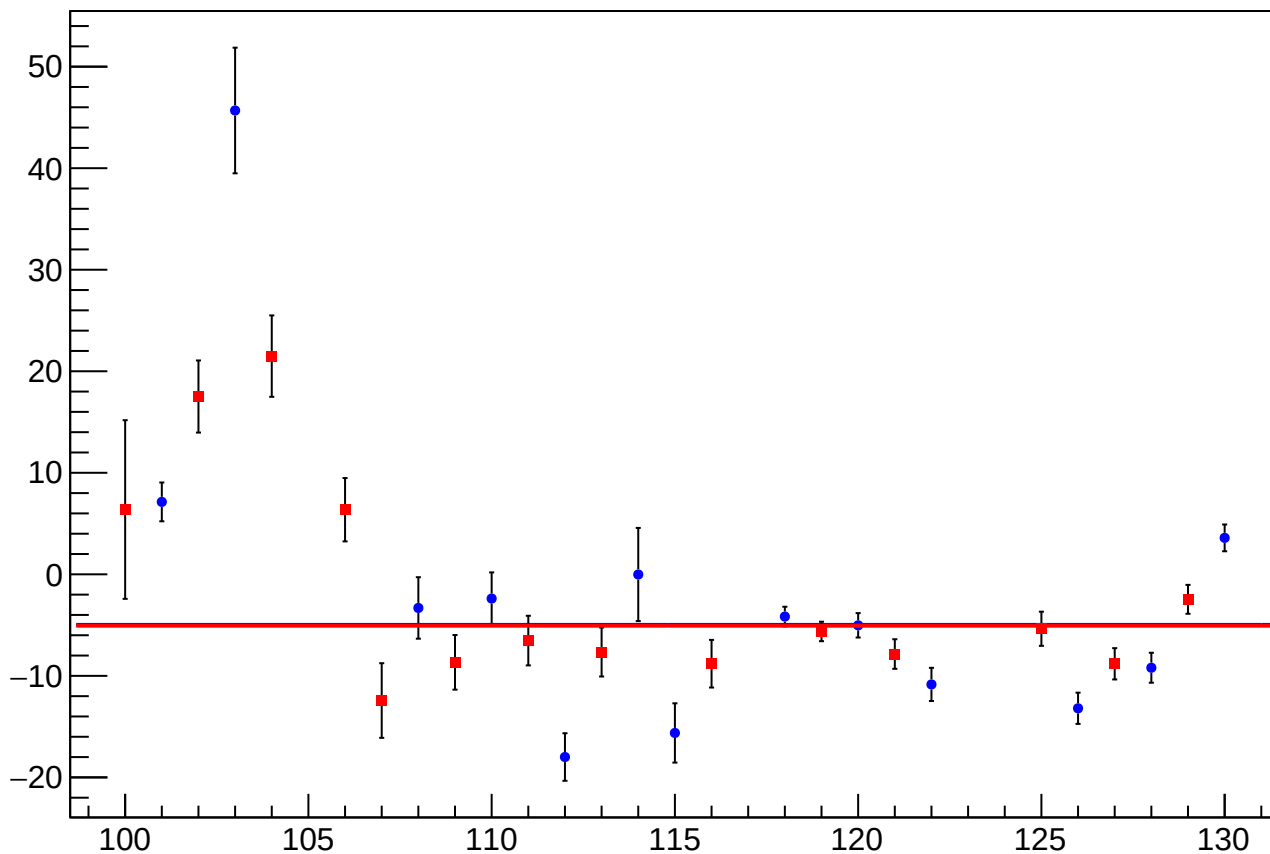
Right: -13.774 ± 0.340 $\chi^2/\text{NDF}: 2401.8/26$

In: -16.017 ± 0.485 $\chi^2/\text{NDF}: 1113.5/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -13.774 ± 0.340 $\chi^2/\text{NDF}: 2401.8/26$

reg_asym_usl_atl1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.982+/-0.472 χ^2/NDF : 246.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.057+/-0.512 χ^2/NDF : 122.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

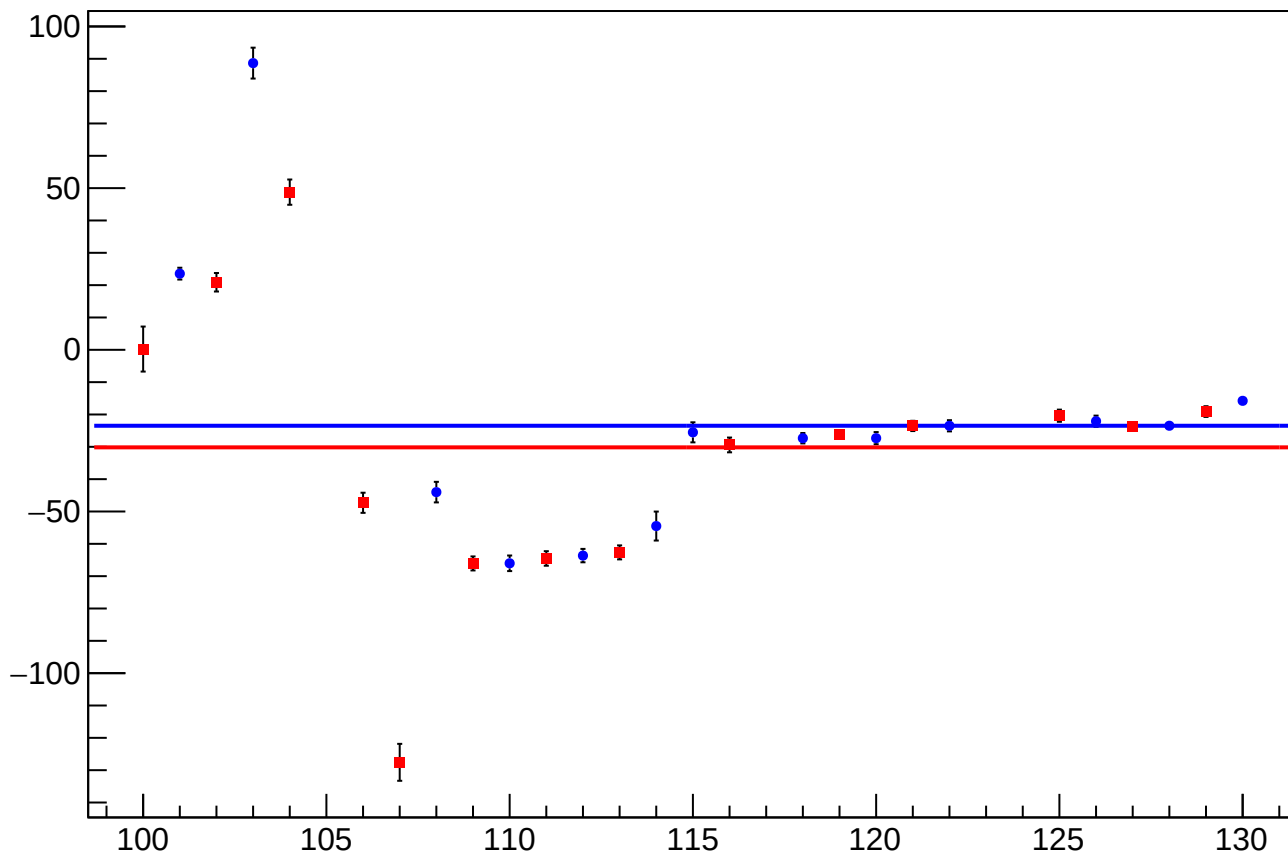
Right: -5.016+/-0.347 χ^2/NDF : 368.9/26

In: -4.982+/-0.472 χ^2/NDF : 246.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.016+/-0.347 χ^2/NDF : 368.9/26

reg_asym_usl_atl1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -23.484+/-0.557 χ^2/NDF : 2030.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -30.165+/-0.571 χ^2/NDF : 1914.3/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

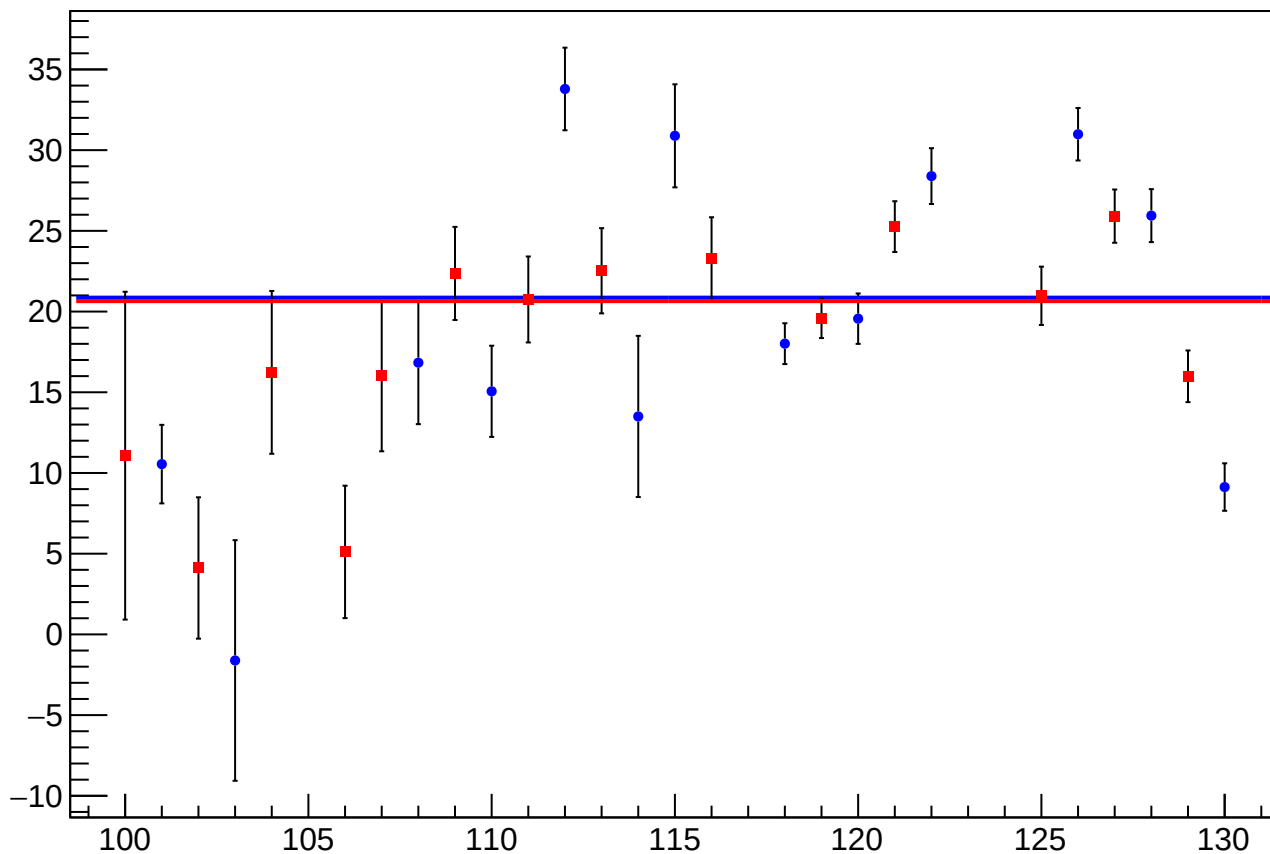
Right: -26.742+/-0.399 χ^2/NDF : 4014.9/26

In: -23.484+/-0.557 χ^2/NDF :2030.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -26.742+/-0.399 χ^2/NDF : 4014.9/26

reg_asym_usl_atl1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.863+/-0.554 χ^2/NDF : 206.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.646+/-0.588 χ^2/NDF : 61.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

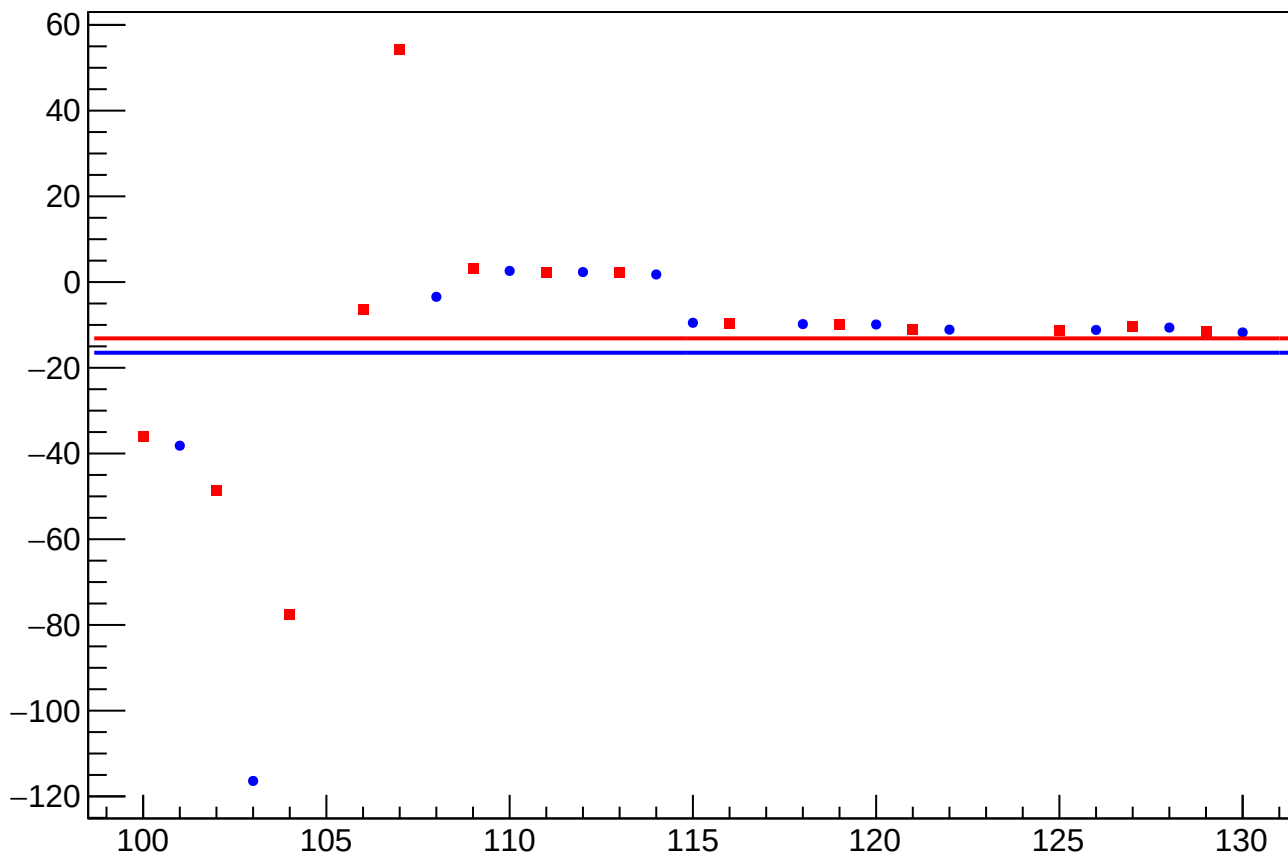
Right: 20.761+/-0.403 χ^2/NDF : 268.0/26

In: 20.863+/-0.554 χ^2/NDF : 206.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.761+/-0.403 χ^2/NDF : 268.0/26

reg_asym_usl_atl1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.488 $\pm$ 0.041 χ^2 /NDF: 330741.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -13.136 $\pm$ 0.041 χ^2 /NDF: 310774.1/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

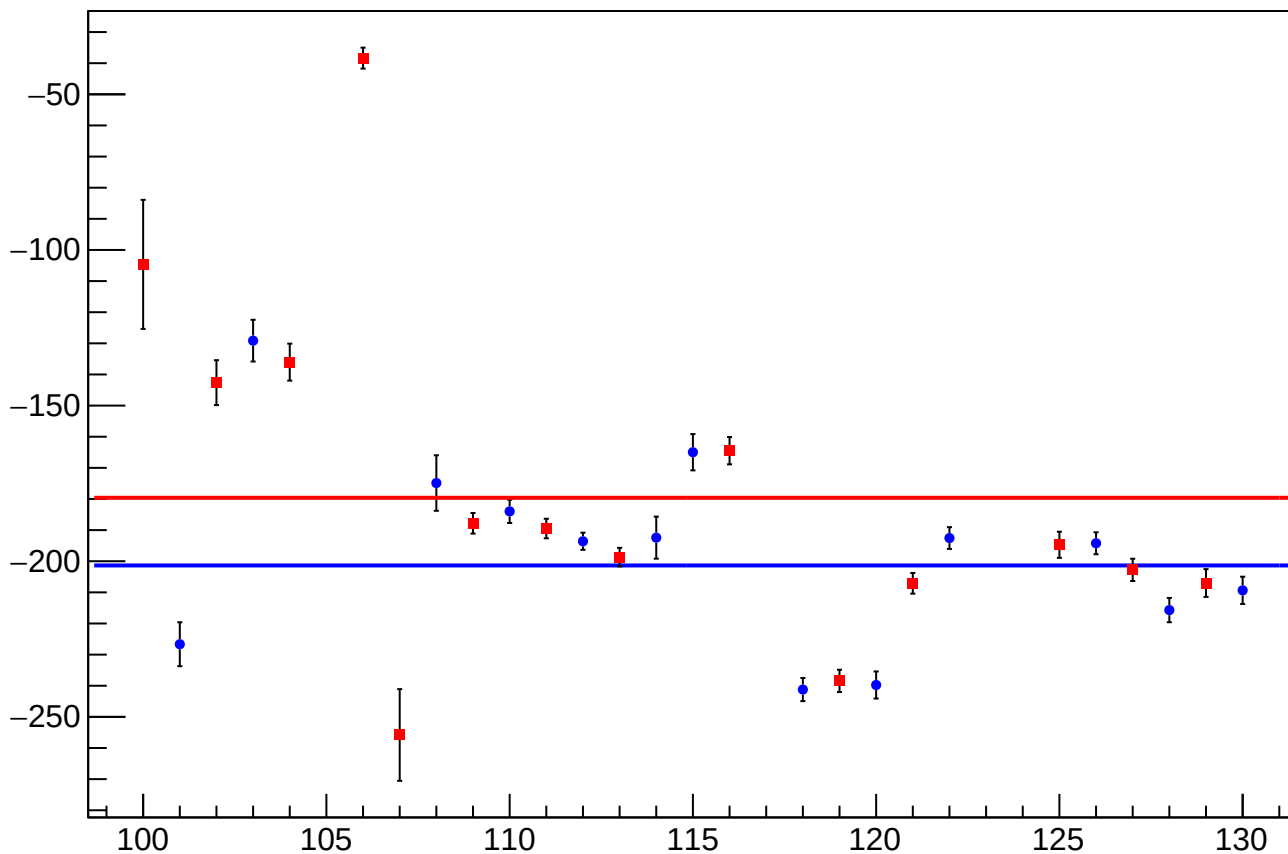
Right: -14.833 $\pm$ 0.029 χ^2 /NDF: 644897.4/26

In: -16.488 $\pm$ 0.041 χ^2 /NDF:330741.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -14.833 $\pm$ 0.029 χ^2 /NDF: 644897.4/26

reg_asym_usl_atl2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -201.356+/-1.183 χ^2 /NDF: 427.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -179.616+/-1.082 χ^2 /NDF: 2383.5/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

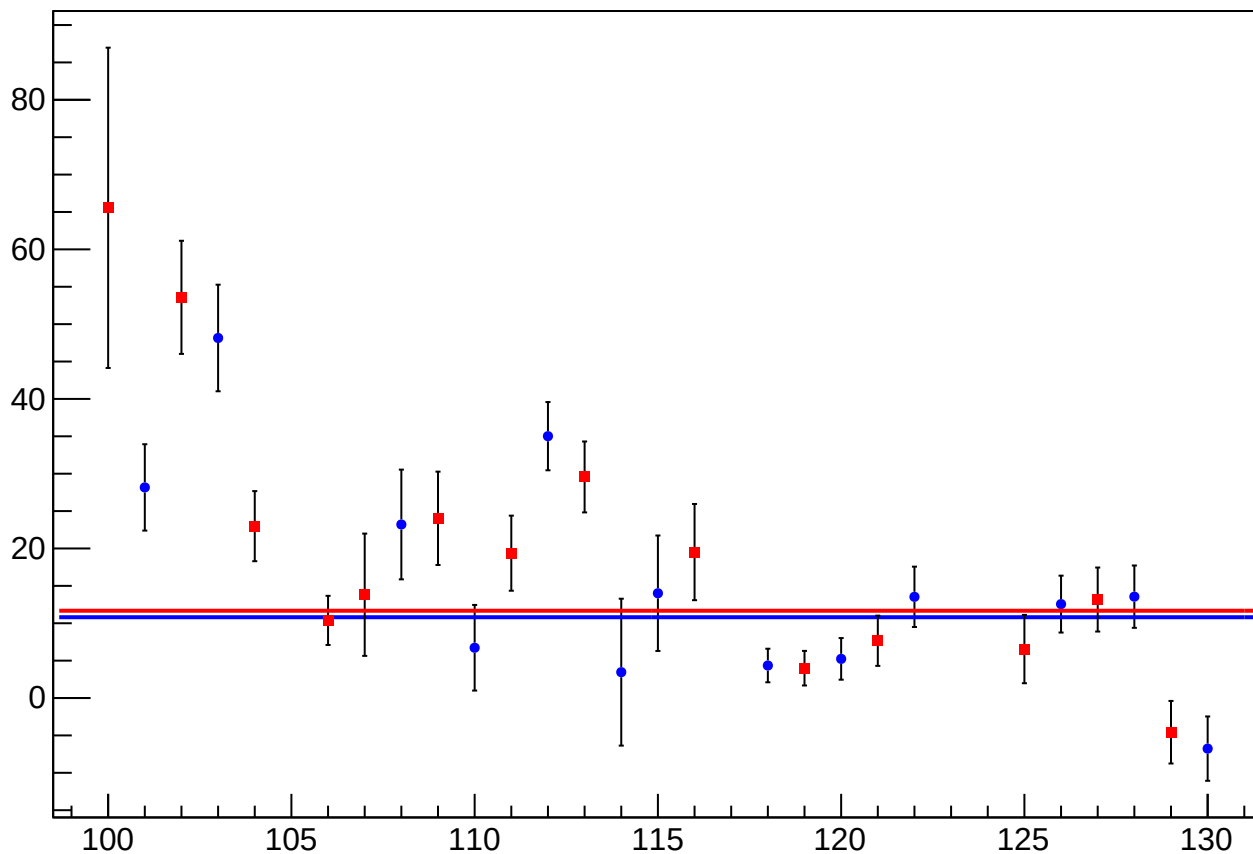
Right: -189.514+/-0.798 χ^2 /NDF: 2995.0/26

In: -201.356+/-1.183 χ^2 /NDF:427.7/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -189.514+/-0.798 χ^2 /NDF: 2995.0/26

reg_asym_usl_atl2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.805+/-1.160 χ^2 /NDF: 98.8/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 11.674+/-1.161 χ^2 /NDF: 94.0/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

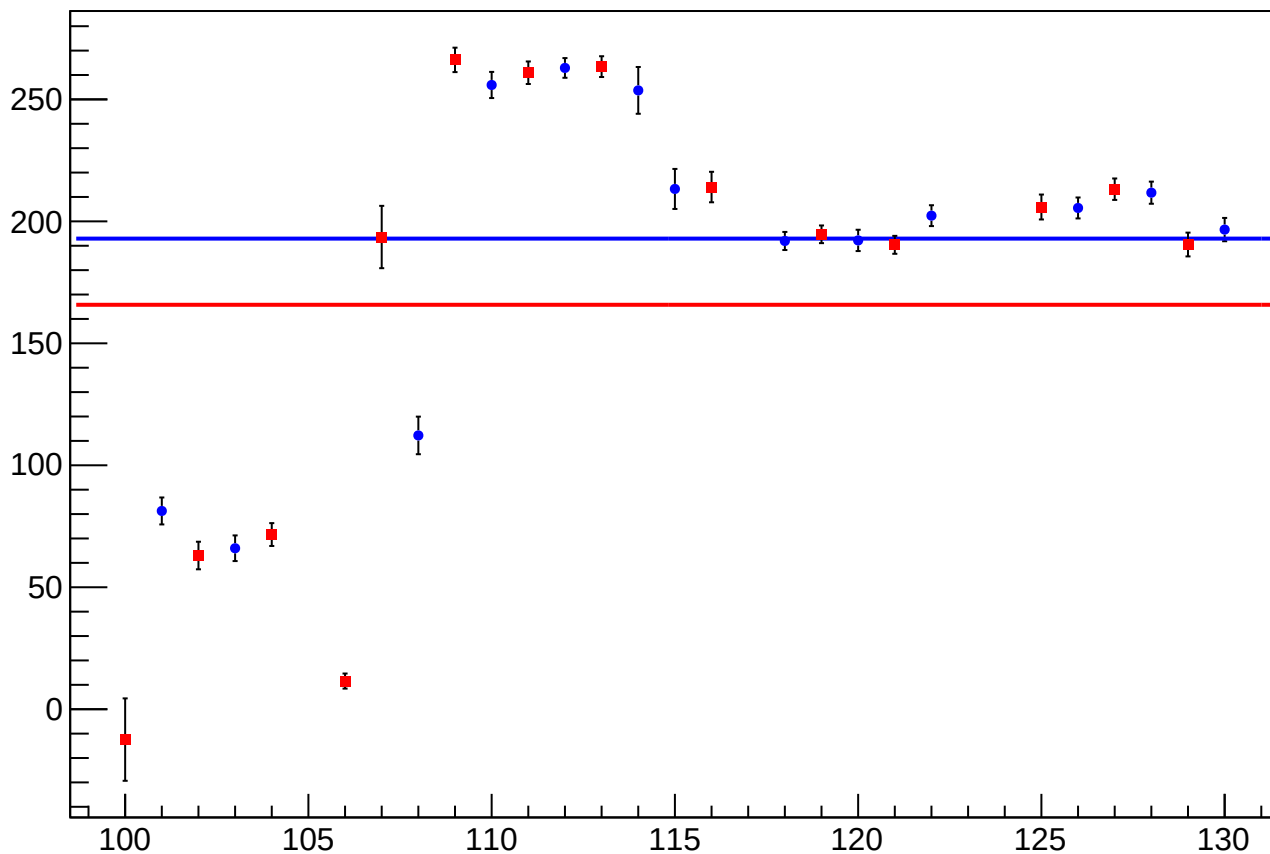
Right: 11.239+/-0.821 χ^2 /NDF: 193.1/26

In: 10.805+/-1.160 χ^2 /NDF:98.8/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 11.239+/-0.821 χ^2 /NDF: 193.1/26

reg_asym_usl_atl2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 192.929+/-1.368 χ^2/NDF : 1616.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.799+/-1.249 χ^2/NDF : 5069.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

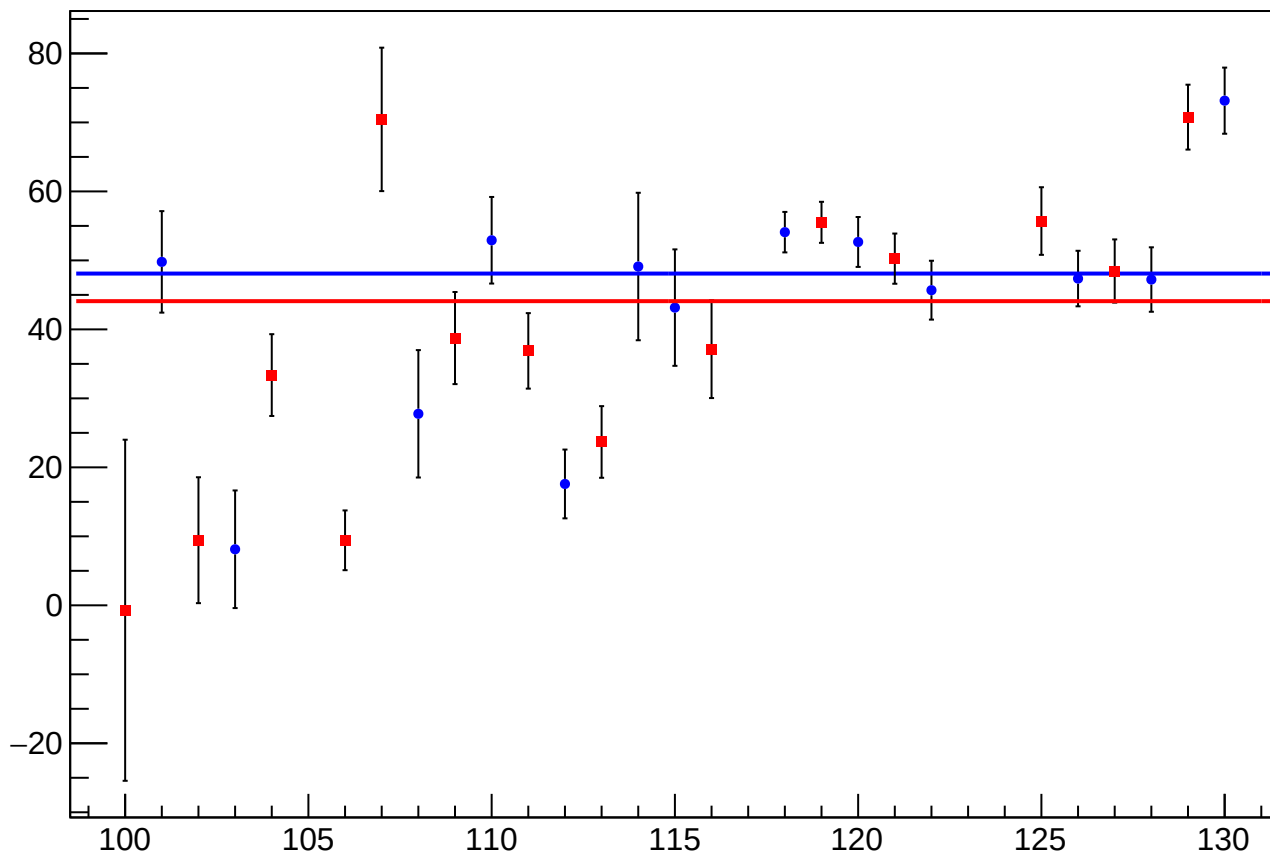
Right: 178.126+/-0.922 χ^2/NDF : 6900.4/26

In: 192.929+/-1.368 χ^2/NDF : 1616.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.126+/-0.922 χ^2/NDF : 6900.4/26

reg_asym_usl_atl2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 48.091+/-1.372 χ^2/NDF : 98.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.091+/-1.360 χ^2/NDF : 166.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

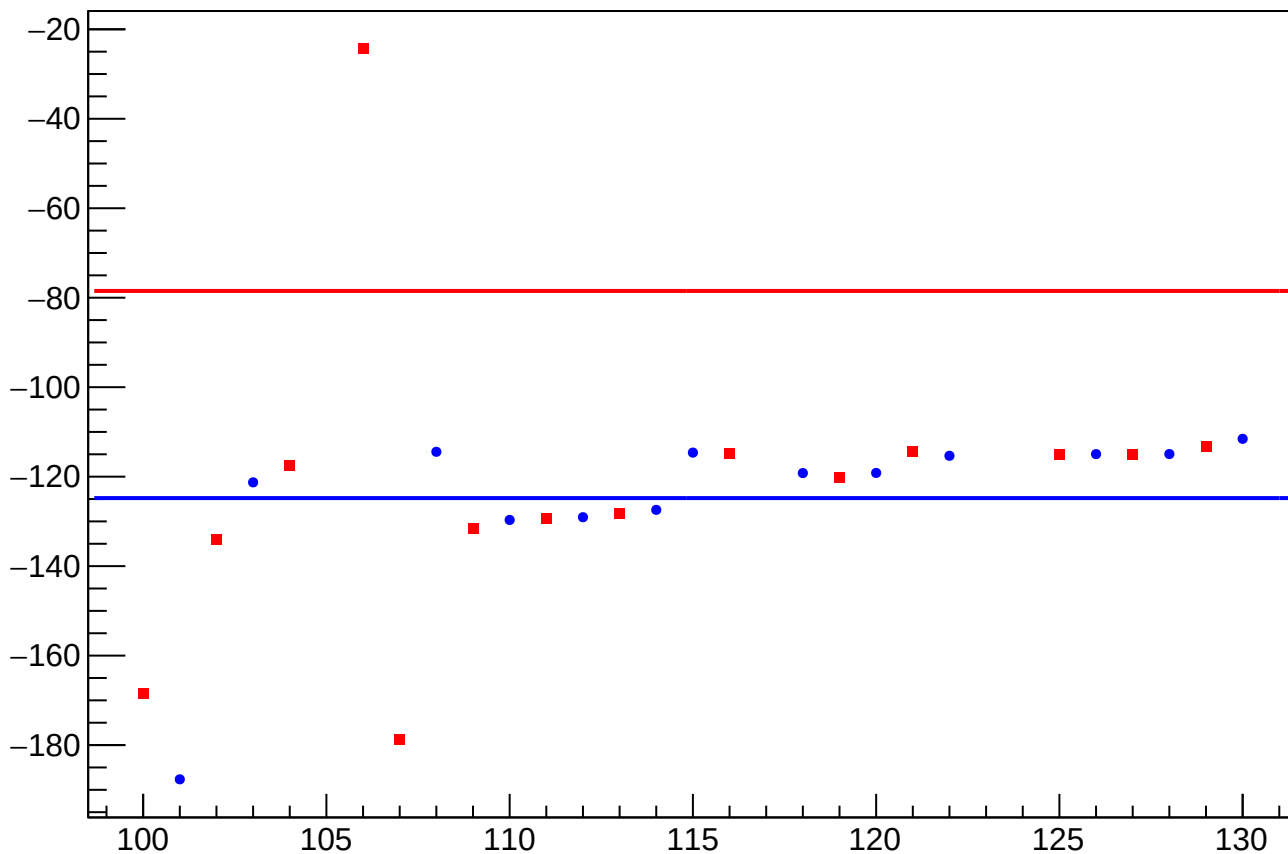
Right: 46.073+/-0.966 χ^2/NDF : 269.6/26

In: 48.091+/-1.372 χ^2/NDF : 98.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.073+/-0.966 χ^2/NDF : 269.6/26

reg_asym_usl_atl2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -124.788+/-0.095 χ^2 /NDF: 42386.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -78.487+/-0.069 χ^2 /NDF: 542952.5/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

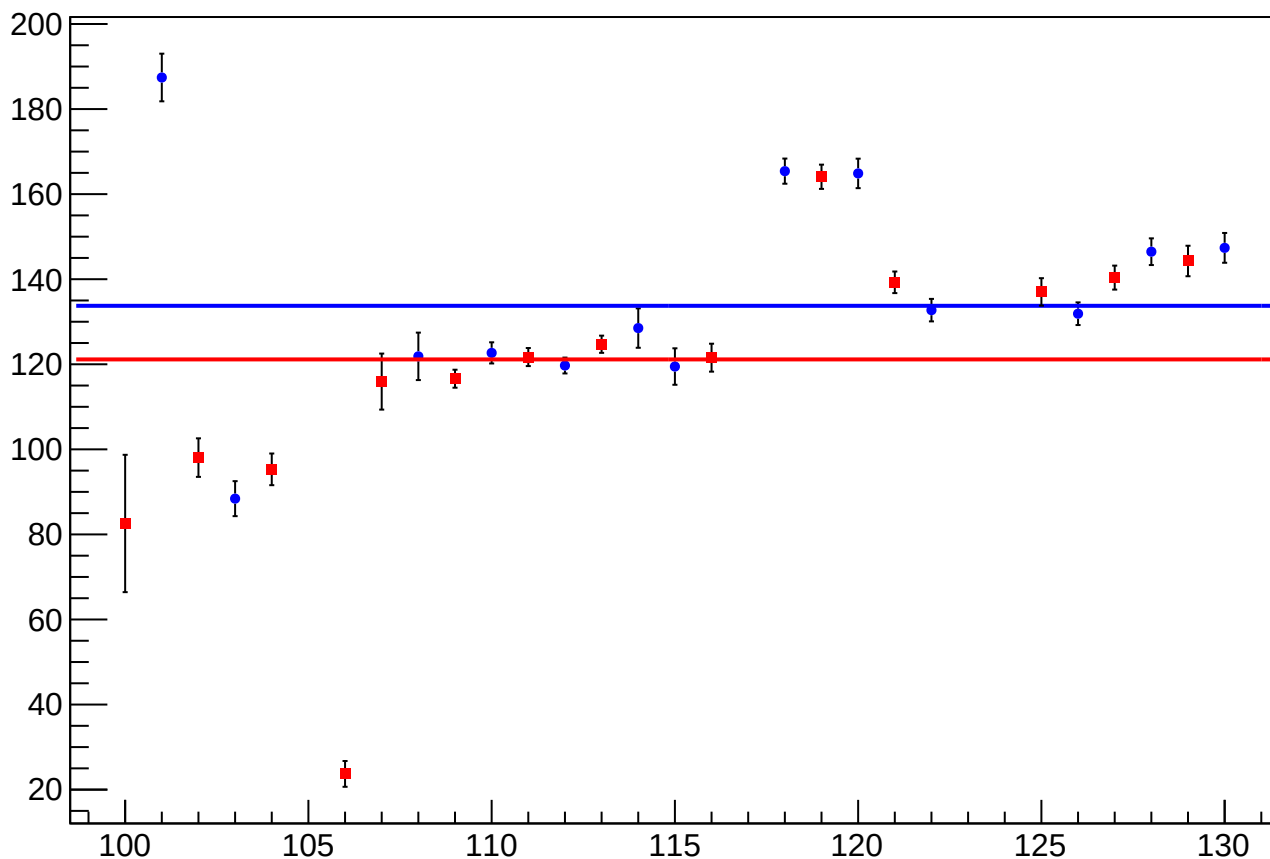
Right: -94.611+/-0.056 χ^2 /NDF: 741289.1/26

In: -124.788+/-0.095 χ^2 /NDF:42386.2/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -94.611+/-0.056 χ^2 /NDF: 741289.1/26

reg_asym_usl_atl2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 133.746+/-0.864 χ^2/NDF : 534.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.142+/-0.786 χ^2/NDF : 1511.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

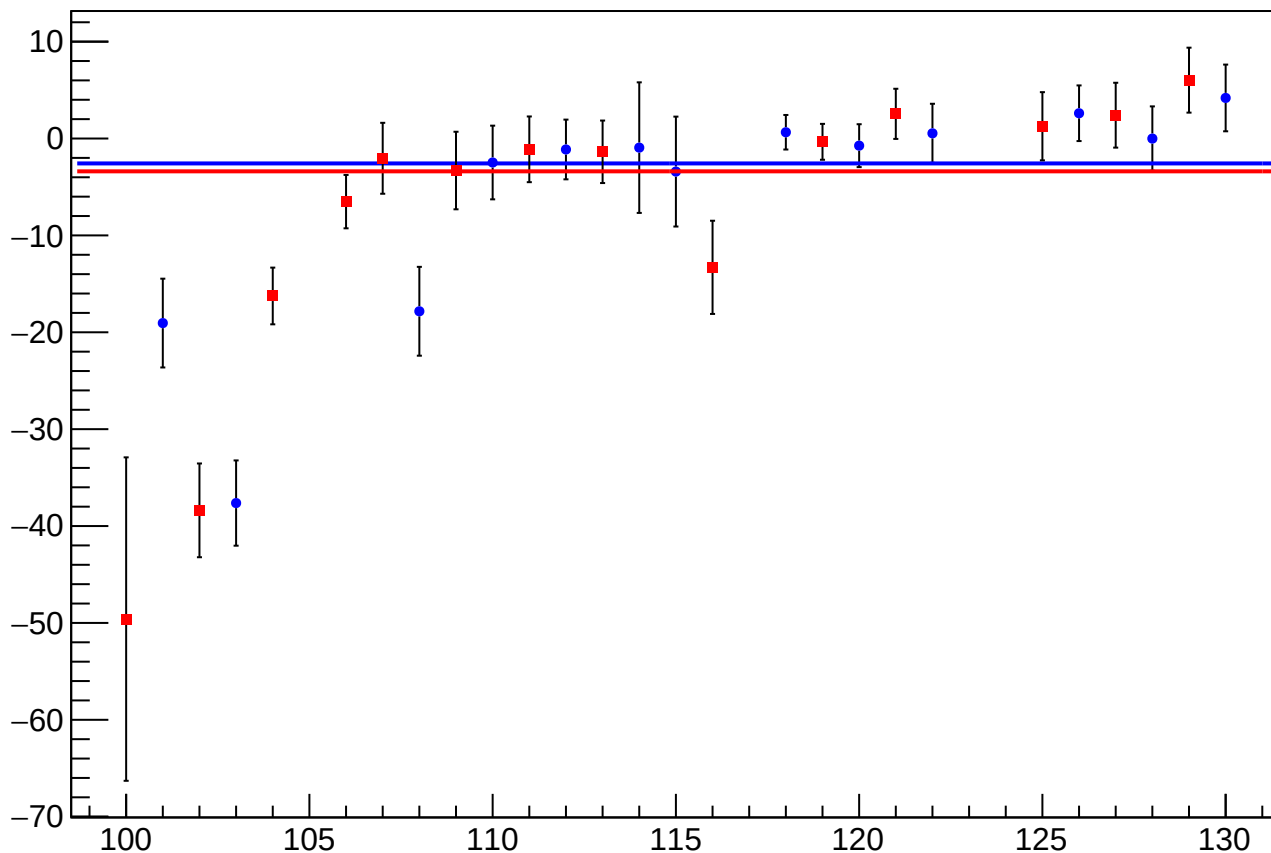
Right: 126.851+/-0.582 χ^2/NDF : 2161.6/26

In: 133.746+/-0.864 χ^2/NDF : 534.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.851+/-0.582 χ^2/NDF : 2161.6/26

reg_asym_usl_atl2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.571 ± 0.878 $\chi^2/\text{NDF}: 100.5/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -3.387 ± 0.858 $\chi^2/\text{NDF}: 106.4/13$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

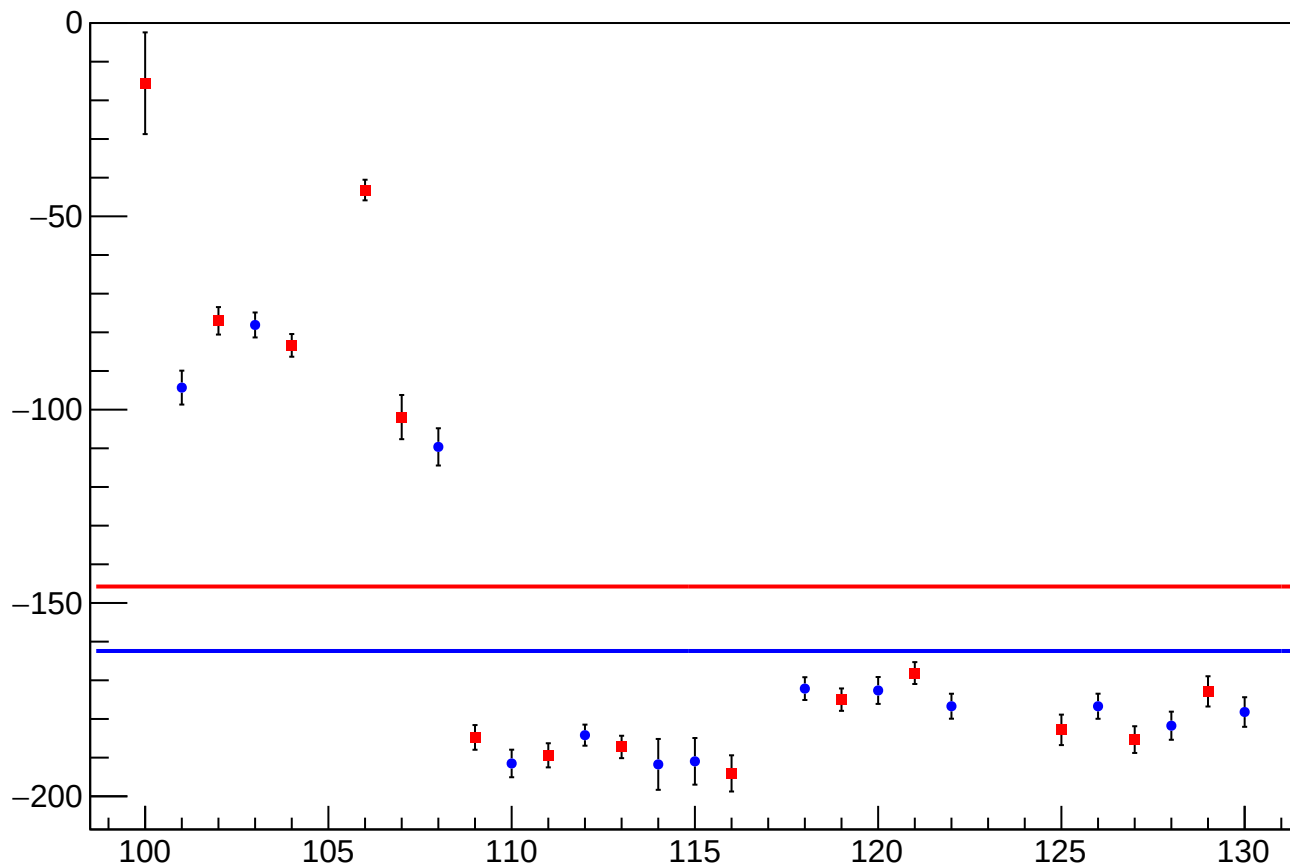
Right: -2.989 ± 0.614 $\chi^2/\text{NDF}: 207.3/26$

In: -2.571 ± 0.878 $\chi^2/\text{NDF}: 100.5/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -2.989 ± 0.614 $\chi^2/\text{NDF}: 207.3/26$

reg_asym_usl_atl2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -162.417+/-1.006 χ^2/NDF : 1320.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -145.744+/-0.915 χ^2/NDF : 3552.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

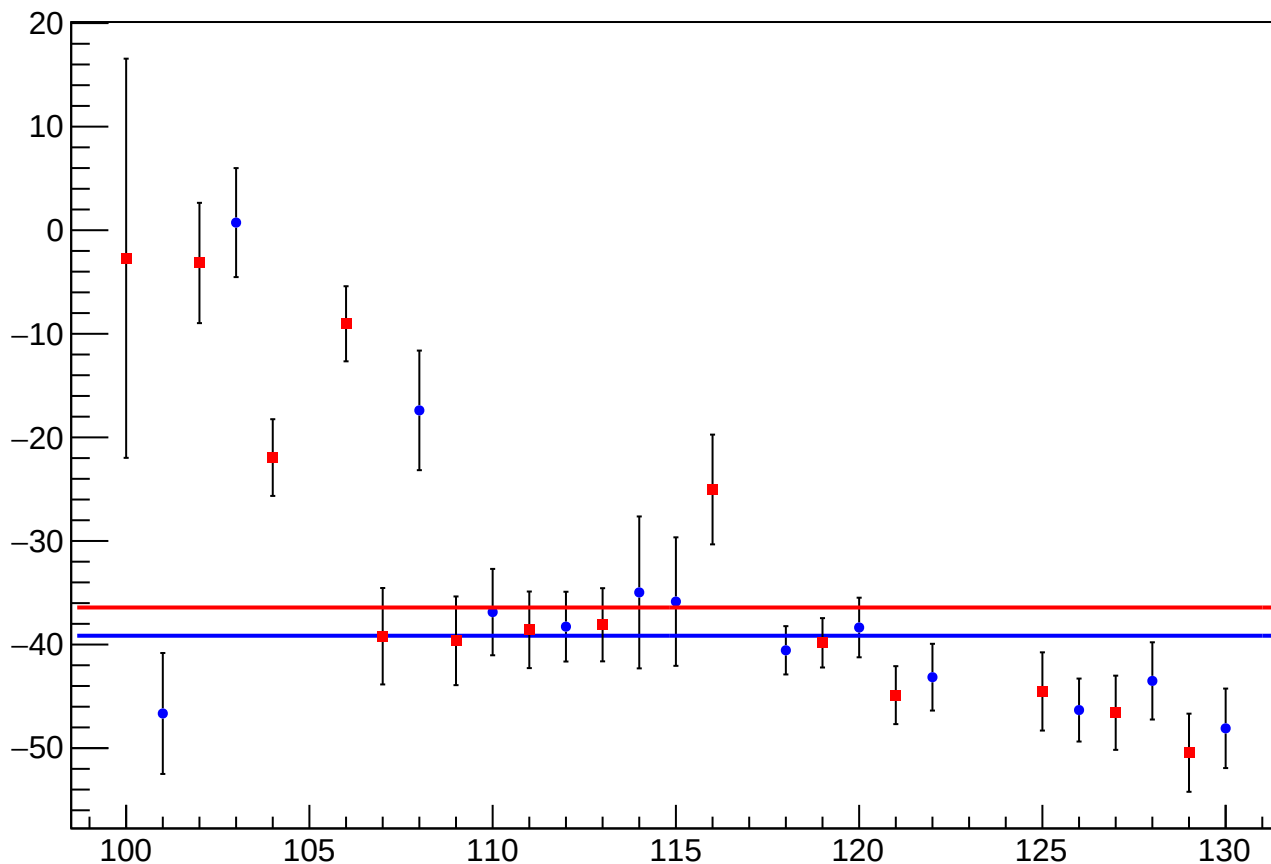
Right: -153.286+/-0.677 χ^2/NDF : 5022.8/26

In: -162.417+/-1.006 χ^2/NDF : 1320.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -153.286+/-0.677 χ^2/NDF : 5022.8/26

reg_asym_usl_atl2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -39.149+/-1.034 χ^2/NDF : 88.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.422+/-1.003 χ^2/NDF : 152.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

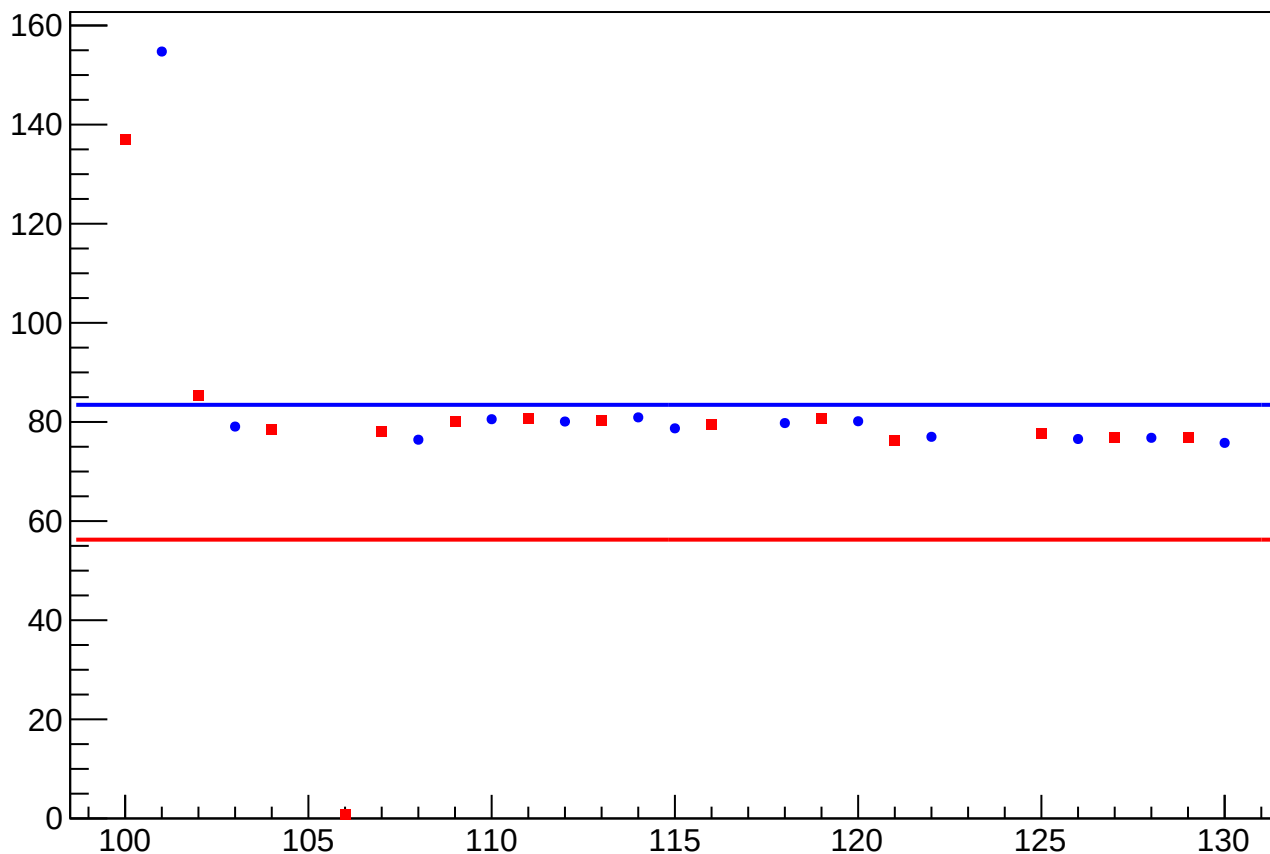
Right: -37.744+/-0.720 χ^2/NDF : 244.3/26

In: -39.149+/-1.034 χ^2/NDF : 88.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.744+/-0.720 χ^2/NDF : 244.3/26

reg_asym_usl_atl2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 83.458+/-0.067 χ^2/NDF : 79797.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.255+/-0.053 χ^2/NDF : 483436.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

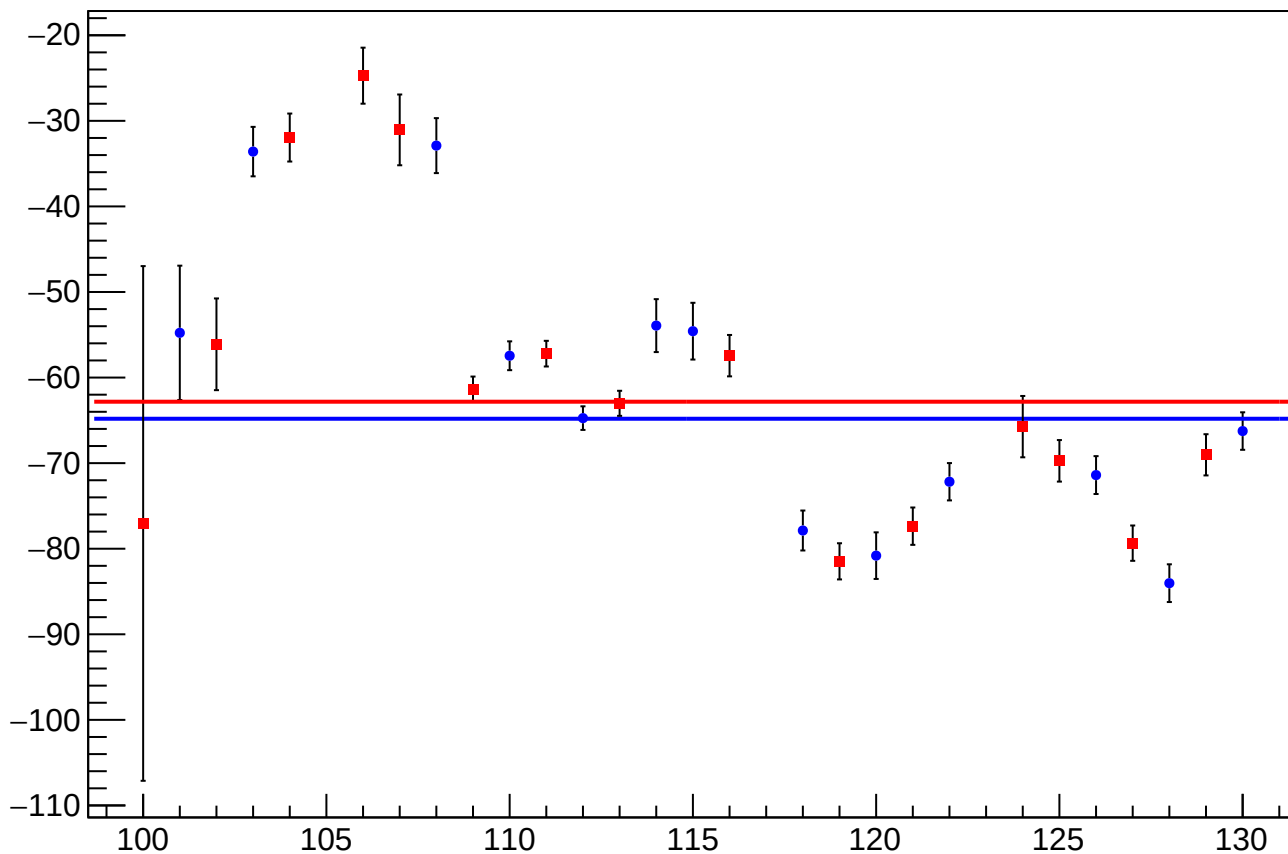
Right: 66.757+/-0.042 χ^2/NDF : 664296.3/26

In: 83.458+/-0.067 χ^2/NDF : 79797.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.757+/-0.042 χ^2/NDF : 664296.3/26

reg_asym_usr_atr1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -64.812 $\pm$ 0.638 χ^2 /NDF: 420.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -62.821 $\pm$ 0.582 χ^2 /NDF: 539.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

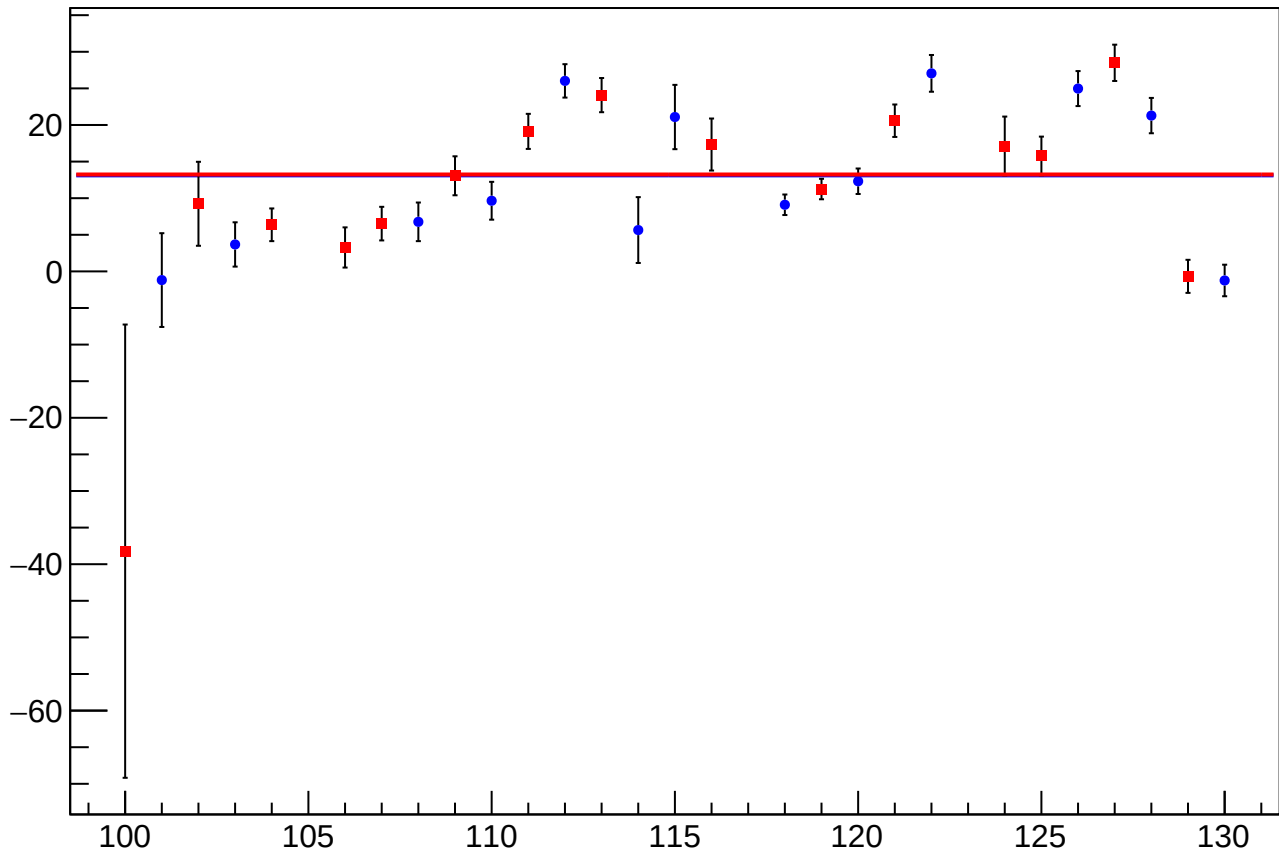
Right: -63.725 $\pm$ 0.430 χ^2 /NDF: 965.2/27

In: -64.812 $\pm$ 0.638 χ^2 /NDF:420.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -63.725 $\pm$ 0.430 χ^2 /NDF: 965.2/27

reg_asym_usr_atr1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.118+/-0.662 χ^2/NDF : 180.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.236+/-0.644 χ^2/NDF : 154.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

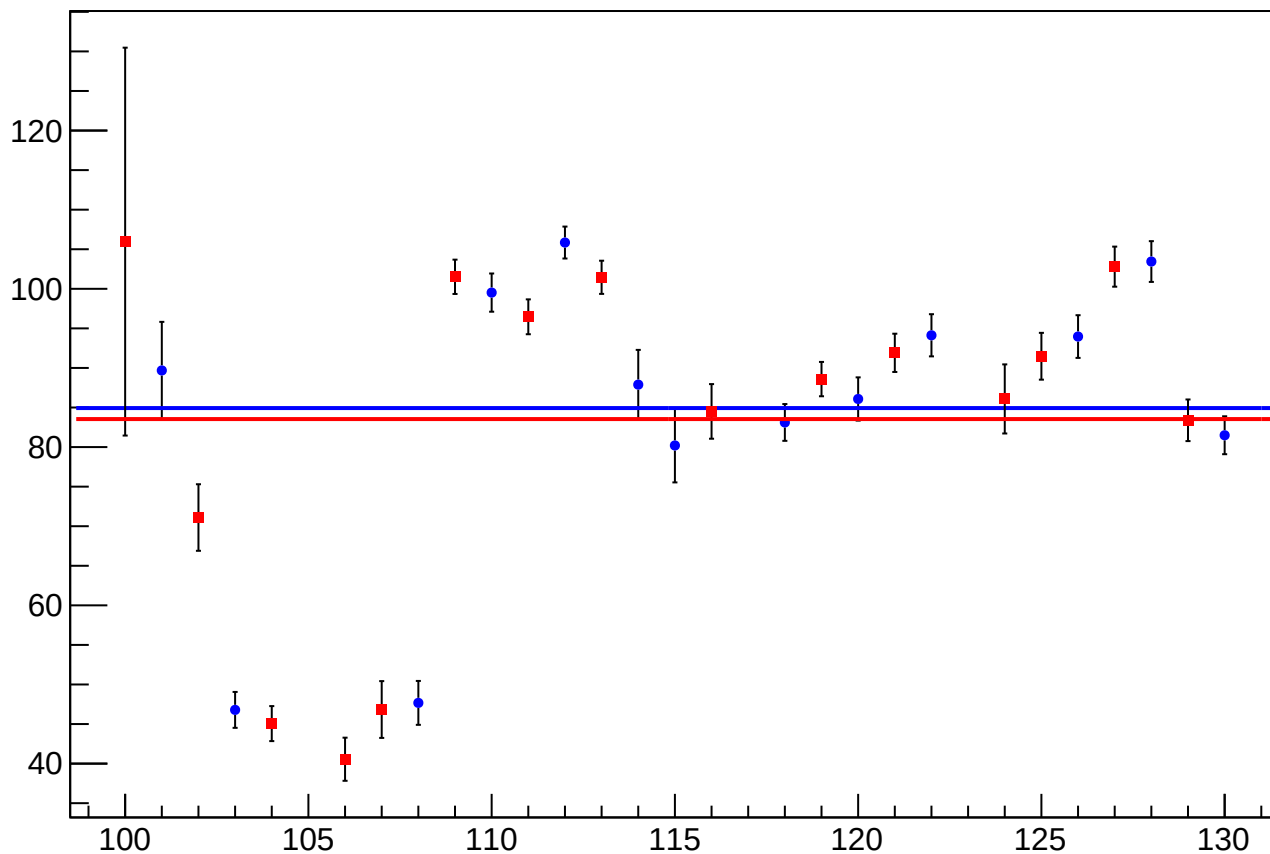
Right: 13.178+/-0.462 χ^2/NDF : 334.0/27

In: 13.118+/-0.662 χ^2/NDF : 180.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.178+/-0.462 χ^2/NDF : 334.0/27

reg_asym_usr_atr1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 84.930+/-0.748 χ^2/NDF : 686.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.540+/-0.697 χ^2/NDF : 924.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

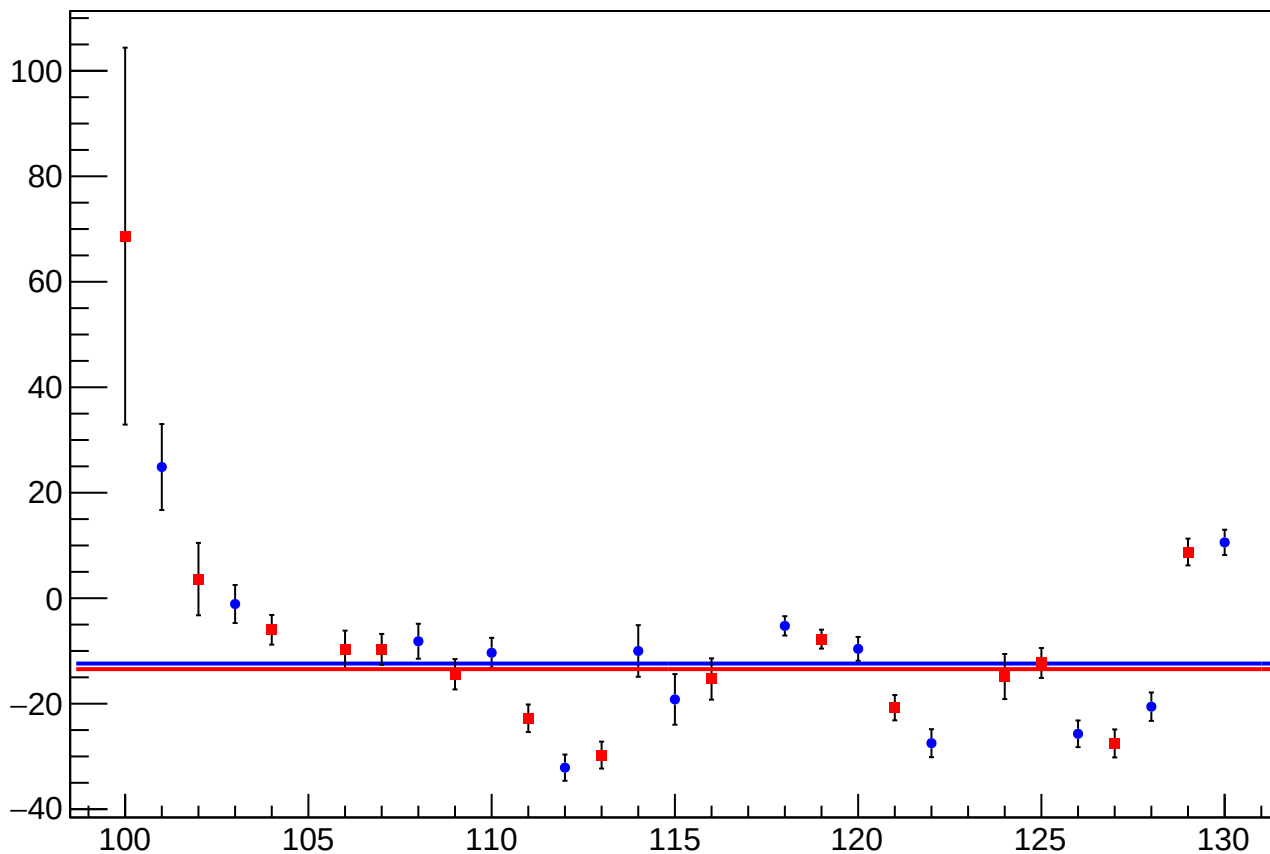
Right: 84.187+/-0.510 χ^2/NDF : 1613.5/27

In: 84.930+/-0.748 χ^2/NDF : 686.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.187+/-0.510 χ^2/NDF : 1613.5/27

reg_asym_usr_atr1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.388 $\pm$ 0.777 χ^2 /NDF: 275.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -13.447 $\pm$ 0.748 χ^2 /NDF: 199.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

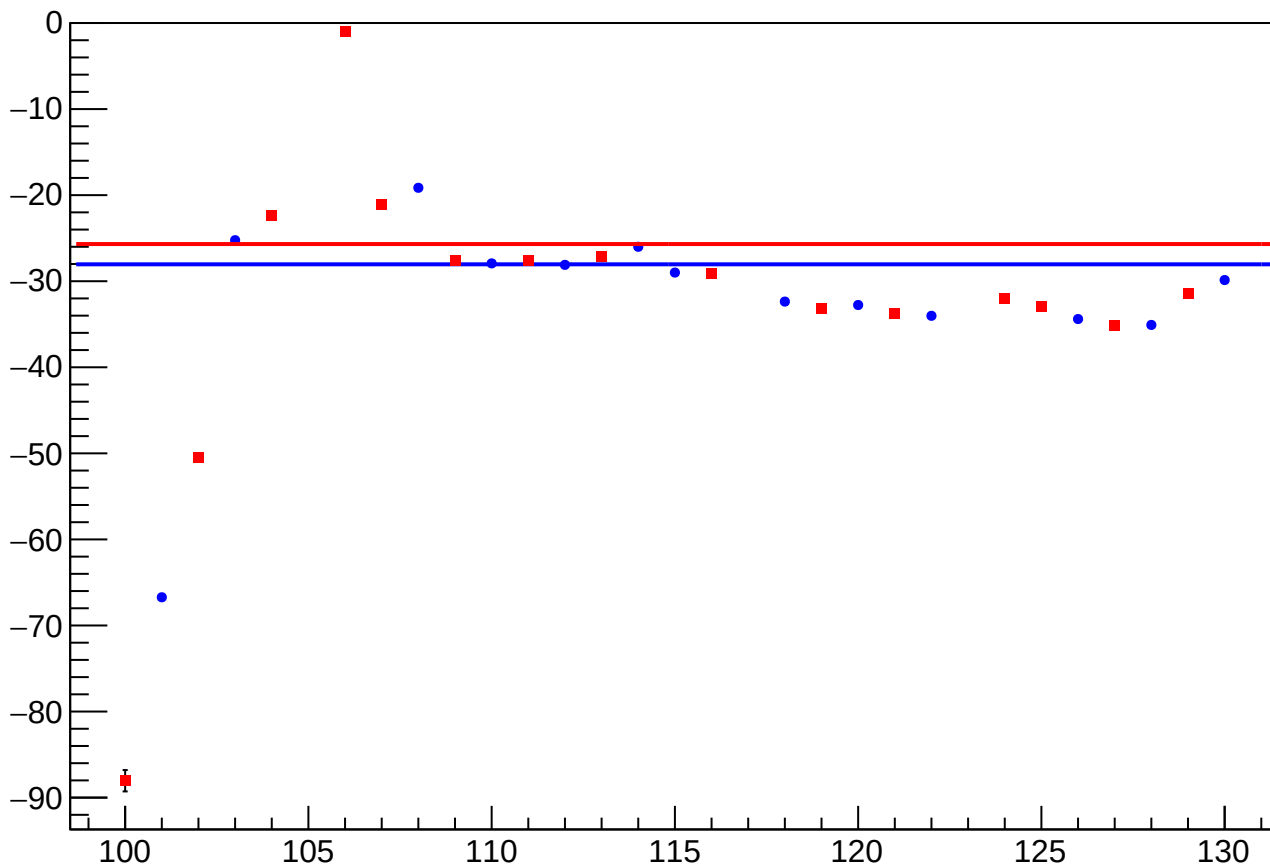
Right: -12.938 $\pm$ 0.539 χ^2 /NDF: 475.4/27

In: -12.388 $\pm$ 0.777 χ^2 /NDF:275.3/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -12.938 $\pm$ 0.539 χ^2 /NDF: 475.4/27

reg_asym_usr_atr1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -28.037+/-0.048 χ^2/NDF : 22483.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -25.682+/-0.045 χ^2/NDF : 69889.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

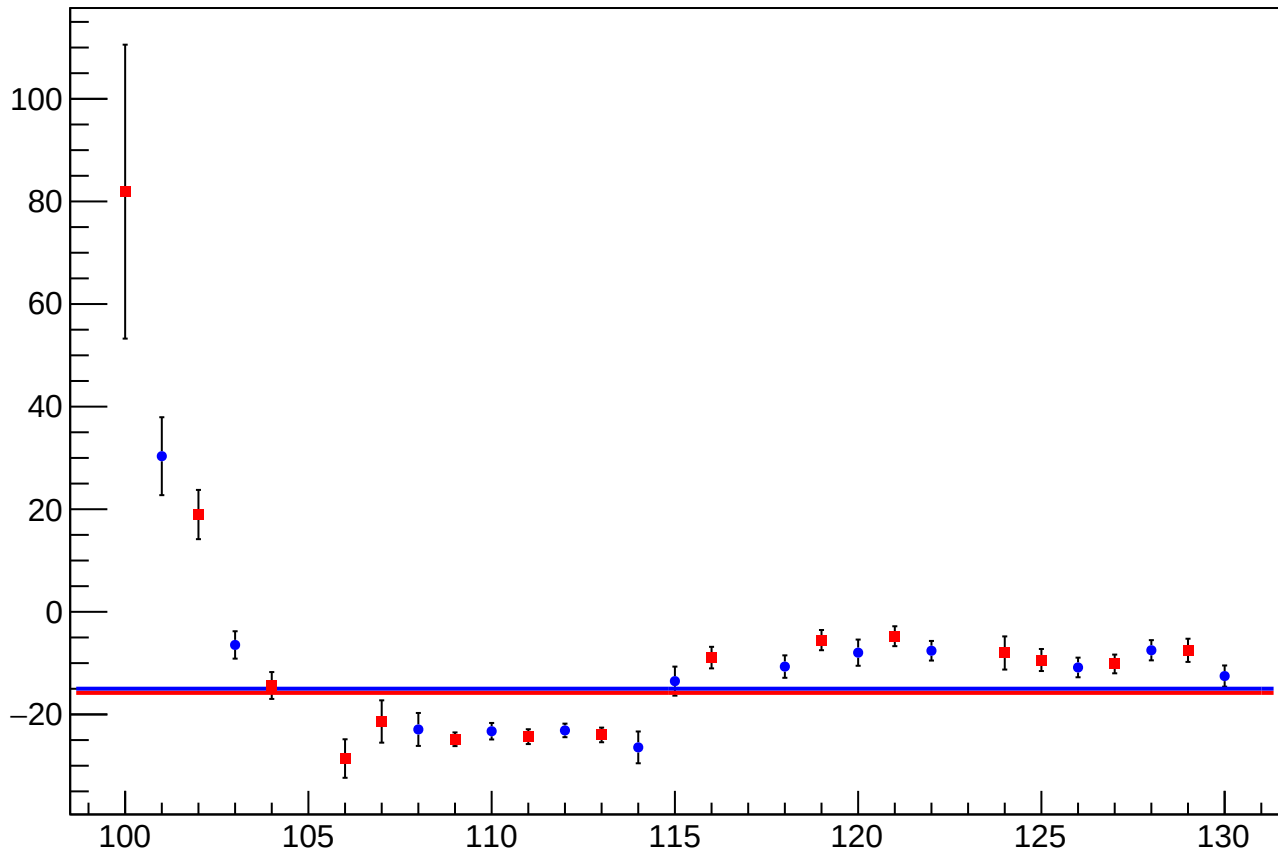
Right: -26.773+/-0.033 χ^2/NDF : 93640.2/27

In: -28.037+/-0.048 χ^2/NDF :22483.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -26.773+/-0.033 χ^2/NDF : 93640.2/27

reg_asym_usr_atr1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -14.987+/-0.593 χ^2/NDF : 177.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.800+/-0.541 χ^2/NDF : 299.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

