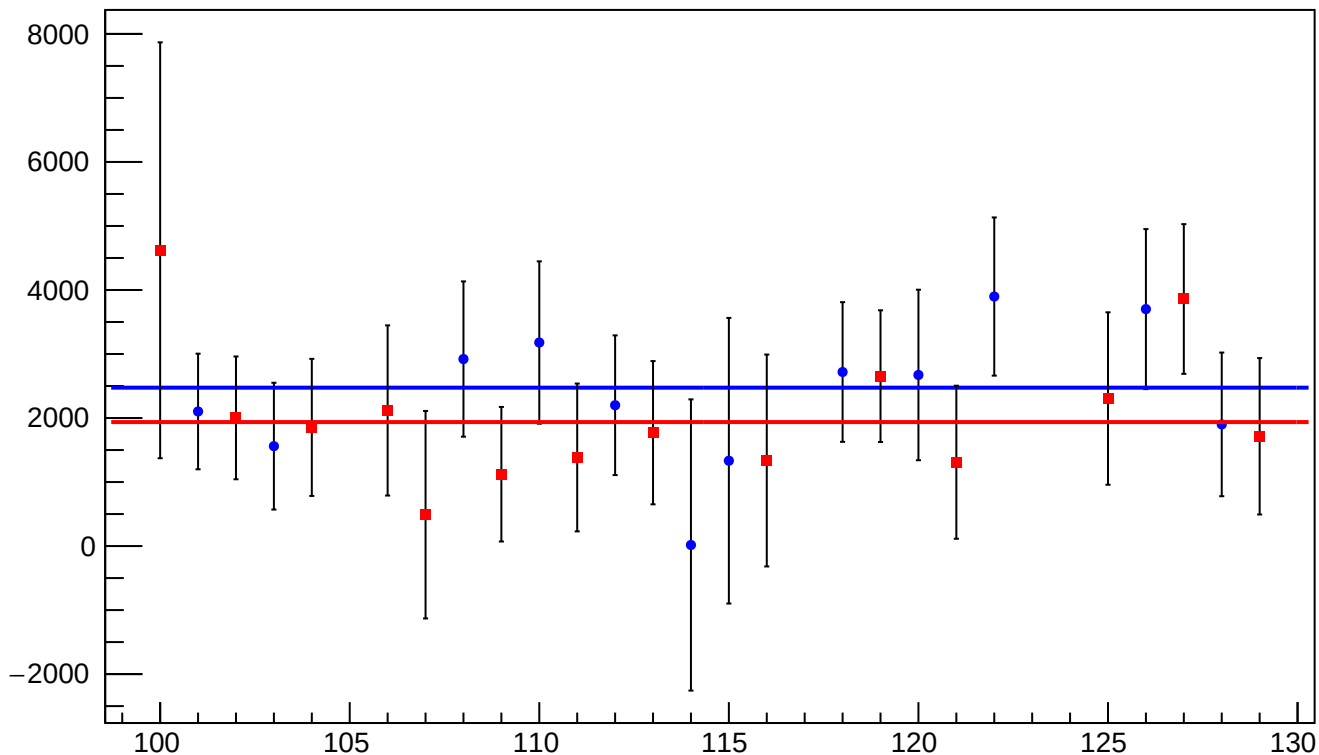


reg_asym_us_avg_mean vs Slug, Sign Corrected



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

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

Right Out: 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: 2188.164+/-237.734

χ^2/NDF : 12.9/25

In: 2474.250+/-347.610

χ^2/NDF : 5.6/11

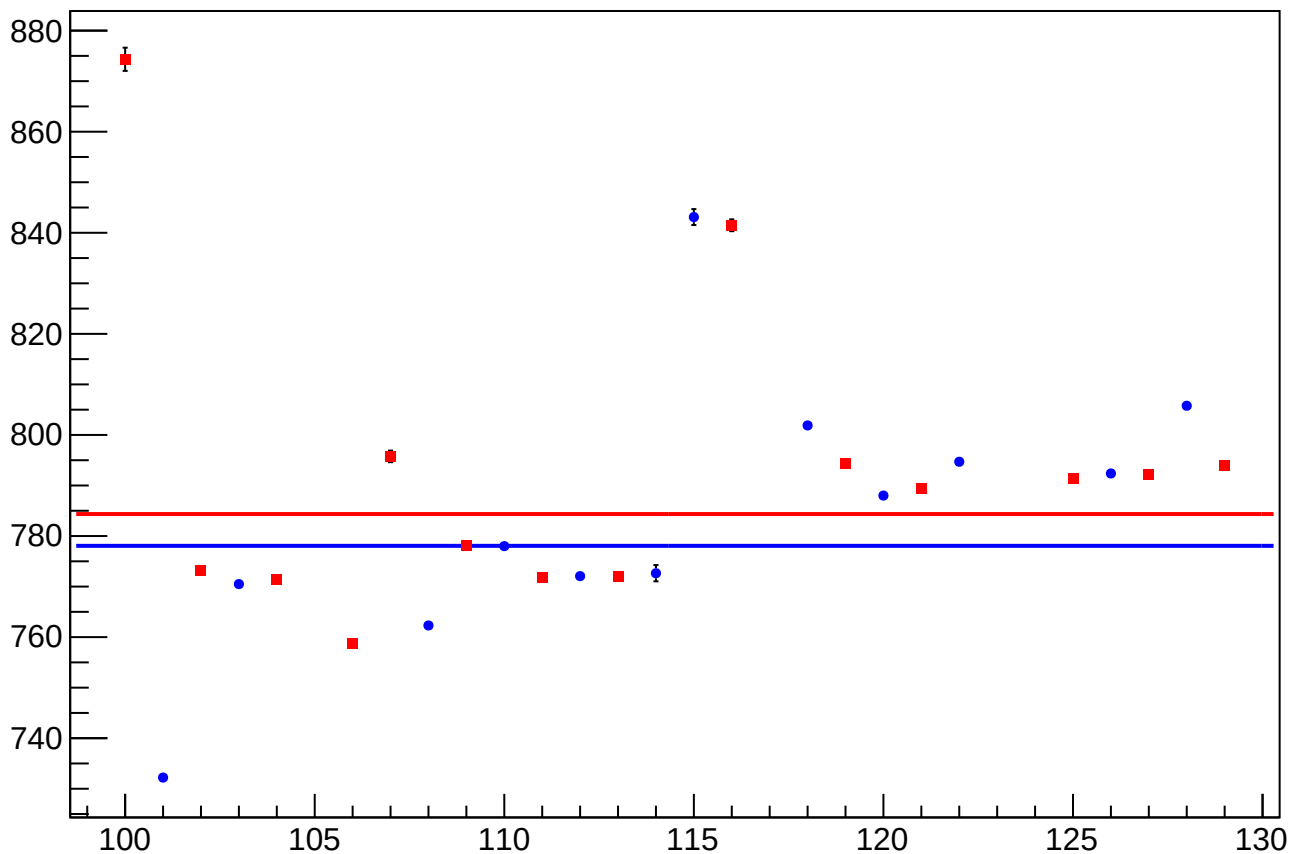
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 2188.164+/-237.734

χ^2/NDF : 12.9/25

reg_asym_us_avg_rms vs Slug, Sign Corrected



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

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

Right Out: 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

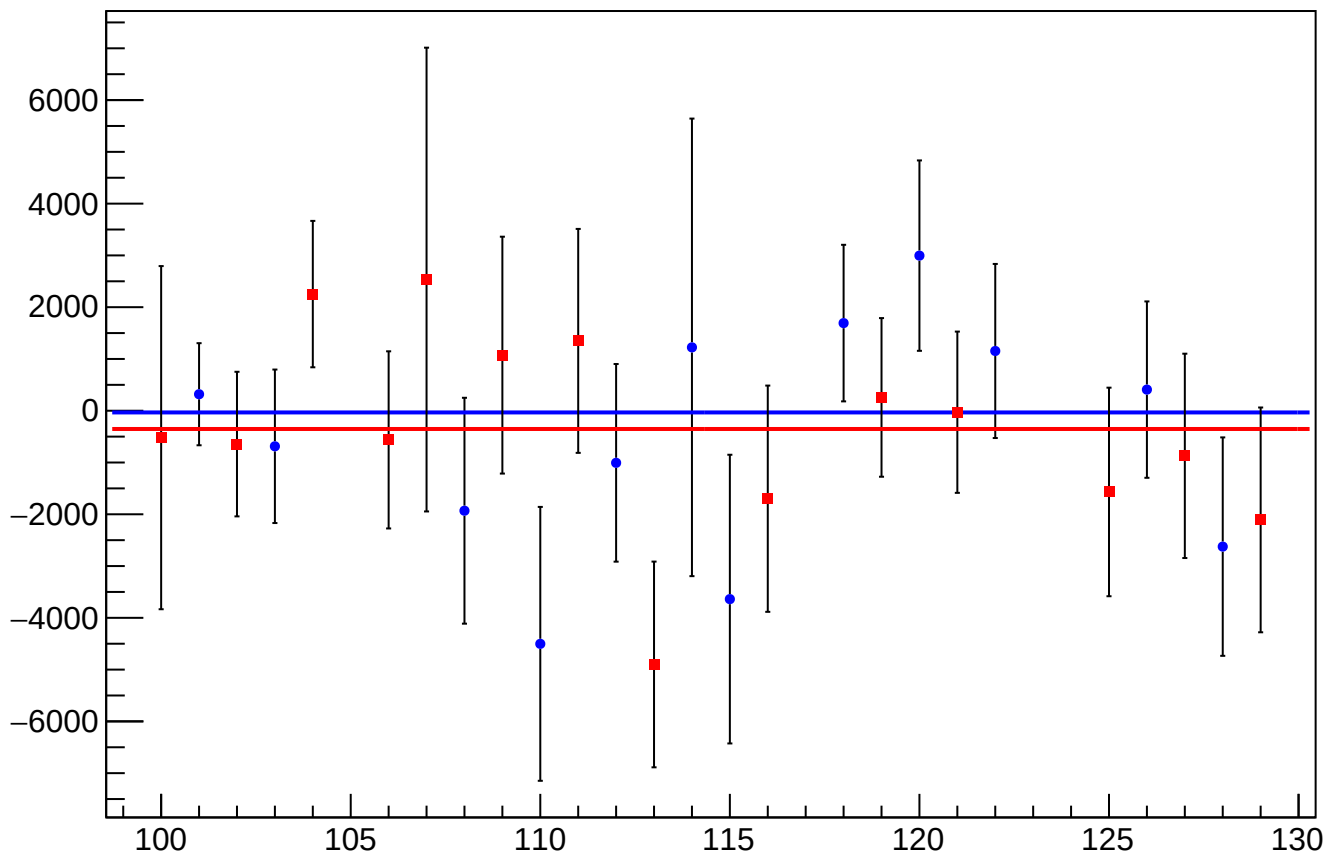
Right: 781.407+/-0.168 χ^2/NDF : 17002.5/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 781.407+/-0.168 χ^2/NDF : 17002.5/25

asym_us_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -32.956 ± 503.302 $\chi^2/\text{NDF}: 12.0/11$

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

Right Out: -352.500 ± 505.249 $\chi^2/\text{NDF}: 11.8/13$

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

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

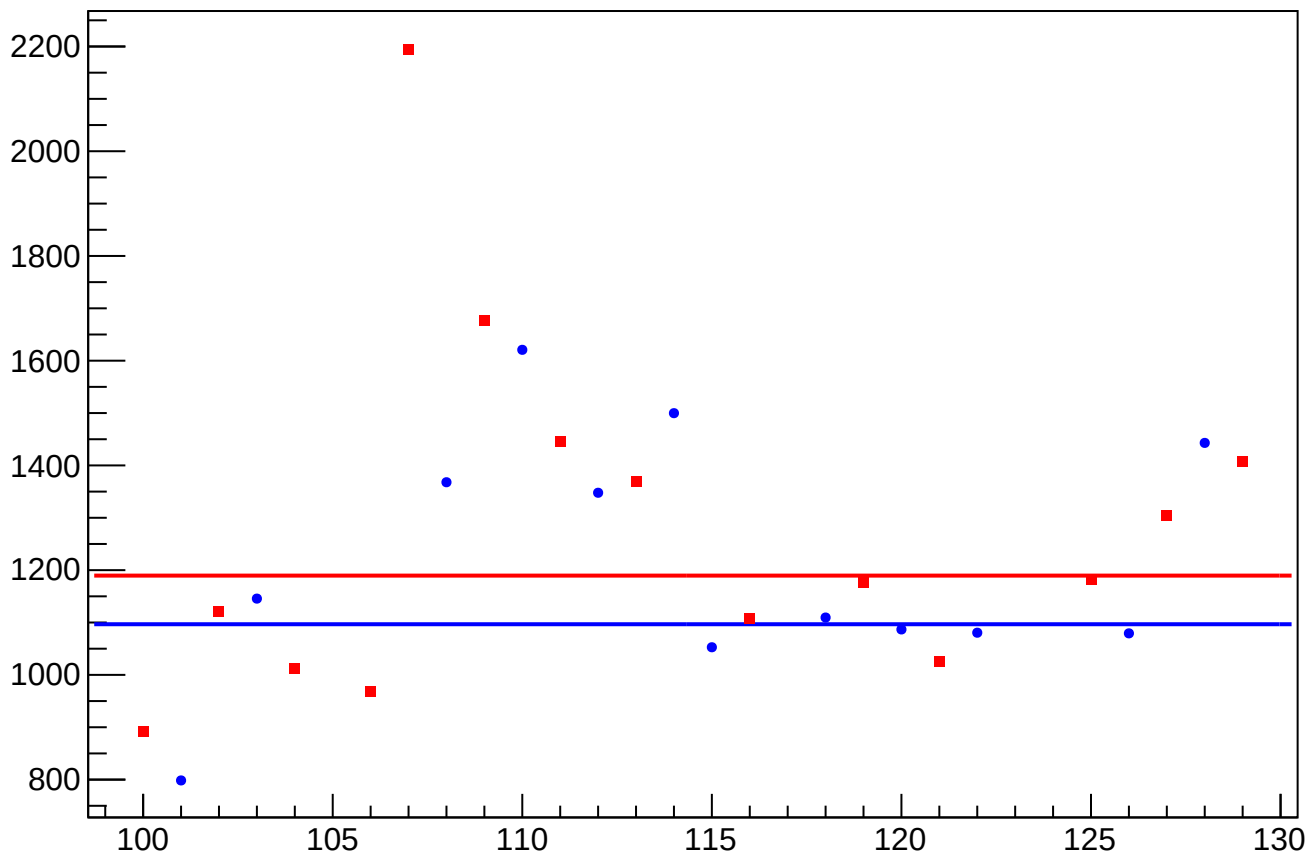
Right: -192.111 ± 356.575 $\chi^2/\text{NDF}: 24.0/25$

In: -32.956 ± 503.302 $\chi^2/\text{NDF}: 12.0/11$

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

All: -192.111 ± 356.575 $\chi^2/\text{NDF}: 24.0/25$

asym_us_avg_reg_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 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

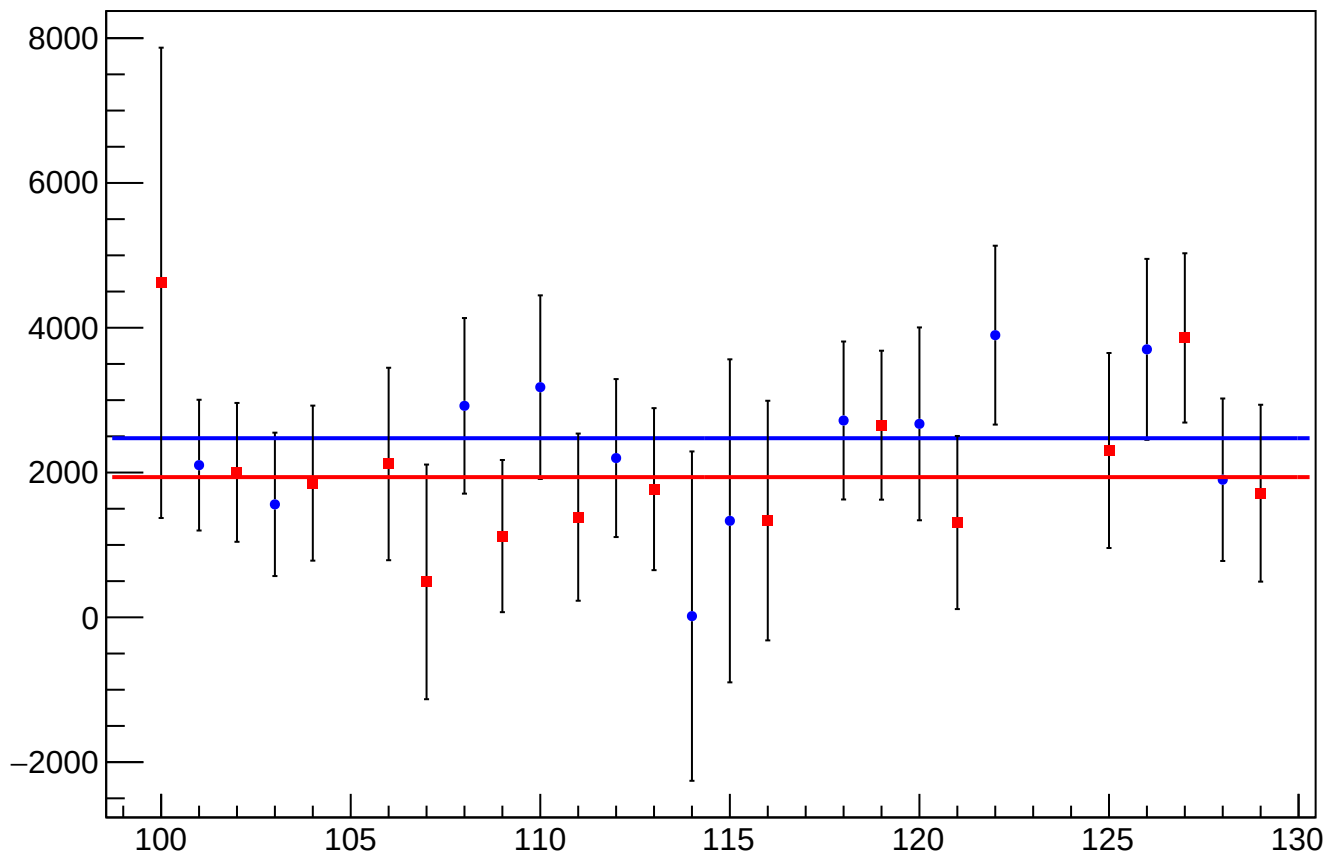
Right: 1142.972+/-0.252 χ^2/NDF : 808678.7/25

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1142.972+/-0.252 χ^2/NDF : 808678.7/25

cor_asym_us_avg_mean vs Slug, Sign Corrected



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

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

Right Out: 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

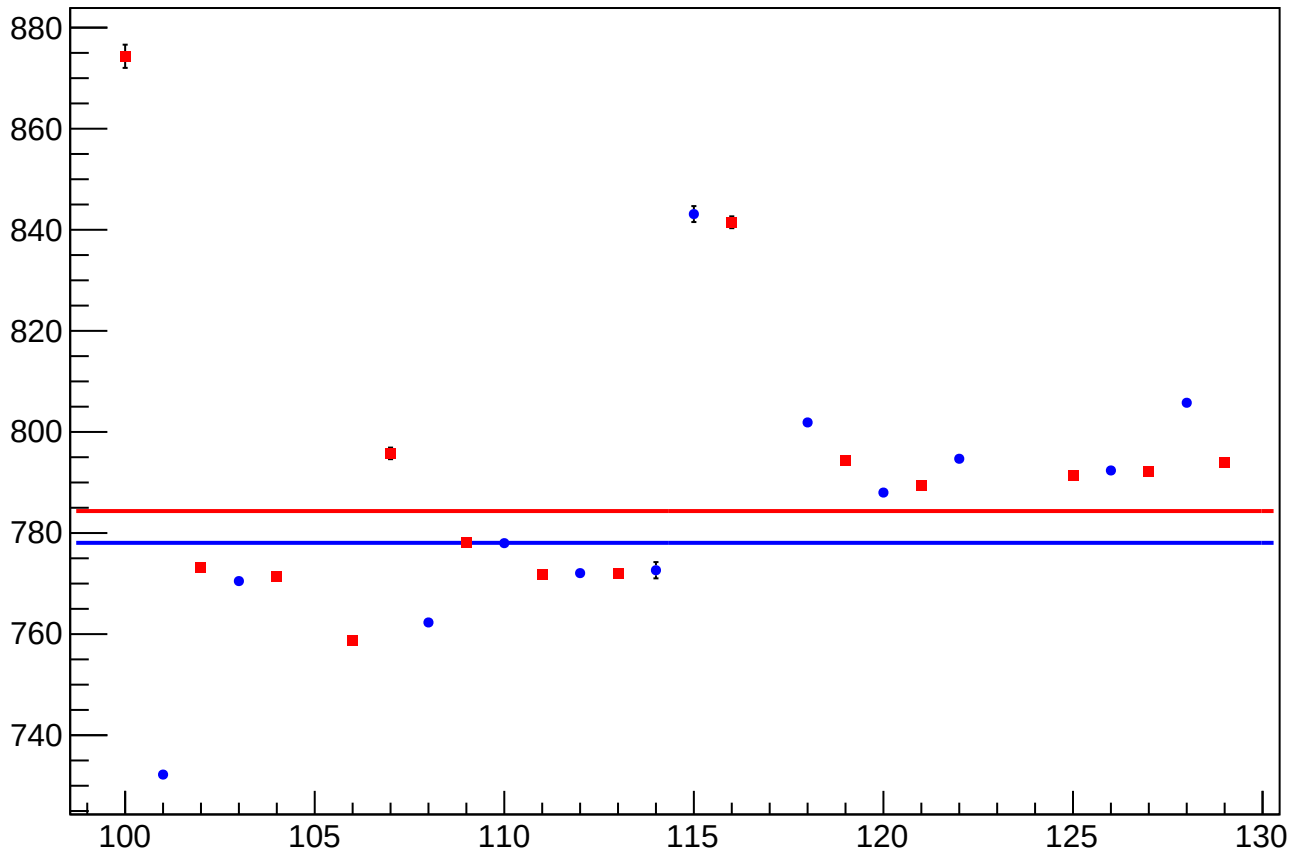
Right: 2188.164+/-237.734 χ^2/NDF : 12.9/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2188.164+/-237.734 χ^2/NDF : 12.9/25

cor_asym_us_avg_rms vs Slug, Sign Corrected



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

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

Right Out: 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

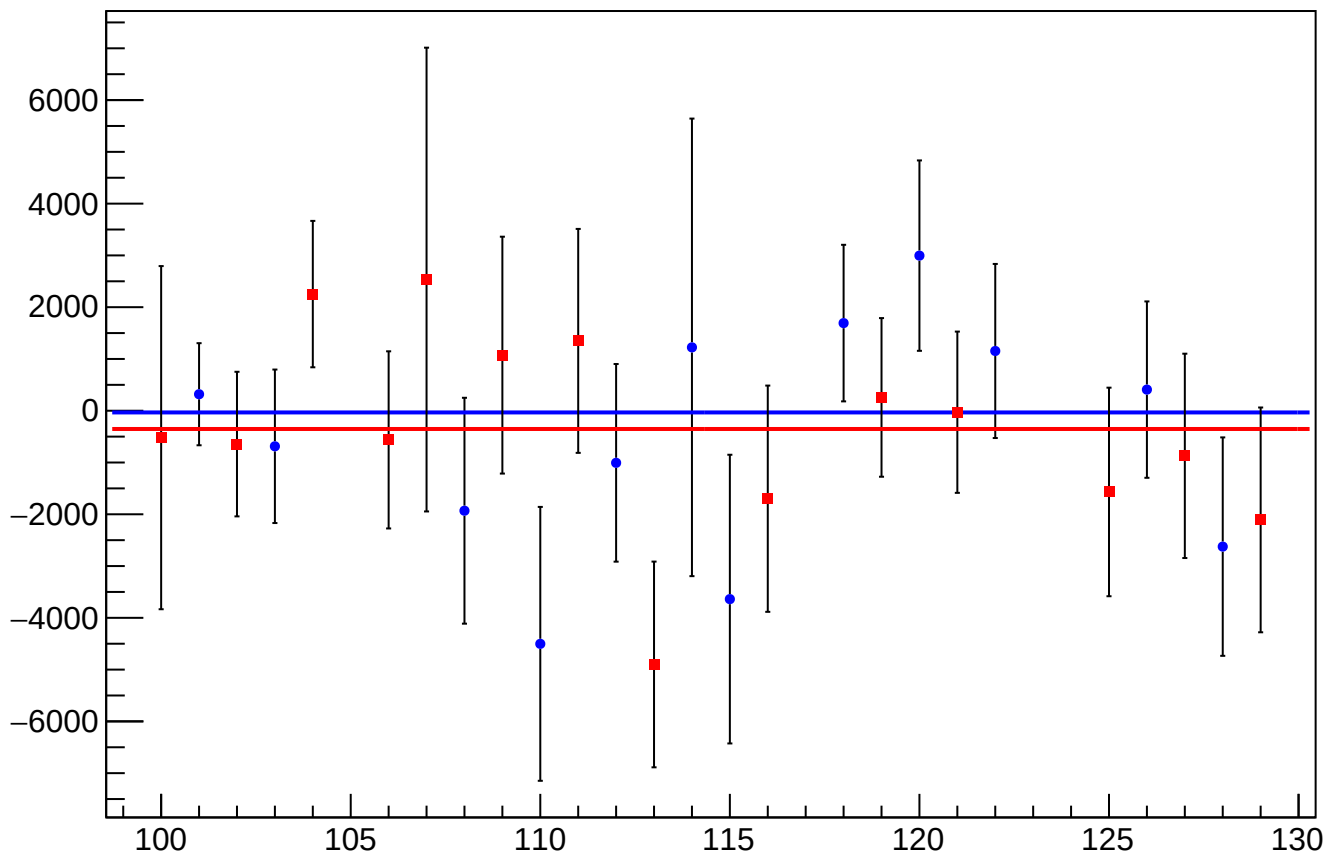
Right: 781.407+/-0.168 χ^2/NDF : 17002.5/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 781.407+/-0.168 χ^2/NDF : 17002.5/25

asym_us_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -32.956 ± 503.302 $\chi^2/\text{NDF}: 12.0/11$

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

Right Out: -352.500 ± 505.249 $\chi^2/\text{NDF}: 11.8/13$

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

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

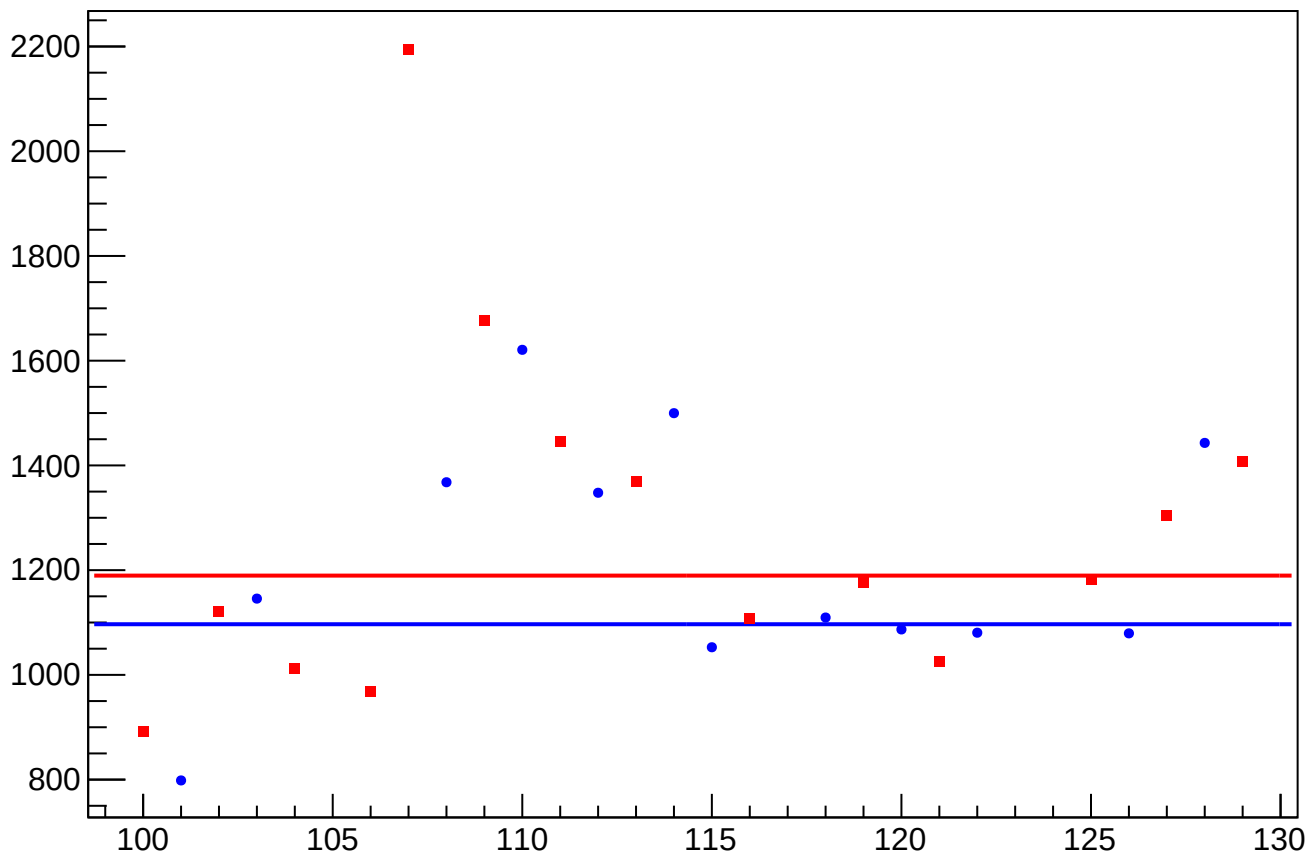
Right: -192.111 ± 356.575 $\chi^2/\text{NDF}: 24.0/25$

In: -32.956 ± 503.302 $\chi^2/\text{NDF}: 12.0/11$

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

All: -192.111 ± 356.575 $\chi^2/\text{NDF}: 24.0/25$

asym_us_avg_cor_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 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

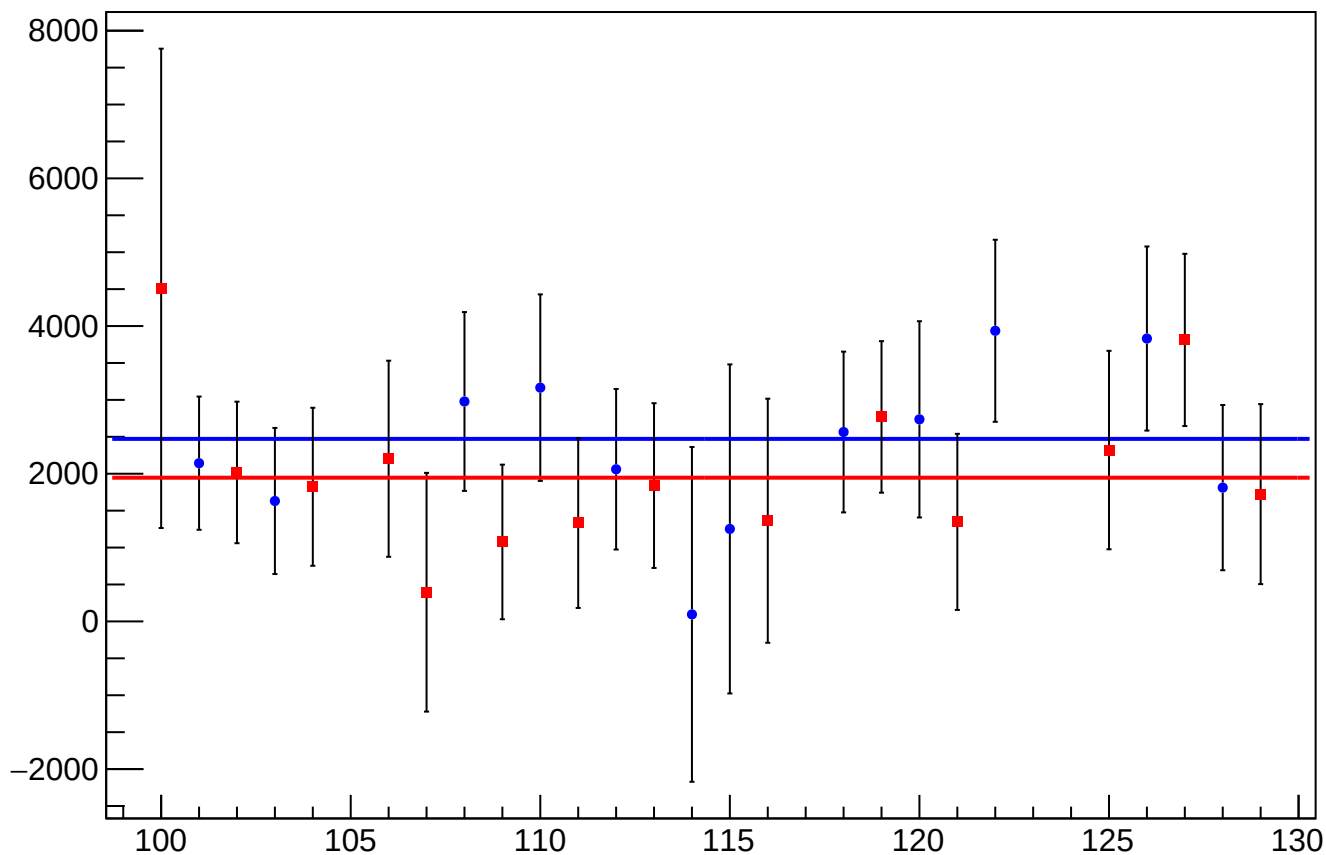
Right: 1142.972+/-0.252 χ^2/NDF : 808678.7/25

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1142.972+/-0.252 χ^2/NDF : 808678.7/25

overload_cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2471.943+/-346.862 χ^2/NDF : 5.9/11

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

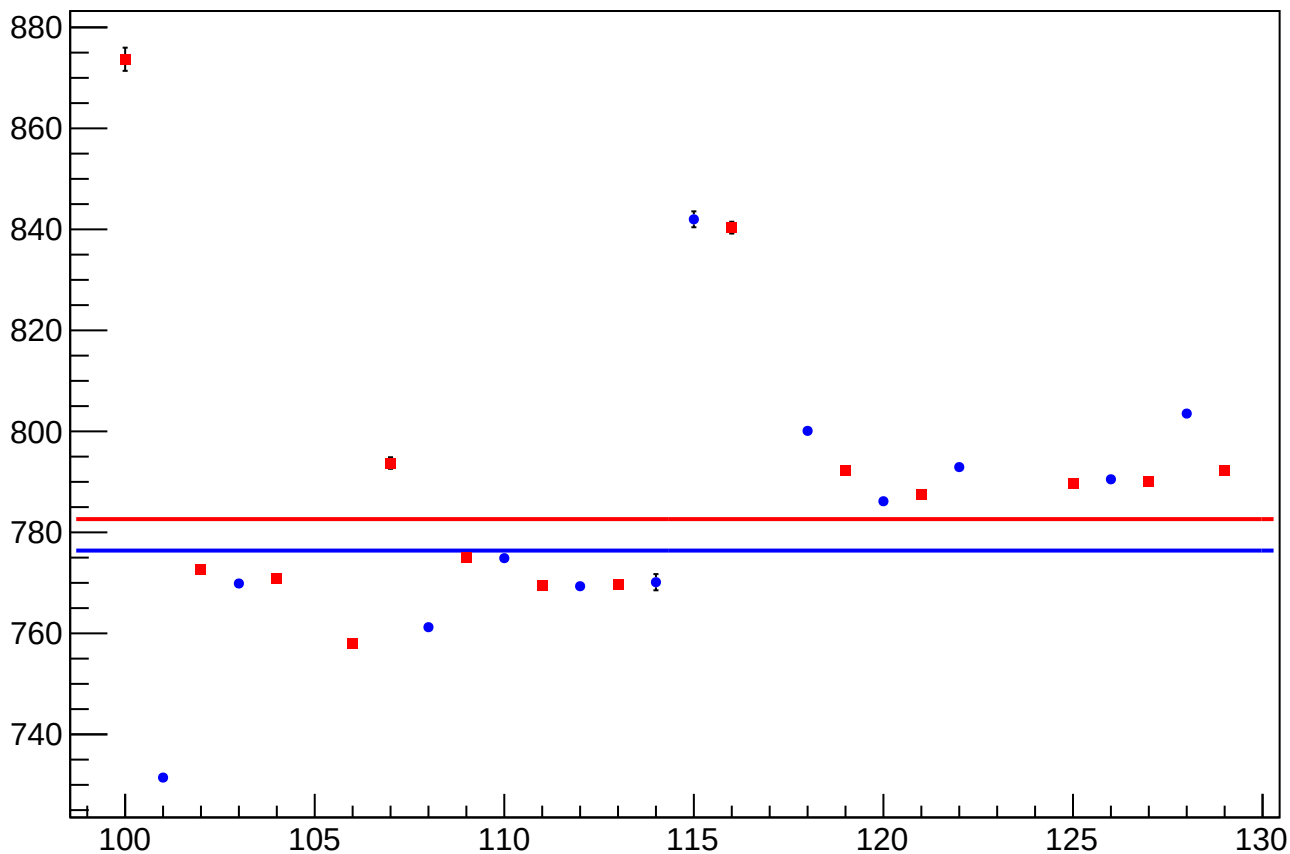
Right: 2192.128+/-237.216 χ^2/NDF : 13.4/25

In: 2471.943+/-346.862 χ^2/NDF : 5.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2192.128+/-237.216 χ^2/NDF : 13.4/25

overload_cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 776.394+/-0.245 χ^2/NDF : 10052.0/11

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

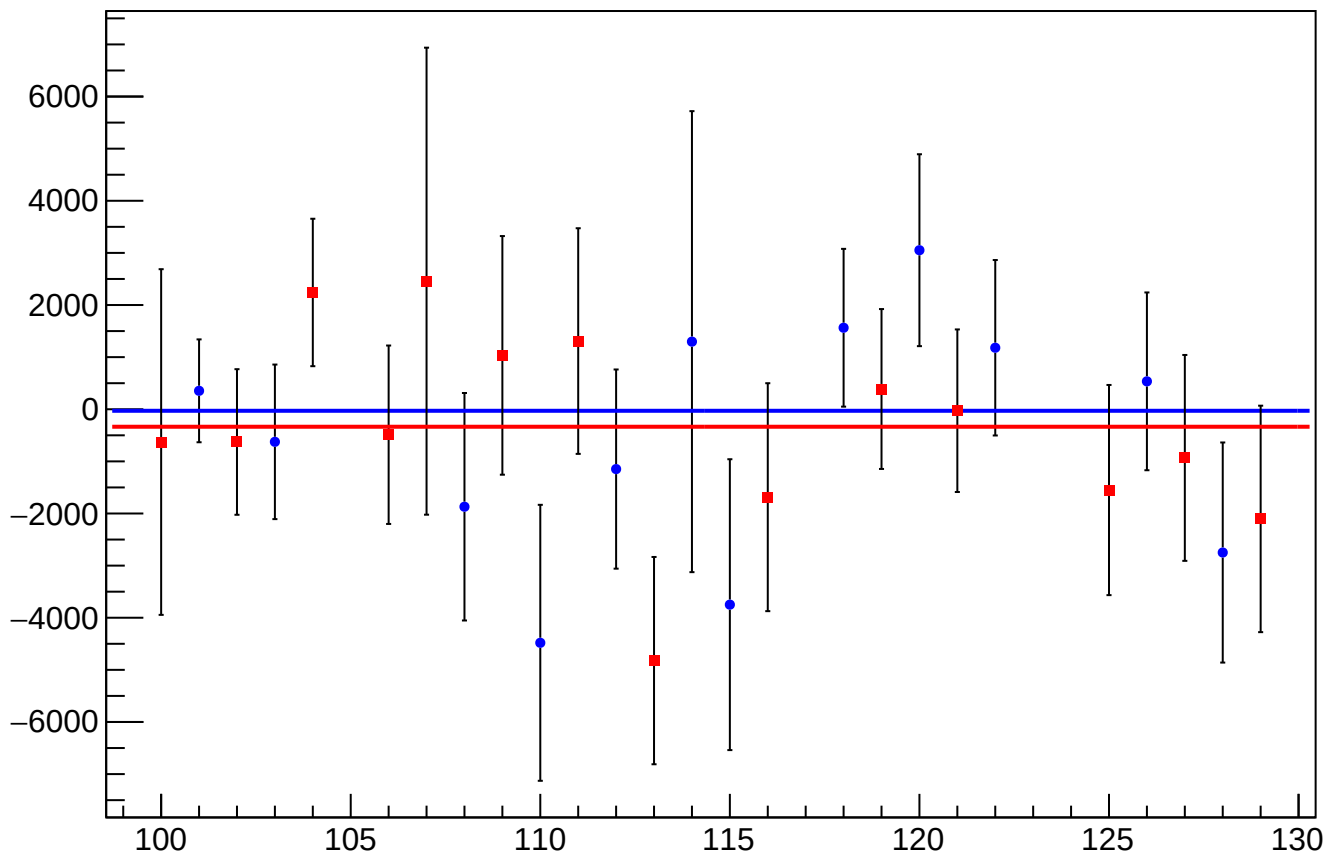
Right: 779.710+/-0.168 χ^2/NDF : 16753.2/25

In: 776.394+/-0.245 χ^2/NDF : 10052.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 779.710+/-0.168 χ^2/NDF : 16753.2/25

asym_us_avg_overload_cor_correction_mean vs Slug, Sign Corrected



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

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

Right Out: -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

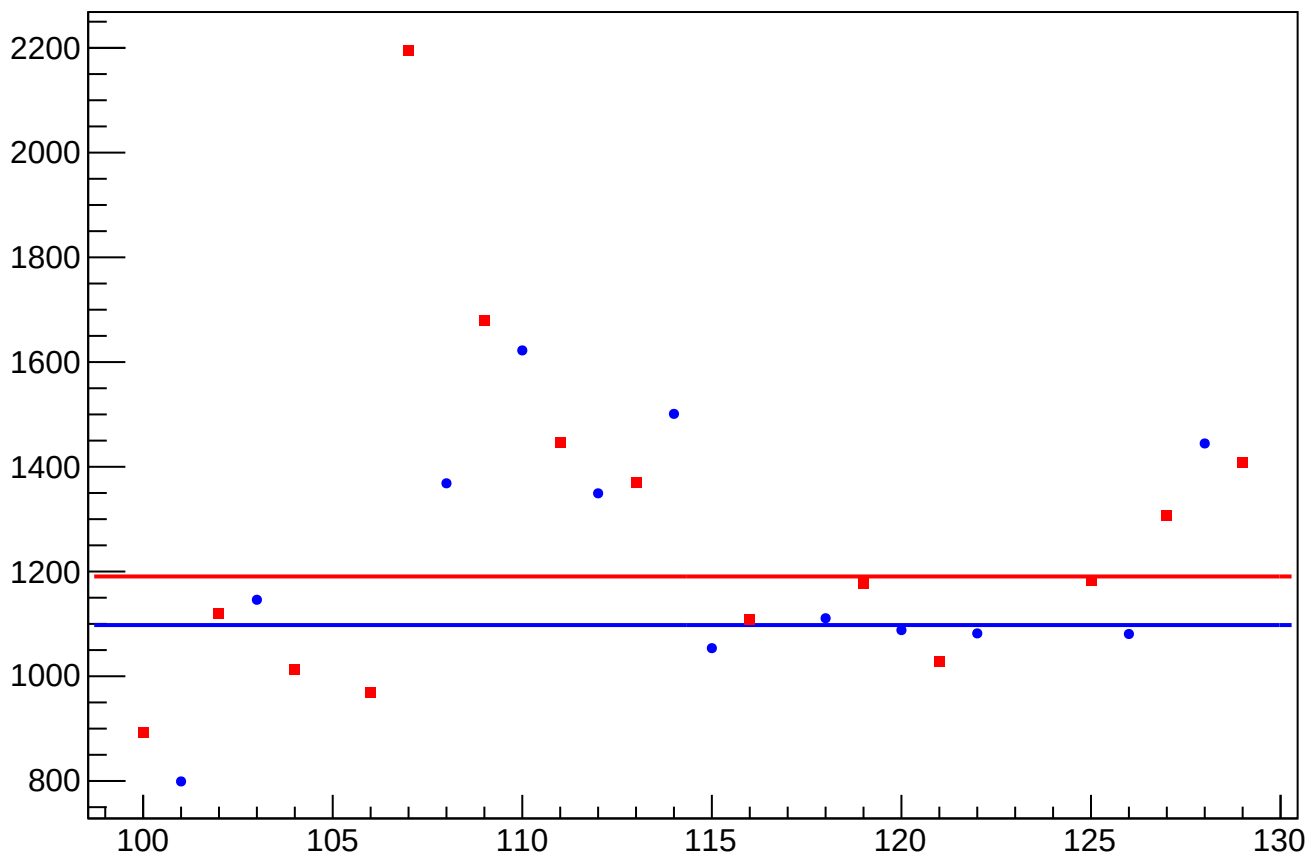
Right: -181.818+/-356.889 χ^2/NDF : 24.0/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -181.818+/-356.889 χ^2/NDF : 24.0/25

asym_us_avg_overload_cor_correction_rms vs Slug, Sign Corrected



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

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

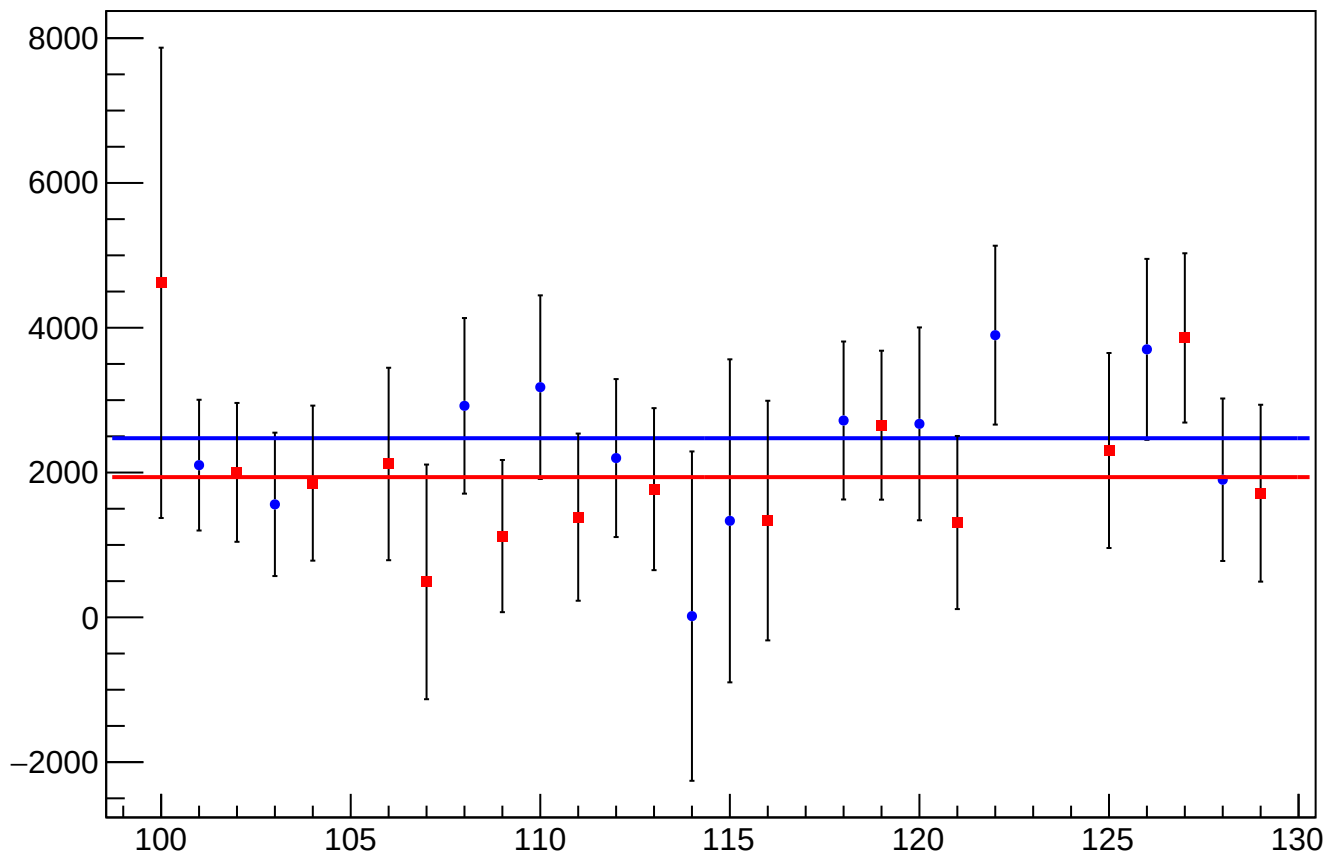
Right: 1143.995+/-0.252 χ^2/NDF : 808582.3/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1143.995+/-0.252 χ^2/NDF : 808582.3/25

eigen_cor_asym_us_avg_mean vs Slug, Sign Corrected



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

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

Right Out: 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

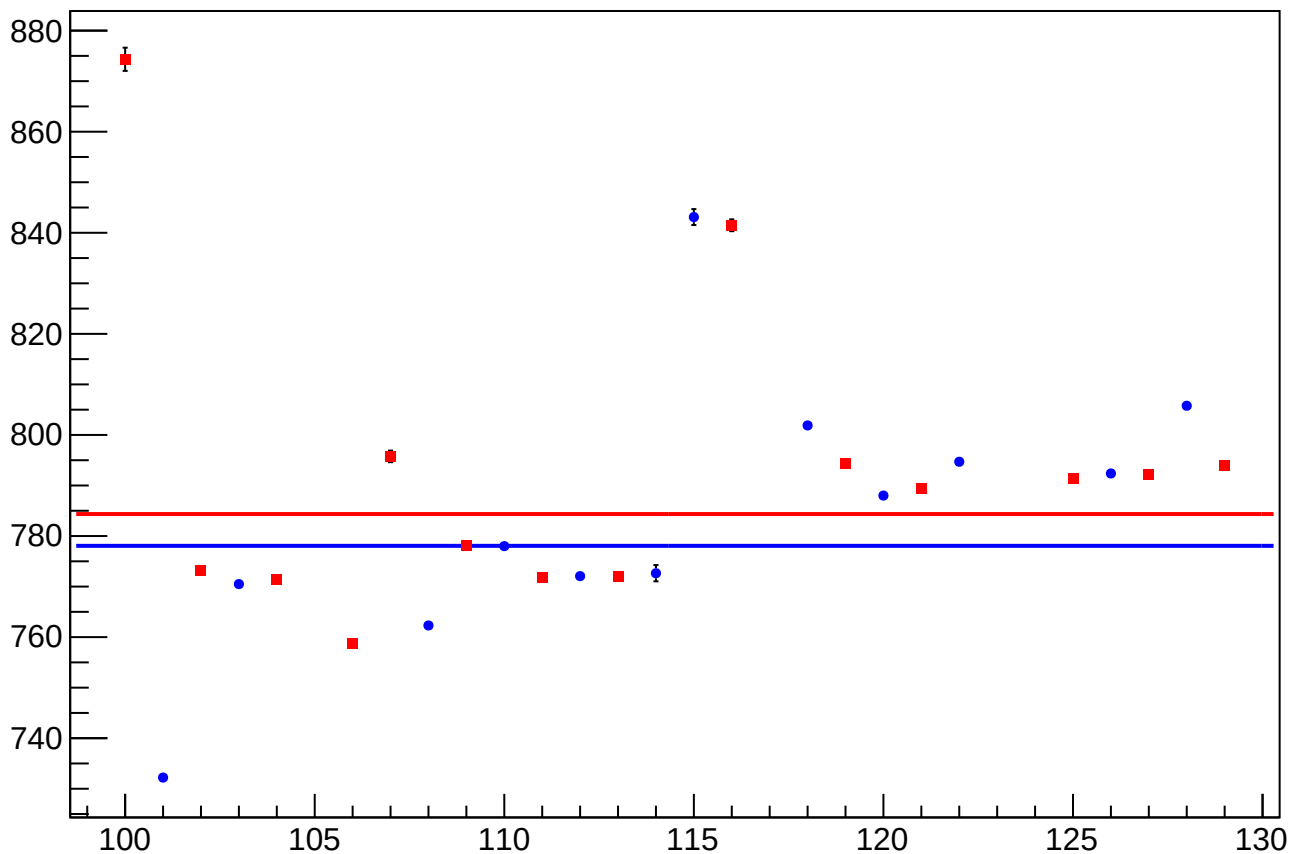
Right: 2188.164+/-237.734 χ^2/NDF : 12.9/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2188.164+/-237.734 χ^2/NDF : 12.9/25

eigen_cor_asym_us_avg_rms vs Slug, Sign Corrected



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

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

Right Out: 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

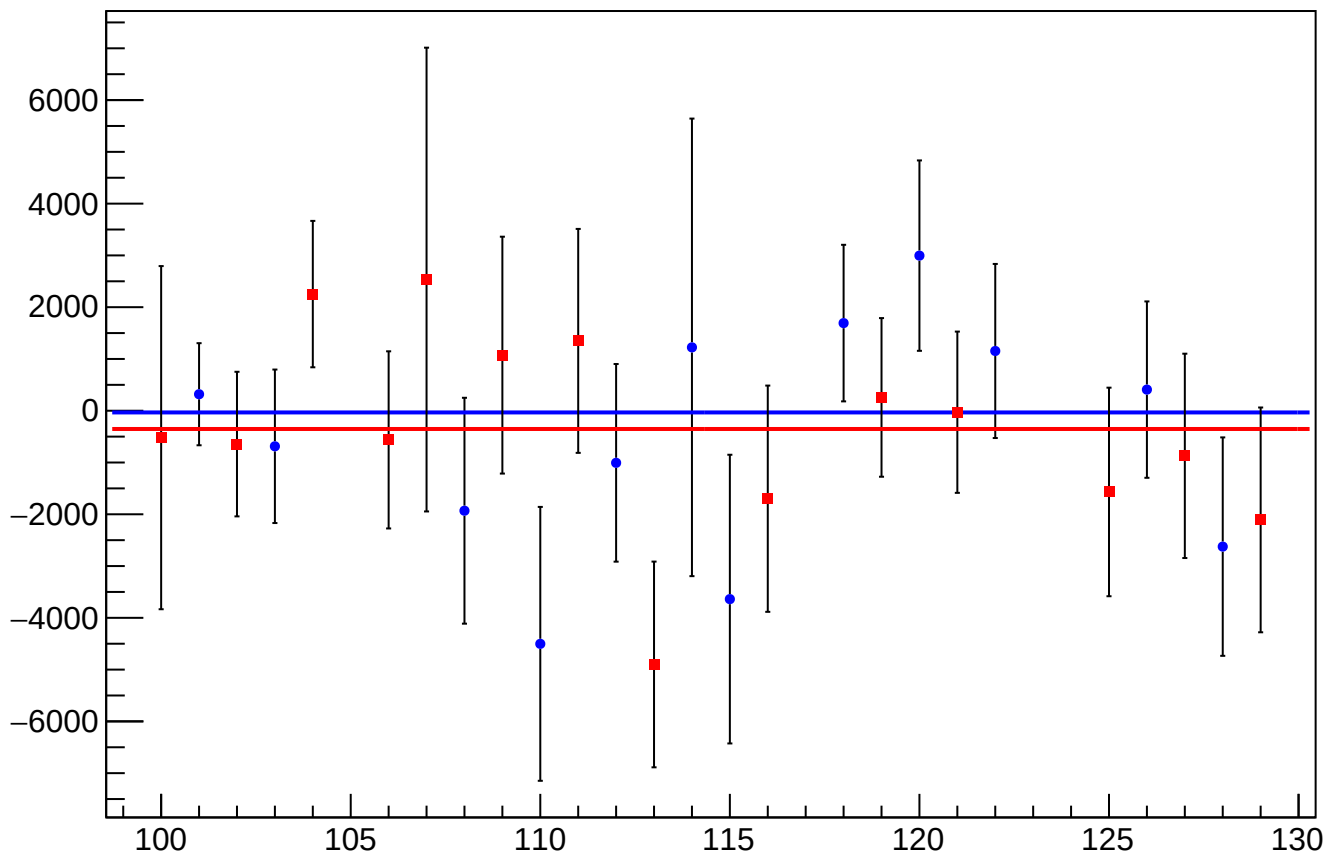
Right: 781.407+/-0.168 χ^2/NDF : 17002.5/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 781.407+/-0.168 χ^2/NDF : 17002.5/25

asym_us_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -32.956 ± 503.302 $\chi^2/\text{NDF}: 12.0/11$

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

Right Out: -352.500 ± 505.249 $\chi^2/\text{NDF}: 11.8/13$

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

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

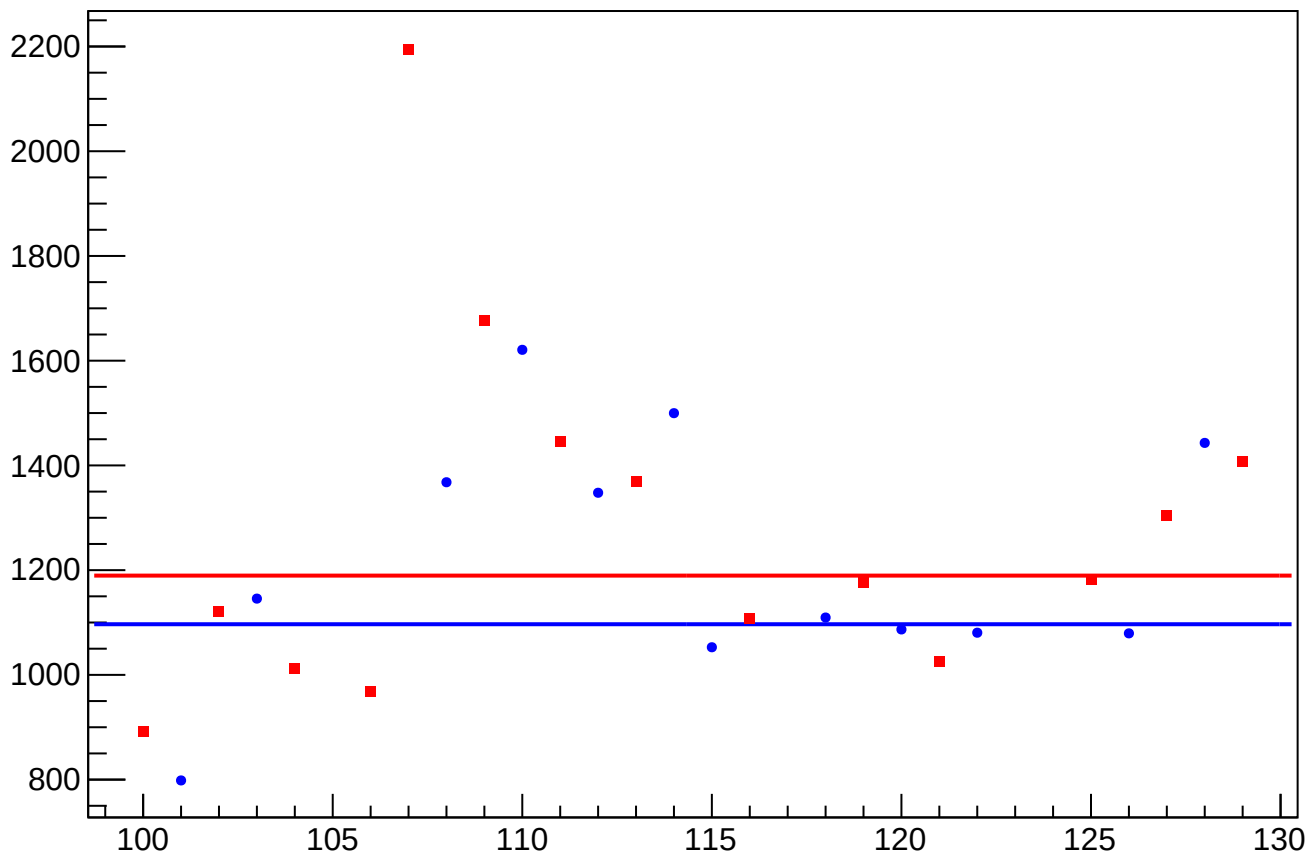
Right: -192.111 ± 356.575 $\chi^2/\text{NDF}: 24.0/25$

In: -32.956 ± 503.302 $\chi^2/\text{NDF}: 12.0/11$

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

All: -192.111 ± 356.575 $\chi^2/\text{NDF}: 24.0/25$

asym_us_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 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

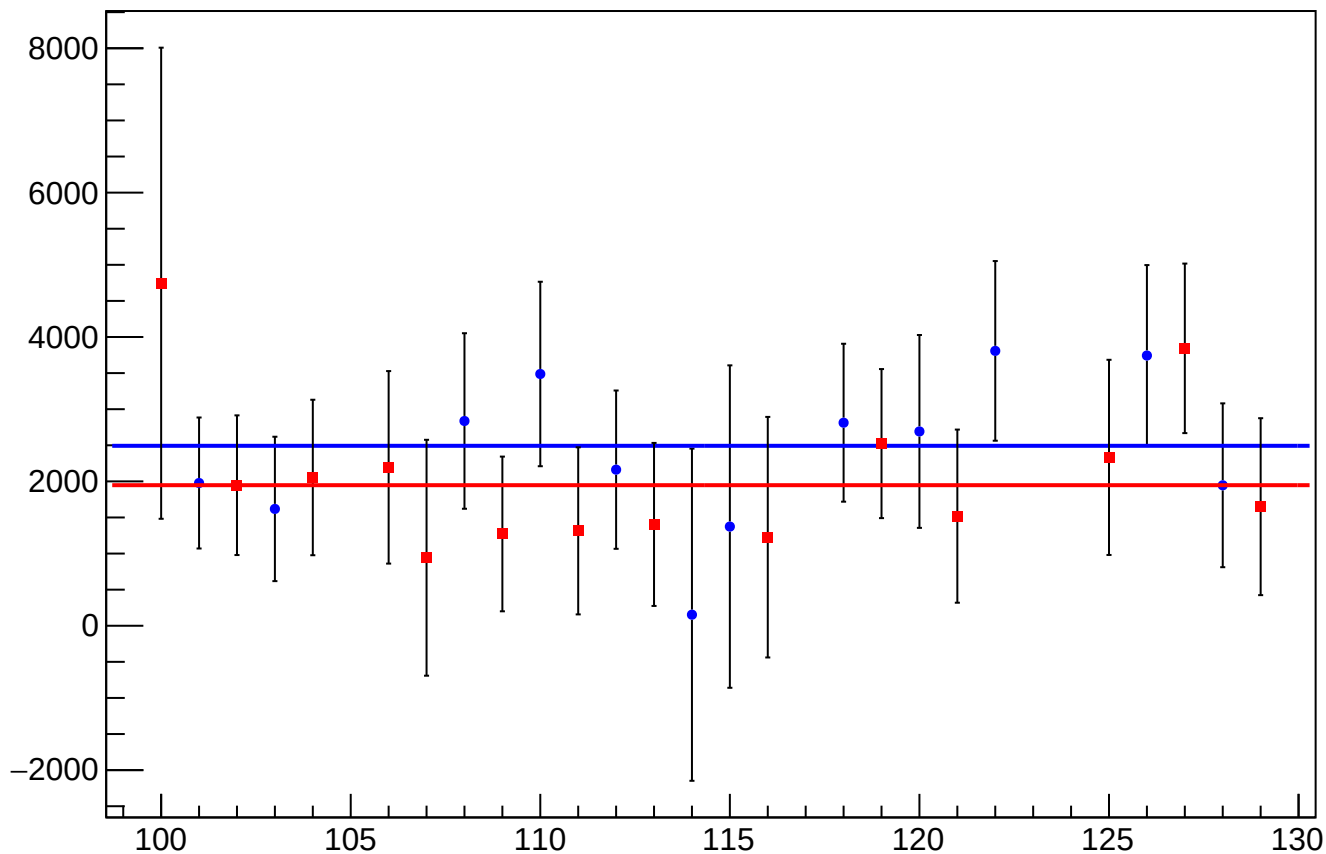
Right: 1142.972+/-0.252 χ^2/NDF : 808678.7/25

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1142.972+/-0.252 χ^2/NDF : 808678.7/25

dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2492.789+/-349.651 χ^2/NDF : 5.6/11

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

Right Out: 1947.264+/-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

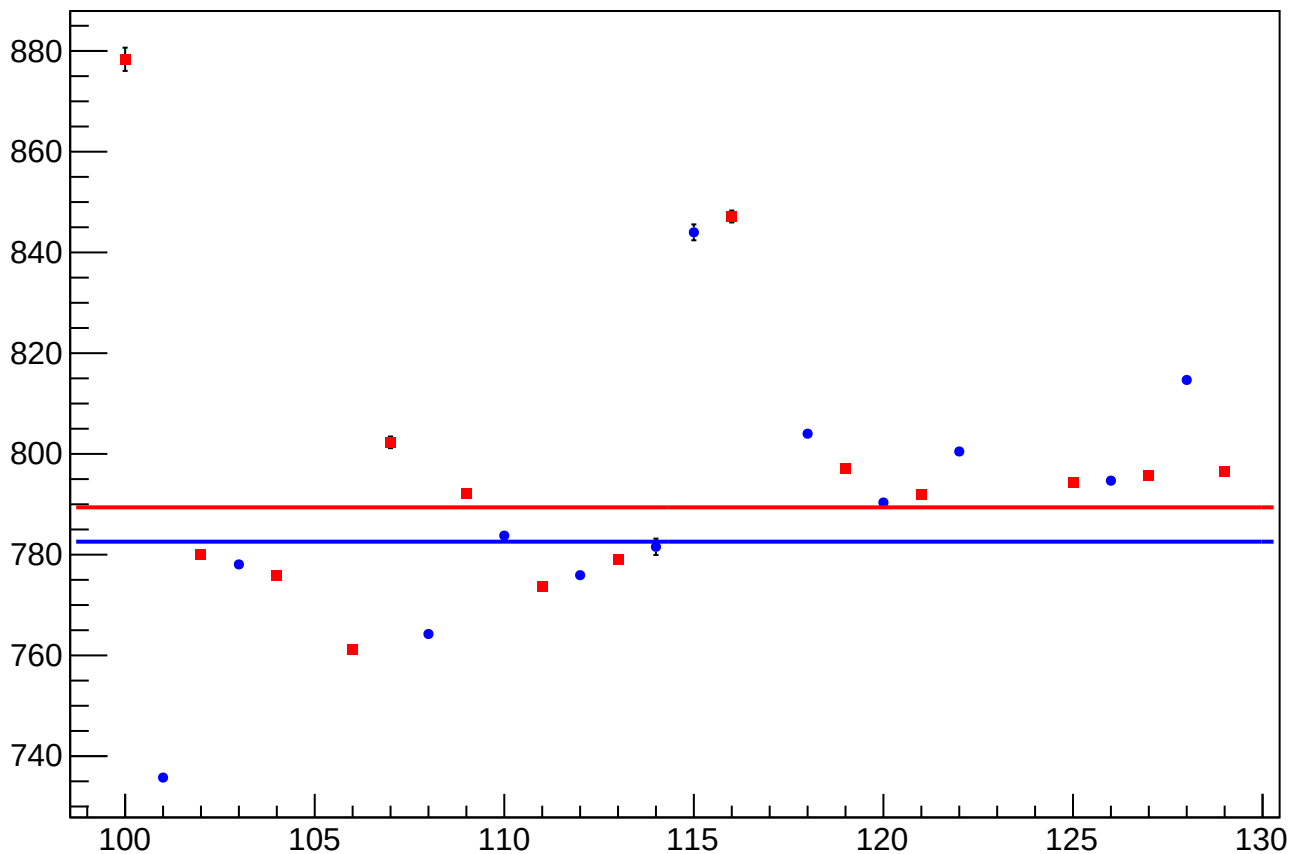
Right: 2202.615+/-239.219 χ^2/NDF : 12.4/25

In: 2492.789+/-349.651 χ^2/NDF : 5.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2202.615+/-239.219 χ^2/NDF : 12.4/25

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

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

Right Out: 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

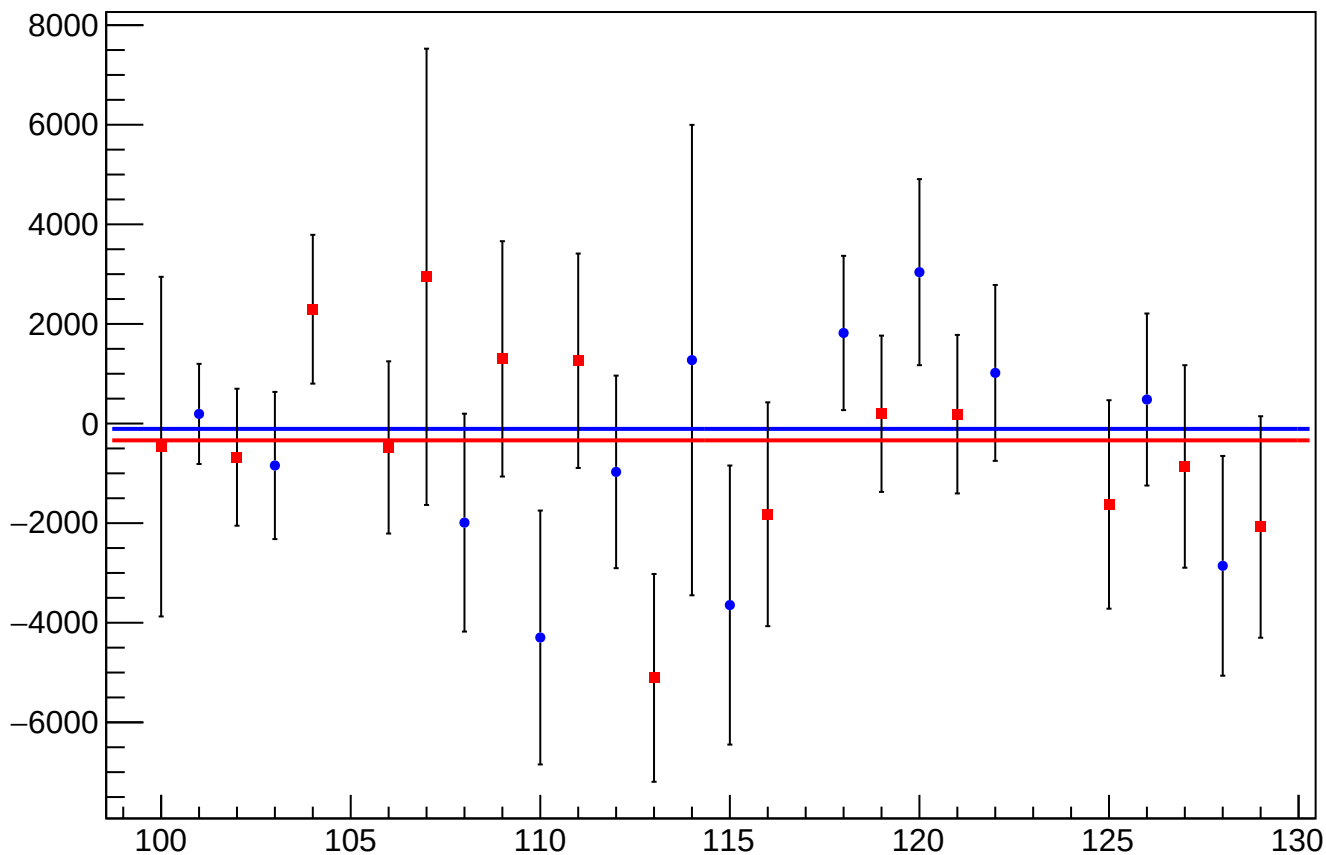
Right: 786.204 $\pm$ 0.169 χ^2 /NDF: 17083.5/25

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 786.204 $\pm$ 0.169 χ^2 /NDF: 17083.5/25

asym_us_avg_dit_correction_mean vs Slug, Sign Corrected



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

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

Right Out: -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

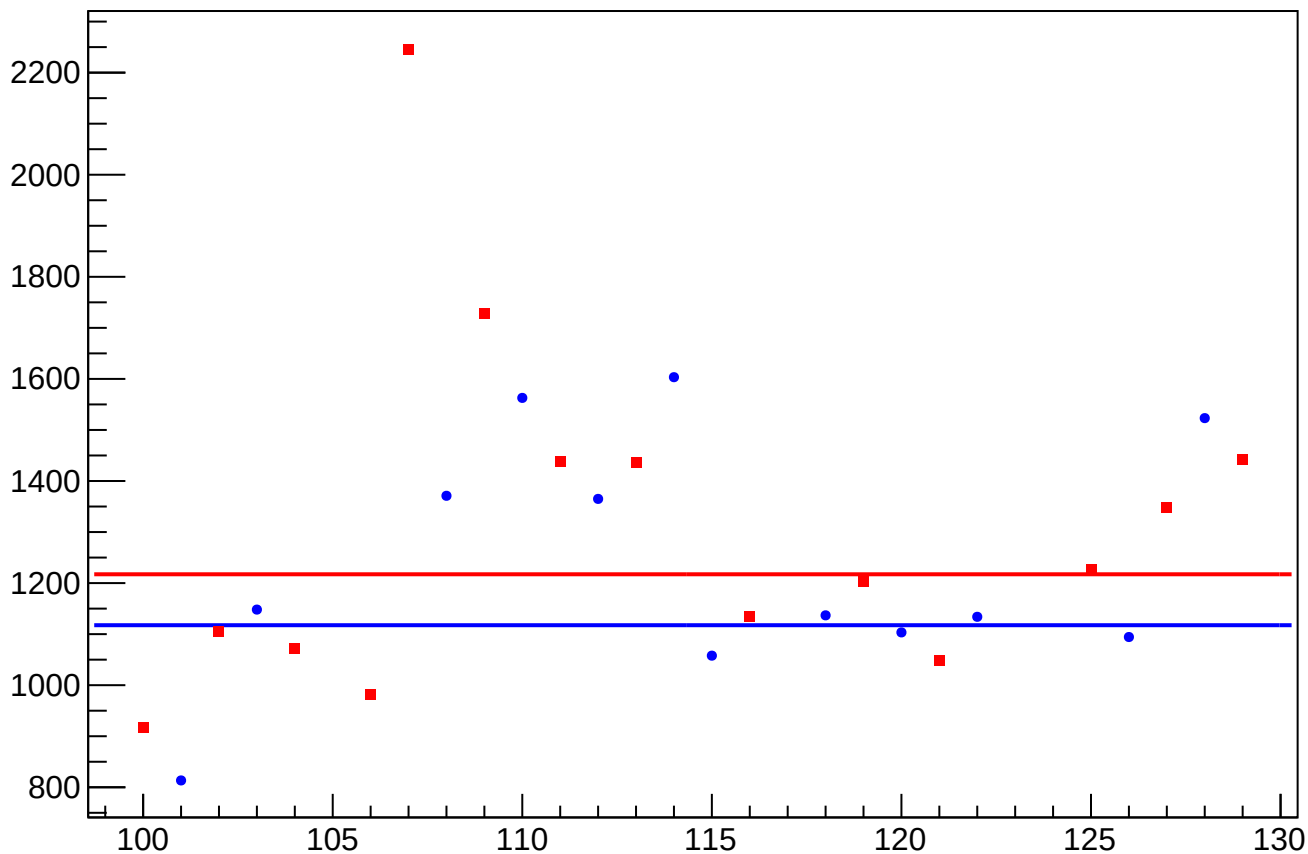
Right: -221.319+/-363.823 χ^2/NDF : 23.9/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -221.319+/-363.823 χ^2/NDF : 23.9/25

asym_us_avg_dit_correction_rms vs Slug, Sign Corrected



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

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

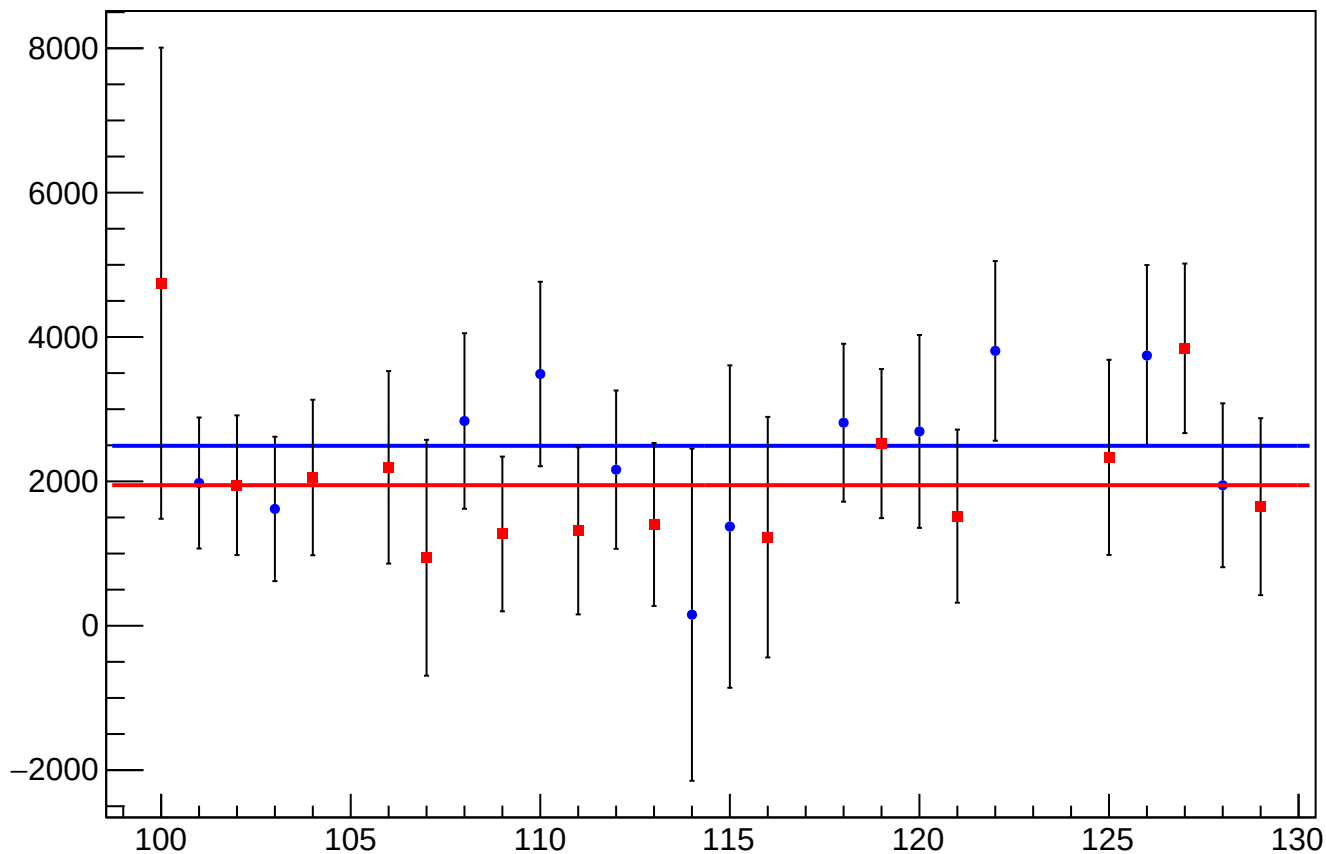
Right: 1166.895+/-0.257 χ^2/NDF : 809058.8/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1166.895+/-0.257 χ^2/NDF : 809058.8/25

eigen_dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2492.791+/-349.651 χ^2/NDF : 5.6/11

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

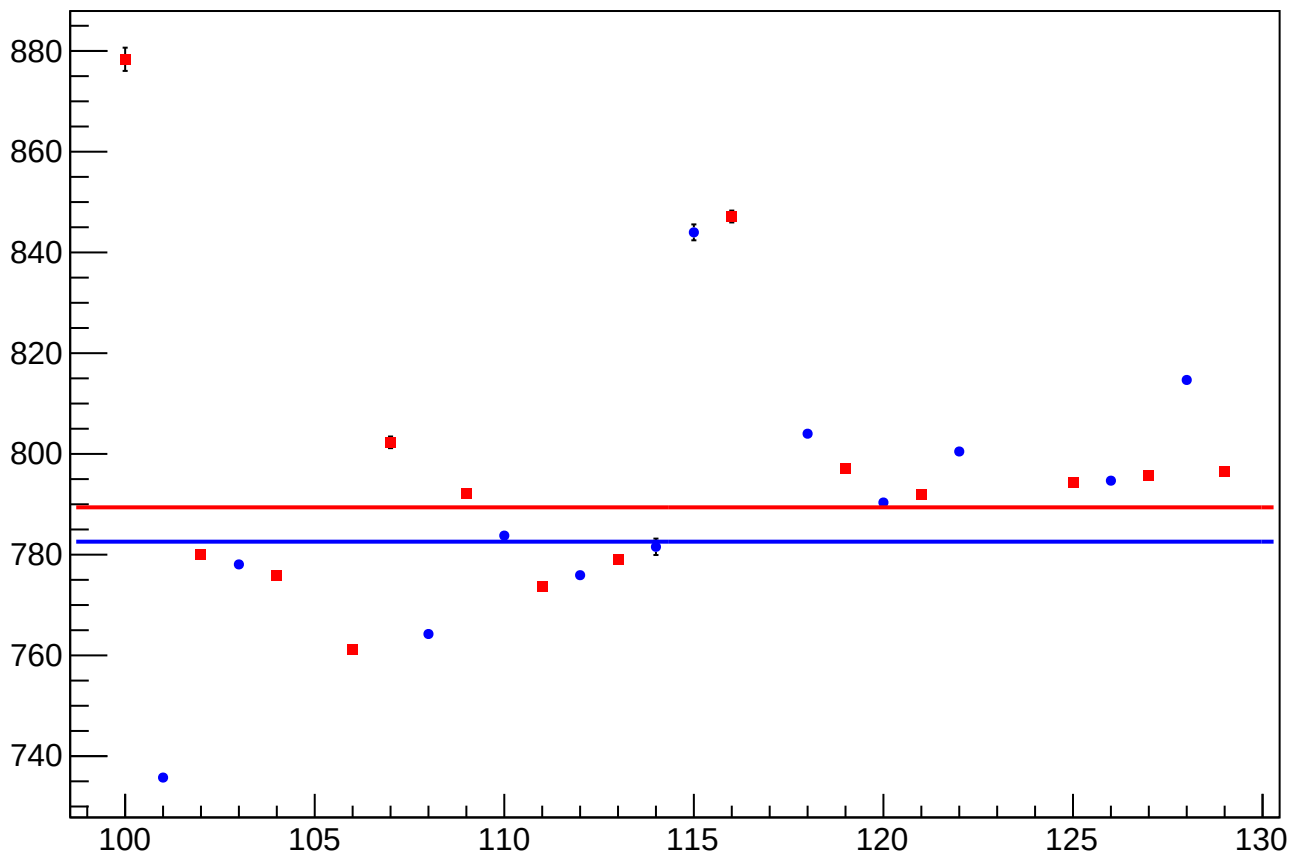
Right: 2202.615+/-239.219 χ^2/NDF : 12.4/25

In: 2492.791+/-349.651 χ^2/NDF : 5.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2202.615+/-239.219 χ^2/NDF : 12.4/25

eigen_dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 782.578+/-0.247 χ^2/NDF : 10448.6/11

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

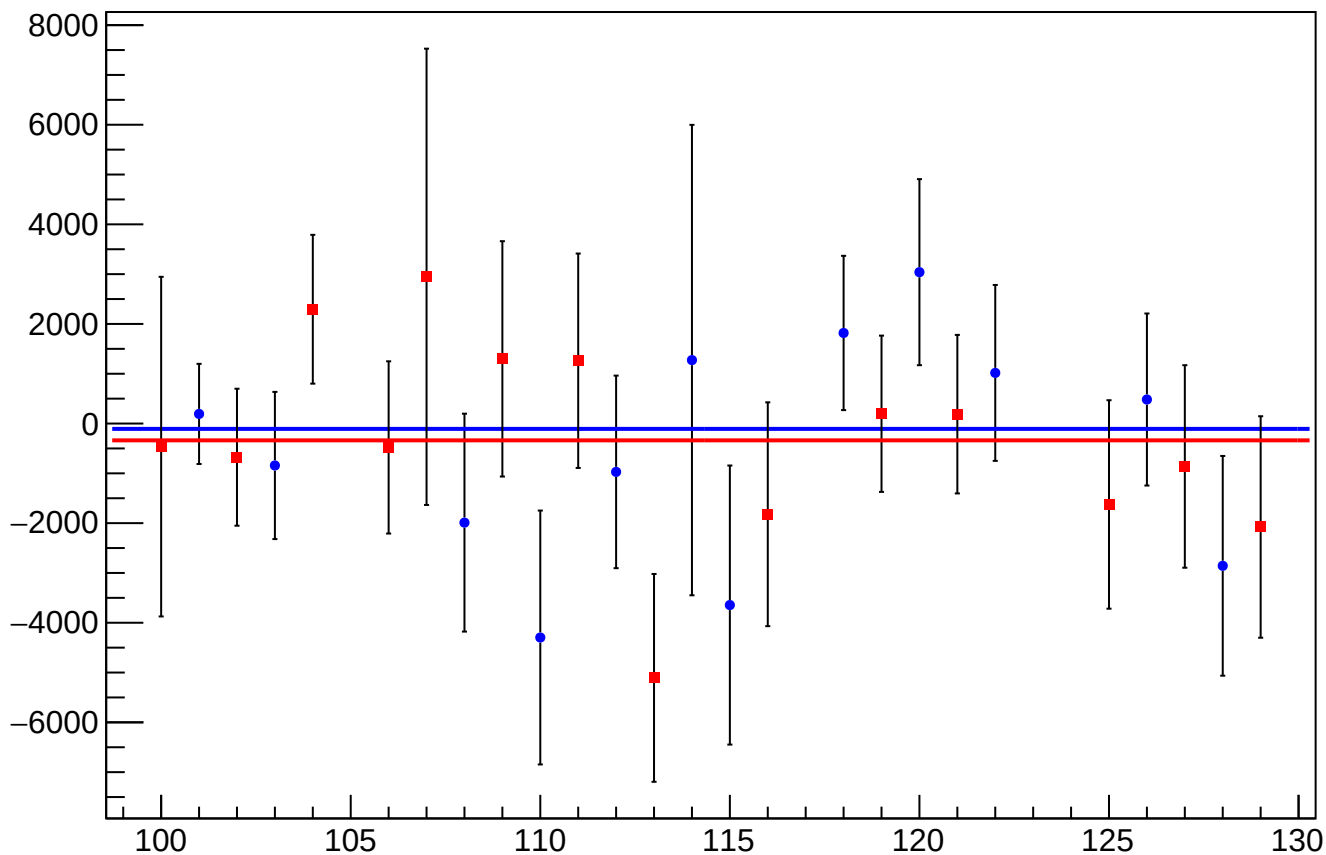
Right: 786.204+/-0.169 χ^2/NDF : 17083.5/25

In: 782.578+/-0.247 χ^2/NDF : 10448.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 786.204+/-0.169 χ^2/NDF : 17083.5/25

asym_us_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



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

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

Right Out: -337.698+/-517.043 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

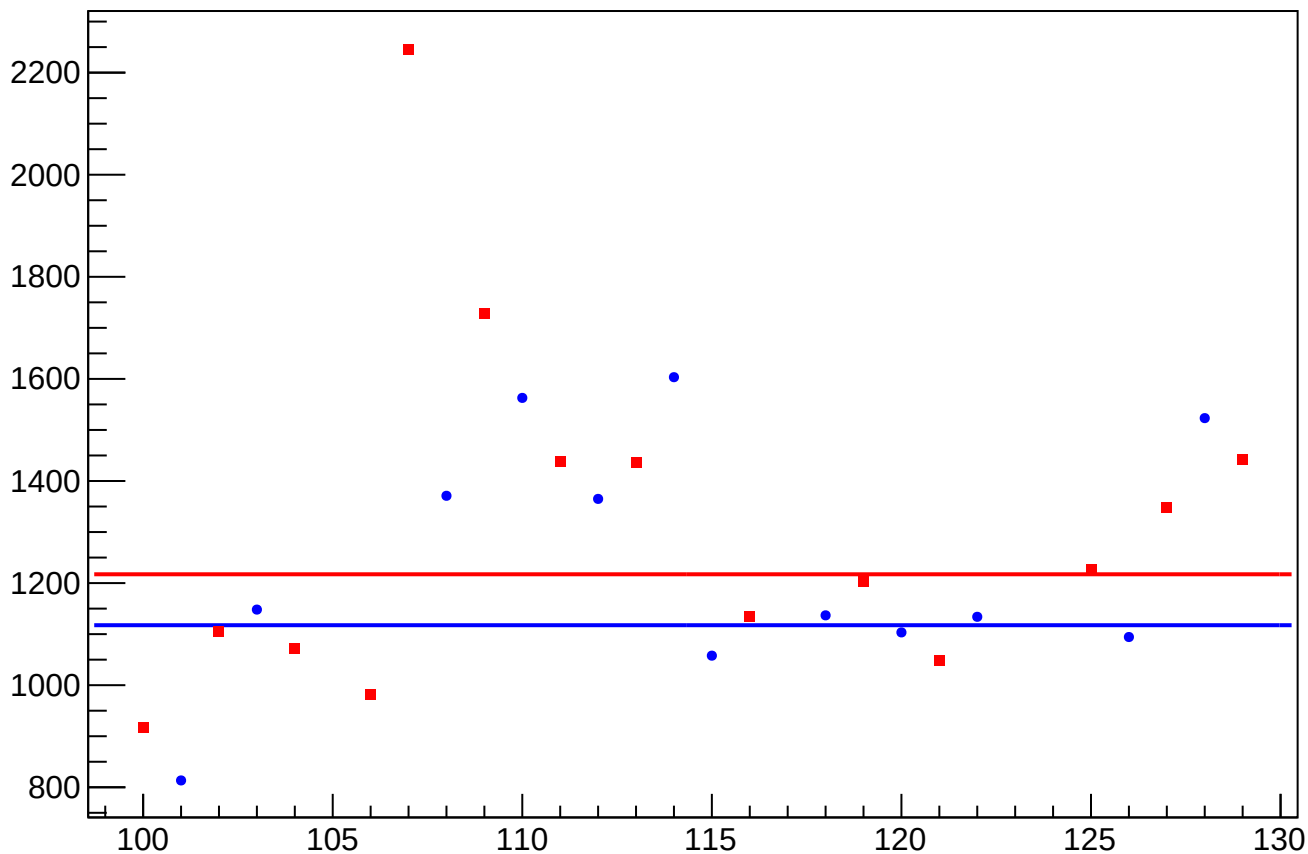
Right: -221.318+/-363.822 χ^2/NDF : 23.9/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -221.318+/-363.822 χ^2/NDF : 23.9/25

asym_us_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



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

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

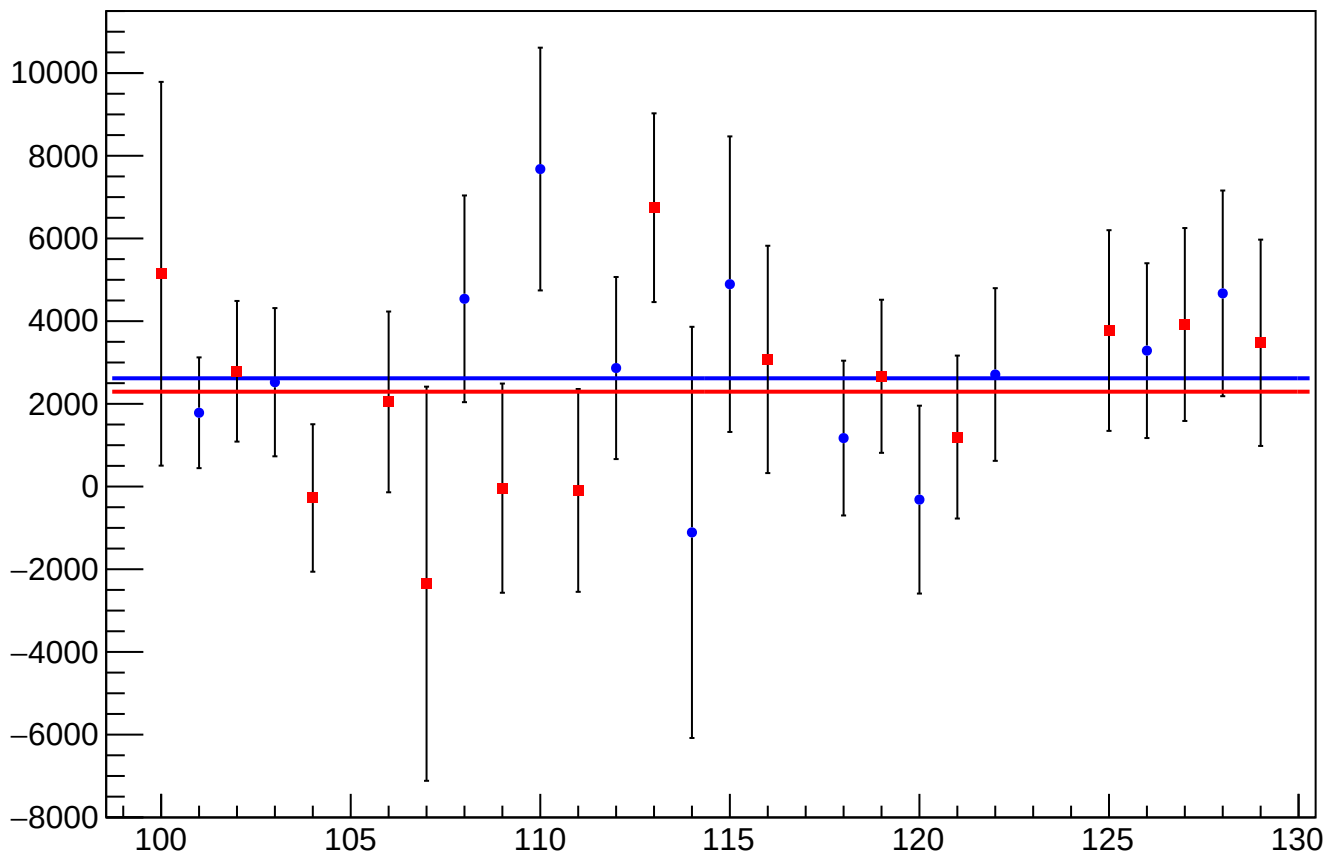
Right: 1166.892+/-0.257 χ^2/NDF : 809053.1/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1166.892+/-0.257 χ^2/NDF : 809053.1/25

asym_us_avg_mean vs Slug, Sign Corrected



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

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

Right Out: 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

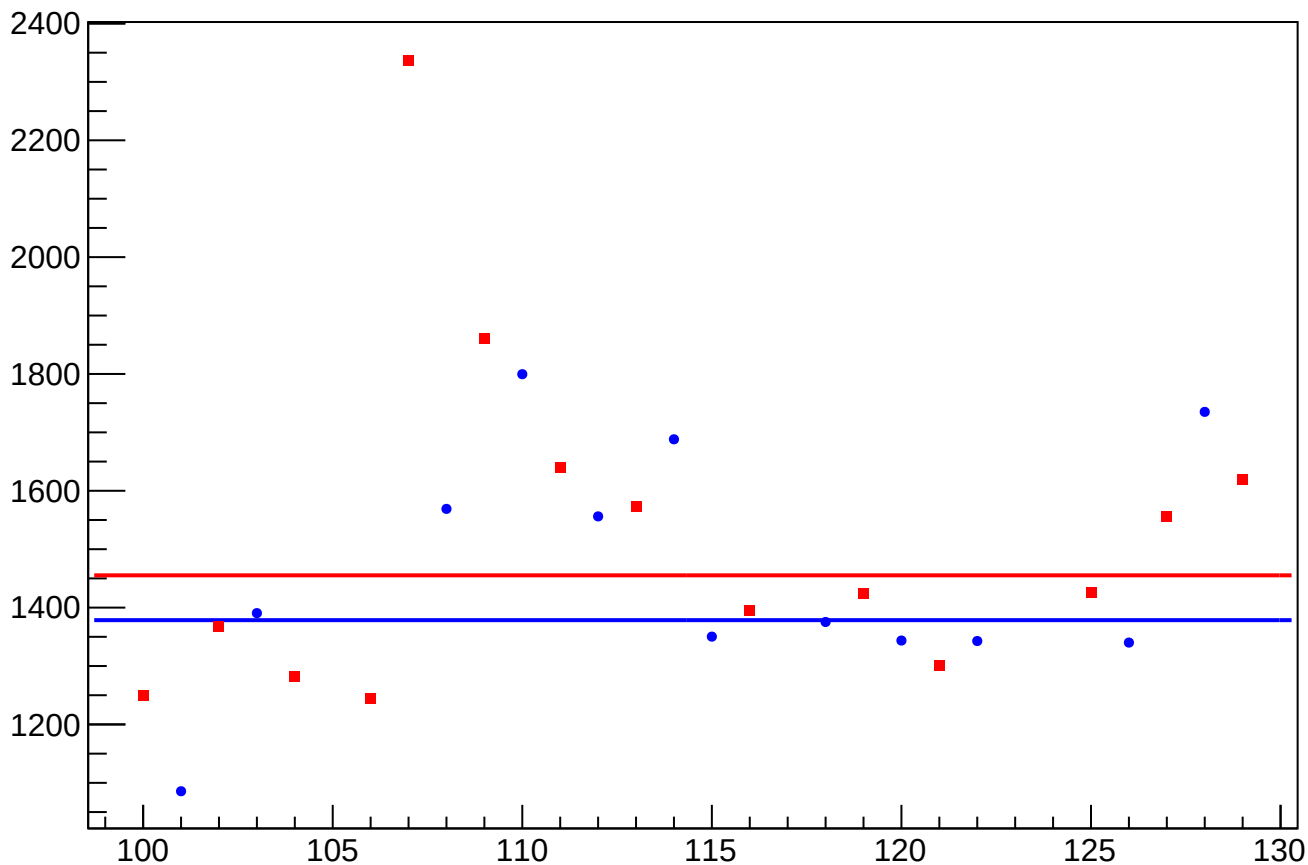
Right: 2452.964+/-437.118 χ^2/NDF : 18.7/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2452.964+/-437.118 χ^2/NDF : 18.7/25

asym_us_avg_rms vs Slug, Sign Corrected



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

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

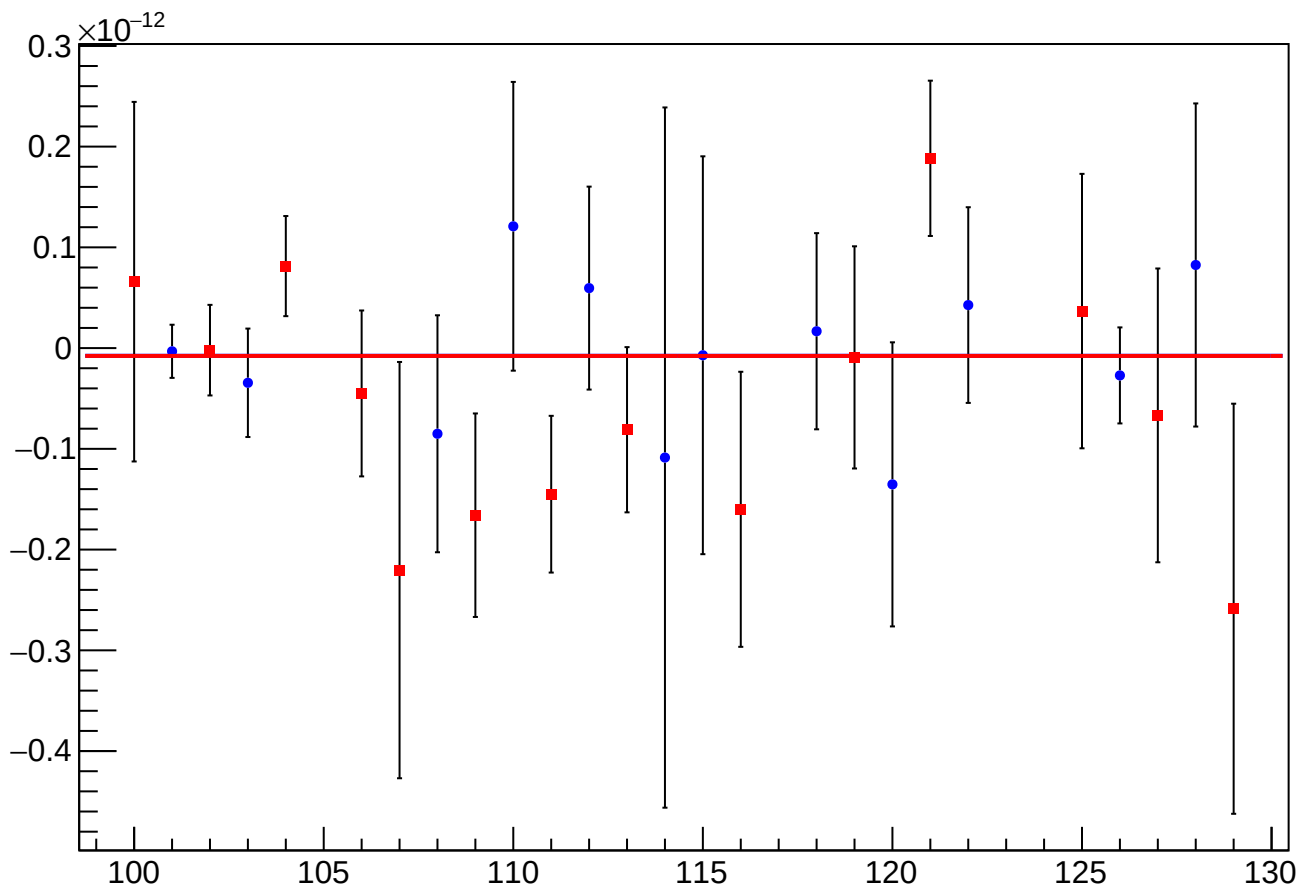
Right: 1417.663+/-0.309 χ^2/NDF : 437281.2/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1417.663+/-0.309 χ^2/NDF : 437281.2/25

asym_us_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.7/11

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

Right Out: -0.000+/-0.000 χ^2/NDF : 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

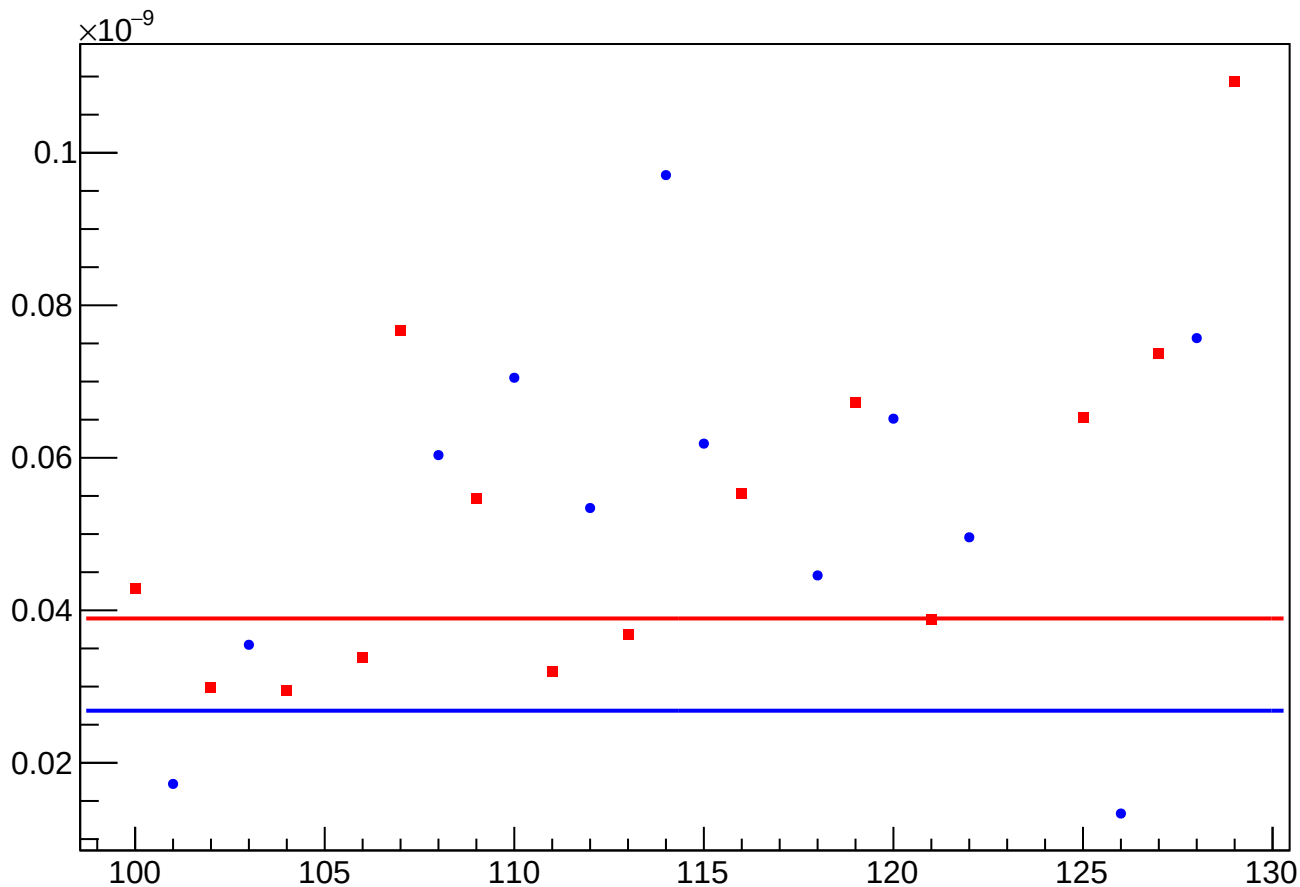
Right: -0.000+/-0.000 χ^2/NDF : 24.2/25

In: -0.000+/-0.000 χ^2/NDF : 3.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.2/25

asym_us_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 0.000+/-0.000 χ^2/NDF : 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

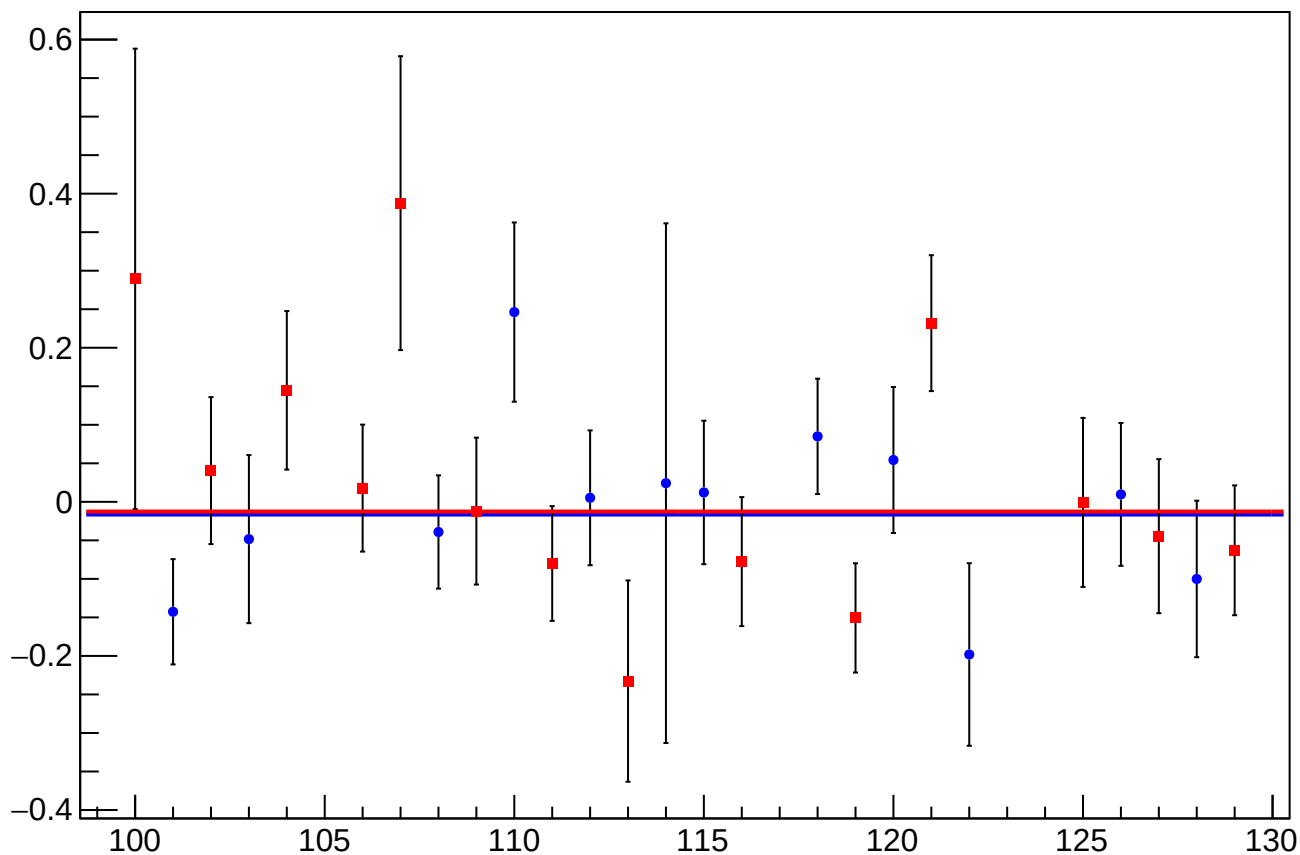
Right: 0.000+/-0.000 χ^2/NDF : 2833676.2/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2833676.2/25

asym_us_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 ± 0.027 $\chi^2/\text{NDF}: 14.4/11$

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

Right Out: -0.013 ± 0.026 $\chi^2/\text{NDF}: 24.4/13$

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

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

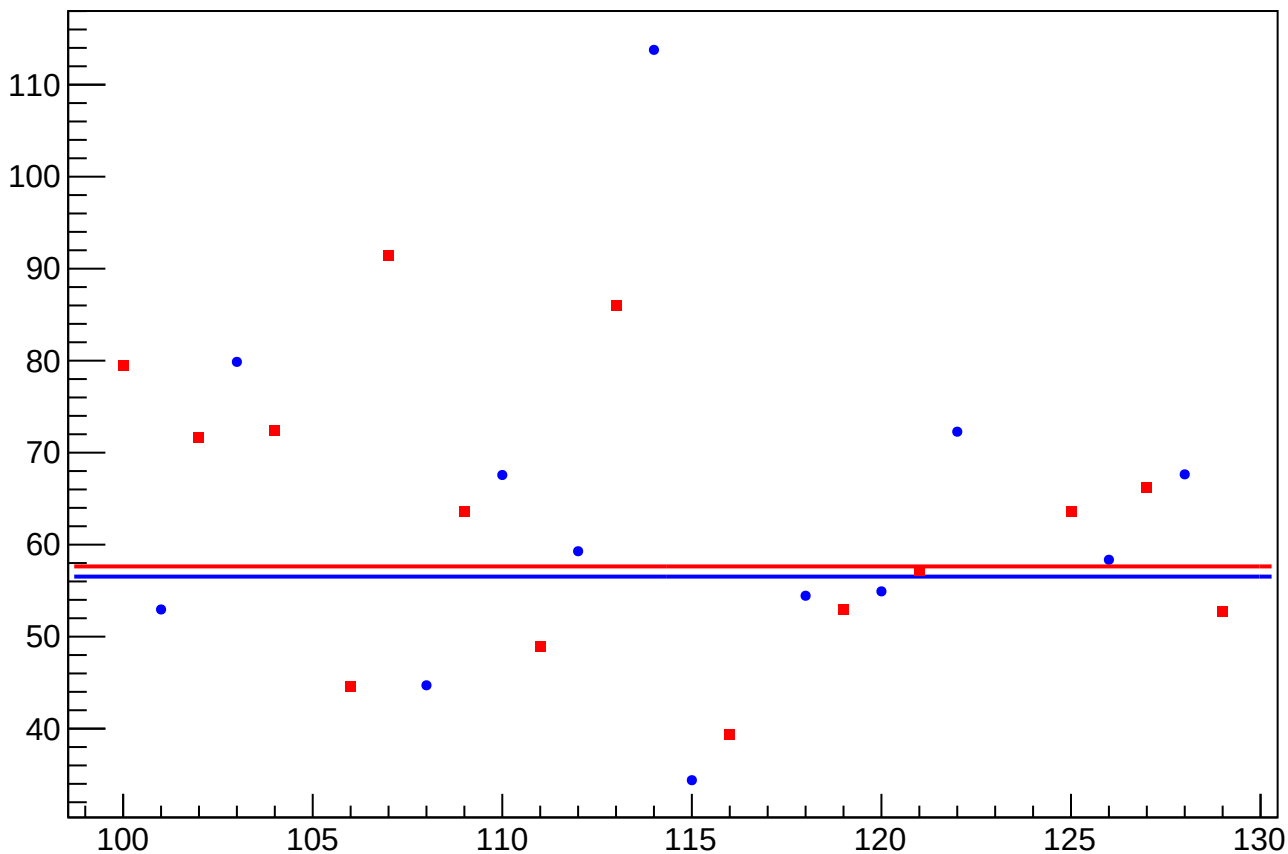
Right: -0.014 ± 0.019 $\chi^2/\text{NDF}: 38.8/25$

In: -0.016 ± 0.027 $\chi^2/\text{NDF}: 14.4/11$

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

All: -0.014 ± 0.019 $\chi^2/\text{NDF}: 38.8/25$

asym_us_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 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

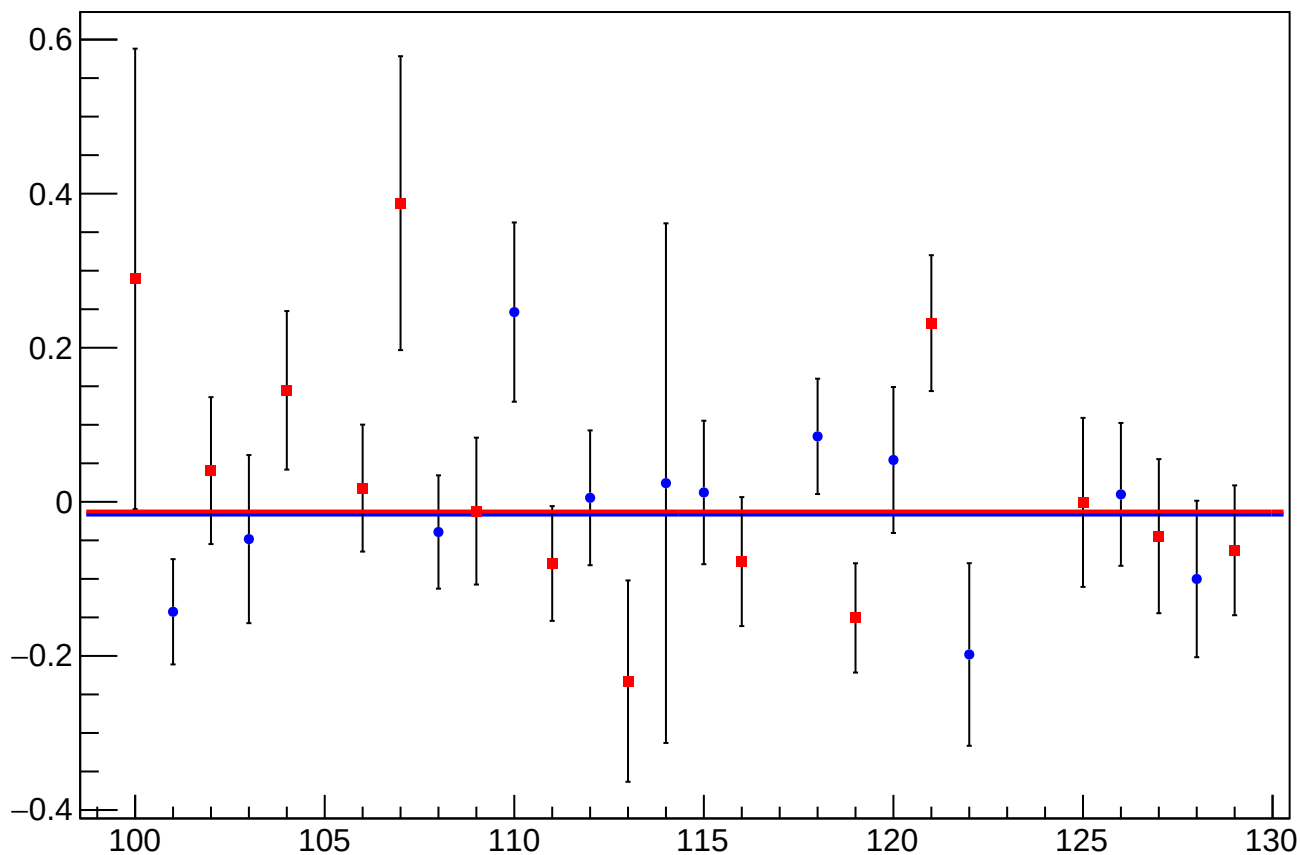
Right: 57.109+/-0.013 χ^2/NDF : 872047.9/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.109+/-0.013 χ^2/NDF : 872047.9/25

asym_us_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.013 ± 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

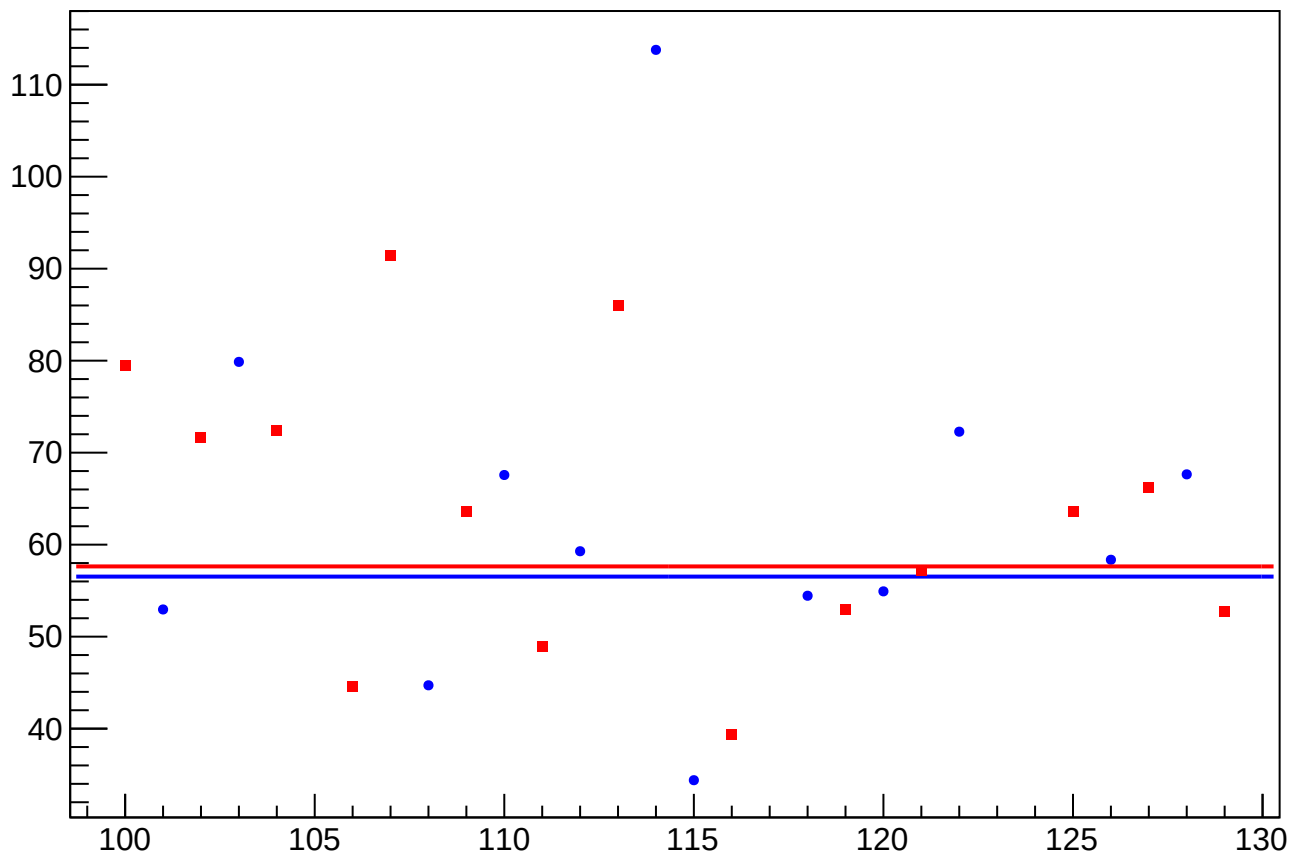
Right: -0.014 ± 0.019 χ^2/NDF : 38.8/25

In: -0.016 ± 0.027 χ^2/NDF : 14.4/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.014 ± 0.019 χ^2/NDF : 38.8/25

asym_us_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 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

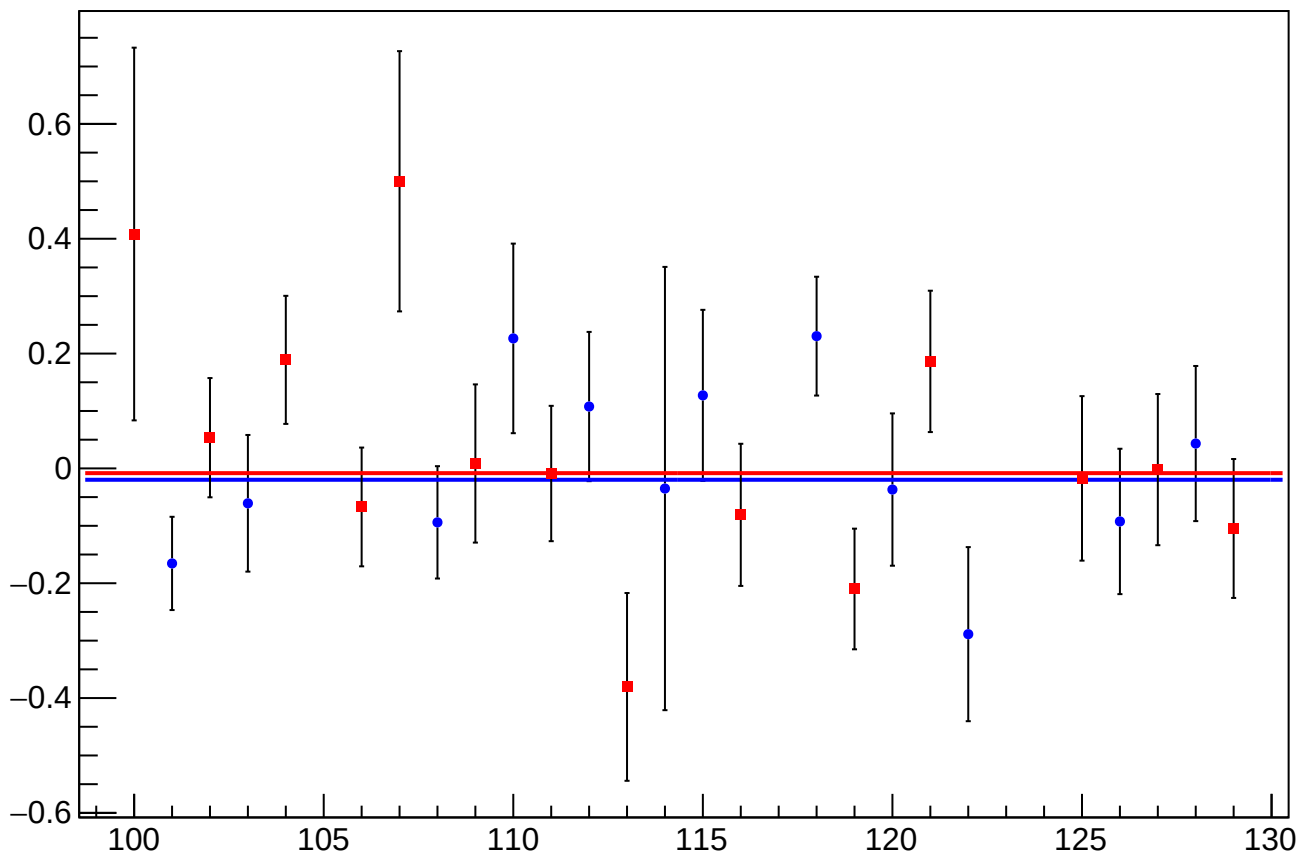
Right: 57.109+/-0.013 χ^2/NDF : 872047.9/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.109+/-0.013 χ^2/NDF : 872047.9/25

asym_us_avg_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.008 ± 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

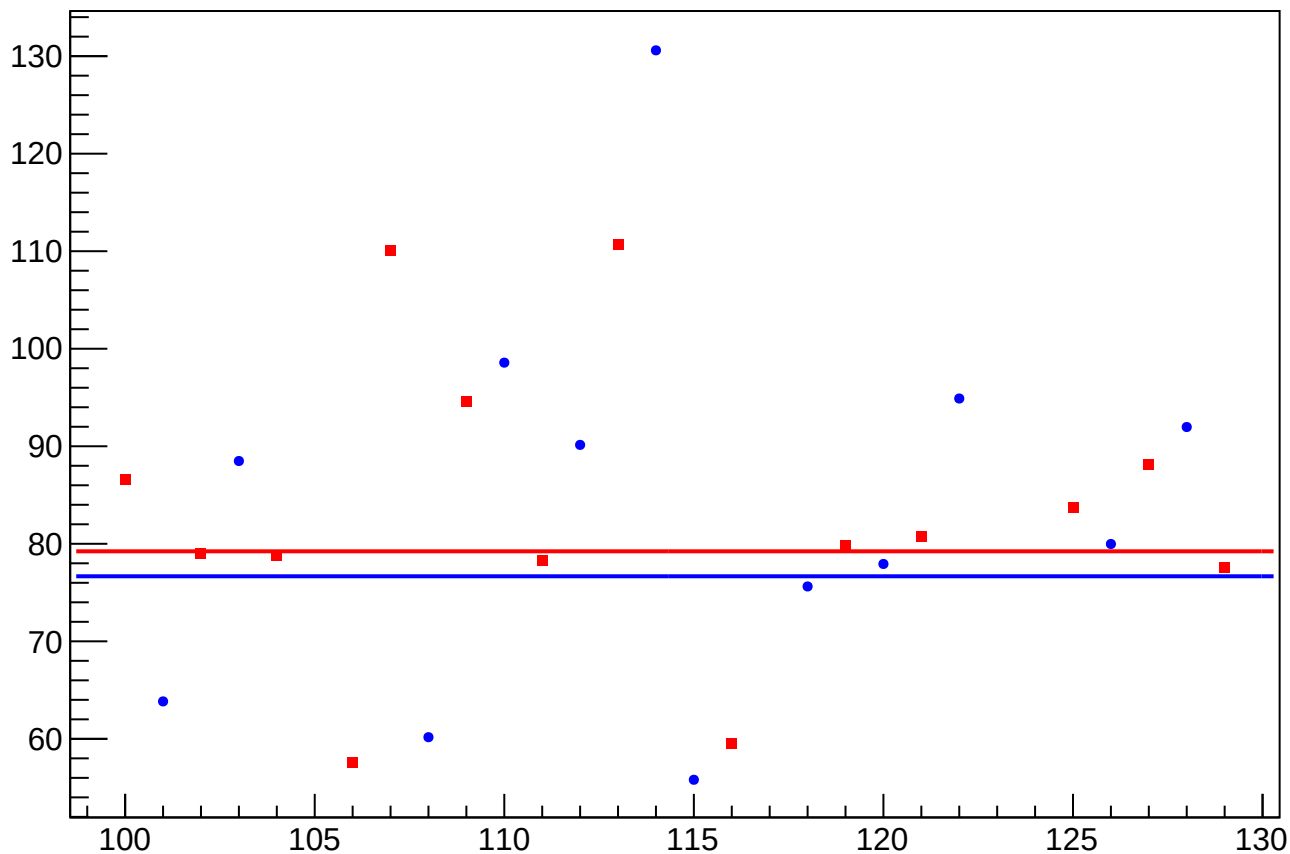
Right: -0.014 ± 0.025 χ^2/NDF : 40.5/25

In: -0.020 ± 0.036 χ^2/NDF : 17.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.014 ± 0.025 χ^2/NDF : 40.5/25

asym_us_avg_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 79.230+/-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

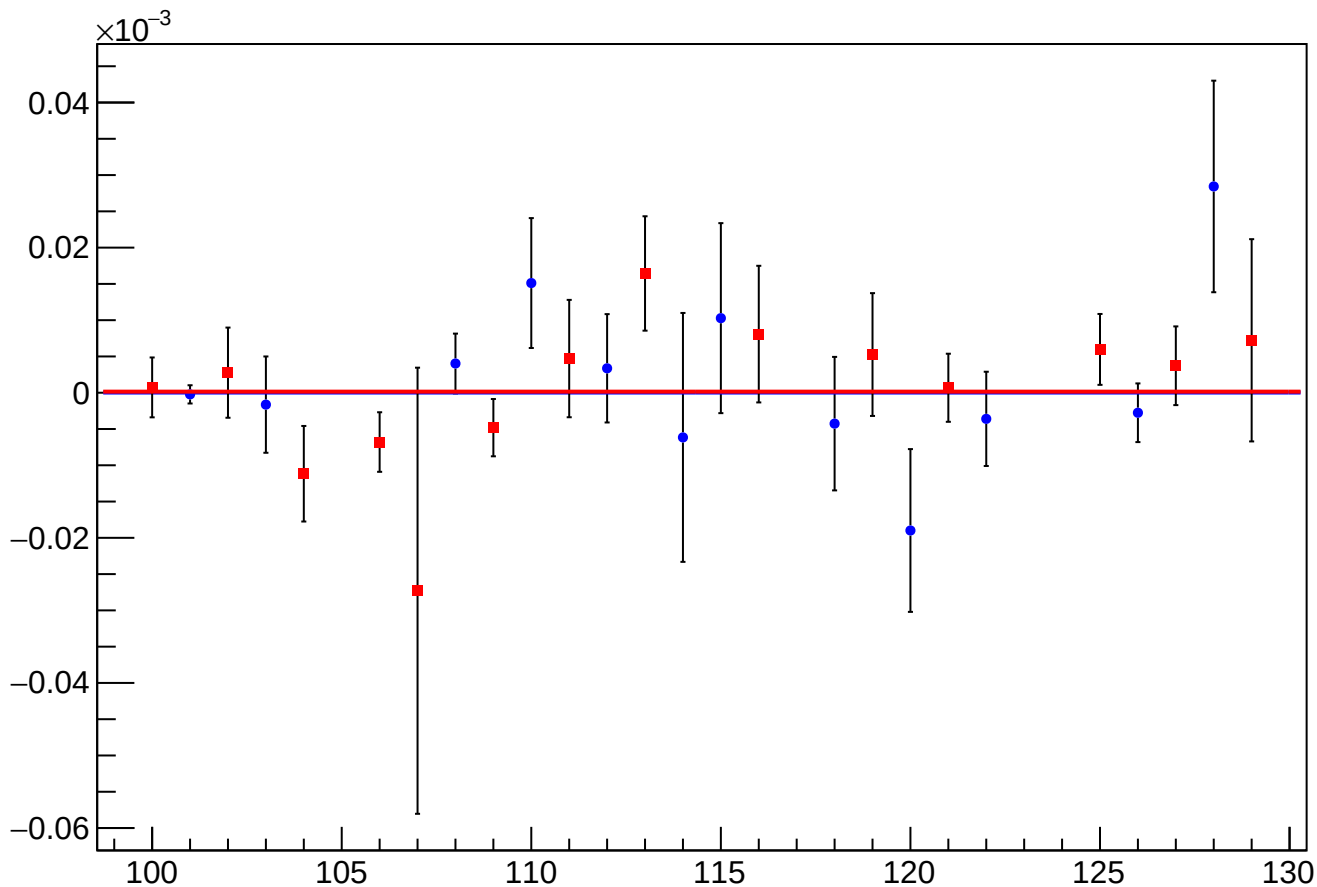
Right: 78.003+/-0.017 χ^2/NDF : 610320.0/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.003+/-0.017 χ^2/NDF : 610320.0/25

asym_us_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.5/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 16.2/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

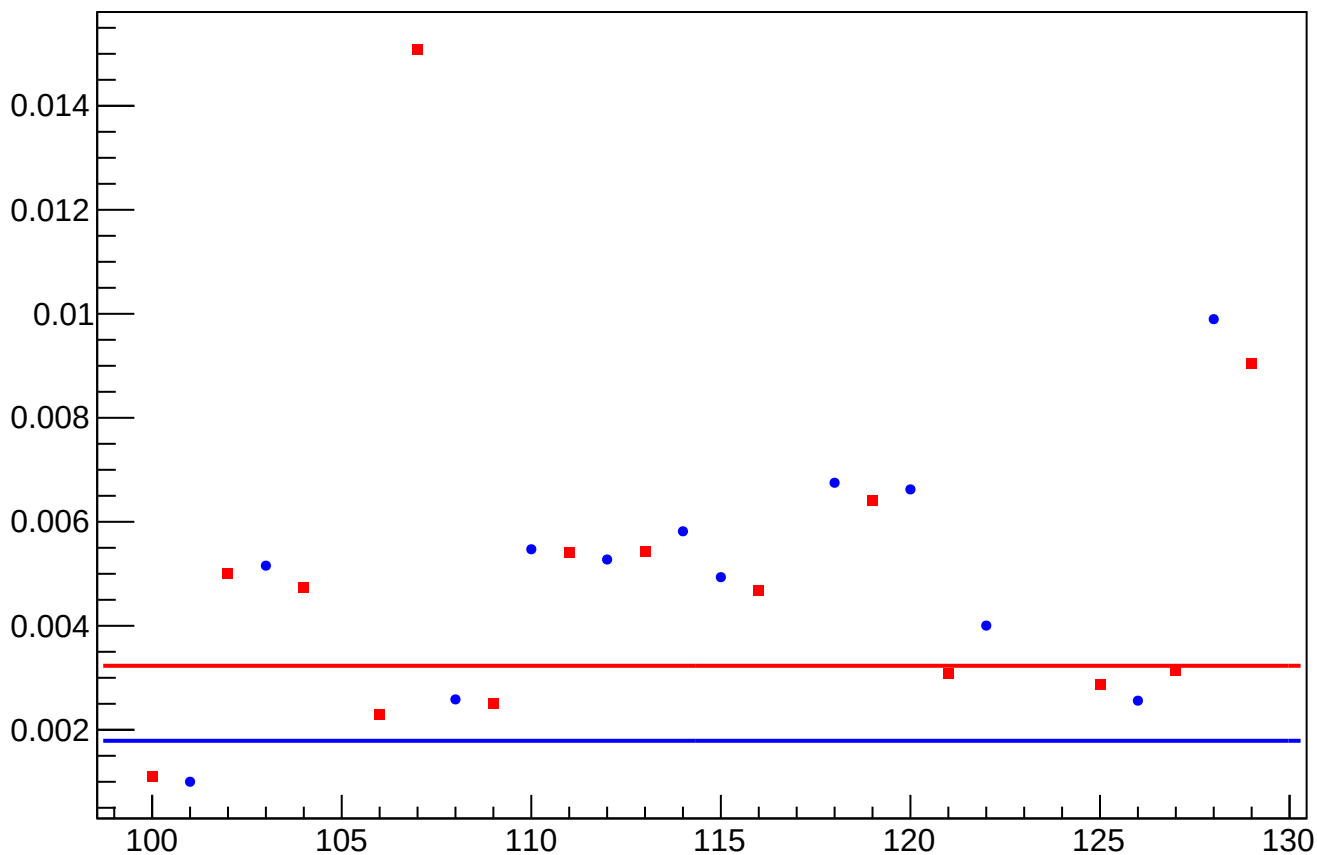
Right: 0.000+/-0.000 χ^2/NDF : 28.7/25

In: 0.000+/-0.000 χ^2/NDF : 12.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.7/25

asym_us_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 4252684.3/11

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

Right Out: 0.003+/-0.000 χ^2/NDF : 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

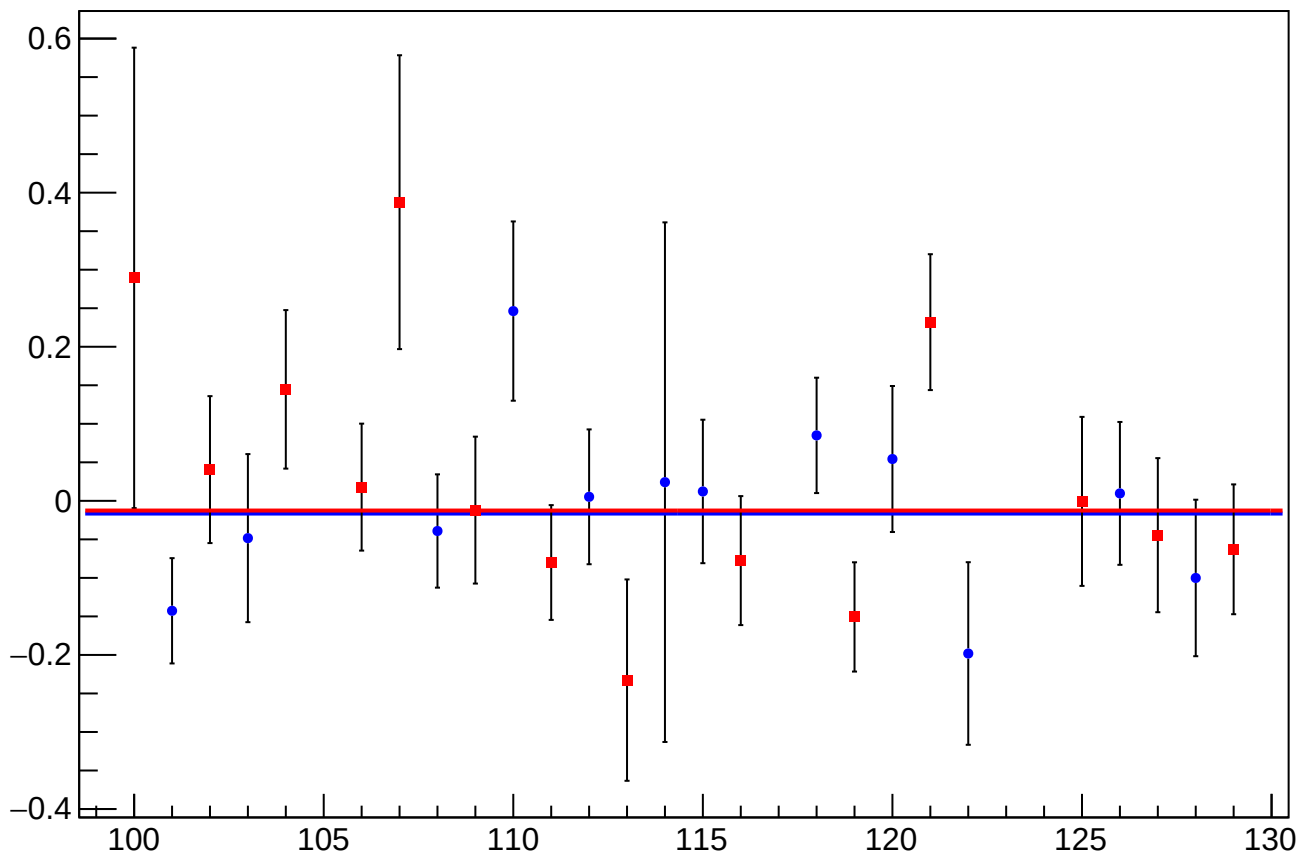
Right: 0.002+/-0.000 χ^2/NDF : 7674454.9/25

In: 0.002+/-0.000 χ^2/NDF :4252684.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 7674454.9/25

asym_us_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 ± 0.027 $\chi^2/\text{NDF}: 14.4/11$

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

Right Out: -0.013 ± 0.026 $\chi^2/\text{NDF}: 24.4/13$

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

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

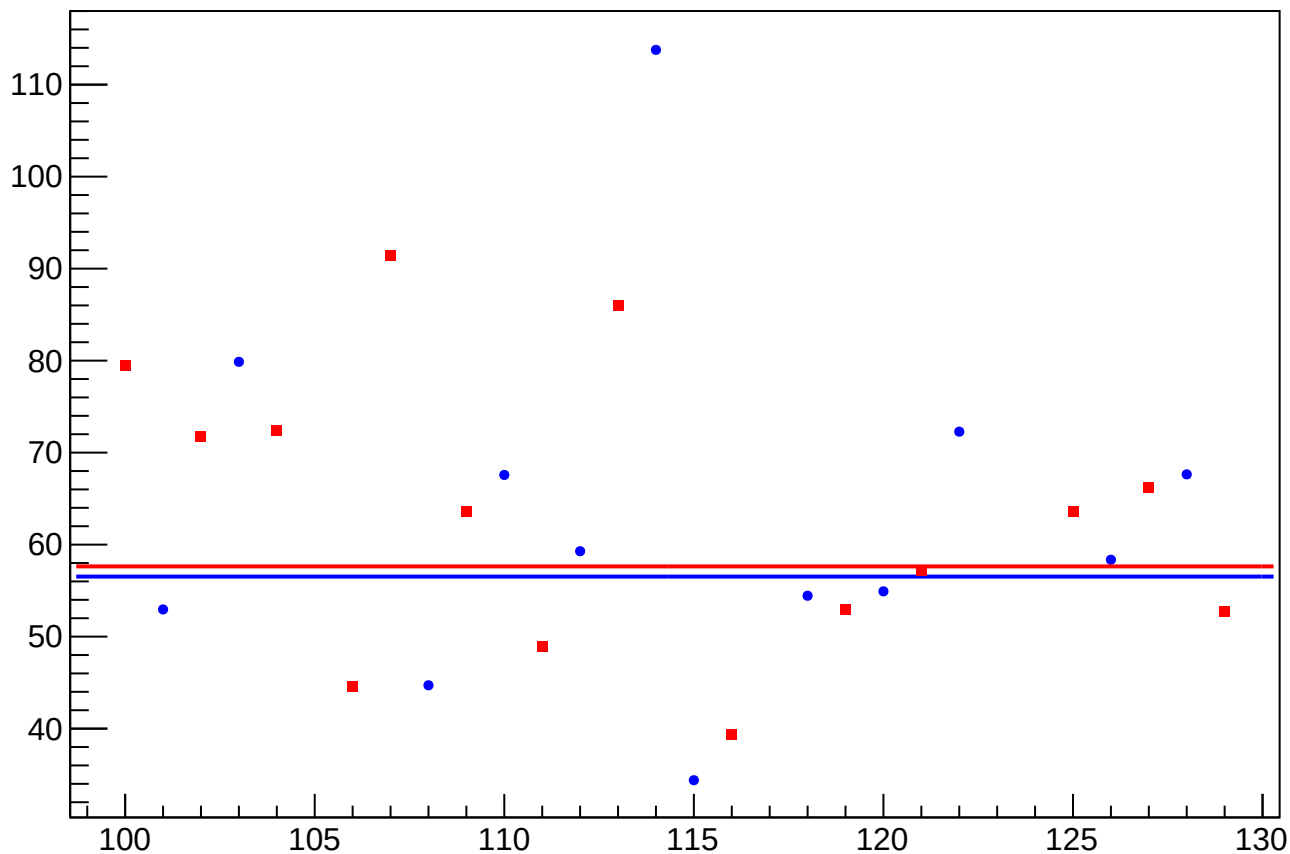
Right: -0.014 ± 0.019 $\chi^2/\text{NDF}: 38.8/25$

In: -0.016 ± 0.027 $\chi^2/\text{NDF}: 14.4/11$

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

All: -0.014 ± 0.019 $\chi^2/\text{NDF}: 38.8/25$

asym_us_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 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

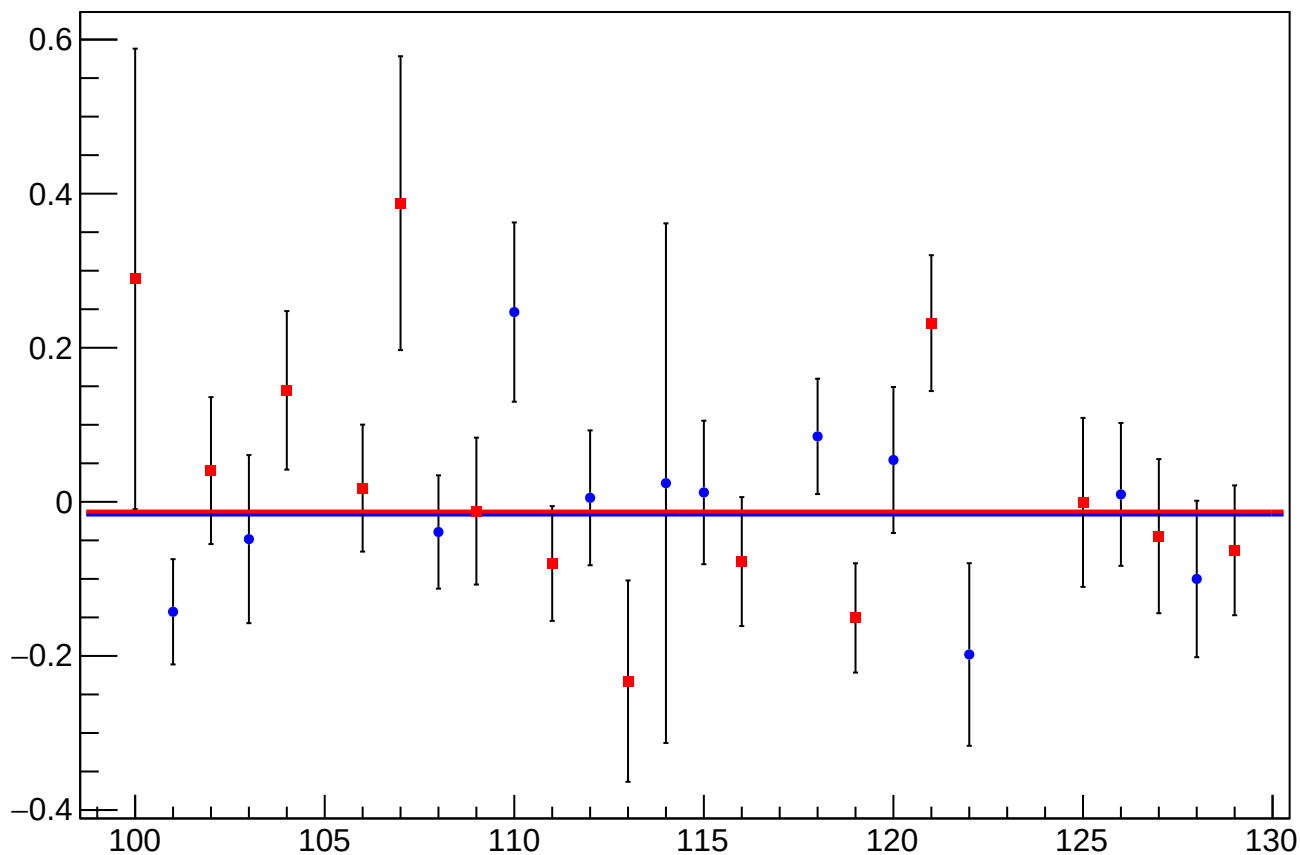
Right: 57.108+/-0.013 χ^2/NDF : 872082.0/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.108+/-0.013 χ^2/NDF : 872082.0/25

asym_us_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.013+/-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

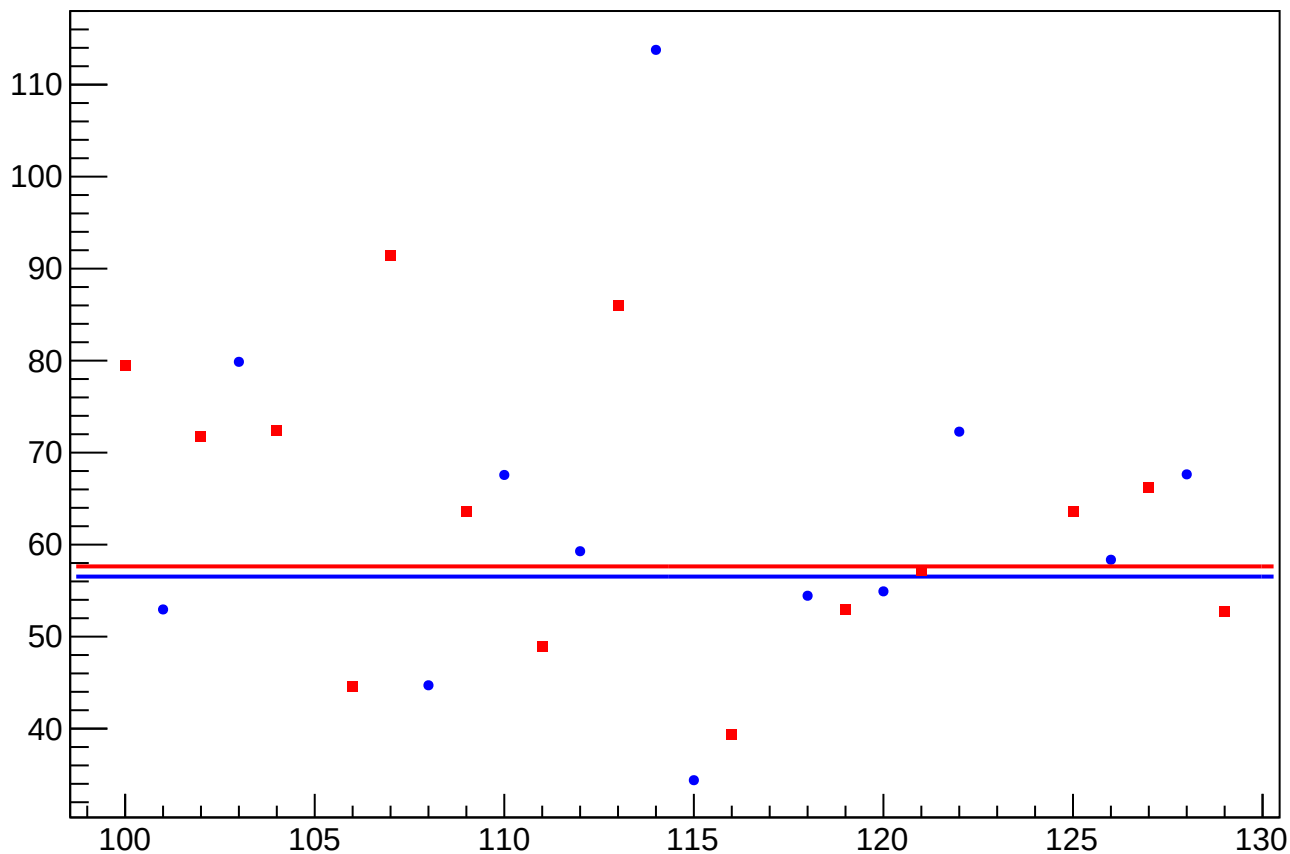
Right: -0.014+/-0.019 χ^2/NDF : 38.8/25

In: -0.016+/-0.027 χ^2/NDF :14.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.014+/-0.019 χ^2/NDF : 38.8/25

asym_us_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 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

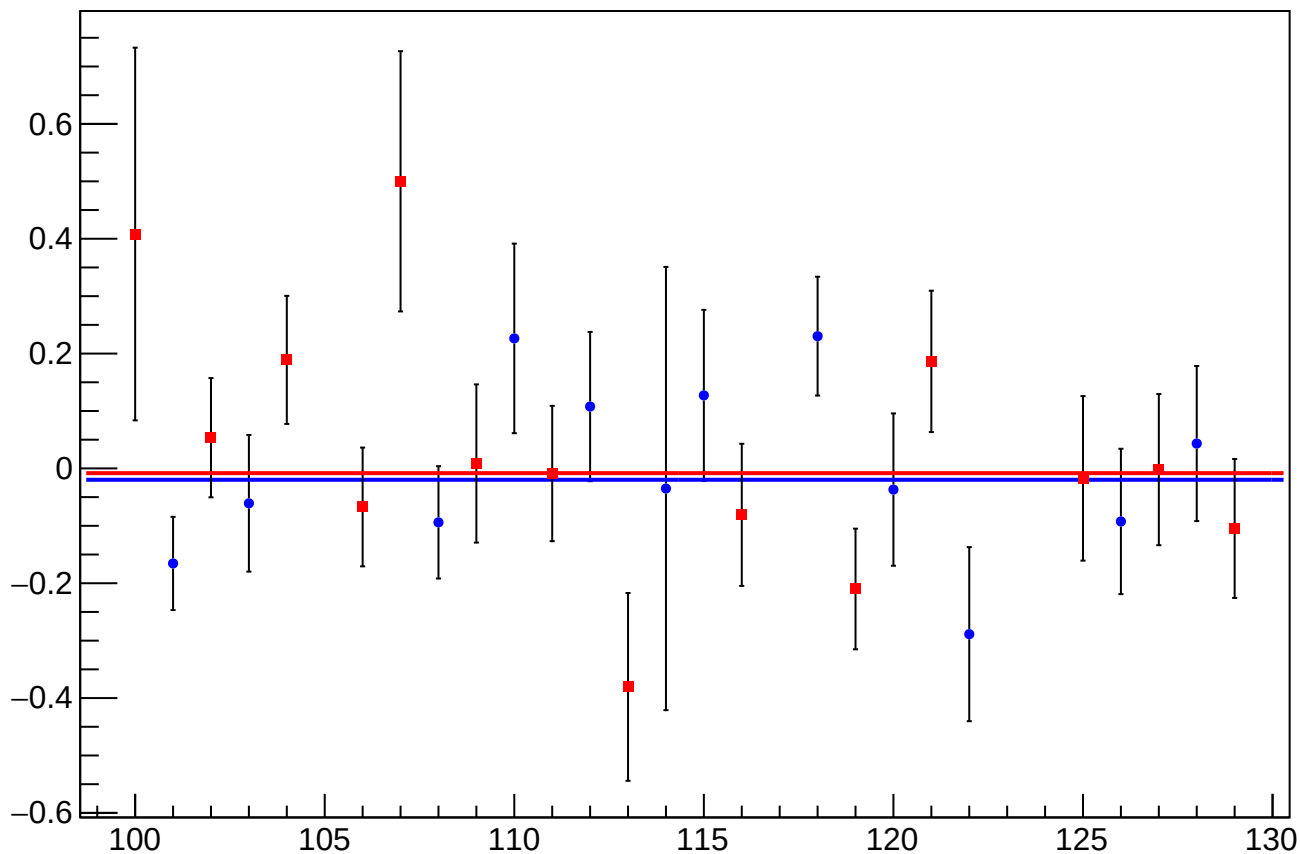
Right: 57.108+/-0.013 χ^2/NDF : 872082.0/25

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 57.108+/-0.013 χ^2/NDF : 872082.0/25

asym_us_avg_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.008 ± 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

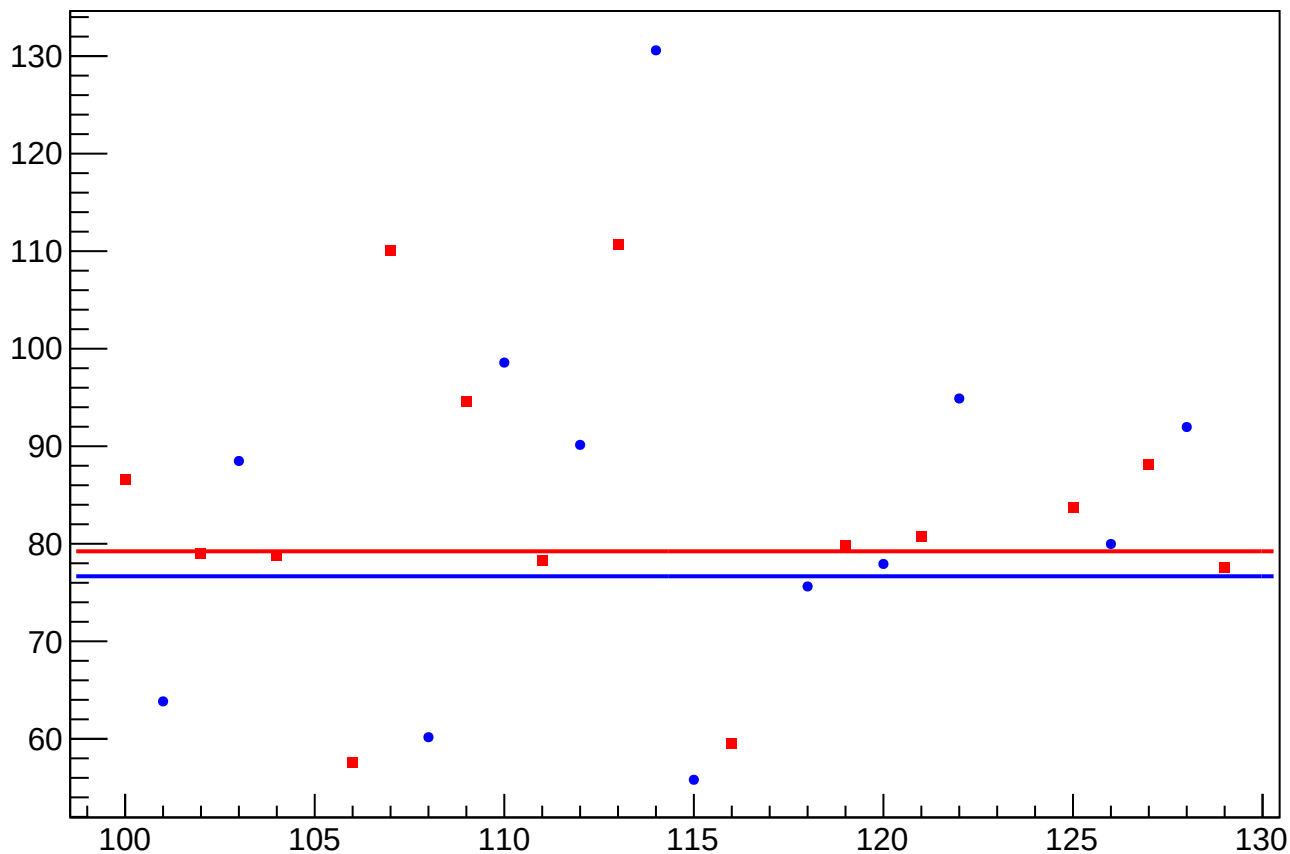
Right: -0.014 ± 0.025 χ^2/NDF : 40.5/25

In: -0.020 ± 0.036 χ^2/NDF : 17.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.014 ± 0.025 χ^2/NDF : 40.5/25

asym_us_avg_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 76.669 $\pm$ 0.025 χ^2 /NDF: 317812.5/11

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

Right Out: 79.229 $\pm$ 0.024 χ^2 /NDF: 287130.5/13

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

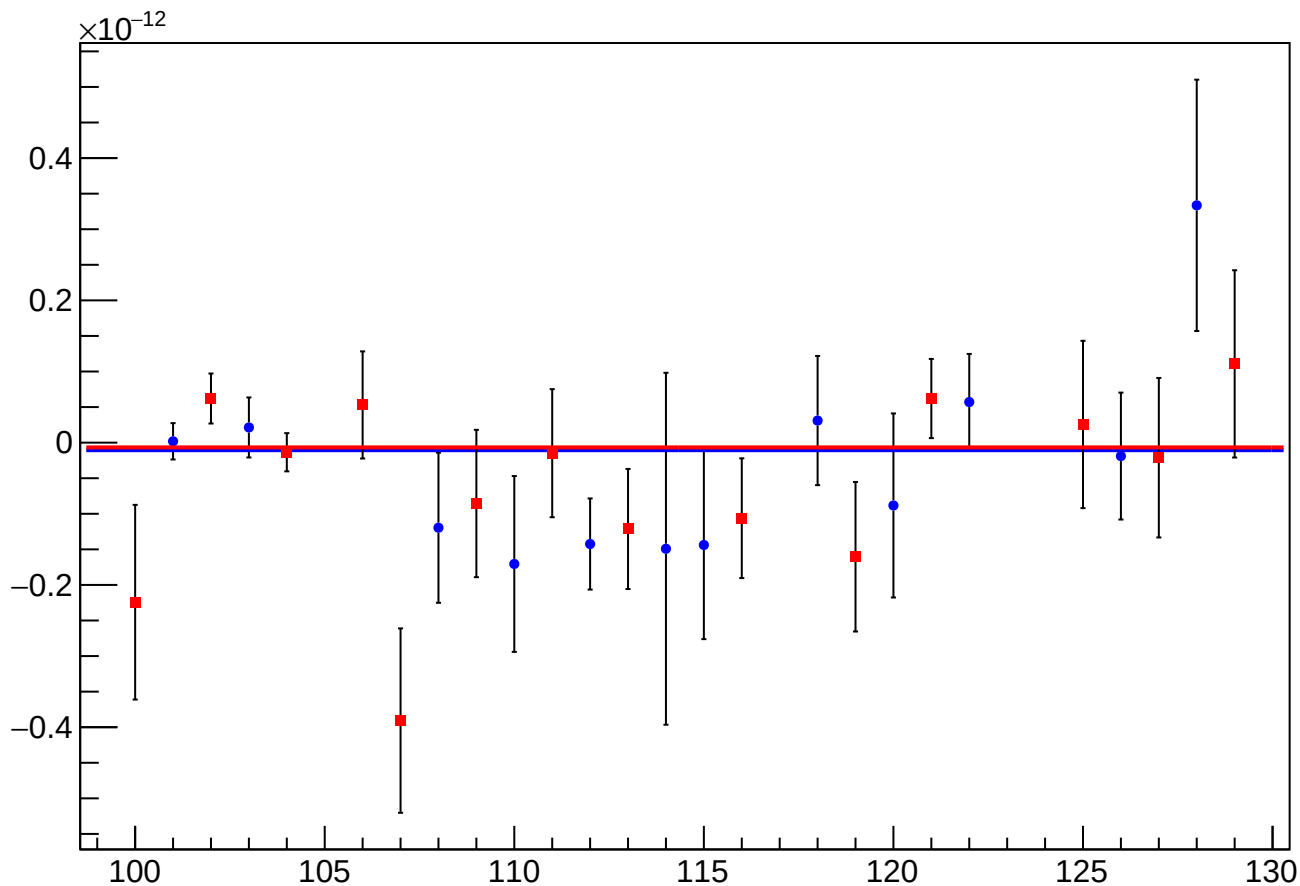
Right: 78.003 $\pm$ 0.017 χ^2 /NDF: 610305.8/25

In: 76.669 $\pm$ 0.025 χ^2 /NDF:317812.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 78.003 $\pm$ 0.017 χ^2 /NDF: 610305.8/25

asym_us_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.000+/-0.000 χ^2/NDF : 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

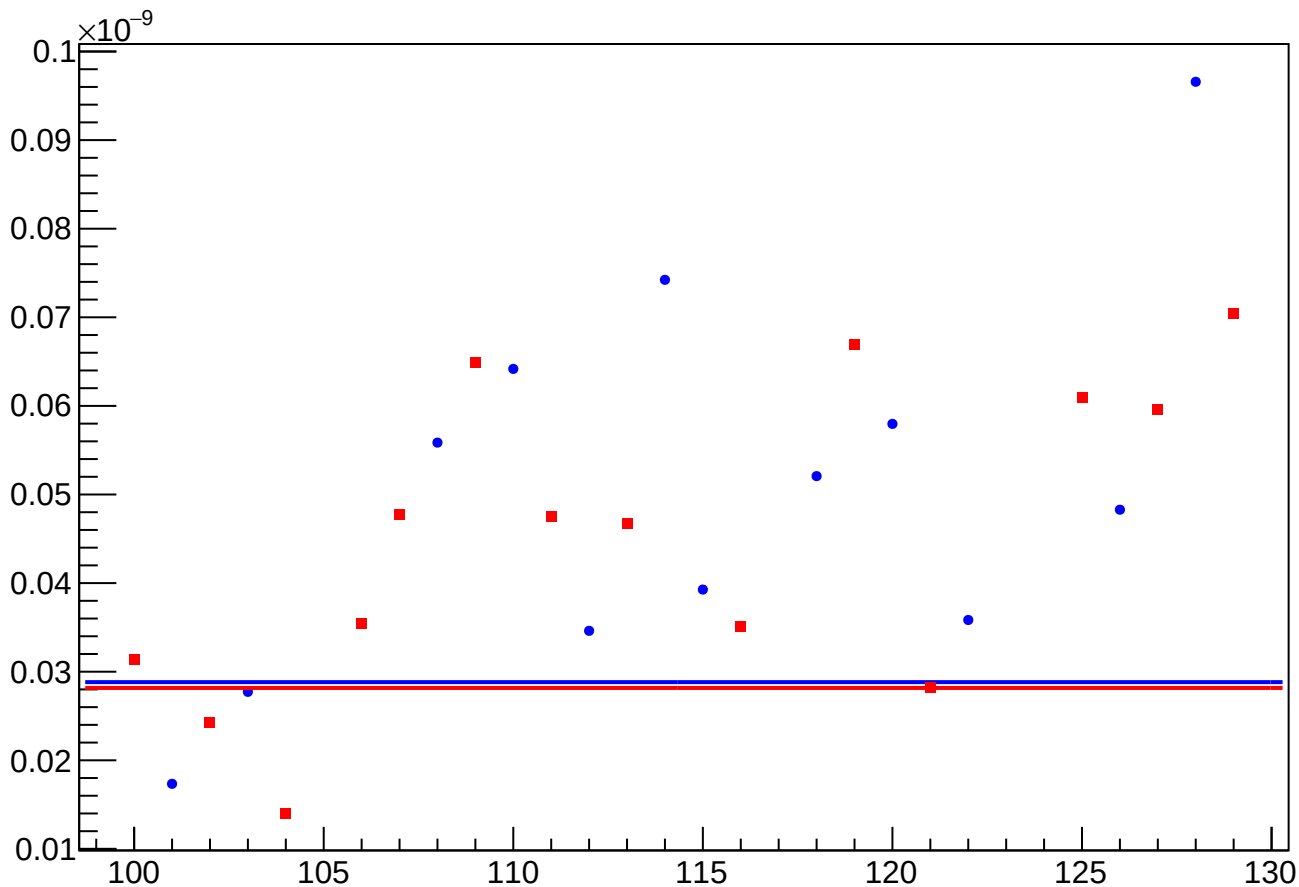
Right: -0.000+/-0.000 χ^2/NDF : 38.7/25

In: -0.000+/-0.000 χ^2/NDF : 14.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 38.7/25

asym_us_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1439962.1/11

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

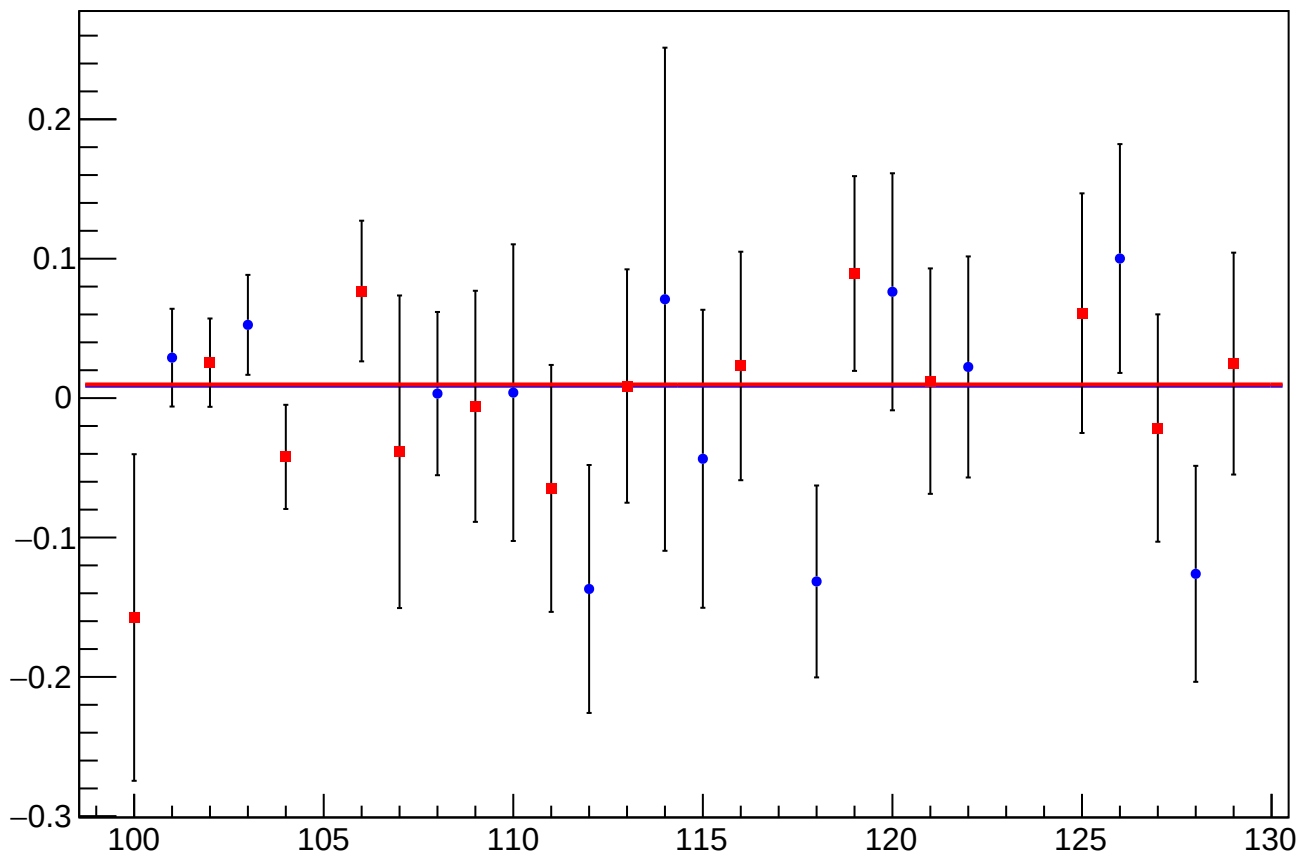
Right: 0.000+/-0.000 χ^2/NDF : 3334502.4/25

In: 0.000+/-0.000 χ^2/NDF : 1439962.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3334502.4/25

asym_us_avg_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.018 χ^2/NDF : 14.0/11

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

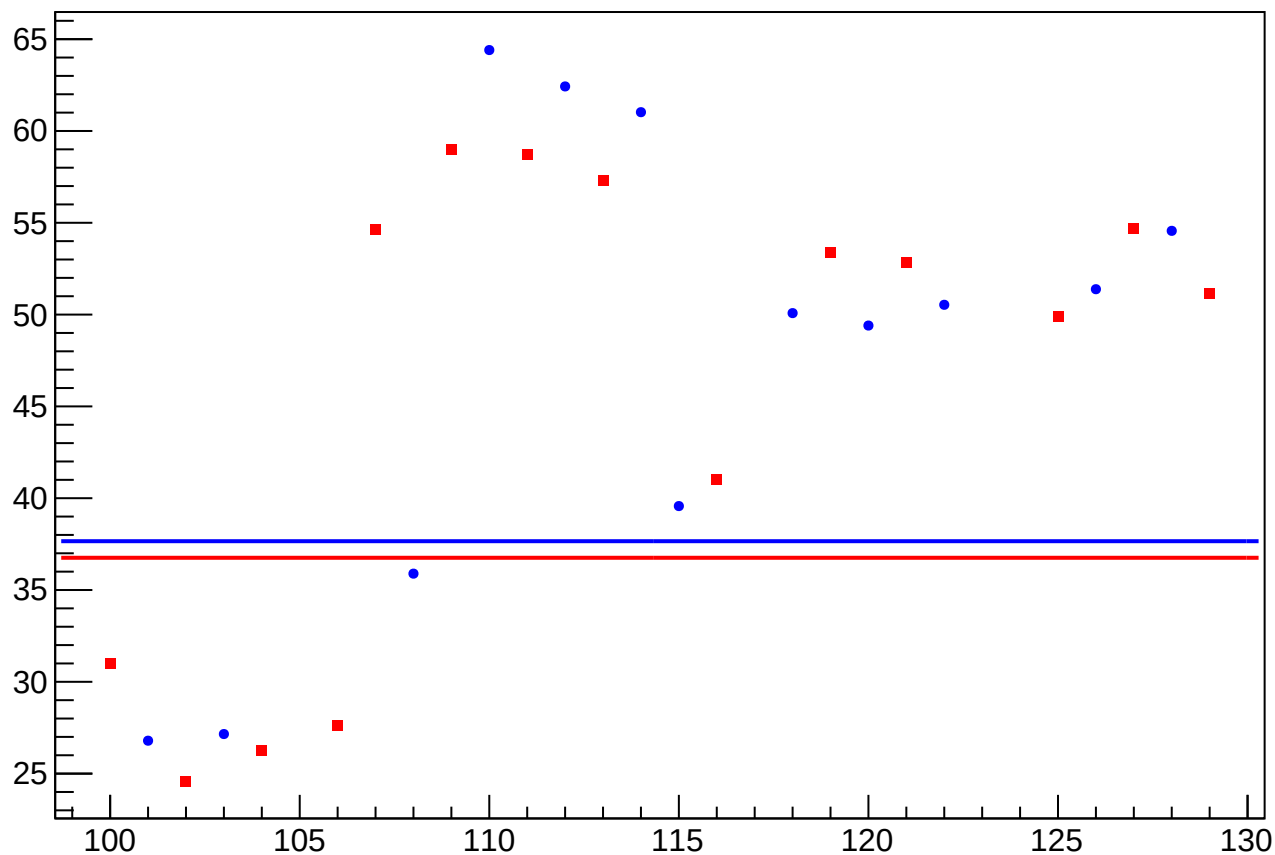
Right: 0.009+/-0.012 χ^2/NDF : 22.7/25

In: 0.009+/-0.018 χ^2/NDF : 14.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.012 χ^2/NDF : 22.7/25

asym_us_avg_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 36.756+/-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

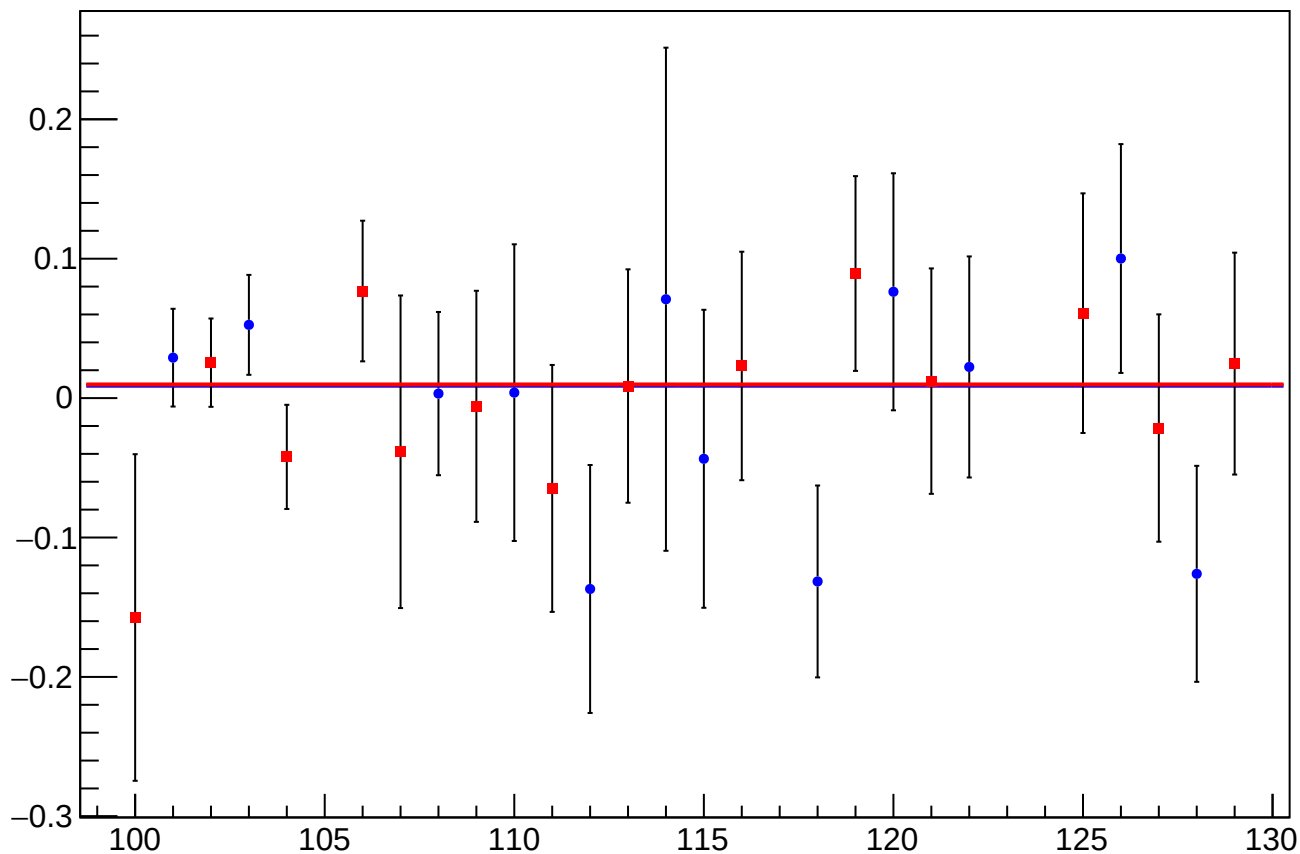
Right: 37.167+/-0.009 χ^2/NDF : 2360423.4/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.167+/-0.009 χ^2/NDF : 2360423.4/25

asym_us_avg_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.018 χ^2/NDF : 14.0/11

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

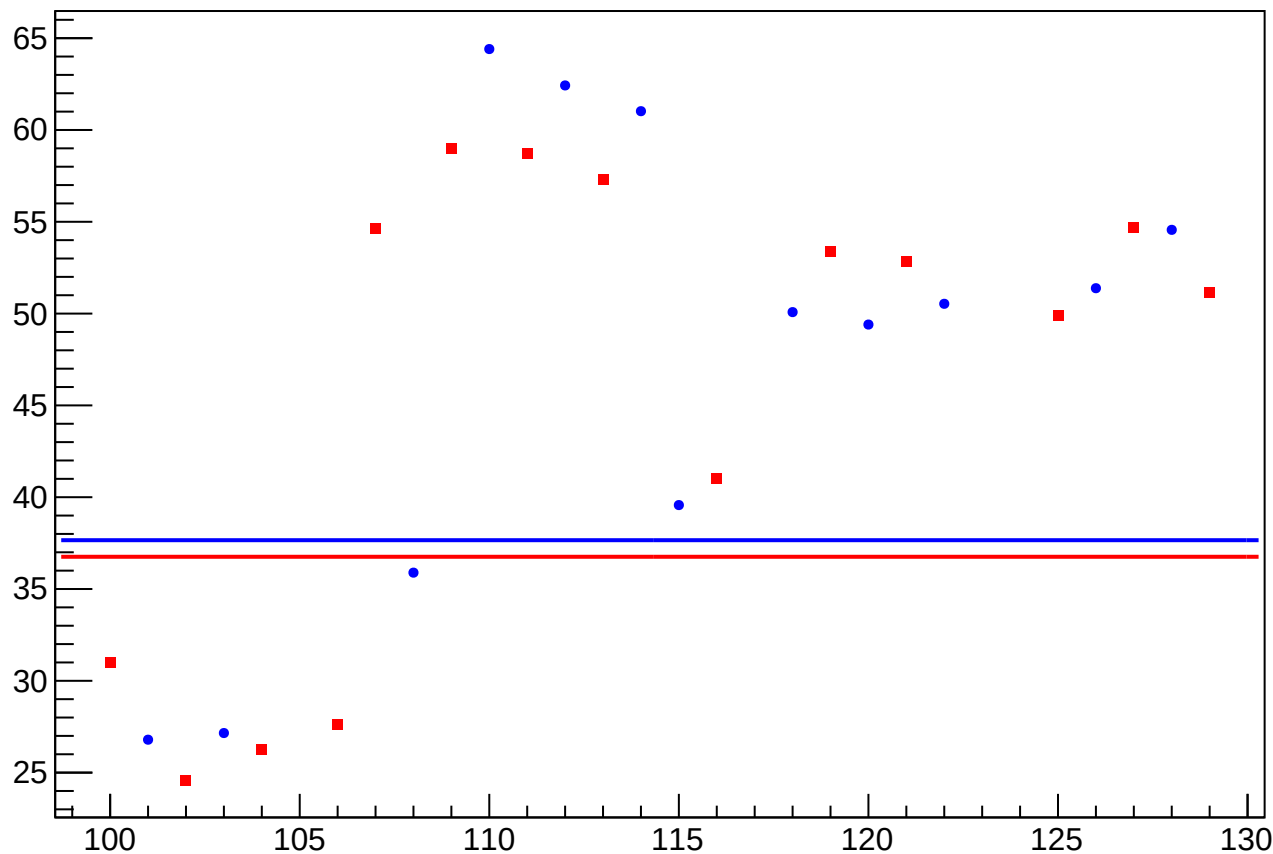
Right: 0.009+/-0.012 χ^2/NDF : 22.7/25

In: 0.009+/-0.018 χ^2/NDF : 14.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.012 χ^2/NDF : 22.7/25

asym_us_avg_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 36.756+/-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

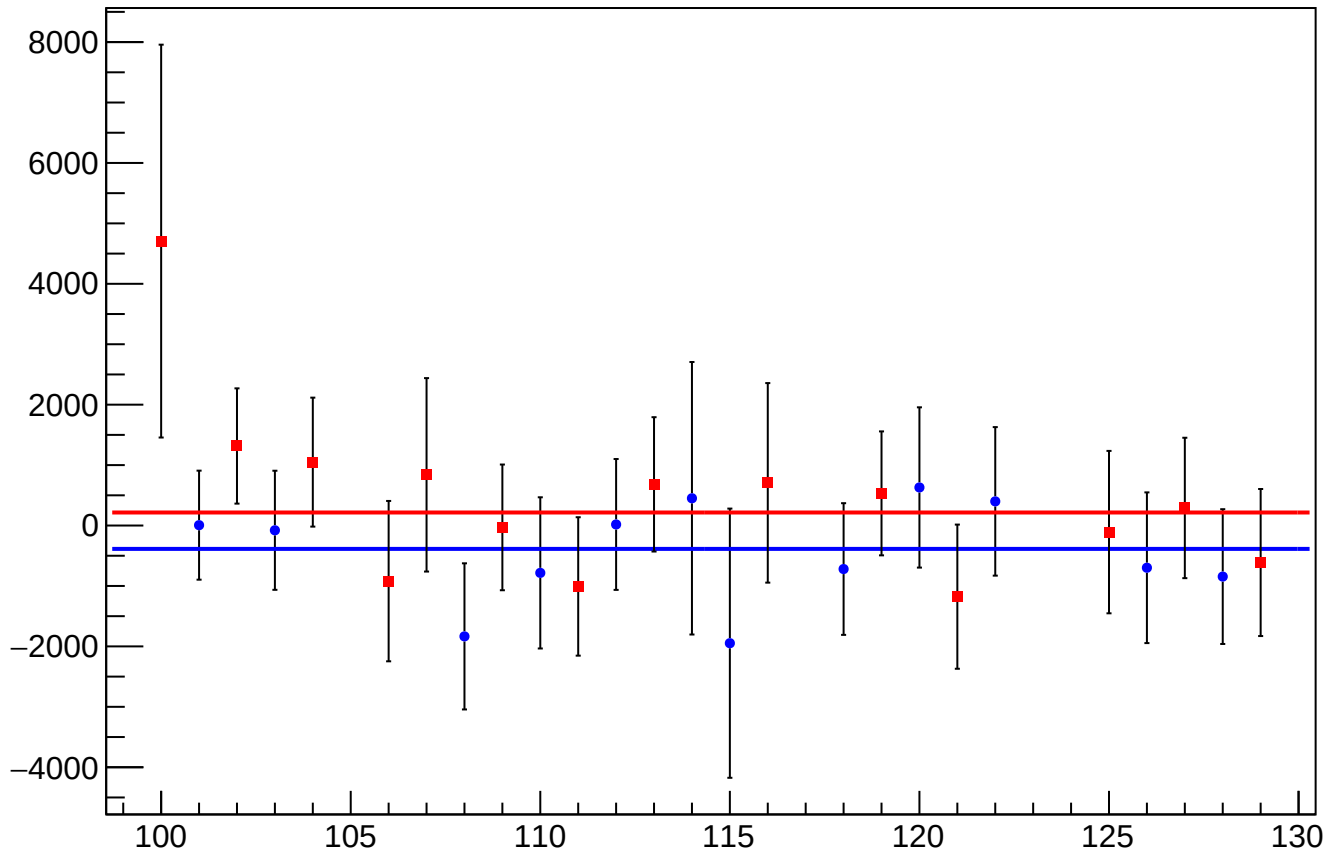
Right: 37.167+/-0.009 χ^2/NDF : 2360423.4/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.167+/-0.009 χ^2/NDF : 2360423.4/25

reg_asym_us_dd_mean vs Slug, Sign Corrected



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

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

Right Out: 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

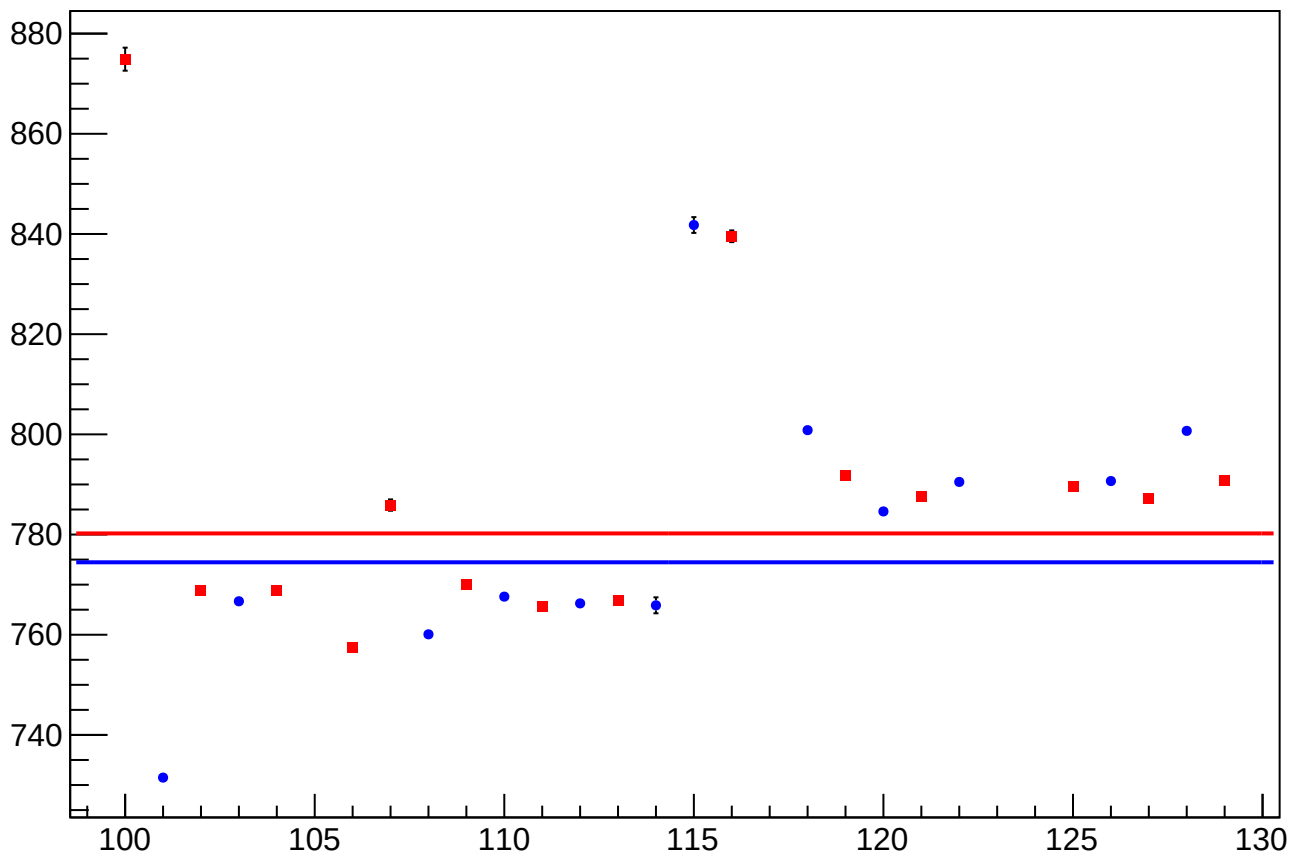
Right: -65.856+/-236.555 χ^2/NDF : 13.7/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -65.856+/-236.555 χ^2/NDF : 13.7/25

reg_asym_us_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 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

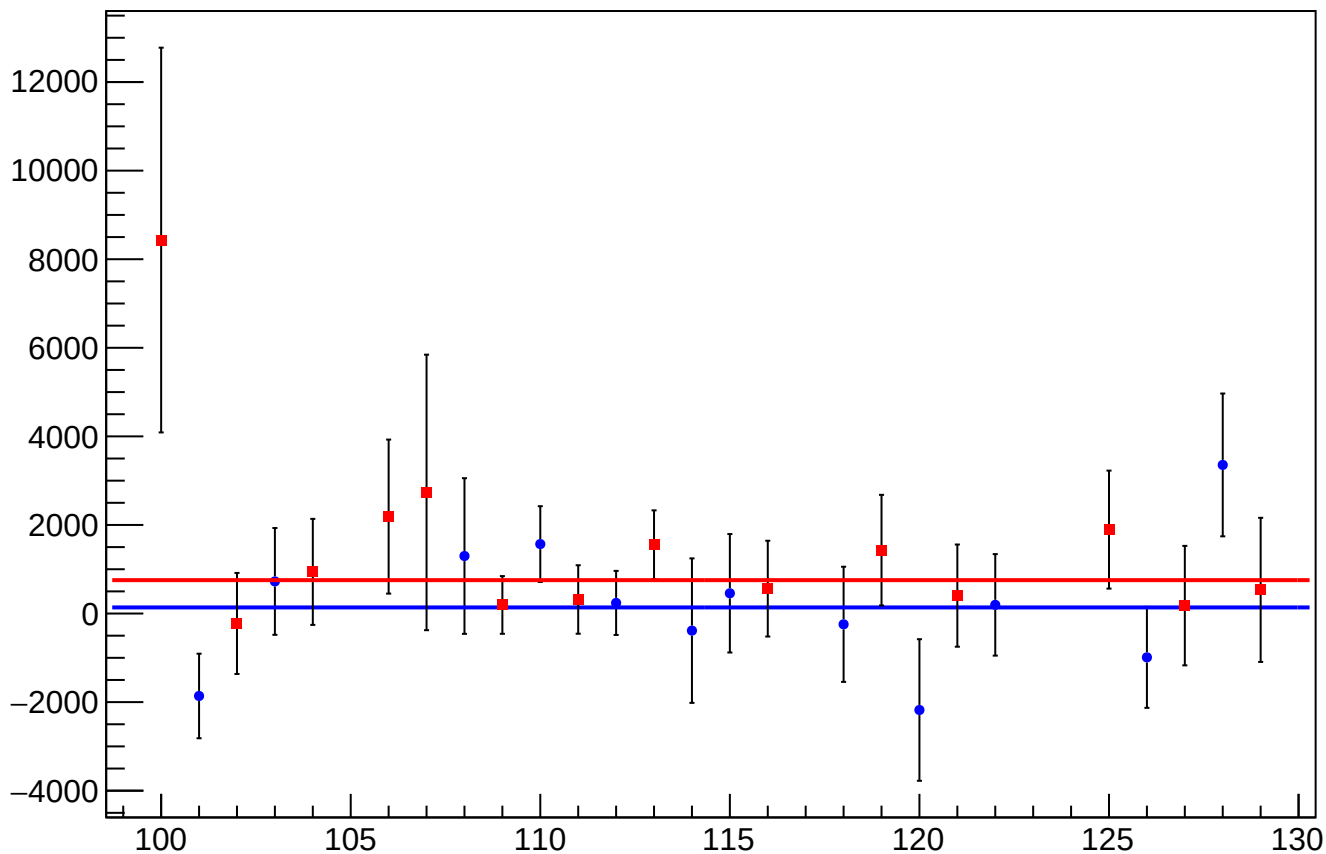
Right: 777.531+/-0.167 χ^2/NDF : 17207.5/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 777.531+/-0.167 χ^2/NDF : 17207.5/25

asym_us_dd_reg_correction_mean vs Slug, Sign Corrected



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

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

Right Out: 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

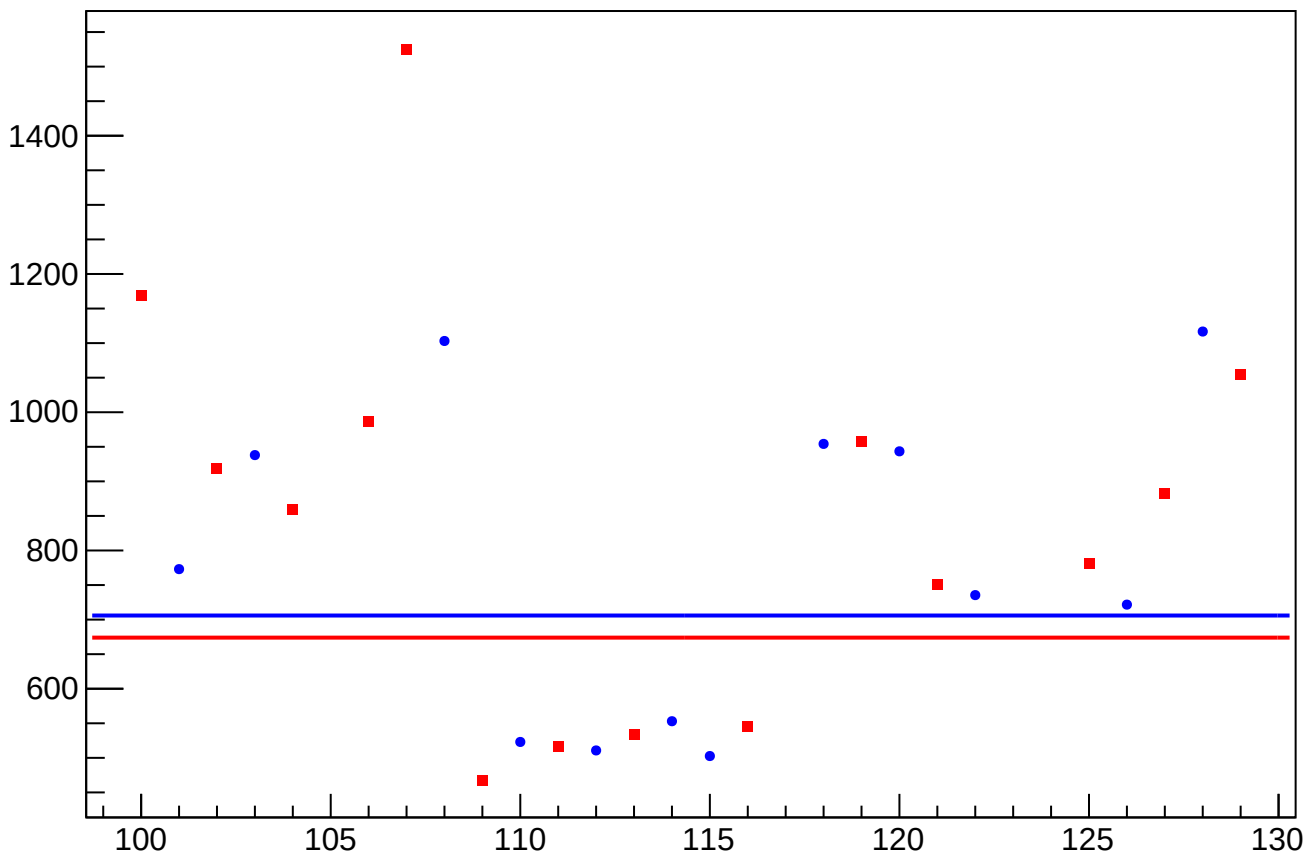
Right: 478.100+/-220.290 χ^2/NDF : 25.6/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 478.100+/-220.290 χ^2/NDF : 25.6/25

asym_us_dd_reg_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 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

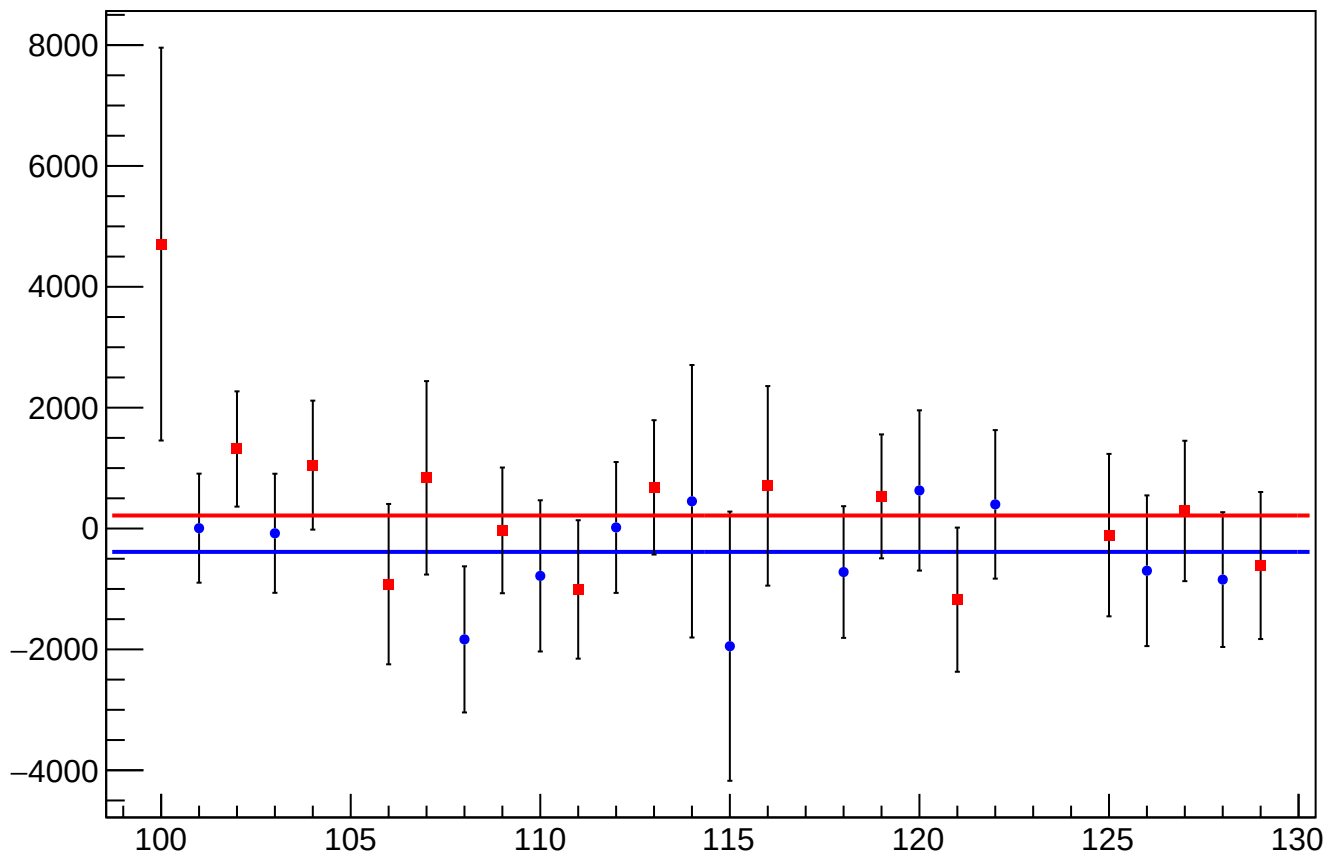
Right: 688.248+/-0.156 χ^2/NDF : 1787635.9/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 688.248+/-0.156 χ^2/NDF : 1787635.9/25

cor_asym_us_dd_mean vs Slug, Sign Corrected



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

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

Right Out: 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

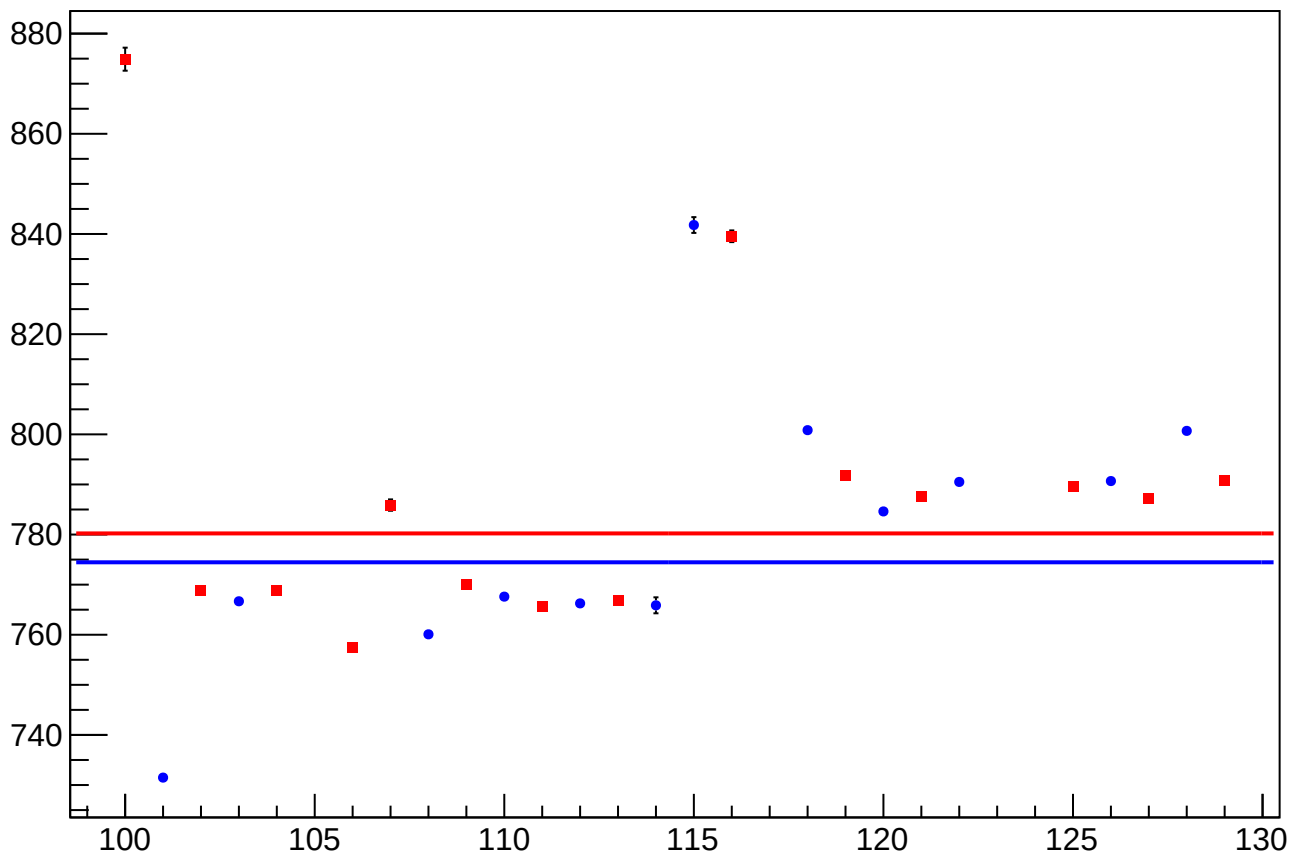
Right: -65.856+/-236.555 χ^2 /NDF: 13.7/25

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

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -65.856+/-236.555 χ^2 /NDF: 13.7/25

cor_asym_us_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 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

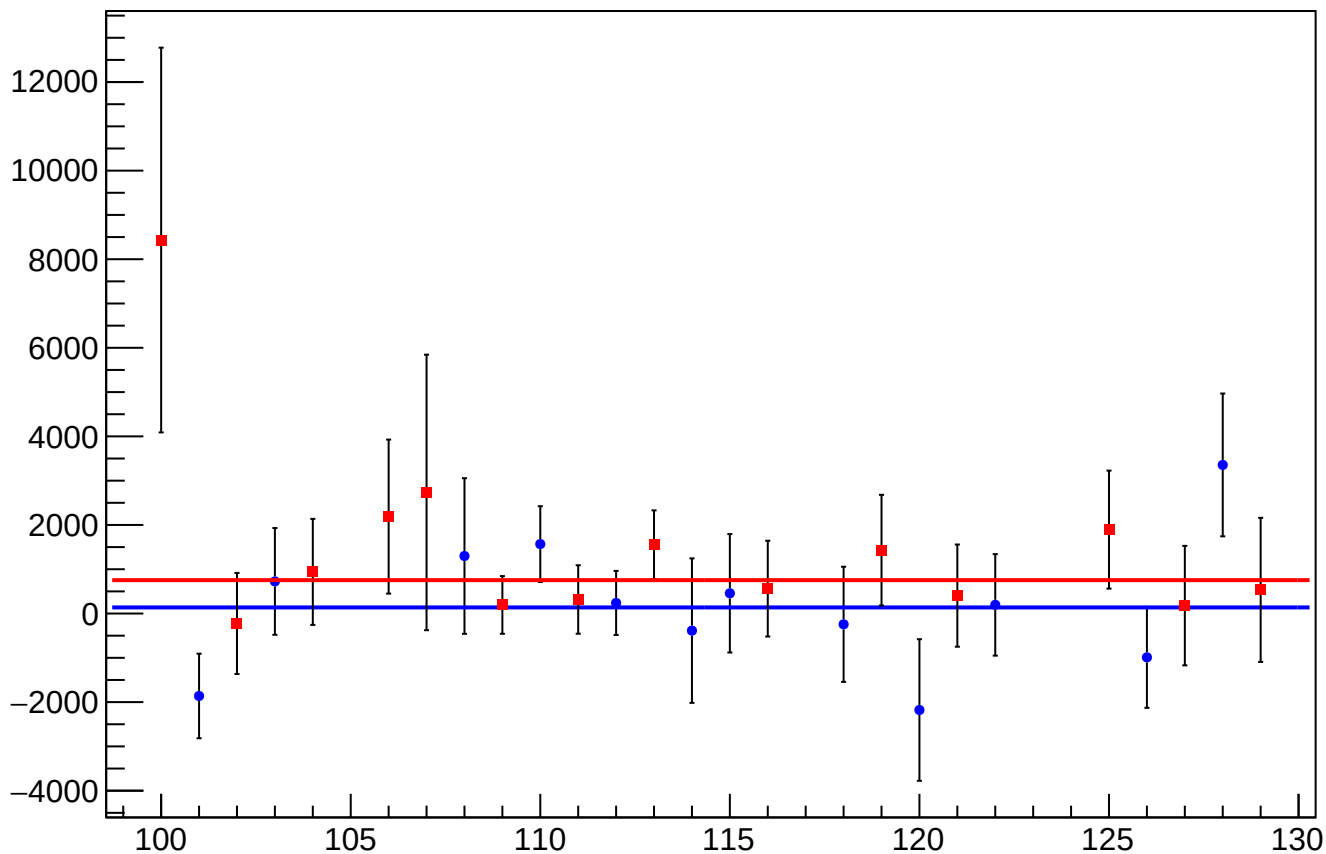
Right: 777.531 ± 0.167 χ^2/NDF : 17207.5/25

In: 774.460 ± 0.245 χ^2/NDF : 10054.2/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 777.531 ± 0.167 χ^2/NDF : 17207.5/25

asym_us_dd_cor_correction_mean vs Slug, Sign Corrected



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

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

Right Out: 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

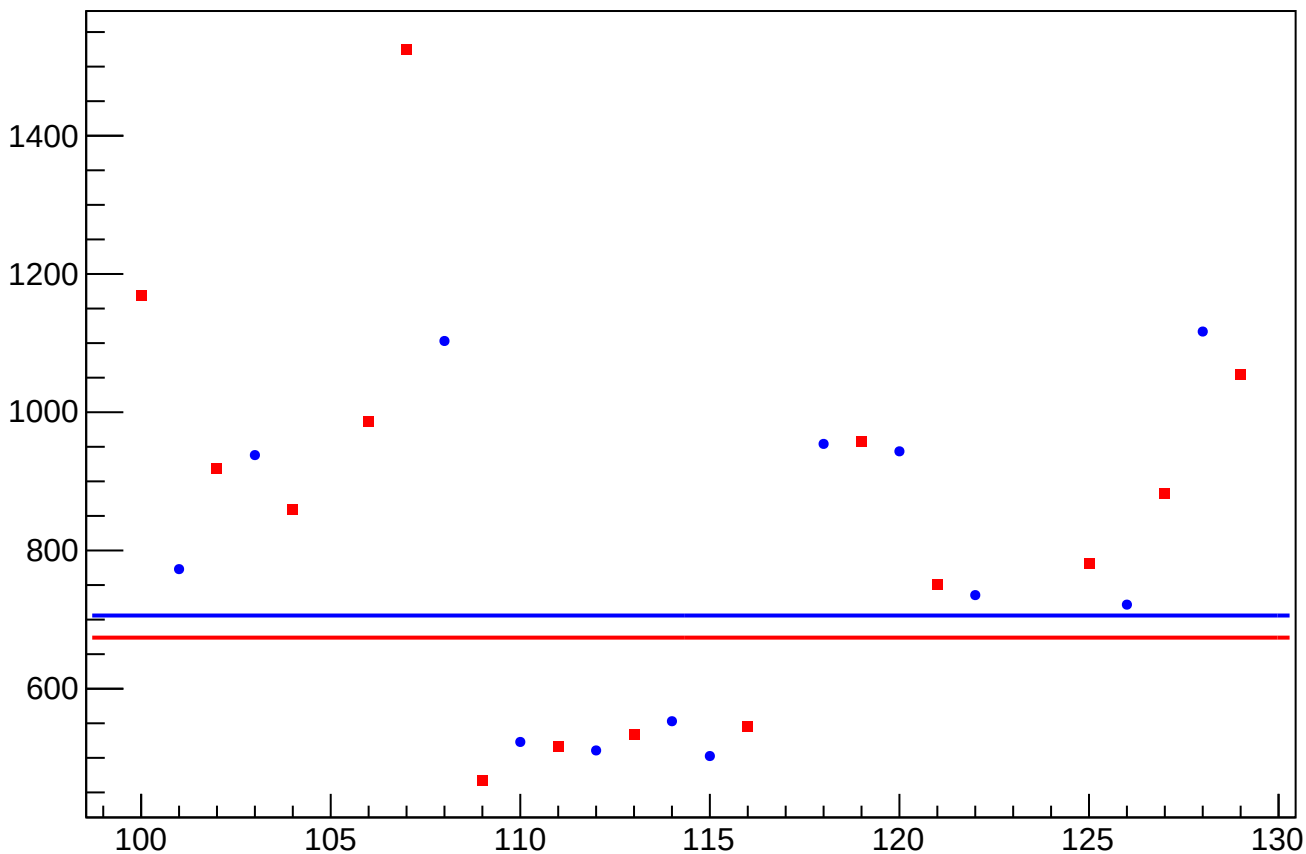
Right: 478.100+/-220.290 χ^2/NDF : 25.6/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 478.100+/-220.290 χ^2/NDF : 25.6/25

asym_us_dd_cor_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 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

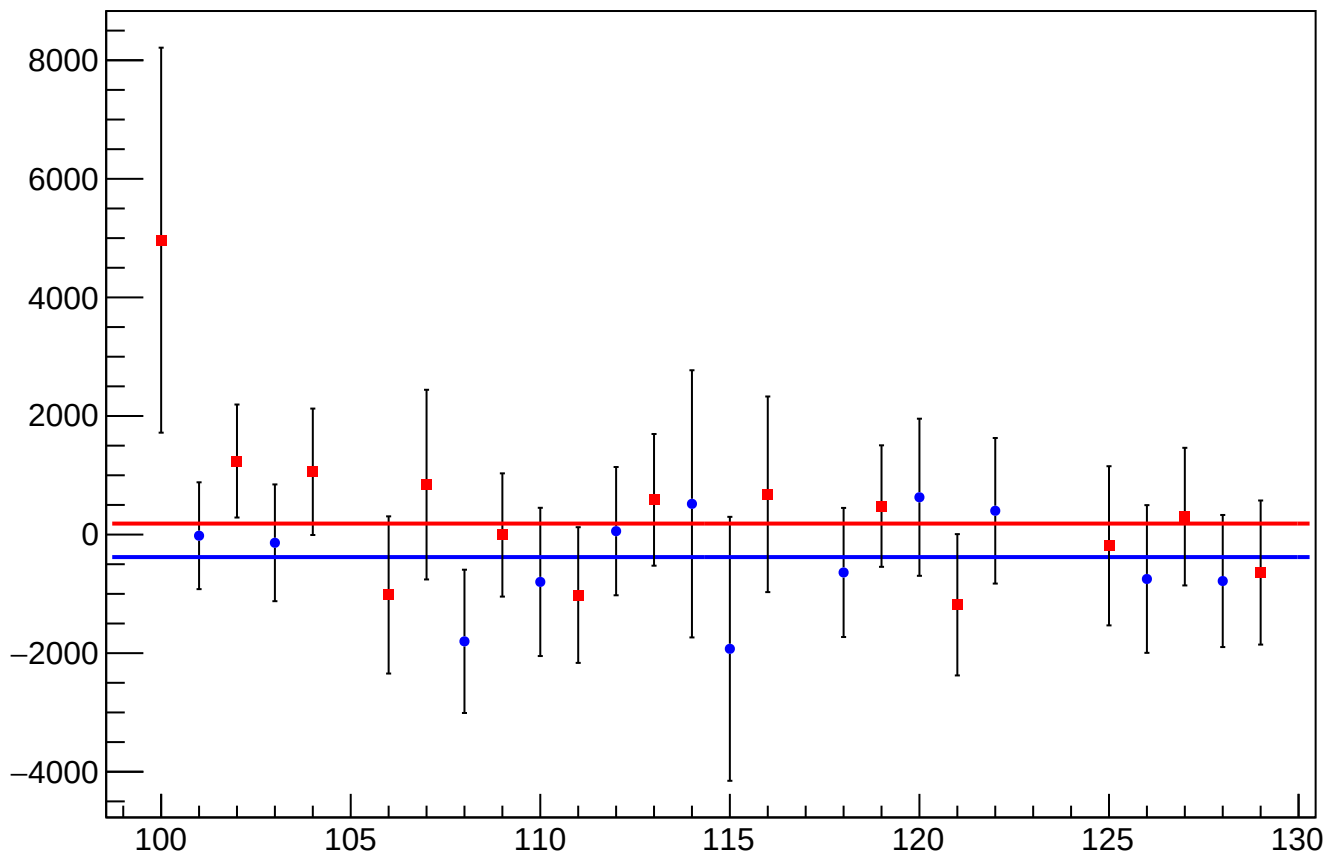
Right: 688.248+/-0.156 χ^2/NDF : 1787635.9/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 688.248+/-0.156 χ^2/NDF : 1787635.9/25

overload_cor_asym_us_dd_mean vs Slug, Sign Corrected



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

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

Right Out: 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

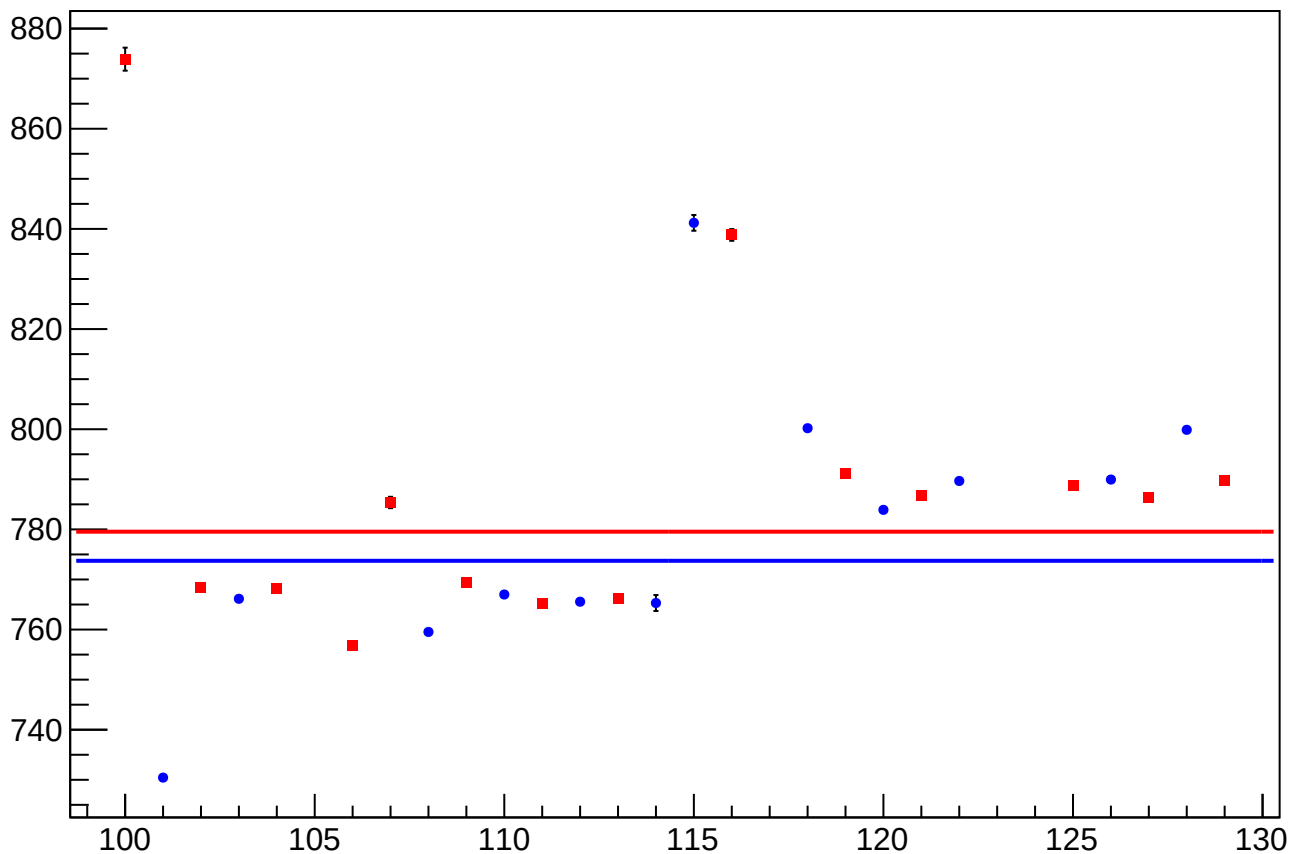
Right: -78.670+/-236.341 χ^2/NDF : 13.6/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -78.670+/-236.341 χ^2/NDF : 13.6/25

overload_cor_asym_us_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 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

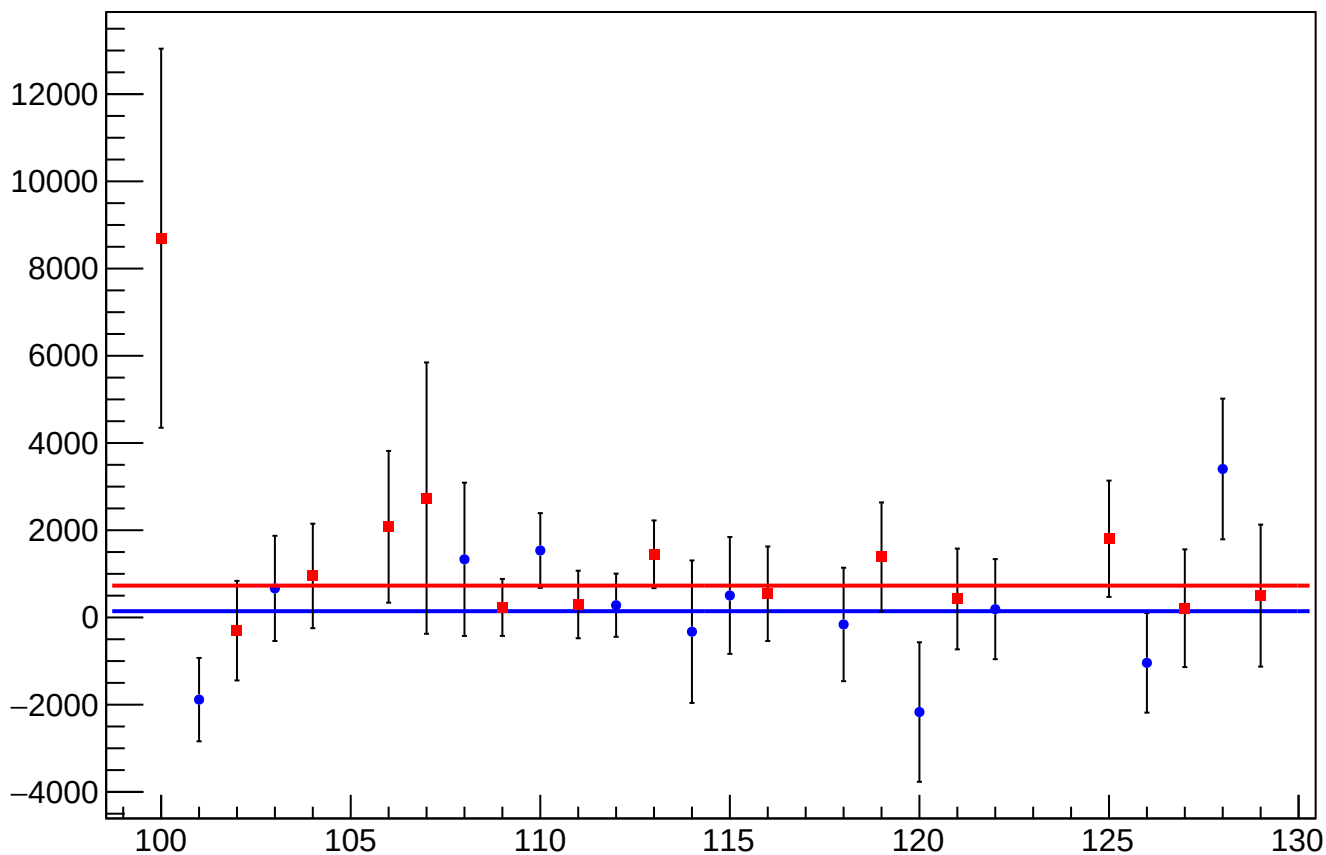
Right: 776.825+/-0.167 χ^2/NDF : 17255.1/25

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 776.825+/-0.167 χ^2/NDF : 17255.1/25

asym_us_dd_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 143.779+/-329.734 χ^2/NDF : 15.3/11

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

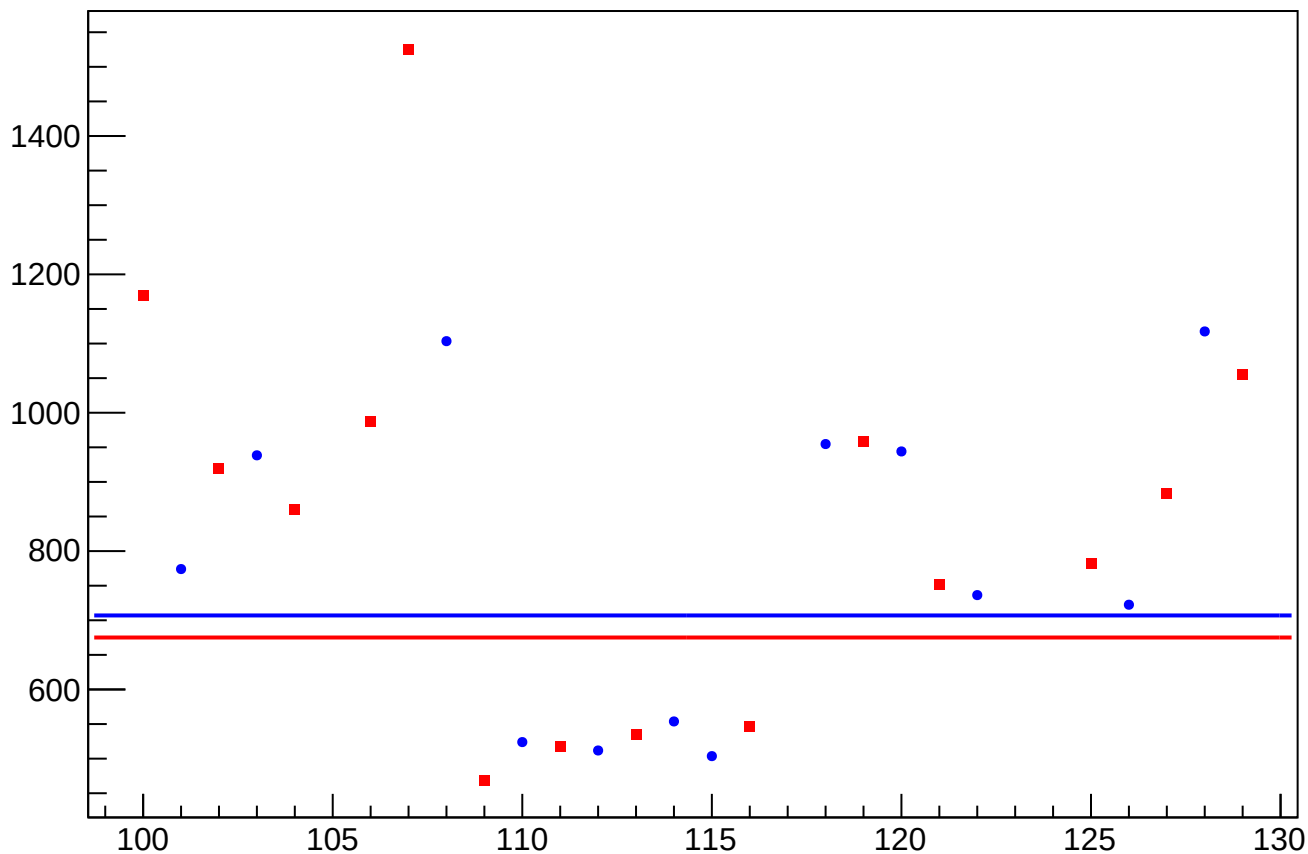
Right: 467.713+/-220.605 χ^2/NDF : 25.2/25

In: 143.779+/-329.734 χ^2/NDF : 15.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 467.713+/-220.605 χ^2/NDF : 25.2/25

asym_us_dd_overload_cor_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 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

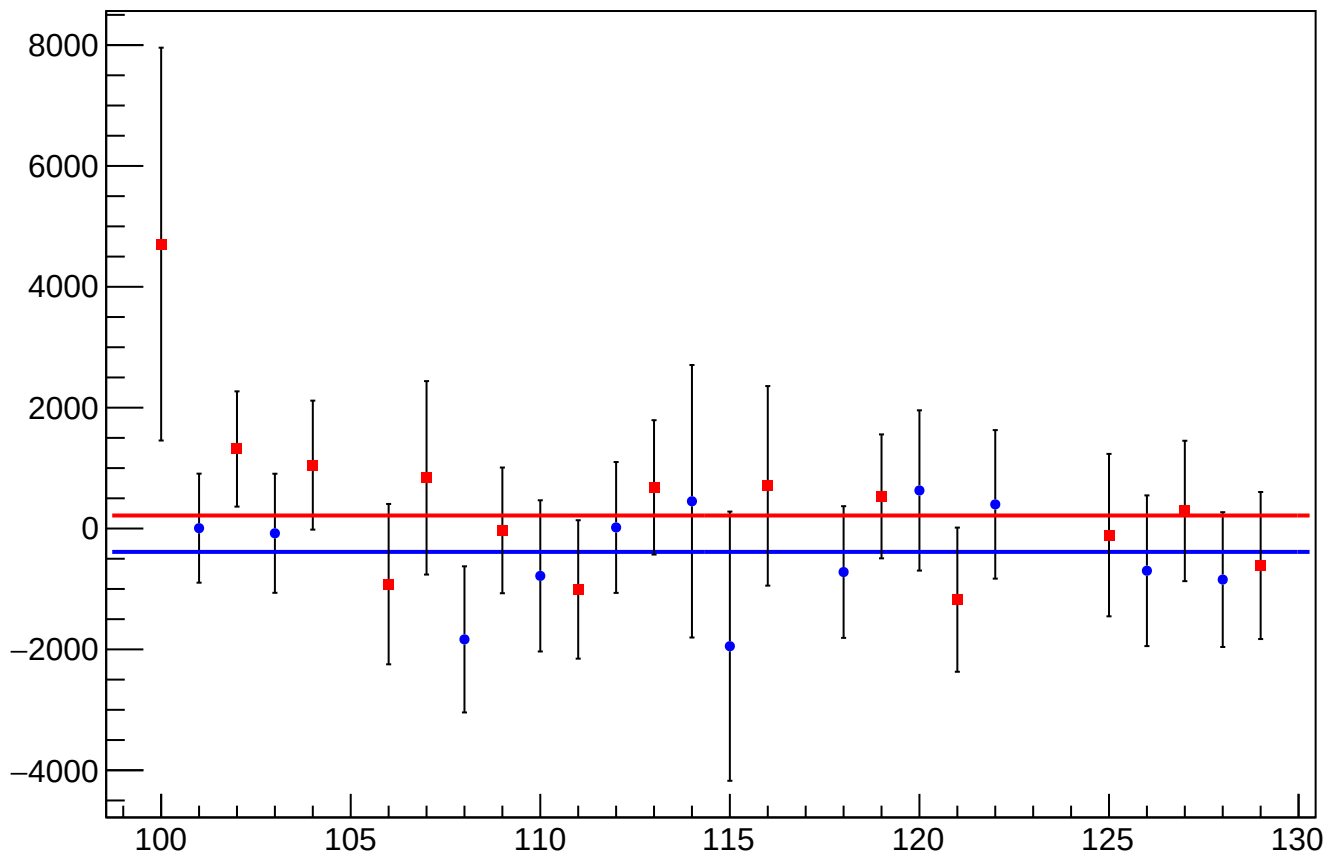
Right: 689.375+/-0.156 χ^2/NDF : 1780528.9/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 689.375+/-0.156 χ^2/NDF : 1780528.9/25

eigen_cor_asym_us_dd_mean vs Slug, Sign Corrected



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

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

Right Out: 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

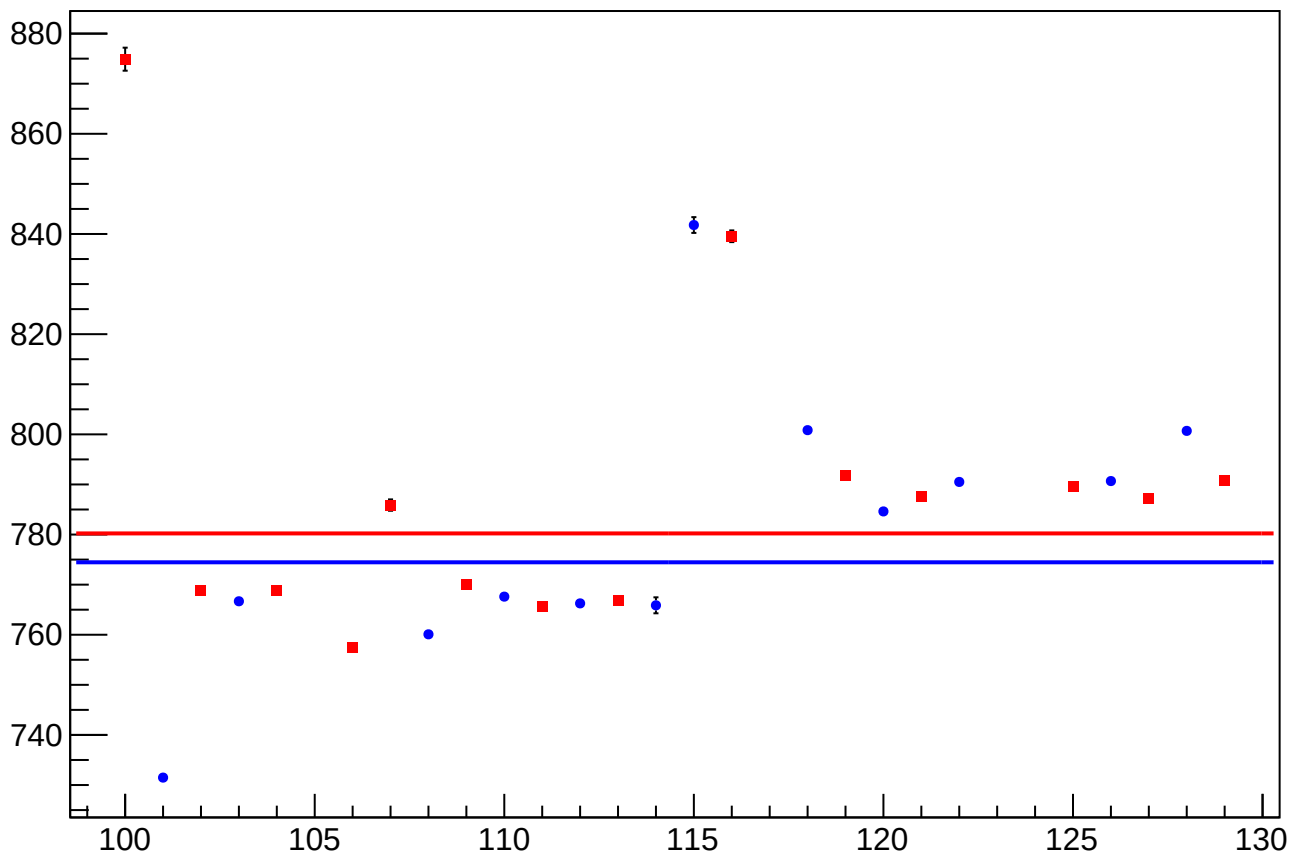
Right: -65.856+/-236.555 χ^2/NDF : 13.7/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -65.856+/-236.555 χ^2/NDF : 13.7/25

eigen_cor_asym_us_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 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

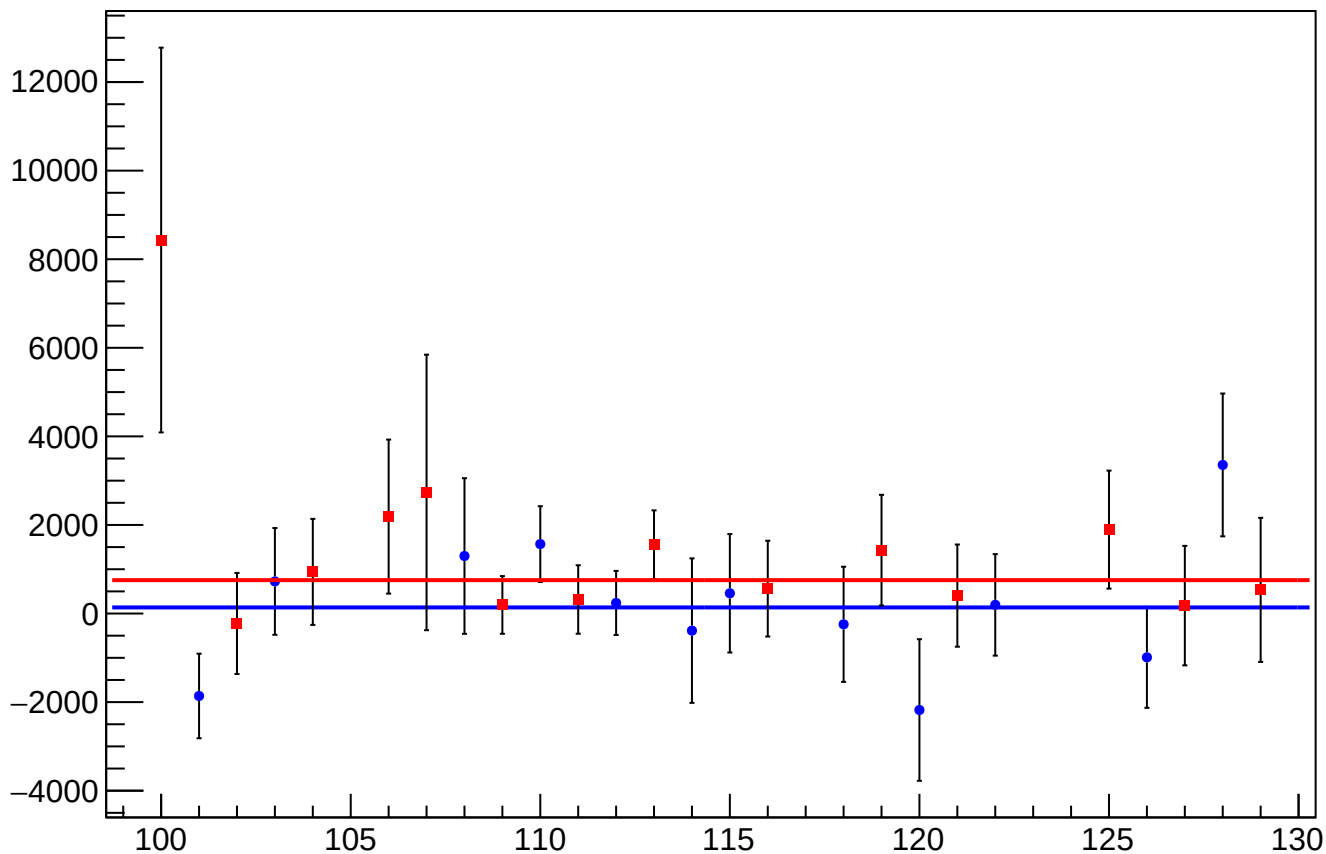
Right: 777.531+/-0.167 χ^2/NDF : 17207.5/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 777.531+/-0.167 χ^2/NDF : 17207.5/25

asym_us_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



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

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

Right Out: 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

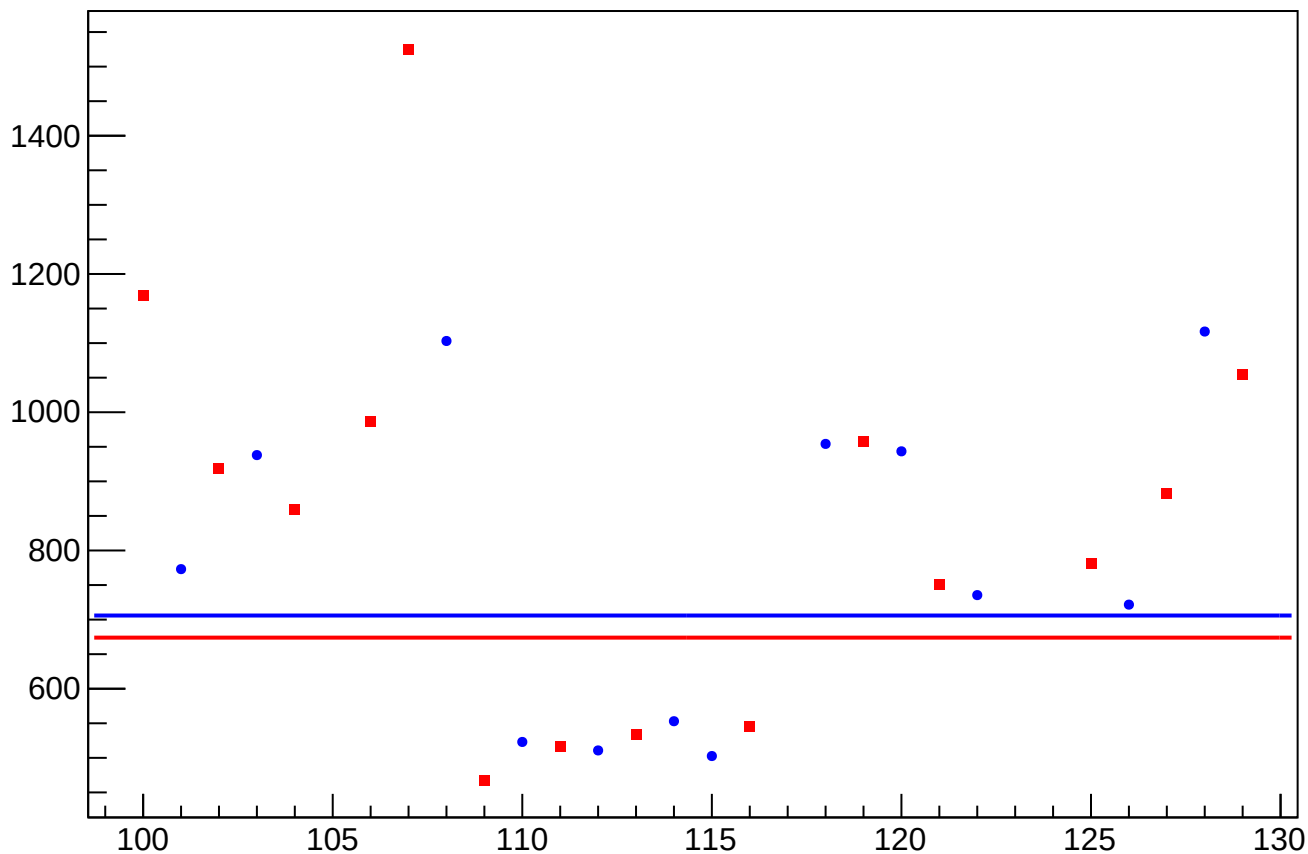
Right: 478.100+/-220.290 χ^2/NDF : 25.6/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 478.100+/-220.290 χ^2/NDF : 25.6/25

asym_us_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 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

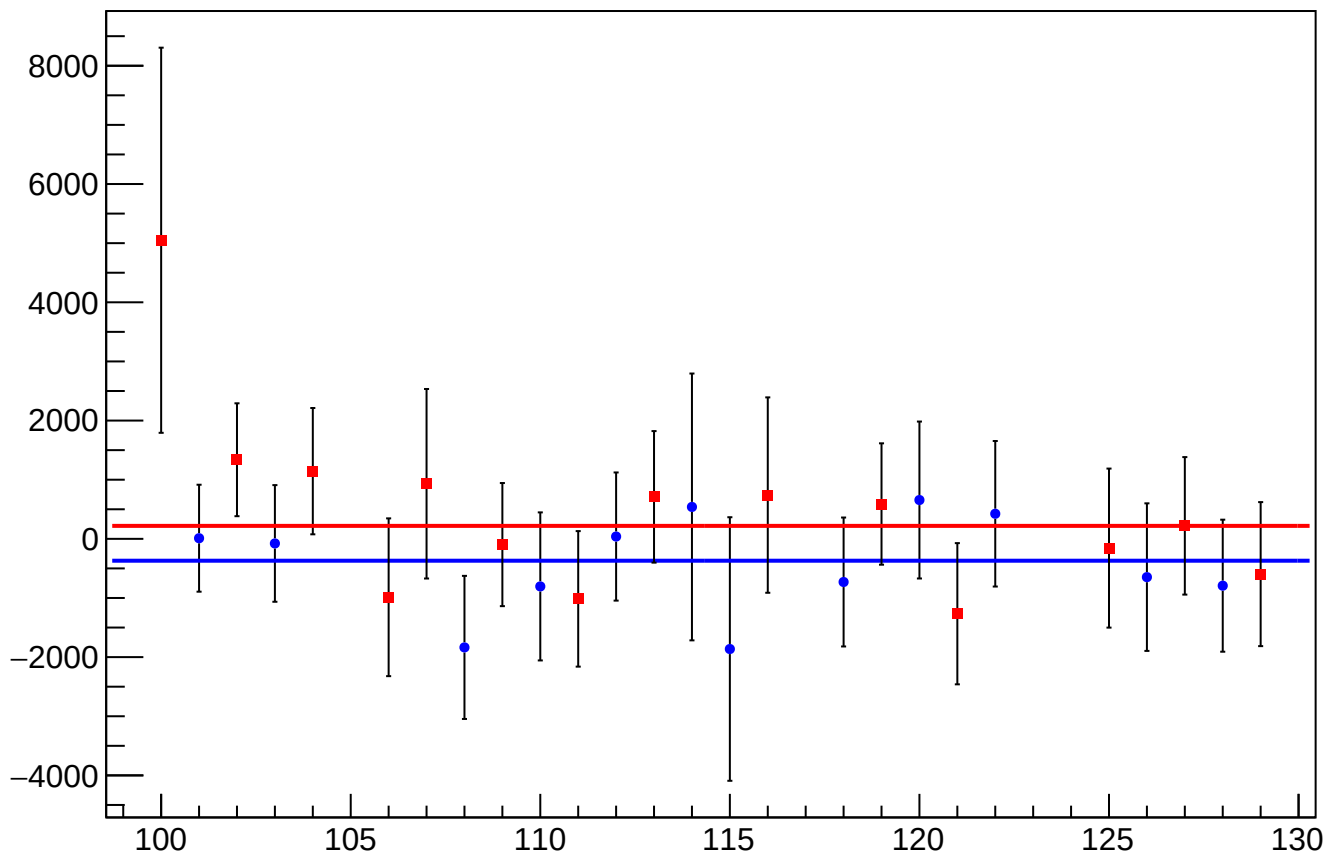
Right: 688.248+/-0.156 χ^2/NDF : 1787635.9/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 688.248+/-0.156 χ^2/NDF : 1787635.9/25

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

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

Right Out: 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

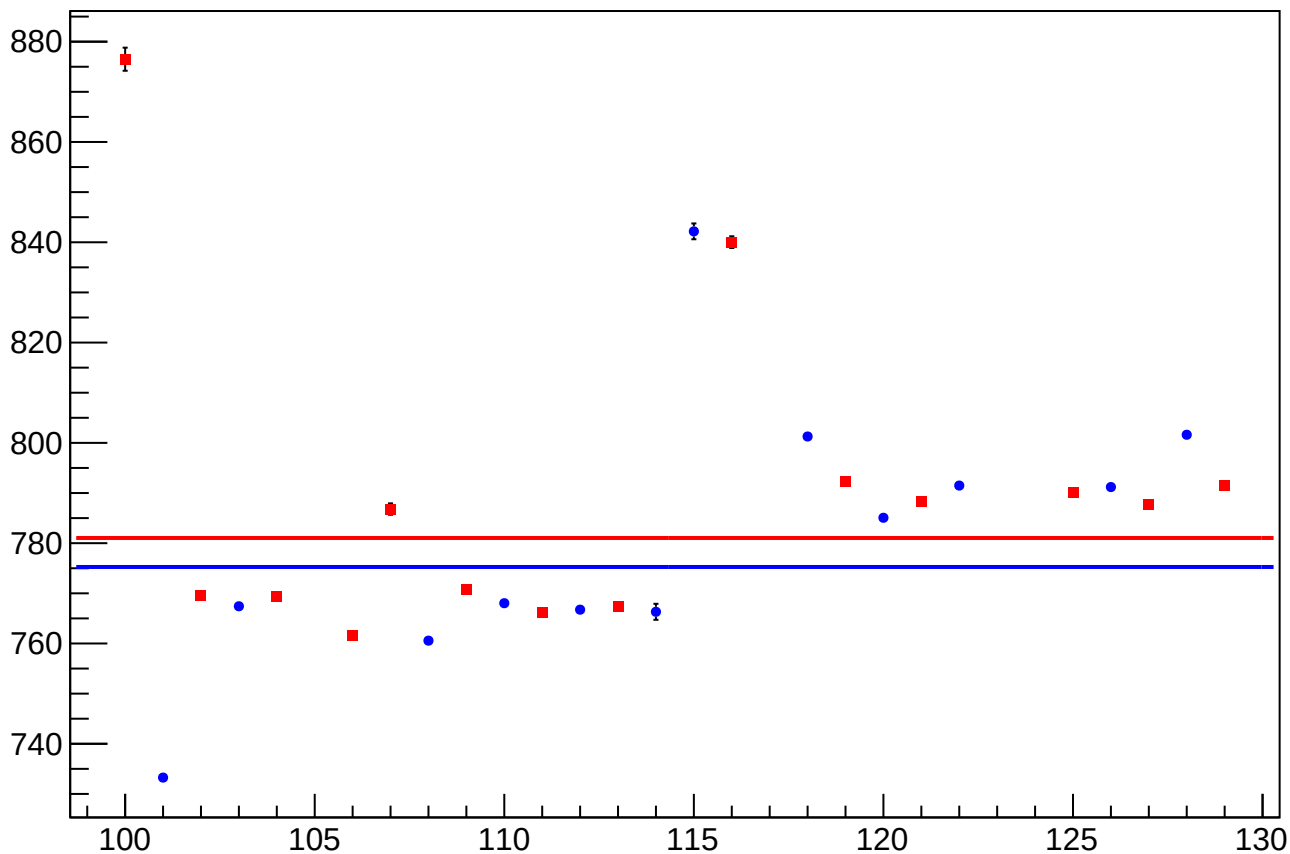
Right: -56.061+/-236.797 χ^2/NDF : 14.6/25

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -56.061+/-236.797 χ^2/NDF : 14.6/25

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 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

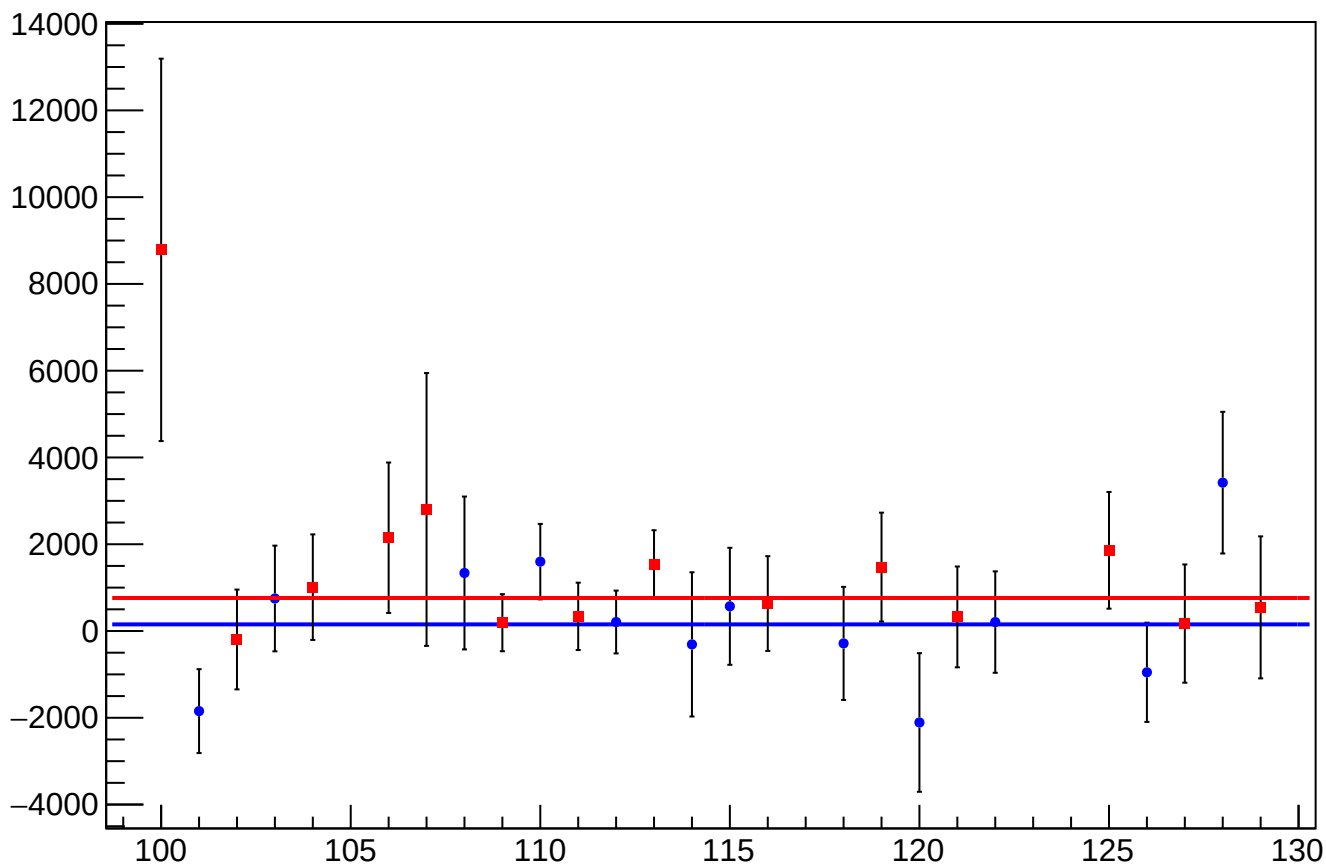
Right: 778.334+/-0.167 χ^2/NDF : 16806.4/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 778.334+/-0.167 χ^2/NDF : 16806.4/25

asym_us_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 152.758+/-332.230 χ^2/NDF : 15.0/11

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

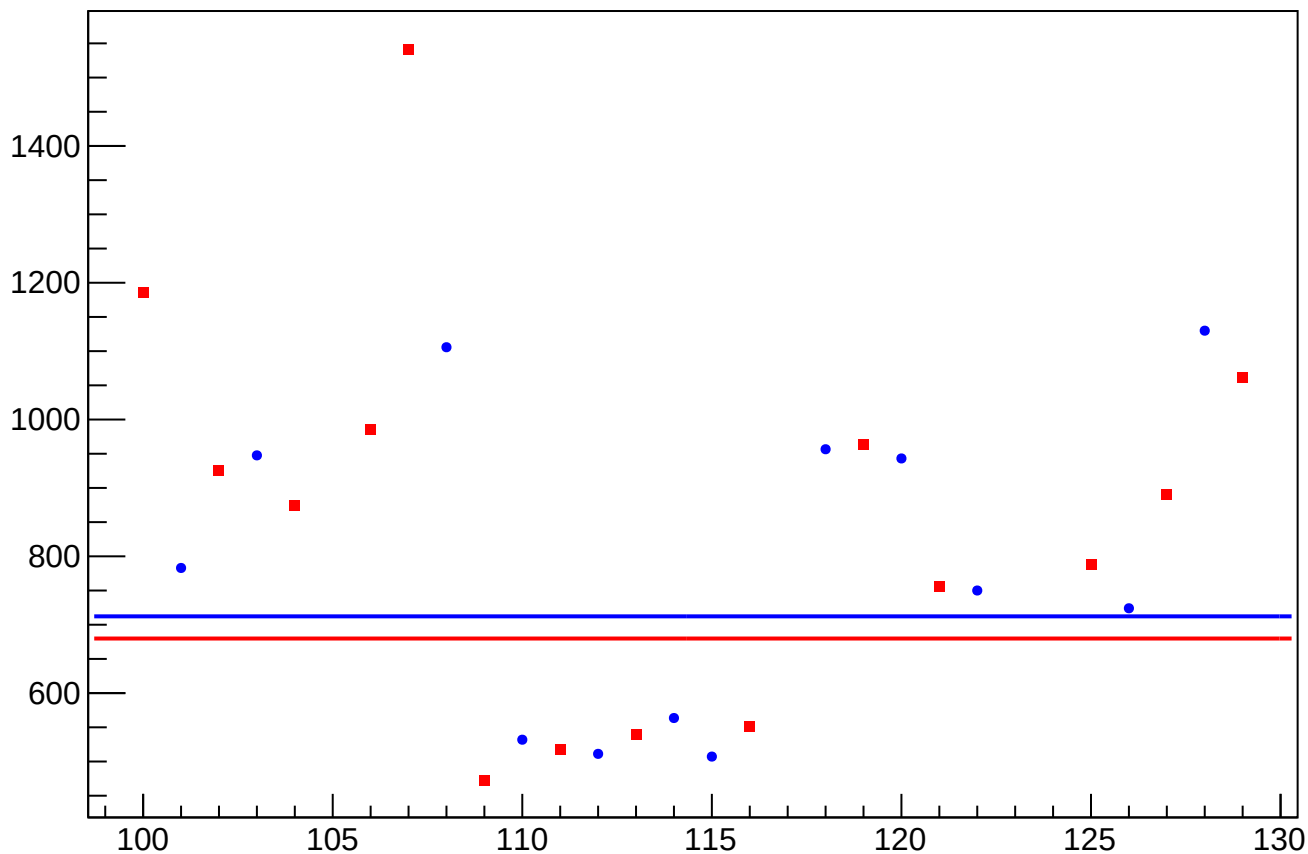
Right: 489.122+/-222.183 χ^2/NDF : 25.3/25

In: 152.758+/-332.230 χ^2/NDF : 15.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 489.122+/-222.183 χ^2/NDF : 25.3/25

asym_us_dd_dit_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 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

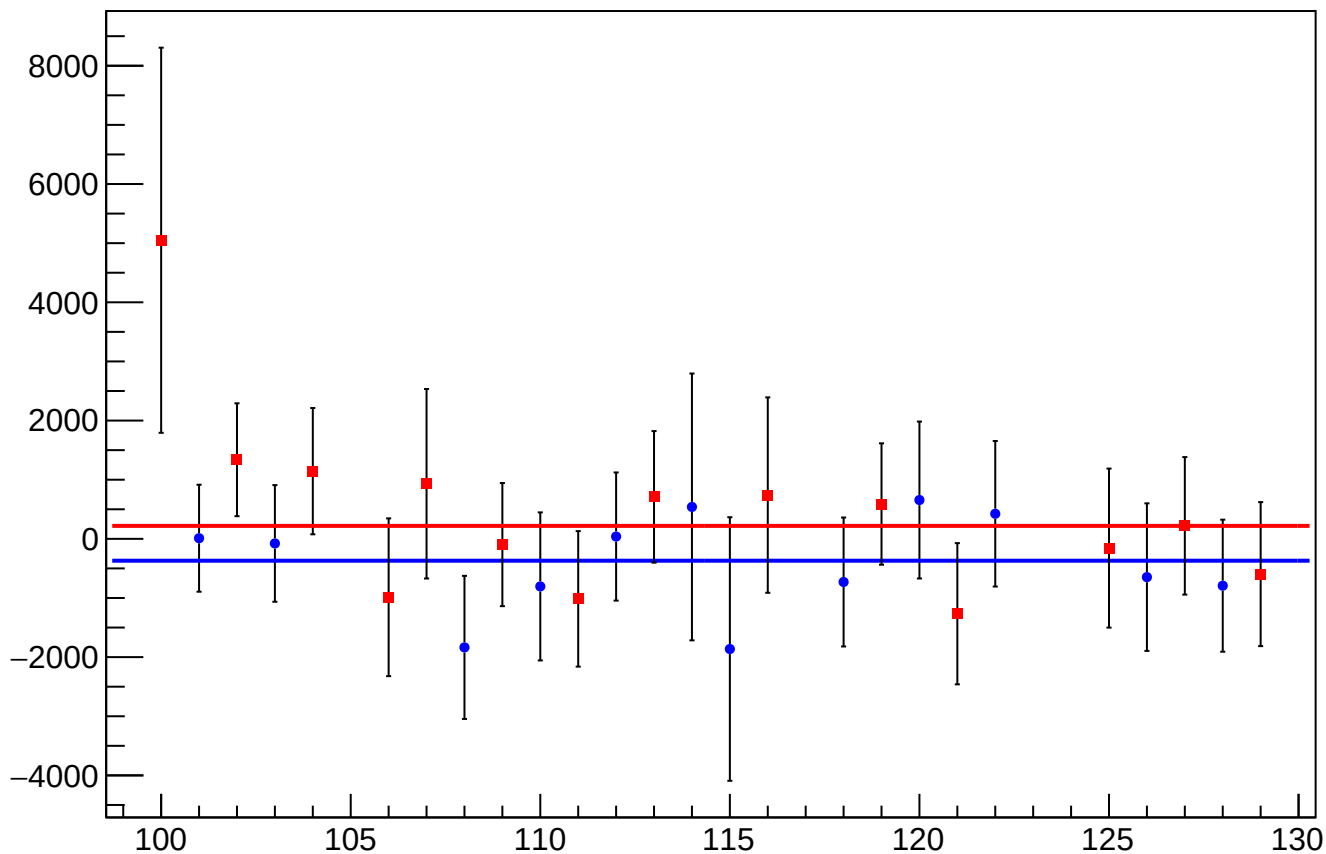
Right: 694.324+/-0.157 χ^2/NDF : 1783467.7/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 694.324+/-0.157 χ^2/NDF : 1783467.7/25

eigen_dit_asym_us_dd_mean vs Slug, Sign Corrected



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

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

Right Out: 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

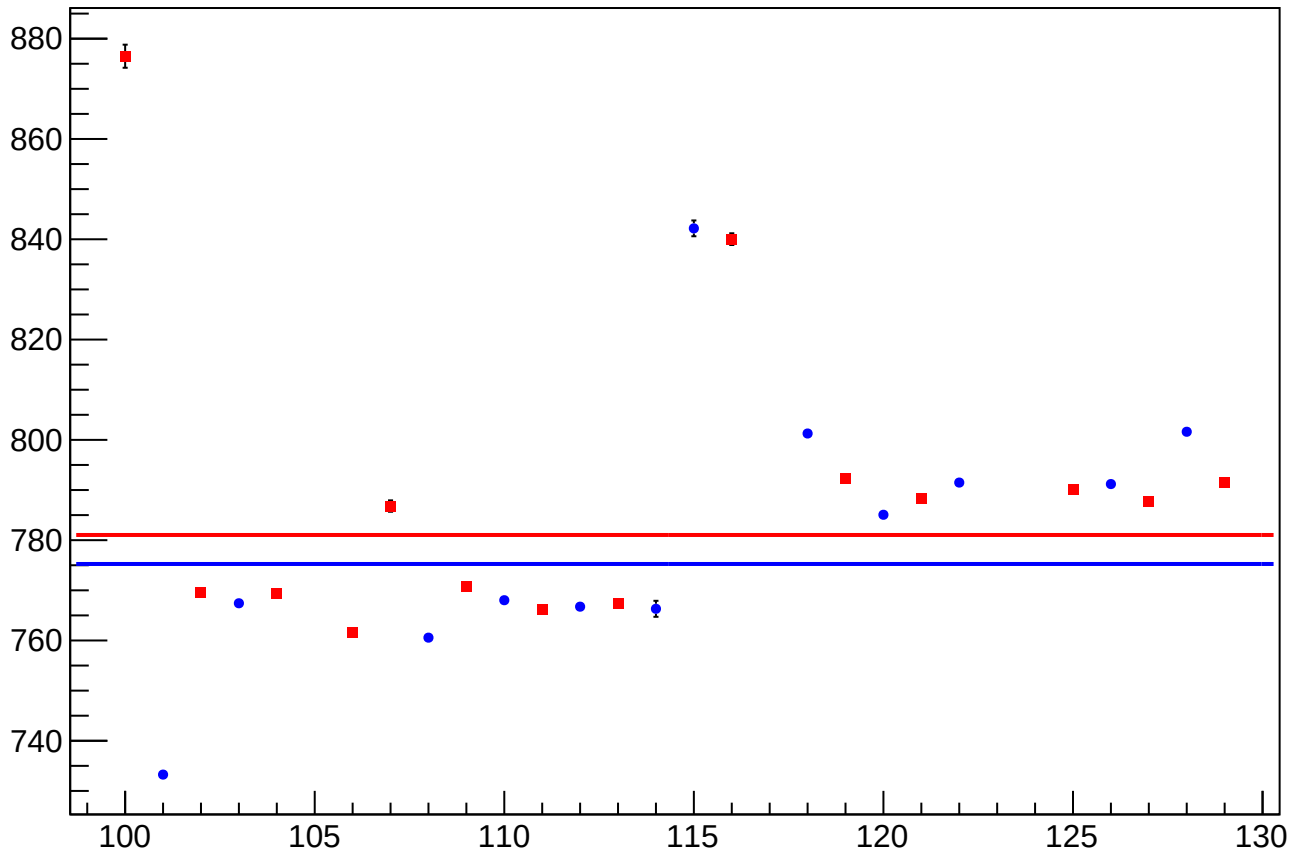
Right: -56.063+/-236.797 χ^2/NDF : 14.6/25

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -56.063+/-236.797 χ^2/NDF : 14.6/25

eigen_dit_asym_us_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 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

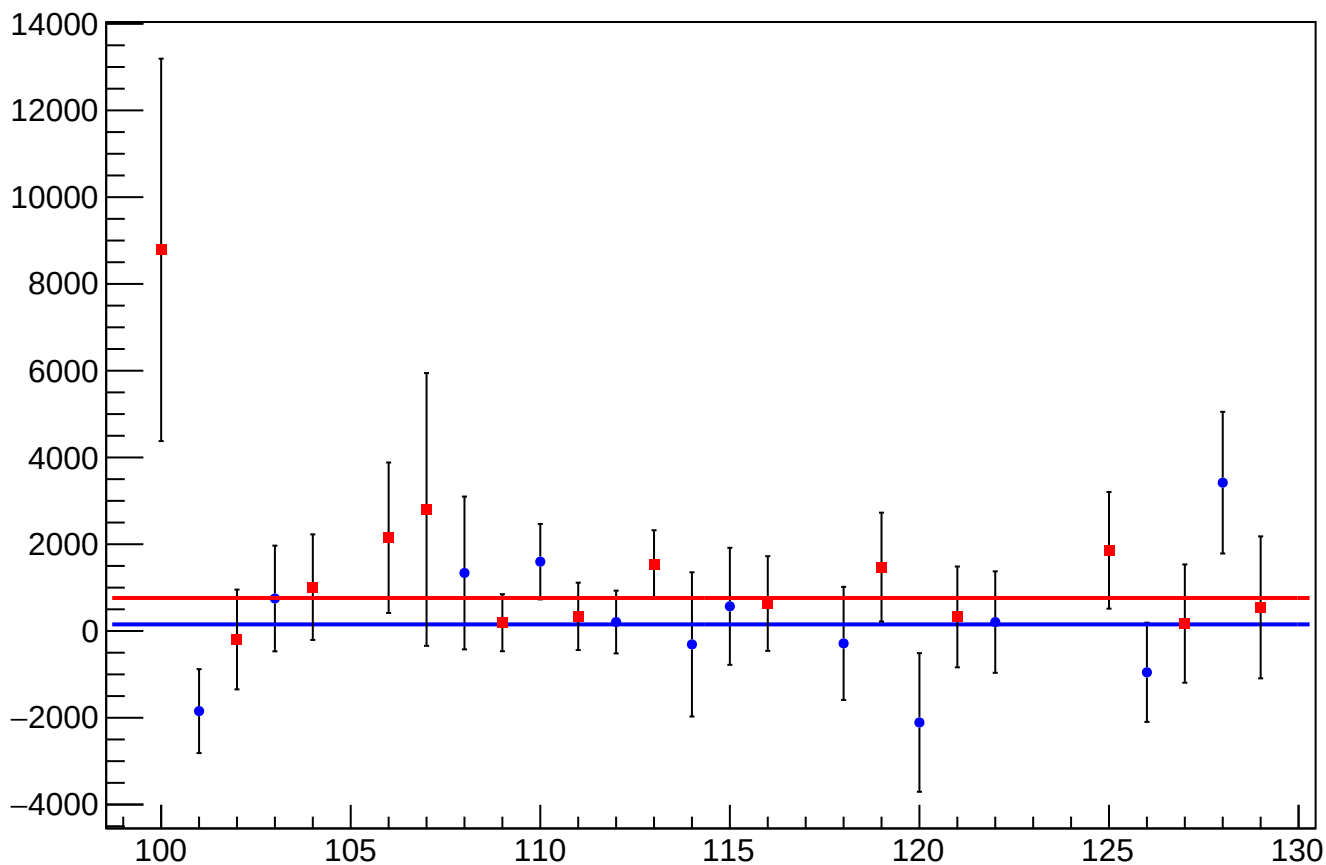
Right: 778.334+/-0.167 χ^2/NDF : 16806.3/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 778.334+/-0.167 χ^2/NDF : 16806.3/25

asym_us_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 152.759+/-332.228 χ^2/NDF : 15.0/11

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

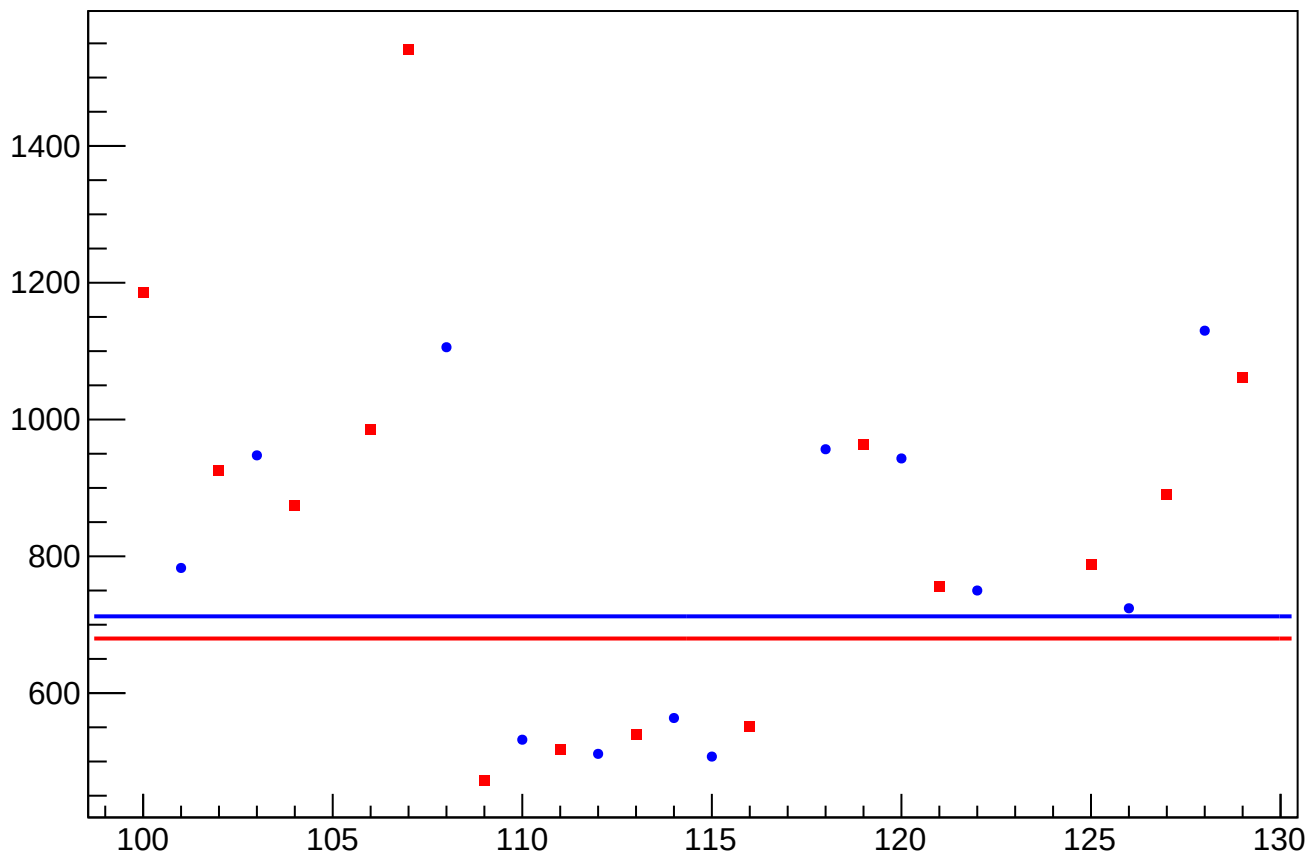
Right: 489.120+/-222.182 χ^2/NDF : 25.3/25

In: 152.759+/-332.228 χ^2/NDF : 15.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 489.120+/-222.182 χ^2/NDF : 25.3/25

asym_us_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 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

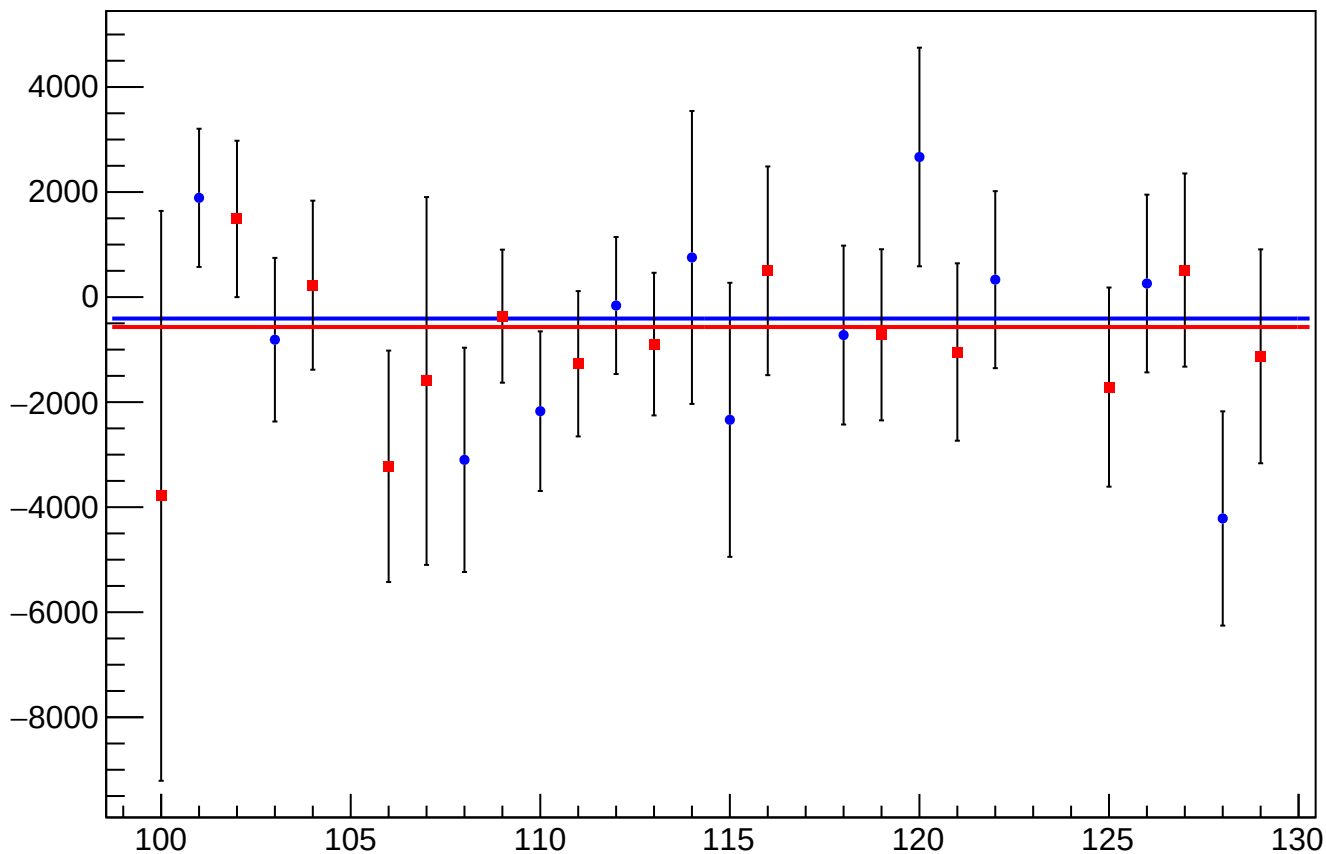
Right: 694.320+/-0.157 χ^2/NDF : 1783503.1/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 694.320+/-0.157 χ^2/NDF : 1783503.1/25

asym_us_dd_mean vs Slug, Sign Corrected



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

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

Right Out: -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

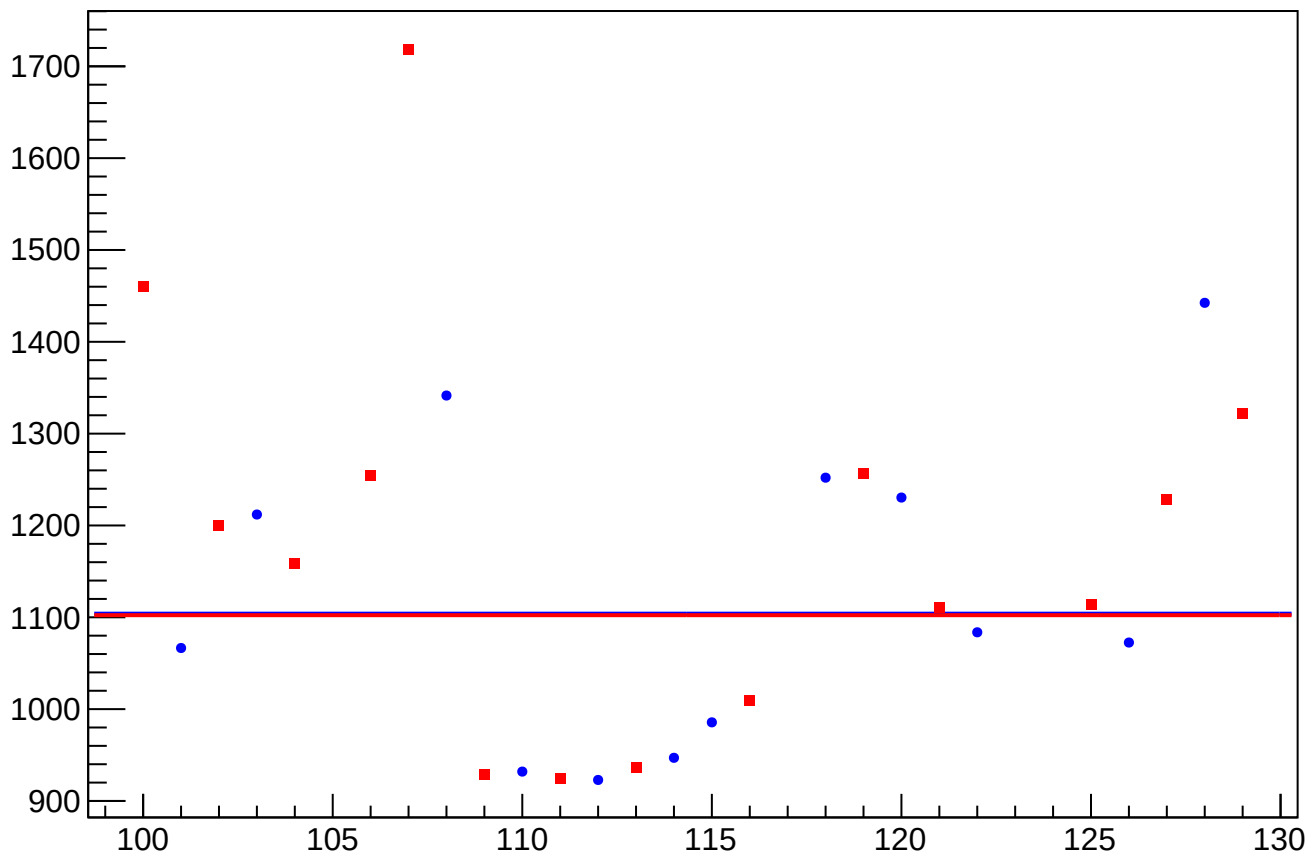
Right: -494.935+/-339.715 χ^2/NDF : 18.5/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -494.935+/-339.715 χ^2/NDF : 18.5/25

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1103.945+/-0.353 χ^2/NDF : 189145.3/11

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

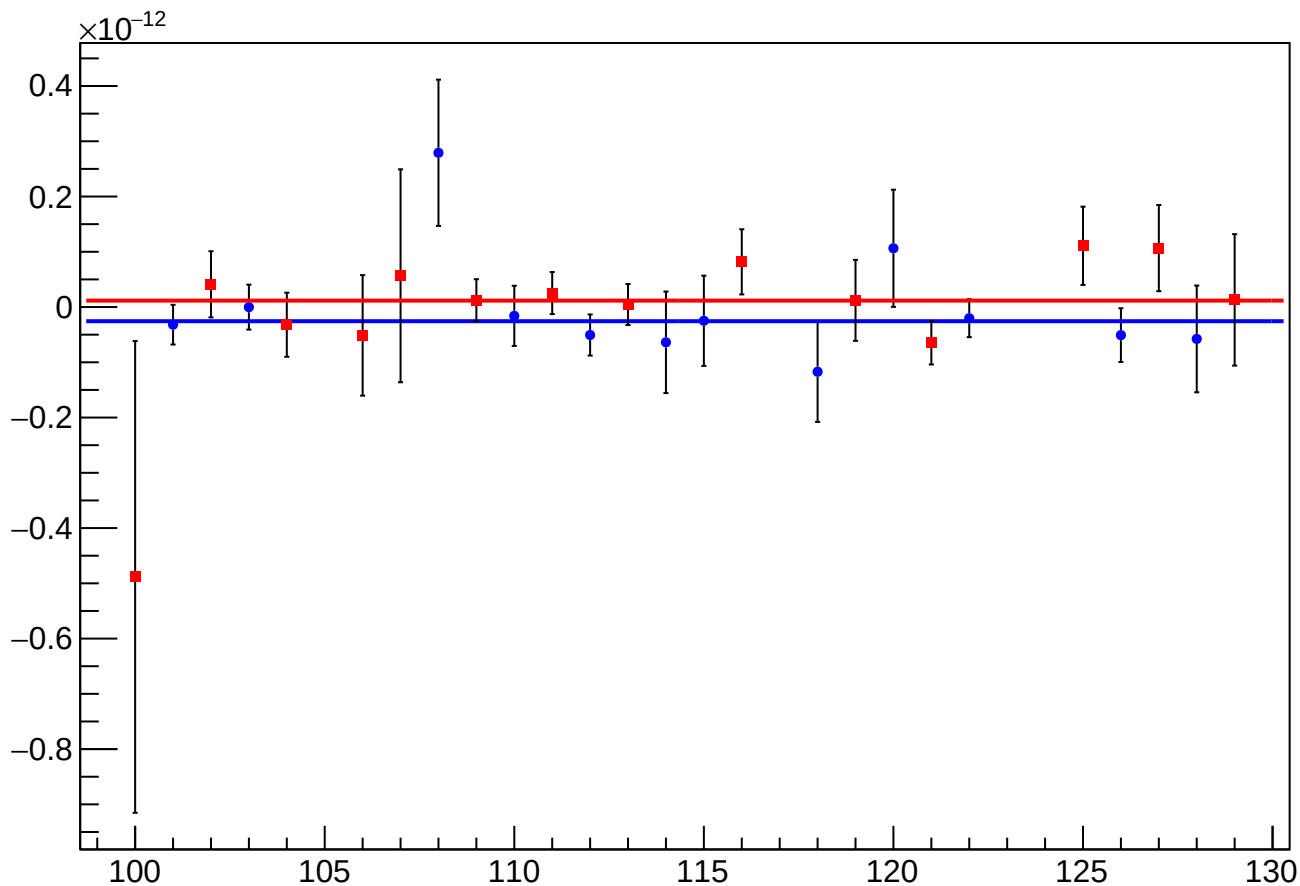
Right: 1103.067+/-0.240 χ^2/NDF : 435428.6/25

In: 1103.945+/-0.353 χ^2/NDF : 189145.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1103.067+/-0.240 χ^2/NDF : 435428.6/25

asym_us_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.3/11

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

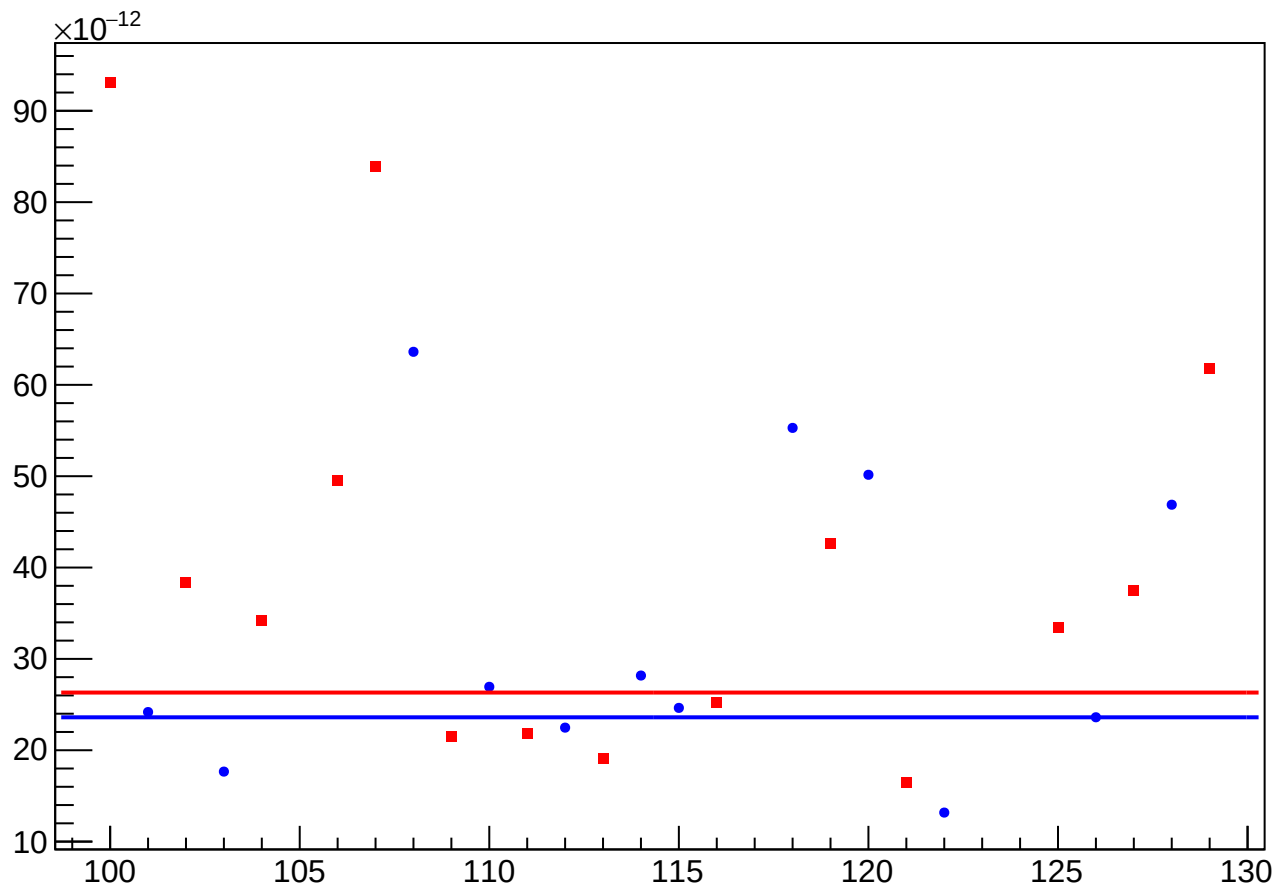
Right: -0.000+/-0.000 χ^2/NDF : 23.7/25

In: -0.000+/-0.000 χ^2/NDF : 9.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.7/25

asym_us_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 910386.5/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 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

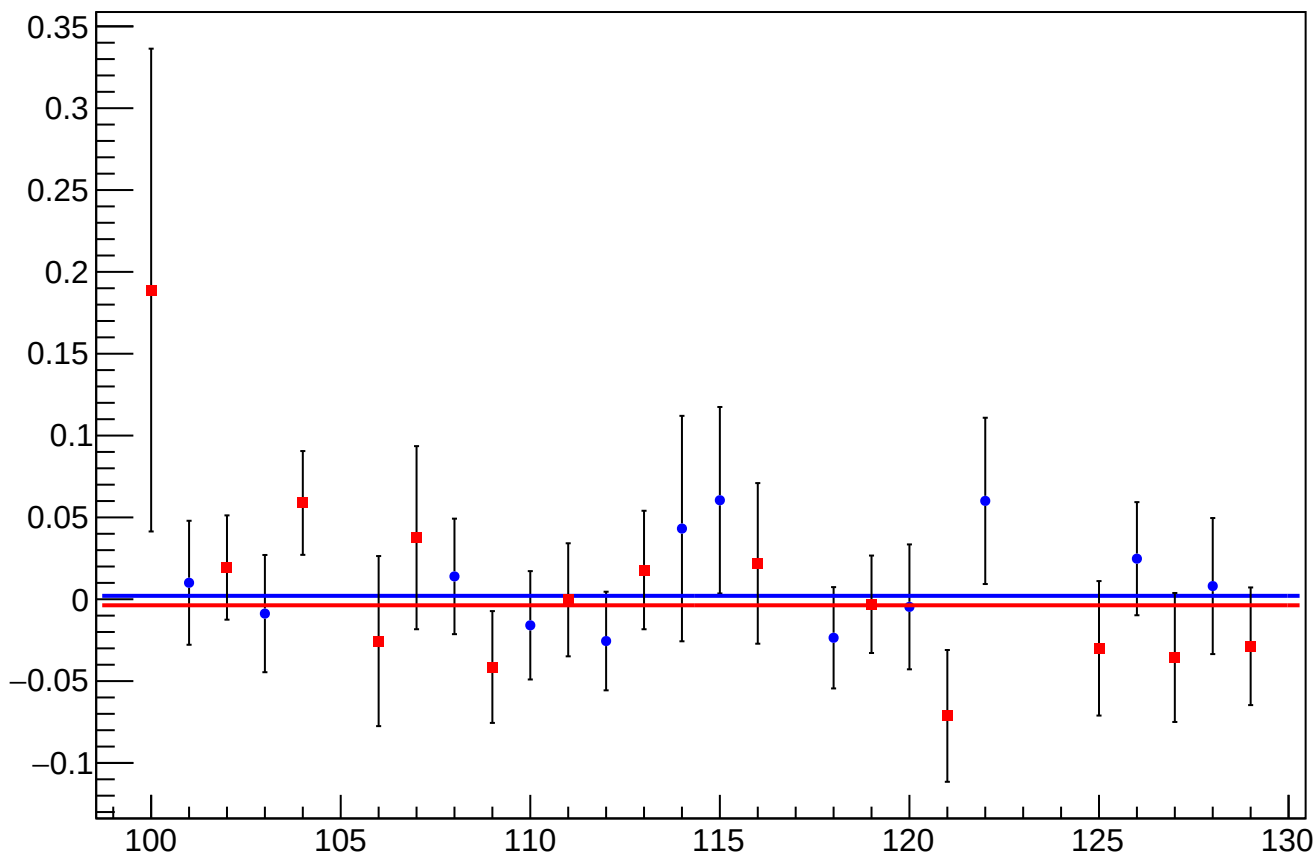
Right: 0.000+/-0.000 χ^2/NDF : 1980070.2/25

In: 0.000+/-0.000 χ^2/NDF : 910386.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1980070.2/25

asym_us_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.004 $\pm$ 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

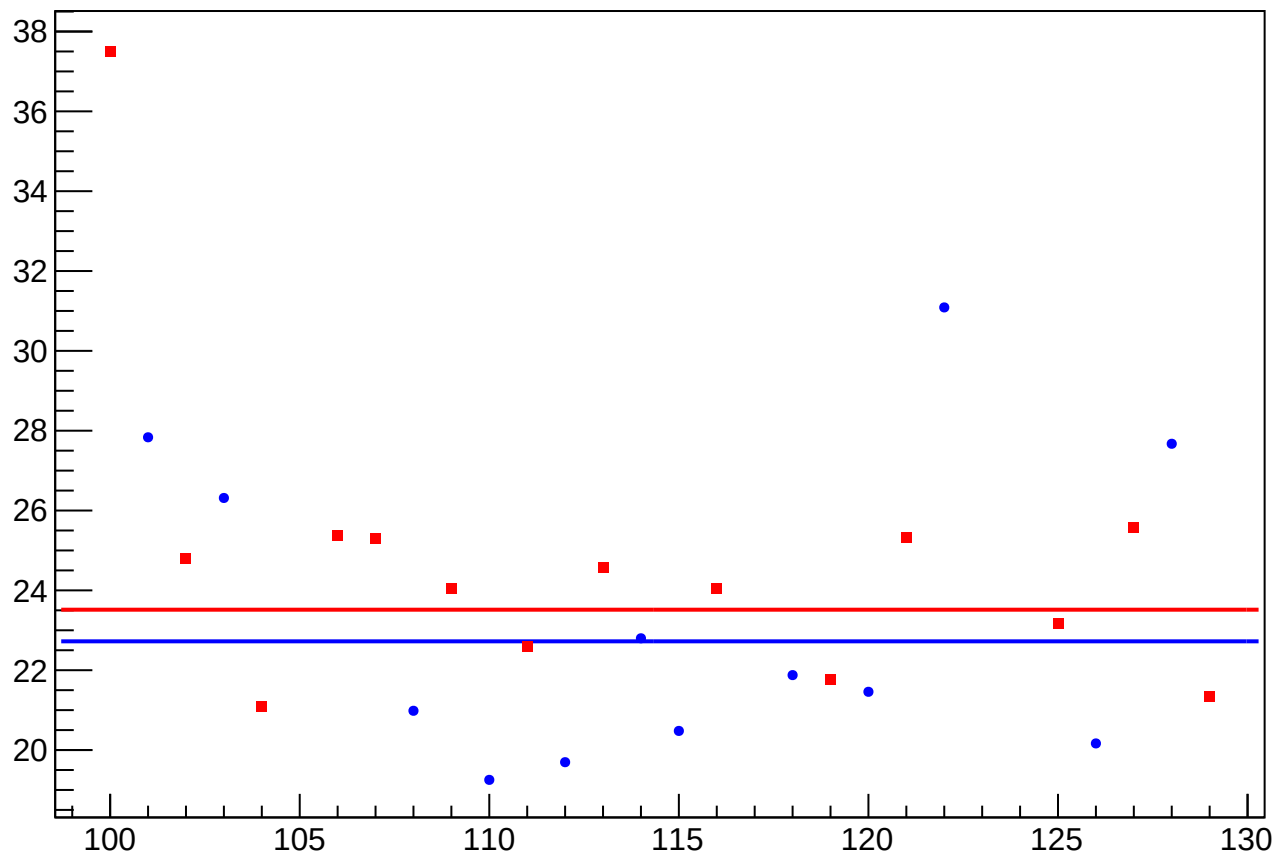
Right: -0.001 $\pm$ 0.008 χ^2 /NDF: 18.5/25

In: 0.002 $\pm$ 0.011 χ^2 /NDF:5.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.008 χ^2 /NDF: 18.5/25

asym_us_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 23.516+/-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

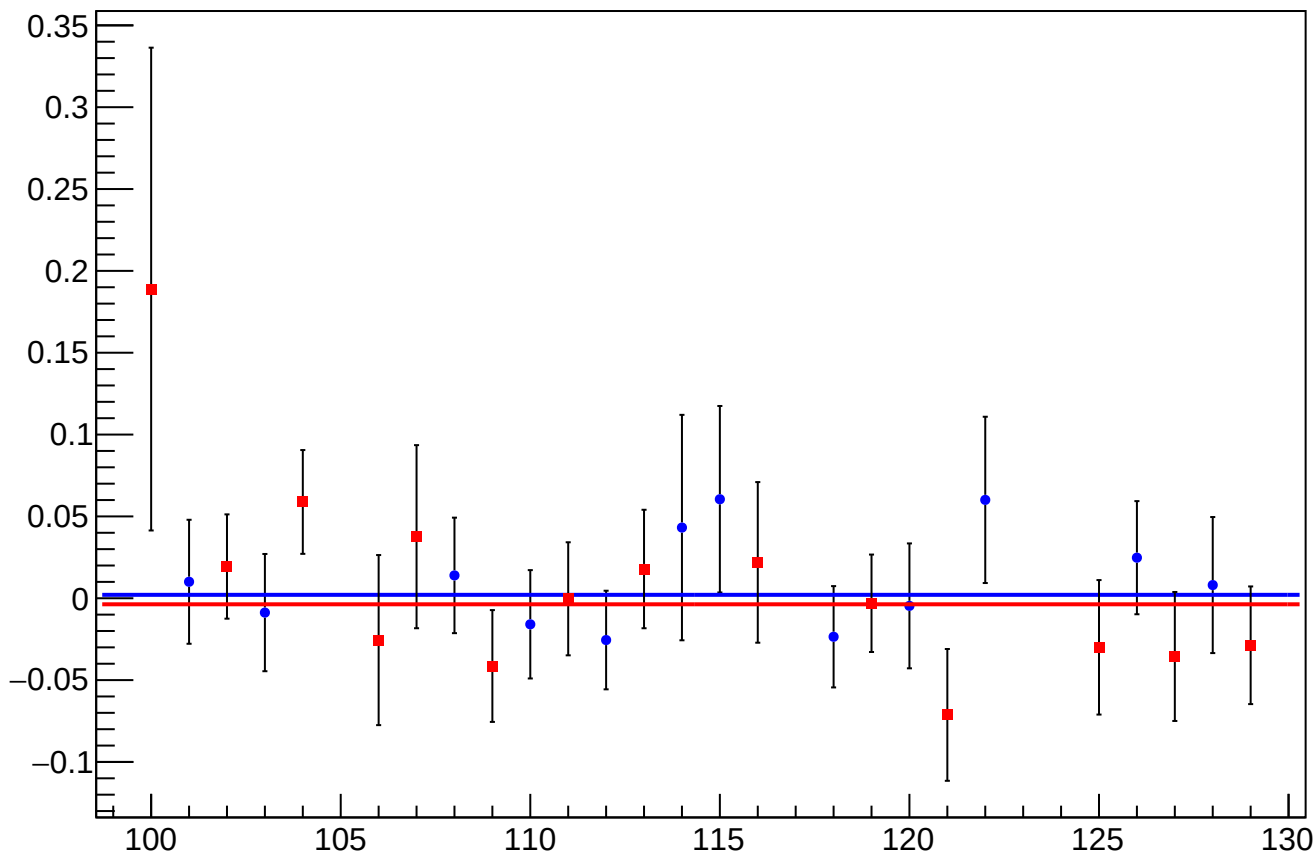
Right: 23.142+/-0.005 χ^2 /NDF: 274746.1/25

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

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 23.142+/-0.005 χ^2 /NDF: 274746.1/25

asym_us_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.004 $\pm$ 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

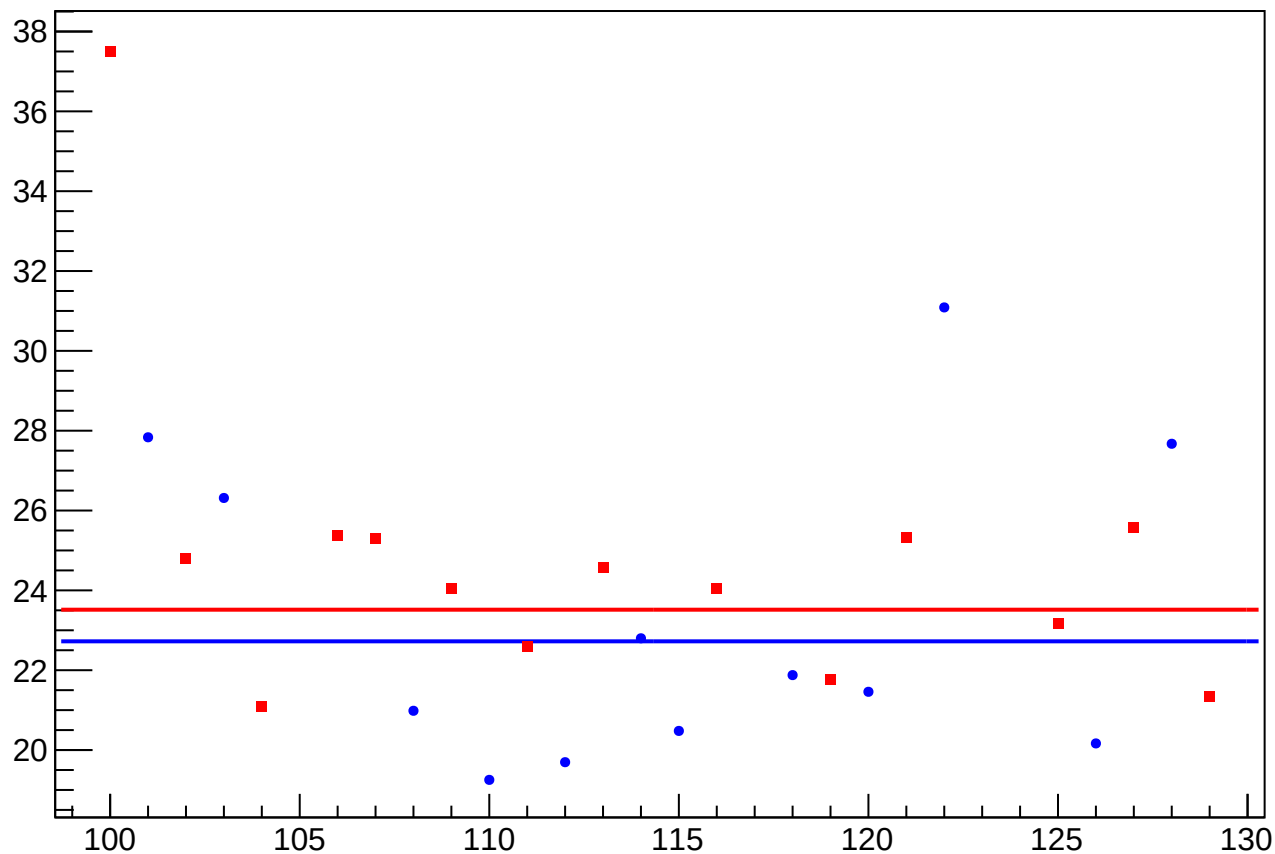
Right: -0.001 $\pm$ 0.008 χ^2 /NDF: 18.5/25

In: 0.002 $\pm$ 0.011 χ^2 /NDF:5.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.008 χ^2 /NDF: 18.5/25

asym_us_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 23.516+/-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

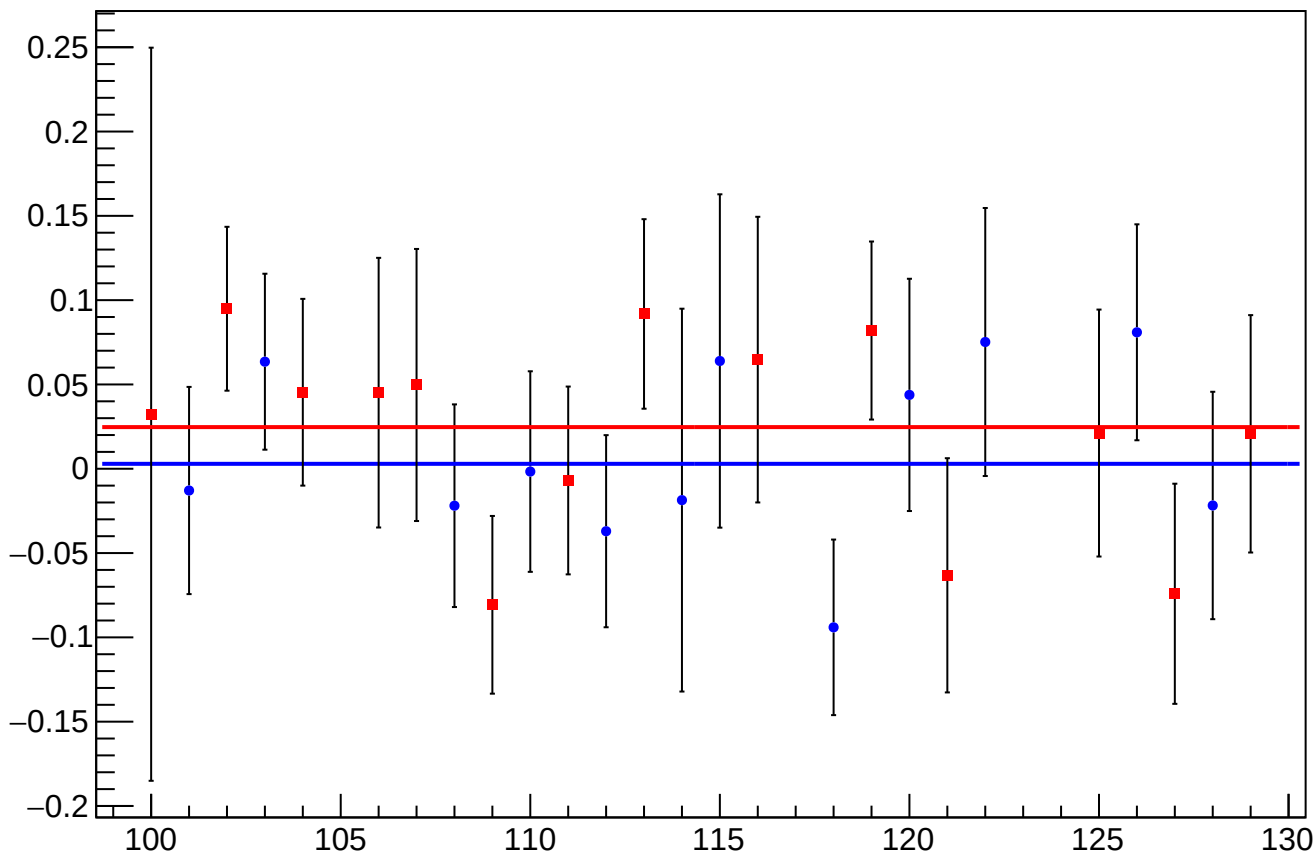
Right: 23.142+/-0.005 χ^2/NDF : 274746.1/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.142+/-0.005 χ^2/NDF : 274746.1/25

asym_us_dd_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.025+/-0.017 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

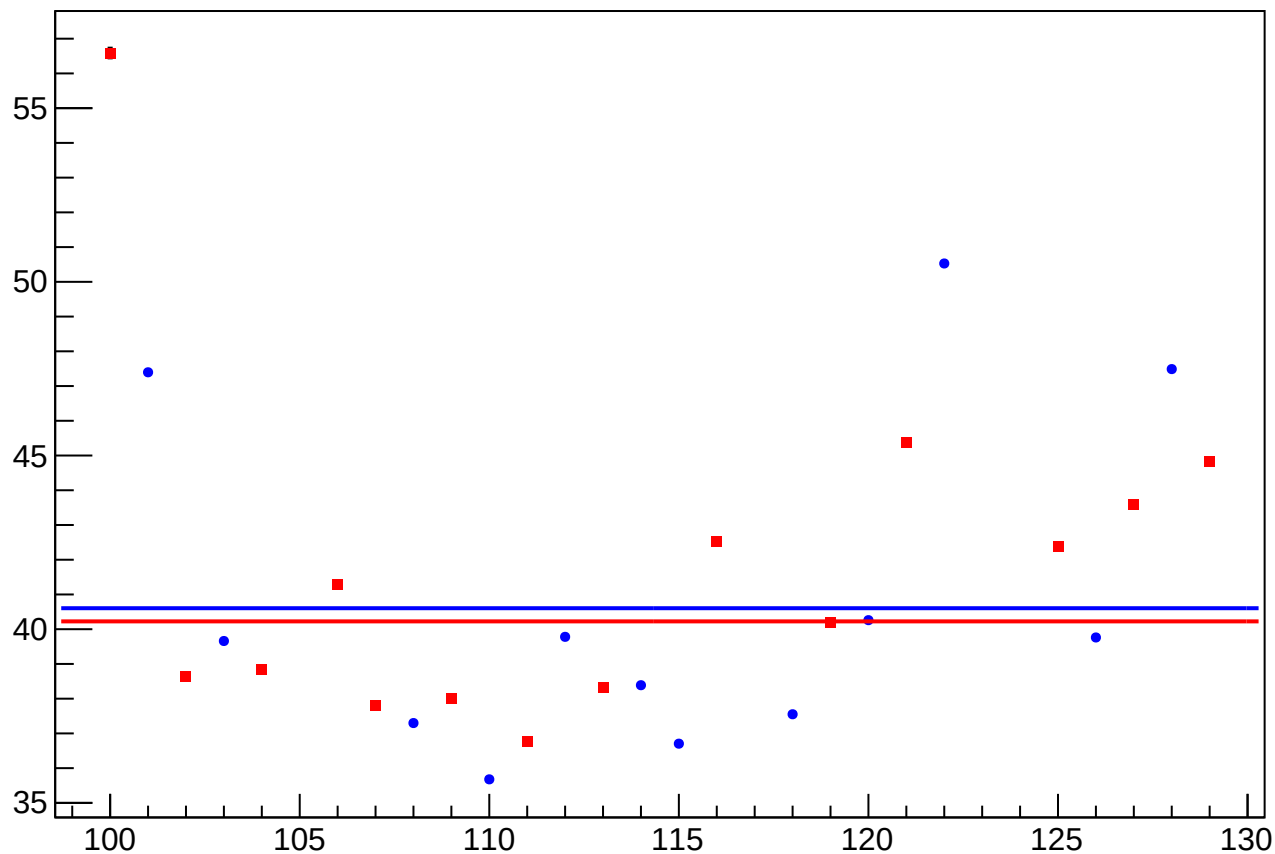
Right: 0.015+/-0.013 χ^2/NDF : 22.9/25

In: 0.003+/-0.019 χ^2/NDF : 8.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.013 χ^2/NDF : 22.9/25

asym_us_dd_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.604+/-0.013 χ^2/NDF : 108450.7/11

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

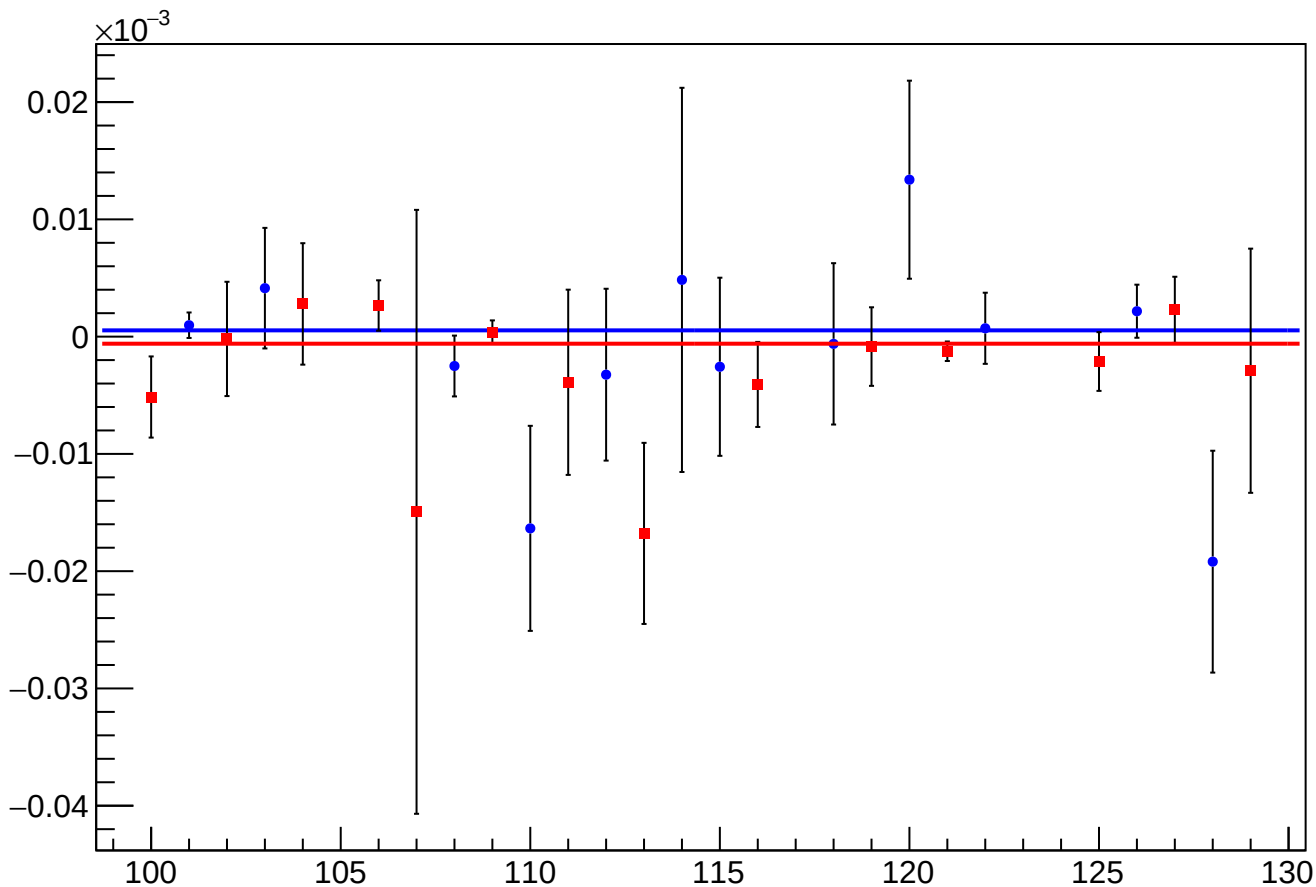
Right: 40.399+/-0.009 χ^2/NDF : 167437.3/25

In: 40.604+/-0.013 χ^2/NDF : 108450.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.399+/-0.009 χ^2/NDF : 167437.3/25

asym_us_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.5/11

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

Right Out: -0.000+/-0.000 χ^2/NDF : 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

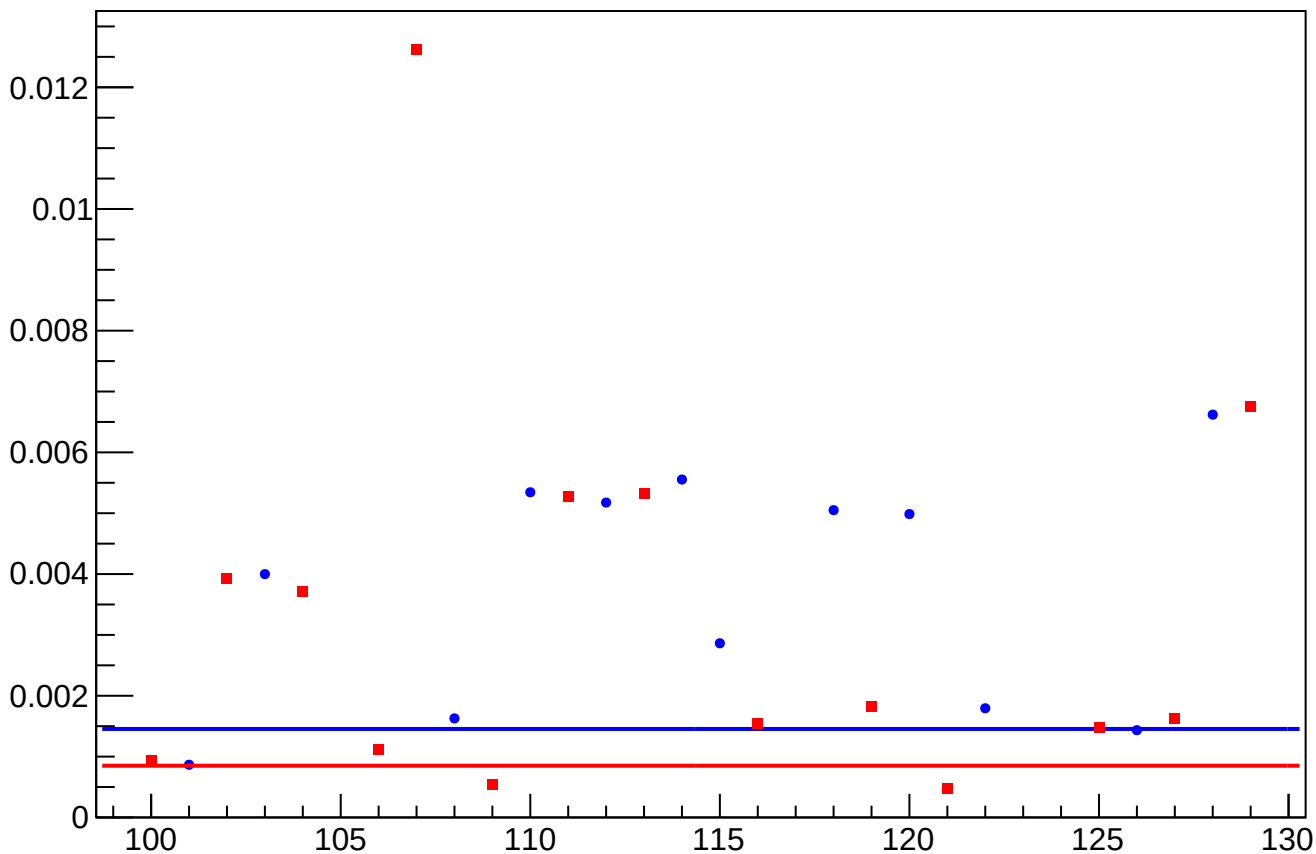
Right: -0.000+/-0.000 χ^2/NDF : 28.1/25

In: 0.000+/-0.000 χ^2/NDF : 13.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.1/25

asym_us_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 3708763.6/11

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

Right Out: 0.001+/-0.000 χ^2/NDF : 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

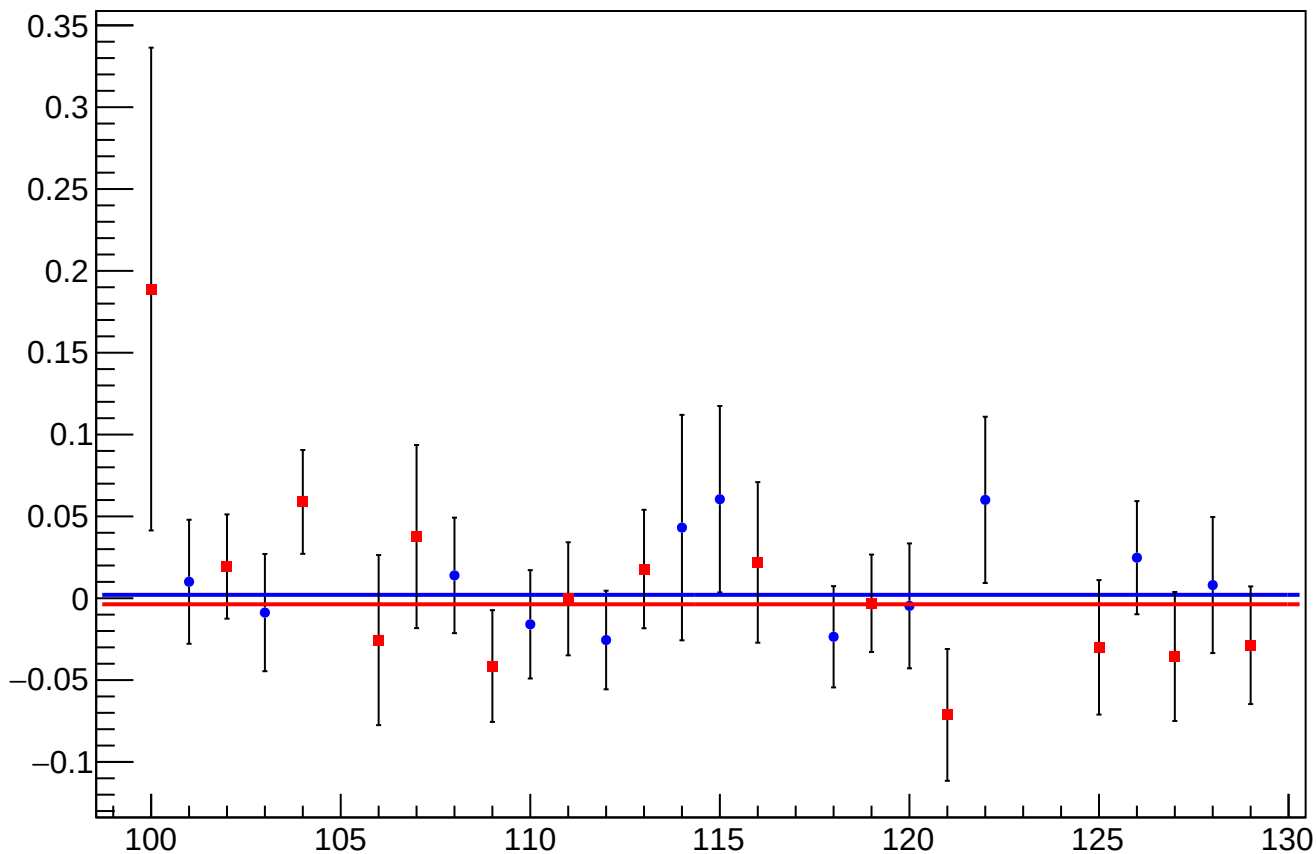
Right: 0.001+/-0.000 χ^2/NDF : 9357818.5/25

In: 0.001+/-0.000 χ^2/NDF :3708763.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 9357818.5/25

asym_us_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.004 $\pm$ 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

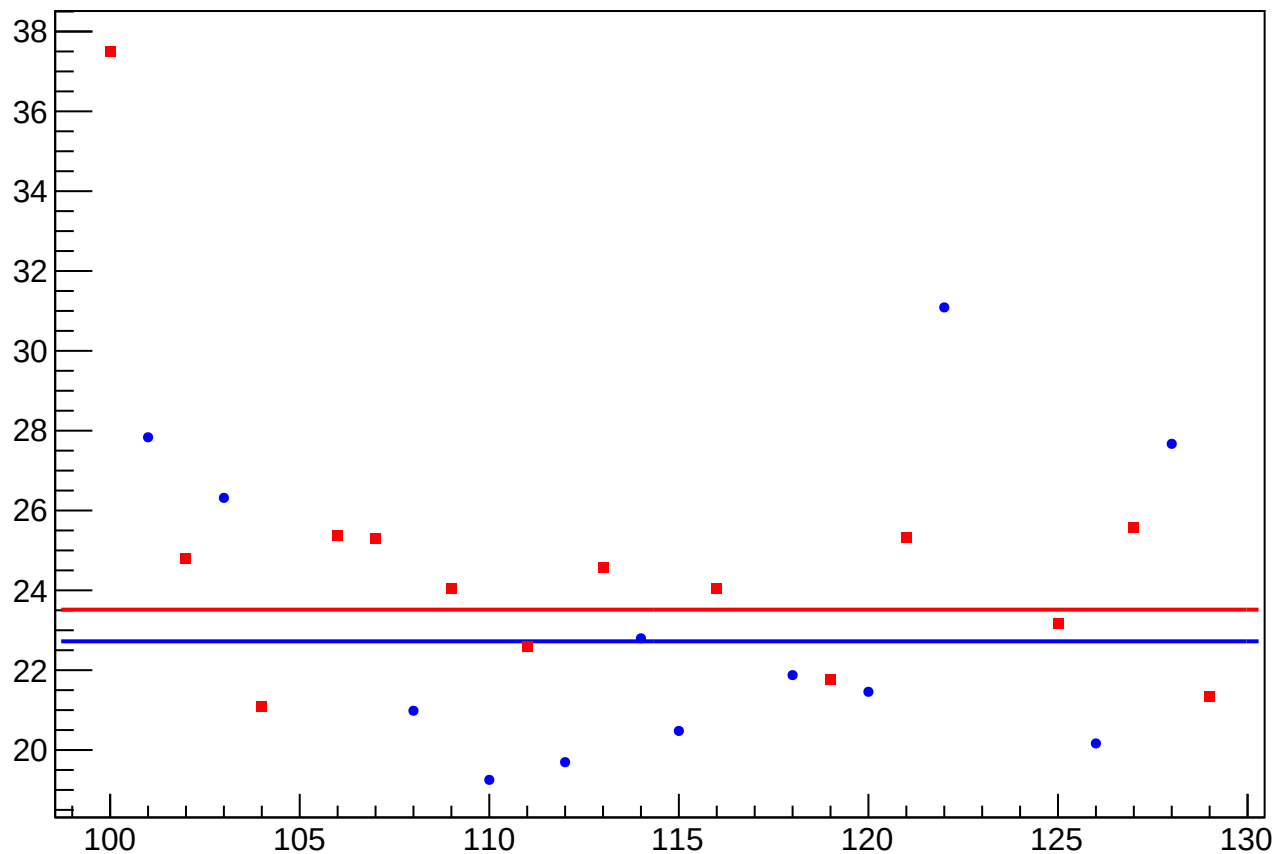
Right: -0.001 $\pm$ 0.008 χ^2 /NDF: 18.5/25

In: 0.002 $\pm$ 0.011 χ^2 /NDF:5.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.008 χ^2 /NDF: 18.5/25

asym_us_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 23.516+/-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

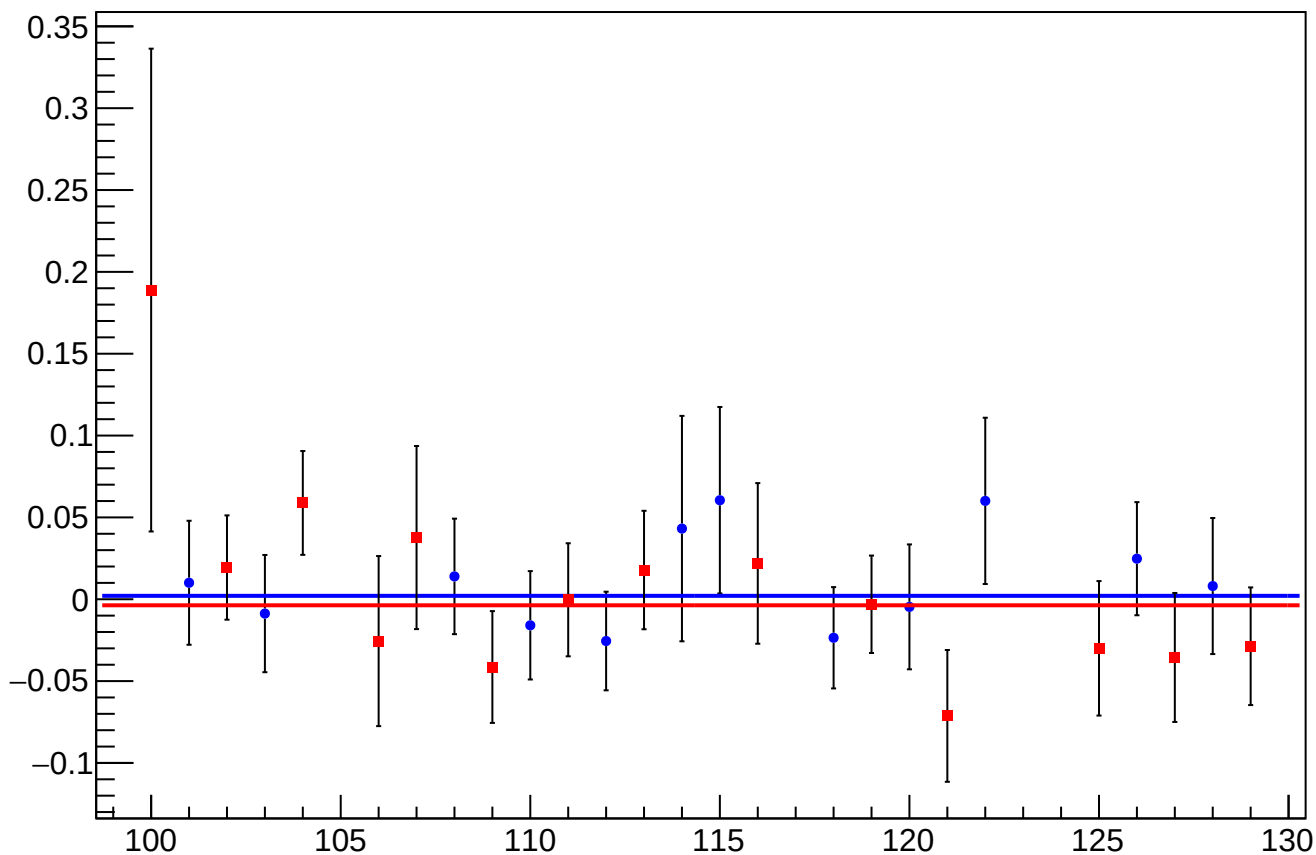
Right: 23.142+/-0.005 χ^2/NDF : 274776.9/25

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.142+/-0.005 χ^2/NDF : 274776.9/25

asym_us_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.004 $\pm$ 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

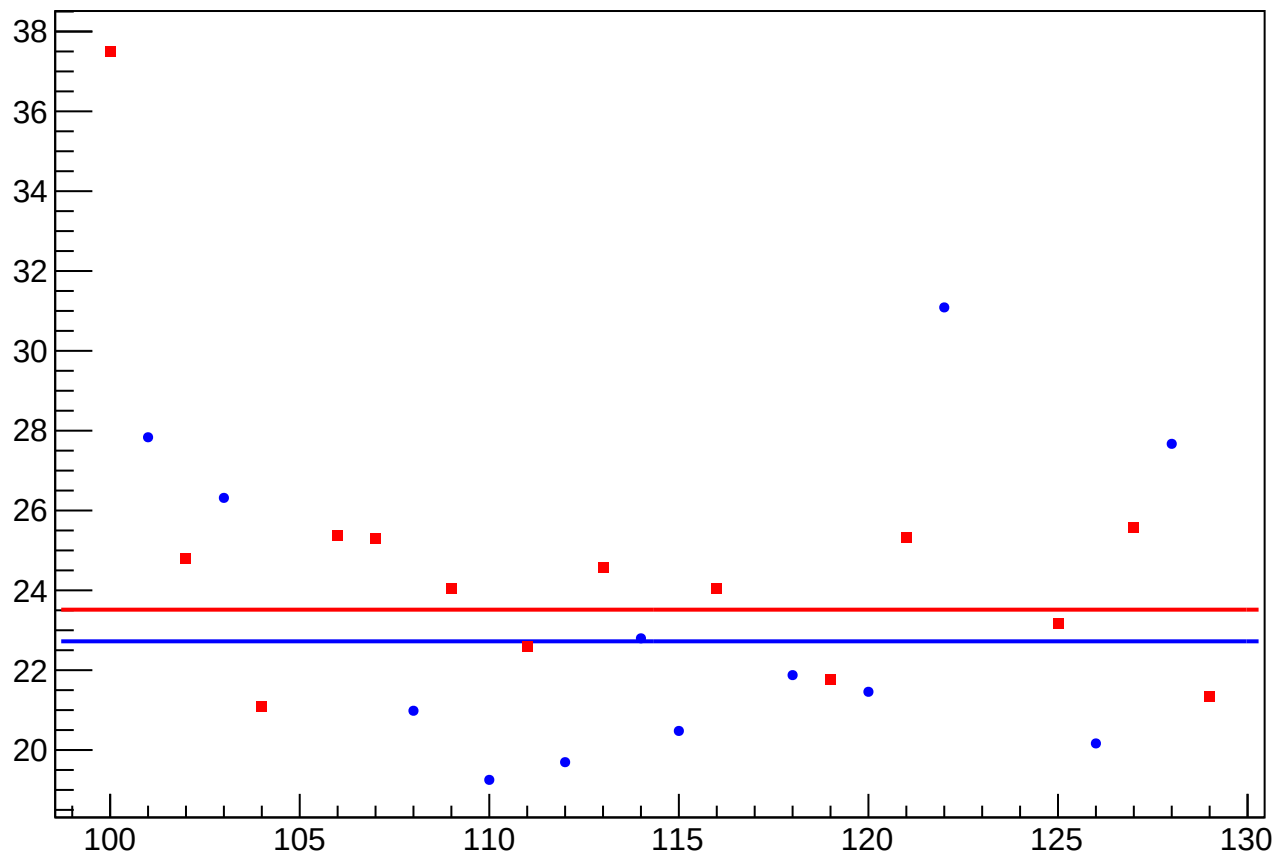
Right: -0.001 $\pm$ 0.008 χ^2 /NDF: 18.5/25

In: 0.002 $\pm$ 0.011 χ^2 /NDF:5.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.008 χ^2 /NDF: 18.5/25

asym_us_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 23.516+/-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

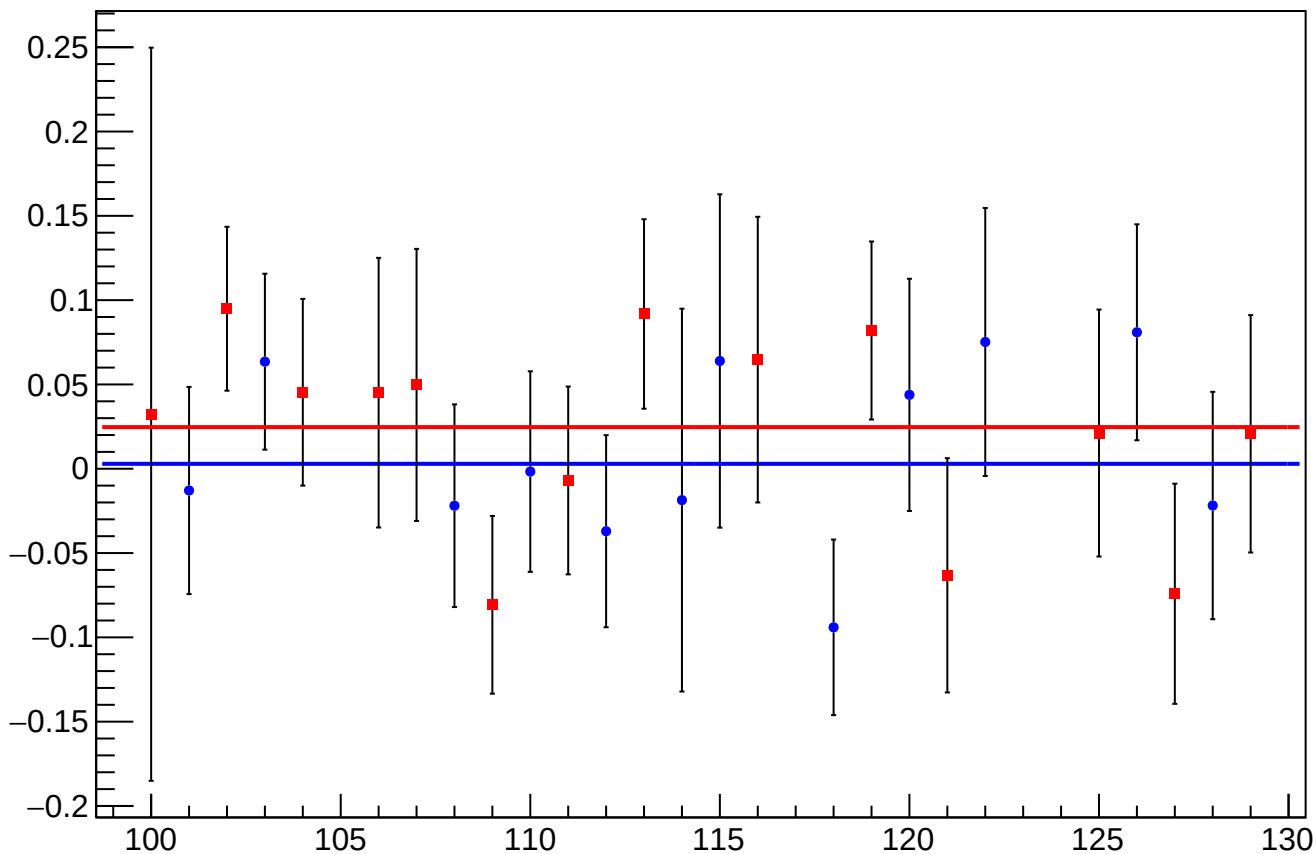
Right: 23.142+/-0.005 χ^2 /NDF: 274776.9/25

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

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 23.142+/-0.005 χ^2 /NDF: 274776.9/25

asym_us_dd_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003 $\pm$ 0.019 χ^2 /NDF: 8.8/11

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

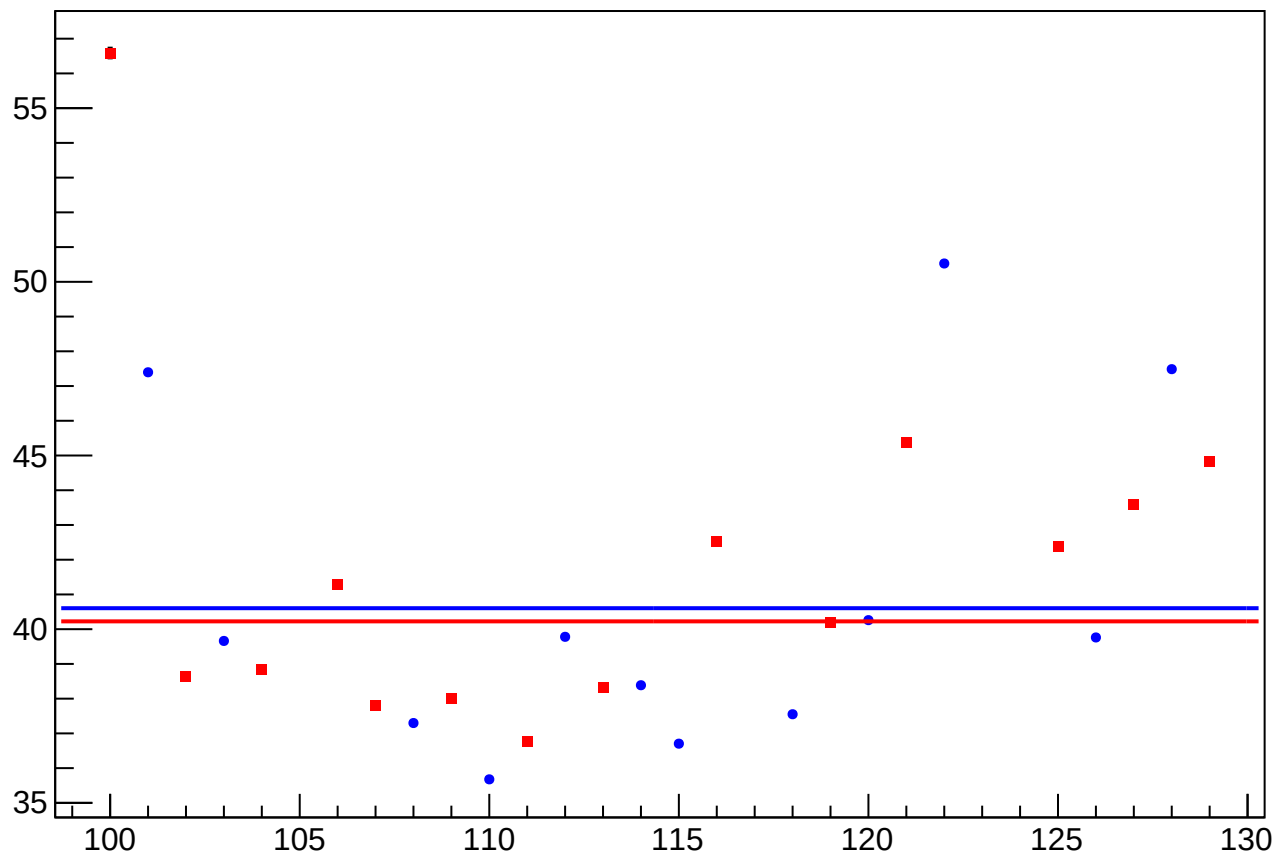
Right: 0.015 $\pm$ 0.013 χ^2 /NDF: 22.9/25

In: 0.003 $\pm$ 0.019 χ^2 /NDF:8.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.015 $\pm$ 0.013 χ^2 /NDF: 22.9/25

asym_us_dd_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.604+/-0.013 χ^2/NDF : 108440.3/11

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

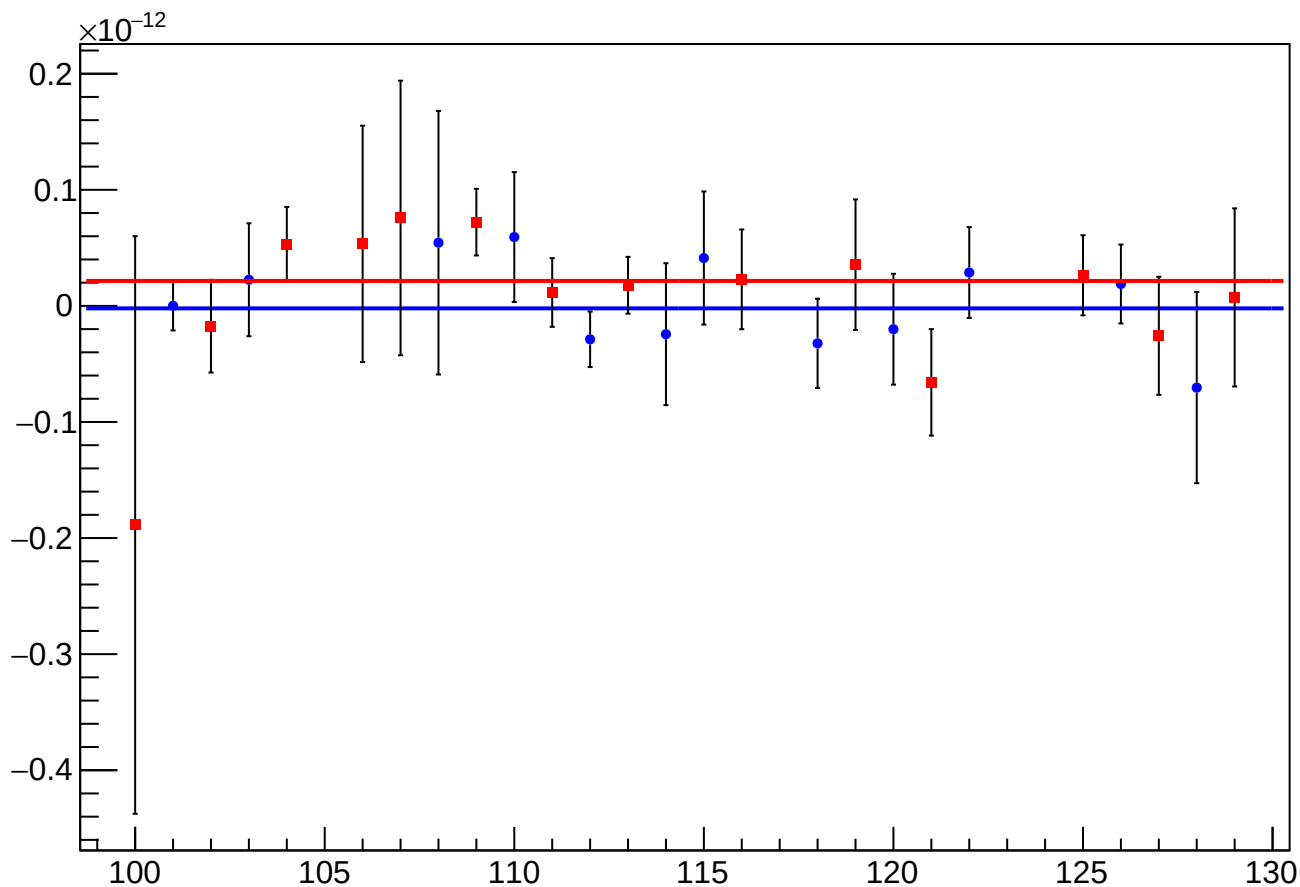
Right: 40.399+/-0.009 χ^2/NDF : 167419.4/25

In: 40.604+/-0.013 χ^2/NDF : 108440.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.399+/-0.009 χ^2/NDF : 167419.4/25

asym_us_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 6.1/11

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

Right Out: 0.000+/-0.000 χ^2 /NDF: 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

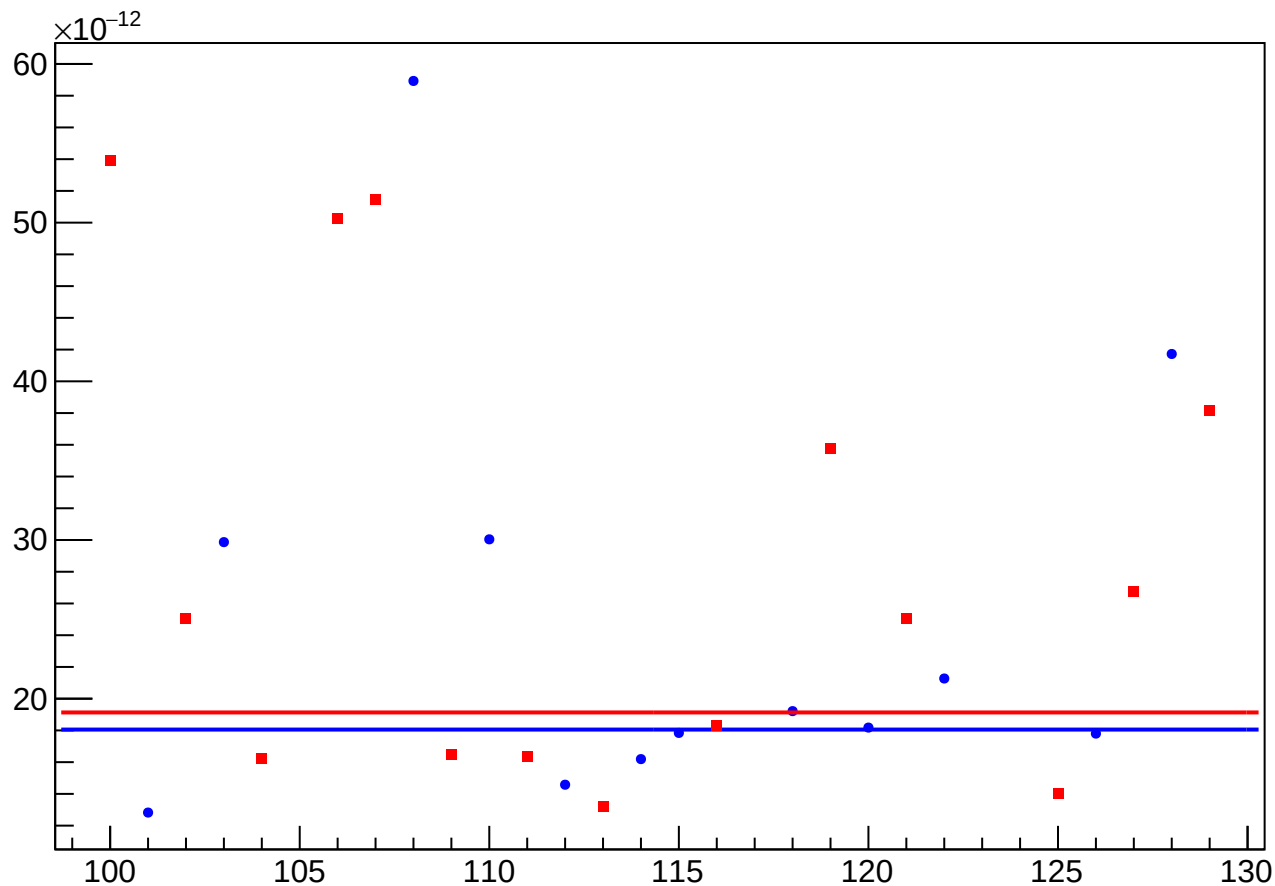
Right: 0.000+/-0.000 χ^2 /NDF: 19.2/25

In: -0.000+/-0.000 χ^2 /NDF:6.1/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 19.2/25

asym_us_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 815092.8/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 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

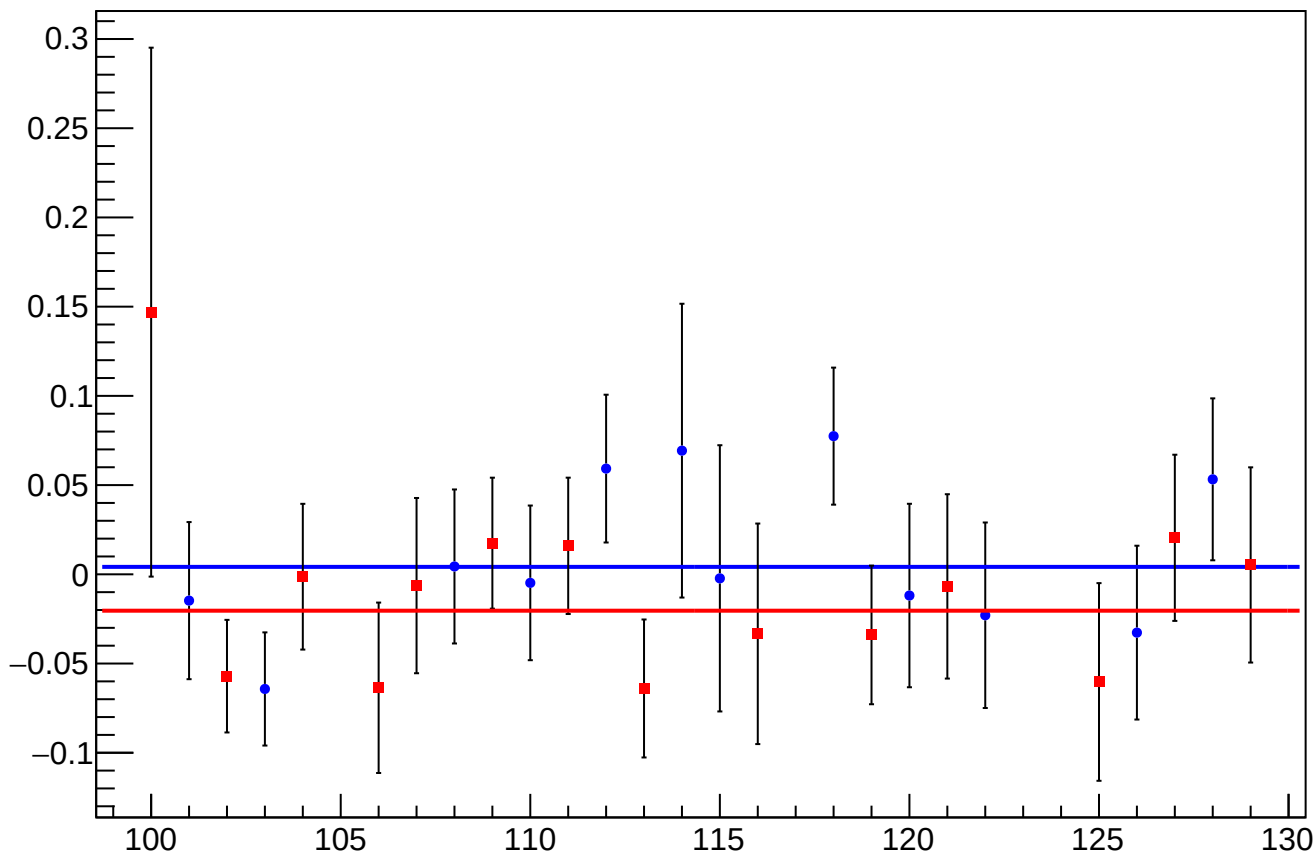
Right: 0.000+/-0.000 χ^2/NDF : 1834132.1/25

In: 0.000+/-0.000 χ^2/NDF : 815092.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1834132.1/25

asym_us_dd_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.020 $\pm$ 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

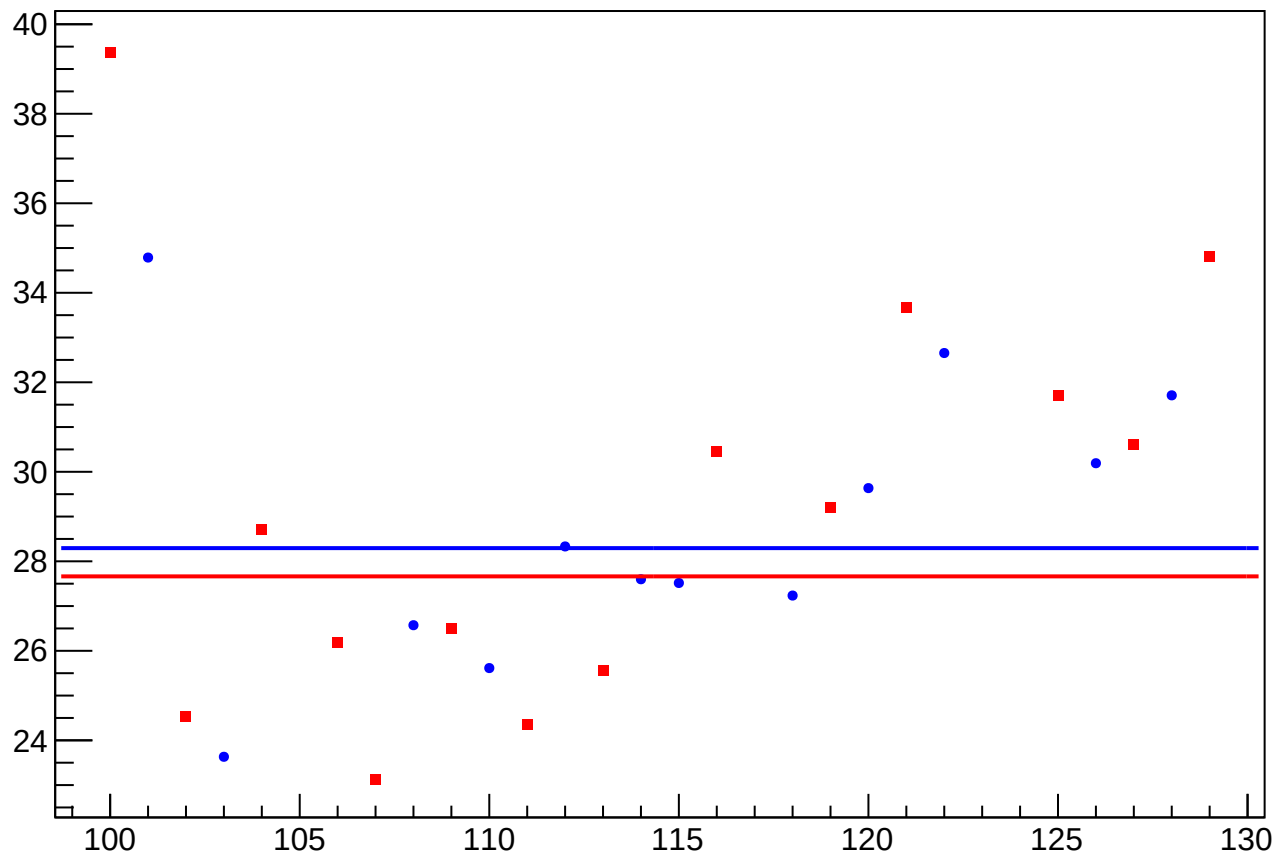
Right: -0.009 $\pm$ 0.009 χ^2 /NDF: 23.7/25

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.009 χ^2 /NDF: 23.7/25

asym_us_dd_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 27.663+/-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

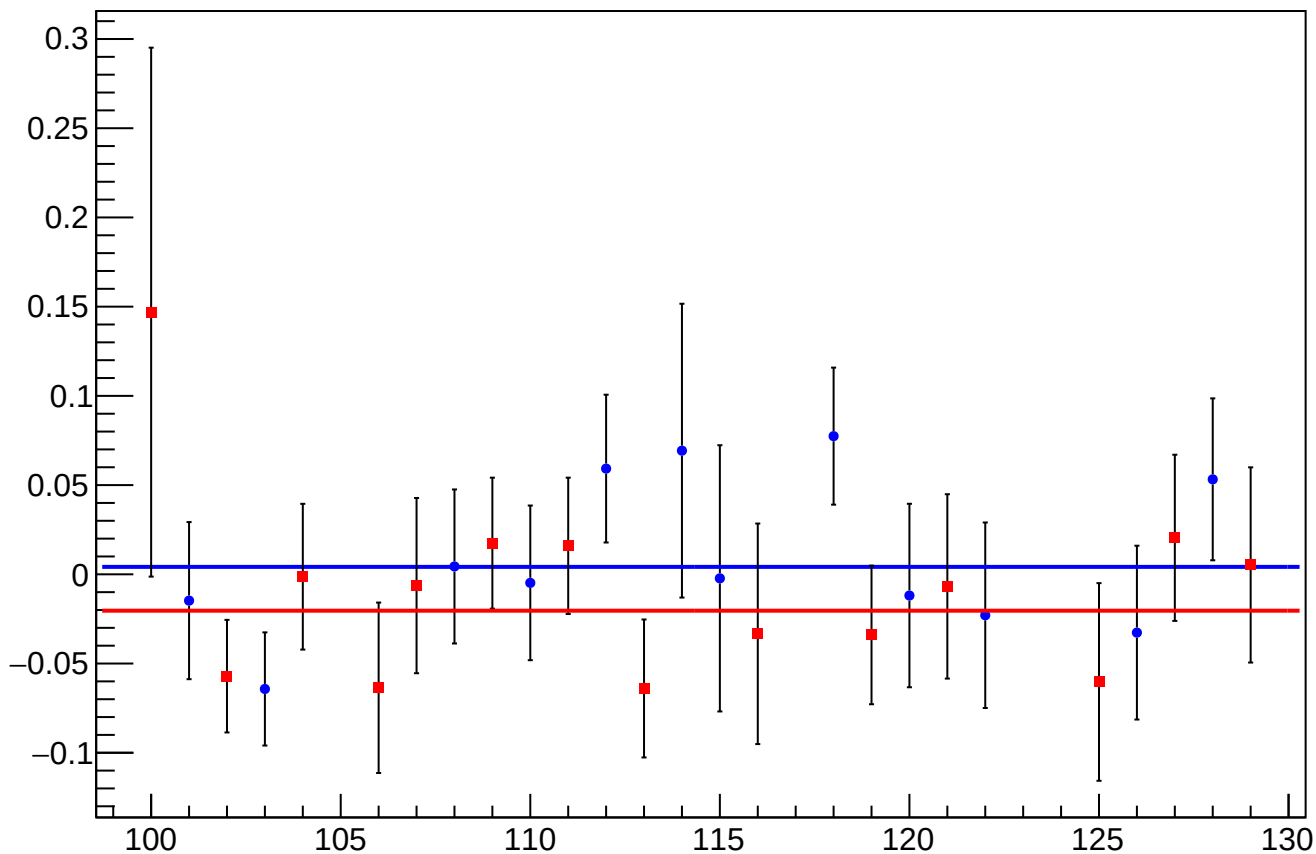
Right: 27.950+/-0.006 χ^2/NDF : 294352.1/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.950+/-0.006 χ^2/NDF : 294352.1/25

asym_us_dd_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.020 $\pm$ 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

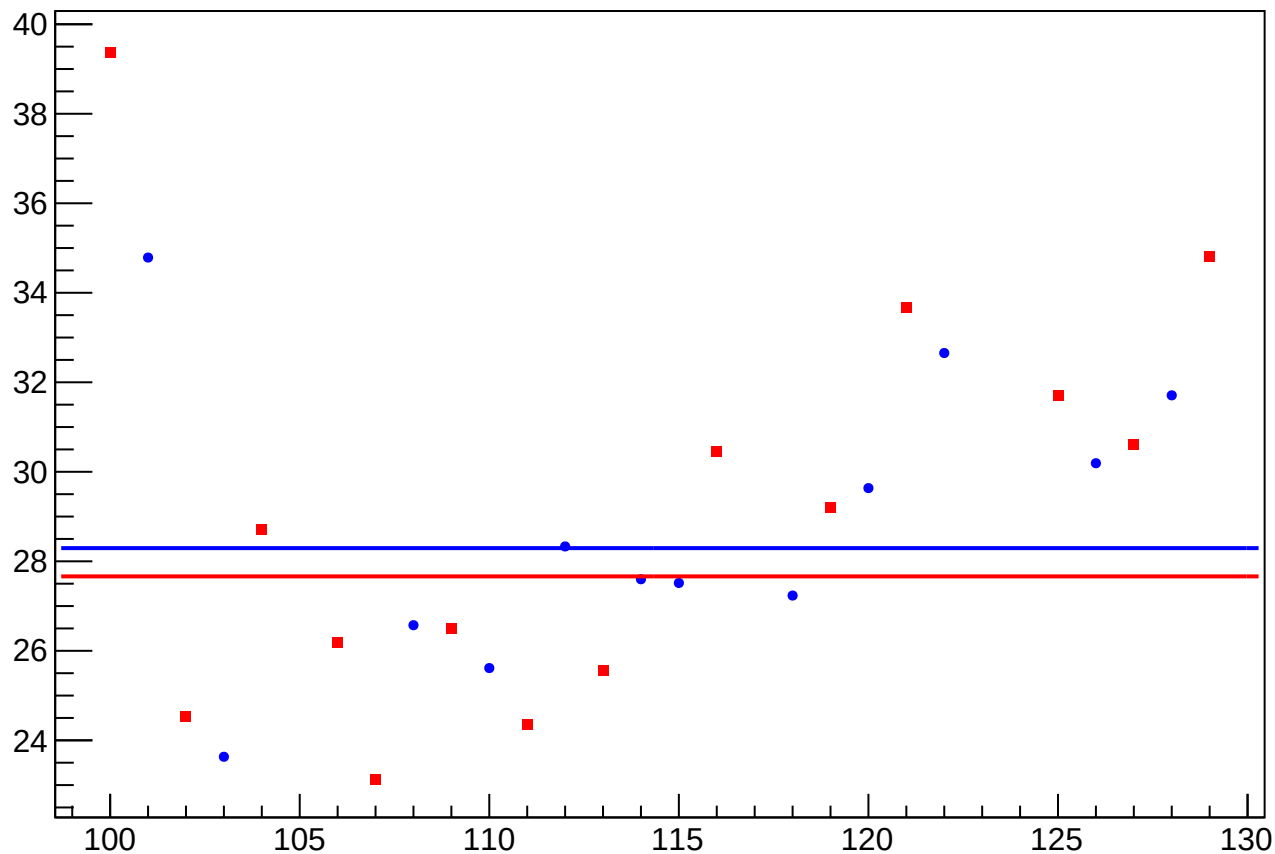
Right: -0.009 $\pm$ 0.009 χ^2 /NDF: 23.7/25

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.009 χ^2 /NDF: 23.7/25

asym_us_dd_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 27.663+/-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

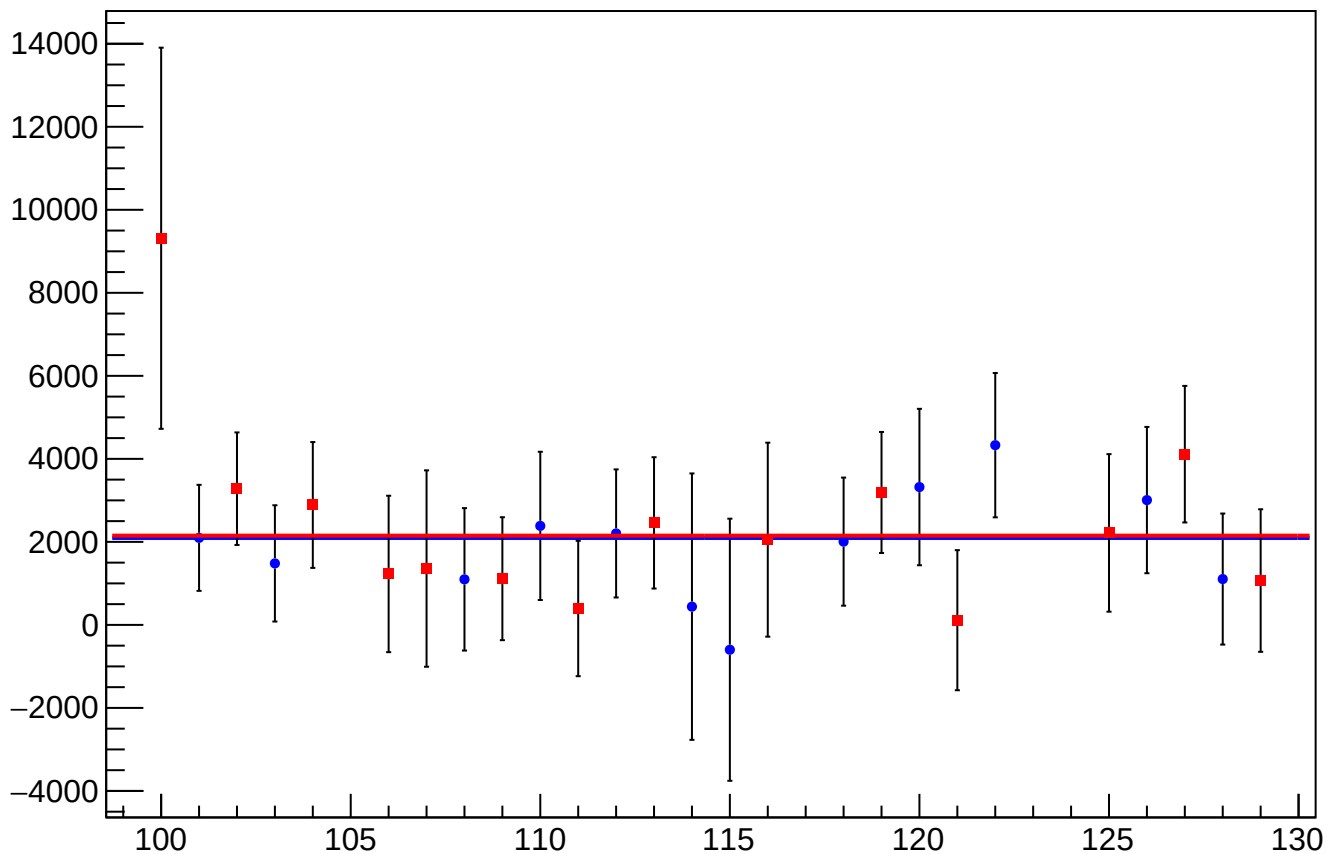
Right: 27.950+/-0.006 χ^2/NDF : 294352.1/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.950+/-0.006 χ^2/NDF : 294352.1/25

reg_asym_usl_mean vs Slug, Sign Corrected



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

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

Right Out: 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

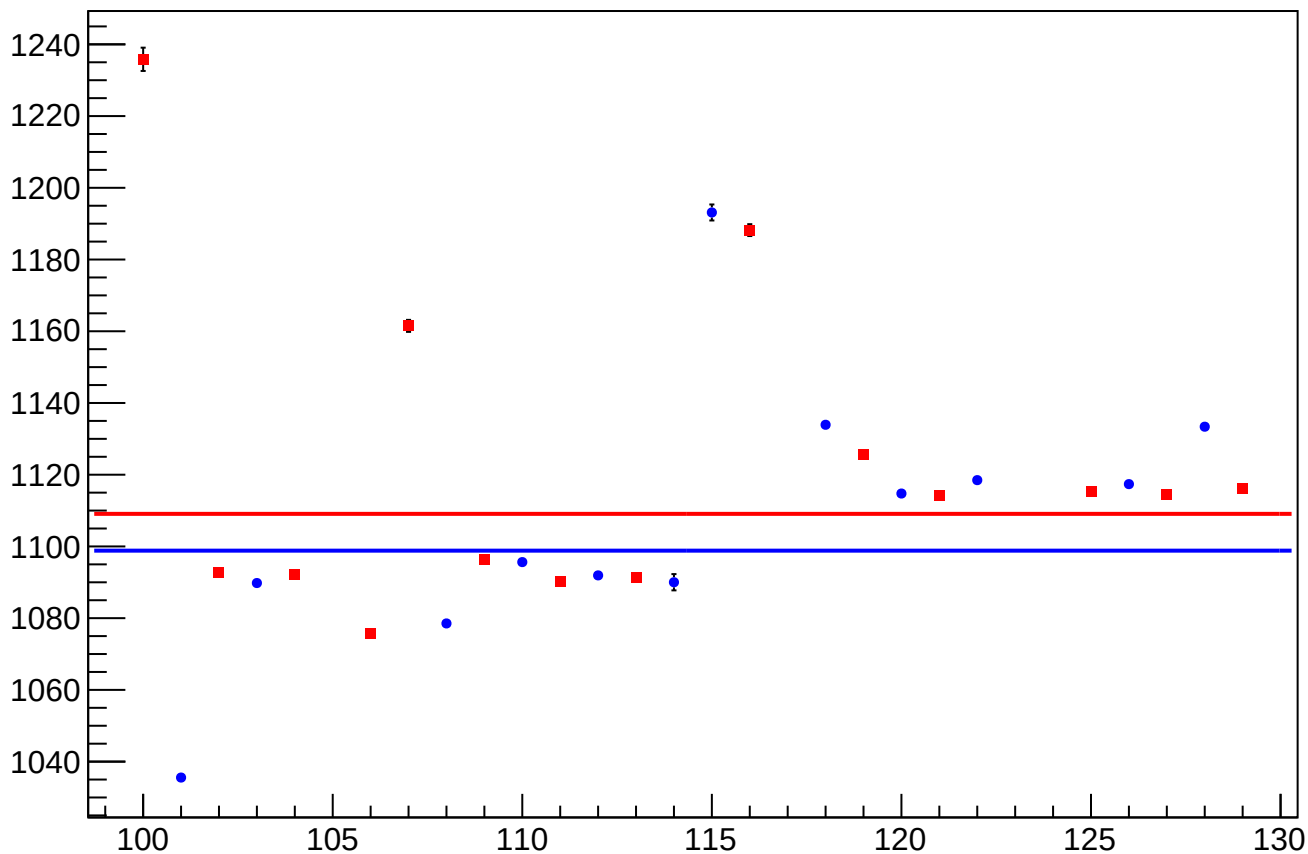
Right: 2124.024+/-335.965 χ^2/NDF : 13.5/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2124.024+/-335.965 χ^2/NDF : 13.5/25

reg_asym_usl_rms vs Slug, Sign Corrected



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

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

Right Out: 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

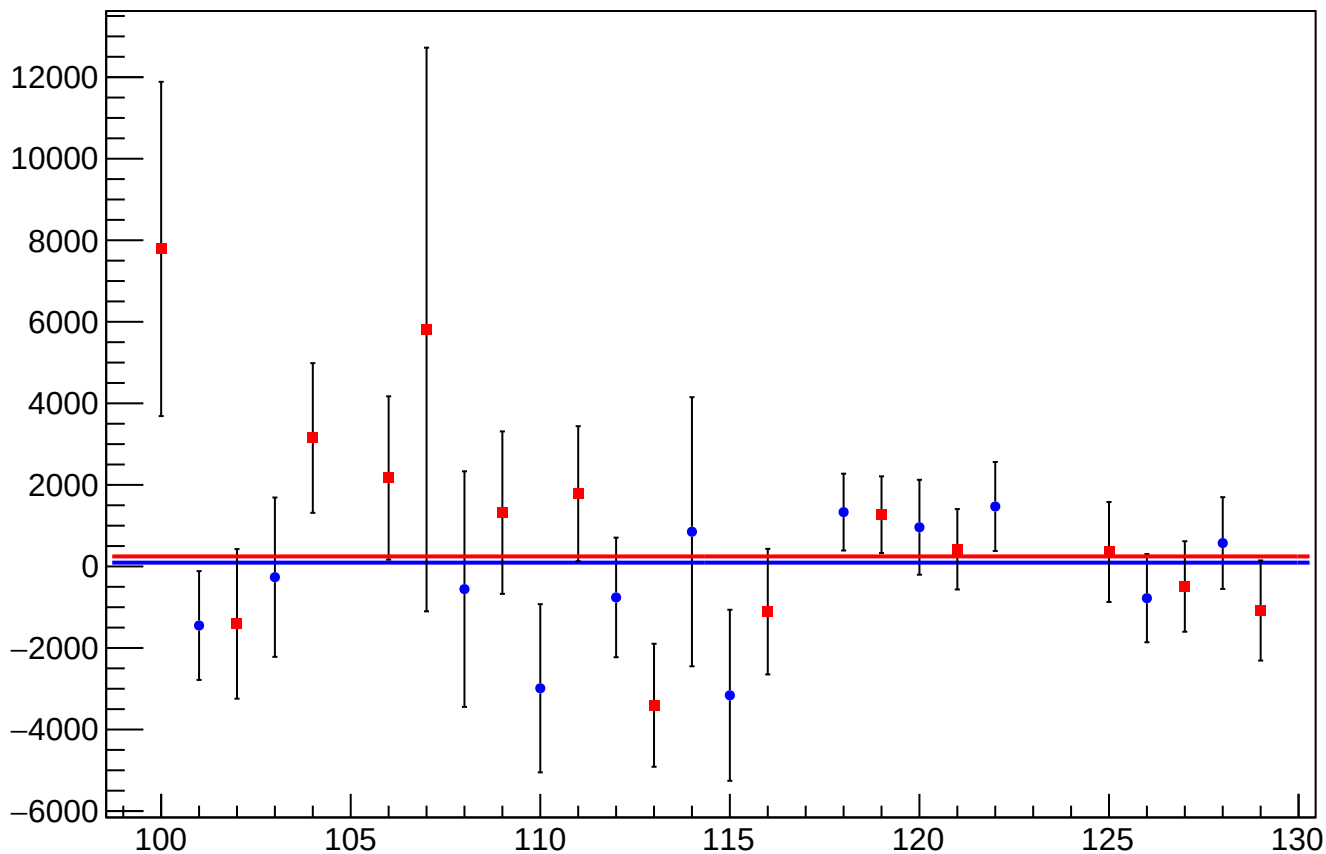
Right: 1104.278+/-0.238 χ^2/NDF : 17175.9/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1104.278+/-0.238 χ^2/NDF : 17175.9/25

asym_usl_reg_correction_mean vs Slug, Sign Corrected



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

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

Right Out: 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

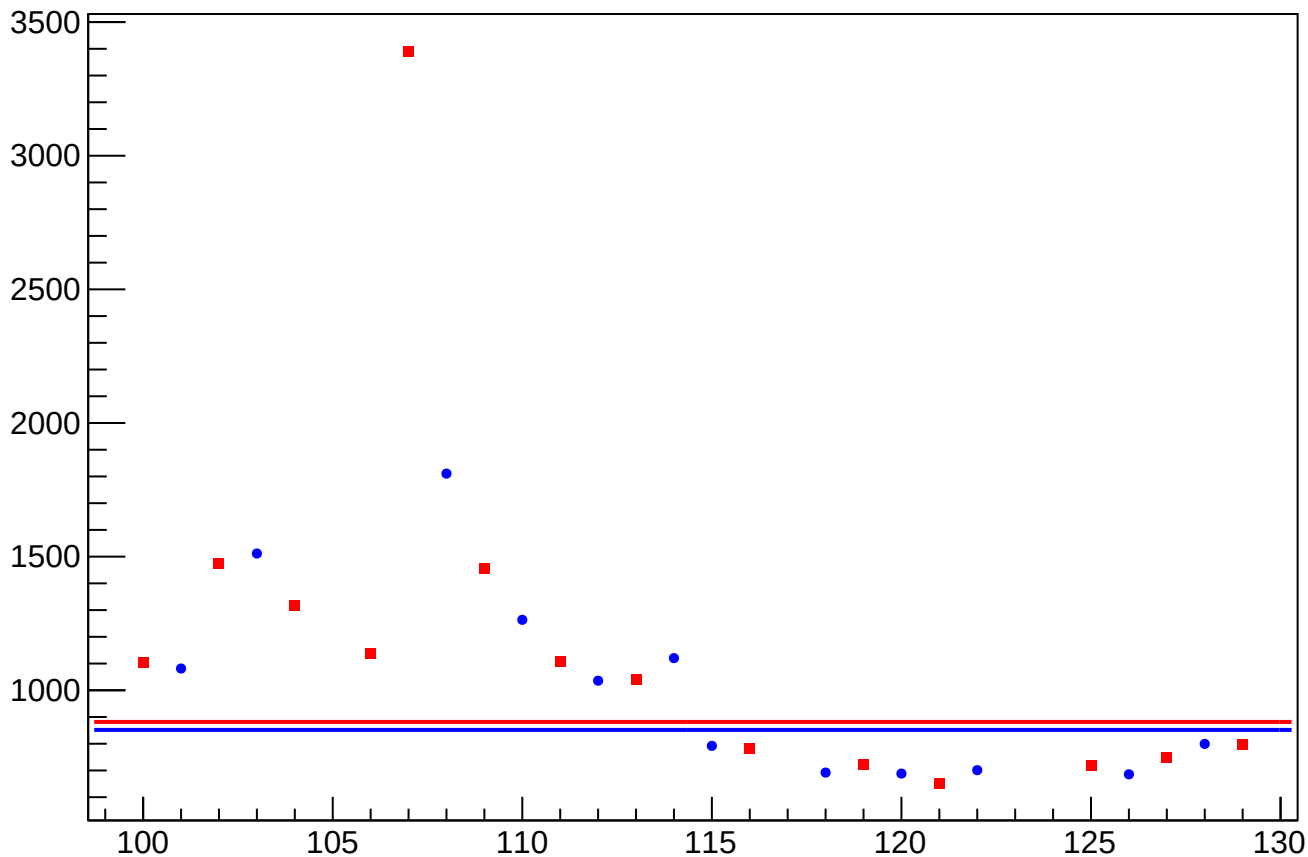
Right: 171.718+/-277.229 χ^2/NDF : 30.1/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.718+/-277.229 χ^2/NDF : 30.1/25

asym_usl_reg_correction_rms vs Slug, Sign Corrected



Right In: 851.662+/-0.281 χ^2/NDF : 820355.9/11

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

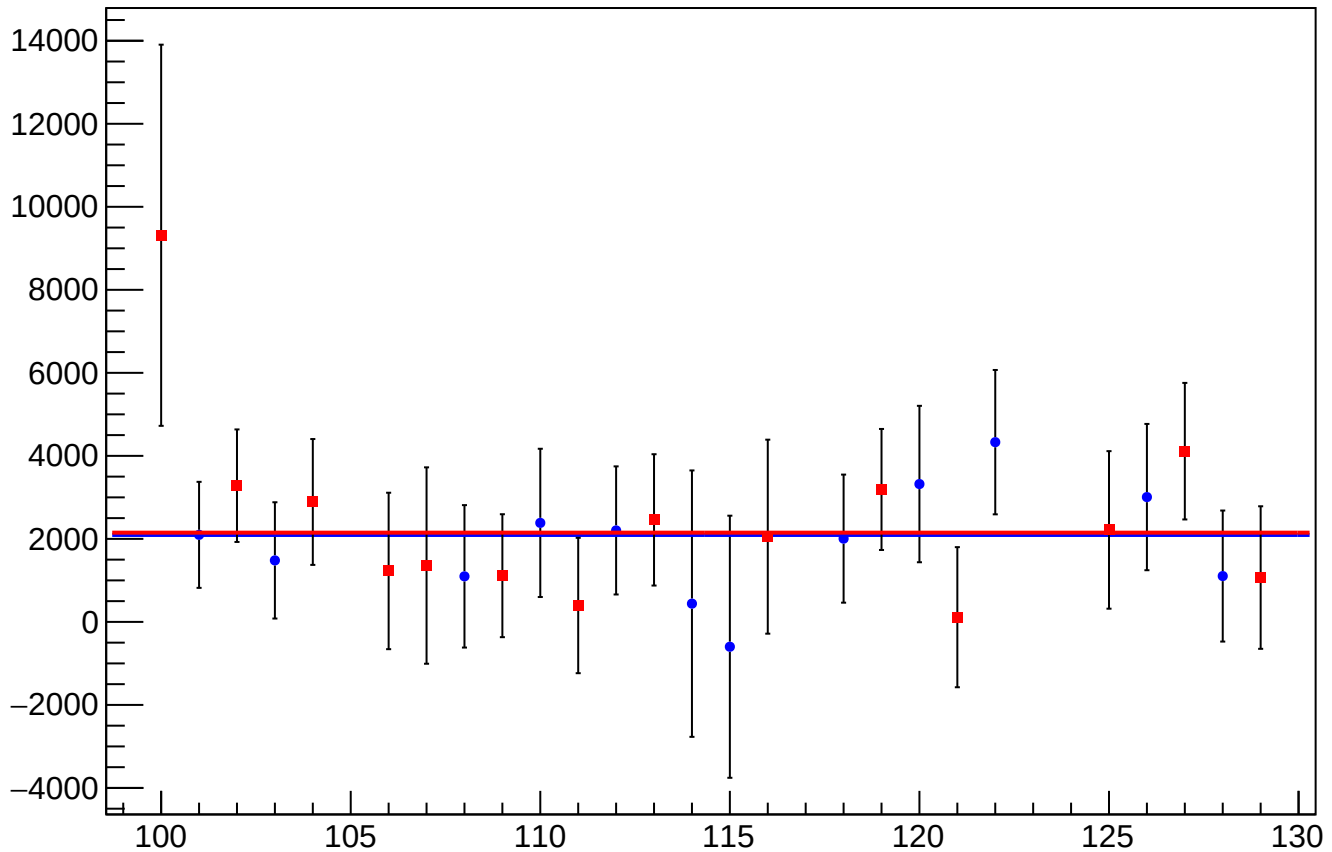
Right: 867.047+/-0.196 χ^2/NDF : 1921146.7/25