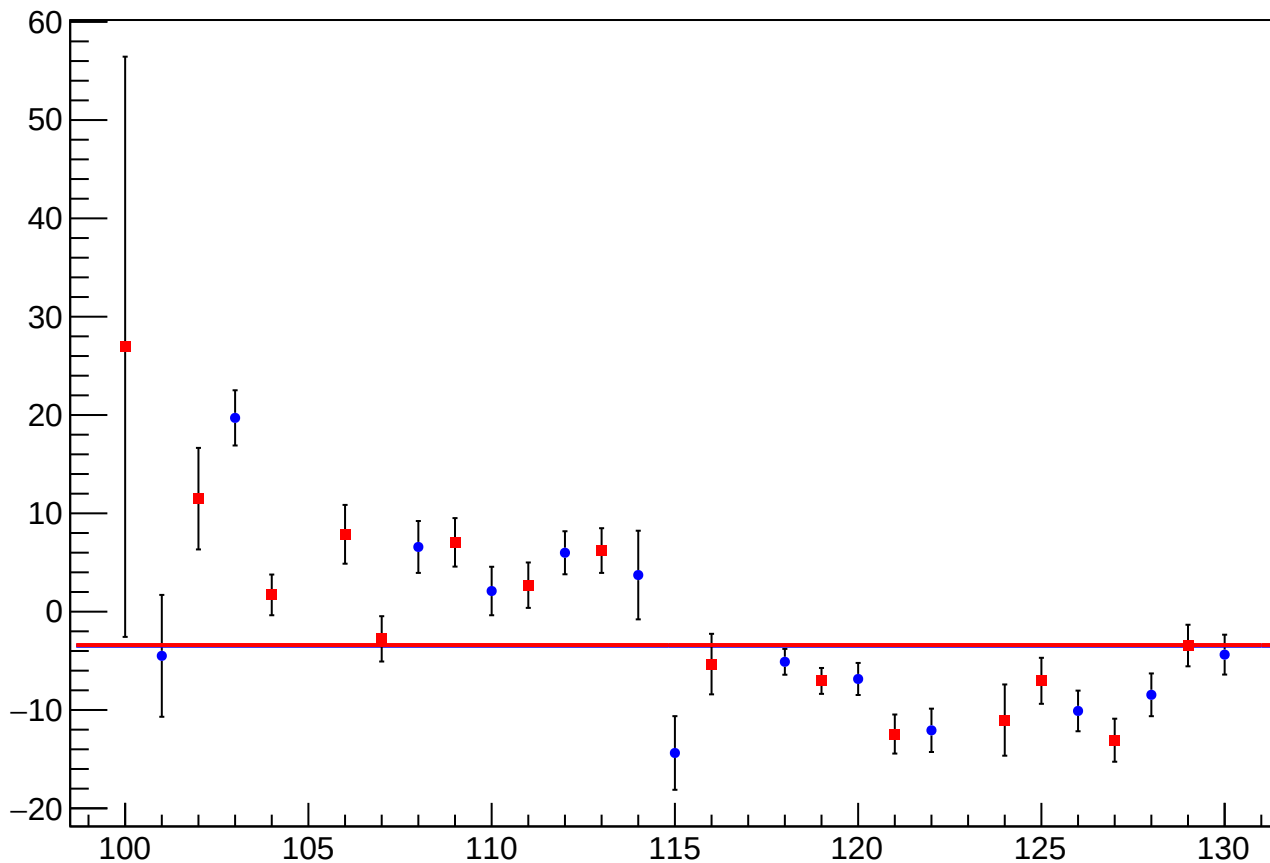
Right: -15.431+/-0.400 χ^2/NDF : 478.0/27

In: -14.987+/-0.593 χ^2/NDF : 177.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.431+/-0.400 χ^2/NDF : 478.0/27

reg_asym_usr_atr1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.466+/-0.615 χ^2/NDF : 154.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.395+/-0.604 χ^2/NDF : 127.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

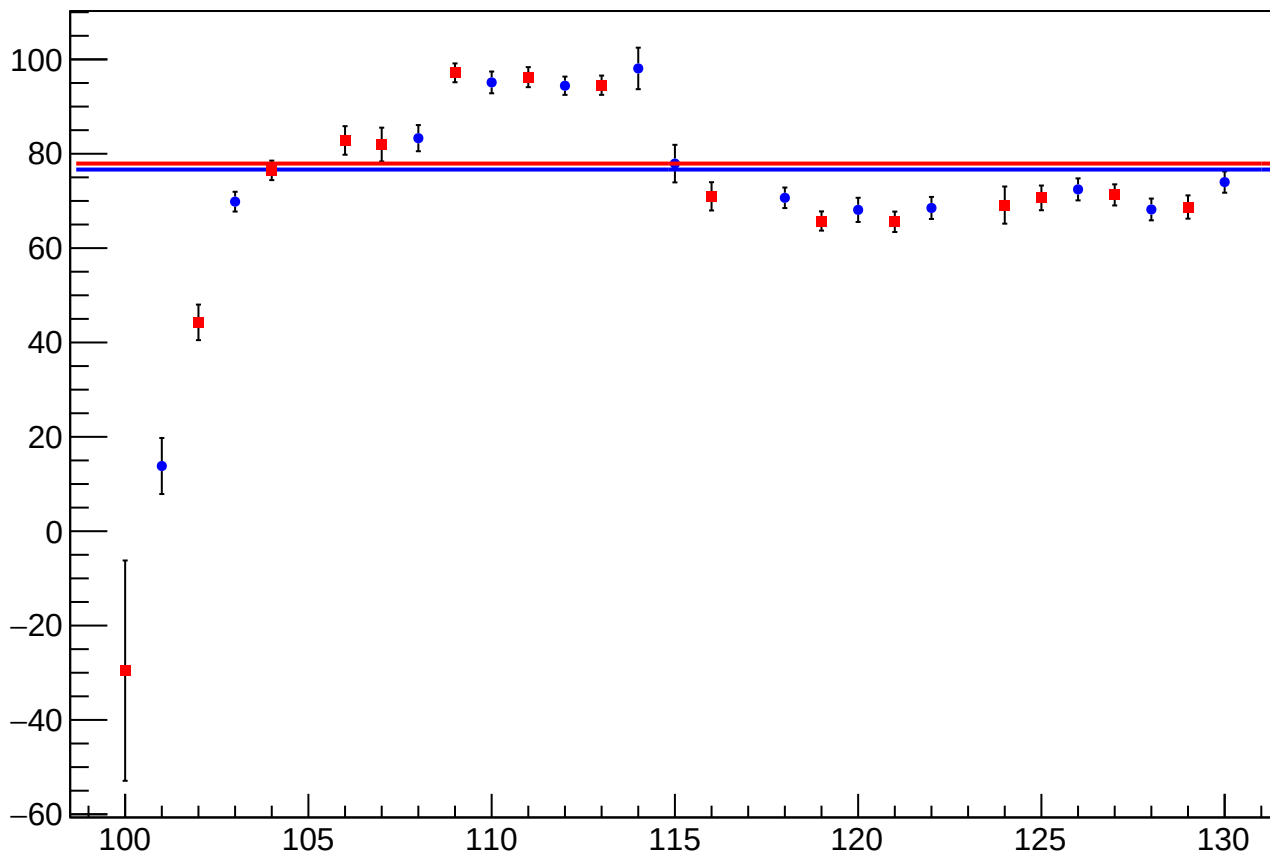
Right: -3.430+/-0.431 χ^2/NDF : 282.0/27

In: -3.466+/-0.615 χ^2/NDF : 154.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.430+/-0.431 χ^2/NDF : 282.0/27

reg_asym_usr_atr1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.653+/-0.695 χ^2/NDF : 349.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.923+/-0.653 χ^2/NDF : 447.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

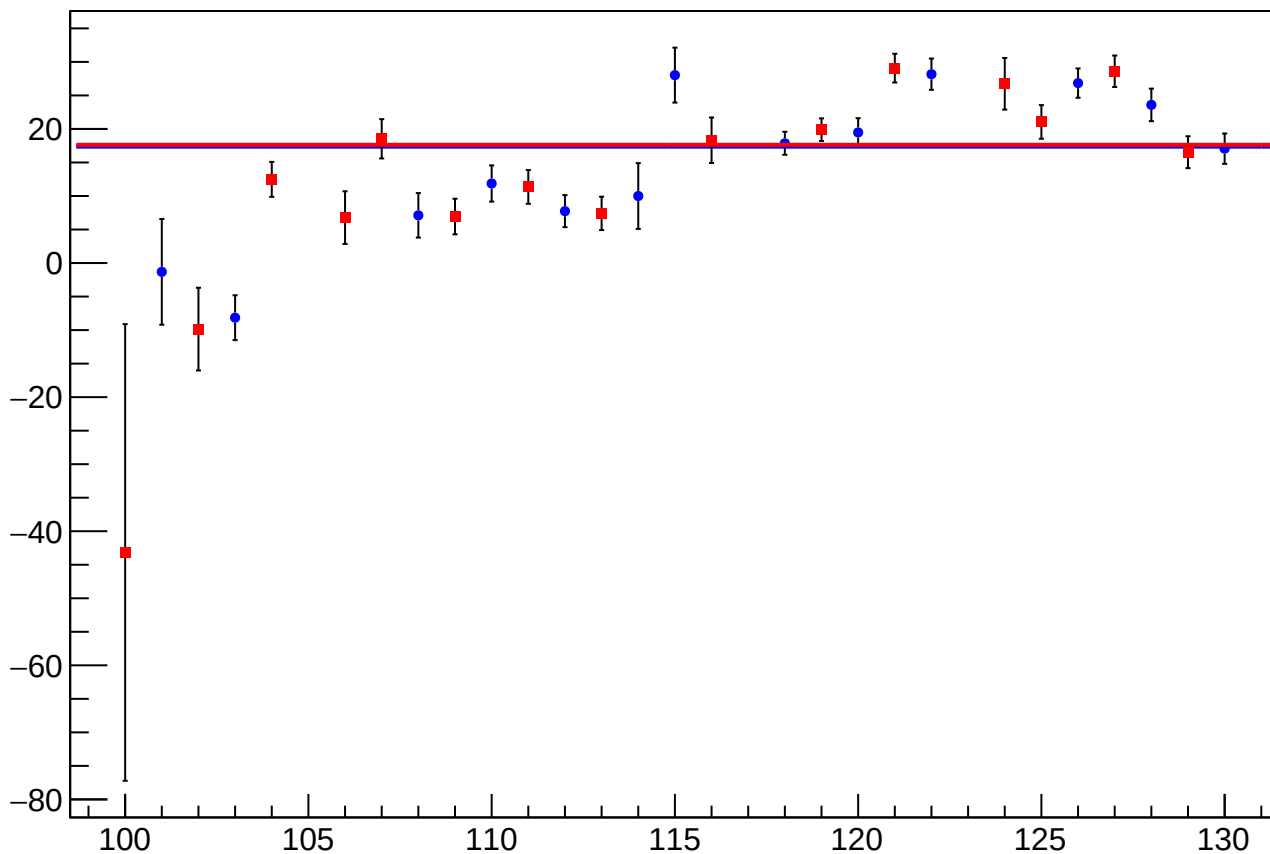
Right: 77.328+/-0.476 χ^2/NDF : 798.8/27

In: 76.653+/-0.695 χ^2/NDF : 349.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.328+/-0.476 χ^2/NDF : 798.8/27

reg_asym_usr_atr1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 17.361+/-0.720 χ^2 /NDF: 150.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 17.639+/-0.697 χ^2 /NDF: 133.9/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

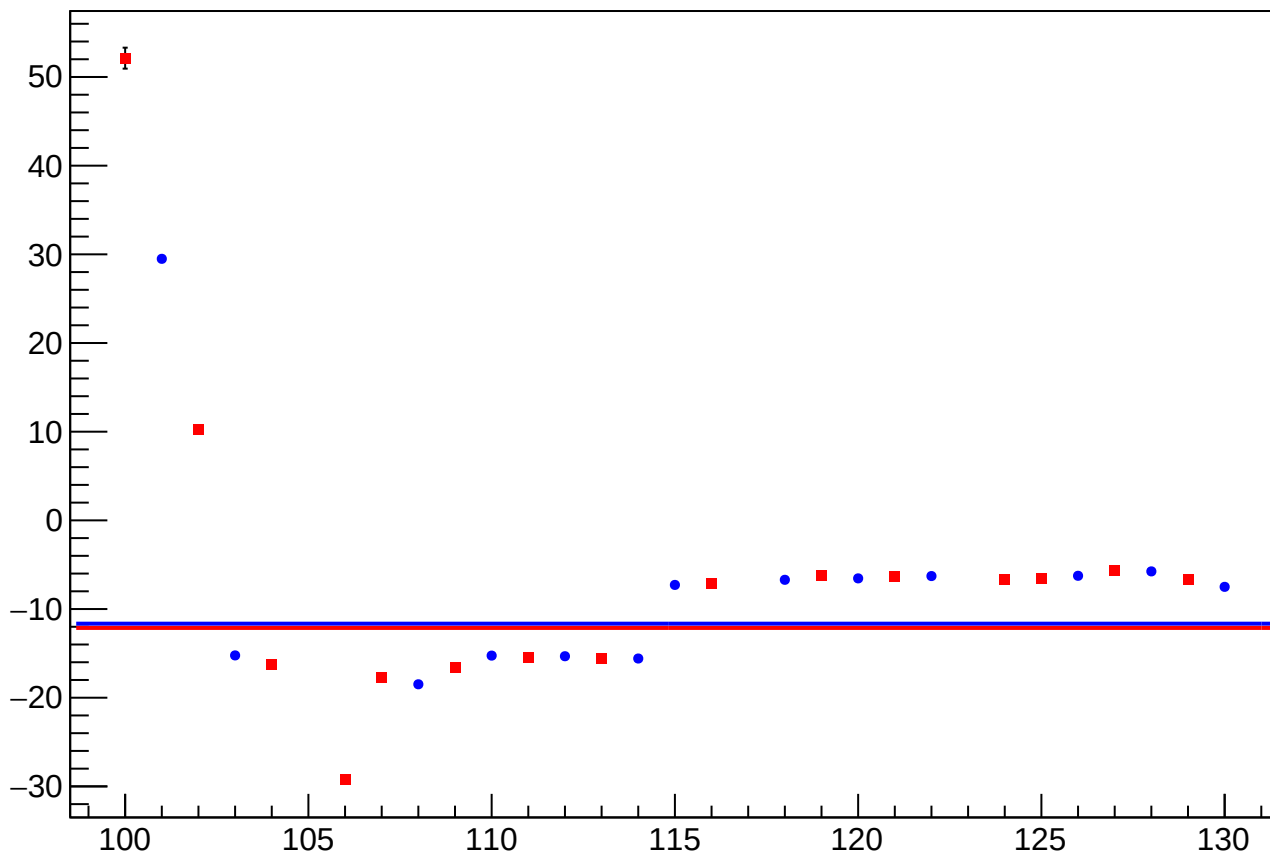
Right: 17.504+/-0.501 χ^2 /NDF: 284.7/27

In: 17.361+/-0.720 χ^2 /NDF:150.7/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 17.504+/-0.501 χ^2 /NDF: 284.7/27

reg_asym_usr_atr1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -11.651+/-0.045 χ^2/NDF : 25044.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -12.130+/-0.043 χ^2/NDF : 46504.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

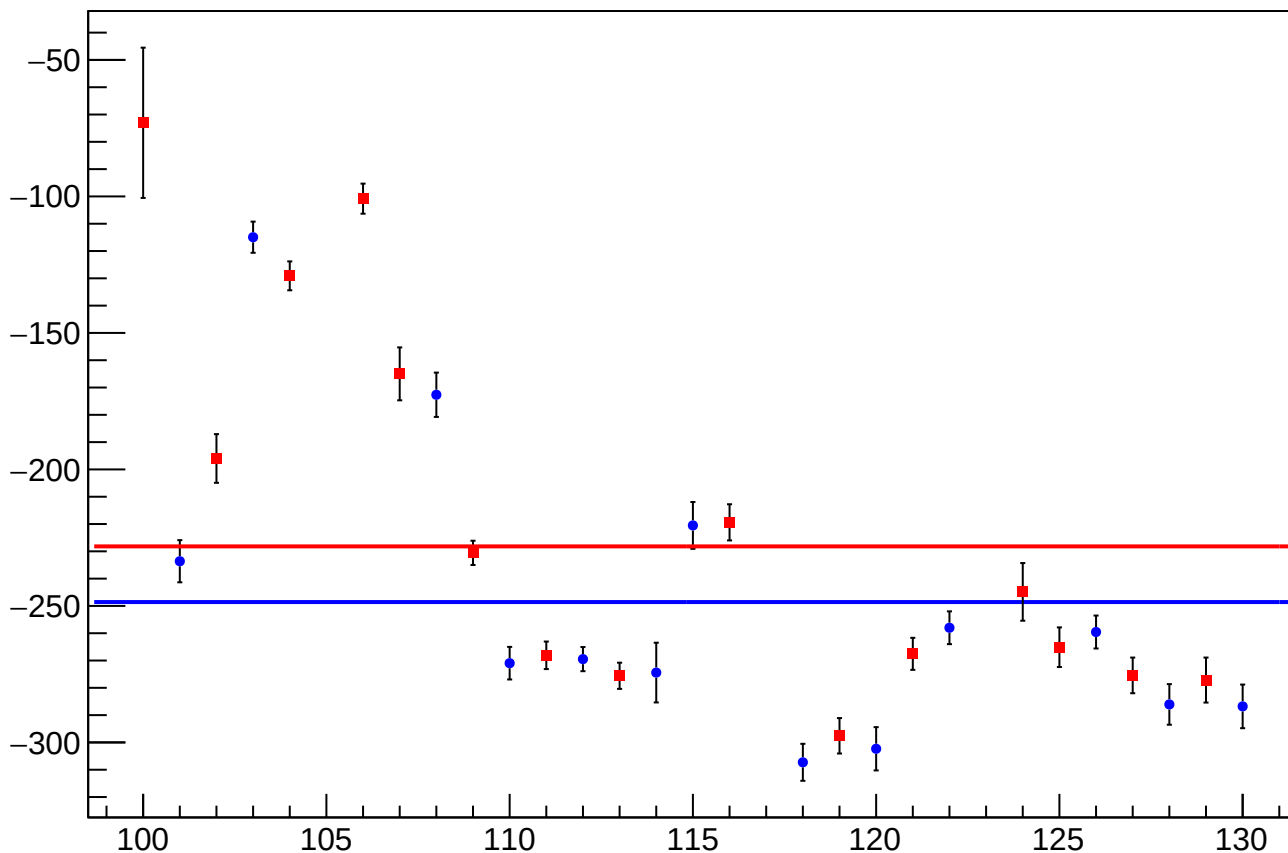
Right: -11.903+/-0.031 χ^2/NDF : 71607.3/27

In: -11.651+/-0.045 χ^2/NDF :25044.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -11.903+/-0.031 χ^2/NDF : 71607.3/27

reg_asym_usr_atr2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -248.583+/-1.856 χ^2/NDF : 867.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -228.191+/-1.648 χ^2/NDF : 1409.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

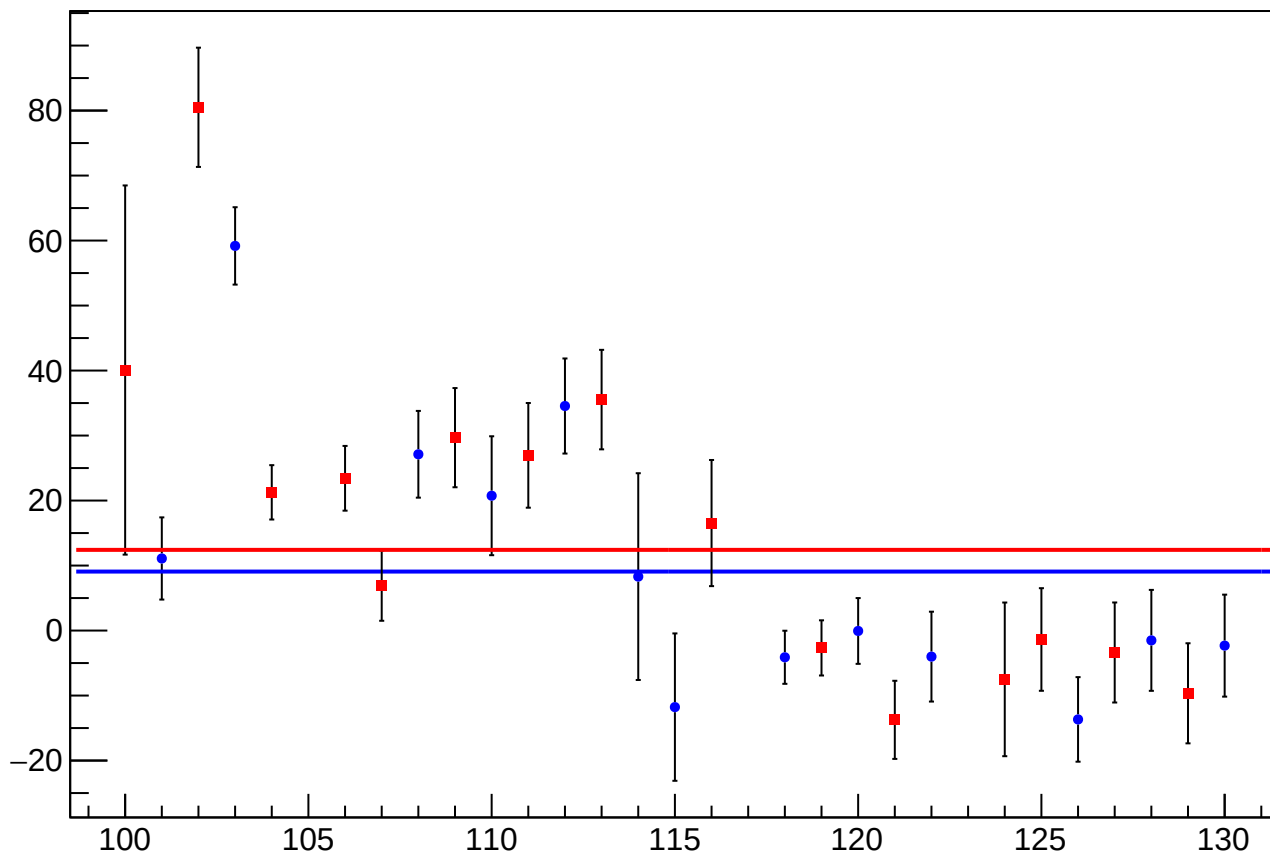
Right: -237.181+/-1.232 χ^2/NDF : 2344.4/27

In: -248.583+/-1.856 χ^2/NDF : 867.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -237.181+/-1.232 χ^2/NDF : 2344.4/27

reg_asym_usr_atr2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.076+/-1.843 χ^2/NDF : 128.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.414+/-1.702 χ^2/NDF : 134.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

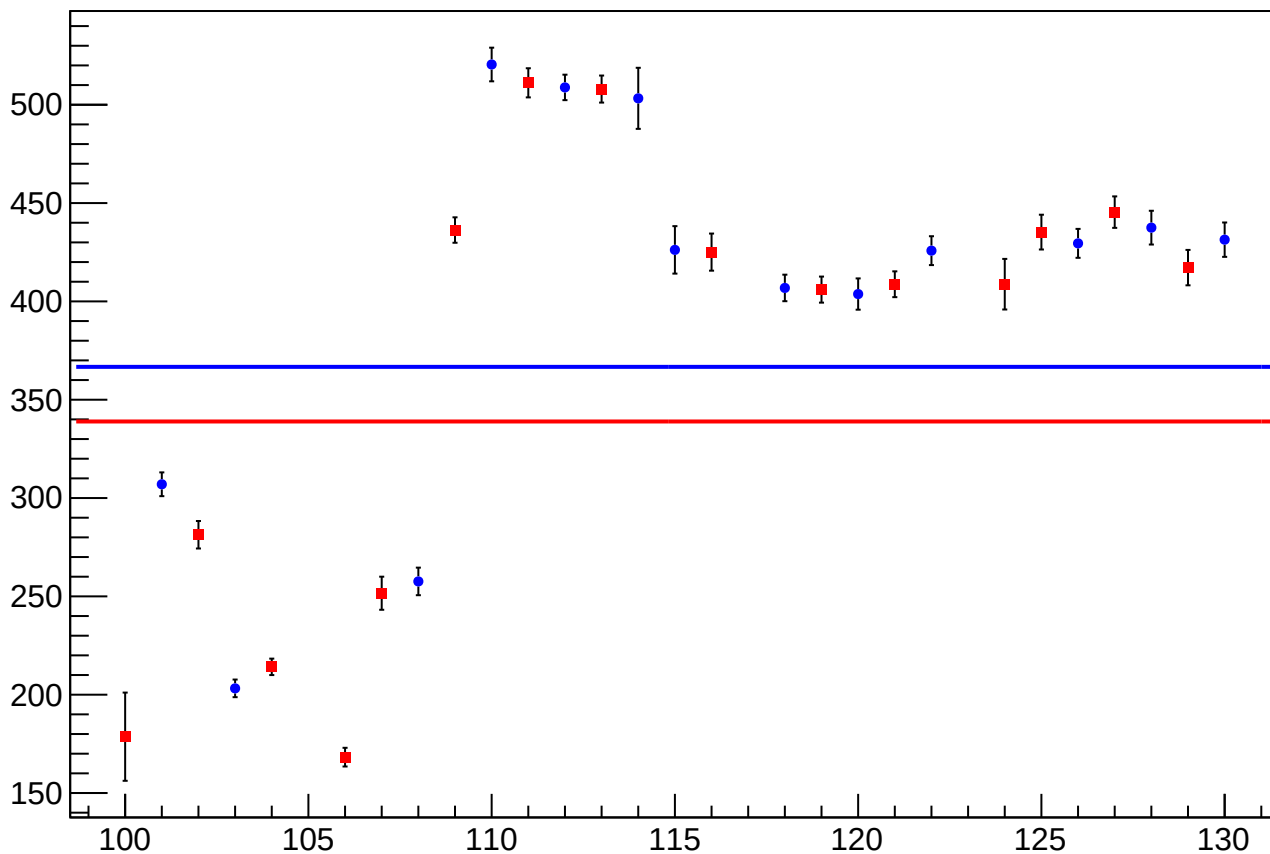
Right: 10.877+/-1.250 χ^2/NDF : 264.6/27

In: 9.076+/-1.843 χ^2/NDF : 128.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.877+/-1.250 χ^2/NDF : 264.6/27

reg_asym_usr_atr2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 366.711+/-2.010 χ^2/NDF : 2895.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 338.934+/-1.809 χ^2/NDF : 4479.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

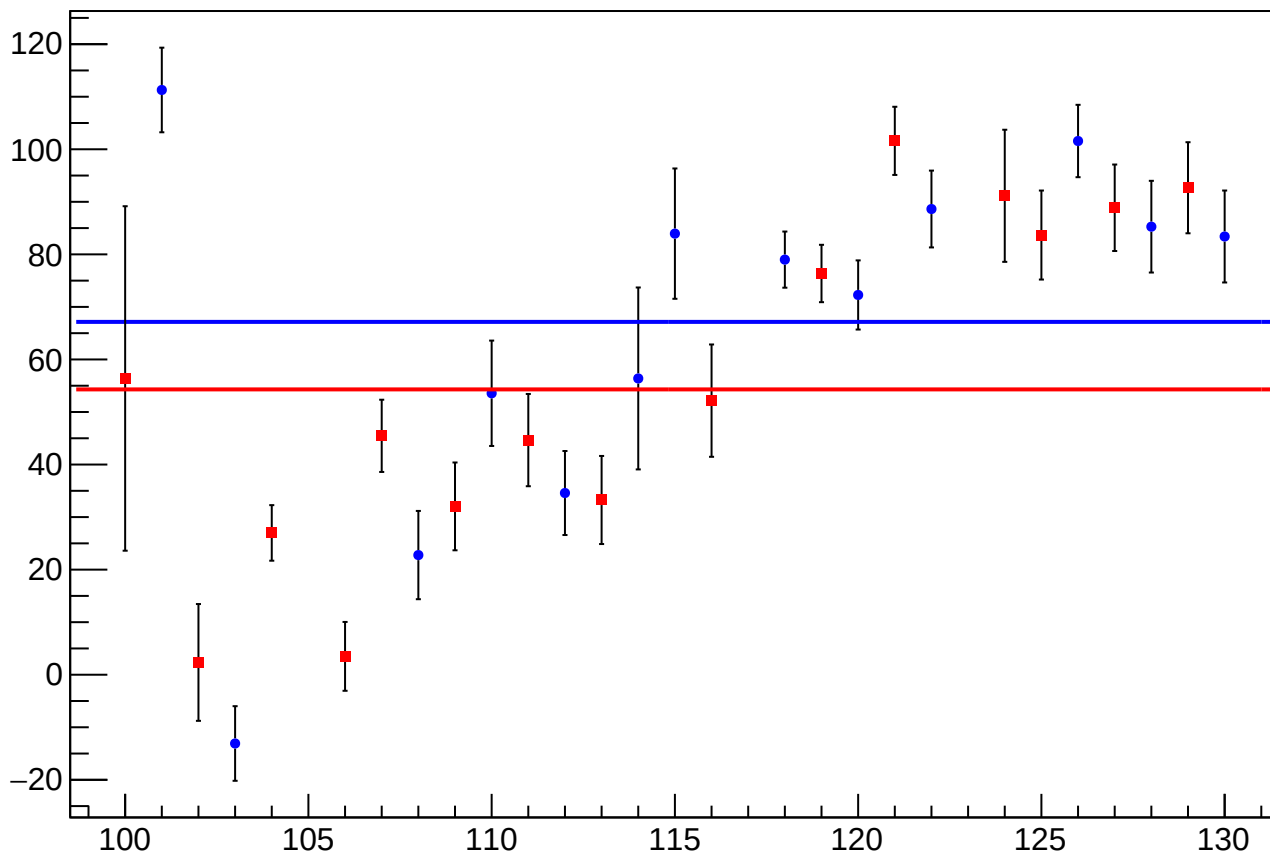
Right: 351.368+/-1.345 χ^2/NDF : 7480.3/27

In: 366.711+/-2.010 χ^2/NDF : 2895.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 351.368+/-1.345 χ^2/NDF : 7480.3/27

reg_asym_usr_atr2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 67.150+/-2.188 χ^2/NDF : 253.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.301+/-2.019 χ^2/NDF : 252.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

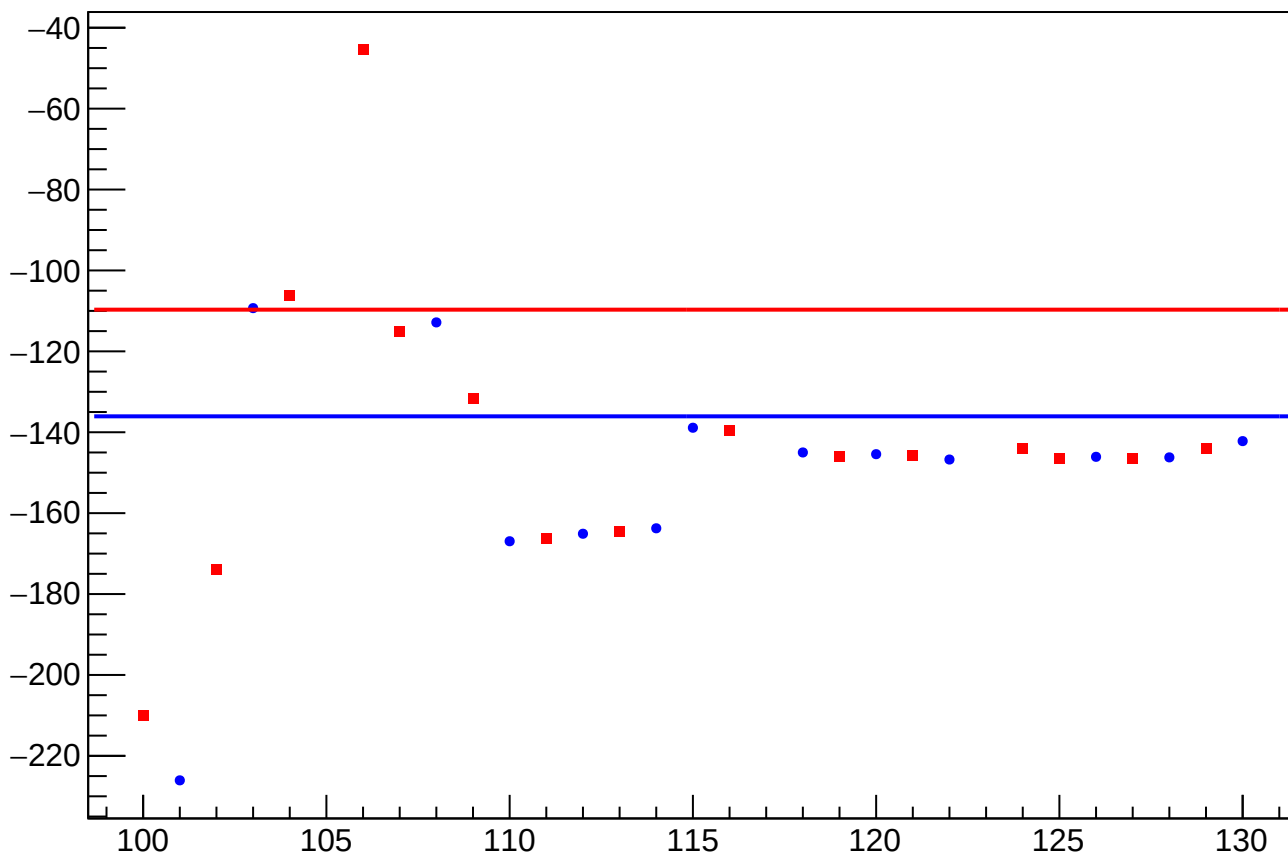
Right: 60.213+/-1.484 χ^2/NDF : 524.2/27

In: 67.150+/-2.188 χ^2/NDF : 253.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.213+/-1.484 χ^2/NDF : 524.2/27

reg_asym_usr_atr2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -136.066+/-0.118 χ^2/NDF : 96304.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -109.696+/-0.099 χ^2/NDF : 212181.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

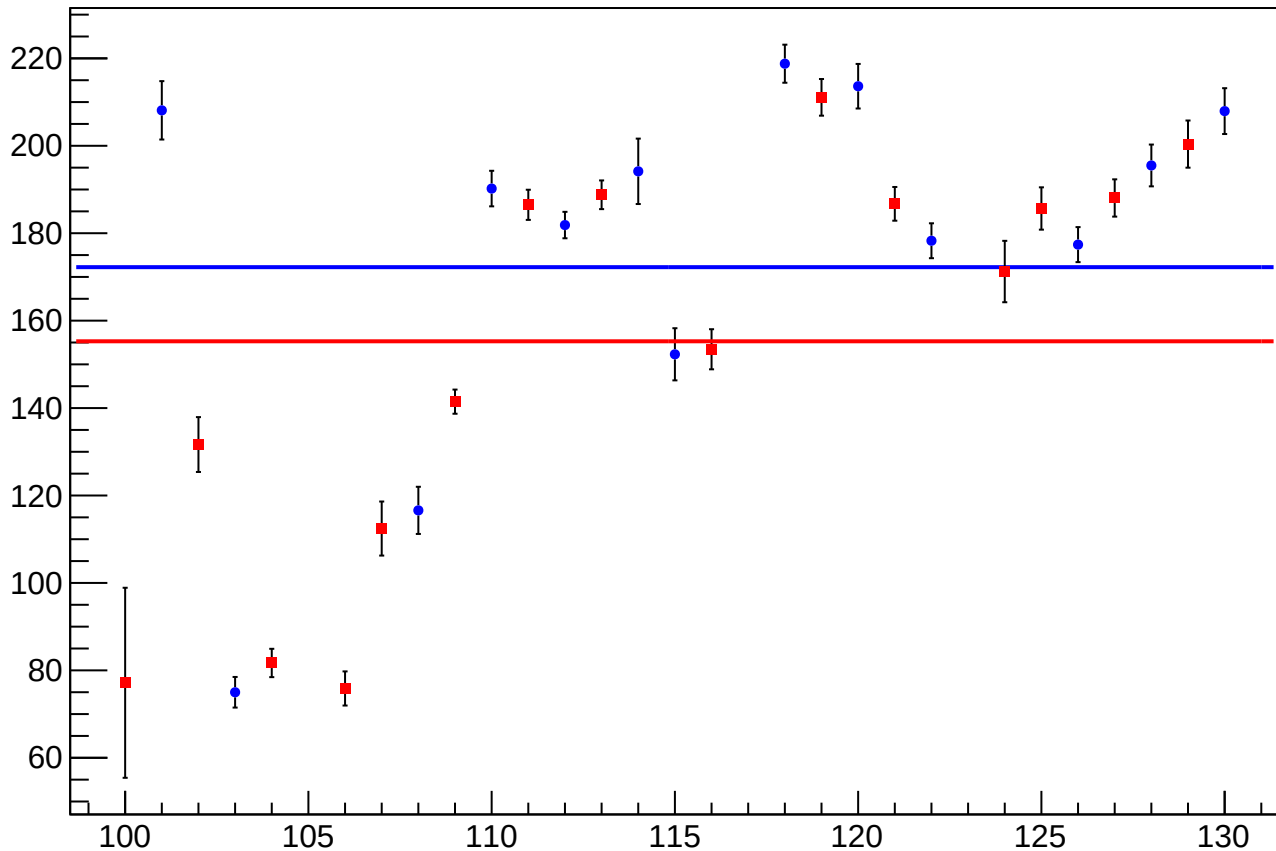
Right: -120.702+/-0.076 χ^2/NDF : 337801.9/27

In: -136.066+/-0.118 χ^2/NDF :96304.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -120.702+/-0.076 χ^2/NDF : 337801.9/27

reg_asym_usr_atr2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 172.236+/-1.240 χ^2/NDF : 1209.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.277+/-1.087 χ^2/NDF : 1633.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

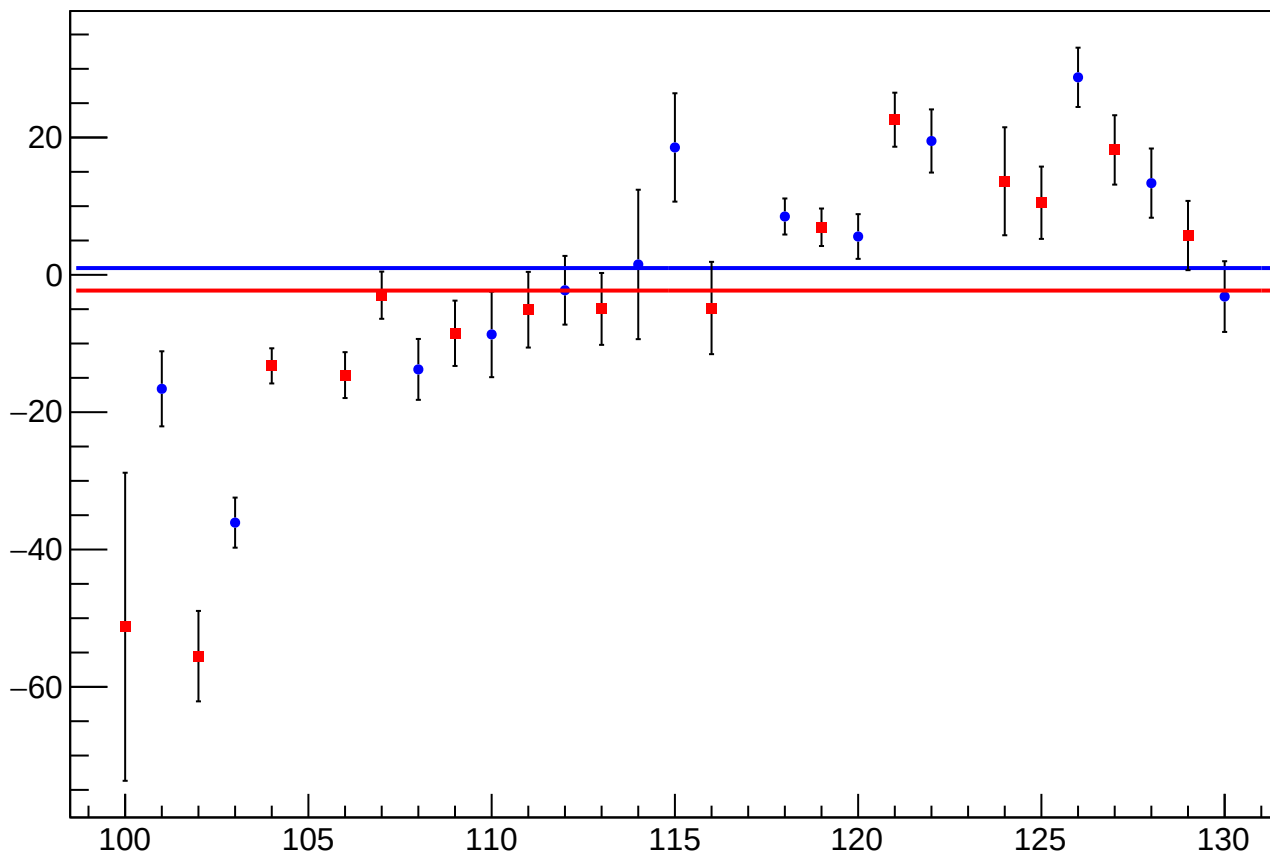
Right: 162.646+/-0.817 χ^2/NDF : 2948.8/27

In: 172.236+/-1.240 χ^2/NDF : 1209.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.646+/-0.817 χ^2/NDF : 2948.8/27

reg_asym_usr_atr2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.986+/-1.224 χ^2/NDF : 206.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.290+/-1.106 χ^2/NDF : 184.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

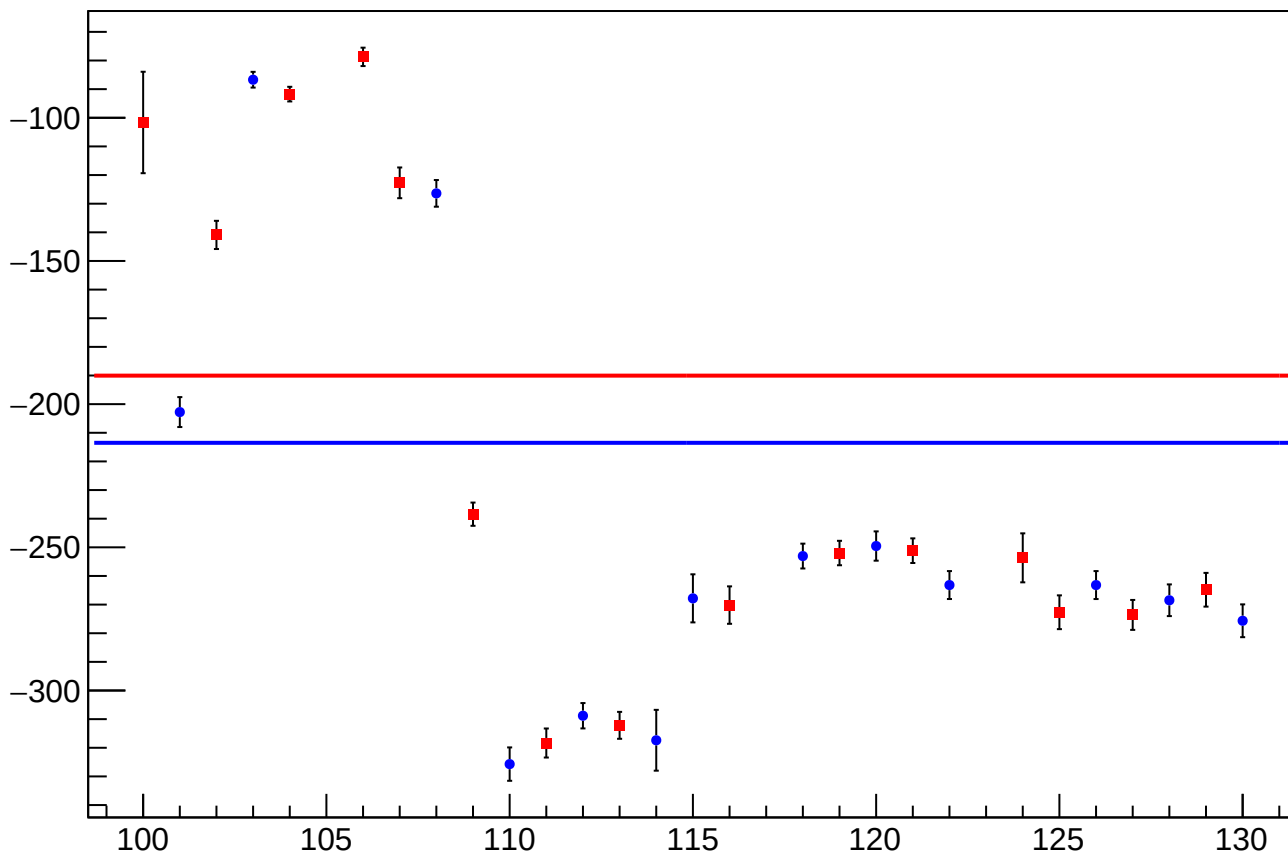
Right: -0.817+/-0.821 χ^2/NDF : 395.6/27

In: 0.986+/-1.224 χ^2/NDF :206.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.817+/-0.821 χ^2/NDF : 395.6/27

reg_asym_usr_atr2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -213.505+/-1.340 χ^2/NDF : 4010.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -190.043+/-1.183 χ^2/NDF : 5652.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

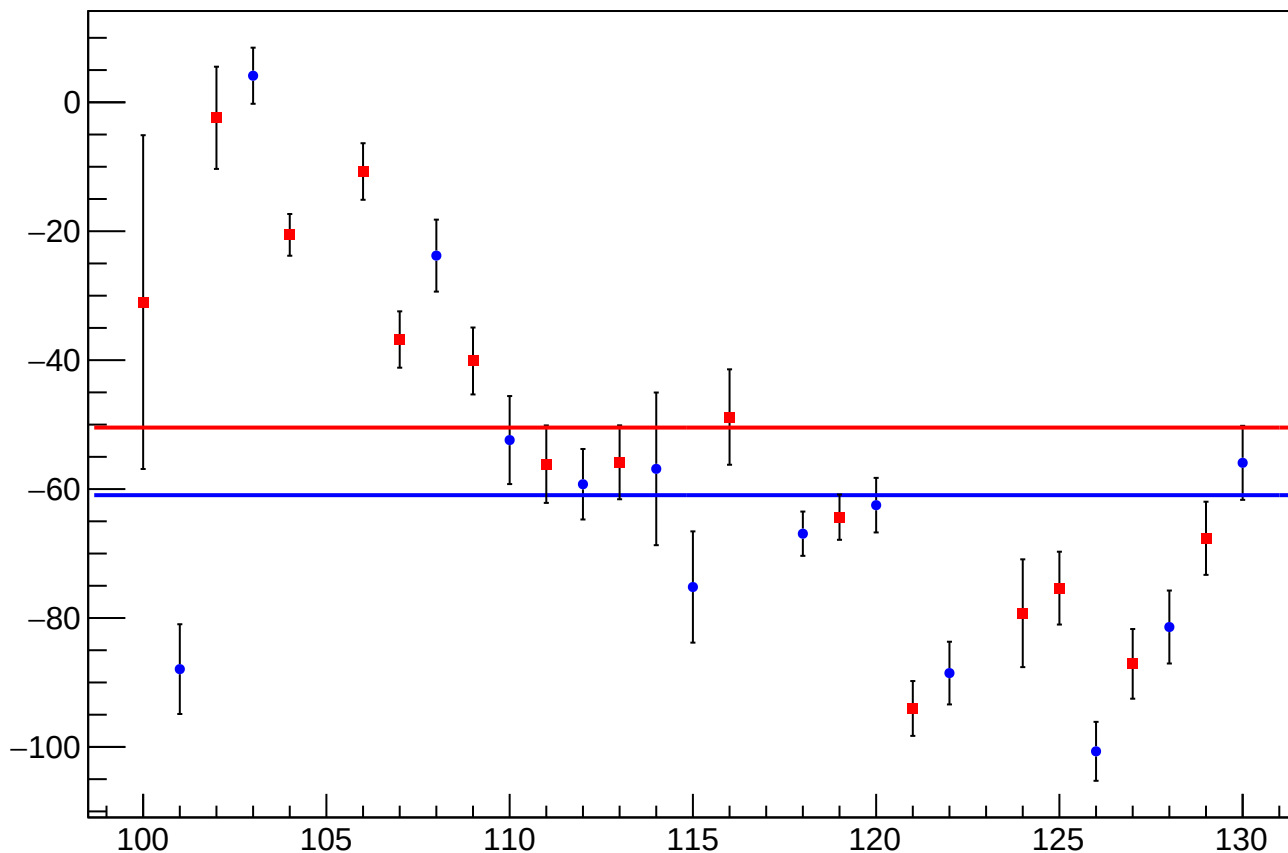
Right: -200.321+/-0.887 χ^2/NDF : 9834.9/27

In: -213.505+/-1.340 χ^2/NDF :4010.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -200.321+/-0.887 χ^2/NDF : 9834.9/27

reg_asym_usr_atr2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -60.945 ± 1.454 $\chi^2/\text{NDF}: 412.1/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -50.458 ± 1.315 $\chi^2/\text{NDF}: 427.2/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

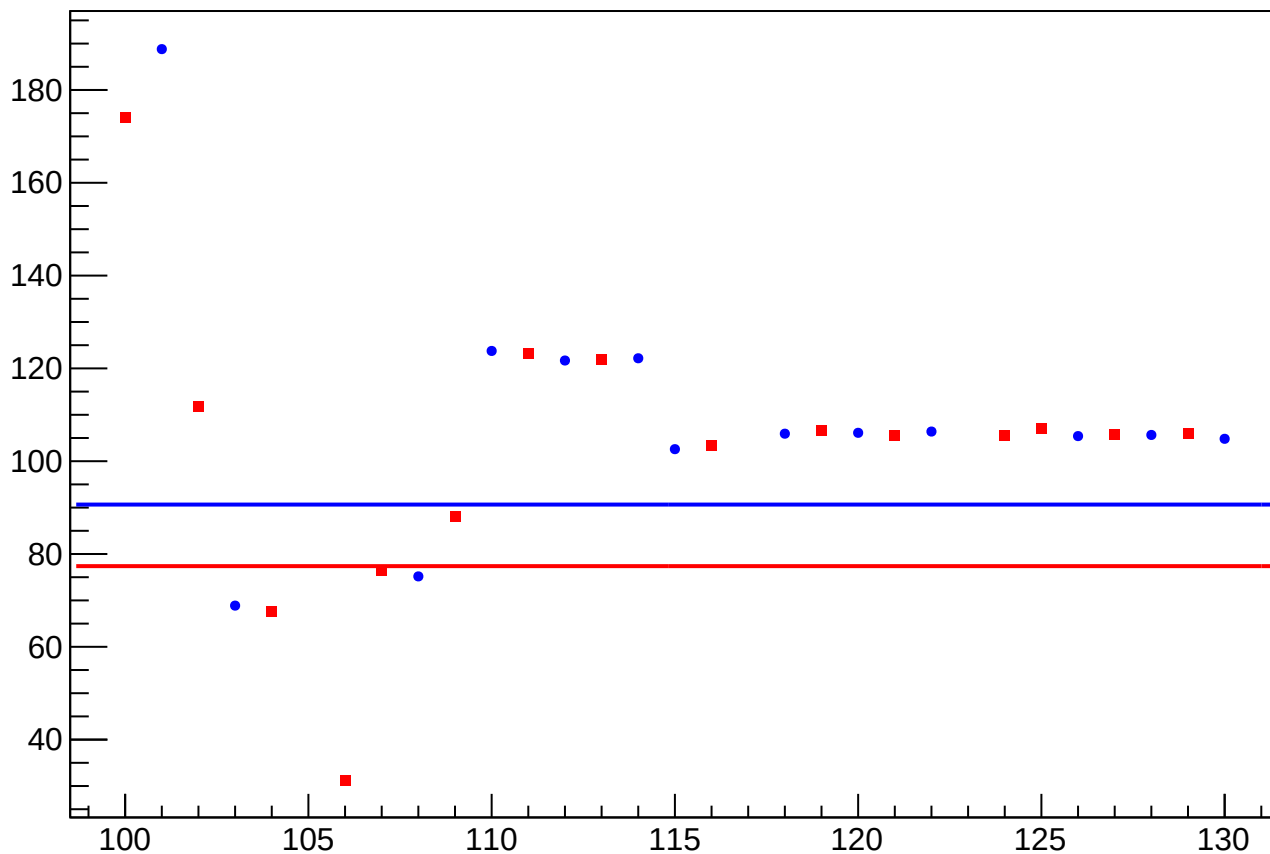
Right: -55.179 ± 0.975 $\chi^2/\text{NDF}: 867.9/27$

In: -60.945 ± 1.454 $\chi^2/\text{NDF}: 412.1/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -55.179 ± 0.975 $\chi^2/\text{NDF}: 867.9/27$

reg_asym_usr_atr2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 90.654+/-0.077 χ^2/NDF : 164814.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.386+/-0.067 χ^2/NDF : 200049.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

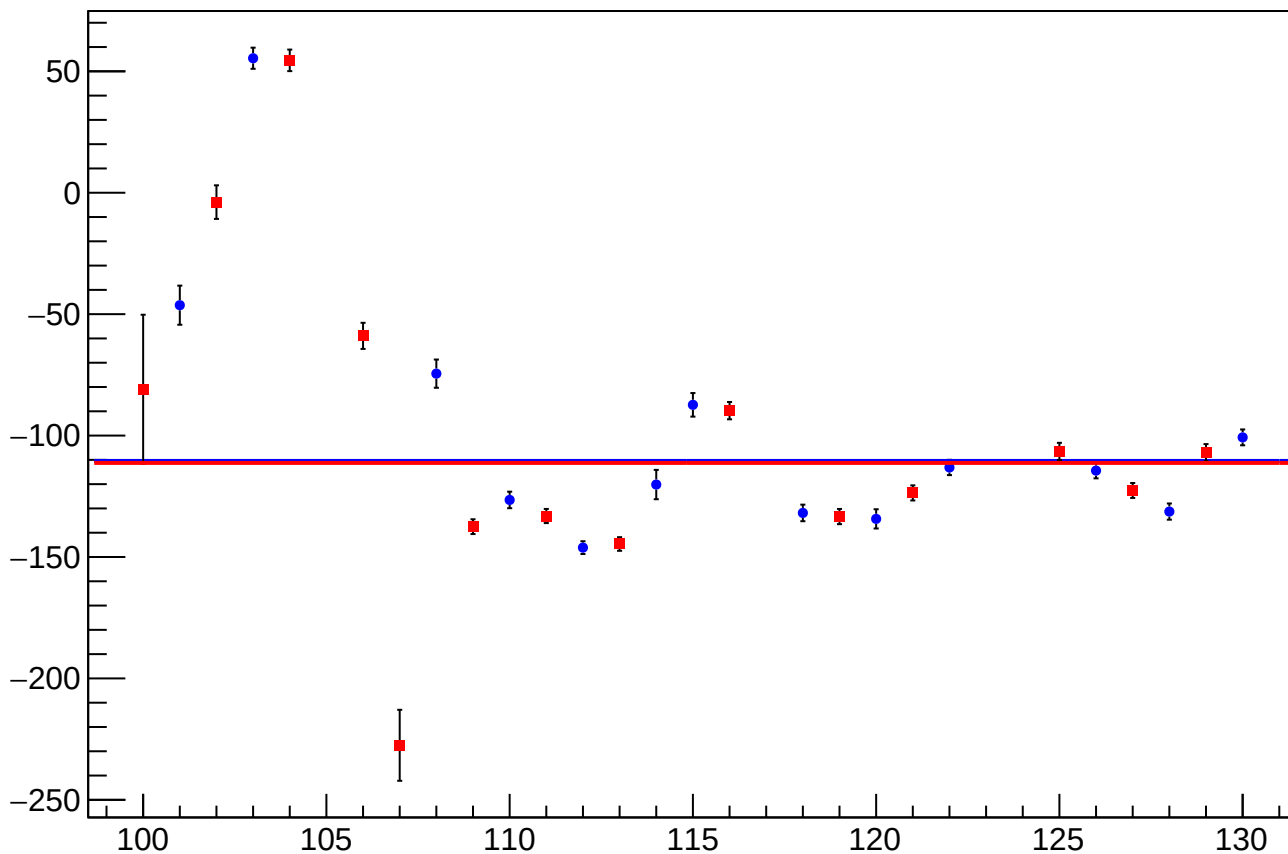
Right: 83.134+/-0.051 χ^2/NDF : 381639.4/27

In: 90.654+/-0.077 χ^2/NDF : 164814.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.134+/-0.051 χ^2/NDF : 381639.4/27

reg_asym_us_avg_at1lr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -110.448+/-1.036 χ^2/NDF : 1911.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -111.251+/-0.992 χ^2/NDF : 2188.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

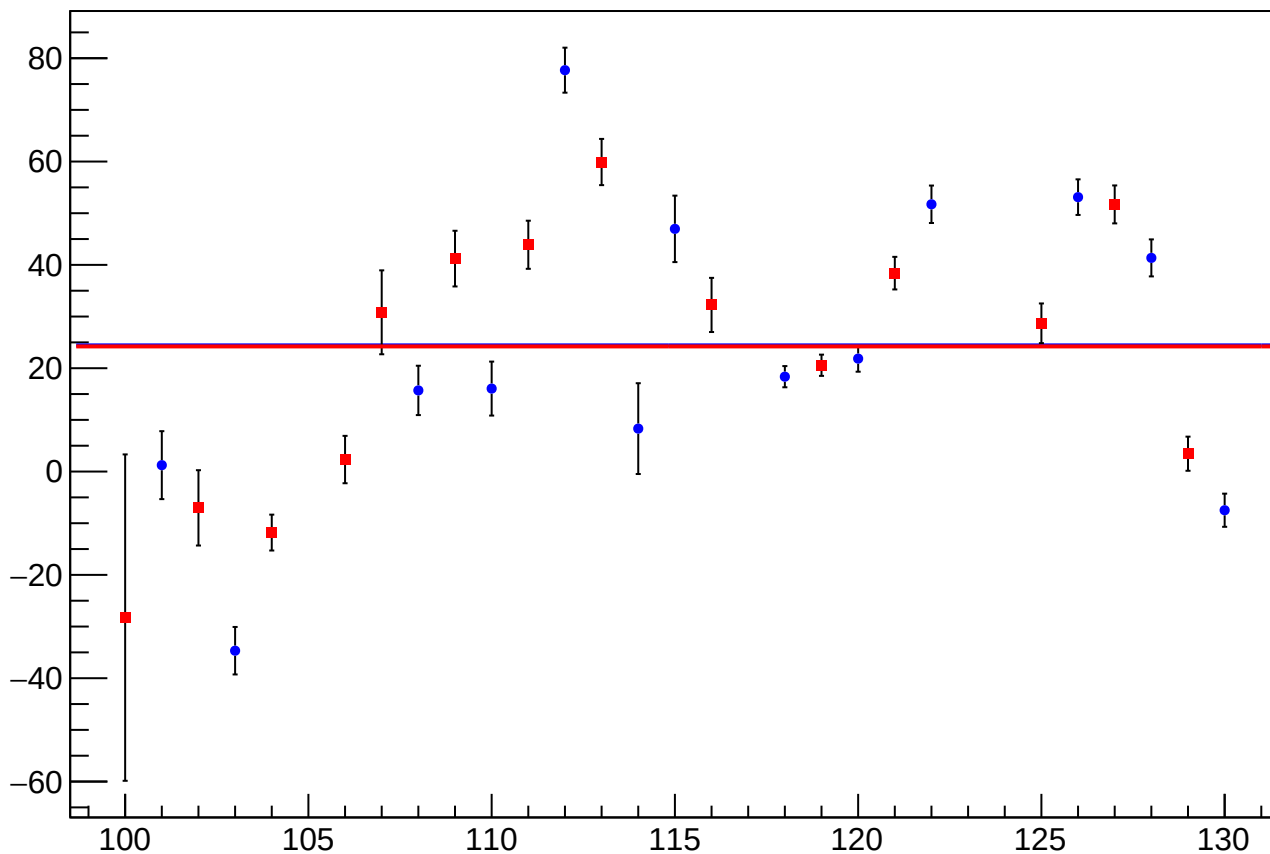
Right: -110.867+/-0.717 χ^2/NDF : 4100.8/26

In: -110.448+/-1.036 χ^2/NDF : 1911.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -110.867+/-0.717 χ^2/NDF : 4100.8/26

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.420+/-1.015 χ^2/NDF : 606.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 24.218+/-1.052 χ^2/NDF : 366.4/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

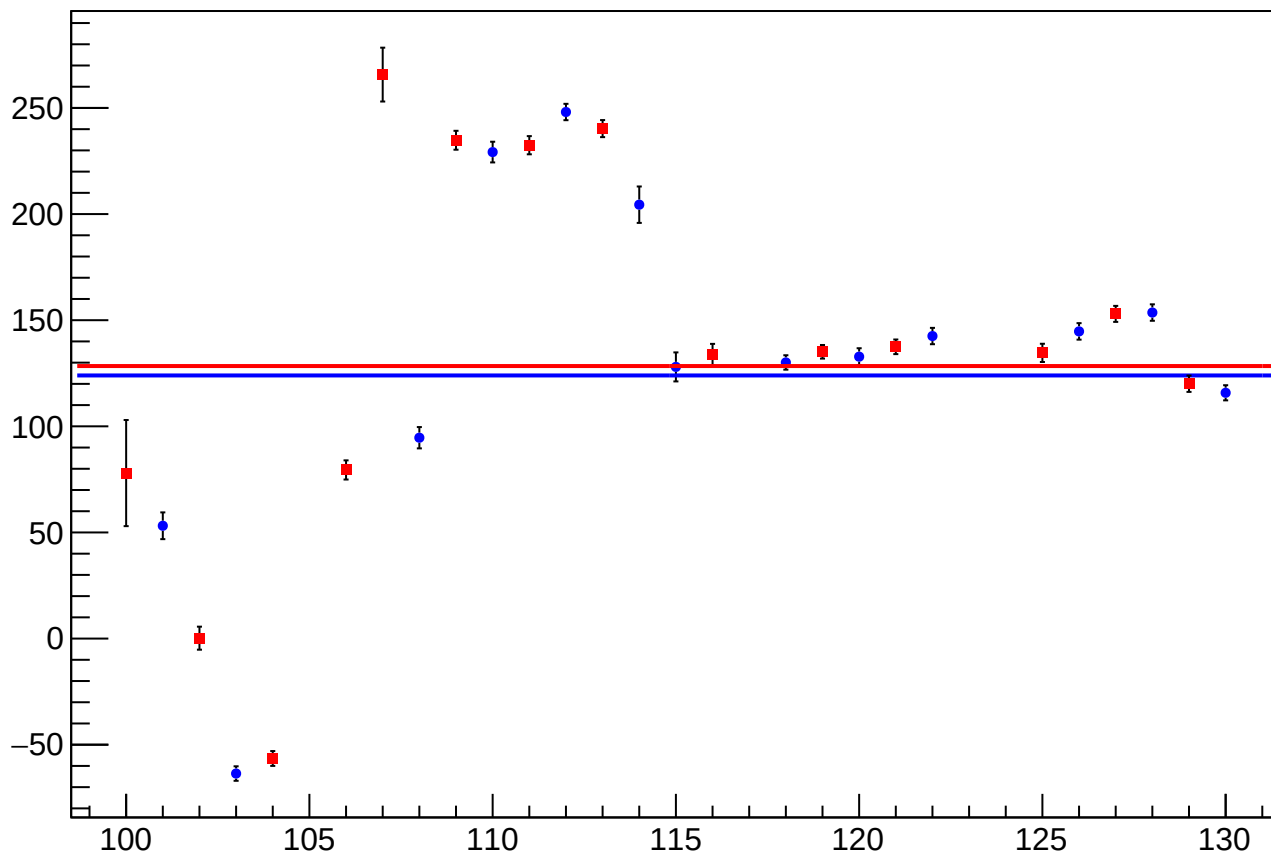
Right: 24.323+/-0.731 χ^2/NDF : 972.4/26

In: 24.420+/-1.015 χ^2/NDF :606.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 24.323+/-0.731 χ^2/NDF : 972.4/26

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 123.967+/-1.175 χ^2/NDF : 4890.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.401+/-1.153 χ^2/NDF : 5589.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

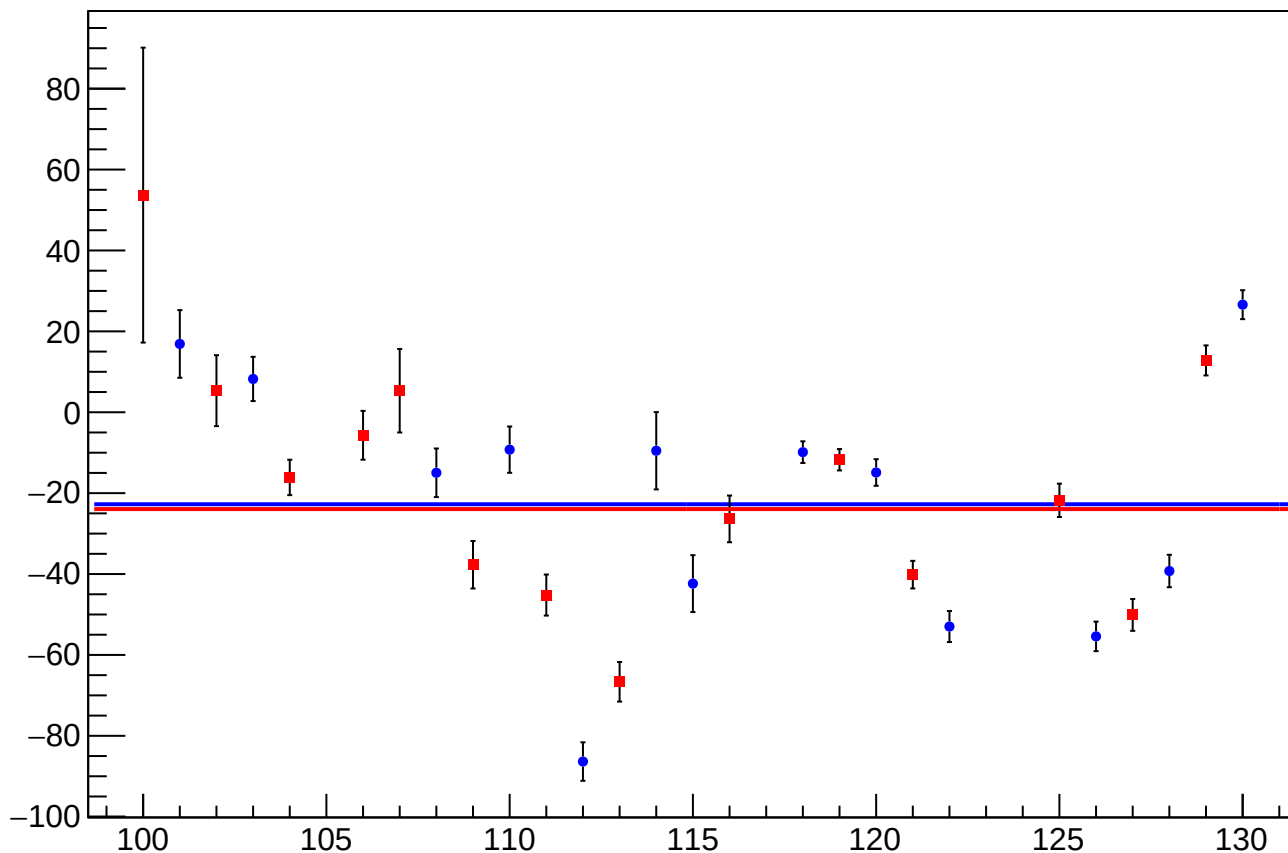
Right: 126.227+/-0.823 χ^2/NDF : 10487.3/26

In: 123.967+/-1.175 χ^2/NDF : 4890.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.227+/-0.823 χ^2/NDF : 10487.3/26

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -22.747+/-1.198 χ^2/NDF : 628.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -23.939+/-1.224 χ^2/NDF : 321.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

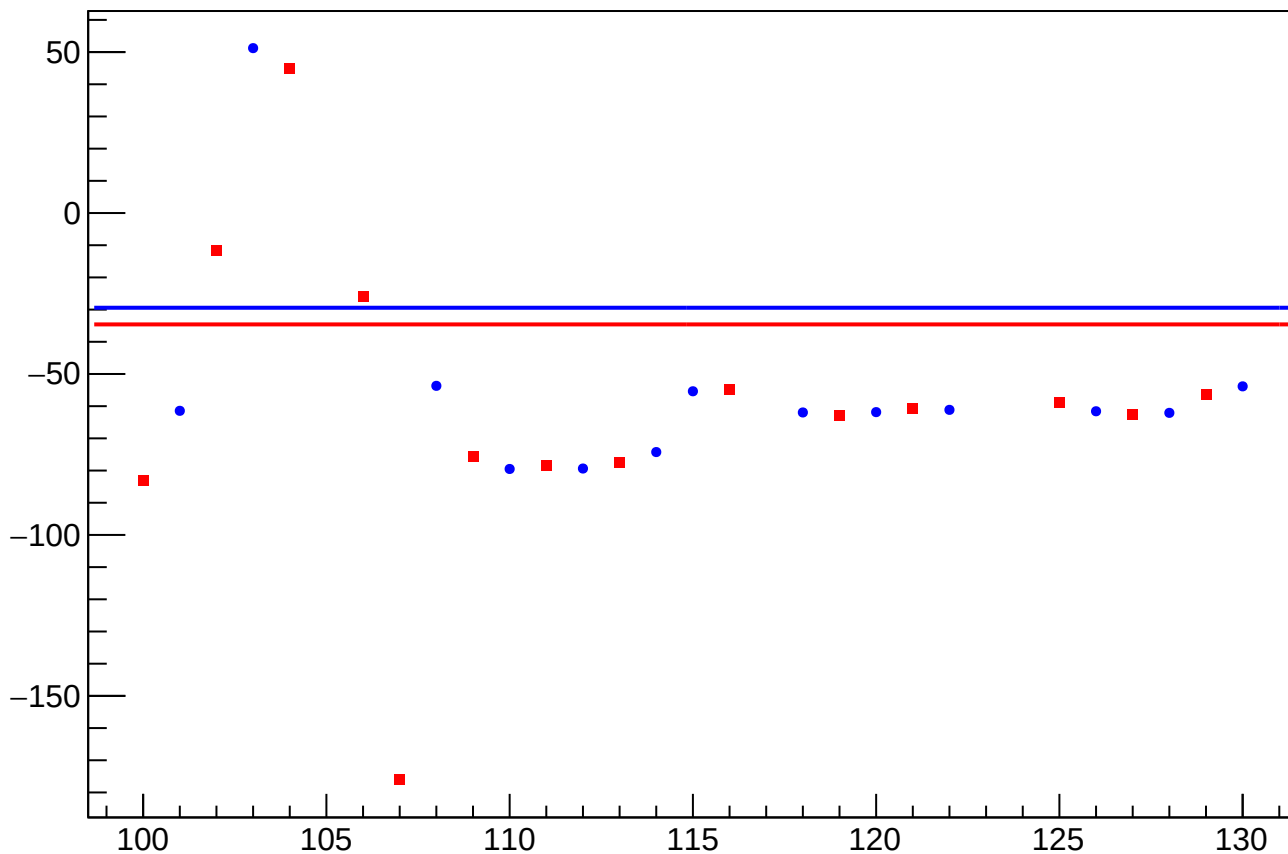
Right: -23.331+/-0.856 χ^2/NDF : 951.2/26

In: -22.747+/-1.198 χ^2/NDF : 628.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.331+/-0.856 χ^2/NDF : 951.2/26

reg_asym_us_avg_at1lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -29.421+/-0.076 χ^2/NDF : 458962.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -34.598+/-0.075 χ^2/NDF : 410452.4/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

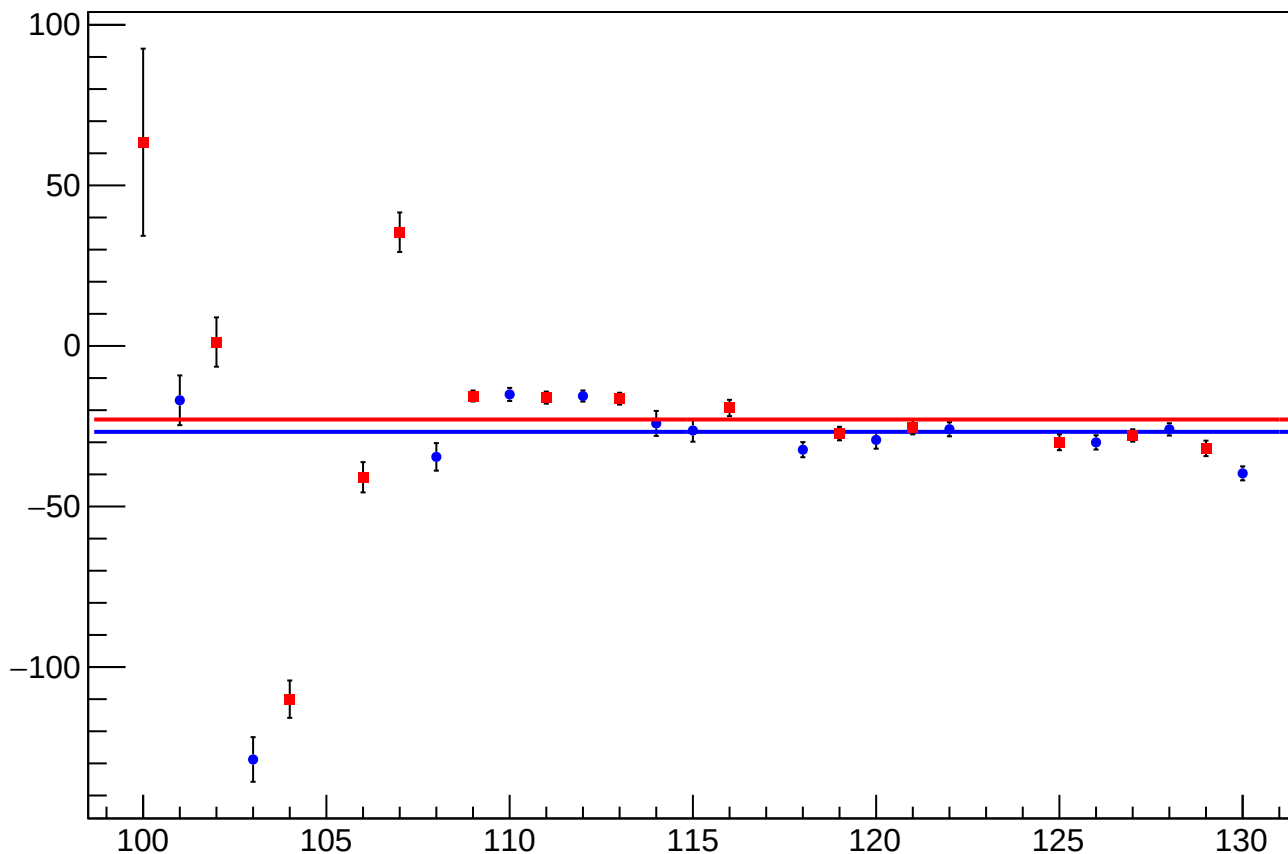
Right: -32.046+/-0.054 χ^2/NDF : 871751.9/26

In: -29.421+/-0.076 χ^2/NDF :458962.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -32.046+/-0.054 χ^2/NDF : 871751.9/26

reg_asym_us_avg_at1lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -26.747 $\pm$ 0.704 χ^2 /NDF: 338.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -22.904 $\pm$ 0.670 χ^2 /NDF: 427.0/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