In: 851.662+/-0.281 χ^2/NDF : 820355.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 867.047+/-0.196 χ^2/NDF : 1921146.7/25

cor_asym_usl_mean vs Slug, Sign Corrected



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

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

Right Out: 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

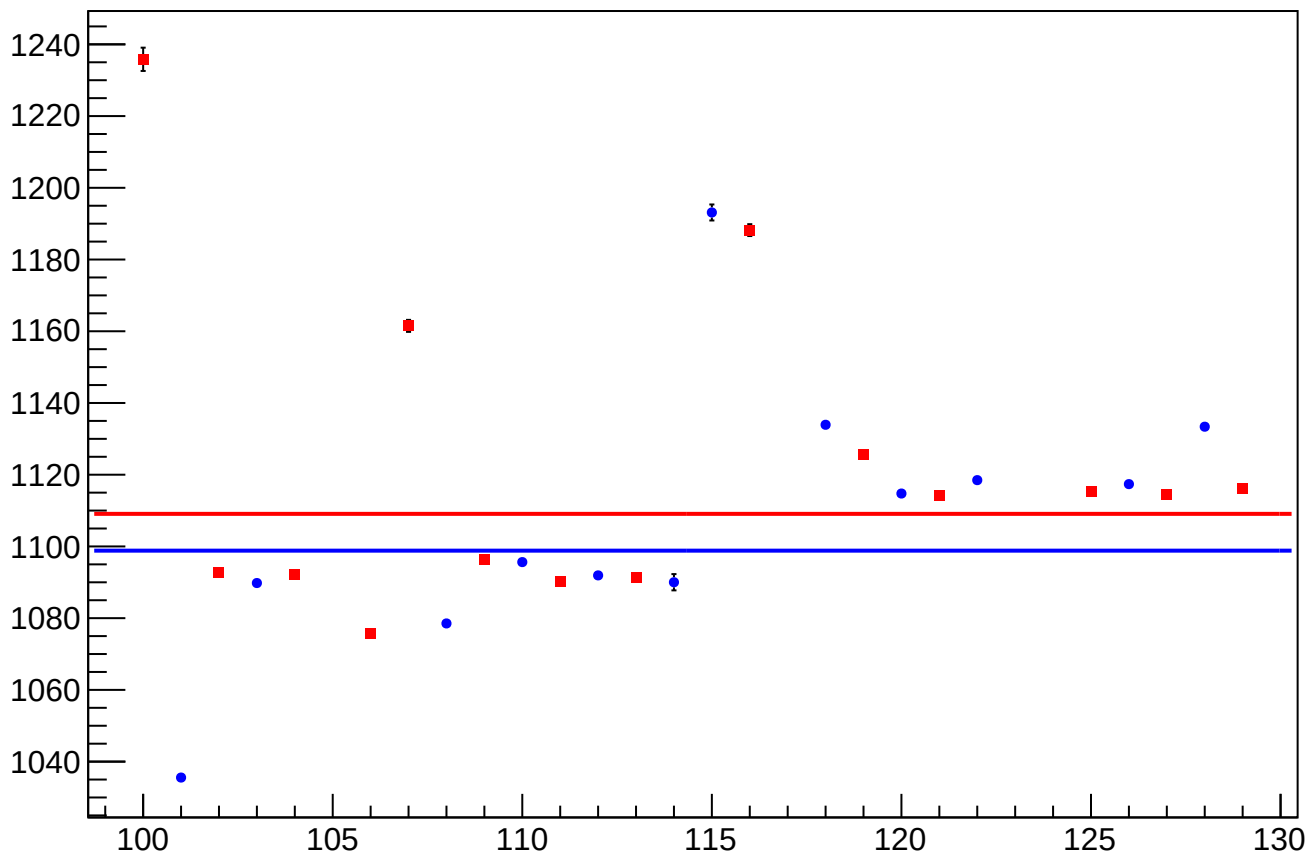
Right: 2124.024+/-335.965 χ^2/NDF : 13.5/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2124.024+/-335.965 χ^2/NDF : 13.5/25

cor_asym_usl_rms vs Slug, Sign Corrected



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

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

Right Out: 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

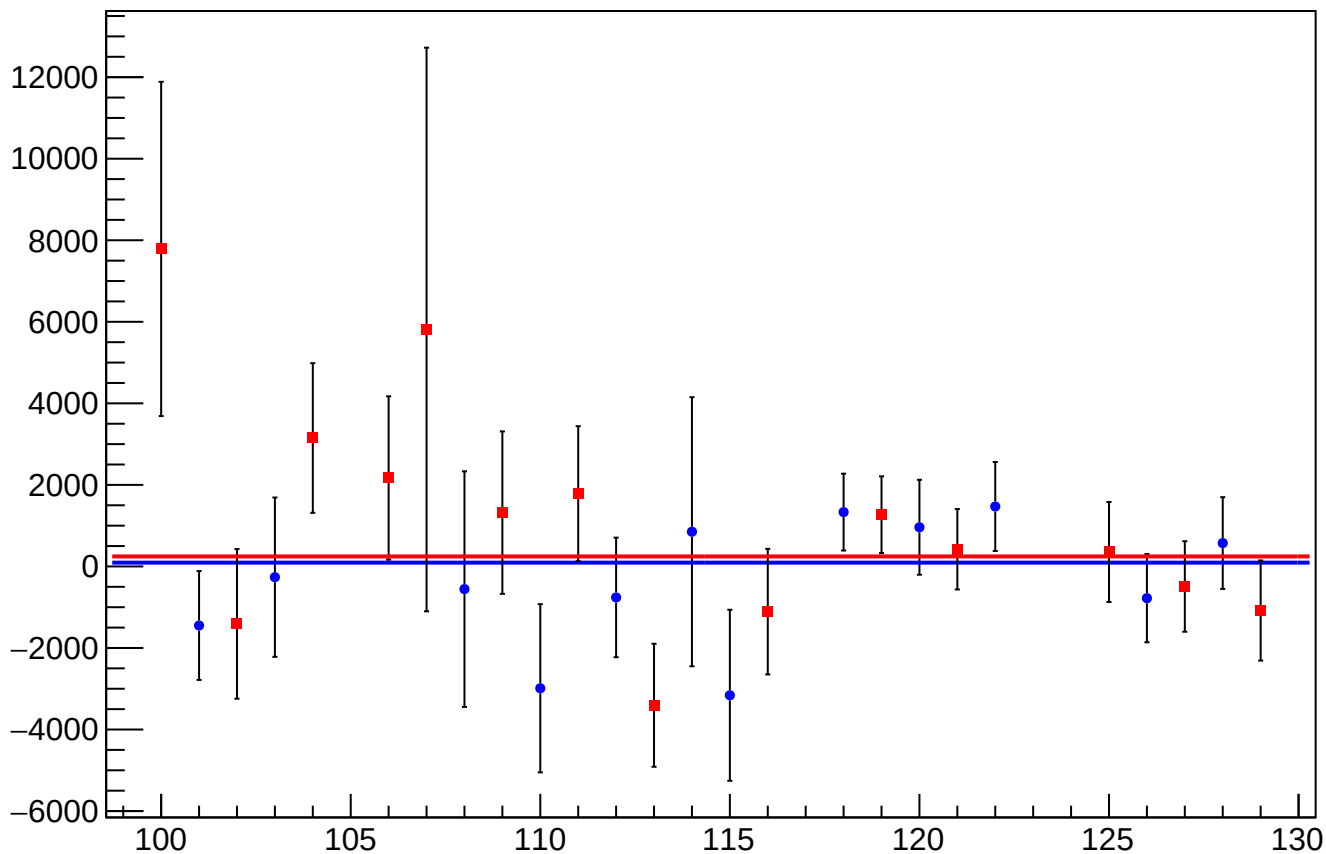
Right: 1104.278+/-0.238 χ^2/NDF : 17175.9/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1104.278+/-0.238 χ^2/NDF : 17175.9/25

asym_usl_cor_correction_mean vs Slug, Sign Corrected



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

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

Right Out: 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

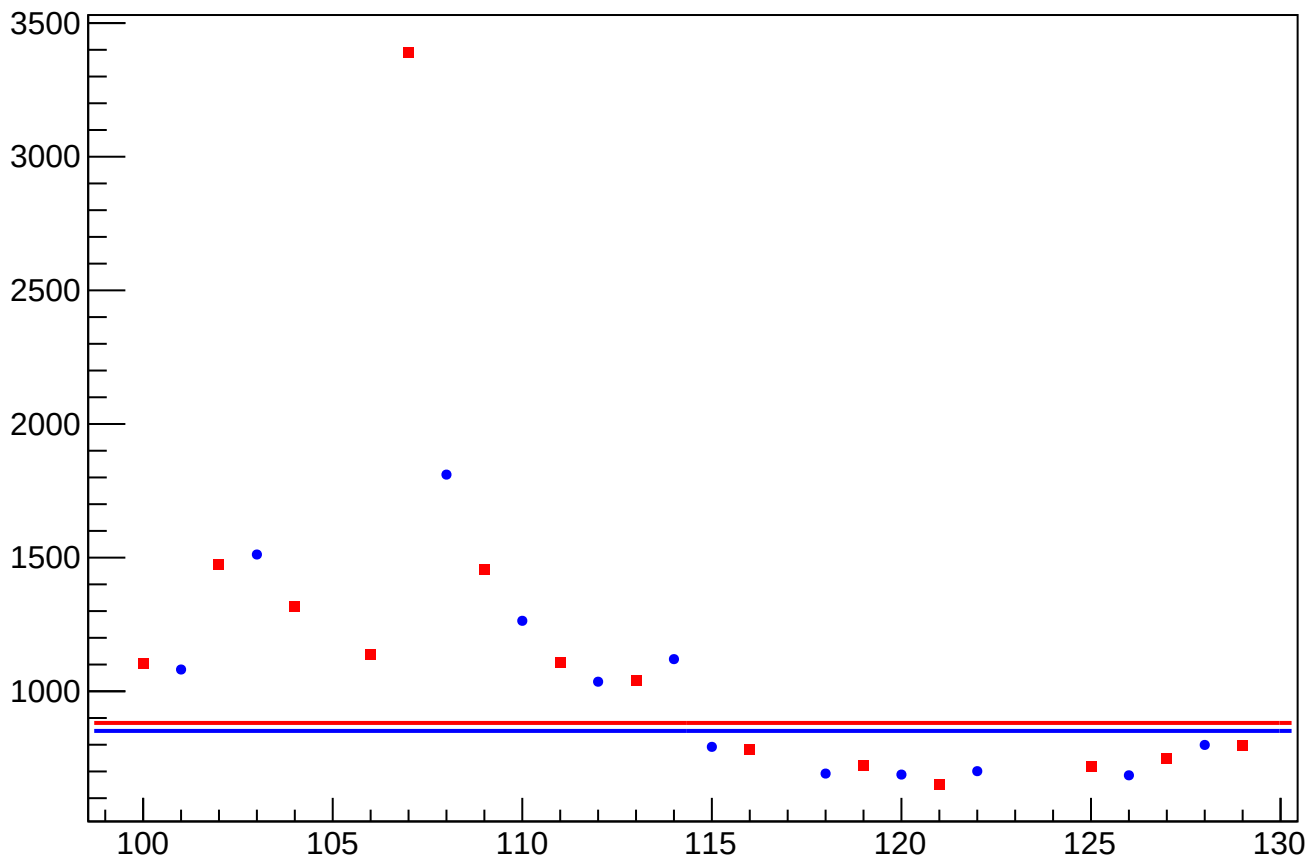
Right: 171.718+/-277.229 χ^2/NDF : 30.1/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.718+/-277.229 χ^2/NDF : 30.1/25

asym_usl_cor_correction_rms vs Slug, Sign Corrected



Right In: 851.662+/-0.281 χ^2/NDF : 820355.9/11

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

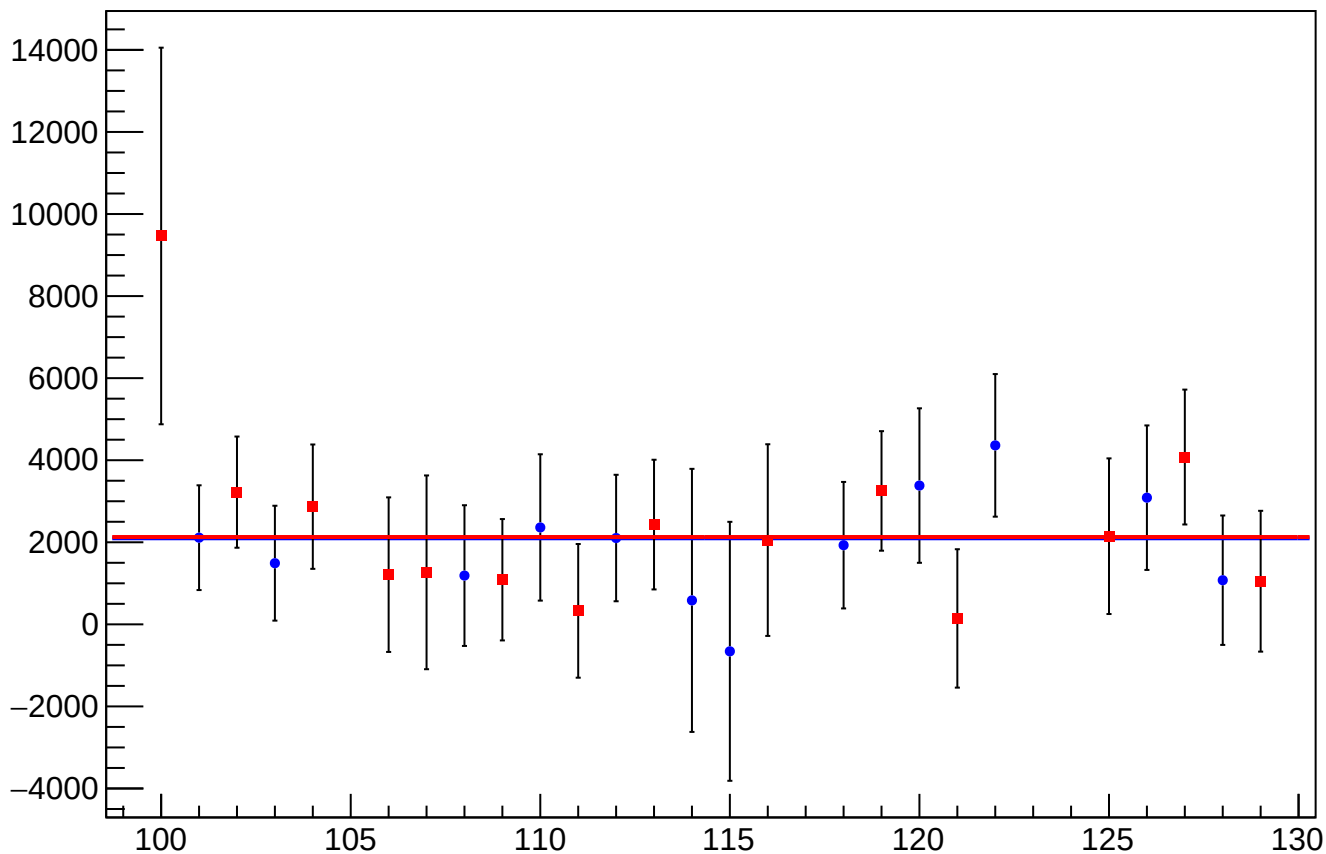
Right: 867.047+/-0.196 χ^2/NDF : 1921146.7/25

In: 851.662+/-0.281 χ^2/NDF :820355.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 867.047+/-0.196 χ^2/NDF : 1921146.7/25

overload_cor_asym_usl_mean vs Slug, Sign Corrected



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

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

Right Out: 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

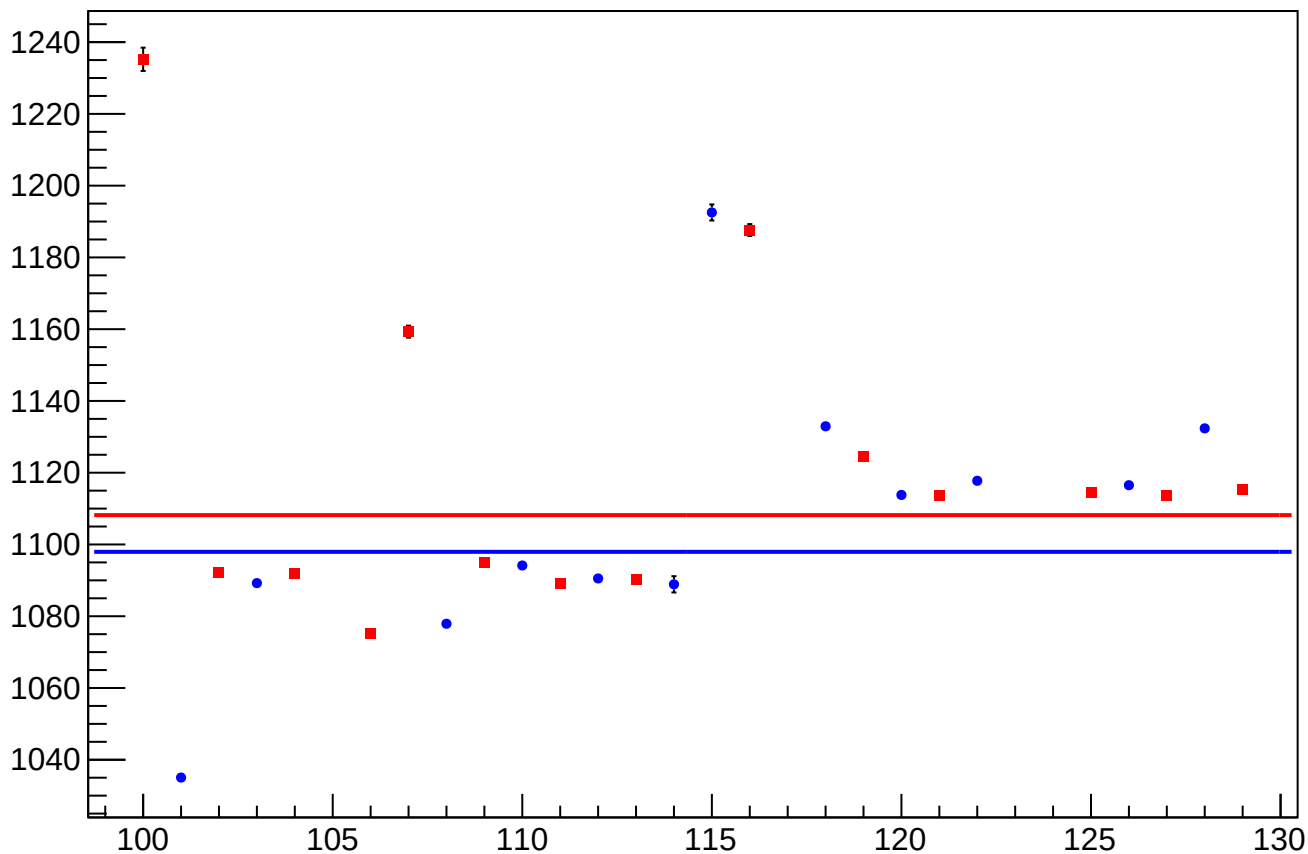
Right: 2114.099+/-335.694 χ^2/NDF : 13.7/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2114.099+/-335.694 χ^2/NDF : 13.7/25

overload_cor_asym_usl_rms vs Slug, Sign Corrected



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

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

Right Out: 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

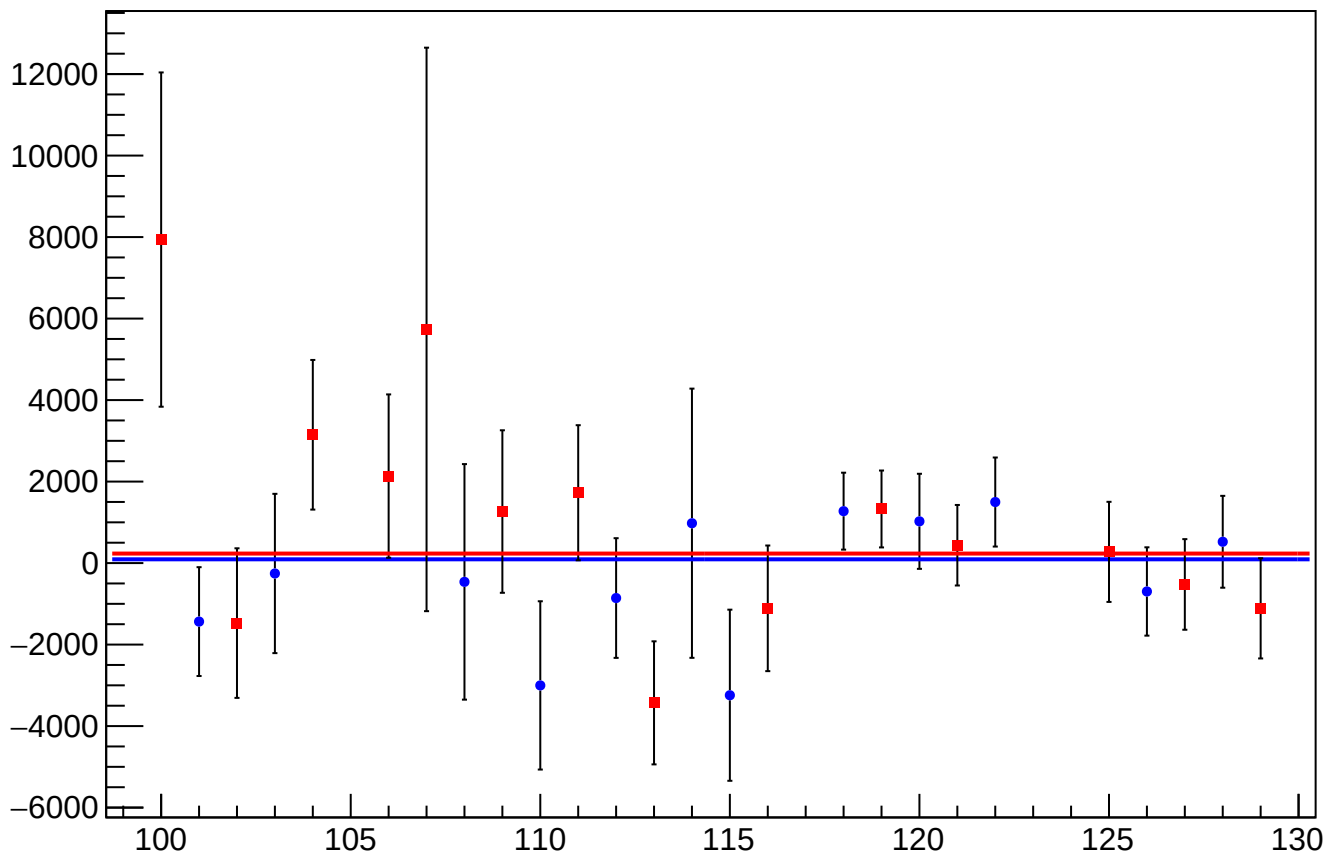
Right: 1103.390+/-0.237 χ^2/NDF : 17101.8/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1103.390+/-0.237 χ^2/NDF : 17101.8/25

asym_usl_overload_cor_correction_mean vs Slug, Sign Corrected



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

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

Right Out: 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

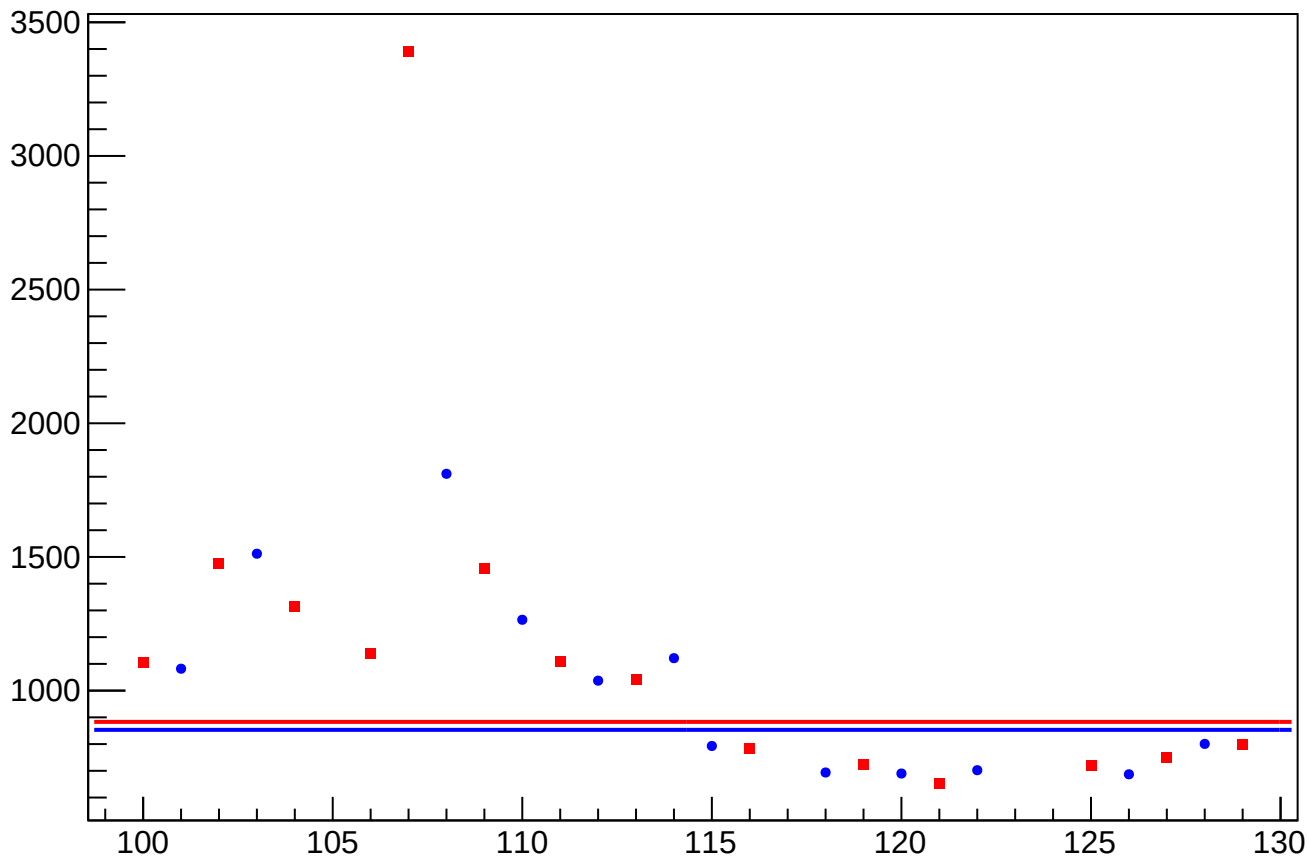
Right: 164.974+/-277.660 χ^2/NDF : 30.5/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.974+/-277.660 χ^2/NDF : 30.5/25

asym_usl_overload_cor_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 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

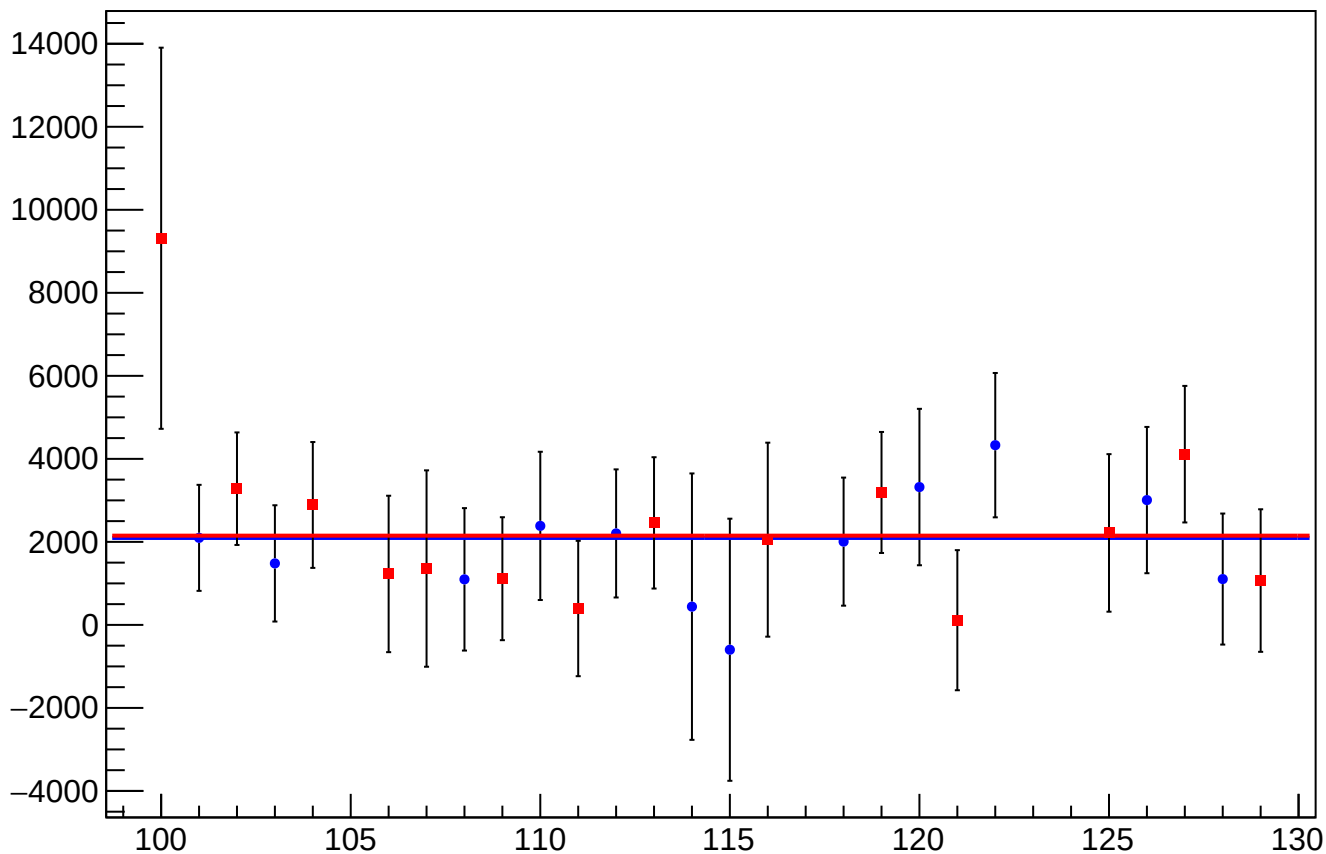
Right: 868.548+/-0.196 χ^2/NDF : 1914642.1/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 868.548+/-0.196 χ^2/NDF : 1914642.1/25

eigen_cor_asym_usl_mean vs Slug, Sign Corrected



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

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

Right Out: 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

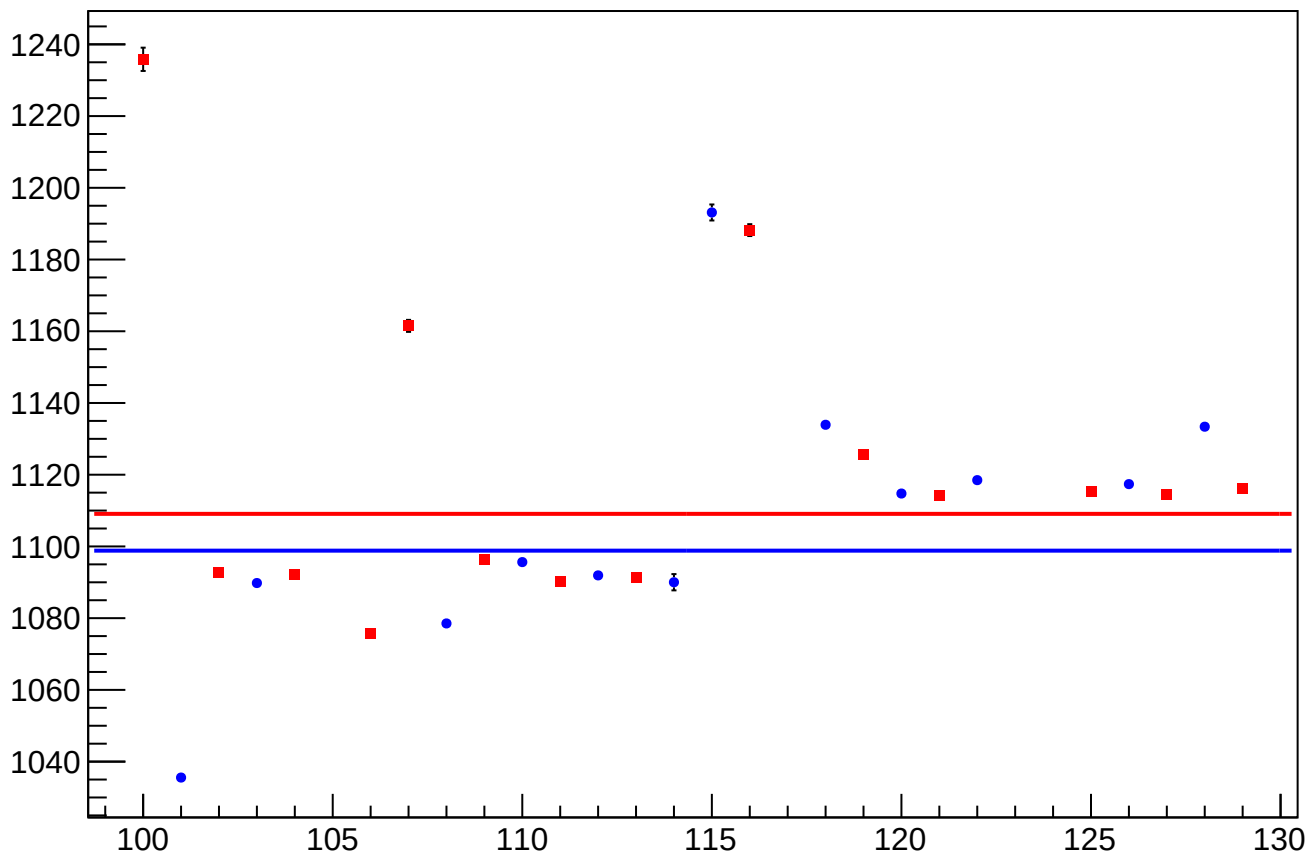
Right: 2124.024+/-335.965 χ^2/NDF : 13.5/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2124.024+/-335.965 χ^2/NDF : 13.5/25

eigen_cor_asym_usl_rms vs Slug, Sign Corrected



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

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

Right Out: 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

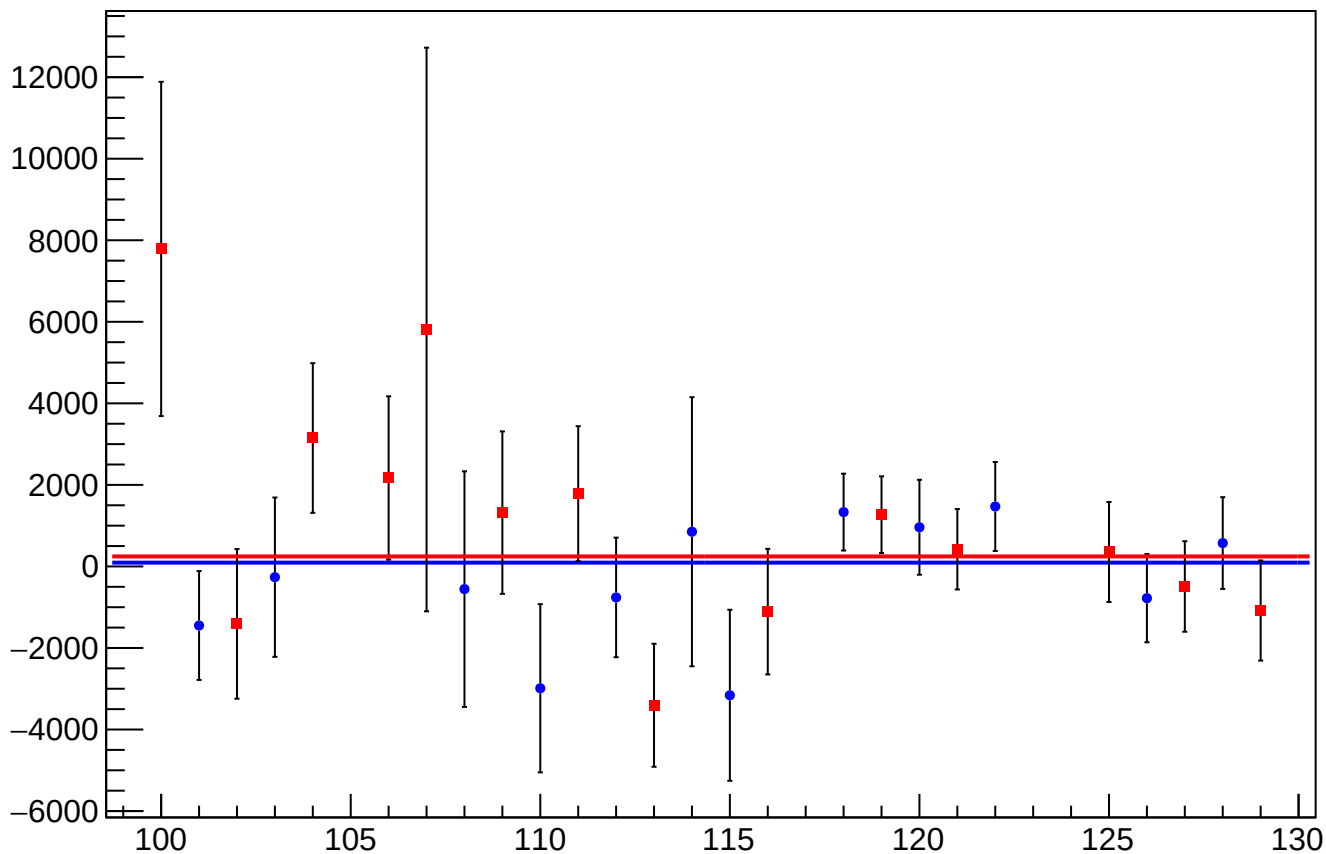
Right: 1104.278+/-0.238 χ^2/NDF : 17175.9/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1104.278+/-0.238 χ^2/NDF : 17175.9/25

asym_usl_eigen_cor_correction_mean vs Slug, Sign Corrected



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

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

Right Out: 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

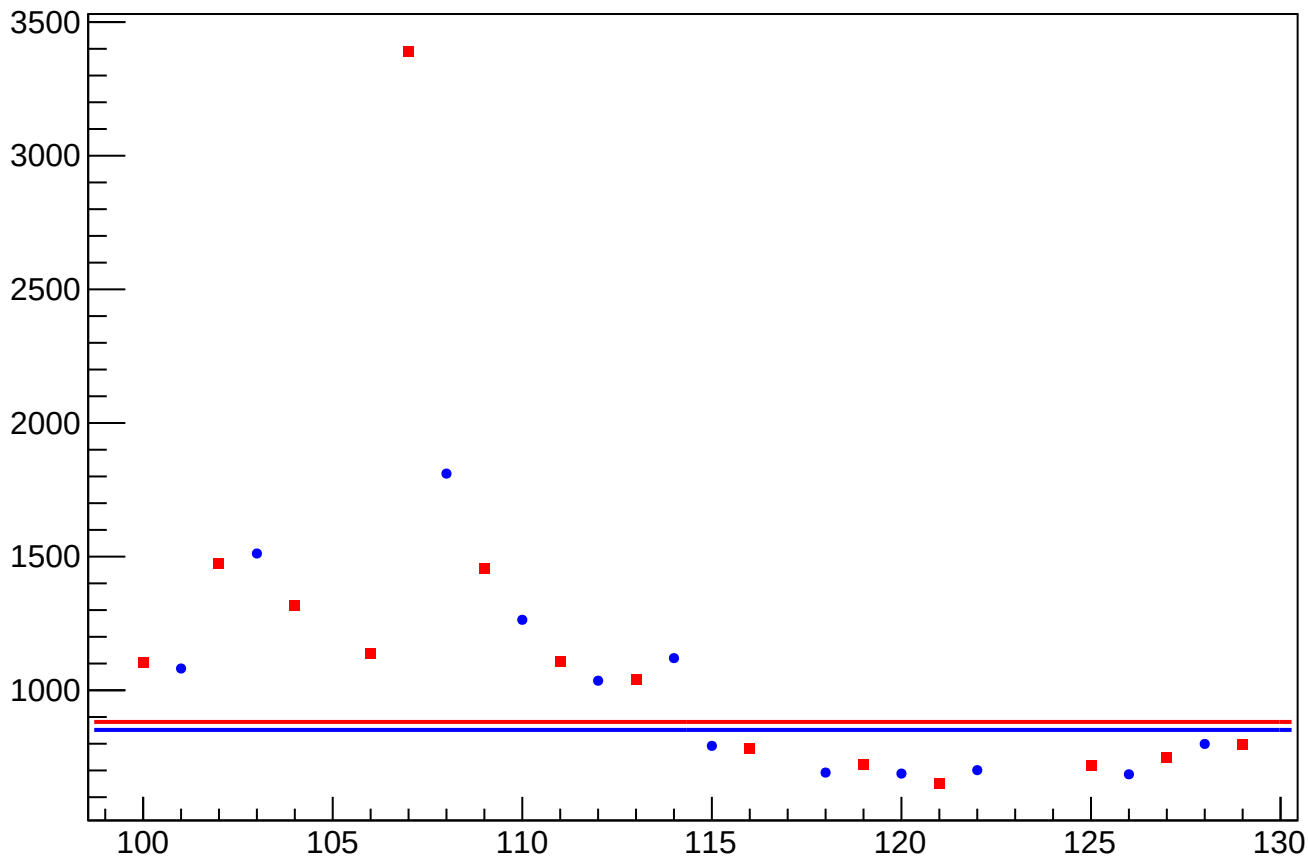
Right: 171.718+/-277.229 χ^2/NDF : 30.1/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.718+/-277.229 χ^2/NDF : 30.1/25

asym_usl_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 851.662+/-0.281 χ^2/NDF : 820355.9/11

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

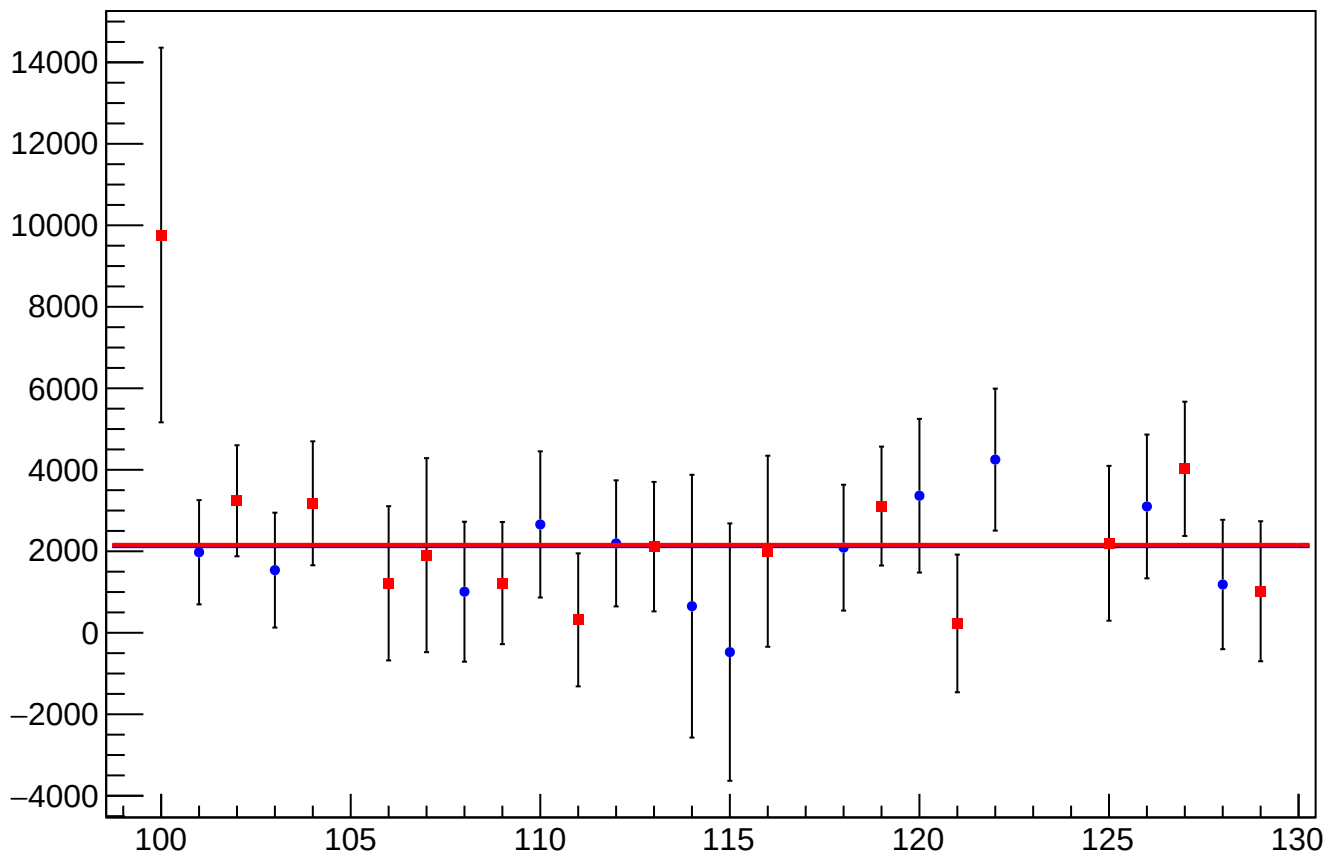
Right: 867.047+/-0.196 χ^2/NDF : 1921146.7/25

In: 851.662+/-0.281 χ^2/NDF :820355.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 867.047+/-0.196 χ^2/NDF : 1921146.7/25

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 2125.395+/-492.354 χ^2/NDF : 4.2/11

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

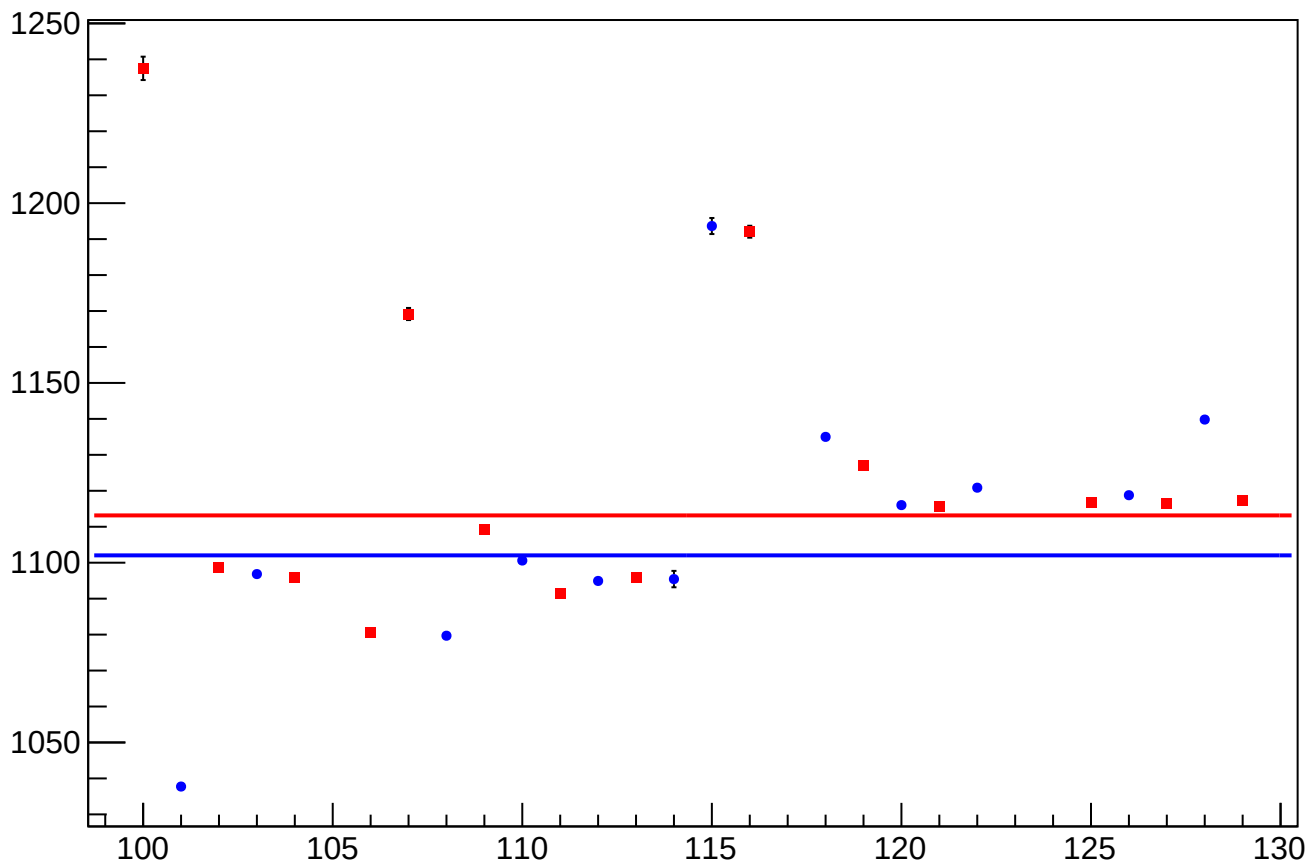
Right: 2143.270+/-337.095 χ^2/NDF : 13.4/25

In: 2125.395+/-492.354 χ^2/NDF : 4.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2143.270+/-337.095 χ^2/NDF : 13.4/25

dit_asym_usl_rms vs Slug, Sign Corrected



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

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

Right Out: 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

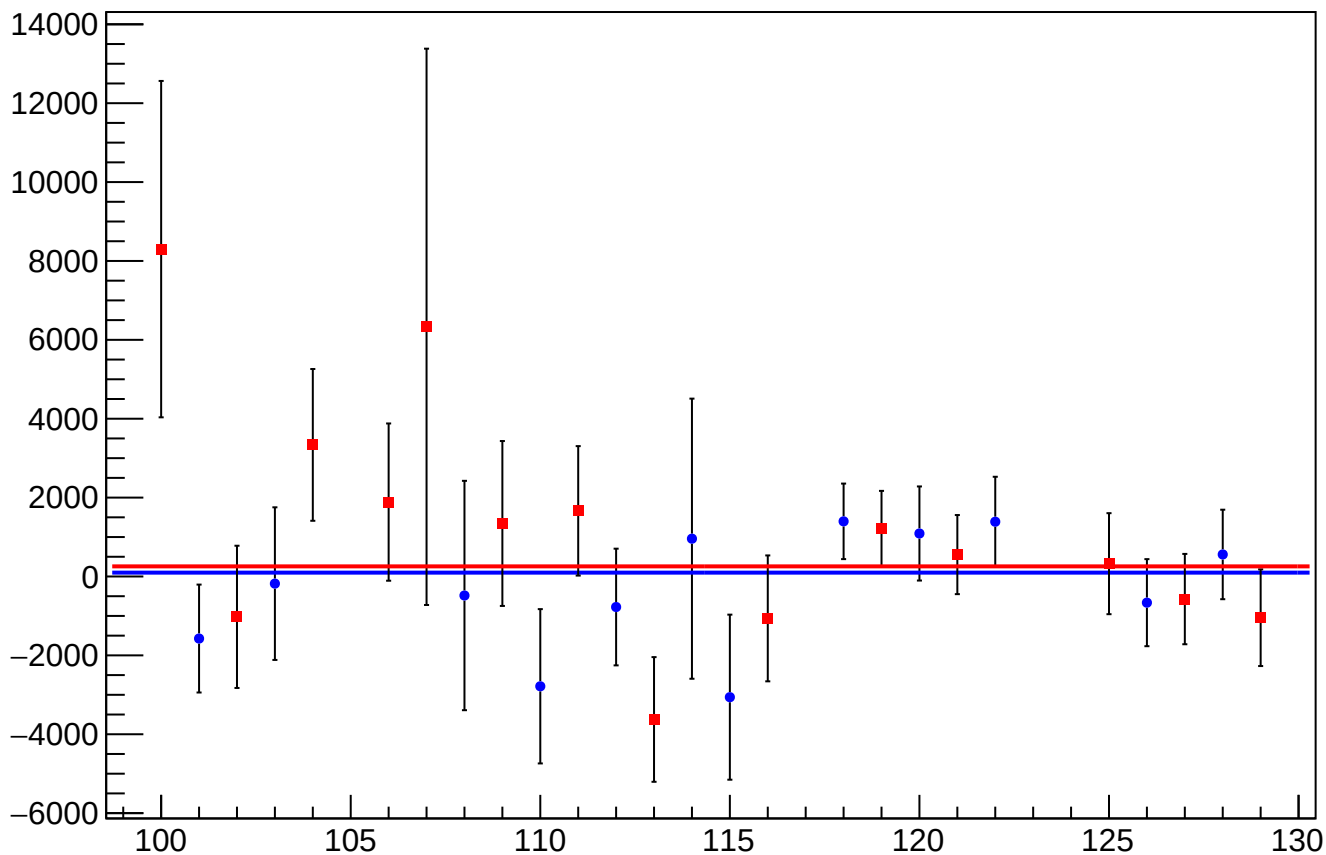
Right: 1107.943+/-0.238 χ^2/NDF : 16977.6/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1107.943+/-0.238 χ^2/NDF : 16977.6/25

asym_usl_dit_correction_mean vs Slug, Sign Corrected



Right In: 97.782 $\pm$ 404.686 χ^2/NDF : 10.9/11

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

Right Out: 256.457 $\pm$ 394.585 χ^2/NDF : 18.5/13

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

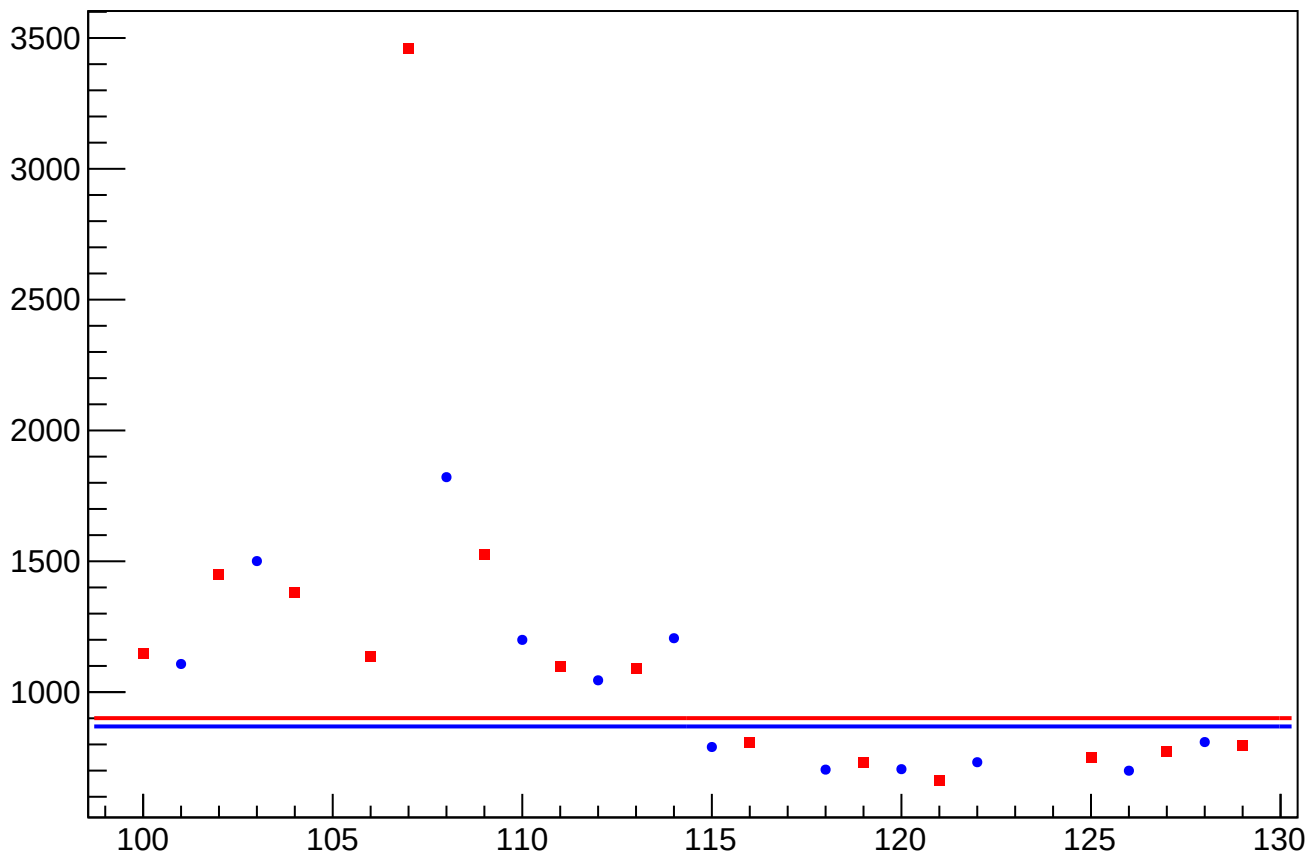
Right: 179.124 $\pm$ 282.517 χ^2/NDF : 29.4/25

In: 97.782 $\pm$ 404.686 χ^2/NDF : 10.9/11

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

All: 179.124 $\pm$ 282.517 χ^2/NDF : 29.4/25

asym_usl_dit_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 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

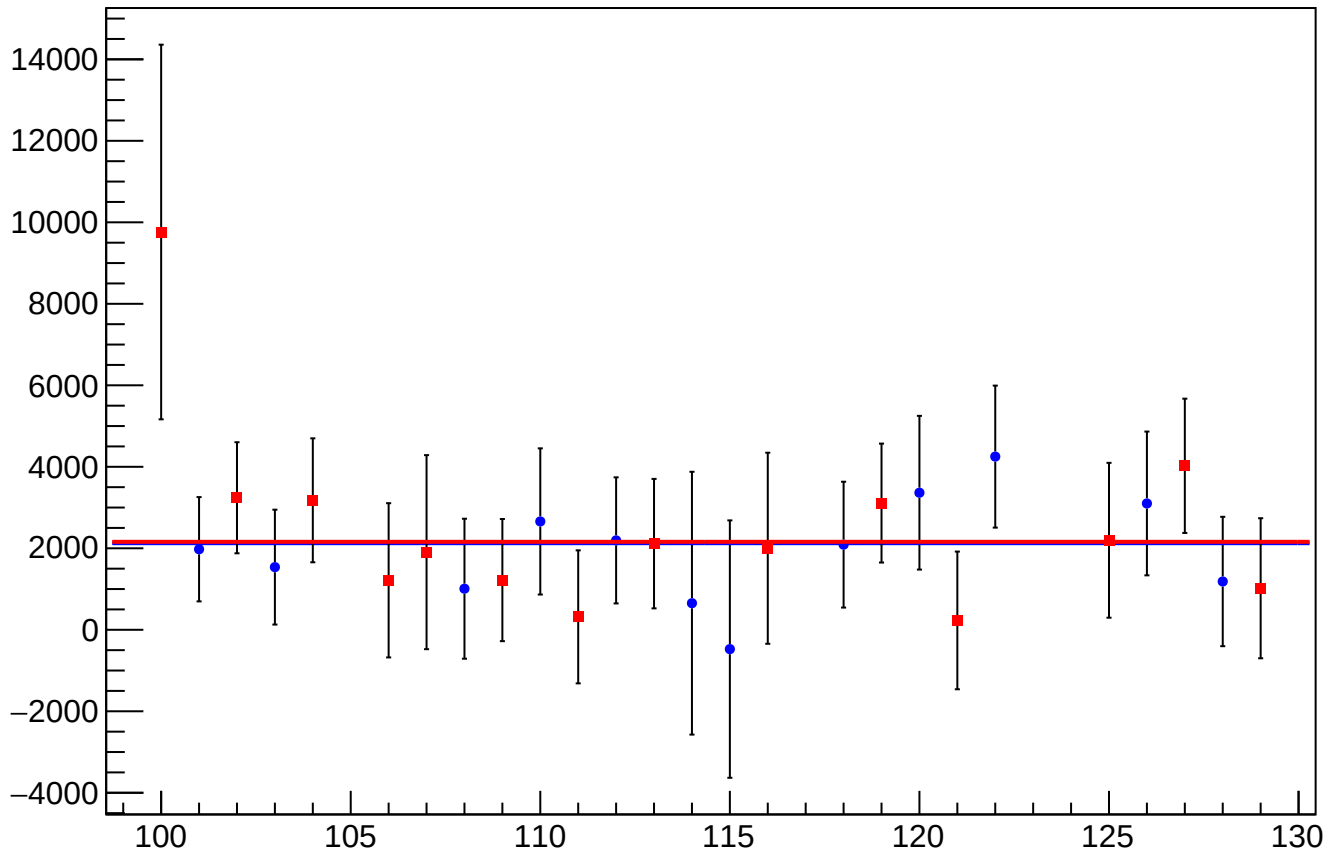
Right: 885.028+/-0.200 χ^2/NDF : 1873513.1/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 885.028+/-0.200 χ^2/NDF : 1873513.1/25

eigen_dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 2125.395+/-492.354 χ^2/NDF : 4.2/11

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

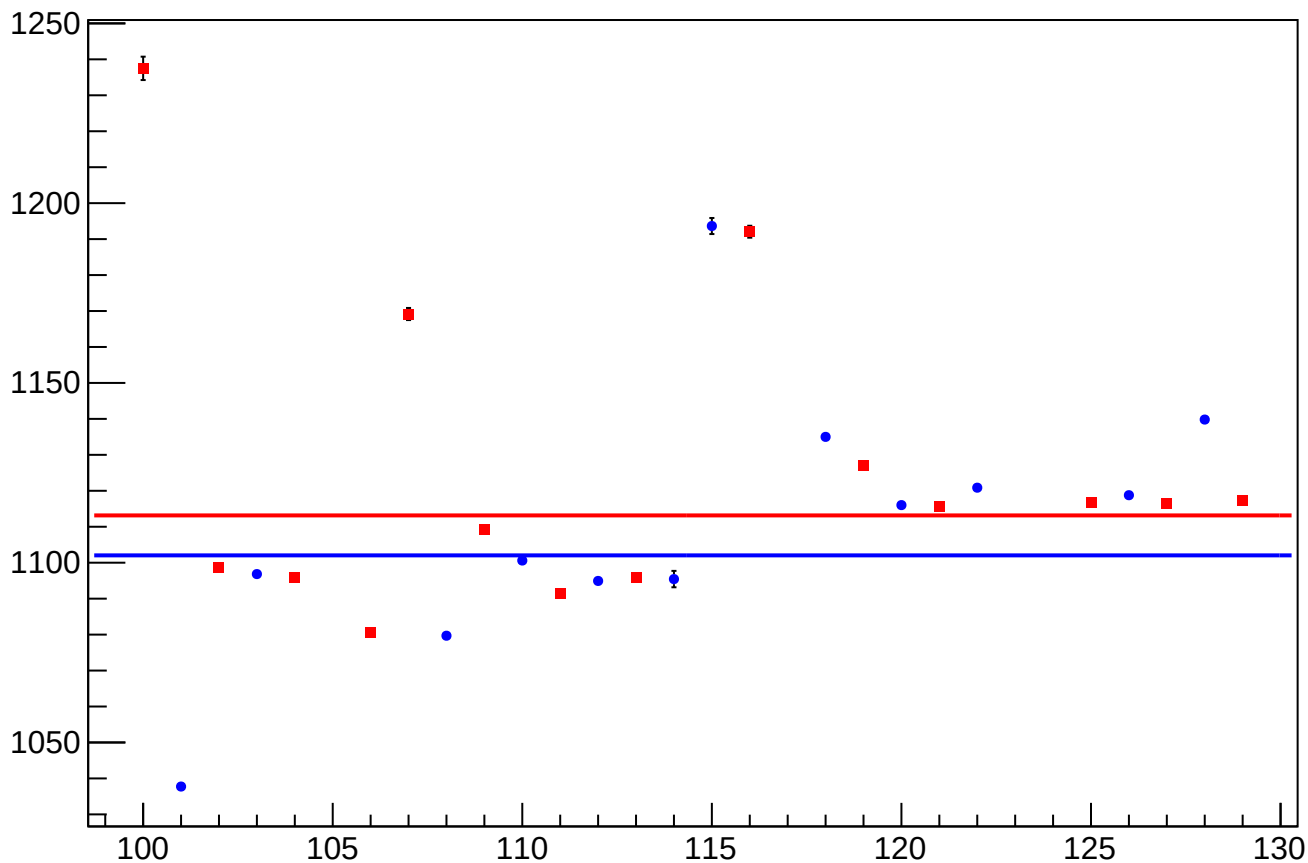
Right: 2143.269+/-337.095 χ^2/NDF : 13.4/25

In: 2125.395+/-492.354 χ^2/NDF : 4.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2143.269+/-337.095 χ^2/NDF : 13.4/25

eigen_dit_asym_usl_rms vs Slug, Sign Corrected



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

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

Right Out: 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

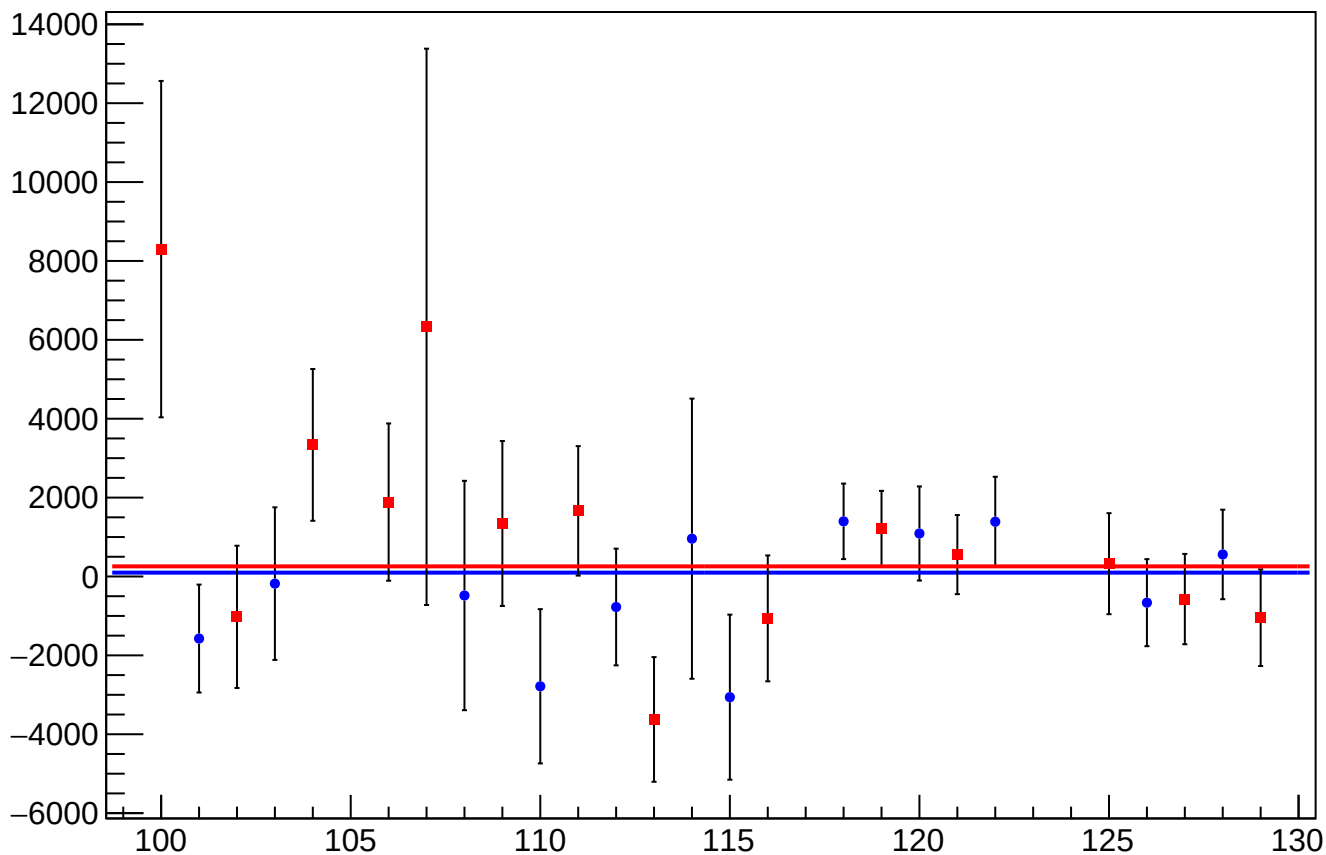
Right: 1107.943+/-0.238 χ^2/NDF : 16977.5/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1107.943+/-0.238 χ^2/NDF : 16977.5/25

asym_usl_eigen_dit_correction_mean vs Slug, Sign Corrected



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

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

Right Out: 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

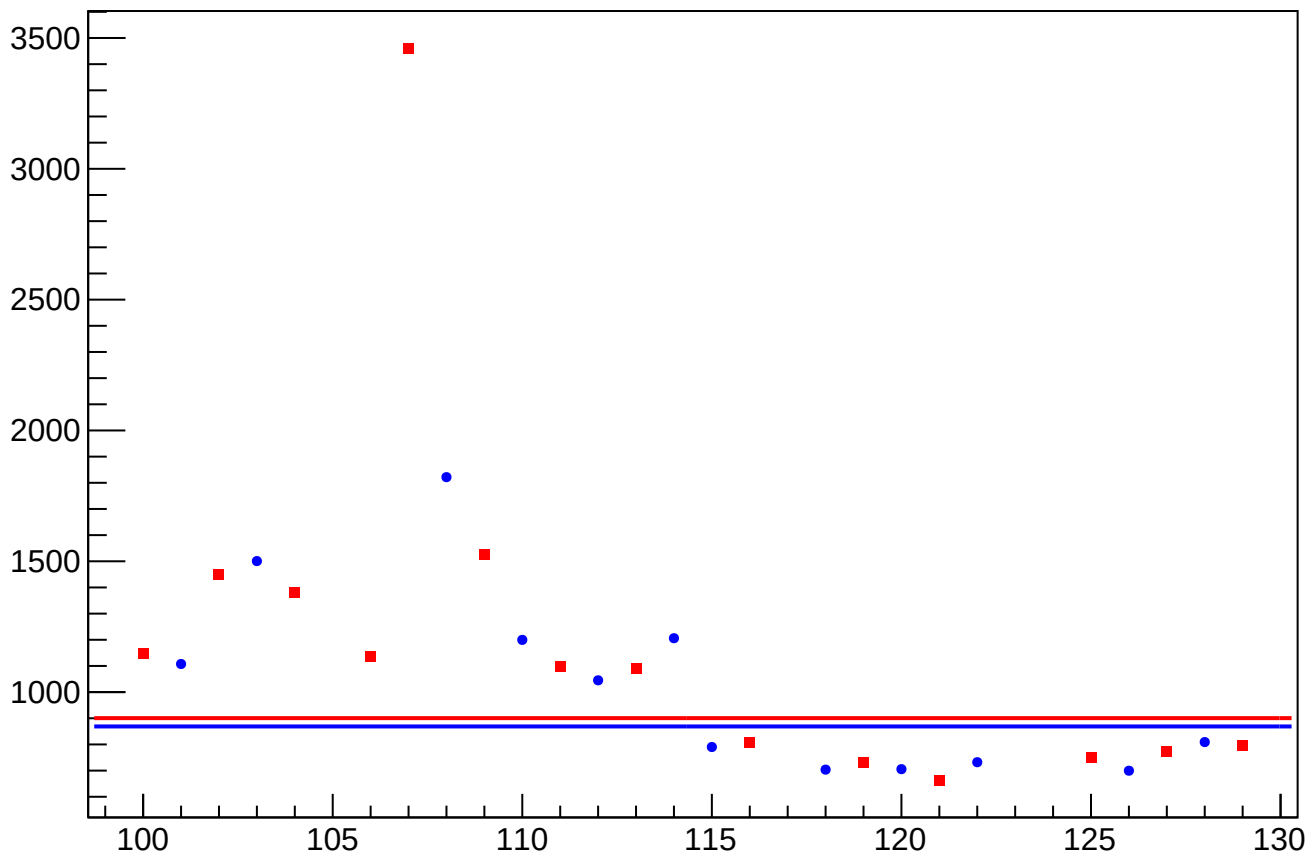
Right: 179.125+/-282.517 χ^2/NDF : 29.4/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.125+/-282.517 χ^2/NDF : 29.4/25

asym_usl_eigen_dit_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 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

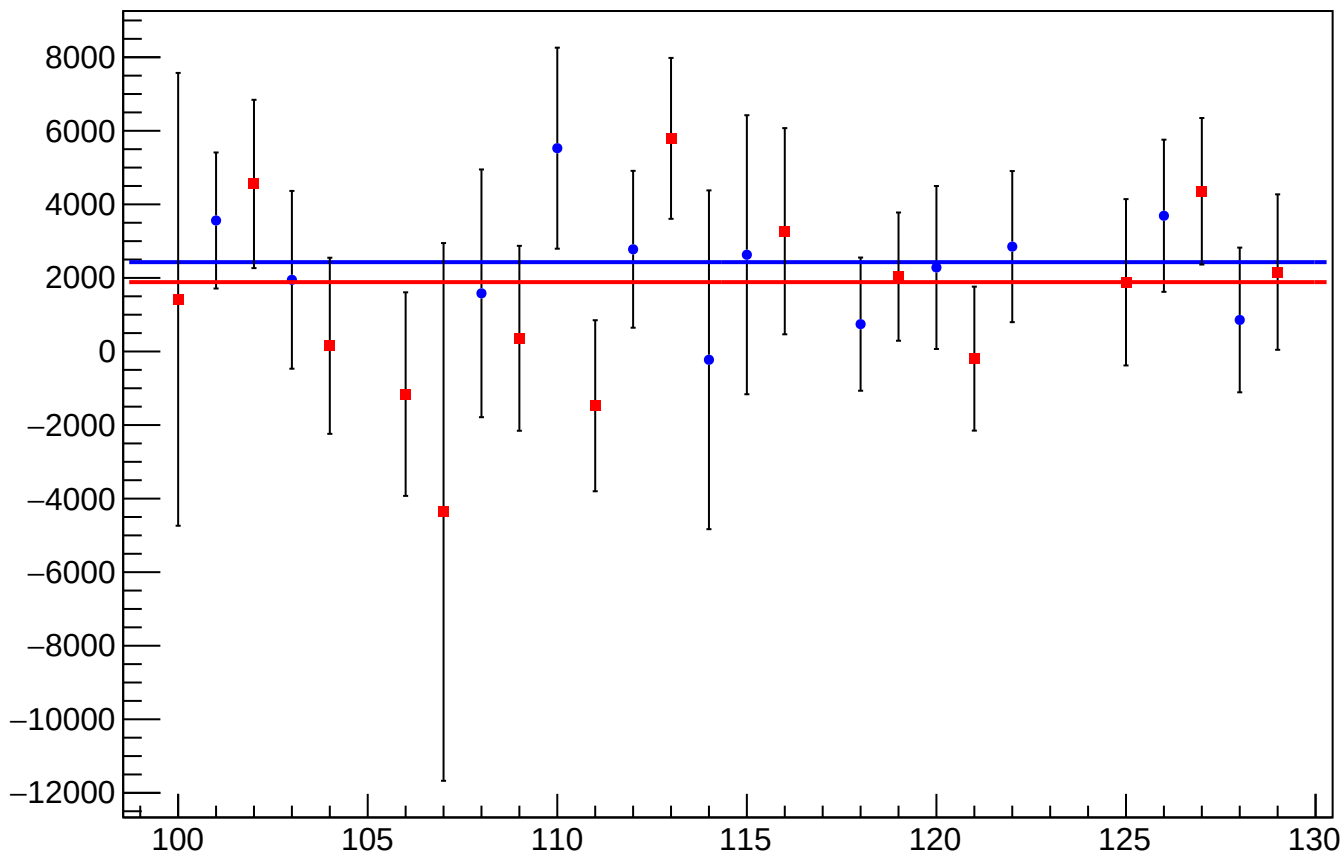
Right: 885.026+/-0.200 χ^2/NDF : 1873517.0/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 885.026+/-0.200 χ^2/NDF : 1873517.0/25

asym_usl_mean vs Slug, Sign Corrected



Right In: 2428.795+/-665.188 χ^2/NDF : 4.0/11

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

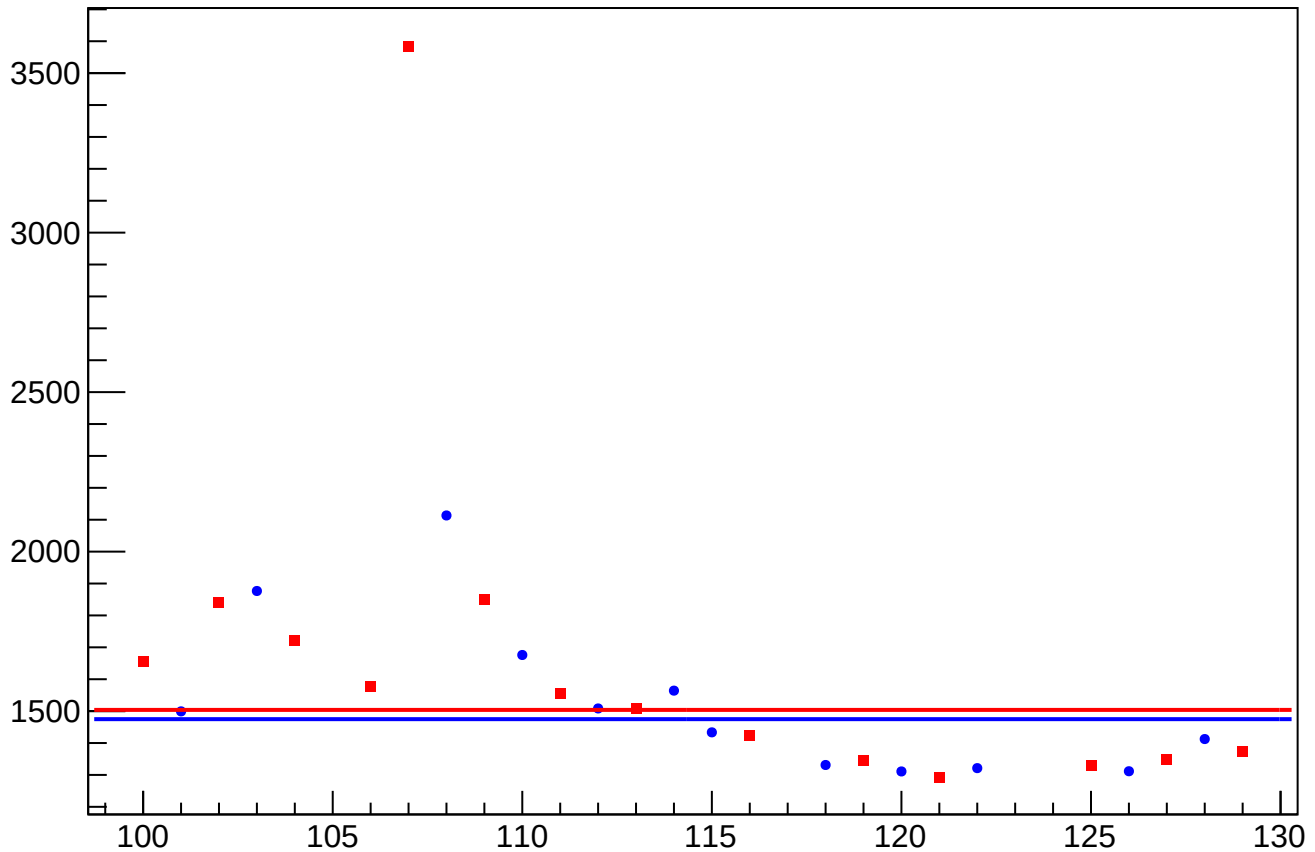
Right: 2144.478+/-459.192 χ^2/NDF : 16.8/25

In: 2428.795+/-665.188 χ^2/NDF : 4.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2144.478+/-459.192 χ^2/NDF : 16.8/25

asym_usl_rms vs Slug, Sign Corrected



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

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

Right Out: 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

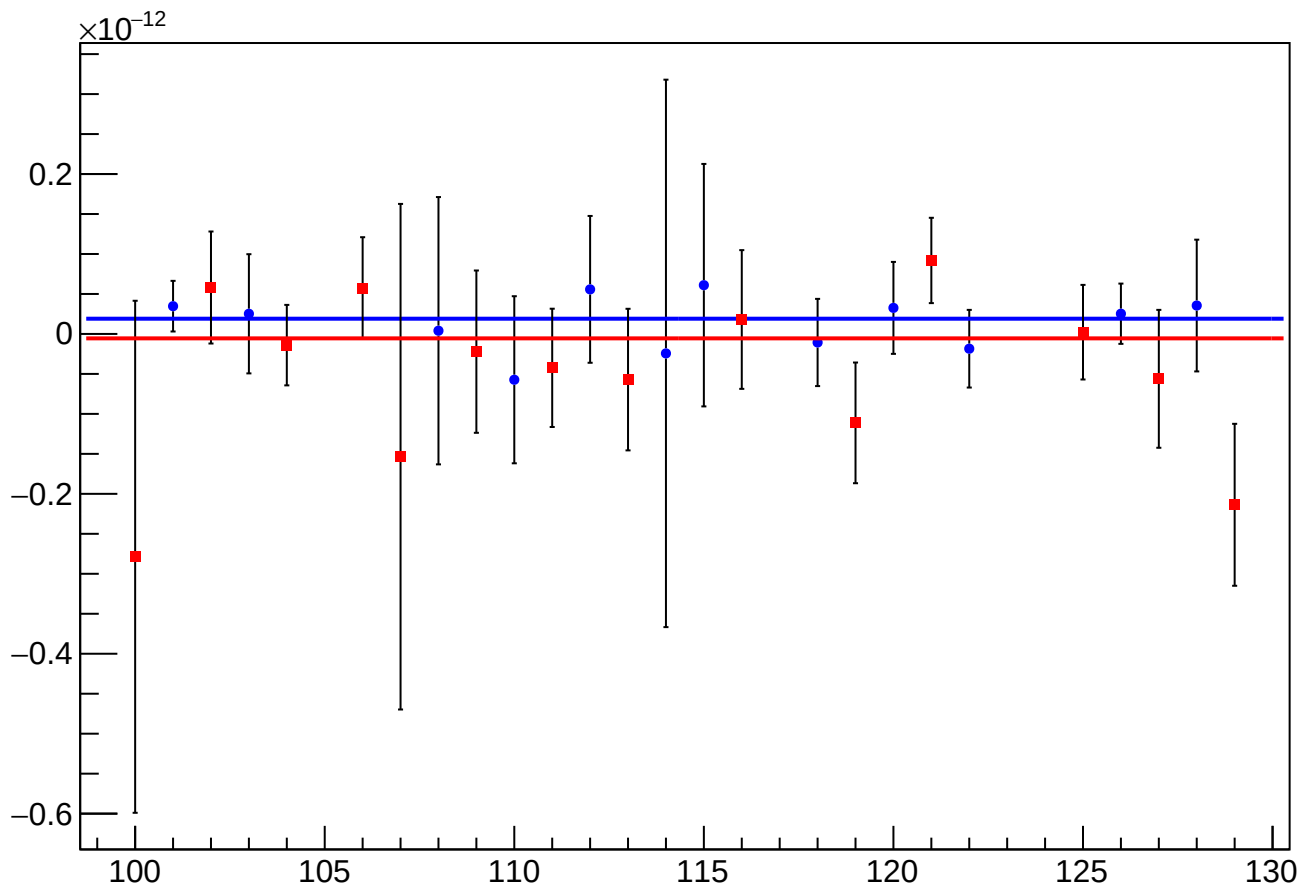
Right: 1490.008+/-0.325 χ^2/NDF : 528292.9/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1490.008+/-0.325 χ^2/NDF : 528292.9/25

asym_usl_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.1/11

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

Right Out: -0.000+/-0.000 χ^2/NDF : 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

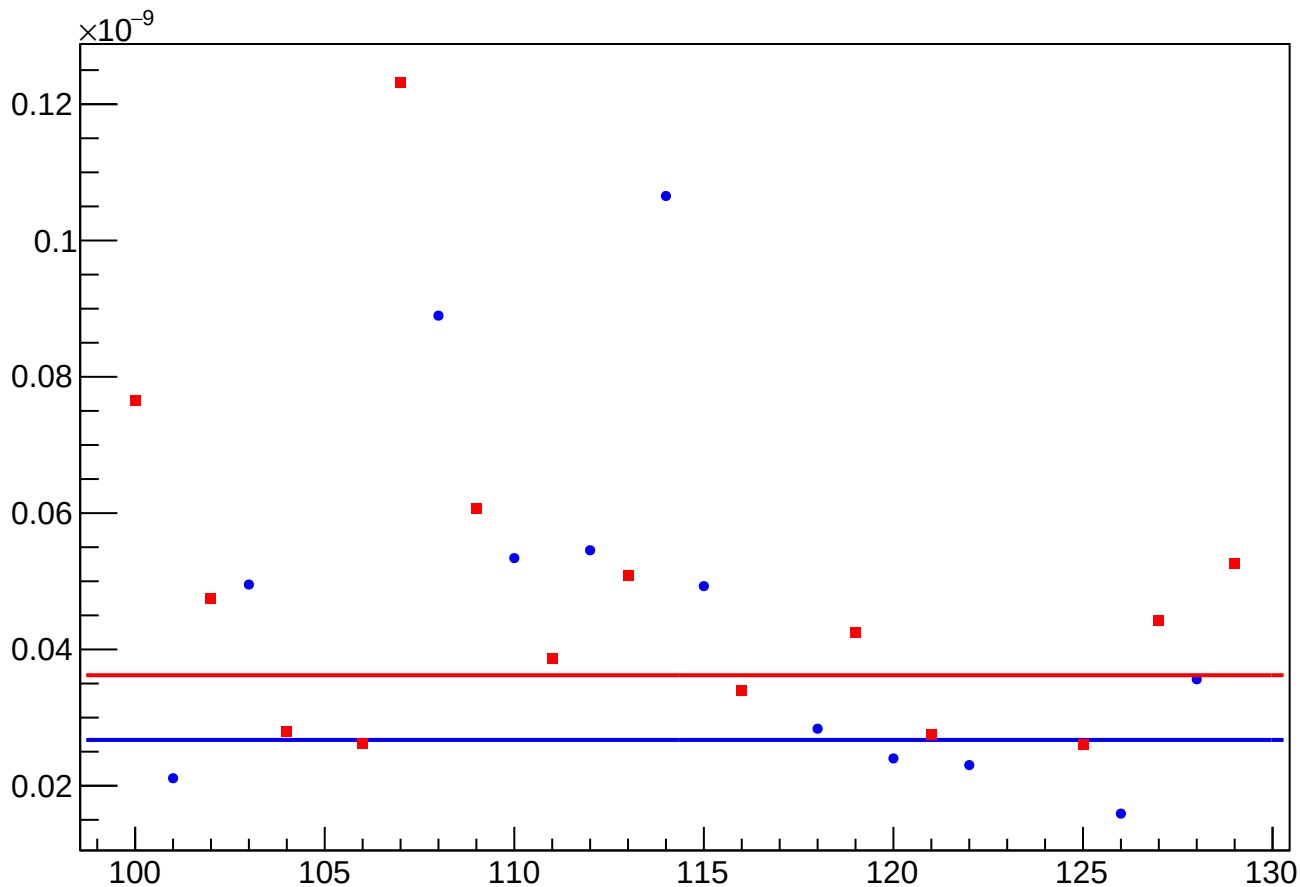
Right: 0.000+/-0.000 χ^2/NDF : 16.3/25

In: 0.000+/-0.000 χ^2/NDF : 2.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.3/25

asym_usl_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1200106.0/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 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

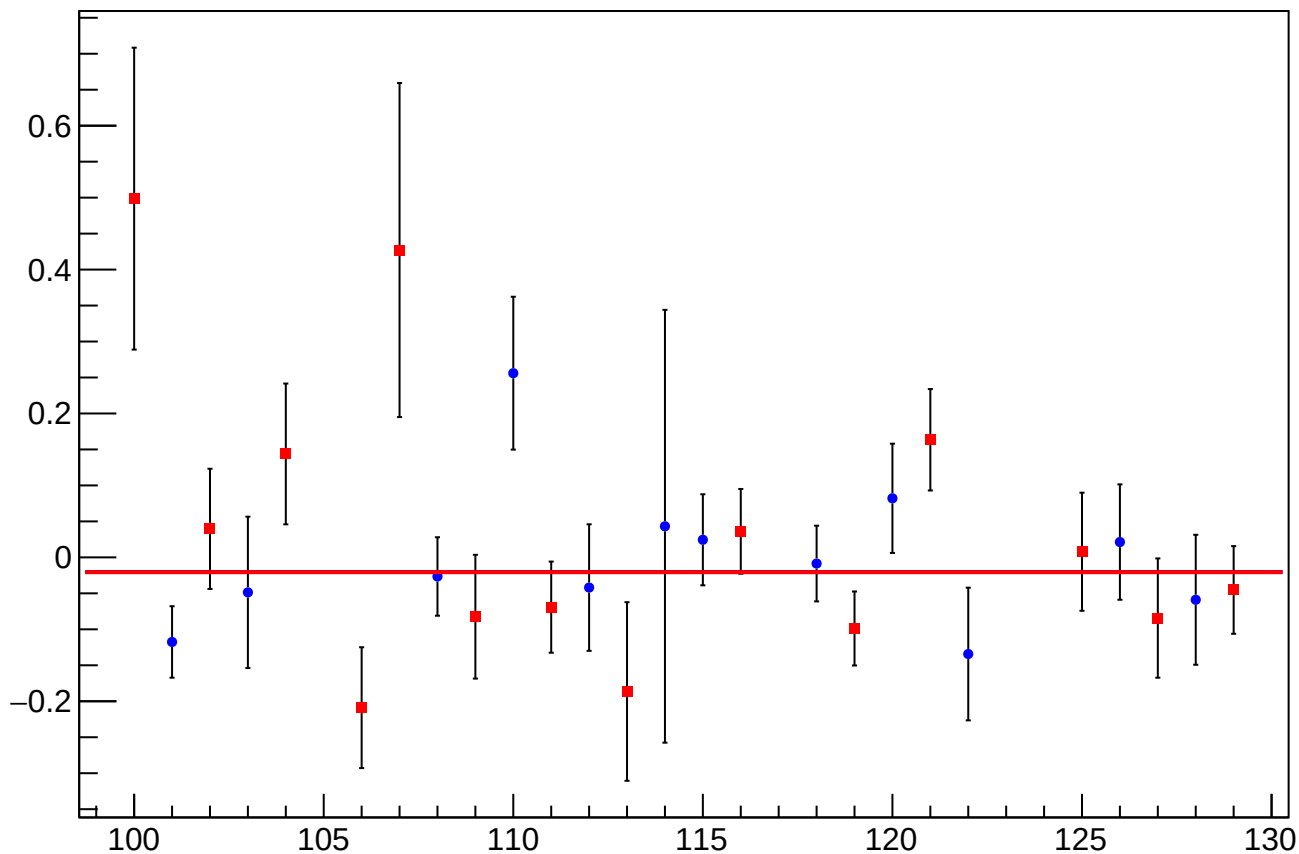
Right: 0.000+/-0.000 χ^2/NDF : 2164487.9/25

In: 0.000+/-0.000 χ^2/NDF : 1200106.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2164487.9/25

asym_usl_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.021+/-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

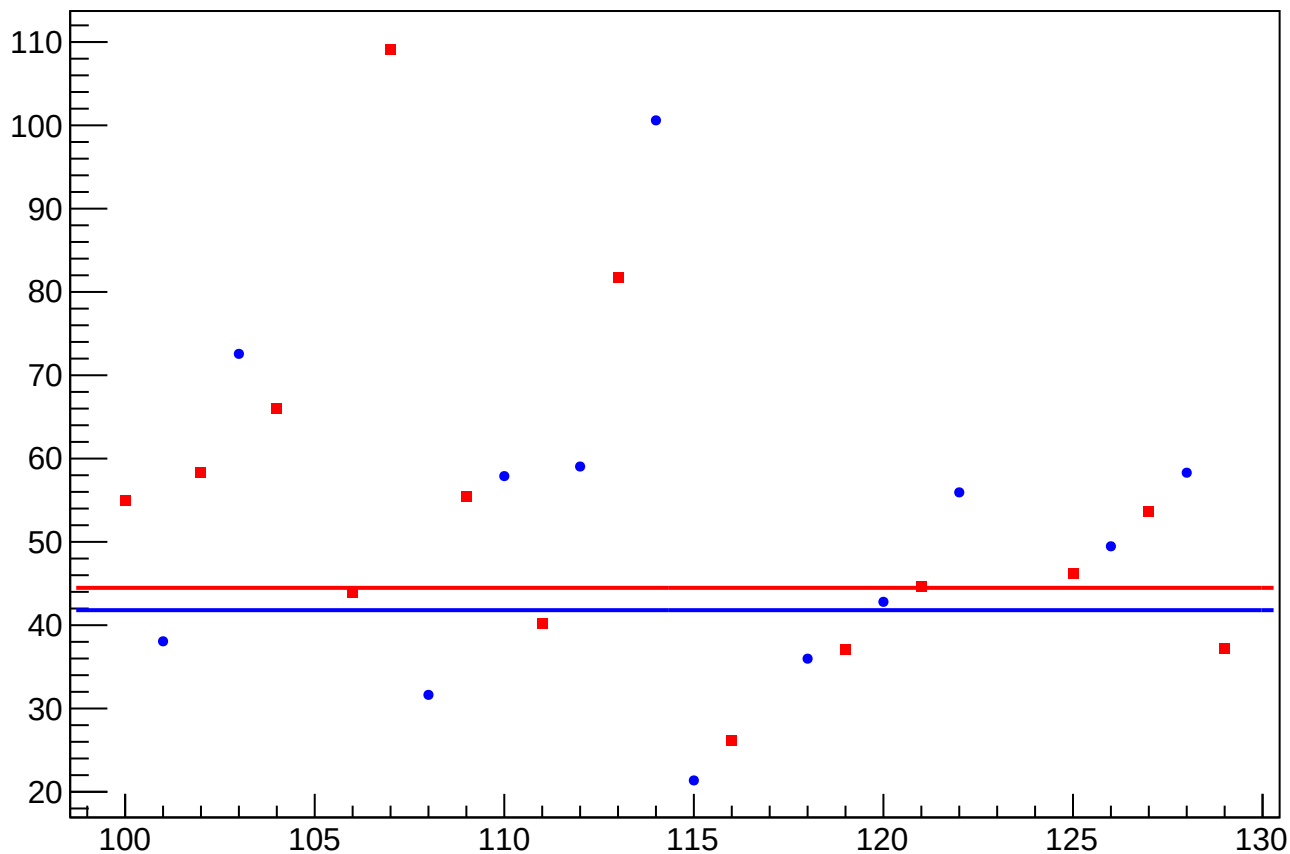
Right: -0.020+/-0.015 χ^2/NDF : 47.2/25

In: -0.020+/-0.021 χ^2/NDF : 15.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.020+/-0.015 χ^2/NDF : 47.2/25

asym_usl_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 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

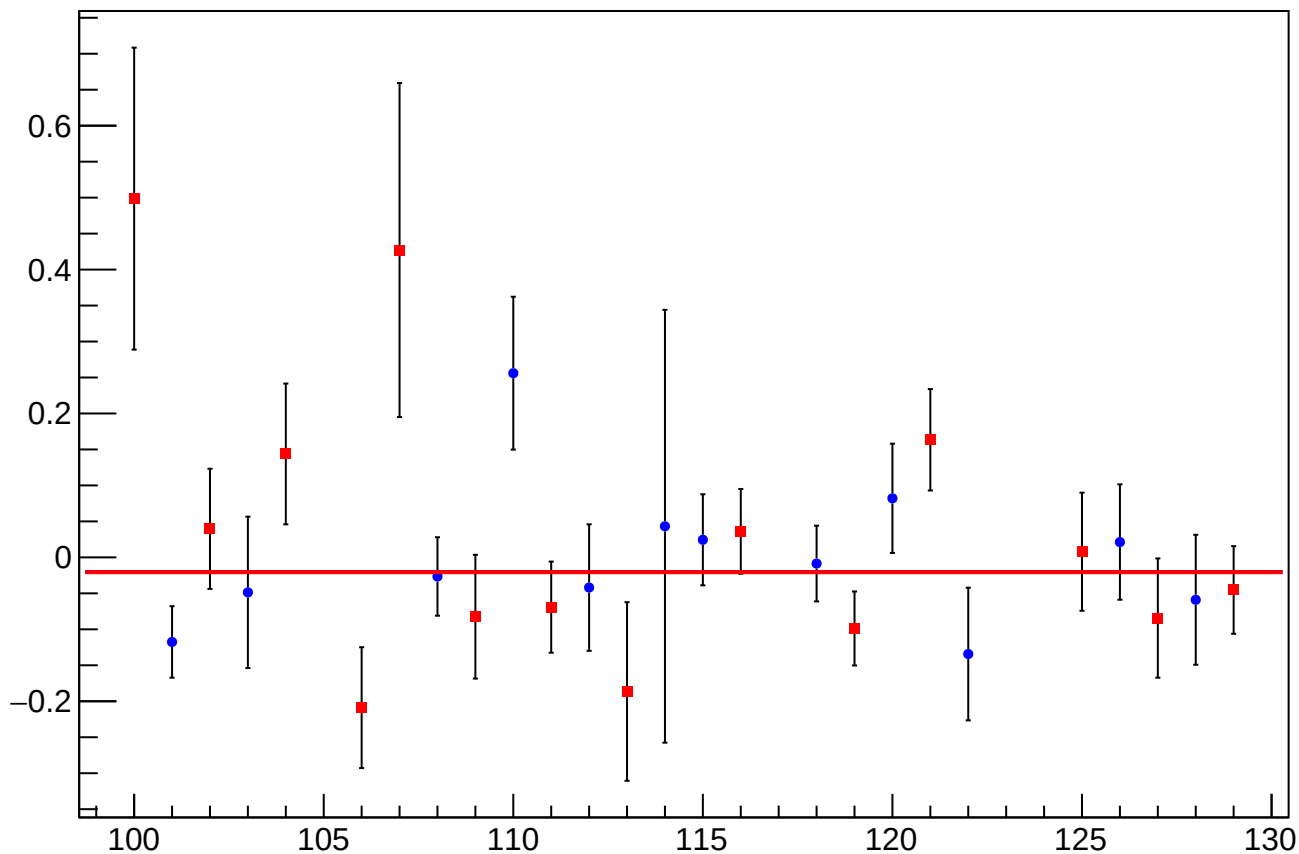
Right: 43.164+/-0.010 χ^2/NDF : 1653505.6/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.164+/-0.010 χ^2/NDF : 1653505.6/25

asym_usl_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.021+/-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

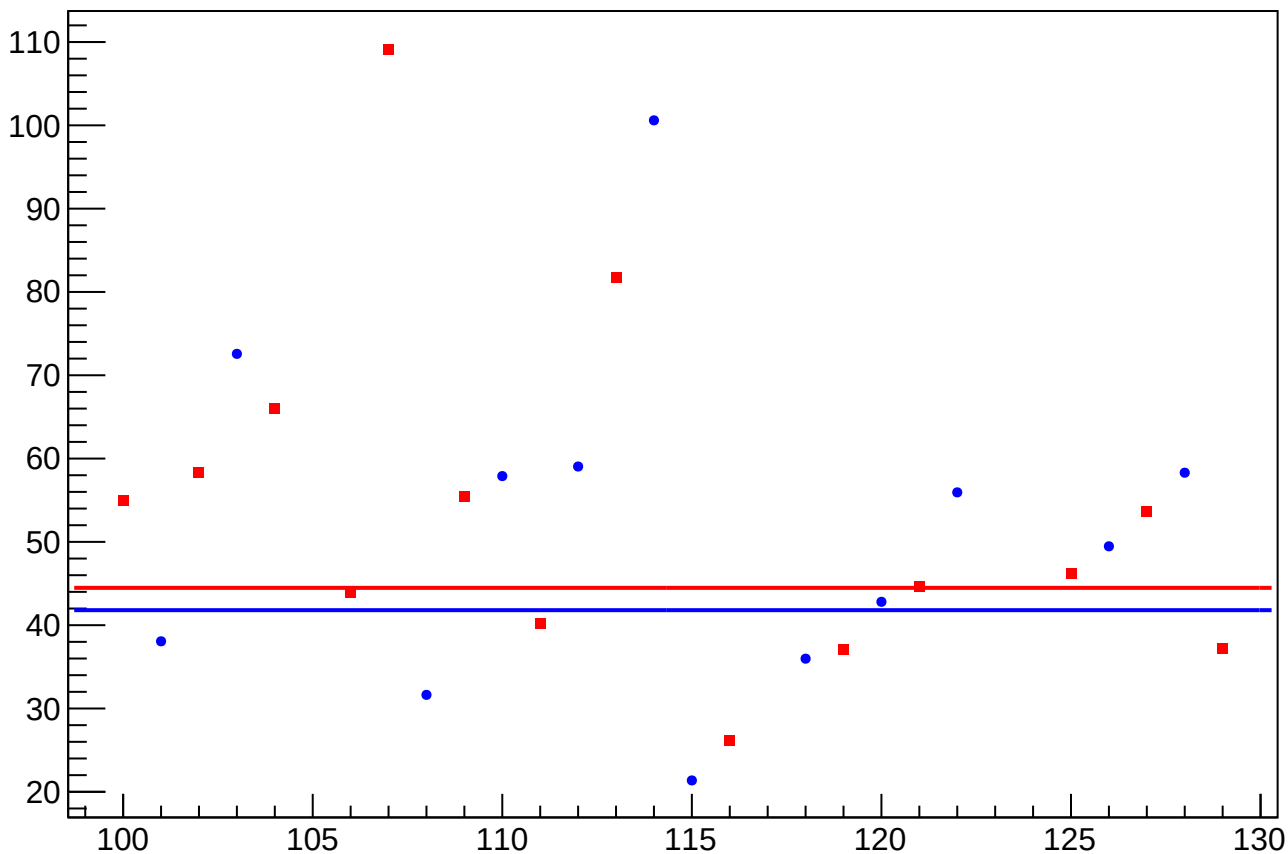
Right: -0.020+/-0.015 χ^2/NDF : 47.2/25

In: -0.020+/-0.021 χ^2/NDF : 15.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.020+/-0.015 χ^2/NDF : 47.2/25

asym_usl_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 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

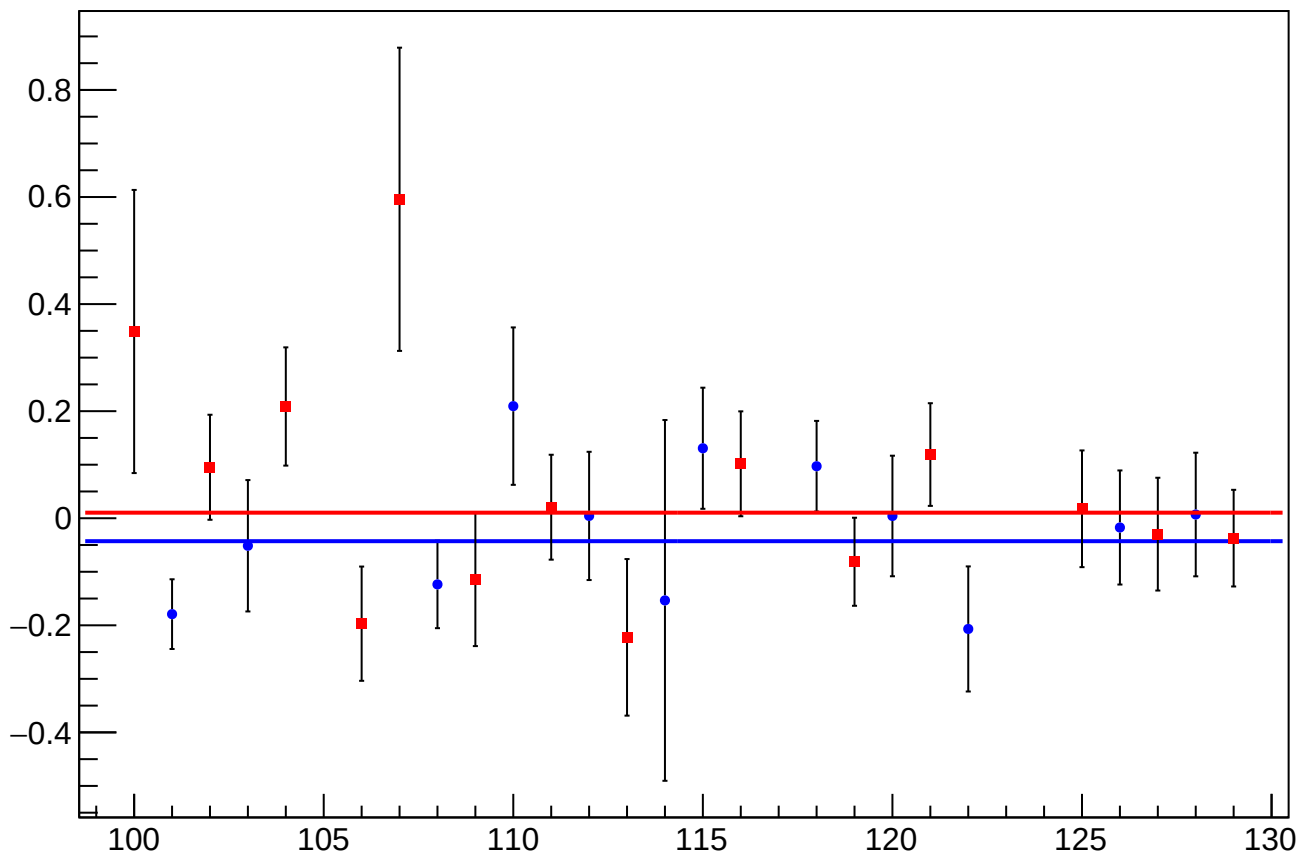
Right: 43.164+/-0.010 χ^2/NDF : 1653505.6/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.164+/-0.010 χ^2/NDF : 1653505.6/25

asym_usl_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.043 $\pm$ 0.030 χ^2/NDF : 16.0/11

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

Right Out: 0.010 $\pm$ 0.029 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

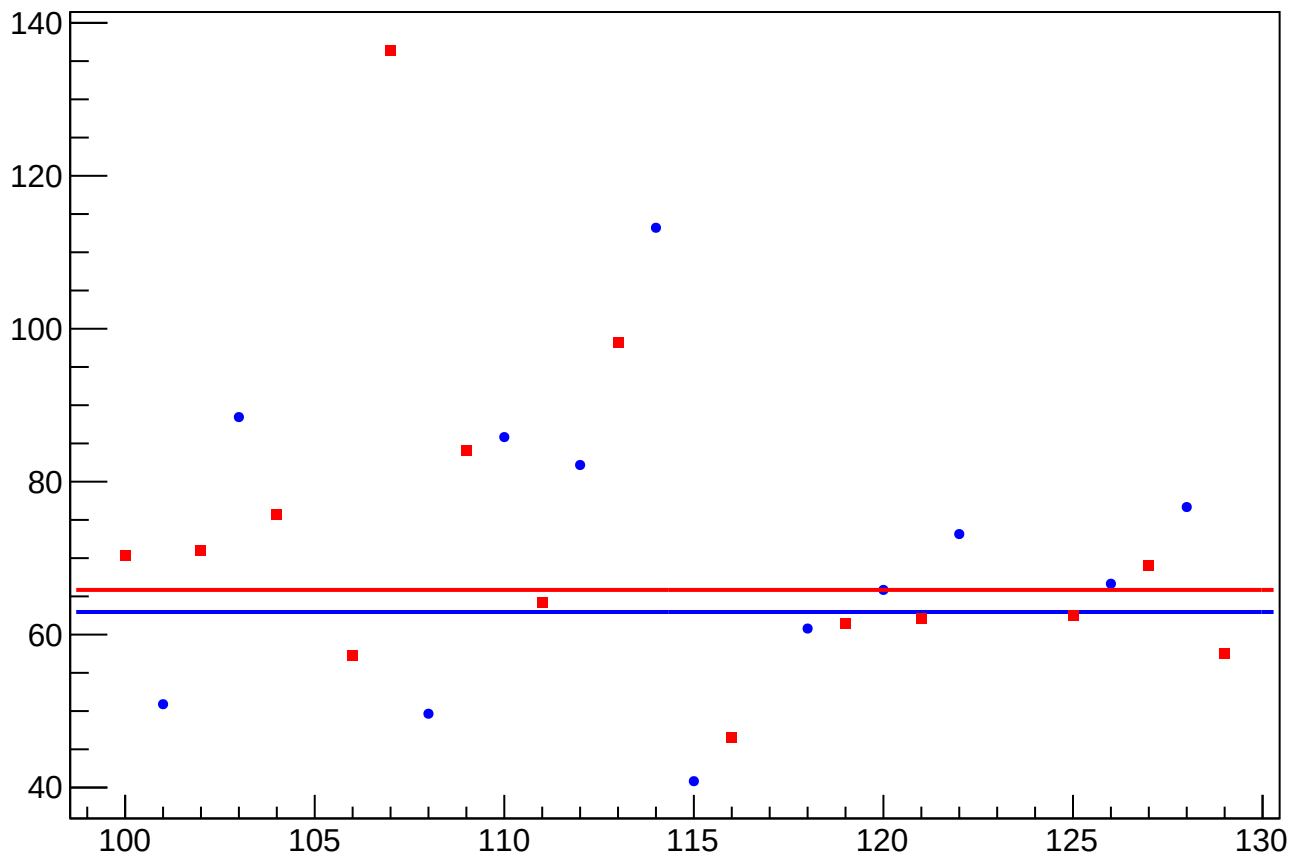
Right: -0.015 $\pm$ 0.021 χ^2/NDF : 38.7/25

In: -0.043 $\pm$ 0.030 χ^2/NDF : 16.0/11

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

All: -0.015 $\pm$ 0.021 χ^2/NDF : 38.7/25

asym_usl_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 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

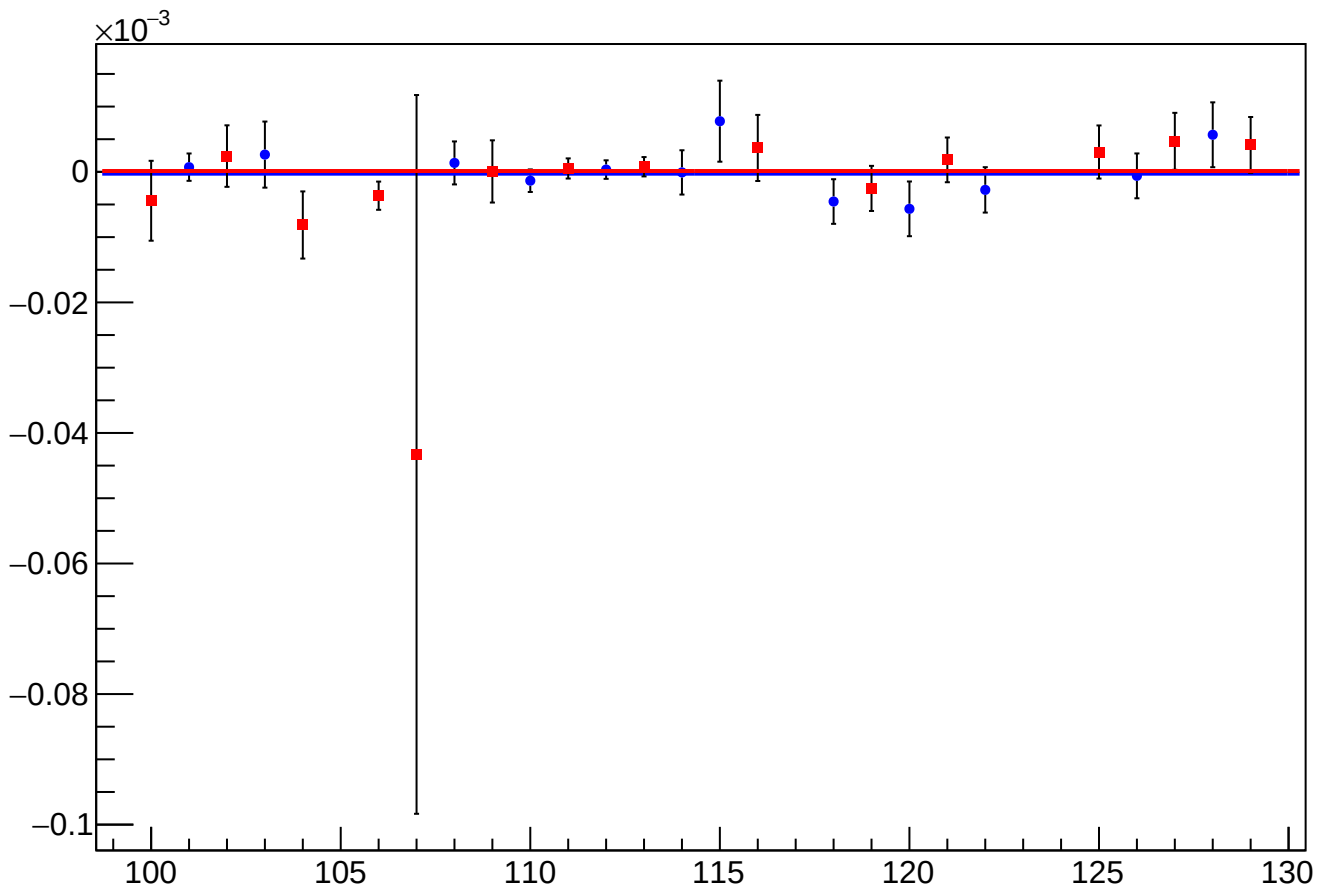
Right: 64.442+/-0.015 χ^2/NDF : 894634.8/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.442+/-0.015 χ^2/NDF : 894634.8/25

asym_usl_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 8.2/11

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

Right Out: 0.000+/-0.000 χ^2 /NDF: 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

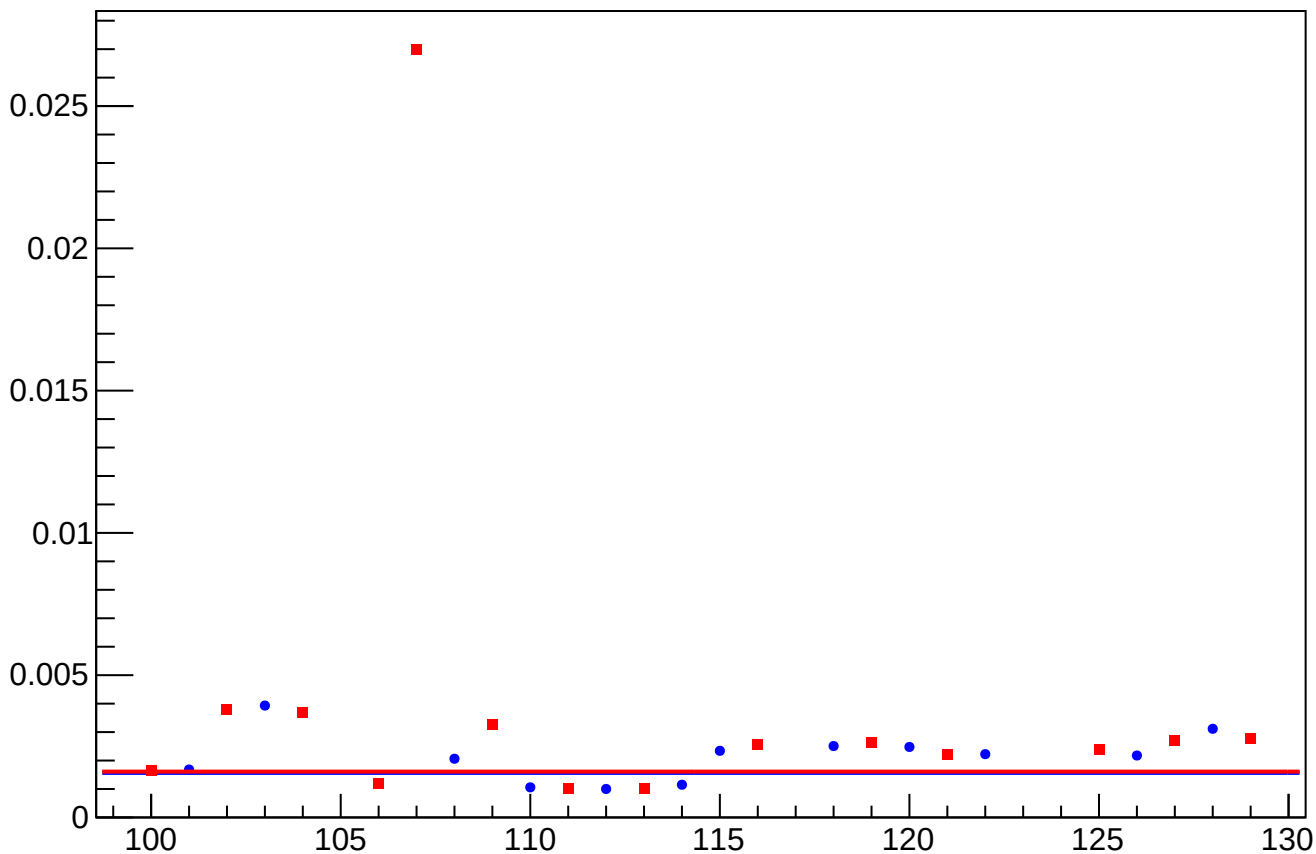
Right: -0.000+/-0.000 χ^2 /NDF: 19.5/25

In: -0.000+/-0.000 χ^2 /NDF:8.2/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 19.5/25

asym_usl_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1616198.2/11

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

Right Out: 0.002+/-0.000 χ^2/NDF : 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

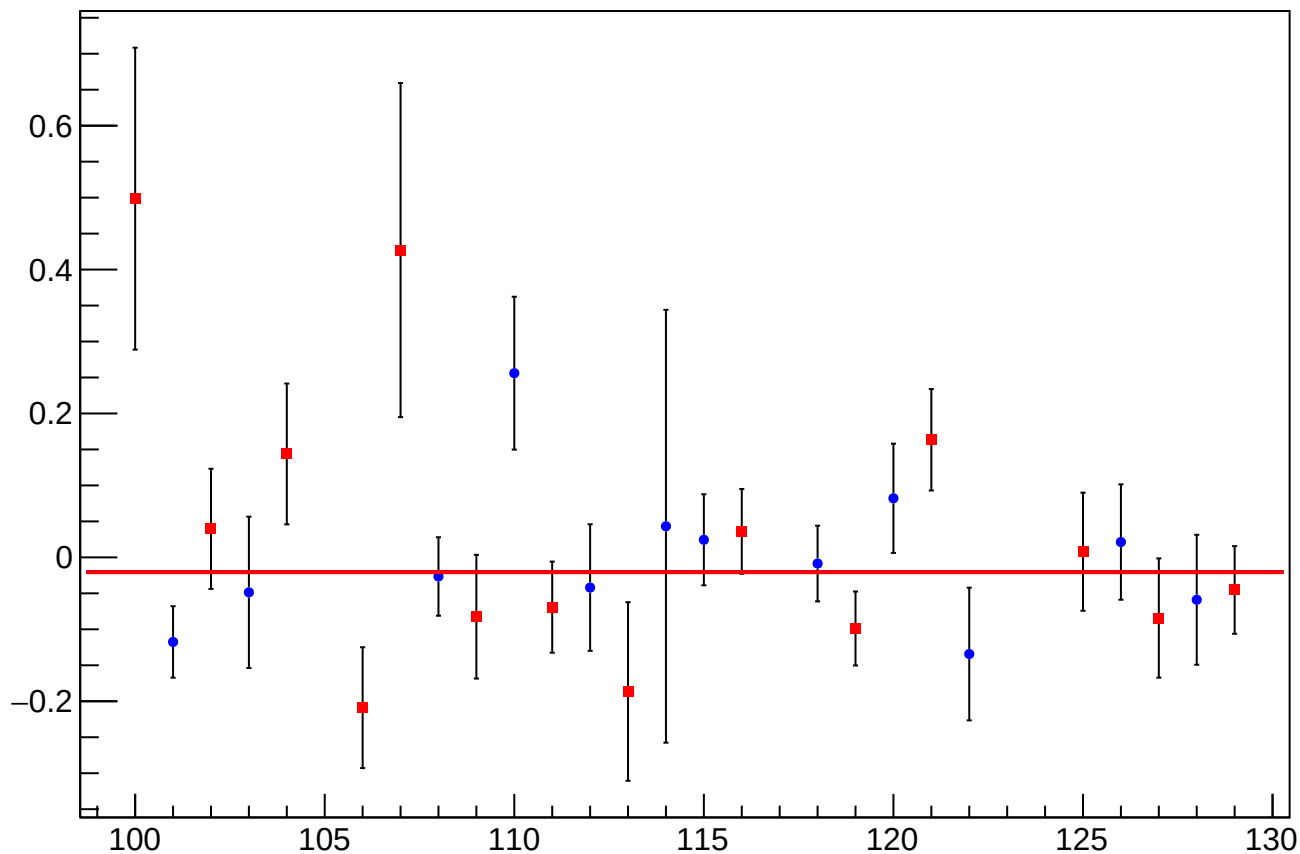
Right: 0.002+/-0.000 χ^2/NDF : 4373597.2/25

In: 0.002+/-0.000 χ^2/NDF : 1616198.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4373597.2/25

asym_usl_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.021+/-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

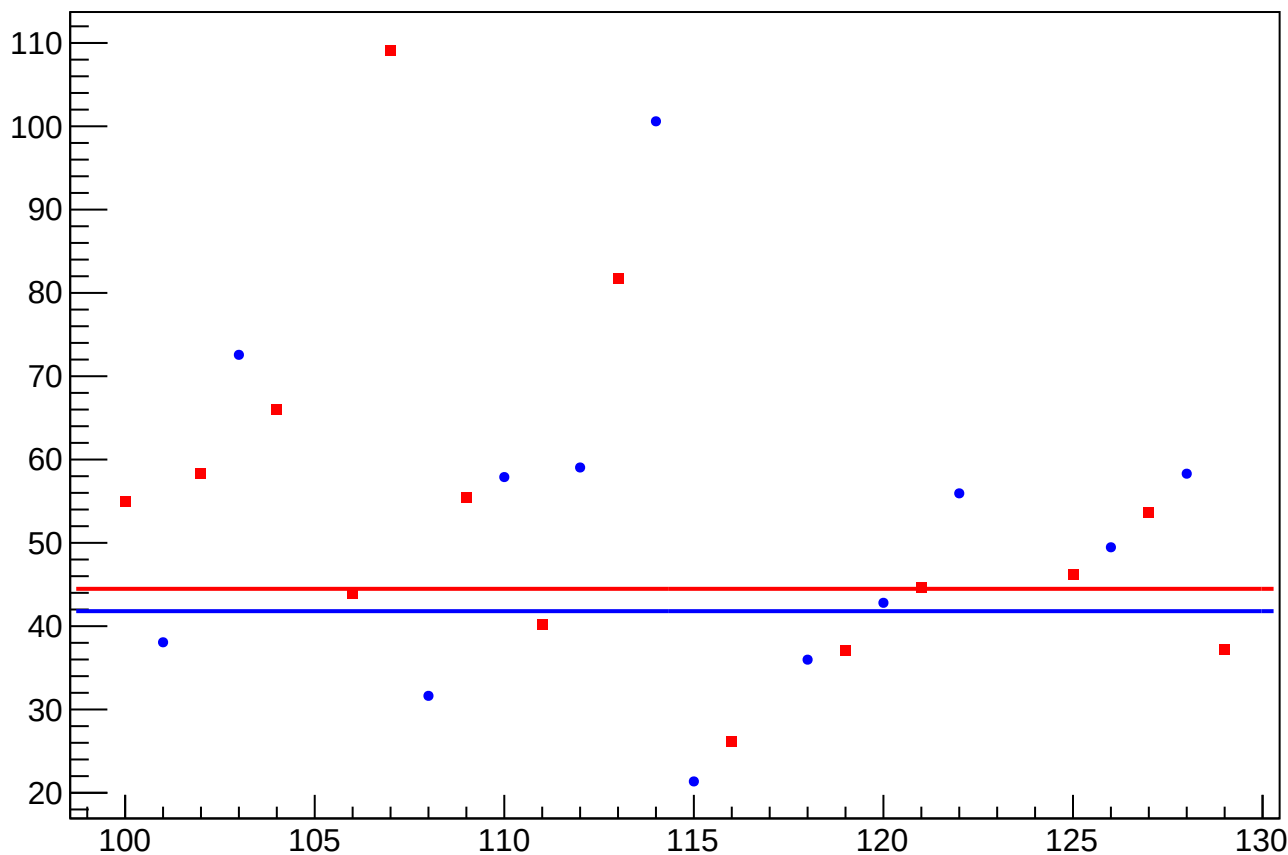
Right: -0.020+/-0.015 χ^2/NDF : 47.2/25

In: -0.020+/-0.021 χ^2/NDF :15.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.020+/-0.015 χ^2/NDF : 47.2/25

asym_usl_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 44.482 $\pm$ 0.015 χ^2 /NDF: 820543.4/13

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

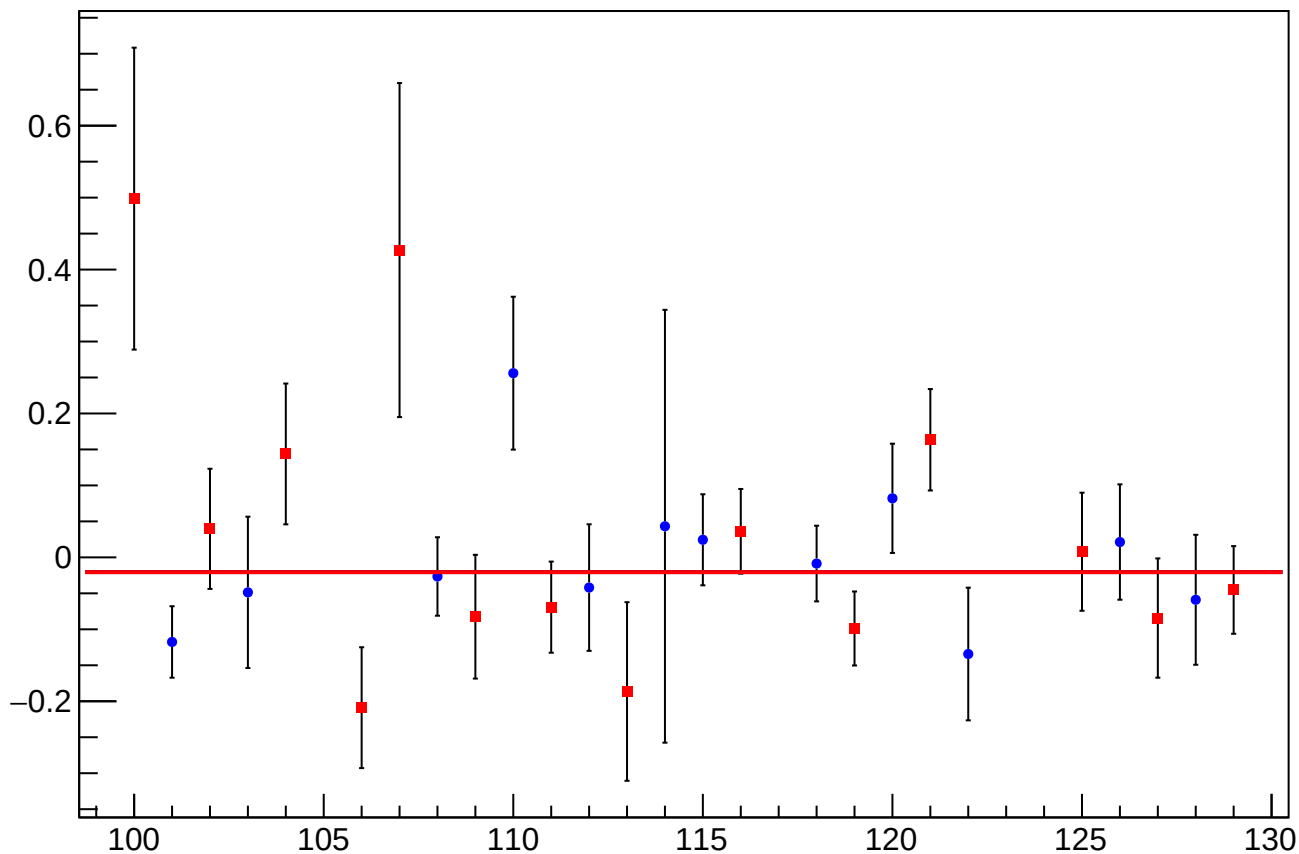
Right: 43.163 $\pm$ 0.010 χ^2 /NDF: 1653579.6/25

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 43.163 $\pm$ 0.010 χ^2 /NDF: 1653579.6/25

asym_usl_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.021 ± 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

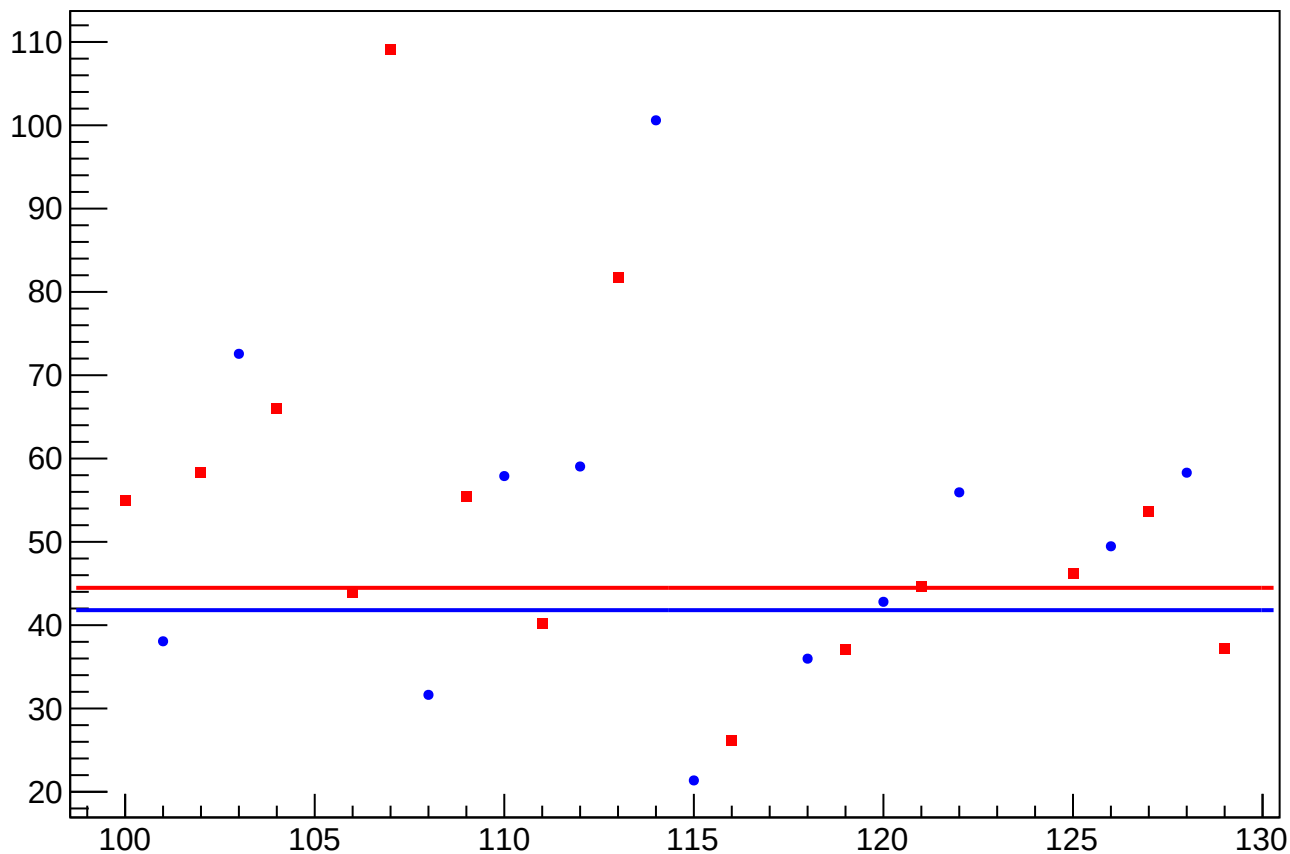
Right: -0.020 ± 0.015 χ^2/NDF : 47.2/25

In: -0.020 ± 0.021 χ^2/NDF : 15.1/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.020 ± 0.015 χ^2/NDF : 47.2/25

asym_usl_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.802+/-0.015 χ^2/NDF : 816686.0/11

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

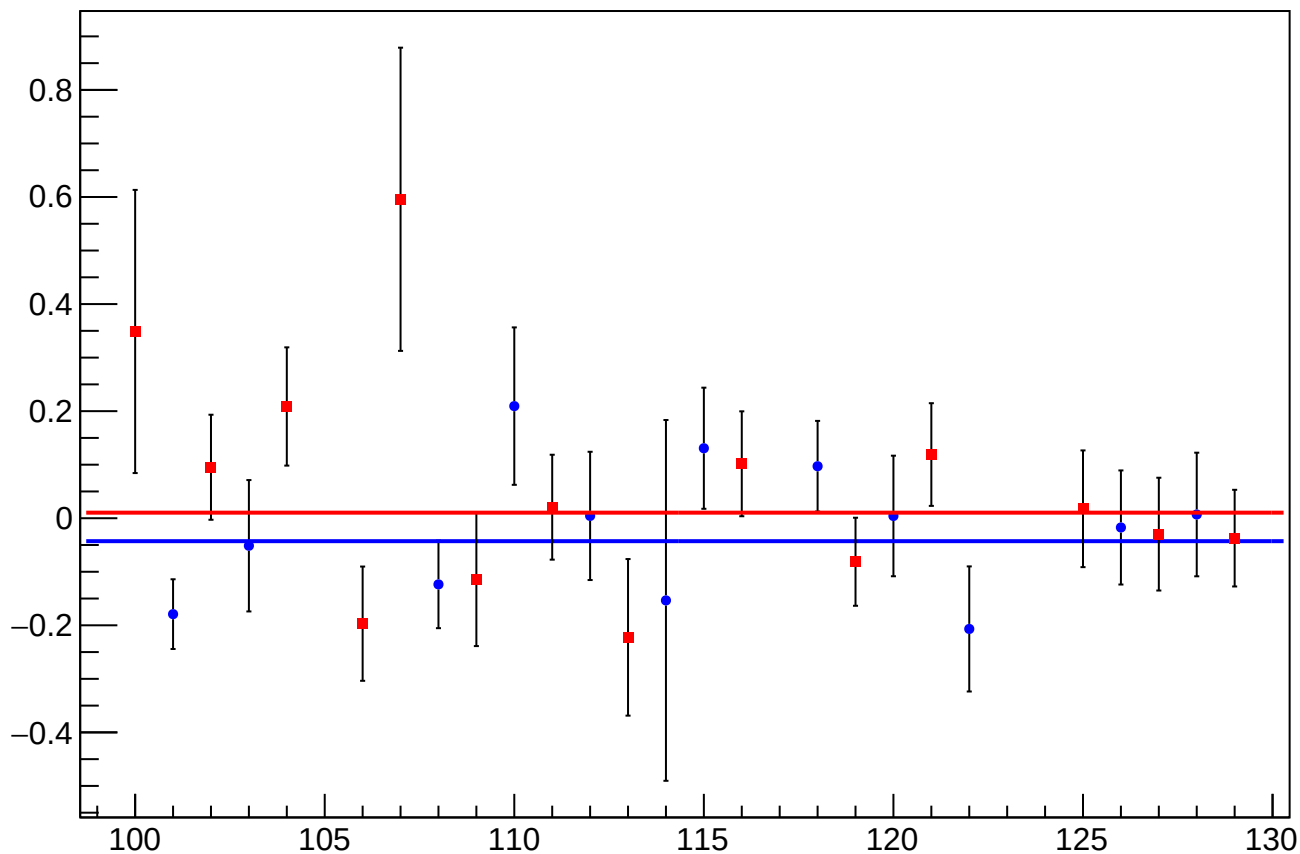
Right: 43.163+/-0.010 χ^2/NDF : 1653579.6/25

In: 41.802+/-0.015 χ^2/NDF : 816686.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.163+/-0.010 χ^2/NDF : 1653579.6/25

asym_usl_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.010+/-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

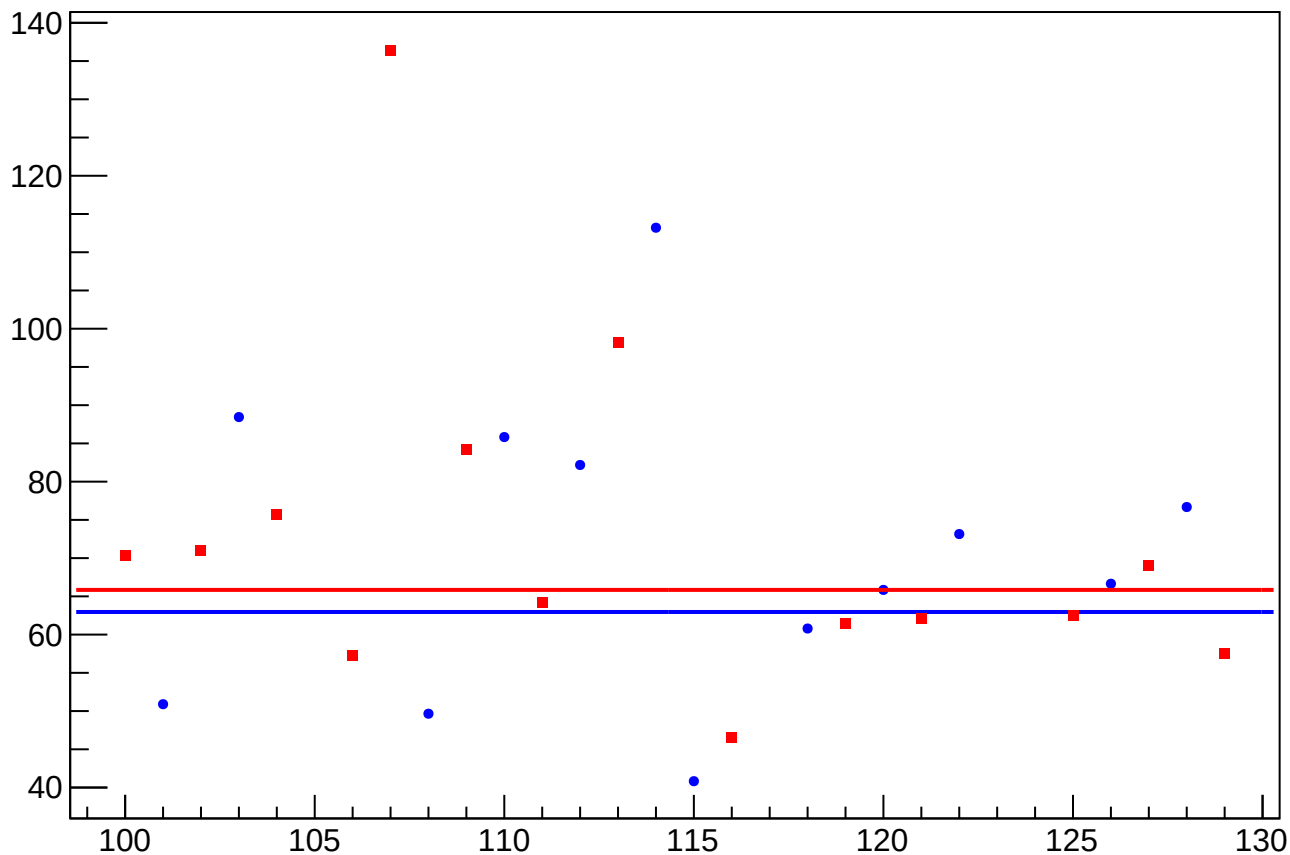
Right: -0.015+/-0.021 χ^2/NDF : 38.7/25

In: -0.043+/-0.030 χ^2/NDF :16.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.015+/-0.021 χ^2/NDF : 38.7/25

asym_usl_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 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

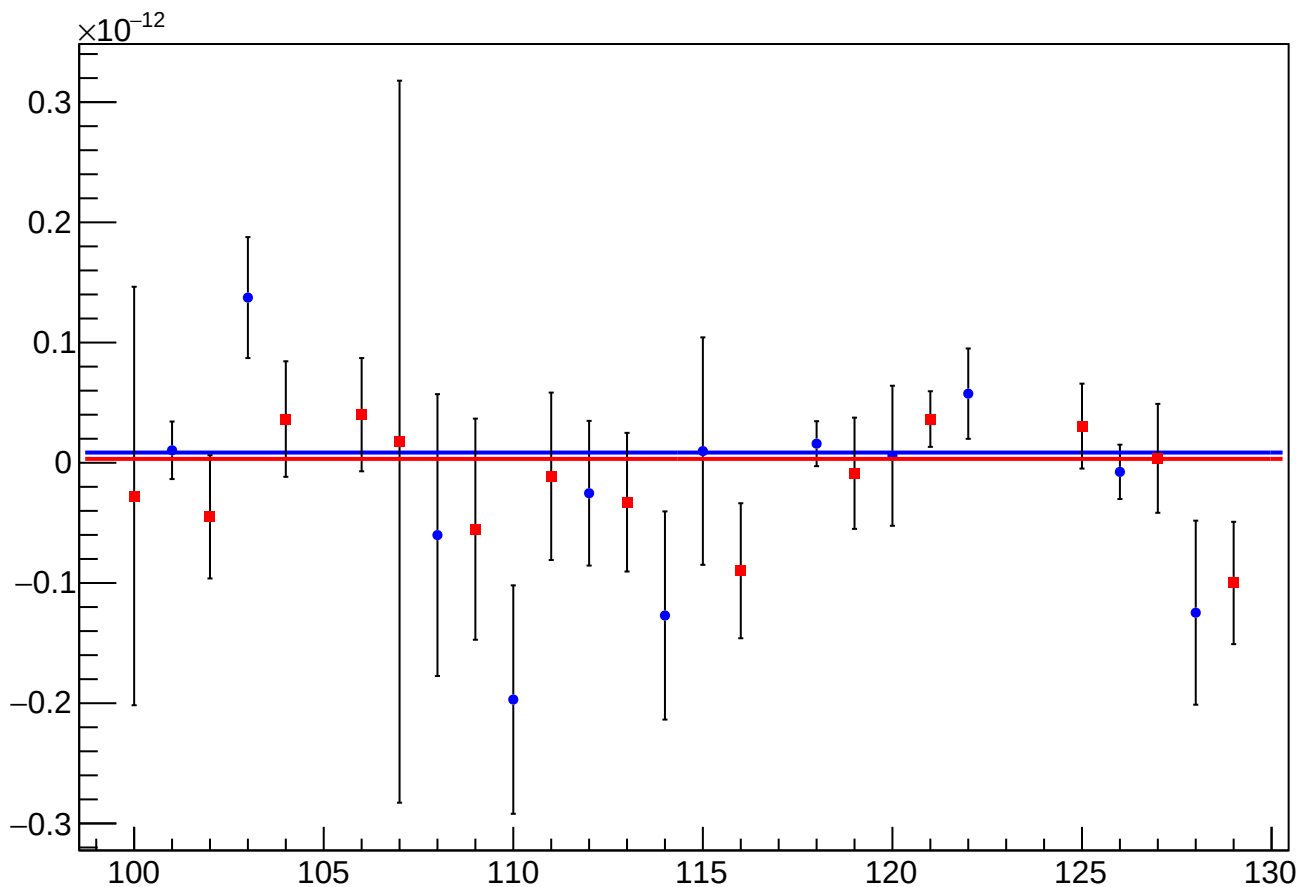
Right: 64.441+/-0.015 χ^2/NDF : 894629.6/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.441+/-0.015 χ^2/NDF : 894629.6/25

asym_usl_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 19.7/11

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

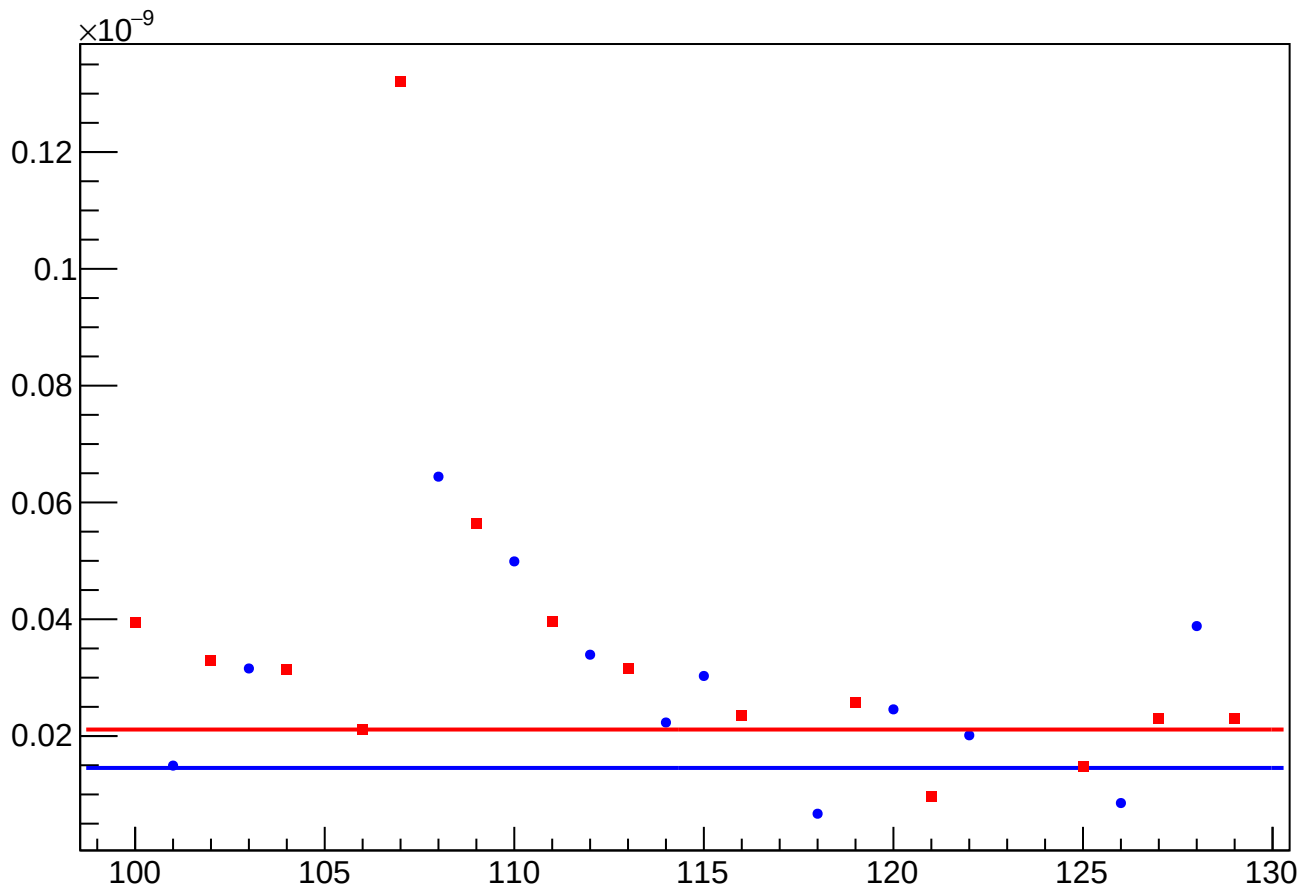
Right: 0.000+/-0.000 χ^2/NDF : 32.3/25

In: 0.000+/-0.000 χ^2/NDF : 19.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 32.3/25

asym_usl_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1945822.2/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 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

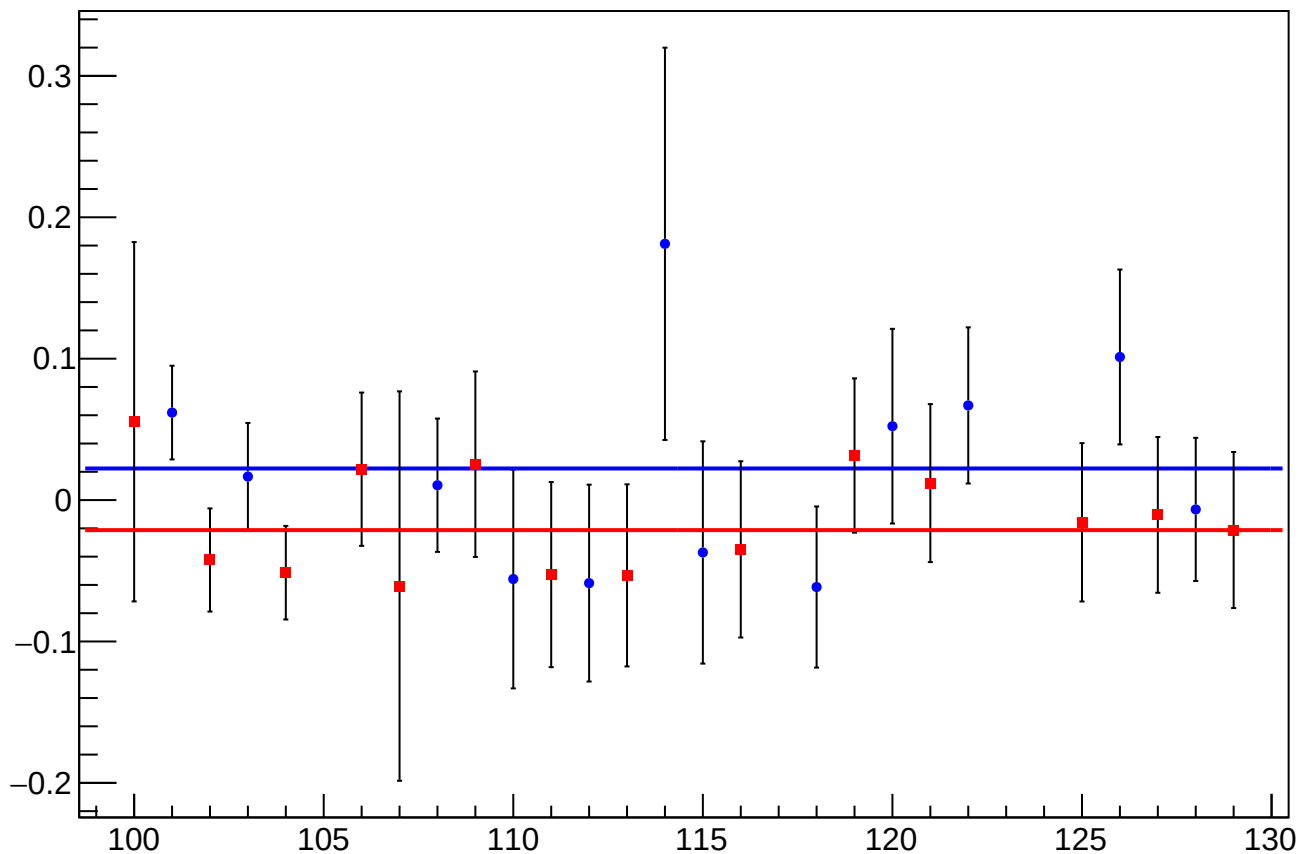
Right: 0.000+/-0.000 χ^2/NDF : 3837270.8/25

In: 0.000+/-0.000 χ^2/NDF : 1945822.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3837270.8/25

asym_usl_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.021 $\pm$ 0.015 χ^2 /NDF: 4.6/13

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

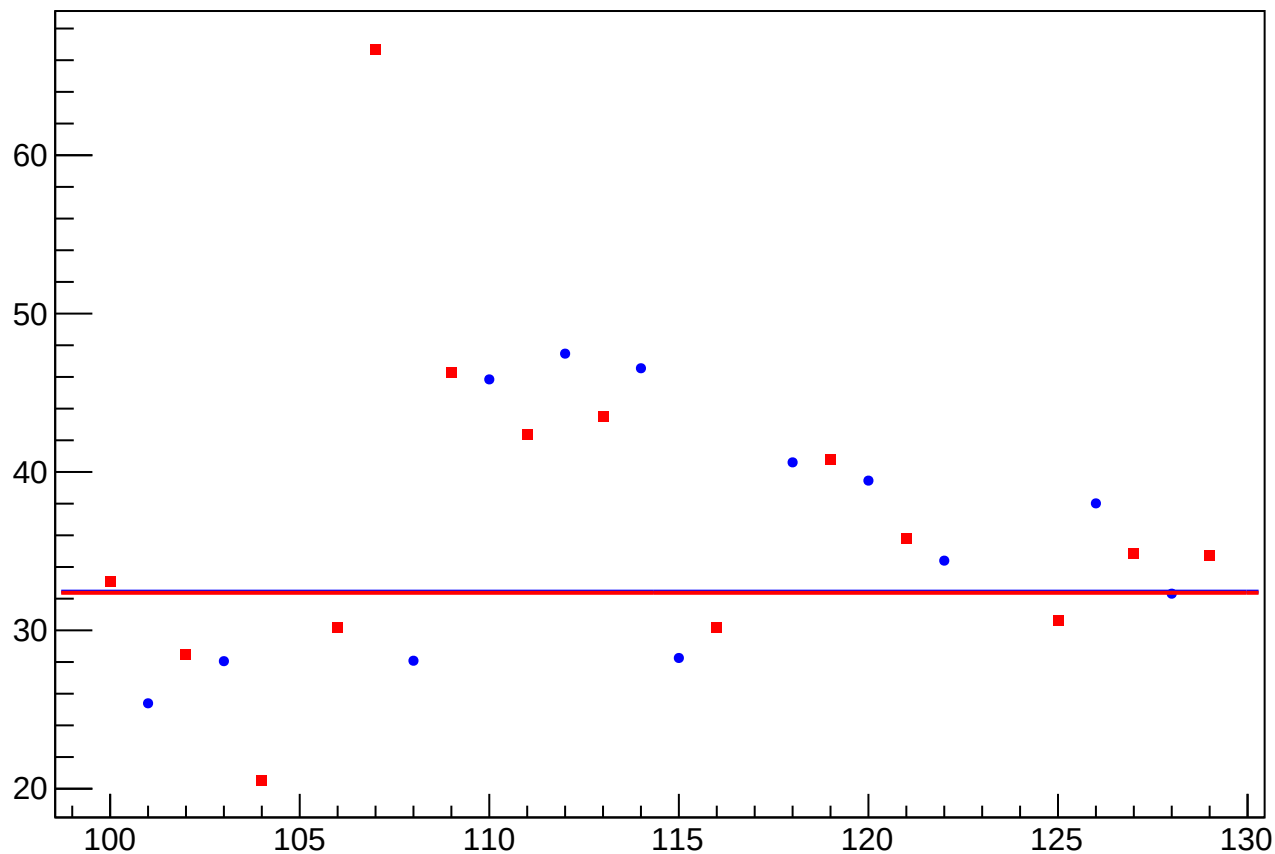
Right: -0.001 $\pm$ 0.011 χ^2 /NDF: 19.5/25

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.011 χ^2 /NDF: 19.5/25

asym_usl_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 32.371+/-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

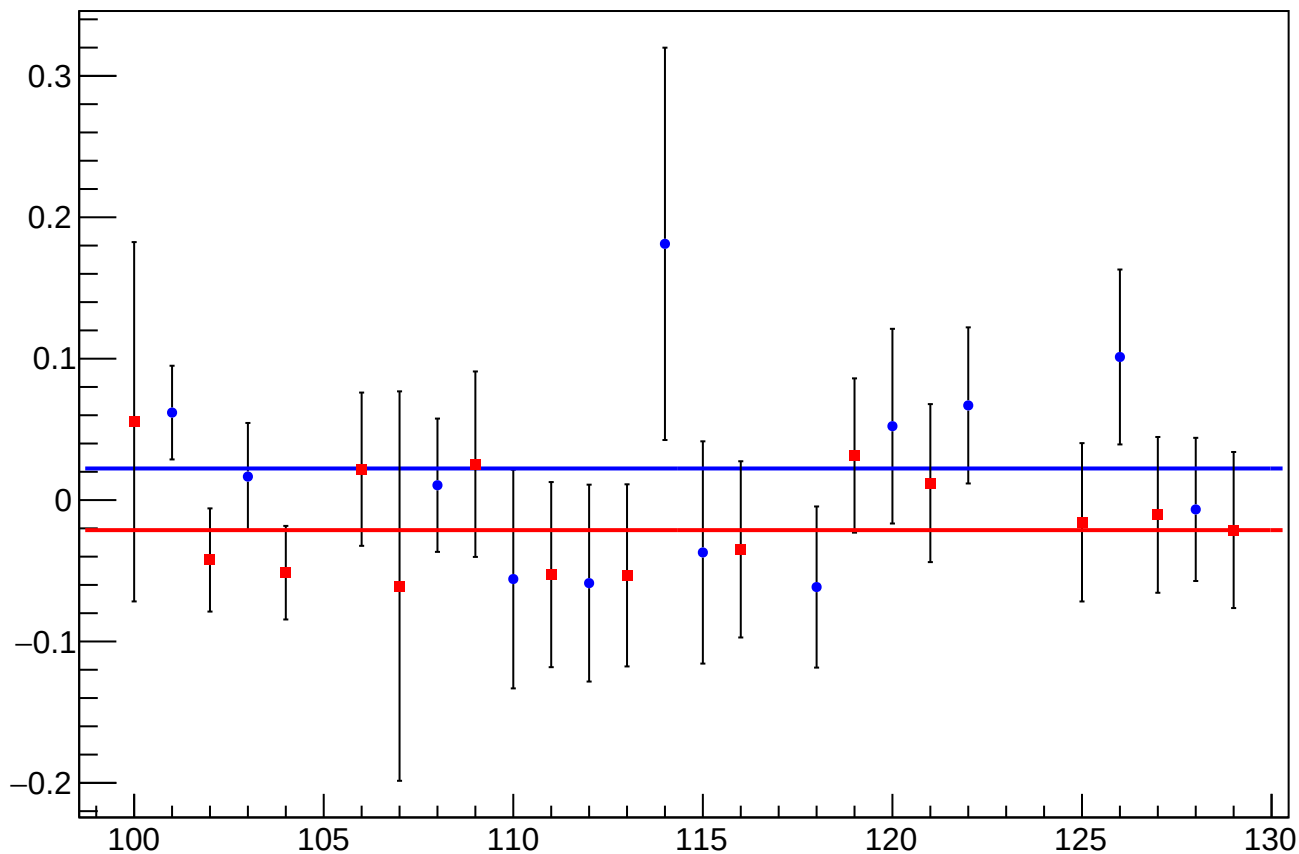
Right: 32.405+/-0.008 χ^2/NDF : 1065698.4/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.405+/-0.008 χ^2/NDF : 1065698.4/25

asym_usl_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.021 $\pm$ 0.015 χ^2 /NDF: 4.6/13

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

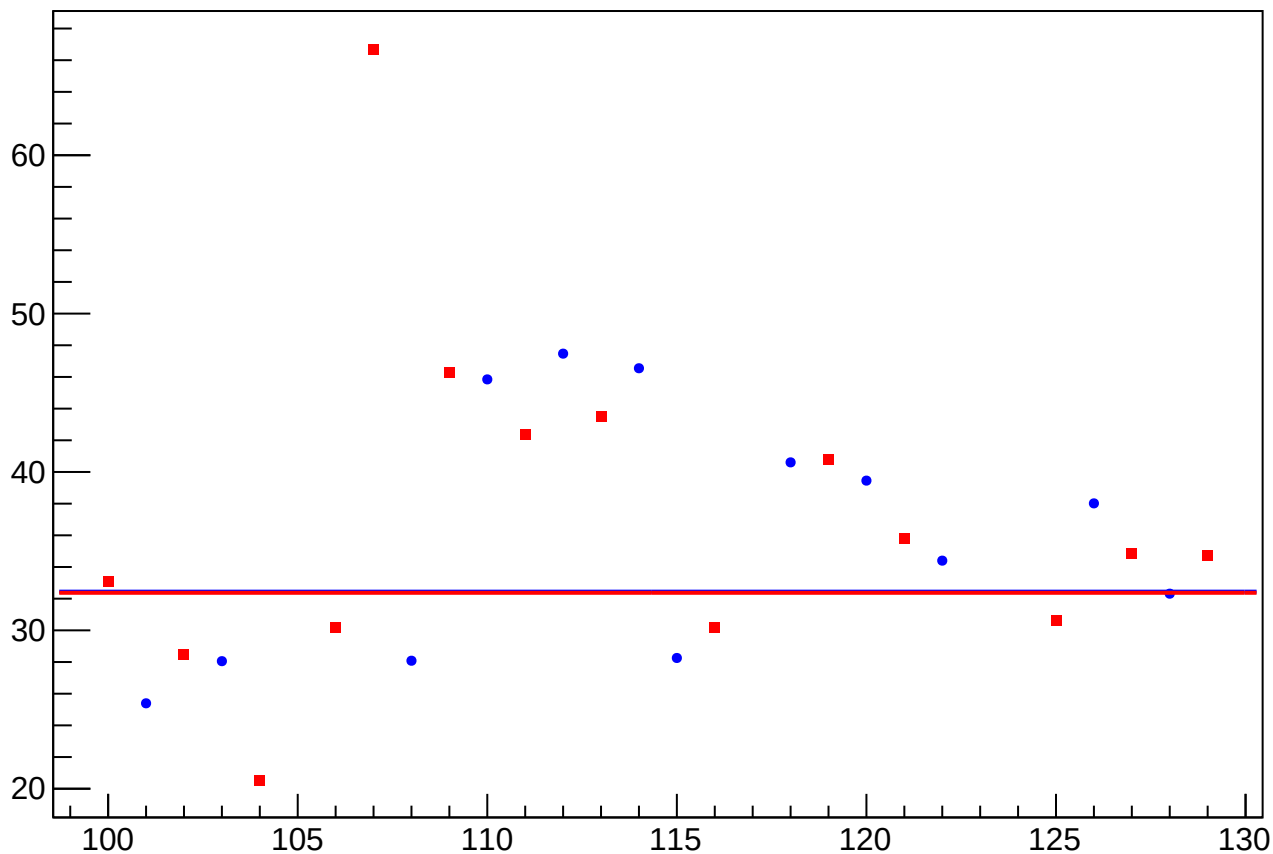
Right: -0.001 $\pm$ 0.011 χ^2 /NDF: 19.5/25

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.011 χ^2 /NDF: 19.5/25

asym_usl_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 32.371+/-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

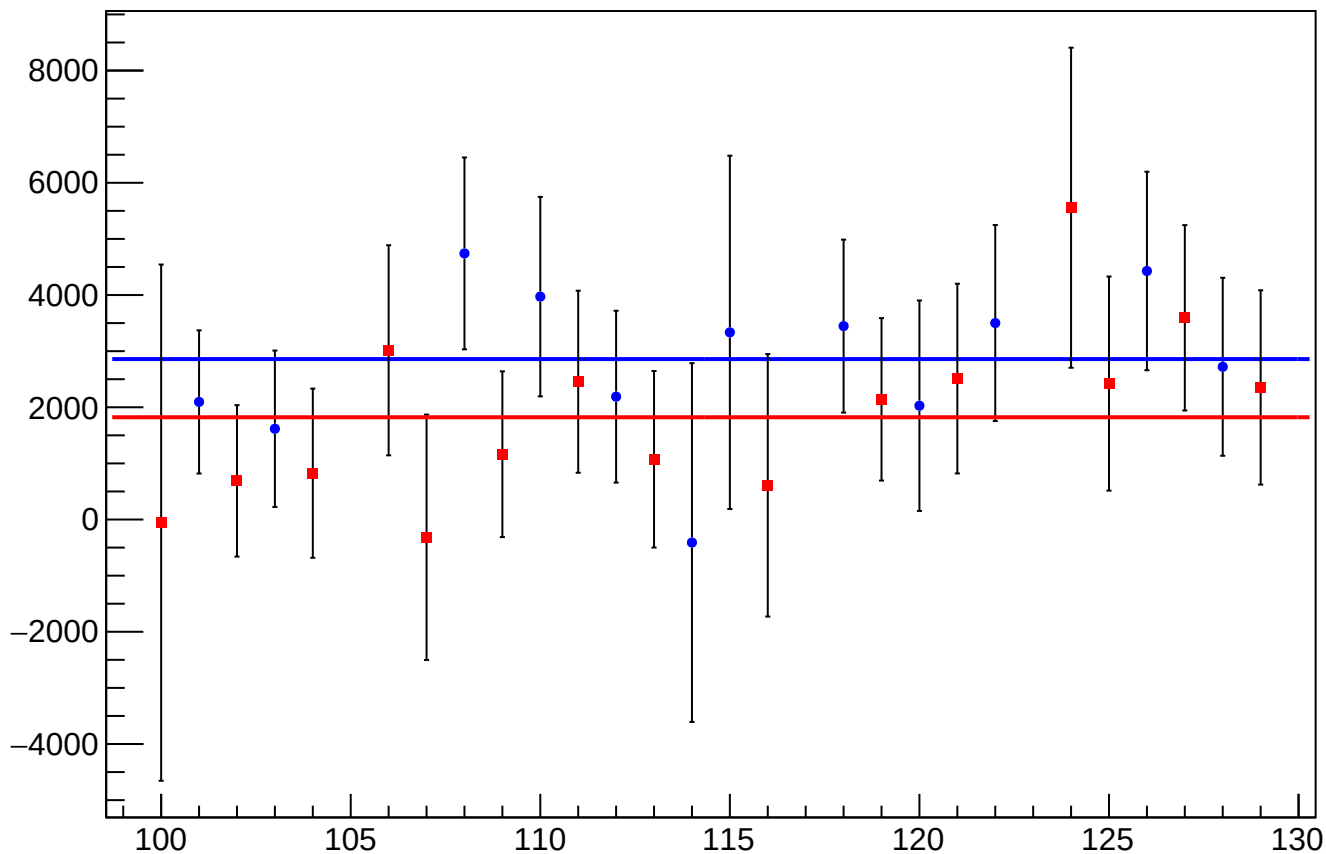
Right: 32.405+/-0.008 χ^2/NDF : 1065698.4/25

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.405+/-0.008 χ^2/NDF : 1065698.4/25

reg_asym_usr_mean vs Slug, Sign Corrected



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

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

Right Out: 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

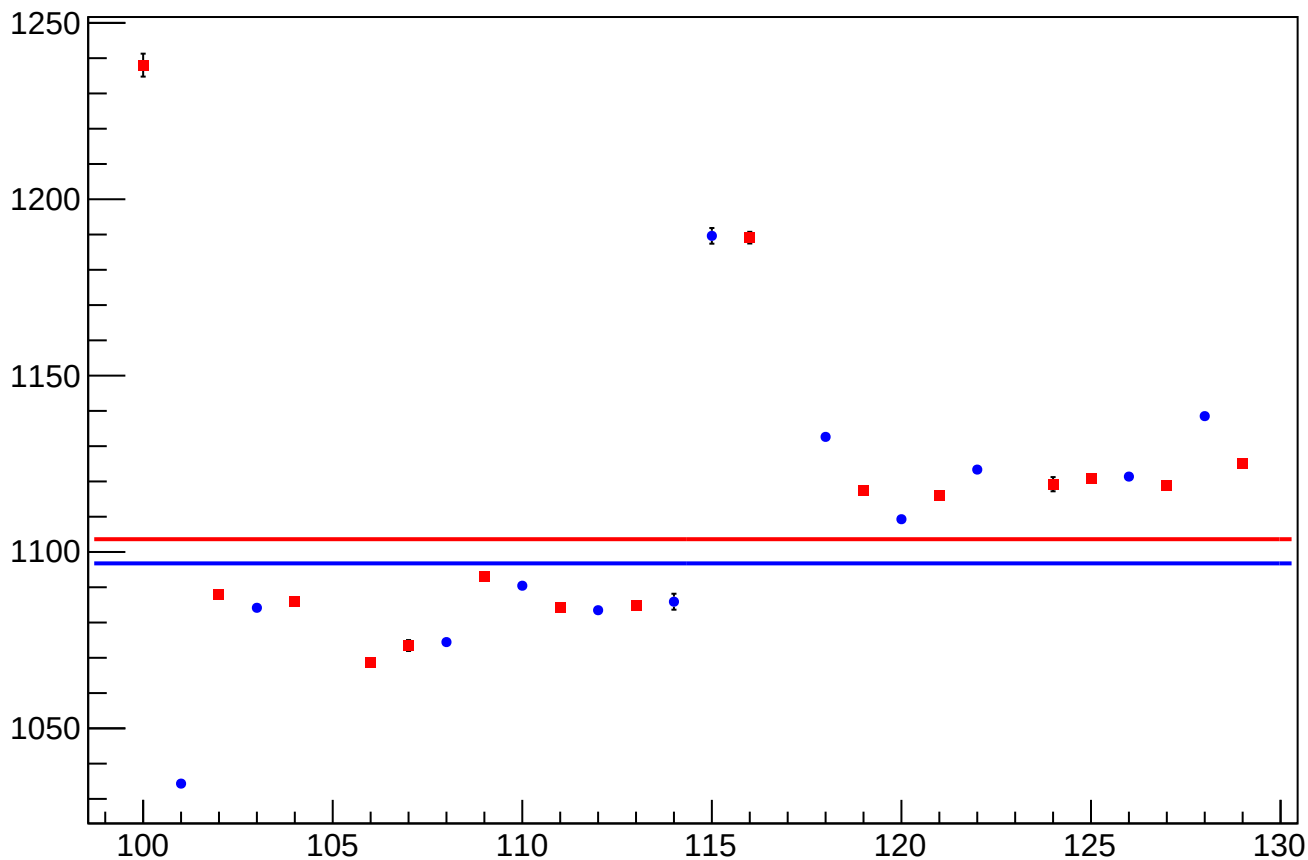
Right: 2299.598+/-332.454 χ^2/NDF : 14.5/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2299.598+/-332.454 χ^2/NDF : 14.5/26

reg_asym_usr_rms vs Slug, Sign Corrected



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

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

Right Out: 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

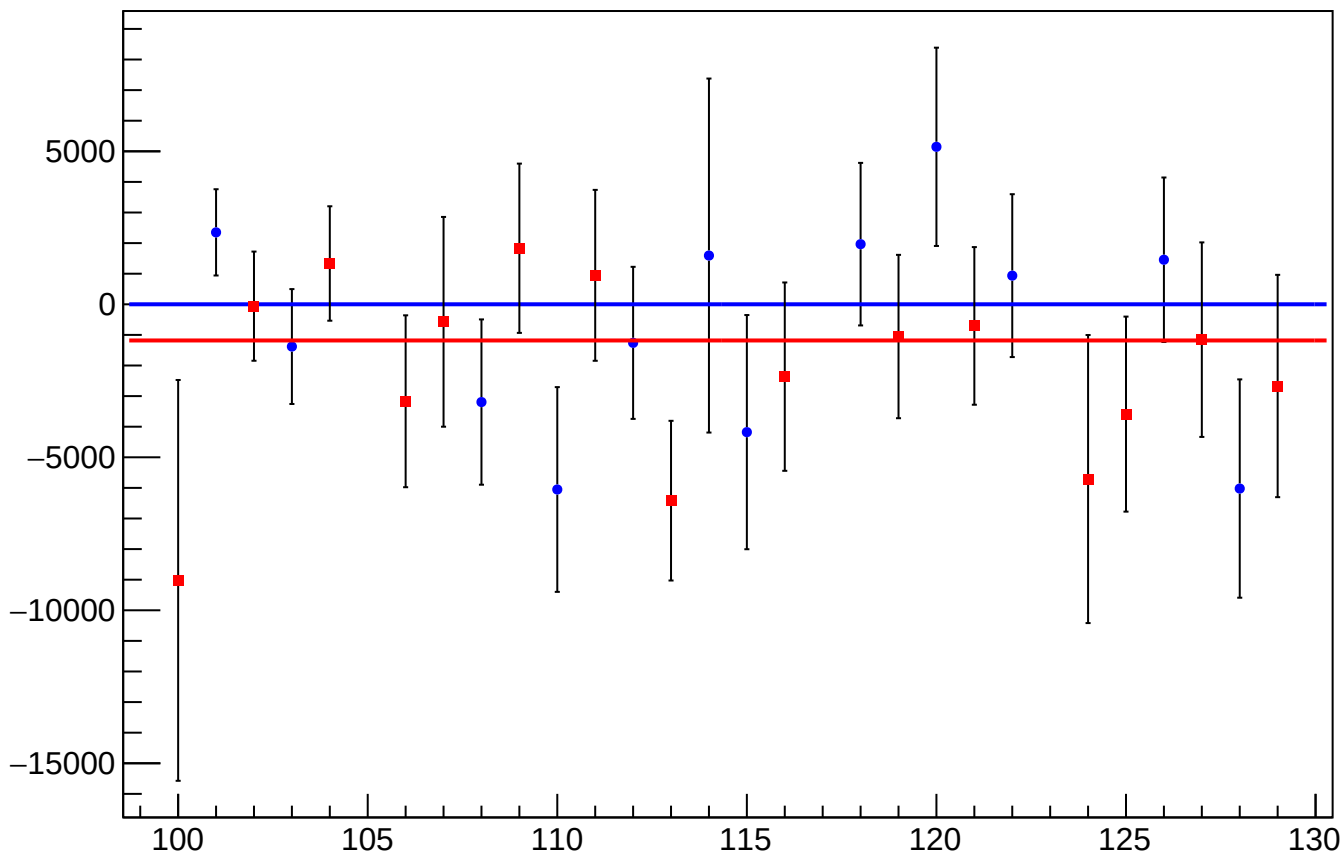
Right: 1100.470+/-0.235 χ^2/NDF : 18523.9/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1100.470+/-0.235 χ^2/NDF : 18523.9/26

asym_usr_reg_correction_mean vs Slug, Sign Corrected



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

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

Right Out: -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

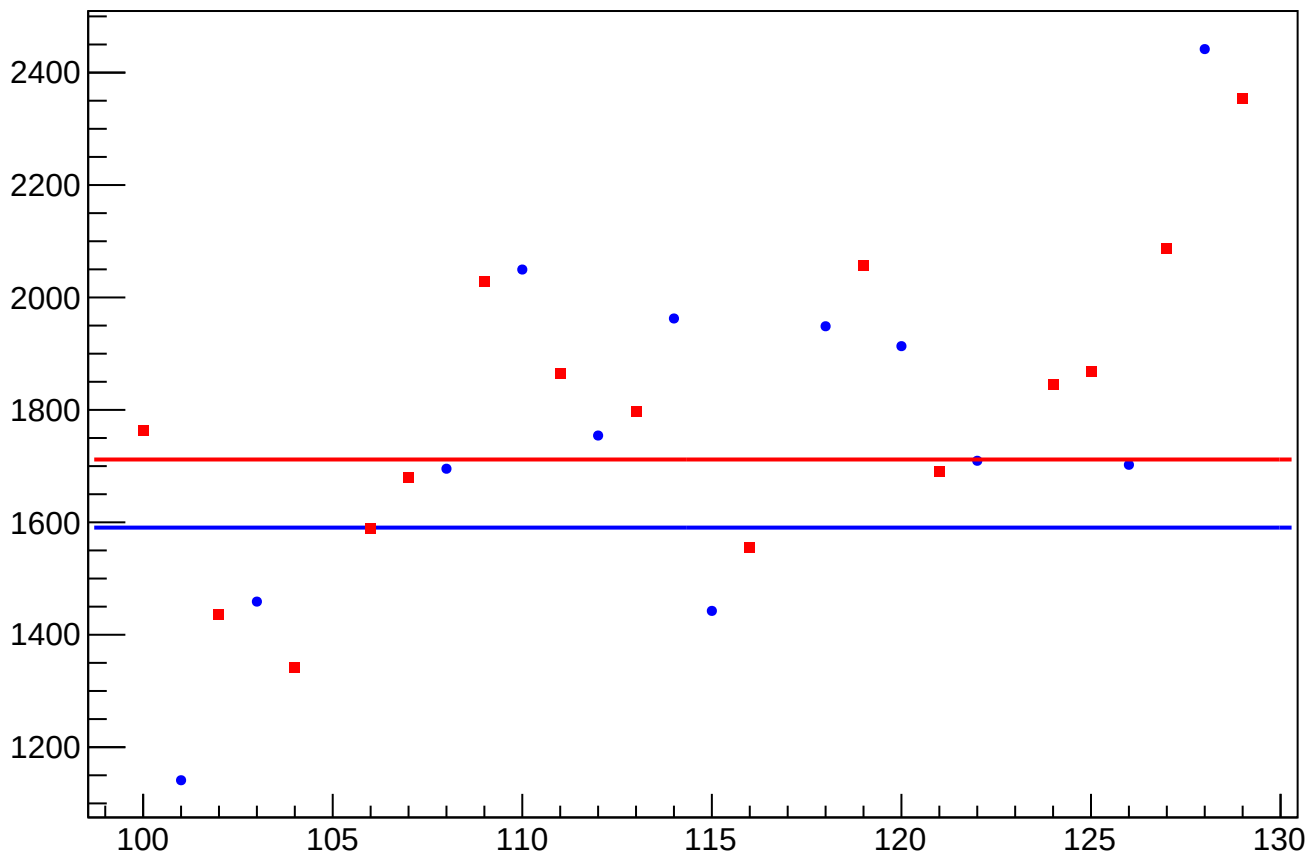
Right: -604.074+/-511.336 χ^2/NDF : 29.0/26

In: 0.592+/-731.549 χ^2/NDF : 15.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -604.074+/-511.336 χ^2/NDF : 29.0/26

asym_usr_reg_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 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

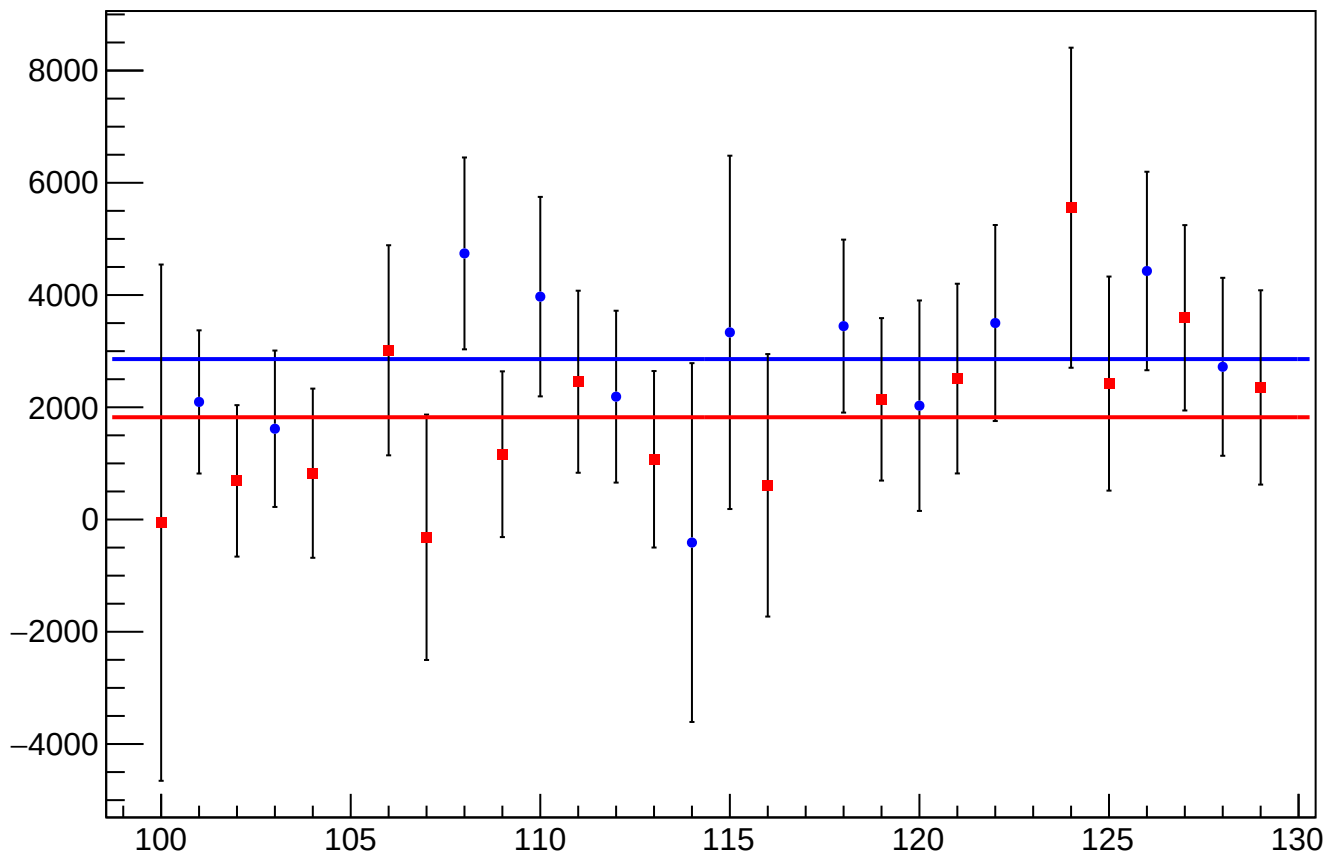
Right: 1652.571+/-0.362 χ^2/NDF : 779833.6/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1652.571+/-0.362 χ^2/NDF : 779833.6/26

cor_asym_usr_mean vs Slug, Sign Corrected



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

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

Right Out: 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

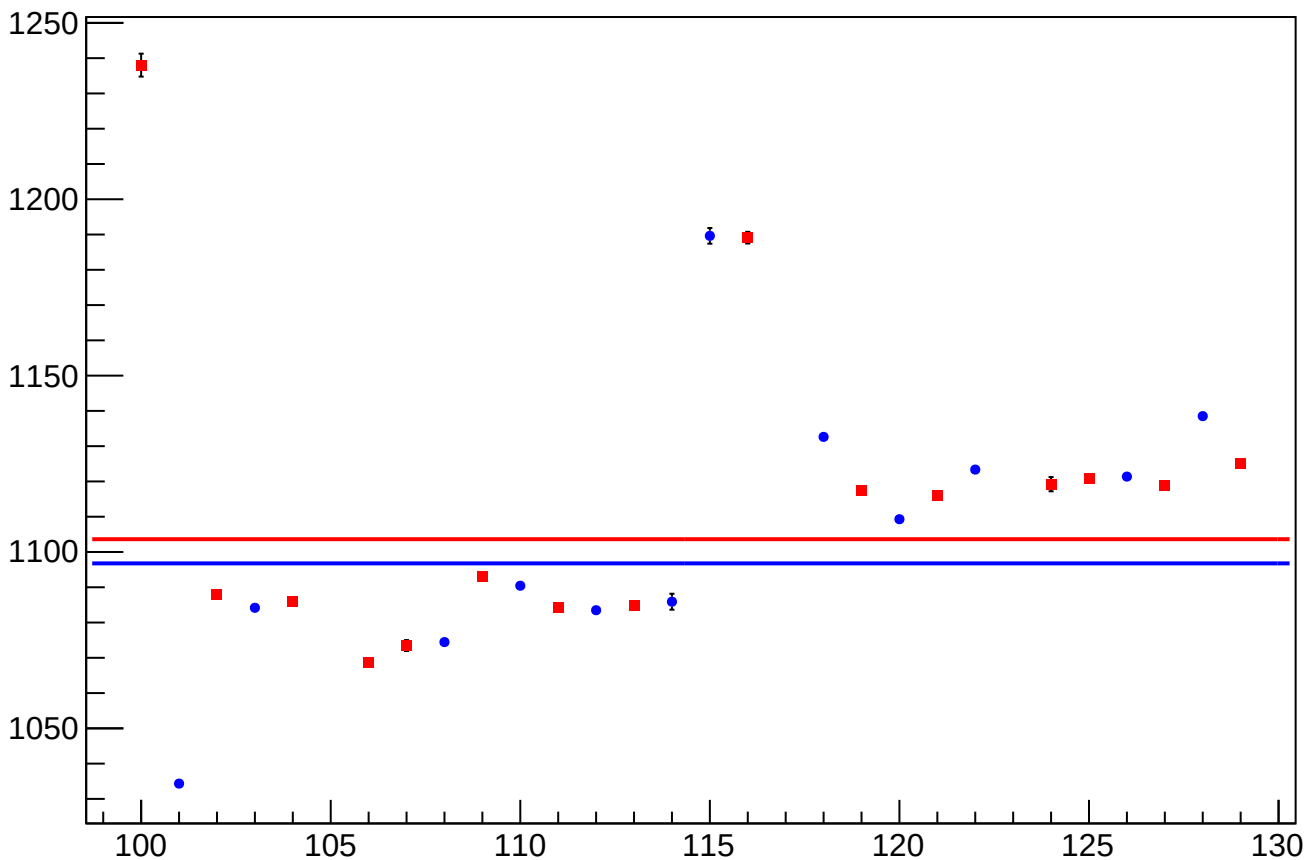
Right: 2299.598+/-332.454 χ^2/NDF : 14.5/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2299.598+/-332.454 χ^2/NDF : 14.5/26

cor_asym_usr_rms vs Slug, Sign Corrected



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

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

Right Out: 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

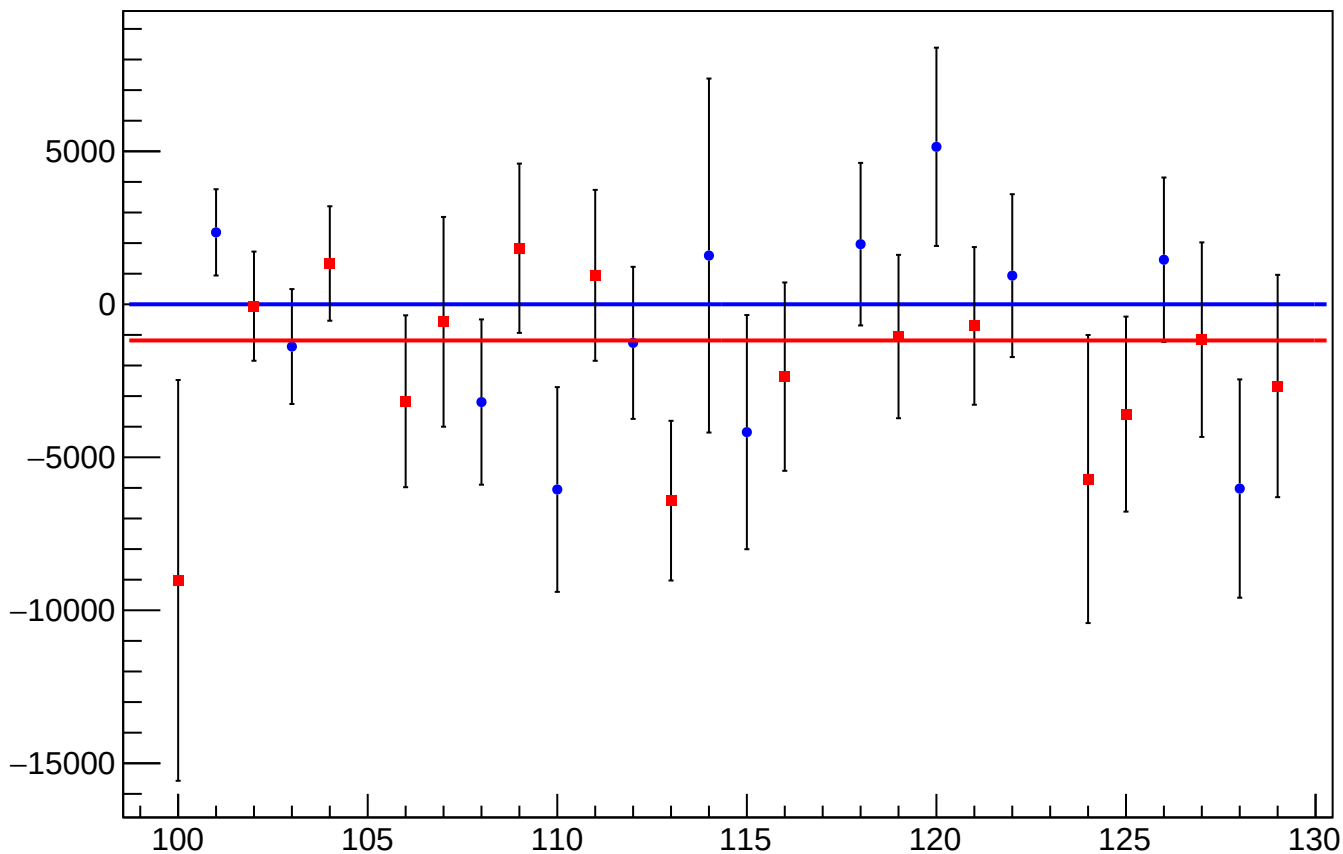
Right: 1100.470+/-0.235 χ^2/NDF : 18523.9/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1100.470+/-0.235 χ^2/NDF : 18523.9/26

asym_usr_cor_correction_mean vs Slug, Sign Corrected



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

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

Right Out: -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

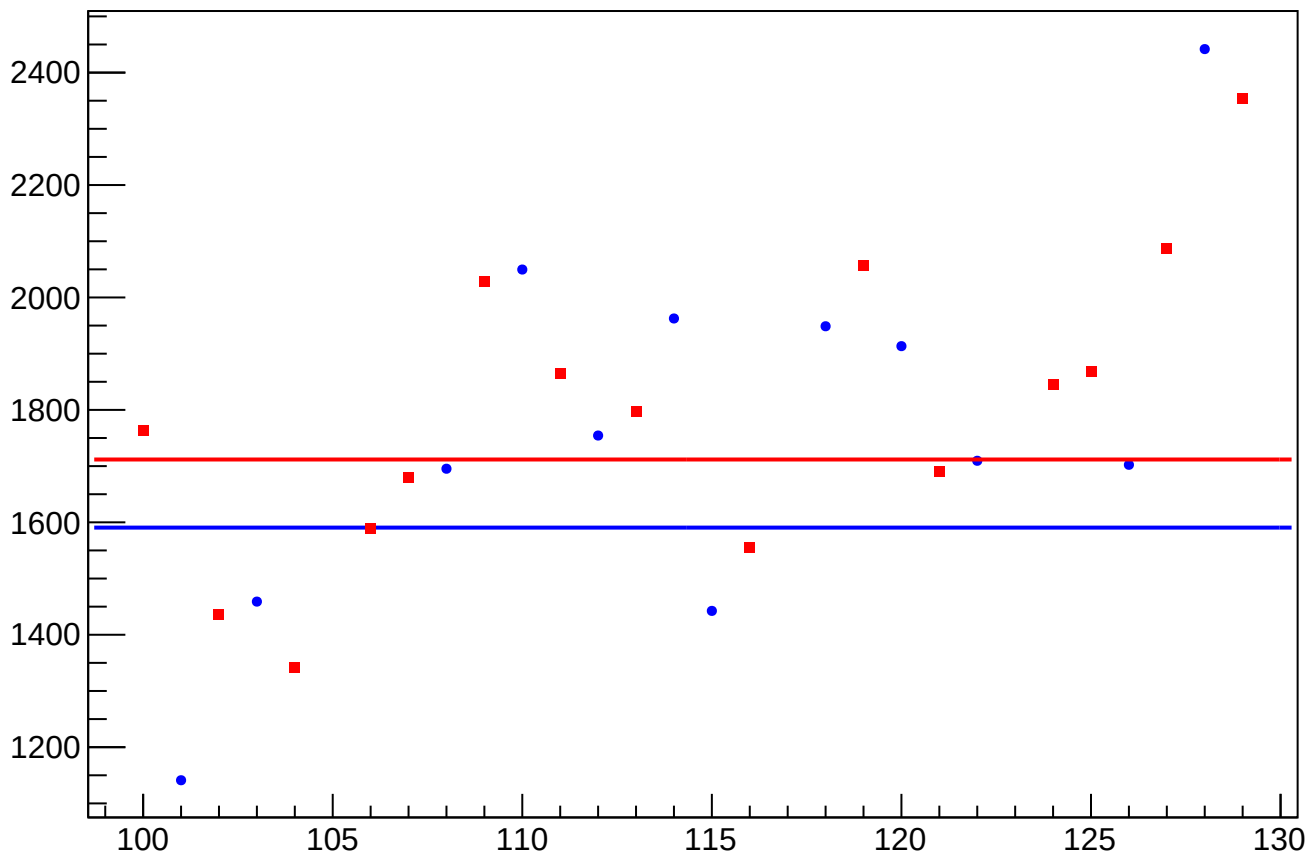
Right: -604.074+/-511.336 χ^2/NDF : 29.0/26

In: 0.592+/-731.549 χ^2/NDF : 15.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -604.074+/-511.336 χ^2/NDF : 29.0/26

asym_usr_cor_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 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

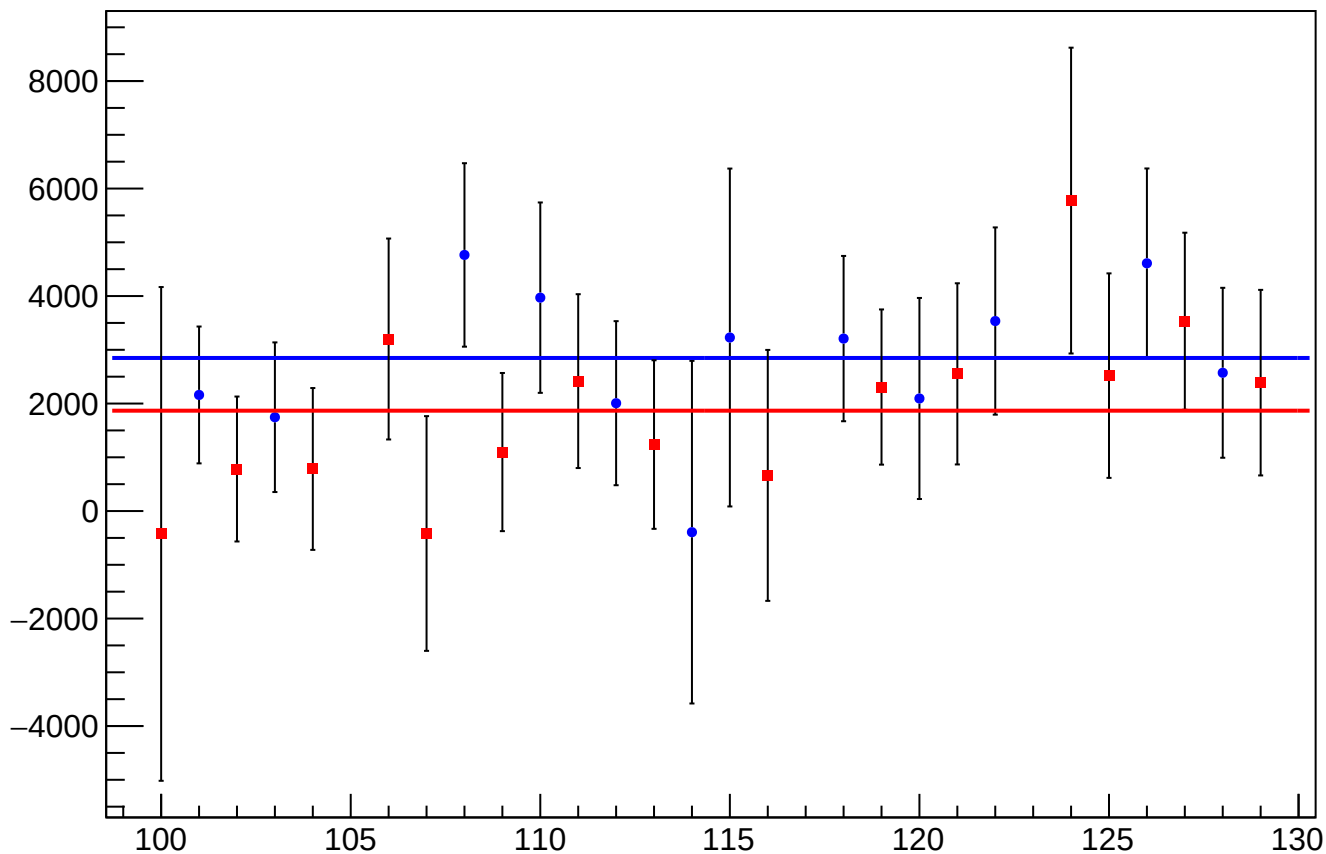
Right: 1652.571+/-0.362 χ^2/NDF : 779833.6/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1652.571+/-0.362 χ^2/NDF : 779833.6/26

overload_cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2848.100+/-488.874 χ^2/NDF : 5.3/11

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

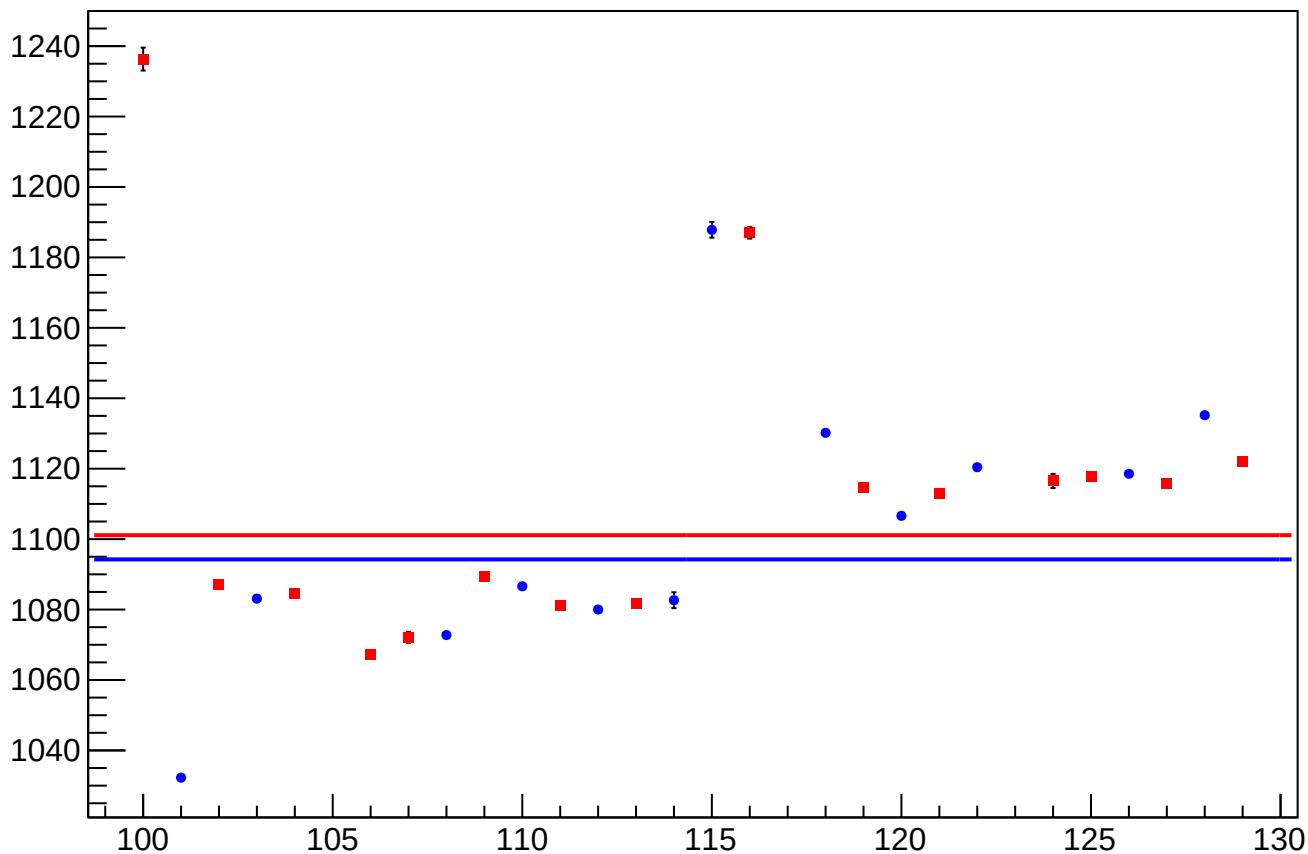
Right: 2318.799+/-331.693 χ^2/NDF : 14.7/26

In: 2848.100+/-488.874 χ^2/NDF : 5.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2318.799+/-331.693 χ^2/NDF : 14.7/26

overload_cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1094.242+/-0.346 χ^2/NDF : 10549.7/11

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

Right Out: 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

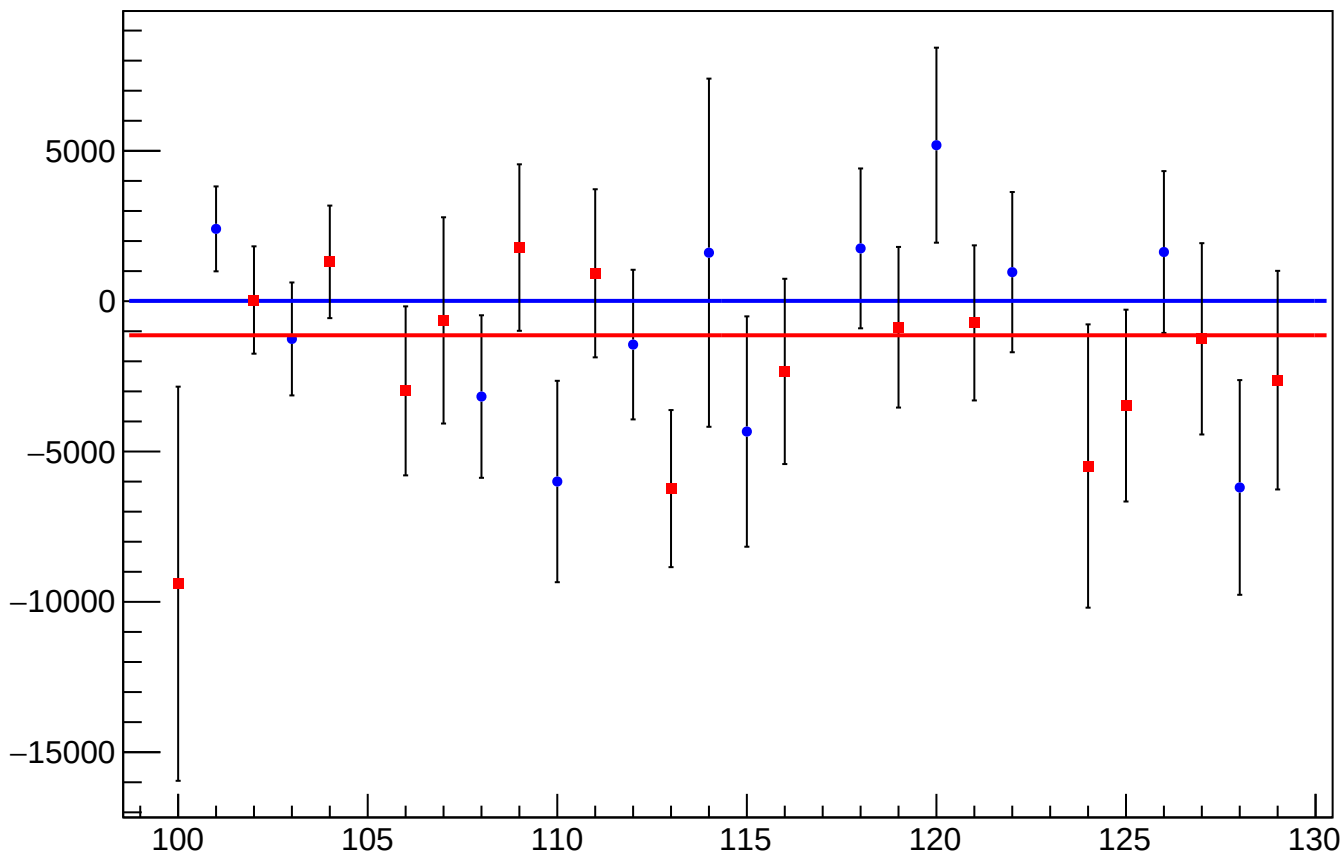
Right: 1097.955+/-0.235 χ^2/NDF : 18349.5/26

In: 1094.242+/-0.346 χ^2/NDF : 10549.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1097.955+/-0.235 χ^2/NDF : 18349.5/26

asym_usr_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 10.077+/-732.337 χ^2/NDF : 16.1/11

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

Right Out: -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

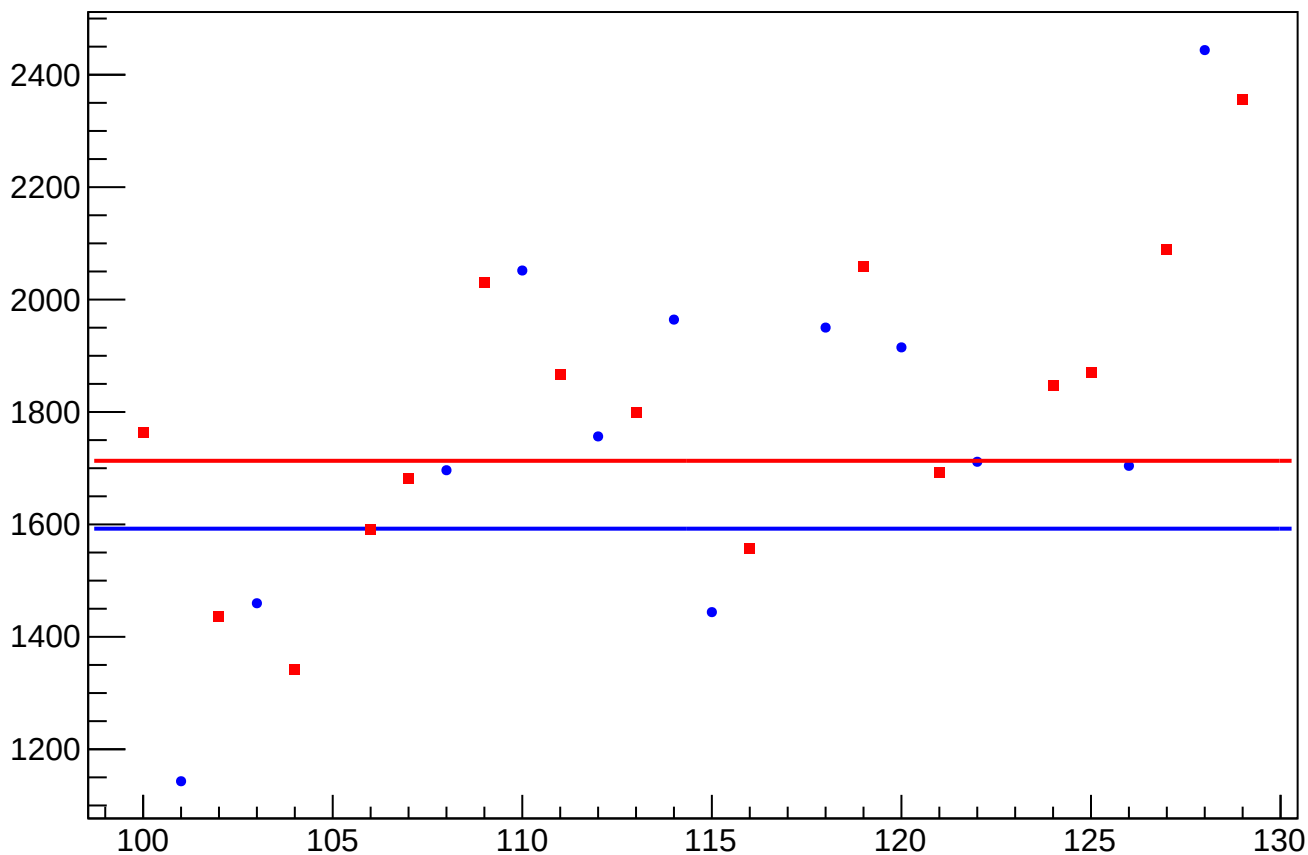
Right: -575.062+/-511.820 χ^2/NDF : 28.8/26

In: 10.077+/-732.337 χ^2/NDF : 16.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -575.062+/-511.820 χ^2/NDF : 28.8/26

asym_usr_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 1592.432+/-0.518 χ^2/NDF : 450234.8/11

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

Right Out: 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

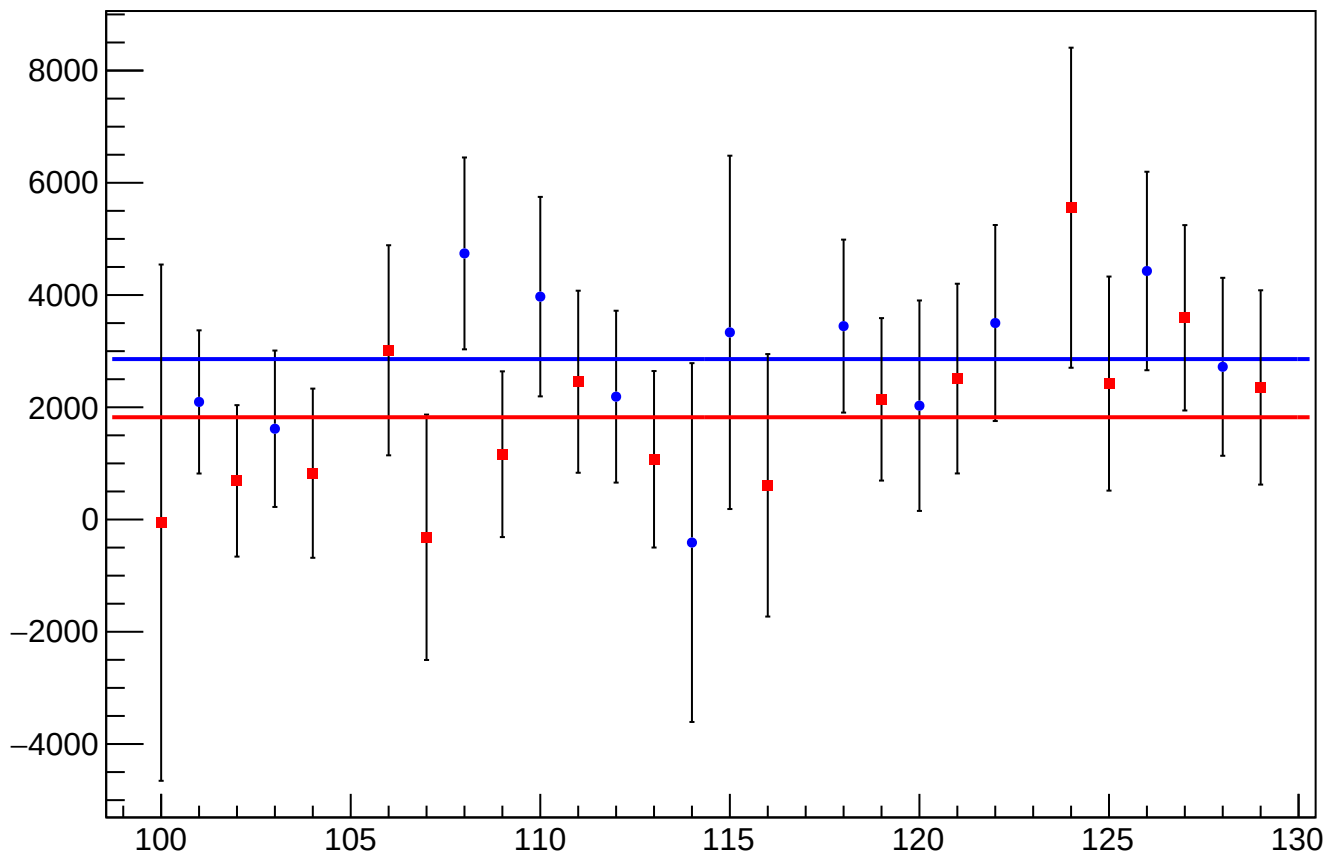
Right: 1654.201+/-0.362 χ^2/NDF : 778783.1/26

In: 1592.432+/-0.518 χ^2/NDF : 450234.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1654.201+/-0.362 χ^2/NDF : 778783.1/26

eigen_cor_asym_usr_mean vs Slug, Sign Corrected



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

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

Right Out: 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

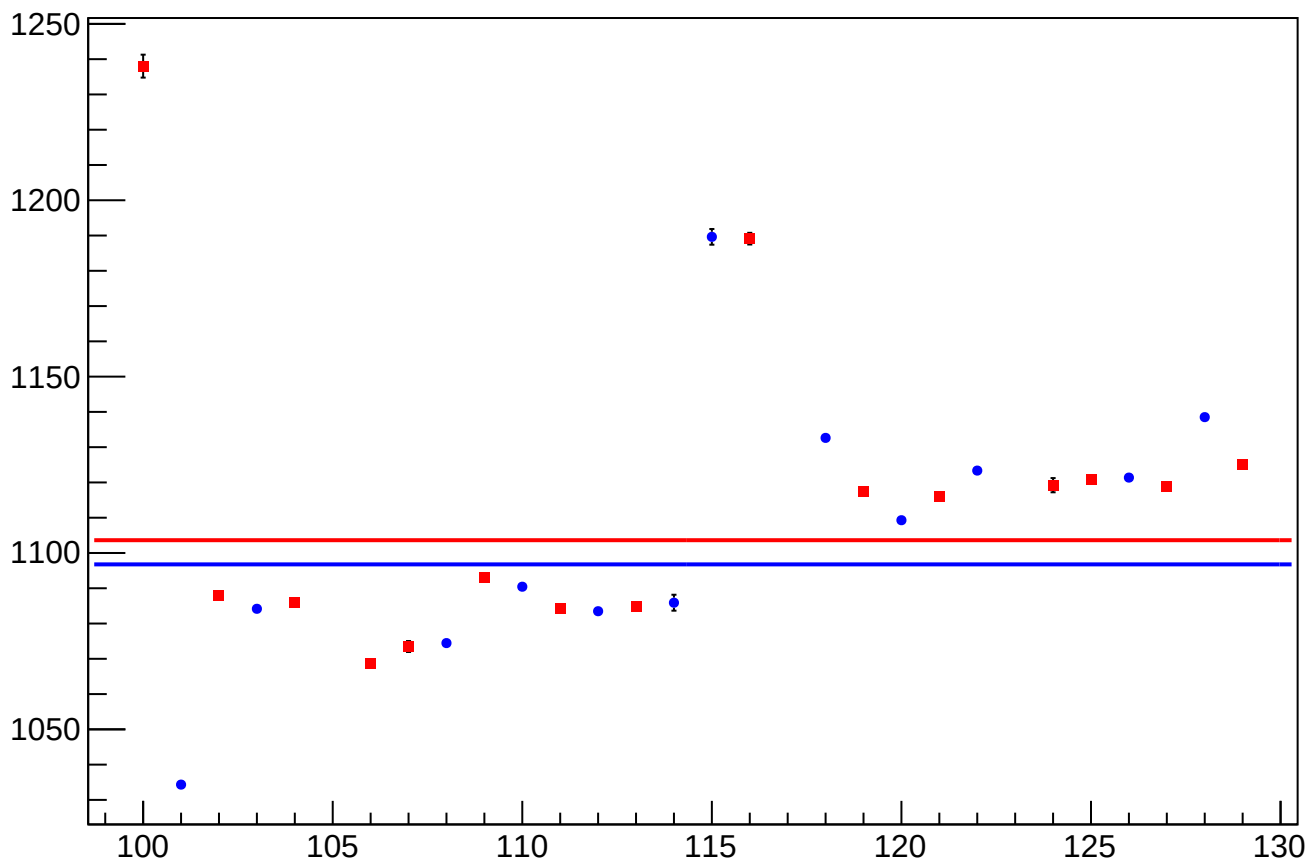
Right: 2299.598+/-332.454 χ^2/NDF : 14.5/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2299.598+/-332.454 χ^2/NDF : 14.5/26

eigen_cor_asym_usr_rms vs Slug, Sign Corrected



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

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

Right Out: 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

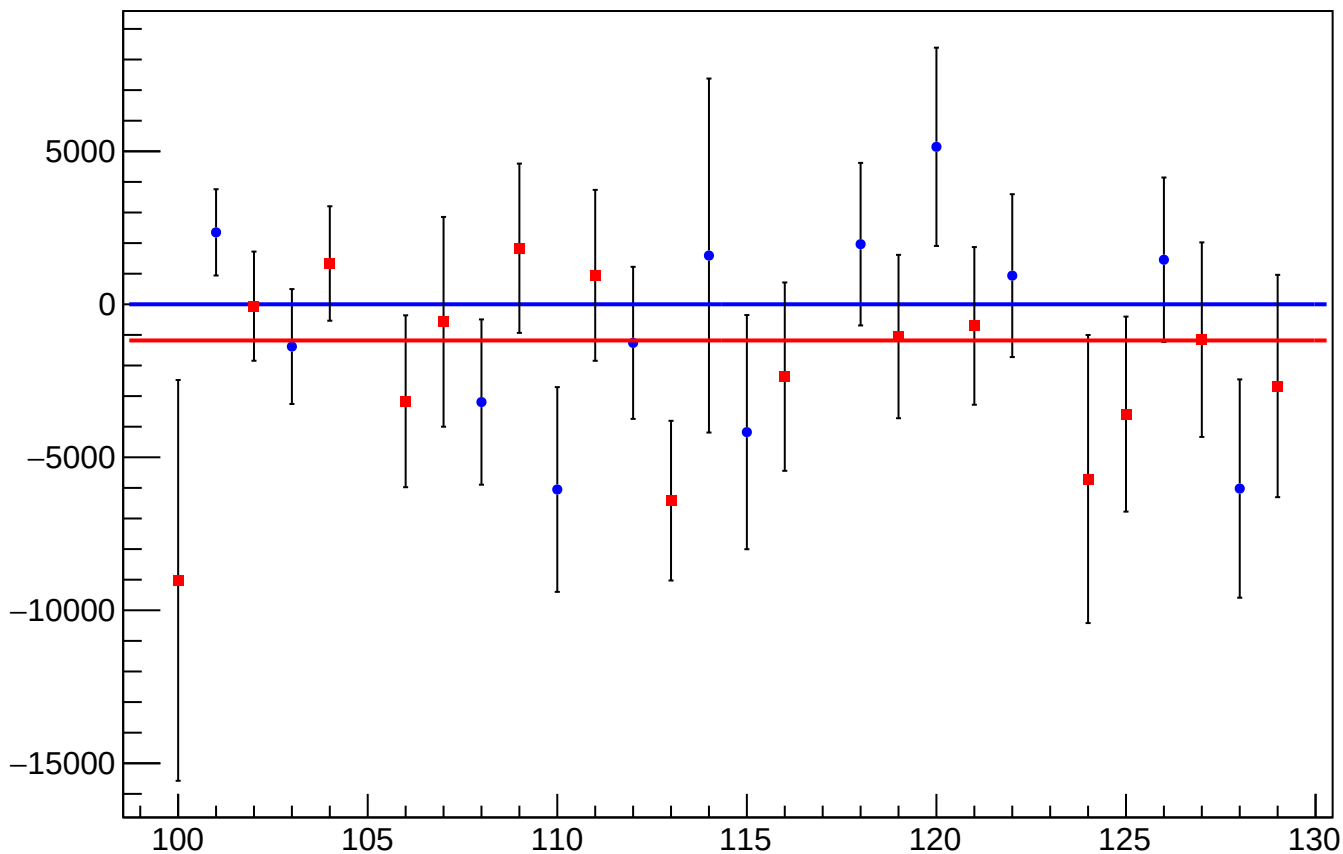
Right: 1100.470+/-0.235 χ^2/NDF : 18523.9/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1100.470+/-0.235 χ^2/NDF : 18523.9/26

asym_usr_eigen_cor_correction_mean vs Slug, Sign Corrected



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

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

Right Out: -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

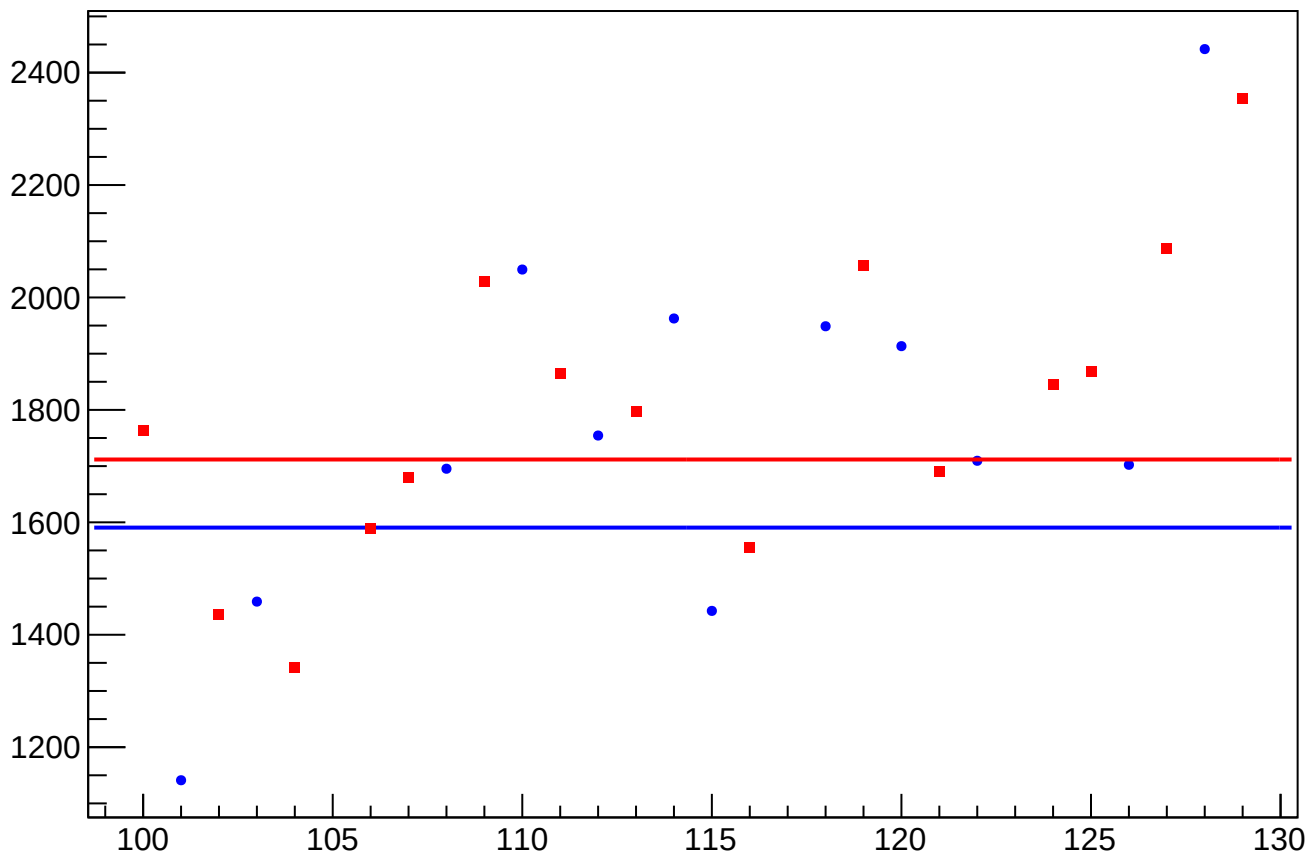
Right: -604.074+/-511.336 χ^2/NDF : 29.0/26

In: 0.592+/-731.549 χ^2/NDF : 15.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -604.074+/-511.336 χ^2/NDF : 29.0/26

asym_usr_eigen_cor_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 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

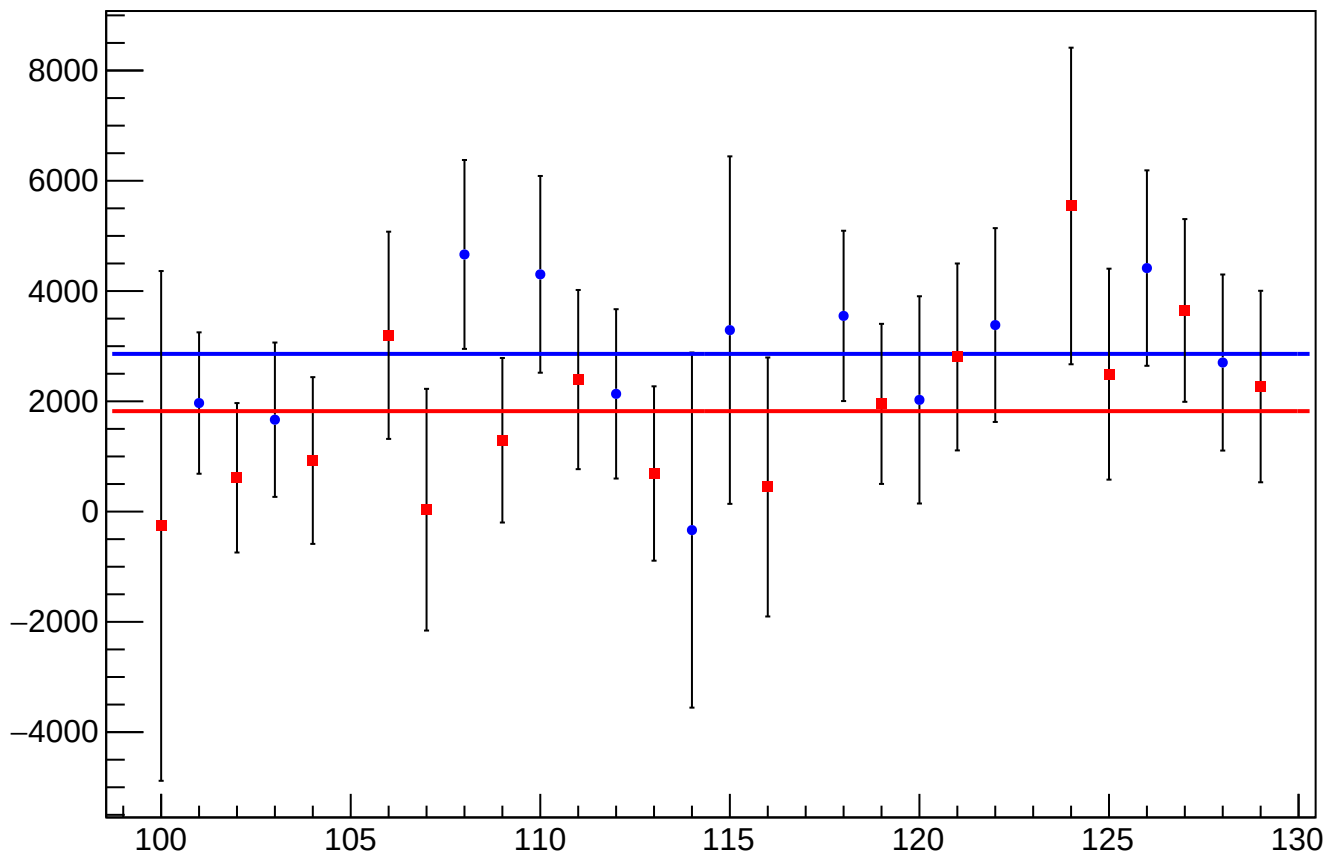
Right: 1652.571+/-0.362 χ^2/NDF : 779833.6/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1652.571+/-0.362 χ^2/NDF : 779833.6/26

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2860.197+/-491.984 χ^2/NDF : 5.5/11

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

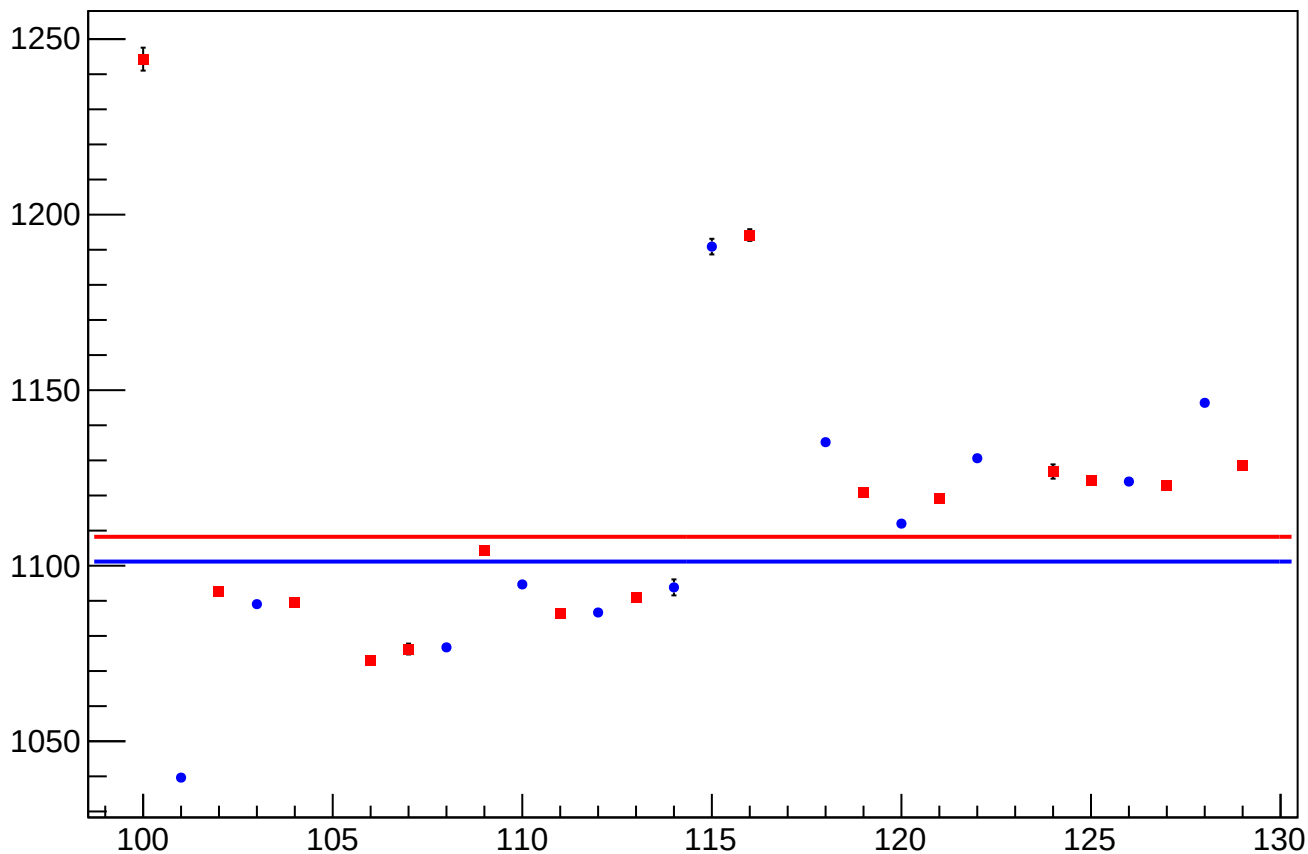
Right: 2299.959+/-333.829 χ^2/NDF : 15.0/26

In: 2860.197+/-491.984 χ^2/NDF : 5.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2299.959+/-333.829 χ^2/NDF : 15.0/26

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1101.182+/-0.348 χ^2/NDF : 10532.8/11

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

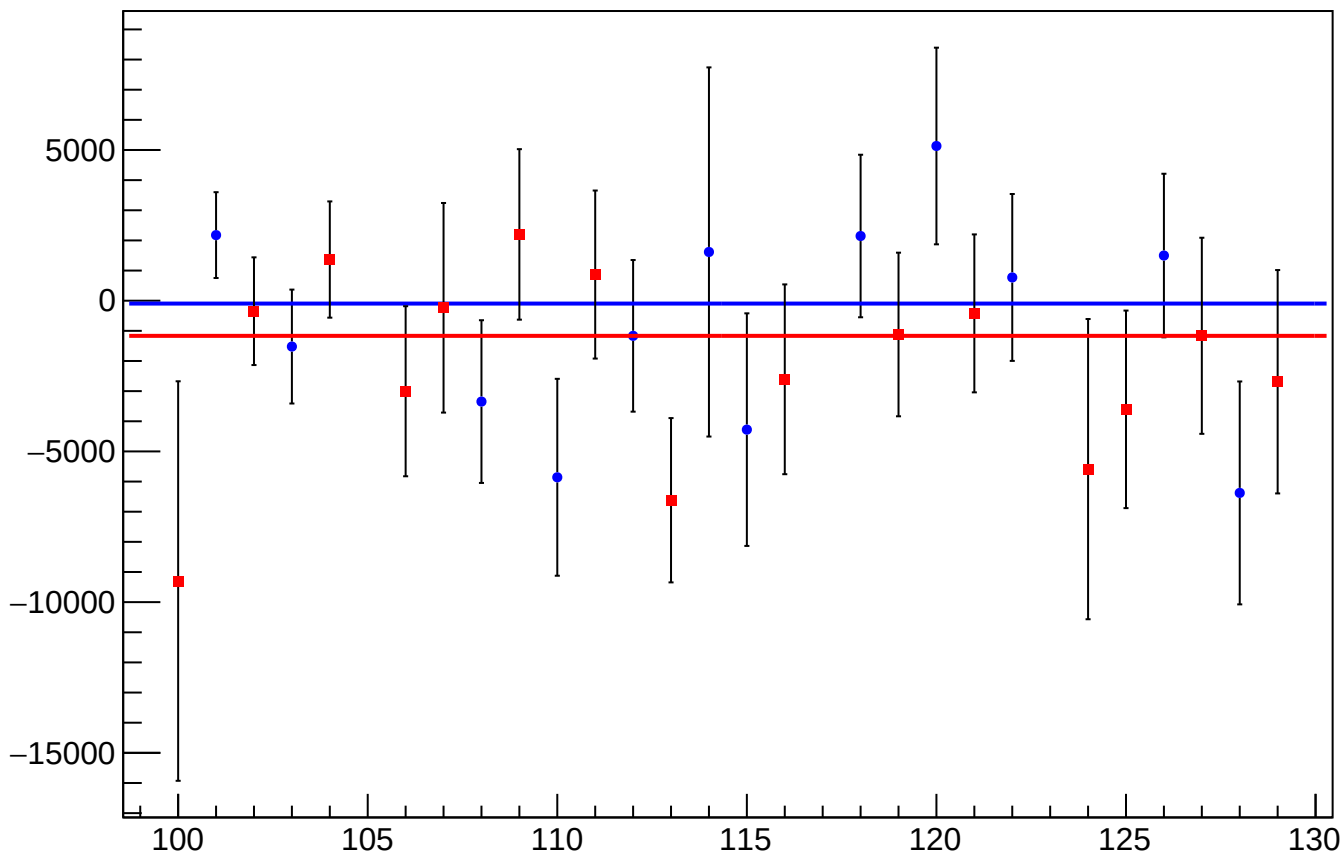
Right: 1104.990+/-0.236 χ^2/NDF : 18377.2/26

In: 1101.182+/-0.348 χ^2/NDF : 10532.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1104.990+/-0.236 χ^2/NDF : 18377.2/26

asym_usr_dit_correction_mean vs Slug, Sign Corrected



Right In: -95.121+/-739.748 χ^2/NDF : 15.7/11

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

Right Out: -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

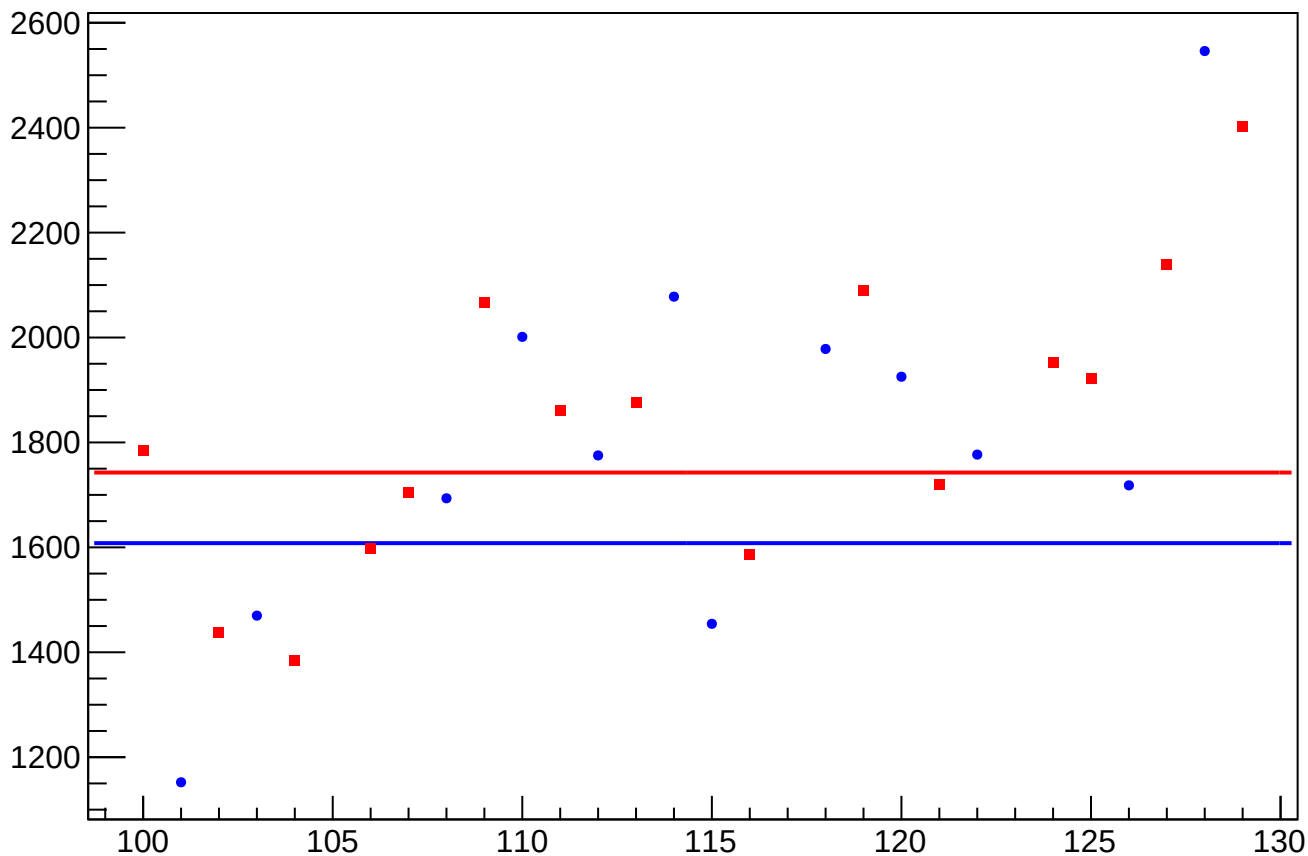
Right: -638.897+/-519.019 χ^2/NDF : 28.5/26

In: -95.121+/-739.748 χ^2/NDF : 15.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -638.897+/-519.019 χ^2/NDF : 28.5/26

asym_usr_dit_correction_rms vs Slug, Sign Corrected



Right In: 1608.012+/-0.523 χ^2/NDF : 466586.2/11

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

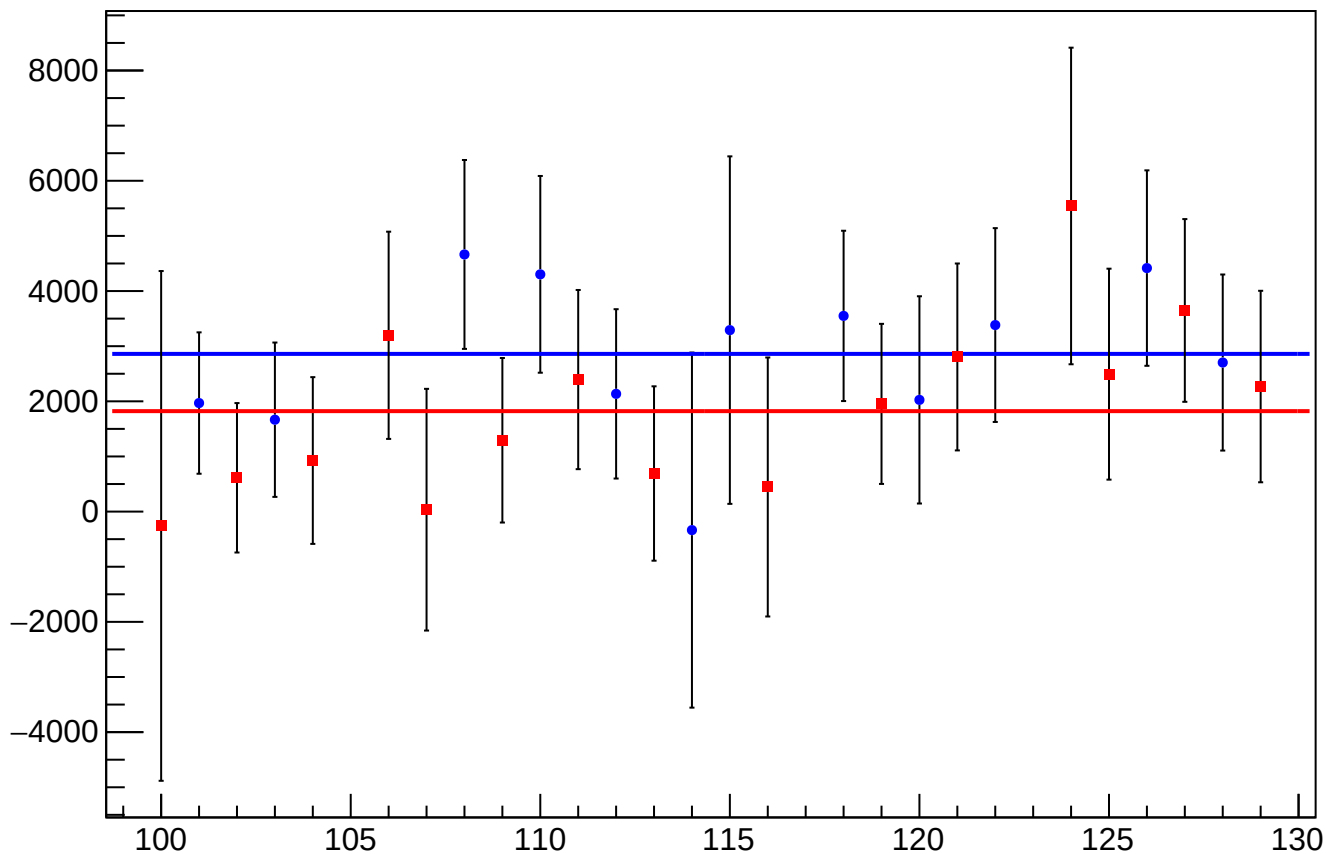
Right: 1676.365+/-0.367 χ^2/NDF : 808429.8/26

In: 1608.012+/-0.523 χ^2/NDF : 466586.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1676.365+/-0.367 χ^2/NDF : 808429.8/26

eigen_dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2860.201+/-491.984 χ^2/NDF : 5.5/11

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

Right Out: 1821.929+/-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

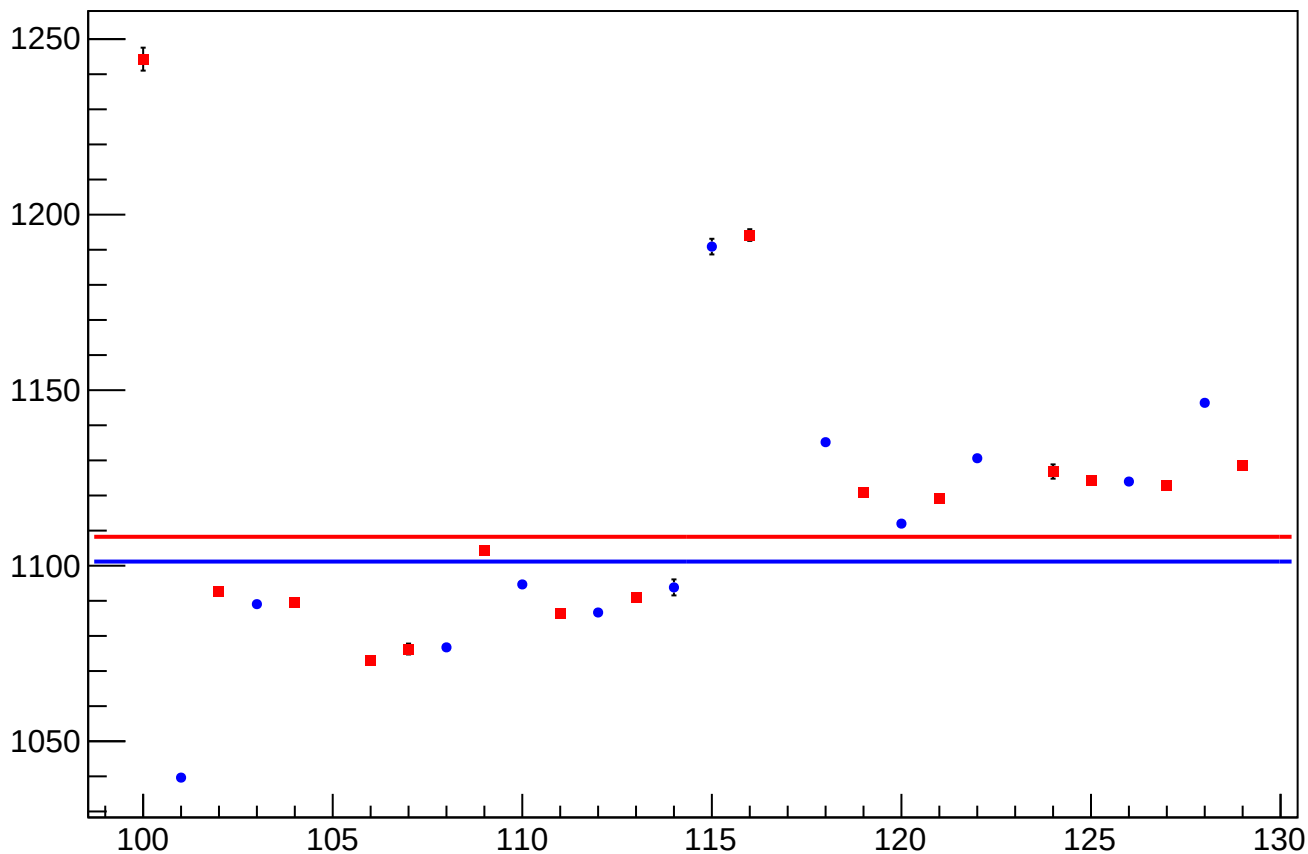
Right: 2299.962+/-333.829 χ^2/NDF : 15.0/26

In: 2860.201+/-491.984 χ^2/NDF : 5.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2299.962+/-333.829 χ^2/NDF : 15.0/26

eigen_dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1101.182+/-0.348 χ^2/NDF : 10532.7/11

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

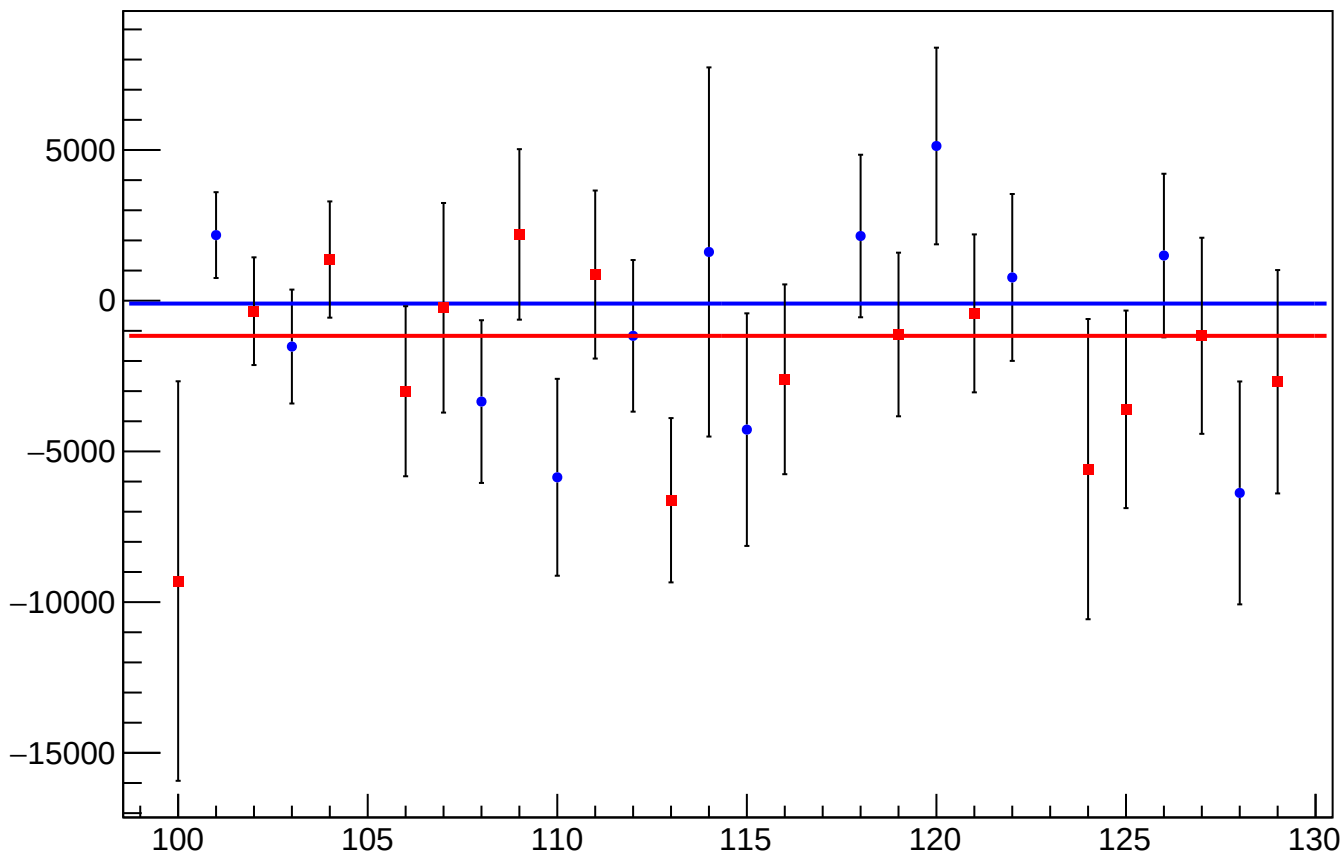
Right: 1104.990+/-0.236 χ^2/NDF : 18377.1/26

In: 1101.182+/-0.348 χ^2/NDF : 10532.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1104.990+/-0.236 χ^2/NDF : 18377.1/26

asym_usr_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -95.122 ± 739.747 χ^2/NDF : 15.7/11

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

Right Out: -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

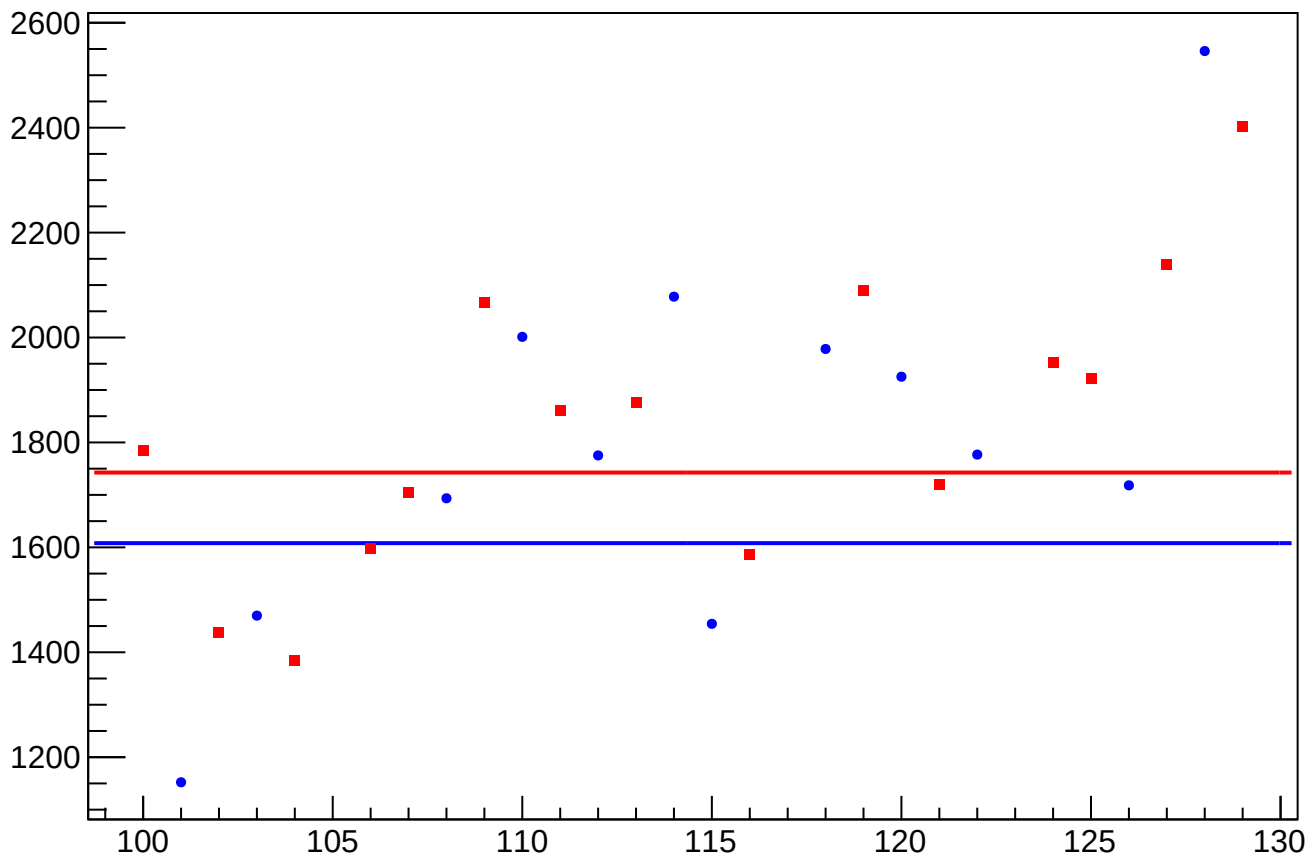
Right: -638.898 ± 519.018 χ^2/NDF : 28.5/26

In: -95.122 ± 739.747 χ^2/NDF : 15.7/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -638.898 ± 519.018 χ^2/NDF : 28.5/26

asym_usr_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1608.009+/-0.523 χ^2/NDF : 466577.5/11

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

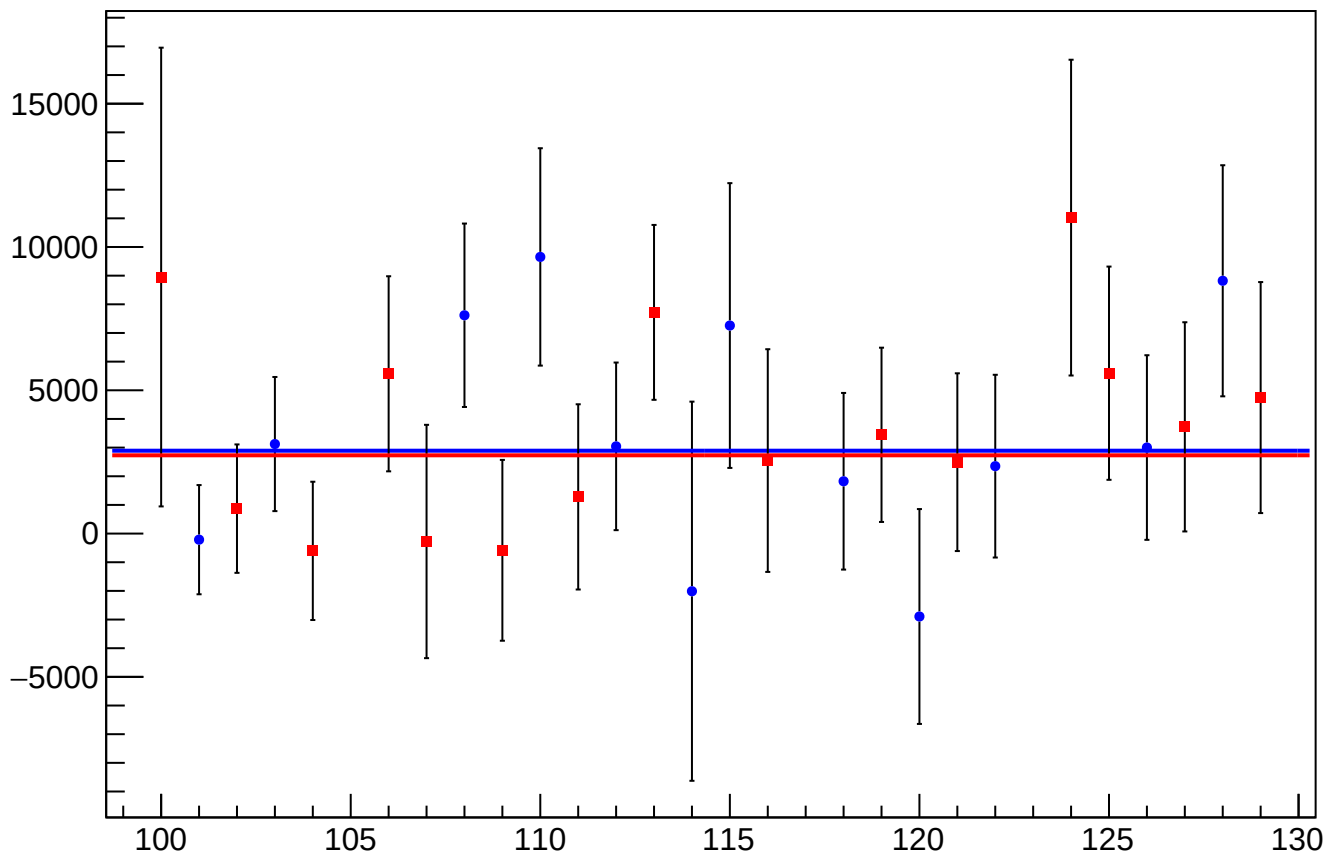
Right: 1676.363+/-0.367 χ^2/NDF : 808411.8/26

In: 1608.009+/-0.523 χ^2/NDF : 466577.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1676.363+/-0.367 χ^2/NDF : 808411.8/26

asym_usr_mean vs Slug, Sign Corrected



Right In: 2891.737+/-898.665 χ^2/NDF : 14.0/11

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

Right Out: 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

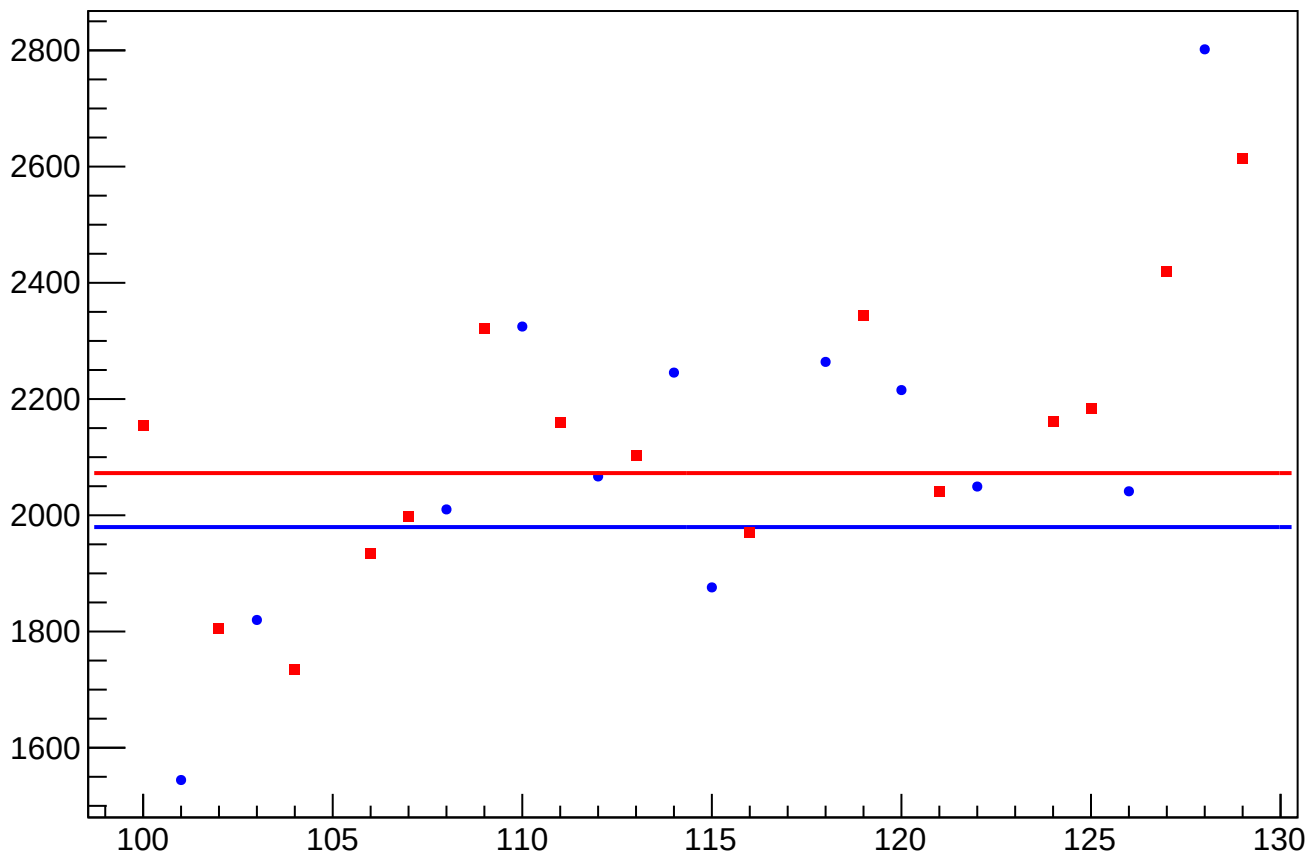
Right: 2807.867+/-620.730 χ^2/NDF : 25.7/26

In: 2891.737+/-898.665 χ^2/NDF : 14.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2807.867+/-620.730 χ^2/NDF : 25.7/26

asym_usr_rms vs Slug, Sign Corrected



Right In: 1979.709+/-0.635 χ^2/NDF : 246061.4/11

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

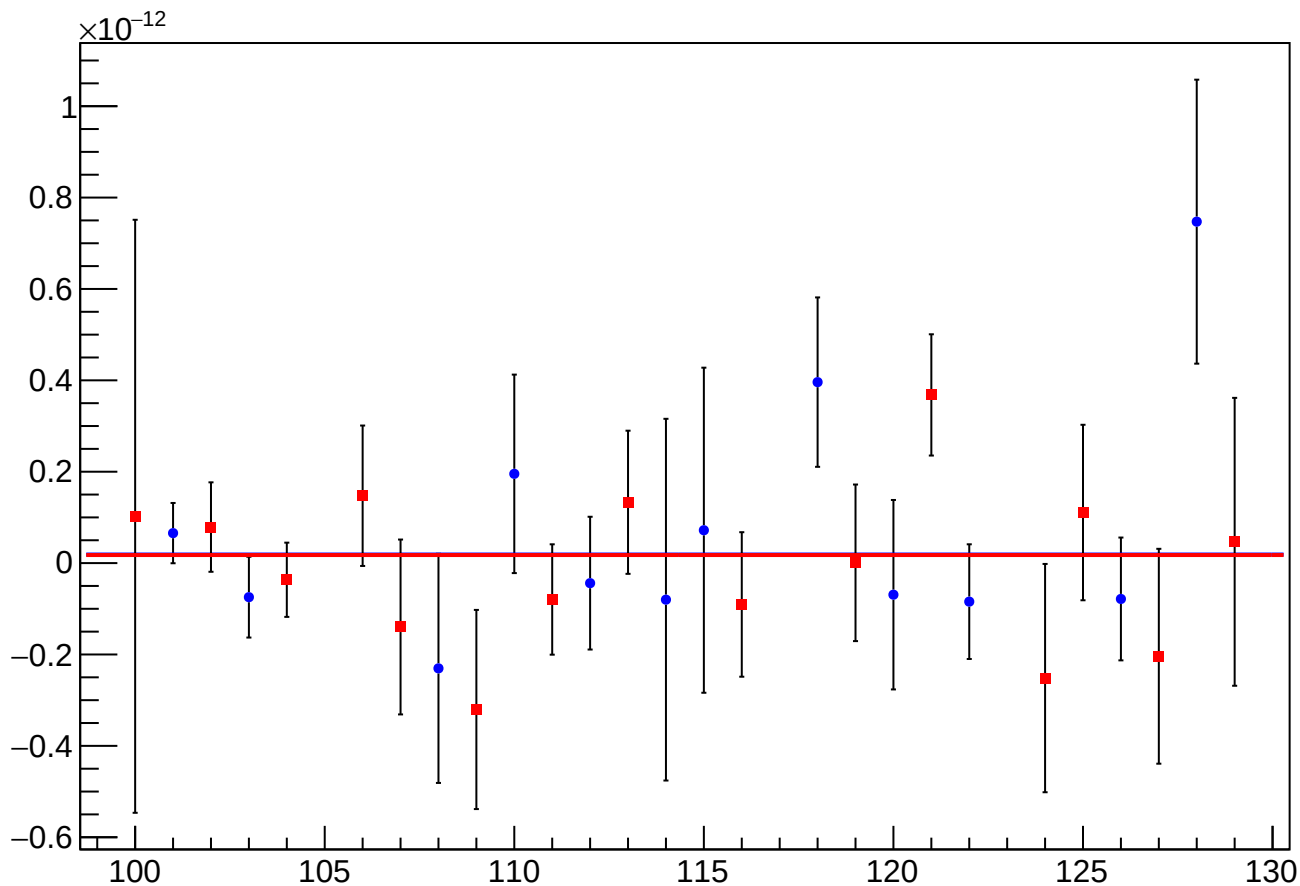
Right: 2028.280+/-0.439 χ^2/NDF : 417270.4/26

In: 1979.709+/-0.635 χ^2/NDF : 246061.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2028.280+/-0.439 χ^2/NDF : 417270.4/26

asym_usr_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.6/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 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

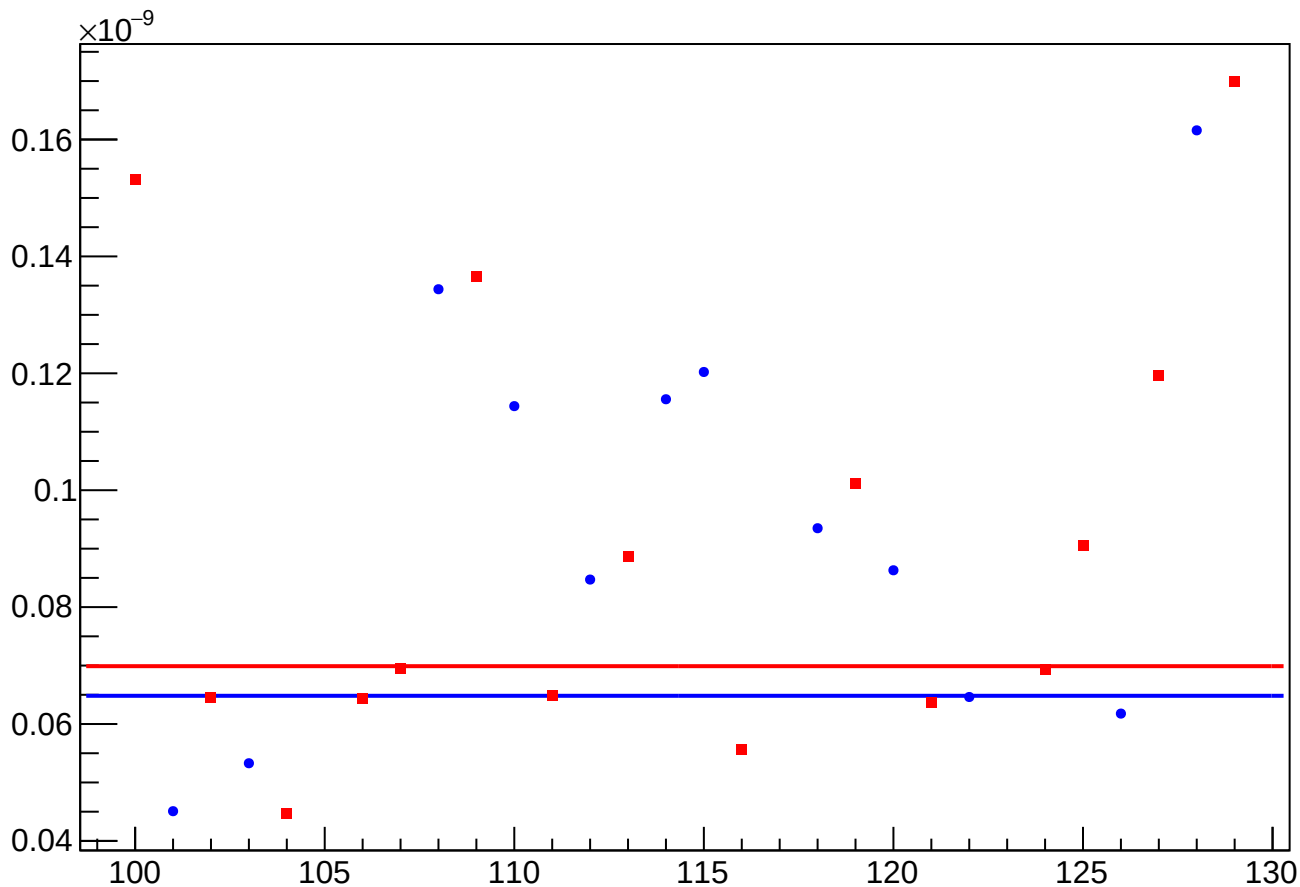
Right: 0.000+/-0.000 χ^2/NDF : 30.1/26

In: 0.000+/-0.000 χ^2/NDF : 14.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.1/26

asym_usr_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 854122.1/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 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

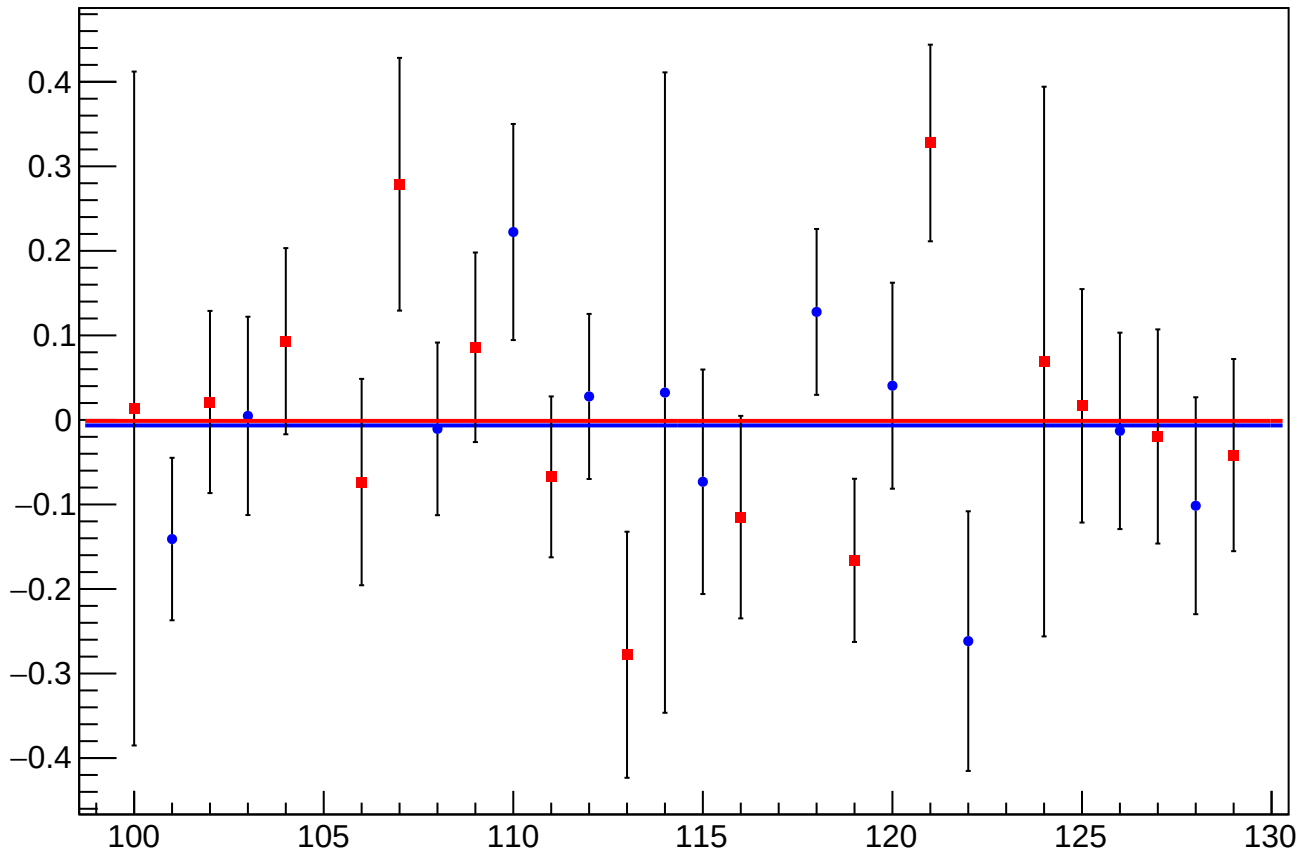
Right: 0.000+/-0.000 χ^2/NDF : 1725157.5/26

In: 0.000+/-0.000 χ^2/NDF : 854122.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1725157.5/26

asym_usr_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.034 χ^2 /NDF: 10.9/11

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

Right Out: -0.001 $\pm$ 0.032 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

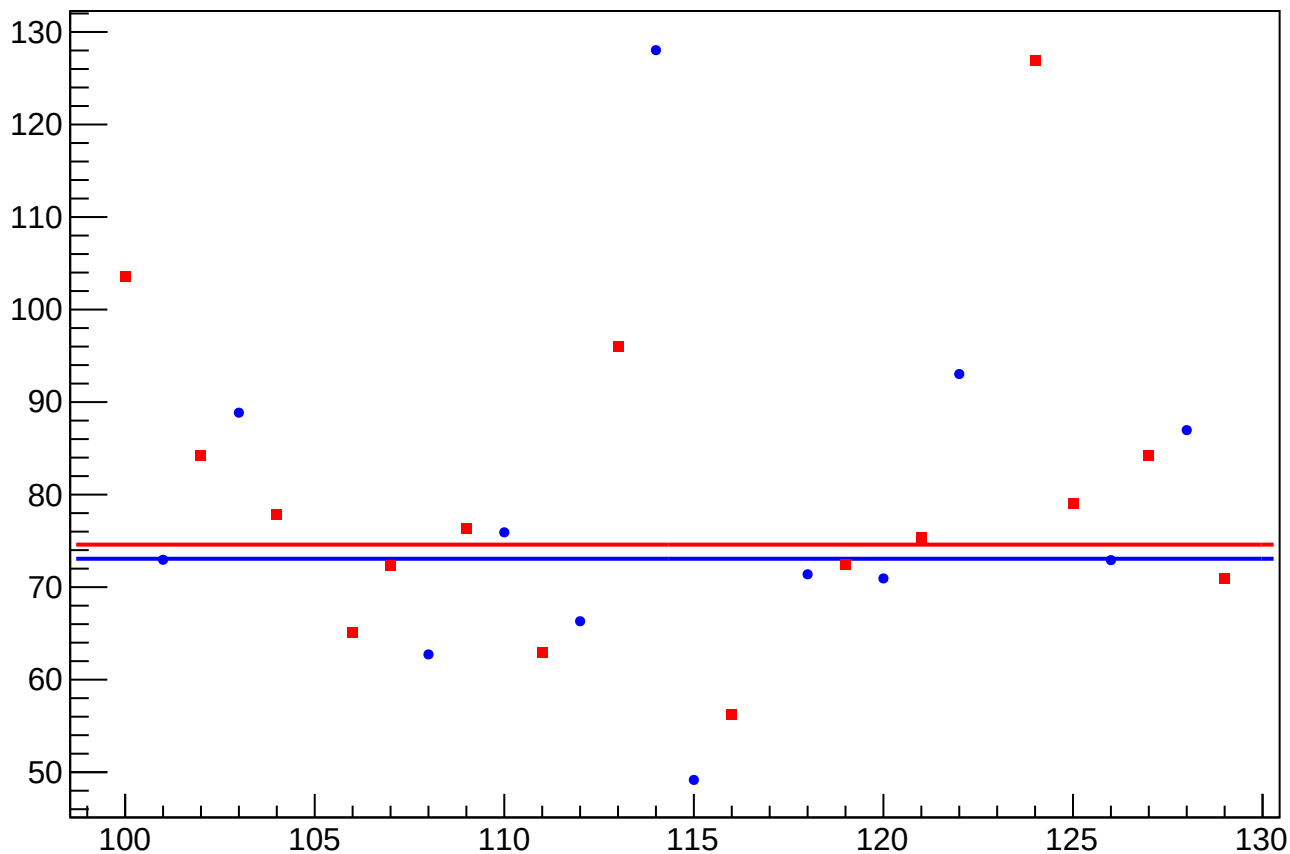
Right: -0.004 $\pm$ 0.023 χ^2 /NDF: 32.3/26

In: -0.006 $\pm$ 0.034 χ^2 /NDF:10.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.023 χ^2 /NDF: 32.3/26

asym_usr_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.069+/-0.024 χ^2/NDF : 232672.2/11

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

Right Out: 74.596+/-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

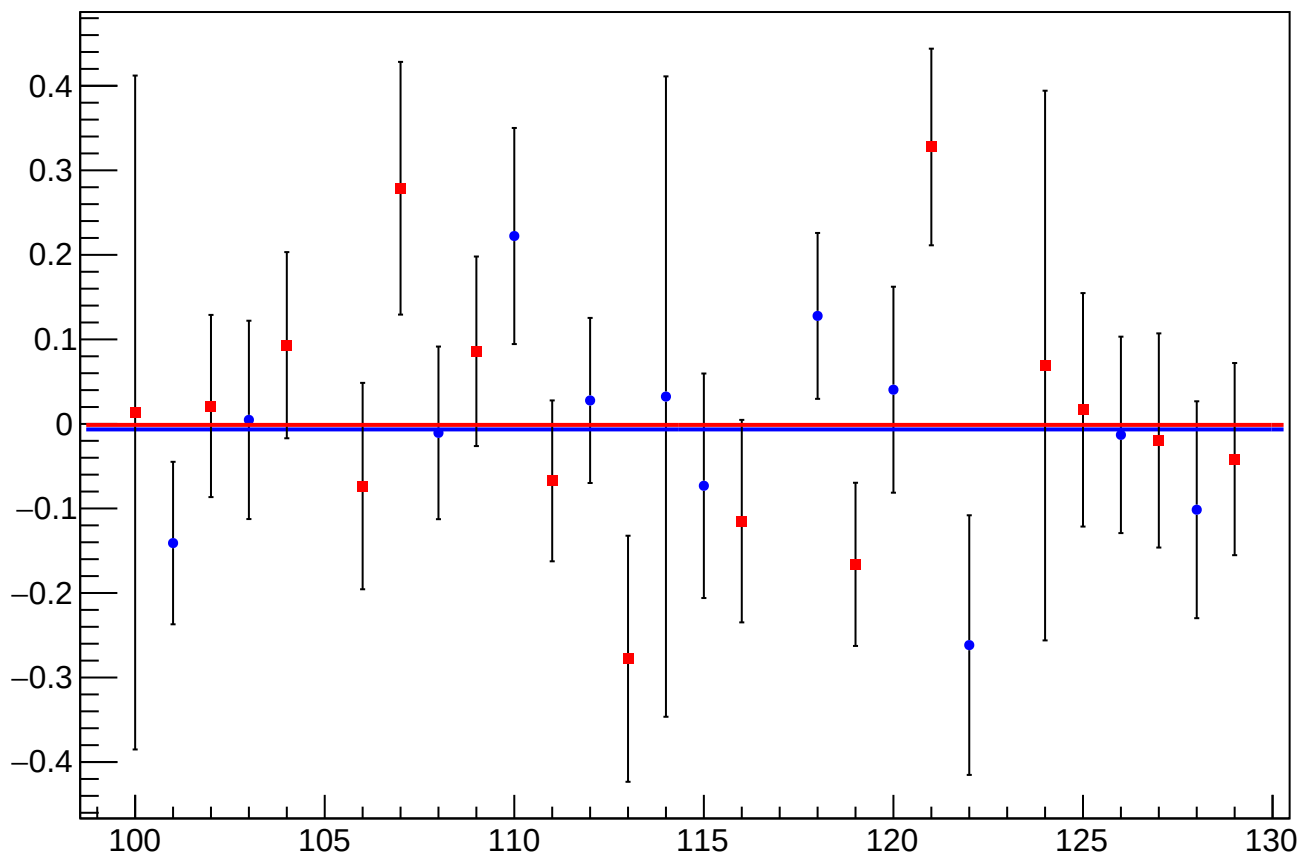
Right: 73.883+/-0.017 χ^2/NDF : 465169.3/26

In: 73.069+/-0.024 χ^2/NDF : 232672.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.883+/-0.017 χ^2/NDF : 465169.3/26

asym_usr_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 ± 0.034 χ^2/NDF : 10.9/11

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

Right Out: -0.001 ± 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

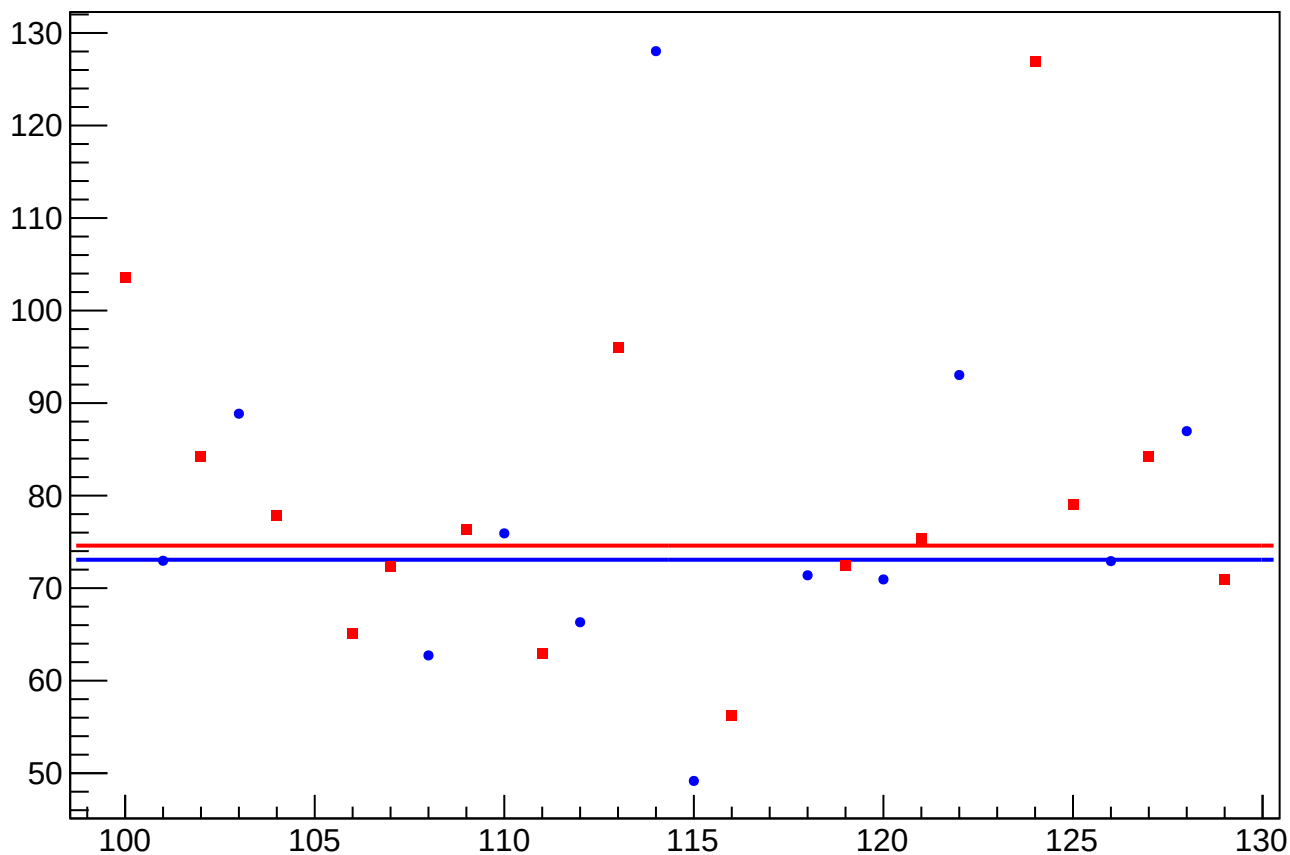
Right: -0.004 ± 0.023 χ^2/NDF : 32.3/26

In: -0.006 ± 0.034 χ^2/NDF : 10.9/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.004 ± 0.023 χ^2/NDF : 32.3/26

asym_usr_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.069+/-0.024 χ^2/NDF : 232672.2/11

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

Right Out: 74.596+/-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

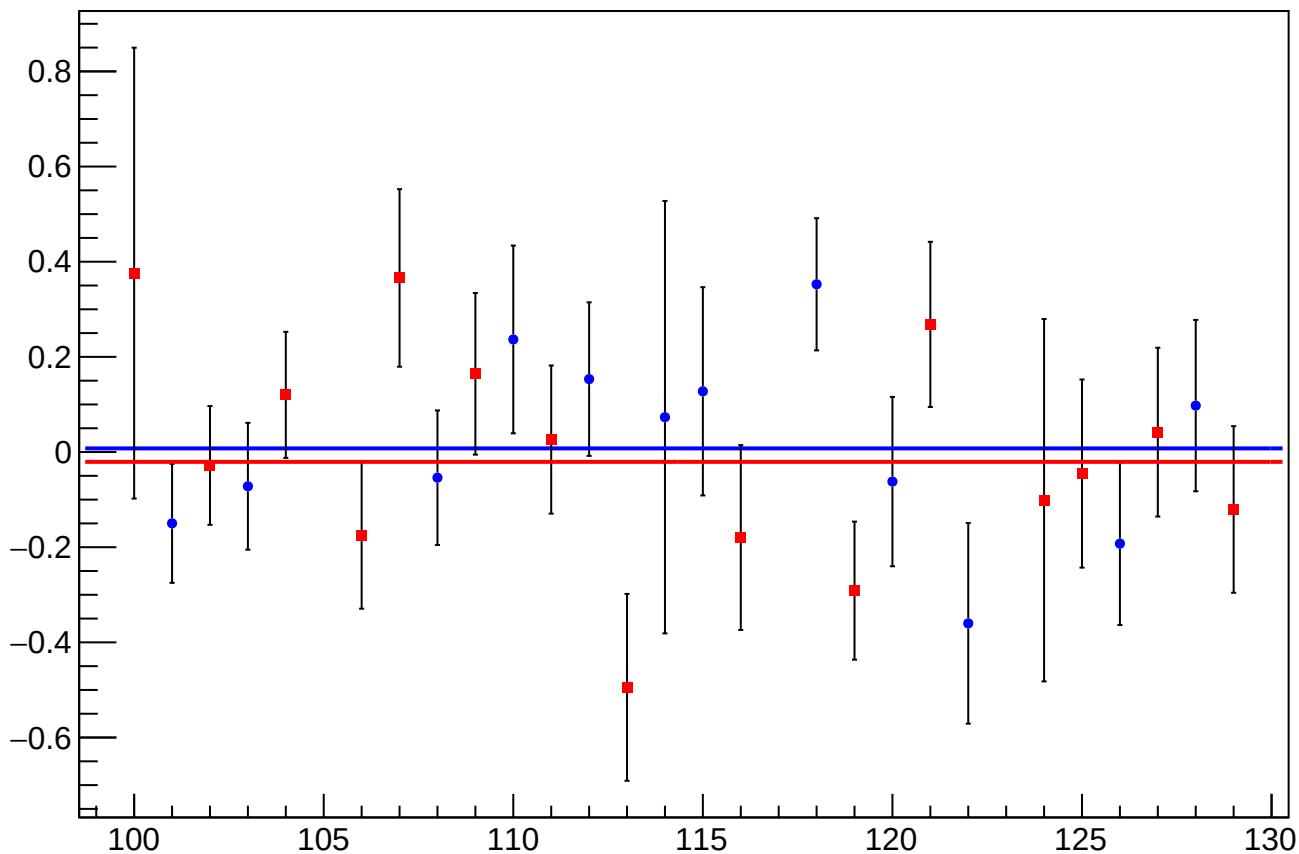
Right: 73.883+/-0.017 χ^2/NDF : 465169.3/26

In: 73.069+/-0.024 χ^2/NDF : 232672.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.883+/-0.017 χ^2/NDF : 465169.3/26

asym_usr_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008+/-0.048 χ^2/NDF : 15.6/11

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

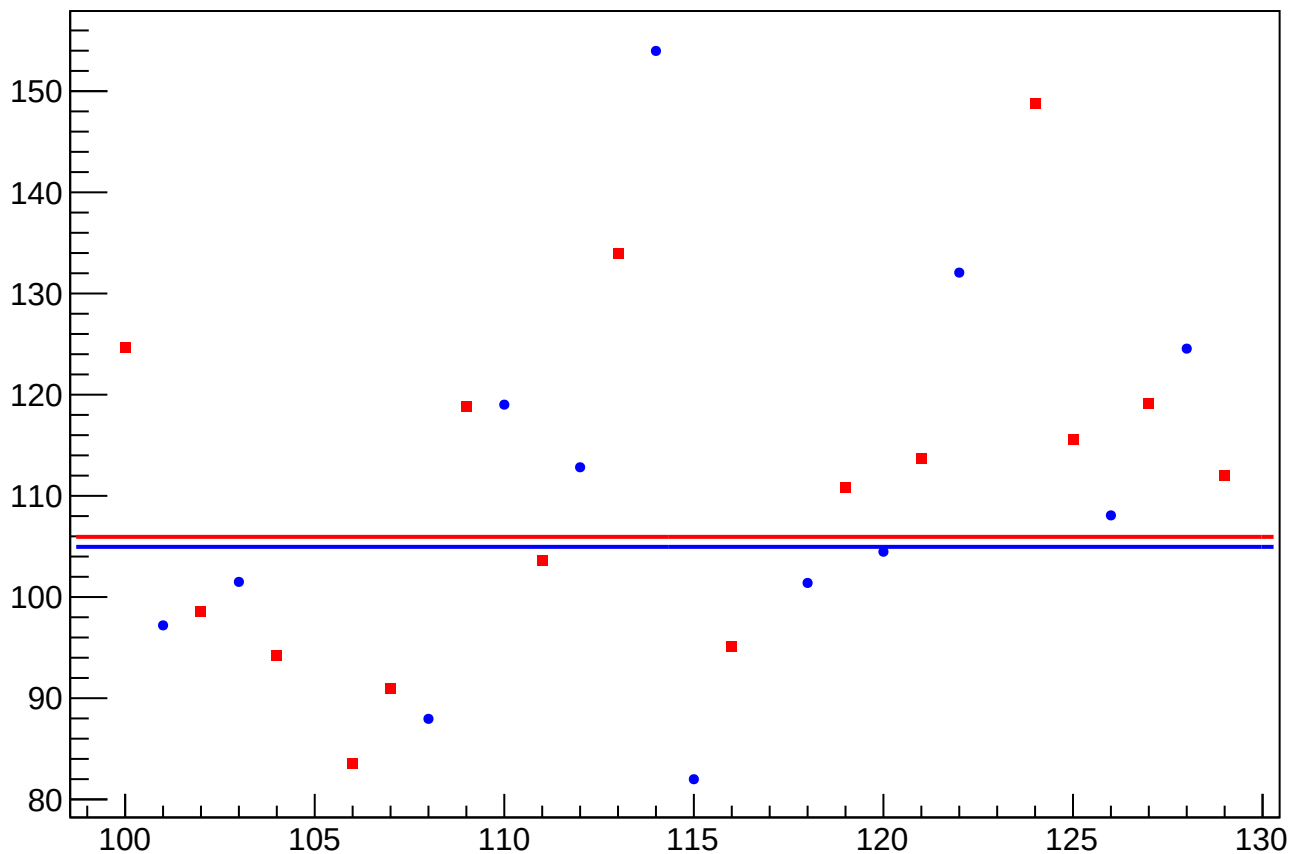
Right: -0.008+/-0.033 χ^2/NDF : 37.4/26

In: 0.008+/-0.048 χ^2/NDF : 15.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.033 χ^2/NDF : 37.4/26

asym_usr_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 104.958+/-0.034 χ^2/NDF : 156925.0/11

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

Right Out: 105.948+/-0.032 χ^2/NDF : 190042.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

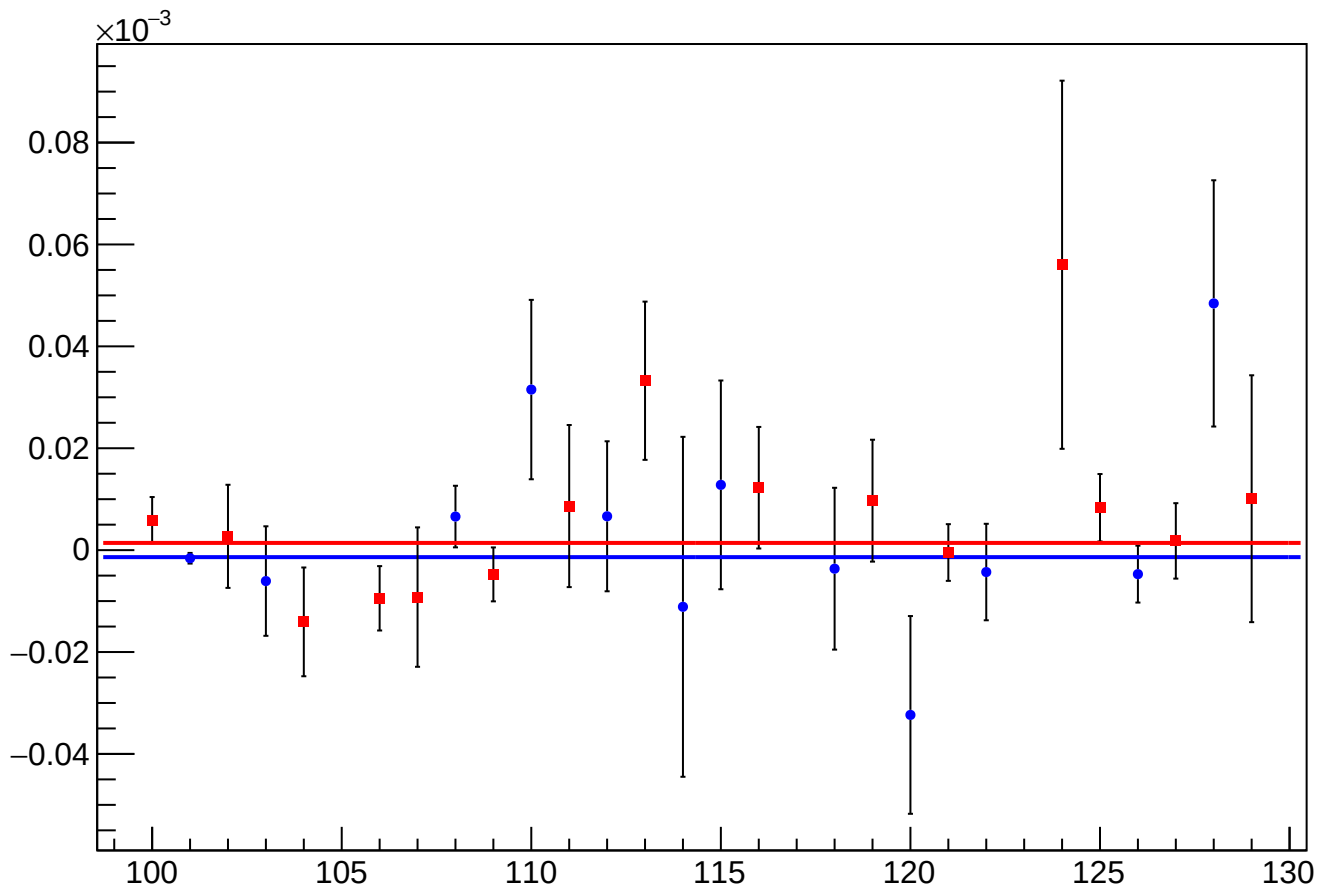
Right: 105.491+/-0.023 χ^2/NDF : 347422.1/26

In: 104.958+/-0.034 χ^2/NDF :156925.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 105.491+/-0.023 χ^2/NDF : 347422.1/26

asym_usr_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.6/11

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

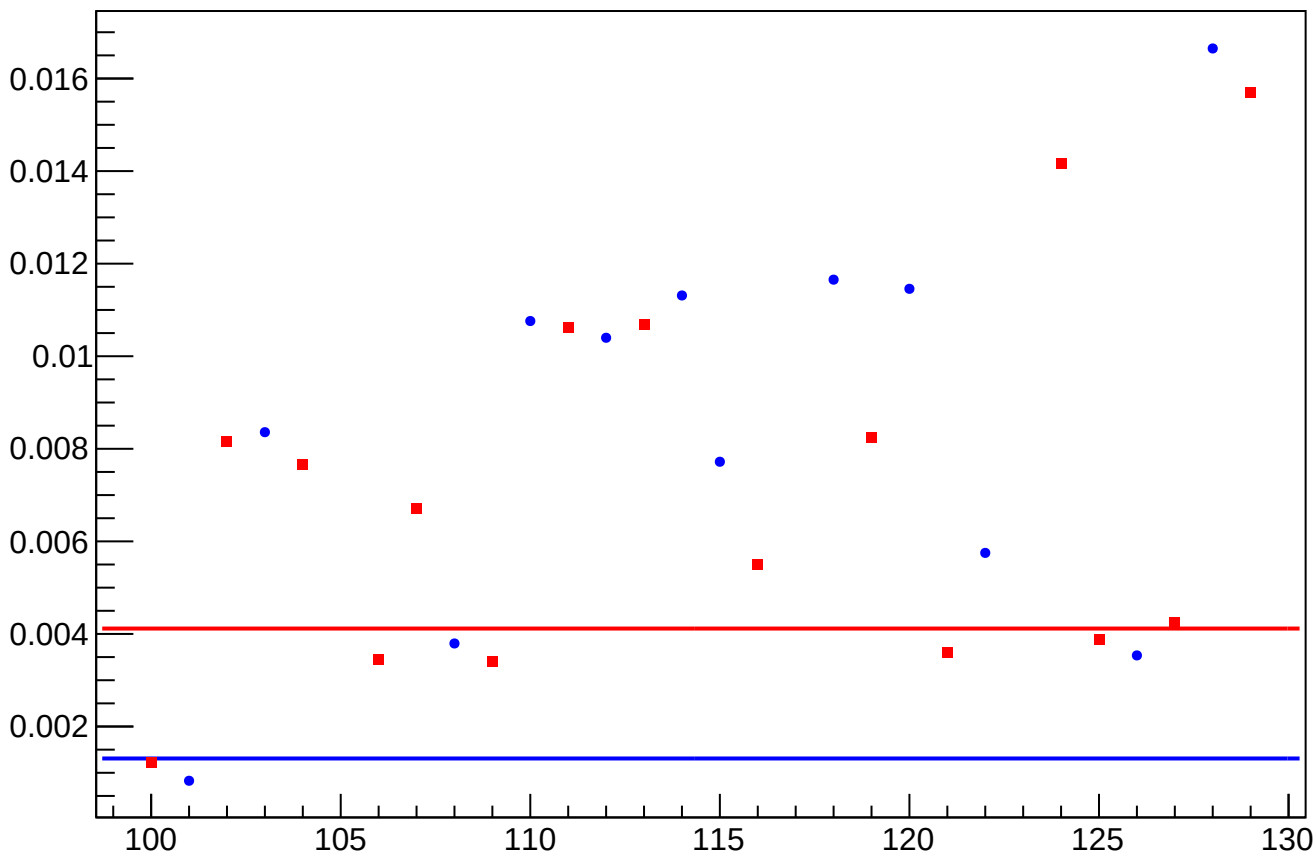
Right: -0.000+/-0.000 χ^2/NDF : 32.4/26

In: -0.000+/-0.000 χ^2/NDF : 13.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.4/26

asym_usr_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 6296388.3/11

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

Right Out: 0.004+/-0.000 χ^2/NDF : 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

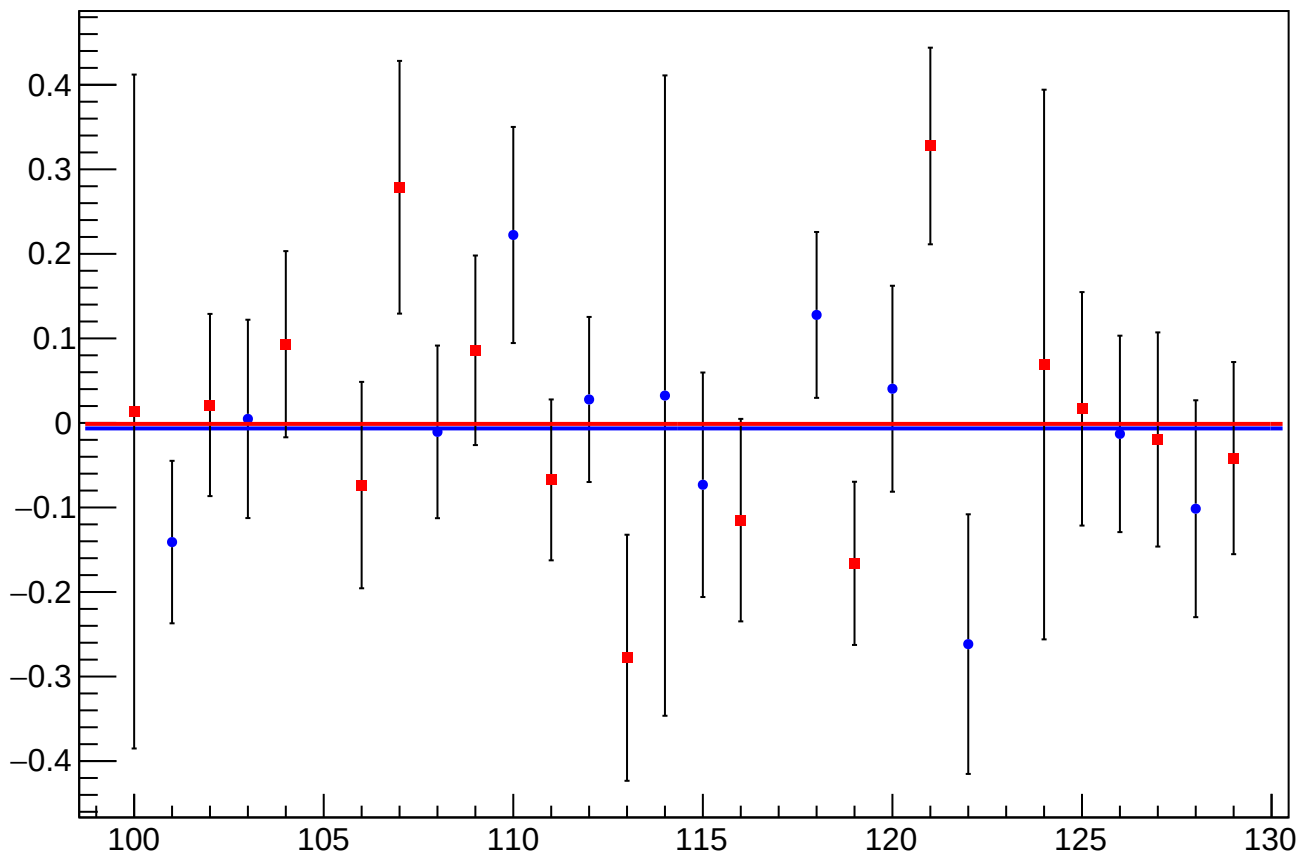
Right: 0.002+/-0.000 χ^2/NDF : 12342453.4/26

In: 0.001+/-0.000 χ^2/NDF :6296388.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 12342453.4/26

asym_usr_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.034 χ^2 /NDF: 10.9/11

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

Right Out: -0.001 $\pm$ 0.032 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

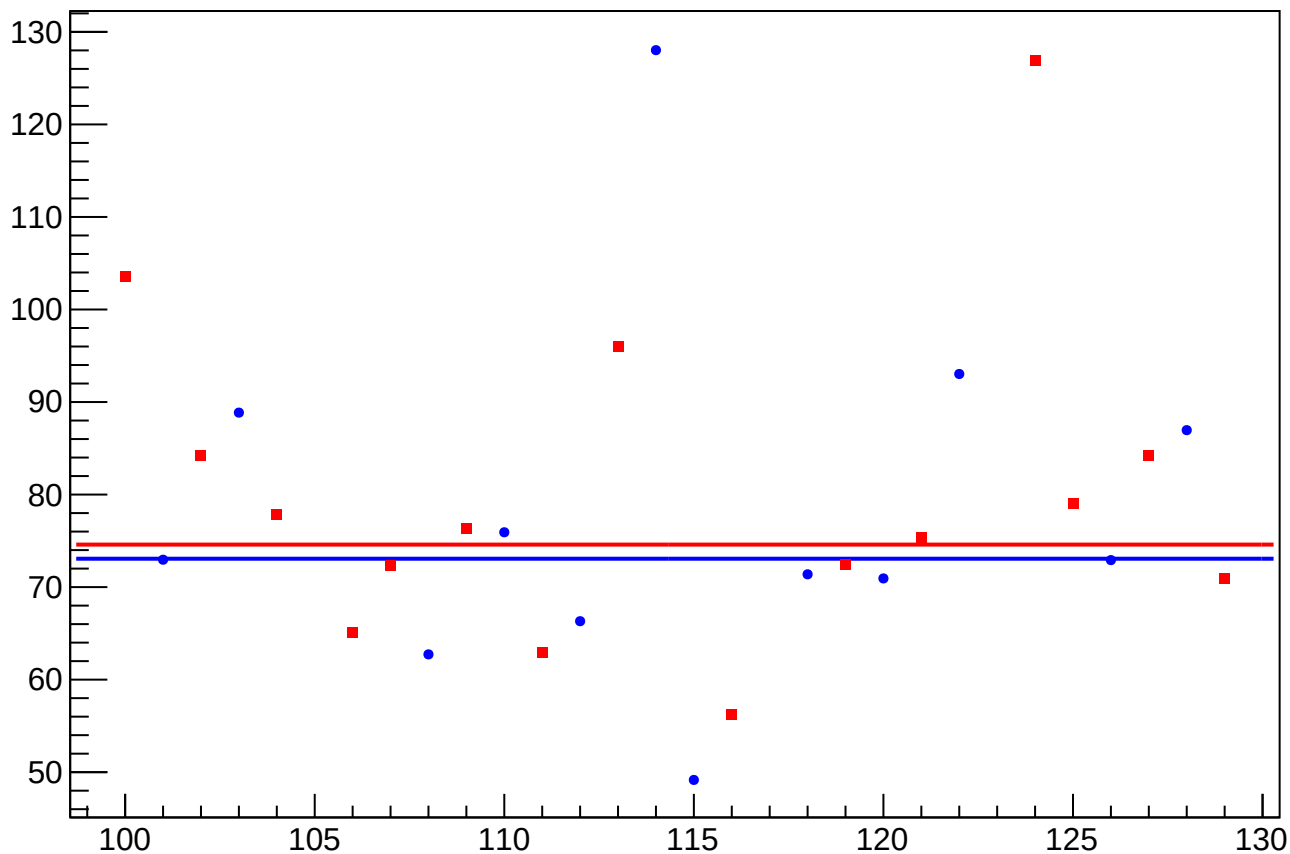
Right: -0.004 $\pm$ 0.023 χ^2 /NDF: 32.3/26

In: -0.006 $\pm$ 0.034 χ^2 /NDF:10.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.023 χ^2 /NDF: 32.3/26

asym_usr_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.067+/-0.024 χ^2/NDF : 232679.4/11

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

Right Out: 74.594+/-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

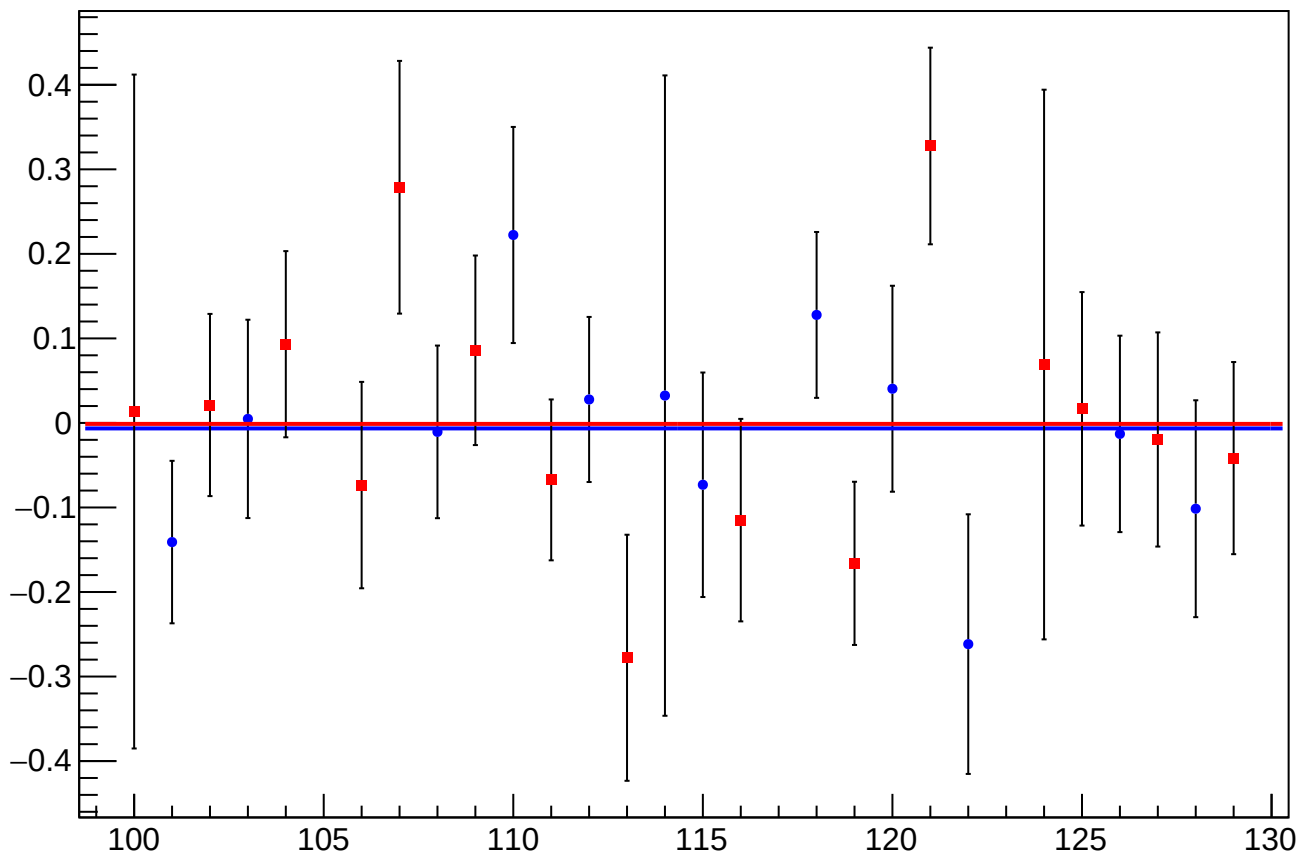
Right: 73.882+/-0.017 χ^2/NDF : 465166.0/26

In: 73.067+/-0.024 χ^2/NDF : 232679.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.882+/-0.017 χ^2/NDF : 465166.0/26

asym_usr_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006+/-0.034 χ^2/NDF : 10.9/11

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

Right Out: -0.001+/-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

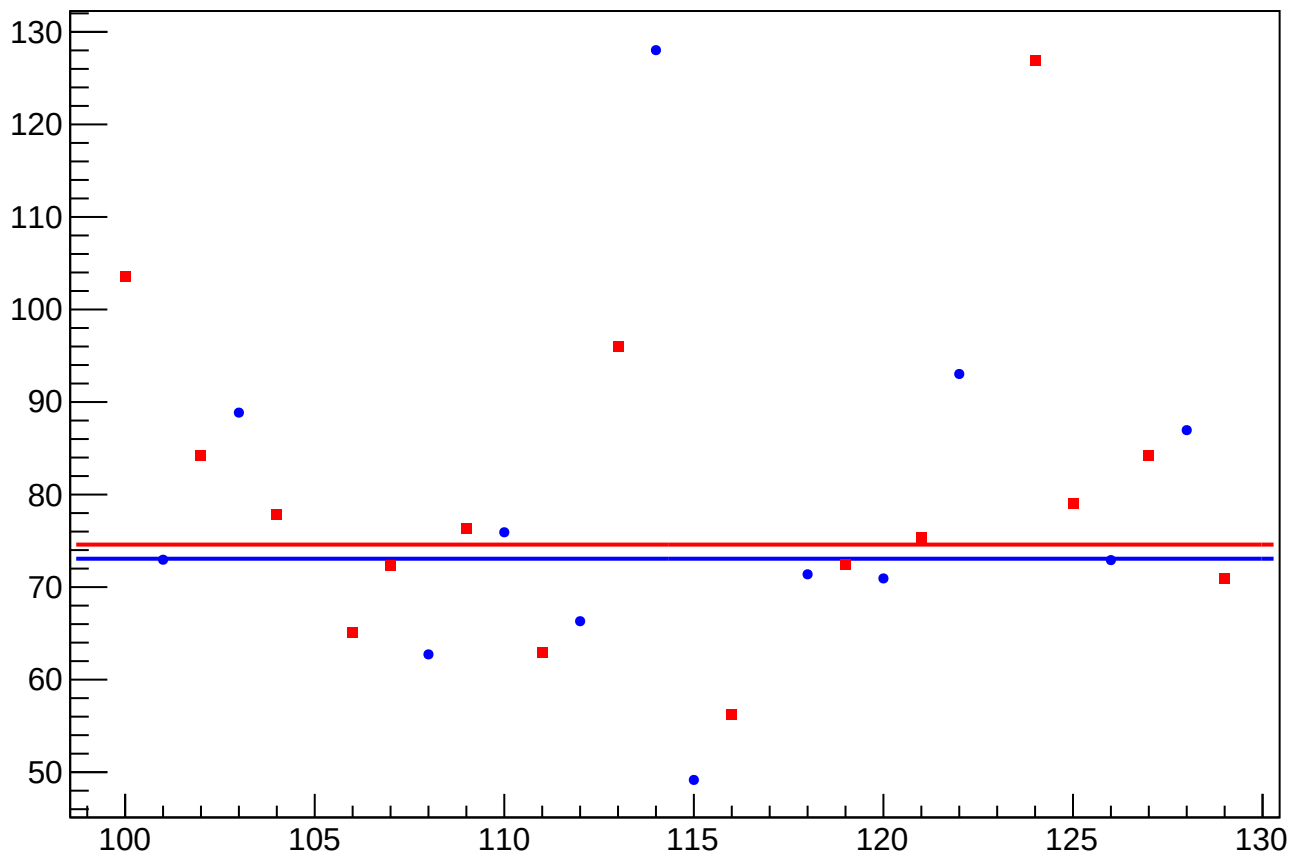
Right: -0.004+/-0.023 χ^2/NDF : 32.3/26

In: -0.006+/-0.034 χ^2/NDF :10.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.004+/-0.023 χ^2/NDF : 32.3/26

asym_usr_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.067+/-0.024 χ^2/NDF : 232679.4/11

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

Right Out: 74.594+/-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

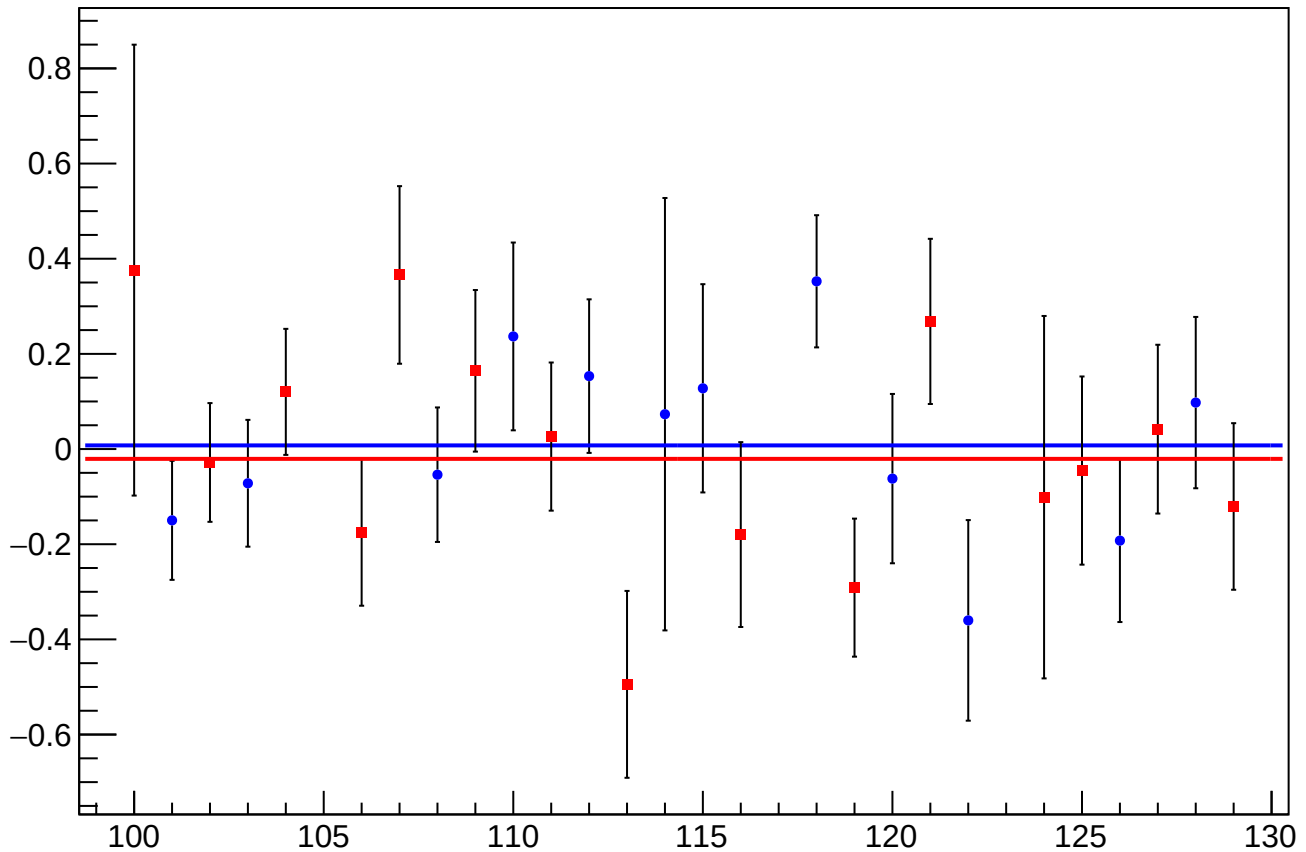
Right: 73.882+/-0.017 χ^2/NDF : 465166.0/26

In: 73.067+/-0.024 χ^2/NDF : 232679.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.882+/-0.017 χ^2/NDF : 465166.0/26

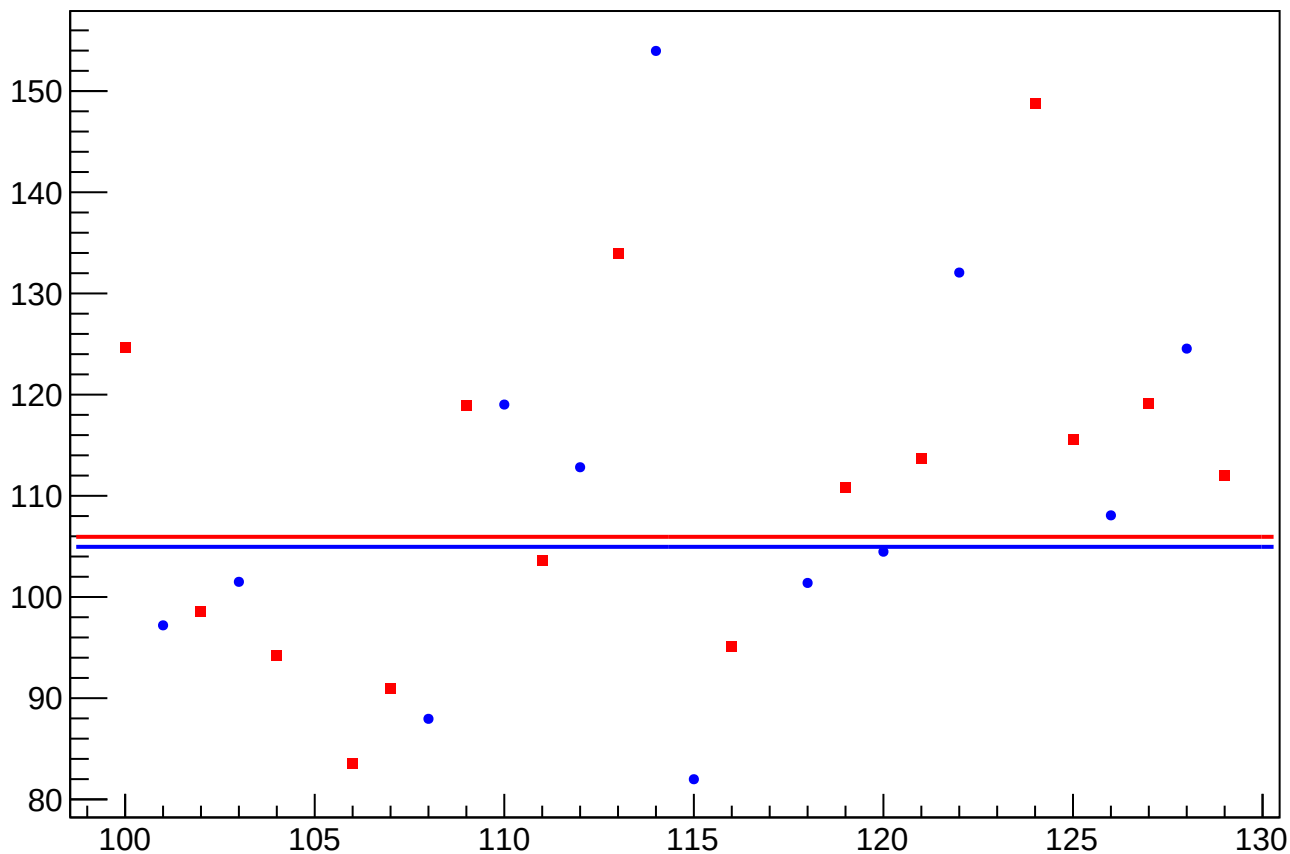
asym_usr_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008+/-0.048 χ^2/NDF : 15.6/11
 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: -0.008+/-0.033 χ^2/NDF : 37.4/26
 In: 0.008+/-0.048 χ^2/NDF : 15.6/11
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.008+/-0.033 χ^2/NDF : 37.4/26

asym_usr_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 104.958+/-0.034 χ^2/NDF : 156912.7/11

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

Right Out: 105.947+/-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

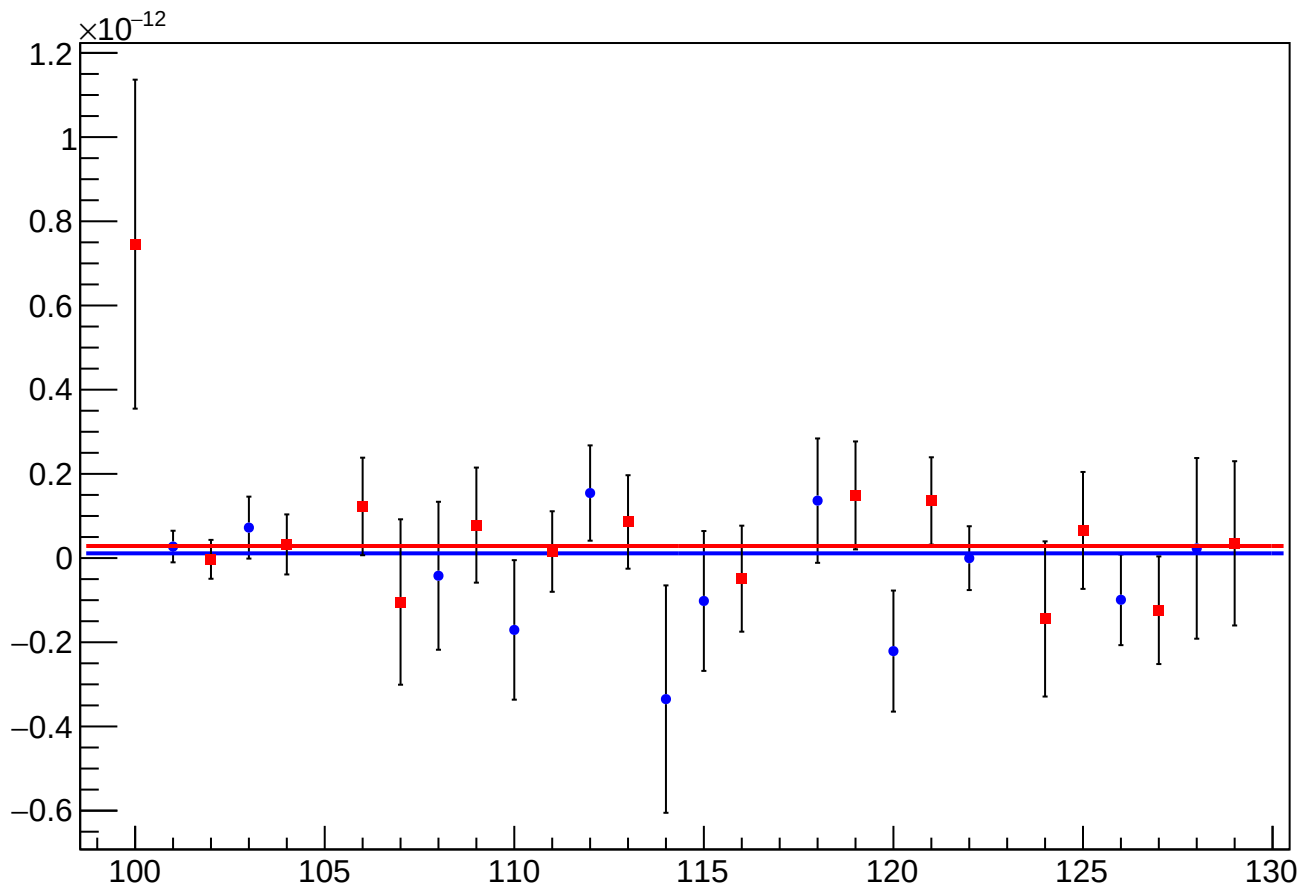
Right: 105.490+/-0.023 χ^2/NDF : 347376.6/26

In: 104.958+/-0.034 χ^2/NDF : 156912.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.490+/-0.023 χ^2/NDF : 347376.6/26

asym_usr_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.3/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 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

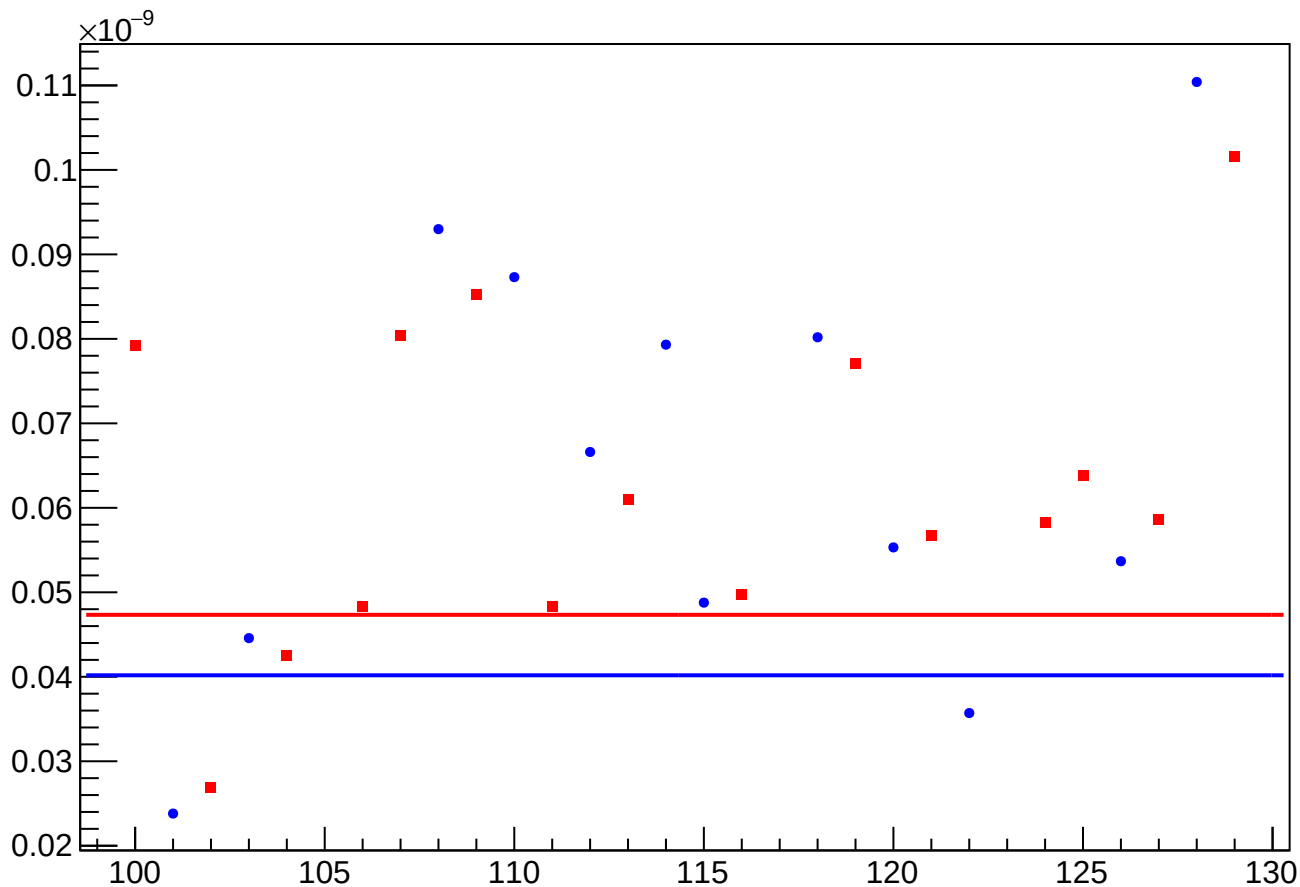
Right: 0.000+/-0.000 χ^2/NDF : 20.6/26

In: 0.000+/-0.000 χ^2/NDF : 10.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.6/26

asym_usr_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1308017.2/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 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

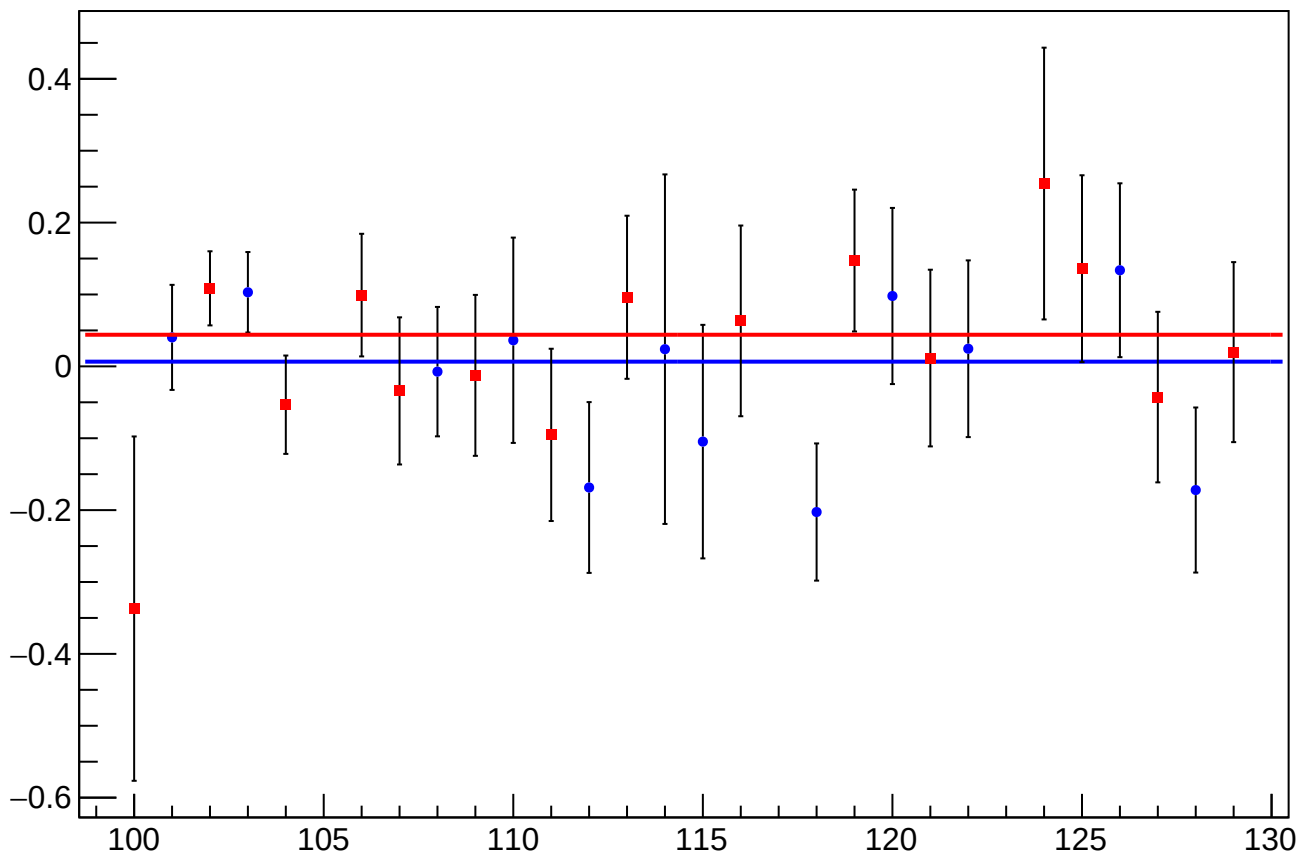
Right: 0.000+/-0.000 χ^2/NDF : 2364882.0/26

In: 0.000+/-0.000 χ^2/NDF : 1308017.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2364882.0/26

asym_usr_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.029 χ^2 /NDF: 14.8/11

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

Right Out: 0.044 $\pm$ 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

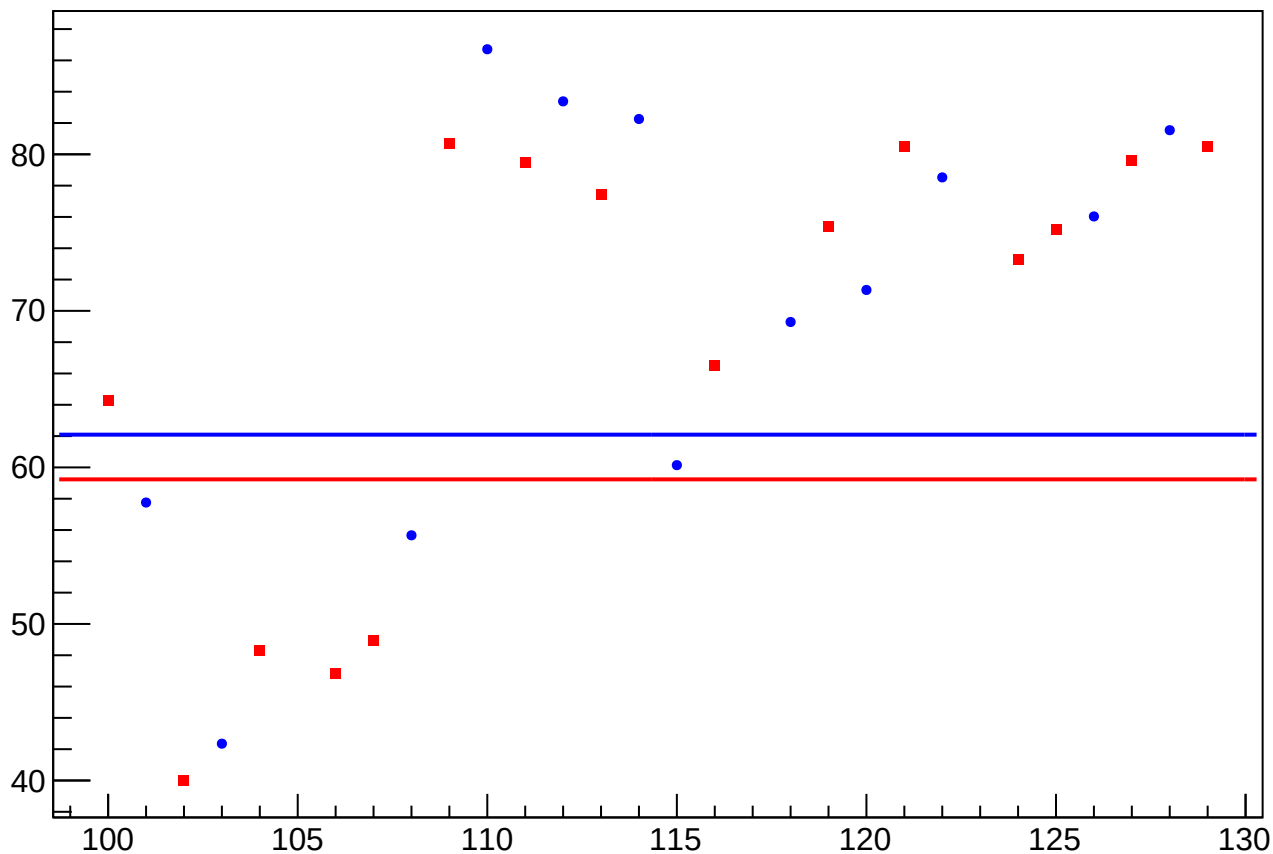
Right: 0.028 $\pm$ 0.019 χ^2 /NDF: 28.2/26

In: 0.007 $\pm$ 0.029 χ^2 /NDF:14.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.028 $\pm$ 0.019 χ^2 /NDF: 28.2/26

asym_usr_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 62.091+/-0.020 χ^2/NDF : 546126.6/11

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

Right Out: 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

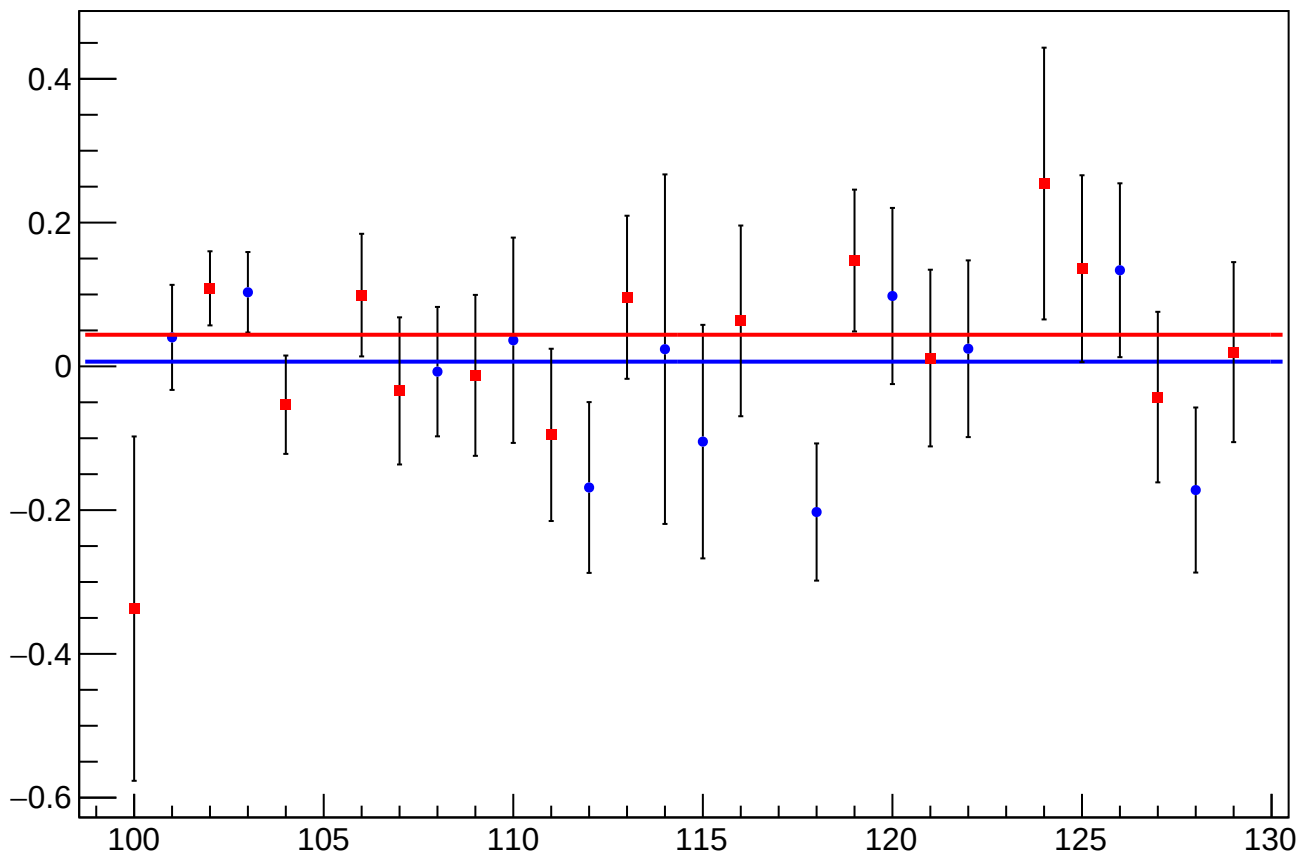
Right: 60.493+/-0.014 χ^2/NDF : 1408820.3/26

In: 62.091+/-0.020 χ^2/NDF : 546126.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.493+/-0.014 χ^2/NDF : 1408820.3/26

asym_usr_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.029 χ^2 /NDF: 14.8/11

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

Right Out: 0.044 $\pm$ 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

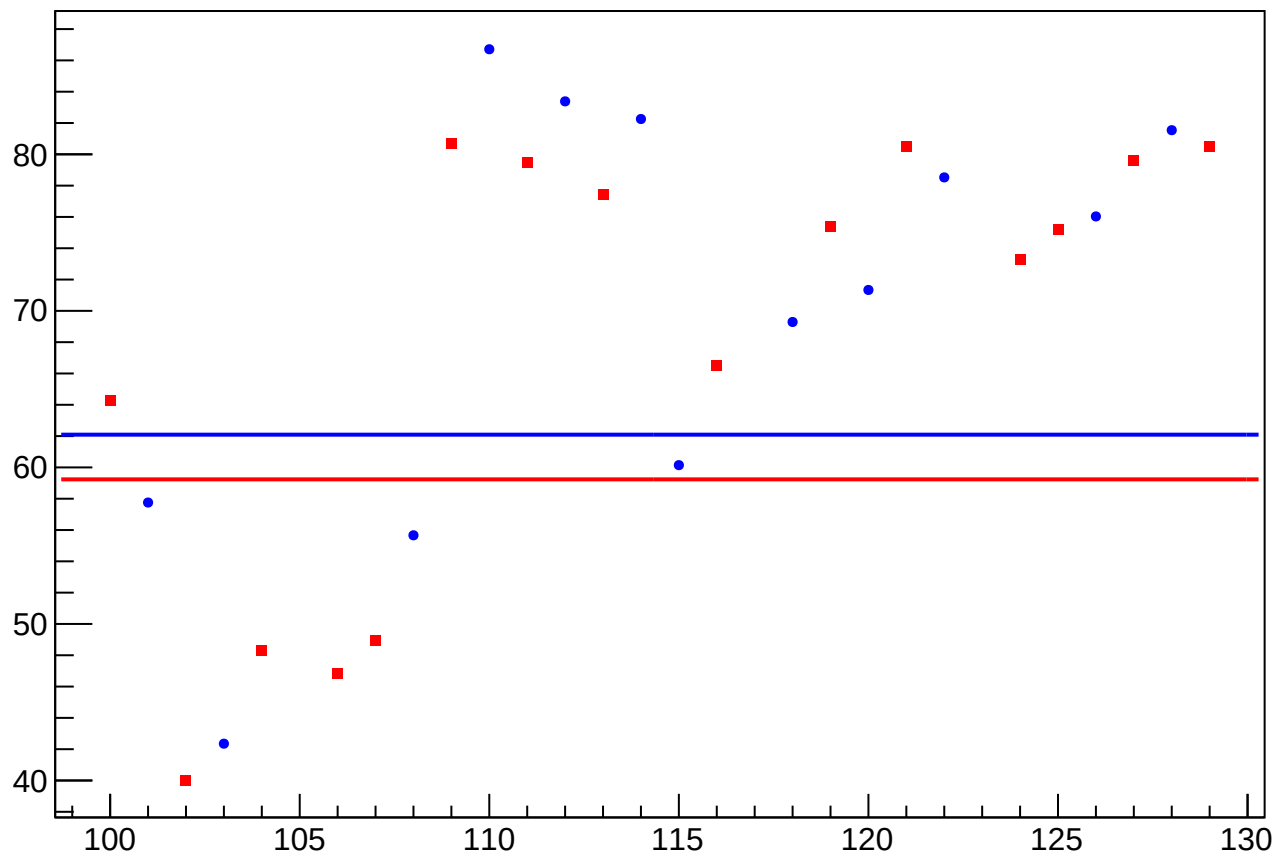
Right: 0.028 $\pm$ 0.019 χ^2 /NDF: 28.2/26

In: 0.007 $\pm$ 0.029 χ^2 /NDF:14.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.028 $\pm$ 0.019 χ^2 /NDF: 28.2/26

asym_usr_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 62.091+/-0.020 χ^2/NDF : 546126.6/11

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

Right Out: 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

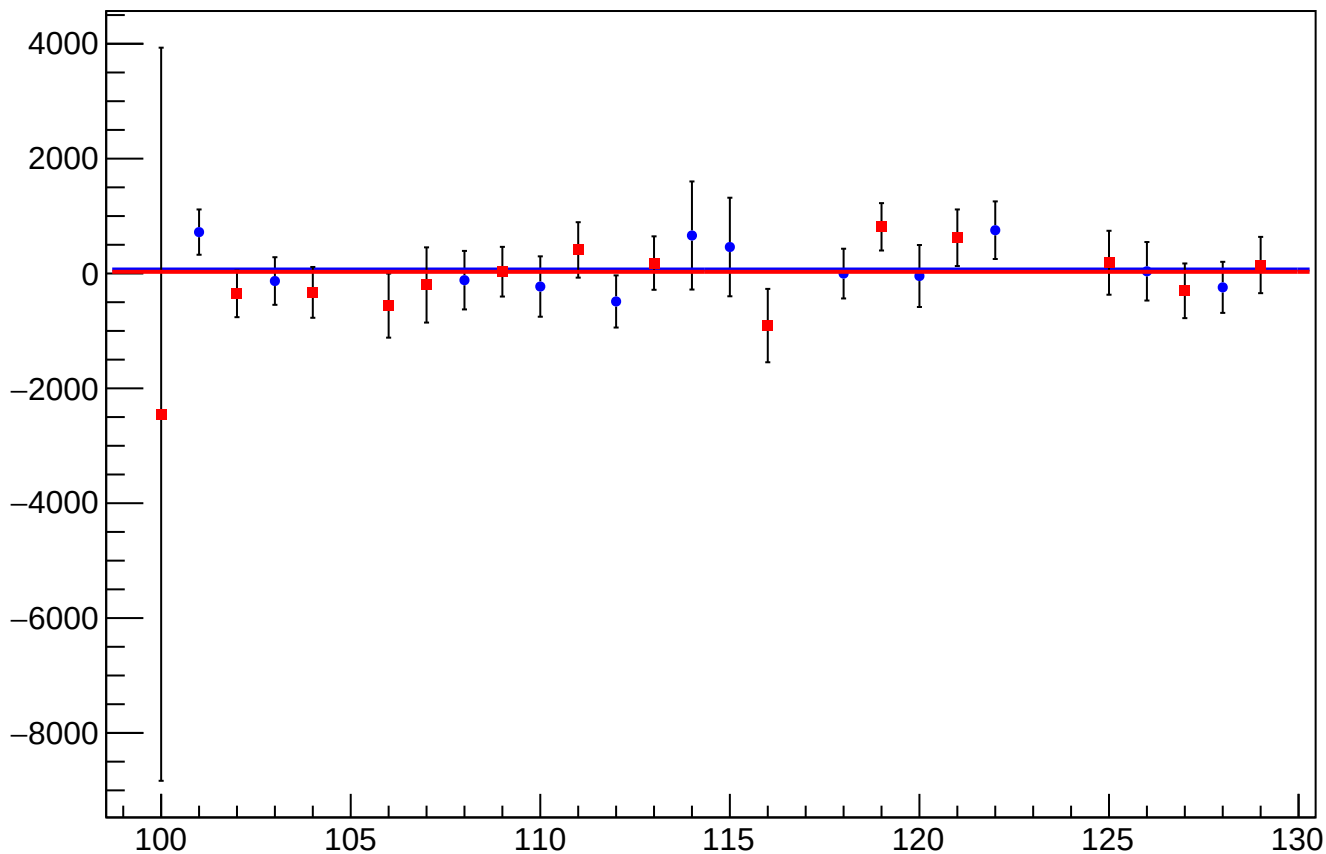
Right: 60.493+/-0.014 χ^2/NDF : 1408820.3/26

In: 62.091+/-0.020 χ^2/NDF : 546126.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.493+/-0.014 χ^2/NDF : 1408820.3/26

asym_dsl_mean vs Slug, Sign Corrected



Right In: 69.349+/-143.275 χ^2/NDF : 7.9/11

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

Right Out: 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

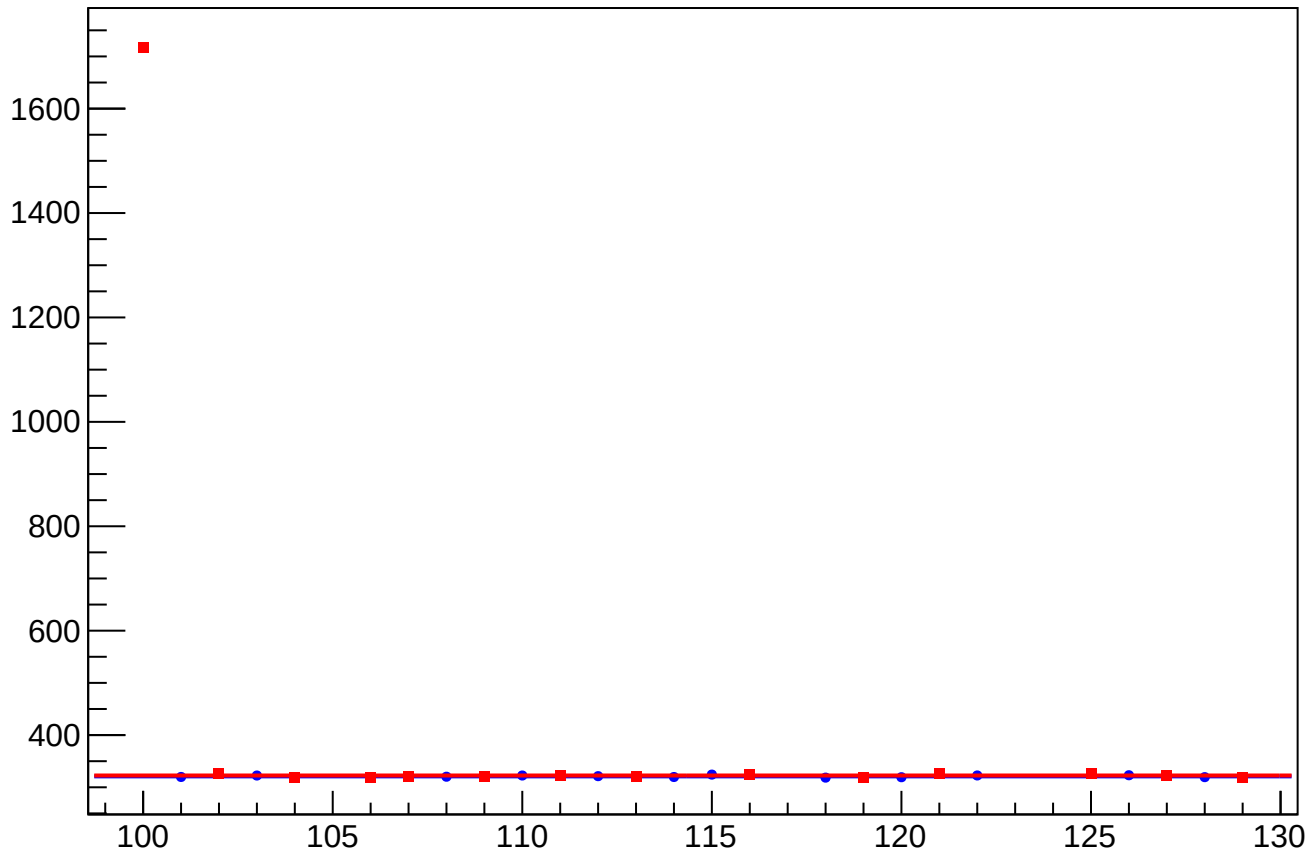
Right: 48.010+/-98.076 χ^2/NDF : 19.5/25

In: 69.349+/-143.275 χ^2/NDF : 7.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.010+/-98.076 χ^2/NDF : 19.5/25

asym_dsl_rms vs Slug, Sign Corrected



Right In: 320.921+/-0.101 χ^2/NDF : 267.6/11

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

Right Out: 322.603+/-0.095 χ^2/NDF : 96753.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

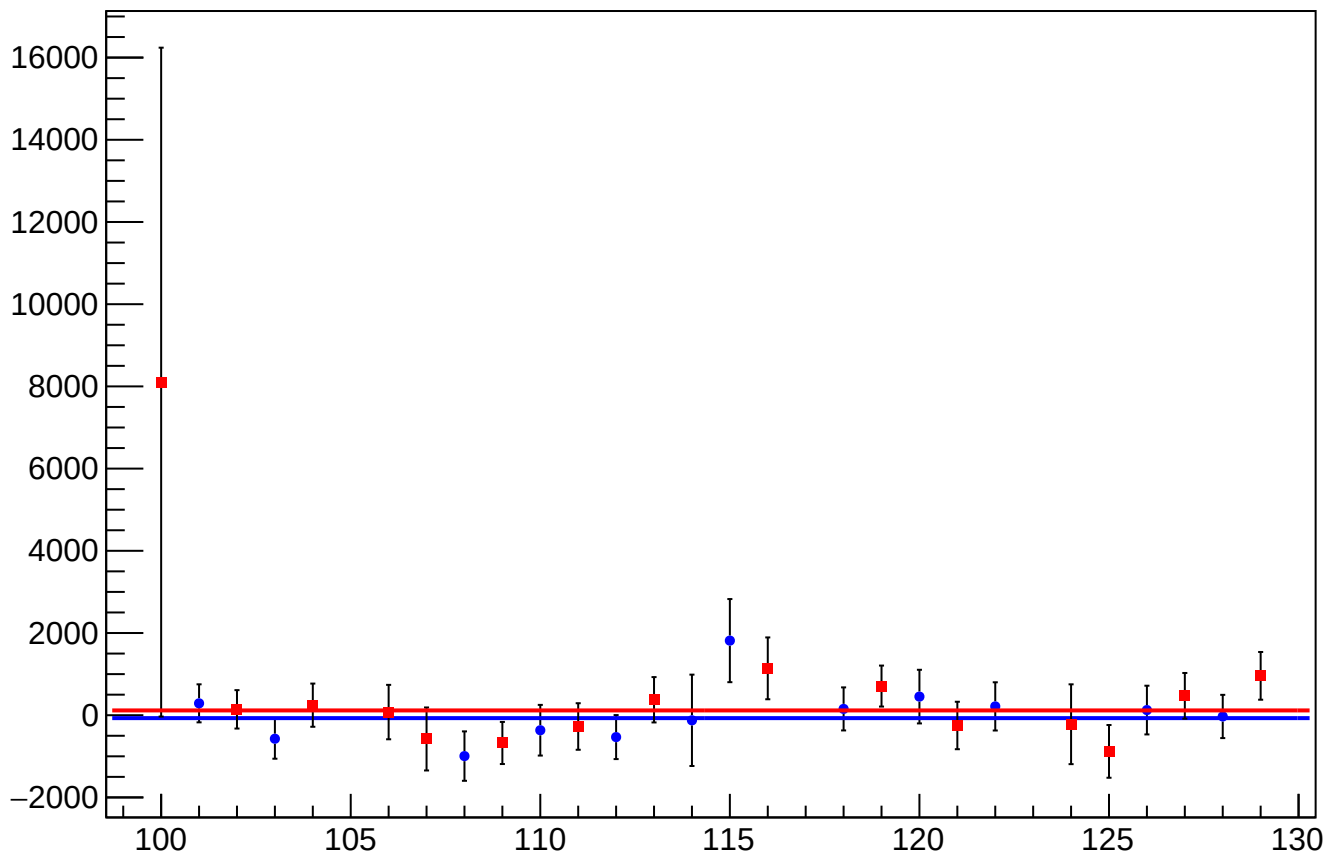
Right: 321.815+/-0.069 χ^2/NDF : 97167.7/25

In: 320.921+/-0.101 χ^2/NDF : 267.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 321.815+/-0.069 χ^2/NDF : 97167.7/25

asym_dsr_mean vs Slug, Sign Corrected



Right In: -70.787 ± 169.166 χ^2/NDF : 9.7/11

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

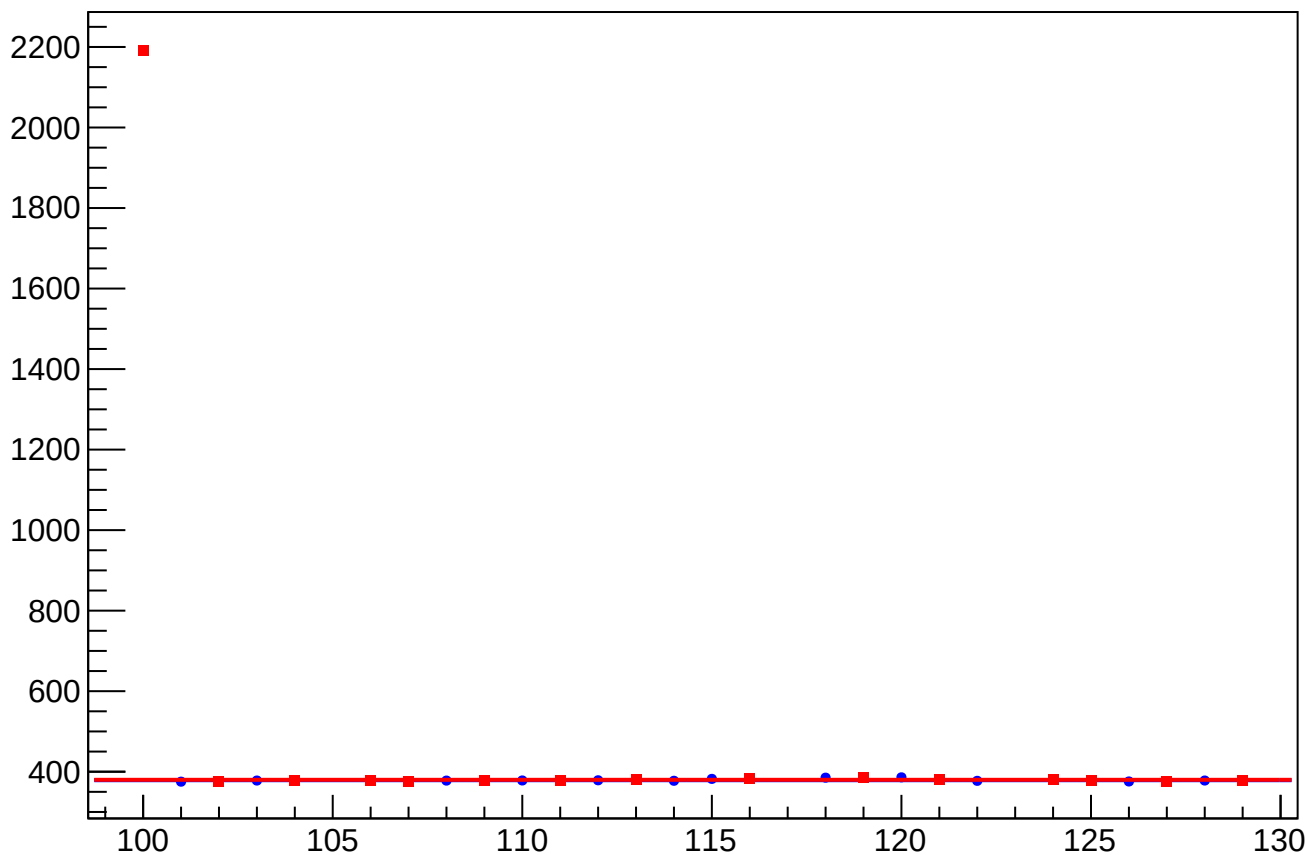
Right: 30.324 ± 114.828 χ^2/NDF : 24.0/26

In: -70.787 ± 169.166 χ^2/NDF : 9.7/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 30.324 ± 114.828 χ^2/NDF : 24.0/26

asym_dsr_rms vs Slug, Sign Corrected



Right In: 378.881+/-0.120 χ^2/NDF : 762.8/11

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

Right Out: 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

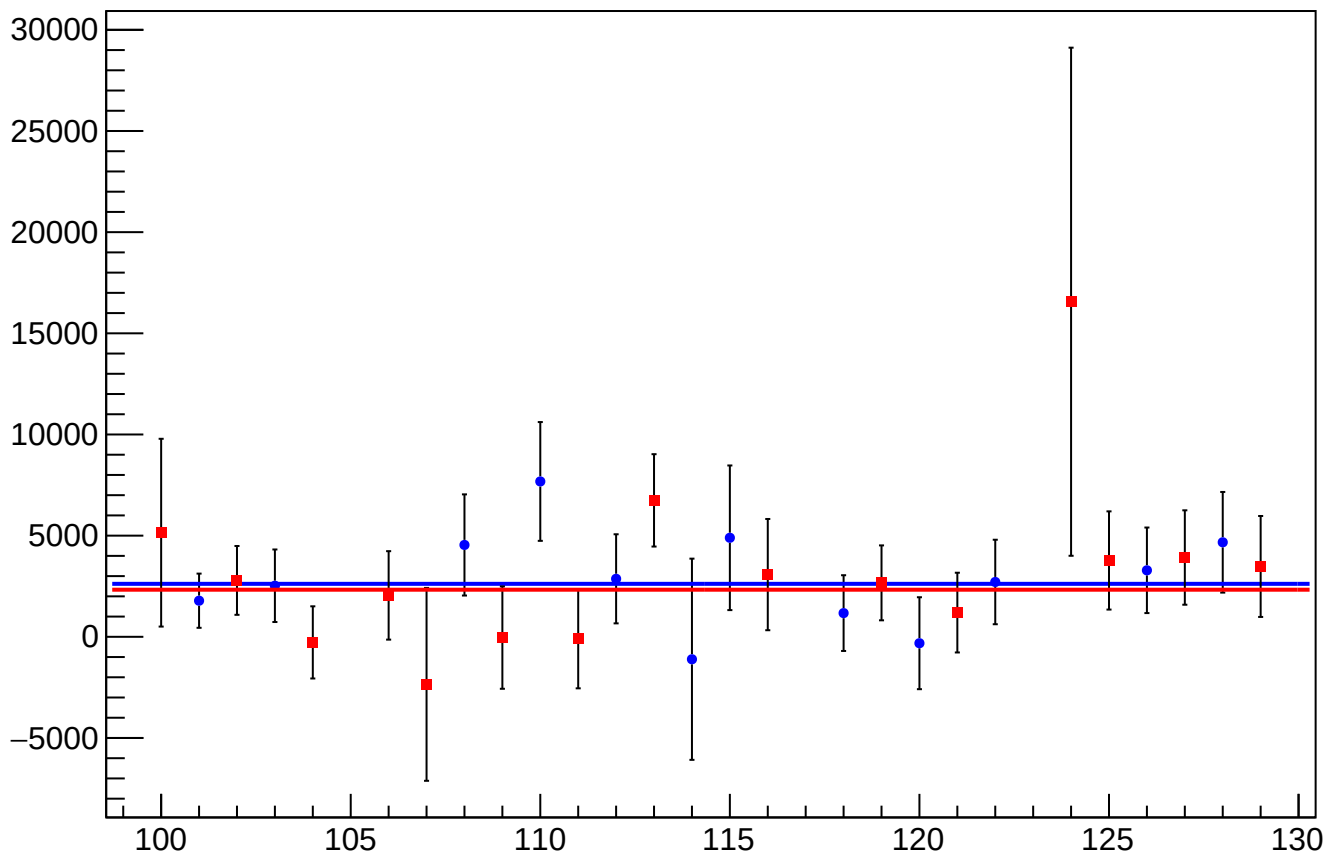
Right: 379.419+/-0.081 χ^2/NDF : 100366.7/26

In: 378.881+/-0.120 χ^2/NDF : 762.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 379.419+/-0.081 χ^2/NDF : 100366.7/26

asym_us_agg_avg_mean vs Slug, Sign Corrected



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

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

Right Out: 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

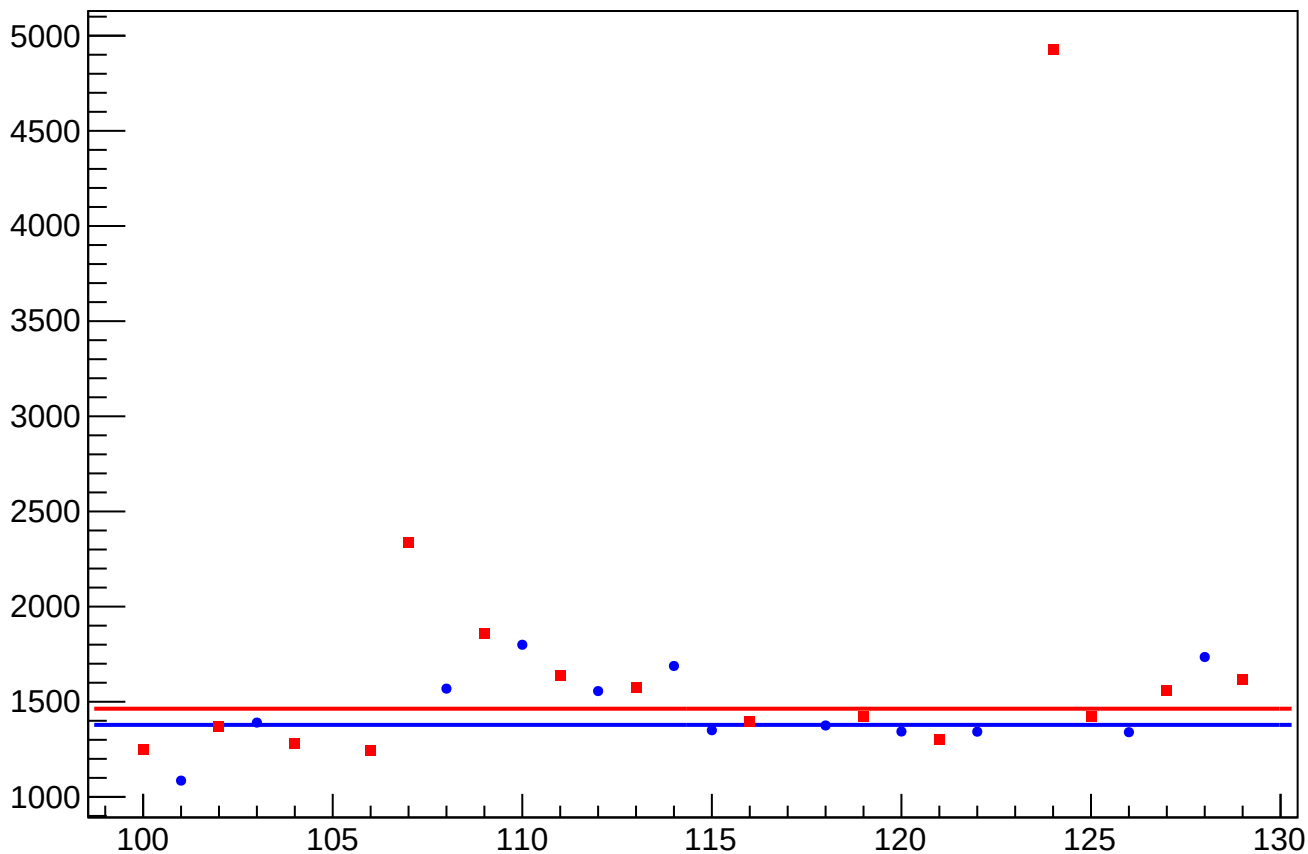
Right: 2470.041+/-436.854 χ^2/NDF : 20.0/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2470.041+/-436.854 χ^2/NDF : 20.0/26

asym_us_agg_avg_rms vs Slug, Sign Corrected



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

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

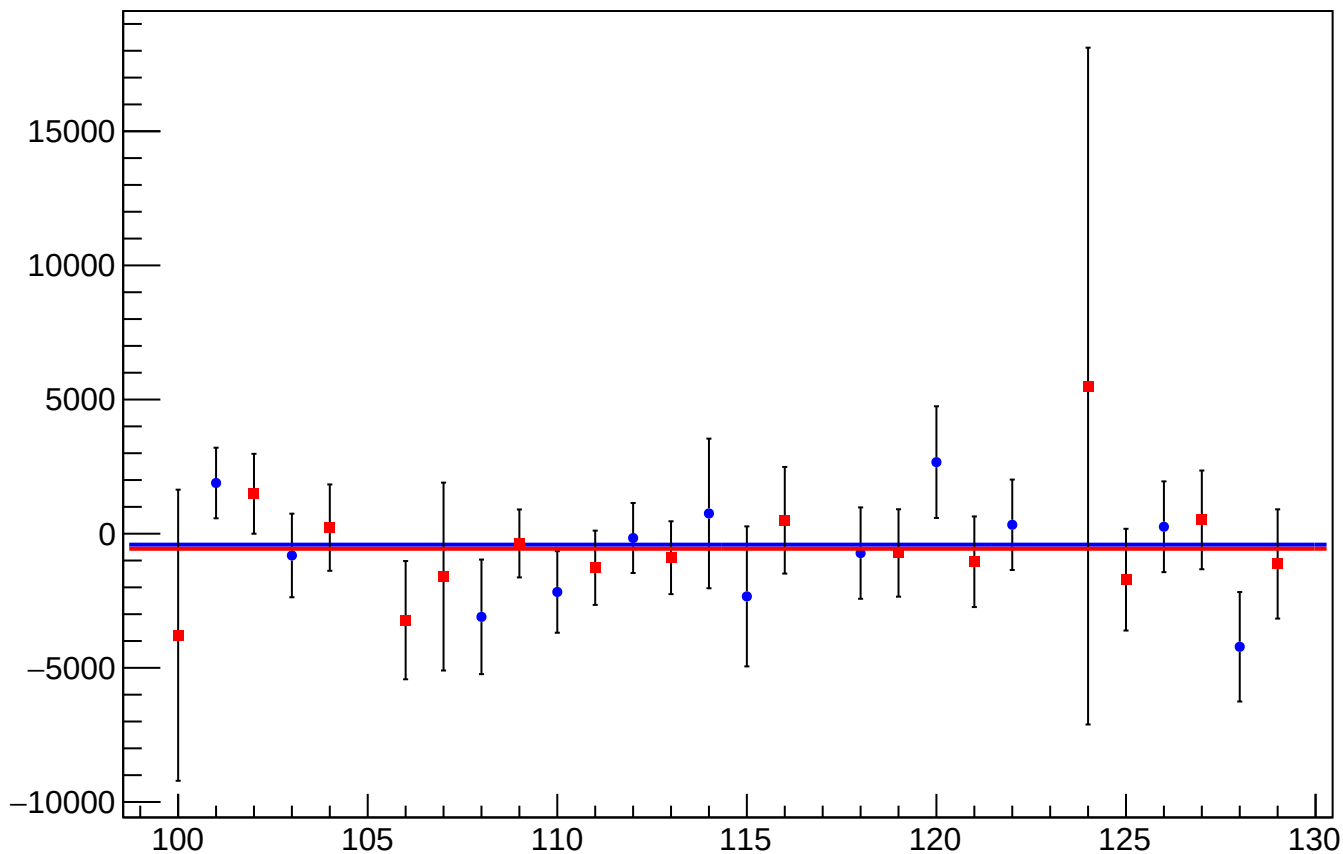
Right: 1421.912+/-0.309 χ^2/NDF : 593418.9/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1421.912+/-0.309 χ^2/NDF : 593418.9/26

asym_us_agg_dd_mean vs Slug, Sign Corrected



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

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

Right Out: -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

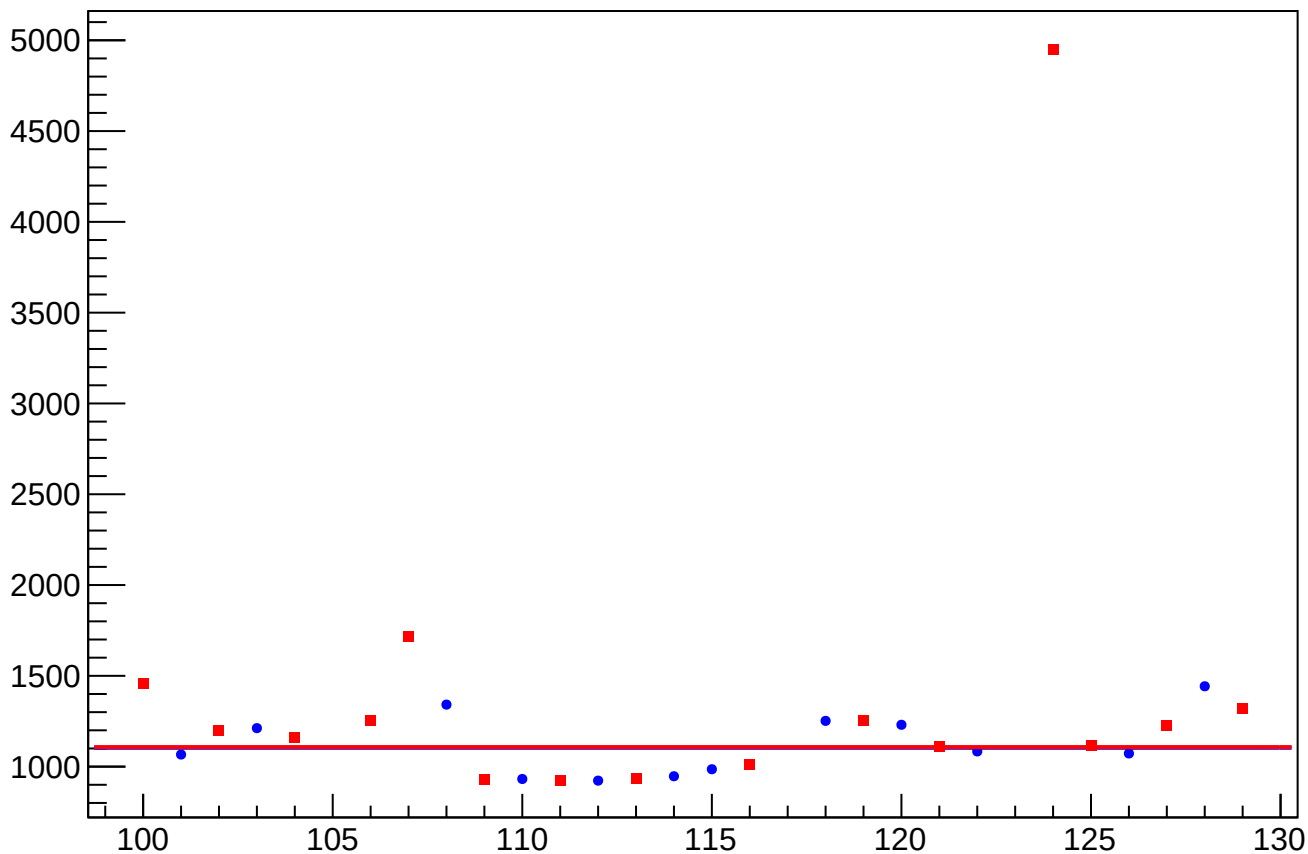
Right: -490.587+/-339.592 χ^2/NDF : 18.7/26

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -490.587+/-339.592 χ^2/NDF : 18.7/26

asym_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 1103.945+/-0.353 χ^2/NDF : 189145.3/11

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

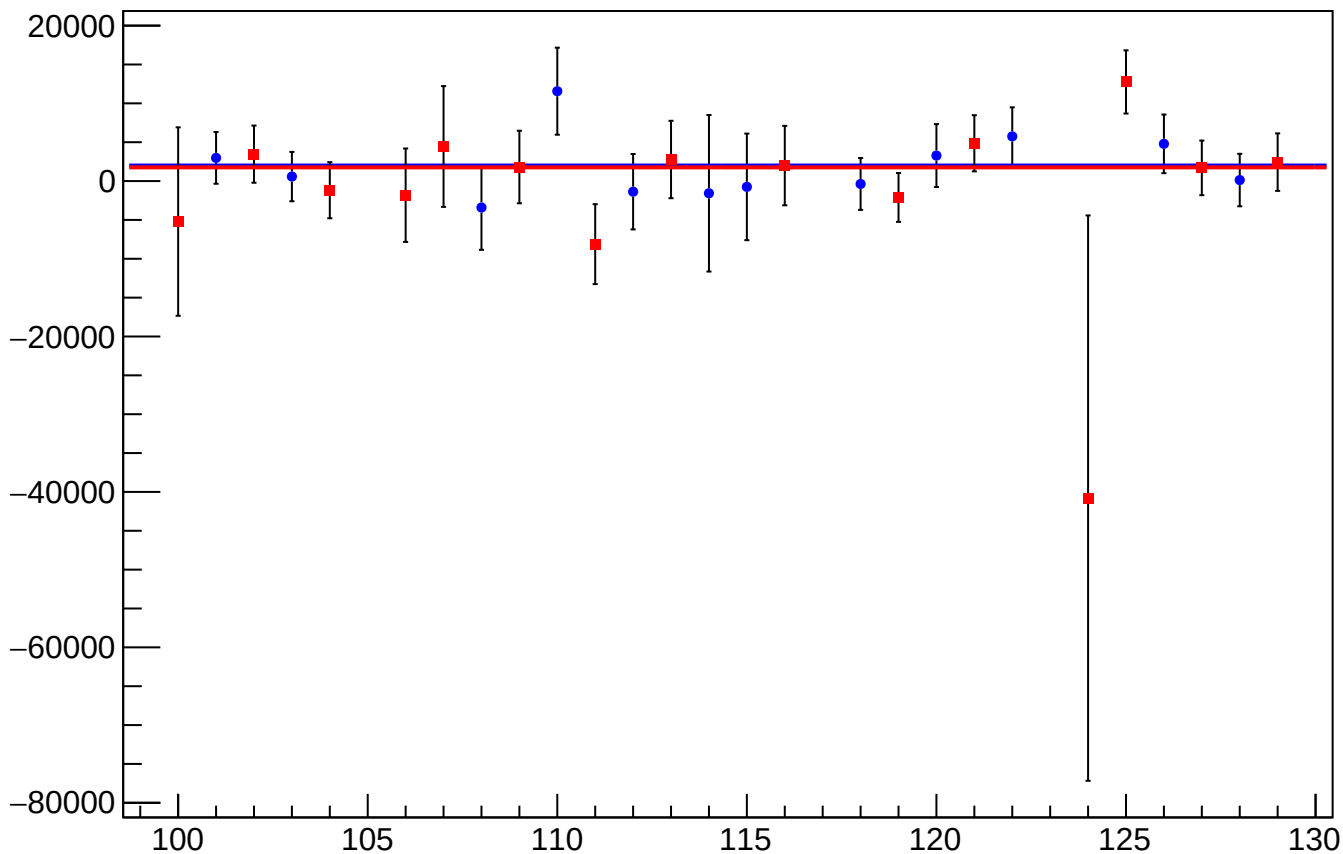
Right: 1105.856+/-0.240 χ^2/NDF : 621374.3/26

In: 1103.945+/-0.353 χ^2/NDF : 189145.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1105.856+/-0.240 χ^2/NDF : 621374.3/26

reg_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1999.261+/-1187.519 χ^2/NDF : 7.4/11

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

Right Out: 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

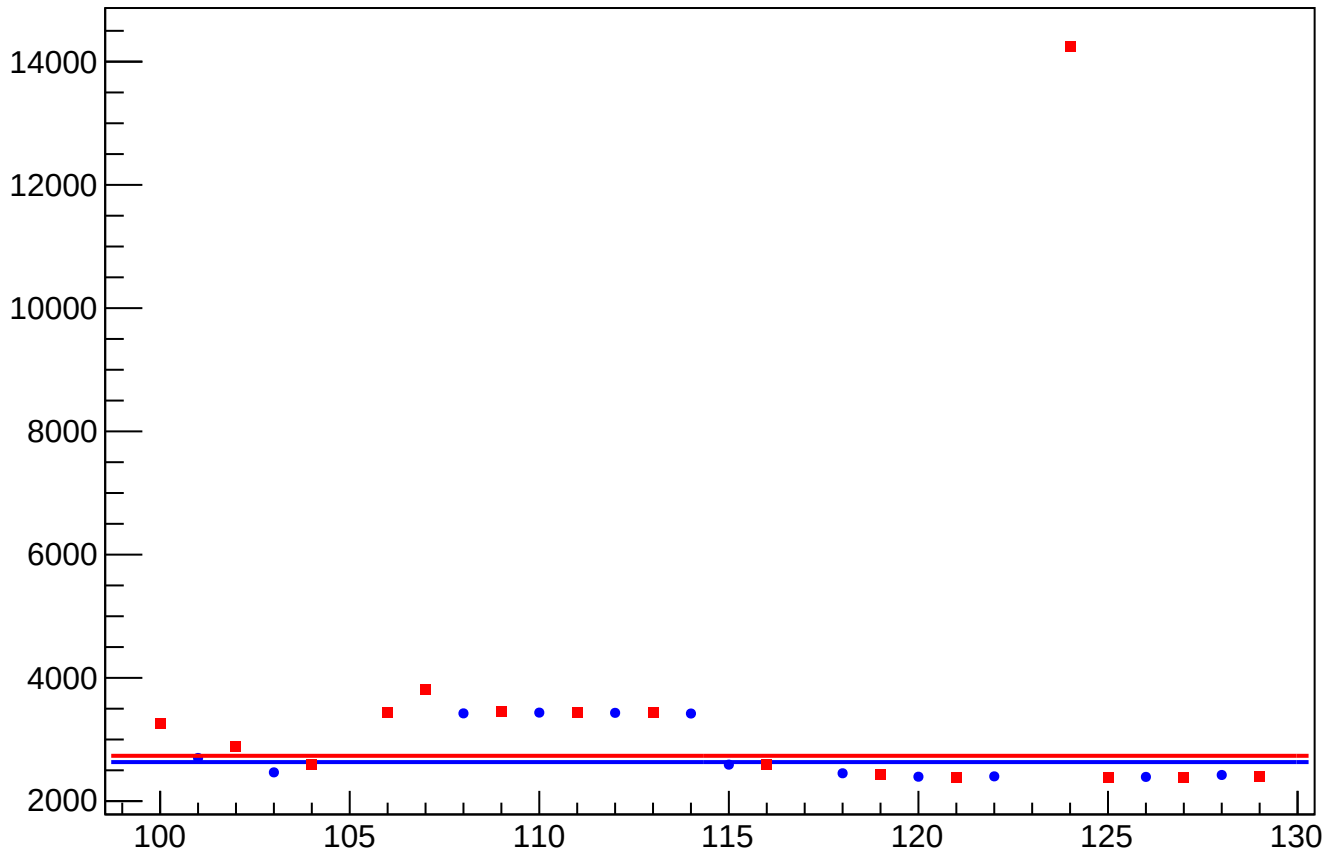
Right: 1876.164+/-825.855 χ^2/NDF : 23.8/26

In: 1999.261+/-1187.519 χ^2/NDF : 7.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1876.164+/-825.855 χ^2/NDF : 23.8/26

reg_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2633.377+/-0.840 χ^2/NDF : 192437.7/11

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

Right Out: 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

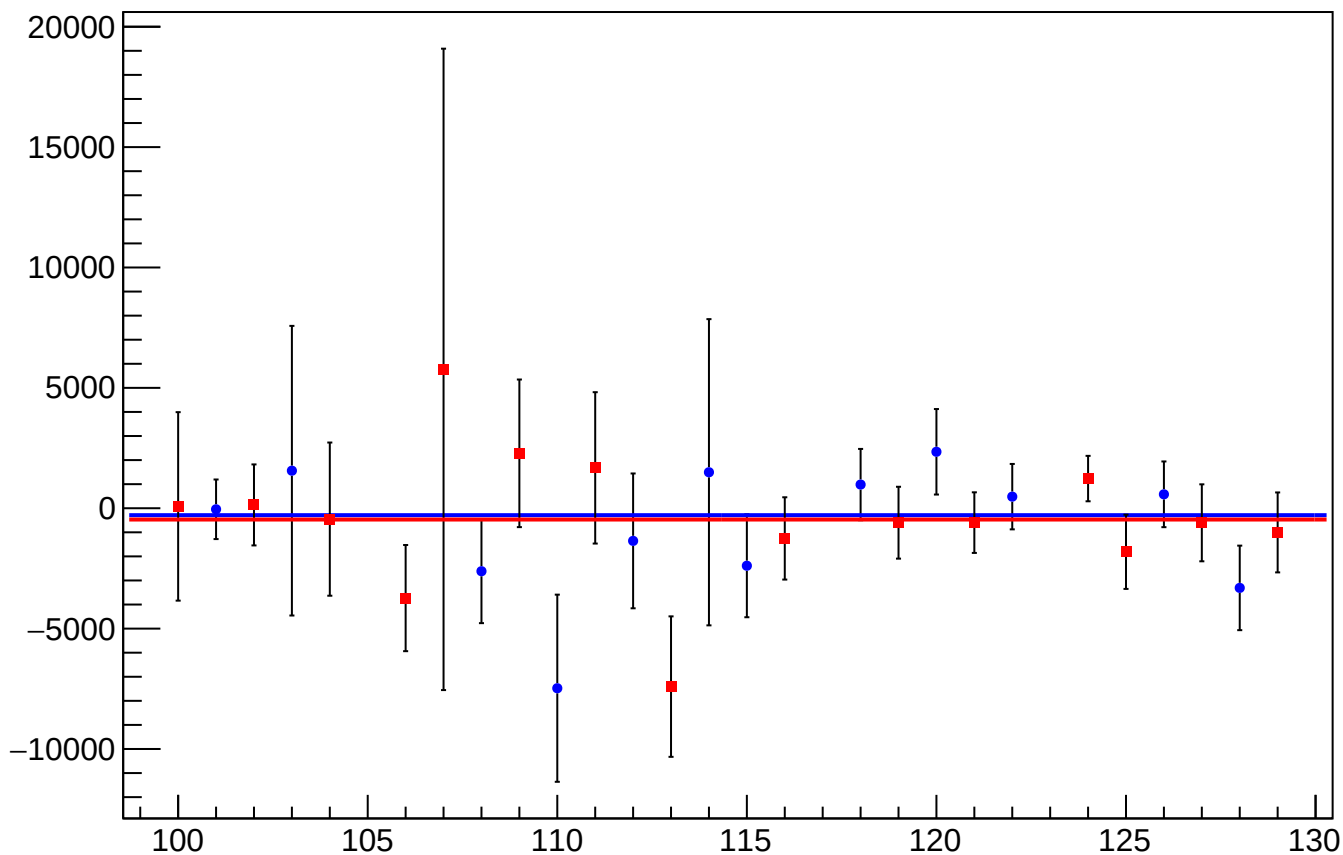
Right: 2686.039+/-0.584 χ^2/NDF : 690483.6/26

In: 2633.377+/-0.840 χ^2/NDF : 192437.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2686.039+/-0.584 χ^2/NDF : 690483.6/26

asym_atl1_reg_correction_mean vs Slug, Sign Corrected



Right In: -288.072+/-533.831 χ^2/NDF : 12.5/11

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

Right Out: -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

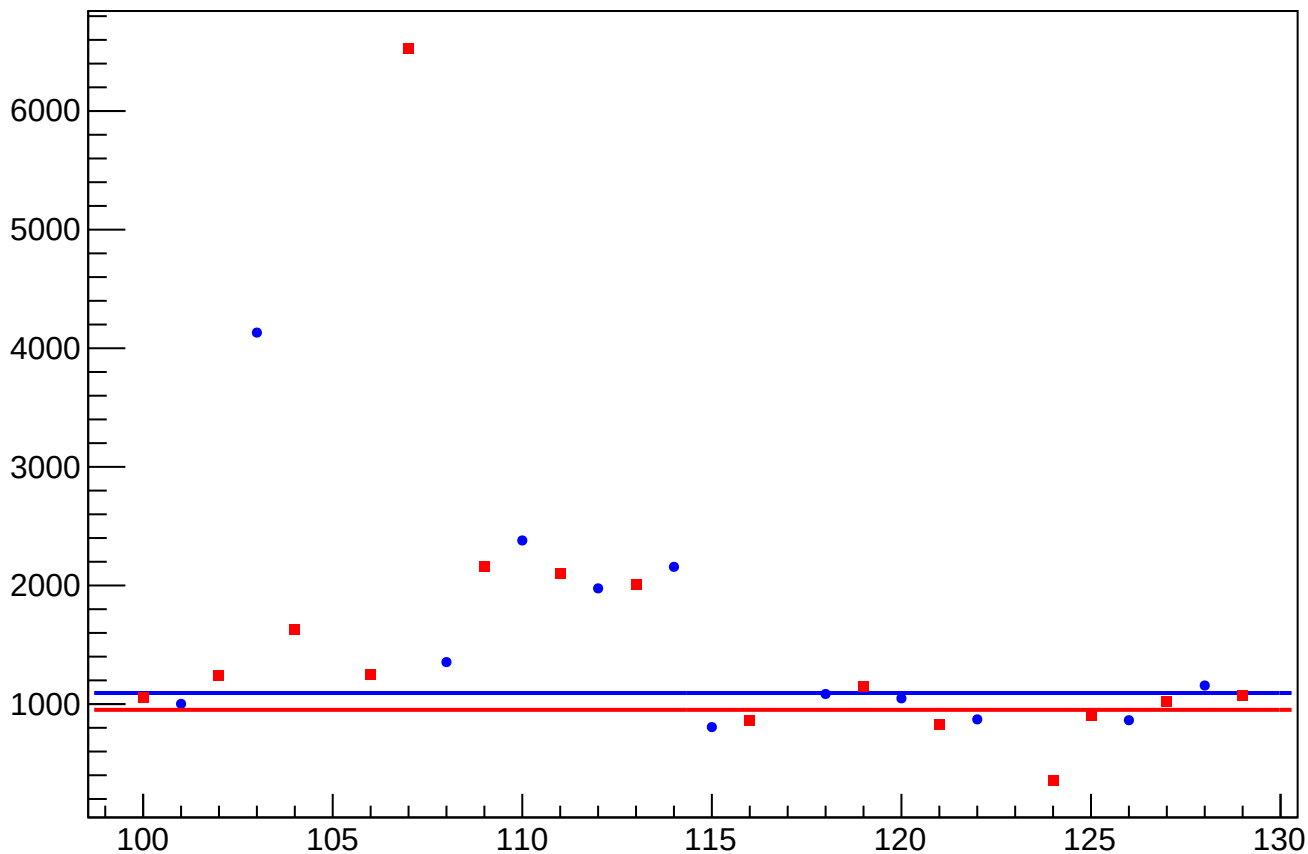
Right: -392.363+/-347.455 χ^2/NDF : 26.4/26

In: -288.072+/-533.831 χ^2/NDF : 12.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -392.363+/-347.455 χ^2/NDF : 26.4/26

asym_atl1_reg_correction_rms vs Slug, Sign Corrected



Right In: 1093.528+/-0.377 χ^2/NDF : 1174087.5/11

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

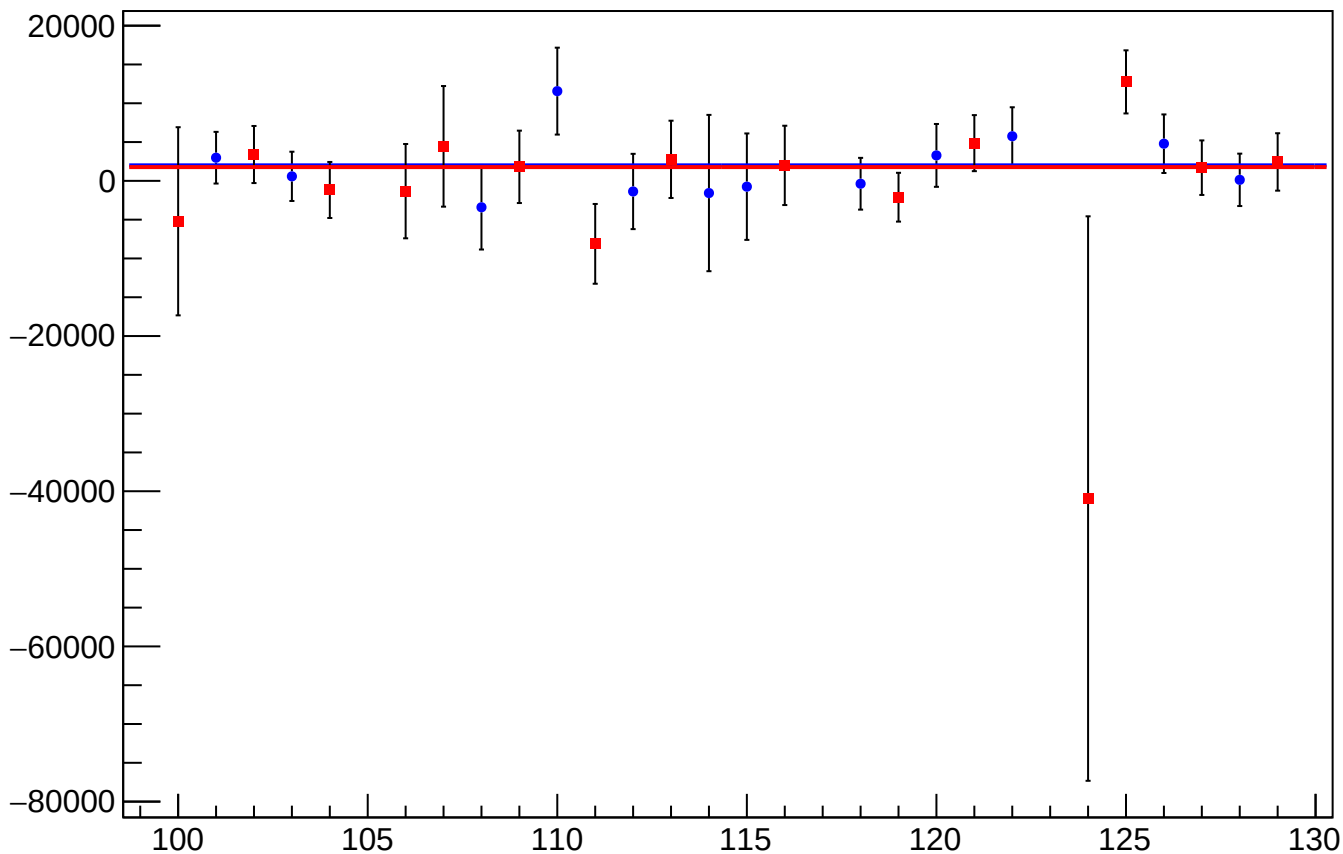
Right: 1011.699+/-0.246 χ^2/NDF : 3513325.1/26

In: 1093.528+/-0.377 χ^2/NDF : 1174087.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1011.699+/-0.246 χ^2/NDF : 3513325.1/26

cor_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1999.813+/-1187.519 χ^2/NDF : 7.4/11

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

Right Out: 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

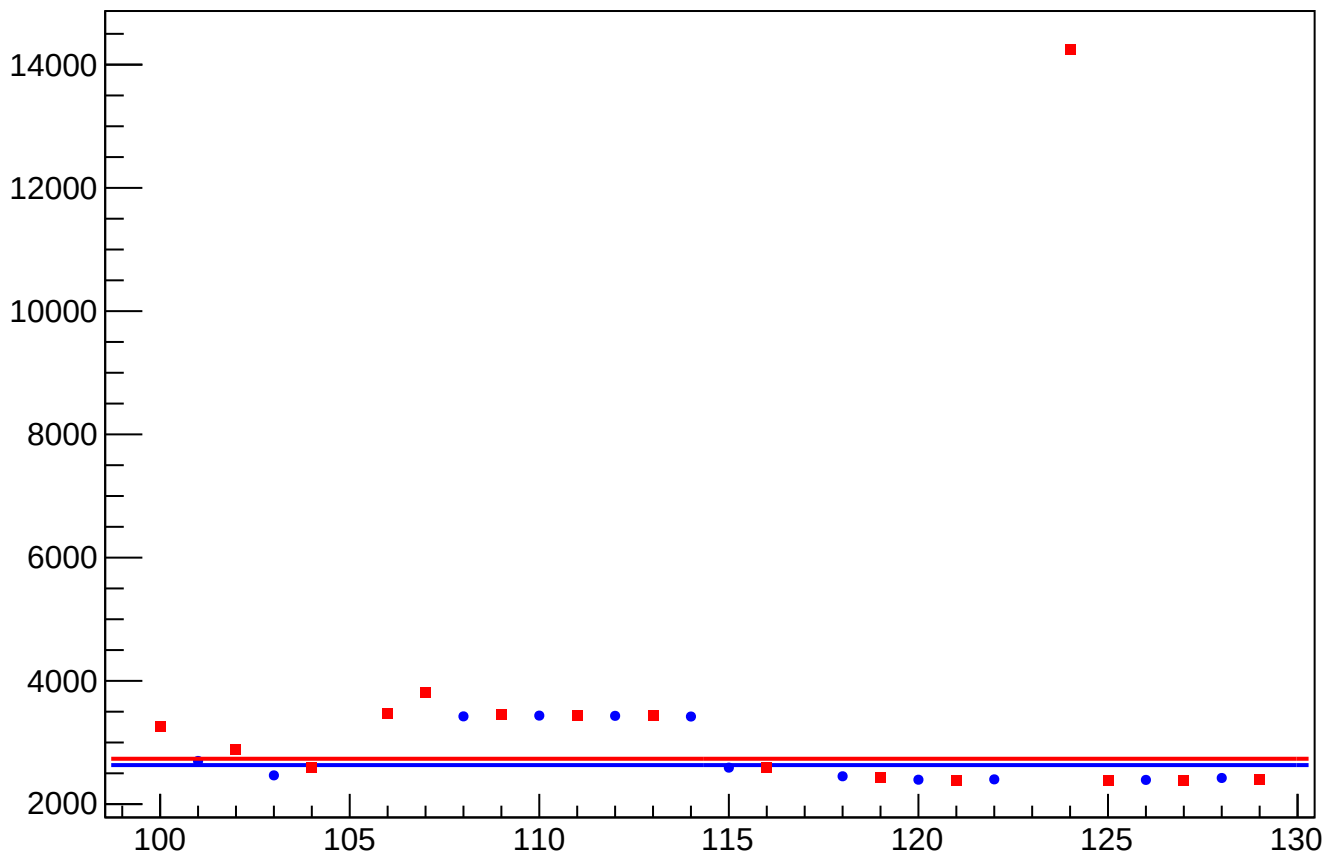
Right: 1883.402+/-826.032 χ^2/NDF : 23.7/26

In: 1999.813+/-1187.519 χ^2/NDF : 7.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1883.402+/-826.032 χ^2/NDF : 23.7/26

cor_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2633.377+/-0.840 χ^2/NDF : 192437.6/11

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

Right Out: 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

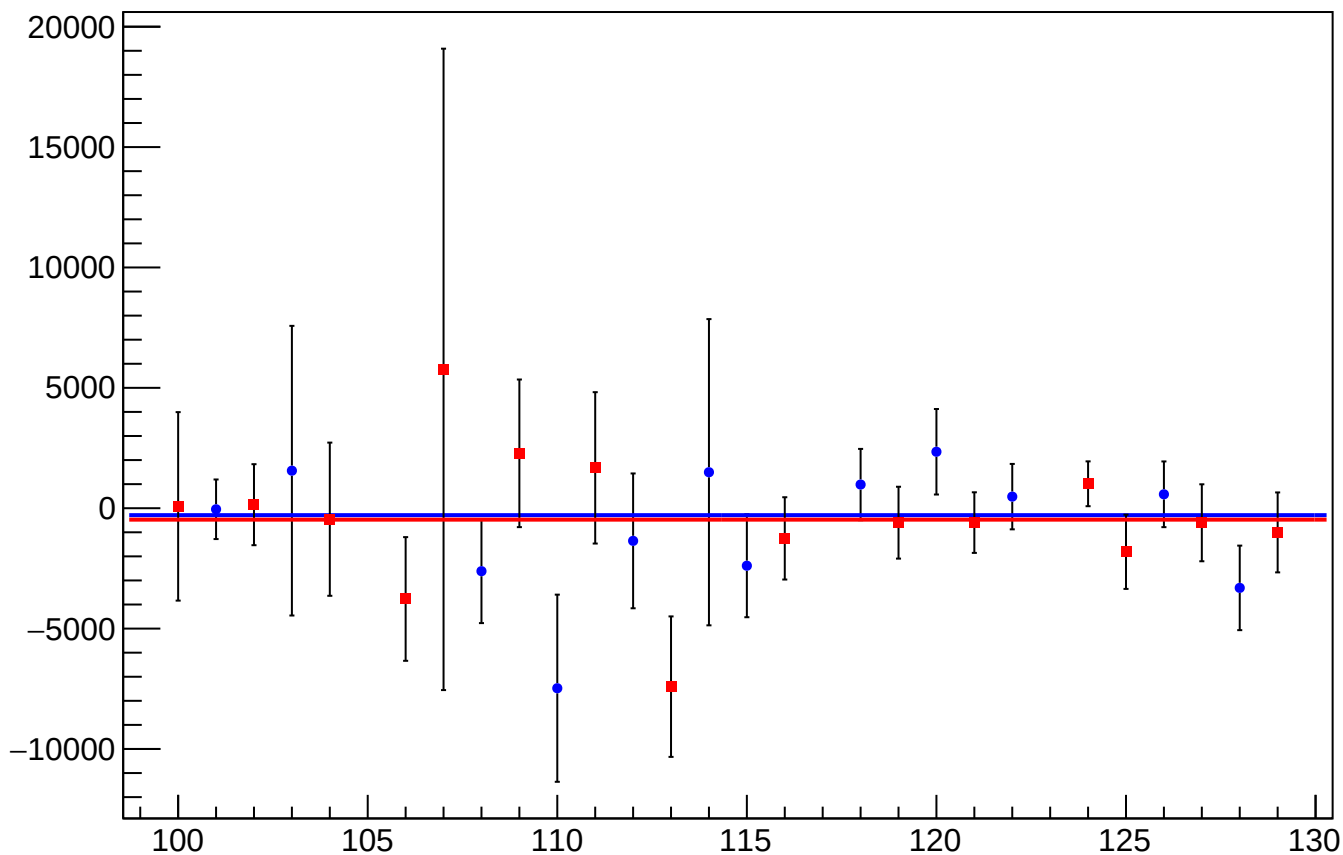
Right: 2686.447+/-0.584 χ^2/NDF : 692970.6/26

In: 2633.377+/-0.840 χ^2/NDF : 192437.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2686.447+/-0.584 χ^2/NDF : 692970.6/26

asym_atl1_cor_correction_mean vs Slug, Sign Corrected



Right In: -288.115+/-533.832 χ^2/NDF : 12.5/11

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

Right Out: -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

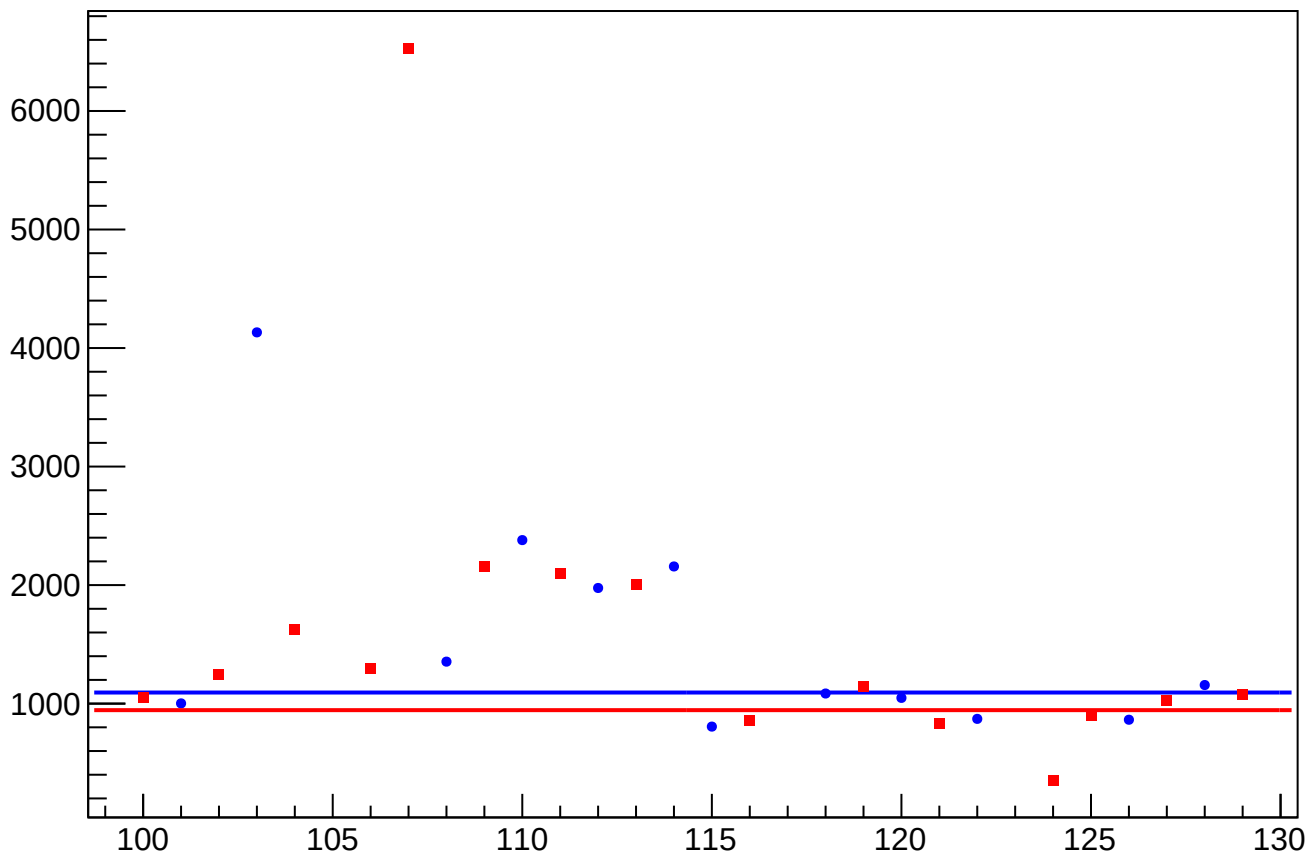
Right: -395.321+/-347.963 χ^2/NDF : 25.2/26

In: -288.115+/-533.832 χ^2/NDF : 12.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -395.321+/-347.963 χ^2/NDF : 25.2/26

asym_atl1_cor_correction_rms vs Slug, Sign Corrected



Right In: 1093.528+/-0.377 χ^2/NDF : 1174067.8/11

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

Right Out: 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

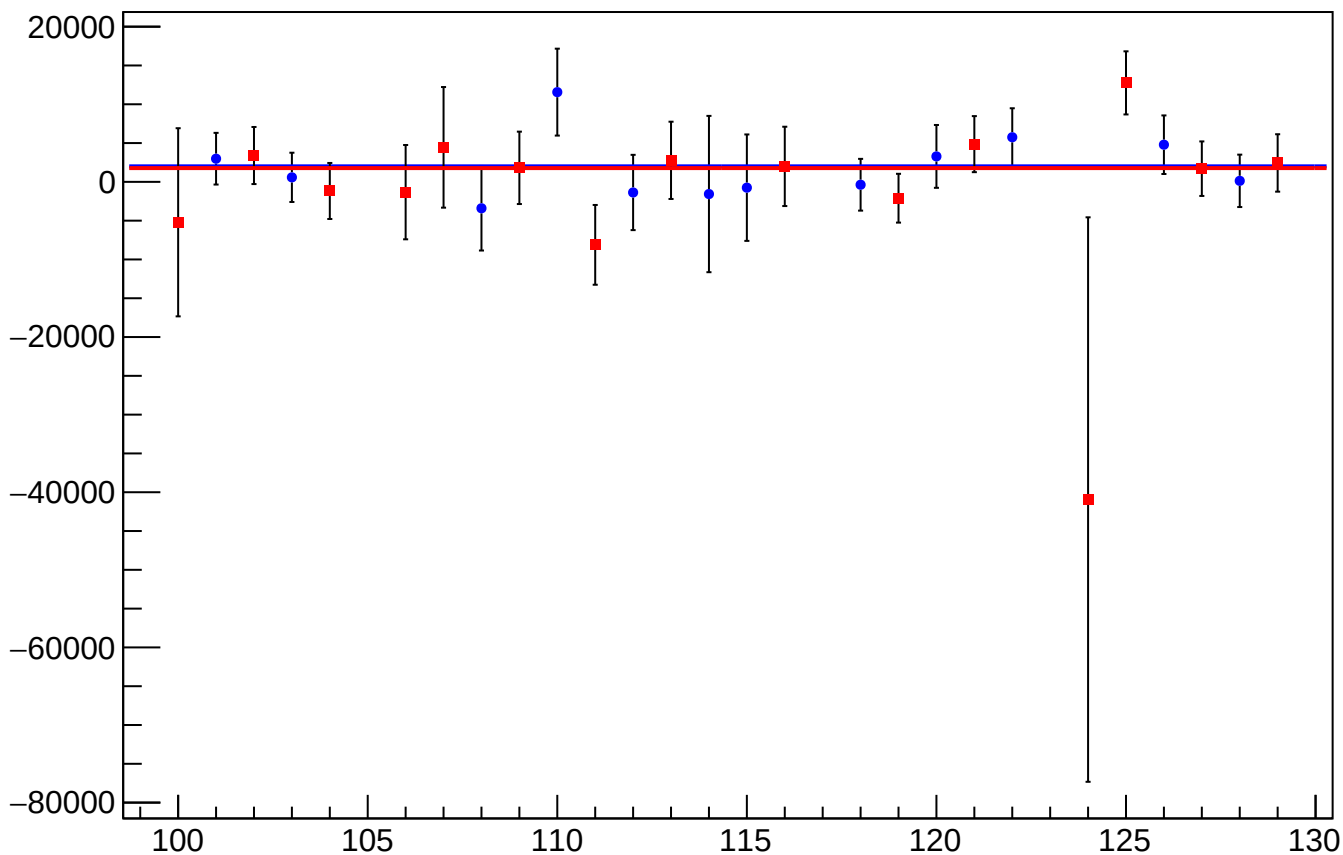
Right: 1008.018+/-0.246 χ^2/NDF : 3554341.3/26

In: 1093.528+/-0.377 χ^2/NDF : 1174067.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1008.018+/-0.246 χ^2/NDF : 3554341.3/26

eigen_cor_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1999.813+/-1187.519 χ^2/NDF : 7.4/11

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

Right Out: 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

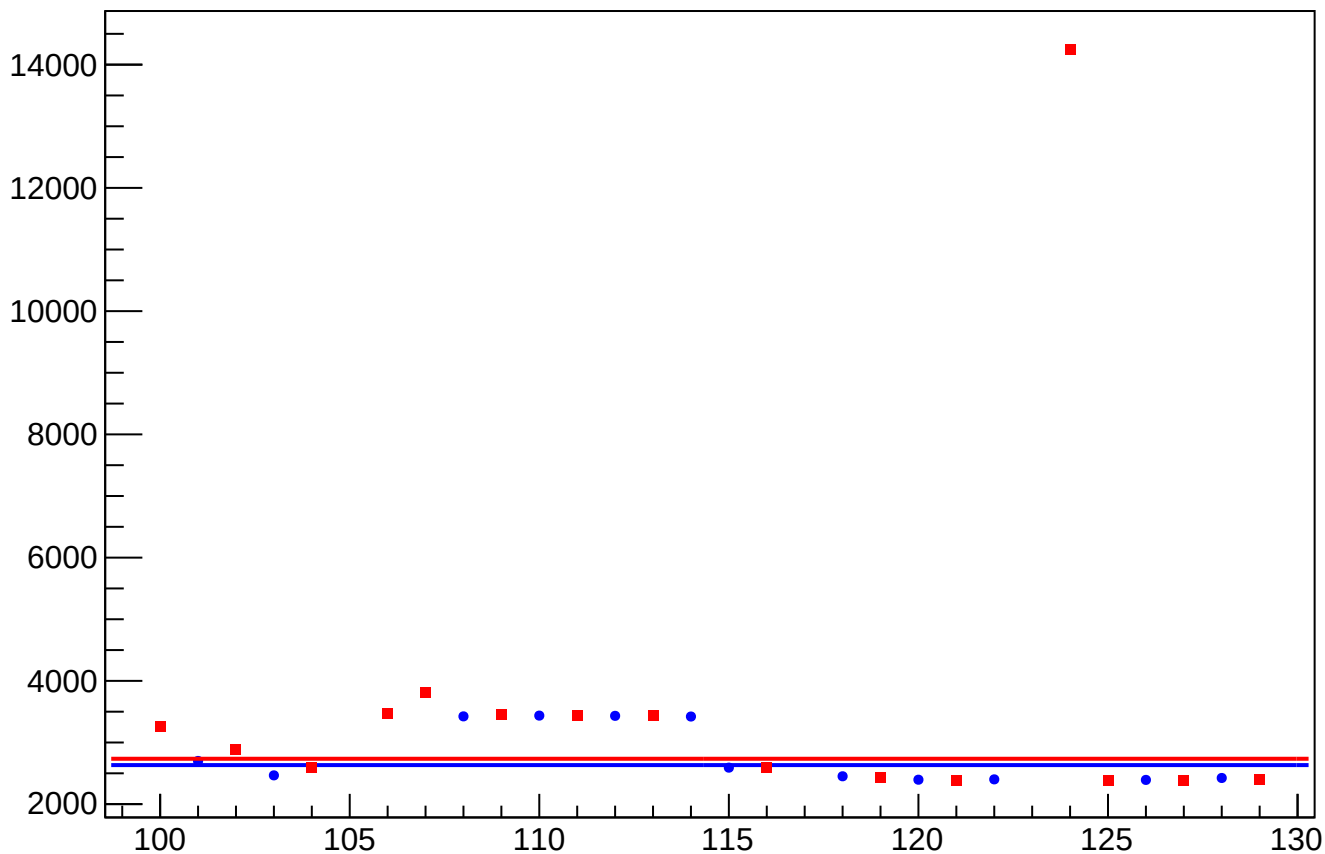
Right: 1883.402+/-826.032 χ^2/NDF : 23.7/26

In: 1999.813+/-1187.519 χ^2/NDF : 7.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1883.402+/-826.032 χ^2/NDF : 23.7/26

eigen_cor_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2633.377+/-0.840 χ^2/NDF : 192437.6/11

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

Right Out: 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

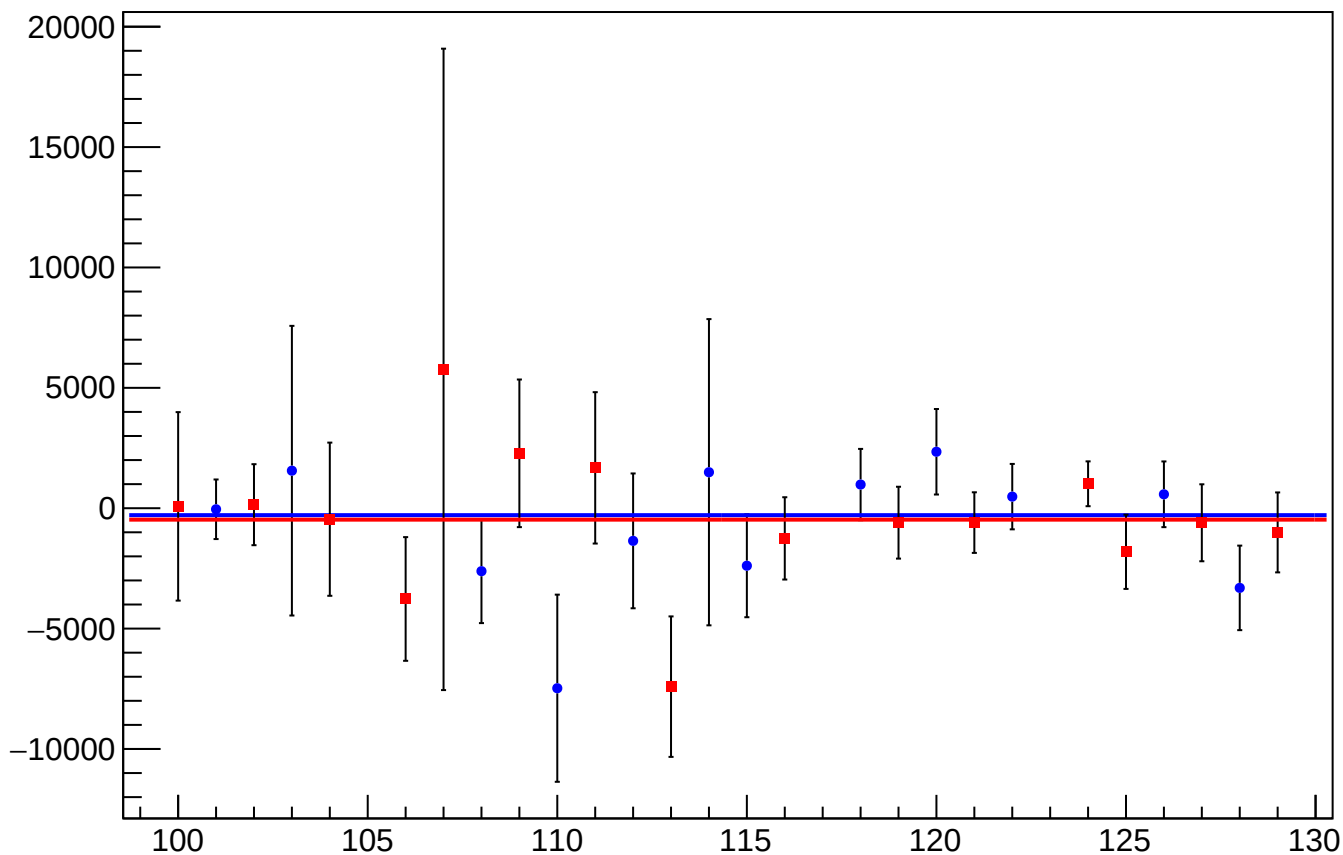
Right: 2686.447+/-0.584 χ^2/NDF : 692970.6/26

In: 2633.377+/-0.840 χ^2/NDF : 192437.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2686.447+/-0.584 χ^2/NDF : 692970.6/26

asym_atl1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -288.115+/-533.832 χ^2/NDF : 12.5/11

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

Right Out: -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

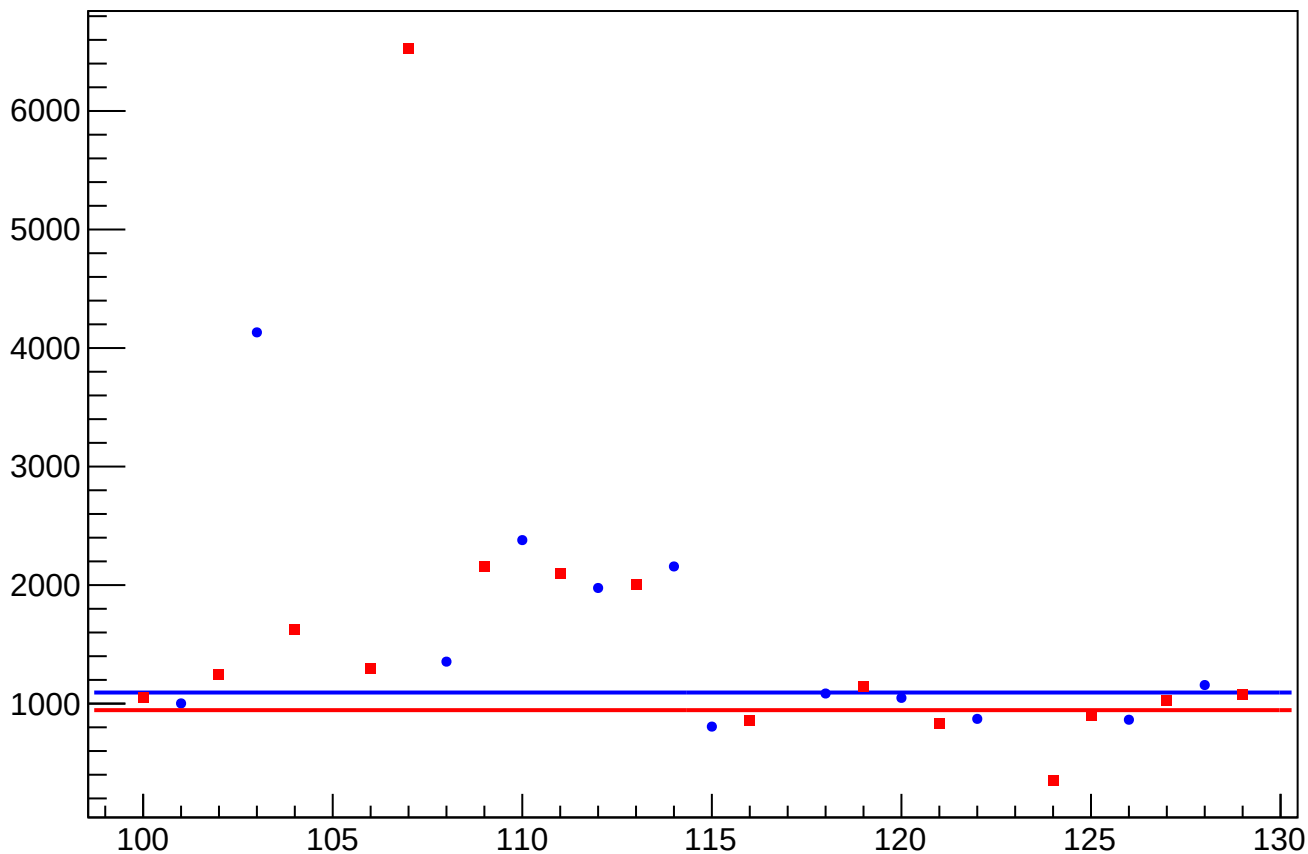
Right: -395.321+/-347.963 χ^2/NDF : 25.2/26

In: -288.115+/-533.832 χ^2/NDF : 12.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -395.321+/-347.963 χ^2/NDF : 25.2/26

asym_atl1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1093.528+/-0.377 χ^2/NDF : 1174067.8/11

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

Right Out: 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

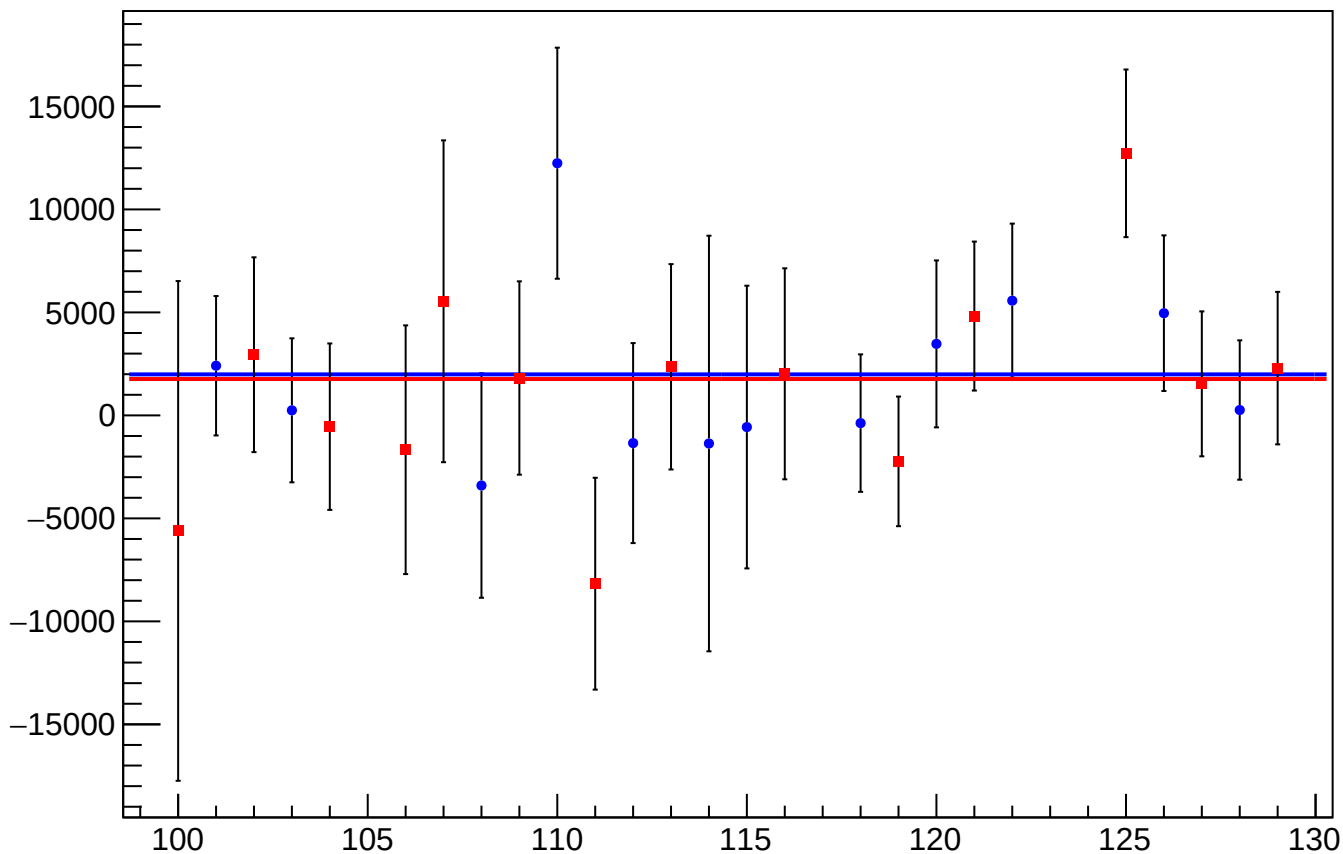
Right: 1008.018+/-0.246 χ^2/NDF : 3554341.3/26

In: 1093.528+/-0.377 χ^2/NDF : 1174067.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1008.018+/-0.246 χ^2/NDF : 3554341.3/26

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1990.894+/-1205.866 χ^2/NDF : 7.7/11

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

Right Out: 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

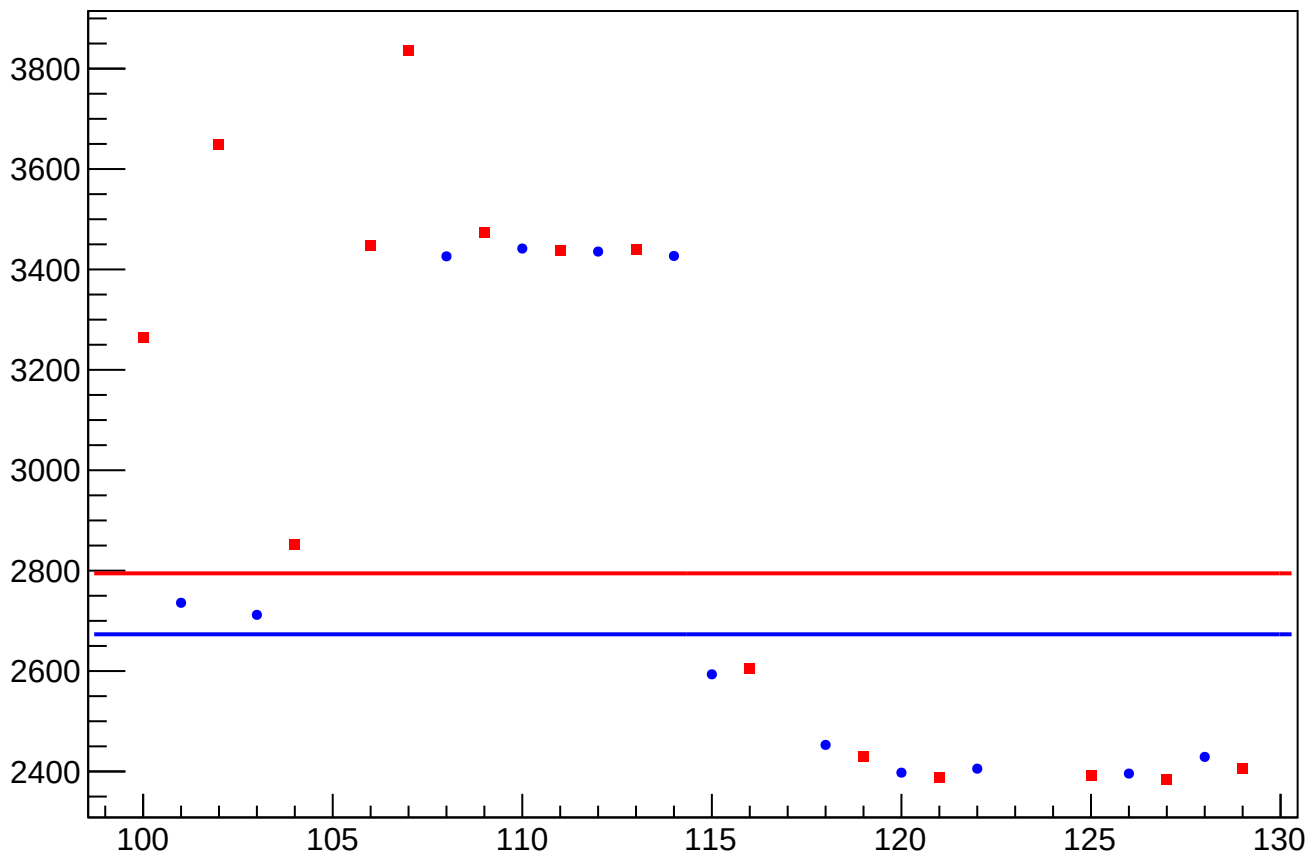
Right: 1876.491+/-845.936 χ^2/NDF : 22.4/25

In: 1990.894+/-1205.866 χ^2/NDF : 7.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1876.491+/-845.936 χ^2/NDF : 22.4/25

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2673.210+/-0.853 χ^2/NDF : 186796.7/11

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

Right Out: 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

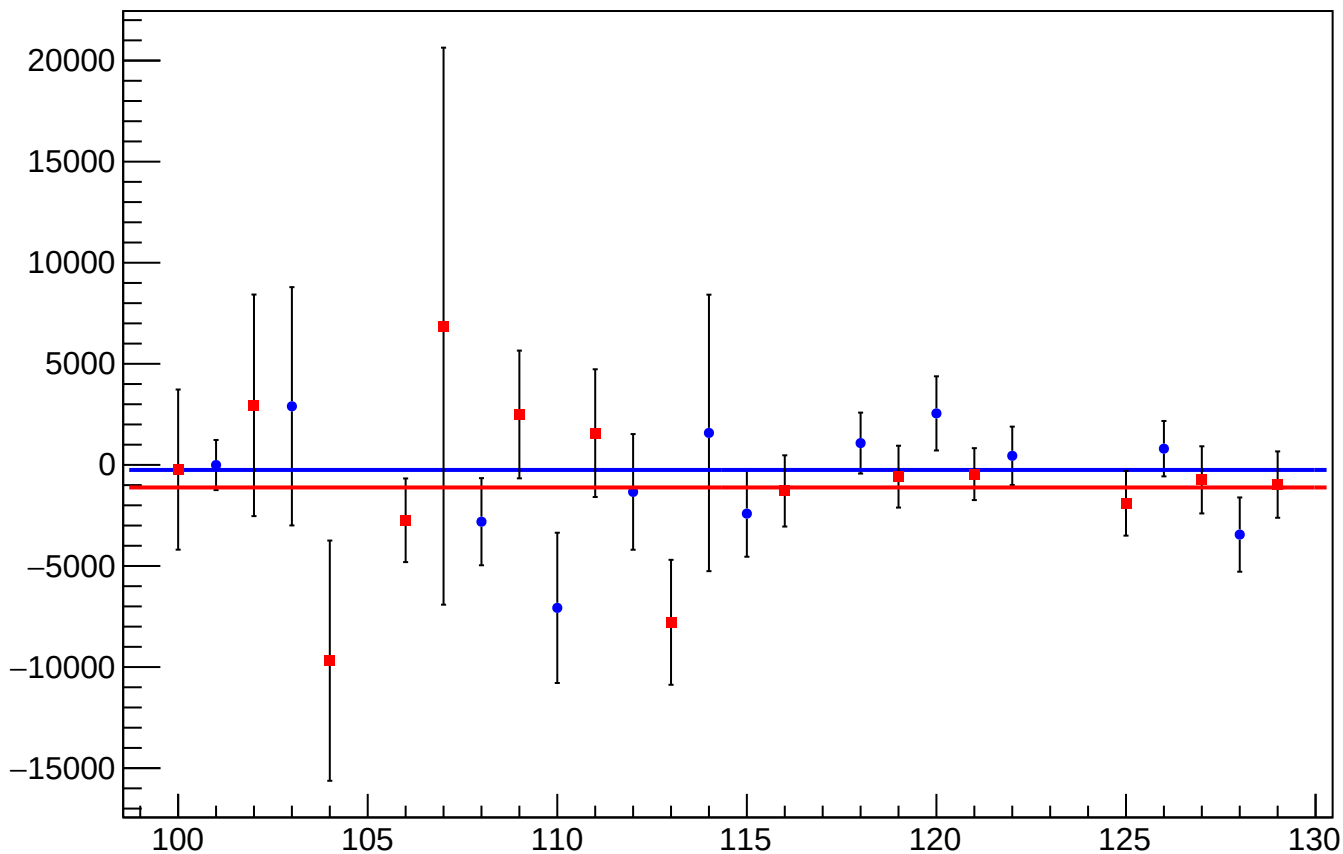
Right: 2734.874+/-0.598 χ^2/NDF : 555098.6/25

In: 2673.210+/-0.853 χ^2/NDF : 186796.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2734.874+/-0.598 χ^2/NDF : 555098.6/25

asym_atl1_dit_correction_mean vs Slug, Sign Corrected



Right In: -249.563+/-544.143 χ^2/NDF : 13.3/11

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

Right Out: -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

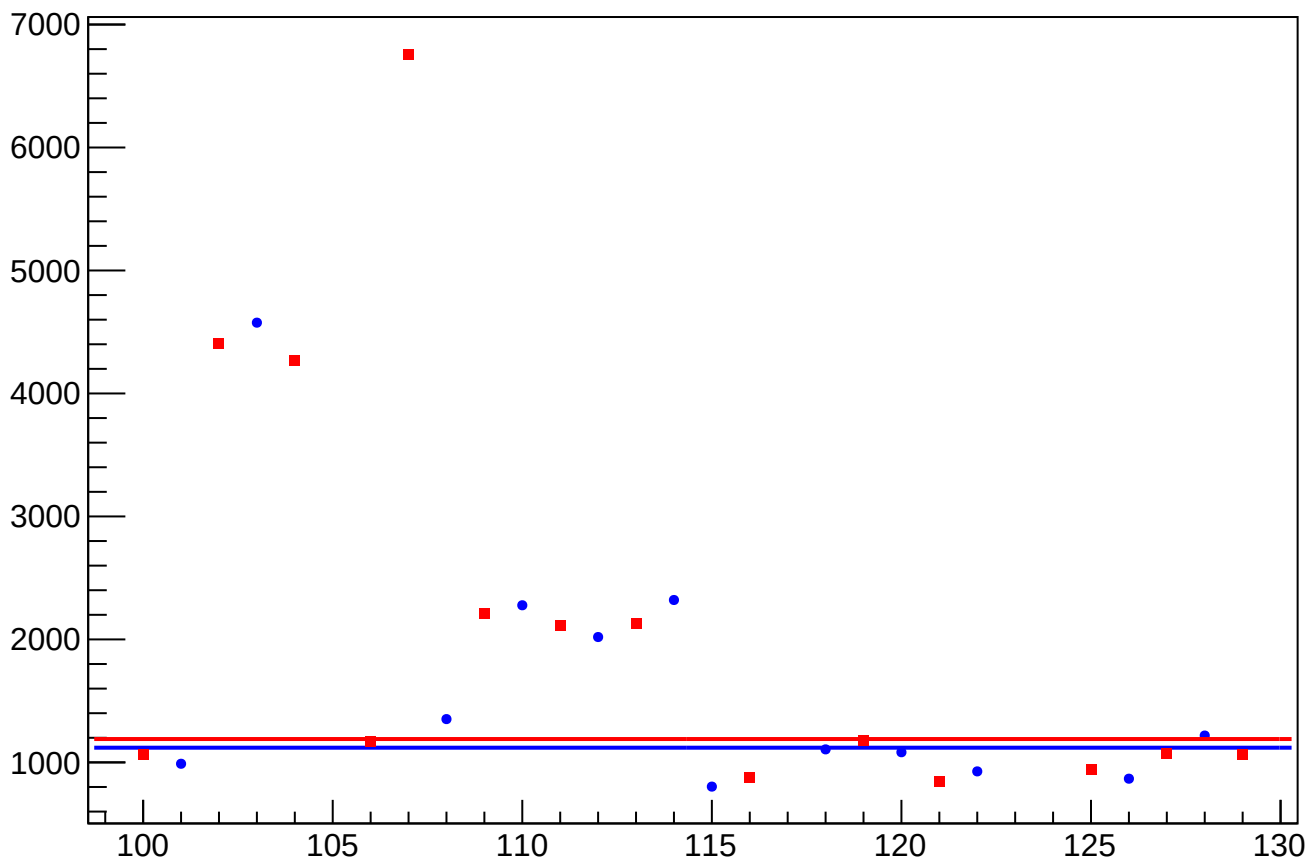
Right: -667.701+/-391.419 χ^2/NDF : 25.5/25

In: -249.563+/-544.143 χ^2/NDF : 13.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -667.701+/-391.419 χ^2/NDF : 25.5/25

asym_atl1_dit_correction_rms vs Slug, Sign Corrected



Right In: 1119.487+/-0.385 χ^2/NDF : 1341277.7/11

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

Right Out: 1189.984+/-0.398 χ^2/NDF : 2389164.6/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

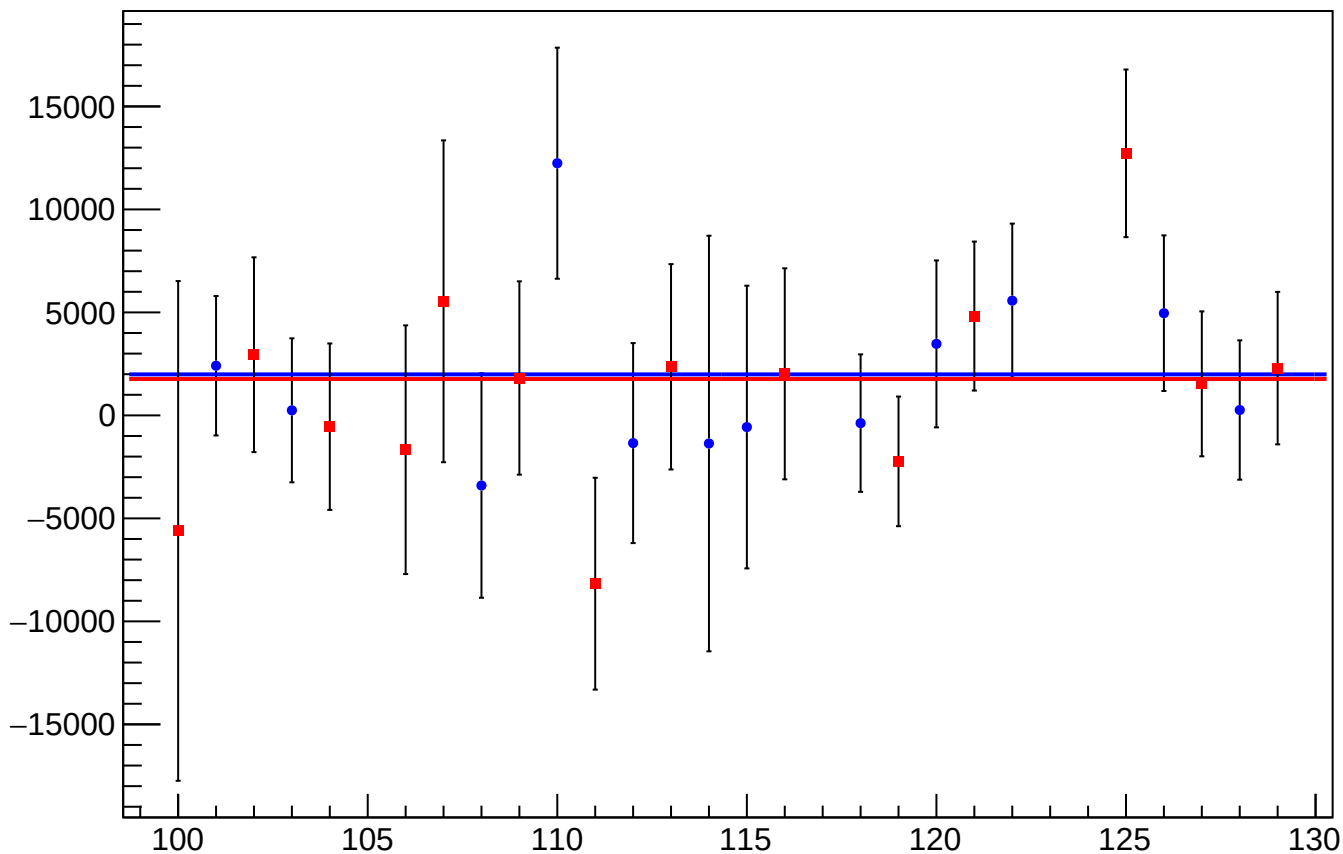
Right: 1153.507+/-0.277 χ^2/NDF : 3746641.7/25

In: 1119.487+/-0.385 χ^2/NDF : 1341277.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1153.507+/-0.277 χ^2/NDF : 3746641.7/25

eigen_dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1990.891+/-1205.866 χ^2/NDF : 7.7/11

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

Right Out: 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

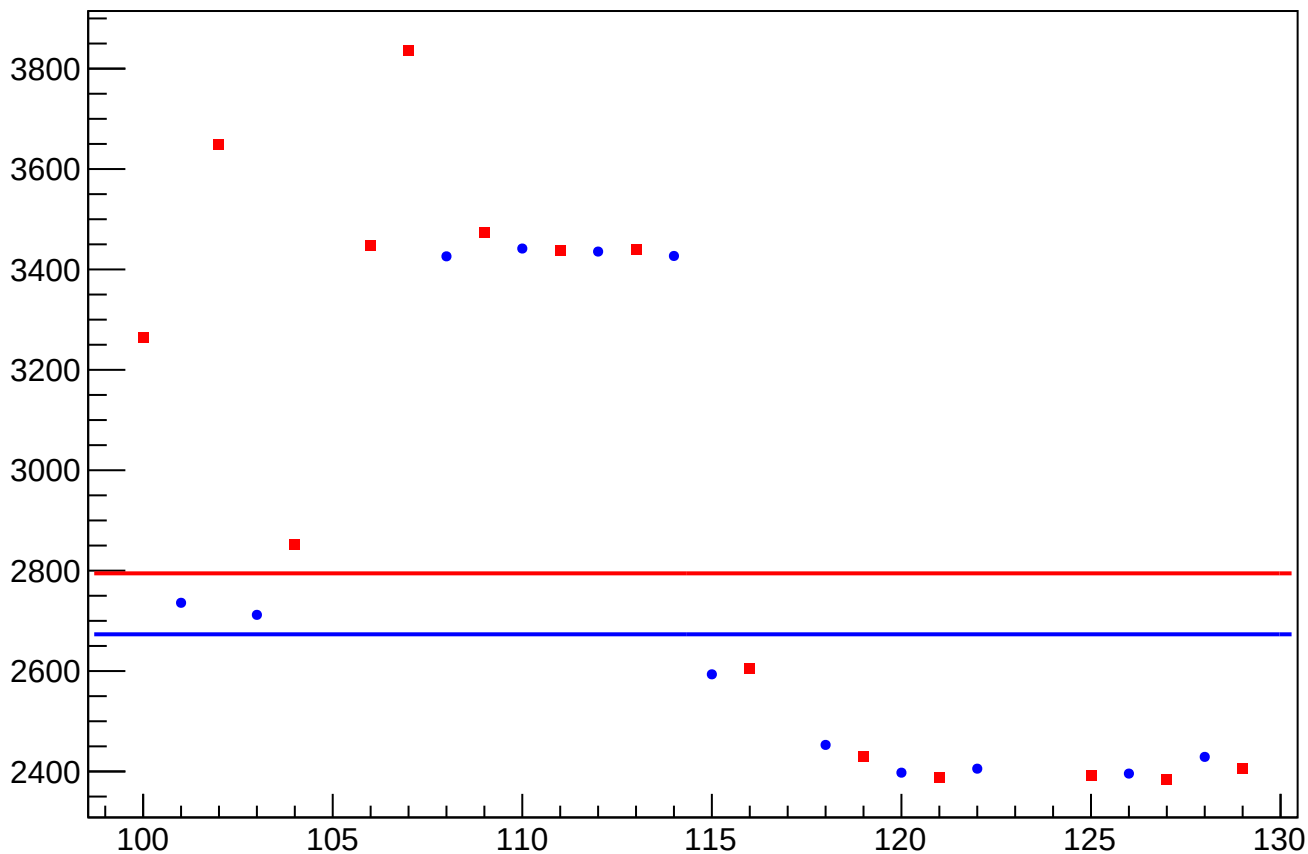
Right: 1876.487+/-845.936 χ^2/NDF : 22.4/25

In: 1990.891+/-1205.866 χ^2/NDF : 7.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1876.487+/-845.936 χ^2/NDF : 22.4/25

eigen_dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2673.209+/-0.853 χ^2/NDF : 186796.7/11

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

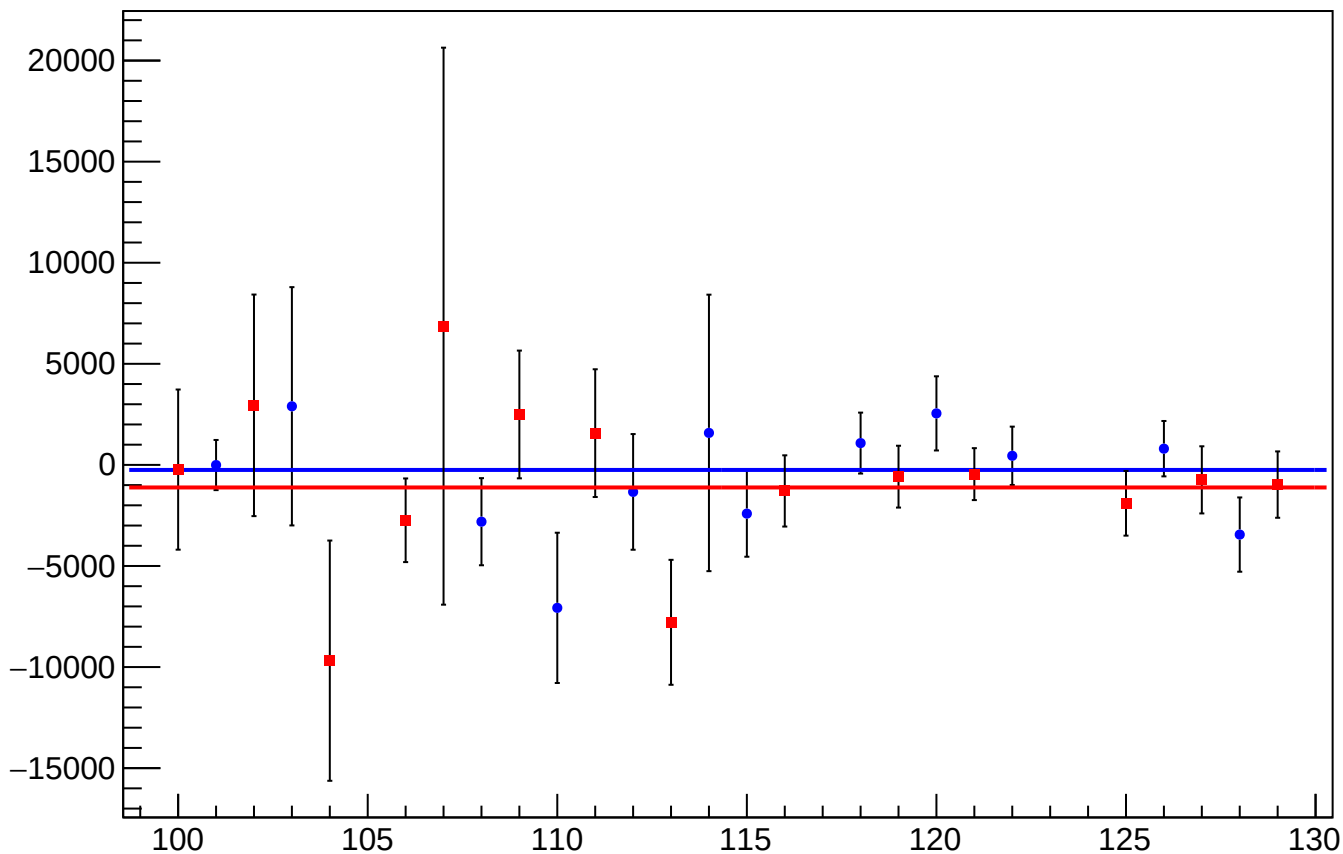
Right: 2734.873+/-0.598 χ^2/NDF : 555098.1/25

In: 2673.209+/-0.853 χ^2/NDF : 186796.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2734.873+/-0.598 χ^2/NDF : 555098.1/25

asym_atl1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -249.565+/-544.142 χ^2/NDF : 13.3/11

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

Right Out: -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

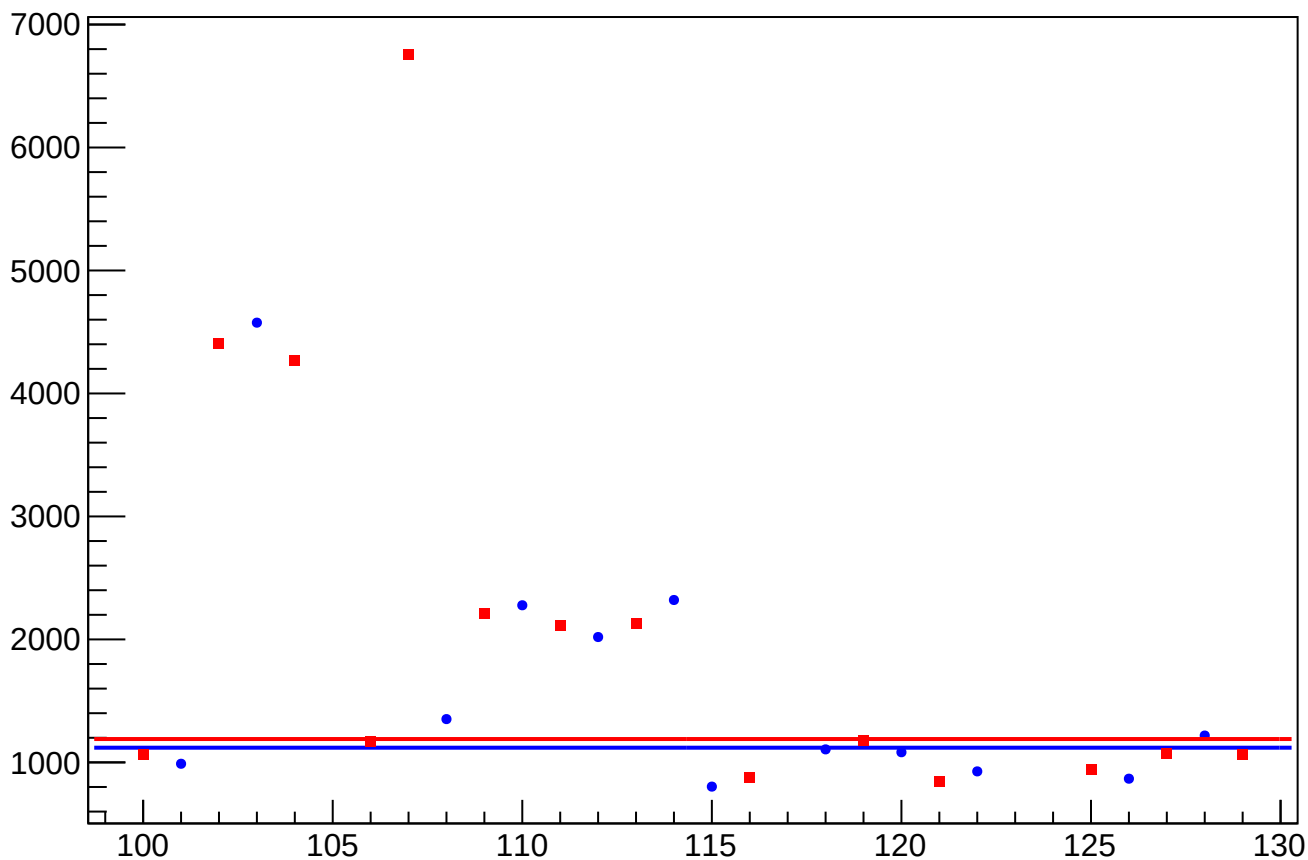
Right: -667.701+/-391.418 χ^2/NDF : 25.5/25

In: -249.565+/-544.142 χ^2/NDF : 13.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -667.701+/-391.418 χ^2/NDF : 25.5/25

asym_atl1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1119.486+/-0.385 χ^2/NDF : 1341278.7/11

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

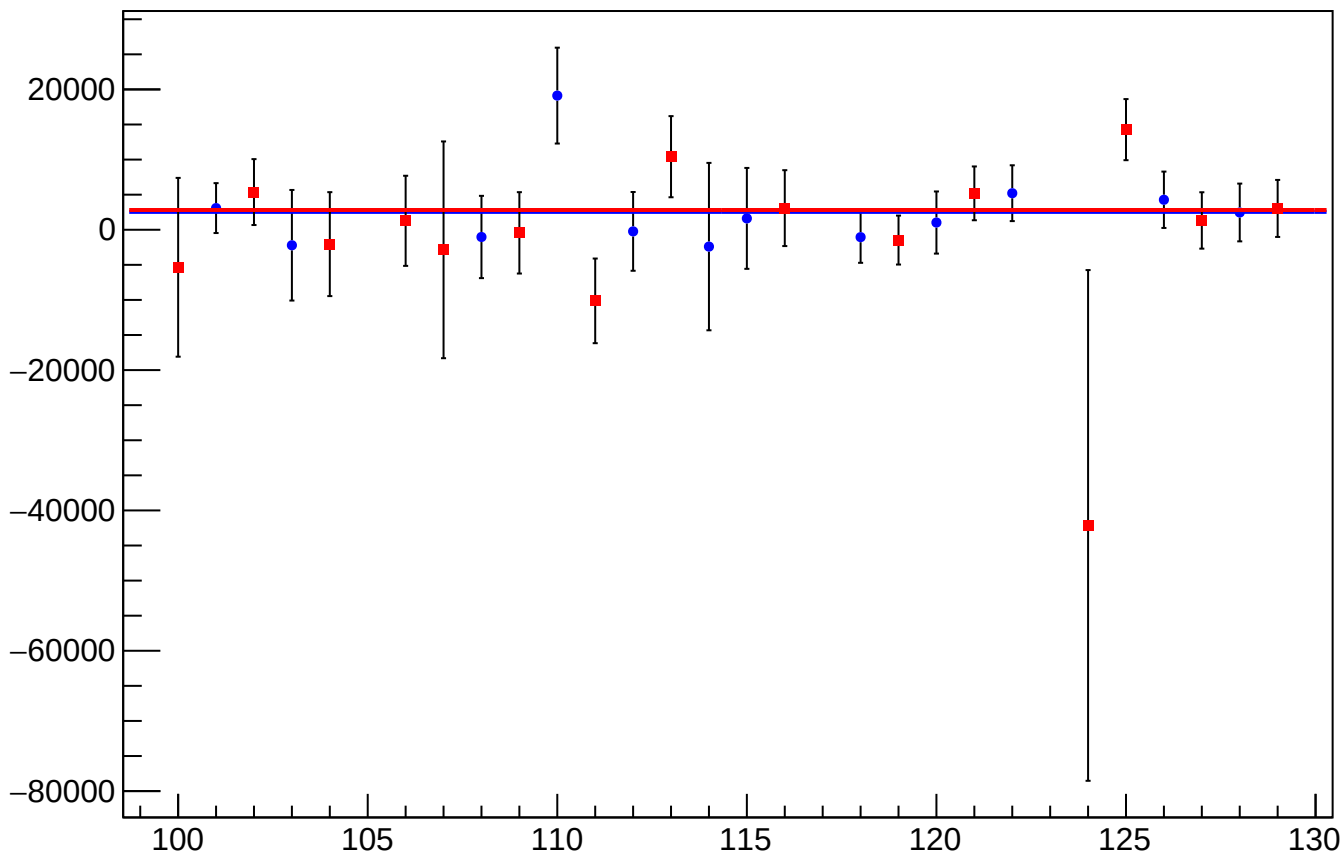
Right: 1153.506+/-0.277 χ^2/NDF : 3746645.1/25

In: 1119.486+/-0.385 χ^2/NDF : 1341278.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1153.506+/-0.277 χ^2/NDF : 3746645.1/25

asym_atl1_mean vs Slug, Sign Corrected



Right In: 2548.781+/-1395.266 χ^2/NDF : 8.8/11

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

Right Out: 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

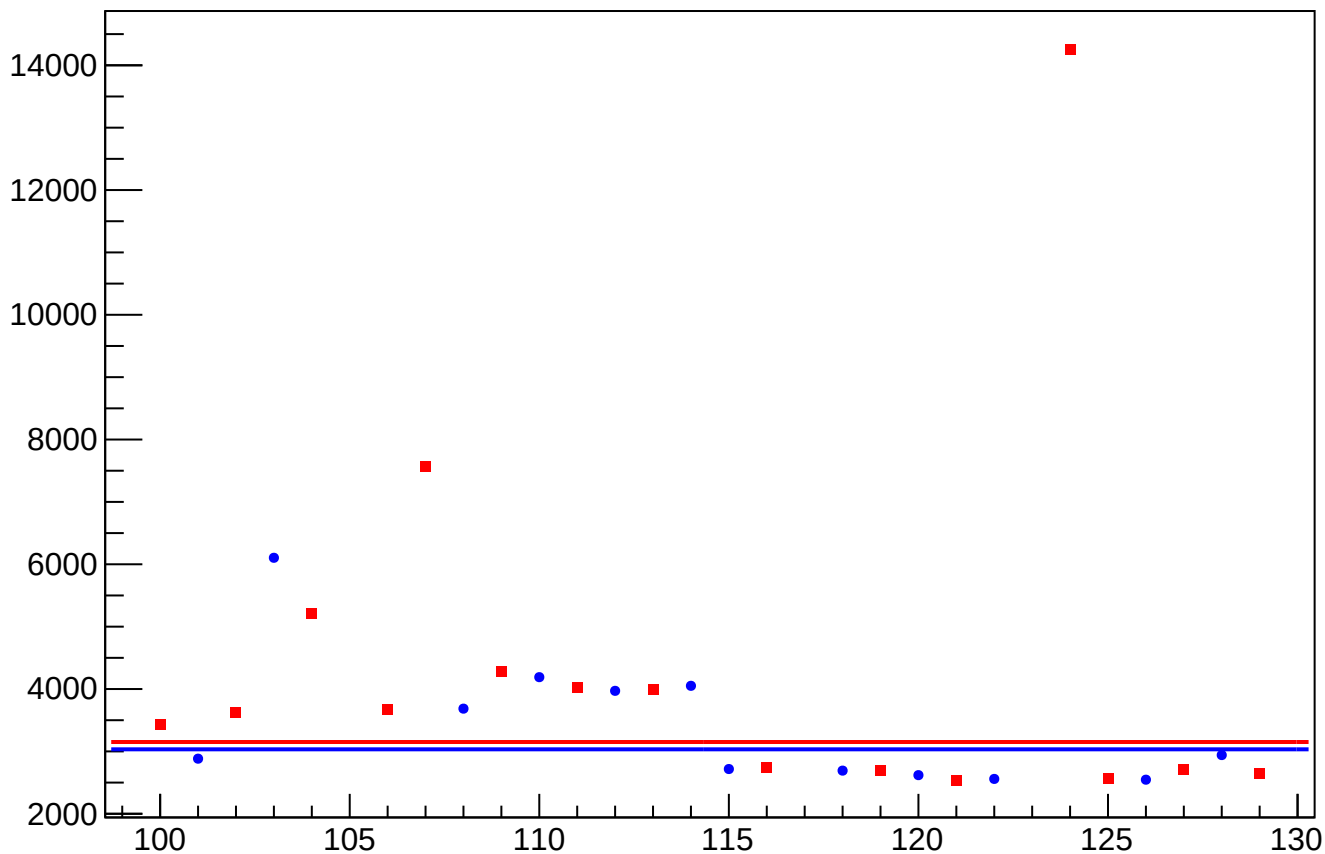
Right: 2686.192+/-971.529 χ^2/NDF : 27.3/26

In: 2548.781+/-1395.266 χ^2/NDF : 8.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2686.192+/-971.529 χ^2/NDF : 27.3/26

asym_atl1_rms vs Slug, Sign Corrected



Right In: 3033.230+/-0.987 χ^2/NDF : 557327.9/11

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

Right Out: 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

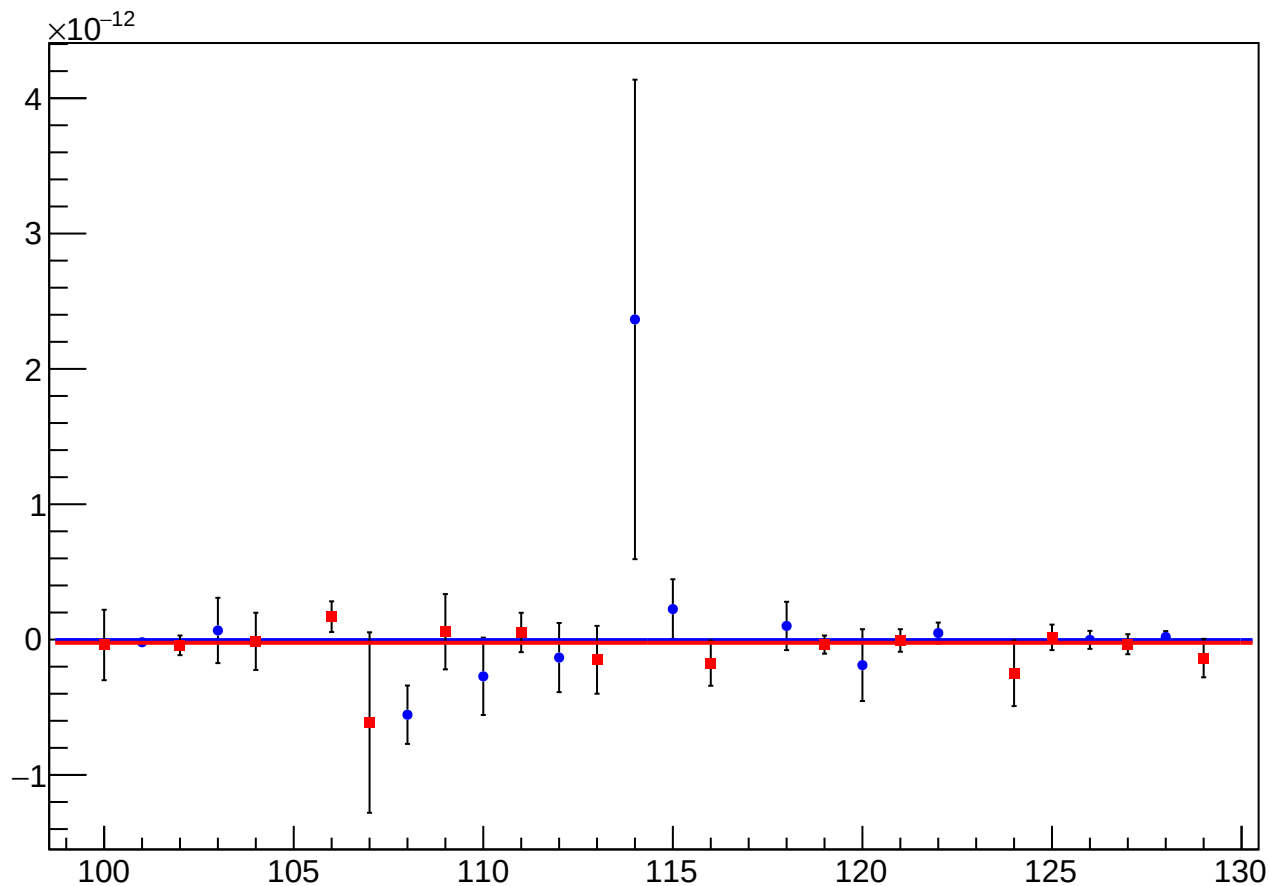
Right: 3093.749+/-0.687 χ^2/NDF : 1453630.4/26

In: 3033.230+/-0.987 χ^2/NDF : 557327.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3093.749+/-0.687 χ^2/NDF : 1453630.4/26

asym_atl1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 12.4/11

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

Right Out: -0.000+/-0.000 χ^2 /NDF: 6.9/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

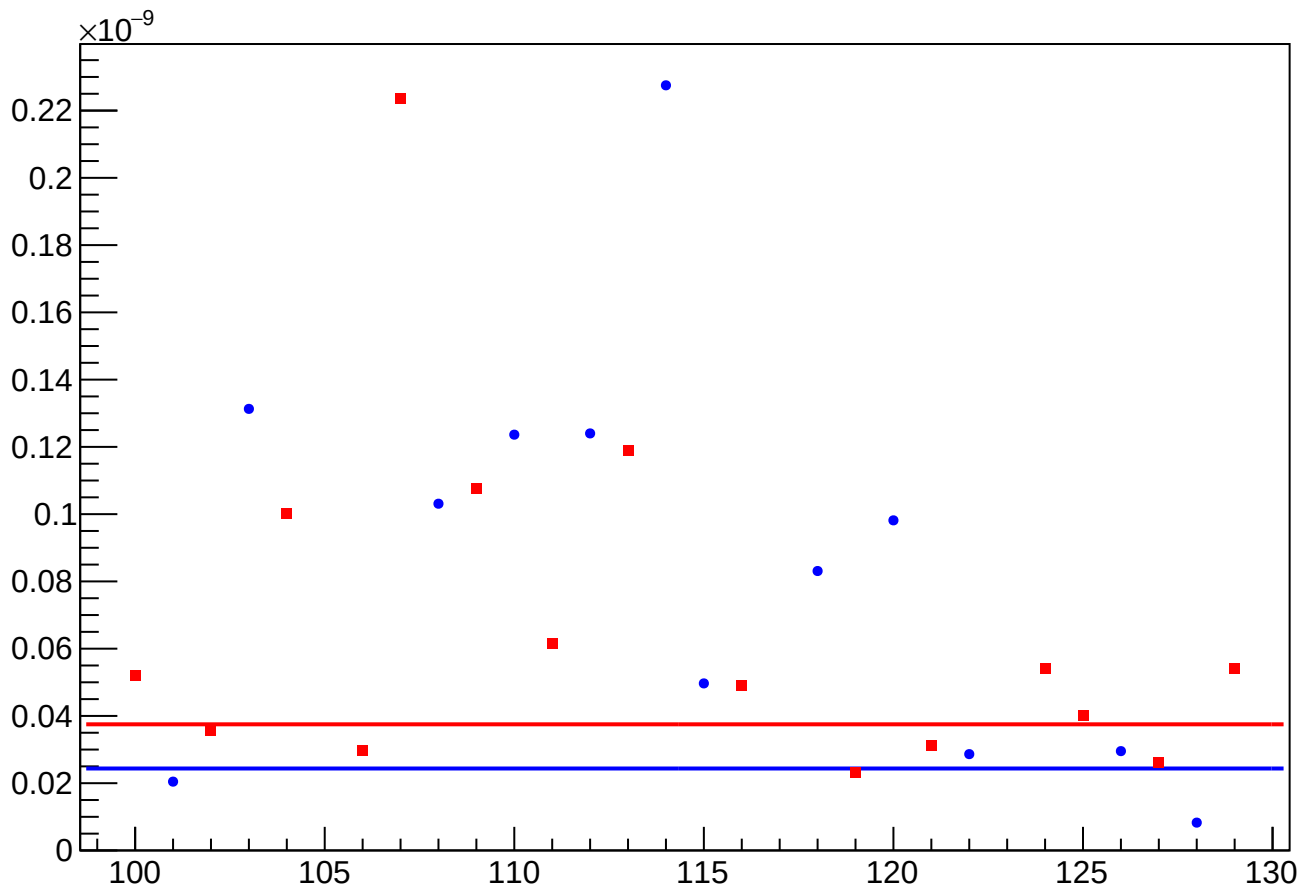
Right: -0.000+/-0.000 χ^2 /NDF: 19.6/26

In: -0.000+/-0.000 χ^2 /NDF:12.4/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 19.6/26

asym_atl1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1949306.0/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 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

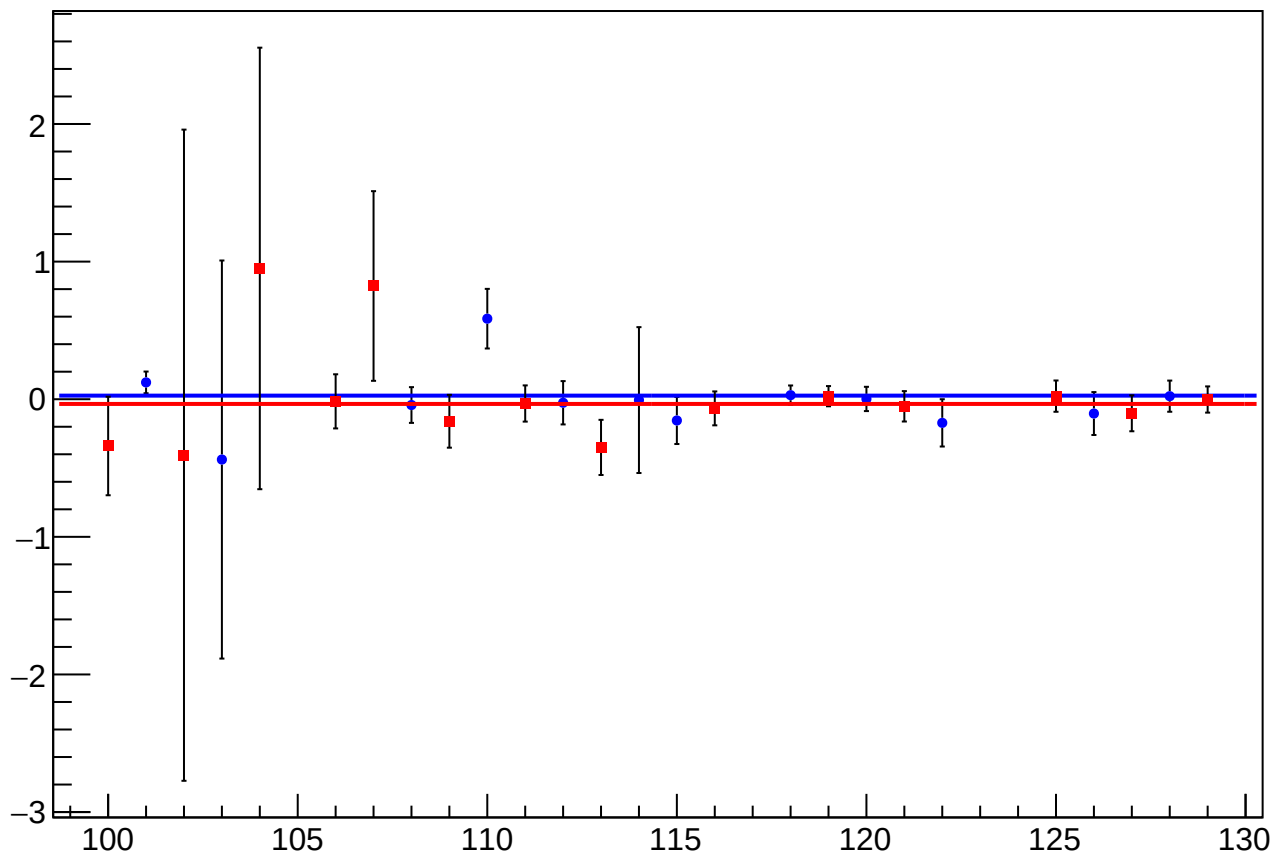
Right: 0.000+/-0.000 χ^2/NDF : 3133581.9/26

In: 0.000+/-0.000 χ^2/NDF : 1949306.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3133581.9/26

asym_atl1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026 $\pm$ 0.035 χ^2 /NDF: 11.9/11

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

Right Out: -0.034 $\pm$ 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

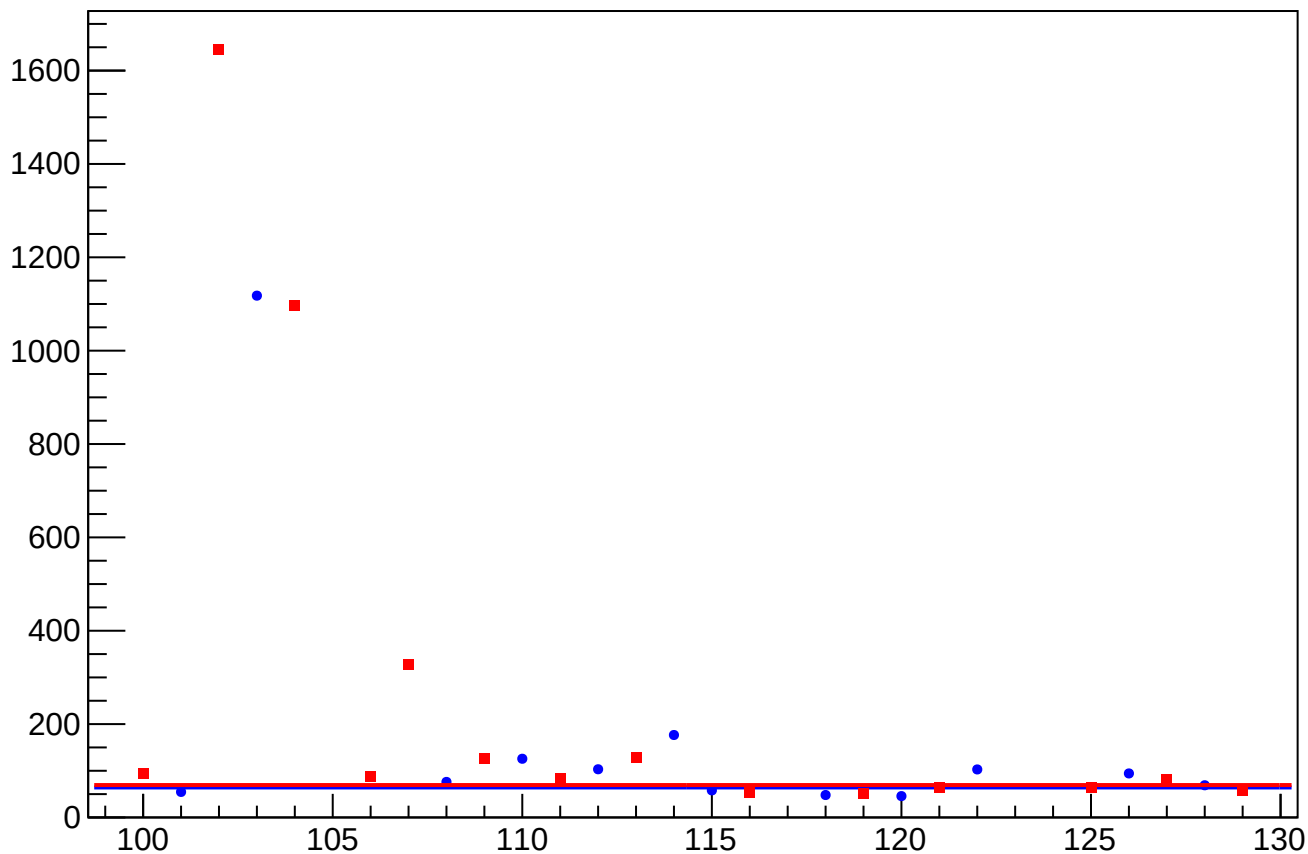
Right: -0.003 $\pm$ 0.026 χ^2 /NDF: 20.2/25

In: 0.026 $\pm$ 0.035 χ^2 /NDF:11.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.003 $\pm$ 0.026 χ^2 /NDF: 20.2/25

asym_atl1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 64.250+/-0.025 χ^2/NDF : 1856756.0/11

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

Right Out: 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

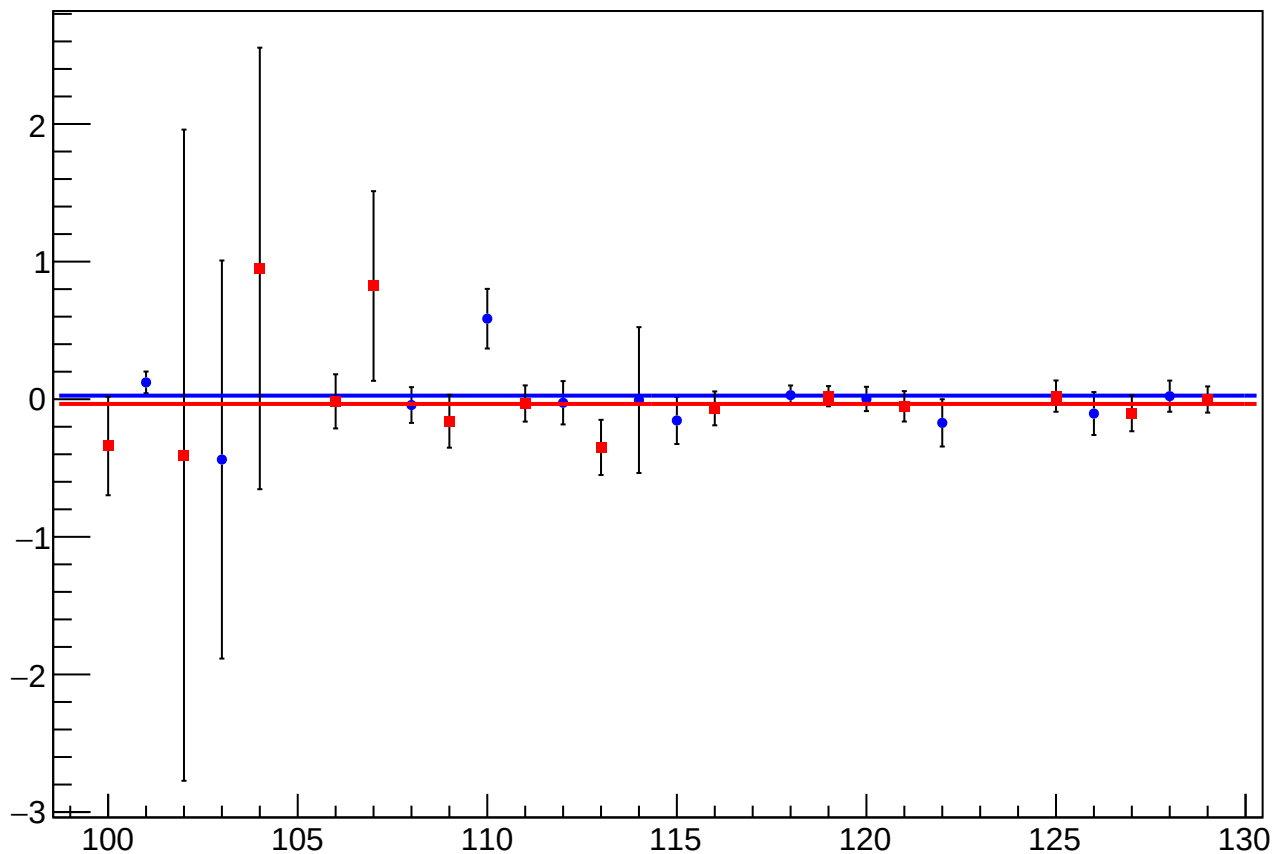
Right: 66.699+/-0.018 χ^2/NDF : 4464585.7/25

In: 64.250+/-0.025 χ^2/NDF : 1856756.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.699+/-0.018 χ^2/NDF : 4464585.7/25

asym_atl1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026 $\pm$ 0.035 χ^2 /NDF: 11.9/11

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

Right Out: -0.034 $\pm$ 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

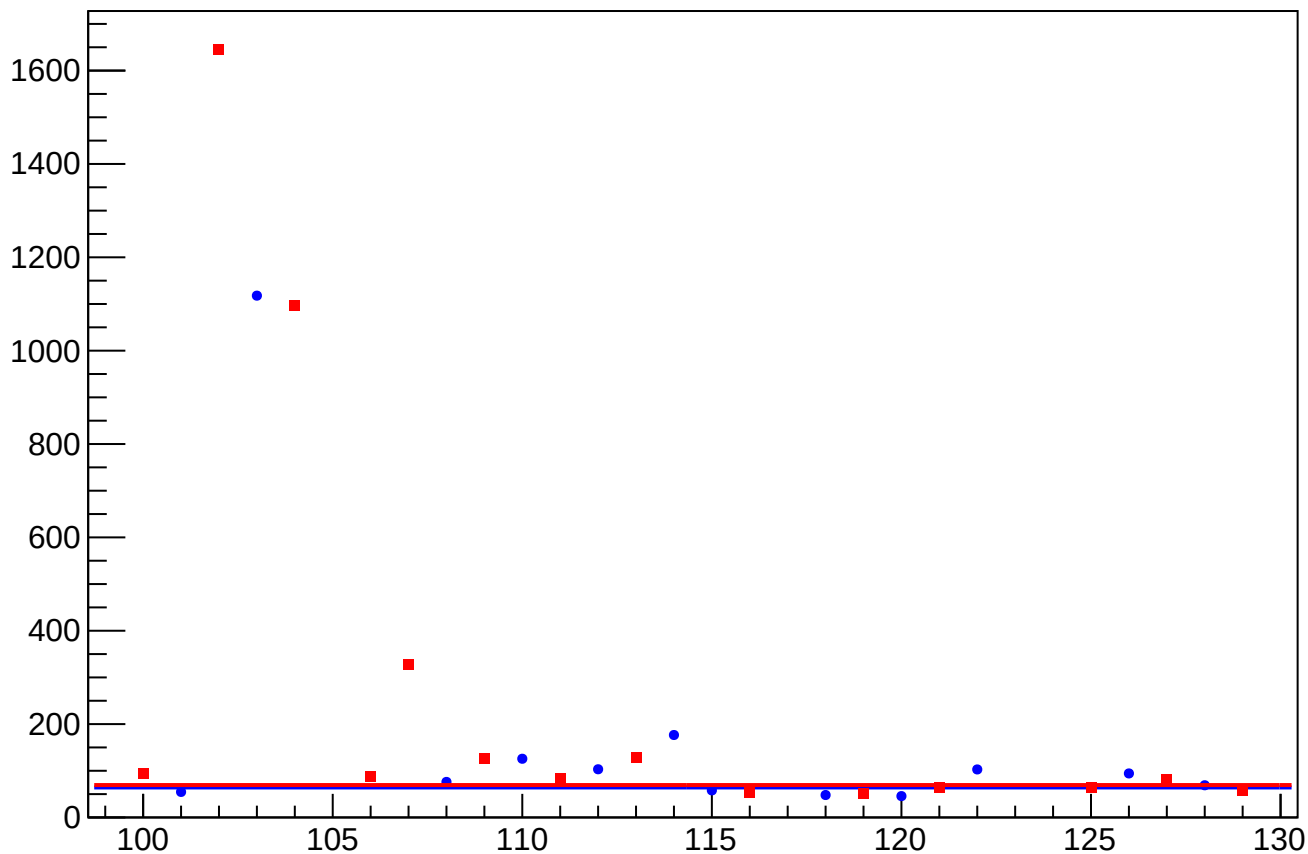
Right: -0.003 $\pm$ 0.026 χ^2 /NDF: 20.2/25

In: 0.026 $\pm$ 0.035 χ^2 /NDF:11.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.003 $\pm$ 0.026 χ^2 /NDF: 20.2/25

asym_atl1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 64.250+/-0.025 χ^2/NDF : 1856756.0/11

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

Right Out: 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

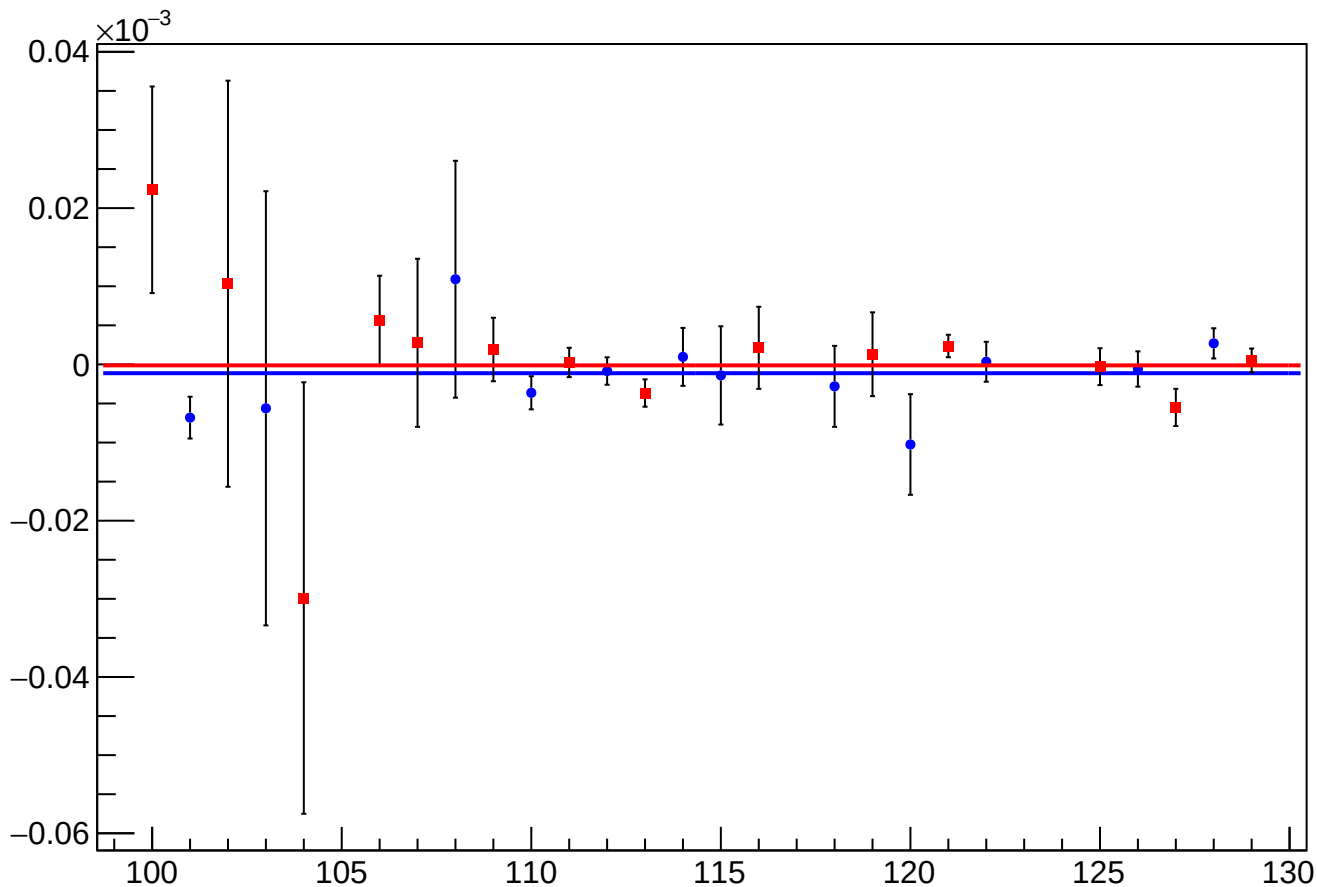
Right: 66.699+/-0.018 χ^2/NDF : 4464585.7/25

In: 64.250+/-0.025 χ^2/NDF : 1856756.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.699+/-0.018 χ^2/NDF : 4464585.7/25

asym_atl1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 13.3/11

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

Right Out: -0.000+/-0.000 χ^2 /NDF: 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

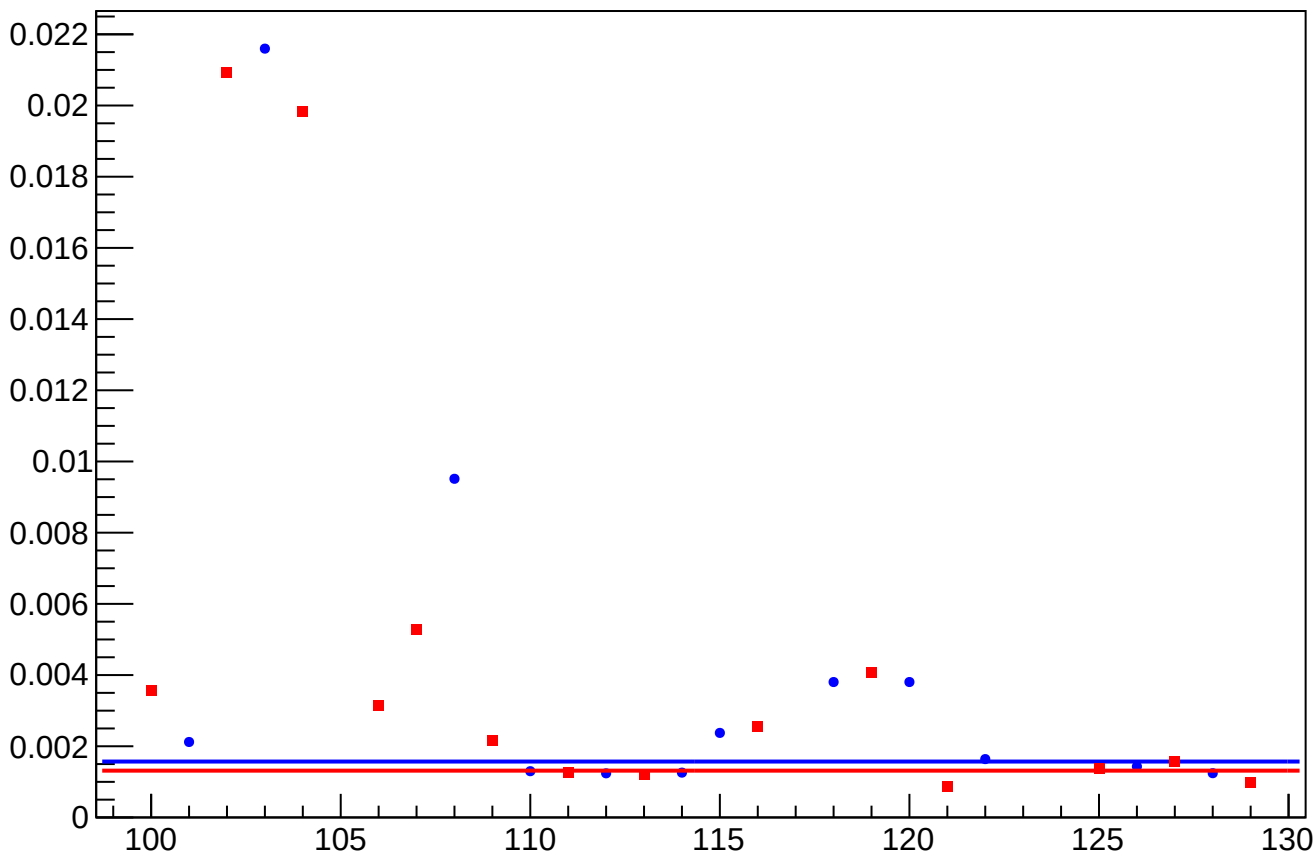
Right: -0.000+/-0.000 χ^2 /NDF: 32.3/25

In: -0.000+/-0.000 χ^2 /NDF:13.3/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 32.3/25

asym_atl1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2501982.9/11

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

Right Out: 0.001+/-0.000 χ^2/NDF : 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

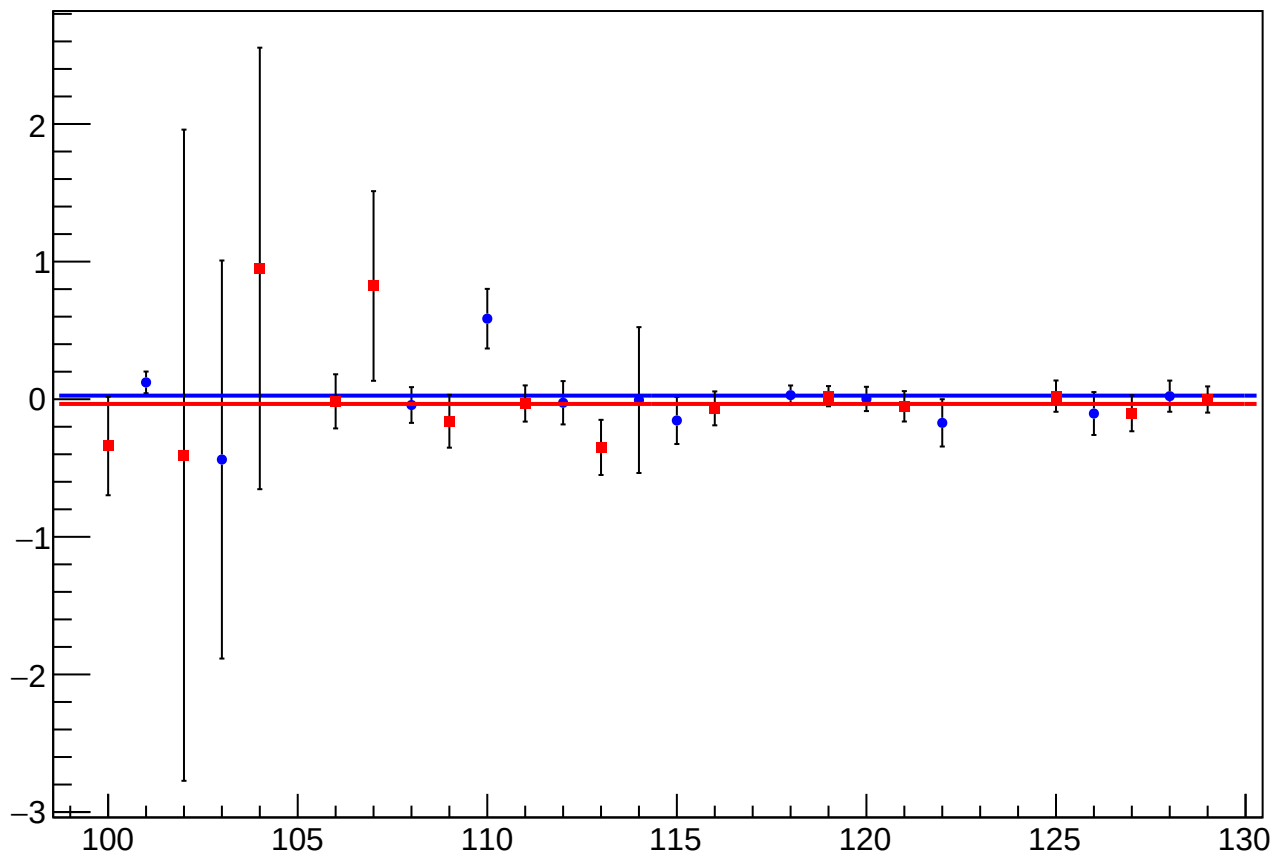
Right: 0.001+/-0.000 χ^2/NDF : 6218792.5/25

In: 0.002+/-0.000 χ^2/NDF :2501982.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6218792.5/25

asym_atl1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026 $\pm$ 0.035 χ^2 /NDF: 11.9/11

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

Right Out: -0.034 $\pm$ 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

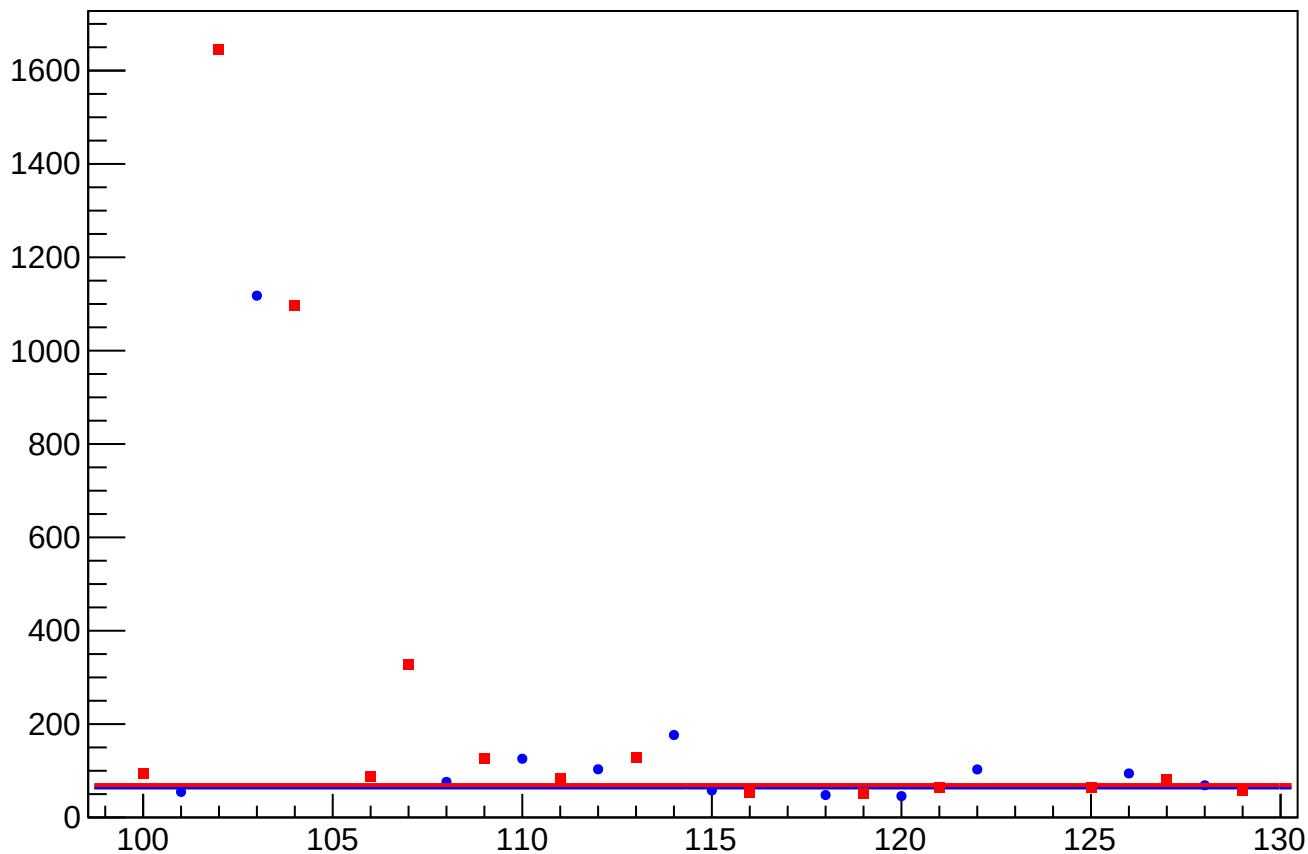
Right: -0.003 $\pm$ 0.026 χ^2 /NDF: 20.2/25

In: 0.026 $\pm$ 0.035 χ^2 /NDF:11.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.003 $\pm$ 0.026 χ^2 /NDF: 20.2/25

asym_atl1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 64.249+/-0.025 χ^2/NDF : 1856826.0/11

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

Right Out: 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

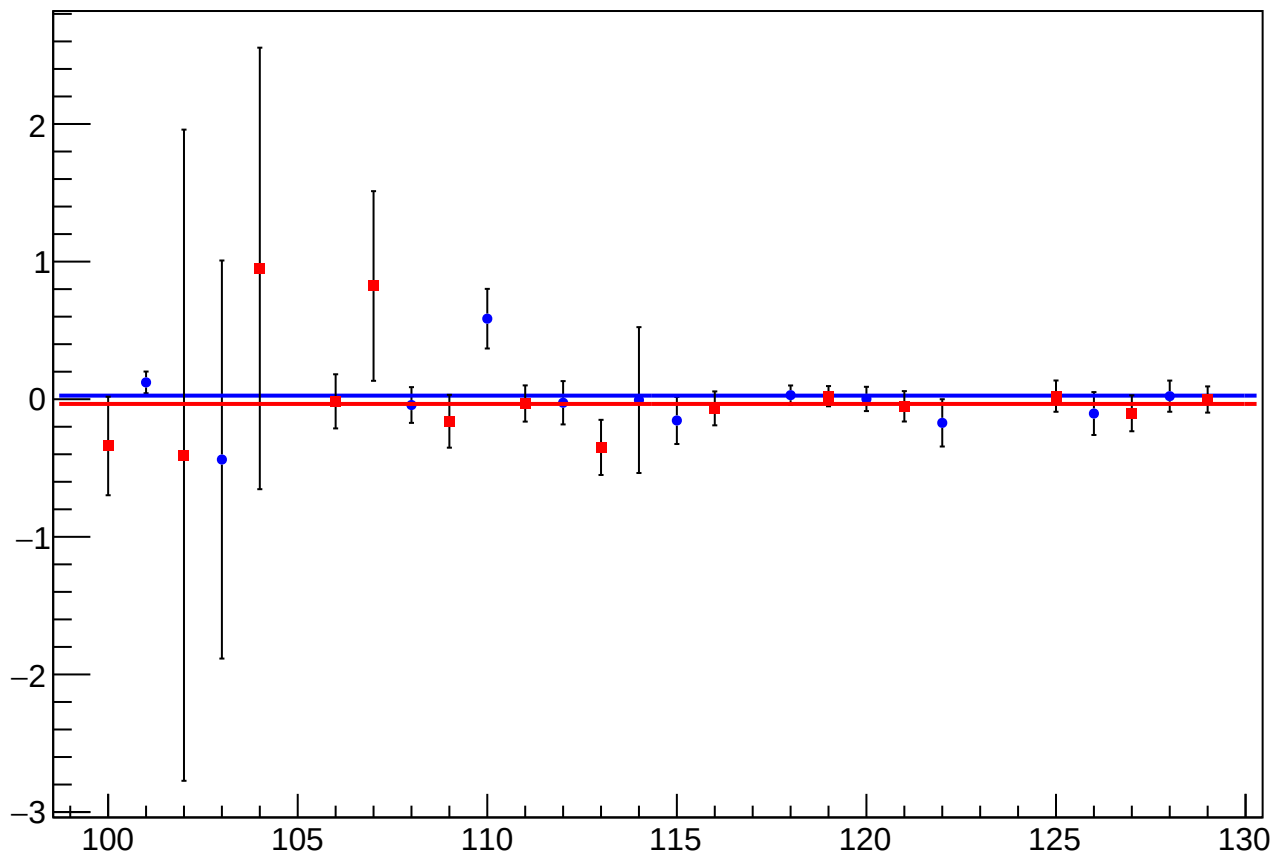
Right: 66.698+/-0.018 χ^2/NDF : 4464675.9/25

In: 64.249+/-0.025 χ^2/NDF : 1856826.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.698+/-0.018 χ^2/NDF : 4464675.9/25

asym_atl1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026+/-0.035 χ^2/NDF : 11.9/11

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

Right Out: -0.034+/-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

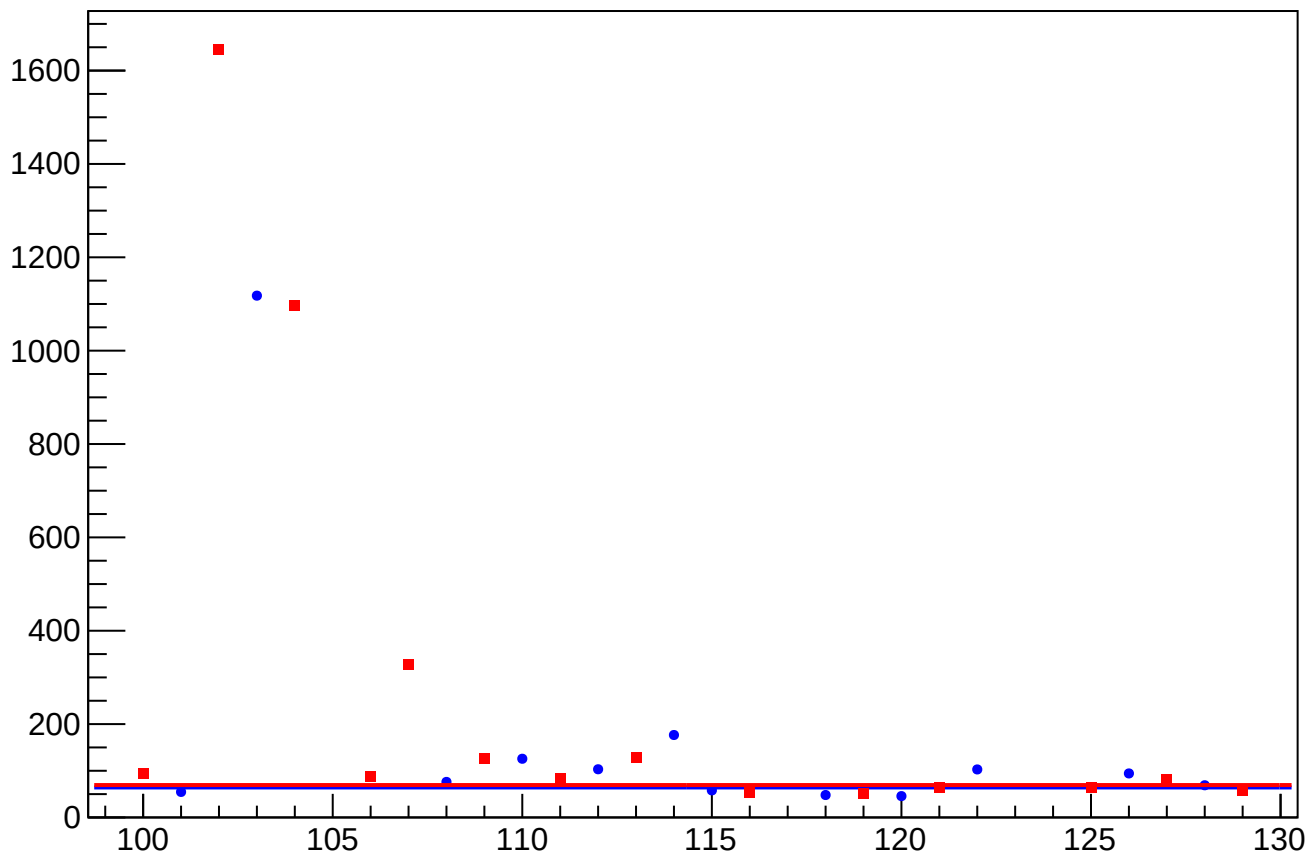
Right: -0.003+/-0.026 χ^2/NDF : 20.2/25

In: 0.026+/-0.035 χ^2/NDF :11.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.003+/-0.026 χ^2/NDF : 20.2/25

asym_atl1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 64.249+/-0.025 χ^2/NDF : 1856826.0/11

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

Right Out: 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

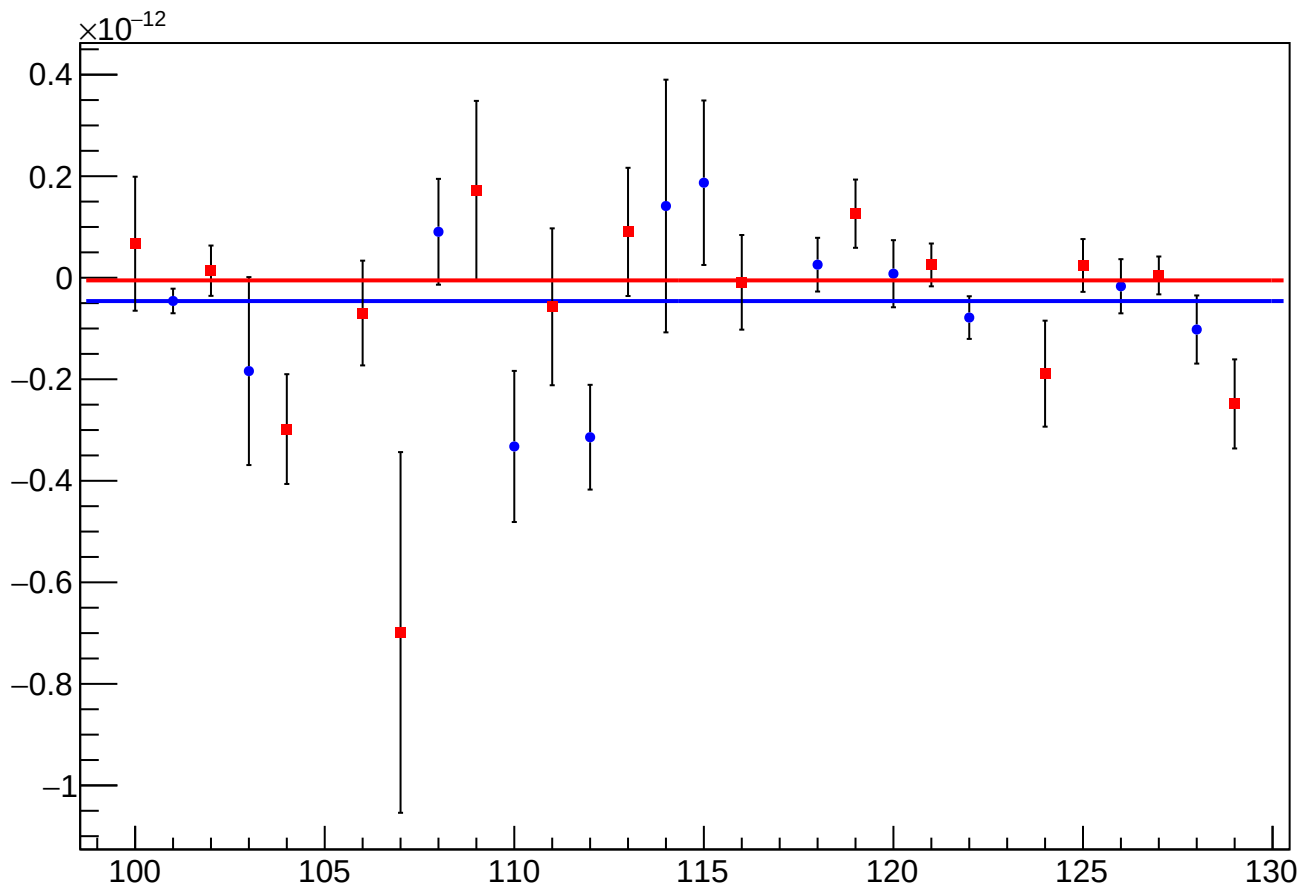
Right: 66.698+/-0.018 χ^2/NDF : 4464675.9/25

In: 64.249+/-0.025 χ^2/NDF : 1856826.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.698+/-0.018 χ^2/NDF : 4464675.9/25

asym_atl1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 19.5/11

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

Right Out: -0.000+/-0.000 χ^2 /NDF: 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

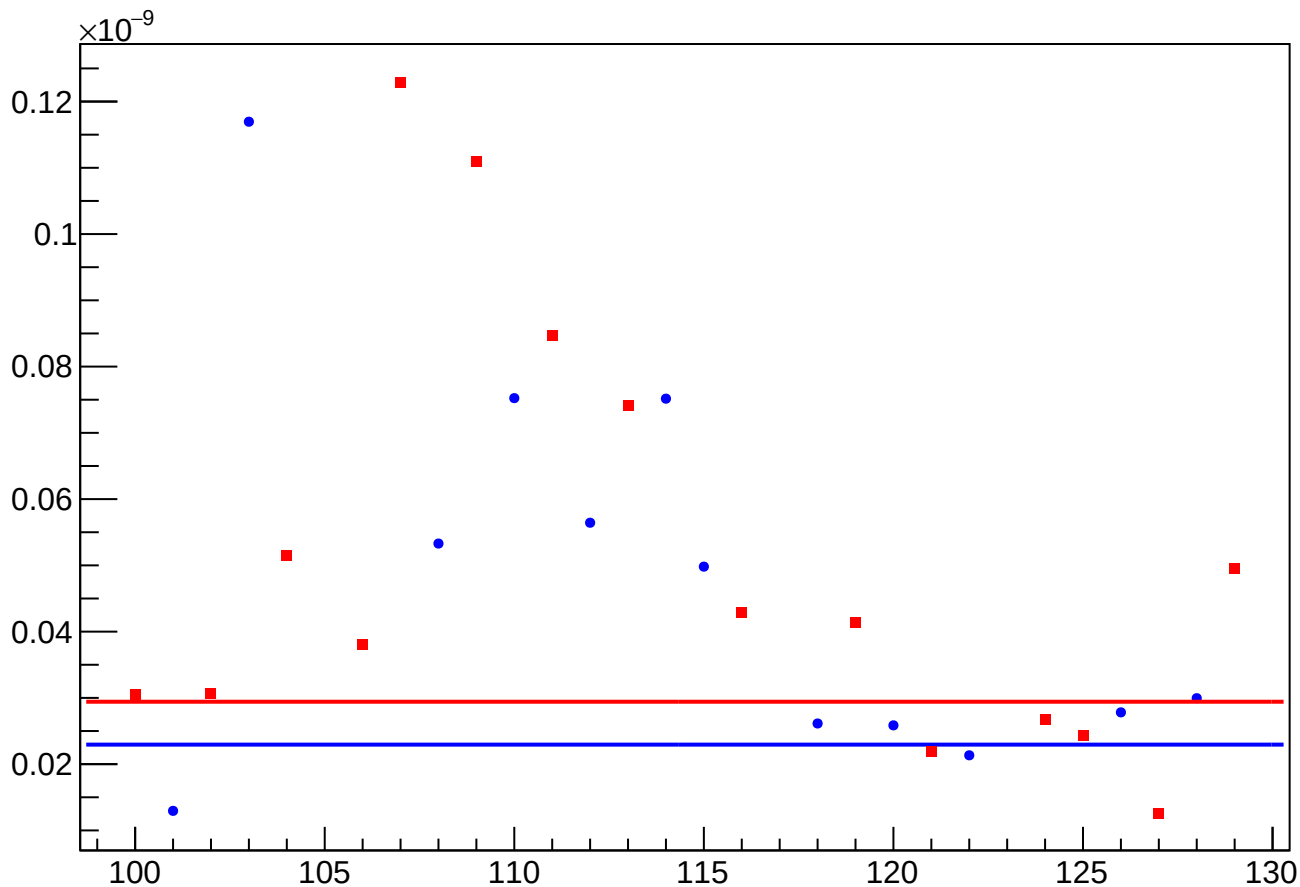
Right: -0.000+/-0.000 χ^2 /NDF: 51.4/26

In: -0.000+/-0.000 χ^2 /NDF:19.5/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 51.4/26

asym_atl1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1679531.5/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 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

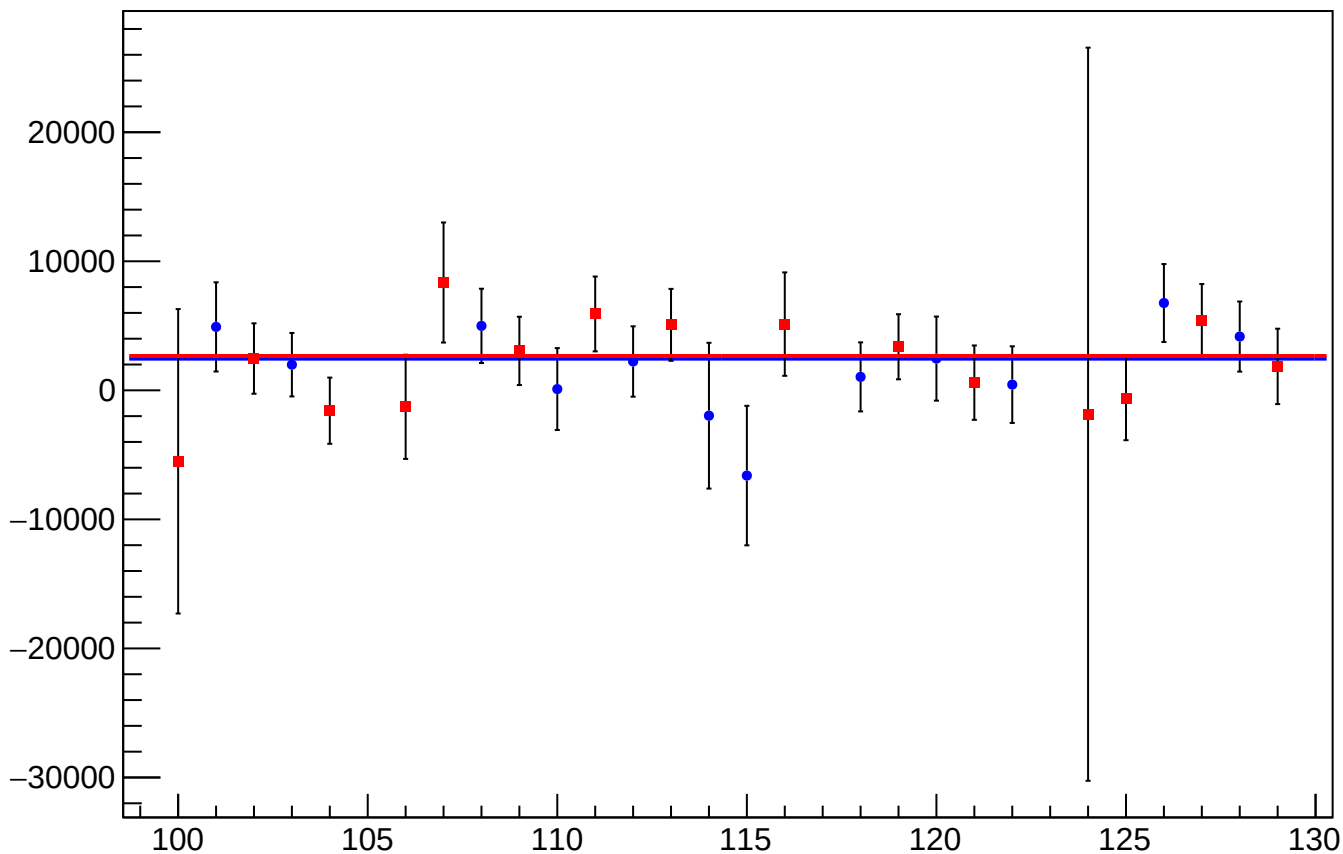
Right: 0.000+/-0.000 χ^2/NDF : 3689496.2/26

In: 0.000+/-0.000 χ^2/NDF : 1679531.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3689496.2/26

reg_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2456.930+/-890.288 χ^2/NDF : 8.5/11

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

Right Out: 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

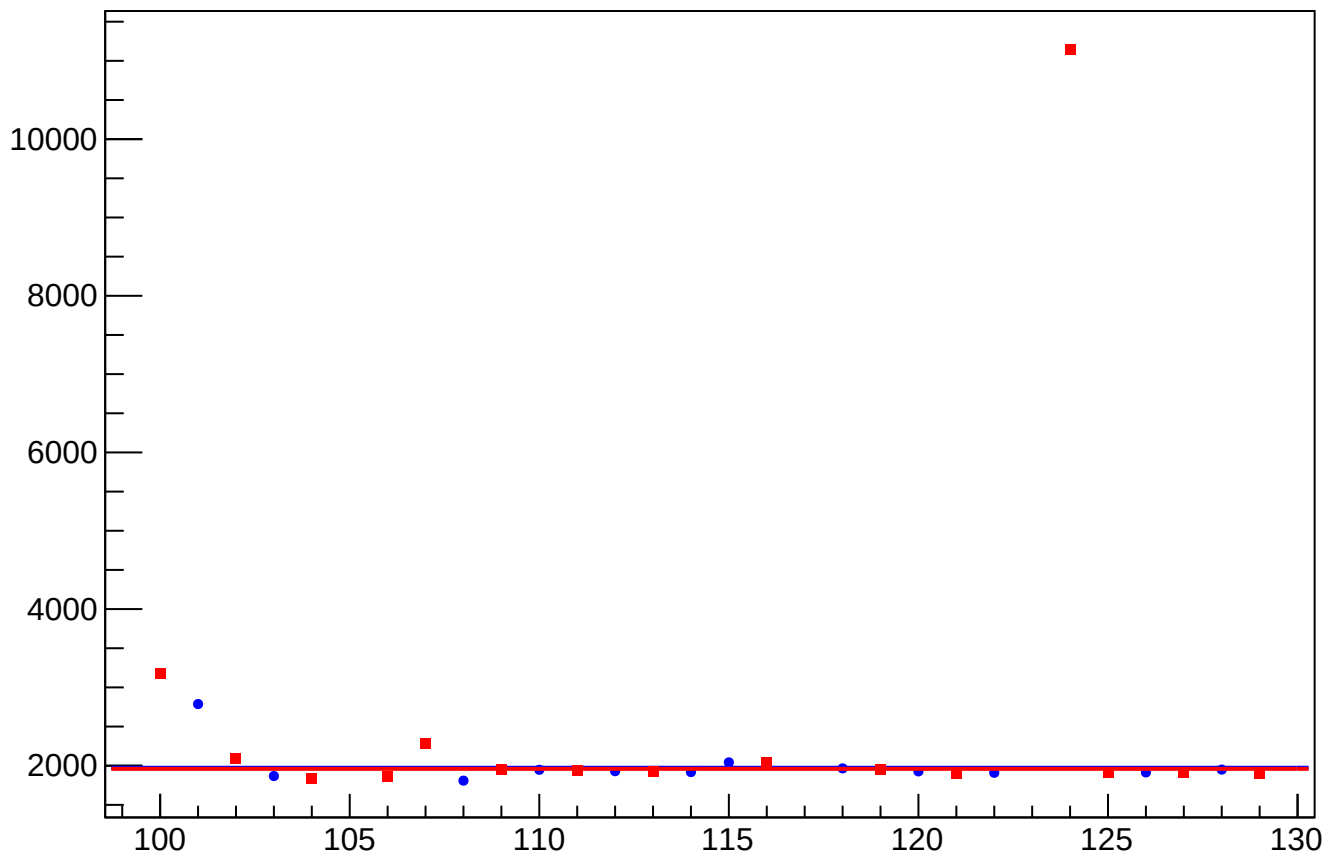
Right: 2565.869+/-605.115 χ^2/NDF : 19.2/26

In: 2456.930+/-890.288 χ^2/NDF : 8.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2565.869+/-605.115 χ^2/NDF : 19.2/26

reg_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1974.208+/-0.630 χ^2/NDF : 124444.3/11

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

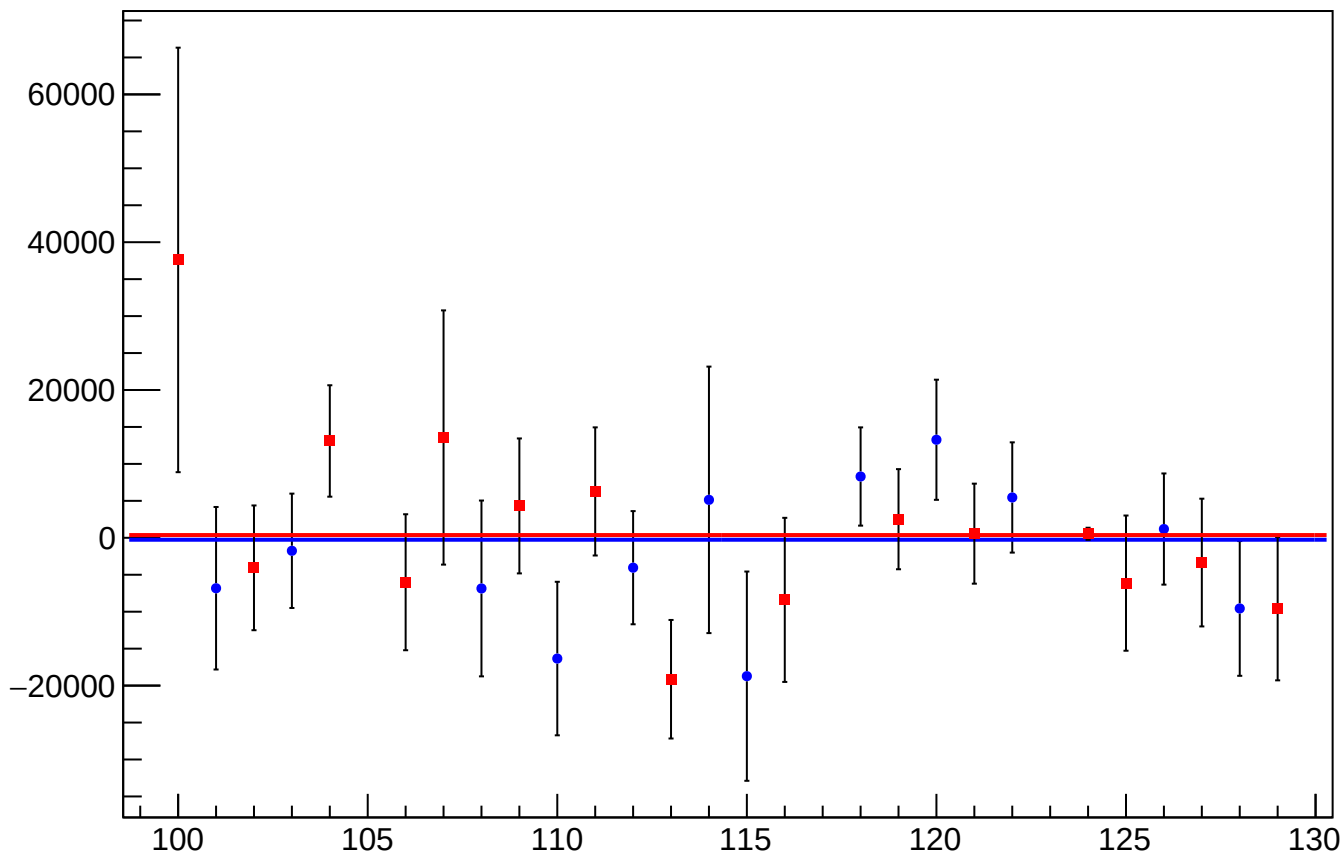
Right: 1966.533+/-0.428 χ^2/NDF : 379360.7/26

In: 1974.208+/-0.630 χ^2/NDF : 124444.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1966.533+/-0.428 χ^2/NDF : 379360.7/26

asym_atl2_reg_correction_mean vs Slug, Sign Corrected



Right In: -262.413+/-2566.152 χ^2/NDF : 11.2/11

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

Right Out: 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

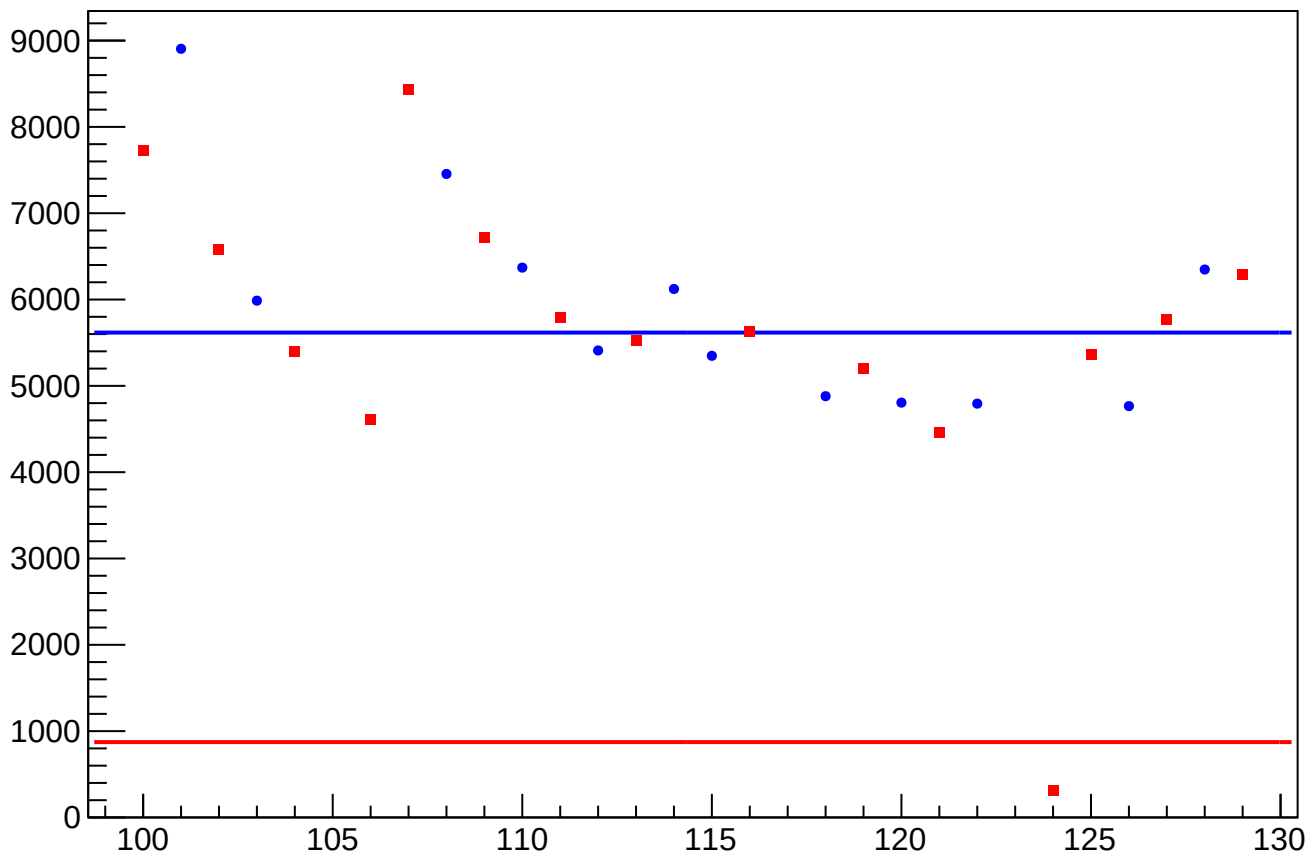
Right: 317.855+/-742.115 χ^2/NDF : 26.2/26

In: -262.413+/-2566.152 χ^2/NDF : 11.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 317.855+/-742.115 χ^2/NDF : 26.2/26

asym_atl2_reg_correction_rms vs Slug, Sign Corrected



Right In: 5617.273+/-1.815 χ^2/NDF : 352646.7/11

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

Right Out: 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

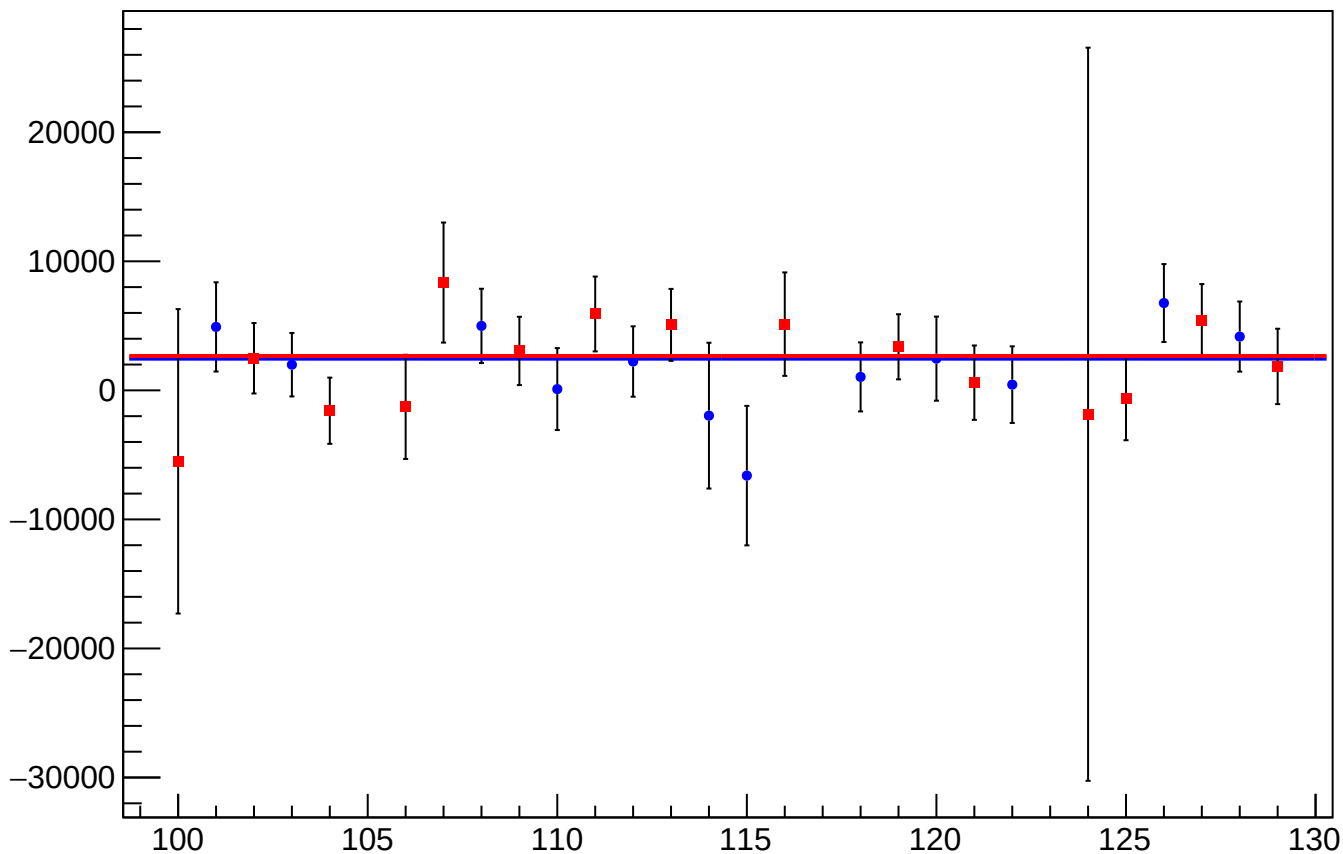
Right: 1269.742+/-0.525 χ^2/NDF : 15647215.1/26

In: 5617.273+/-1.815 χ^2/NDF : 352646.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1269.742+/-0.525 χ^2/NDF : 15647215.1/26

cor_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2457.172+/-890.288 χ^2/NDF : 8.5/11

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

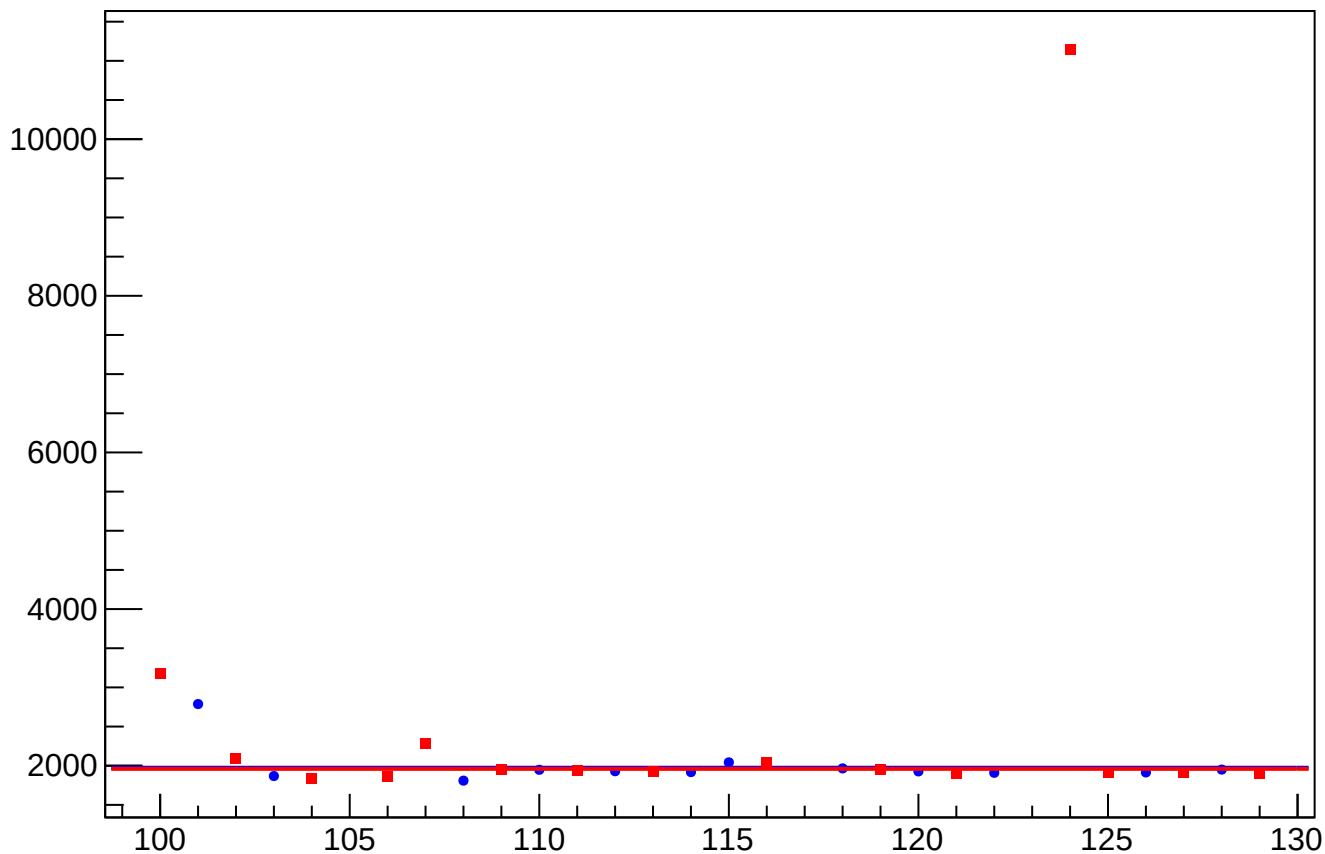
Right: 2567.136+/-605.119 χ^2/NDF : 19.2/26

In: 2457.172+/-890.288 χ^2/NDF : 8.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2567.136+/-605.119 χ^2/NDF : 19.2/26

cor_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1974.208+/-0.630 χ^2/NDF : 124444.0/11

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

Right Out: 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

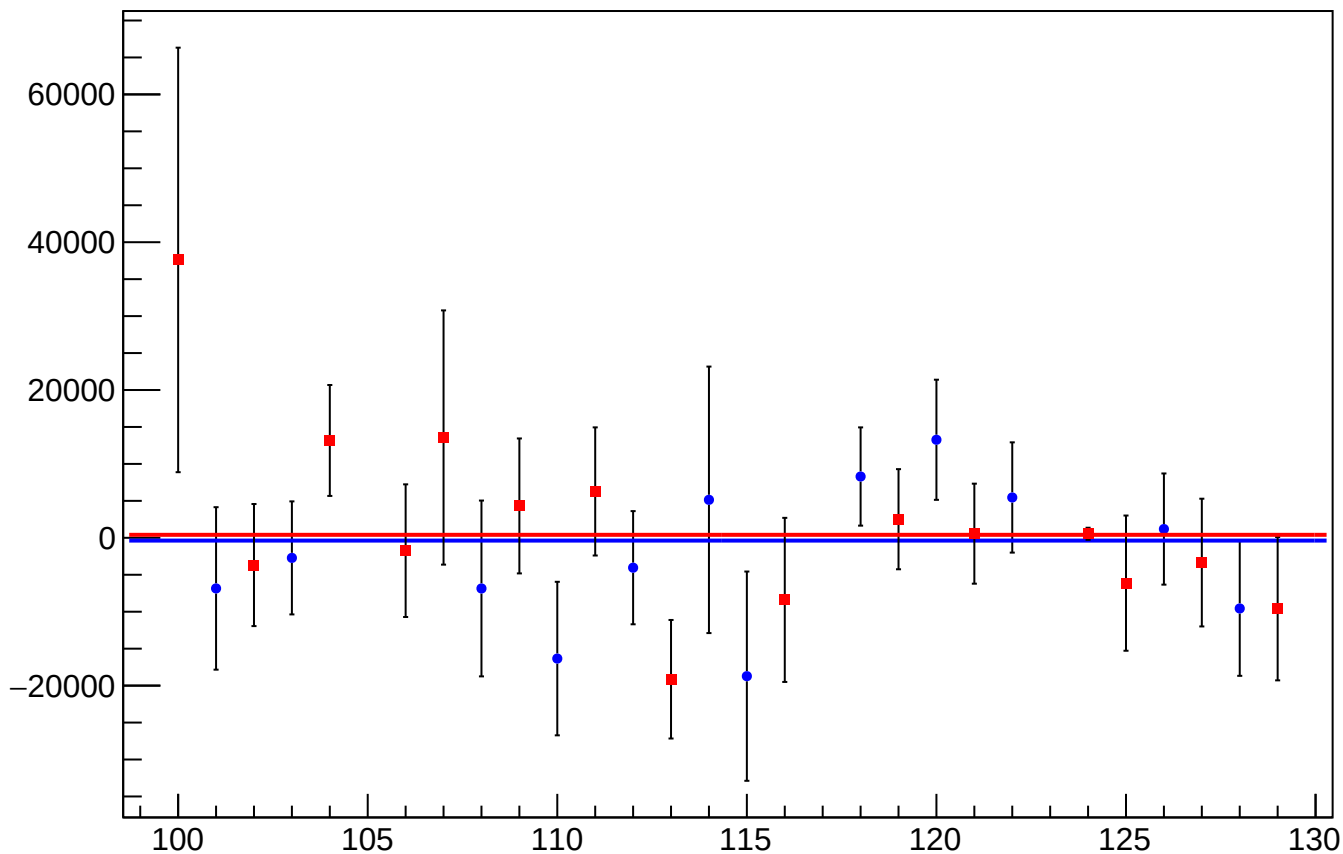
Right: 1966.546+/-0.428 χ^2/NDF : 379380.1/26

In: 1974.208+/-0.630 χ^2/NDF : 124444.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1966.546+/-0.428 χ^2/NDF : 379380.1/26

asym_atl2_cor_correction_mean vs Slug, Sign Corrected



Right In: -374.953+/-2562.792 χ^2/NDF : 11.3/11

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

Right Out: 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

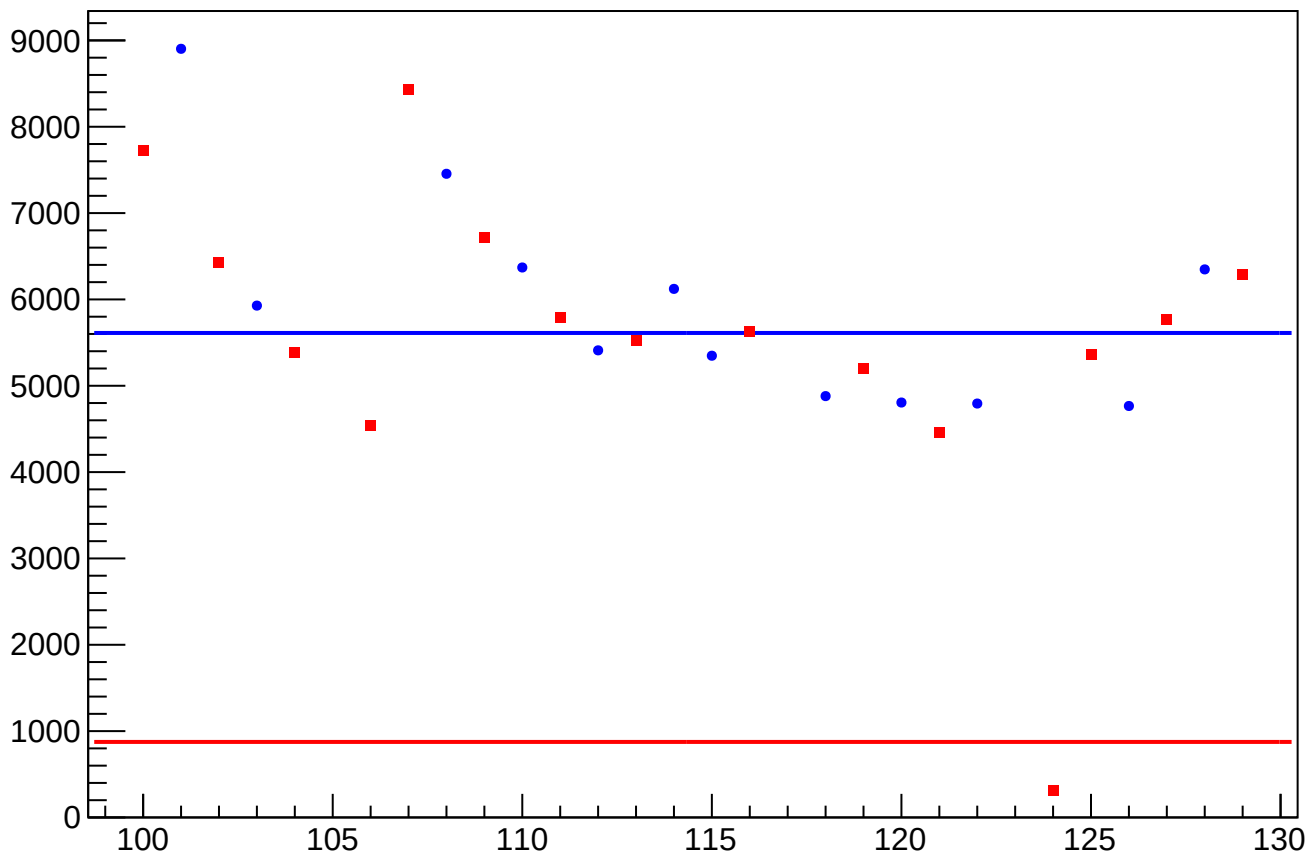
Right: 339.523+/-741.727 χ^2/NDF : 25.9/26

In: -374.953+/-2562.792 χ^2/NDF : 11.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 339.523+/-741.727 χ^2/NDF : 25.9/26

asym_atl2_cor_correction_rms vs Slug, Sign Corrected



Right In: 5611.621+/-1.812 χ^2/NDF : 351244.6/11

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

Right Out: 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

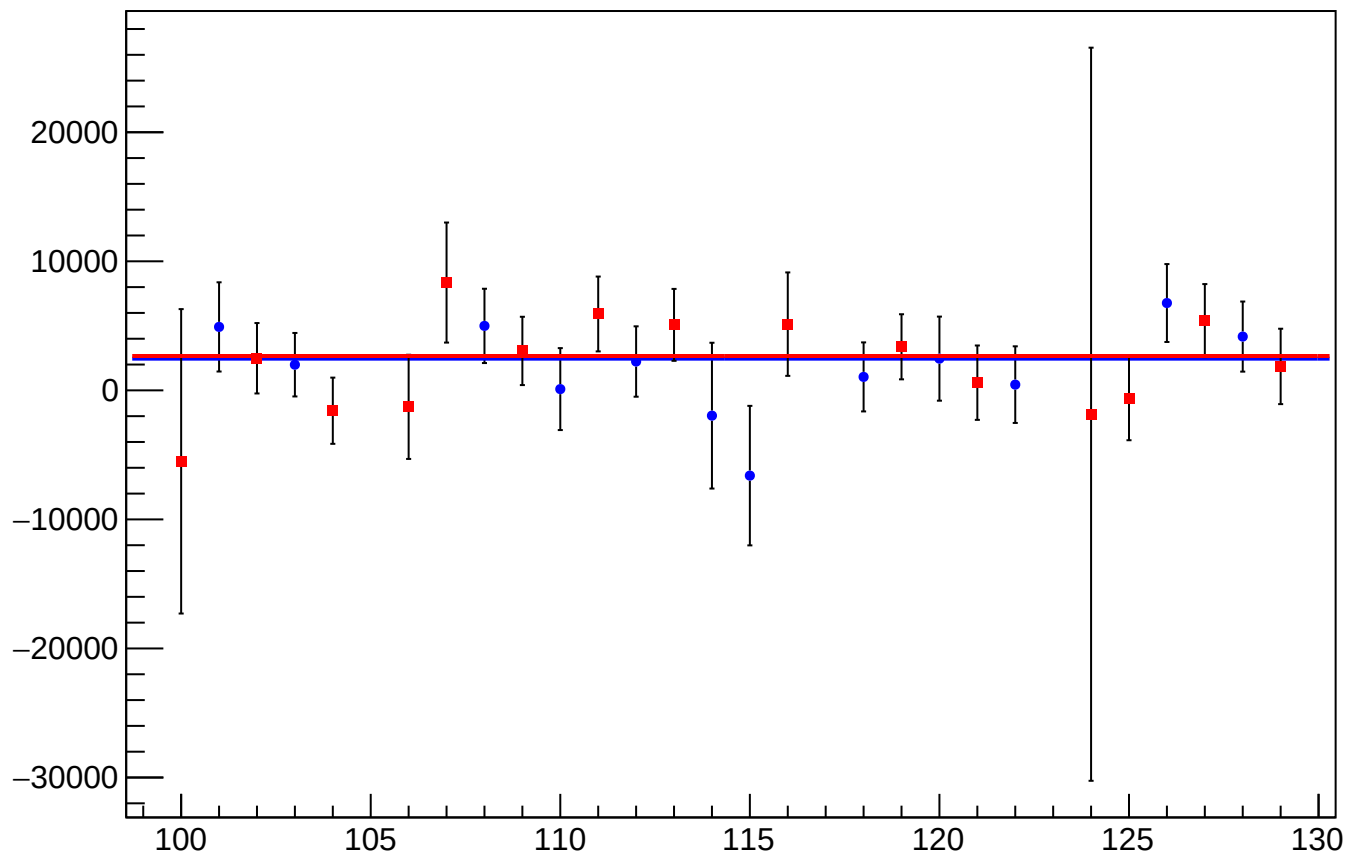
Right: 1271.598+/-0.524 χ^2/NDF : 15638956.0/26

In: 5611.621+/-1.812 χ^2/NDF : 351244.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1271.598+/-0.524 χ^2/NDF : 15638956.0/26

eigen_cor_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2457.172+/-890.288 χ^2/NDF : 8.5/11

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

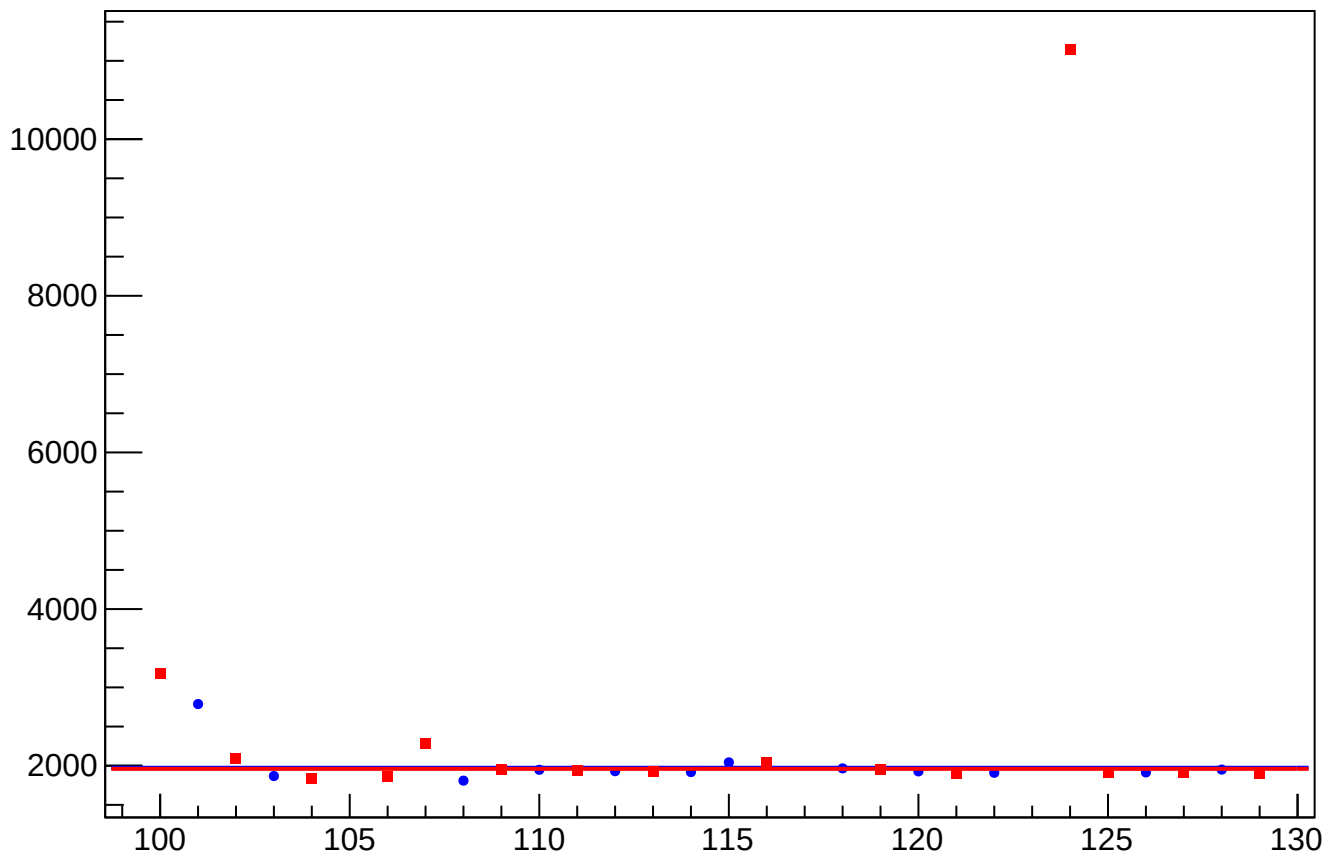
Right: 2567.136+/-605.119 χ^2/NDF : 19.2/26

In: 2457.172+/-890.288 χ^2/NDF : 8.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2567.136+/-605.119 χ^2/NDF : 19.2/26

eigen_cor_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1974.208+/-0.630 χ^2/NDF : 124444.0/11

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

Right Out: 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

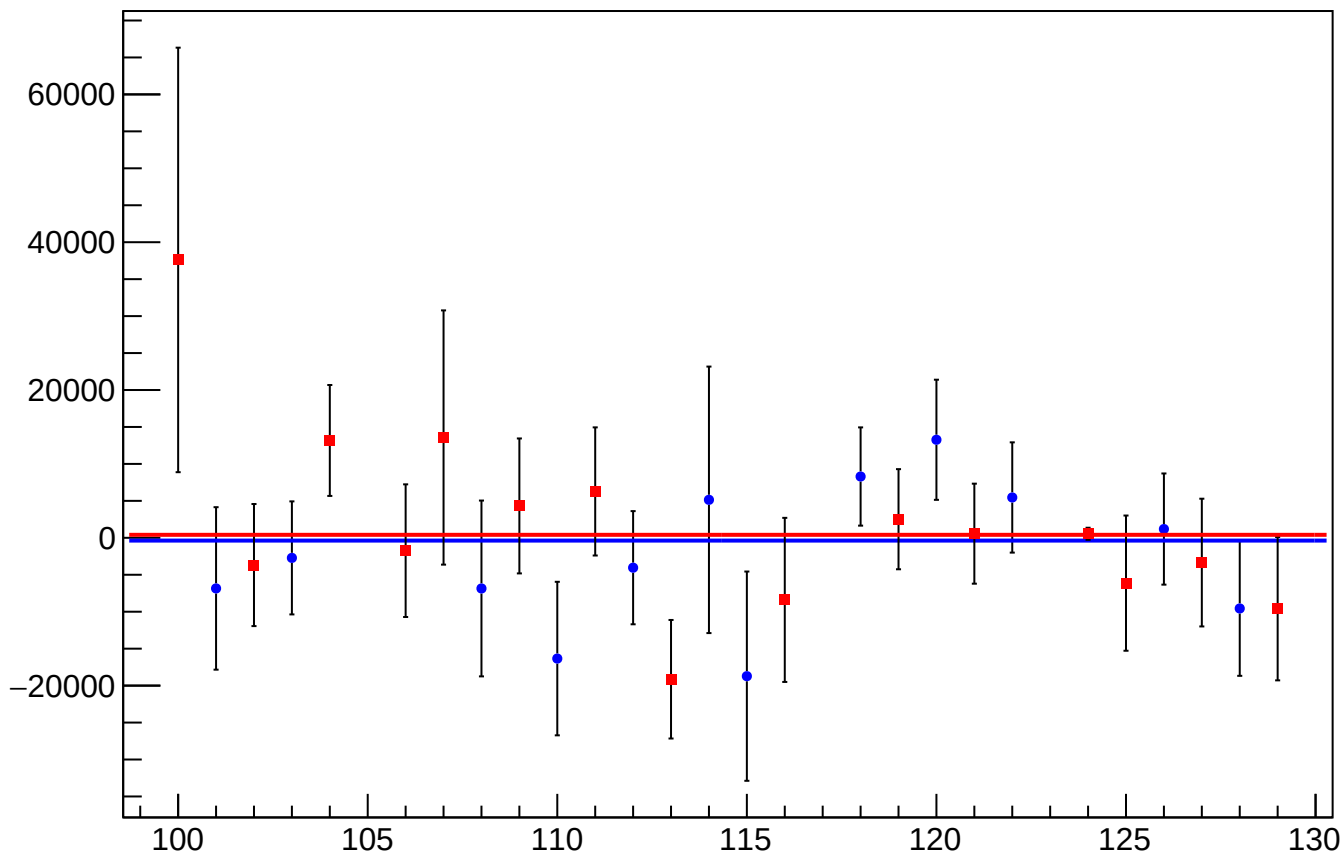
Right: 1966.546+/-0.428 χ^2/NDF : 379380.1/26

In: 1974.208+/-0.630 χ^2/NDF : 124444.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1966.546+/-0.428 χ^2/NDF : 379380.1/26

asym_atl2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -374.953+/-2562.792 χ^2/NDF : 11.3/11

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

Right Out: 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

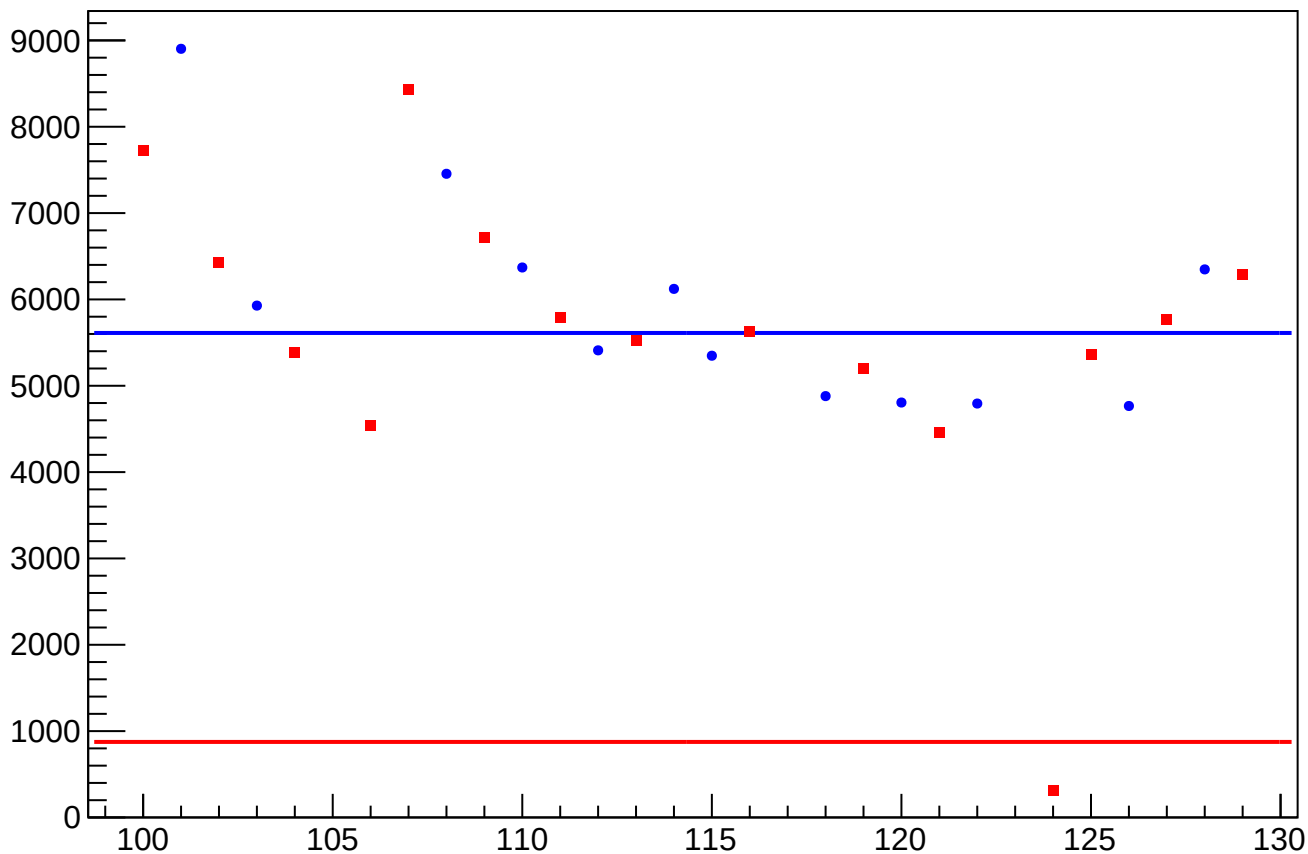
Right: 339.523+/-741.727 χ^2/NDF : 25.9/26

In: -374.953+/-2562.792 χ^2/NDF : 11.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 339.523+/-741.727 χ^2/NDF : 25.9/26

asym_atl2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 5611.621+/-1.812 χ^2/NDF : 351244.6/11

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

Right Out: 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

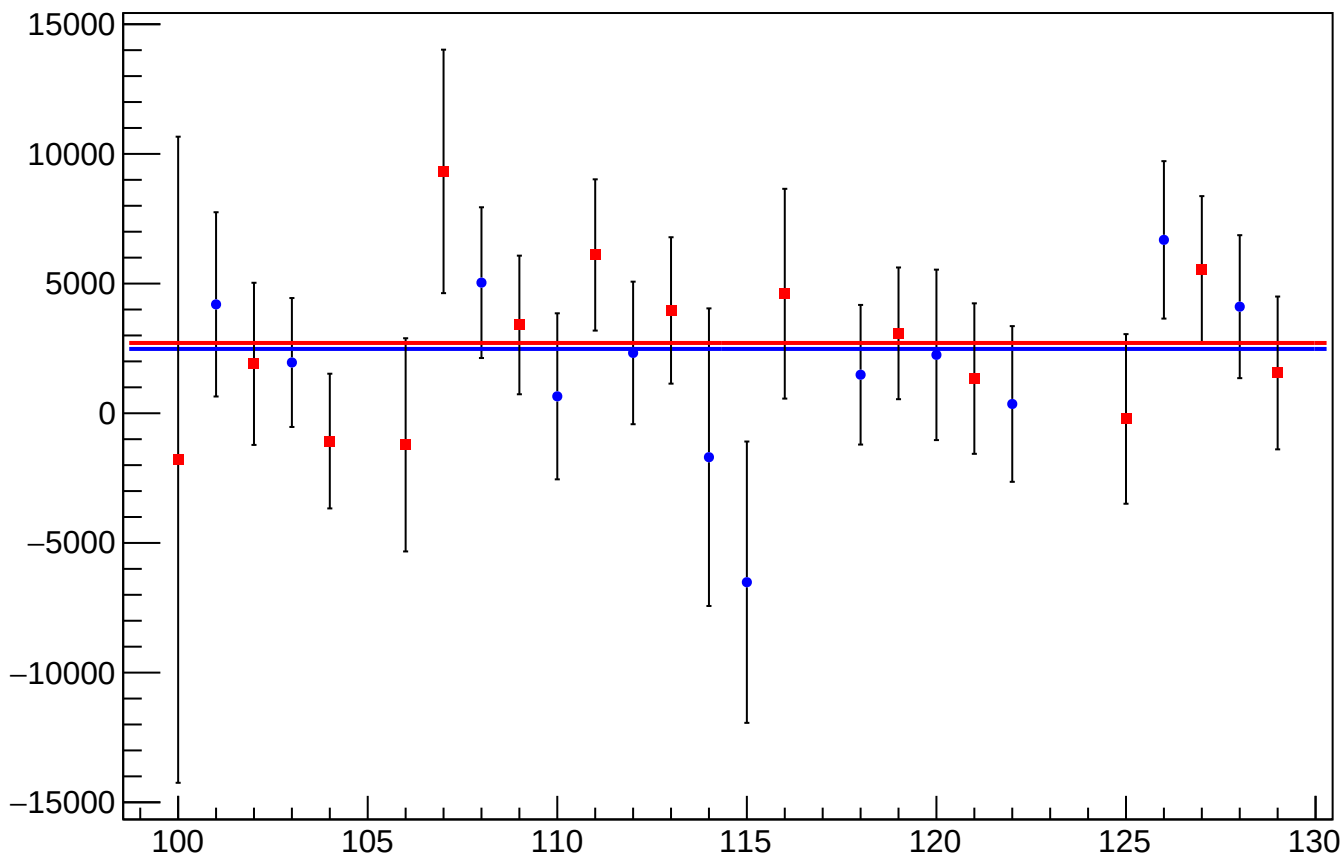
Right: 1271.598+/-0.524 χ^2/NDF : 15638956.0/26

In: 5611.621+/-1.812 χ^2/NDF : 351244.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1271.598+/-0.524 χ^2/NDF : 15638956.0/26

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2480.029+/-899.626 χ^2 /NDF: 7.6/11

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

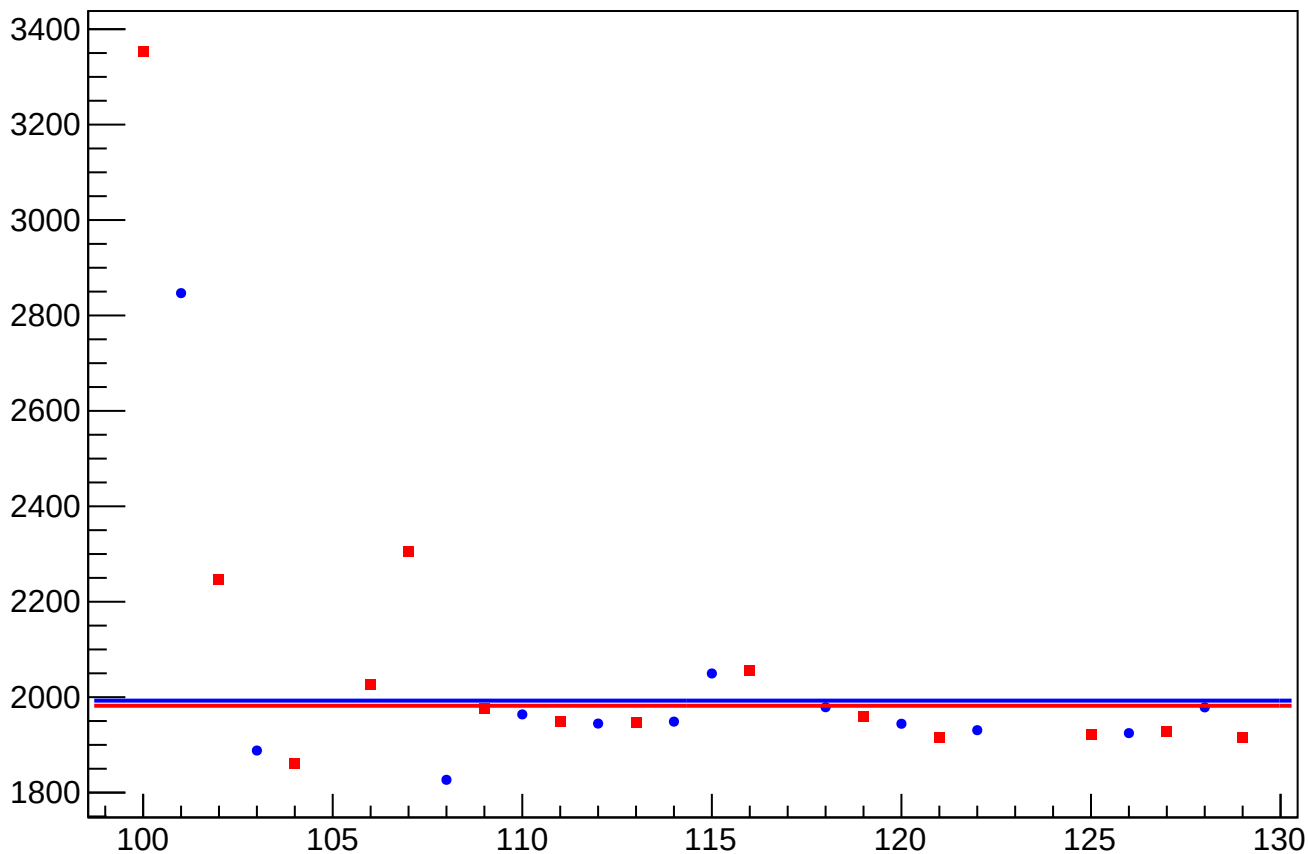
Right: 2602.828+/-614.582 χ^2 /NDF: 16.8/25

In: 2480.029+/-899.626 χ^2 /NDF:7.6/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2602.828+/-614.582 χ^2 /NDF: 16.8/25

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1992.753+/-0.636 χ^2/NDF : 129182.9/11

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

Right Out: 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

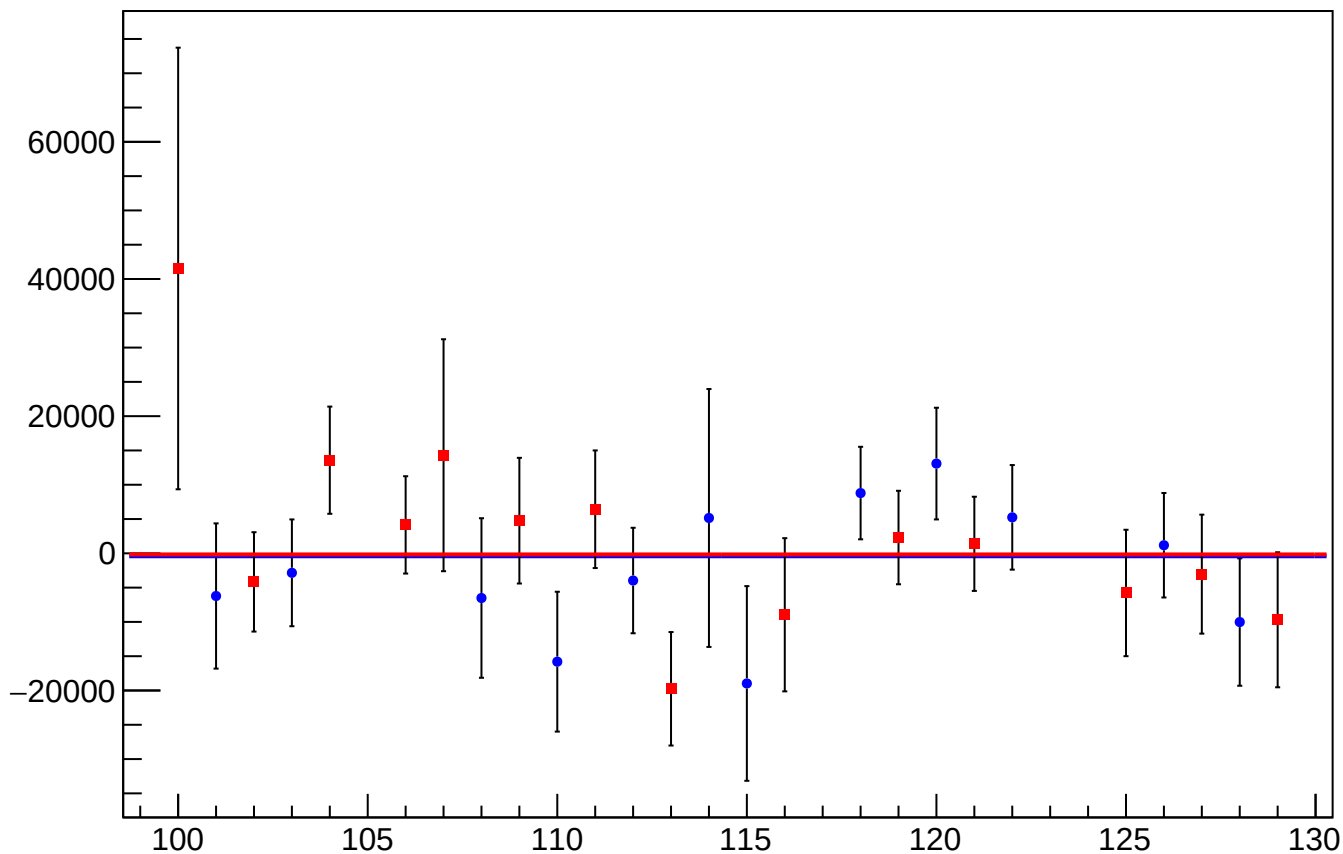
Right: 1987.016+/-0.434 χ^2/NDF : 186869.3/25

In: 1992.753+/-0.636 χ^2/NDF : 129182.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1987.016+/-0.434 χ^2/NDF : 186869.3/25

asym_atl2_dit_correction_mean vs Slug, Sign Corrected



Right In: -426.755+/-2580.256 χ^2/NDF : 11.2/11

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

Right Out: -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

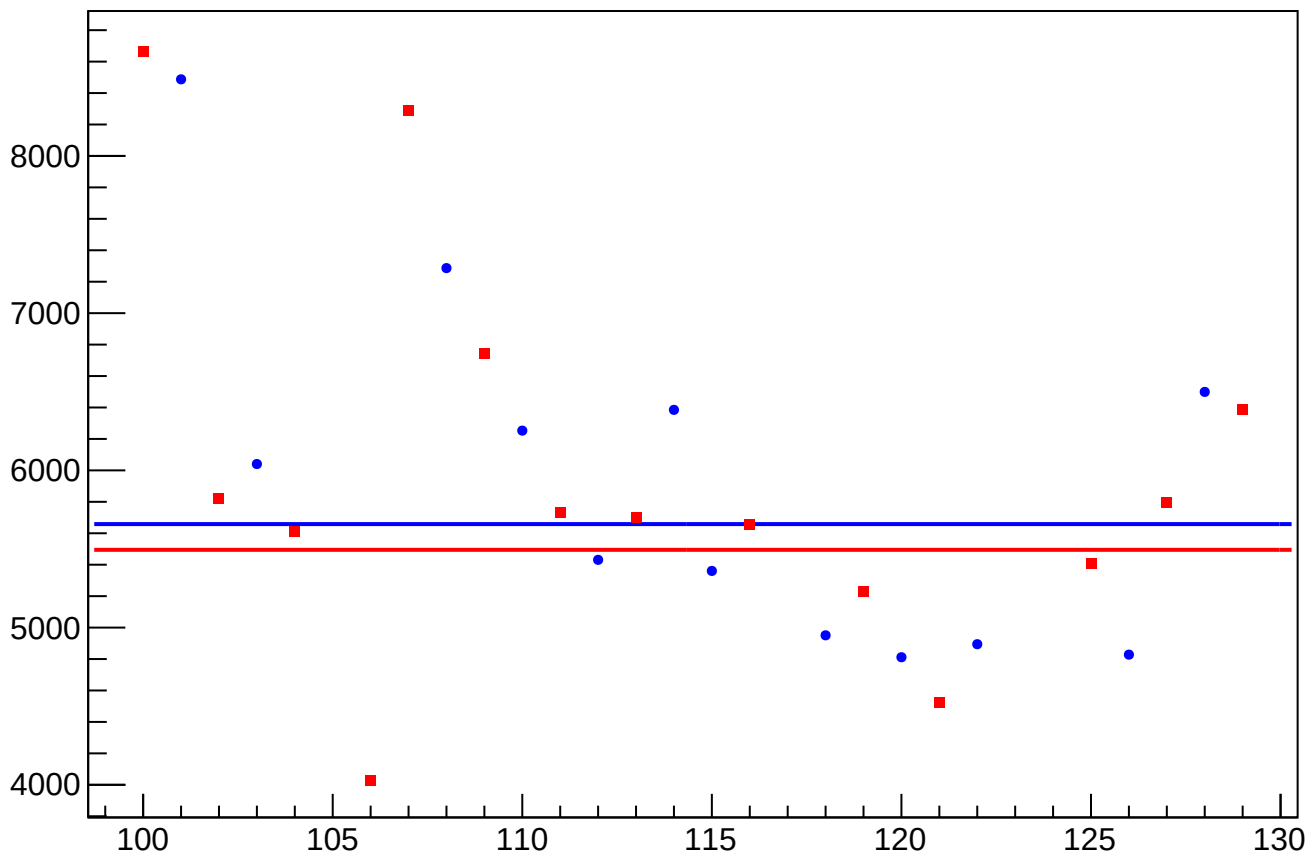
Right: -280.421+/-1724.600 χ^2/NDF : 26.1/25

In: -426.755+/-2580.256 χ^2/NDF : 11.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -280.421+/-1724.600 χ^2/NDF : 26.1/25

asym_atl2_dit_correction_rms vs Slug, Sign Corrected



Right In: 5658.301+/-1.825 χ^2/NDF : 303082.7/11

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

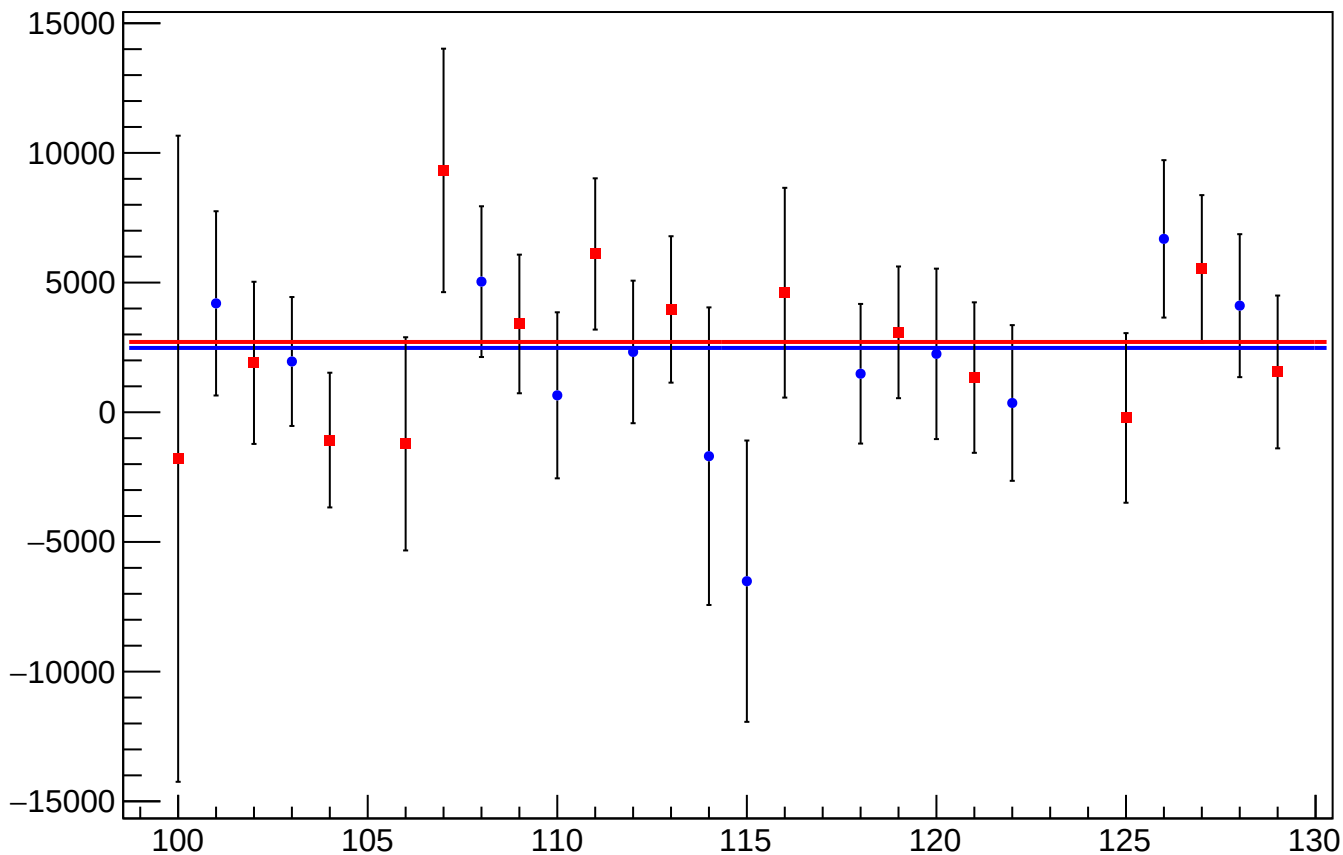
Right: 5567.765+/-1.219 χ^2/NDF : 573734.6/25

In: 5658.301+/-1.825 χ^2/NDF : 303082.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5567.765+/-1.219 χ^2/NDF : 573734.6/25

eigen_dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2480.039+/-899.626 χ^2 /NDF: 7.6/11

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

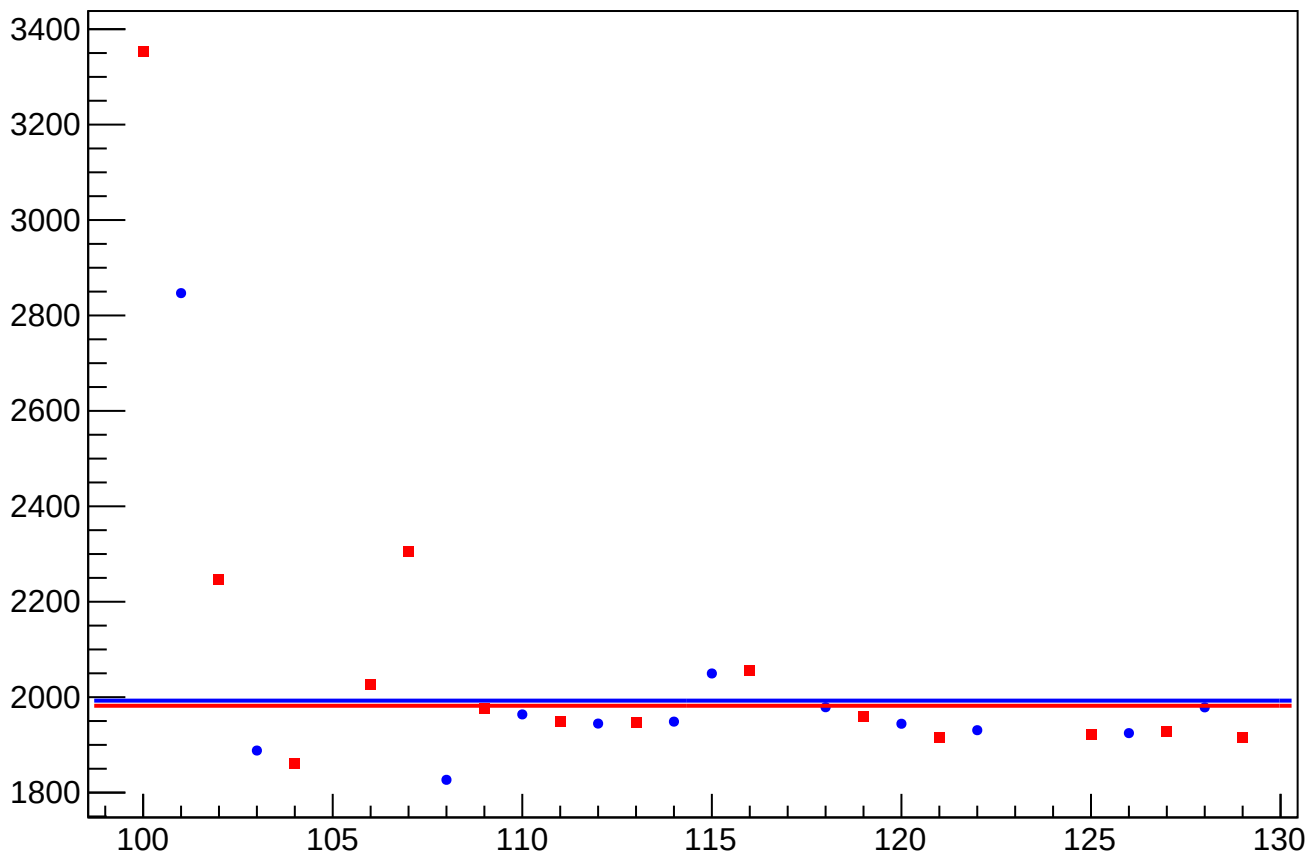
Right: 2602.839+/-614.582 χ^2 /NDF: 16.8/25

In: 2480.039+/-899.626 χ^2 /NDF:7.6/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2602.839+/-614.582 χ^2 /NDF: 16.8/25

eigen_dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1992.754+/-0.636 χ^2/NDF : 129182.6/11

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

Right Out: 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

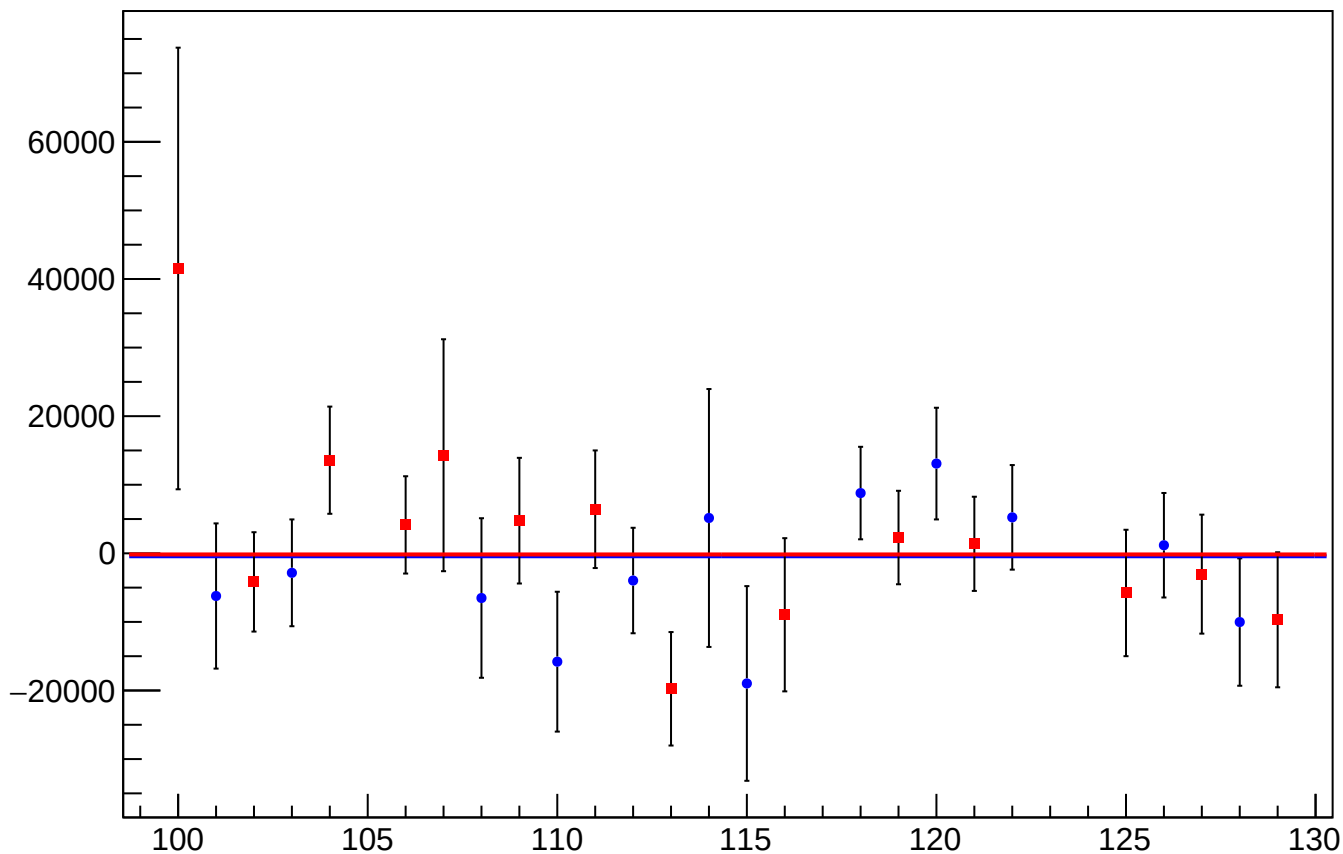
Right: 1987.016+/-0.434 χ^2/NDF : 186869.0/25

In: 1992.754+/-0.636 χ^2/NDF : 129182.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1987.016+/-0.434 χ^2/NDF : 186869.0/25

asym_atl2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -426.744+/-2580.247 χ^2/NDF : 11.2/11

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

Right Out: -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

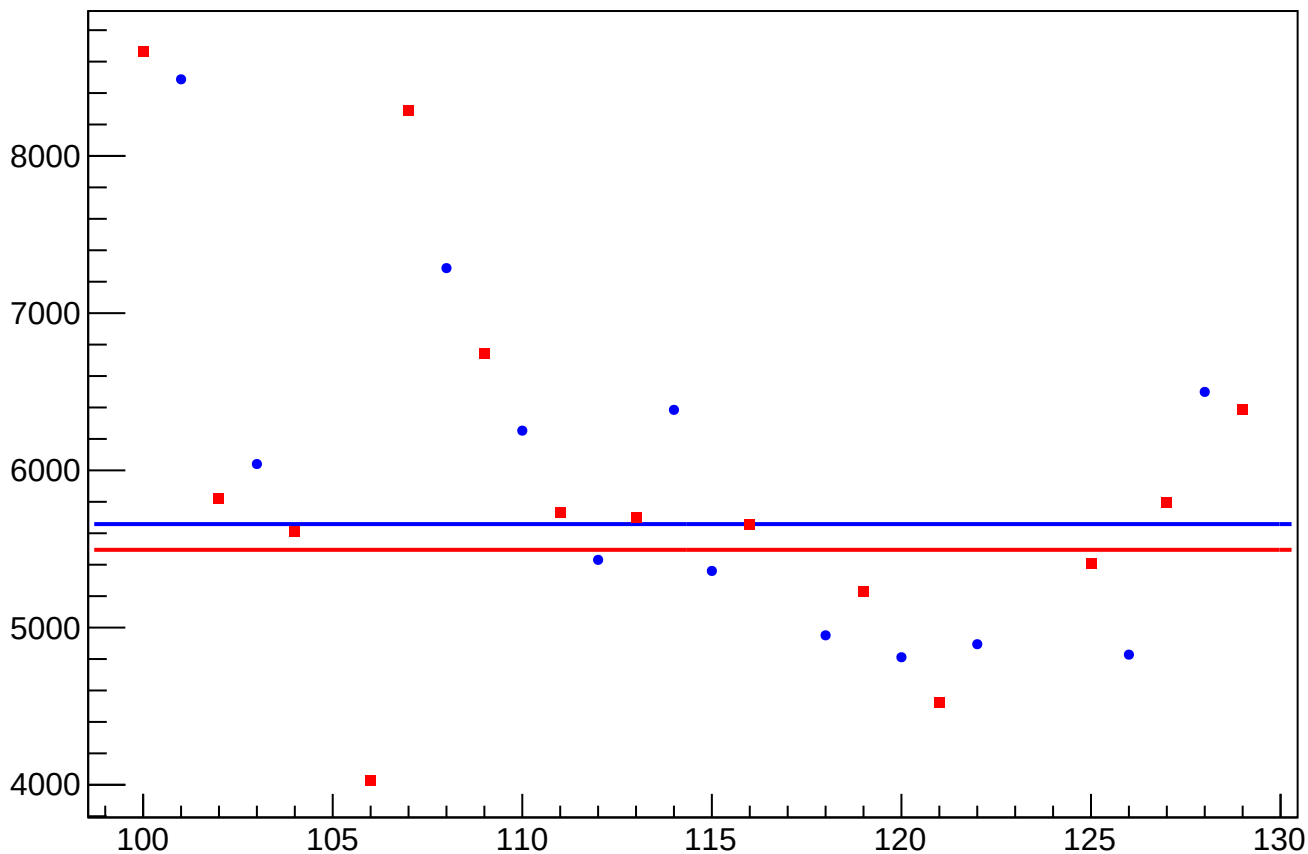
Right: -280.413+/-1724.594 χ^2/NDF : 26.1/25

In: -426.744+/-2580.247 χ^2/NDF : 11.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -280.413+/-1724.594 χ^2/NDF : 26.1/25

asym_atl2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 5658.279+/-1.825 χ^2/NDF : 303086.0/11

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

Right Out: 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

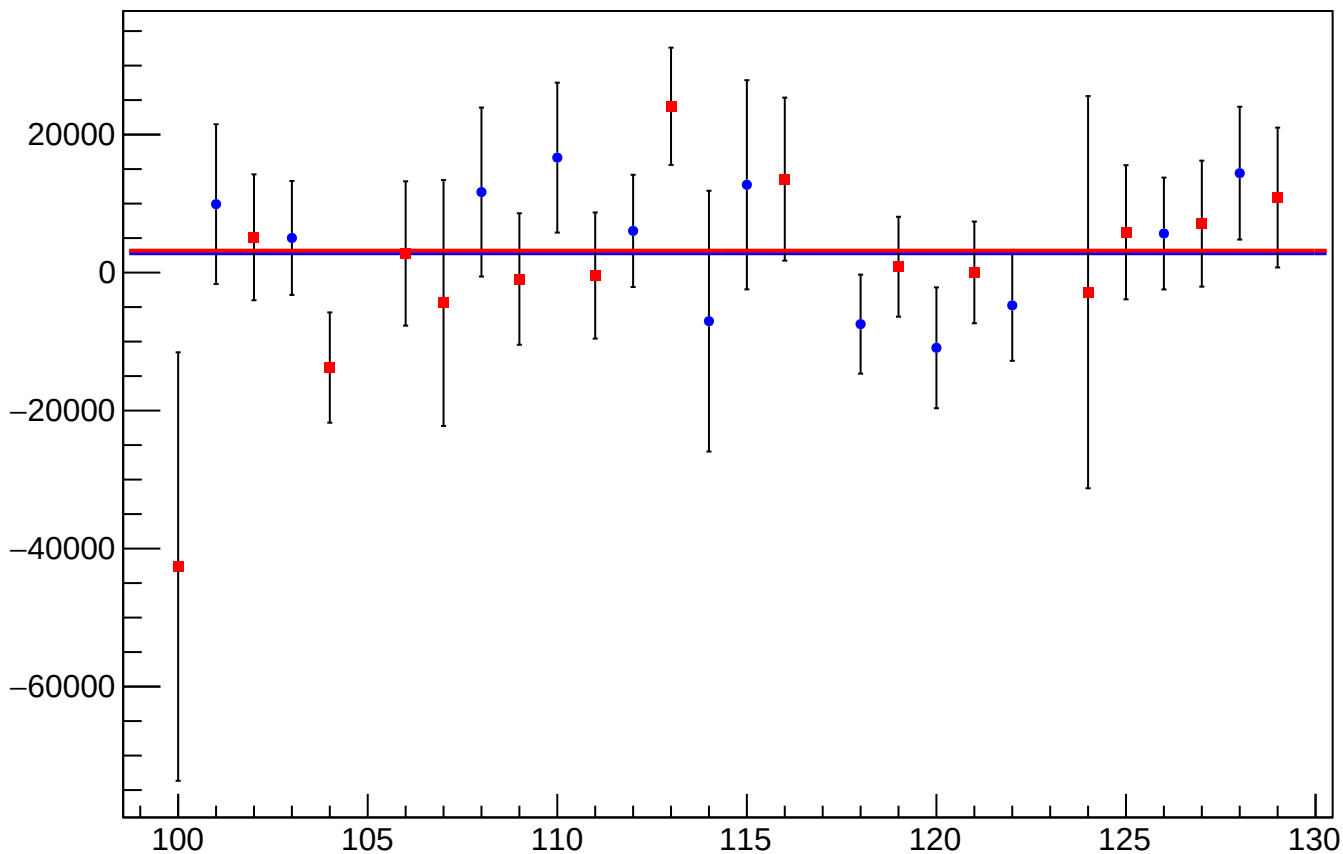
Right: 5567.747+/-1.219 χ^2/NDF : 573738.8/25

In: 5658.279+/-1.825 χ^2/NDF : 303086.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5567.747+/-1.219 χ^2/NDF : 573738.8/25

asym_atl2_mean vs Slug, Sign Corrected



Right In: 2806.222+/-2737.264 χ^2/NDF : 10.4/11

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

Right Out: 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

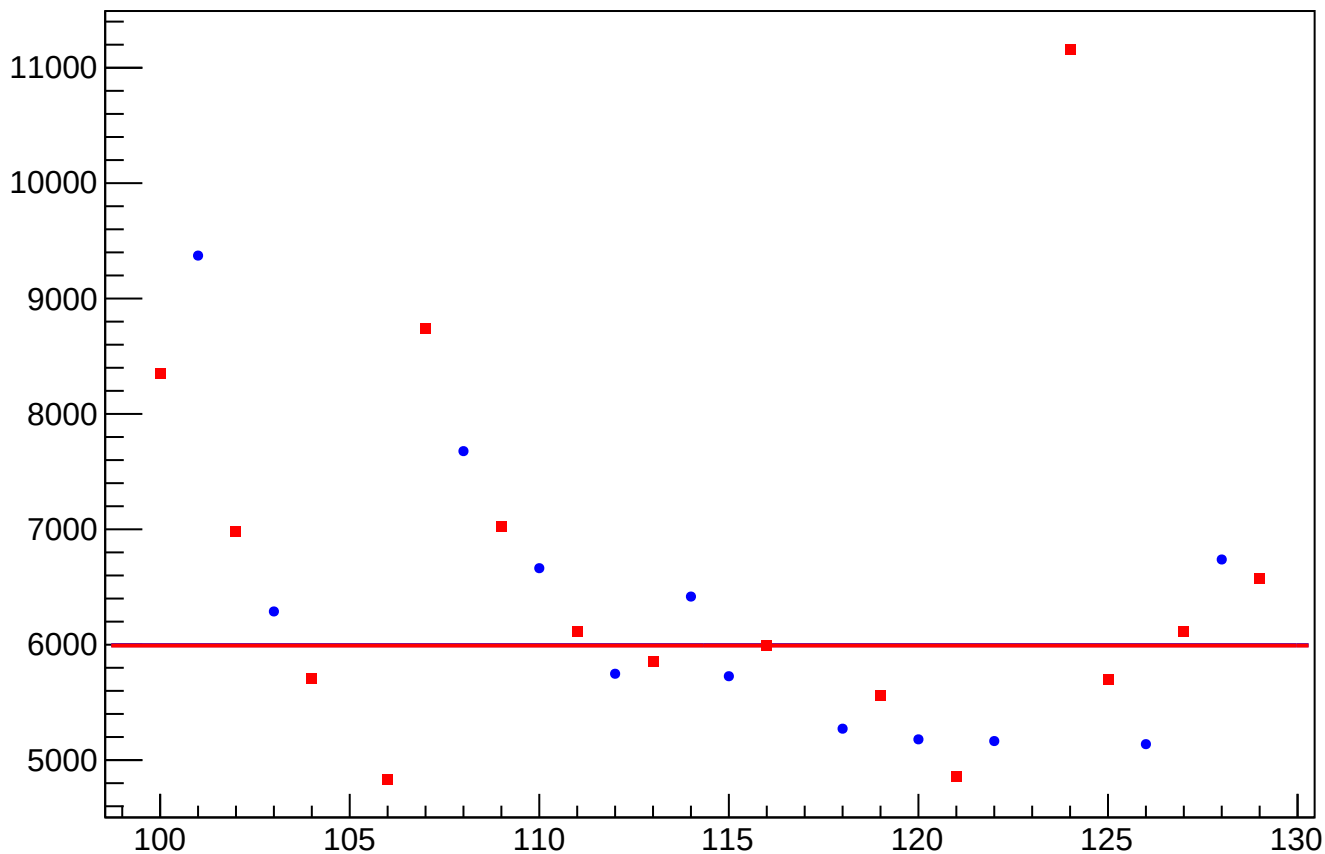
Right: 3003.532+/-1858.584 χ^2/NDF : 25.7/26

In: 2806.222+/-2737.264 χ^2/NDF : 10.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3003.532+/-1858.584 χ^2/NDF : 25.7/26

asym_atl2_rms vs Slug, Sign Corrected



Right In: 5996.068+/-1.936 χ^2/NDF : 314657.2/11

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

Right Out: 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

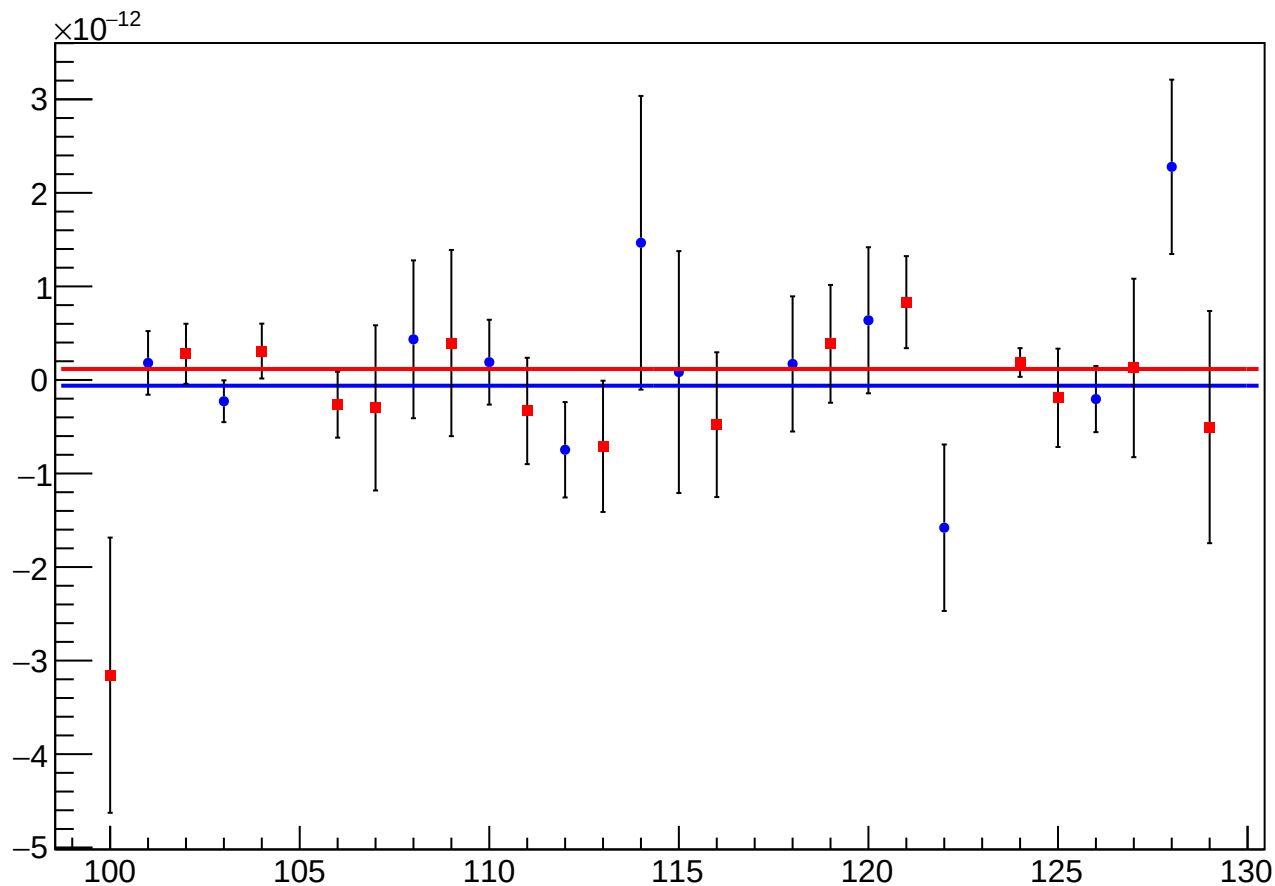
Right: 5994.318+/-1.314 χ^2/NDF : 577578.4/26

In: 5996.068+/-1.936 χ^2/NDF : 314657.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5994.318+/-1.314 χ^2/NDF : 577578.4/26

asym_atl2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.8/11

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

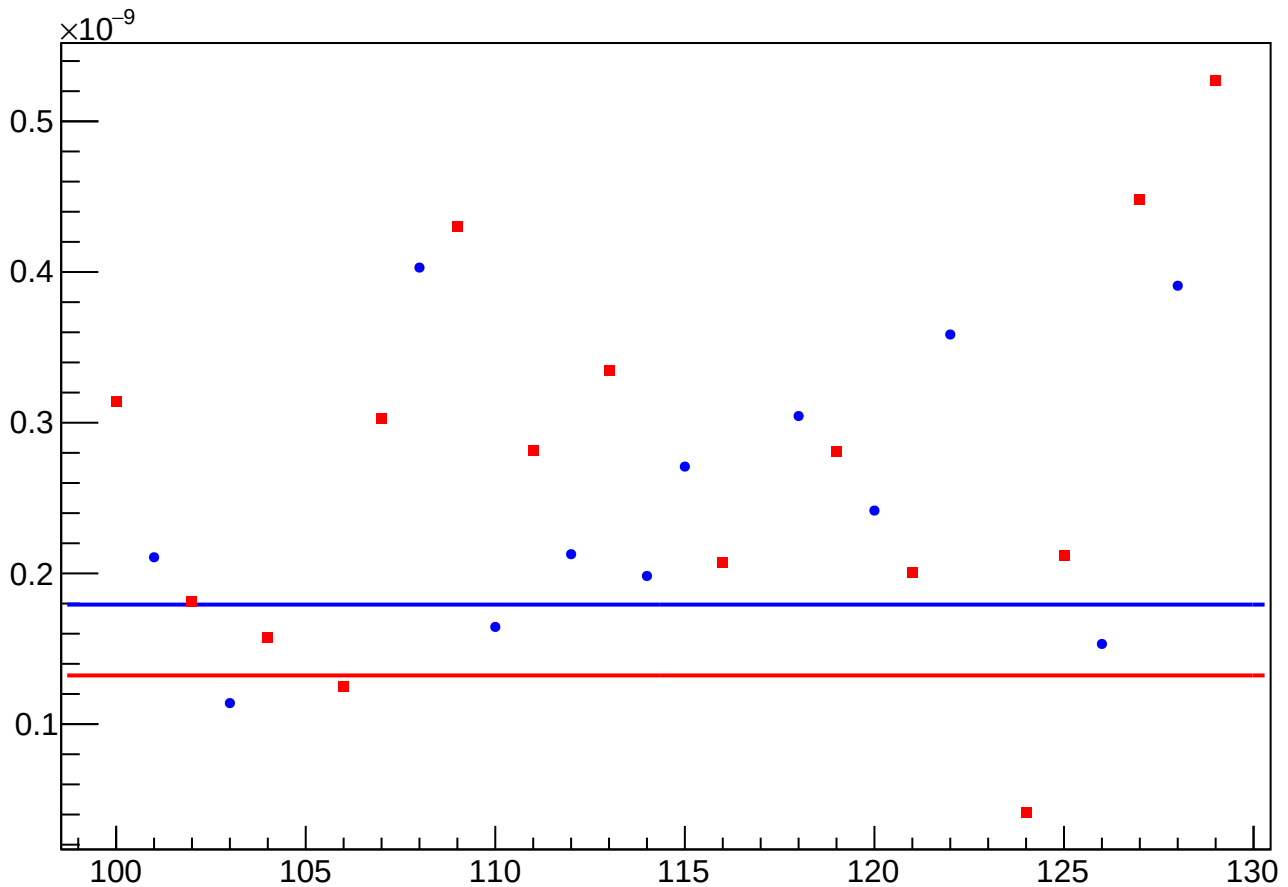
Right: 0.000+/-0.000 χ^2/NDF : 28.7/26

In: -0.000+/-0.000 χ^2/NDF : 14.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.7/26

asym_atl2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 617657.0/11

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

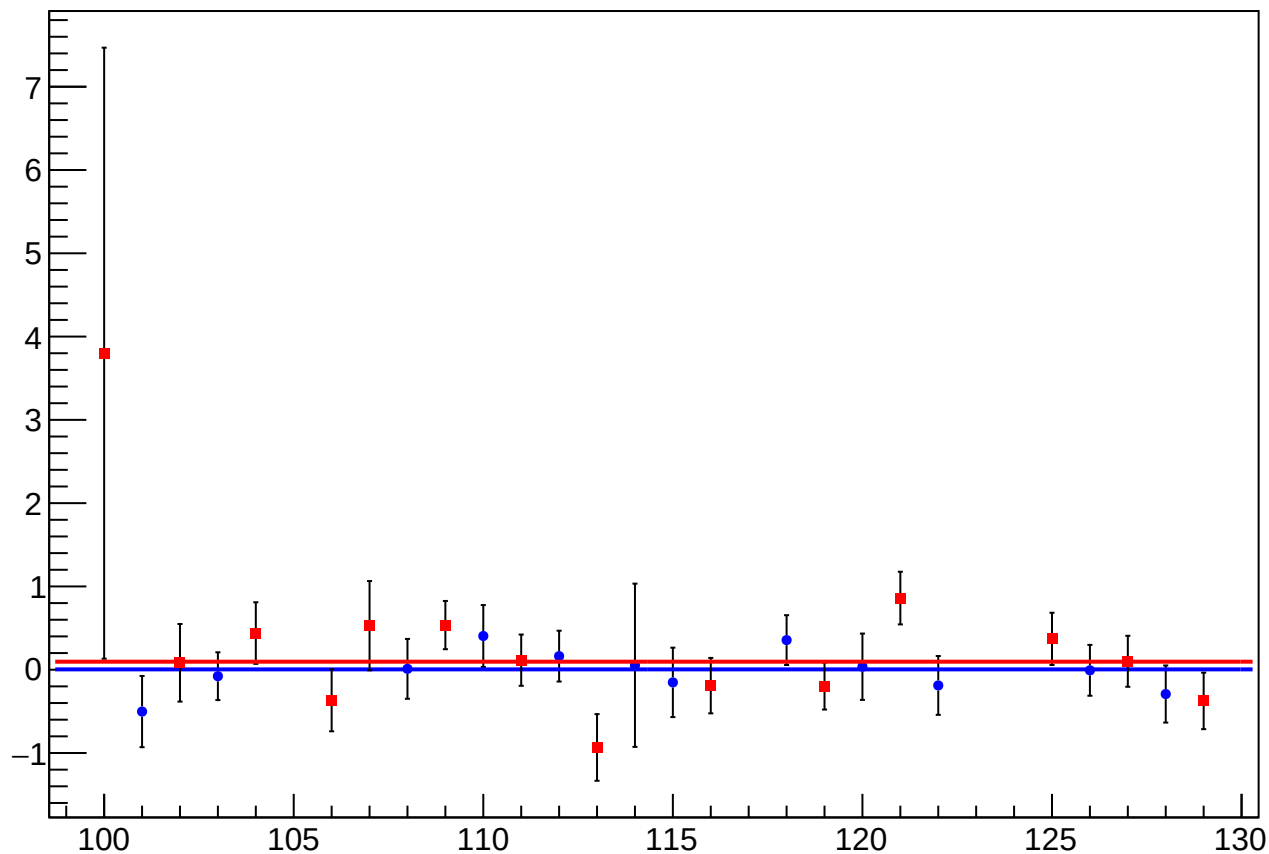
Right: 0.000+/-0.000 χ^2/NDF : 2760426.0/26

In: 0.000+/-0.000 χ^2/NDF :617657.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2760426.0/26

asym_atl2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004 $\pm$ 0.103 χ^2 /NDF: 5.5/11

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

Right Out: 0.096 $\pm$ 0.094 χ^2 /NDF: 23.4/13

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

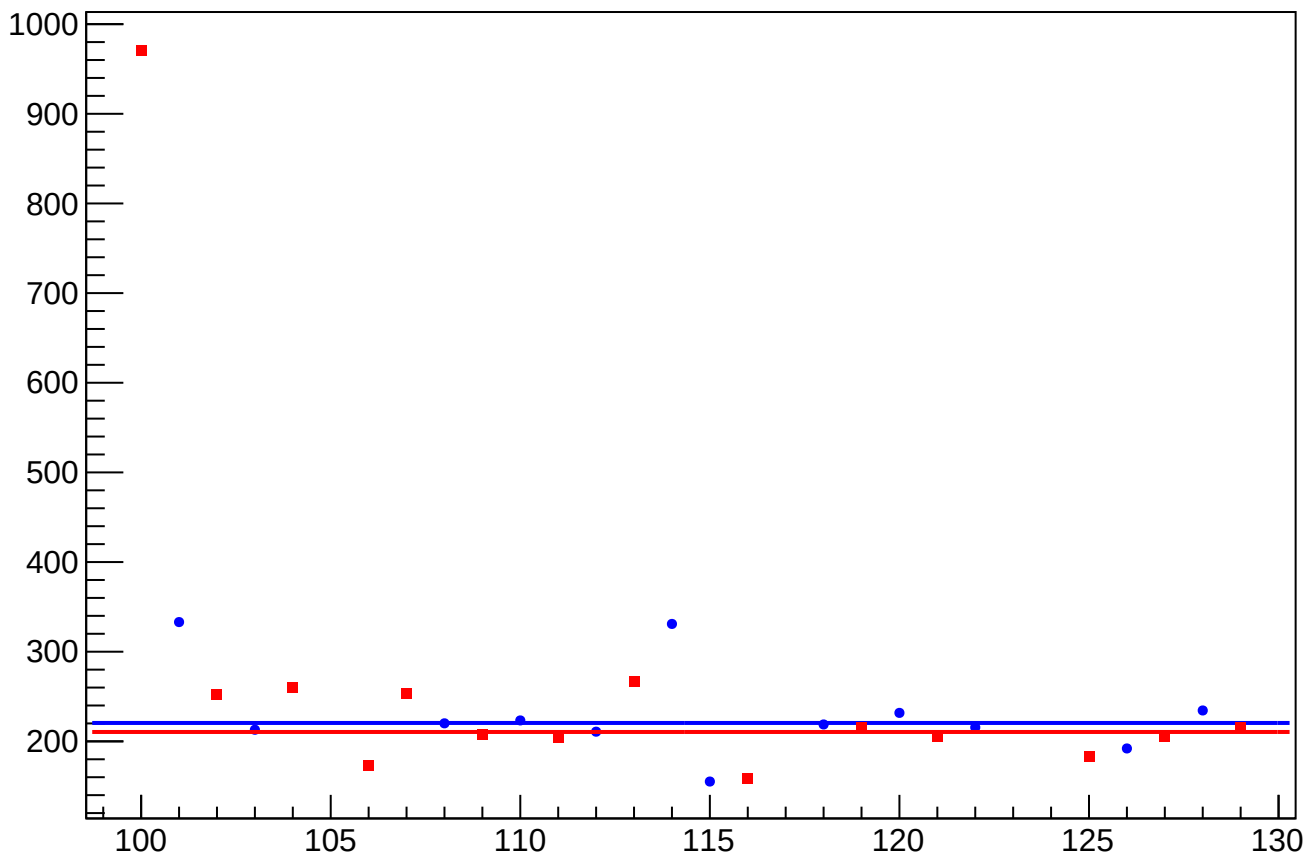
Right: 0.054 $\pm$ 0.069 χ^2 /NDF: 29.3/25

In: 0.004 $\pm$ 0.103 χ^2 /NDF:5.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.054 $\pm$ 0.069 χ^2 /NDF: 29.3/25

asym_atl2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 220.528+/-0.073 χ^2/NDF : 239208.9/11

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

Right Out: 210.465+/-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

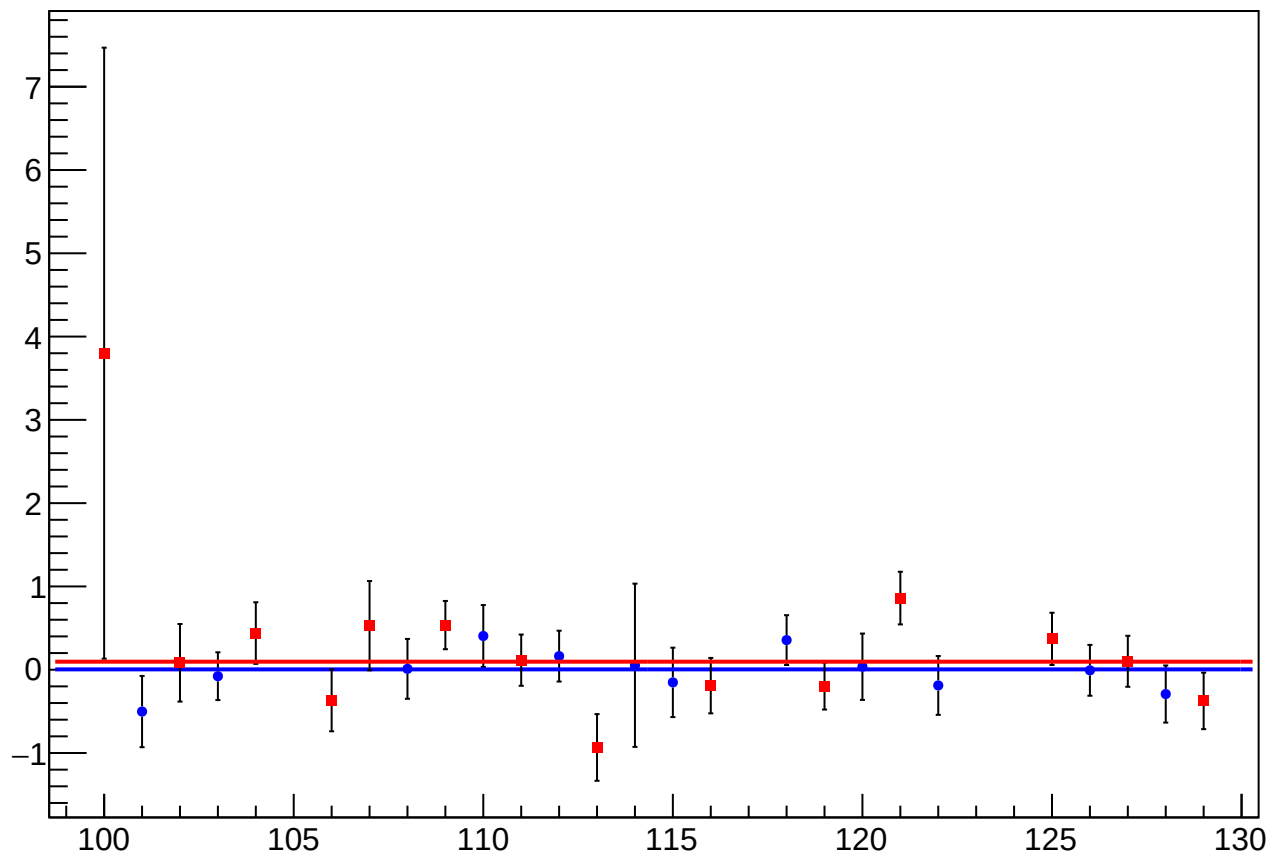
Right: 215.068+/-0.049 χ^2/NDF : 525514.5/25

In: 220.528+/-0.073 χ^2/NDF :239208.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 215.068+/-0.049 χ^2/NDF : 525514.5/25

asym_atl2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.103 χ^2/NDF : 5.5/11

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

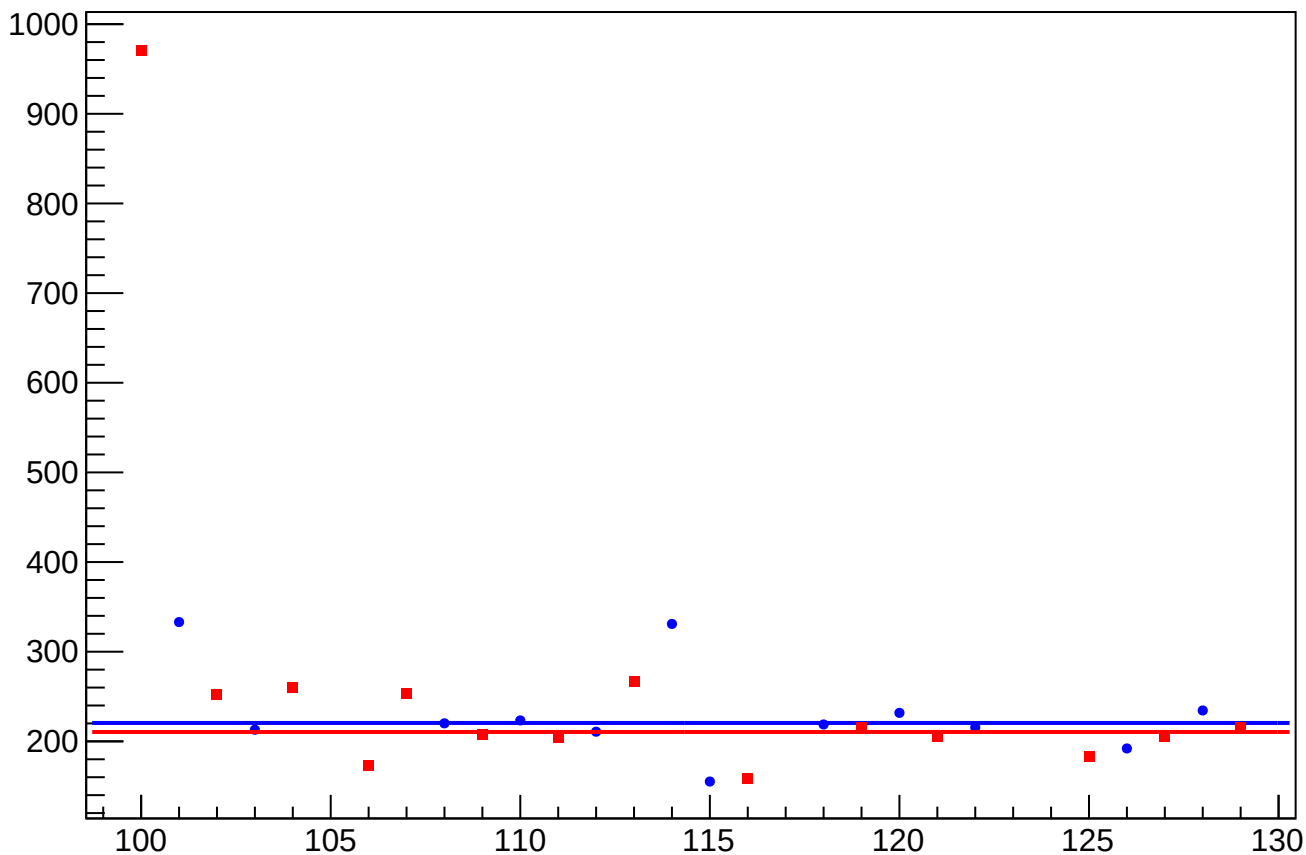
Right: 0.054+/-0.069 χ^2/NDF : 29.3/25

In: 0.004+/-0.103 χ^2/NDF : 5.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.054+/-0.069 χ^2/NDF : 29.3/25

asym_atl2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 220.528+/-0.073 χ^2/NDF : 239208.9/11

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

Right Out: 210.465+/-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

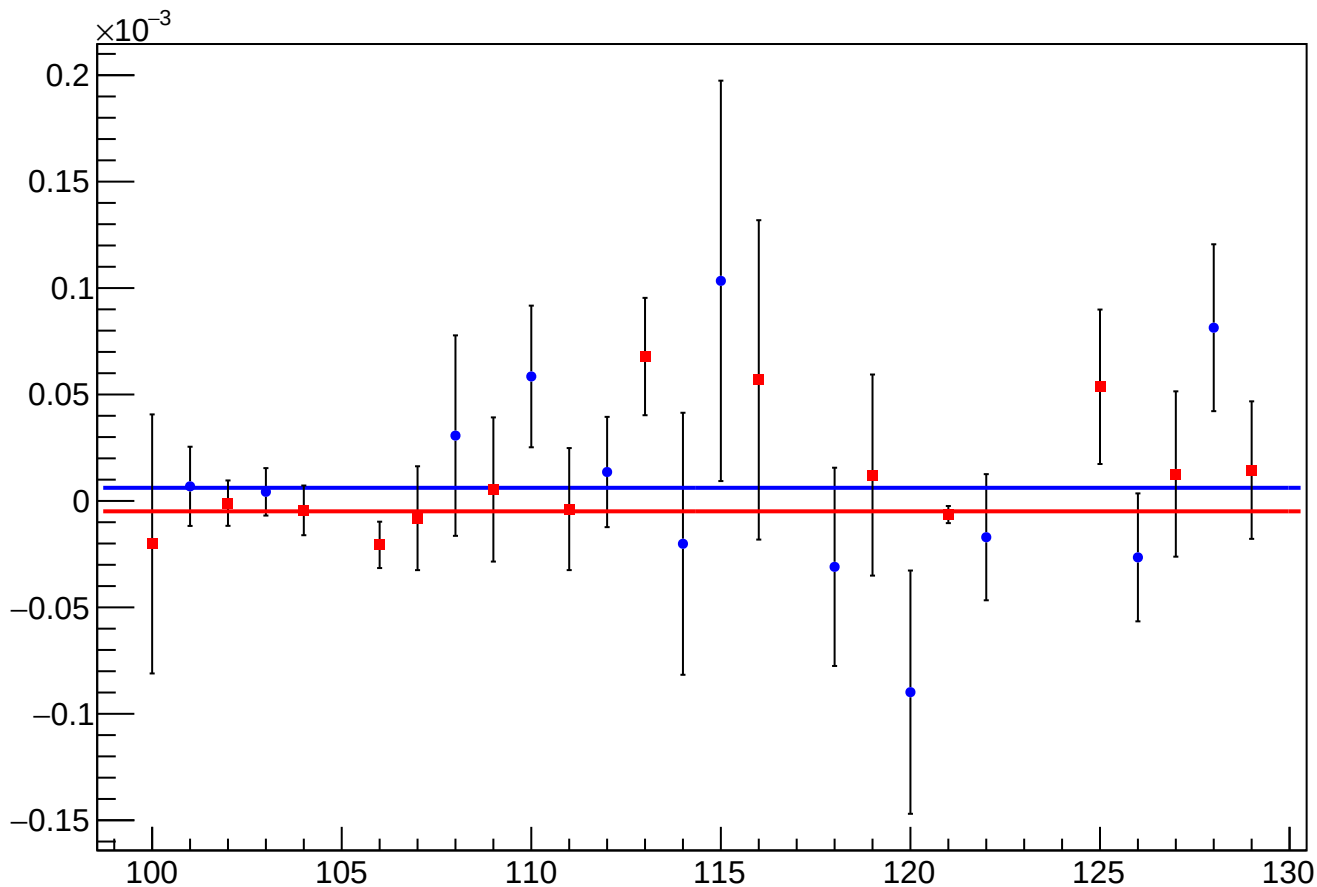
Right: 215.068+/-0.049 χ^2/NDF : 525514.5/25

In: 220.528+/-0.073 χ^2/NDF : 239208.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 215.068+/-0.049 χ^2/NDF : 525514.5/25

asym_atl2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.0/11

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

Right Out: -0.000+/-0.000 χ^2/NDF : 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

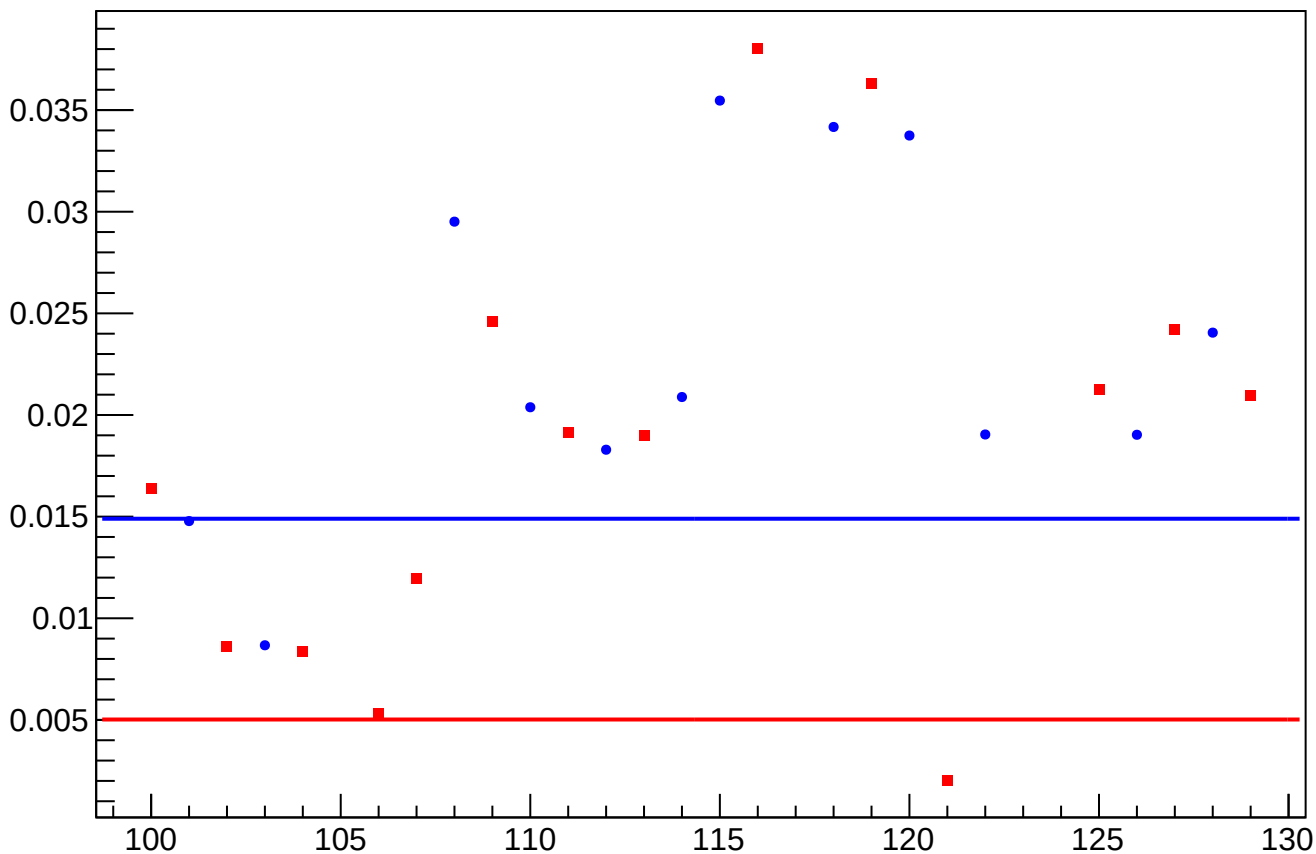
Right: -0.000+/-0.000 χ^2/NDF : 28.3/25

In: 0.000+/-0.000 χ^2/NDF : 13.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.3/25

asym_atl2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 1765936.9/11

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

Right Out: 0.005+/-0.000 χ^2/NDF : 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

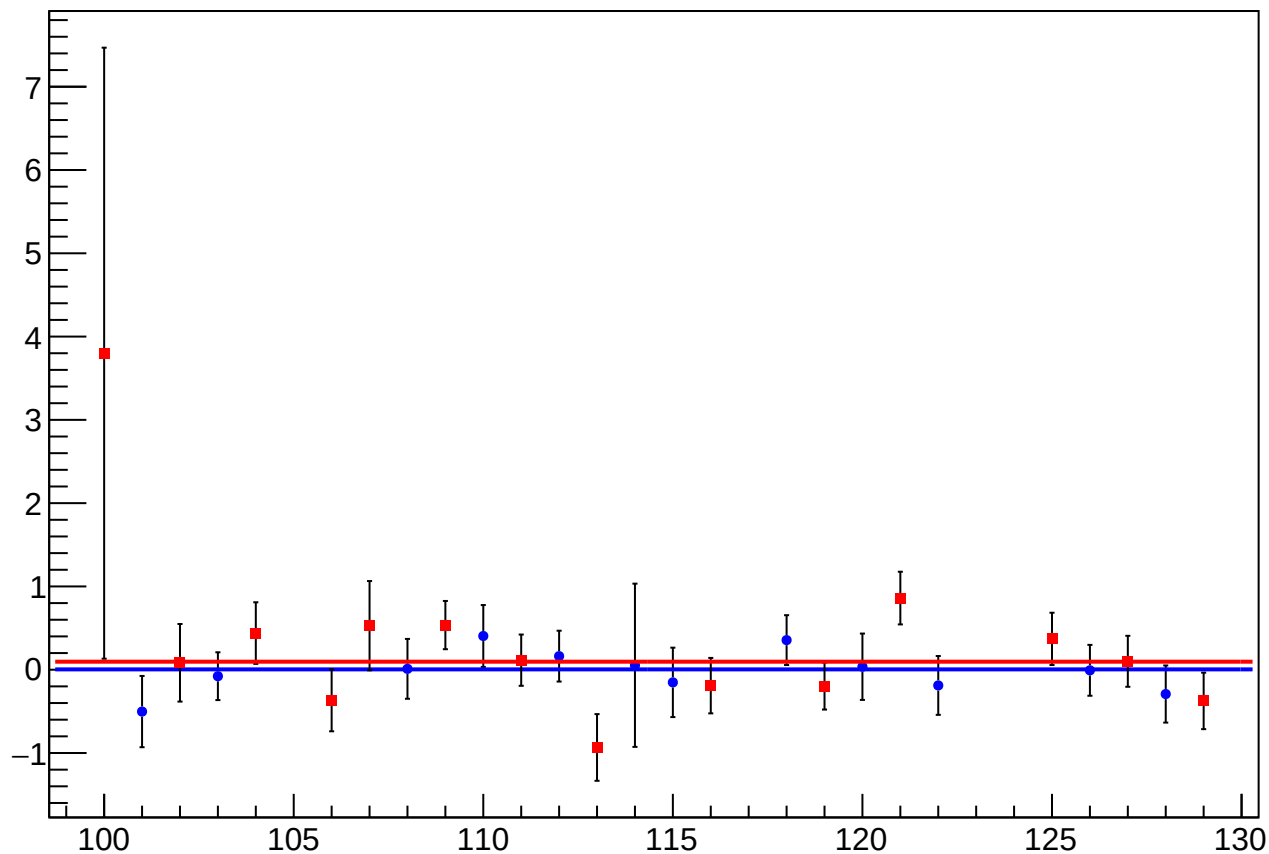
Right: 0.007+/-0.000 χ^2/NDF : 10747426.8/25

In: 0.015+/-0.000 χ^2/NDF :1765936.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 10747426.8/25

asym_atl2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004 $\pm$ 0.103 χ^2/NDF : 5.5/11

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

Right Out: 0.096 $\pm$ 0.094 χ^2/NDF : 23.4/13

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

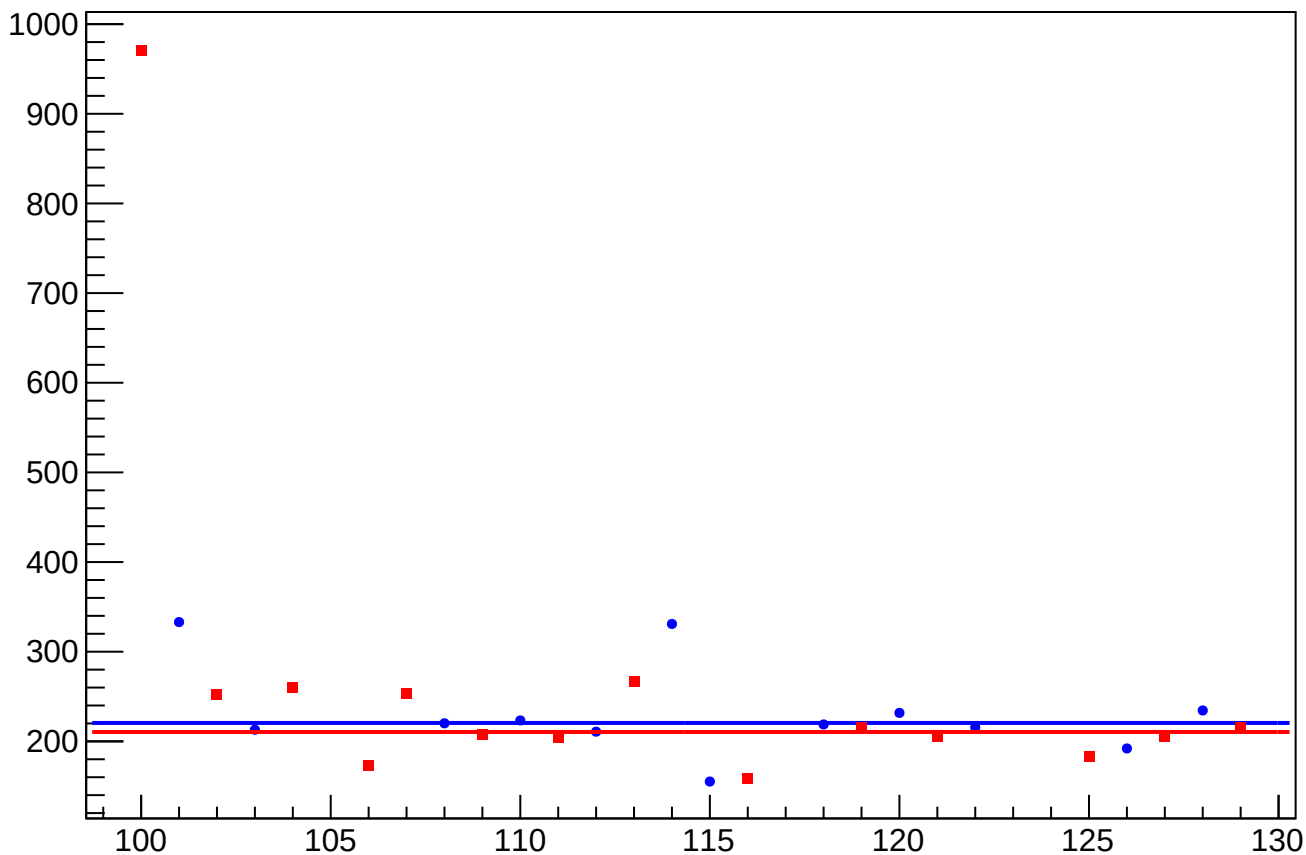
Right: 0.054 $\pm$ 0.069 χ^2/NDF : 29.3/25

In: 0.004 $\pm$ 0.103 χ^2/NDF : 5.5/11

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

All: 0.054 $\pm$ 0.069 χ^2/NDF : 29.3/25

asym_atl2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 220.530+/-0.073 χ^2/NDF : 239192.2/11

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

Right Out: 210.467+/-0.067 χ^2/NDF : 275850.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

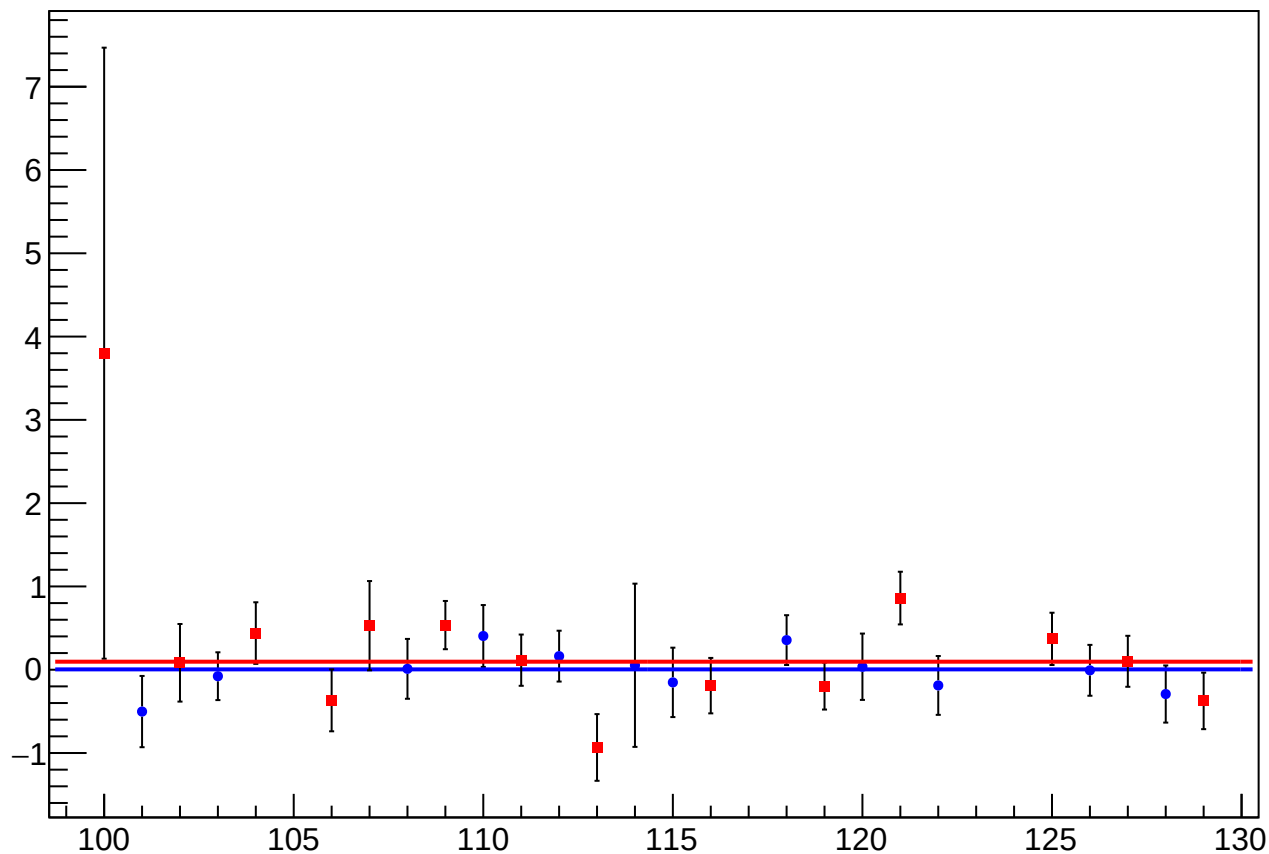
Right: 215.070+/-0.049 χ^2/NDF : 525465.4/25

In: 220.530+/-0.073 χ^2/NDF : 239192.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 215.070+/-0.049 χ^2/NDF : 525465.4/25

asym_atl2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.103 χ^2/NDF : 5.5/11

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

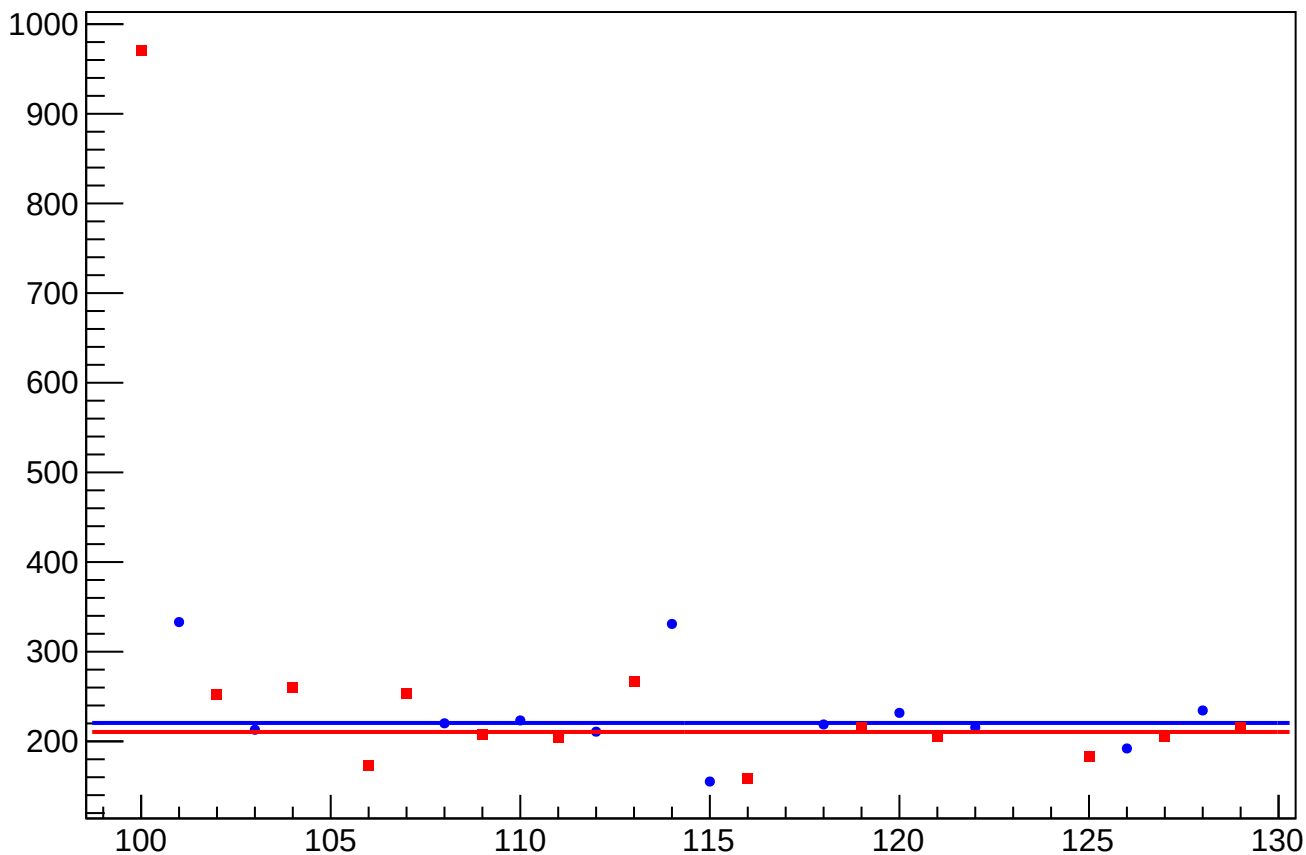
Right: 0.054+/-0.069 χ^2/NDF : 29.3/25

In: 0.004+/-0.103 χ^2/NDF : 5.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.054+/-0.069 χ^2/NDF : 29.3/25

asym_atl2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 220.530+/-0.073 χ^2/NDF : 239192.2/11

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

Right Out: 210.467+/-0.067 χ^2/NDF : 275850.3/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

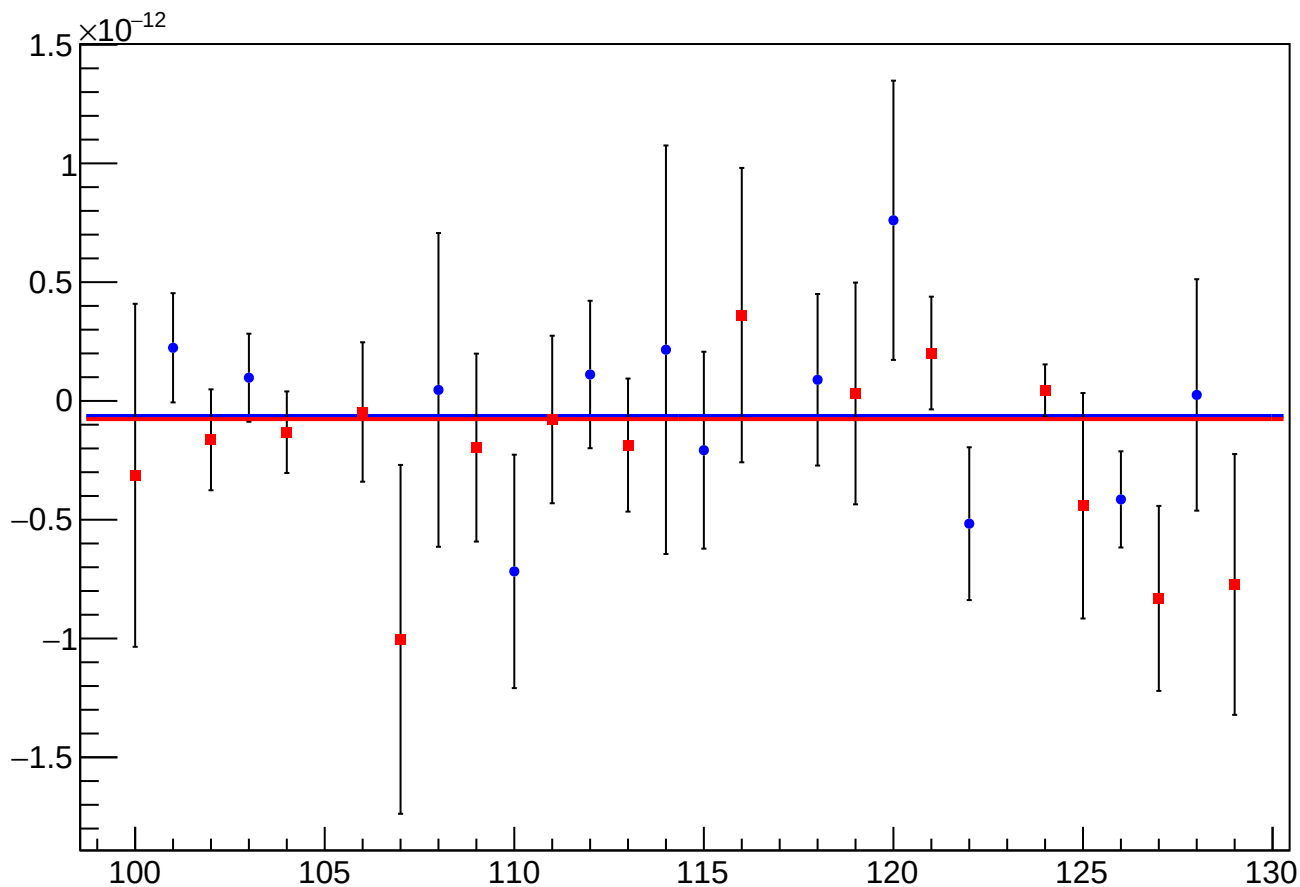
Right: 215.070+/-0.049 χ^2/NDF : 525465.4/25

In: 220.530+/-0.073 χ^2/NDF : 239192.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 215.070+/-0.049 χ^2/NDF : 525465.4/25

asym_atl2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.8/11

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

Right Out: -0.000+/-0.000 χ^2/NDF : 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

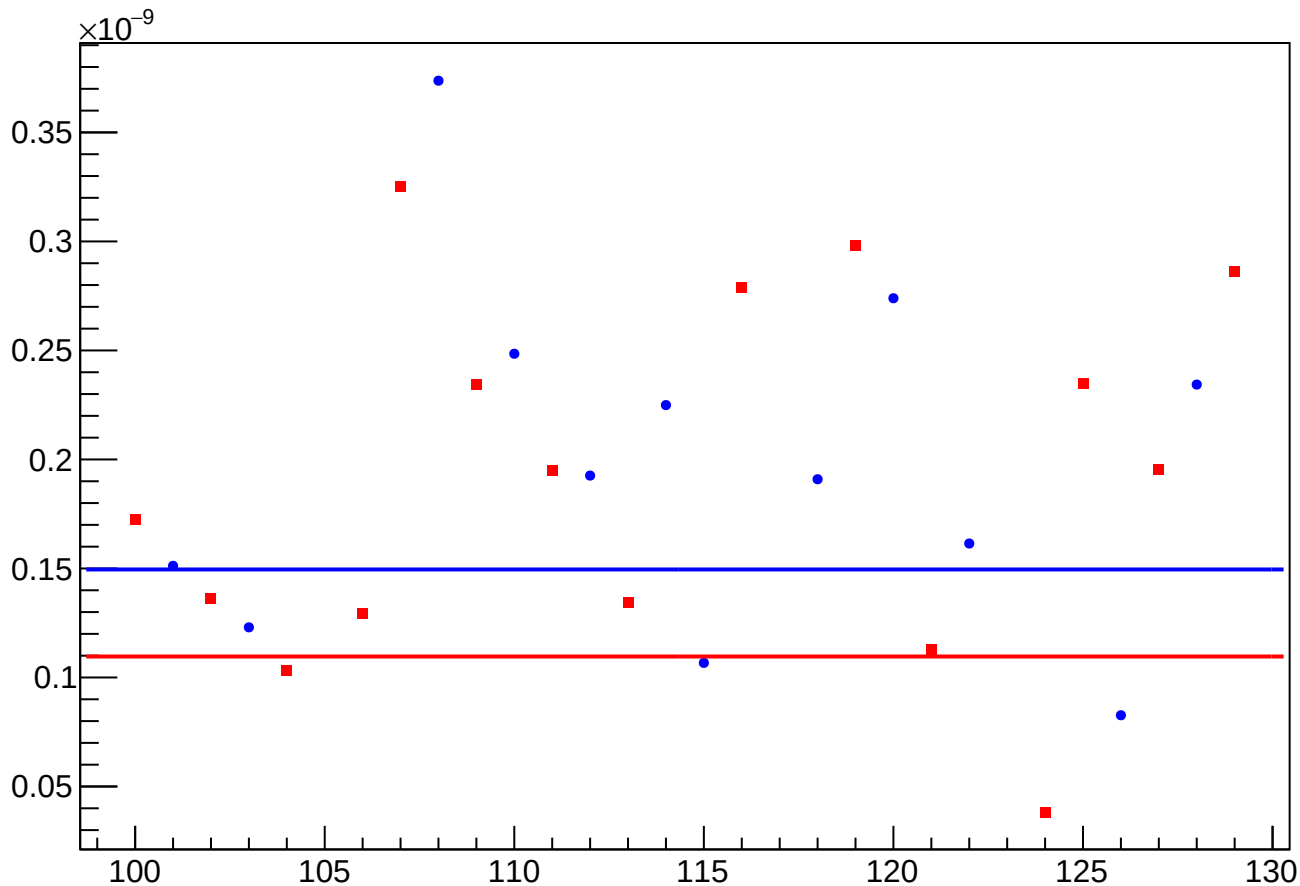
Right: -0.000+/-0.000 χ^2/NDF : 23.2/26

In: -0.000+/-0.000 χ^2/NDF : 11.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.2/26

asym_atl2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 825605.9/11

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

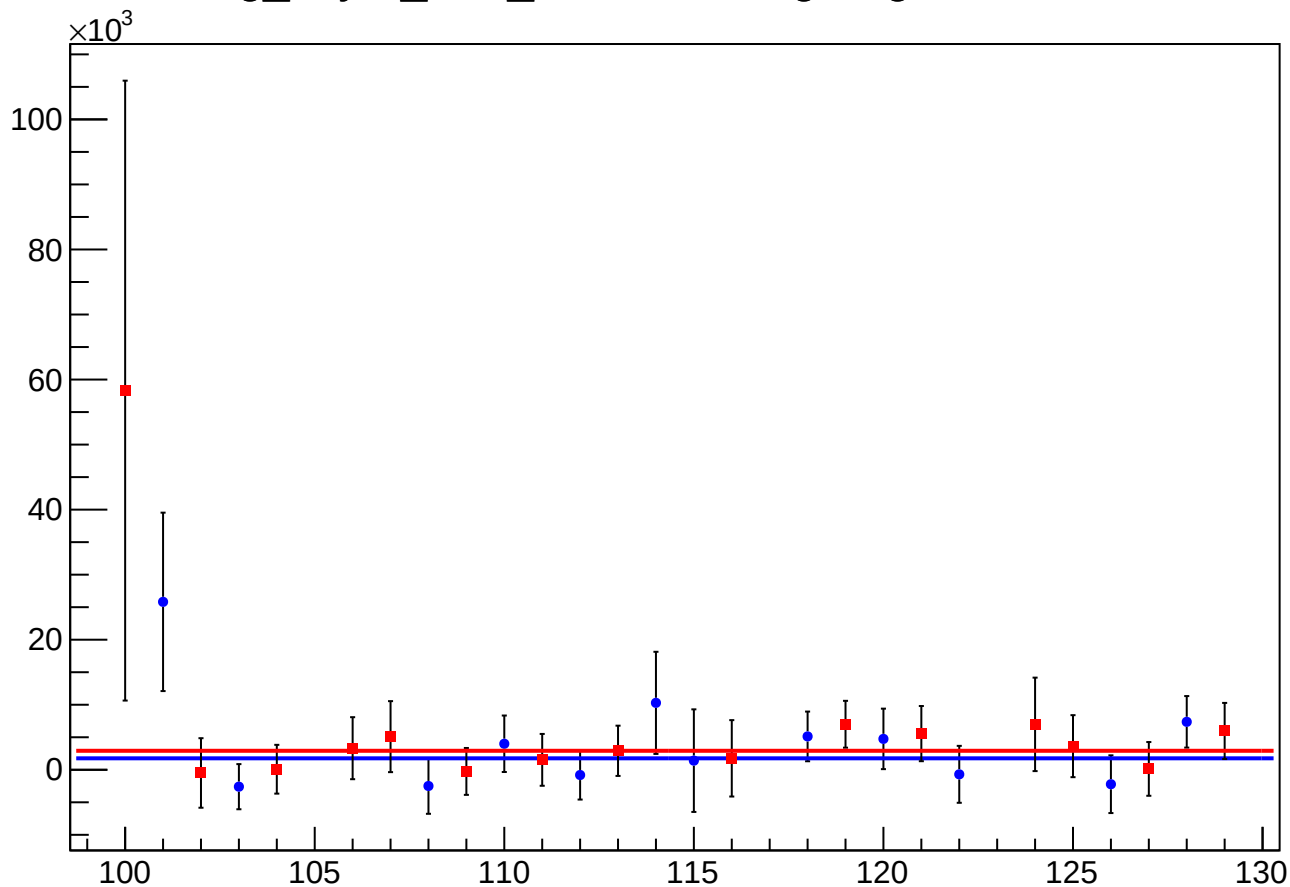
Right: 0.000+/-0.000 χ^2/NDF : 3414021.3/26

In: 0.000+/-0.000 χ^2/NDF :825605.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3414021.3/26

reg_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1761.666+/-1313.044 χ^2/NDF : 11.9/11

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

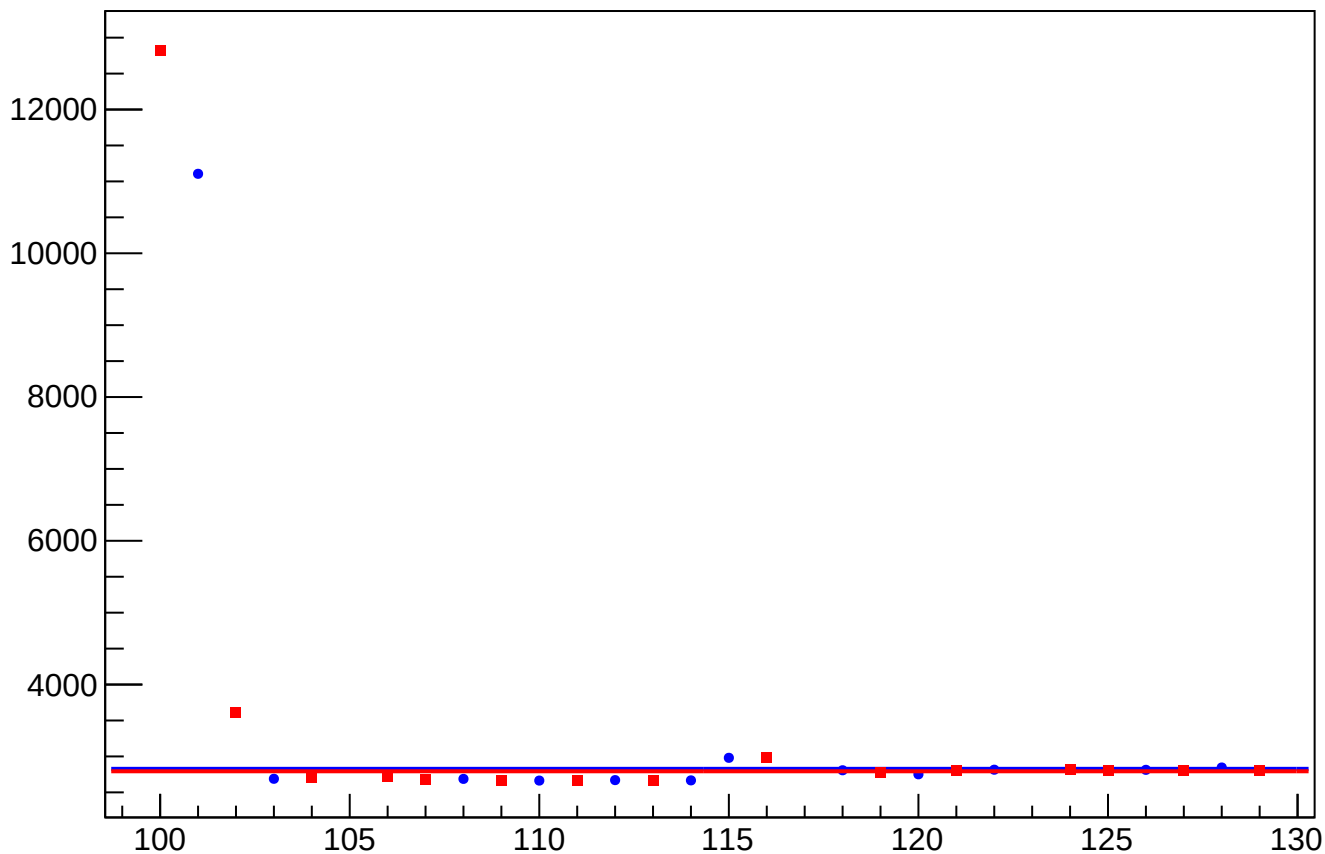
Right: 2406.743+/-874.259 χ^2/NDF : 18.7/26

In: 1761.666+/-1313.044 χ^2/NDF : 11.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2406.743+/-874.259 χ^2/NDF : 18.7/26

reg_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2827.433+/-0.928 χ^2/NDF : 742376.6/11

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

Right Out: 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

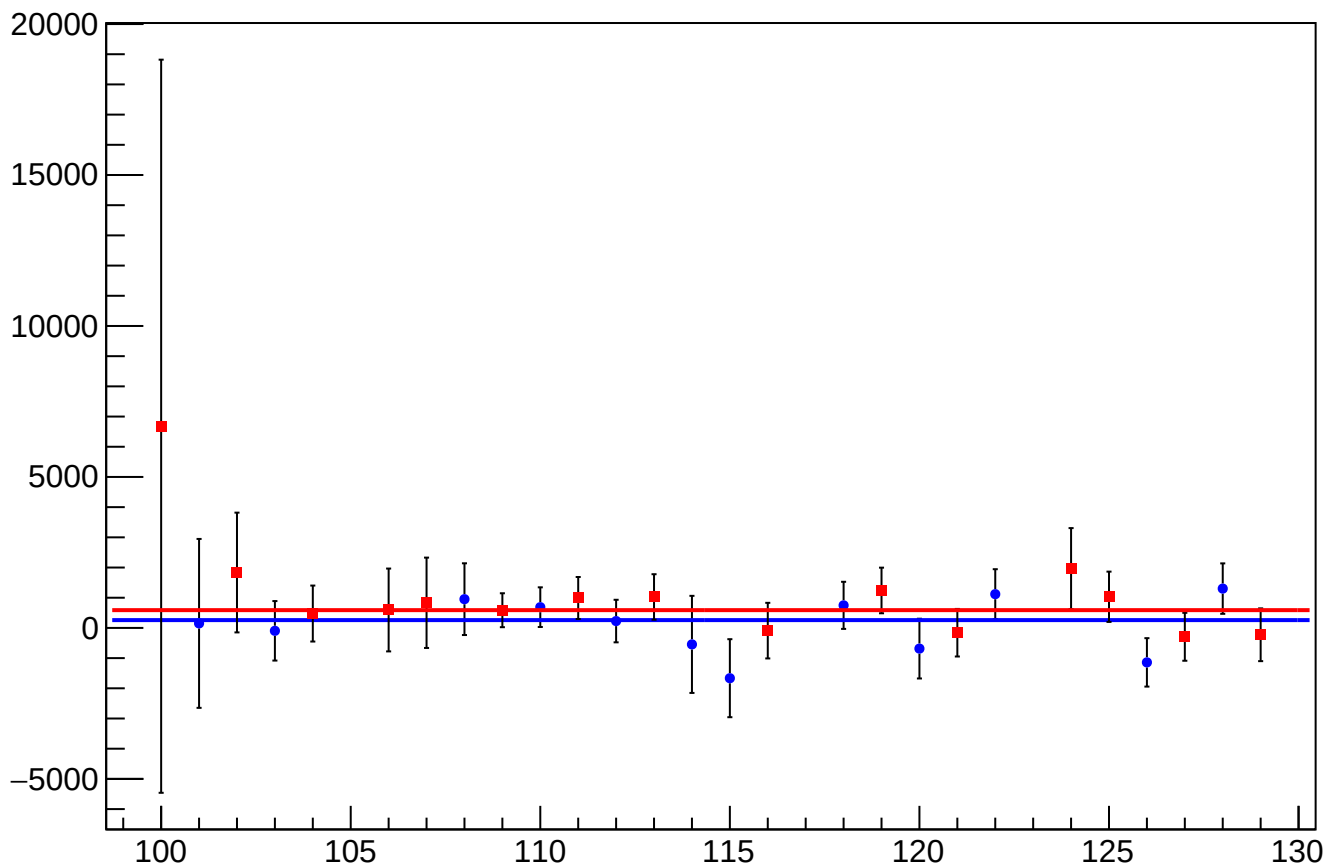
Right: 2808.471+/-0.618 χ^2/NDF : 889435.7/26

In: 2827.433+/-0.928 χ^2/NDF : 742376.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2808.471+/-0.618 χ^2/NDF : 889435.7/26

asym_atr1_reg_correction_mean vs Slug, Sign Corrected



Right In: 258.763+/-264.408 χ^2/NDF : 10.4/11

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

Right Out: 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

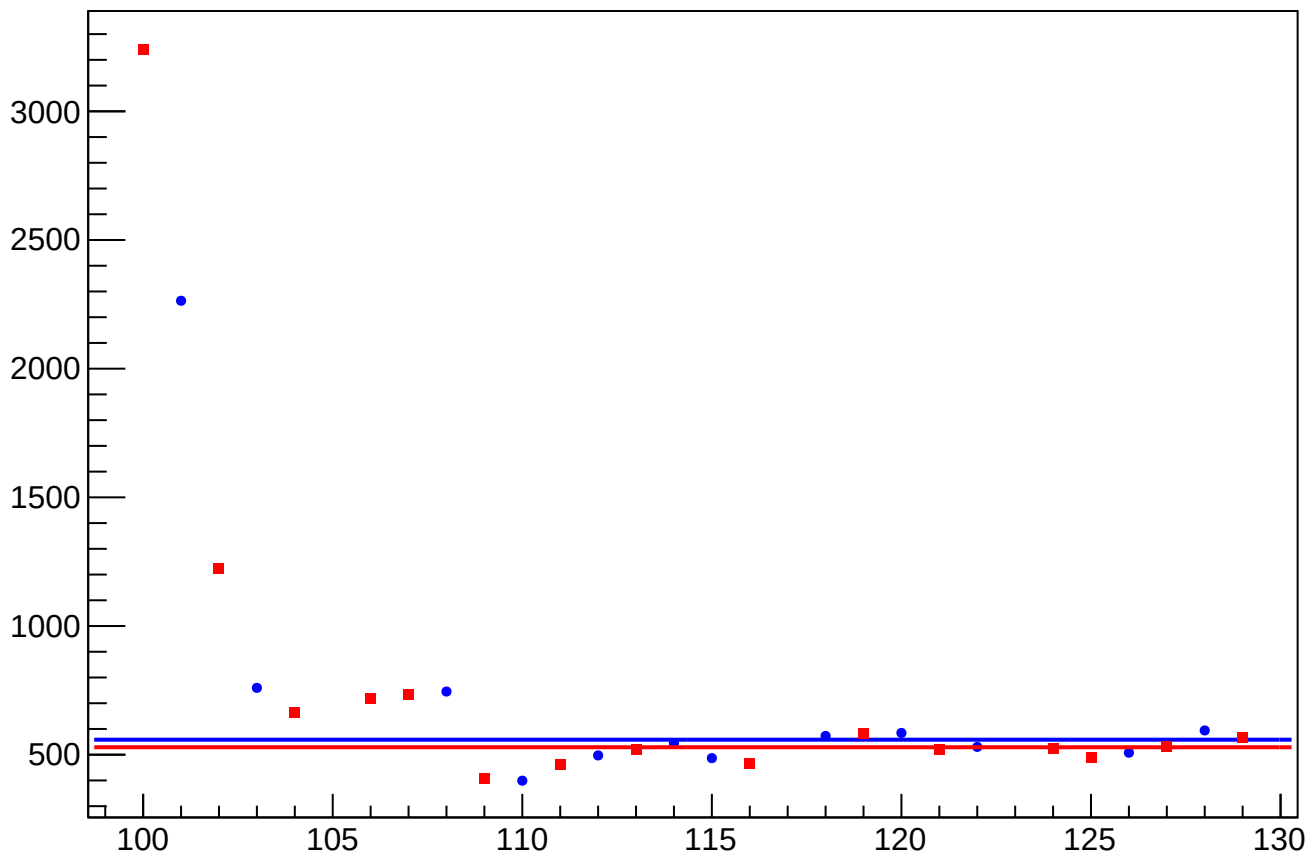
Right: 446.430+/-173.696 χ^2/NDF : 18.2/26

In: 258.763+/-264.408 χ^2/NDF : 10.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 446.430+/-173.696 χ^2/NDF : 18.2/26

asym_atr1_reg_correction_rms vs Slug, Sign Corrected



Right In: 558.342+/-0.187 χ^2/NDF : 1031749.0/11

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

Right Out: 528.963+/-0.163 χ^2/NDF : 604877.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

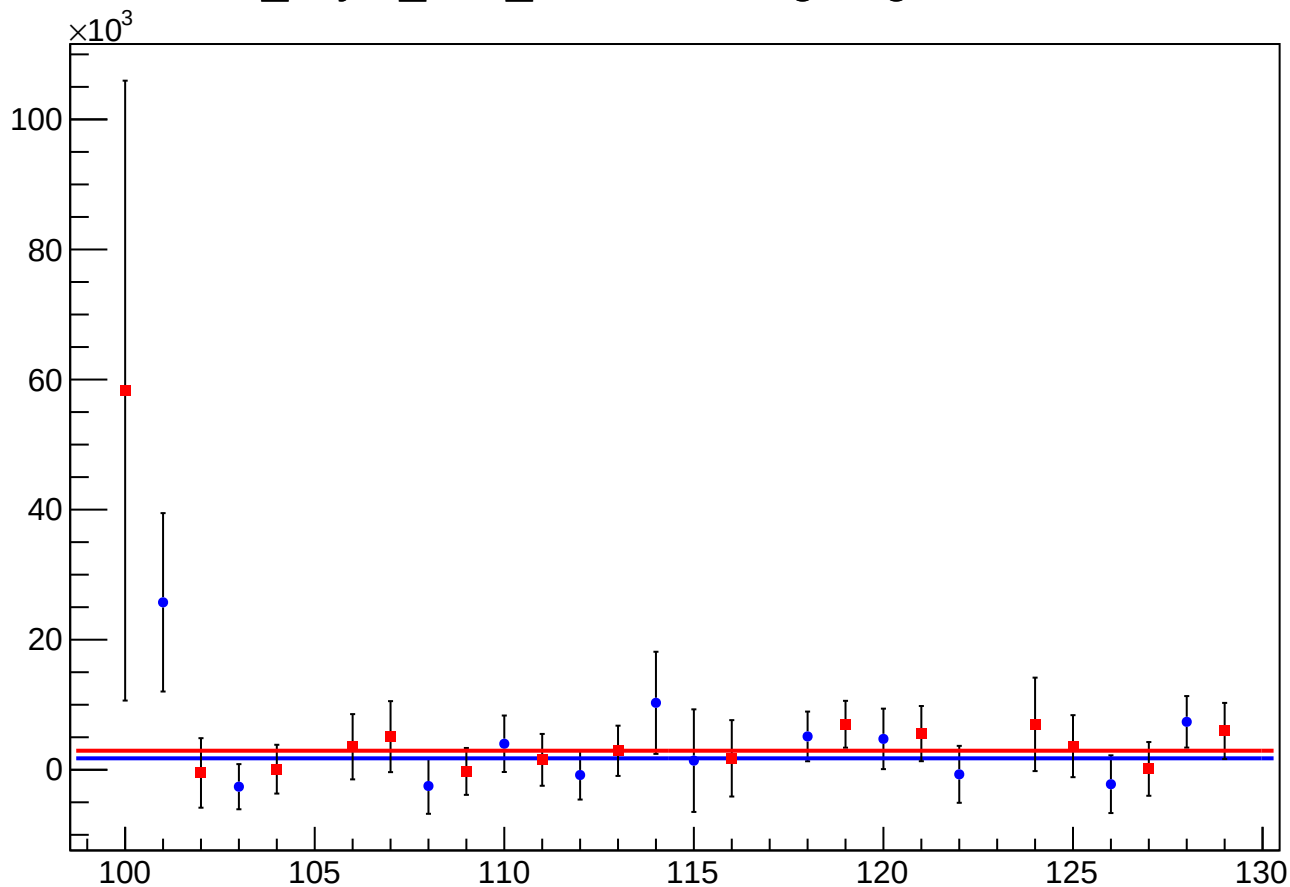
Right: 541.642+/-0.123 χ^2/NDF : 1650662.6/26

In: 558.342+/-0.187 χ^2/NDF : 1031749.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 541.642+/-0.123 χ^2/NDF : 1650662.6/26

cor_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1760.668 ± 1313.044 χ^2/NDF : 11.9/11

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

Right Out: 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

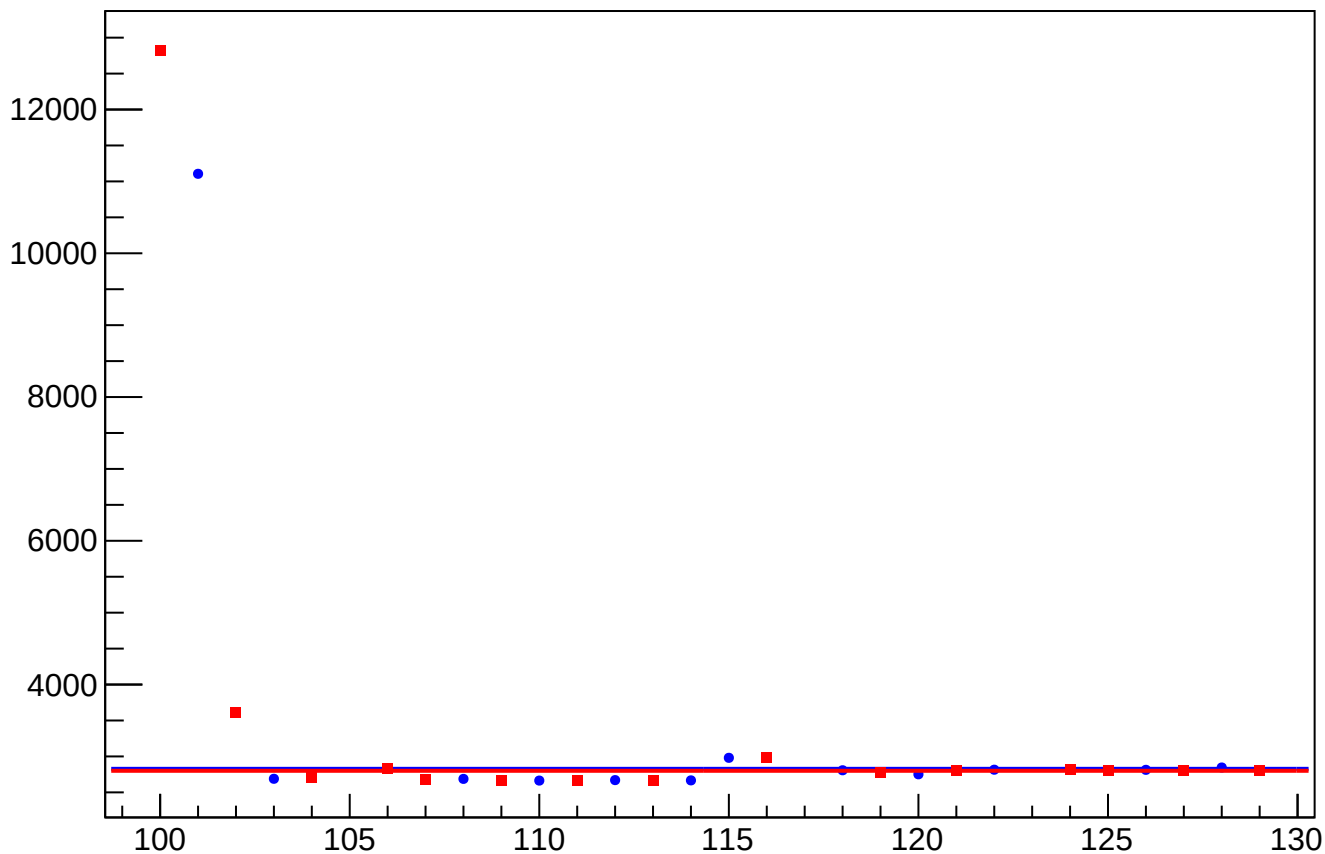
Right: 2410.600 ± 875.694 χ^2/NDF : 18.7/26

In: 1760.668 ± 1313.044 χ^2/NDF : 11.9/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 2410.600 ± 875.694 χ^2/NDF : 18.7/26

cor_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2827.433+/-0.928 χ^2/NDF : 742375.7/11

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

Right Out: 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

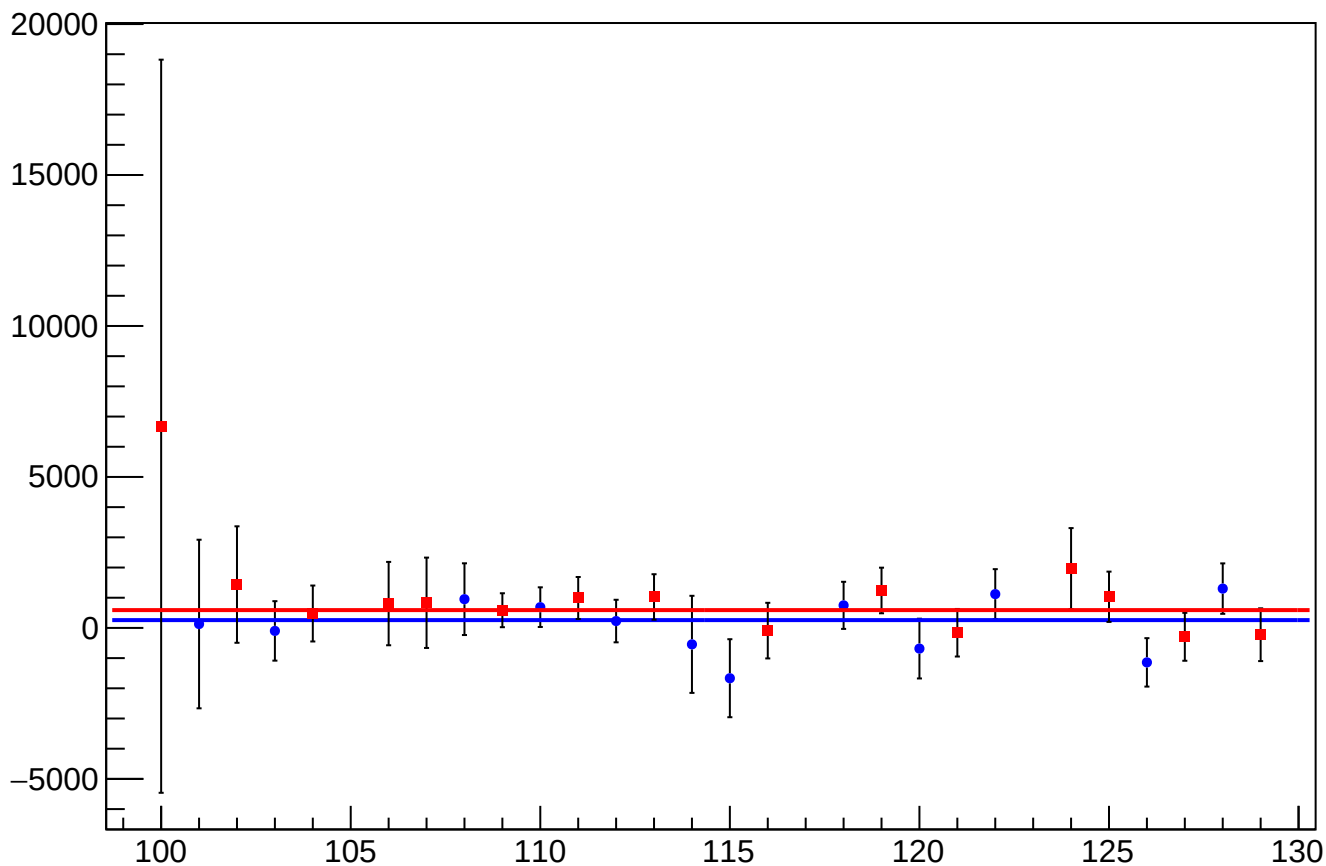
Right: 2812.335+/-0.619 χ^2/NDF : 888801.9/26

In: 2827.433+/-0.928 χ^2/NDF : 742375.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2812.335+/-0.619 χ^2/NDF : 888801.9/26

asym_atr1_cor_correction_mean vs Slug, Sign Corrected



Right In: 258.639+/-264.400 χ^2/NDF : 10.4/11

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

Right Out: 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

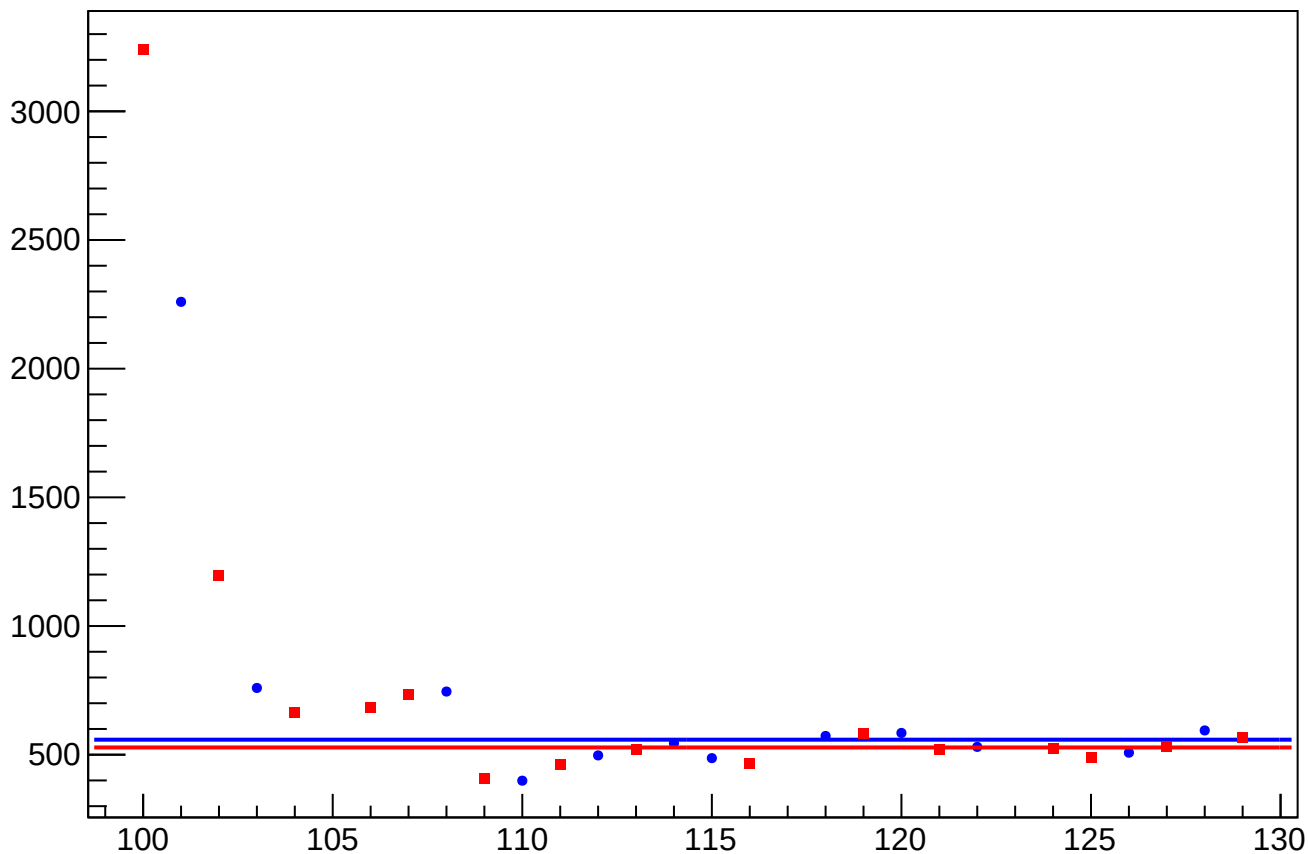
Right: 447.136+/-173.670 χ^2/NDF : 18.1/26

In: 258.639+/-264.400 χ^2/NDF : 10.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 447.136+/-173.670 χ^2/NDF : 18.1/26

asym_atr1_cor_correction_rms vs Slug, Sign Corrected



Right In: 558.362+/-0.187 χ^2/NDF : 1030764.4/11

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

Right Out: 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

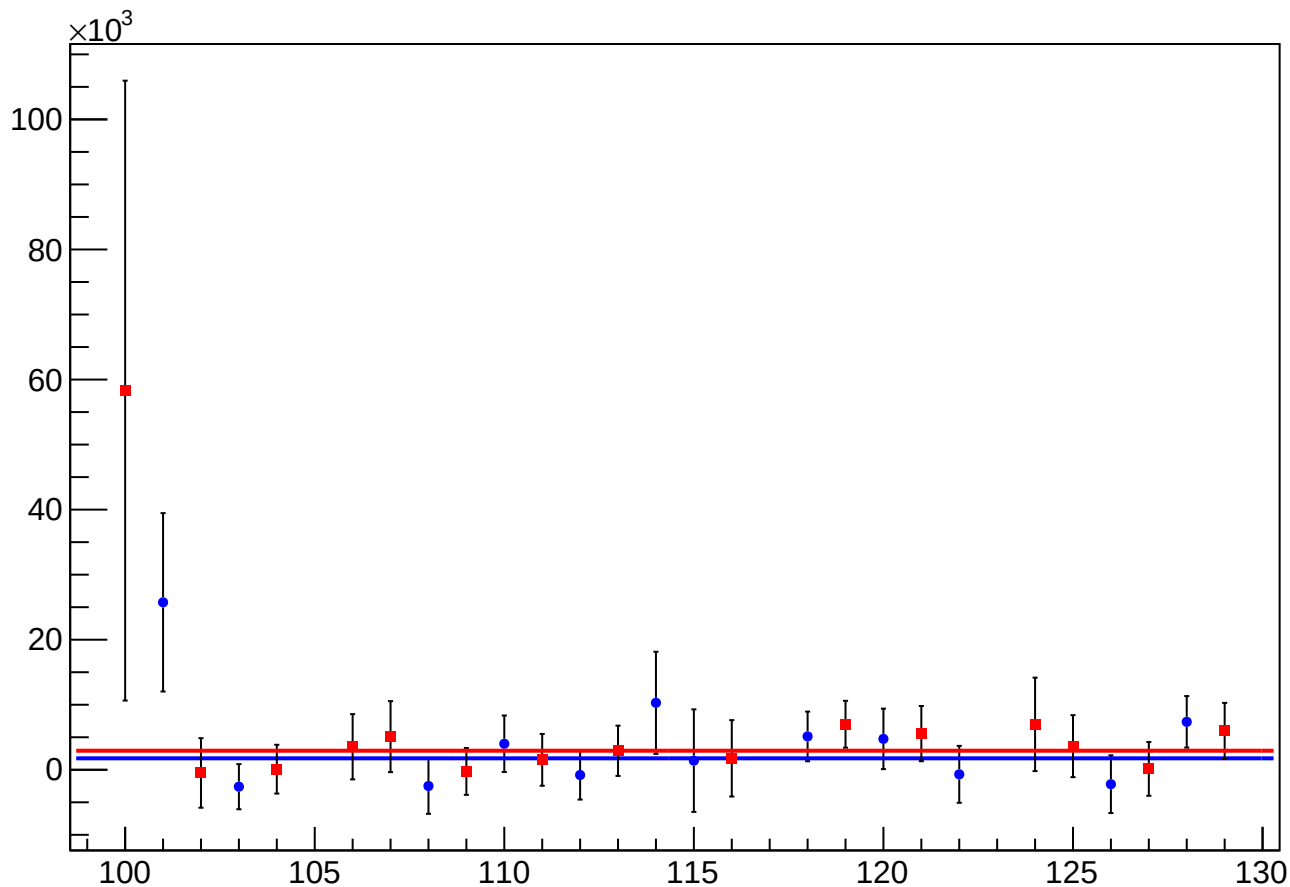
Right: 541.169+/-0.123 χ^2/NDF : 1633669.7/26

In: 558.362+/-0.187 χ^2/NDF : 1030764.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 541.169+/-0.123 χ^2/NDF : 1633669.7/26

eigen_cor_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1760.668+/-1313.044 χ^2/NDF : 11.9/11

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

Right Out: 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

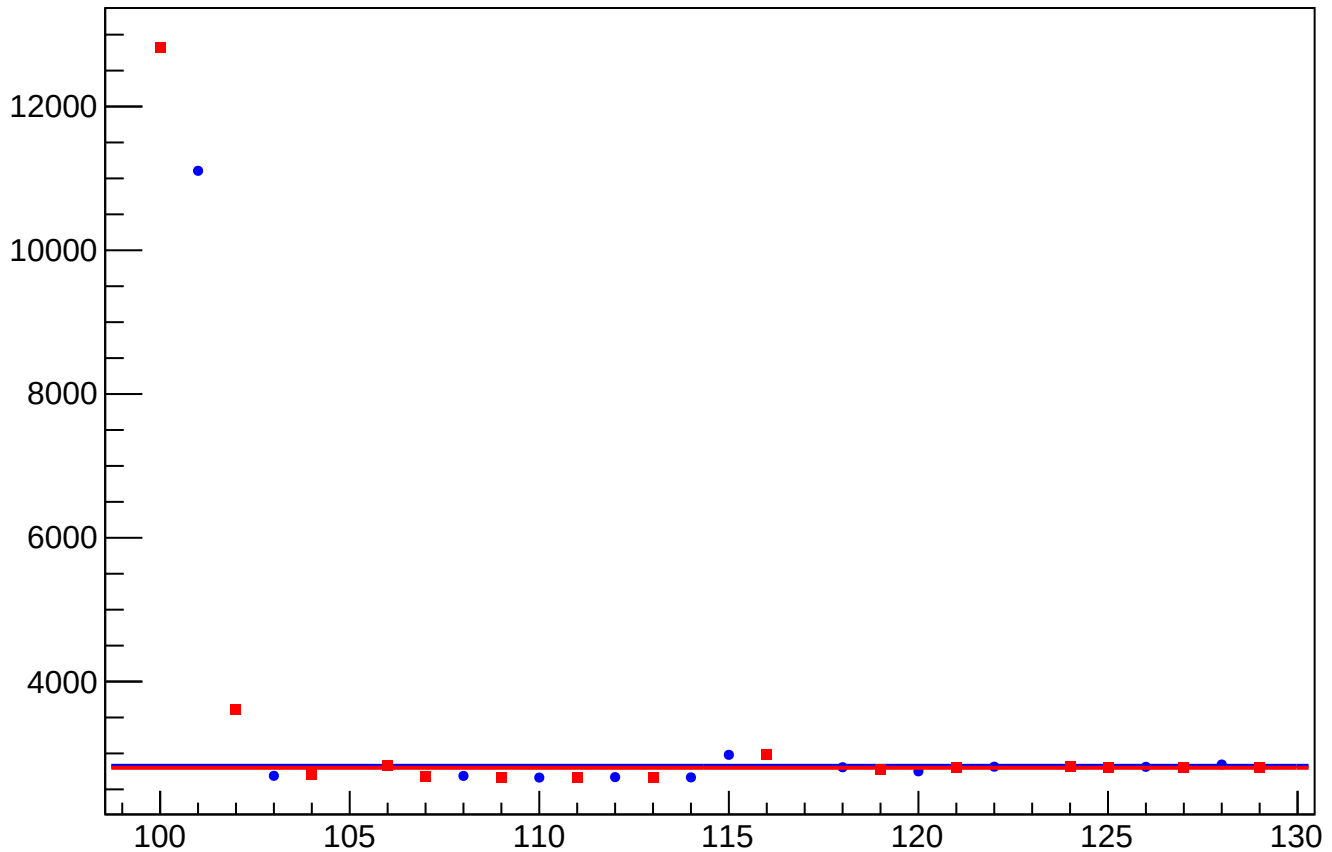
Right: 2410.600+/-875.694 χ^2/NDF : 18.7/26

In: 1760.668+/-1313.044 χ^2/NDF : 11.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2410.600+/-875.694 χ^2/NDF : 18.7/26

eigen_cor_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2827.433+/-0.928 χ^2/NDF : 742375.7/11

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

Right Out: 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

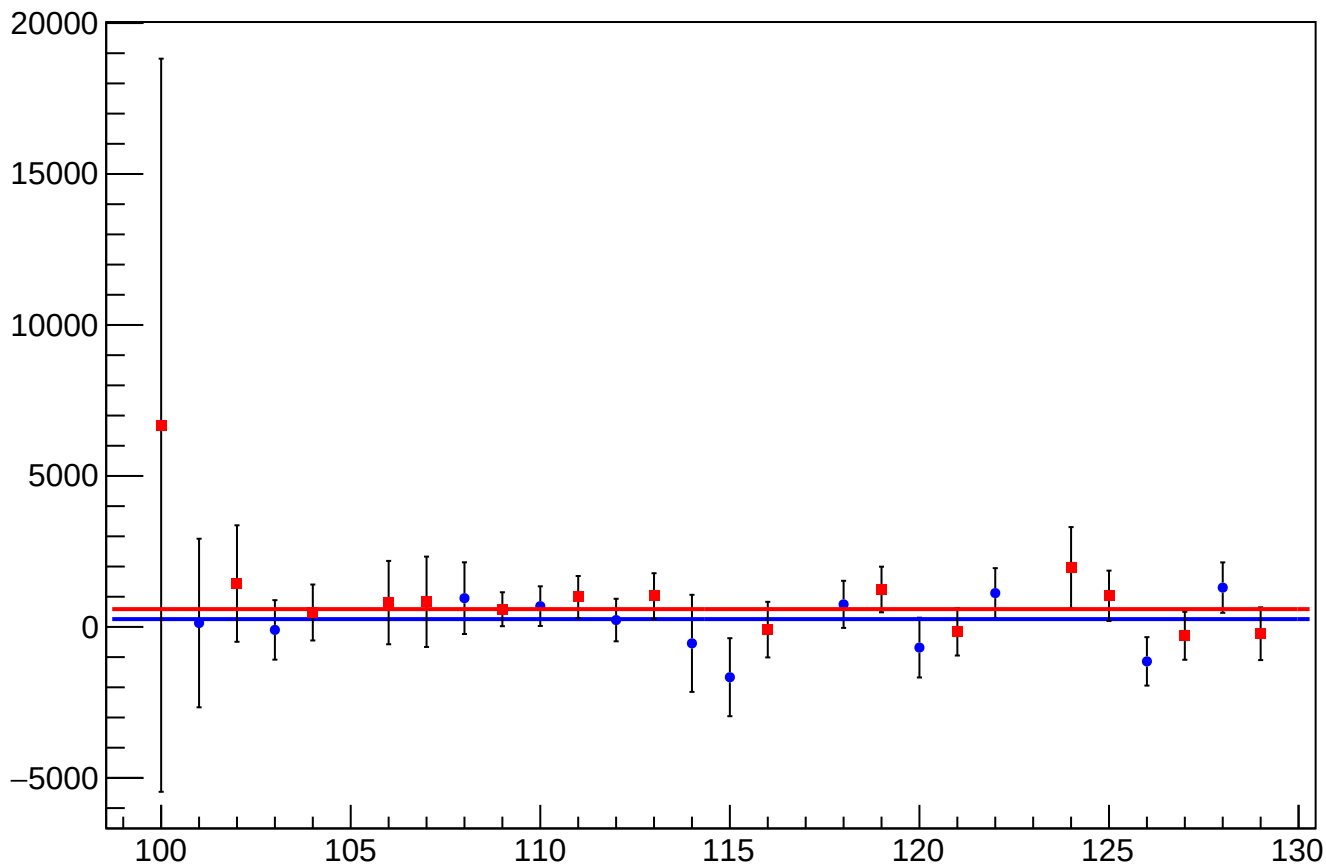
Right: 2812.335+/-0.619 χ^2/NDF : 888801.9/26

In: 2827.433+/-0.928 χ^2/NDF : 742375.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2812.335+/-0.619 χ^2/NDF : 888801.9/26

asym_atr1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 258.639+/-264.400 χ^2/NDF : 10.4/11

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

Right Out: 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

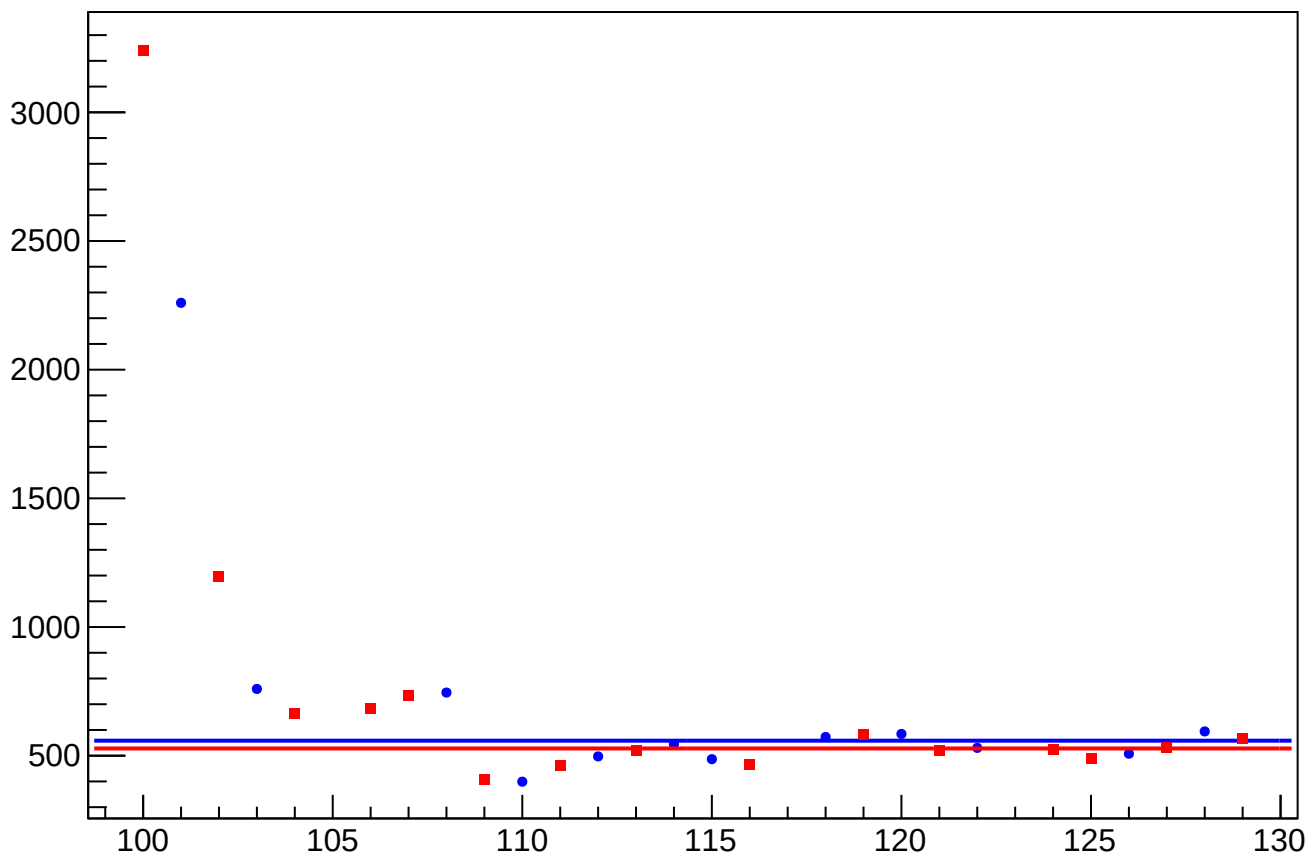
Right: 447.136+/-173.670 χ^2/NDF : 18.1/26

In: 258.639+/-264.400 χ^2/NDF : 10.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 447.136+/-173.670 χ^2/NDF : 18.1/26

asym_atr1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 558.362+/-0.187 χ^2/NDF : 1030764.4/11

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

Right Out: 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

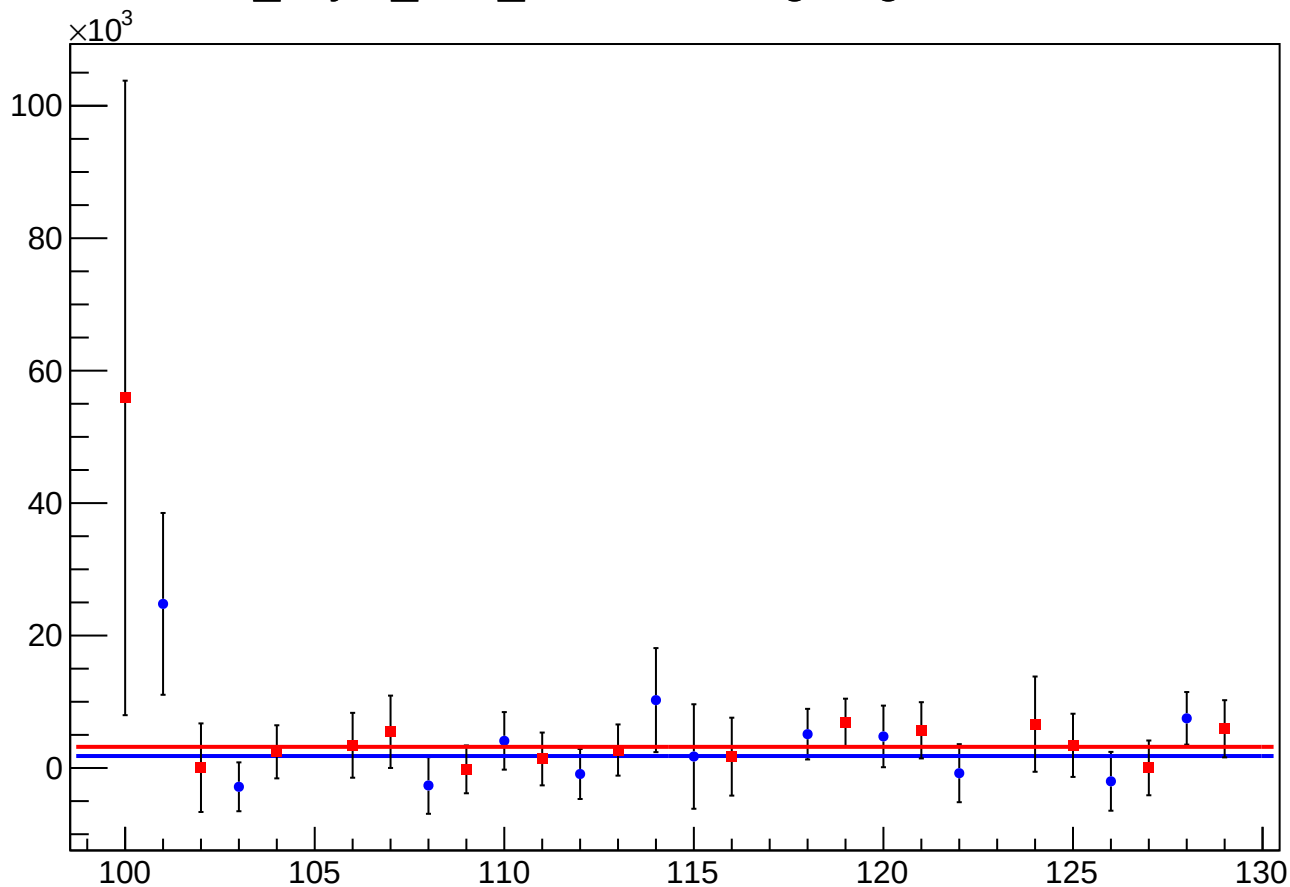
Right: 541.169+/-0.123 χ^2/NDF : 1633669.7/26

In: 558.362+/-0.187 χ^2/NDF : 1030764.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 541.169+/-0.123 χ^2/NDF : 1633669.7/26

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1807.623+/-1324.926 χ^2/NDF : 11.7/11

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

Right Out: 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

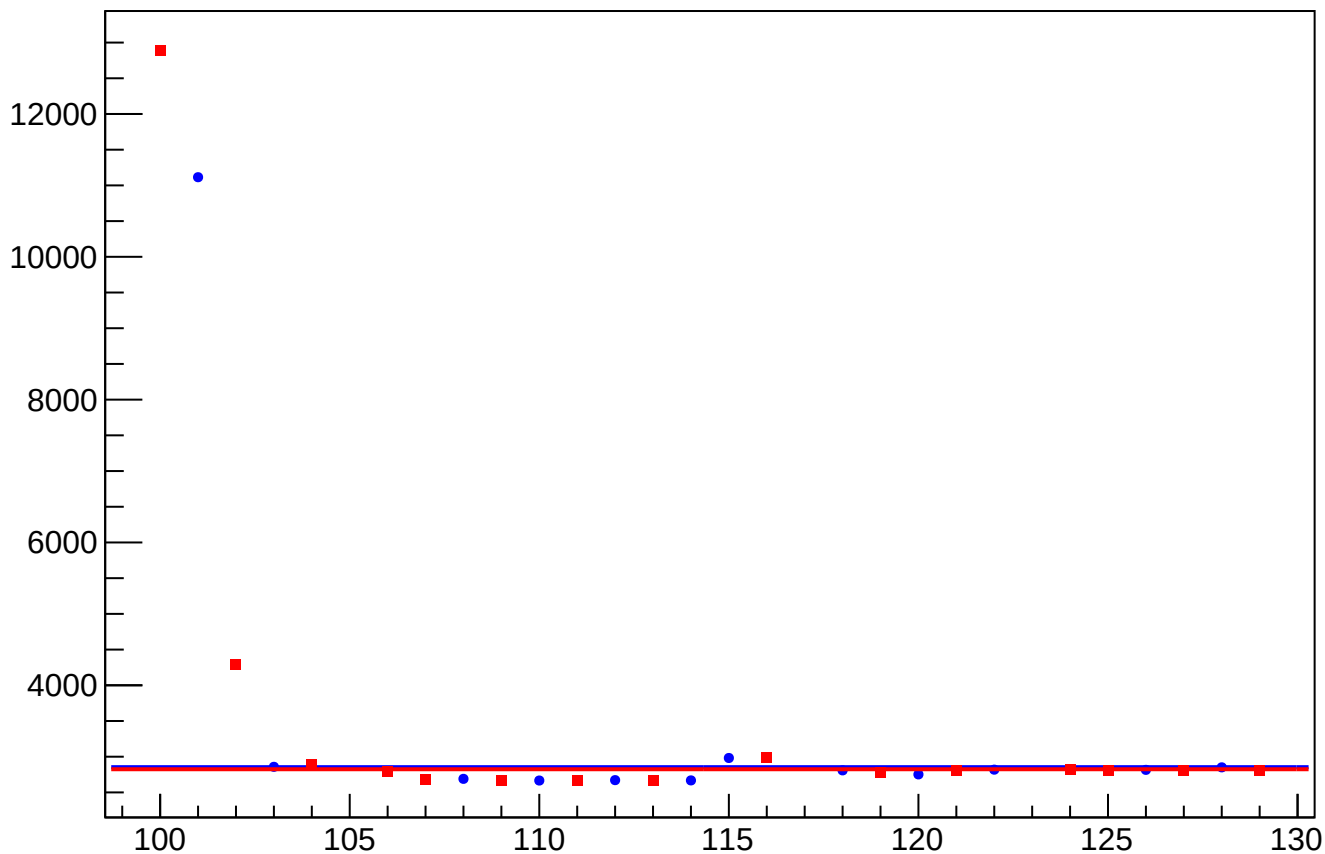
Right: 2572.878+/-886.228 χ^2/NDF : 17.7/26

In: 1807.623+/-1324.926 χ^2/NDF : 11.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2572.878+/-886.228 χ^2/NDF : 17.7/26

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2853.544+/-0.937 χ^2/NDF : 738737.3/11

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

Right Out: 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

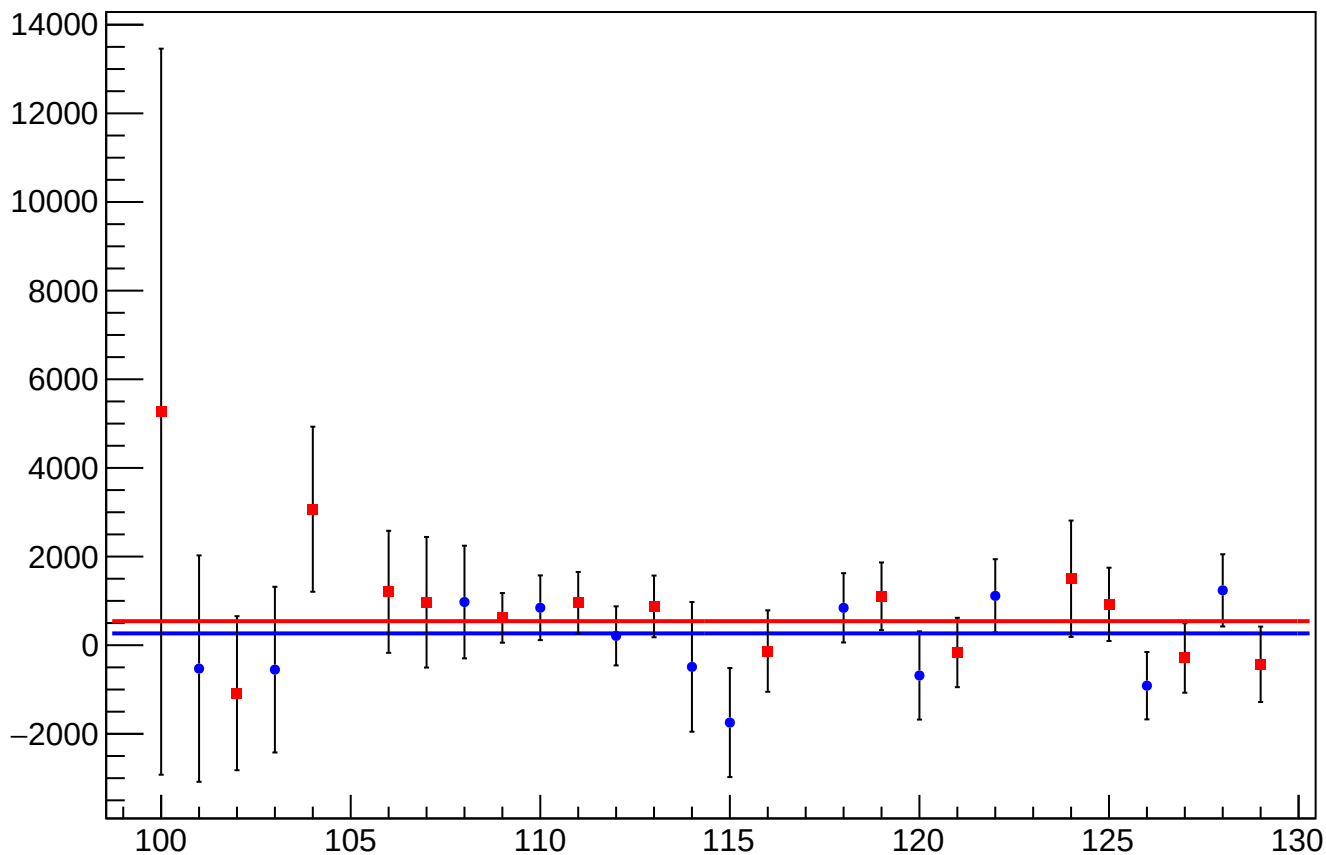
Right: 2837.464+/-0.627 χ^2/NDF : 938596.7/26

In: 2853.544+/-0.937 χ^2/NDF : 738737.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2837.464+/-0.627 χ^2/NDF : 938596.7/26

asym_atr1_dit_correction_mean vs Slug, Sign Corrected



Right In: 266.472+/-270.531 χ^2/NDF : 10.5/11

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

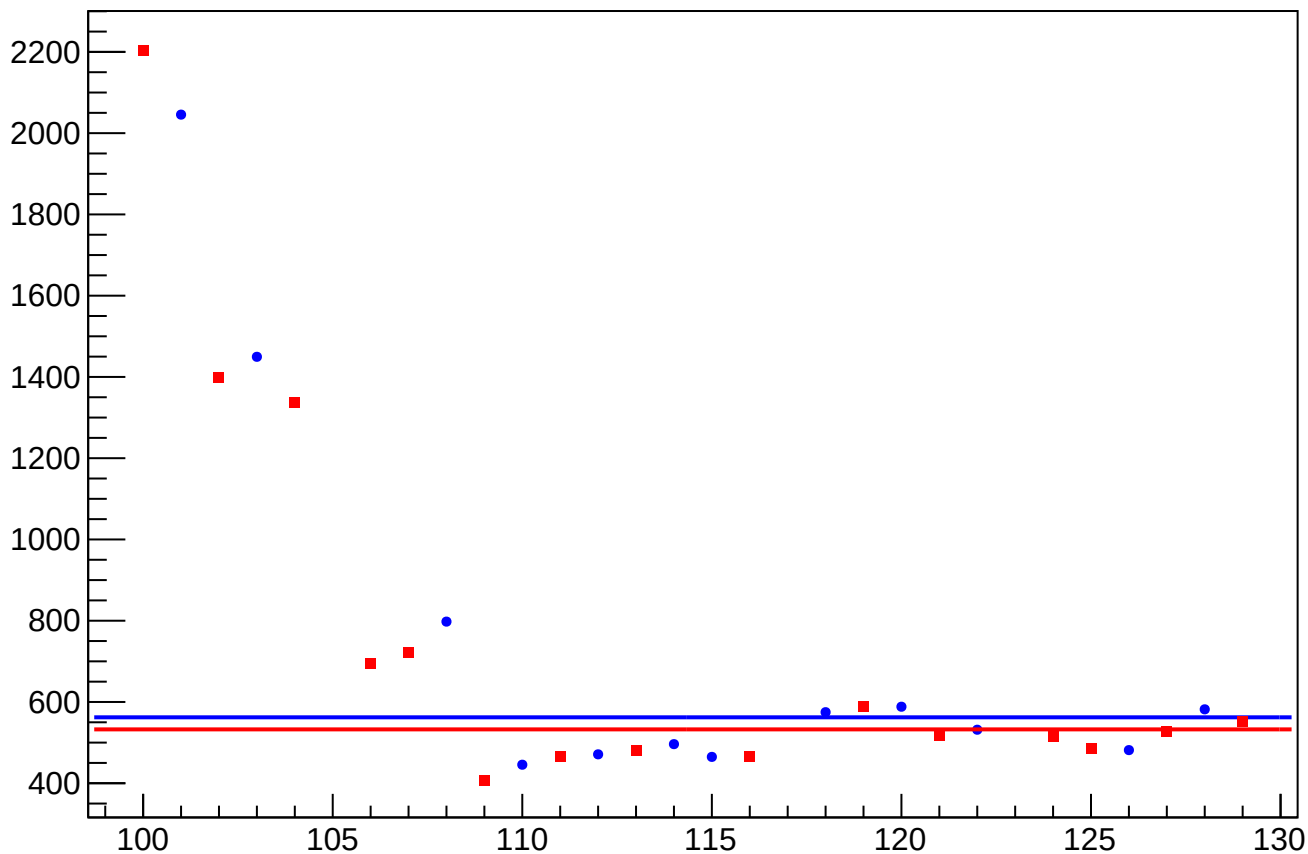
Right: 425.435+/-176.281 χ^2/NDF : 20.1/26

In: 266.472+/-270.531 χ^2/NDF :10.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 425.435+/-176.281 χ^2/NDF : 20.1/26

asym_atr1_dit_correction_rms vs Slug, Sign Corrected



Right In: 562.249+/-0.191 χ^2/NDF : 1327337.0/11

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

Right Out: 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

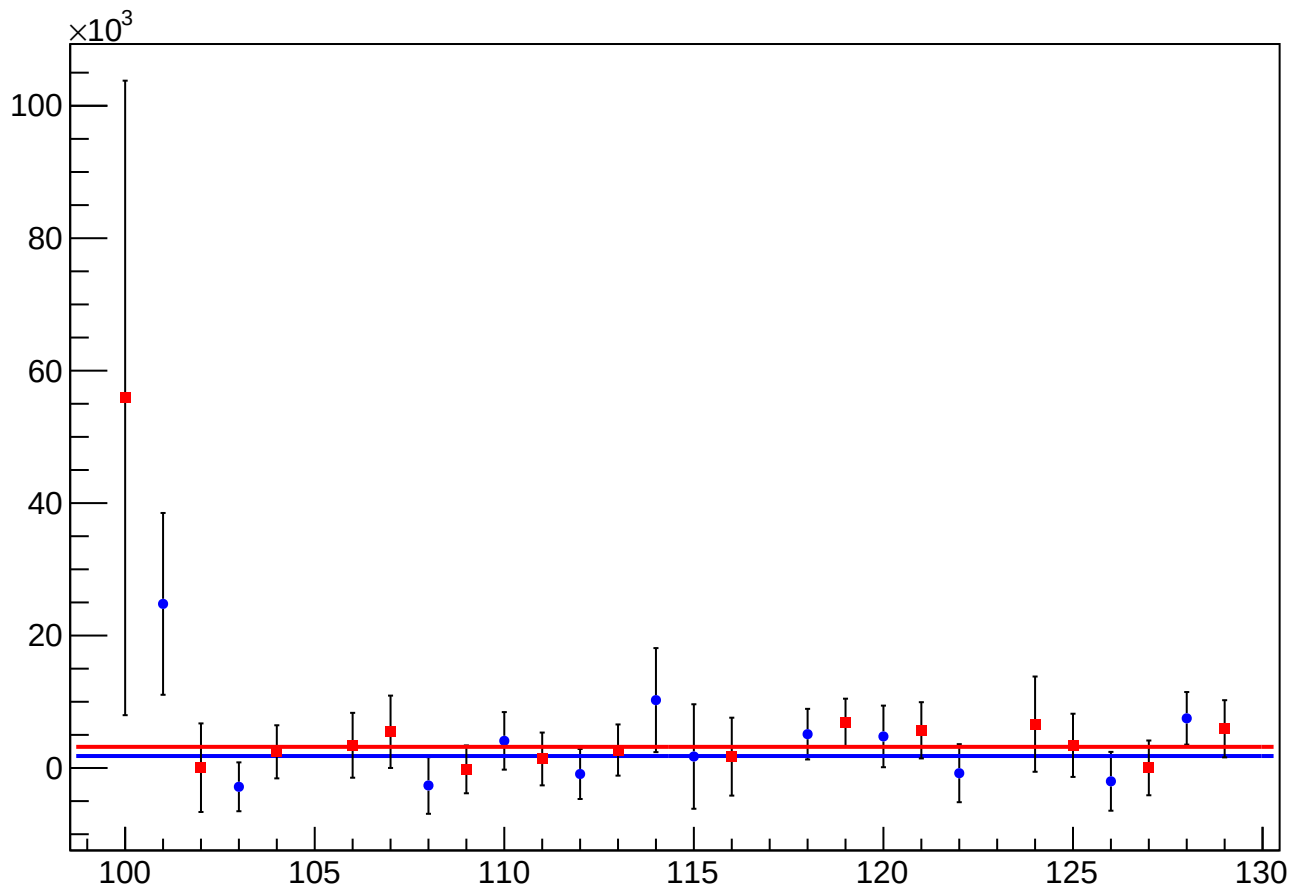
Right: 545.163+/-0.125 χ^2/NDF : 2516235.7/26

In: 562.249+/-0.191 χ^2/NDF : 1327337.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 545.163+/-0.125 χ^2/NDF : 2516235.7/26

eigen_dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1807.623+/-1324.926 χ^2/NDF : 11.7/11

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

Right Out: 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

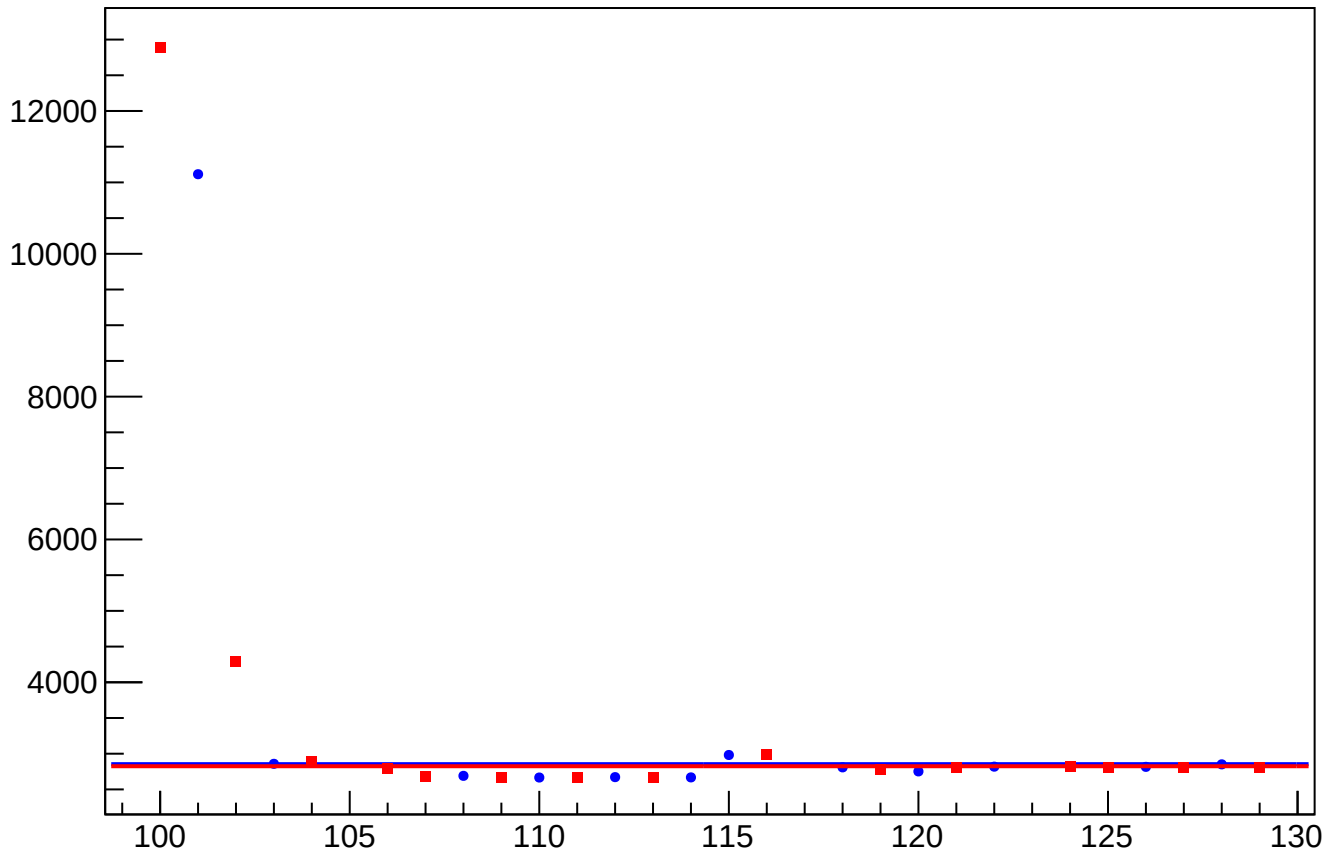
Right: 2572.878+/-886.228 χ^2/NDF : 17.7/26

In: 1807.623+/-1324.926 χ^2/NDF : 11.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2572.878+/-886.228 χ^2/NDF : 17.7/26

eigen_dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2853.544+/-0.937 χ^2/NDF : 738737.3/11

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

Right Out: 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

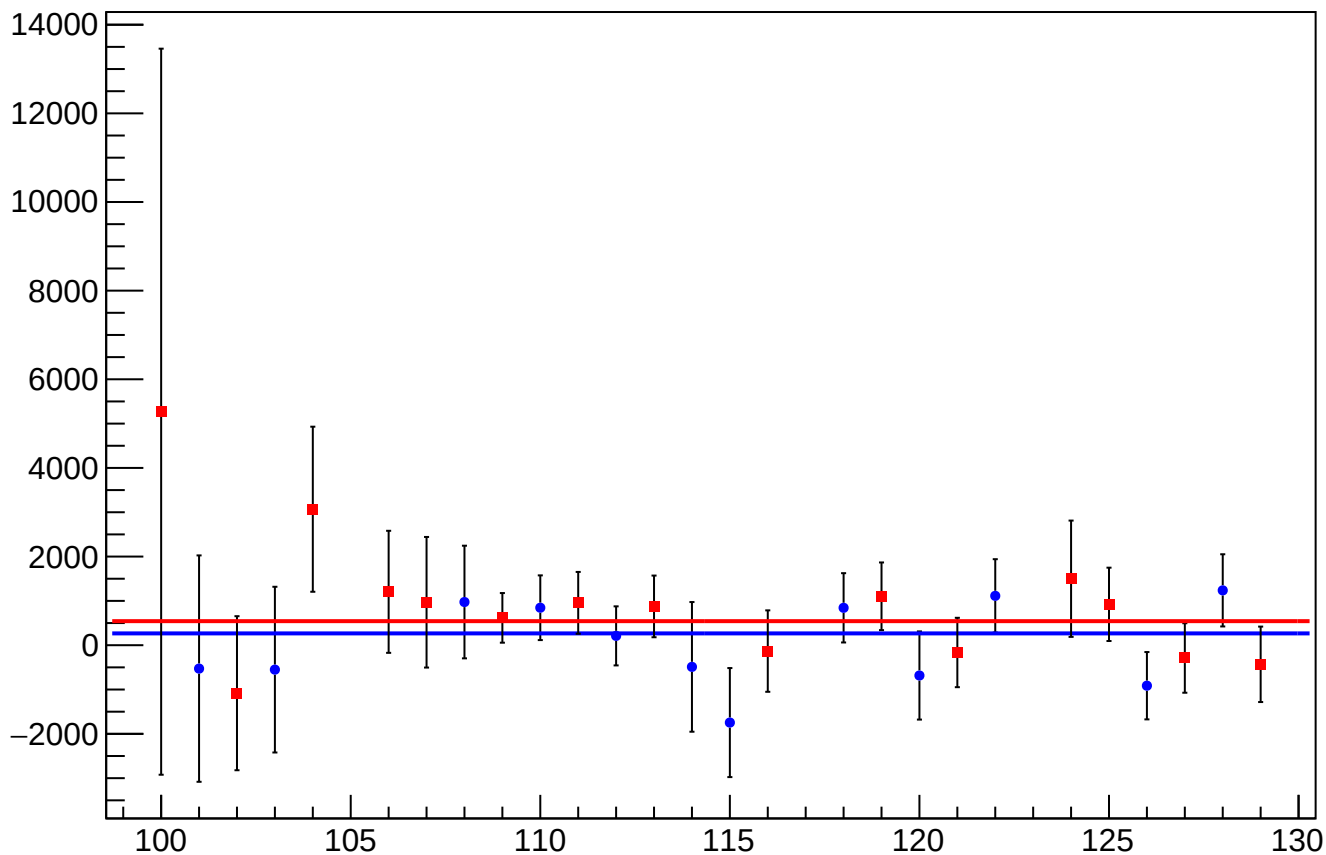
Right: 2837.464+/-0.627 χ^2/NDF : 938596.5/26

In: 2853.544+/-0.937 χ^2/NDF : 738737.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2837.464+/-0.627 χ^2/NDF : 938596.5/26

asym_atr1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 266.473+/-270.532 χ^2/NDF : 10.5/11

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

Right Out: 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

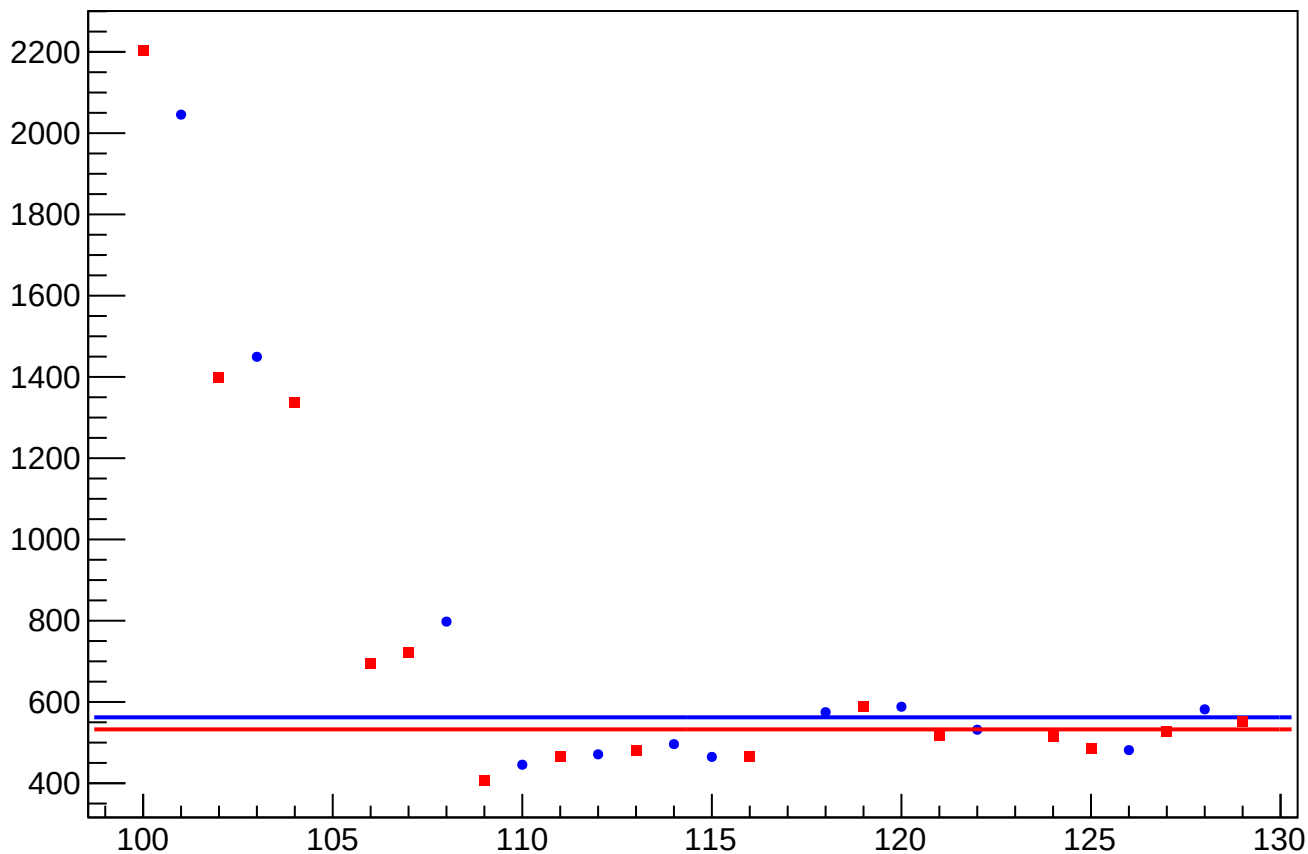
Right: 425.436+/-176.282 χ^2/NDF : 20.1/26

In: 266.473+/-270.532 χ^2/NDF :10.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 425.436+/-176.282 χ^2/NDF : 20.1/26

asym_atr1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 562.249+/-0.191 χ^2/NDF : 1327330.8/11

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

Right Out: 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

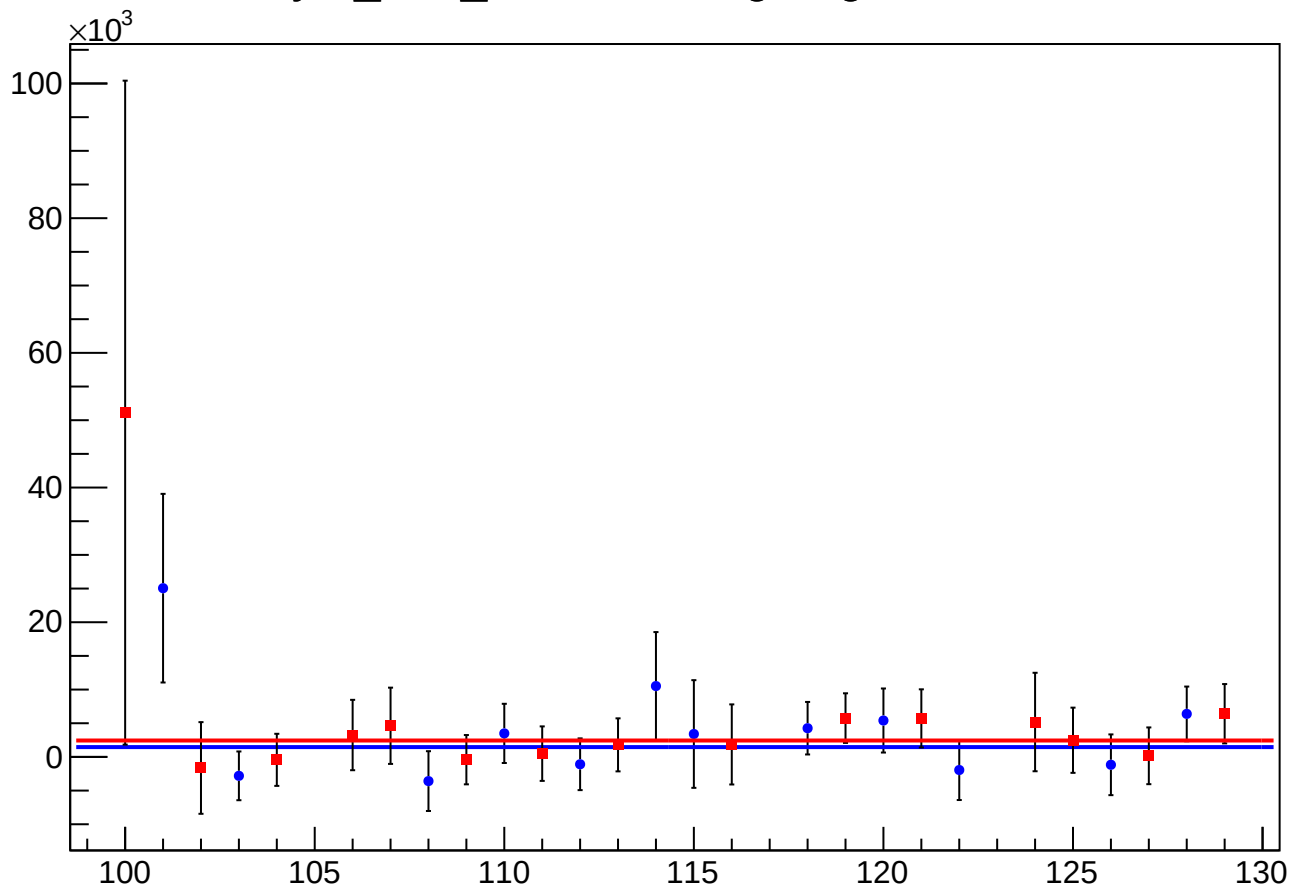
Right: 545.163+/-0.125 χ^2/NDF : 2516225.7/26

In: 562.249+/-0.191 χ^2/NDF : 1327330.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 545.163+/-0.125 χ^2/NDF : 2516225.7/26

asym_atr1_mean vs Slug, Sign Corrected



Right In: 1457.265+/-1344.633 χ^2/NDF : 11.1/11

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

Right Out: 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

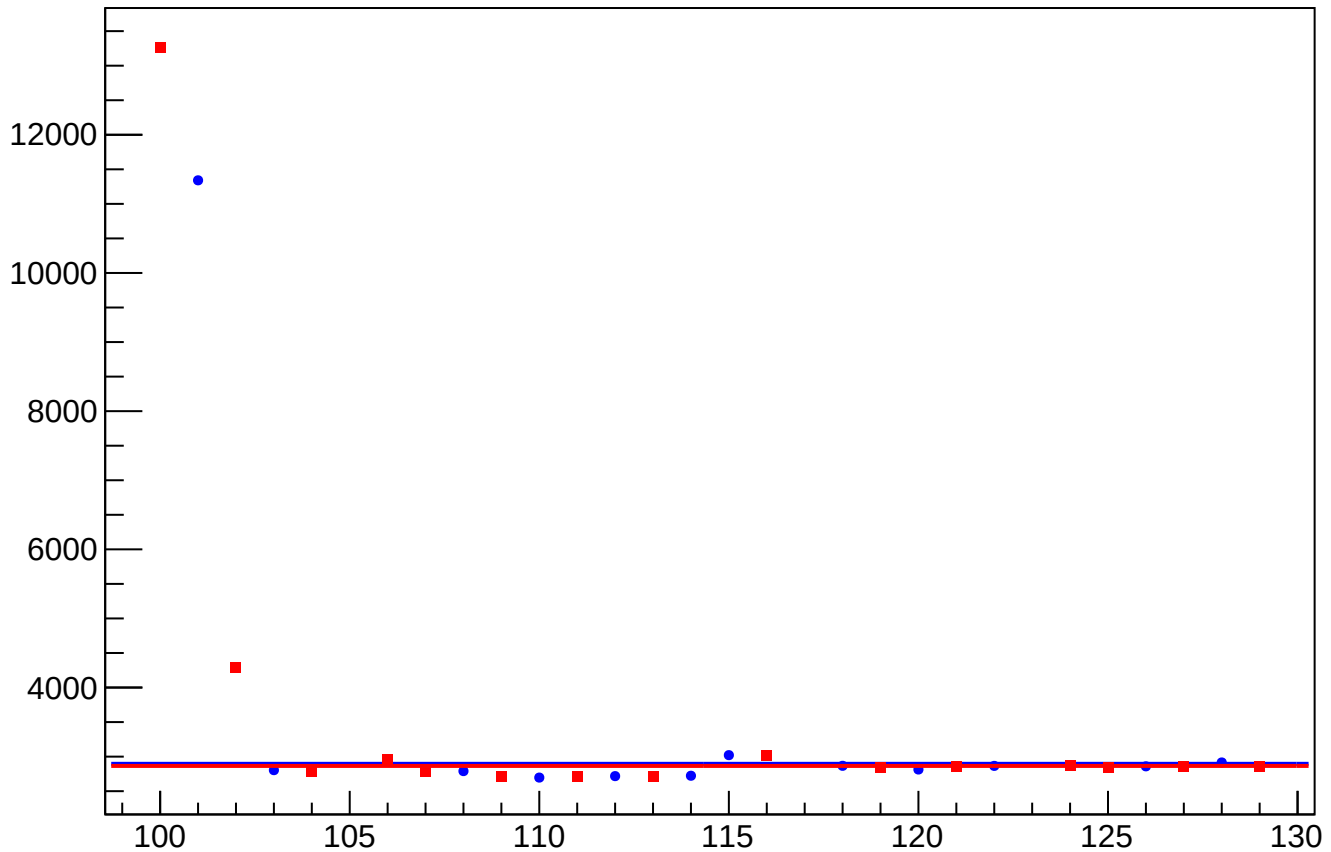
Right: 1997.777+/-899.880 χ^2/NDF : 17.0/26

In: 1457.265+/-1344.633 χ^2/NDF : 11.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1997.777+/-899.880 χ^2/NDF : 17.0/26

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2895.920+/-0.951 χ^2/NDF : 740354.5/11