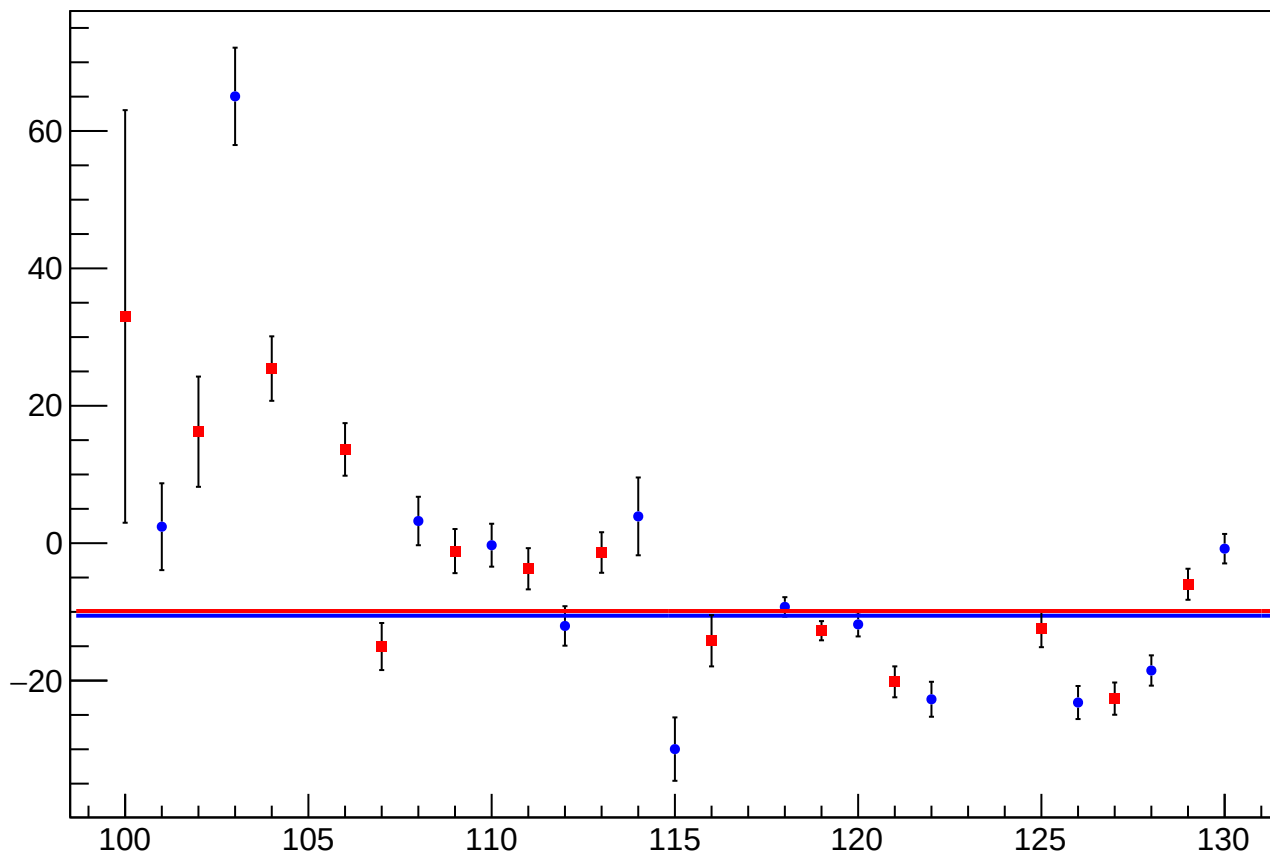
Right: -24.729 $\pm$ 0.485 χ^2 /NDF: 781.4/26

In: -26.747 $\pm$ 0.704 χ^2 /NDF:338.8/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -24.729 $\pm$ 0.485 χ^2 /NDF: 781.4/26

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -10.555+/-0.706 χ^2/NDF : 254.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.871+/-0.738 χ^2/NDF : 189.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

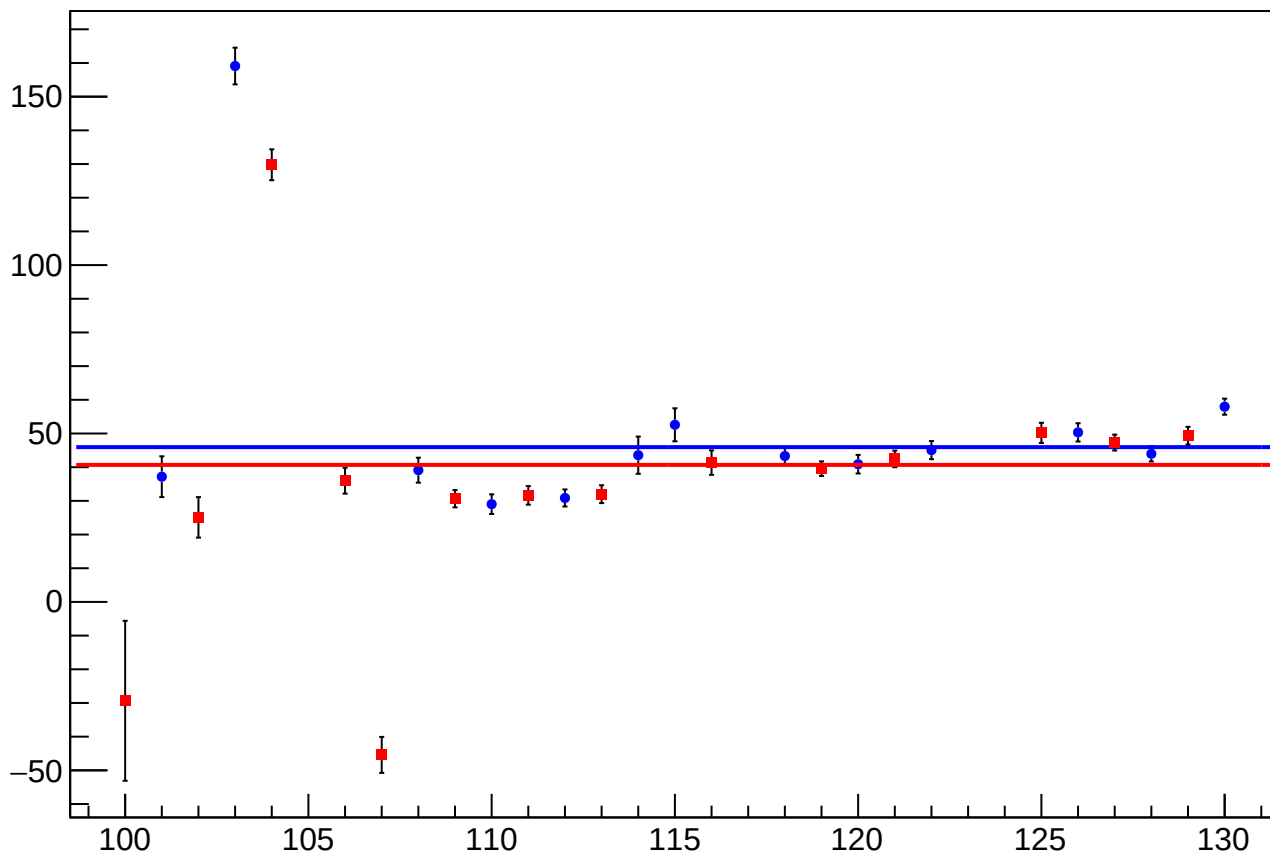
Right: -10.228+/-0.510 χ^2/NDF : 443.6/26

In: -10.555+/-0.706 χ^2/NDF : 254.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.228+/-0.510 χ^2/NDF : 443.6/26

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 45.955+/-0.834 χ^2/NDF : 541.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.679+/-0.818 χ^2/NDF : 719.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

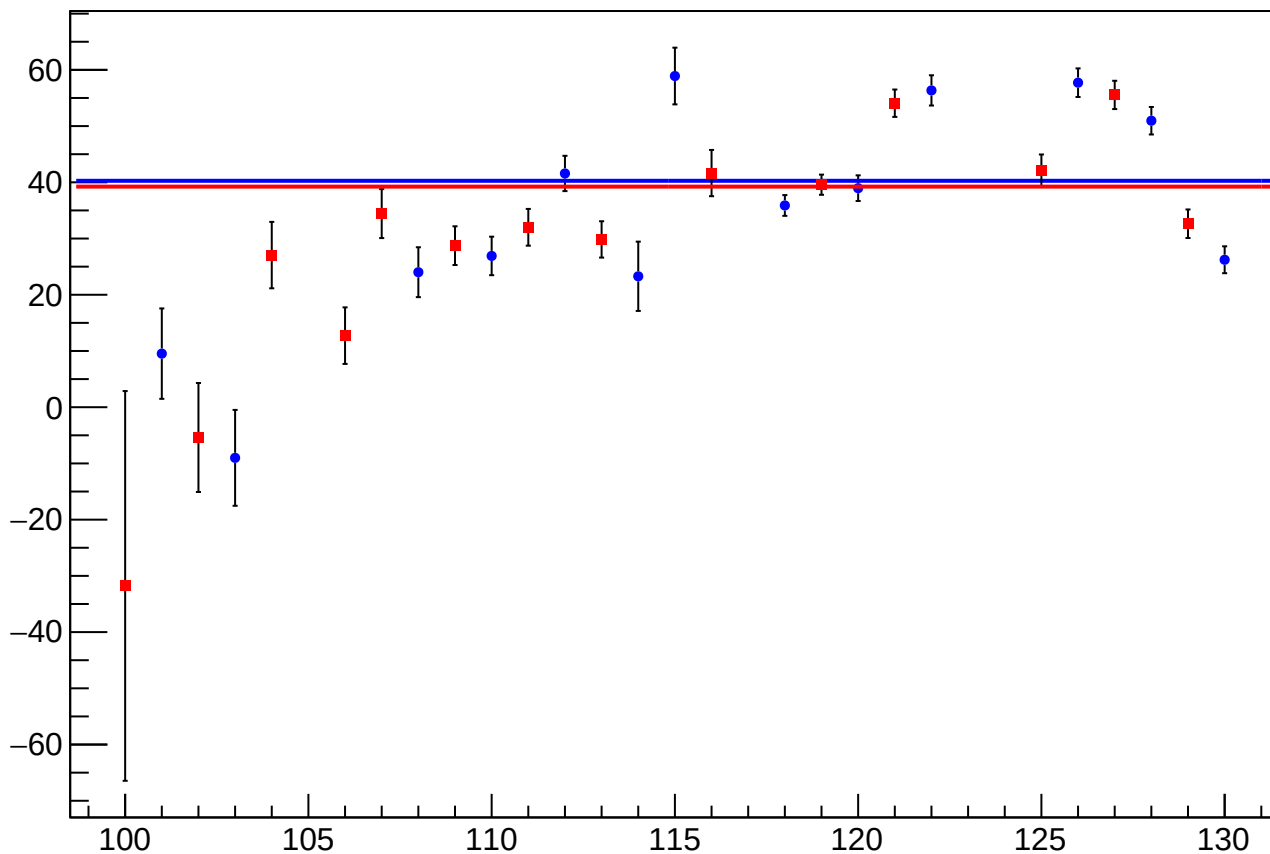
Right: 43.265+/-0.584 χ^2/NDF : 1281.3/26

In: 45.955+/-0.834 χ^2/NDF : 541.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.265+/-0.584 χ^2/NDF : 1281.3/26

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.270+/-0.830 χ^2 /NDF: 240.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 39.238+/-0.852 χ^2 /NDF: 168.5/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

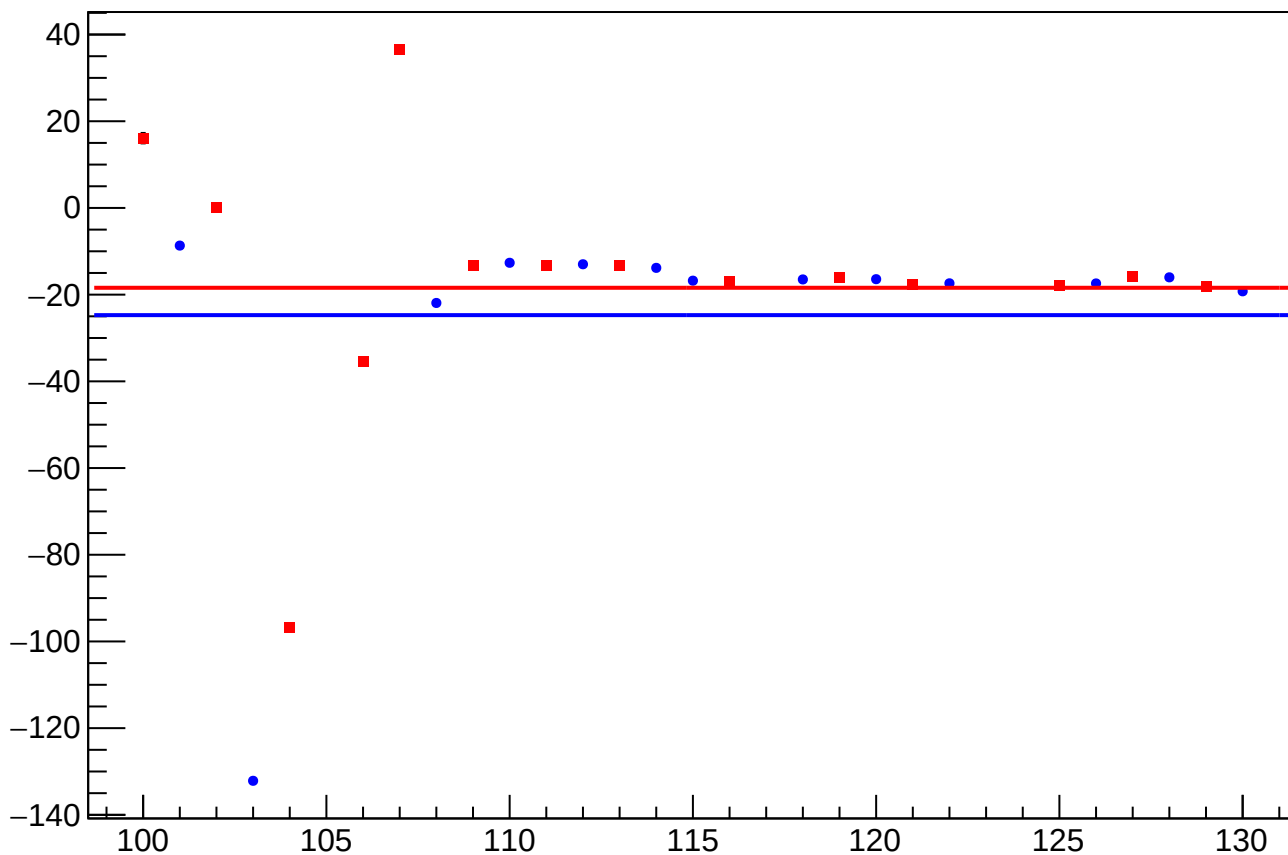
Right: 39.767+/-0.594 χ^2 /NDF: 409.7/26

In: 40.270+/-0.830 χ^2 /NDF:240.4/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 39.767+/-0.594 χ^2 /NDF: 409.7/26

reg_asym_us_avg_at1lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -24.726+/-0.060 χ^2/NDF : 235102.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.416+/-0.058 χ^2/NDF : 203472.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

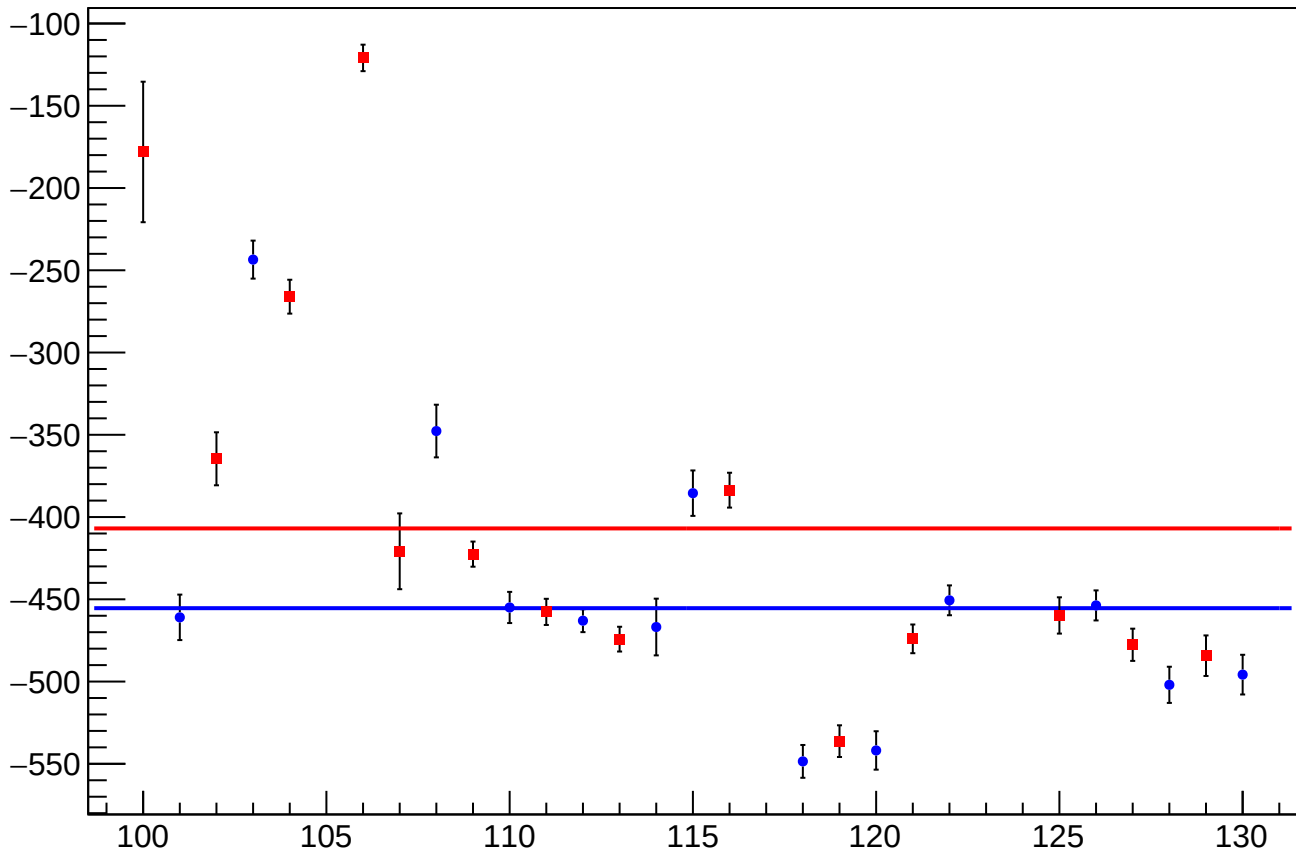
Right: -21.460+/-0.042 χ^2/NDF : 444281.2/26

In: -24.726+/-0.060 χ^2/NDF : 235102.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.460+/-0.042 χ^2/NDF : 444281.2/26

reg_asym_us_avg_at2lr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -455.394+/-2.965 χ^2 /NDF: 580.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -406.920+/-2.674 χ^2 /NDF: 1969.1/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

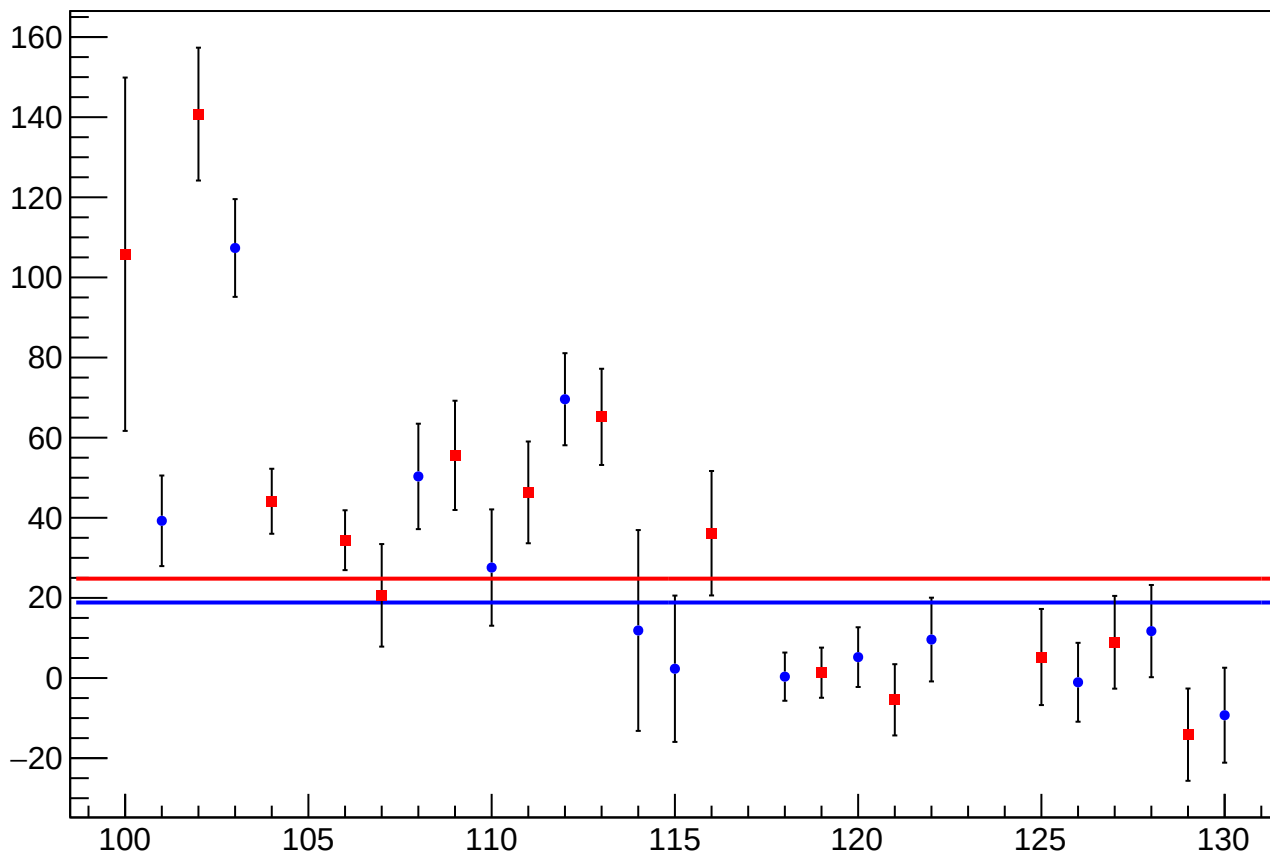
Right: -428.667+/-1.986 χ^2 /NDF: 2697.2/26

In: -455.394+/-2.965 χ^2 /NDF:580.7/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -428.667+/-1.986 χ^2 /NDF: 2697.2/26

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.850+/-2.924 χ^2/NDF : 106.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.806+/-2.816 χ^2/NDF : 121.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

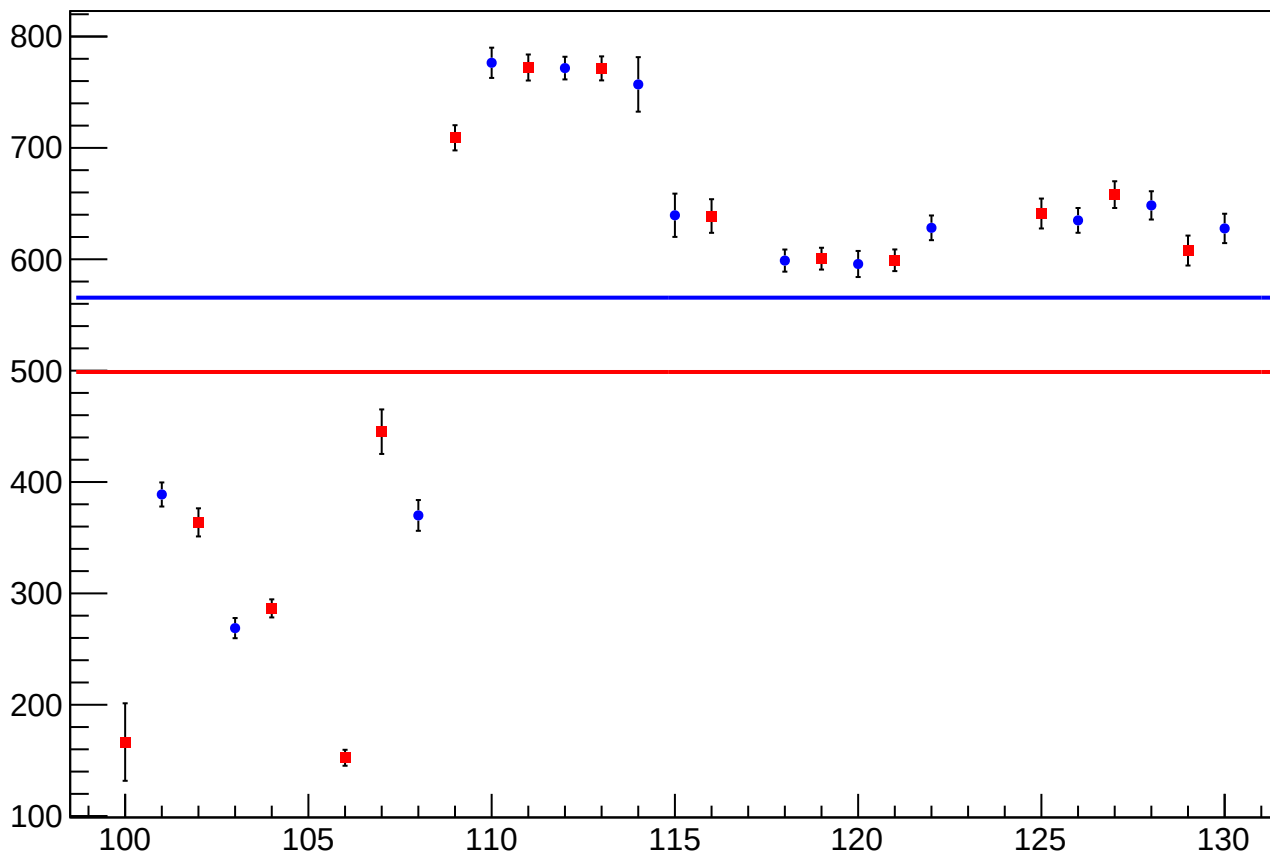
Right: 21.940+/-2.028 χ^2/NDF : 229.3/26

In: 18.850+/-2.924 χ^2/NDF : 106.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.940+/-2.028 χ^2/NDF : 229.3/26

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 565.537+/-3.316 χ^2/NDF : 2419.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 498.795+/-2.997 χ^2/NDF : 5417.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

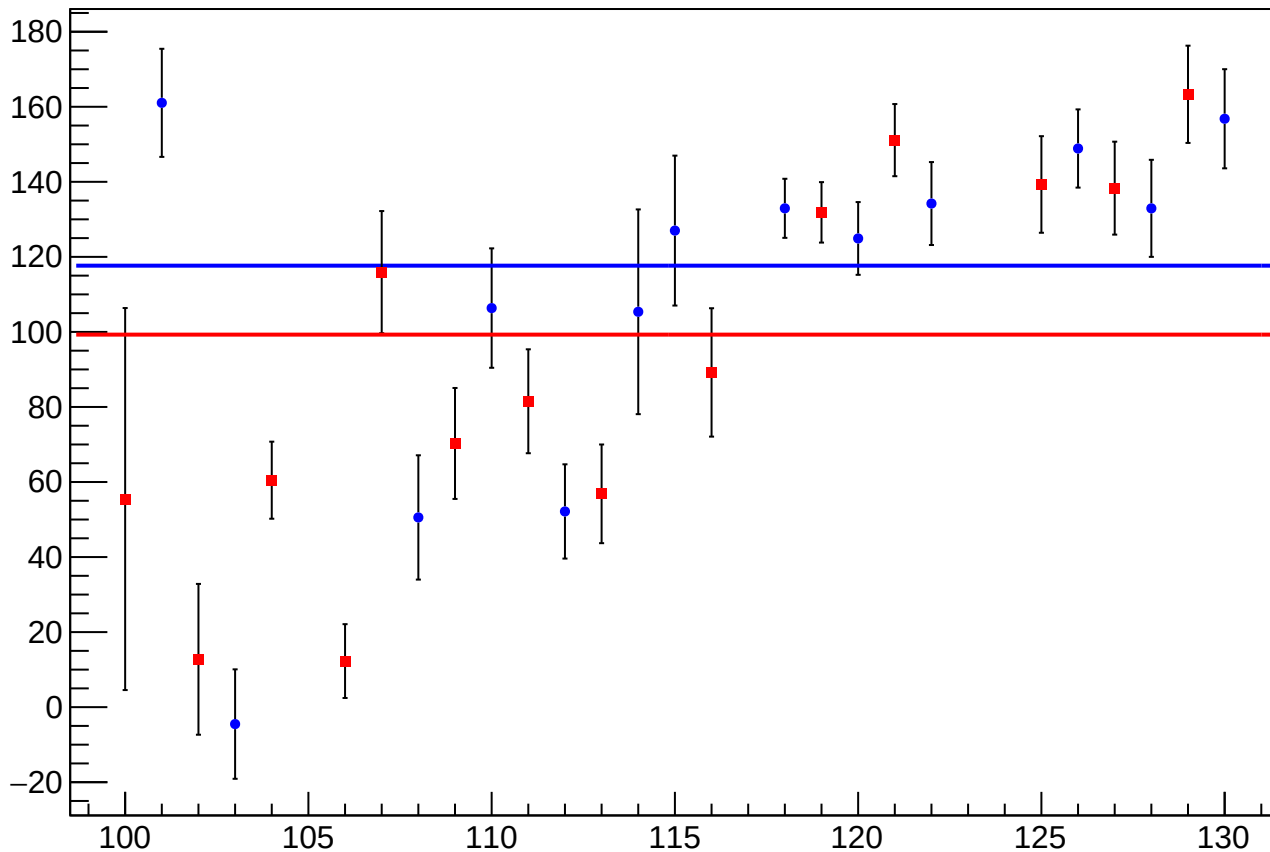
Right: 528.798+/-2.223 χ^2/NDF : 8060.4/26

In: 565.537+/-3.316 χ^2/NDF : 2419.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 528.798+/-2.223 χ^2/NDF : 8060.4/26

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.656+/-3.467 χ^2/NDF : 149.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.278+/-3.330 χ^2/NDF : 218.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

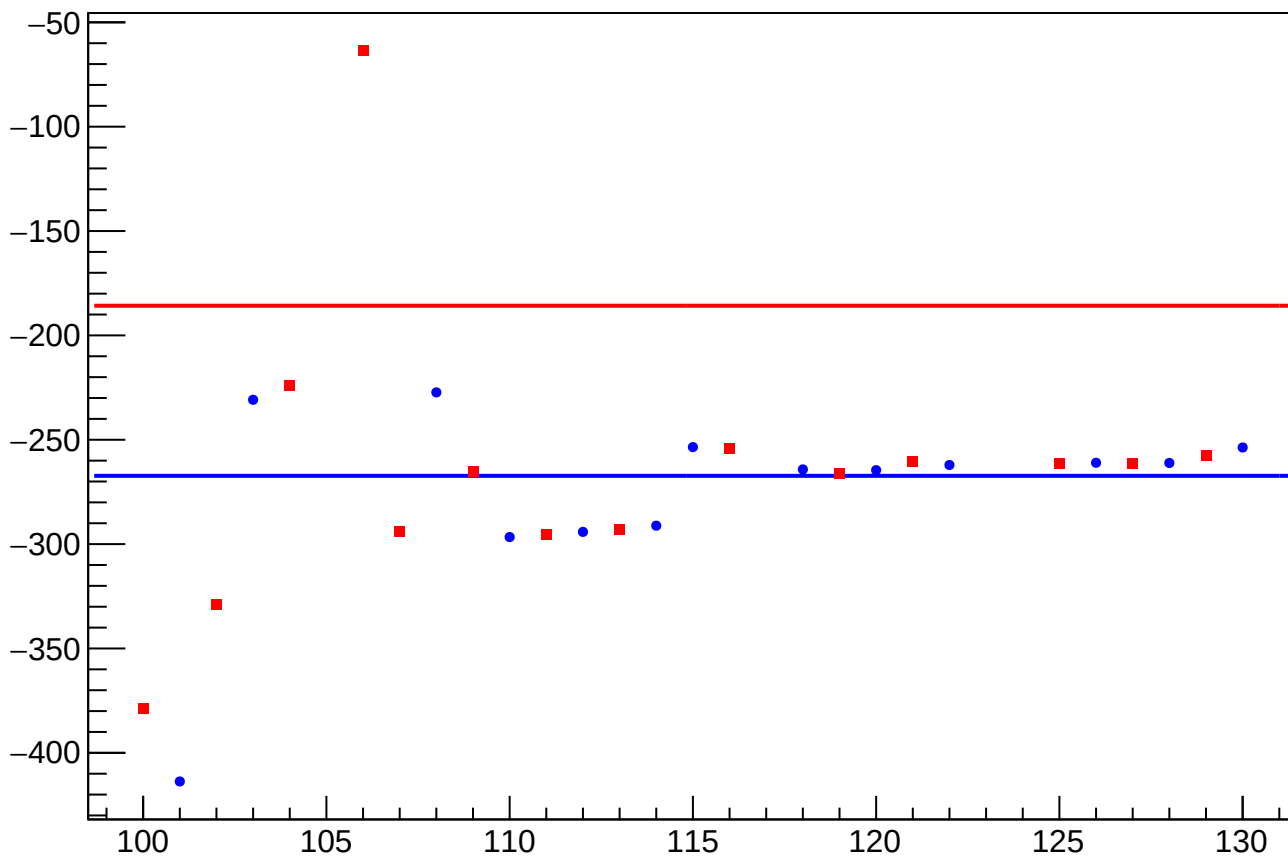
Right: 108.097+/-2.402 χ^2/NDF : 382.6/26

In: 117.656+/-3.467 χ^2/NDF : 149.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.097+/-2.402 χ^2/NDF : 382.6/26

reg_asym_us_avg_at2lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -267.283+/-0.209 χ^2/NDF : 67950.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -185.777+/-0.163 χ^2/NDF : 415290.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

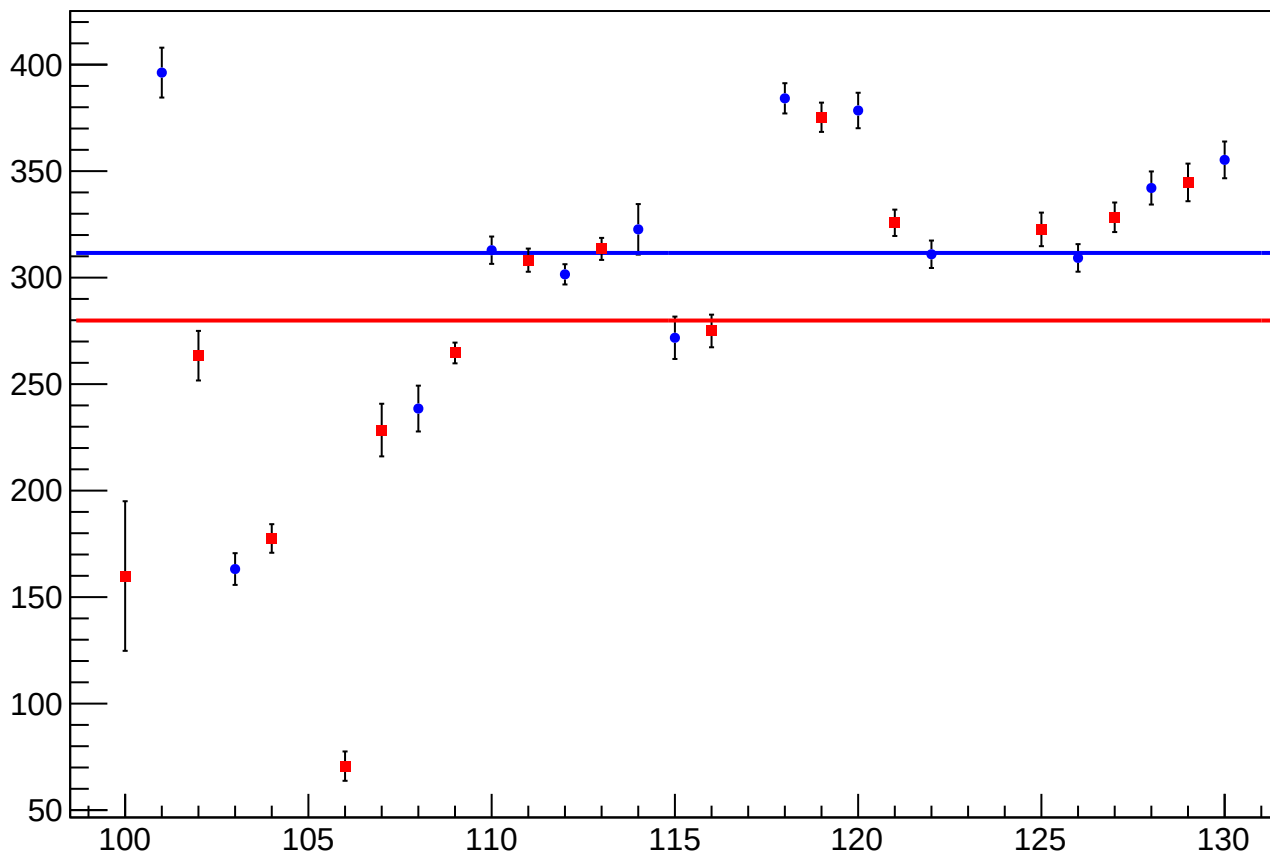
Right: -216.468+/-0.128 χ^2/NDF : 577947.5/26

In: -267.283+/-0.209 χ^2/NDF : 67950.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -216.468+/-0.128 χ^2/NDF : 577947.5/26

reg_asym_us_avg_at2lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 311.593+/-2.077 χ^2/NDF : 726.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 279.860+/-1.872 χ^2/NDF : 1645.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

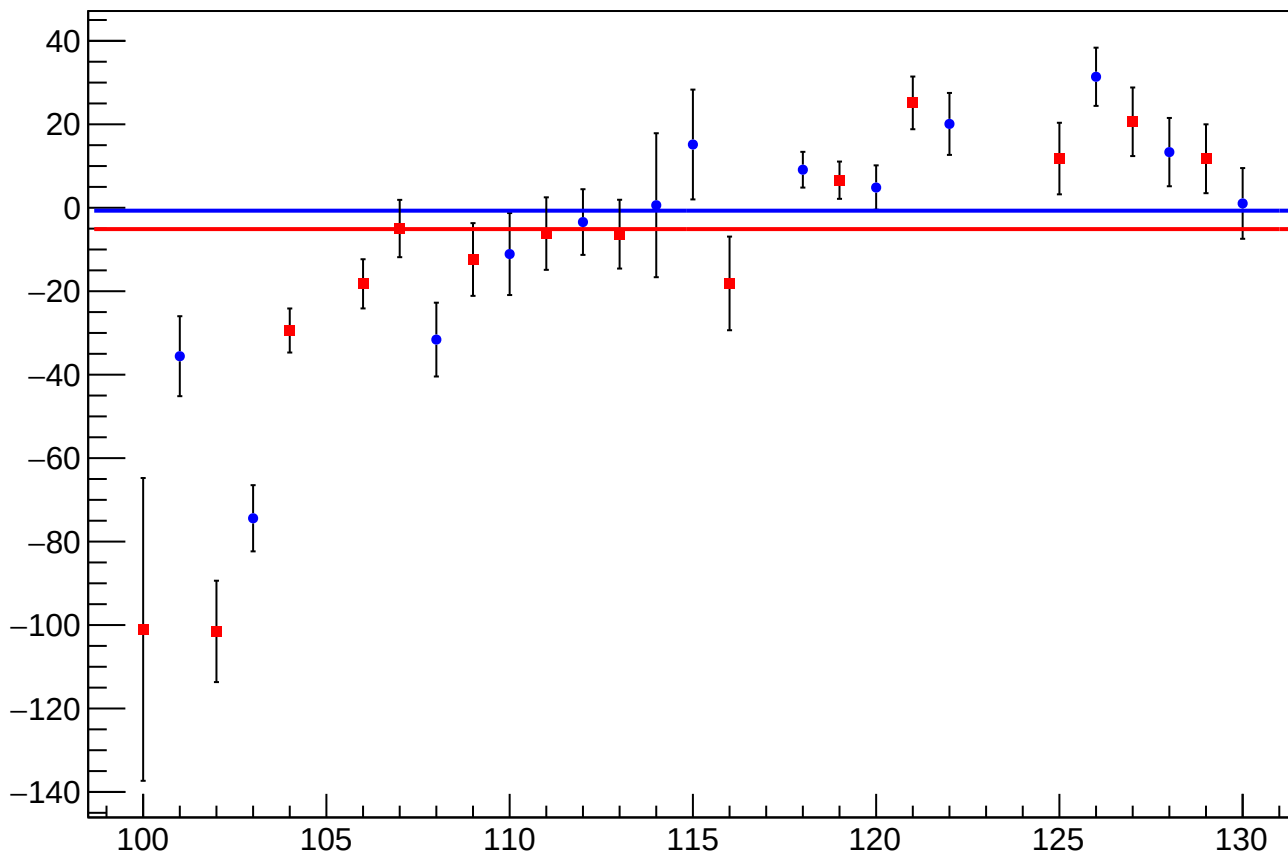
Right: 294.081+/-1.390 χ^2/NDF : 2501.5/26

In: 311.593+/-2.077 χ^2/NDF : 726.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 294.081+/-1.390 χ^2/NDF : 2501.5/26

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.697 ± 2.073 χ^2/NDF : 152.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -5.111 ± 1.958 χ^2/NDF : 145.9/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

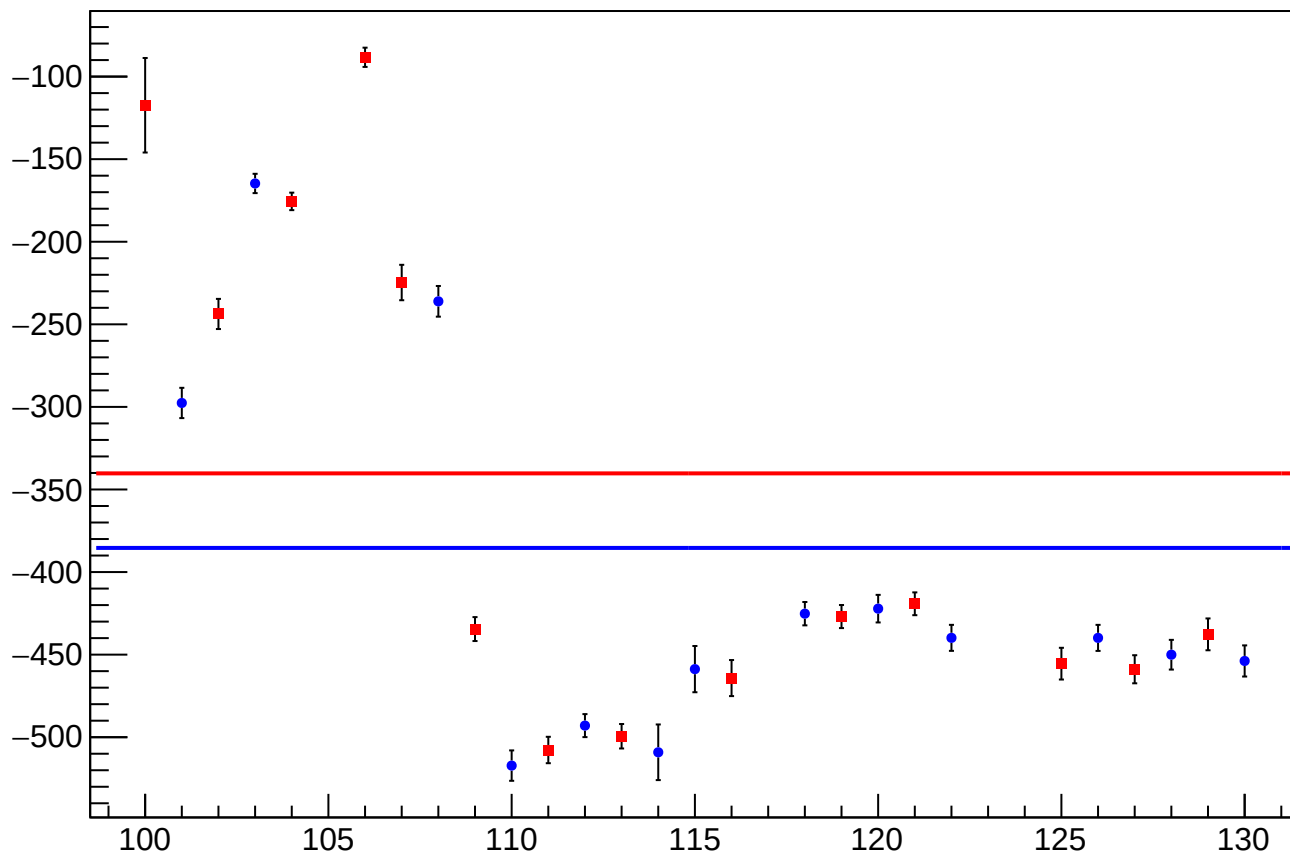
Right: -3.029 ± 1.424 χ^2/NDF : 301.1/26

In: -0.697 ± 2.073 χ^2/NDF : 152.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.029 ± 1.424 χ^2/NDF : 301.1/26

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -385.384+/-2.331 χ^2 /NDF: 2551.5/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -340.252+/-2.107 χ^2 /NDF: 5049.9/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

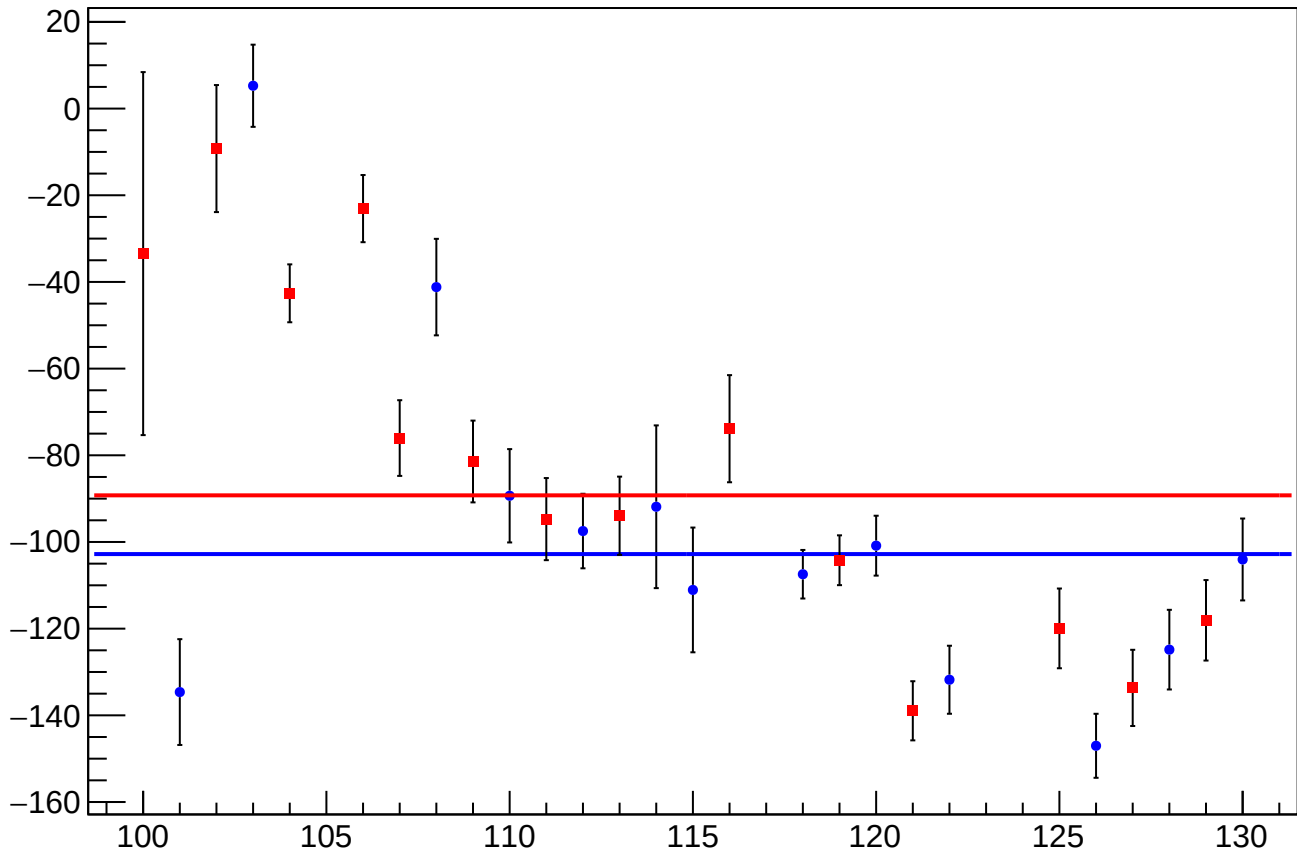
Right: -360.540+/-1.563 χ^2 /NDF: 7807.6/26

In: -385.384+/-2.331 χ^2 /NDF:2551.5/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -360.540+/-1.563 χ^2 /NDF: 7807.6/26

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -102.793+/-2.453 χ^2/NDF : 226.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -89.241+/-2.314 χ^2/NDF : 264.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

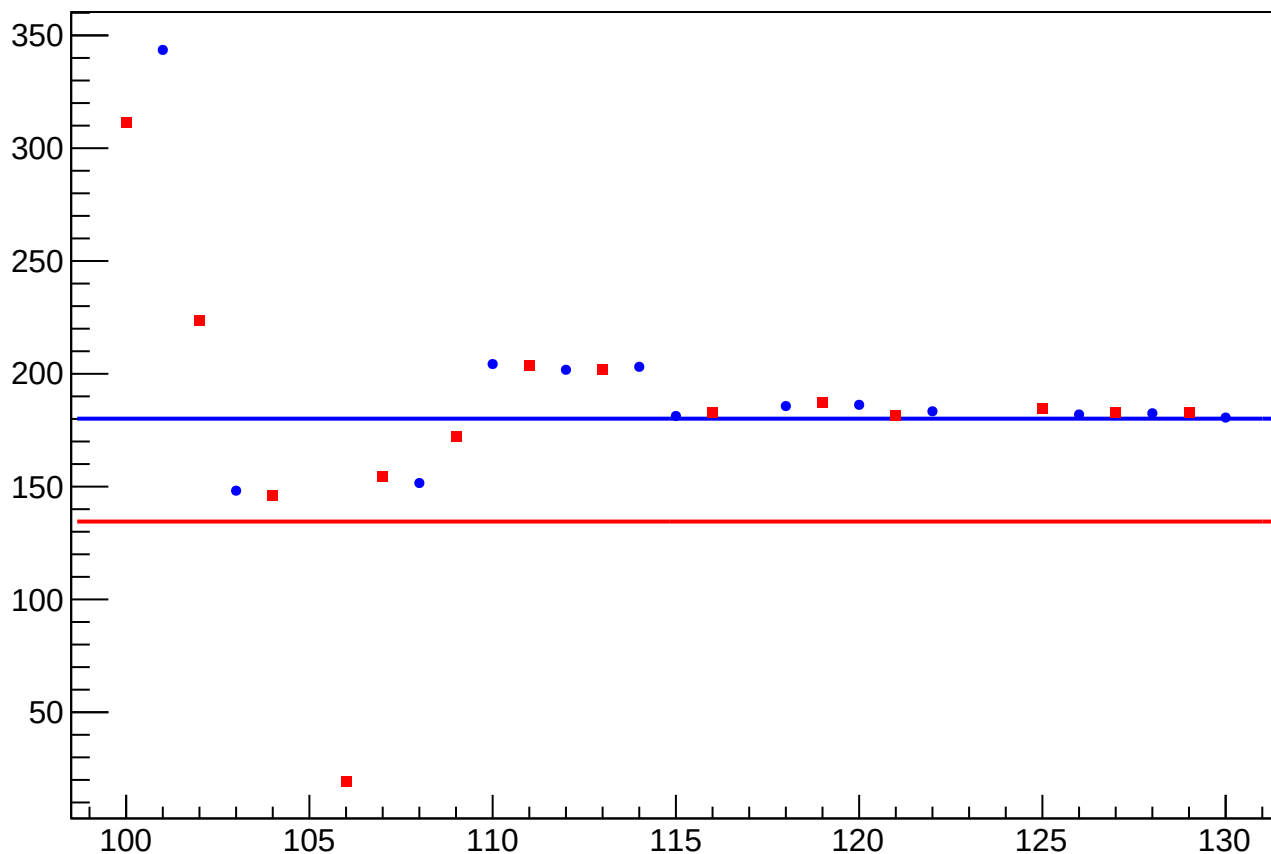
Right: -95.622+/-1.684 χ^2/NDF : 506.6/26

In: -102.793+/-2.453 χ^2/NDF : 226.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -95.622+/-1.684 χ^2/NDF : 506.6/26

reg_asym_us_avg_at2lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 180.123+/-0.144 χ^2/NDF : 114886.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.520+/-0.121 χ^2/NDF : 379561.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

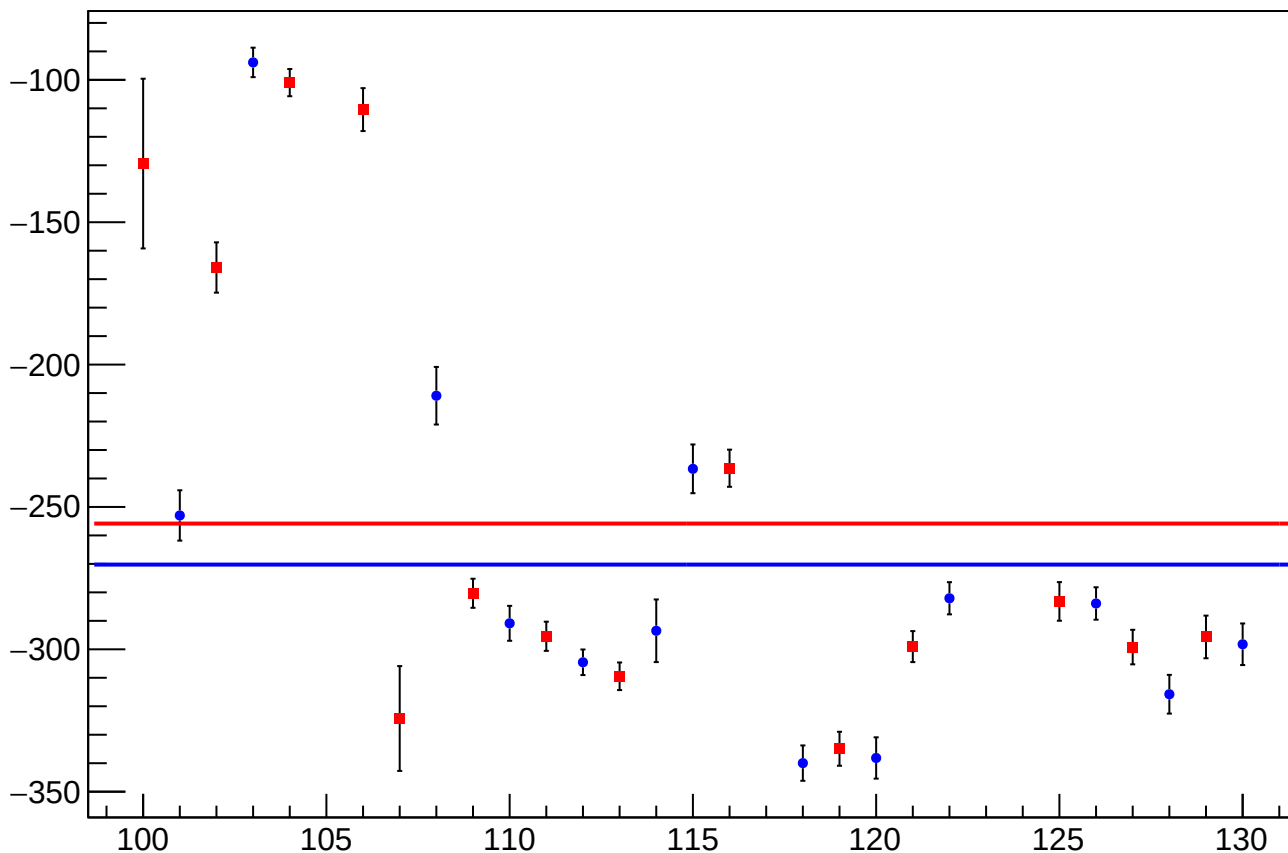
Right: 153.282+/-0.093 χ^2/NDF : 553115.0/26

In: 180.123+/-0.144 χ^2/NDF : 114886.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.282+/-0.093 χ^2/NDF : 553115.0/26

reg_asym_us_avg_atlr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -270.243+/-1.809 χ^2/NDF : 1572.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -255.835+/-1.692 χ^2/NDF : 2106.3/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

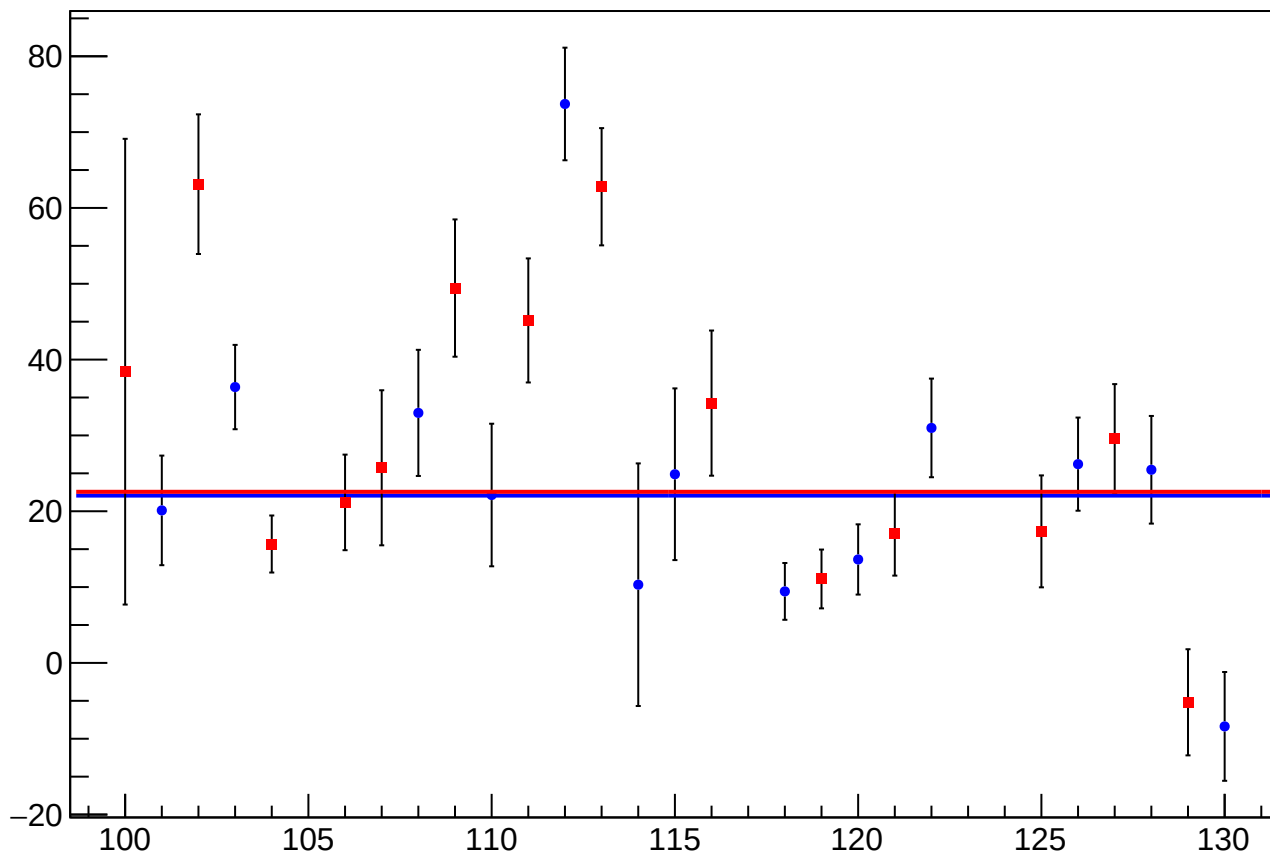
Right: -262.556+/-1.236 χ^2/NDF : 3712.4/26

In: -270.243+/-1.809 χ^2/NDF :1572.3/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -262.556+/-1.236 χ^2/NDF : 3712.4/26

reg_asym_us_avg_atlr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.066+/-1.783 χ^2/NDF : 92.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.566+/-1.740 χ^2/NDF : 95.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

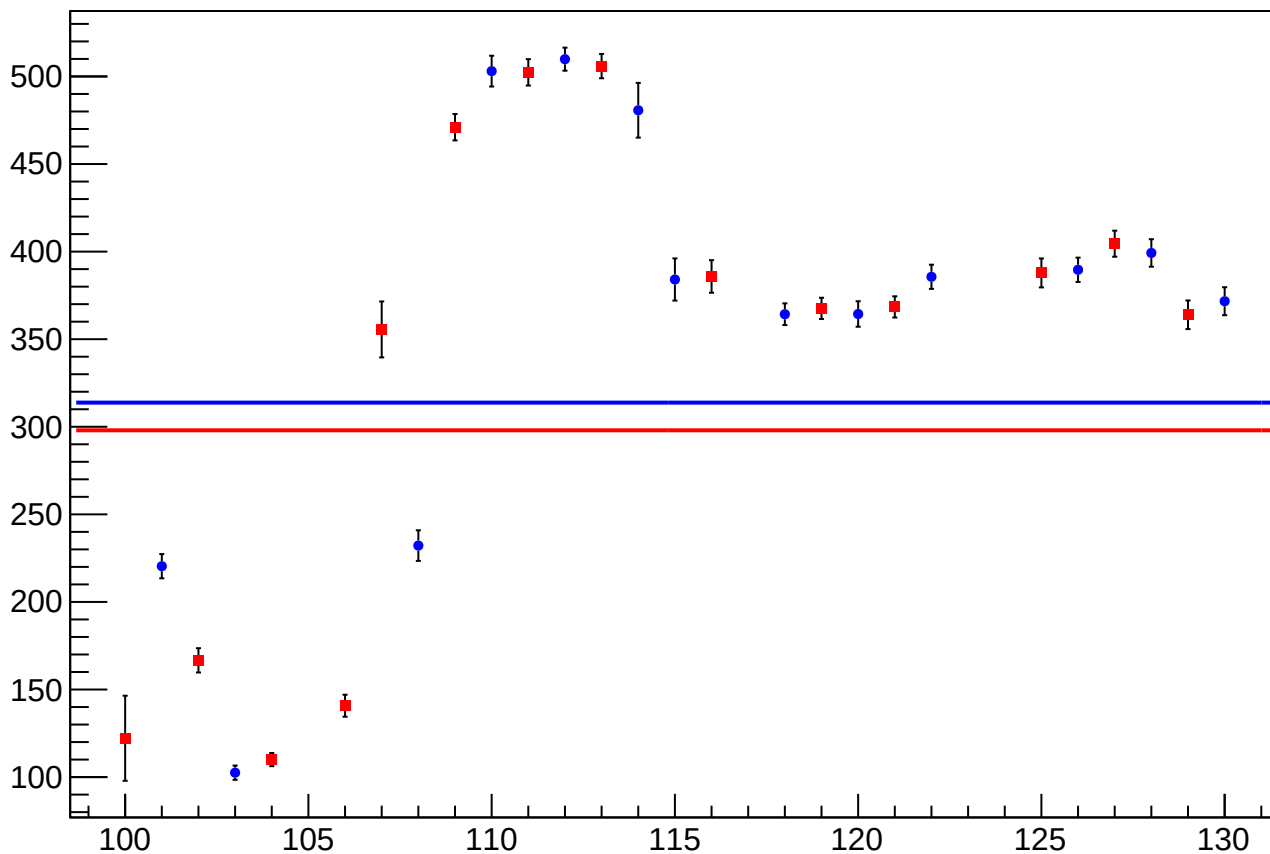
Right: 22.322+/-1.245 χ^2/NDF : 187.9/26

In: 22.066+/-1.783 χ^2/NDF : 92.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.322+/-1.245 χ^2/NDF : 187.9/26

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 313.795+/-1.960 χ^2/NDF : 4986.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 297.980+/-1.851 χ^2/NDF : 6447.7/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

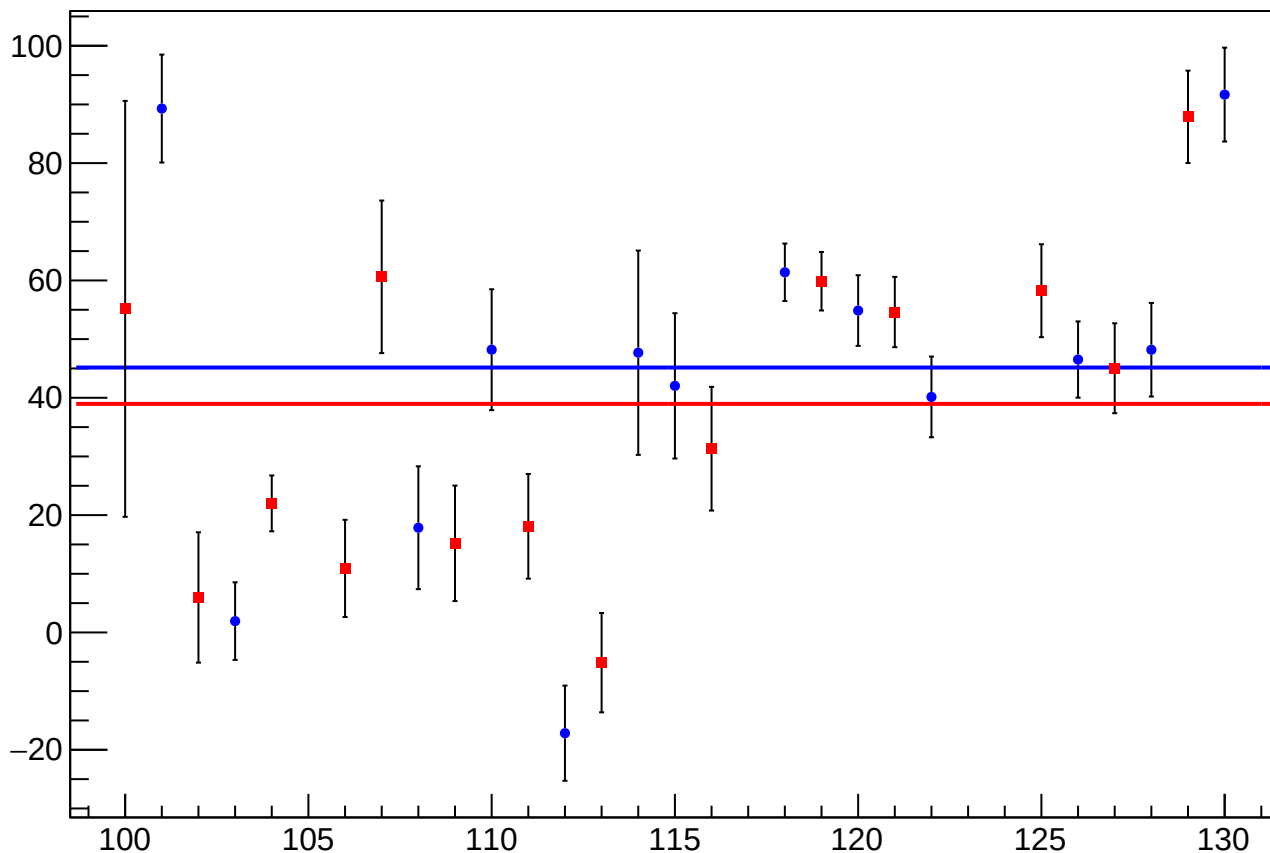
Right: 305.434+/-1.346 χ^2/NDF : 11468.2/26

In: 313.795+/-1.960 χ^2/NDF :4986.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 305.434+/-1.346 χ^2/NDF : 11468.2/26

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.157+/-2.115 χ^2/NDF : 179.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.961+/-2.056 χ^2/NDF : 144.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

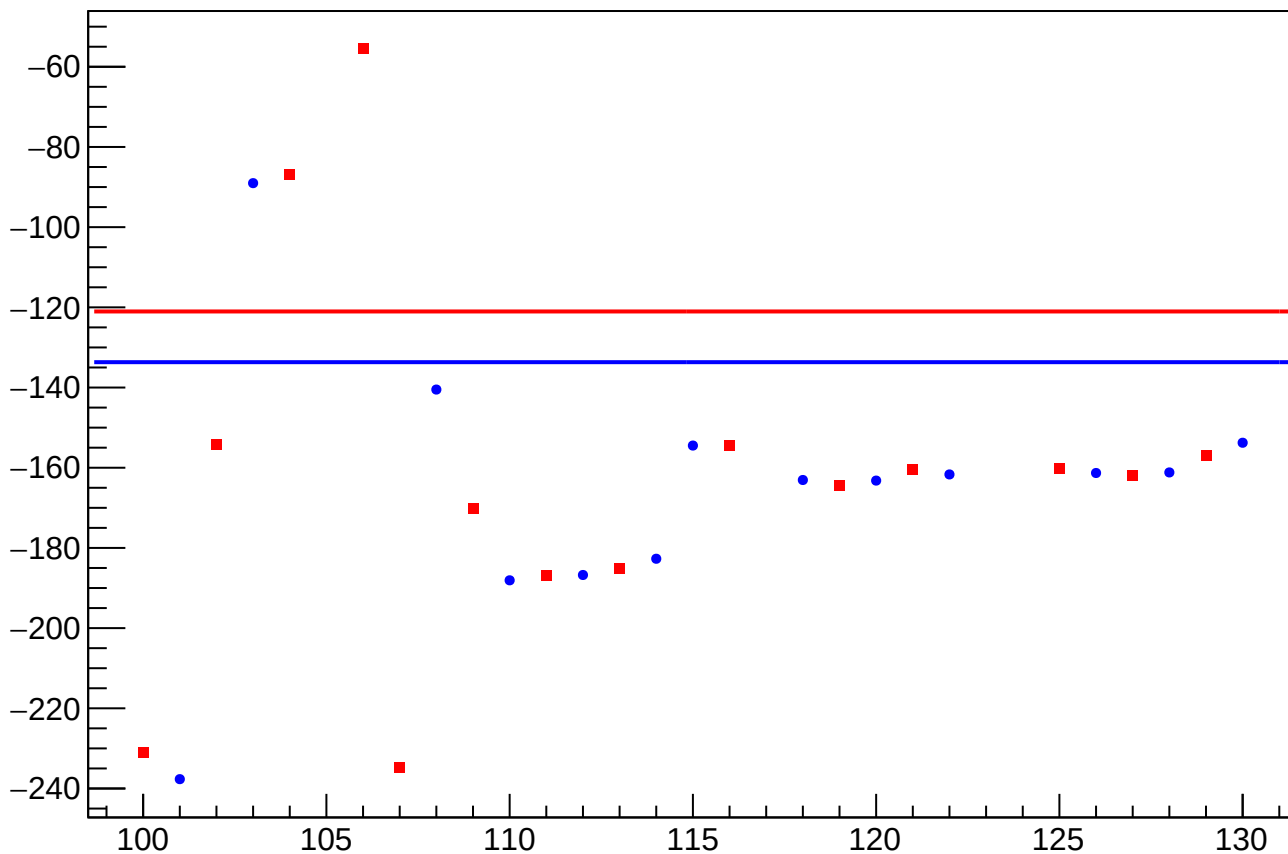
Right: 41.972+/-1.474 χ^2/NDF : 328.7/26

In: 45.157+/-2.115 χ^2/NDF : 179.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.972+/-1.474 χ^2/NDF : 328.7/26

reg_asym_us_avg_atlr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -133.674+/-0.115 χ^2/NDF : 166374.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -121.026+/-0.107 χ^2/NDF : 214043.7/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

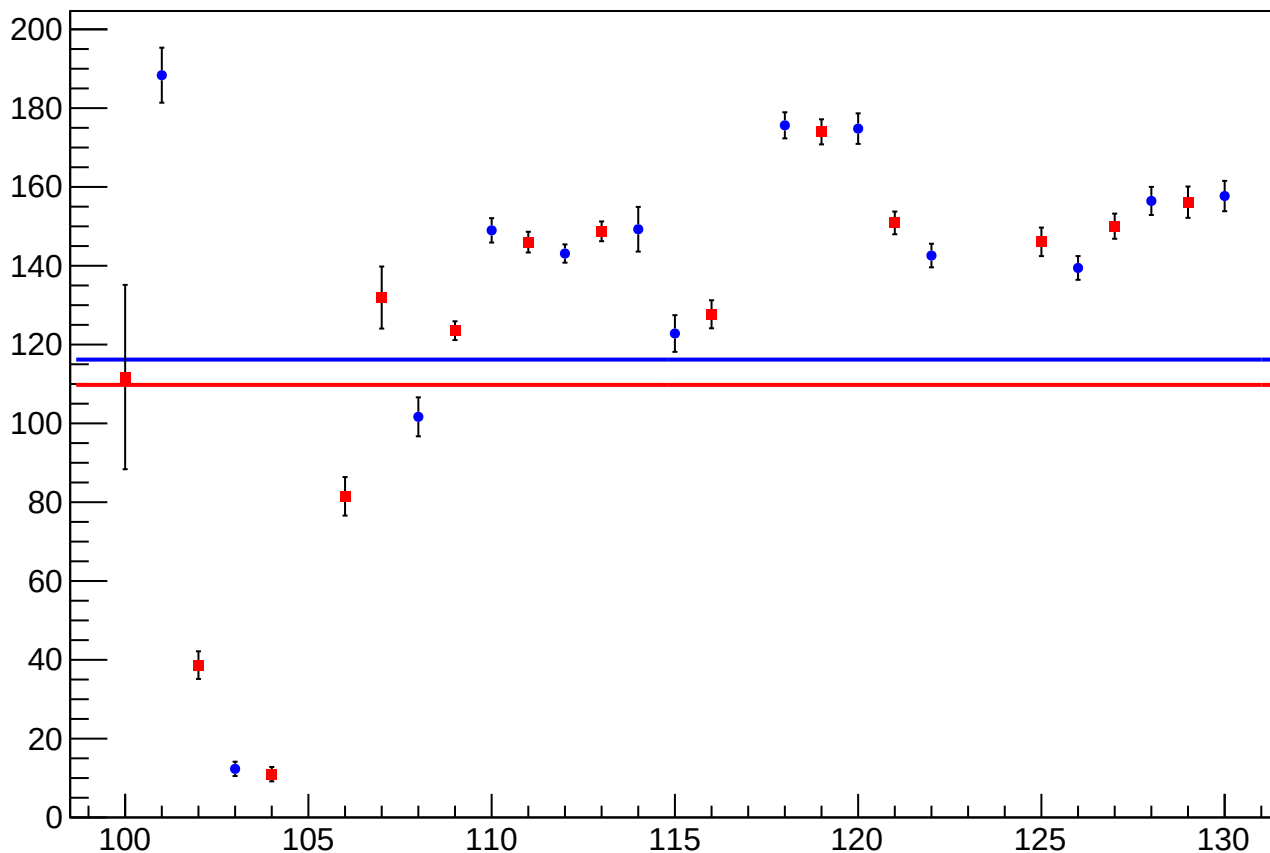
Right: -126.870+/-0.078 χ^2/NDF : 386881.9/26

In: -133.674+/-0.115 χ^2/NDF :166374.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -126.870+/-0.078 χ^2/NDF : 386881.9/26

reg_asym_us_avg_atlr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 116.189+/-0.892 χ^2/NDF : 4596.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 109.770+/-0.829 χ^2/NDF : 4872.5/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