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

Right Out: 2865.548+/-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

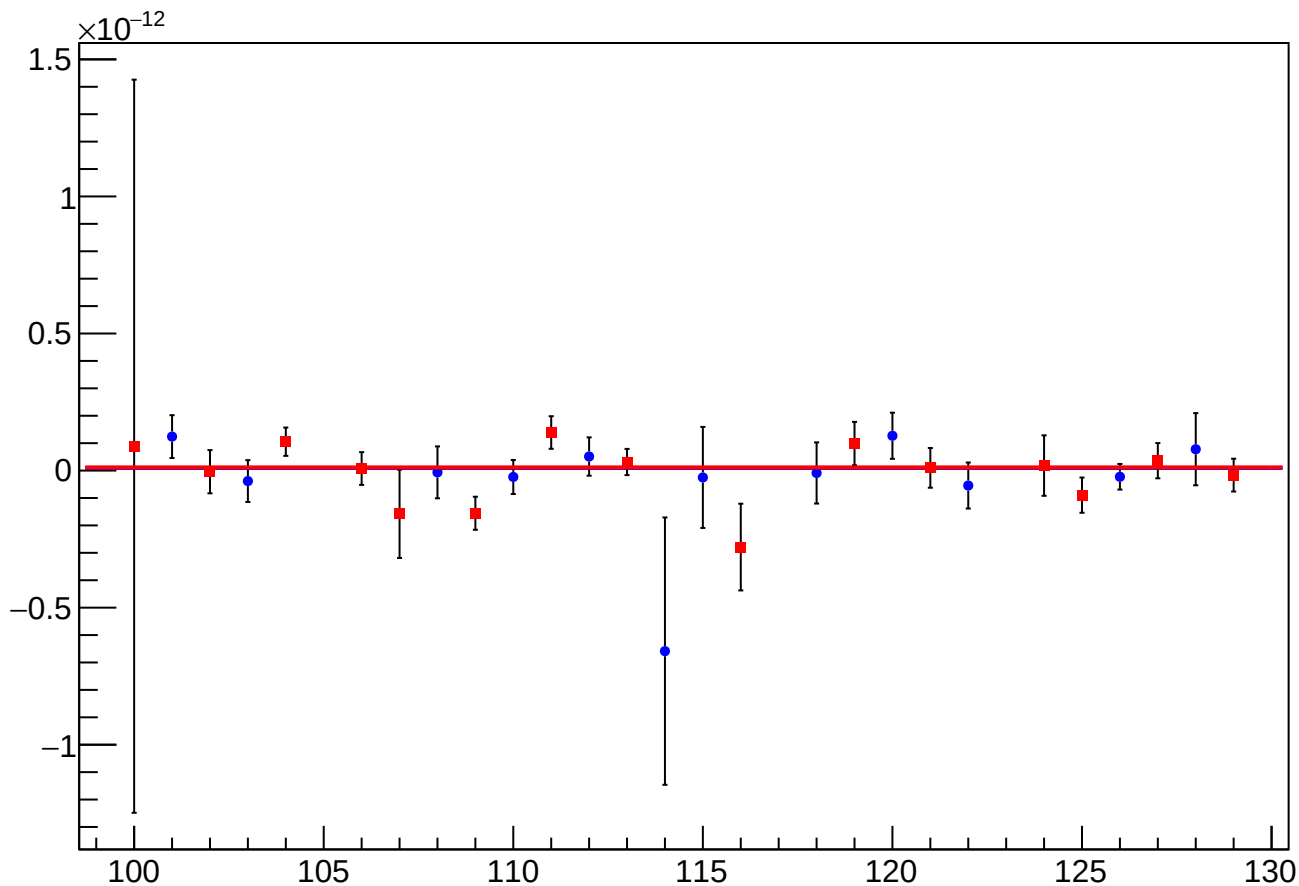
Right: 2879.151+/-0.636 χ^2/NDF : 931153.5/26

In: 2895.920+/-0.951 χ^2/NDF : 740354.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2879.151+/-0.636 χ^2/NDF : 931153.5/26

asym_atr1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.4/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 24.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

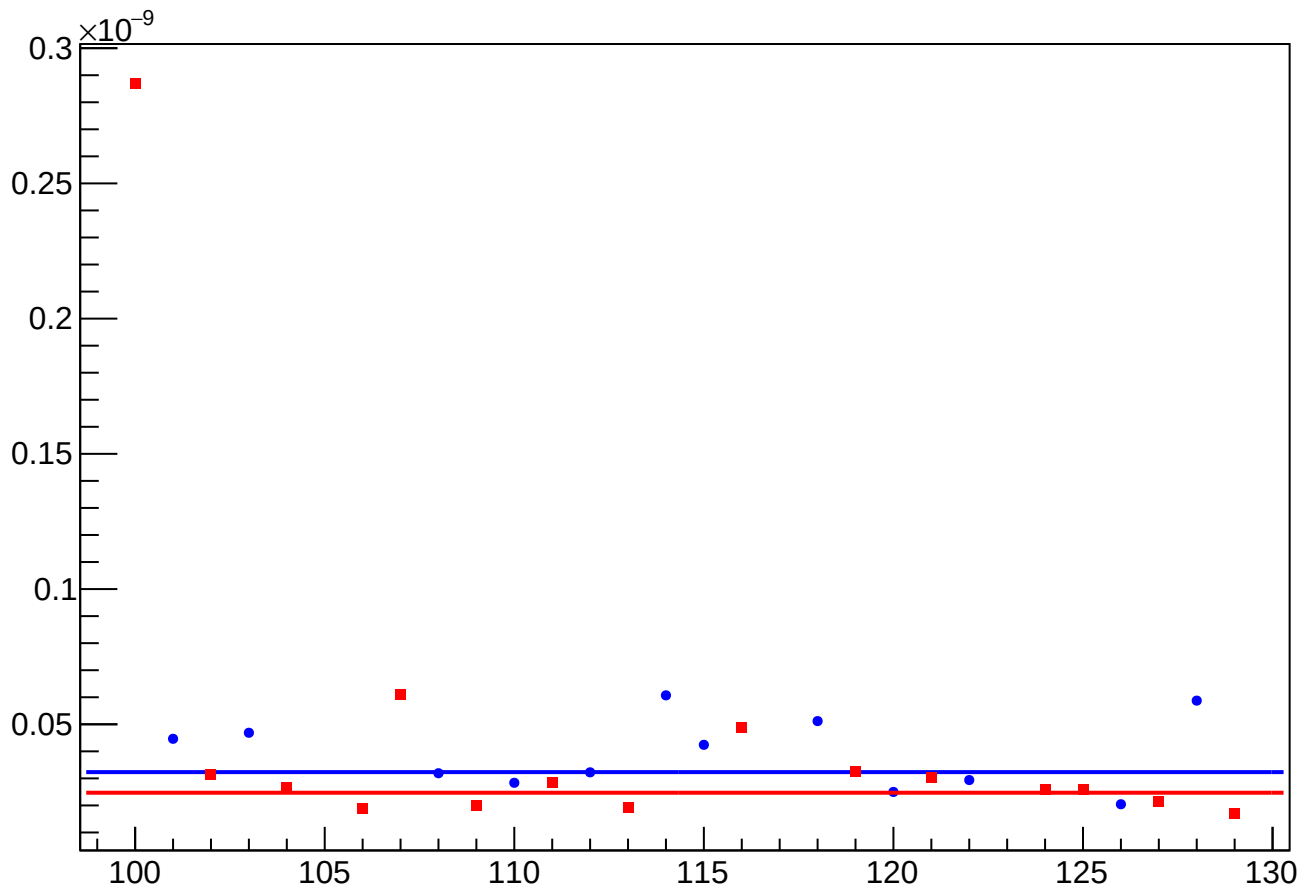
Right: 0.000+/-0.000 χ^2/NDF : 32.7/26

In: 0.000+/-0.000 χ^2/NDF : 8.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 32.7/26

asym_atr1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 427714.1/11

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

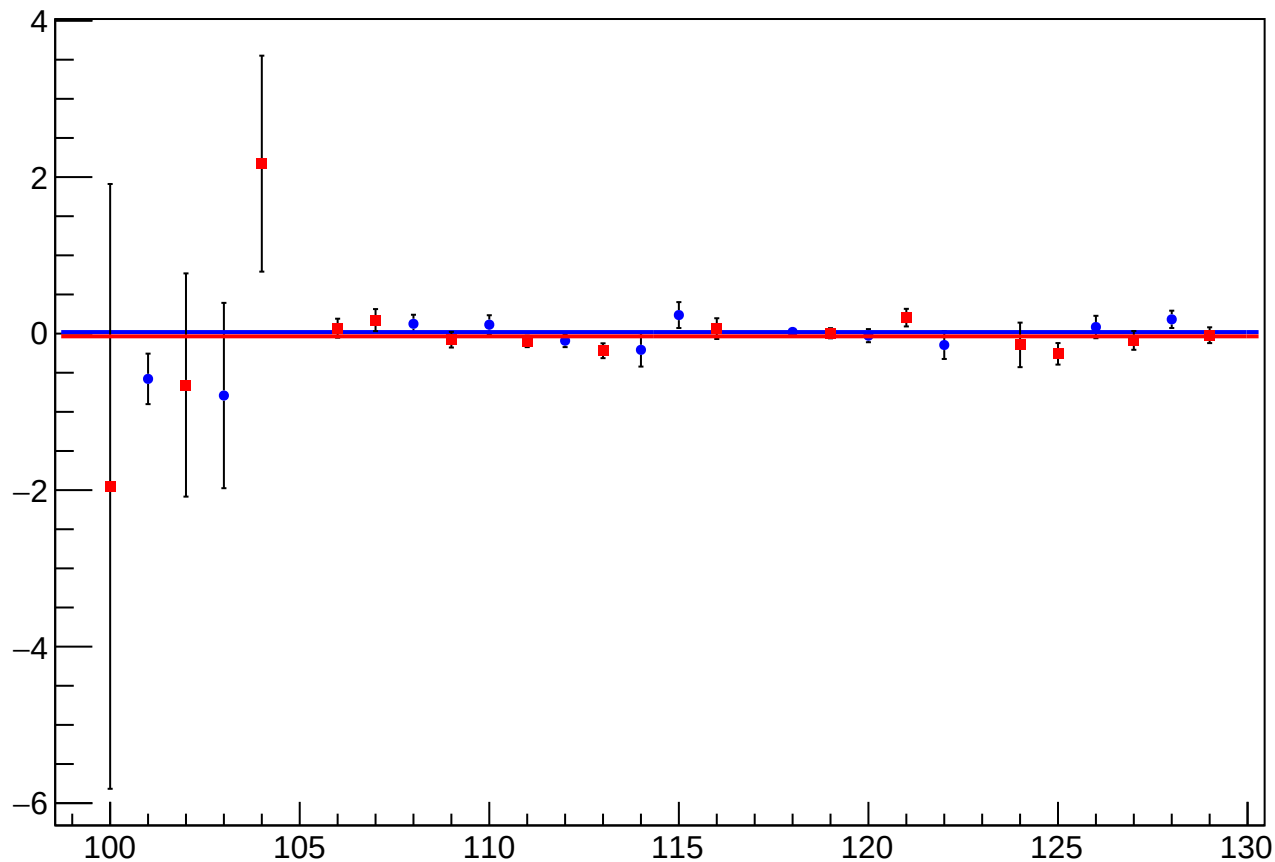
Right: 0.000+/-0.000 χ^2/NDF : 941055.4/26

In: 0.000+/-0.000 χ^2/NDF : 427714.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 941055.4/26

asym_atr1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.031 χ^2/NDF : 13.5/11

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

Right Out: -0.035+/-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

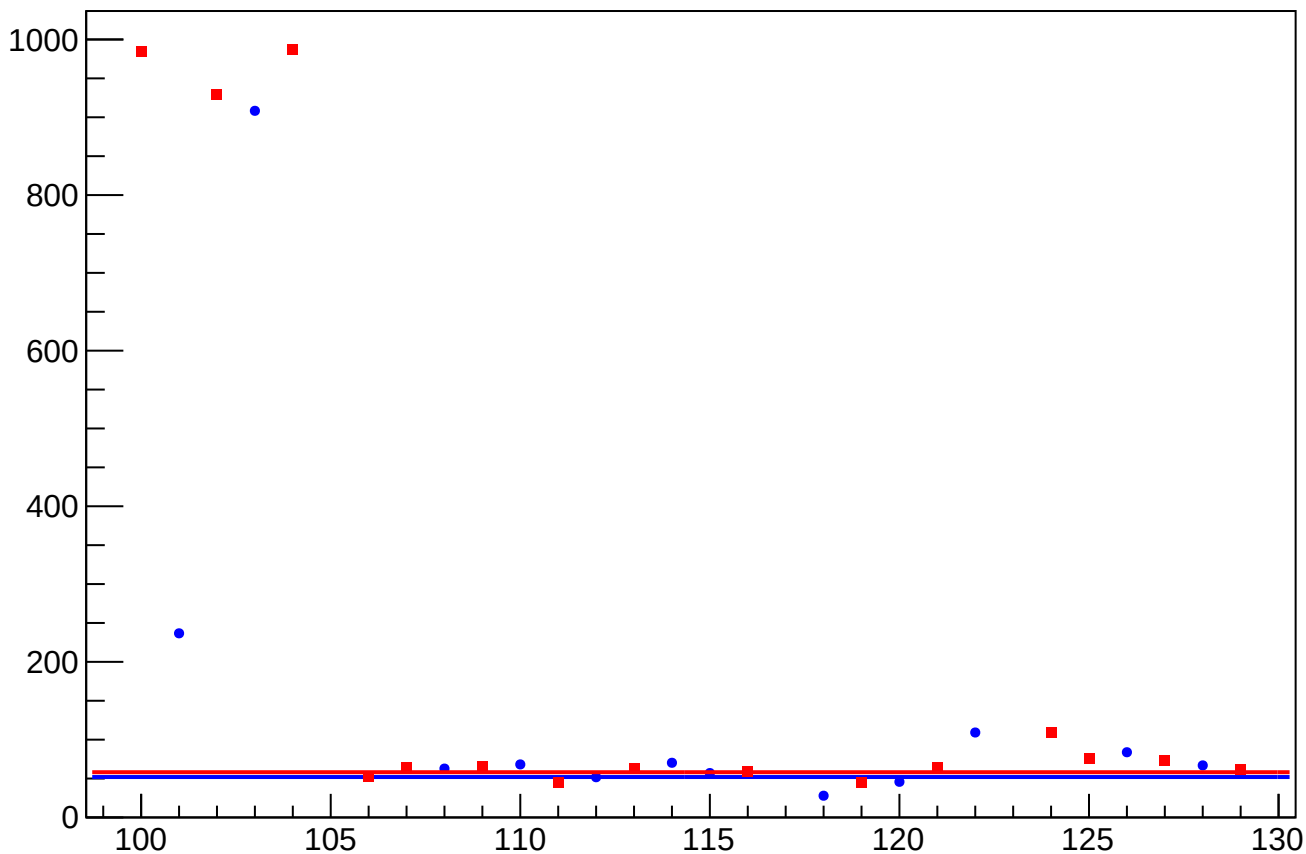
Right: -0.009+/-0.022 χ^2/NDF : 34.2/26

In: 0.020+/-0.031 χ^2/NDF : 13.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.022 χ^2/NDF : 34.2/26

asym_atr1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 51.959+/-0.022 χ^2/NDF : 2536264.9/11

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

Right Out: 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

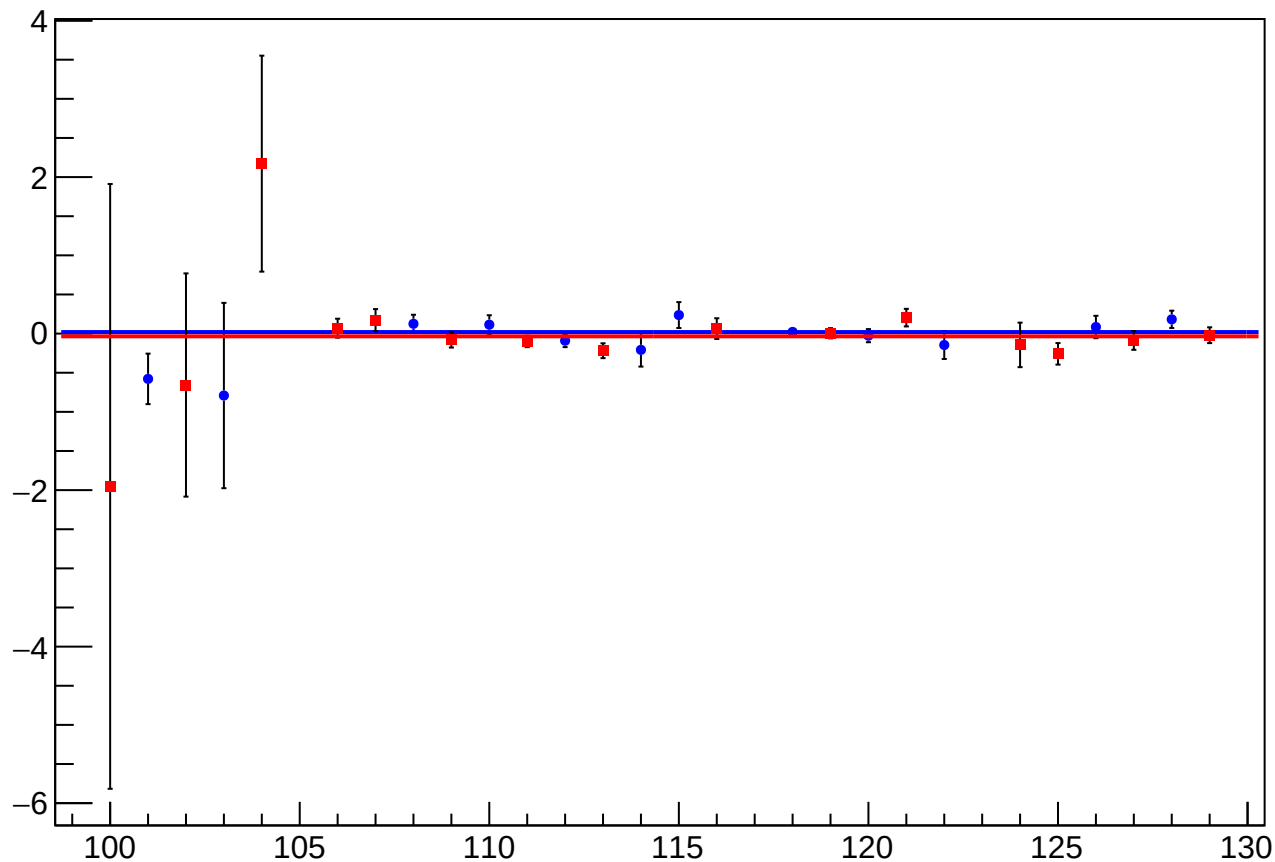
Right: 55.201+/-0.015 χ^2/NDF : 4665210.6/26

In: 51.959+/-0.022 χ^2/NDF :2536264.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 55.201+/-0.015 χ^2/NDF : 4665210.6/26

asym_atr1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.031 χ^2/NDF : 13.5/11

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

Right Out: -0.035+/-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

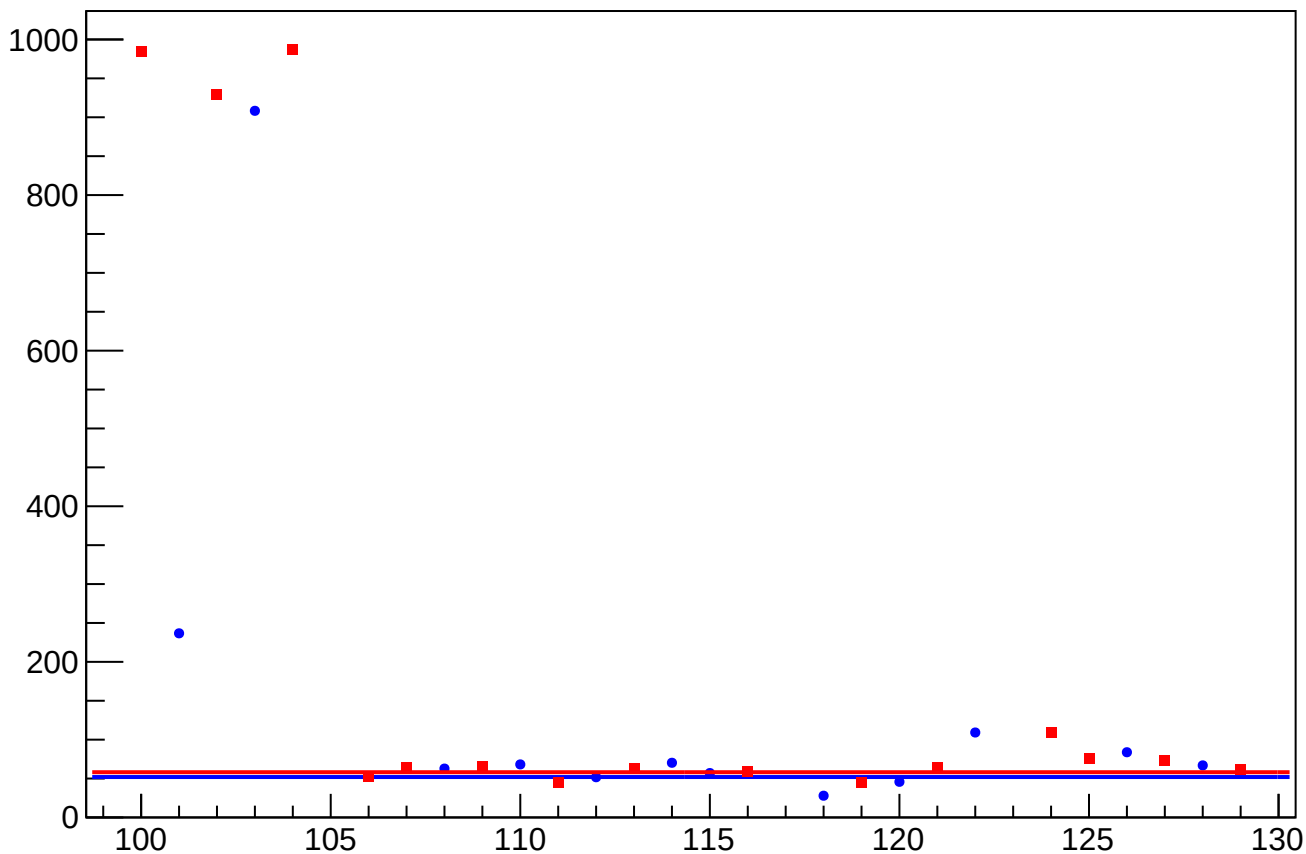
Right: -0.009+/-0.022 χ^2/NDF : 34.2/26

In: 0.020+/-0.031 χ^2/NDF : 13.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.022 χ^2/NDF : 34.2/26

asym_atr1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 51.959+/-0.022 χ^2/NDF : 2536264.9/11

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

Right Out: 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

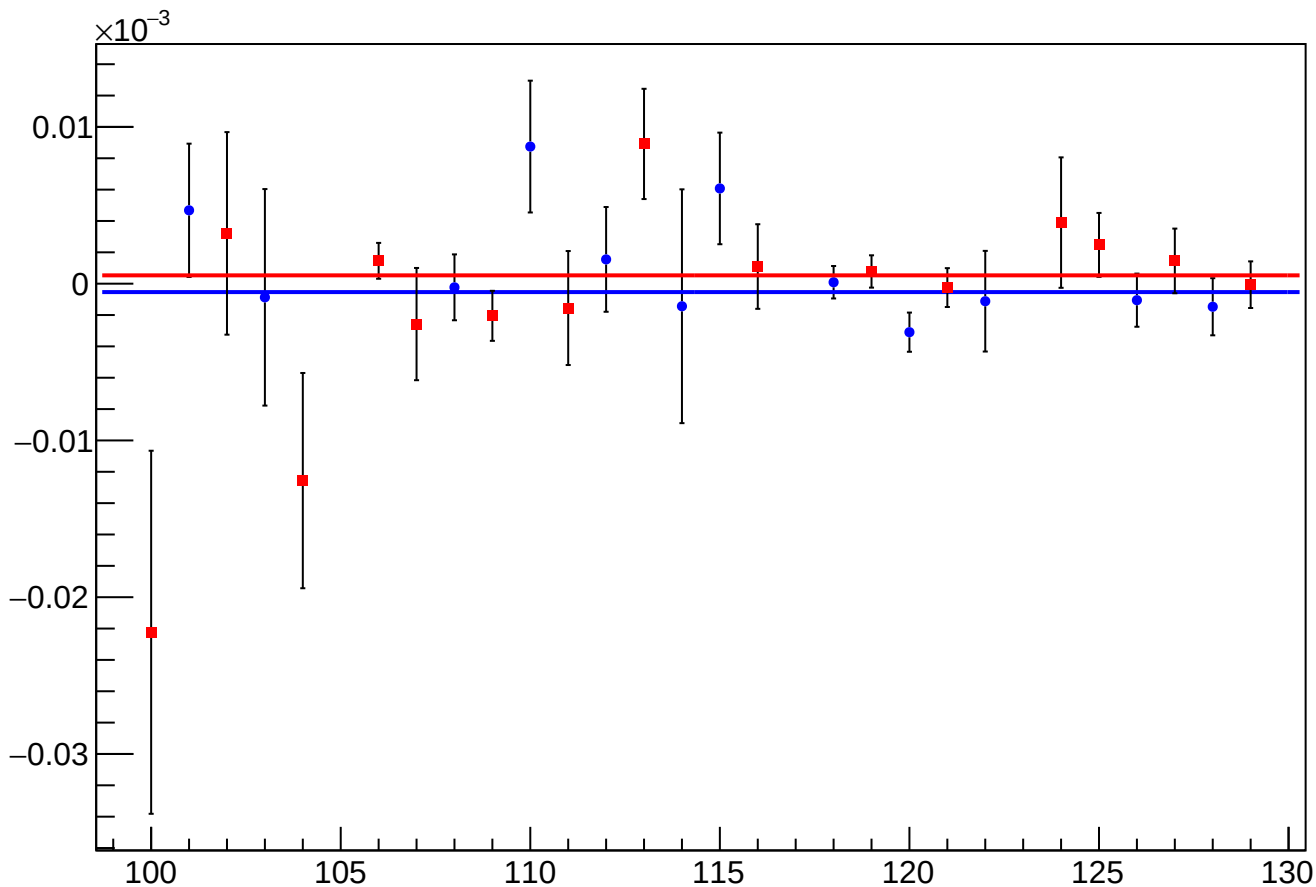
Right: 55.201+/-0.015 χ^2/NDF : 4665210.6/26

In: 51.959+/-0.022 χ^2/NDF : 2536264.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.201+/-0.015 χ^2/NDF : 4665210.6/26

asym_atr1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.2/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 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

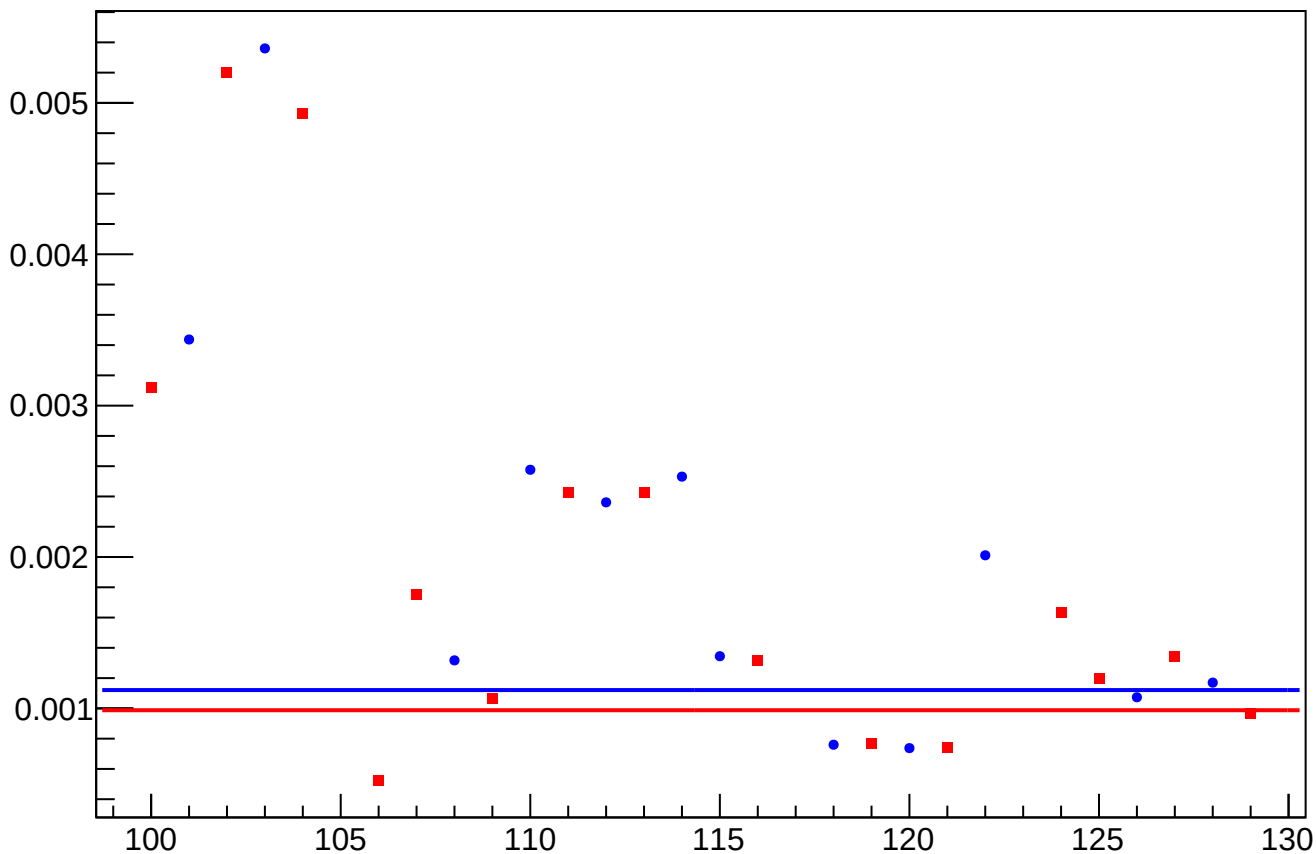
Right: 0.000+/-0.000 χ^2/NDF : 37.3/26

In: -0.000+/-0.000 χ^2/NDF : 15.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 37.3/26

asym_atr1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2547451.3/11

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

Right Out: 0.001+/-0.000 χ^2/NDF : 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

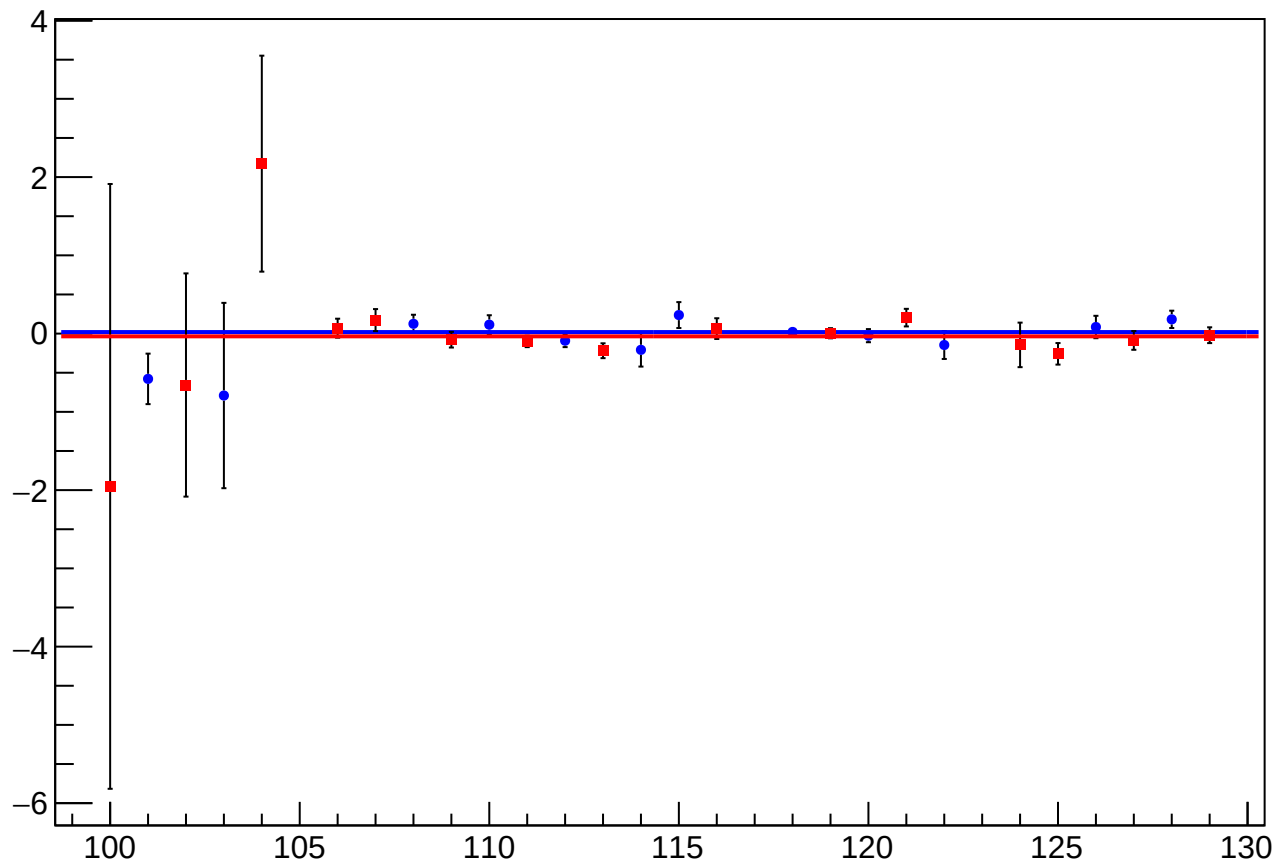
Right: 0.001+/-0.000 χ^2/NDF : 5587463.3/26

In: 0.001+/-0.000 χ^2/NDF : 2547451.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5587463.3/26

asym_atr1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.031 χ^2/NDF : 13.5/11

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

Right Out: -0.035+/-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

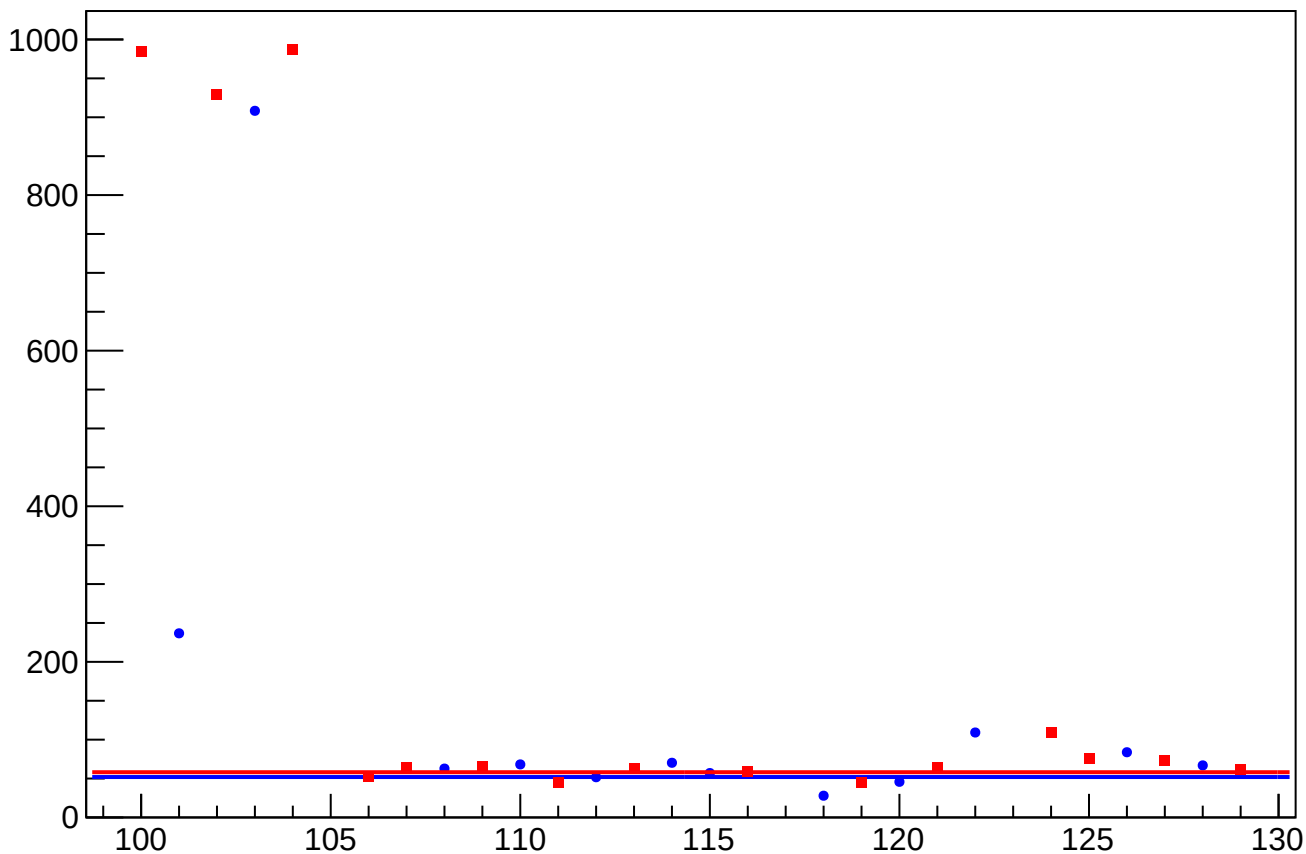
Right: -0.009+/-0.022 χ^2/NDF : 34.2/26

In: 0.020+/-0.031 χ^2/NDF :13.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.009+/-0.022 χ^2/NDF : 34.2/26

asym_atr1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 51.958 $\pm$ 0.022 χ^2 /NDF: 2536323.8/11

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

Right Out: 58.144 $\pm$ 0.021 χ^2 /NDF: 2087987.6/14

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

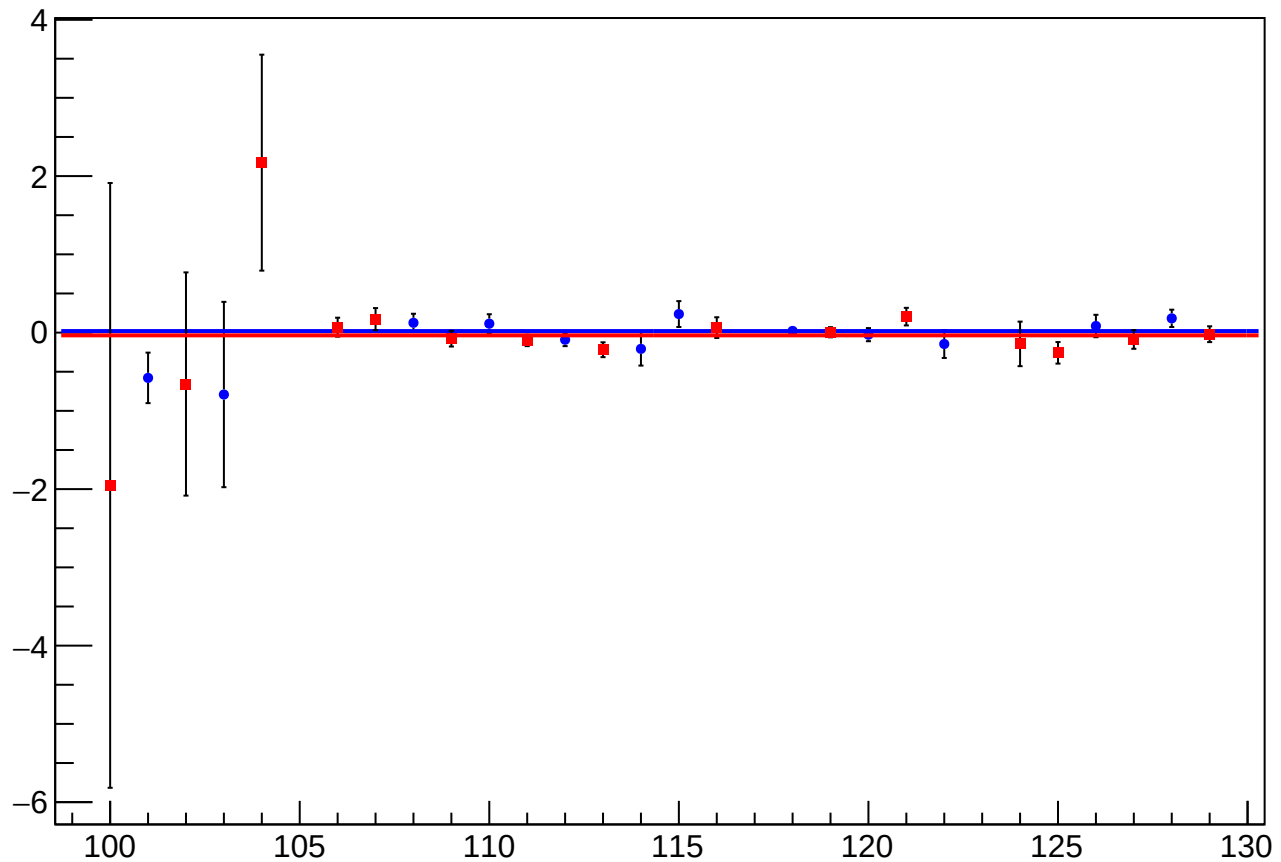
Right: 55.201 $\pm$ 0.015 χ^2 /NDF: 4665275.2/26

In: 51.958 $\pm$ 0.022 χ^2 /NDF:2536323.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 55.201 $\pm$ 0.015 χ^2 /NDF: 4665275.2/26

asym_atr1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.031 χ^2/NDF : 13.5/11

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

Right Out: -0.035+/-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

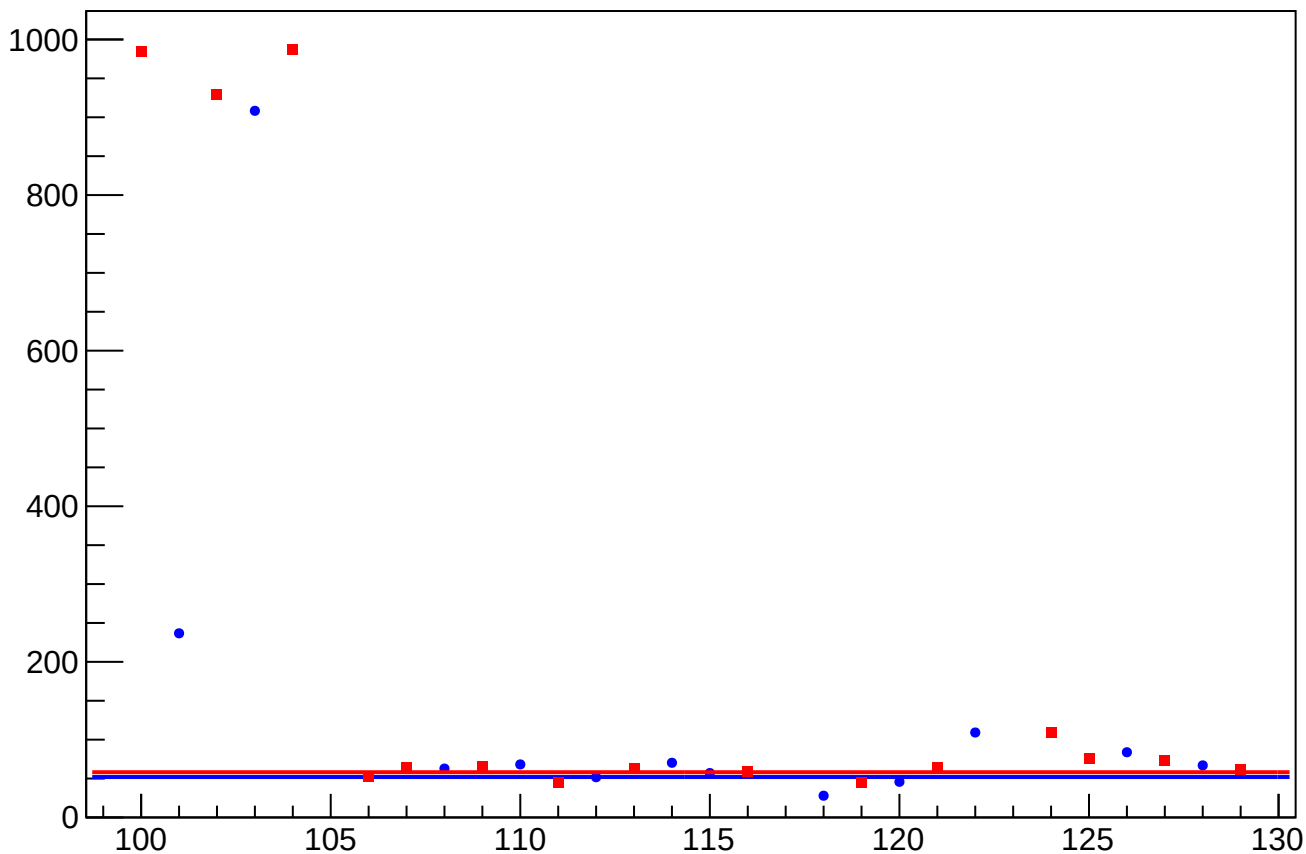
Right: -0.009+/-0.022 χ^2/NDF : 34.2/26

In: 0.020+/-0.031 χ^2/NDF : 13.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.022 χ^2/NDF : 34.2/26

asym_atr1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 51.958+/-0.022 χ^2/NDF : 2536323.8/11

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

Right Out: 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

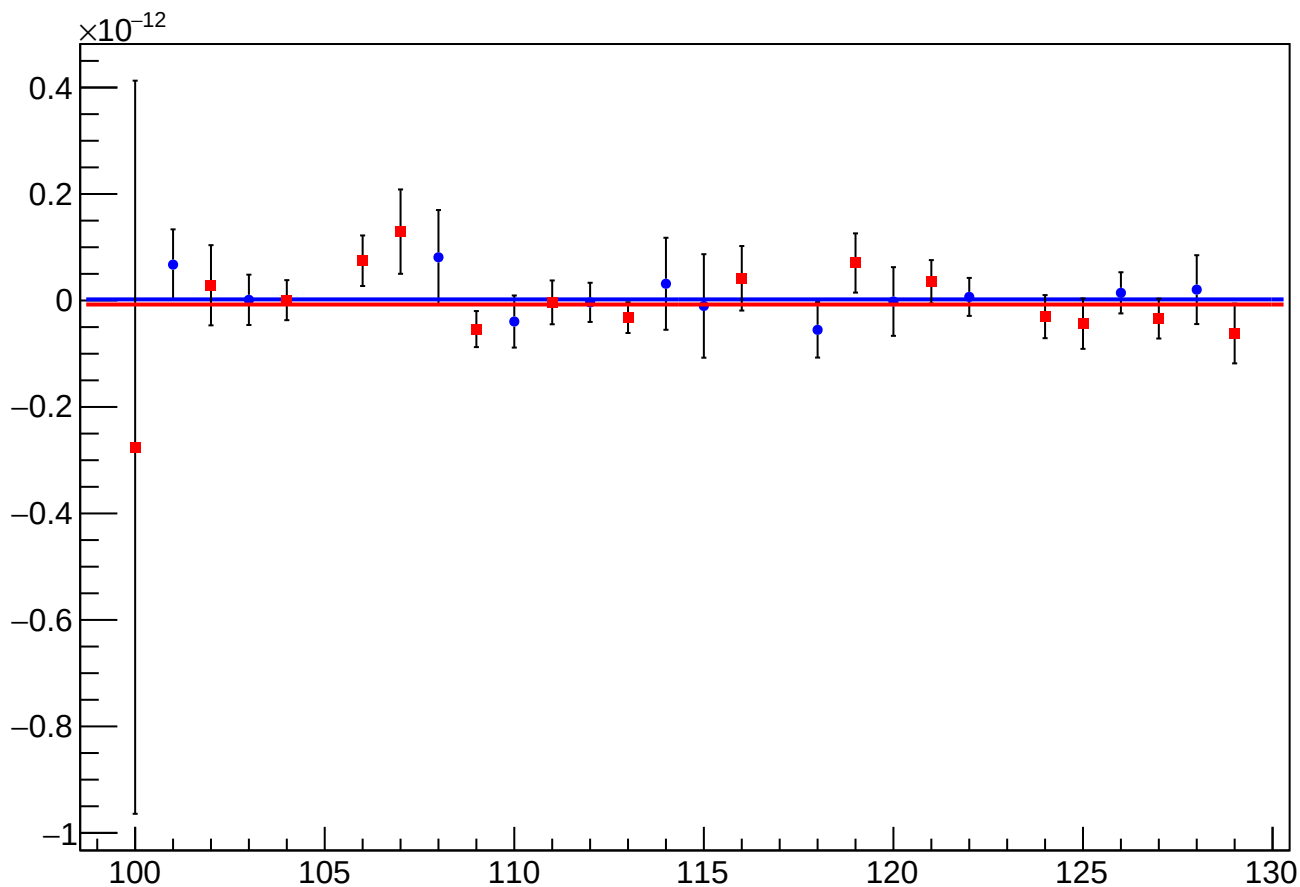
Right: 55.201+/-0.015 χ^2/NDF : 4665275.2/26

In: 51.958+/-0.022 χ^2/NDF : 2536323.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.201+/-0.015 χ^2/NDF : 4665275.2/26

asym_atr1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.0/11

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

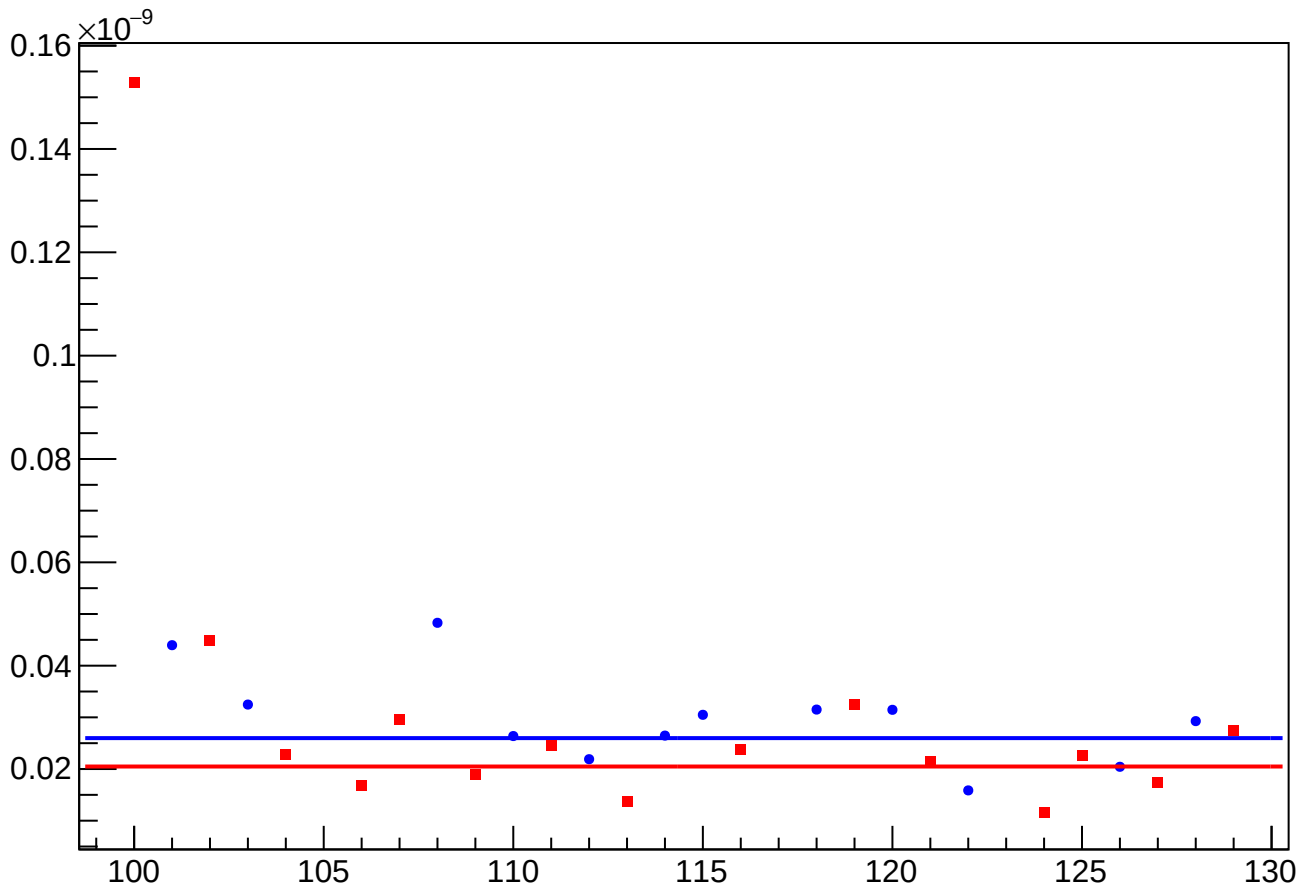
Right: -0.000+/-0.000 χ^2/NDF : 19.4/26

In: 0.000+/-0.000 χ^2/NDF : 4.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.4/26

asym_atr1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 585083.2/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 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

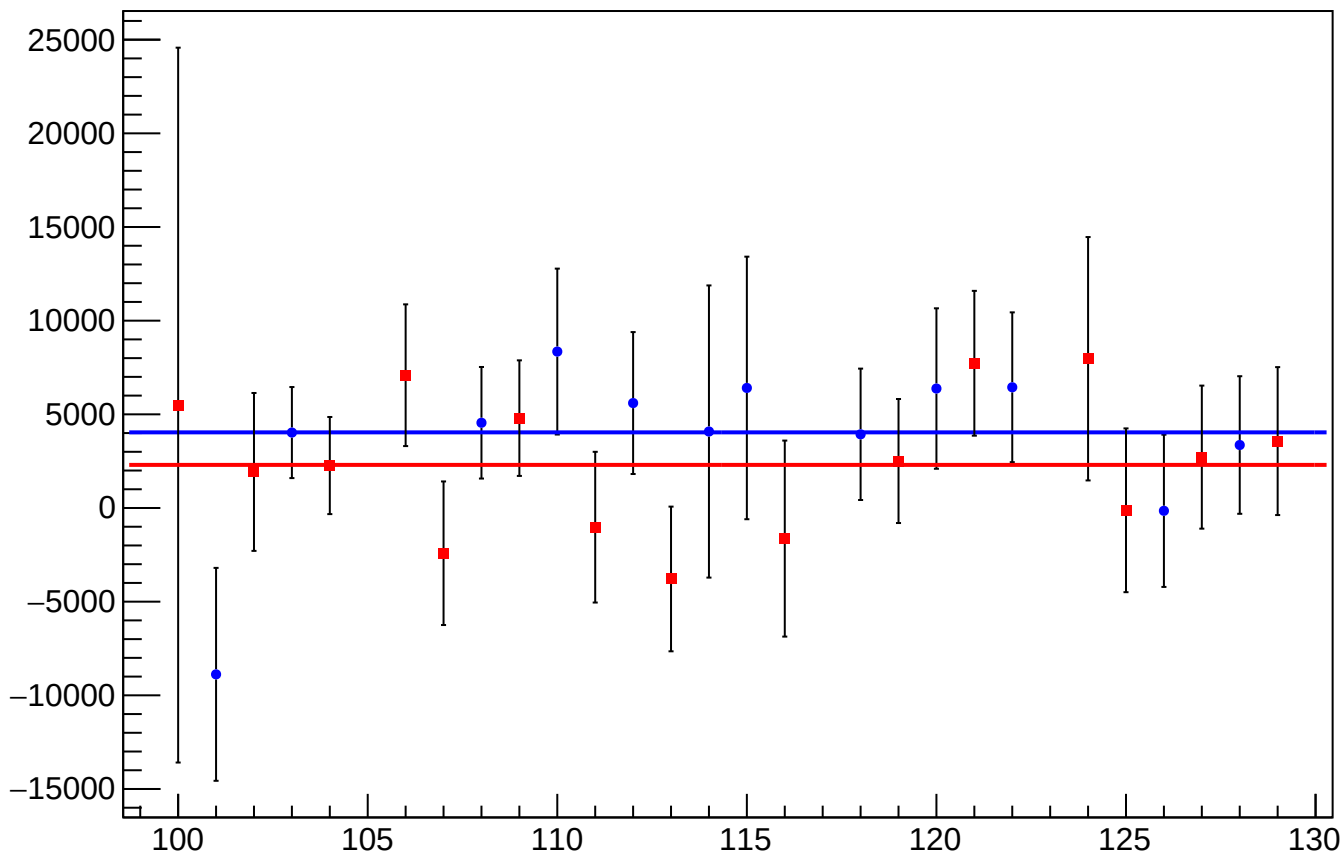
Right: 0.000+/-0.000 χ^2/NDF : 1462060.4/26

In: 0.000+/-0.000 χ^2/NDF : 585083.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1462060.4/26

reg_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4037.542+/-1115.507 χ^2/NDF : 8.2/11

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

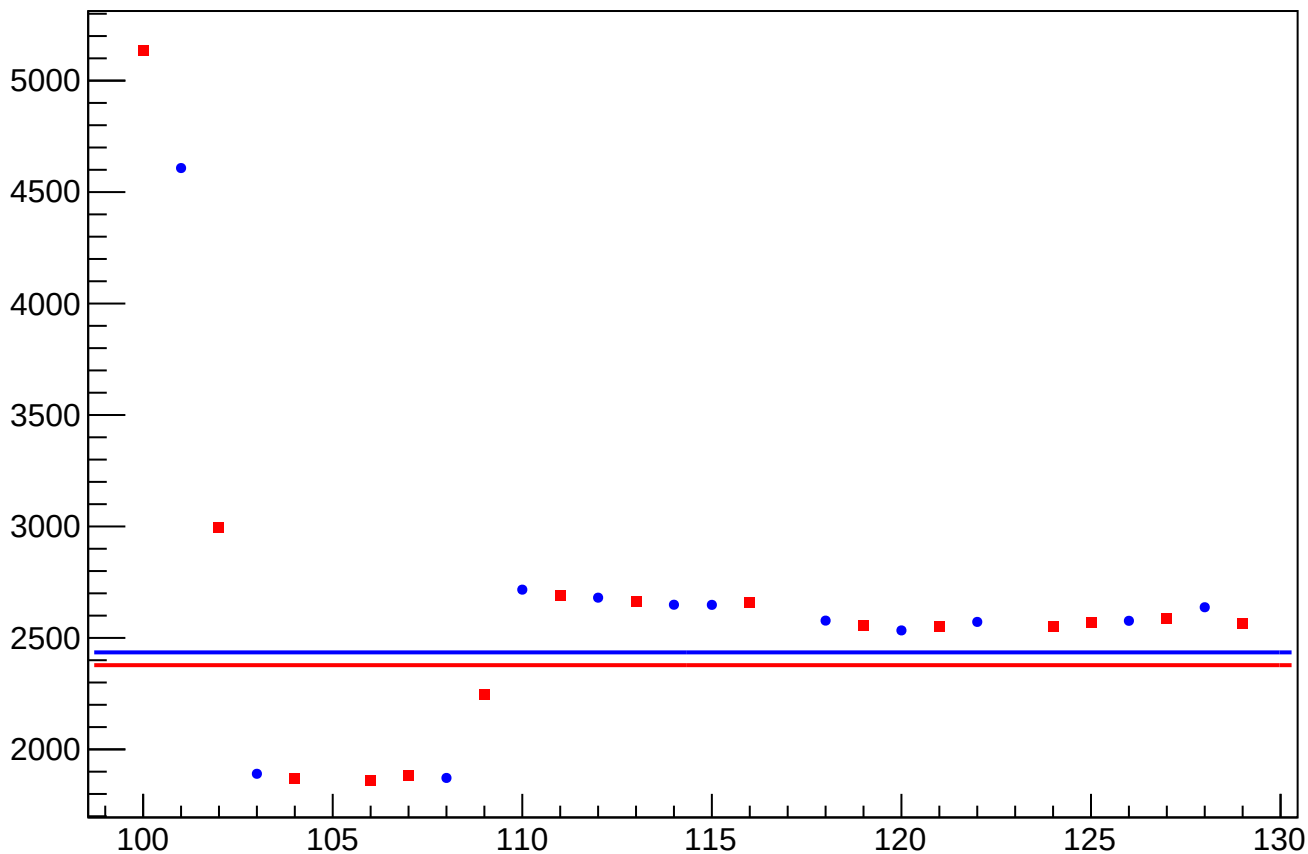
Right: 3082.040+/-748.090 χ^2/NDF : 20.2/26

In: 4037.542+/-1115.507 χ^2/NDF : 8.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3082.040+/-748.090 χ^2/NDF : 20.2/26

reg_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2435.120+/-0.789 χ^2/NDF : 499373.6/11

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

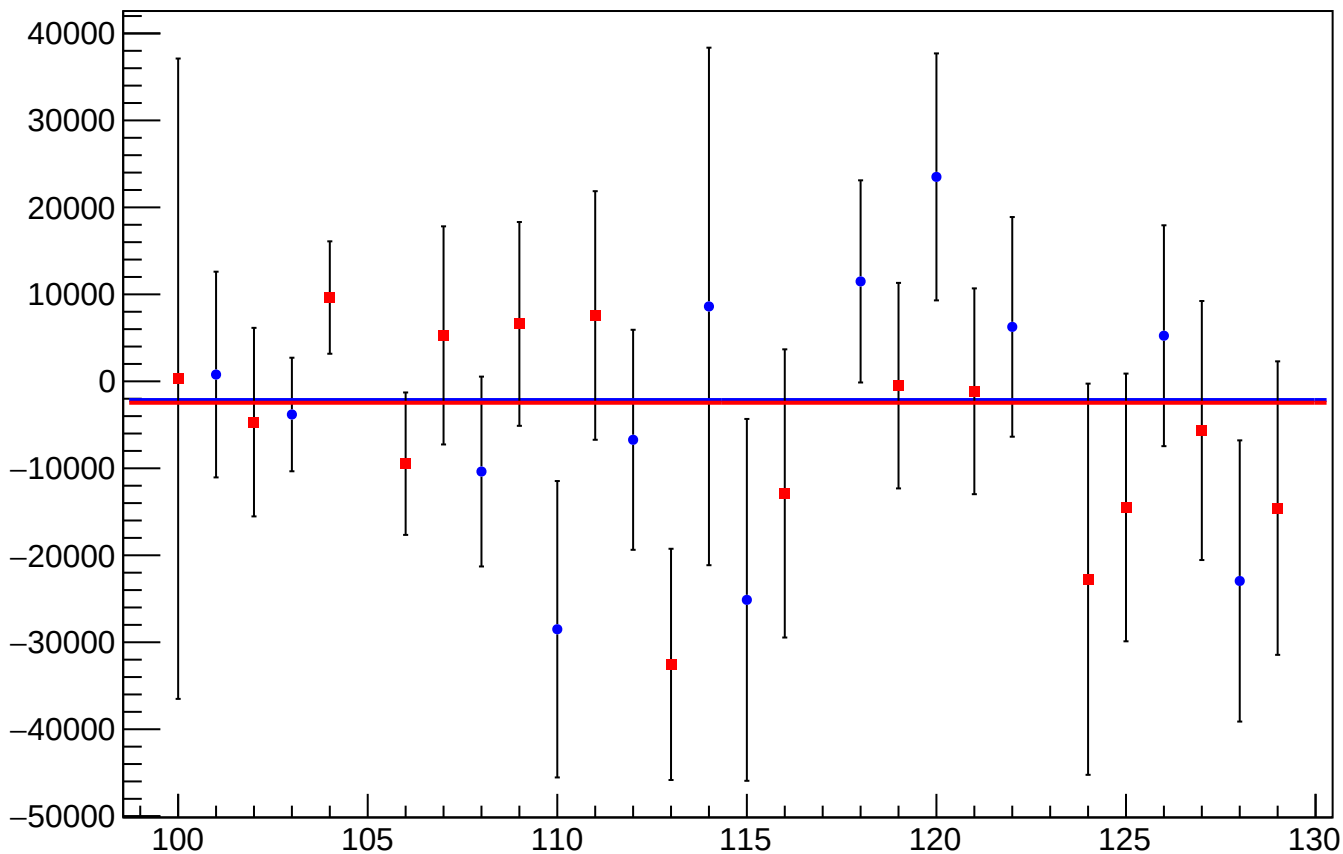
Right: 2403.565+/-0.529 χ^2/NDF : 793628.4/26

In: 2435.120+/-0.789 χ^2/NDF : 499373.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2403.565+/-0.529 χ^2/NDF : 793628.4/26

asym_atr2_reg_correction_mean vs Slug, Sign Corrected



Right In: -2151.427+/-3517.668 χ^2/NDF : 11.6/11

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

Right Out: -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

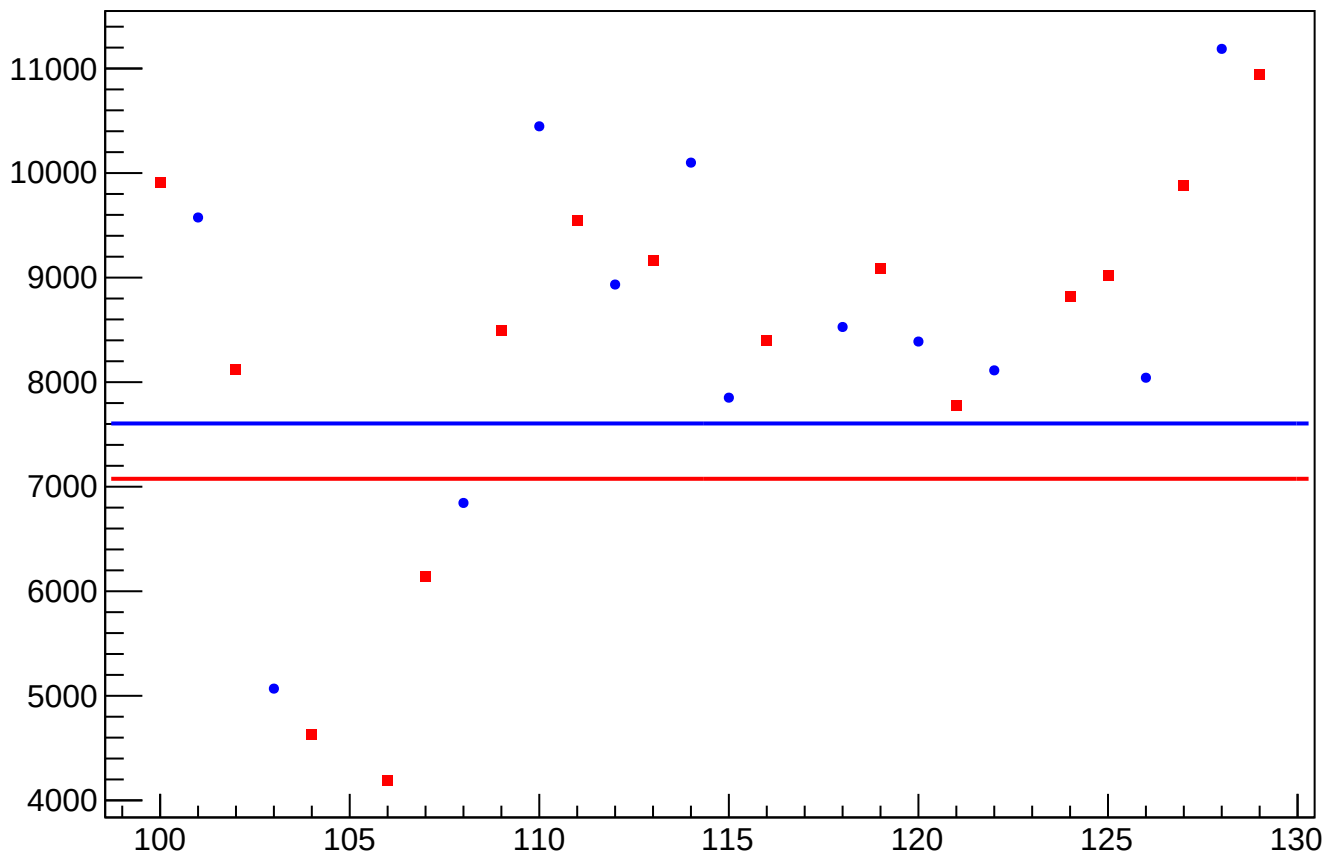
Right: -2326.681+/-2323.084 χ^2/NDF : 25.0/26

In: -2151.427+/-3517.668 χ^2/NDF : 11.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2326.681+/-2323.084 χ^2/NDF : 25.0/26

asym_atr2_reg_correction_rms vs Slug, Sign Corrected



Right In: 7604.886+/-2.487 χ^2/NDF : 581733.9/11

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

Right Out: 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

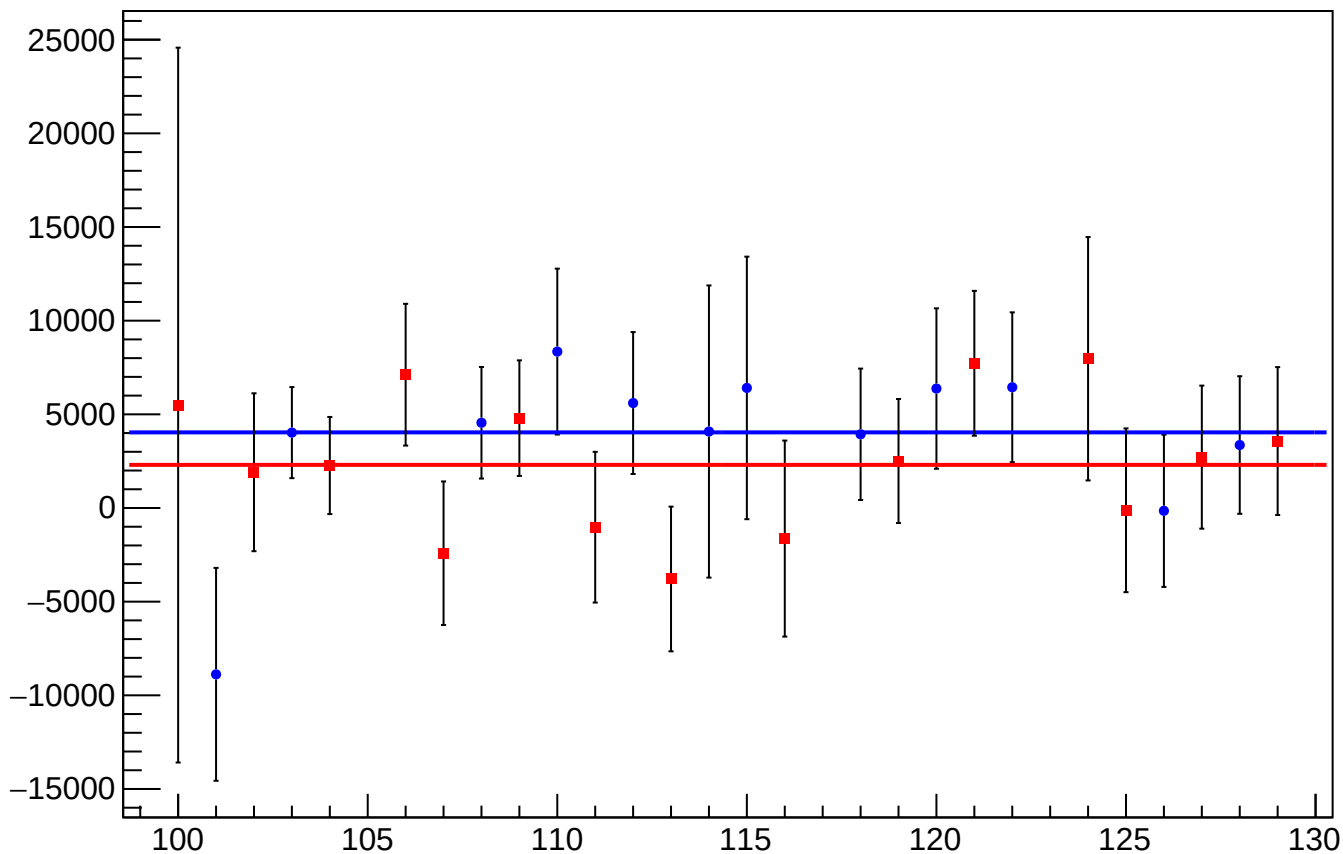
Right: 7306.460+/-1.643 χ^2/NDF : 1618754.9/26

In: 7604.886+/-2.487 χ^2/NDF : 581733.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7306.460+/-1.643 χ^2/NDF : 1618754.9/26

cor_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4036.886 $\pm$ 1115.507 χ^2 /NDF: 8.2/11

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

Right Out: 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

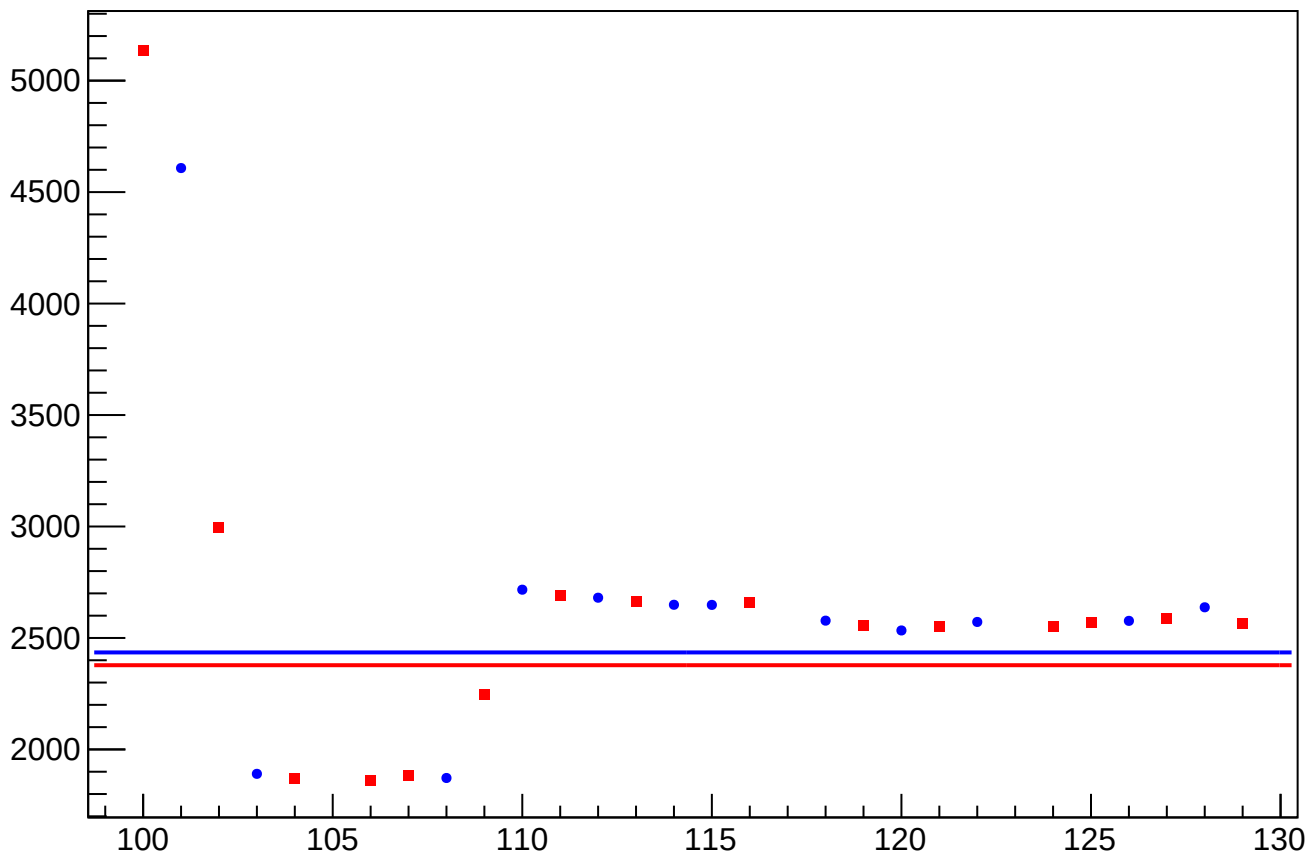
Right: 3082.247 $\pm$ 748.094 χ^2 /NDF: 20.2/26

In: 4036.886 $\pm$ 1115.507 χ^2 /NDF: 8.2/11

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

All: 3082.247 $\pm$ 748.094 χ^2 /NDF: 20.2/26

cor_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2435.122+/-0.789 χ^2/NDF : 499371.7/11

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

Right Out: 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

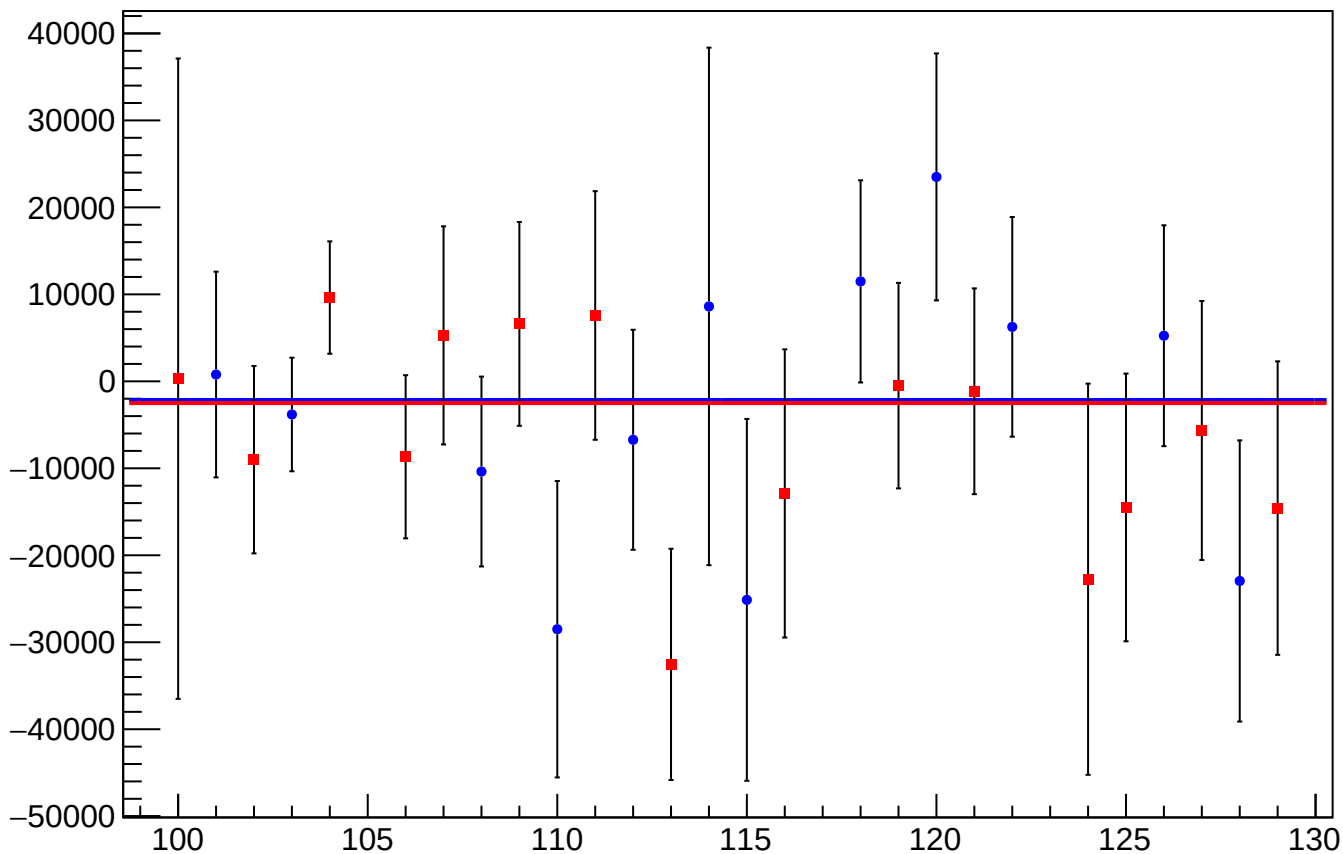
Right: 2403.582+/-0.529 χ^2/NDF : 793577.4/26

In: 2435.122+/-0.789 χ^2/NDF : 499371.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2403.582+/-0.529 χ^2/NDF : 793577.4/26

asym_atr2_cor_correction_mean vs Slug, Sign Corrected



Right In: -2151.070+/-3517.801 χ^2/NDF : 11.6/11

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

Right Out: -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

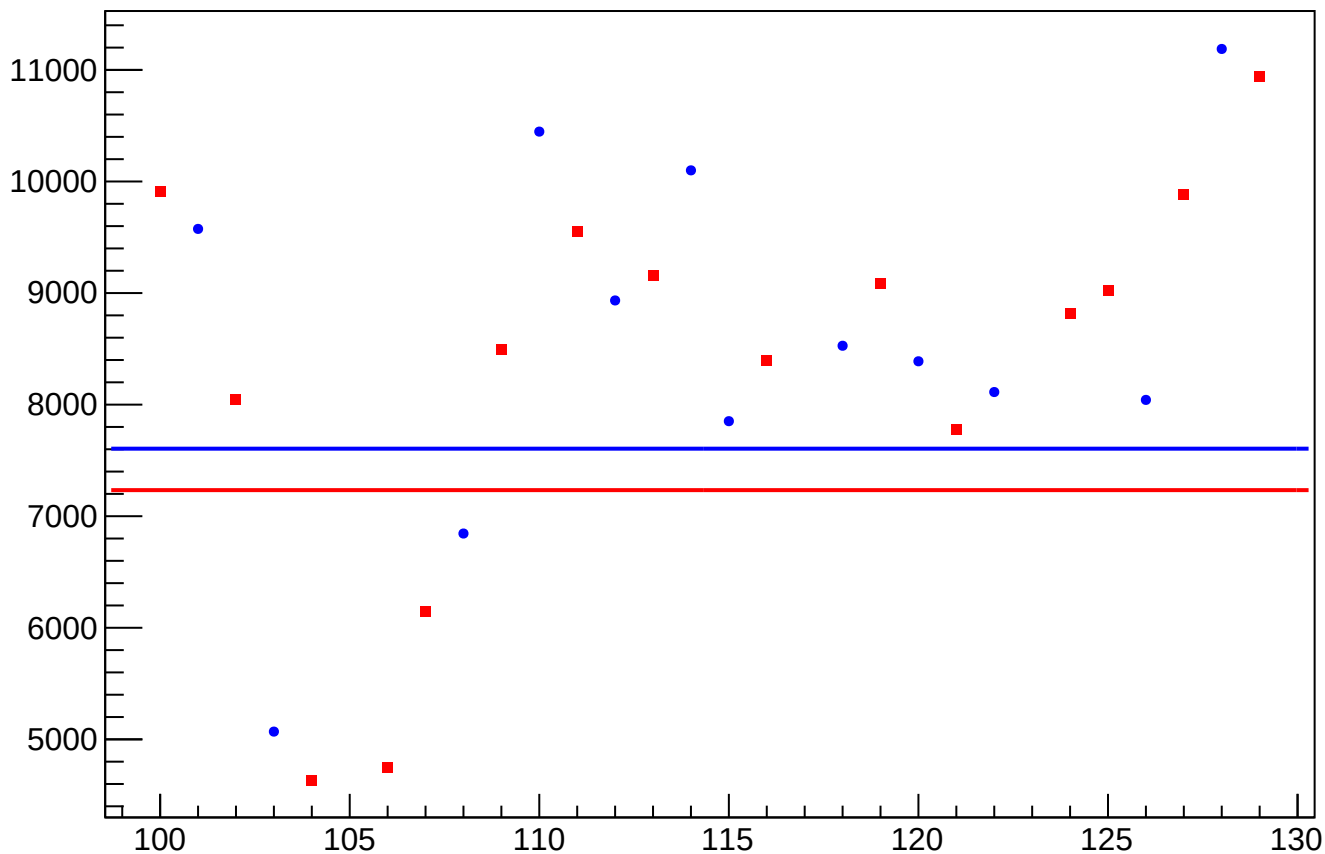
Right: -2343.936+/-2344.957 χ^2/NDF : 25.0/26

In: -2151.070+/-3517.801 χ^2/NDF :11.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2343.936+/-2344.957 χ^2/NDF : 25.0/26

asym_atr2_cor_correction_rms vs Slug, Sign Corrected



Right In: 7605.286+/-2.487 χ^2/NDF : 581484.2/11

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

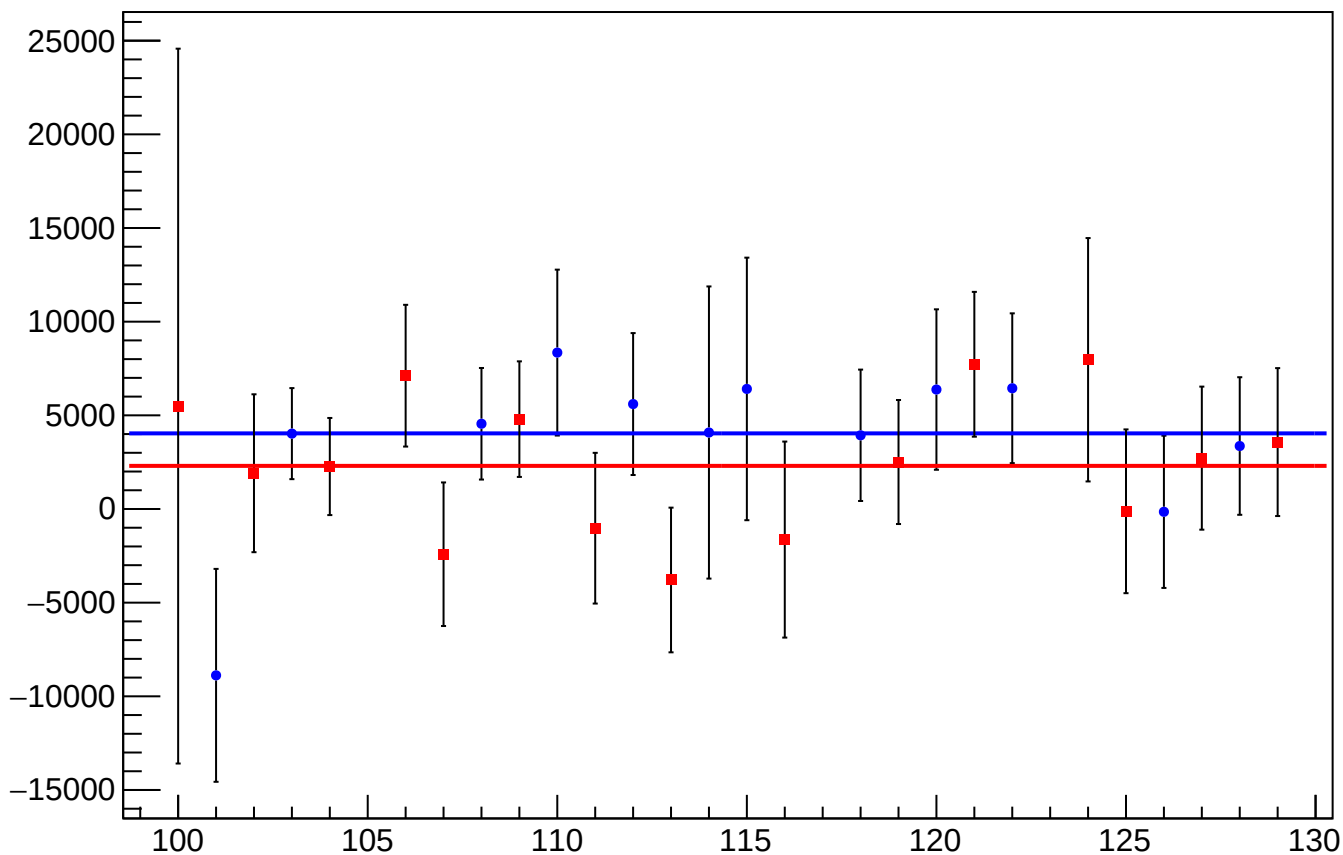
Right: 7398.831+/-1.658 χ^2/NDF : 1473429.0/26

In: 7605.286+/-2.487 χ^2/NDF : 581484.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7398.831+/-1.658 χ^2/NDF : 1473429.0/26

eigen_cor_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4036.886+/-1115.507 χ^2/NDF : 8.2/11

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

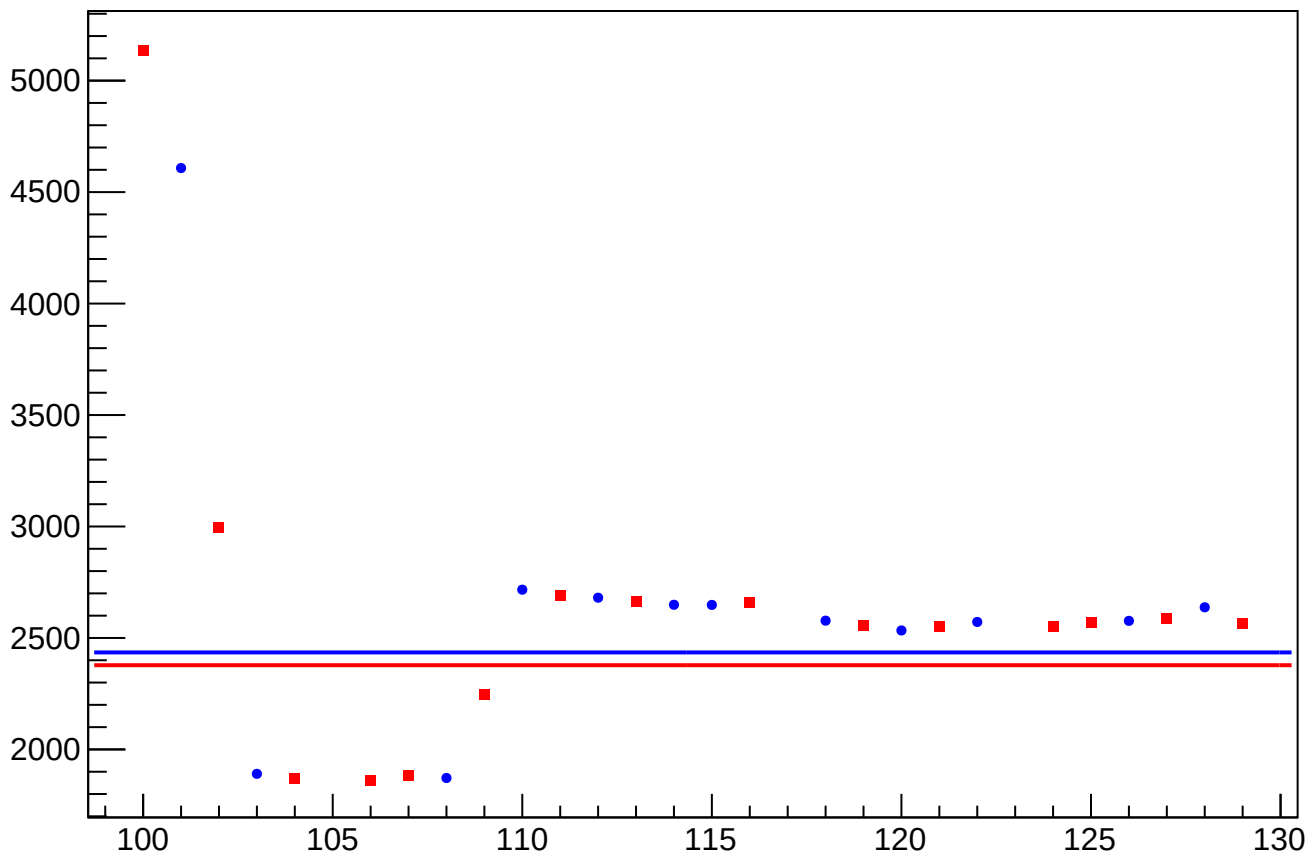
Right: 3082.247+/-748.094 χ^2/NDF : 20.2/26

In: 4036.886+/-1115.507 χ^2/NDF : 8.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3082.247+/-748.094 χ^2/NDF : 20.2/26

eigen_cor_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2435.122+/-0.789 χ^2/NDF : 499371.7/11

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

Right Out: 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

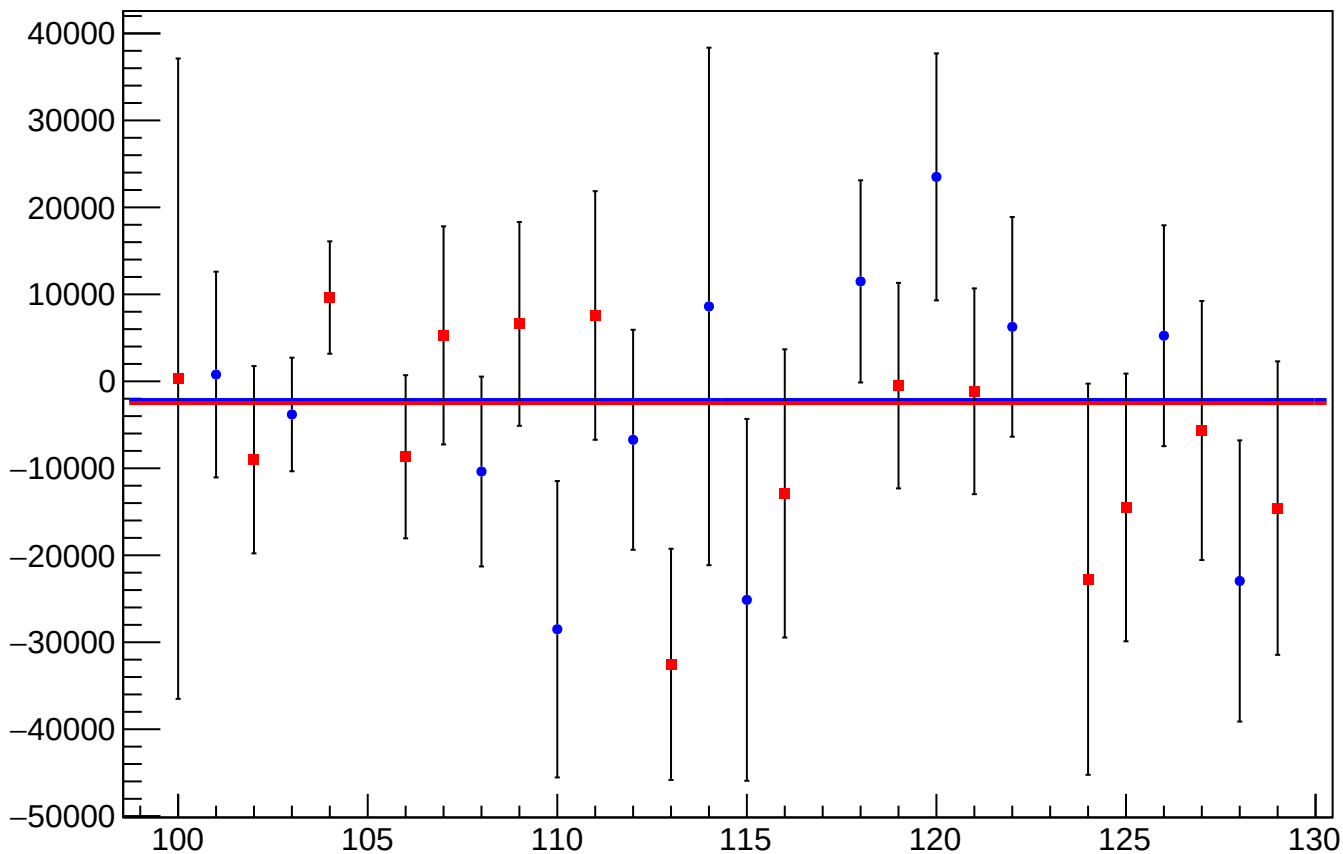
Right: 2403.582+/-0.529 χ^2/NDF : 793577.4/26

In: 2435.122+/-0.789 χ^2/NDF : 499371.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2403.582+/-0.529 χ^2/NDF : 793577.4/26

asym_atr2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -2151.070+/-3517.801 χ^2/NDF : 11.6/11

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

Right Out: -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

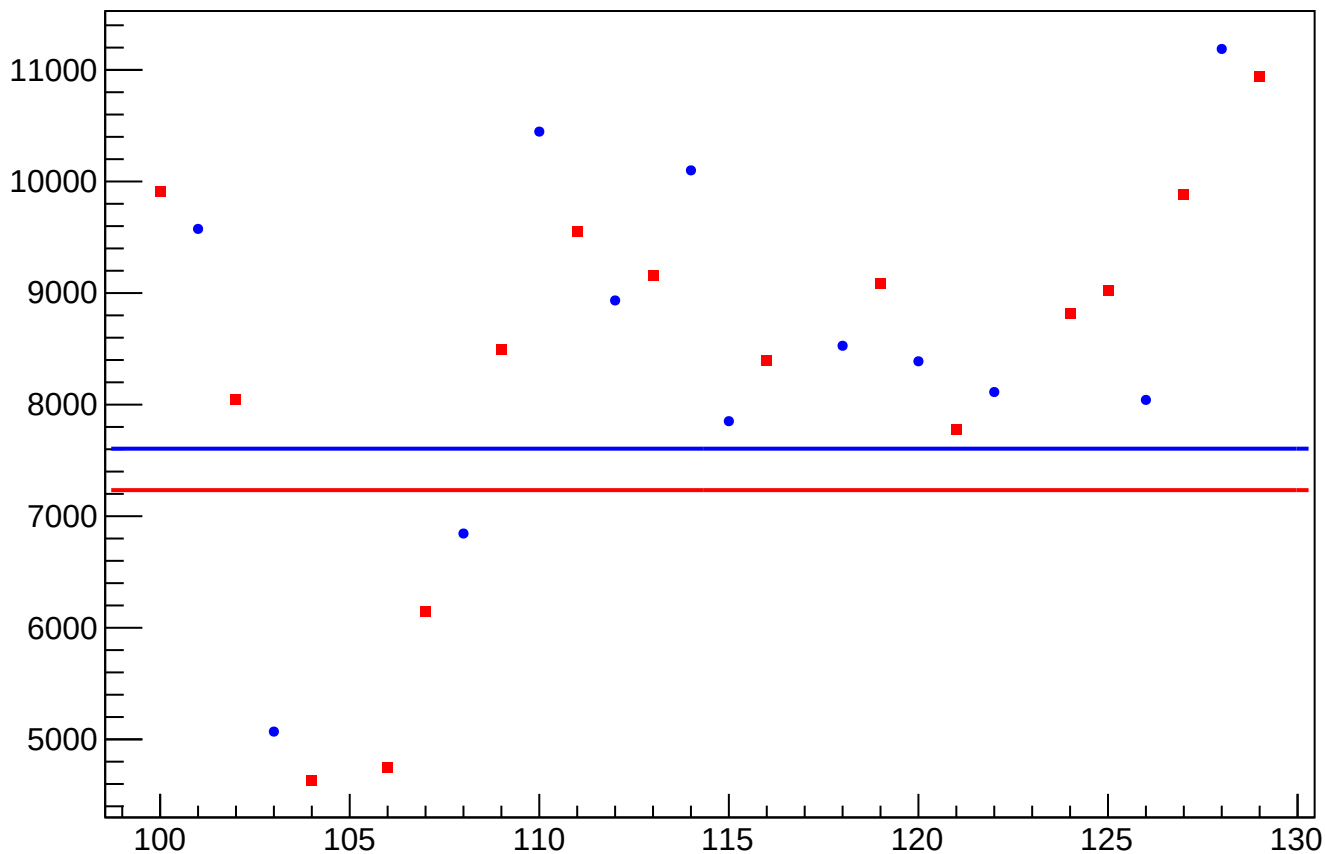
Right: -2343.936+/-2344.957 χ^2/NDF : 25.0/26

In: -2151.070+/-3517.801 χ^2/NDF : 11.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2343.936+/-2344.957 χ^2/NDF : 25.0/26

asym_atr2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 7605.286+/-2.487 χ^2/NDF : 581484.2/11

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

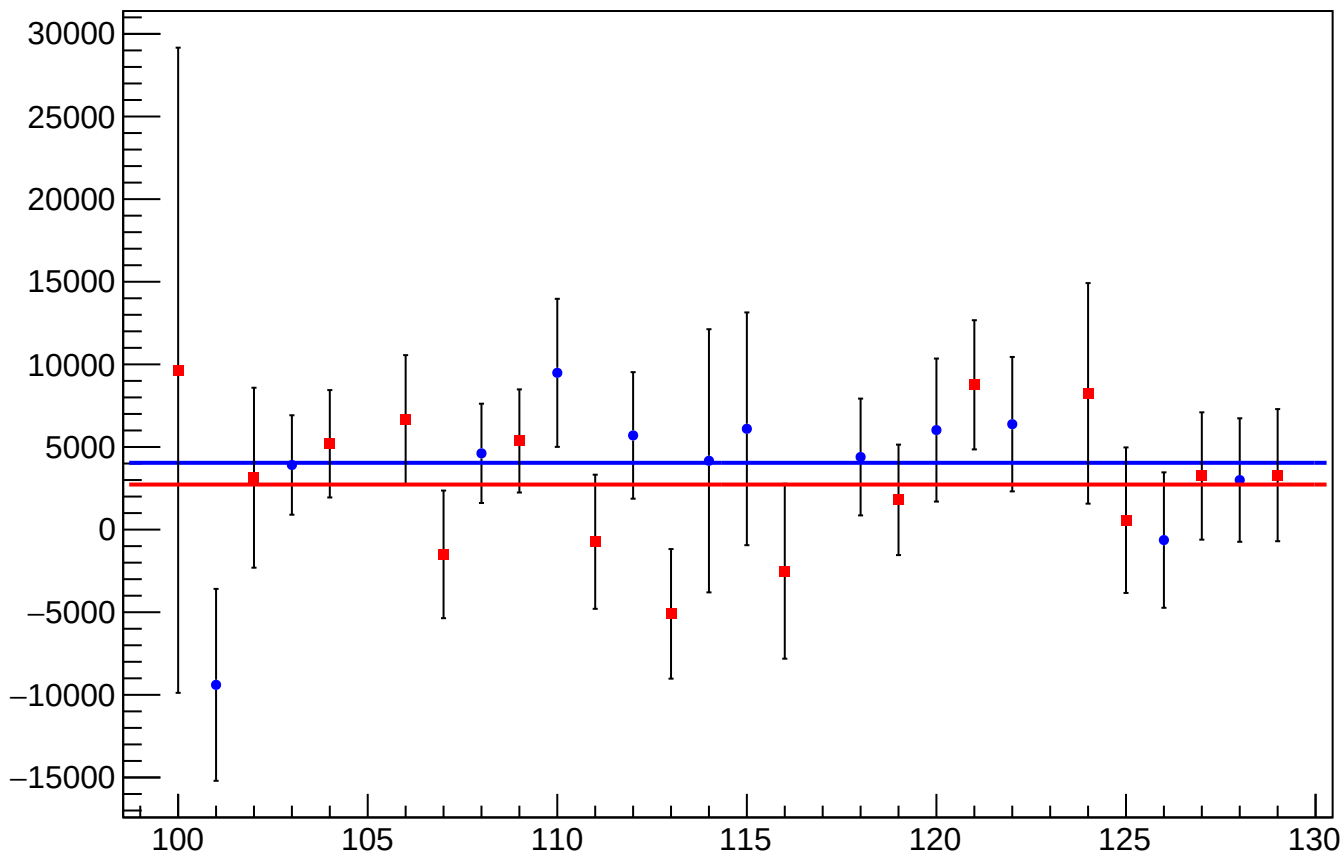
Right: 7398.831+/-1.658 χ^2/NDF : 1473429.0/26

In: 7605.286+/-2.487 χ^2/NDF : 581484.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7398.831+/-1.658 χ^2/NDF : 1473429.0/26

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4042.994+/-1170.533 χ^2/NDF : 9.1/11

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

Right Out: 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

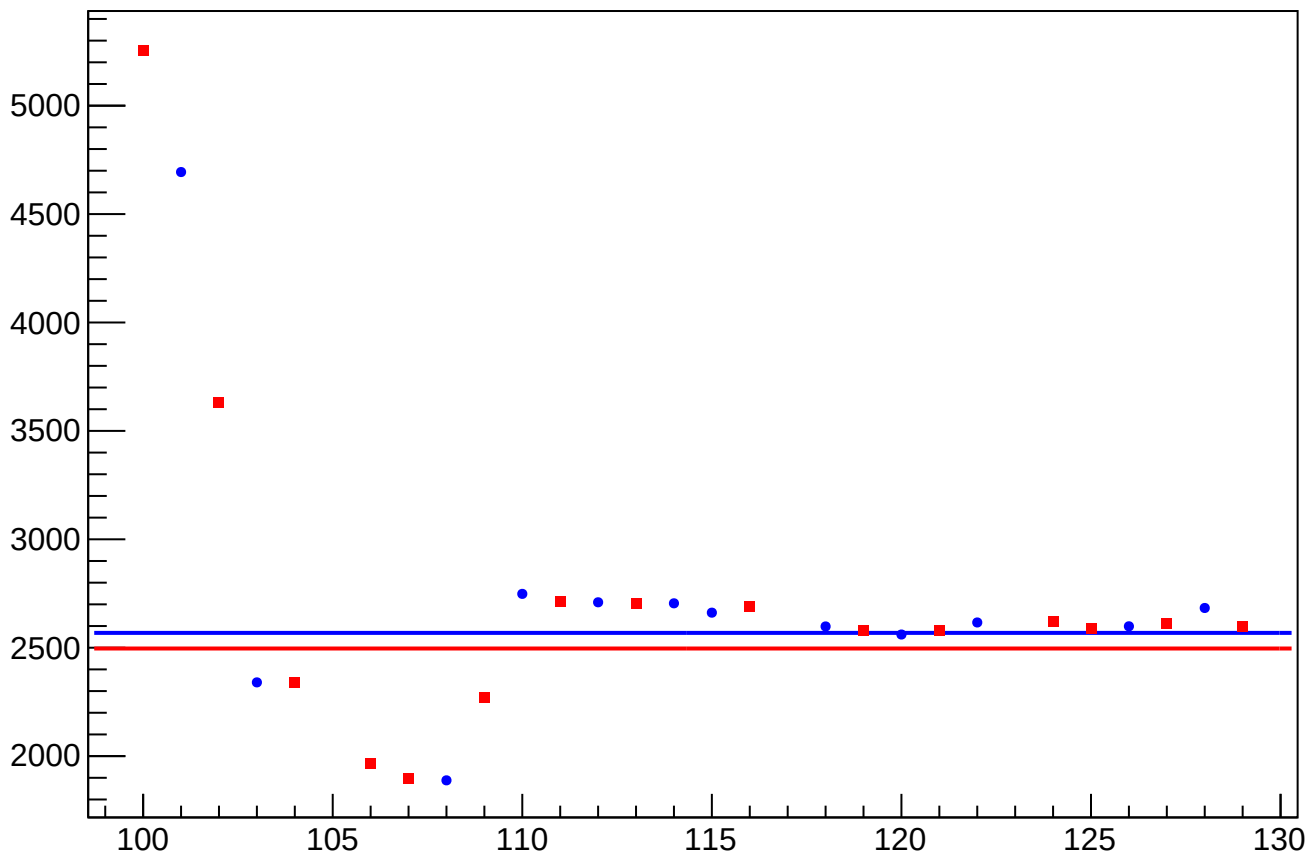
Right: 3321.457+/-786.487 χ^2/NDF : 22.5/26

In: 4042.994+/-1170.533 χ^2/NDF : 9.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3321.457+/-786.487 χ^2/NDF : 22.5/26

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2568.403+/-0.828 χ^2/NDF : 391268.9/11

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

Right Out: 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

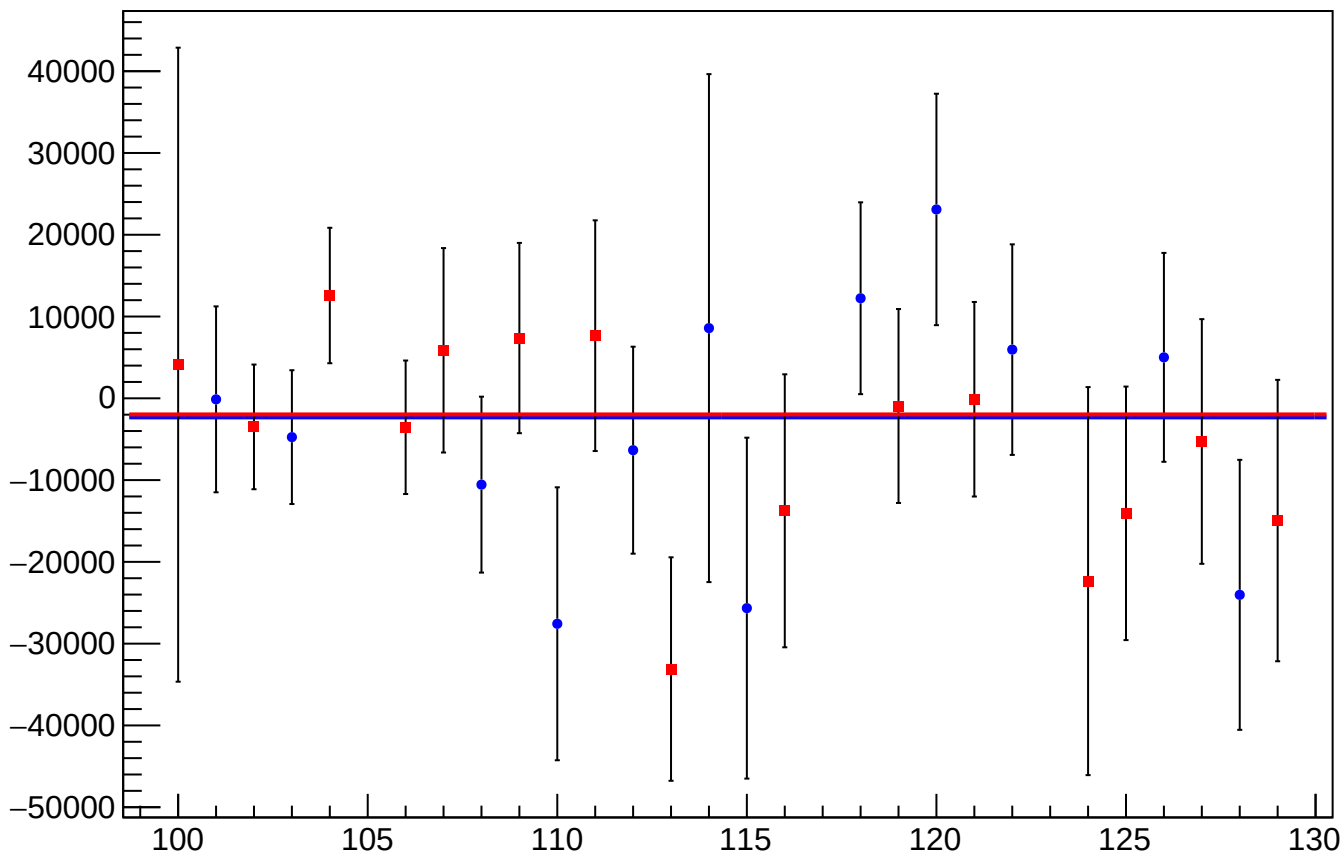
Right: 2528.852+/-0.556 χ^2/NDF : 643879.3/26

In: 2568.403+/-0.828 χ^2/NDF : 391268.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2528.852+/-0.556 χ^2/NDF : 643879.3/26

asym_atr2_dit_correction_mean vs Slug, Sign Corrected



Right In: -2330.038+/-3711.417 χ^2/NDF : 11.7/11

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

Right Out: -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

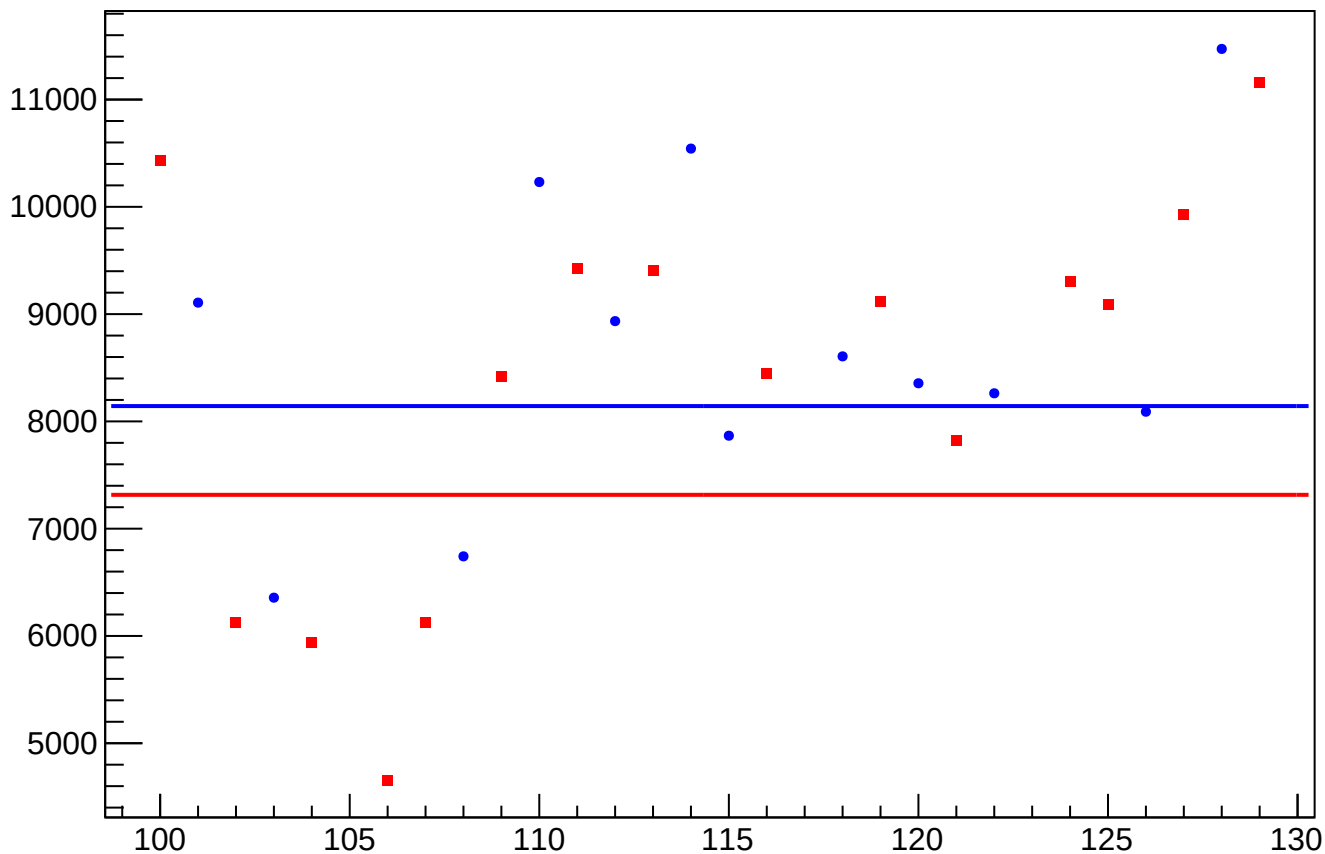
Right: -2118.510+/-2385.095 χ^2/NDF : 24.1/26

In: -2330.038+/-3711.417 χ^2/NDF : 11.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2118.510+/-2385.095 χ^2/NDF : 24.1/26

asym_atr2_dit_correction_rms vs Slug, Sign Corrected



Right In: 8142.859+/-2.624 χ^2/NDF : 280219.2/11

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

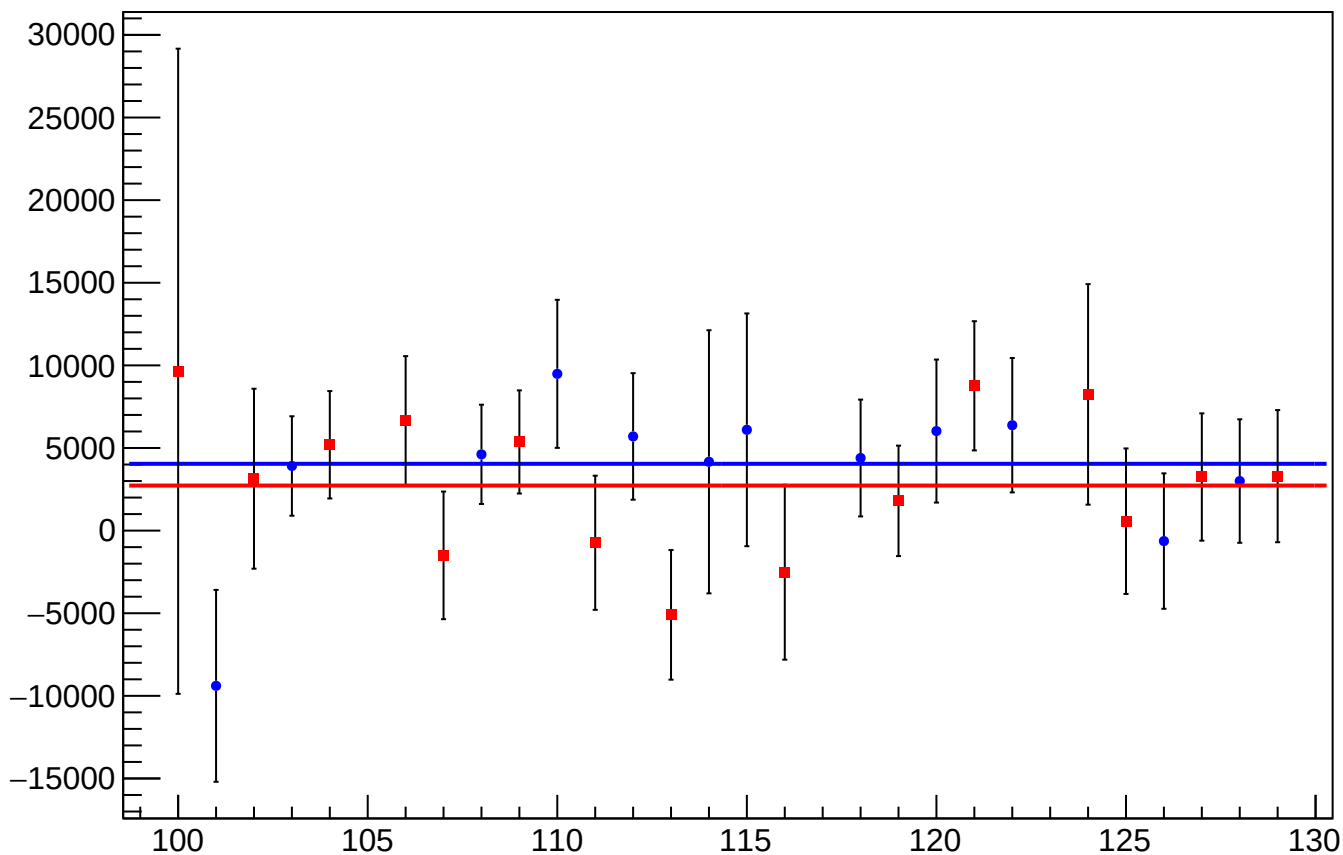
Right: 7657.187+/-1.687 χ^2/NDF : 1055289.2/26

In: 8142.859+/-2.624 χ^2/NDF : 280219.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7657.187+/-1.687 χ^2/NDF : 1055289.2/26

eigen_dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4042.999+/-1170.532 χ^2/NDF : 9.1/11

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

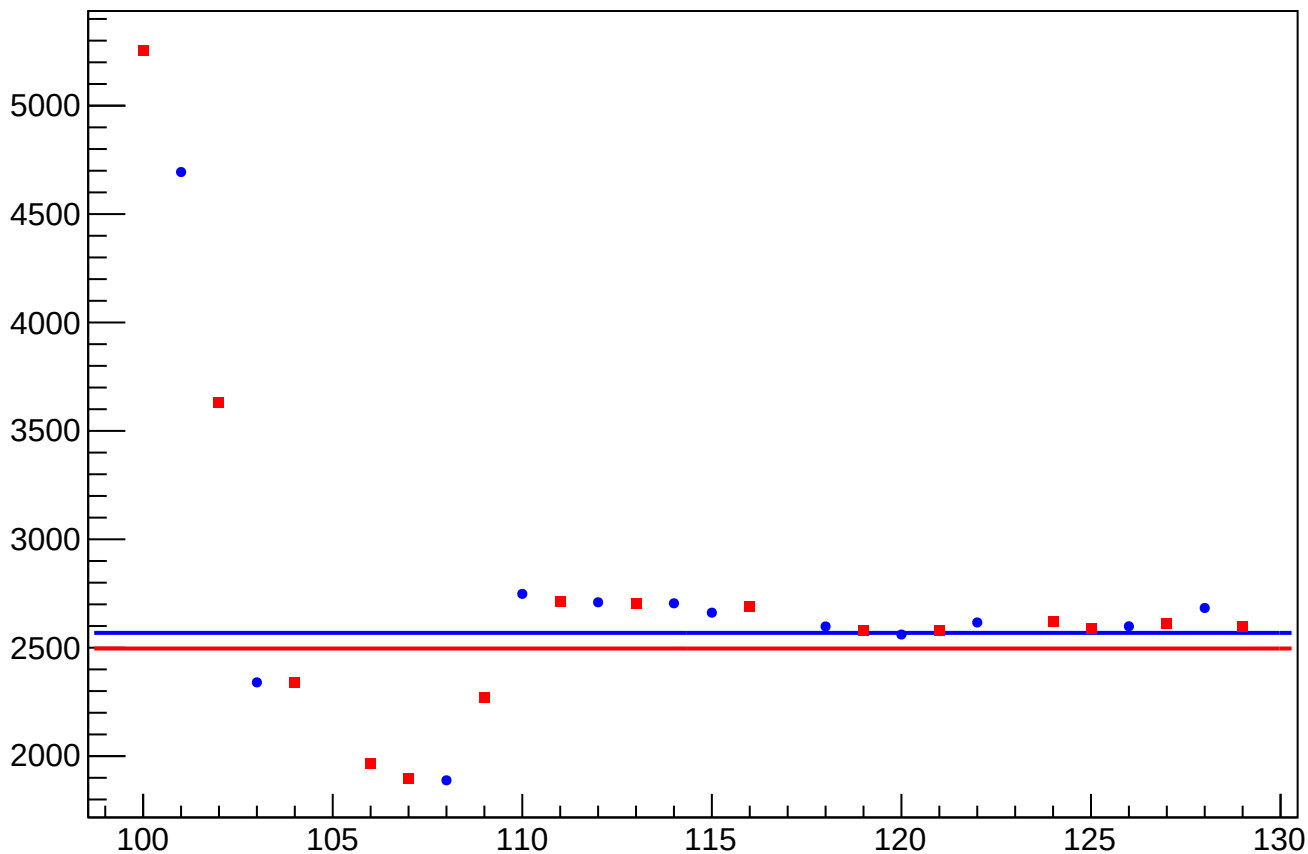
Right: 3321.466+/-786.487 χ^2/NDF : 22.5/26

In: 4042.999+/-1170.532 χ^2/NDF : 9.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3321.466+/-786.487 χ^2/NDF : 22.5/26

eigen_dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2568.402+/-0.828 χ^2/NDF : 391269.1/11

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

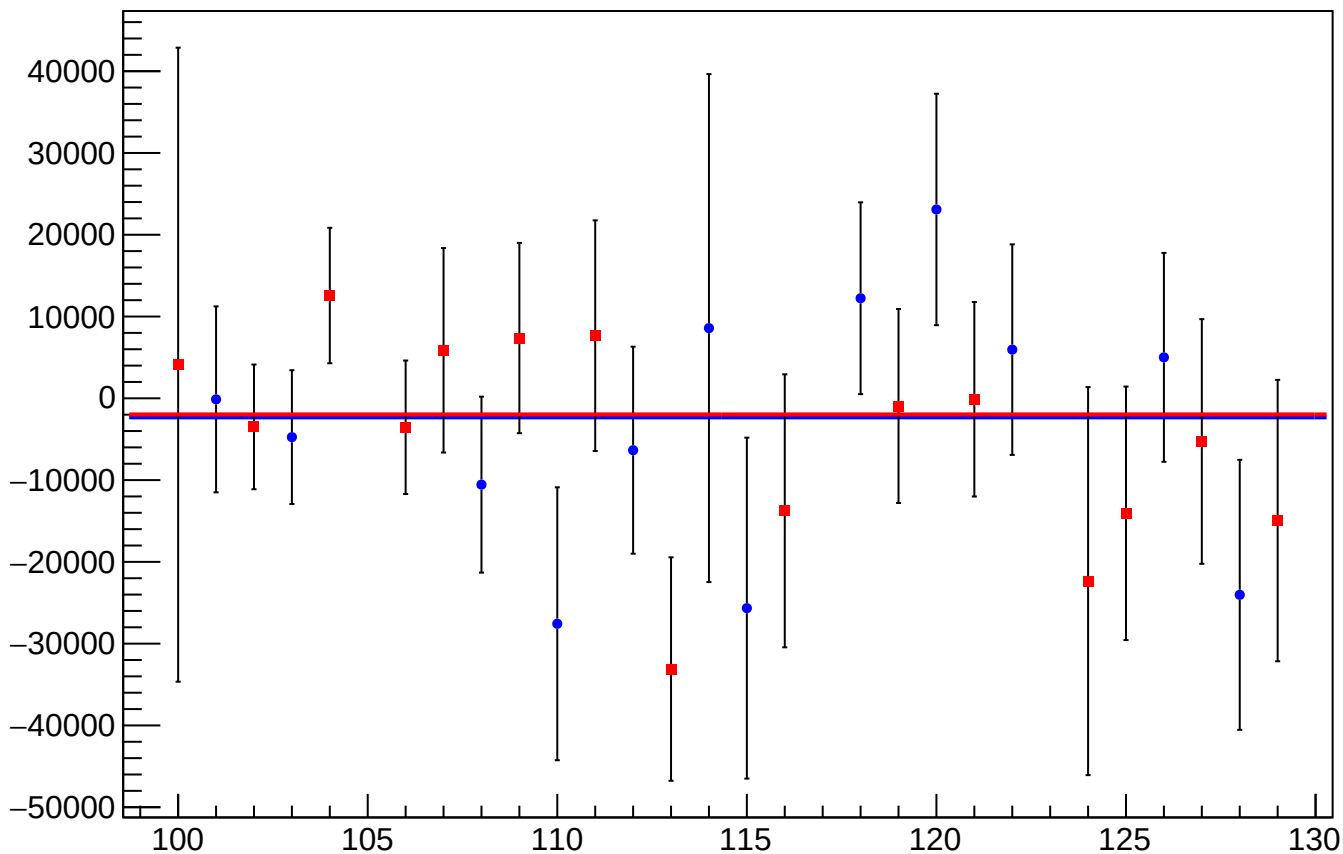
Right: 2528.852+/-0.556 χ^2/NDF : 643878.9/26

In: 2568.402+/-0.828 χ^2/NDF : 391269.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2528.852+/-0.556 χ^2/NDF : 643878.9/26

asym_atr2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -2330.022+/-3711.409 χ^2/NDF : 11.7/11

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

Right Out: -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

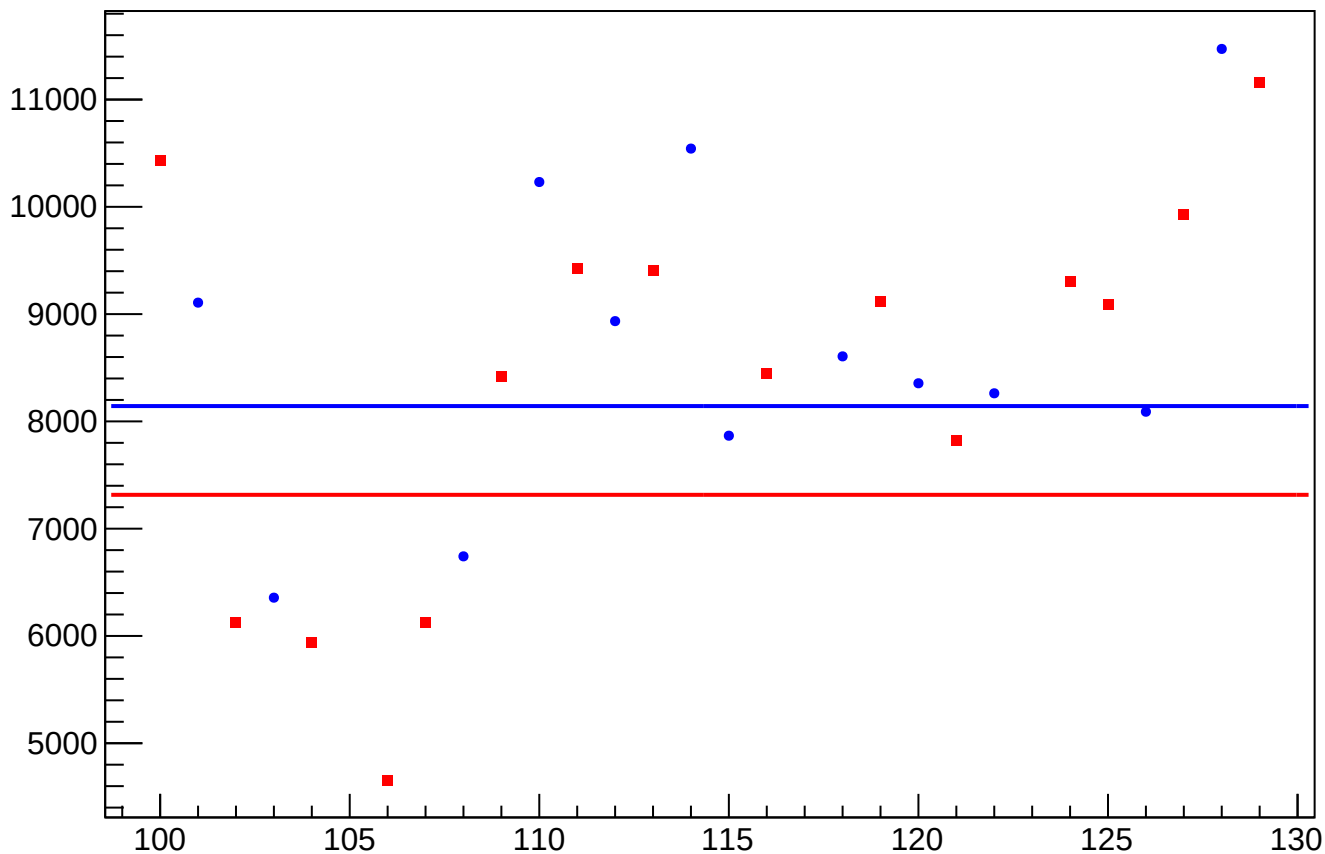
Right: -2118.500+/-2385.090 χ^2/NDF : 24.1/26

In: -2330.022+/-3711.409 χ^2/NDF : 11.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2118.500+/-2385.090 χ^2/NDF : 24.1/26

asym_atr2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 8142.843+/-2.624 χ^2/NDF : 280215.0/11

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

Right Out: 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

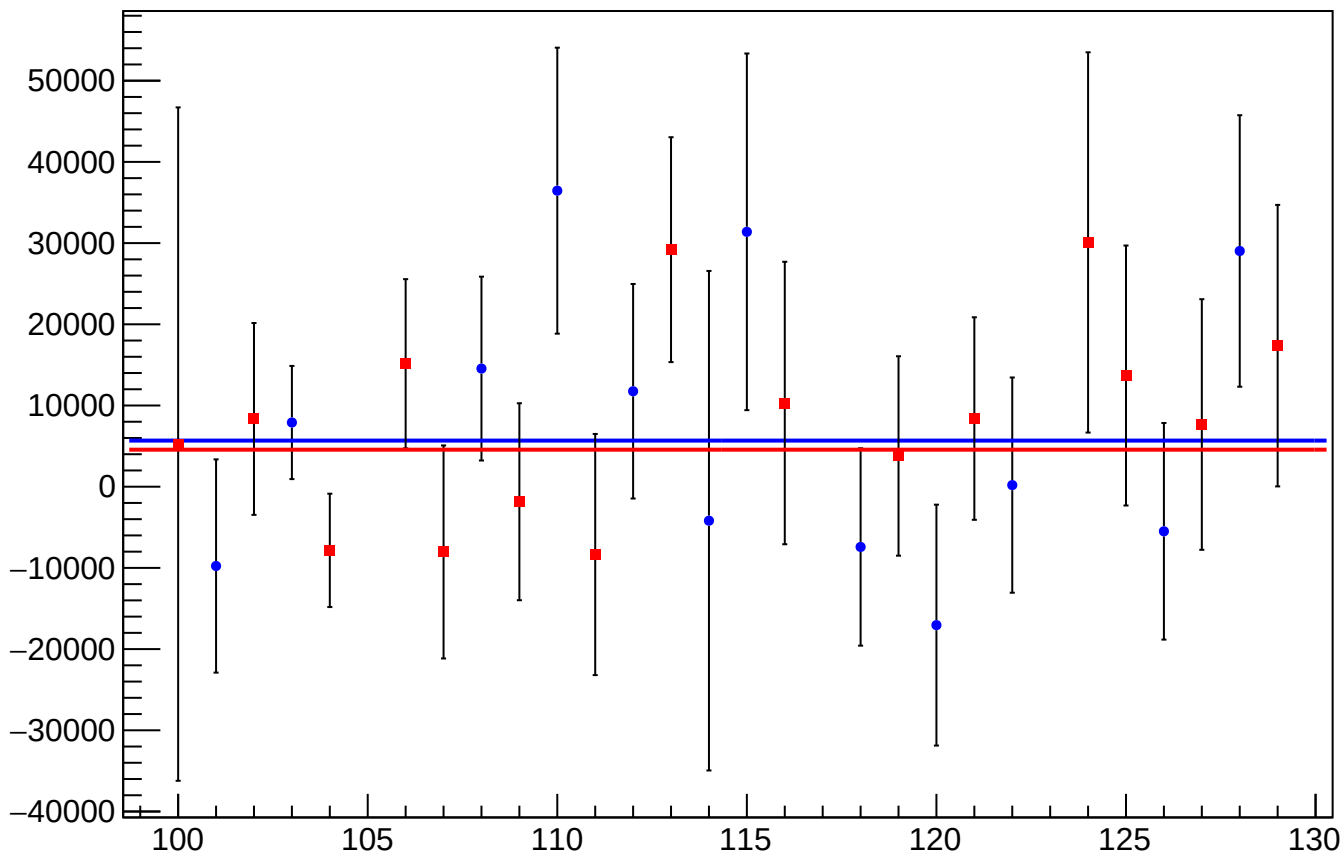
Right: 7657.172+/-1.687 χ^2/NDF : 1055281.4/26

In: 8142.843+/-2.624 χ^2/NDF : 280215.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7657.172+/-1.687 χ^2/NDF : 1055281.4/26

asym_atr2_mean vs Slug, Sign Corrected



Right In: 5678.784+/-3714.365 χ^2/NDF : 13.2/11

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

Right Out: 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

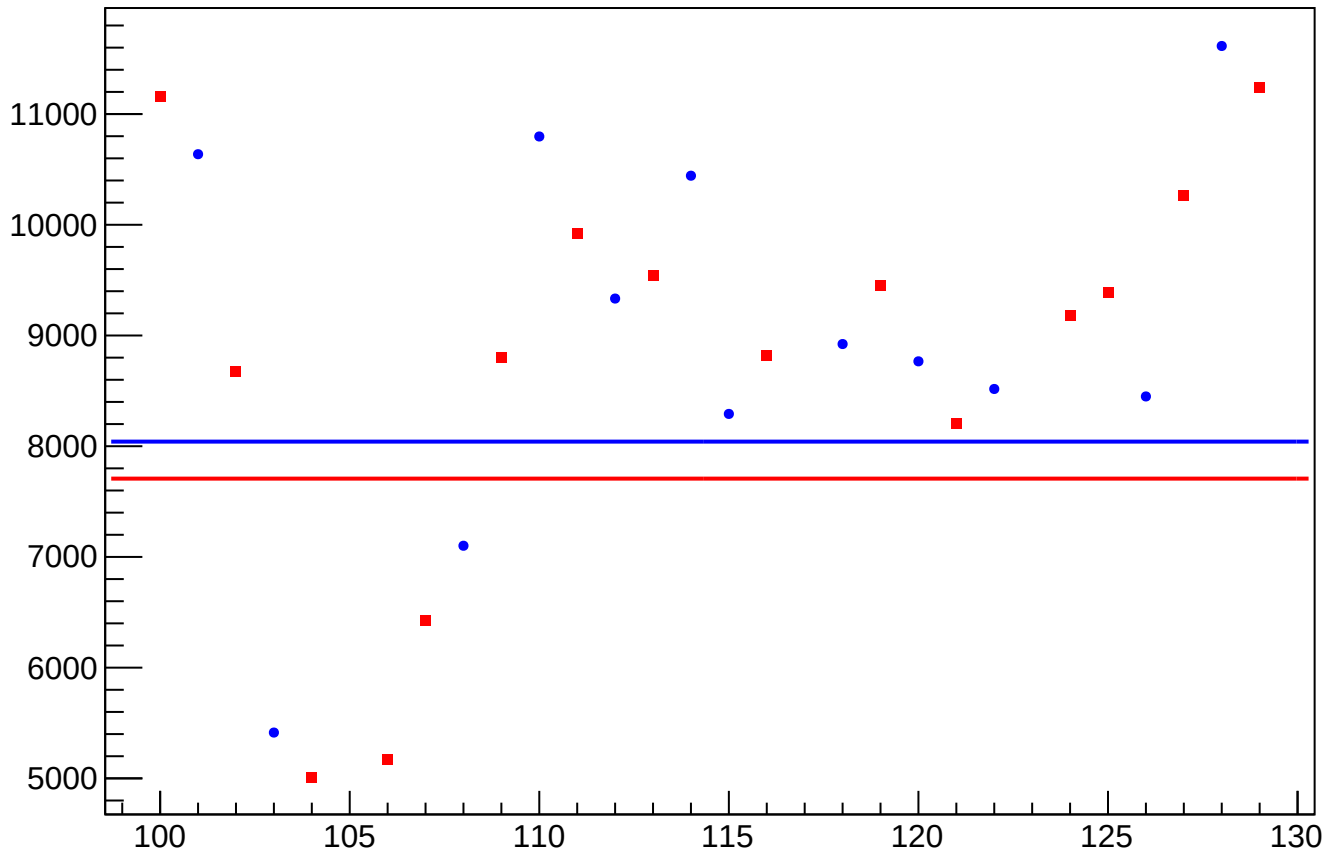
Right: 5060.058+/-2484.922 χ^2/NDF : 24.9/26

In: 5678.784+/-3714.365 χ^2/NDF : 13.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5060.058+/-2484.922 χ^2/NDF : 24.9/26

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8041.572+/-2.626 χ^2/NDF : 567989.6/11

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

Right Out: 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

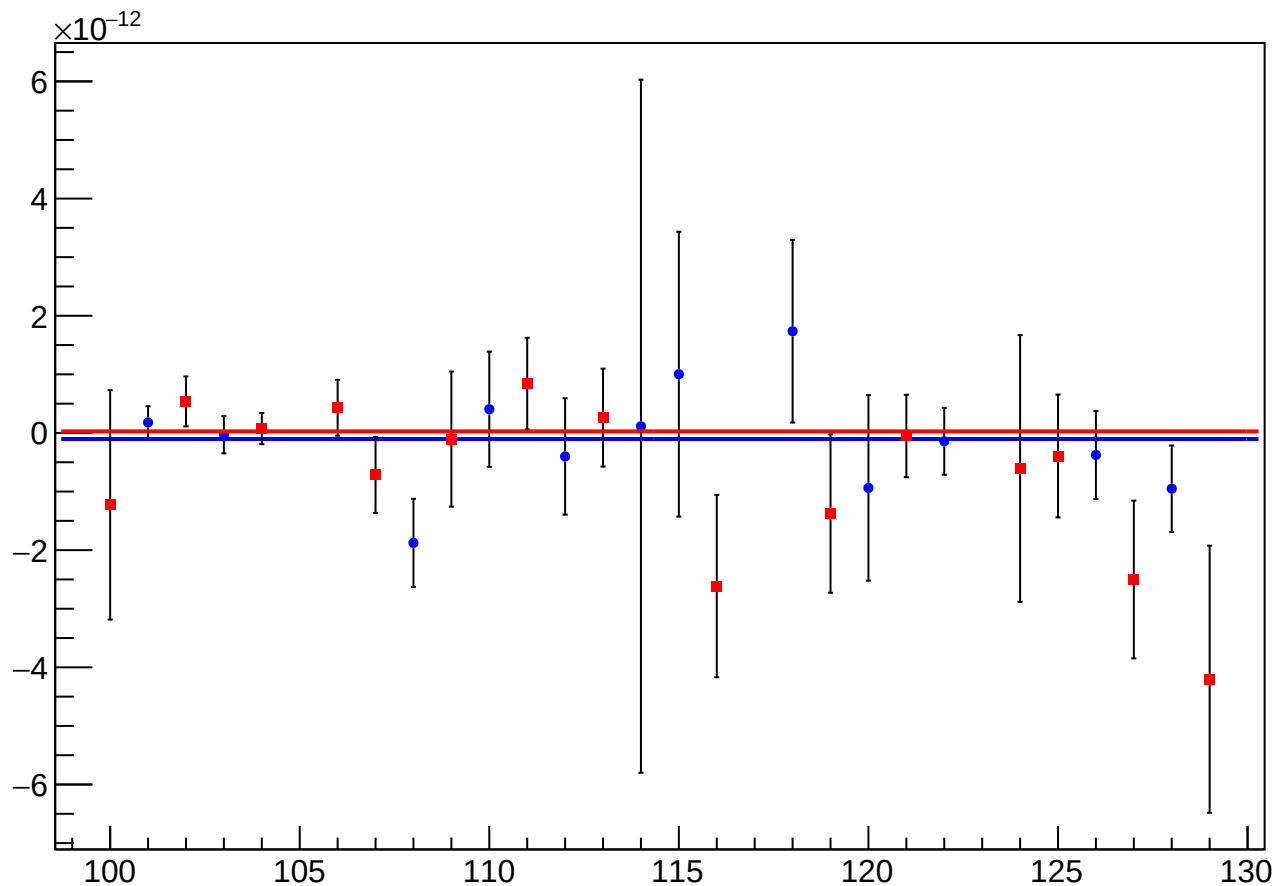
Right: 7856.917+/-1.757 χ^2/NDF : 1356255.0/26

In: 8041.572+/-2.626 χ^2/NDF :567989.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7856.917+/-1.757 χ^2/NDF : 1356255.0/26

asym_atr2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.4/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 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

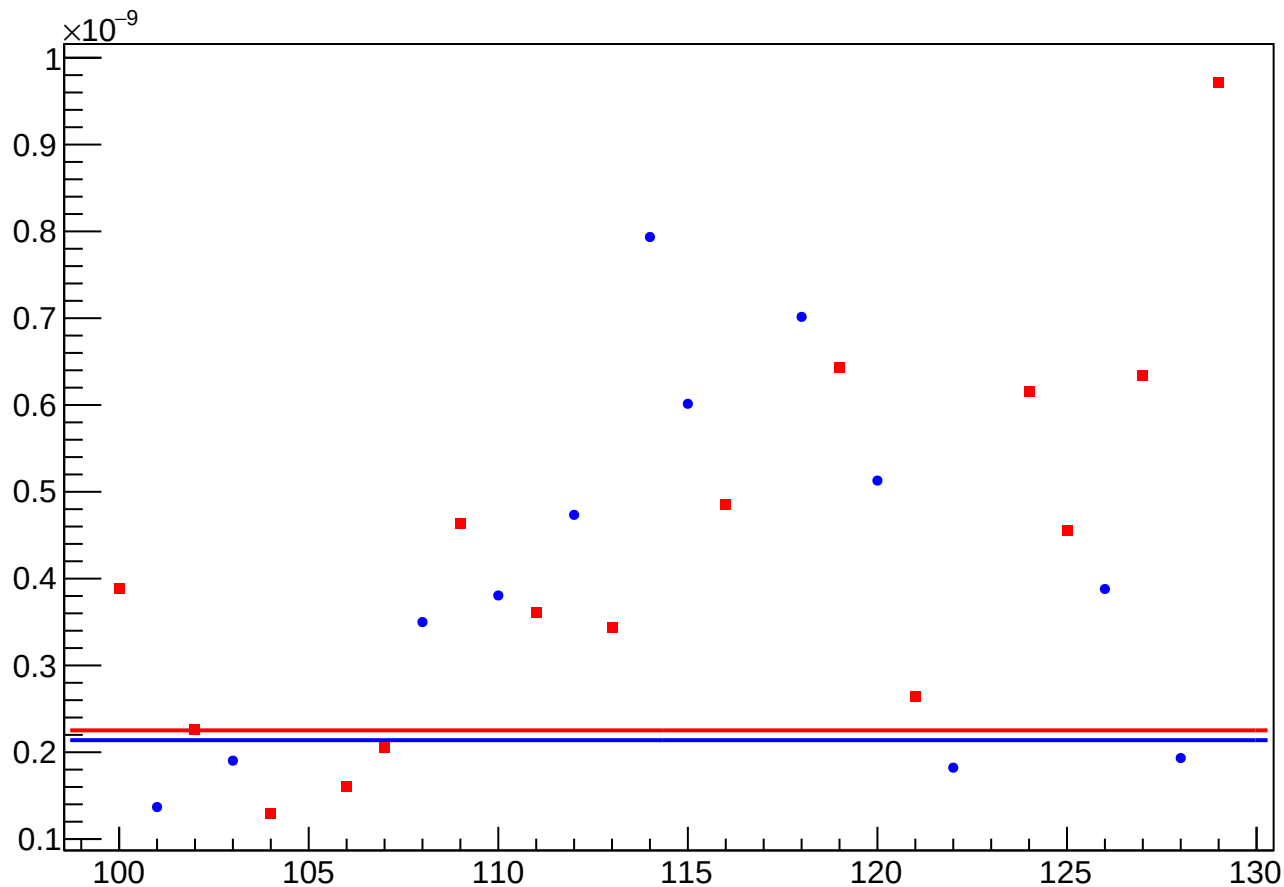
Right: -0.000+/-0.000 χ^2/NDF : 26.9/26

In: -0.000+/-0.000 χ^2/NDF : 10.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.9/26

asym_atr2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 880176.4/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 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

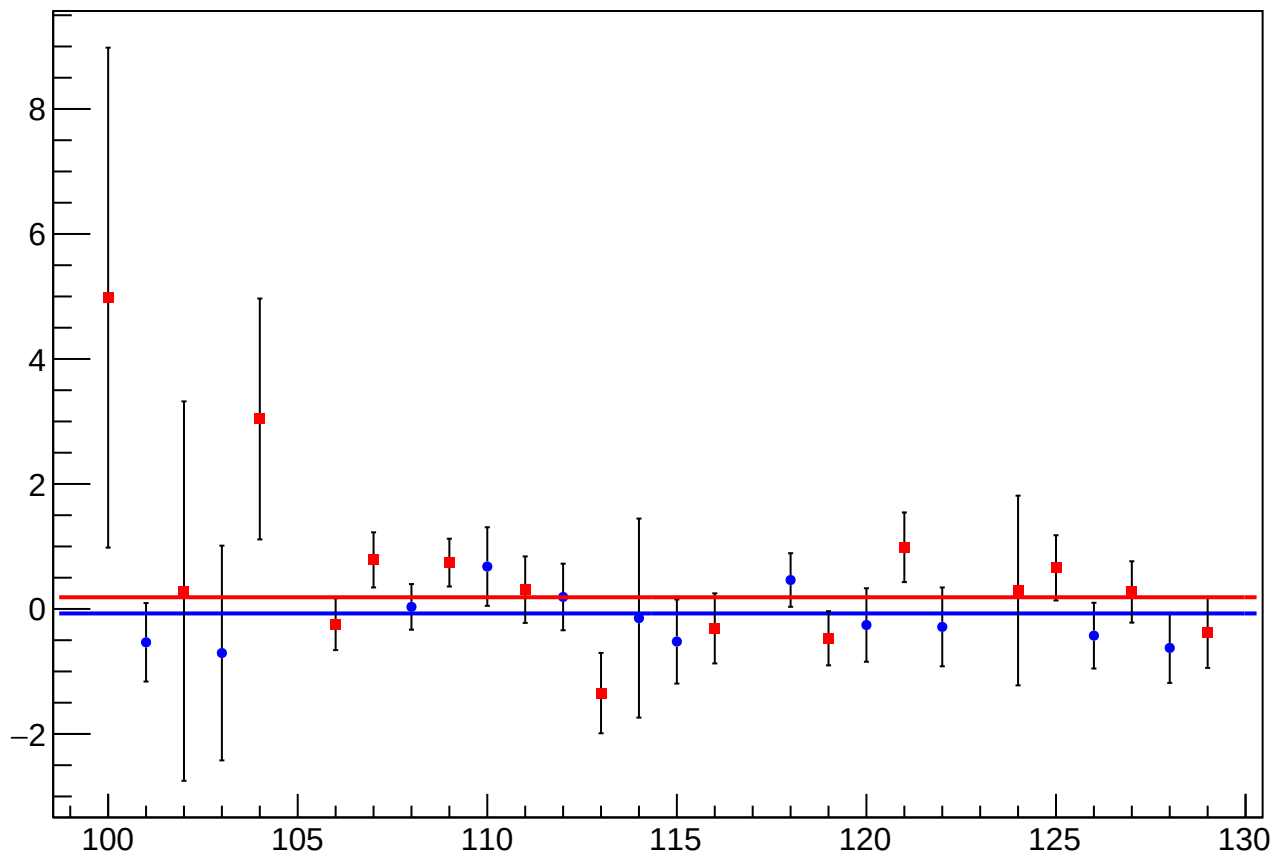
Right: 0.000+/-0.000 χ^2/NDF : 2189951.3/26

In: 0.000+/-0.000 χ^2/NDF : 880176.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2189951.3/26

asym_atr2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.072 ± 0.165 χ^2/NDF : 6.1/11

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

Right Out: 0.187 ± 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

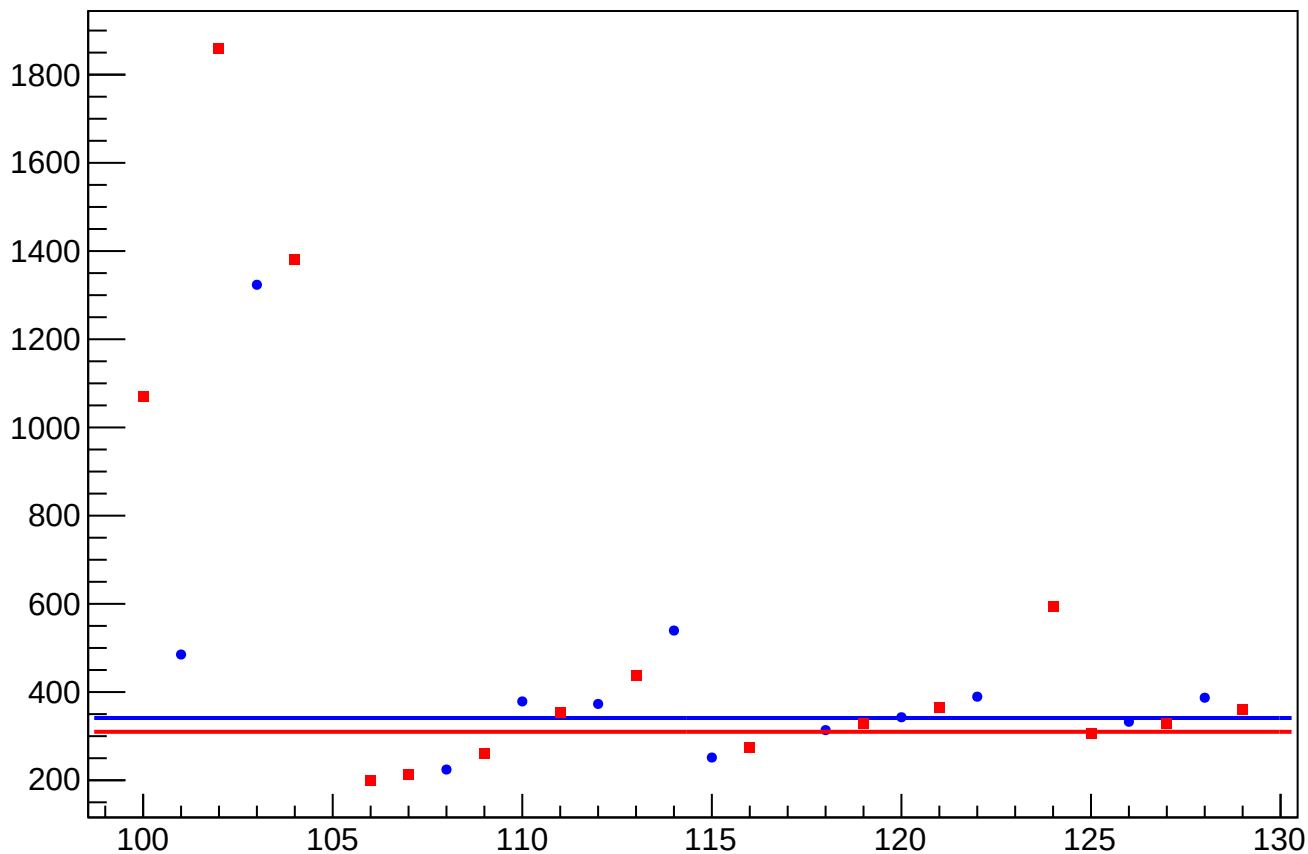
Right: 0.074 ± 0.109 χ^2/NDF : 28.8/26

In: -0.072 ± 0.165 χ^2/NDF : 6.1/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.074 ± 0.109 χ^2/NDF : 28.8/26

asym_atr2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 341.191+/-0.117 χ^2/NDF : 1079229.9/11

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

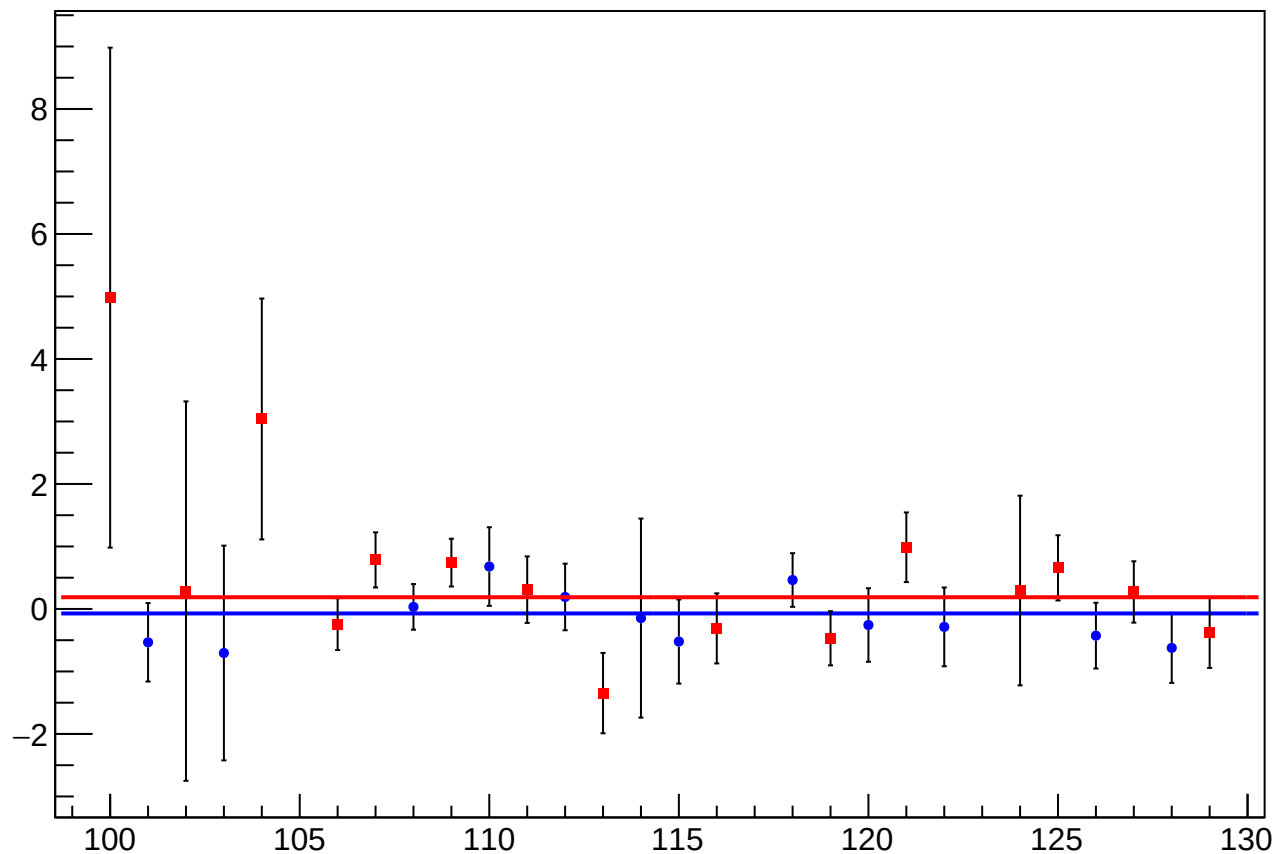
Right: 323.556+/-0.077 χ^2/NDF : 2814765.4/26

In: 341.191+/-0.117 χ^2/NDF : 1079229.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 323.556+/-0.077 χ^2/NDF : 2814765.4/26

asym_atr2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.072 ± 0.165 $\chi^2/\text{NDF}: 6.1/11$

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

Right Out: 0.187 ± 0.145 $\chi^2/\text{NDF}: 21.4/14$

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

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

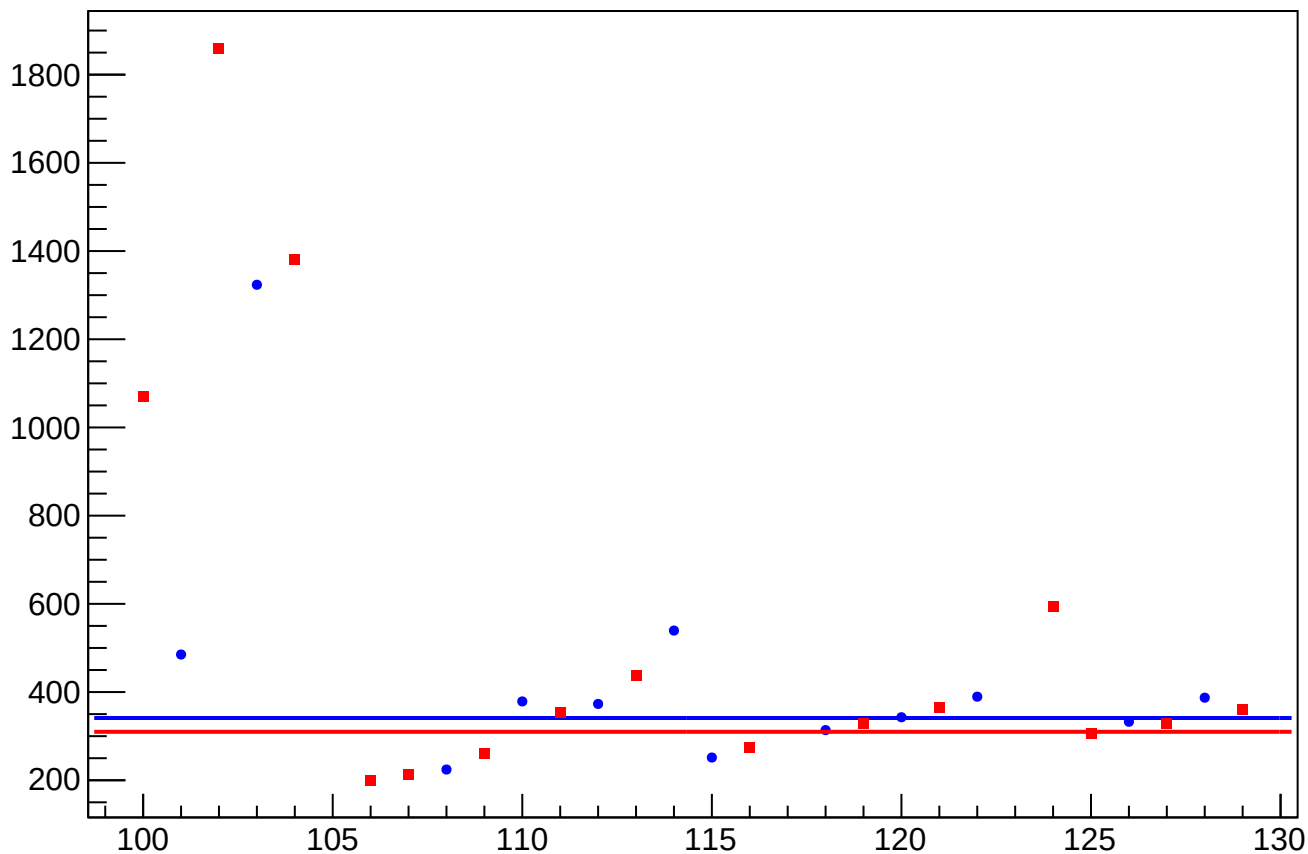
Right: 0.074 ± 0.109 $\chi^2/\text{NDF}: 28.8/26$

In: -0.072 ± 0.165 $\chi^2/\text{NDF}: 6.1/11$

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

All: 0.074 ± 0.109 $\chi^2/\text{NDF}: 28.8/26$

asym_atr2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 341.191+/-0.117 χ^2/NDF : 1079229.9/11

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

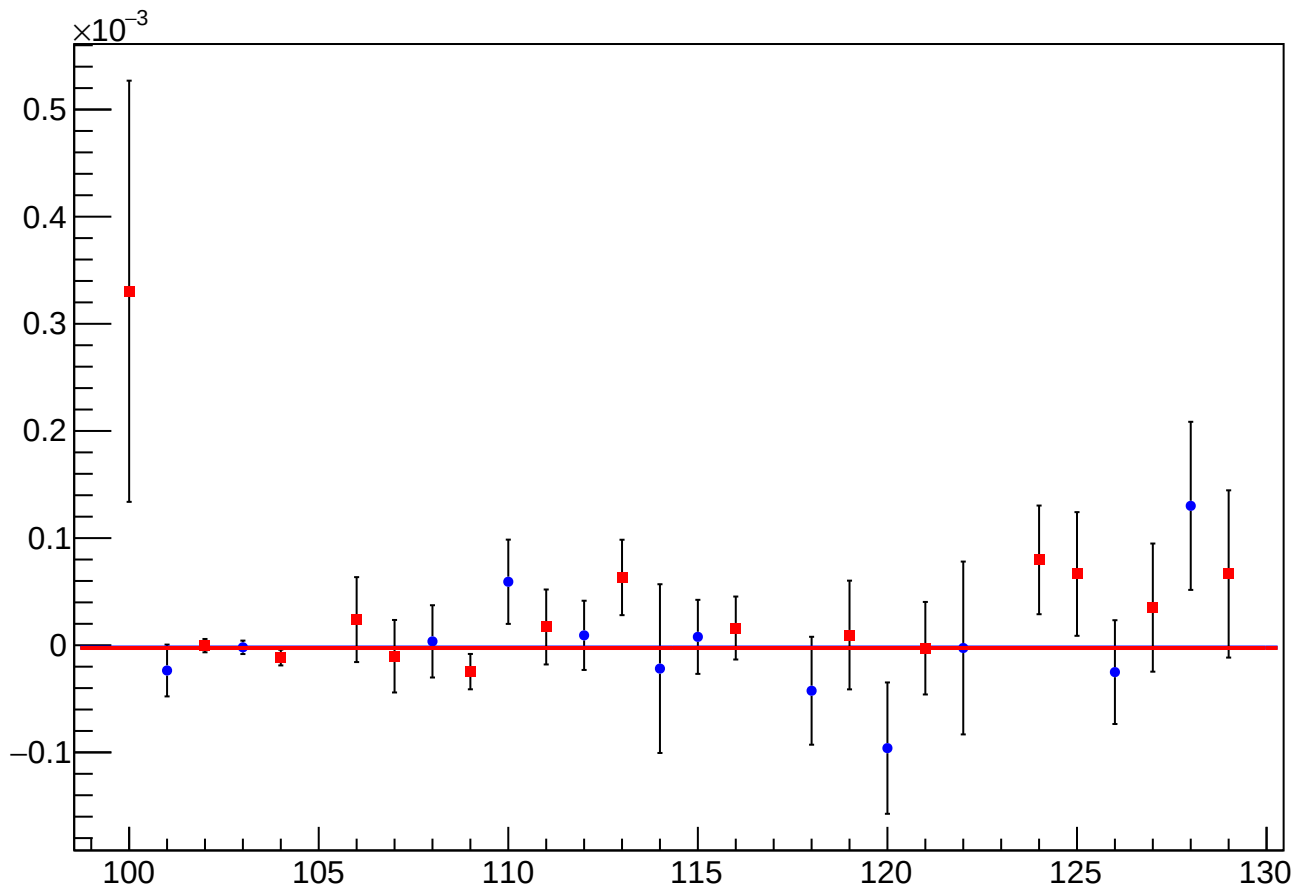
Right: 323.556+/-0.077 χ^2/NDF : 2814765.4/26

In: 341.191+/-0.117 χ^2/NDF : 1079229.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 323.556+/-0.077 χ^2/NDF : 2814765.4/26

asym_atr2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.6/11

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

Right Out: -0.000+/-0.000 χ^2/NDF : 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

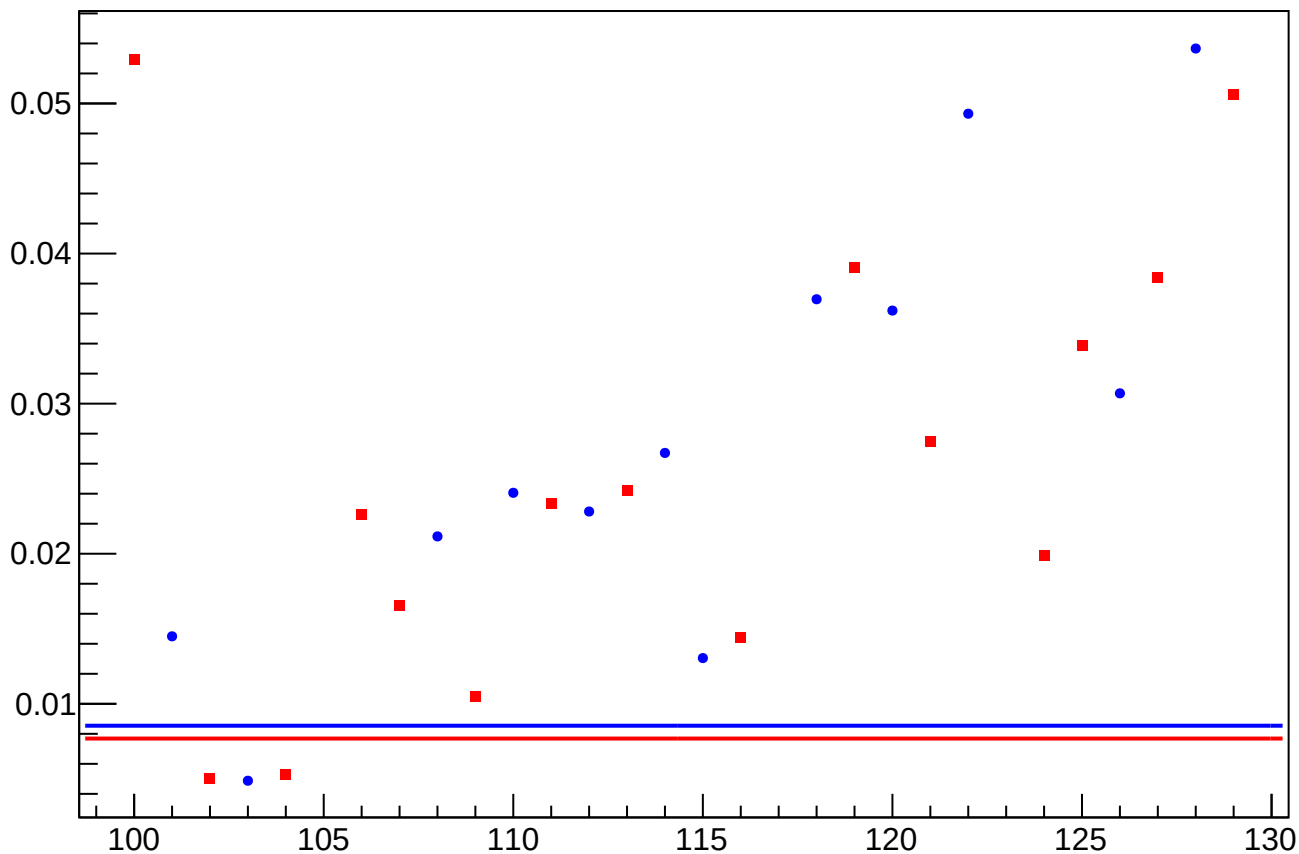
Right: -0.000+/-0.000 χ^2/NDF : 25.9/26

In: -0.000+/-0.000 χ^2/NDF : 9.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.9/26

asym_atr2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 4562864.4/11

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

Right Out: 0.008+/-0.000 χ^2/NDF : 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

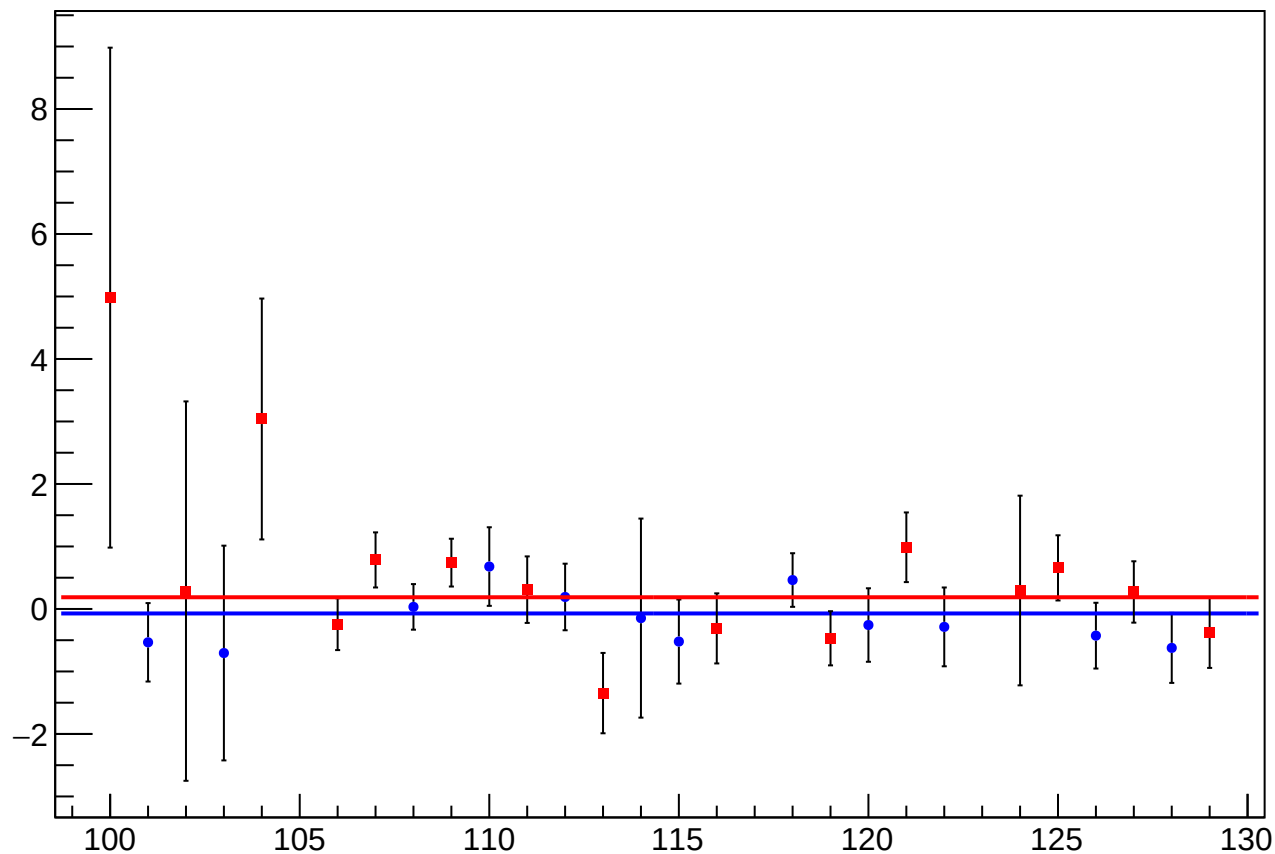
Right: 0.008+/-0.000 χ^2/NDF : 9554322.5/26

In: 0.009+/-0.000 χ^2/NDF : 4562864.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 9554322.5/26

asym_atr2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.072 ± 0.165 χ^2/NDF : 6.1/11

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

Right Out: 0.187 ± 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

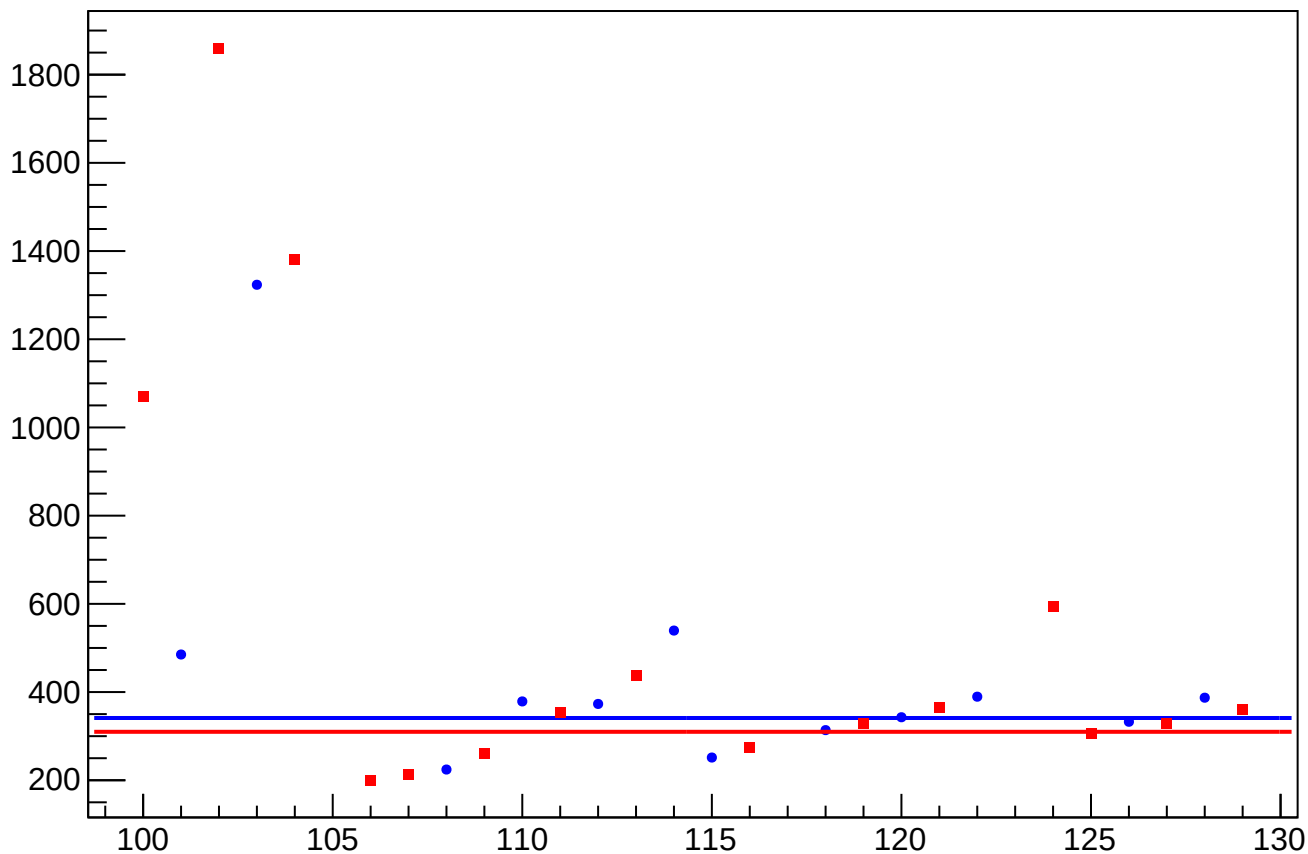
Right: 0.074 ± 0.109 χ^2/NDF : 28.8/26

In: -0.072 ± 0.165 χ^2/NDF : 6.1/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.074 ± 0.109 χ^2/NDF : 28.8/26

asym_atr2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 341.188+/-0.117 χ^2/NDF : 1079254.4/11

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

Right Out: 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

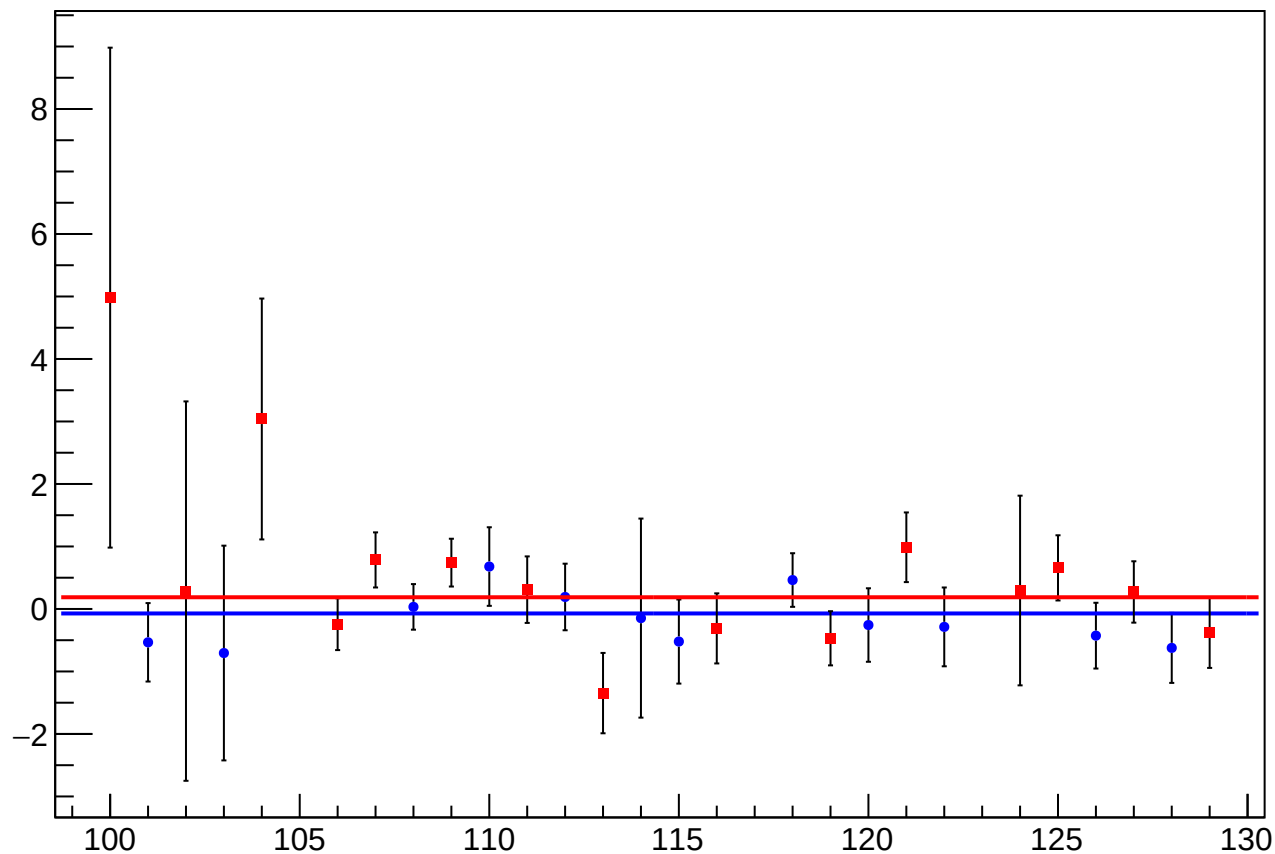
Right: 323.553+/-0.077 χ^2/NDF : 2814764.1/26

In: 341.188+/-0.117 χ^2/NDF : 1079254.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 323.553+/-0.077 χ^2/NDF : 2814764.1/26

asym_atr2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.072 ± 0.165 χ^2/NDF : 6.1/11

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

Right Out: 0.187 ± 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

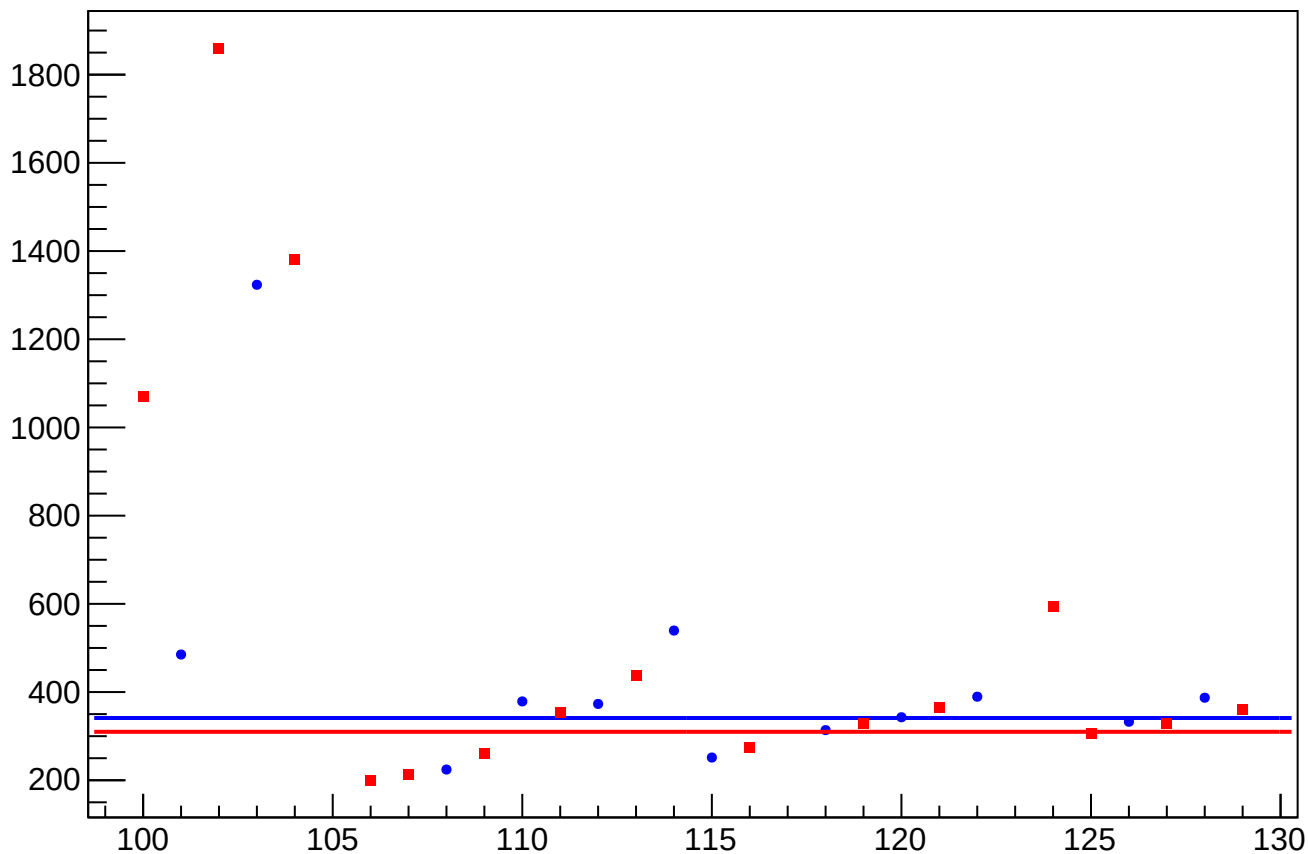
Right: 0.074 ± 0.109 χ^2/NDF : 28.8/26

In: -0.072 ± 0.165 χ^2/NDF : 6.1/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.074 ± 0.109 χ^2/NDF : 28.8/26

asym_atr2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 341.188+/-0.117 χ^2/NDF : 1079254.4/11

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

Right Out: 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

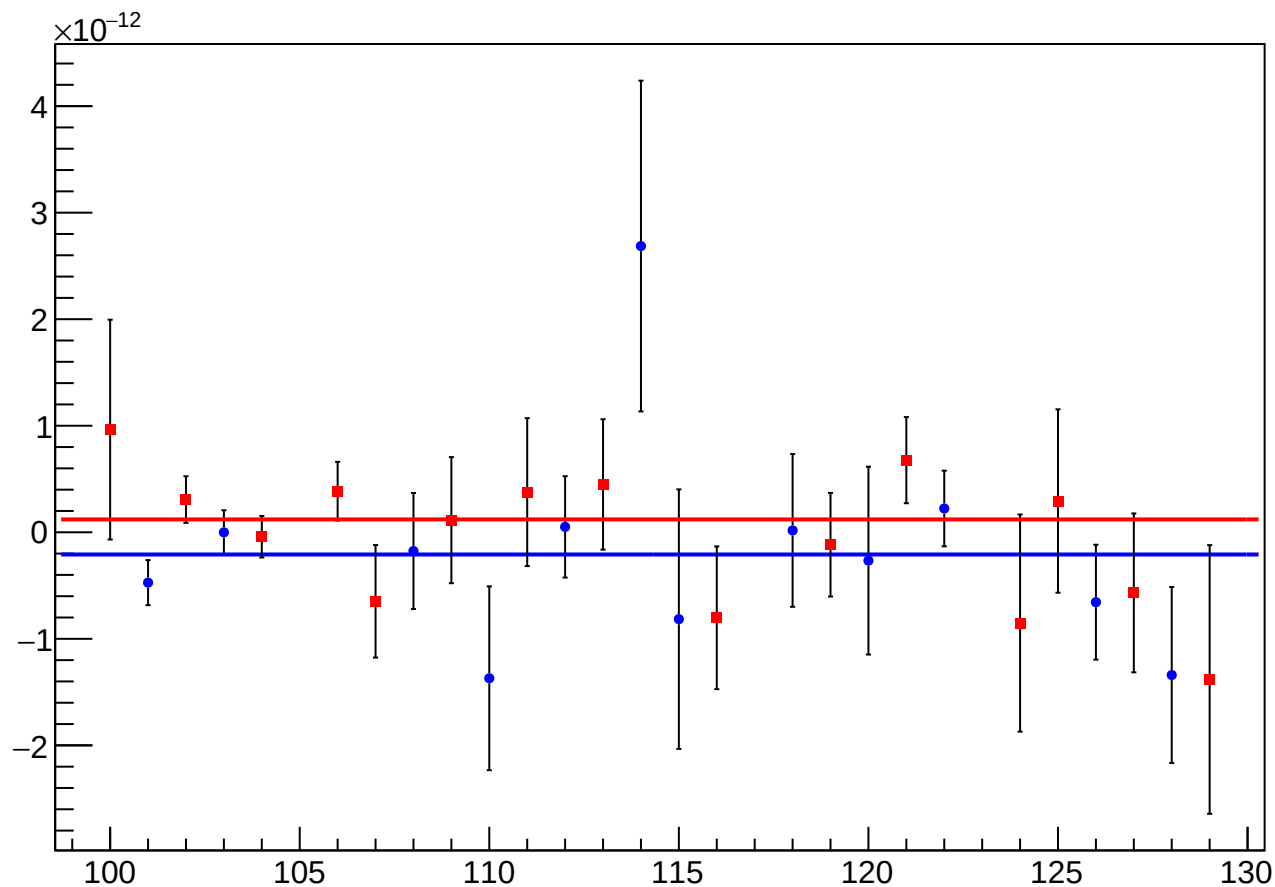
Right: 323.553+/-0.077 χ^2/NDF : 2814764.1/26

In: 341.188+/-0.117 χ^2/NDF : 1079254.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 323.553+/-0.077 χ^2/NDF : 2814764.1/26

asym_atr2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.6/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 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

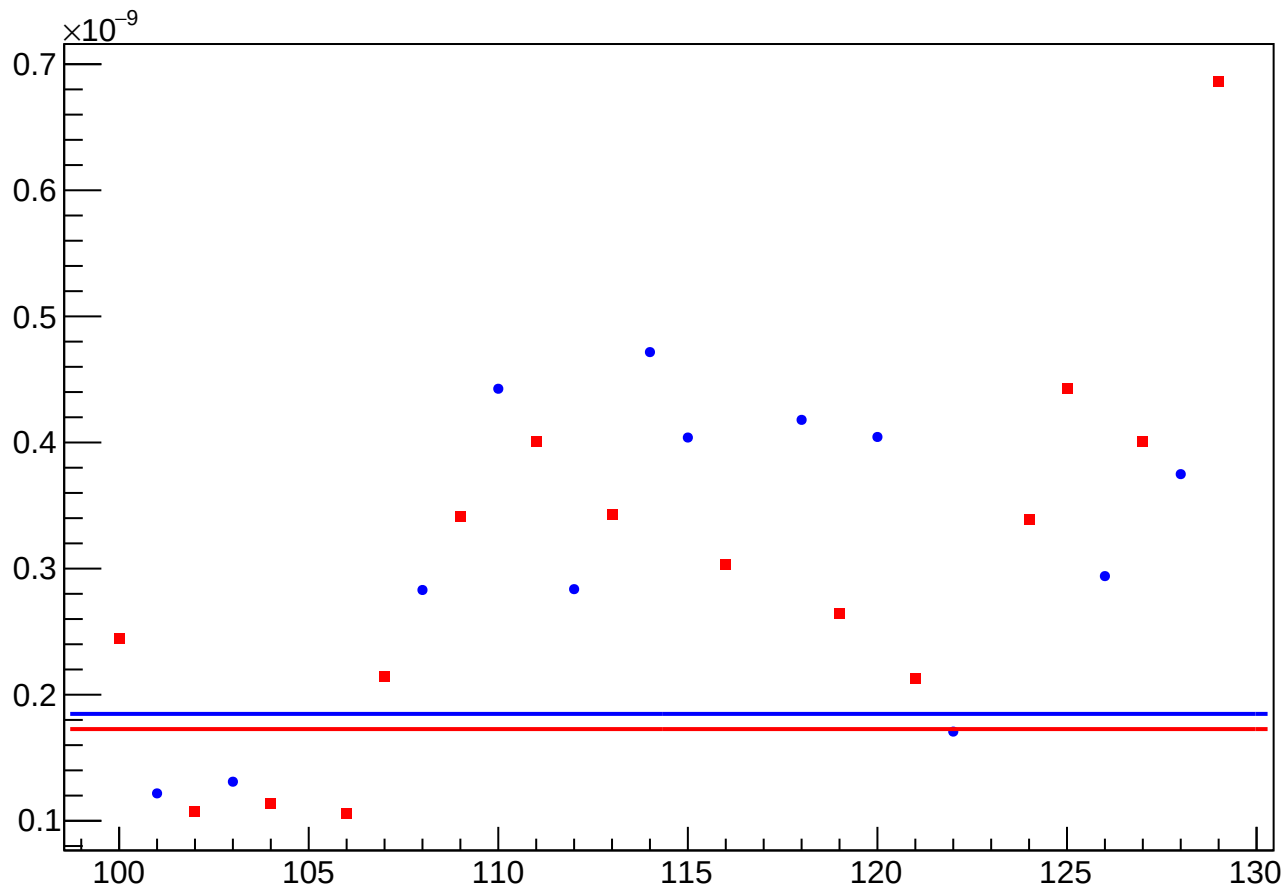
Right: -0.000+/-0.000 χ^2/NDF : 29.7/26

In: -0.000+/-0.000 χ^2/NDF : 12.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.7/26

asym_atr2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1302363.4/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 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

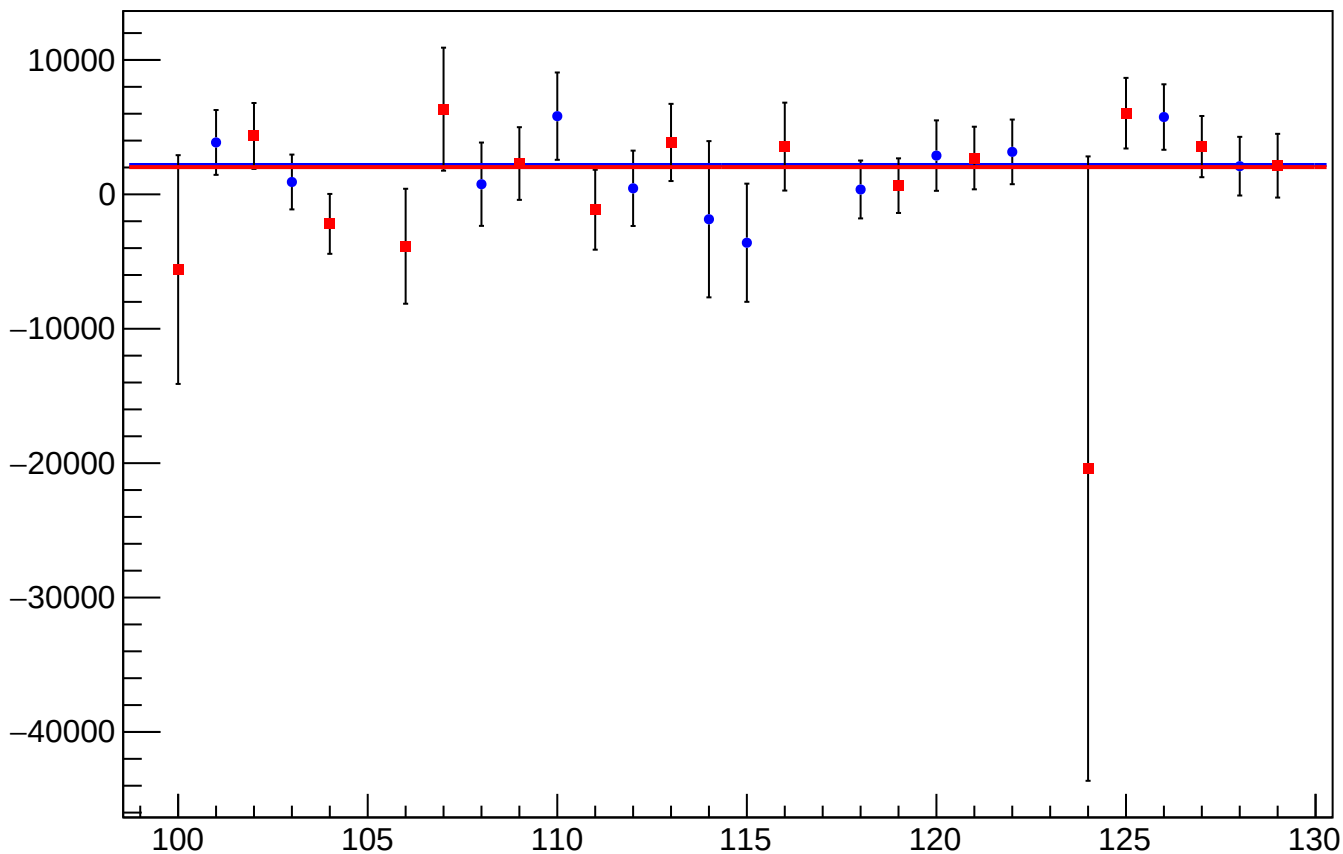
Right: 0.000+/-0.000 χ^2/NDF : 3282813.5/26

In: 0.000+/-0.000 χ^2/NDF : 1302363.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3282813.5/26

reg_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2185.092+/-759.834 χ^2/NDF : 8.0/11

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

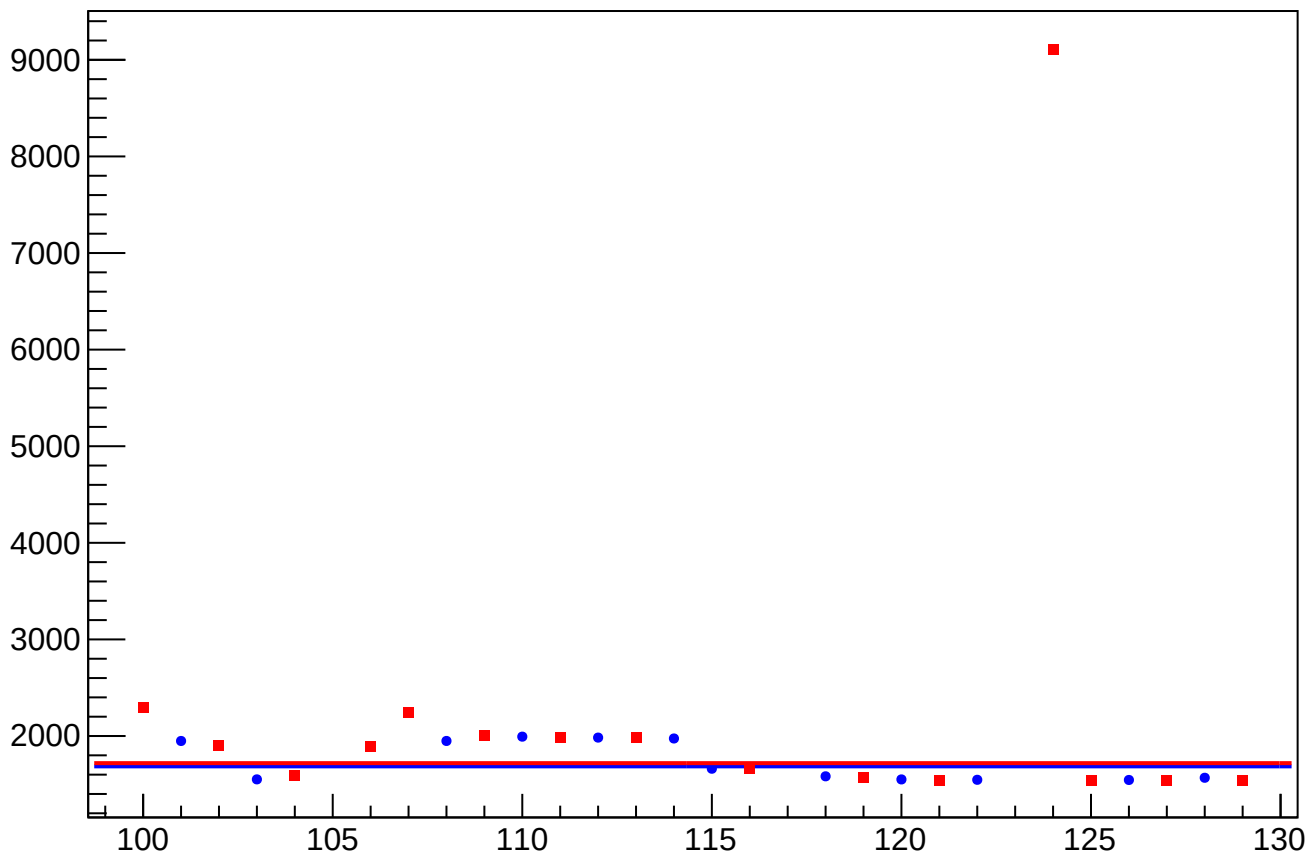
Right: 2102.680+/-525.241 χ^2/NDF : 22.2/26

In: 2185.092+/-759.834 χ^2/NDF :8.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2102.680+/-525.241 χ^2/NDF : 22.2/26

reg_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1685.836+/-0.537 χ^2/NDF : 121460.6/11

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

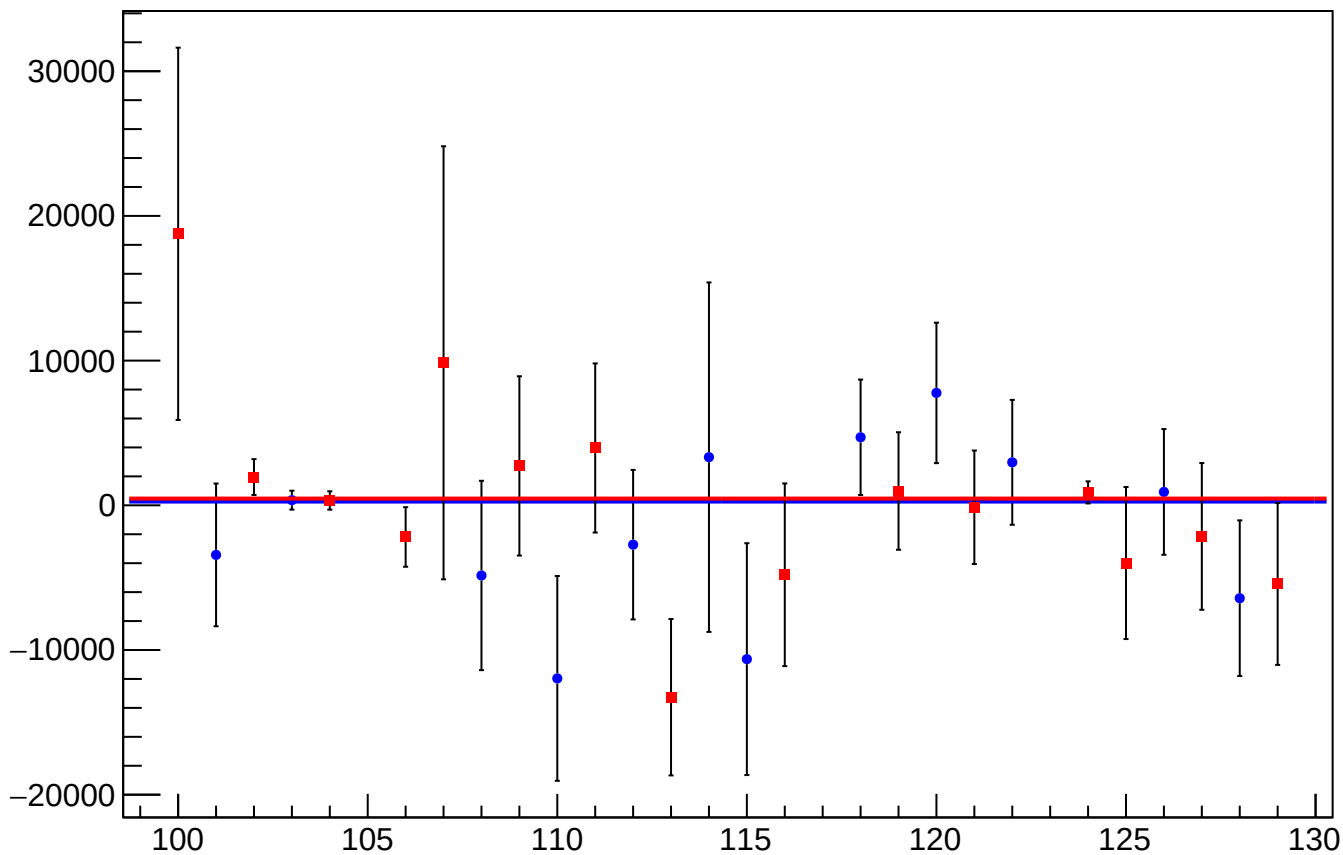
Right: 1703.330+/-0.370 χ^2/NDF : 494530.3/26

In: 1685.836+/-0.537 χ^2/NDF : 121460.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1703.330+/-0.370 χ^2/NDF : 494530.3/26

asym_atl_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 259.042 $\pm$ 605.329 χ^2 /NDF: 12.0/11

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

Right Out: 465.909 $\pm$ 428.438 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

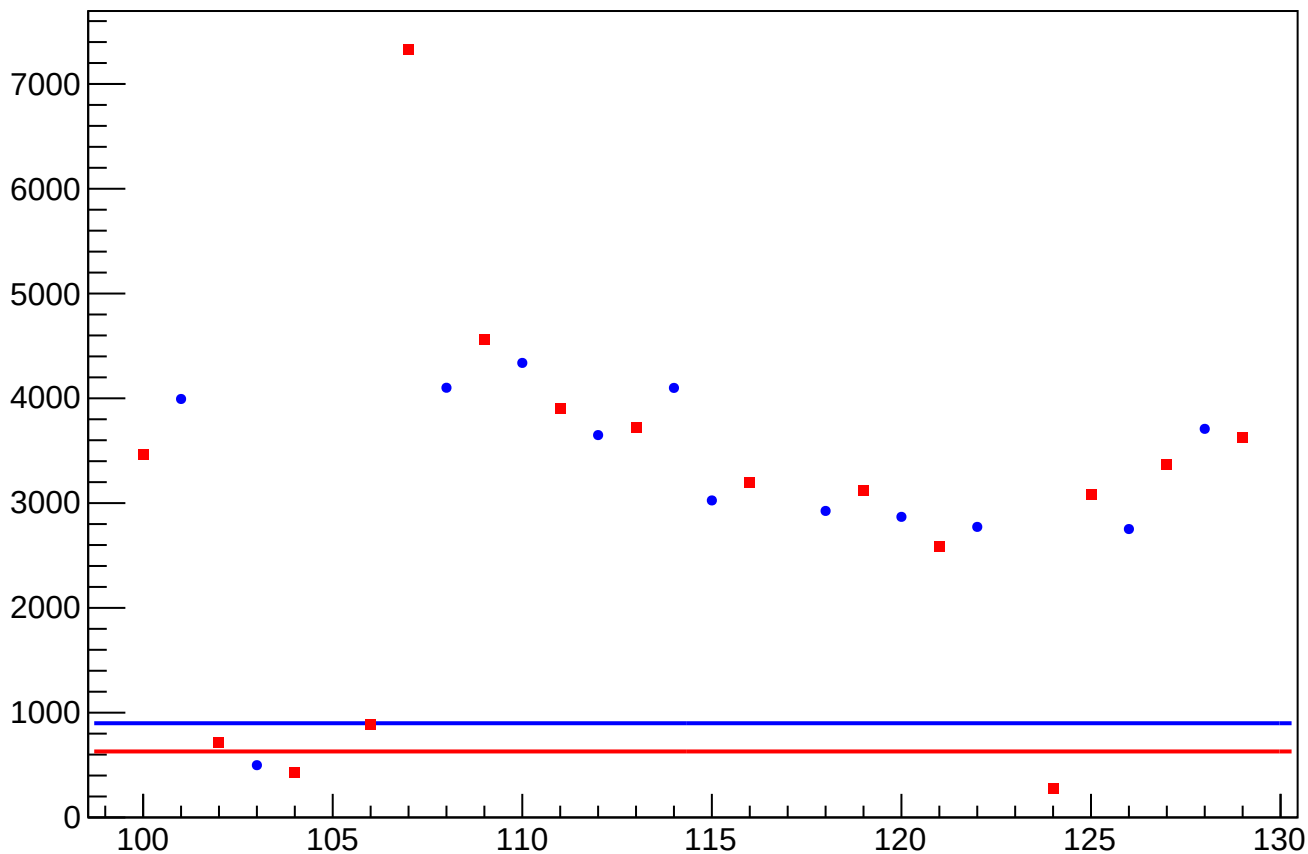
Right: 396.866 $\pm$ 349.708 χ^2 /NDF: 27.7/26

In: 259.042 $\pm$ 605.329 χ^2 /NDF:12.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 396.866 $\pm$ 349.708 χ^2 /NDF: 27.7/26

asym_atl_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 899.197+/-0.428 χ^2/NDF : 5468889.9/11

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

Right Out: 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

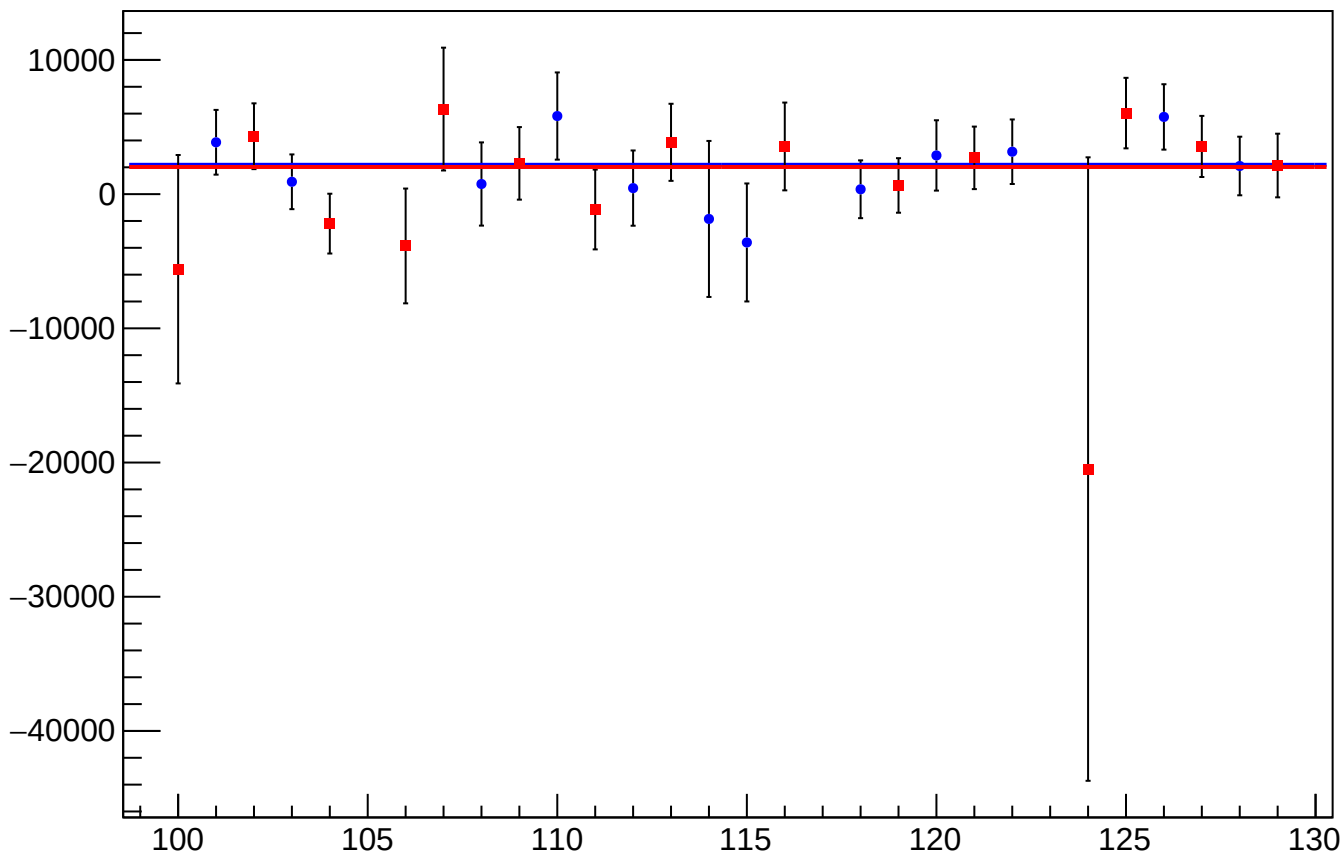
Right: 719.723+/-0.247 χ^2/NDF : 12152597.3/26

In: 899.197+/-0.428 χ^2/NDF : 5468889.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 719.723+/-0.247 χ^2/NDF : 12152597.3/26

cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2185.327+/-759.834 χ^2/NDF : 8.0/11

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

Right Out: 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

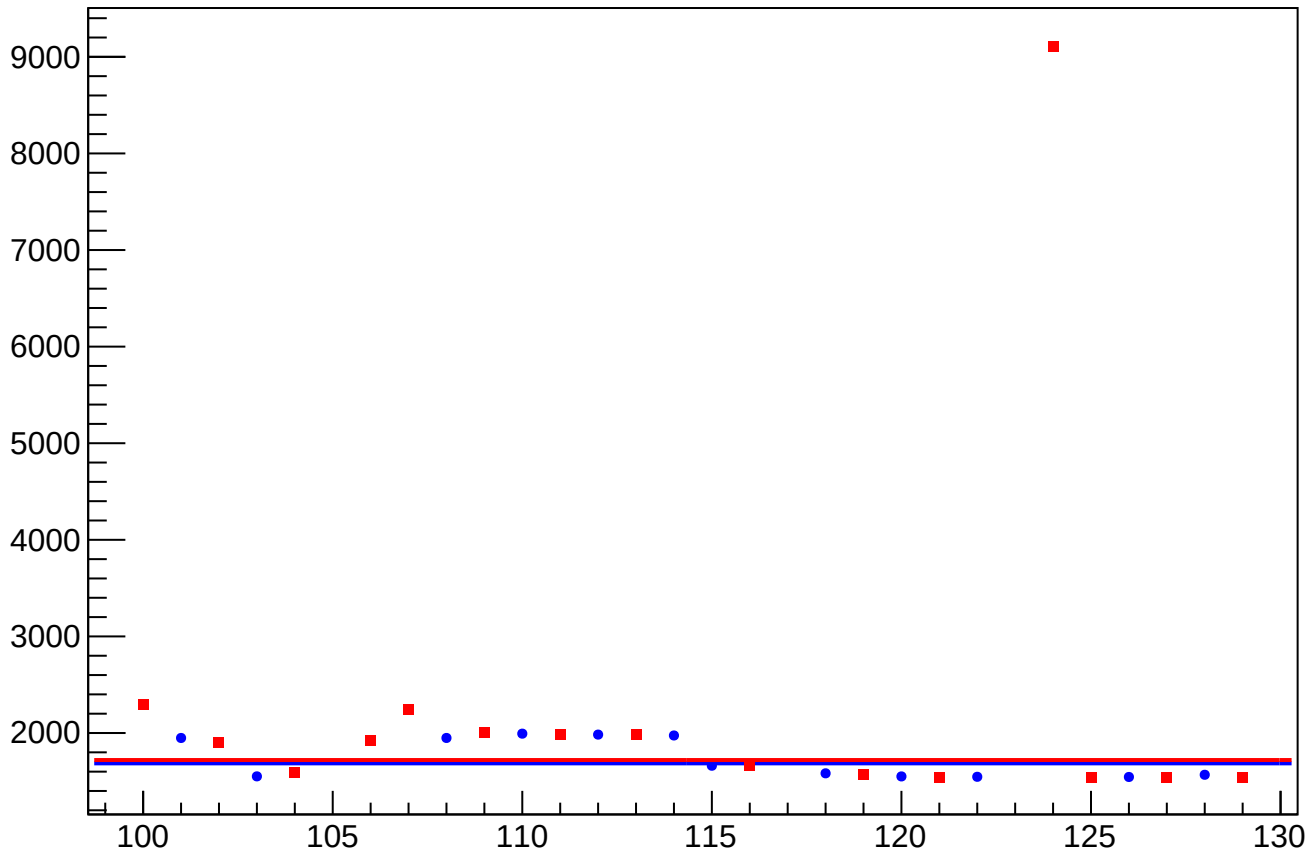
Right: 2101.124+/-525.244 χ^2/NDF : 22.1/26

In: 2185.327+/-759.834 χ^2/NDF : 8.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2101.124+/-525.244 χ^2/NDF : 22.1/26

cor_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1685.835+/-0.537 χ^2/NDF : 121460.7/11

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

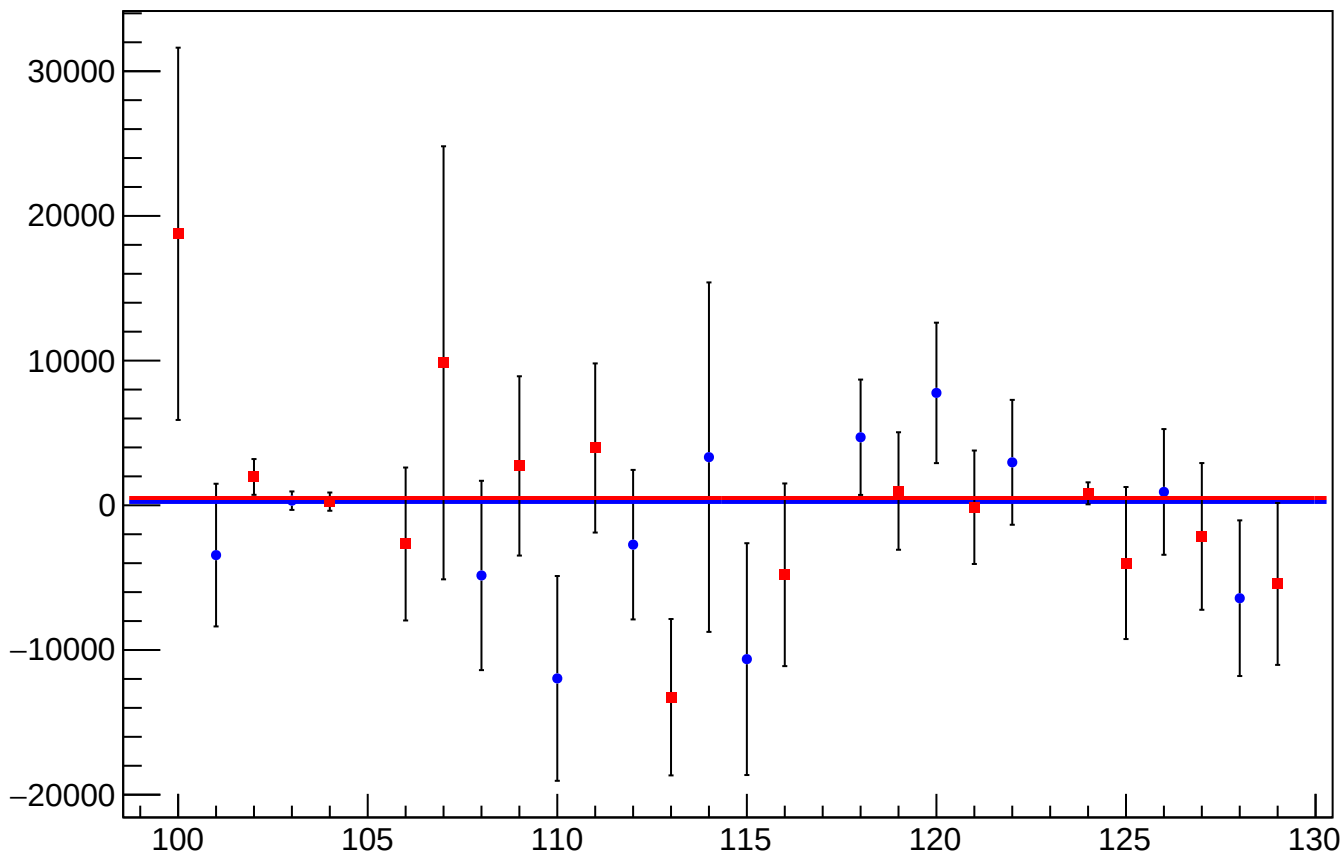
Right: 1703.880+/-0.370 χ^2/NDF : 496395.8/26

In: 1685.835+/-0.537 χ^2/NDF : 121460.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1703.880+/-0.370 χ^2/NDF : 496395.8/26

asym_atl_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 232.455+/-592.225 χ^2/NDF : 12.0/11

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

Right Out: 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

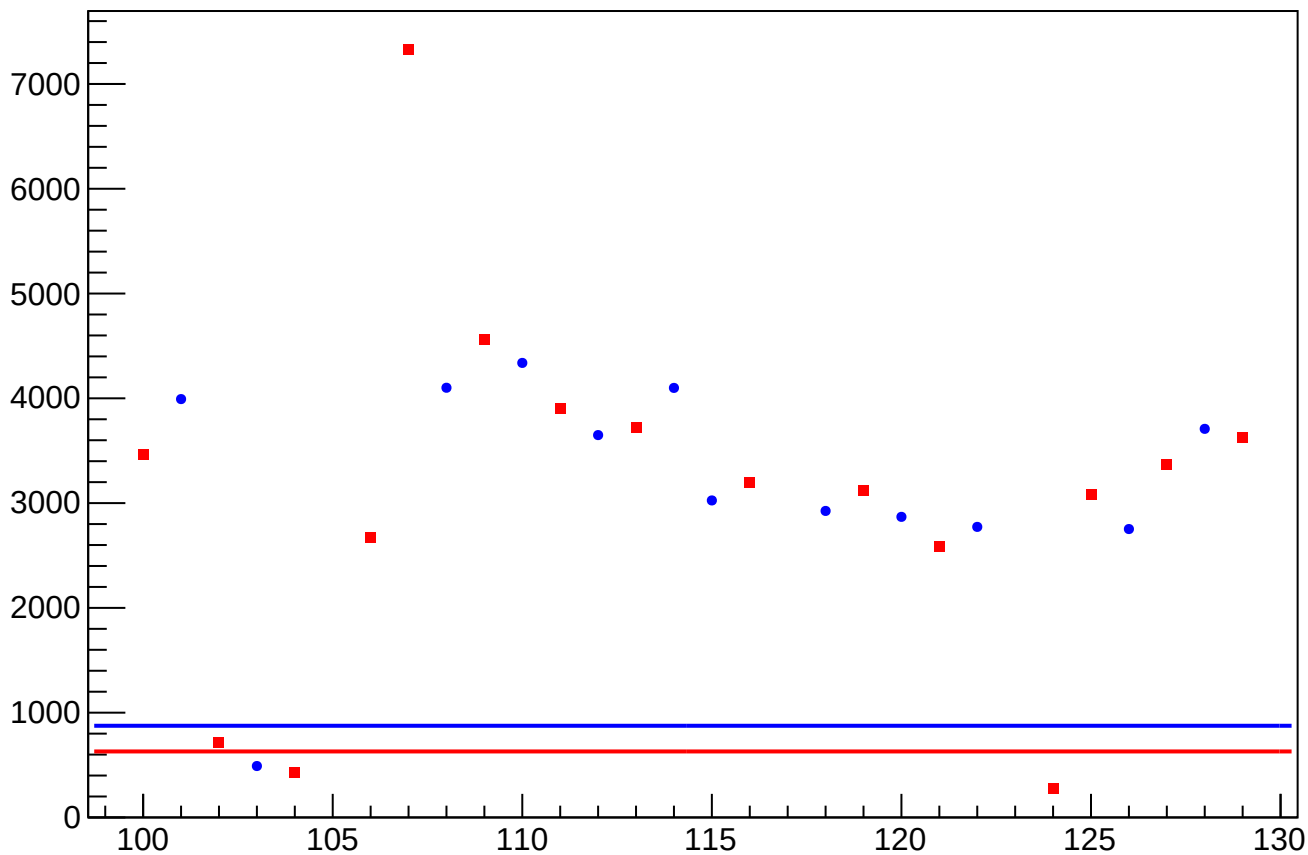
Right: 409.936+/-350.290 χ^2/NDF : 26.5/26

In: 232.455+/-592.225 χ^2/NDF : 12.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 409.936+/-350.290 χ^2/NDF : 26.5/26

asym_atl_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 875.035+/-0.419 χ^2/NDF : 5536978.9/11

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

Right Out: 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

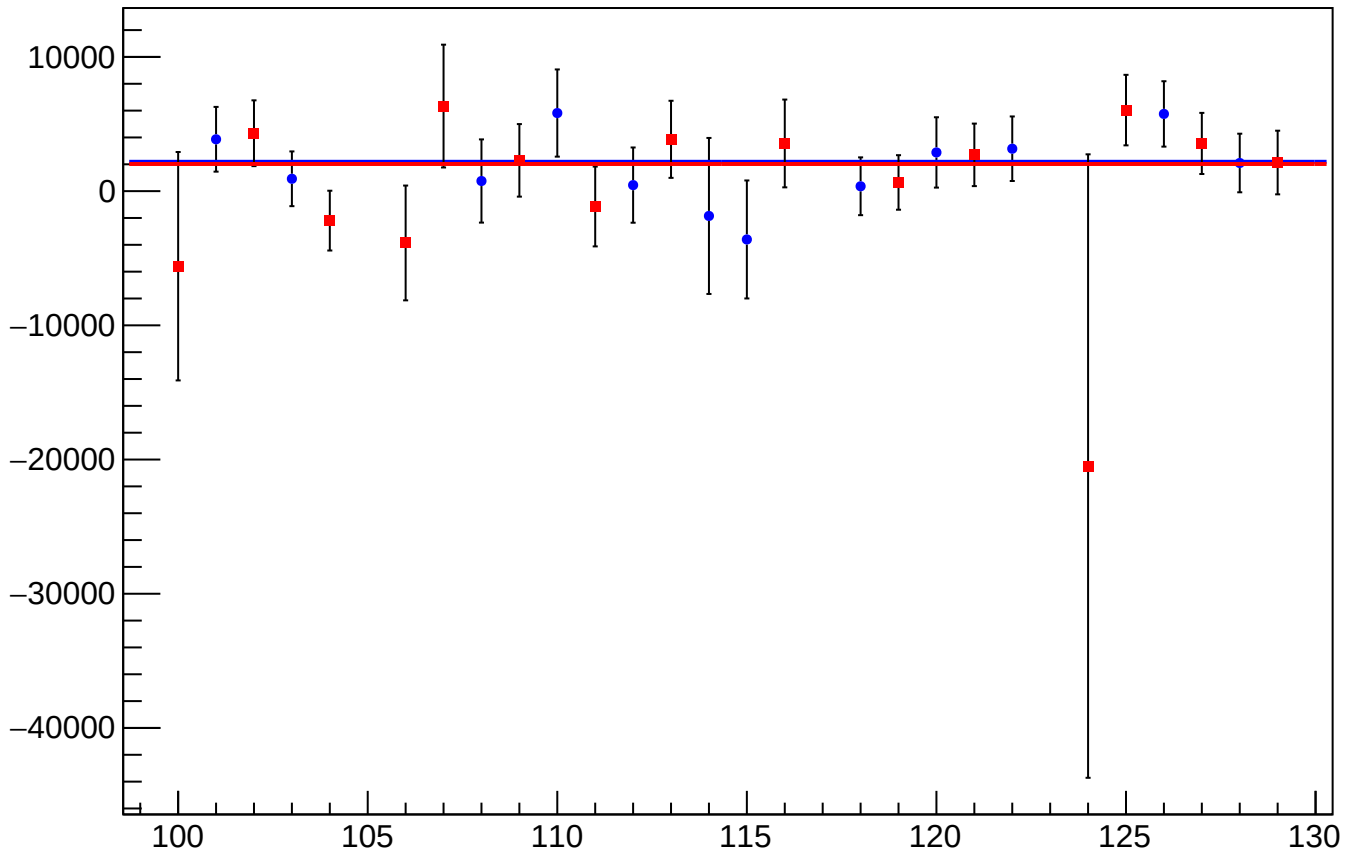
Right: 715.694+/-0.248 χ^2/NDF : 12459507.8/26

In: 875.035+/-0.419 χ^2/NDF : 5536978.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 715.694+/-0.248 χ^2/NDF : 12459507.8/26

eigen_cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2185.327+/-759.834 χ^2/NDF : 8.0/11

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

Right Out: 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

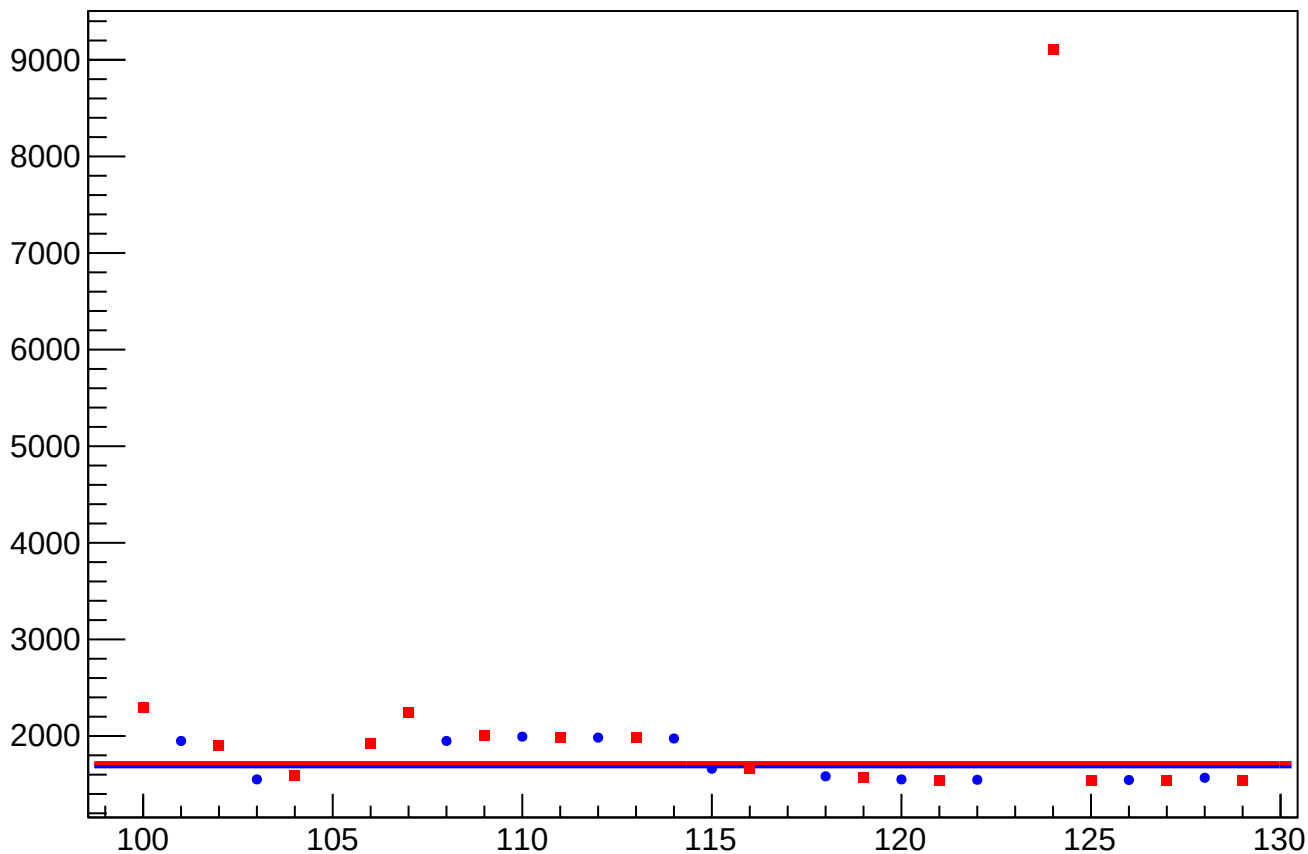
Right: 2101.124+/-525.244 χ^2/NDF : 22.1/26

In: 2185.327+/-759.834 χ^2/NDF : 8.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2101.124+/-525.244 χ^2/NDF : 22.1/26

eigen_cor_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1685.835+/-0.537 χ^2/NDF : 121460.7/11

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

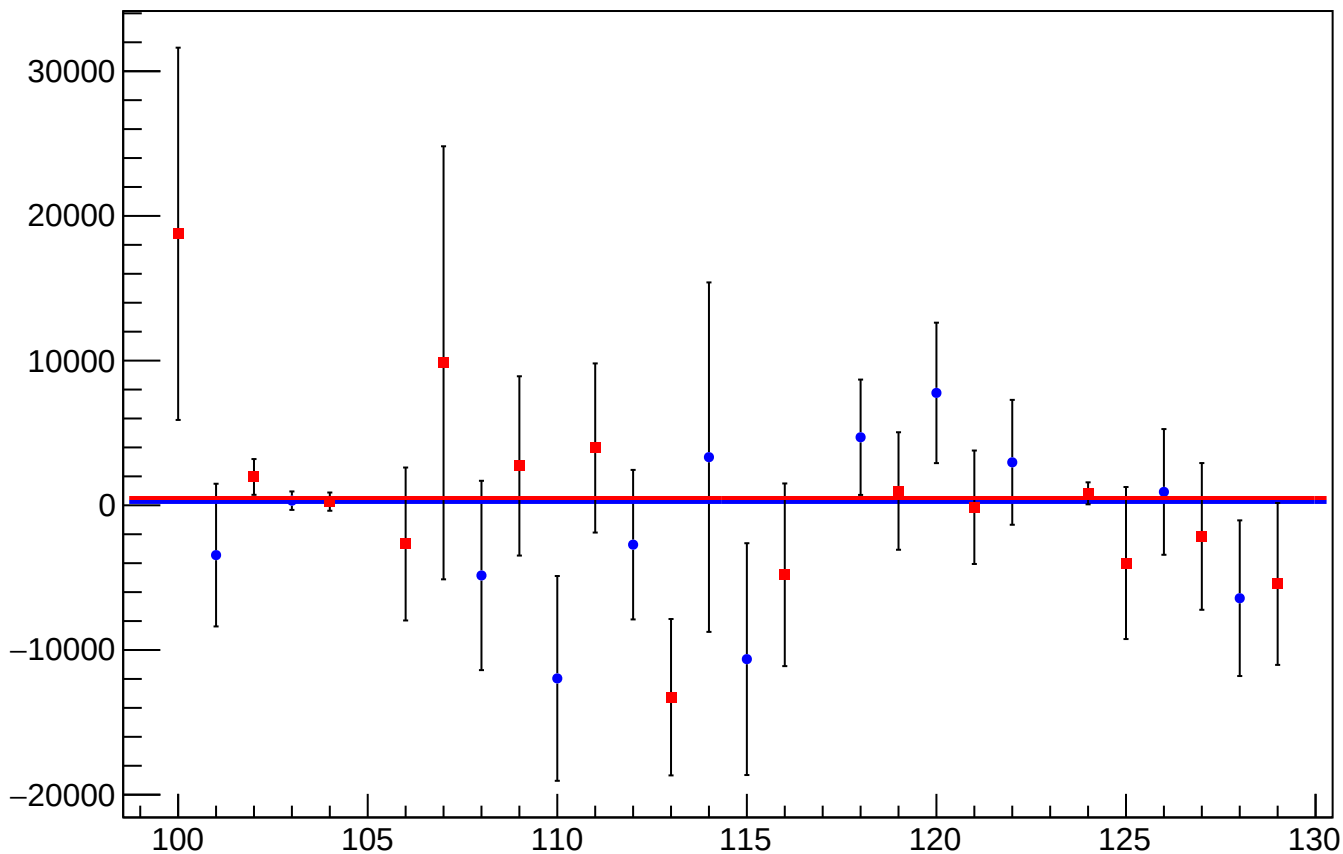
Right: 1703.880+/-0.370 χ^2/NDF : 496395.8/26

In: 1685.835+/-0.537 χ^2/NDF : 121460.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1703.880+/-0.370 χ^2/NDF : 496395.8/26

asym_atl_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 232.455+/-592.225 χ^2/NDF : 12.0/11

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

Right Out: 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

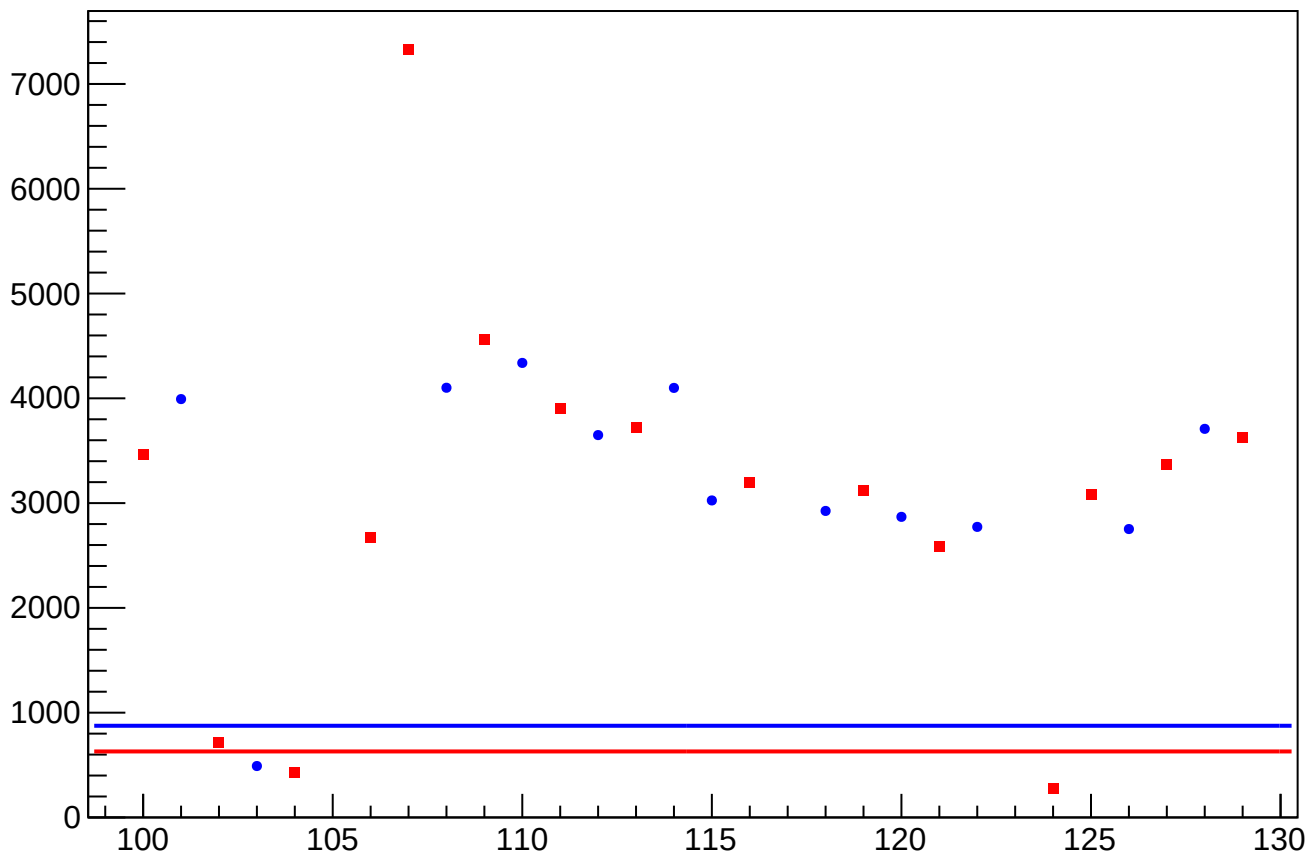
Right: 409.936+/-350.290 χ^2/NDF : 26.5/26

In: 232.455+/-592.225 χ^2/NDF : 12.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 409.936+/-350.290 χ^2/NDF : 26.5/26

asym_atl_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 875.035+/-0.419 χ^2/NDF : 5536978.9/11

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

Right Out: 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

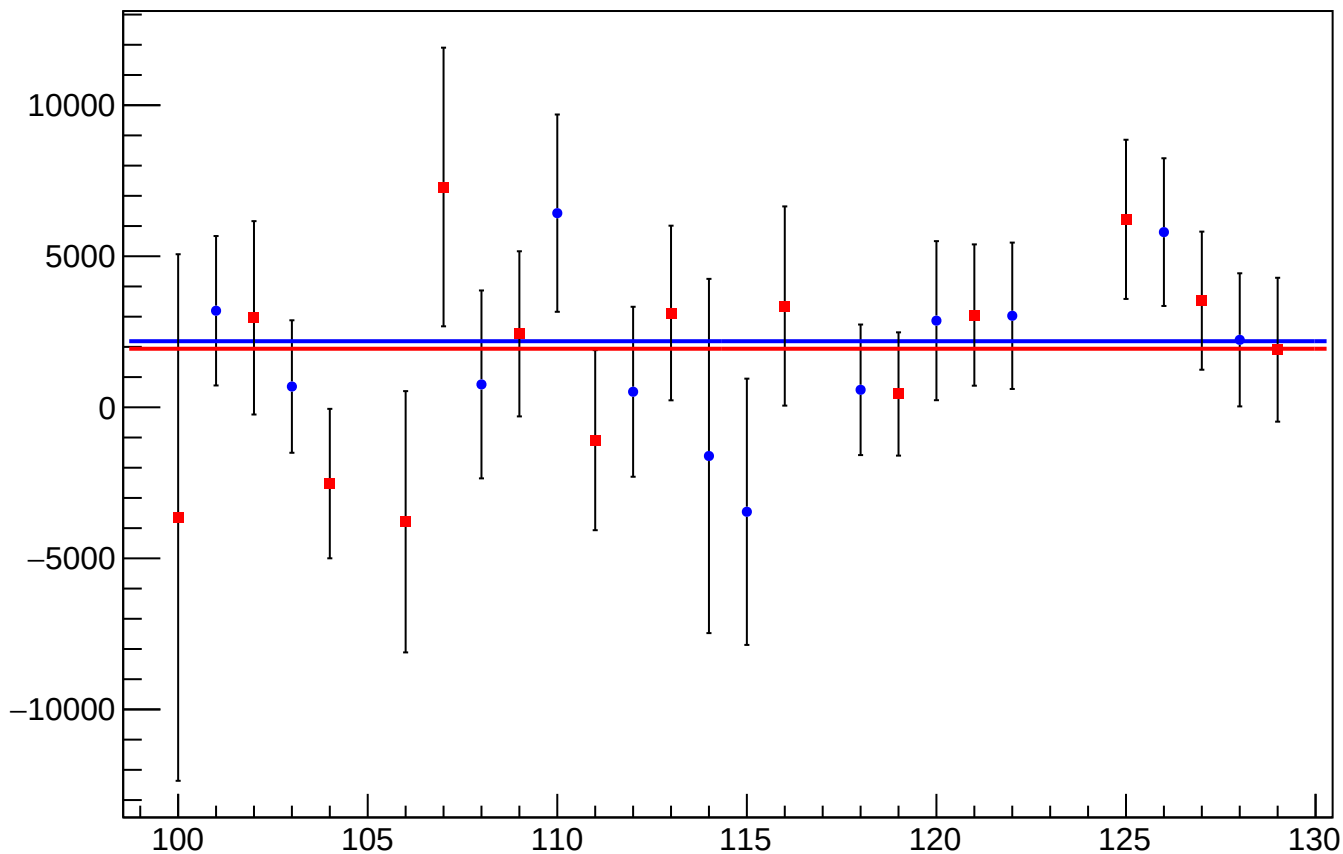
Right: 715.694+/-0.248 χ^2/NDF : 12459507.8/26

In: 875.035+/-0.419 χ^2/NDF :5536978.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 715.694+/-0.248 χ^2/NDF : 12459507.8/26

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2188.058+/-772.032 χ^2/NDF : 7.9/11

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

Right Out: 1938.344+/-752.120 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

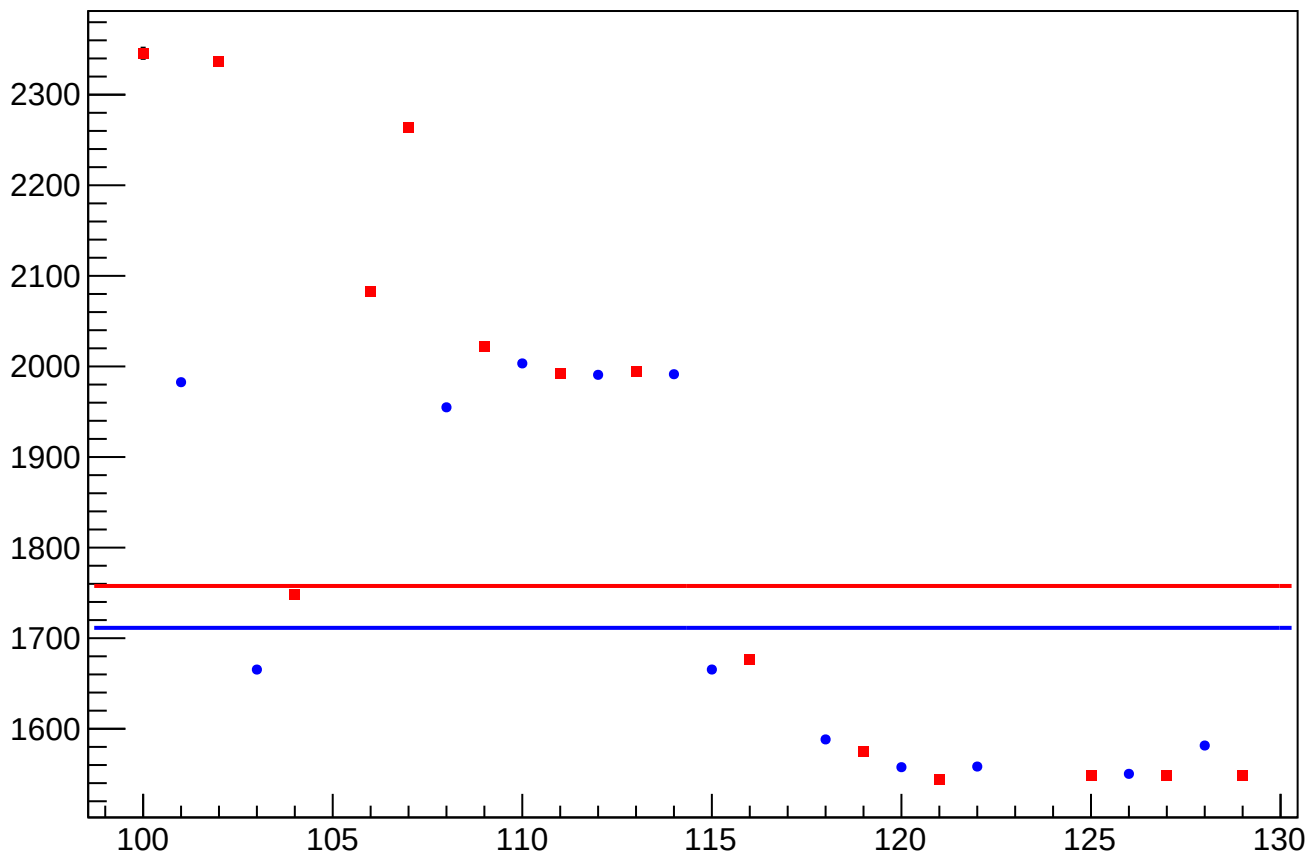
Right: 2059.939+/-538.731 χ^2/NDF : 20.1/25

In: 2188.058+/-772.032 χ^2/NDF : 7.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2059.939+/-538.731 χ^2/NDF : 20.1/25

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1711.424+/-0.546 χ^2/NDF : 114622.7/11

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

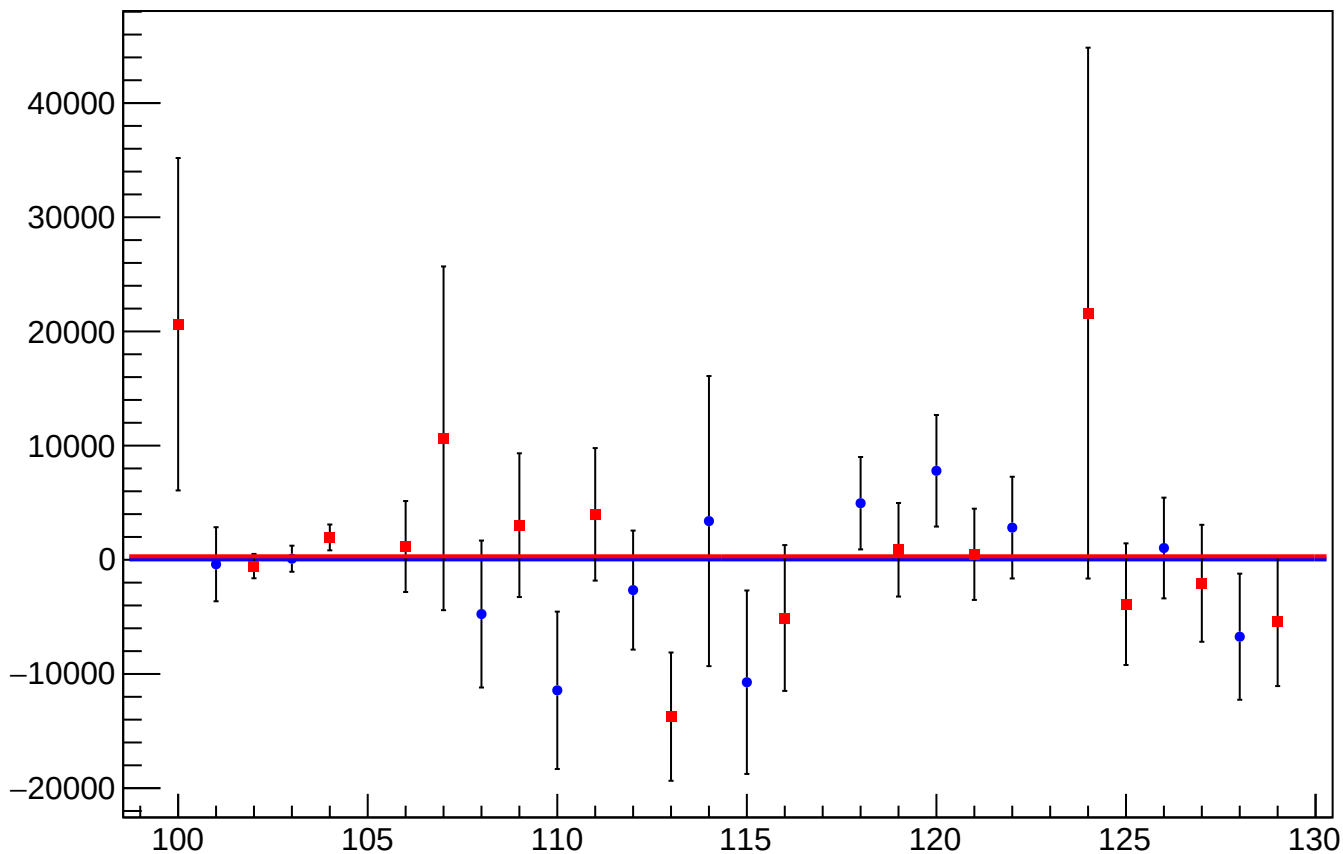
Right: 1735.216+/-0.380 χ^2/NDF : 353825.5/25

In: 1711.424+/-0.546 χ^2/NDF : 114622.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1735.216+/-0.380 χ^2/NDF : 353825.5/25

asym_atl_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 33.347+/-911.333 χ^2/NDF : 11.4/11

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

Right Out: 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

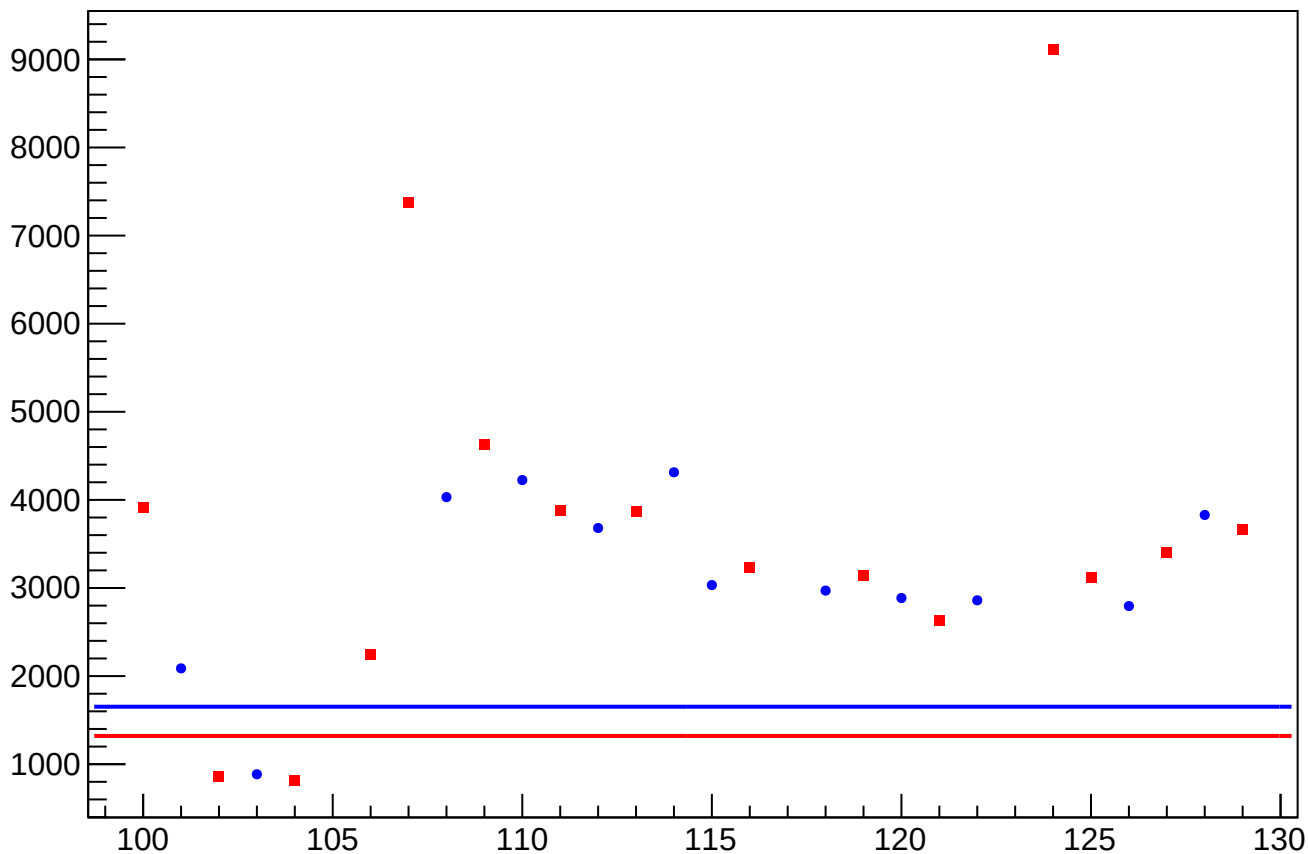
Right: 206.114+/-552.300 χ^2/NDF : 27.0/26

In: 33.347+/-911.333 χ^2/NDF : 11.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 206.114+/-552.300 χ^2/NDF : 27.0/26

asym_atl_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1652.410+/-0.644 χ^2/NDF : 2872131.3/11

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

Right Out: 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

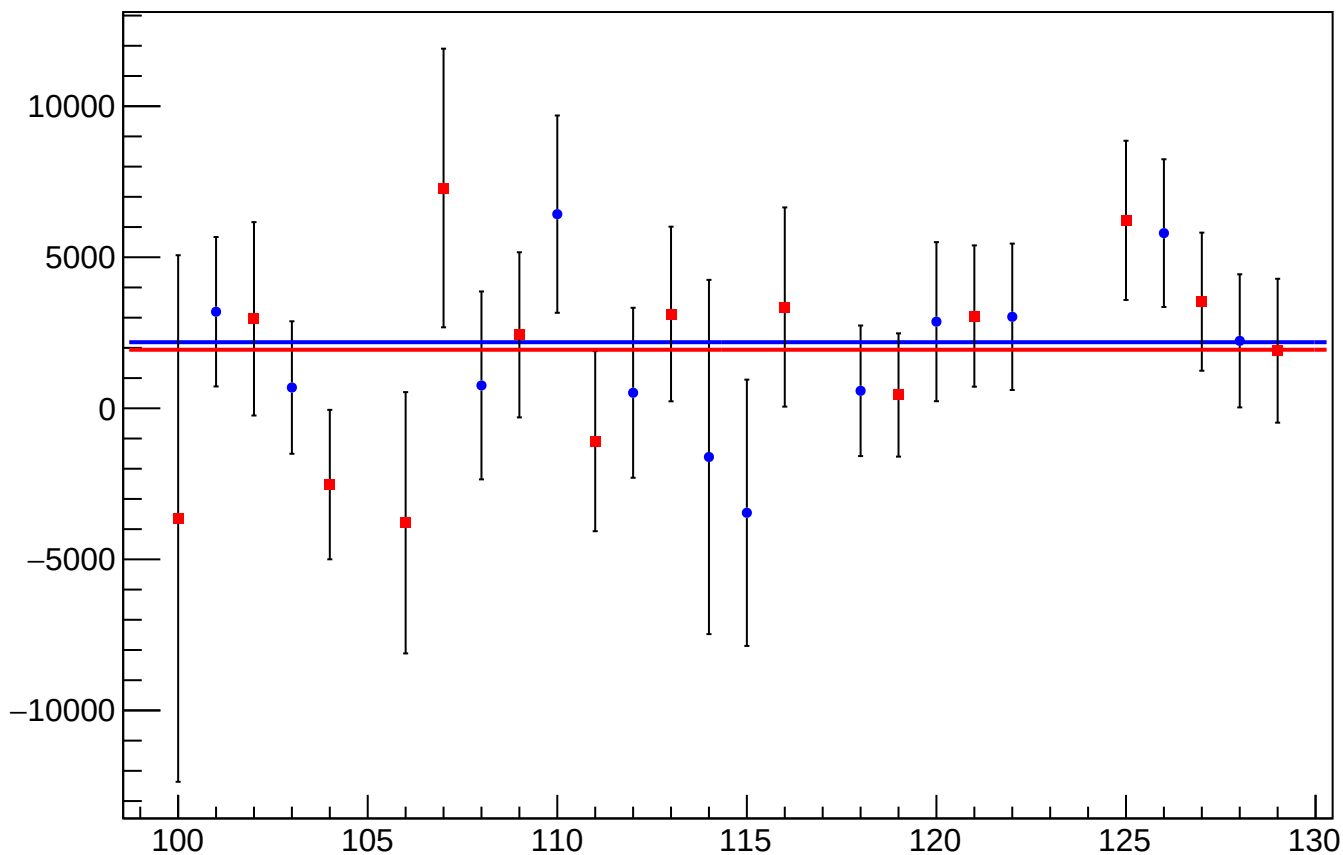
Right: 1442.578+/-0.391 χ^2/NDF : 7590254.5/26

In: 1652.410+/-0.644 χ^2/NDF : 2872131.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1442.578+/-0.391 χ^2/NDF : 7590254.5/26

eigen_dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2188.060+/-772.032 χ^2/NDF : 7.9/11

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

Right Out: 1938.345+/-752.119 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

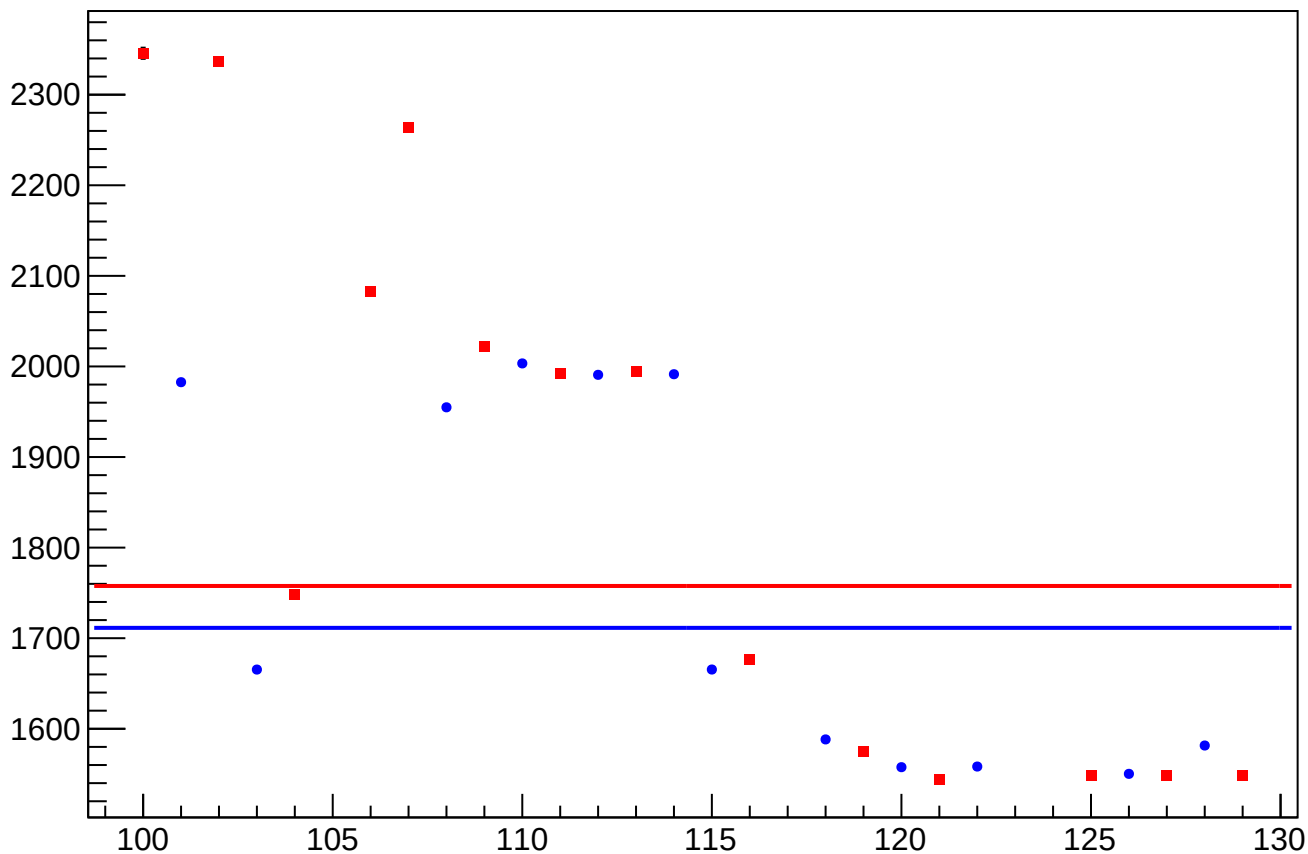
Right: 2059.941+/-538.731 χ^2/NDF : 20.1/25

In: 2188.060+/-772.032 χ^2/NDF : 7.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2059.941+/-538.731 χ^2/NDF : 20.1/25

eigen_dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1711.424+/-0.546 χ^2/NDF : 114622.9/11

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

Right Out: 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

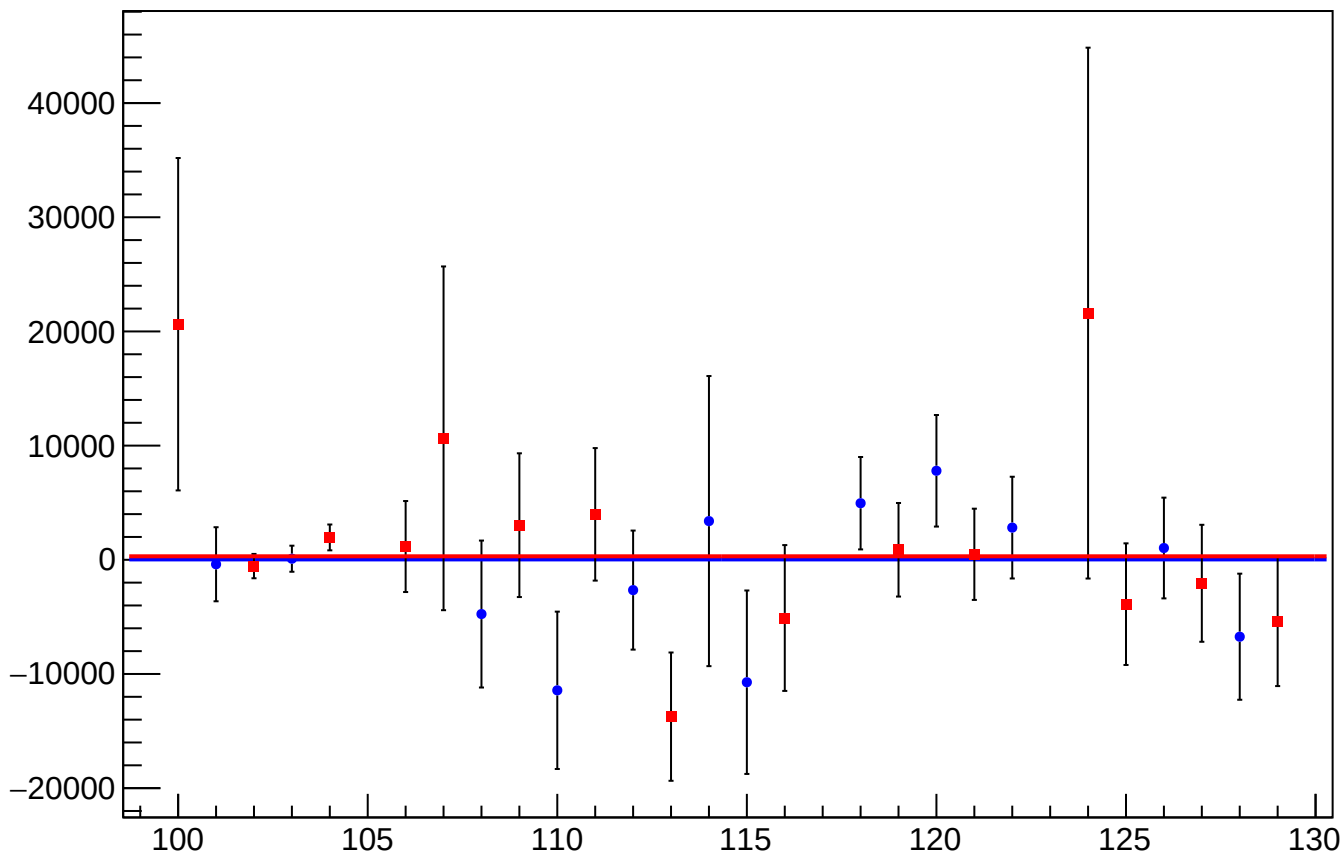
Right: 1735.216+/-0.380 χ^2/NDF : 353825.3/25

In: 1711.424+/-0.546 χ^2/NDF : 114622.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1735.216+/-0.380 χ^2/NDF : 353825.3/25

asym_atl_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 33.350+/-911.327 χ^2/NDF : 11.4/11

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

Right Out: 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

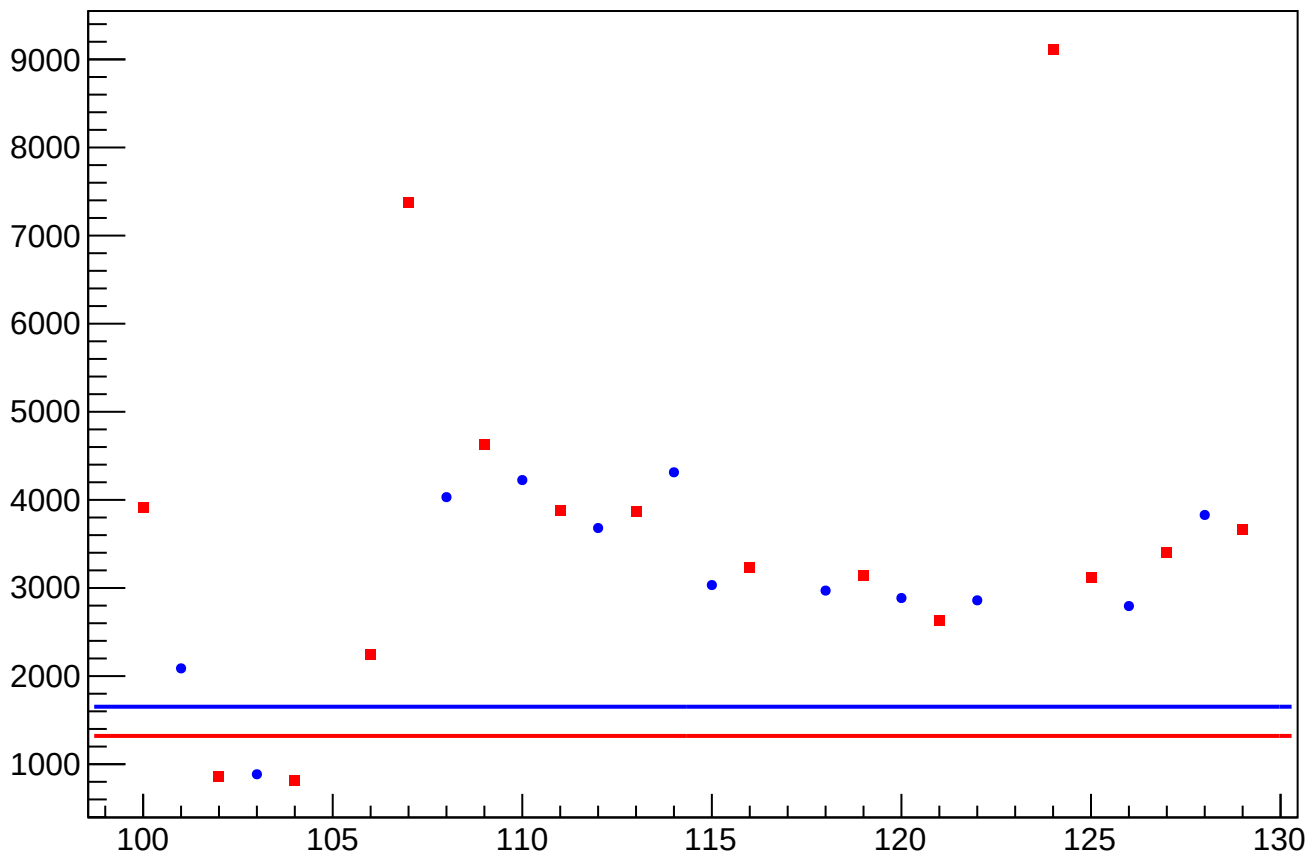
Right: 206.115+/-552.296 χ^2/NDF : 27.0/26

In: 33.350+/-911.327 χ^2/NDF : 11.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 206.115+/-552.296 χ^2/NDF : 27.0/26

asym_atl_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1652.395+/-0.644 χ^2/NDF : 2872149.7/11

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

Right Out: 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

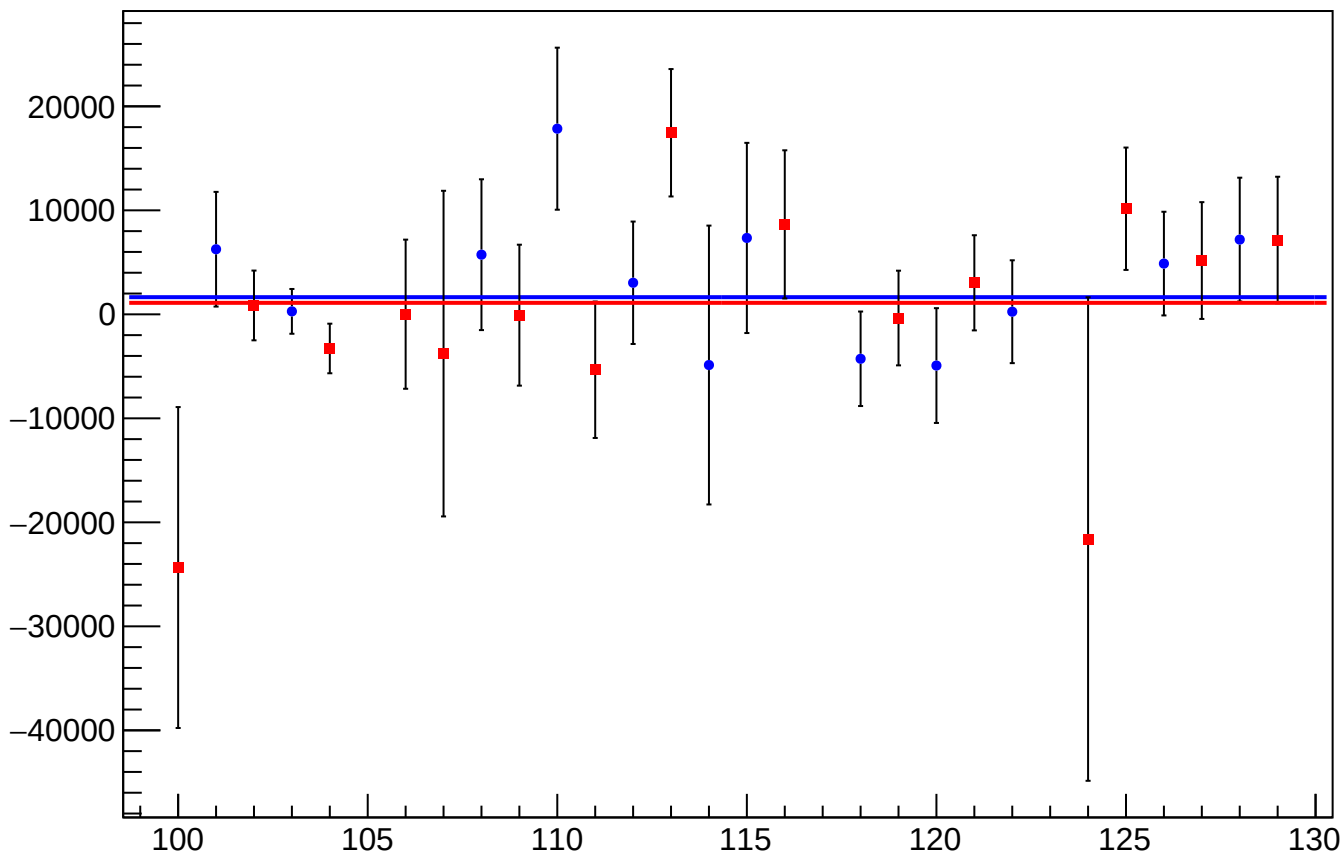
Right: 1442.565+/-0.391 χ^2/NDF : 7590296.7/26

In: 1652.395+/-0.644 χ^2/NDF : 2872149.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1442.565+/-0.391 χ^2/NDF : 7590296.7/26

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1649.867+/-1385.204 χ^2/NDF : 10.9/11

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

Right Out: 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

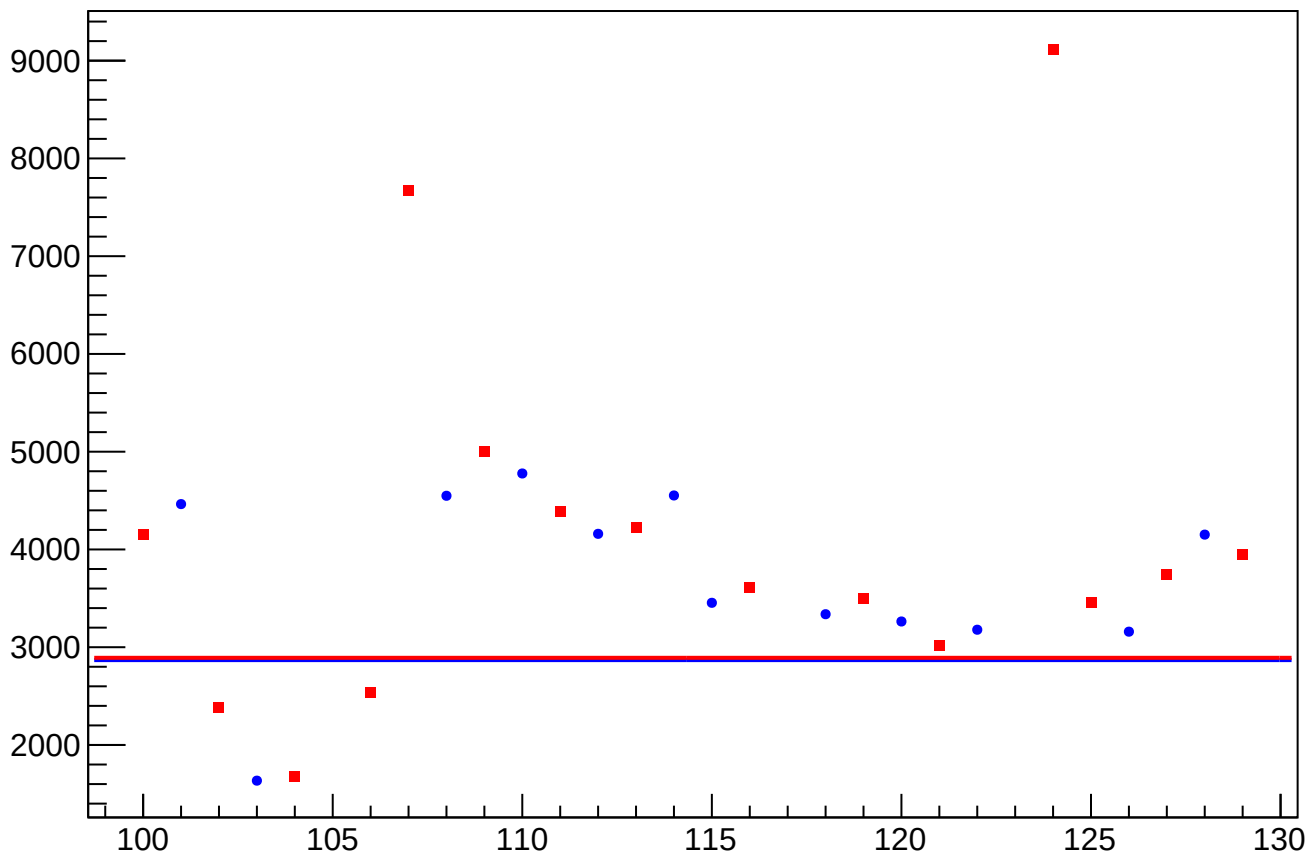
Right: 1365.831+/-957.551 χ^2/NDF : 31.6/26

In: 1649.867+/-1385.204 χ^2/NDF : 10.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1365.831+/-957.551 χ^2/NDF : 31.6/26

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 2868.040+/-0.979 χ^2/NDF : 1326620.3/11

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

Right Out: 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

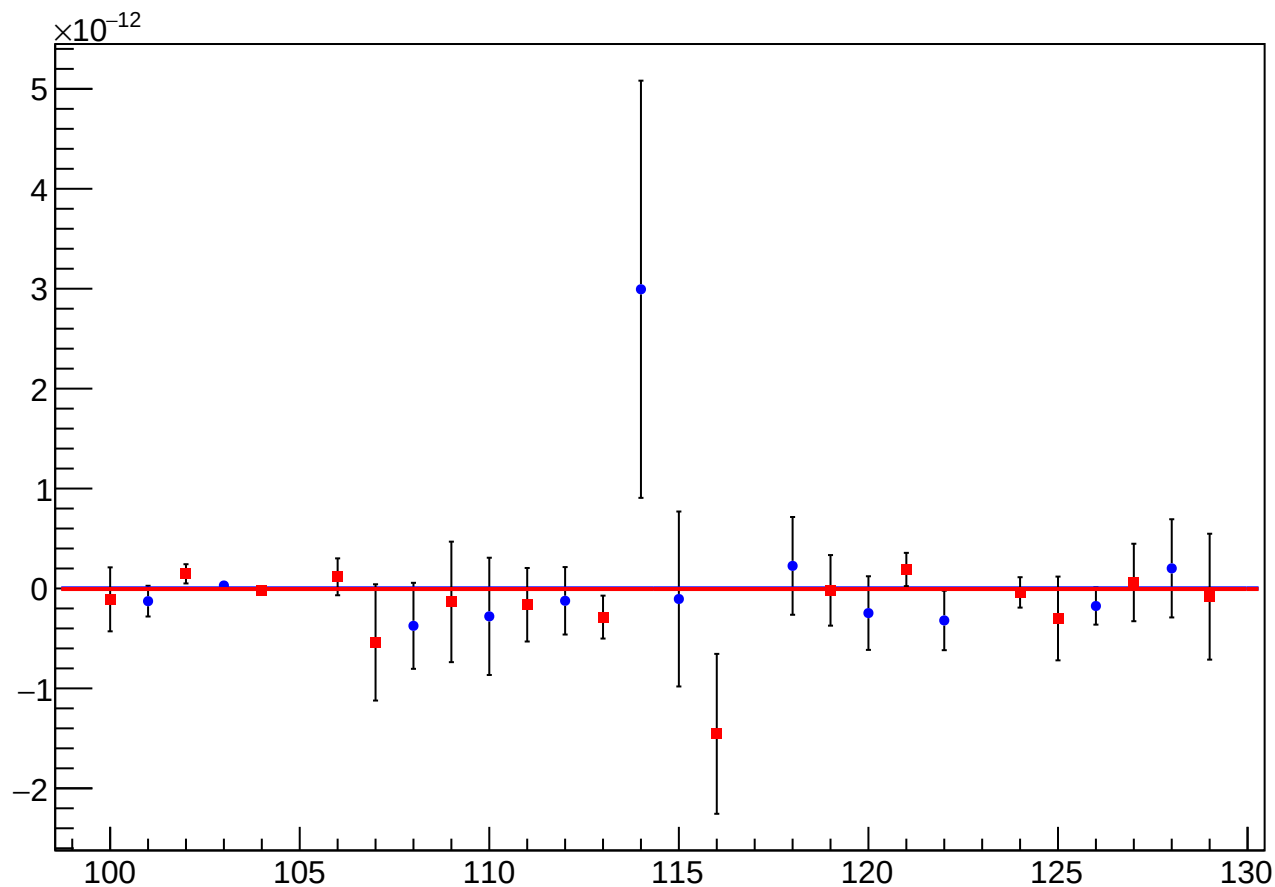
Right: 2880.581+/-0.671 χ^2/NDF : 2822072.2/26

In: 2868.040+/-0.979 χ^2/NDF : 1326620.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2880.581+/-0.671 χ^2/NDF : 2822072.2/26

asym_atl_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.3/11

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

Right Out: -0.000+/-0.000 χ^2/NDF : 11.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

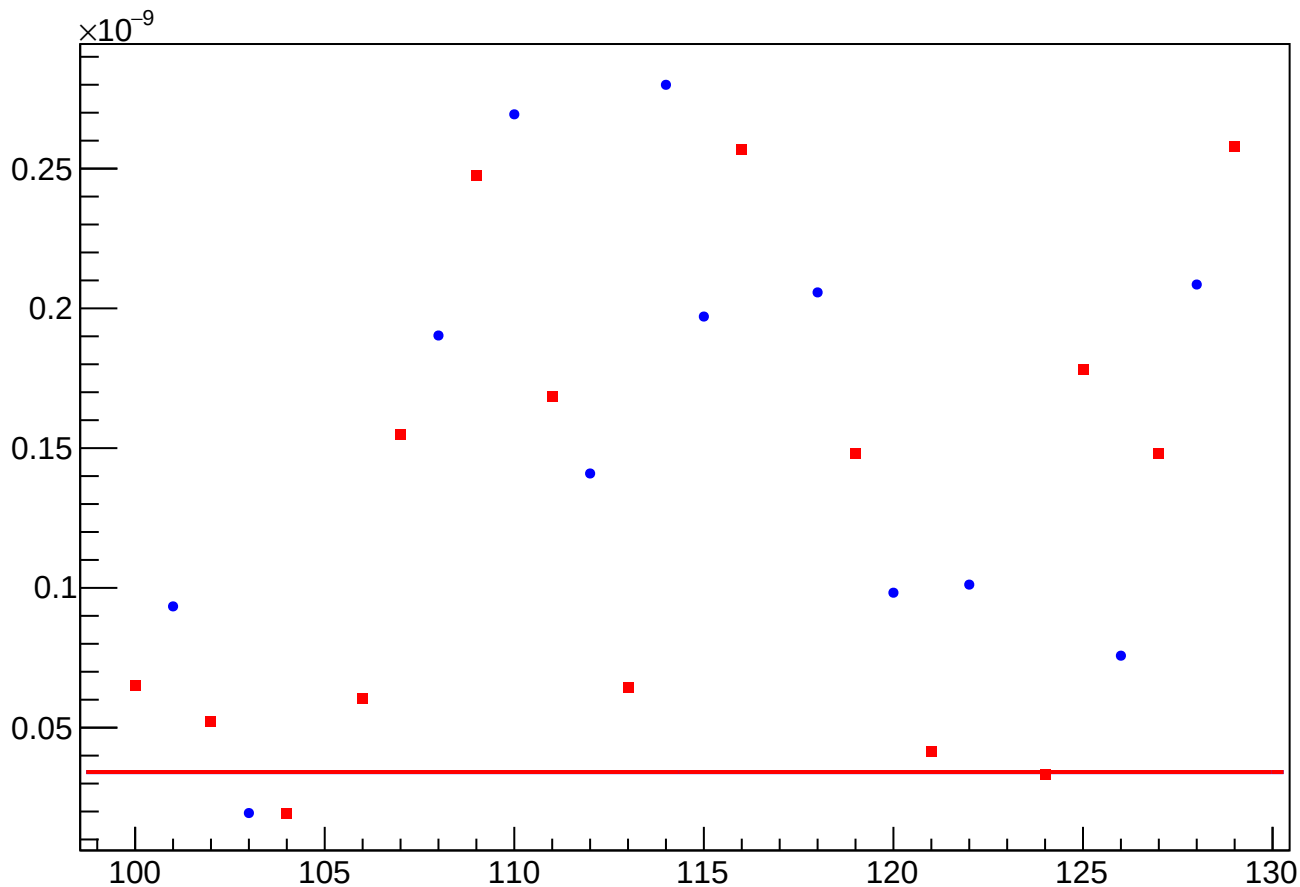
Right: -0.000+/-0.000 χ^2/NDF : 18.6/26

In: 0.000+/-0.000 χ^2/NDF : 7.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.6/26

asym_atl_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2206911.5/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 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

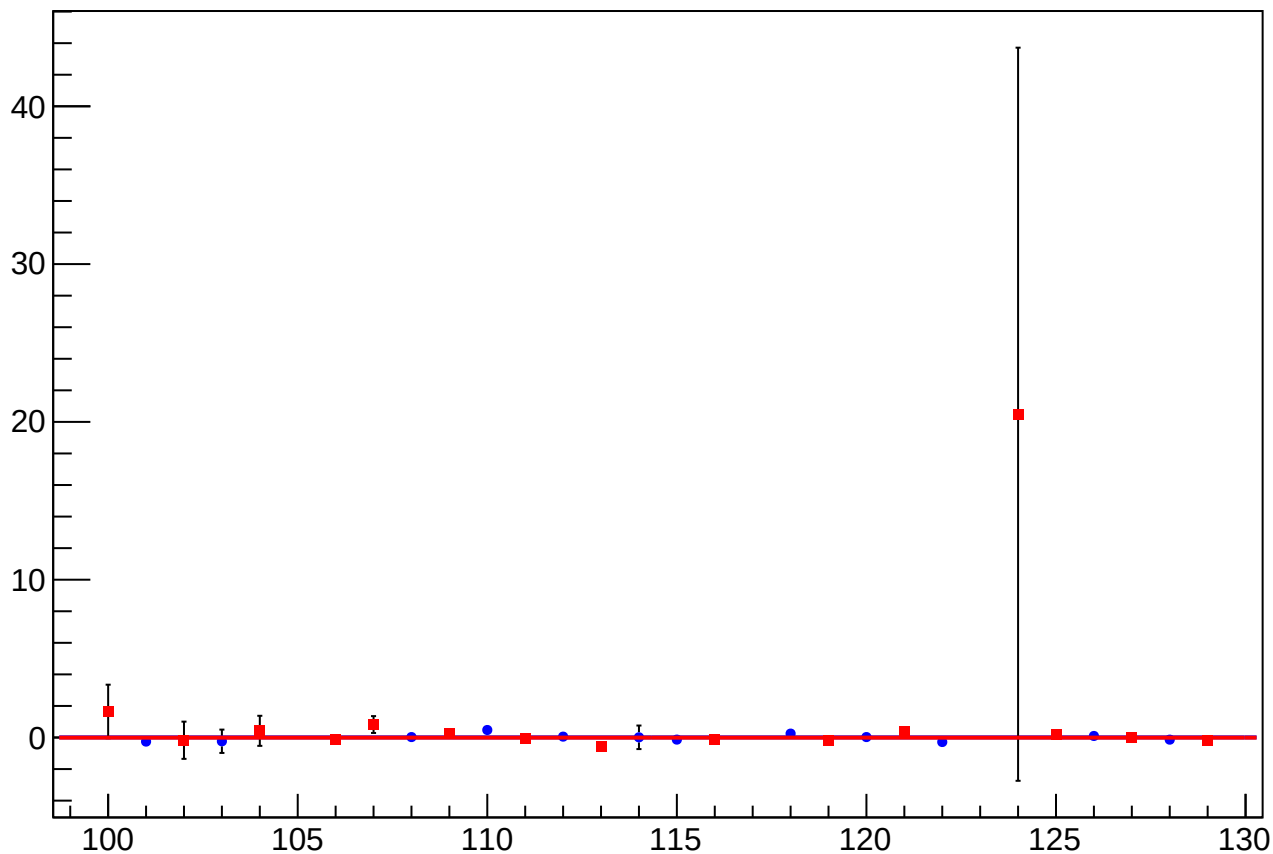
Right: 0.000+/-0.000 χ^2/NDF : 4285096.5/26

In: 0.000+/-0.000 χ^2/NDF : 2206911.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4285096.5/26

asym_atl_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008+/-0.066 χ^2/NDF : 9.6/11

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

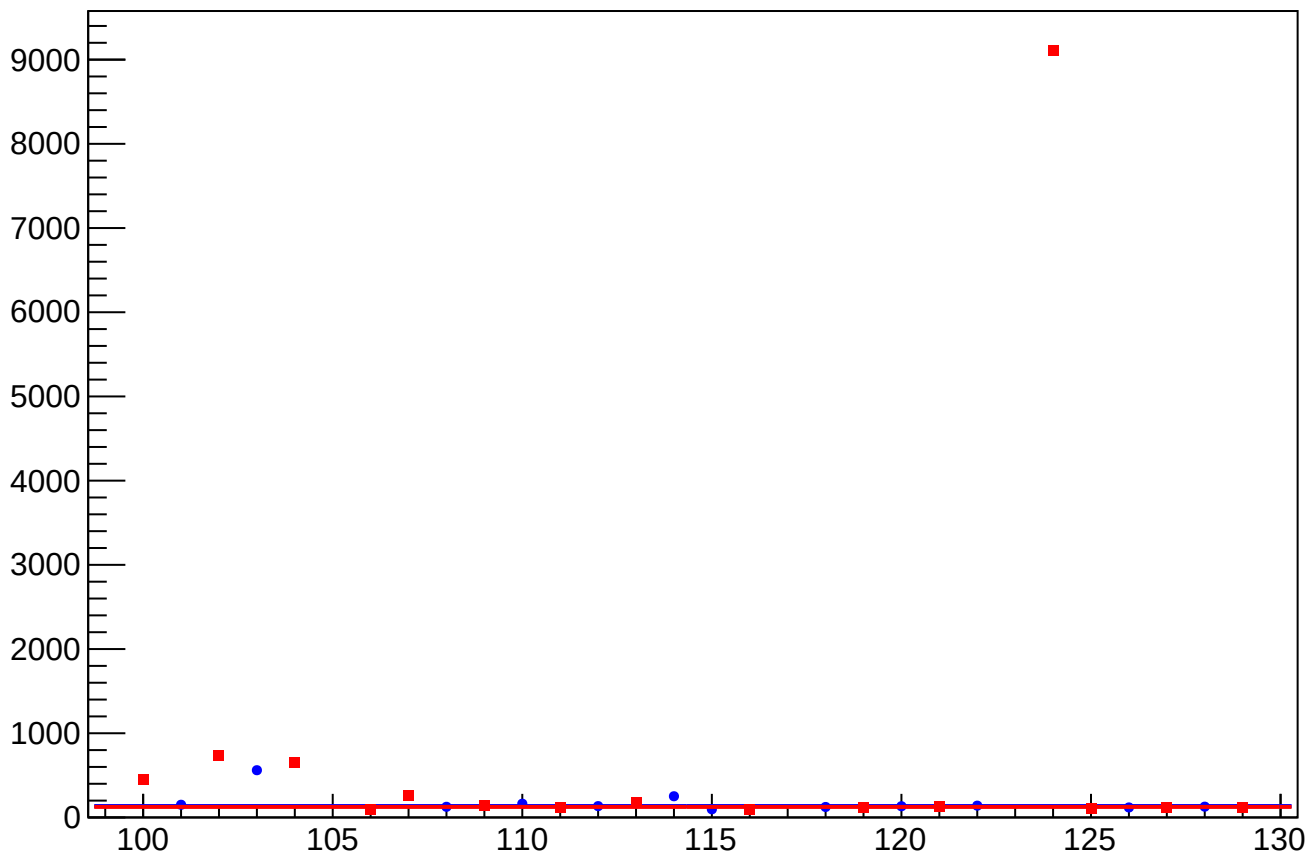
Right: -0.001+/-0.044 χ^2/NDF : 29.2/26

In: 0.008+/-0.066 χ^2/NDF : 9.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.044 χ^2/NDF : 29.2/26

asym_atl_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 135.480+/-0.046 χ^2/NDF : 816176.6/11

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

Right Out: 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

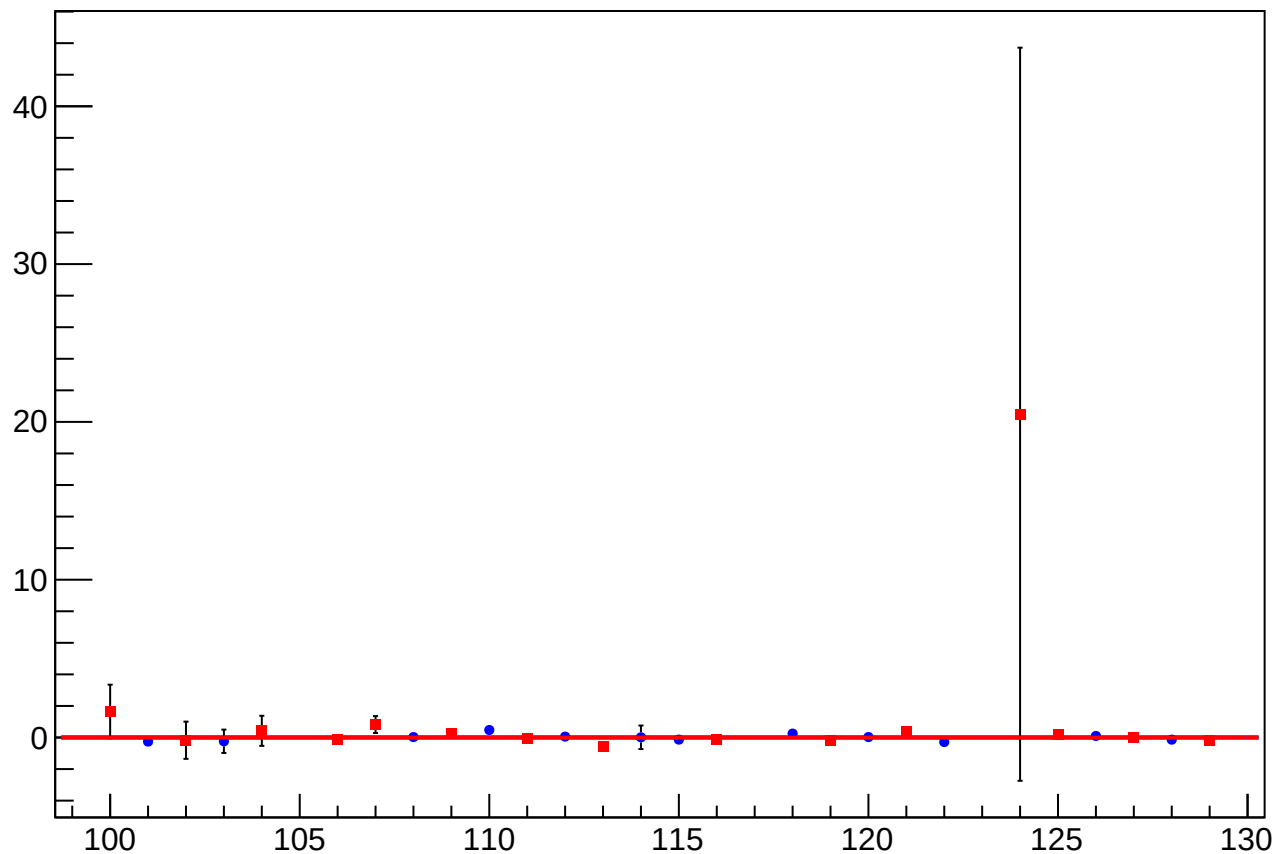
Right: 129.944+/-0.031 χ^2/NDF : 2683339.2/26

In: 135.480+/-0.046 χ^2/NDF : 816176.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.944+/-0.031 χ^2/NDF : 2683339.2/26

asym_atl_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008+/-0.066 χ^2/NDF : 9.6/11

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

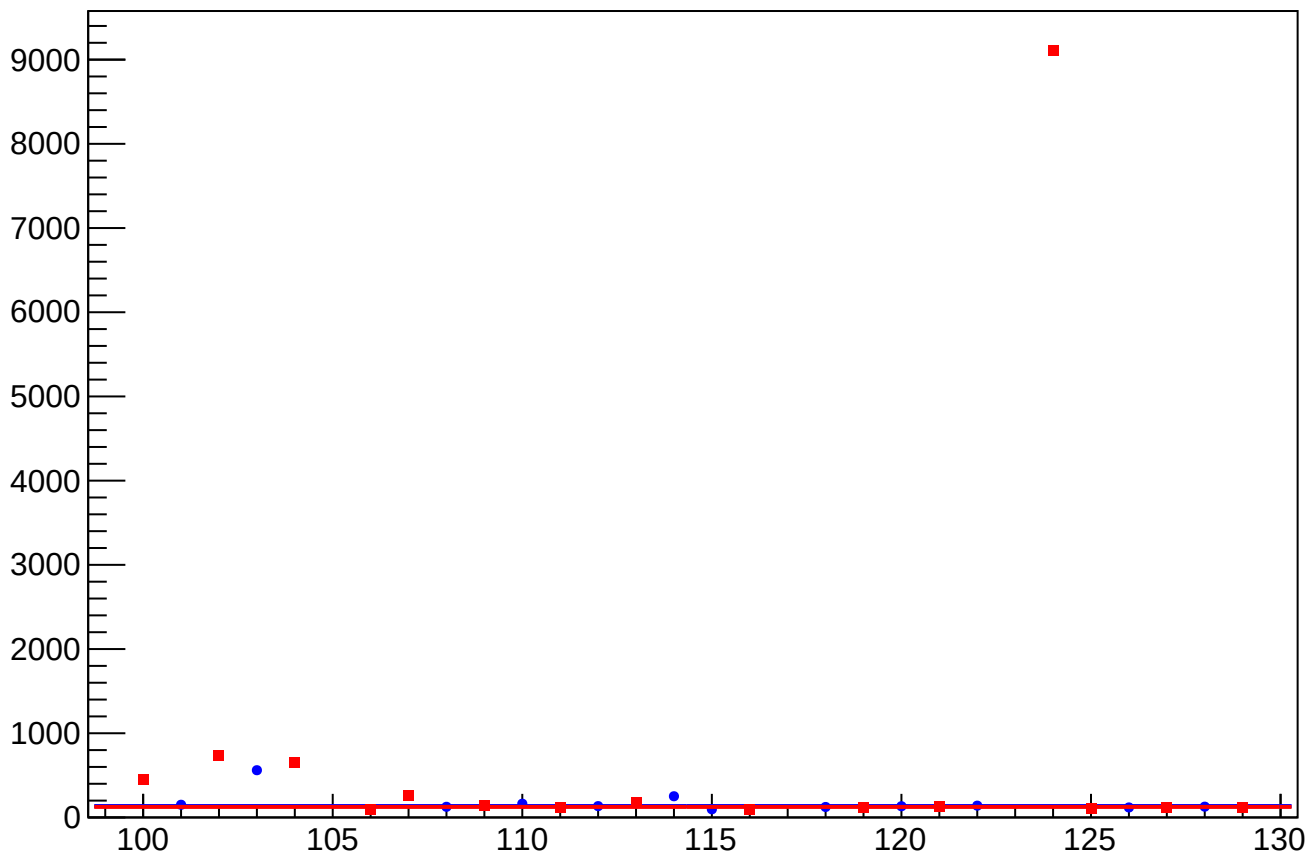
Right: -0.001+/-0.044 χ^2/NDF : 29.2/26

In: 0.008+/-0.066 χ^2/NDF : 9.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.044 χ^2/NDF : 29.2/26

asym_atl_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 135.480+/-0.046 χ^2/NDF : 816176.6/11

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

Right Out: 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

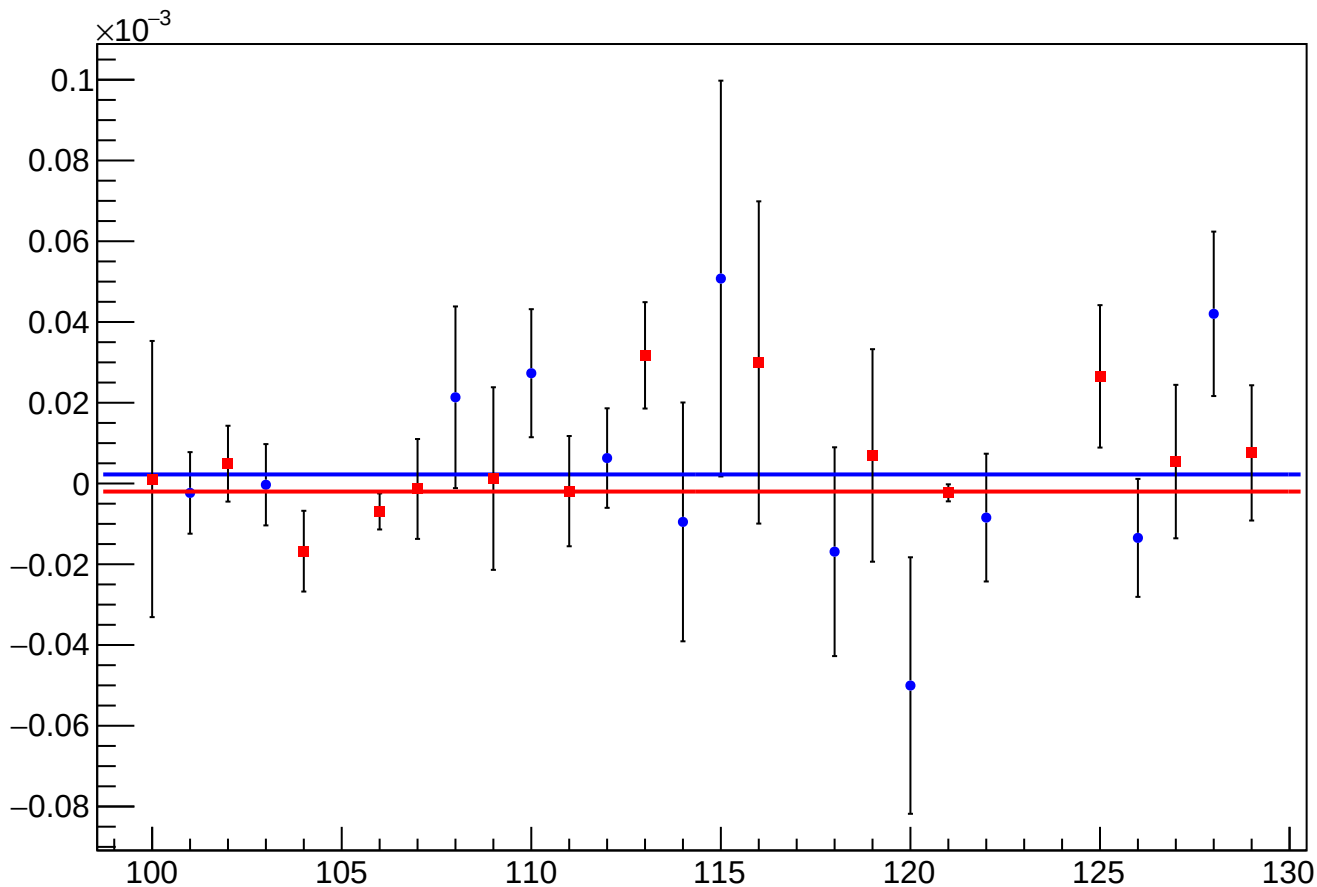
Right: 129.944+/-0.031 χ^2/NDF : 2683339.2/26

In: 135.480+/-0.046 χ^2/NDF : 816176.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.944+/-0.031 χ^2/NDF : 2683339.2/26

asym_atl_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.4/11

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

Right Out: -0.000+/-0.000 χ^2/NDF : 14.4/13

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

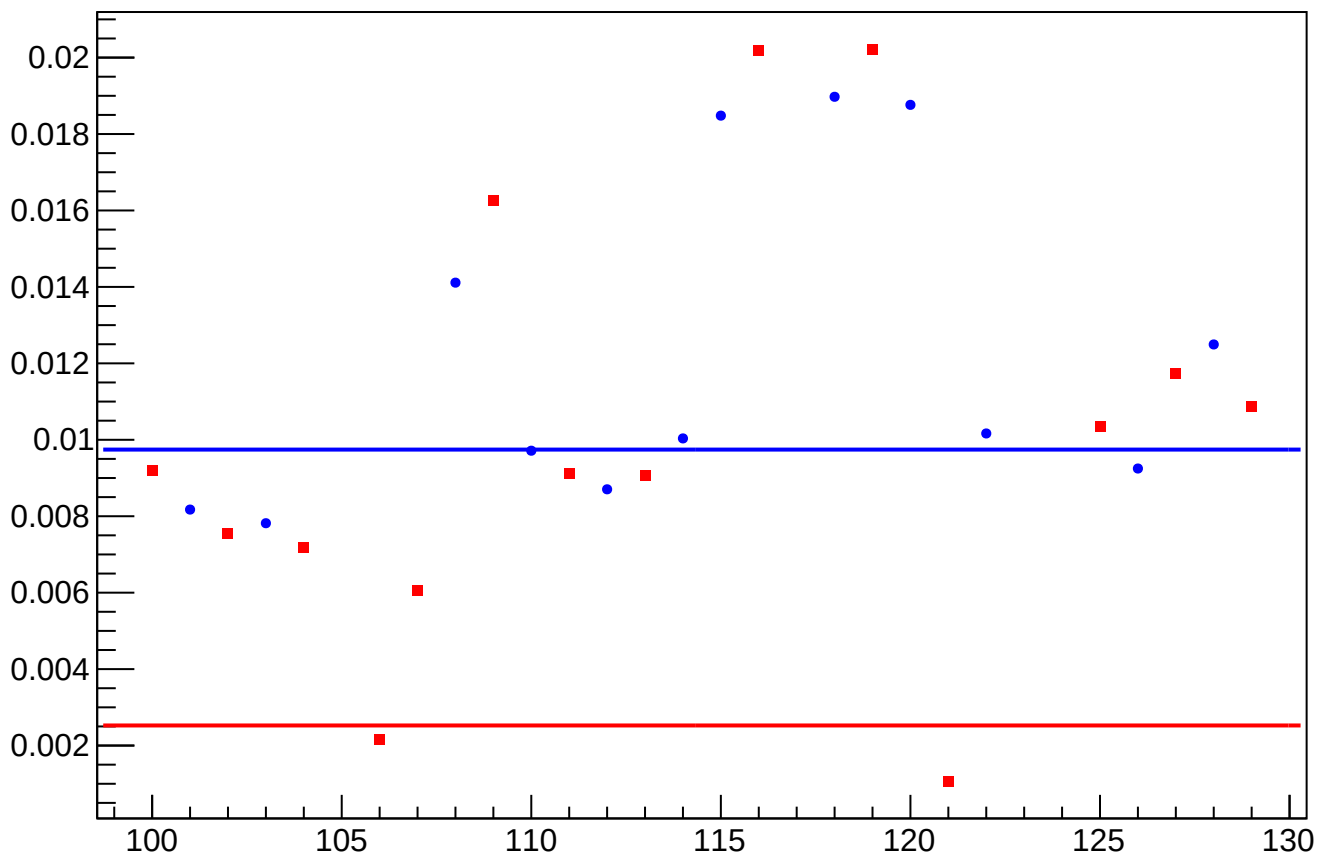
Right: -0.000+/-0.000 χ^2/NDF : 28.6/25

In: 0.000+/-0.000 χ^2/NDF : 13.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.6/25

asym_atl_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 731145.3/11

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

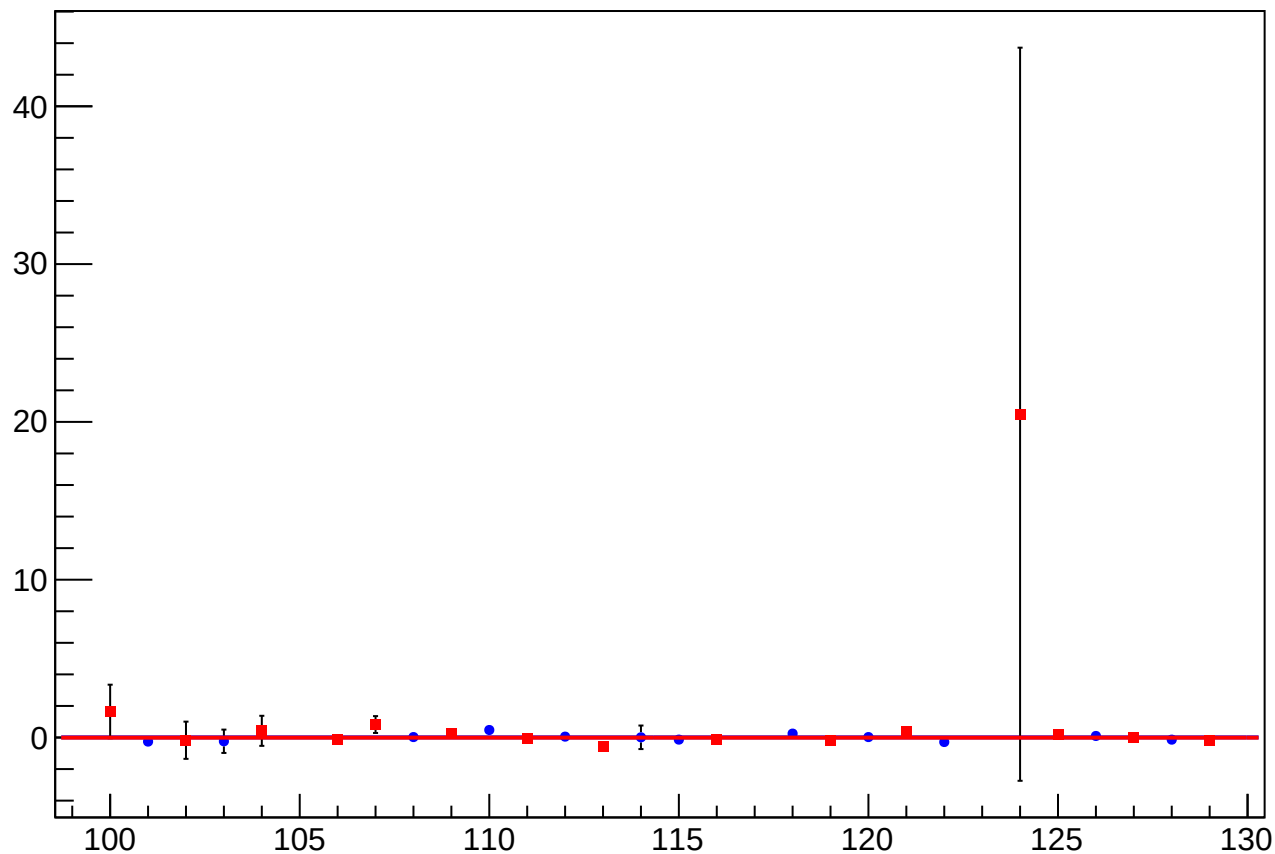
Right: 0.003+/-0.000 χ^2/NDF : 11628574.0/25

In: 0.010+/-0.000 χ^2/NDF :731145.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 11628574.0/25

asym_atl_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008+/-0.066 χ^2/NDF : 9.6/11

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

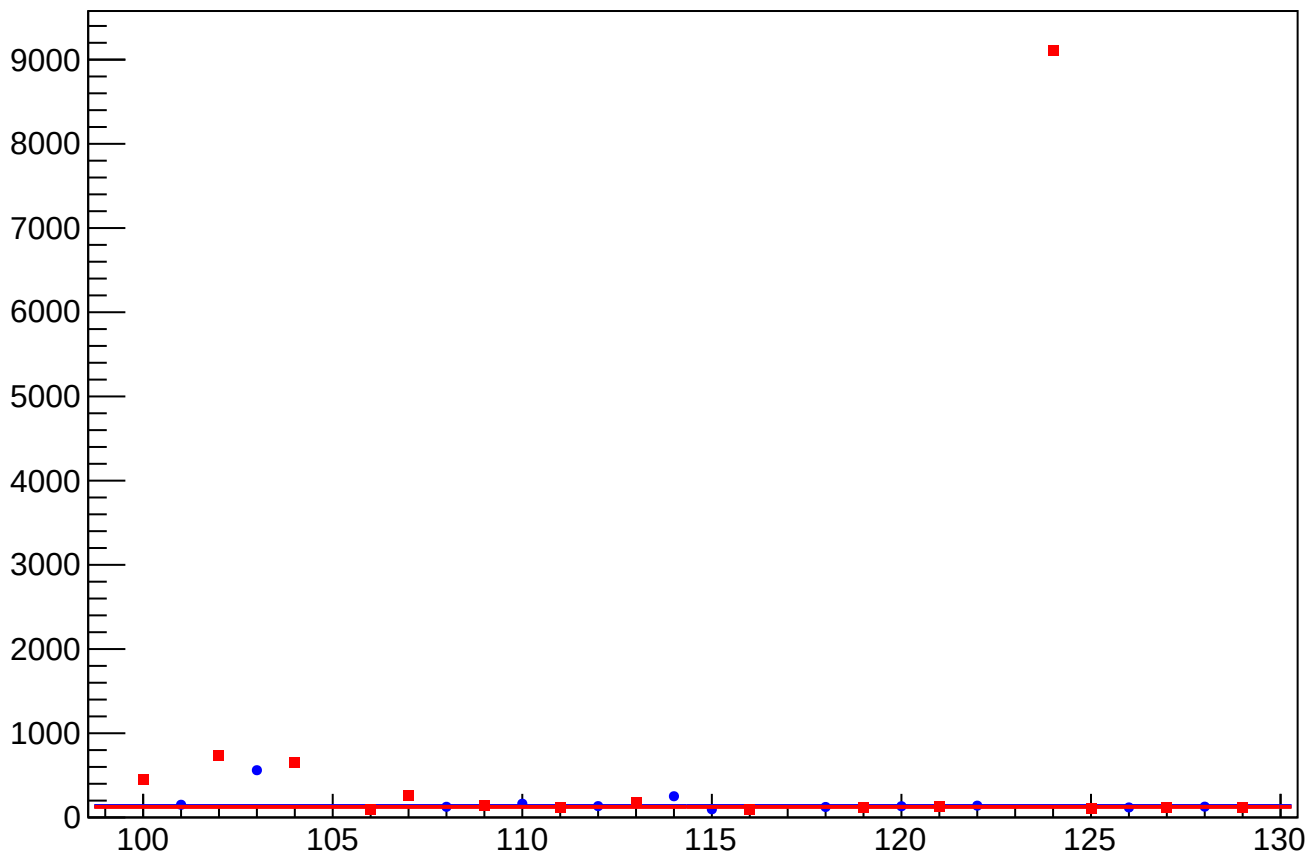
Right: -0.001+/-0.044 χ^2/NDF : 29.2/26

In: 0.008+/-0.066 χ^2/NDF : 9.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.044 χ^2/NDF : 29.2/26

asym_atl_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 135.479+/-0.046 χ^2/NDF : 816183.0/11

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

Right Out: 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

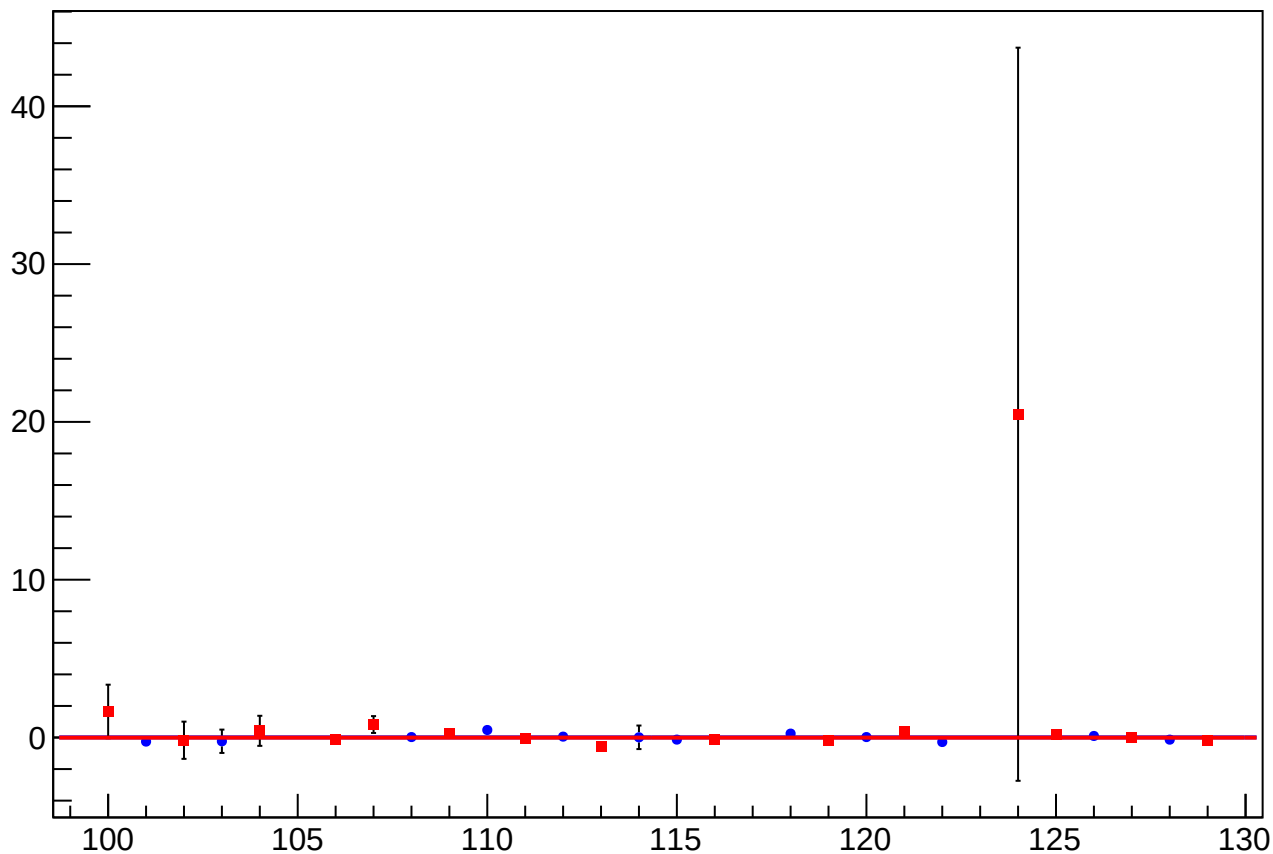
Right: 129.943+/-0.031 χ^2/NDF : 2683319.0/26

In: 135.479+/-0.046 χ^2/NDF : 816183.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.943+/-0.031 χ^2/NDF : 2683319.0/26

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008+/-0.066 χ^2/NDF : 9.6/11

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

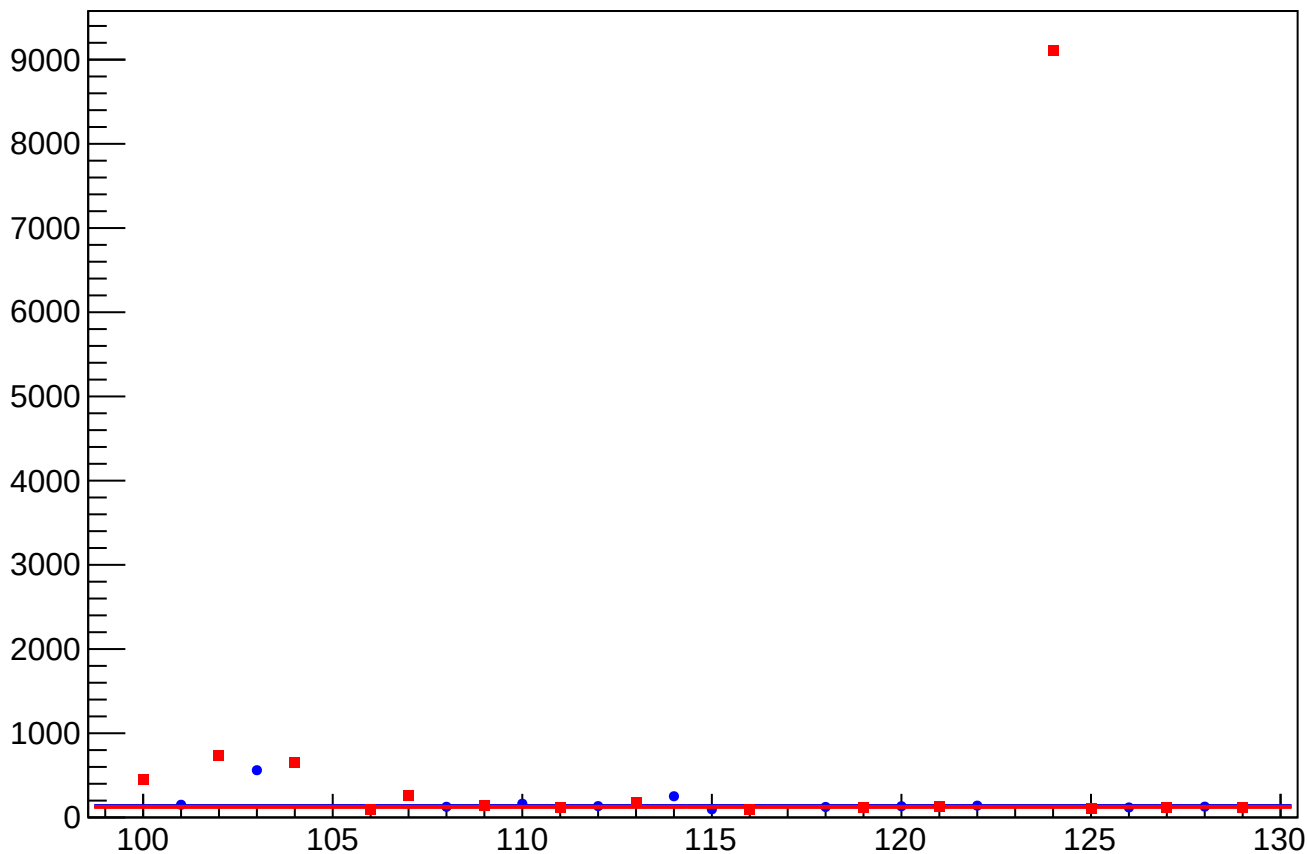
Right: -0.001+/-0.044 χ^2/NDF : 29.2/26

In: 0.008+/-0.066 χ^2/NDF : 9.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.044 χ^2/NDF : 29.2/26

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 135.479+/-0.046 χ^2/NDF : 816183.0/11

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

Right Out: 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

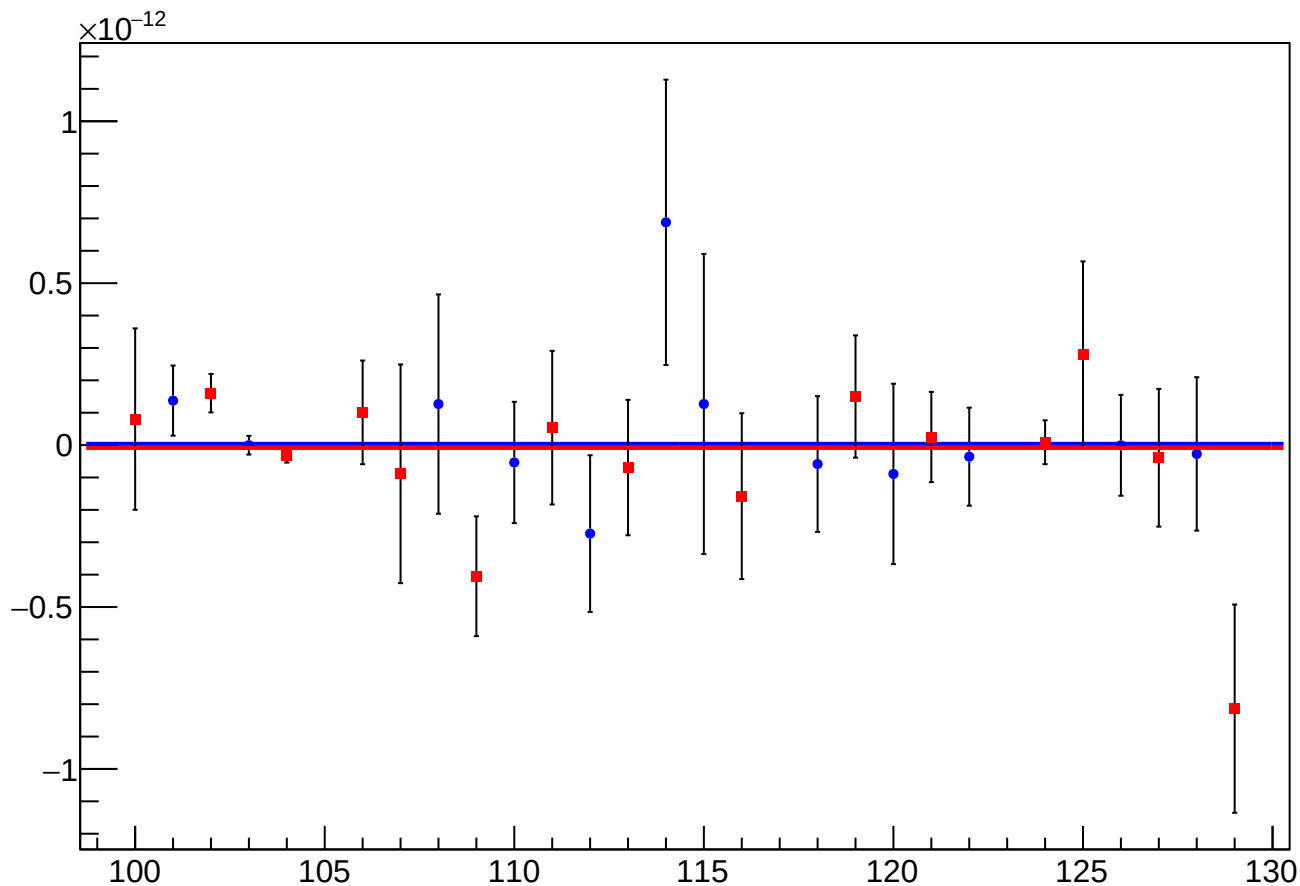
Right: 129.943+/-0.031 χ^2/NDF : 2683319.0/26

In: 135.479+/-0.046 χ^2/NDF : 816183.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.943+/-0.031 χ^2/NDF : 2683319.0/26

asym_atl_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.8/11

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

Right Out: -0.000+/-0.000 χ^2/NDF : 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

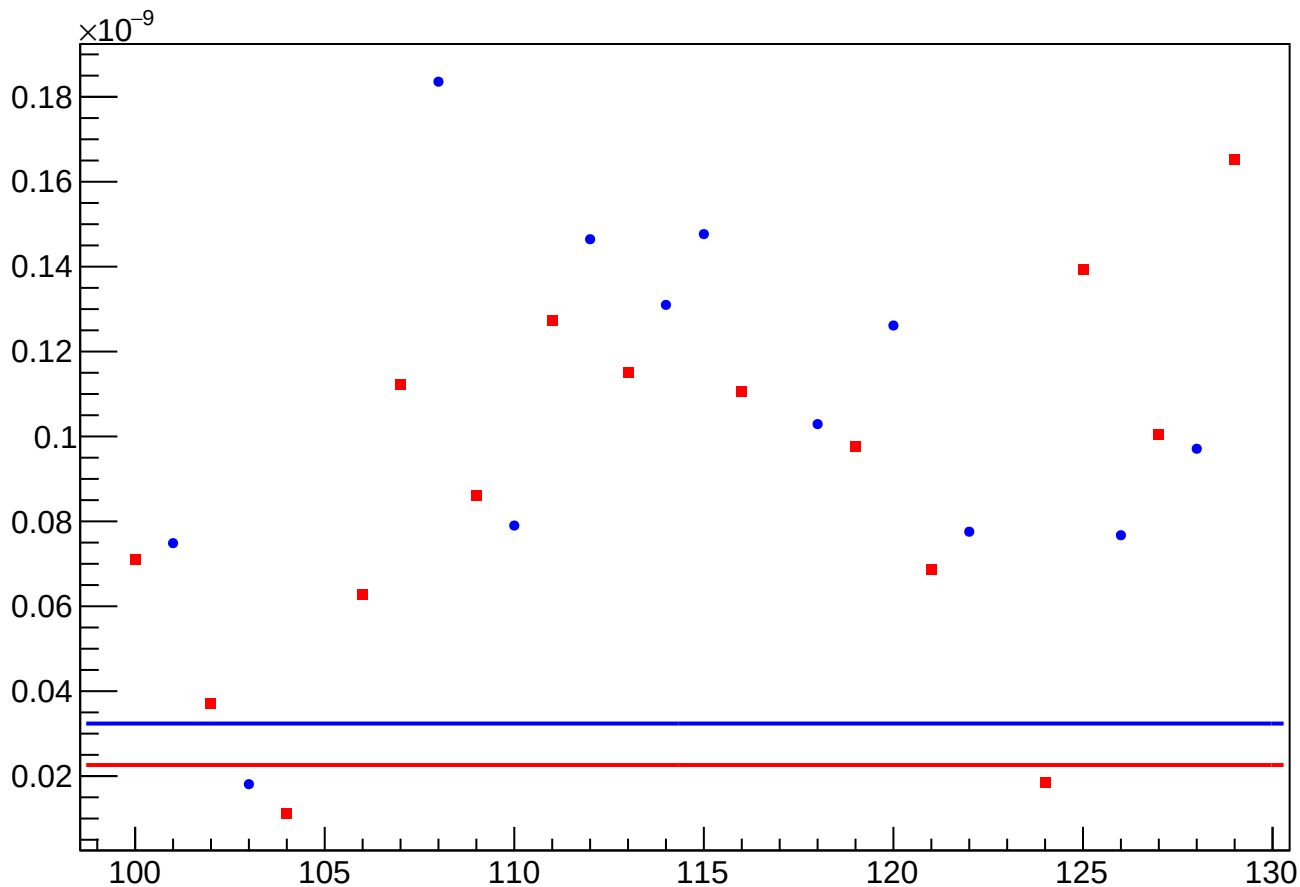
Right: -0.000+/-0.000 χ^2/NDF : 29.0/26

In: 0.000+/-0.000 χ^2/NDF : 5.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.0/26

asym_atl_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2929866.1/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 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

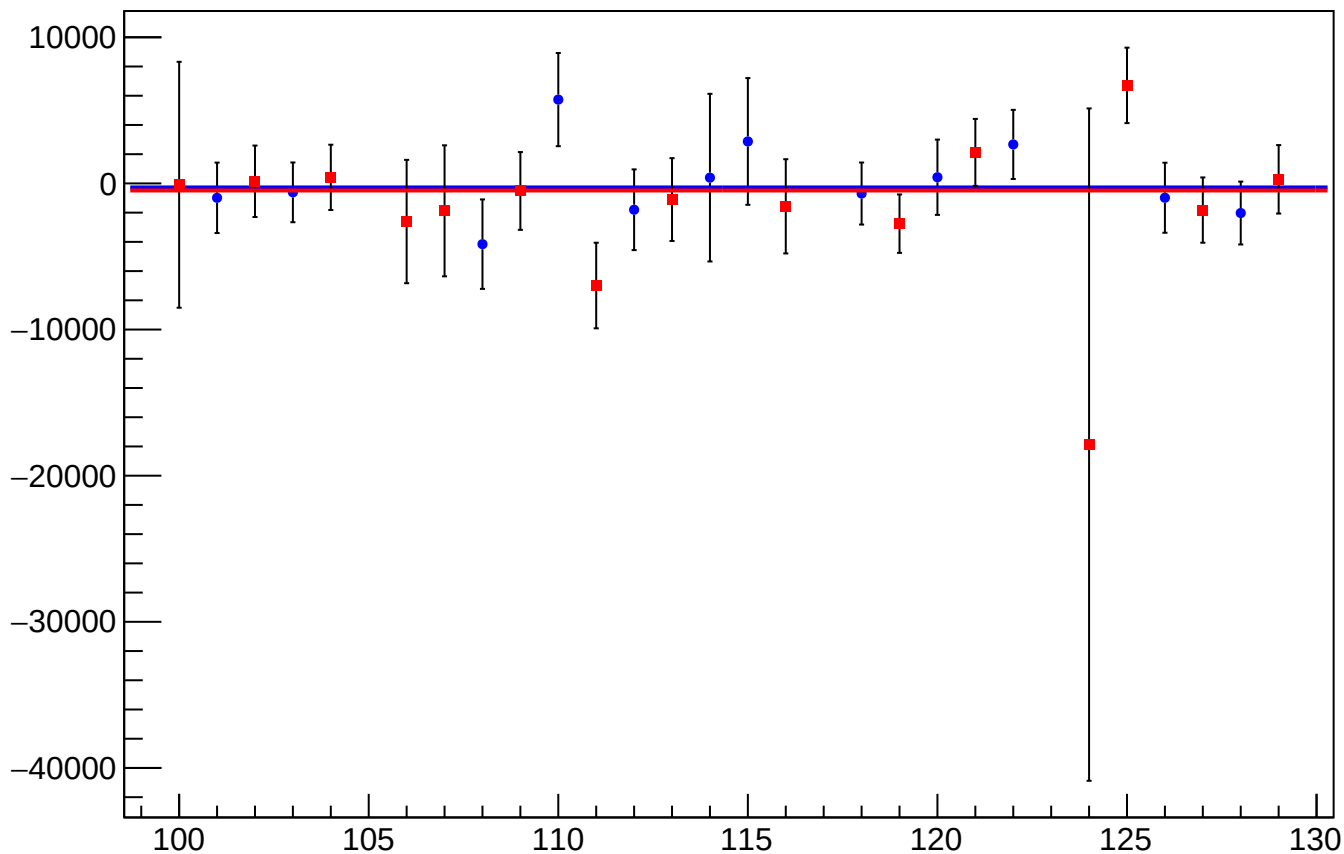
Right: 0.000+/-0.000 χ^2/NDF : 6860931.7/26

In: 0.000+/-0.000 χ^2/NDF : 2929866.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6860931.7/26

reg_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -276.167+/-750.968 χ^2 /NDF: 8.5/11

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

Right Out: -482.615+/-717.666 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

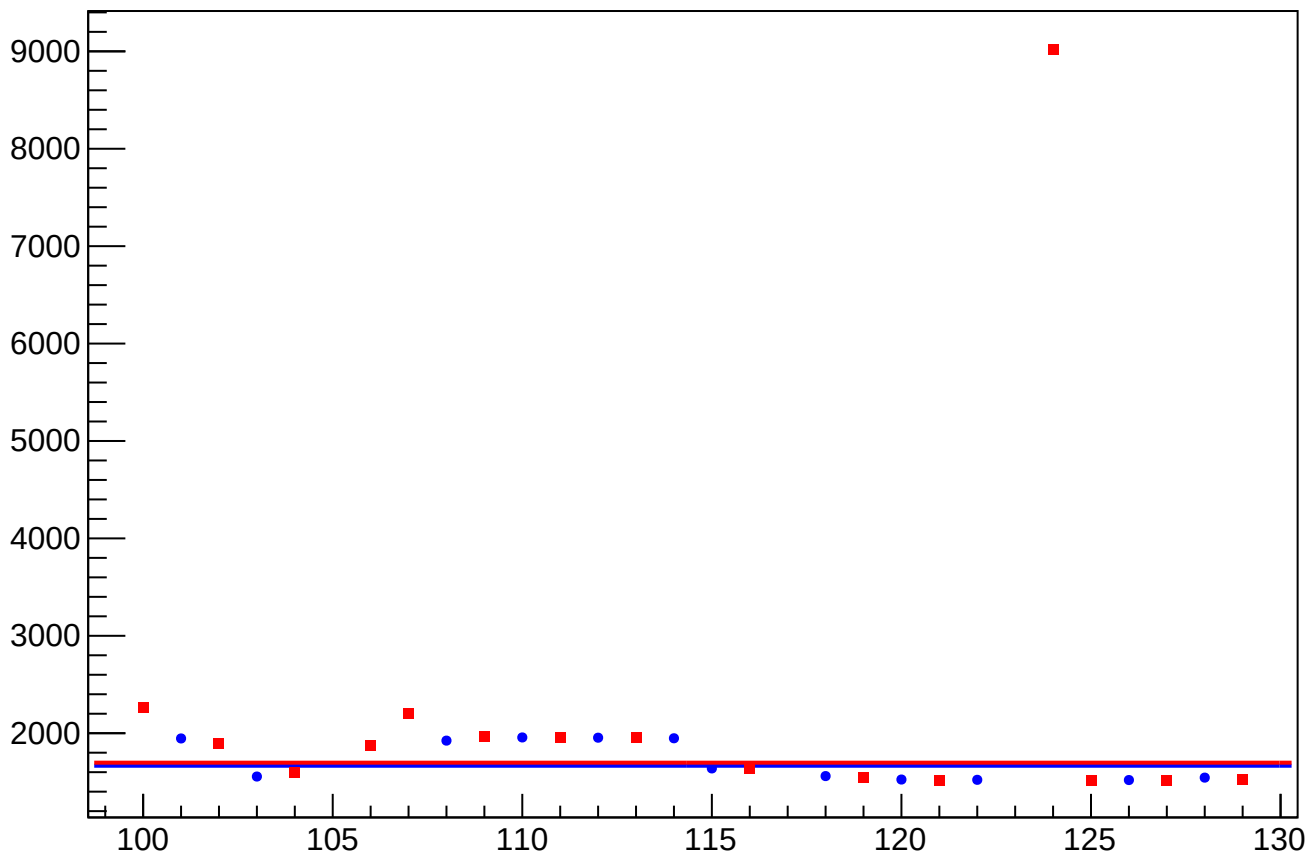
Right: -384.070+/-518.840 χ^2 /NDF: 25.6/26

In: -276.167+/-750.968 χ^2 /NDF:8.5/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -384.070+/-518.840 χ^2 /NDF: 25.6/26

reg_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1666.084+/-0.531 χ^2/NDF : 122826.4/11

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

Right Out: 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

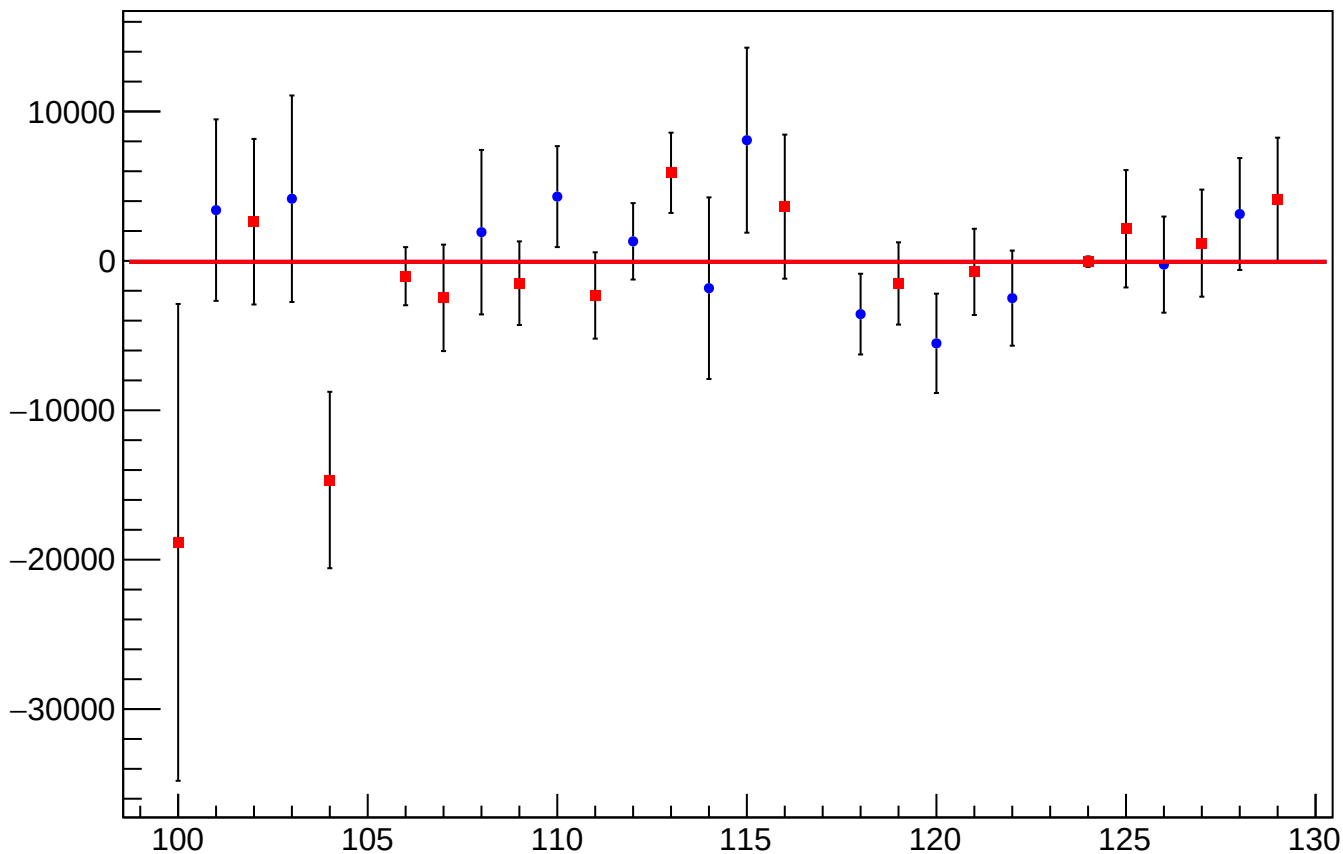
Right: 1682.660+/-0.366 χ^2/NDF : 497874.1/26

In: 1666.084+/-0.531 χ^2/NDF : 122826.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1682.660+/-0.366 χ^2/NDF : 497874.1/26

asym_atl_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -61.395 ± 1072.896 χ^2/NDF : 10.3/11

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

Right Out: -64.028 ± 326.463 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

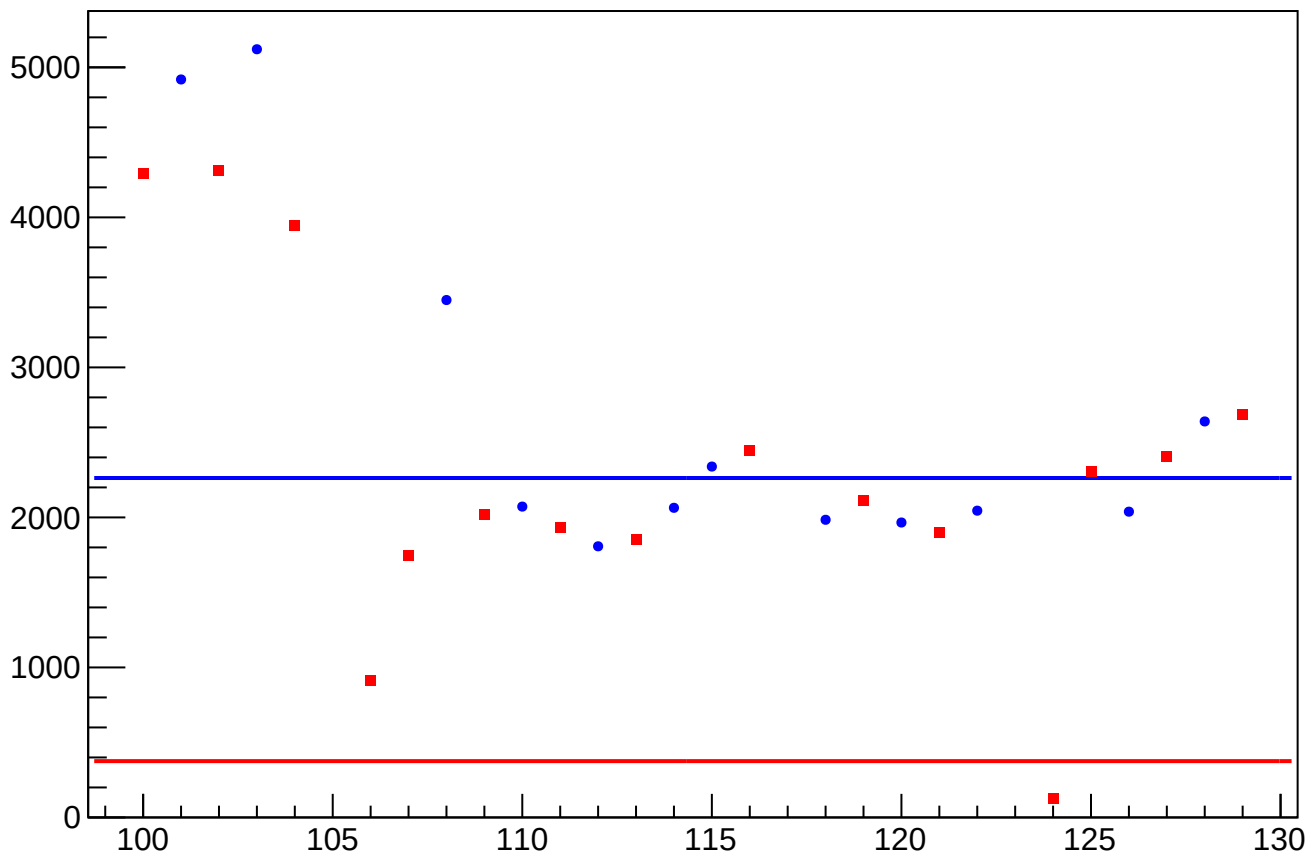
Right: -63.805 ± 312.325 χ^2/NDF : 26.9/26

In: -61.395 ± 1072.896 χ^2/NDF : 10.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -63.805 ± 312.325 χ^2/NDF : 26.9/26

asym_atl_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2262.712 $\pm$ 0.759 χ^2 /NDF: 966077.8/11

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

Right Out: 375.485 $\pm$ 0.231 χ^2 /NDF: 8662501.6/14

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

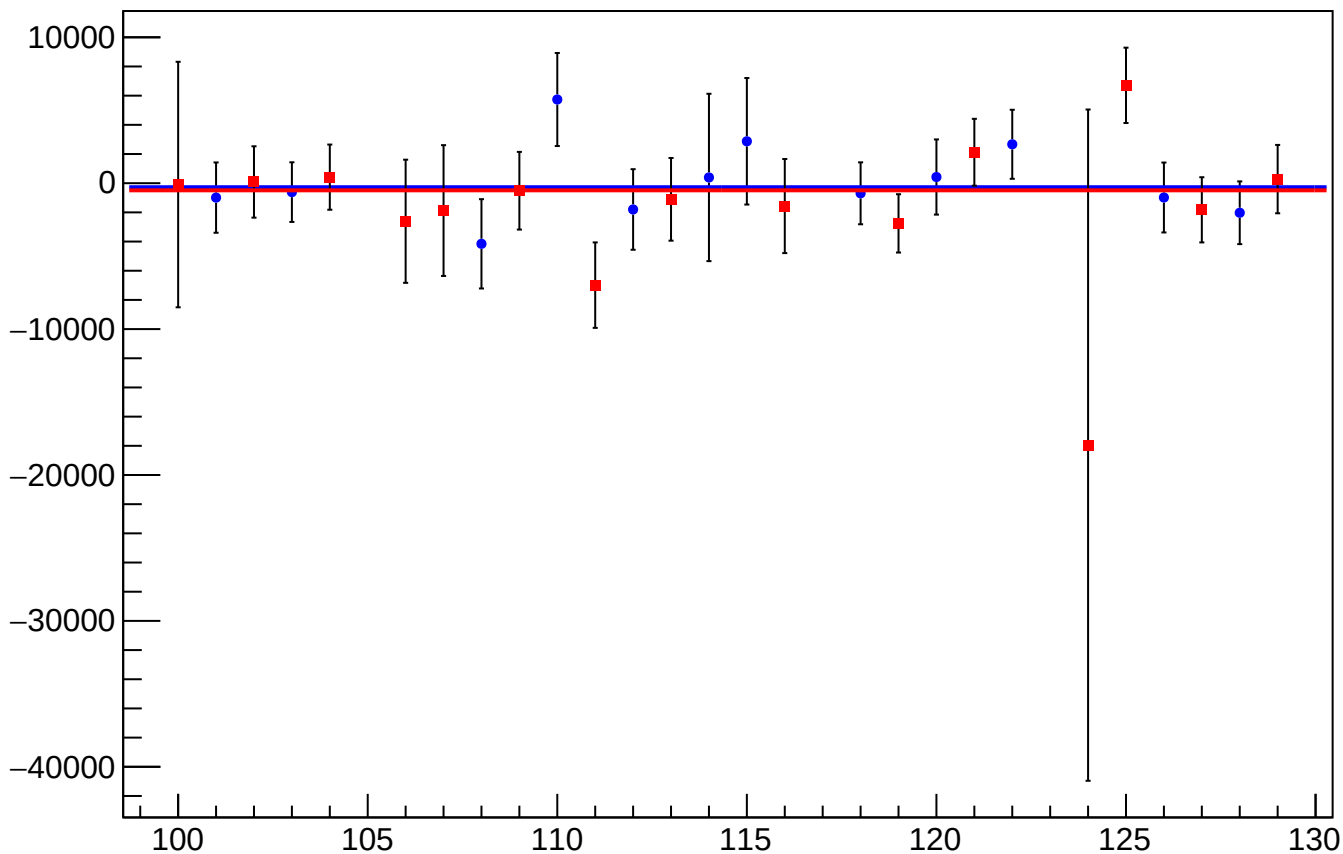
Right: 535.412 $\pm$ 0.221 χ^2 /NDF: 15292369.0/26

In: 2262.712 $\pm$ 0.759 χ^2 /NDF:966077.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 535.412 $\pm$ 0.221 χ^2 /NDF: 15292369.0/26

cor_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -276.339+/-750.968 χ^2/NDF : 8.5/11

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

Right Out: -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

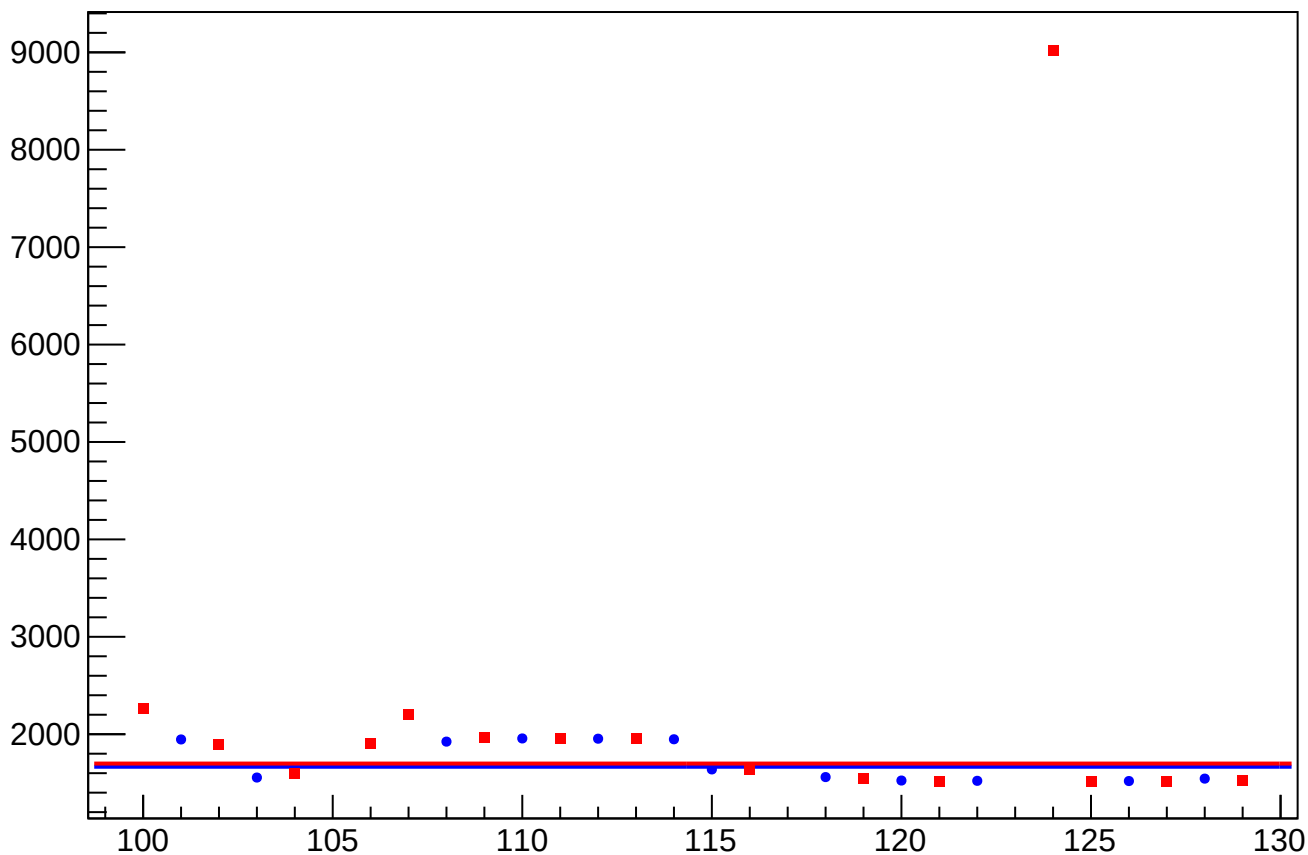
Right: -387.023+/-518.844 χ^2/NDF : 25.6/26

In: -276.339+/-750.968 χ^2/NDF : 8.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -387.023+/-518.844 χ^2/NDF : 25.6/26

cor_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1666.083+/-0.531 χ^2/NDF : 122826.5/11

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

Right Out: 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

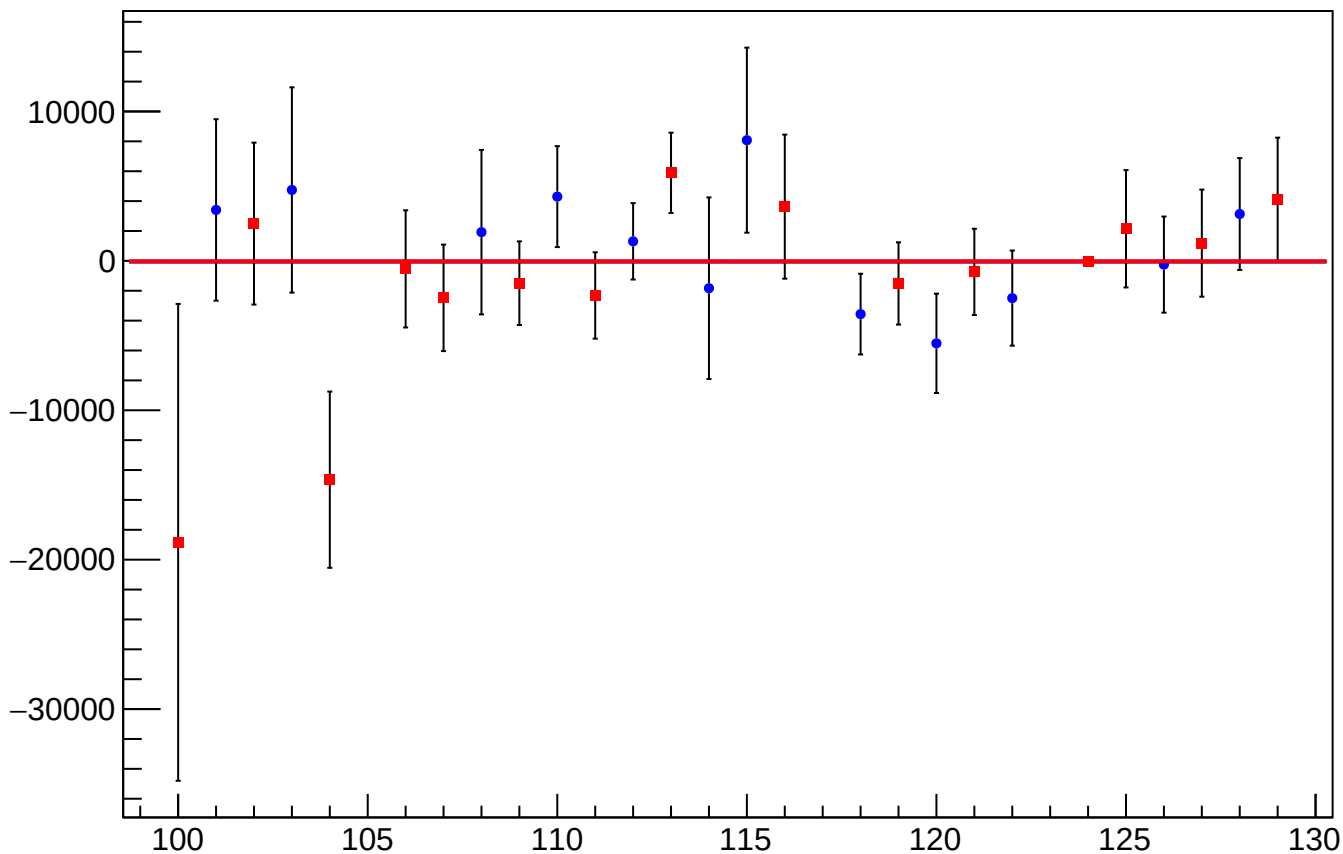
Right: 1683.185+/-0.366 χ^2/NDF : 499736.2/26

In: 1666.083+/-0.531 χ^2/NDF : 122826.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1683.185+/-0.366 χ^2/NDF : 499736.2/26

asym_atl_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -45.636+/-1072.730 χ^2/NDF : 10.4/11

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

Right Out: -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

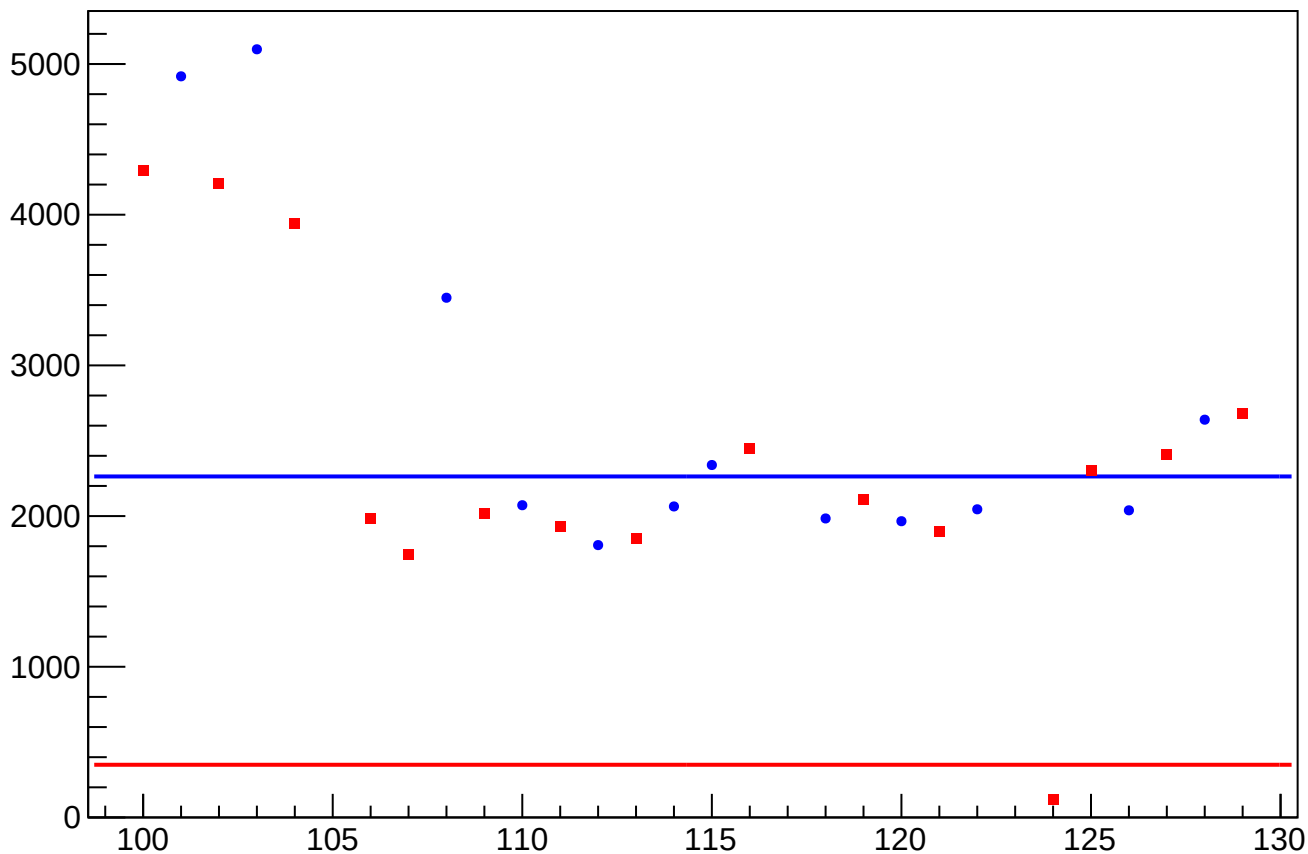
Right: -34.191+/-305.156 χ^2/NDF : 26.8/26

In: -45.636+/-1072.730 χ^2/NDF : 10.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.191+/-305.156 χ^2/NDF : 26.8/26

asym_atl_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2262.969+/-0.759 χ^2/NDF : 964518.2/11

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

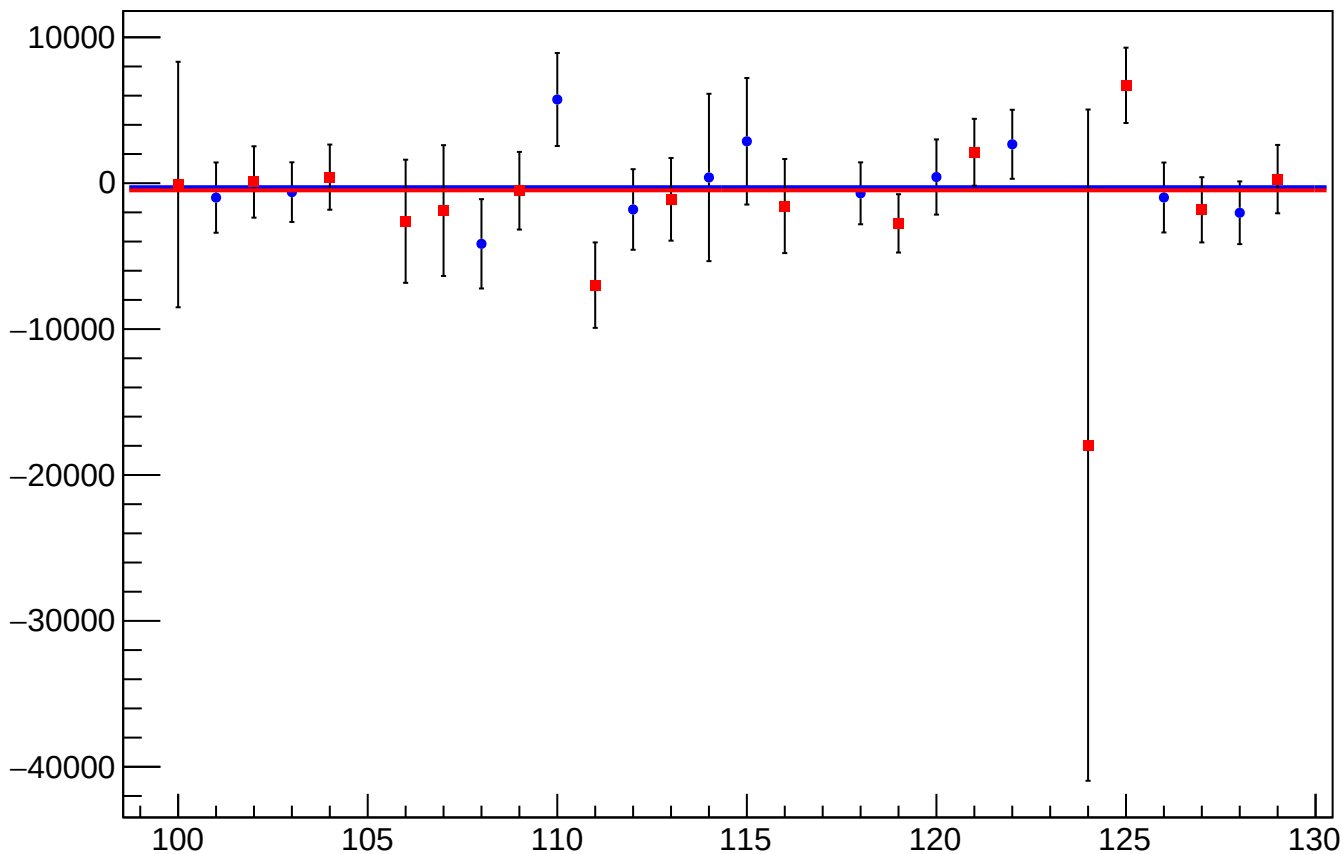
Right: 504.452+/-0.216 χ^2/NDF : 15773212.8/26

In: 2262.969+/-0.759 χ^2/NDF : 964518.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 504.452+/-0.216 χ^2/NDF : 15773212.8/26

eigen_cor_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -276.339+/-750.968 χ^2 /NDF: 8.5/11

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

Right Out: -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

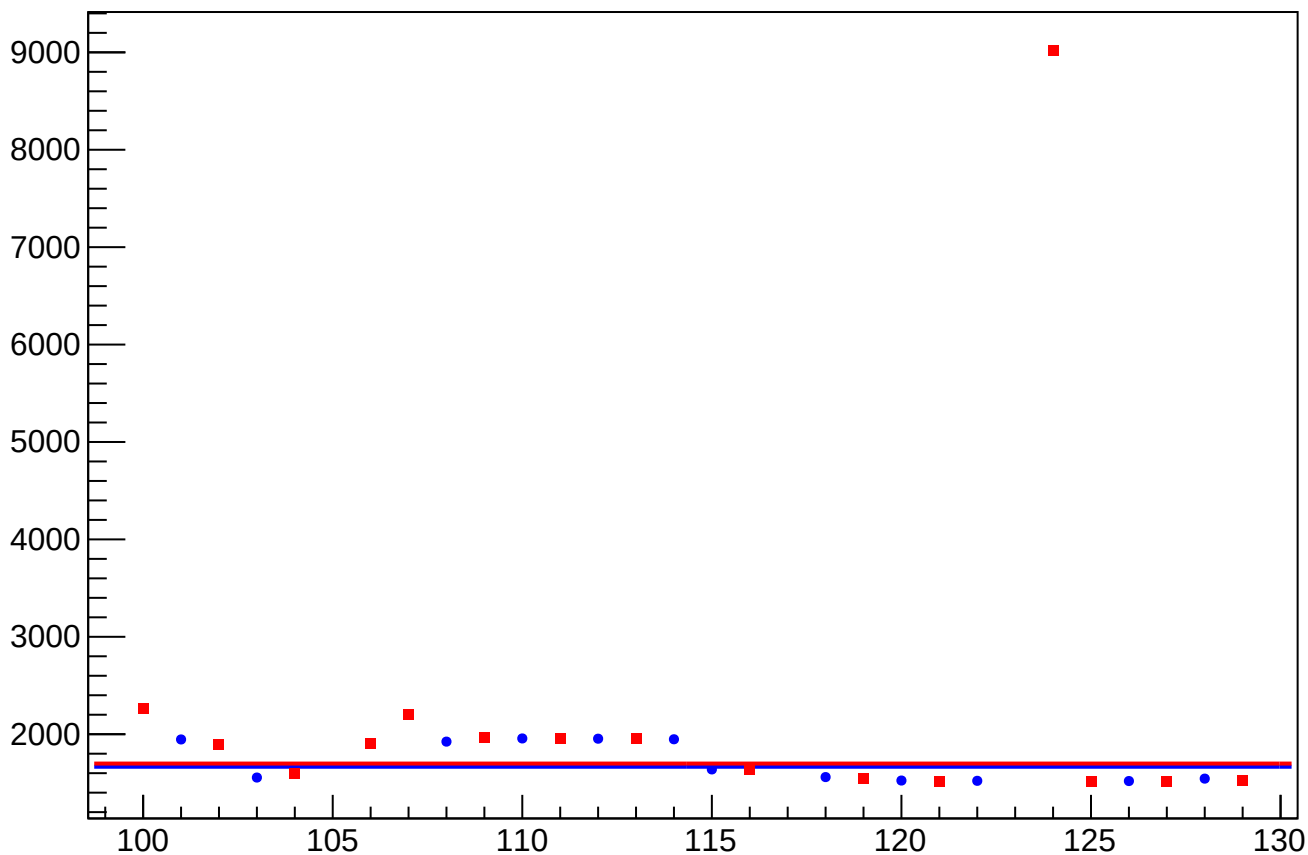
Right: -387.023+/-518.844 χ^2 /NDF: 25.6/26

In: -276.339+/-750.968 χ^2 /NDF:8.5/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -387.023+/-518.844 χ^2 /NDF: 25.6/26

eigen_cor_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1666.083+/-0.531 χ^2/NDF : 122826.5/11

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

Right Out: 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

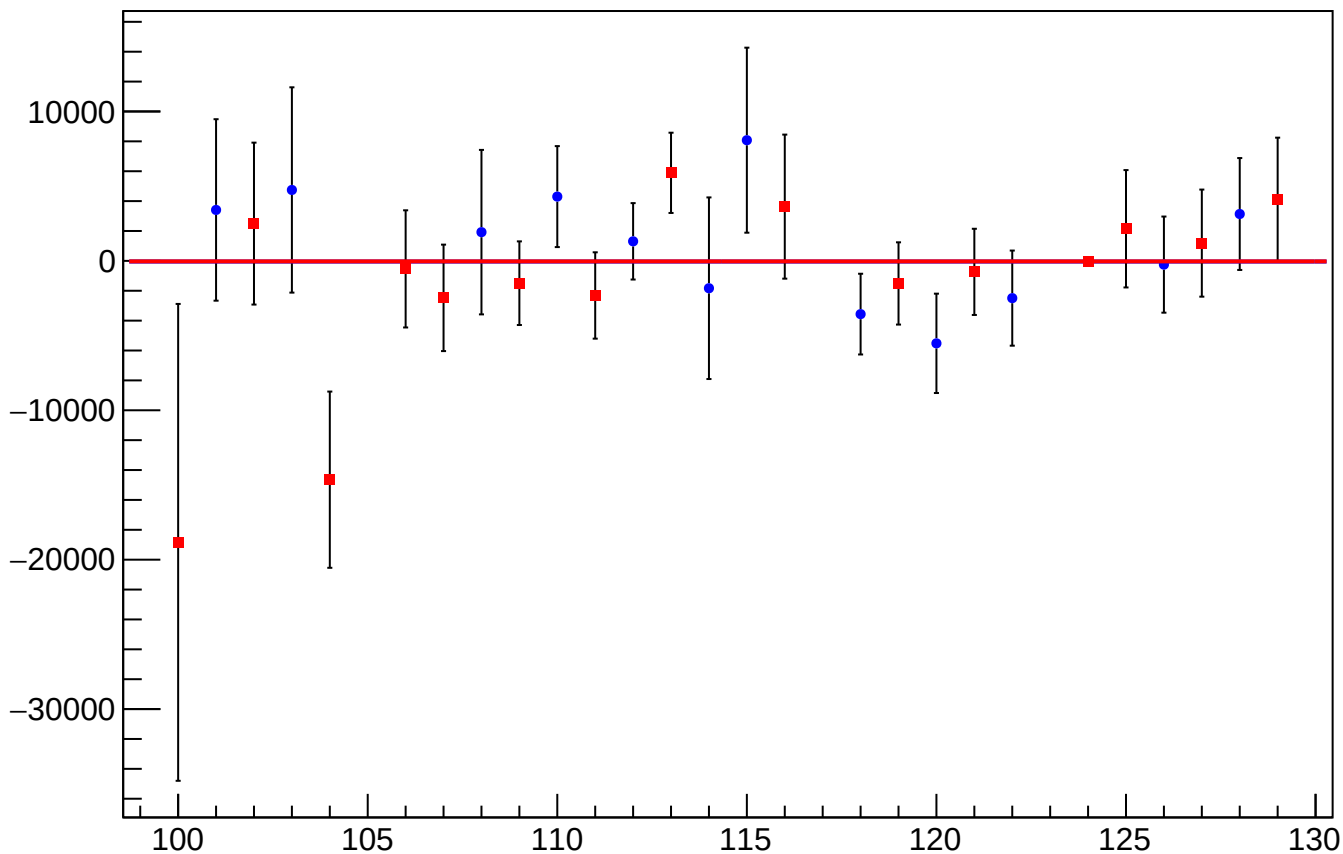
Right: 1683.185+/-0.366 χ^2/NDF : 499736.2/26

In: 1666.083+/-0.531 χ^2/NDF : 122826.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1683.185+/-0.366 χ^2/NDF : 499736.2/26

asym_atl_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -45.636 ± 1072.730 χ^2/NDF : 10.4/11

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

Right Out: -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

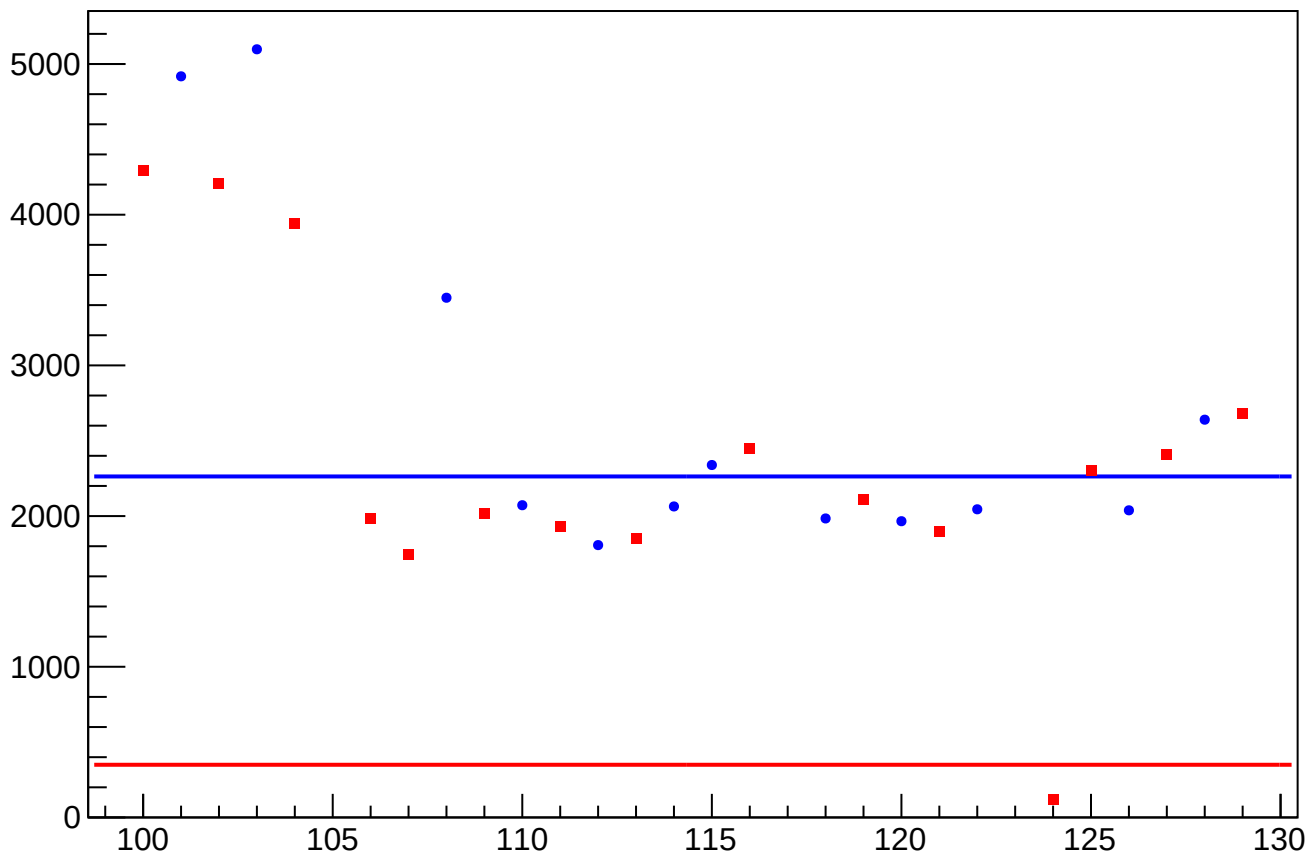
Right: -34.191 ± 305.156 χ^2/NDF : 26.8/26

In: -45.636 ± 1072.730 χ^2/NDF : 10.4/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -34.191 ± 305.156 χ^2/NDF : 26.8/26

asym_atl_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2262.969+/-0.759 χ^2/NDF : 964518.2/11

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

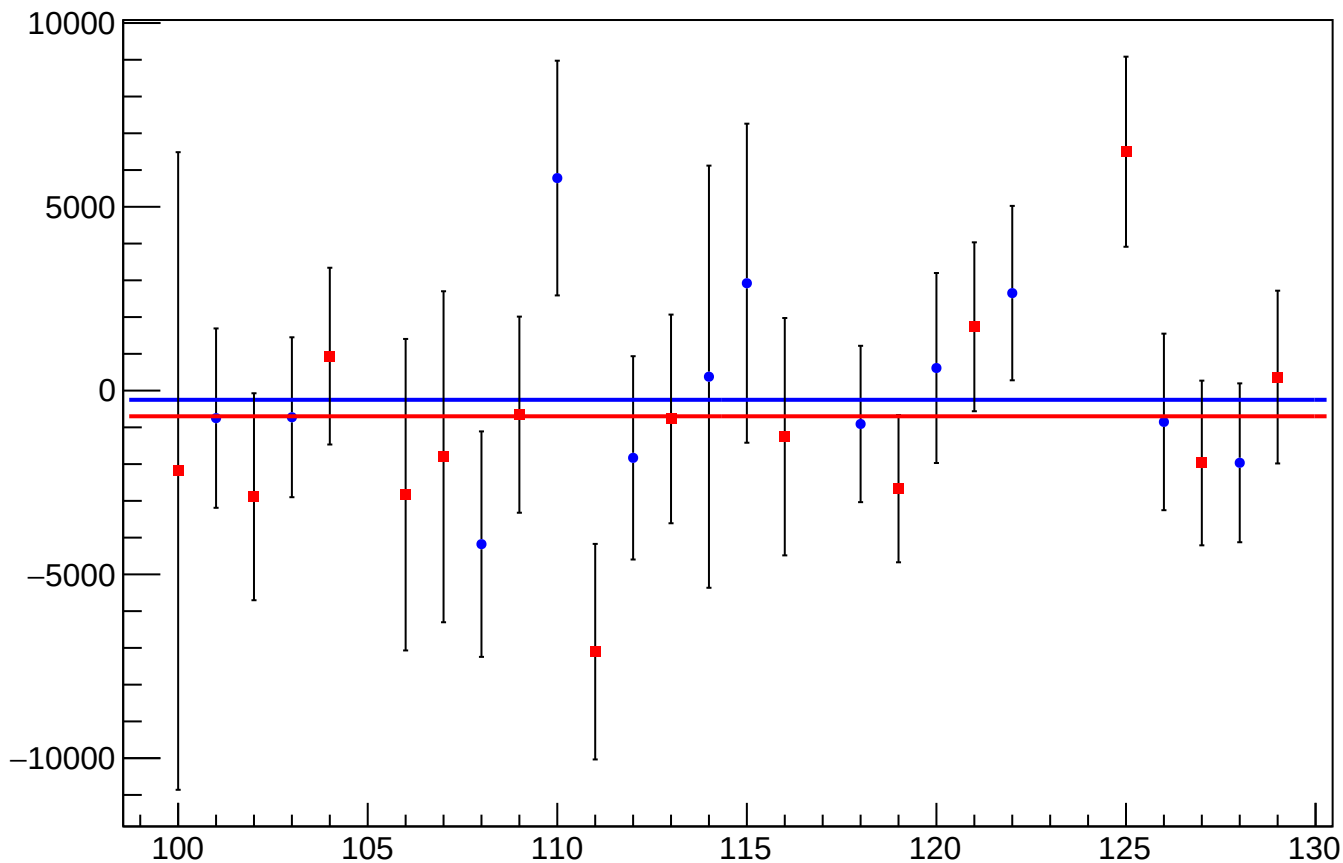
Right: 504.452+/-0.216 χ^2/NDF : 15773212.8/26

In: 2262.969+/-0.759 χ^2/NDF : 964518.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 504.452+/-0.216 χ^2/NDF : 15773212.8/26

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -250.662+/-759.427 χ^2/NDF : 8.6/11

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

Right Out: -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

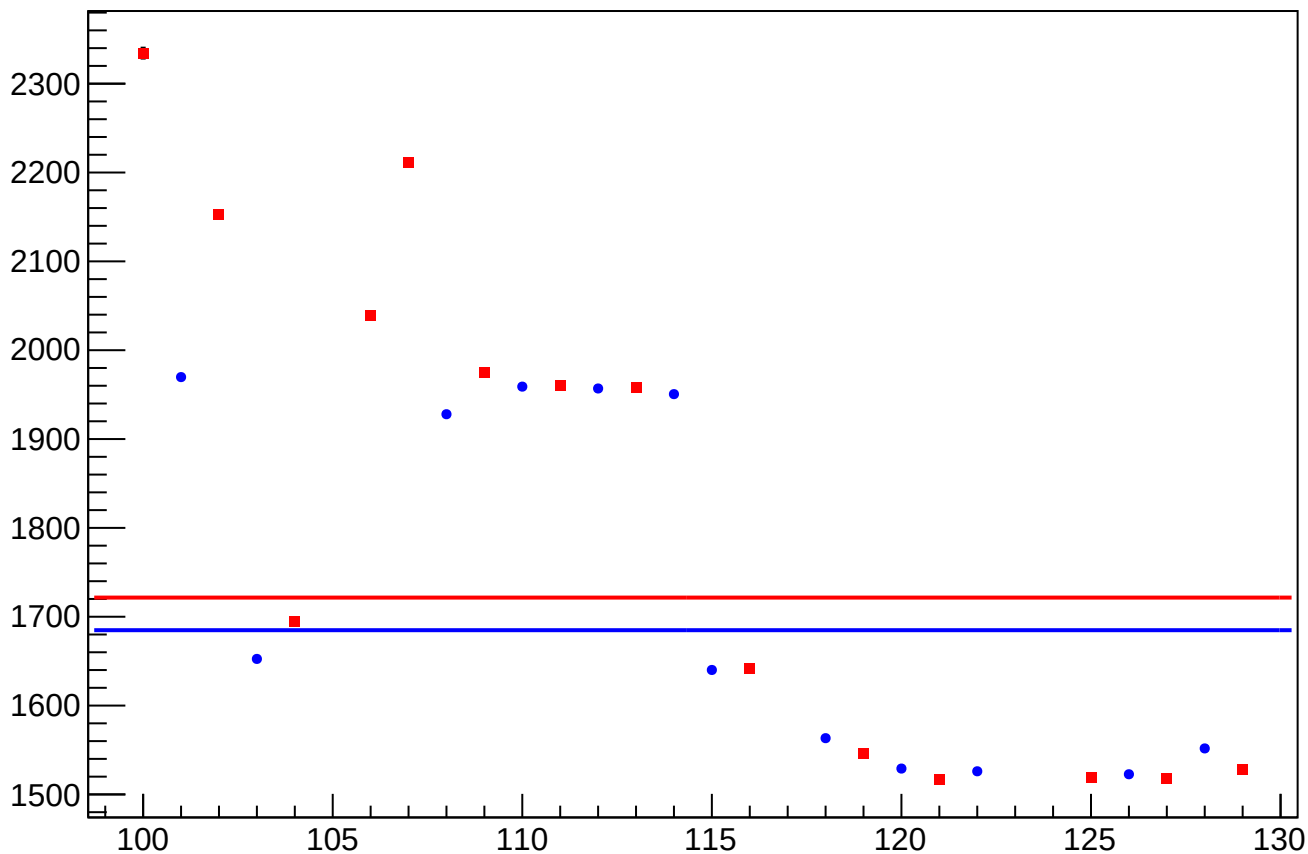
Right: -482.891+/-527.274 χ^2/NDF : 25.3/25

In: -250.662+/-759.427 χ^2/NDF : 8.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -482.891+/-527.274 χ^2/NDF : 25.3/25

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1684.848+/-0.537 χ^2/NDF : 118331.1/11

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

Right Out: 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

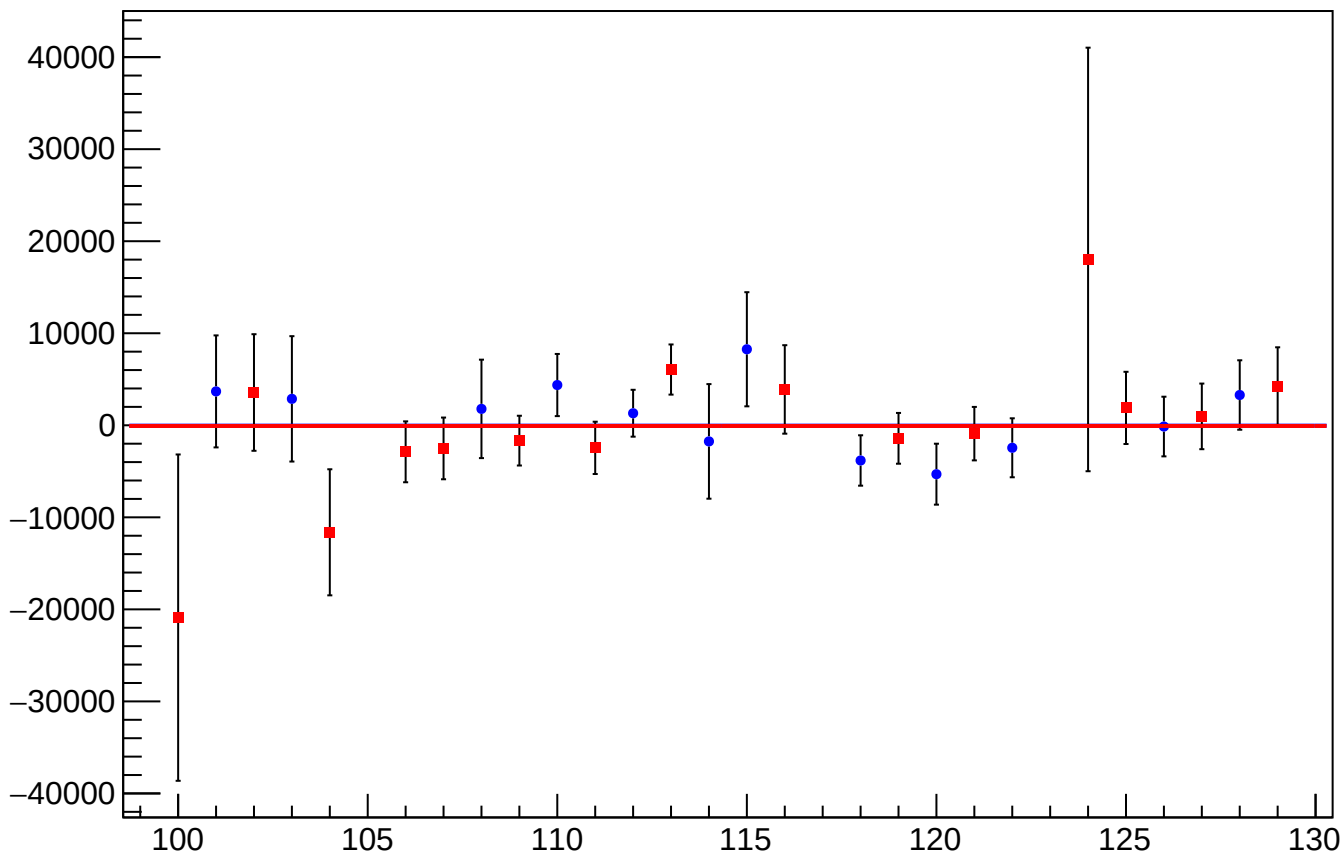
Right: 1703.915+/-0.372 χ^2/NDF : 334878.6/25

In: 1684.848+/-0.537 χ^2/NDF : 118331.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1703.915+/-0.372 χ^2/NDF : 334878.6/25

asym_atl_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -41.276+/-1075.366 χ^2/NDF : 10.3/11

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

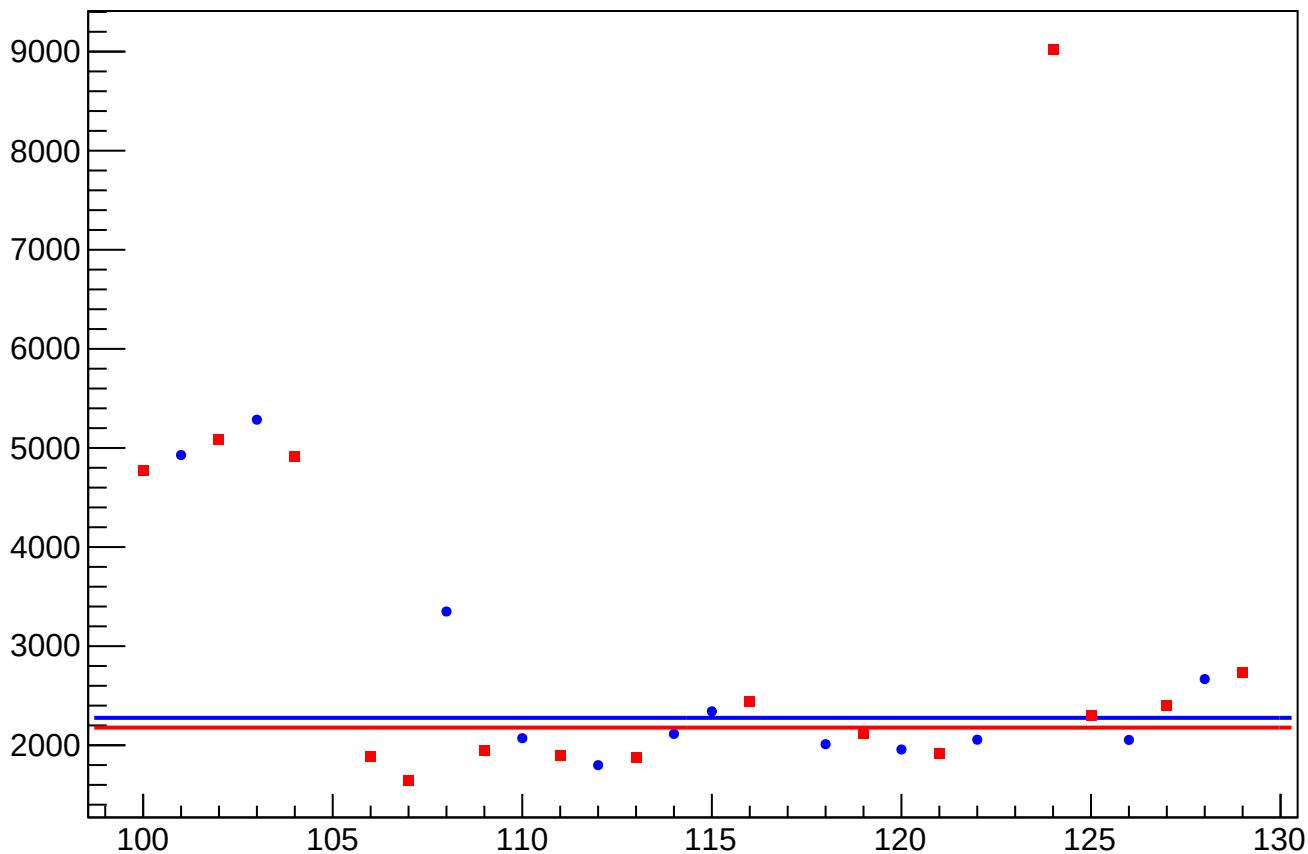
Right: -59.572+/-709.789 χ^2/NDF : 25.2/26

In: -41.276+/-1075.366 χ^2/NDF : 10.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -59.572+/-709.789 χ^2/NDF : 25.2/26

asym_atl_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2276.574+/-0.760 χ^2/NDF : 1008241.1/11

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

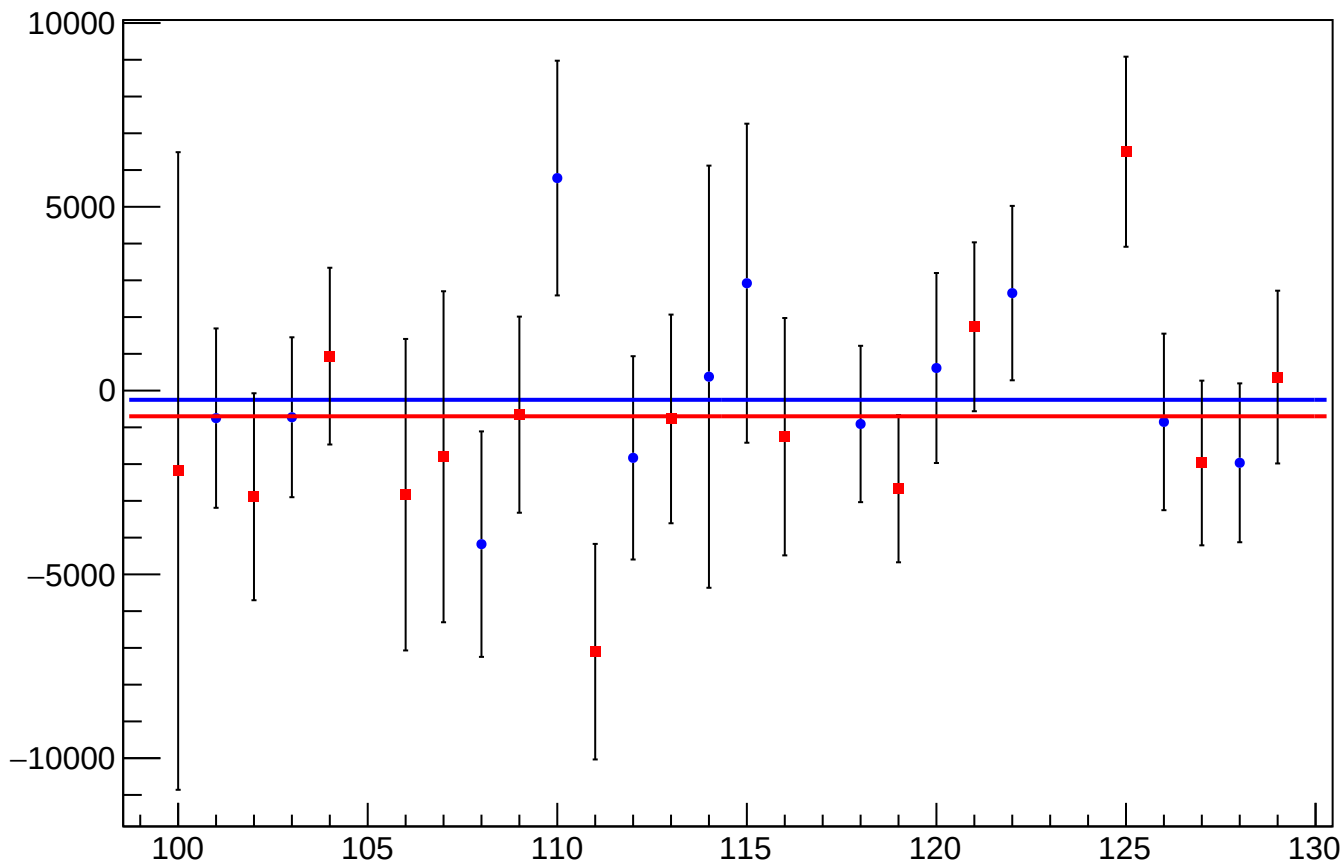
Right: 2220.954+/-0.502 χ^2/NDF : 2171951.2/26

In: 2276.574+/-0.760 χ^2/NDF : 1008241.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2220.954+/-0.502 χ^2/NDF : 2171951.2/26

eigen_dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -250.669+/-759.426 χ^2/NDF : 8.6/11

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

Right Out: -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

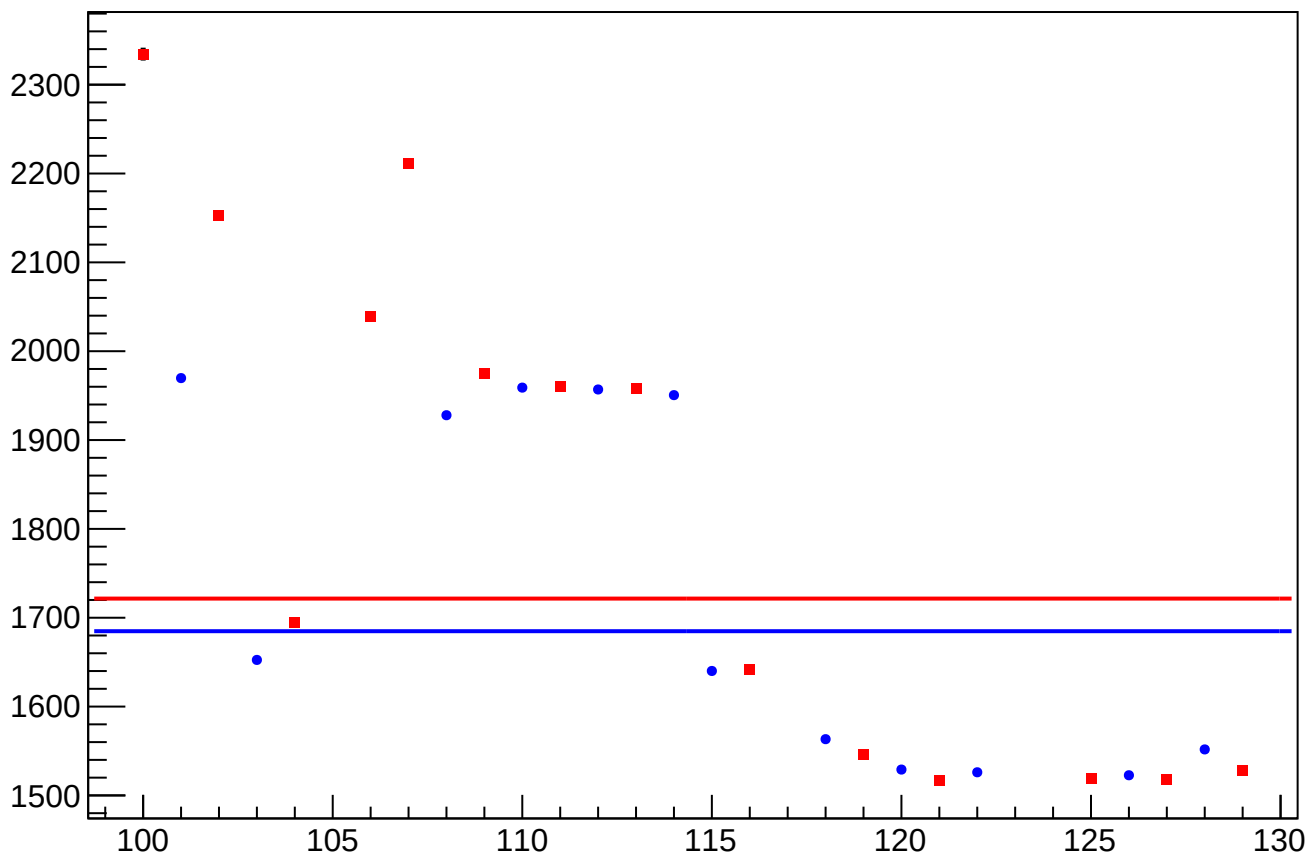
Right: -482.898+/-527.274 χ^2/NDF : 25.3/25

In: -250.669+/-759.426 χ^2/NDF :8.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -482.898+/-527.274 χ^2/NDF : 25.3/25

eigen_dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1684.848+/-0.537 χ^2/NDF : 118331.0/11

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

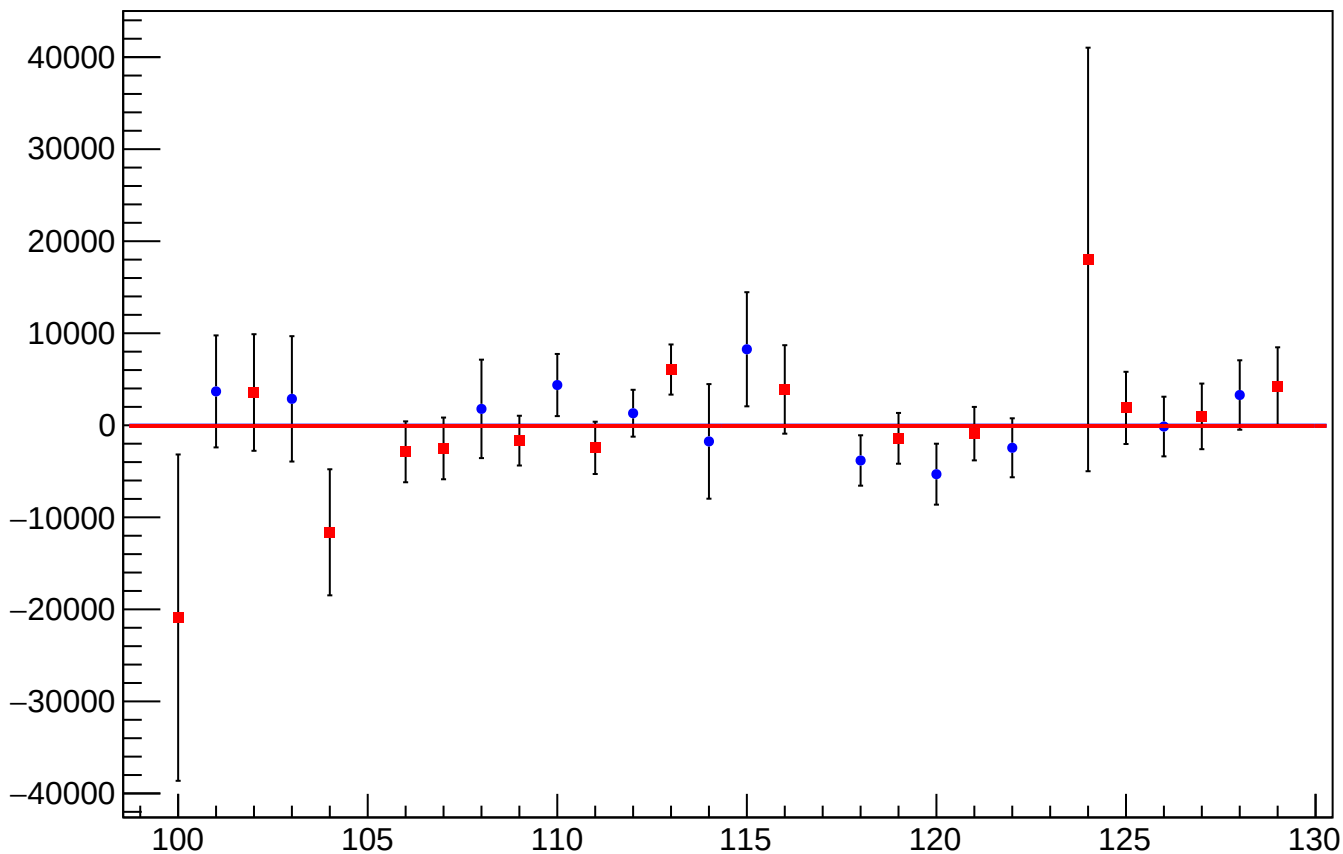
Right: 1703.915+/-0.372 χ^2/NDF : 334877.9/25

In: 1684.848+/-0.537 χ^2/NDF : 118331.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1703.915+/-0.372 χ^2/NDF : 334877.9/25

asym_atl_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -41.280+/-1075.361 χ^2/NDF : 10.3/11

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

Right Out: -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

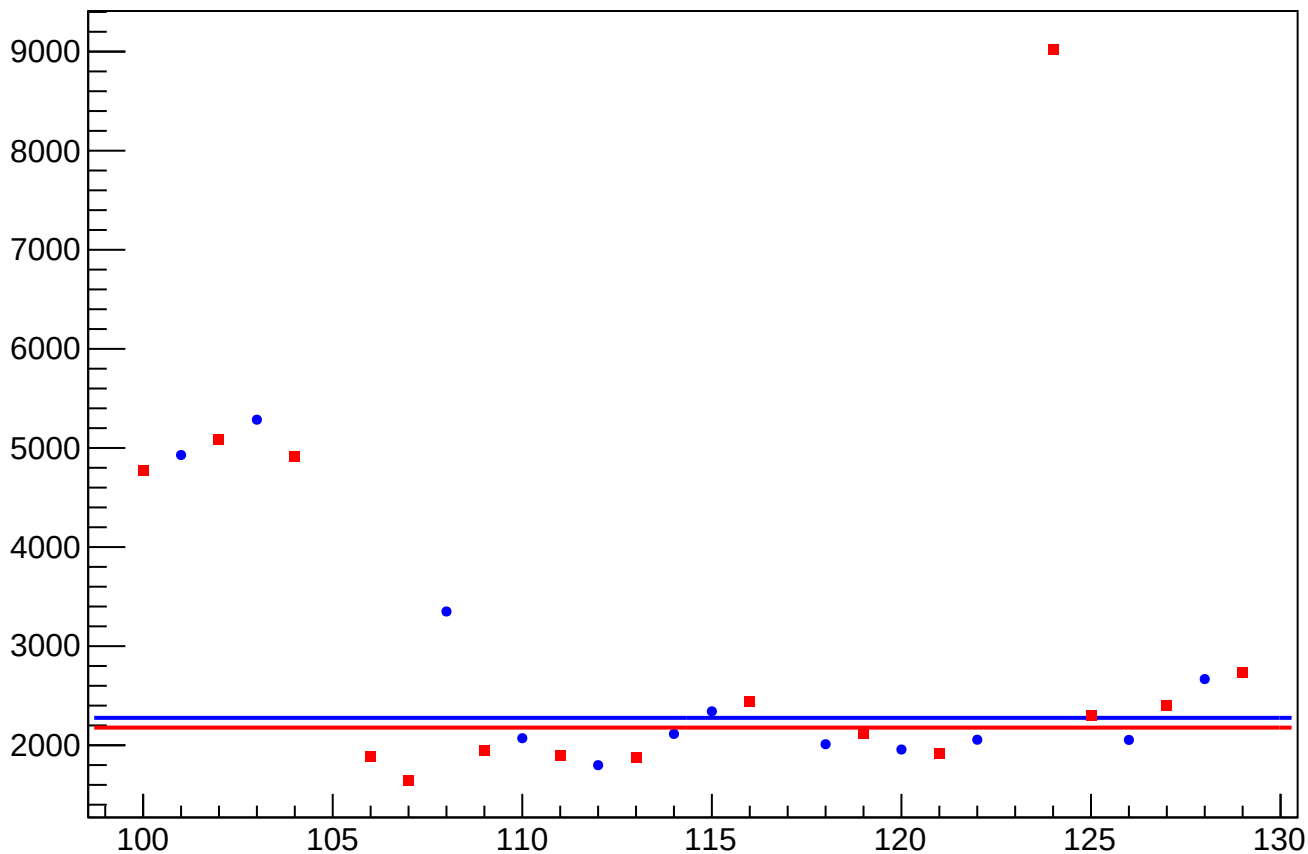
Right: -59.575+/-709.786 χ^2/NDF : 25.2/26

In: -41.280+/-1075.361 χ^2/NDF : 10.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -59.575+/-709.786 χ^2/NDF : 25.2/26

asym_atl_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2276.562+/-0.760 χ^2/NDF : 1008246.8/11

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

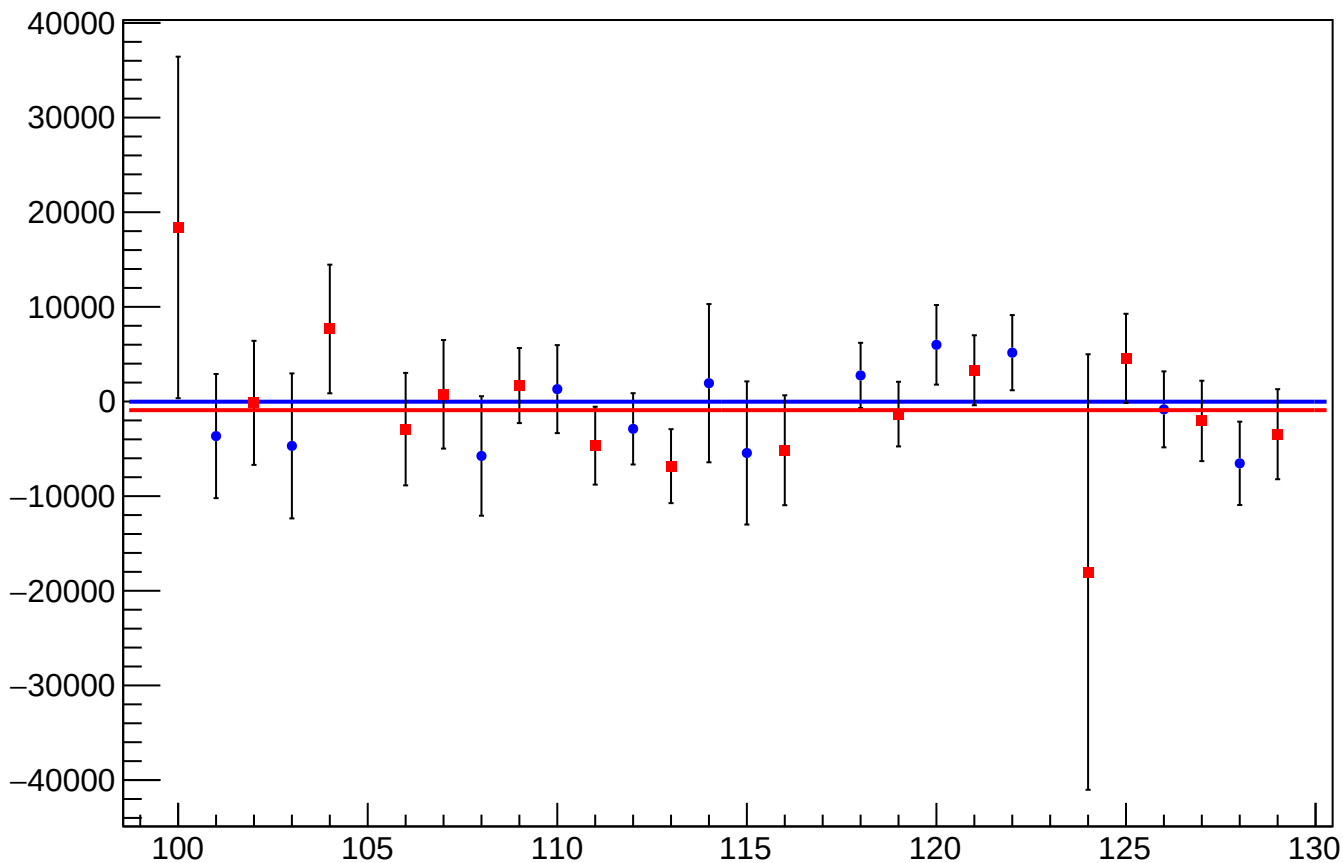
Right: 2220.944+/-0.502 χ^2/NDF : 2171961.3/26

In: 2276.562+/-0.760 χ^2/NDF : 1008246.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2220.944+/-0.502 χ^2/NDF : 2171961.3/26

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -20.496 ± 1371.611 χ^2/NDF : 9.4/11

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

Right Out: -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

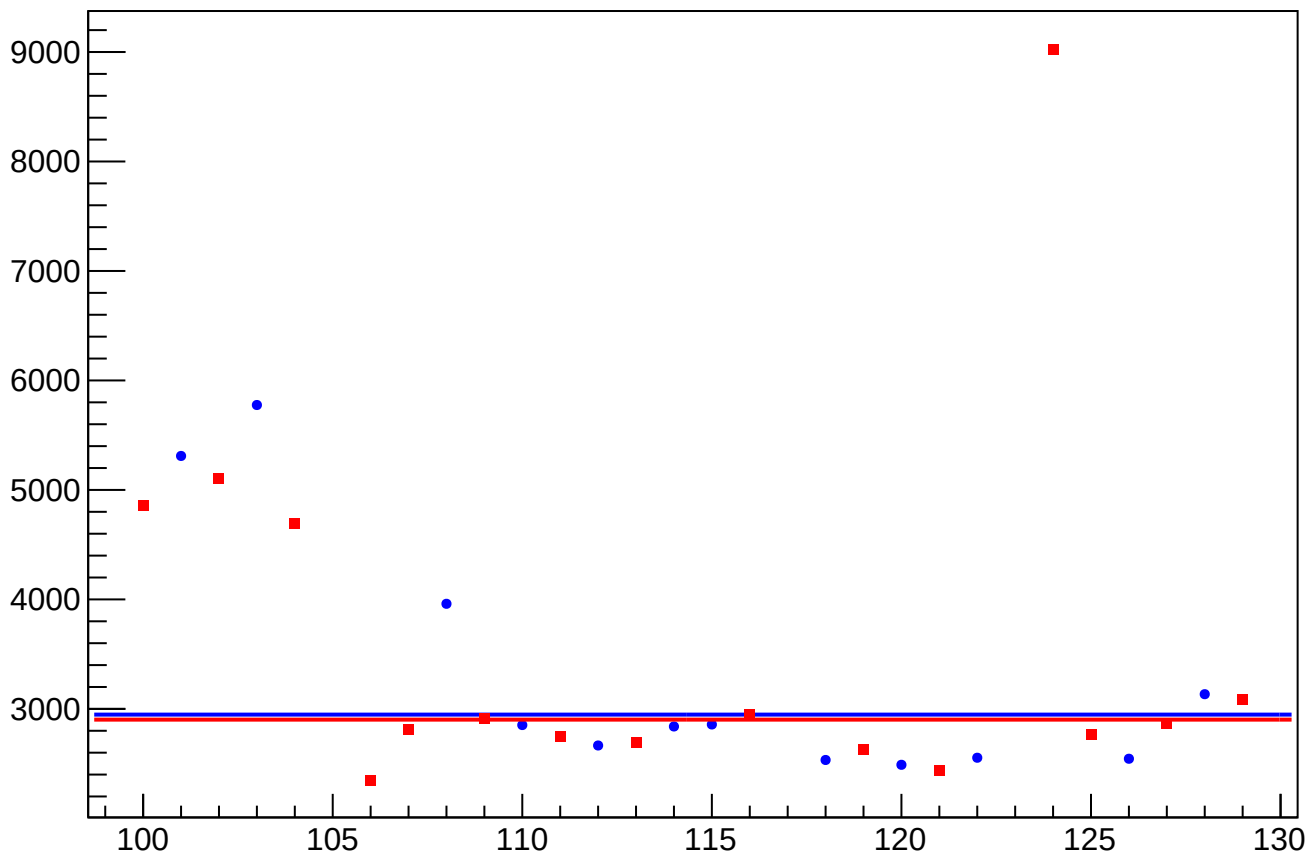
Right: -505.694 ± 927.875 χ^2/NDF : 20.2/26

In: -20.496 ± 1371.611 χ^2/NDF : 9.4/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -505.694 ± 927.875 χ^2/NDF : 20.2/26

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 2947.684+/-0.970 χ^2/NDF : 692369.8/11

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

Right Out: 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

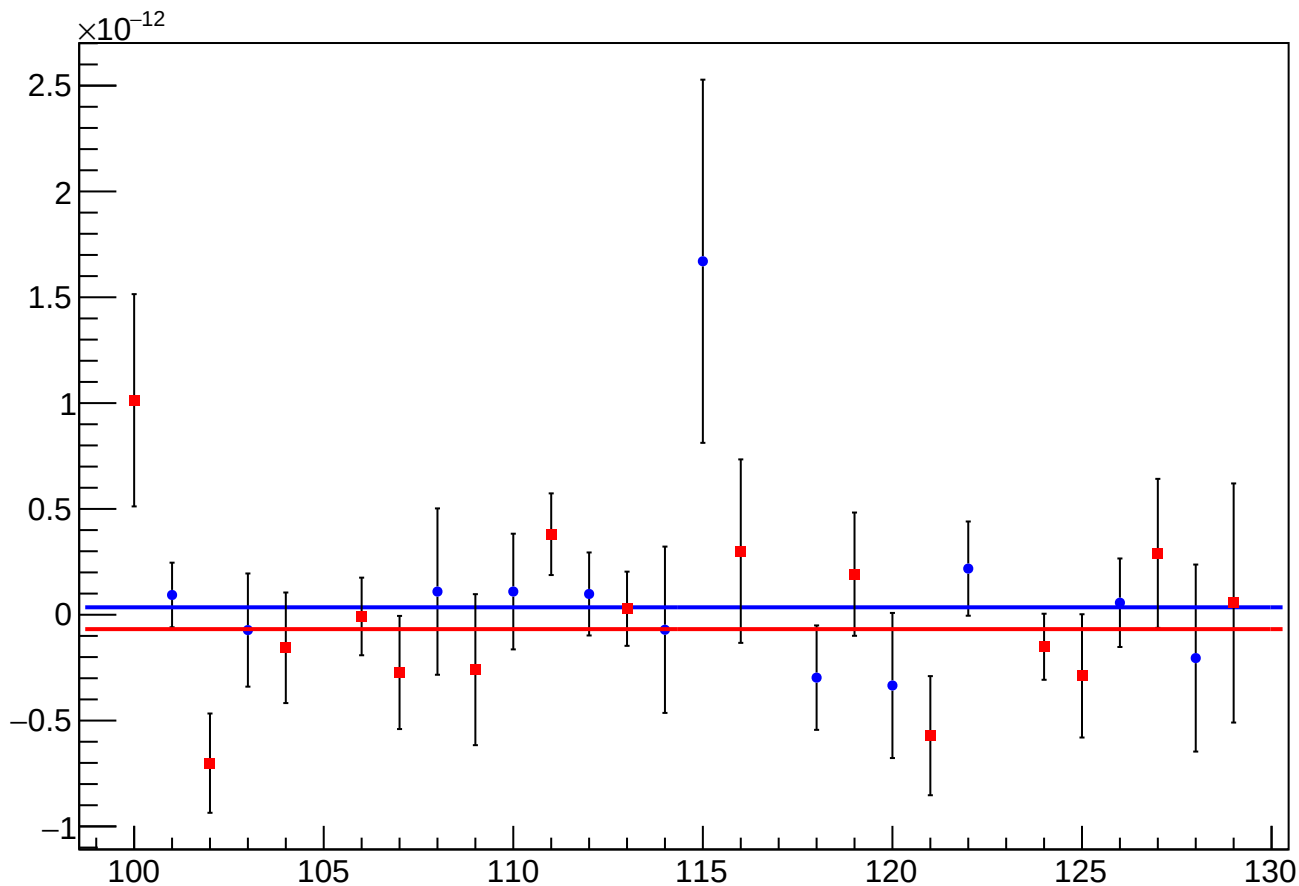
Right: 2922.463+/-0.650 χ^2/NDF : 1312498.5/26

In: 2947.684+/-0.970 χ^2/NDF : 692369.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2922.463+/-0.650 χ^2/NDF : 1312498.5/26

asym_atl_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.2/11

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 25.4/14

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

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

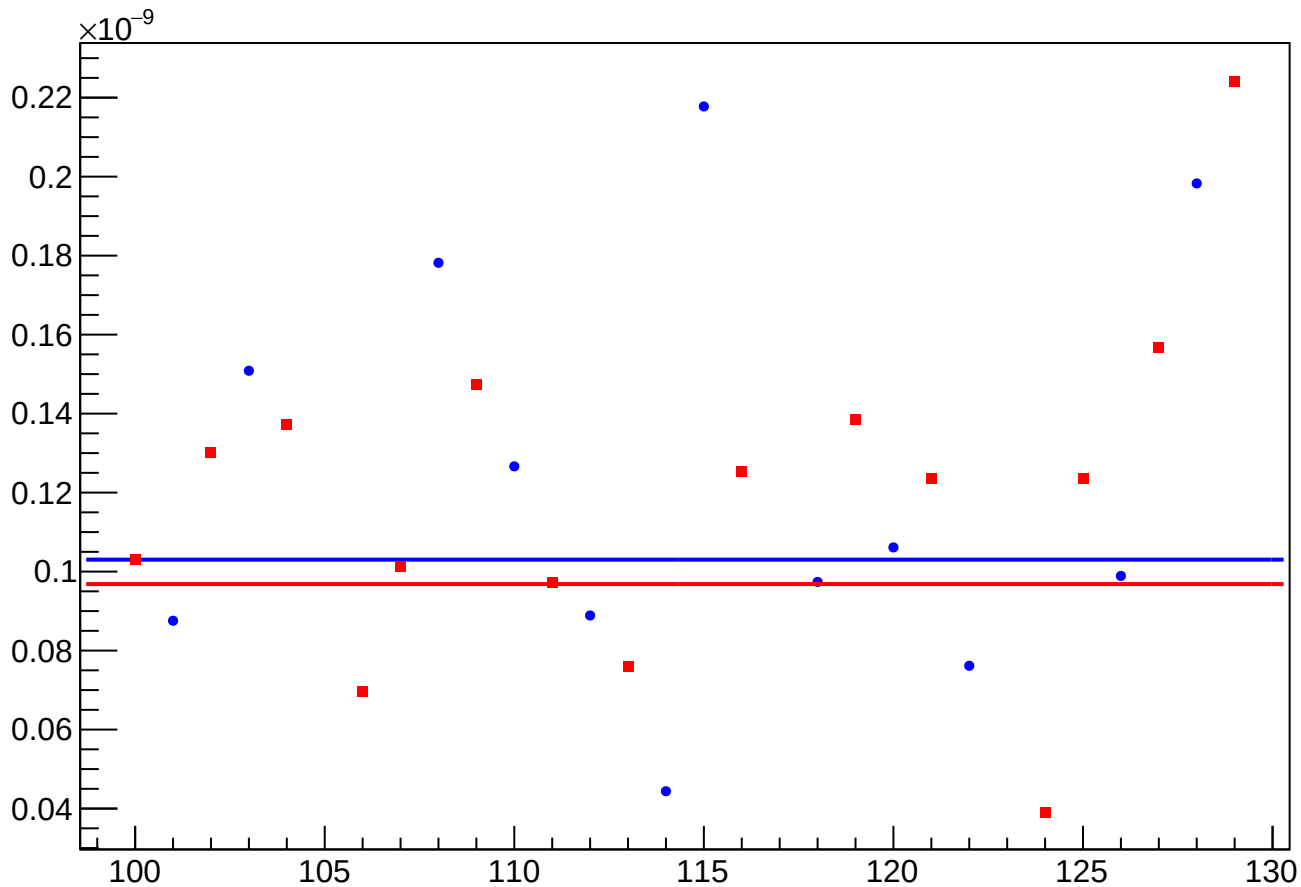
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 34.7/26

In: 0.000 $\pm$ 0.000 χ^2 /NDF:8.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 34.7/26

asym_atl_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 387460.3/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 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

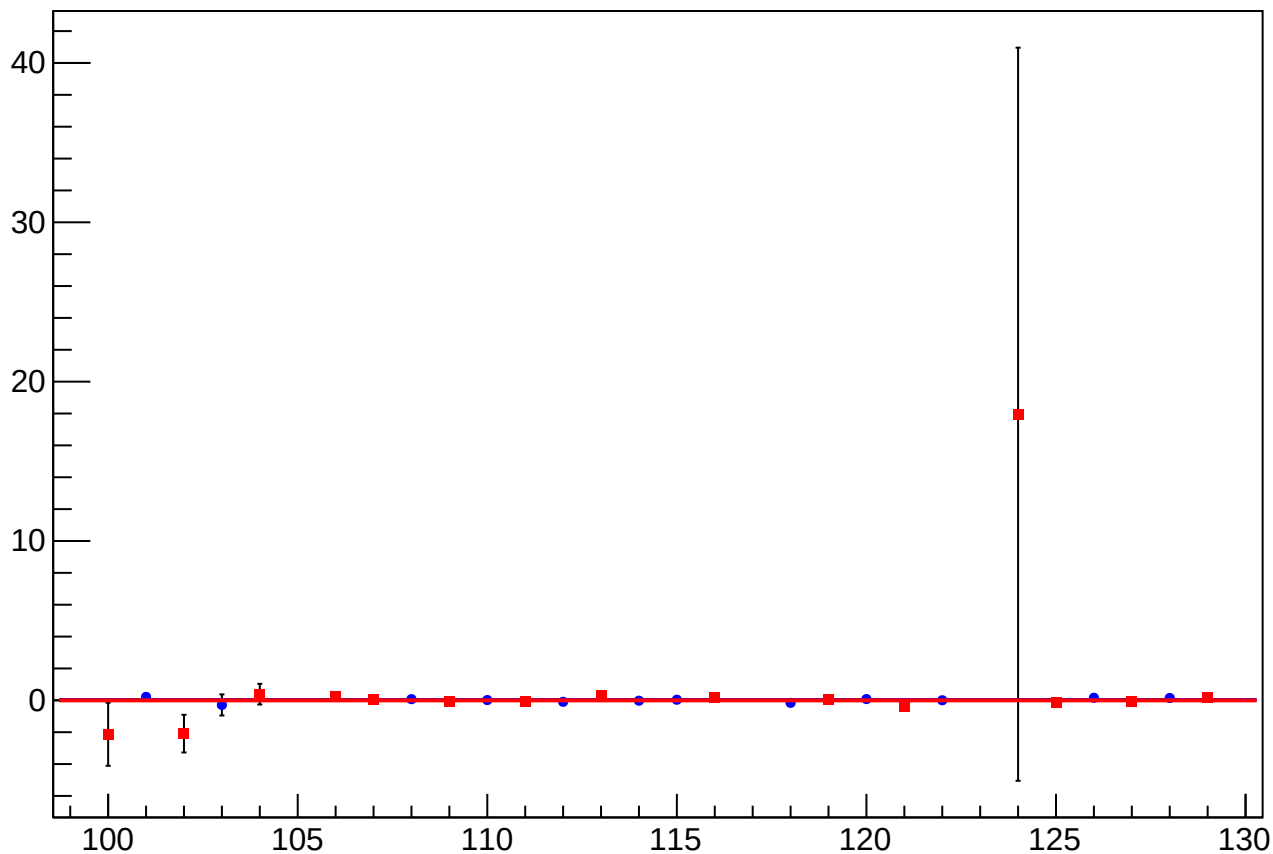
Right: 0.000+/-0.000 χ^2/NDF : 1115869.4/26

In: 0.000+/-0.000 χ^2/NDF : 387460.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1115869.4/26

asym_atl_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.049 χ^2/NDF : 5.0/11

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

Right Out: -0.003+/-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

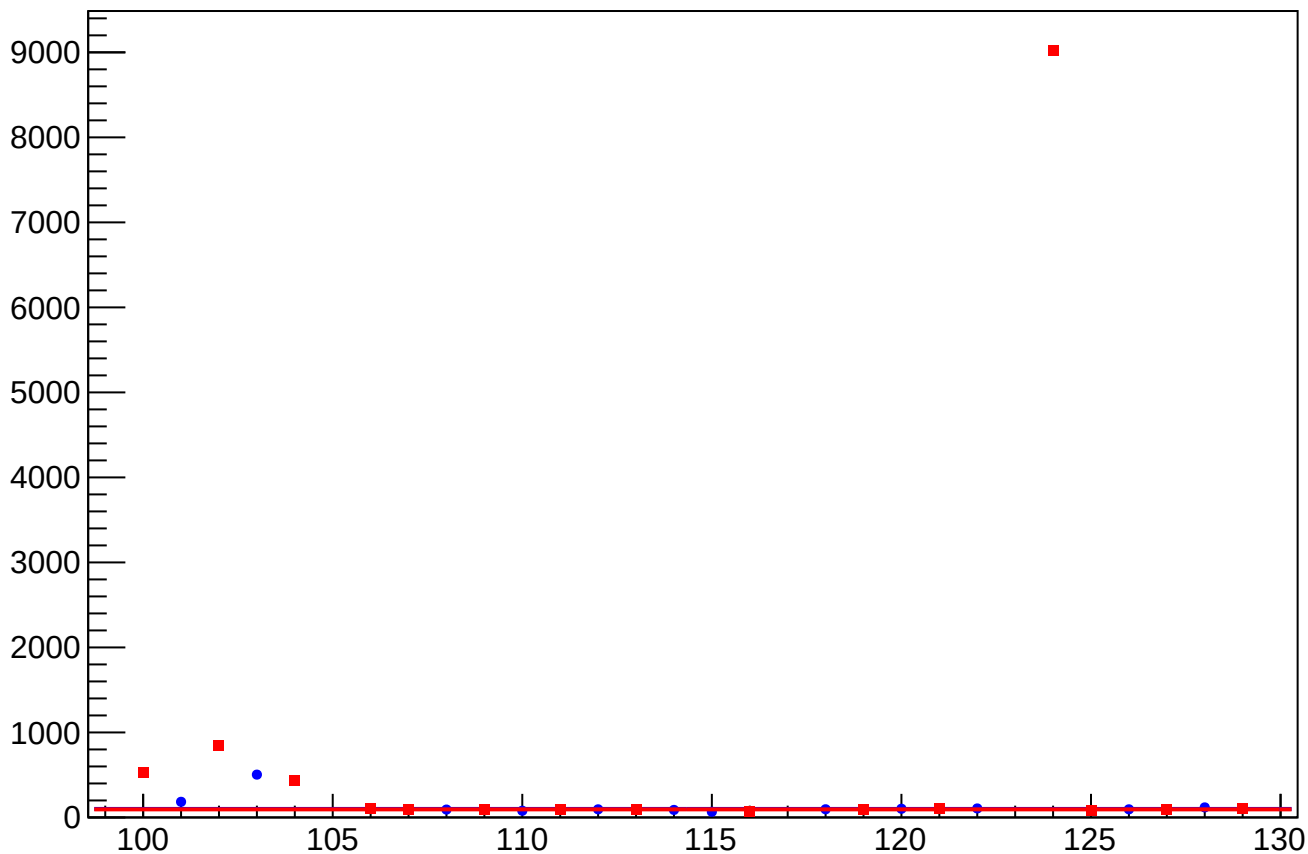
Right: 0.008+/-0.033 χ^2/NDF : 25.4/26

In: 0.020+/-0.049 χ^2/NDF : 5.0/11

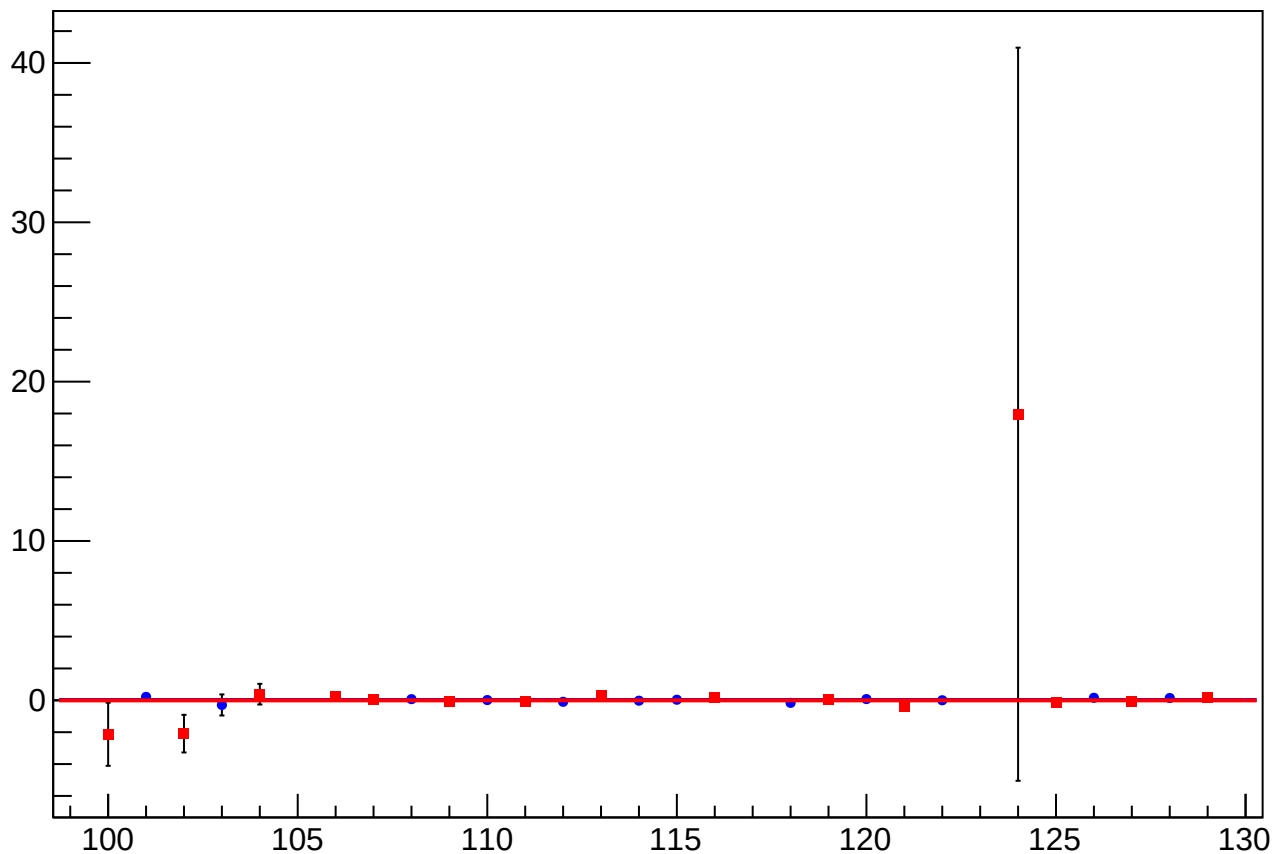
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.033 χ^2/NDF : 25.4/26

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: 0.020 $\pm$ 0.049 χ^2 /NDF: 5.0/11

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

Right Out: -0.003 $\pm$ 0.045 χ^2 /NDF: 20.4/14

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

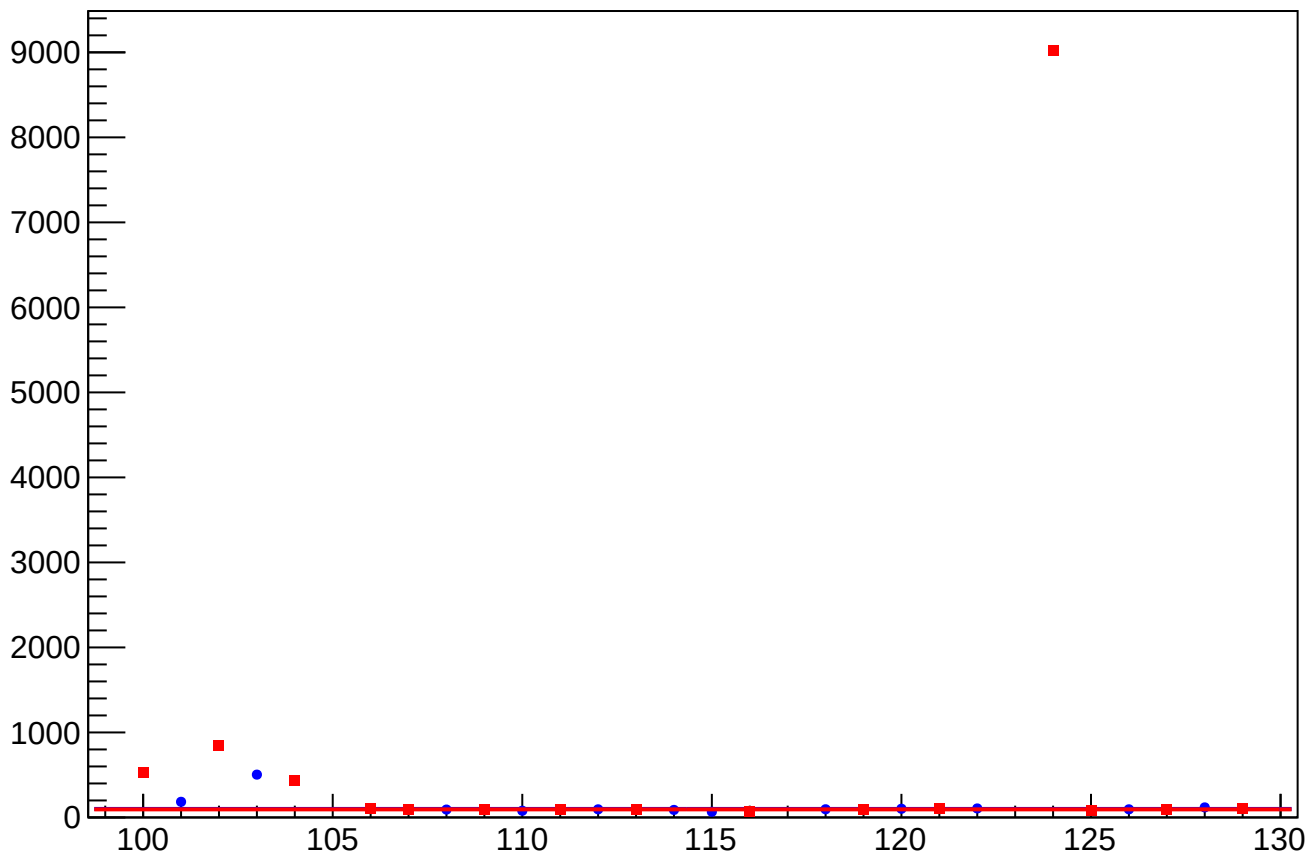
Right: 0.008 $\pm$ 0.033 χ^2 /NDF: 25.4/26

In: 0.020 $\pm$ 0.049 χ^2 /NDF: 5.0/11

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

All: 0.008 $\pm$ 0.033 χ^2 /NDF: 25.4/26

asym_atl_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 100.164+/-0.035 χ^2/NDF : 1152389.1/11

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

Right Out: 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

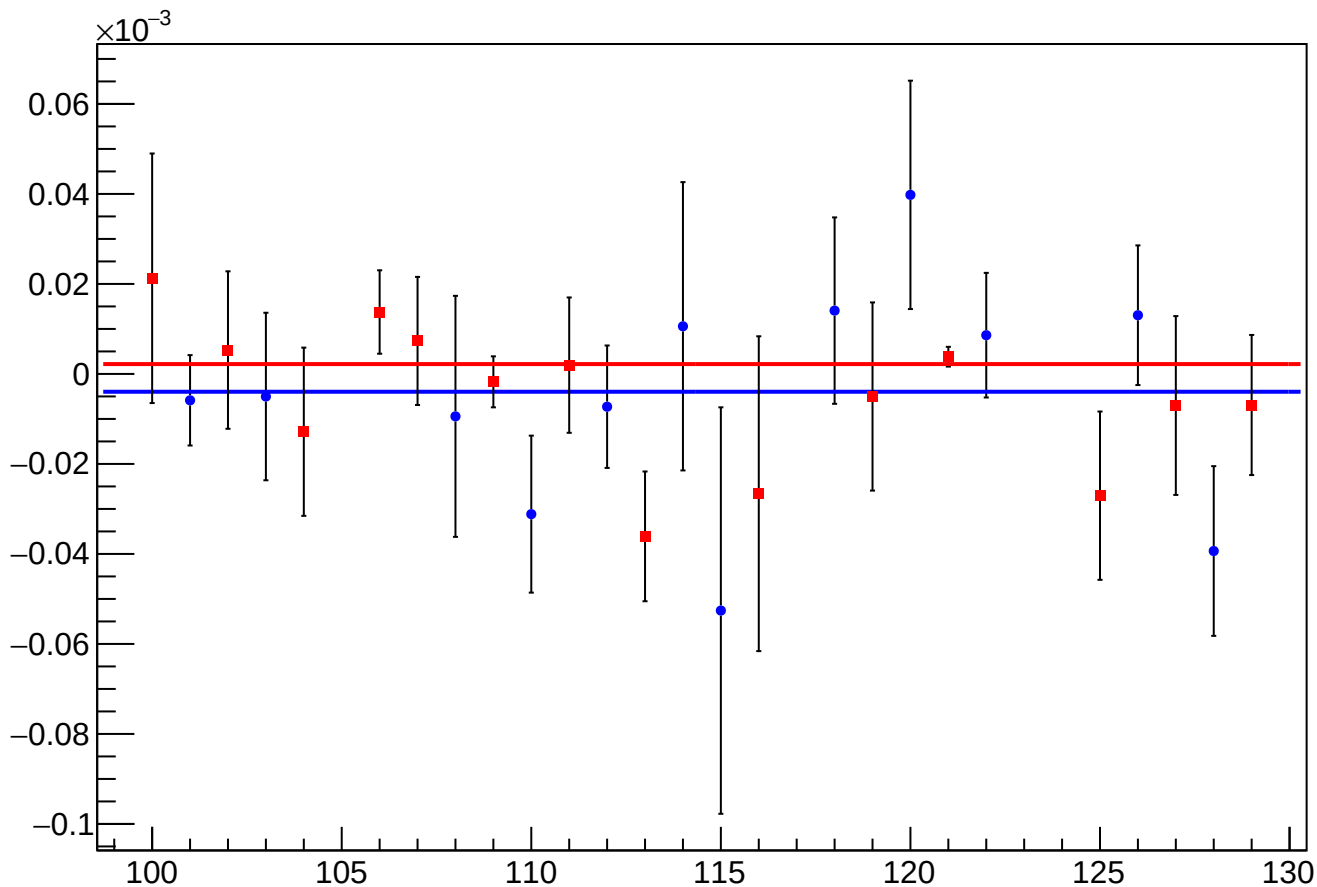
Right: 97.460+/-0.024 χ^2/NDF : 2986728.1/26

In: 100.164+/-0.035 χ^2/NDF : 1152389.1/11

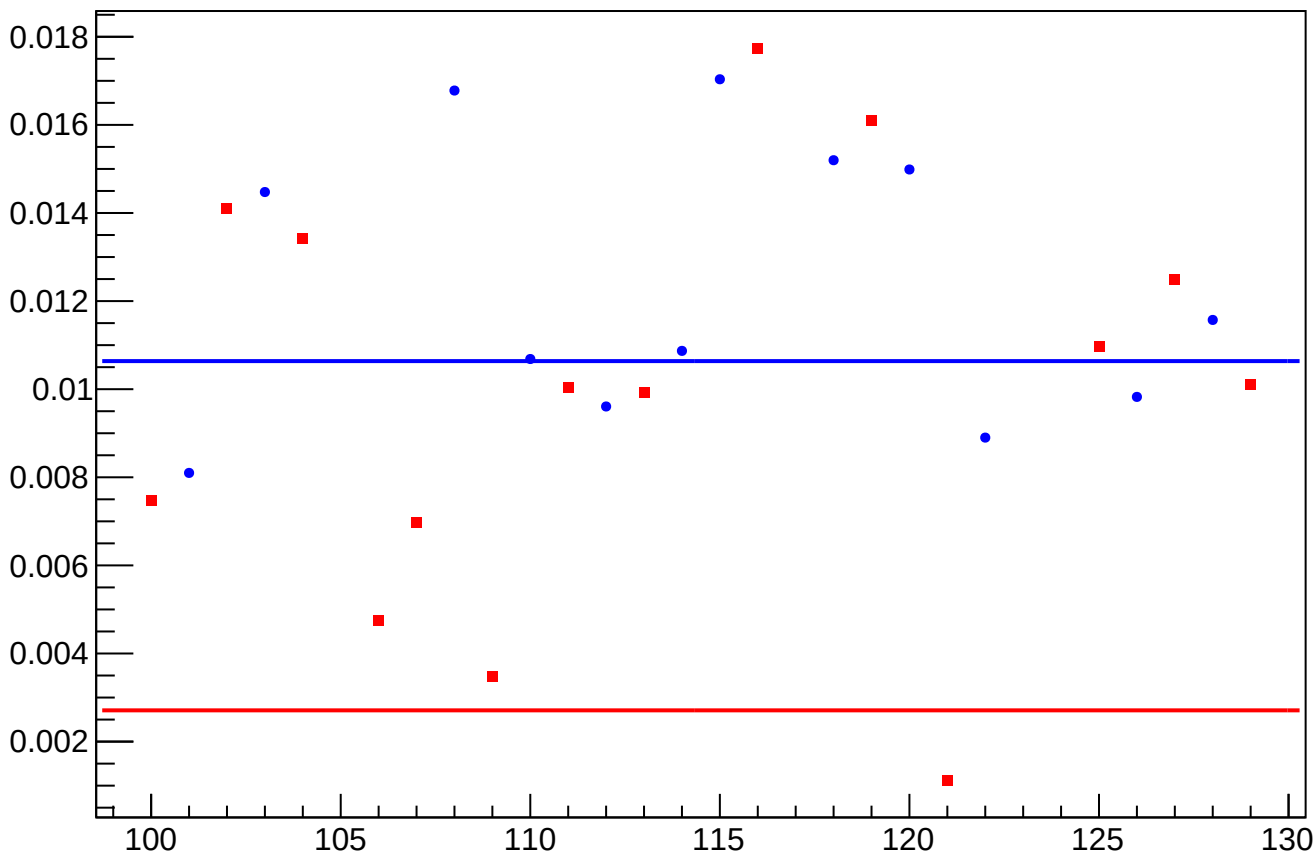
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.460+/-0.024 χ^2/NDF : 2986728.1/26

asym_atl_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



asym_atl_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 567375.1/11

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

Right Out: 0.003+/-0.000 χ^2/NDF : 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

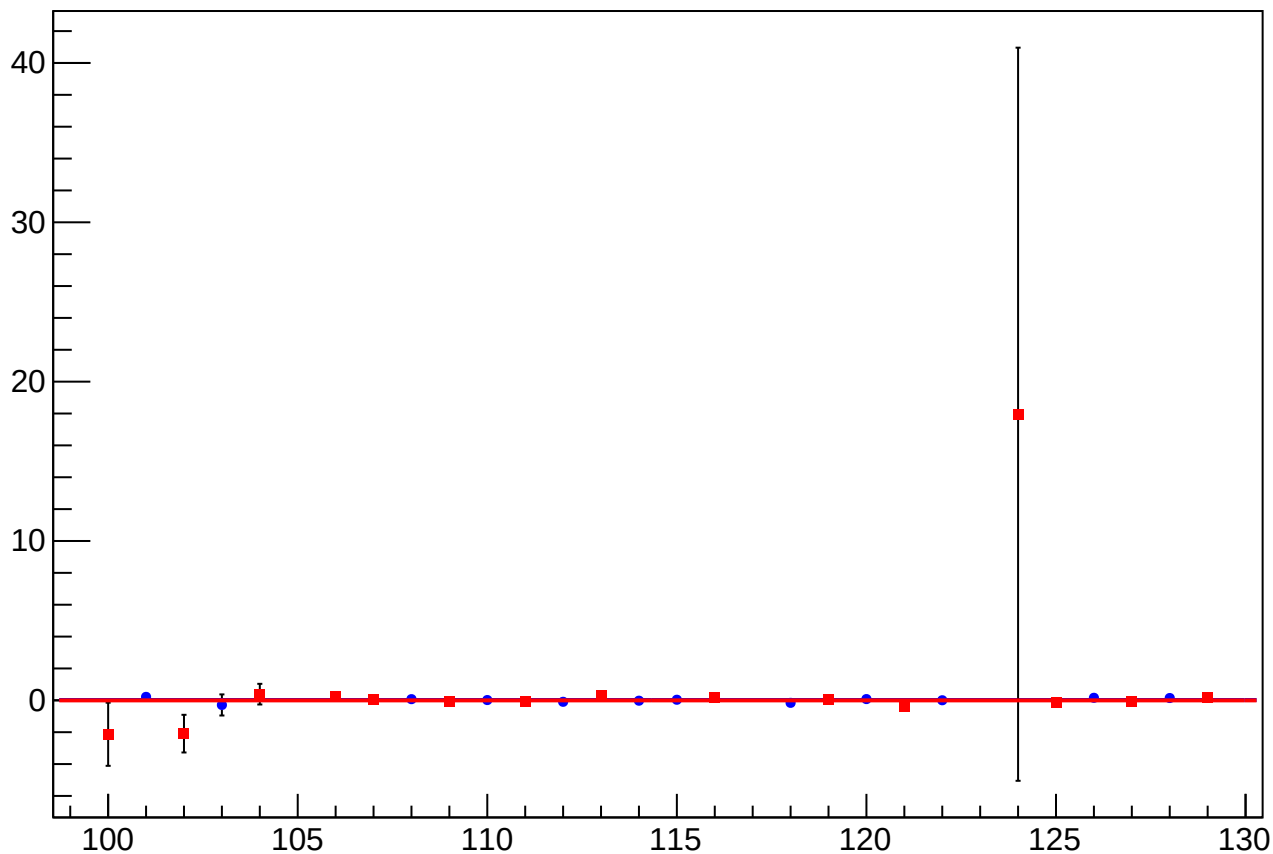
Right: 0.004+/-0.000 χ^2/NDF : 11444338.3/25

In: 0.011+/-0.000 χ^2/NDF : 567375.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 11444338.3/25

asym_atl_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.049 χ^2/NDF : 5.0/11

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

Right Out: -0.003+/-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

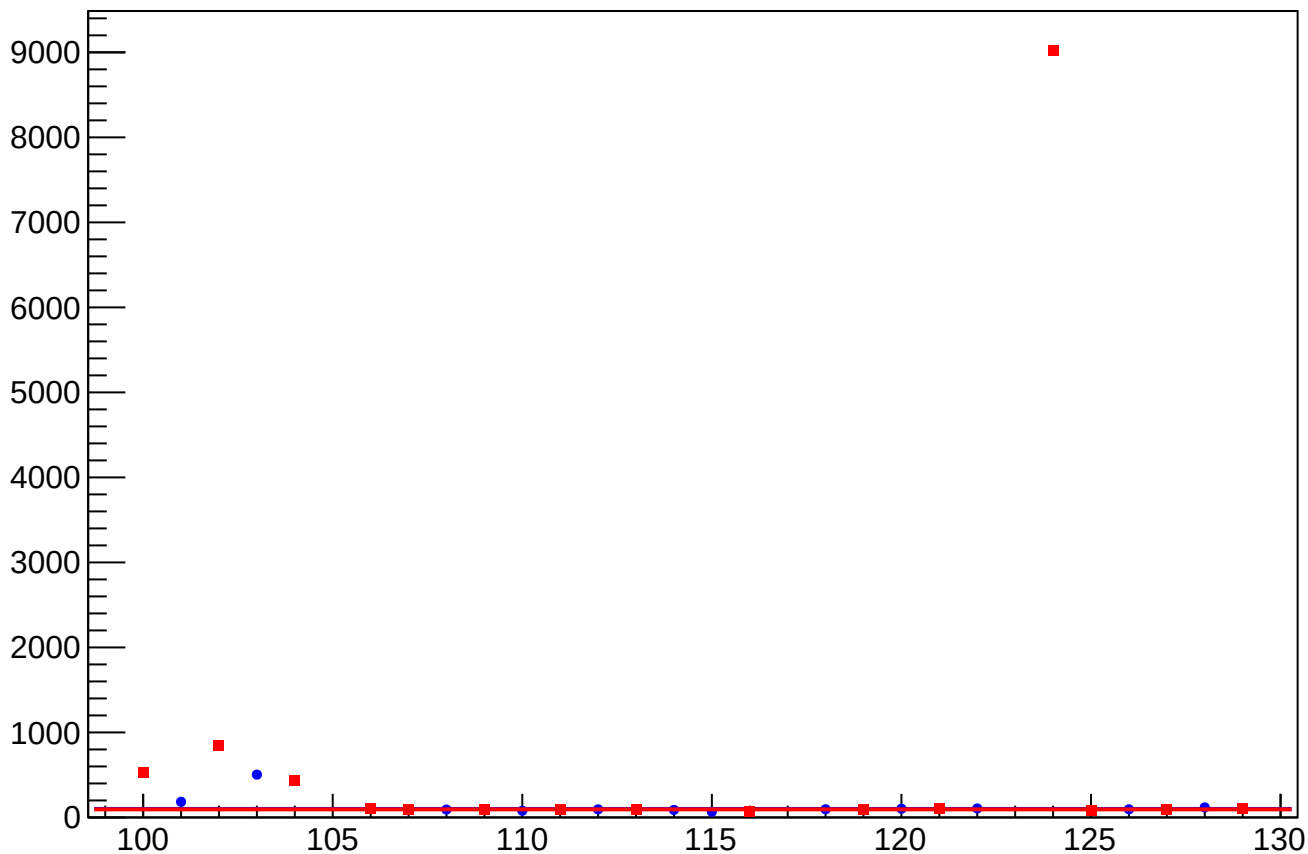
Right: 0.008+/-0.033 χ^2/NDF : 25.4/26

In: 0.020+/-0.049 χ^2/NDF : 5.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.033 χ^2/NDF : 25.4/26

asym_atl_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 100.165+/-0.035 χ^2/NDF : 1152355.7/11

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

Right Out: 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

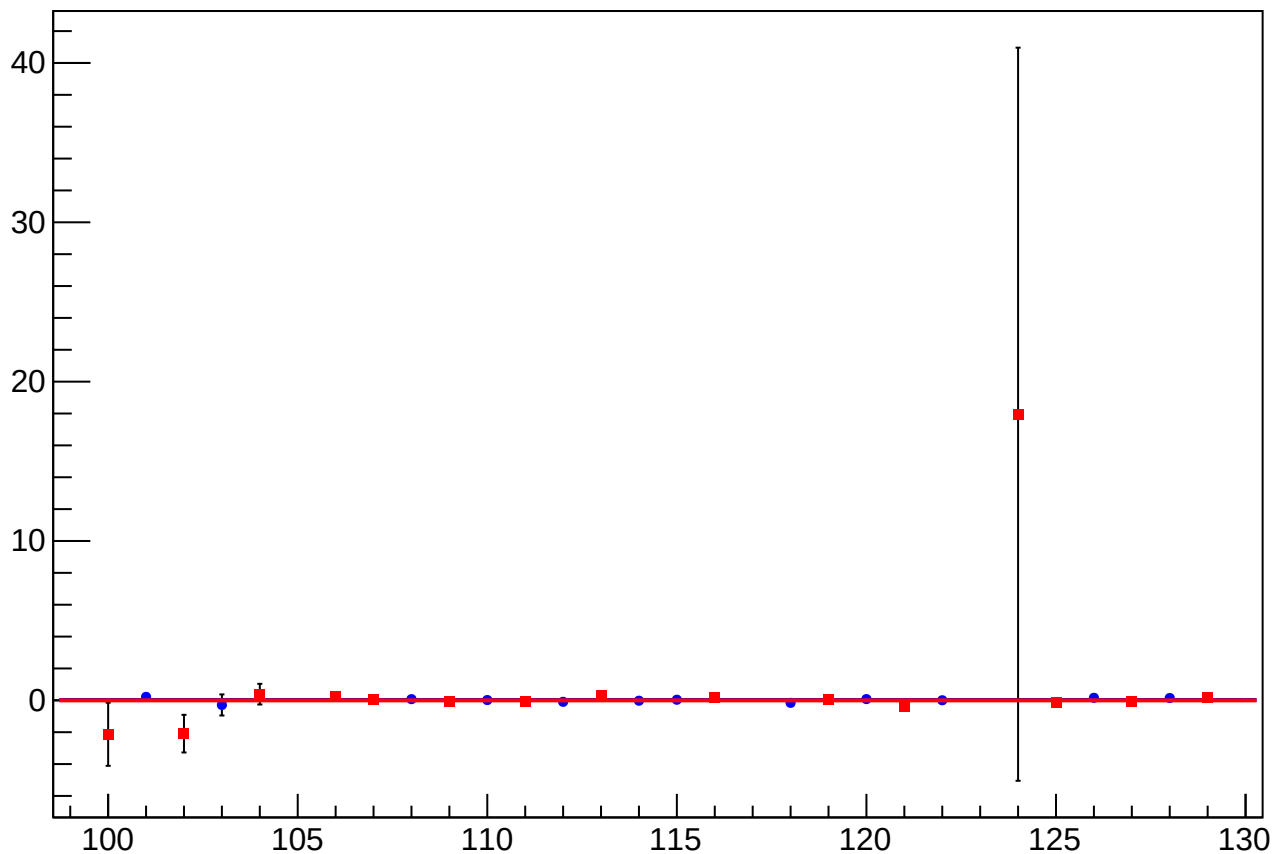
Right: 97.461+/-0.024 χ^2/NDF : 2986635.6/26

In: 100.165+/-0.035 χ^2/NDF : 1152355.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.461+/-0.024 χ^2/NDF : 2986635.6/26

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.049 χ^2/NDF : 5.0/11

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

Right Out: -0.003+/-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

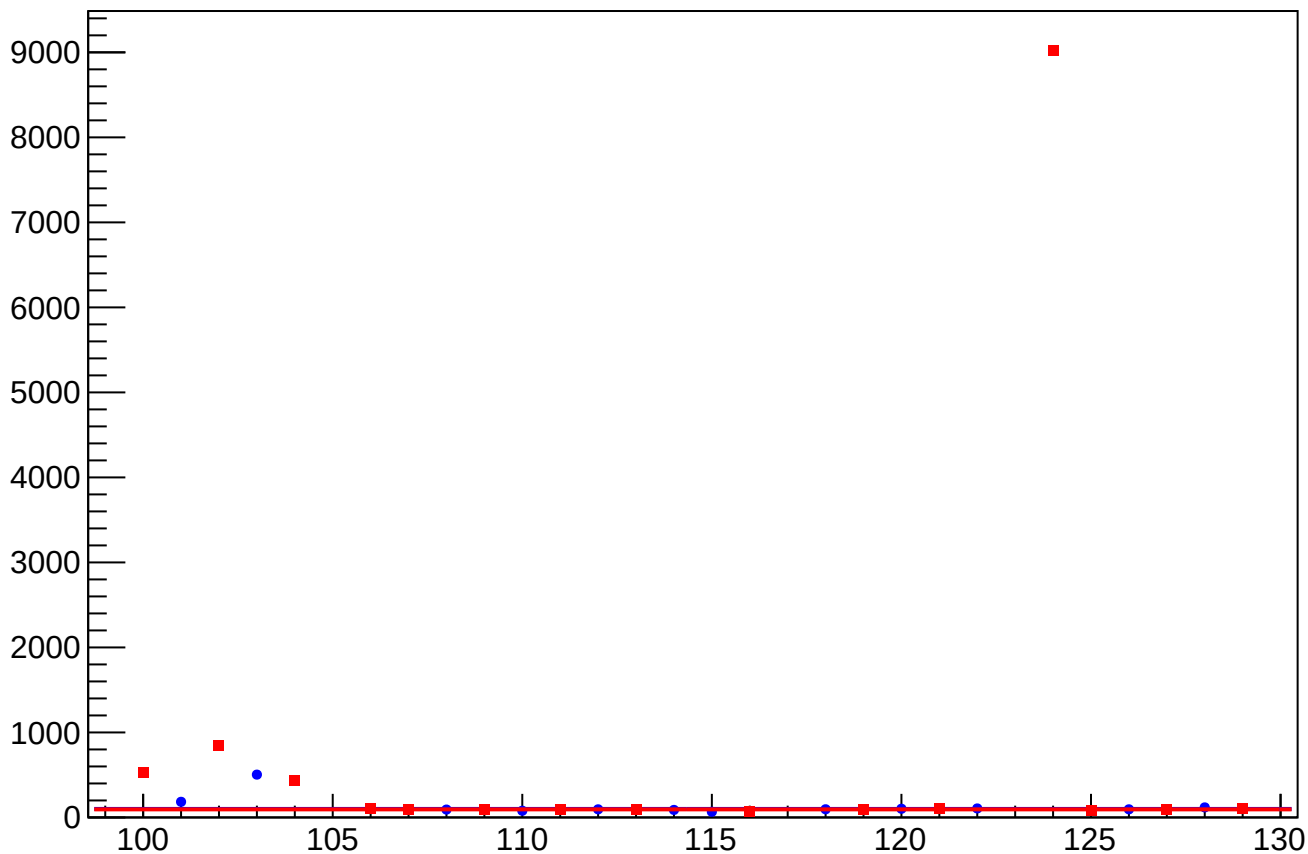
Right: 0.008+/-0.033 χ^2/NDF : 25.4/26

In: 0.020+/-0.049 χ^2/NDF : 5.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.033 χ^2/NDF : 25.4/26

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 100.165+/-0.035 χ^2/NDF : 1152355.7/11

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

Right Out: 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

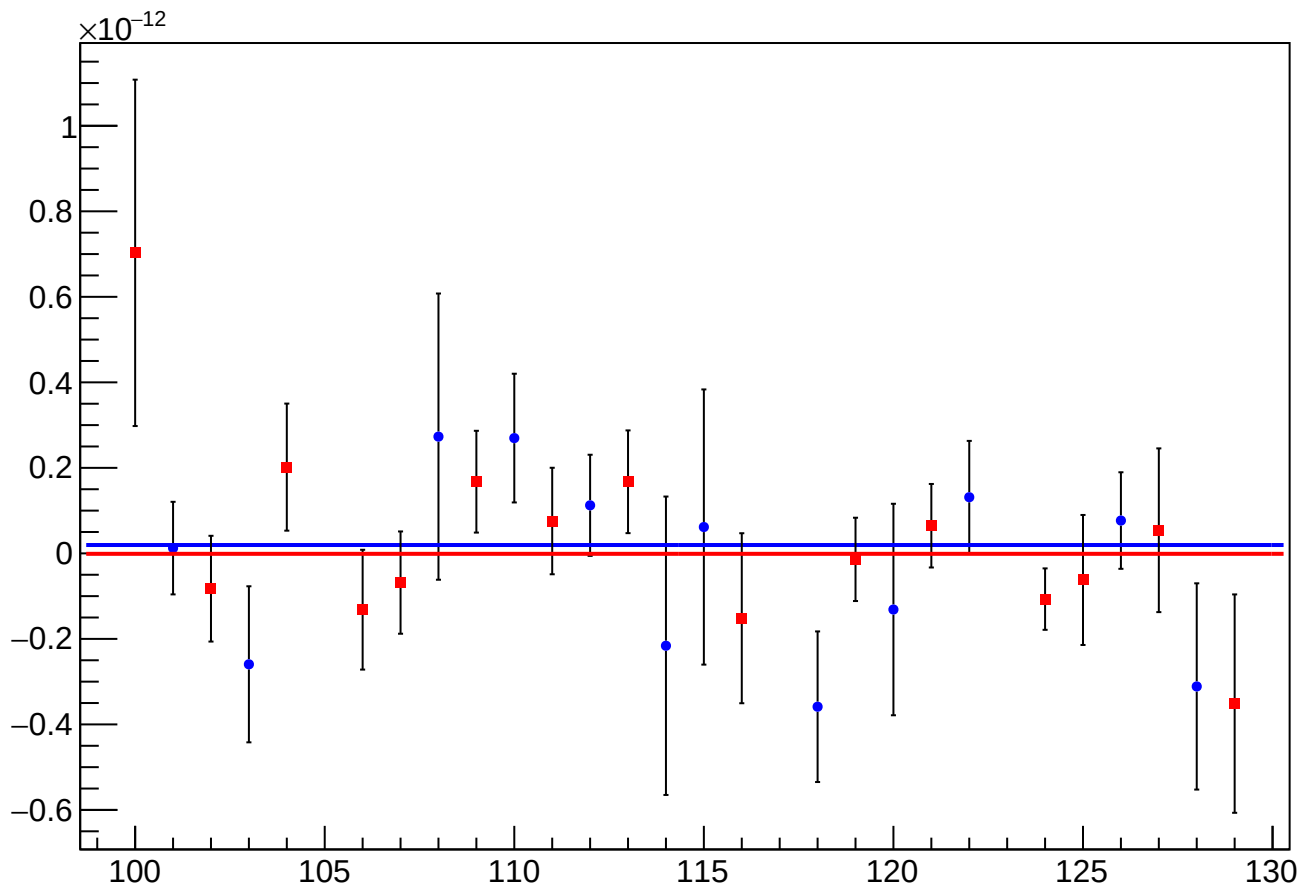
Right: 97.461+/-0.024 χ^2/NDF : 2986635.6/26

In: 100.165+/-0.035 χ^2/NDF : 1152355.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.461+/-0.024 χ^2/NDF : 2986635.6/26

asym_atl_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.6/11

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

Right Out: -0.000+/-0.000 χ^2/NDF : 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

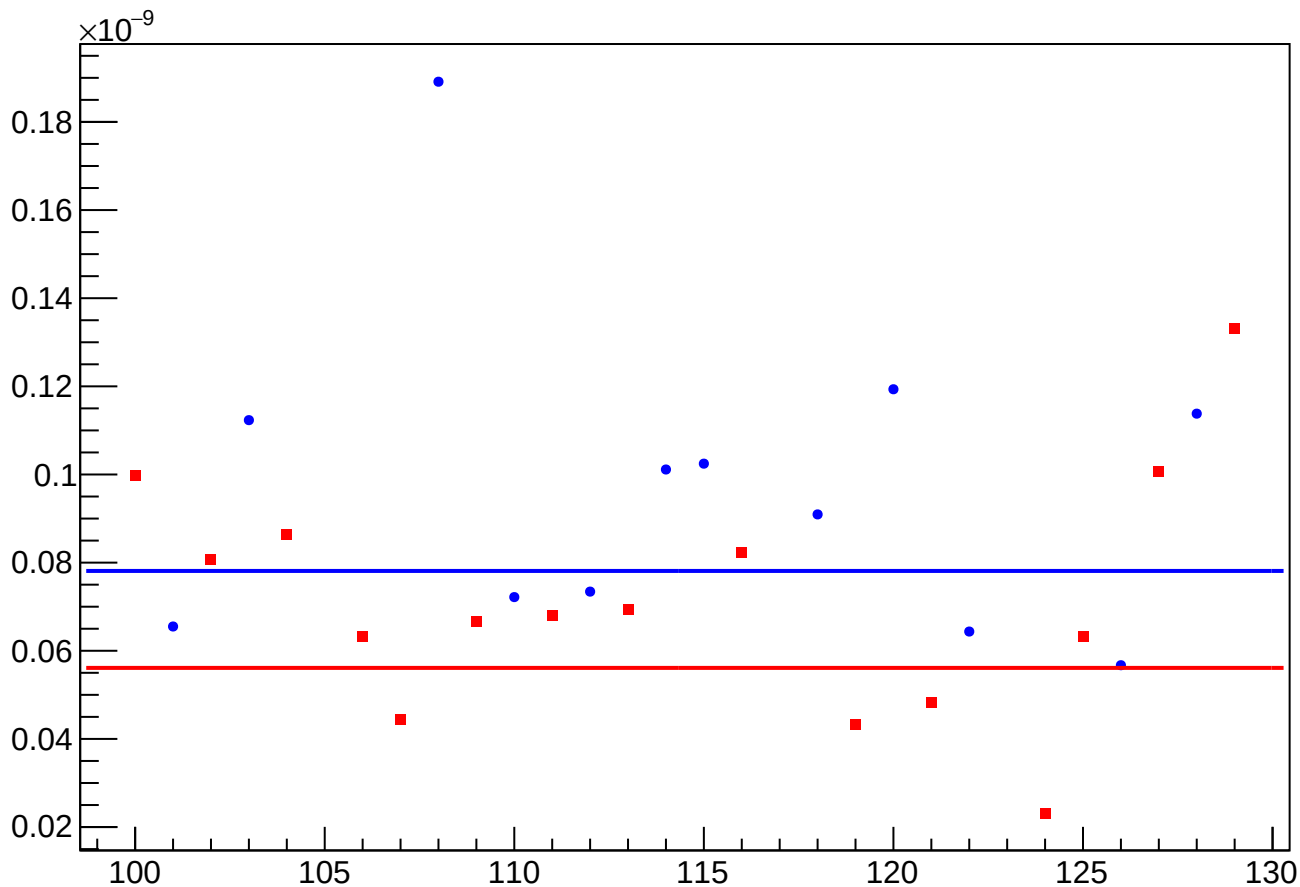
Right: 0.000+/-0.000 χ^2/NDF : 30.9/26

In: 0.000+/-0.000 χ^2/NDF : 14.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.9/26

asym_atl_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 547366.3/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 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

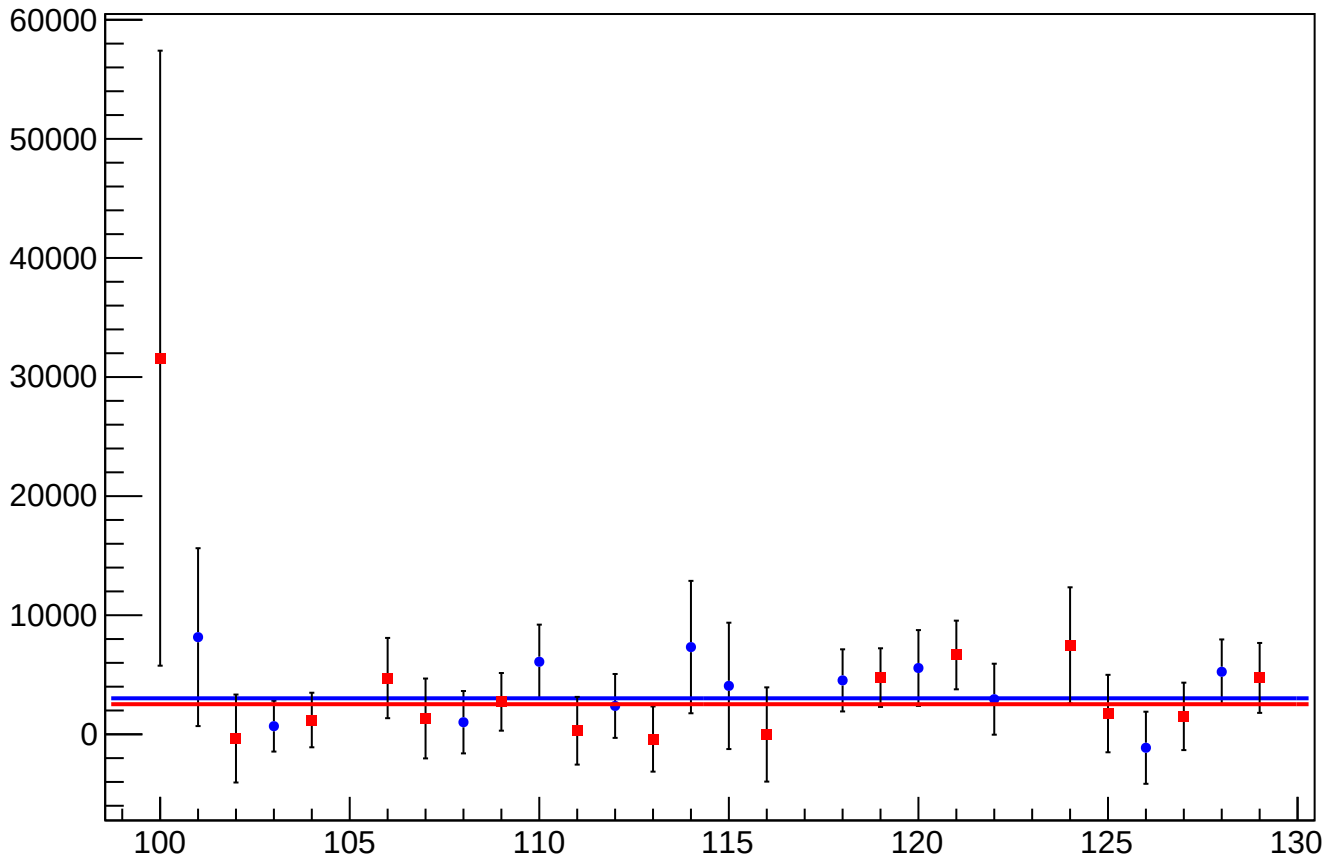
Right: 0.000+/-0.000 χ^2/NDF : 1918279.0/26

In: 0.000+/-0.000 χ^2/NDF : 547366.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1918279.0/26

reg_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3024.113+/-878.469 χ^2/NDF : 7.5/11

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

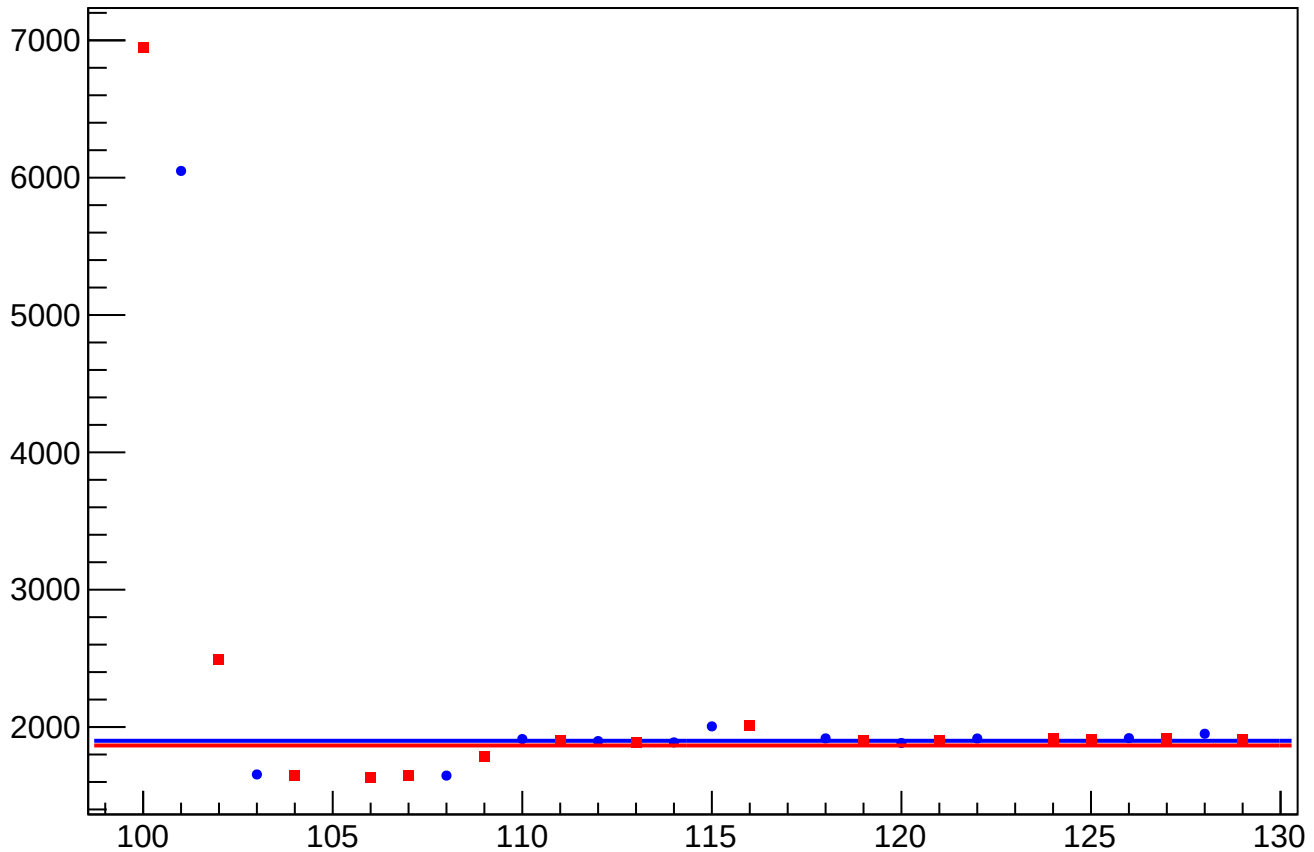
Right: 2750.196+/-587.962 χ^2/NDF : 17.2/26

In: 3024.113+/-878.469 χ^2/NDF : 7.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2750.196+/-587.962 χ^2/NDF : 17.2/26

reg_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1899.854+/-0.621 χ^2 /NDF: 664149.8/11

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

Right Out: 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

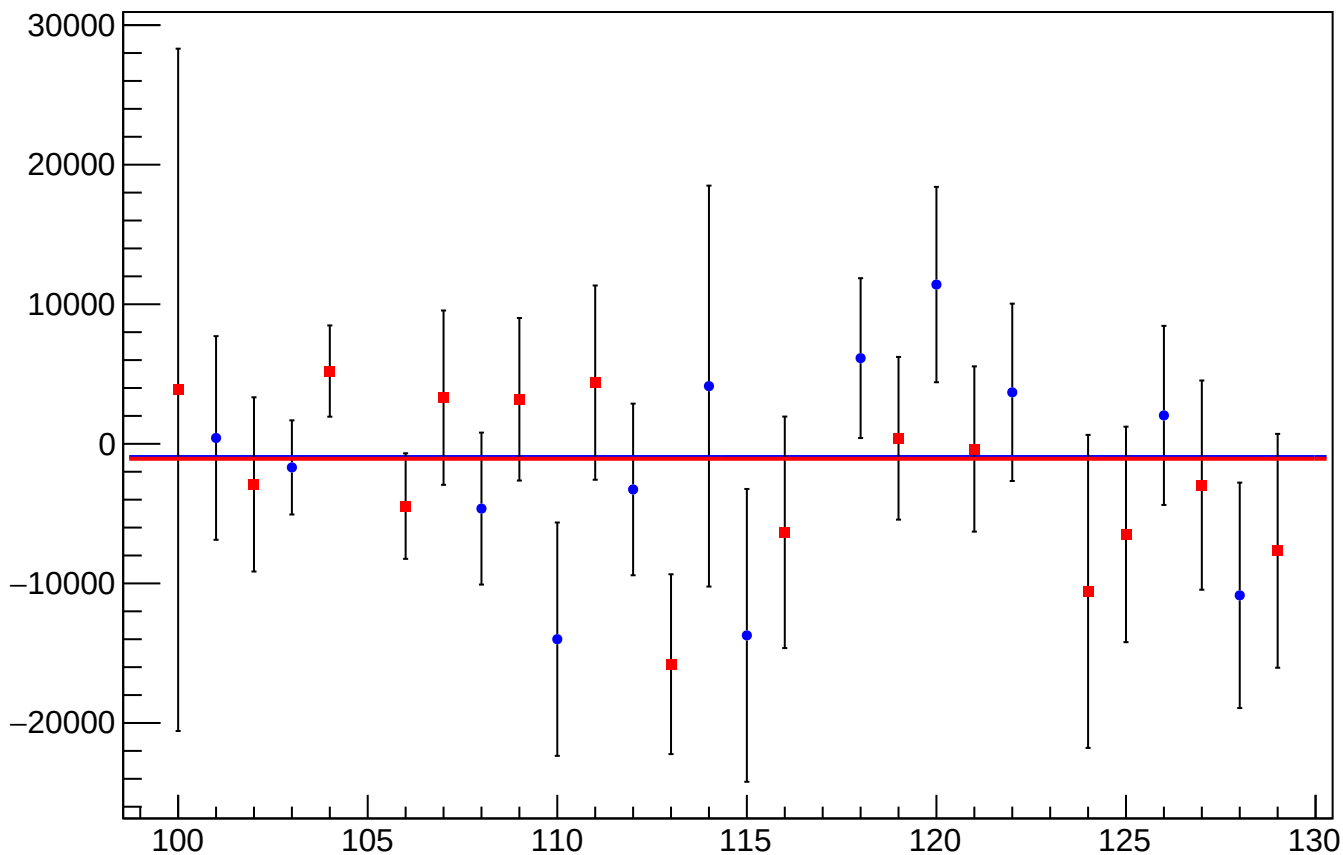
Right: 1881.051+/-0.415 χ^2 /NDF: 845578.8/26

In: 1899.854+/-0.621 χ^2 /NDF:664149.8/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1881.051+/-0.415 χ^2 /NDF: 845578.8/26

asym_atr_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -947.109+/-1794.773 χ^2/NDF : 11.6/11

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

Right Out: -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

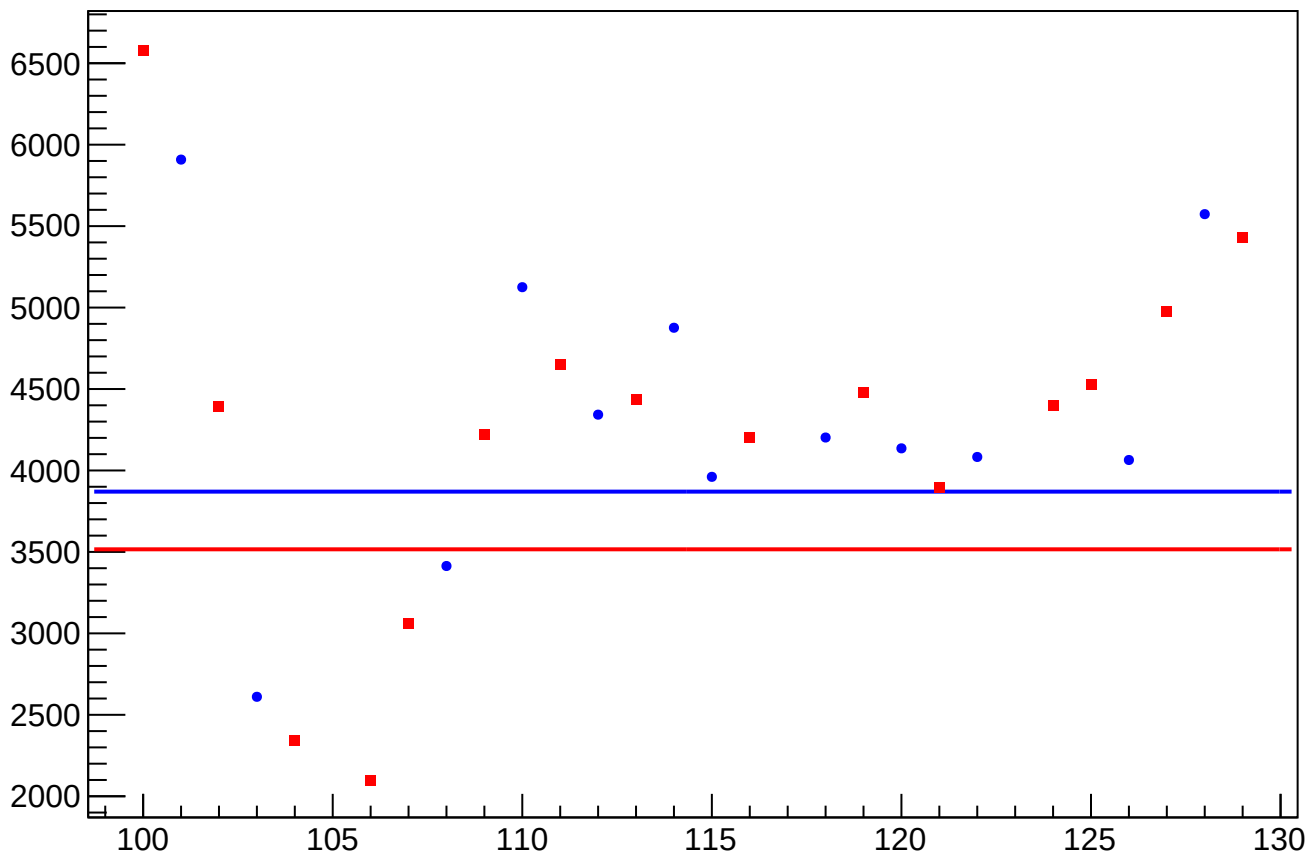
Right: -1017.512+/-1170.063 χ^2/NDF : 25.5/26

In: -947.109+/-1794.773 χ^2/NDF : 11.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1017.512+/-1170.063 χ^2/NDF : 25.5/26

asym_atr_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3870.114+/-1.269 χ^2/NDF : 618615.8/11

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

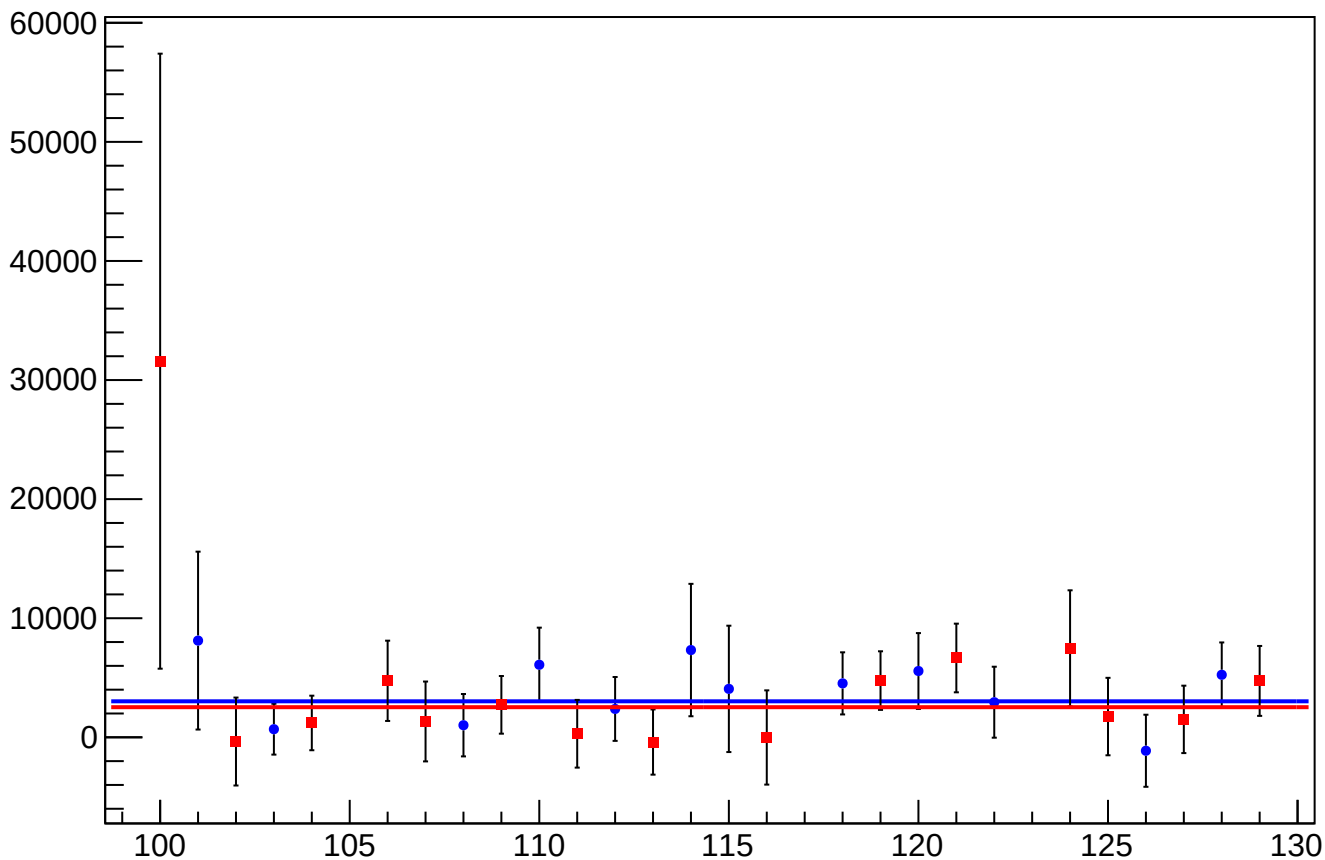
Right: 3666.487+/-0.827 χ^2/NDF : 1711409.9/26

In: 3870.114+/-1.269 χ^2/NDF : 618615.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3666.487+/-0.827 χ^2/NDF : 1711409.9/26

cor_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3023.148+/-878.469 χ^2/NDF : 7.4/11

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

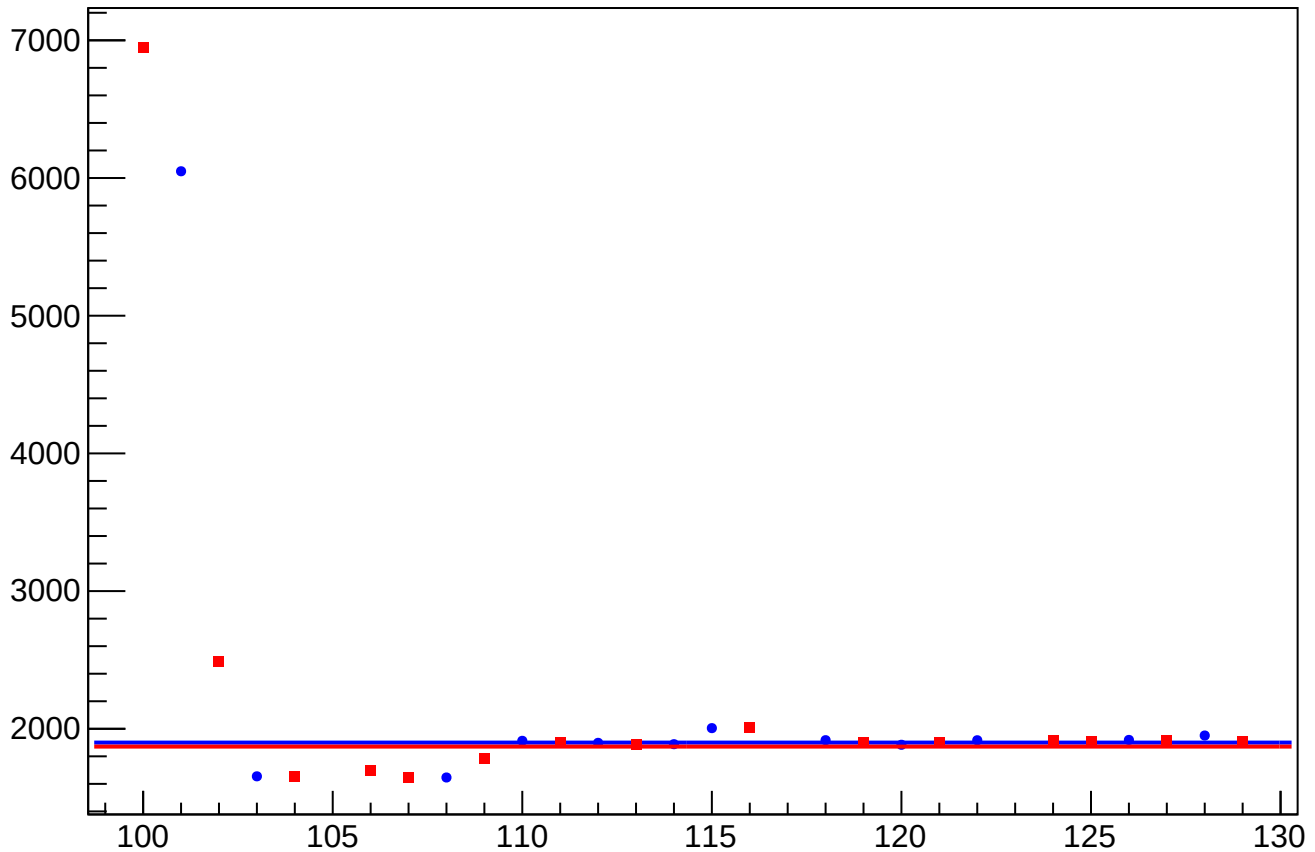
Right: 2750.599+/-587.965 χ^2/NDF : 17.2/26

In: 3023.148+/-878.469 χ^2/NDF : 7.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2750.599+/-587.965 χ^2/NDF : 17.2/26

cor_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1899.855+/-0.621 χ^2 /NDF: 664149.0/11

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

Right Out: 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

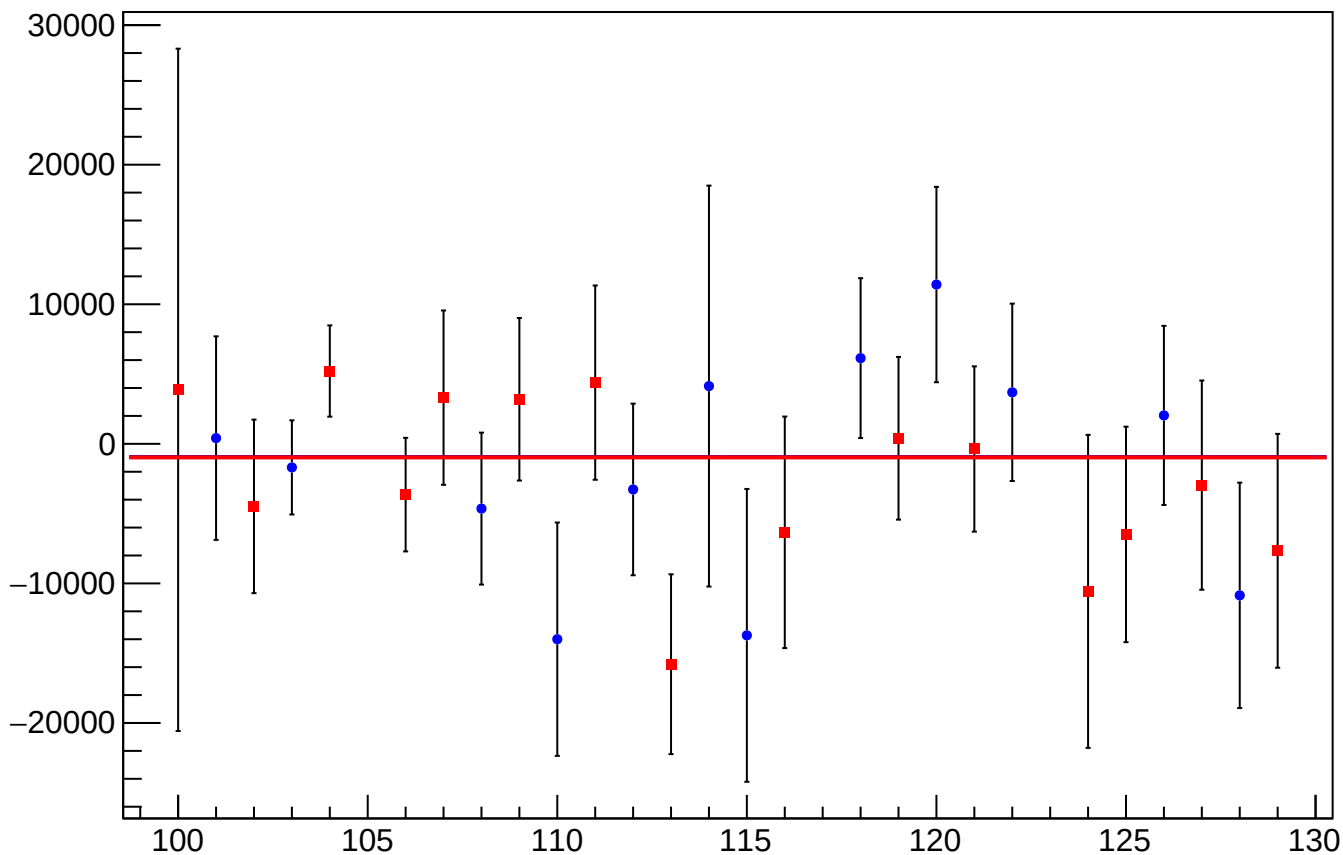
Right: 1883.755+/-0.415 χ^2 /NDF: 839431.2/26

In: 1899.855+/-0.621 χ^2 /NDF:664149.0/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1883.755+/-0.415 χ^2 /NDF: 839431.2/26

asym_atr_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -947.599+/-1794.778 χ^2/NDF : 11.6/11

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

Right Out: -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

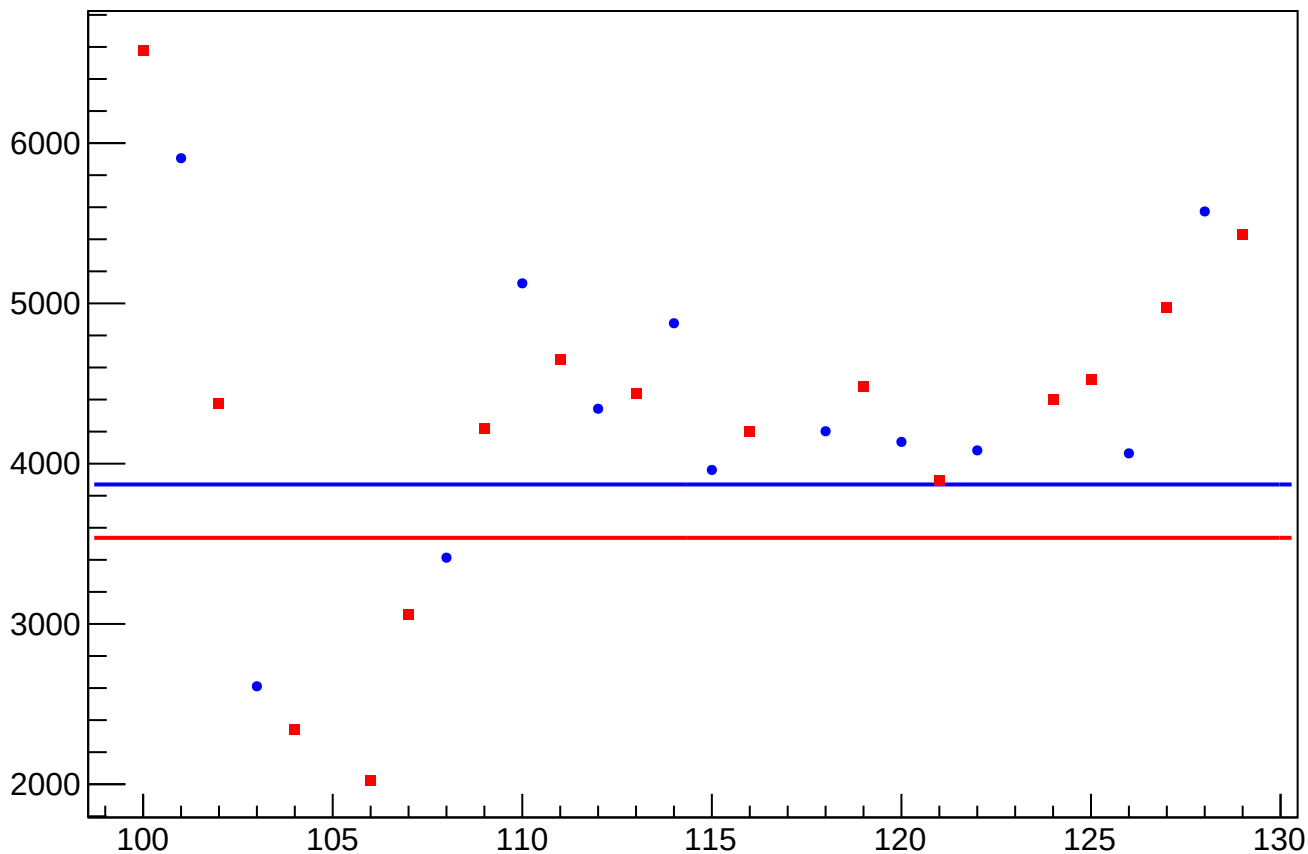
Right: -960.351+/-1177.612 χ^2/NDF : 25.3/26

In: -947.599+/-1794.778 χ^2/NDF : 11.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -960.351+/-1177.612 χ^2/NDF : 25.3/26

asym_atr_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3870.234+/-1.269 χ^2/NDF : 618150.5/11

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

Right Out: 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

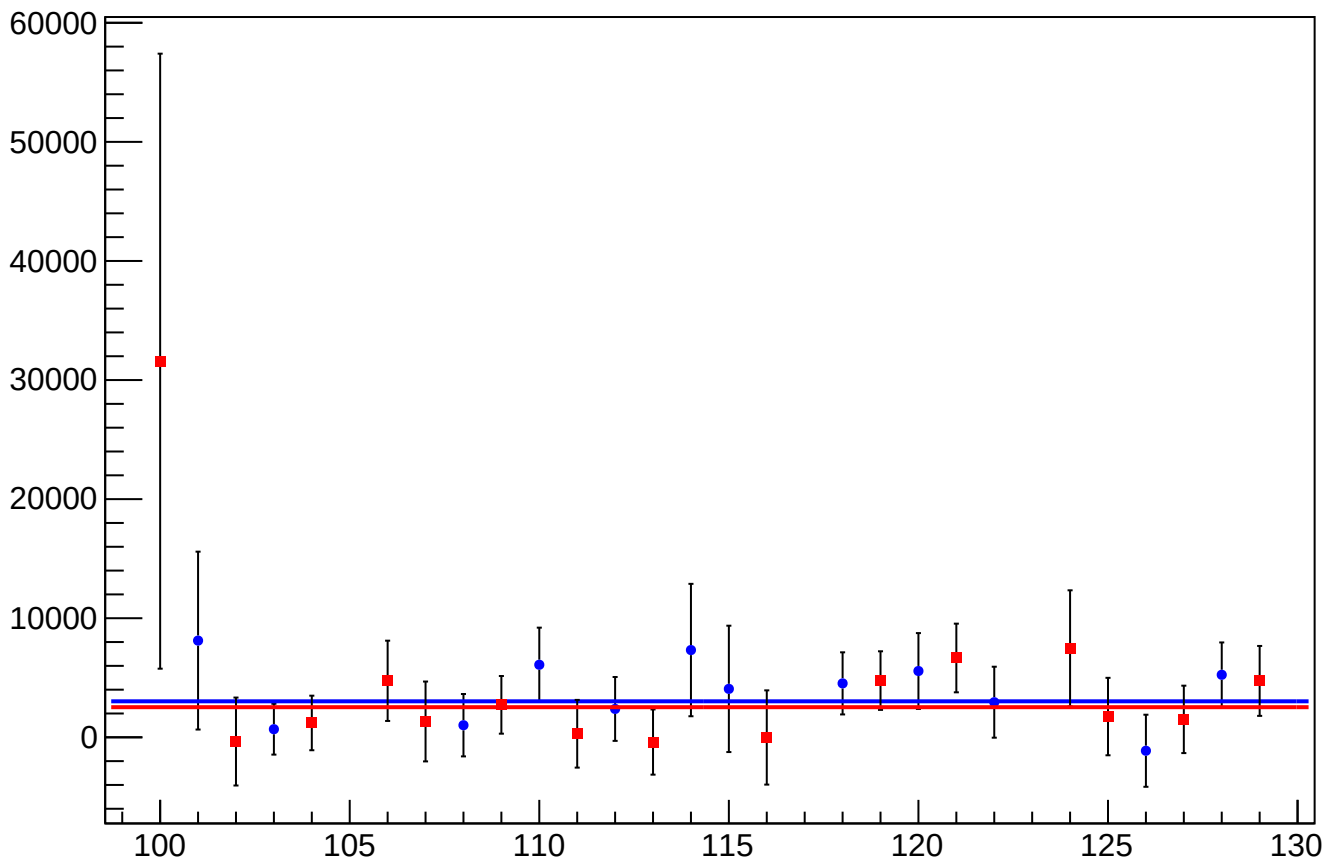
Right: 3680.630+/-0.833 χ^2/NDF : 1690703.3/26

In: 3870.234+/-1.269 χ^2/NDF : 618150.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3680.630+/-0.833 χ^2/NDF : 1690703.3/26

eigen_cor_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3023.148+/-878.469 χ^2/NDF : 7.4/11

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

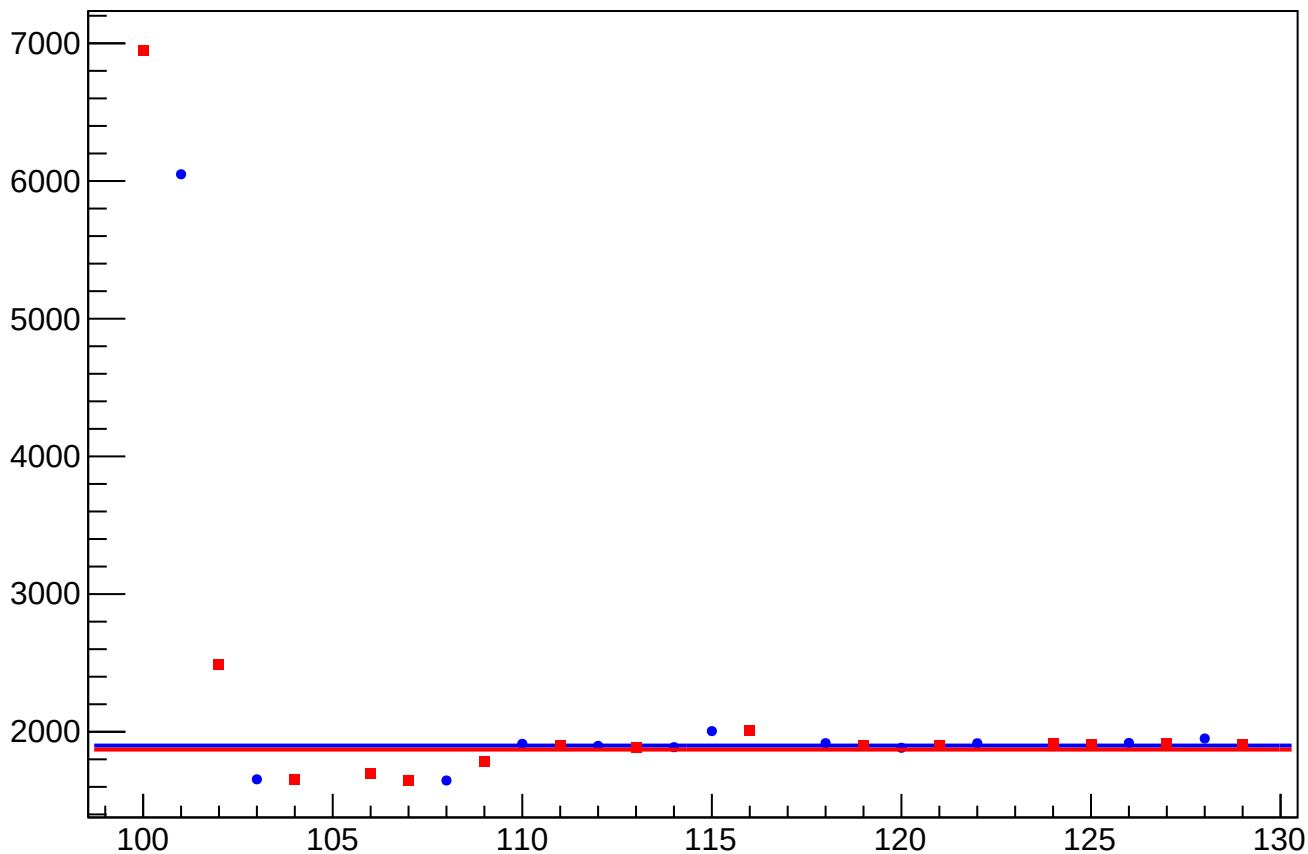
Right: 2750.599+/-587.965 χ^2/NDF : 17.2/26

In: 3023.148+/-878.469 χ^2/NDF : 7.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2750.599+/-587.965 χ^2/NDF : 17.2/26

eigen_cor_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1899.855+/-0.621 χ^2 /NDF: 664149.0/11

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

Right Out: 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

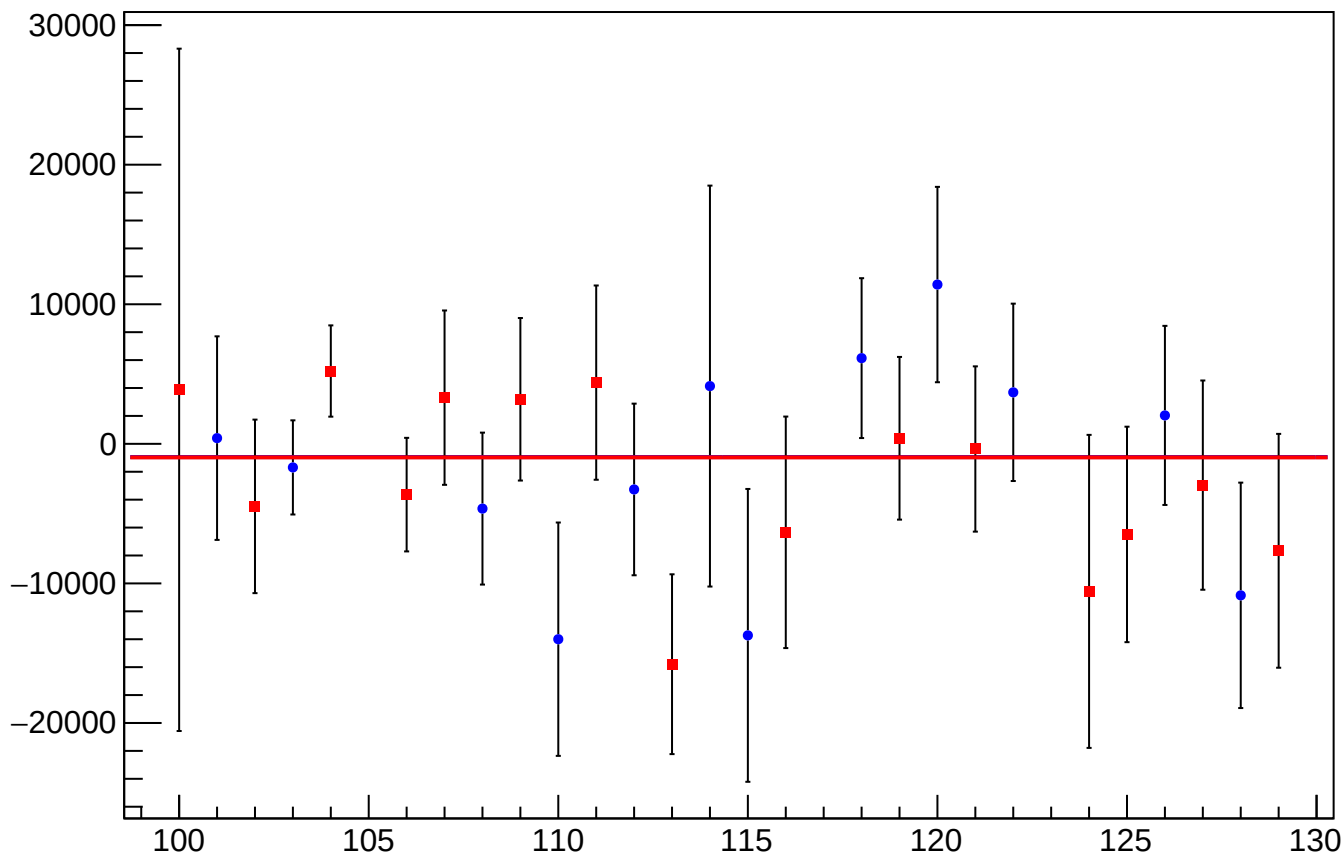
Right: 1883.755+/-0.415 χ^2 /NDF: 839431.2/26

In: 1899.855+/-0.621 χ^2 /NDF:664149.0/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1883.755+/-0.415 χ^2 /NDF: 839431.2/26

asym_atr_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -947.599+/-1794.778 χ^2/NDF : 11.6/11

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

Right Out: -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

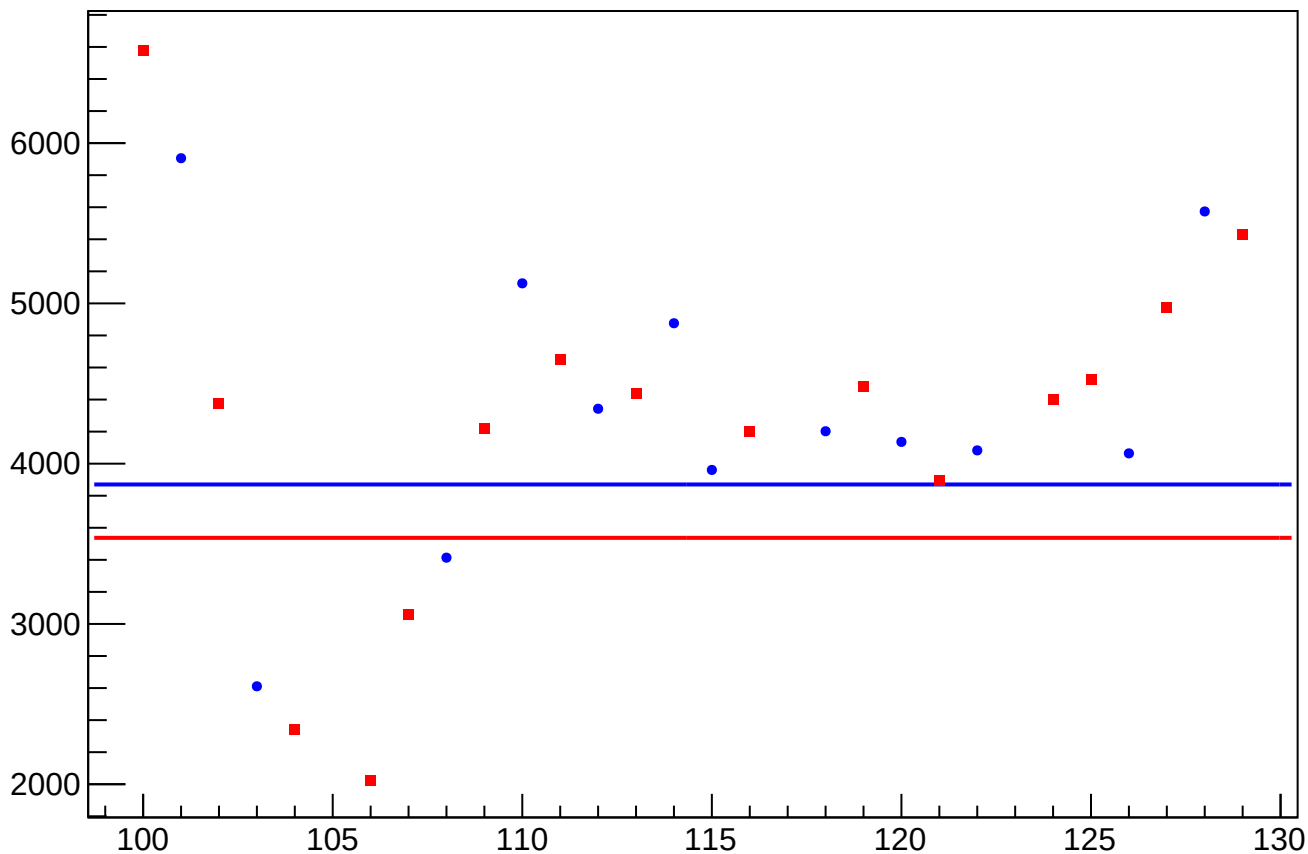
Right: -960.351+/-1177.612 χ^2/NDF : 25.3/26

In: -947.599+/-1794.778 χ^2/NDF : 11.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -960.351+/-1177.612 χ^2/NDF : 25.3/26

asym_atr_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3870.234+/-1.269 χ^2/NDF : 618150.5/11

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

Right Out: 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

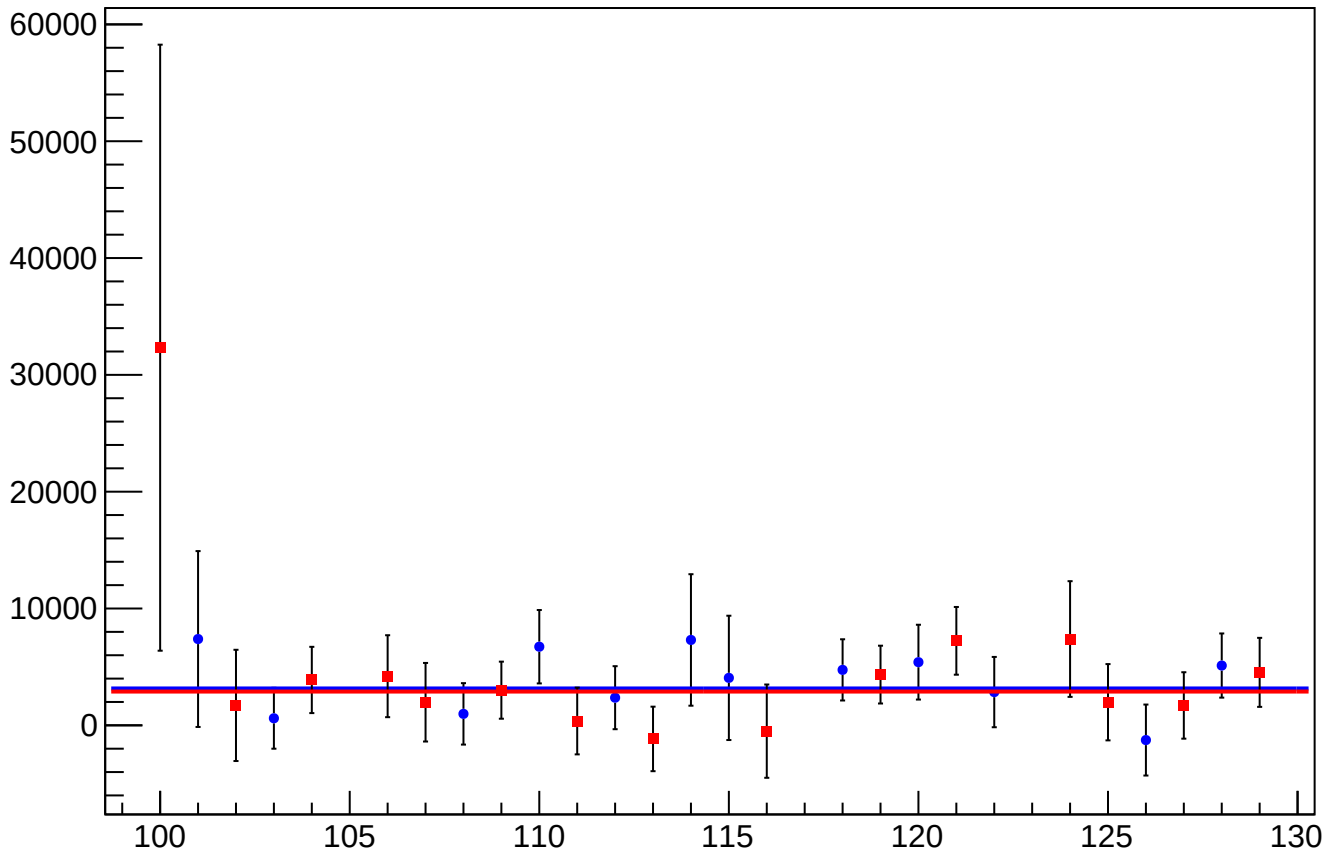
Right: 3680.630+/-0.833 χ^2/NDF : 1690703.3/26

In: 3870.234+/-1.269 χ^2/NDF : 618150.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3680.630+/-0.833 χ^2/NDF : 1690703.3/26

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3155.817+/-909.214 χ^2/NDF : 7.4/11

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

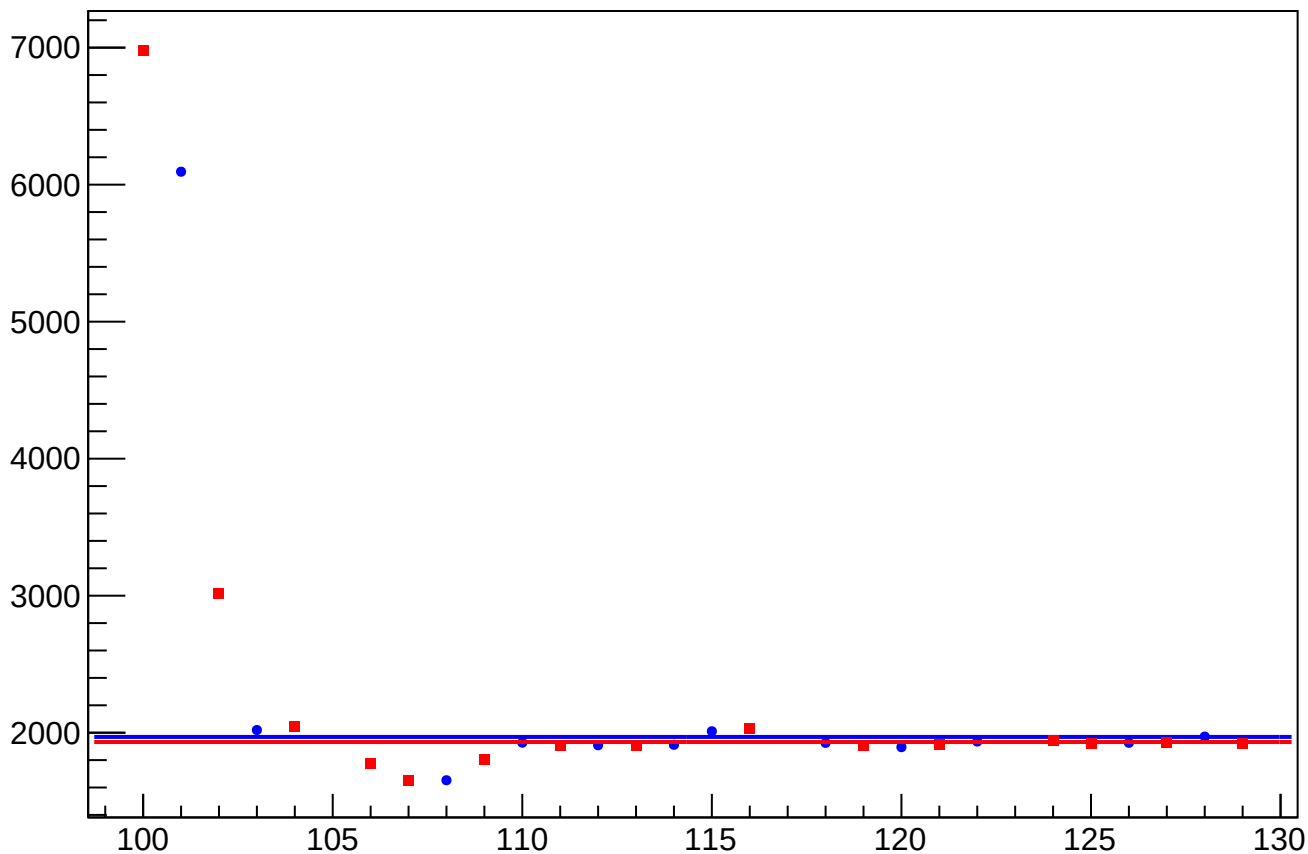
Right: 3010.080+/-609.878 χ^2/NDF : 16.8/26

In: 3155.817+/-909.214 χ^2/NDF : 7.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3010.080+/-609.878 χ^2/NDF : 16.8/26

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1969.223+/-0.643 χ^2/NDF : 634258.8/11

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

Right Out: 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

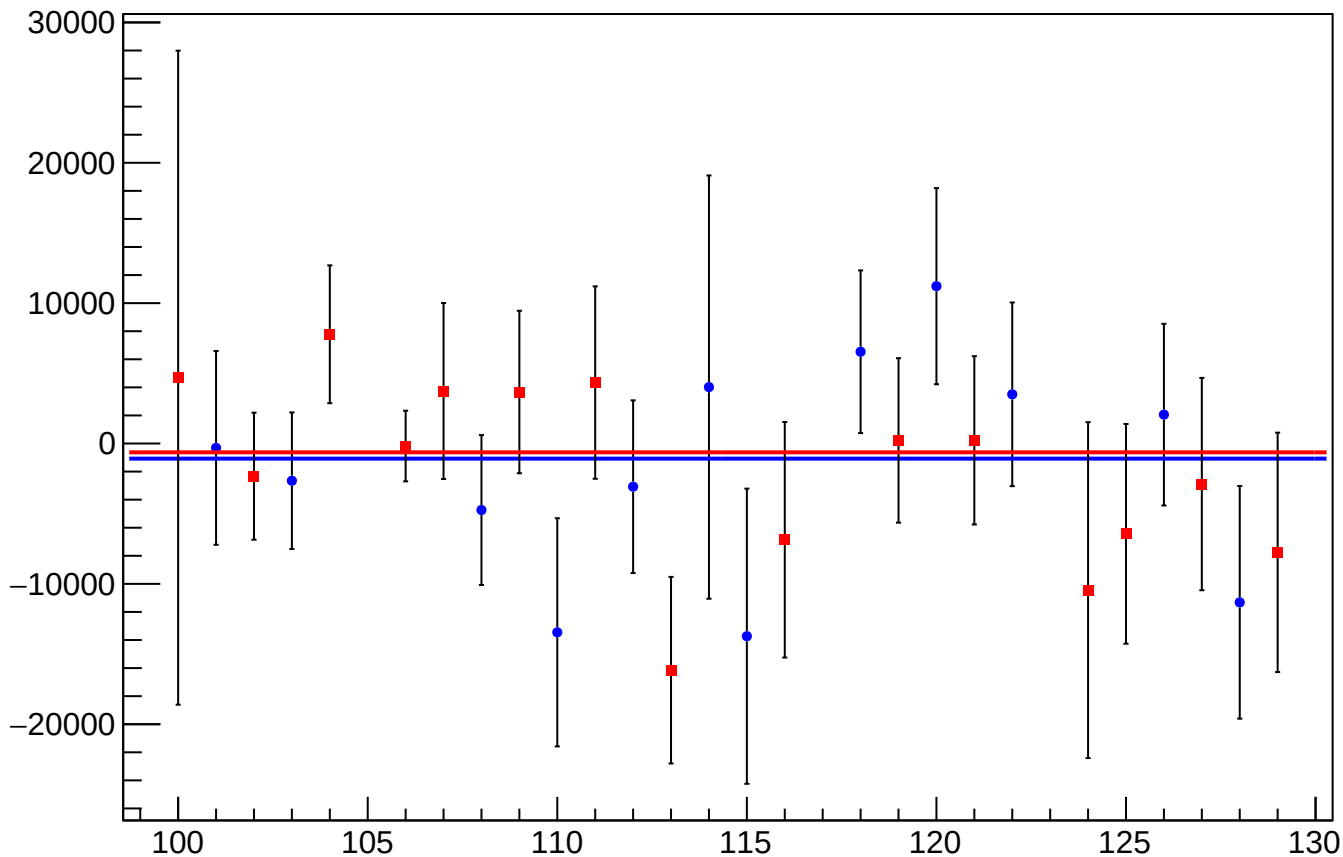
Right: 1948.787+/-0.431 χ^2/NDF : 844809.8/26

In: 1969.223+/-0.643 χ^2/NDF : 634258.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1948.787+/-0.431 χ^2/NDF : 844809.8/26

asym_atr_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1076.823+/-1941.351 χ^2/NDF : 11.6/11

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

Right Out: -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

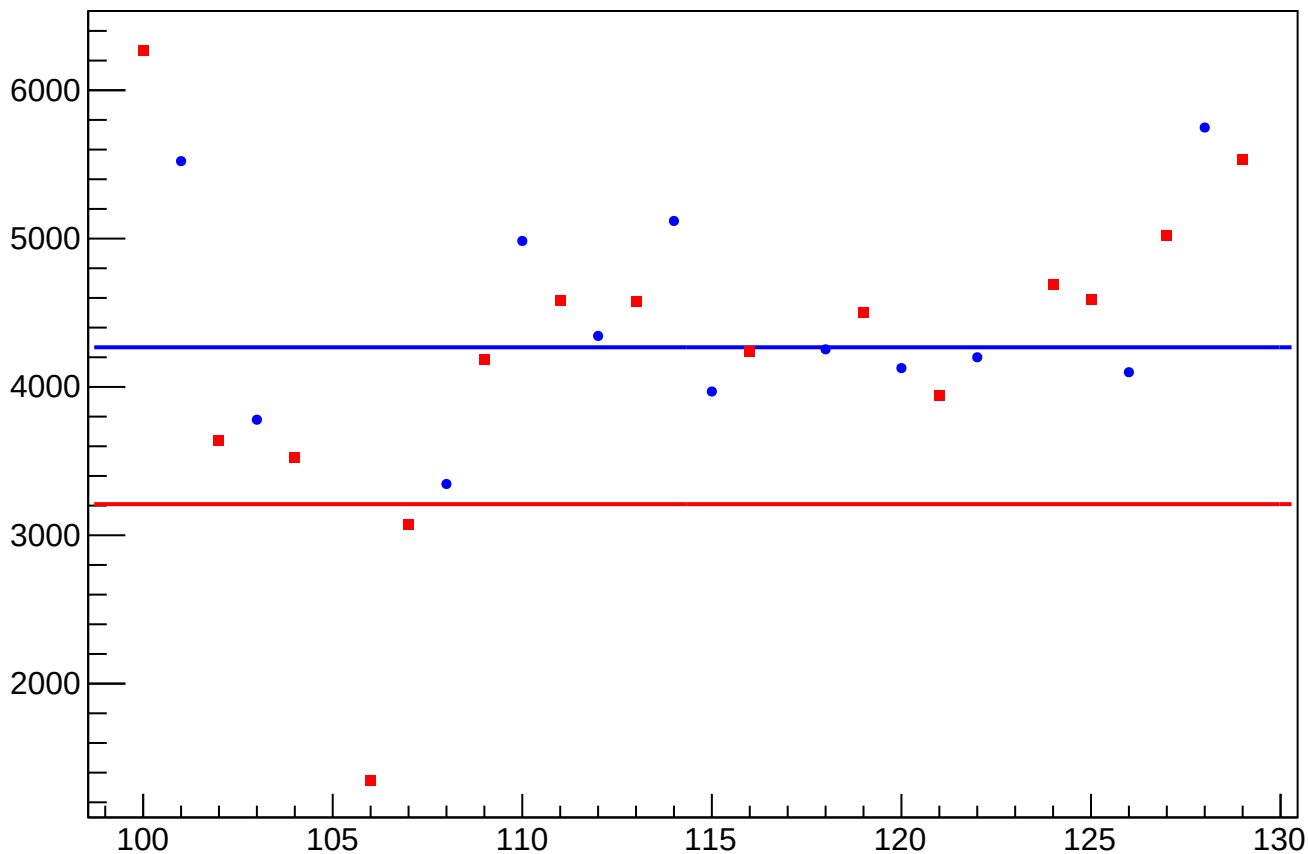
Right: -789.458+/-1162.234 χ^2/NDF : 24.5/26

In: -1076.823+/-1941.351 χ^2/NDF : 11.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -789.458+/-1162.234 χ^2/NDF : 24.5/26

asym_atr_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4267.279+/-1.373 χ^2/NDF : 235898.8/11

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

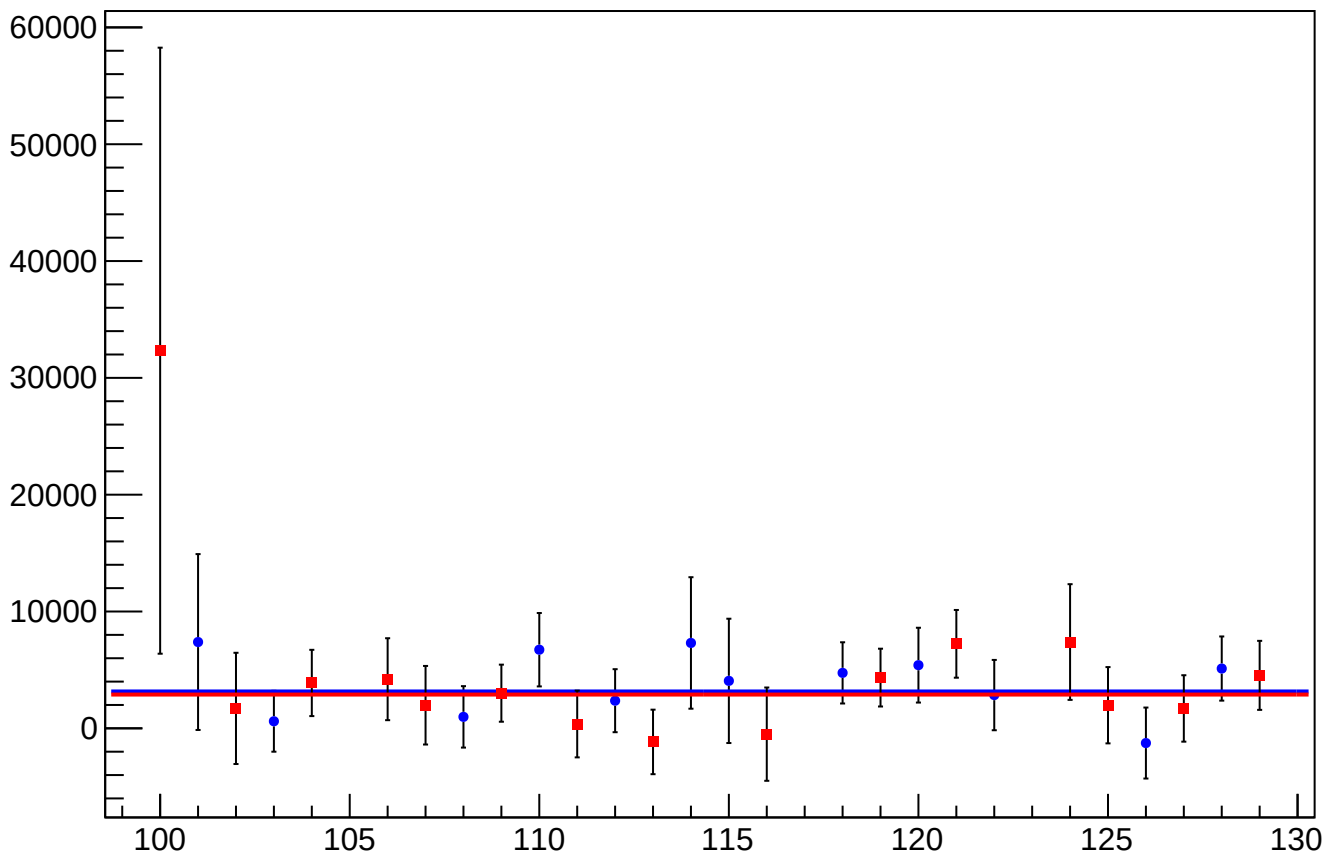
Right: 3588.866+/-0.822 χ^2/NDF : 2508503.7/26

In: 4267.279+/-1.373 χ^2/NDF : 235898.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3588.866+/-0.822 χ^2/NDF : 2508503.7/26

eigen_dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3155.820+/-909.214 χ^2/NDF : 7.4/11

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

Right Out: 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

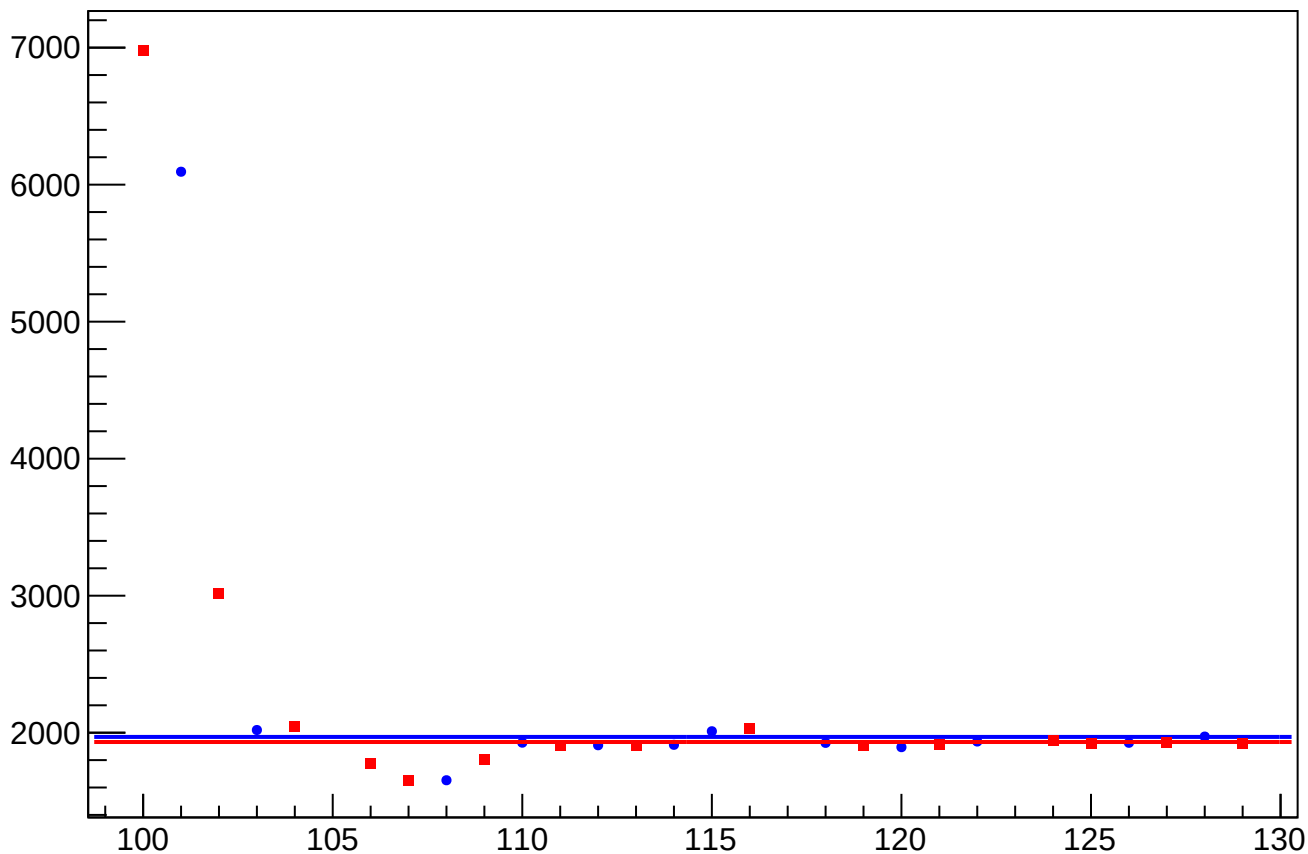
Right: 3010.086+/-609.878 χ^2/NDF : 16.8/26

In: 3155.820+/-909.214 χ^2/NDF : 7.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3010.086+/-609.878 χ^2/NDF : 16.8/26

eigen_dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1969.223+/-0.643 χ^2/NDF : 634258.8/11

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

Right Out: 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

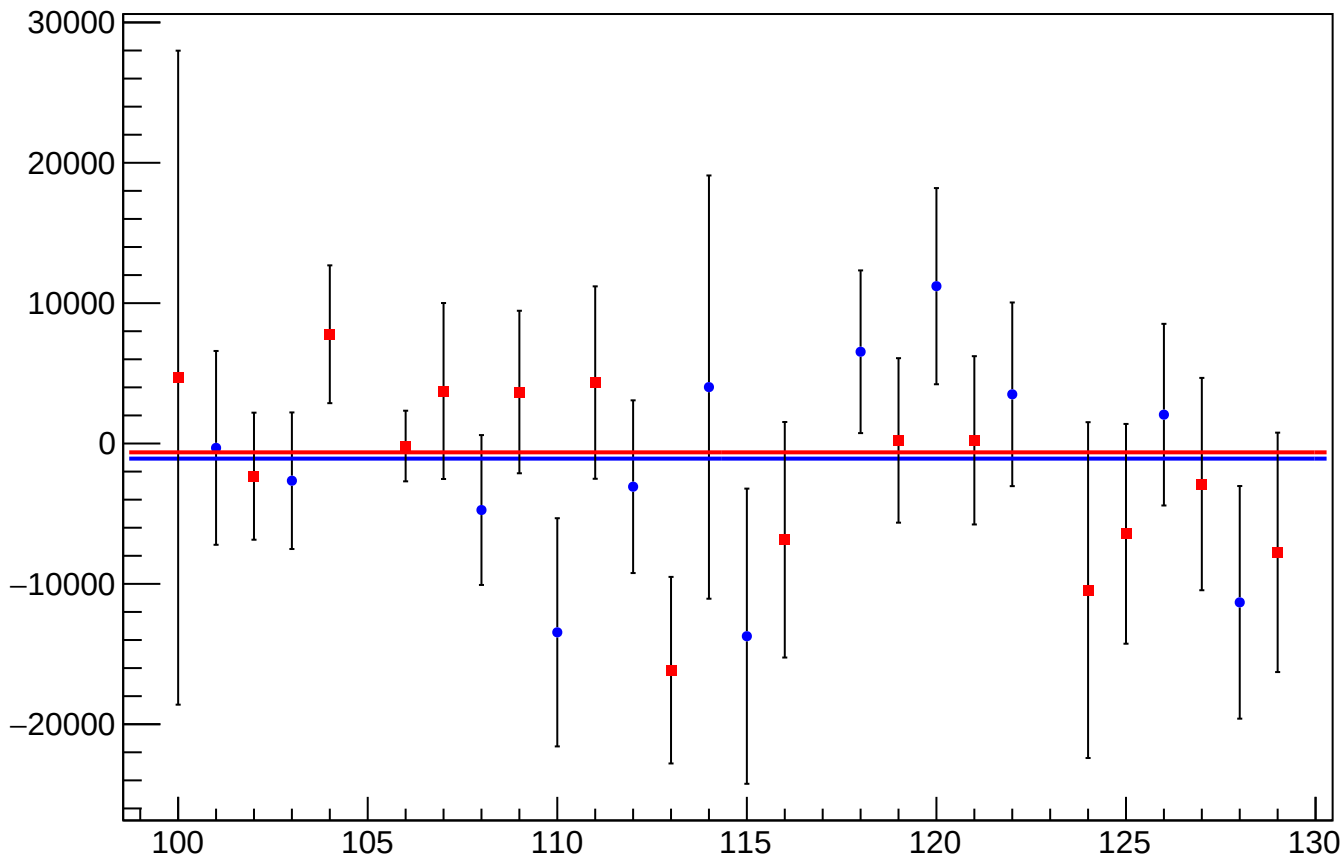
Right: 1948.787+/-0.431 χ^2/NDF : 844809.4/26

In: 1969.223+/-0.643 χ^2/NDF : 634258.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1948.787+/-0.431 χ^2/NDF : 844809.4/26

asym_atr_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1076.813+/-1941.346 χ^2/NDF : 11.6/11

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

Right Out: -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

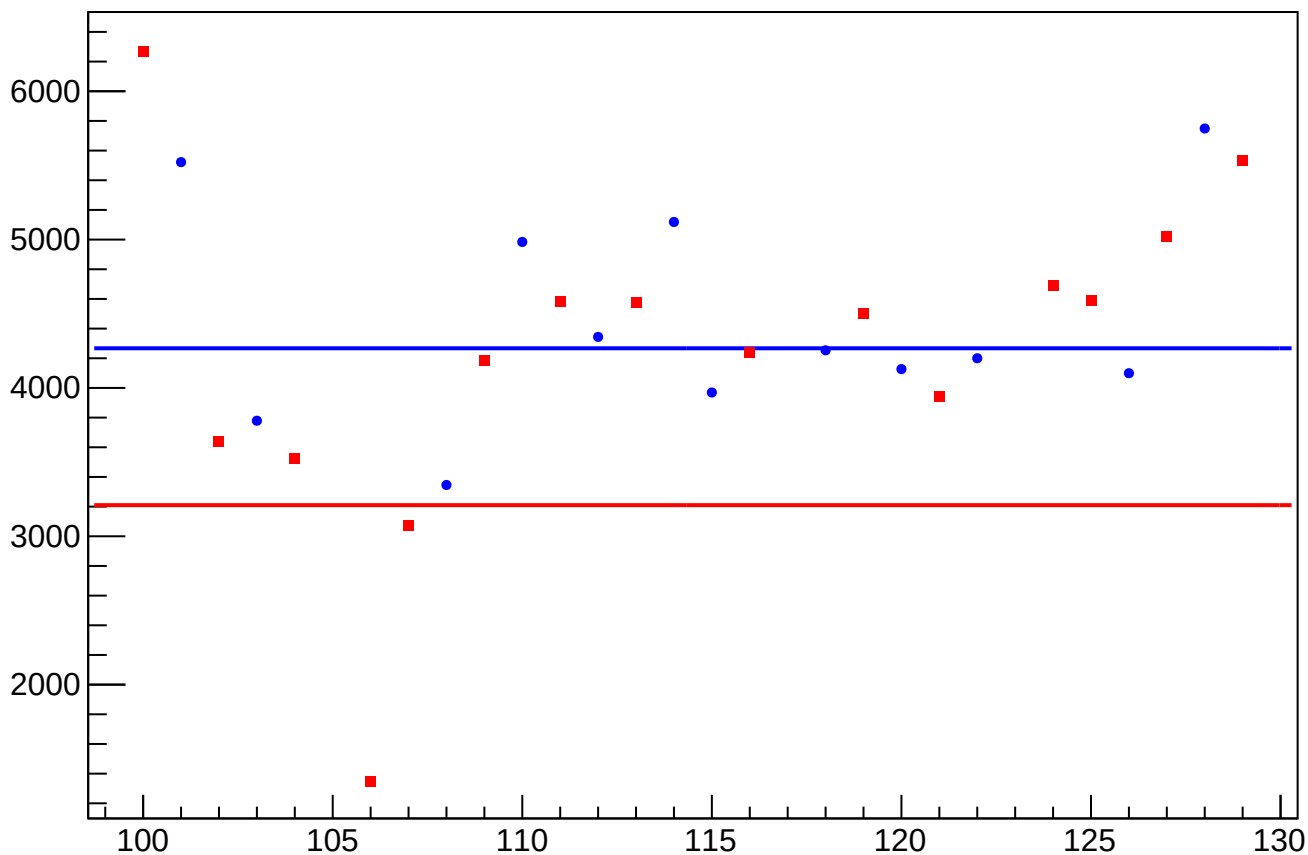
Right: -789.455+/-1162.231 χ^2/NDF : 24.5/26

In: -1076.813+/-1941.346 χ^2/NDF : 11.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -789.455+/-1162.231 χ^2/NDF : 24.5/26

asym_atr_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4267.269+/-1.373 χ^2/NDF : 235896.0/11

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

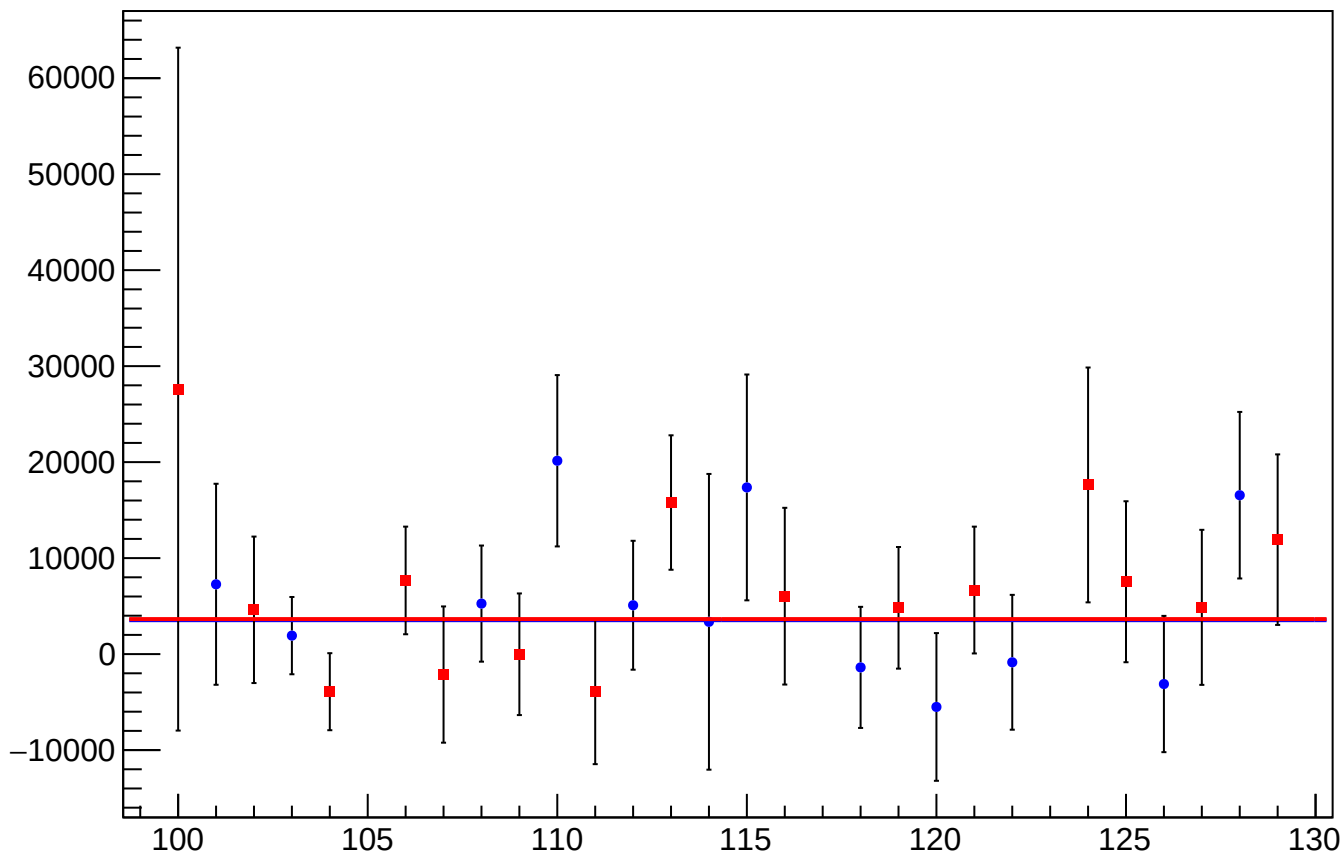
Right: 3588.857+/-0.822 χ^2/NDF : 2508503.4/26

In: 4267.269+/-1.373 χ^2/NDF : 235896.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3588.857+/-0.822 χ^2/NDF : 2508503.4/26

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3533.576+/-2042.209 χ^2/NDF : 10.8/11

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

Right Out: 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

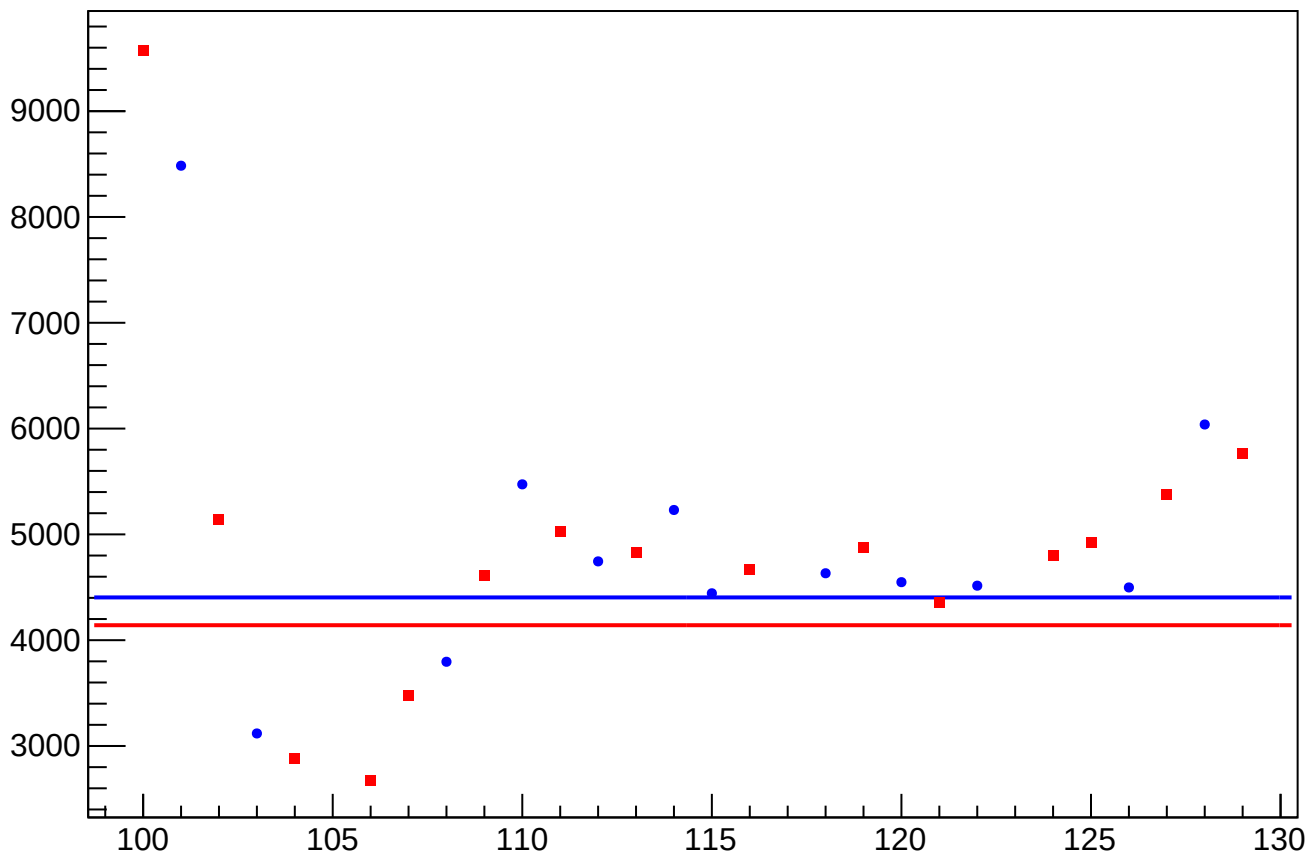
Right: 3597.054+/-1357.008 χ^2/NDF : 23.1/26

In: 3533.576+/-2042.209 χ^2/NDF :10.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3597.054+/-1357.008 χ^2/NDF : 23.1/26

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4404.153+/-1.444 χ^2/NDF : 642770.7/11

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

Right Out: 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

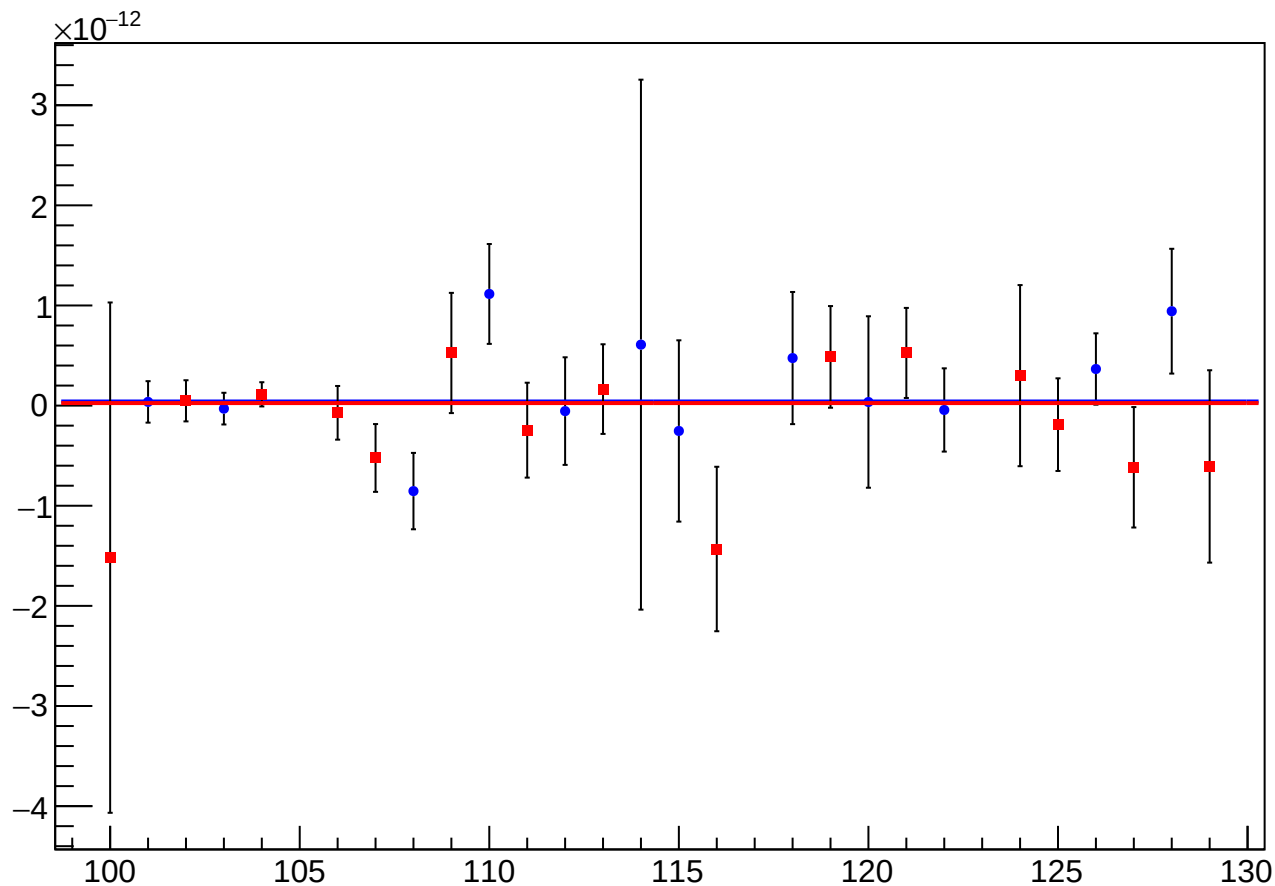
Right: 4256.138+/-0.954 χ^2/NDF : 1350145.2/26

In: 4404.153+/-1.444 χ^2/NDF :642770.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4256.138+/-0.954 χ^2/NDF : 1350145.2/26

asym_atr_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.9/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 11.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

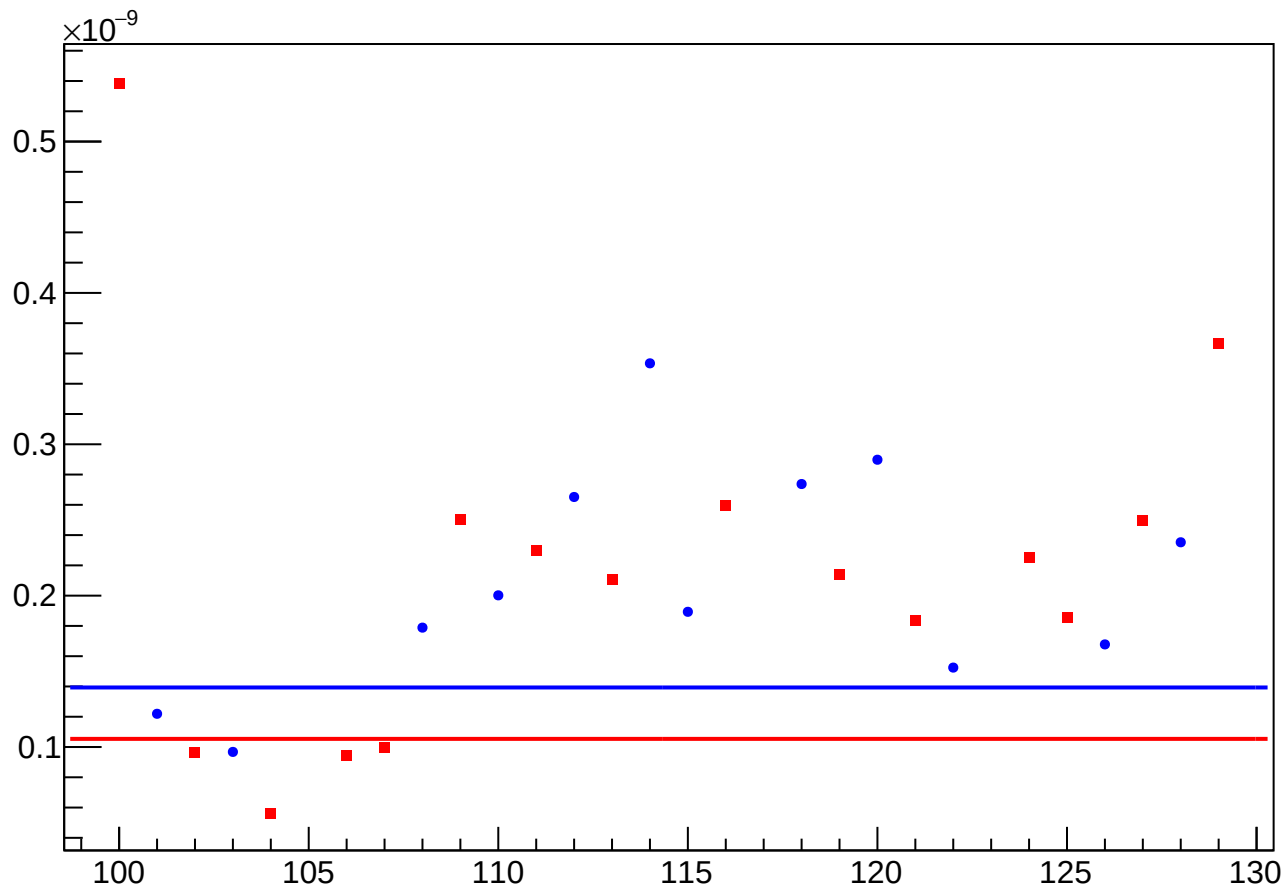
Right: 0.000+/-0.000 χ^2/NDF : 25.8/26

In: 0.000+/-0.000 χ^2/NDF : 13.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.8/26

asym_atr_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 545878.3/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 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

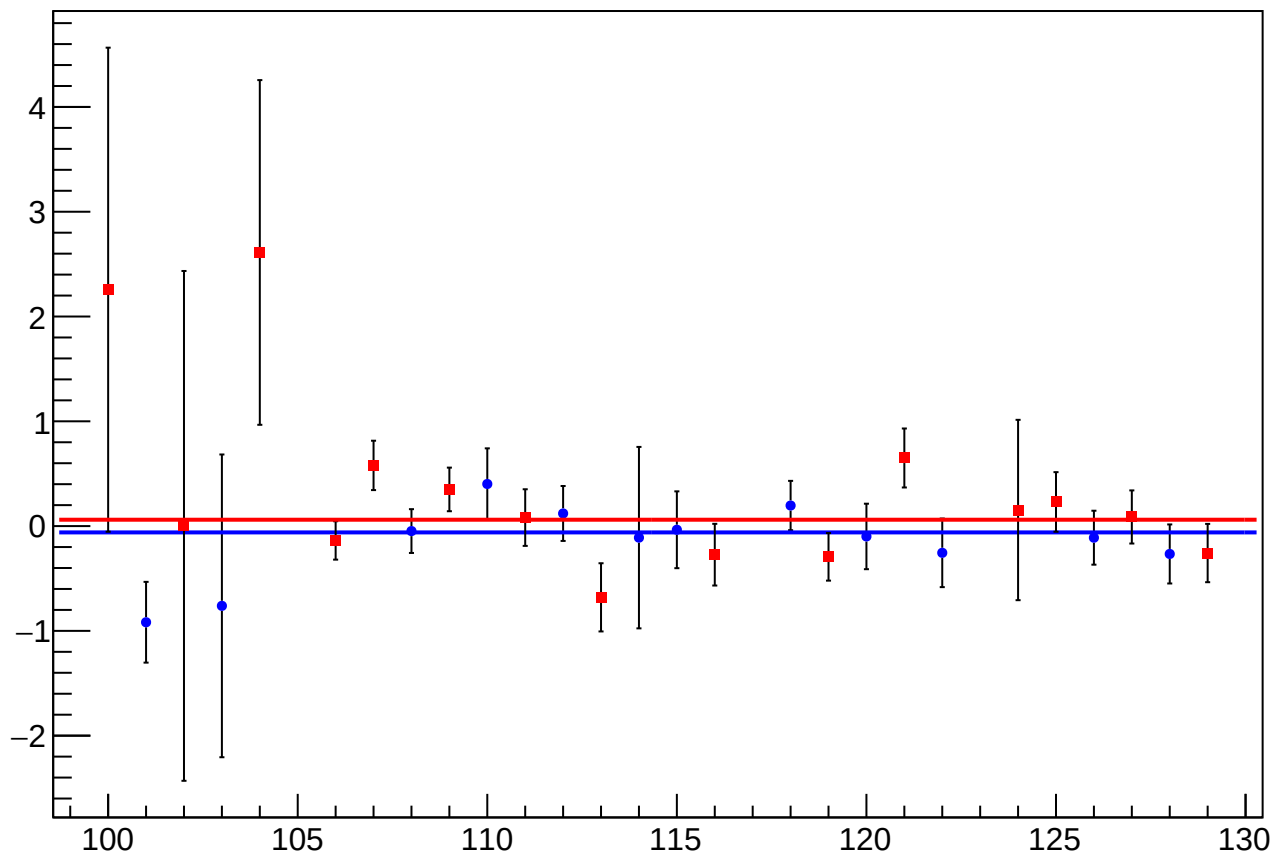
Right: 0.000+/-0.000 χ^2/NDF : 2027517.4/26

In: 0.000+/-0.000 χ^2/NDF : 545878.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2027517.4/26

asym_atr_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.060 ± 0.089 χ^2/NDF : 9.6/11

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

Right Out: 0.061 ± 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

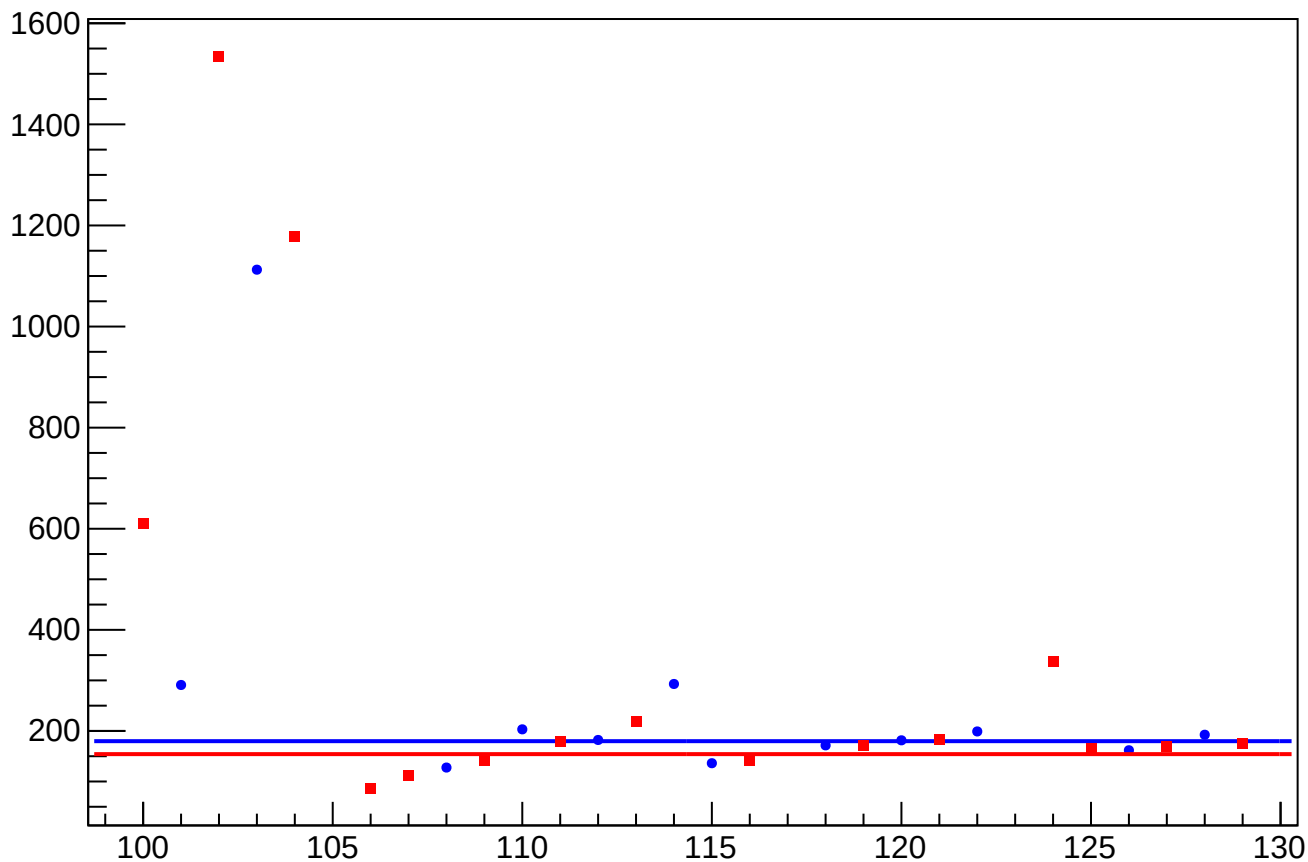
Right: 0.011 ± 0.057 χ^2/NDF : 37.0/26

In: -0.060 ± 0.089 χ^2/NDF : 9.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.011 ± 0.057 χ^2/NDF : 37.0/26

asym_atr_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 179.773+/-0.063 χ^2/NDF : 1220201.9/11

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

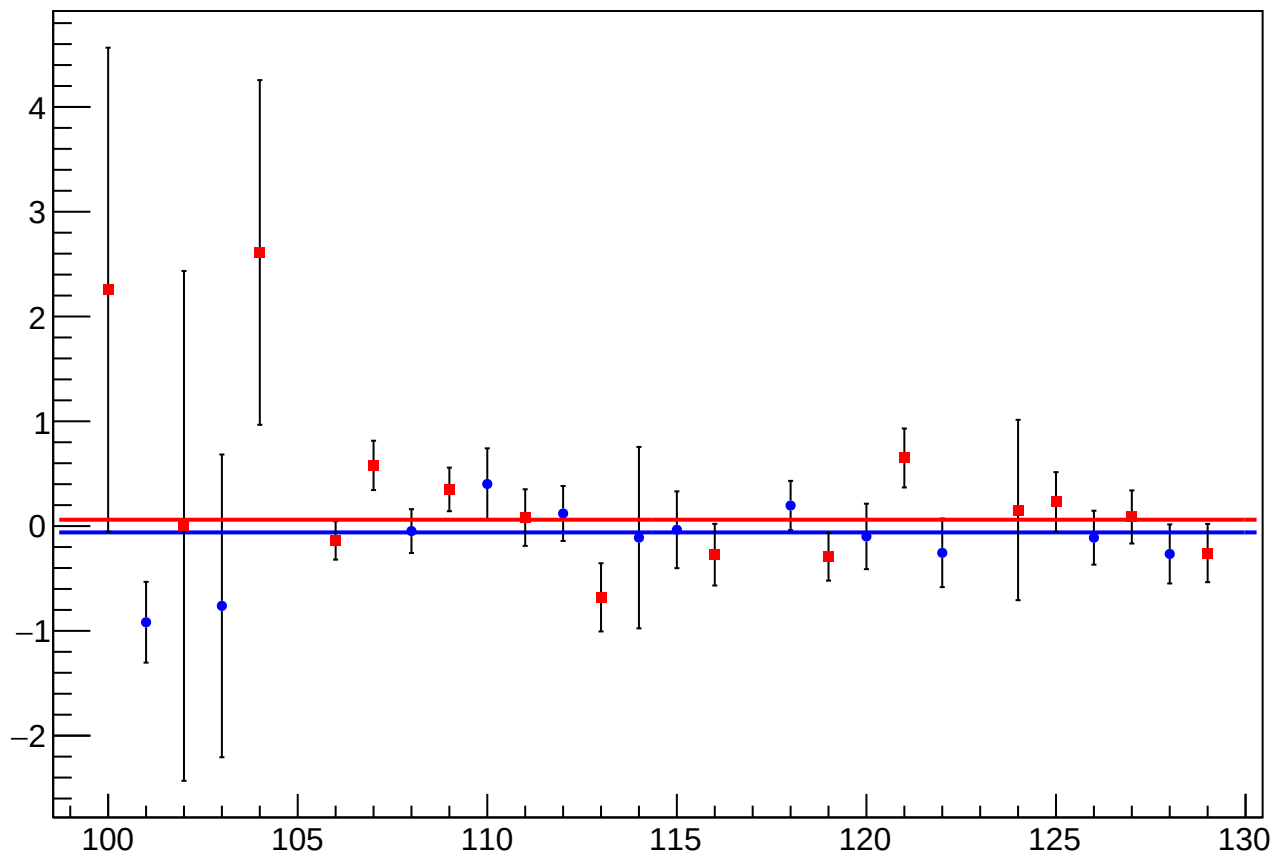
Right: 164.746+/-0.040 χ^2/NDF : 3408989.0/26

In: 179.773+/-0.063 χ^2/NDF : 1220201.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.746+/-0.040 χ^2/NDF : 3408989.0/26

asym_atr_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.060+/-0.089 χ^2/NDF : 9.6/11

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

Right Out: 0.061+/-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

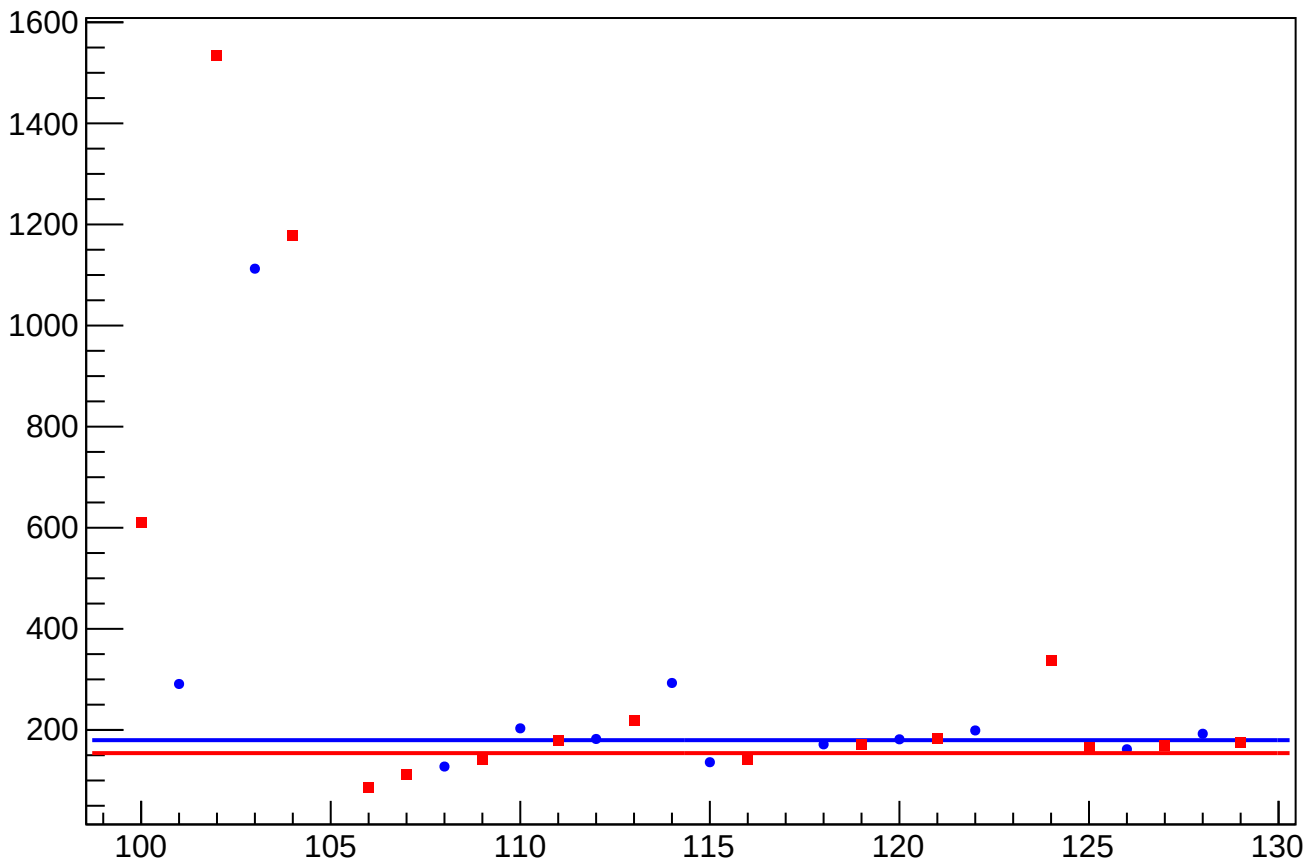
Right: 0.011+/-0.057 χ^2/NDF : 37.0/26

In: -0.060+/-0.089 χ^2/NDF :9.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.057 χ^2/NDF : 37.0/26

asym_atr_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 179.773+/-0.063 χ^2/NDF : 1220201.9/11

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

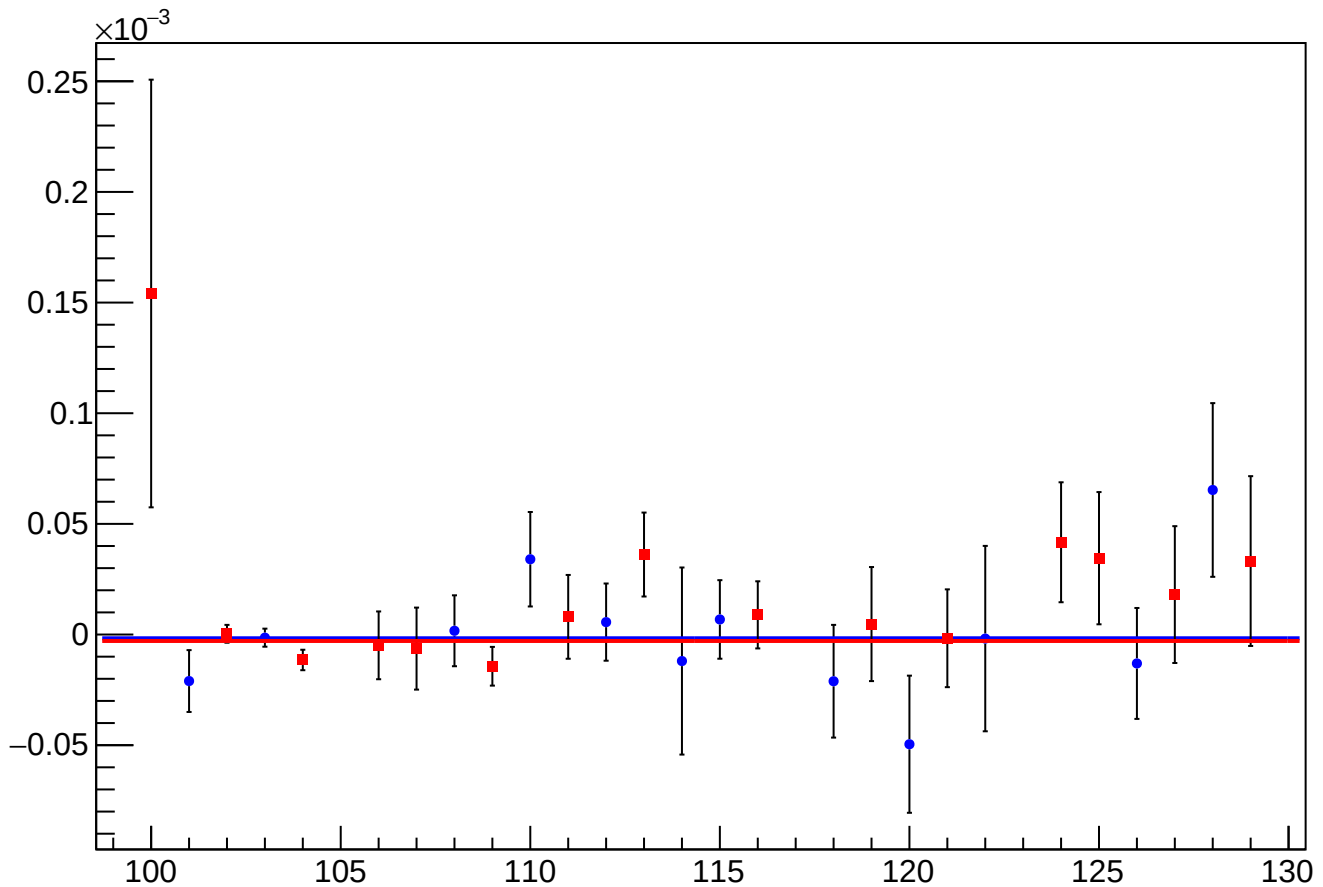
Right: 164.746+/-0.040 χ^2/NDF : 3408989.0/26

In: 179.773+/-0.063 χ^2/NDF : 1220201.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.746+/-0.040 χ^2/NDF : 3408989.0/26

asym_atr_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.3/11

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

Right Out: -0.000+/-0.000 χ^2/NDF : 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

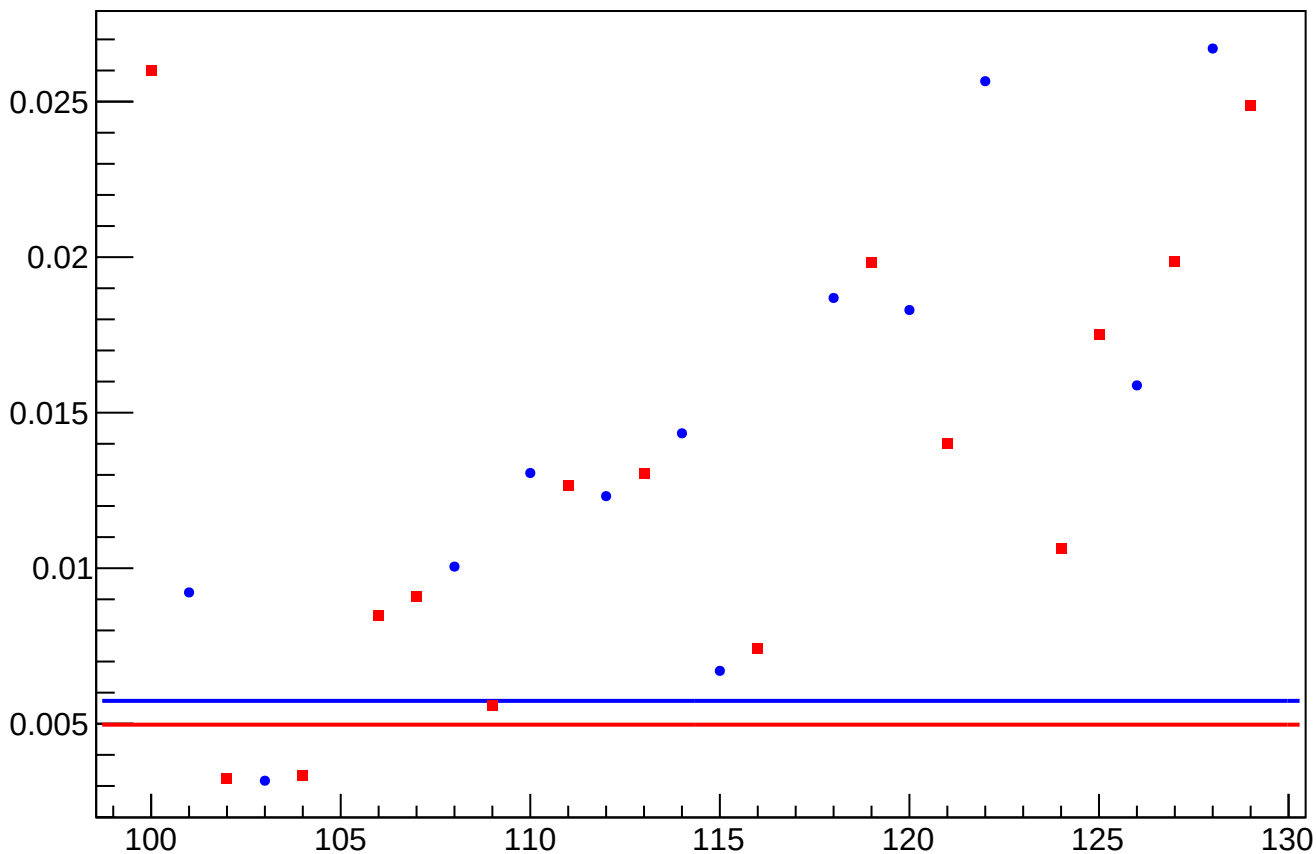
Right: -0.000+/-0.000 χ^2/NDF : 30.8/26

In: -0.000+/-0.000 χ^2/NDF : 11.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.8/26

asym_atr_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 3868234.0/11

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

Right Out: 0.005+/-0.000 χ^2/NDF : 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

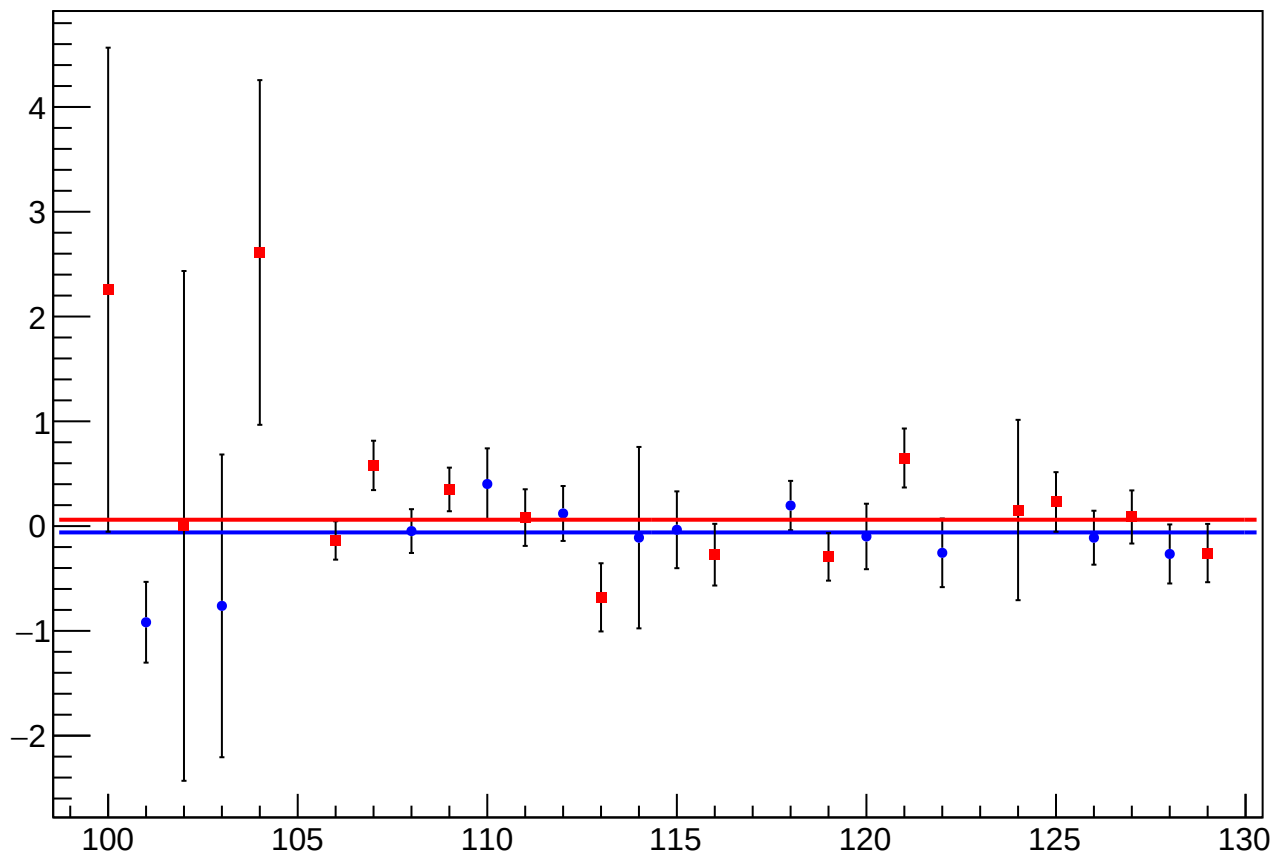
Right: 0.005+/-0.000 χ^2/NDF : 8047586.1/26

In: 0.006+/-0.000 χ^2/NDF : 3868234.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 8047586.1/26

asym_atr_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.060+/-0.089 χ^2/NDF : 9.6/11

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

Right Out: 0.061+/-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

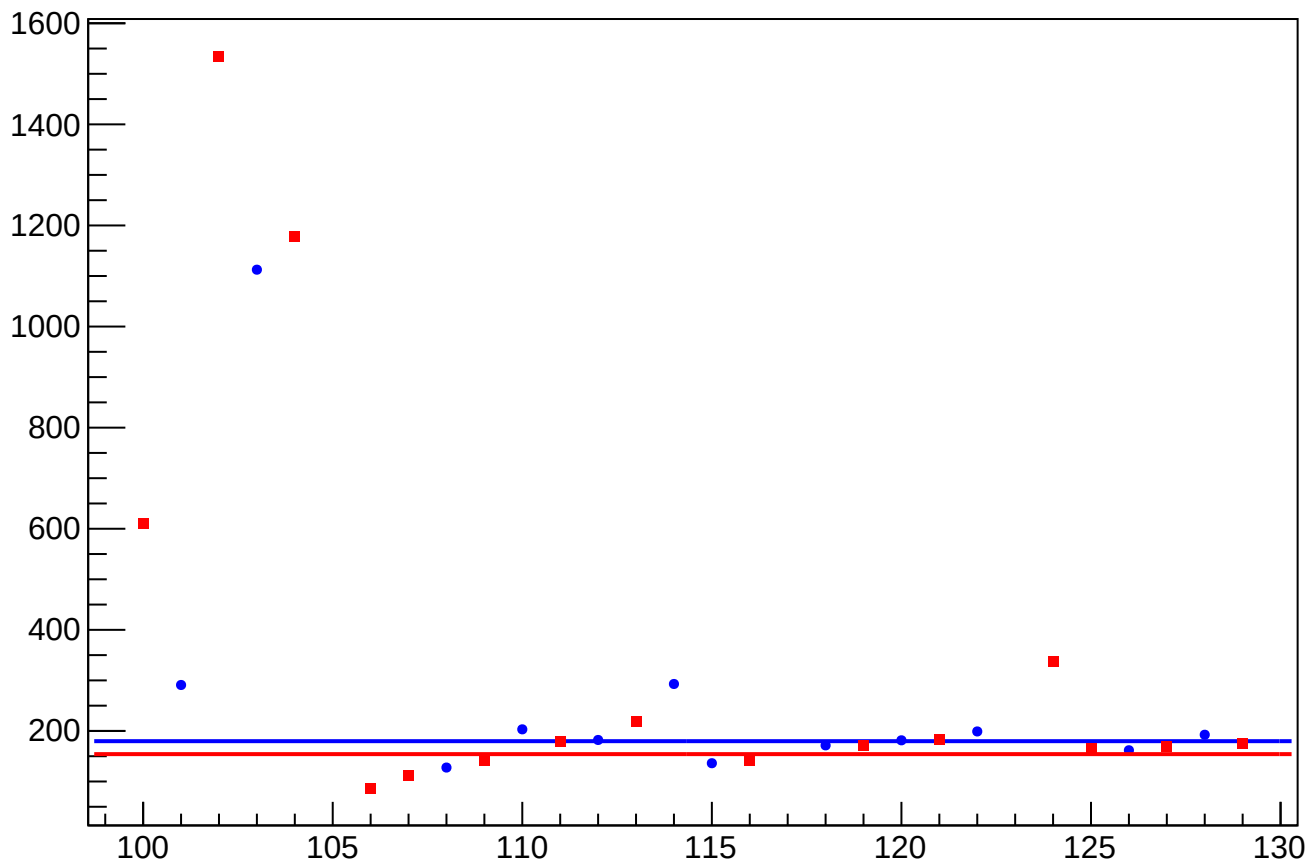
Right: 0.011+/-0.057 χ^2/NDF : 37.0/26

In: -0.060+/-0.089 χ^2/NDF :9.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.057 χ^2/NDF : 37.0/26

asym_atr_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 179.772 $\pm$ 0.063 χ^2 /NDF: 1220208.9/11

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

Right Out: 154.141 $\pm$ 0.053 χ^2 /NDF: 2090633.1/14

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

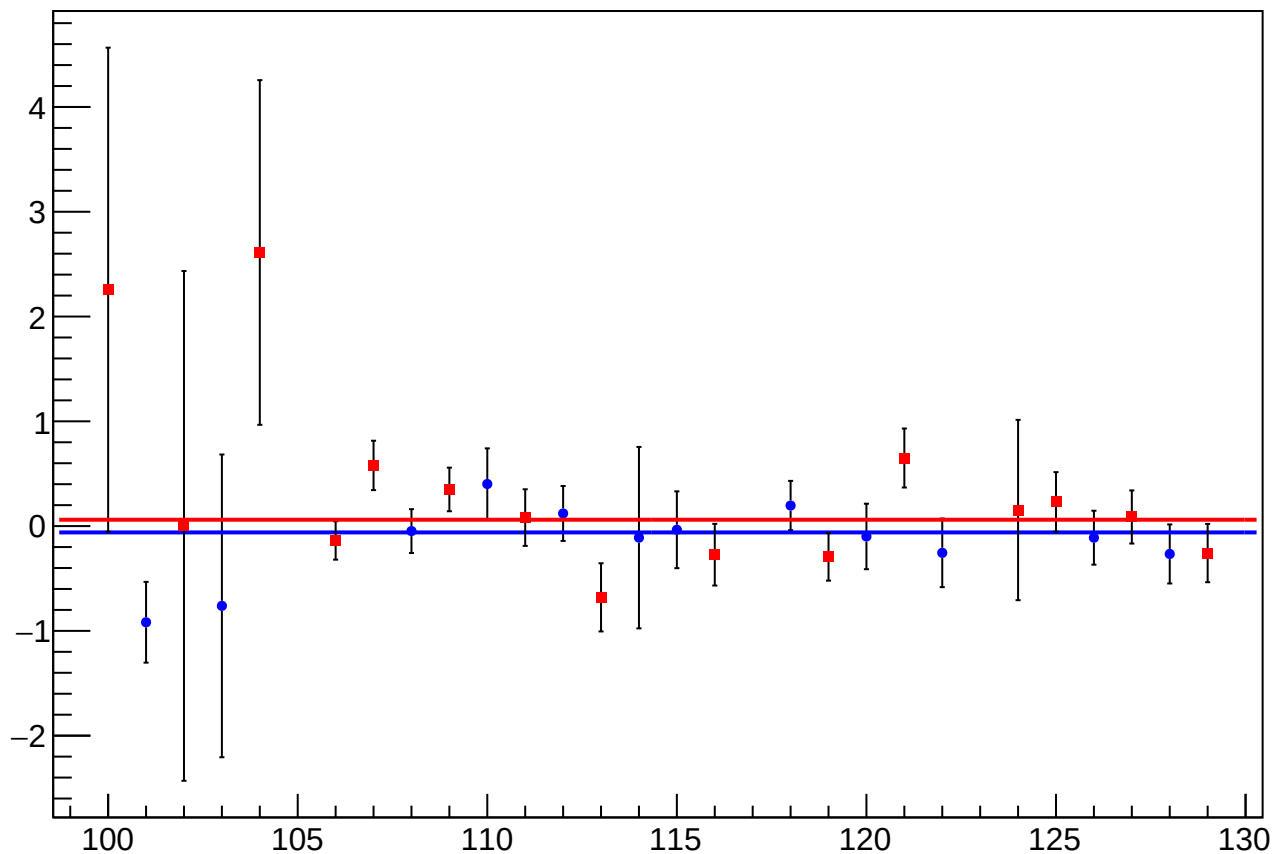
Right: 164.745 $\pm$ 0.040 χ^2 /NDF: 3408969.5/26

In: 179.772 $\pm$ 0.063 χ^2 /NDF:1220208.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 164.745 $\pm$ 0.040 χ^2 /NDF: 3408969.5/26

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.060 ± 0.089 χ^2/NDF : 9.6/11

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

Right Out: 0.061 ± 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

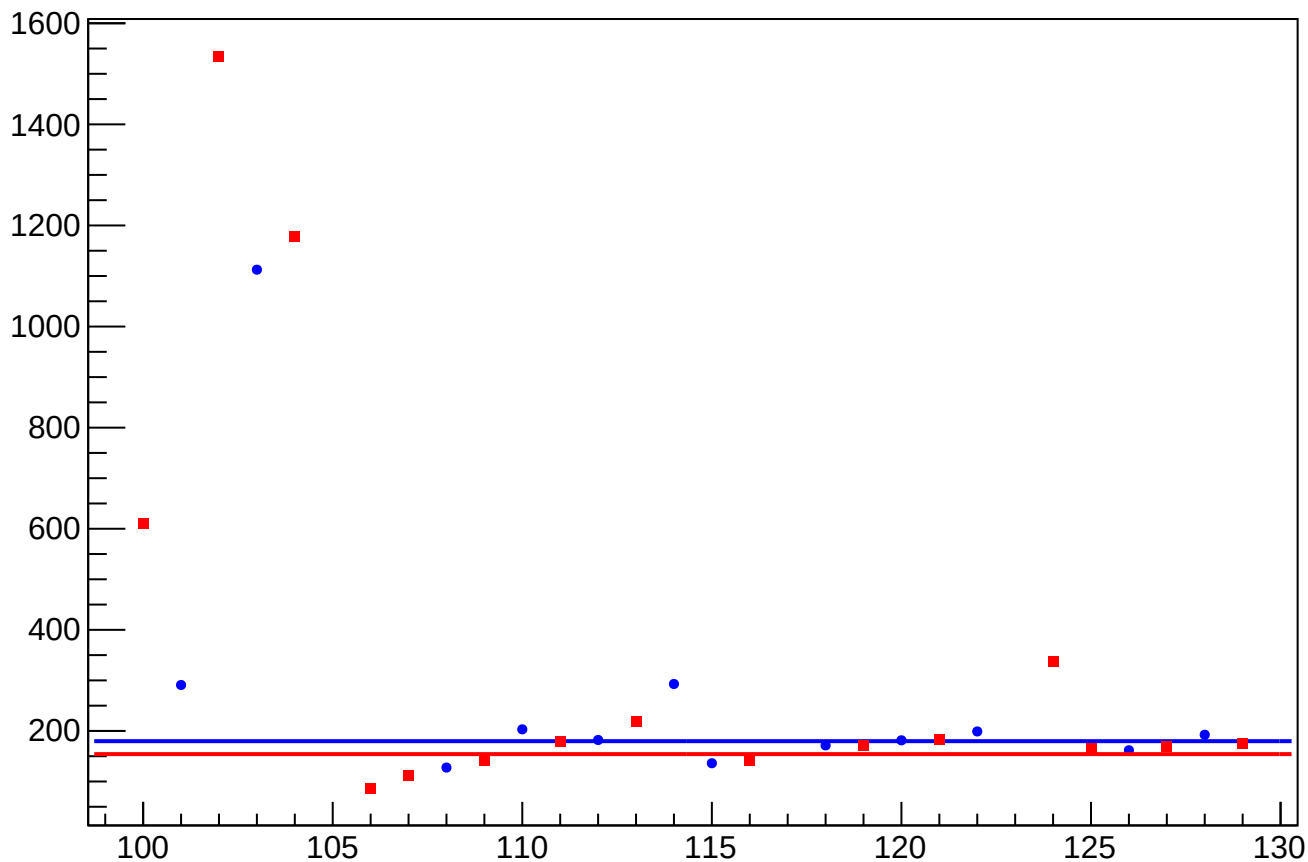
Right: 0.011 ± 0.057 χ^2/NDF : 37.0/26

In: -0.060 ± 0.089 χ^2/NDF : 9.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.011 ± 0.057 χ^2/NDF : 37.0/26

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 179.772+/-0.063 χ^2/NDF : 1220208.9/11

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

Right Out: 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

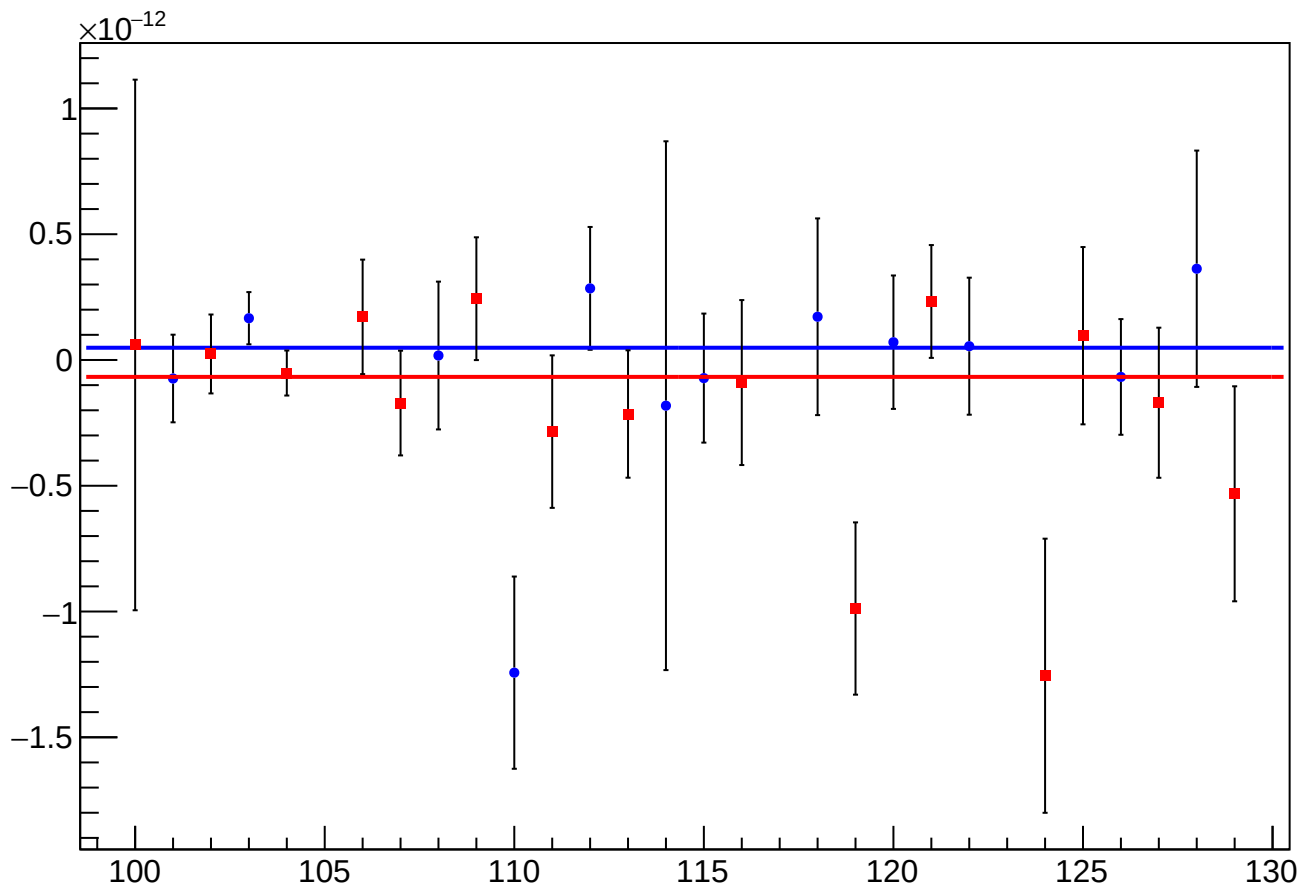
Right: 164.745+/-0.040 χ^2/NDF : 3408969.5/26

In: 179.772+/-0.063 χ^2/NDF : 1220208.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.745+/-0.040 χ^2/NDF : 3408969.5/26

asym_atr_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.2/11

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

Right Out: -0.000+/-0.000 χ^2/NDF : 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

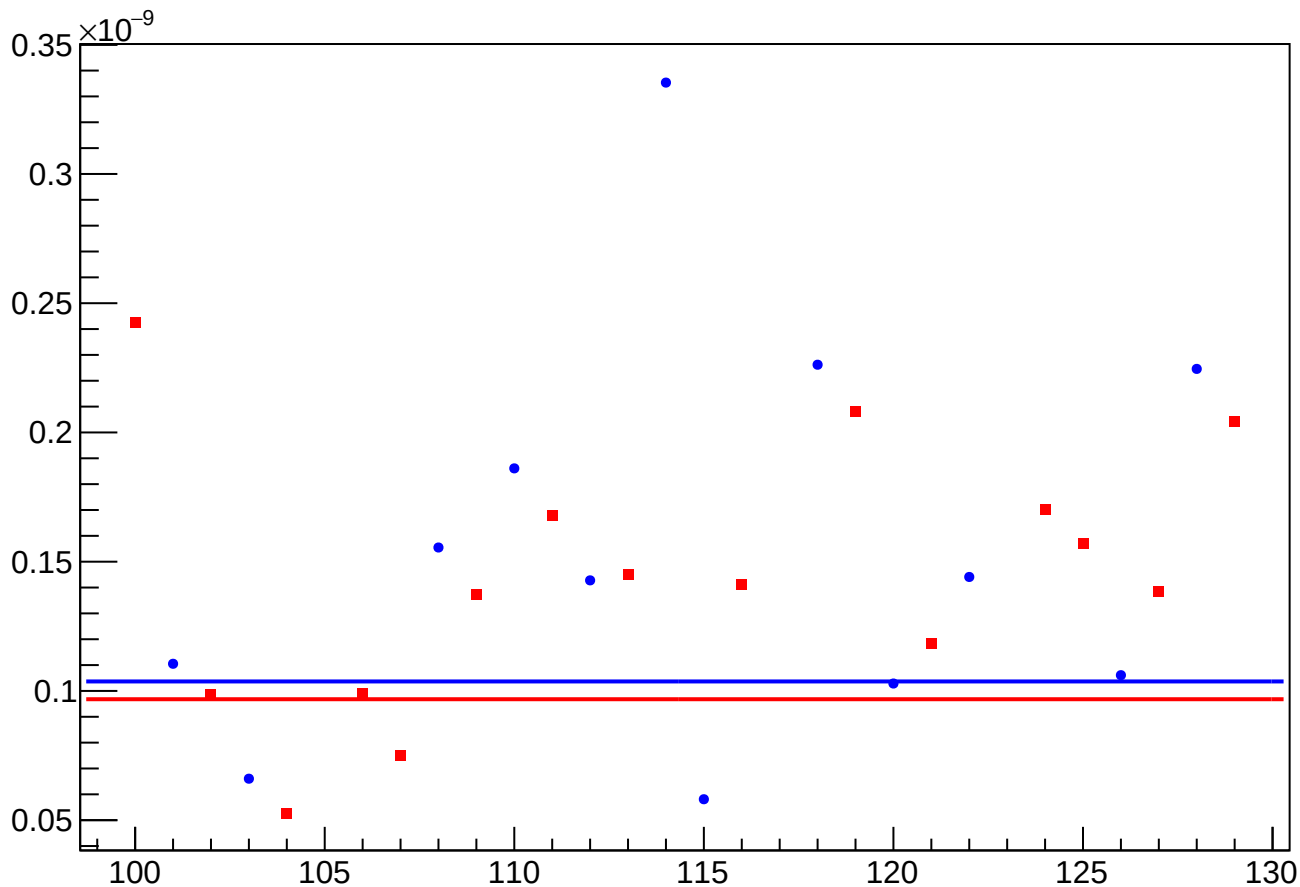
Right: -0.000+/-0.000 χ^2/NDF : 36.5/26

In: 0.000+/-0.000 χ^2/NDF : 15.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 36.5/26

asym_atr_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1005787.4/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 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

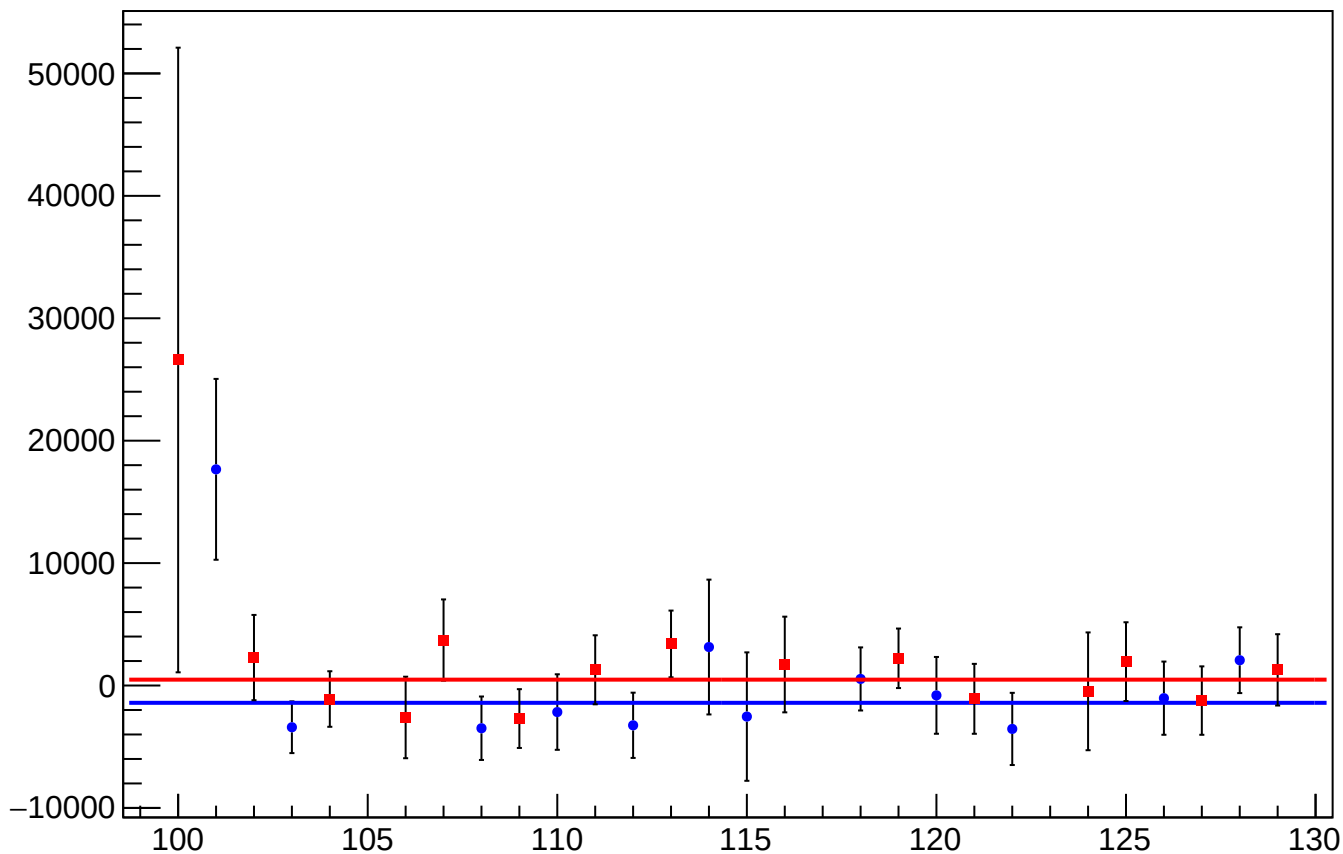
Right: 0.000+/-0.000 χ^2/NDF : 2332547.0/26

In: 0.000+/-0.000 χ^2/NDF : 1005787.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2332547.0/26

reg_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1413.289+/-869.051 χ^2/NDF : 12.3/11

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

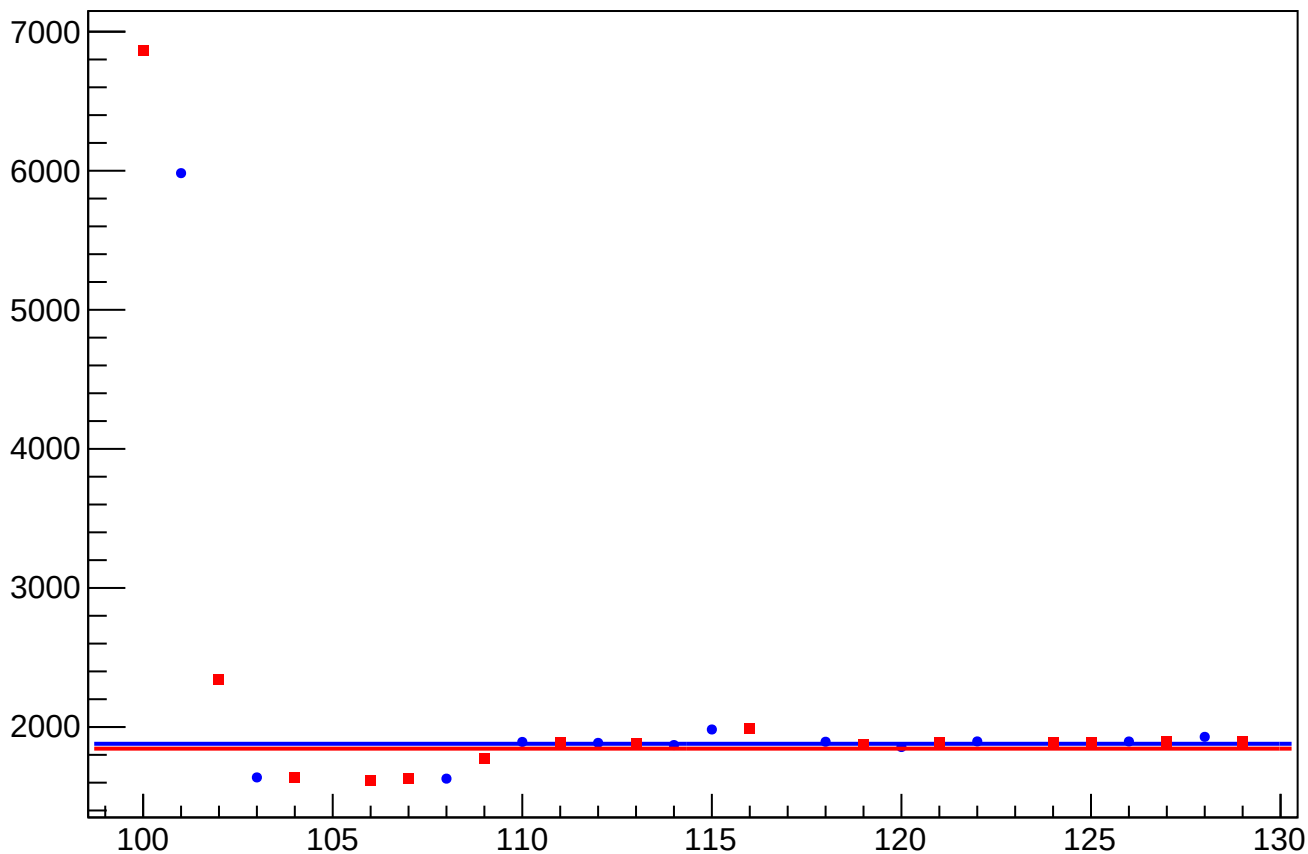
Right: -367.188+/-581.208 χ^2/NDF : 23.1/26

In: -1413.289+/-869.051 χ^2/NDF : 12.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -367.188+/-581.208 χ^2/NDF : 23.1/26

reg_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1879.510+/-0.615 χ^2/NDF : 663816.2/11

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

Right Out: 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

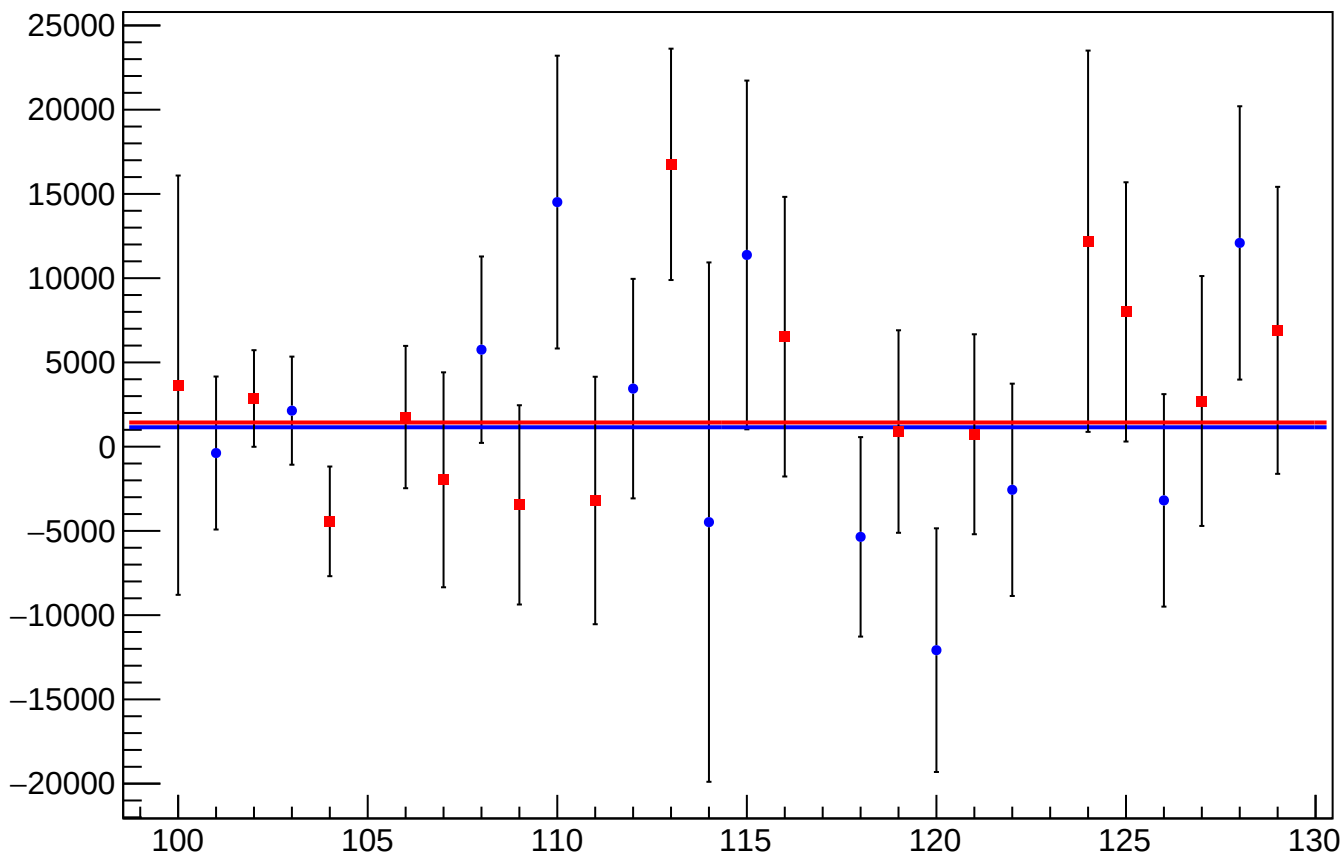
Right: 1860.175+/-0.410 χ^2/NDF : 828687.5/26

In: 1879.510+/-0.615 χ^2/NDF : 663816.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1860.175+/-0.410 χ^2/NDF : 828687.5/26

asym_atr_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 1150.669+/-1710.201 χ^2/NDF : 11.7/11

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

Right Out: 1435.106+/-1415.868 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

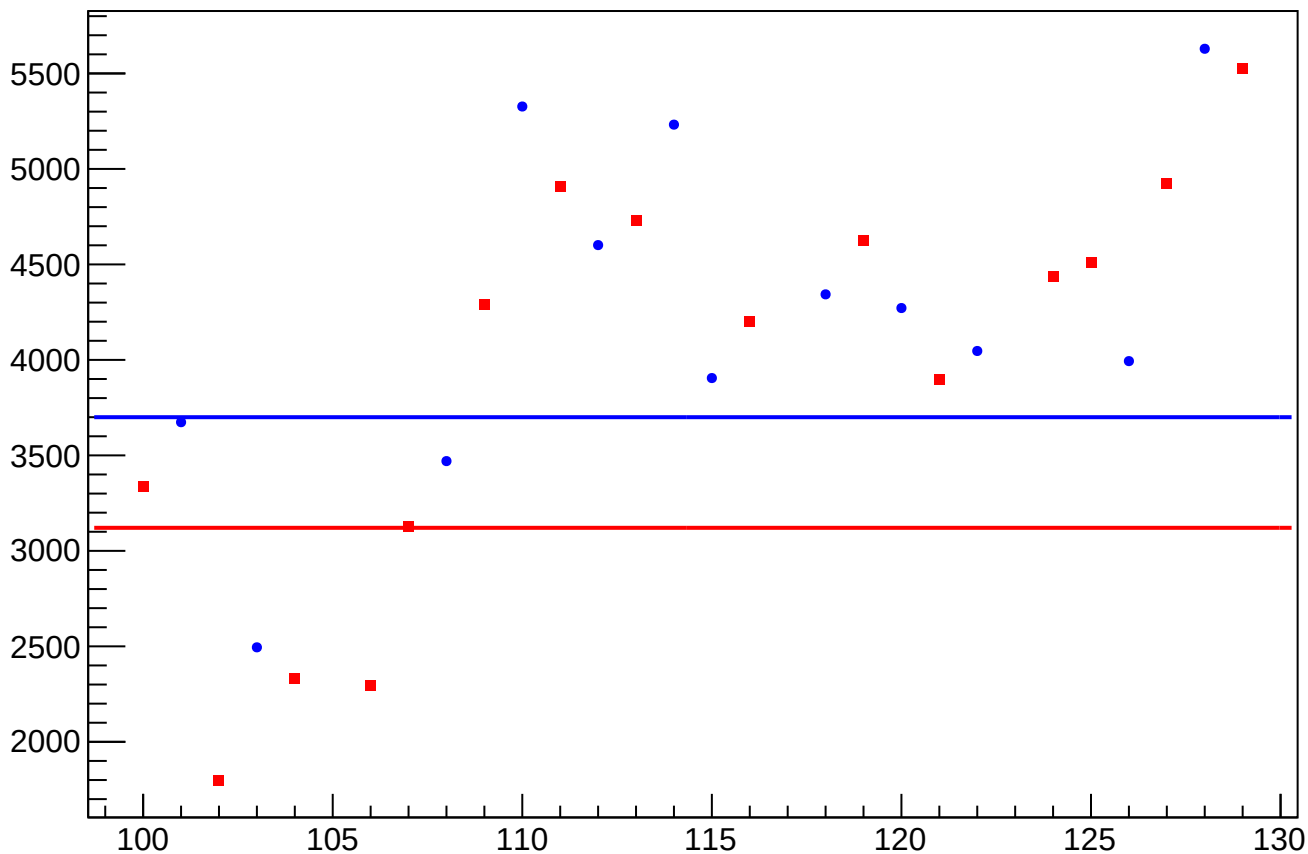
Right: 1319.433+/-1090.611 χ^2/NDF : 24.1/26

In: 1150.669+/-1710.201 χ^2/NDF : 11.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1319.433+/-1090.611 χ^2/NDF : 24.1/26

asym_atr_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3699.977+/-1.209 χ^2/NDF : 574346.2/11

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

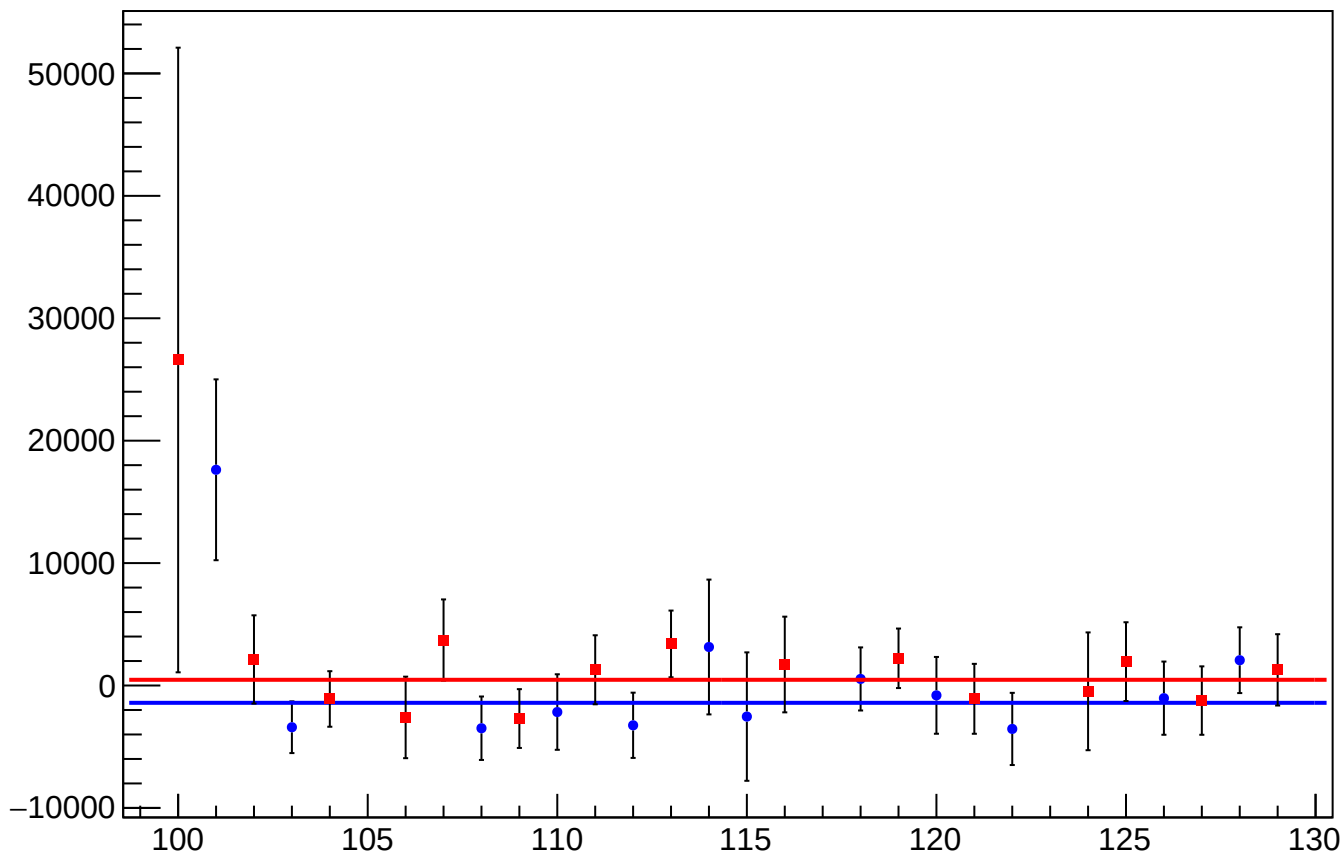
Right: 3356.292+/-0.771 χ^2/NDF : 2199904.2/26

In: 3699.977+/-1.209 χ^2/NDF : 574346.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3356.292+/-0.771 χ^2/NDF : 2199904.2/26

cor_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1413.765+/-869.051 χ^2/NDF : 12.3/11

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

Right Out: 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

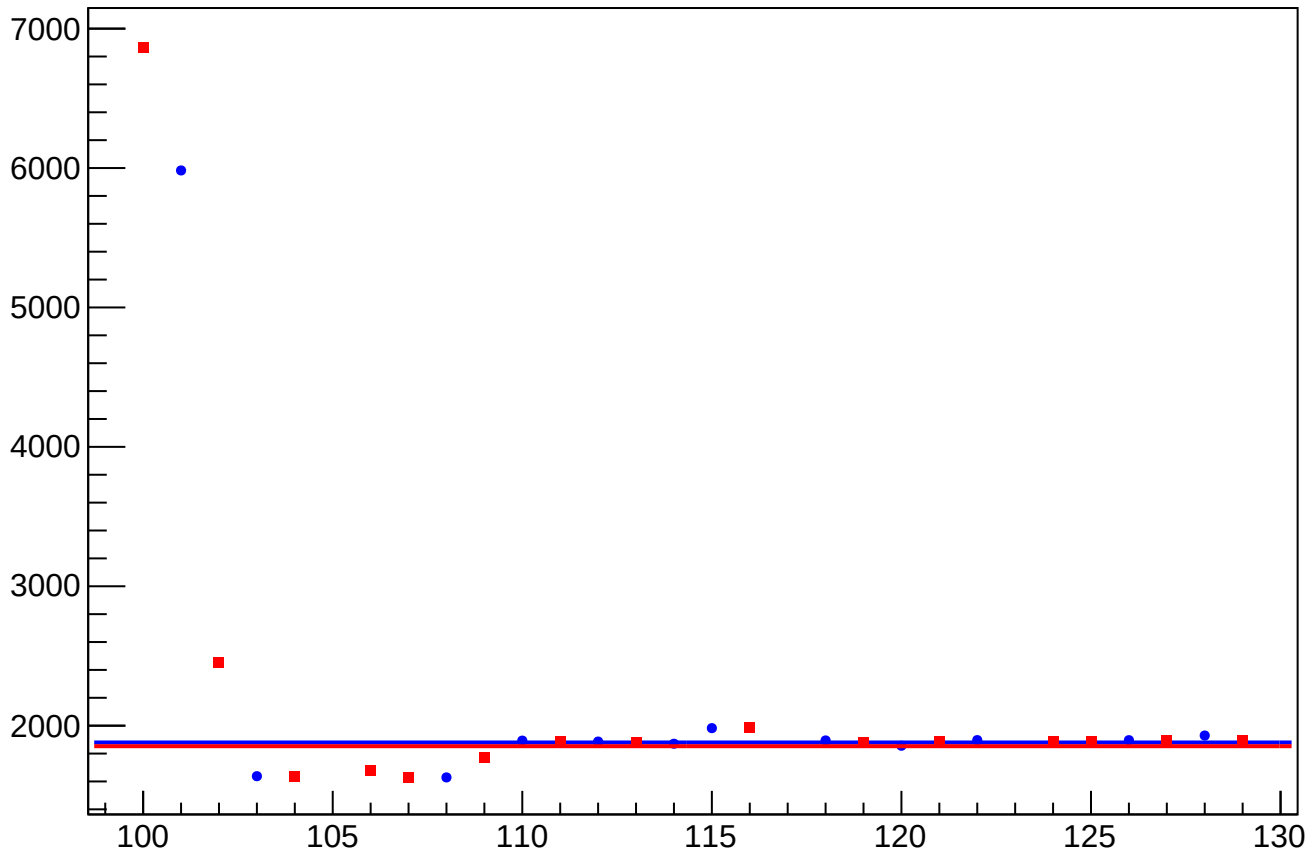
Right: -375.864+/-581.744 χ^2/NDF : 23.0/26

In: -1413.765+/-869.051 χ^2/NDF : 12.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -375.864+/-581.744 χ^2/NDF : 23.0/26

cor_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1879.510+/-0.615 χ^2/NDF : 663816.4/11

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

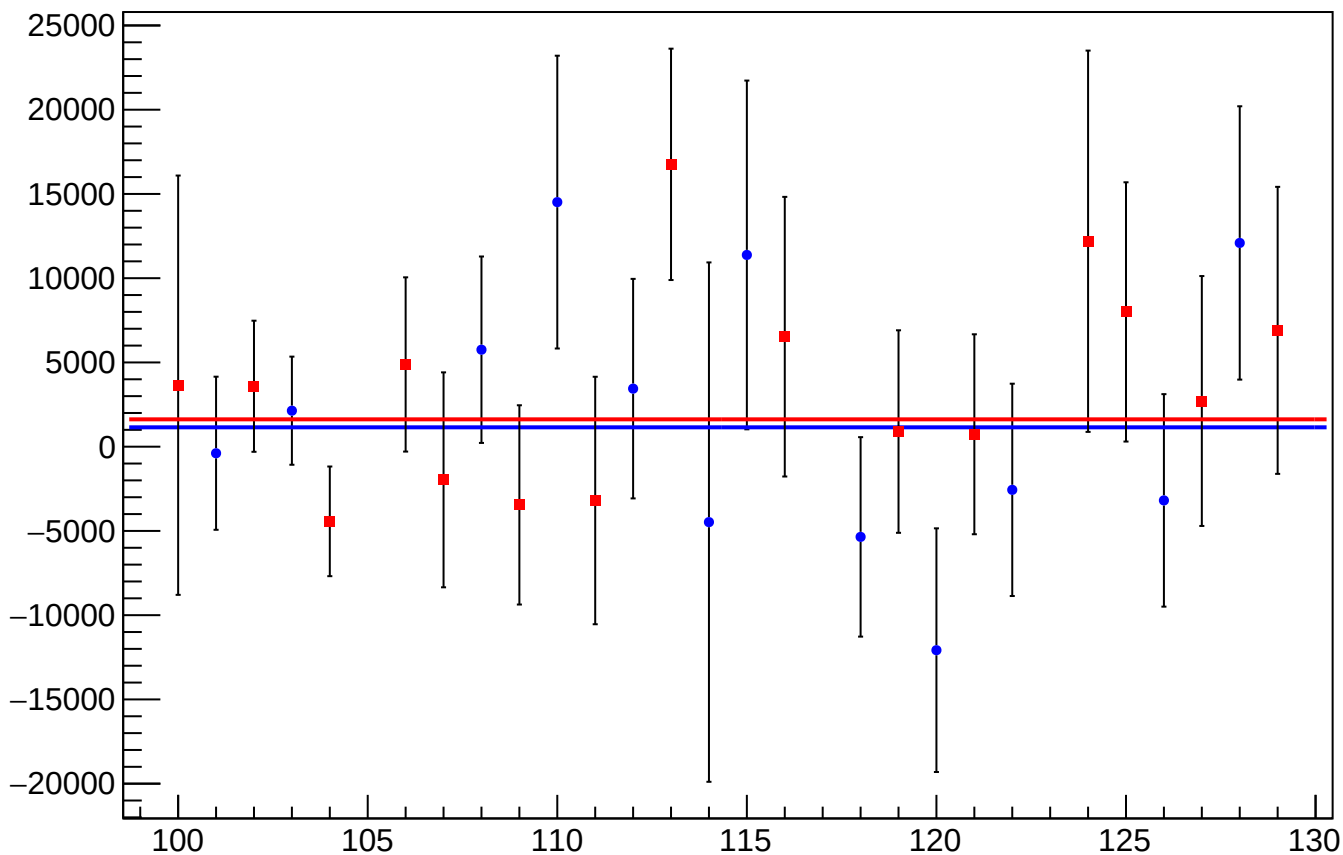
Right: 1864.737+/-0.411 χ^2/NDF : 838421.6/26

In: 1879.510+/-0.615 χ^2/NDF : 663816.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1864.737+/-0.411 χ^2/NDF : 838421.6/26

asym_atr_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1149.034+/-1710.468 χ^2/NDF : 11.7/11

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

Right Out: 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

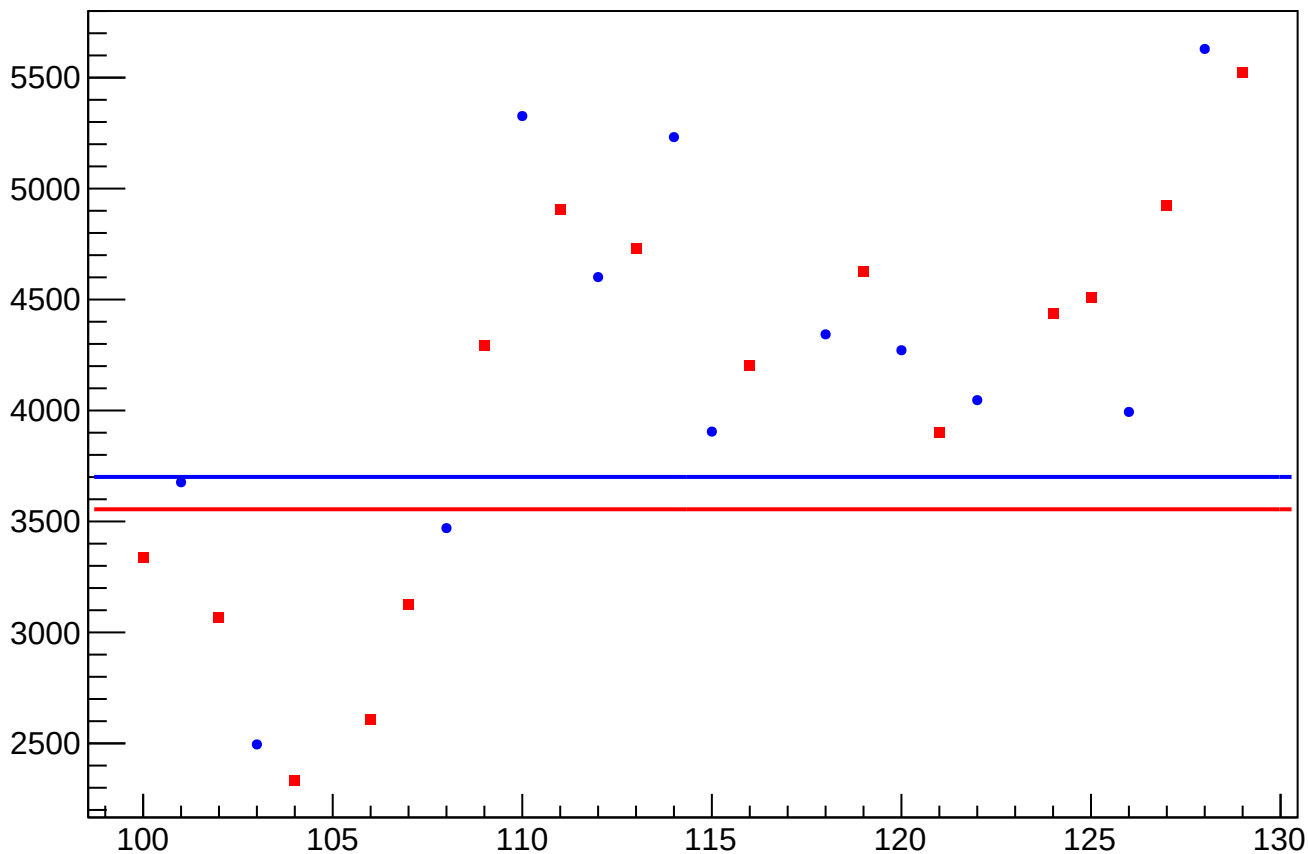
Right: 1411.646+/-1142.298 χ^2/NDF : 24.6/26

In: 1149.034+/-1710.468 χ^2/NDF : 11.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1411.646+/-1142.298 χ^2/NDF : 24.6/26

asym_atr_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3700.637+/-1.209 χ^2/NDF : 574009.4/11

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

Right Out: 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

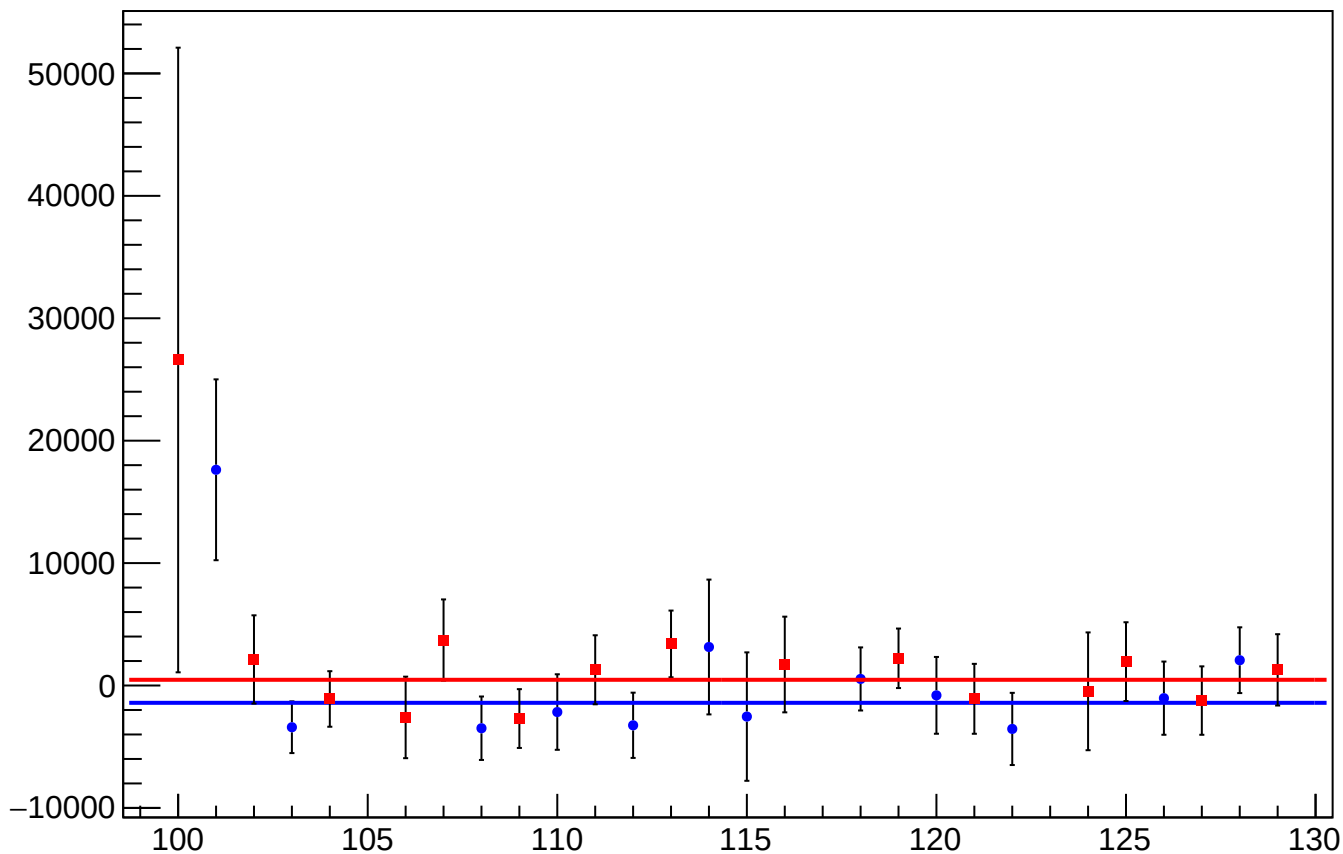
Right: 3619.868+/-0.808 χ^2/NDF : 1429746.9/26

In: 3700.637+/-1.209 χ^2/NDF : 574009.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3619.868+/-0.808 χ^2/NDF : 1429746.9/26

eigen_cor_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1413.765+/-869.051 χ^2/NDF : 12.3/11

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

Right Out: 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

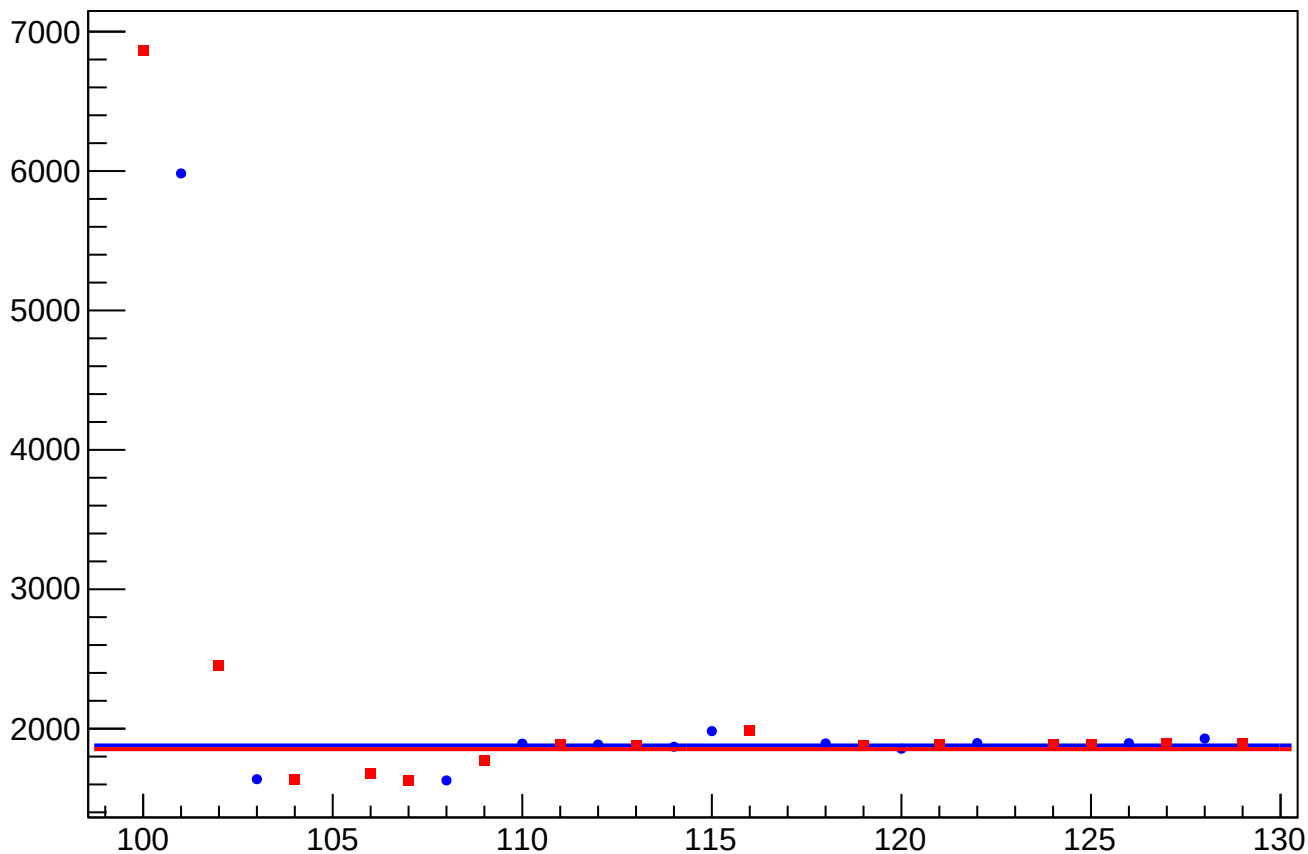
Right: -375.864+/-581.744 χ^2/NDF : 23.0/26

In: -1413.765+/-869.051 χ^2/NDF : 12.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -375.864+/-581.744 χ^2/NDF : 23.0/26

eigen_cor_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1879.510+/-0.615 χ^2/NDF : 663816.4/11

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

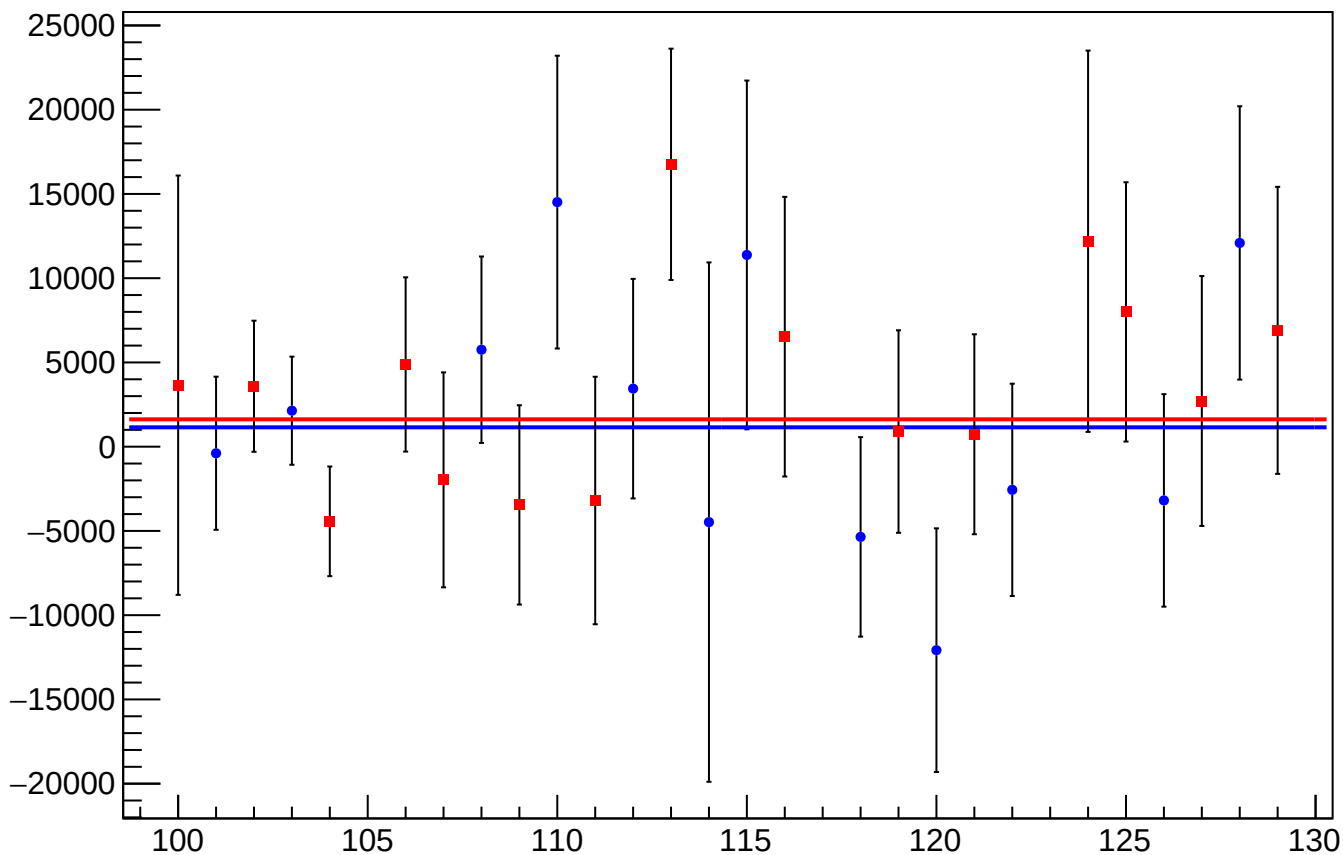
Right: 1864.737+/-0.411 χ^2/NDF : 838421.6/26

In: 1879.510+/-0.615 χ^2/NDF : 663816.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1864.737+/-0.411 χ^2/NDF : 838421.6/26

asym_atr_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1149.034+/-1710.468 χ^2/NDF : 11.7/11

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

Right Out: 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

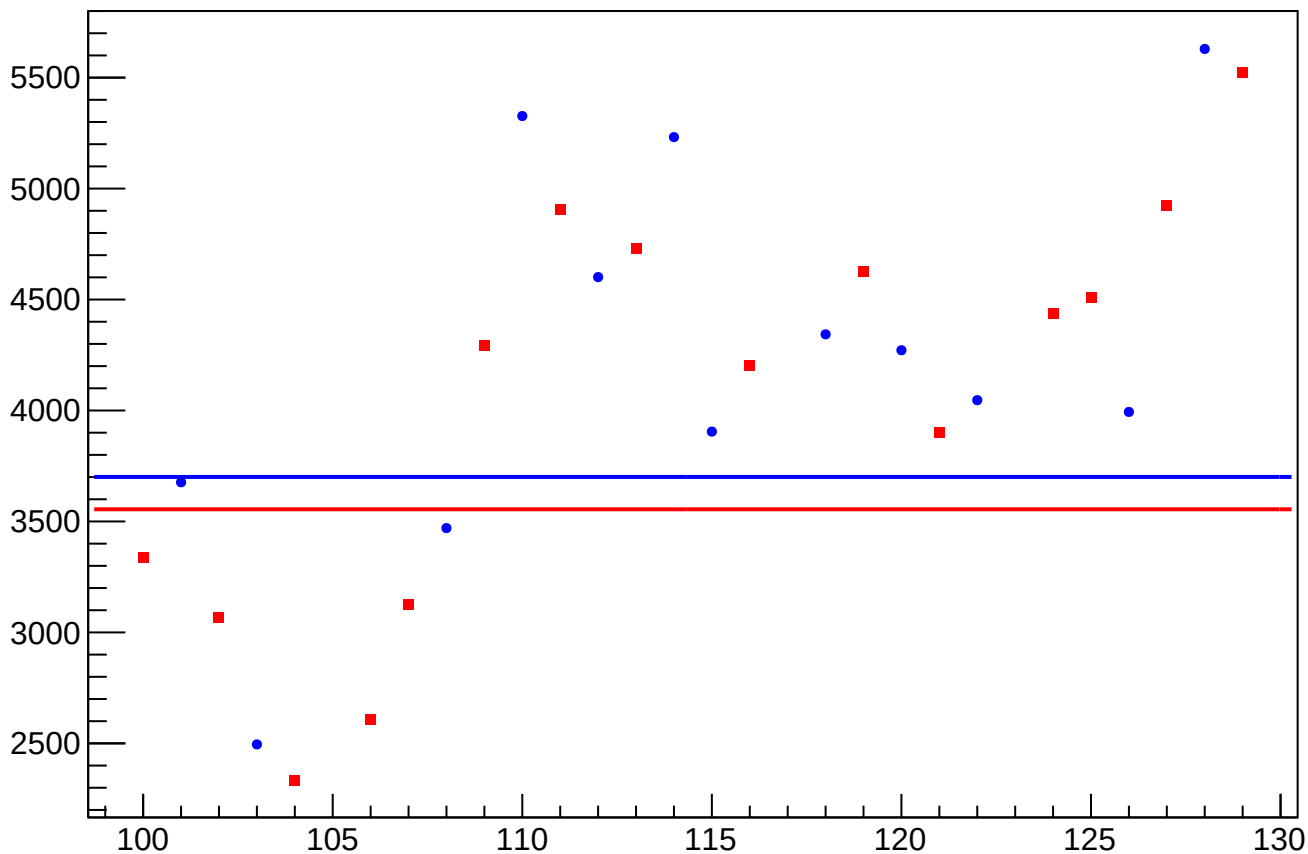
Right: 1411.646+/-1142.298 χ^2/NDF : 24.6/26

In: 1149.034+/-1710.468 χ^2/NDF : 11.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1411.646+/-1142.298 χ^2/NDF : 24.6/26

asym_atr_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3700.637+/-1.209 χ^2/NDF : 574009.4/11

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

Right Out: 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

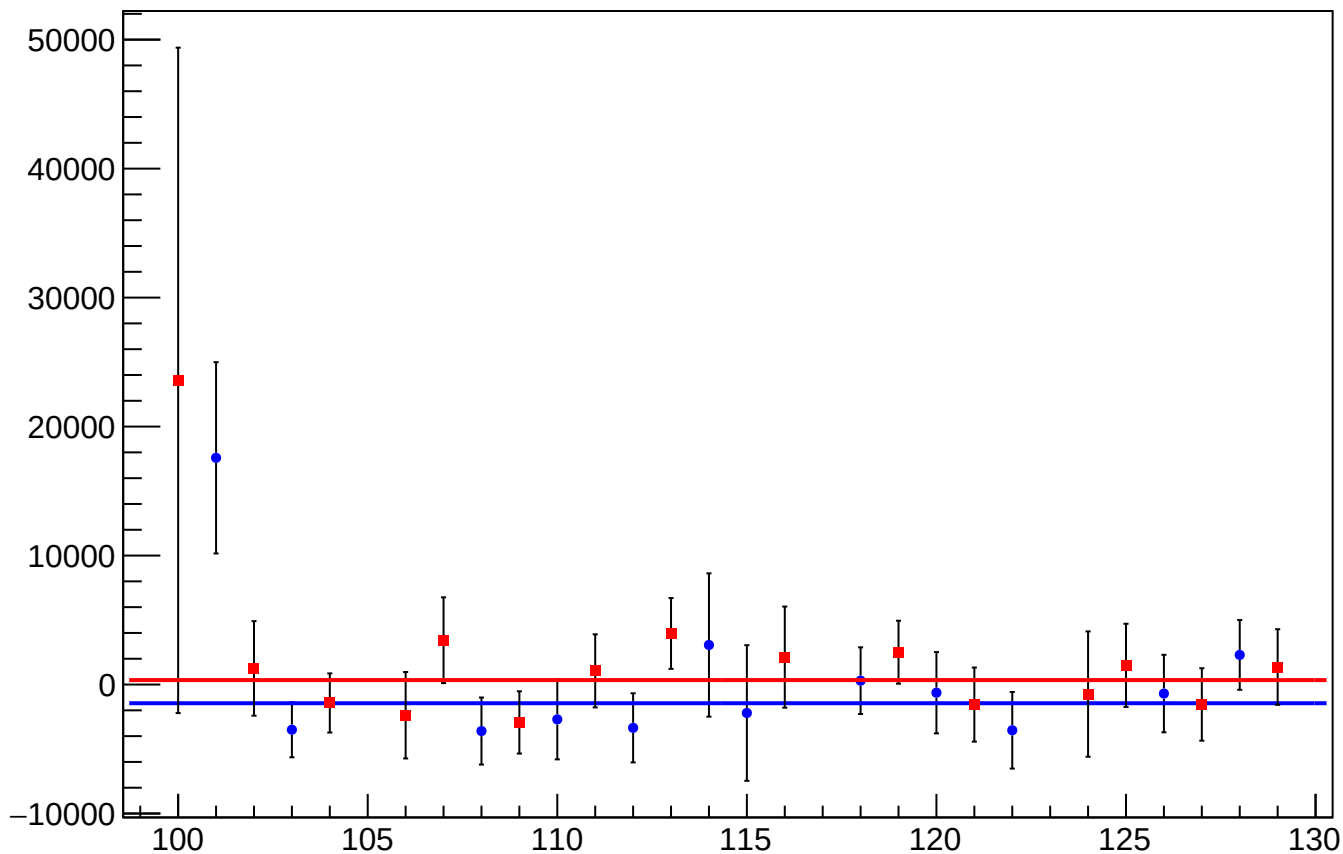
Right: 3619.868+/-0.808 χ^2/NDF : 1429746.9/26

In: 3700.637+/-1.209 χ^2/NDF : 574009.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3619.868+/-0.808 χ^2/NDF : 1429746.9/26

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1448.065+/-874.428 χ^2/NDF : 12.5/11

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

Right Out: 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

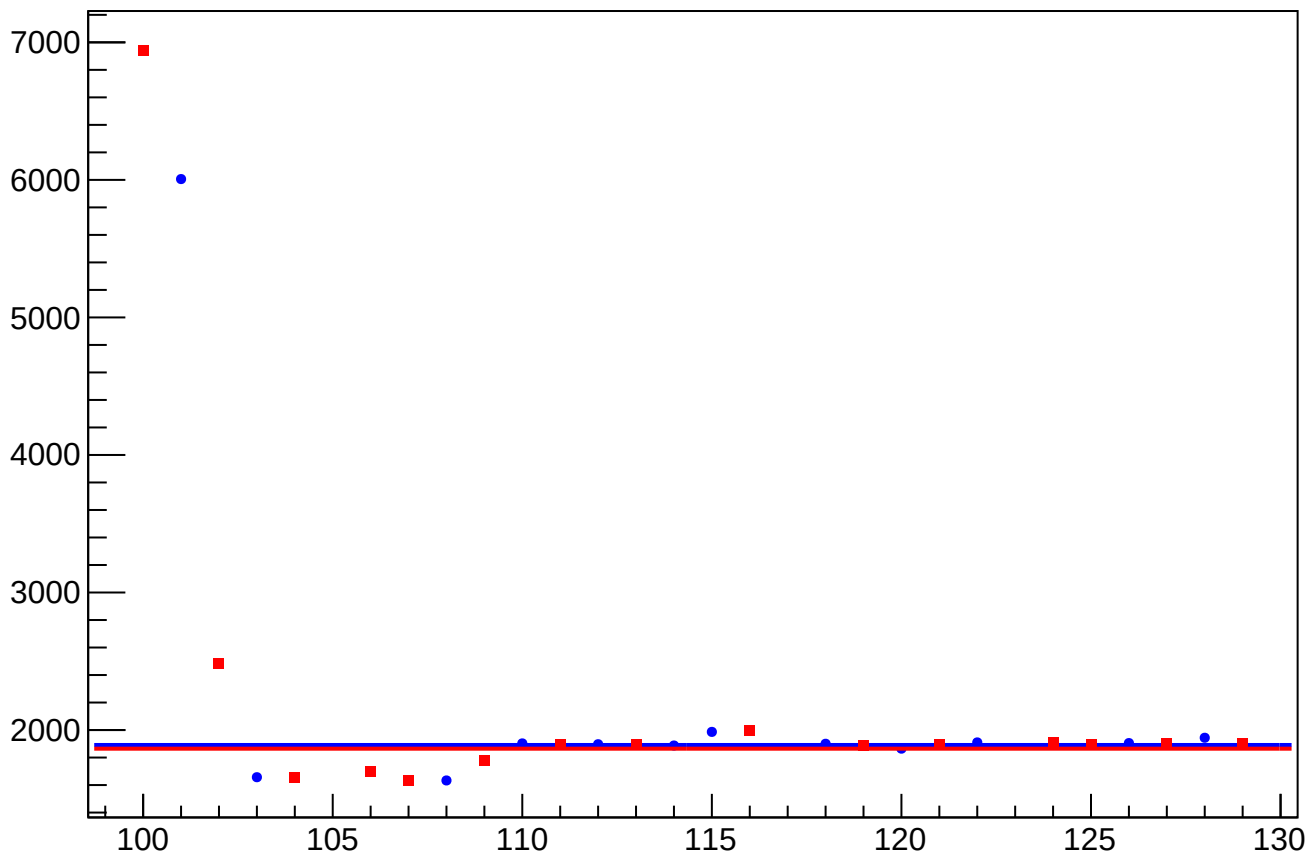
Right: -459.288+/-585.381 χ^2/NDF : 23.7/26

In: -1448.065+/-874.428 χ^2/NDF : 12.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -459.288+/-585.381 χ^2/NDF : 23.7/26

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1891.399+/-0.618 χ^2/NDF : 661108.5/11

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

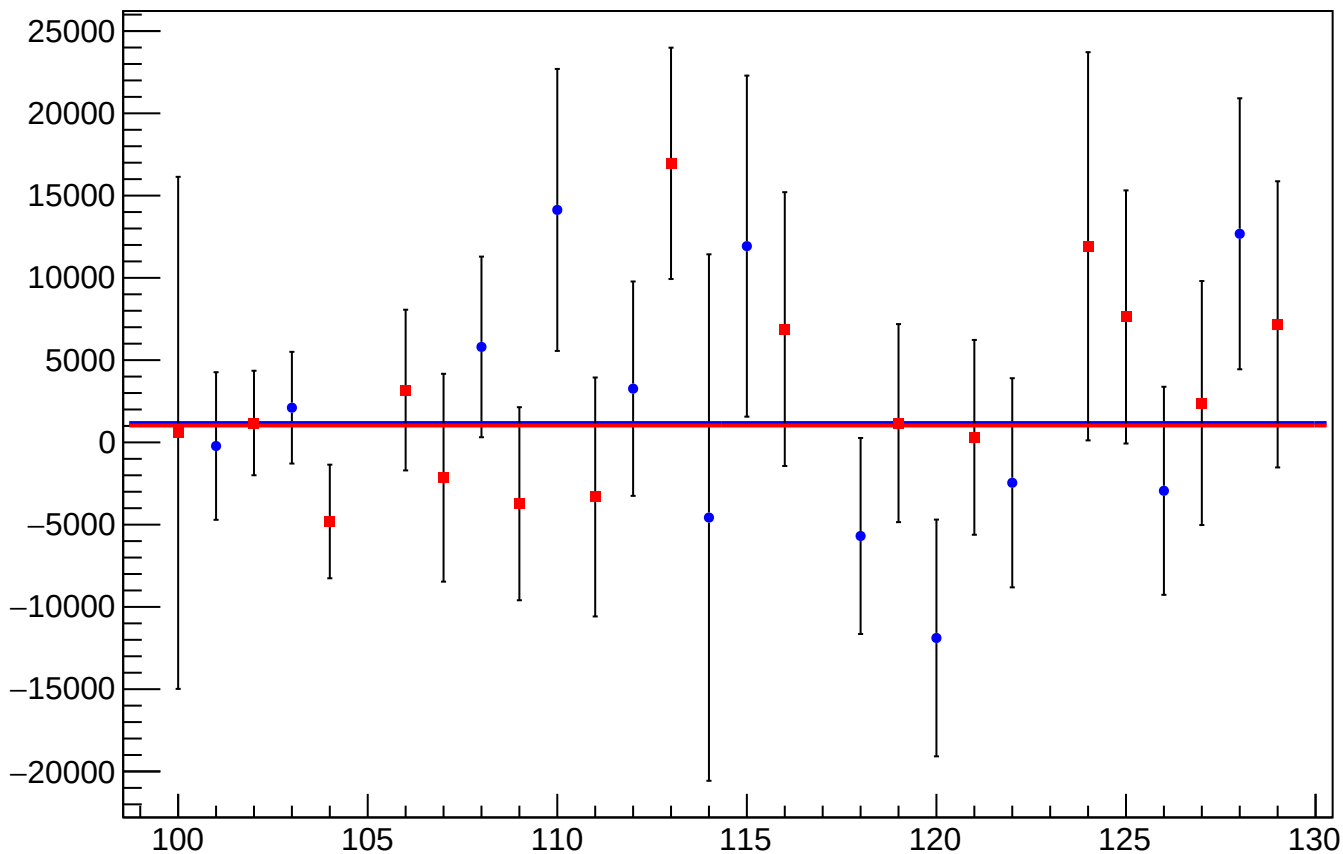
Right: 1876.486+/-0.414 χ^2/NDF : 835097.0/26

In: 1891.399+/-0.618 χ^2/NDF : 661108.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1876.486+/-0.414 χ^2/NDF : 835097.0/26

asym_atr_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1173.629+/-1735.370 χ^2/NDF : 11.8/11

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

Right Out: 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

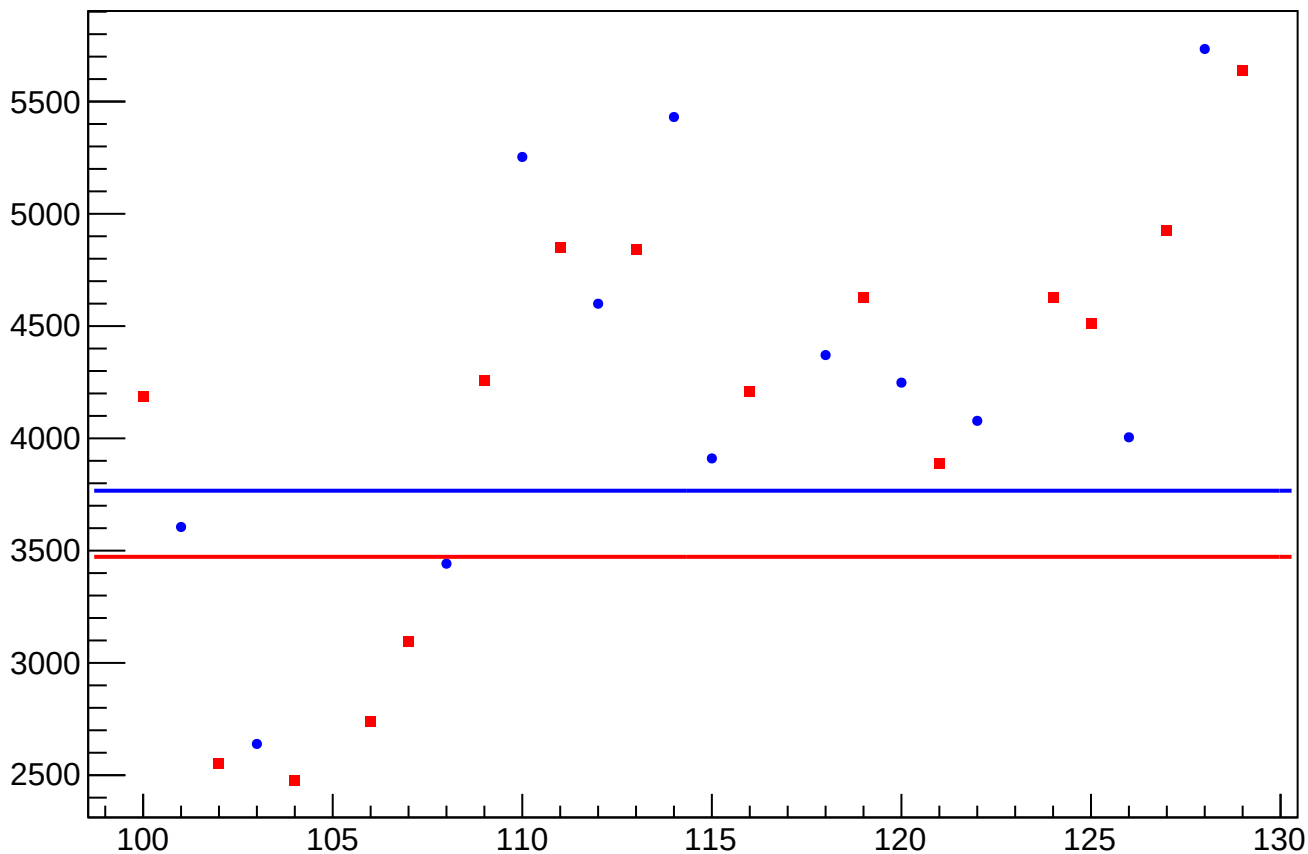
Right: 1089.578+/-1131.901 χ^2/NDF : 23.9/26

In: 1173.629+/-1735.370 χ^2/NDF : 11.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1089.578+/-1131.901 χ^2/NDF : 23.9/26

asym_atr_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3766.849+/-1.227 χ^2/NDF : 496429.4/11

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

Right Out: 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

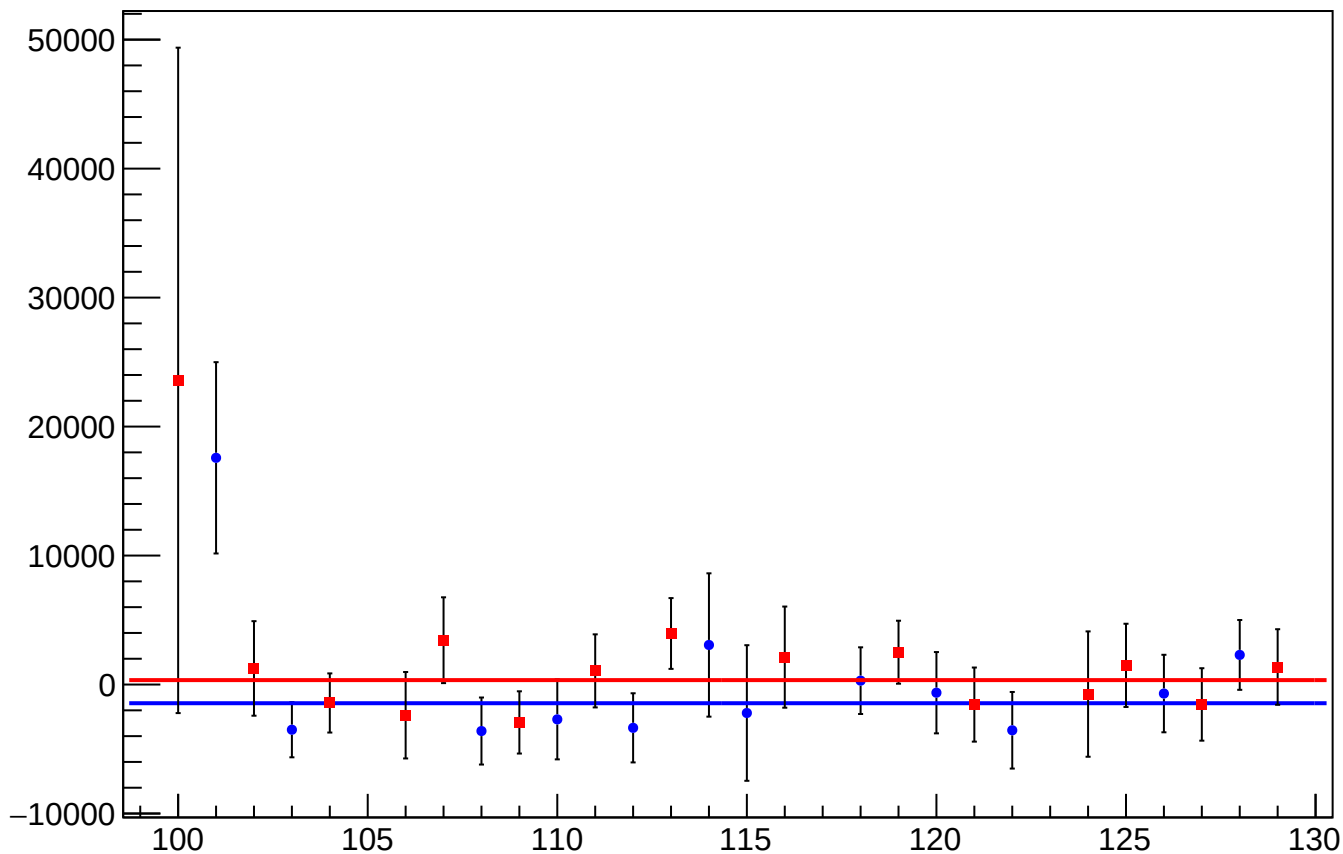
Right: 3597.648+/-0.800 χ^2/NDF : 1459610.9/26

In: 3766.849+/-1.227 χ^2/NDF : 496429.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3597.648+/-0.800 χ^2/NDF : 1459610.9/26

eigen_dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1448.068+/-874.428 χ^2/NDF : 12.5/11

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

Right Out: 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

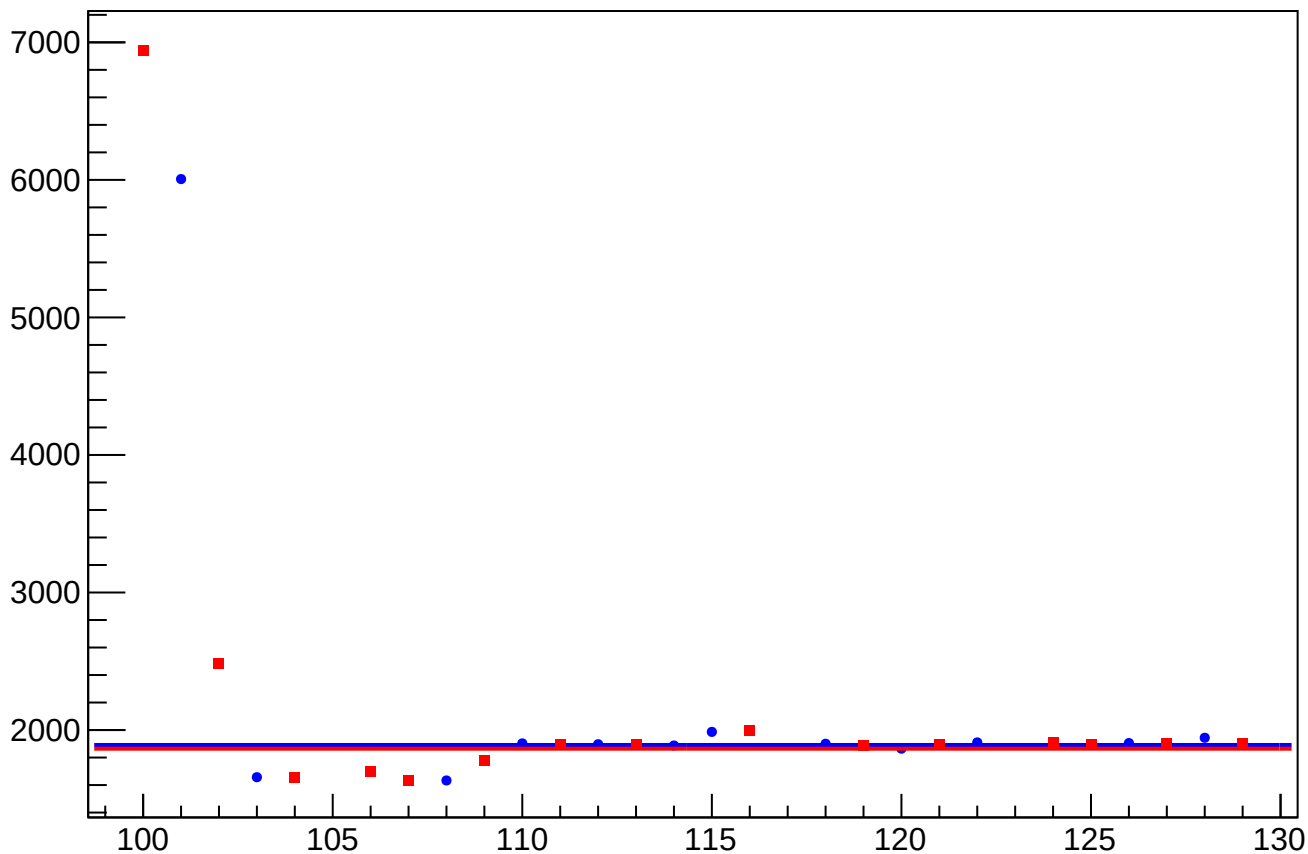
Right: -459.293+/-585.381 χ^2/NDF : 23.7/26

In: -1448.068+/-874.428 χ^2/NDF : 12.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -459.293+/-585.381 χ^2/NDF : 23.7/26

eigen_dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1891.398+/-0.618 χ^2/NDF : 661108.5/11

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

Right Out: 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

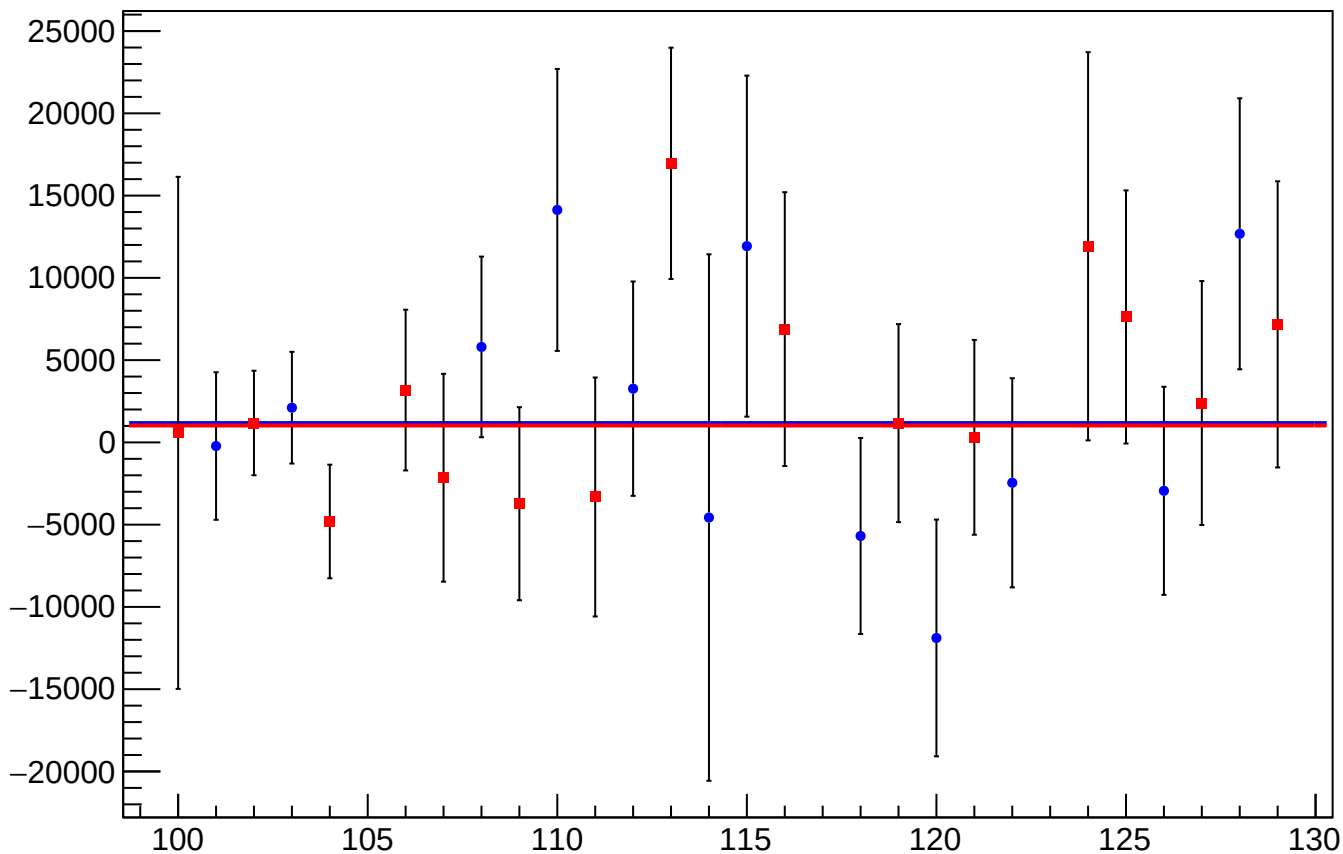
Right: 1876.486+/-0.414 χ^2/NDF : 835096.9/26

In: 1891.398+/-0.618 χ^2/NDF : 661108.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1876.486+/-0.414 χ^2/NDF : 835096.9/26

asym_atr_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1173.625 $\pm$ 1735.366 χ^2/NDF : 11.8/11

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

Right Out: 1027.341 $\pm$ 1493.269 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

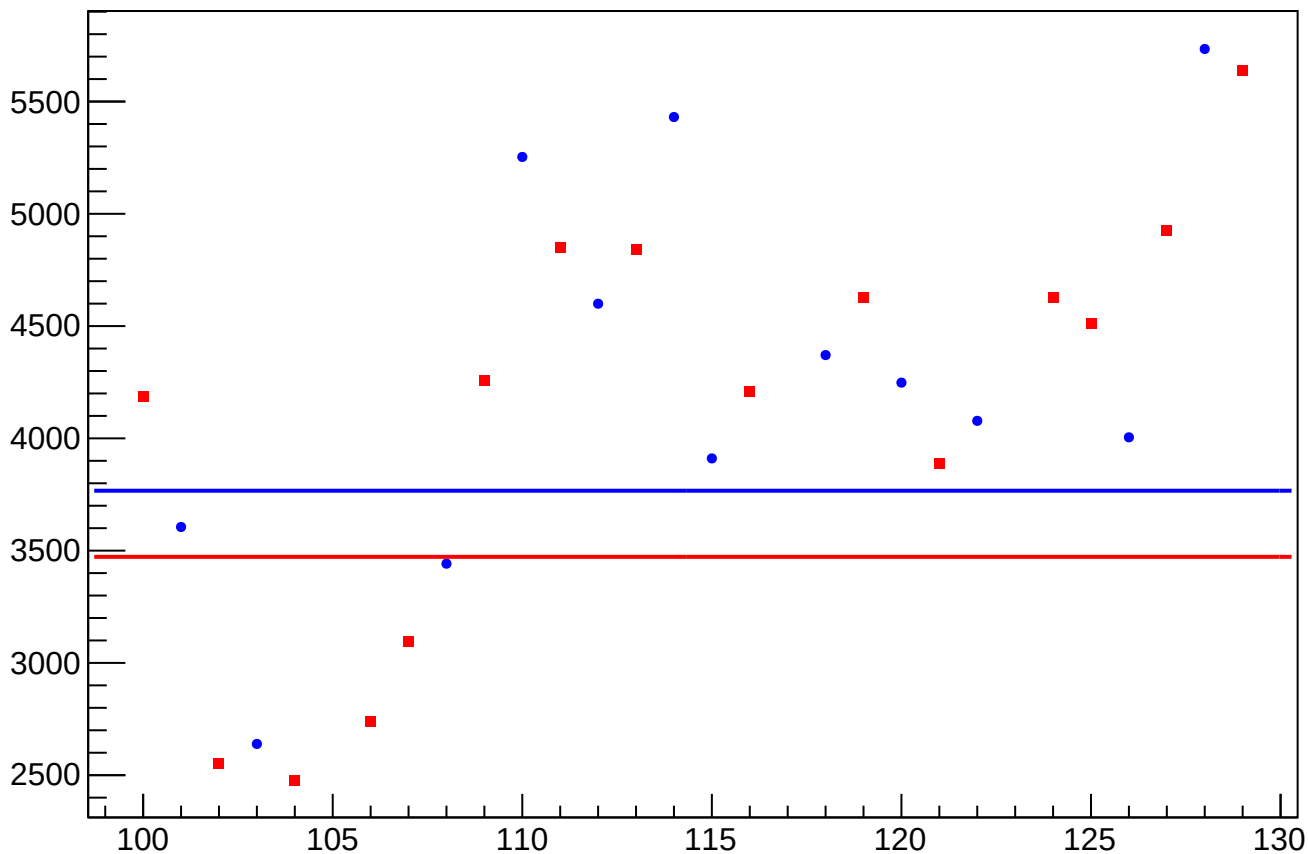
Right: 1089.575 $\pm$ 1131.899 χ^2/NDF : 23.9/26

In: 1173.625 $\pm$ 1735.366 χ^2/NDF : 11.8/11

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

All: 1089.575 $\pm$ 1131.899 χ^2/NDF : 23.9/26

asym_atr_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3766.843+/-1.227 χ^2/NDF : 496423.3/11

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

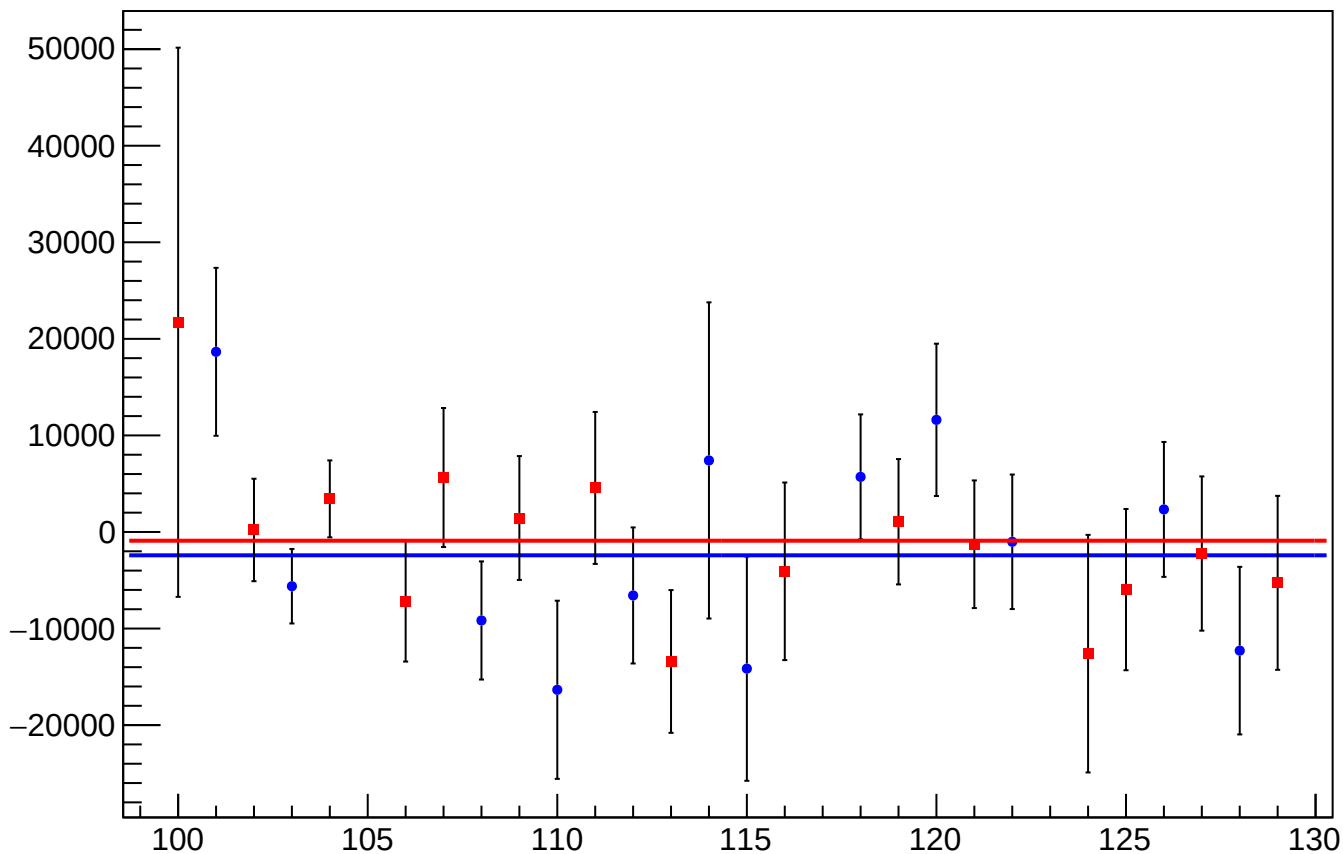
Right: 3597.643+/-0.800 χ^2/NDF : 1459597.2/26

In: 3766.843+/-1.227 χ^2/NDF : 496423.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3597.643+/-0.800 χ^2/NDF : 1459597.2/26

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2416.147+/-2022.254 χ^2/NDF : 18.3/11

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

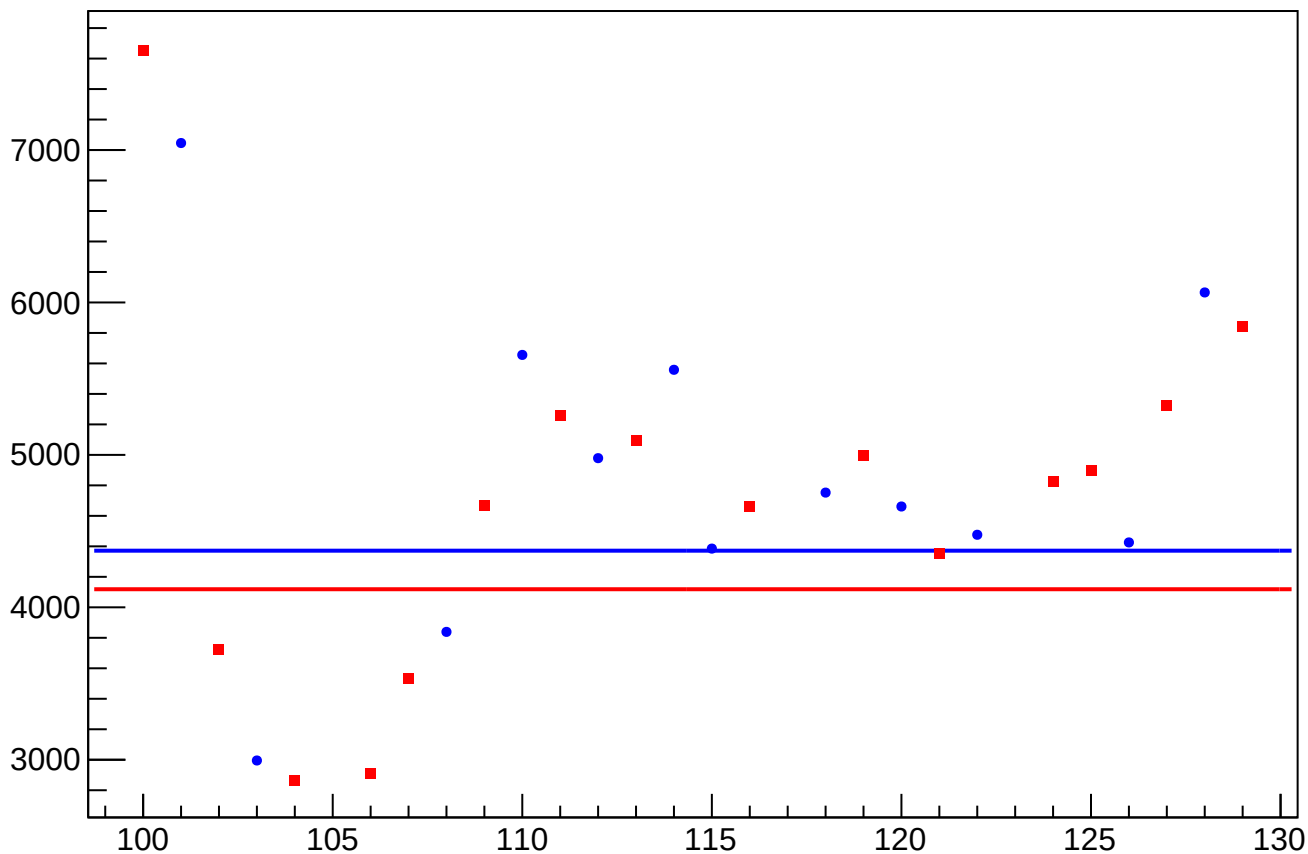
Right: -1570.053+/-1341.988 χ^2/NDF : 27.5/26

In: -2416.147+/-2022.254 χ^2/NDF : 18.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1570.053+/-1341.988 χ^2/NDF : 27.5/26

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4371.564+/-1.430 χ^2/NDF : 609458.3/11

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

Right Out: 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

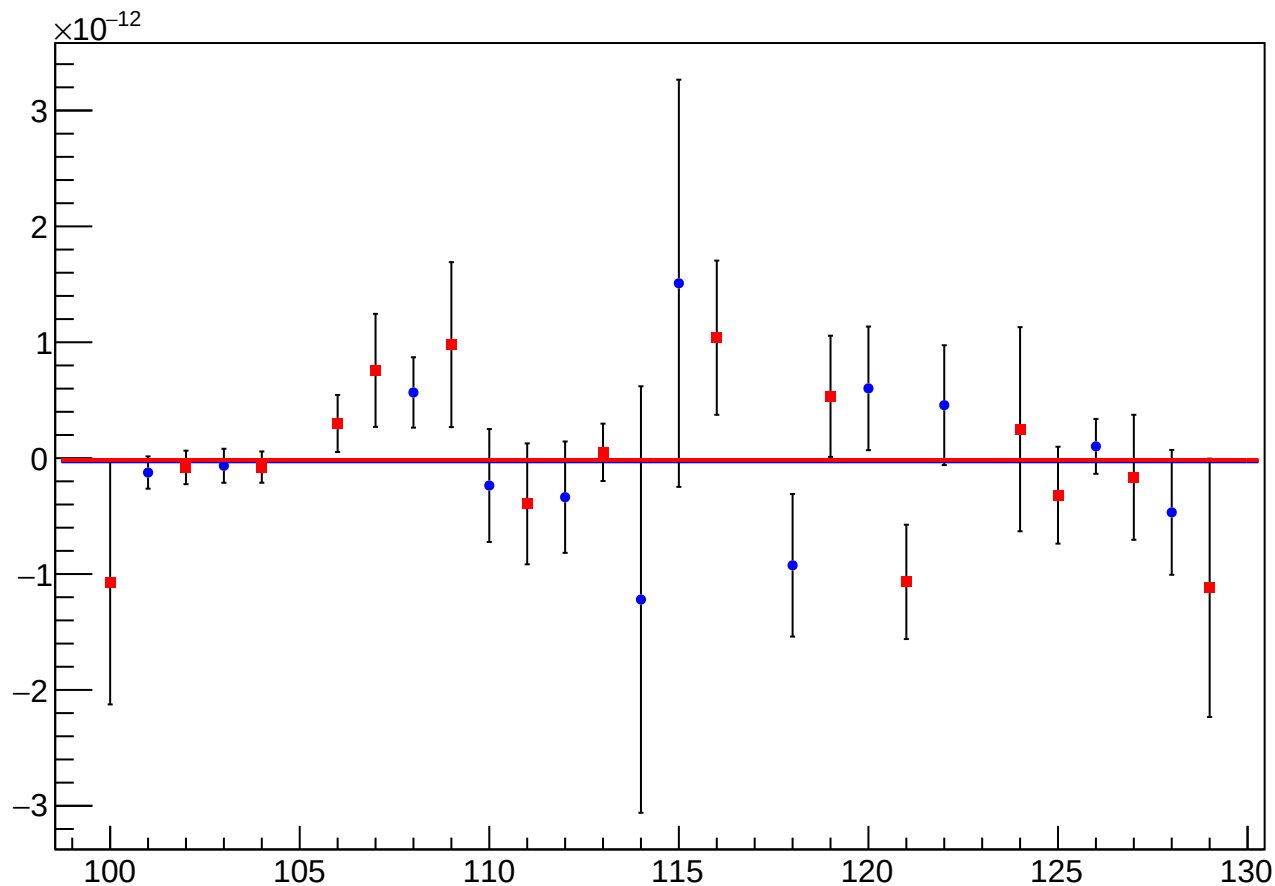
Right: 4228.784+/-0.944 χ^2/NDF : 1253916.9/26

In: 4371.564+/-1.430 χ^2/NDF :609458.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4228.784+/-0.944 χ^2/NDF : 1253916.9/26

asym_atr_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.5/11

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

Right Out: -0.000+/-0.000 χ^2/NDF : 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

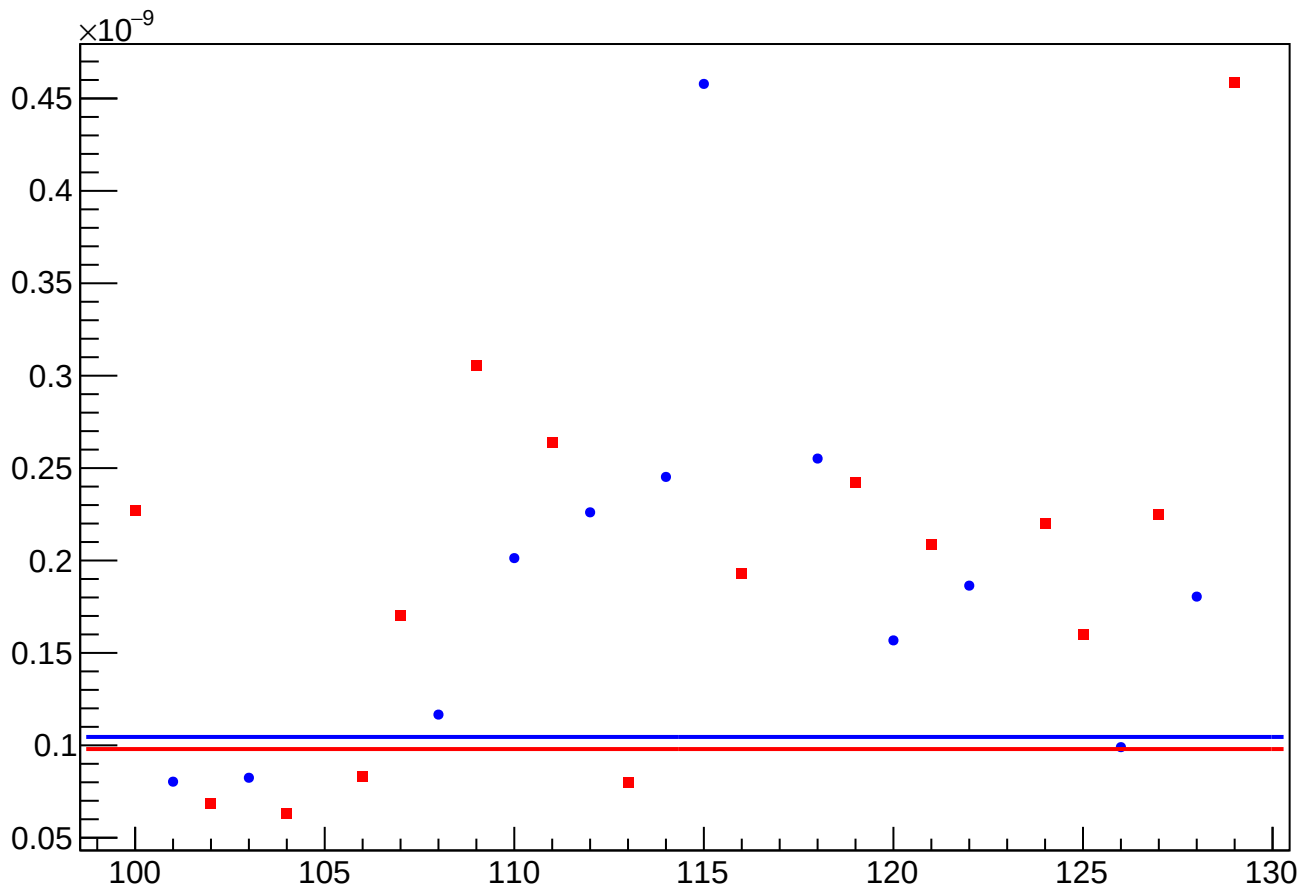
Right: -0.000+/-0.000 χ^2/NDF : 29.5/26

In: -0.000+/-0.000 χ^2/NDF : 11.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.5/26

asym_atr_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 638291.2/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 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

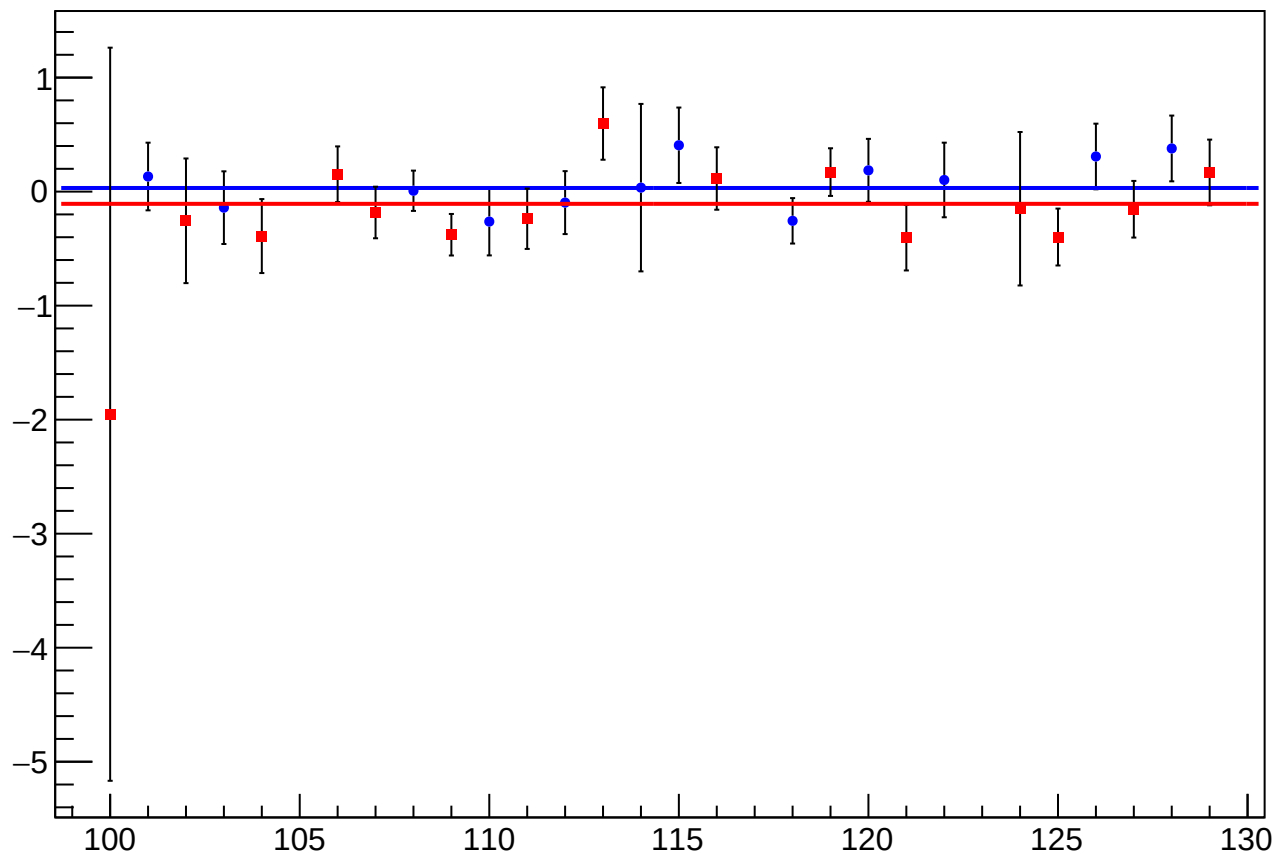
Right: 0.000+/-0.000 χ^2/NDF : 2024052.8/26

In: 0.000+/-0.000 χ^2/NDF : 638291.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2024052.8/26

asym_atr_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.032 $\pm$ 0.079 χ^2 /NDF: 7.7/11

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

Right Out: -0.107 $\pm$ 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

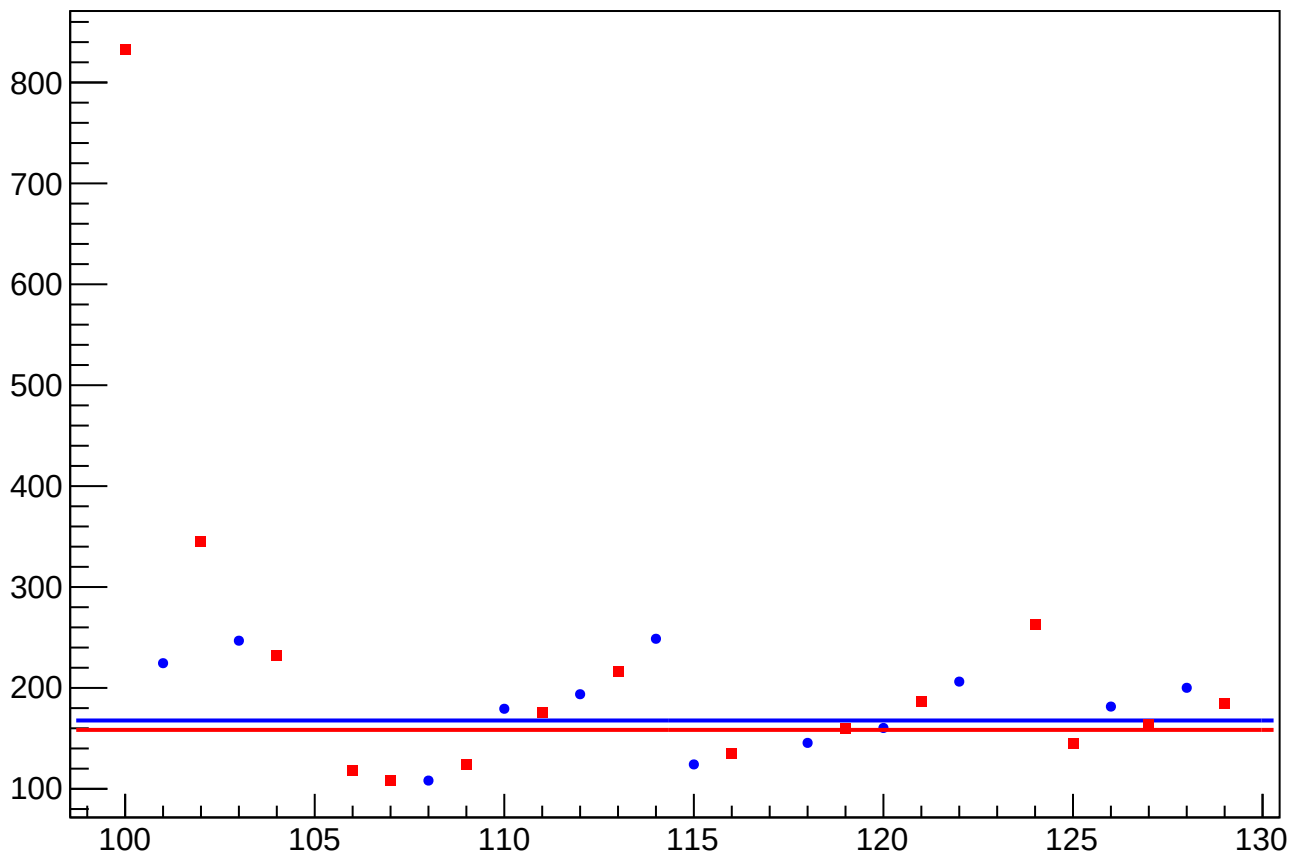
Right: -0.045 $\pm$ 0.053 χ^2 /NDF: 25.1/26

In: 0.032 $\pm$ 0.079 χ^2 /NDF:7.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.045 $\pm$ 0.053 χ^2 /NDF: 25.1/26

asym_atr_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 167.745+/-0.056 χ^2/NDF : 587275.7/11

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

Right Out: 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

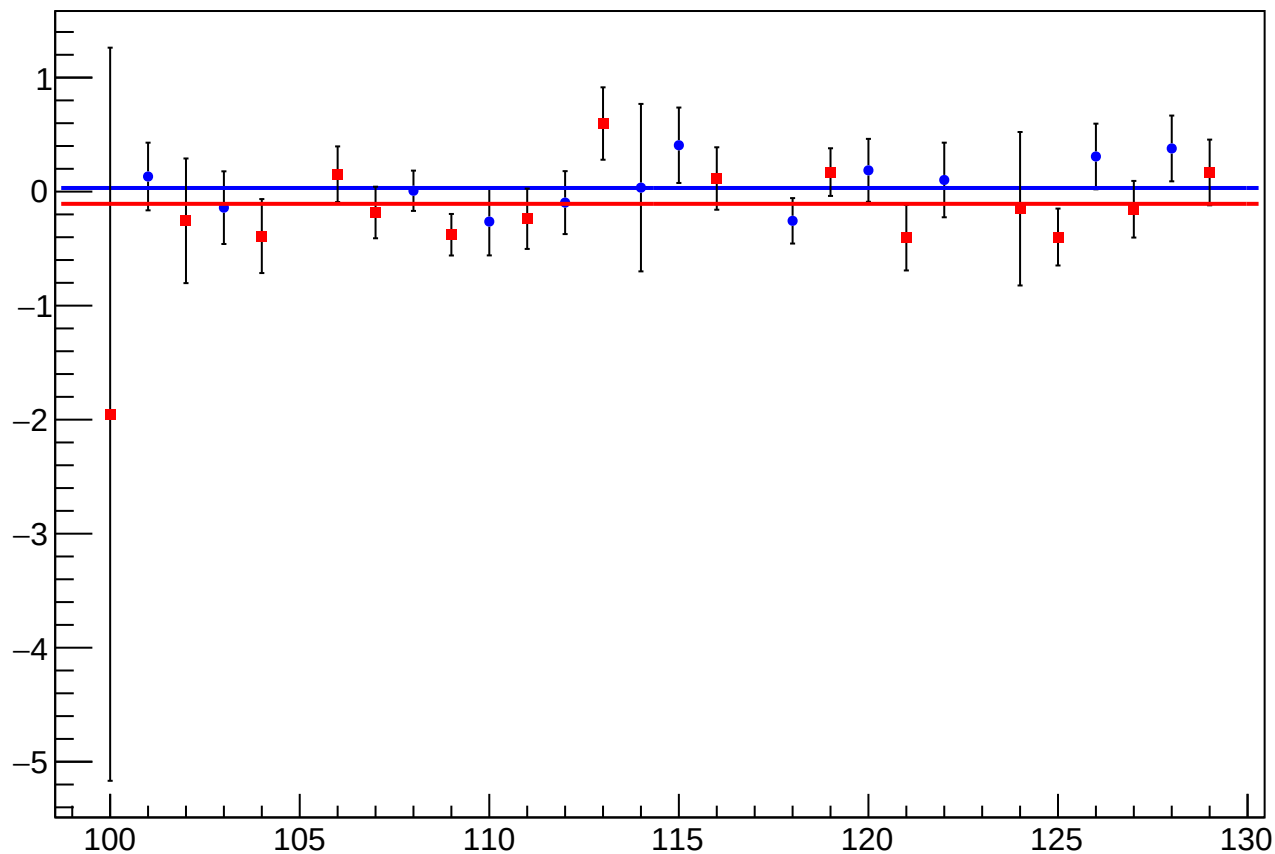
Right: 162.583+/-0.037 χ^2/NDF : 1431025.2/26

In: 167.745+/-0.056 χ^2/NDF : 587275.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.583+/-0.037 χ^2/NDF : 1431025.2/26

asym_atr_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.032+/-0.079 χ^2/NDF : 7.7/11

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

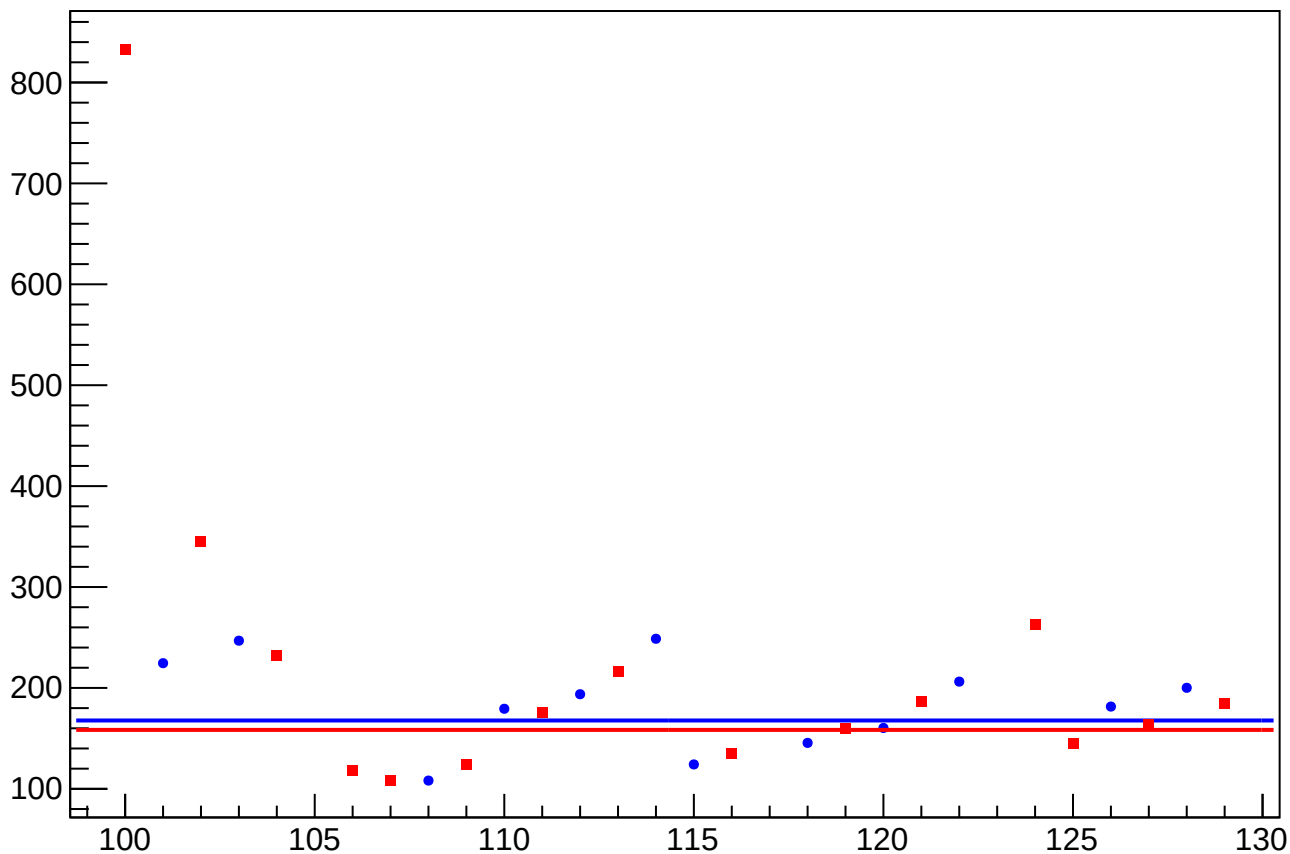
Right: -0.045+/-0.053 χ^2/NDF : 25.1/26

In: 0.032+/-0.079 χ^2/NDF : 7.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.045+/-0.053 χ^2/NDF : 25.1/26

asym_atr_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 167.745+/-0.056 χ^2/NDF : 587275.7/11

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

Right Out: 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

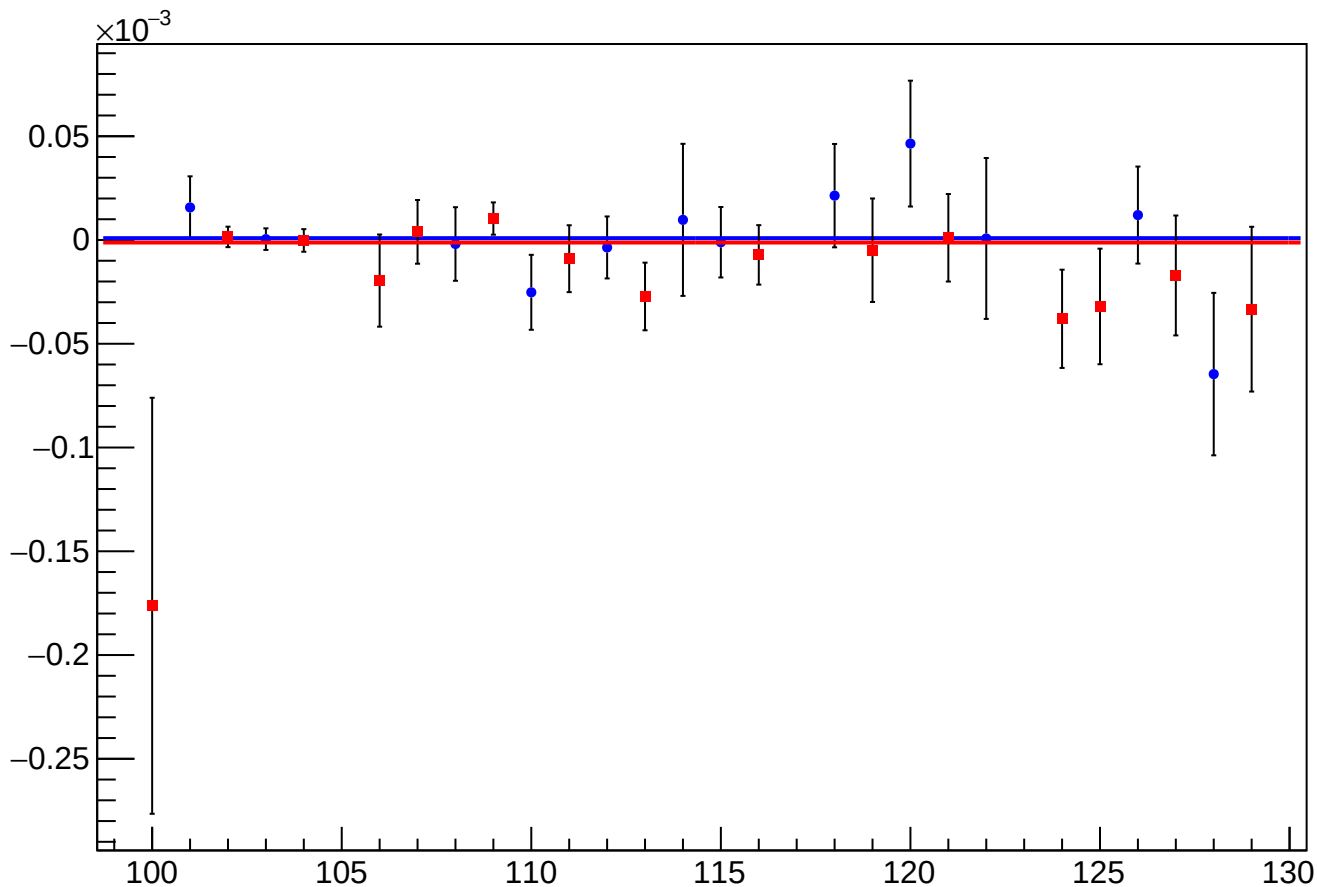
Right: 162.583+/-0.037 χ^2/NDF : 1431025.2/26

In: 167.745+/-0.056 χ^2/NDF : 587275.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.583+/-0.037 χ^2/NDF : 1431025.2/26

asym_atr_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.2/11

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

Right Out: -0.000+/-0.000 χ^2/NDF : 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

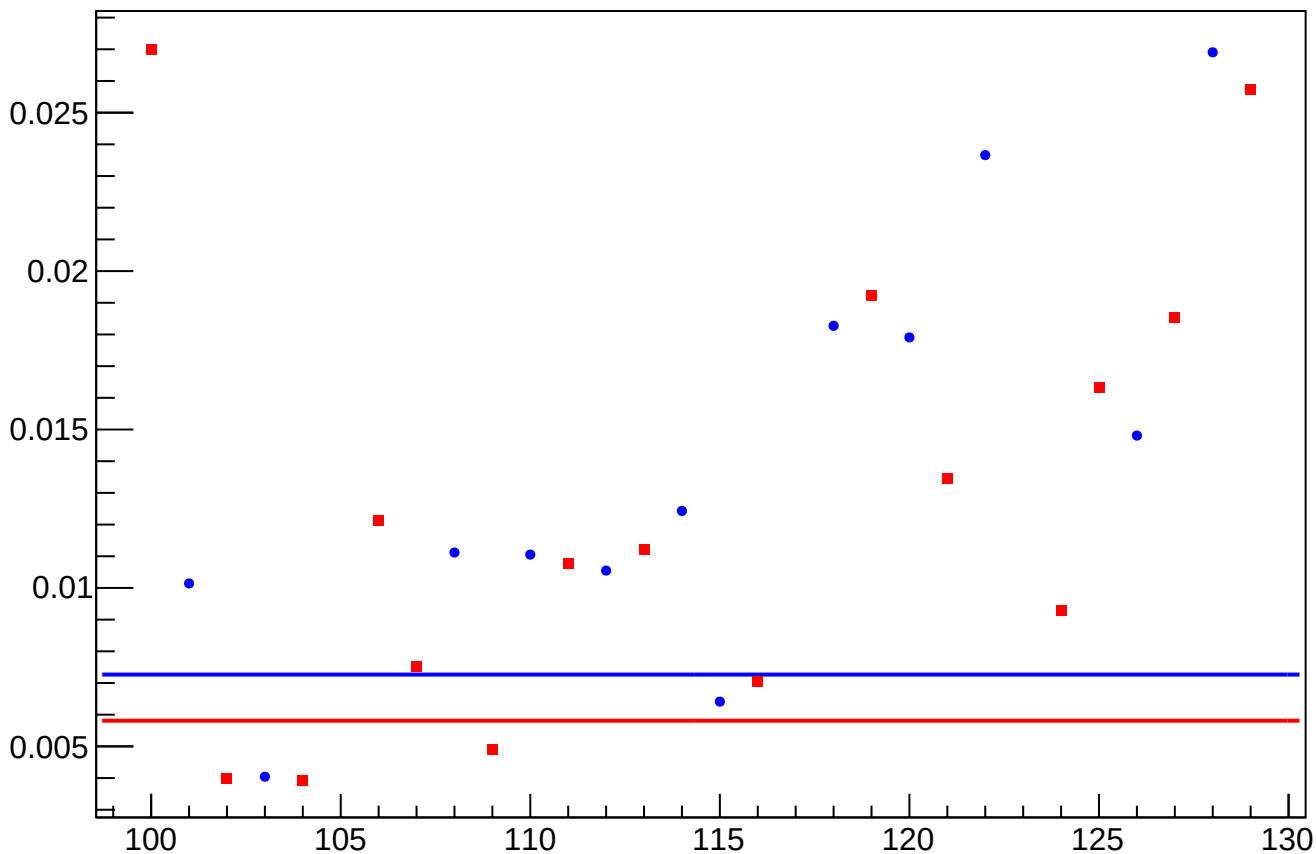
Right: -0.000+/-0.000 χ^2/NDF : 23.4/26

In: 0.000+/-0.000 χ^2/NDF : 9.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.4/26

asym_atr_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 2871931.7/11

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

Right Out: 0.006+/-0.000 χ^2/NDF : 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

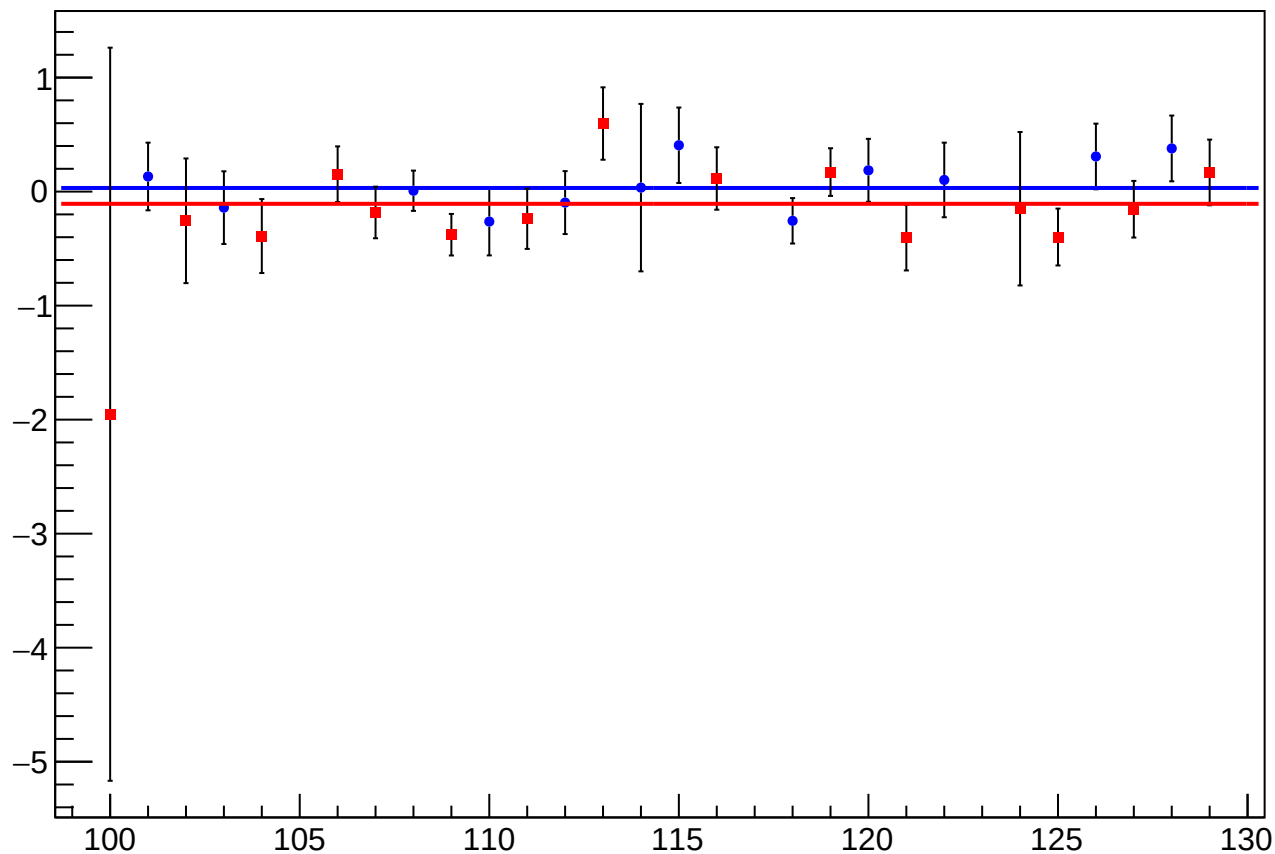
Right: 0.006+/-0.000 χ^2/NDF : 6352075.4/26

In: 0.007+/-0.000 χ^2/NDF : 2871931.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 6352075.4/26

asym_atr_dd_eigen_dit_vs_Slug, Sign Corrected



Right In: 0.032+/-0.079 χ^2/NDF : 7.7/11

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

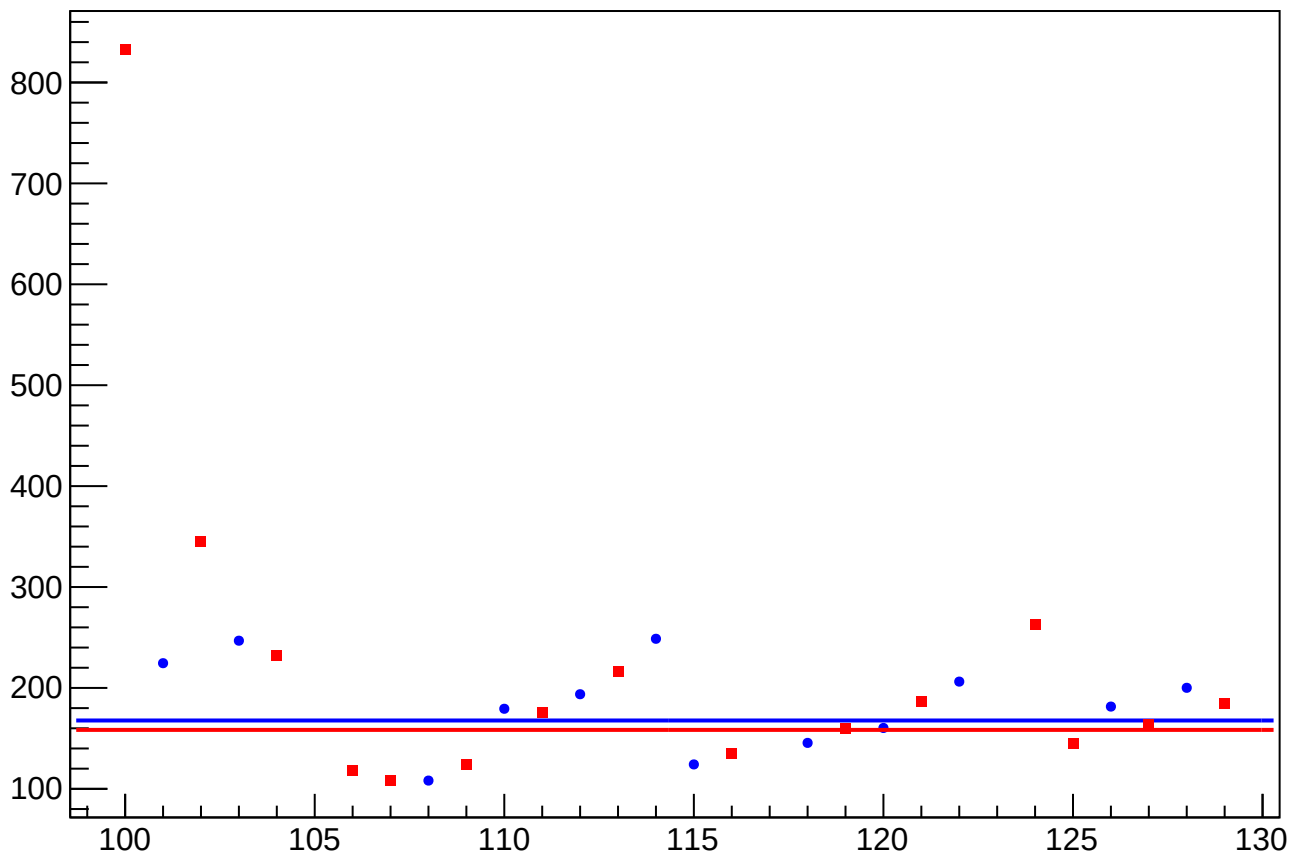
Right: -0.045+/-0.053 χ^2/NDF : 25.1/26

In: 0.032+/-0.079 χ^2/NDF : 7.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.045+/-0.053 χ^2/NDF : 25.1/26

asym_atr_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 167.742+/-0.056 χ^2/NDF : 587325.0/11

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

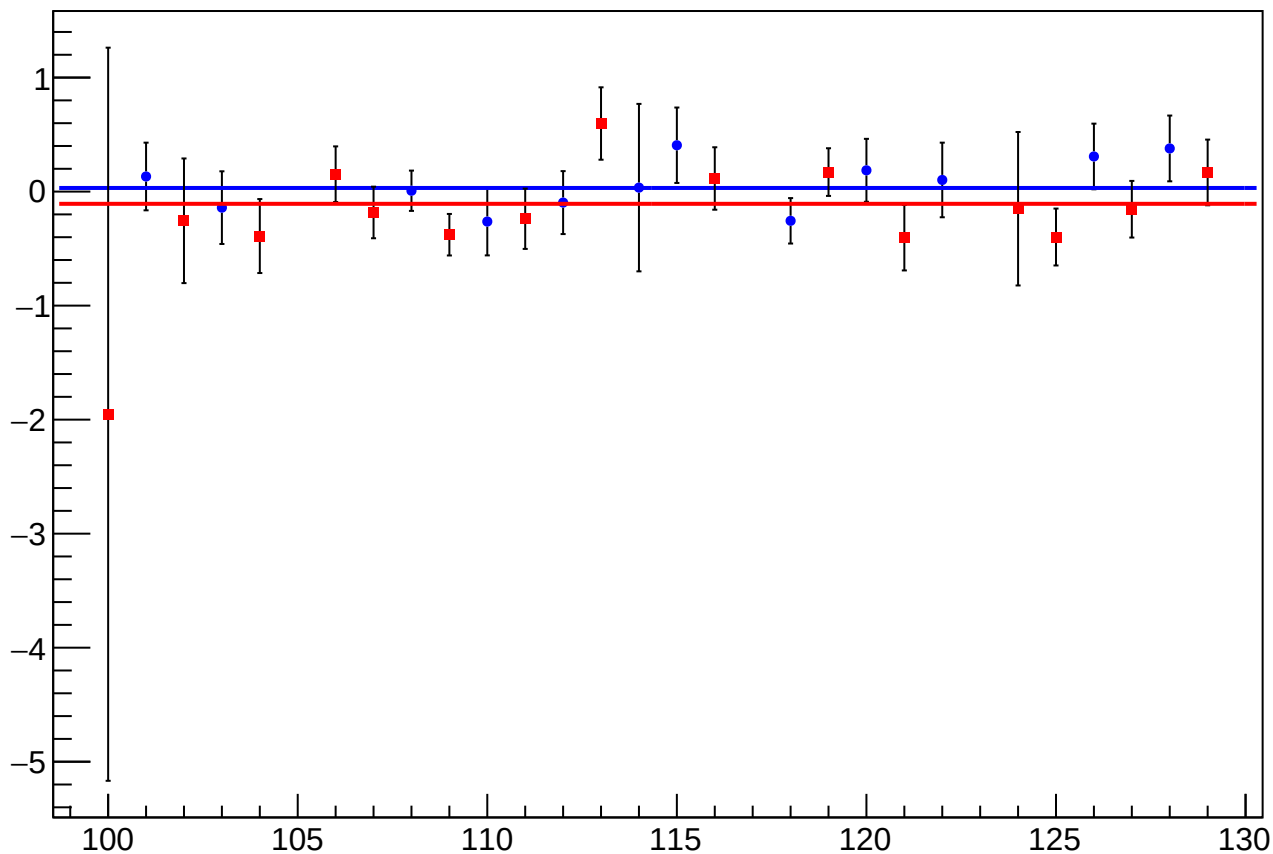
Right: 162.581+/-0.037 χ^2/NDF : 1431049.1/26

In: 167.742+/-0.056 χ^2/NDF : 587325.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.581+/-0.037 χ^2/NDF : 1431049.1/26

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.032 $\pm$ 0.079 χ^2 /NDF: 7.7/11

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

Right Out: -0.107 $\pm$ 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

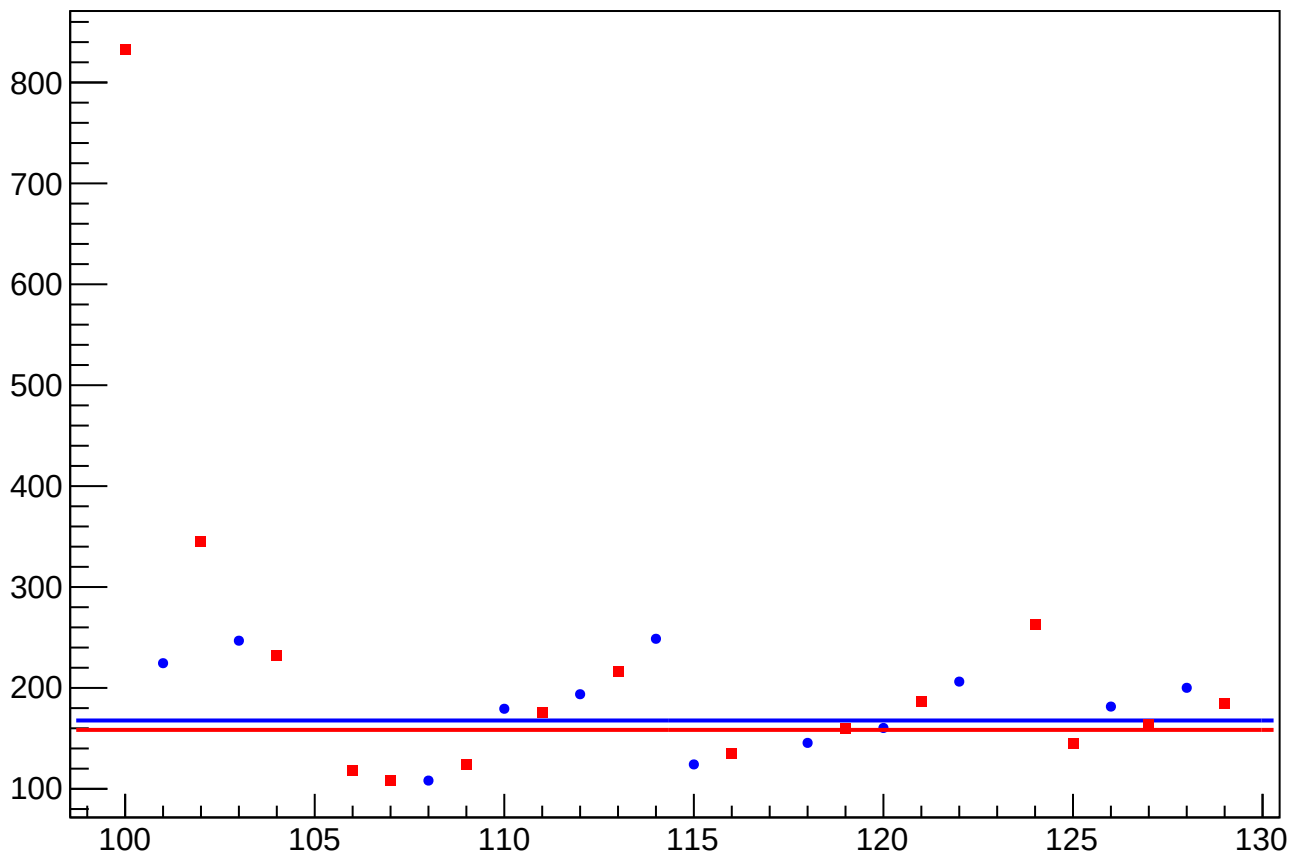
Right: -0.045 $\pm$ 0.053 χ^2 /NDF: 25.1/26

In: 0.032 $\pm$ 0.079 χ^2 /NDF:7.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.045 $\pm$ 0.053 χ^2 /NDF: 25.1/26

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 167.742+/-0.056 χ^2/NDF : 587325.0/11

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

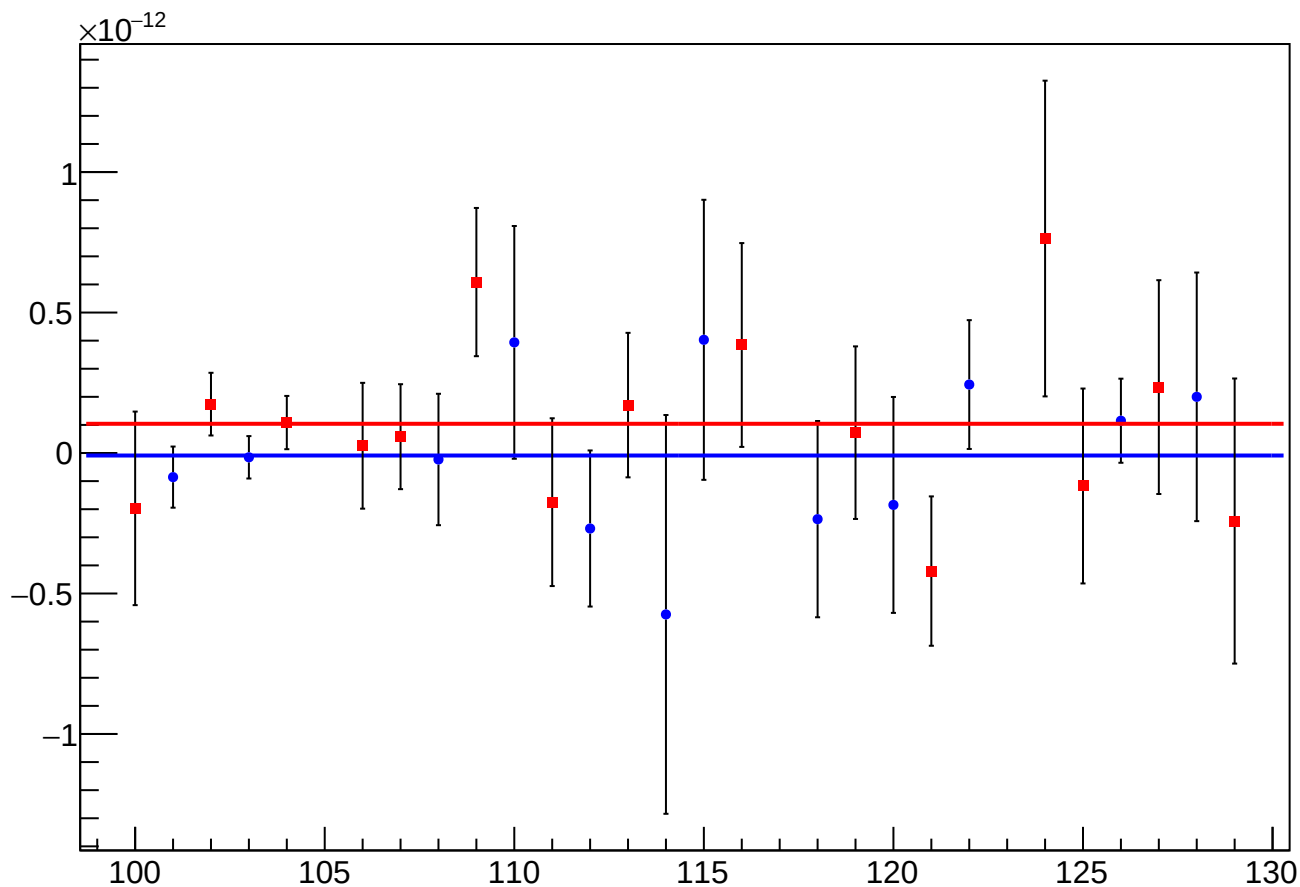
Right: 162.581+/-0.037 χ^2/NDF : 1431049.1/26

In: 167.742+/-0.056 χ^2/NDF : 587325.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.581+/-0.037 χ^2/NDF : 1431049.1/26

asym_atr_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 6.4/11

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

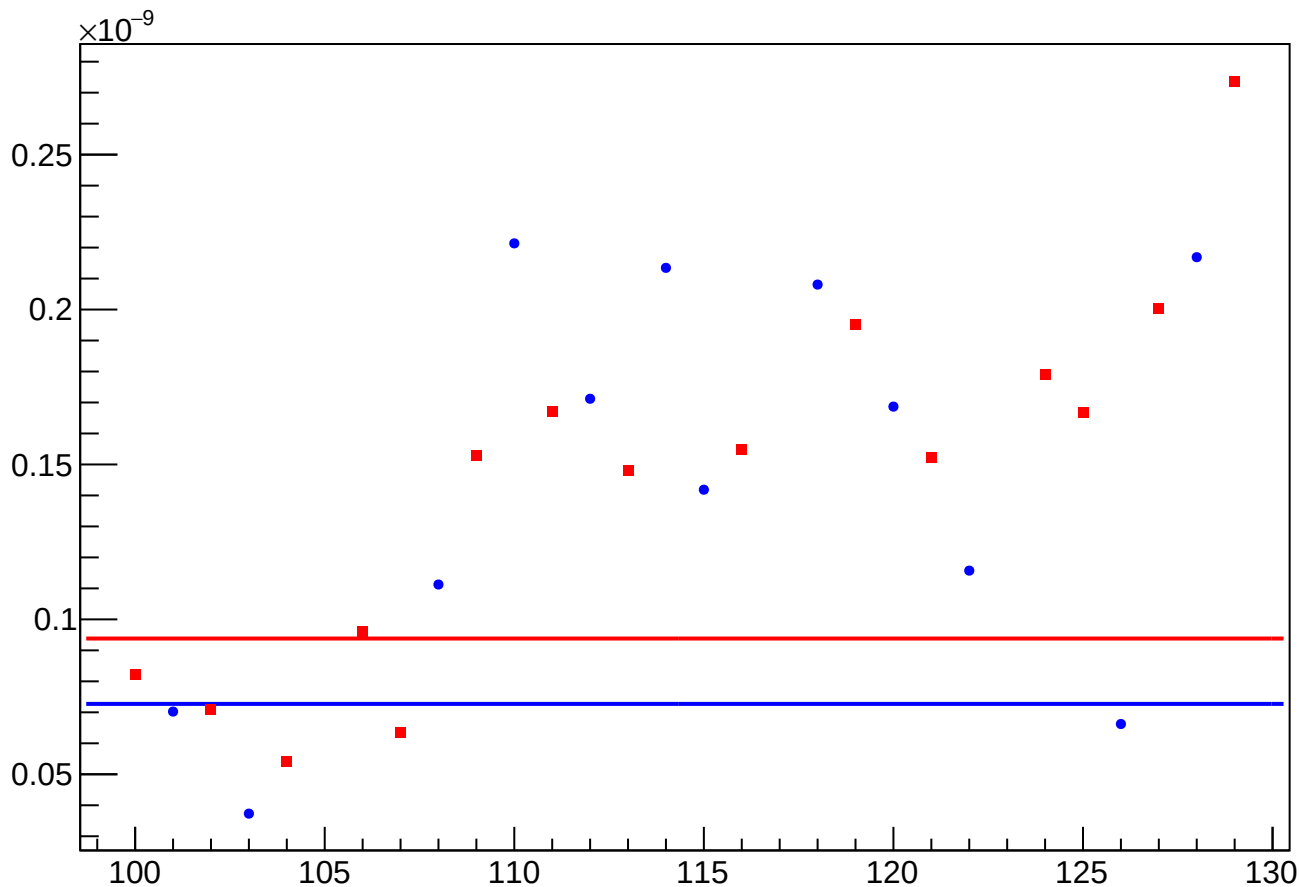
Right: 0.000+/-0.000 χ^2 /NDF: 21.5/26

In: -0.000+/-0.000 χ^2 /NDF:6.4/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 21.5/26

asym_atr_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1833490.3/11

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

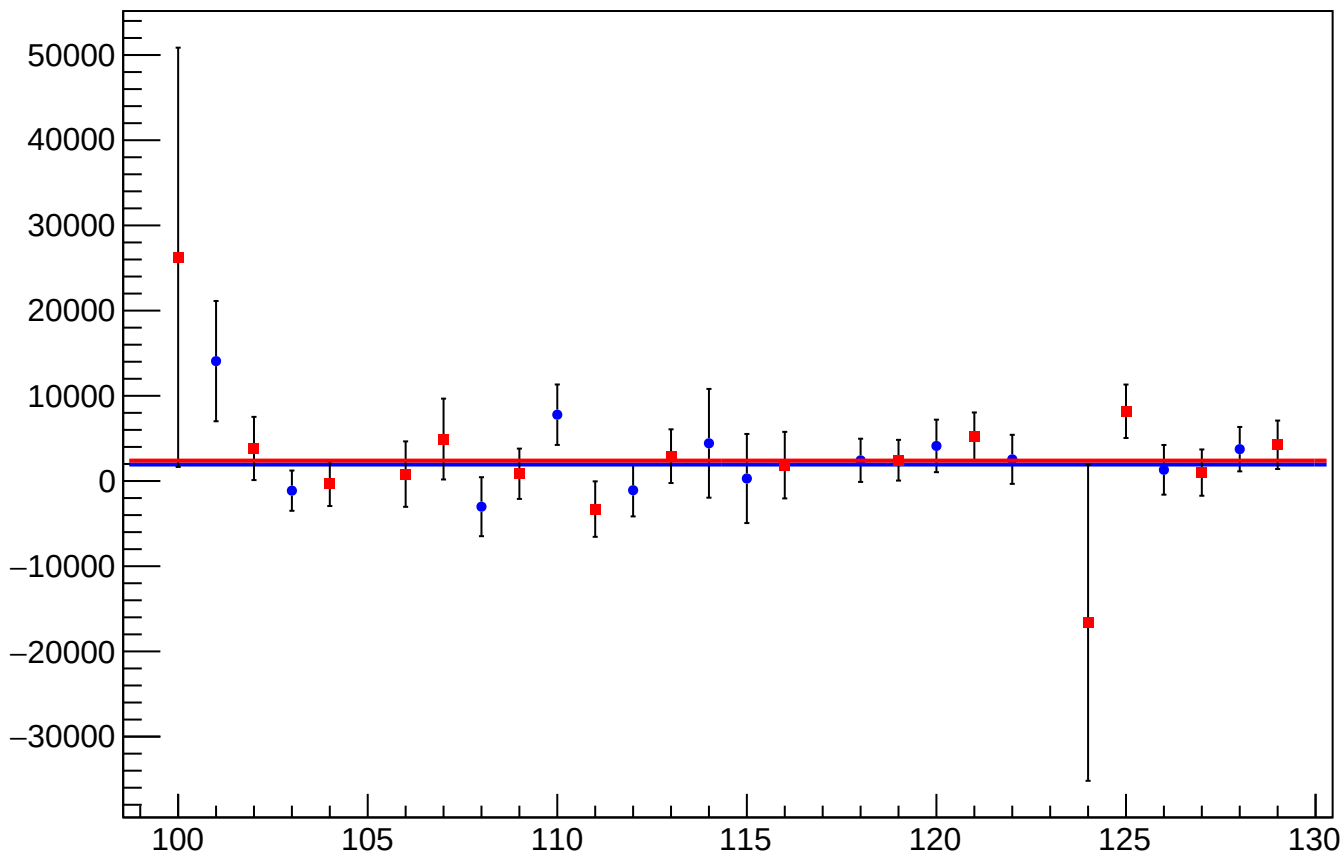
Right: 0.000+/-0.000 χ^2/NDF : 3707390.2/26

In: 0.000+/-0.000 χ^2/NDF : 1833490.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3707390.2/26

reg_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1934.882+/-922.339 χ^2/NDF : 11.7/11