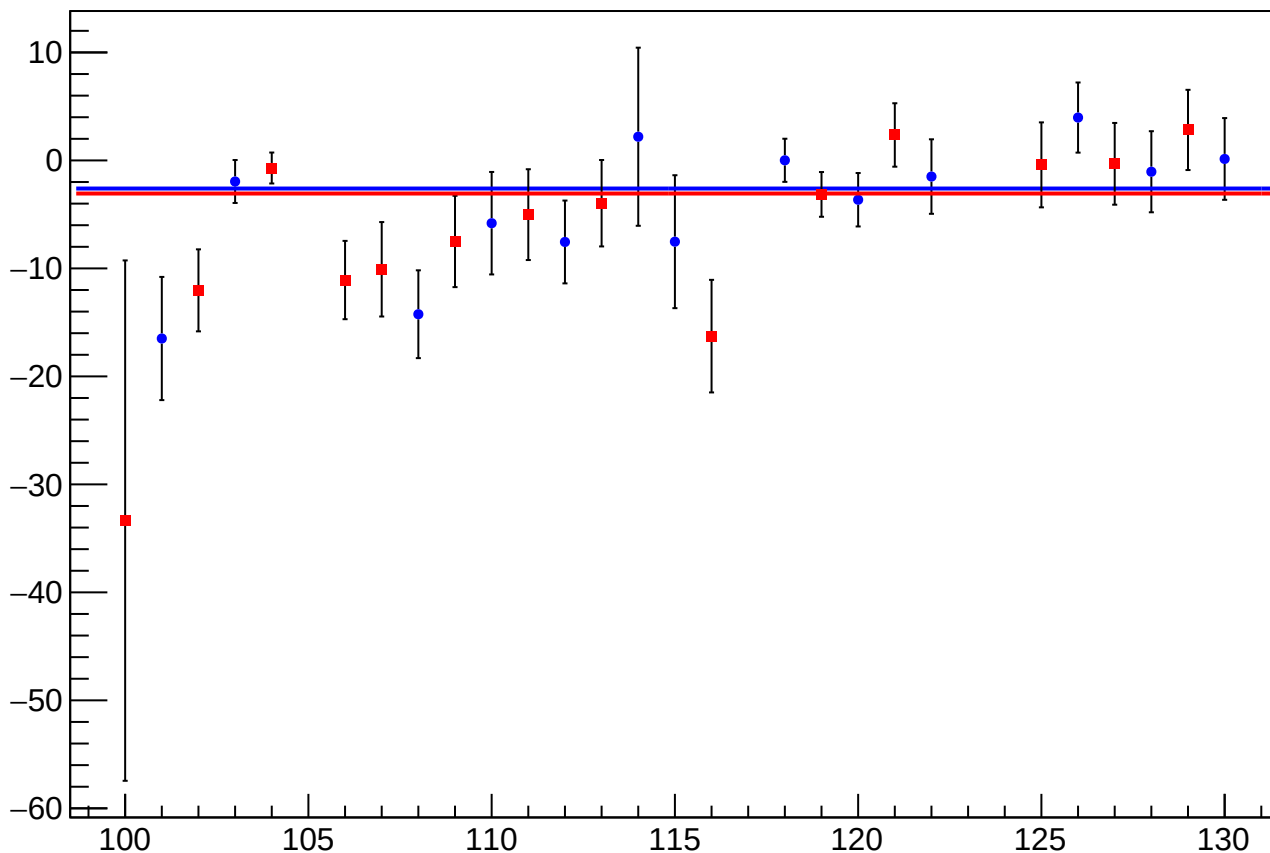
Right: 112.745+/-0.607 χ^2/NDF : 9496.8/26

In: 116.189+/-0.892 χ^2/NDF :4596.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 112.745+/-0.607 χ^2/NDF : 9496.8/26

reg_asym_us_avg_atlr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.603+/-0.901 χ^2/NDF : 24.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.065+/-0.829 χ^2/NDF : 32.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

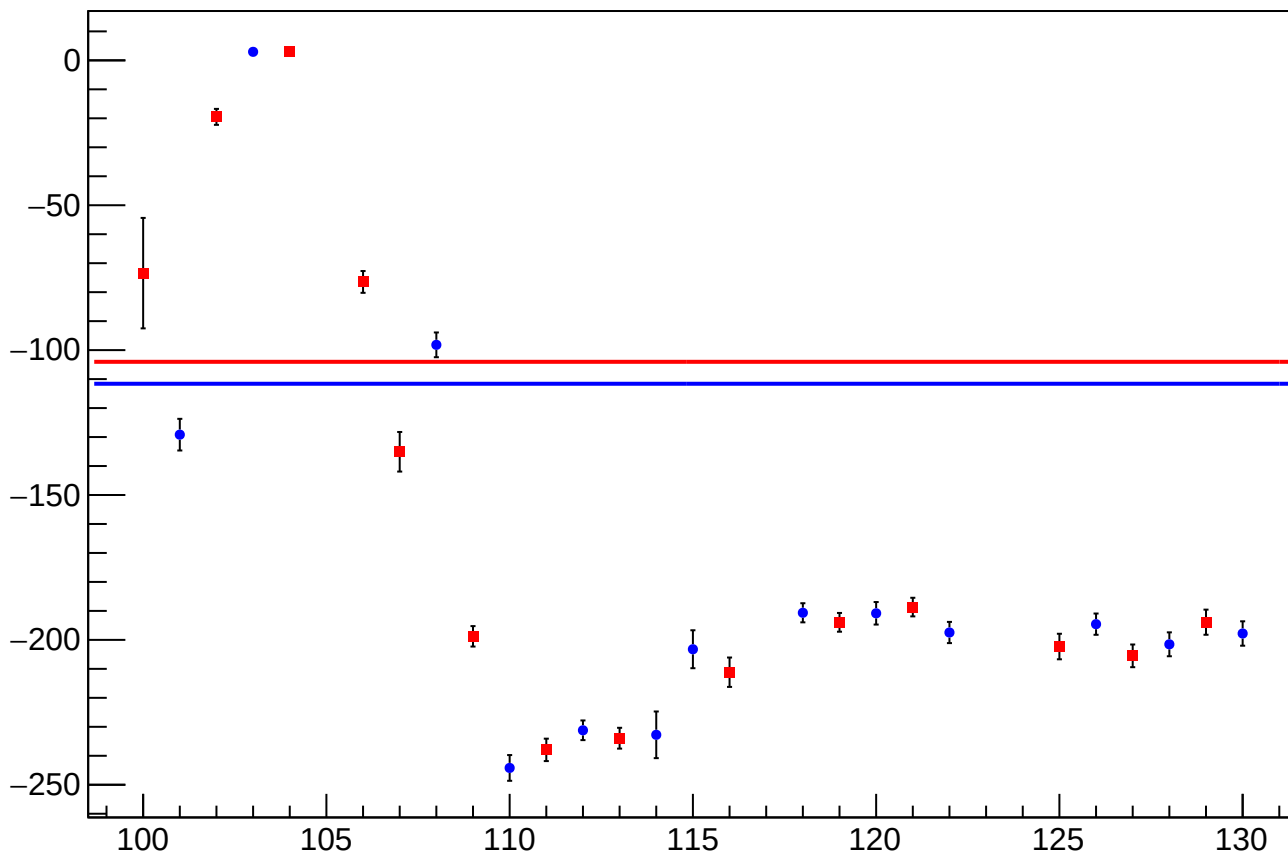
Right: -2.854+/-0.610 χ^2/NDF : 56.3/26

In: -2.603+/-0.901 χ^2/NDF : 24.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.854+/-0.610 χ^2/NDF : 56.3/26

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -111.609 ± 0.922 χ^2/NDF : 11957.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -104.035 ± 0.866 χ^2/NDF : 13267.4/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

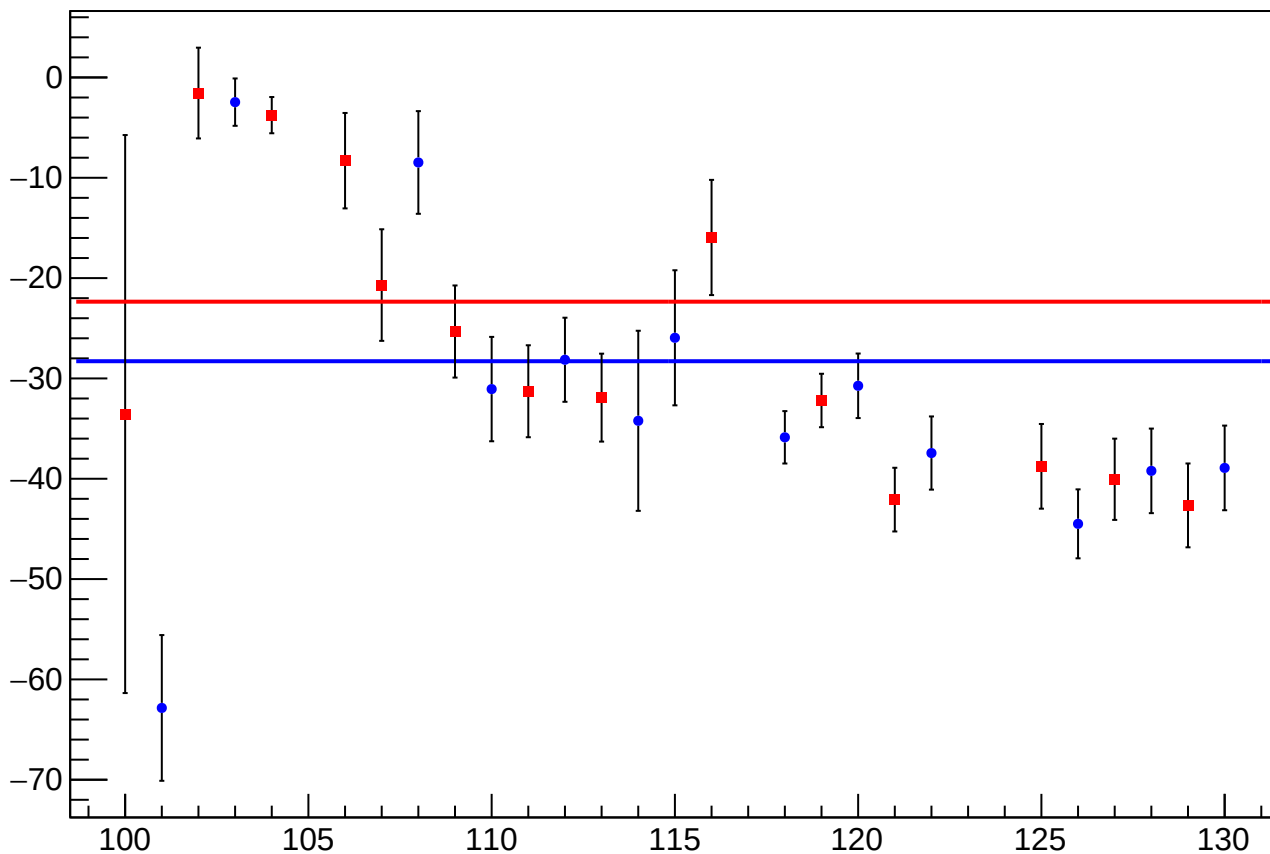
Right: -107.585 ± 0.631 χ^2/NDF : 25260.7/26

In: -111.609 ± 0.922 χ^2/NDF : 11957.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -107.585 ± 0.631 χ^2/NDF : 25260.7/26

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -28.284 ± 1.066 χ^2/NDF : 208.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -22.350 ± 0.988 χ^2/NDF : 256.5/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

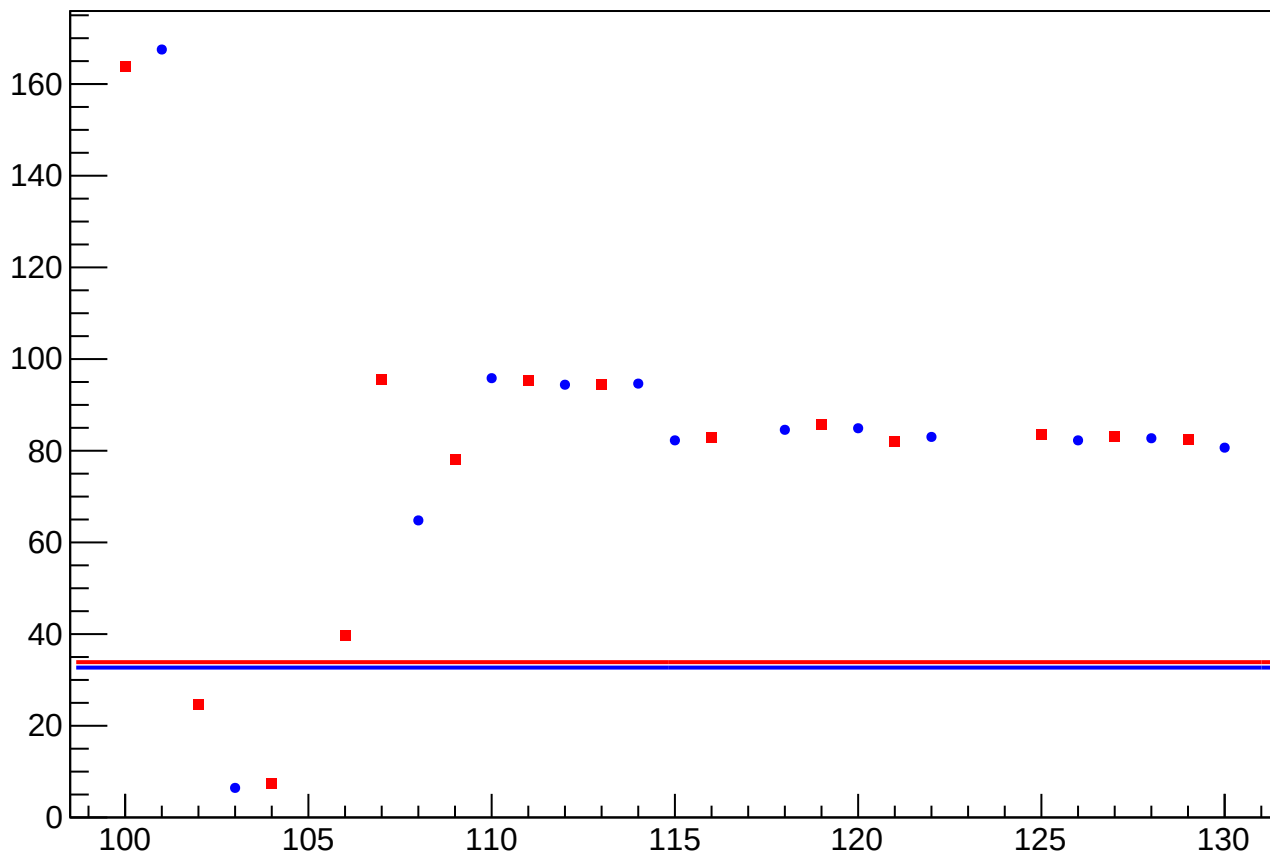
Right: -25.092 ± 0.724 χ^2/NDF : 482.0/26

In: -28.284 ± 1.066 χ^2/NDF : 208.8/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -25.092 ± 0.724 χ^2/NDF : 482.0/26

reg_asym_us_avg_atlr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 32.695+/-0.049 χ^2/NDF : 678263.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.880+/-0.048 χ^2/NDF : 500096.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

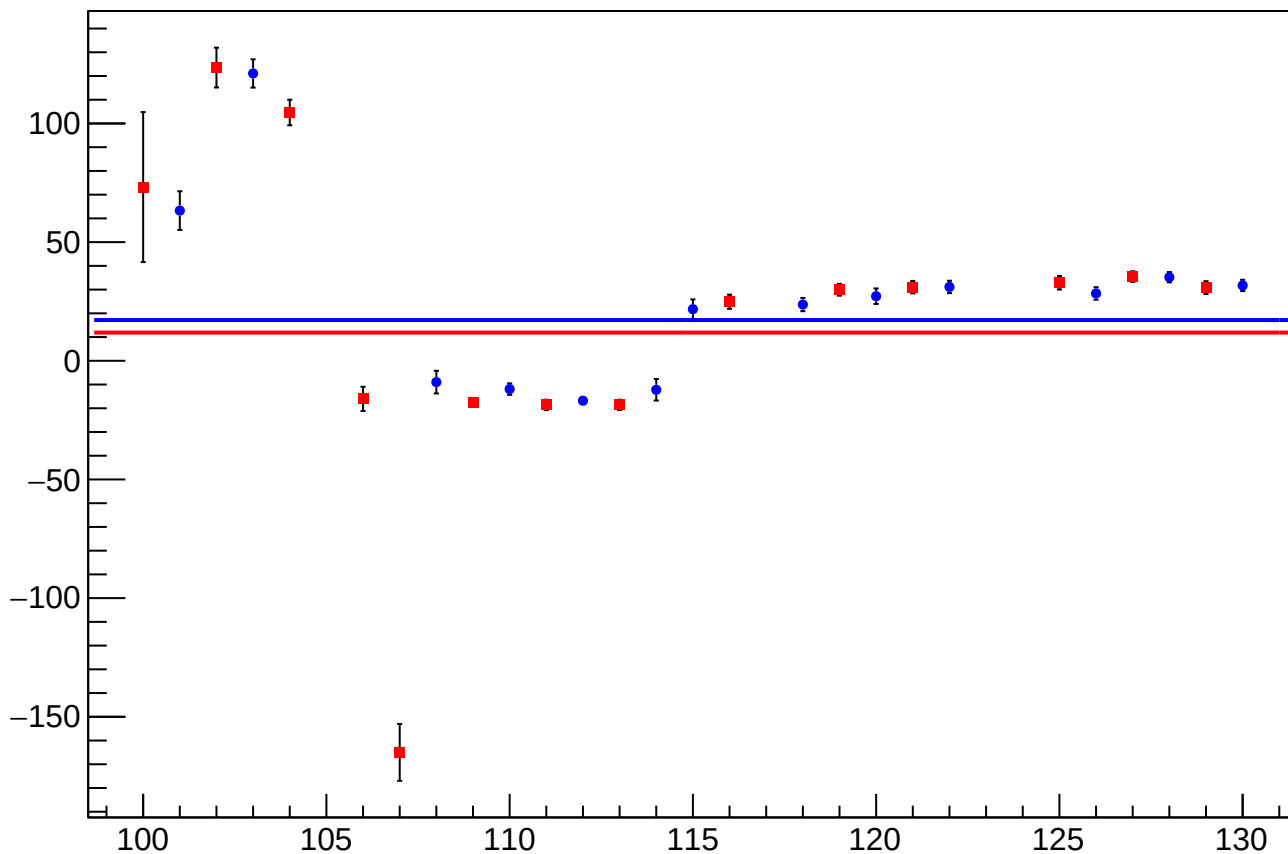
Right: 33.294+/-0.034 χ^2/NDF : 1178659.4/26

In: 32.695+/-0.049 χ^2/NDF : 678263.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.294+/-0.034 χ^2/NDF : 1178659.4/26

reg_asym_us_dd_at1lr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 17.164+/-0.814 χ^2 /NDF: 1000.8/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 11.888+/-0.783 χ^2 /NDF: 1660.0/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

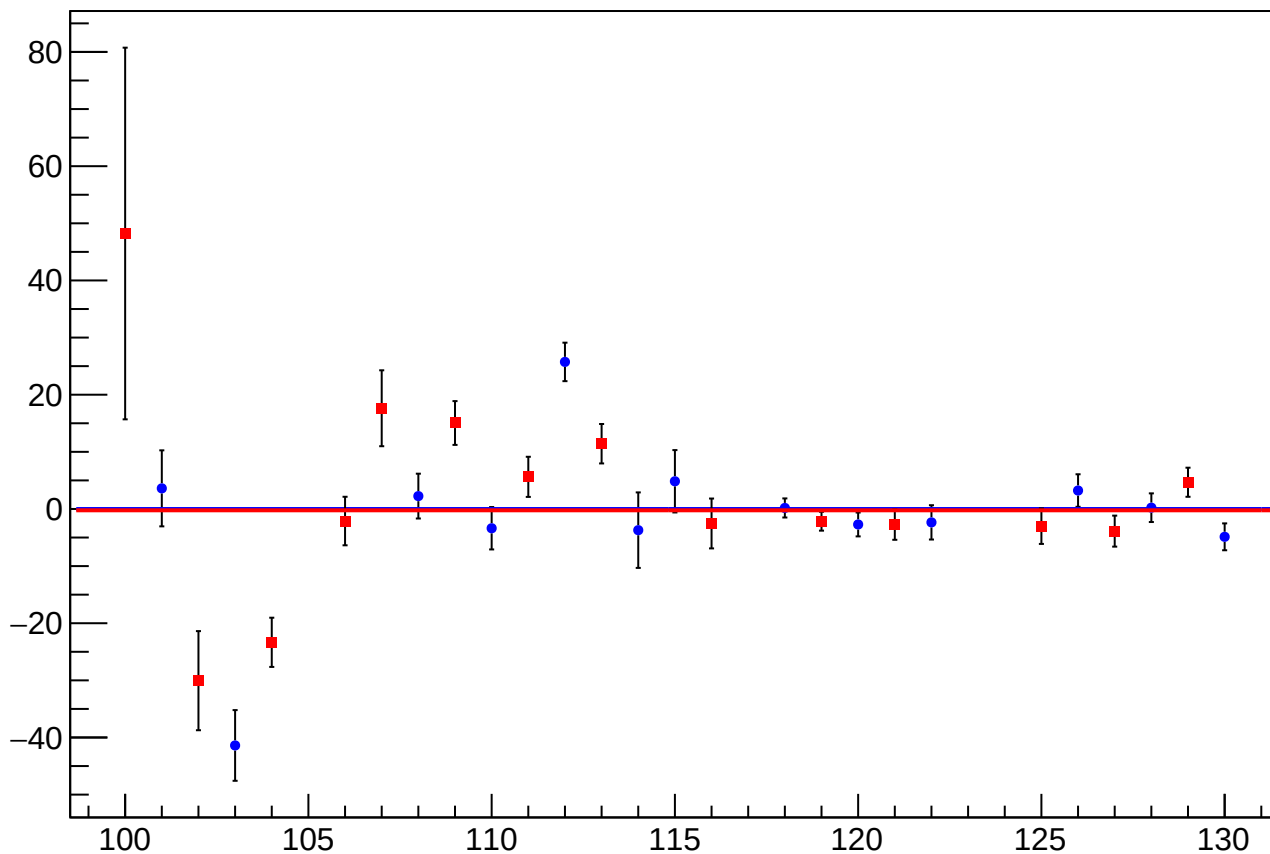
Right: 14.424+/-0.564 χ^2 /NDF: 2682.6/26

In: 17.164+/-0.814 χ^2 /NDF:1000.8/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 14.424+/-0.564 χ^2 /NDF: 2682.6/26

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.818 χ^2 /NDF: 113.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.232 $\pm$ 0.866 χ^2 /NDF: 89.1/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

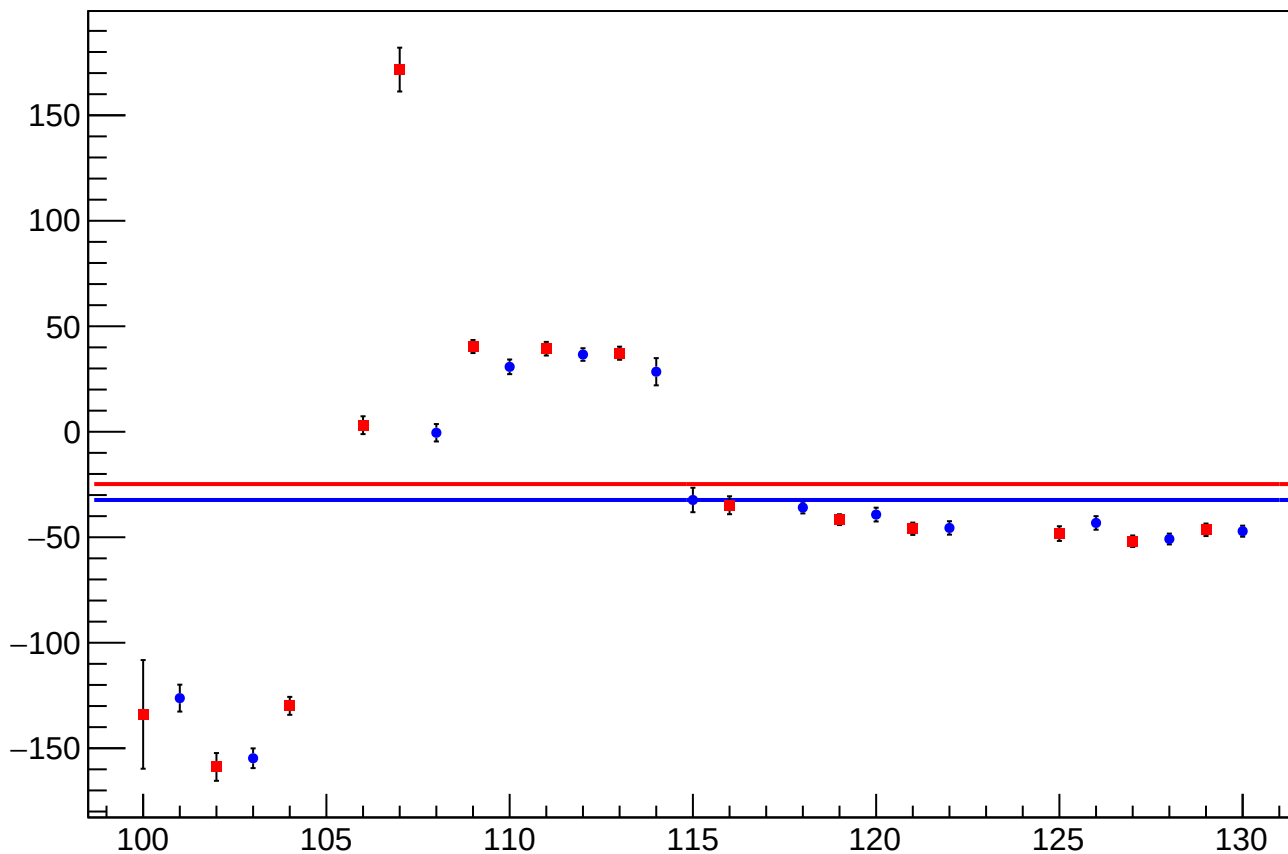
Right: -0.116 $\pm$ 0.595 χ^2 /NDF: 202.8/26

In: -0.012 $\pm$ 0.818 χ^2 /NDF:113.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.116 $\pm$ 0.595 χ^2 /NDF: 202.8/26

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -32.330+/-0.955 χ^2/NDF : 2036.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -24.792+/-0.950 χ^2/NDF : 2983.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

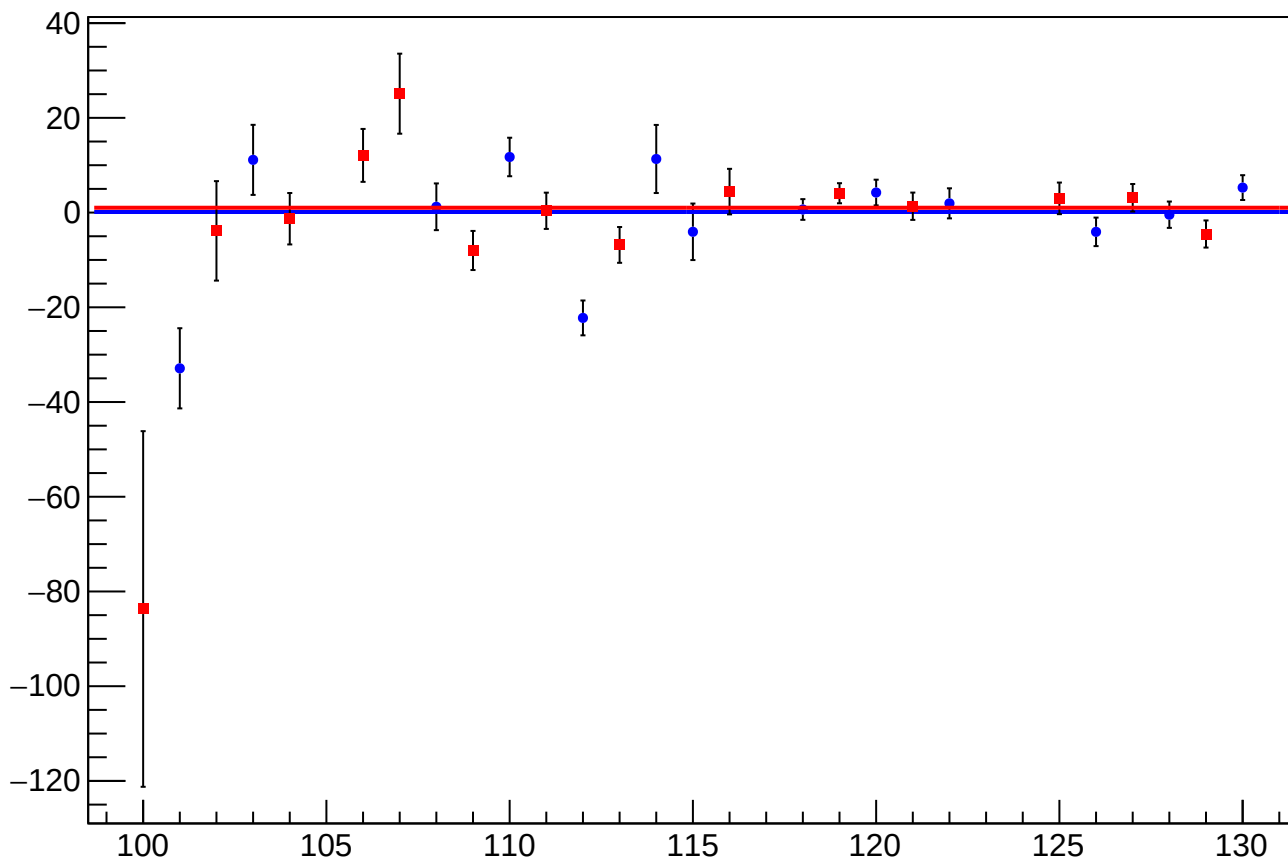
Right: -28.541+/-0.674 χ^2/NDF : 5051.7/26

In: -32.330+/-0.955 χ^2/NDF : 2036.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.541+/-0.674 χ^2/NDF : 5051.7/26

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.122+/-0.960 χ^2/NDF : 74.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.022+/-0.999 χ^2/NDF : 33.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

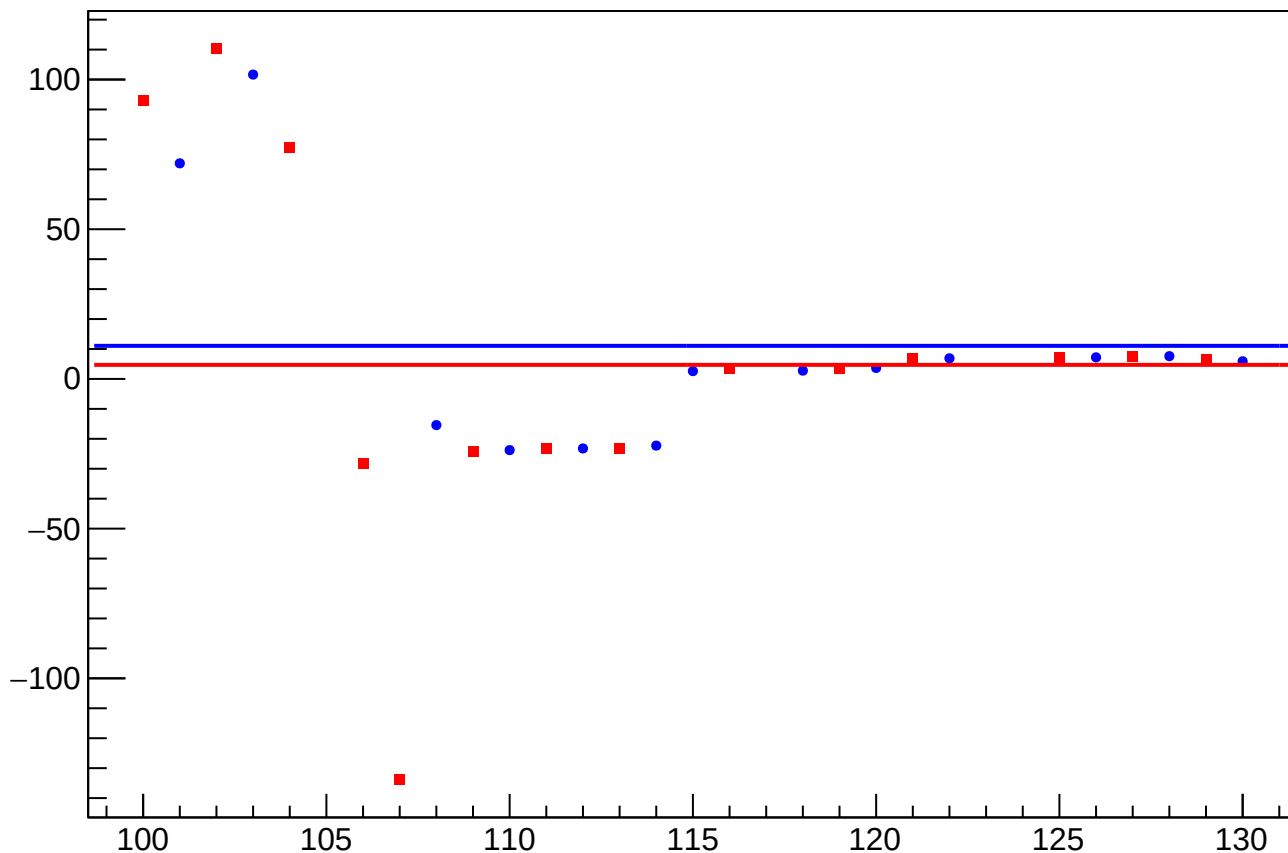
Right: 0.554+/-0.692 χ^2/NDF : 108.4/26

In: 0.122+/-0.960 χ^2/NDF : 74.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.554+/-0.692 χ^2/NDF : 108.4/26

reg_asym_us_dd_at1lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 11.053+/-0.067 χ^2/NDF : 308880.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.698+/-0.067 χ^2/NDF : 446587.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

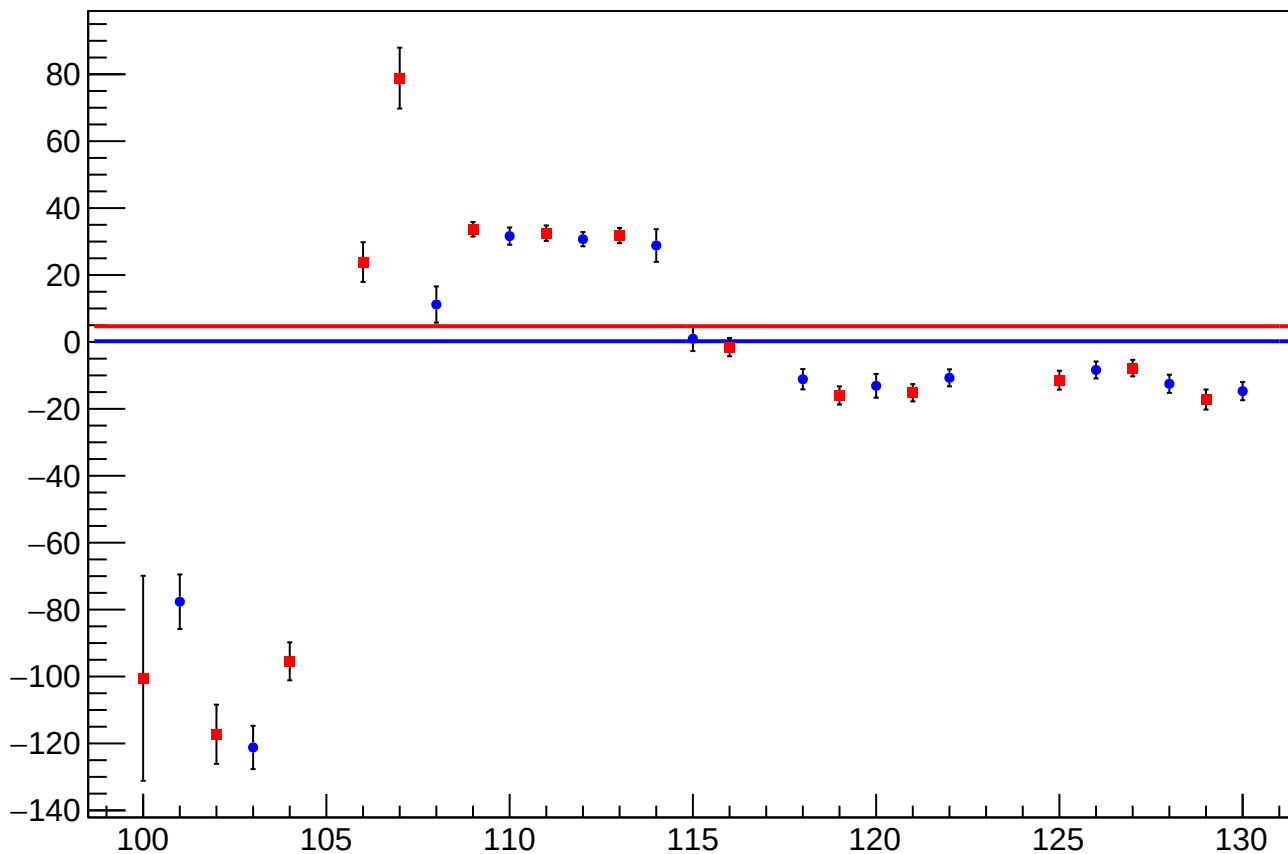
Right: 7.861+/-0.047 χ^2/NDF : 759955.6/26

In: 11.053+/-0.067 χ^2/NDF : 308880.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.861+/-0.047 χ^2/NDF : 759955.6/26

reg_asym_us_dd_at1lr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.199+/-0.867 χ^2/NDF : 946.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.698+/-0.818 χ^2/NDF : 1286.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

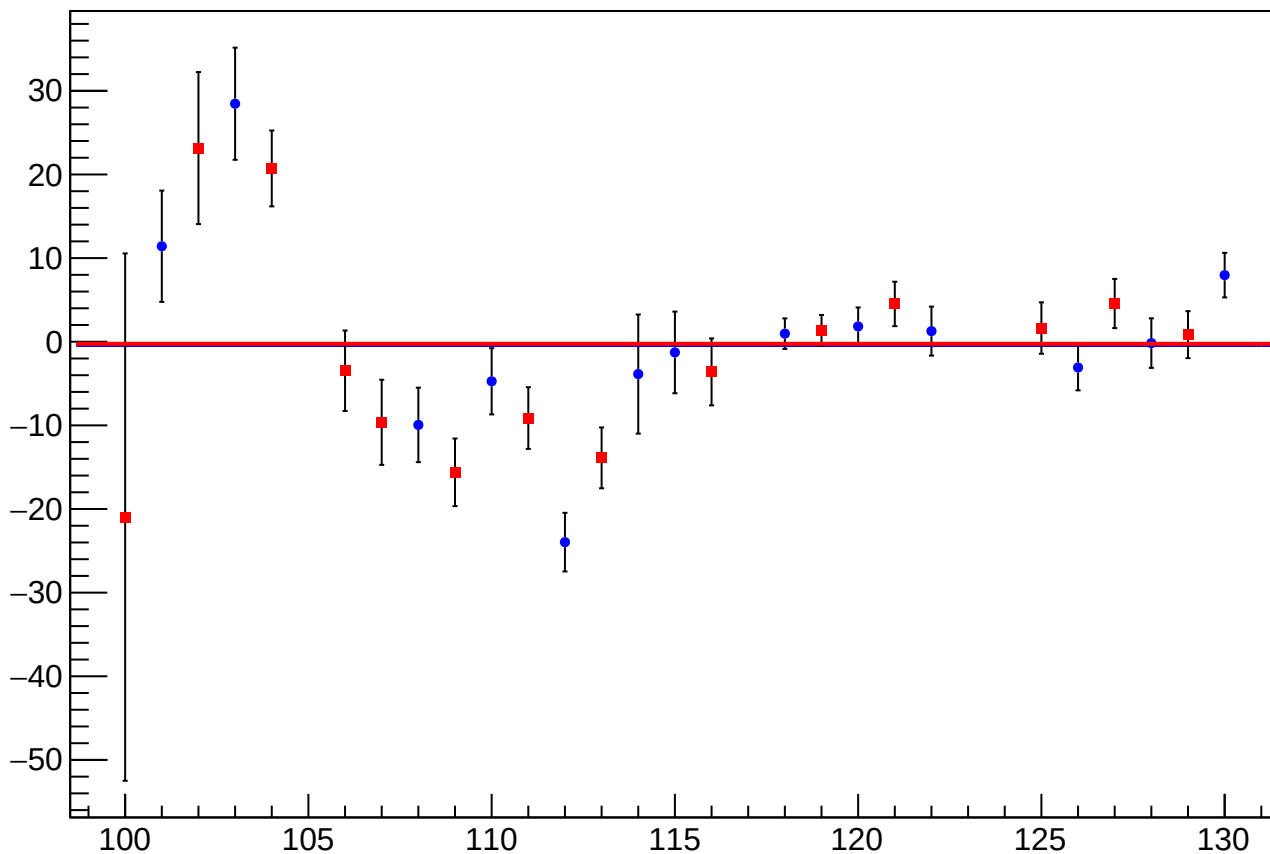
Right: 2.578+/-0.595 χ^2/NDF : 2246.7/26

In: 0.199+/-0.867 χ^2/NDF : 946.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.578+/-0.595 χ^2/NDF : 2246.7/26

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.385 ± 0.876 χ^2/NDF : 85.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.246 ± 0.911 χ^2/NDF : 74.5/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

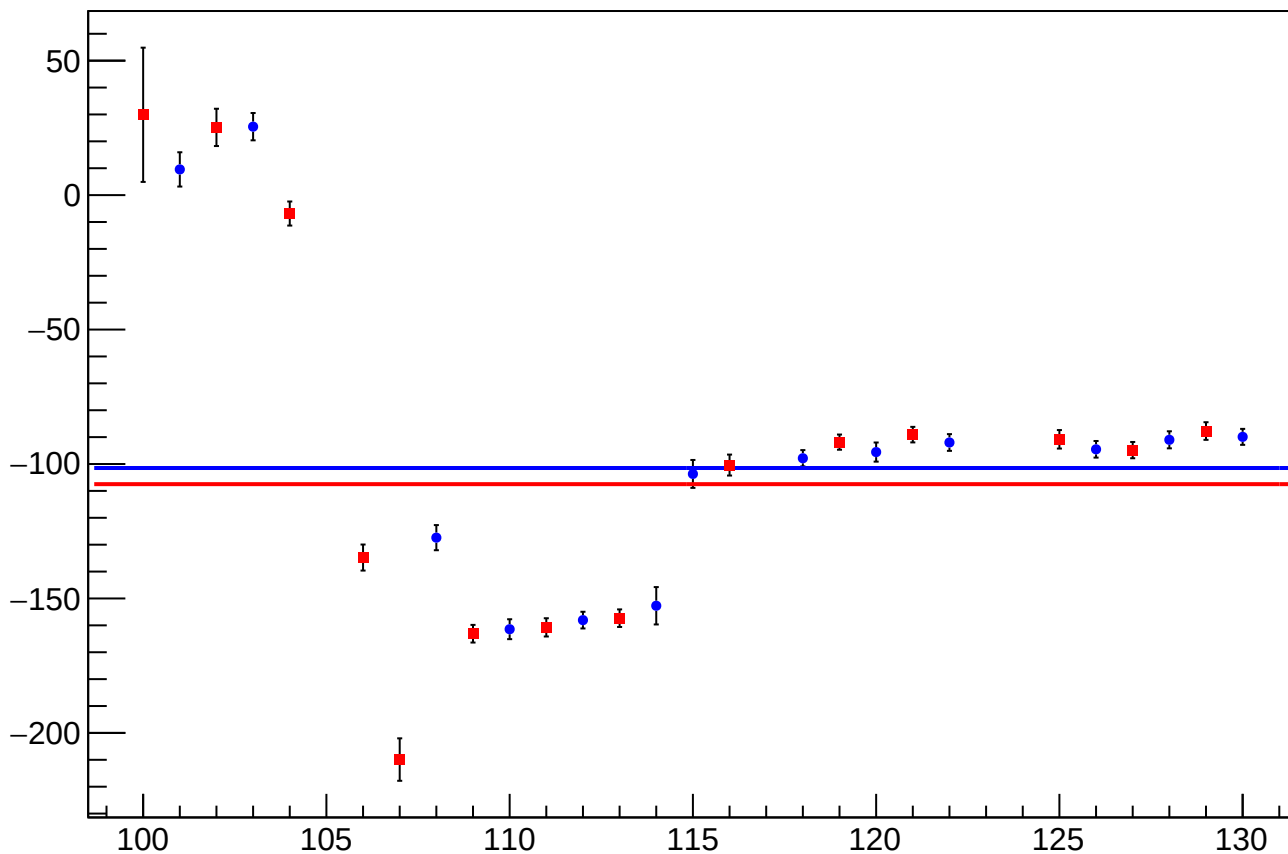
Right: -0.318 ± 0.632 χ^2/NDF : 160.1/26

In: -0.385 ± 0.876 χ^2/NDF : 85.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.318 ± 0.632 χ^2/NDF : 160.1/26

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -101.484+/-1.024 χ^2/NDF : 1653.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -107.489+/-0.999 χ^2/NDF : 2020.7/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

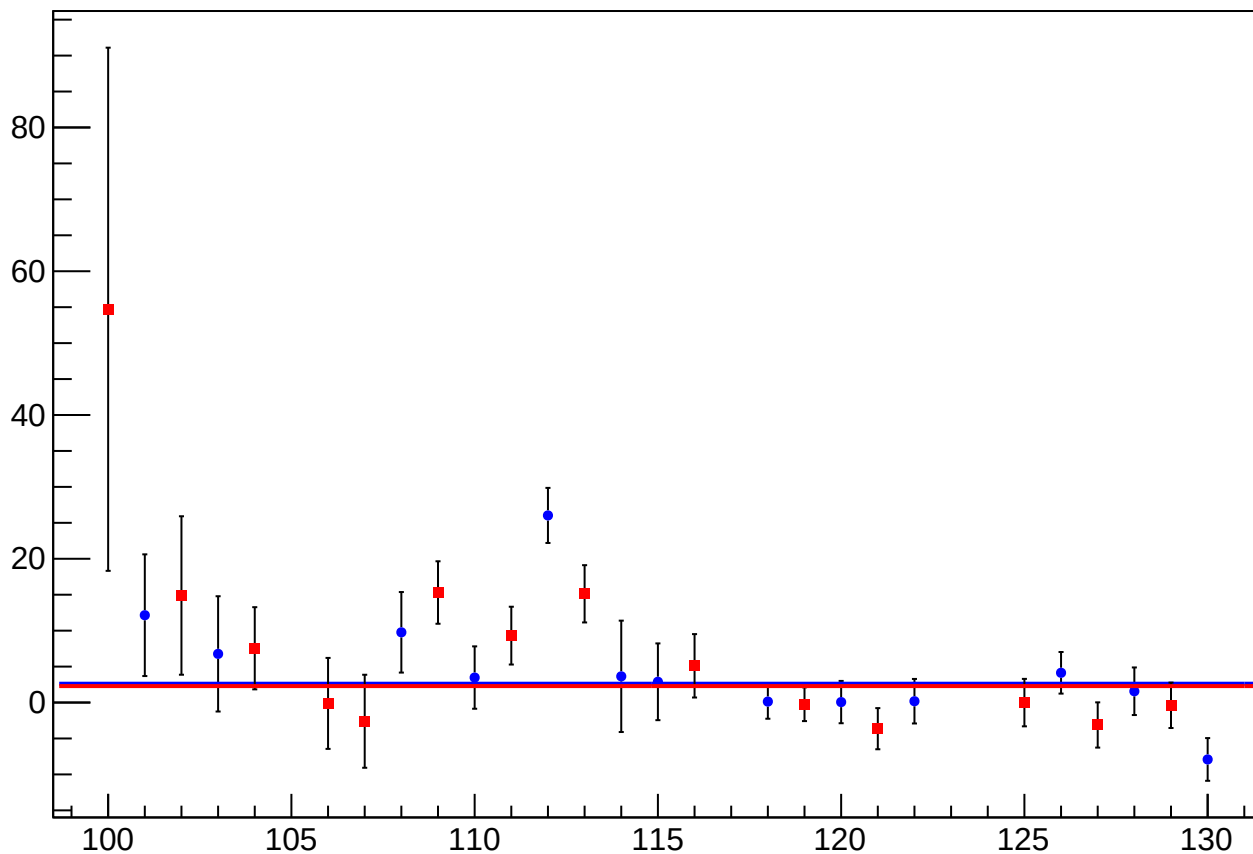
Right: -104.561+/-0.715 χ^2/NDF : 3691.4/26

In: -101.484+/-1.024 χ^2/NDF :1653.1/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -104.561+/-0.715 χ^2/NDF : 3691.4/26

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.618+/-1.024 χ^2/NDF : 56.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.287+/-1.046 χ^2/NDF : 37.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

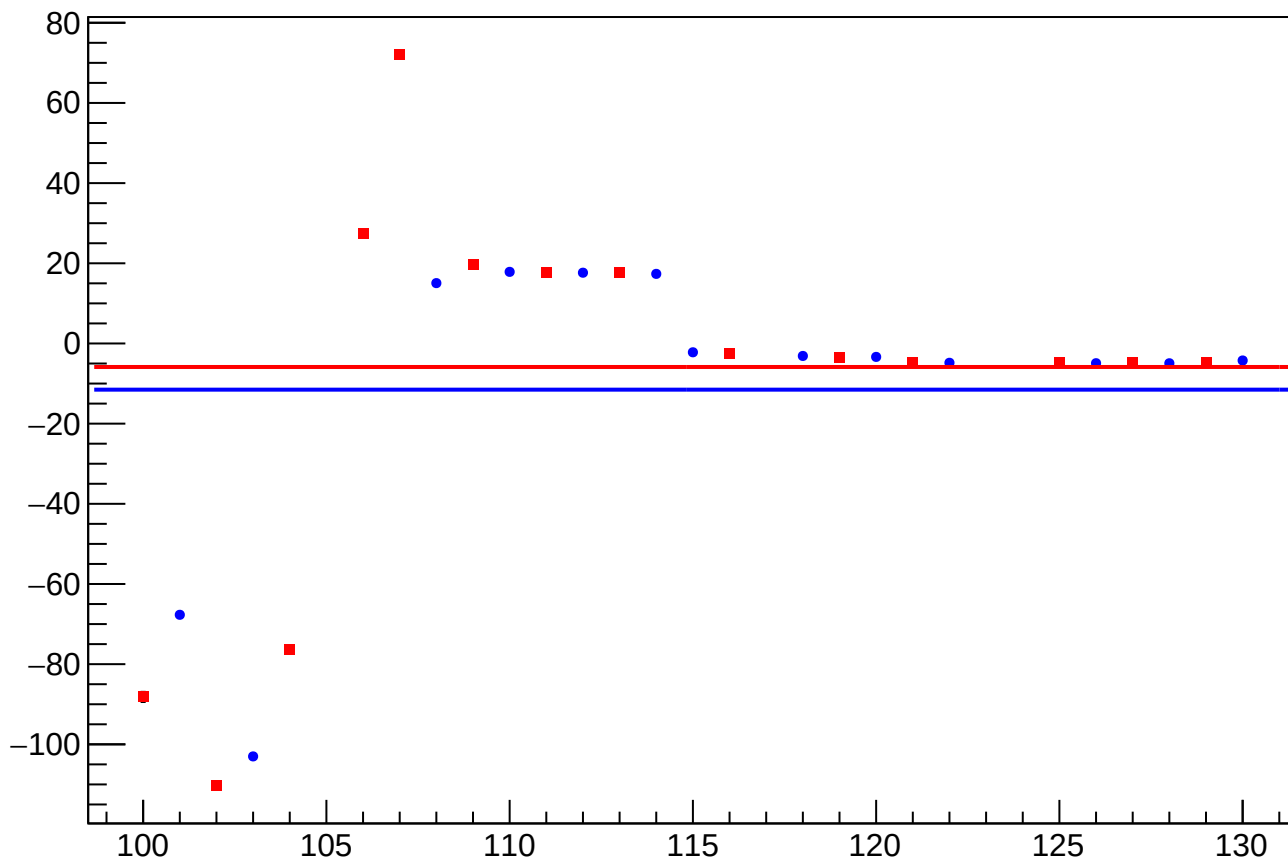
Right: 2.456+/-0.732 χ^2/NDF : 93.4/26

In: 2.618+/-1.024 χ^2/NDF : 56.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.456+/-0.732 χ^2/NDF : 93.4/26

reg_asym_us_dd_at1lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -11.522+/-0.072 χ^2/NDF : 257789.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.865+/-0.070 χ^2/NDF : 338849.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

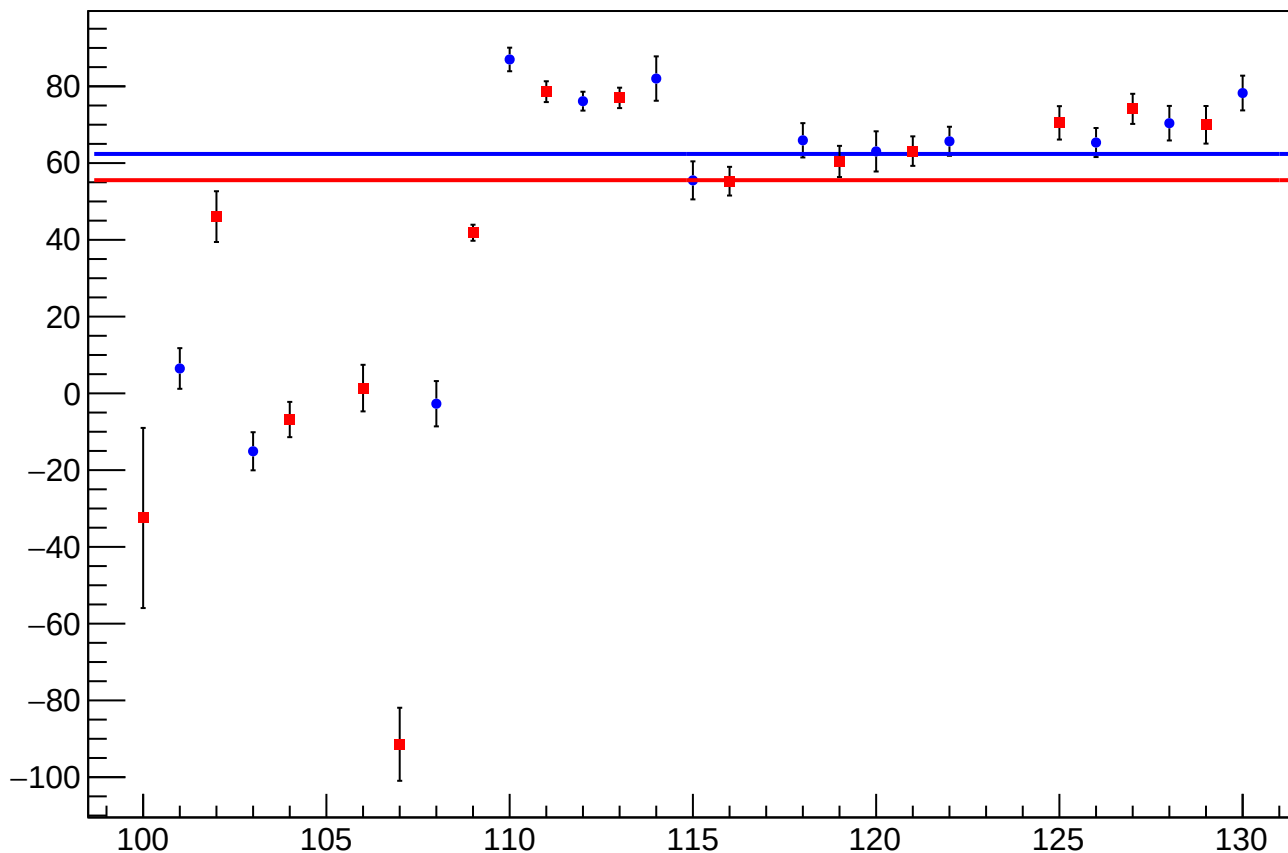
Right: -8.616+/-0.050 χ^2/NDF : 599781.1/26

In: -11.522+/-0.072 χ^2/NDF : 257789.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.616+/-0.050 χ^2/NDF : 599781.1/26

reg_asym_us_dd_at2lr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 62.380+/-1.138 χ^2/NDF : 602.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.545+/-1.013 χ^2/NDF : 746.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

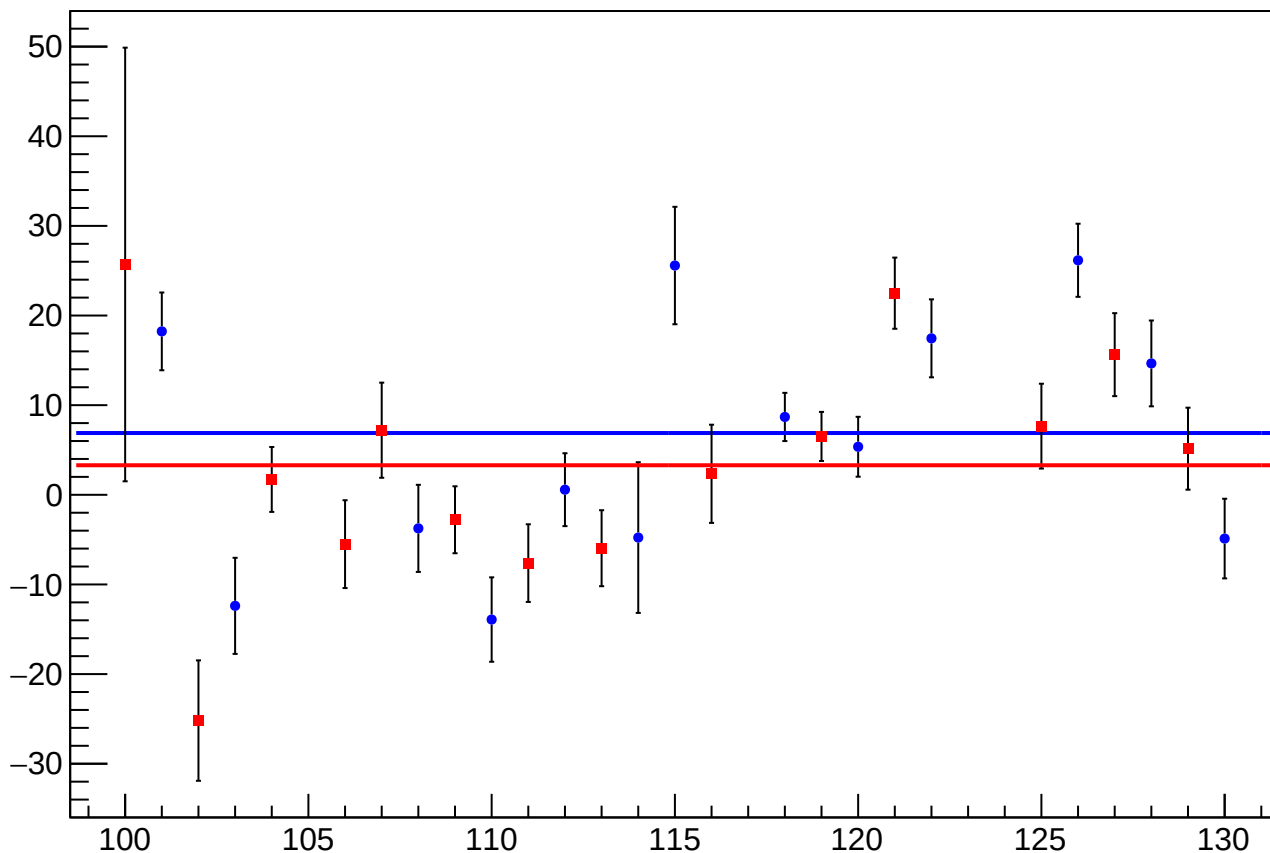
Right: 58.564+/-0.757 χ^2/NDF : 1370.0/26

In: 62.380+/-1.138 χ^2/NDF : 602.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.564+/-0.757 χ^2/NDF : 1370.0/26

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.893 $\pm$ 1.188 χ^2 /NDF: 95.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.297 $\pm$ 1.172 χ^2 /NDF: 69.5/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

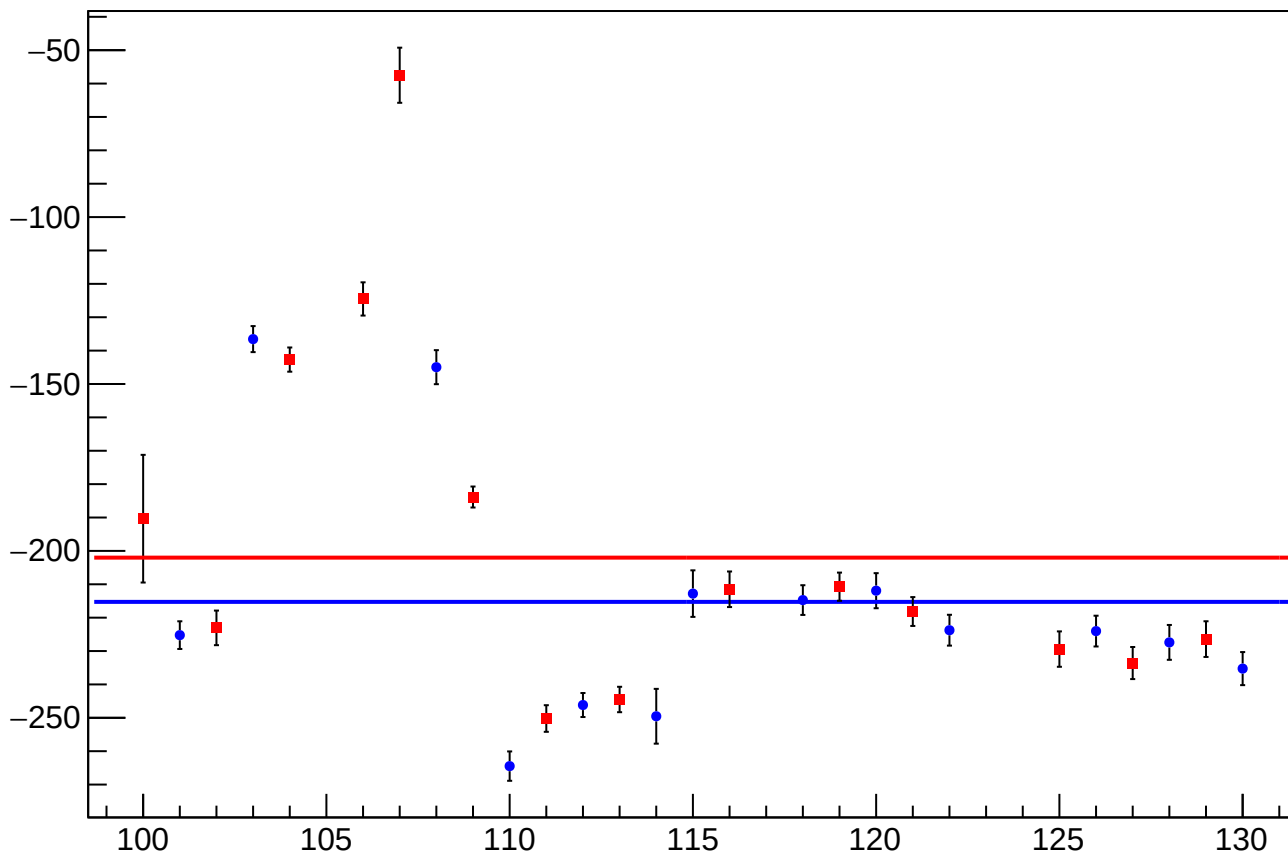
Right: 5.071 $\pm$ 0.835 χ^2 /NDF: 169.2/26

In: 6.893 $\pm$ 1.188 χ^2 /NDF:95.1/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 5.071 $\pm$ 0.835 χ^2 /NDF: 169.2/26

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -215.270+/-1.308 χ^2 /NDF: 849.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -202.016+/-1.228 χ^2 /NDF: 1249.6/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

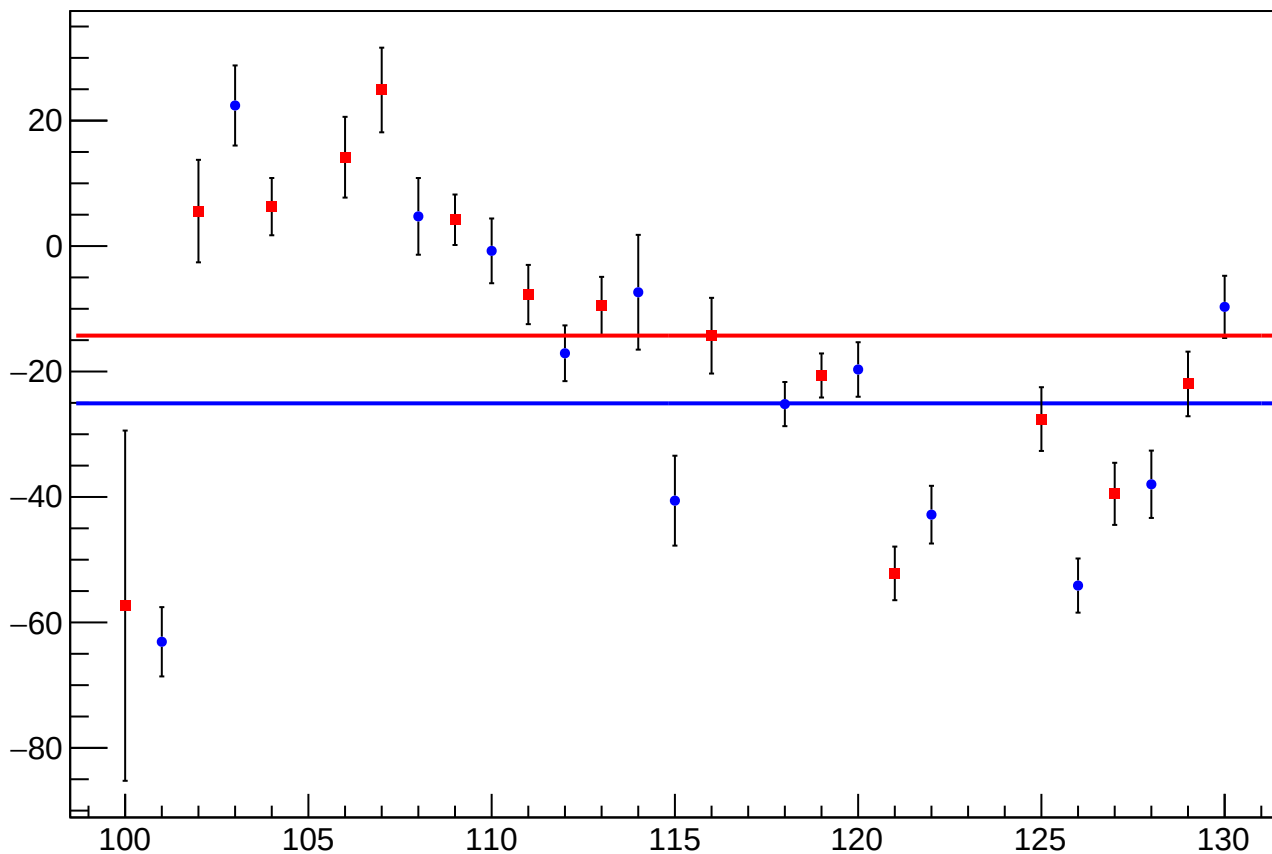
Right: -208.229+/-0.895 χ^2 /NDF: 2153.6/26

In: -215.270+/-1.308 χ^2 /NDF:849.4/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -208.229+/-0.895 χ^2 /NDF: 2153.6/26

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -25.074 $\pm$ 1.395 χ^2 /NDF: 237.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -14.273 $\pm$ 1.356 χ^2 /NDF: 222.8/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

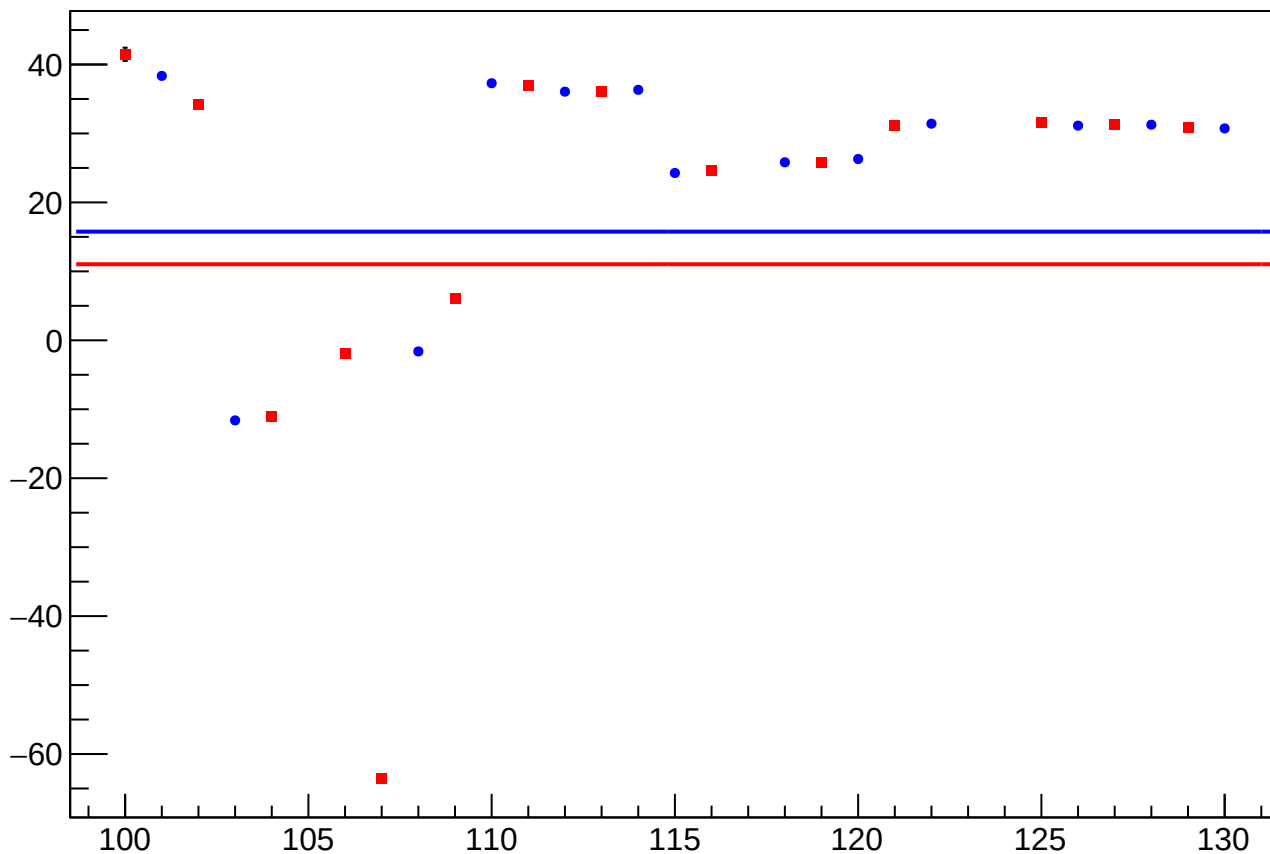
Right: -19.520 $\pm$ 0.972 χ^2 /NDF: 491.0/26

In: -25.074 $\pm$ 1.395 χ^2 /NDF:237.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -19.520 $\pm$ 0.972 χ^2 /NDF: 491.0/26

reg_asym_us_dd_at2lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 15.760 $\pm$ 0.083 χ^2 /NDF: 61547.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.032 $\pm$ 0.078 χ^2 /NDF: 108692.4/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

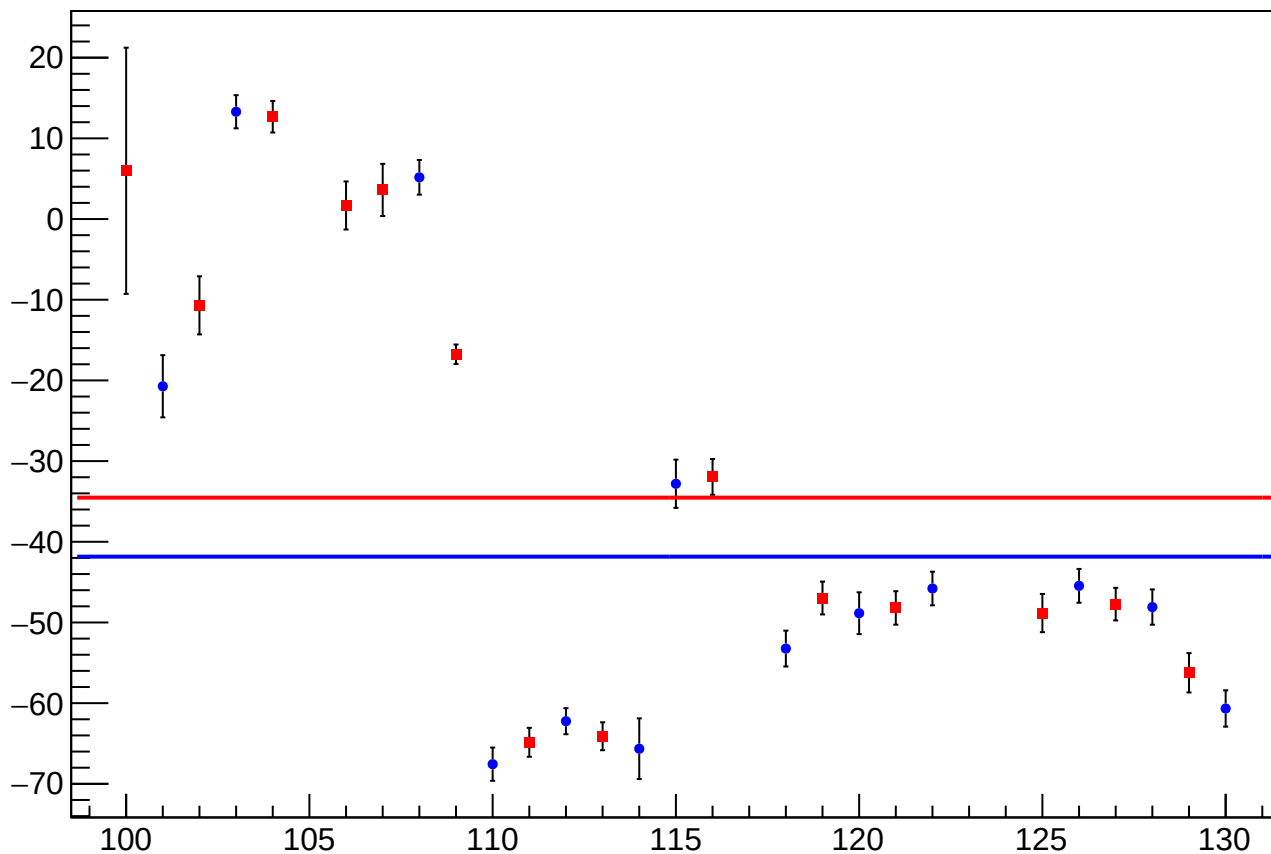
Right: 13.239 $\pm$ 0.057 χ^2 /NDF: 171965.1/26

In: 15.760 $\pm$ 0.083 χ^2 /NDF:61547.7/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 13.239 $\pm$ 0.057 χ^2 /NDF: 171965.1/26

reg_asym_us_dd_at2lr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -41.842 $\pm$ 0.628 χ^2 /NDF: 1712.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -34.529 $\pm$ 0.563 χ^2 /NDF: 1959.8/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

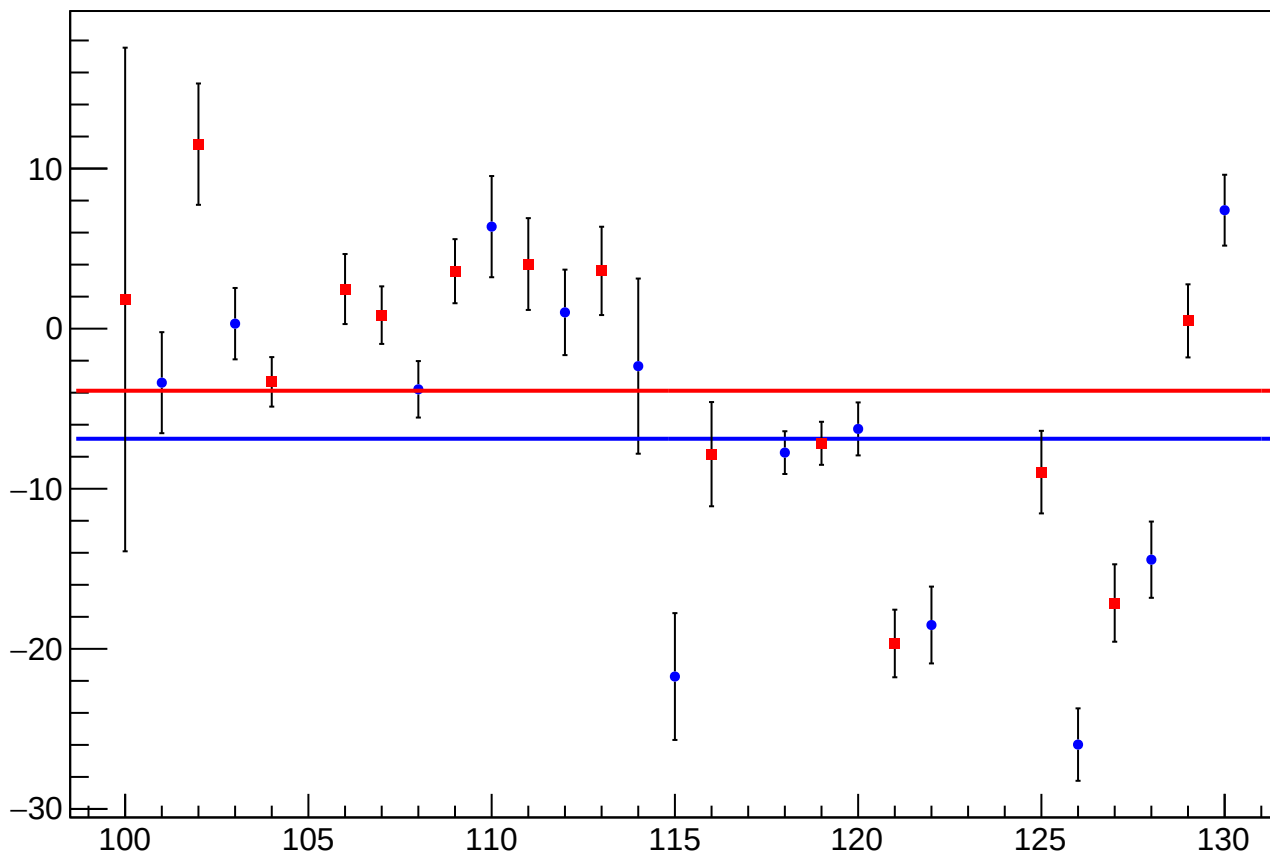
Right: -37.790 $\pm$ 0.419 χ^2 /NDF: 3747.7/26

In: -41.842 $\pm$ 0.628 χ^2 /NDF:1712.6/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -37.790 $\pm$ 0.419 χ^2 /NDF: 3747.7/26

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.878+/-0.616 χ^2/NDF : 202.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.878+/-0.587 χ^2/NDF : 162.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

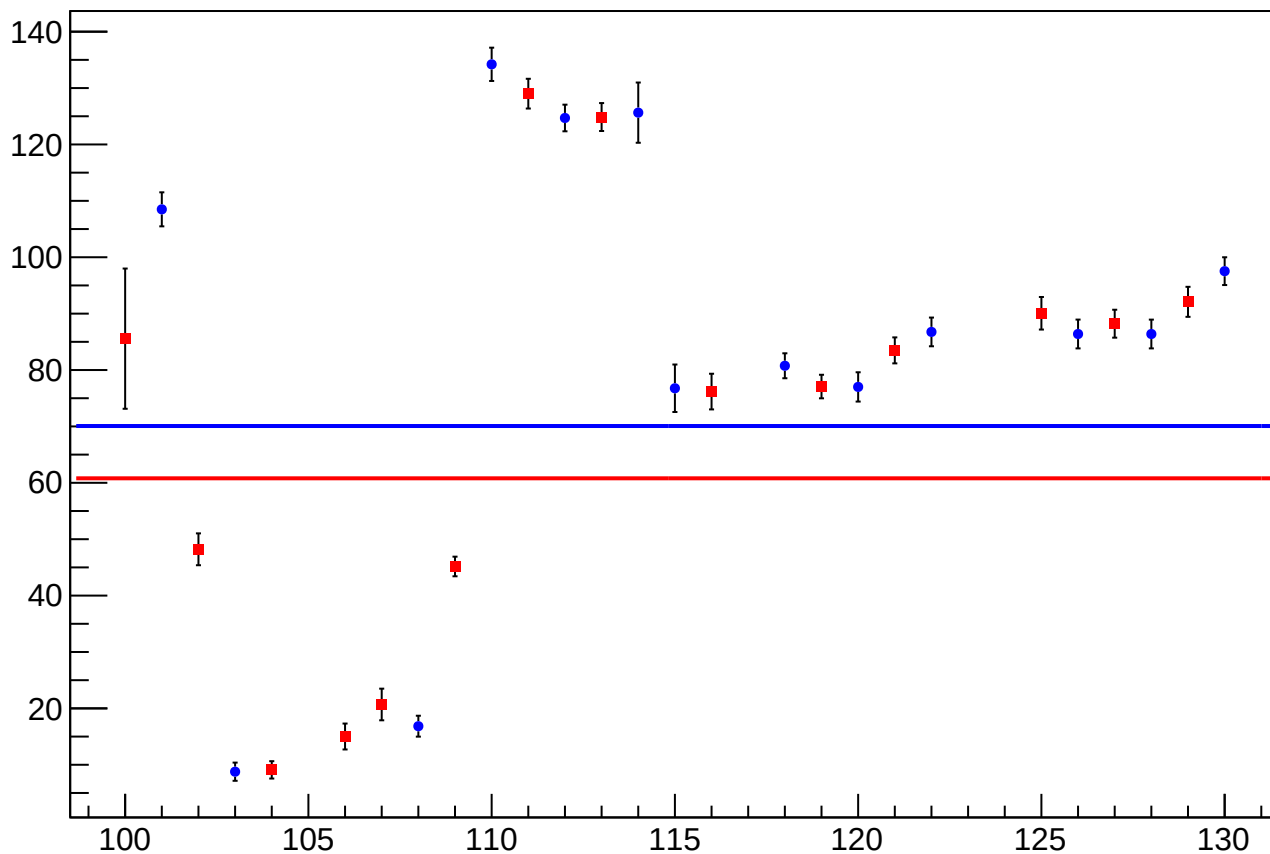
Right: -5.307+/-0.425 χ^2/NDF : 377.2/26

In: -6.878+/-0.616 χ^2/NDF : 202.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.307+/-0.425 χ^2/NDF : 377.2/26

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 70.072+/-0.682 χ^2/NDF : 3827.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.798+/-0.639 χ^2/NDF : 3718.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

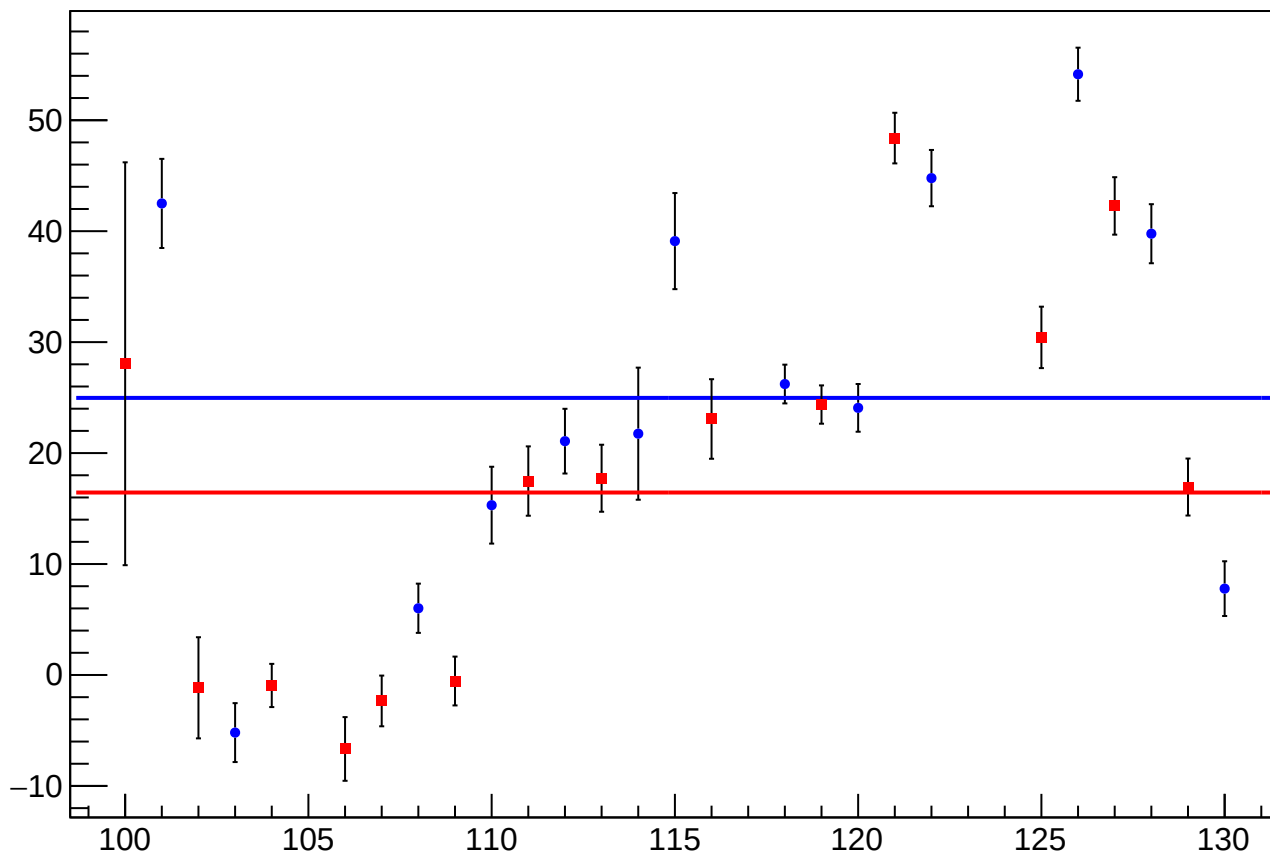
Right: 65.131+/-0.466 χ^2/NDF : 7643.7/26

In: 70.072+/-0.682 χ^2/NDF : 3827.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.131+/-0.466 χ^2/NDF : 7643.7/26

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 24.974+/-0.732 χ^2/NDF : 531.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.445+/-0.693 χ^2/NDF : 633.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

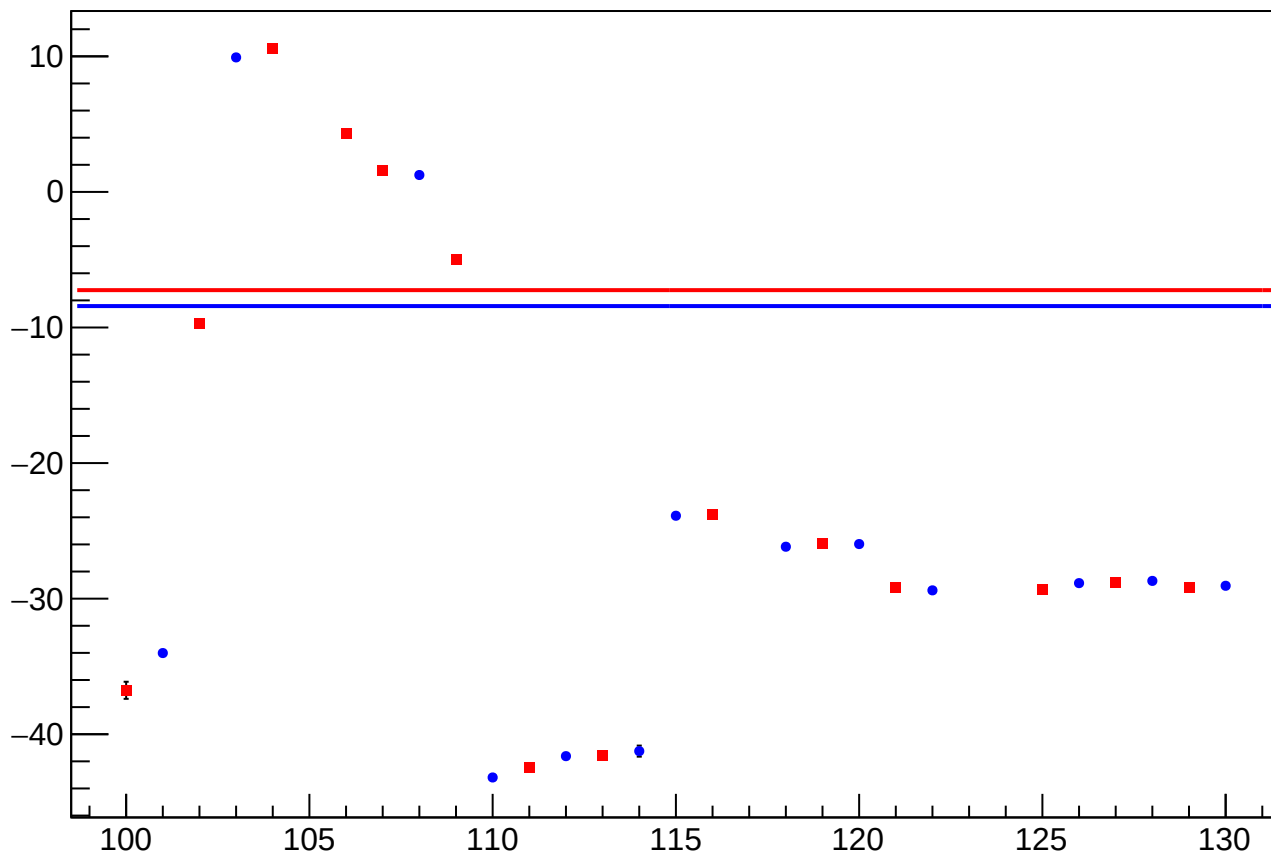
Right: 20.478+/-0.503 χ^2/NDF : 1235.8/26

In: 24.974+/-0.732 χ^2/NDF : 531.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.478+/-0.503 χ^2/NDF : 1235.8/26

reg_asym_us_dd_at2lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.420+/-0.039 χ^2/NDF : 231913.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.244+/-0.038 χ^2/NDF : 200629.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

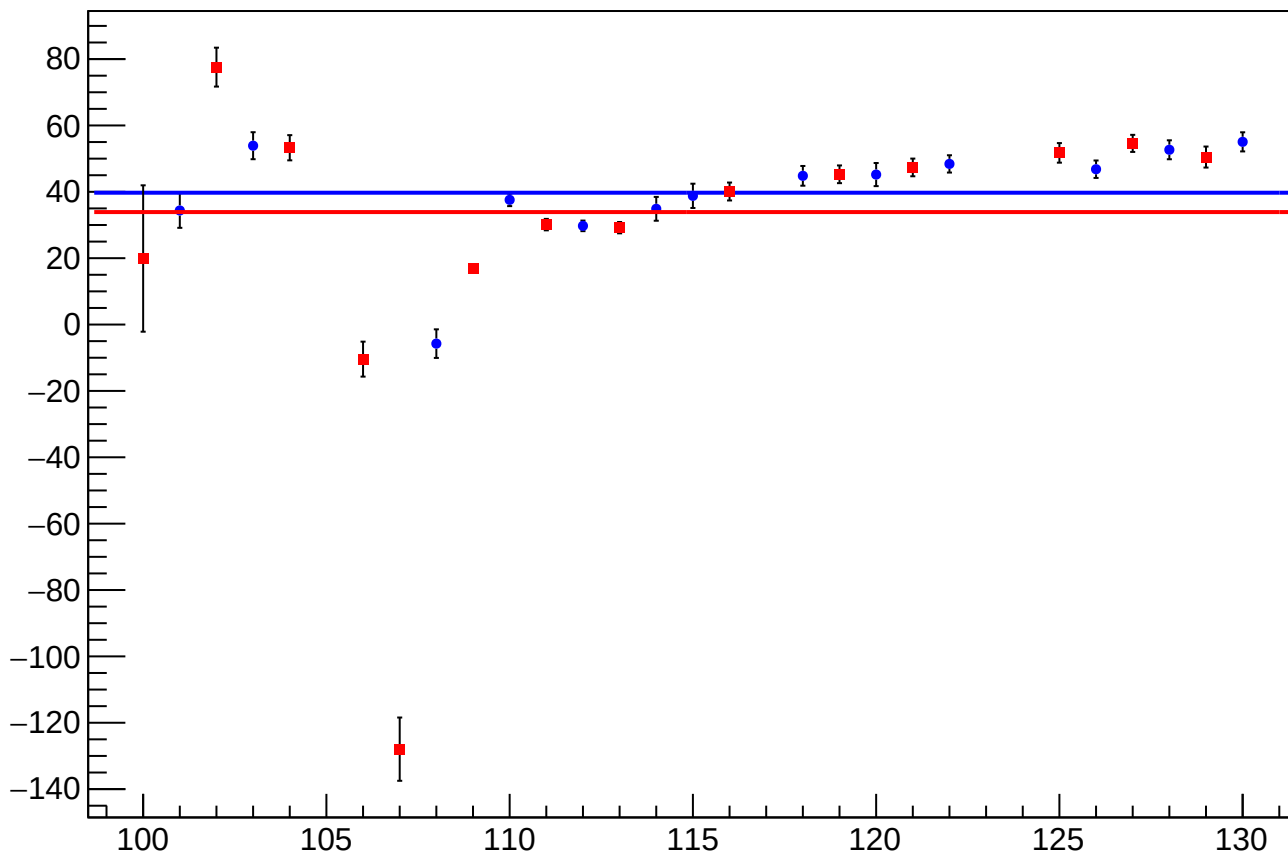
Right: -7.817+/-0.027 χ^2/NDF : 433000.6/26

In: -8.420+/-0.039 χ^2/NDF : 231913.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.817+/-0.027 χ^2/NDF : 433000.6/26

reg_asym_us_dd_atlr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 39.729+/-0.766 χ^2/NDF : 239.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.896+/-0.698 χ^2/NDF : 757.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

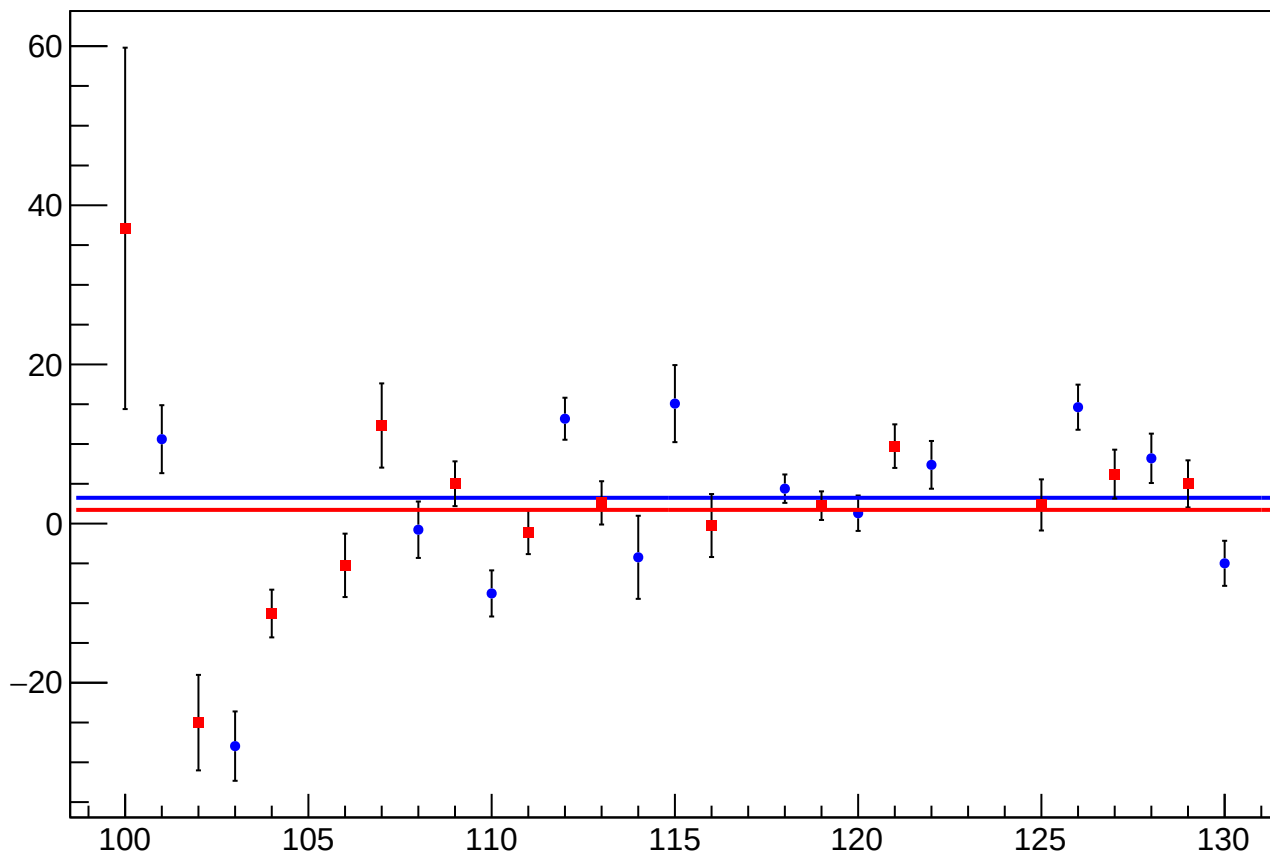
Right: 36.543+/-0.516 χ^2/NDF : 1028.8/26

In: 39.729+/-0.766 χ^2/NDF : 239.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.543+/-0.516 χ^2/NDF : 1028.8/26

reg_asym_us_dd_atlr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.241+/-0.814 χ^2/NDF : 125.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.722+/-0.829 χ^2/NDF : 63.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

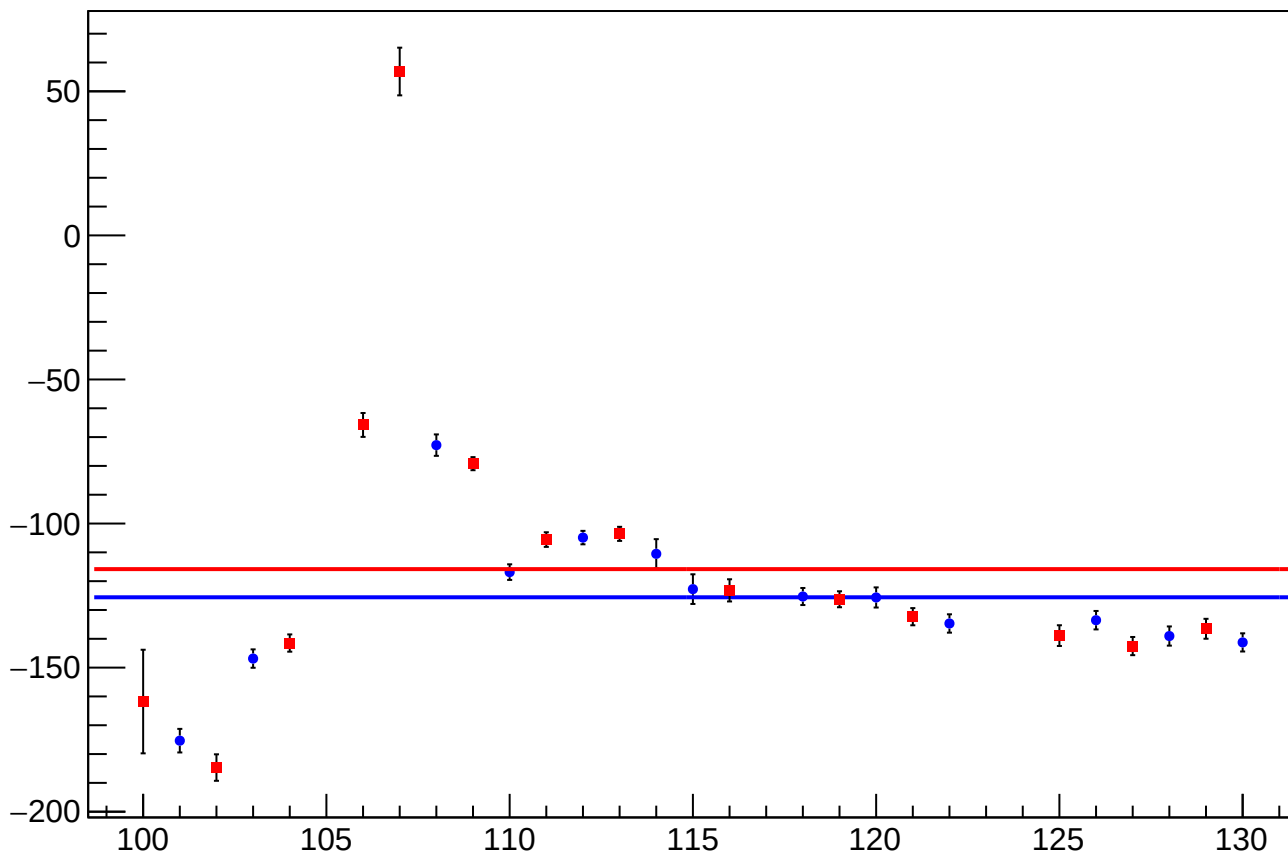
Right: 2.495+/-0.581 χ^2/NDF : 189.8/26

In: 3.241+/-0.814 χ^2/NDF : 125.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.495+/-0.581 χ^2/NDF : 189.8/26

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -125.592+/-0.910 χ^2 /NDF: 547.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -115.816+/-0.869 χ^2 /NDF: 1384.3/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

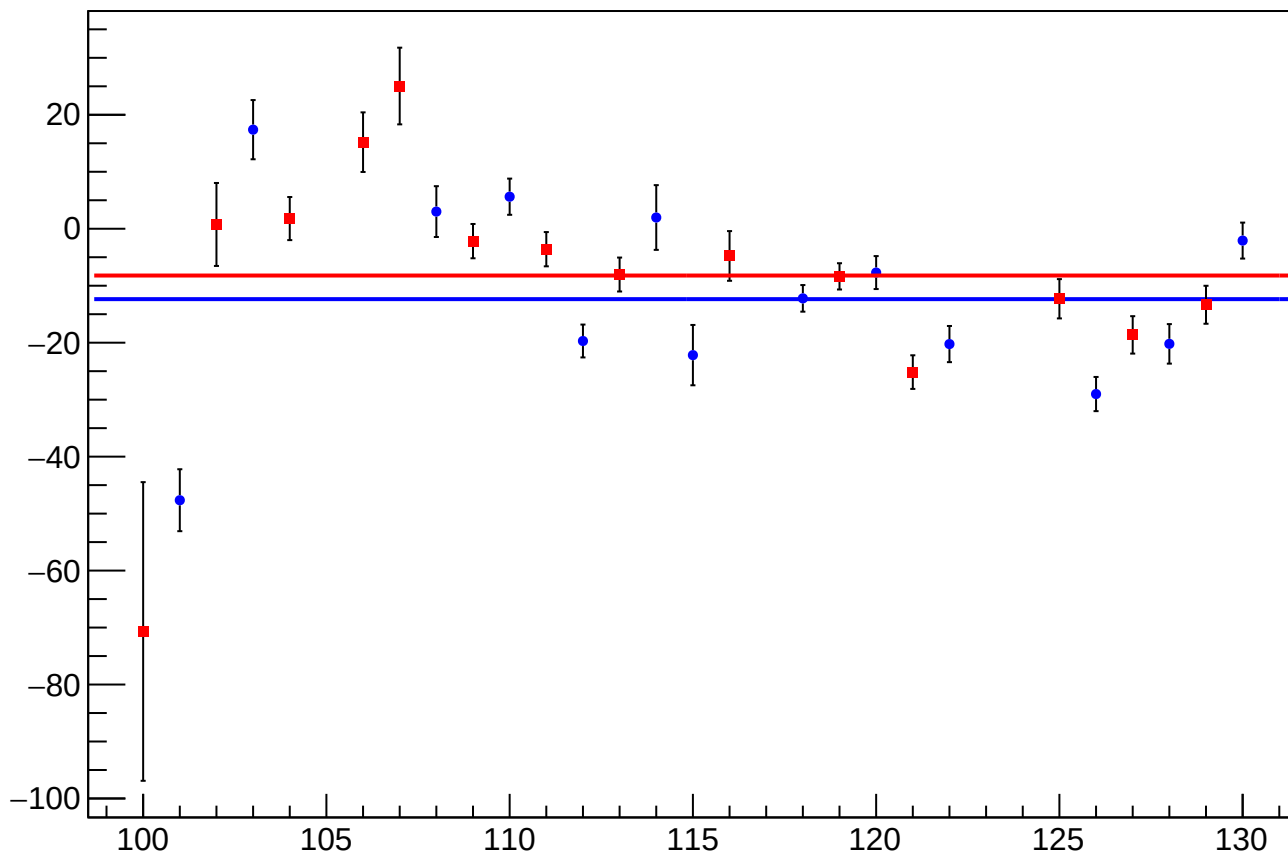
Right: -120.484+/-0.628 χ^2 /NDF: 1991.8/26

In: -125.592+/-0.910 χ^2 /NDF:547.2/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -120.484+/-0.628 χ^2 /NDF: 1991.8/26

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.356 $\pm$ 0.952 χ^2 /NDF: 190.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -8.212 $\pm$ 0.951 χ^2 /NDF: 112.5/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

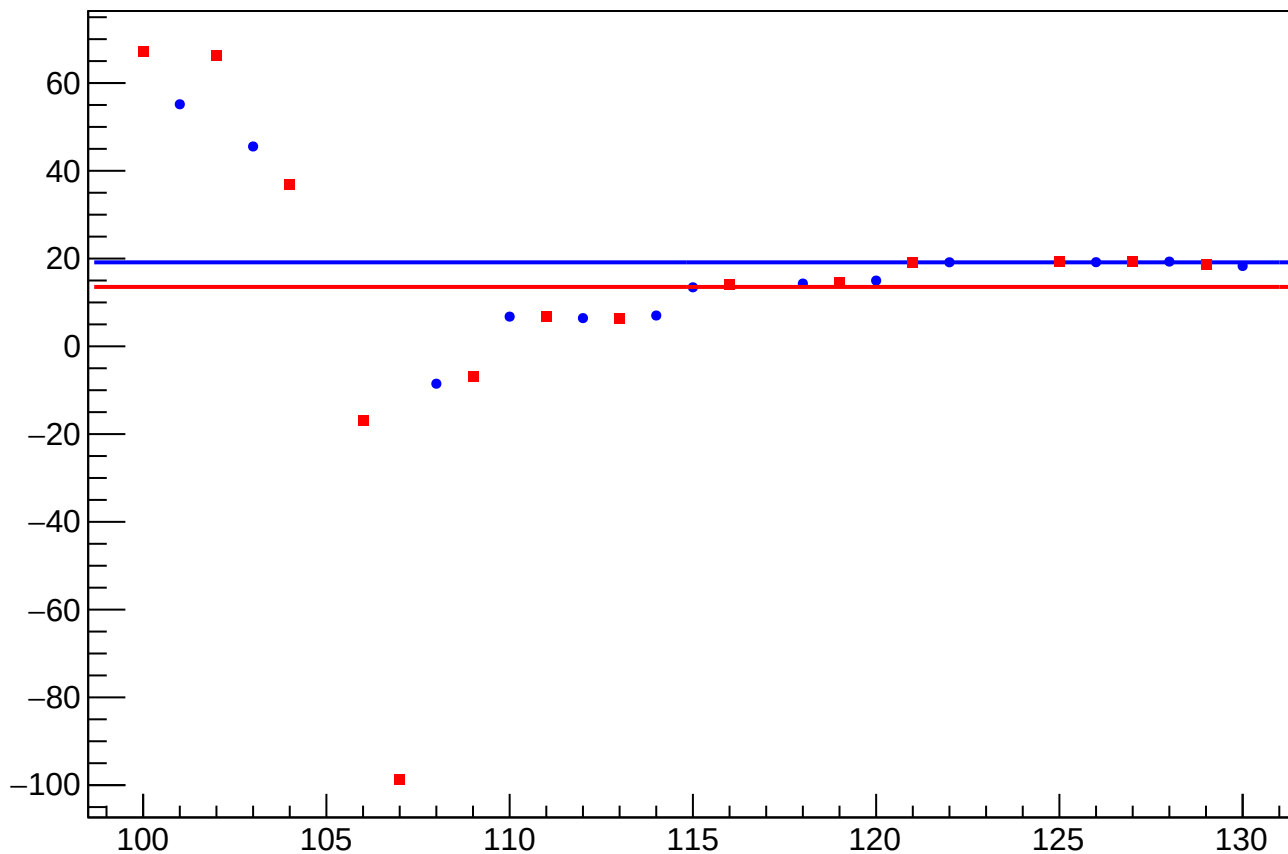
Right: -10.283 $\pm$ 0.673 χ^2 /NDF: 312.4/26

In: -12.356 $\pm$ 0.952 χ^2 /NDF:190.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -10.283 $\pm$ 0.673 χ^2 /NDF: 312.4/26

reg_asym_us_dd_atlr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 19.139+/-0.061 χ^2/NDF : 104035.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 13.535+/-0.059 χ^2/NDF : 252945.7/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

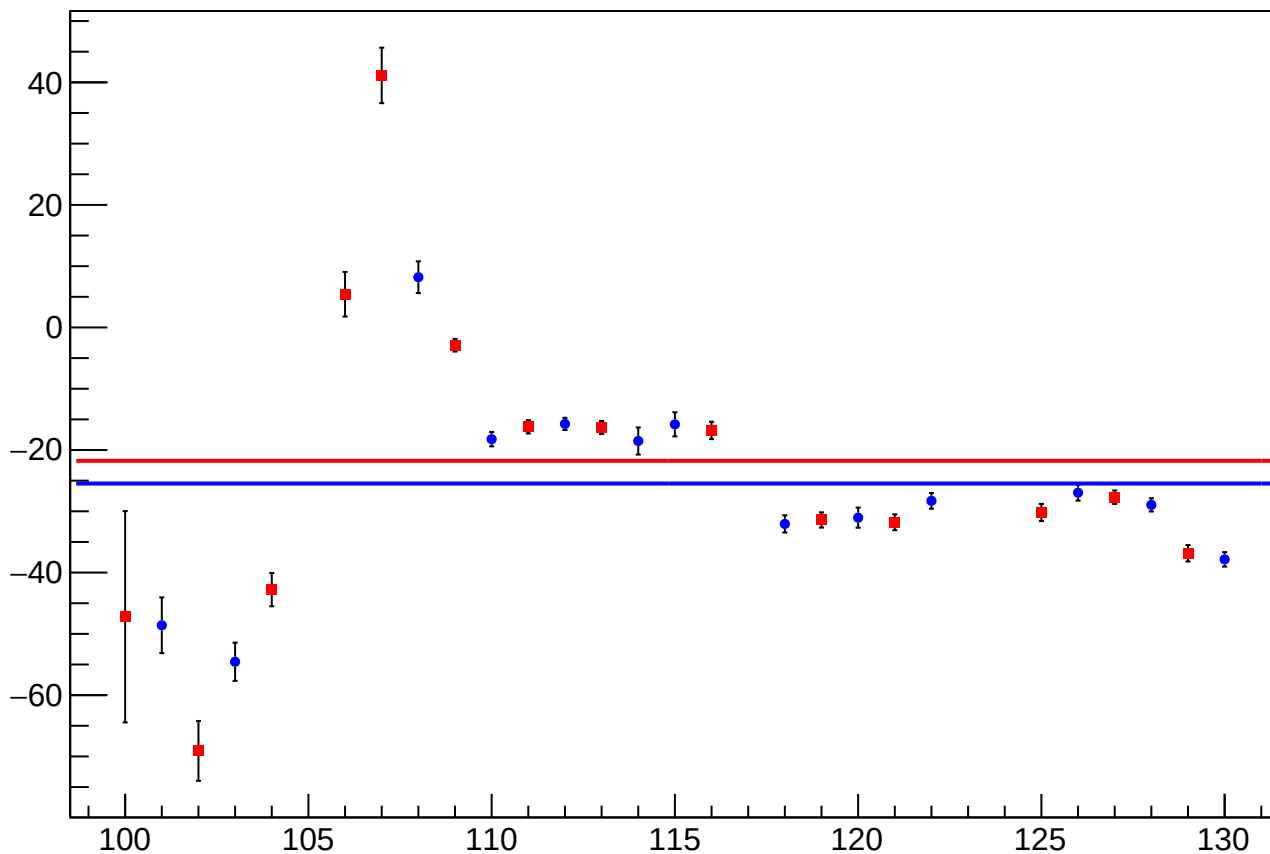
Right: 16.268+/-0.042 χ^2/NDF : 361364.8/26

In: 19.139+/-0.061 χ^2/NDF :104035.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 16.268+/-0.042 χ^2/NDF : 361364.8/26

reg_asym_us_dd_atlr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -25.469+/-0.404 χ^2/NDF : 608.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.758+/-0.389 χ^2/NDF : 1114.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

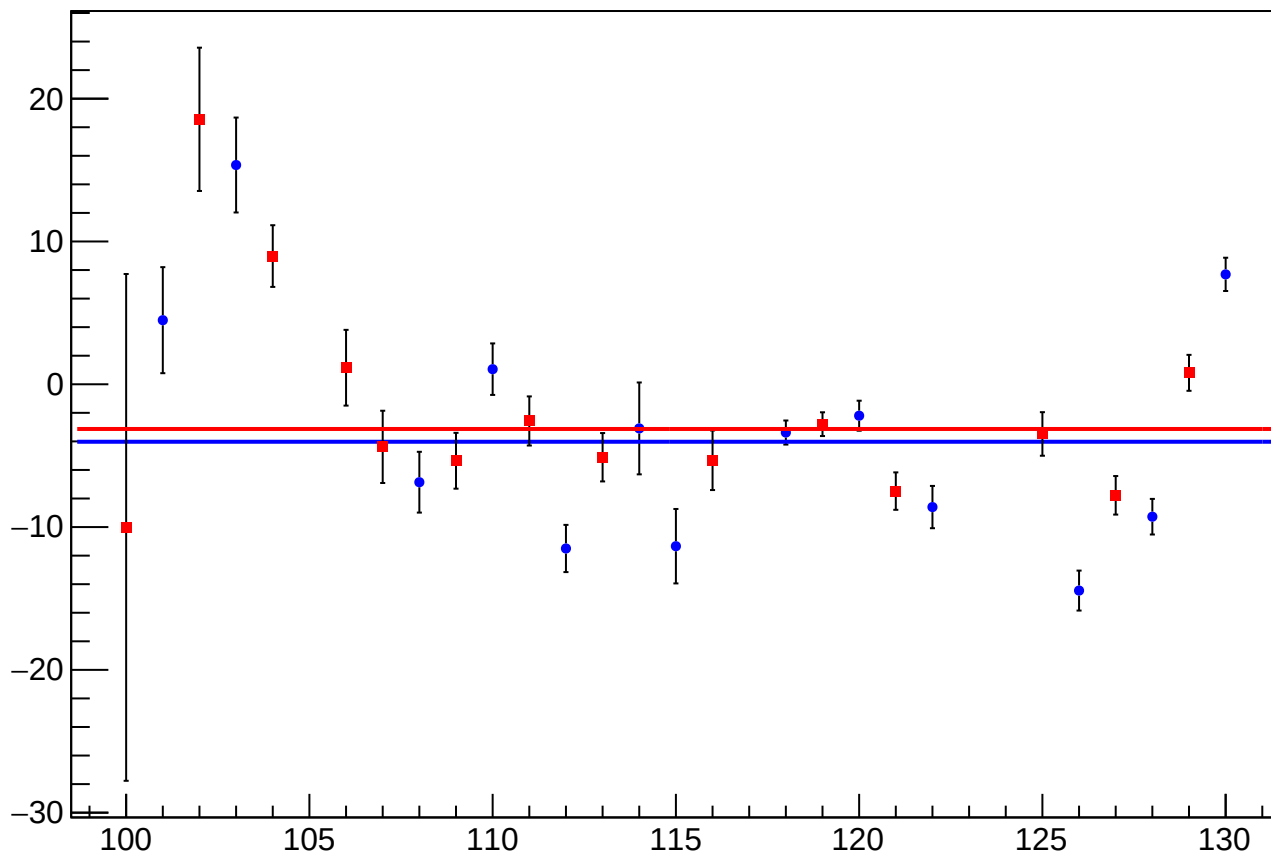
Right: -23.544+/-0.280 χ^2/NDF : 1767.0/26

In: -25.469+/-0.404 χ^2/NDF : 608.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.544+/-0.280 χ^2/NDF : 1767.0/26

reg_asym_us_dd_atlr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.025+/-0.410 χ^2/NDF : 264.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.130+/-0.431 χ^2/NDF : 89.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

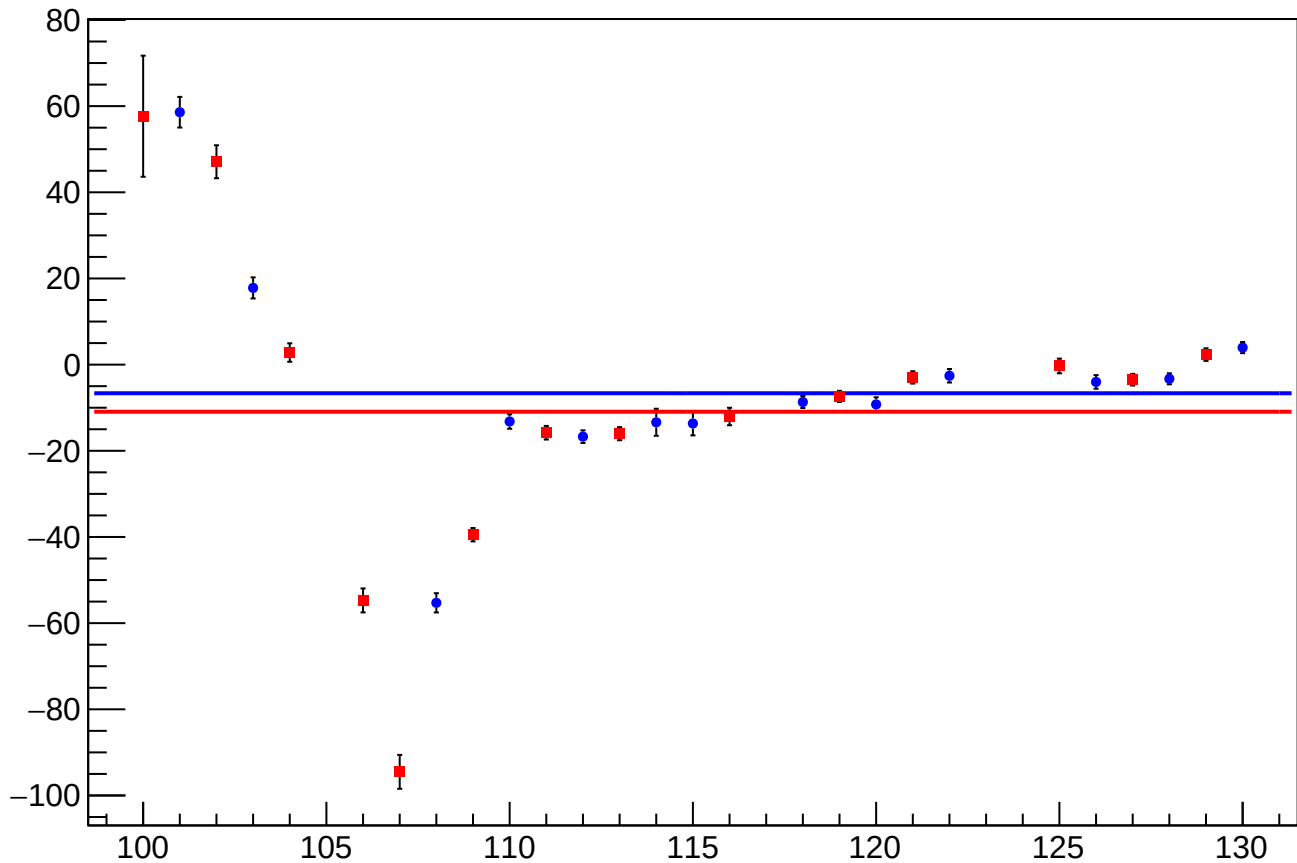
Right: -3.601+/-0.297 χ^2/NDF : 357.0/26

In: -4.025+/-0.410 χ^2/NDF : 264.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.601+/-0.297 χ^2/NDF : 357.0/26

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -6.645+/-0.477 χ^2 /NDF: 1071.3/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -10.932+/-0.475 χ^2 /NDF: 1542.1/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

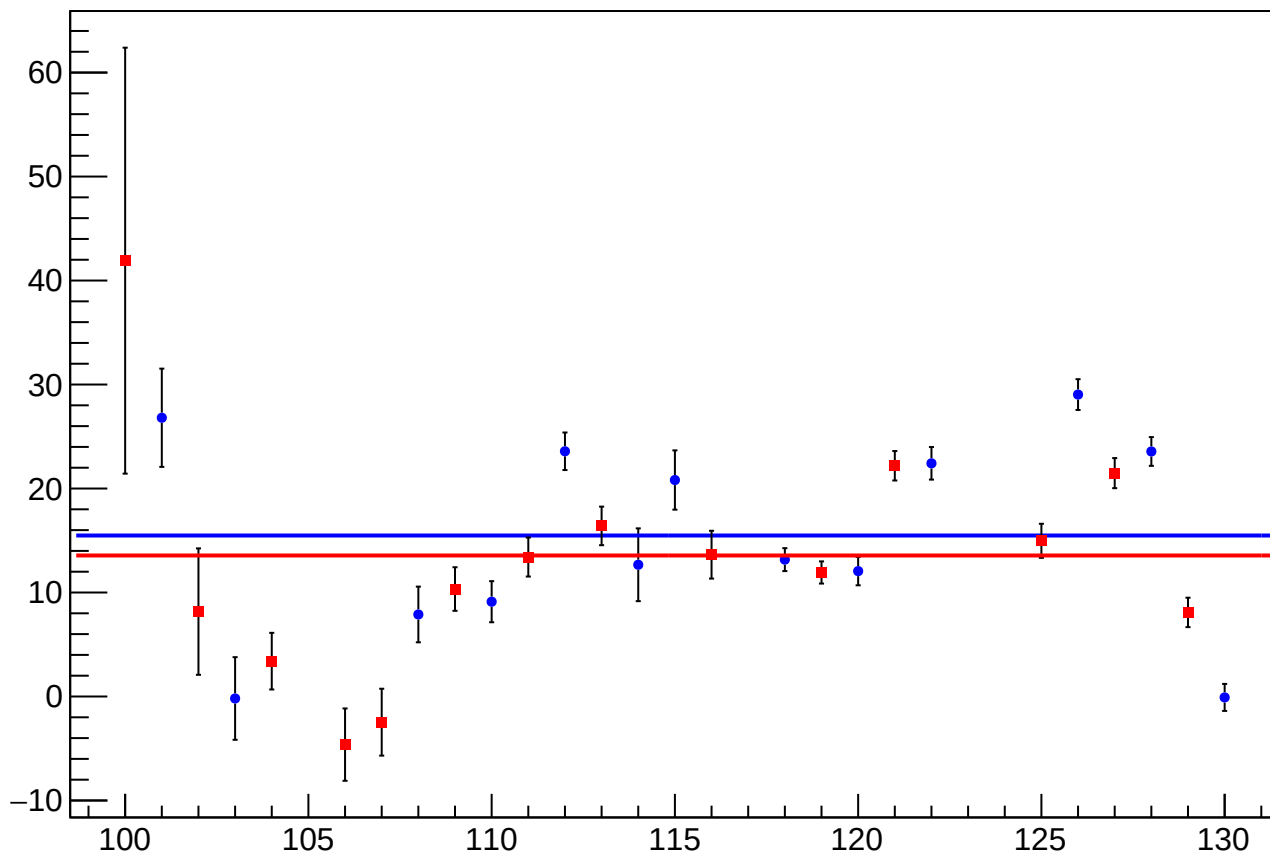
Right: -8.796+/-0.337 χ^2 /NDF: 2654.0/26

In: -6.645+/-0.477 χ^2 /NDF:1071.3/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -8.796+/-0.337 χ^2 /NDF: 2654.0/26

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.481+/-0.479 χ^2/NDF : 356.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.561+/-0.496 χ^2/NDF : 158.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

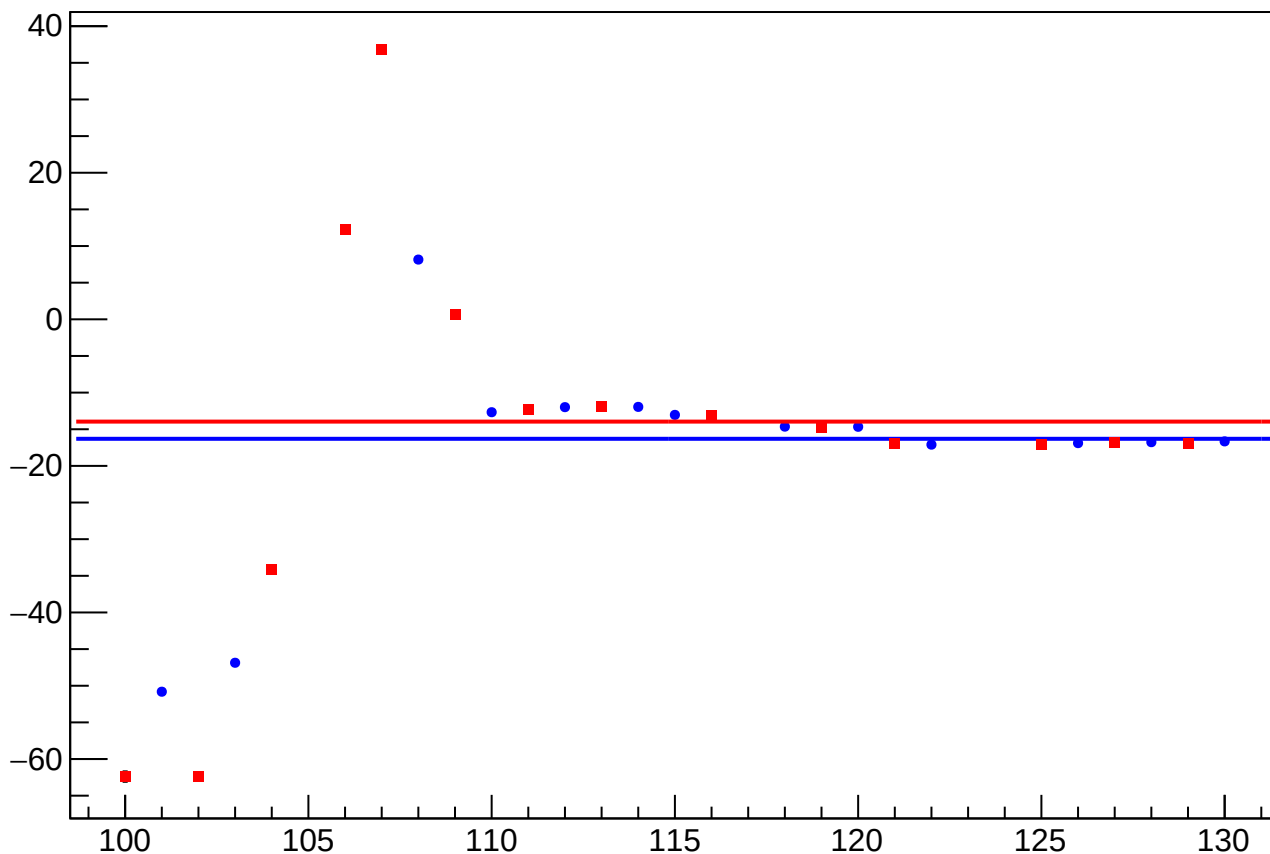
Right: 14.555+/-0.345 χ^2/NDF : 522.7/26

In: 15.481+/-0.479 χ^2/NDF : 356.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.555+/-0.345 χ^2/NDF : 522.7/26

reg_asym_us_dd_atlr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.304 $\pm$ 0.034 χ^2 /NDF: 190591.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -13.957 $\pm$ 0.034 χ^2 /NDF: 280679.9/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

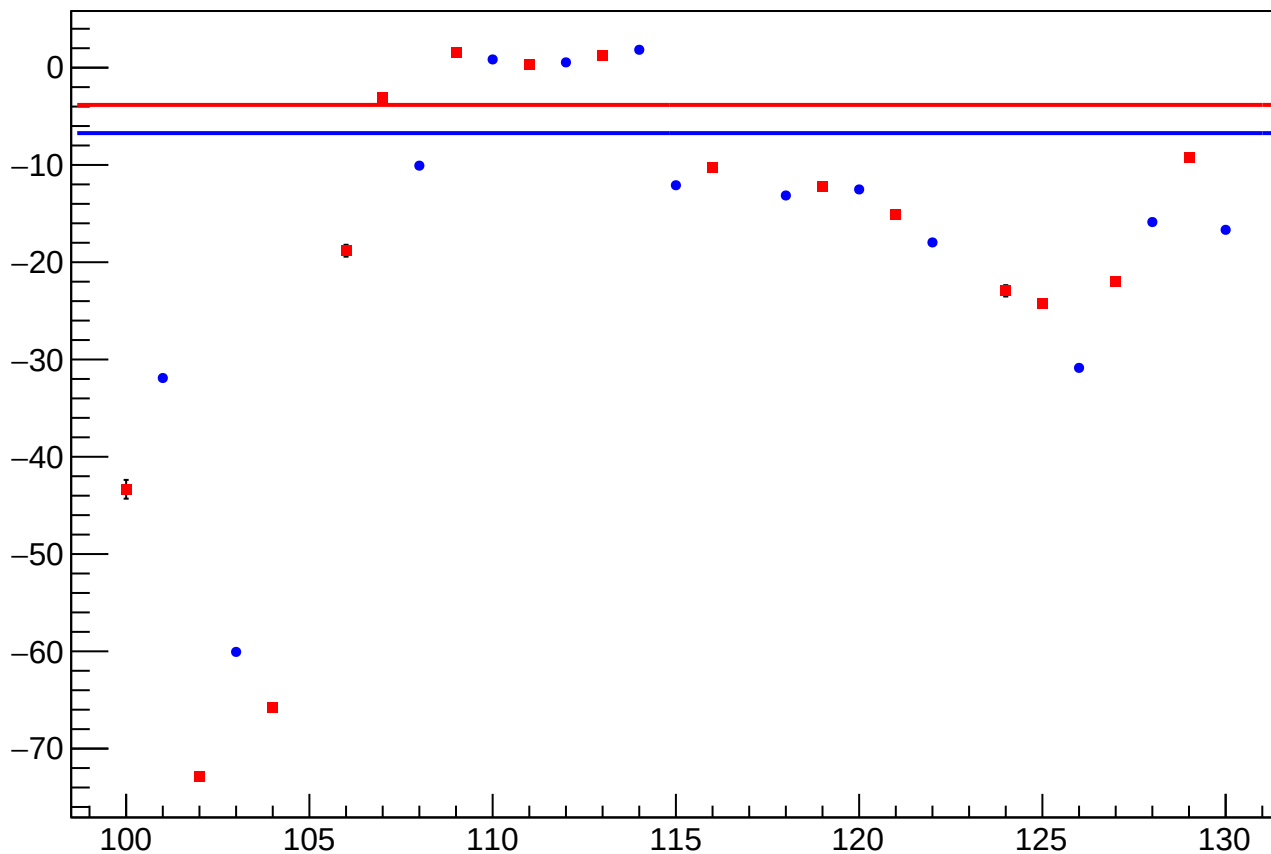
Right: -15.140 $\pm$ 0.024 χ^2 /NDF: 473626.0/26

In: -16.304 $\pm$ 0.034 χ^2 /NDF: 190591.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -15.140 $\pm$ 0.024 χ^2 /NDF: 473626.0/26

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.728+/-0.061 χ^2/NDF : 40738.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.828+/-0.050 χ^2/NDF : 60859.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

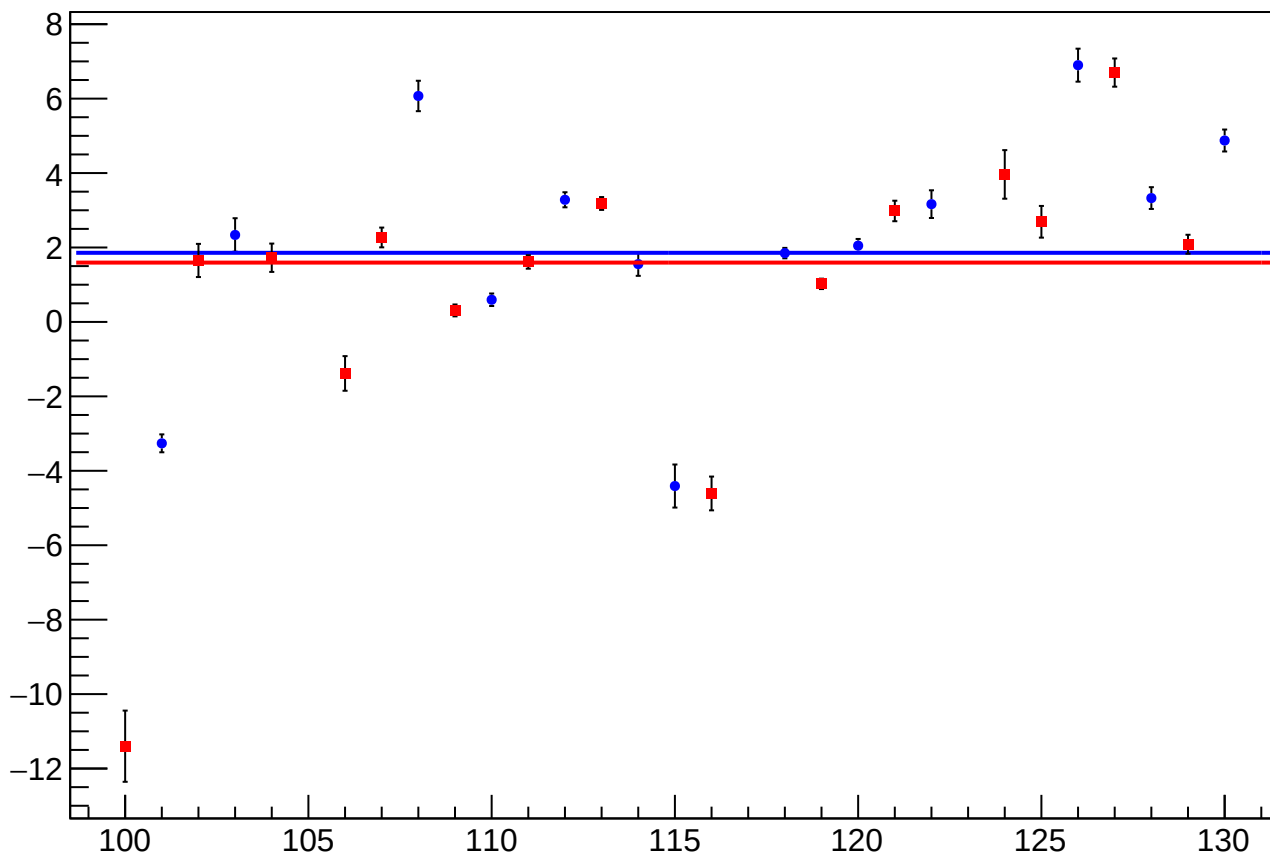
Right: -4.991+/-0.039 χ^2/NDF : 102955.5/27

In: -6.728+/-0.061 χ^2/NDF : 40738.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.991+/-0.039 χ^2/NDF : 102955.5/27

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.857+/-0.068 χ^2/NDF : 1057.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.594+/-0.065 χ^2/NDF : 815.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

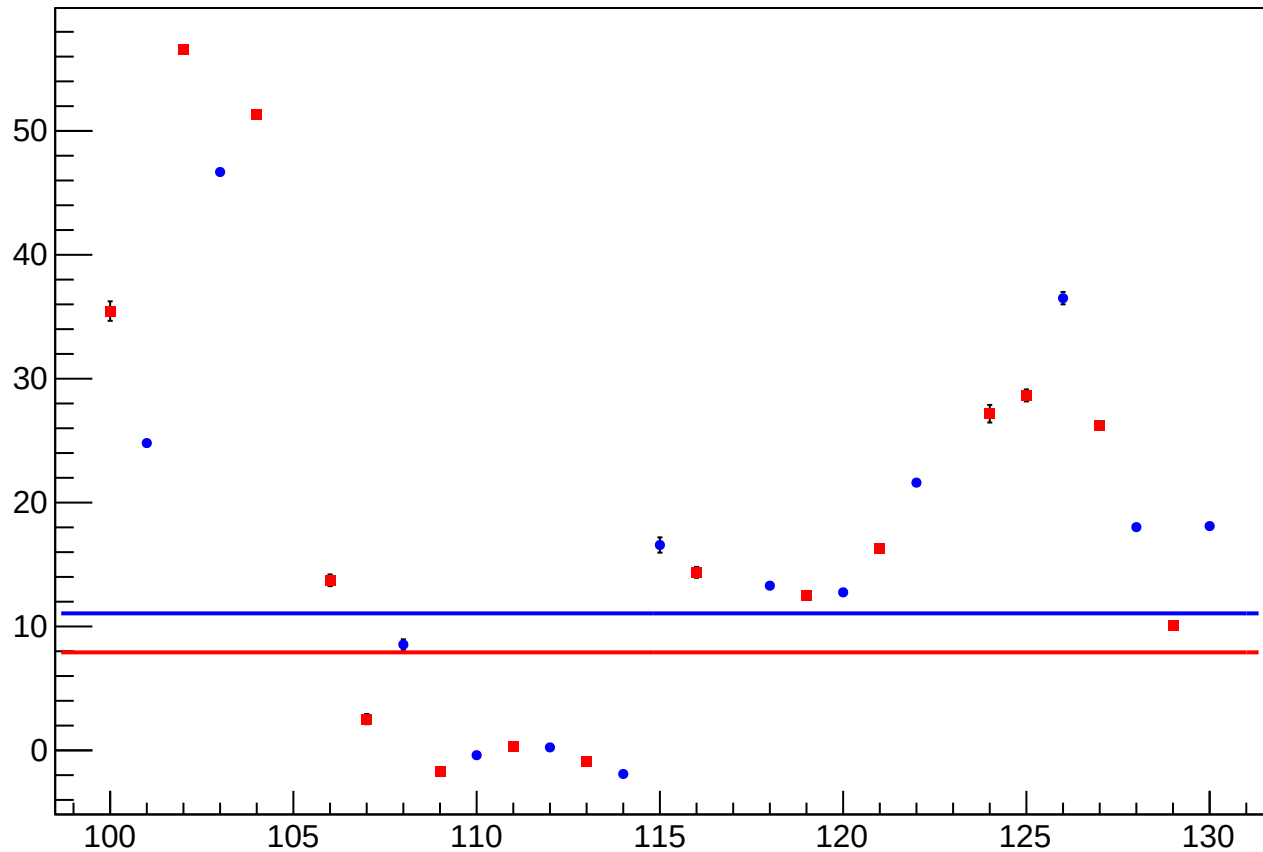
Right: 1.721+/-0.047 χ^2/NDF : 1880.6/27

In: 1.857+/-0.068 χ^2/NDF : 1057.4/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.721+/-0.047 χ^2/NDF : 1880.6/27

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.058+/-0.075 χ^2/NDF : 29866.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.911+/-0.066 χ^2/NDF : 50681.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

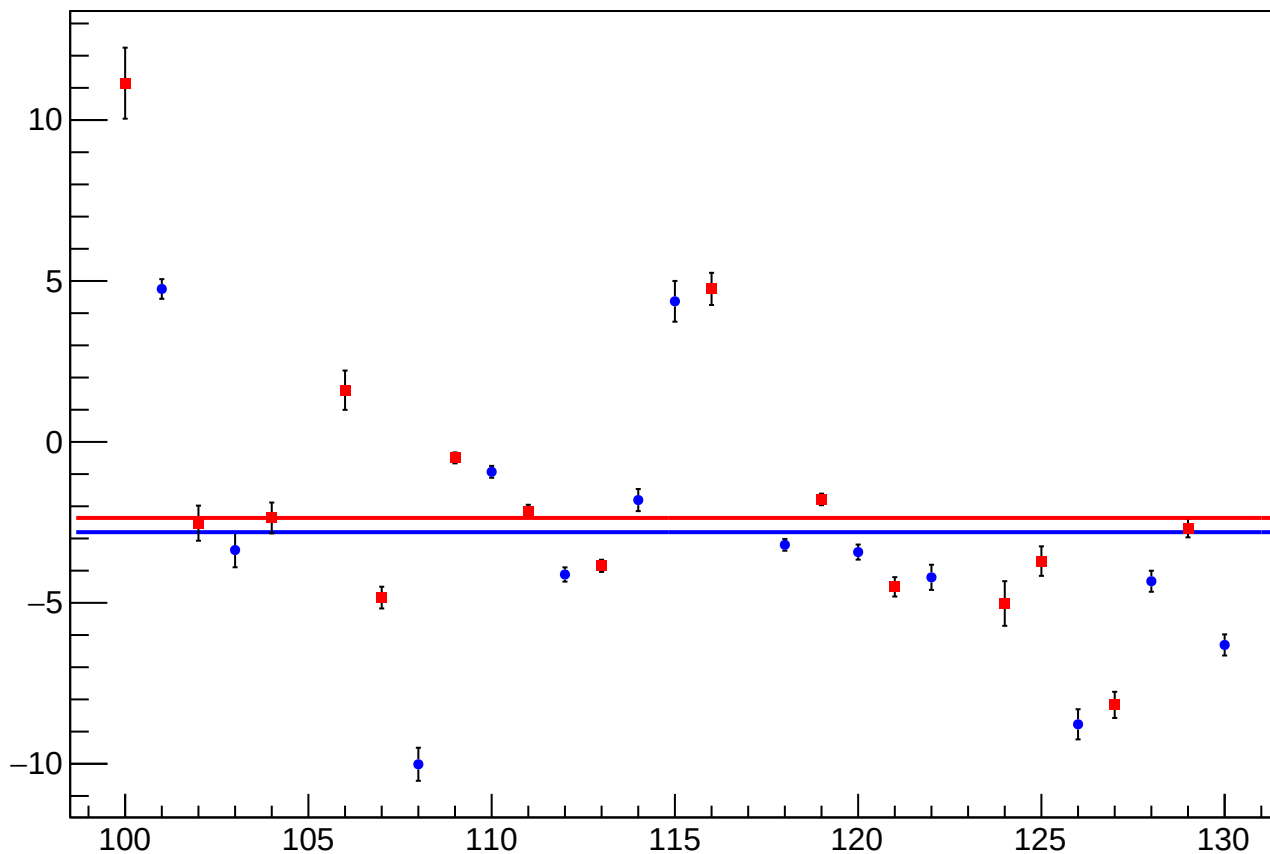
Right: 9.299+/-0.050 χ^2/NDF : 81540.8/27

In: 11.058+/-0.075 χ^2/NDF : 29866.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.299+/-0.050 χ^2/NDF : 81540.8/27

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.804 ± 0.080 χ^2/NDF : 1408.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.362 ± 0.075 χ^2/NDF : 923.2/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

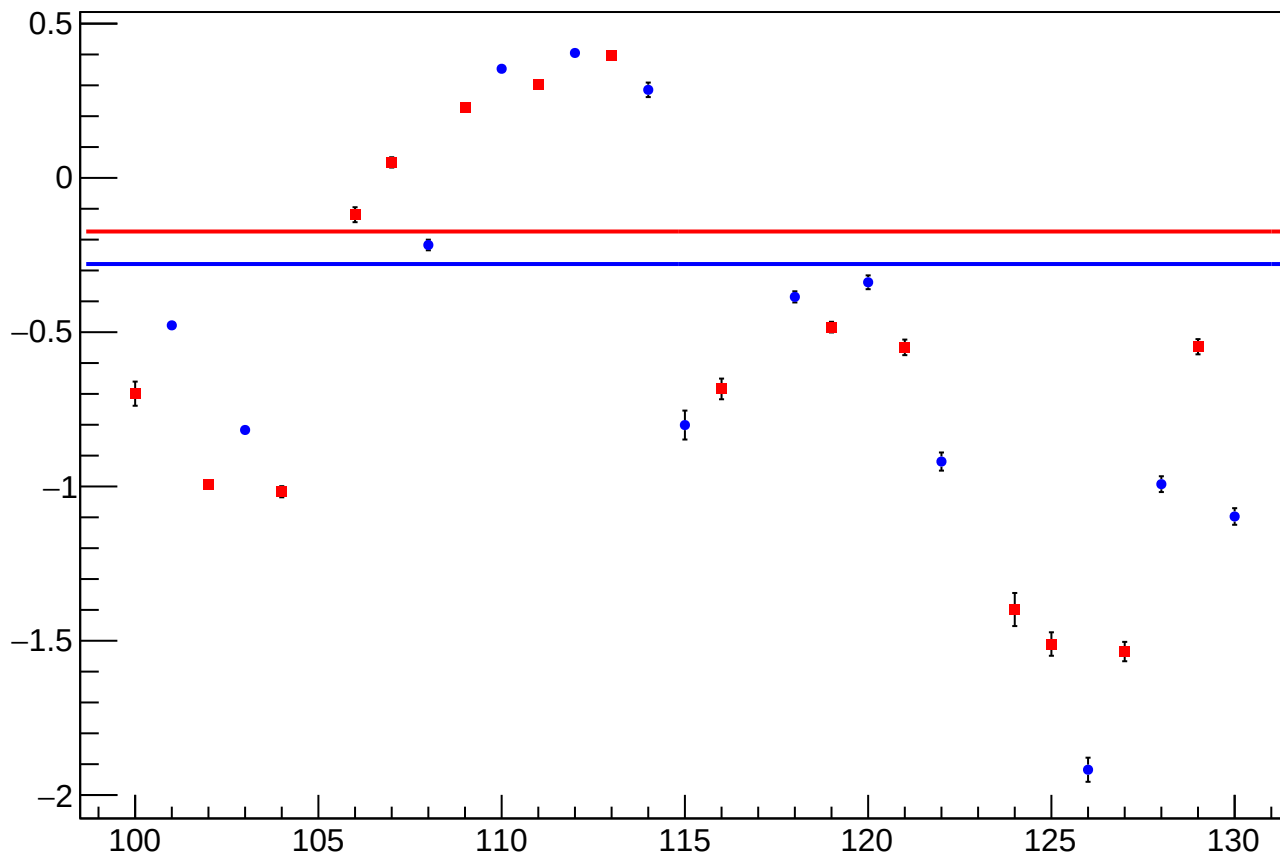
Right: -2.568 ± 0.054 χ^2/NDF : 2348.0/27

In: -2.804 ± 0.080 χ^2/NDF : 1408.4/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.568 ± 0.054 χ^2/NDF : 2348.0/27

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.279 ± 0.005 χ^2/NDF : 11100.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.174 ± 0.005 χ^2/NDF : 15224.4/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

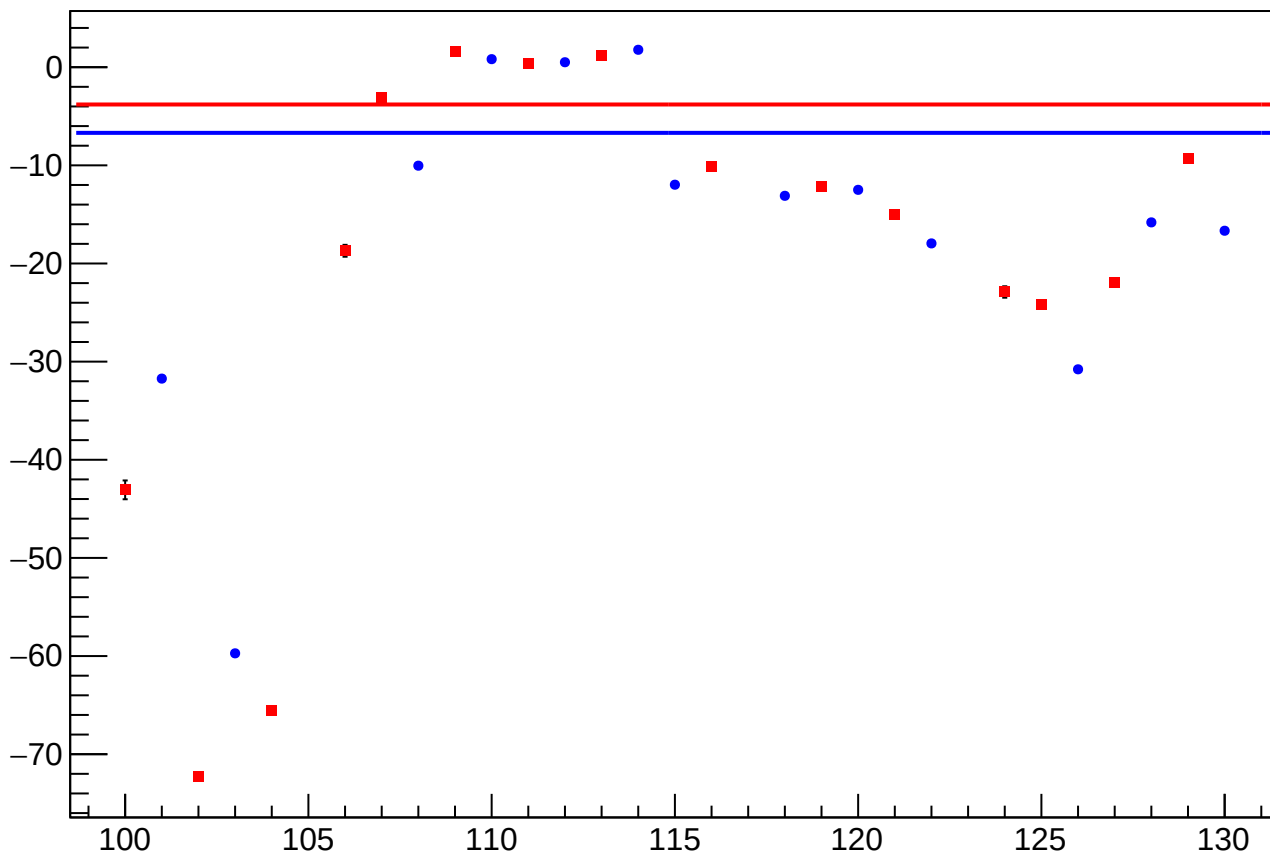
Right: -0.221 ± 0.003 χ^2/NDF : 26551.2/27

In: -0.279 ± 0.005 χ^2/NDF : 11100.6/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.221 ± 0.003 χ^2/NDF : 26551.2/27

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.690+/-0.060 χ^2/NDF : 40744.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.800+/-0.049 χ^2/NDF : 60863.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

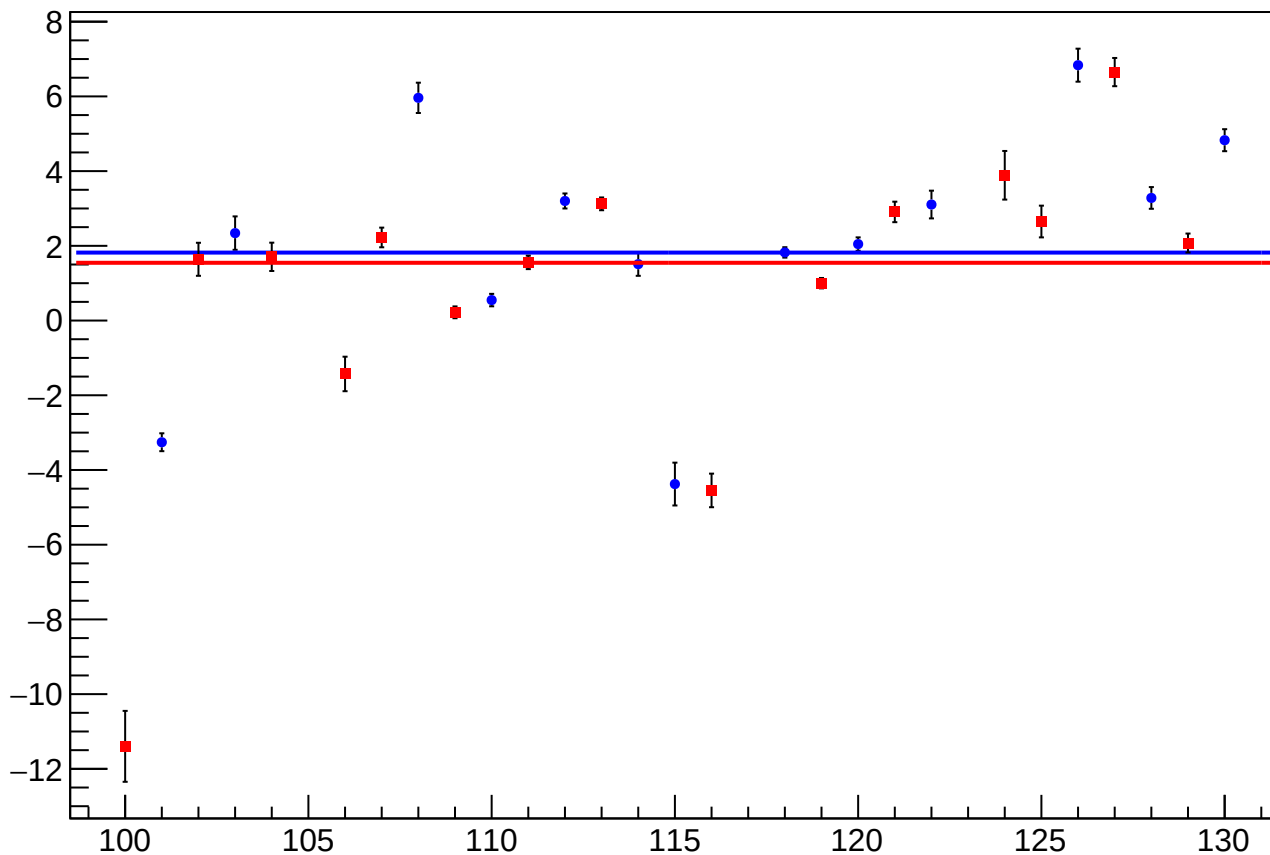
Right: -4.959+/-0.038 χ^2/NDF : 102975.3/27