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

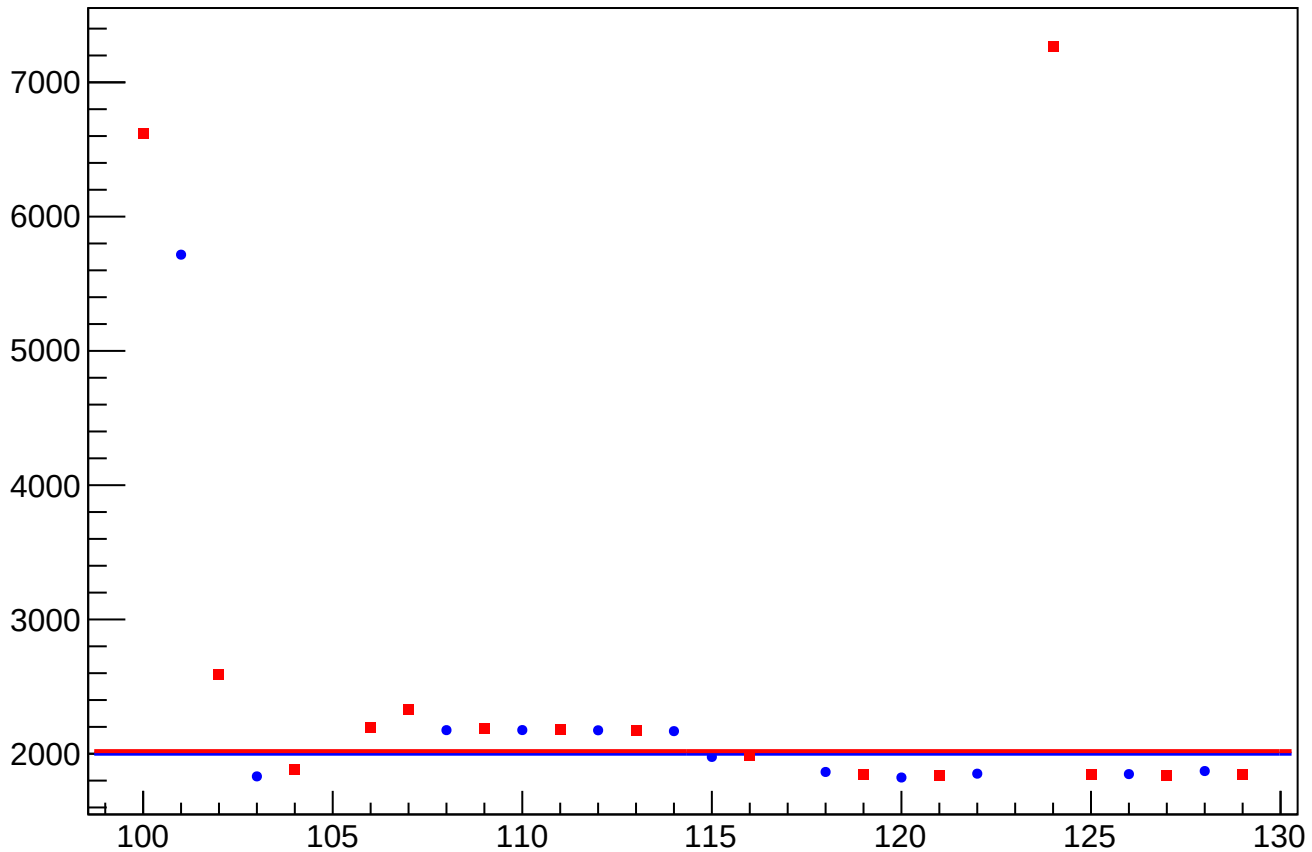
Right: 2183.712+/-626.081 χ^2/NDF : 24.1/26

In: 1934.882+/-922.339 χ^2/NDF : 11.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2183.712+/-626.081 χ^2/NDF : 24.1/26

reg_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2000.357+/-0.652 χ^2/NDF : 610407.0/11

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

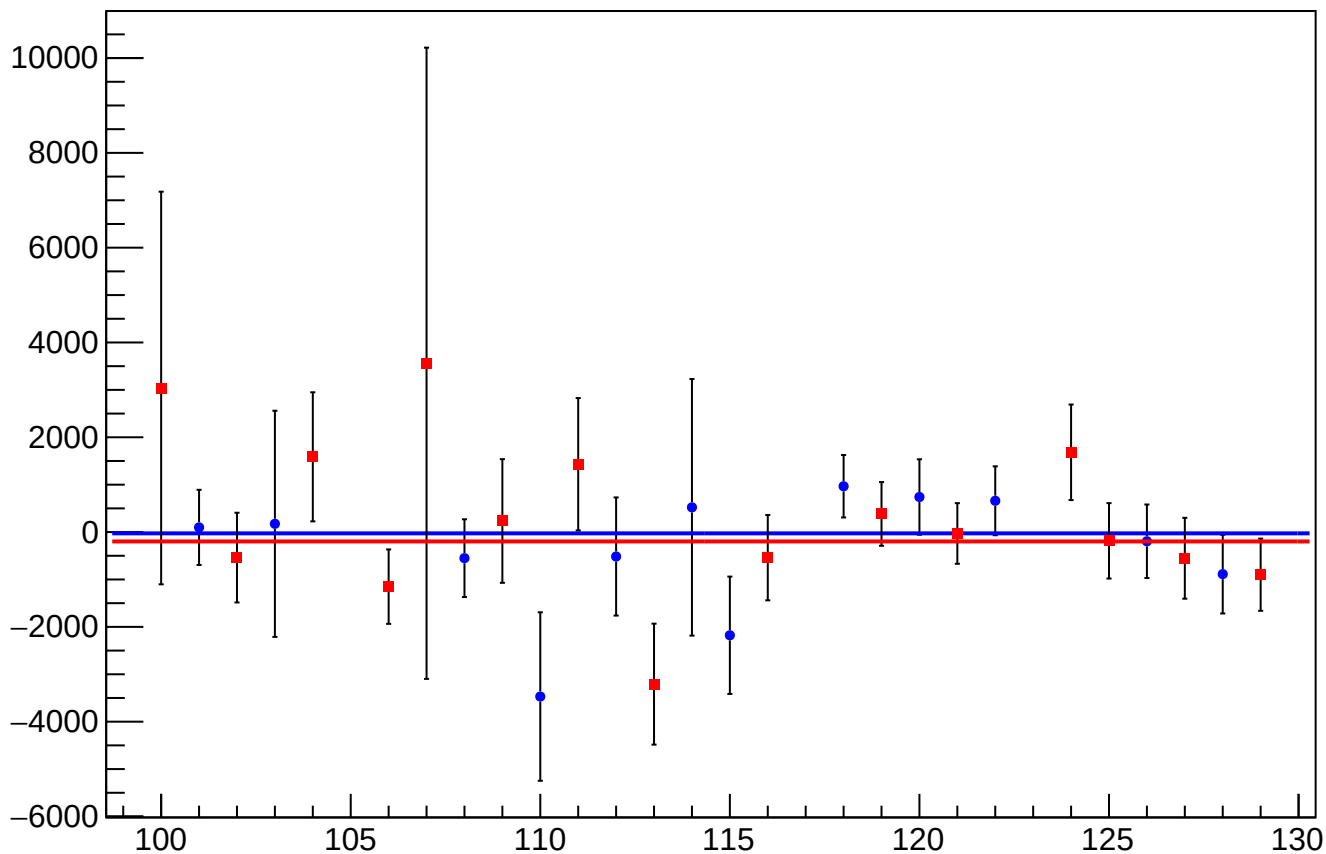
Right: 2010.682+/-0.443 χ^2/NDF : 964172.1/26

In: 2000.357+/-0.652 χ^2/NDF : 610407.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2010.682+/-0.443 χ^2/NDF : 964172.1/26

asym_at1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -26.991 ± 268.299 χ^2/NDF : 12.6/11

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

Right Out: -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

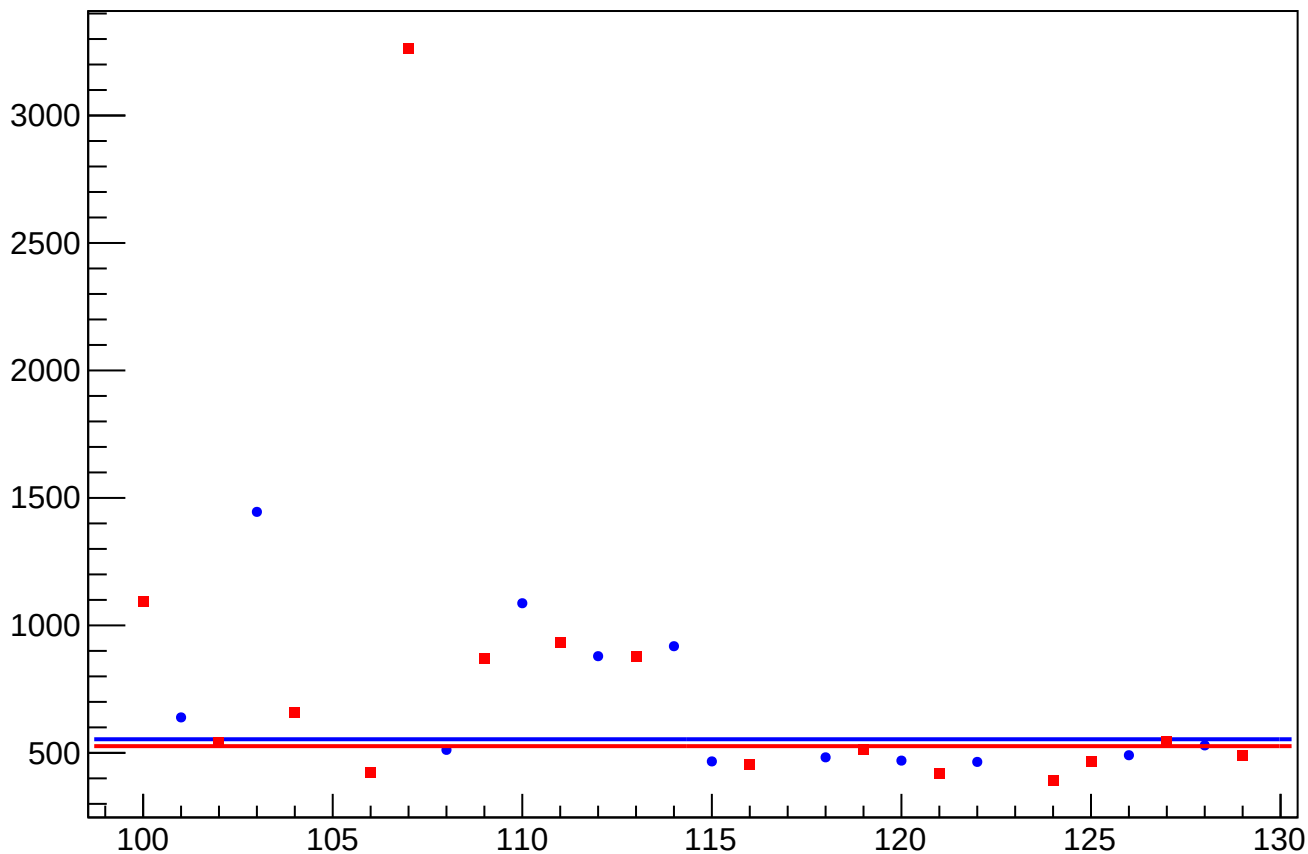
Right: -120.068 ± 181.005 χ^2/NDF : 29.6/26

In: -26.991 ± 268.299 χ^2/NDF : 12.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -120.068 ± 181.005 χ^2/NDF : 29.6/26

asym_at1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 553.445+/-0.190 χ^2/NDF : 761080.9/11

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

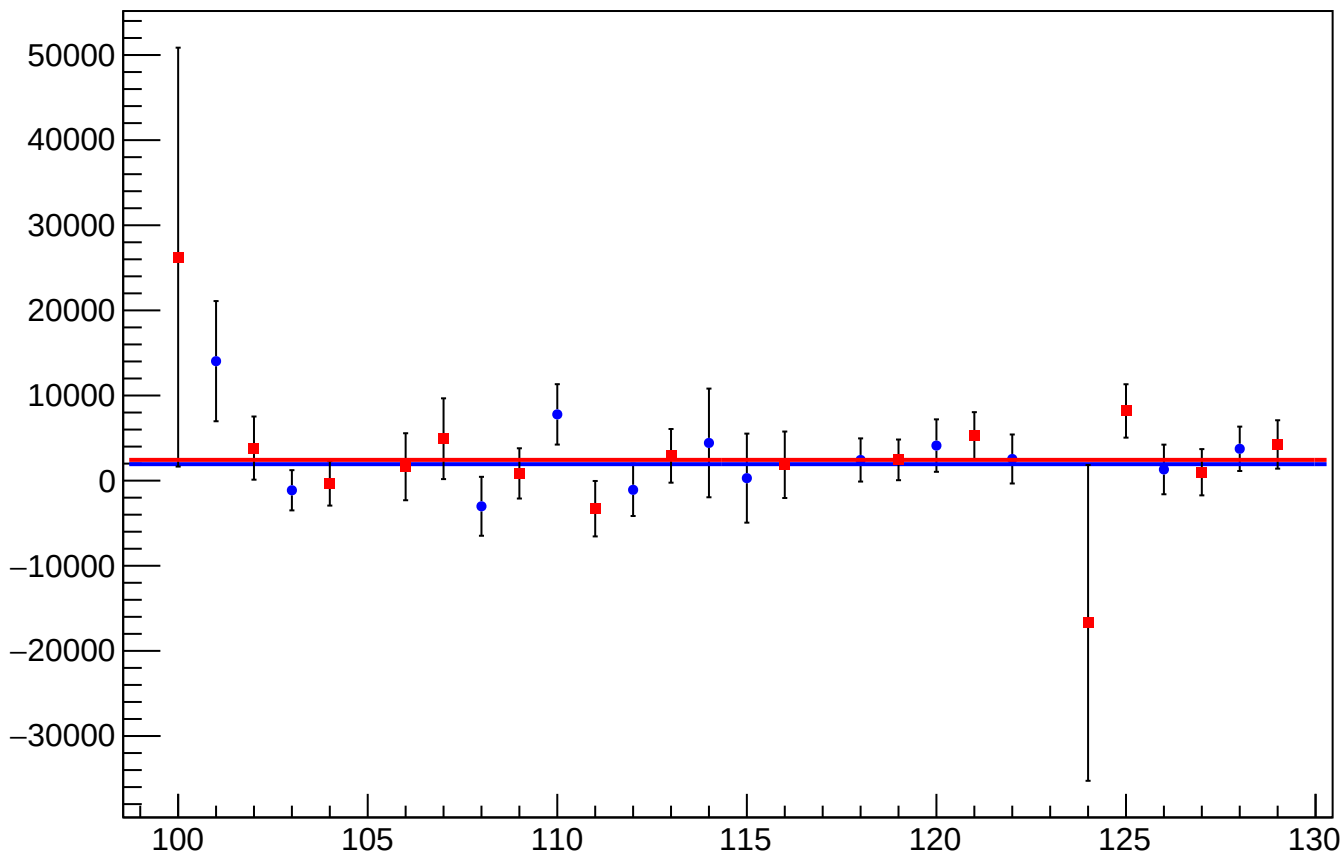
Right: 538.704+/-0.128 χ^2/NDF : 1783637.3/26

In: 553.445+/-0.190 χ^2/NDF : 761080.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 538.704+/-0.128 χ^2/NDF : 1783637.3/26

cor_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1934.430+/-922.339 χ^2/NDF : 11.7/11

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

Right Out: 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

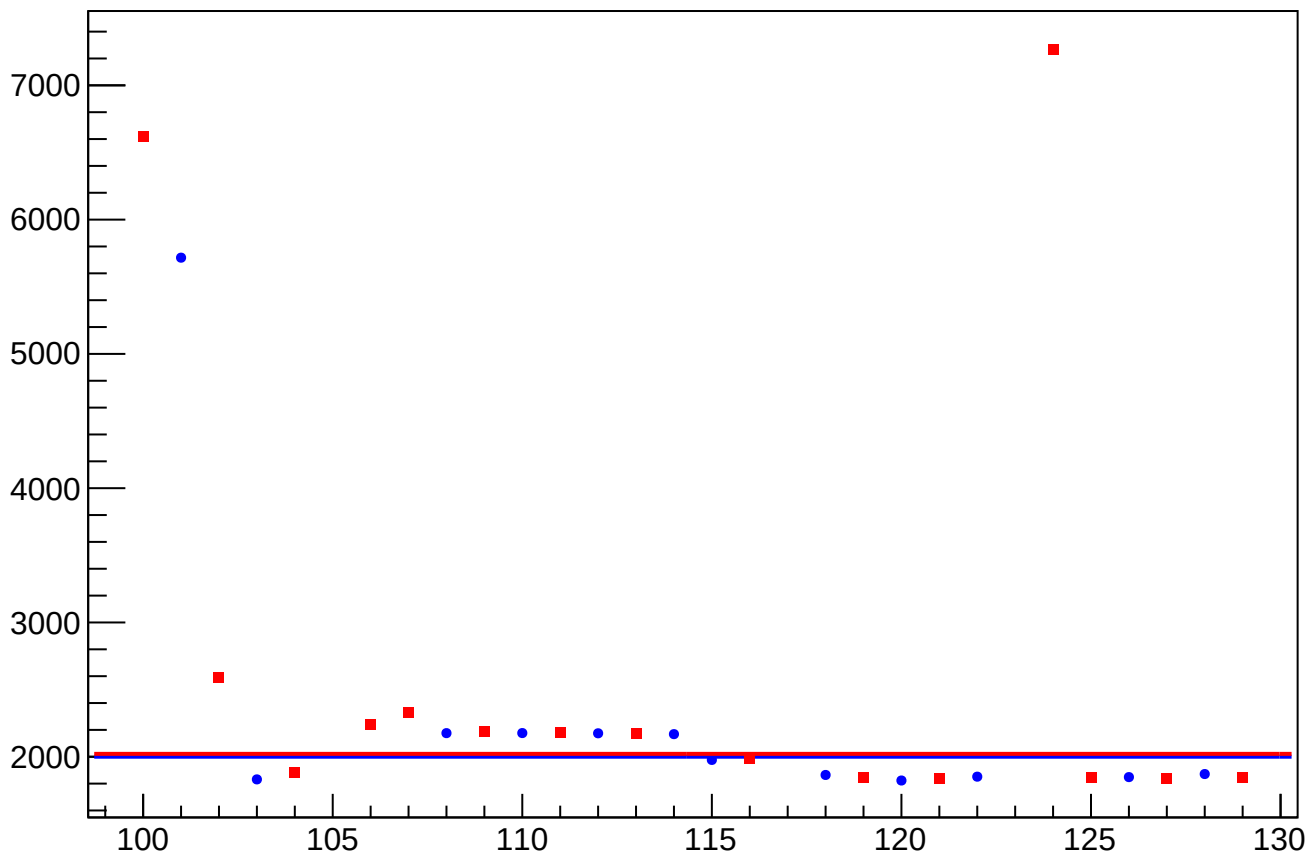
Right: 2206.246+/-626.479 χ^2/NDF : 24.0/26

In: 1934.430+/-922.339 χ^2/NDF : 11.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2206.246+/-626.479 χ^2/NDF : 24.0/26

cor_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2000.357+/-0.652 χ^2/NDF : 610407.1/11

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

Right Out: 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

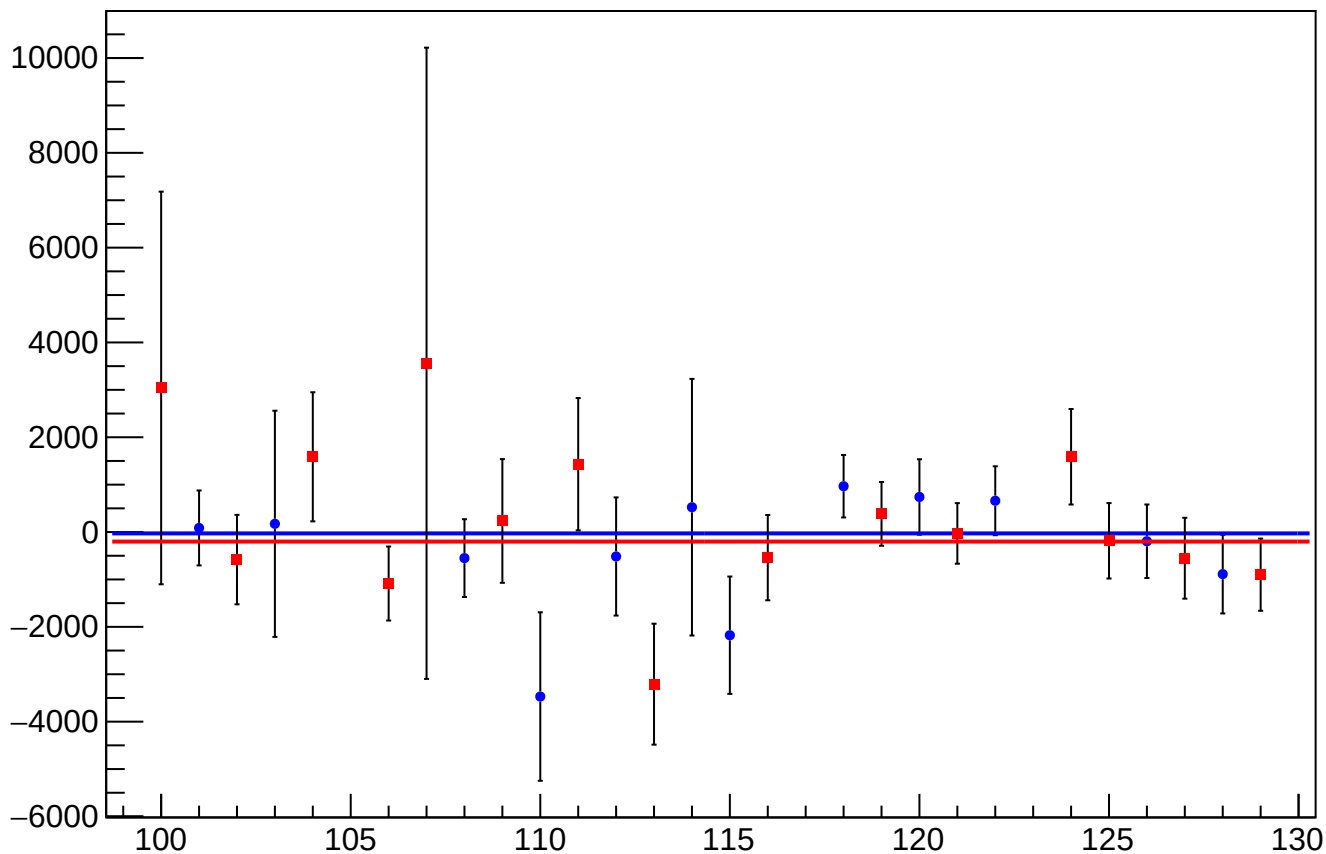
Right: 2011.736+/-0.443 χ^2/NDF : 966668.9/26

In: 2000.357+/-0.652 χ^2/NDF : 610407.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2011.736+/-0.443 χ^2/NDF : 966668.9/26

asym_at1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -28.172 ± 268.223 χ^2/NDF : 12.6/11

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

Right Out: -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

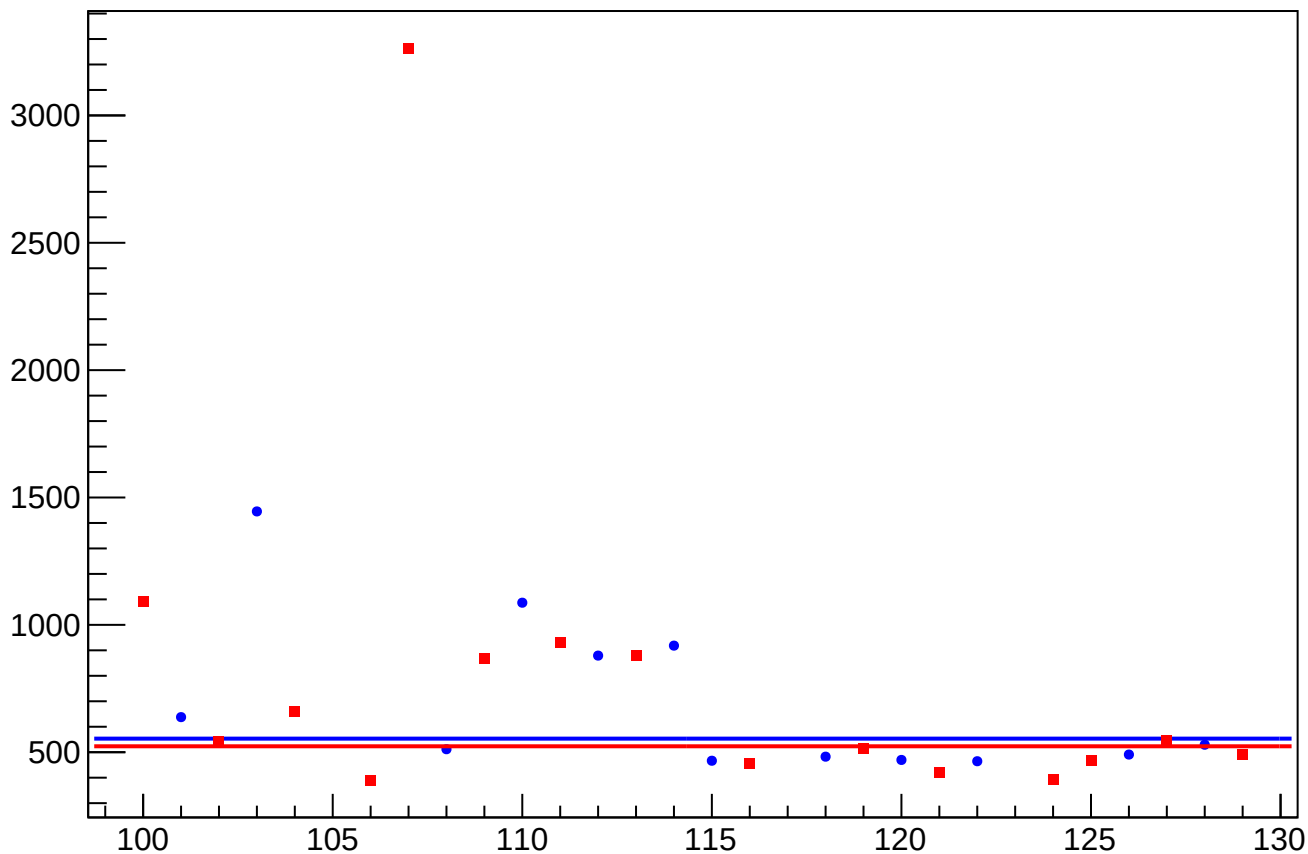
Right: -122.331 ± 180.907 χ^2/NDF : 29.1/26

In: -28.172 ± 268.223 χ^2/NDF : 12.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -122.331 ± 180.907 χ^2/NDF : 29.1/26

asym_at1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 553.337+/-0.190 χ^2/NDF : 760415.0/11

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

Right Out: 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

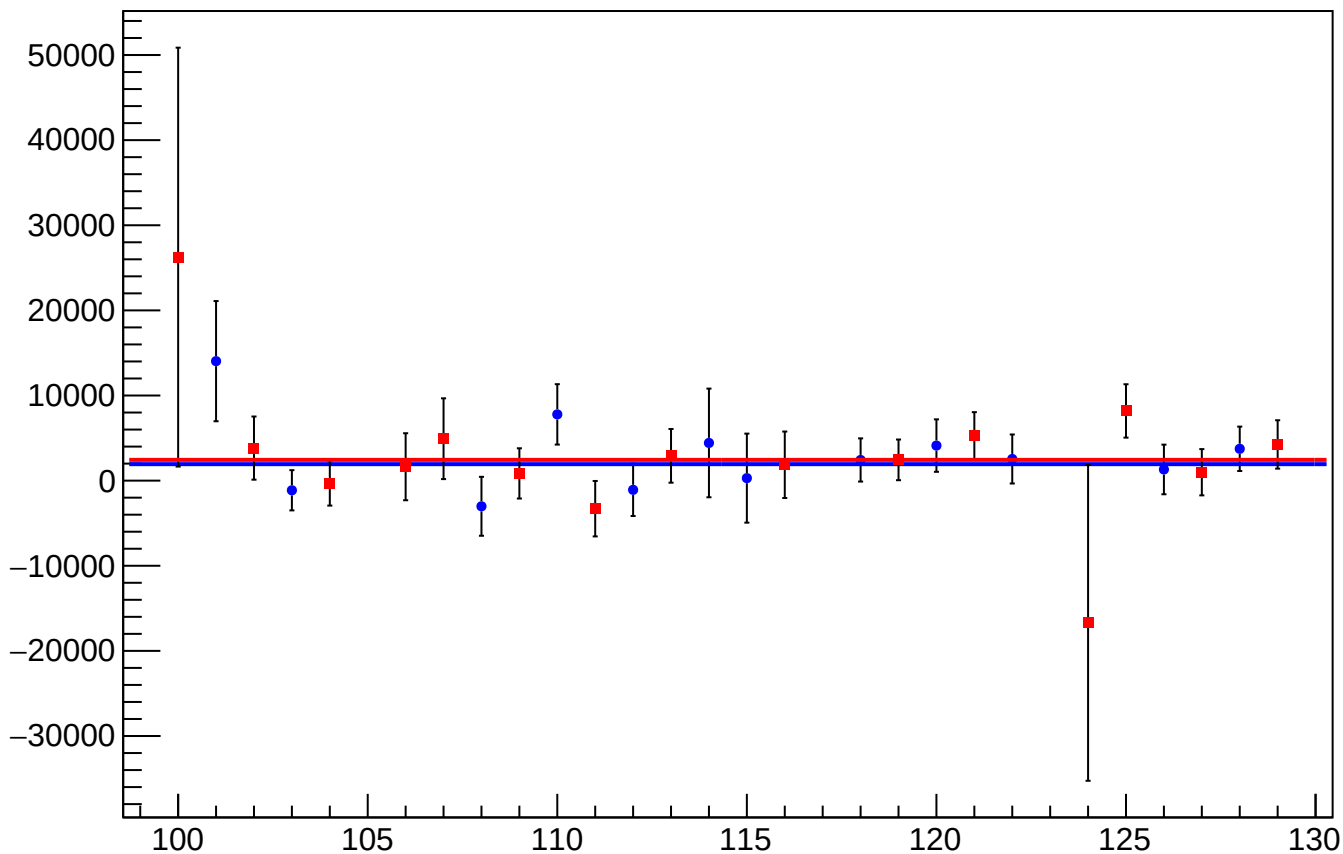
Right: 536.940+/-0.128 χ^2/NDF : 1812966.1/26

In: 553.337+/-0.190 χ^2/NDF : 760415.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 536.940+/-0.128 χ^2/NDF : 1812966.1/26

eigen_cor_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1934.430+/-922.339 χ^2/NDF : 11.7/11

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

Right Out: 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

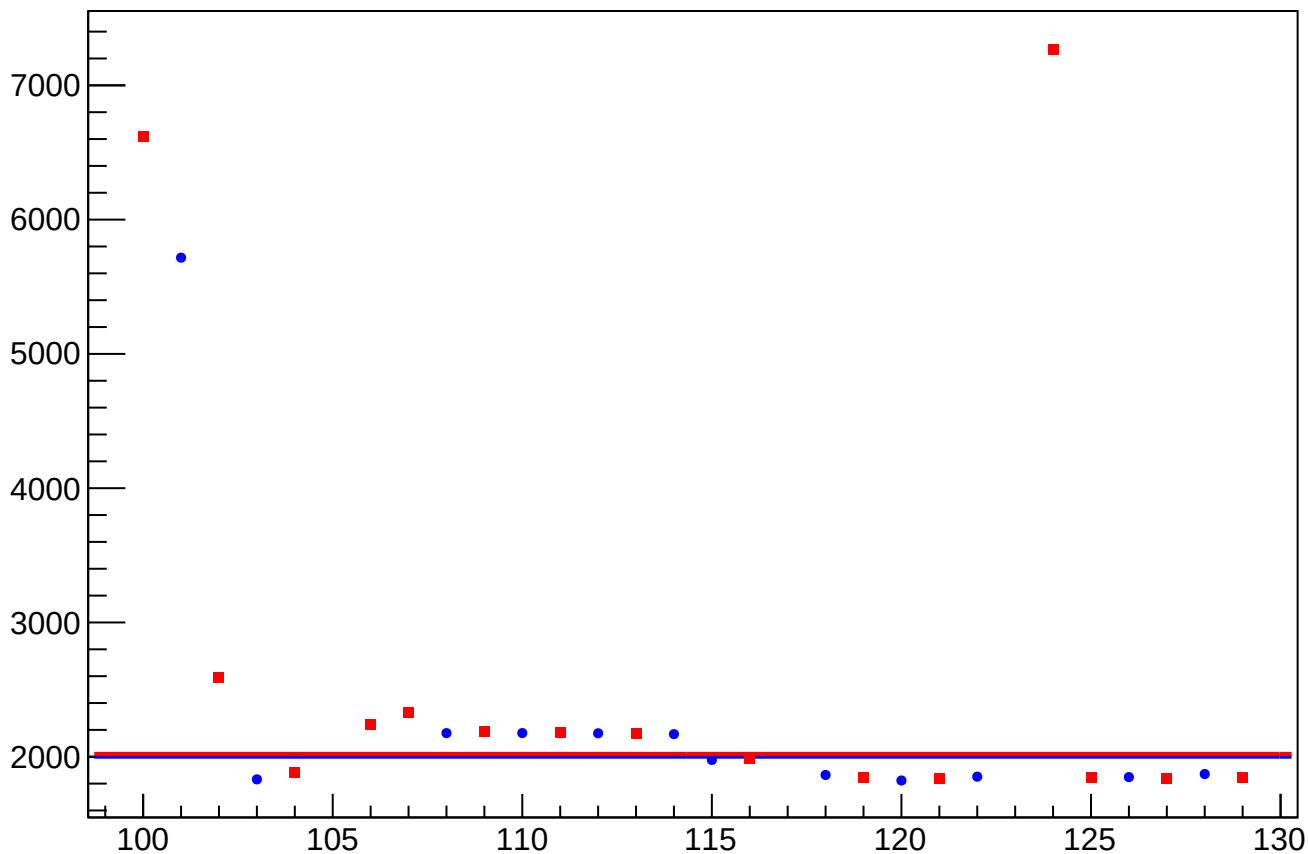
Right: 2206.246+/-626.479 χ^2/NDF : 24.0/26

In: 1934.430+/-922.339 χ^2/NDF : 11.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2206.246+/-626.479 χ^2/NDF : 24.0/26

eigen_cor_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2000.357+/-0.652 χ^2/NDF : 610407.1/11

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

Right Out: 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

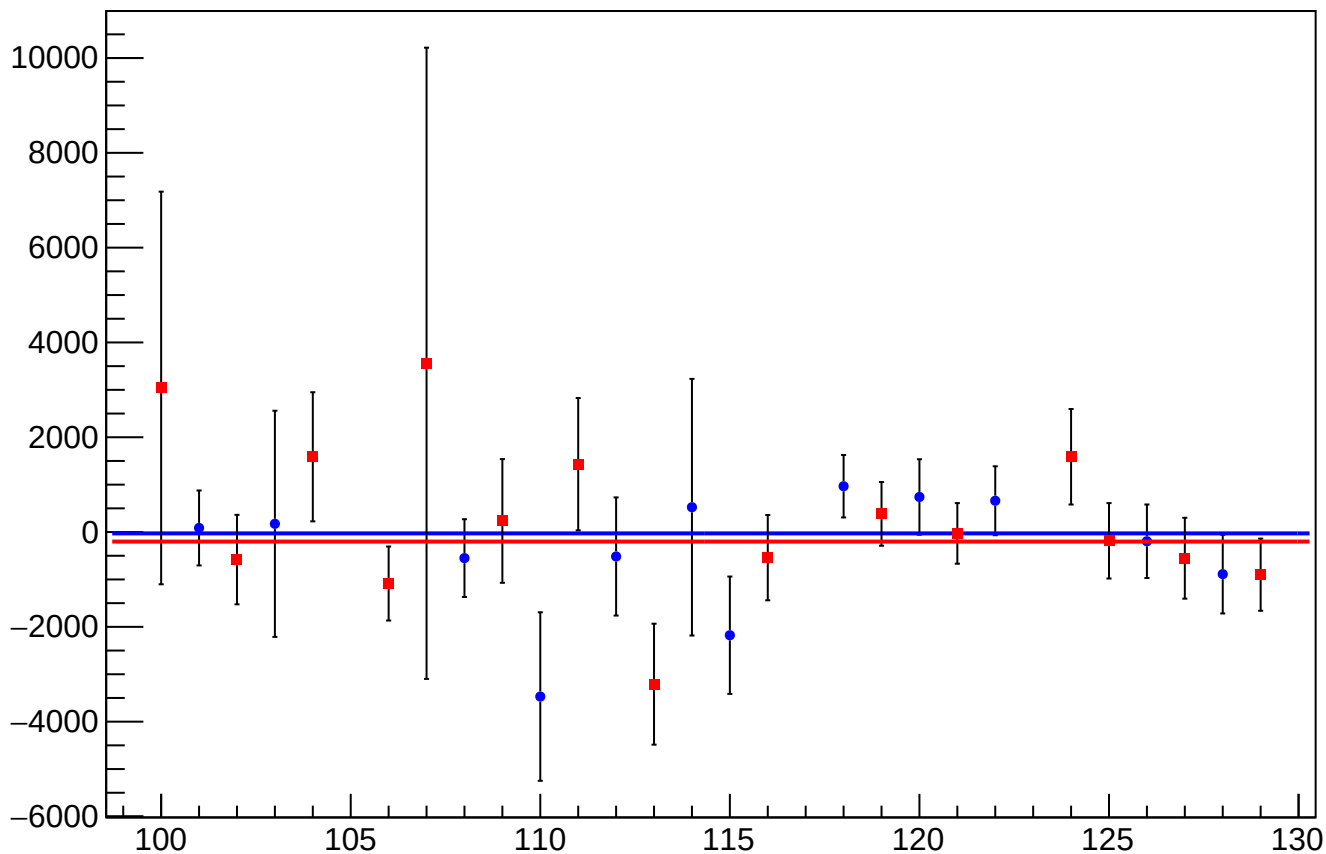
Right: 2011.736+/-0.443 χ^2/NDF : 966668.9/26

In: 2000.357+/-0.652 χ^2/NDF : 610407.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2011.736+/-0.443 χ^2/NDF : 966668.9/26

asym_at1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -28.172 ± 268.223 $\chi^2/\text{NDF}: 12.6/11$

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

Right Out: -200.910 ± 245.030 $\chi^2/\text{NDF}: 16.3/14$

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

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

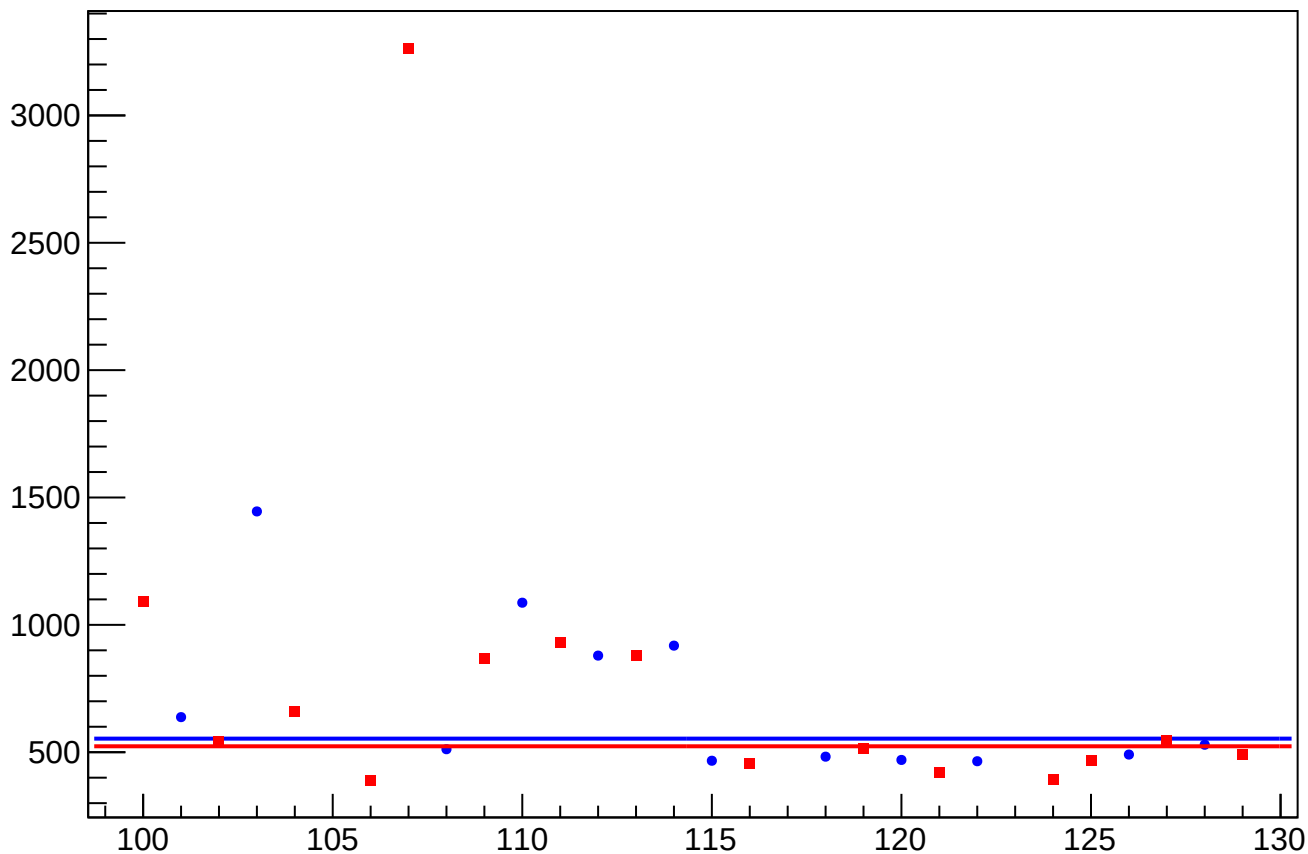
Right: -122.331 ± 180.907 $\chi^2/\text{NDF}: 29.1/26$

In: -28.172 ± 268.223 $\chi^2/\text{NDF}: 12.6/11$

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

All: -122.331 ± 180.907 $\chi^2/\text{NDF}: 29.1/26$

asym_at1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 553.337+/-0.190 χ^2/NDF : 760415.0/11

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

Right Out: 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

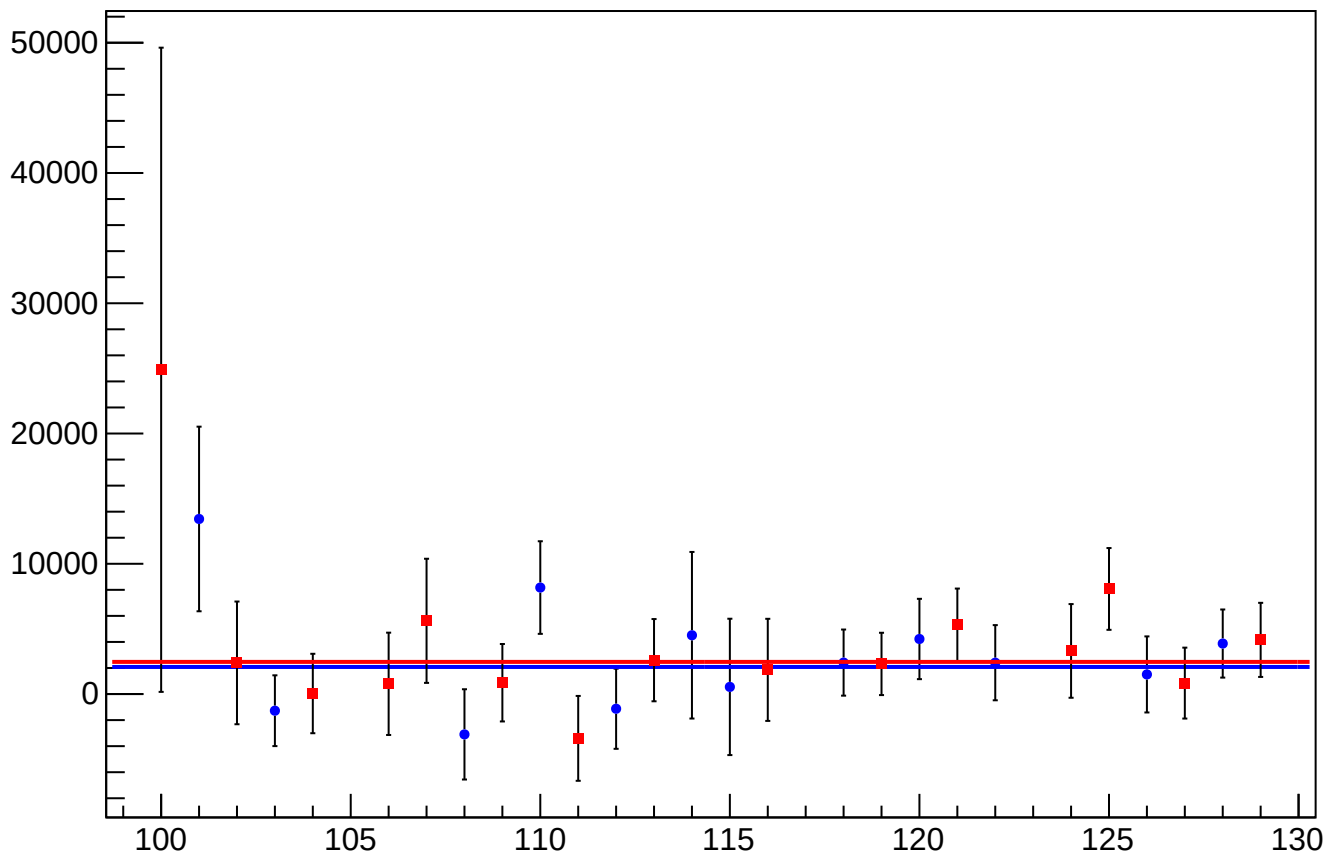
Right: 536.940+/-0.128 χ^2/NDF : 1812966.1/26

In: 553.337+/-0.190 χ^2/NDF : 760415.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 536.940+/-0.128 χ^2/NDF : 1812966.1/26

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2079.142+/-941.290 χ^2/NDF : 11.6/11

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

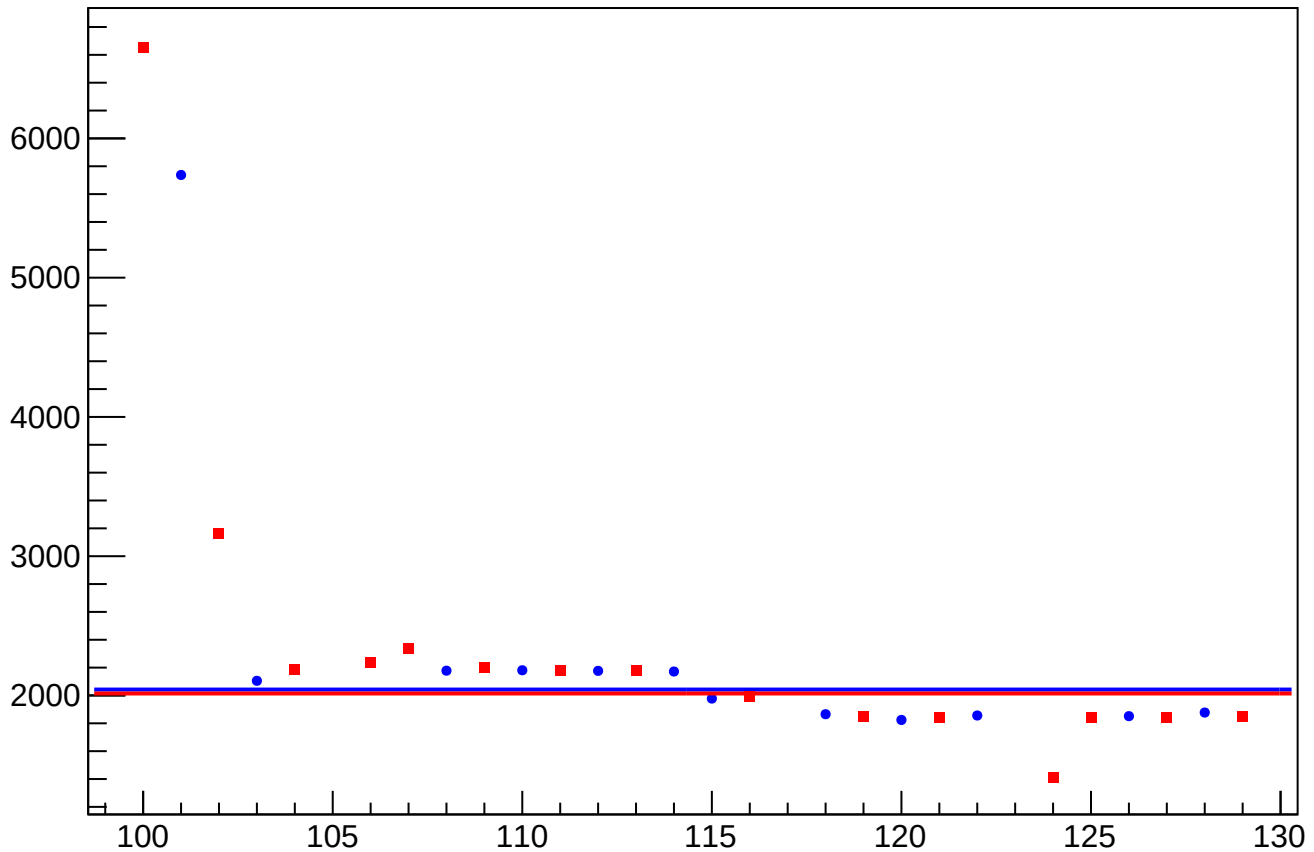
Right: 2293.027+/-631.815 χ^2/NDF : 22.3/26

In: 2079.142+/-941.290 χ^2/NDF : 11.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2293.027+/-631.815 χ^2/NDF : 22.3/26

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2042.408+/-0.666 χ^2/NDF : 600548.9/11

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

Right Out: 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

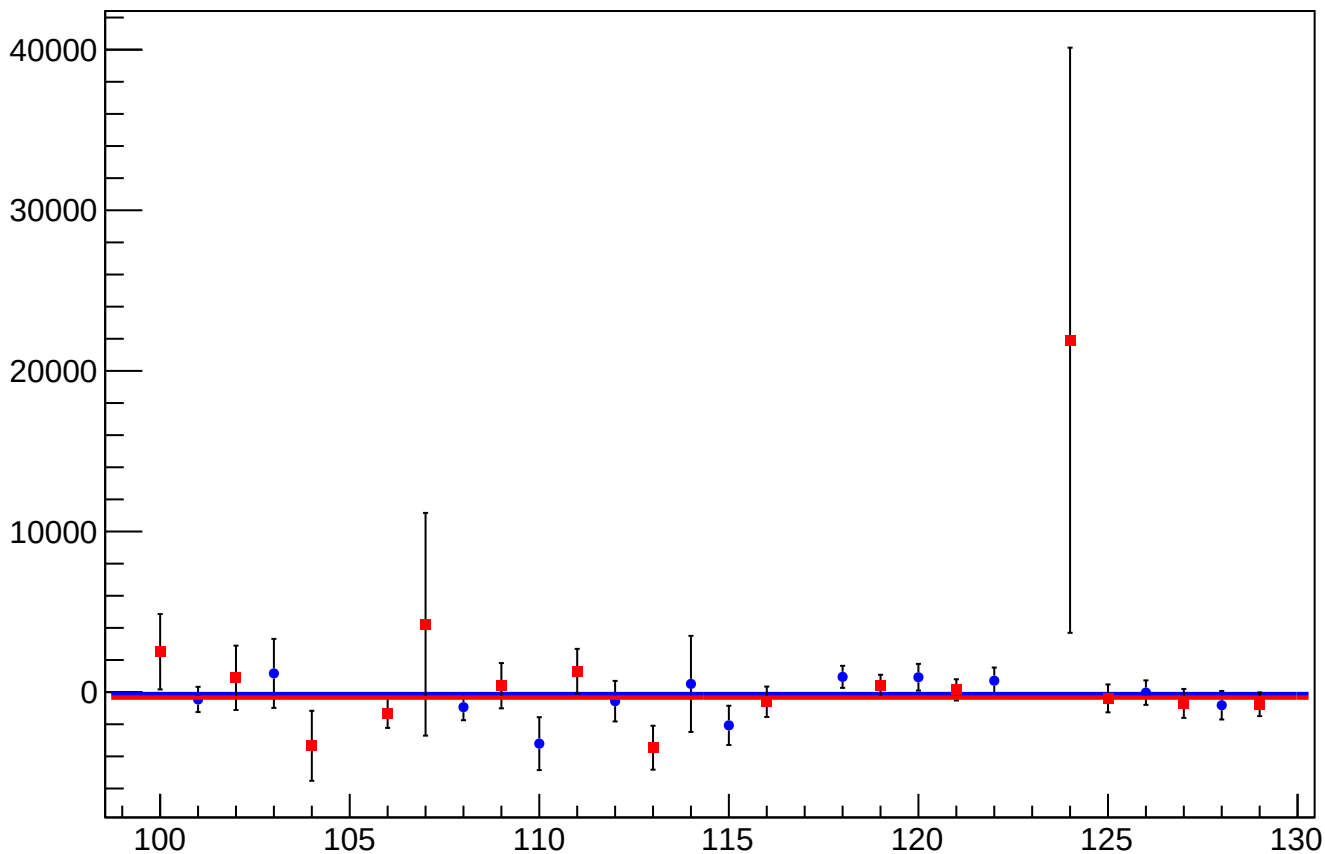
Right: 2026.883+/-0.447 χ^2/NDF : 925458.0/26

In: 2042.408+/-0.666 χ^2/NDF : 600548.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2026.883+/-0.447 χ^2/NDF : 925458.0/26

asym_at1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -107.672+/-275.662 χ^2/NDF : 13.4/11

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

Right Out: -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

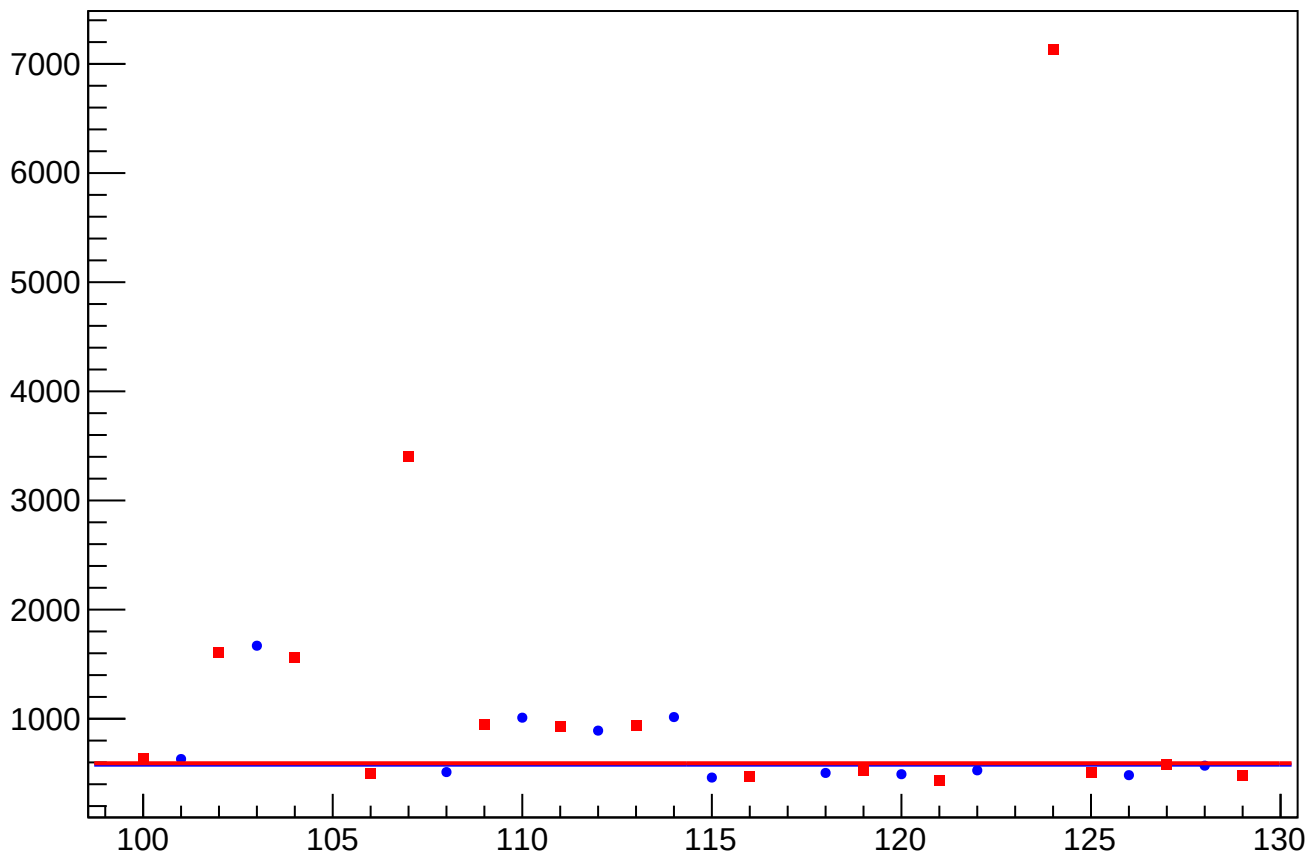
Right: -230.107+/-194.513 χ^2/NDF : 29.7/26

In: -107.672+/-275.662 χ^2/NDF : 13.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -230.107+/-194.513 χ^2/NDF : 29.7/26

asym_at1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 579.341+/-0.195 χ^2/NDF : 943820.6/11

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

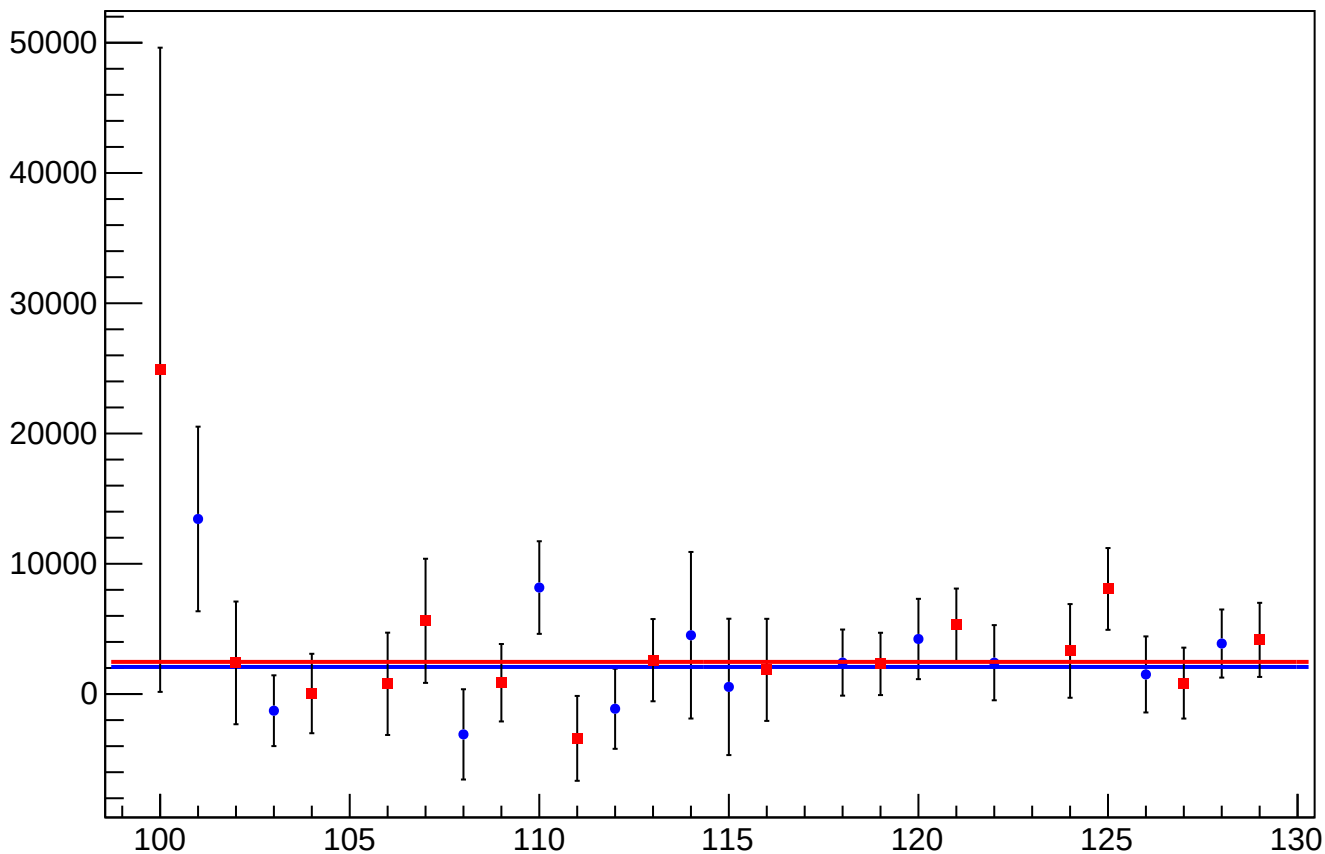
Right: 585.881+/-0.138 χ^2/NDF : 3071362.6/26

In: 579.341+/-0.195 χ^2/NDF : 943820.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 585.881+/-0.138 χ^2/NDF : 3071362.6/26

eigen_dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2079.140+/-941.290 χ^2/NDF : 11.6/11

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

Right Out: 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

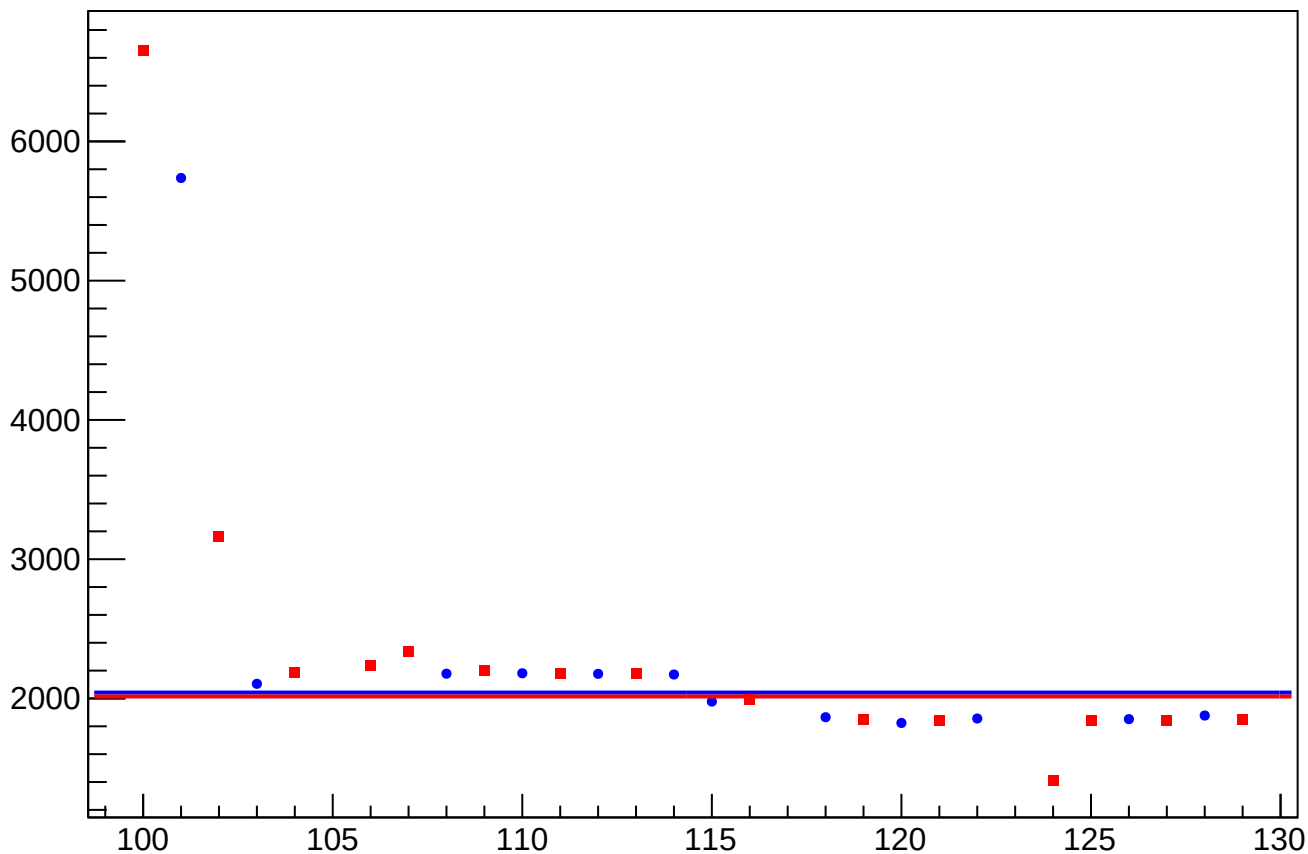
Right: 2293.025+/-631.815 χ^2/NDF : 22.3/26

In: 2079.140+/-941.290 χ^2/NDF : 11.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2293.025+/-631.815 χ^2/NDF : 22.3/26

eigen_dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2042.408+/-0.666 χ^2/NDF : 600548.8/11

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

Right Out: 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

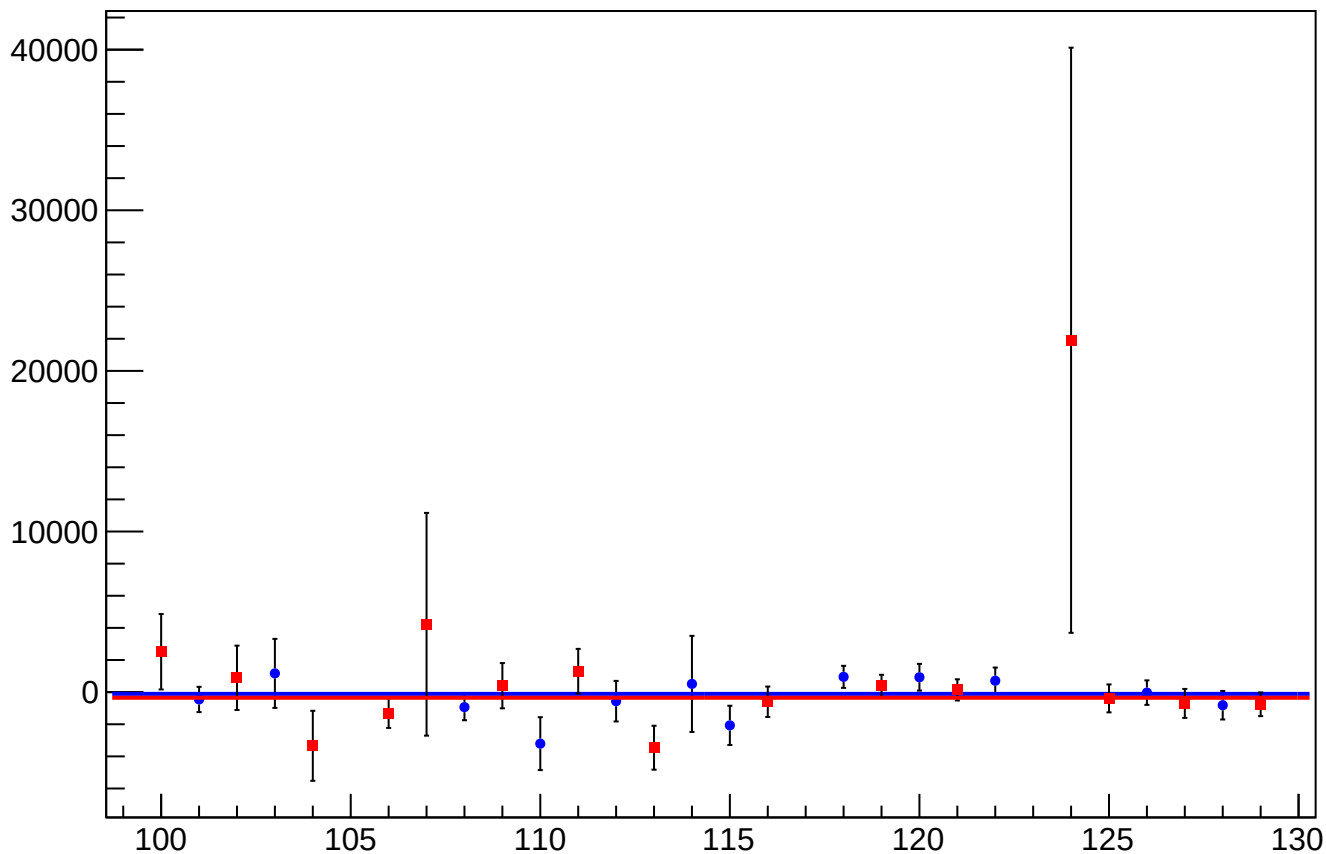
Right: 2026.883+/-0.447 χ^2/NDF : 925456.7/26

In: 2042.408+/-0.666 χ^2/NDF :600548.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2026.883+/-0.447 χ^2/NDF : 925456.7/26

asym_at1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -107.671+/-275.662 χ^2/NDF : 13.4/11

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

Right Out: -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

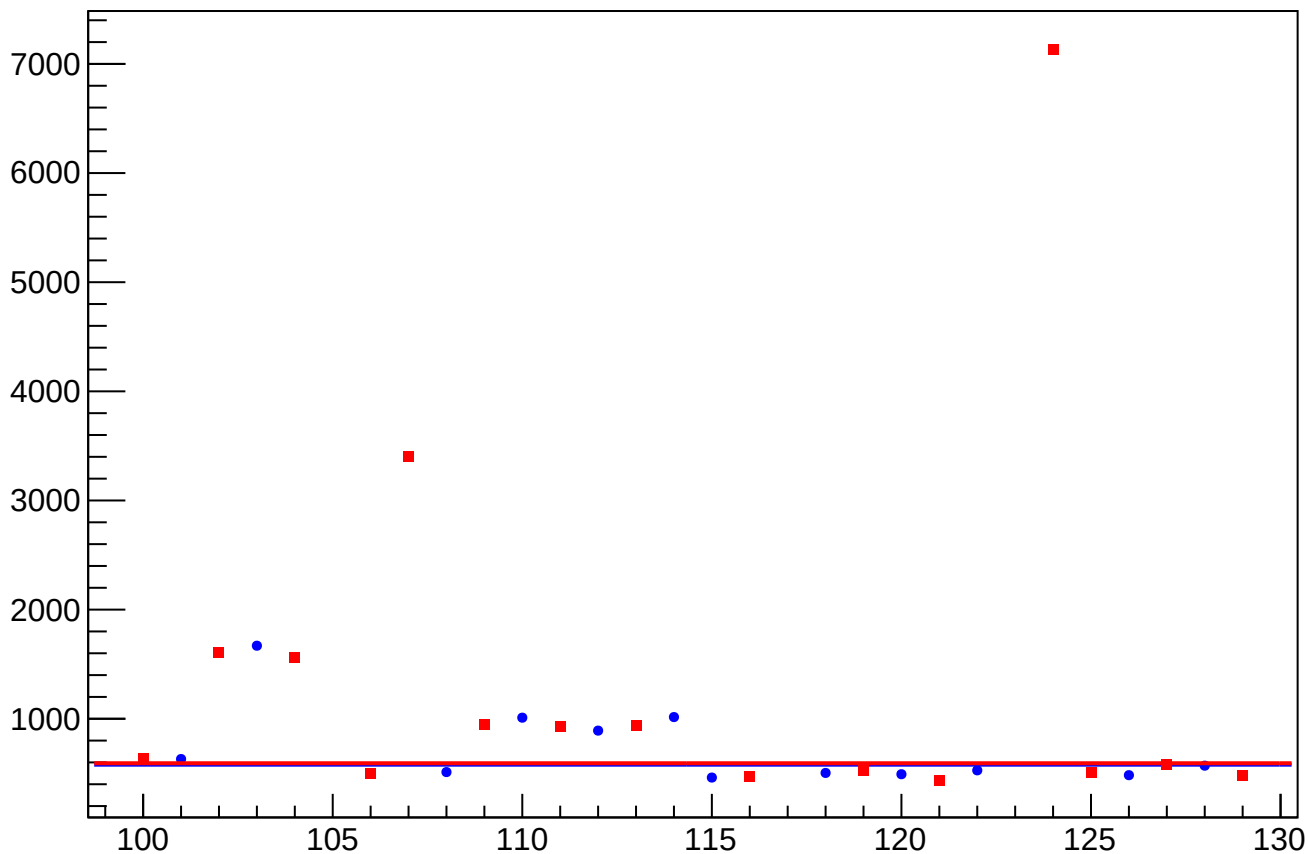
Right: -230.106+/-194.513 χ^2/NDF : 29.7/26

In: -107.671+/-275.662 χ^2/NDF : 13.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -230.106+/-194.513 χ^2/NDF : 29.7/26

asym_at1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 579.339+/-0.195 χ^2/NDF : 943824.3/11

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

Right Out: 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

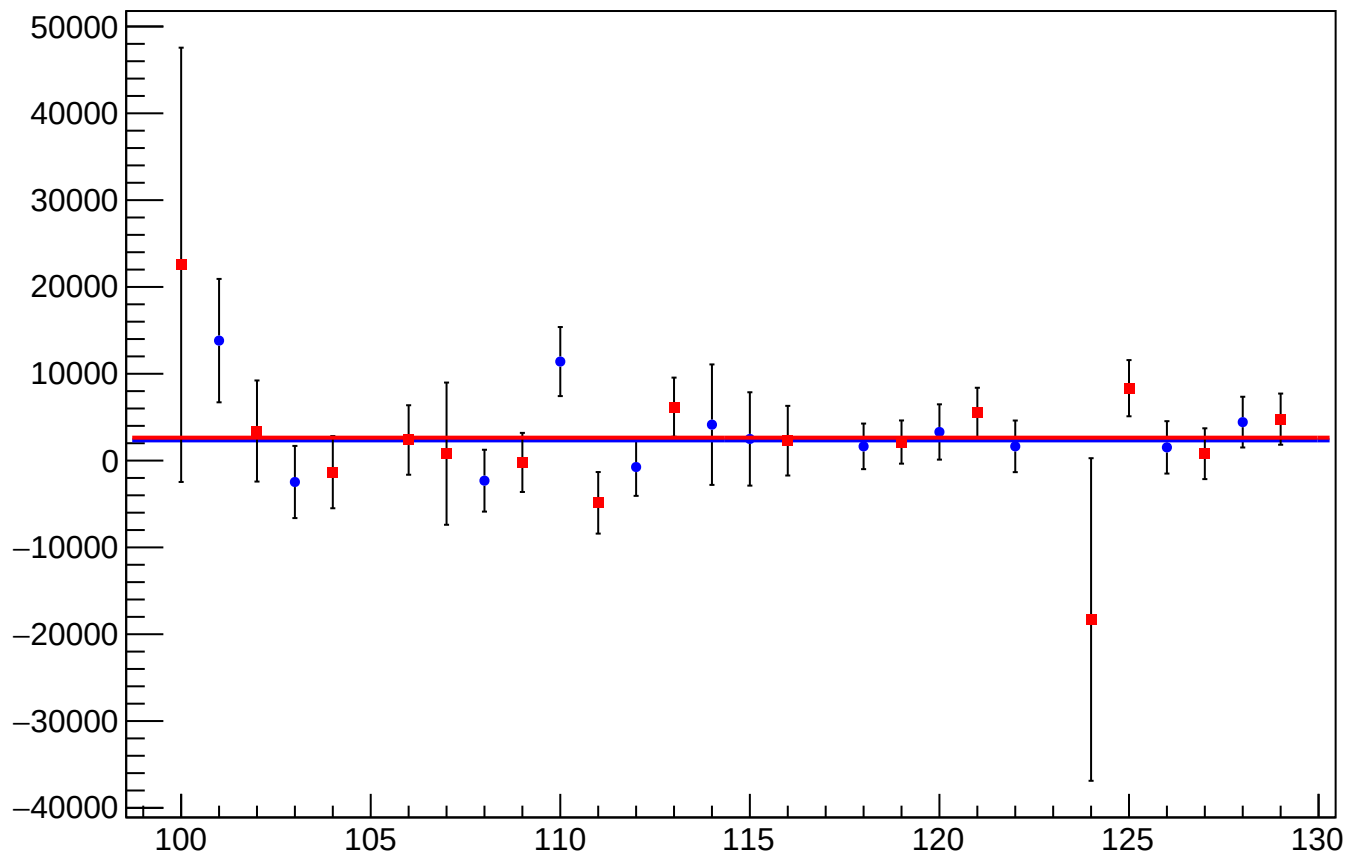
Right: 585.880+/-0.138 χ^2/NDF : 3071371.9/26

In: 579.339+/-0.195 χ^2/NDF : 943824.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 585.880+/-0.138 χ^2/NDF : 3071371.9/26

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2326.711+/-1026.268 χ^2/NDF : 12.6/11

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

Right Out: 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

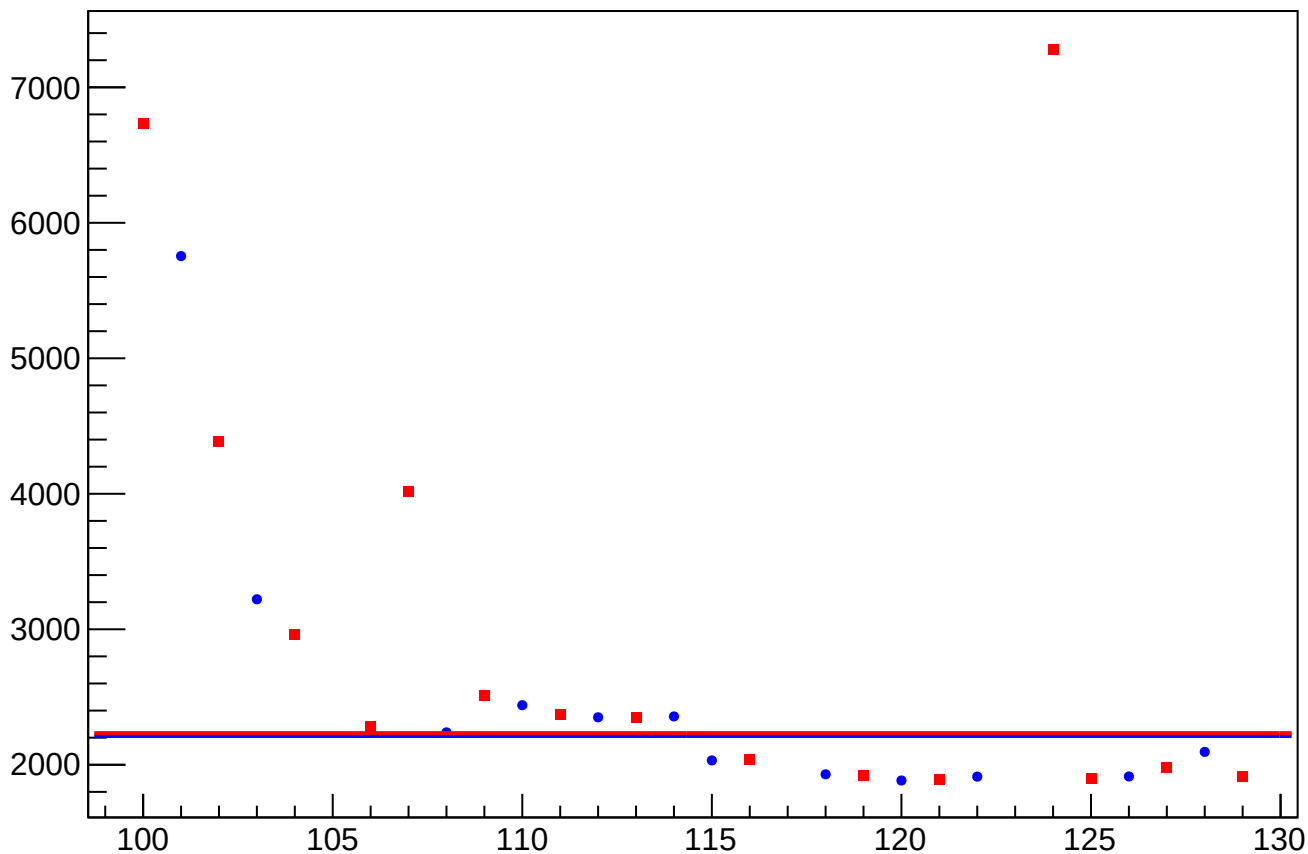
Right: 2494.915+/-699.517 χ^2/NDF : 26.9/26

In: 2326.711+/-1026.268 χ^2/NDF : 12.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2494.915+/-699.517 χ^2/NDF : 26.9/26

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2212.822+/-0.726 χ^2/NDF : 715660.9/11

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

Right Out: 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

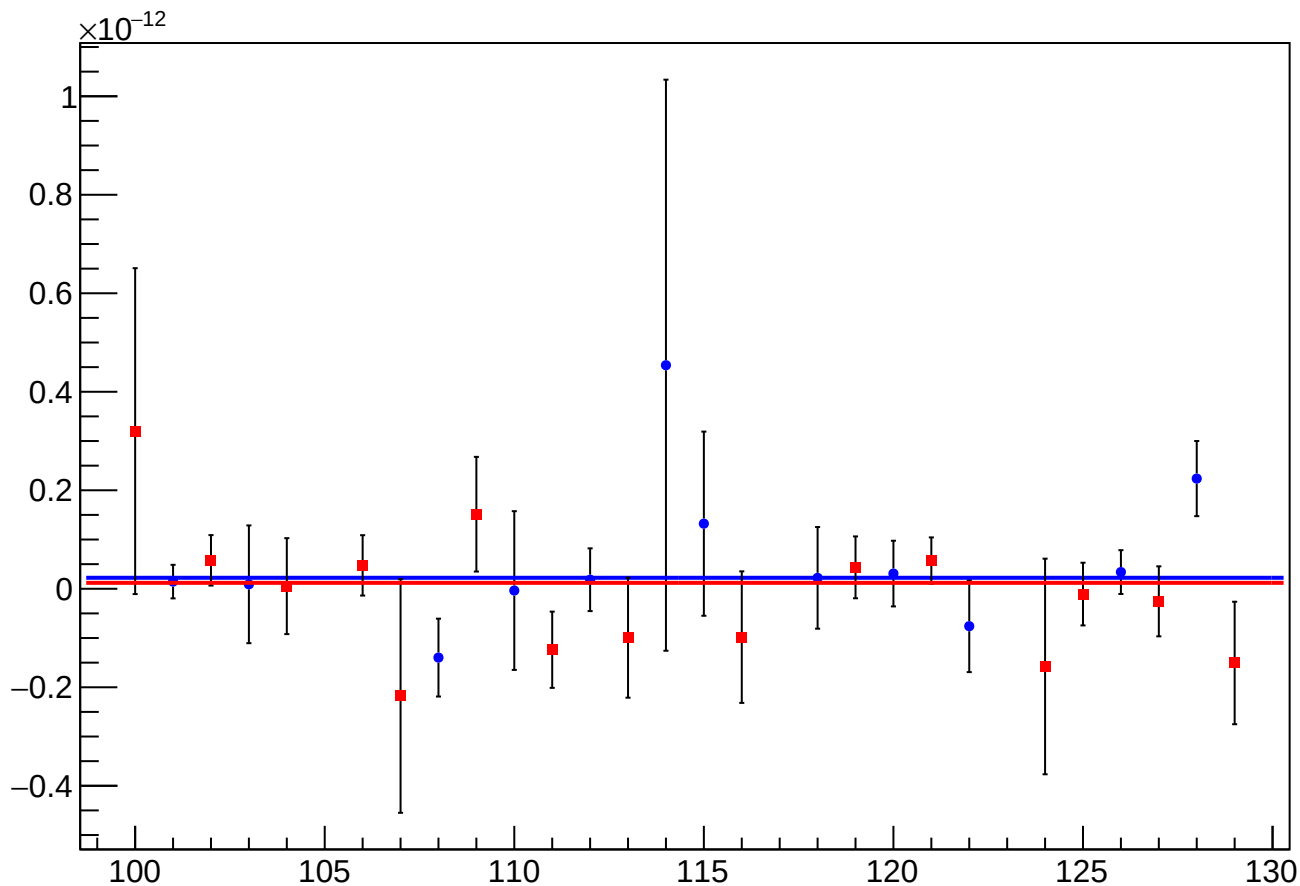
Right: 2223.866+/-0.495 χ^2/NDF : 1501020.4/26

In: 2212.822+/-0.726 χ^2/NDF : 715660.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2223.866+/-0.495 χ^2/NDF : 1501020.4/26

asym_at1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.4/11

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

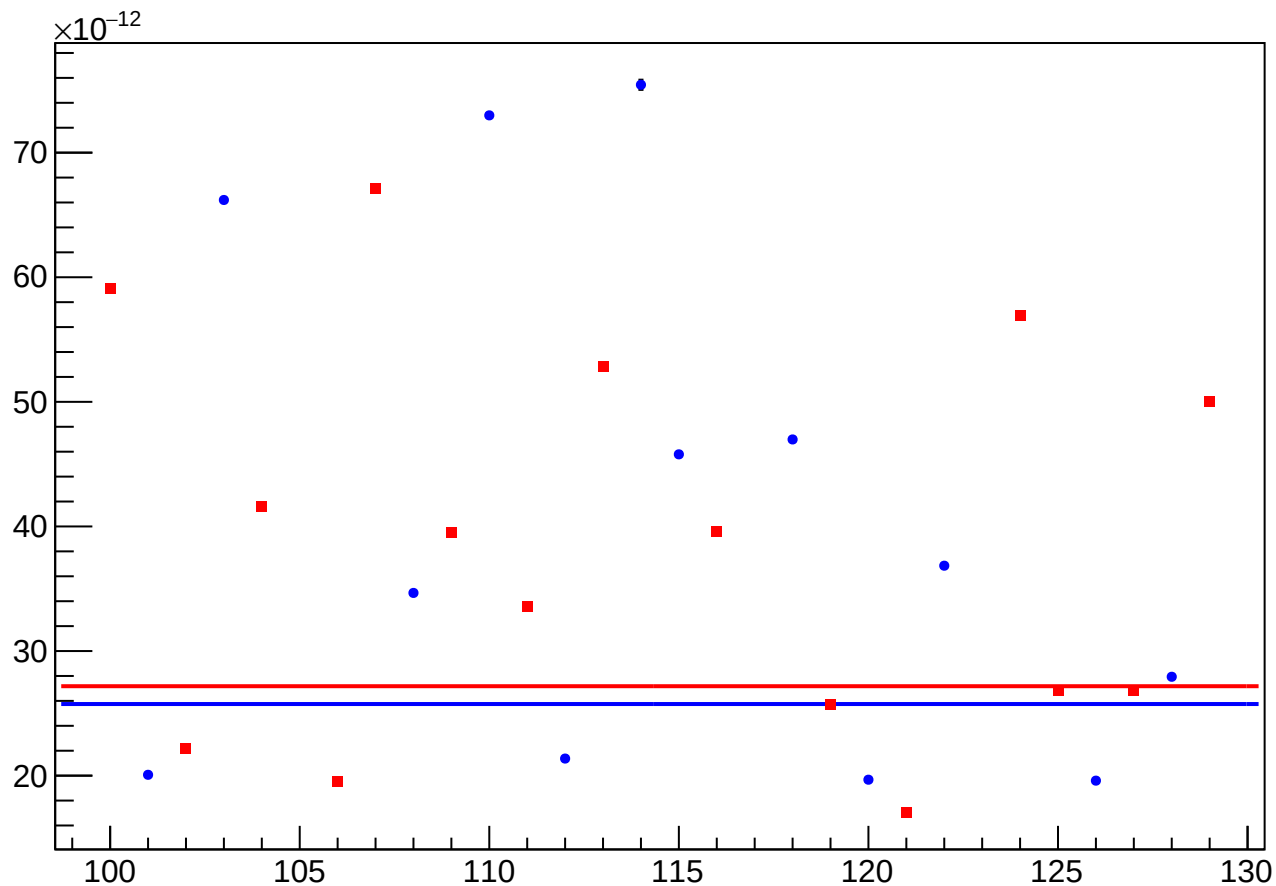
Right: 0.000+/-0.000 χ^2/NDF : 26.4/26

In: 0.000+/-0.000 χ^2/NDF : 13.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.4/26

asym_at1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 698537.3/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 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

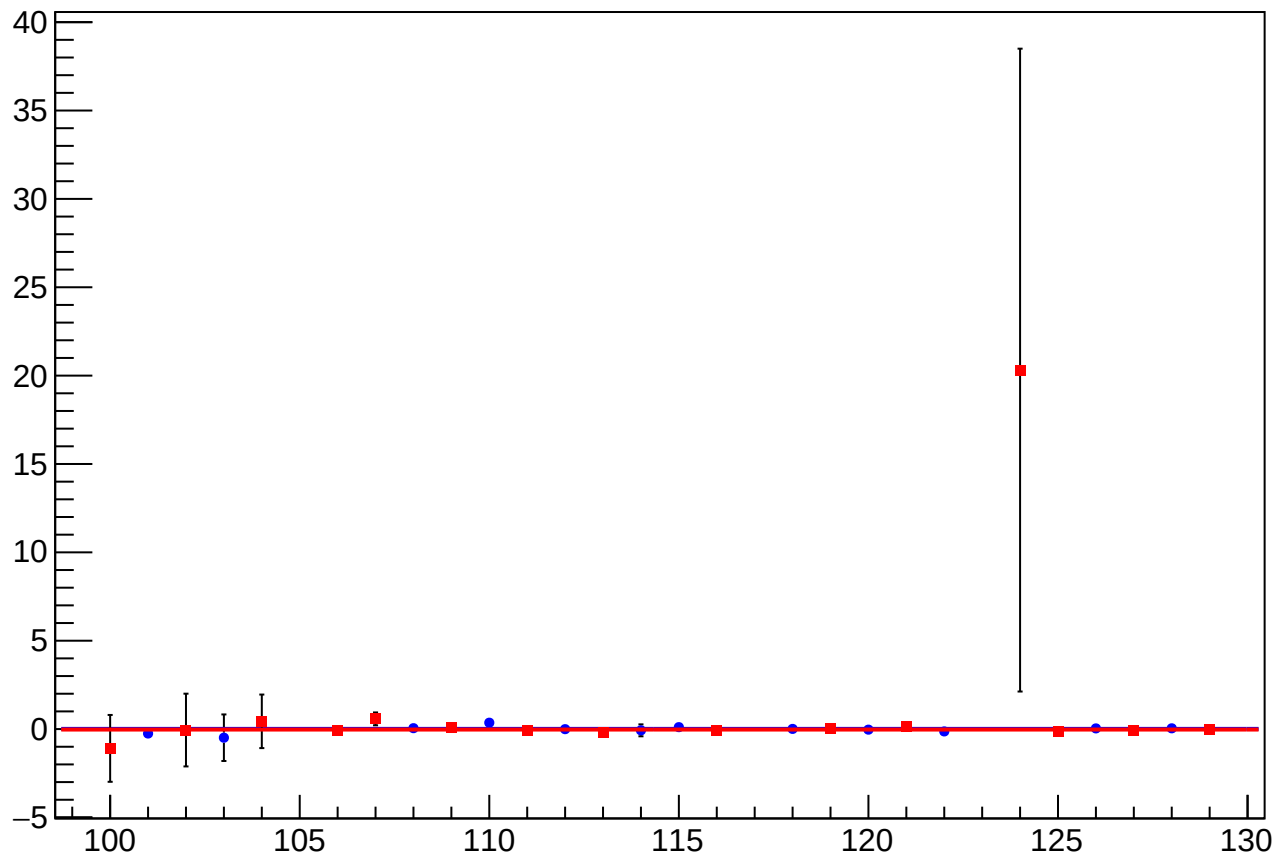
Right: 0.000+/-0.000 χ^2/NDF : 1213990.2/26

In: 0.000+/-0.000 χ^2/NDF : 698537.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1213990.2/26

asym_at1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010+/-0.031 χ^2/NDF : 10.8/11

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

Right Out: -0.027+/-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

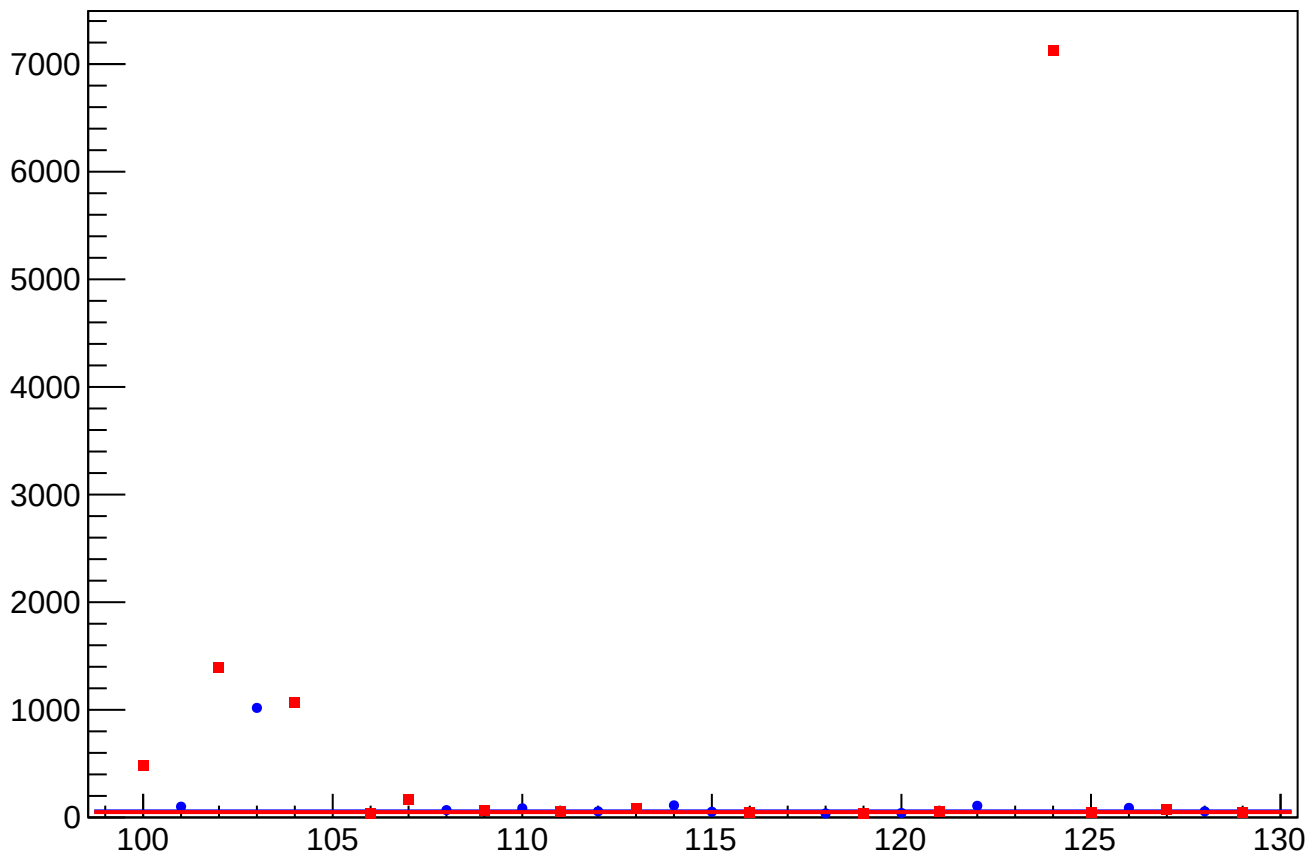
Right: -0.011+/-0.021 χ^2/NDF : 25.8/26

In: 0.010+/-0.031 χ^2/NDF :10.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.011+/-0.021 χ^2/NDF : 25.8/26

asym_at1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.380+/-0.022 χ^2/NDF : 1972392.3/11

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

Right Out: 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

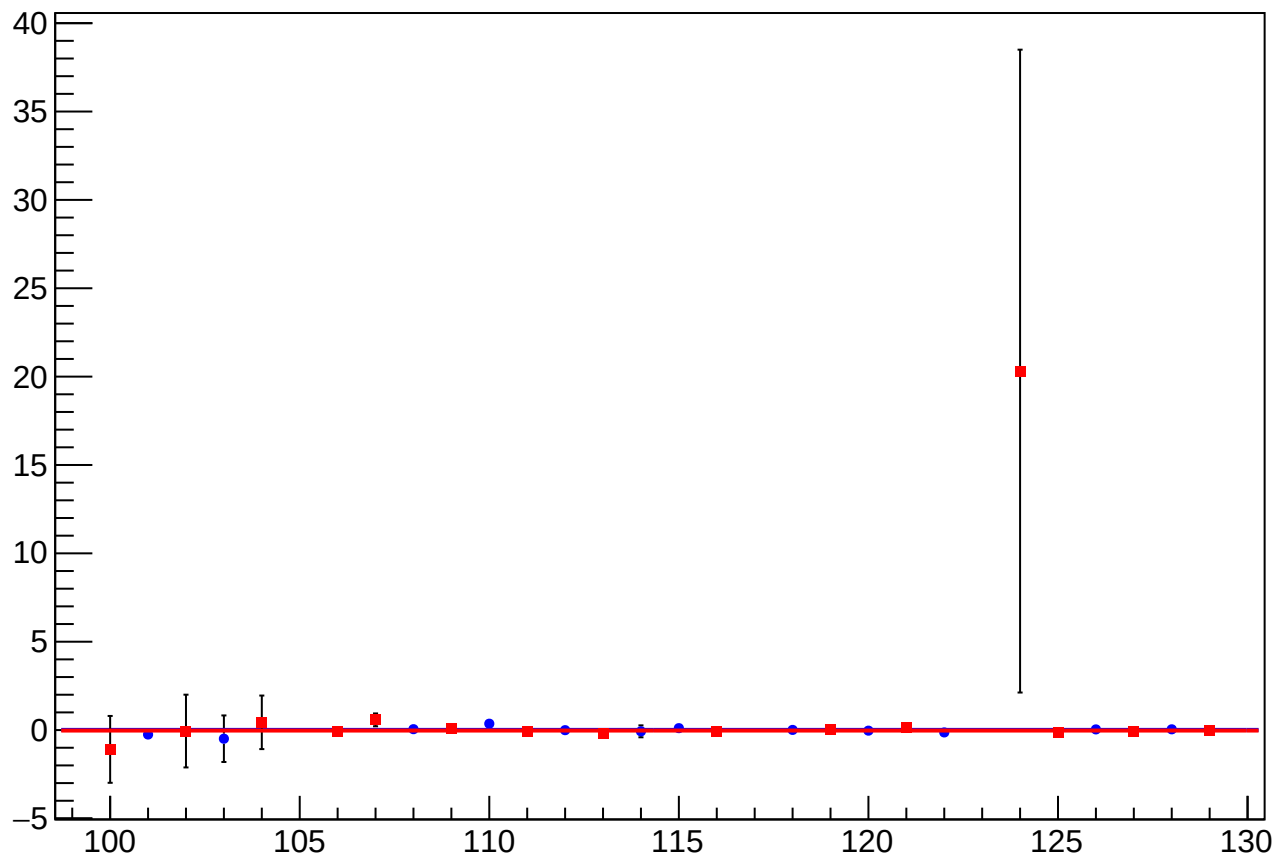
Right: 52.627+/-0.015 χ^2/NDF : 4838214.1/26

In: 56.380+/-0.022 χ^2/NDF : 1972392.3/11

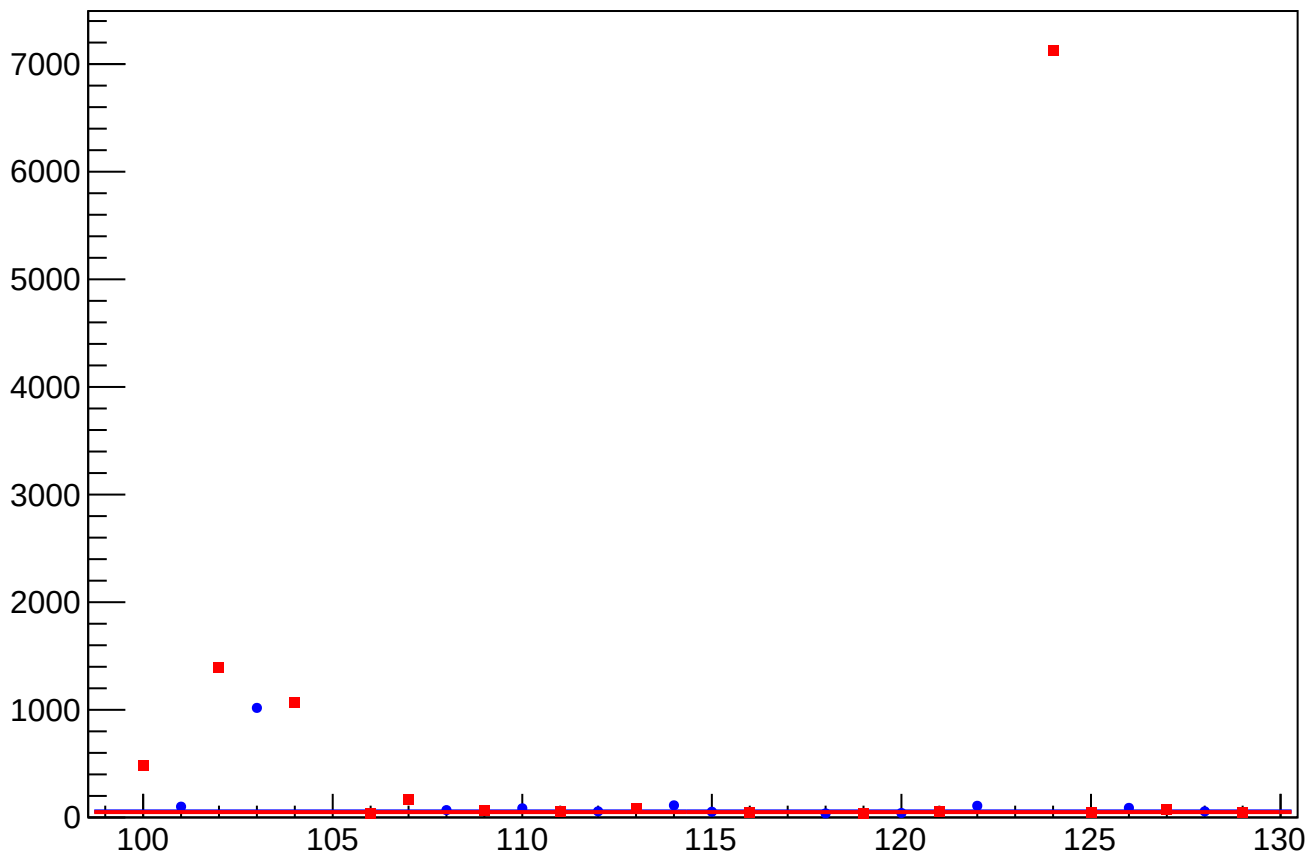
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.627+/-0.015 χ^2/NDF : 4838214.1/26

asym_at1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



asym_at1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.380+/-0.022 χ^2/NDF : 1972392.3/11

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

Right Out: 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

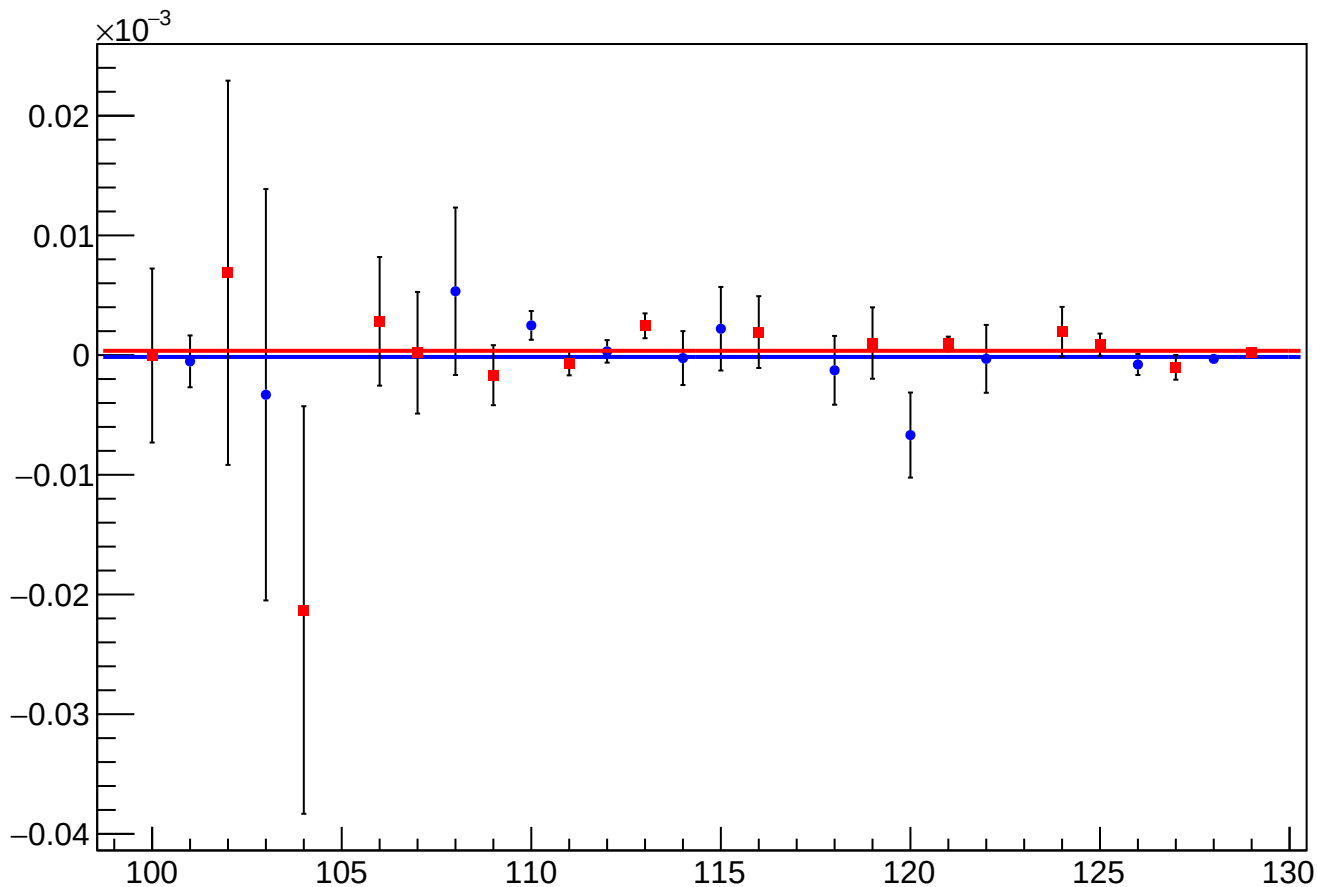
Right: 52.627+/-0.015 χ^2/NDF : 4838214.1/26

In: 56.380+/-0.022 χ^2/NDF : 1972392.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.627+/-0.015 χ^2/NDF : 4838214.1/26

asym_at1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 10.4/11

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

Right Out: 0.000 ± 0.000 χ^2/NDF : 11.9/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

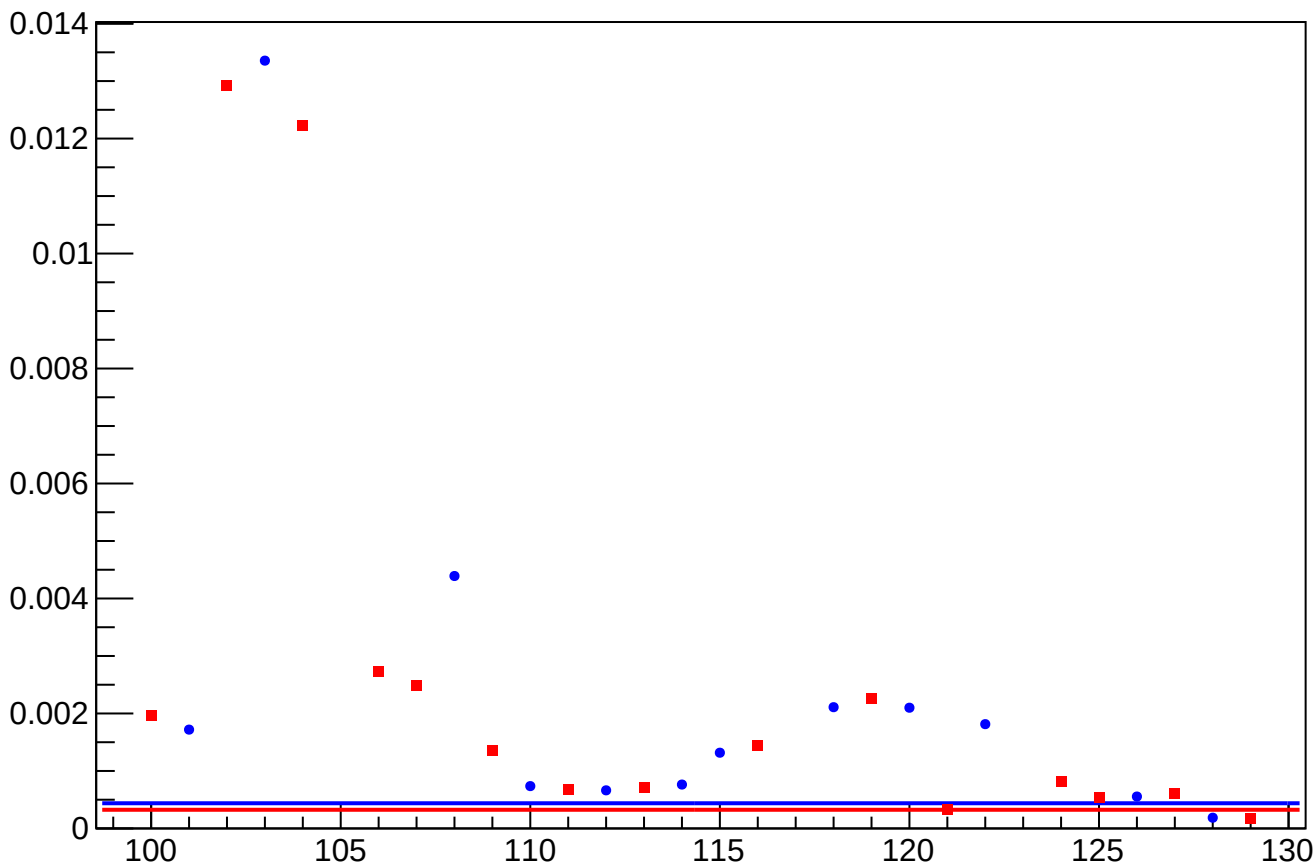
Right: 0.000 ± 0.000 χ^2/NDF : 24.2/26

In: -0.000 ± 0.000 χ^2/NDF : 10.4/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 24.2/26

asym_at1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5324596.0/11

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

Right Out: 0.000+/-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

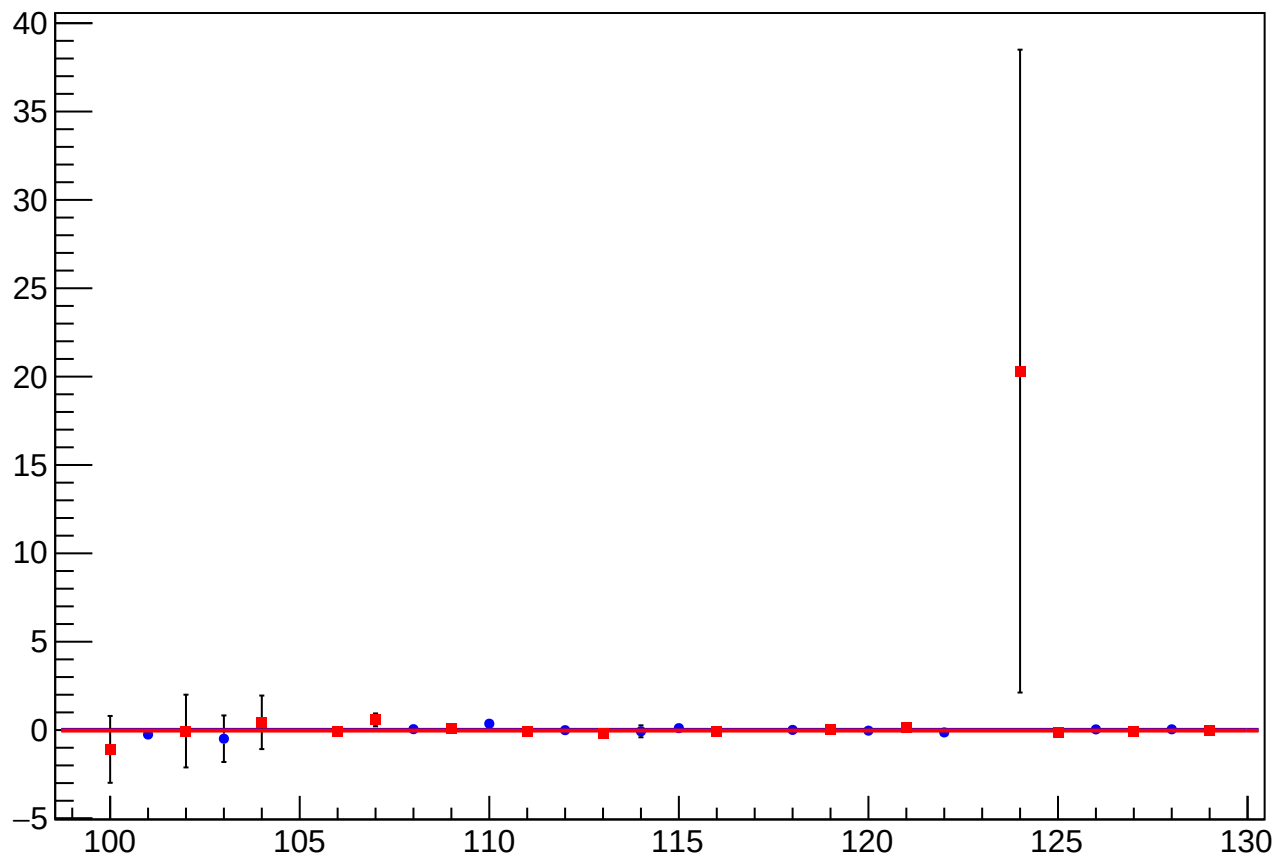
Right: 0.000+/-0.000 χ^2/NDF : 11589067.6/26

In: 0.000+/-0.000 χ^2/NDF : 5324596.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11589067.6/26

asym_at1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010+/-0.031 χ^2/NDF : 10.8/11

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

Right Out: -0.027+/-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

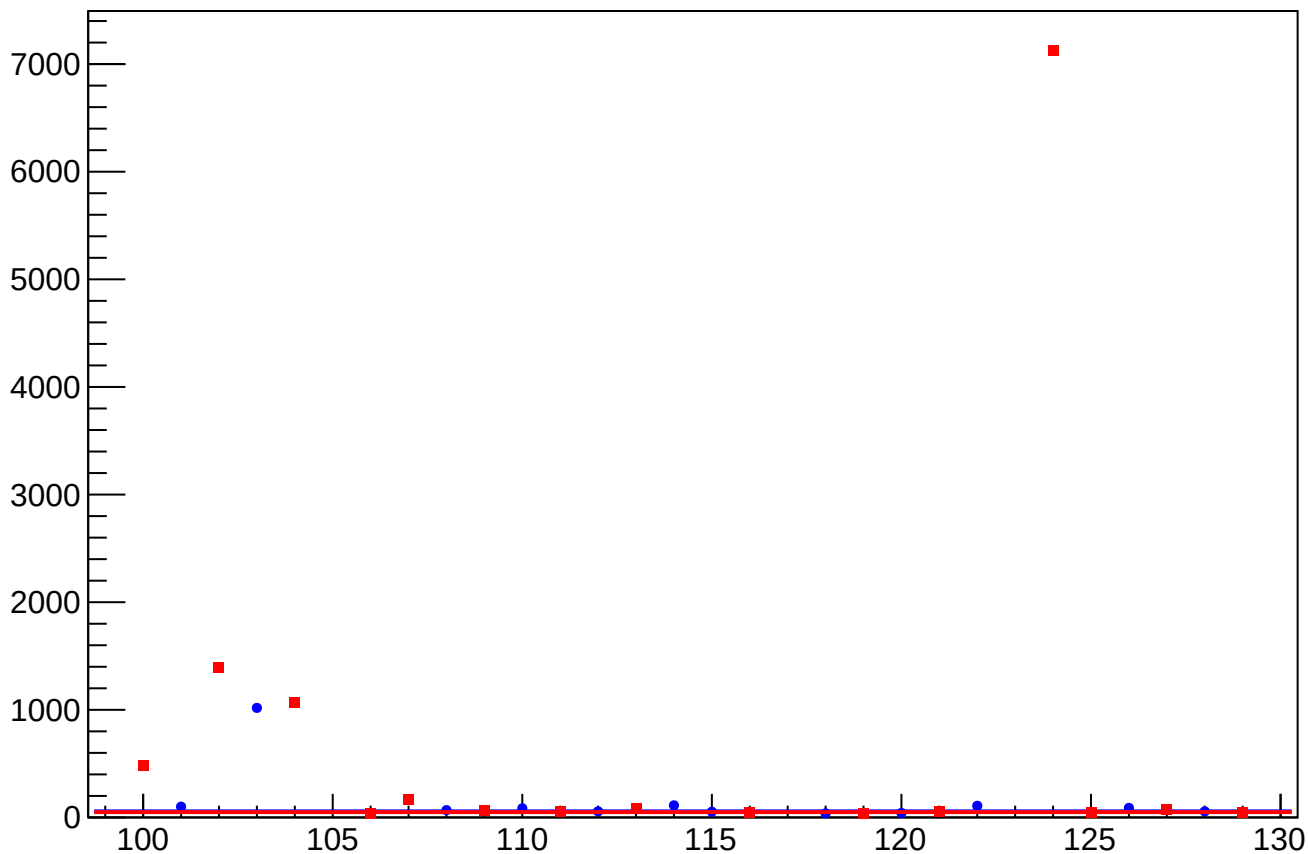
Right: -0.011+/-0.021 χ^2/NDF : 25.8/26

In: 0.010+/-0.031 χ^2/NDF : 10.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.021 χ^2/NDF : 25.8/26

asym_at1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.380+/-0.022 χ^2/NDF : 1972404.3/11

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

Right Out: 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

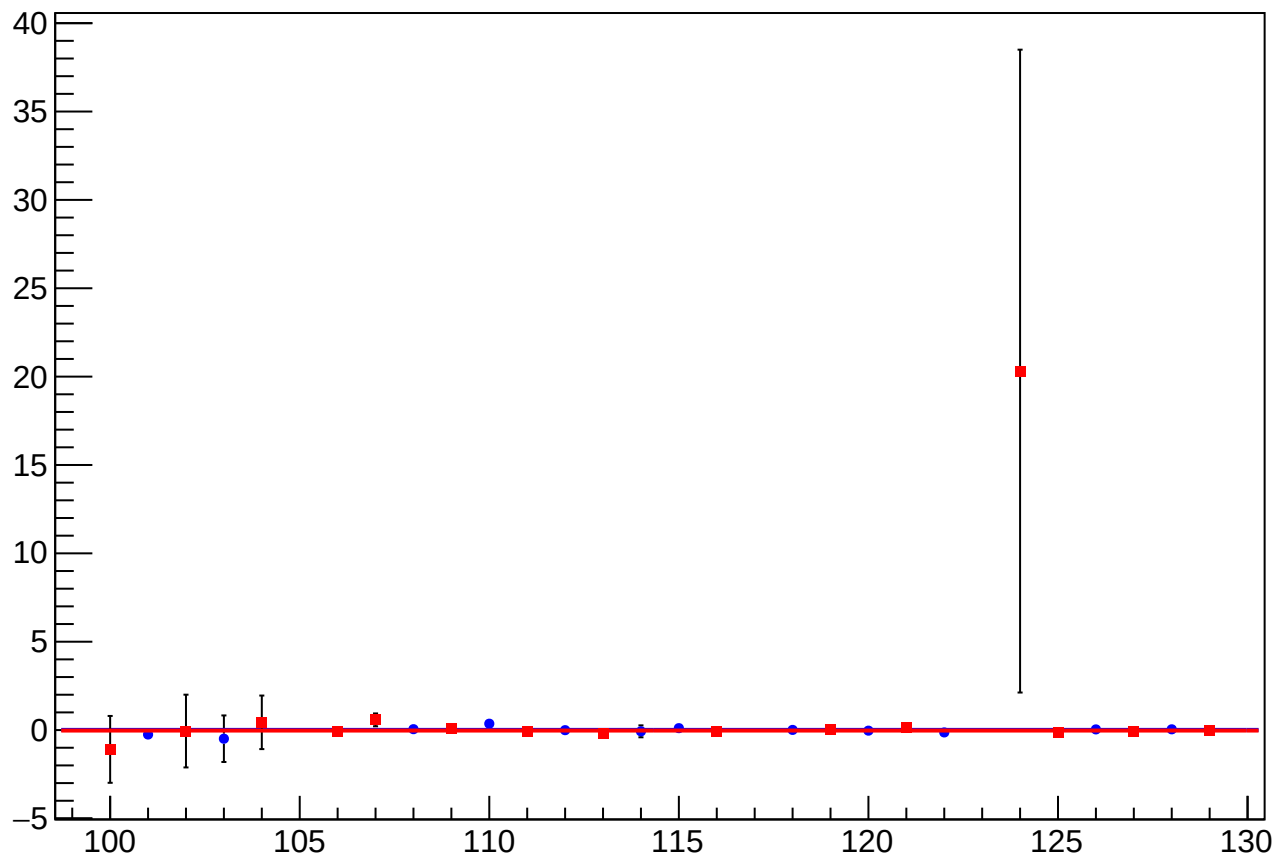
Right: 52.626+/-0.015 χ^2/NDF : 4838281.5/26

In: 56.380+/-0.022 χ^2/NDF : 1972404.3/11

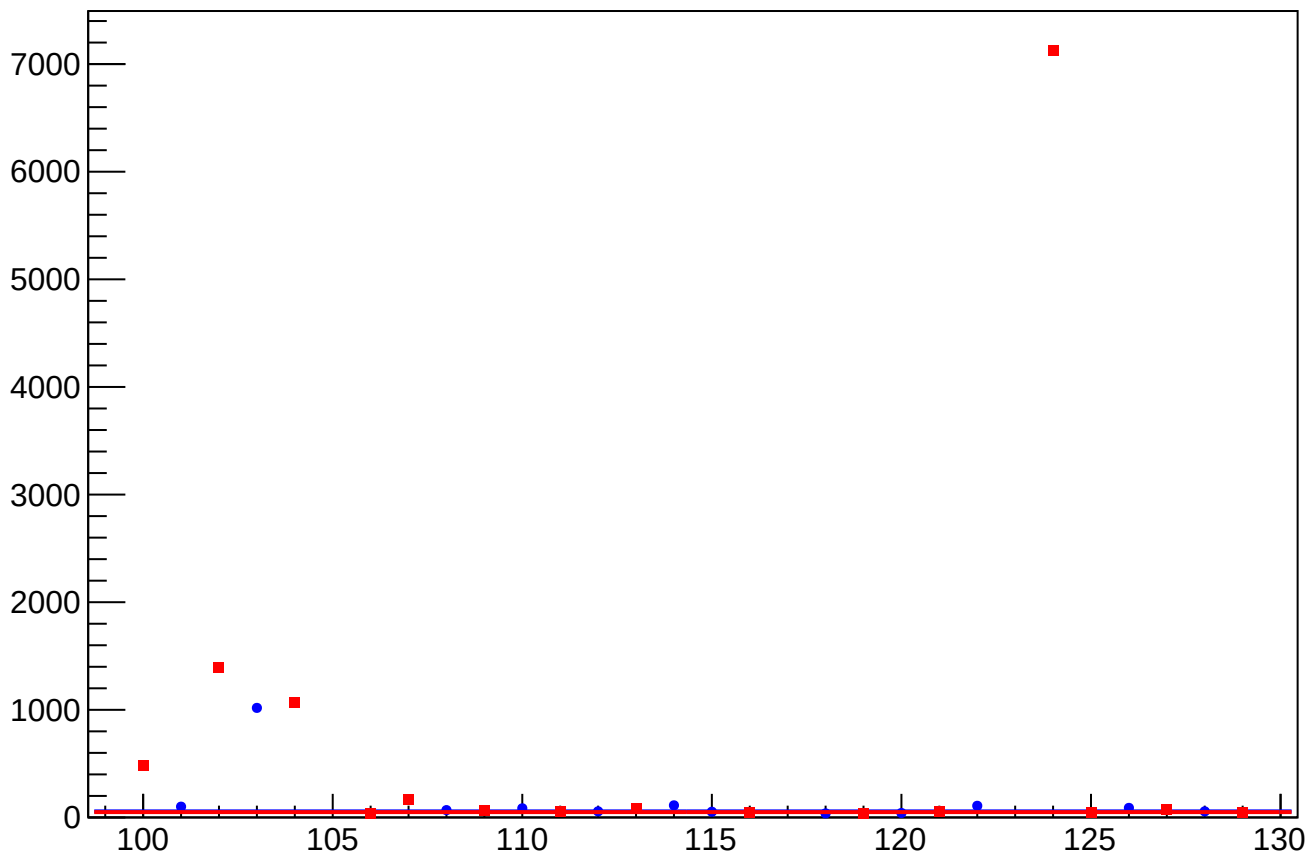
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.626+/-0.015 χ^2/NDF : 4838281.5/26

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



asym_at1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.380+/-0.022 χ^2/NDF : 1972404.3/11

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

Right Out: 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

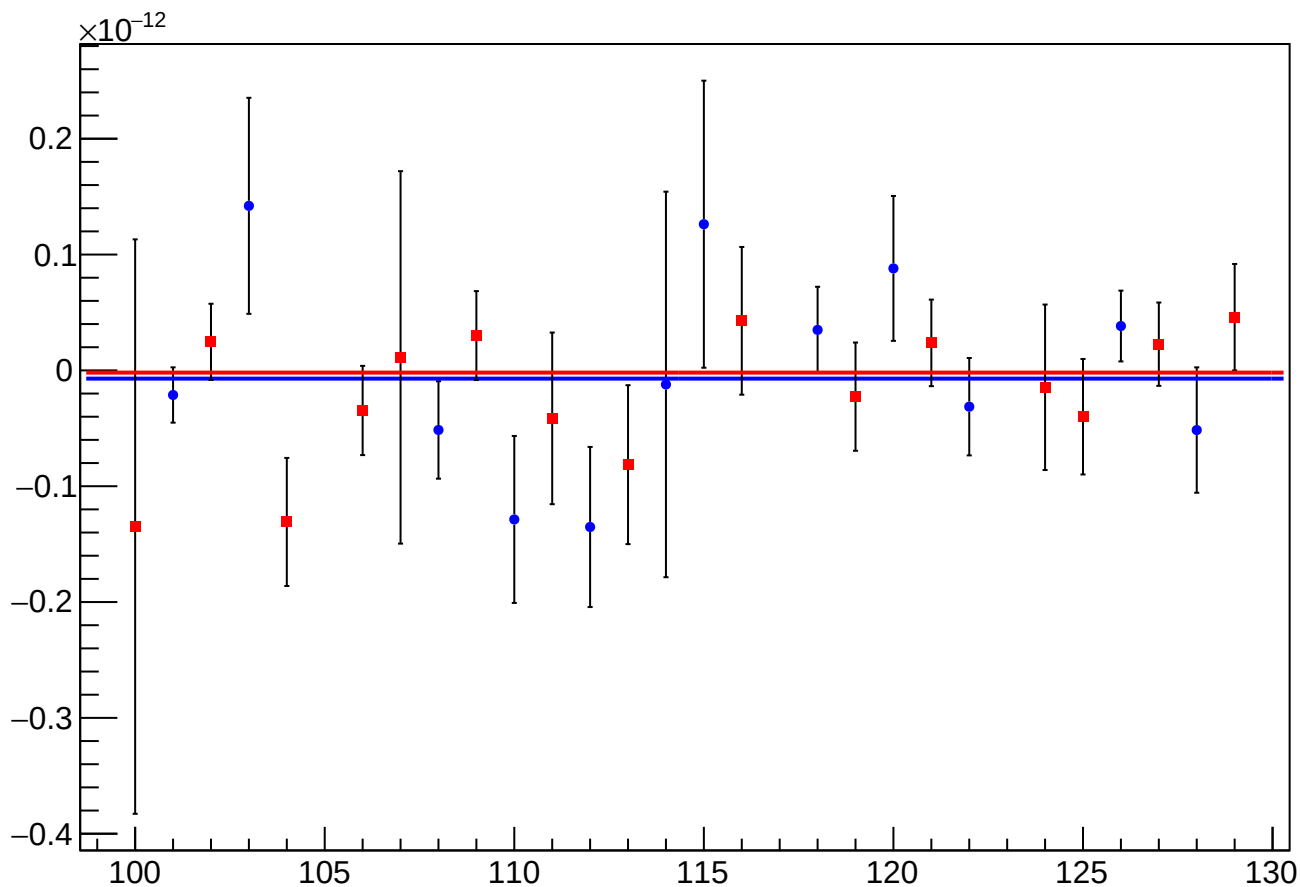
Right: 52.626+/-0.015 χ^2/NDF : 4838281.5/26

In: 56.380+/-0.022 χ^2/NDF : 1972404.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.626+/-0.015 χ^2/NDF : 4838281.5/26

asym_at1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 18.3/11

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

Right Out: -0.000+/-0.000 χ^2/NDF : 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

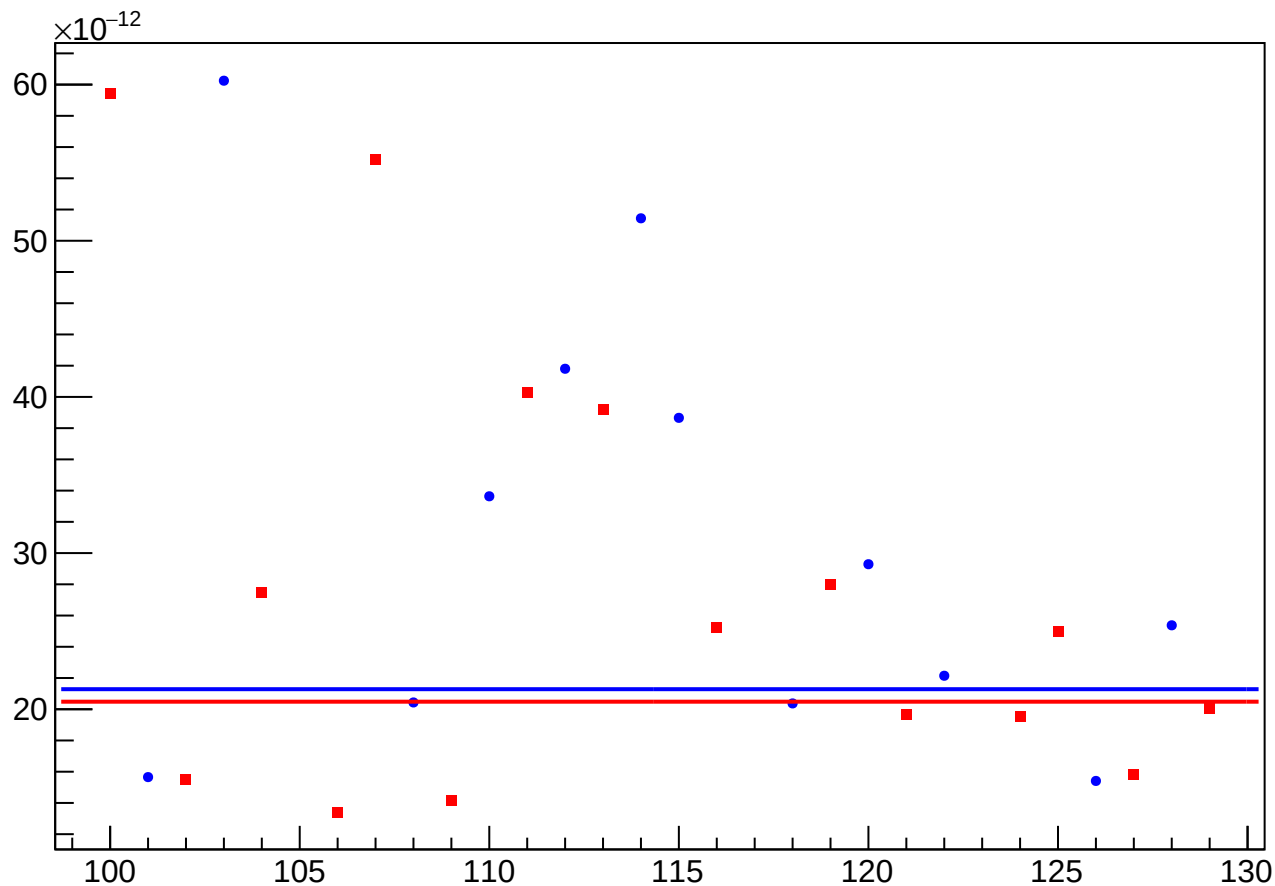
Right: -0.000+/-0.000 χ^2/NDF : 31.1/26

In: -0.000+/-0.000 χ^2/NDF : 18.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.1/26

asym_at1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 921310.6/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 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

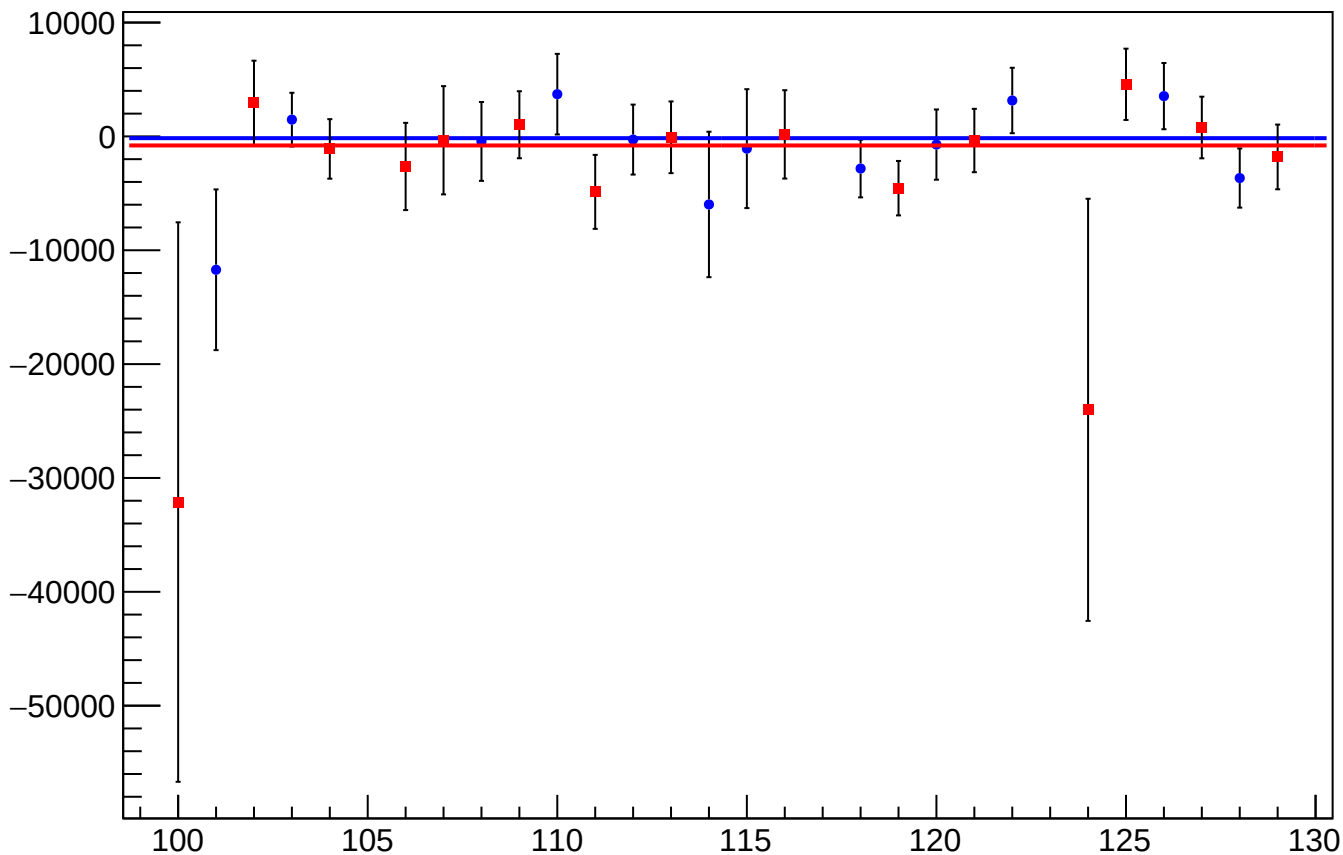
Right: 0.000+/-0.000 χ^2/NDF : 1673212.6/26

In: 0.000+/-0.000 χ^2/NDF : 921310.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1673212.6/26

reg_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -155.018+/-921.435 χ^2/NDF : 11.1/11

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

Right Out: -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

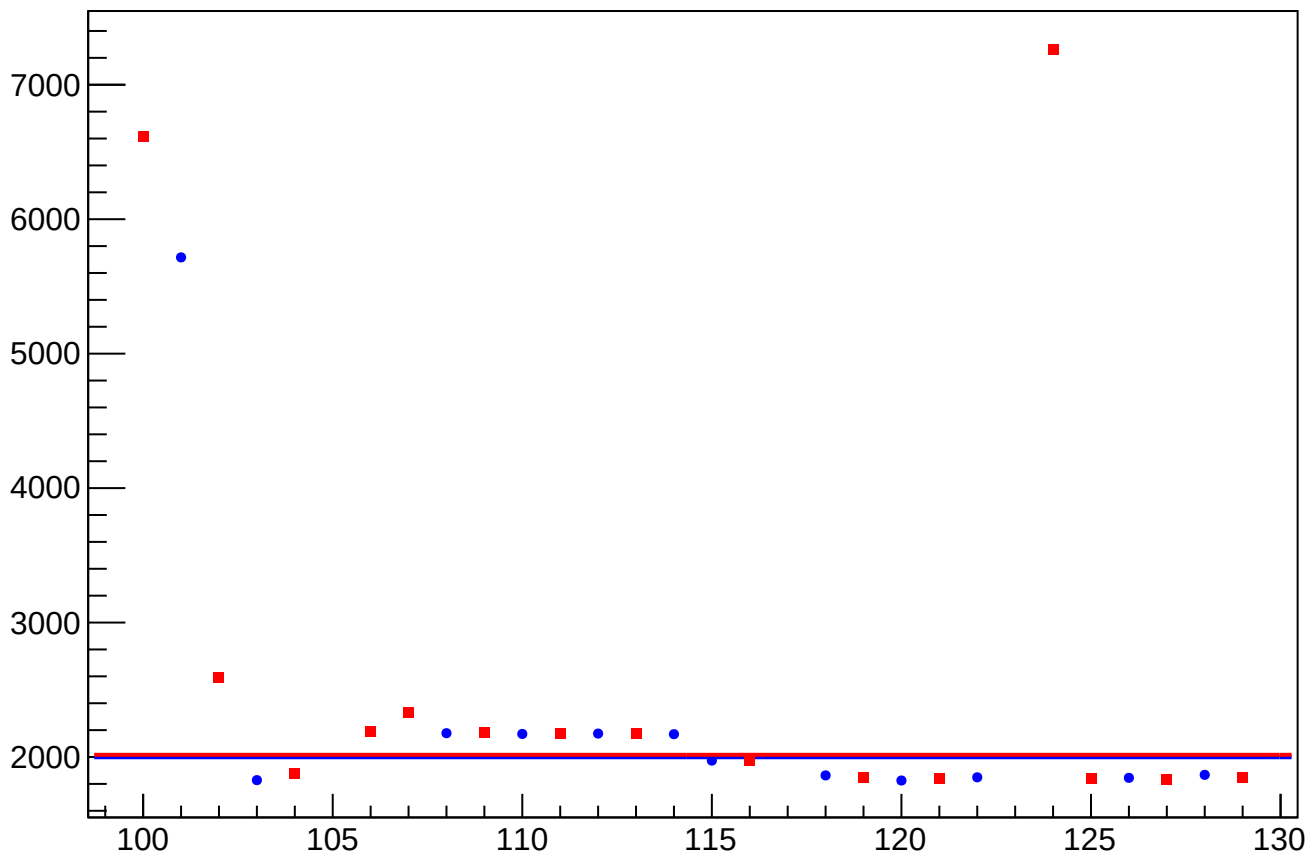
Right: -500.257+/-625.291 χ^2/NDF : 23.8/26

In: -155.018+/-921.435 χ^2/NDF :11.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -500.257+/-625.291 χ^2/NDF : 23.8/26

reg_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1998.267+/-0.652 χ^2/NDF : 611377.6/11

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

Right Out: 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

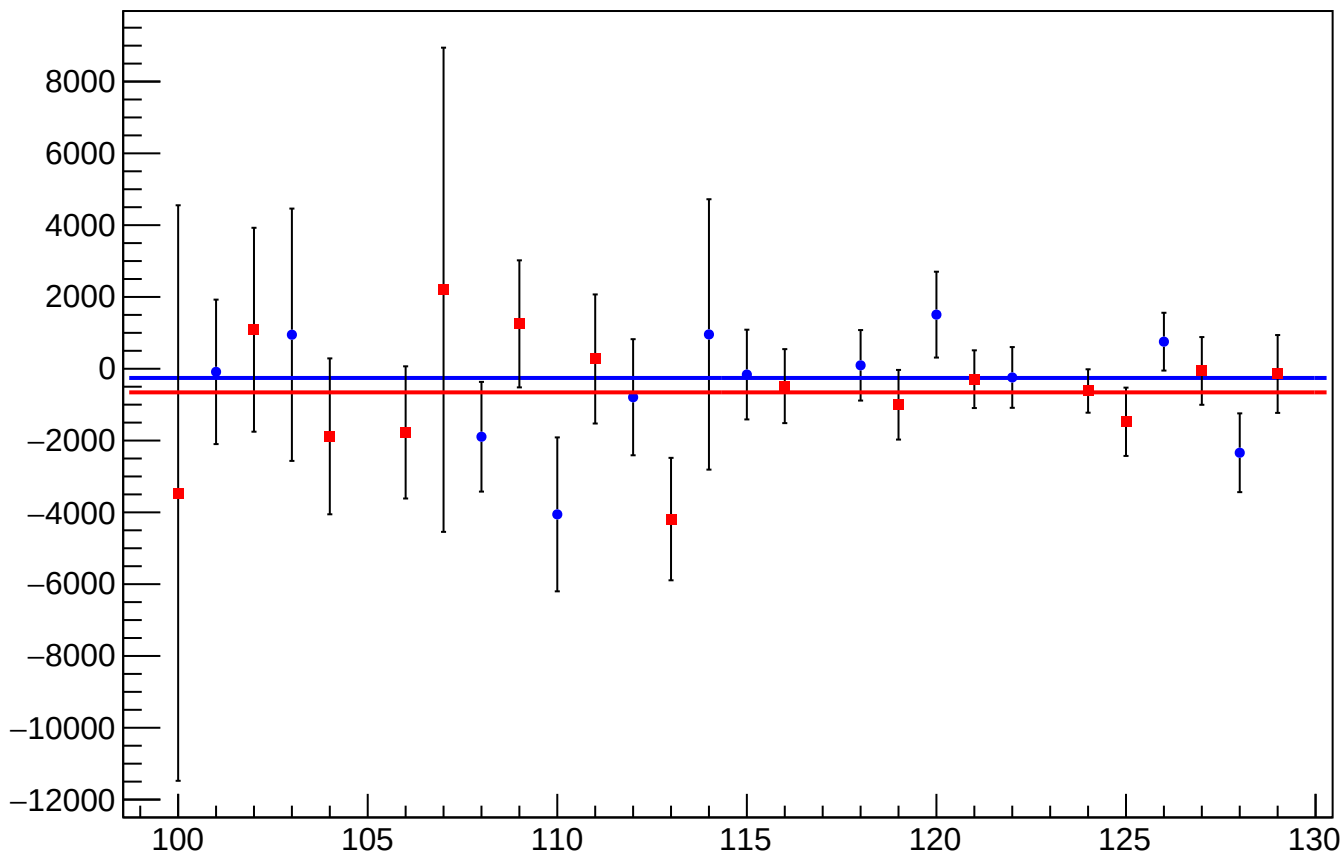
Right: 2008.031+/-0.442 χ^2/NDF : 965385.0/26

In: 1998.267+/-0.652 χ^2/NDF : 611377.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2008.031+/-0.442 χ^2/NDF : 965385.0/26

asym_at1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -256.438+/-363.340 χ^2/NDF : 12.1/11

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

Right Out: -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

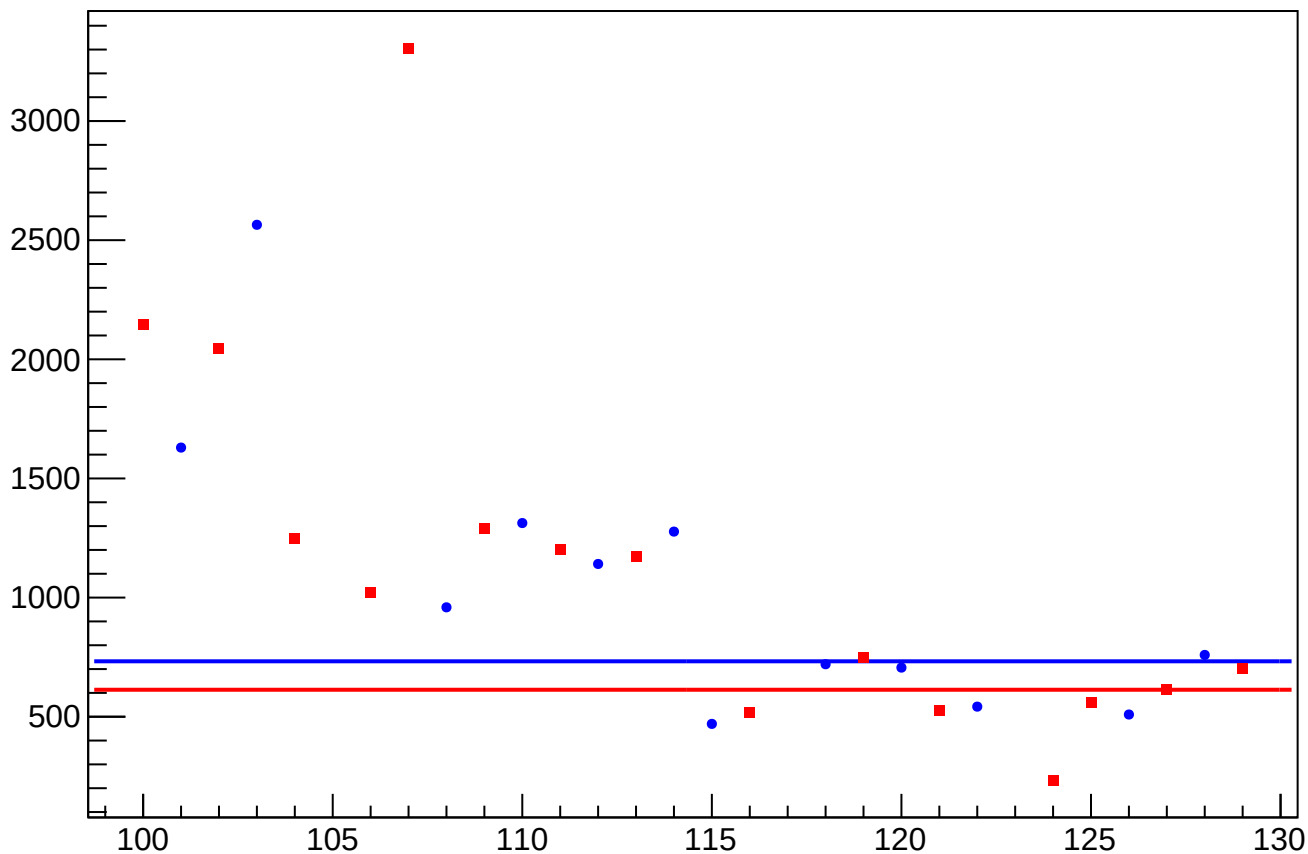
Right: -494.047+/-231.984 χ^2/NDF : 21.7/26

In: -256.438+/-363.340 χ^2/NDF : 12.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -494.047+/-231.984 χ^2/NDF : 21.7/26

asym_at1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 732.606+/-0.257 χ^2/NDF : 1646808.9/11

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

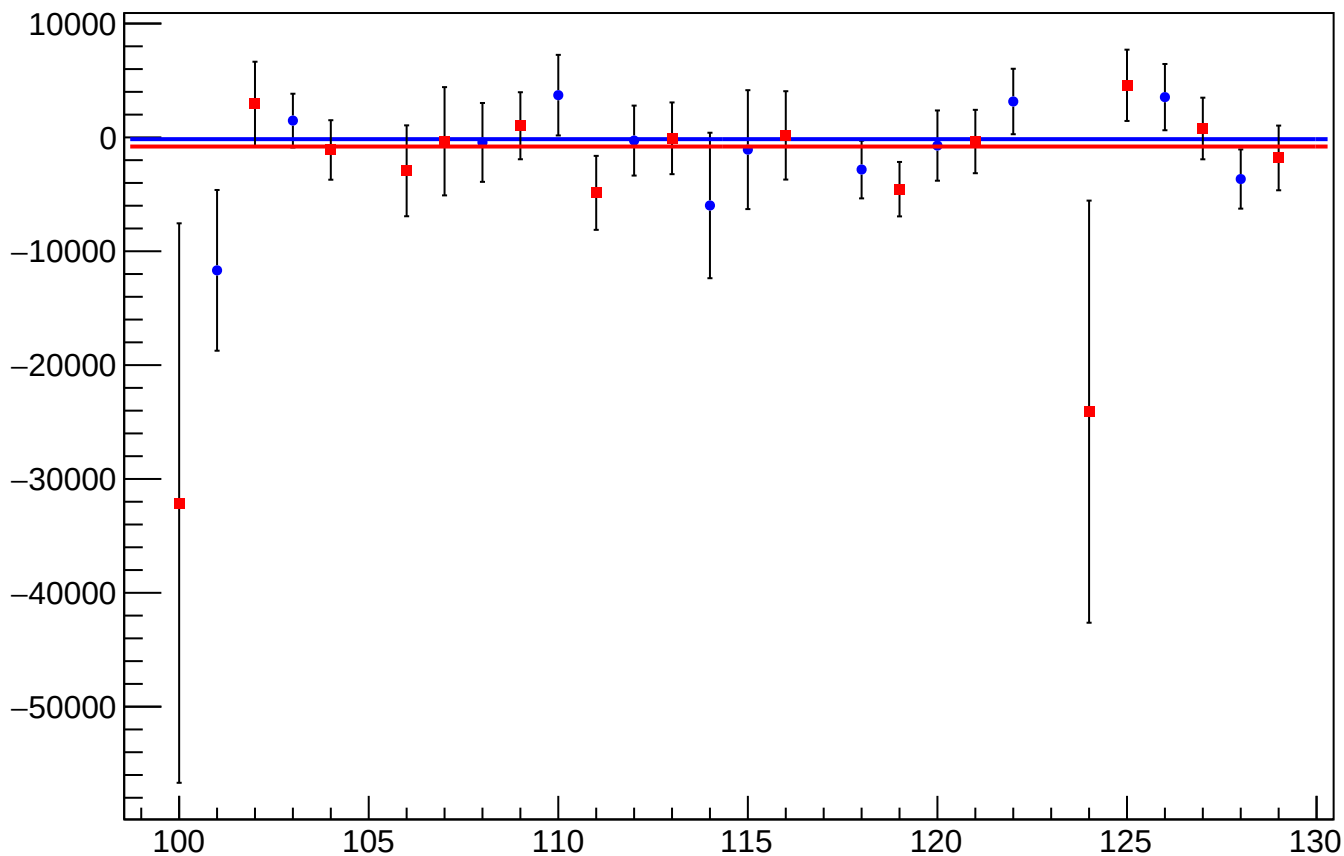
Right: 661.878+/-0.164 χ^2/NDF : 4559734.8/26

In: 732.606+/-0.257 χ^2/NDF :1646808.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 661.878+/-0.164 χ^2/NDF : 4559734.8/26

cor_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -153.865+/-921.436 χ^2/NDF : 11.1/11

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

Right Out: -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

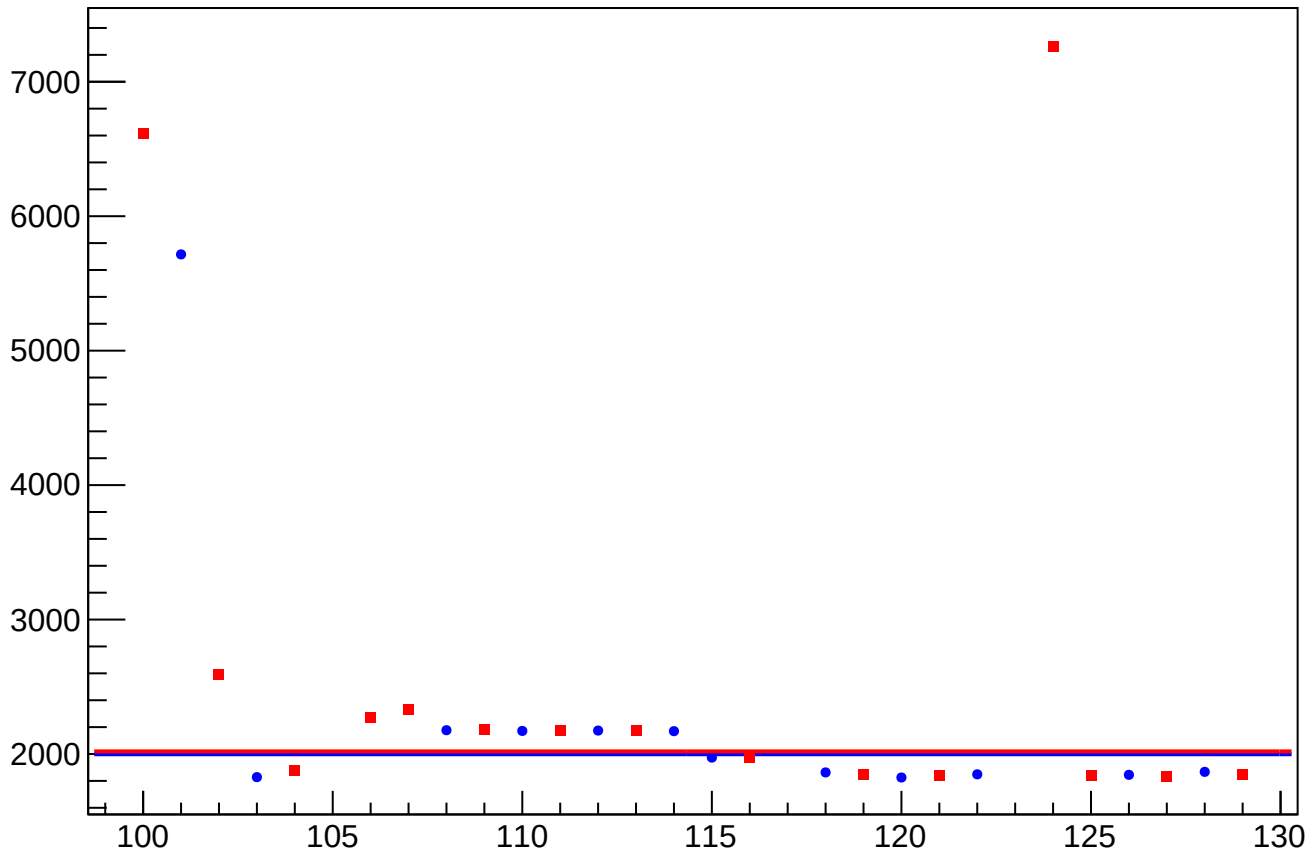
Right: -502.919+/-625.949 χ^2/NDF : 23.9/26

In: -153.865+/-921.436 χ^2/NDF : 11.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -502.919+/-625.949 χ^2/NDF : 23.9/26

cor_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1998.267+/-0.652 χ^2/NDF : 611377.5/11

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

Right Out: 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

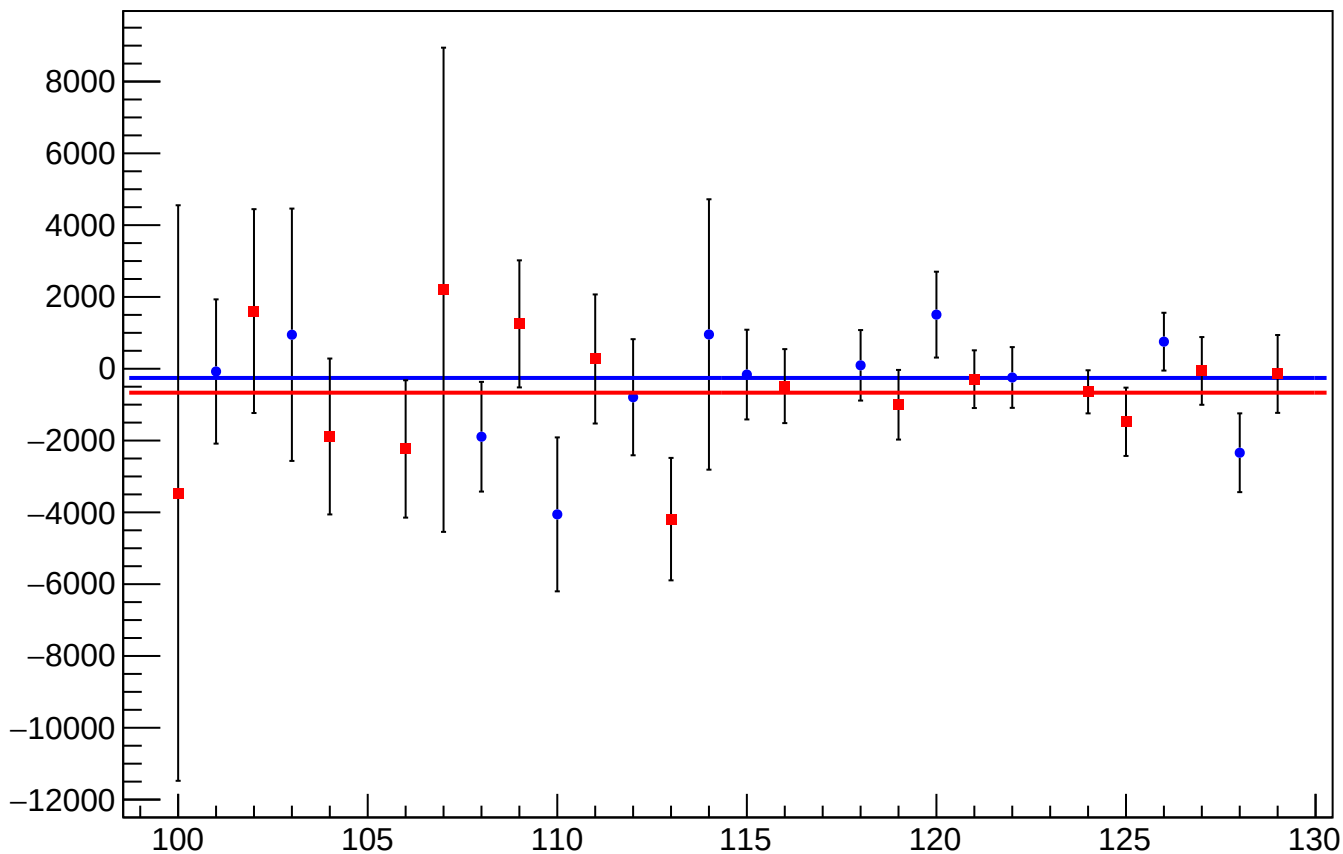
Right: 2009.668+/-0.443 χ^2/NDF : 969553.6/26

In: 1998.267+/-0.652 χ^2/NDF : 611377.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2009.668+/-0.443 χ^2/NDF : 969553.6/26

asym_at1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -256.360+/-363.321 χ^2/NDF : 12.1/11

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

Right Out: -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

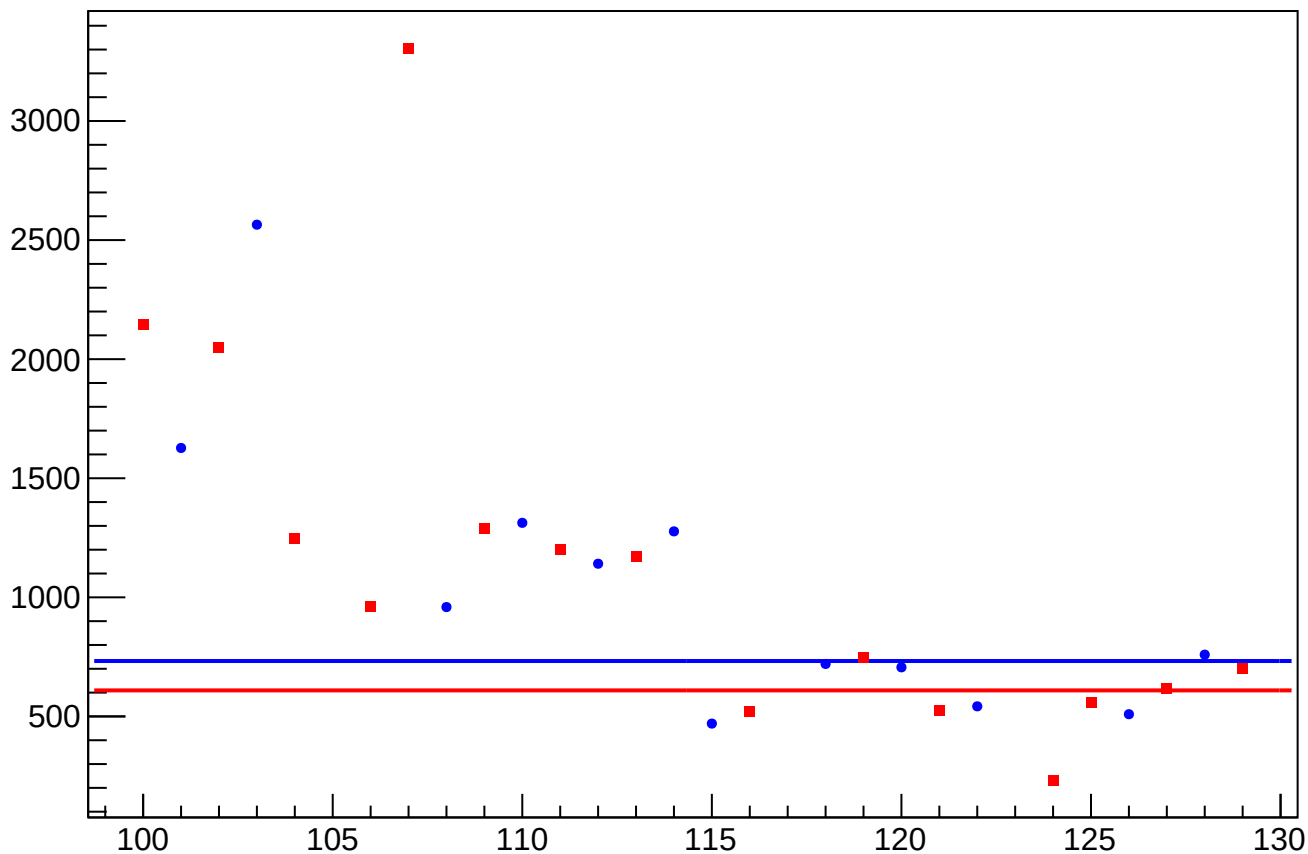
Right: -499.616+/-231.864 χ^2/NDF : 22.3/26

In: -256.360+/-363.321 χ^2/NDF : 12.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -499.616+/-231.864 χ^2/NDF : 22.3/26

asym_at1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 732.611+/-0.257 χ^2/NDF : 1645916.3/11

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

Right Out: 609.258+/-0.213 χ^2/NDF : 2773547.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

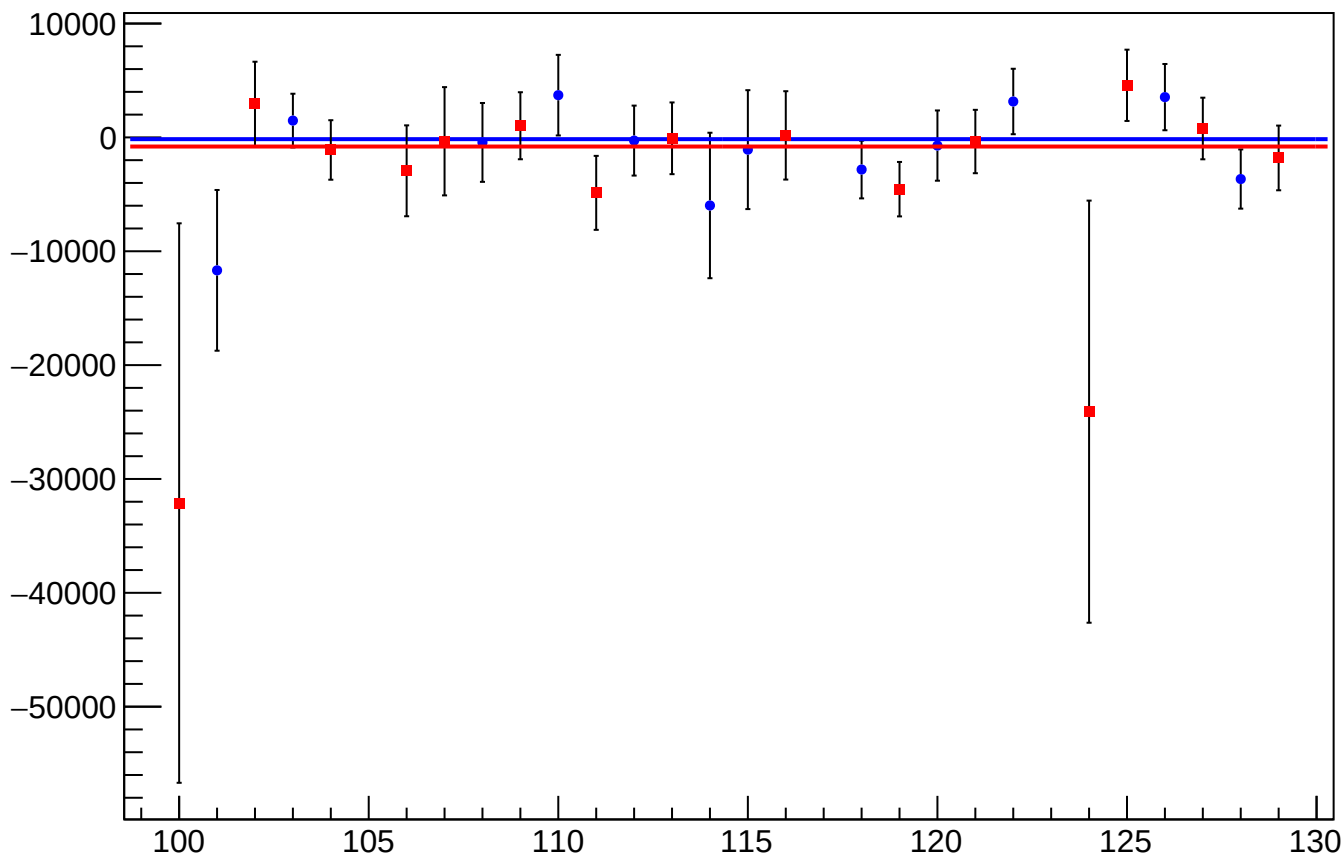
Right: 659.496+/-0.164 χ^2/NDF : 4556110.9/26

In: 732.611+/-0.257 χ^2/NDF : 1645916.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 659.496+/-0.164 χ^2/NDF : 4556110.9/26

eigen_cor_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -153.865+/-921.436 χ^2/NDF : 11.1/11

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

Right Out: -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

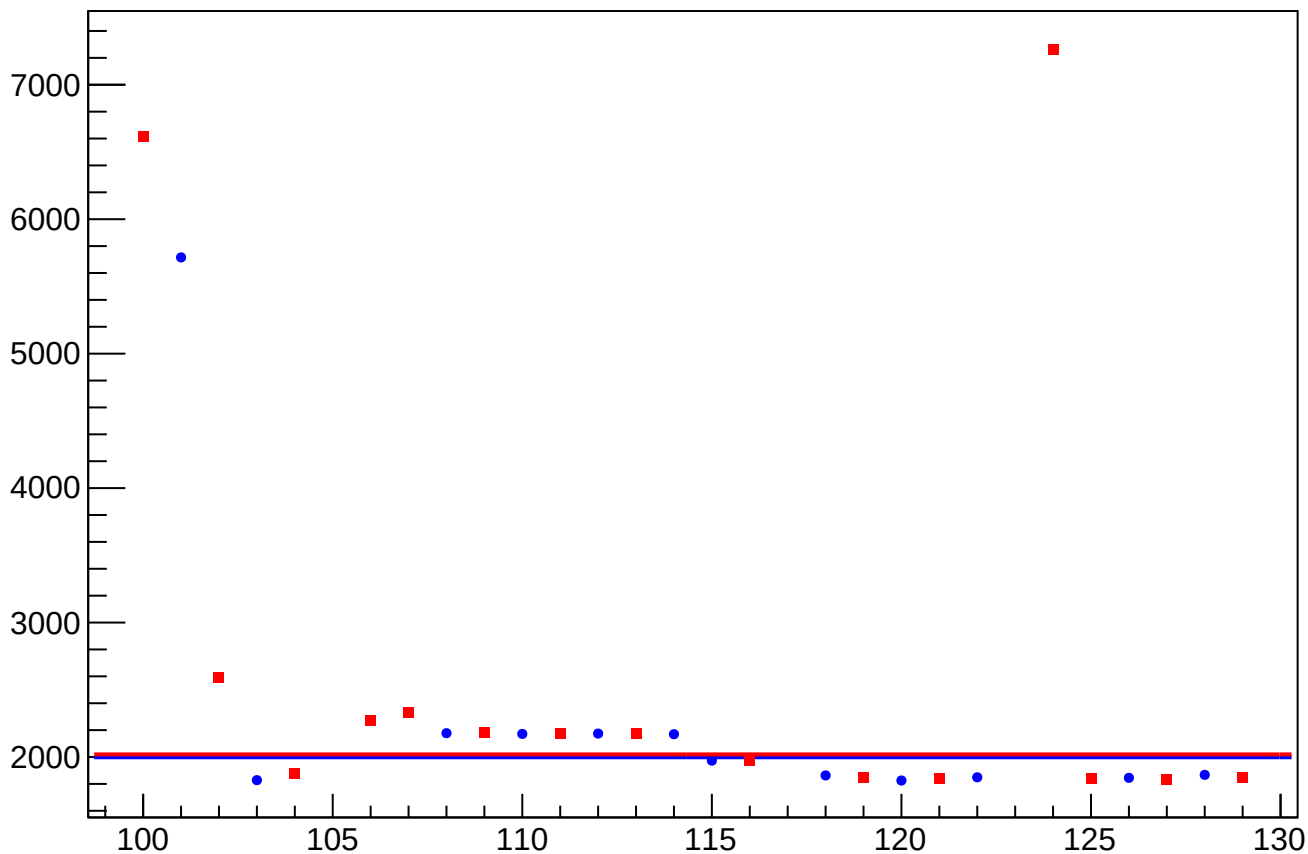
Right: -502.919+/-625.949 χ^2/NDF : 23.9/26

In: -153.865+/-921.436 χ^2/NDF : 11.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -502.919+/-625.949 χ^2/NDF : 23.9/26

eigen_cor_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1998.267+/-0.652 χ^2/NDF : 611377.5/11

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

Right Out: 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

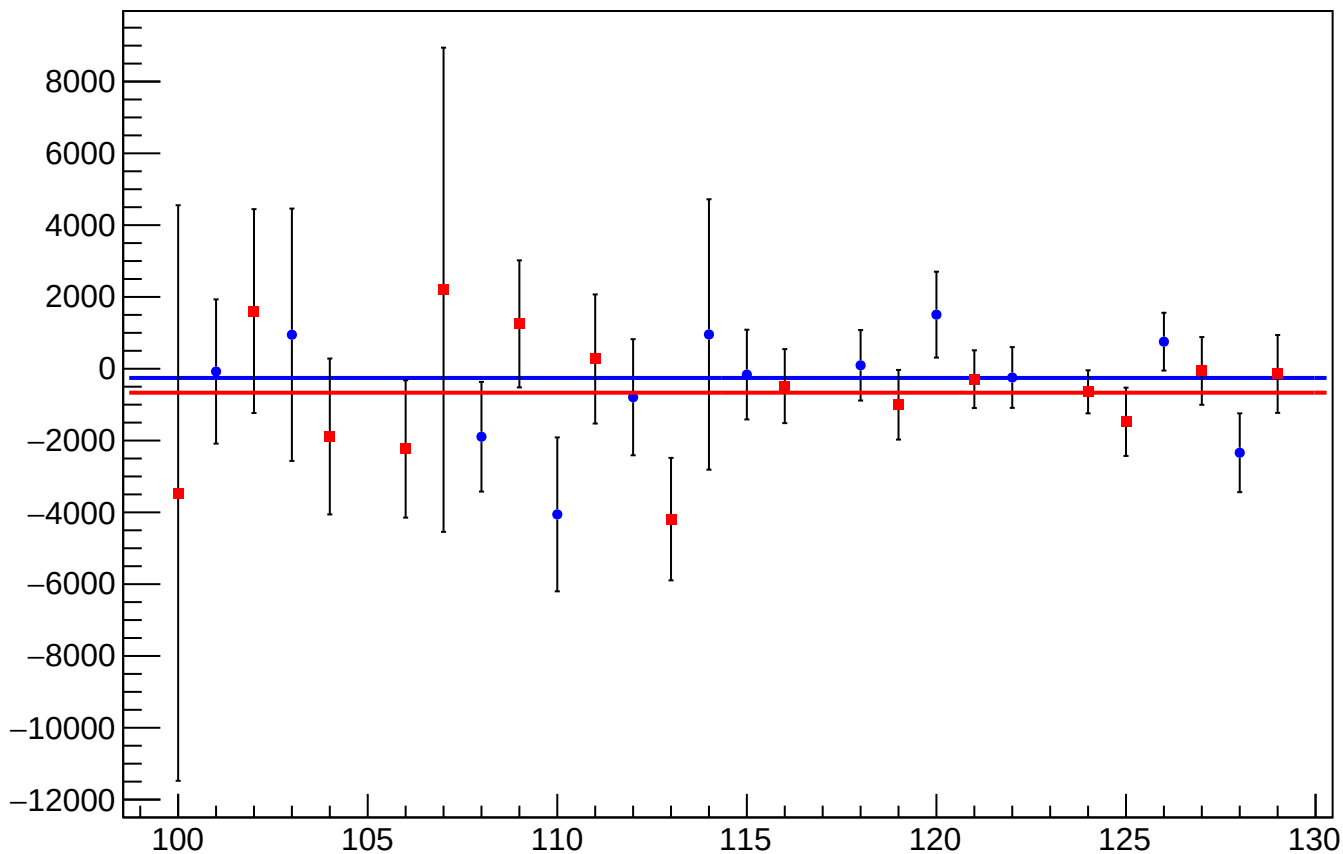
Right: 2009.668+/-0.443 χ^2/NDF : 969553.6/26

In: 1998.267+/-0.652 χ^2/NDF : 611377.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2009.668+/-0.443 χ^2/NDF : 969553.6/26

asym_at1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -256.360+/-363.321 χ^2/NDF : 12.1/11

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

Right Out: -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

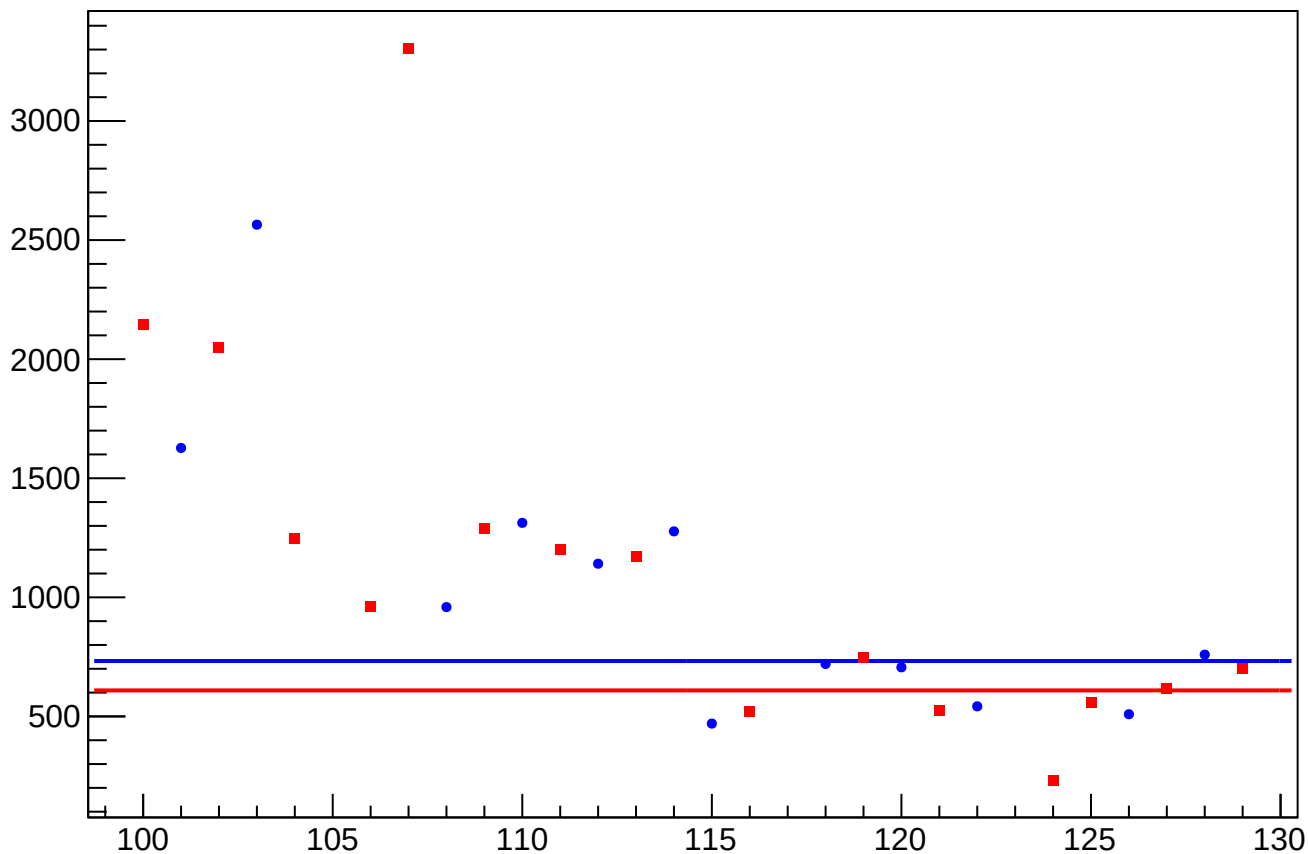
Right: -499.616+/-231.864 χ^2/NDF : 22.3/26

In: -256.360+/-363.321 χ^2/NDF : 12.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -499.616+/-231.864 χ^2/NDF : 22.3/26

asym_at1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 732.611+/-0.257 χ^2/NDF : 1645916.3/11

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

Right Out: 609.258+/-0.213 χ^2/NDF : 2773547.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

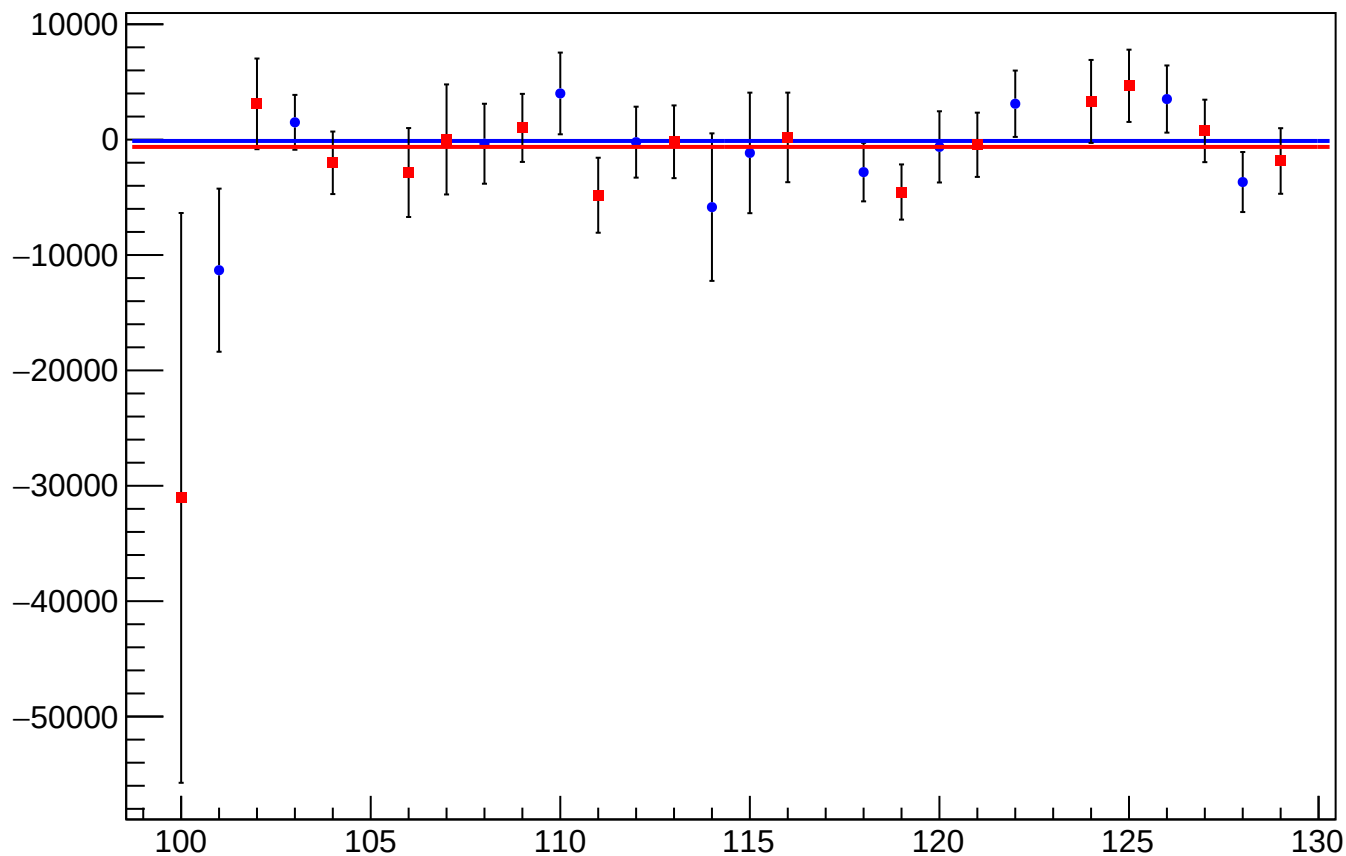
Right: 659.496+/-0.164 χ^2/NDF : 4556110.9/26

In: 732.611+/-0.257 χ^2/NDF : 1645916.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 659.496+/-0.164 χ^2/NDF : 4556110.9/26

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -114.764 $\pm$ 922.789 χ^2 /NDF: 11.0/11

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

Right Out: -631.589 $\pm$ 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

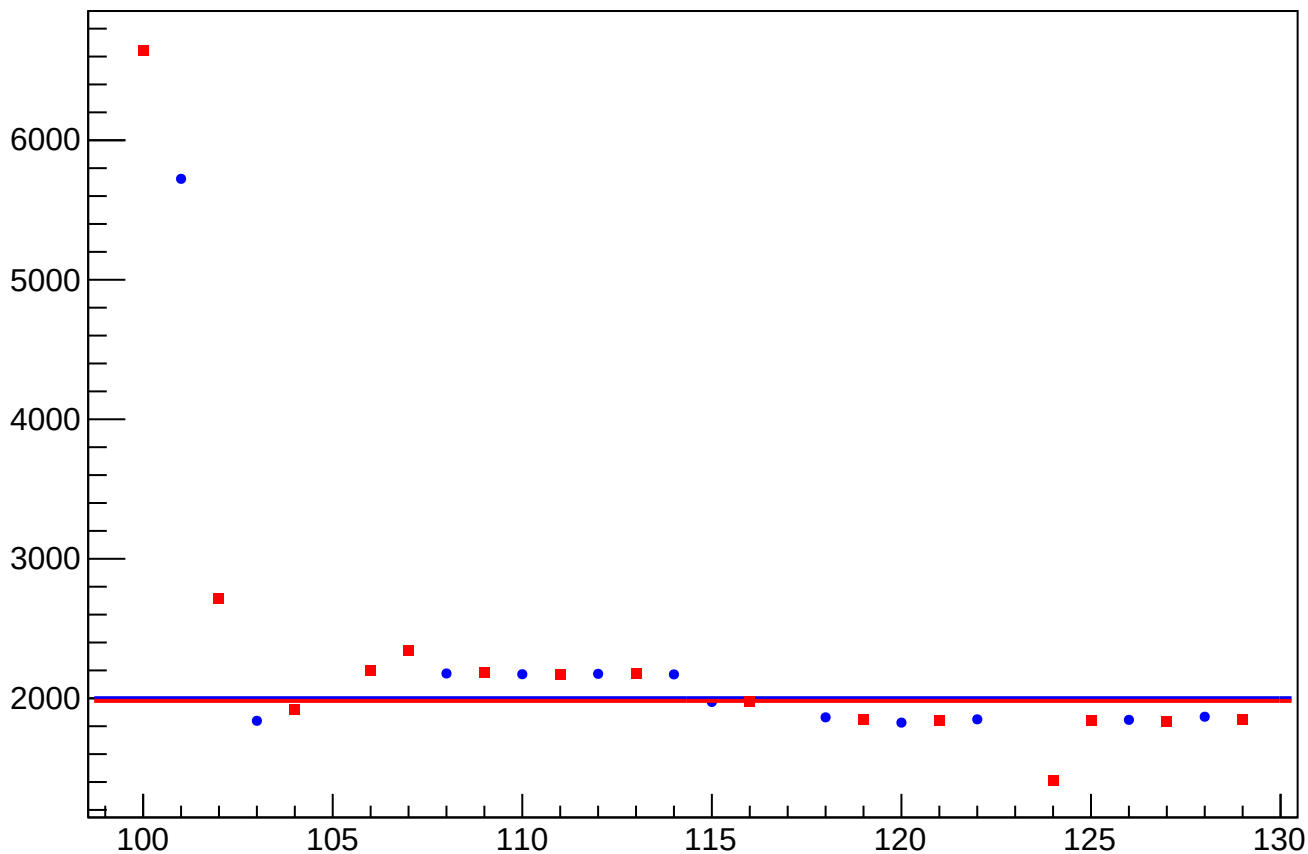
Right: -398.903 $\pm$ 619.179 χ^2 /NDF: 23.4/26

In: -114.764 $\pm$ 922.789 χ^2 /NDF: 11.0/11

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

All: -398.903 $\pm$ 619.179 χ^2 /NDF: 23.4/26

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2000.825+/-0.653 χ^2/NDF : 610713.2/11

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

Right Out: 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

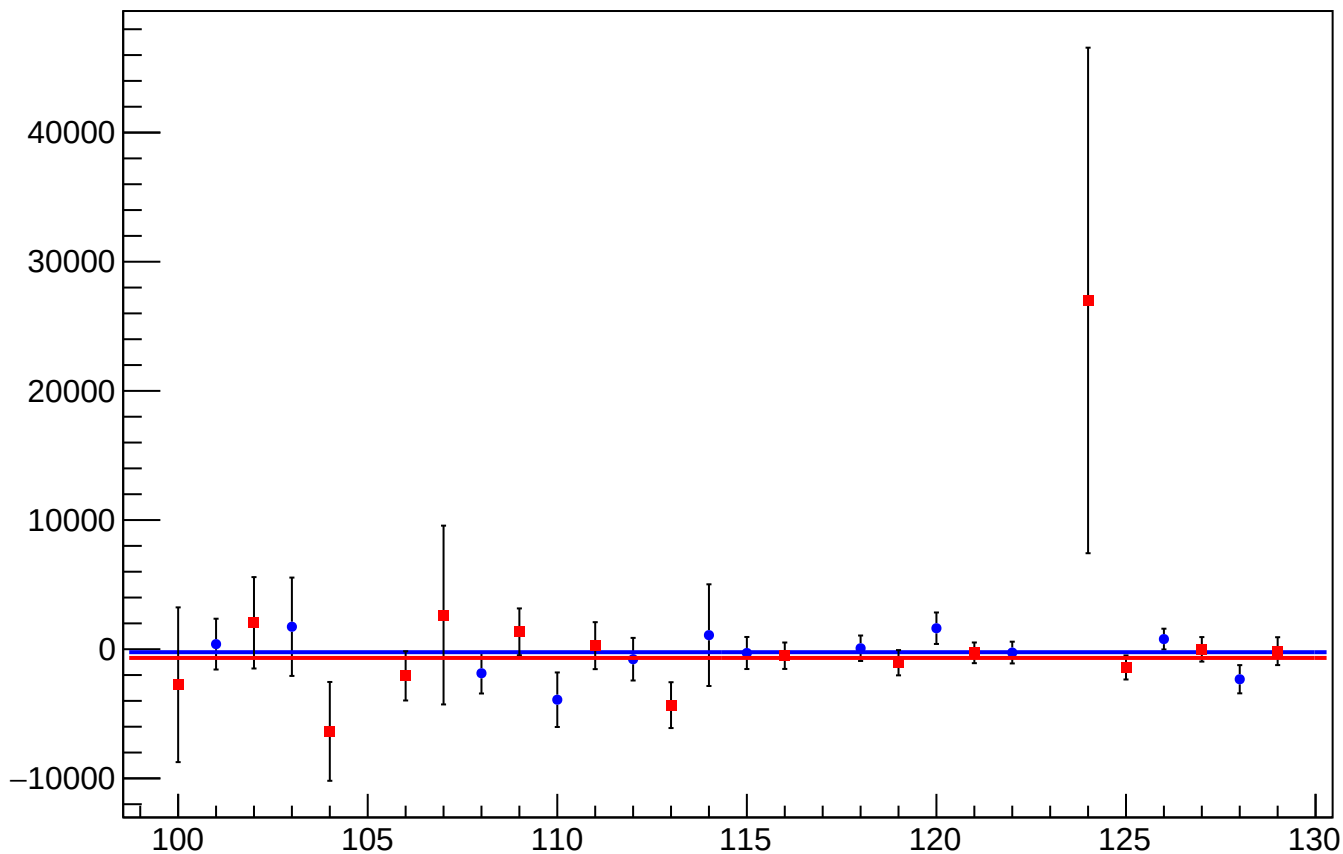
Right: 1990.257+/-0.438 χ^2/NDF : 870791.5/26

In: 2000.825+/-0.653 χ^2/NDF : 610713.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1990.257+/-0.438 χ^2/NDF : 870791.5/26

asym_at1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -231.337+/-364.154 χ^2 /NDF: 12.4/11

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

Right Out: -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

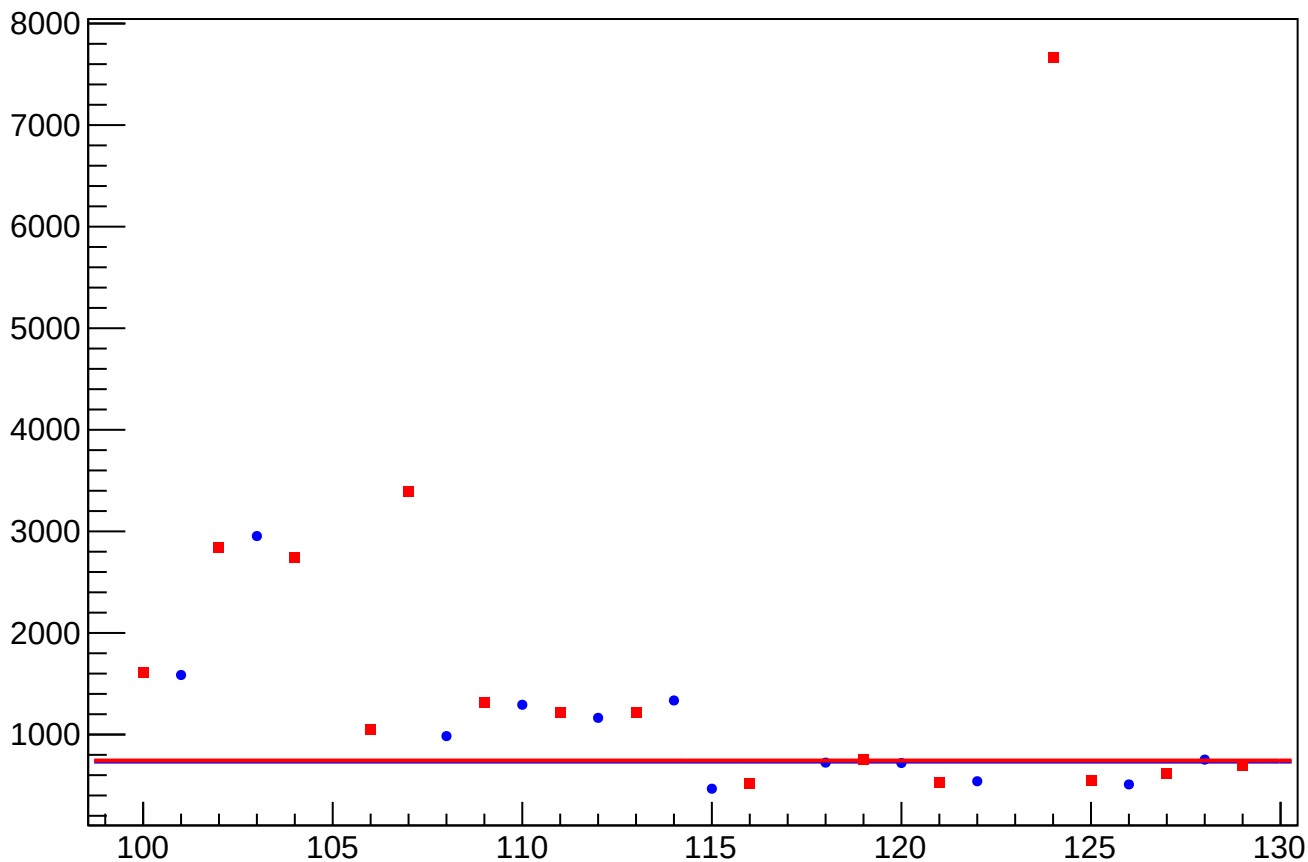
Right: -460.790+/-252.971 χ^2 /NDF: 26.4/26

In: -231.337+/-364.154 χ^2 /NDF:12.4/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -460.790+/-252.971 χ^2 /NDF: 26.4/26

asym_at1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 733.624+/-0.257 χ^2/NDF : 1786914.9/11

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

Right Out: 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

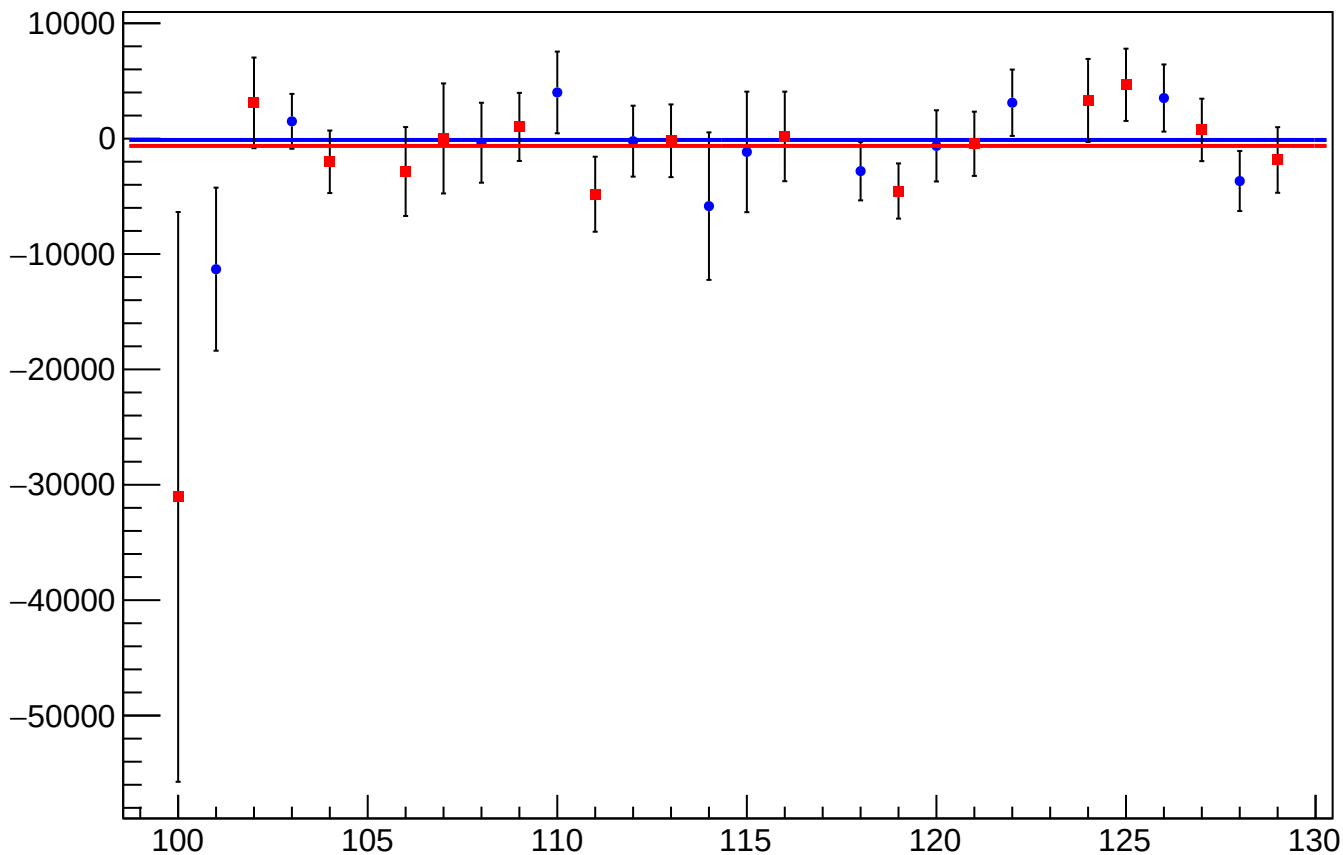
Right: 738.983+/-0.179 χ^2/NDF : 4531112.9/26

In: 733.624+/-0.257 χ^2/NDF : 1786914.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 738.983+/-0.179 χ^2/NDF : 4531112.9/26

eigen_dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -114.765+/-922.789 χ^2/NDF : 11.0/11

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

Right Out: -631.590+/-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

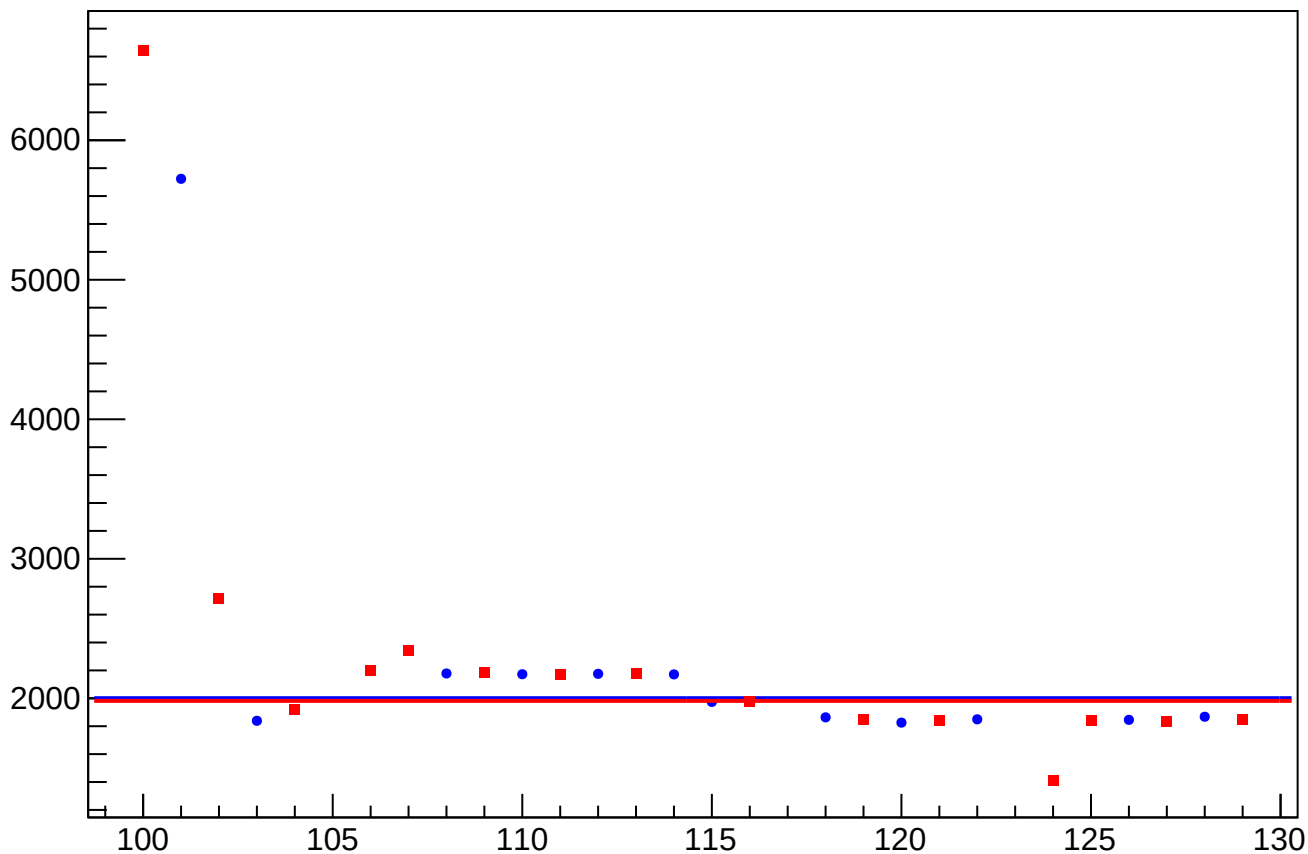
Right: -398.904+/-619.179 χ^2/NDF : 23.4/26

In: -114.765+/-922.789 χ^2/NDF : 11.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -398.904+/-619.179 χ^2/NDF : 23.4/26

eigen_dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2000.825+/-0.653 χ^2/NDF : 610713.2/11

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

Right Out: 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

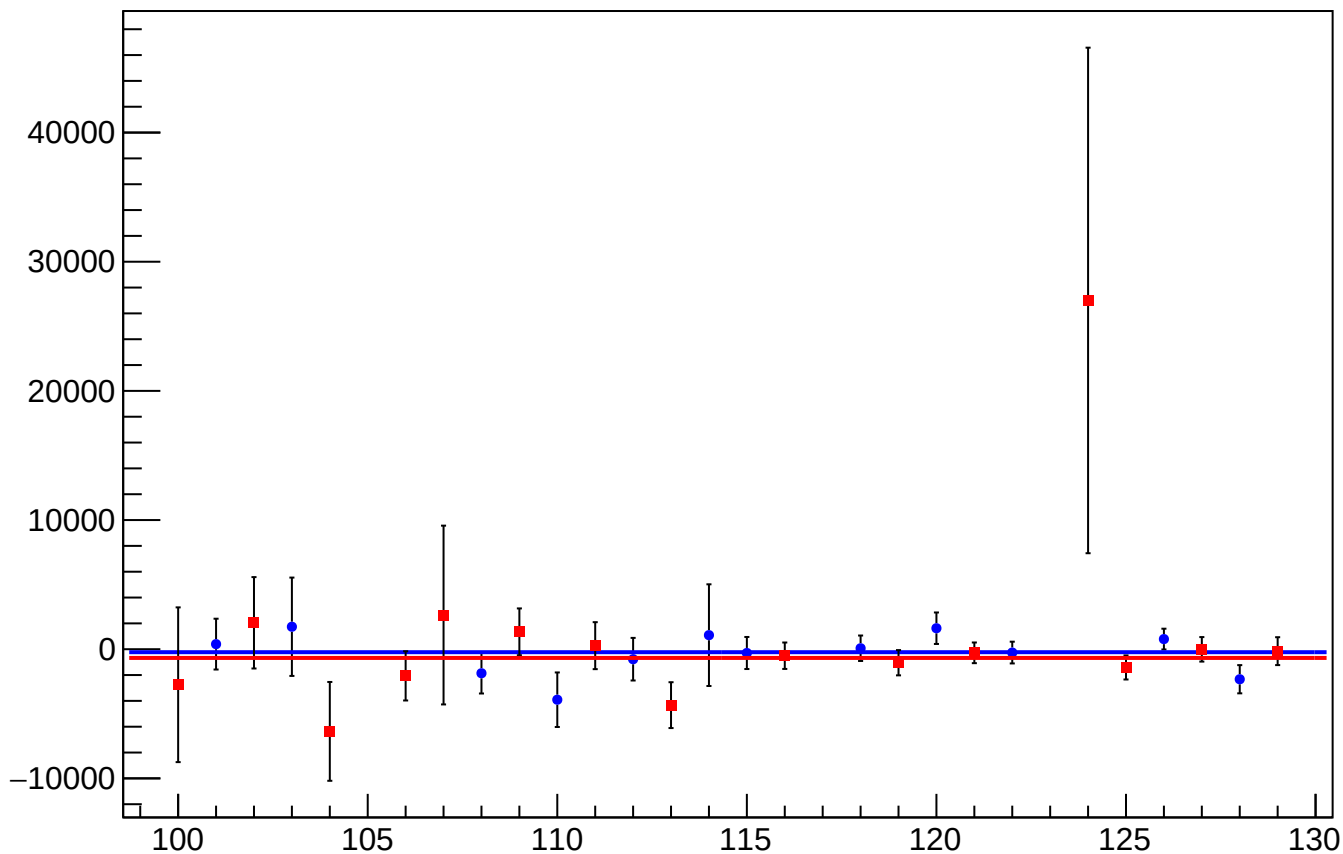
Right: 1990.257+/-0.438 χ^2/NDF : 870791.4/26

In: 2000.825+/-0.653 χ^2/NDF :610713.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1990.257+/-0.438 χ^2/NDF : 870791.4/26

asym_at1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -231.338+/-364.153 χ^2/NDF : 12.4/11

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

Right Out: -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

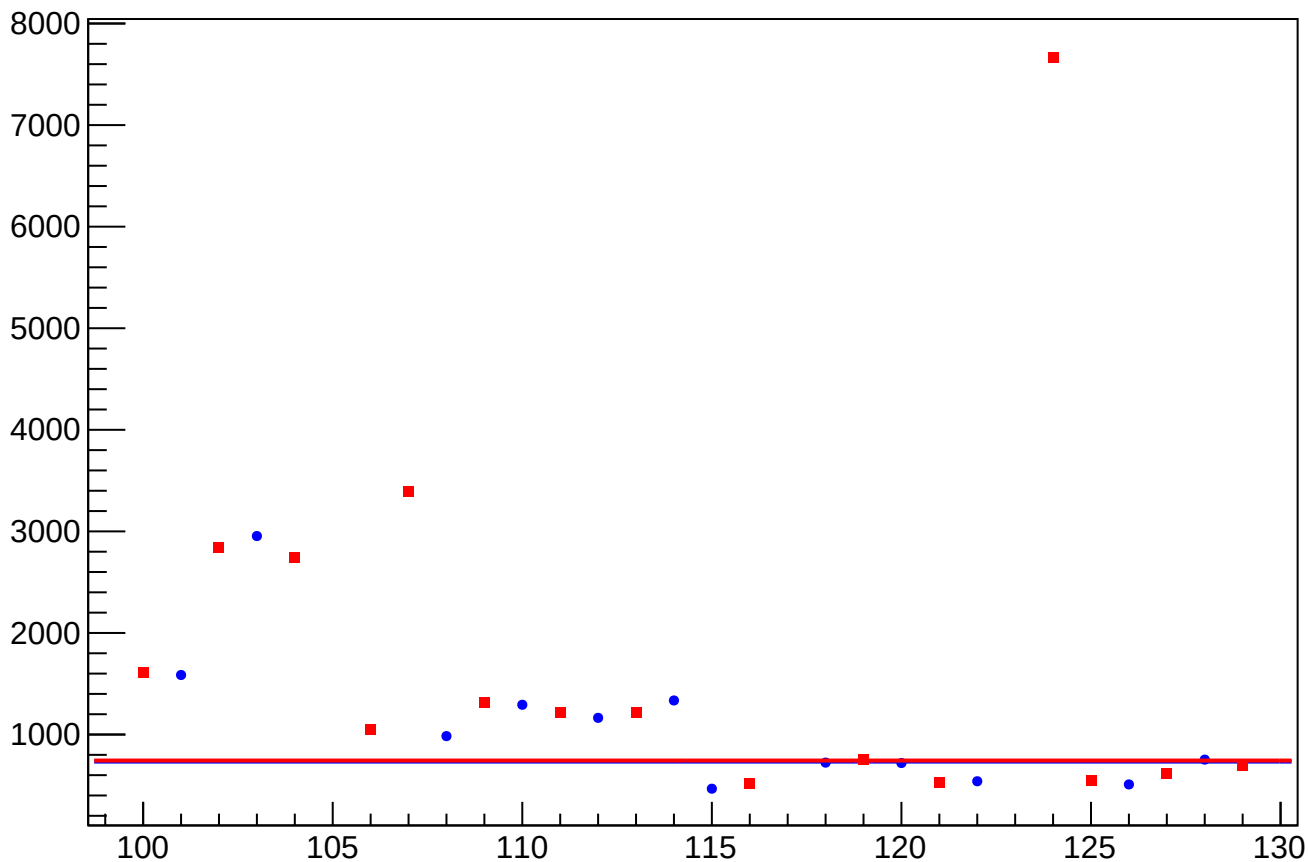
Right: -460.790+/-252.971 χ^2/NDF : 26.4/26

In: -231.338+/-364.153 χ^2/NDF : 12.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -460.790+/-252.971 χ^2/NDF : 26.4/26

asym_at1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 733.623+/-0.257 χ^2/NDF : 1786914.5/11

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

Right Out: 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

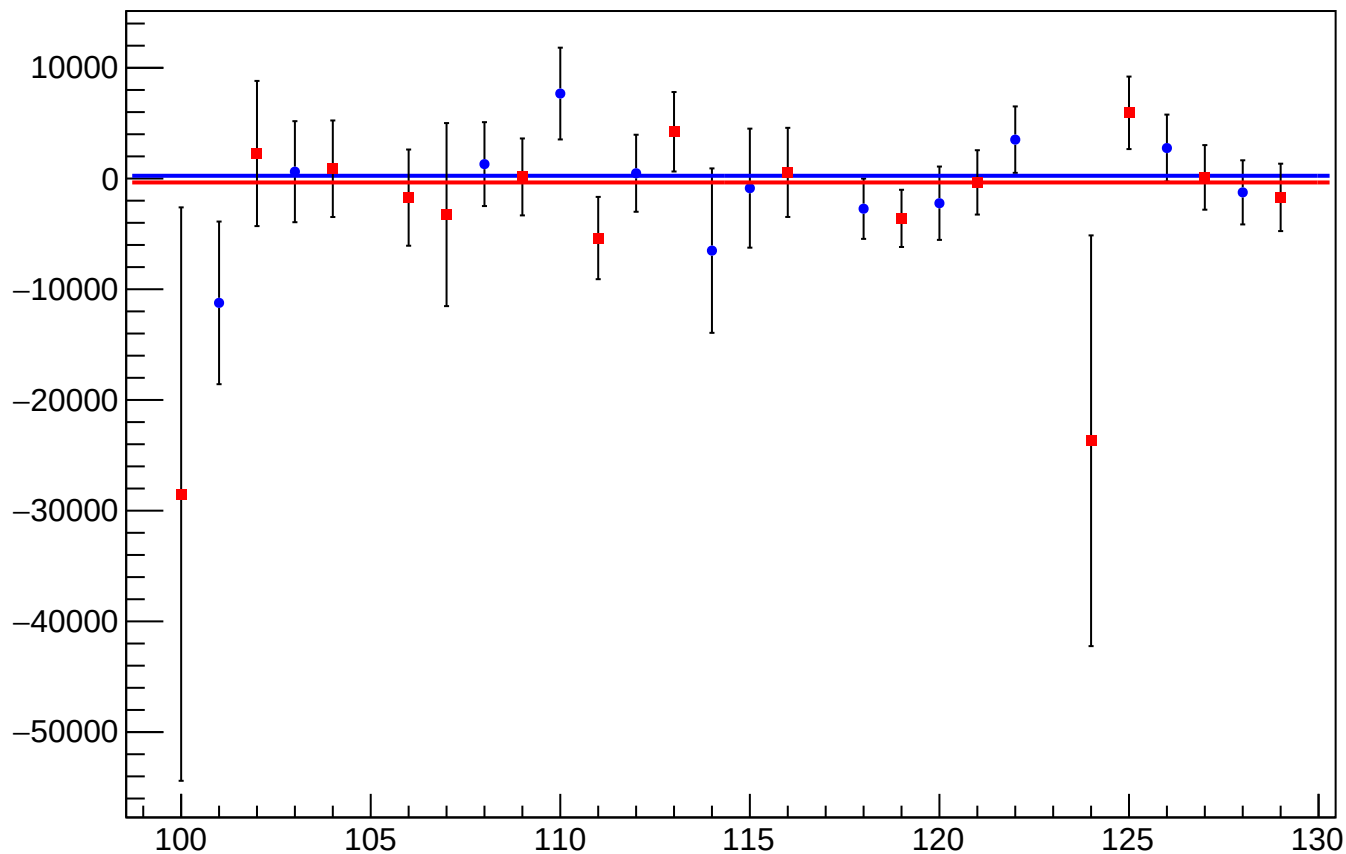
Right: 738.982+/-0.179 χ^2/NDF : 4531112.9/26

In: 733.623+/-0.257 χ^2/NDF : 1786914.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 738.982+/-0.179 χ^2/NDF : 4531112.9/26

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 249.192+/-1056.703 χ^2/NDF : 10.5/11

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

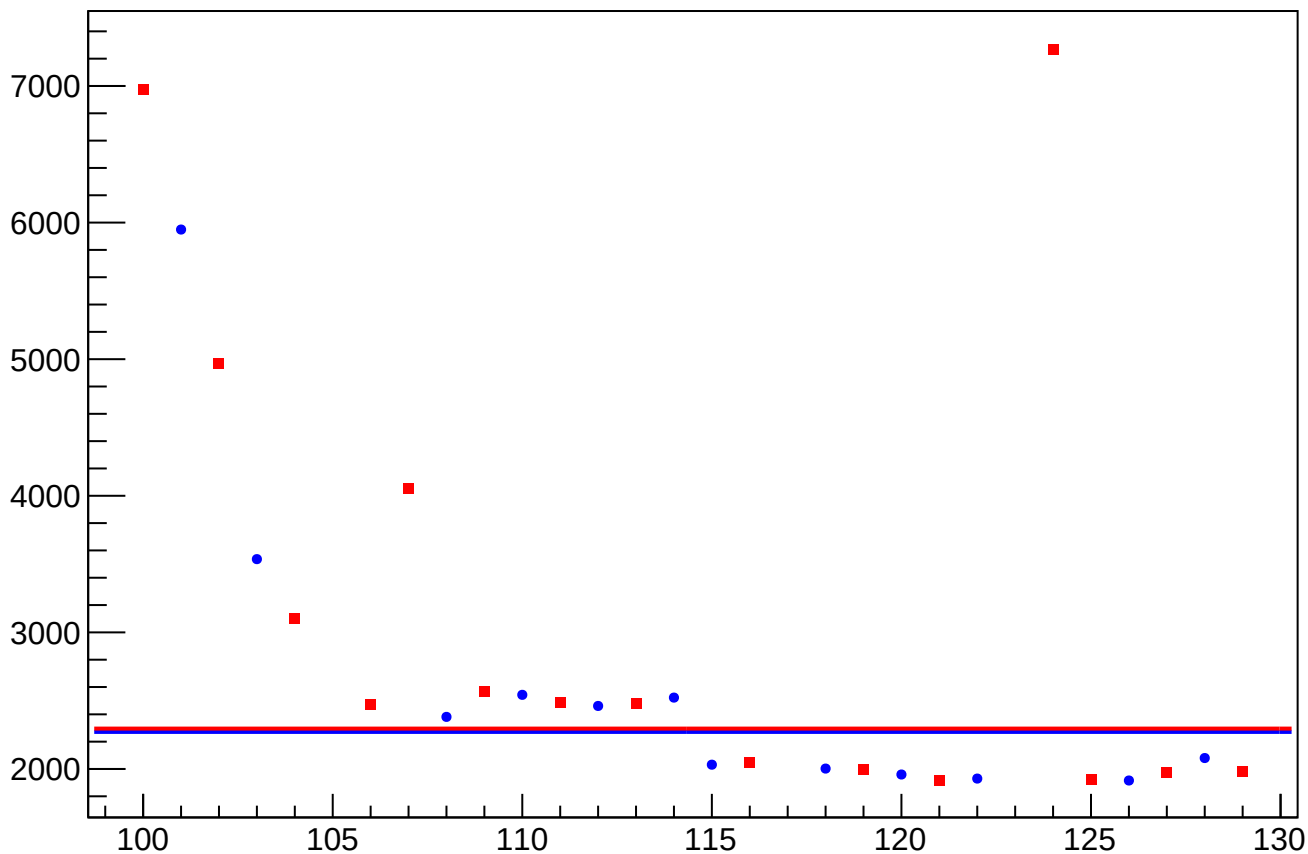
Right: -73.665+/-720.769 χ^2/NDF : 22.9/26

In: 249.192+/-1056.703 χ^2/NDF : 10.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -73.665+/-720.769 χ^2/NDF : 22.9/26

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2271.345+/-0.747 χ^2/NDF : 777041.0/11

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

Right Out: 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

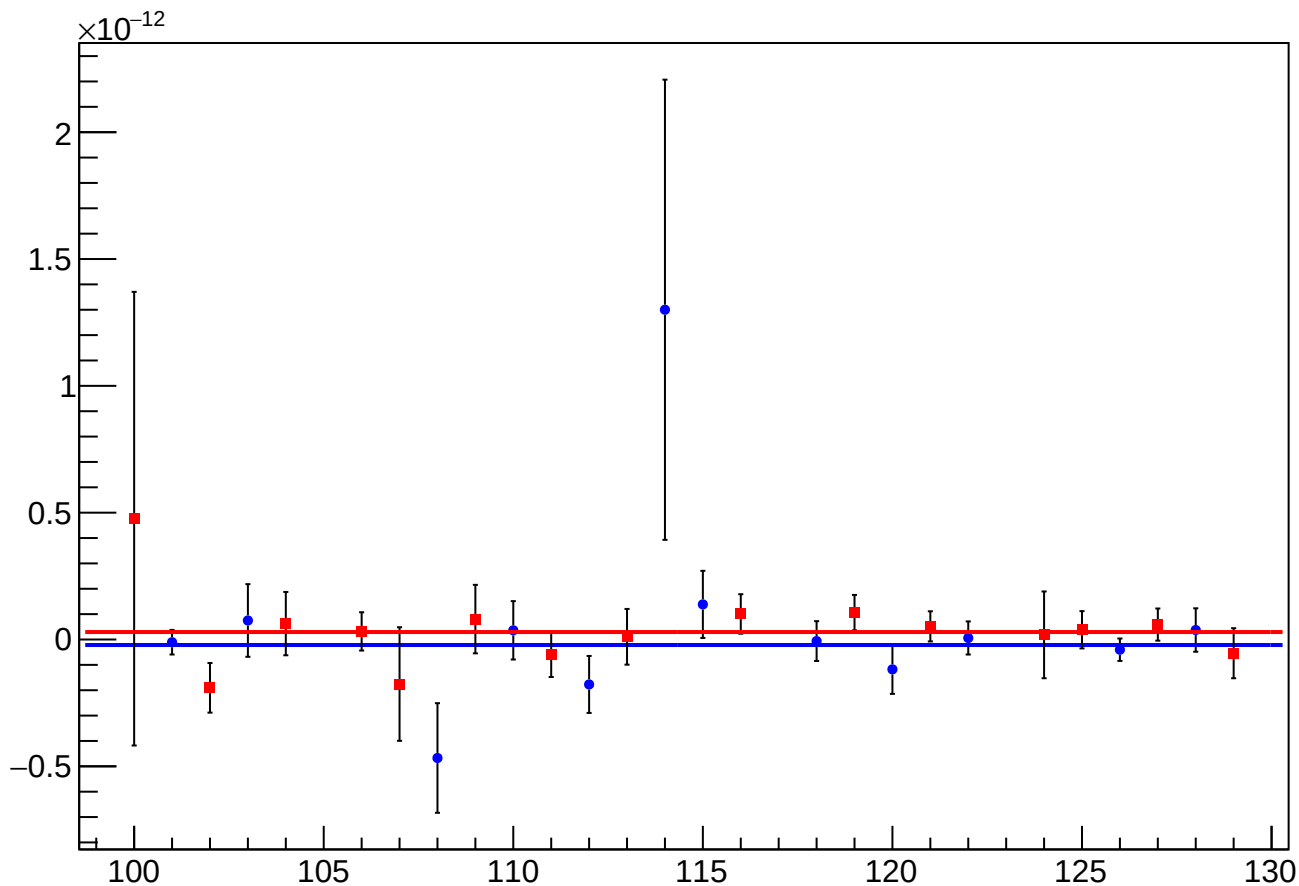
Right: 2284.356+/-0.510 χ^2/NDF : 1643712.8/26

In: 2271.345+/-0.747 χ^2/NDF : 777041.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2284.356+/-0.510 χ^2/NDF : 1643712.8/26

asym_at1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.4/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 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

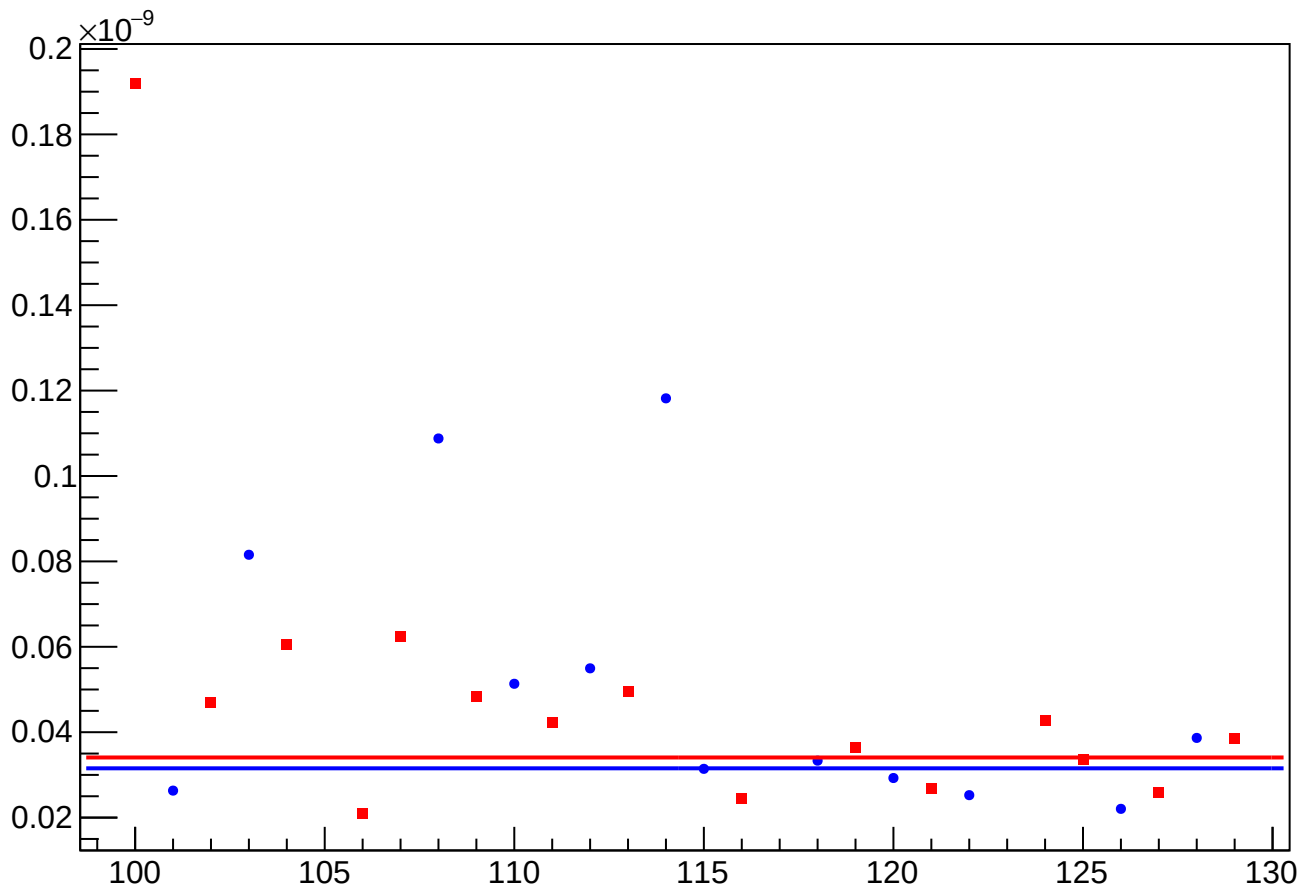
Right: 0.000+/-0.000 χ^2/NDF : 25.3/26

In: -0.000+/-0.000 χ^2/NDF : 12.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.3/26

asym_at1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 813934.8/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 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

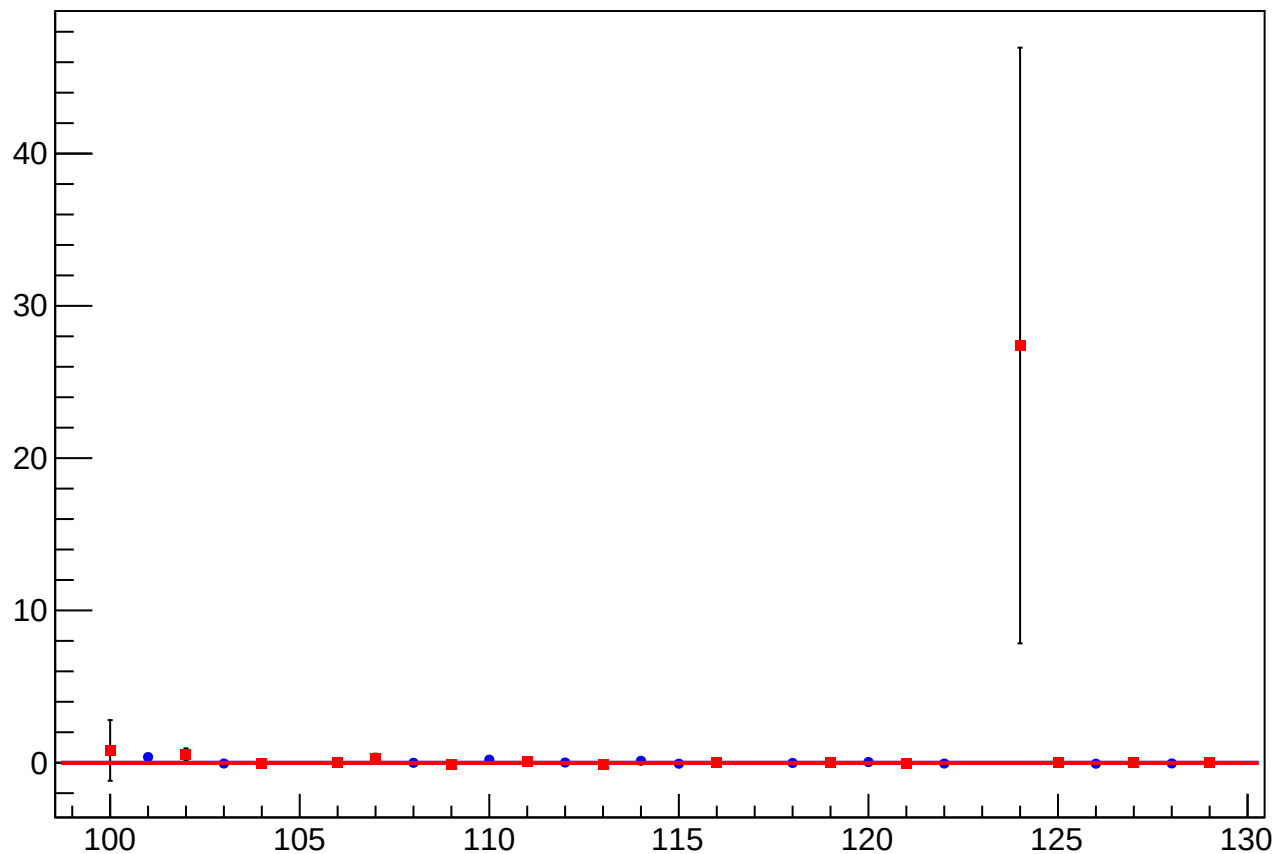
Right: 0.000+/-0.000 χ^2/NDF : 1291521.3/26

In: 0.000+/-0.000 χ^2/NDF :813934.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1291521.3/26

asym_at1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.019 χ^2 /NDF: 17.1/11

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

Right Out: -0.014 $\pm$ 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

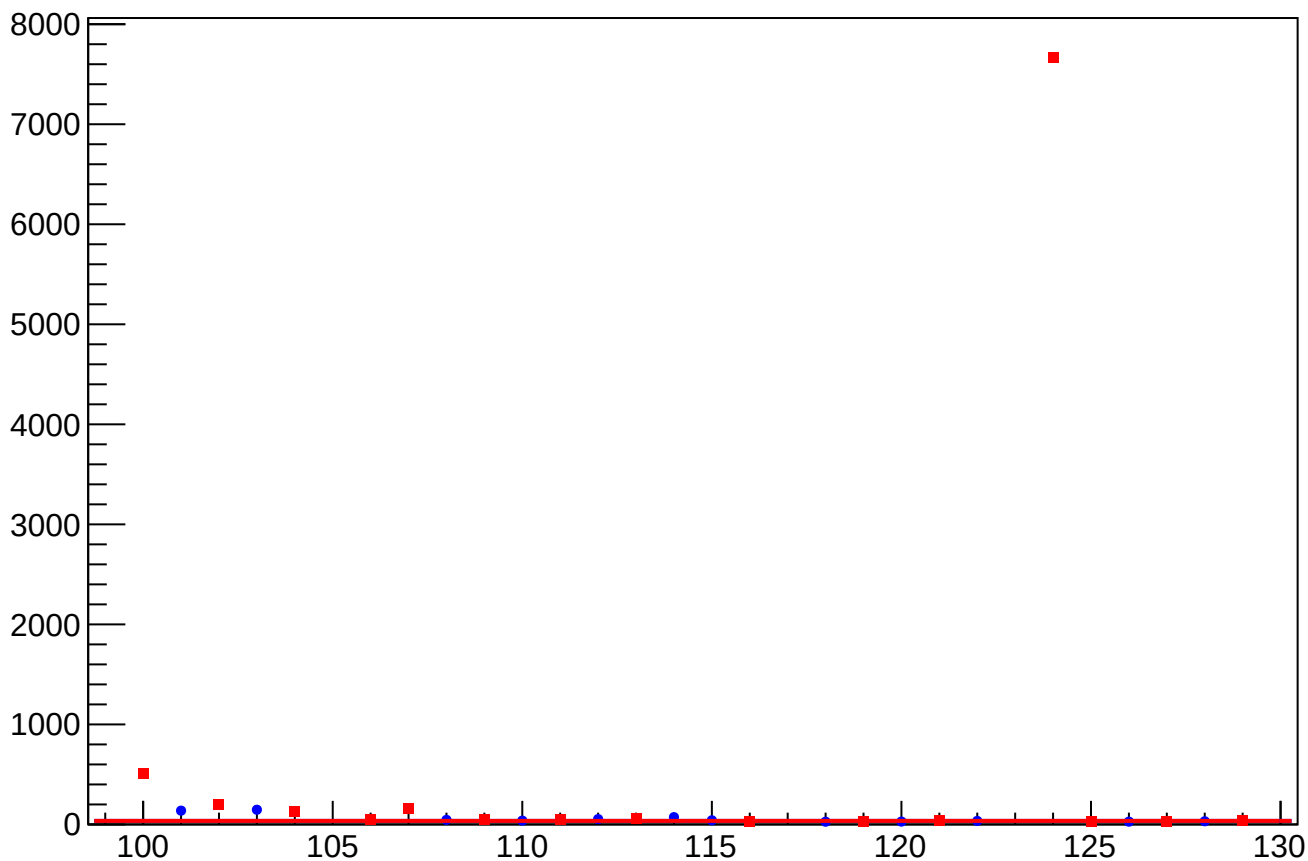
Right: -0.009 $\pm$ 0.013 χ^2 /NDF: 28.7/26

In: -0.005 $\pm$ 0.019 χ^2 /NDF:17.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.013 χ^2 /NDF: 28.7/26

asym_at1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.571+/-0.013 χ^2/NDF : 1649294.7/11

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

Right Out: 35.453+/-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

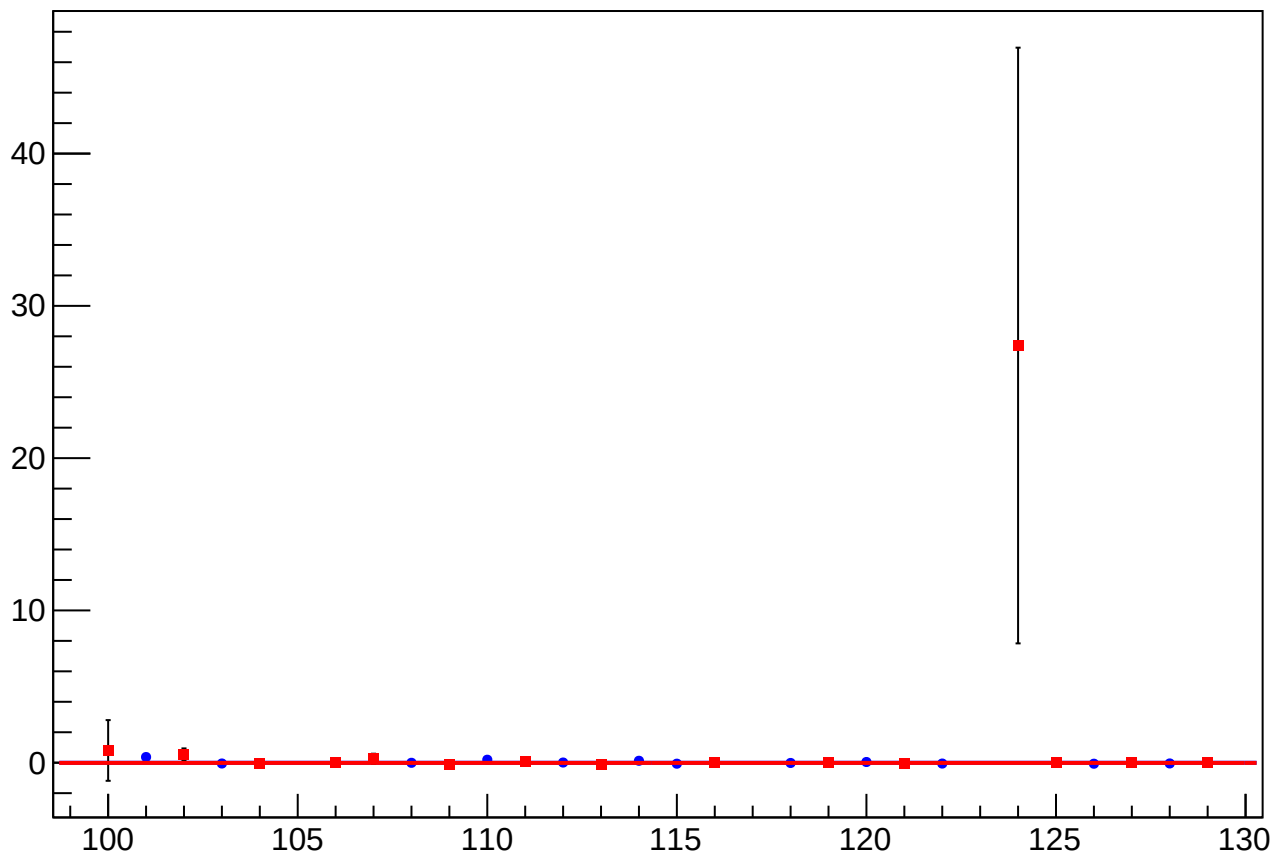
Right: 35.510+/-0.009 χ^2/NDF : 3596941.8/26

In: 35.571+/-0.013 χ^2/NDF :1649294.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 35.510+/-0.009 χ^2/NDF : 3596941.8/26

asym_at1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005+/-0.019 χ^2/NDF : 17.1/11

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

Right Out: -0.014+/-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

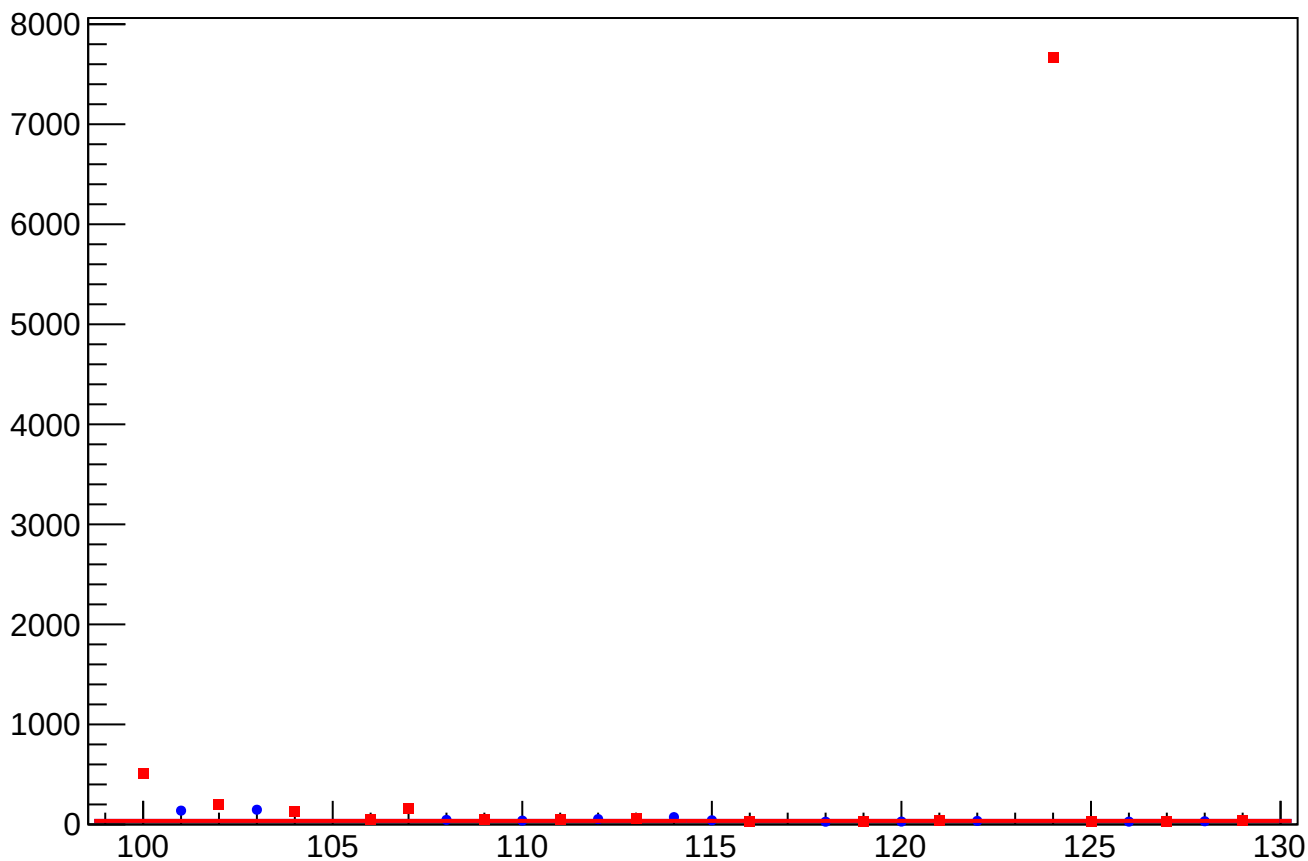
Right: -0.009+/-0.013 χ^2/NDF : 28.7/26

In: -0.005+/-0.019 χ^2/NDF : 17.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.013 χ^2/NDF : 28.7/26

asym_at1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.571+/-0.013 χ^2/NDF : 1649294.7/11

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

Right Out: 35.453+/-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

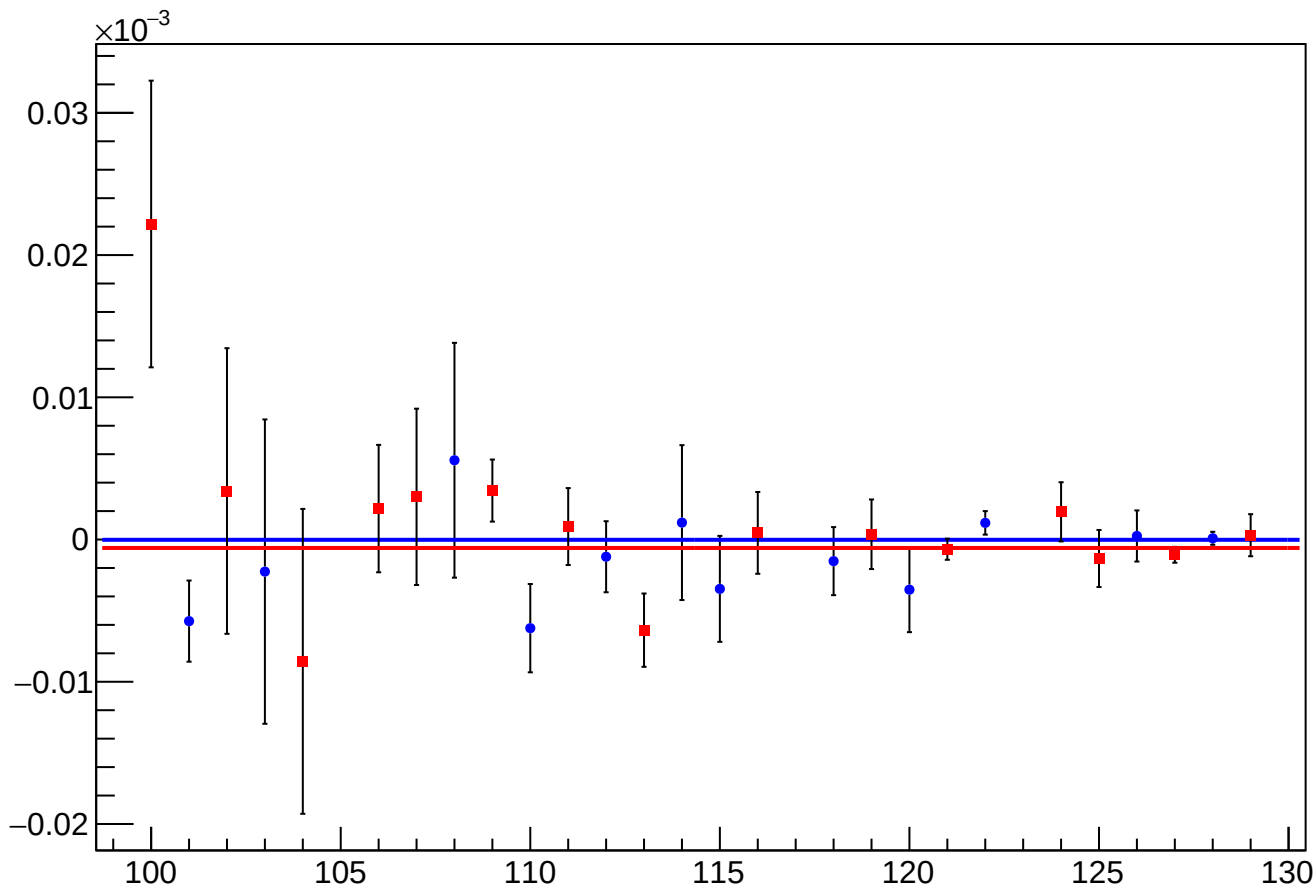
Right: 35.510+/-0.009 χ^2/NDF : 3596941.8/26

In: 35.571+/-0.013 χ^2/NDF :1649294.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 35.510+/-0.009 χ^2/NDF : 3596941.8/26

asym_at1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.6/11

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

Right Out: -0.000+/-0.000 χ^2/NDF : 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

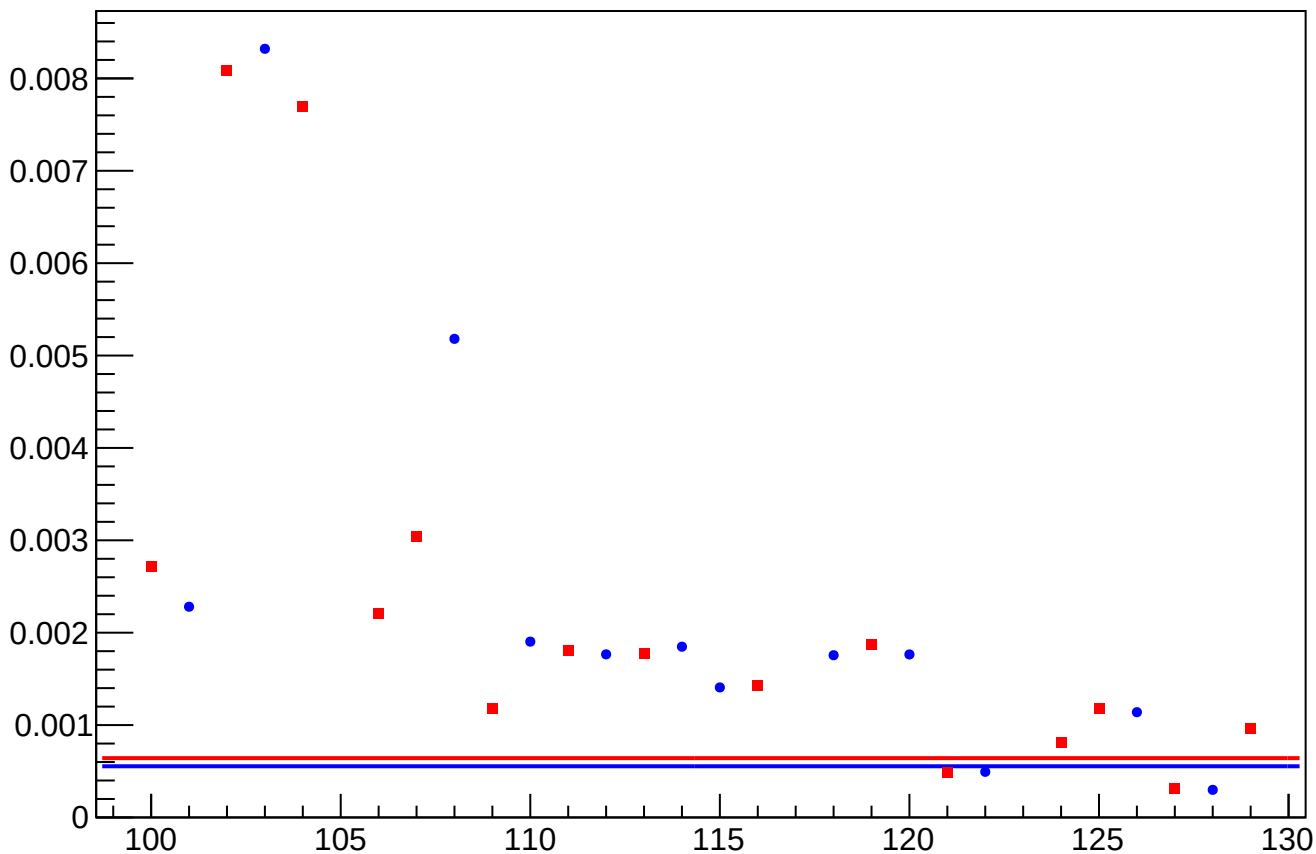
Right: -0.000+/-0.000 χ^2/NDF : 33.1/26

In: -0.000+/-0.000 χ^2/NDF : 13.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.1/26

asym_at1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 5163223.1/11

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

Right Out: 0.001+/-0.000 χ^2/NDF : 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

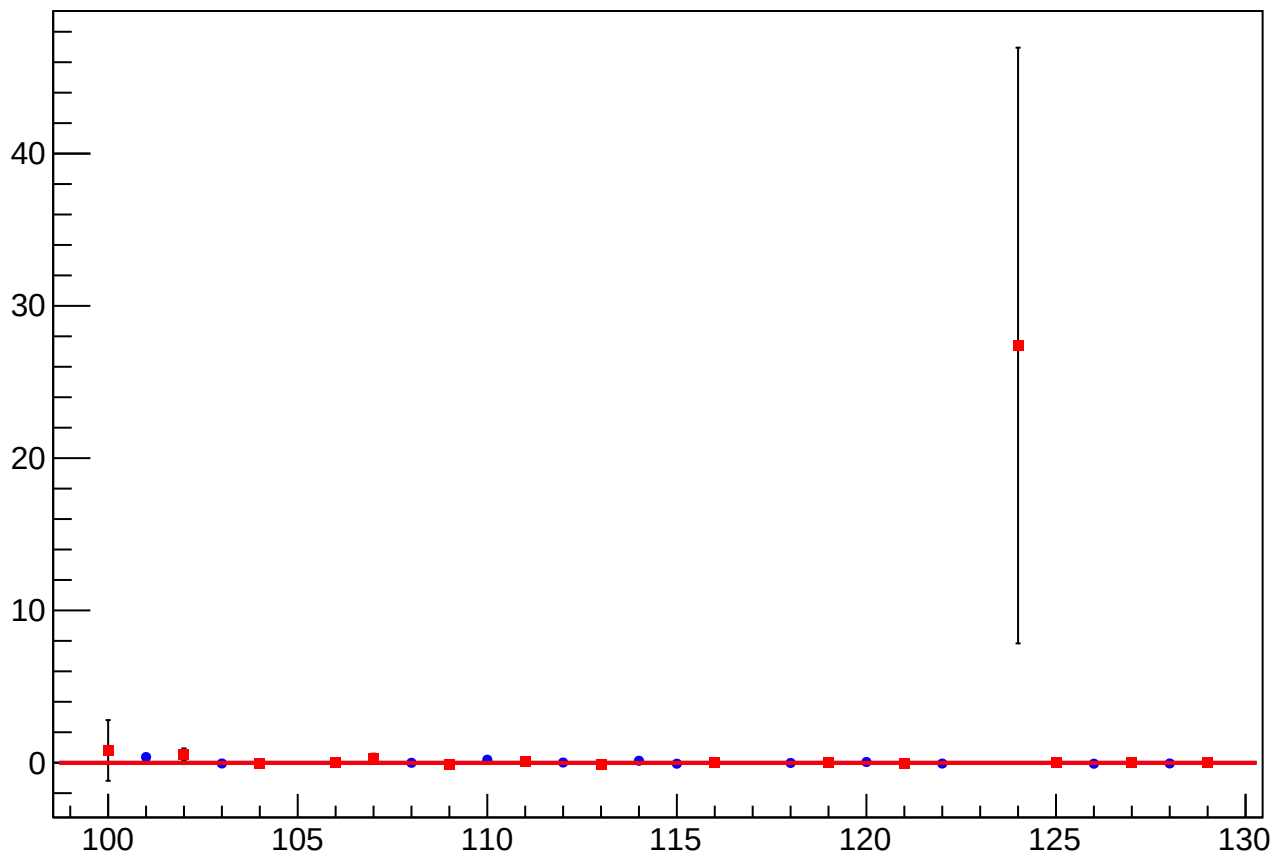
Right: 0.001+/-0.000 χ^2/NDF : 10399920.5/26

In: 0.001+/-0.000 χ^2/NDF :5163223.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 10399920.5/26

asym_at1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005+/-0.019 χ^2/NDF : 17.1/11

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

Right Out: -0.014+/-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

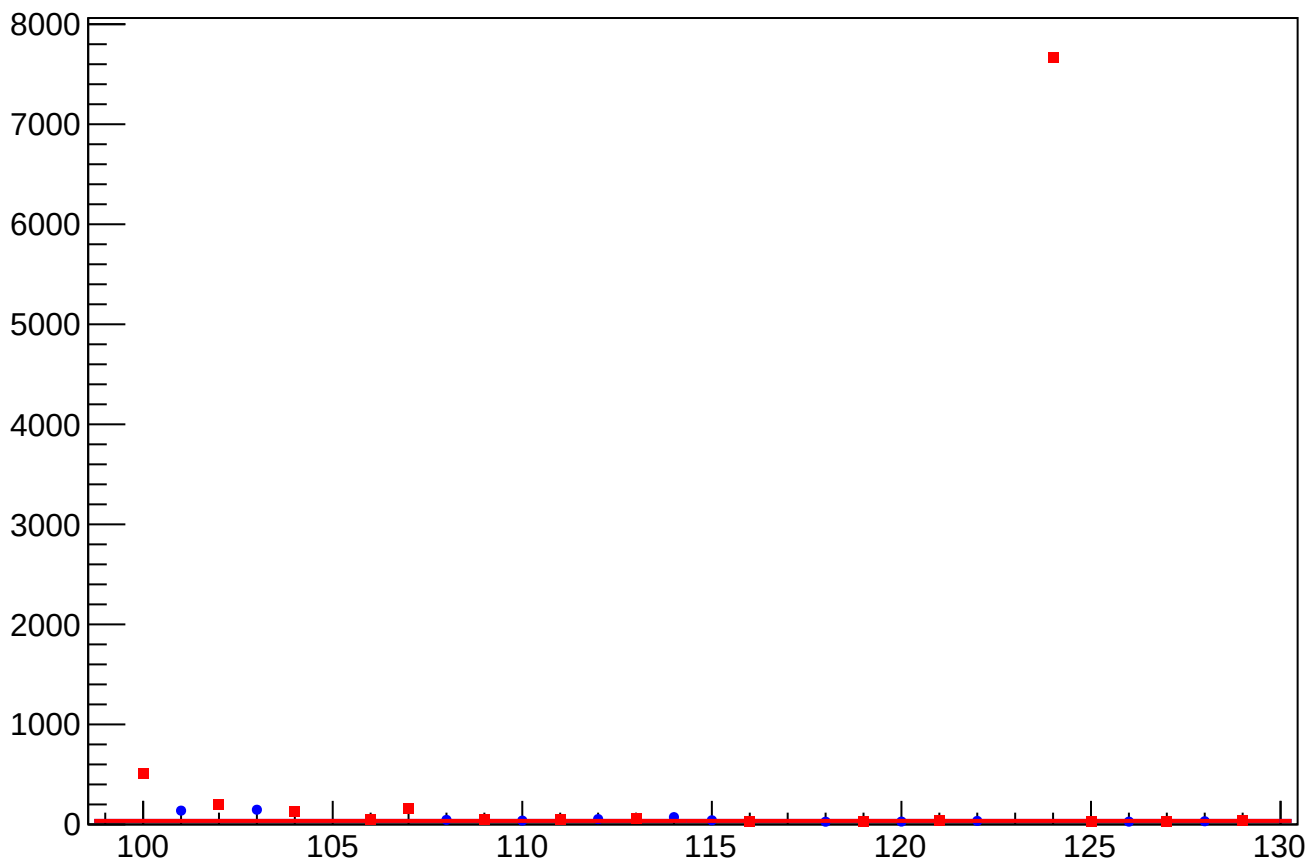
Right: -0.009+/-0.013 χ^2/NDF : 28.7/26

In: -0.005+/-0.019 χ^2/NDF : 17.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.013 χ^2/NDF : 28.7/26

asym_at1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.571+/-0.013 χ^2/NDF : 1649270.0/11

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

Right Out: 35.452+/-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

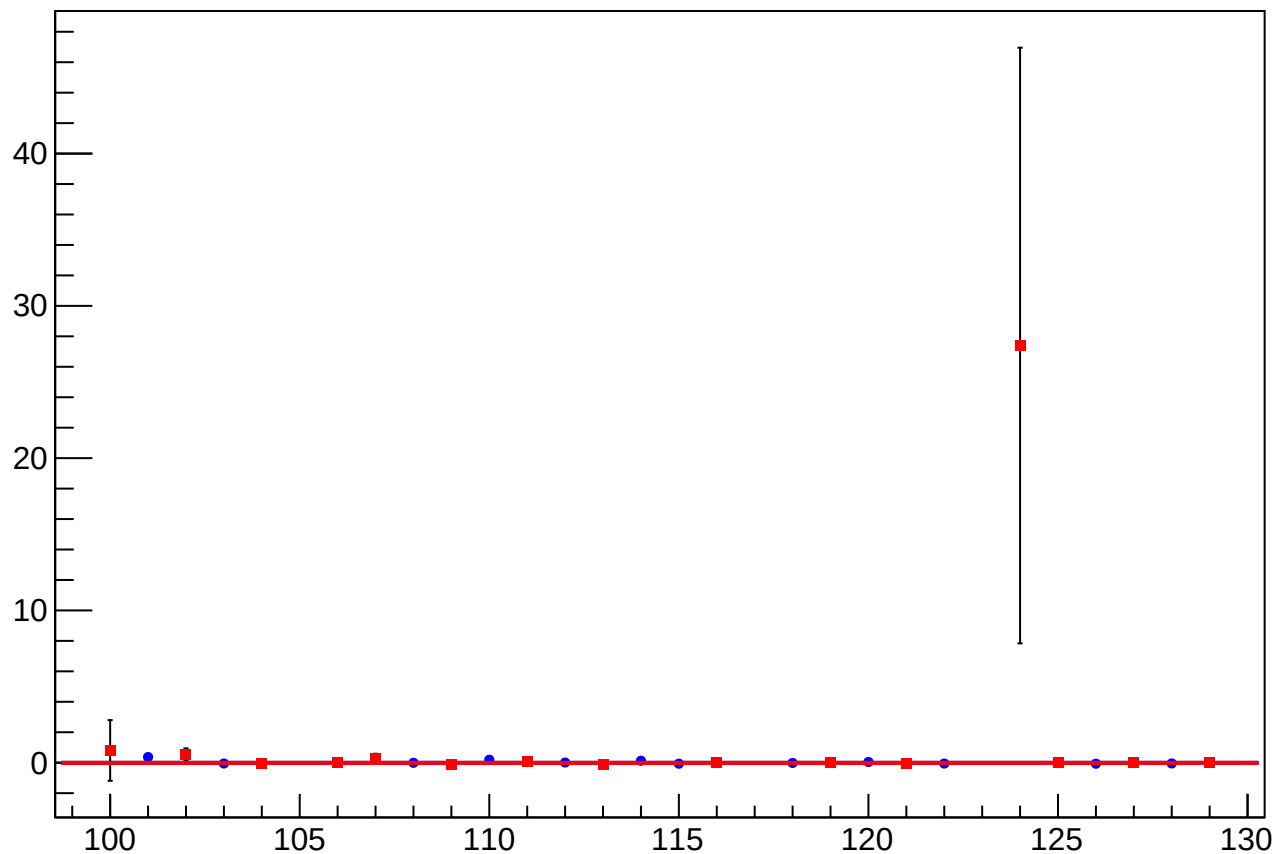
Right: 35.510+/-0.009 χ^2/NDF : 3596908.5/26

In: 35.571+/-0.013 χ^2/NDF : 1649270.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.510+/-0.009 χ^2/NDF : 3596908.5/26

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005+/-0.019 χ^2/NDF : 17.1/11

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

Right Out: -0.014+/-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

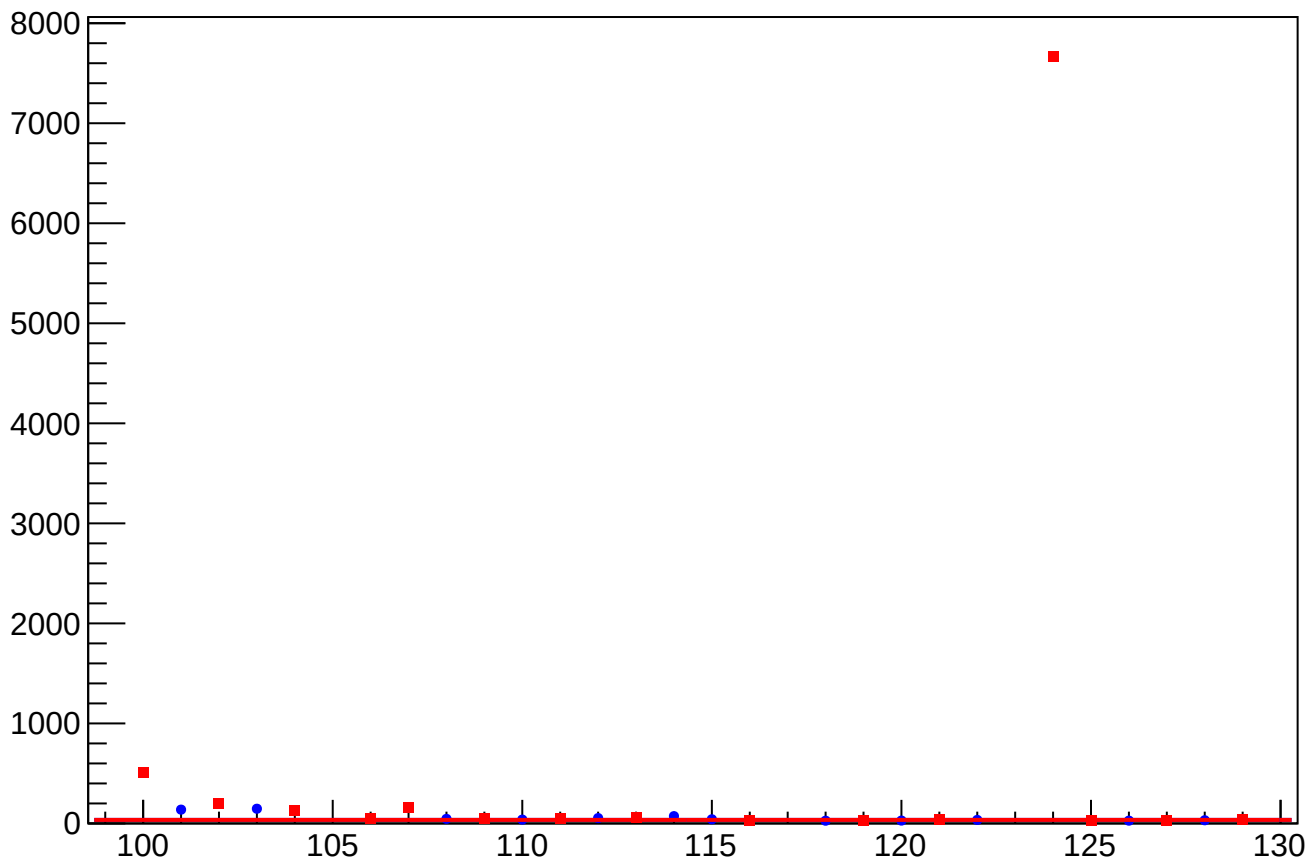
Right: -0.009+/-0.013 χ^2/NDF : 28.7/26

In: -0.005+/-0.019 χ^2/NDF : 17.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.013 χ^2/NDF : 28.7/26

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.571+/-0.013 χ^2/NDF : 1649270.0/11

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

Right Out: 35.452+/-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

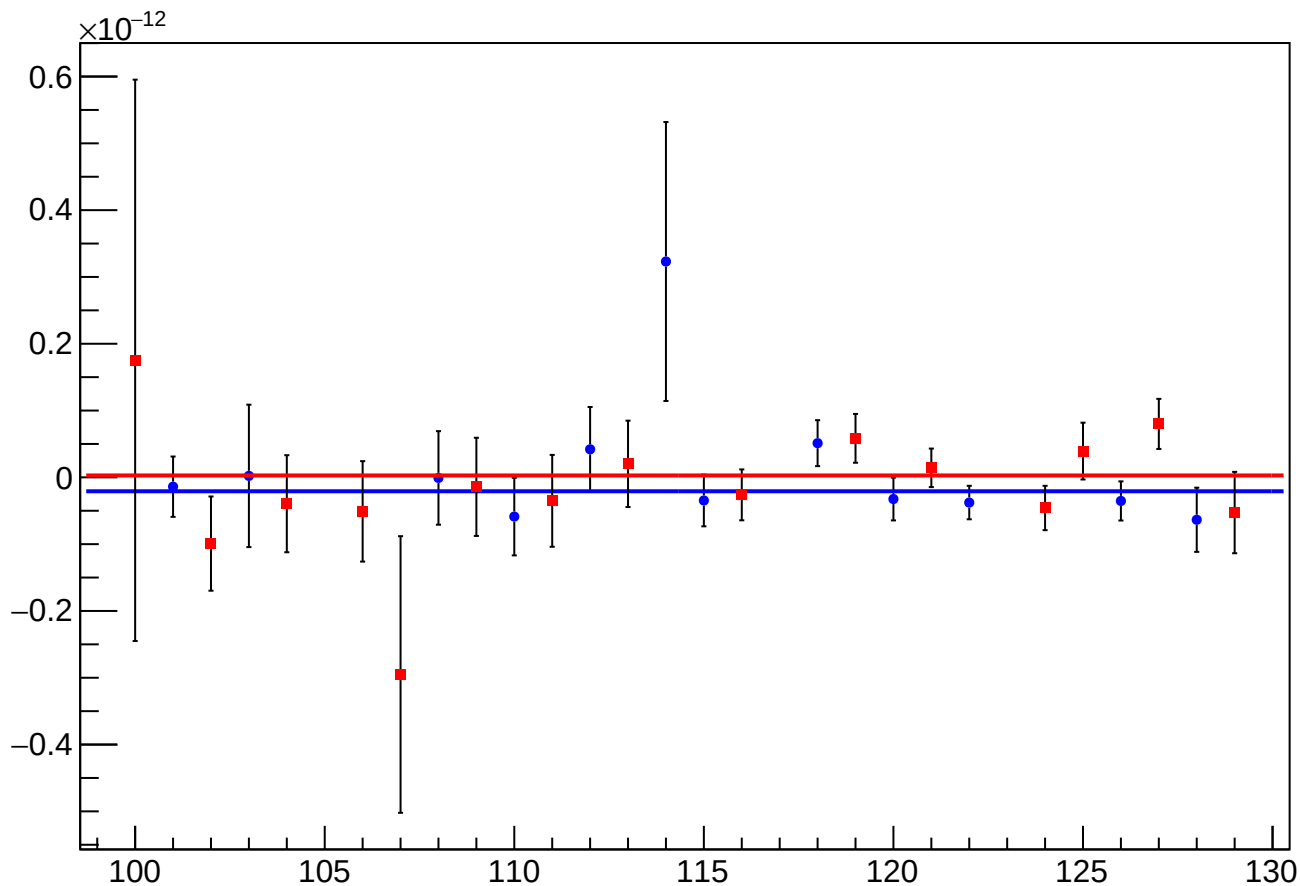
Right: 35.510+/-0.009 χ^2/NDF : 3596908.5/26

In: 35.571+/-0.013 χ^2/NDF : 1649270.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.510+/-0.009 χ^2/NDF : 3596908.5/26

asym_at1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 10.4/11

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

Right Out: 0.000+/-0.000 χ^2 /NDF: 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

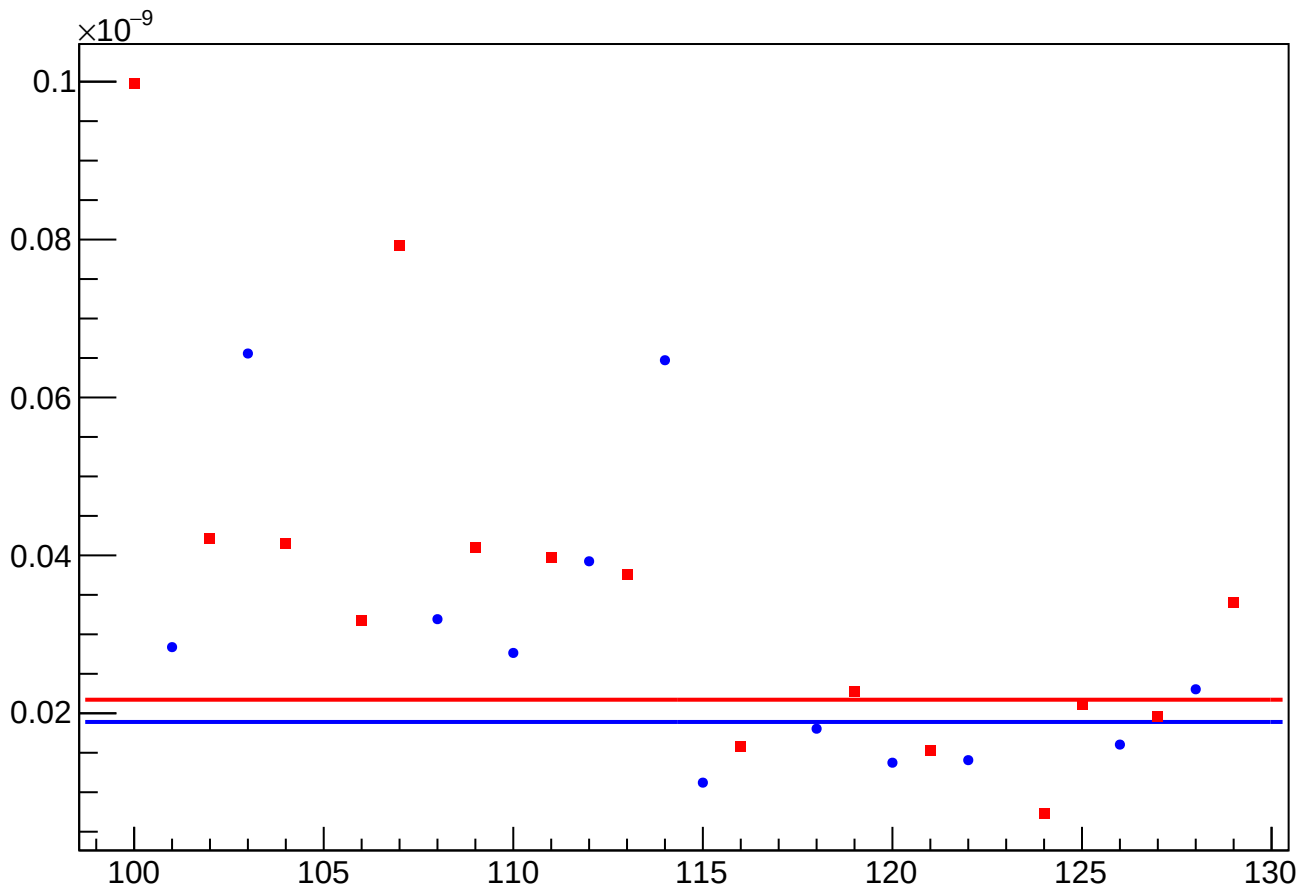
Right: -0.000+/-0.000 χ^2 /NDF: 28.9/26

In: -0.000+/-0.000 χ^2 /NDF:10.4/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 28.9/26

asym_at1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1129258.2/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 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

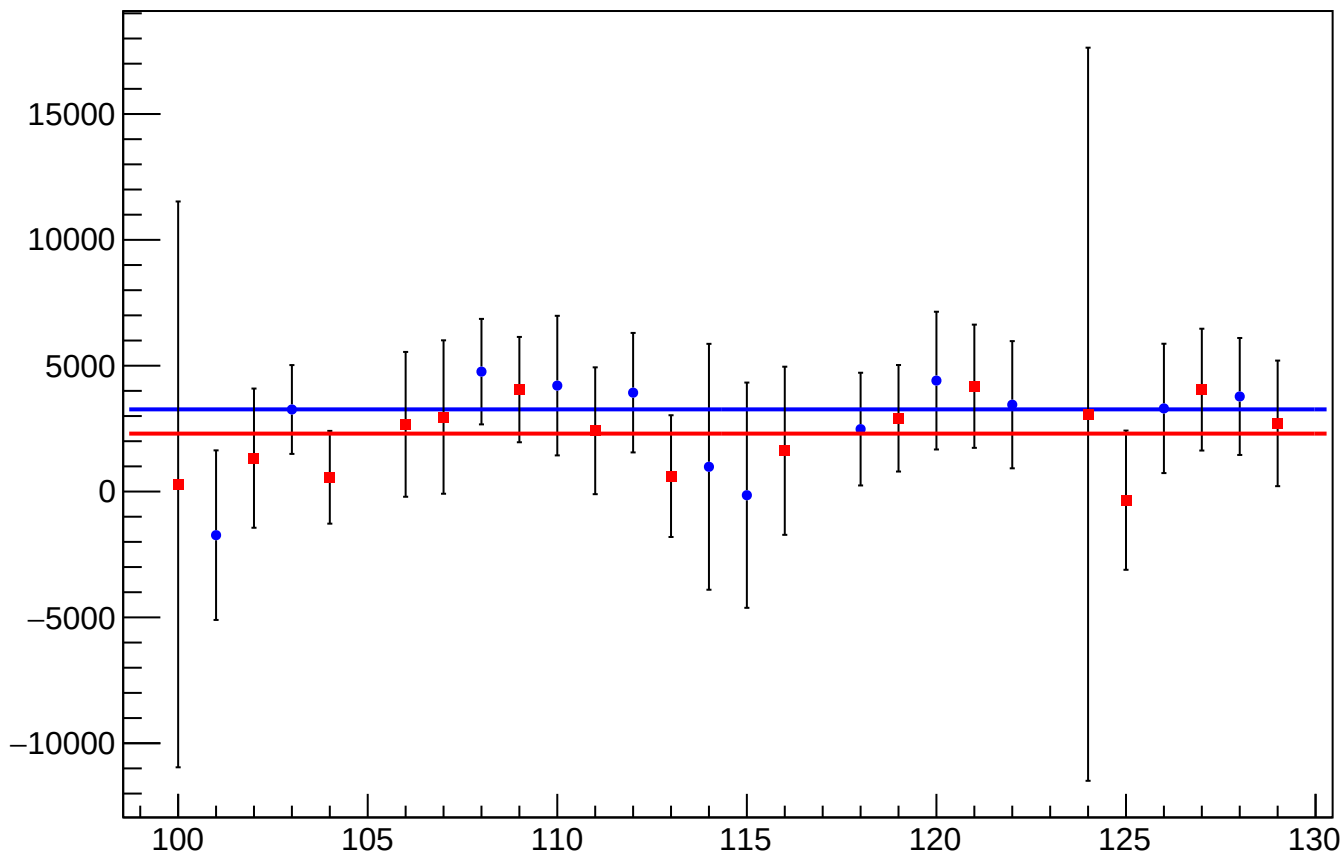
Right: 0.000+/-0.000 χ^2/NDF : 2765715.8/26

In: 0.000+/-0.000 χ^2/NDF : 1129258.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2765715.8/26

reg_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3265.027+/-732.756 χ^2/NDF : 4.1/11

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

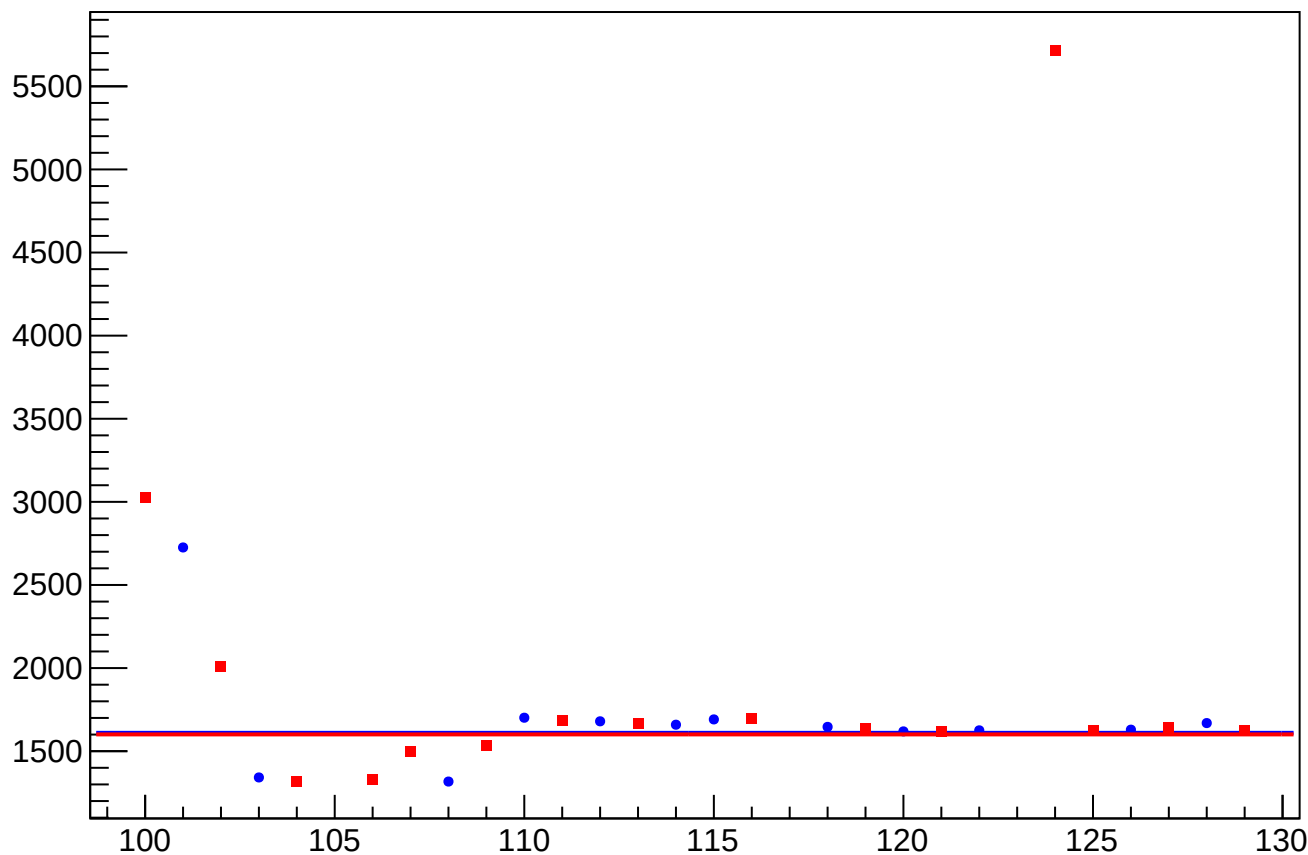
Right: 2747.259+/-498.292 χ^2/NDF : 9.5/26

In: 3265.027+/-732.756 χ^2/NDF : 4.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2747.259+/-498.292 χ^2/NDF : 9.5/26

reg_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1610.341+/-0.518 χ^2/NDF : 311250.8/11

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

Right Out: 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

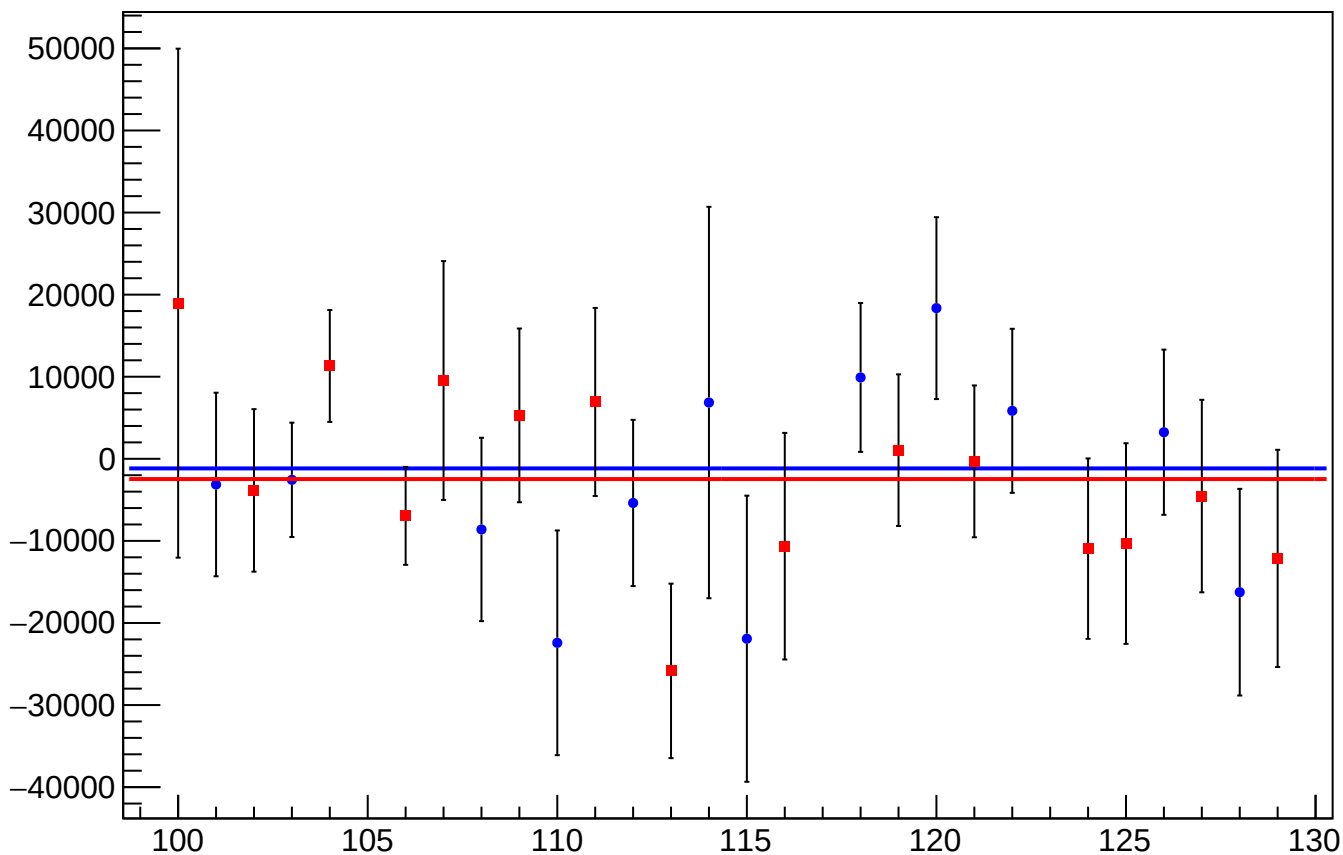
Right: 1605.304+/-0.352 χ^2/NDF : 622266.4/26

In: 1610.341+/-0.518 χ^2/NDF : 311250.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1605.304+/-0.352 χ^2/NDF : 622266.4/26

asym_at2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1170.428+/-3111.574 χ^2/NDF : 11.3/11

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

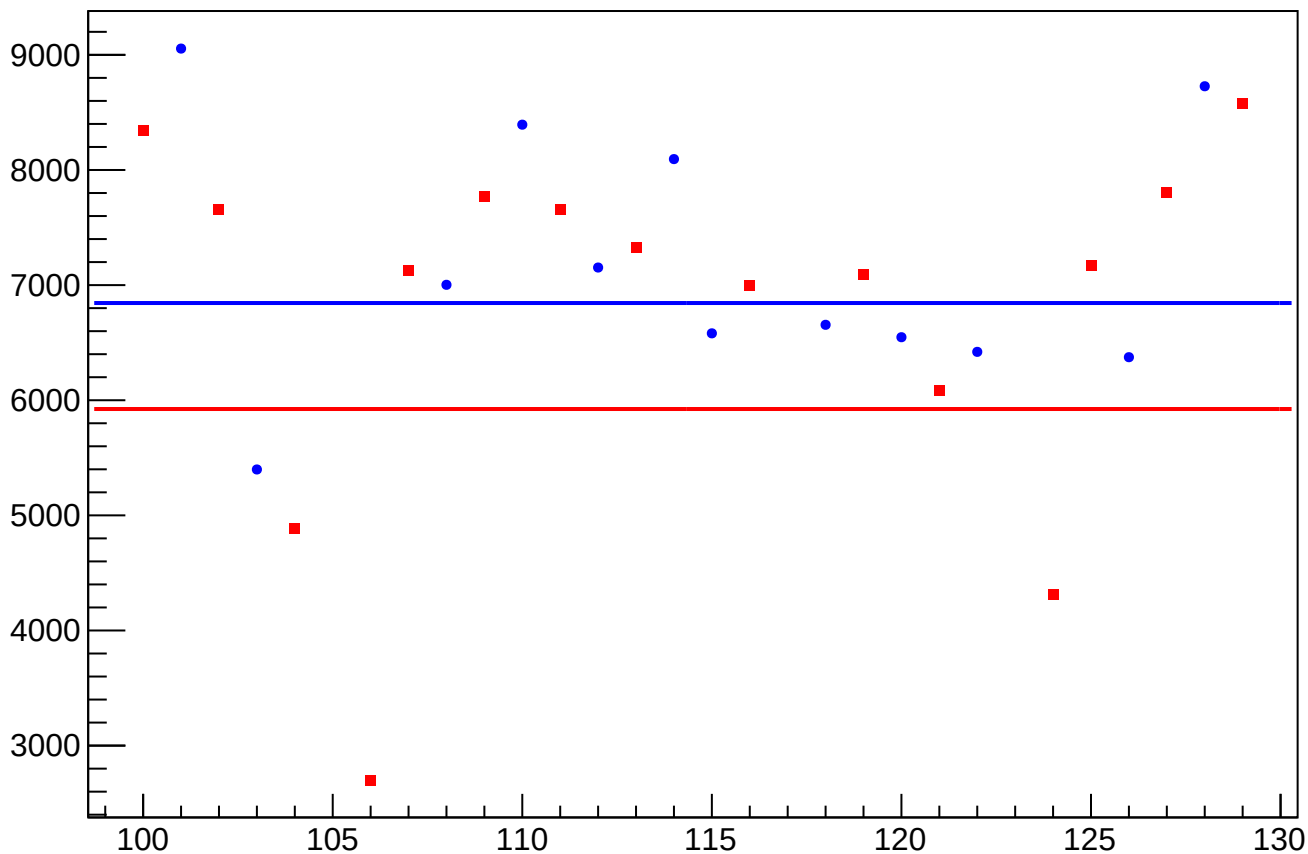
Right: -1934.191+/-1996.329 χ^2/NDF : 25.4/26

In: -1170.428+/-3111.574 χ^2/NDF : 11.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1934.191+/-1996.329 χ^2/NDF : 25.4/26

asym_at2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 6844.435+/-2.200 χ^2/NDF : 253208.6/11

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

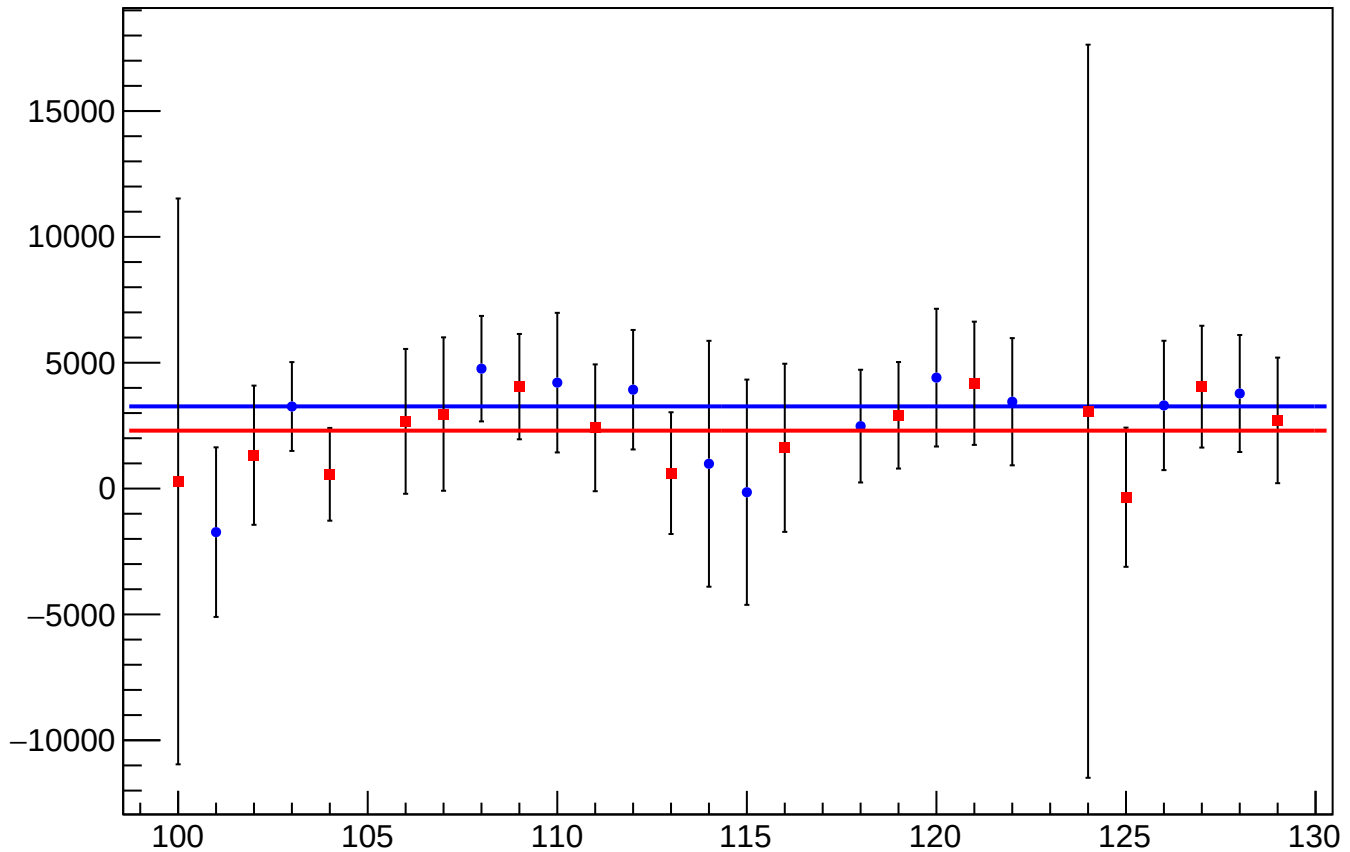
Right: 6302.768+/-1.412 χ^2/NDF : 1456249.9/26

In: 6844.435+/-2.200 χ^2/NDF :253208.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6302.768+/-1.412 χ^2/NDF : 1456249.9/26

cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3265.203+/-732.756 χ^2/NDF : 4.1/11

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

Right Out: 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

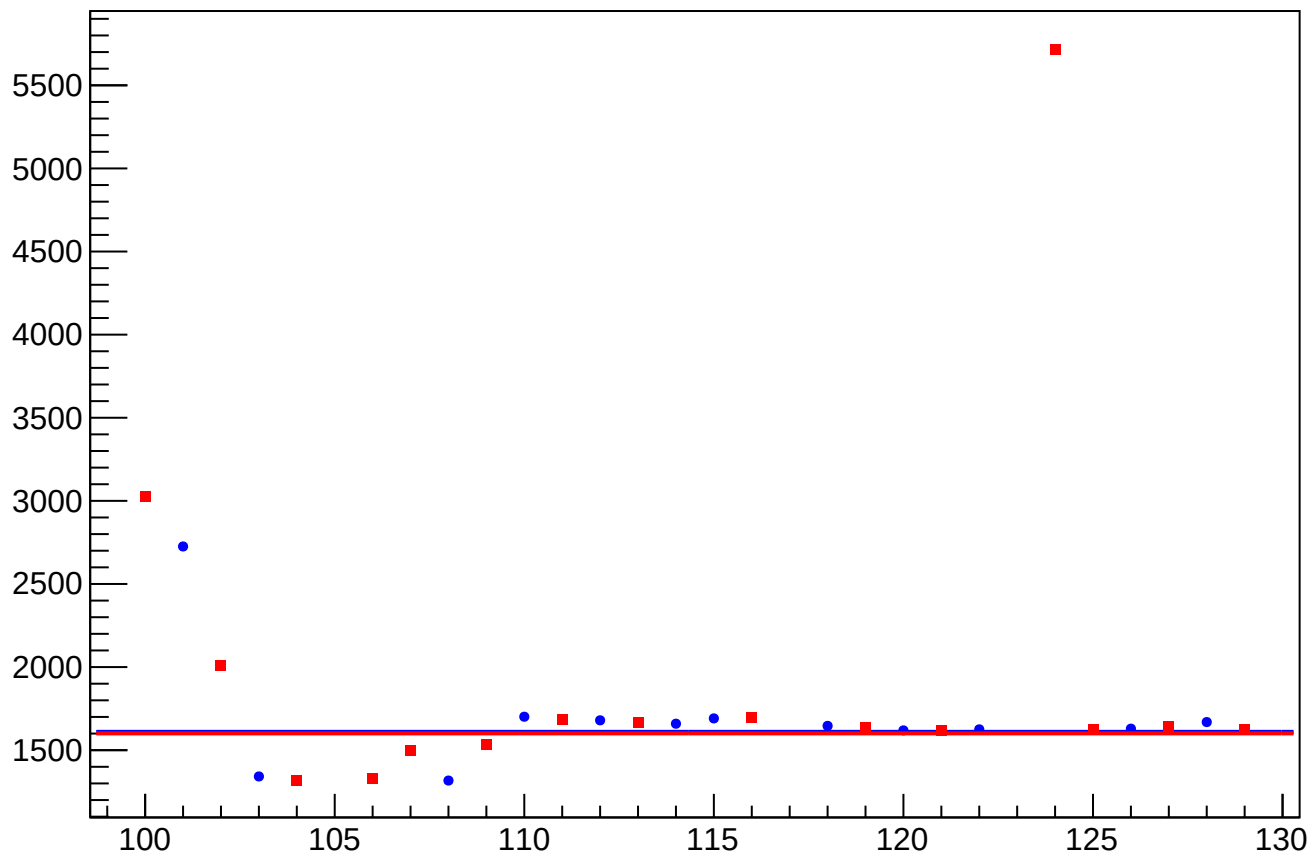
Right: 2747.227+/-498.292 χ^2/NDF : 9.5/26

In: 3265.203+/-732.756 χ^2/NDF : 4.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2747.227+/-498.292 χ^2/NDF : 9.5/26

cor_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1610.341+/-0.518 χ^2/NDF : 311251.0/11

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

Right Out: 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

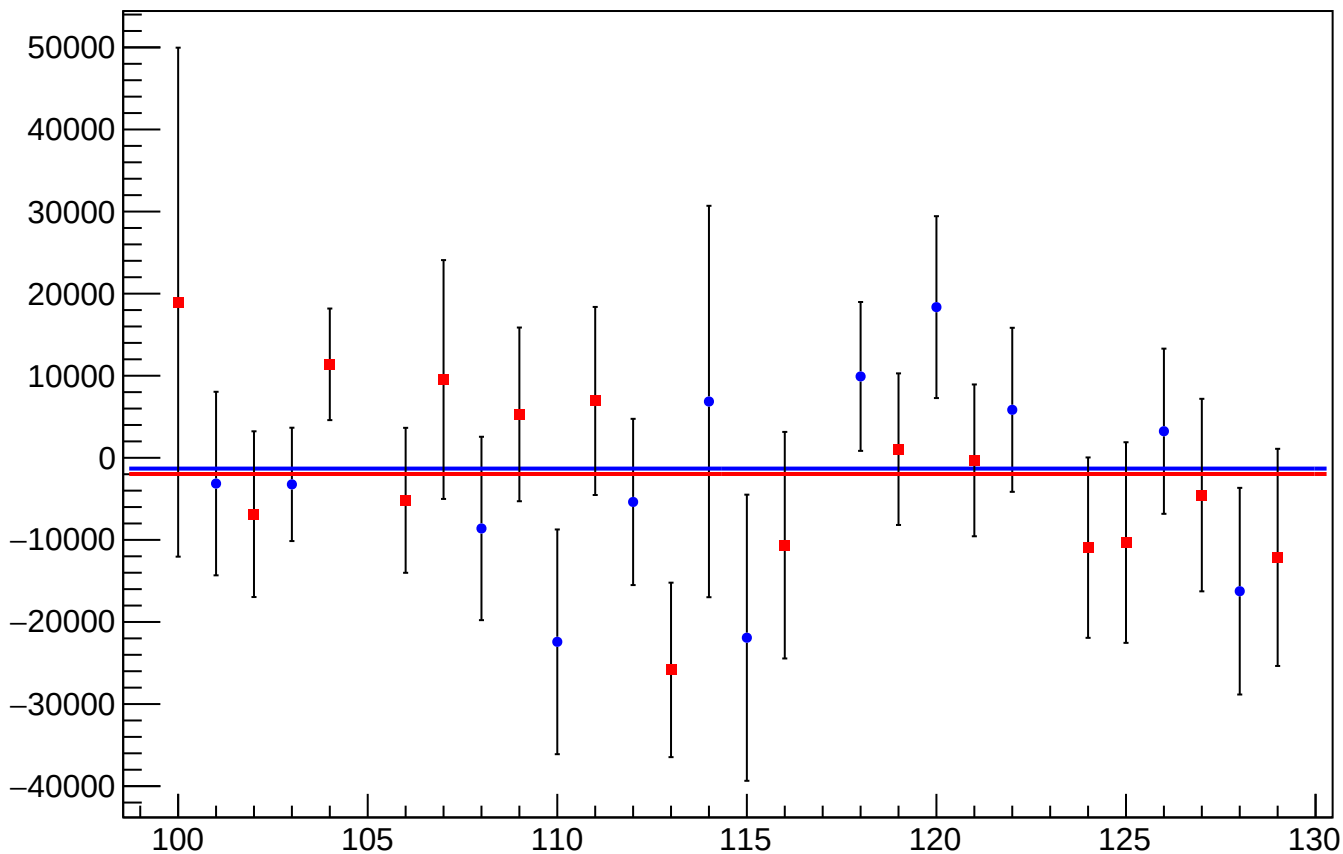
Right: 1605.304+/-0.352 χ^2/NDF : 622266.5/26

In: 1610.341+/-0.518 χ^2/NDF : 311251.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1605.304+/-0.352 χ^2/NDF : 622266.5/26

asym_at2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1312.690+/-3106.233 χ^2/NDF : 11.4/11

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

Right Out: -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

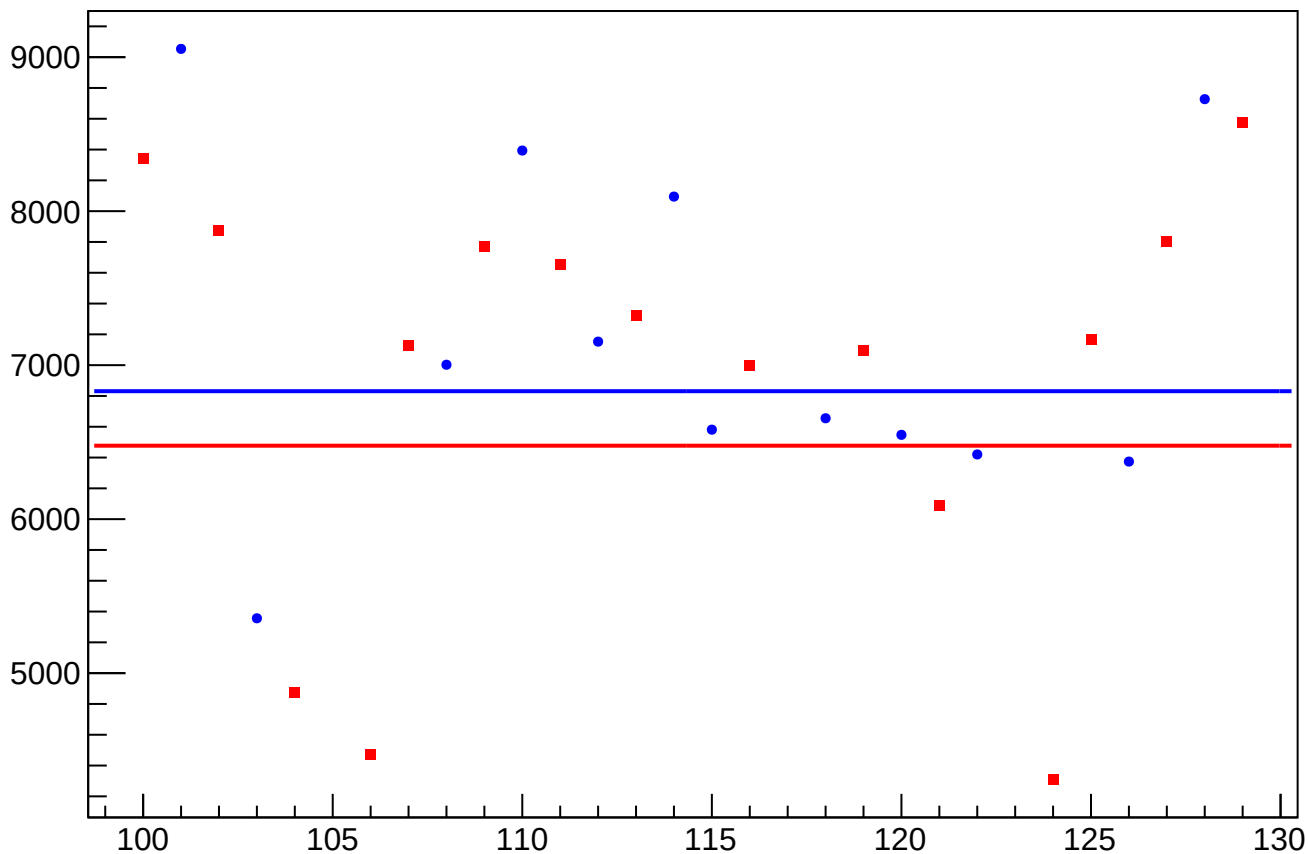
Right: -1682.207+/-2059.657 χ^2/NDF : 25.2/26

In: -1312.690+/-3106.233 χ^2/NDF : 11.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1682.207+/-2059.657 χ^2/NDF : 25.2/26

asym_at2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 6830.890+/-2.196 χ^2/NDF : 259815.6/11

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

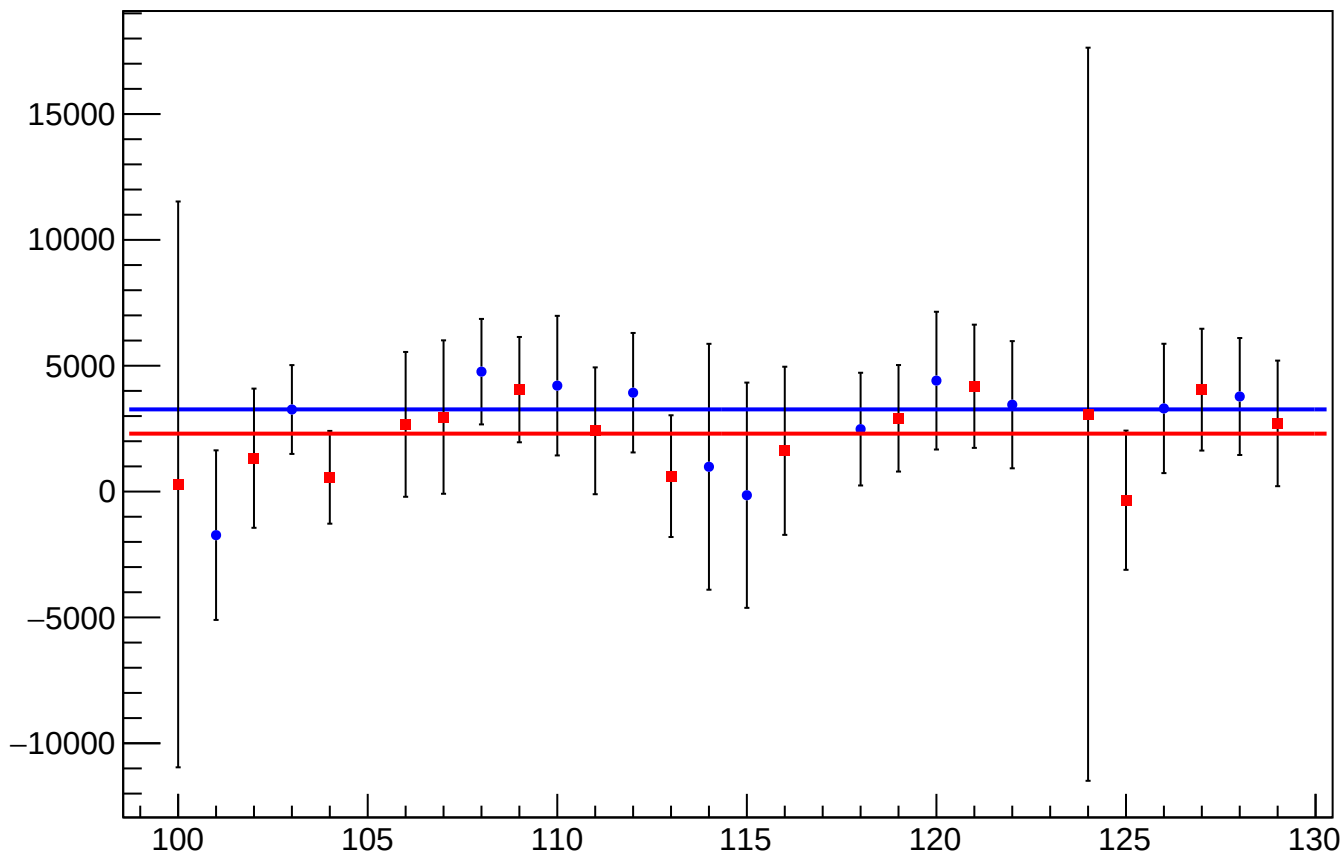
Right: 6632.628+/-1.456 χ^2/NDF : 778070.5/26

In: 6830.890+/-2.196 χ^2/NDF :259815.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6632.628+/-1.456 χ^2/NDF : 778070.5/26

eigen_cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3265.203+/-732.756 χ^2/NDF : 4.1/11

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

Right Out: 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

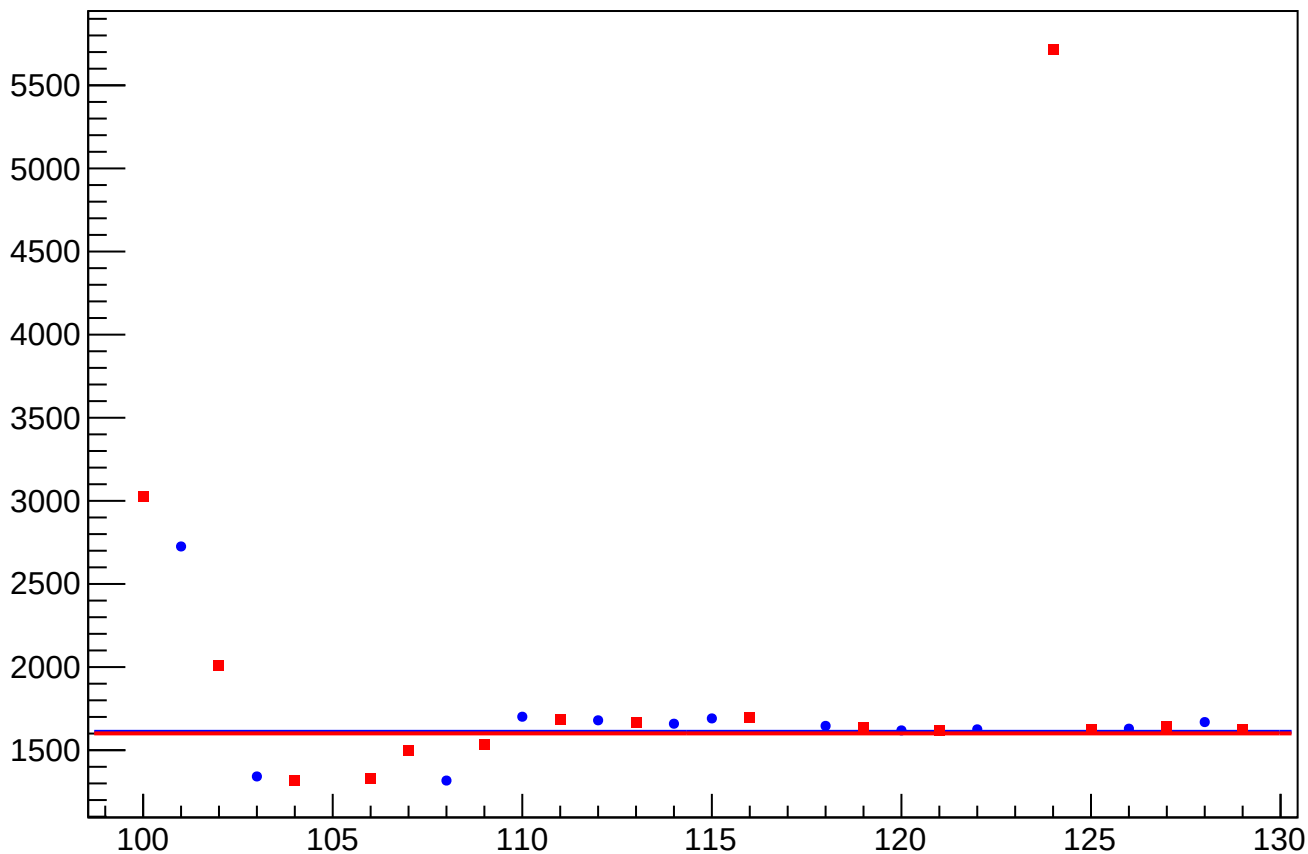
Right: 2747.227+/-498.292 χ^2/NDF : 9.5/26

In: 3265.203+/-732.756 χ^2/NDF : 4.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2747.227+/-498.292 χ^2/NDF : 9.5/26

eigen_cor_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1610.341+/-0.518 χ^2/NDF : 311251.0/11

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

Right Out: 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

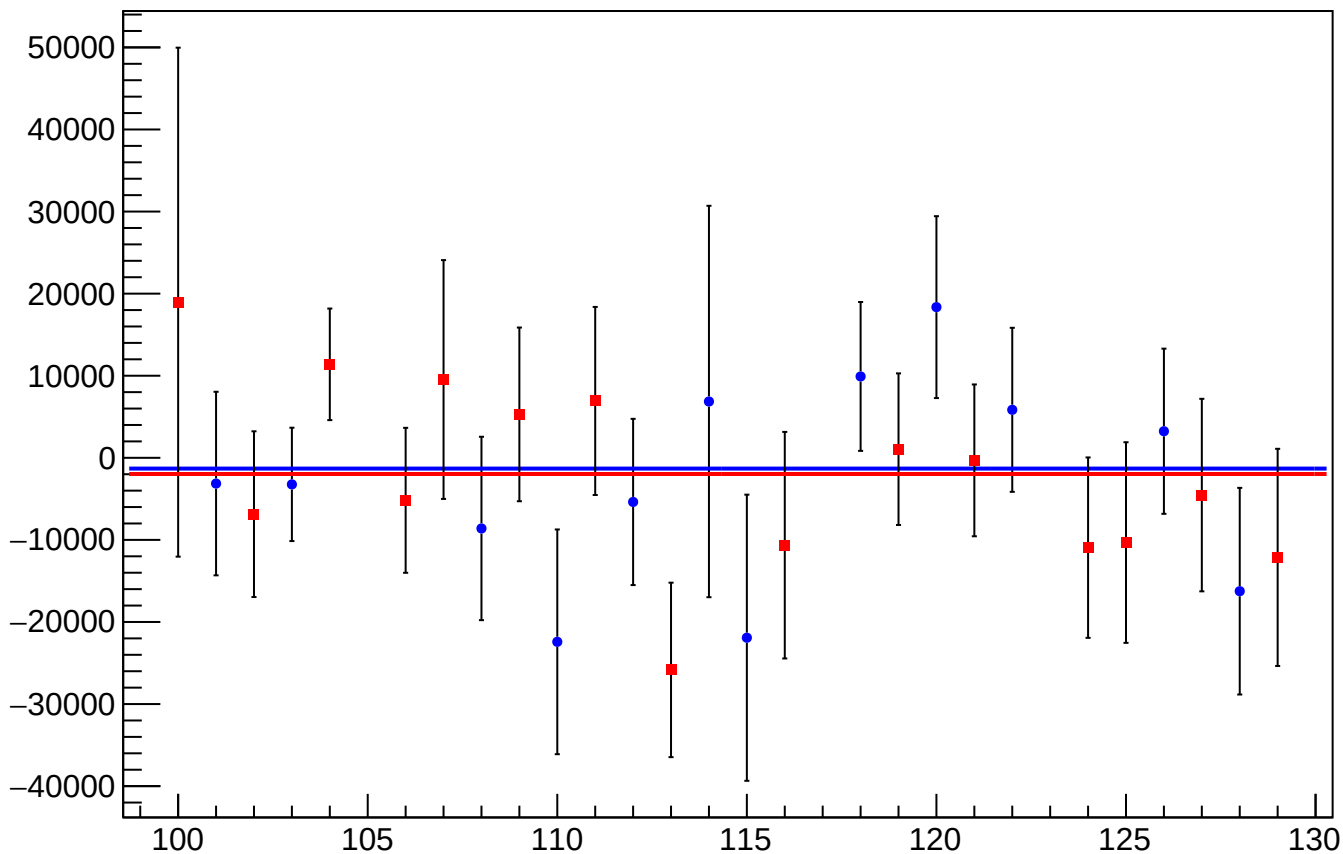
Right: 1605.304+/-0.352 χ^2/NDF : 622266.5/26

In: 1610.341+/-0.518 χ^2/NDF : 311251.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1605.304+/-0.352 χ^2/NDF : 622266.5/26

asym_at2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1312.690+/-3106.233 χ^2/NDF : 11.4/11

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

Right Out: -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

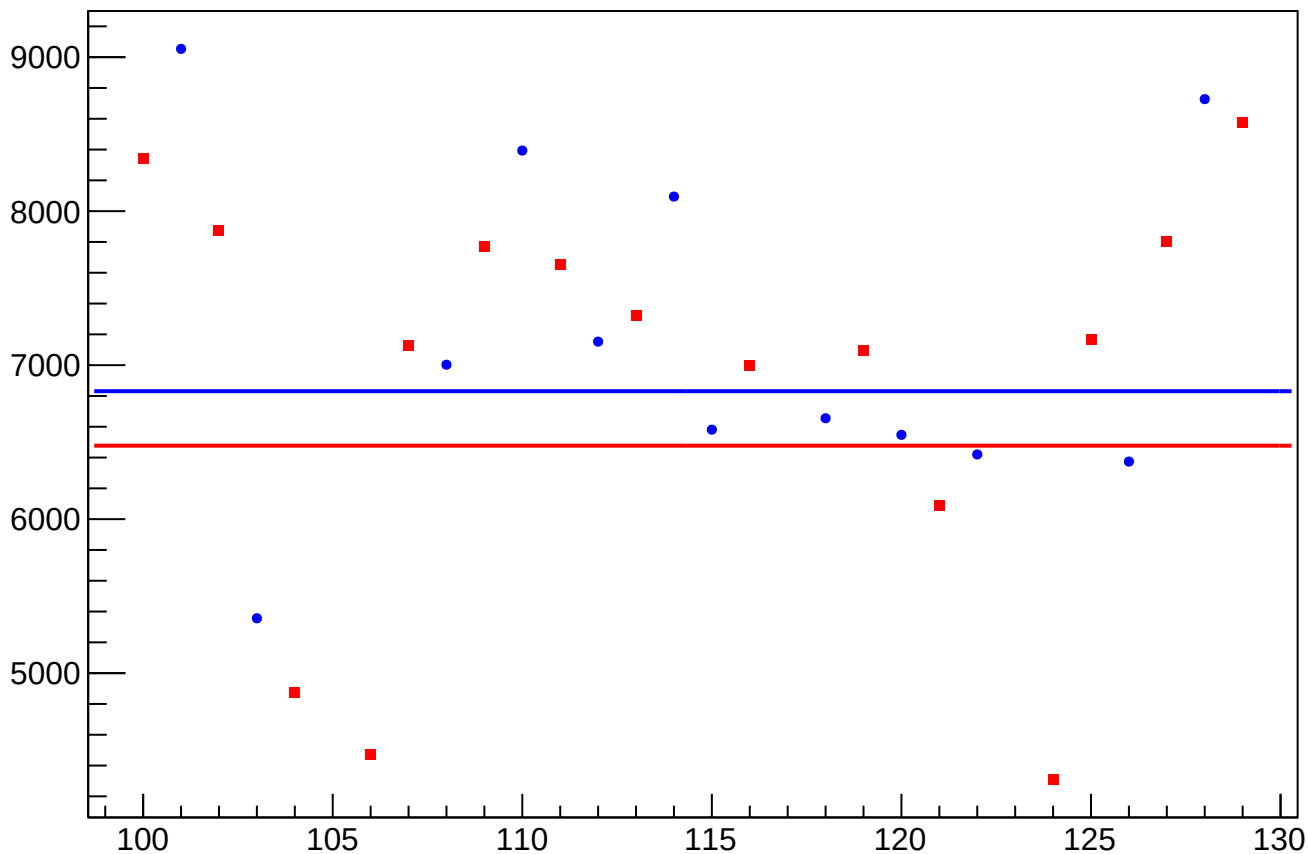
Right: -1682.207+/-2059.657 χ^2/NDF : 25.2/26

In: -1312.690+/-3106.233 χ^2/NDF : 11.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1682.207+/-2059.657 χ^2/NDF : 25.2/26

asym_at2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 6830.890+/-2.196 χ^2/NDF : 259815.6/11

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

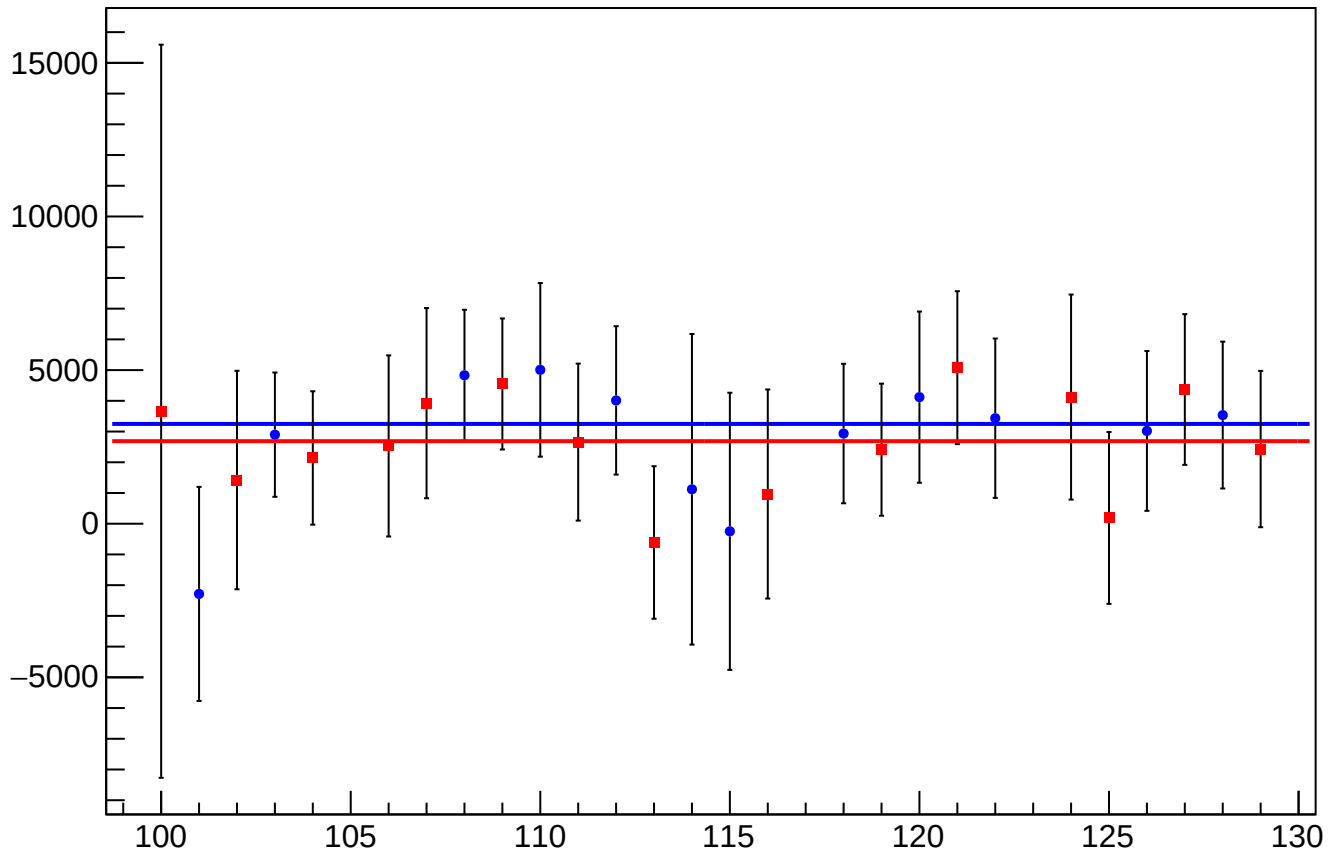
Right: 6632.628+/-1.456 χ^2/NDF : 778070.5/26

In: 6830.890+/-2.196 χ^2/NDF :259815.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6632.628+/-1.456 χ^2/NDF : 778070.5/26

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3248.046+/-761.082 χ^2/NDF : 4.5/11

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

Right Out: 2686.434+/-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

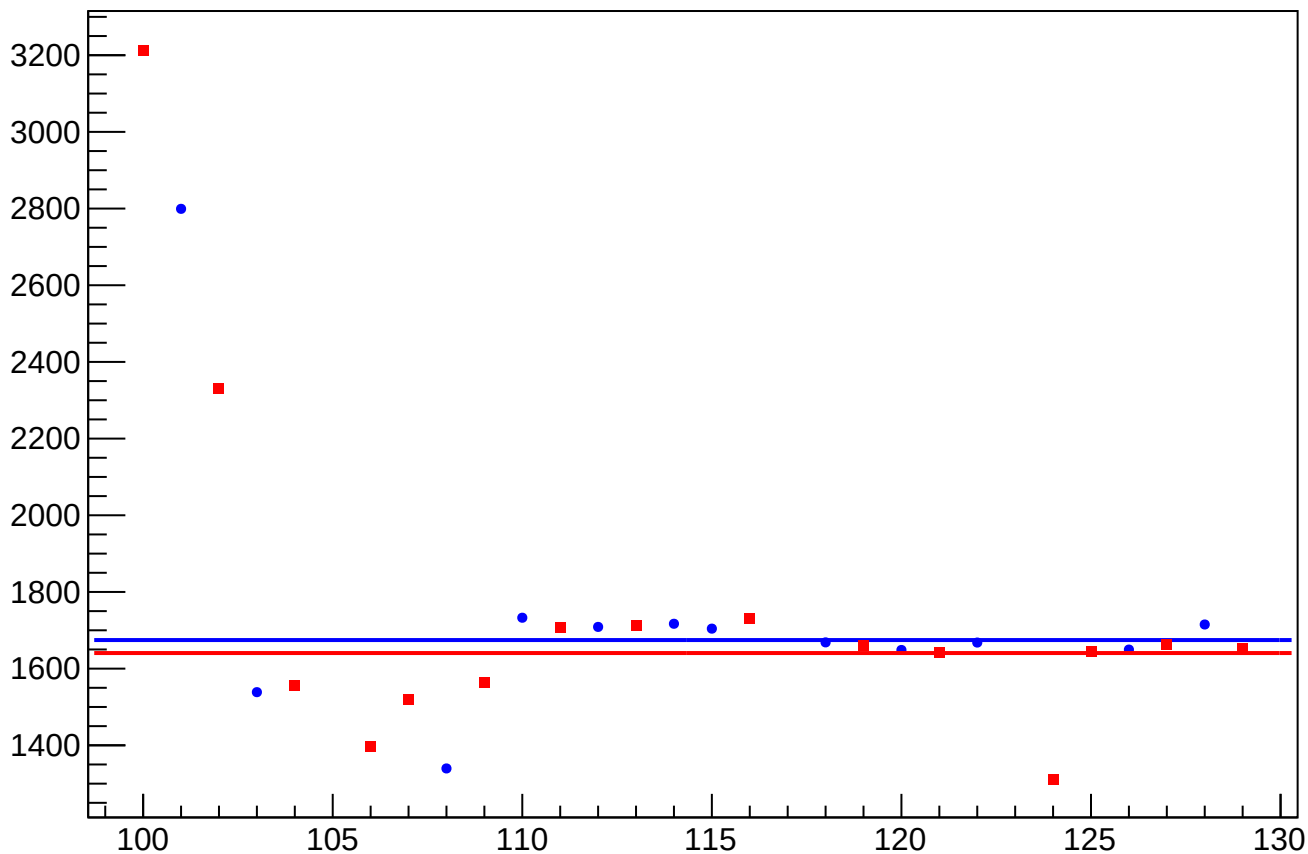
Right: 2942.789+/-514.202 χ^2/NDF : 10.4/26

In: 3248.046+/-761.082 χ^2/NDF : 4.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2942.789+/-514.202 χ^2/NDF : 10.4/26

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1674.544+/-0.538 χ^2/NDF : 269339.4/11

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

Right Out: 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

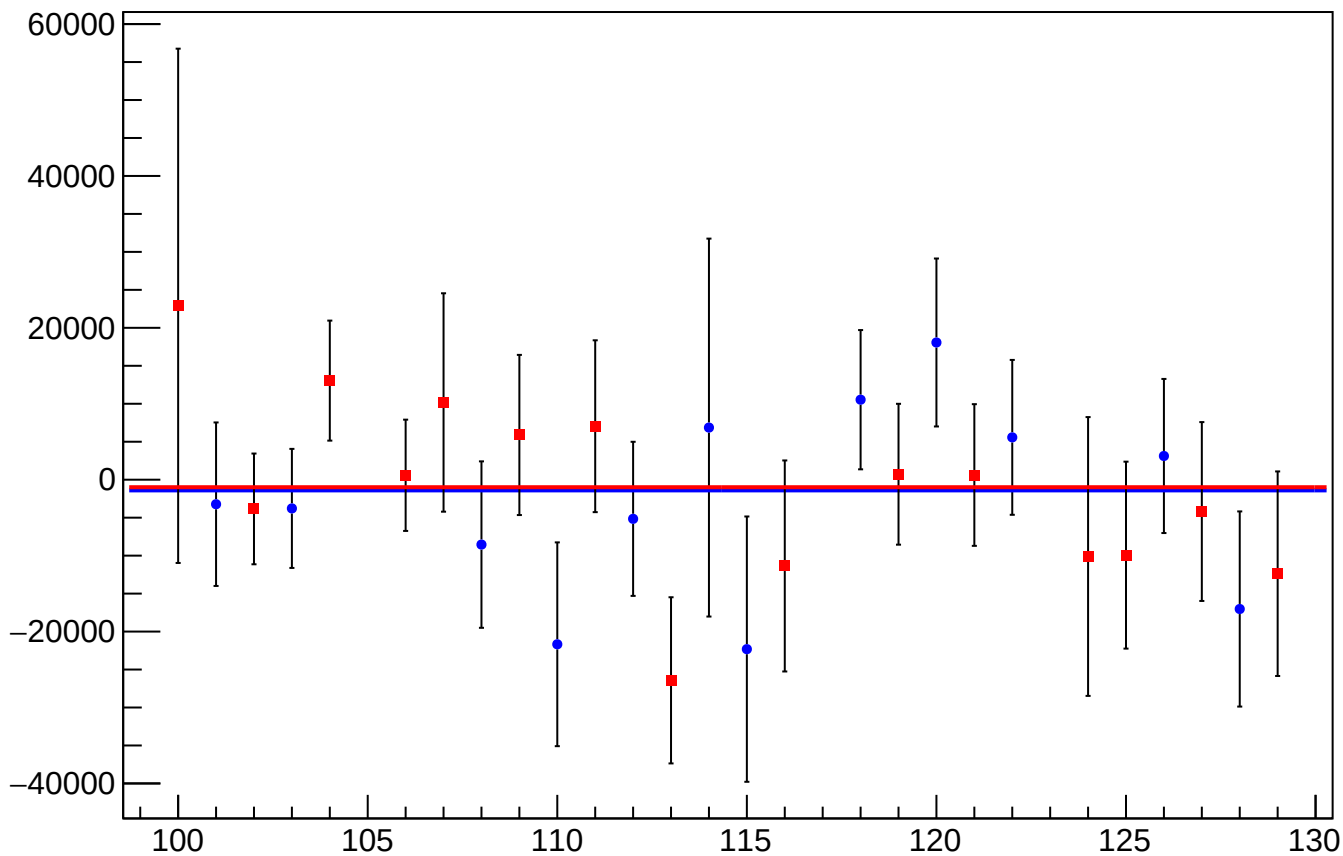
Right: 1656.123+/-0.364 χ^2/NDF : 428603.0/26

In: 1674.544+/-0.538 χ^2/NDF : 269339.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1656.123+/-0.364 χ^2/NDF : 428603.0/26

asym_at2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1407.820+/-3180.788 χ^2/NDF : 11.4/11

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

Right Out: -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

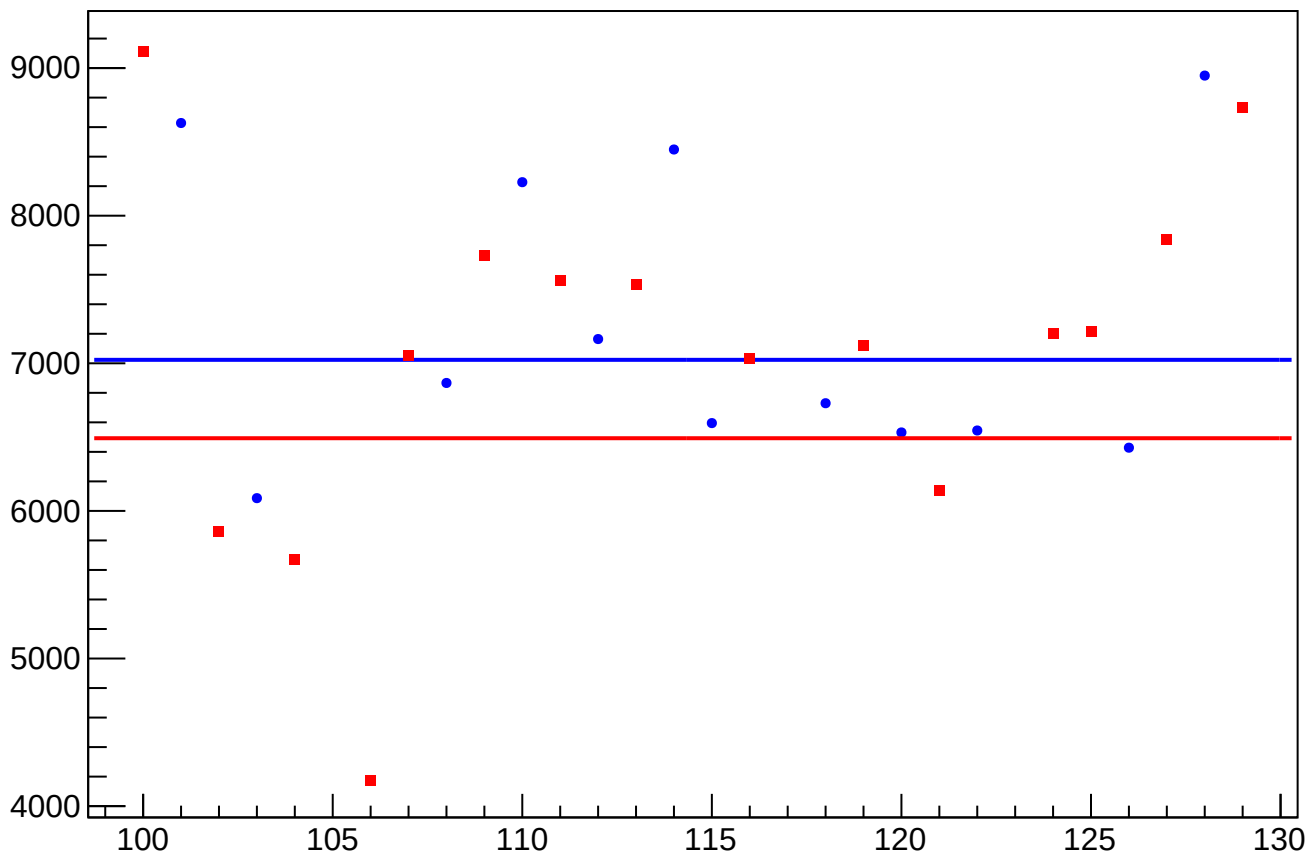
Right: -1167.154+/-2068.425 χ^2/NDF : 24.4/26

In: -1407.820+/-3180.788 χ^2/NDF : 11.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1167.154+/-2068.425 χ^2/NDF : 24.4/26

asym_at2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 7023.501+/-2.249 χ^2/NDF : 159851.3/11

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

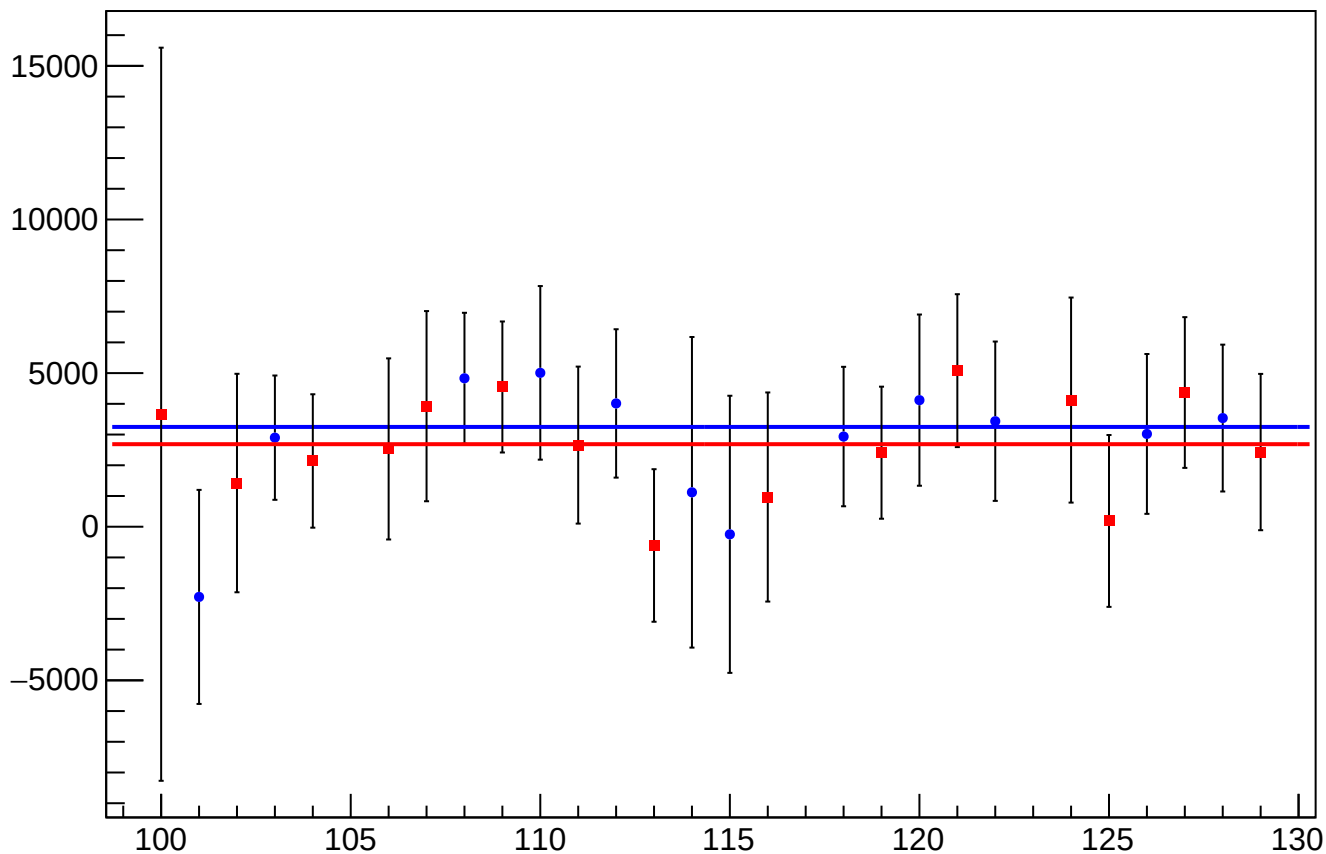
Right: 6717.009+/-1.463 χ^2/NDF : 613835.2/26

In: 7023.501+/-2.249 χ^2/NDF : 159851.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6717.009+/-1.463 χ^2/NDF : 613835.2/26

eigen_dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3248.054+/-761.082 χ^2/NDF : 4.5/11

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

Right Out: 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

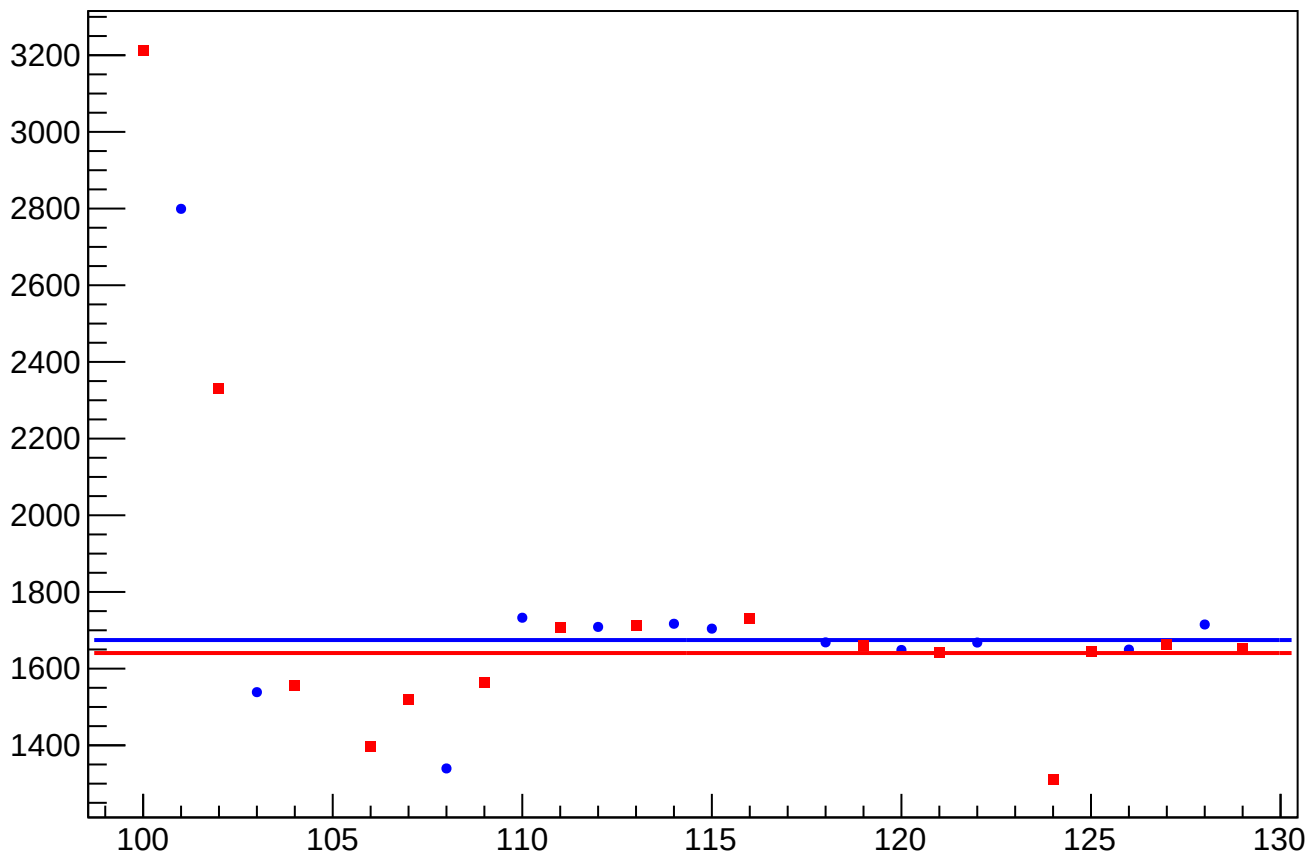
Right: 2942.799+/-514.202 χ^2/NDF : 10.4/26

In: 3248.054+/-761.082 χ^2/NDF : 4.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2942.799+/-514.202 χ^2/NDF : 10.4/26

eigen_dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1674.544+/-0.538 χ^2/NDF : 269339.1/11

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

Right Out: 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

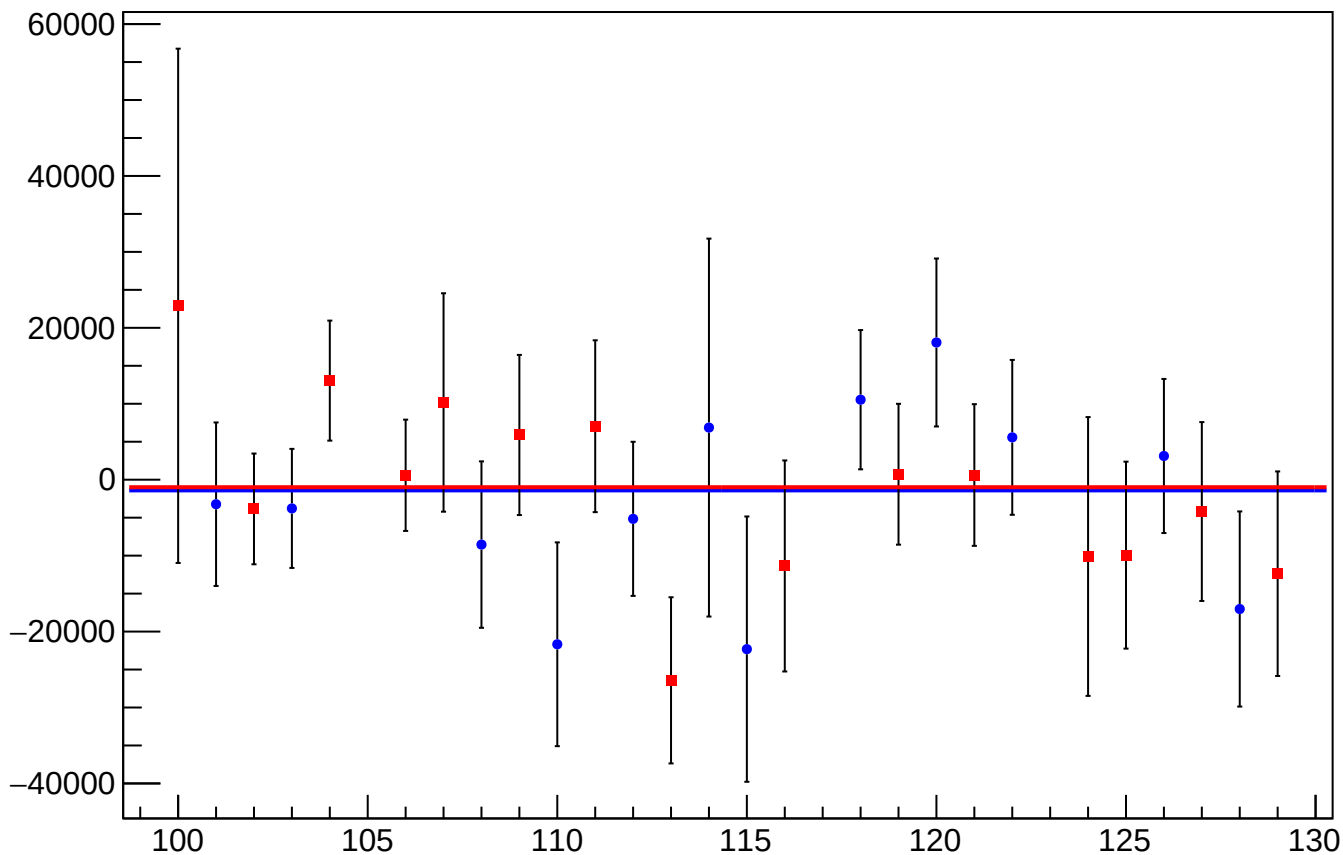
Right: 1656.122+/-0.364 χ^2/NDF : 428602.7/26

In: 1674.544+/-0.538 χ^2/NDF : 269339.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1656.122+/-0.364 χ^2/NDF : 428602.7/26

asym_at2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1407.805+/-3180.778 χ^2/NDF : 11.4/11

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

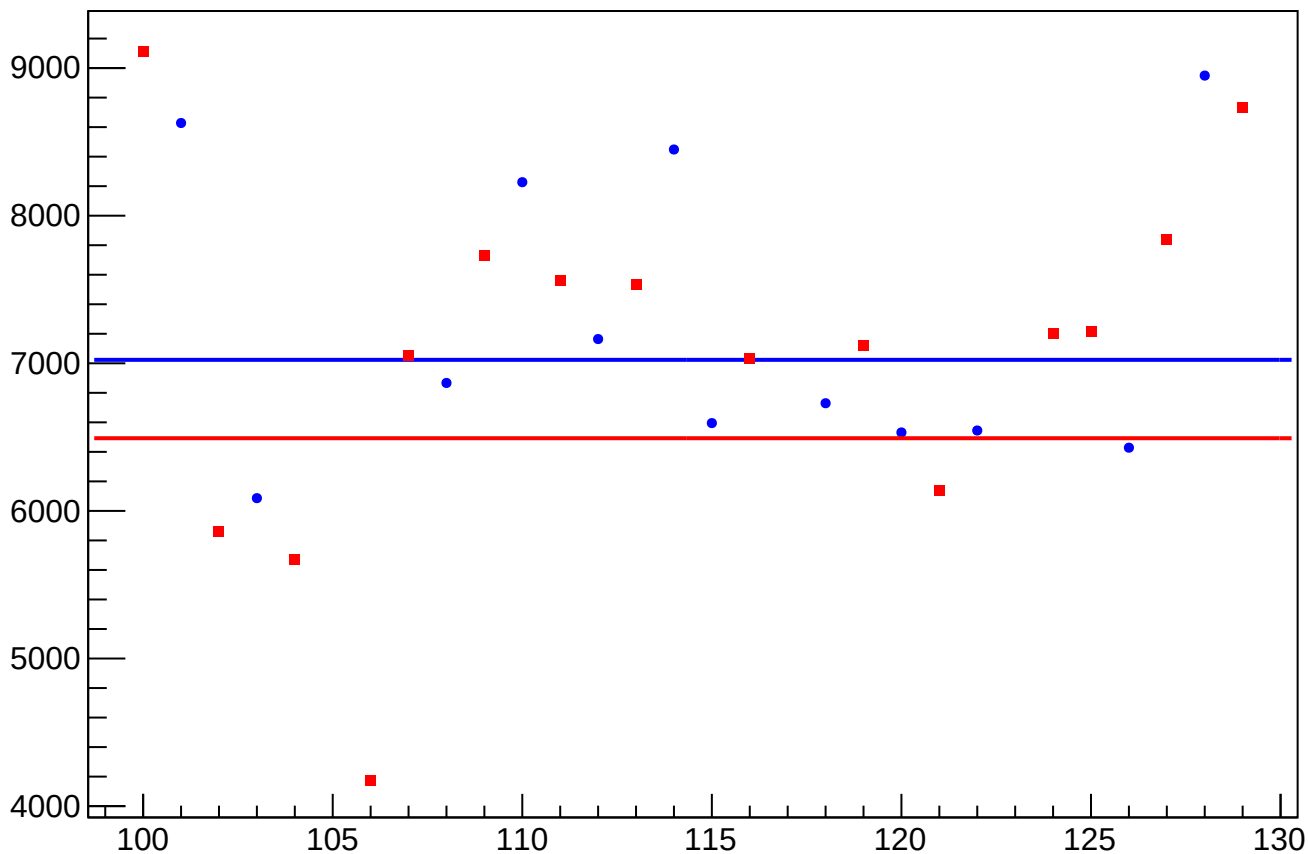
Right: -1167.143+/-2068.419 χ^2/NDF : 24.4/26

In: -1407.805+/-3180.778 χ^2/NDF : 11.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1167.143+/-2068.419 χ^2/NDF : 24.4/26

asym_at2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 7023.481+/-2.249 χ^2/NDF : 159851.2/11

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

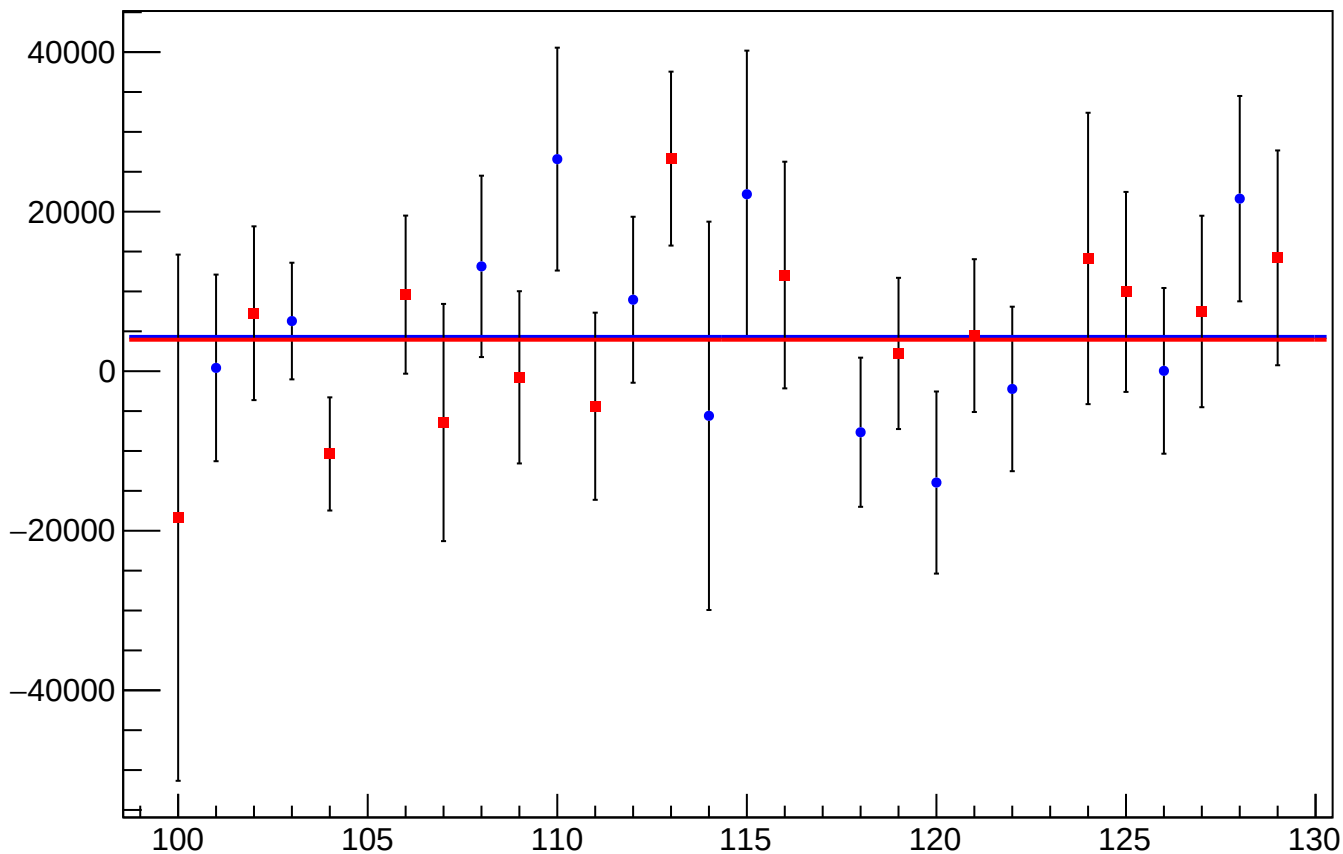
Right: 6716.992+/-1.463 χ^2/NDF : 613832.3/26

In: 7023.481+/-2.249 χ^2/NDF : 159851.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6716.992+/-1.463 χ^2/NDF : 613832.3/26

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 4298.061+/-3215.419 χ^2/NDF : 11.3/11

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

Right Out: 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

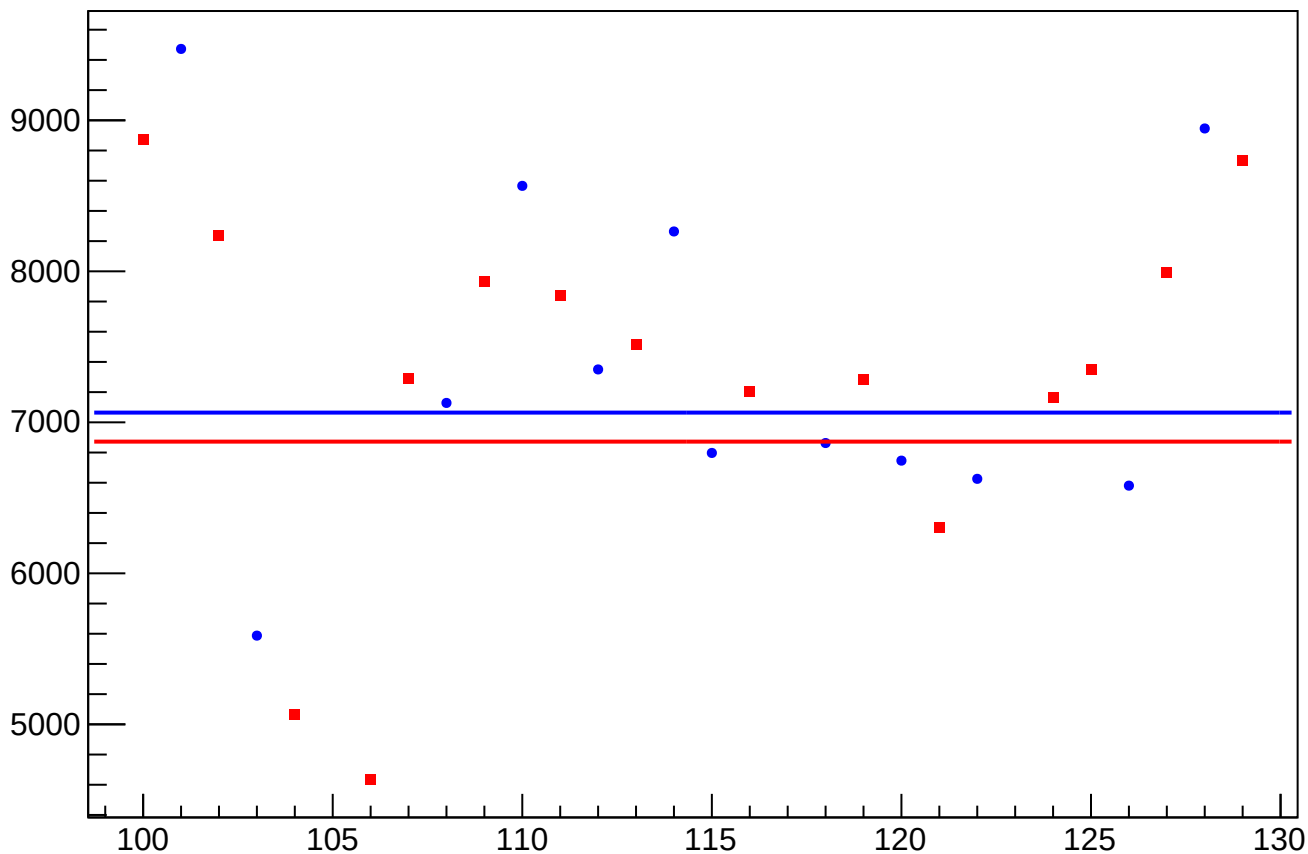
Right: 4105.839+/-2163.119 χ^2/NDF : 23.3/26

In: 4298.061+/-3215.419 χ^2/NDF :11.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4105.839+/-2163.119 χ^2/NDF : 23.3/26

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7064.431+/-2.274 χ^2/NDF : 249578.8/11

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

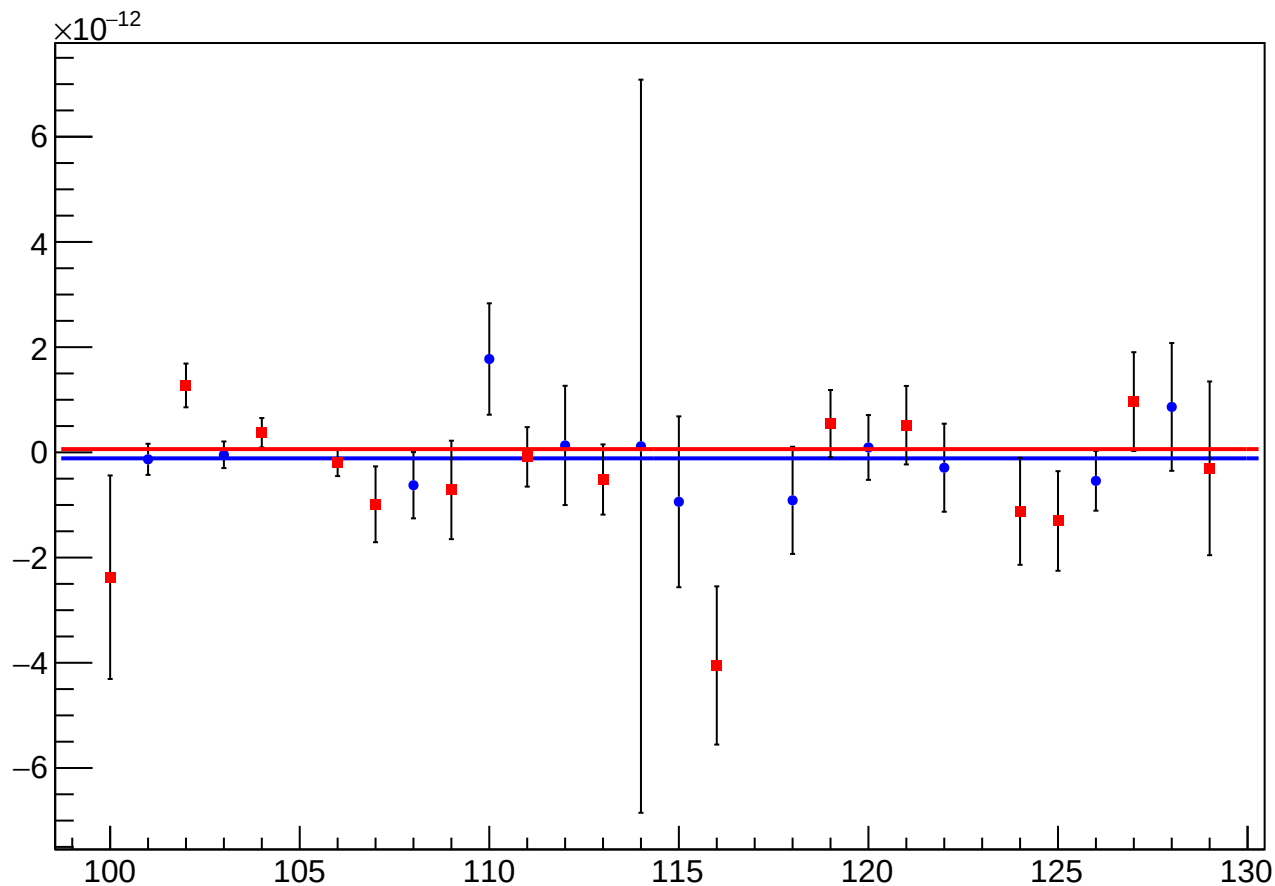
Right: 6959.209+/-1.529 χ^2/NDF : 636944.7/26

In: 7064.431+/-2.274 χ^2/NDF : 249578.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6959.209+/-1.529 χ^2/NDF : 636944.7/26

asym_at2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.2/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 28.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

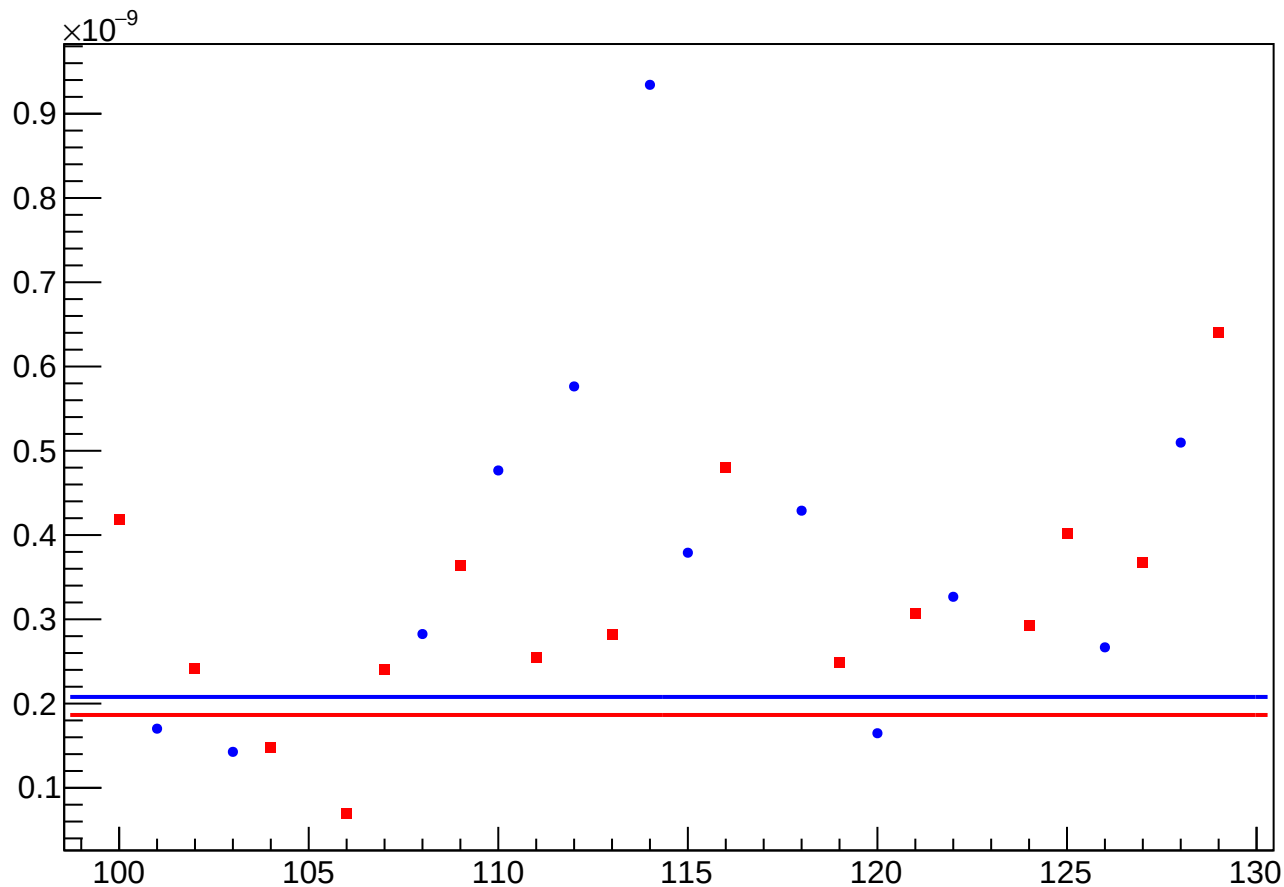
Right: -0.000+/-0.000 χ^2/NDF : 35.7/26

In: -0.000+/-0.000 χ^2/NDF : 6.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 35.7/26

asym_at2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 867090.5/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 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

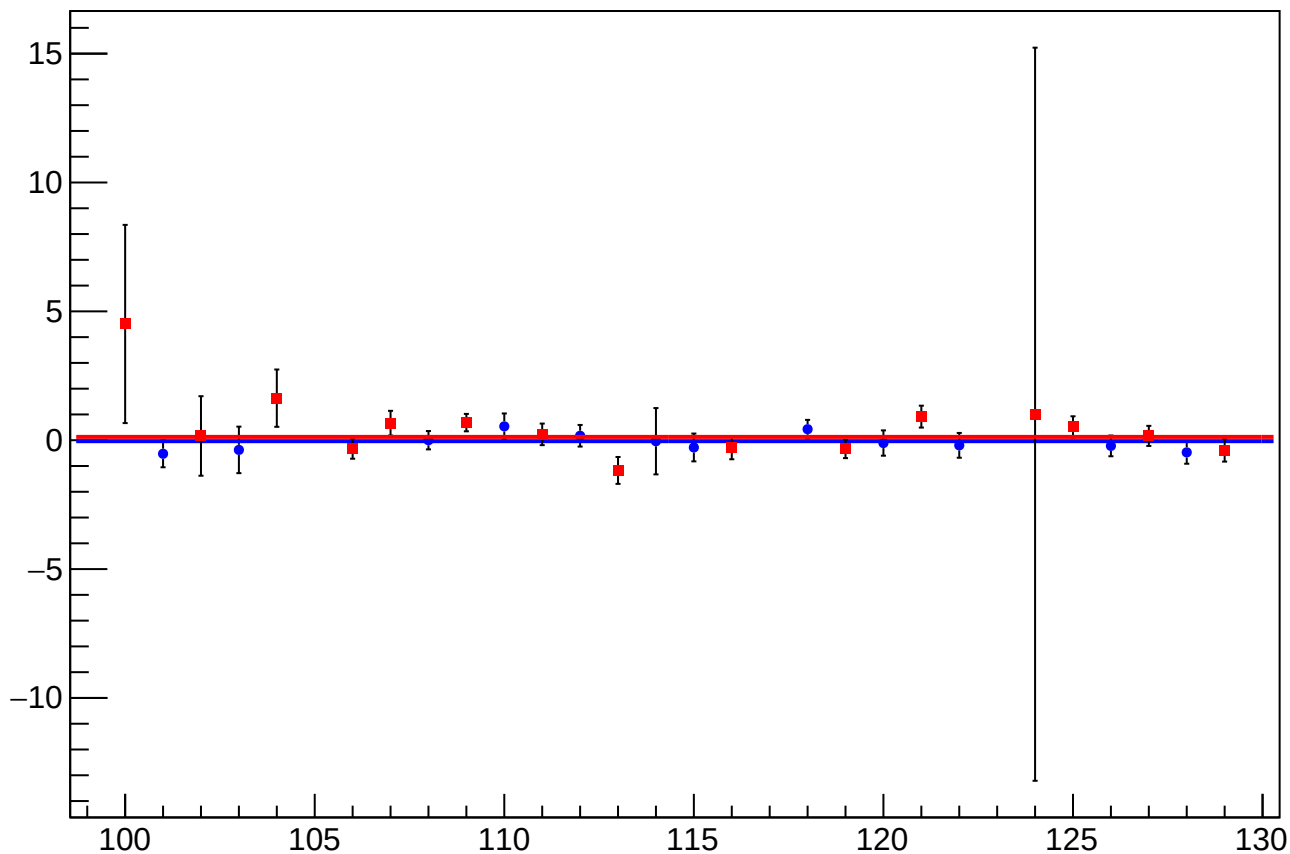
Right: 0.000+/-0.000 χ^2/NDF : 2069467.9/26

In: 0.000+/-0.000 χ^2/NDF : 867090.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2069467.9/26

asym_at2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.037 ± 0.136 χ^2/NDF : 5.8/11

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

Right Out: 0.130 ± 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

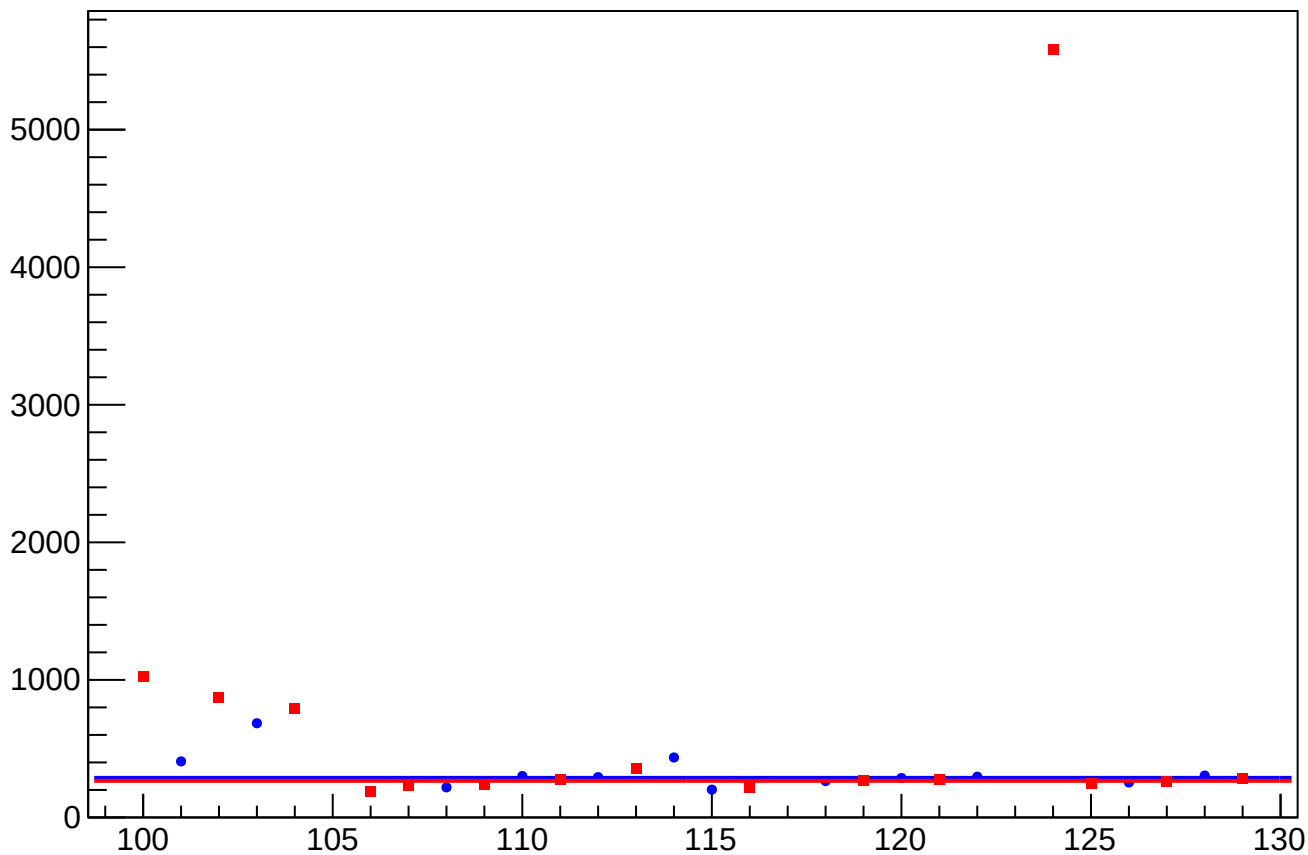
Right: 0.055 ± 0.091 χ^2/NDF : 29.5/26

In: -0.037 ± 0.136 χ^2/NDF : 5.8/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.055 ± 0.091 χ^2/NDF : 29.5/26

asym_at2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 287.636+/-0.096 χ^2/NDF : 671503.2/11

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

Right Out: 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

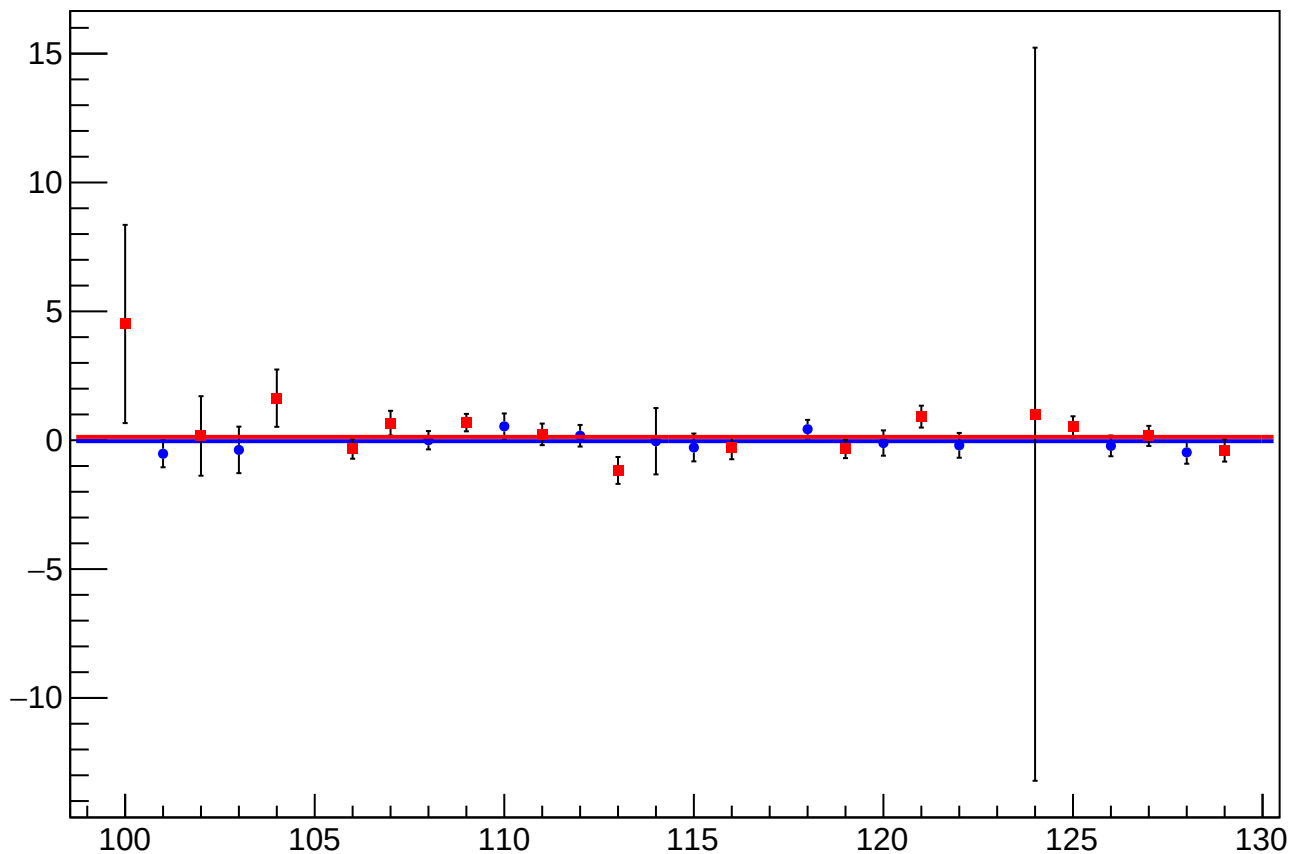
Right: 275.925+/-0.065 χ^2/NDF : 2014018.3/26