In: -6.690+/-0.060 χ^2/NDF :40744.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.959+/-0.038 χ^2/NDF : 102975.3/27

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.819+/-0.067 χ^2/NDF : 1051.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.546+/-0.065 χ^2/NDF : 819.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

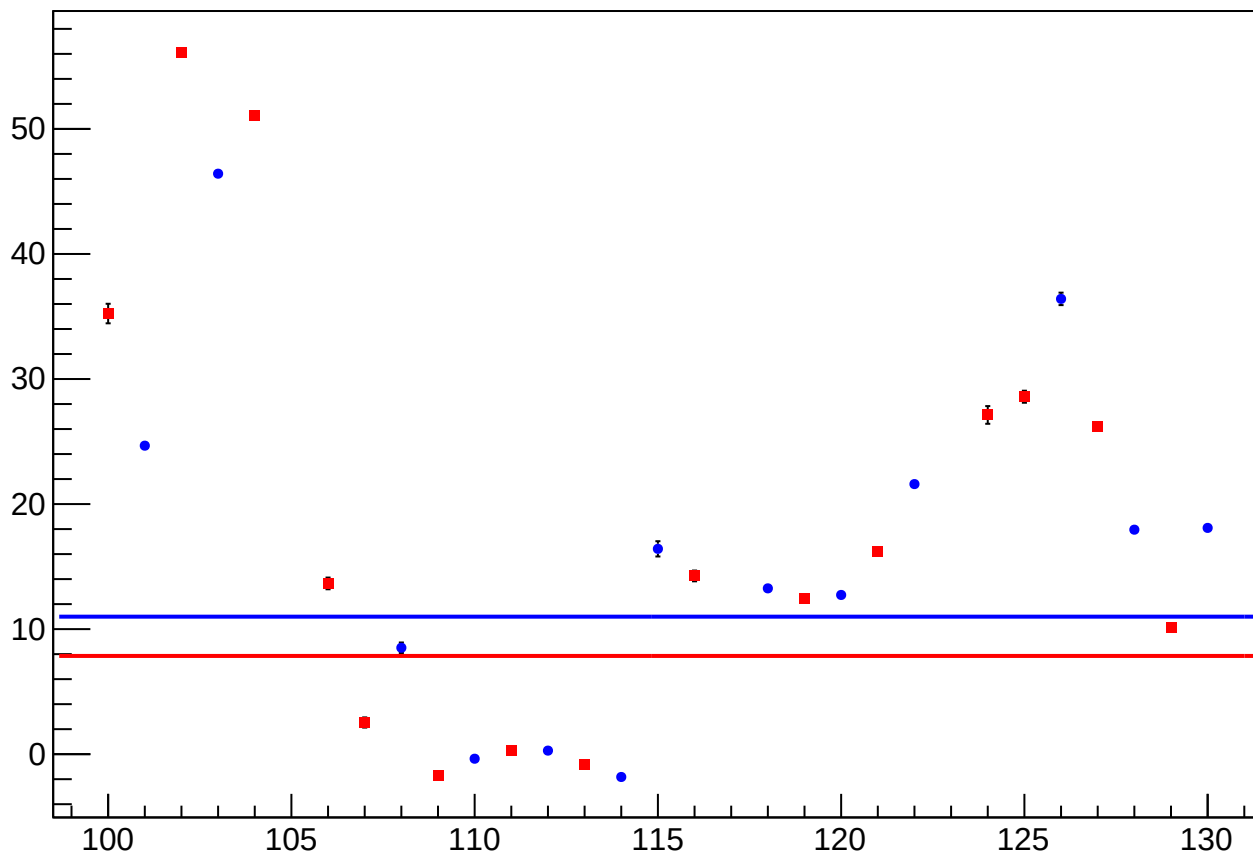
Right: 1.678+/-0.047 χ^2/NDF : 1879.5/27

In: 1.819+/-0.067 χ^2/NDF : 1051.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.678+/-0.047 χ^2/NDF : 1879.5/27

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.997 $\pm$ 0.074 χ^2 /NDF: 29872.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7.856 $\pm$ 0.066 χ^2 /NDF: 50696.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

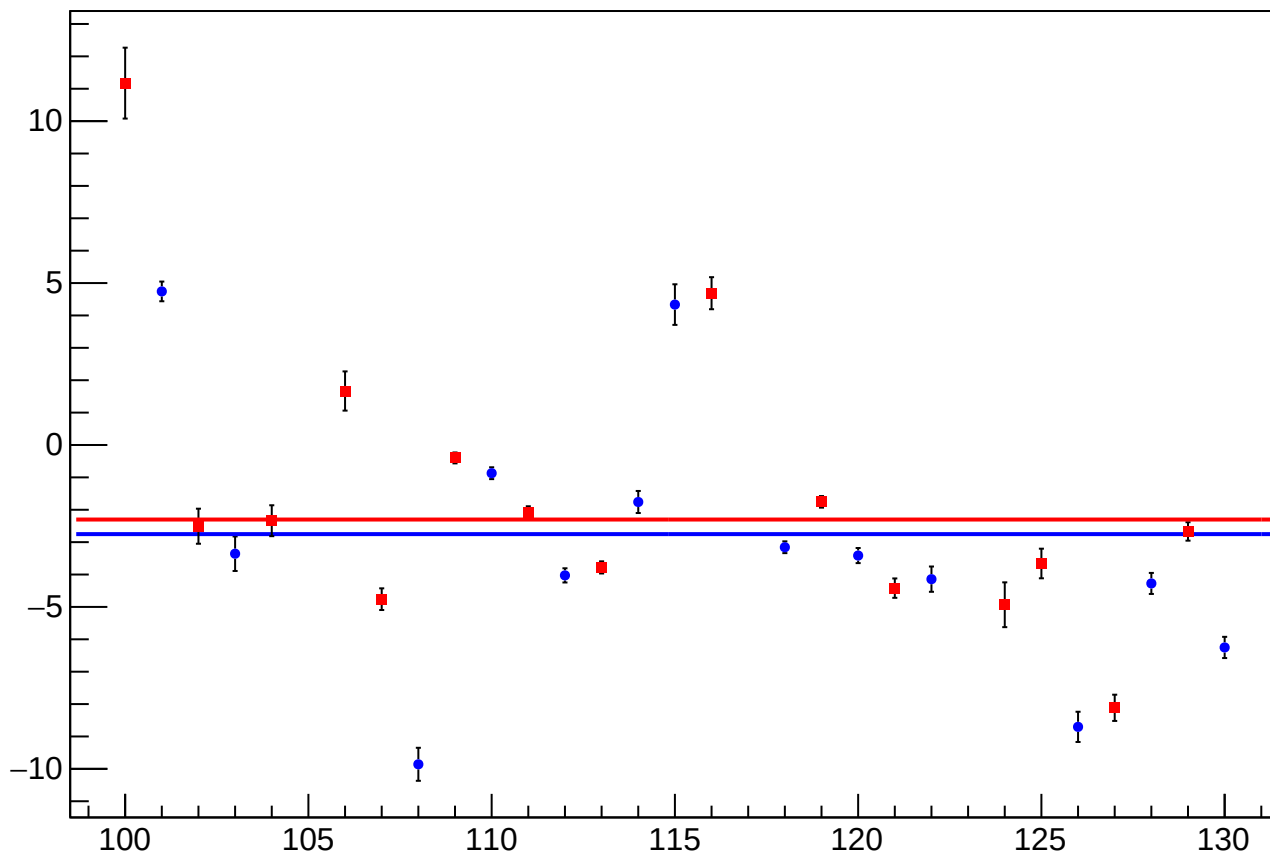
Right: 9.240 $\pm$ 0.049 χ^2 /NDF: 81570.8/27

In: 10.997 $\pm$ 0.074 χ^2 /NDF: 29872.5/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.240 $\pm$ 0.049 χ^2 /NDF: 81570.8/27

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.752+/-0.079 χ^2/NDF : 1403.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.302+/-0.074 χ^2/NDF : 930.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

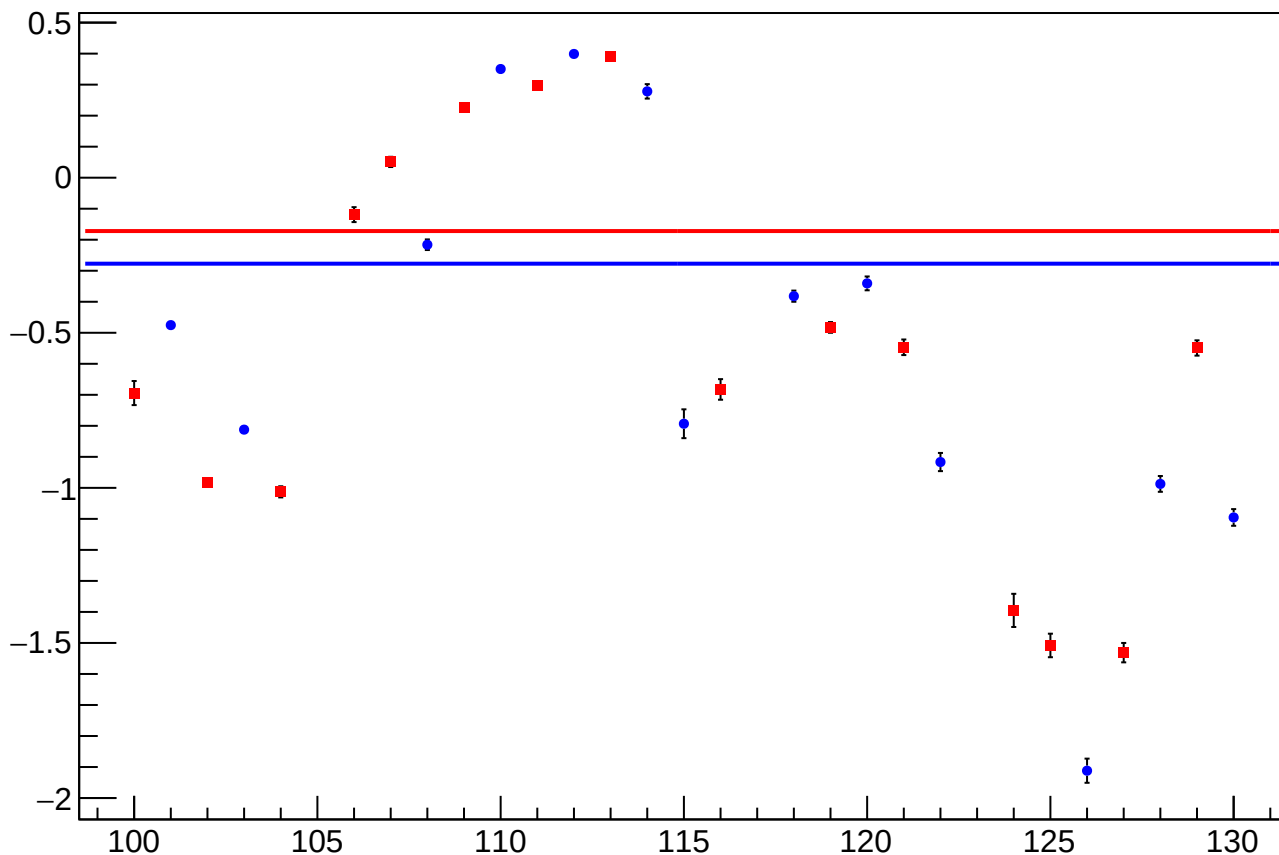
Right: -2.511+/-0.054 χ^2/NDF : 2351.1/27

In: -2.752+/-0.079 χ^2/NDF :1403.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.511+/-0.054 χ^2/NDF : 2351.1/27

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.277+/-0.005 χ^2/NDF : 11084.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.172+/-0.005 χ^2/NDF : 15244.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

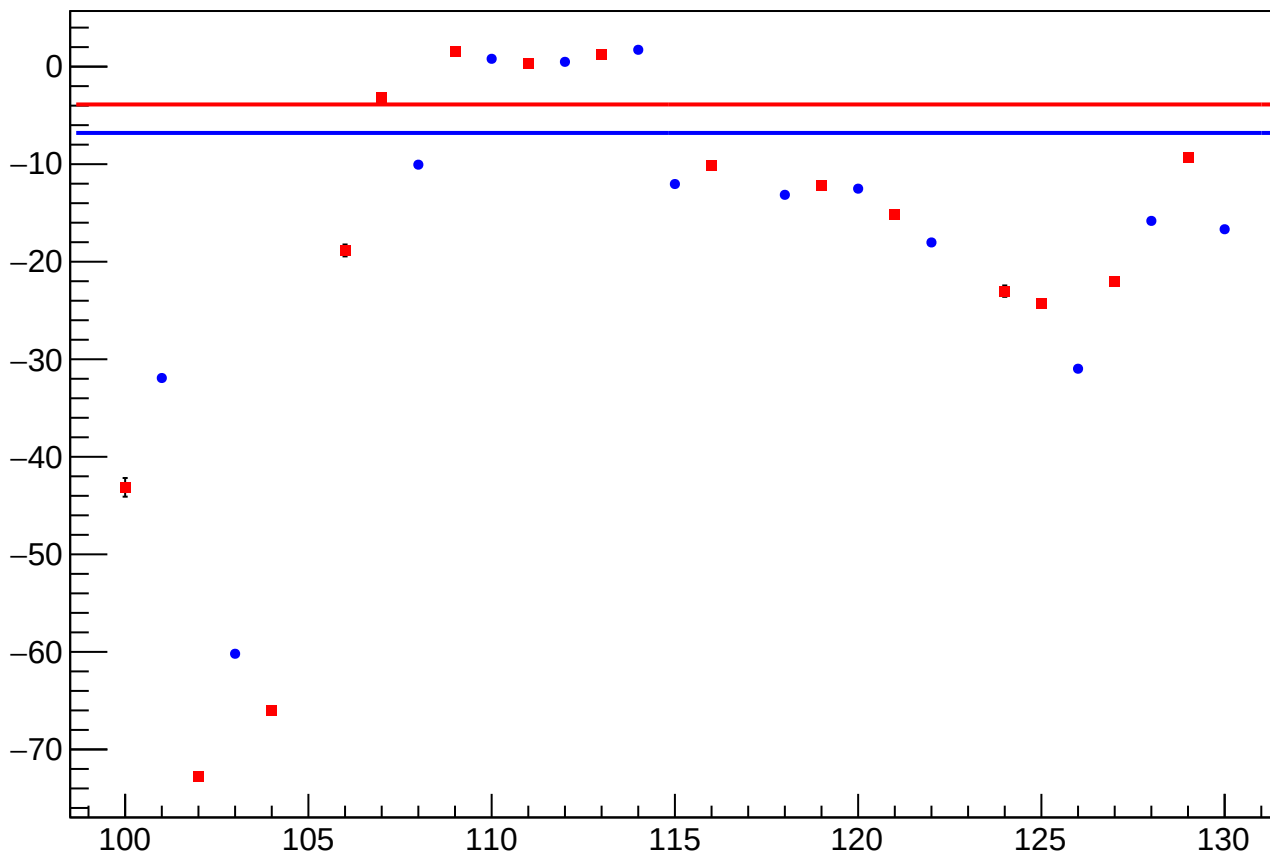
Right: -0.219+/-0.003 χ^2/NDF : 26556.6/27

In: -0.277+/-0.005 χ^2/NDF :11084.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.219+/-0.003 χ^2/NDF : 26556.6/27

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.798+/-0.061 χ^2/NDF : 40645.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.878+/-0.050 χ^2/NDF : 60777.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

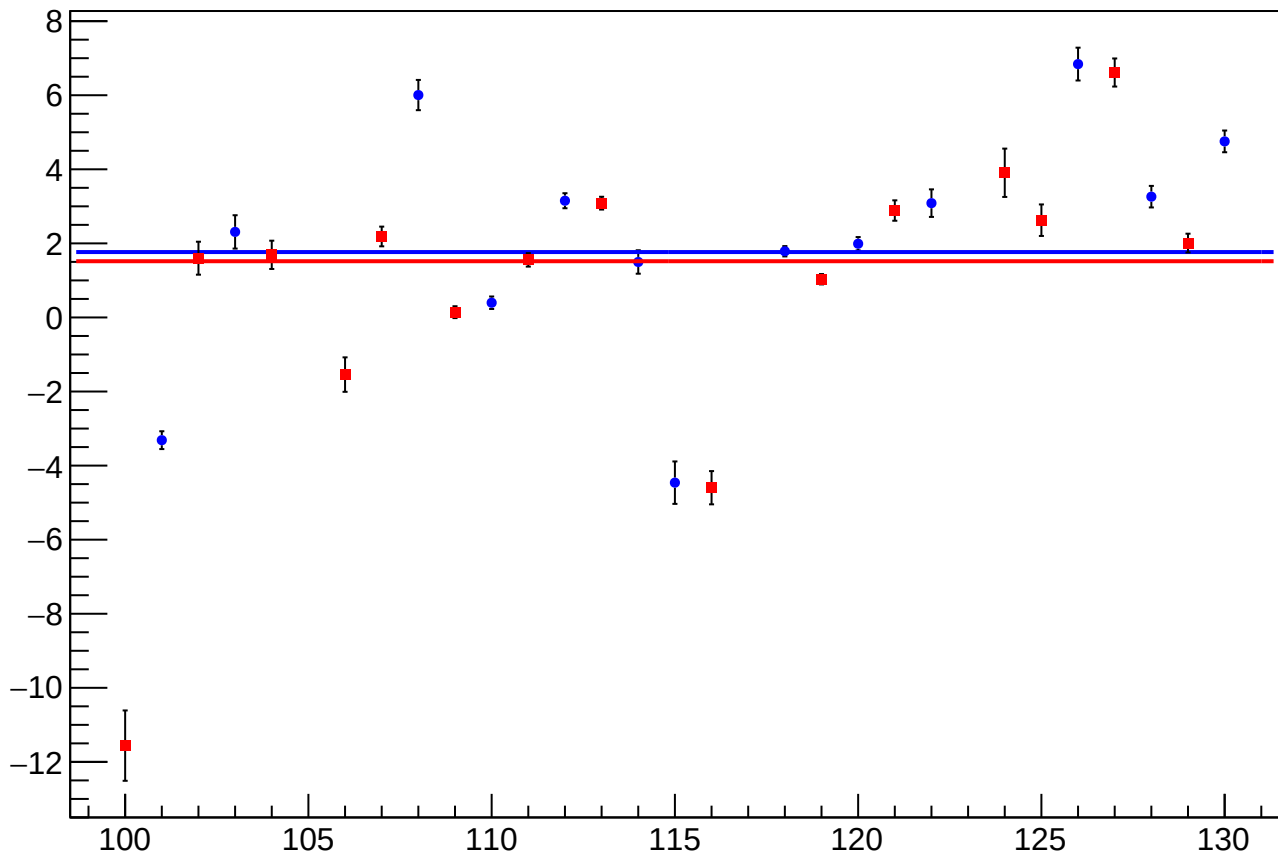
Right: -5.050+/-0.039 χ^2/NDF : 102797.1/27

In: -6.798+/-0.061 χ^2/NDF :40645.6/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.050+/-0.039 χ^2/NDF : 102797.1/27

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.766+/-0.068 χ^2/NDF : 1061.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.518+/-0.065 χ^2/NDF : 822.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

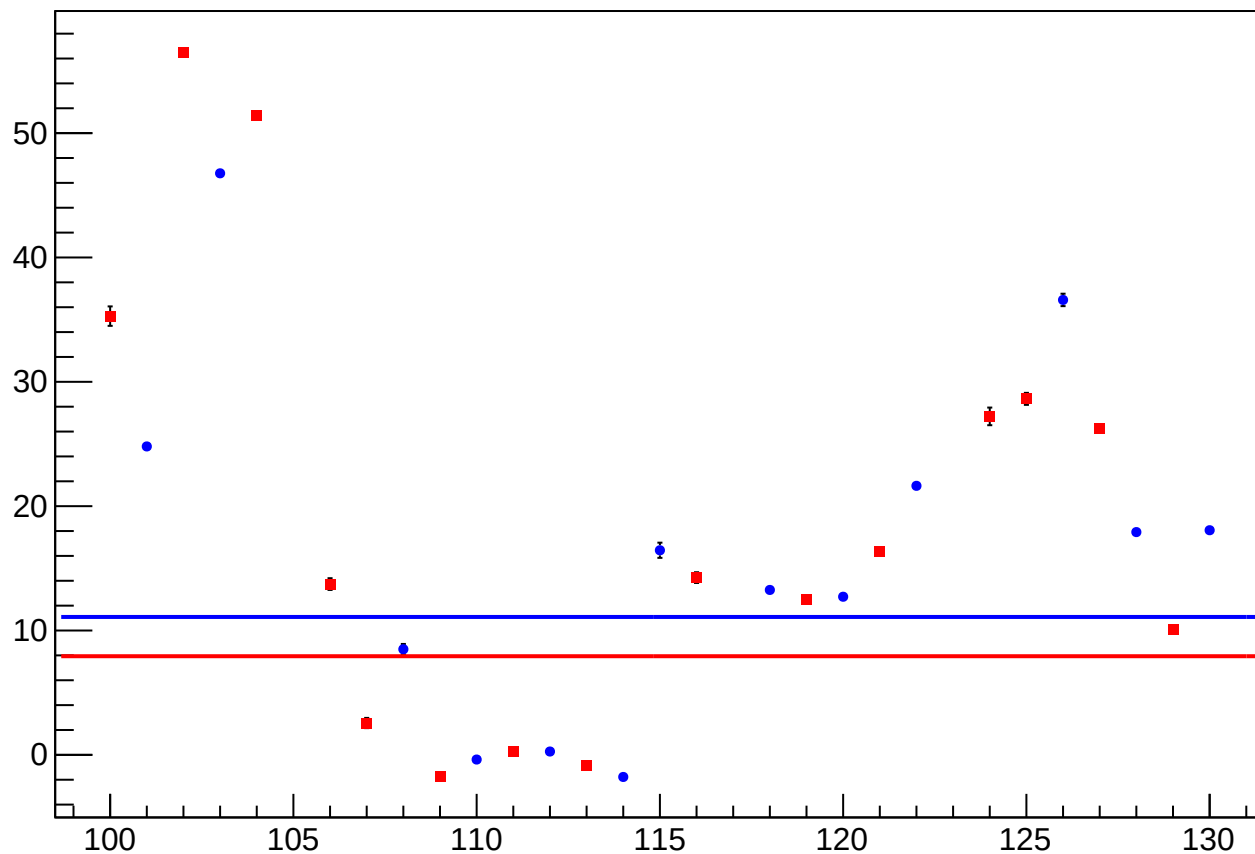
Right: 1.638+/-0.047 χ^2/NDF : 1891.3/27

In: 1.766+/-0.068 χ^2/NDF : 1061.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.638+/-0.047 χ^2/NDF : 1891.3/27

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.091+/-0.075 χ^2/NDF : 29778.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.933+/-0.066 χ^2/NDF : 50612.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

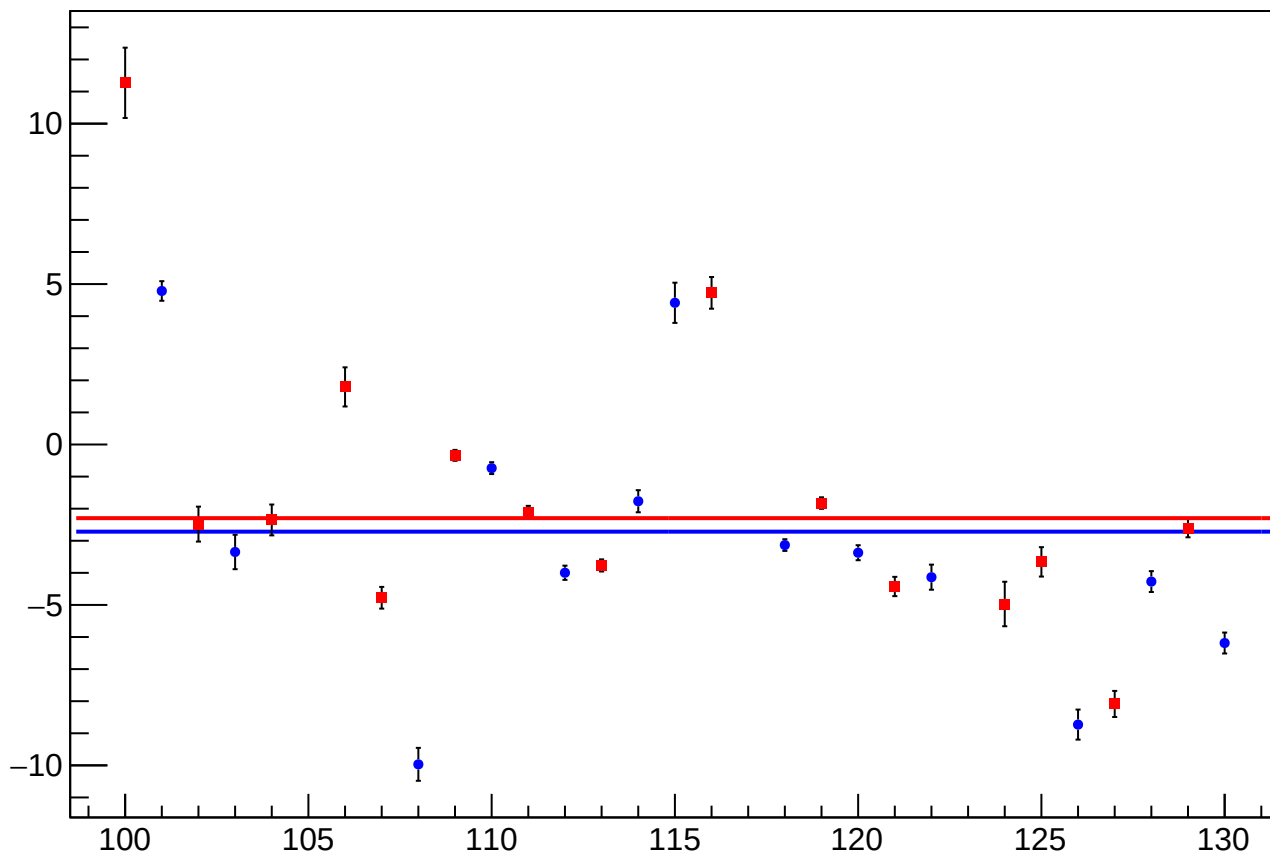
Right: 9.327+/-0.050 χ^2/NDF : 81390.2/27

In: 11.091+/-0.075 χ^2/NDF : 29778.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.327+/-0.050 χ^2/NDF : 81390.2/27

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.716+/-0.080 χ^2/NDF : 1416.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.295+/-0.075 χ^2/NDF : 933.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

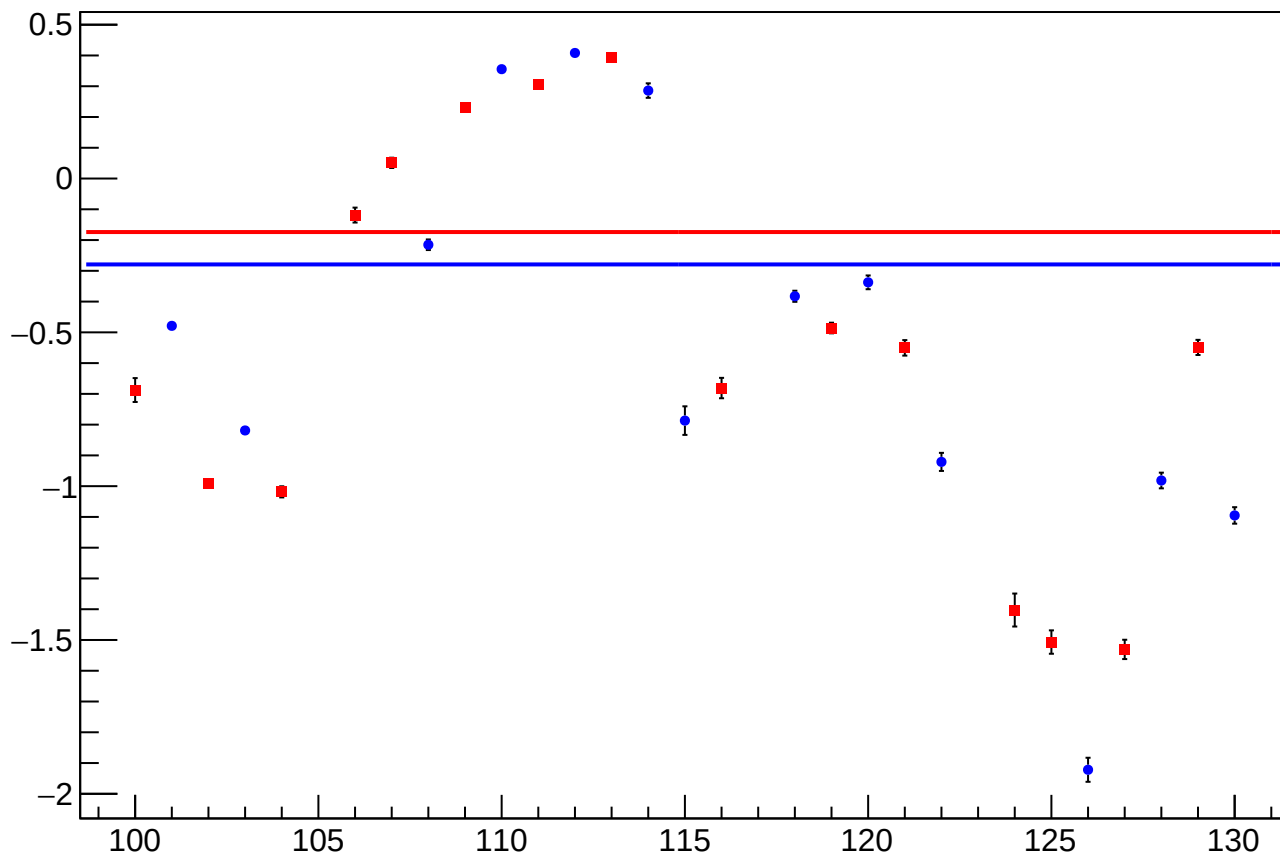
Right: -2.492+/-0.054 χ^2/NDF : 2364.7/27

In: -2.716+/-0.080 χ^2/NDF :1416.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.492+/-0.054 χ^2/NDF : 2364.7/27

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.279 ± 0.005 $\chi^2/\text{NDF}: 11119.4/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.174 ± 0.005 $\chi^2/\text{NDF}: 15216.5/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

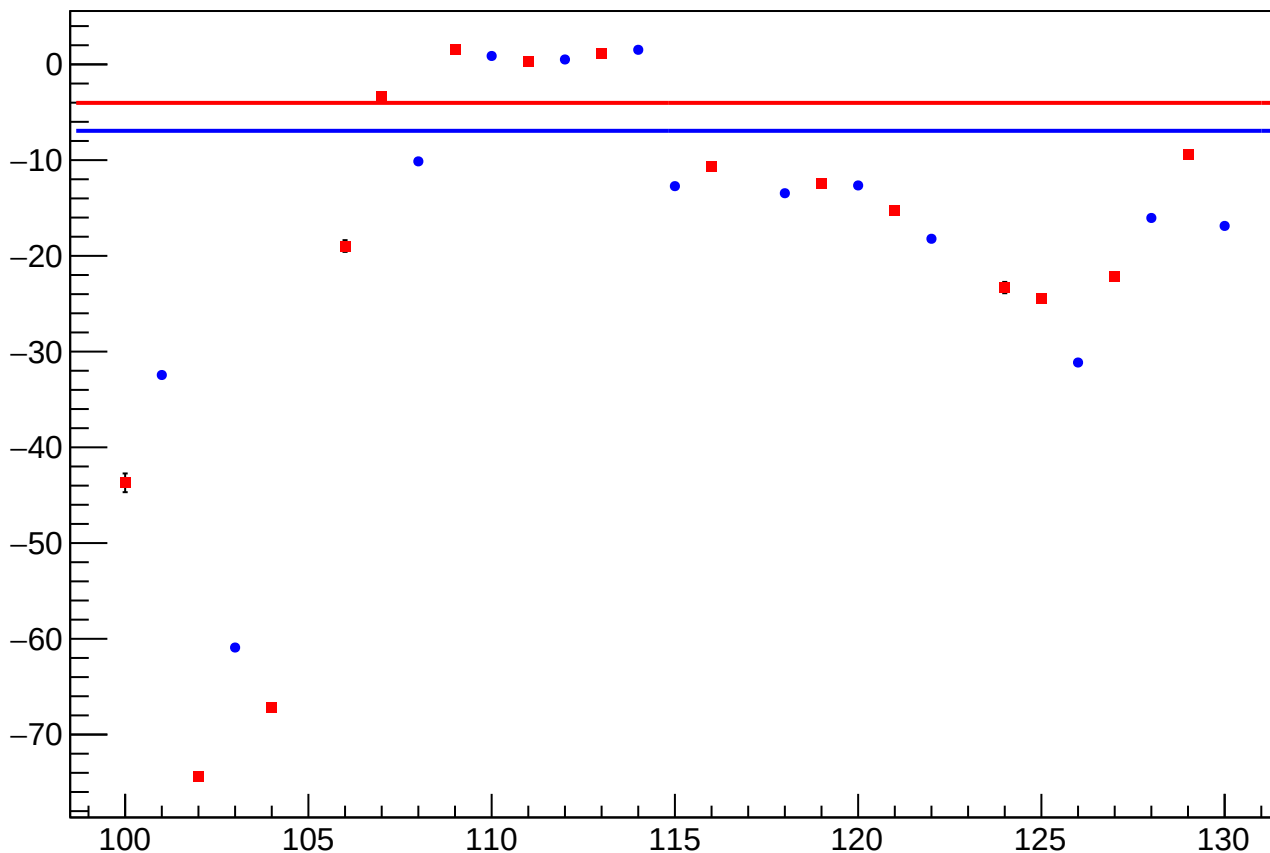
Right: -0.221 ± 0.003 $\chi^2/\text{NDF}: 26561.2/27$

In: -0.279 ± 0.005 $\chi^2/\text{NDF}: 11119.4/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.221 ± 0.003 $\chi^2/\text{NDF}: 26561.2/27$

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.939+/-0.062 χ^2/NDF : 40161.2/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.020+/-0.051 χ^2/NDF : 60257.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

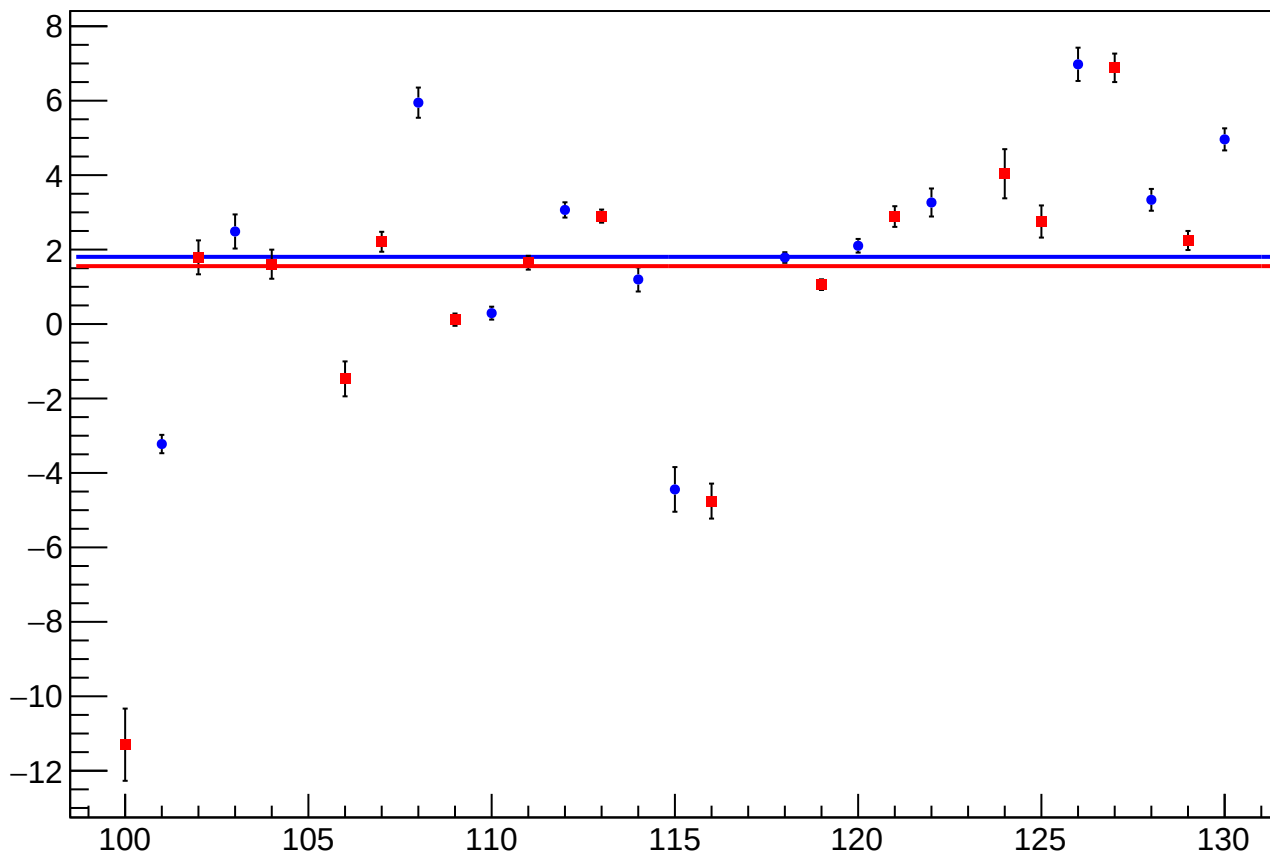
Right: -5.197+/-0.039 χ^2/NDF : 101733.4/27

In: -6.939+/-0.062 χ^2/NDF :40161.2/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.197+/-0.039 χ^2/NDF : 101733.4/27

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.805+/-0.069 χ^2/NDF : 1040.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.556+/-0.067 χ^2/NDF : 796.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

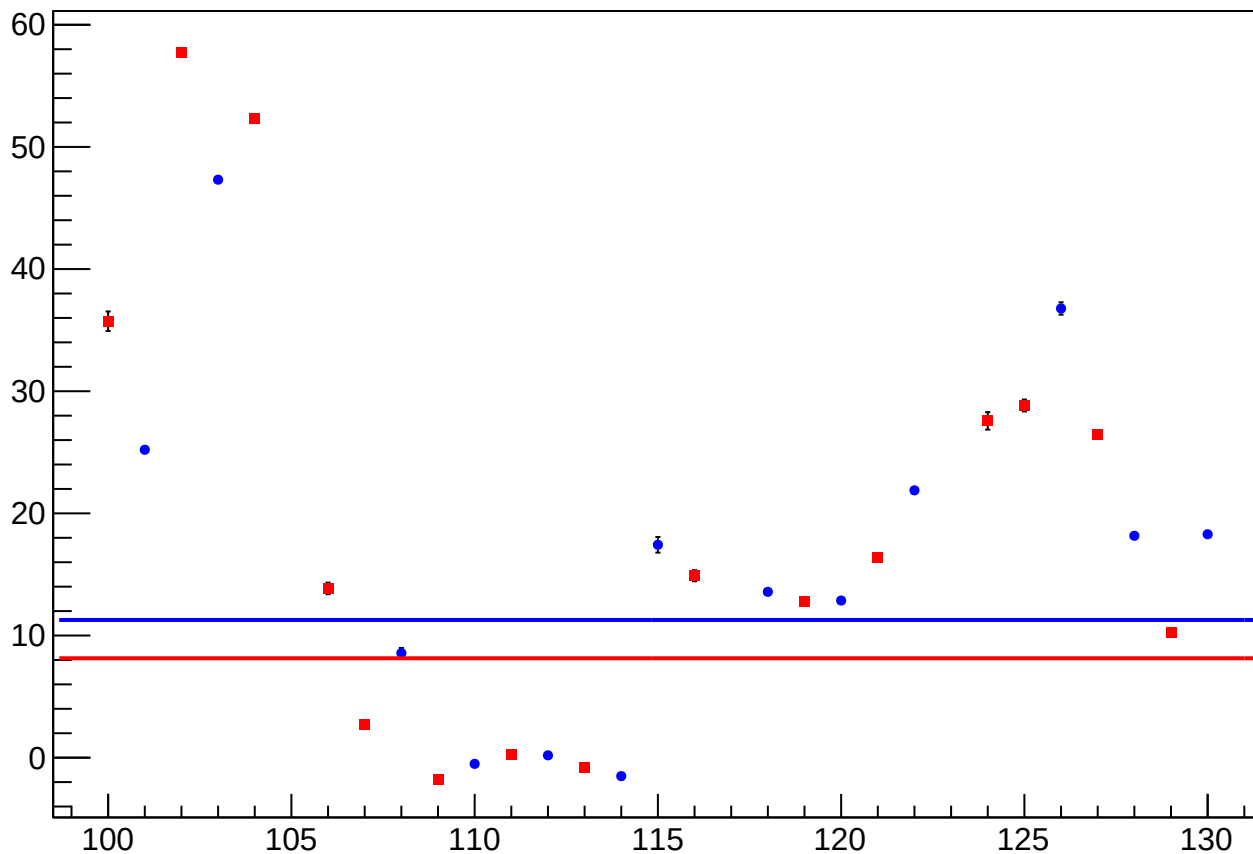
Right: 1.676+/-0.048 χ^2/NDF : 1843.2/27

In: 1.805+/-0.069 χ^2/NDF : 1040.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.676+/-0.048 χ^2/NDF : 1843.2/27

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.274+/-0.076 χ^2/NDF : 29453.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.138+/-0.068 χ^2/NDF : 50165.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

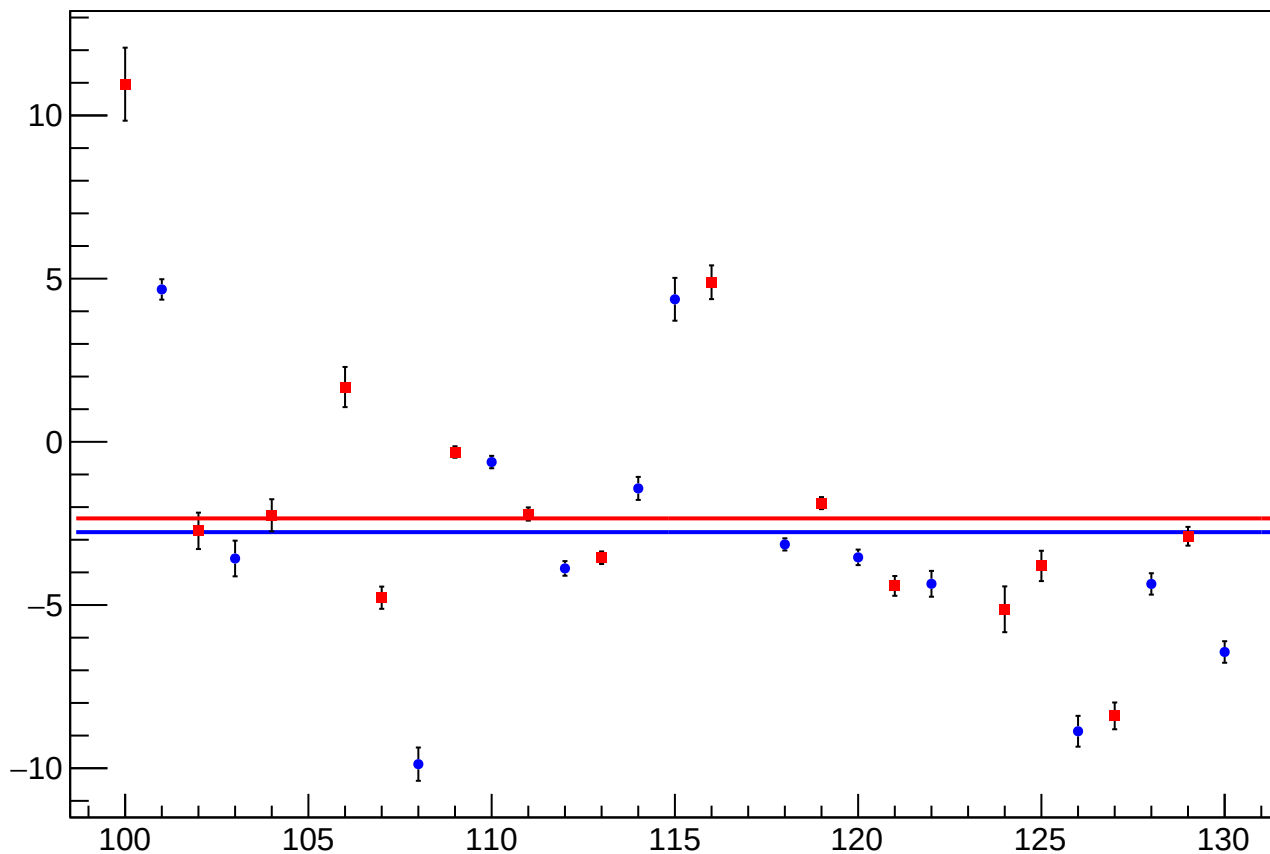
Right: 9.526+/-0.051 χ^2/NDF : 80564.0/27

In: 11.274+/-0.076 χ^2/NDF : 29453.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.526+/-0.051 χ^2/NDF : 80564.0/27

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.767 $\pm$ 0.081 χ^2 /NDF: 1389.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.346 $\pm$ 0.076 χ^2 /NDF: 905.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

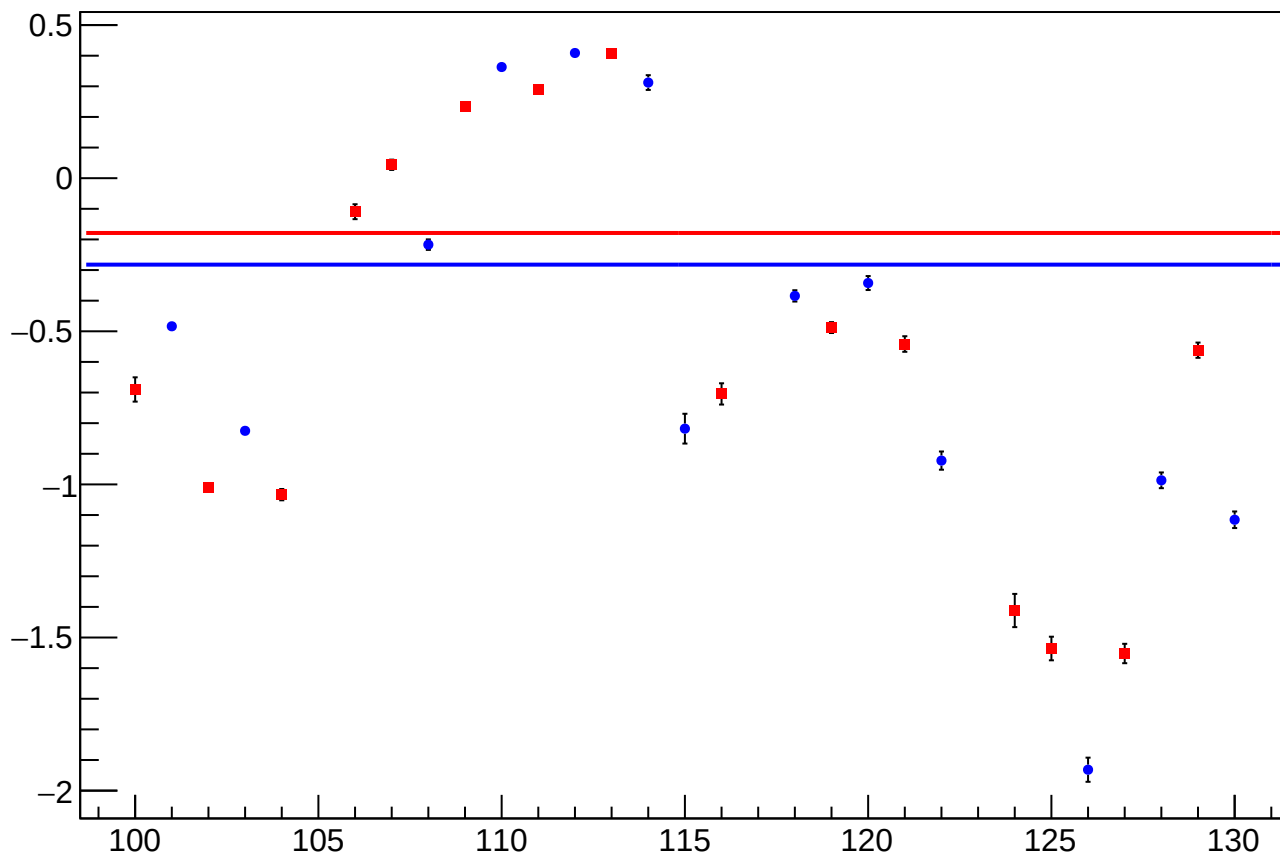
Right: -2.543 $\pm$ 0.056 χ^2 /NDF: 2309.8/27

In: -2.767 $\pm$ 0.081 χ^2 /NDF:1389.9/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.543 $\pm$ 0.056 χ^2 /NDF: 2309.8/27

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.282 ± 0.005 χ^2/NDF : 10993.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.179 ± 0.005 χ^2/NDF : 15008.7/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

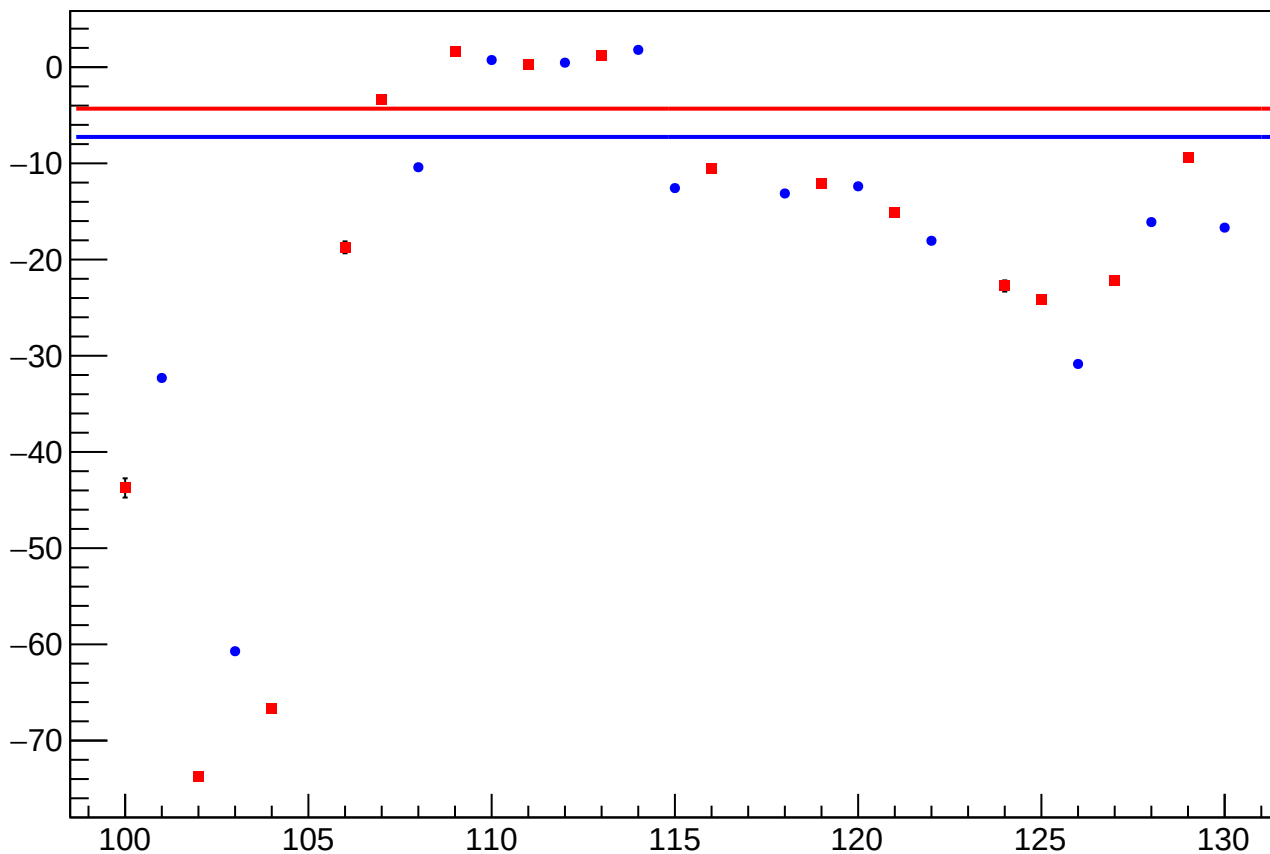
Right: -0.225 ± 0.004 χ^2/NDF : 26211.8/27

In: -0.282 ± 0.005 χ^2/NDF : 10993.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.225 ± 0.004 χ^2/NDF : 26211.8/27

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -7.255+/-0.063 χ^2/NDF : 38886.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.315+/-0.053 χ^2/NDF : 58771.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

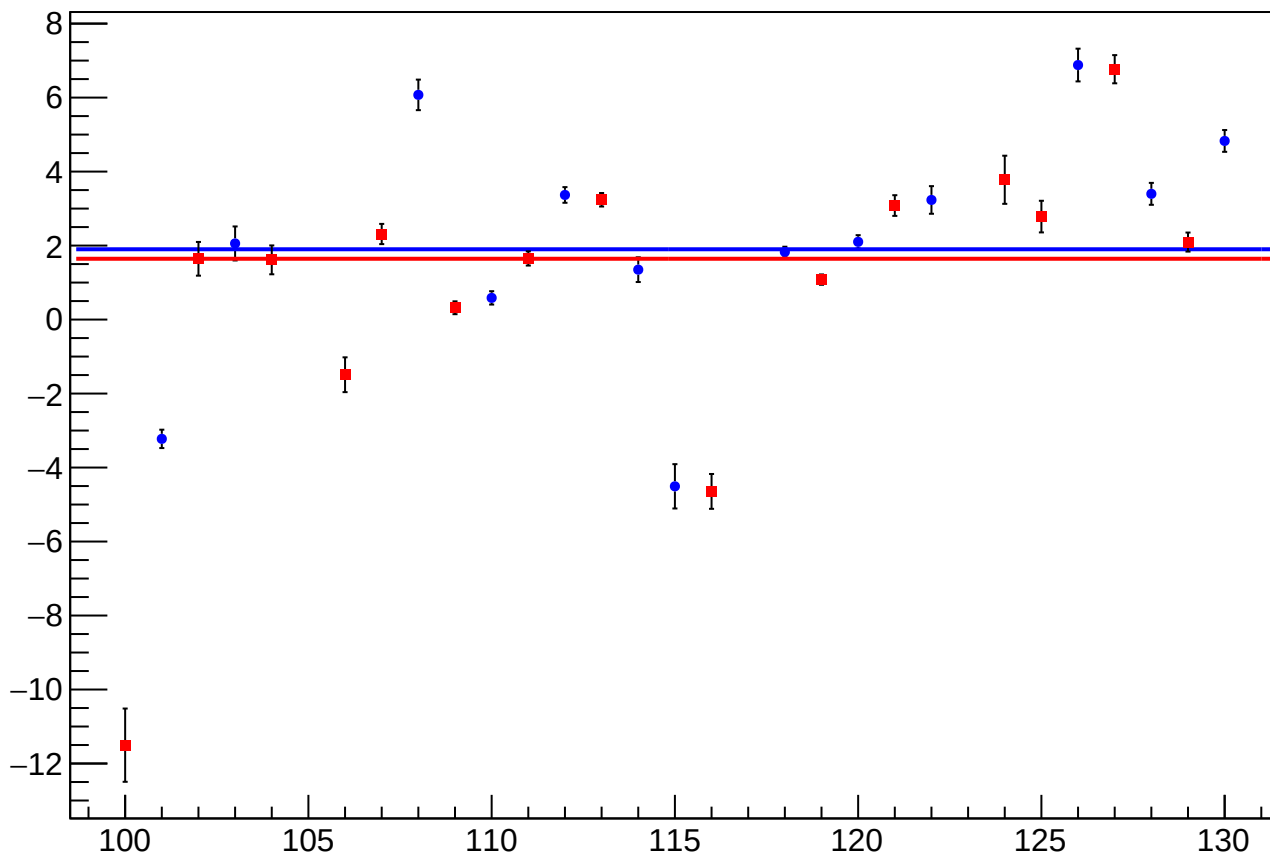
Right: -5.513+/-0.041 χ^2/NDF : 98930.1/27

In: -7.255+/-0.063 χ^2/NDF :38886.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.513+/-0.041 χ^2/NDF : 98930.1/27

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.900+/-0.069 χ^2/NDF : 1011.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.644+/-0.068 χ^2/NDF : 784.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

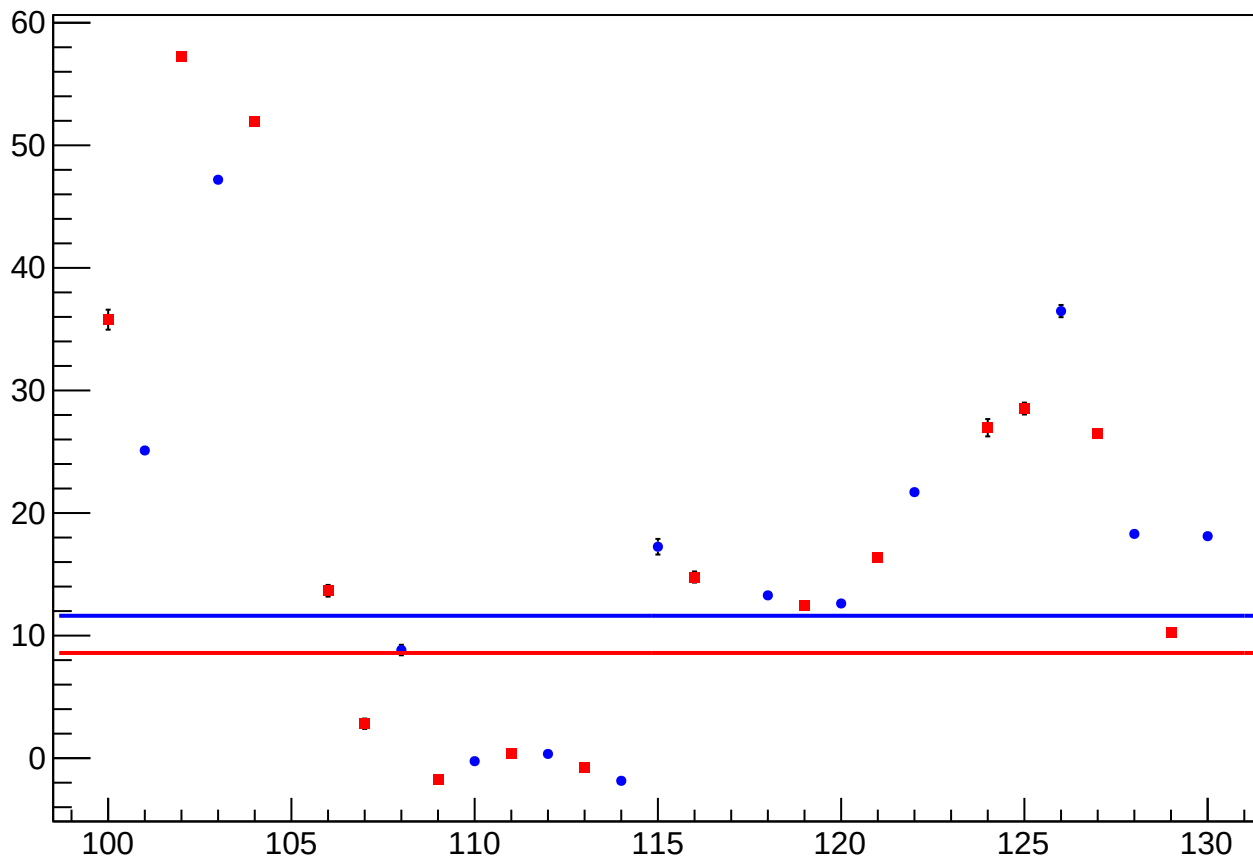
Right: 1.768+/-0.048 χ^2/NDF : 1803.0/27

In: 1.900+/-0.069 χ^2/NDF : 1011.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.768+/-0.048 χ^2/NDF : 1803.0/27

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.618+/-0.077 χ^2/NDF : 28213.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.583+/-0.069 χ^2/NDF : 48418.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

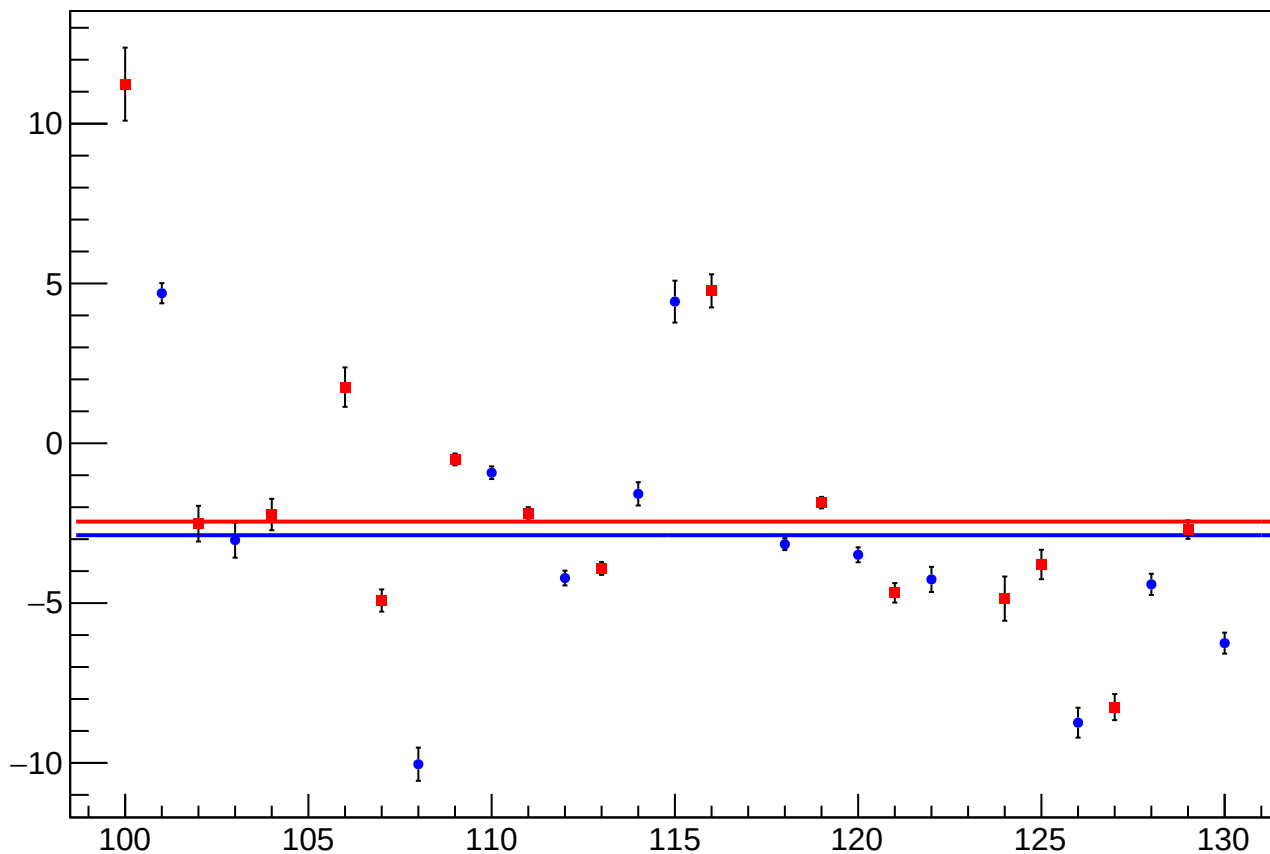
Right: 9.939+/-0.052 χ^2/NDF : 77486.7/27

In: 11.618+/-0.077 χ^2/NDF : 28213.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.939+/-0.052 χ^2/NDF : 77486.7/27

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.876+/-0.082 χ^2 /NDF: 1342.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2.450+/-0.077 χ^2 /NDF: 889.3/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

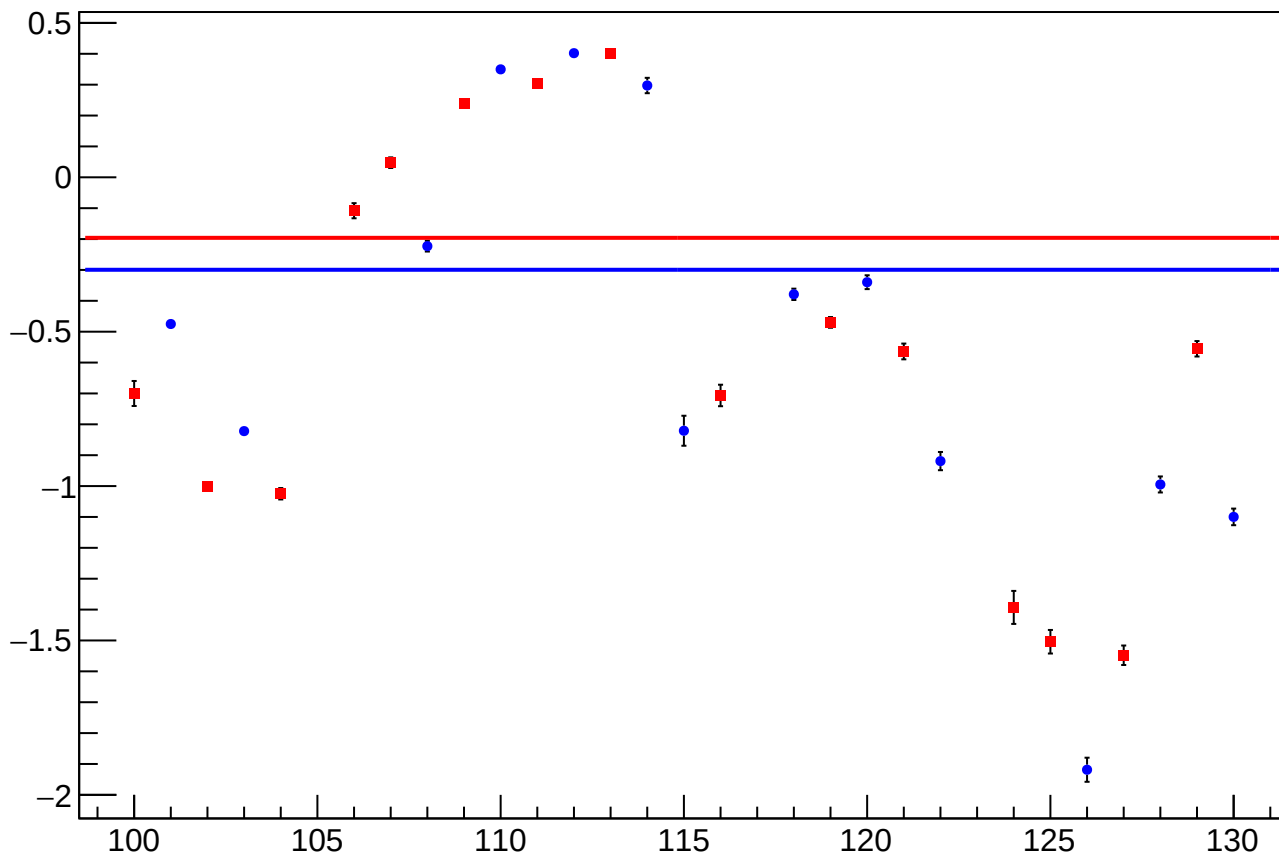
Right: -2.650+/-0.056 χ^2 /NDF: 2245.7/27

In: -2.876+/-0.082 χ^2 /NDF:1342.2/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2.650+/-0.056 χ^2 /NDF: 2245.7/27

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.299 ± 0.005 $\chi^2/\text{NDF}: 10425.5/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.196 ± 0.005 $\chi^2/\text{NDF}: 14520.7/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

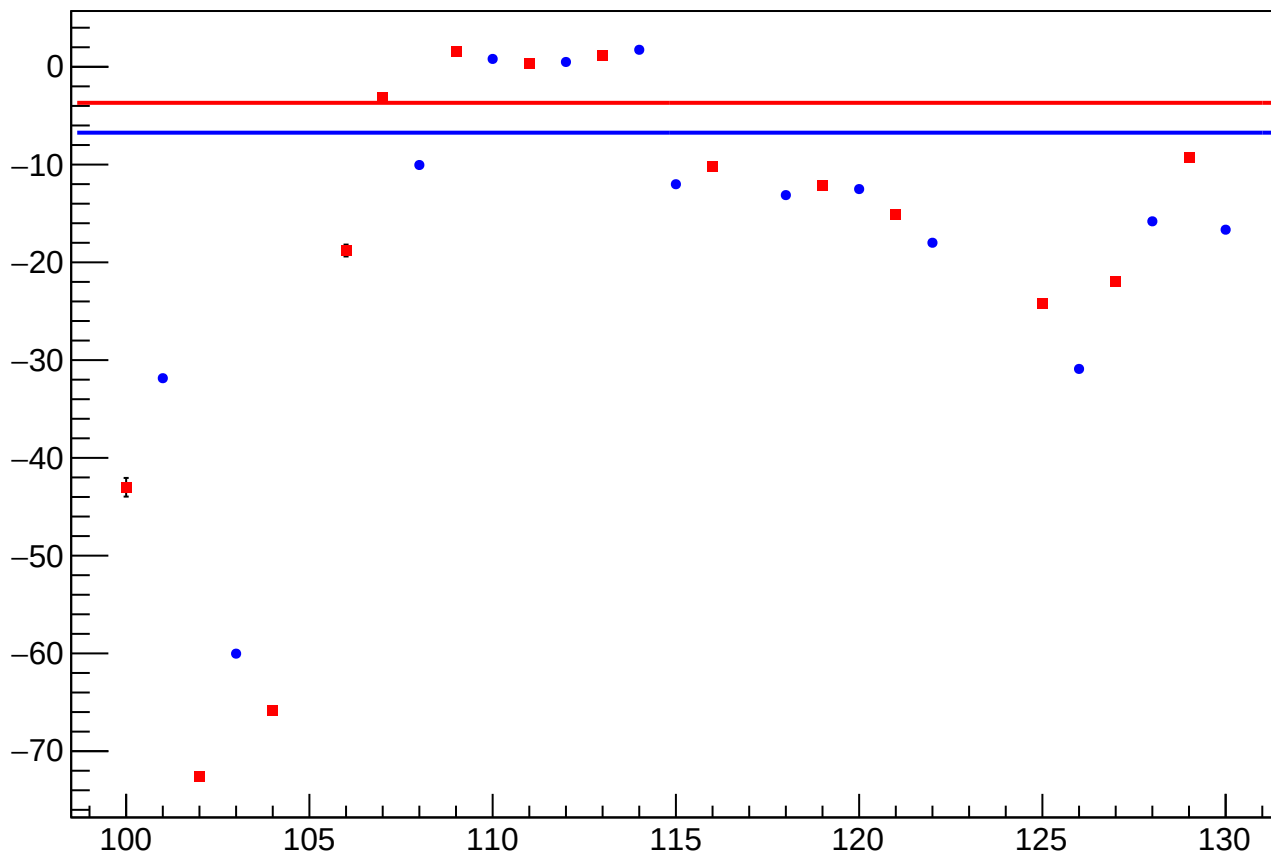
Right: -0.243 ± 0.004 $\chi^2/\text{NDF}: 25149.3/27$

In: -0.299 ± 0.005 $\chi^2/\text{NDF}: 10425.5/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.243 ± 0.004 $\chi^2/\text{NDF}: 25149.3/27$

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.737+/-0.061 χ^2 /NDF: 40786.5/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -3.683+/-0.050 χ^2 /NDF: 59850.9/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

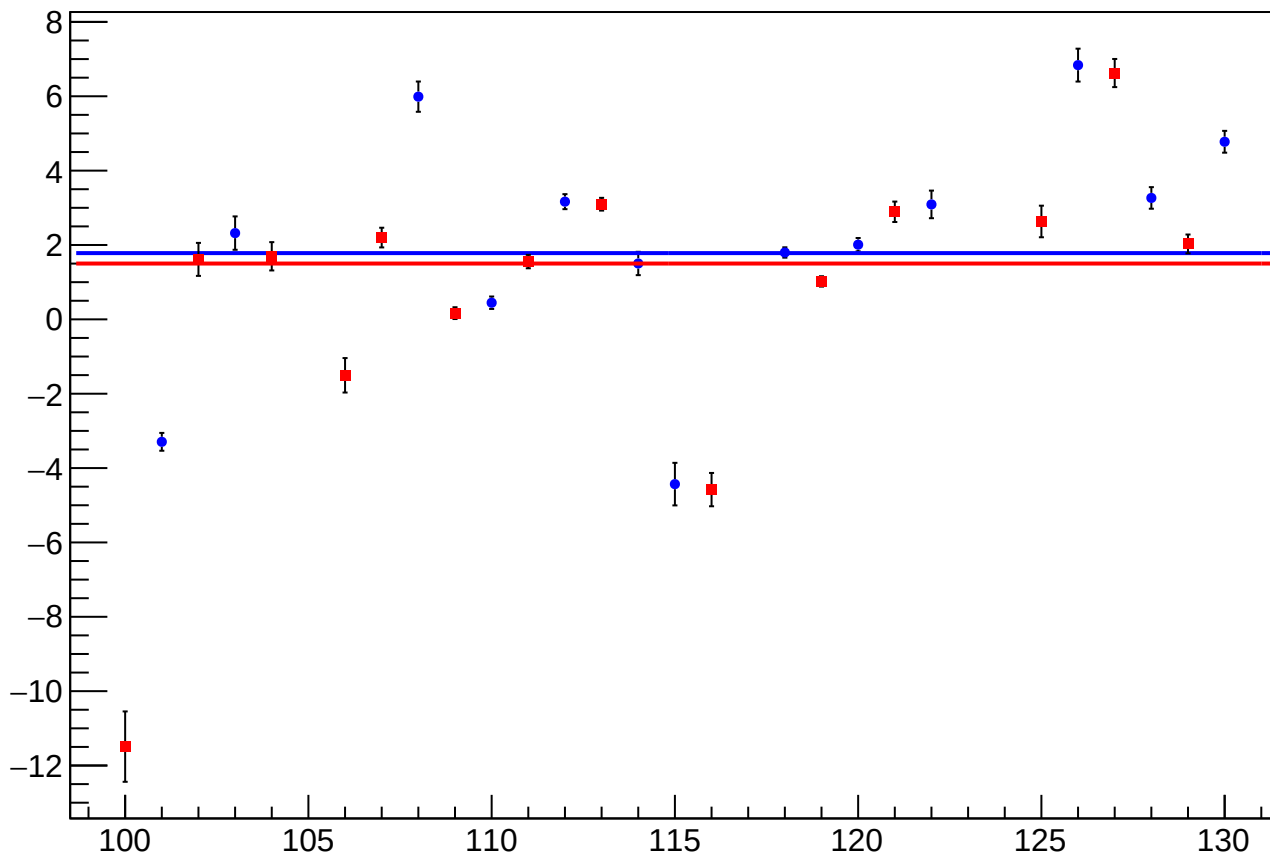
Right: -4.912+/-0.038 χ^2 /NDF: 102153.5/26