In: 287.636+/-0.096 χ^2/NDF : 671503.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 275.925+/-0.065 χ^2/NDF : 2014018.3/26

asym_at2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.037+/-0.136 χ^2/NDF : 5.8/11

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

Right Out: 0.130+/-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

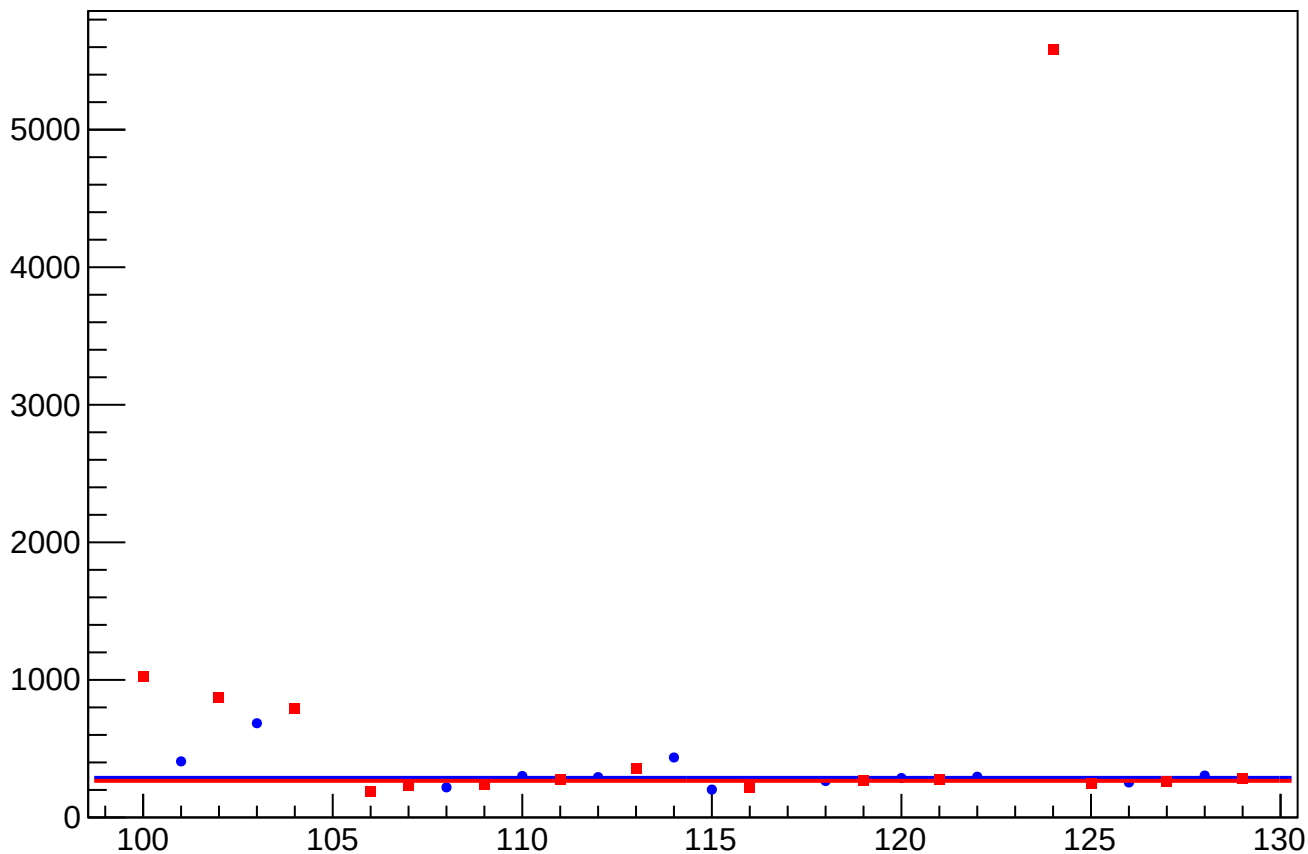
Right: 0.055+/-0.091 χ^2/NDF : 29.5/26

In: -0.037+/-0.136 χ^2/NDF :5.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.055+/-0.091 χ^2/NDF : 29.5/26

asym_at2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 287.636+/-0.096 χ^2/NDF : 671503.2/11

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

Right Out: 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

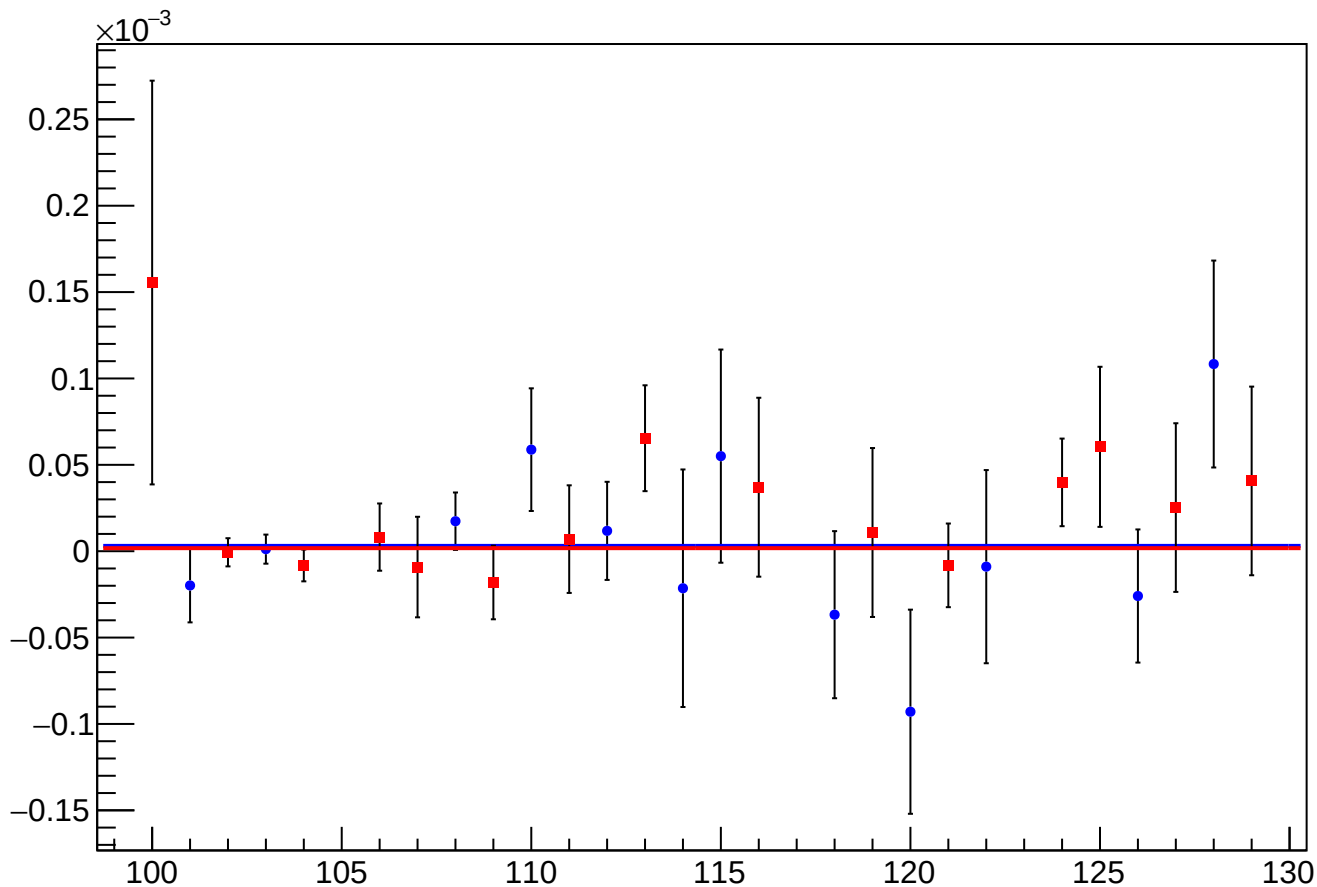
Right: 275.925+/-0.065 χ^2/NDF : 2014018.3/26

In: 287.636+/-0.096 χ^2/NDF : 671503.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 275.925+/-0.065 χ^2/NDF : 2014018.3/26

asym_at2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.4/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 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

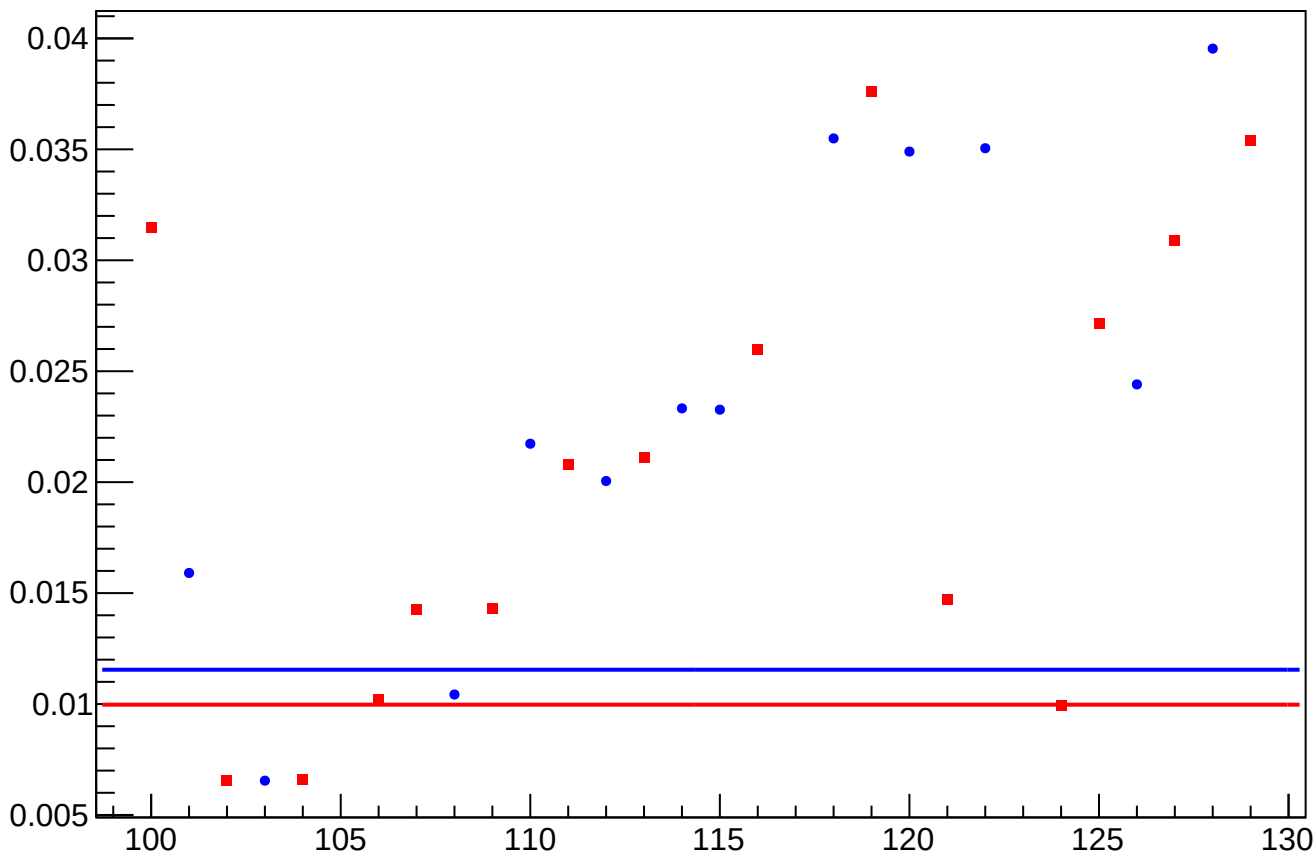
Right: 0.000+/-0.000 χ^2/NDF : 26.1/26

In: 0.000+/-0.000 χ^2/NDF : 12.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.1/26

asym_at2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 3088718.7/11

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

Right Out: 0.010+/-0.000 χ^2/NDF : 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

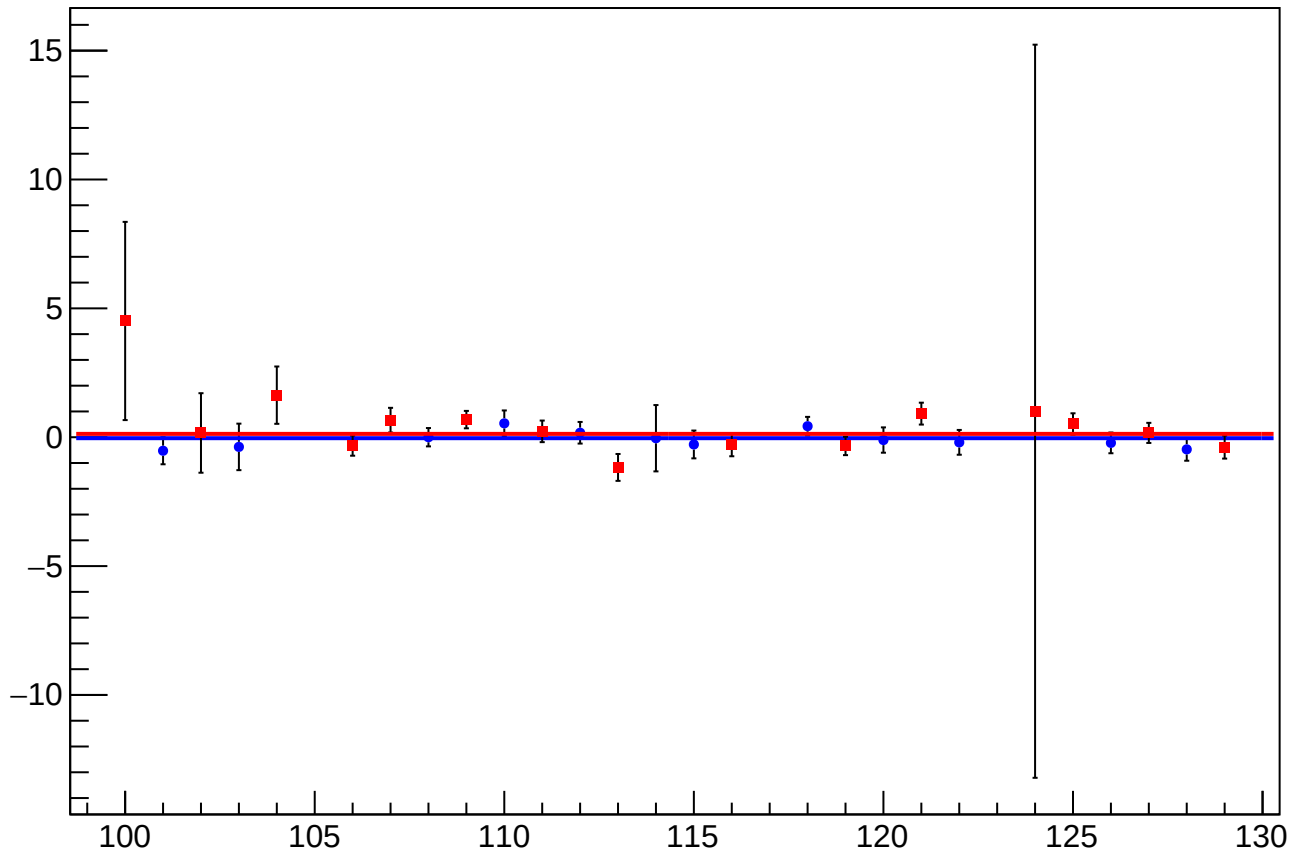
Right: 0.011+/-0.000 χ^2/NDF : 6459363.4/26

In: 0.012+/-0.000 χ^2/NDF :3088718.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 6459363.4/26

asym_at2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.037 ± 0.136 χ^2/NDF : 5.8/11

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

Right Out: 0.130 ± 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

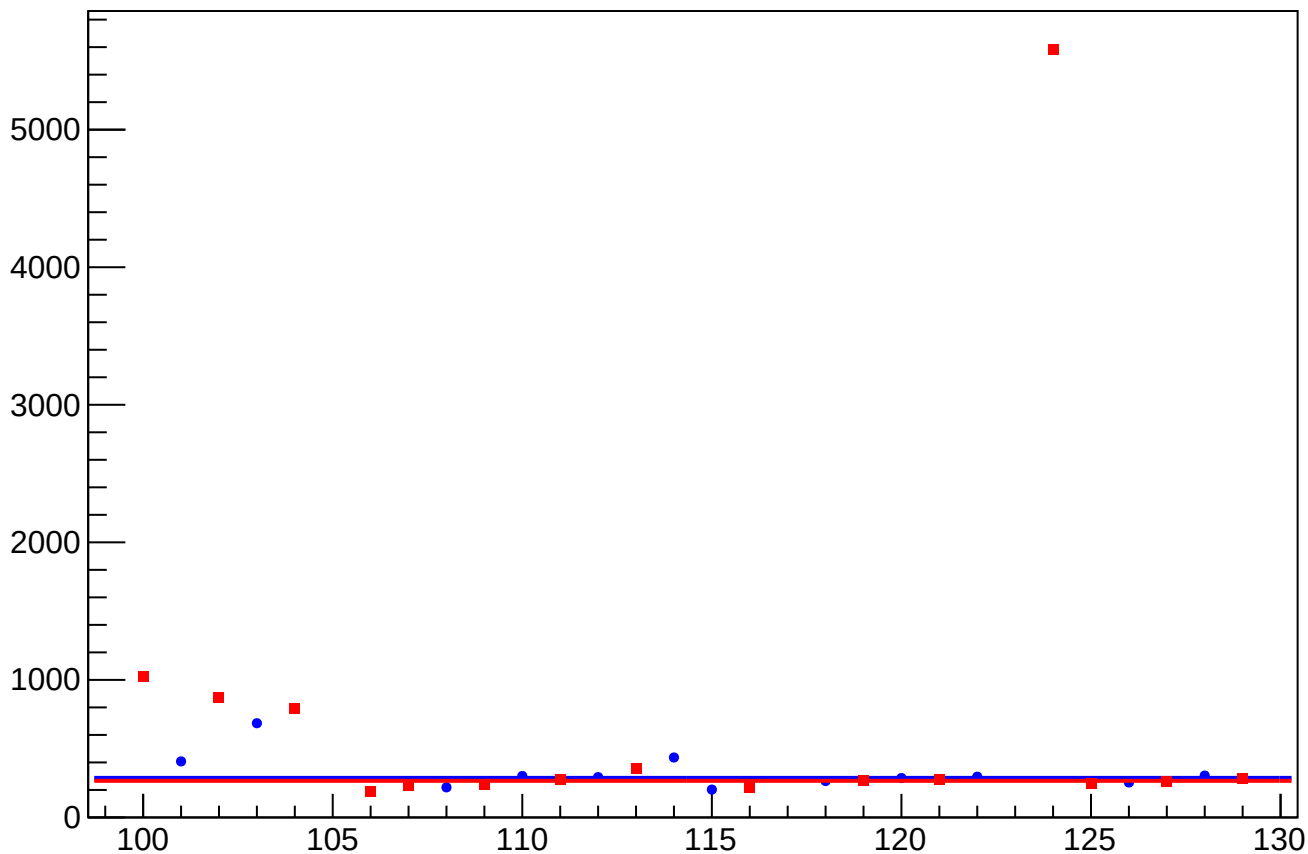
Right: 0.055 ± 0.091 χ^2/NDF : 29.5/26

In: -0.037 ± 0.136 χ^2/NDF : 5.8/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.055 ± 0.091 χ^2/NDF : 29.5/26

asym_at2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 287.636+/-0.096 χ^2/NDF : 671486.7/11

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

Right Out: 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

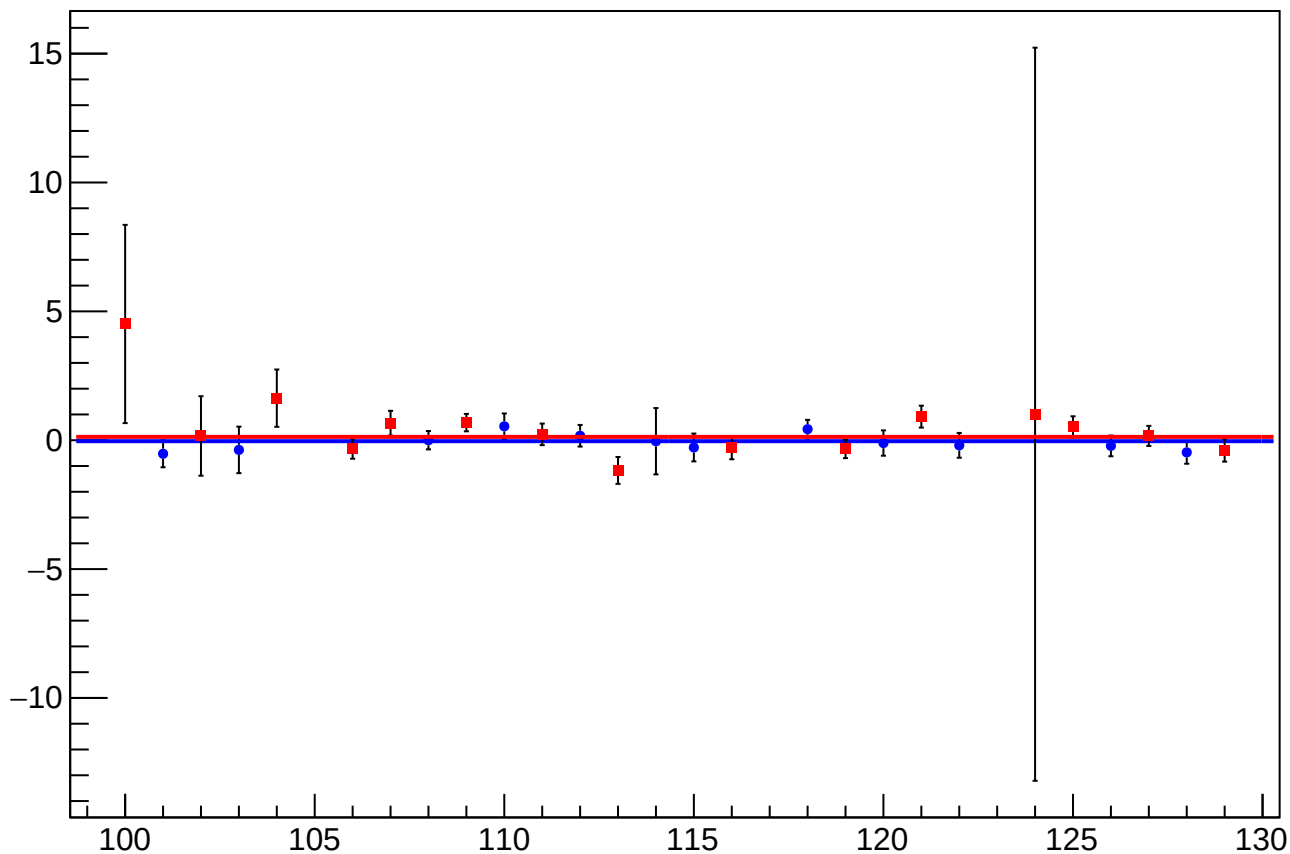
Right: 275.924+/-0.065 χ^2/NDF : 2013985.8/26

In: 287.636+/-0.096 χ^2/NDF : 671486.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 275.924+/-0.065 χ^2/NDF : 2013985.8/26

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.037 ± 0.136 χ^2/NDF : 5.8/11

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

Right Out: 0.130 ± 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

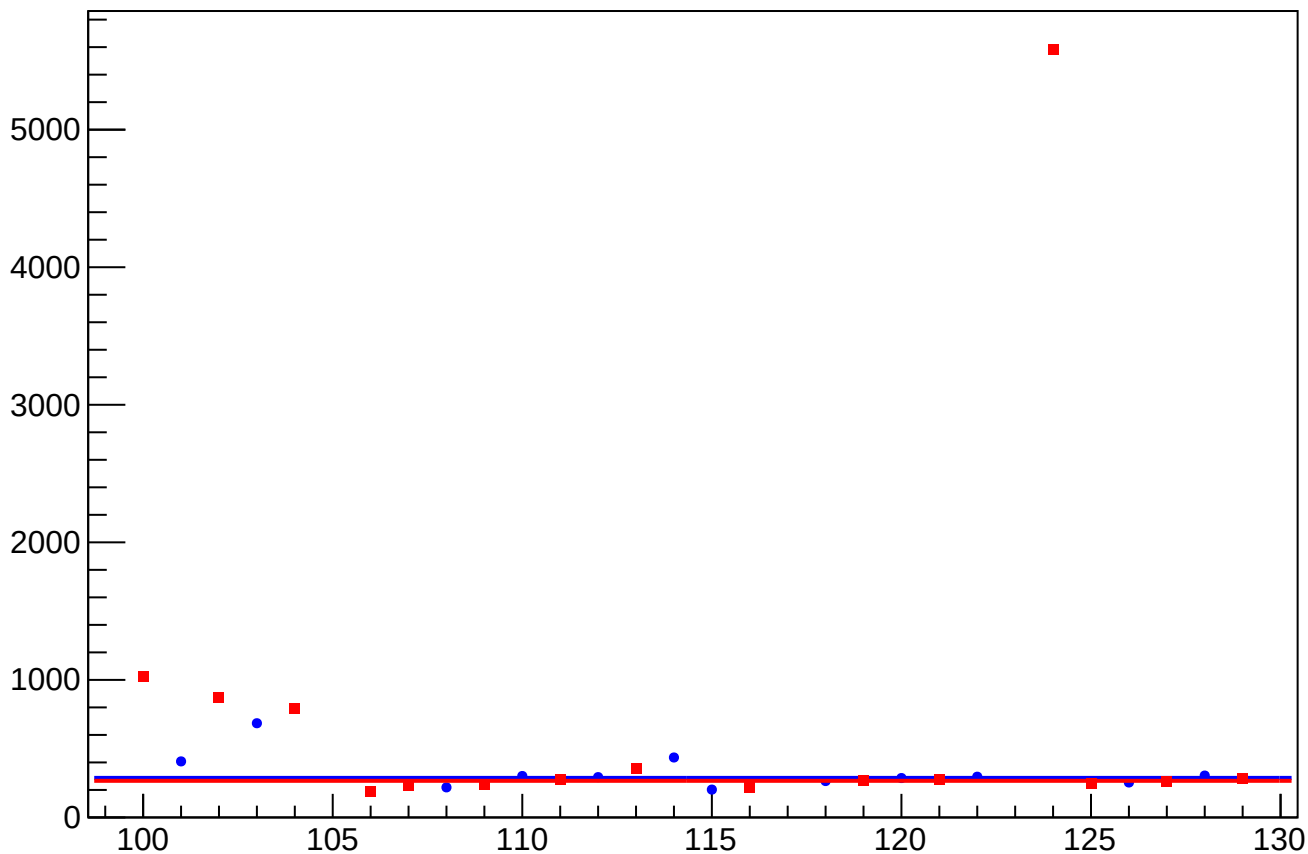
Right: 0.055 ± 0.091 χ^2/NDF : 29.5/26

In: -0.037 ± 0.136 χ^2/NDF : 5.8/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.055 ± 0.091 χ^2/NDF : 29.5/26

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 287.636+/-0.096 χ^2/NDF : 671486.7/11

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

Right Out: 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

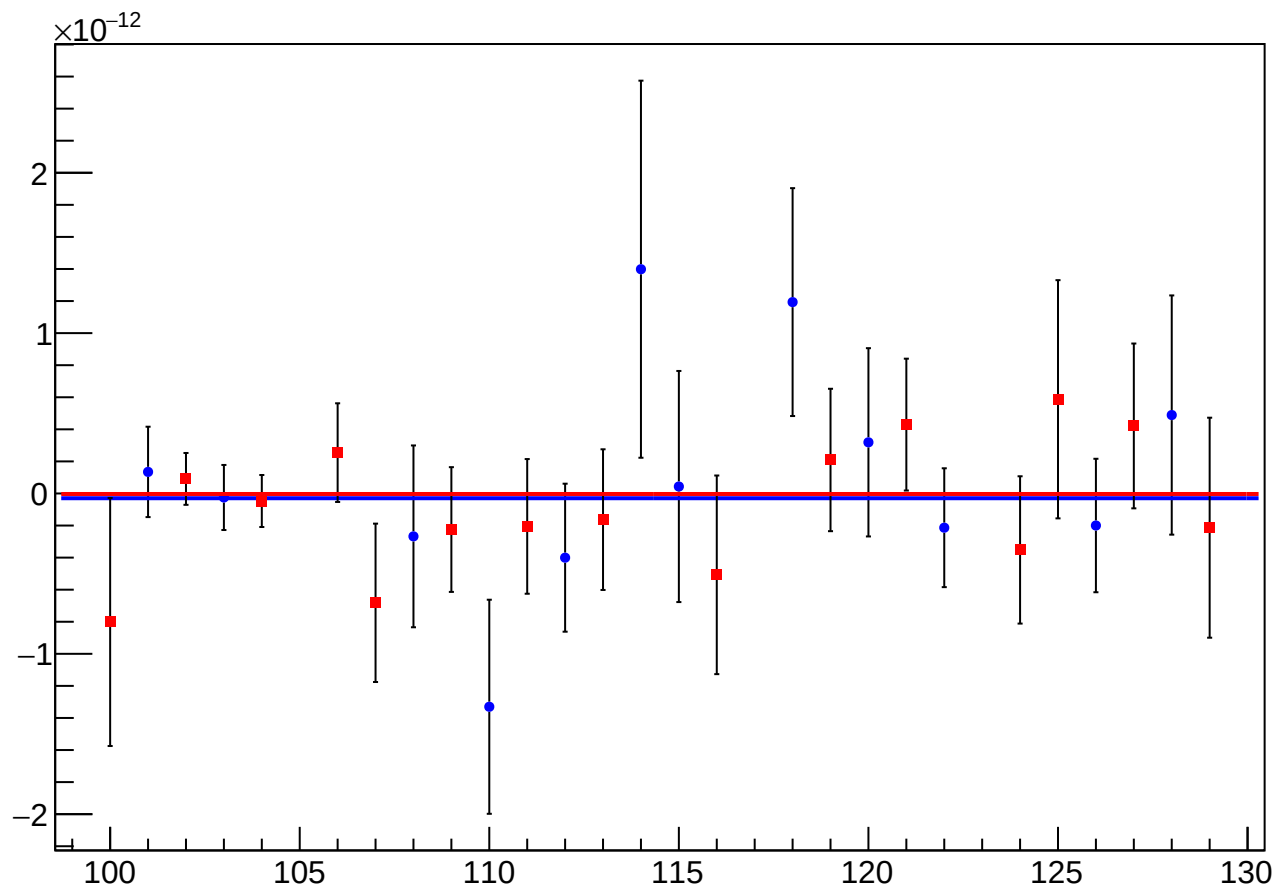
Right: 275.924+/-0.065 χ^2/NDF : 2013985.8/26

In: 287.636+/-0.096 χ^2/NDF : 671486.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 275.924+/-0.065 χ^2/NDF : 2013985.8/26

asym_at2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.7/11

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

Right Out: -0.000+/-0.000 χ^2/NDF : 8.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

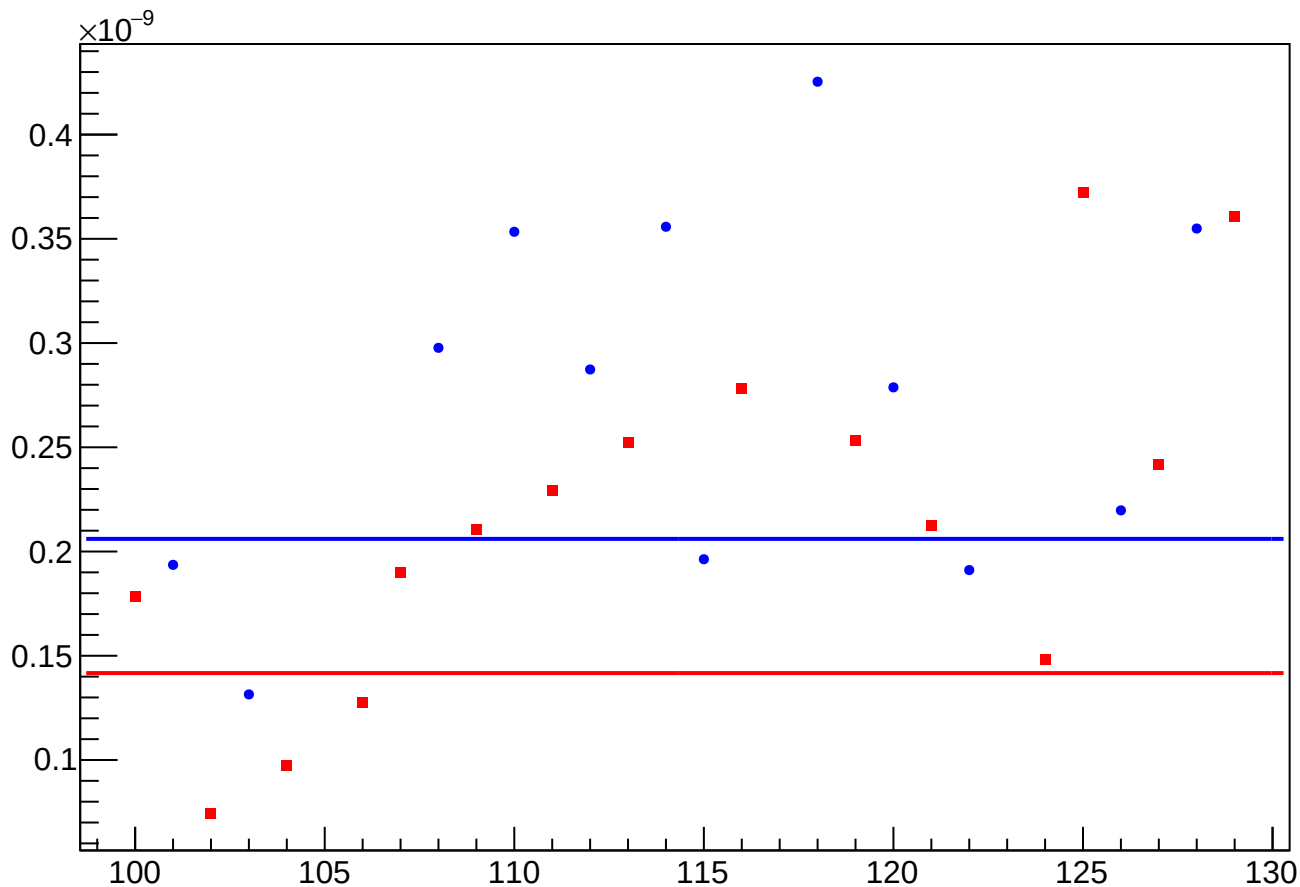
Right: -0.000+/-0.000 χ^2/NDF : 19.4/26

In: -0.000+/-0.000 χ^2/NDF : 10.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.4/26

asym_at2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 825088.4/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 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

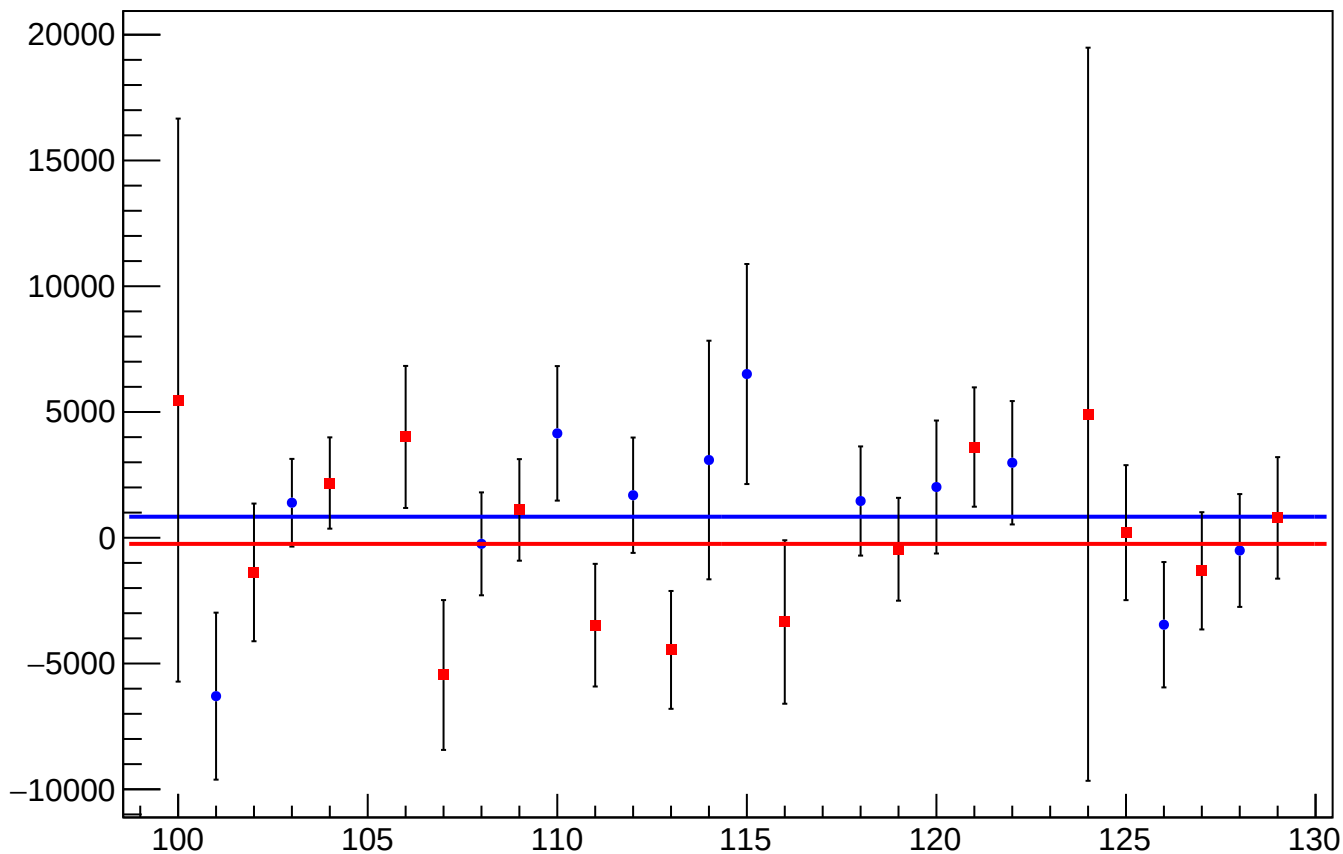
Right: 0.000+/-0.000 χ^2/NDF : 2760634.8/26

In: 0.000+/-0.000 χ^2/NDF : 825088.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2760634.8/26

reg_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 836.831+/-713.034 χ^2/NDF : 13.0/11

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

Right Out: -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

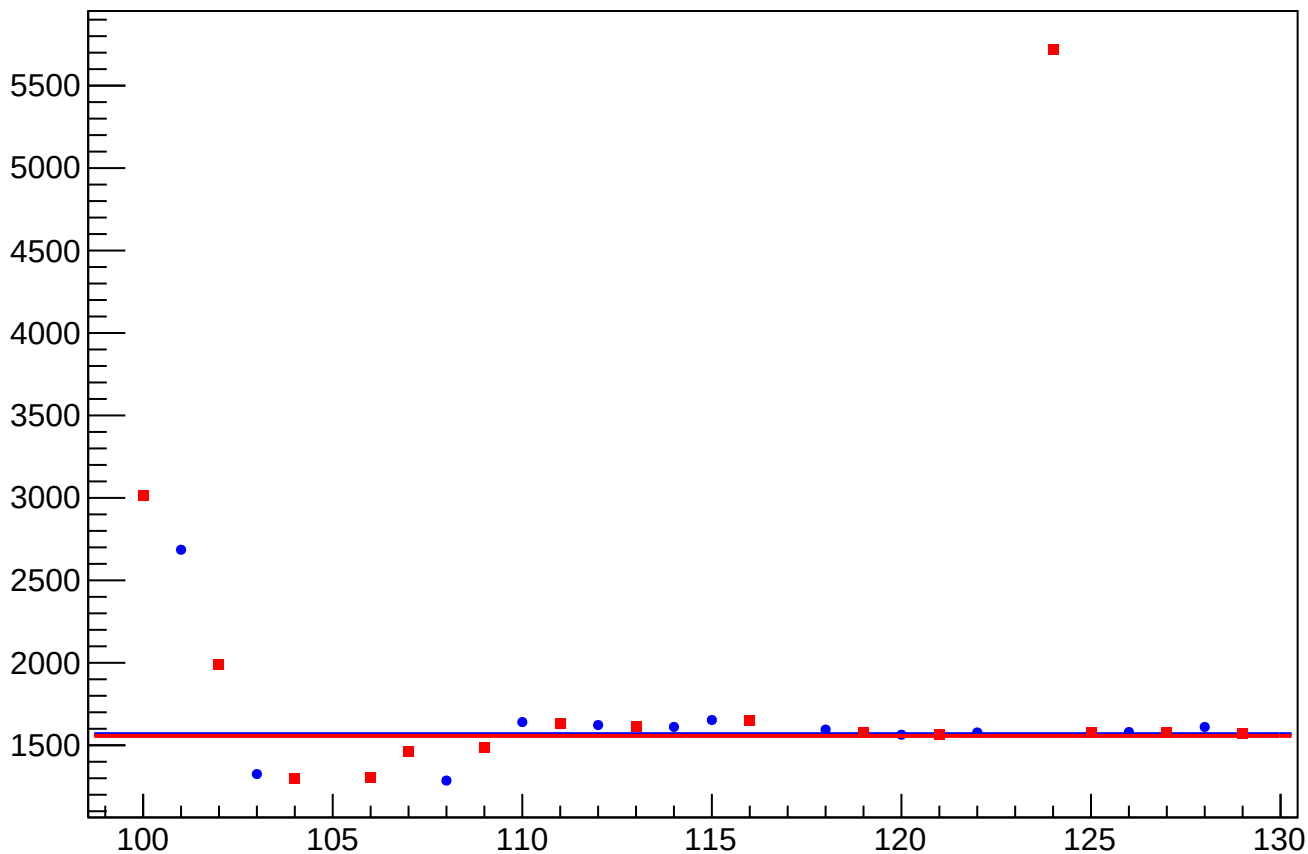
Right: 255.618+/-484.720 χ^2/NDF : 31.3/26

In: 836.831+/-713.034 χ^2/NDF : 13.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 255.618+/-484.720 χ^2/NDF : 31.3/26

reg_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1567.212+/-0.504 χ^2/NDF : 308055.0/11

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

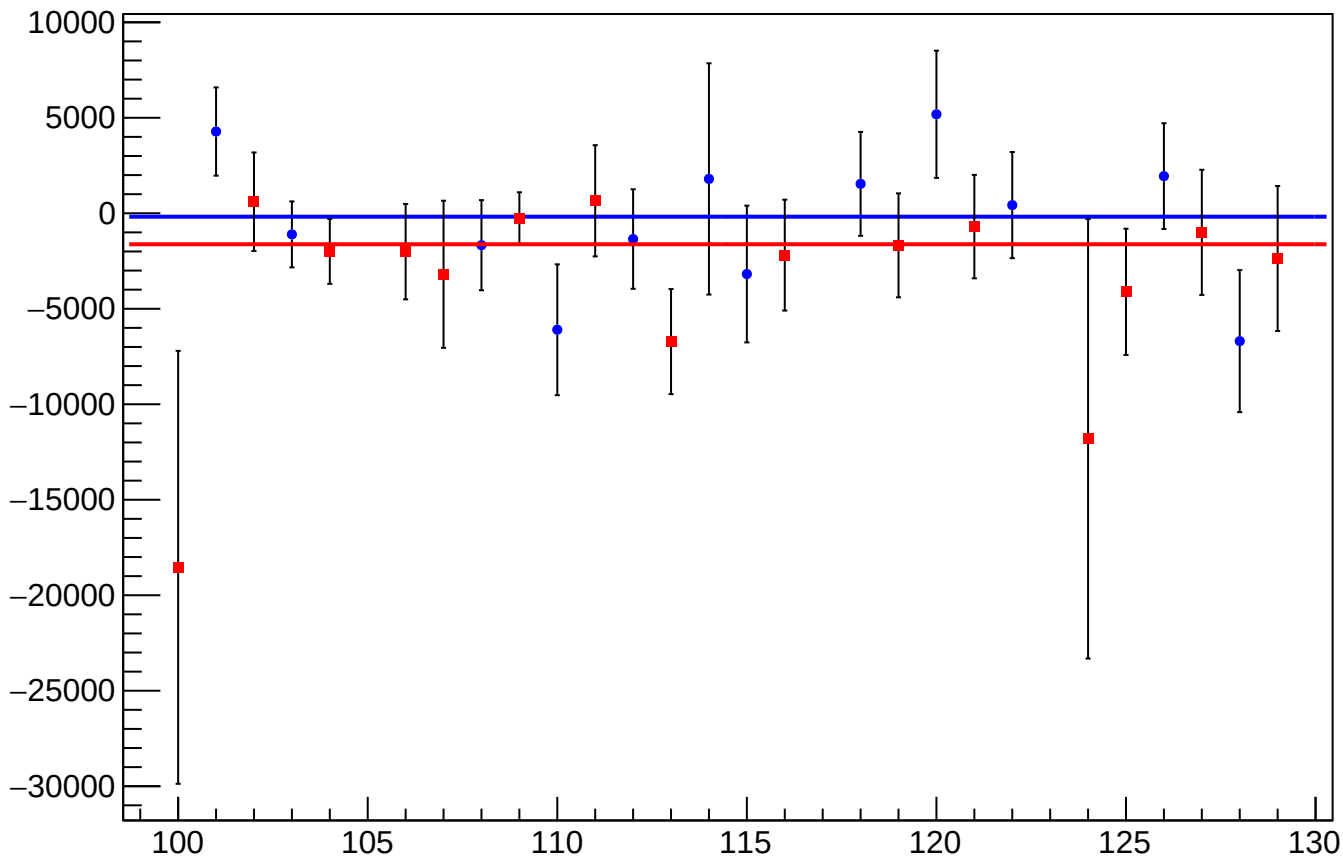
Right: 1561.592+/-0.343 χ^2/NDF : 620921.2/26

In: 1567.212+/-0.504 χ^2/NDF : 308055.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1561.592+/-0.343 χ^2/NDF : 620921.2/26

asym_at2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -178.802+/-791.290 χ^2/NDF : 15.1/11

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

Right Out: -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

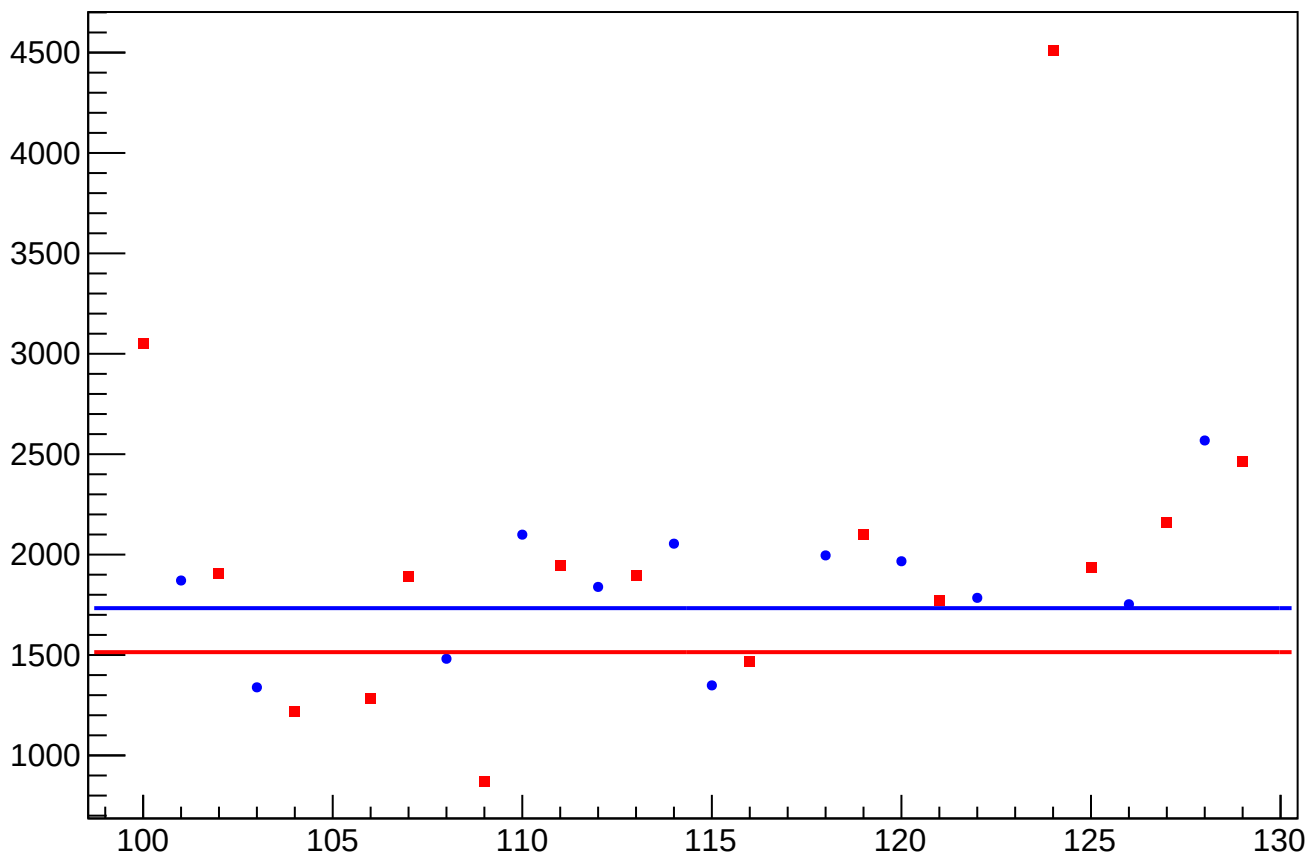
Right: -1011.938+/-514.484 χ^2/NDF : 26.9/26

In: -178.802+/-791.290 χ^2/NDF : 15.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1011.938+/-514.484 χ^2/NDF : 26.9/26

asym_at2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1733.326+/-0.560 χ^2/NDF : 318980.1/11

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

Right Out: 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

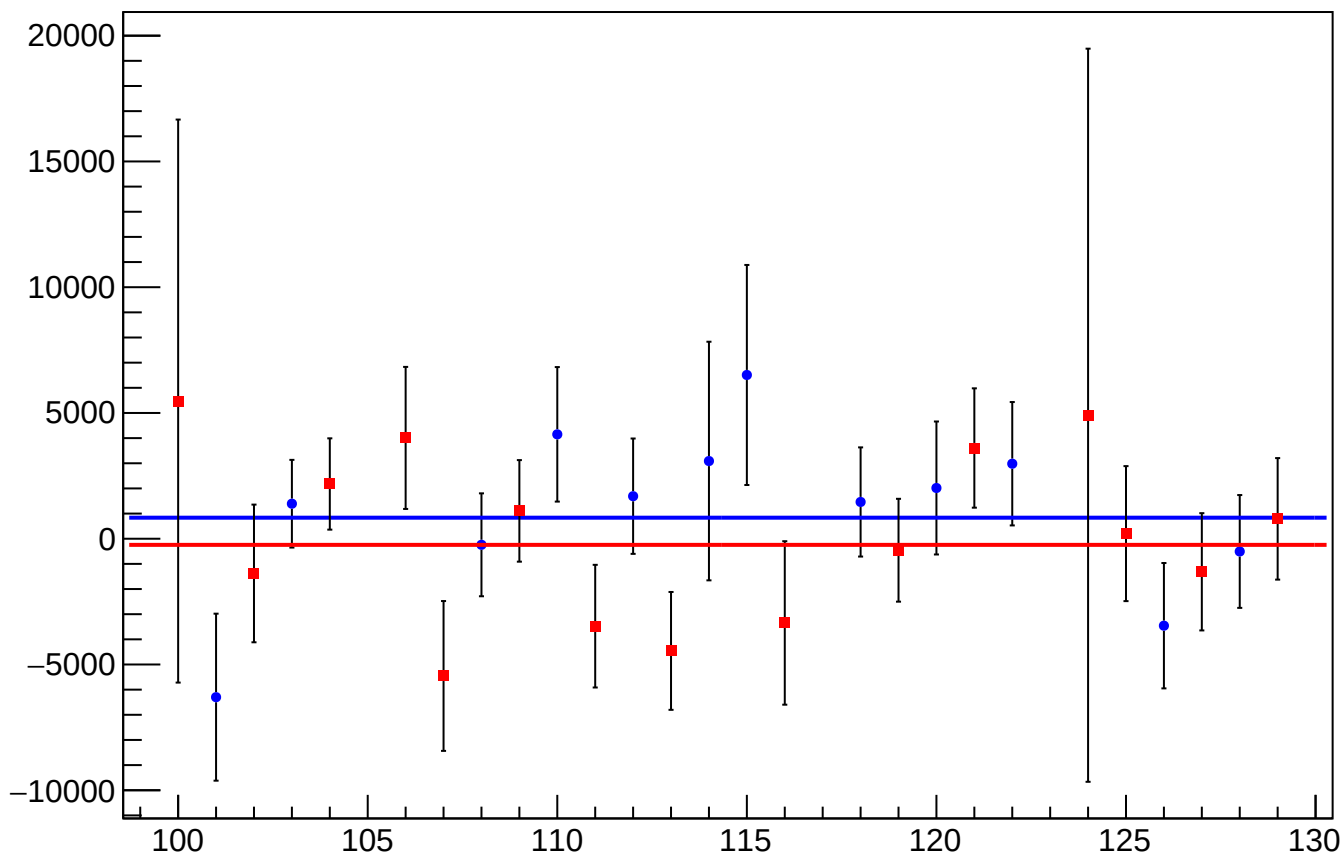
Right: 1606.857+/-0.364 χ^2/NDF : 1604813.7/26

In: 1733.326+/-0.560 χ^2/NDF : 318980.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1606.857+/-0.364 χ^2/NDF : 1604813.7/26

cor_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 836.676+/-713.034 χ^2/NDF : 13.0/11

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

Right Out: -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

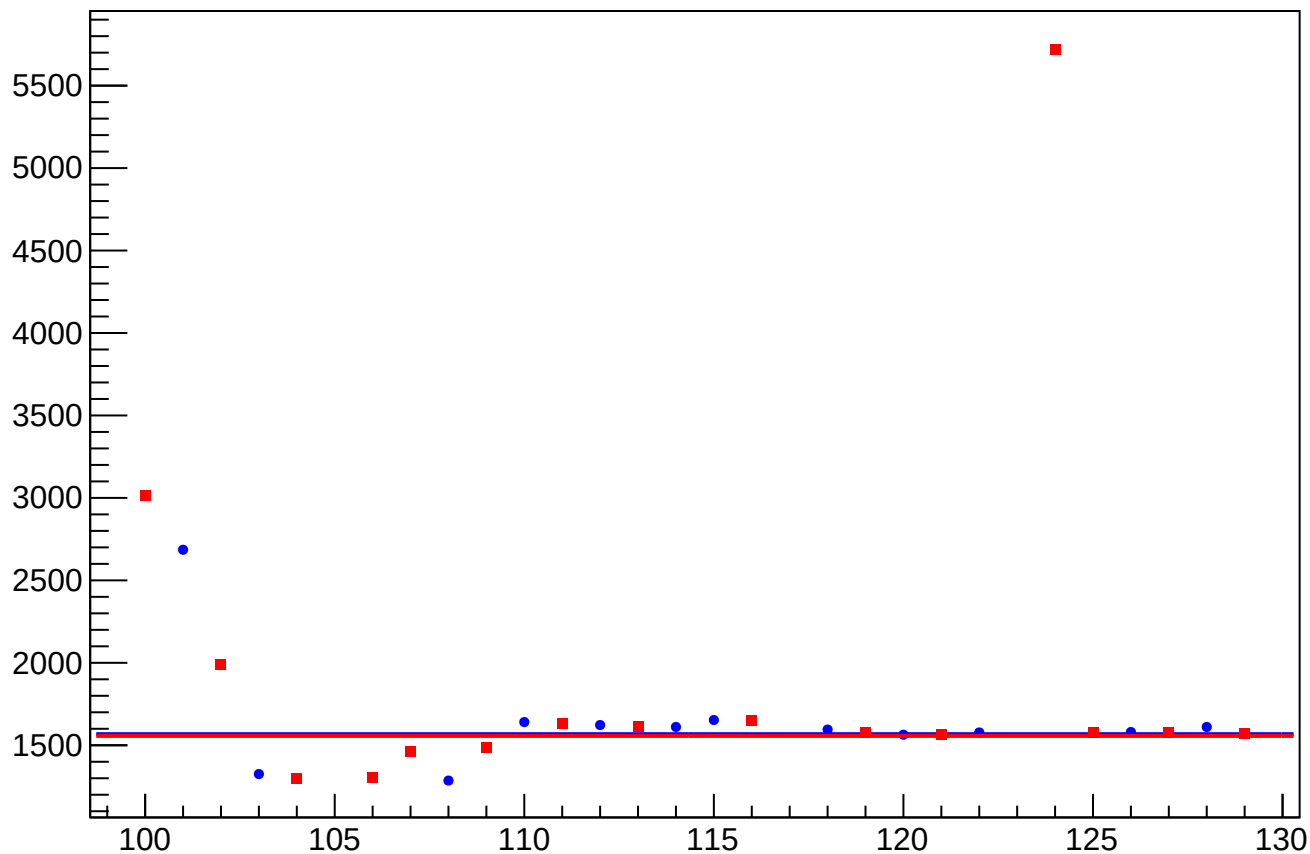
Right: 255.405+/-484.720 χ^2/NDF : 31.3/26

In: 836.676+/-713.034 χ^2/NDF : 13.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 255.405+/-484.720 χ^2/NDF : 31.3/26

cor_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1567.212+/-0.504 χ^2/NDF : 308055.2/11

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

Right Out: 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

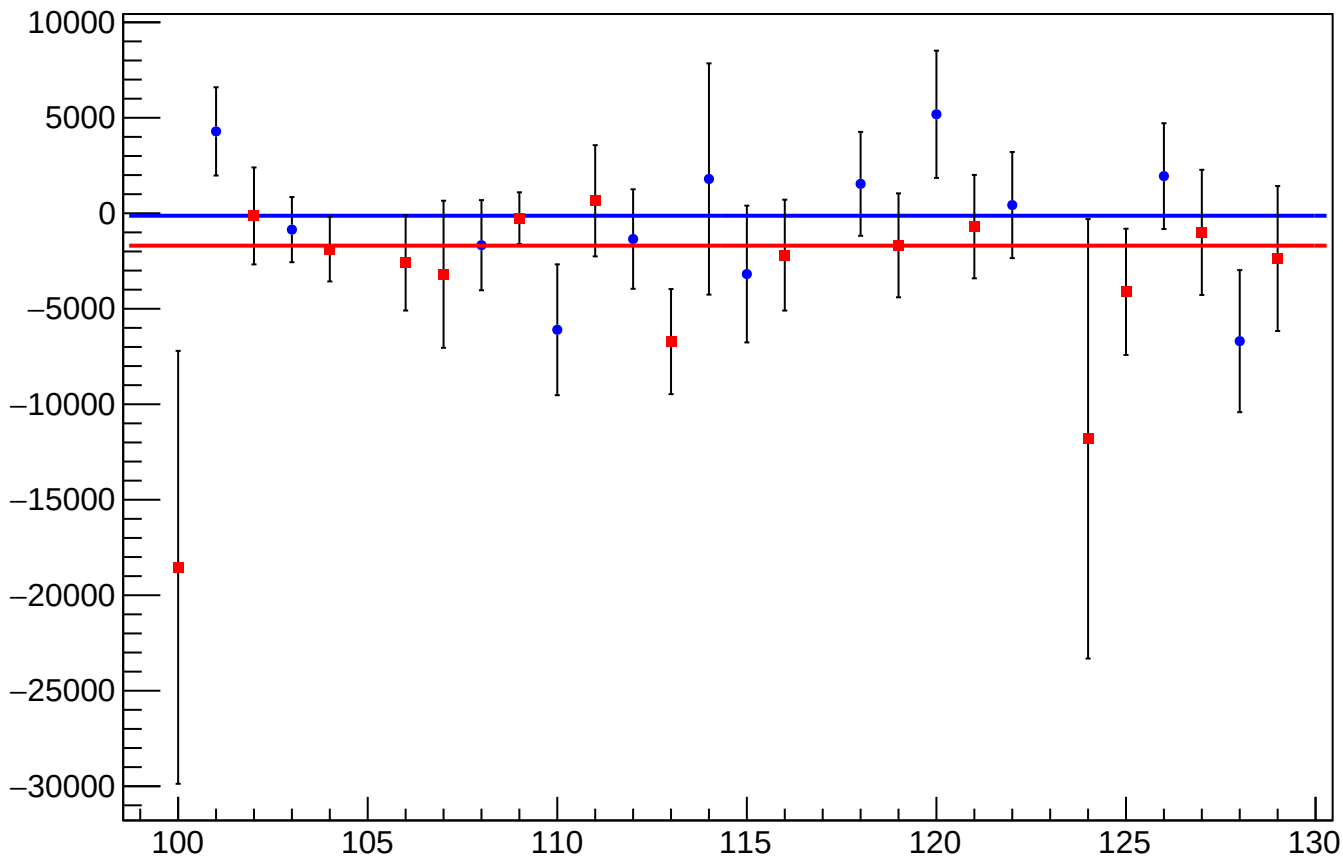
Right: 1561.592+/-0.343 χ^2/NDF : 620921.2/26

In: 1567.212+/-0.504 χ^2/NDF : 308055.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1561.592+/-0.343 χ^2/NDF : 620921.2/26

asym_at2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -129.140+/-789.190 χ^2/NDF : 15.0/11

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

Right Out: -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

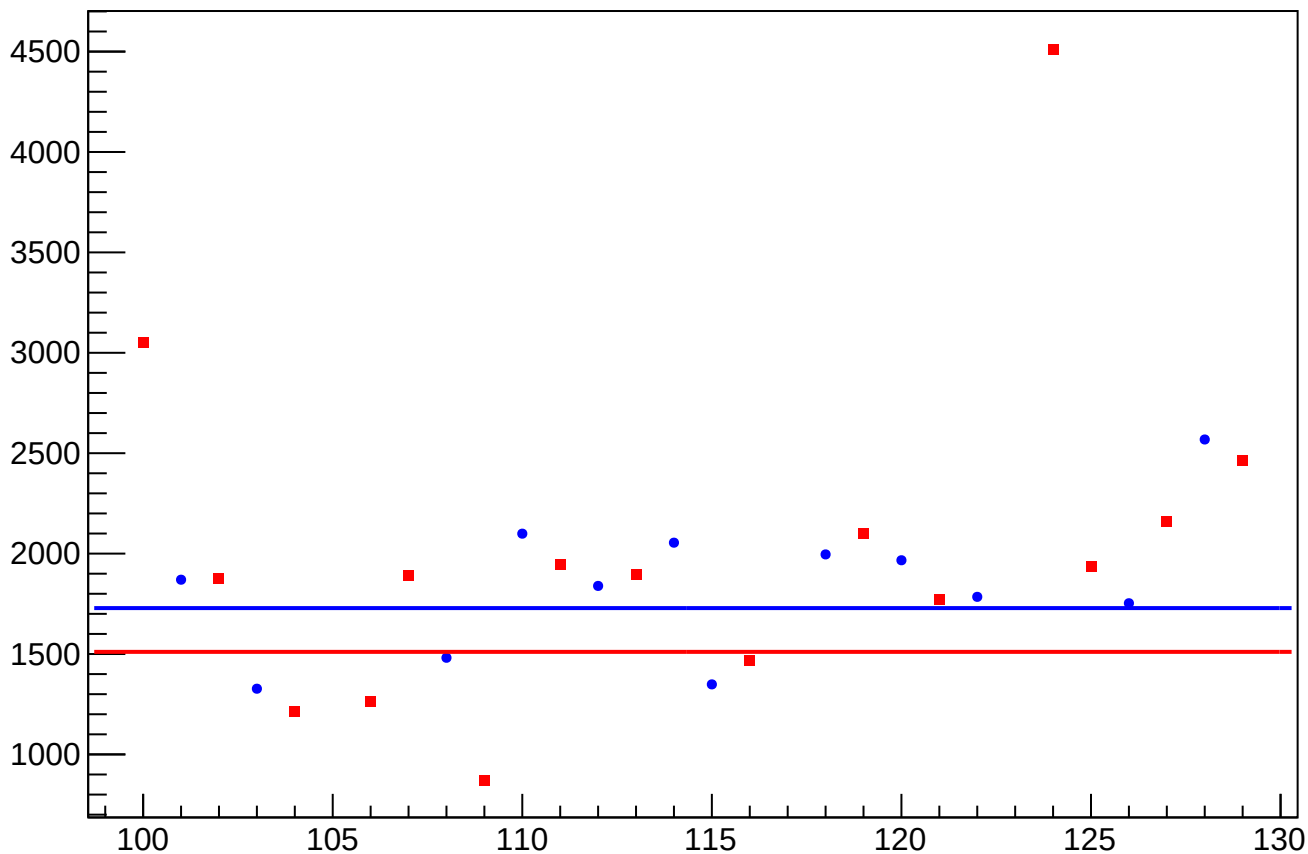
Right: -1032.533+/-513.301 χ^2/NDF : 26.8/26

In: -129.140+/-789.190 χ^2/NDF :15.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1032.533+/-513.301 χ^2/NDF : 26.8/26

asym_at2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1728.664+/-0.558 χ^2/NDF : 327884.4/11

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

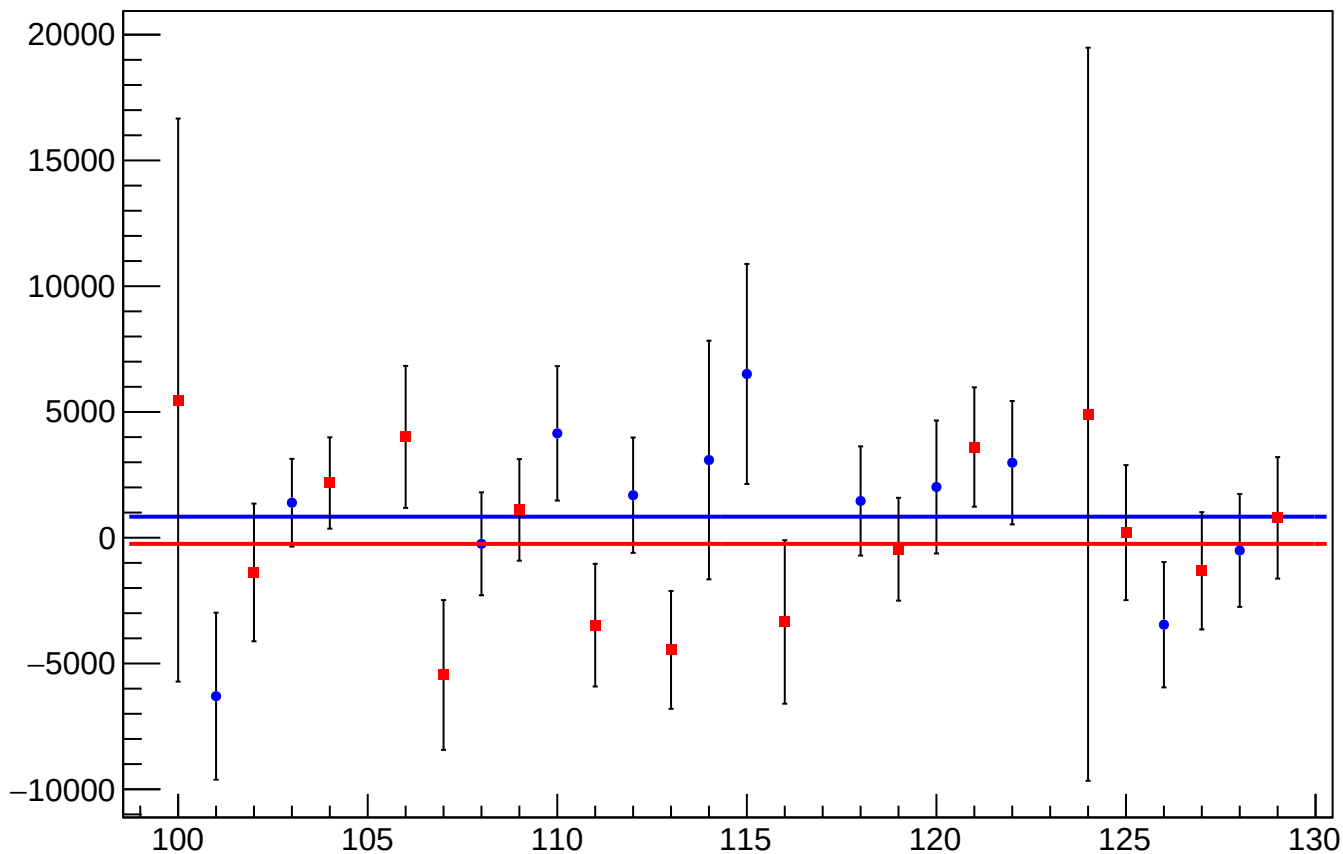
Right: 1602.901+/-0.363 χ^2/NDF : 1612800.1/26

In: 1728.664+/-0.558 χ^2/NDF :327884.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1602.901+/-0.363 χ^2/NDF : 1612800.1/26

eigen_cor_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 836.676+/-713.034 χ^2/NDF : 13.0/11

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

Right Out: -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

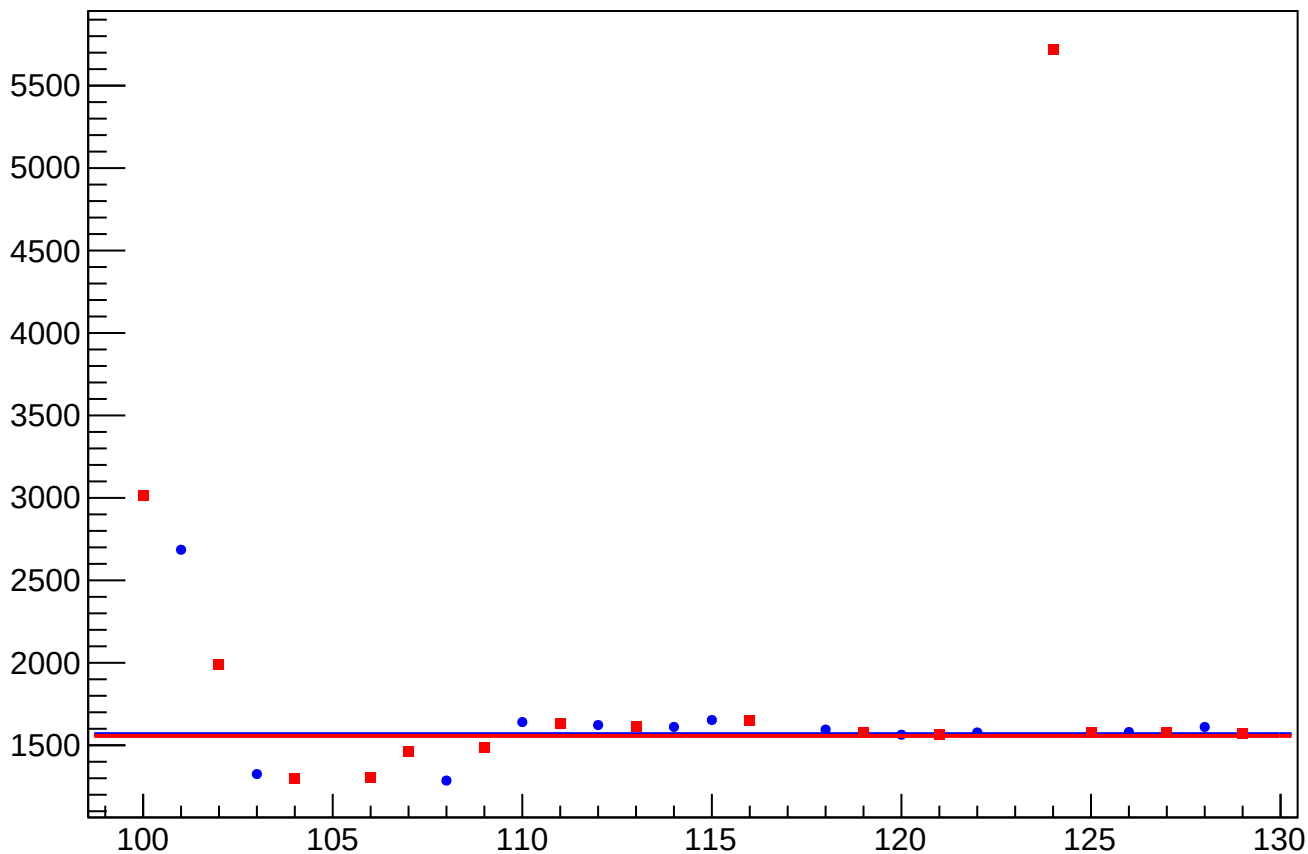
Right: 255.405+/-484.720 χ^2/NDF : 31.3/26

In: 836.676+/-713.034 χ^2/NDF : 13.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 255.405+/-484.720 χ^2/NDF : 31.3/26

eigen_cor_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1567.212+/-0.504 χ^2/NDF : 308055.2/11

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

Right Out: 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

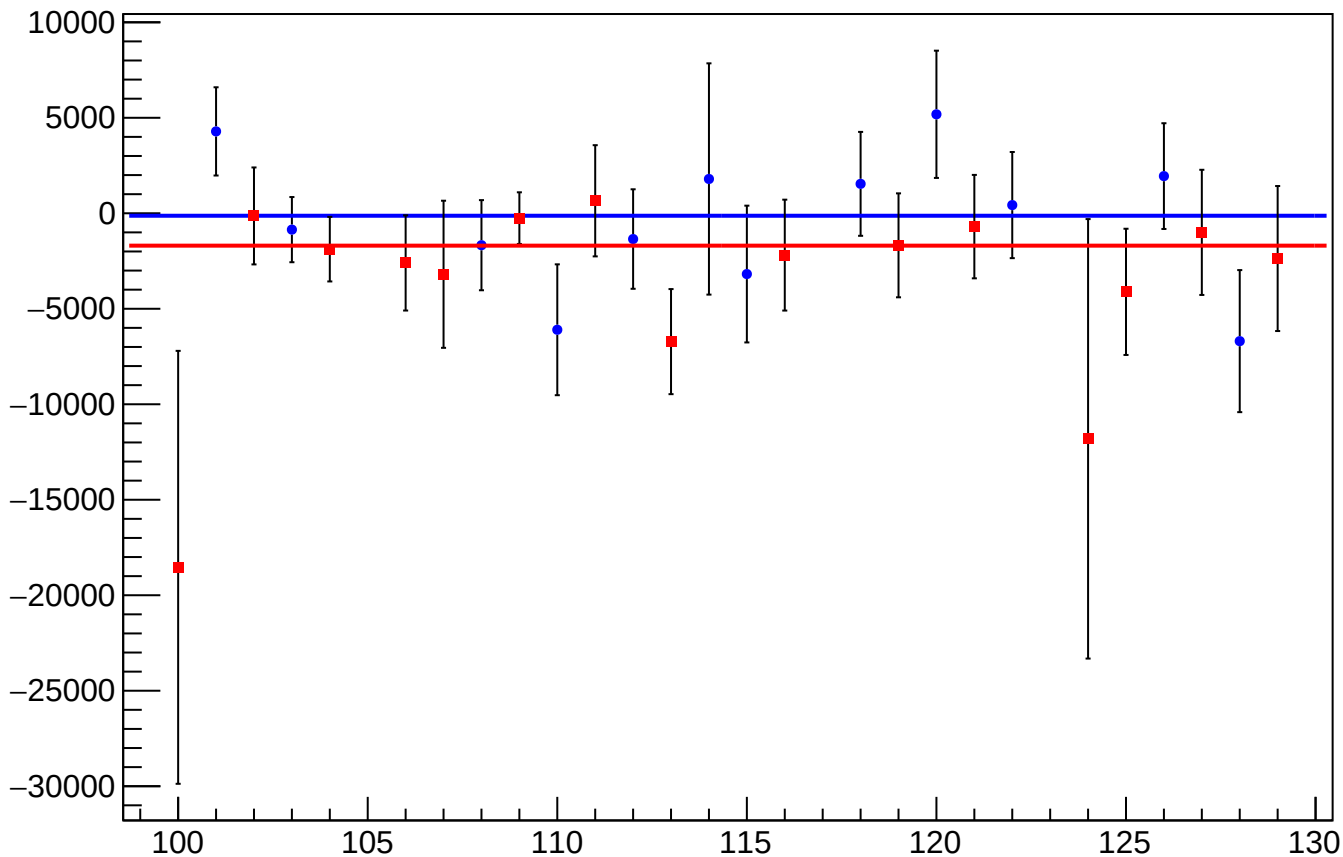
Right: 1561.592+/-0.343 χ^2/NDF : 620921.2/26

In: 1567.212+/-0.504 χ^2/NDF : 308055.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1561.592+/-0.343 χ^2/NDF : 620921.2/26

asym_at2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -129.140+/-789.190 χ^2/NDF : 15.0/11

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

Right Out: -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

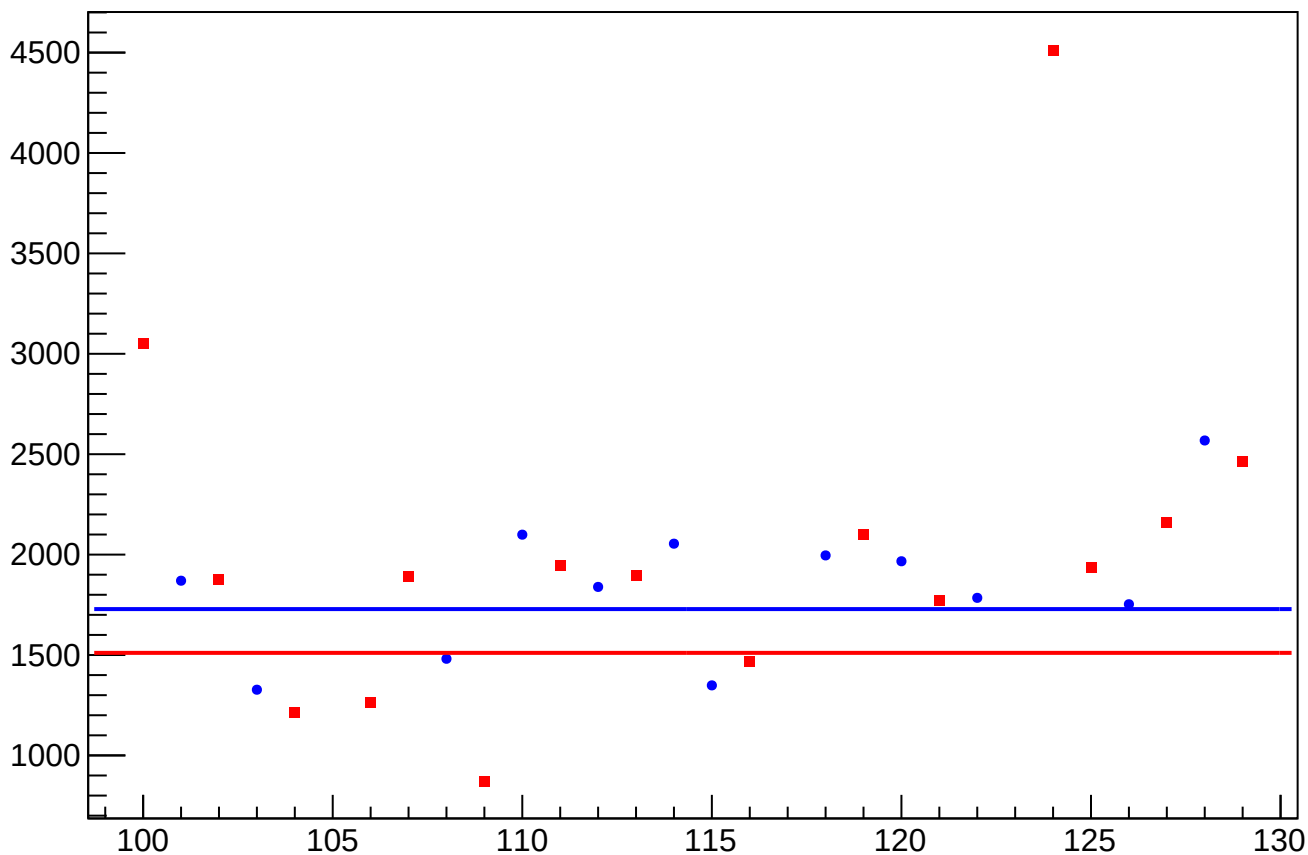
Right: -1032.533+/-513.301 χ^2/NDF : 26.8/26

In: -129.140+/-789.190 χ^2/NDF : 15.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1032.533+/-513.301 χ^2/NDF : 26.8/26

asym_at2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1728.664+/-0.558 χ^2/NDF : 327884.4/11

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

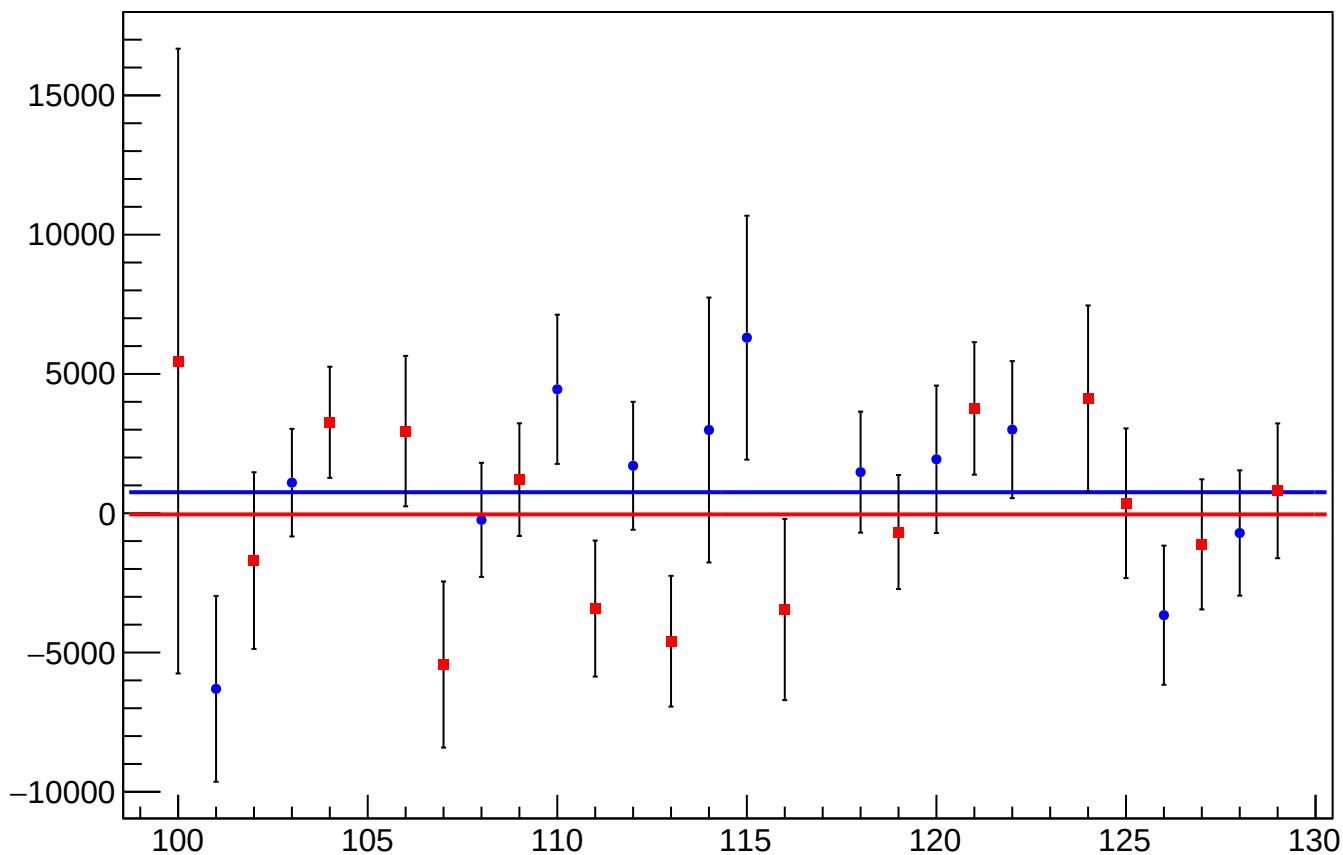
Right: 1602.901+/-0.363 χ^2/NDF : 1612800.1/26

In: 1728.664+/-0.558 χ^2/NDF : 327884.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1602.901+/-0.363 χ^2/NDF : 1612800.1/26

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 754.512+/-725.511 χ^2/NDF : 13.3/11

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

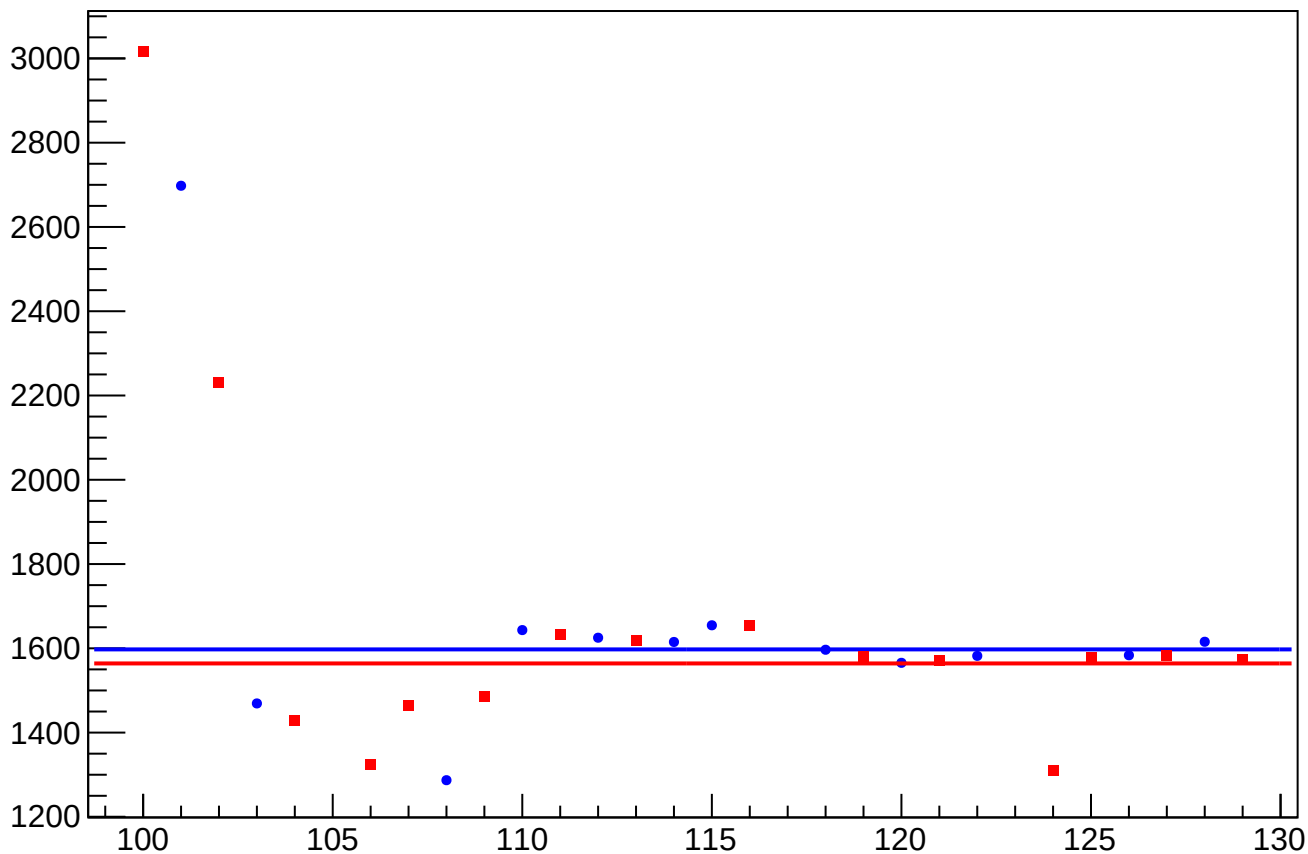
Right: 319.220+/-488.294 χ^2/NDF : 33.5/26

In: 754.512+/-725.511 χ^2/NDF : 13.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 319.220+/-488.294 χ^2/NDF : 33.5/26

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1597.450+/-0.513 χ^2/NDF : 274248.3/11

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

Right Out: 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

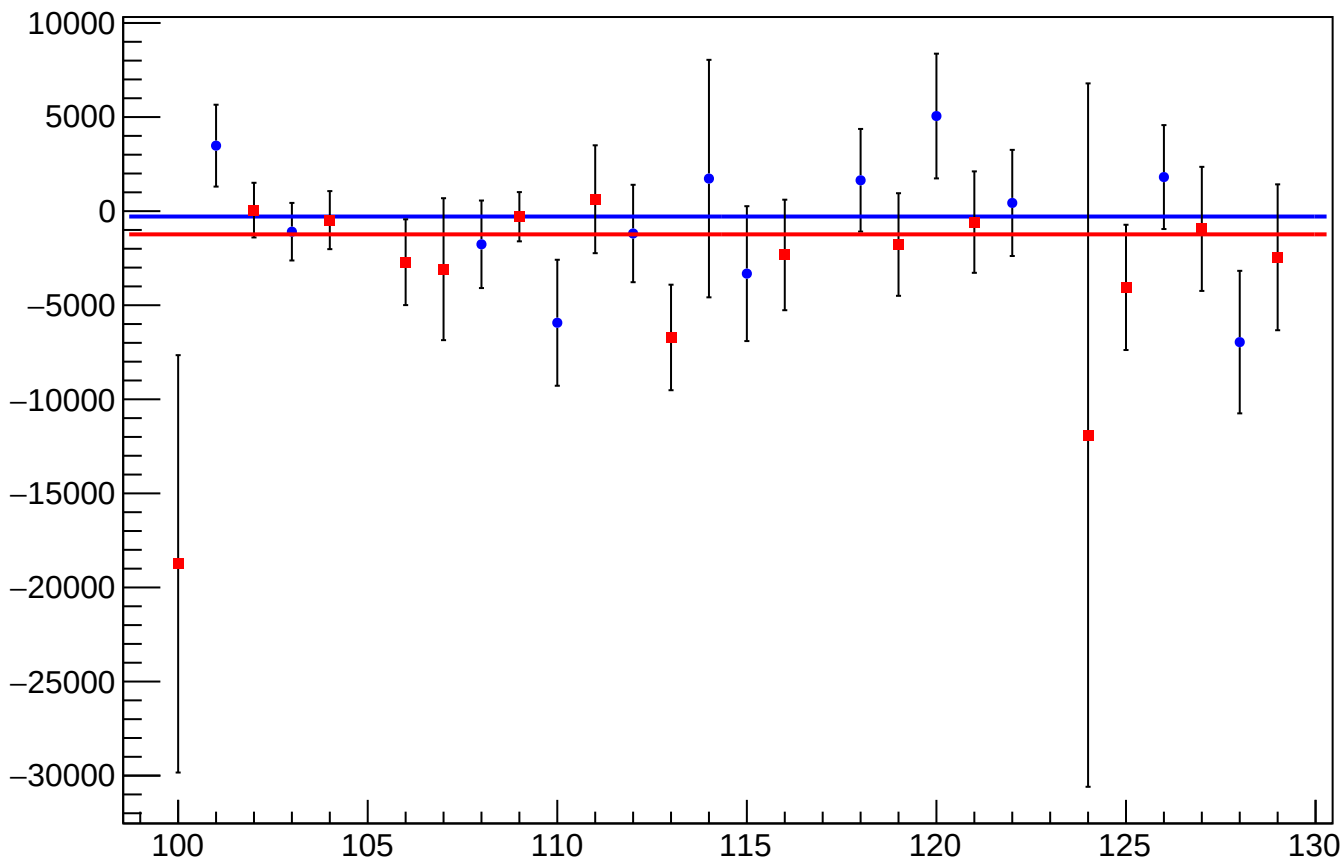
Right: 1579.218+/-0.345 χ^2/NDF : 444449.1/26

In: 1597.450+/-0.513 χ^2/NDF : 274248.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1579.218+/-0.345 χ^2/NDF : 444449.1/26

asym_at2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -286.165 ± 763.204 χ^2/NDF : 14.3/11

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

Right Out: -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

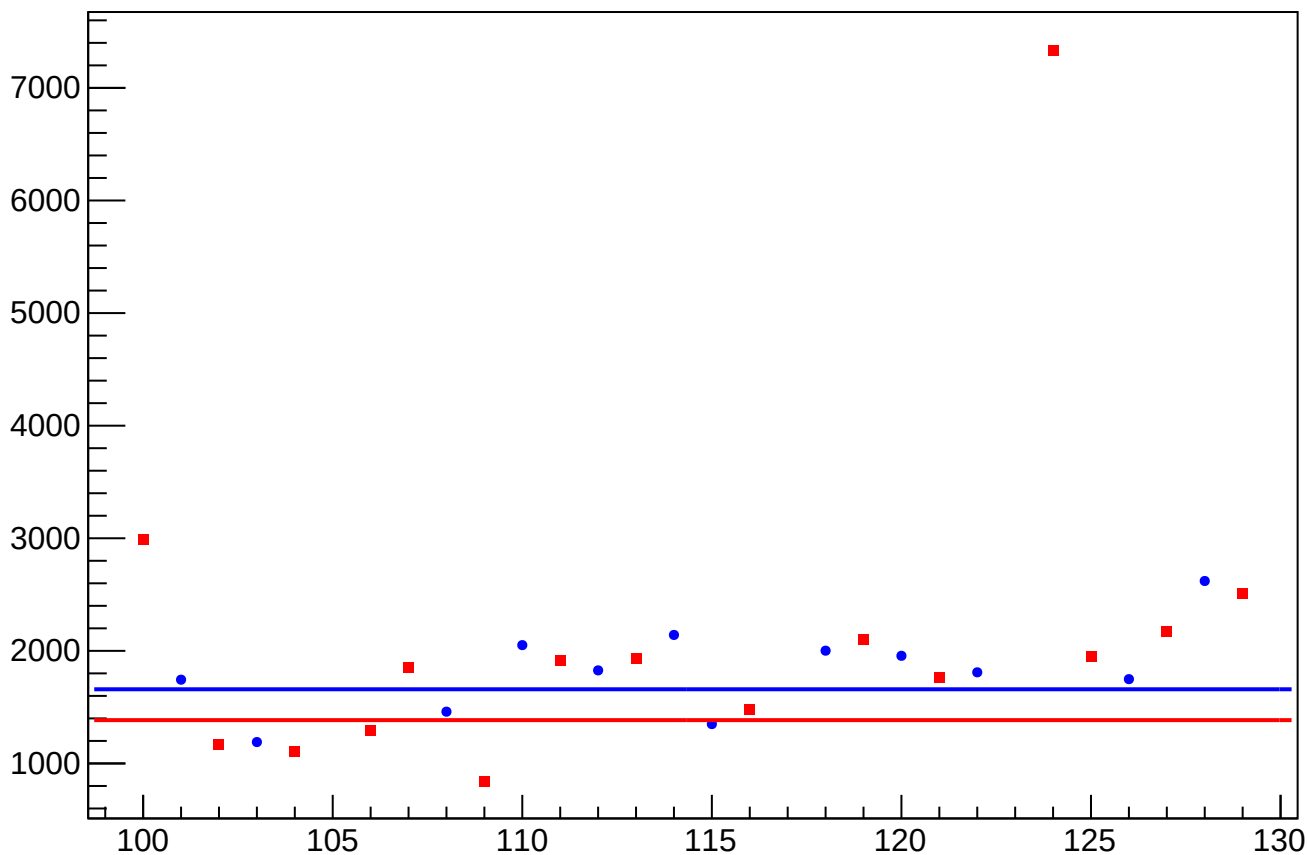
Right: -860.210 ± 479.193 χ^2/NDF : 25.6/26

In: -286.165 ± 763.204 χ^2/NDF : 14.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -860.210 ± 479.193 χ^2/NDF : 25.6/26

asym_at2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1658.792+/-0.540 χ^2/NDF : 452278.3/11

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

Right Out: 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

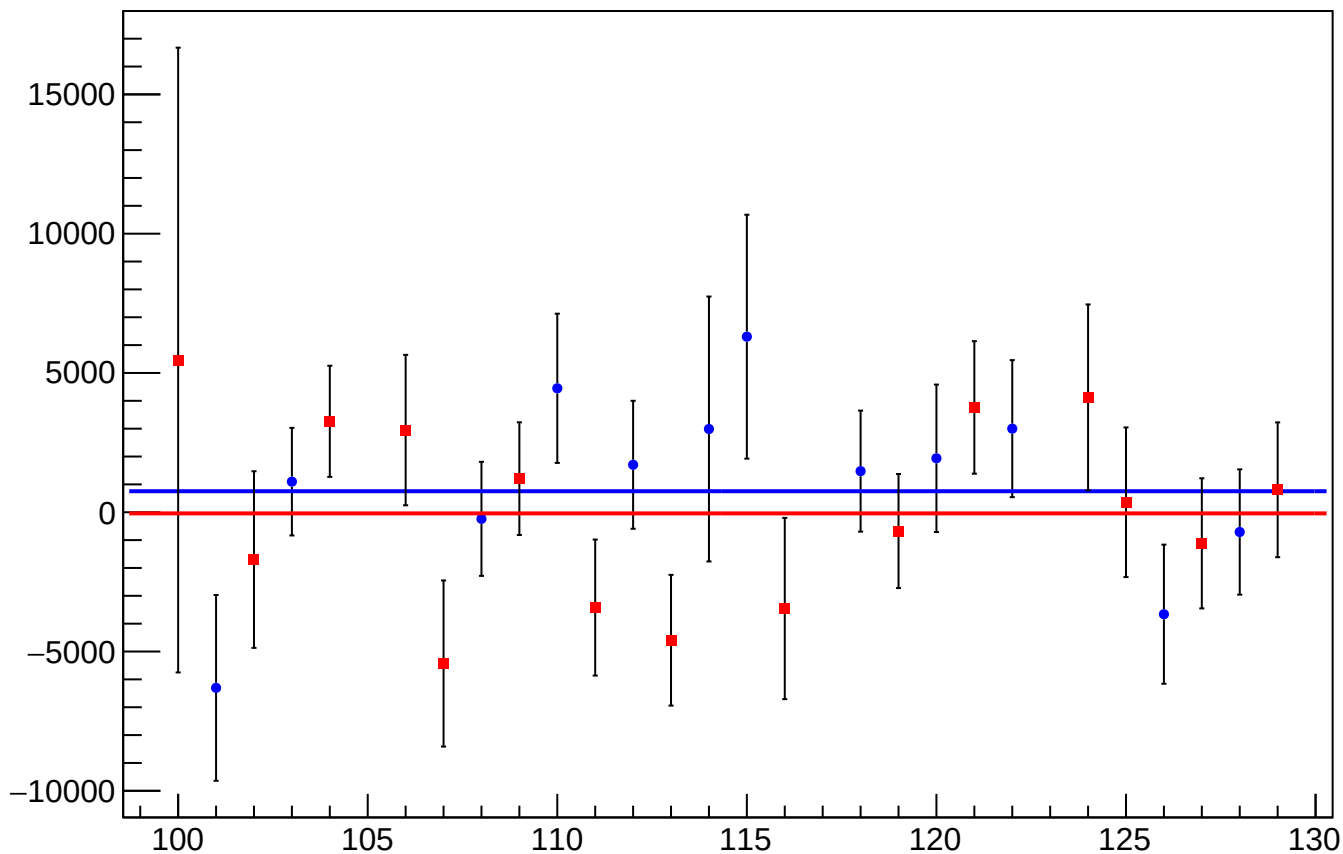
Right: 1492.774+/-0.339 χ^2/NDF : 2009011.4/26

In: 1658.792+/-0.540 χ^2/NDF : 452278.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1492.774+/-0.339 χ^2/NDF : 2009011.4/26

eigen_dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 754.509+/-725.511 χ^2/NDF : 13.3/11

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

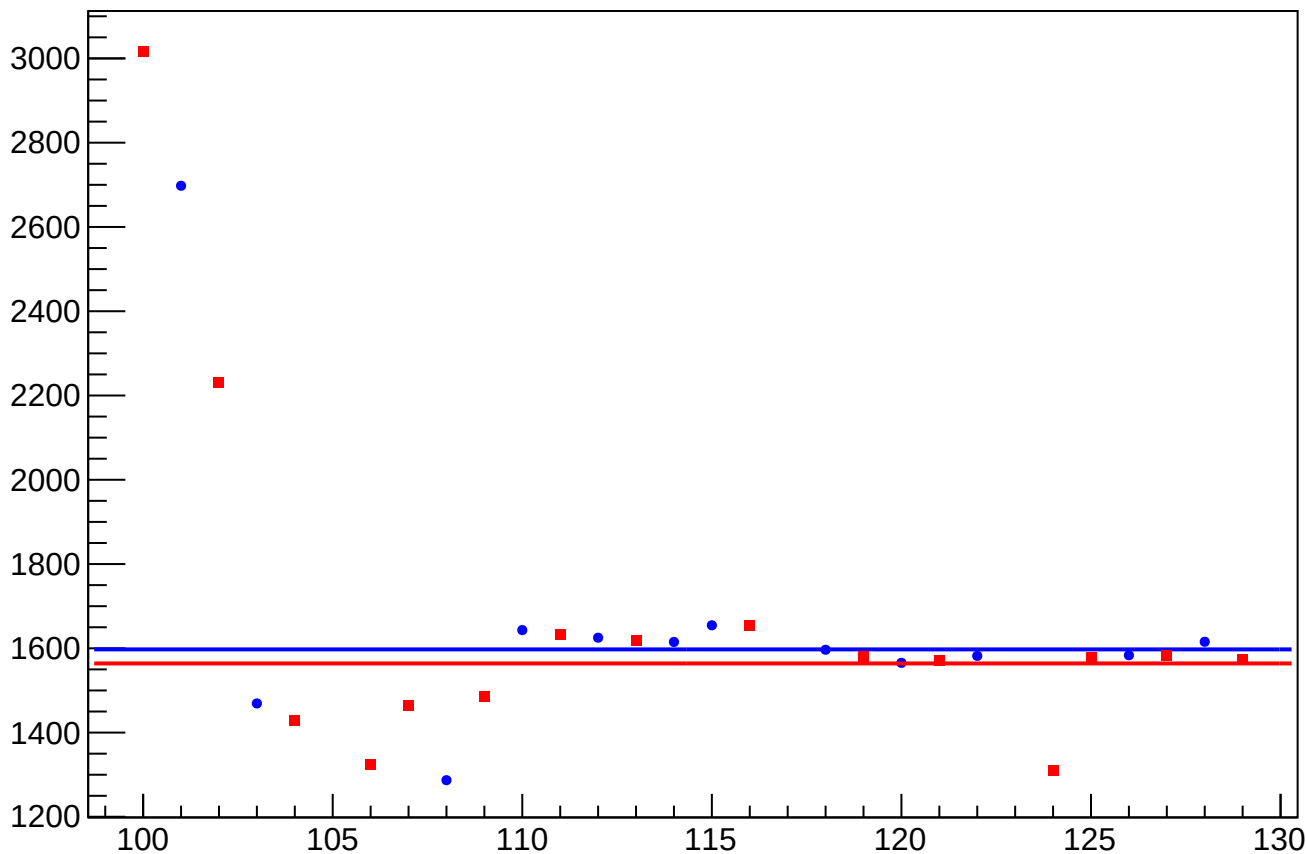
Right: 319.220+/-488.294 χ^2/NDF : 33.5/26

In: 754.509+/-725.511 χ^2/NDF : 13.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 319.220+/-488.294 χ^2/NDF : 33.5/26

eigen_dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1597.450+/-0.513 χ^2/NDF : 274248.1/11

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

Right Out: 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

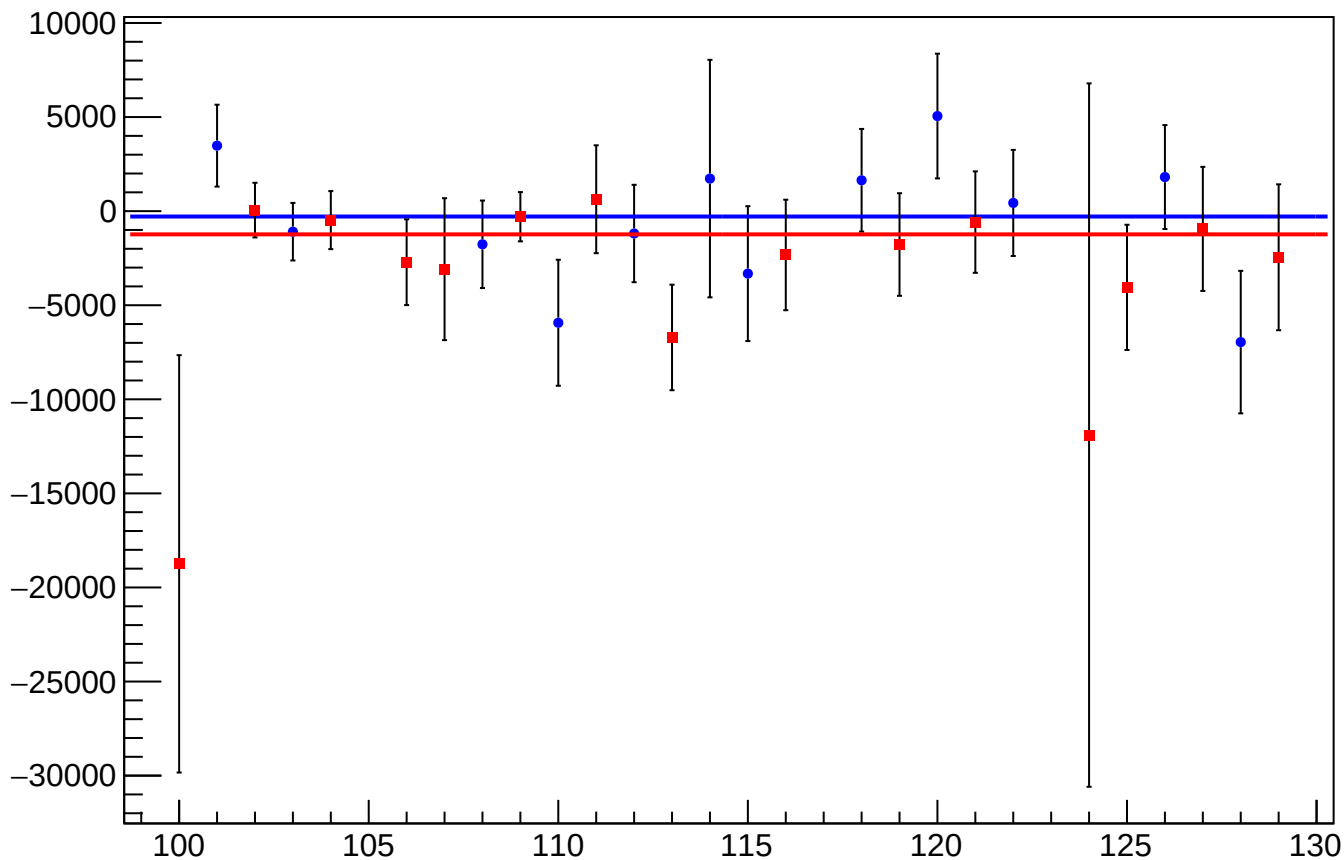
Right: 1579.218+/-0.345 χ^2/NDF : 444449.1/26

In: 1597.450+/-0.513 χ^2/NDF : 274248.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1579.218+/-0.345 χ^2/NDF : 444449.1/26

asym_at2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -286.164 ± 763.202 χ^2/NDF : 14.3/11

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

Right Out: -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

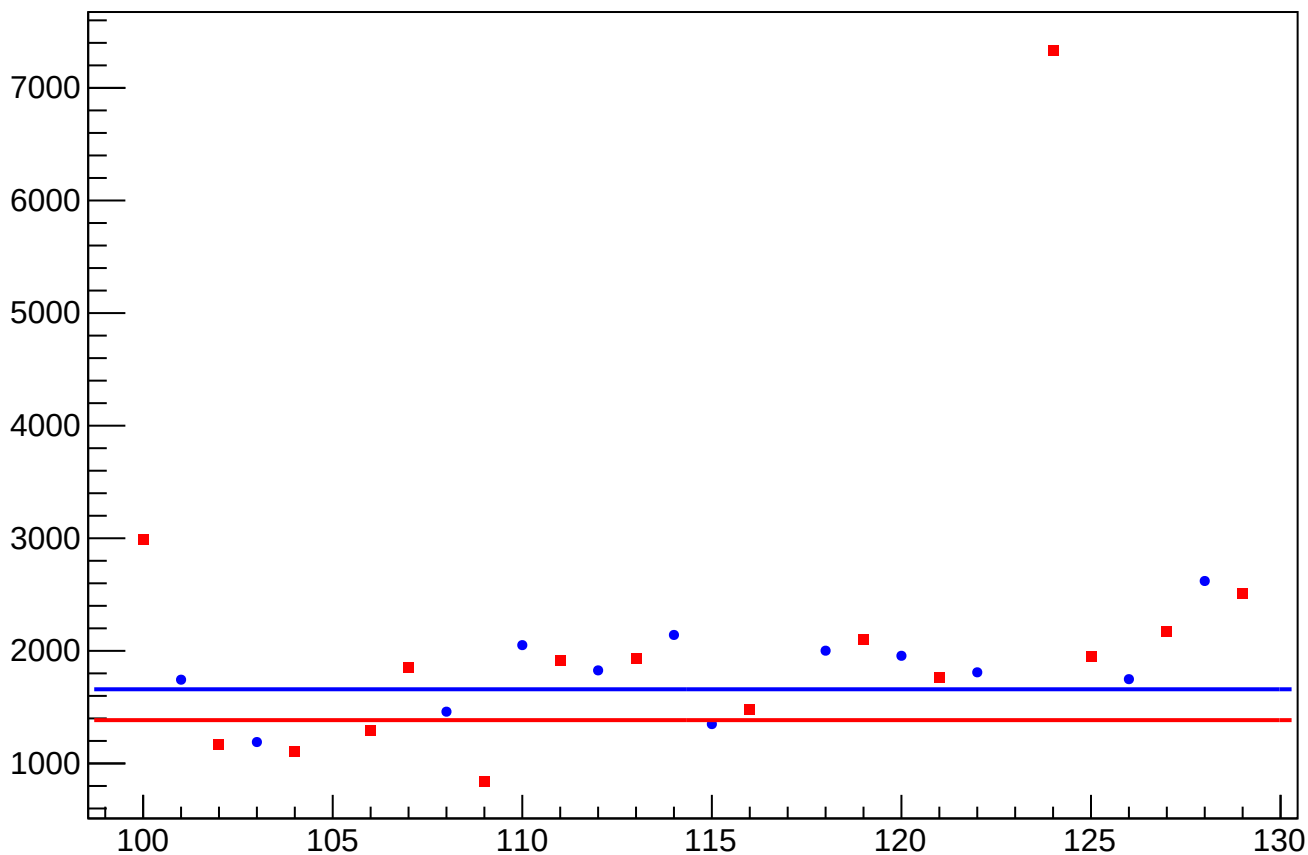
Right: -860.209 ± 479.194 χ^2/NDF : 25.6/26

In: -286.164 ± 763.202 χ^2/NDF : 14.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -860.209 ± 479.194 χ^2/NDF : 25.6/26

asym_at2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1658.789+/-0.540 χ^2/NDF : 452271.5/11

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

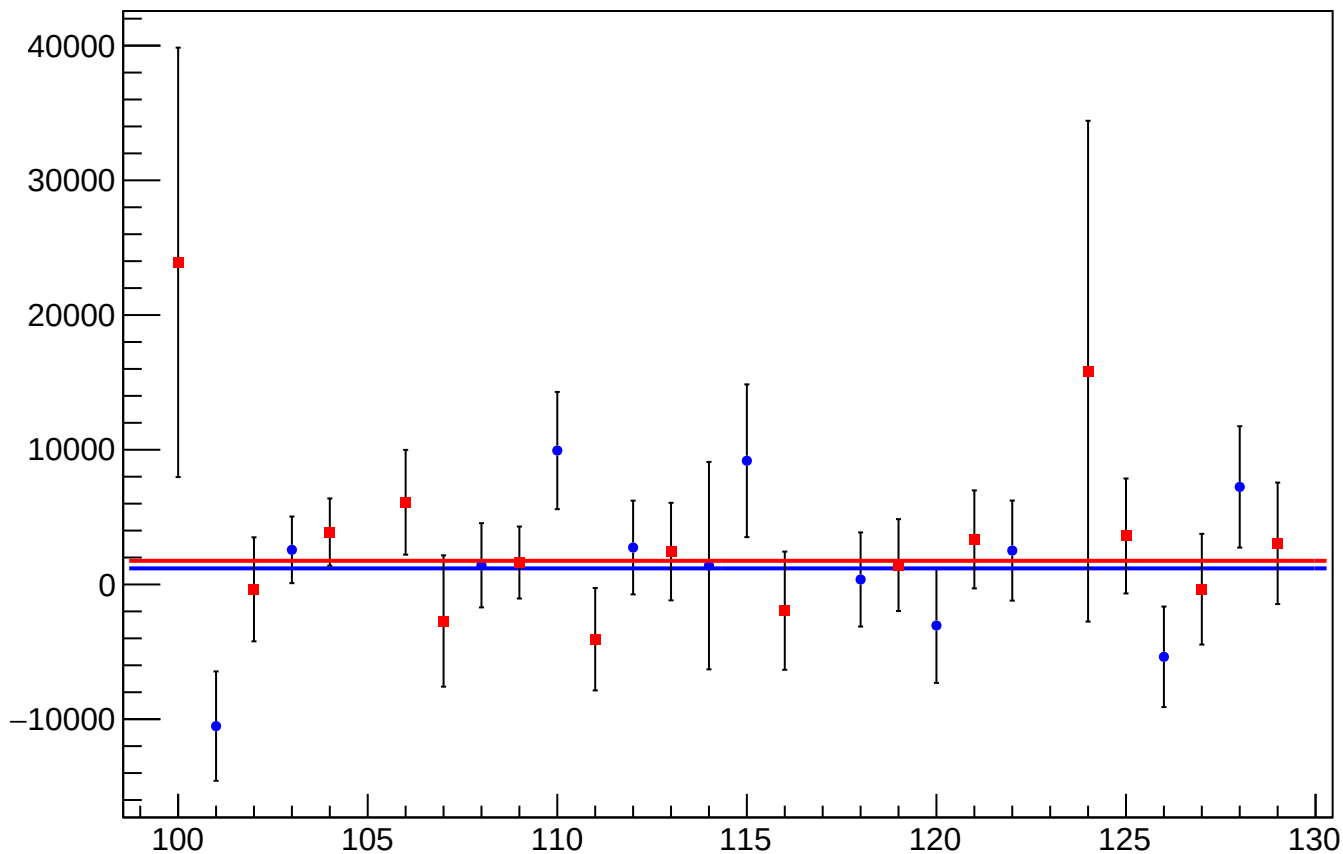
Right: 1492.777+/-0.339 χ^2/NDF : 2008964.2/26

In: 1658.789+/-0.540 χ^2/NDF : 452271.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1492.777+/-0.339 χ^2/NDF : 2008964.2/26

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1195.317+/-1090.856 χ^2/NDF : 20.9/11

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

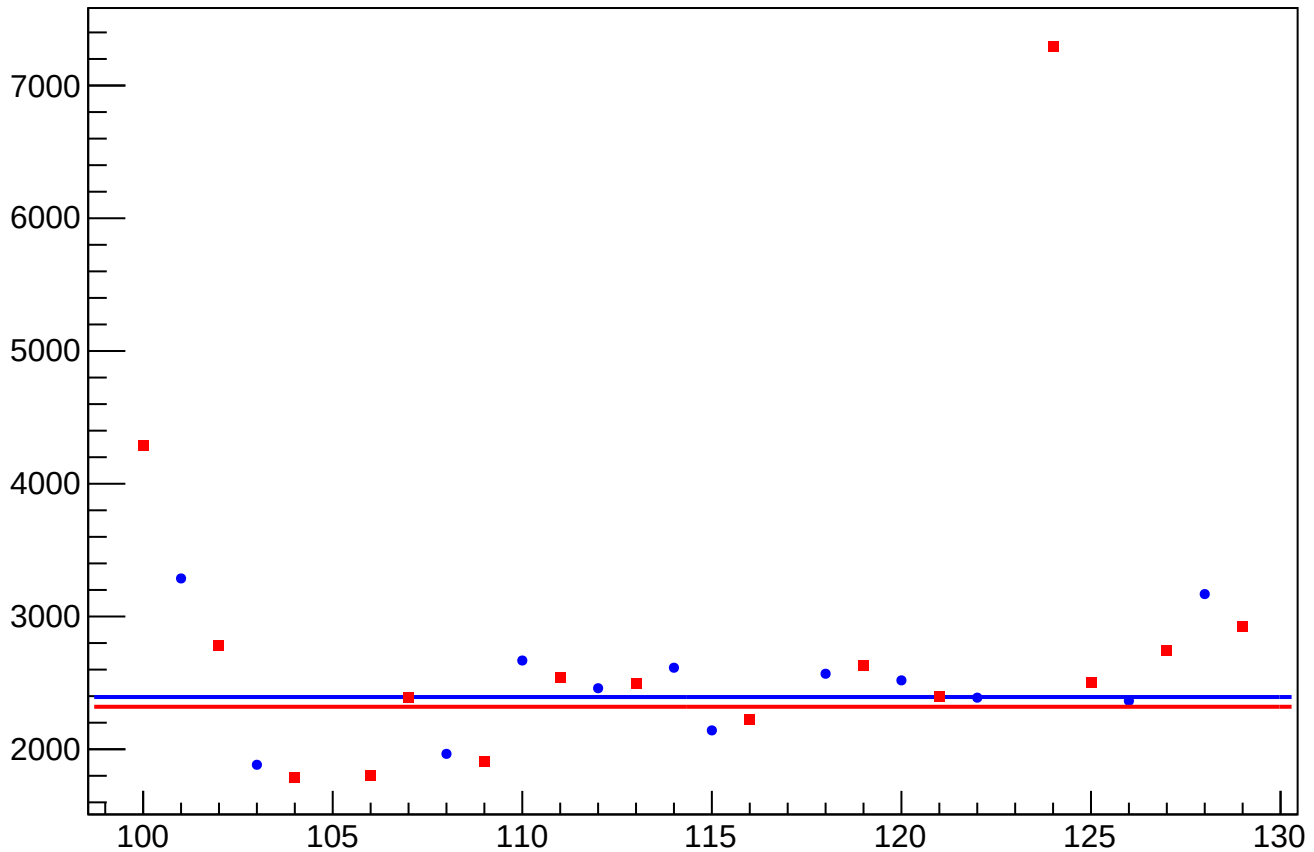
Right: 1501.125+/-736.116 χ^2/NDF : 30.5/26

In: 1195.317+/-1090.856 χ^2/NDF : 20.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1501.125+/-736.116 χ^2/NDF : 30.5/26

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2393.385+/-0.771 χ^2/NDF : 299939.8/11

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

Right Out: 2319.991+/-0.705 χ^2/NDF : 469142.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

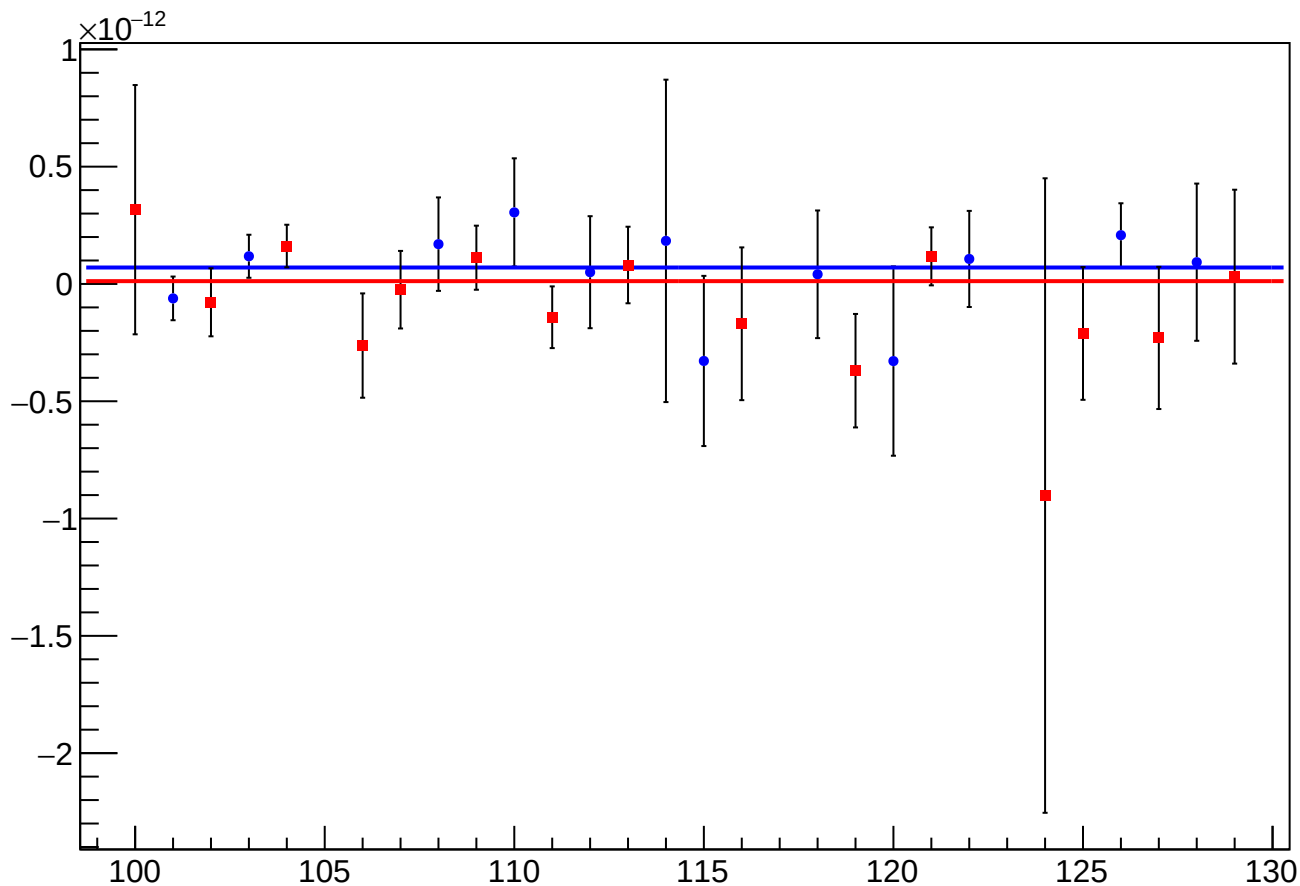
Right: 2353.412+/-0.521 χ^2/NDF : 774013.2/26

In: 2393.385+/-0.771 χ^2/NDF : 299939.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2353.412+/-0.521 χ^2/NDF : 774013.2/26

asym_at2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.9/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 12.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

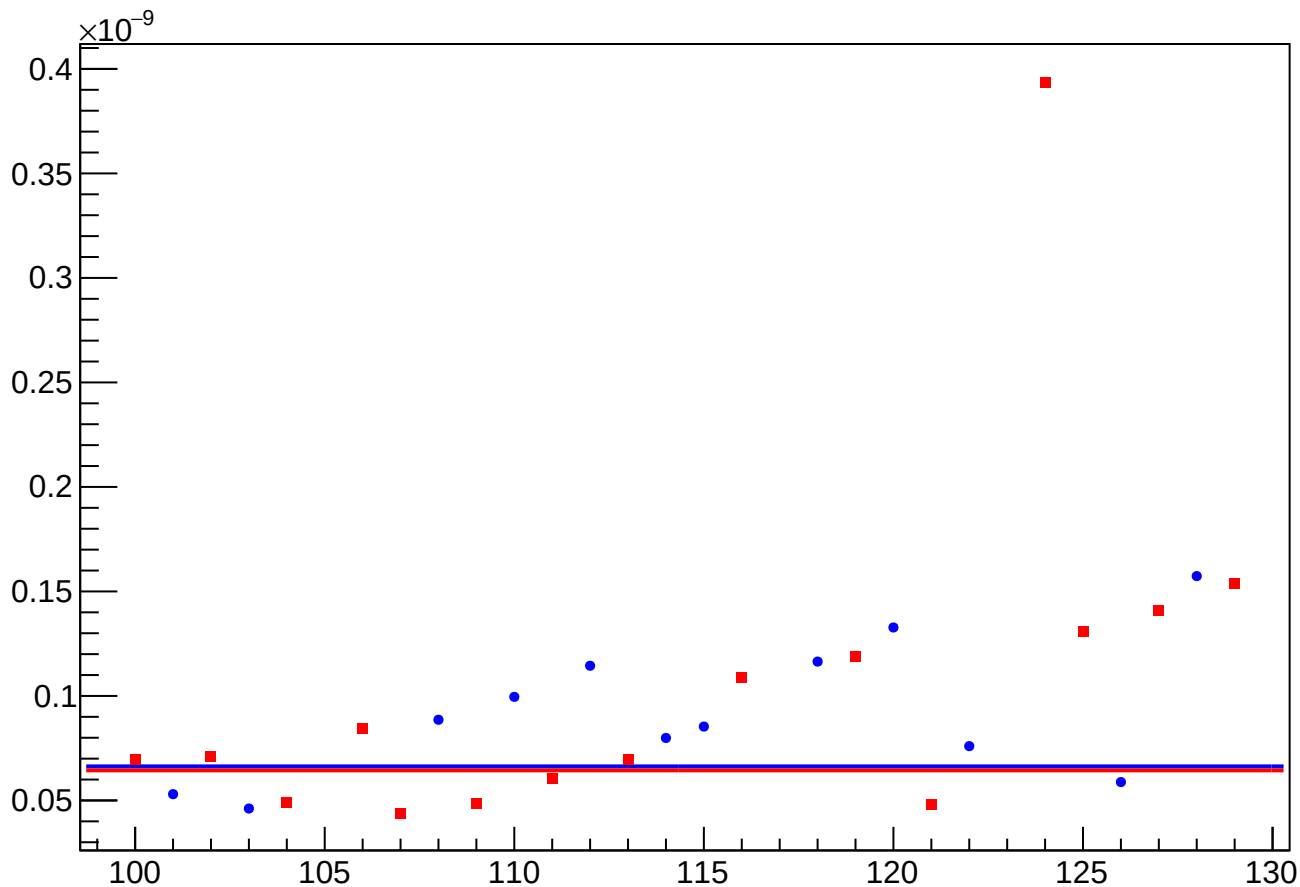
Right: 0.000+/-0.000 χ^2/NDF : 20.0/26

In: 0.000+/-0.000 χ^2/NDF : 6.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.0/26

asym_at2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 572332.7/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 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

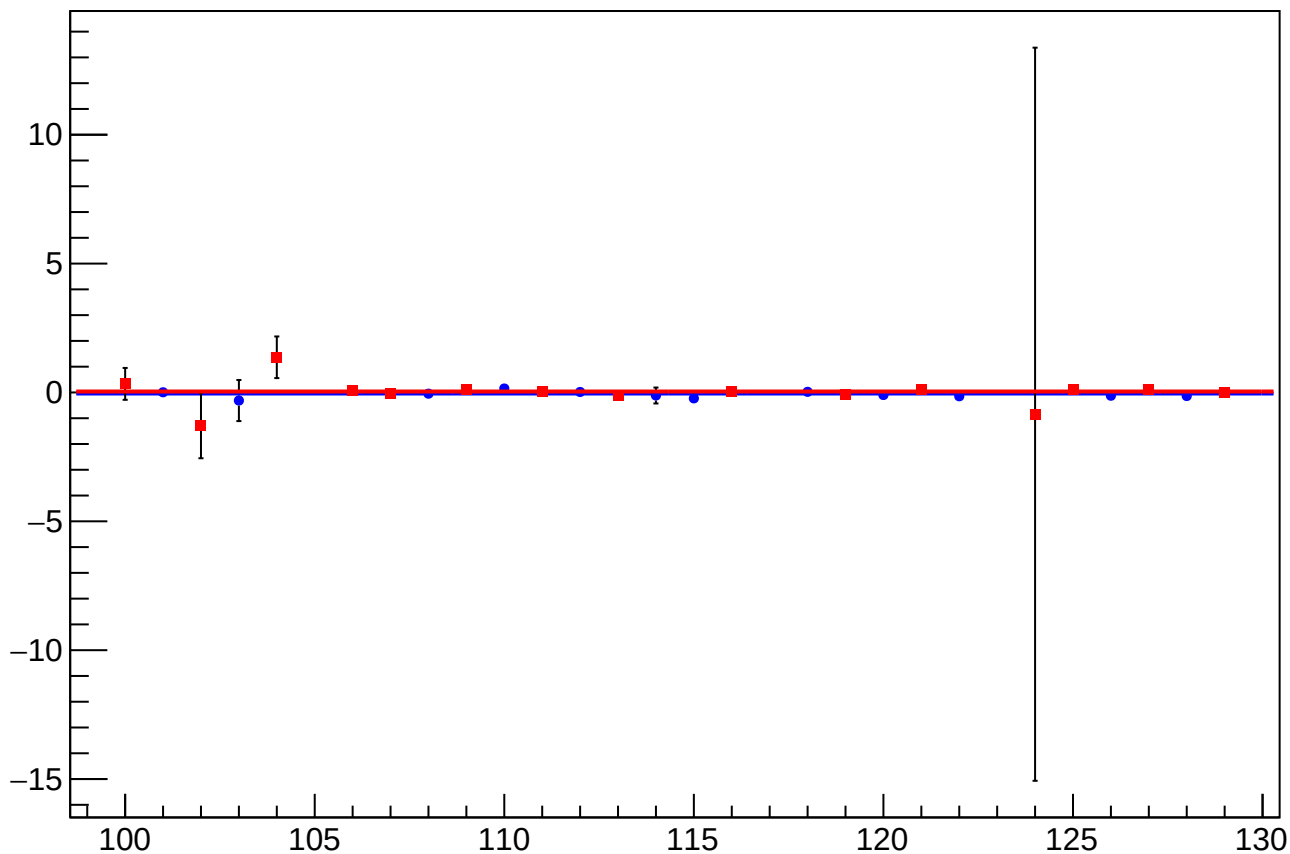
Right: 0.000+/-0.000 χ^2/NDF : 1360109.0/26

In: 0.000+/-0.000 χ^2/NDF : 572332.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1360109.0/26

asym_at2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040 ± 0.035 χ^2/NDF : 6.1/11

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

Right Out: 0.036 ± 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

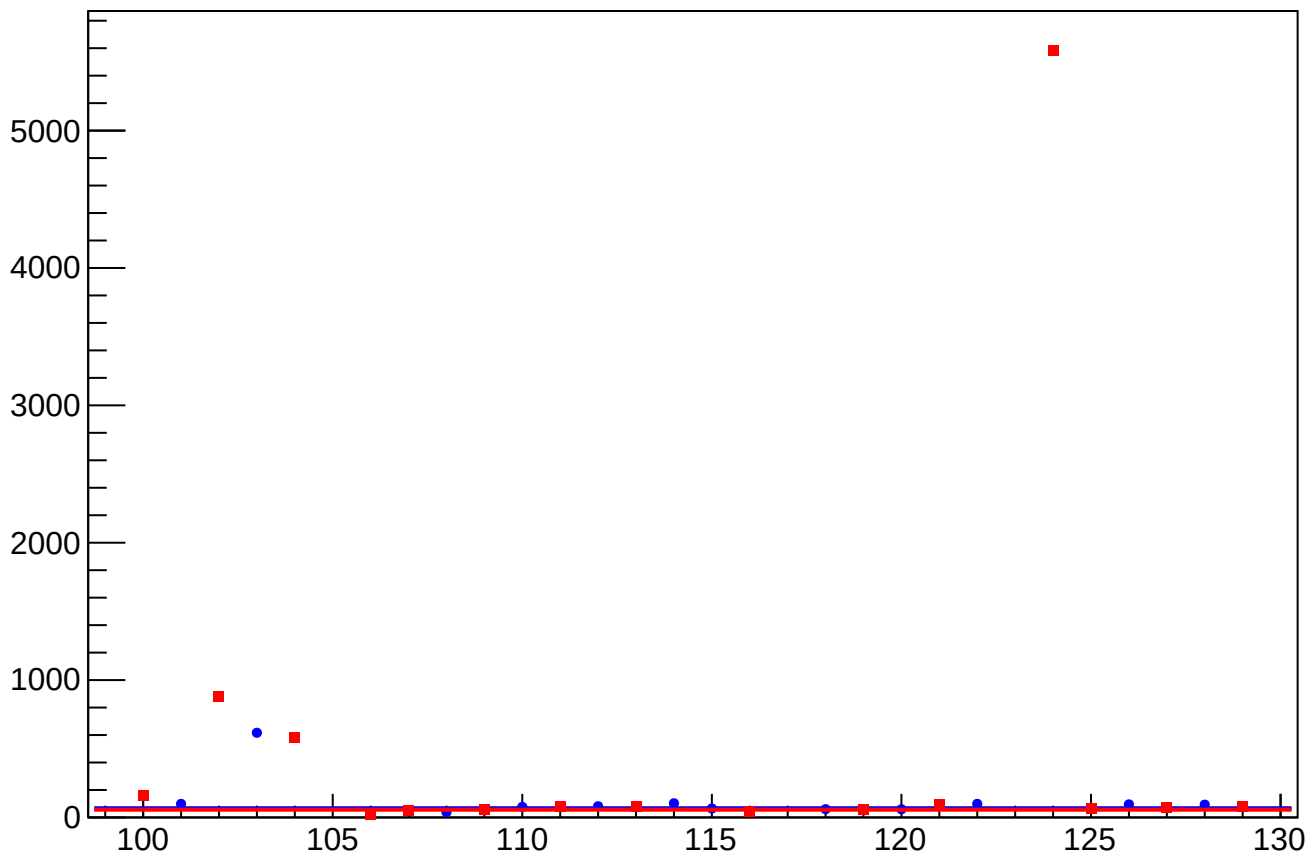
Right: 0.004 ± 0.022 χ^2/NDF : 19.6/26

In: -0.040 ± 0.035 χ^2/NDF : 6.1/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.004 ± 0.022 χ^2/NDF : 19.6/26

asym_at2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 67.336+/-0.025 χ^2/NDF : 1754395.2/11

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

Right Out: 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

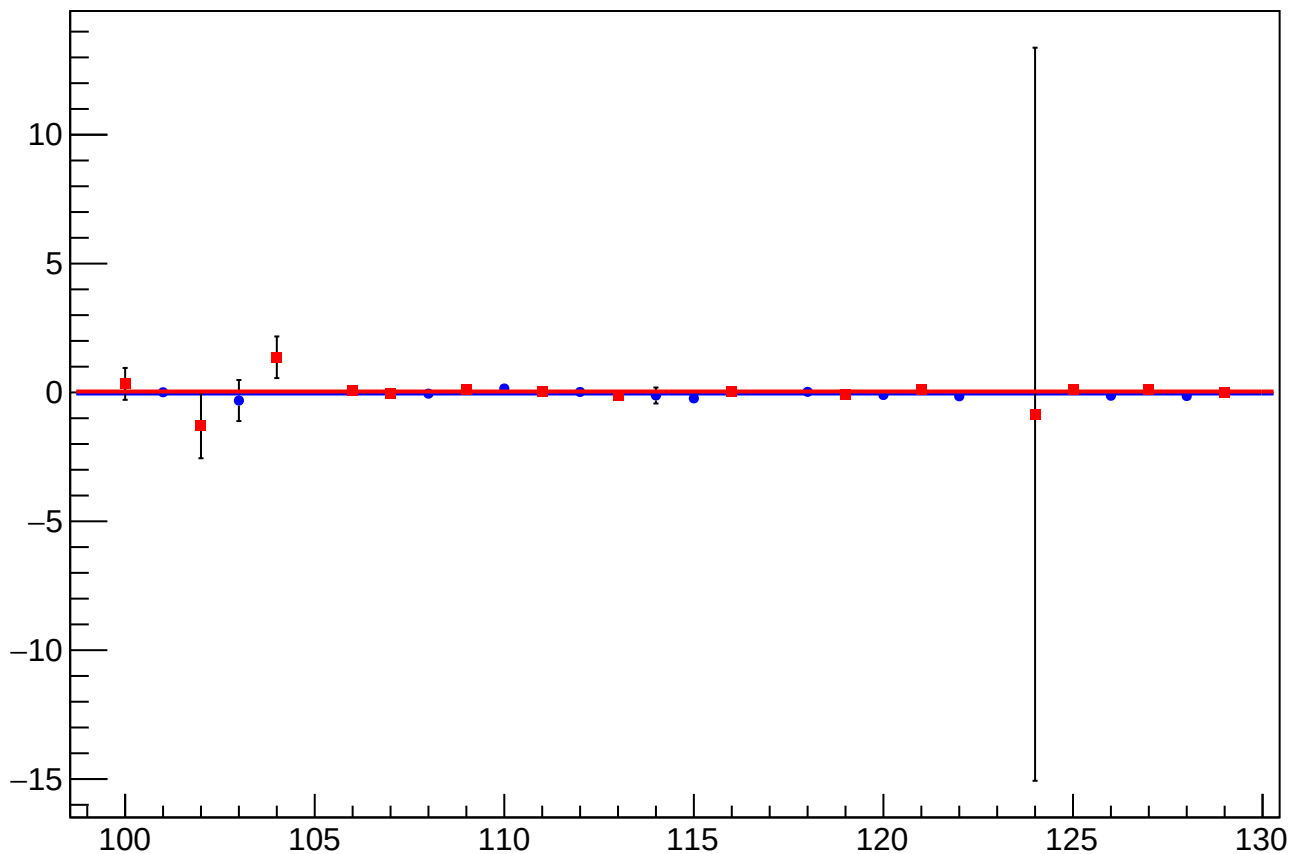
Right: 60.968+/-0.016 χ^2/NDF : 4868909.3/26

In: 67.336+/-0.025 χ^2/NDF : 1754395.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.968+/-0.016 χ^2/NDF : 4868909.3/26

asym_at2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040 ± 0.035 χ^2/NDF : 6.1/11

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

Right Out: 0.036 ± 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

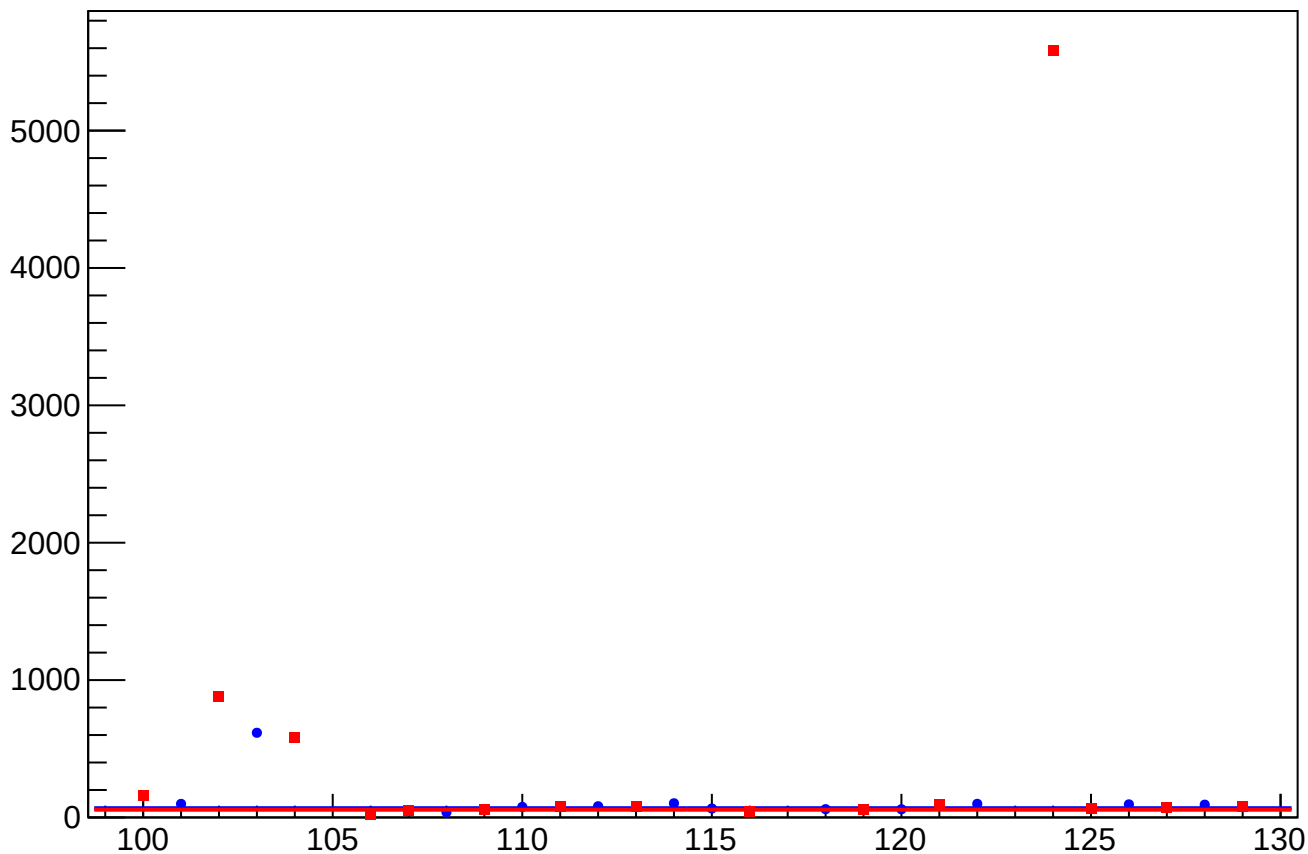
Right: 0.004 ± 0.022 χ^2/NDF : 19.6/26

In: -0.040 ± 0.035 χ^2/NDF : 6.1/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.004 ± 0.022 χ^2/NDF : 19.6/26

asym_at2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 67.336+/-0.025 χ^2/NDF : 1754395.2/11

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

Right Out: 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

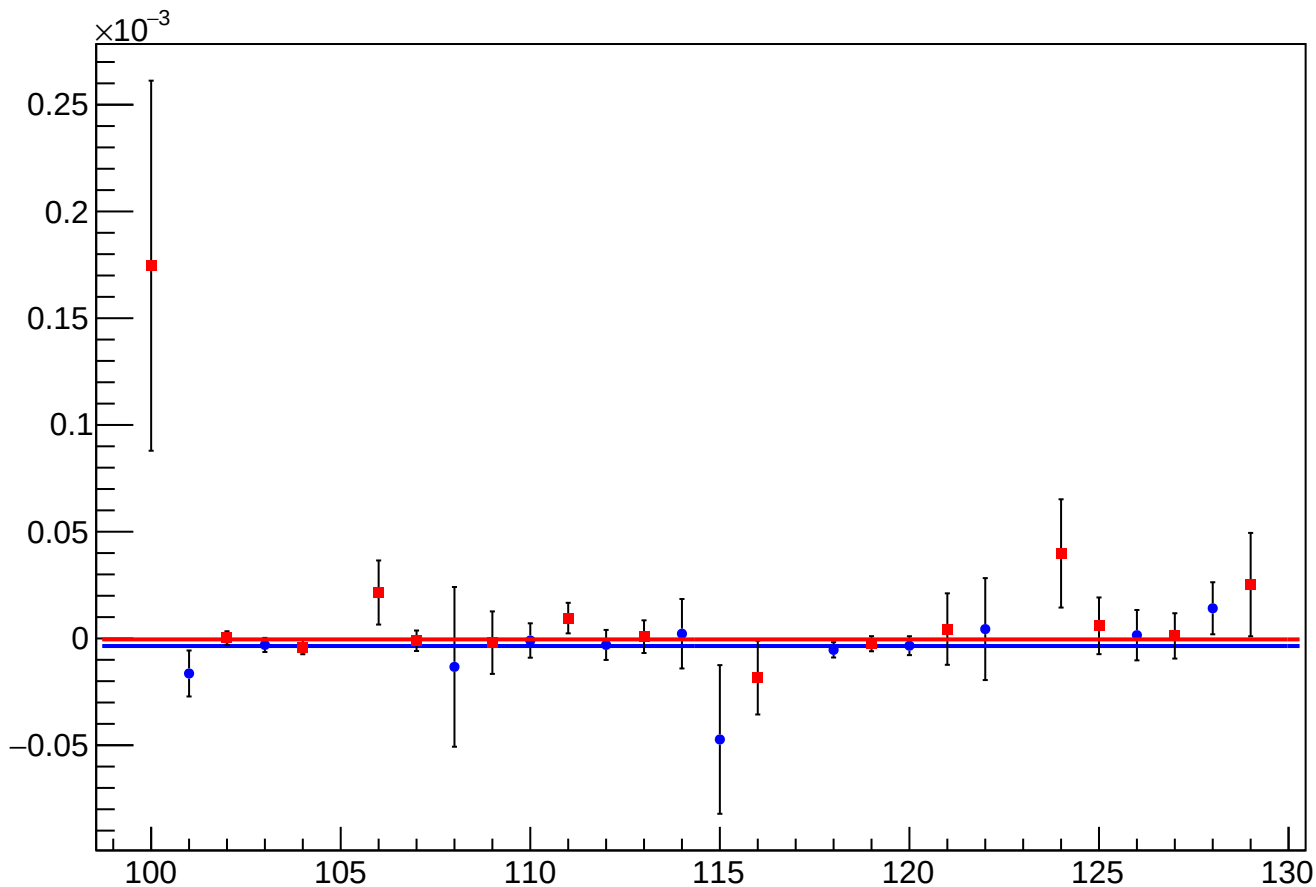
Right: 60.968+/-0.016 χ^2/NDF : 4868909.3/26

In: 67.336+/-0.025 χ^2/NDF : 1754395.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.968+/-0.016 χ^2/NDF : 4868909.3/26

asym_at2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 6.0/11

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

Right Out: -0.000+/-0.000 χ^2 /NDF: 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

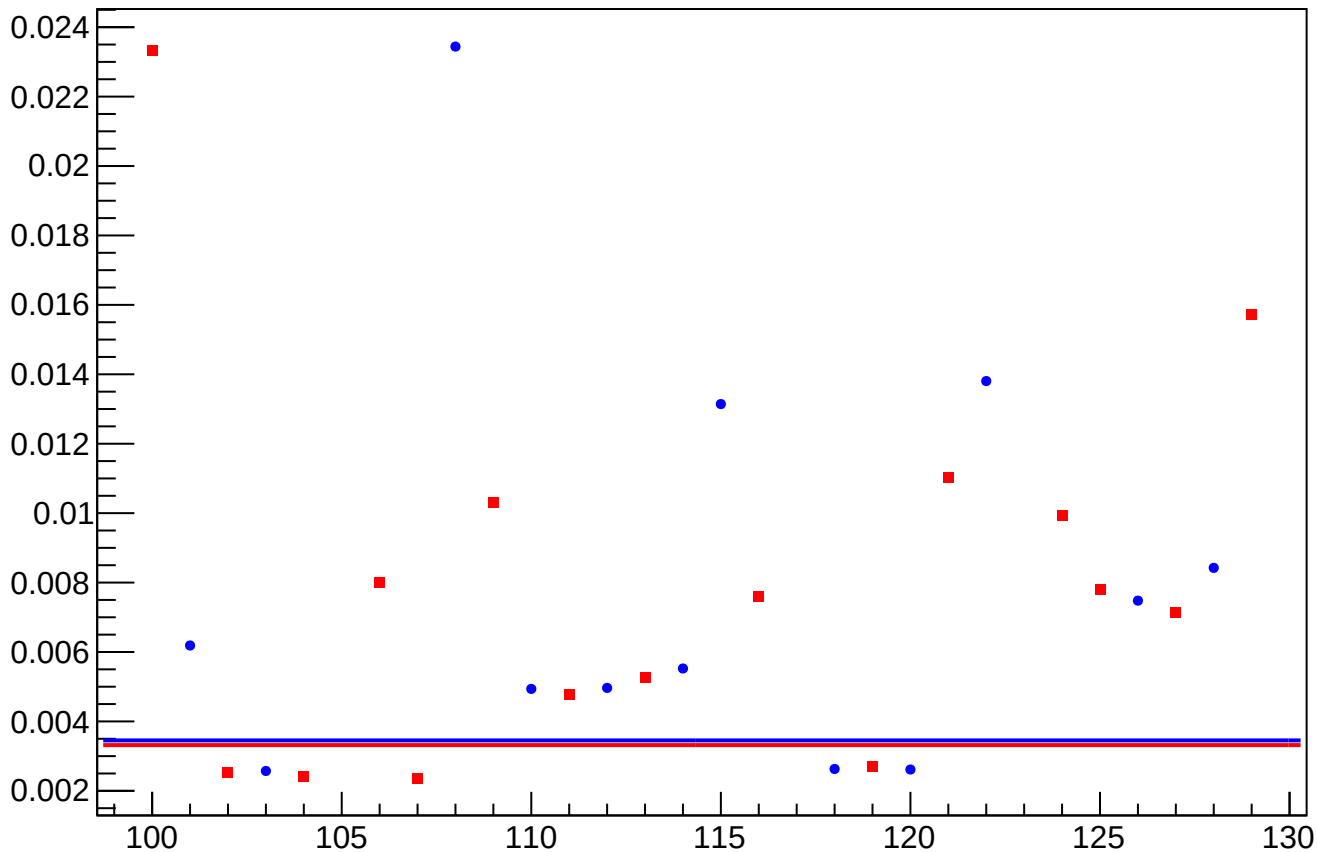
Right: -0.000+/-0.000 χ^2 /NDF: 22.4/26

In: -0.000+/-0.000 χ^2 /NDF:6.0/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 22.4/26

asym_at2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 2308635.9/11

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

Right Out: 0.003+/-0.000 χ^2/NDF : 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

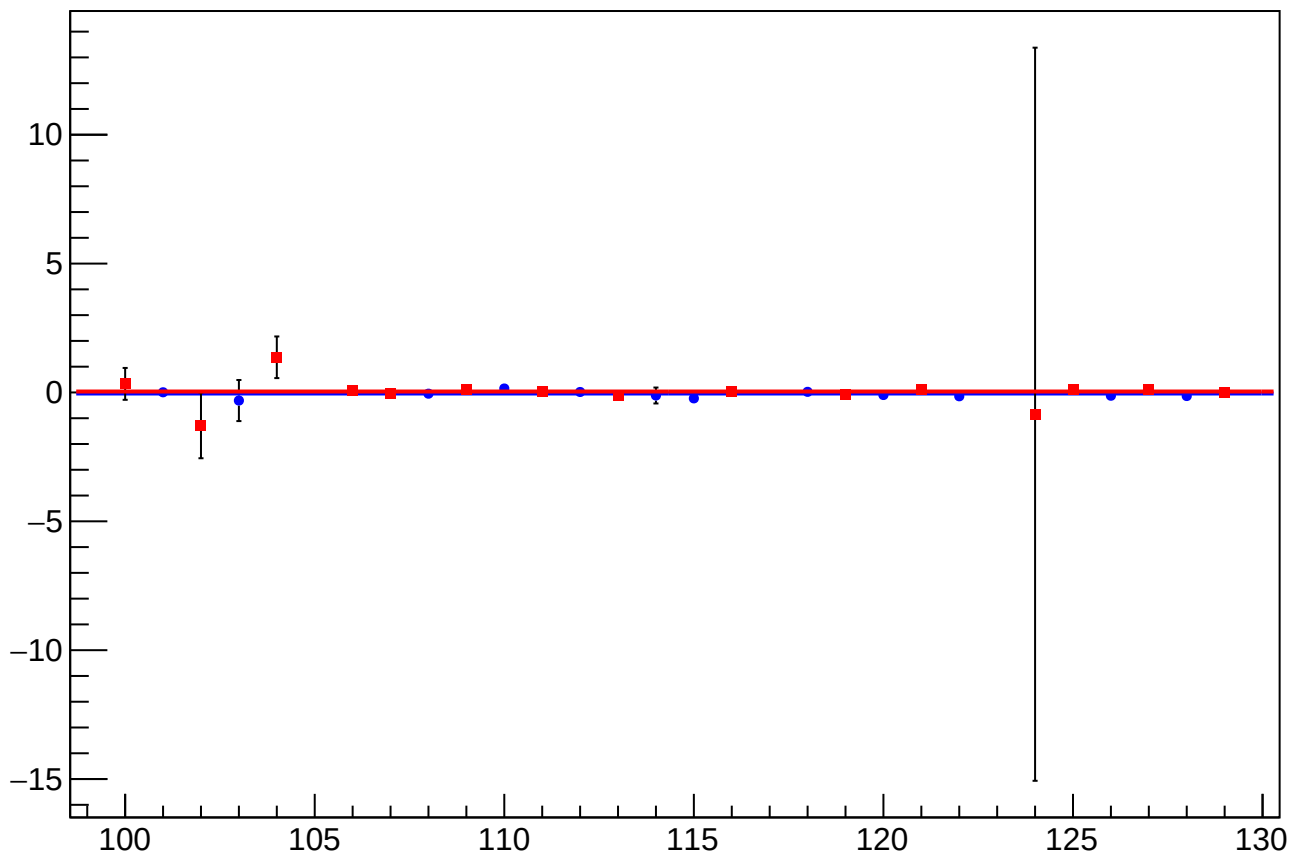
Right: 0.003+/-0.000 χ^2/NDF : 5391364.6/26

In: 0.003+/-0.000 χ^2/NDF :2308635.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 5391364.6/26

asym_at2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040 ± 0.035 χ^2/NDF : 6.1/11

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

Right Out: 0.036 ± 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

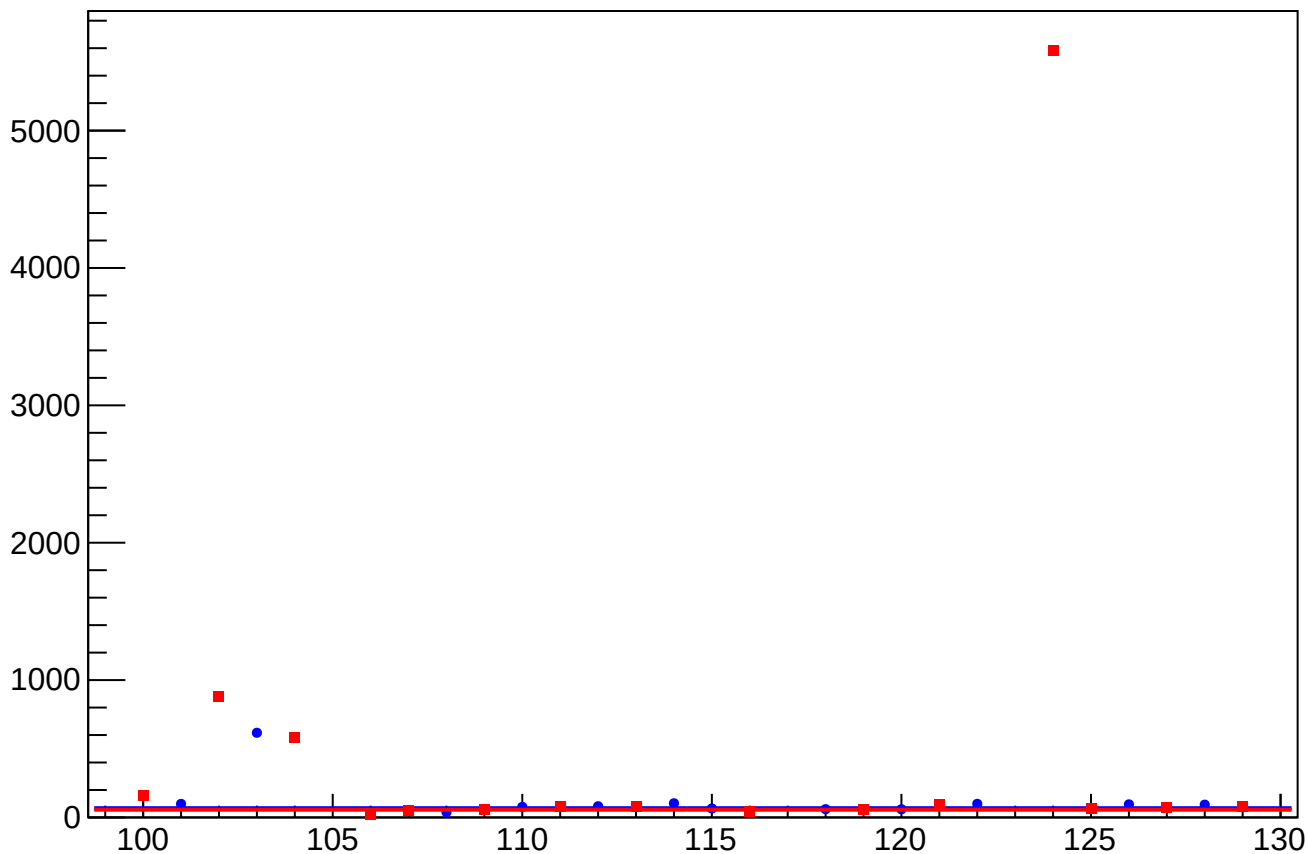
Right: 0.004 ± 0.022 χ^2/NDF : 19.6/26

In: -0.040 ± 0.035 χ^2/NDF : 6.1/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.004 ± 0.022 χ^2/NDF : 19.6/26

asym_at2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 67.348+/-0.025 χ^2/NDF : 1753597.1/11

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

Right Out: 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

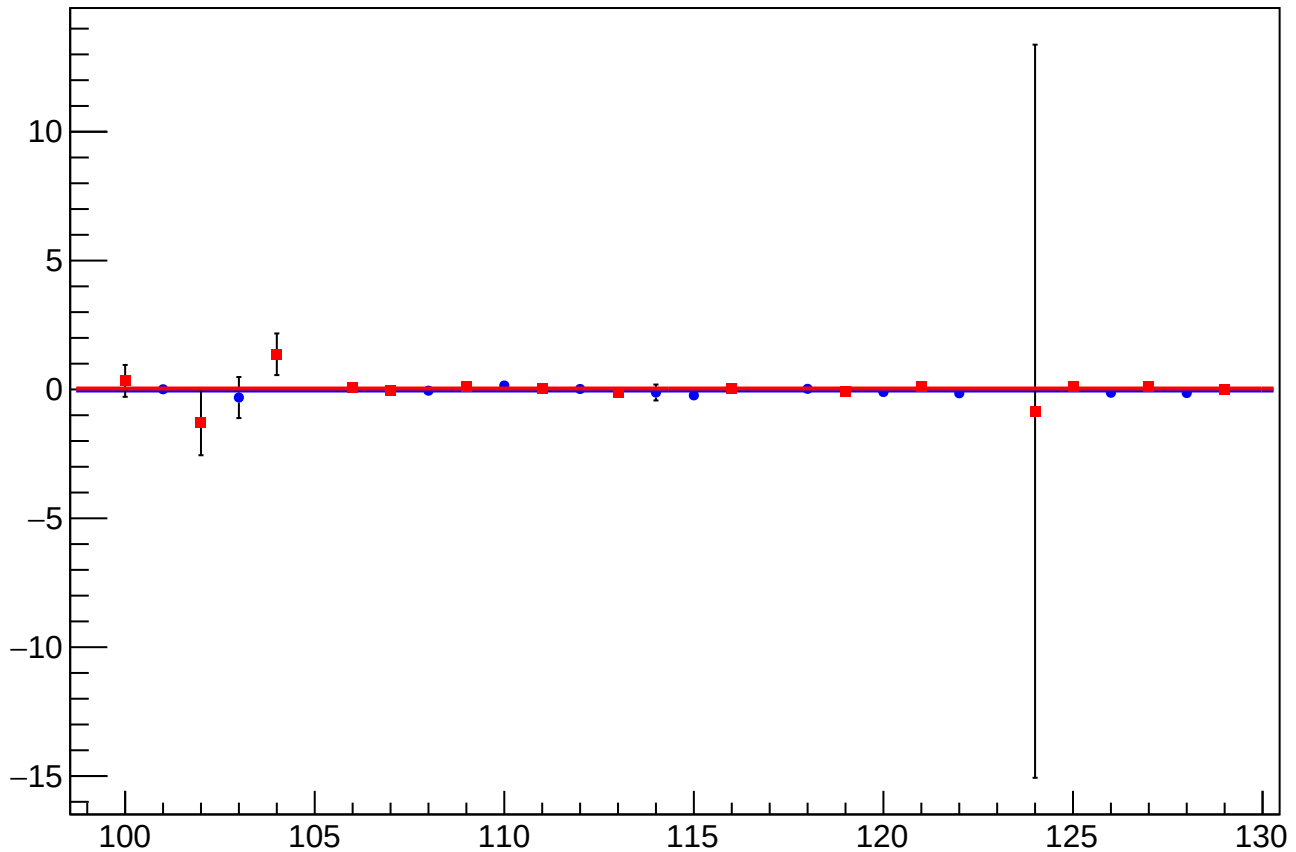
Right: 60.968+/-0.016 χ^2/NDF : 4868985.7/26

In: 67.348+/-0.025 χ^2/NDF : 1753597.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.968+/-0.016 χ^2/NDF : 4868985.7/26

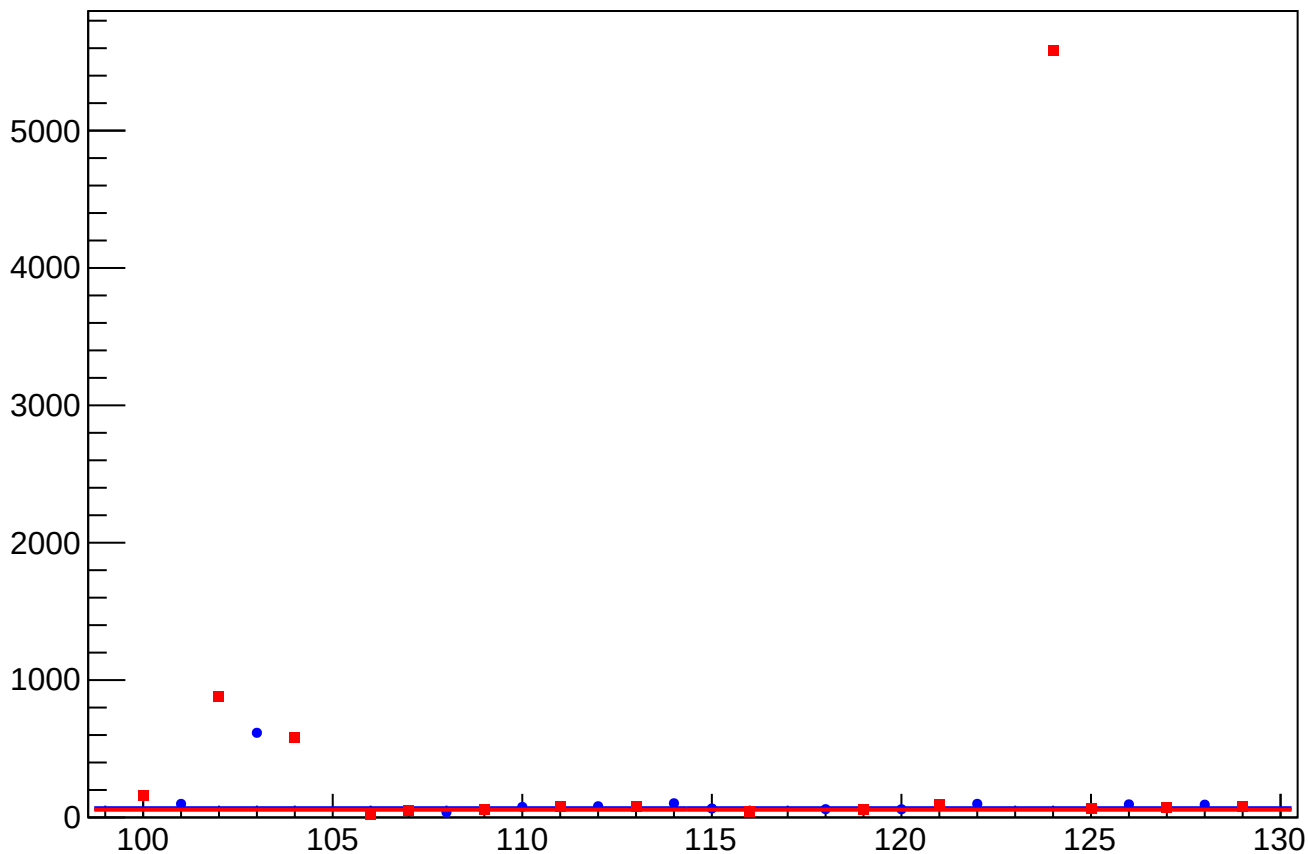
asym_at2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040 $\pm$ 0.035 χ^2 /NDF: 6.1/11
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.036 $\pm$ 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: 0.004 $\pm$ 0.022 χ^2 /NDF: 19.6/26
 In: -0.040 $\pm$ 0.035 χ^2 /NDF:6.1/11
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.004 $\pm$ 0.022 χ^2 /NDF: 19.6/26

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 67.348+/-0.025 χ^2/NDF : 1753597.1/11

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

Right Out: 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

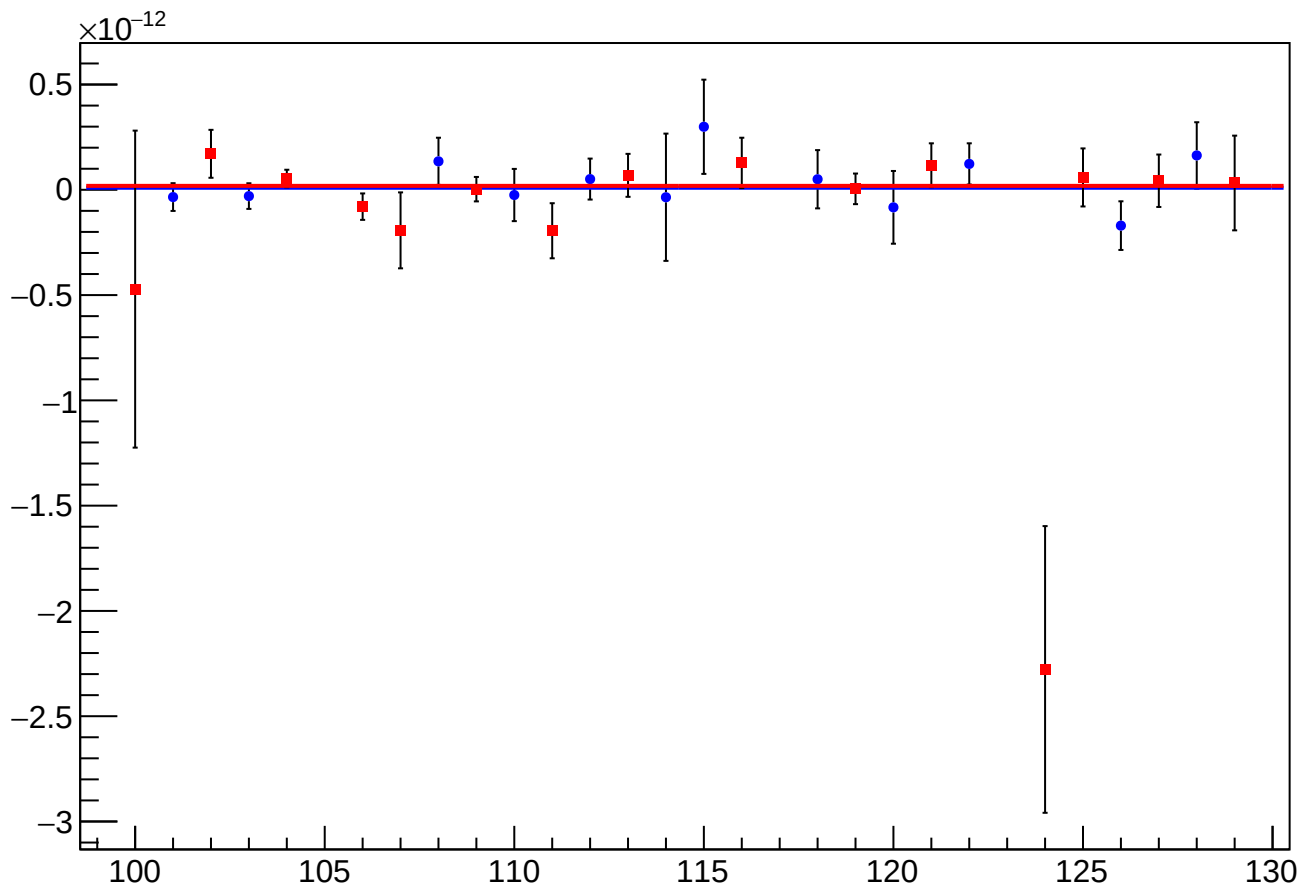
Right: 60.968+/-0.016 χ^2/NDF : 4868985.7/26

In: 67.348+/-0.025 χ^2/NDF : 1753597.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.968+/-0.016 χ^2/NDF : 4868985.7/26

asym_at2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.2/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 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

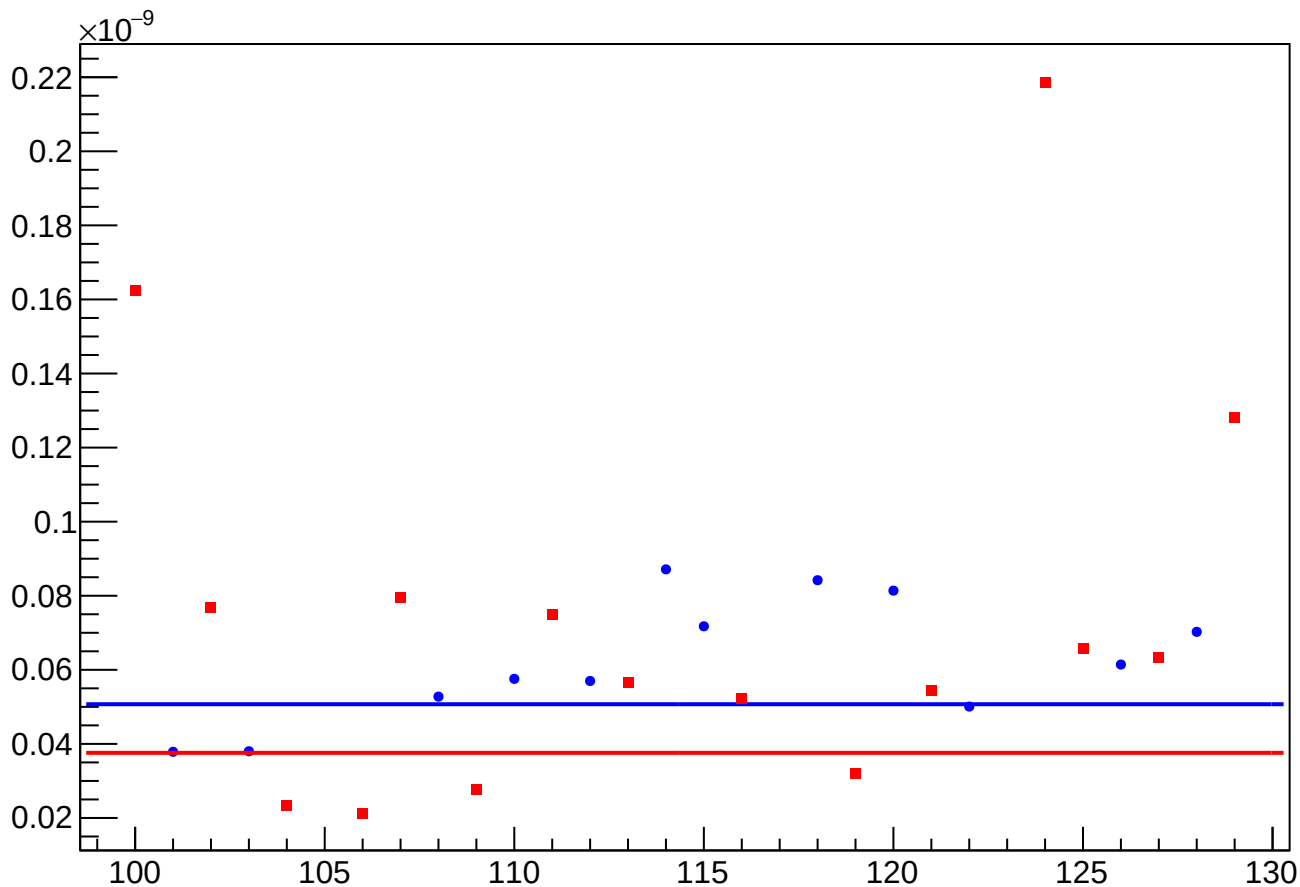
Right: 0.000+/-0.000 χ^2/NDF : 32.2/26

In: 0.000+/-0.000 χ^2/NDF : 9.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 32.2/26

asym_at2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 453265.0/11

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

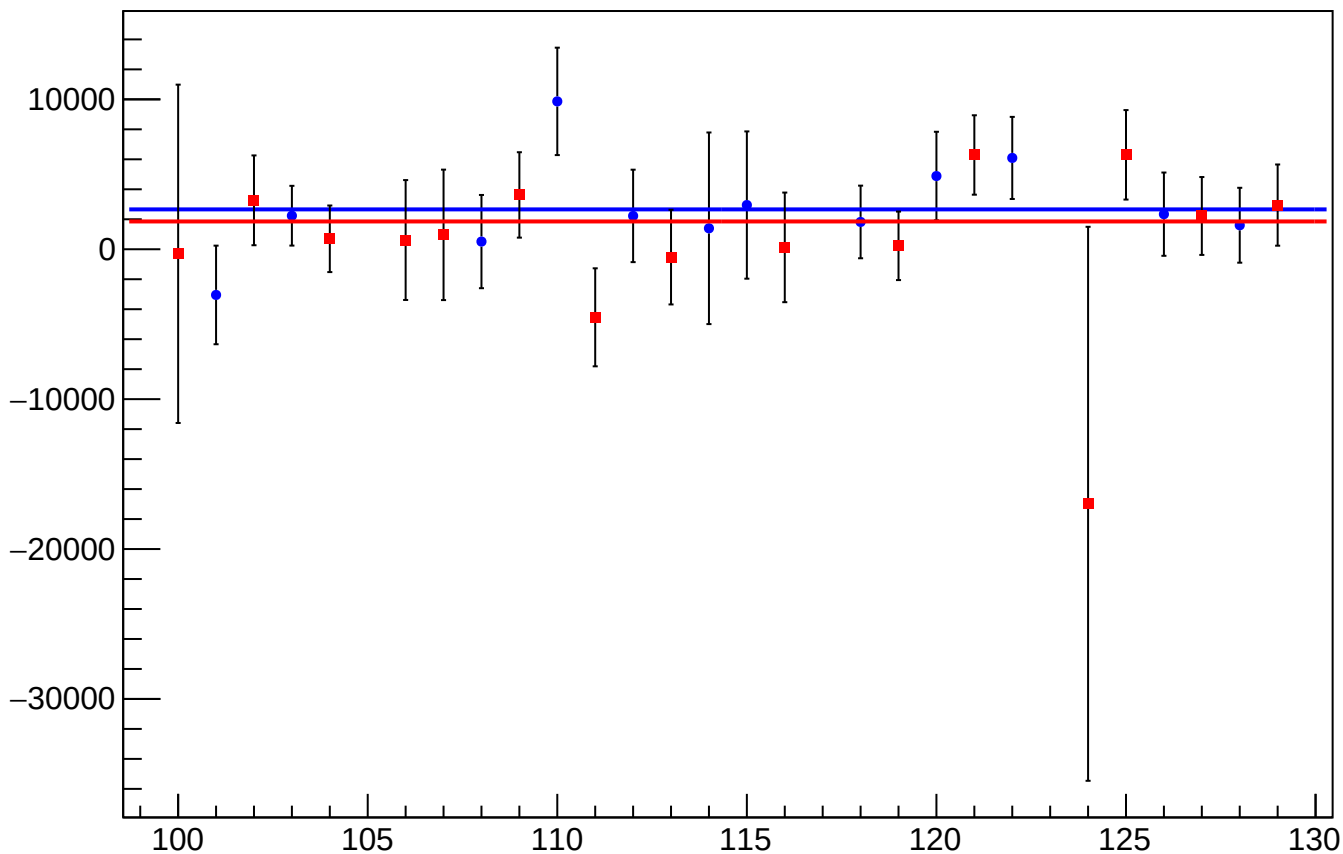
Right: 0.000+/-0.000 χ^2/NDF : 2483999.4/26

In: 0.000+/-0.000 χ^2/NDF : 453265.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2483999.4/26

reg_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2659.200+/-843.751 χ^2/NDF : 10.1/11

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

Right Out: 1854.519+/-799.897 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

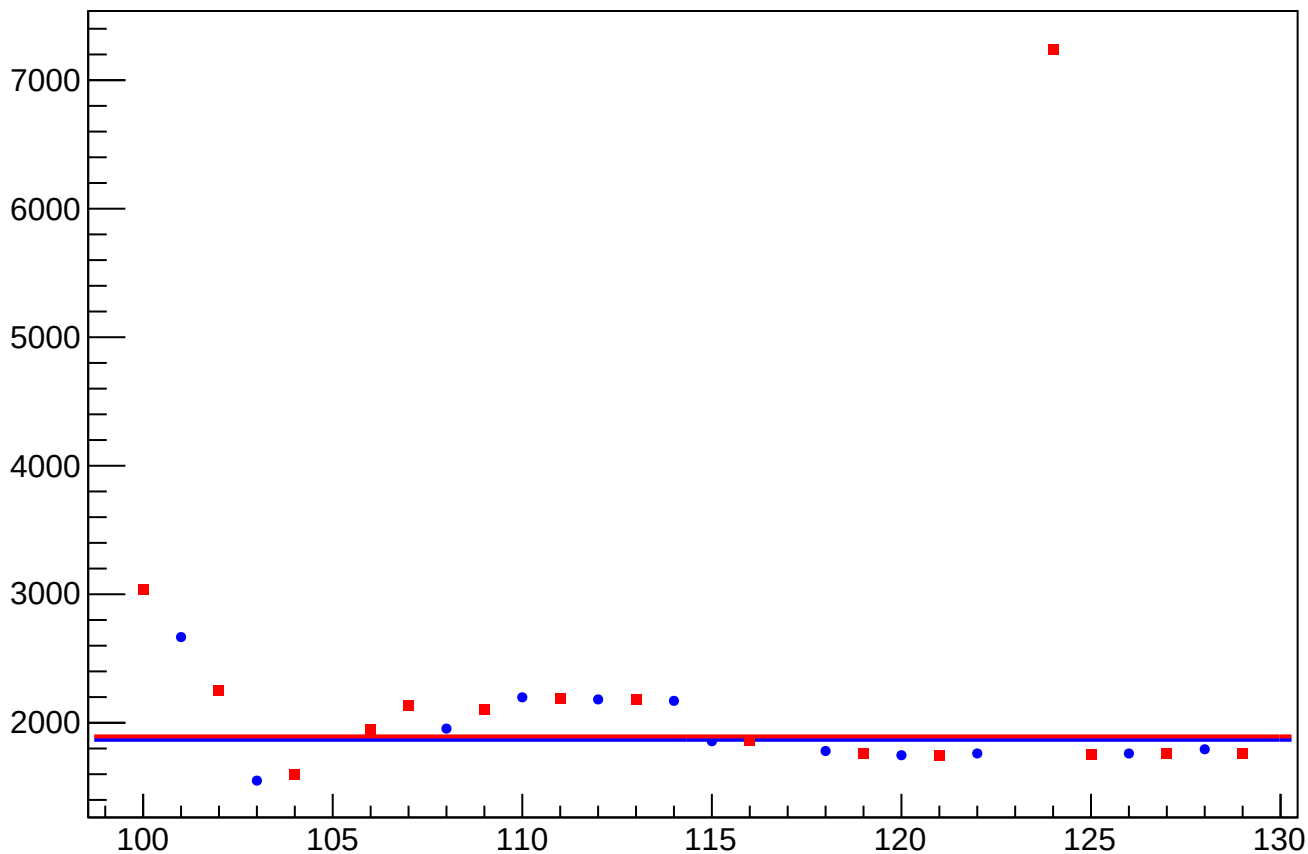
Right: 2235.405+/-580.497 χ^2/NDF : 23.0/26

In: 2659.200+/-843.751 χ^2/NDF : 10.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2235.405+/-580.497 χ^2/NDF : 23.0/26

reg_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1868.019+/-0.597 χ^2/NDF : 226277.3/11

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

Right Out: 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

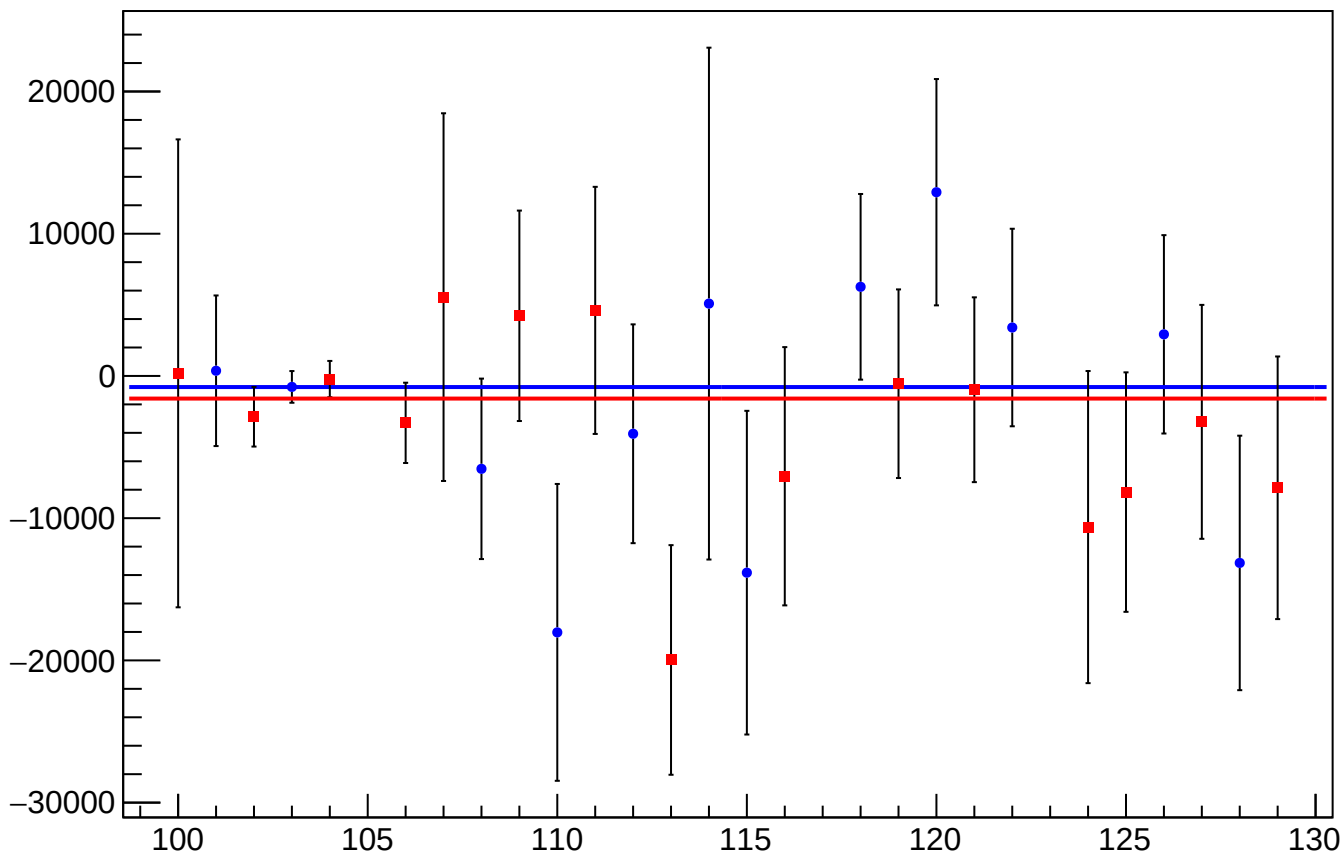
Right: 1881.783+/-0.410 χ^2/NDF : 556133.3/26

In: 1868.019+/-0.597 χ^2/NDF : 226277.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1881.783+/-0.410 χ^2/NDF : 556133.3/26

asym_atl1r2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -780.737+/-1002.150 χ^2/NDF : 11.9/11

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

Right Out: -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

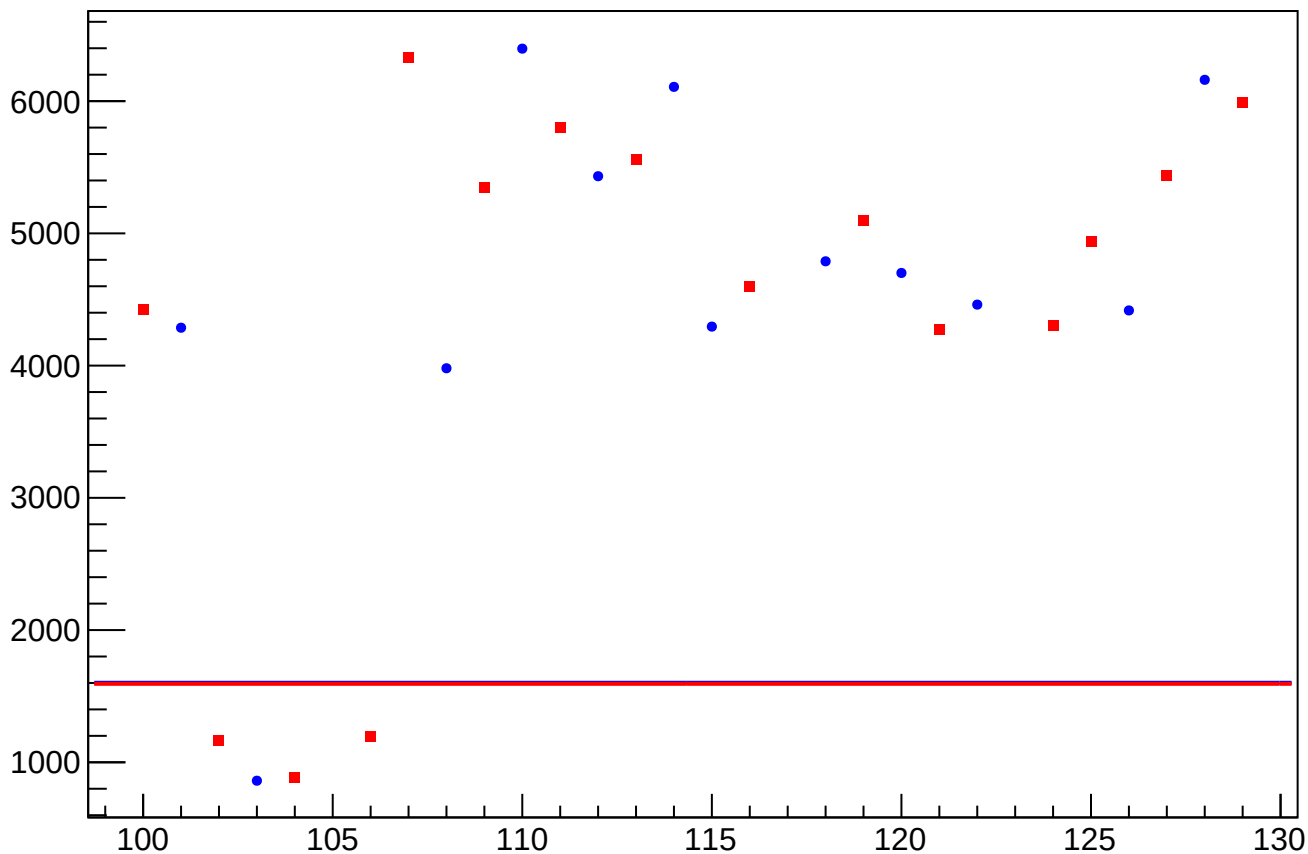
Right: -1211.801+/-685.608 χ^2/NDF : 22.9/26

In: -780.737+/-1002.150 χ^2/NDF : 11.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1211.801+/-685.608 χ^2/NDF : 22.9/26

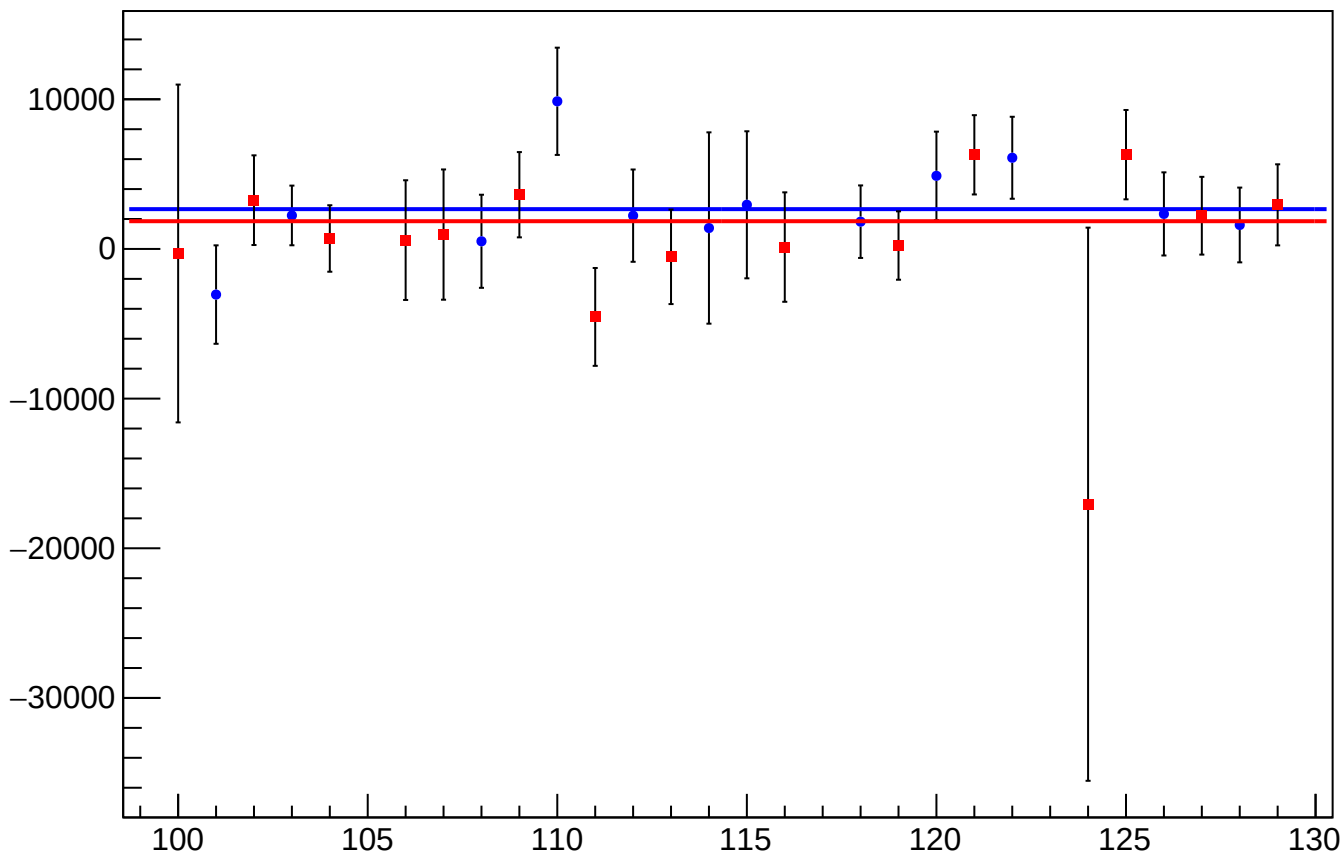
asym_atl1r2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1601.430+/-0.709 χ^2/NDF : 4799810.8/11
 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: 1597.228+/-0.485 χ^2/NDF : 9780444.7/26
 In: 1601.430+/-0.709 χ^2/NDF : 4799810.8/11
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1597.228+/-0.485 χ^2/NDF : 9780444.7/26

cor_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2659.356+/-843.751 χ^2 /NDF: 10.1/11

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

Right Out: 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

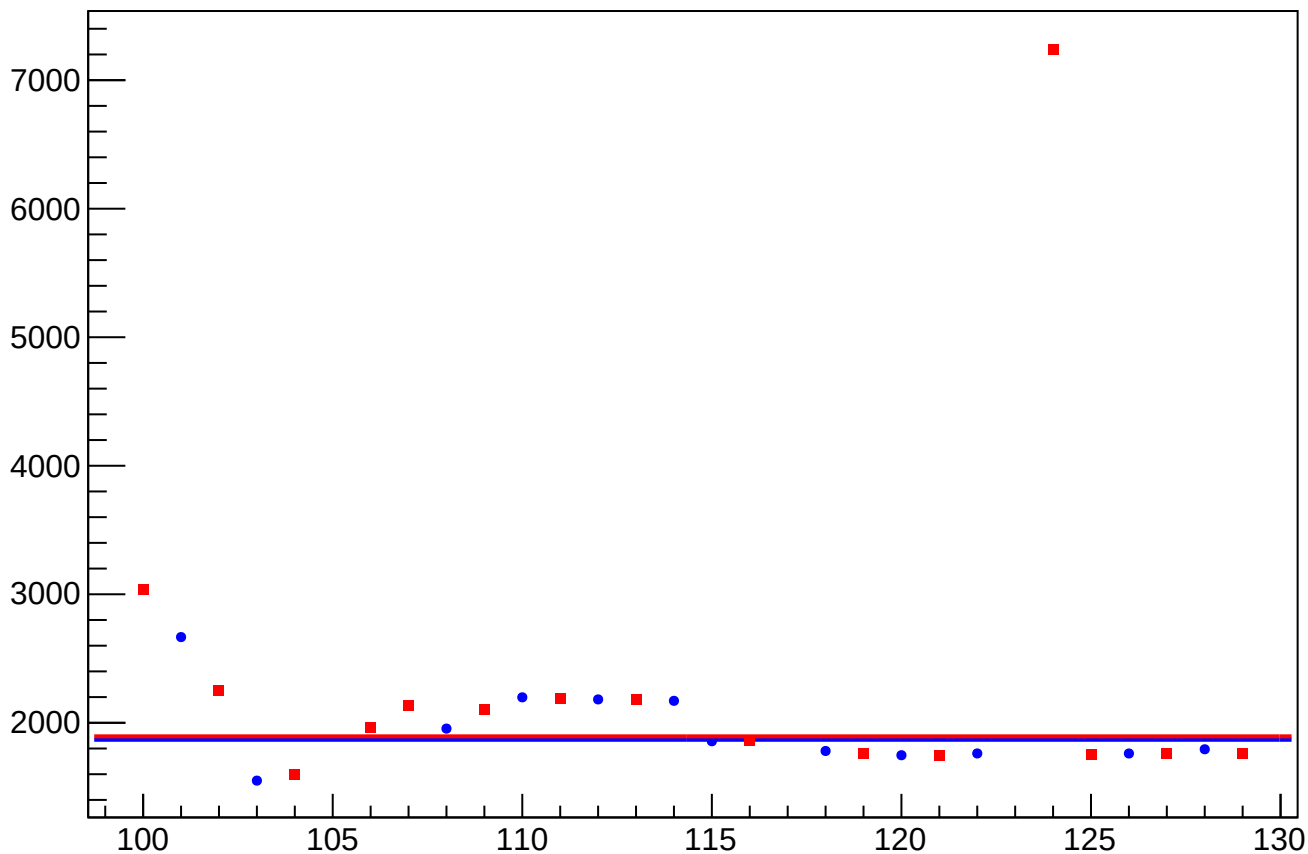
Right: 2234.578+/-580.498 χ^2 /NDF: 23.0/26

In: 2659.356+/-843.751 χ^2 /NDF:10.1/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2234.578+/-580.498 χ^2 /NDF: 23.0/26

cor_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1868.019+/-0.597 χ^2/NDF : 226277.2/11

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

Right Out: 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

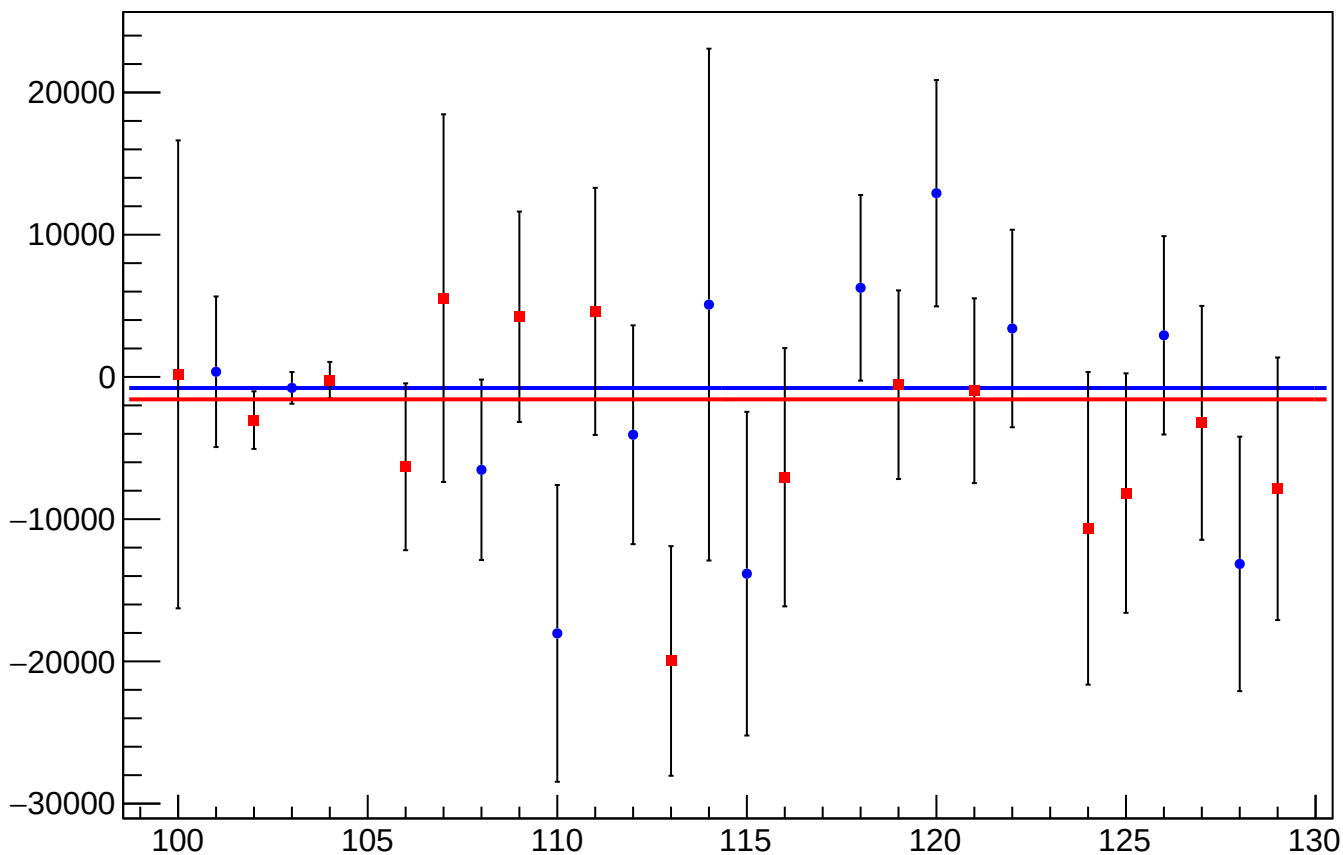
Right: 1882.090+/-0.410 χ^2/NDF : 556410.5/26

In: 1868.019+/-0.597 χ^2/NDF : 226277.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1882.090+/-0.410 χ^2/NDF : 556410.5/26

asym_atl1r2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -780.220 ± 1002.091 χ^2/NDF : 11.9/11

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

Right Out: -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

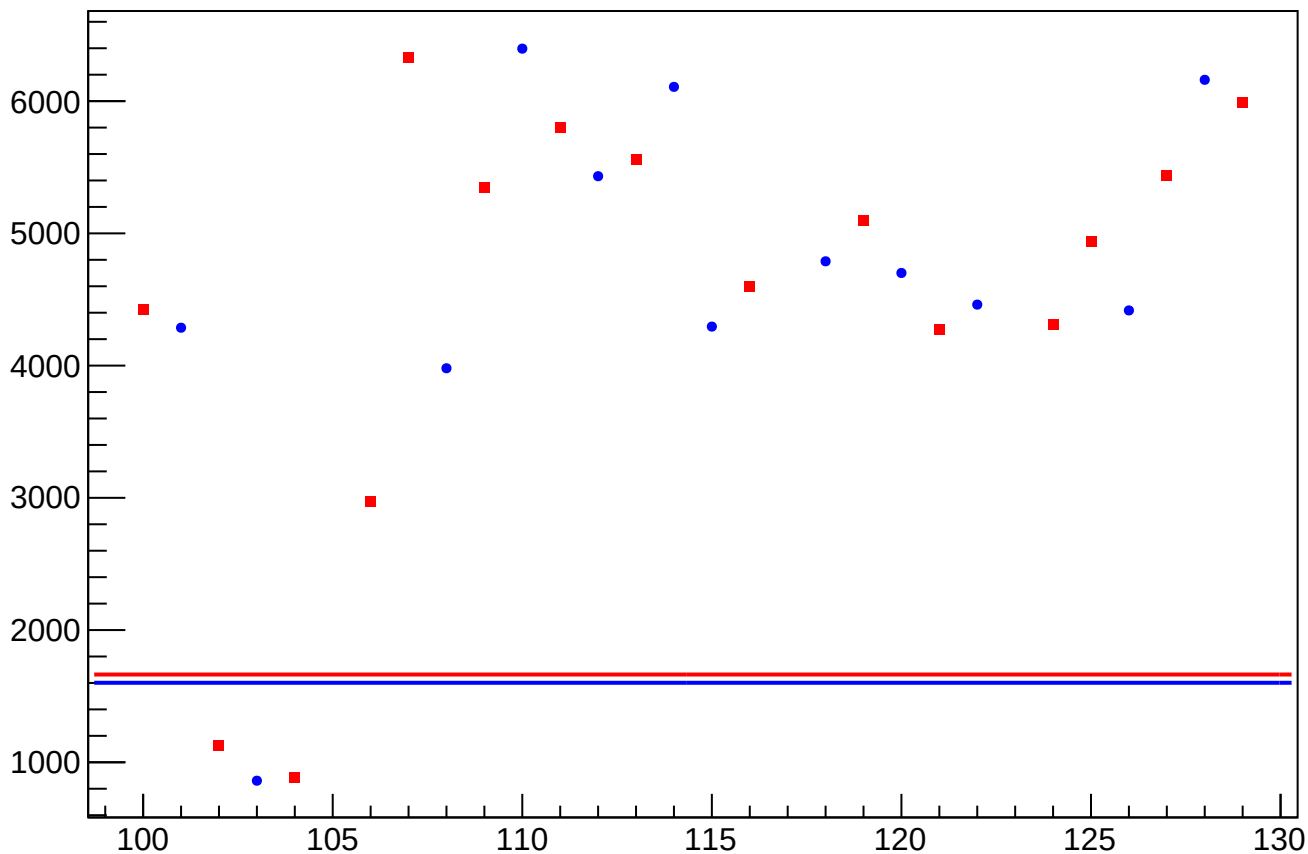
Right: -1189.318 ± 698.799 χ^2/NDF : 23.3/26

In: -780.220 ± 1002.091 χ^2/NDF : 11.9/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1189.318 ± 698.799 χ^2/NDF : 23.3/26

asym_atl1r2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1601.295+/-0.709 χ^2/NDF : 4800078.7/11

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

Right Out: 1663.706+/-0.689 χ^2/NDF : 5062669.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

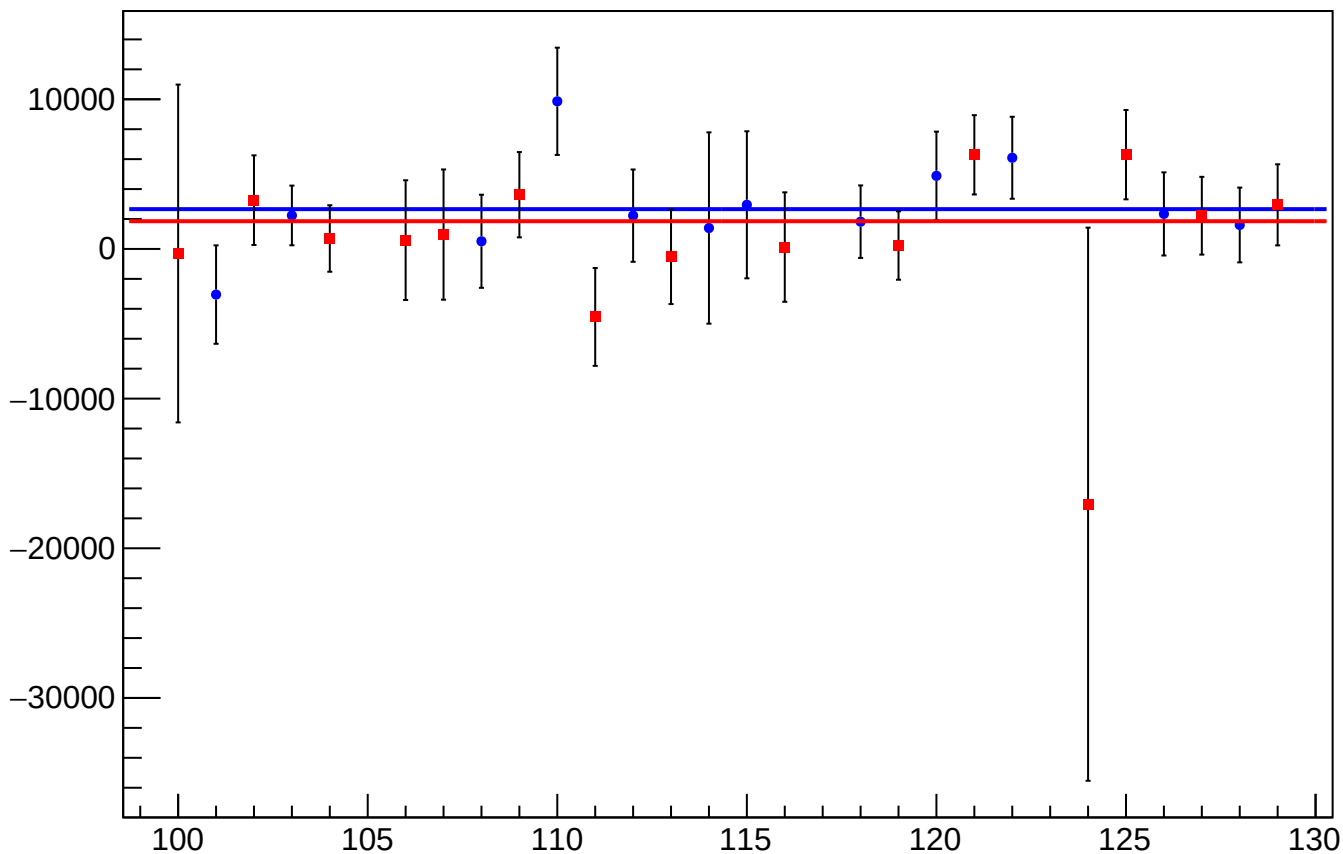
Right: 1633.357+/-0.494 χ^2/NDF : 9866733.5/26

In: 1601.295+/-0.709 χ^2/NDF : 4800078.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1633.357+/-0.494 χ^2/NDF : 9866733.5/26

eigen_cor_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2659.356 $\pm$ 843.751 χ^2 /NDF: 10.1/11

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

Right Out: 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

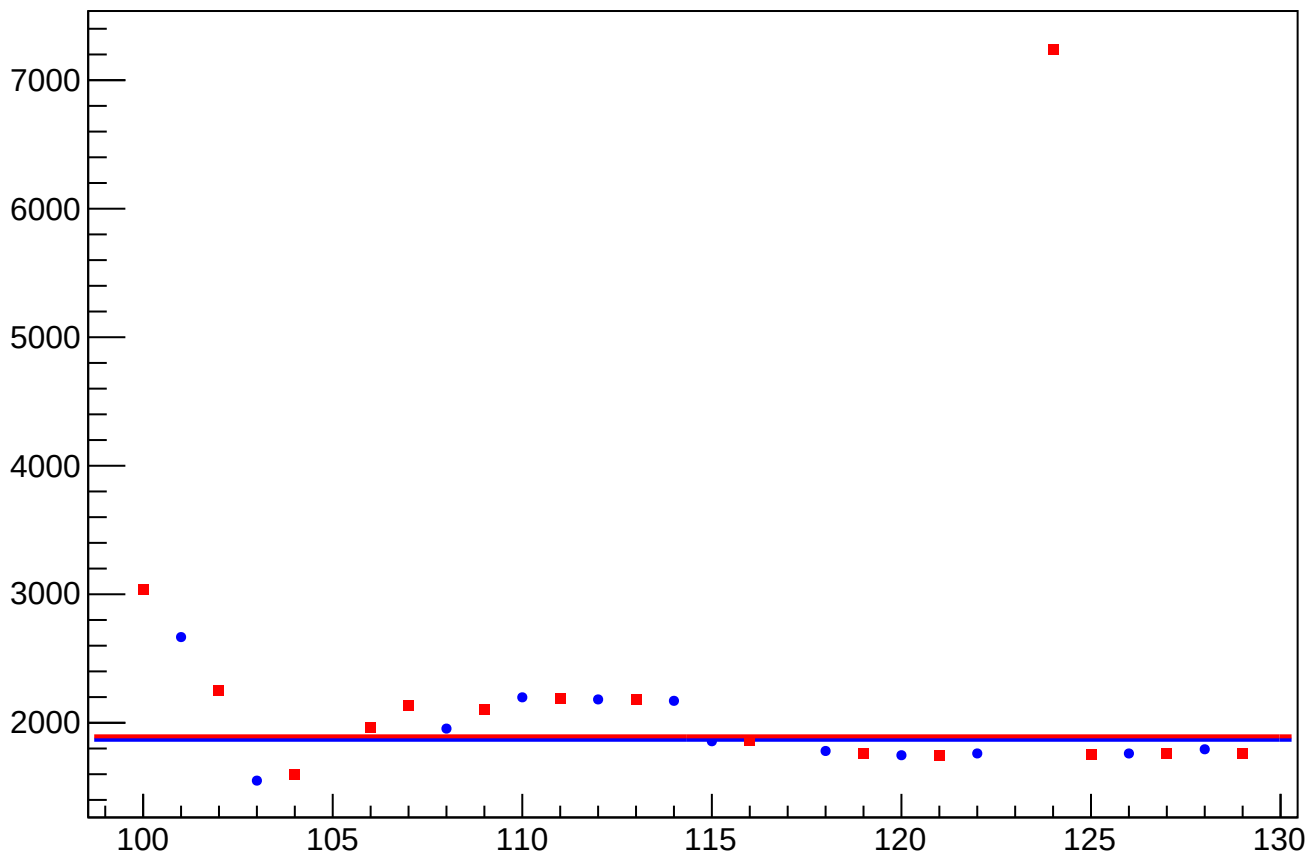
Right: 2234.578 $\pm$ 580.498 χ^2 /NDF: 23.0/26

In: 2659.356 $\pm$ 843.751 χ^2 /NDF:10.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2234.578 $\pm$ 580.498 χ^2 /NDF: 23.0/26

eigen_cor_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1868.019+/-0.597 χ^2/NDF : 226277.2/11

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

Right Out: 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

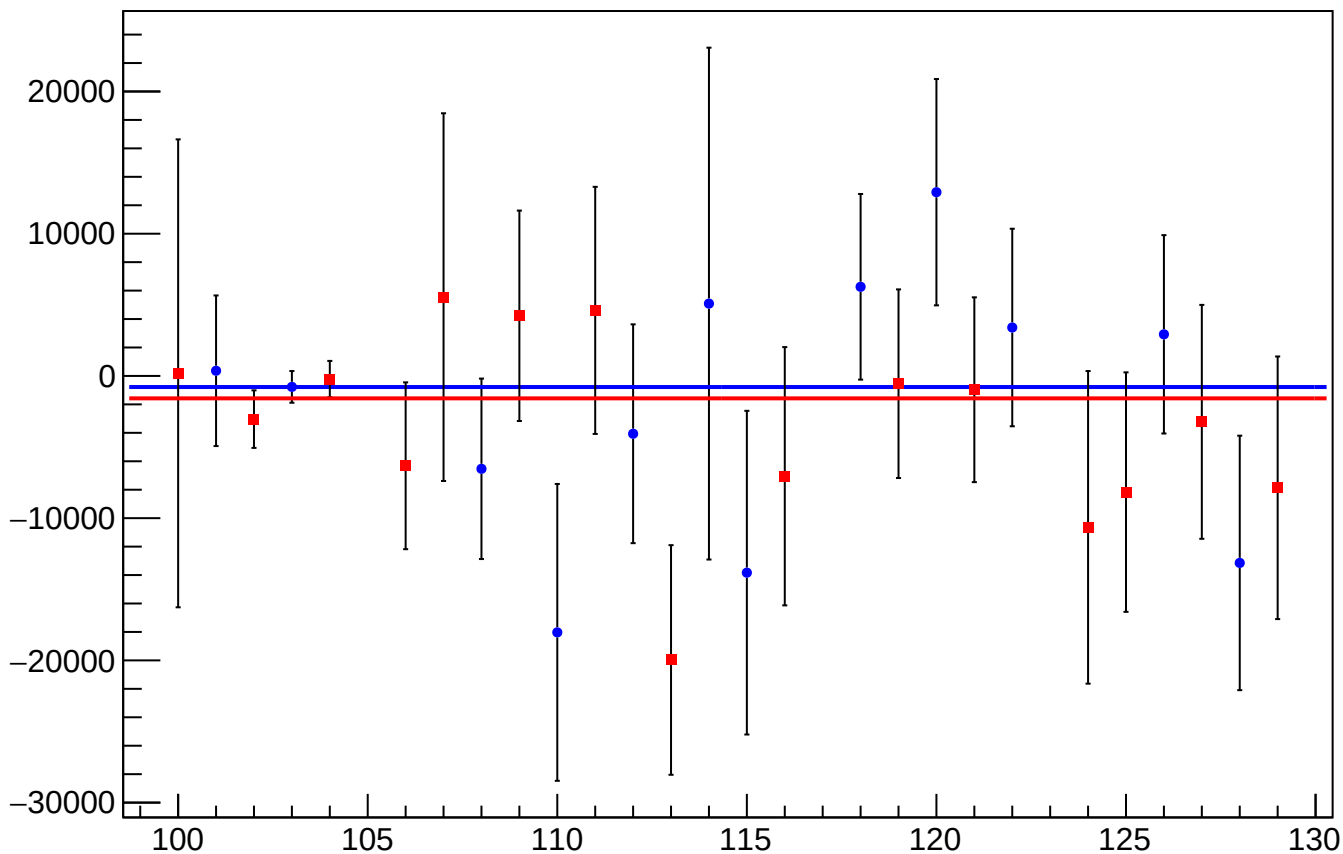
Right: 1882.090+/-0.410 χ^2/NDF : 556410.5/26

In: 1868.019+/-0.597 χ^2/NDF : 226277.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1882.090+/-0.410 χ^2/NDF : 556410.5/26

asym_atl1r2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -780.220+/-1002.091 χ^2/NDF : 11.9/11

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

Right Out: -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

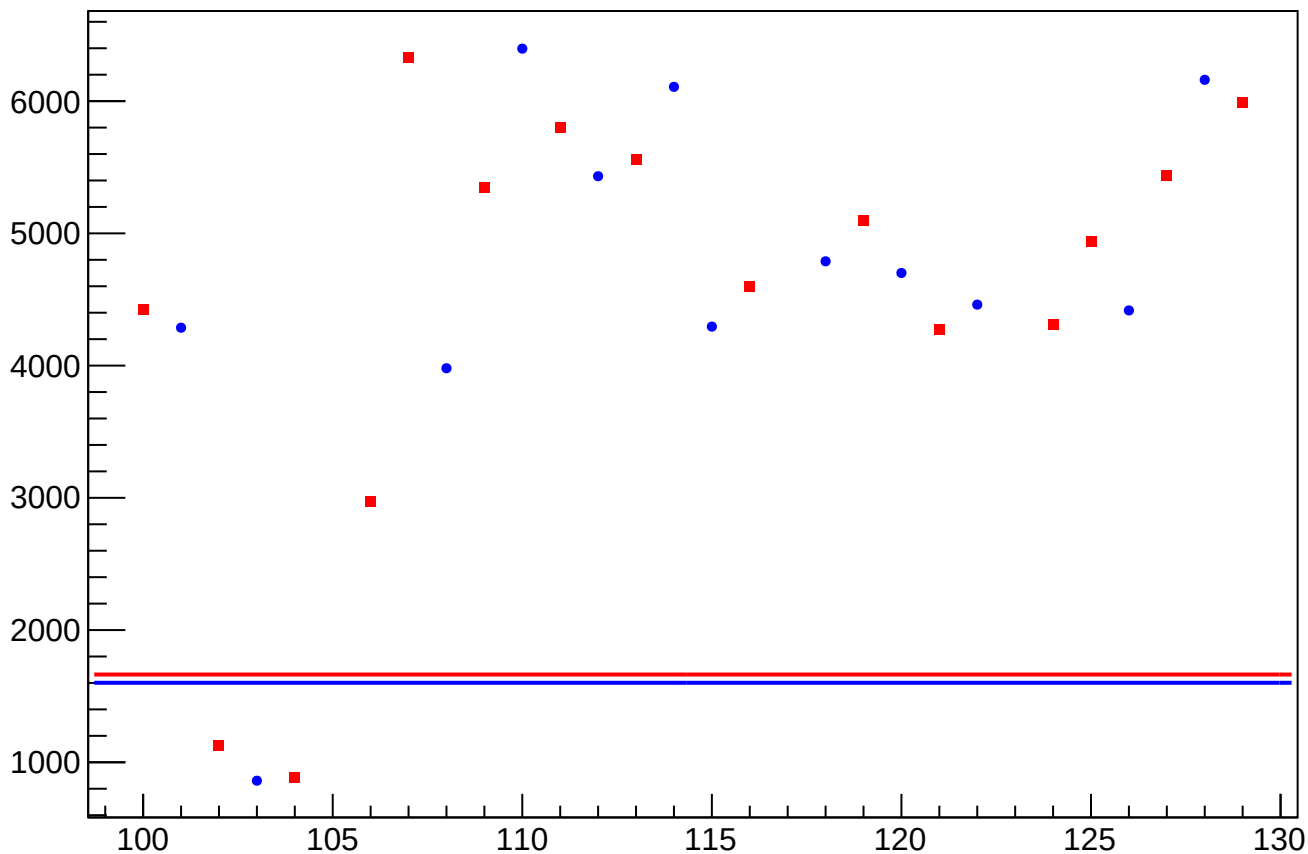
Right: -1189.318+/-698.799 χ^2/NDF : 23.3/26

In: -780.220+/-1002.091 χ^2/NDF : 11.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1189.318+/-698.799 χ^2/NDF : 23.3/26

asym_atl1r2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1601.295+/-0.709 χ^2/NDF : 4800078.7/11

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

Right Out: 1663.706+/-0.689 χ^2/NDF : 5062669.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

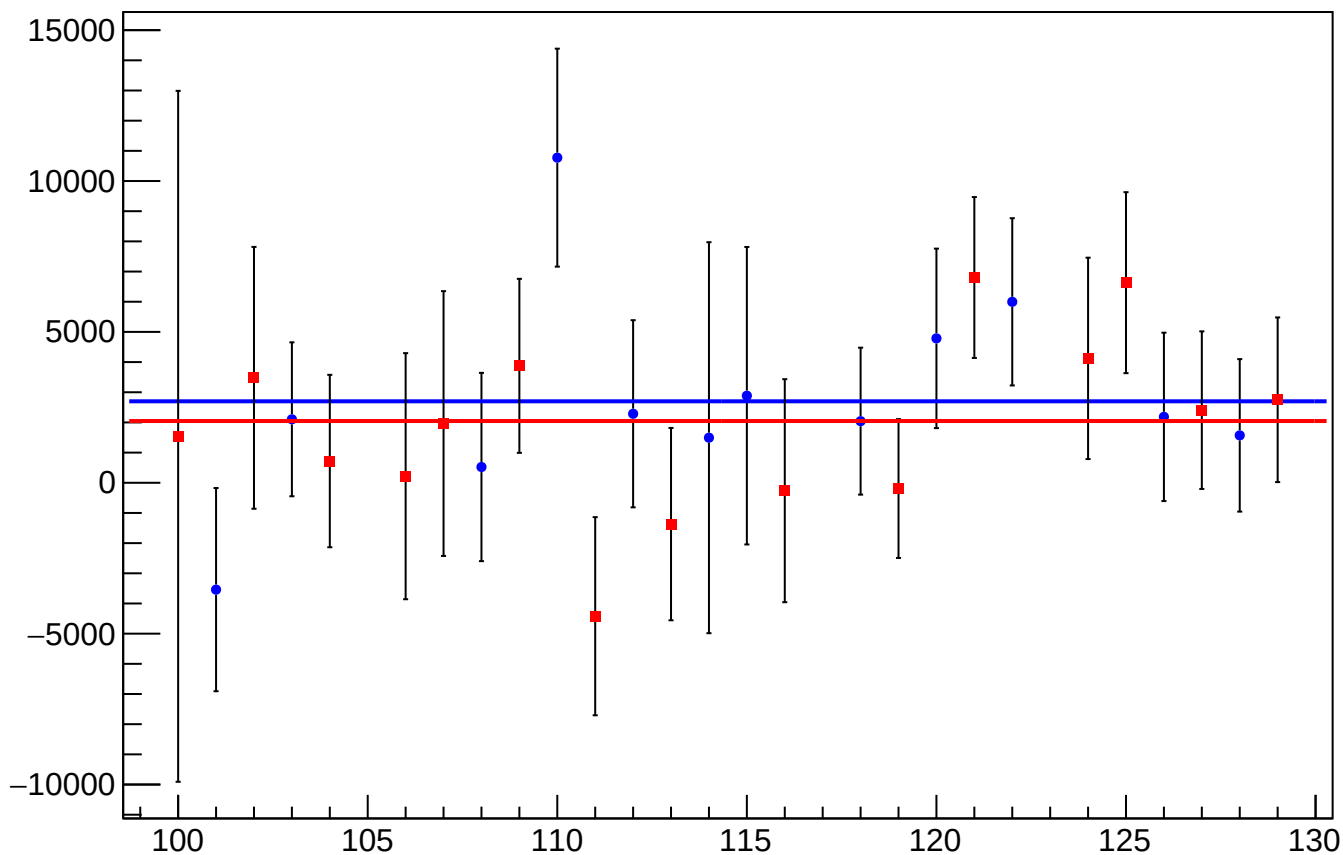
Right: 1633.357+/-0.494 χ^2/NDF : 9866733.5/26

In: 1601.295+/-0.709 χ^2/NDF :4800078.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1633.357+/-0.494 χ^2/NDF : 9866733.5/26

dit_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2700.164+/-881.385 χ^2/NDF : 11.2/11

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

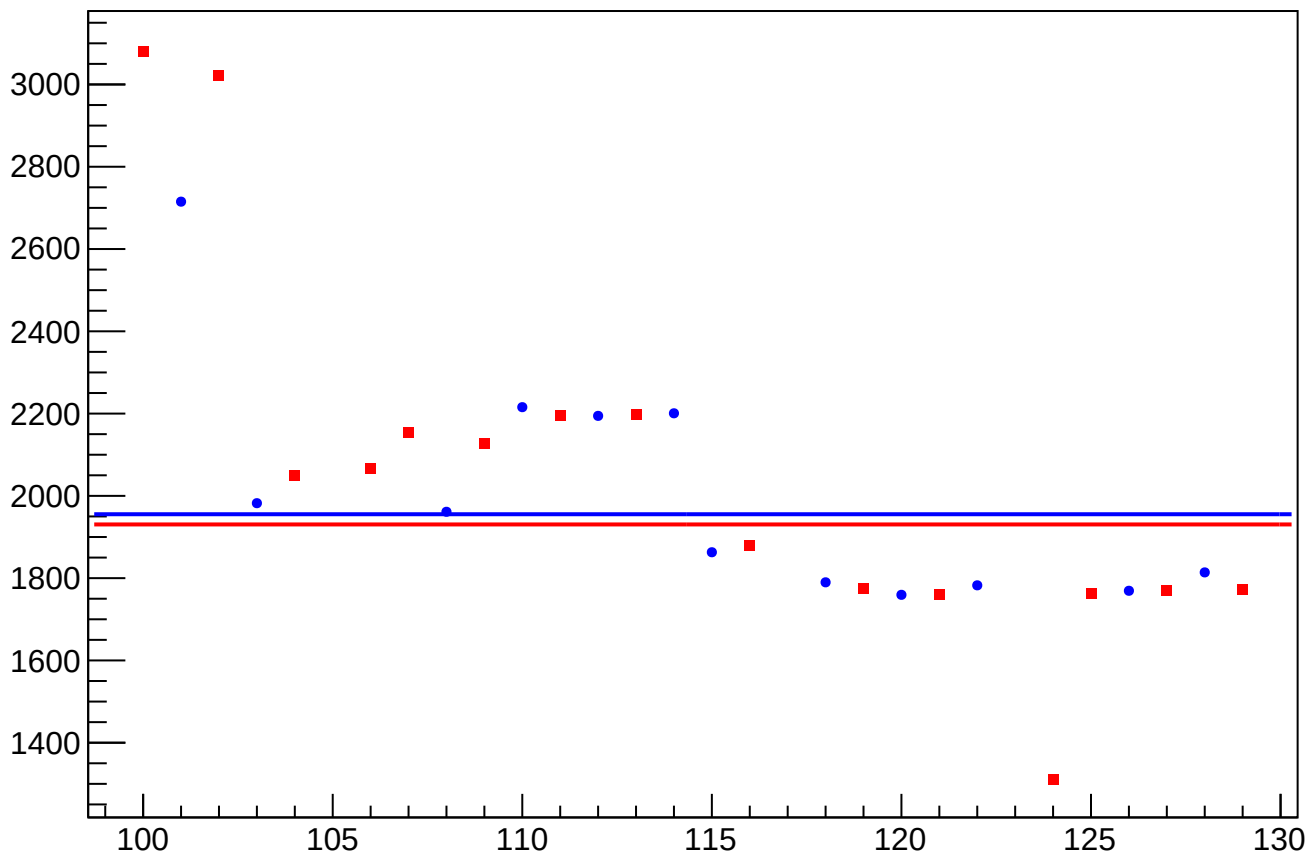
Right: 2349.316+/-599.875 χ^2/NDF : 24.8/26

In: 2700.164+/-881.385 χ^2/NDF : 11.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2349.316+/-599.875 χ^2/NDF : 24.8/26

dit_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1955.367+/-0.623 χ^2/NDF : 168747.2/11

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

Right Out: 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

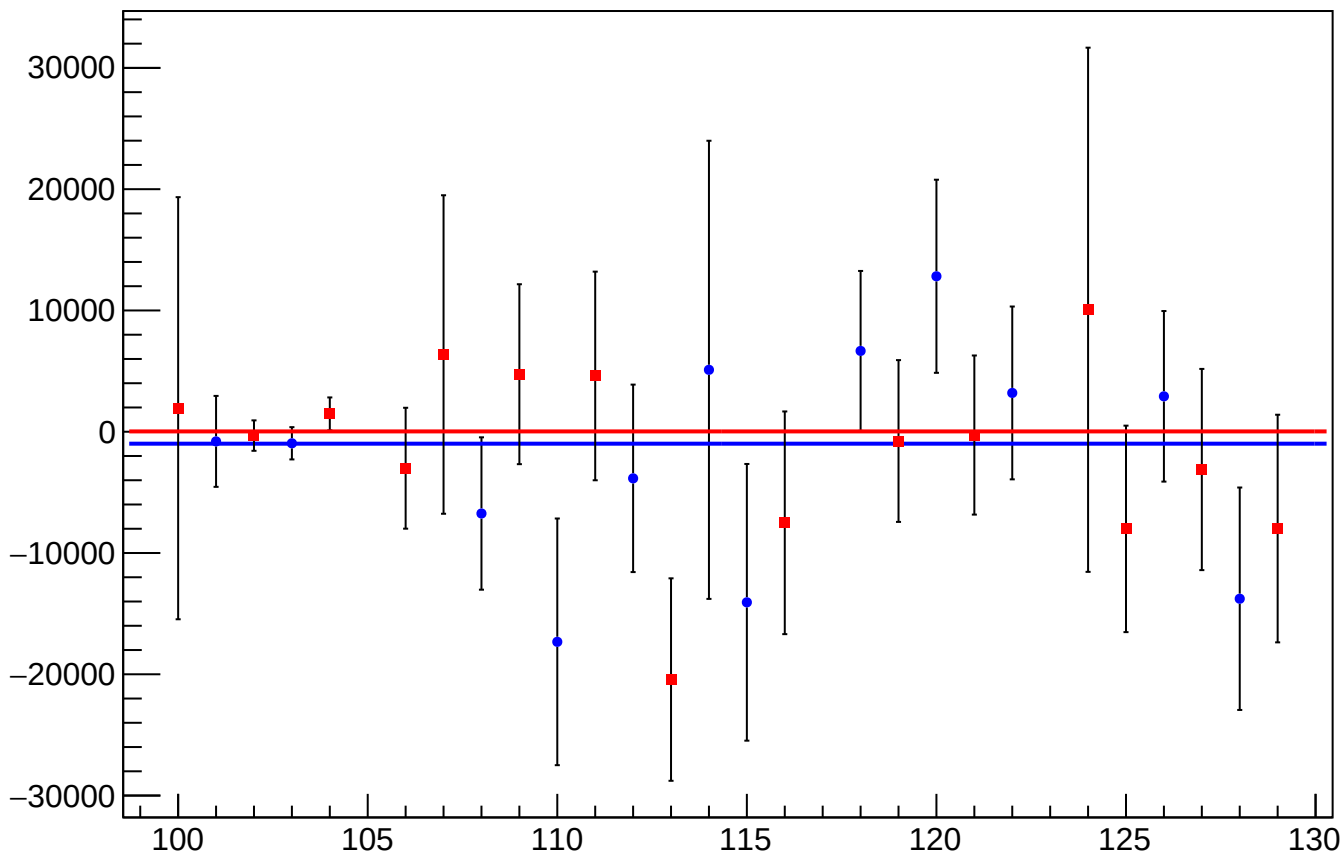
Right: 1942.030+/-0.424 χ^2/NDF : 470956.5/26

In: 1955.367+/-0.623 χ^2/NDF : 168747.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1942.030+/-0.424 χ^2/NDF : 470956.5/26

asym_atl1r2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -985.514+/-1125.848 χ^2/NDF : 11.9/11

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

Right Out: 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

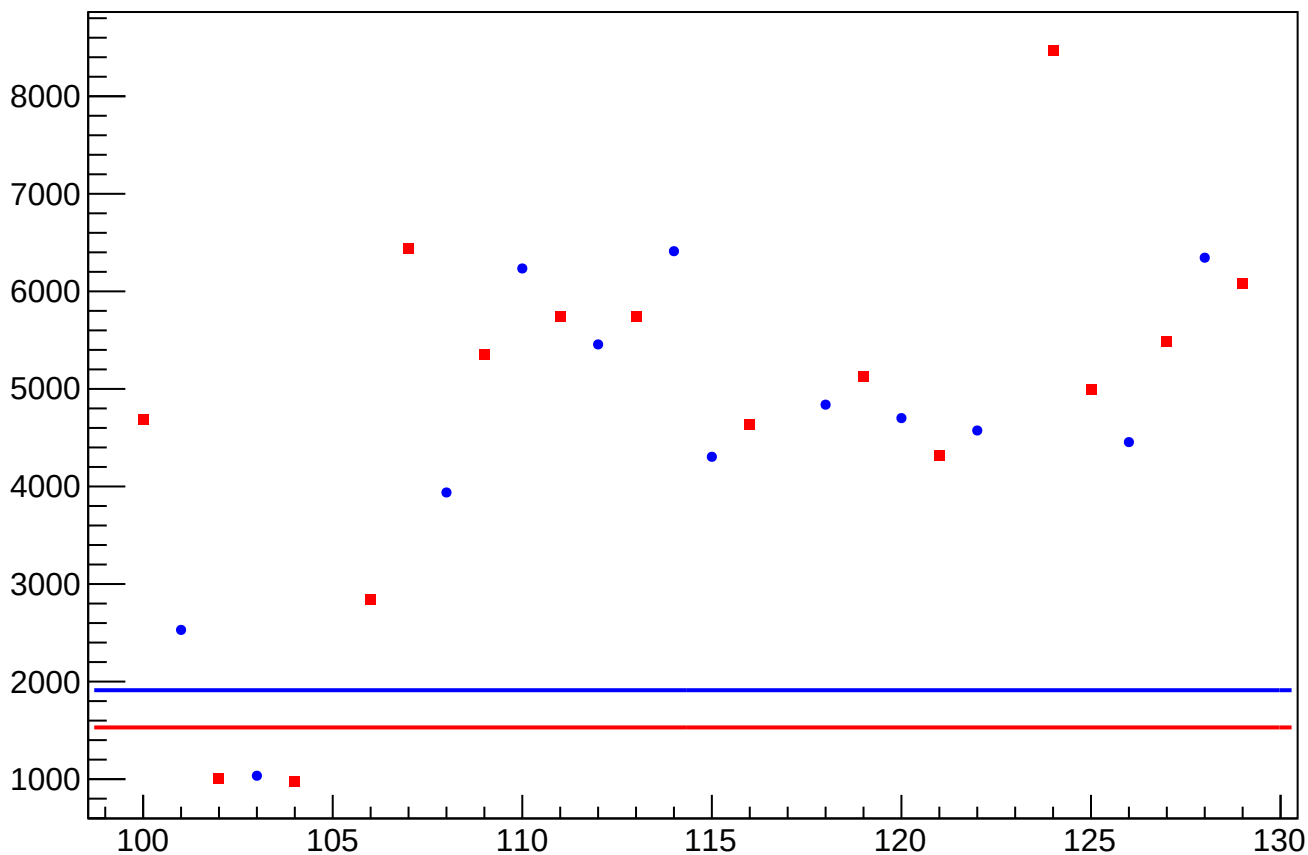
Right: -342.618+/-680.130 χ^2/NDF : 23.6/26

In: -985.514+/-1125.848 χ^2/NDF : 11.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -342.618+/-680.130 χ^2/NDF : 23.6/26

asym_atl1r2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1911.541+/-0.796 χ^2/NDF : 3762425.9/11

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

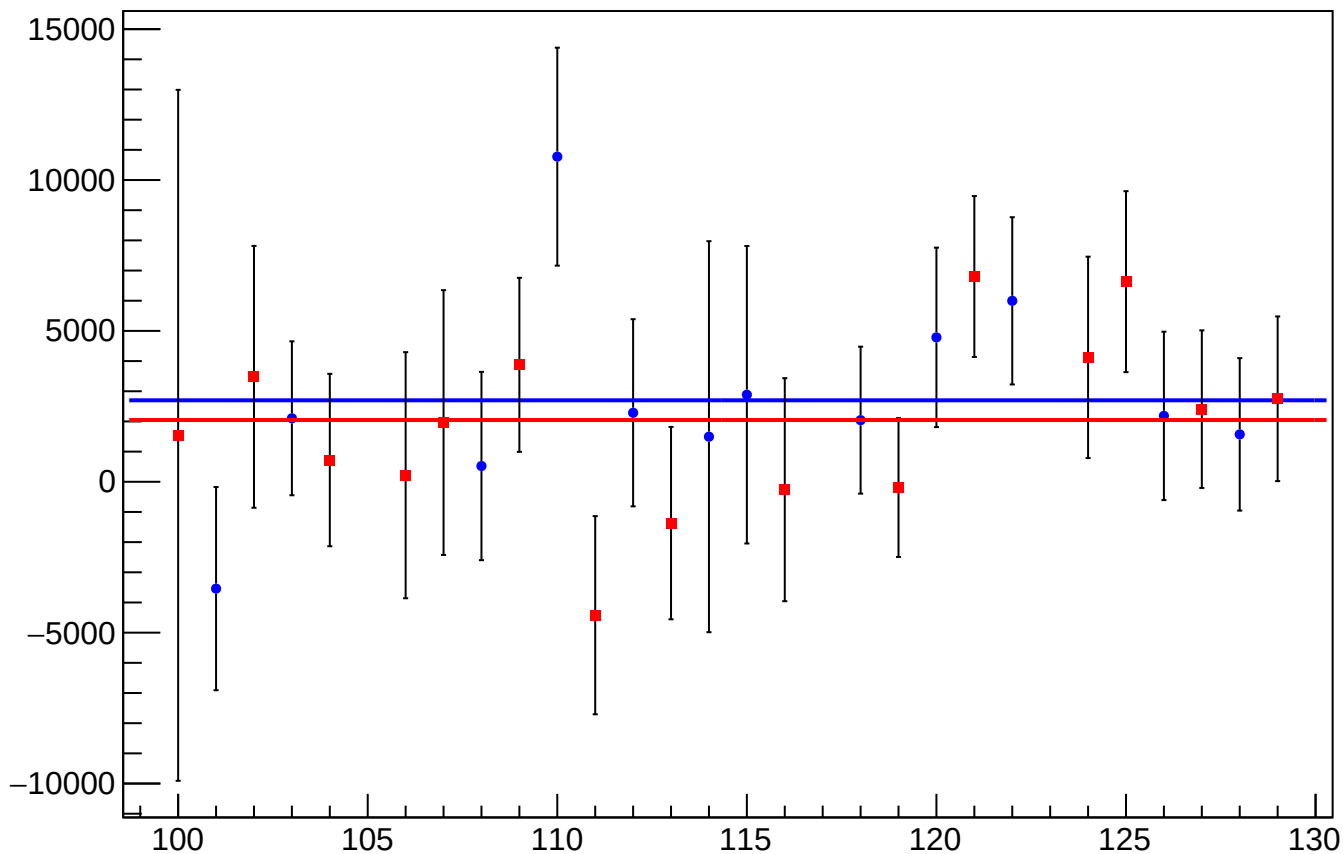
Right: 1669.279+/-0.481 χ^2/NDF : 9228957.6/26

In: 1911.541+/-0.796 χ^2/NDF : 3762425.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1669.279+/-0.481 χ^2/NDF : 9228957.6/26

eigen_dit_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2700.163+/-881.385 χ^2/NDF : 11.2/11

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

Right Out: 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

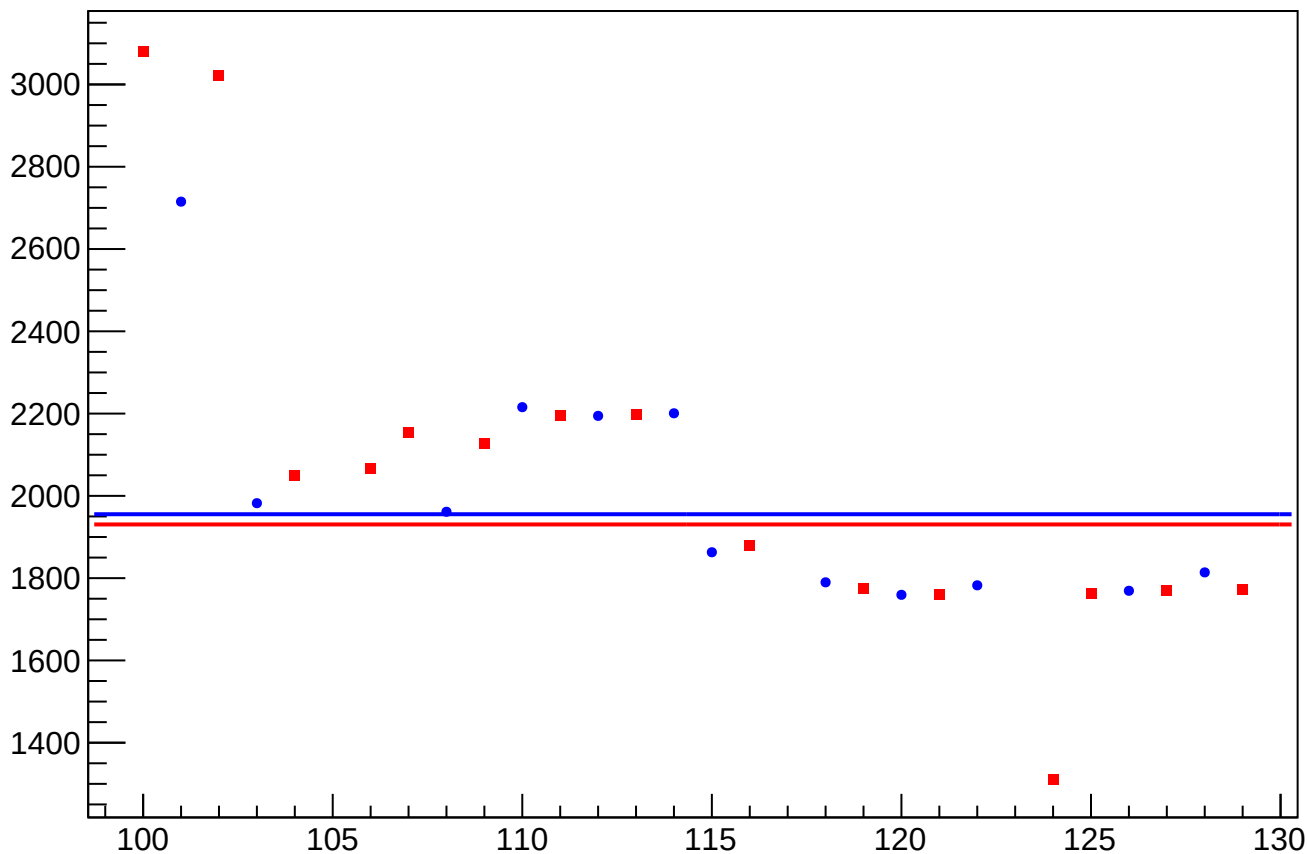
Right: 2349.320+/-599.875 χ^2/NDF : 24.8/26

In: 2700.163+/-881.385 χ^2/NDF : 11.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2349.320+/-599.875 χ^2/NDF : 24.8/26

eigen_dit_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1955.367+/-0.623 χ^2/NDF : 168747.4/11

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

Right Out: 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

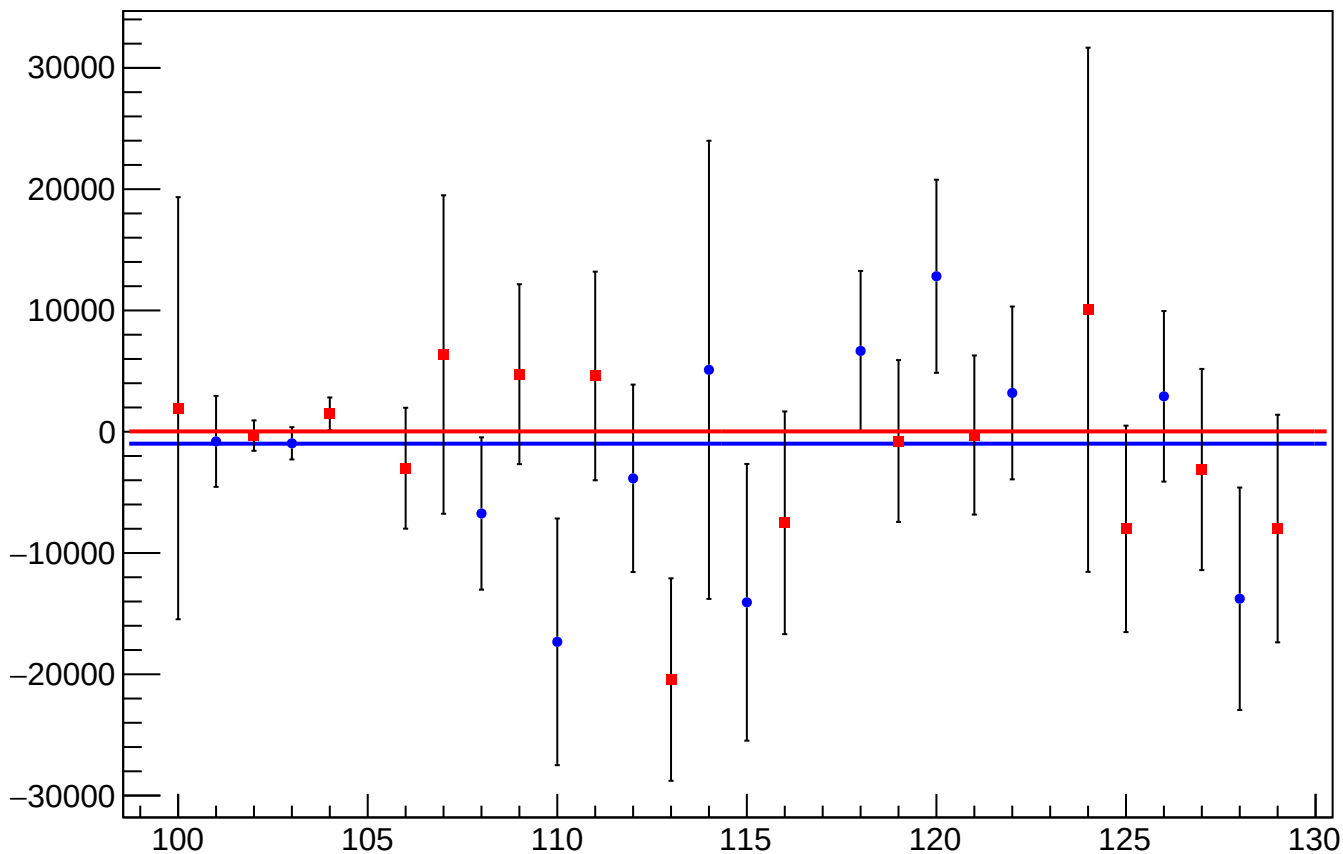
Right: 1942.029+/-0.424 χ^2/NDF : 470956.1/26

In: 1955.367+/-0.623 χ^2/NDF : 168747.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1942.029+/-0.424 χ^2/NDF : 470956.1/26

asym_atl1r2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -985.516+/-1125.847 χ^2/NDF : 11.9/11

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

Right Out: 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

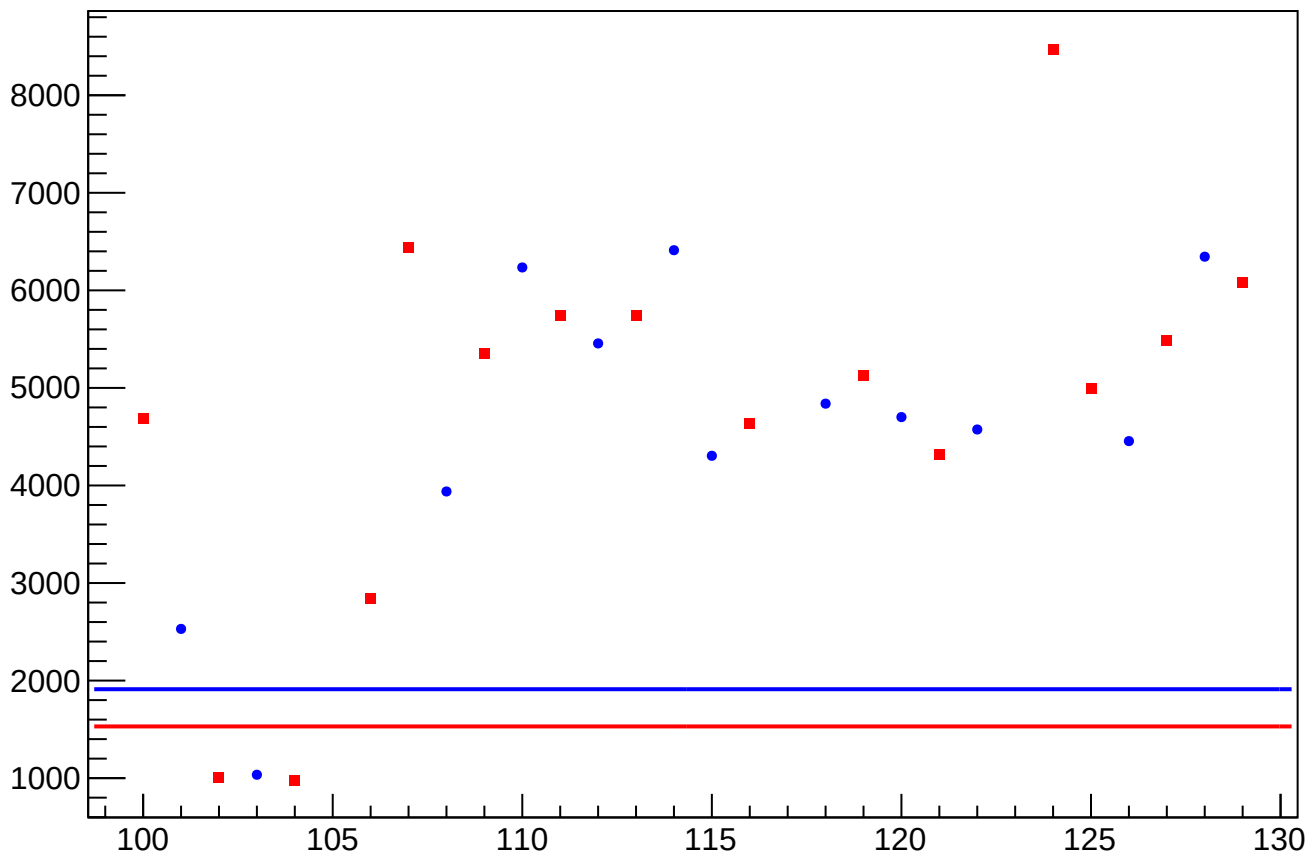
Right: -342.622+/-680.130 χ^2/NDF : 23.6/26

In: -985.516+/-1125.847 χ^2/NDF : 11.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -342.622+/-680.130 χ^2/NDF : 23.6/26

asym_atl1r2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1911.541+/-0.796 χ^2/NDF : 3762417.6/11

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

Right Out: 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

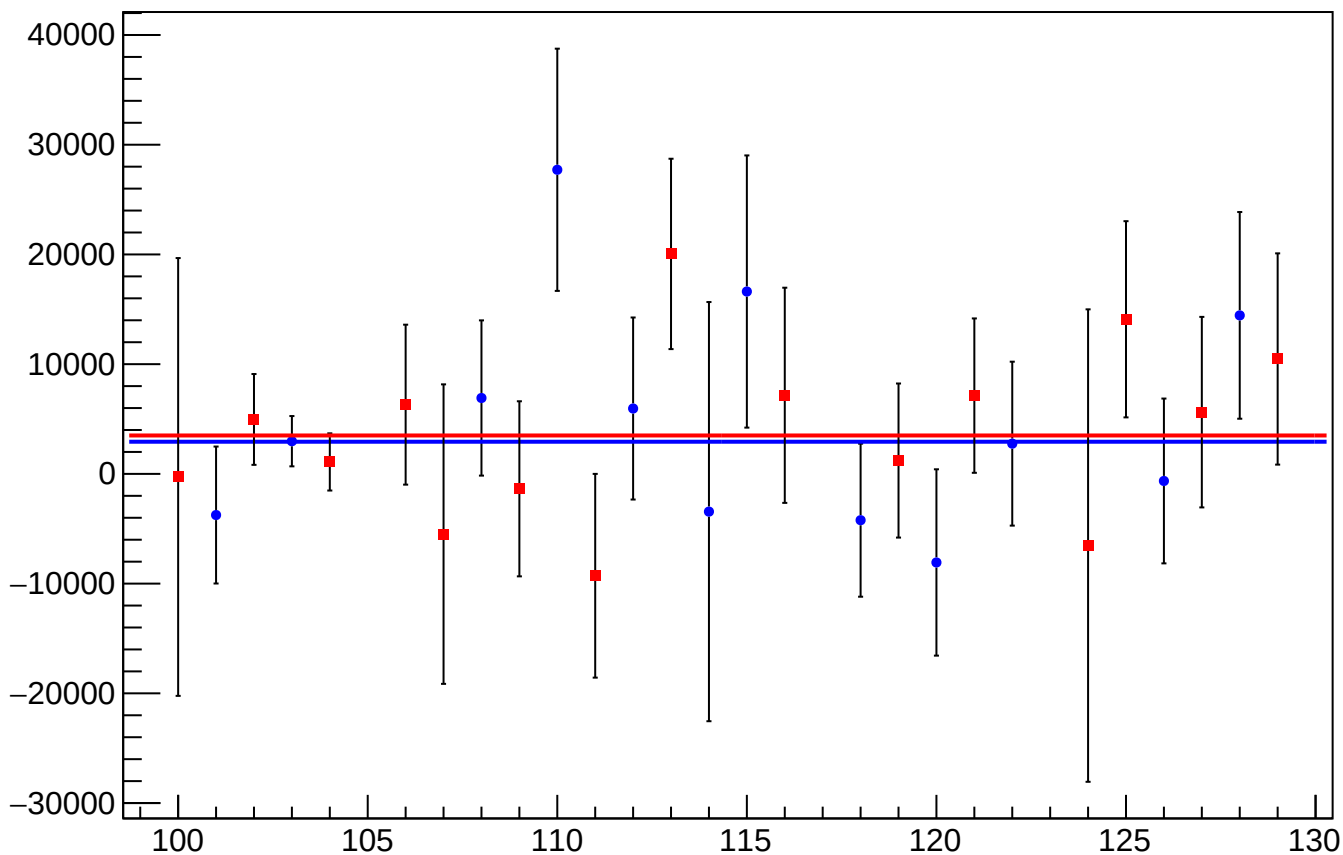
Right: 1669.279+/-0.481 χ^2/NDF : 9228940.7/26

In: 1911.541+/-0.796 χ^2/NDF : 3762417.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1669.279+/-0.481 χ^2/NDF : 9228940.7/26

asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2931.034 $\pm$ 1691.865 χ^2 /NDF: 12.4/11

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

Right Out: 3501.198 $\pm$ 1660.981 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

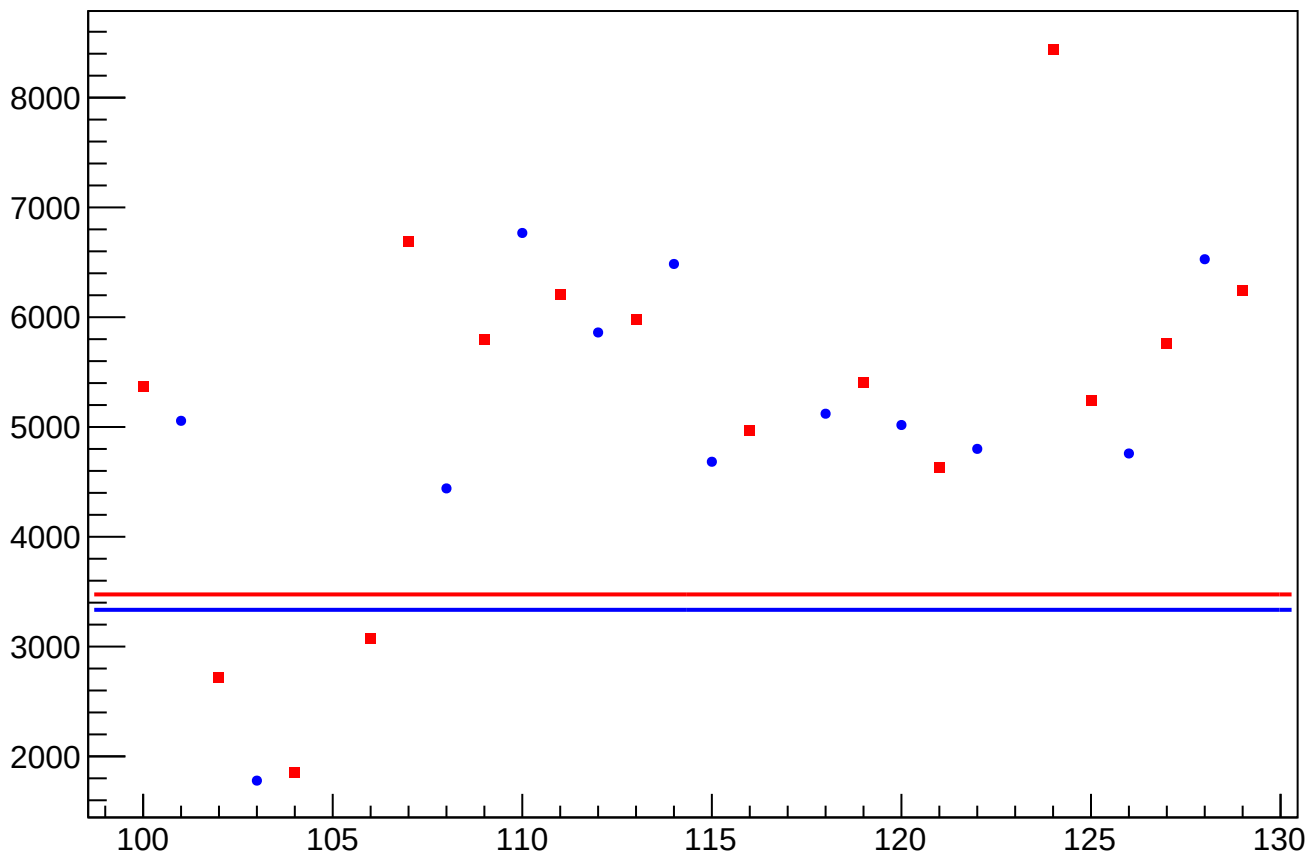
Right: 3221.367 $\pm$ 1185.259 χ^2 /NDF: 22.7/26

In: 2931.034 $\pm$ 1691.865 χ^2 /NDF:12.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3221.367 $\pm$ 1185.259 χ^2 /NDF: 22.7/26

asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 3334.752+/-1.196 χ^2/NDF : 2168024.3/11

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

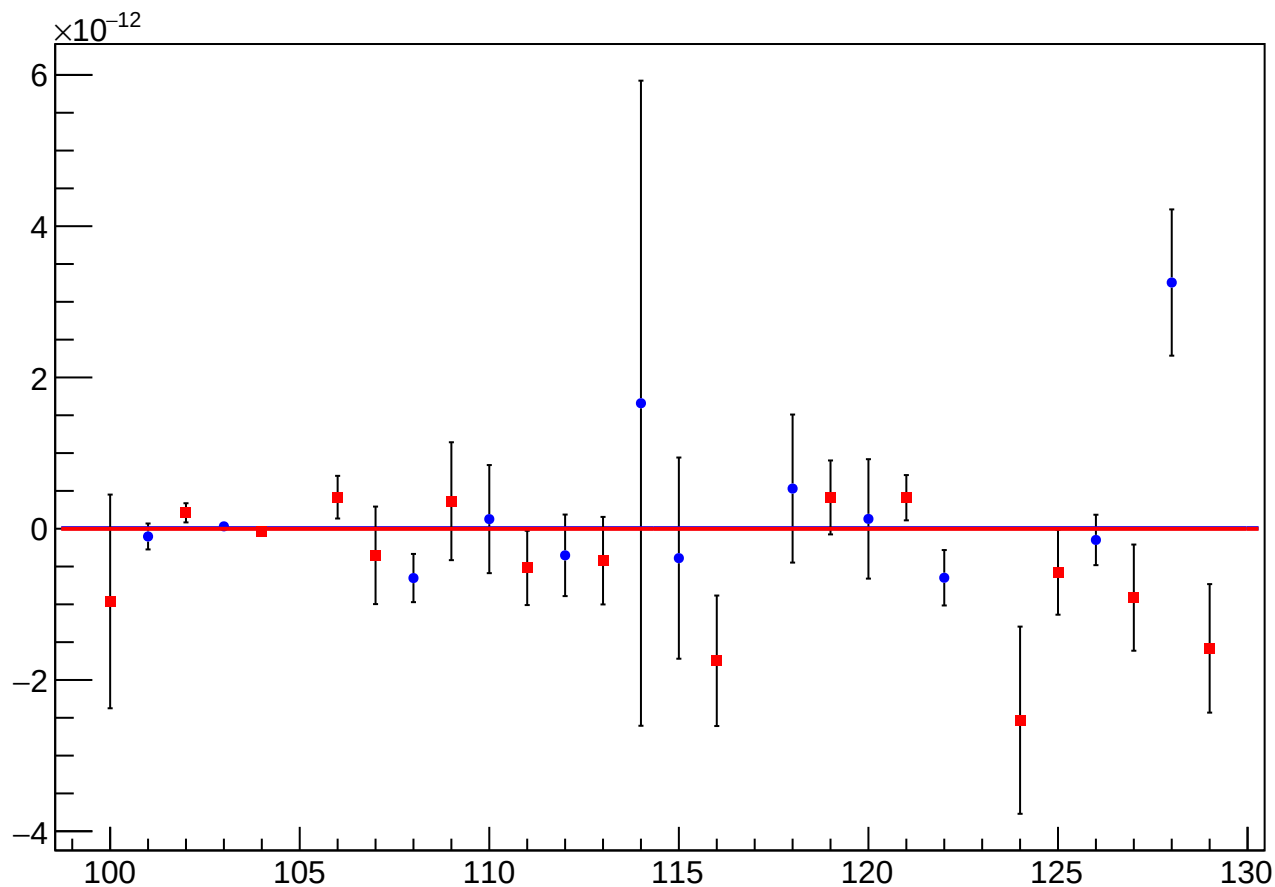
Right: 3406.981+/-0.833 χ^2/NDF : 4406538.0/26

In: 3334.752+/-1.196 χ^2/NDF : 2168024.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3406.981+/-0.833 χ^2/NDF : 4406538.0/26

asym_atl1r2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 20.7/11

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

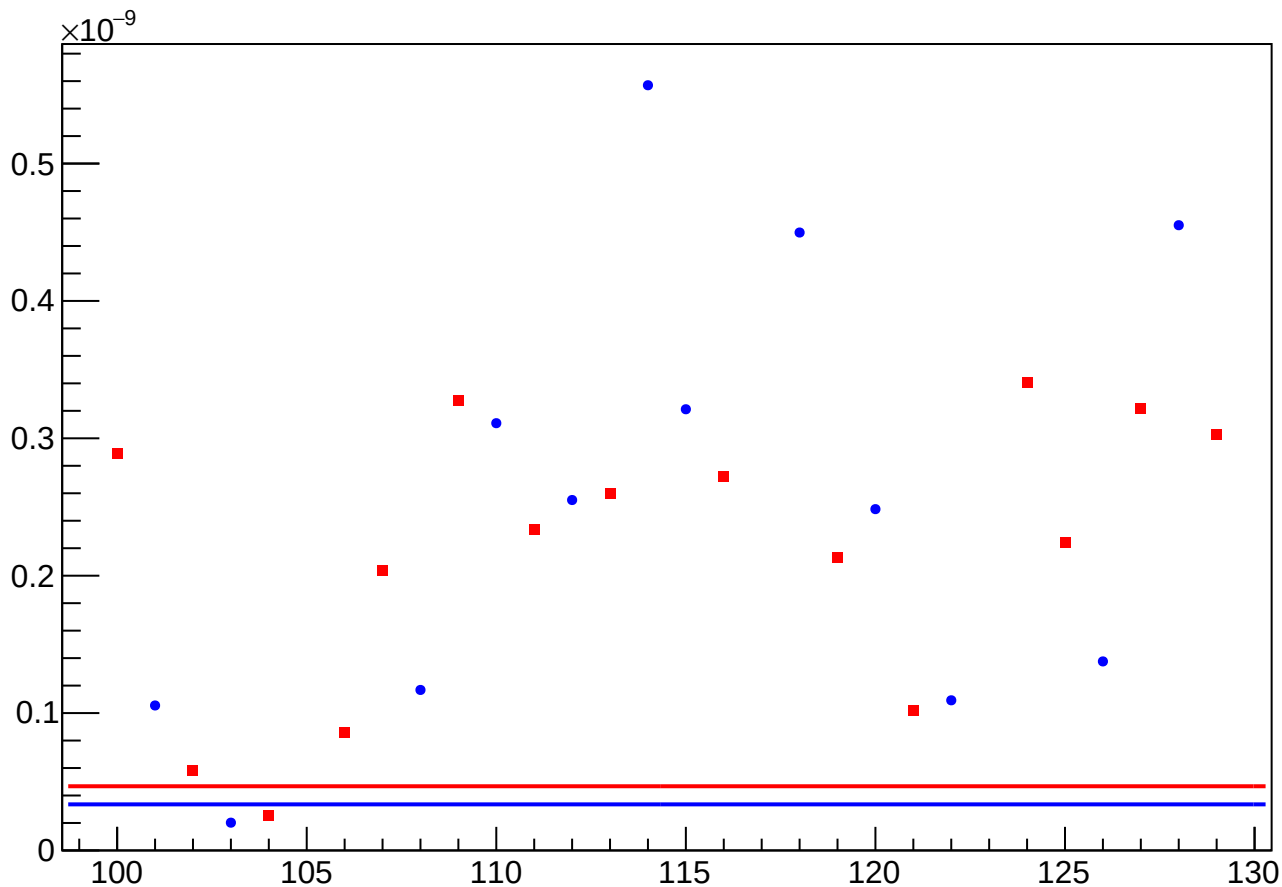
Right: 0.000+/-0.000 χ^2/NDF : 45.8/26

In: 0.000+/-0.000 χ^2/NDF : 20.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 45.8/26

asym_atl1r2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2621954.7/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 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

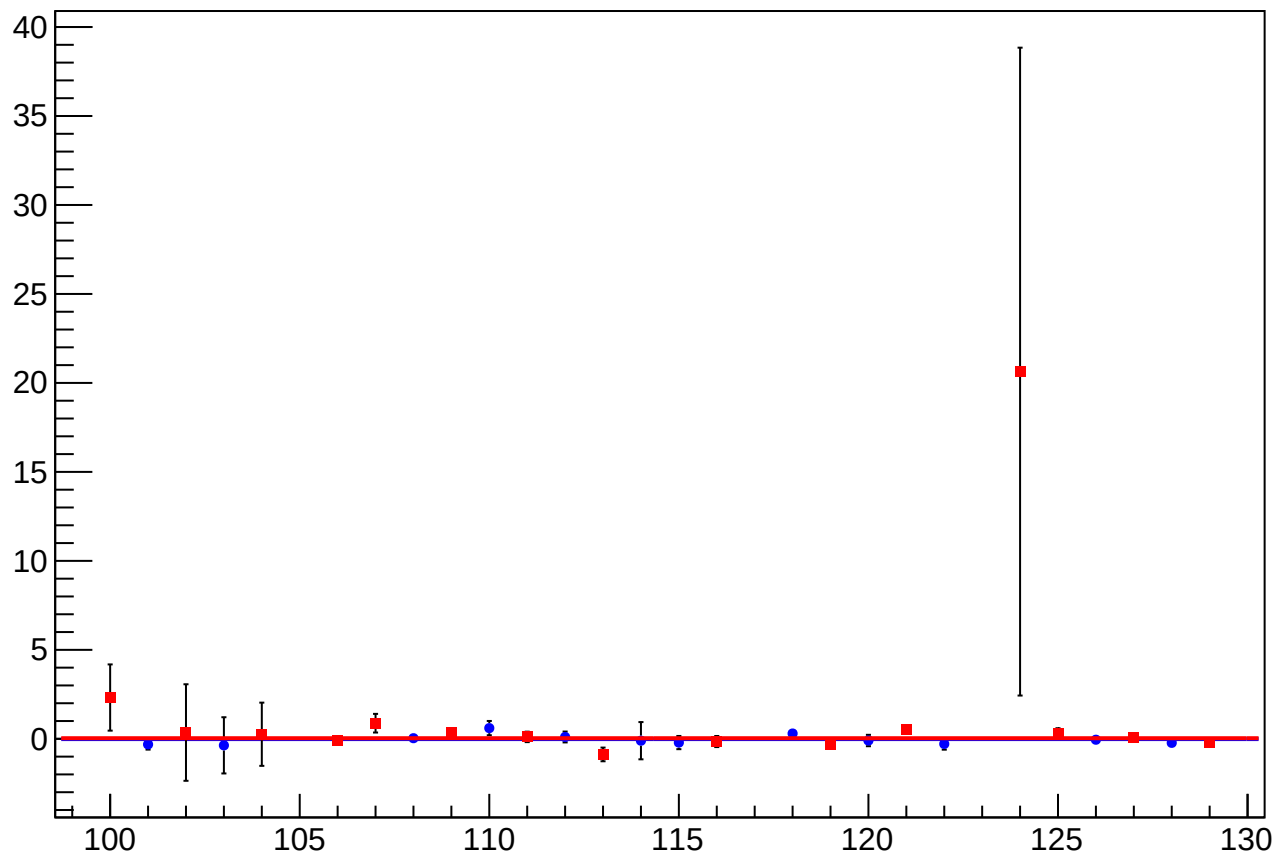
Right: 0.000+/-0.000 χ^2/NDF : 5290114.1/26

In: 0.000+/-0.000 χ^2/NDF : 2621954.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5290114.1/26

asym_atl1r2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014 ± 0.090 $\chi^2/\text{NDF}: 7.1/11$

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

Right Out: 0.034 ± 0.085 $\chi^2/\text{NDF}: 20.2/14$

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

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

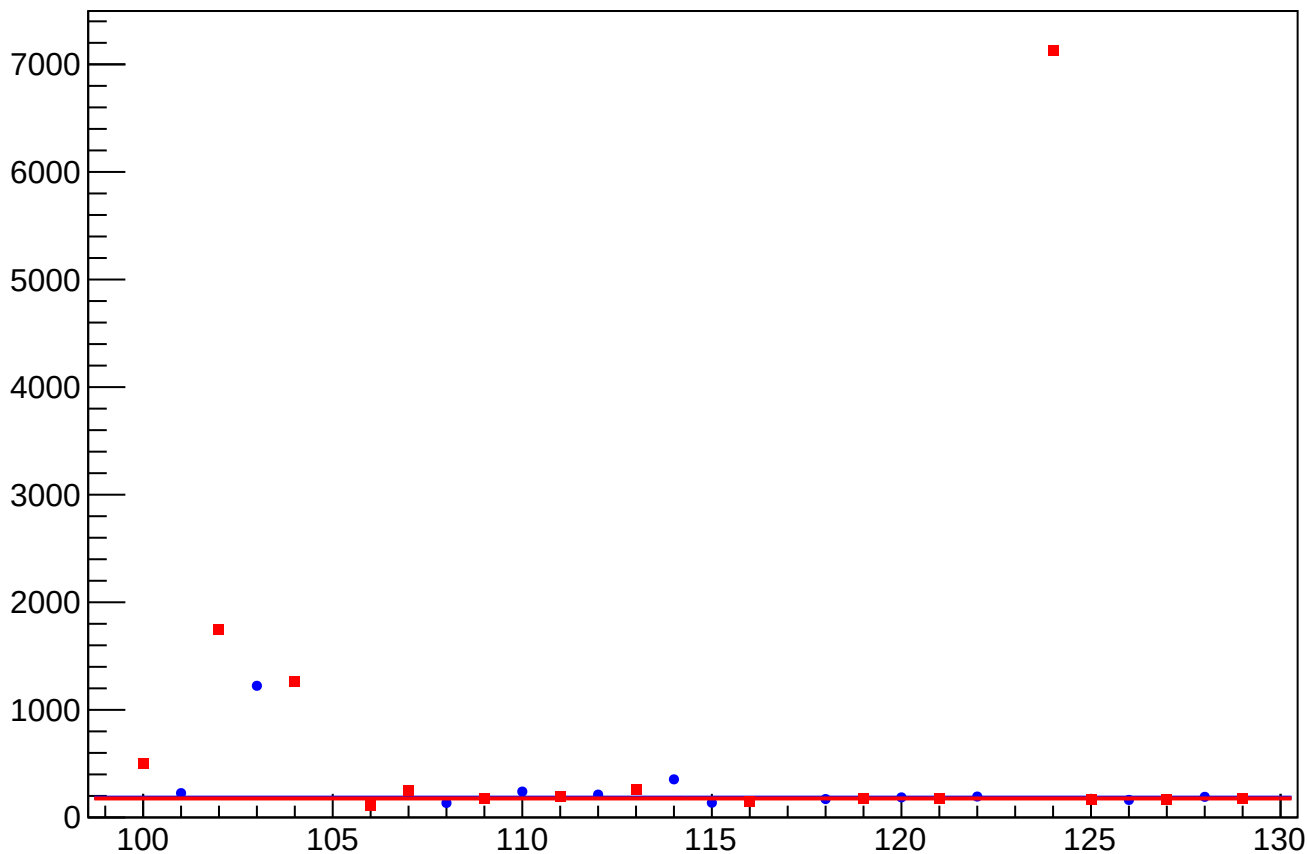
Right: 0.012 ± 0.062 $\chi^2/\text{NDF}: 27.4/26$

In: -0.014 ± 0.090 $\chi^2/\text{NDF}: 7.1/11$

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

All: 0.012 ± 0.062 $\chi^2/\text{NDF}: 27.4/26$

asym_atl1r2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 184.283+/-0.064 χ^2/NDF : 1172833.1/11

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

Right Out: 176.573+/-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

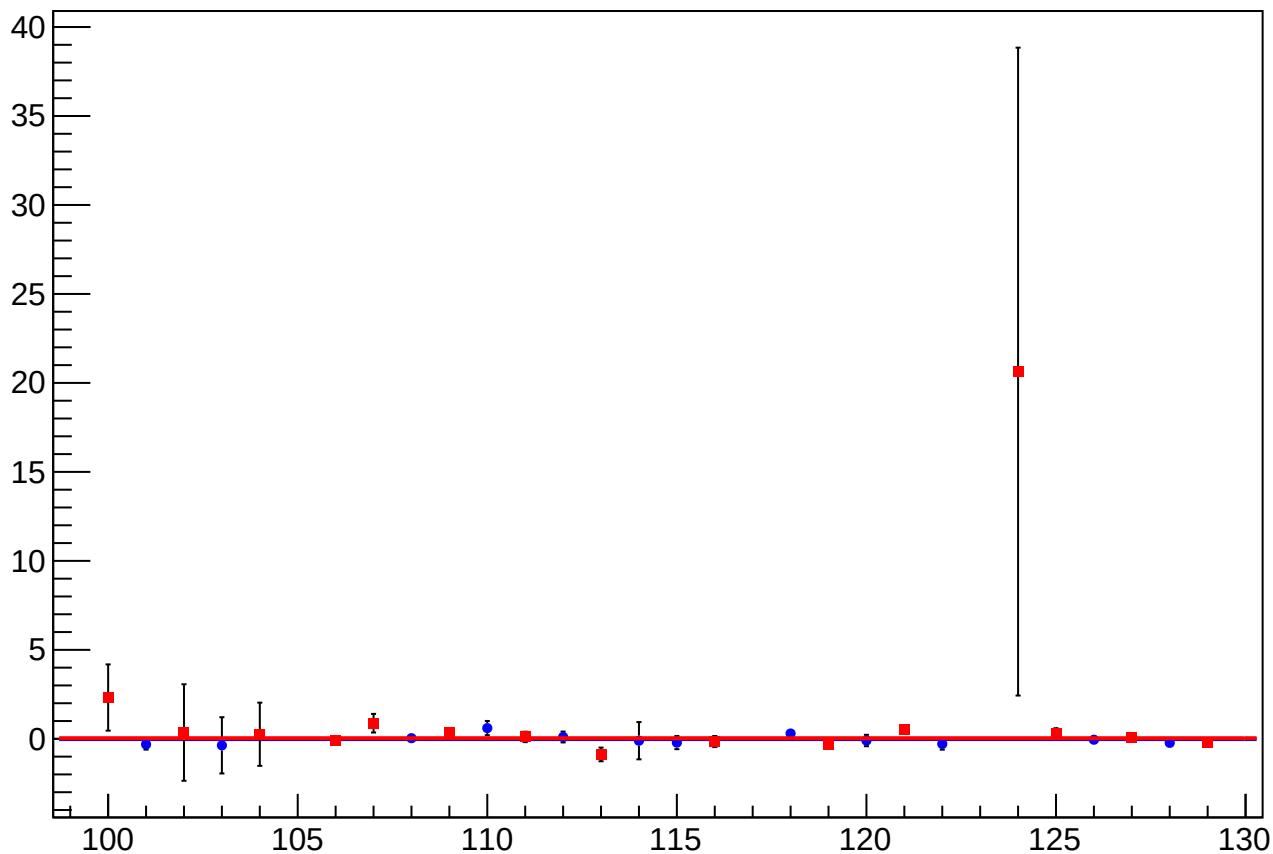
Right: 180.209+/-0.044 χ^2/NDF : 3269156.9/26

In: 184.283+/-0.064 χ^2/NDF : 1172833.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.209+/-0.044 χ^2/NDF : 3269156.9/26

asym_atl1r2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014+/-0.090 χ^2/NDF : 7.1/11

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

Right Out: 0.034+/-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

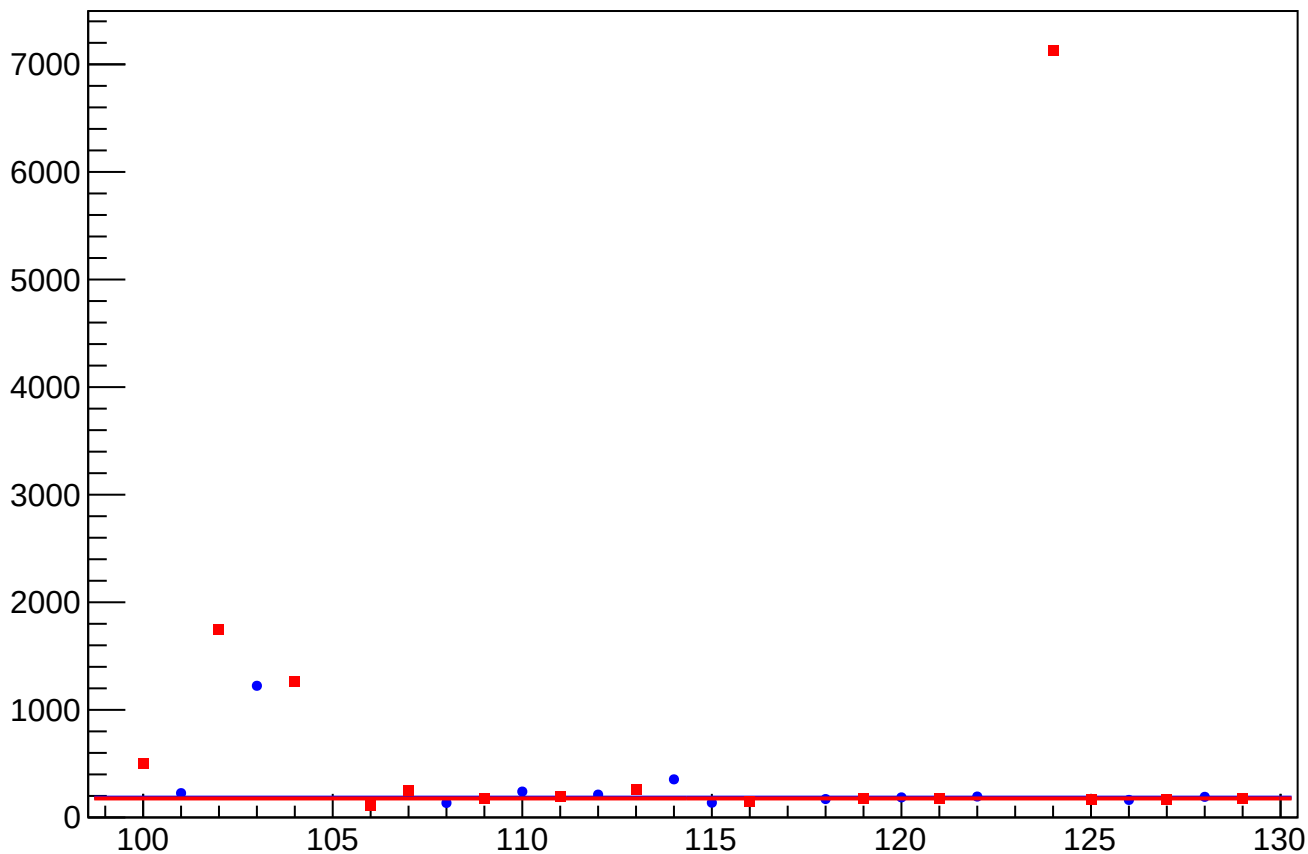
Right: 0.012+/-0.062 χ^2/NDF : 27.4/26

In: -0.014+/-0.090 χ^2/NDF :7.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.062 χ^2/NDF : 27.4/26

asym_atl1r2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 184.283+/-0.064 χ^2/NDF : 1172833.1/11

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

Right Out: 176.573+/-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

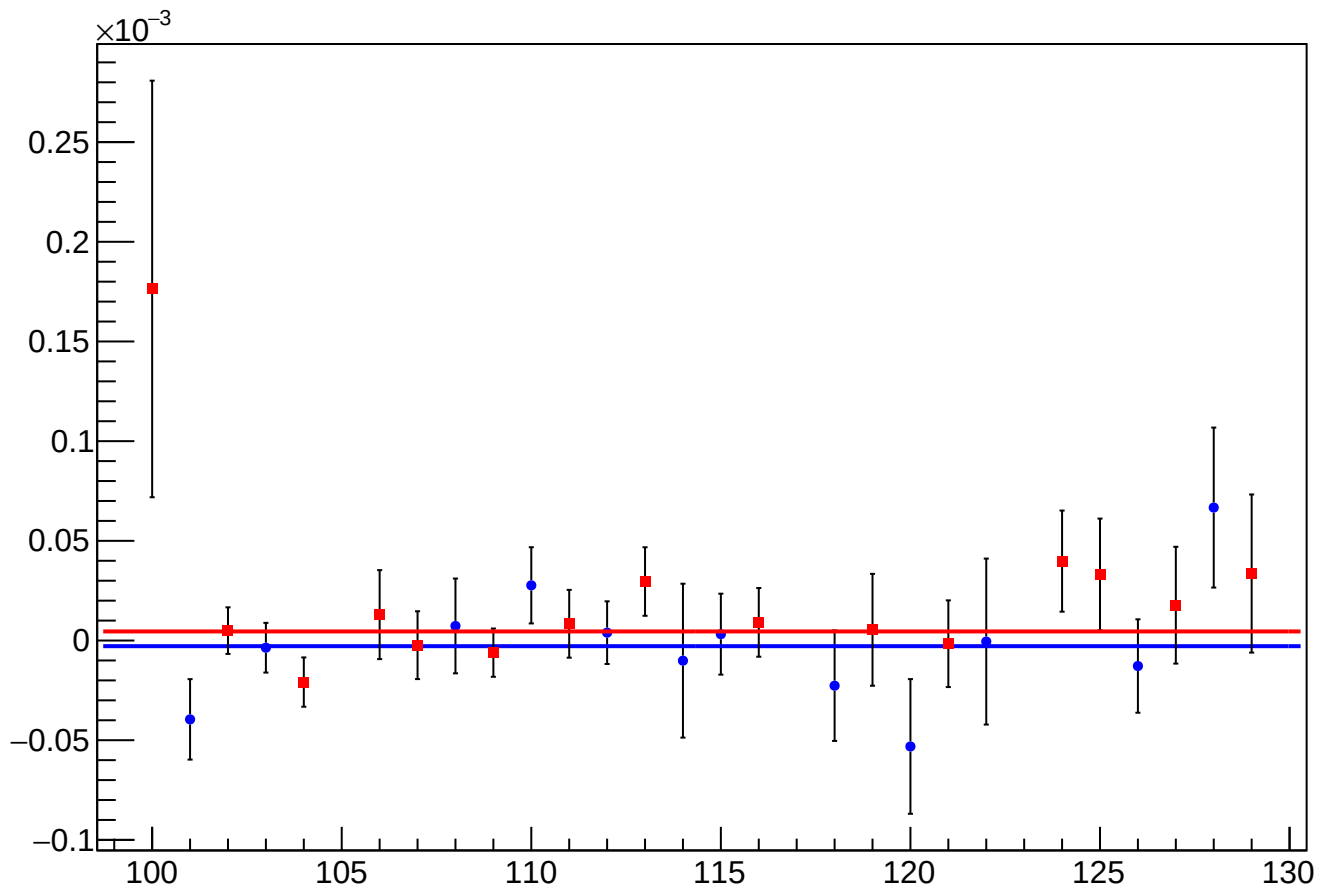
Right: 180.209+/-0.044 χ^2/NDF : 3269156.9/26

In: 184.283+/-0.064 χ^2/NDF : 1172833.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.209+/-0.044 χ^2/NDF : 3269156.9/26

asym_atl1r2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.3/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 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

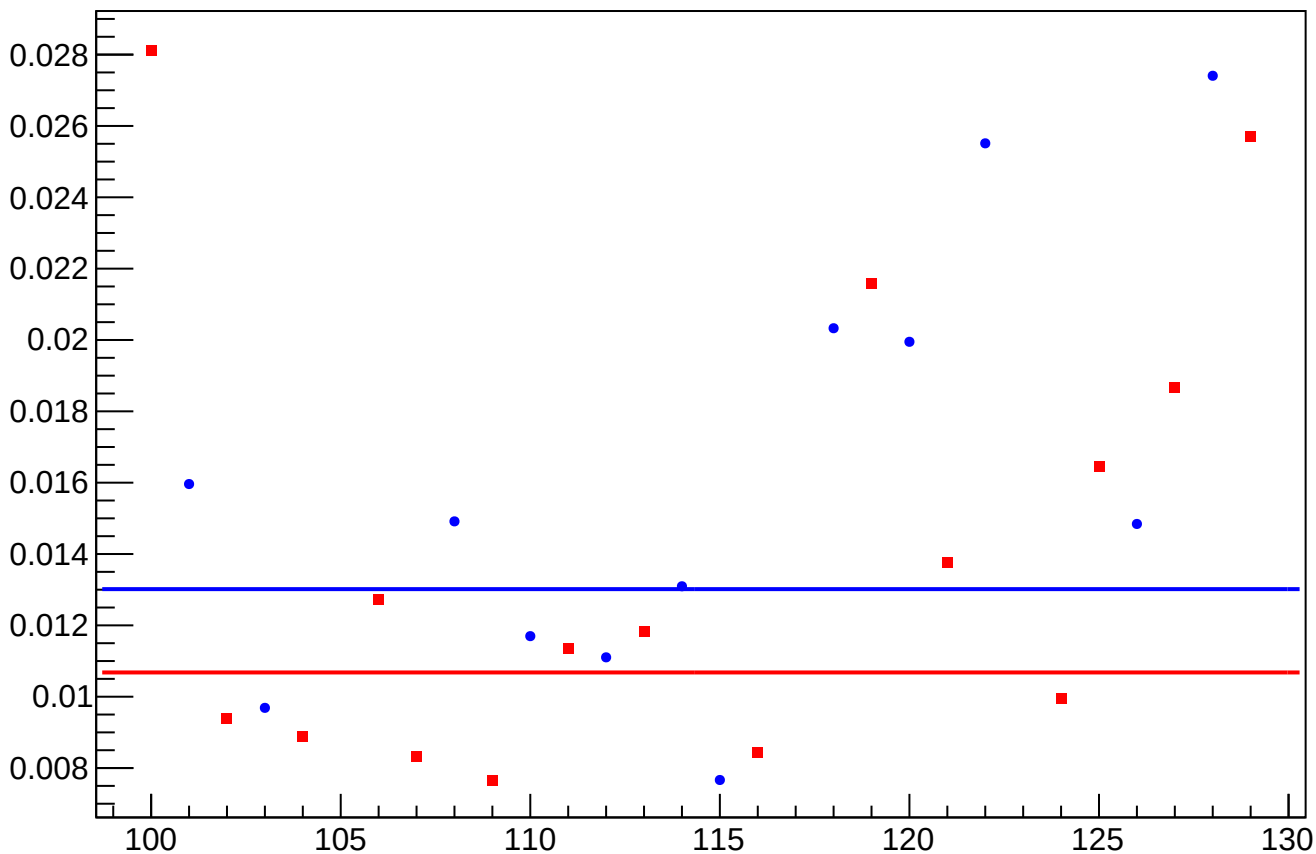
Right: 0.000+/-0.000 χ^2/NDF : 27.2/26

In: -0.000+/-0.000 χ^2/NDF : 12.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.2/26

asym_atl1r2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 1049310.7/11

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

Right Out: 0.011+/-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

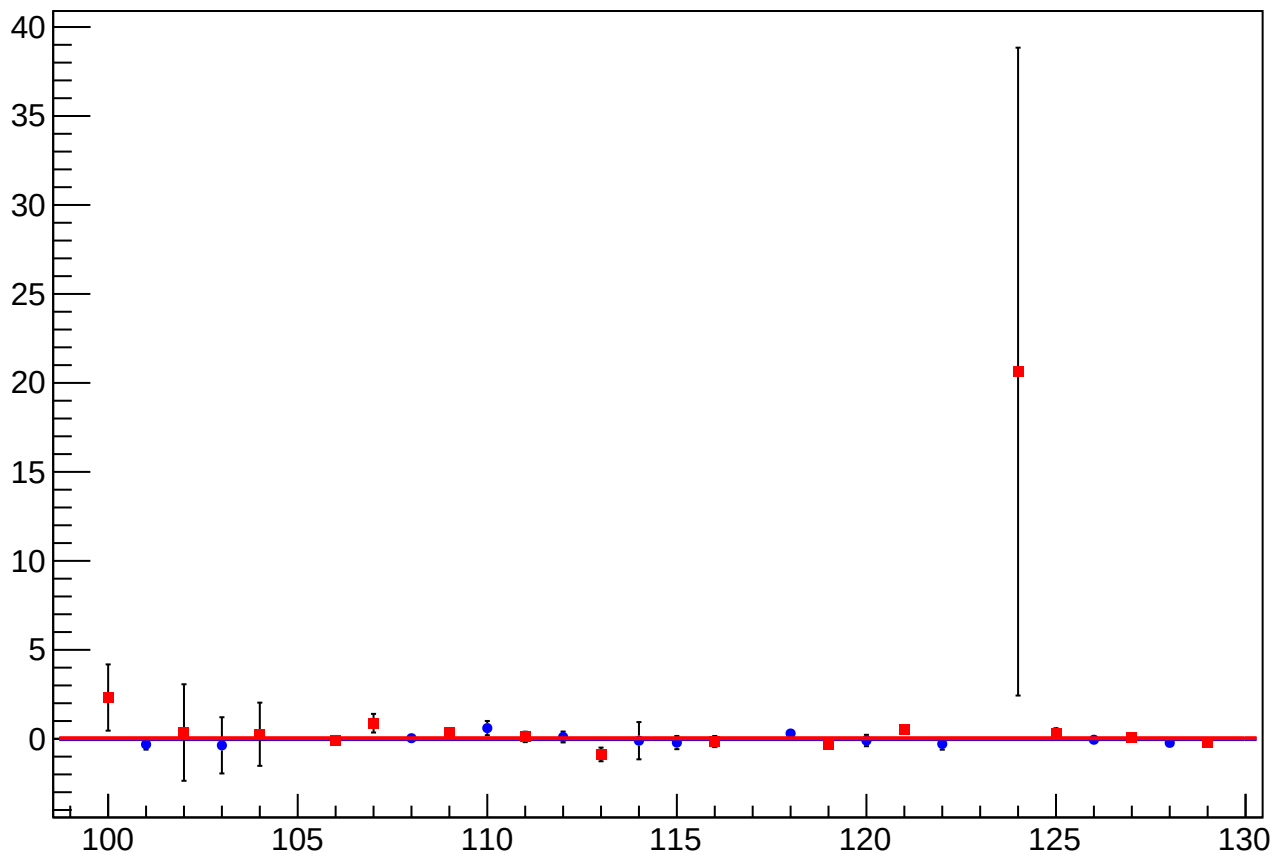
Right: 0.012+/-0.000 χ^2/NDF : 2439329.0/26

In: 0.013+/-0.000 χ^2/NDF :1049310.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.000 χ^2/NDF : 2439329.0/26

asym_atl1r2_avg_eigen_dit_vs_slug, Sign Corrected



Right In: -0.014+/-0.090 χ^2/NDF : 7.1/11

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

Right Out: 0.034+/-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

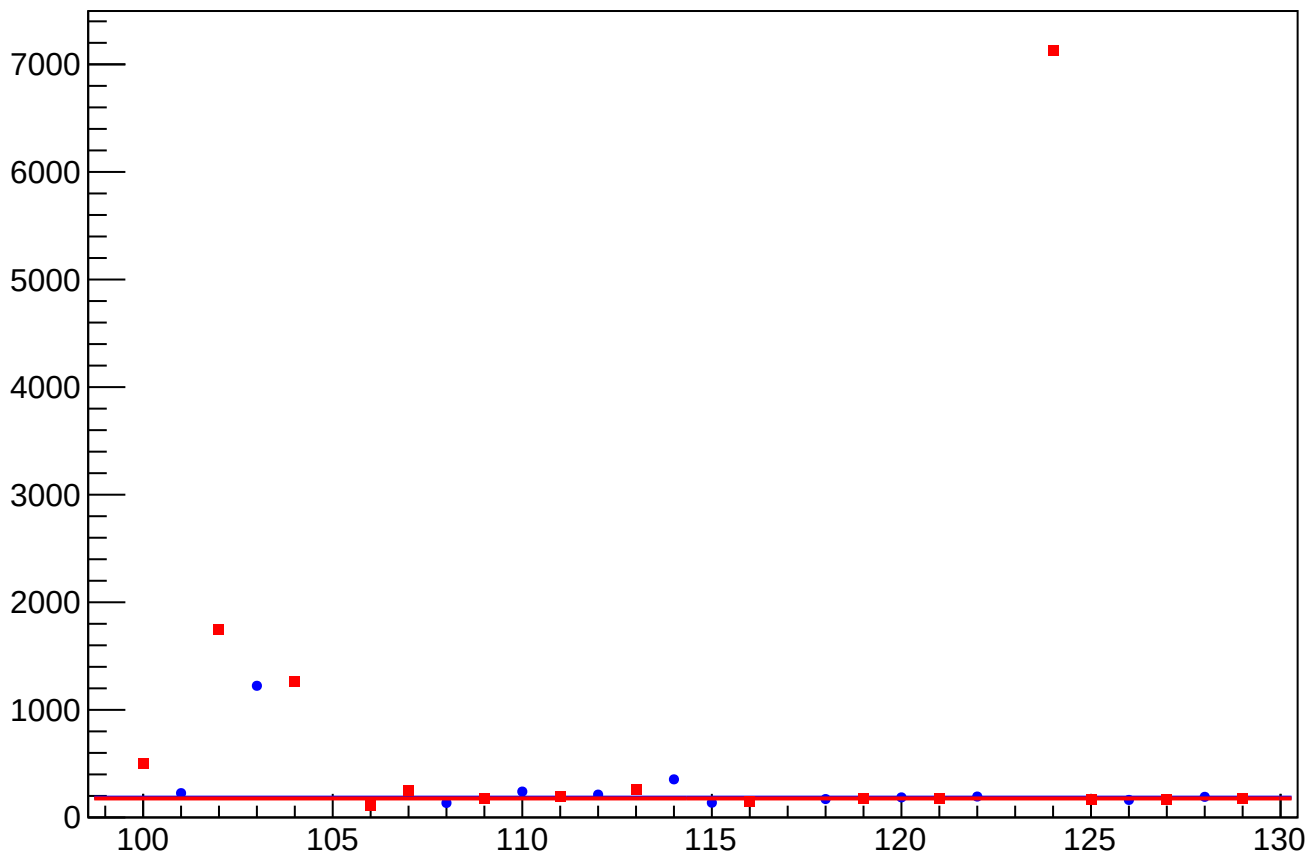
Right: 0.012+/-0.062 χ^2/NDF : 27.4/26

In: -0.014+/-0.090 χ^2/NDF : 7.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.062 χ^2/NDF : 27.4/26

asym_atl1r2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 184.281+/-0.064 χ^2/NDF : 1172841.4/11

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

Right Out: 176.571+/-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

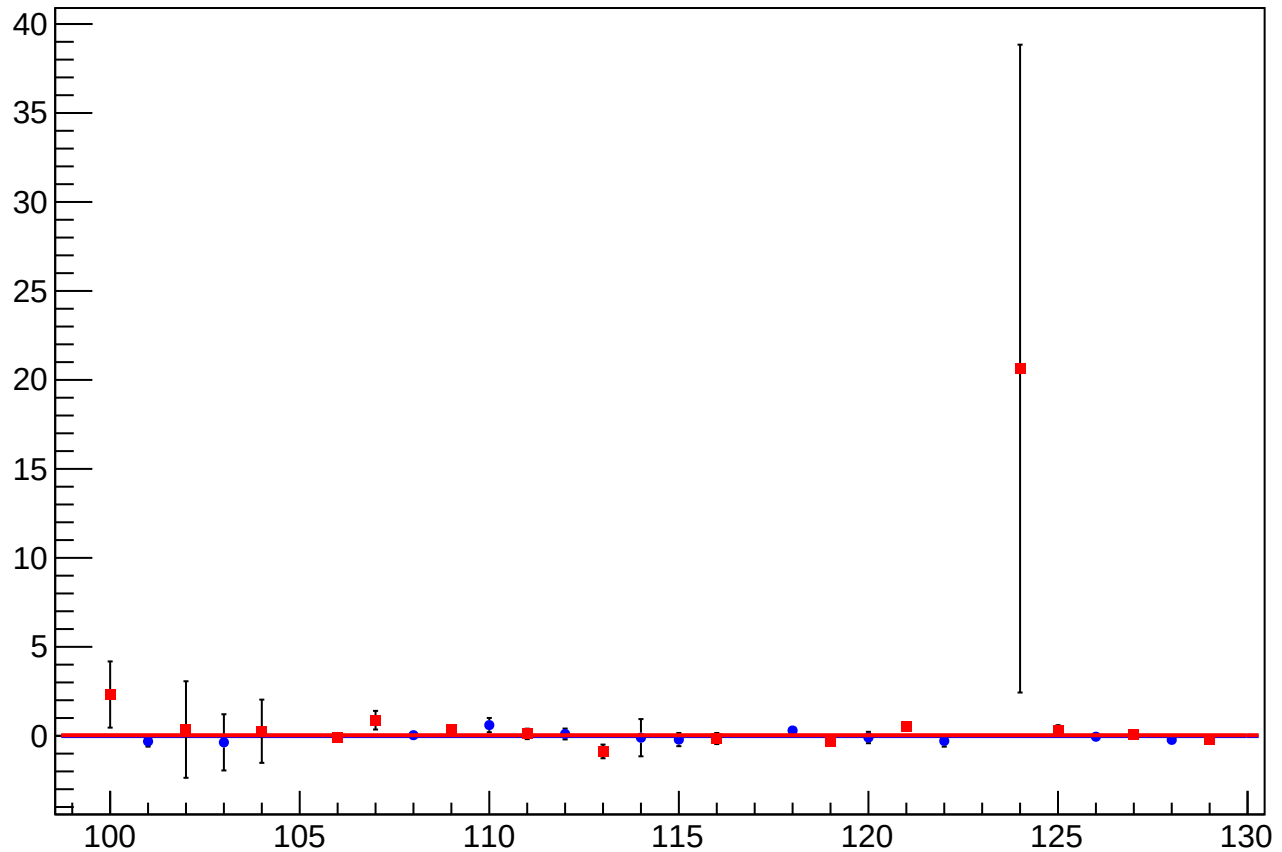
Right: 180.207+/-0.044 χ^2/NDF : 3269189.7/26

In: 184.281+/-0.064 χ^2/NDF : 1172841.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.207+/-0.044 χ^2/NDF : 3269189.7/26

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014 ± 0.090 χ^2/NDF : 7.1/11

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

Right Out: 0.034 ± 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

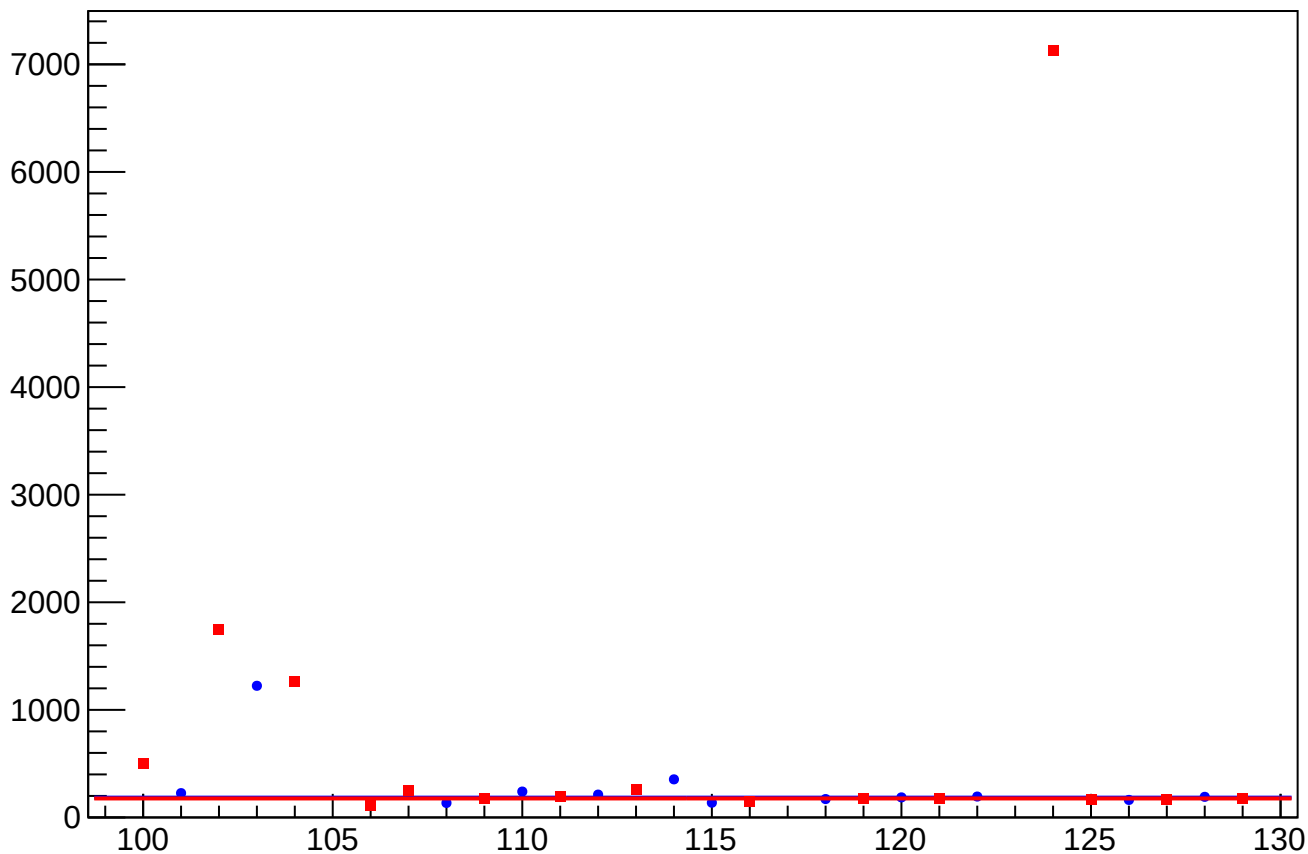
Right: 0.012 ± 0.062 χ^2/NDF : 27.4/26

In: -0.014 ± 0.090 χ^2/NDF : 7.1/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.012 ± 0.062 χ^2/NDF : 27.4/26

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 184.281+/-0.064 χ^2/NDF : 1172841.4/11

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

Right Out: 176.571+/-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

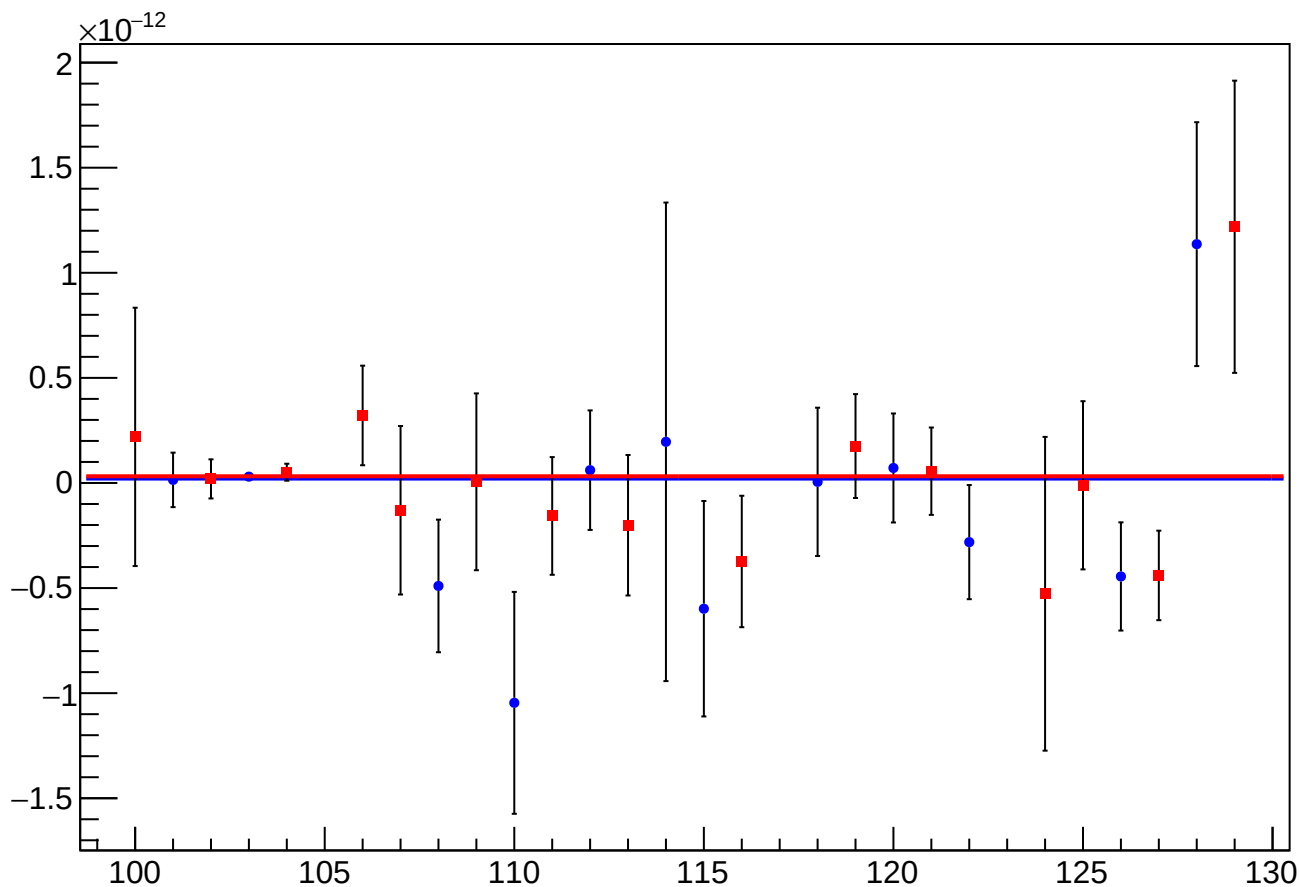
Right: 180.207+/-0.044 χ^2/NDF : 3269189.7/26

In: 184.281+/-0.064 χ^2/NDF : 1172841.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.207+/-0.044 χ^2/NDF : 3269189.7/26

asym_atl1r2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.6/11

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

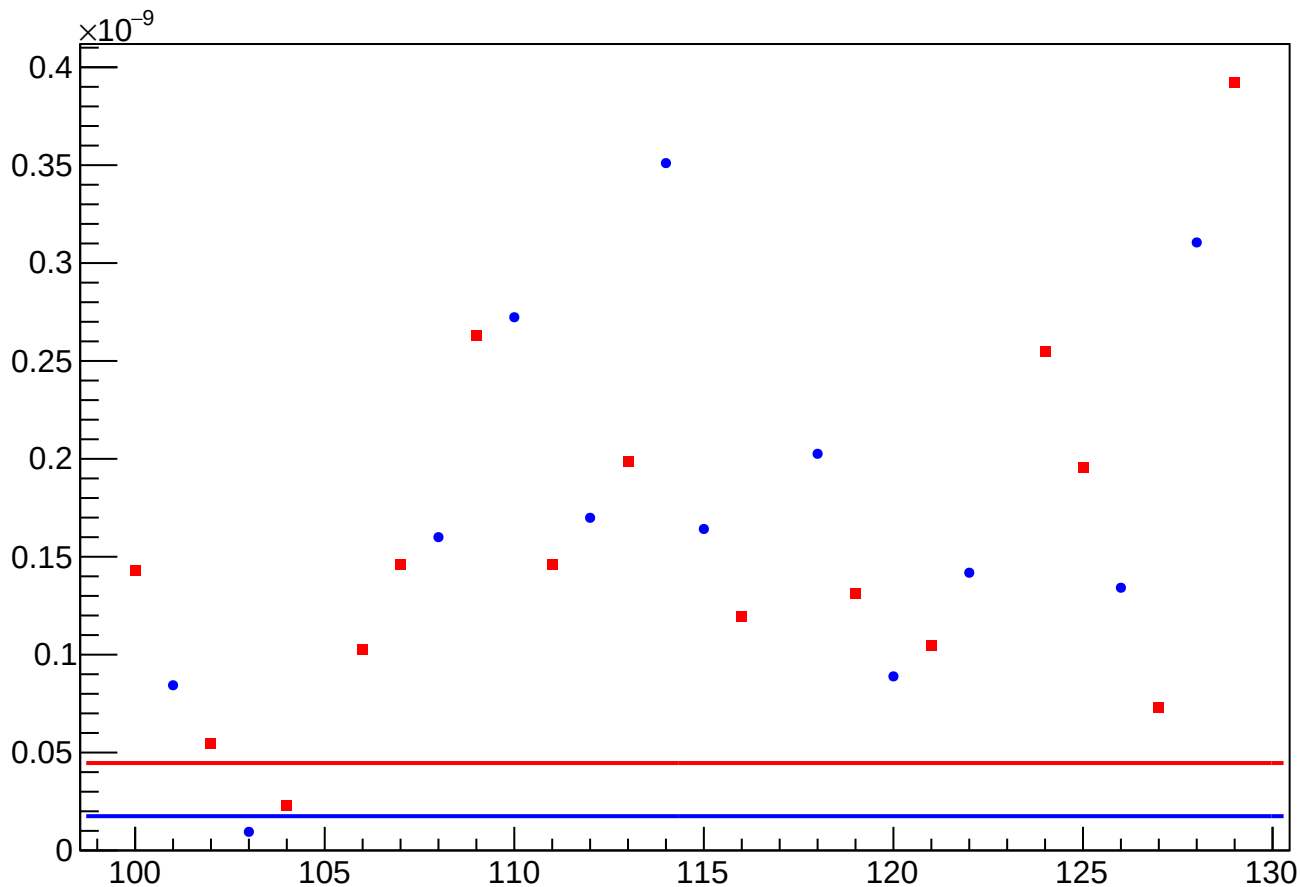
Right: 0.000+/-0.000 χ^2/NDF : 30.1/26

In: 0.000+/-0.000 χ^2/NDF : 16.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.1/26

asym_atl1r2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4613353.9/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 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

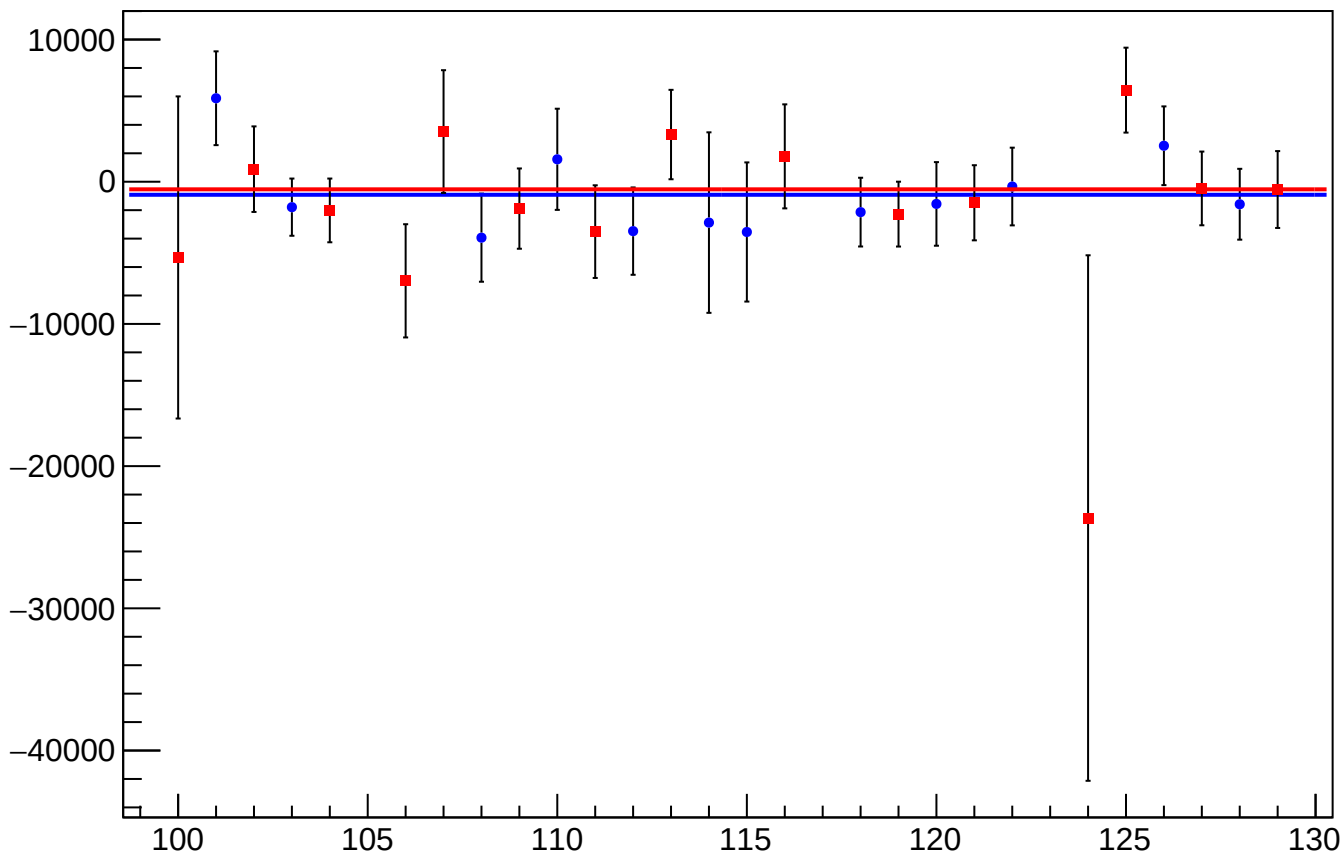
Right: 0.000+/-0.000 χ^2/NDF : 9142678.3/26

In: 0.000+/-0.000 χ^2/NDF :4613353.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9142678.3/26

reg_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -917.261 ± 842.969 χ^2/NDF : 8.9/11

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

Right Out: -534.201 ± 799.051 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

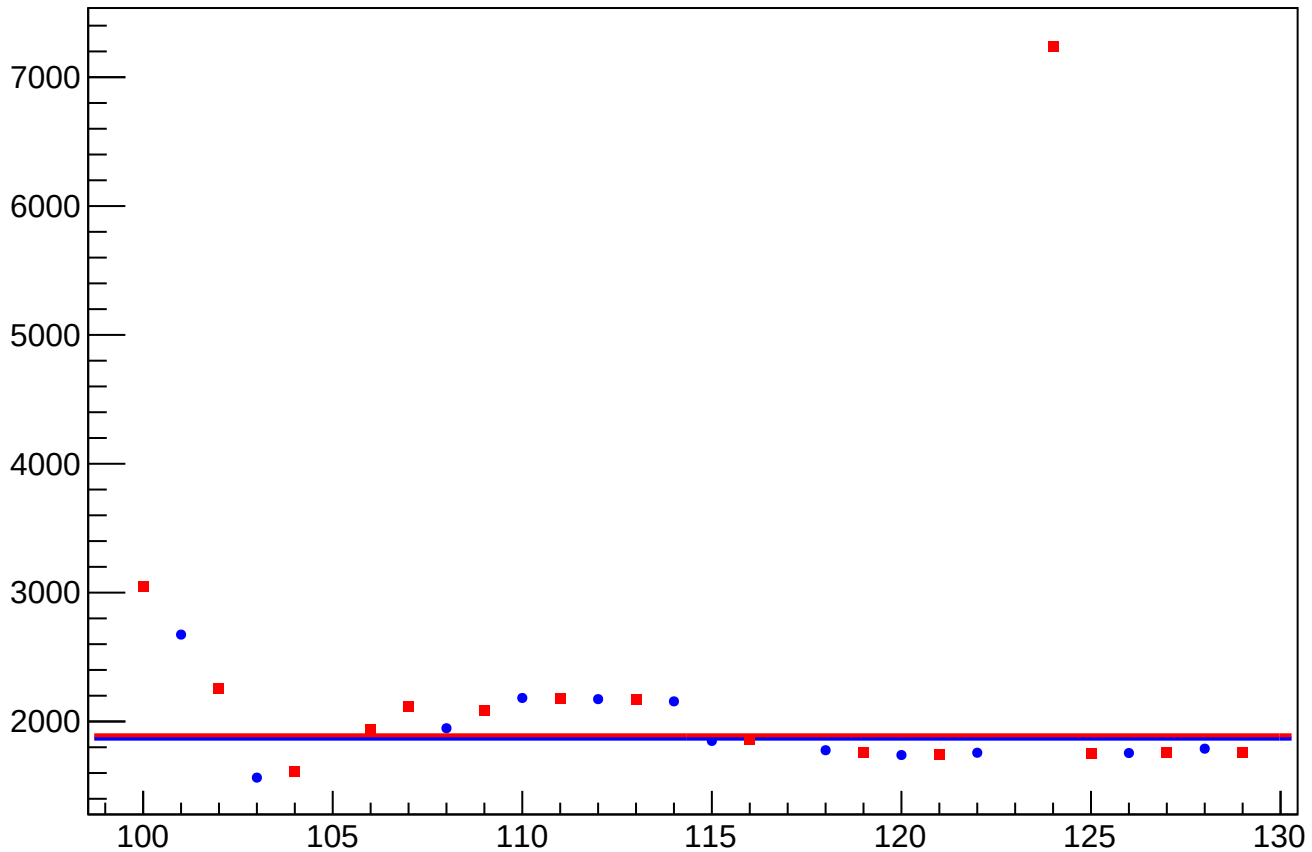
Right: -715.493 ± 579.919 χ^2/NDF : 24.1/26

In: -917.261 ± 842.969 χ^2/NDF : 8.9/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -715.493 ± 579.919 χ^2/NDF : 24.1/26

reg_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1866.785+/-0.596 χ^2/NDF : 221211.5/11

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

Right Out: 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

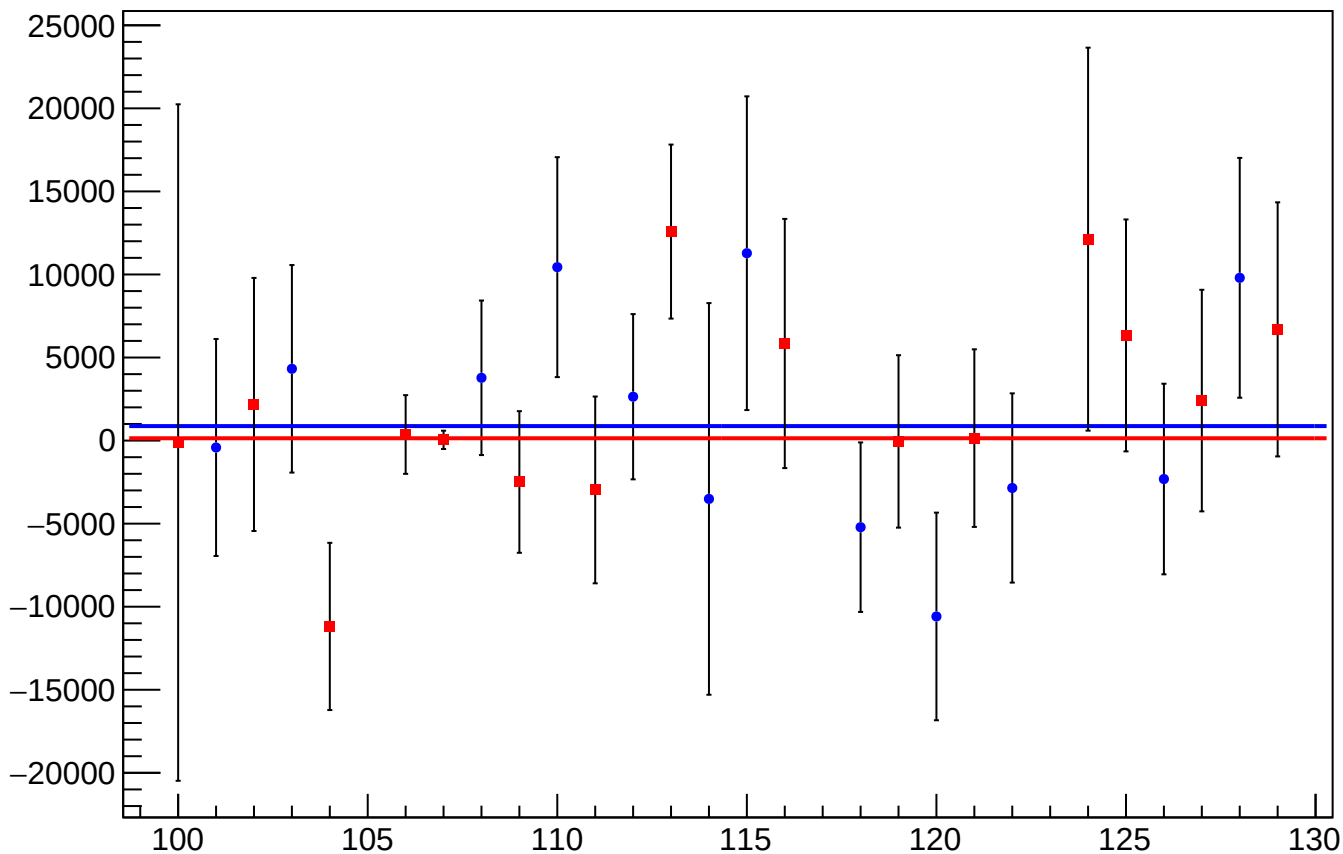
Right: 1880.495+/-0.409 χ^2/NDF : 545915.7/26

In: 1866.785+/-0.596 χ^2/NDF : 221211.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1880.495+/-0.409 χ^2/NDF : 545915.7/26

asym_atl1r2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 872.625 $\pm$ 1763.951 χ^2 /NDF: 11.4/11

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

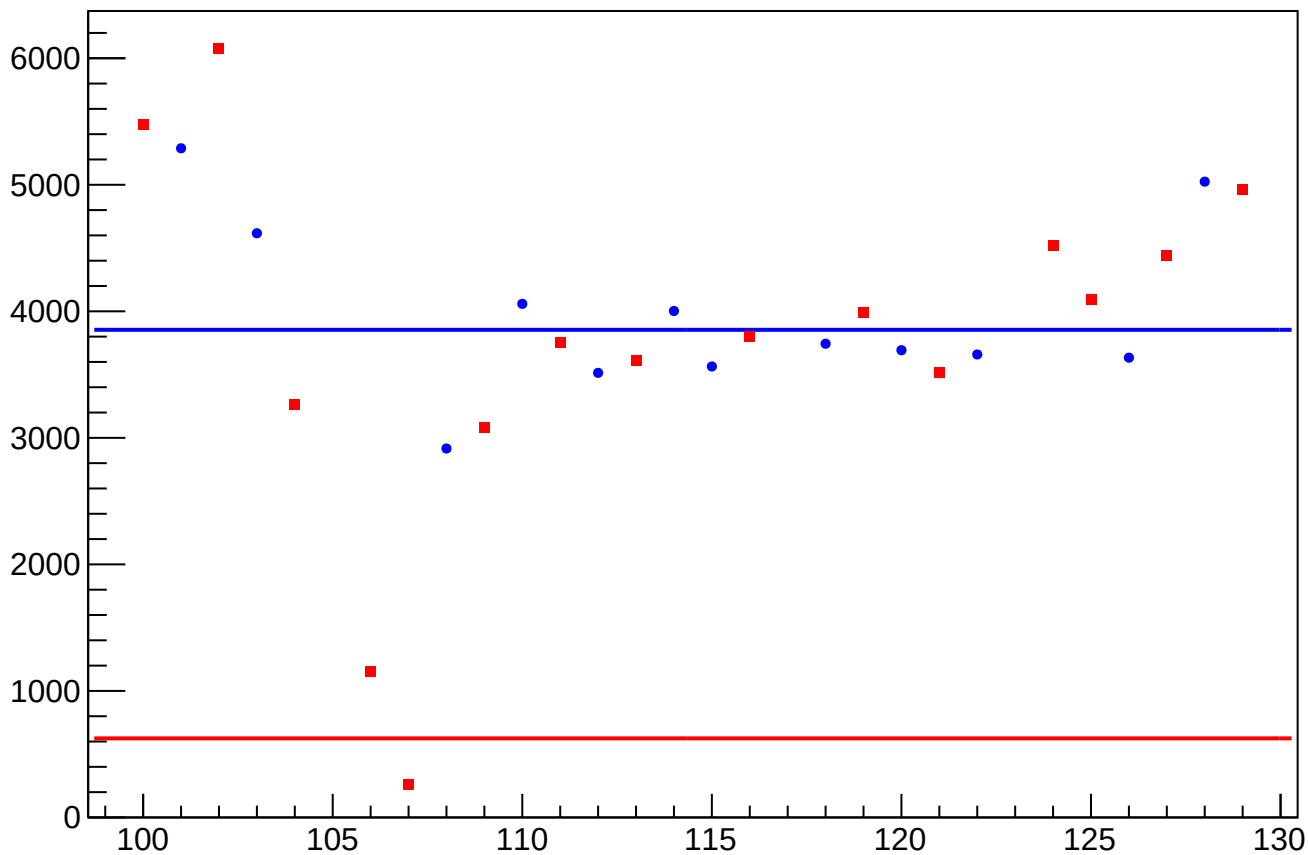
Right: 196.442 $\pm$ 491.449 χ^2 /NDF: 26.3/26

In: 872.625 $\pm$ 1763.951 χ^2 /NDF: 11.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 196.442 $\pm$ 491.449 χ^2 /NDF: 26.3/26

asym_atl1r2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3853.834+/-1.247 χ^2/NDF : 281411.8/11

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

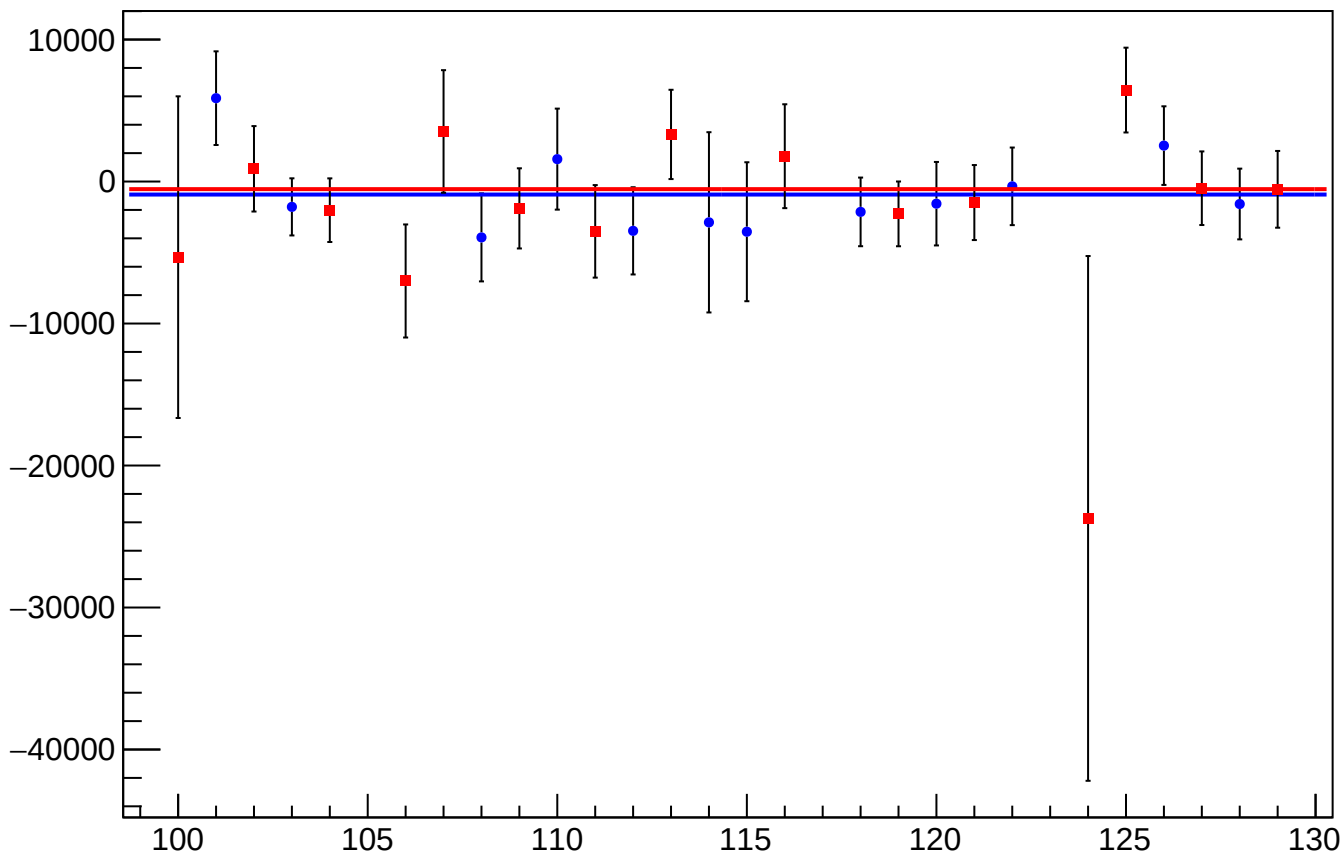
Right: 875.646+/-0.348 χ^2/NDF : 14849374.1/26

In: 3853.834+/-1.247 χ^2/NDF : 281411.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 875.646+/-0.348 χ^2/NDF : 14849374.1/26

cor_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -916.635+/-842.969 χ^2 /NDF: 8.9/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -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

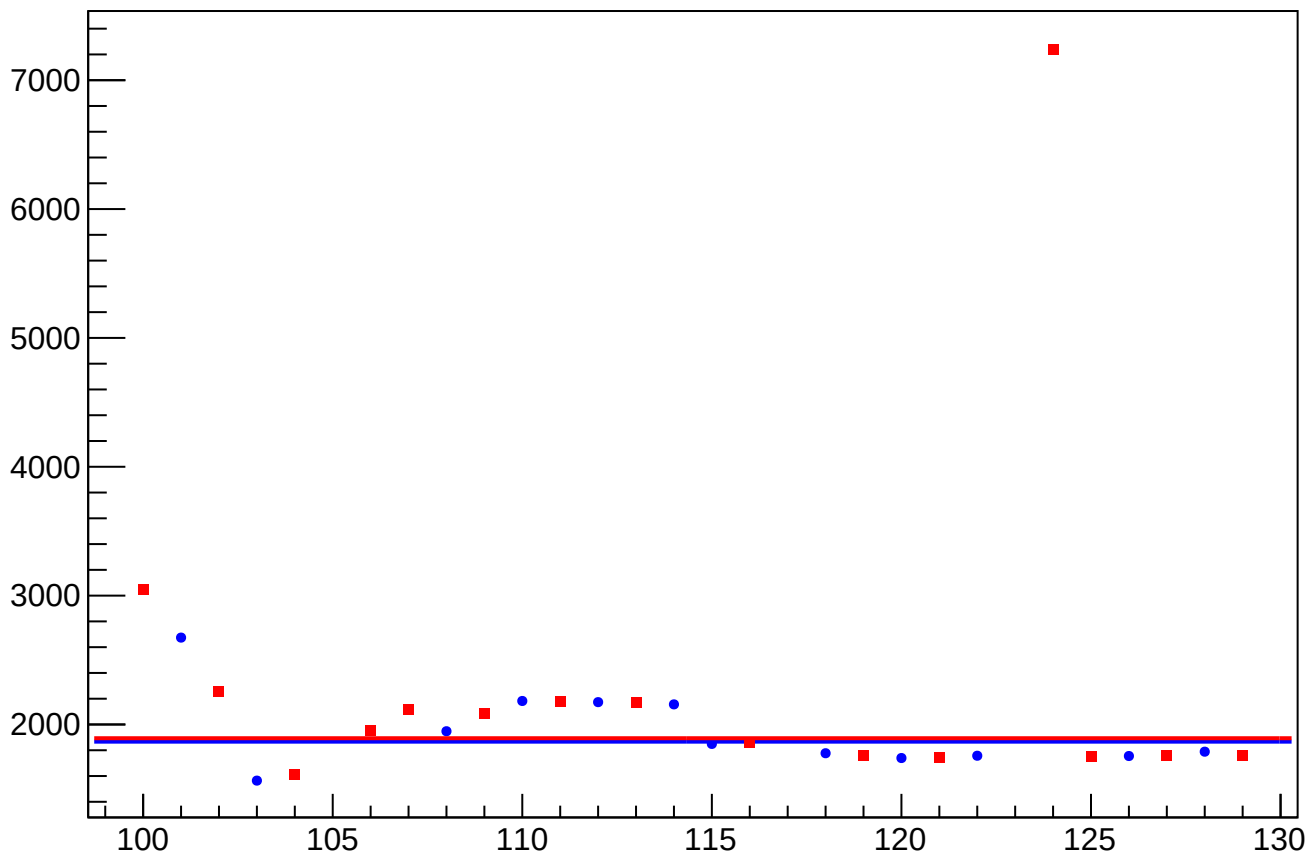
Right: -715.534+/-579.920 χ^2 /NDF: 24.1/26

In: -916.635+/-842.969 χ^2 /NDF:8.9/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -715.534+/-579.920 χ^2 /NDF: 24.1/26

cor_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1866.786+/-0.596 χ^2/NDF : 221210.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

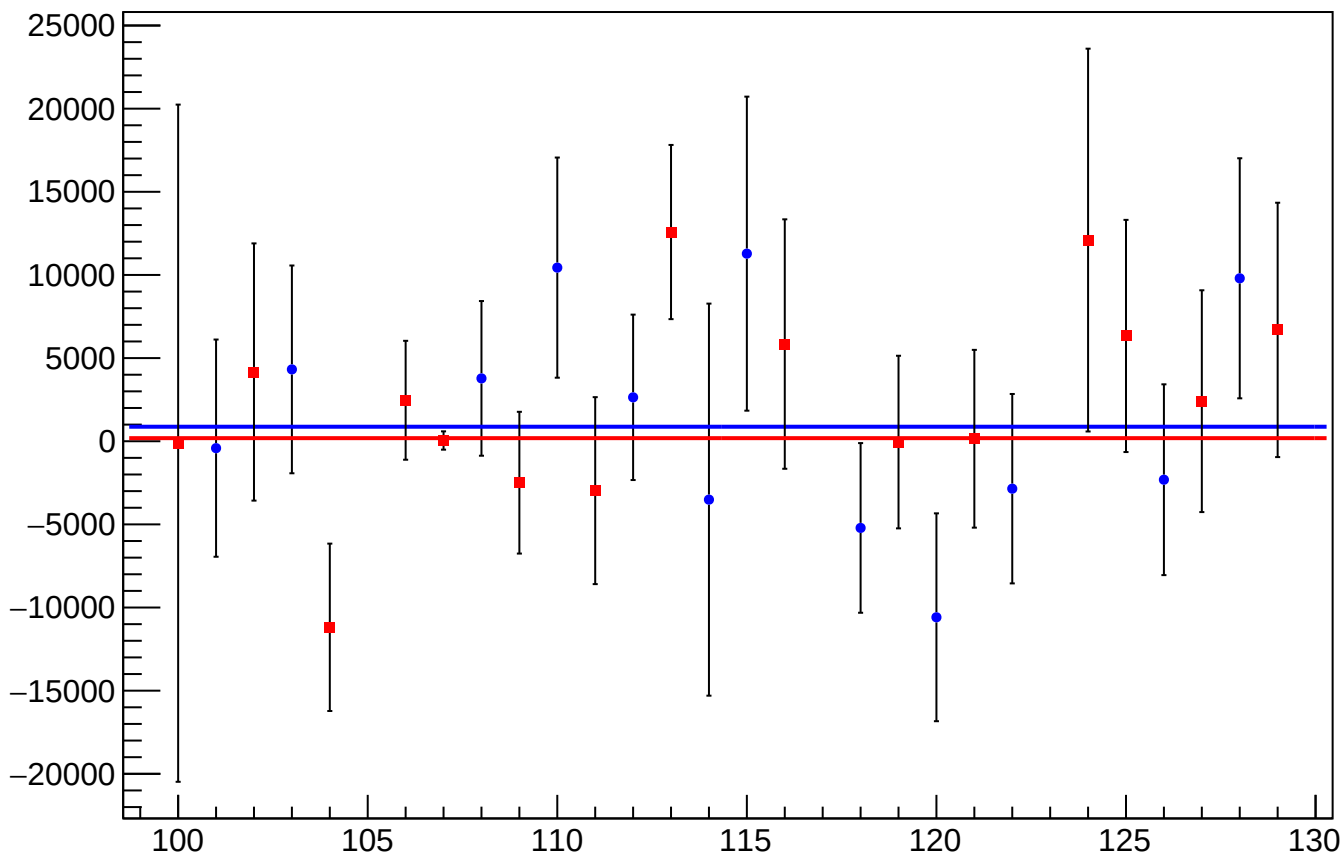
Right: 1880.802+/-0.409 χ^2/NDF : 546168.0/26

In: 1866.786+/-0.596 χ^2/NDF : 221210.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1880.802+/-0.409 χ^2/NDF : 546168.0/26

asym_atl1r2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 872.596+/-1763.961 χ^2/NDF : 11.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 185.613+/-518.547 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

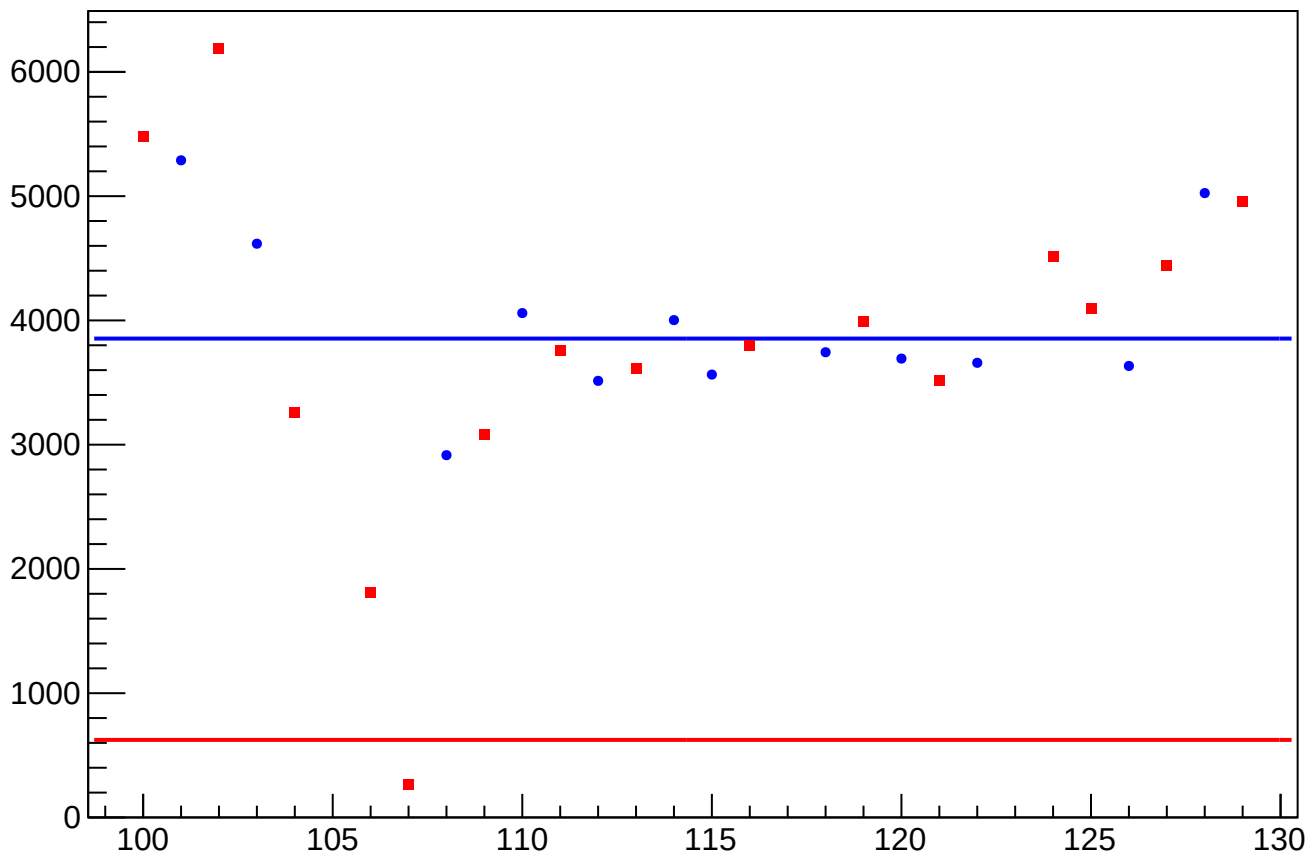
Right: 240.257+/-497.496 χ^2/NDF : 26.9/26

In: 872.596+/-1763.961 χ^2/NDF : 11.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 240.257+/-497.496 χ^2/NDF : 26.9/26

asym_atl1r2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3853.847+/-1.247 χ^2/NDF : 281434.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

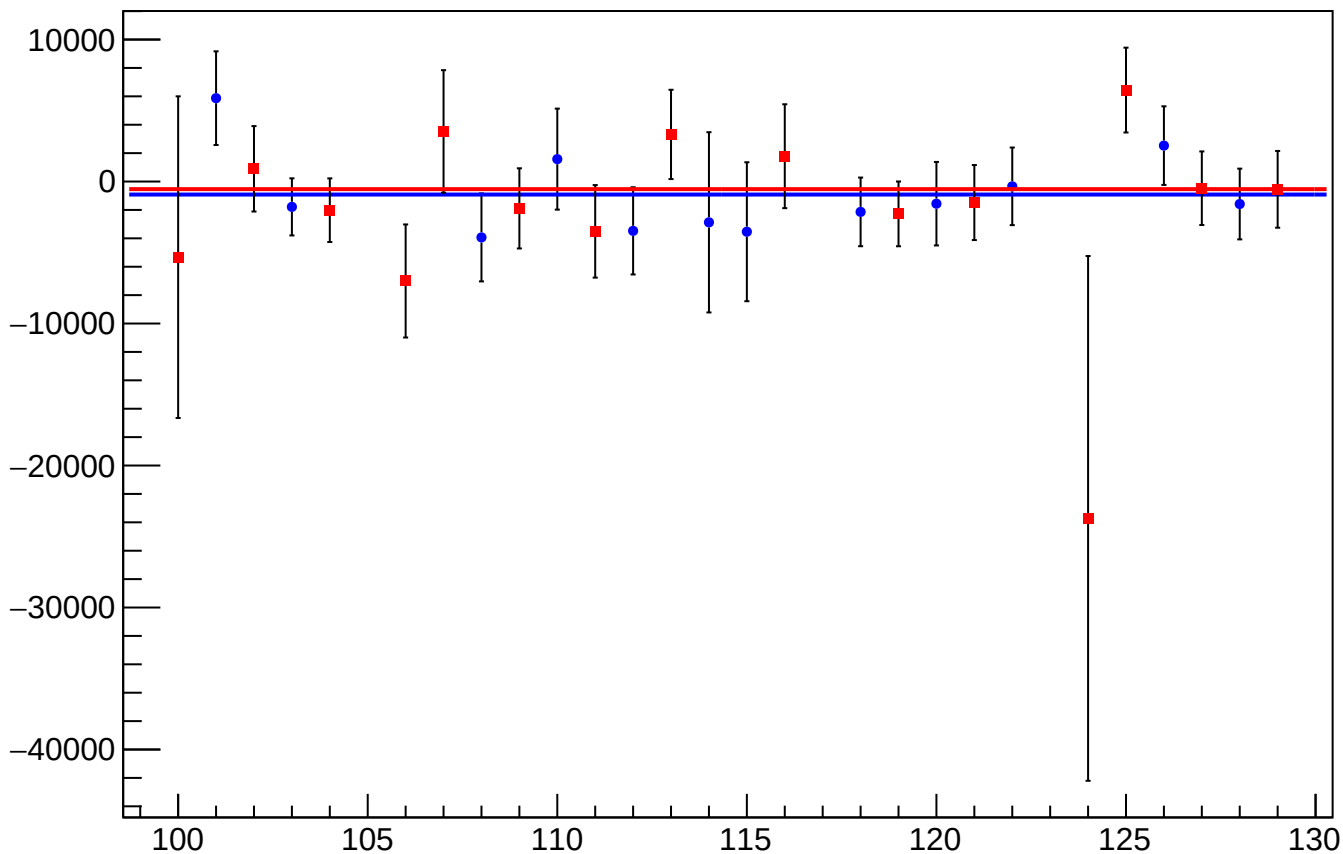
Right: 881.049+/-0.352 χ^2/NDF : 14968629.1/26

In: 3853.847+/-1.247 χ^2/NDF : 281434.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 881.049+/-0.352 χ^2/NDF : 14968629.1/26

eigen_cor_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -916.635+/-842.969 χ^2 /NDF: 8.9/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -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

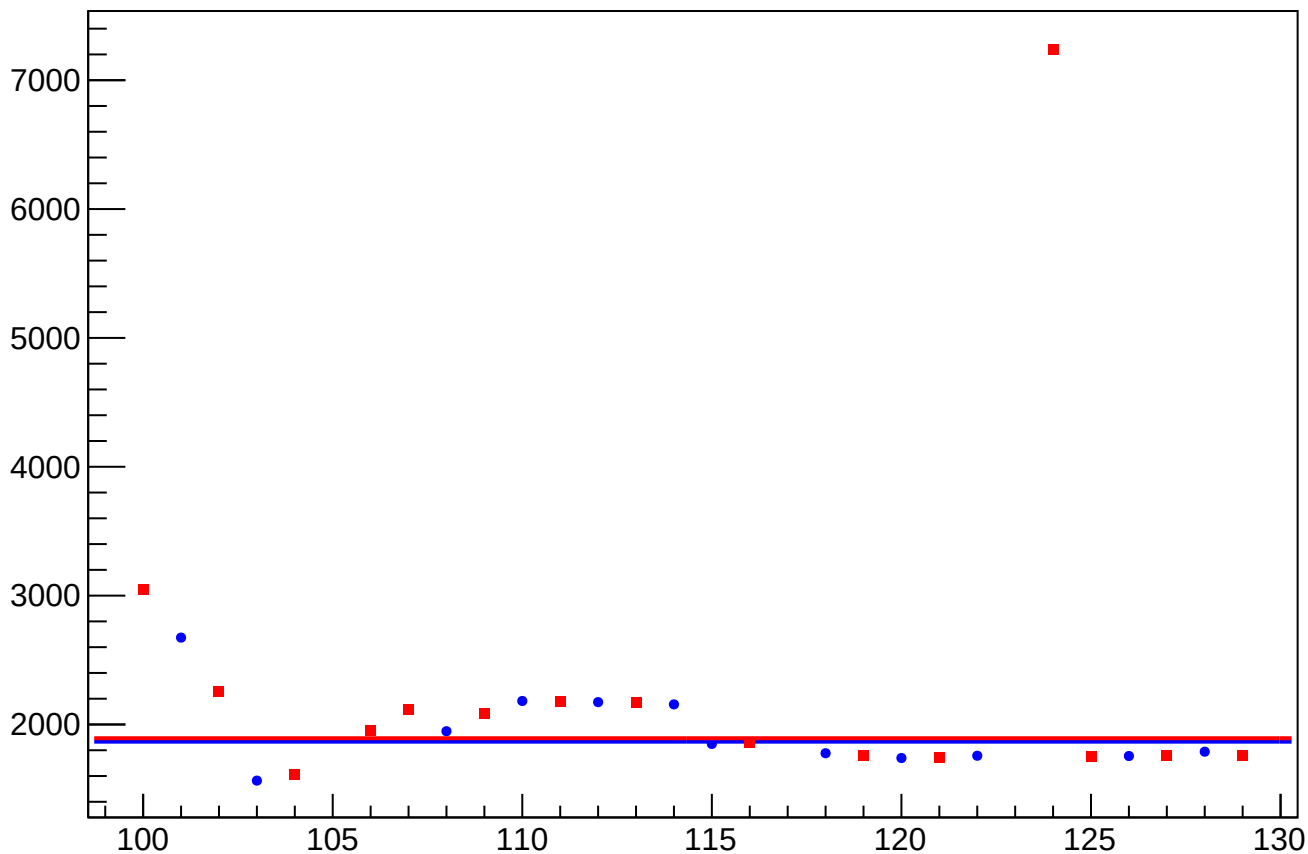
Right: -715.534+/-579.920 χ^2 /NDF: 24.1/26

In: -916.635+/-842.969 χ^2 /NDF:8.9/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -715.534+/-579.920 χ^2 /NDF: 24.1/26

eigen_cor_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1866.786+/-0.596 χ^2/NDF : 221210.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

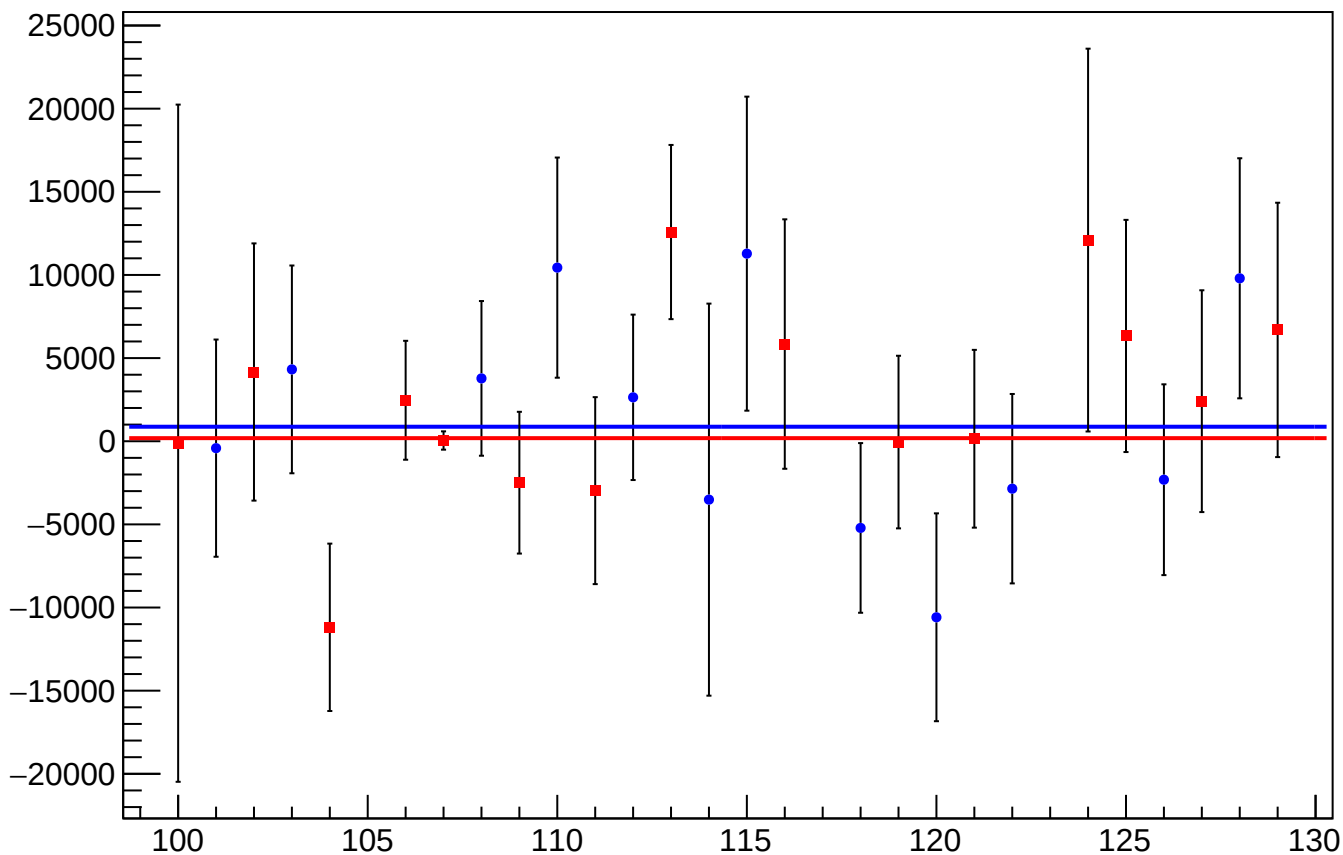
Right: 1880.802+/-0.409 χ^2/NDF : 546168.0/26

In: 1866.786+/-0.596 χ^2/NDF : 221210.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1880.802+/-0.409 χ^2/NDF : 546168.0/26

asym_atl1r2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 872.596+/-1763.961 χ^2/NDF : 11.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 185.613+/-518.547 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

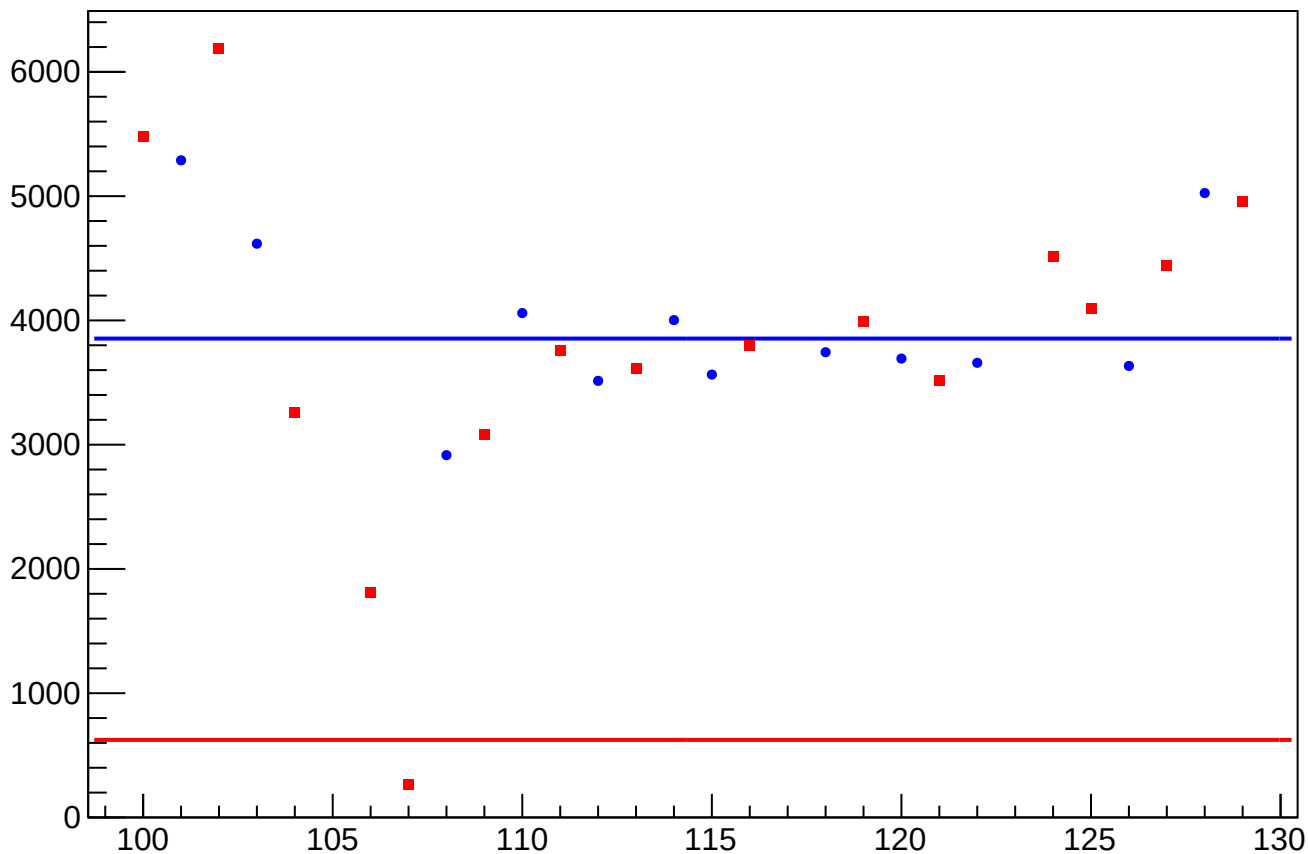
Right: 240.257+/-497.496 χ^2/NDF : 26.9/26

In: 872.596+/-1763.961 χ^2/NDF : 11.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 240.257+/-497.496 χ^2/NDF : 26.9/26

asym_atl1r2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3853.847+/-1.247 χ^2/NDF : 281434.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

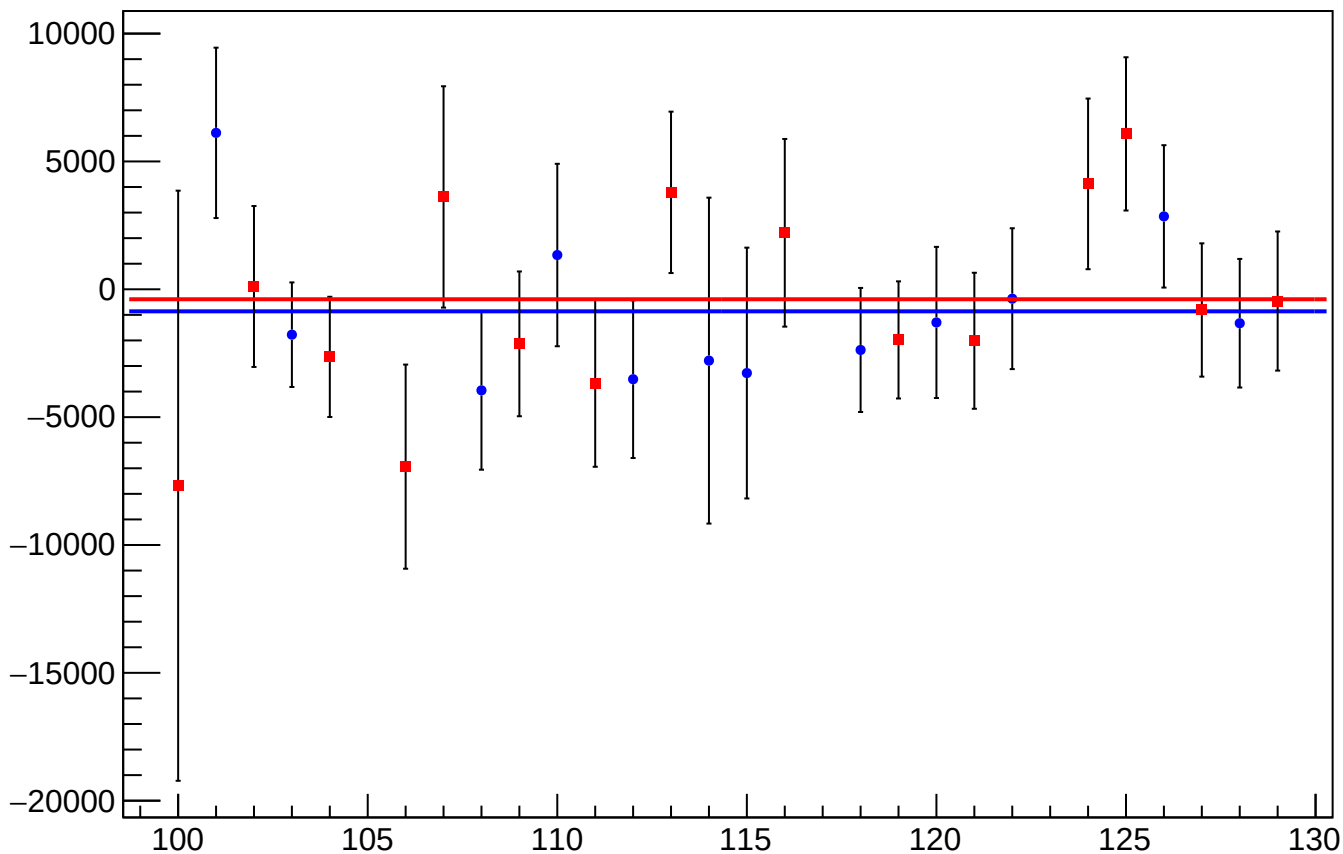
Right: 881.049+/-0.352 χ^2/NDF : 14968629.1/26

In: 3853.847+/-1.247 χ^2/NDF : 281434.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 881.049+/-0.352 χ^2/NDF : 14968629.1/26

dit_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -862.088+/-849.257 χ^2/NDF : 9.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -389.796+/-787.124 χ^2/NDF : 15.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

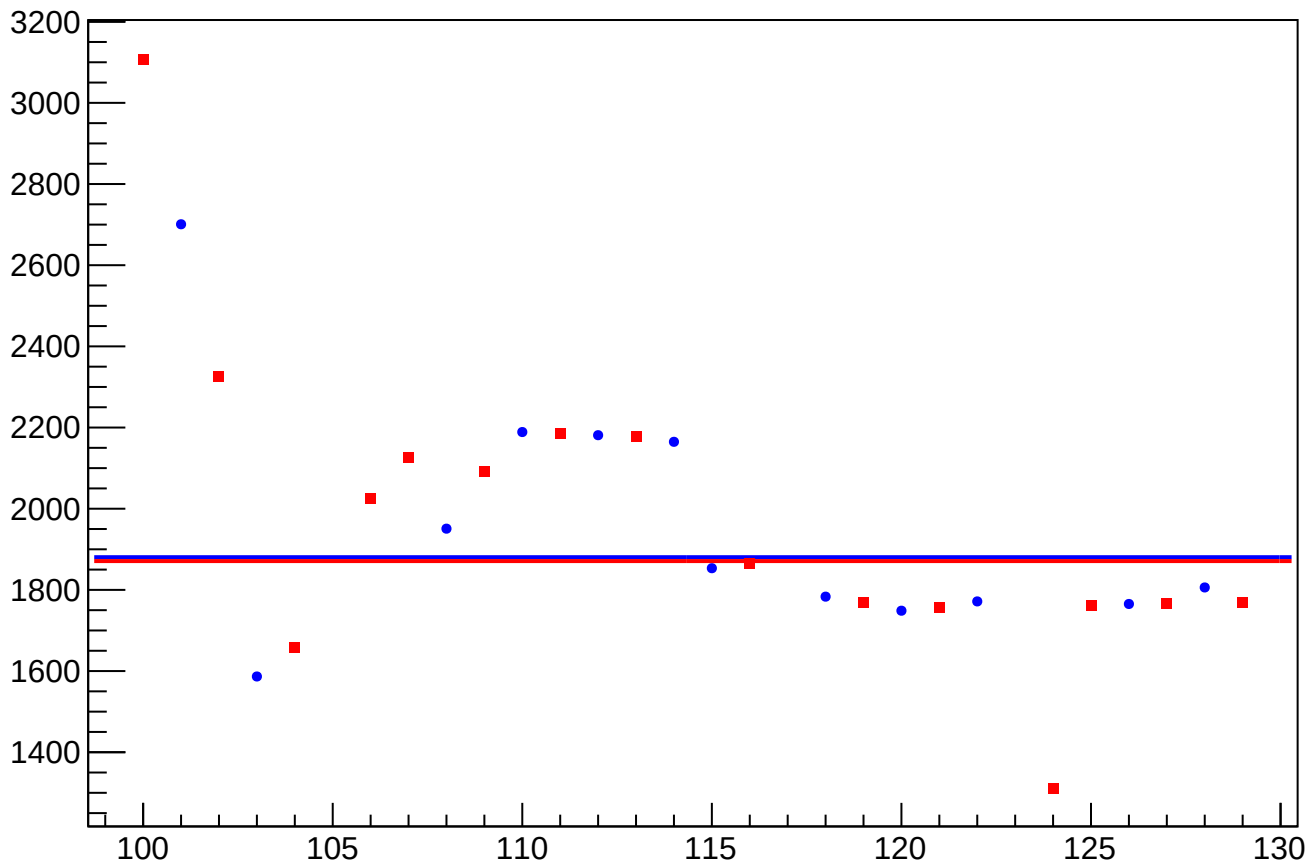
Right: -608.035+/-577.298 χ^2/NDF : 25.4/26

In: -862.088+/-849.257 χ^2/NDF : 9.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -608.035+/-577.298 χ^2/NDF : 25.4/26

dit_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1880.549+/-0.601 χ^2/NDF : 217119.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

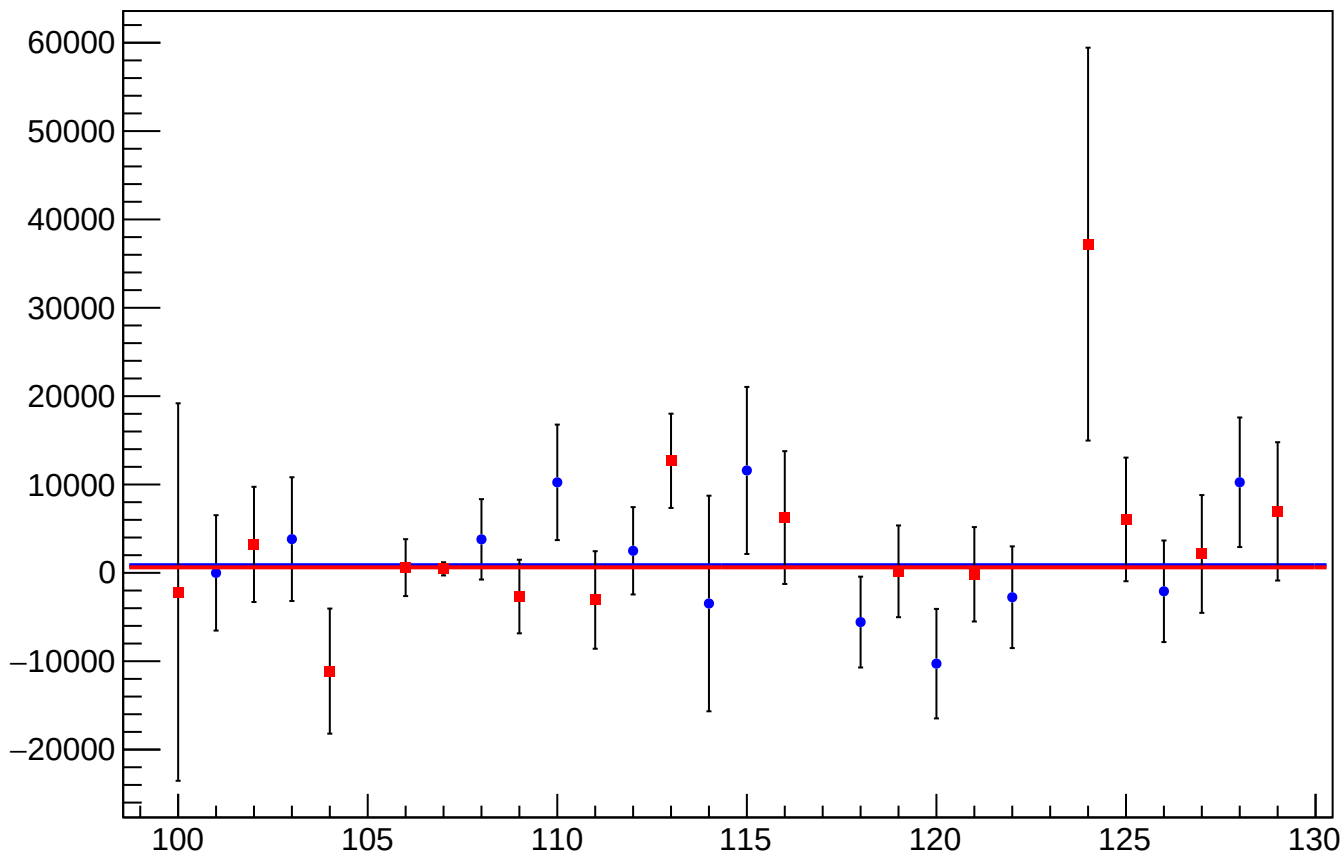
Right: 1875.397+/-0.408 χ^2/NDF : 431138.4/26

In: 1880.549+/-0.601 χ^2/NDF : 217119.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1875.397+/-0.408 χ^2/NDF : 431138.4/26

asym_atl1r2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 867.862 $\pm$ 1775.289 χ^2 /NDF: 11.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 624.895 $\pm$ 671.590 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

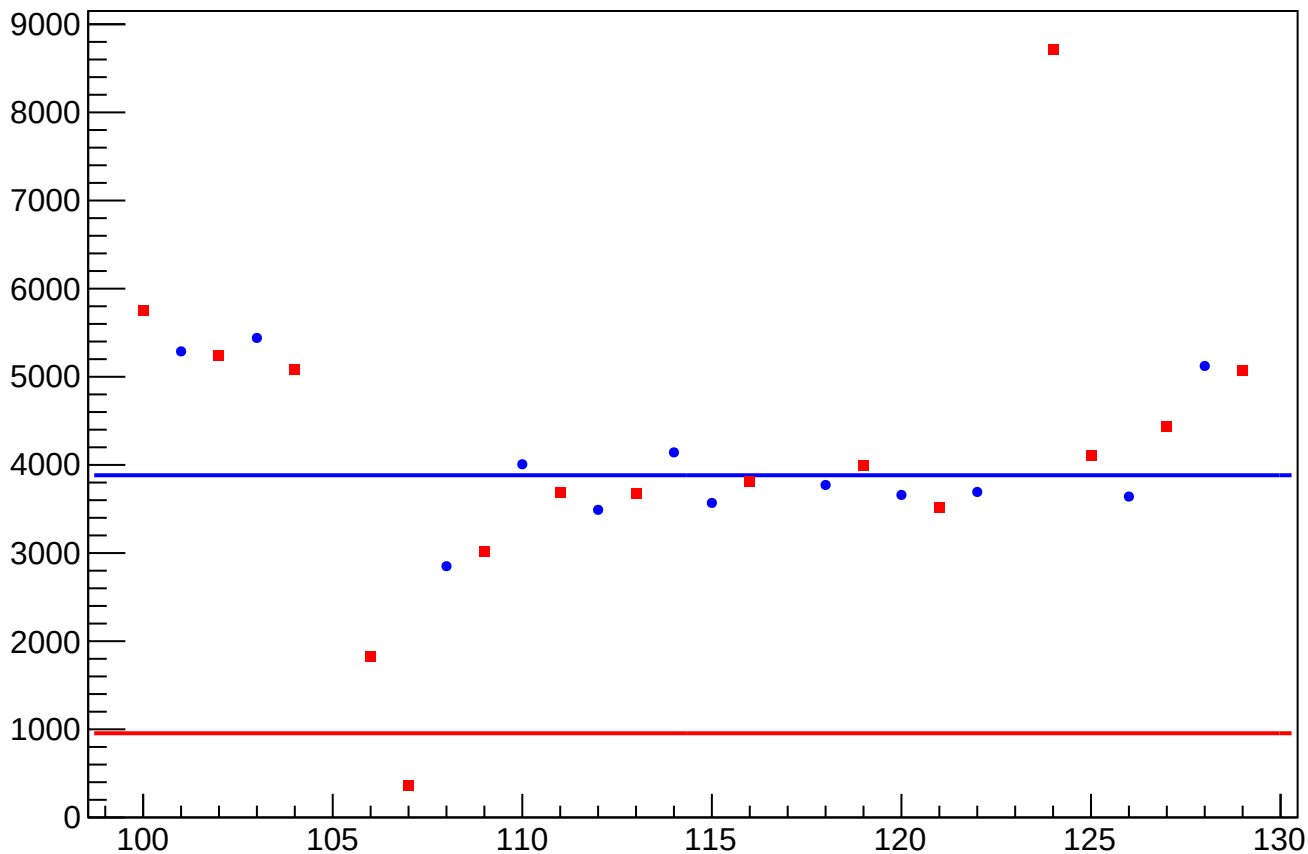
Right: 655.313 $\pm$ 628.145 χ^2 /NDF: 25.1/26

In: 867.862 $\pm$ 1775.289 χ^2 /NDF:11.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 655.313 $\pm$ 628.145 χ^2 /NDF: 25.1/26

asym_atl1r2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3882.847+/-1.255 χ^2/NDF : 377321.7/11