In: -6.737+/-0.061 χ^2 /NDF:40786.5/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -4.912+/-0.038 χ^2 /NDF: 102153.5/26

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.782+/-0.067 χ^2/NDF : 1060.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.501+/-0.065 χ^2/NDF : 811.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

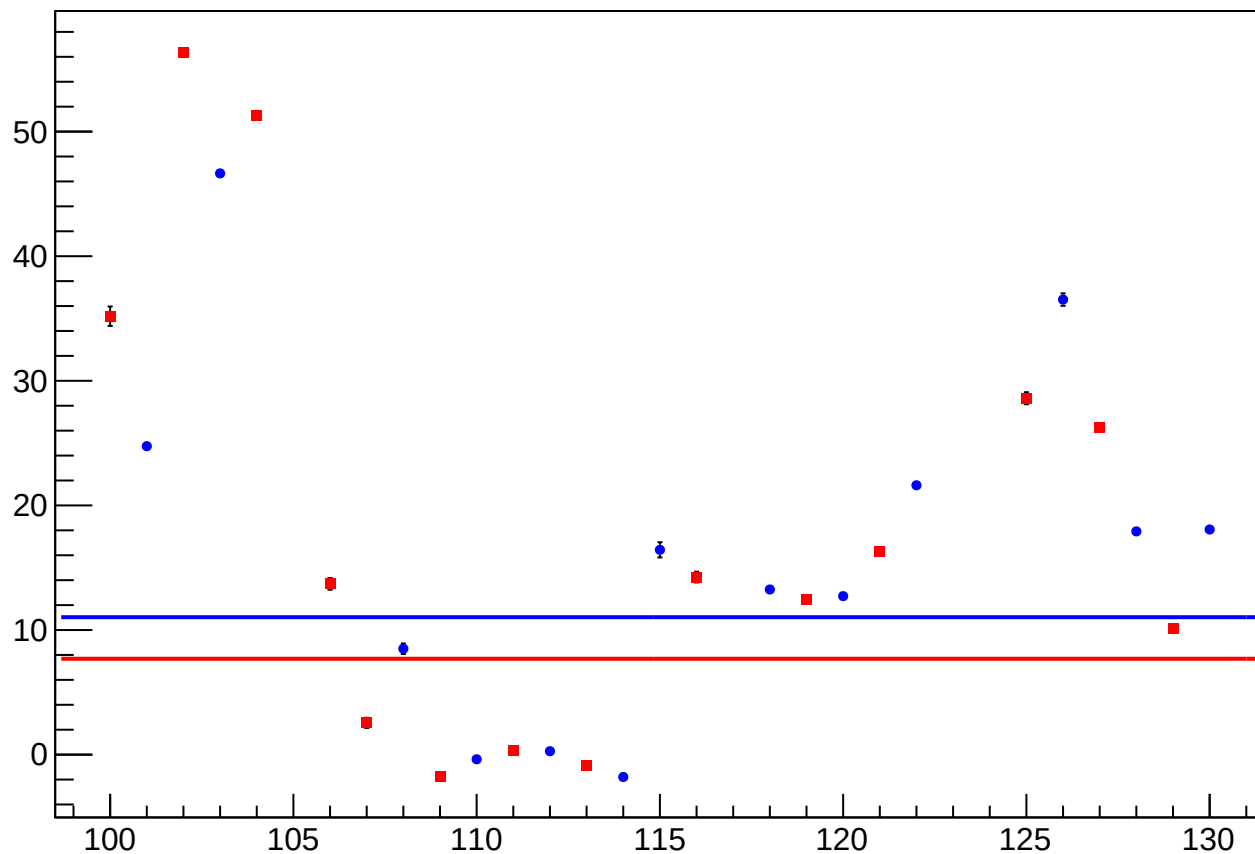
Right: 1.637+/-0.047 χ^2/NDF : 1881.0/26

In: 1.782+/-0.067 χ^2/NDF : 1060.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.637+/-0.047 χ^2/NDF : 1881.0/26

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.029+/-0.074 χ^2/NDF : 29906.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.695+/-0.066 χ^2/NDF : 50036.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

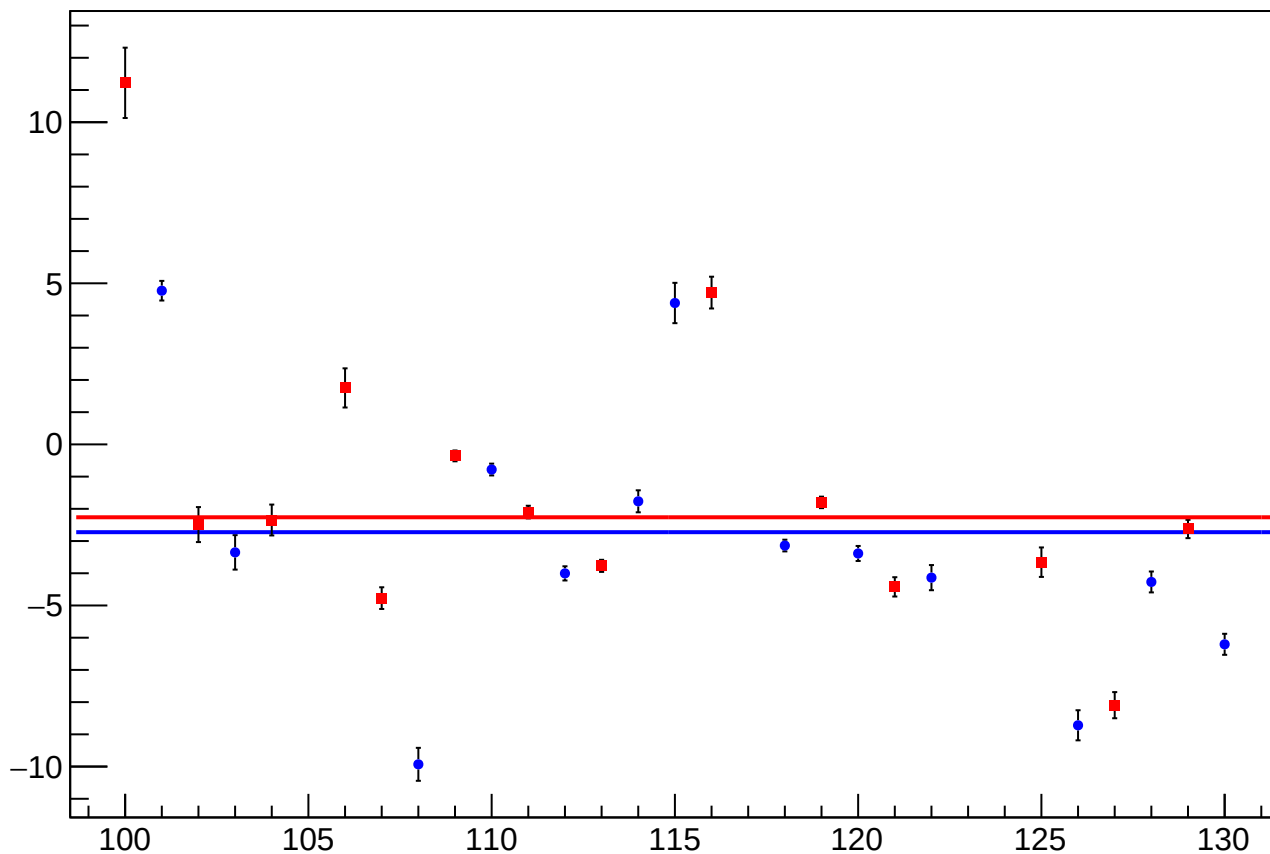
Right: 9.172+/-0.049 χ^2/NDF : 81064.0/26

In: 11.029+/-0.074 χ^2/NDF : 29906.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.172+/-0.049 χ^2/NDF : 81064.0/26

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.725+/-0.079 χ^2/NDF : 1415.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.262+/-0.075 χ^2/NDF : 921.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

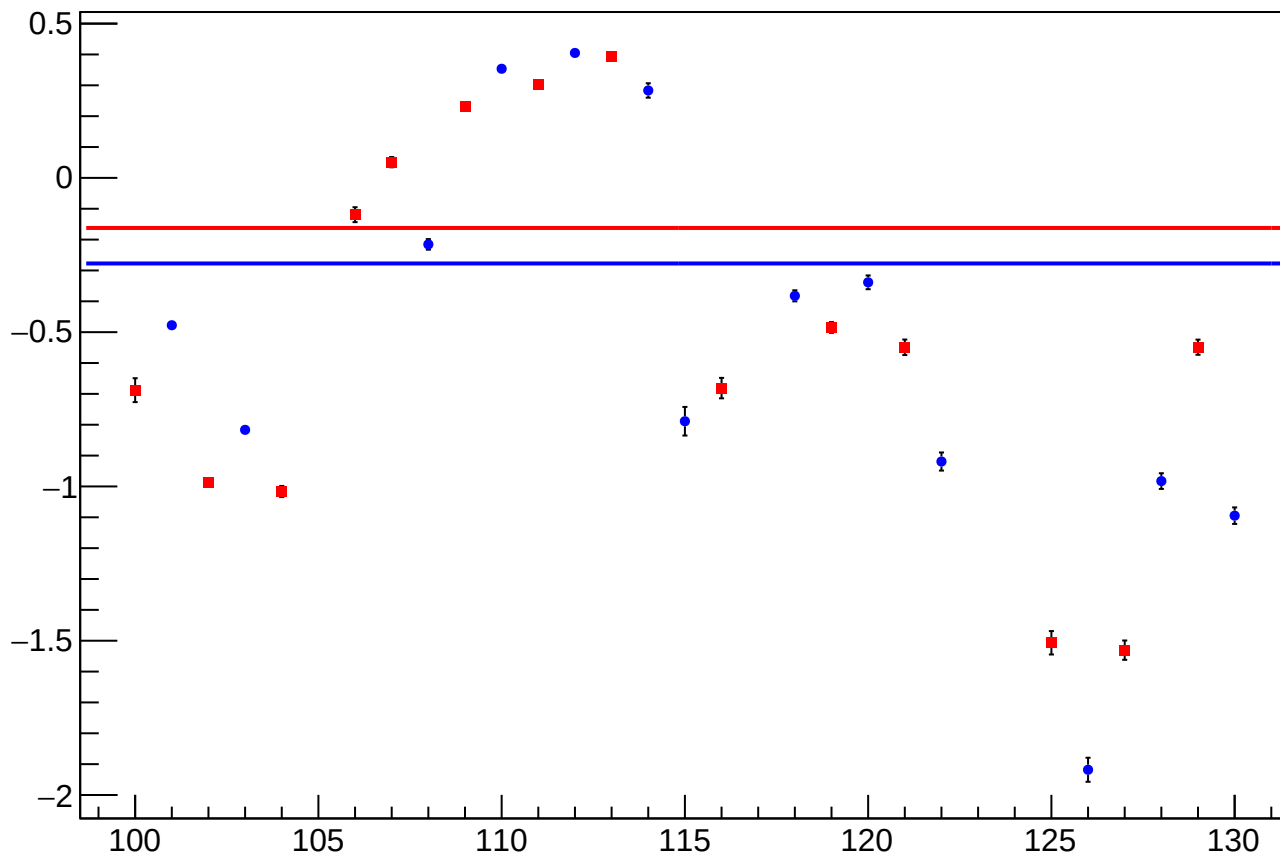
Right: -2.479+/-0.054 χ^2/NDF : 2354.8/26

In: -2.725+/-0.079 χ^2/NDF : 1415.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.479+/-0.054 χ^2/NDF : 2354.8/26

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.277 ± 0.005 $\chi^2/\text{NDF}: 11148.6/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.162 ± 0.005 $\chi^2/\text{NDF}: 14754.2/13$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

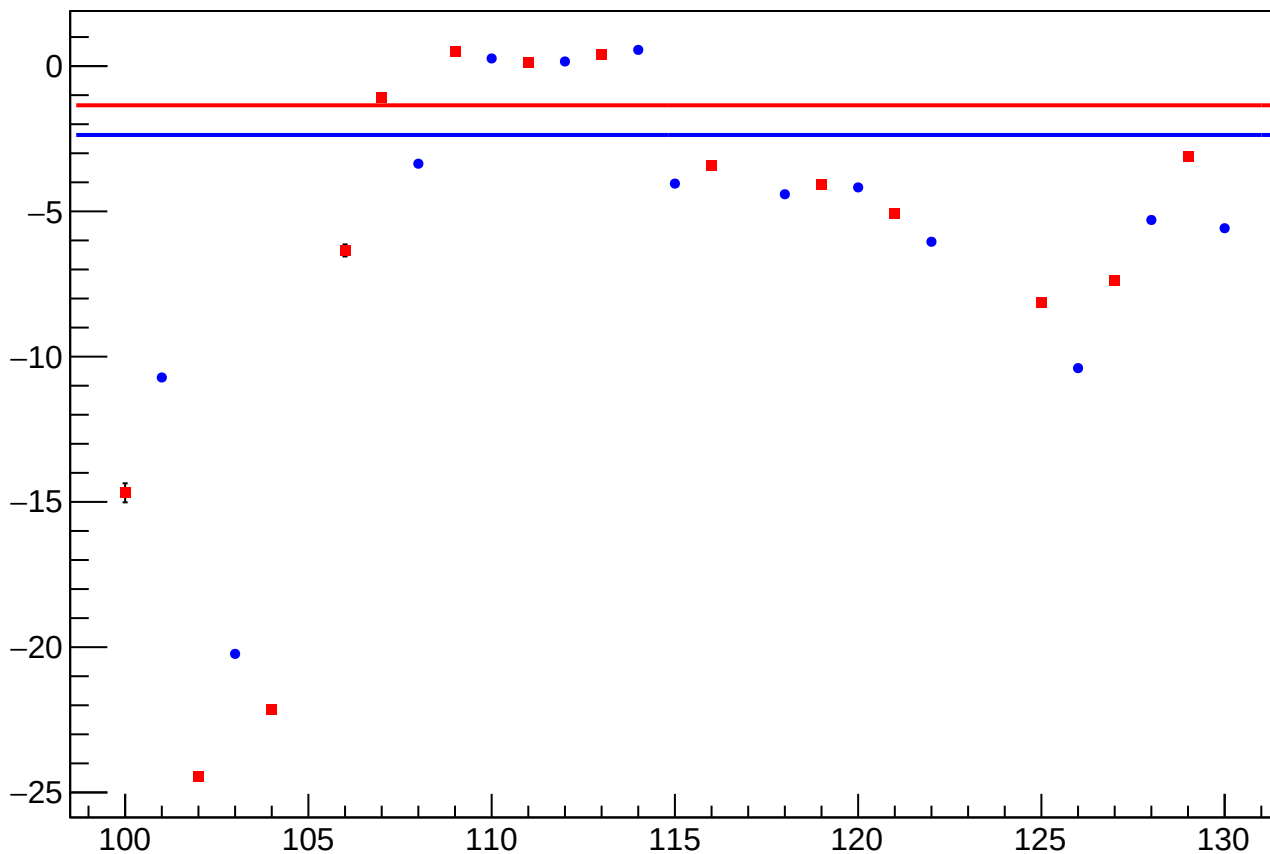
Right: -0.214 ± 0.003 $\chi^2/\text{NDF}: 26174.1/26$

In: -0.277 ± 0.005 $\chi^2/\text{NDF}: 11148.6/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.214 ± 0.003 $\chi^2/\text{NDF}: 26174.1/26$

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.370+/-0.021 χ^2/NDF : 39637.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.349+/-0.017 χ^2/NDF : 58485.5/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

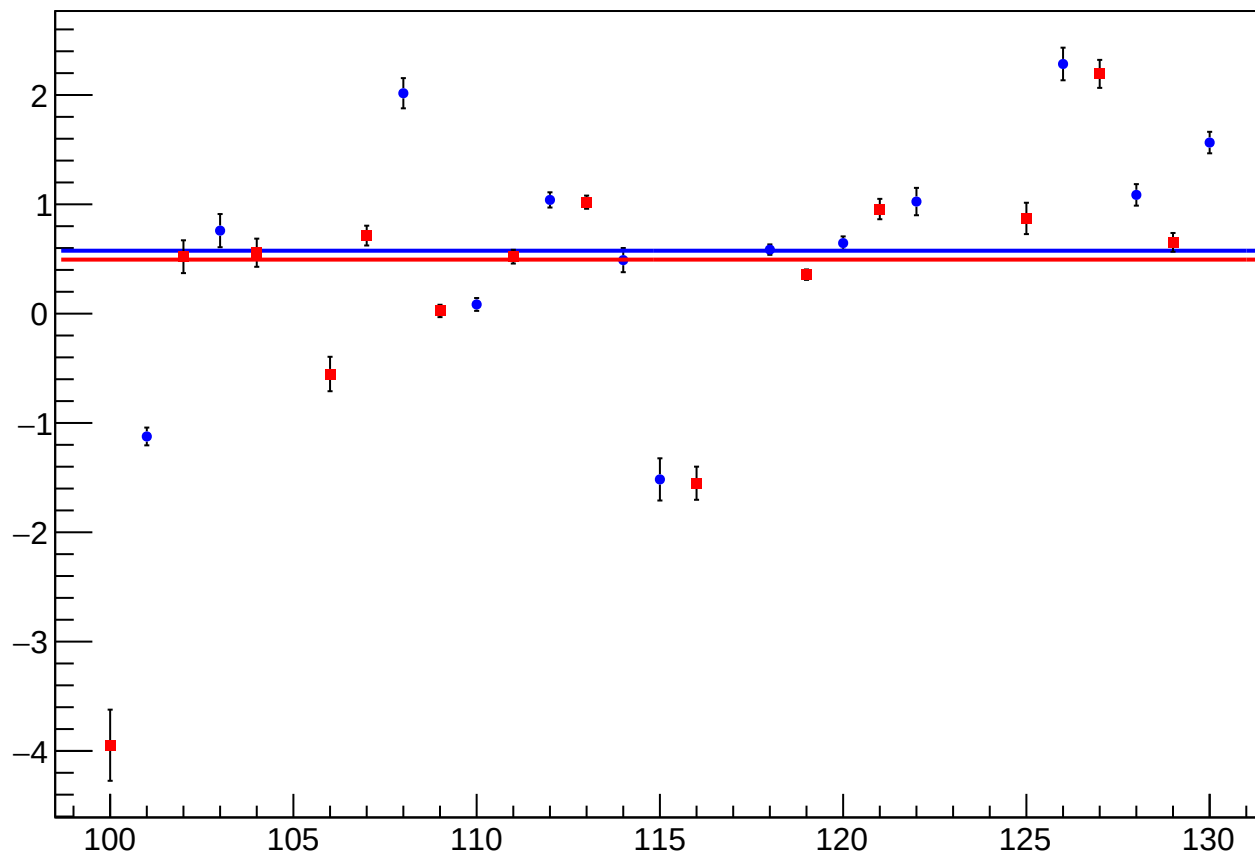
Right: -1.766+/-0.013 χ^2/NDF : 99531.0/26

In: -2.370+/-0.021 χ^2/NDF :39637.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.766+/-0.013 χ^2/NDF : 99531.0/26

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.576+/-0.023 χ^2/NDF : 1052.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.494+/-0.023 χ^2/NDF : 783.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

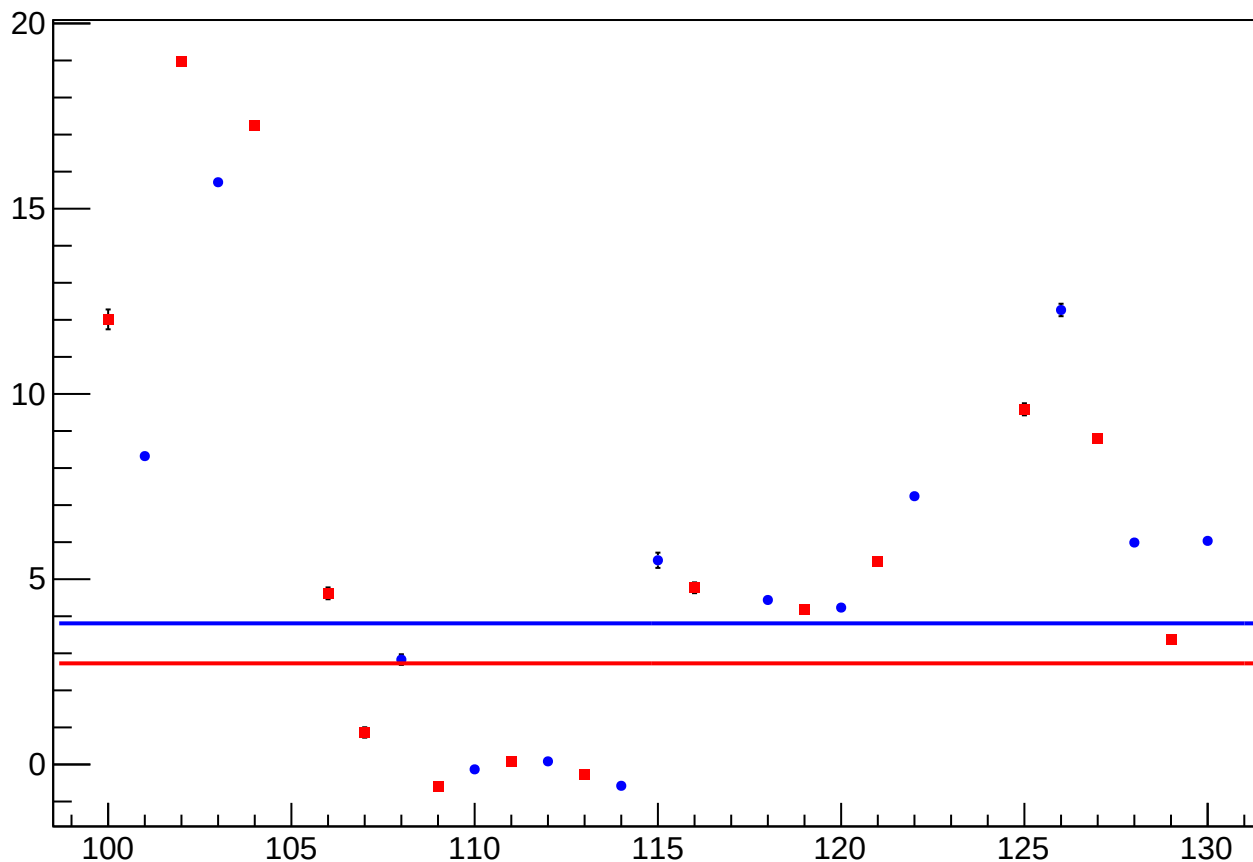
Right: 0.534+/-0.016 χ^2/NDF : 1842.6/26

In: 0.576+/-0.023 χ^2/NDF : 1052.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.534+/-0.016 χ^2/NDF : 1842.6/26

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.808+/-0.026 χ^2/NDF : 28887.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.729+/-0.023 χ^2/NDF : 48593.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

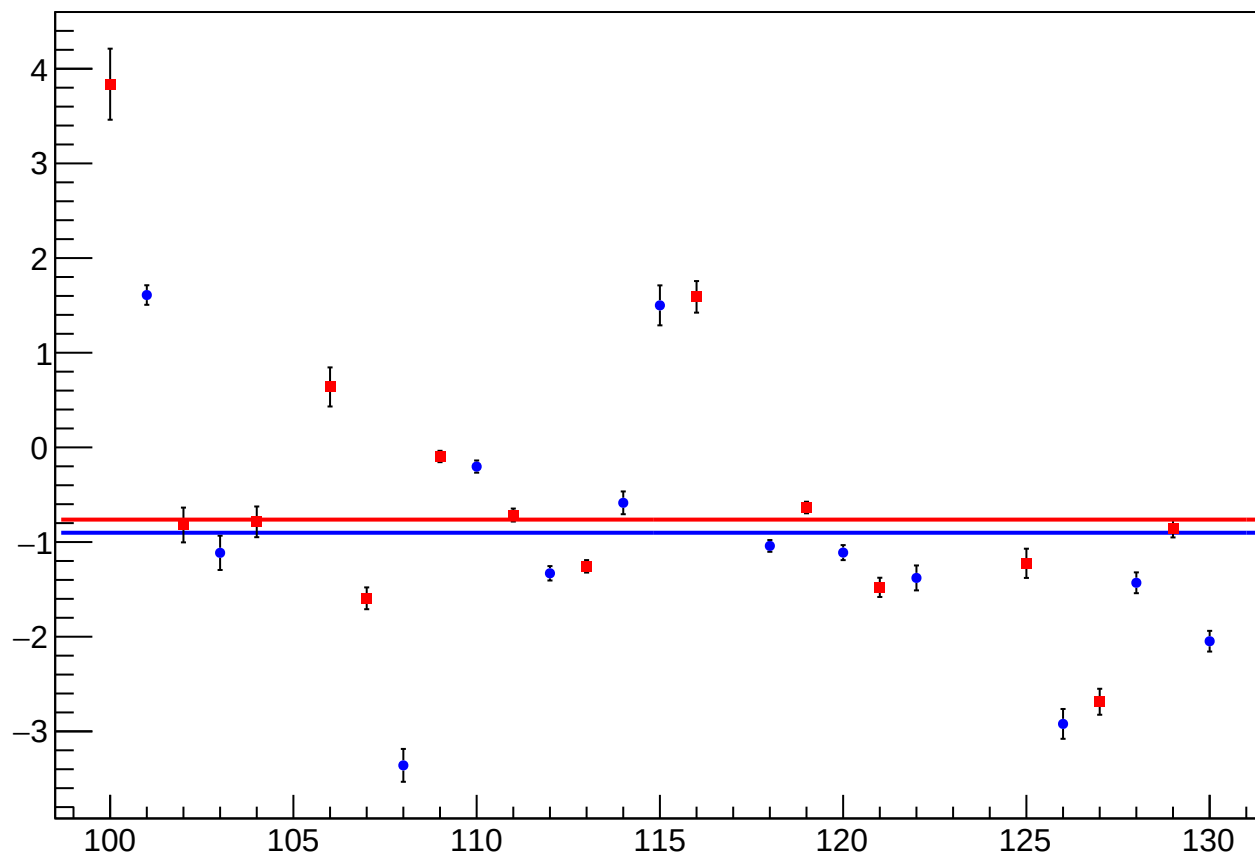
Right: 3.213+/-0.017 χ^2/NDF : 78465.4/26

In: 3.808+/-0.026 χ^2/NDF : 28887.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.213+/-0.017 χ^2/NDF : 78465.4/26

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.902 ± 0.027 χ^2/NDF : 1400.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.763 ± 0.026 χ^2/NDF : 888.1/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

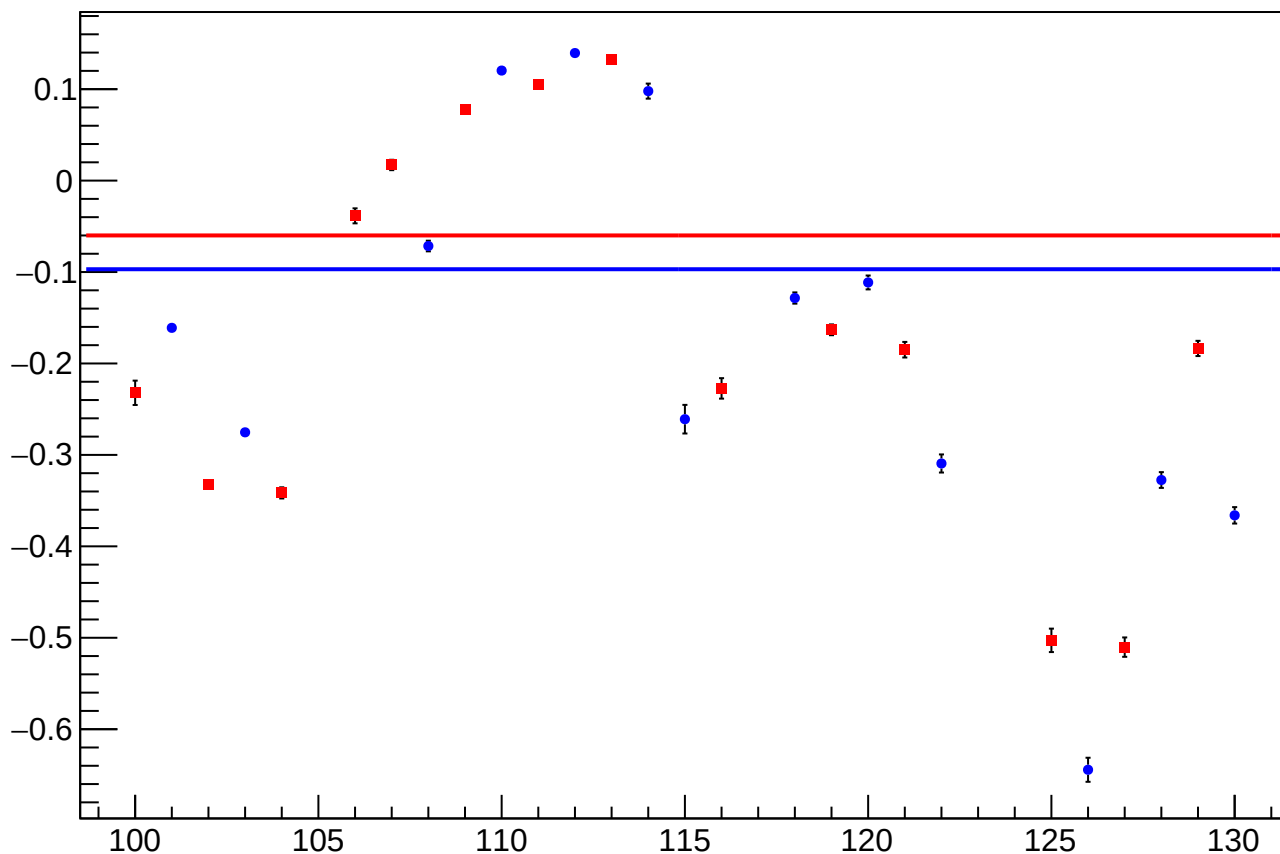
Right: -0.829 ± 0.019 χ^2/NDF : 2302.7/26

In: -0.902 ± 0.027 χ^2/NDF : 1400.9/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.829 ± 0.019 χ^2/NDF : 2302.7/26

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.097 ± 0.002 $\chi^2/\text{NDF}: 10809.8/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.060 ± 0.002 $\chi^2/\text{NDF}: 14180.3/13$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

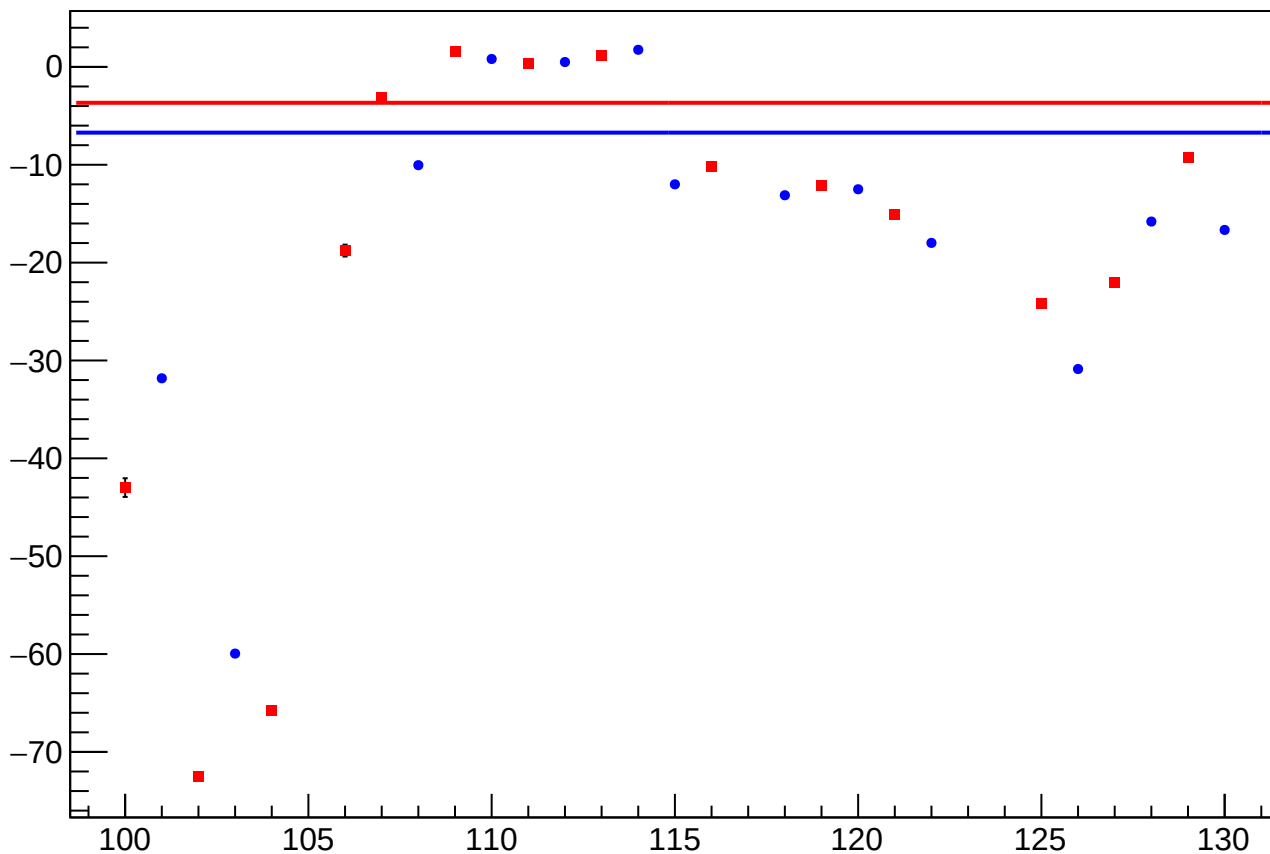
Right: -0.077 ± 0.001 $\chi^2/\text{NDF}: 25226.3/26$

In: -0.097 ± 0.002 $\chi^2/\text{NDF}: 10809.8/12$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.077 ± 0.001 $\chi^2/\text{NDF}: 25226.3/26$

reg_asym_bcm_an_us_an_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.716+/-0.061 χ^2/NDF : 40816.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.667+/-0.050 χ^2/NDF : 59881.7/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

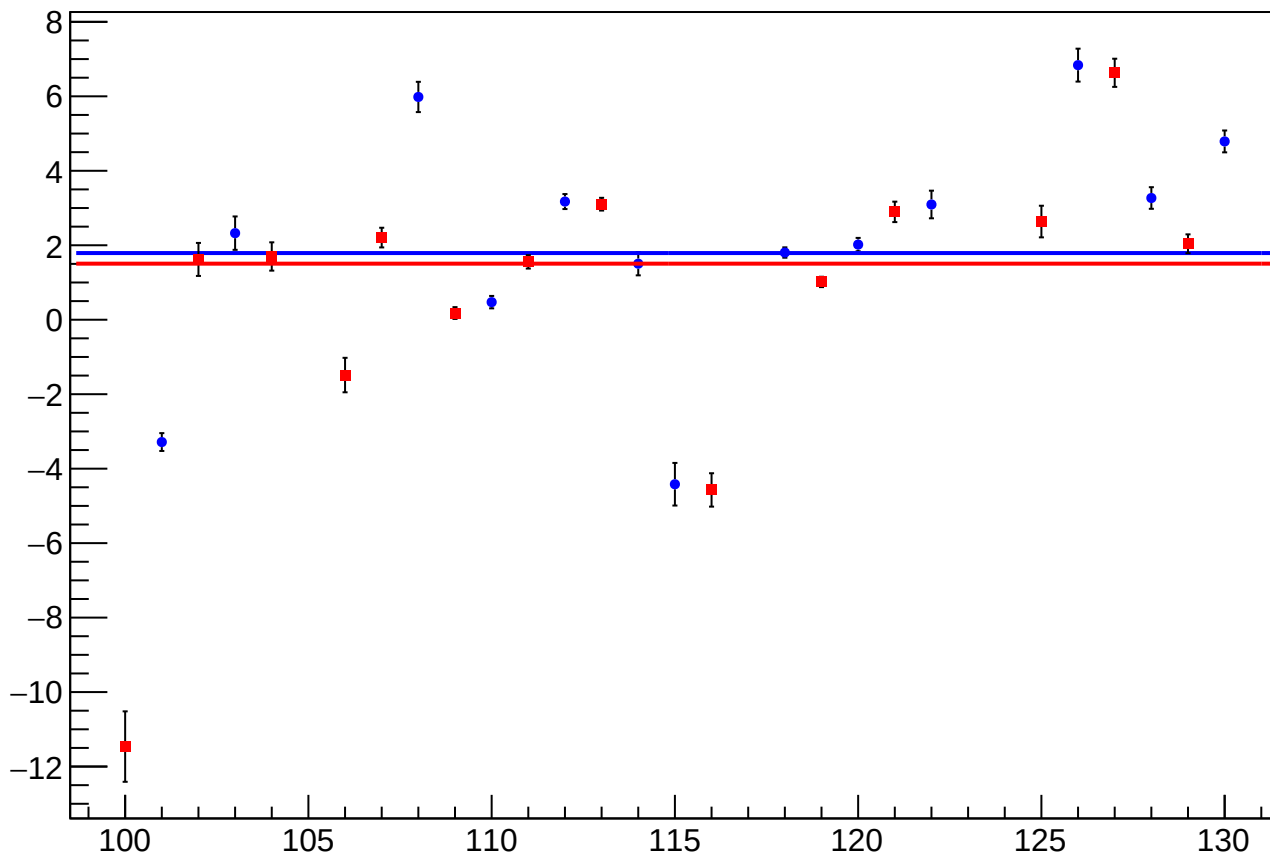
Right: -4.894+/-0.038 χ^2/NDF : 102215.2/26

In: -6.716+/-0.061 χ^2/NDF :40816.9/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.894+/-0.038 χ^2/NDF : 102215.2/26

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.791+/-0.067 χ^2/NDF : 1059.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.506+/-0.065 χ^2/NDF : 811.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

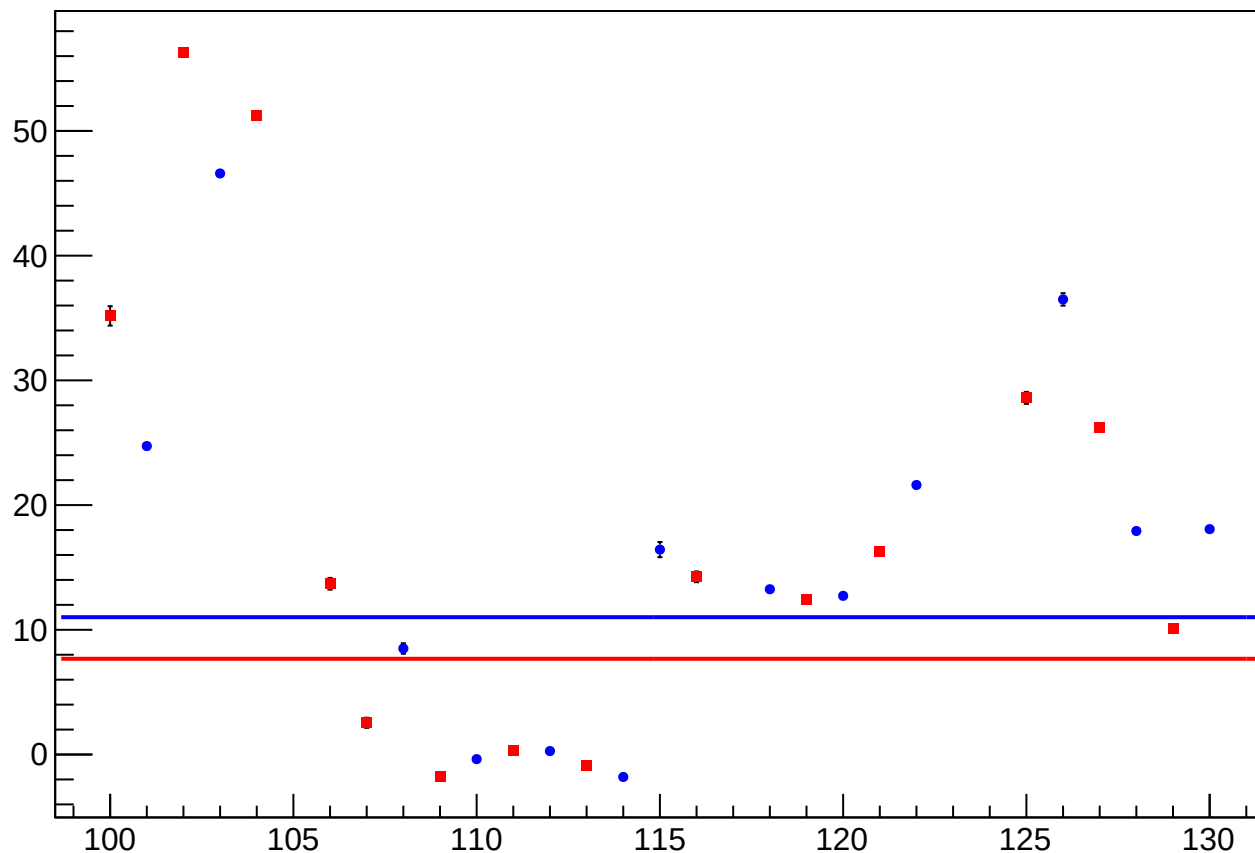
Right: 1.644+/-0.047 χ^2/NDF : 1879.8/26

In: 1.791+/-0.067 χ^2/NDF : 1059.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.644+/-0.047 χ^2/NDF : 1879.8/26

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.011+/-0.074 χ^2/NDF : 29934.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.677+/-0.066 χ^2/NDF : 50068.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

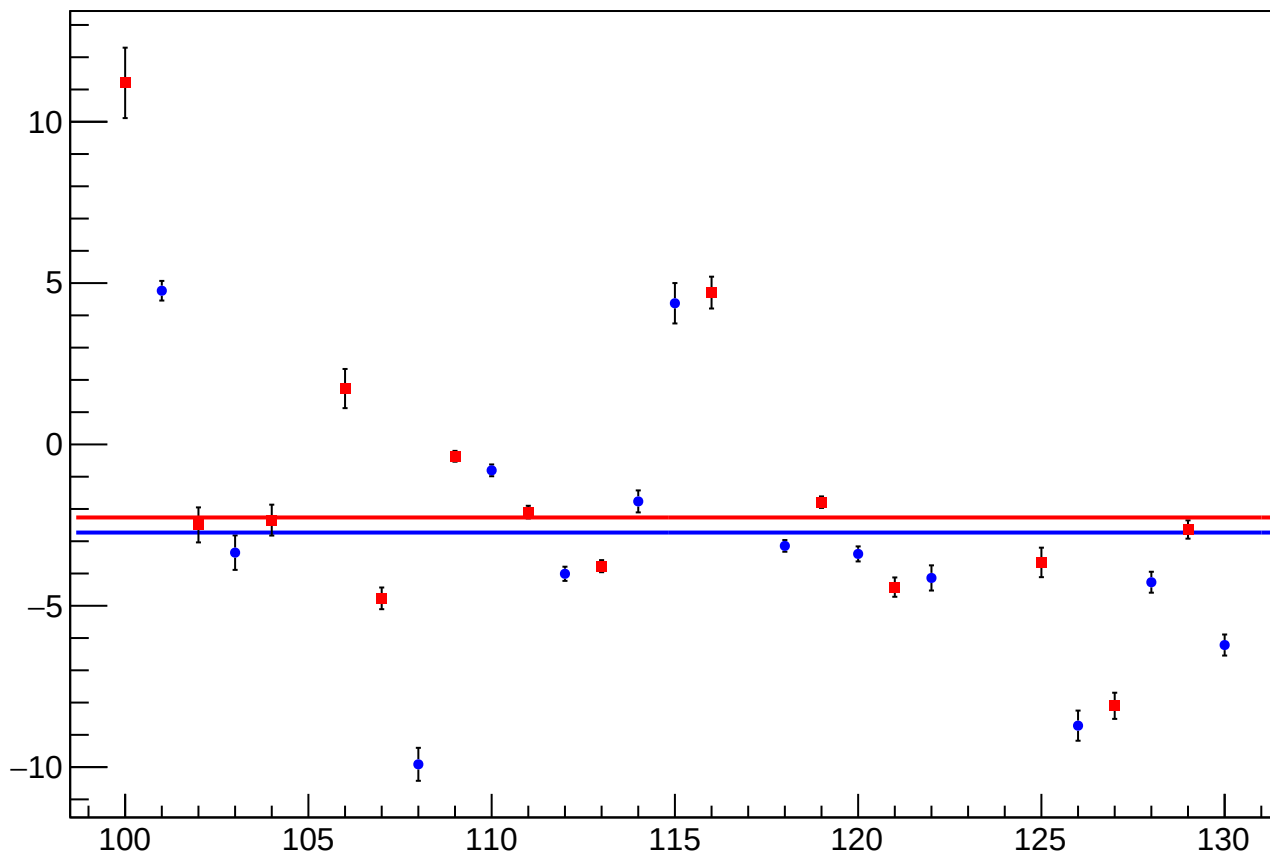
Right: 9.153+/-0.049 χ^2/NDF : 81126.3/26

In: 11.011+/-0.074 χ^2/NDF : 29934.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.153+/-0.049 χ^2/NDF : 81126.3/26

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.731+/-0.079 χ^2/NDF : 1413.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.263+/-0.074 χ^2/NDF : 921.6/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

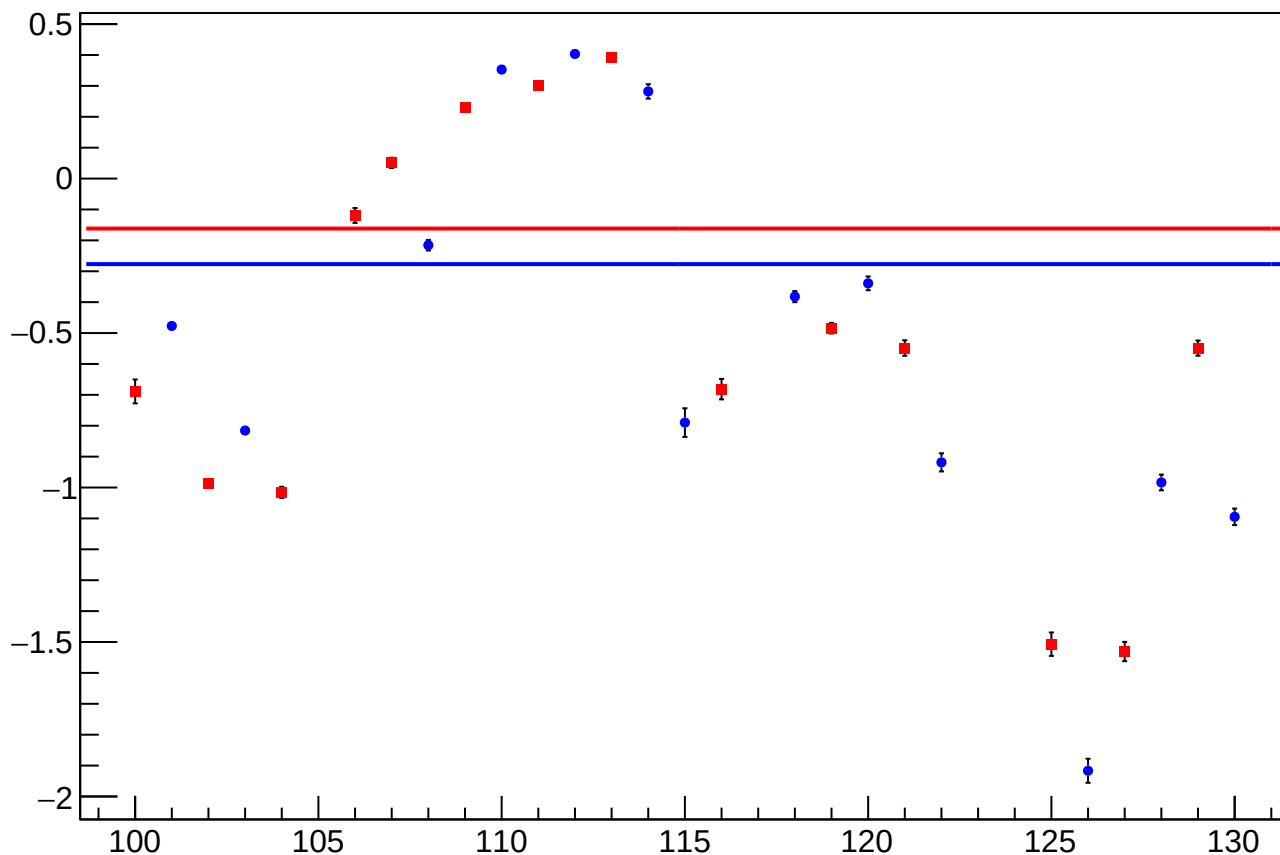
Right: -2.482+/-0.054 χ^2/NDF : 2353.5/26

In: -2.731+/-0.079 χ^2/NDF :1413.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.482+/-0.054 χ^2/NDF : 2353.5/26

reg_asym_bcm_an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.277+/-0.005 χ^2/NDF : 11148.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.162+/-0.005 χ^2/NDF : 14766.6/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

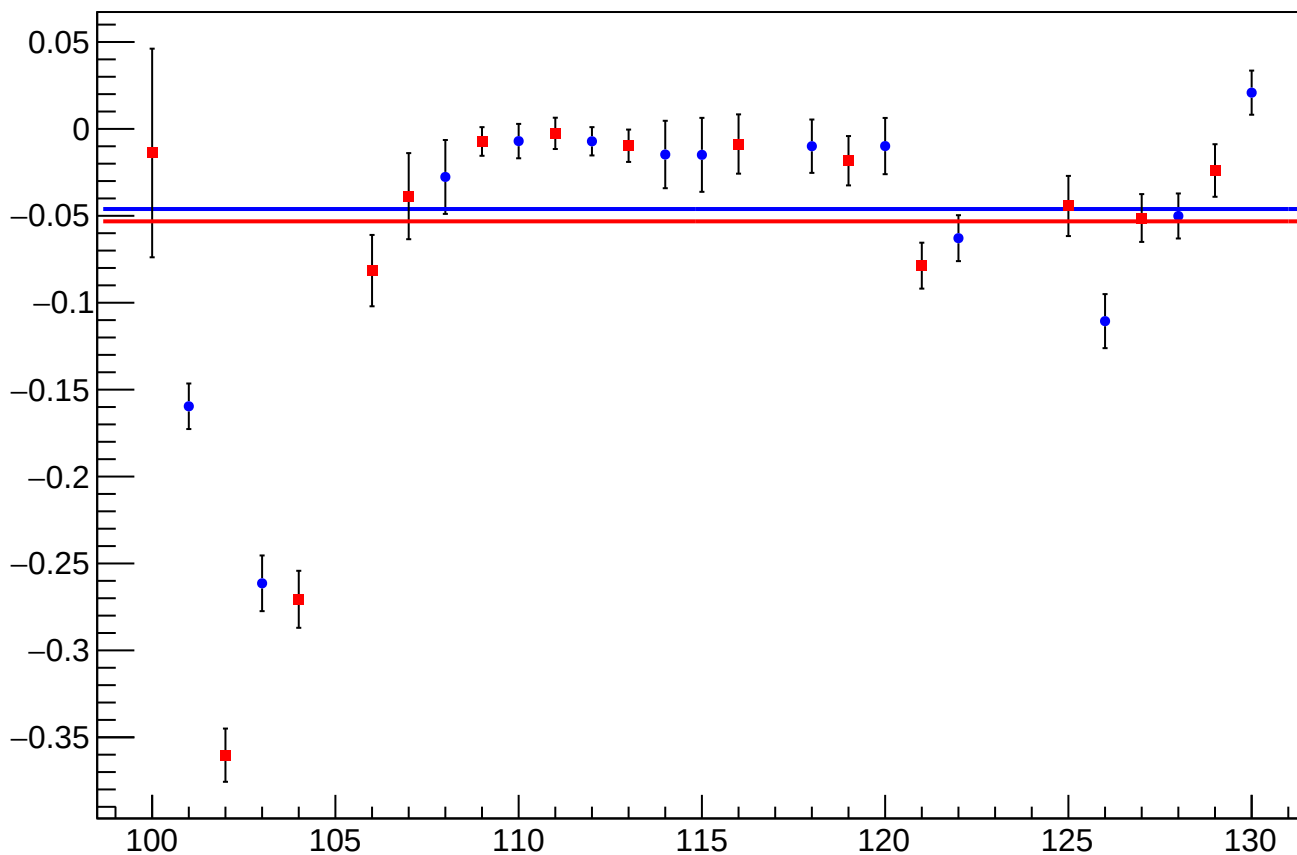
Right: -0.213+/-0.003 χ^2/NDF : 26186.7/26

In: -0.277+/-0.005 χ^2/NDF :11148.0/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.213+/-0.003 χ^2/NDF : 26186.7/26

reg_asym_bcm_an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.046+/-0.004 χ^2 /NDF: 357.0/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.053+/-0.004 χ^2 /NDF: 685.8/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

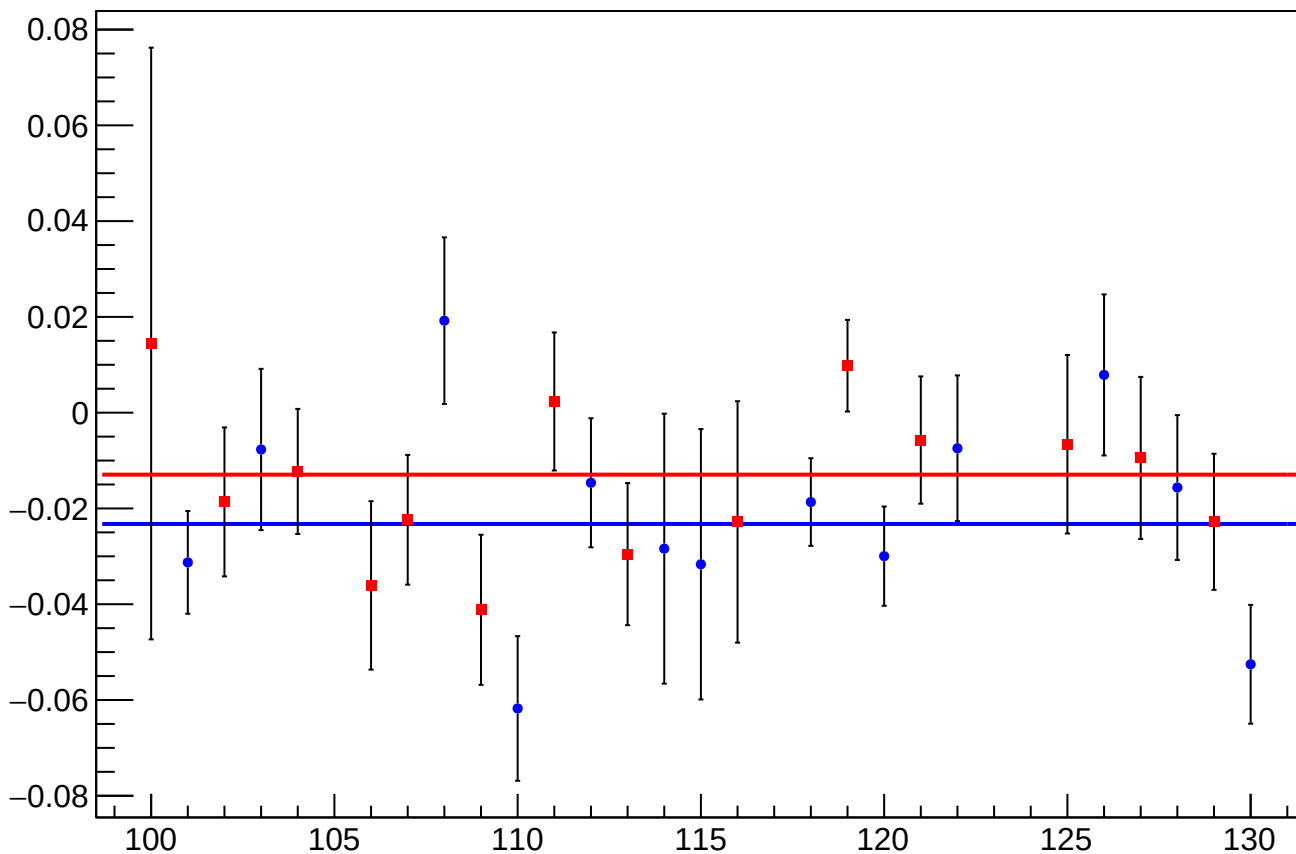
Right: -0.050+/-0.003 χ^2 /NDF: 1044.7/26

In: -0.046+/-0.004 χ^2 /NDF:357.0/12

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.050+/-0.003 χ^2 /NDF: 1044.7/26

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023+/-0.004 χ^2/NDF : 25.4/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.013+/-0.004 χ^2/NDF : 14.9/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

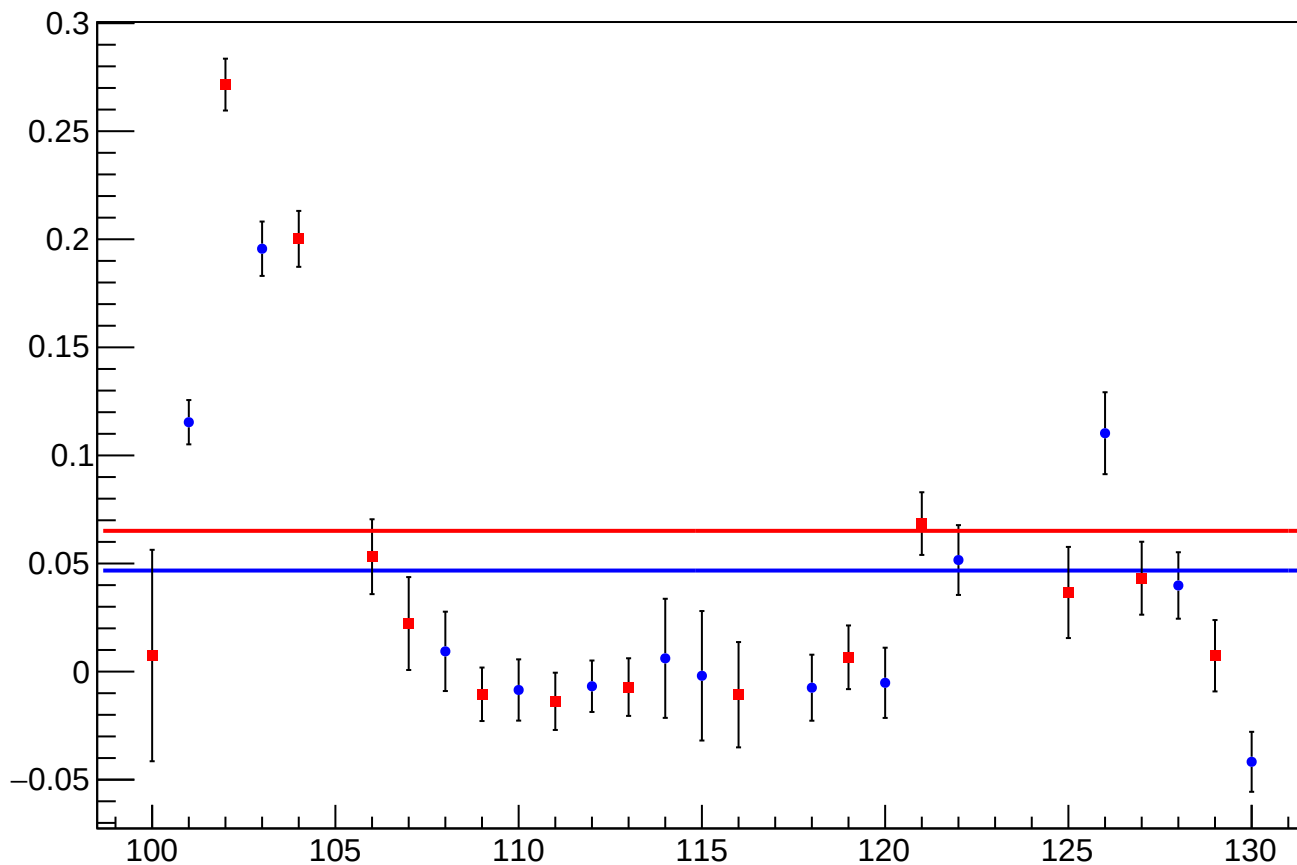
Right: -0.018+/-0.003 χ^2/NDF : 43.7/26

In: -0.023+/-0.004 χ^2/NDF :25.4/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.018+/-0.003 χ^2/NDF : 43.7/26

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.047 $\pm$ 0.004 χ^2 /NDF: 304.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.065 $\pm$ 0.004 χ^2 /NDF: 554.6/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

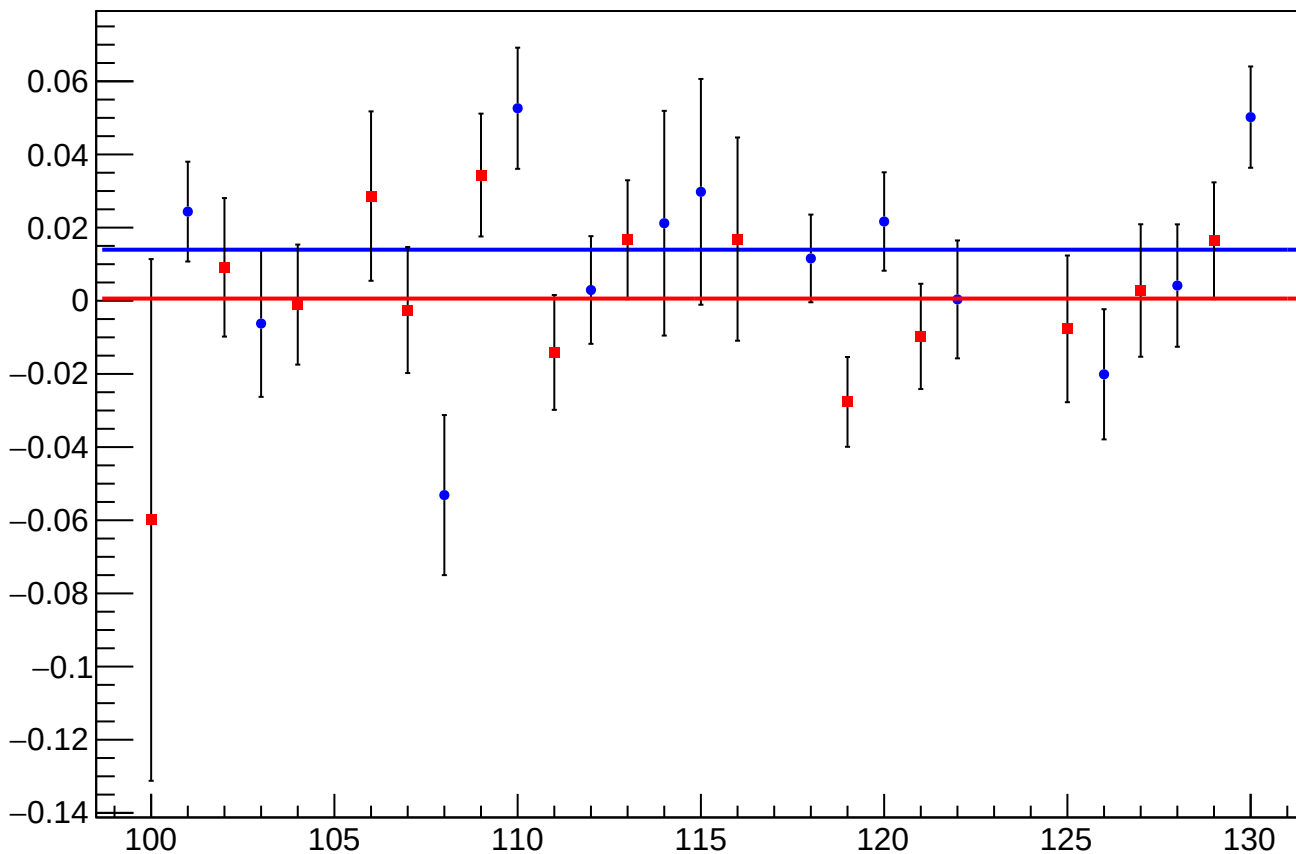
Right: 0.056 $\pm$ 0.003 χ^2 /NDF: 868.6/26

In: 0.047 $\pm$ 0.004 χ^2 /NDF:304.4/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.056 $\pm$ 0.003 χ^2 /NDF: 868.6/26

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.014+/-0.005 χ^2/NDF : 29.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.005 χ^2/NDF : 15.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

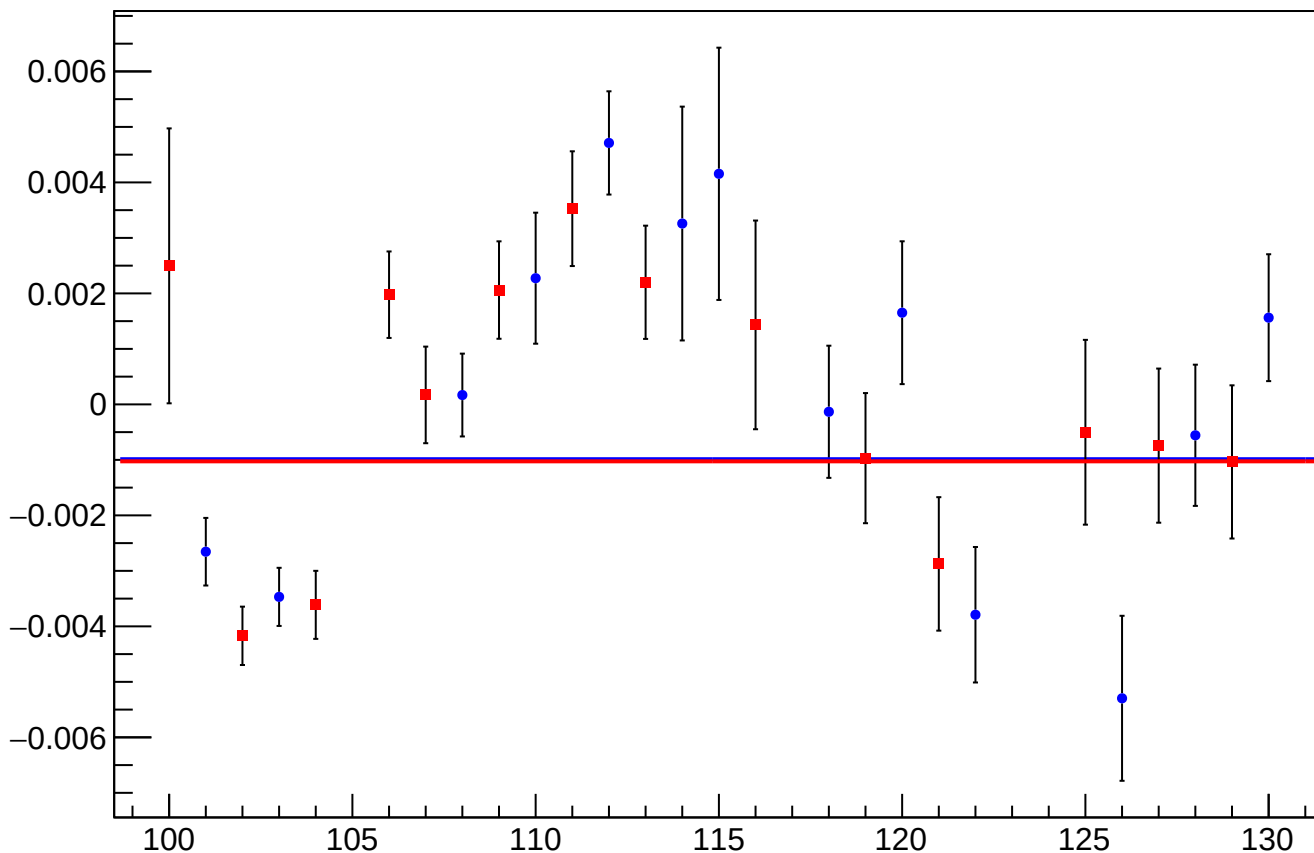
Right: 0.008+/-0.003 χ^2/NDF : 49.1/26

In: 0.014+/-0.005 χ^2/NDF : 29.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.003 χ^2/NDF : 49.1/26

reg_asym_bcm_an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.001+/-0.000 χ^2/NDF : 110.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.001+/-0.000 χ^2/NDF : 118.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

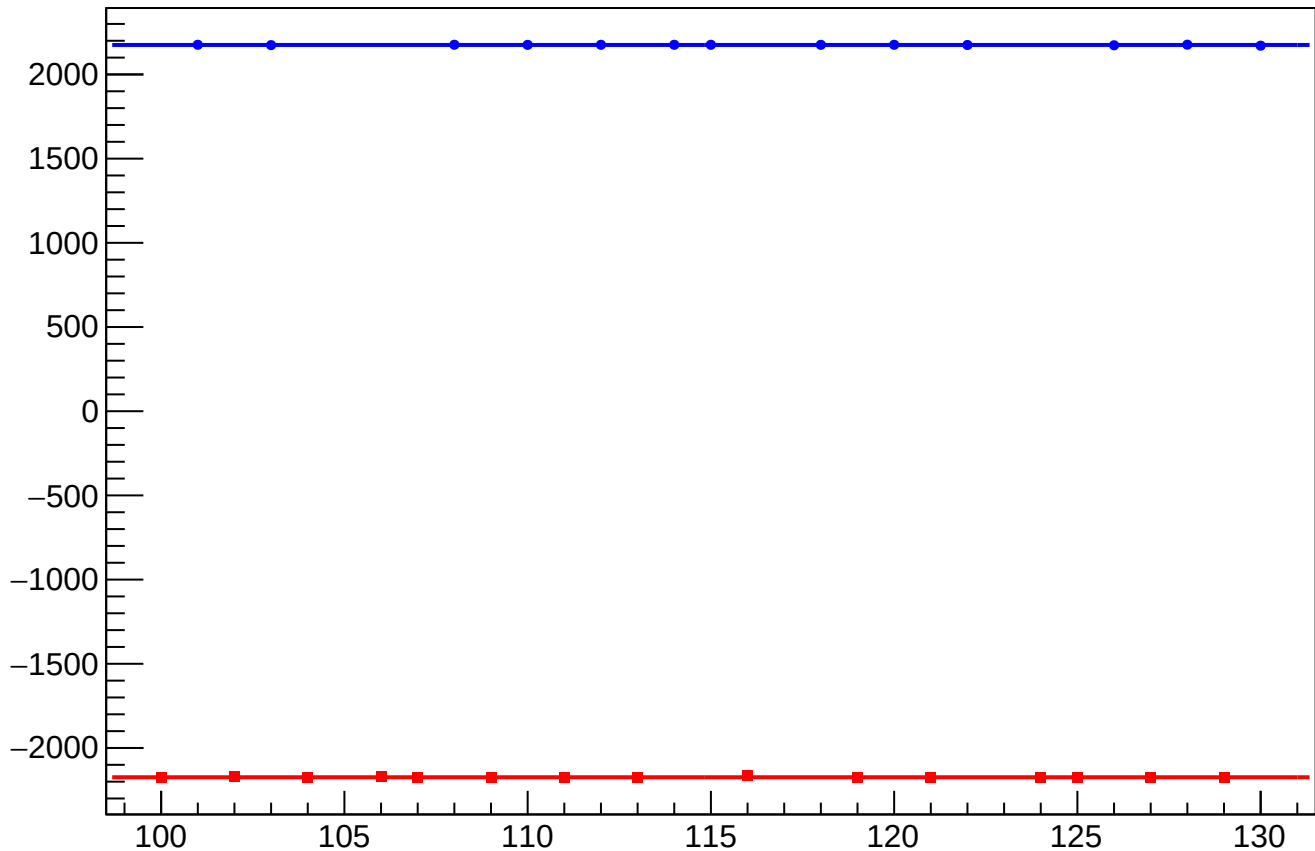
Right: -0.001+/-0.000 χ^2/NDF : 228.5/26

In: -0.001+/-0.000 χ^2/NDF : 110.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

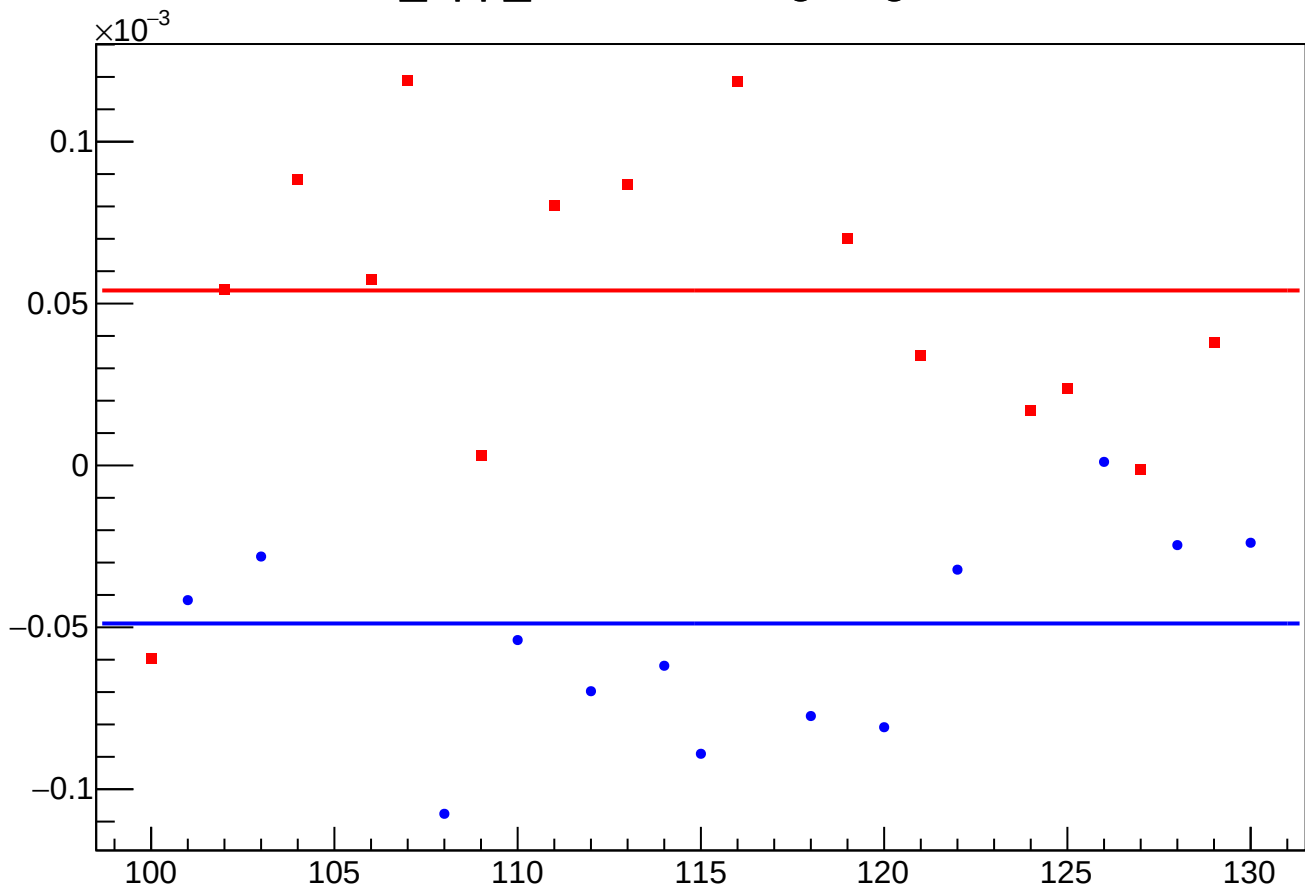
All: -0.001+/-0.000 χ^2/NDF : 228.5/26

HALLA_p_mean vs Slug, Sign Corrected



Right In: 2175.155+/-0.000 χ^2/NDF : 1650056545816131911090883025436672.0/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -2173.861+/-0.000 χ^2/NDF : 4685042861621607383357782549856256.0/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -64.236+/-0.000 χ^2/NDF : 554158134061789

HALLA_dpp_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000

χ^2/NDF : 483066589934822778470400.0/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000

χ^2/NDF : 824660570310311340408832.0/14

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.000+/-0.000

χ^2/NDF : 44075641619248090

In: -0.000+/-0.000

χ^2/NDF : 483066589934822778

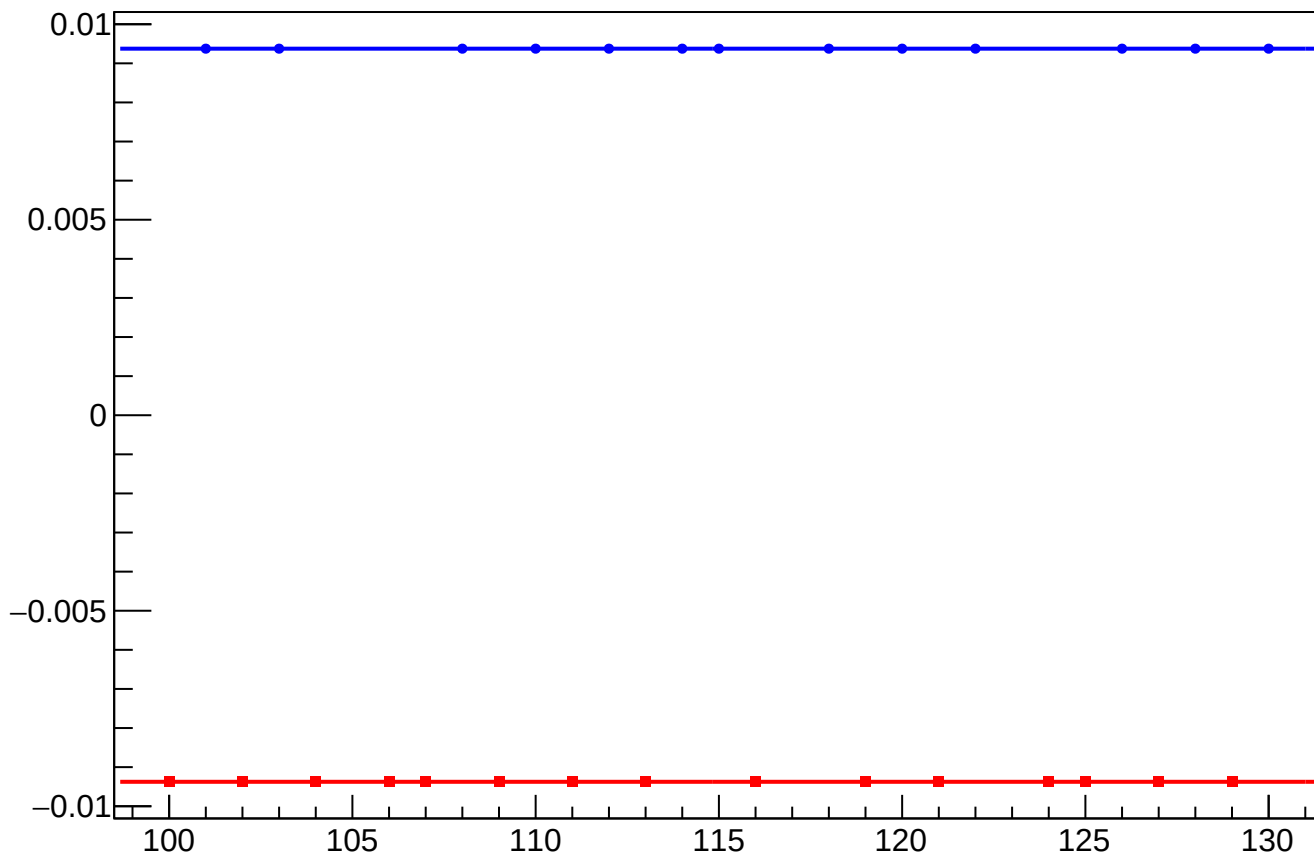
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.000+/-0.000

χ^2/NDF : 44075641619248

MQ171LM_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

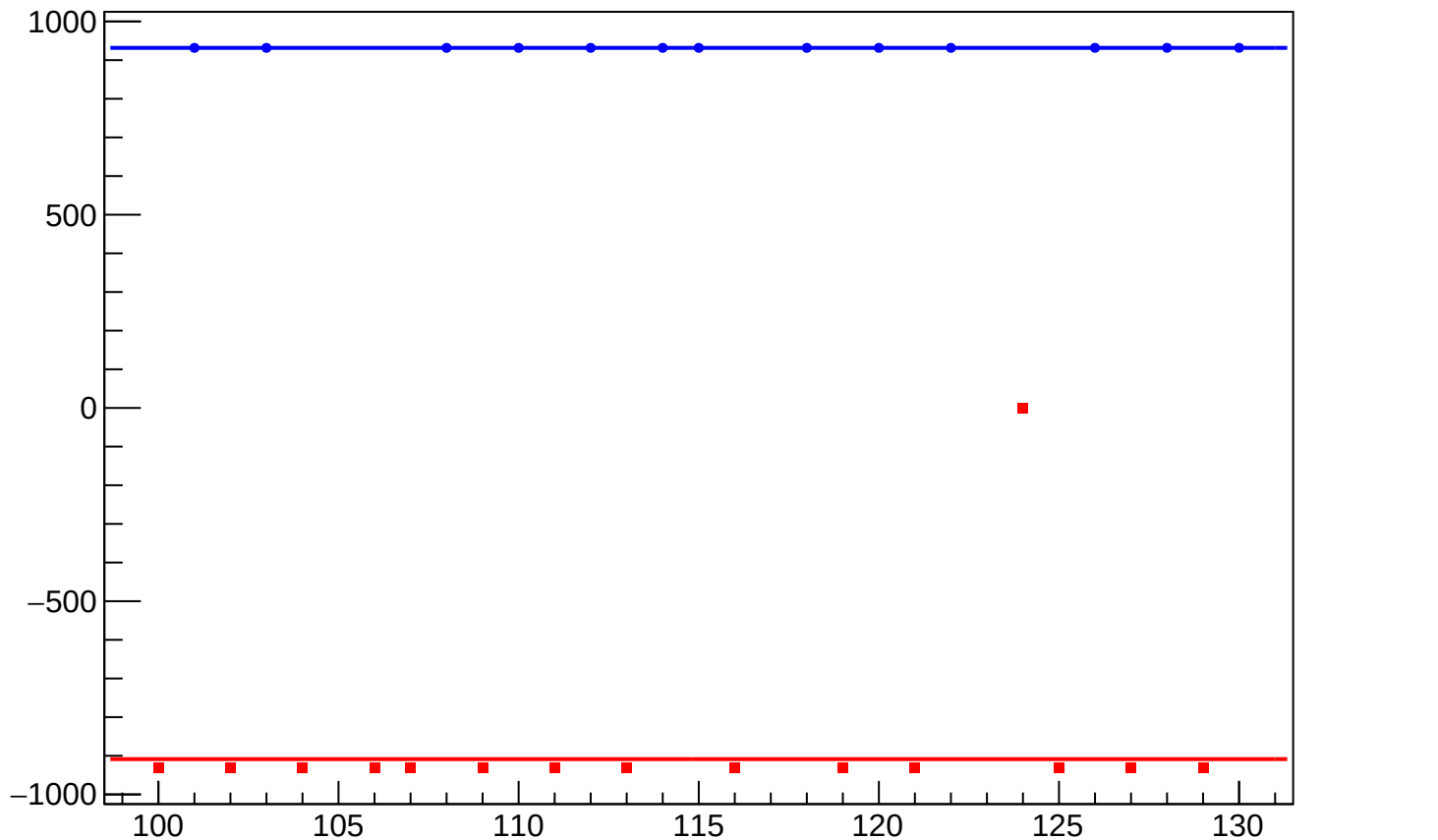
Right: -0.000+/-0.000 χ^2/NDF : 1030039162404091

In: 0.009+/-0.000 χ^2/NDF : 0.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

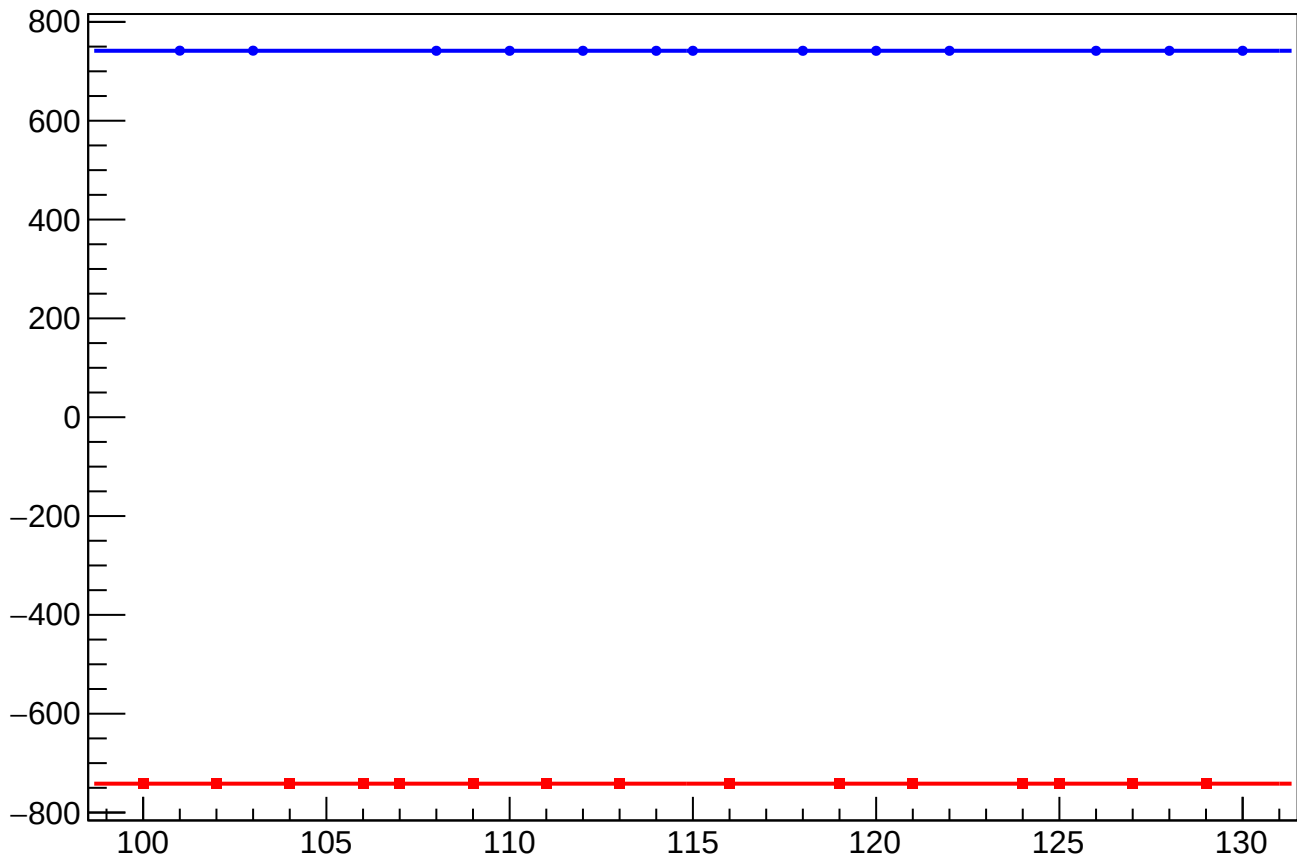
All: -0.000+/-0.000 χ^2/NDF : 1030039162404

HacL_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



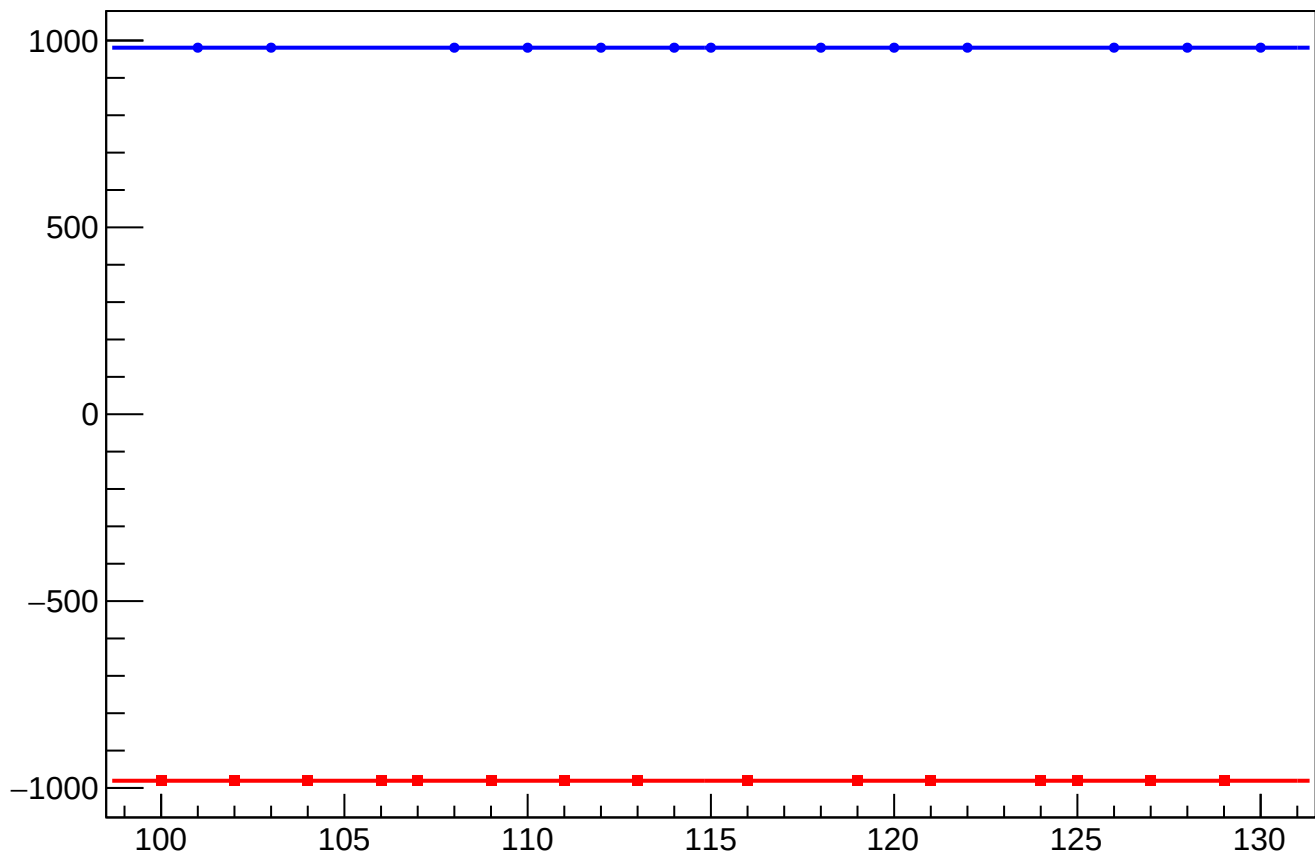
Right In: 931.745+/-0.000 χ^2/NDF : 1257862305878828706201916669952.0/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -908.603+/-0.000 χ^2/NDF : 12697882508090085157859827636112457728.0/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -15.885+/-0.000 χ^2/NDF : 100501675363600.0/12

HacL_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



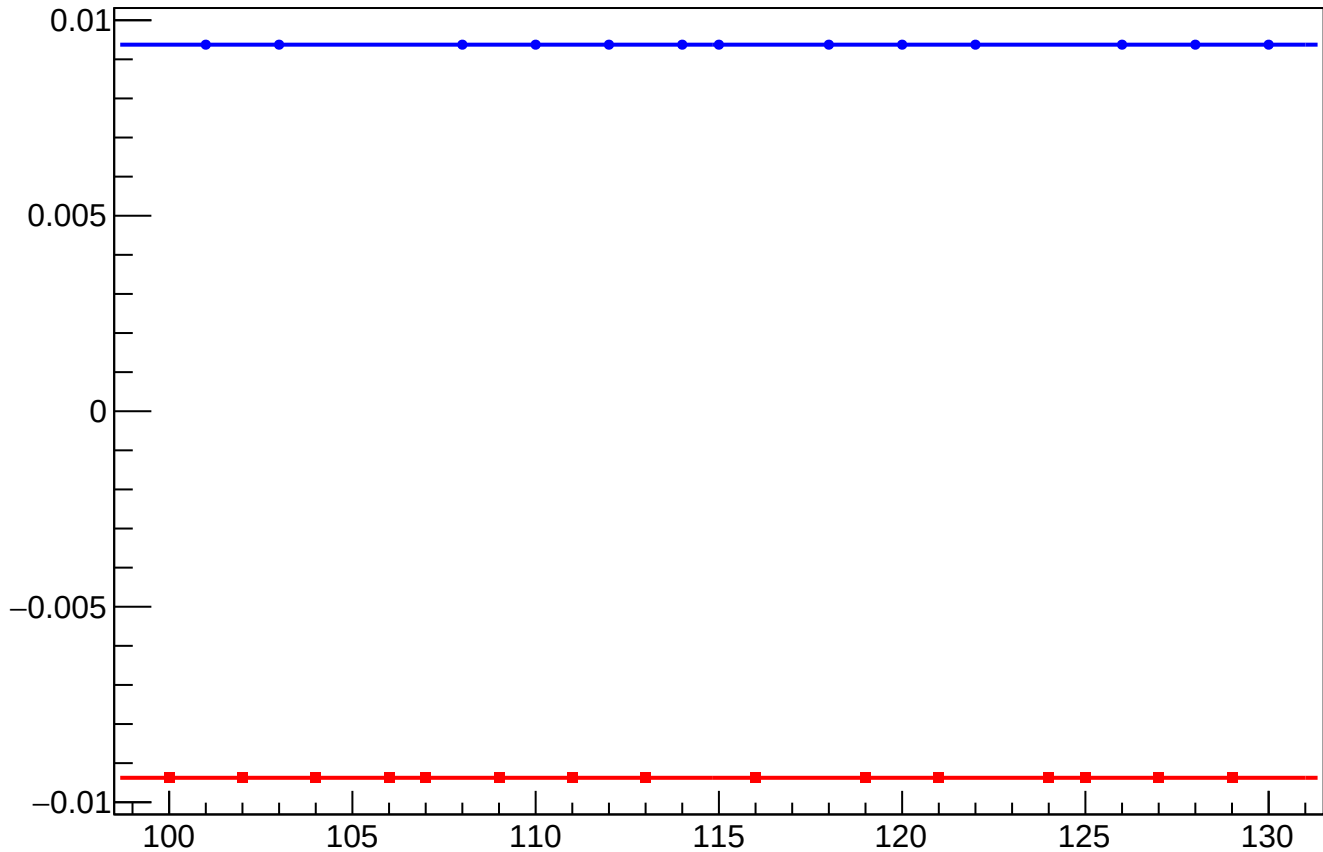
Right In: 741.580+/-0.000 χ^2/NDF : 6098220586764361468726145449984.0/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -741.589+/-0.000 χ^2/NDF : 7271142400924027334629259214848.0/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -22.132+/-0.000 χ^2/NDF : 644514415720373

HacL_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 980.795+/-0.000 χ^2/NDF : 521708003771899236099467247616.0/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -980.703+/-0.000 χ^2/NDF : 54529899148664031758155698405376.0/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -29.217+/-0.000 χ^2/NDF : 112726745727606

MQ172RM_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

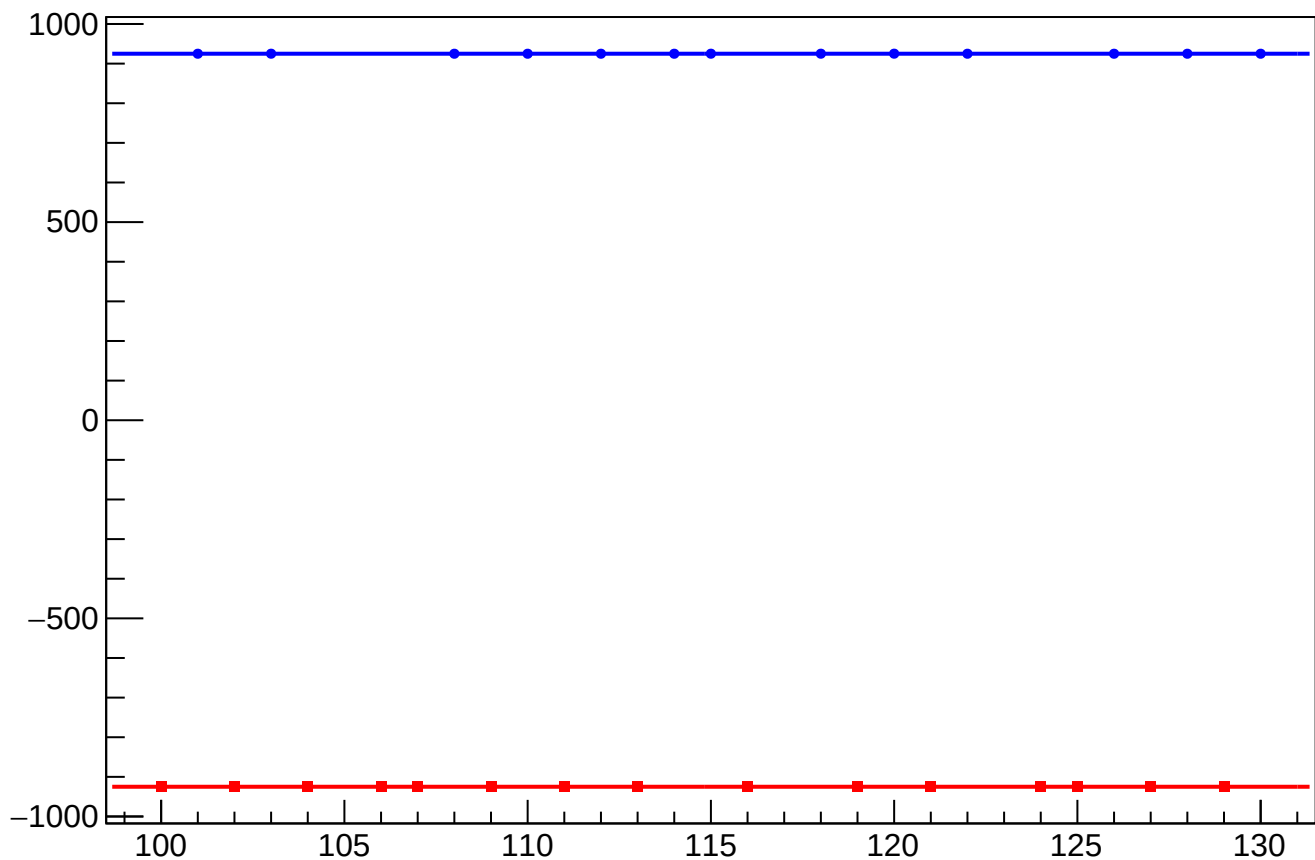
Right: -0.000+/-0.000 χ^2/NDF : 1030039162404091

In: 0.009+/-0.000 χ^2/NDF : 0.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

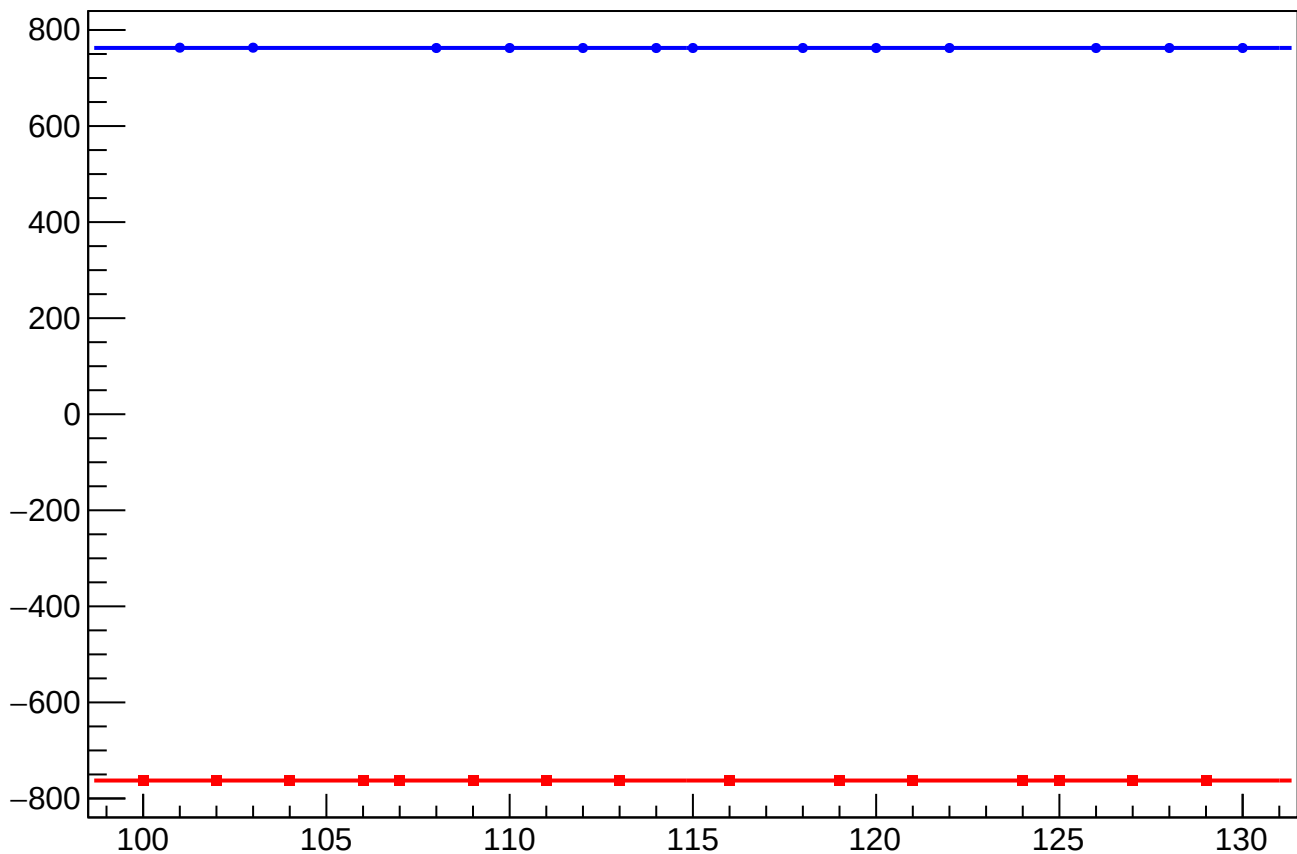
All: -0.000+/-0.000 χ^2/NDF : 1030039162404

HacR_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



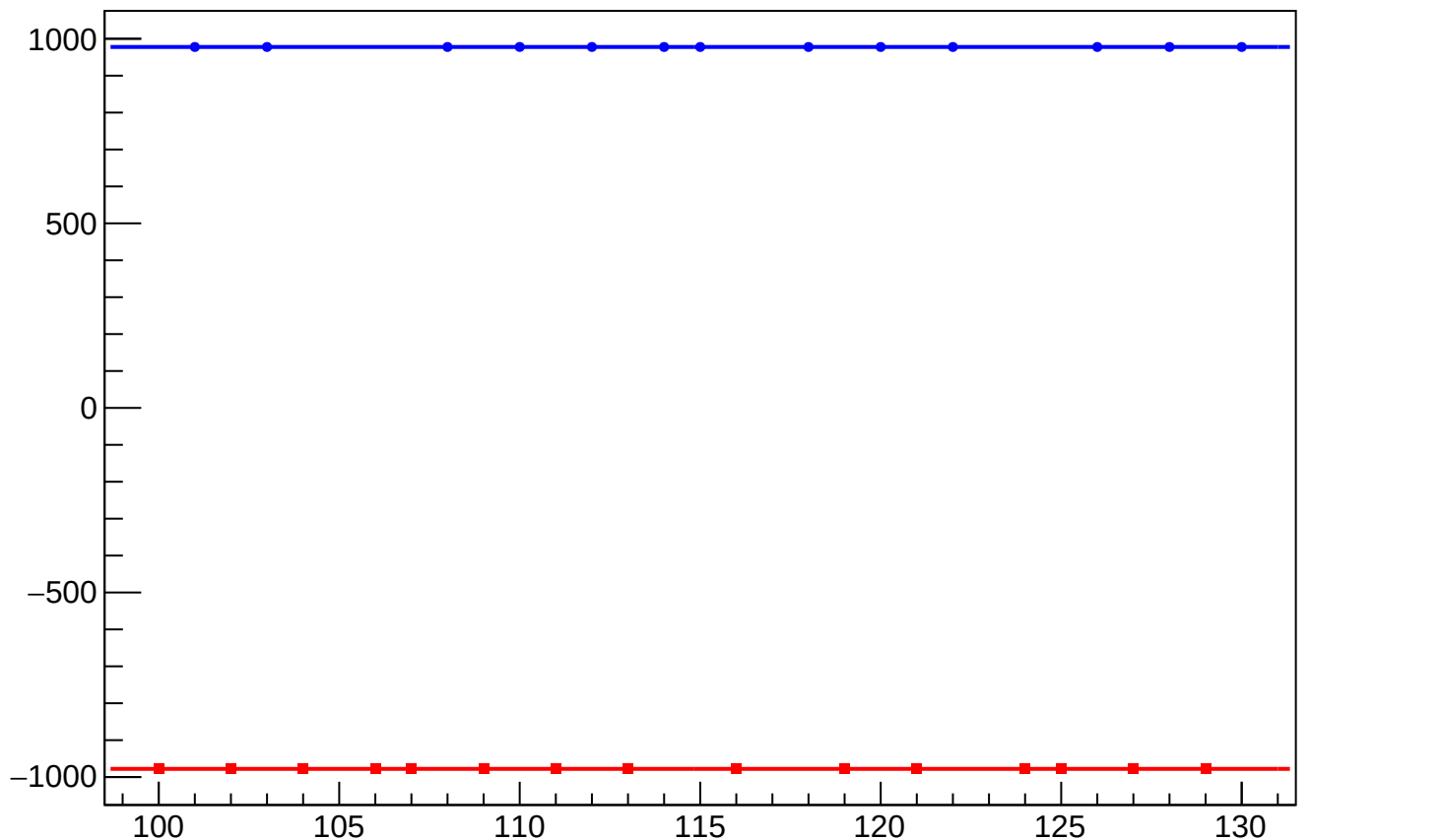
Right In: 924.976+/-0.000 χ^2/NDF : 988962055989349968405497643008.0/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -924.976+/-0.000 χ^2/NDF : 1165404475157354528180285734912.0/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -27.599+/-0.000 χ^2/NDF : 100270345535247.0/12

HacR_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



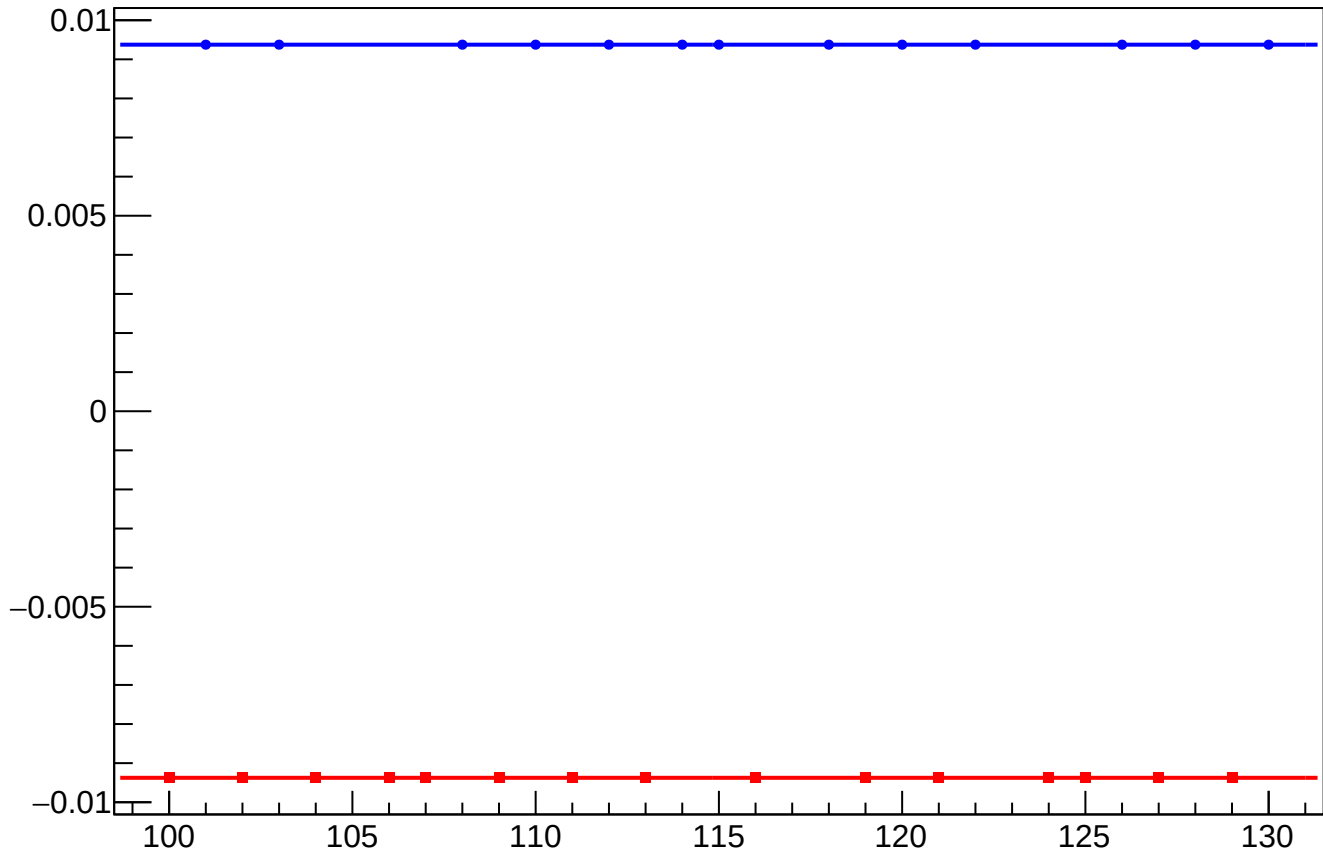
Right In: 762.655+/-0.000 χ^2/NDF : 46832660780038674290650923401216.0/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -762.649+/-0.000 χ^2/NDF : 50347233296841705394361344196608.0/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -22.753+/-0.000 χ^2/NDF : 681653788253930

HacR_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 977.752+/-0.000 χ^2/NDF : 296670407666735088059203715072.0/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -977.752+/-0.000 χ^2/NDF : 871016296987050962900020625408.0/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -29.174+/-0.000 χ^2/NDF : 112038894696361

hesDipole_current_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

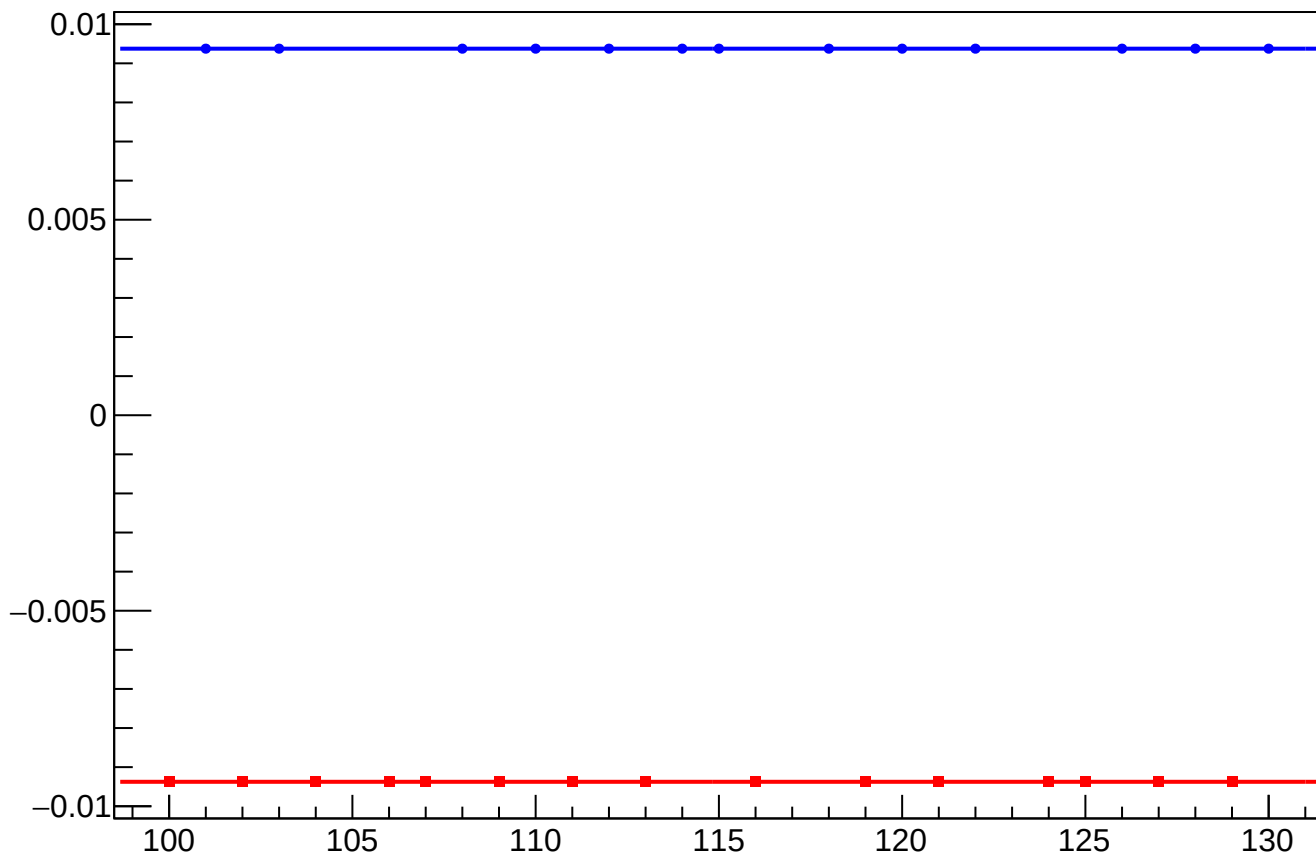
Right: -0.000+/-0.000 χ^2/NDF : 1030039162404091

In: 0.009+/-0.000 χ^2/NDF : 0.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1030039162404

MSUPERBIGBITereadcalc_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

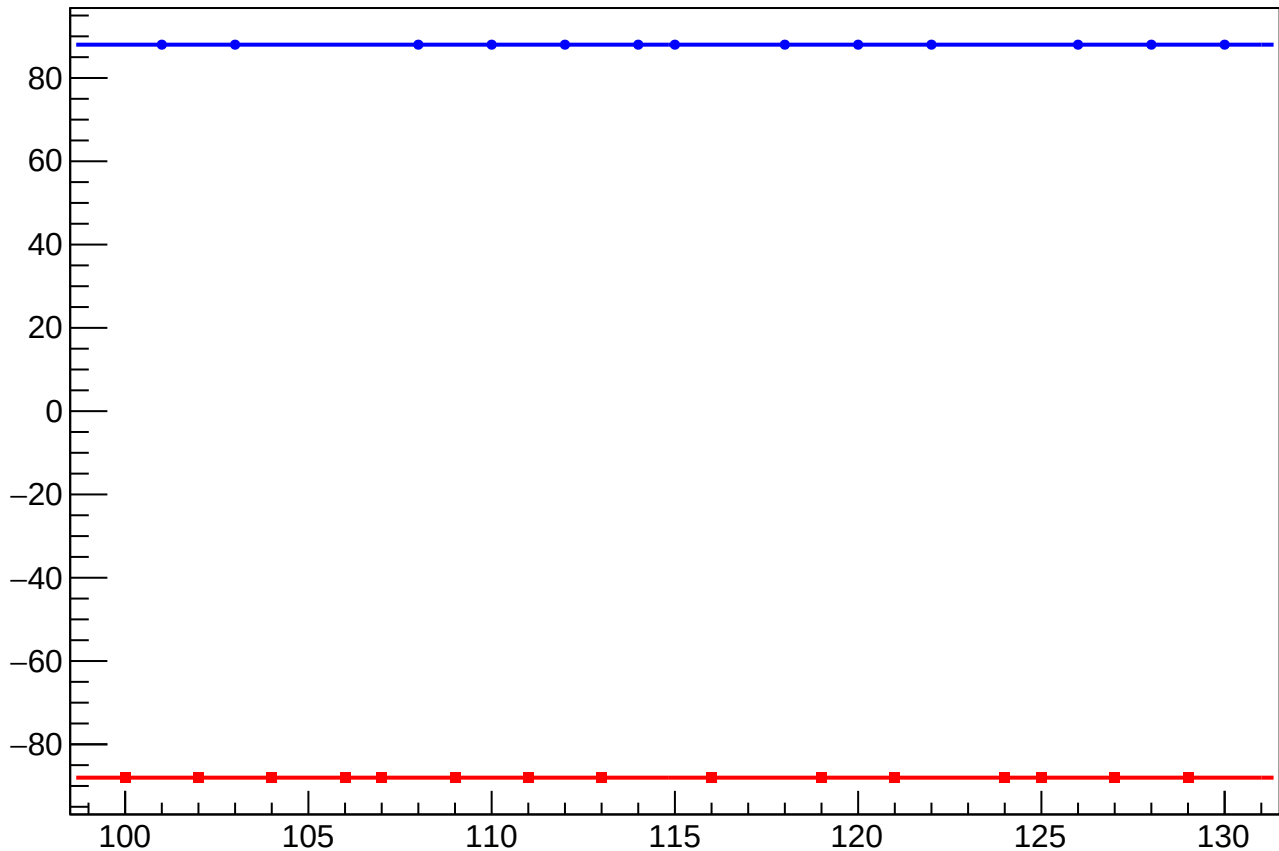
Right: -0.000+/-0.000 χ^2/NDF : 1030039162404091

In: 0.009+/-0.000 χ^2/NDF : 0.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1030039162404

VWienAngle_mean vs Slug, Sign Corrected



Right In: 88.001+/-0.000 χ^2/NDF : 1284189.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -88.004+/-0.000 χ^2/NDF : 71758878947013238442965336064.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

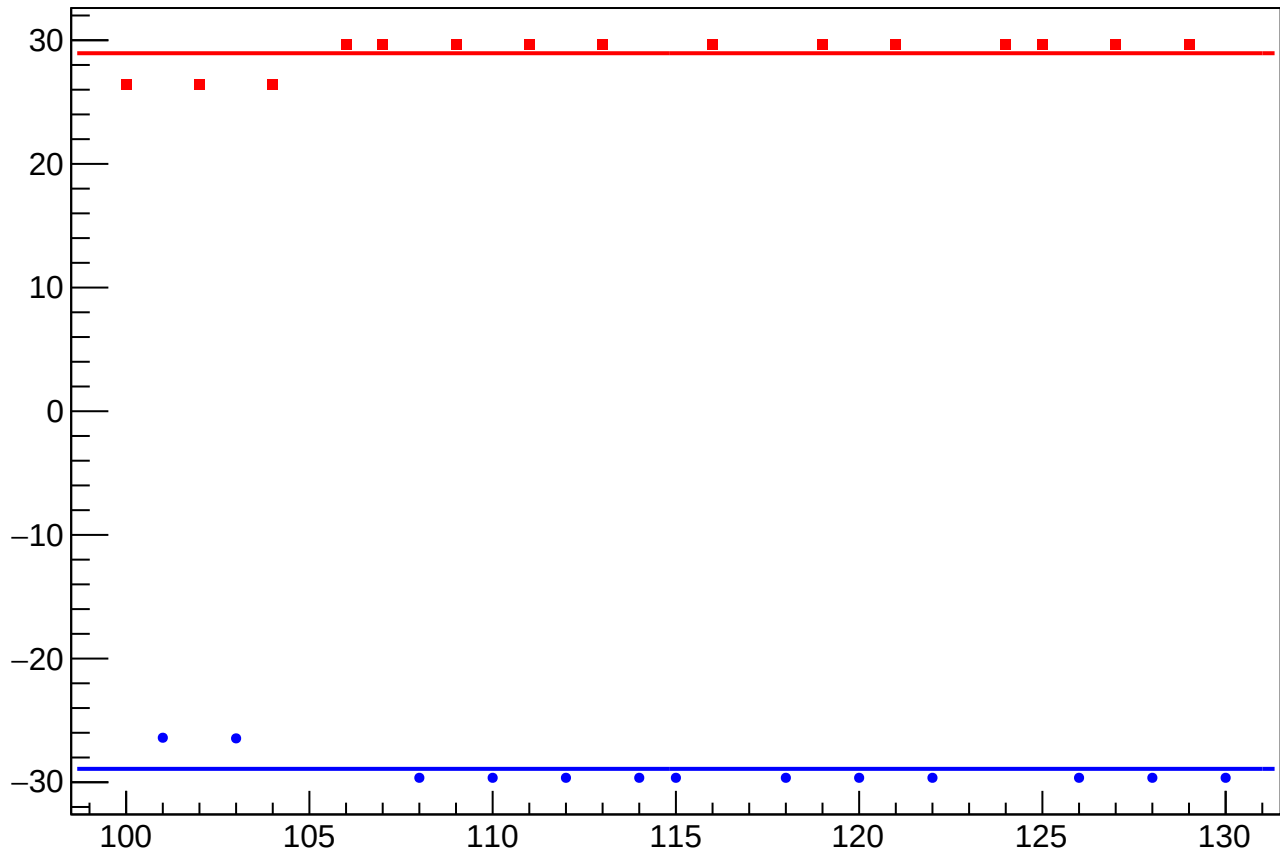
Right: -2.628+/-0.000 χ^2/NDF : 9076122042504805

In: 88.001+/-0.000 χ^2/NDF : 1284189.8/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

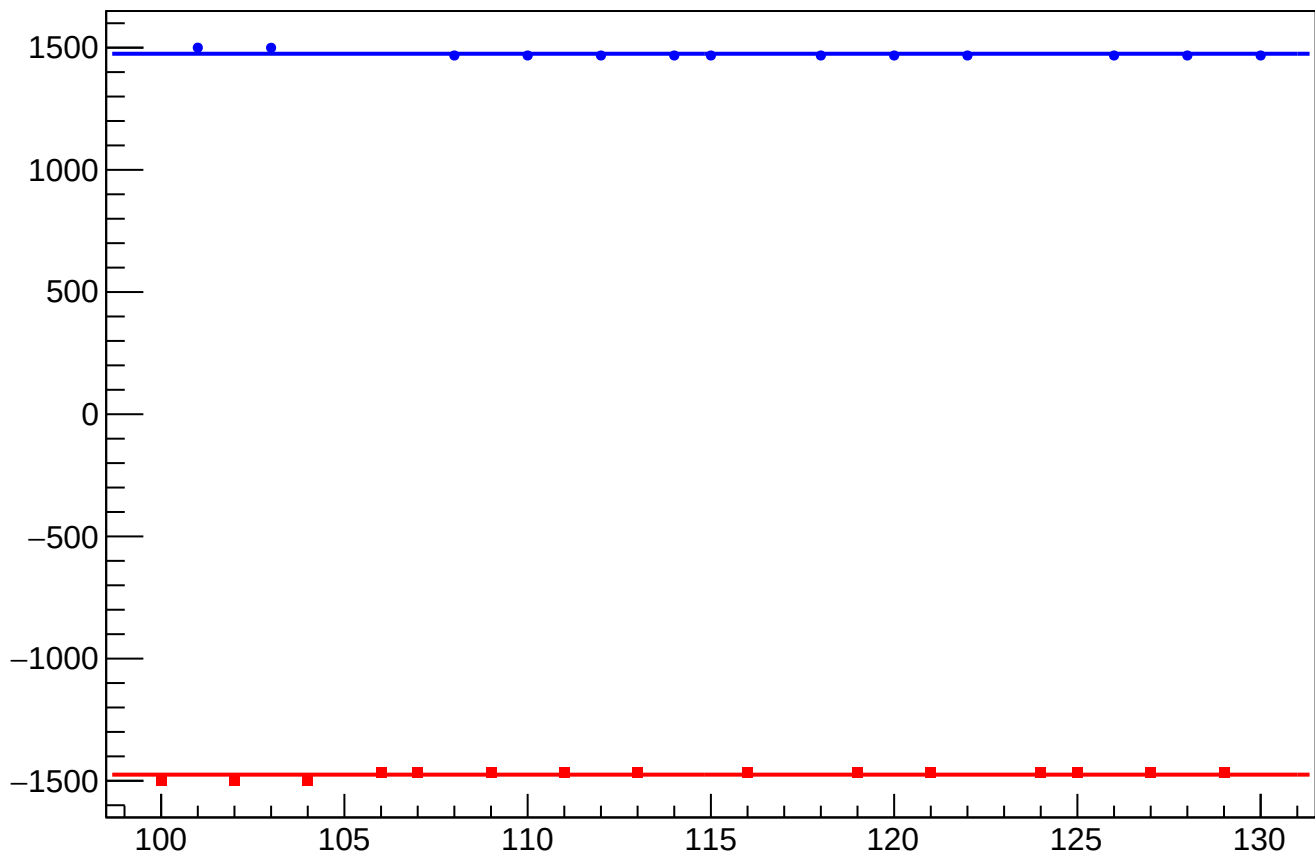
All: -2.628+/-0.000 χ^2/NDF : 9076122042504

HWienAngle_mean vs Slug, Sign Corrected



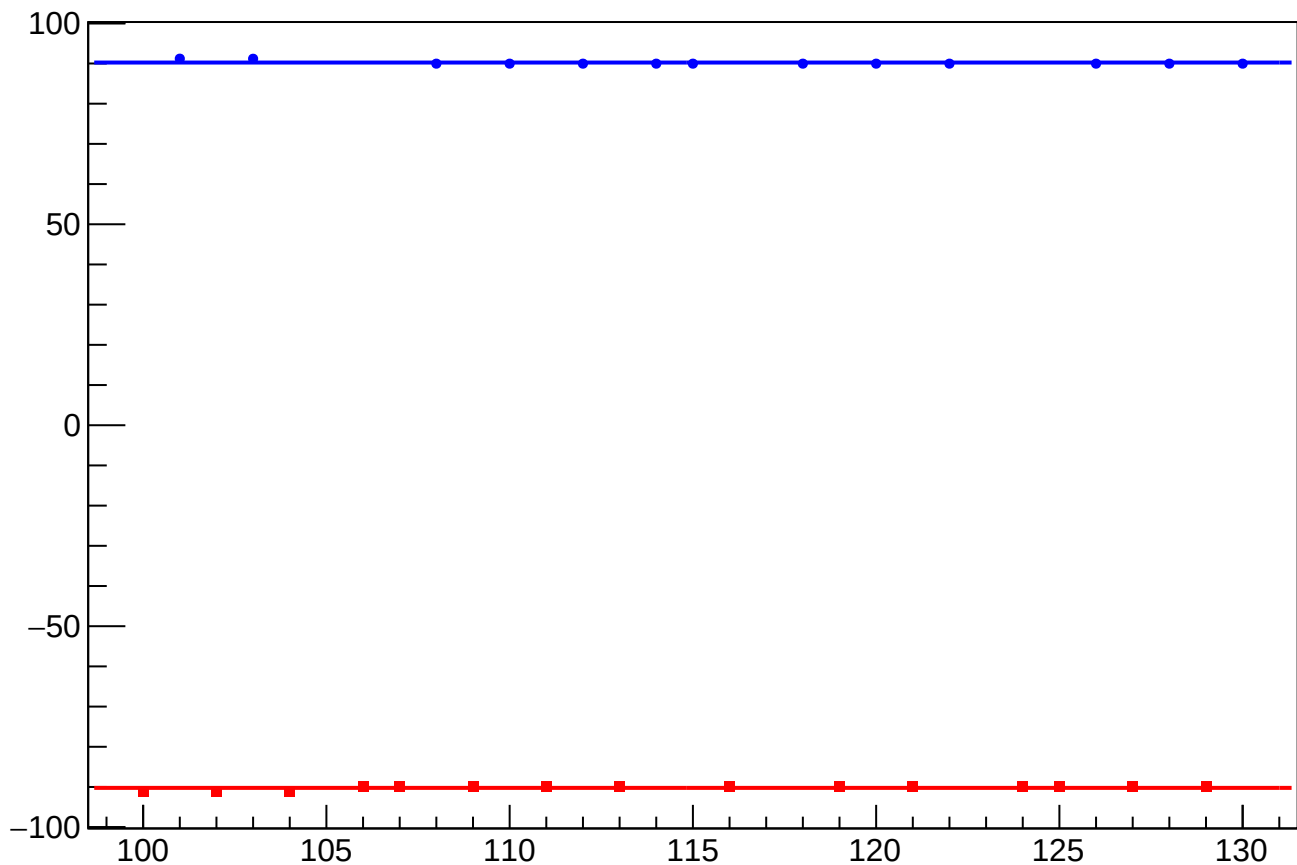
Right In: -28.918+/-0.000 χ^2/NDF : 1025296934371099365348424078589952.0/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 28.949+/-0.000 χ^2/NDF : 1064967615894058894588793113804800.0/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.879+/-0.000 χ^2/NDF : 98316470577168160

psub_pl_pos_mean vs Slug, Sign Corrected



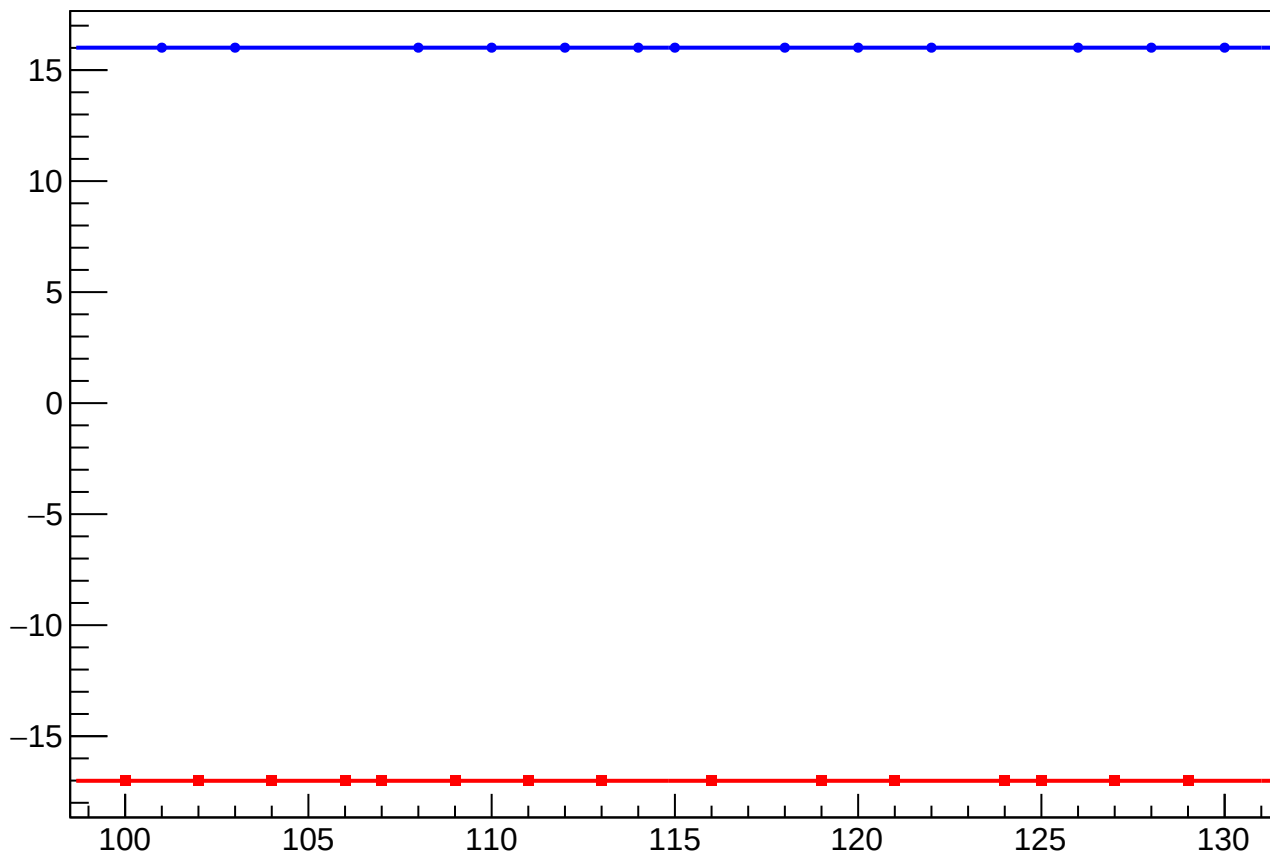
Right In: 1475.126+/-0.000 χ^2/NDF : 100147575390106291073735034000113664.0/12
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -1474.818+/-0.000 χ^2/NDF : 104022474880601518670485640114601984.0/14
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -43.856+/-0.000 χ^2/NDF : 254984469176761

Phi_FG_mean vs Slug, Sign Corrected



Right In: 90.236+/-0.000 χ^2/NDF : 150176856261350868983560984854528.0/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -90.224+/-0.000 χ^2/NDF : 155987483443725829722057572614144.0/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -2.686+/-0.000 χ^2/NDF : 9541748607783143

IGL1I00DI24_24M_mean vs Slug, Sign Corrected



Right In: 16.009+/-0.000 χ^2/NDF : 40629.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.009+/-0.000 χ^2/NDF : 11861471544236842583851008.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

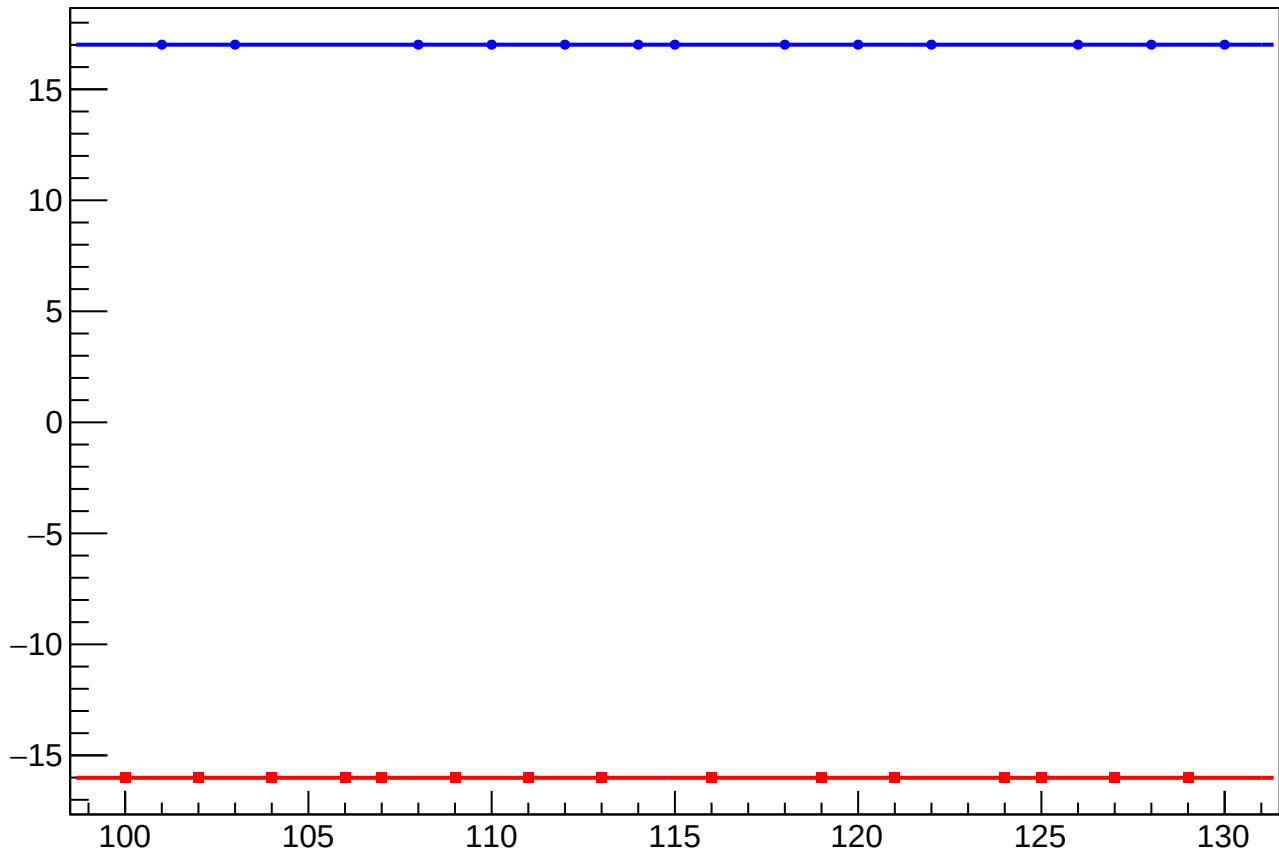
Right: -0.307+/-0.000 χ^2/NDF : 3033158870238486

In: 16.009+/-0.000 χ^2/NDF : 40629.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.307+/-0.000 χ^2/NDF : 3033158870238

IGL1I00OD16_16_mean vs Slug, Sign Corrected



Right In: 17.009+/-0.000 χ^2/NDF : 39354.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.009+/-0.000 χ^2/NDF : 41172.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

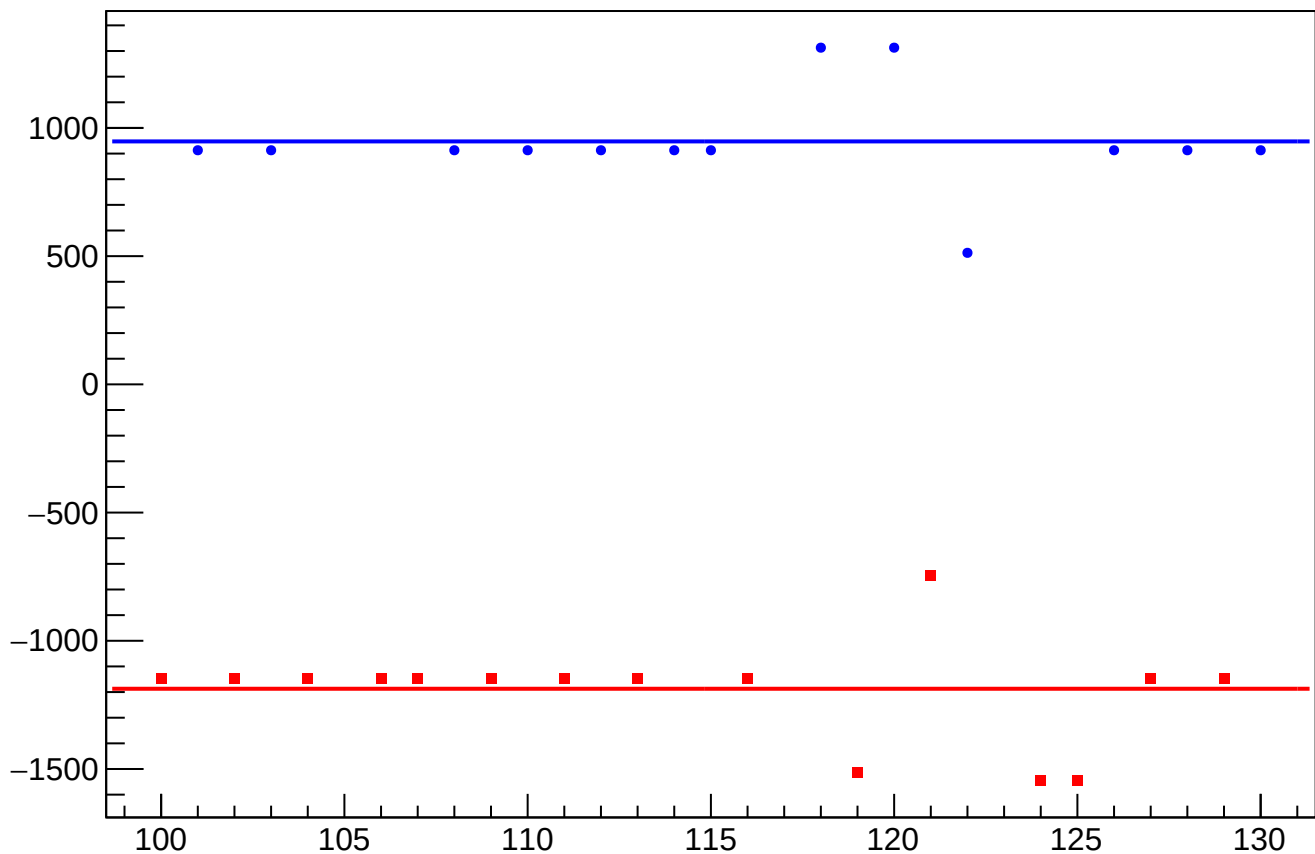
Right: -0.445+/-0.000 χ^2/NDF : 3083403967855177

In: 17.009+/-0.000 χ^2/NDF : 39354.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

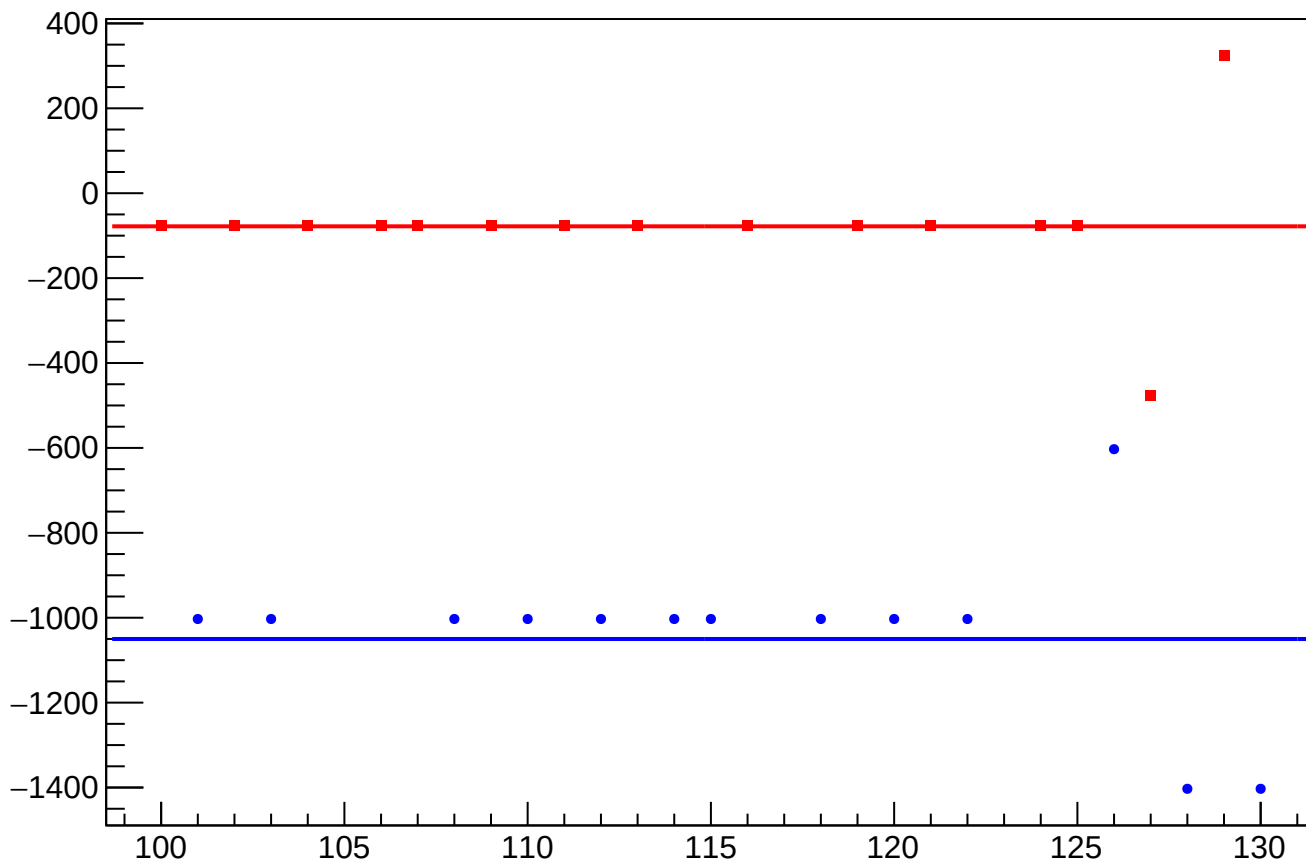
All: -0.445+/-0.000 χ^2/NDF : 3083403967855

RTPAPOSUCNT_mean vs Slug, Sign Corrected



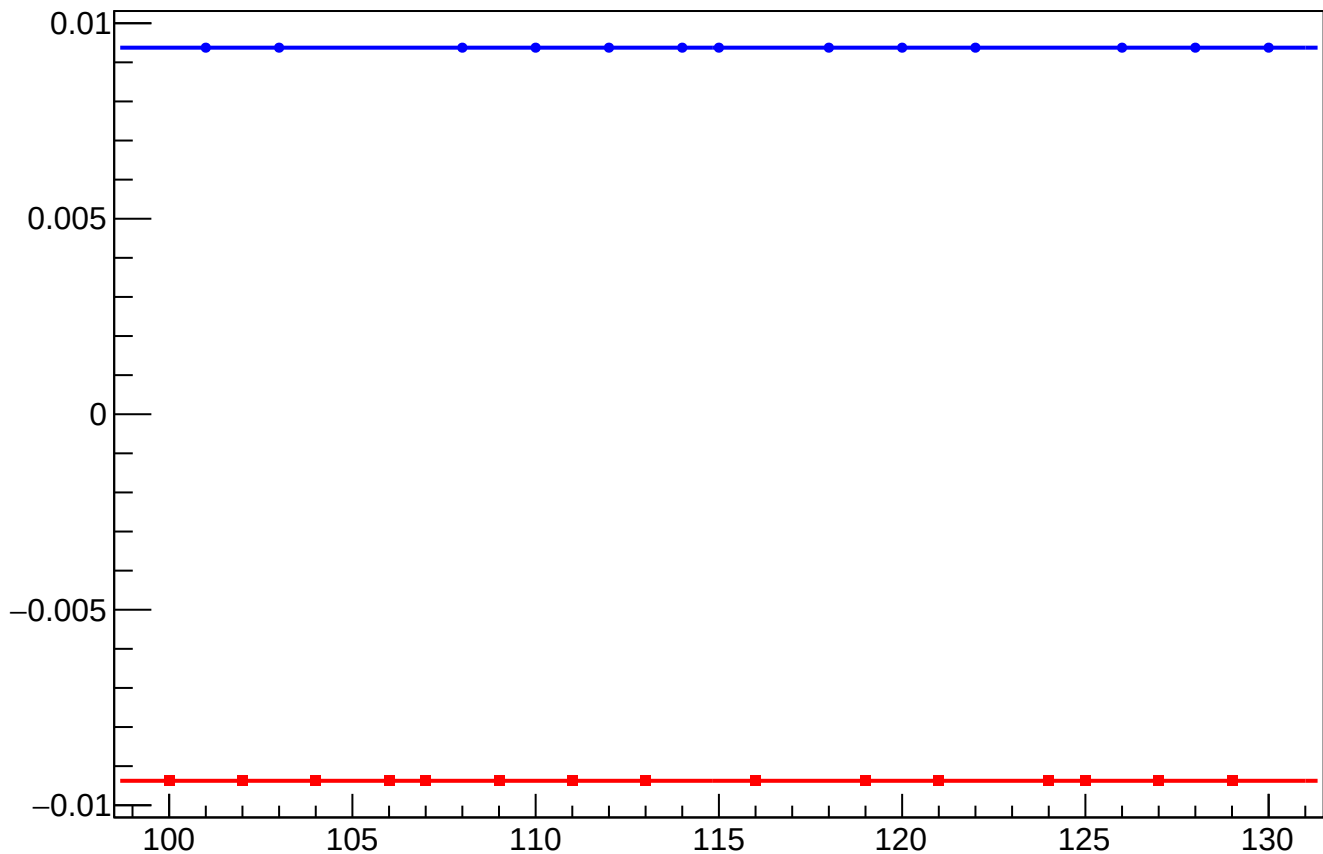
Right In: 947.442+/-0.000 χ^2/NDF : 20926193806244445671677759729782751232.0/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1187.069+/-0.000 χ^2/NDF : 21928091804136387175370184357039833088.0/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -151.658+/-0.000 χ^2/NDF : 13777522476109

RTPAPOSVCNT_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right In: -1050.089+/-0.000 χ^2/NDF : 22577391986943196865330337125635194880.0/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -549.540+/-0.000 χ^2/NDF : 31367905248645
 In: -1050.089+/-0.000 χ^2/NDF : 225773919869431
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -549.540+/-0.000 χ^2/NDF : 31367905248

RTPPITA1CNT_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

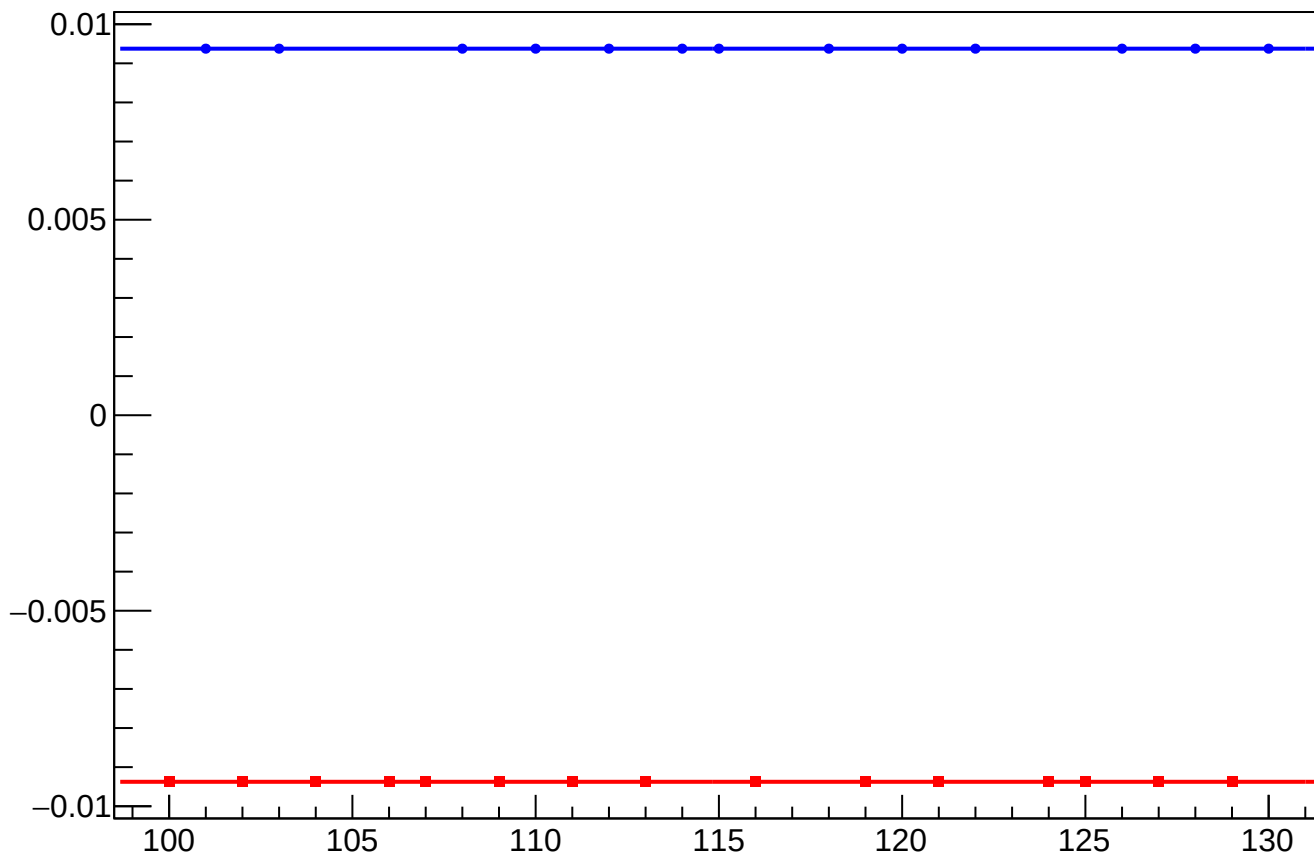
Right: -0.000+/-0.000 χ^2/NDF : 1030039162404091

In: 0.009+/-0.000 χ^2/NDF : 0.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1030039162404

RTPPITA2CNT_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: -0.000+/-0.000 χ^2/NDF : 1030039162404091

In: 0.009+/-0.000 χ^2/NDF : 0.0/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1030039162404