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

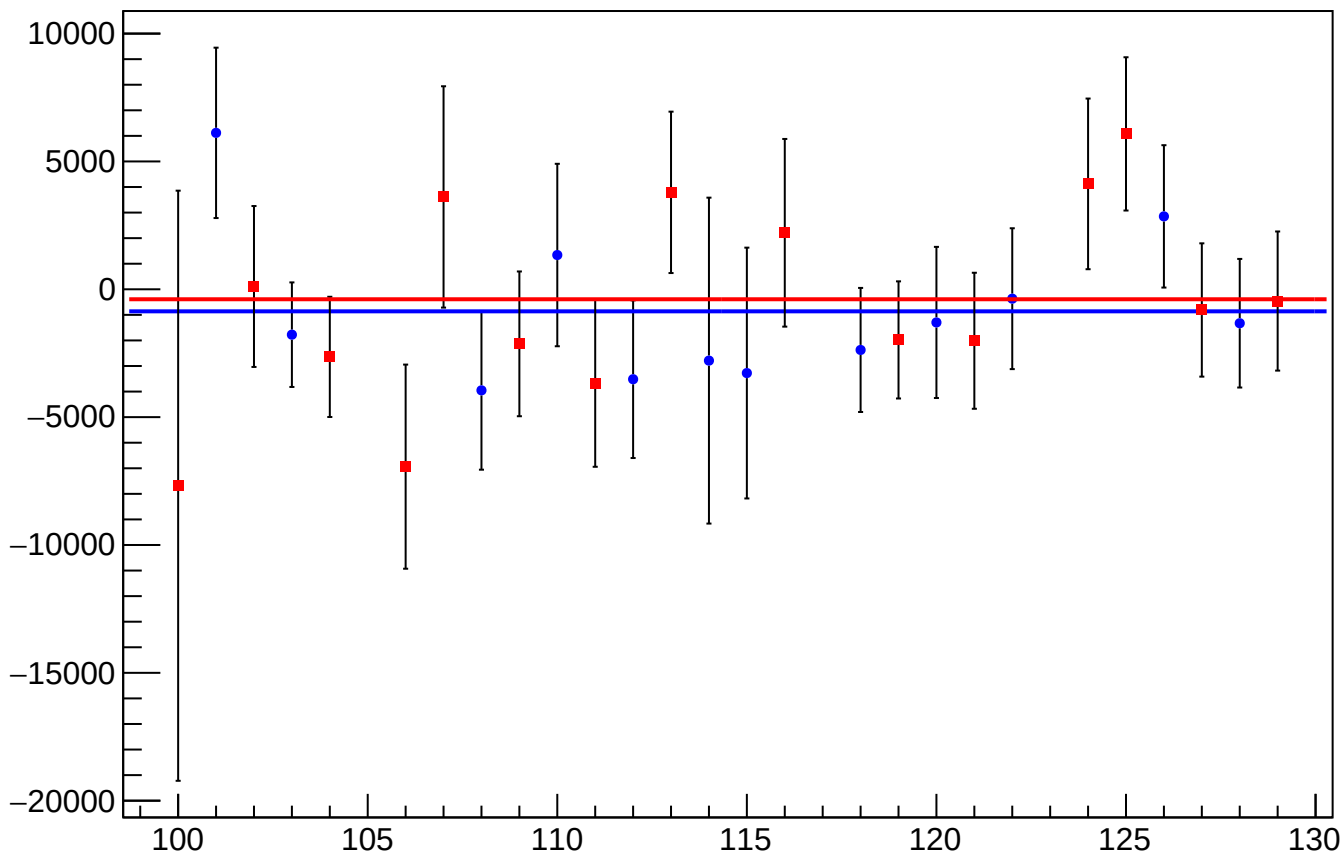
Right: 1321.945+/-0.444 χ^2/NDF : 12852745.9/26

In: 3882.847+/-1.255 χ^2/NDF : 377321.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1321.945+/-0.444 χ^2/NDF : 12852745.9/26

eigen_dit_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -862.091+/-849.257 χ^2/NDF : 9.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -389.802+/-787.124 χ^2/NDF : 15.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

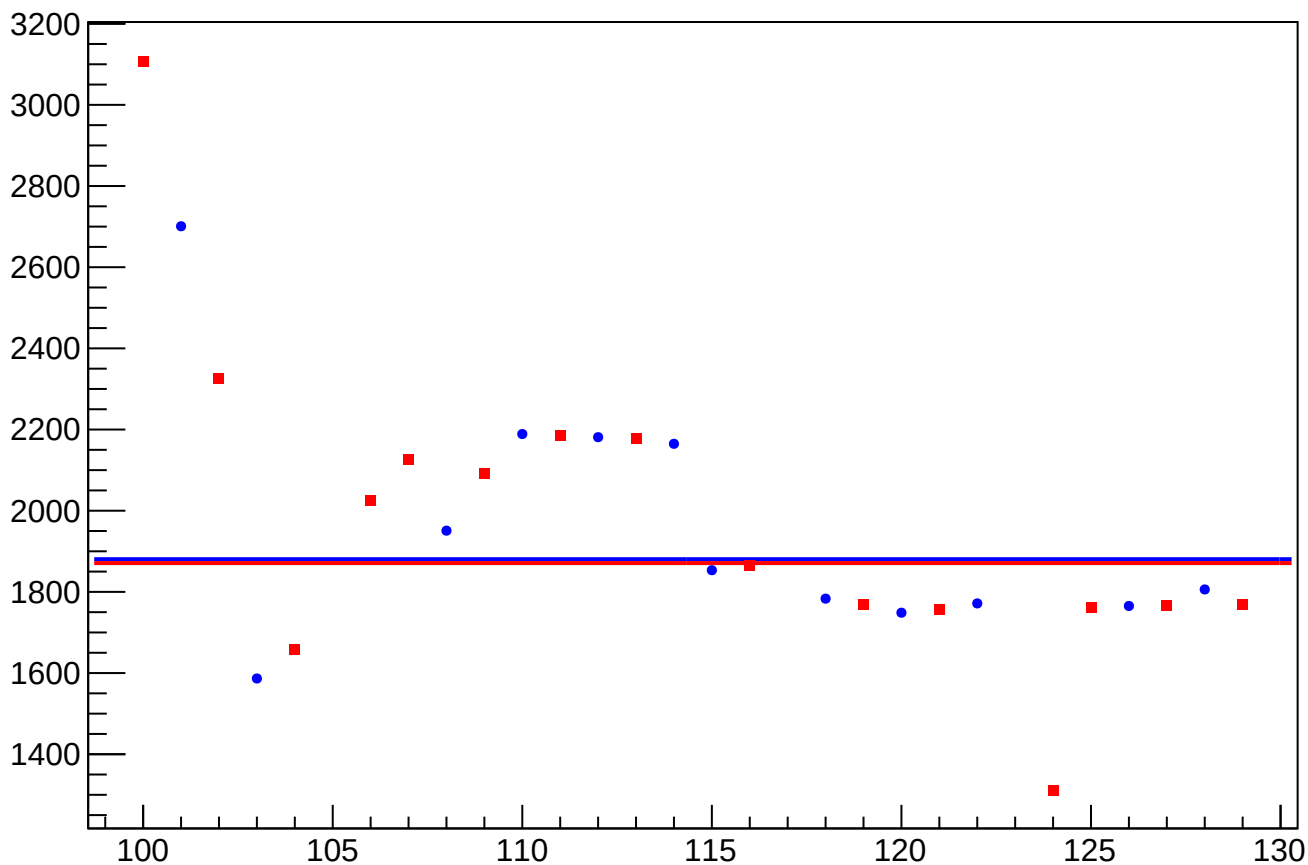
Right: -608.040+/-577.298 χ^2/NDF : 25.4/26

In: -862.091+/-849.257 χ^2/NDF : 9.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -608.040+/-577.298 χ^2/NDF : 25.4/26

eigen_dit_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1880.549+/-0.601 χ^2/NDF : 217119.8/11

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

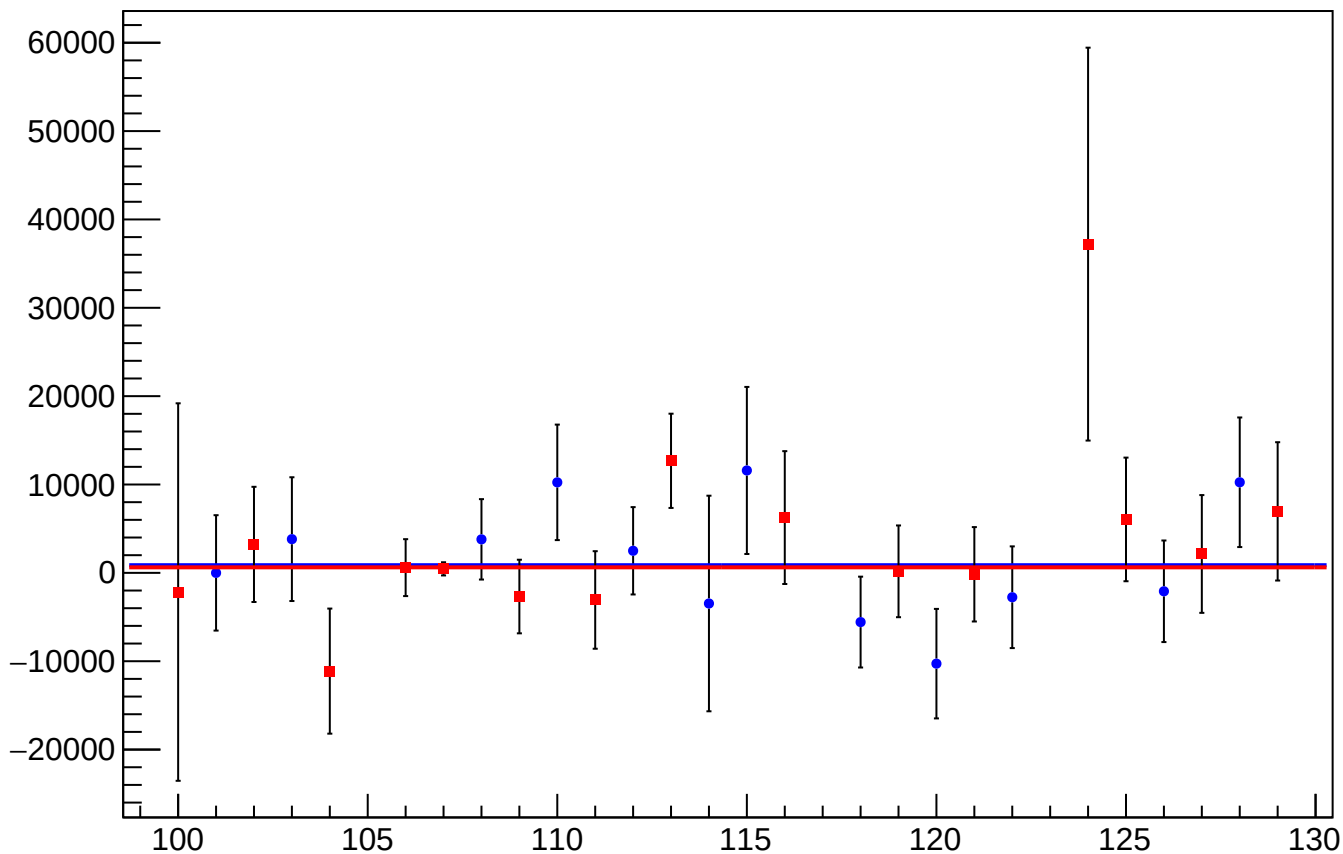
Right: 1875.397+/-0.408 χ^2/NDF : 431138.8/26

In: 1880.549+/-0.601 χ^2/NDF : 217119.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1875.397+/-0.408 χ^2/NDF : 431138.8/26

asym_atl1r2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 867.852+/-1775.284 χ^2/NDF : 11.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

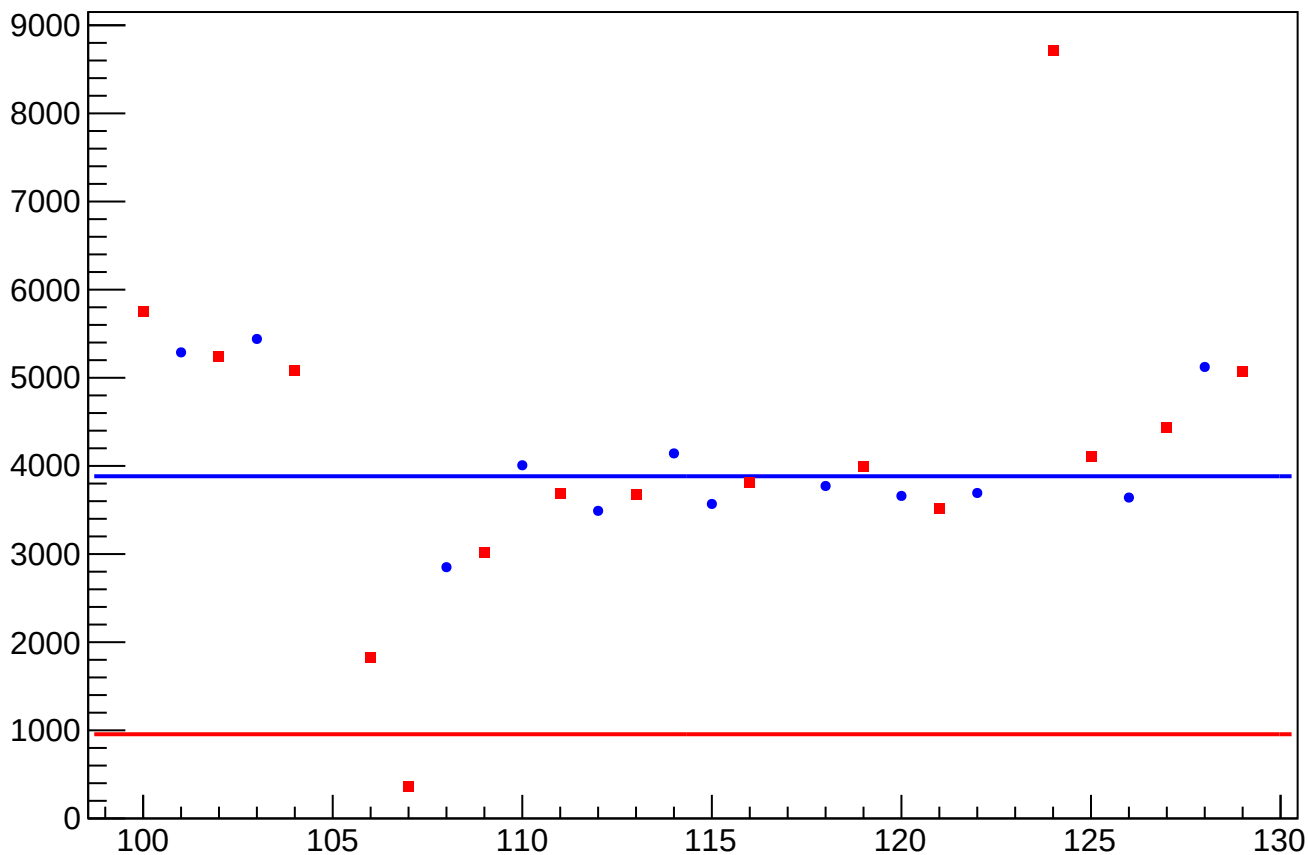
Right: 655.324+/-628.154 χ^2/NDF : 25.1/26

In: 867.852+/-1775.284 χ^2/NDF : 11.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 655.324+/-628.154 χ^2/NDF : 25.1/26

asym_atl1r2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3882.837+/-1.255 χ^2/NDF : 377320.6/11

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

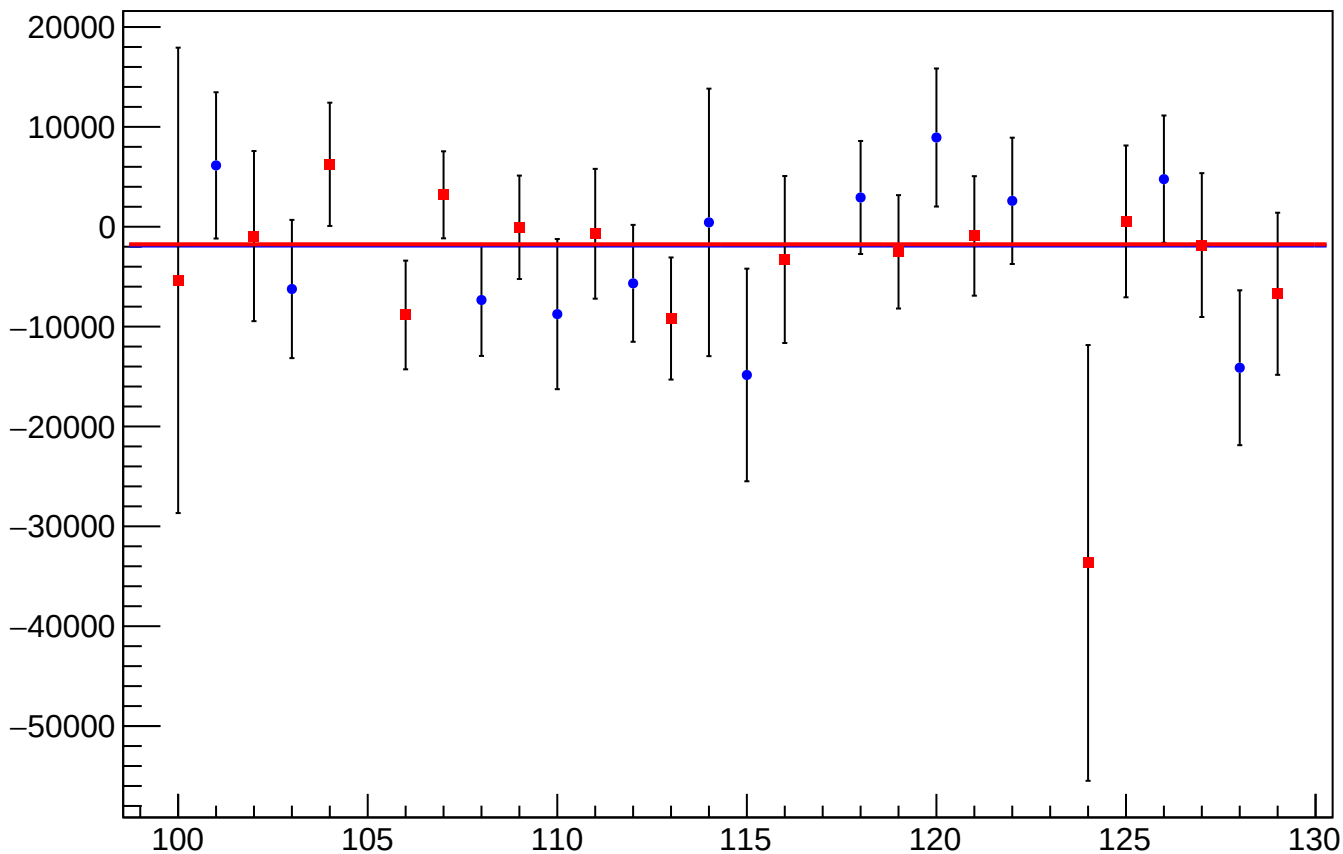
Right: 1321.981+/-0.444 χ^2/NDF : 12852525.9/26

In: 3882.837+/-1.255 χ^2/NDF : 377320.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1321.981+/-0.444 χ^2/NDF : 12852525.9/26

asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1882.018 ± 1995.655 χ^2/NDF : 12.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

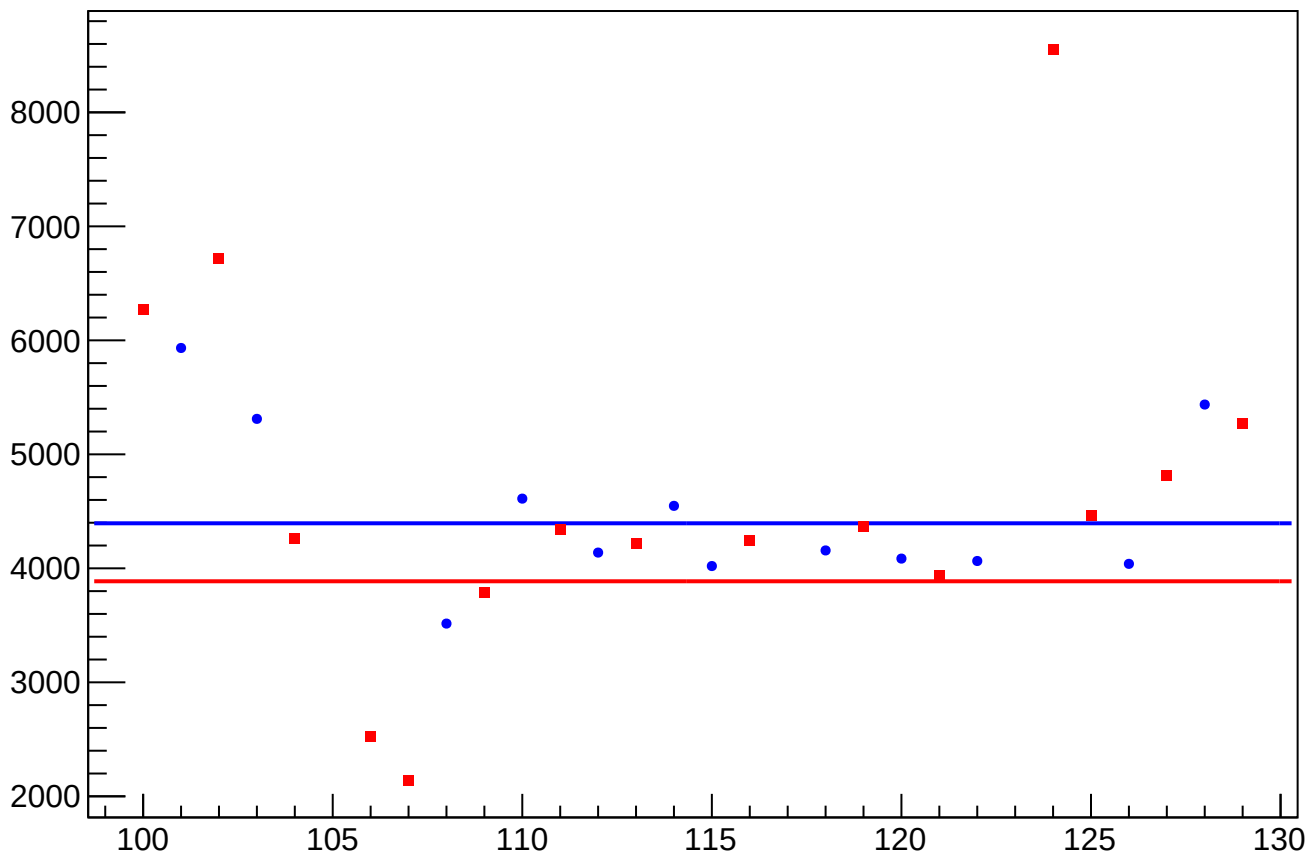
Right: -1809.162 ± 1297.250 χ^2/NDF : 21.5/26

In: -1882.018 ± 1995.655 χ^2/NDF : 12.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1809.162 ± 1297.250 χ^2/NDF : 21.5/26

asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 4395.081+/-1.411 χ^2/NDF : 236208.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

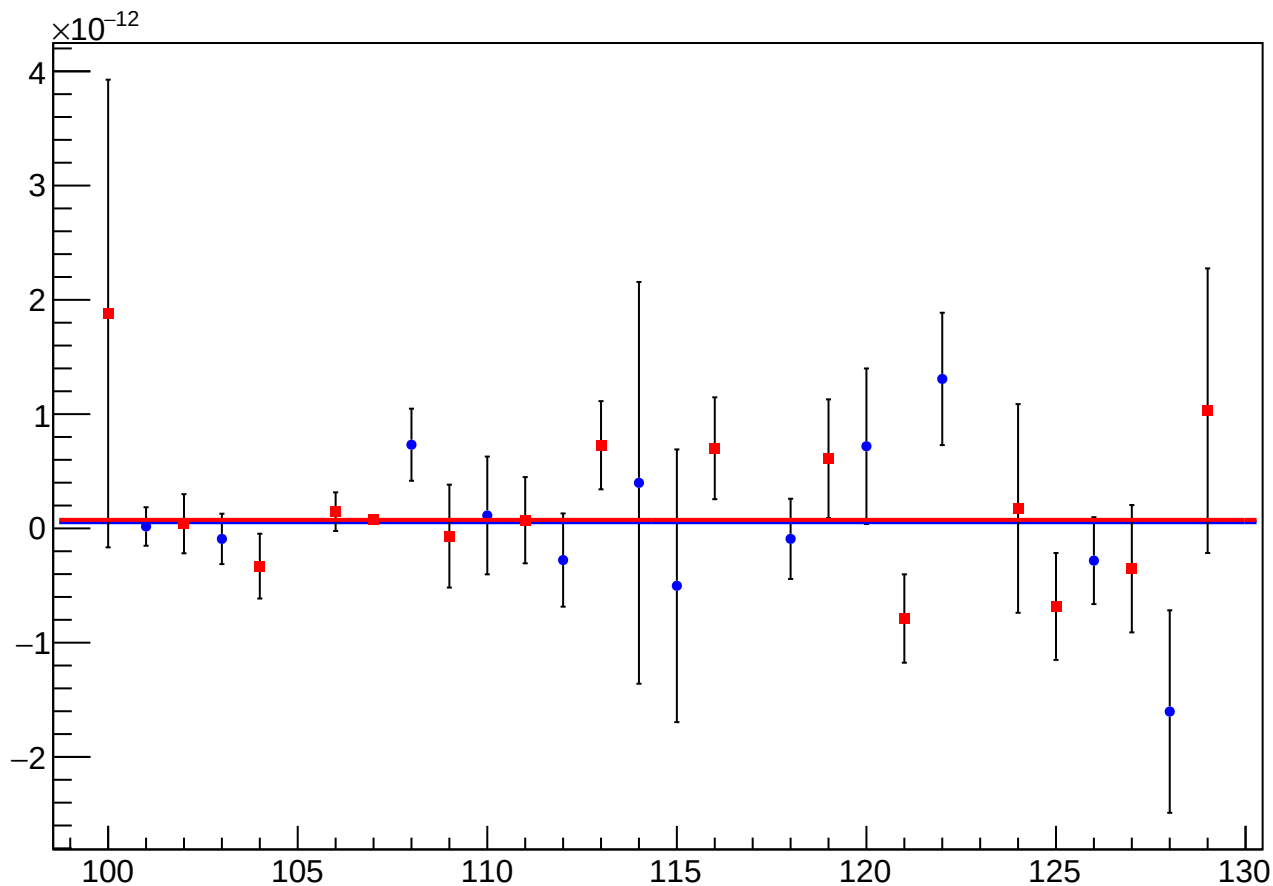
Right: 4098.360+/-0.911 χ^2/NDF : 1267361.8/26

In: 4395.081+/-1.411 χ^2/NDF : 236208.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4098.360+/-0.911 χ^2/NDF : 1267361.8/26

asym_atl1r2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.1/11

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

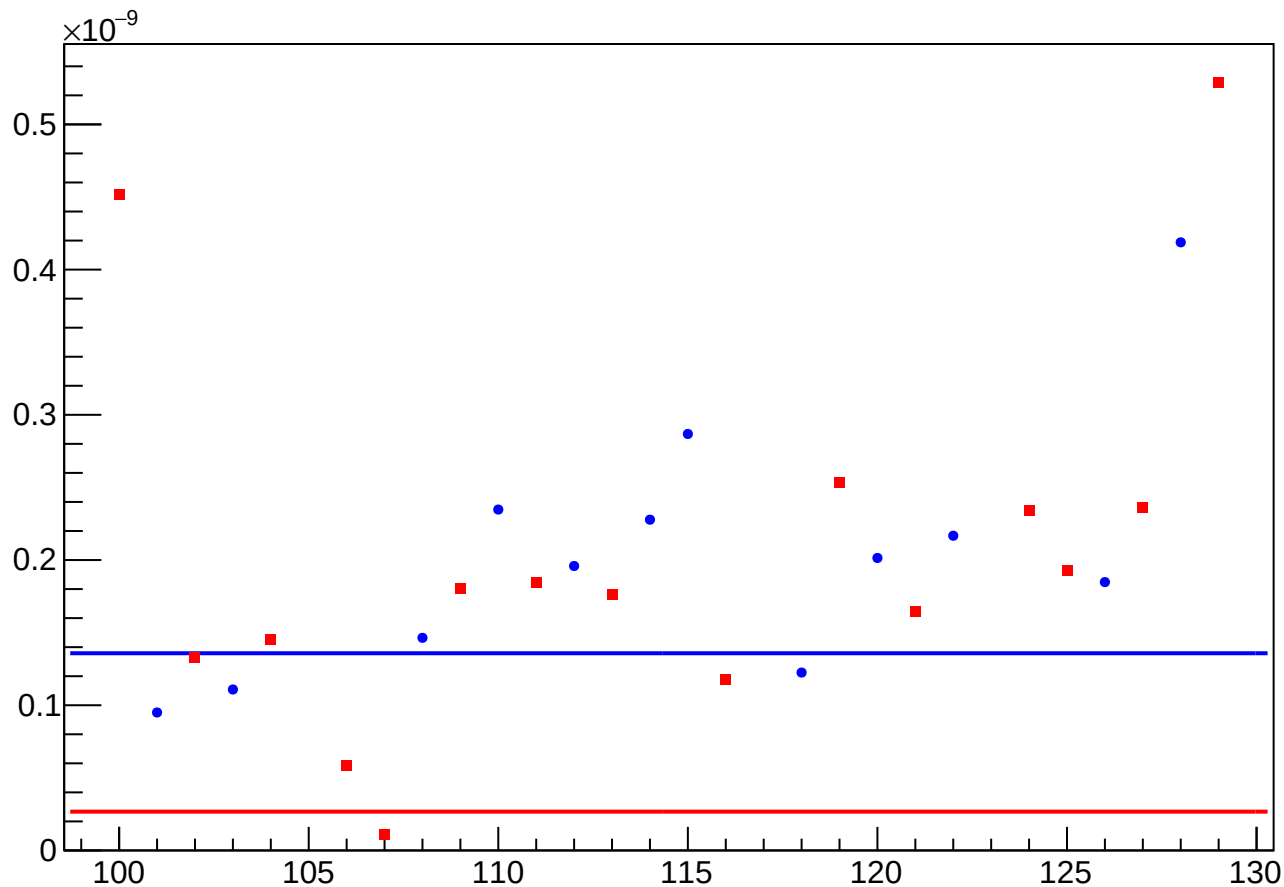
Right: 0.000+/-0.000 χ^2/NDF : 34.0/26

In: 0.000+/-0.000 χ^2/NDF : 16.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 34.0/26

asym_atl1r2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 597649.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

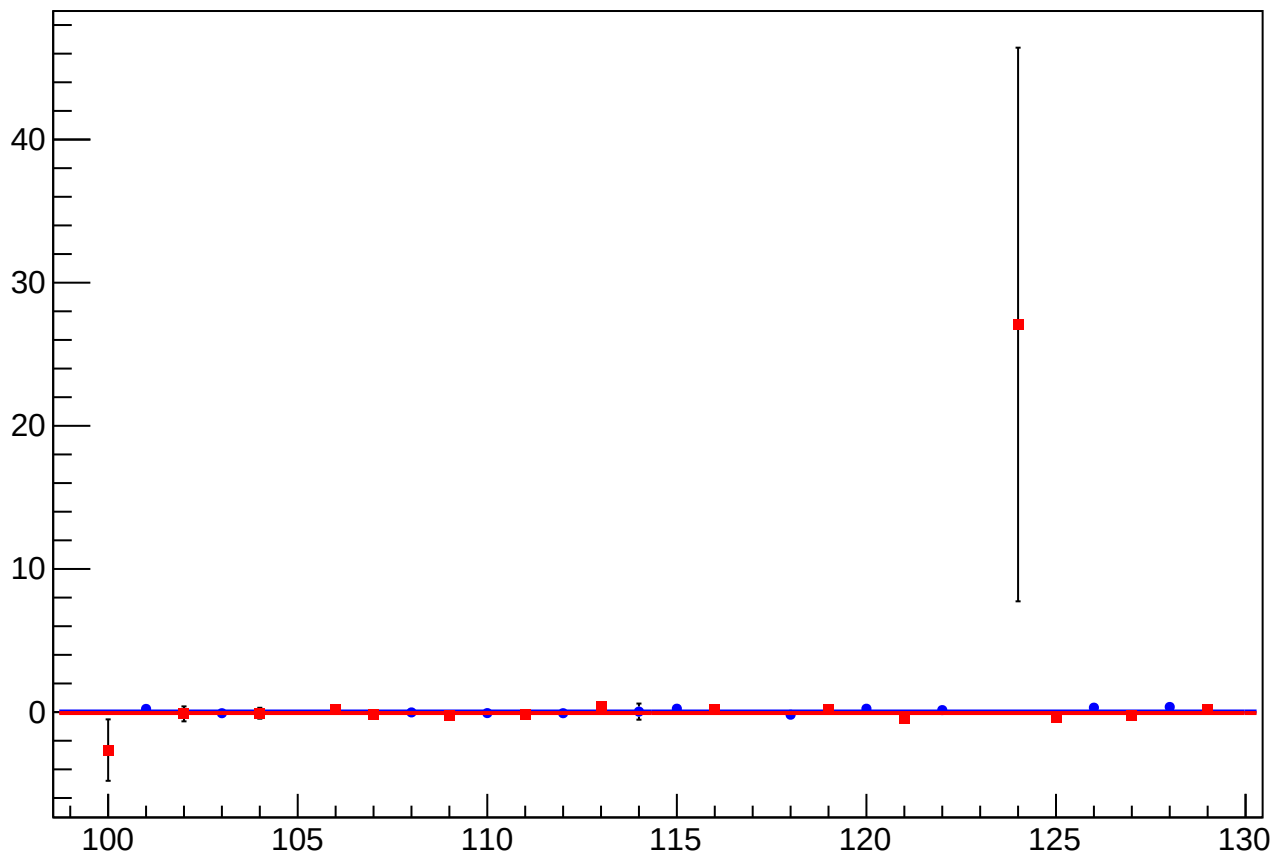
Right: 0.000+/-0.000 χ^2/NDF : 6446047.4/26

In: 0.000+/-0.000 χ^2/NDF : 597649.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6446047.4/26

asym_atl1r2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.042 $\pm$ 0.073 χ^2 /NDF: 5.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.066 $\pm$ 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

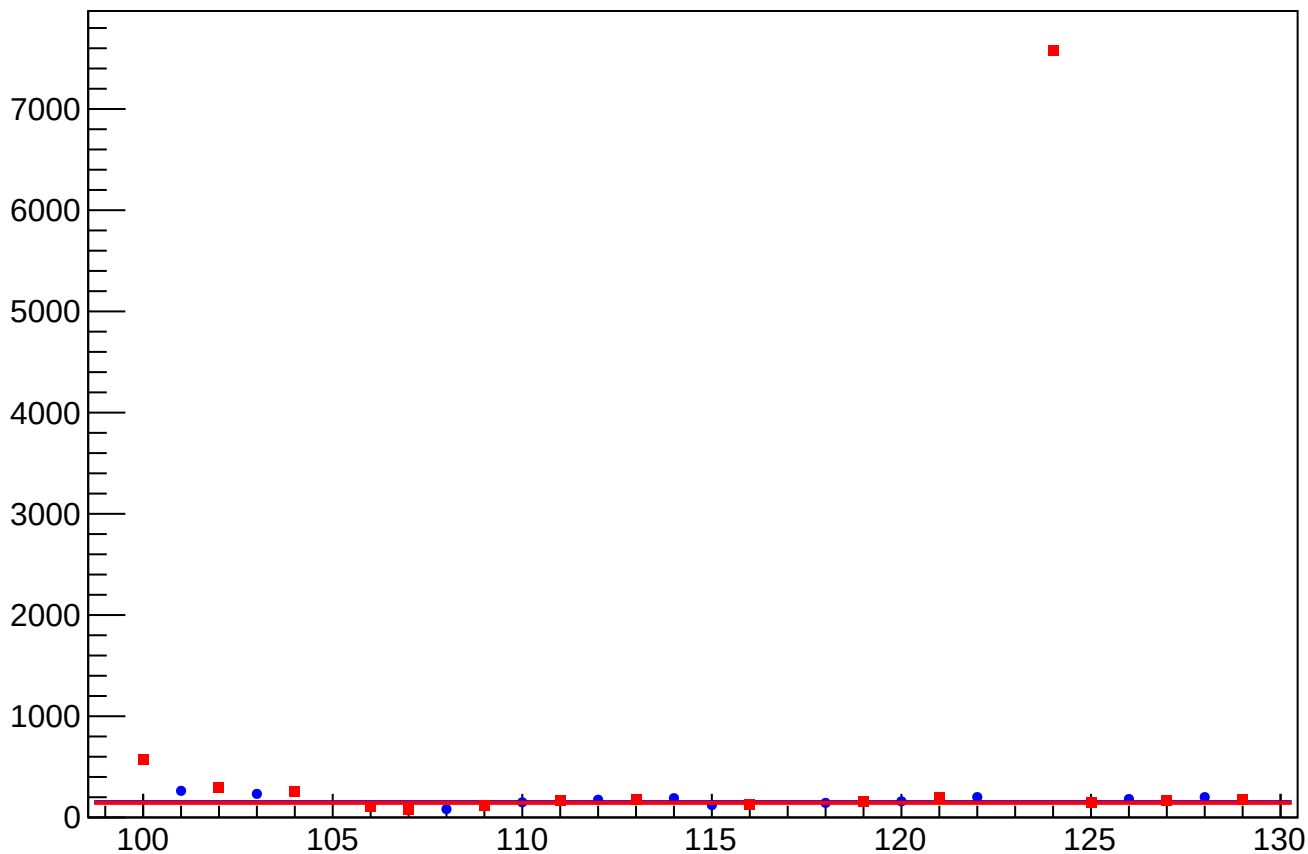
Right: -0.016 $\pm$ 0.050 χ^2 /NDF: 23.1/26

In: 0.042 $\pm$ 0.073 χ^2 /NDF:5.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.016 $\pm$ 0.050 χ^2 /NDF: 23.1/26

asym_atl1r2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 151.636+/-0.052 χ^2/NDF : 999887.7/11

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

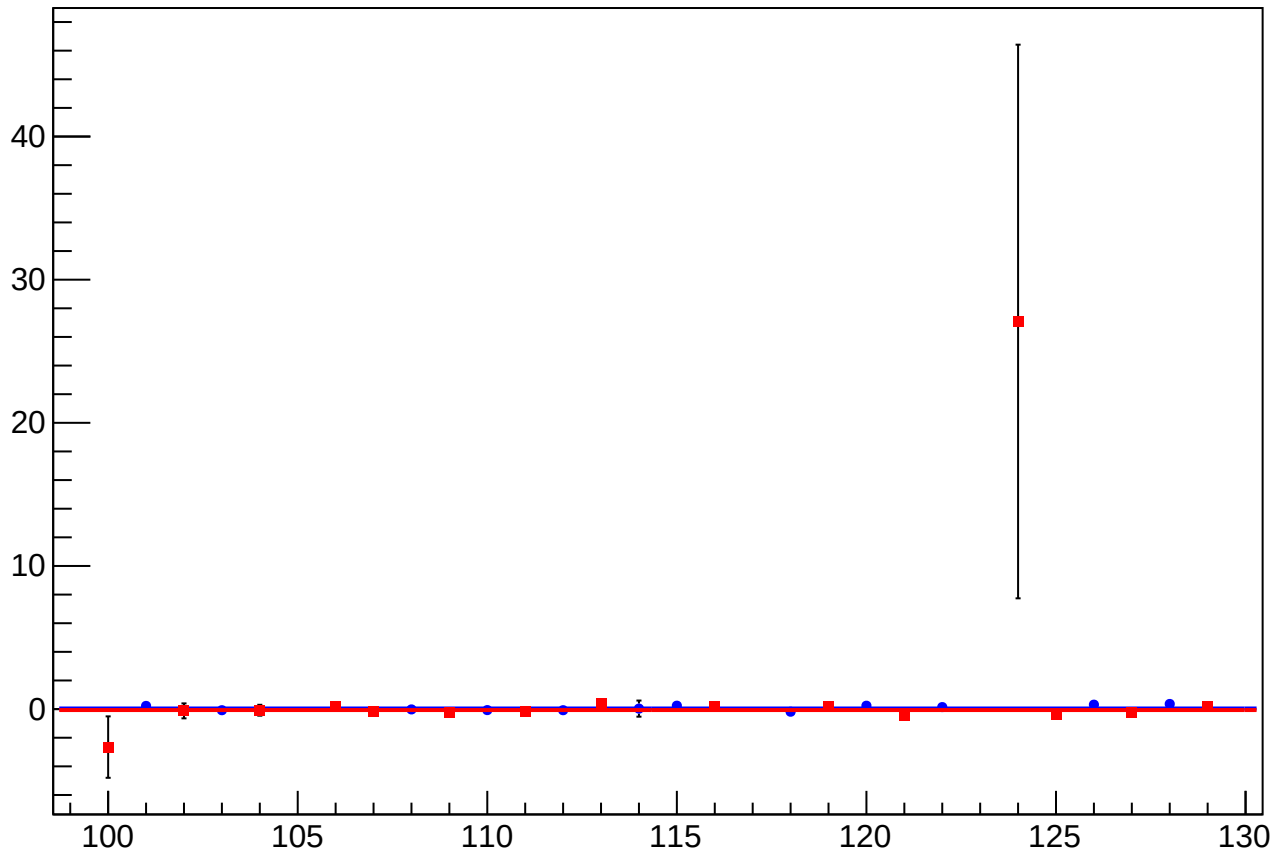
Right: 147.649+/-0.035 χ^2/NDF : 2240431.5/26

In: 151.636+/-0.052 χ^2/NDF : 999887.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.649+/-0.035 χ^2/NDF : 2240431.5/26

asym_atl1r2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.042+/-0.073 χ^2/NDF : 5.4/11

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

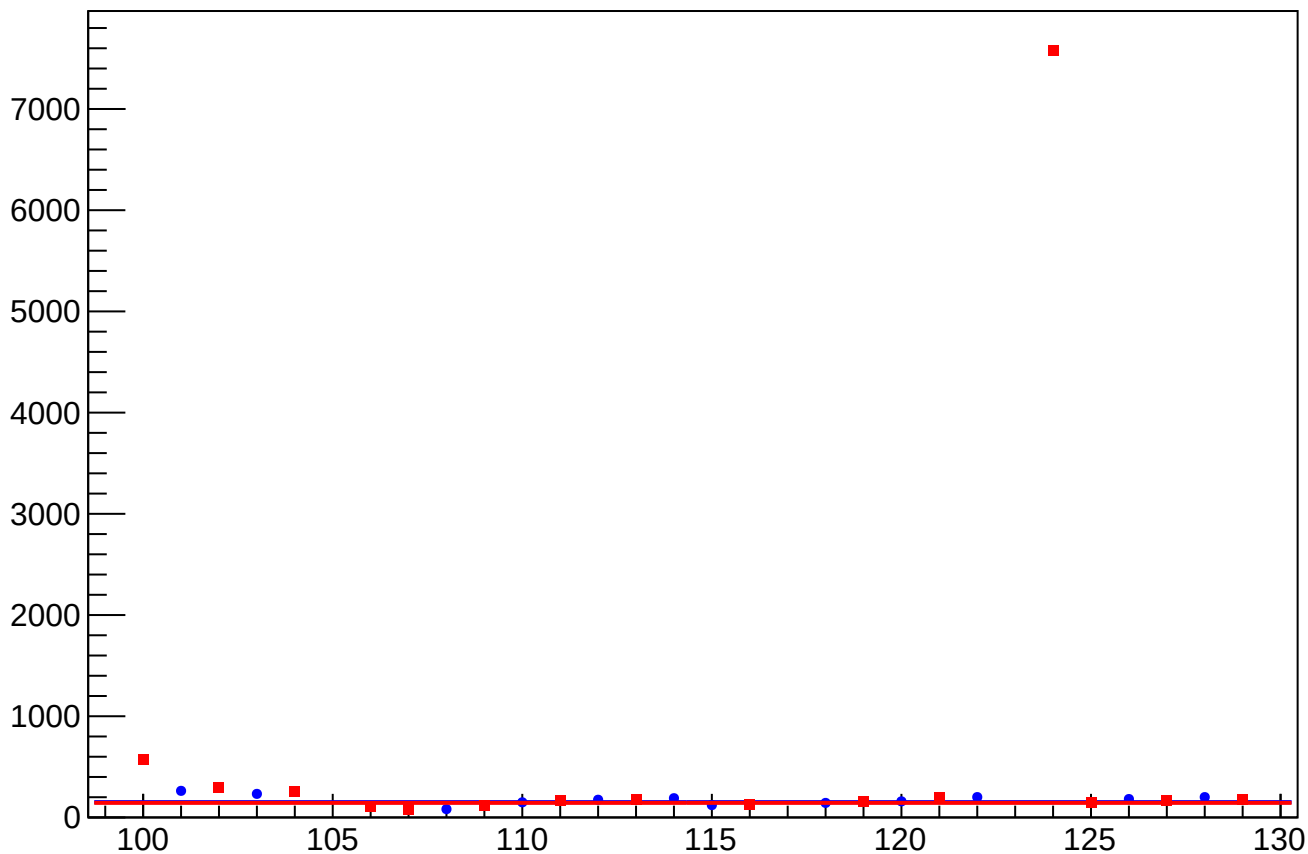
Right: -0.016+/-0.050 χ^2/NDF : 23.1/26

In: 0.042+/-0.073 χ^2/NDF : 5.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.050 χ^2/NDF : 23.1/26

asym_atl1r2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 151.636+/-0.052 χ^2/NDF : 999887.7/11

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

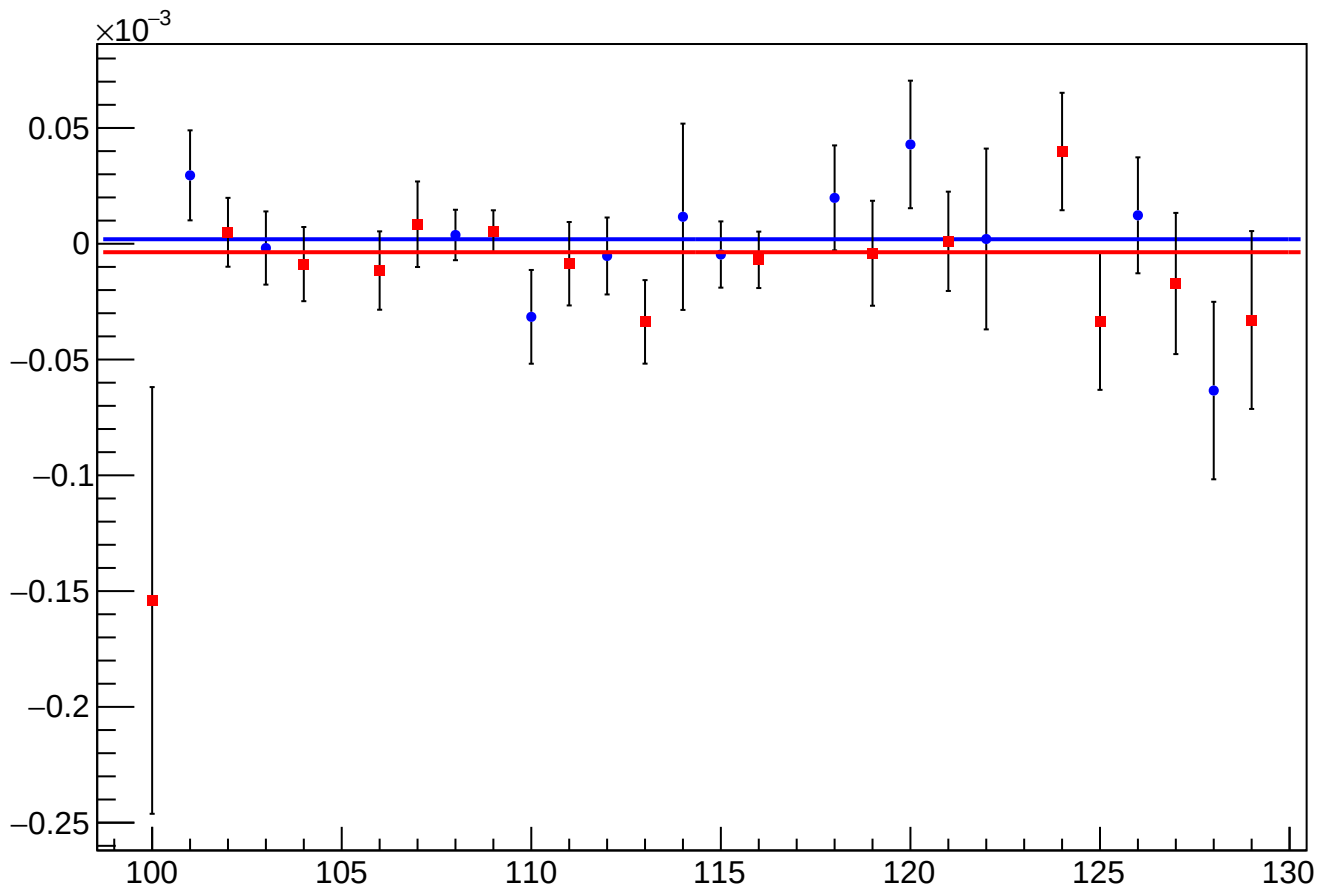
Right: 147.649+/-0.035 χ^2/NDF : 2240431.5/26

In: 151.636+/-0.052 χ^2/NDF : 999887.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.649+/-0.035 χ^2/NDF : 2240431.5/26

asym_atl1r2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 11.2/11

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

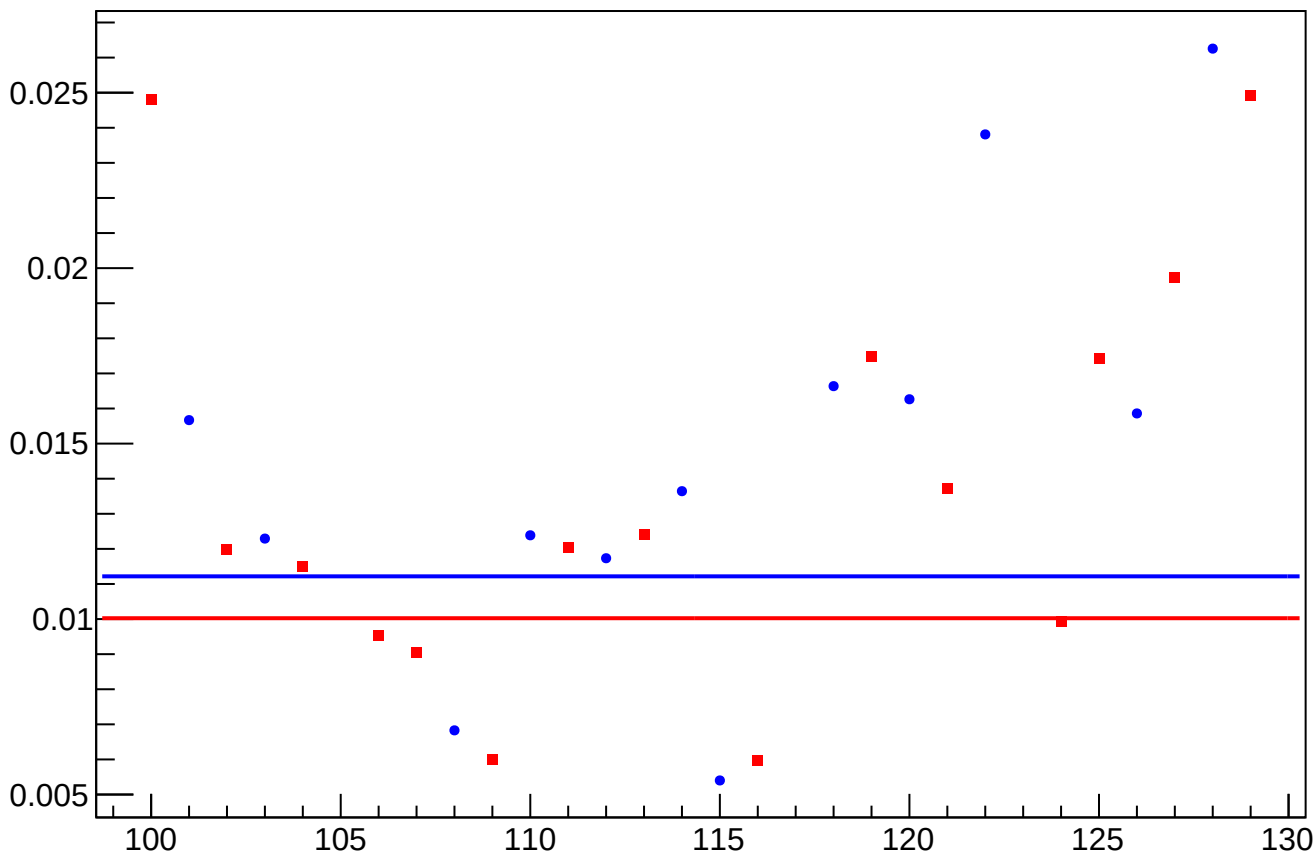
Right: -0.000 ± 0.000 χ^2/NDF : 24.3/26

In: 0.000 ± 0.000 χ^2/NDF : 11.2/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 24.3/26

asym_atl1r2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 1551873.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 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

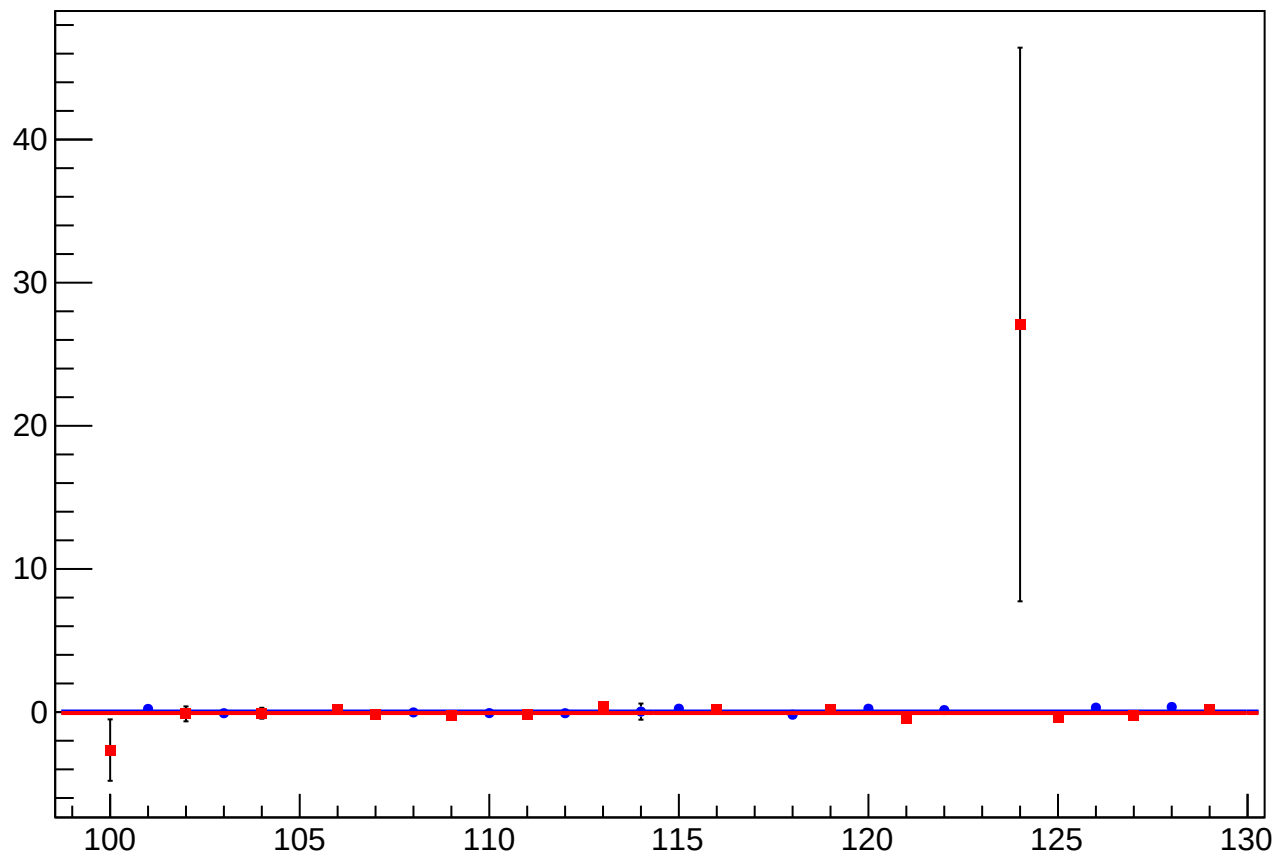
Right: 0.011+/-0.000 χ^2/NDF : 3297520.8/26

In: 0.011+/-0.000 χ^2/NDF : 1551873.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 3297520.8/26

asym_atl1r2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.042+/-0.073 χ^2/NDF : 5.4/11

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

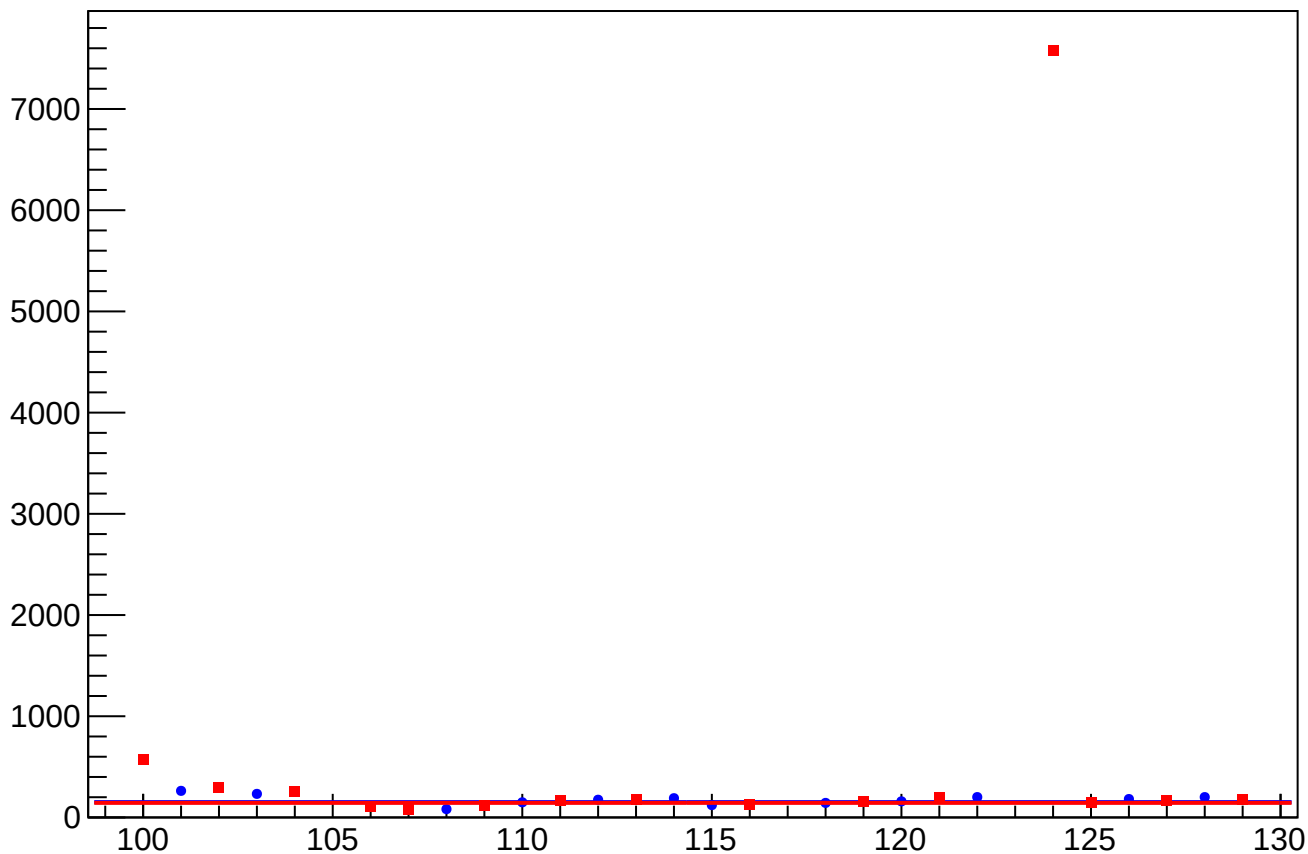
Right: -0.016+/-0.050 χ^2/NDF : 23.1/26

In: 0.042+/-0.073 χ^2/NDF : 5.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.050 χ^2/NDF : 23.1/26

asym_atl1r2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 151.635+/-0.052 χ^2/NDF : 999883.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

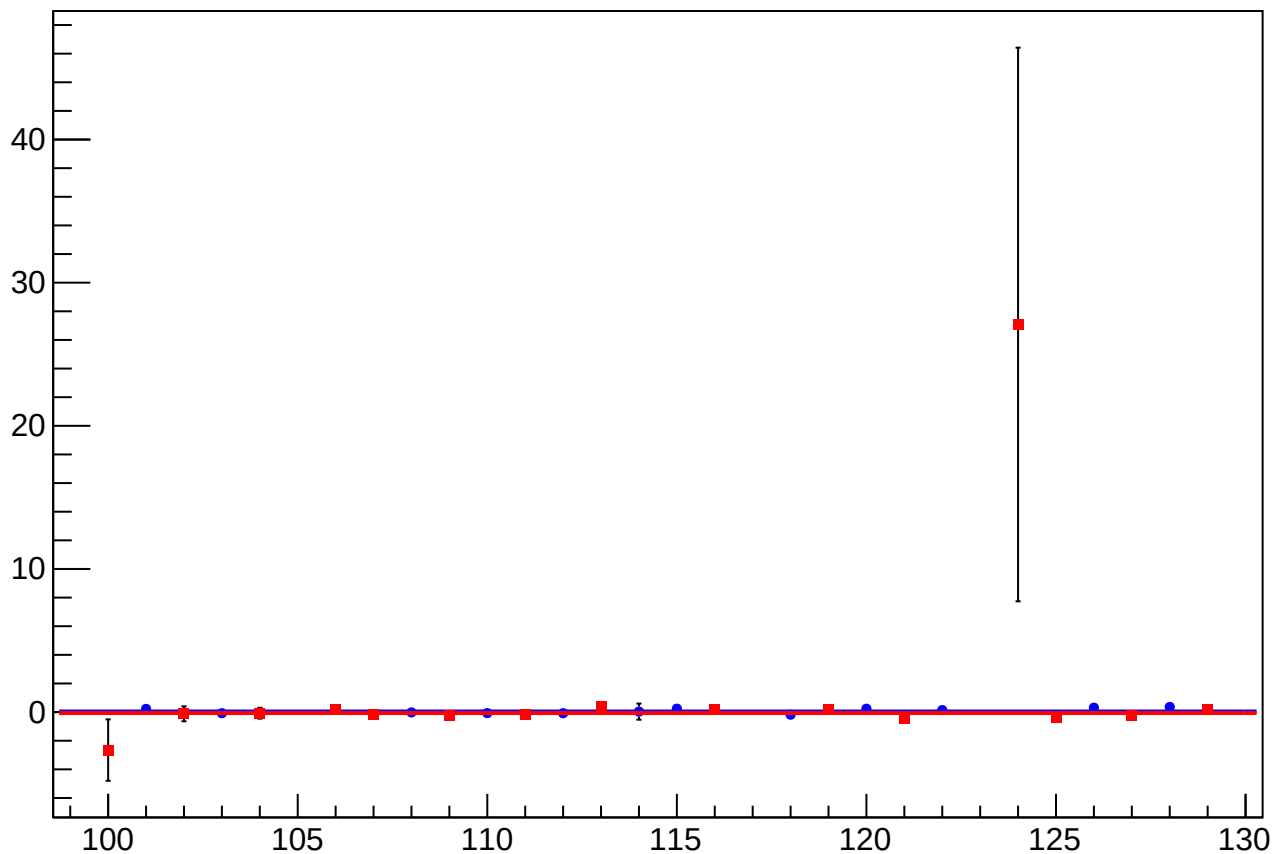
Right: 147.649+/-0.035 χ^2/NDF : 2240432.6/26

In: 151.635+/-0.052 χ^2/NDF : 999883.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.649+/-0.035 χ^2/NDF : 2240432.6/26

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.042 $\pm$ 0.073 χ^2 /NDF: 5.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.066 $\pm$ 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

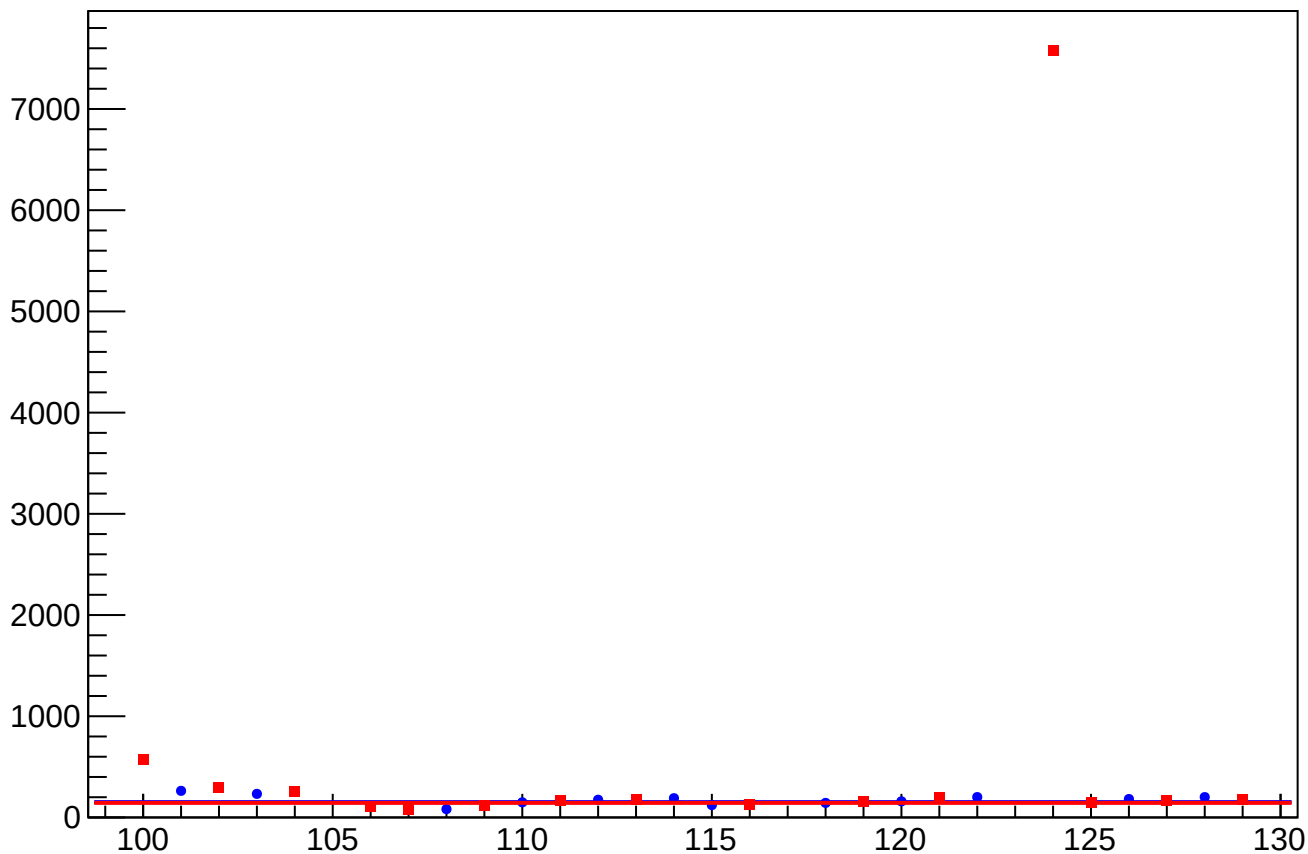
Right: -0.016 $\pm$ 0.050 χ^2 /NDF: 23.1/26

In: 0.042 $\pm$ 0.073 χ^2 /NDF:5.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.016 $\pm$ 0.050 χ^2 /NDF: 23.1/26

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 151.635+/-0.052 χ^2/NDF : 999883.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

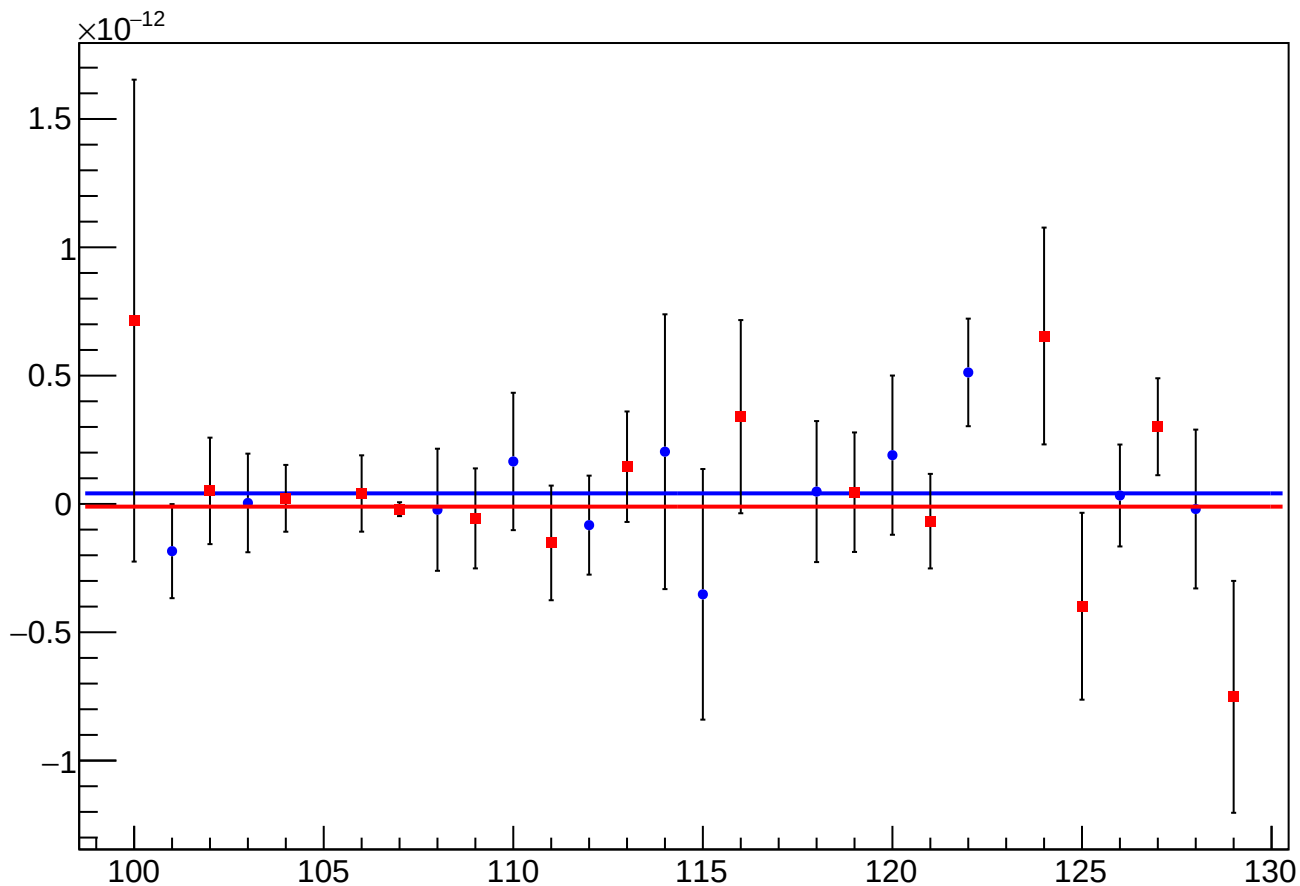
Right: 147.649+/-0.035 χ^2/NDF : 2240432.6/26

In: 151.635+/-0.052 χ^2/NDF : 999883.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.649+/-0.035 χ^2/NDF : 2240432.6/26

asym_atl1r2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 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

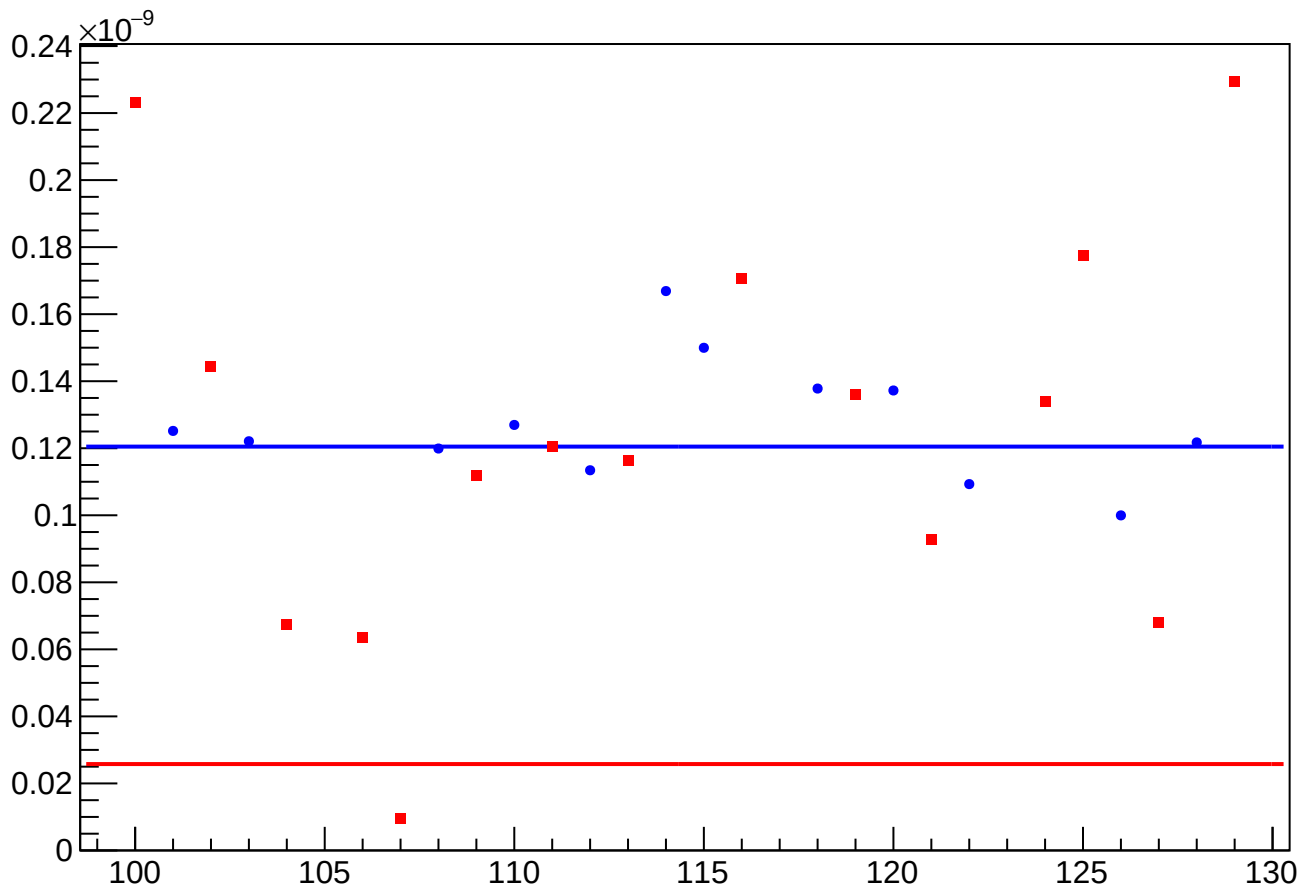
Right: -0.000+/-0.000 χ^2/NDF : 20.8/26

In: 0.000+/-0.000 χ^2/NDF : 8.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.8/26

asym_atl1r2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 68483.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

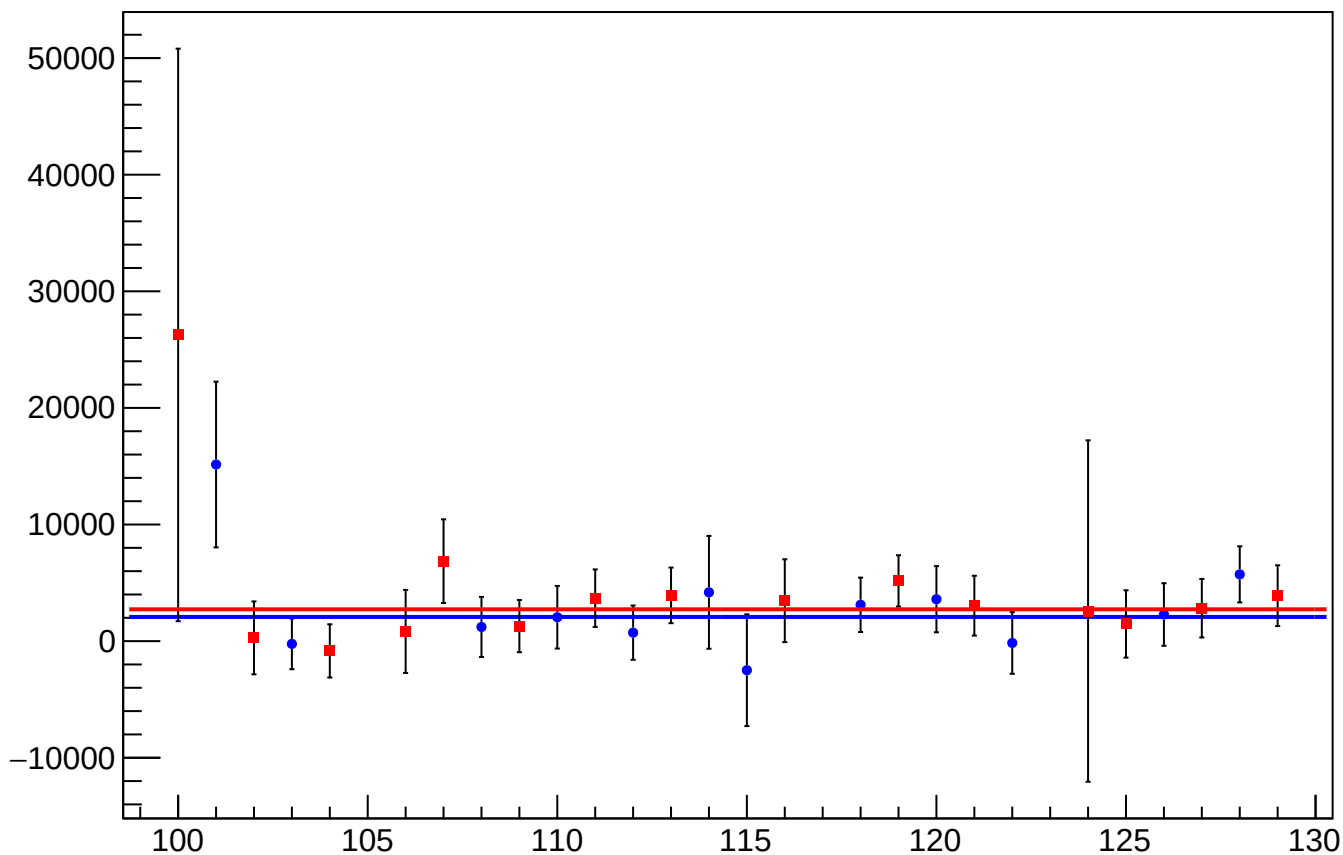
Right: 0.000+/-0.000 χ^2/NDF : 8239379.7/26

In: 0.000+/-0.000 χ^2/NDF : 68483.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8239379.7/26

reg_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 2074.767+/-802.196 χ^2/NDF : 9.6/11

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

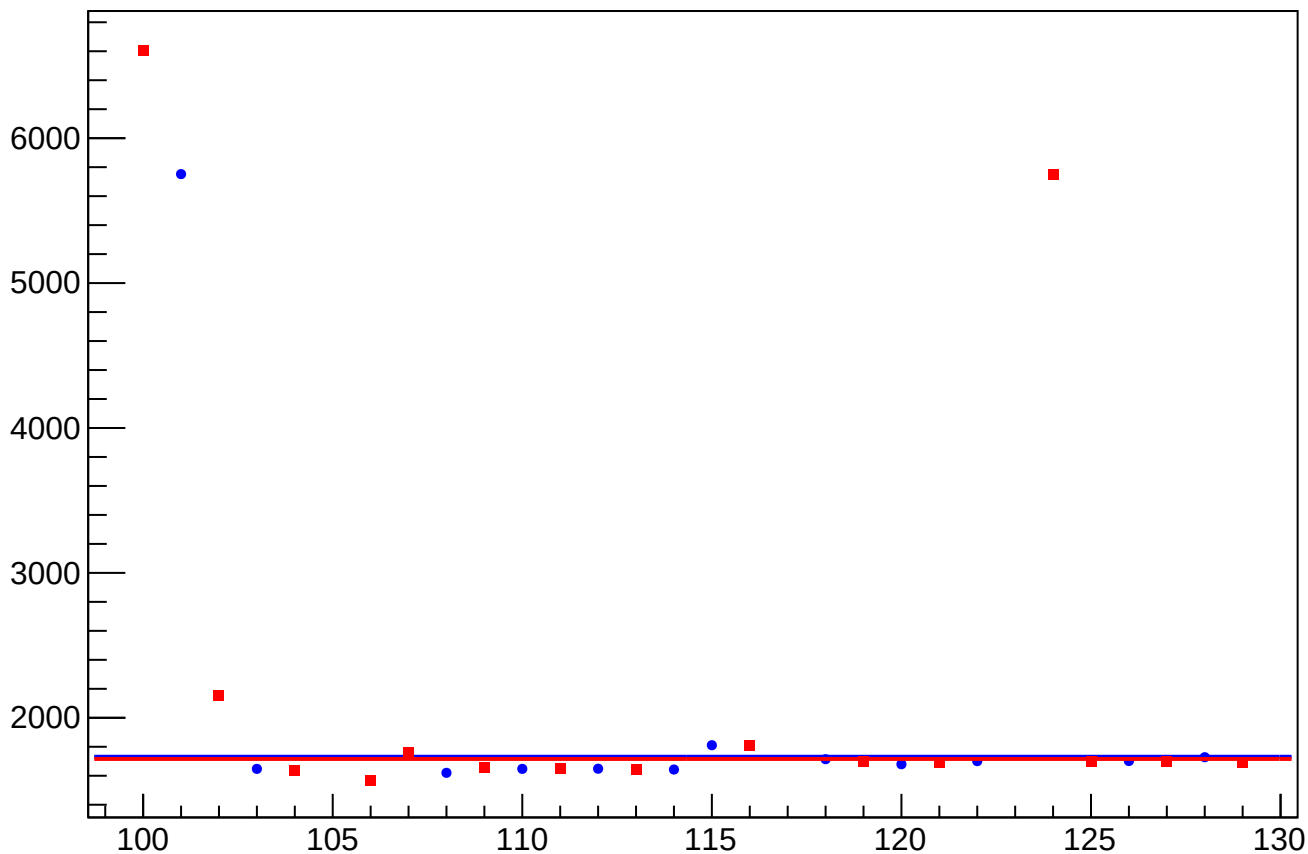
Right: 2431.635+/-541.165 χ^2/NDF : 18.0/26

In: 2074.767+/-802.196 χ^2/NDF : 9.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2431.635+/-541.165 χ^2/NDF : 18.0/26

reg_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1730.901+/-0.567 χ^2/NDF : 654077.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

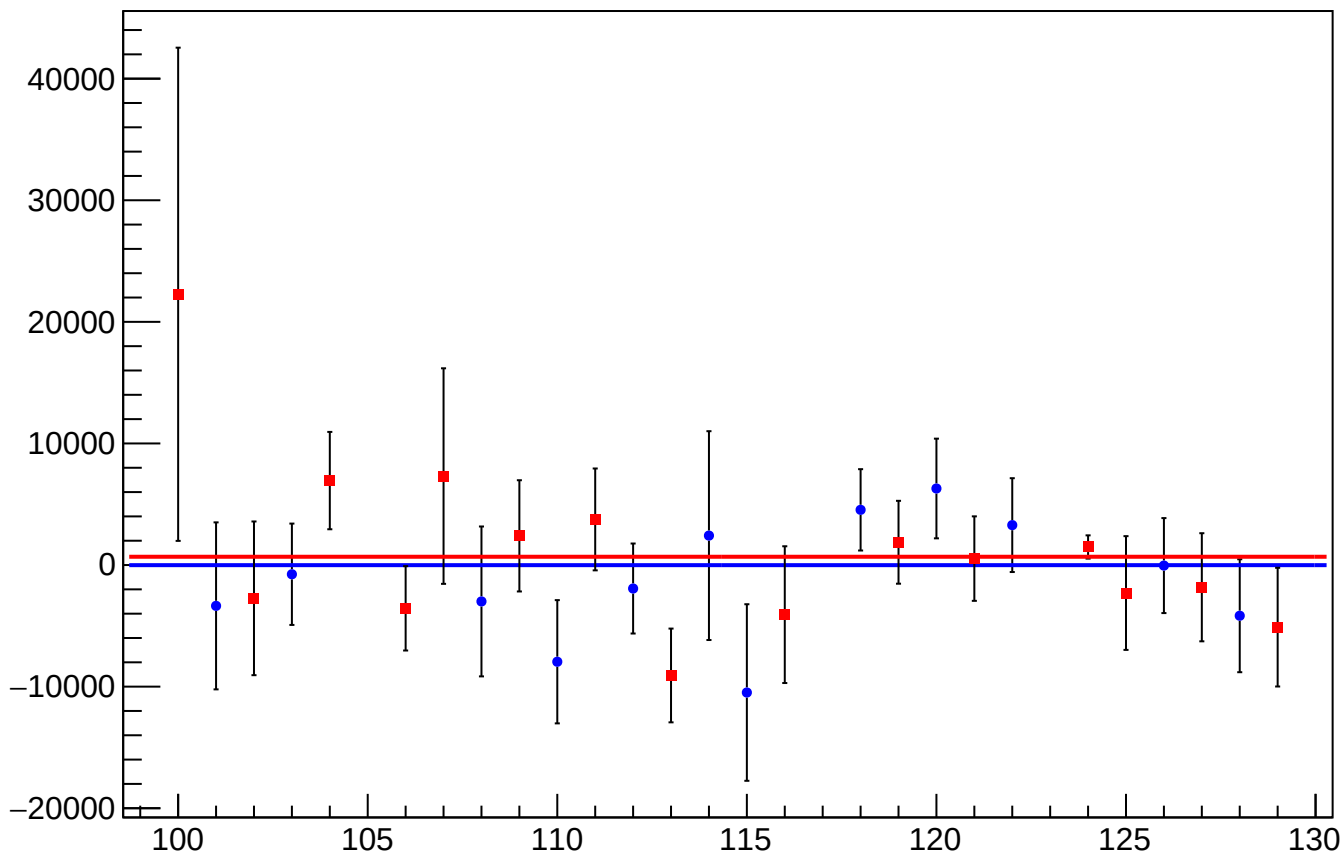
Right: 1722.768+/-0.381 χ^2/NDF : 939180.0/26

In: 1730.901+/-0.567 χ^2/NDF : 654077.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1722.768+/-0.381 χ^2/NDF : 939180.0/26

asym_atr1l2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -9.546 ± 1315.825 $\chi^2/\text{NDF}: 11.1/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 681.677 ± 747.813 $\chi^2/\text{NDF}: 16.7/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

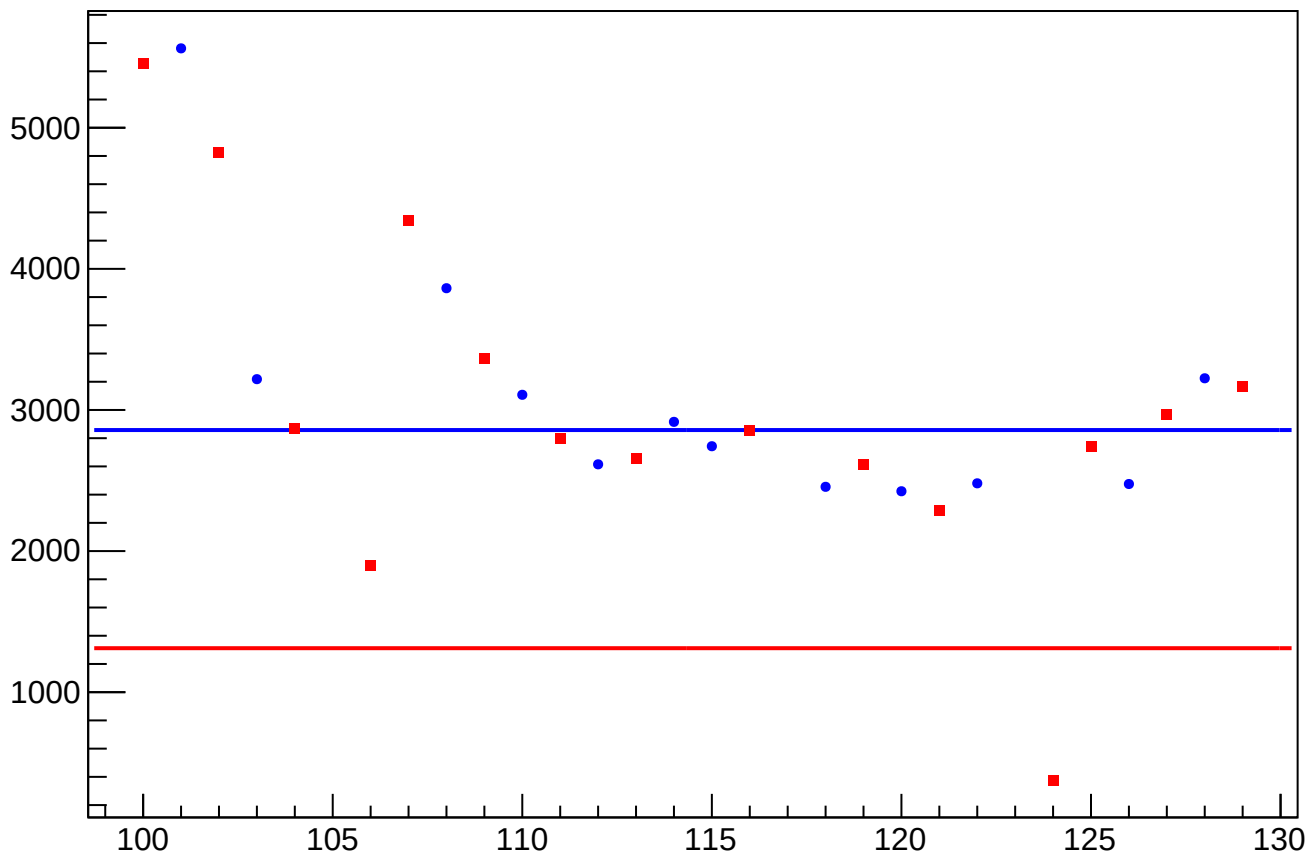
Right: 512.924 ± 650.151 $\chi^2/\text{NDF}: 28.0/26$

In: -9.546 ± 1315.825 $\chi^2/\text{NDF}: 11.1/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 512.924 ± 650.151 $\chi^2/\text{NDF}: 28.0/26$

asym_atr1l2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2857.716+/-0.930 χ^2/NDF : 494651.3/11

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

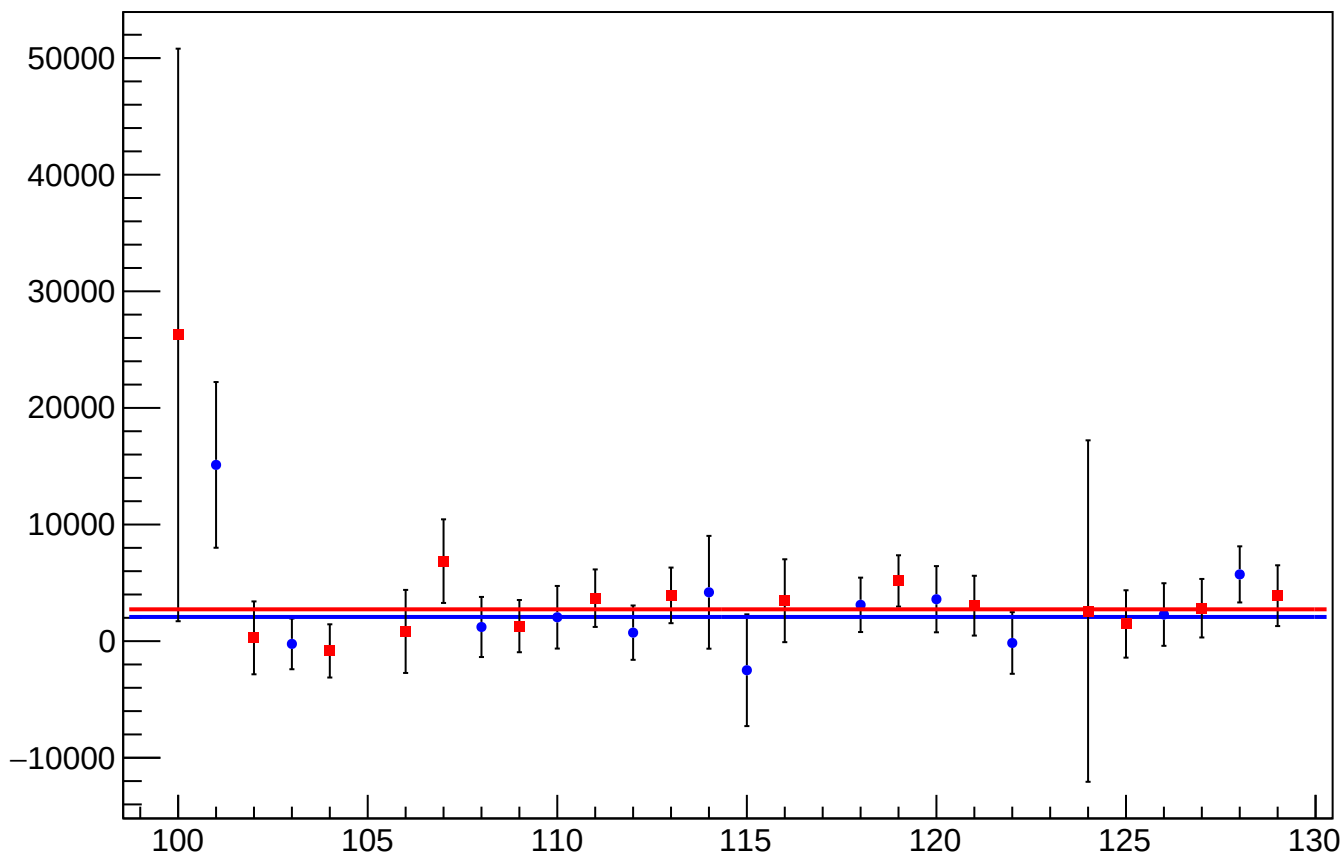
Right: 1689.187+/-0.460 χ^2/NDF : 8056076.9/26

In: 2857.716+/-0.930 χ^2/NDF :494651.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1689.187+/-0.460 χ^2/NDF : 8056076.9/26

cor_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 2074.420+/-802.197 χ^2/NDF : 9.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

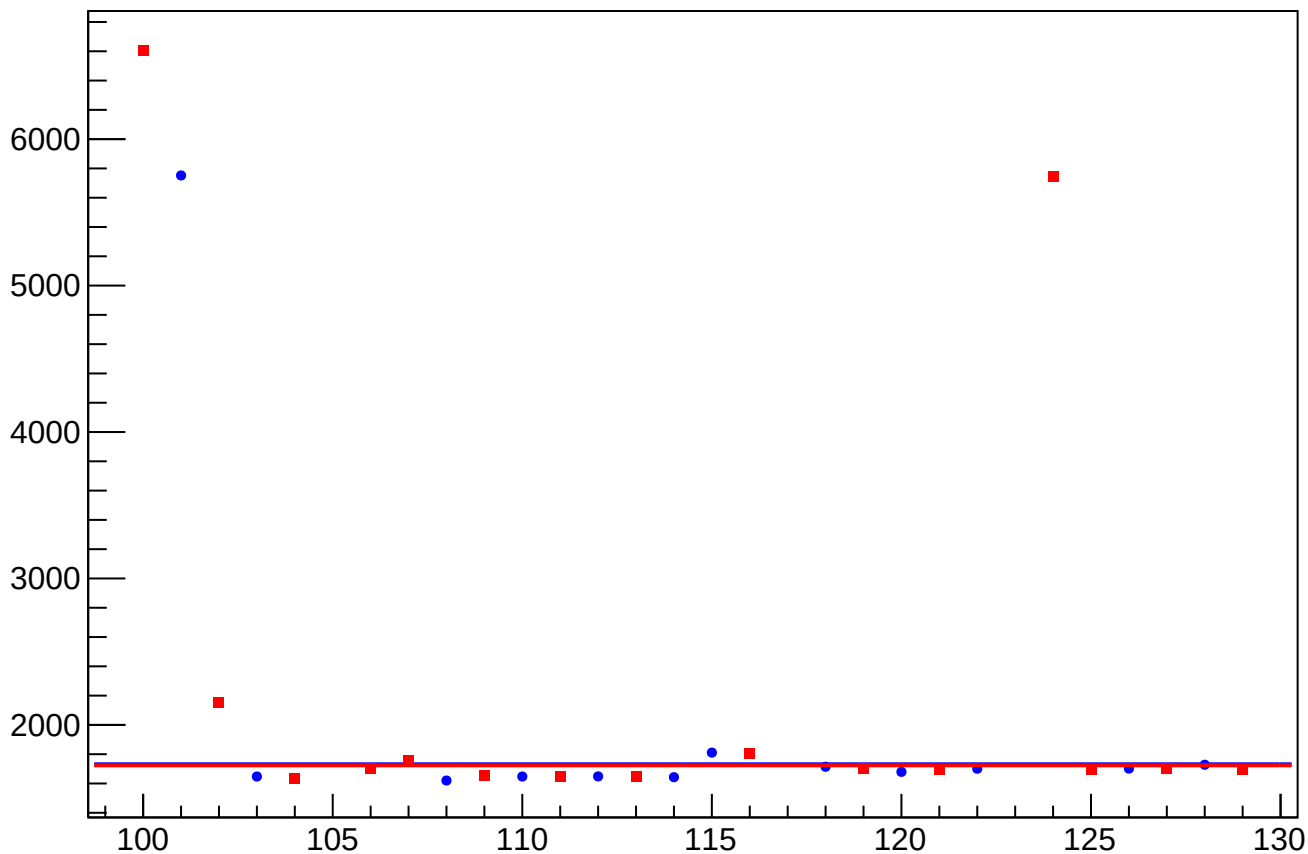
Right: 2431.519+/-541.165 χ^2/NDF : 18.0/26

In: 2074.420+/-802.197 χ^2/NDF : 9.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2431.519+/-541.165 χ^2/NDF : 18.0/26

cor_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1730.900+/-0.567 χ^2/NDF : 654077.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

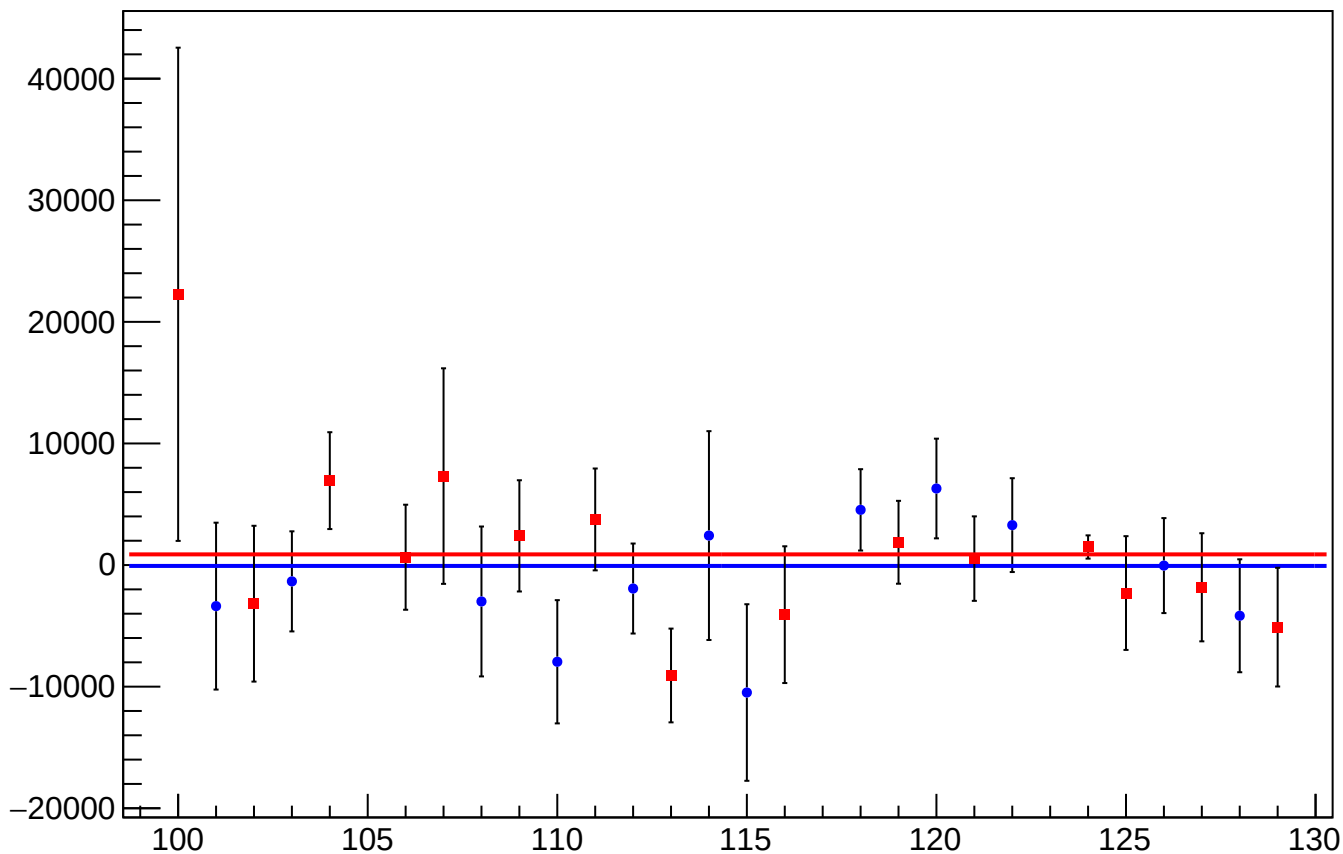
Right: 1727.267+/-0.382 χ^2/NDF : 933656.6/26

In: 1730.900+/-0.567 χ^2/NDF : 654077.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1727.267+/-0.382 χ^2/NDF : 933656.6/26

asym_atr1l2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -71.682+/-1314.124 χ^2/NDF : 11.2/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

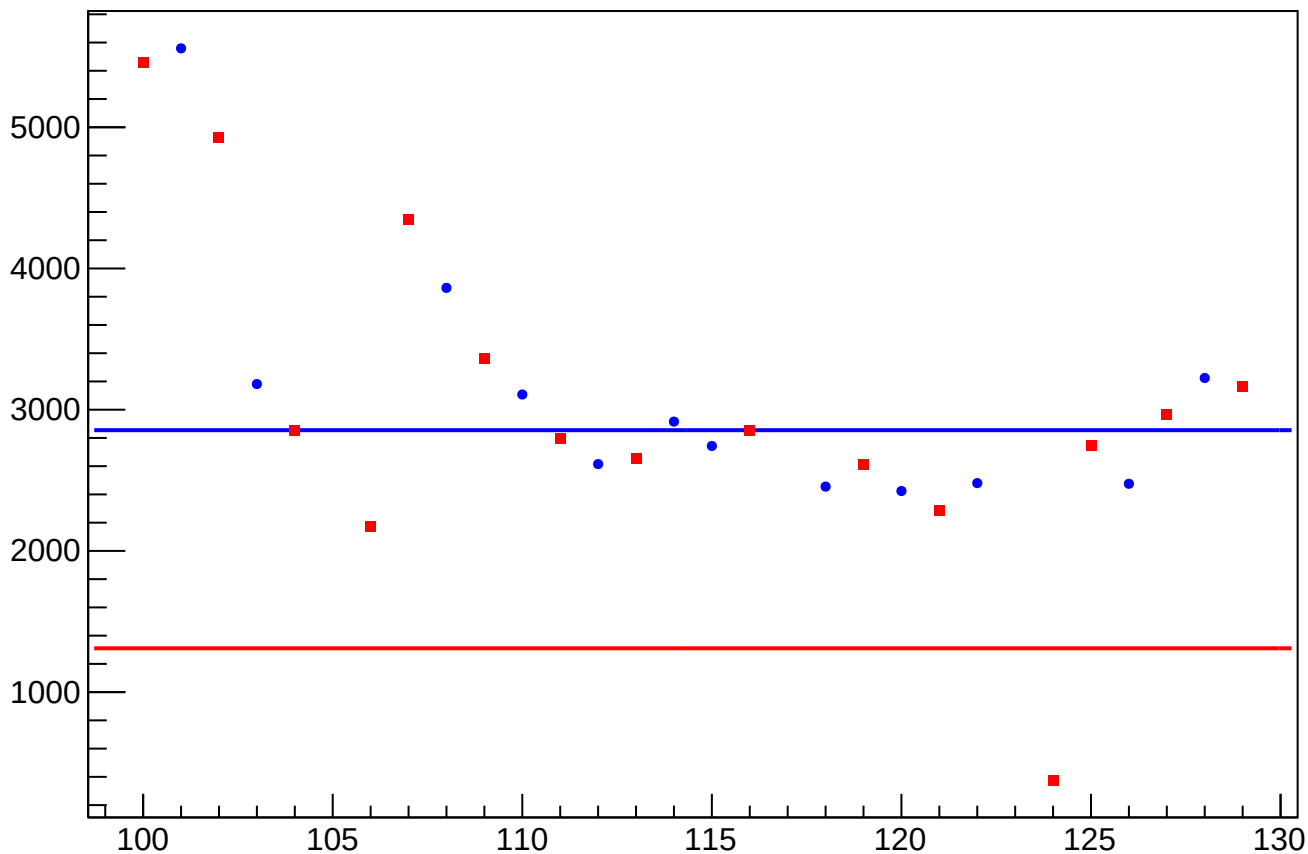
Right: 643.247+/-654.046 χ^2/NDF : 26.8/26

In: -71.682+/-1314.124 χ^2/NDF :11.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 643.247+/-654.046 χ^2/NDF : 26.8/26

asym_atr1l2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2854.880+/-0.929 χ^2/NDF : 491582.7/11

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

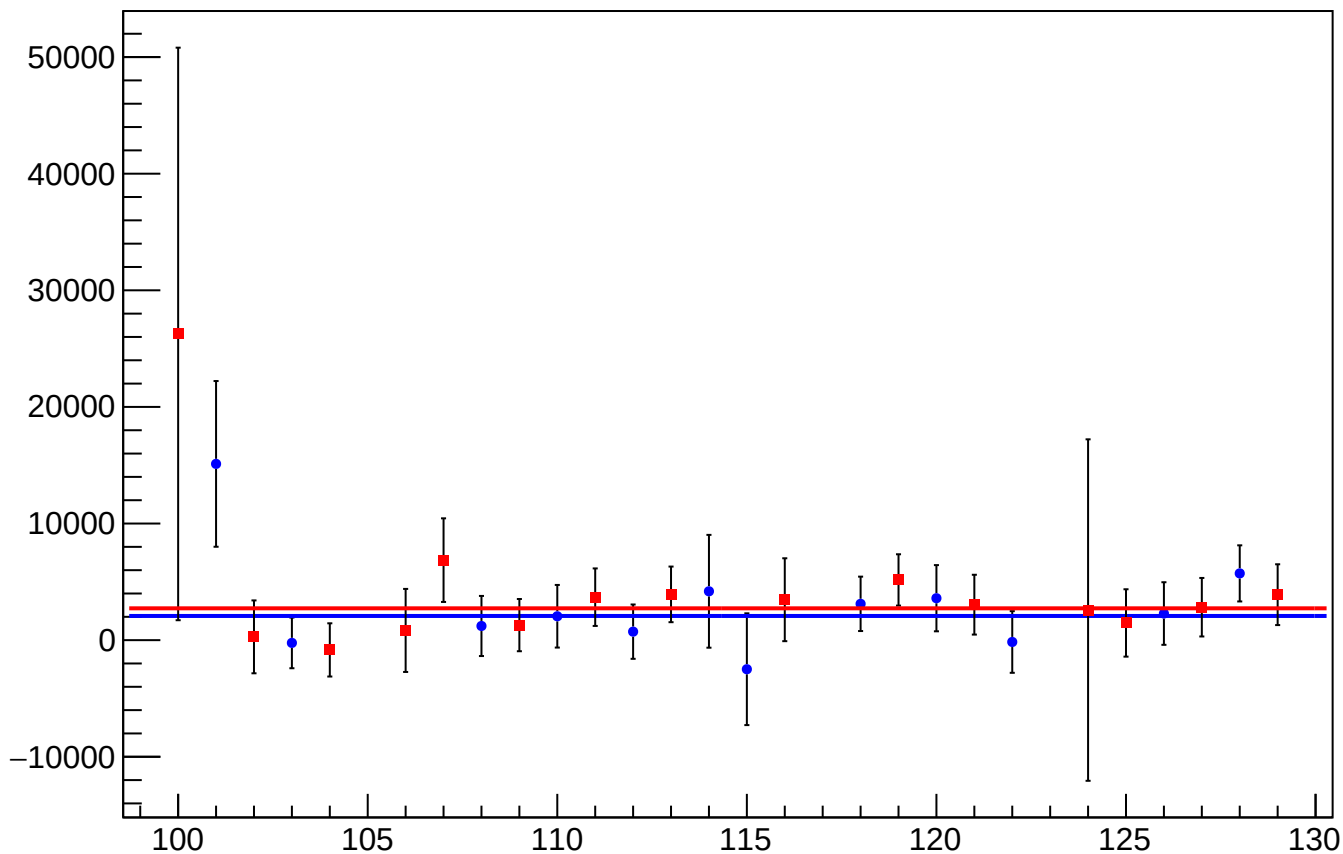
Right: 1693.074+/-0.462 χ^2/NDF : 8082928.9/26

In: 2854.880+/-0.929 χ^2/NDF : 491582.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1693.074+/-0.462 χ^2/NDF : 8082928.9/26

eigen_cor_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 2074.420+/-802.197 χ^2/NDF : 9.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

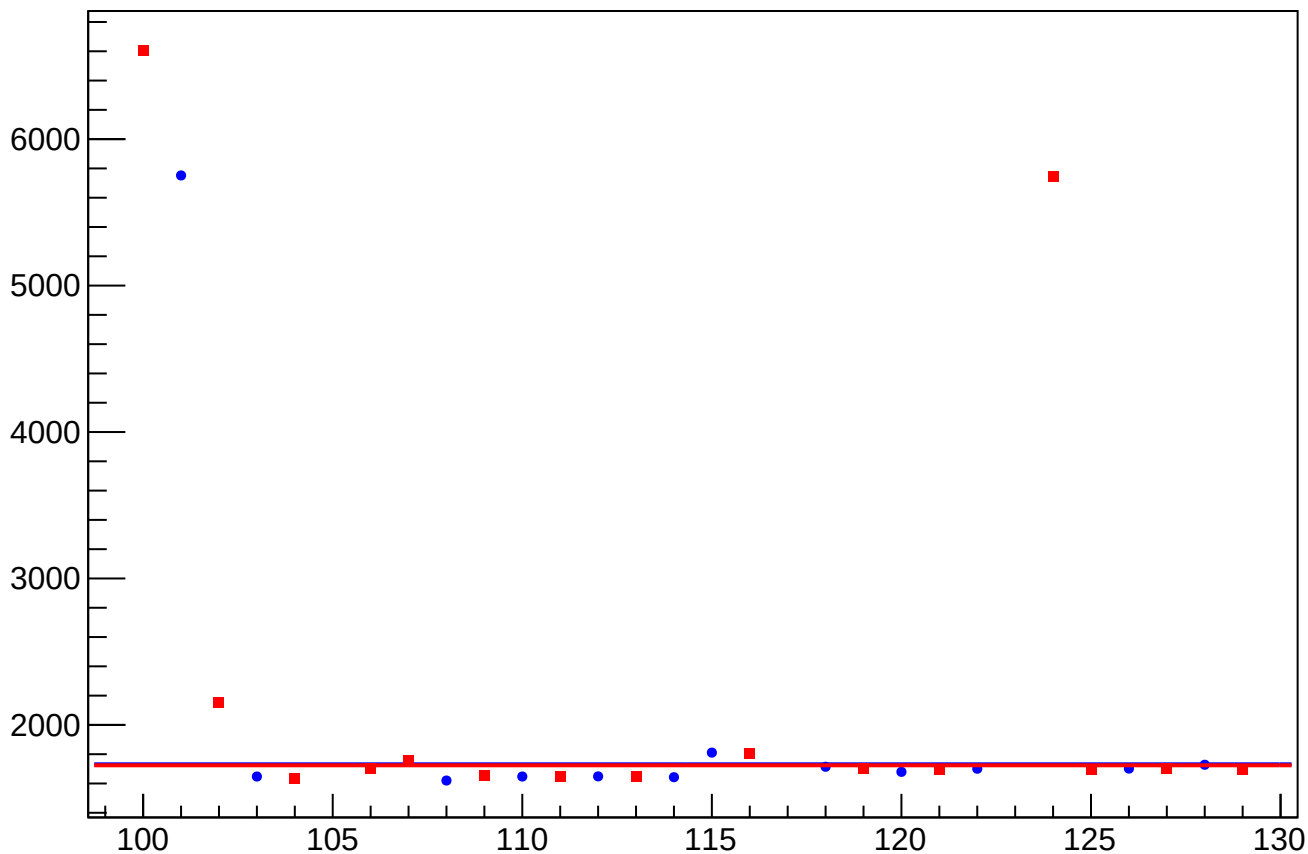
Right: 2431.519+/-541.165 χ^2/NDF : 18.0/26

In: 2074.420+/-802.197 χ^2/NDF : 9.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2431.519+/-541.165 χ^2/NDF : 18.0/26

eigen_cor_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1730.900+/-0.567 χ^2/NDF : 654077.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

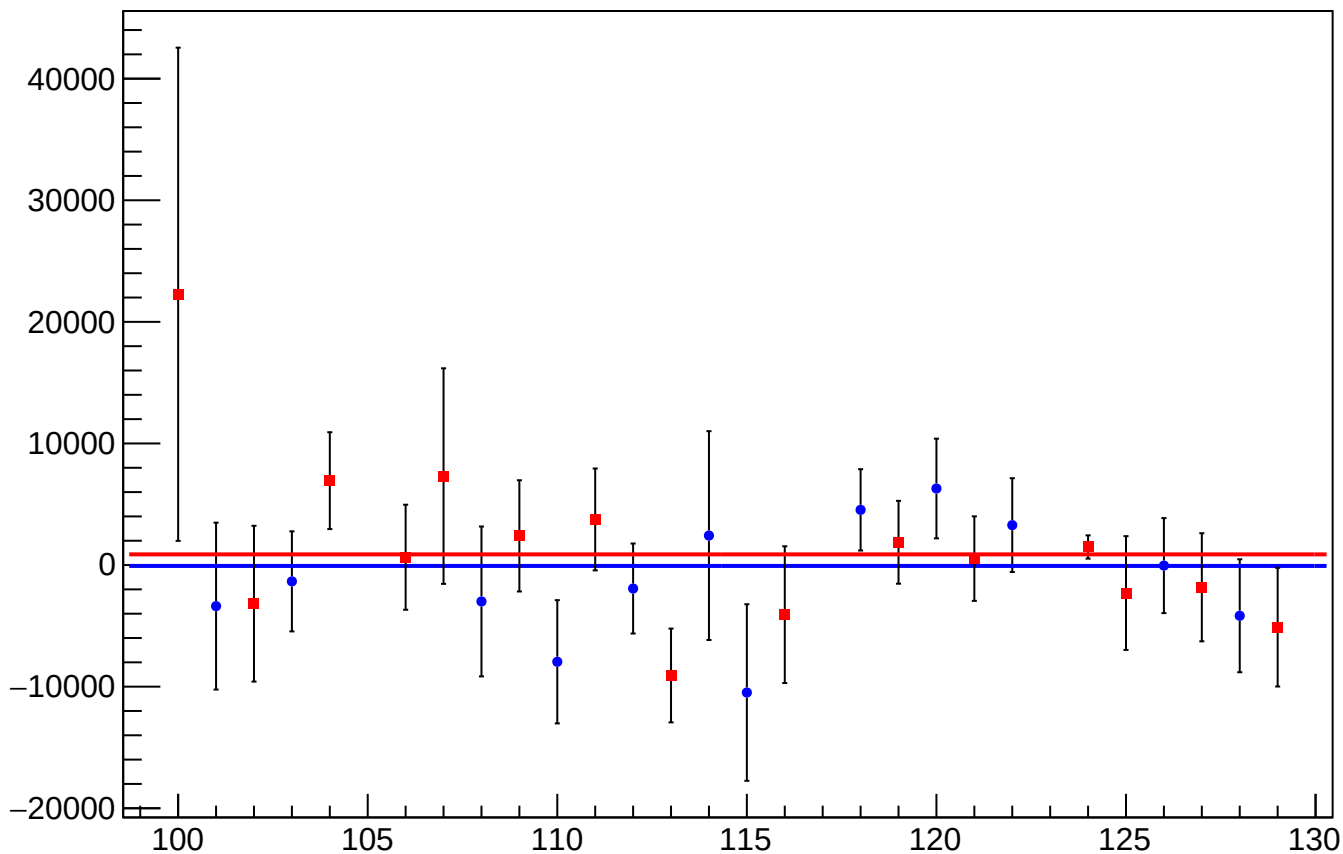
Right: 1727.267+/-0.382 χ^2/NDF : 933656.6/26

In: 1730.900+/-0.567 χ^2/NDF : 654077.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1727.267+/-0.382 χ^2/NDF : 933656.6/26

asym_atr1l2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -71.682+/-1314.124 χ^2/NDF : 11.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

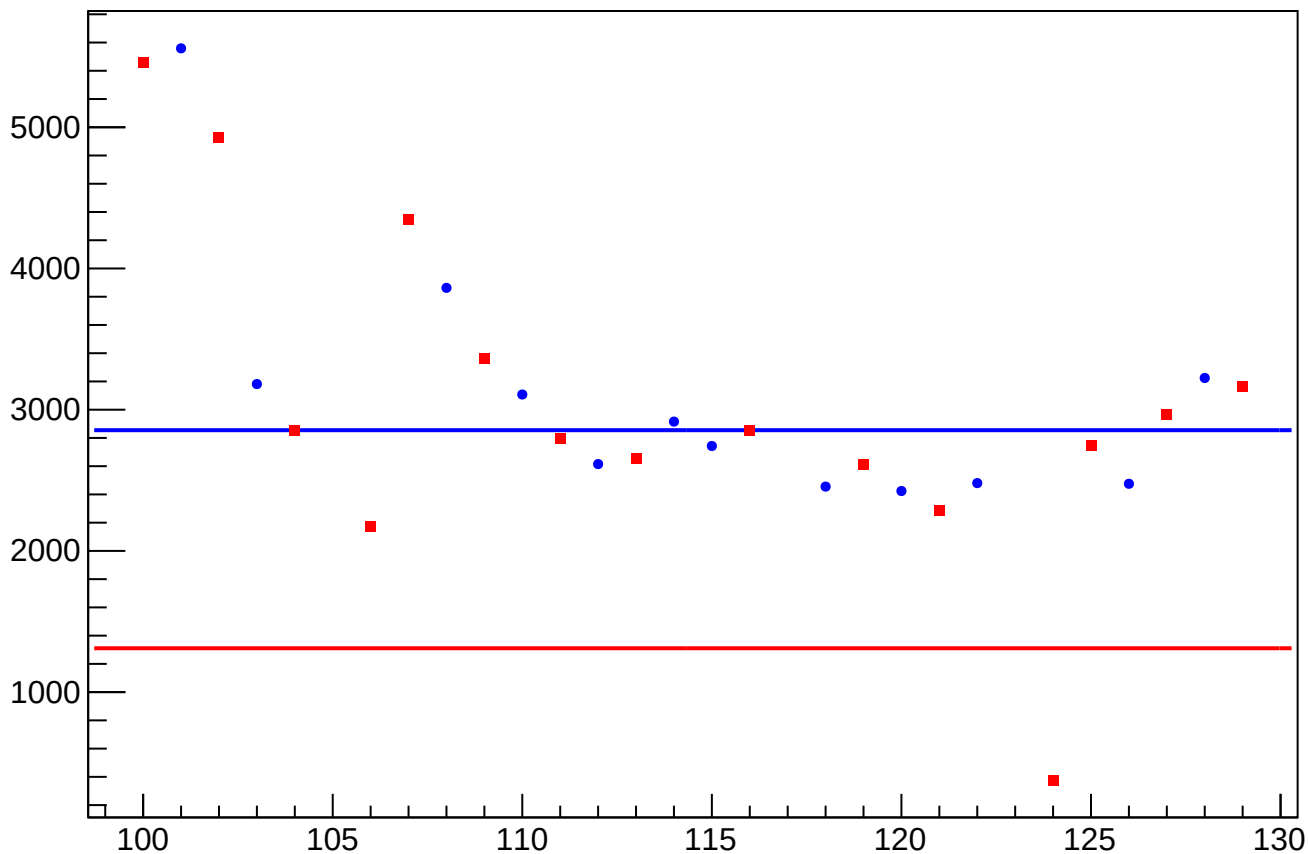
Right: 643.247+/-654.046 χ^2/NDF : 26.8/26

In: -71.682+/-1314.124 χ^2/NDF : 11.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 643.247+/-654.046 χ^2/NDF : 26.8/26

asym_atr1l2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2854.880+/-0.929 χ^2/NDF : 491582.7/11

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

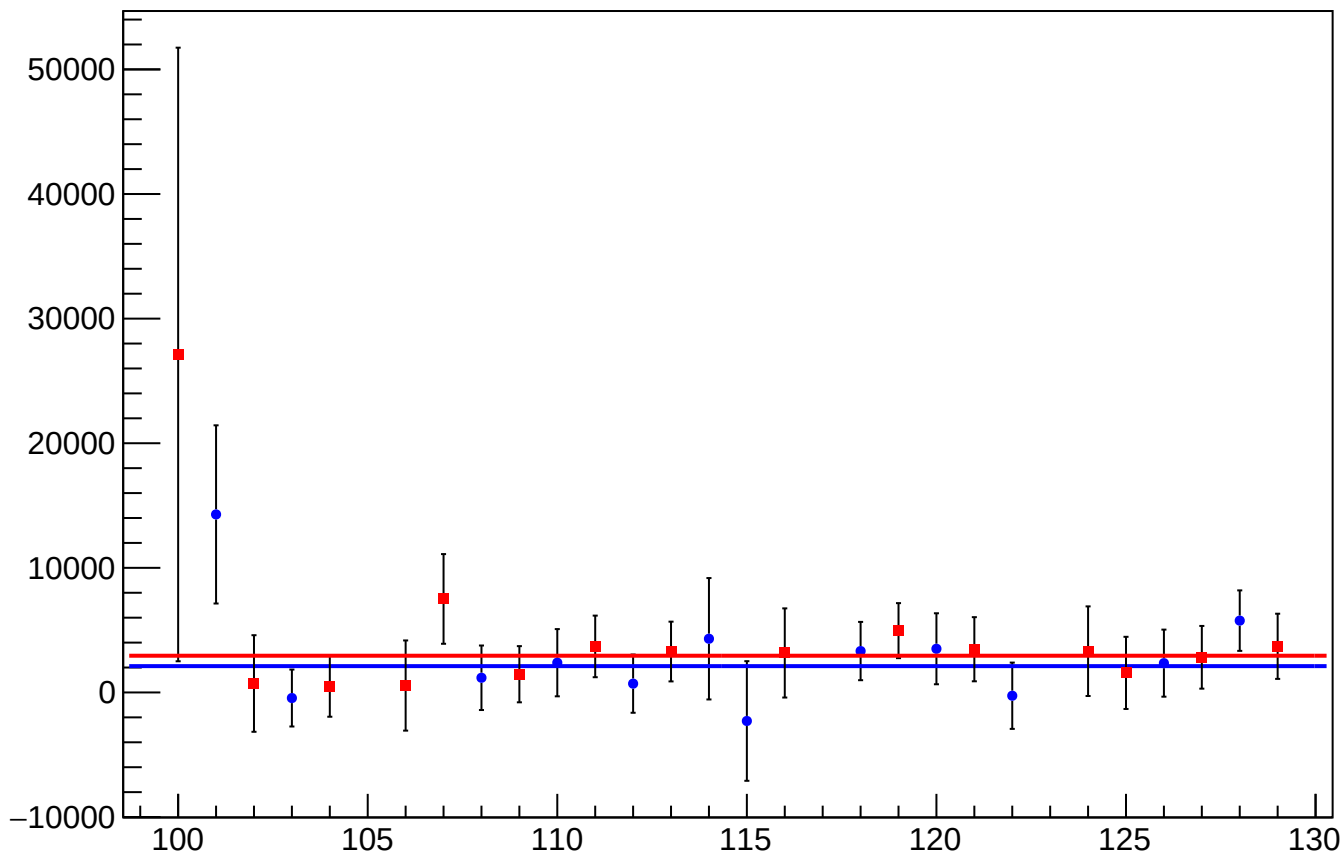
Right: 1693.074+/-0.462 χ^2/NDF : 8082928.9/26

In: 2854.880+/-0.929 χ^2/NDF : 491582.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1693.074+/-0.462 χ^2/NDF : 8082928.9/26

dit_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 2112.148+/-810.693 χ^2/NDF : 9.3/11

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

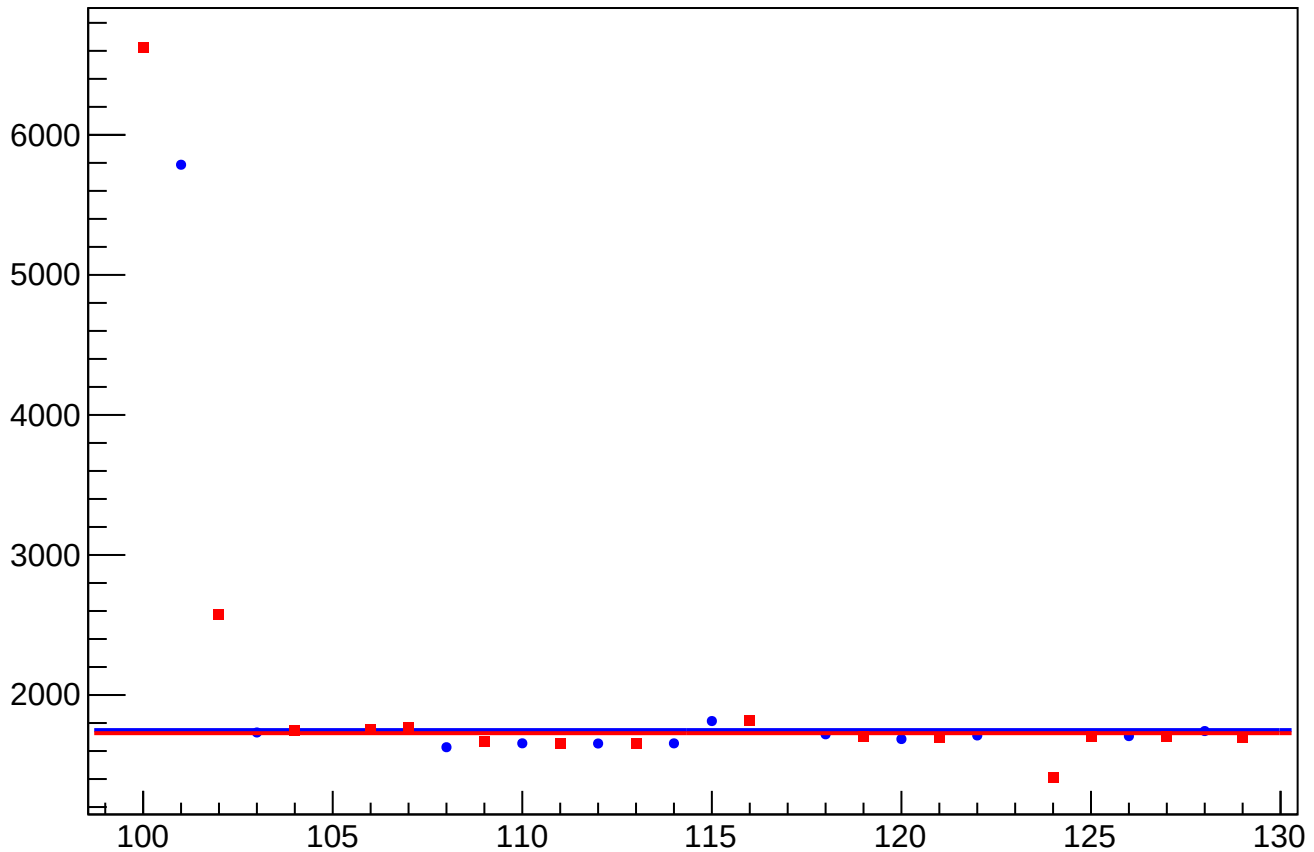
Right: 2571.290+/-543.854 χ^2/NDF : 16.0/26

In: 2112.148+/-810.693 χ^2/NDF :9.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2571.290+/-543.854 χ^2/NDF : 16.0/26

dit_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1749.399+/-0.573 χ^2/NDF : 651449.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

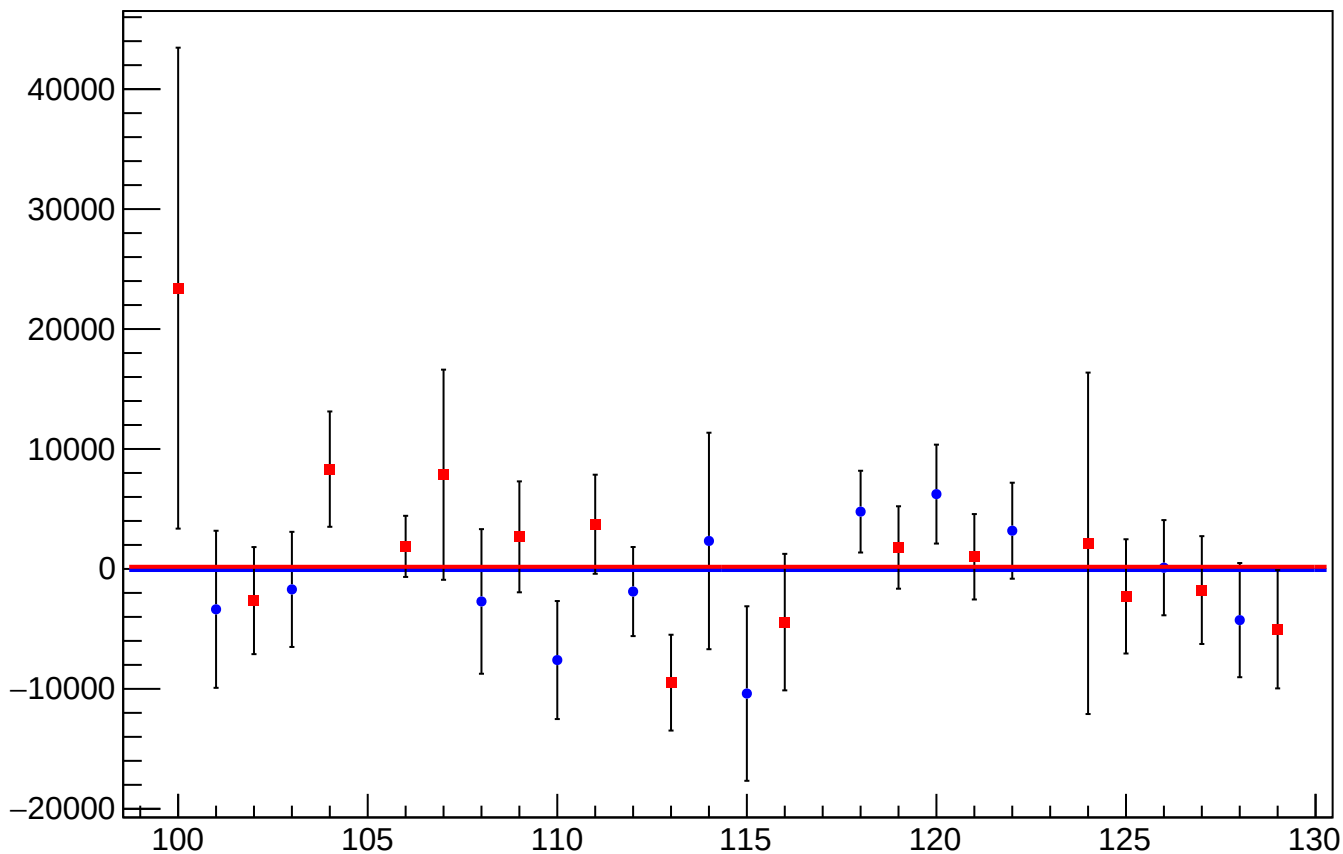
Right: 1737.267+/-0.384 χ^2/NDF : 850343.2/26

In: 1749.399+/-0.573 χ^2/NDF : 651449.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1737.267+/-0.384 χ^2/NDF : 850343.2/26

asym_atr1l2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -90.764+/-1343.261 χ^2/NDF : 11.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

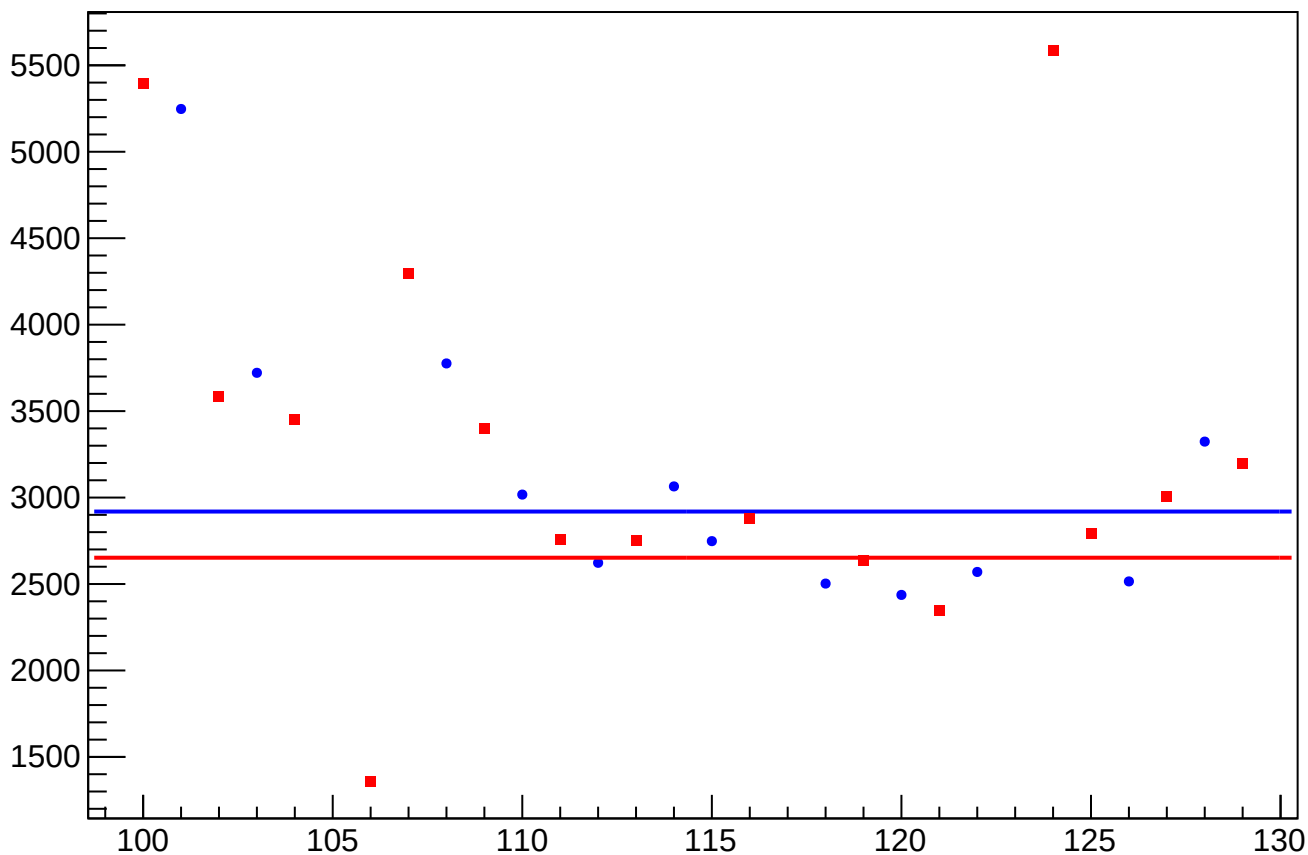
Right: 65.572+/-870.611 χ^2/NDF : 26.3/26

In: -90.764+/-1343.261 χ^2/NDF : 11.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.572+/-870.611 χ^2/NDF : 26.3/26

asym_atr1l2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2919.152+/-0.950 χ^2/NDF : 471969.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

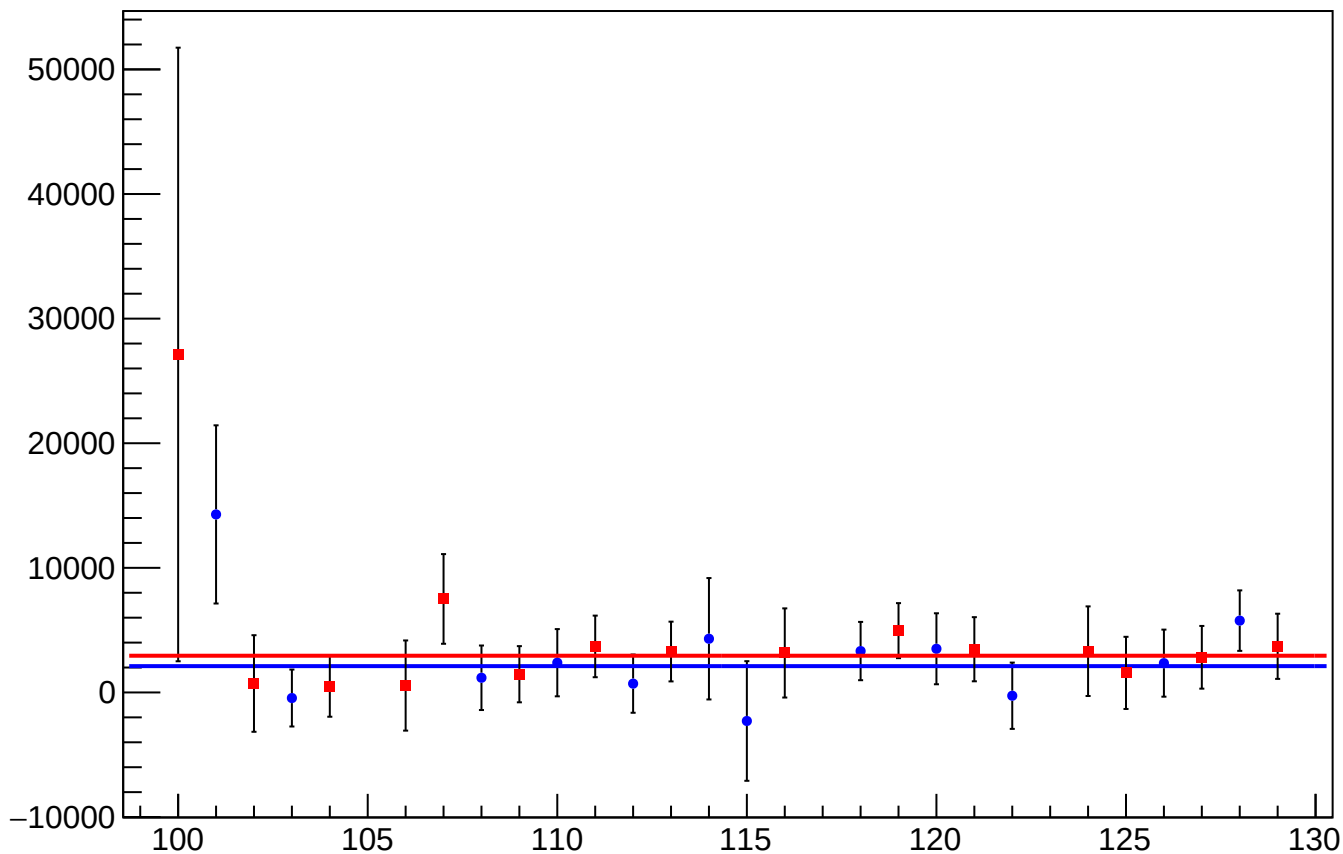
Right: 2764.308+/-0.616 χ^2/NDF : 1481029.9/26

In: 2919.152+/-0.950 χ^2/NDF : 471969.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2764.308+/-0.616 χ^2/NDF : 1481029.9/26

eigen_dit_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 2112.153+/-810.693 χ^2/NDF : 9.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

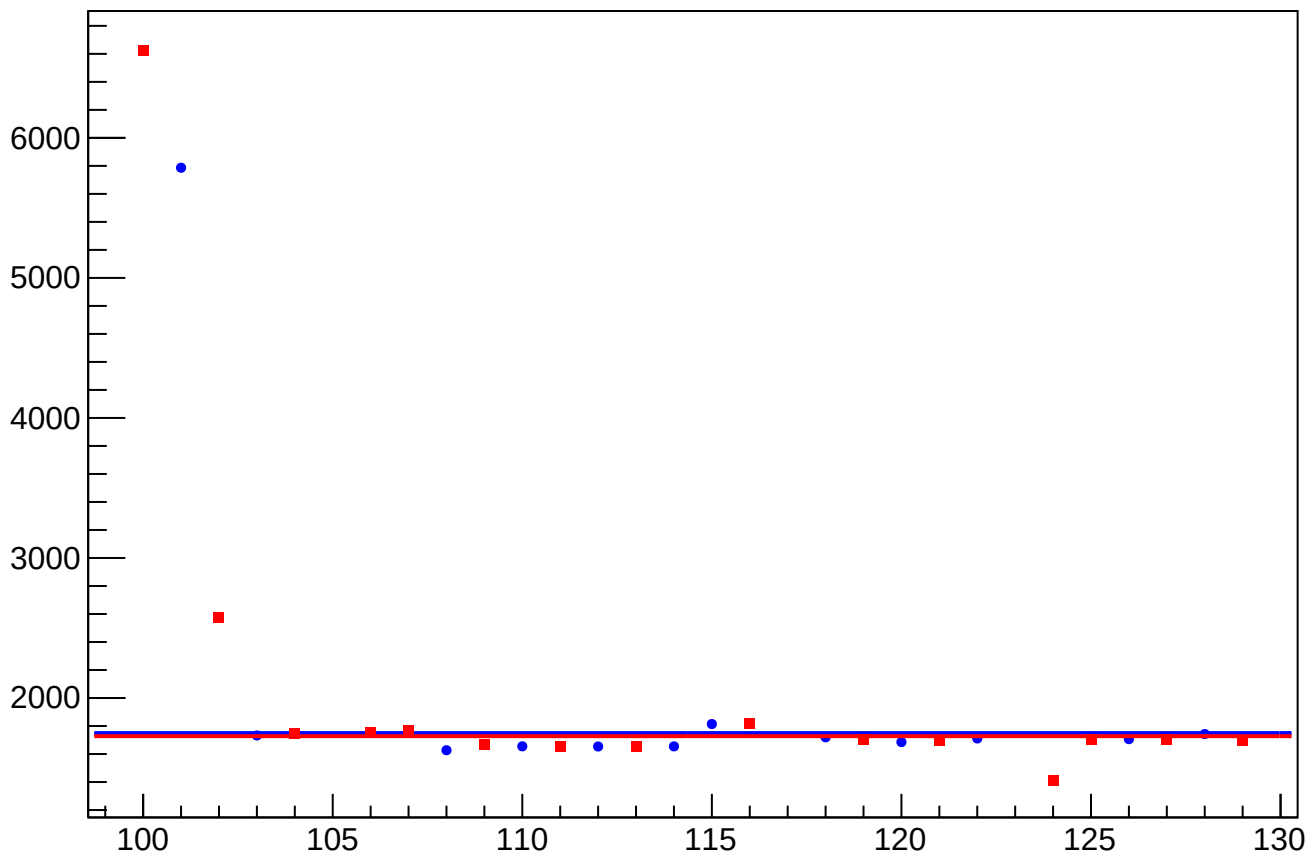
Right: 2571.296+/-543.854 χ^2/NDF : 16.0/26

In: 2112.153+/-810.693 χ^2/NDF : 9.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2571.296+/-543.854 χ^2/NDF : 16.0/26

eigen_dit_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1749.399+/-0.573 χ^2/NDF : 651449.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

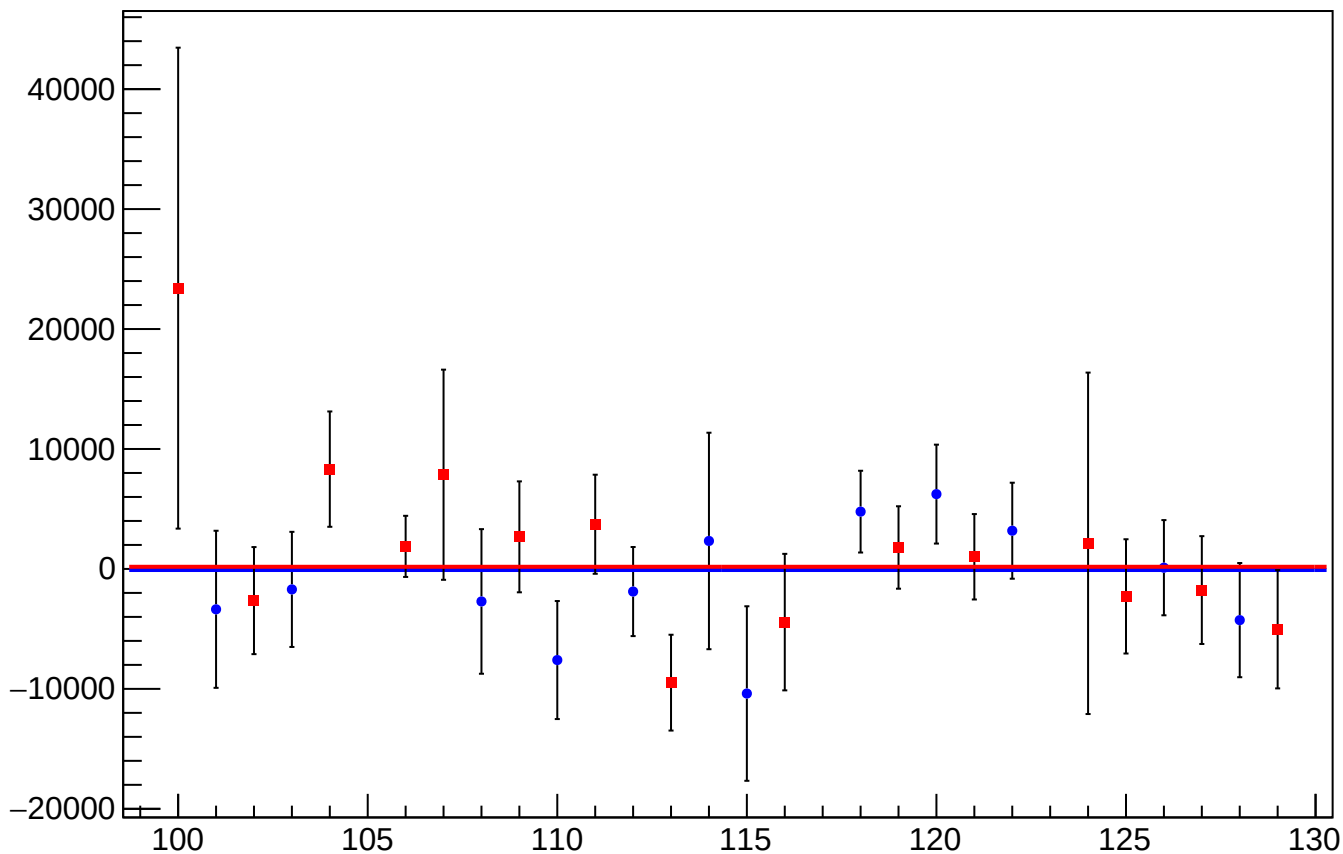
Right: 1737.267+/-0.384 χ^2/NDF : 850343.0/26

In: 1749.399+/-0.573 χ^2/NDF : 651449.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1737.267+/-0.384 χ^2/NDF : 850343.0/26

asym_atr1l2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -90.759 ± 1343.255 χ^2/NDF : 11.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 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

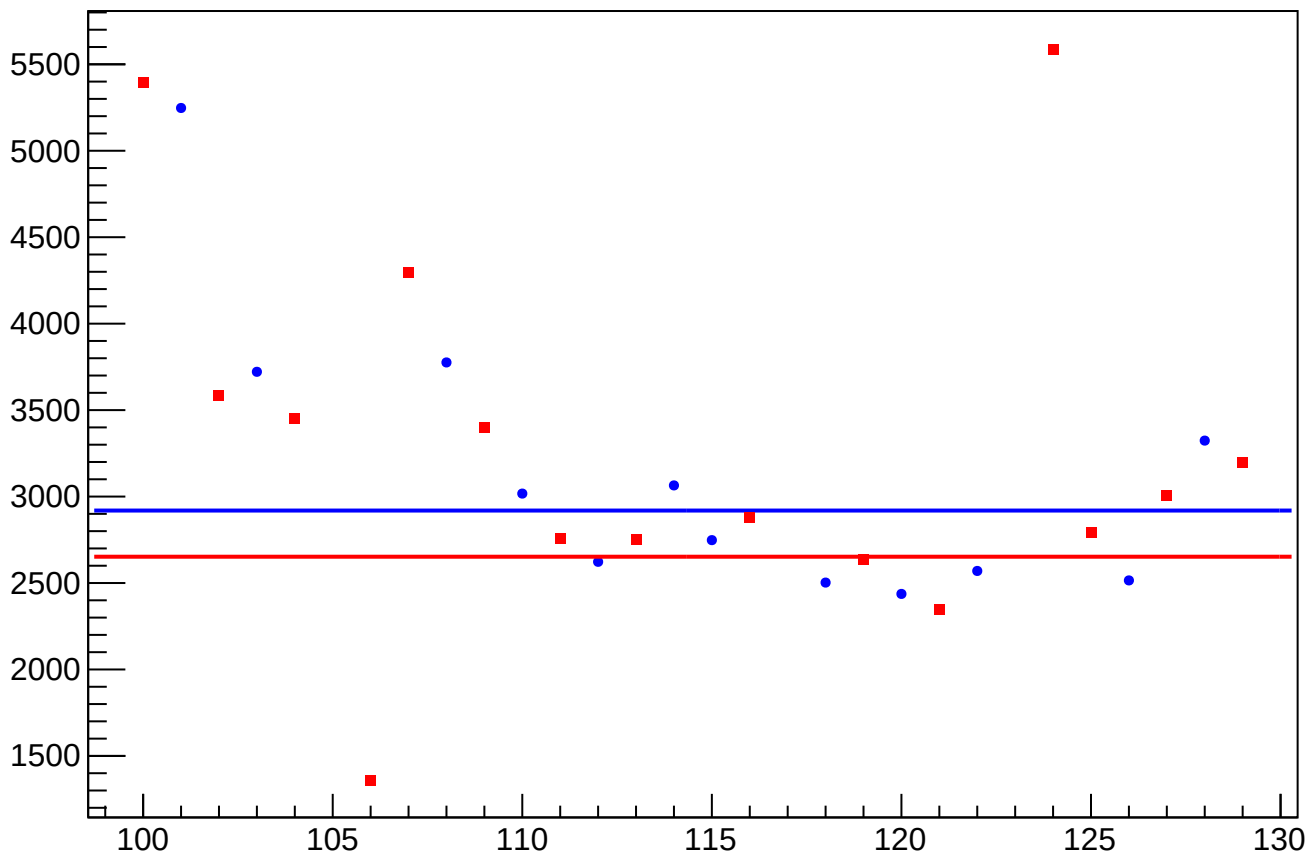
Right: 65.576 ± 870.608 χ^2/NDF : 26.3/26

In: -90.759 ± 1343.255 χ^2/NDF : 11.0/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 65.576 ± 870.608 χ^2/NDF : 26.3/26

asym_atr1l2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2919.140+/-0.950 χ^2/NDF : 471973.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

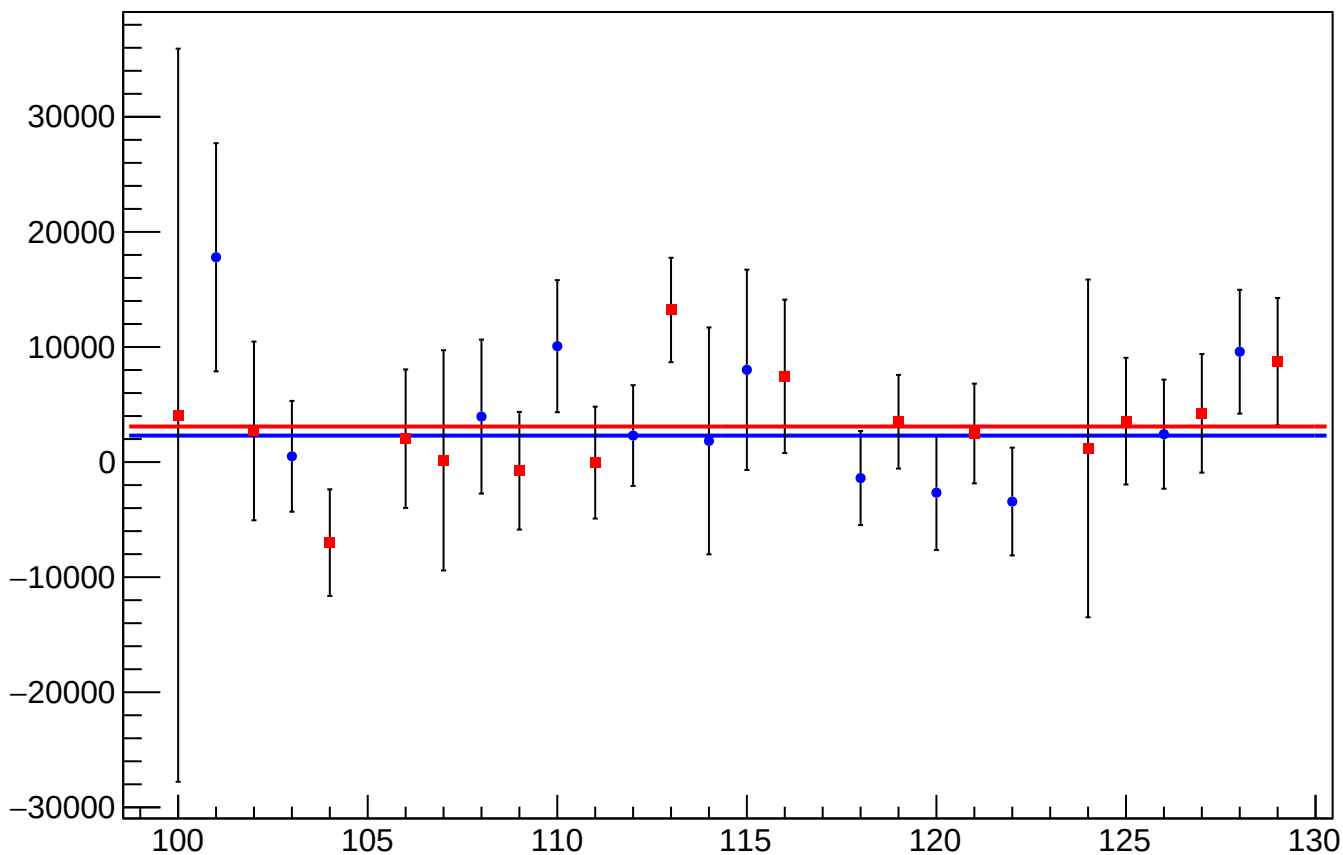
Right: 2764.296+/-0.616 χ^2/NDF : 1481048.9/26

In: 2919.140+/-0.950 χ^2/NDF : 471973.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2764.296+/-0.616 χ^2/NDF : 1481048.9/26

asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 2300.989+/-1568.846 χ^2/NDF : 10.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

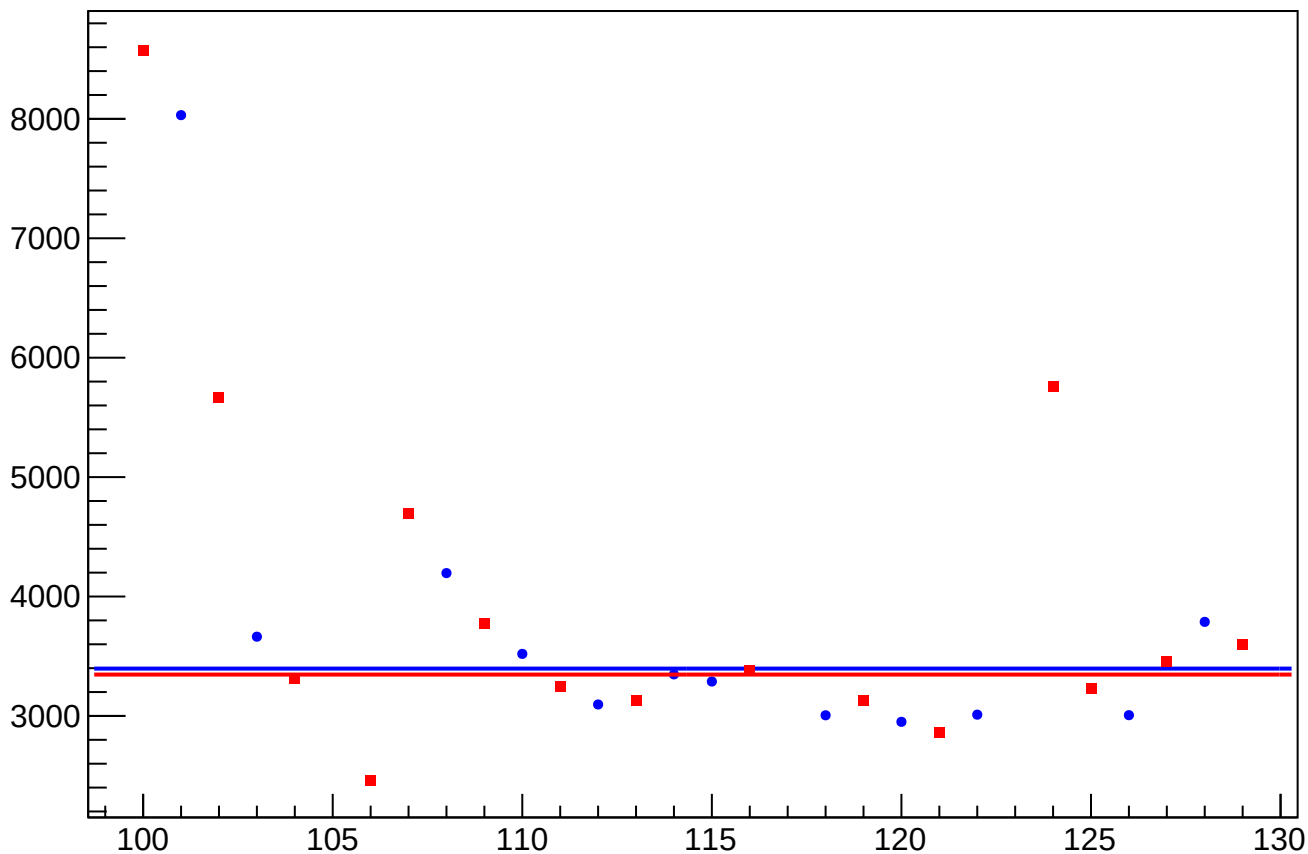
Right: 2726.990+/-1064.759 χ^2/NDF : 22.6/26

In: 2300.989+/-1568.846 χ^2/NDF : 10.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2726.990+/-1064.759 χ^2/NDF : 22.6/26

asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 3396.423+/-1.109 χ^2/NDF : 554649.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

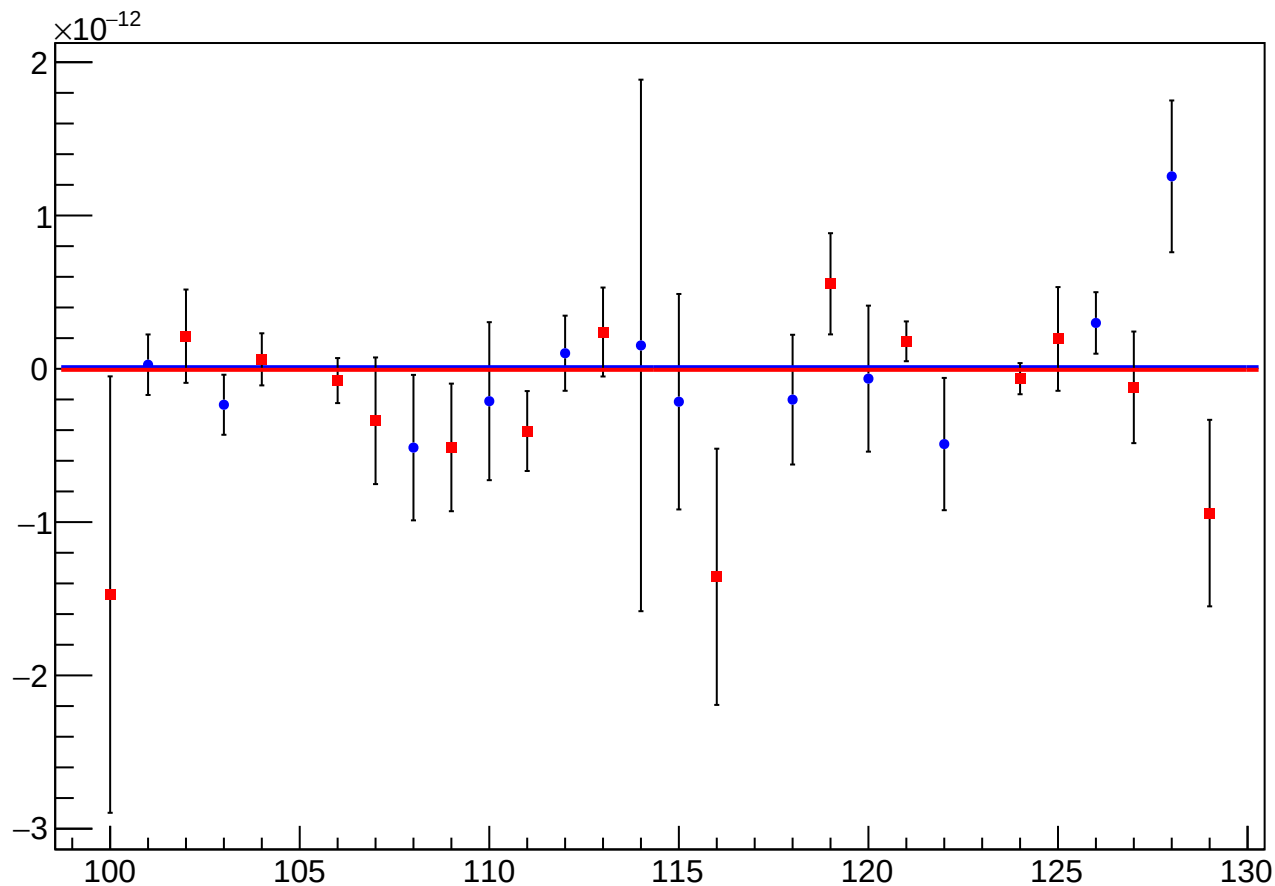
Right: 3368.996+/-0.746 χ^2/NDF : 1008473.7/26

In: 3396.423+/-1.109 χ^2/NDF : 554649.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3368.996+/-0.746 χ^2/NDF : 1008473.7/26

asym_atr1l2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 13.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 17.9/14

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

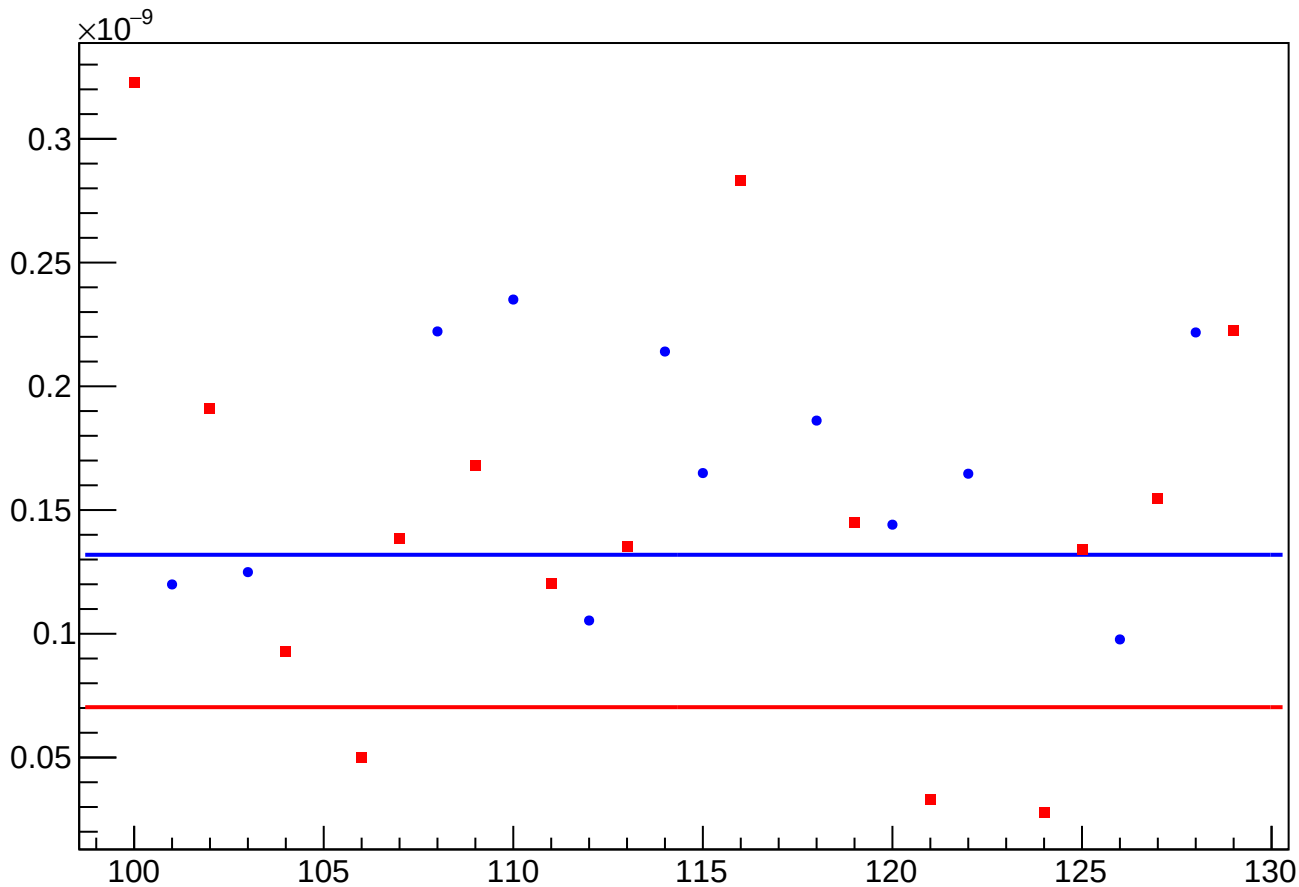
Right: -0.000 $\pm$ 0.000 χ^2/NDF : 31.1/26

In: 0.000 $\pm$ 0.000 χ^2/NDF : 13.2/11

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 31.1/26

asym_atr1l2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 364572.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

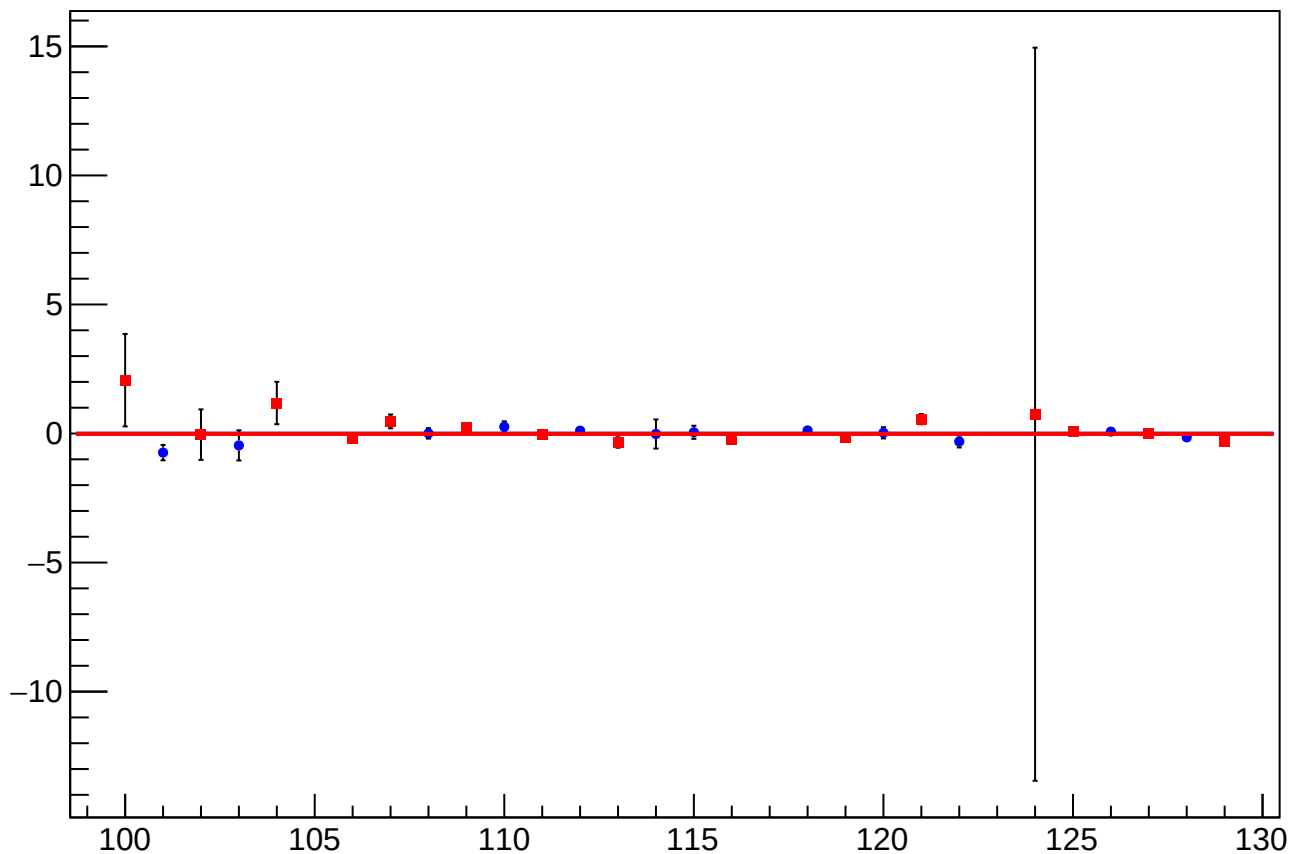
Right: 0.000+/-0.000 χ^2/NDF : 2876811.0/26

In: 0.000+/-0.000 χ^2/NDF : 364572.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2876811.0/26

asym_atr1l2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 ± 0.063 $\chi^2/\text{NDF}: 11.9/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.016 ± 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 $\chi^2/\text{NDF}: 0.0/0$

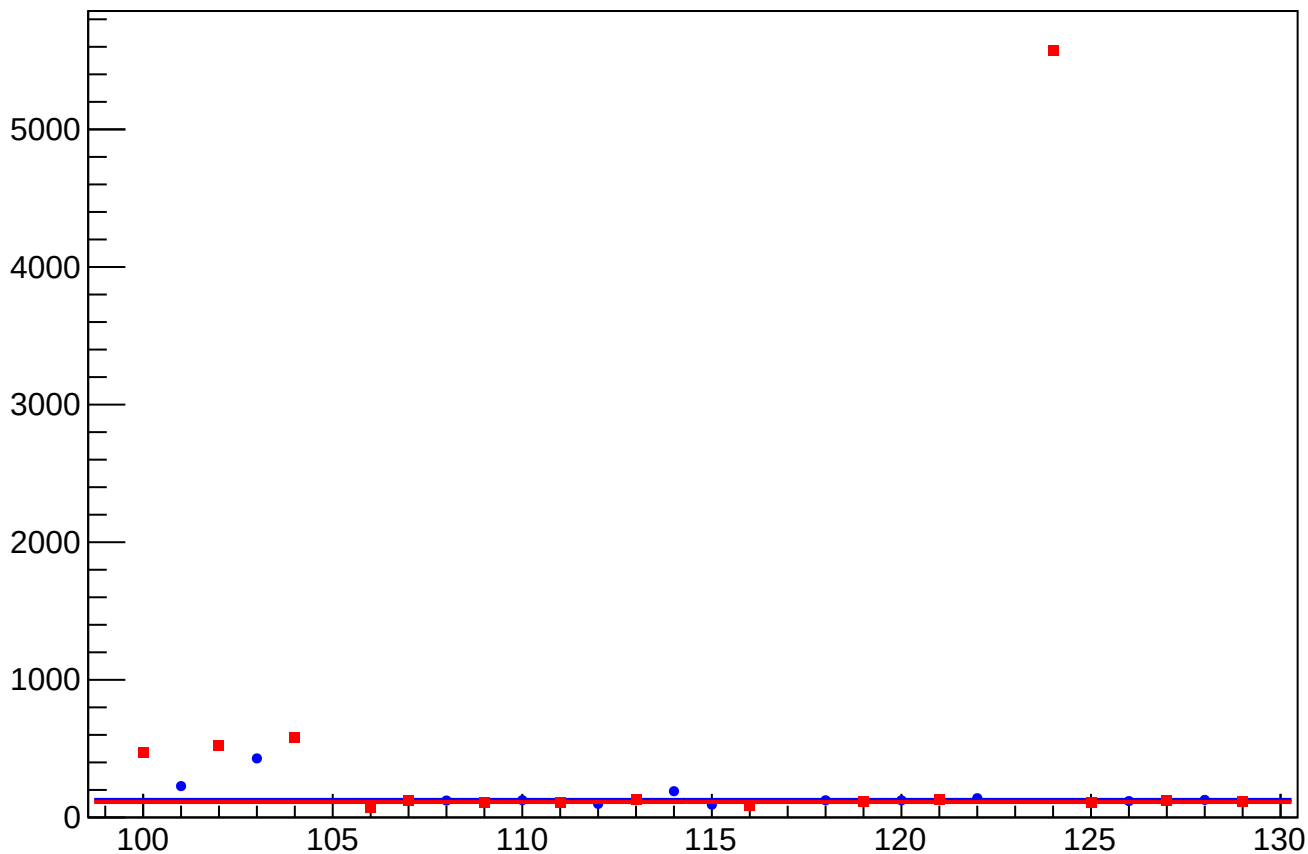
Right: -0.011 ± 0.041 $\chi^2/\text{NDF}: 38.4/26$

In: -0.004 ± 0.063 $\chi^2/\text{NDF}: 11.9/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.011 ± 0.041 $\chi^2/\text{NDF}: 38.4/26$

asym_atr1l2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 127.739+/-0.044 χ^2/NDF : 910082.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

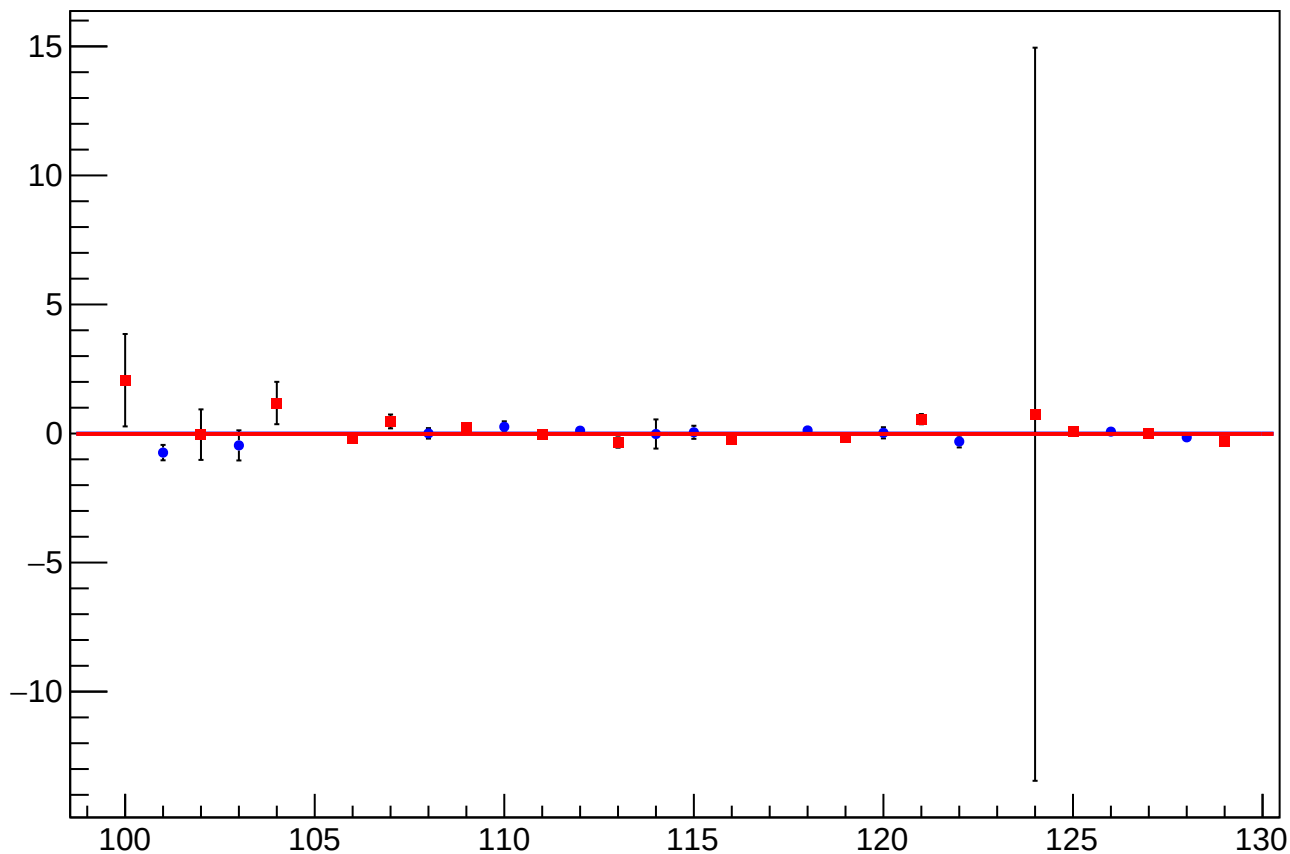
Right: 118.655+/-0.029 χ^2/NDF : 2599756.5/26

In: 127.739+/-0.044 χ^2/NDF : 910082.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.655+/-0.029 χ^2/NDF : 2599756.5/26

asym_atr1l2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 ± 0.063 χ^2/NDF : 11.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.016 ± 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

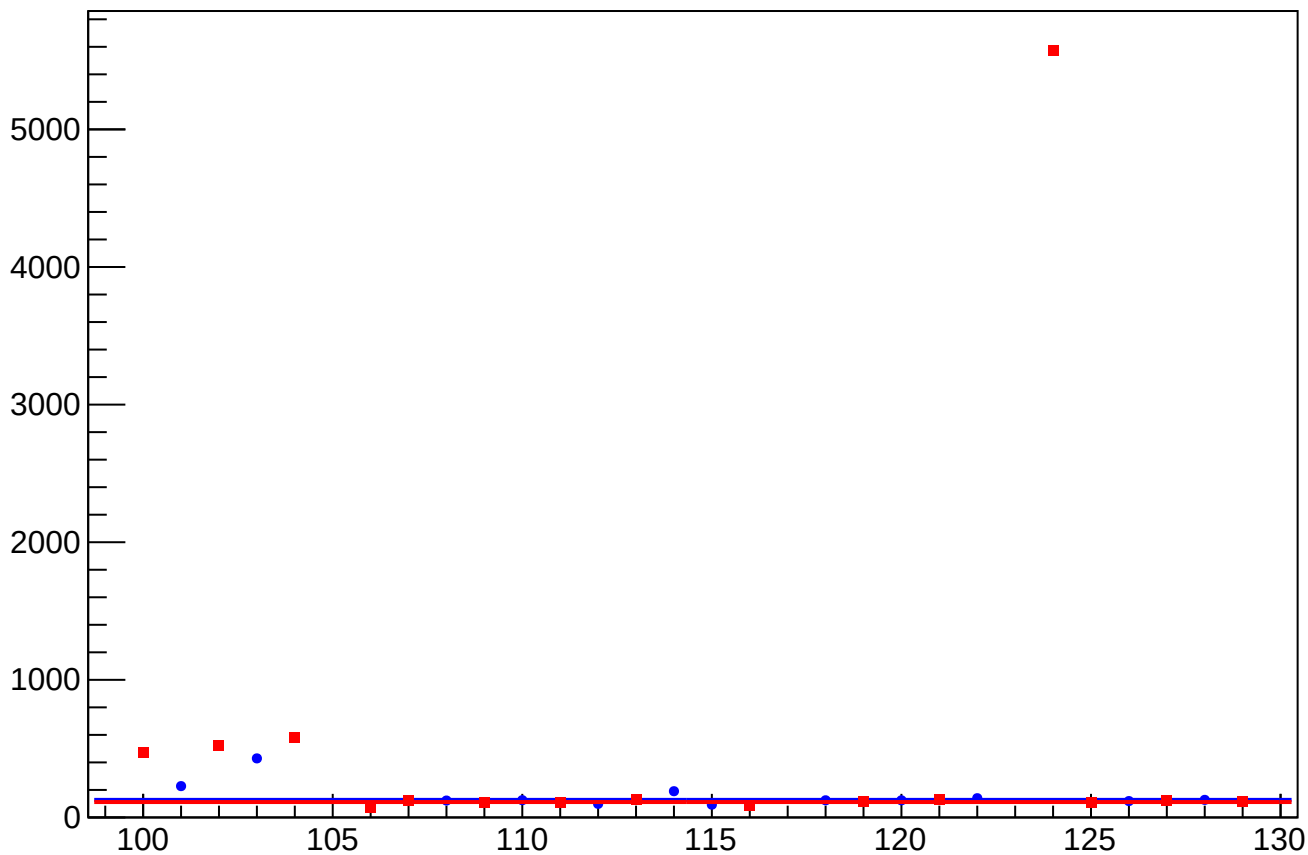
Right: -0.011 ± 0.041 χ^2/NDF : 38.4/26

In: -0.004 ± 0.063 χ^2/NDF : 11.9/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.041 χ^2/NDF : 38.4/26

asym_atr1l2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 127.739+/-0.044 χ^2/NDF : 910082.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

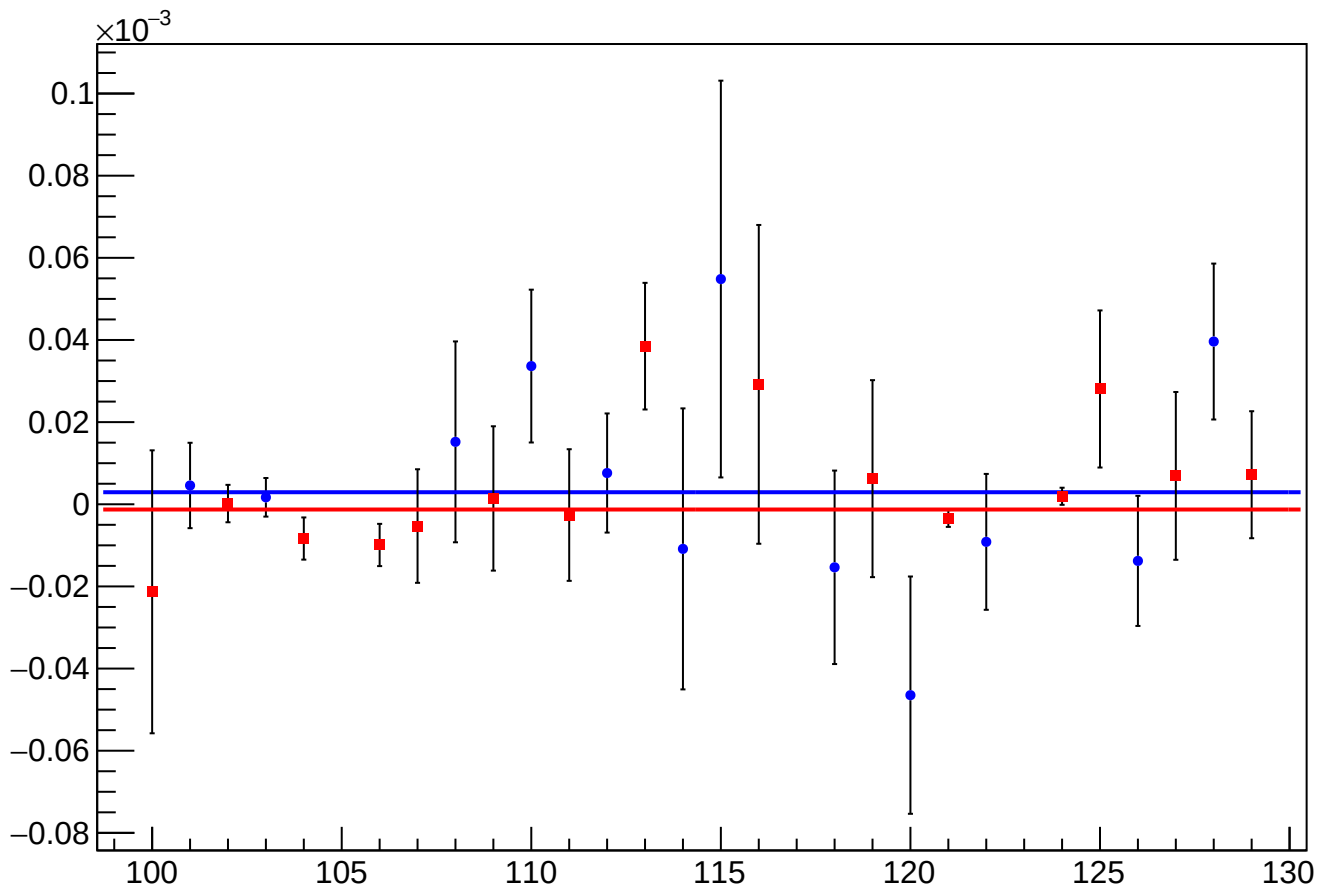
Right: 118.655+/-0.029 χ^2/NDF : 2599756.5/26

In: 127.739+/-0.044 χ^2/NDF : 910082.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.655+/-0.029 χ^2/NDF : 2599756.5/26

asym_atr1l2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 13.4/11

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

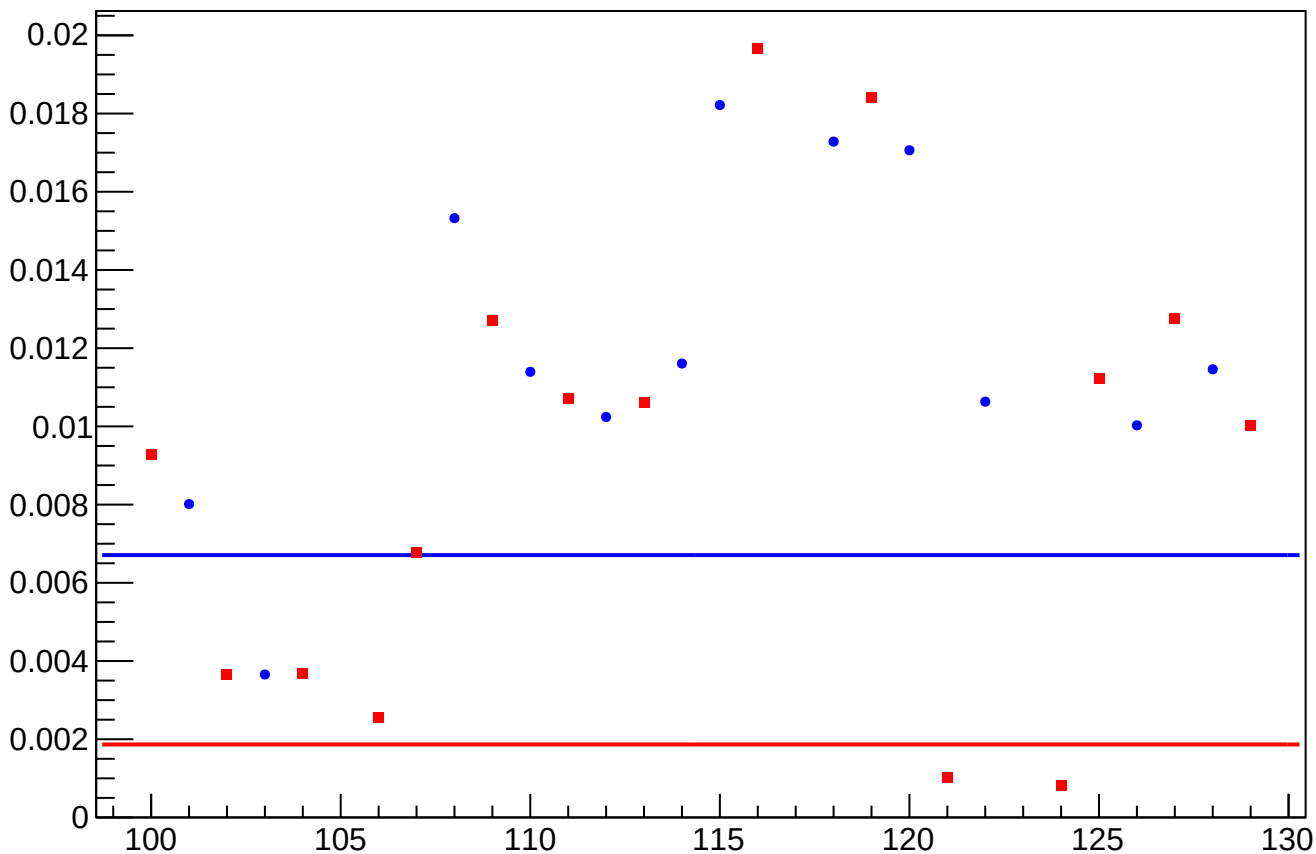
Right: -0.000 ± 0.000 χ^2/NDF : 33.6/26

In: 0.000 ± 0.000 χ^2/NDF : 13.4/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 33.6/26

asym_atr1l2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 2509170.5/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 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

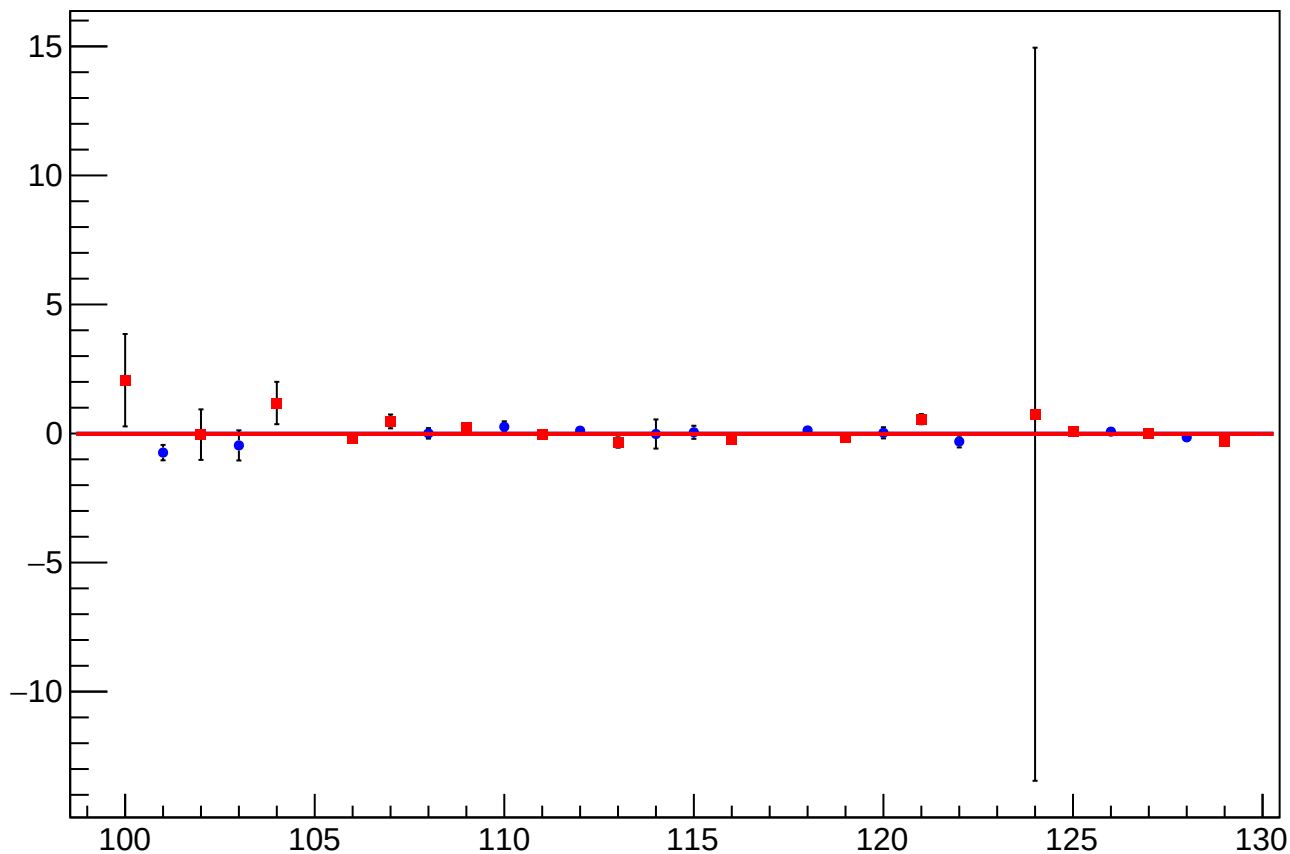
Right: 0.002+/-0.000 χ^2/NDF : 12573440.5/26

In: 0.007+/-0.000 χ^2/NDF :2509170.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 12573440.5/26

asym_atr1l2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 ± 0.063 χ^2/NDF : 11.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.016 ± 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

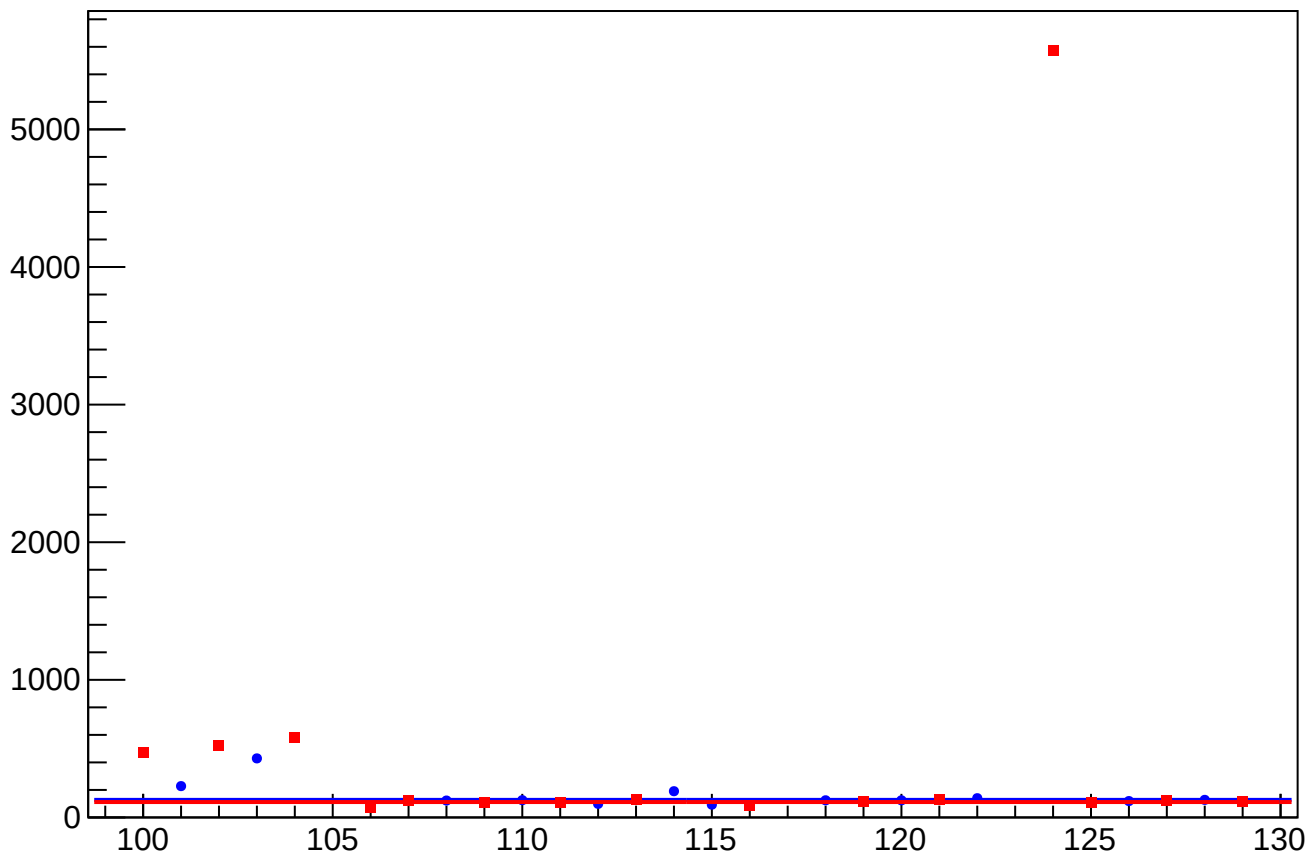
Right: -0.011 ± 0.041 χ^2/NDF : 38.4/26

In: -0.004 ± 0.063 χ^2/NDF : 11.9/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.041 χ^2/NDF : 38.4/26

asym_atr1l2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 127.741+/-0.044 χ^2/NDF : 910033.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

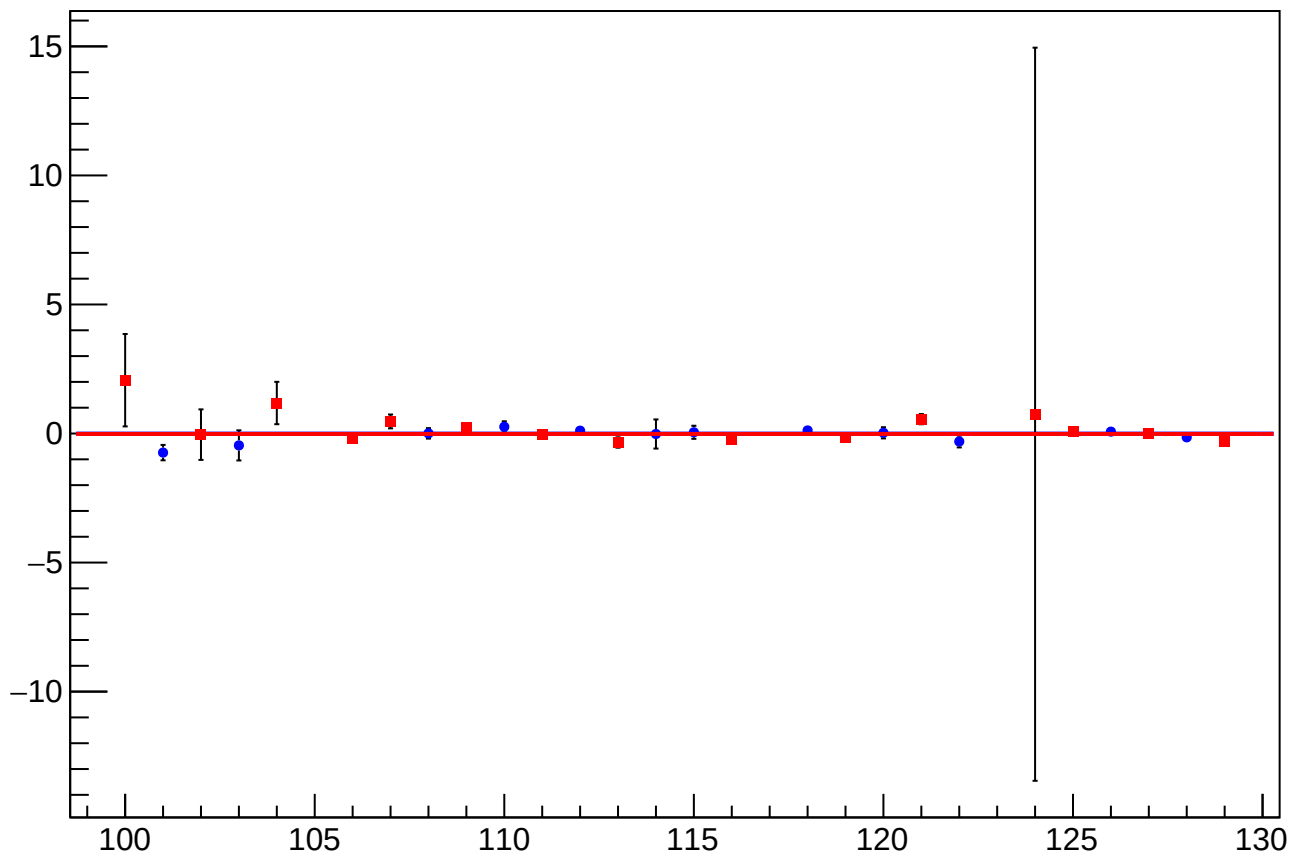
Right: 118.656+/-0.029 χ^2/NDF : 2599675.0/26

In: 127.741+/-0.044 χ^2/NDF : 910033.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.656+/-0.029 χ^2/NDF : 2599675.0/26

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 ± 0.063 χ^2/NDF : 11.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.016 ± 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

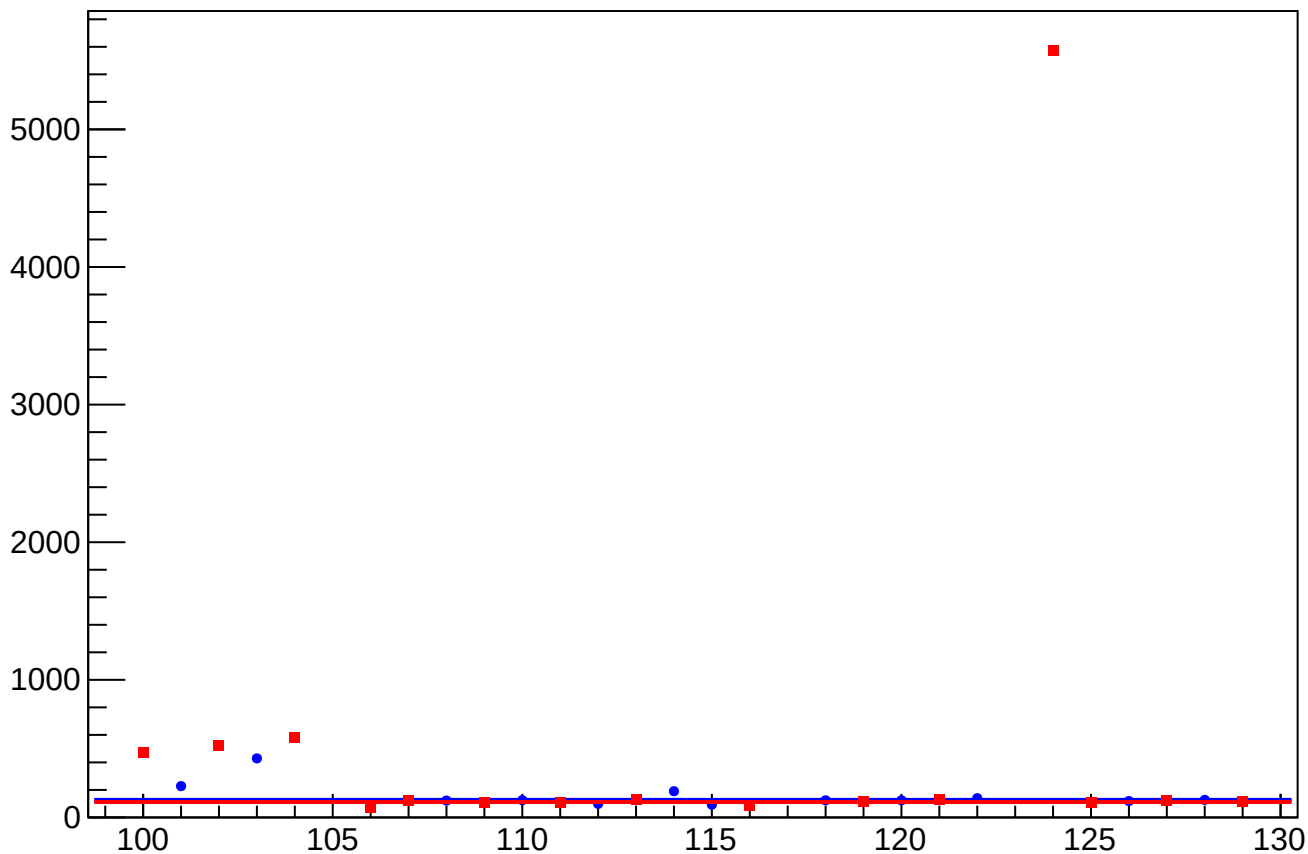
Right: -0.011 ± 0.041 χ^2/NDF : 38.4/26

In: -0.004 ± 0.063 χ^2/NDF : 11.9/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.041 χ^2/NDF : 38.4/26

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 127.741+/-0.044 χ^2/NDF : 910033.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

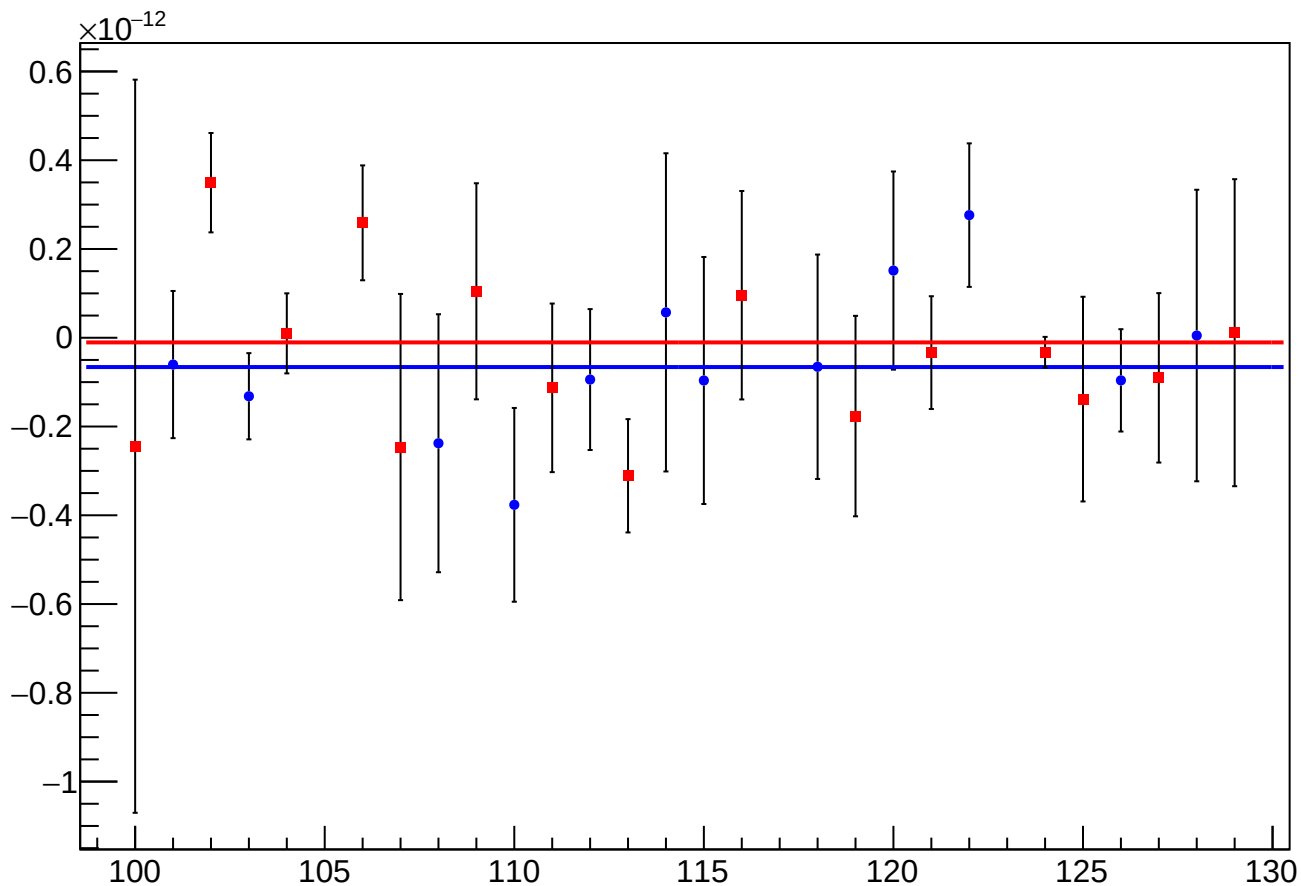
Right: 118.656+/-0.029 χ^2/NDF : 2599675.0/26

In: 127.741+/-0.044 χ^2/NDF : 910033.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.656+/-0.029 χ^2/NDF : 2599675.0/26

asym_atr1l2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 23.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

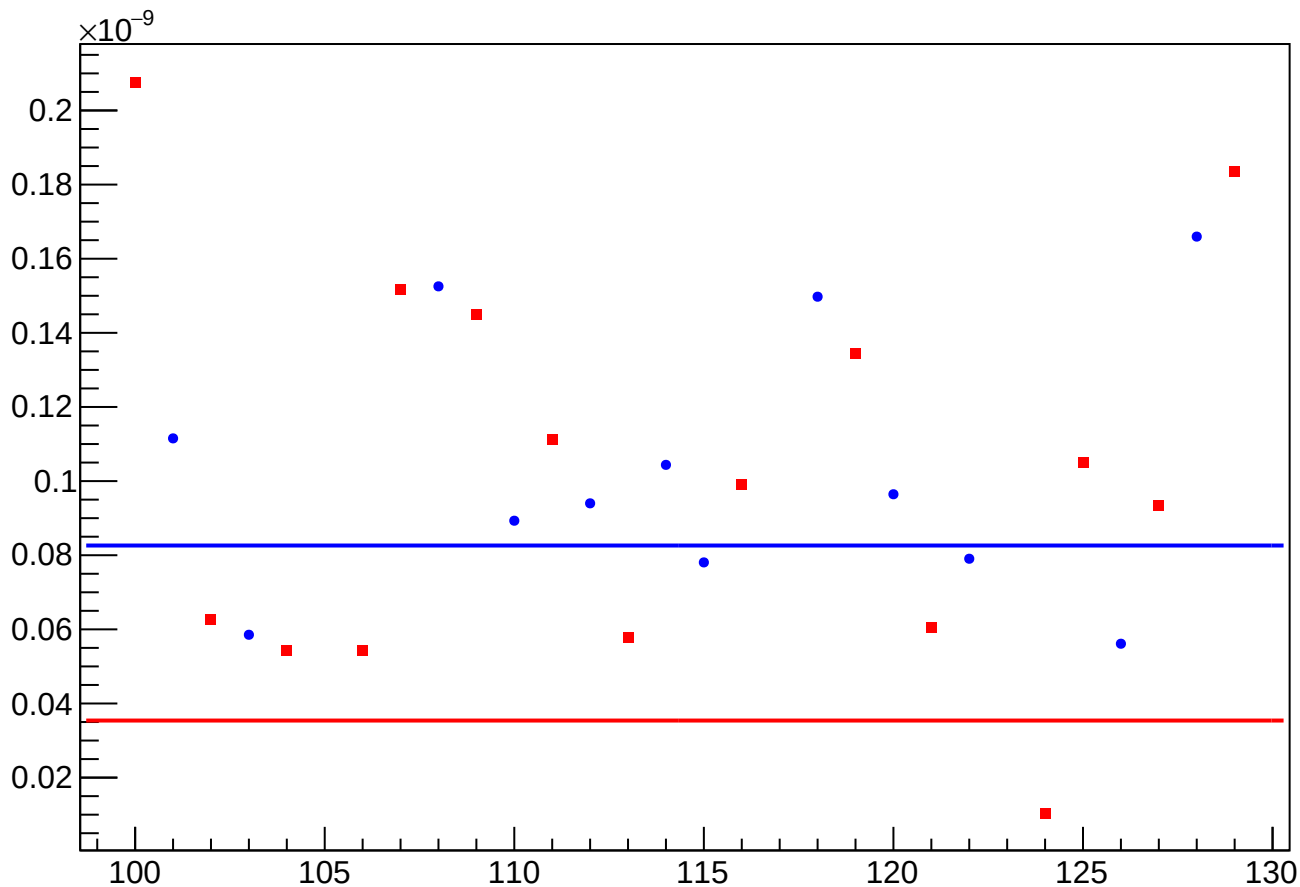
Right: -0.000+/-0.000 χ^2/NDF : 32.5/26

In: -0.000+/-0.000 χ^2/NDF : 8.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.5/26

asym_atr1l2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 703648.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

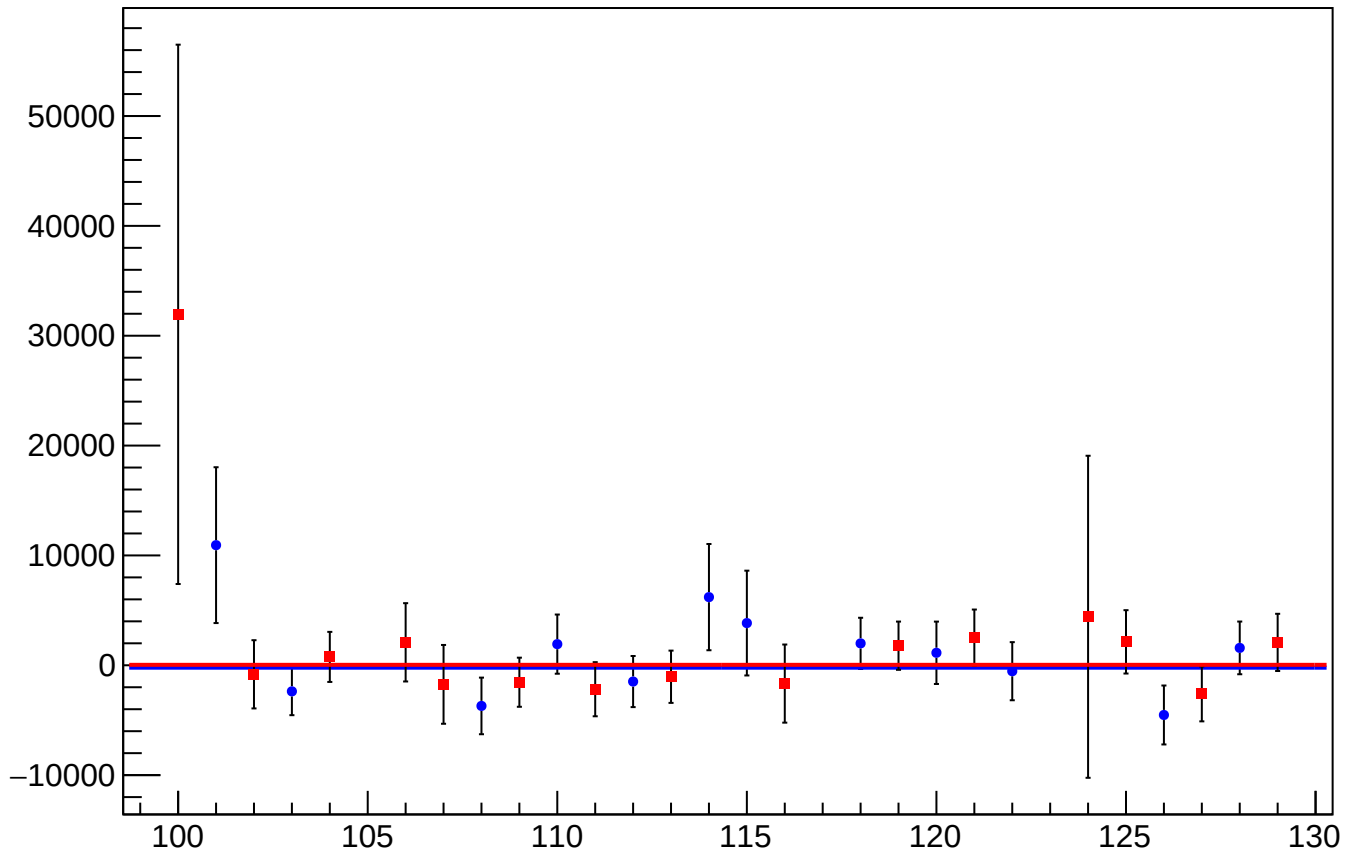
Right: 0.000+/-0.000 χ^2/NDF : 5820535.7/26

In: 0.000+/-0.000 χ^2/NDF : 703648.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5820535.7/26

reg_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -219.642+/-801.614 χ^2 /NDF: 13.0/11

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

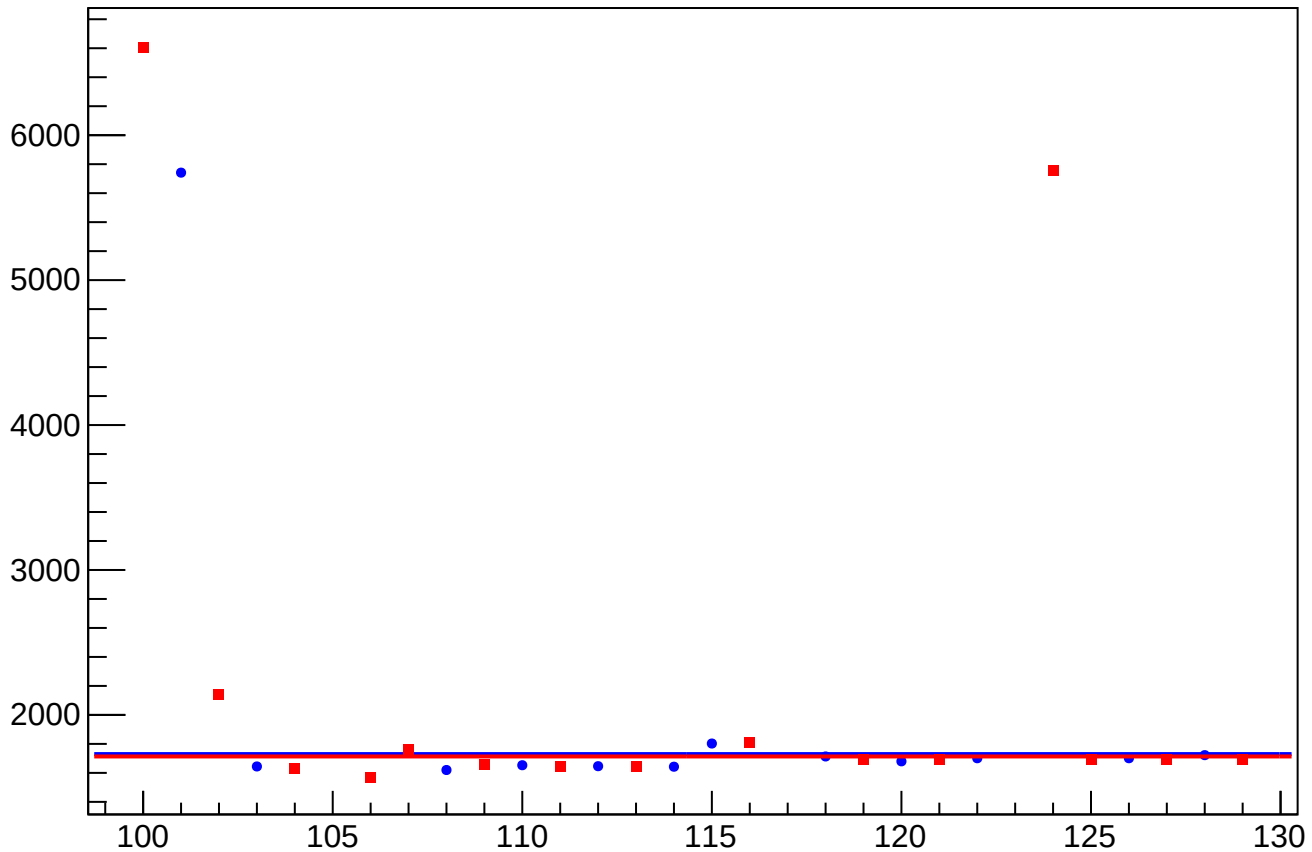
Right: -77.344+/-540.463 χ^2 /NDF: 21.2/26

In: -219.642+/-801.614 χ^2 /NDF:13.0/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -77.344+/-540.463 χ^2 /NDF: 21.2/26

reg_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1729.692+/-0.567 χ^2/NDF : 653108.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

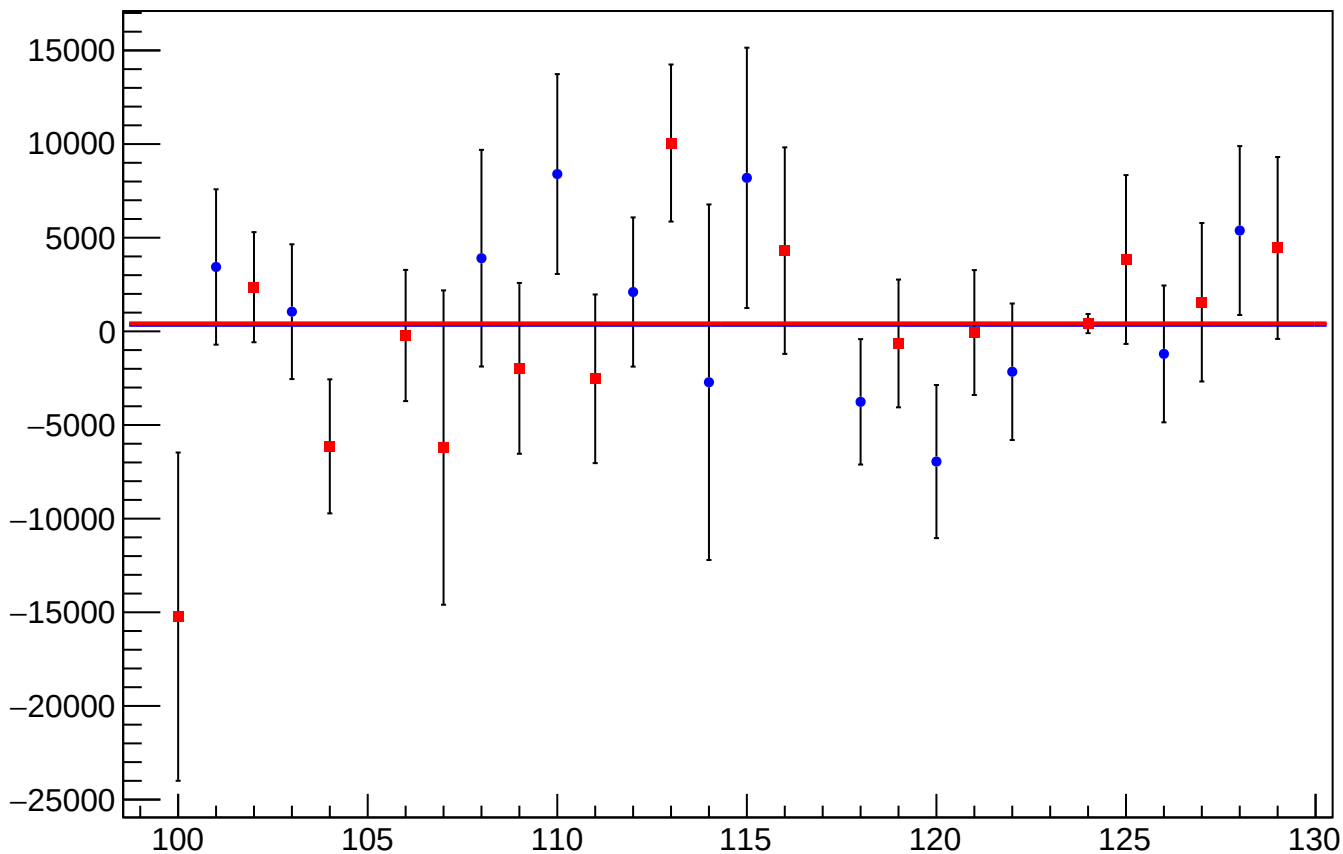
Right: 1720.668+/-0.380 χ^2/NDF : 937624.3/26

In: 1729.692+/-0.567 χ^2/NDF : 653108.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1720.668+/-0.380 χ^2/NDF : 937624.3/26

asym_atr1l2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 349.236+/-1246.522 χ^2/NDF : 11.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

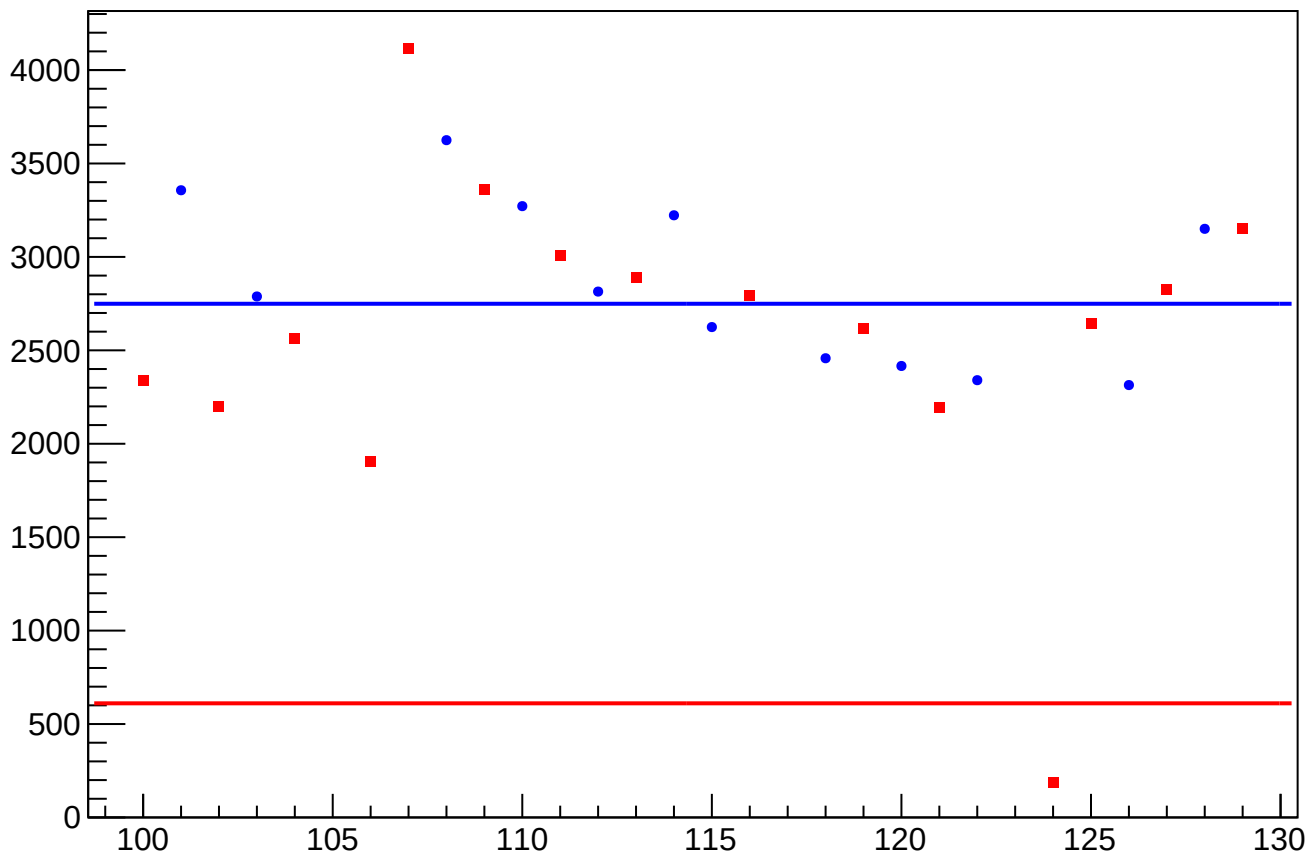
Right: 416.481+/-435.261 χ^2/NDF : 27.0/26

In: 349.236+/-1246.522 χ^2/NDF : 11.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 416.481+/-435.261 χ^2/NDF : 27.0/26

asym_atr1l2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2749.243 $\pm$ 0.881 χ^2 /NDF: 212086.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 610.821 $\pm$ 0.328 χ^2 /NDF: 8081478.9/14

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

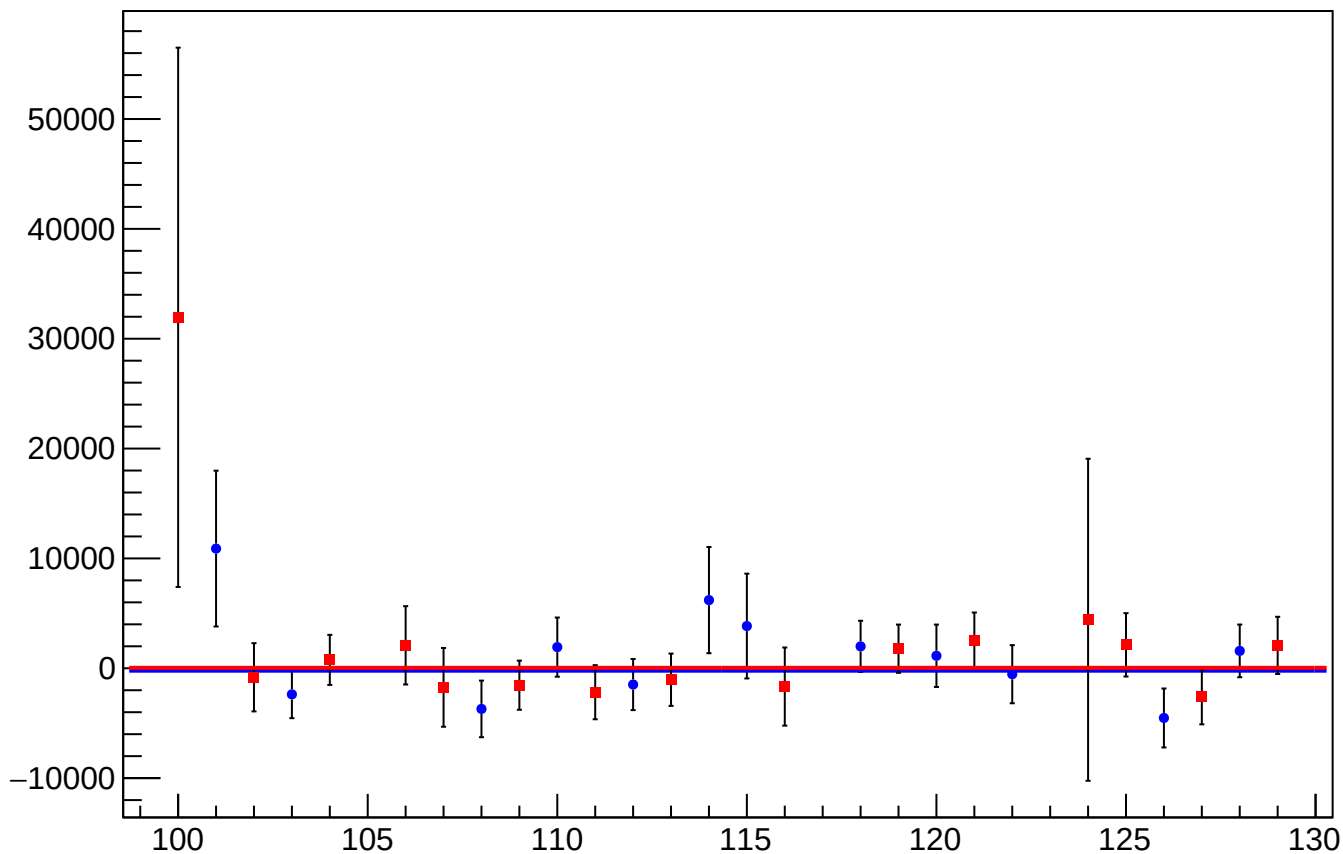
Right: 871.552 $\pm$ 0.308 χ^2 /NDF: 13461860.1/26

In: 2749.243 $\pm$ 0.881 χ^2 /NDF:212086.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 871.552 $\pm$ 0.308 χ^2 /NDF: 13461860.1/26

cor_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -220.278+/-801.614 χ^2 /NDF: 13.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 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

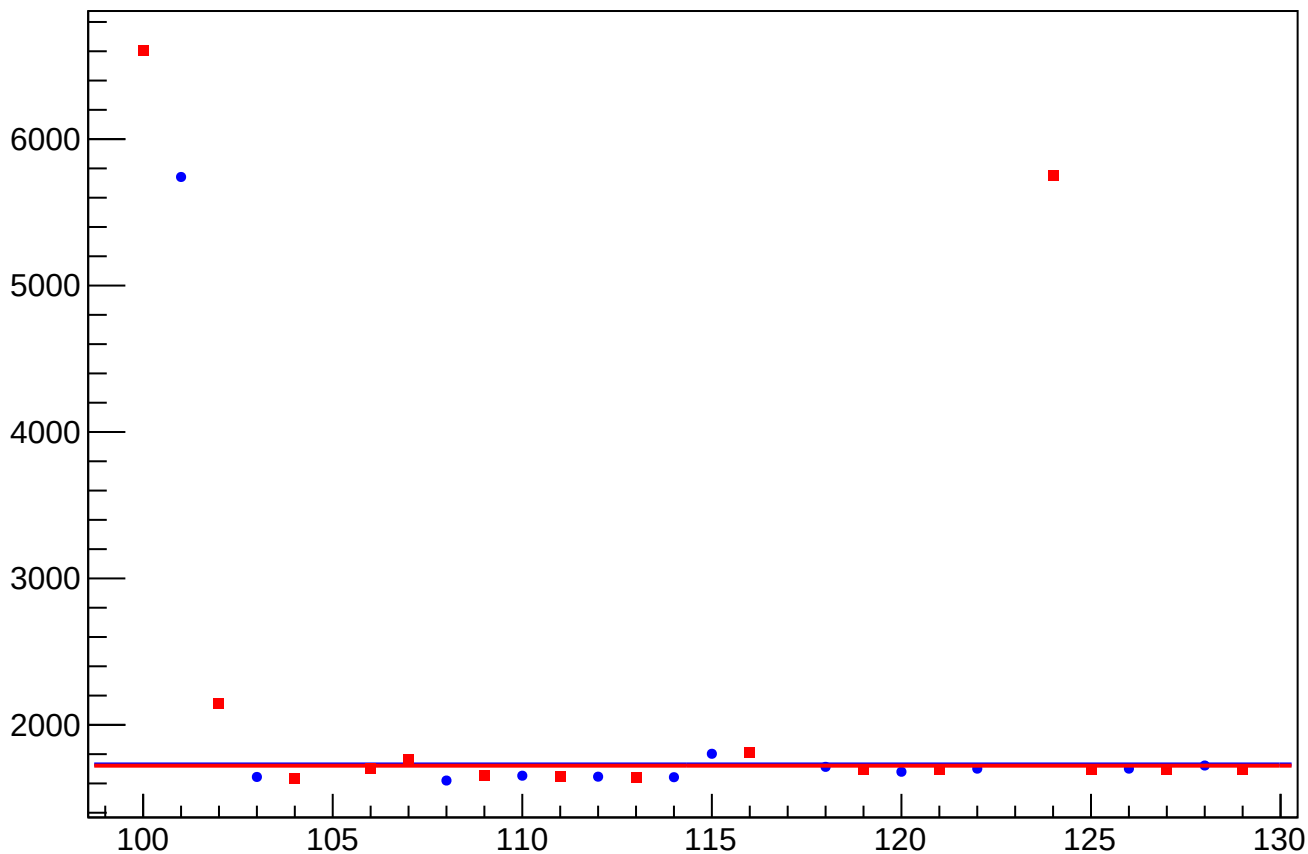
Right: -77.572+/-540.463 χ^2 /NDF: 21.1/26

In: -220.278+/-801.614 χ^2 /NDF:13.0/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -77.572+/-540.463 χ^2 /NDF: 21.1/26

cor_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1729.692+/-0.567 χ^2/NDF : 653108.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

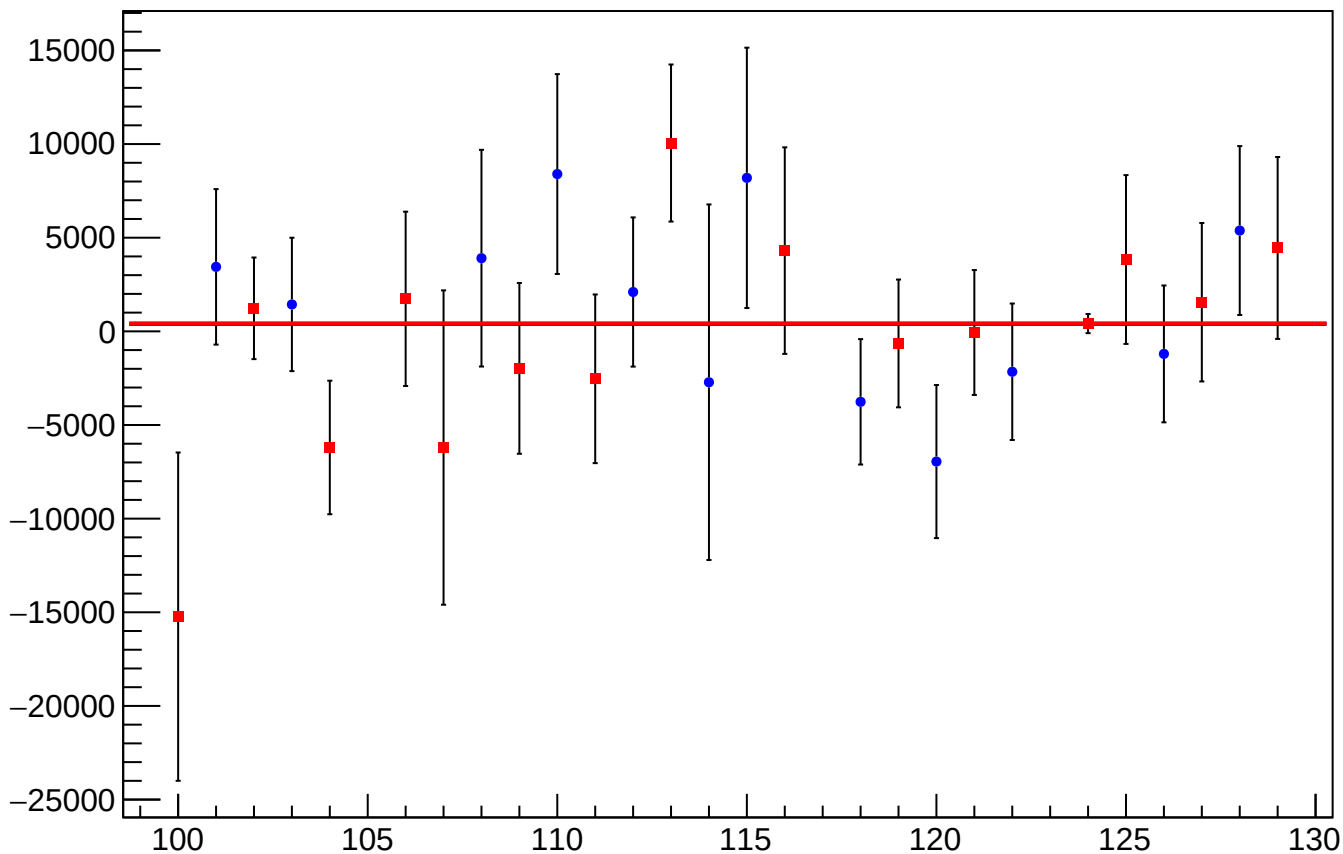
Right: 1725.145+/-0.381 χ^2/NDF : 932291.7/26

In: 1729.692+/-0.567 χ^2/NDF : 653108.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1725.145+/-0.381 χ^2/NDF : 932291.7/26

asym_atr1l2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 398.174+/-1245.017 χ^2/NDF : 11.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

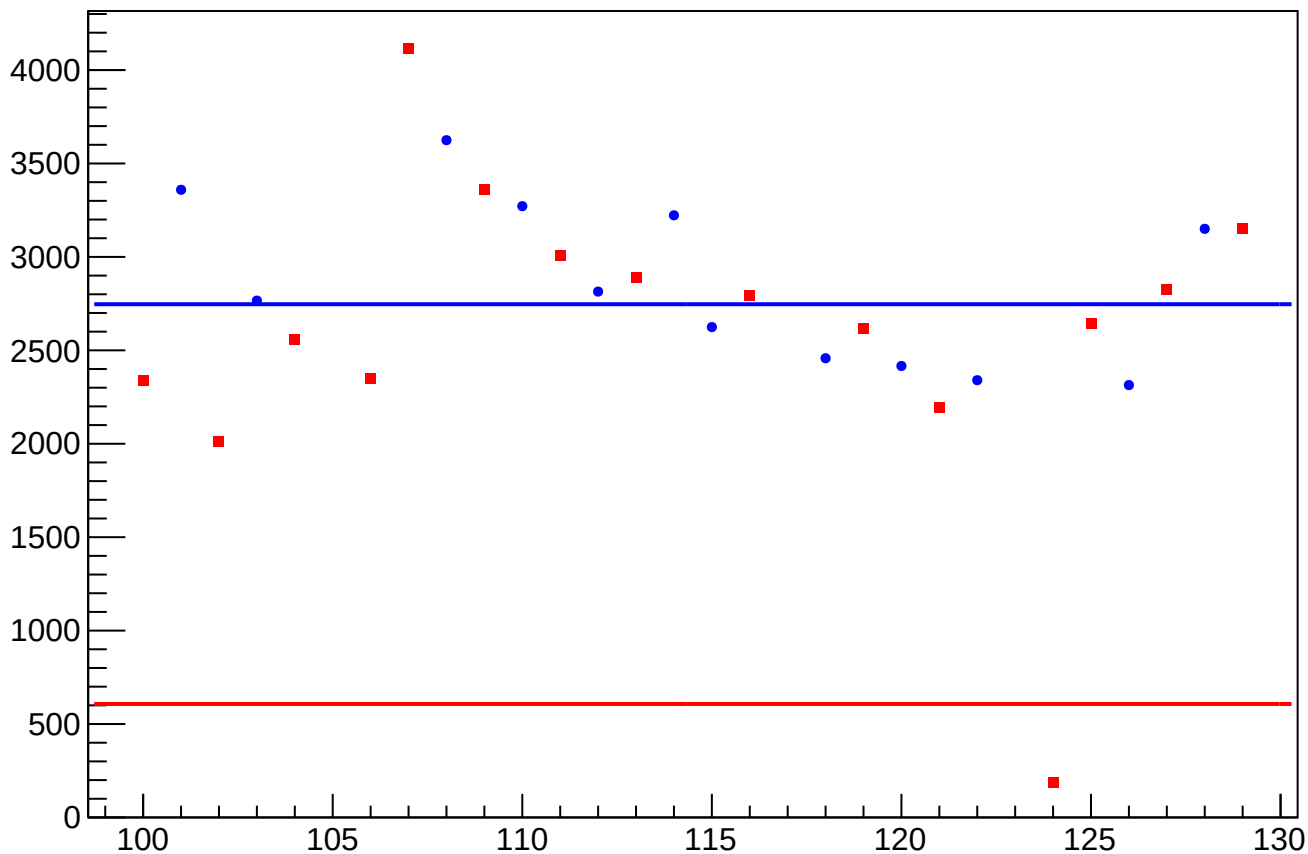
Right: 420.622+/-435.981 χ^2/NDF : 26.8/26

In: 398.174+/-1245.017 χ^2/NDF : 11.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 420.622+/-435.981 χ^2/NDF : 26.8/26

asym_atr1l2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2746.799+/-0.880 χ^2/NDF : 212196.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

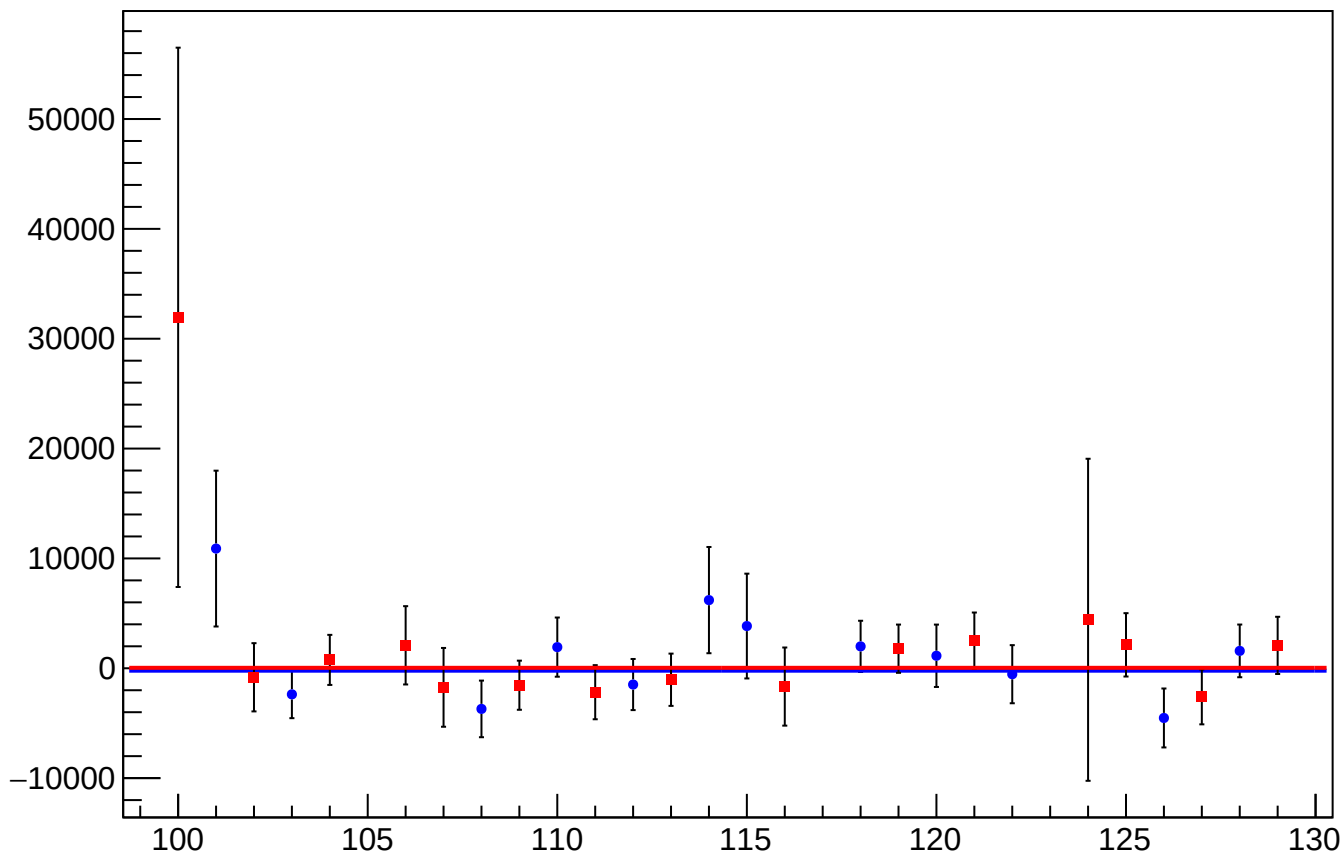
Right: 869.705+/-0.308 χ^2/NDF : 13427434.4/26

In: 2746.799+/-0.880 χ^2/NDF : 212196.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 869.705+/-0.308 χ^2/NDF : 13427434.4/26

eigen_cor_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -220.278+/-801.614 χ^2 /NDF: 13.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 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

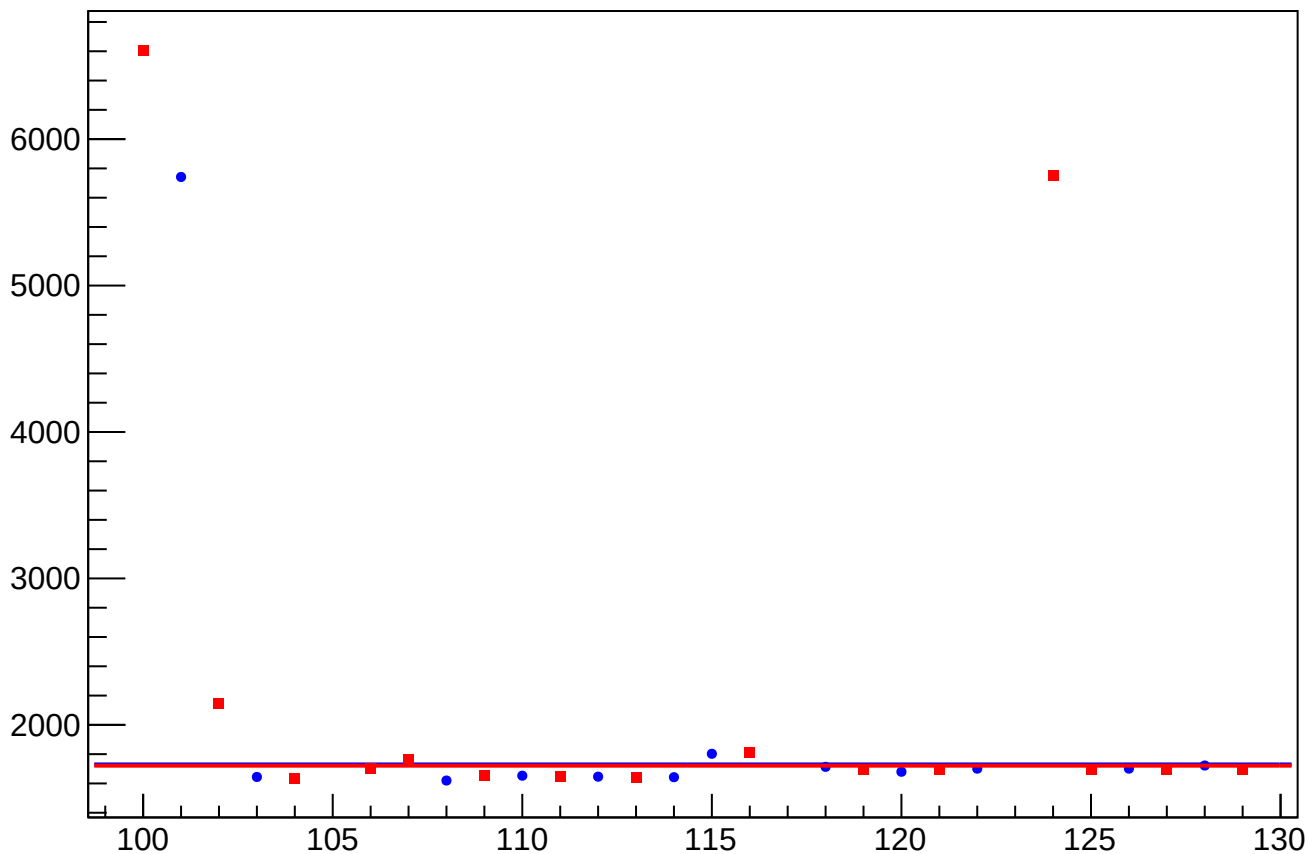
Right: -77.572+/-540.463 χ^2 /NDF: 21.1/26

In: -220.278+/-801.614 χ^2 /NDF:13.0/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -77.572+/-540.463 χ^2 /NDF: 21.1/26

eigen_cor_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1729.692+/-0.567 χ^2/NDF : 653108.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

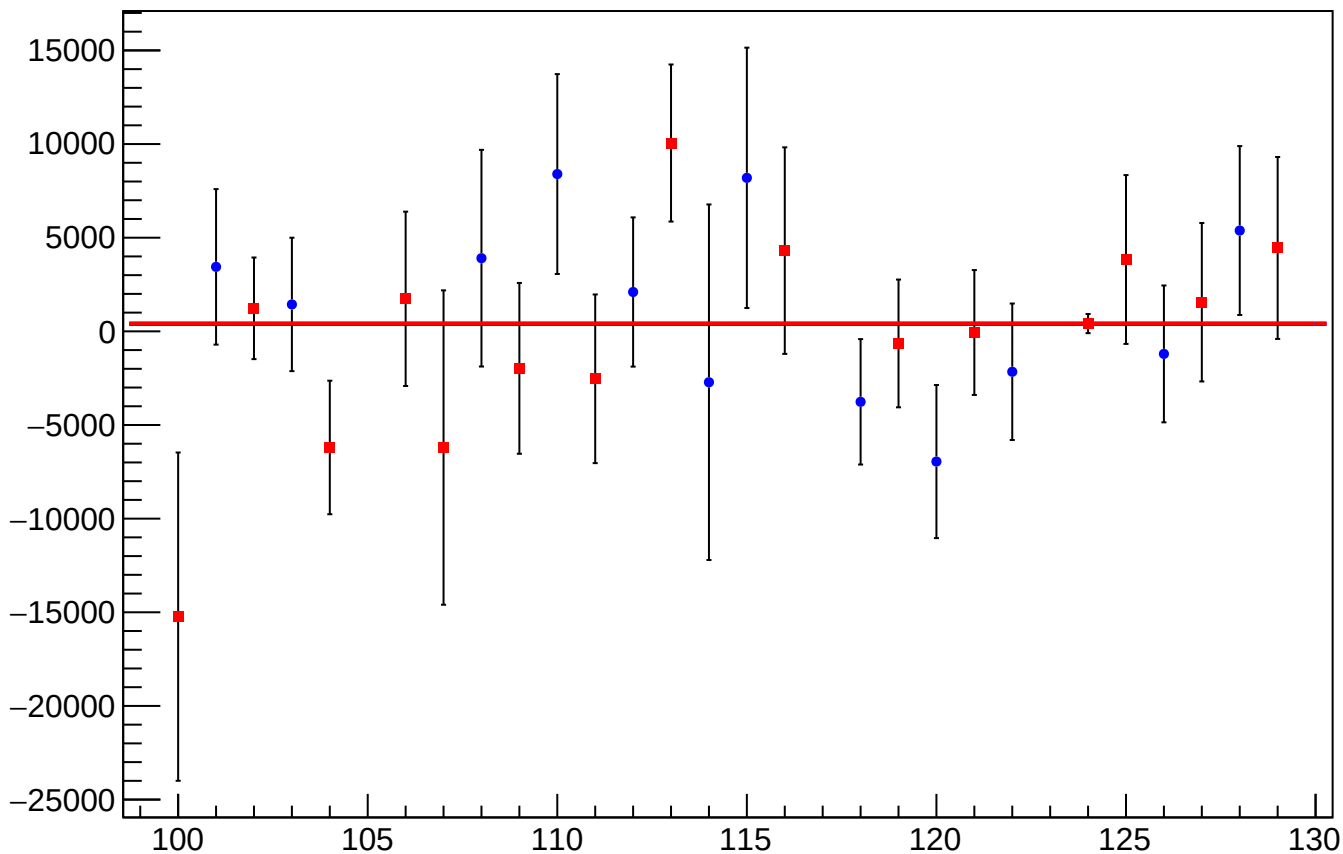
Right: 1725.145+/-0.381 χ^2/NDF : 932291.7/26

In: 1729.692+/-0.567 χ^2/NDF : 653108.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1725.145+/-0.381 χ^2/NDF : 932291.7/26

asym_atr1l2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 398.174+/-1245.017 χ^2/NDF : 11.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

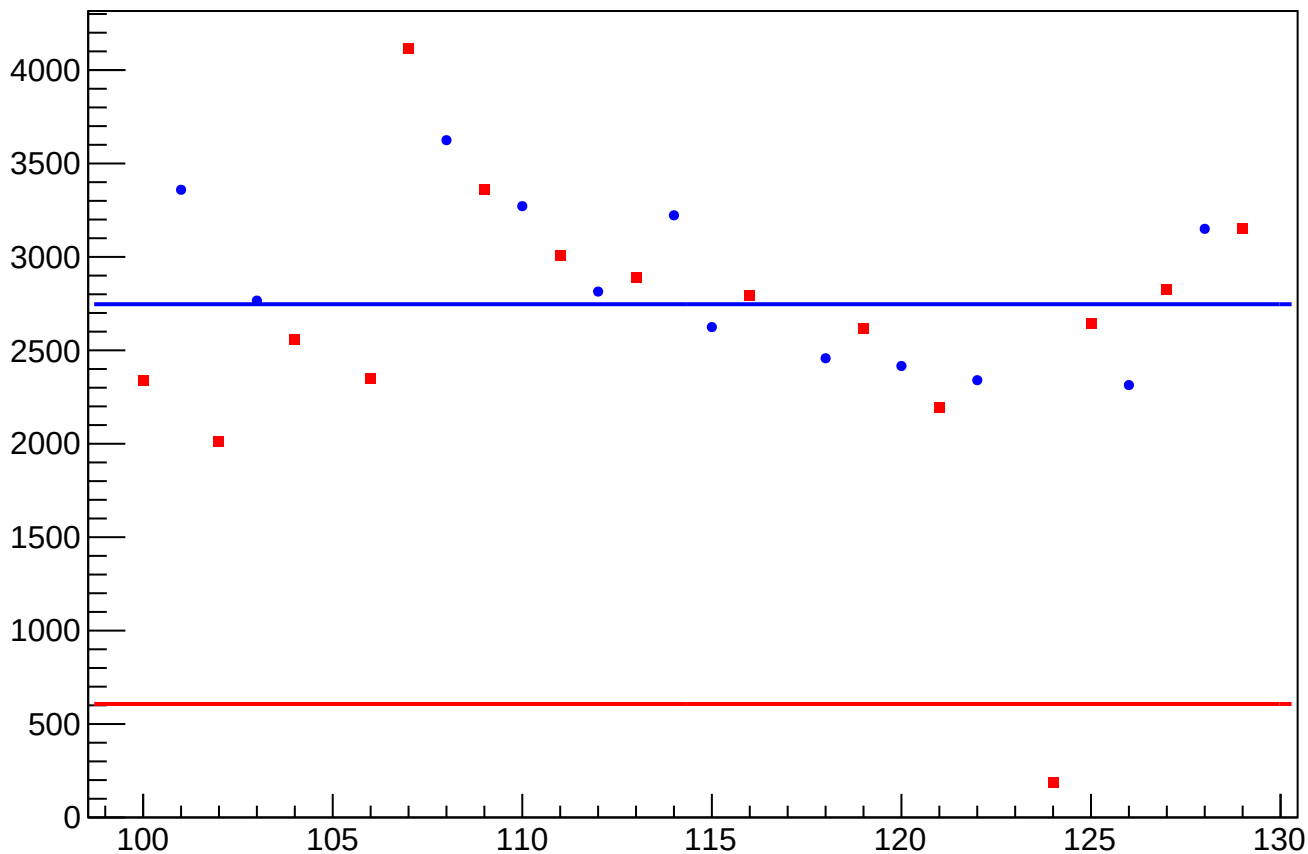
Right: 420.622+/-435.981 χ^2/NDF : 26.8/26

In: 398.174+/-1245.017 χ^2/NDF : 11.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 420.622+/-435.981 χ^2/NDF : 26.8/26

asym_atr1l2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2746.799+/-0.880 χ^2/NDF : 212196.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

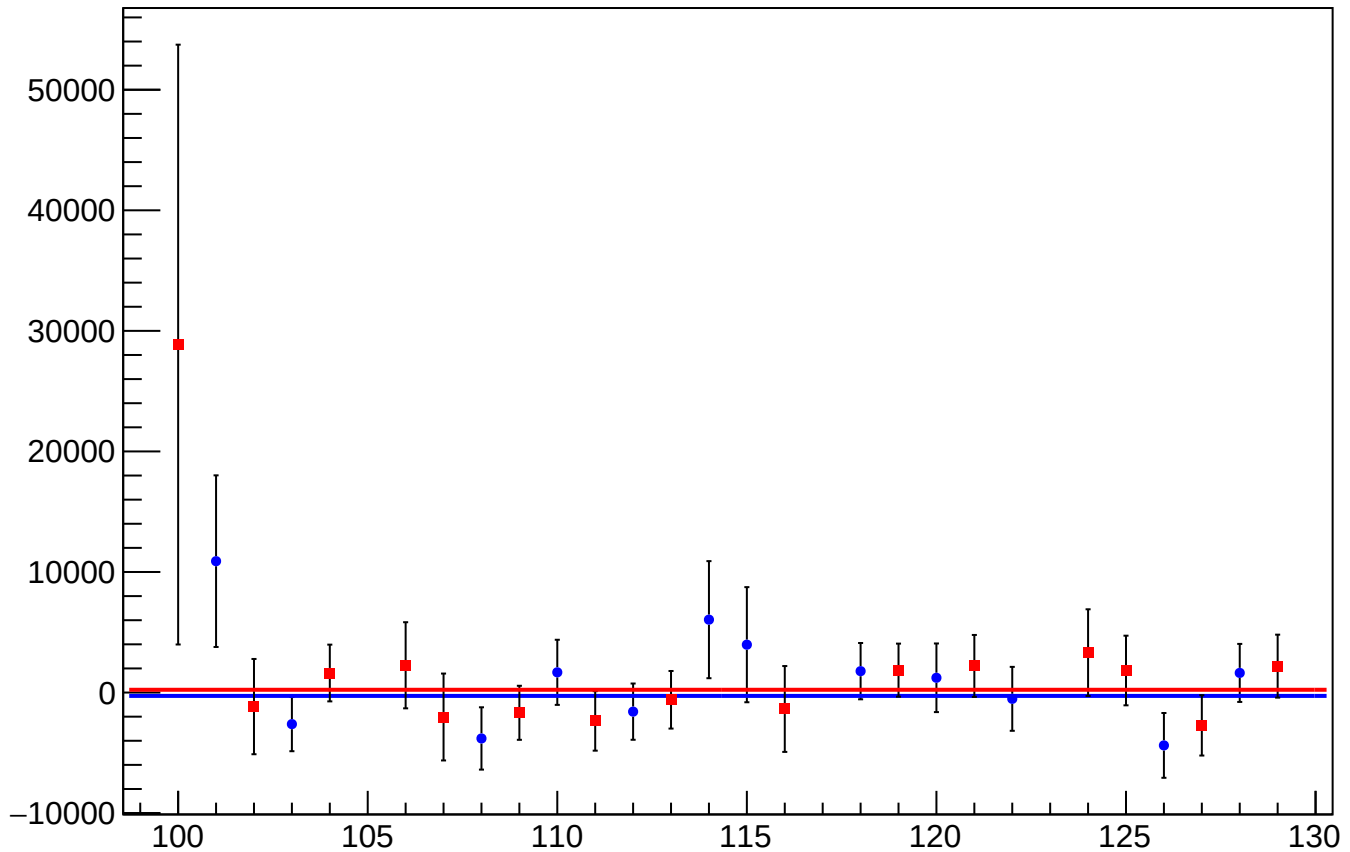
Right: 869.705+/-0.308 χ^2/NDF : 13427434.4/26

In: 2746.799+/-0.880 χ^2/NDF : 212196.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 869.705+/-0.308 χ^2/NDF : 13427434.4/26

dit_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -278.378+/-807.224 χ^2/NDF : 12.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

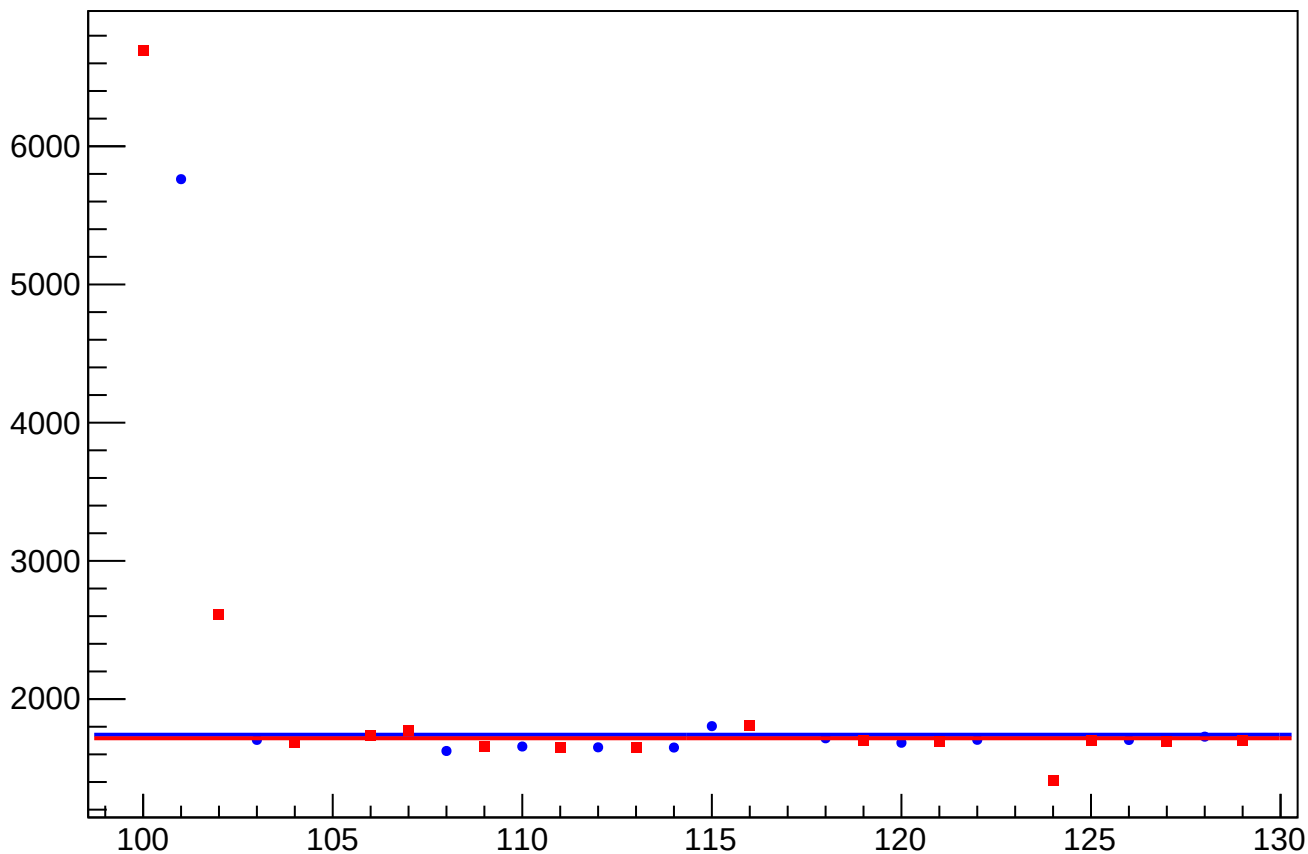
Right: 1.660+/-541.111 χ^2/NDF : 21.8/26

In: -278.378+/-807.224 χ^2/NDF : 12.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.660+/-541.111 χ^2/NDF : 21.8/26

dit_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1742.077+/-0.571 χ^2/NDF : 650536.8/11

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

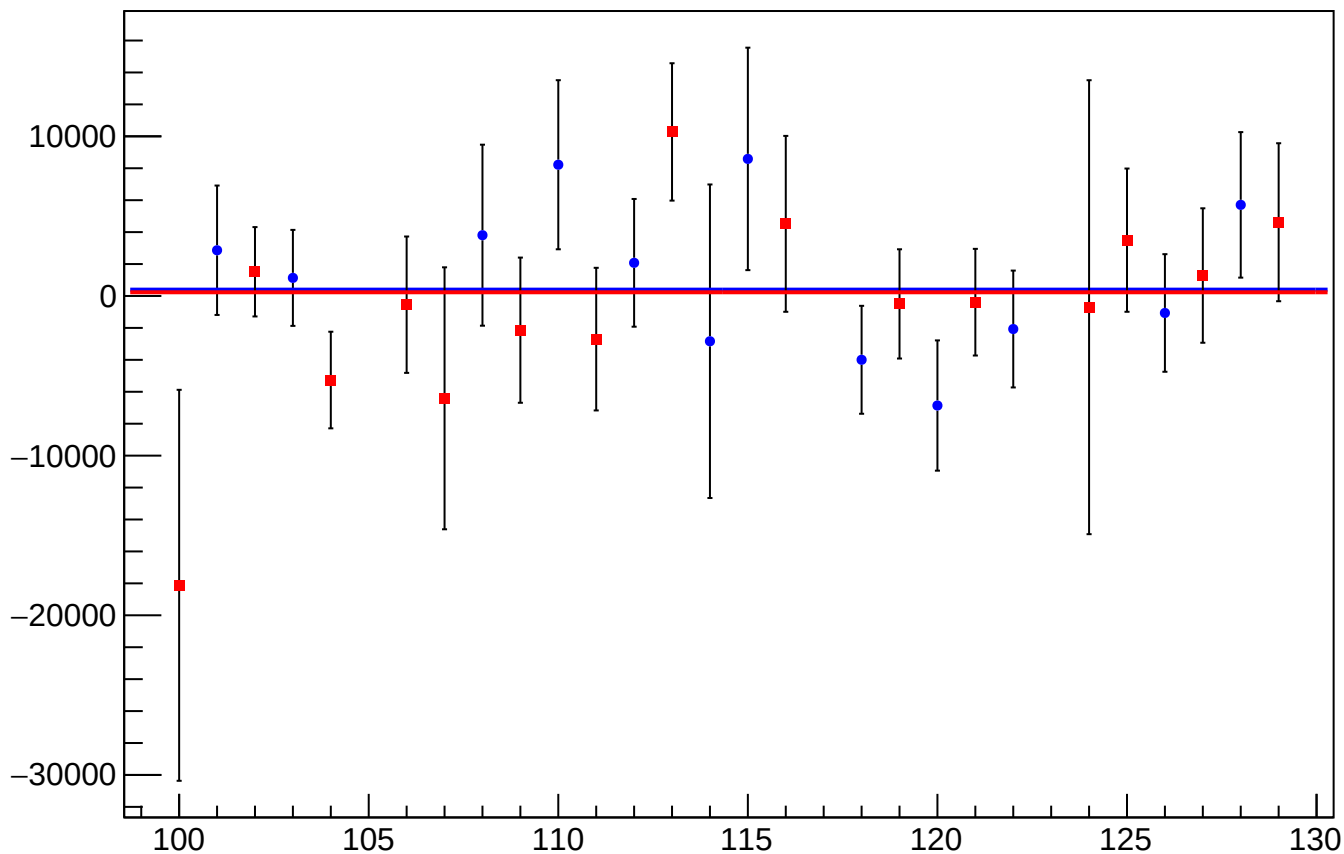
Right: 1727.934+/-0.382 χ^2/NDF : 856516.0/26

In: 1742.077+/-0.571 χ^2/NDF : 650536.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1727.934+/-0.382 χ^2/NDF : 856516.0/26

asym_atr1l2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 396.851 $\pm$ 1216.330 χ^2 /NDF: 11.5/11

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

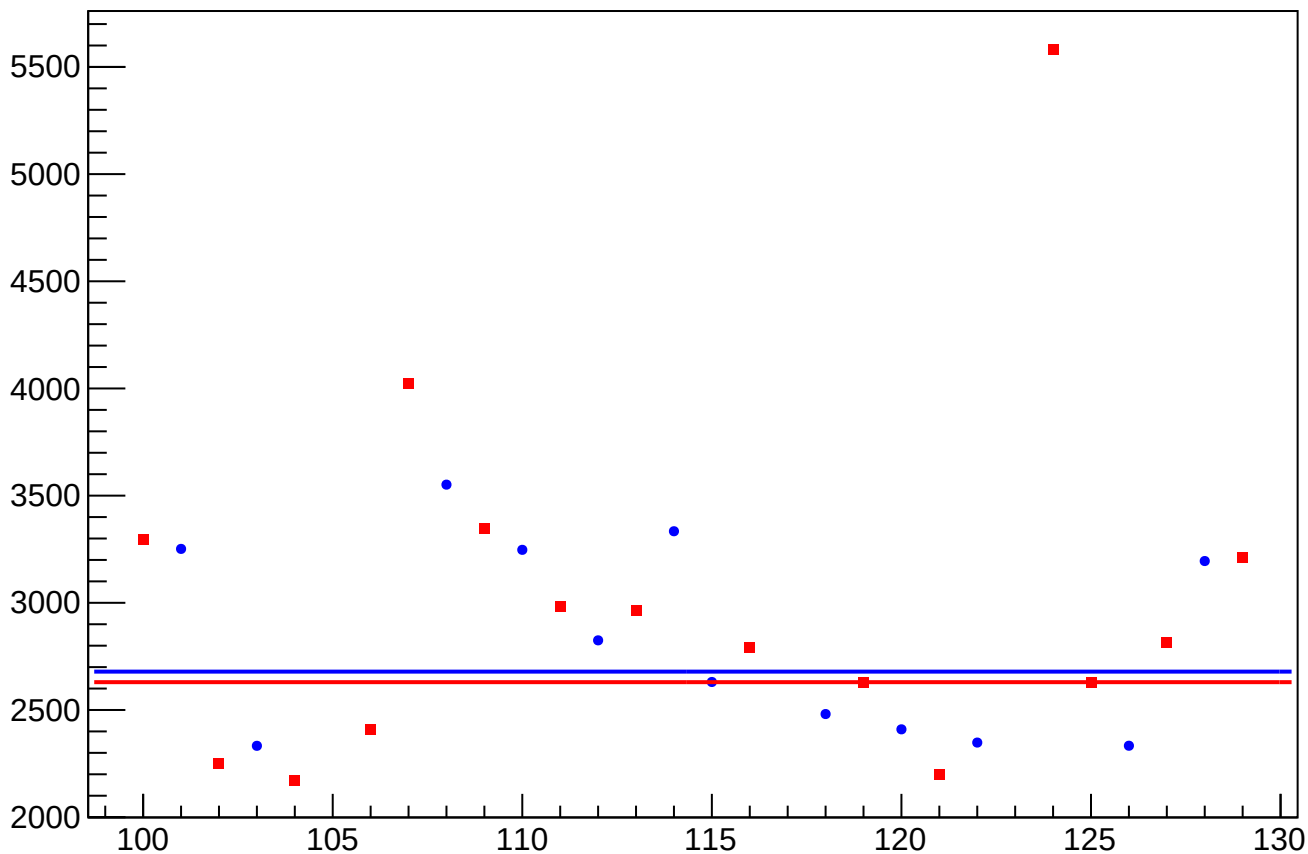
Right: 306.244 $\pm$ 816.063 χ^2 /NDF: 26.1/26

In: 396.851 $\pm$ 1216.330 χ^2 /NDF:11.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 306.244 $\pm$ 816.063 χ^2 /NDF: 26.1/26

asym_atr1l2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2678.999+/-0.860 χ^2/NDF : 223657.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

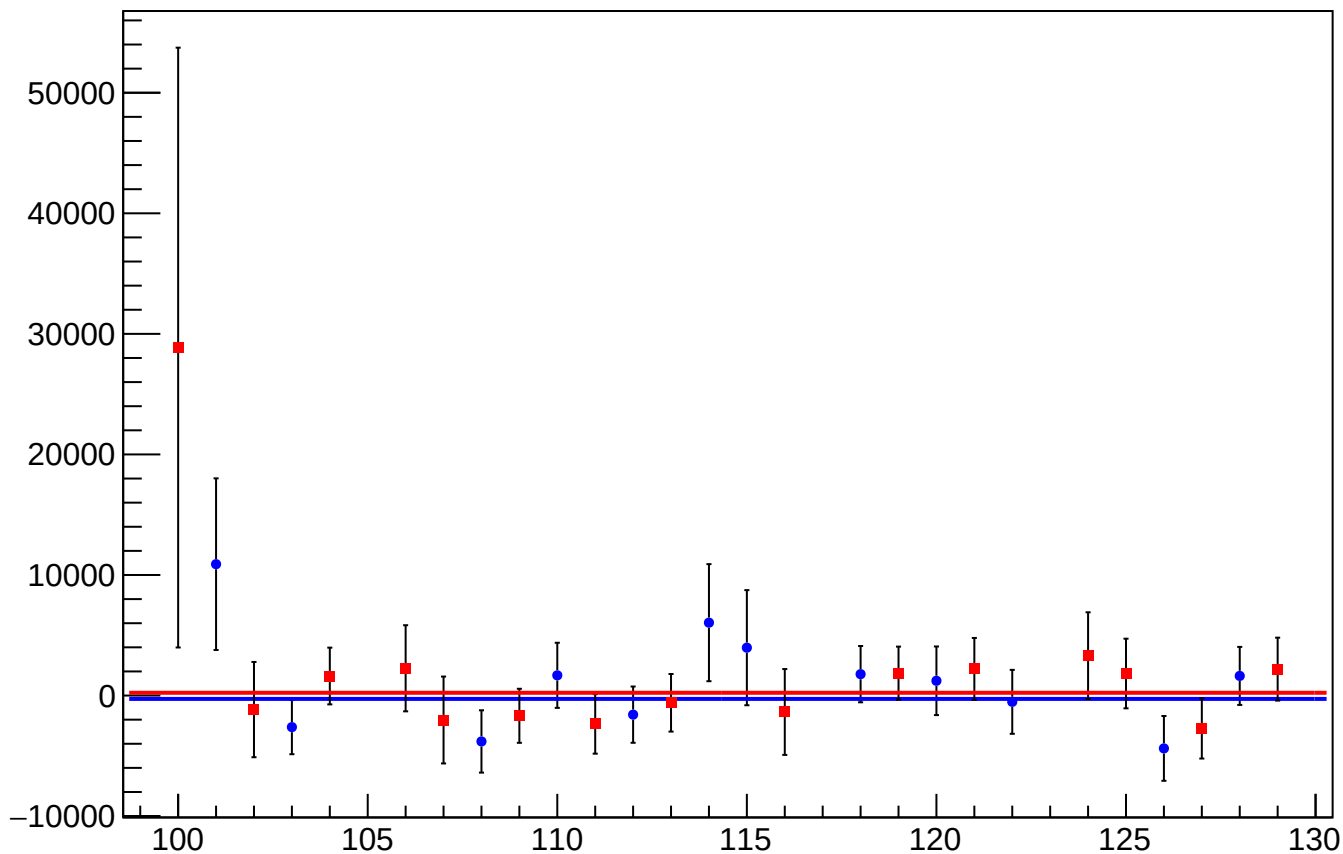
Right: 2651.941+/-0.577 χ^2/NDF : 604178.7/26

In: 2678.999+/-0.860 χ^2/NDF : 223657.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2651.941+/-0.577 χ^2/NDF : 604178.7/26

eigen_dit_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -278.384+/-807.224 χ^2/NDF : 12.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

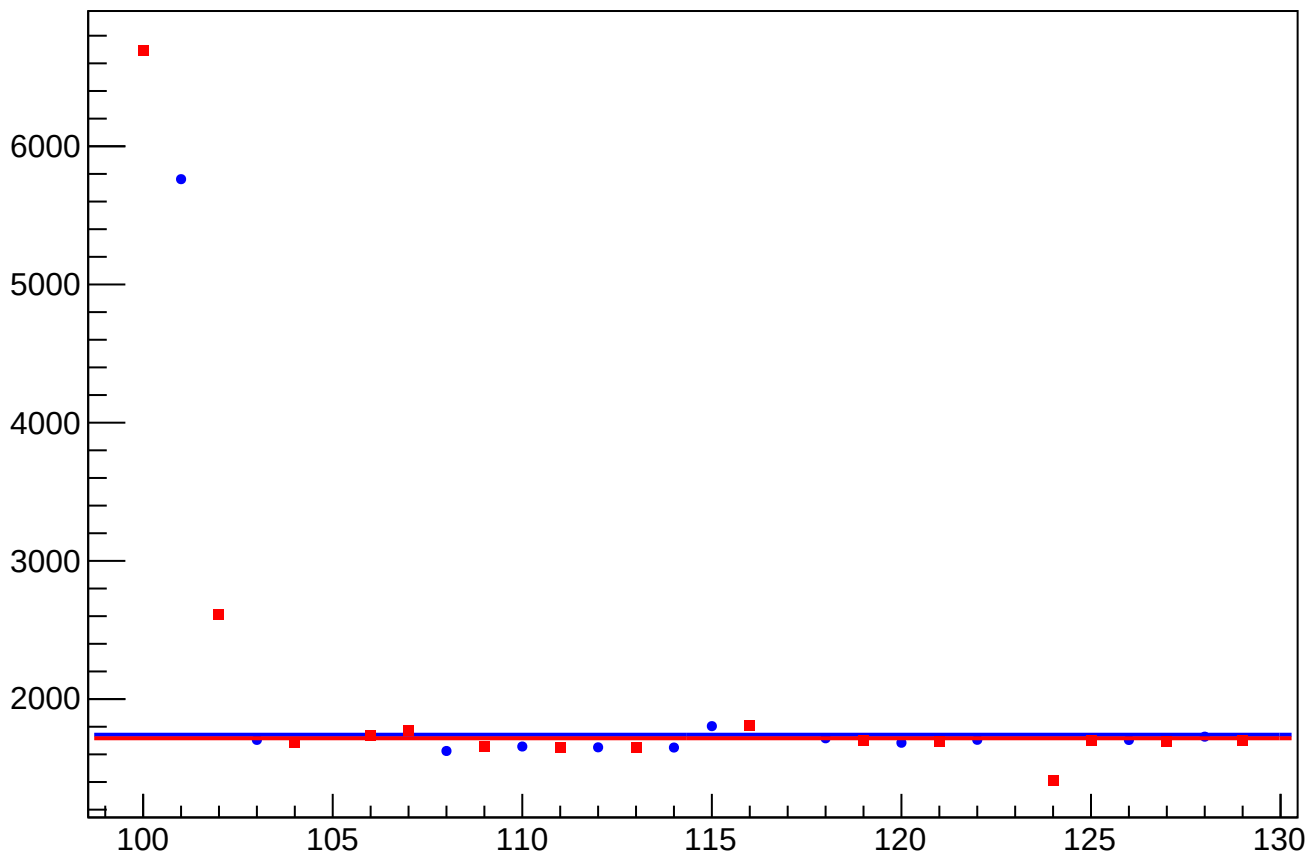
Right: 1.654+/-541.111 χ^2/NDF : 21.8/26

In: -278.384+/-807.224 χ^2/NDF : 12.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.654+/-541.111 χ^2/NDF : 21.8/26

eigen_dit_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1742.077+/-0.571 χ^2/NDF : 650536.8/11

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

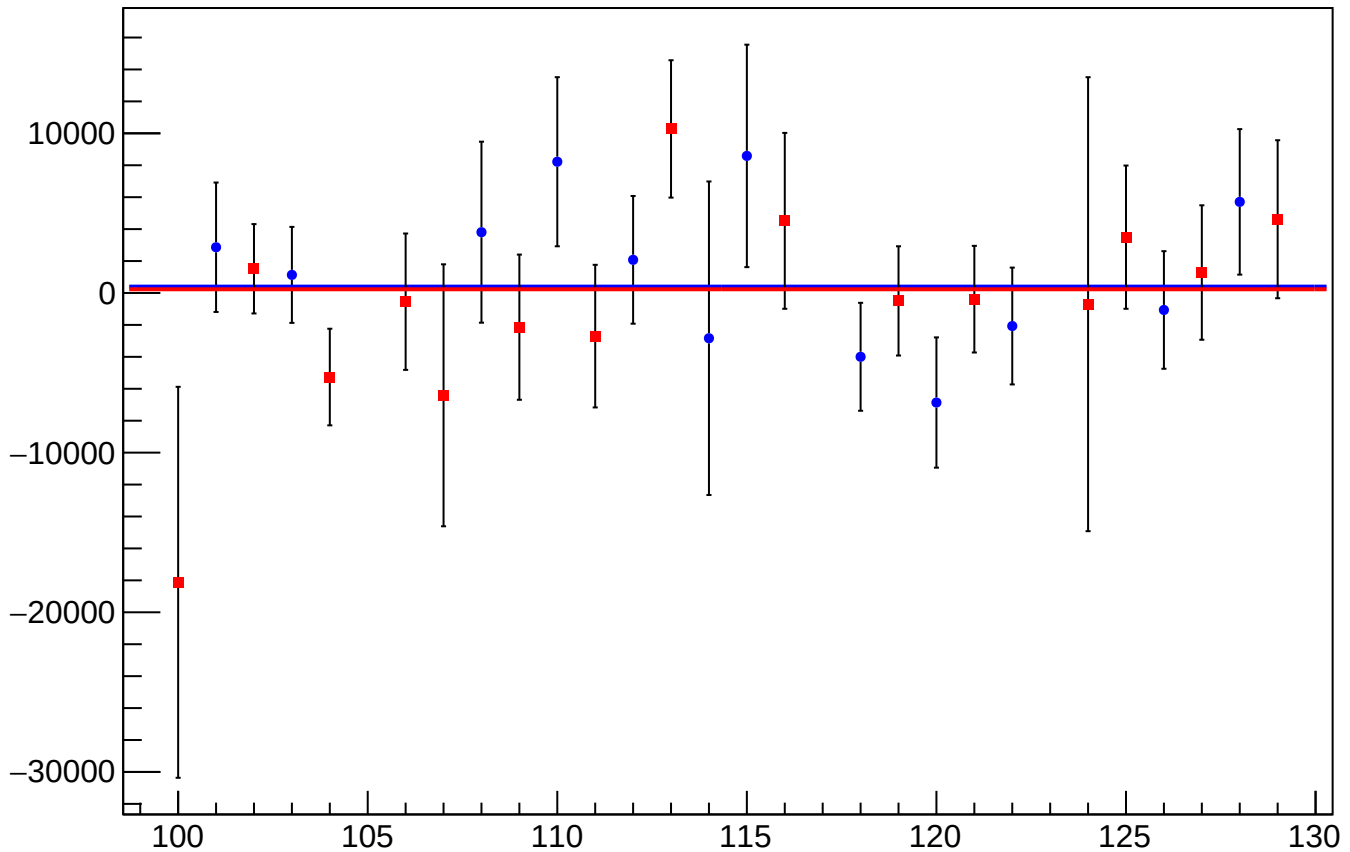
Right: 1727.934+/-0.382 χ^2/NDF : 856515.9/26

In: 1742.077+/-0.571 χ^2/NDF : 650536.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1727.934+/-0.382 χ^2/NDF : 856515.9/26

asym_atr1l2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 396.845 $\pm$ 1216.326 χ^2 /NDF: 11.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 232.068 $\pm$ 1100.514 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

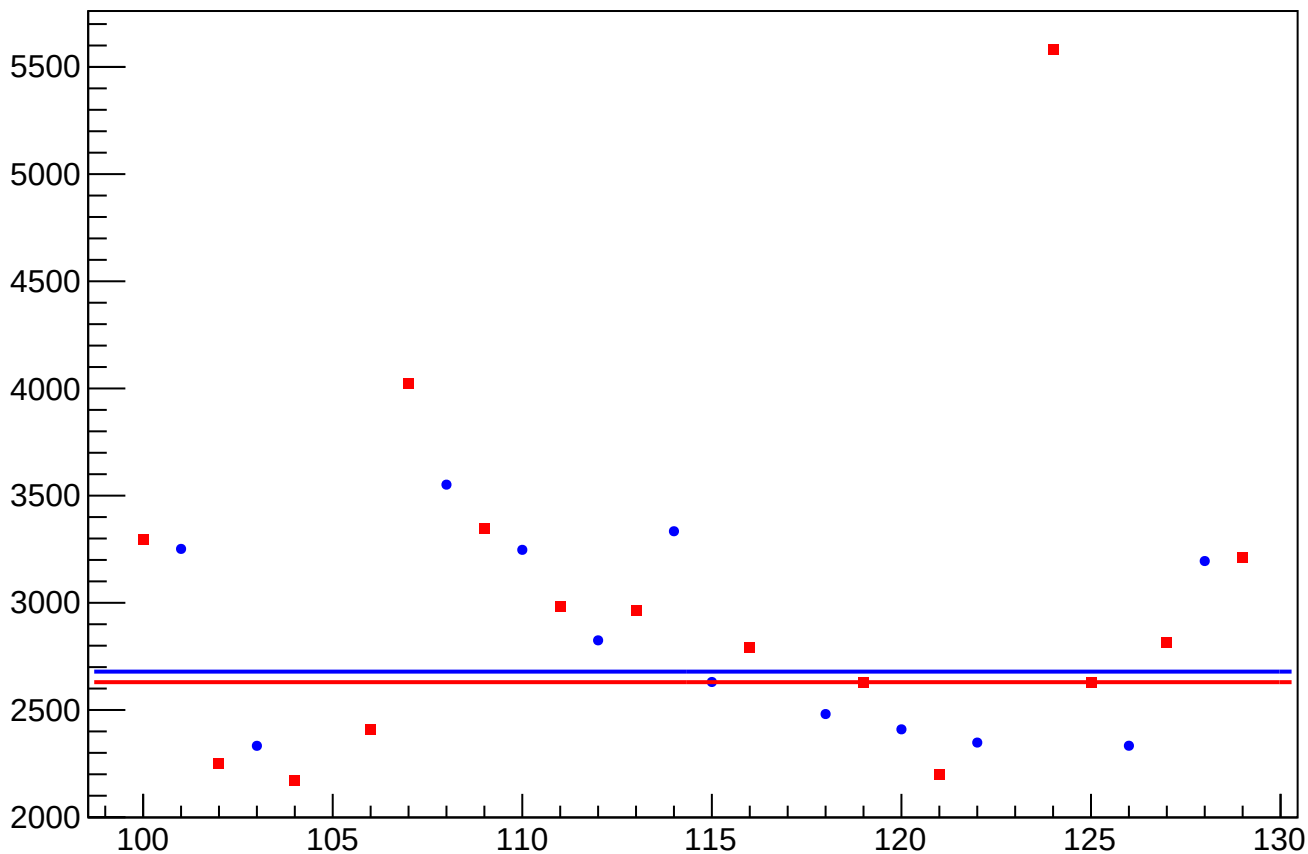
Right: 306.241 $\pm$ 816.061 χ^2 /NDF: 26.1/26

In: 396.845 $\pm$ 1216.326 χ^2 /NDF:11.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 306.241 $\pm$ 816.061 χ^2 /NDF: 26.1/26

asym_atr1l2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2678.990+/-0.860 χ^2/NDF : 223657.1/11

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

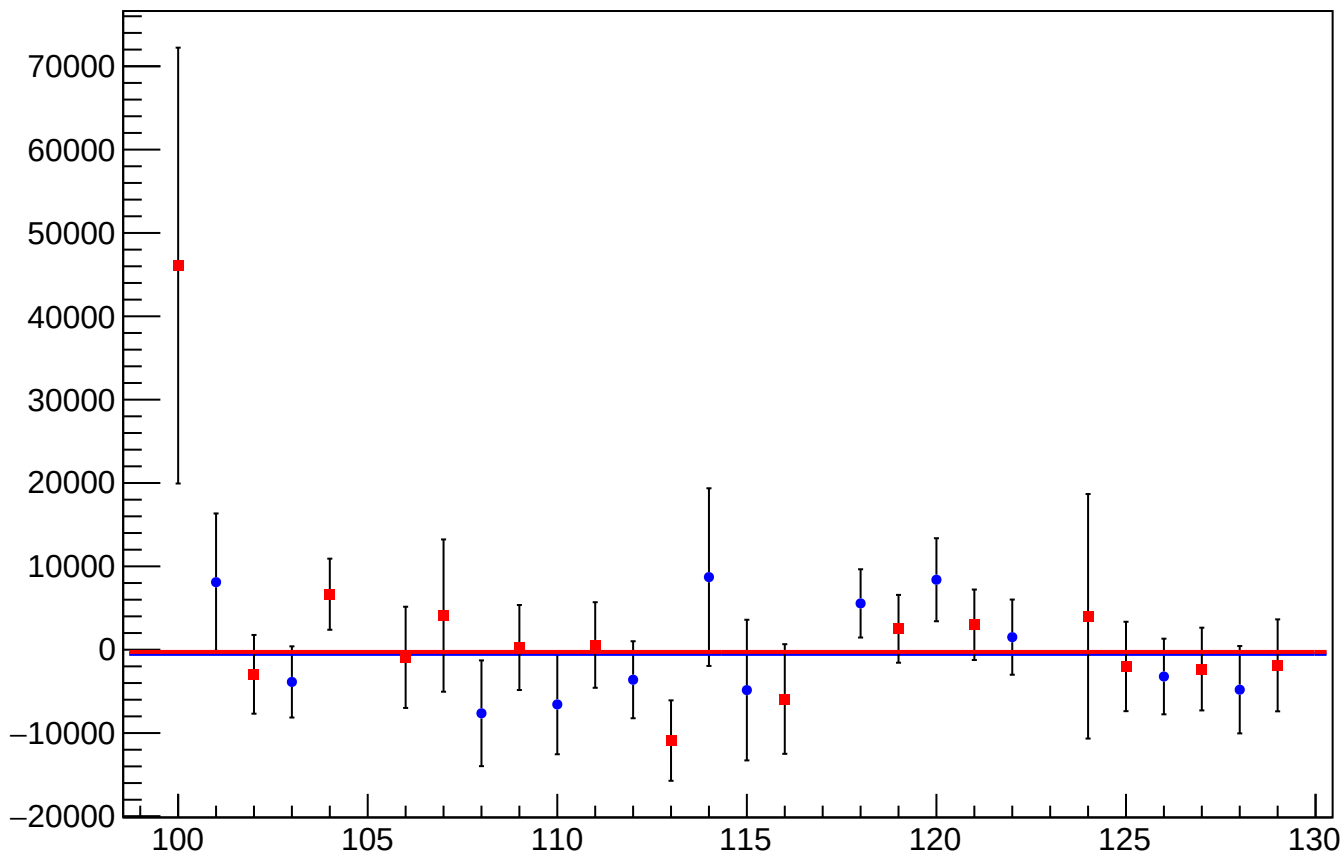
Right: 2651.934+/-0.577 χ^2/NDF : 604174.5/26

In: 2678.990+/-0.860 χ^2/NDF : 223657.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2651.934+/-0.577 χ^2/NDF : 604174.5/26

asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -501.524+/-1531.830 χ^2/NDF : 12.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

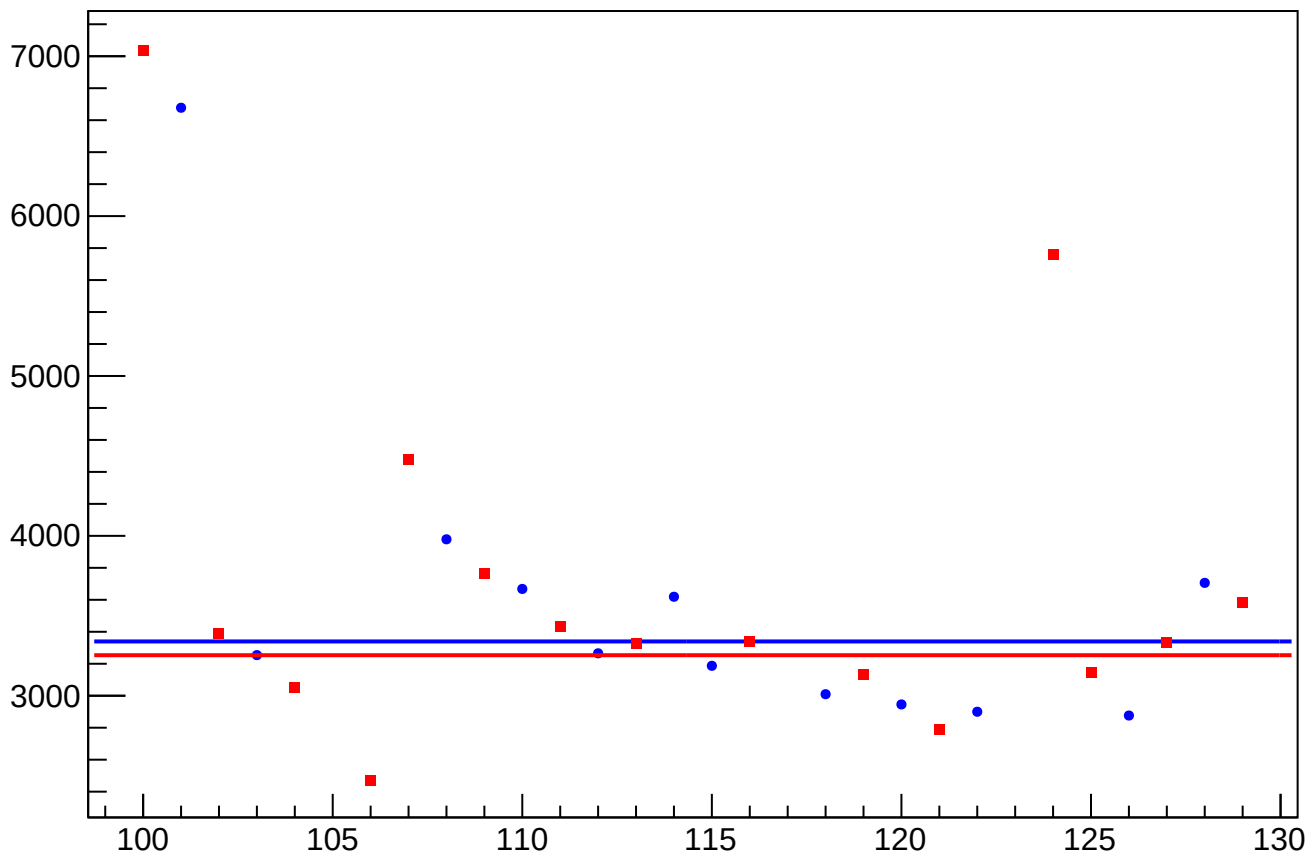
Right: -373.624+/-1032.363 χ^2/NDF : 25.6/26

In: -501.524+/-1531.830 χ^2/NDF : 12.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -373.624+/-1032.363 χ^2/NDF : 25.6/26

asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 3339.530+/-1.083 χ^2/NDF : 432645.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

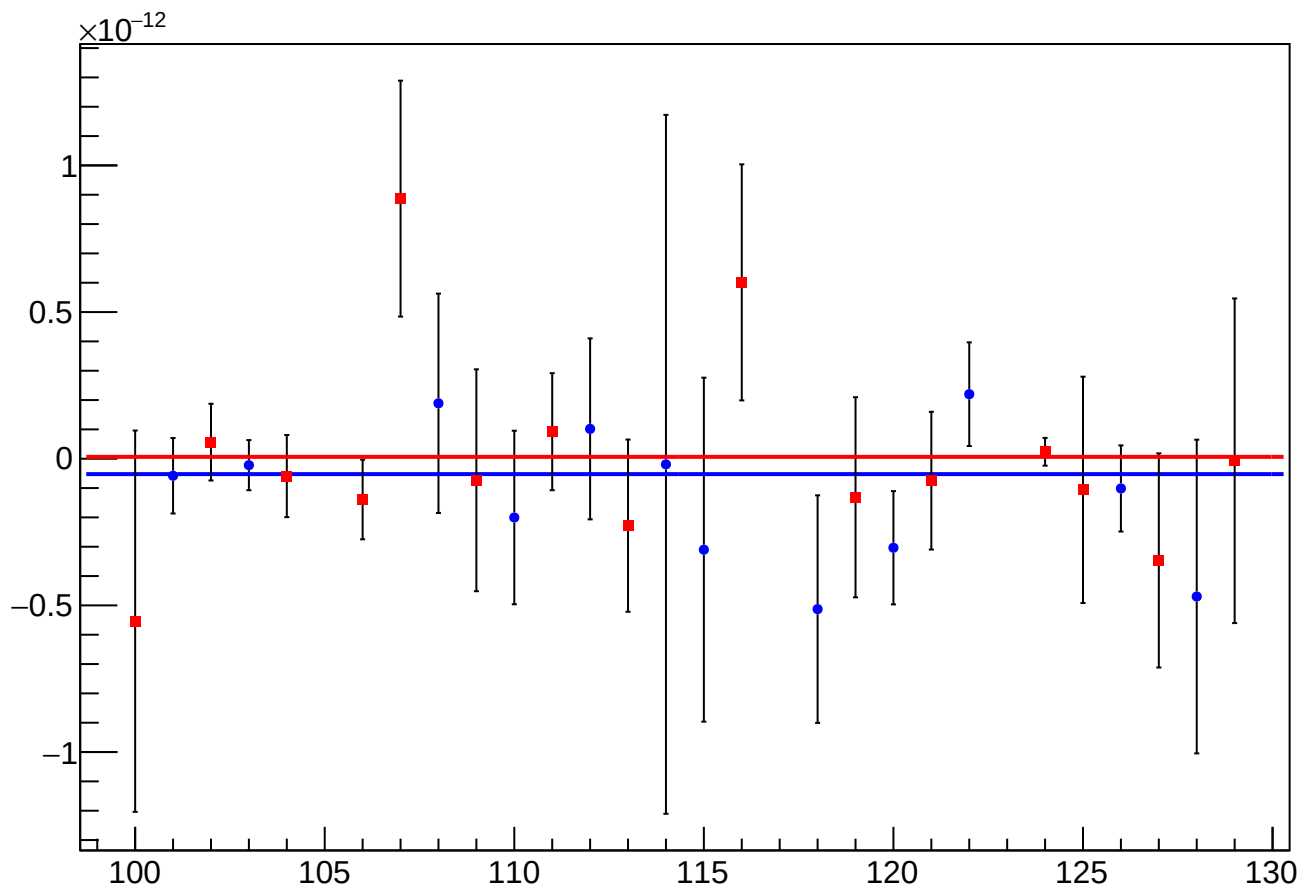
Right: 3291.832+/-0.723 χ^2/NDF : 690771.4/26

In: 3339.530+/-1.083 χ^2/NDF : 432645.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3291.832+/-0.723 χ^2/NDF : 690771.4/26

asym_atr1l2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 7.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 11.5/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

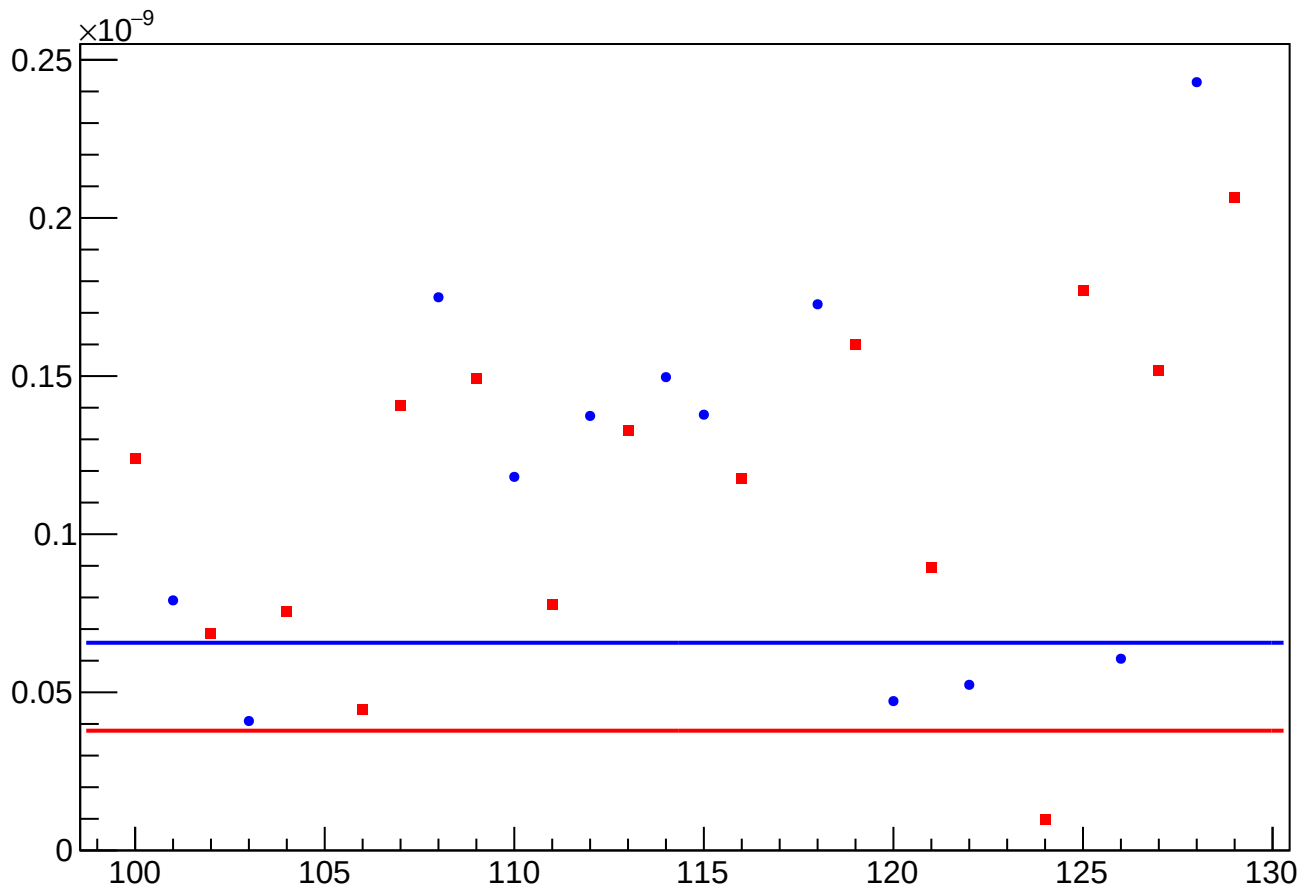
Right: -0.000+/-0.000 χ^2 /NDF: 19.8/26

In: -0.000+/-0.000 χ^2 /NDF:7.4/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 19.8/26

asym_atr1l2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 975256.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

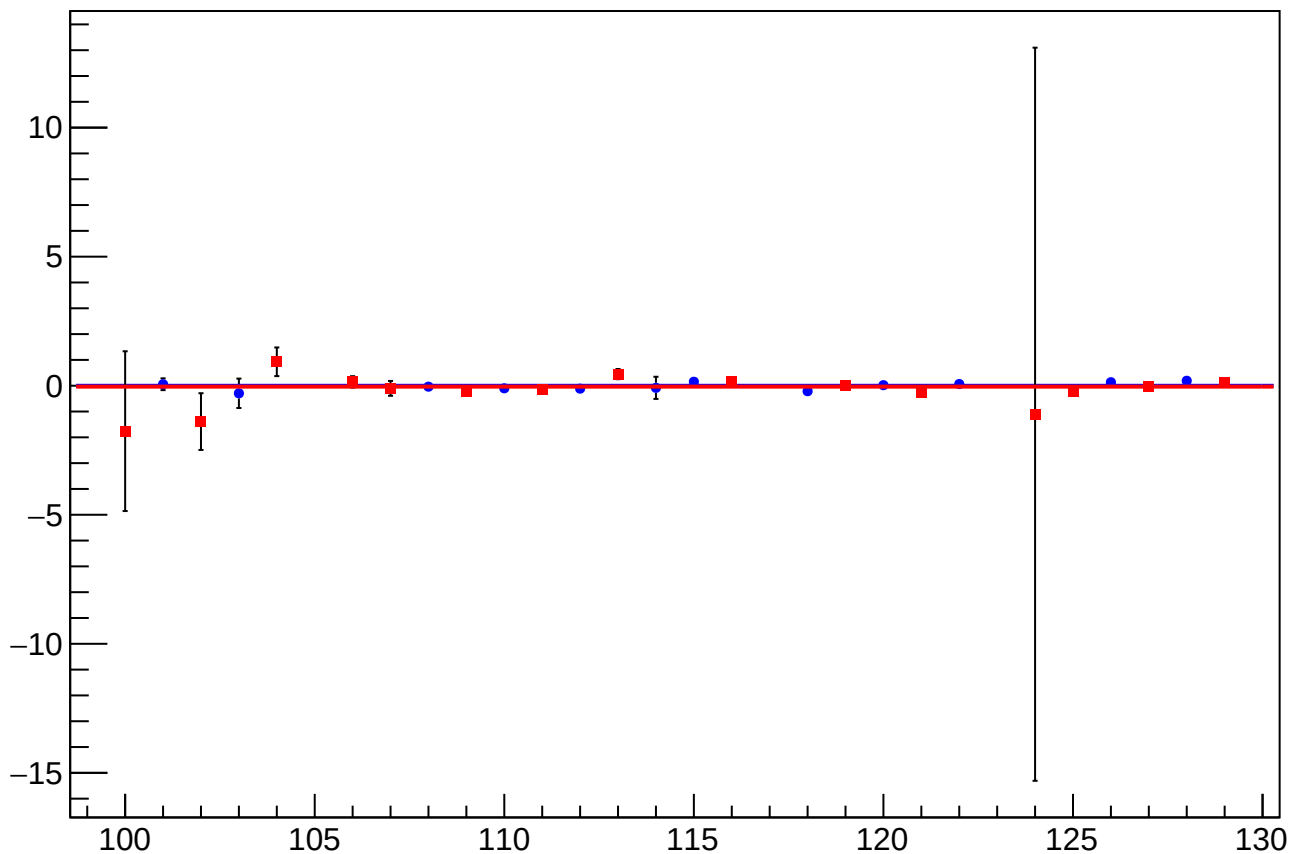
Right: 0.000+/-0.000 χ^2/NDF : 4007619.8/26

In: 0.000+/-0.000 χ^2/NDF : 975256.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4007619.8/26

asym_atr1l2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 ± 0.052 χ^2/NDF : 6.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.035 ± 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

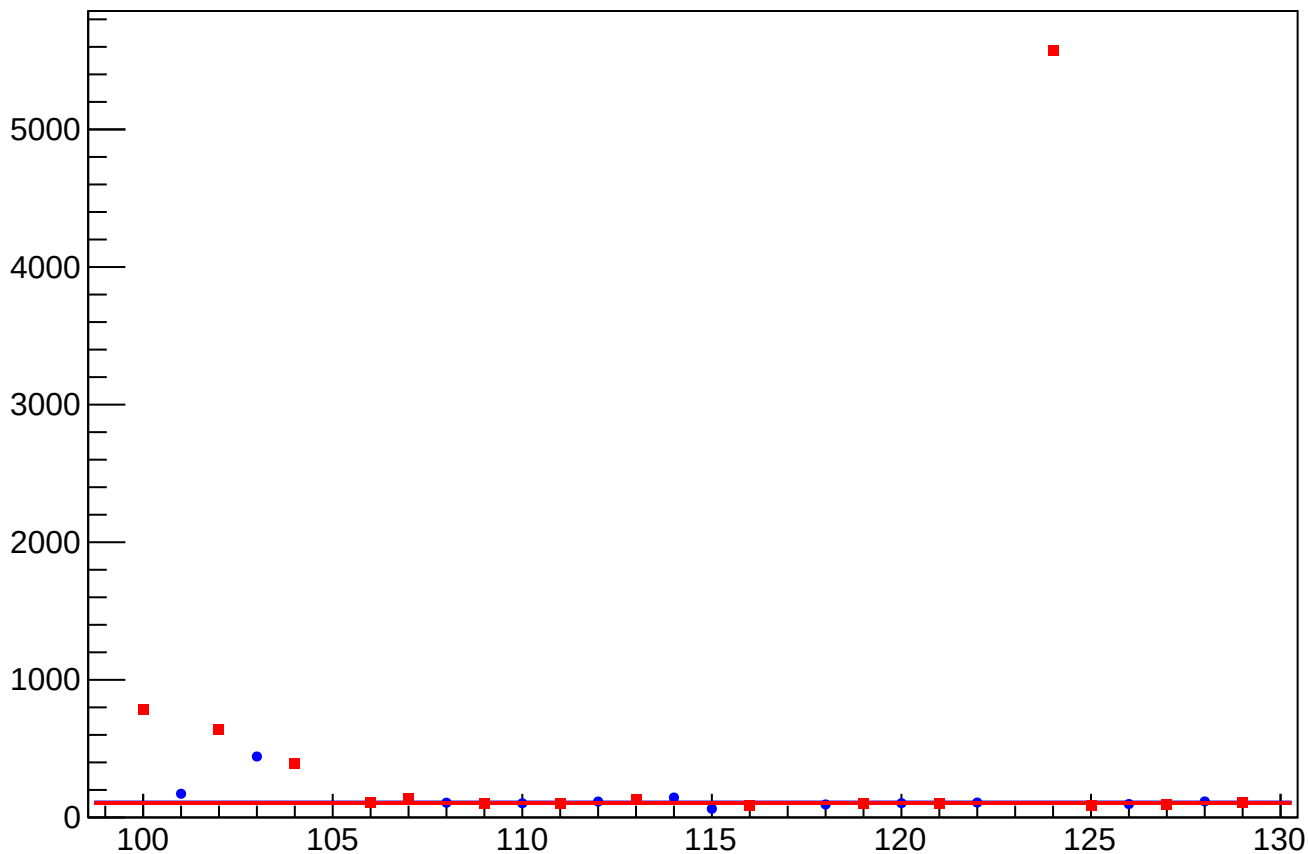
Right: -0.020 ± 0.036 χ^2/NDF : 27.2/26

In: -0.003 ± 0.052 χ^2/NDF : 6.8/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.020 ± 0.036 χ^2/NDF : 27.2/26

asym_atr1l2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.123+/-0.037 χ^2/NDF : 1036565.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

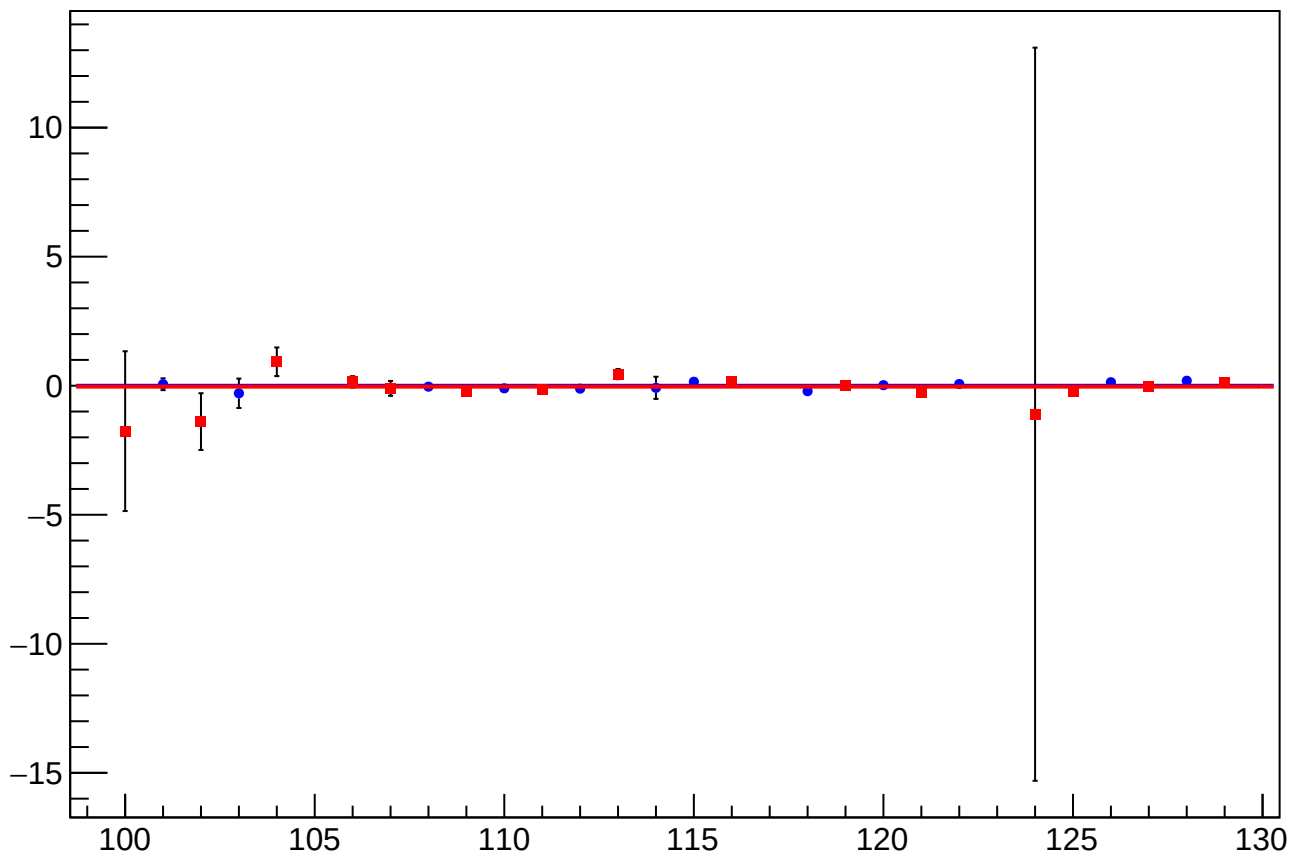
Right: 106.610+/-0.025 χ^2/NDF : 2593222.3/26

In: 108.123+/-0.037 χ^2/NDF : 1036565.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.610+/-0.025 χ^2/NDF : 2593222.3/26

asym_atr1l2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 ± 0.052 χ^2/NDF : 6.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.035 ± 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

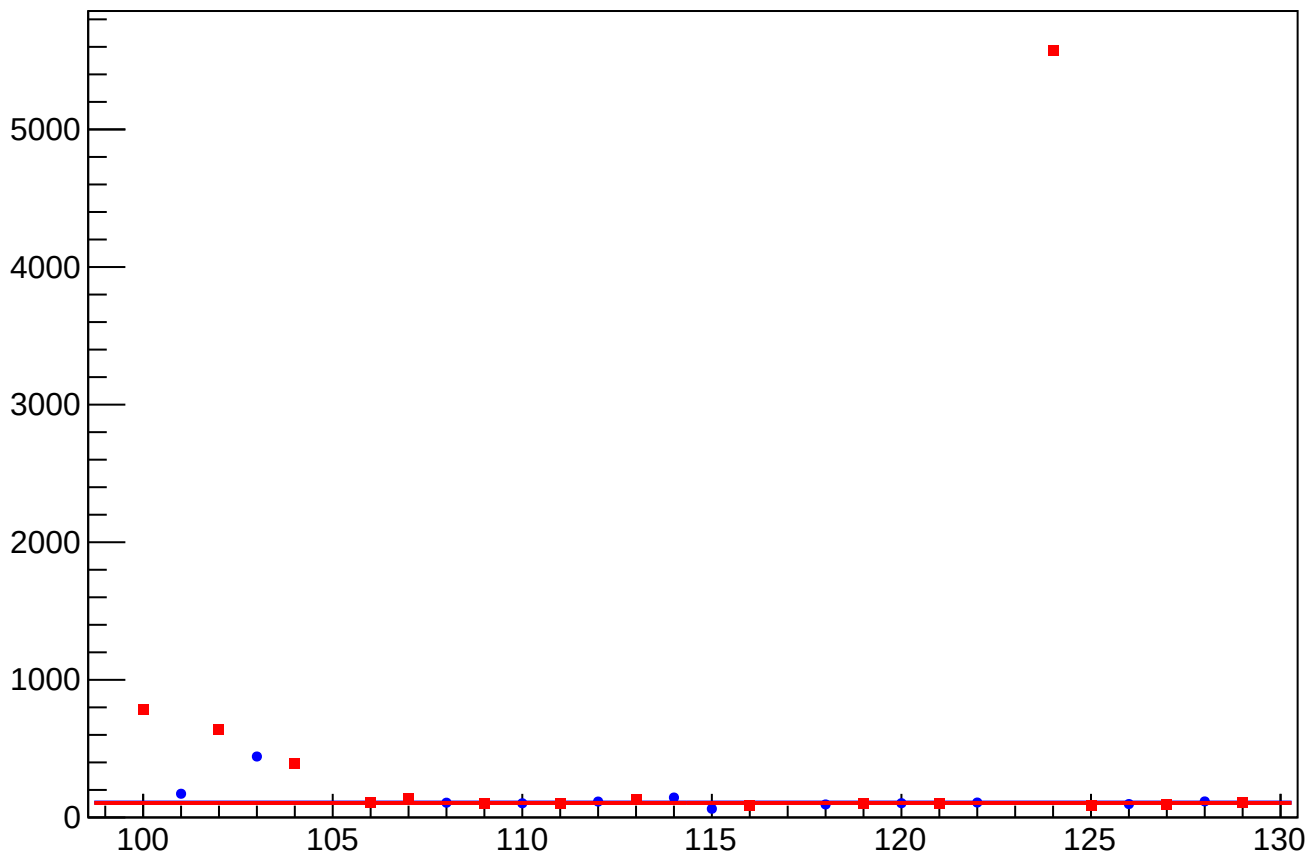
Right: -0.020 ± 0.036 χ^2/NDF : 27.2/26

In: -0.003 ± 0.052 χ^2/NDF : 6.8/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.020 ± 0.036 χ^2/NDF : 27.2/26

asym_atr1l2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.123+/-0.037 χ^2/NDF : 1036565.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

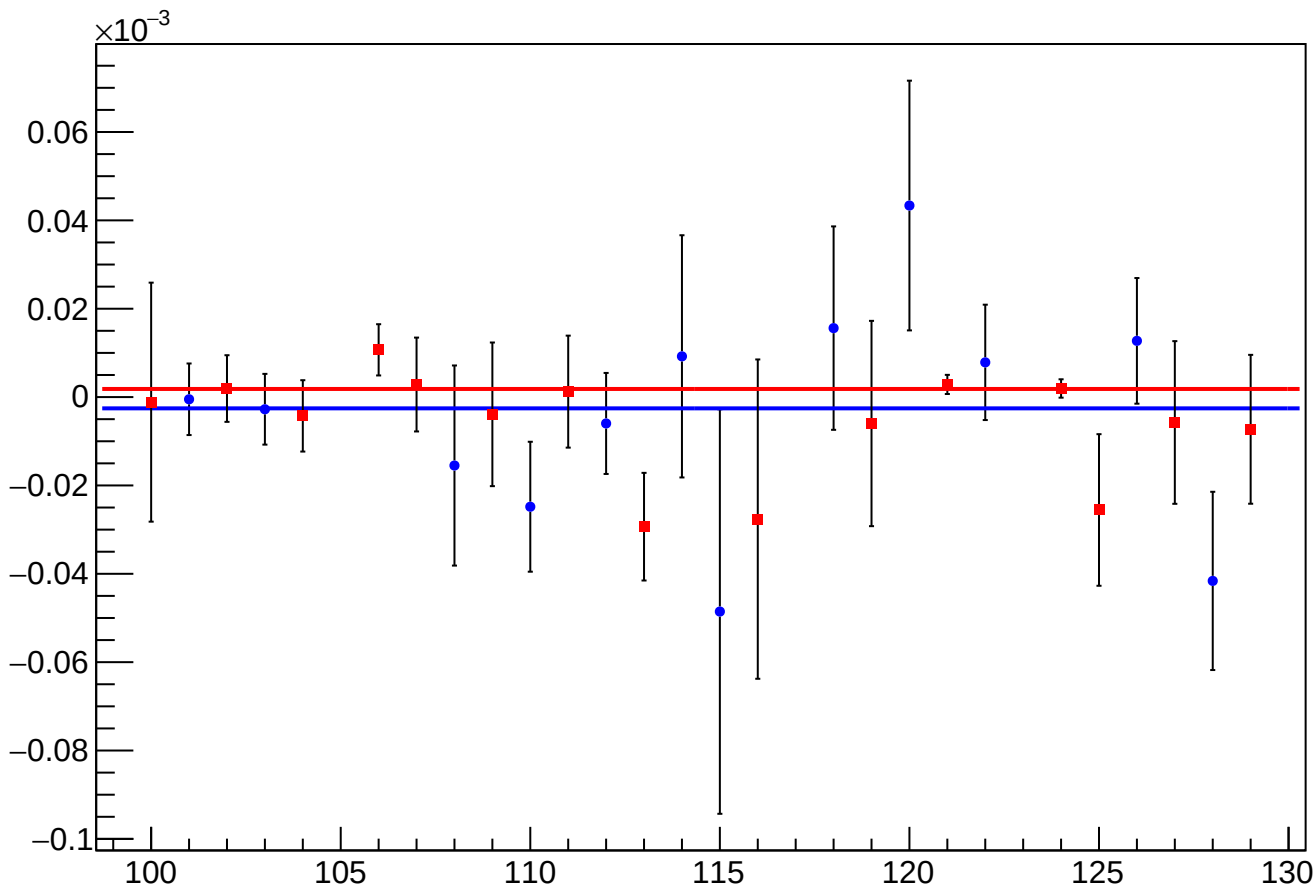
Right: 106.610+/-0.025 χ^2/NDF : 2593222.3/26

In: 108.123+/-0.037 χ^2/NDF : 1036565.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.610+/-0.025 χ^2/NDF : 2593222.3/26

asym_atr1l2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 12.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 13.6/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

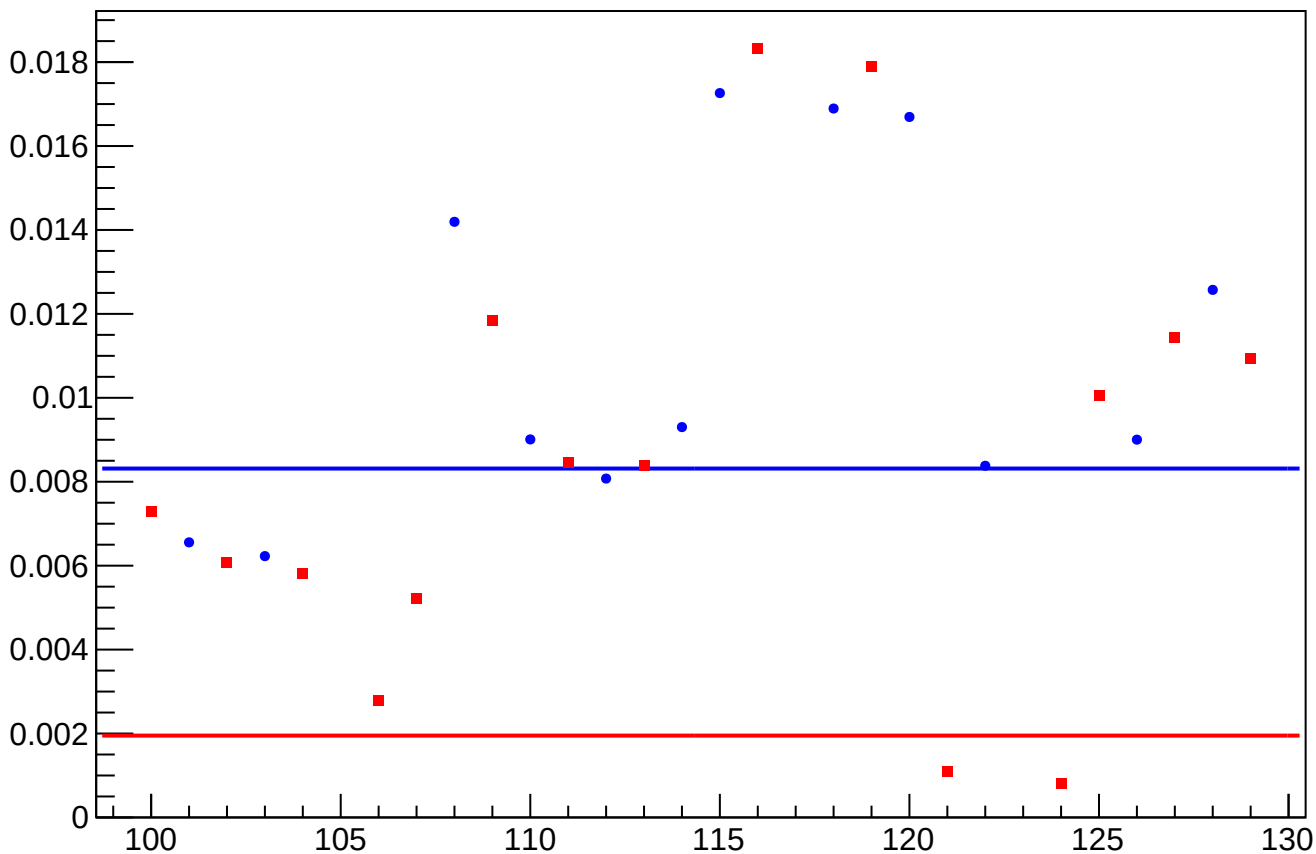
Right: 0.000 ± 0.000 χ^2/NDF : 27.5/26

In: -0.000 ± 0.000 χ^2/NDF : 12.8/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 27.5/26

asym_atr1l2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 996663.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 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

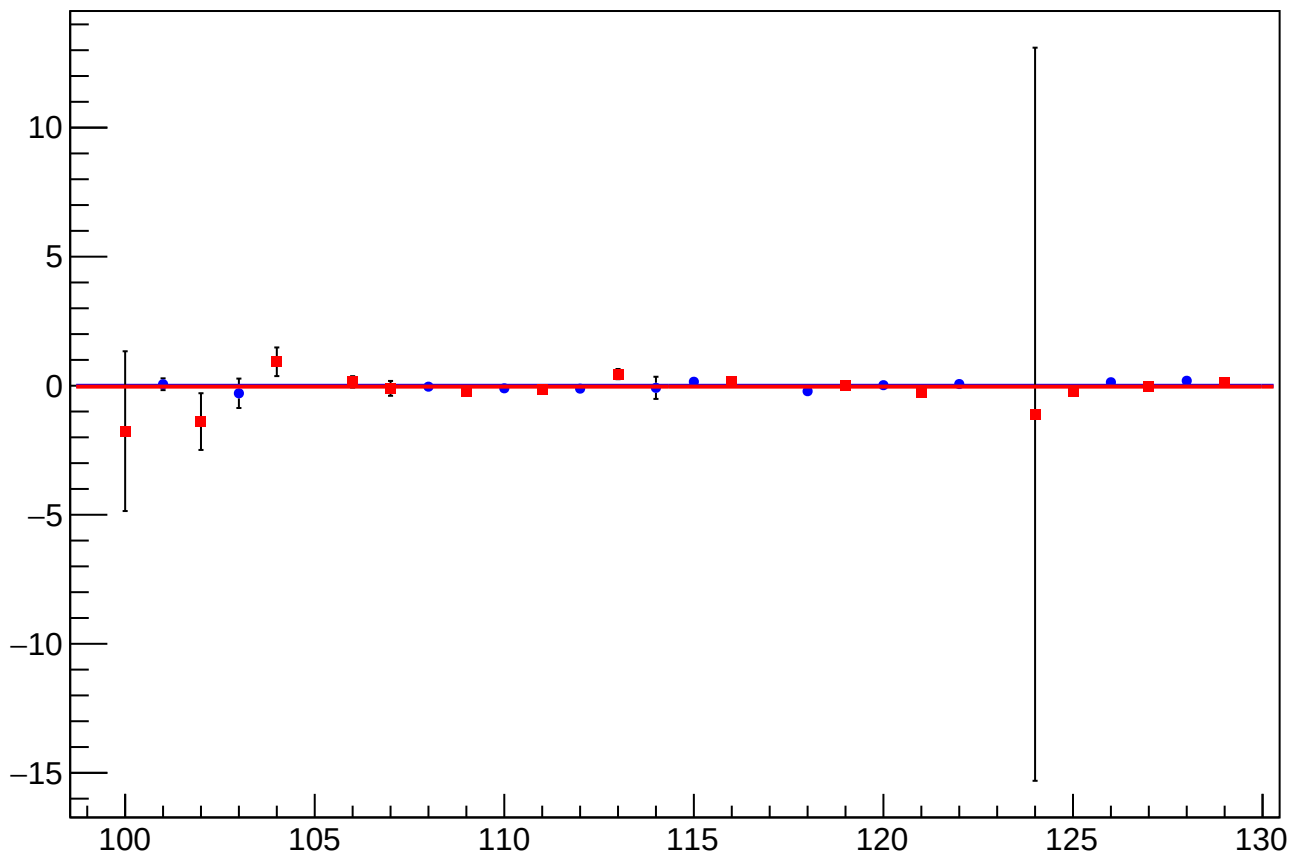
Right: 0.003+/-0.000 χ^2/NDF : 12574946.5/26

In: 0.008+/-0.000 χ^2/NDF : 996663.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 12574946.5/26

asym_atr1l2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 ± 0.052 χ^2/NDF : 6.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.035 ± 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

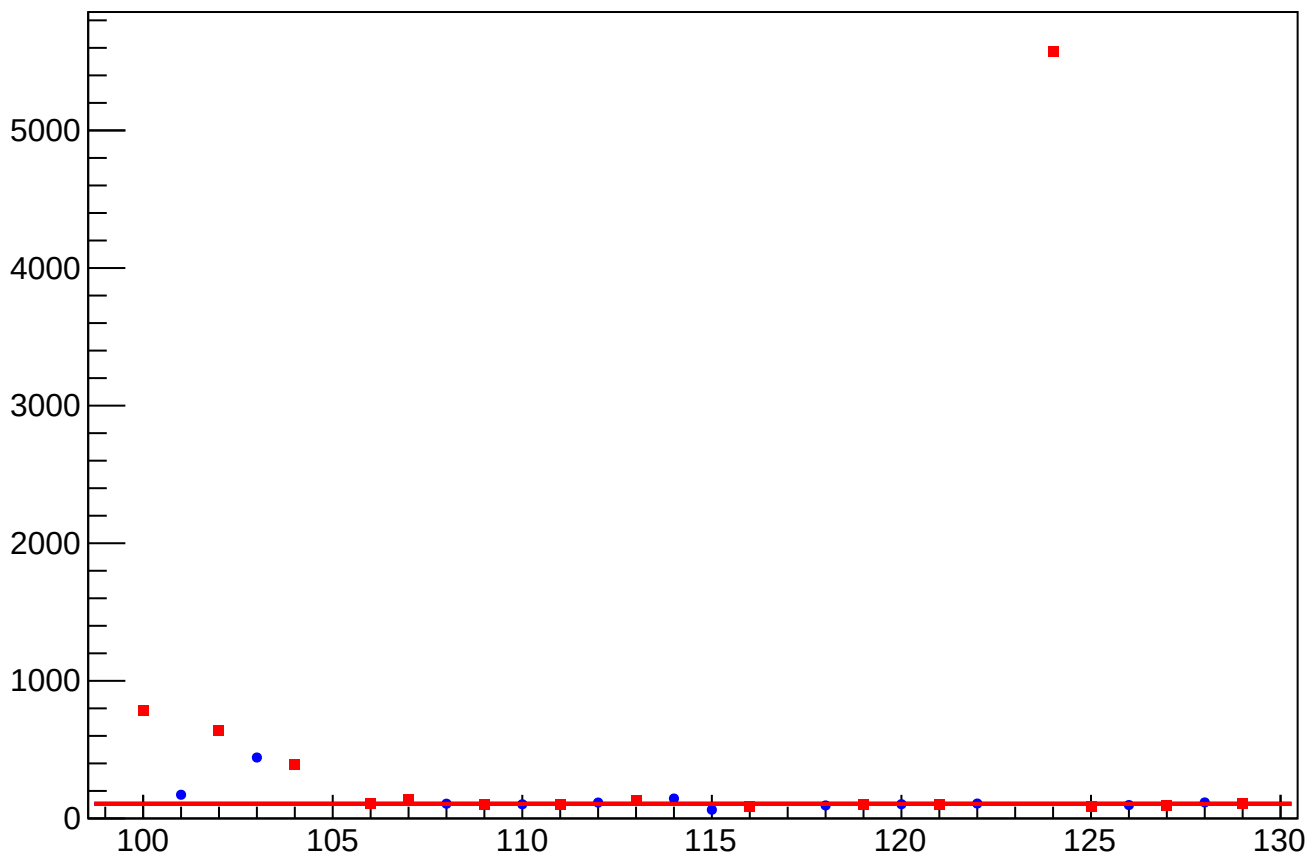
Right: -0.020 ± 0.036 χ^2/NDF : 27.2/26

In: -0.003 ± 0.052 χ^2/NDF : 6.8/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.020 ± 0.036 χ^2/NDF : 27.2/26

asym_atr1l2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.123+/-0.037 χ^2/NDF : 1036546.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

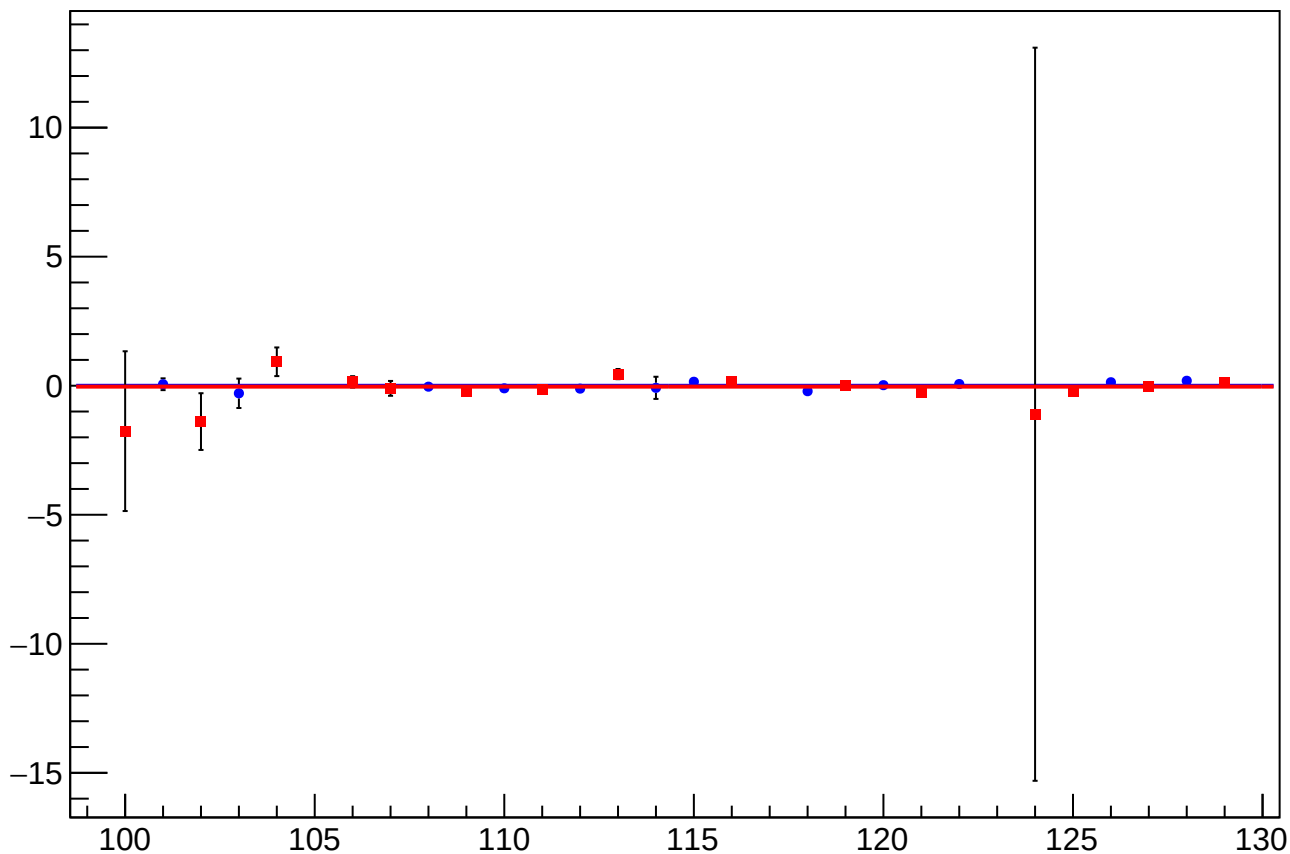
Right: 106.611+/-0.025 χ^2/NDF : 2593151.4/26

In: 108.123+/-0.037 χ^2/NDF : 1036546.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.611+/-0.025 χ^2/NDF : 2593151.4/26

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 ± 0.052 χ^2/NDF : 6.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.035 ± 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

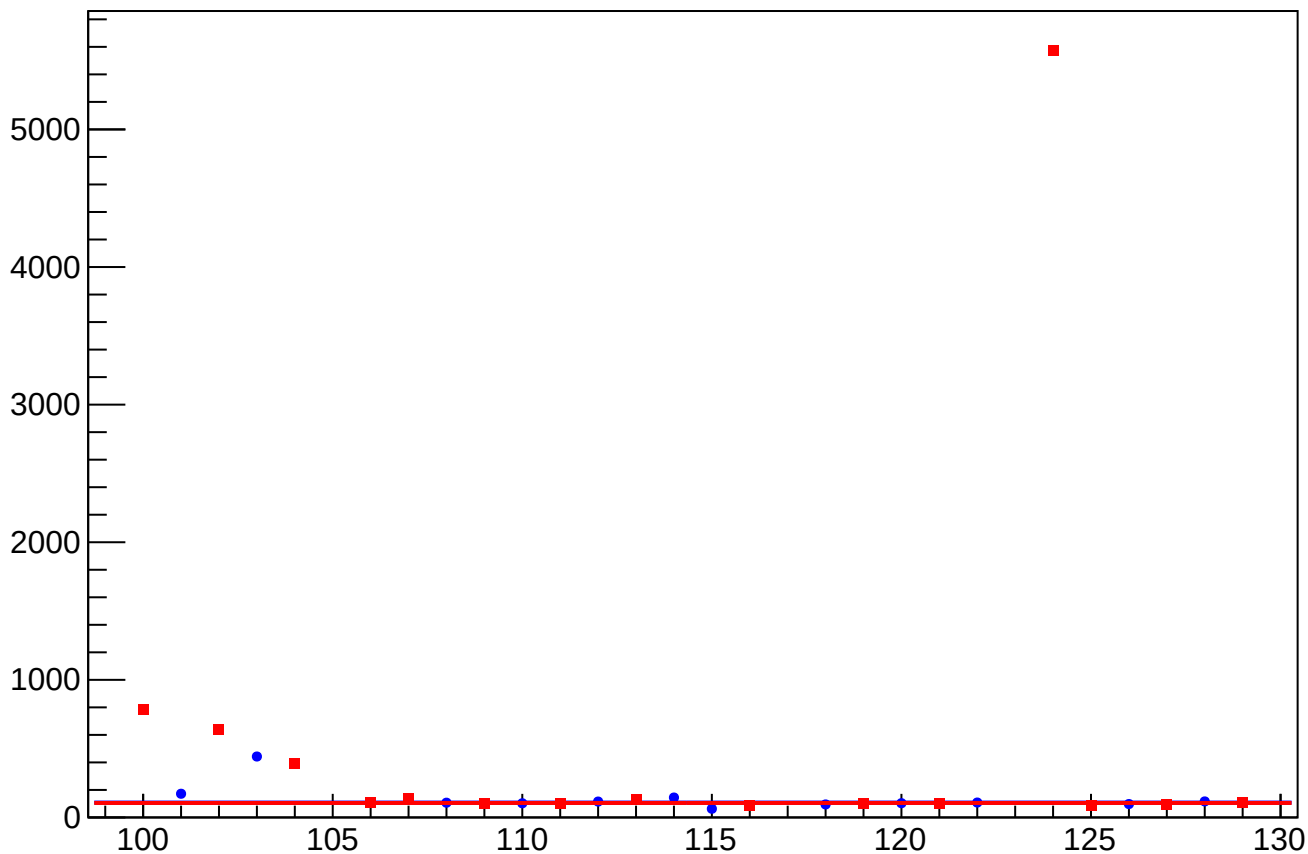
Right: -0.020 ± 0.036 χ^2/NDF : 27.2/26

In: -0.003 ± 0.052 χ^2/NDF : 6.8/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.020 ± 0.036 χ^2/NDF : 27.2/26

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.123+/-0.037 χ^2/NDF : 1036546.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

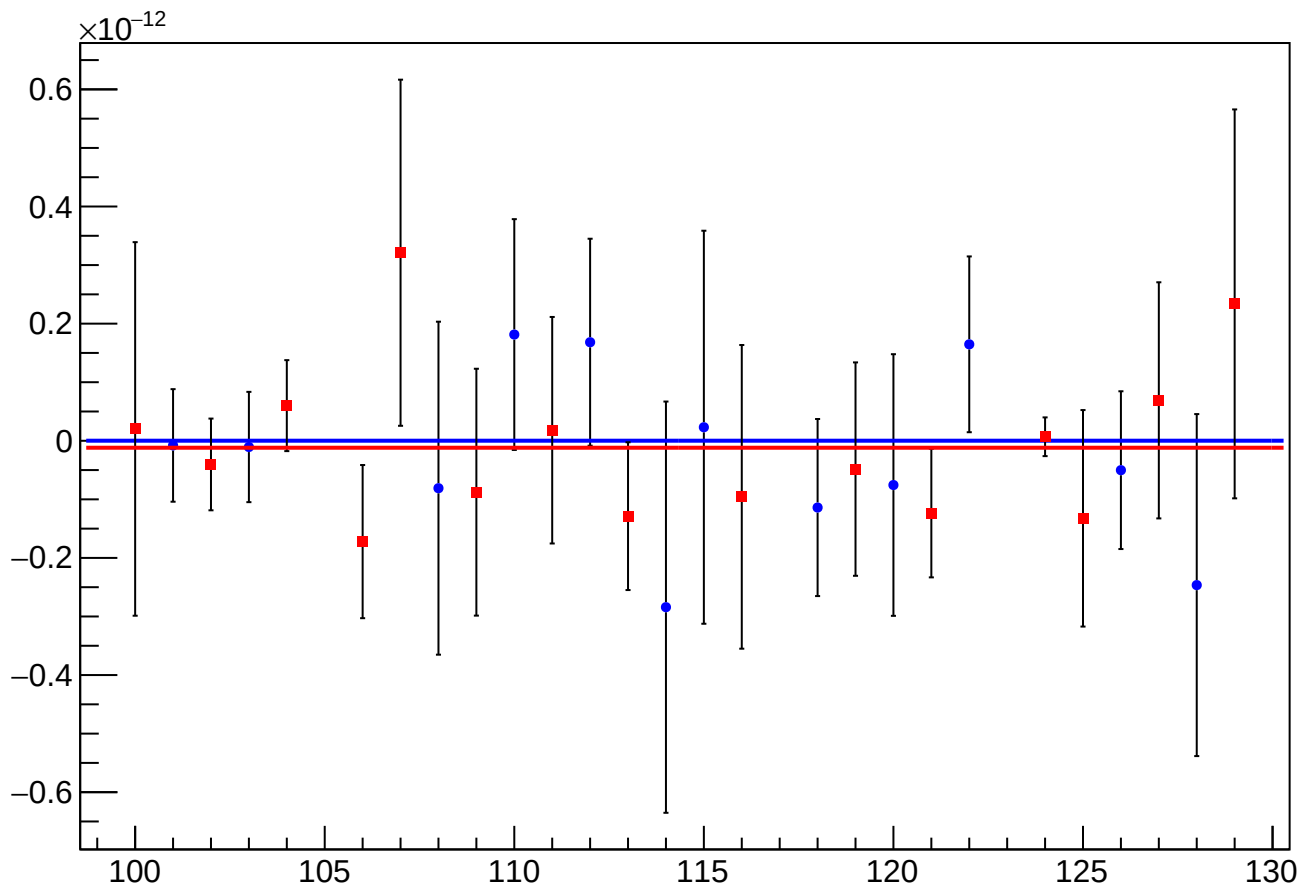
Right: 106.611+/-0.025 χ^2/NDF : 2593151.4/26

In: 108.123+/-0.037 χ^2/NDF : 1036546.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.611+/-0.025 χ^2/NDF : 2593151.4/26

asym_atr1l2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 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

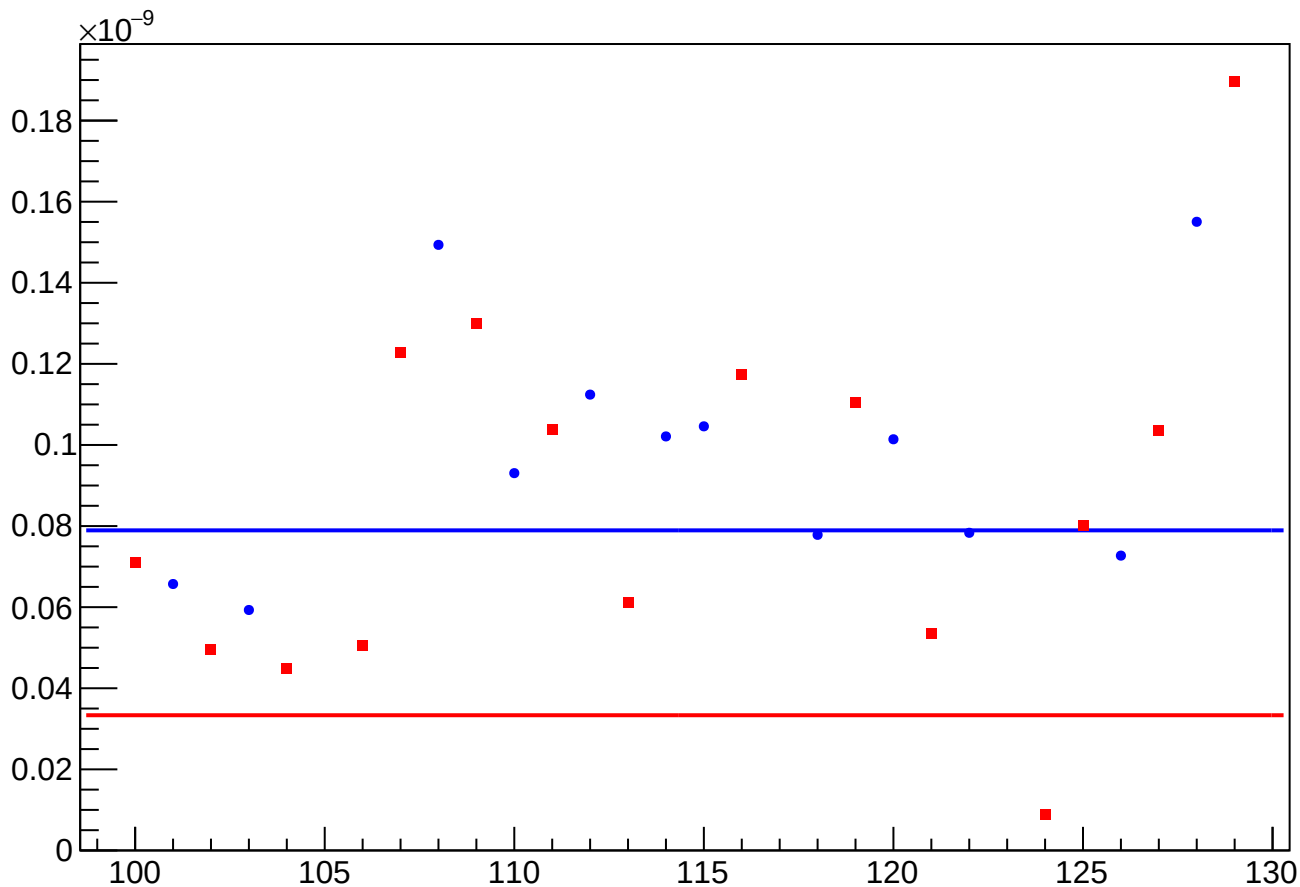
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.7/26

In: 0.000 $\pm$ 0.000 χ^2 /NDF:5.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.7/26

asym_atr1l2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 510568.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

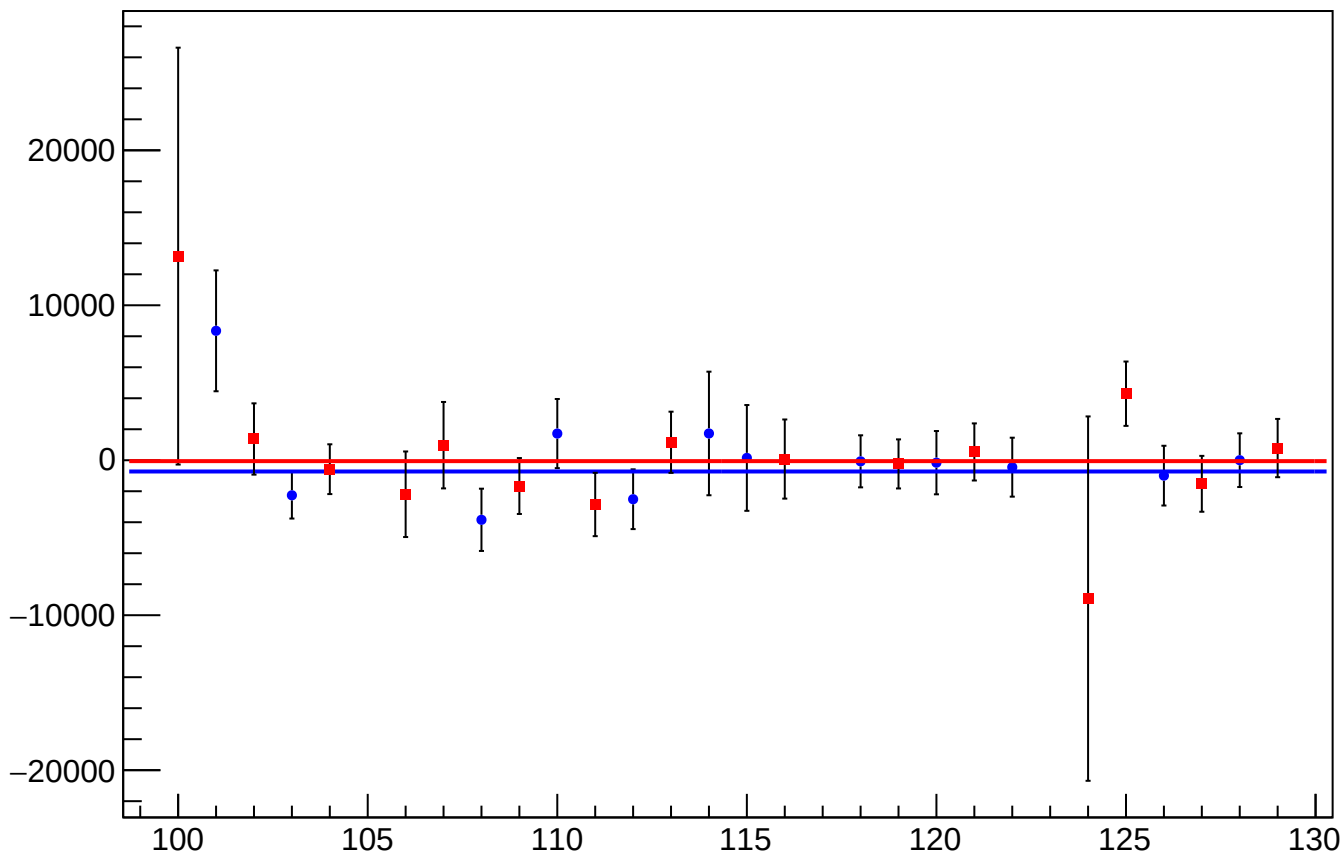
Right: 0.000+/-0.000 χ^2/NDF : 5773999.9/26

In: 0.000+/-0.000 χ^2/NDF : 510568.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5773999.9/26

reg_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -725.495+/-592.517 χ^2/NDF : 11.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

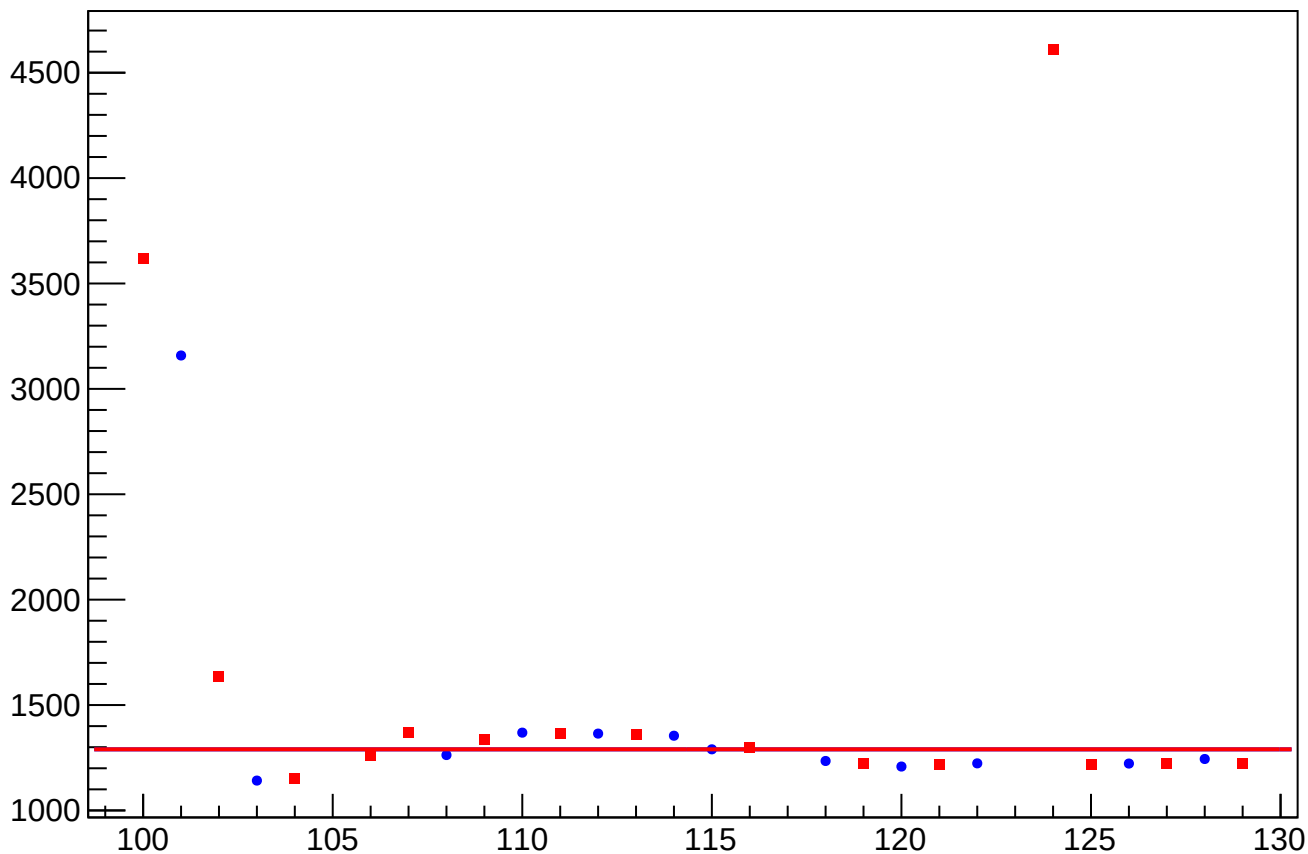
Right: -365.751+/-402.592 χ^2/NDF : 23.7/26

In: -725.495+/-592.517 χ^2/NDF : 11.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -365.751+/-402.592 χ^2/NDF : 23.7/26

reg_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1289.696+/-0.419 χ^2/NDF : 496608.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

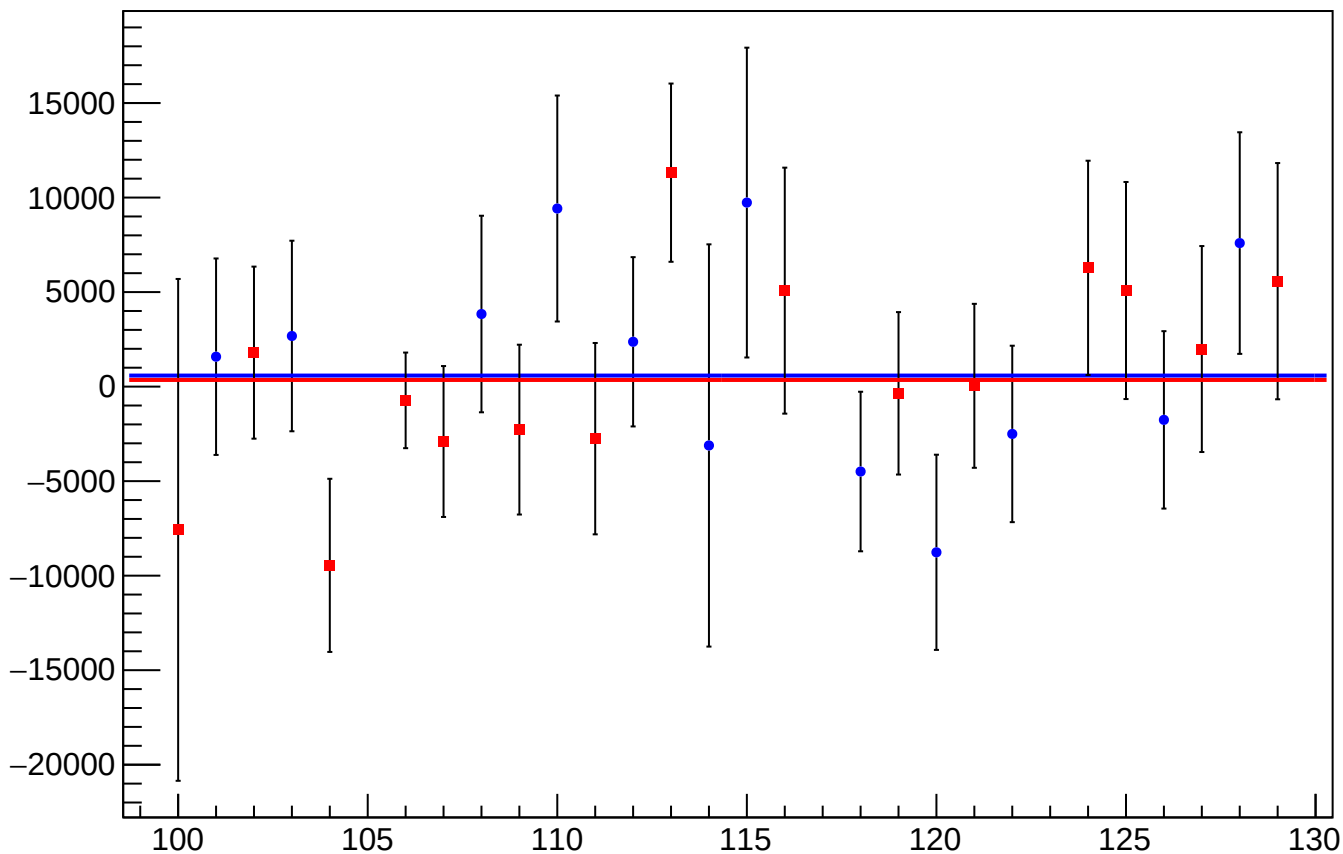
Right: 1289.830+/-0.284 χ^2/NDF : 799105.8/26

In: 1289.696+/-0.419 χ^2/NDF : 496608.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1289.830+/-0.284 χ^2/NDF : 799105.8/26

asym_atl_dd_atr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 584.056+/-1526.499 χ^2/NDF : 11.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

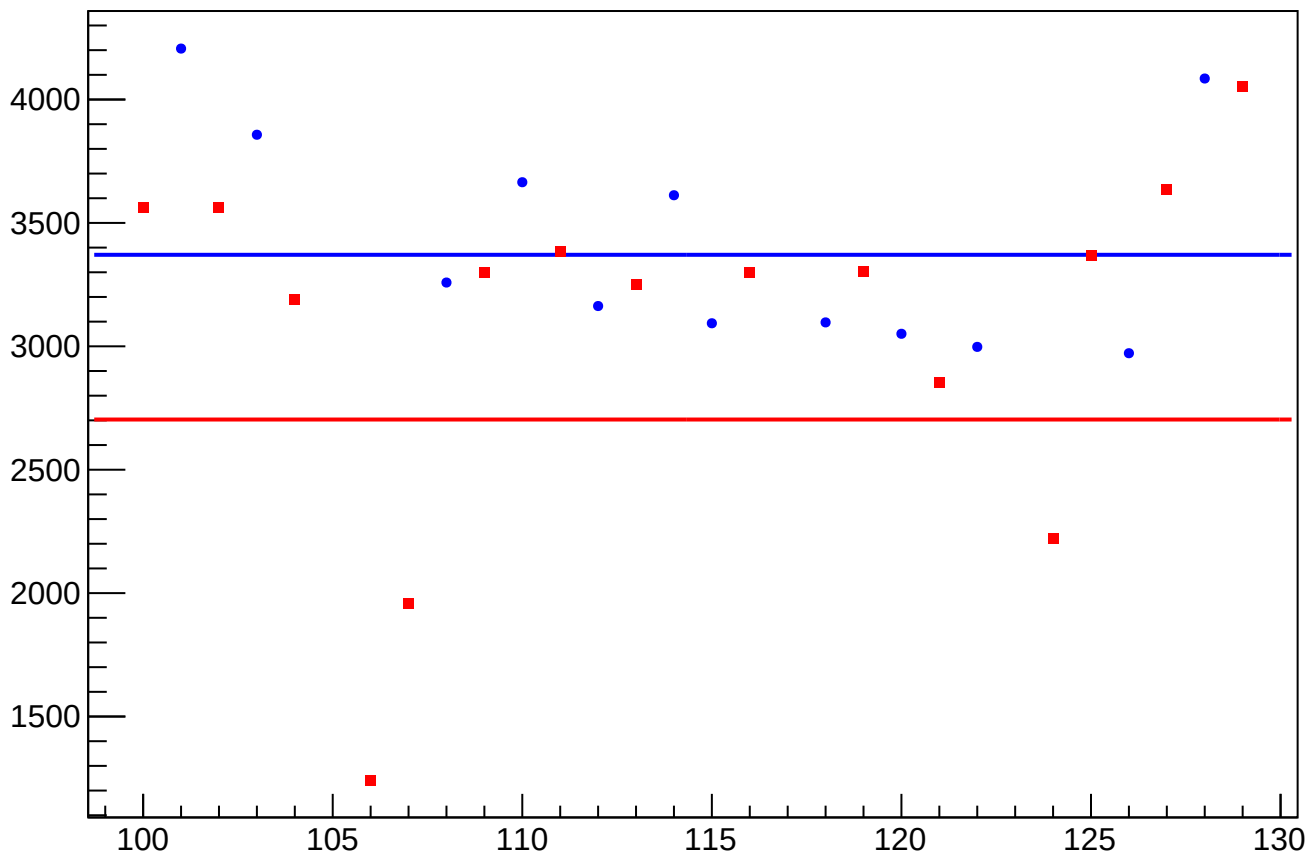
Right: 439.481+/-938.520 χ^2/NDF : 26.3/26

In: 584.056+/-1526.499 χ^2/NDF : 11.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 439.481+/-938.520 χ^2/NDF : 26.3/26

asym_atl_dd_atr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3370.806+/-1.079 χ^2/NDF : 156799.5/11

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

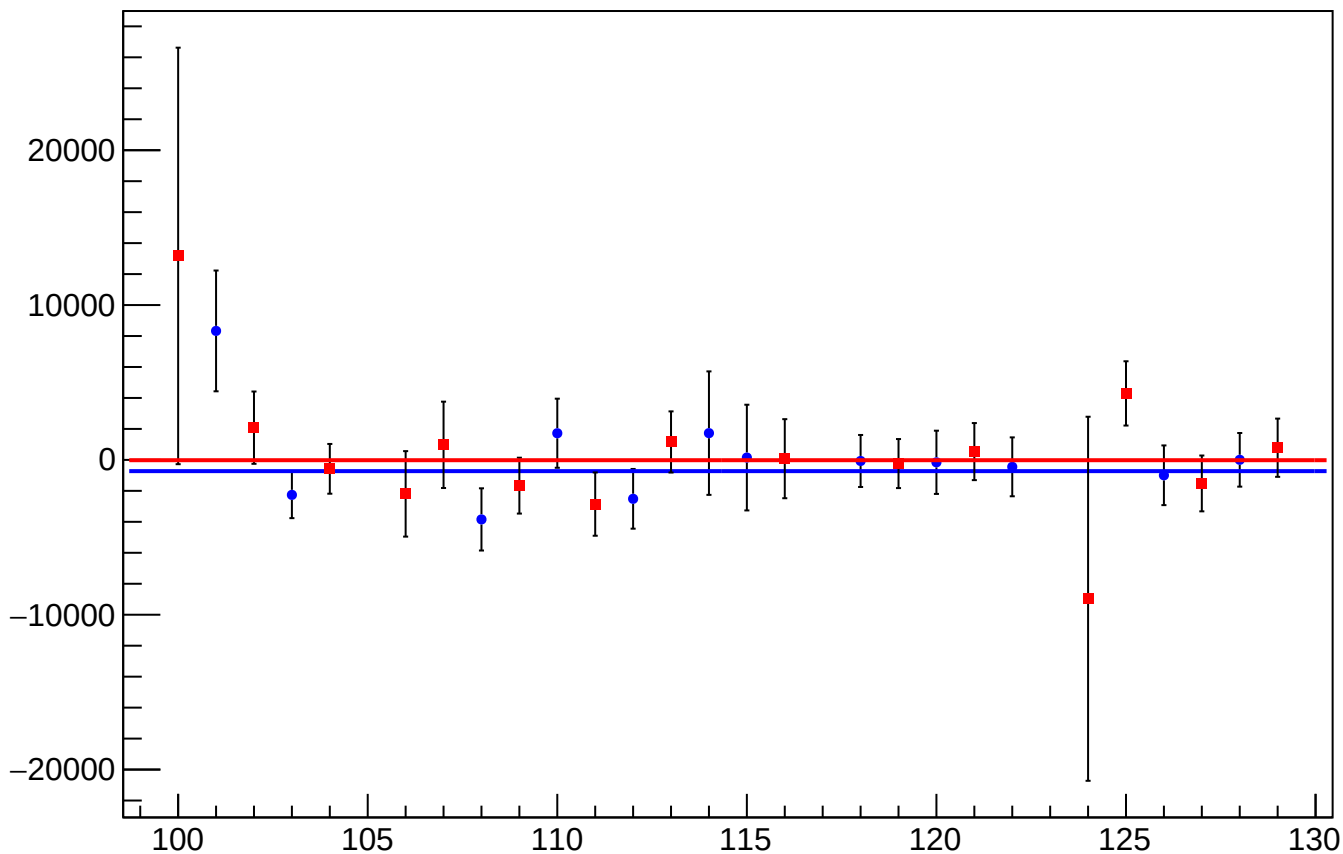
Right: 2955.676+/-0.664 χ^2/NDF : 1583758.7/26

In: 3370.806+/-1.079 χ^2/NDF :156799.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2955.676+/-0.664 χ^2/NDF : 1583758.7/26

cor_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -726.046+/-592.517 χ^2/NDF : 11.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

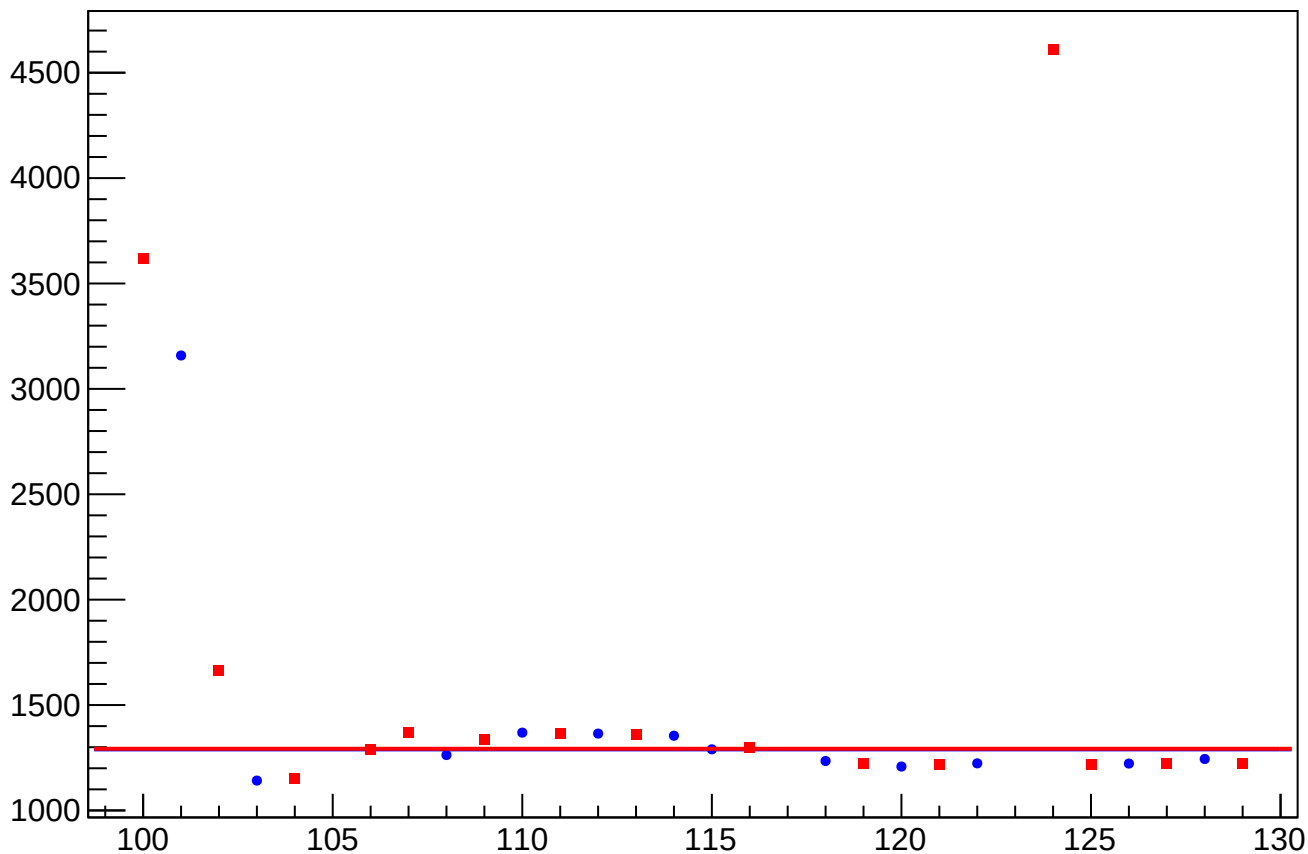
Right: -346.530+/-402.774 χ^2/NDF : 24.2/26

In: -726.046+/-592.517 χ^2/NDF : 11.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -346.530+/-402.774 χ^2/NDF : 24.2/26

cor_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1289.696+/-0.419 χ^2/NDF : 496609.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

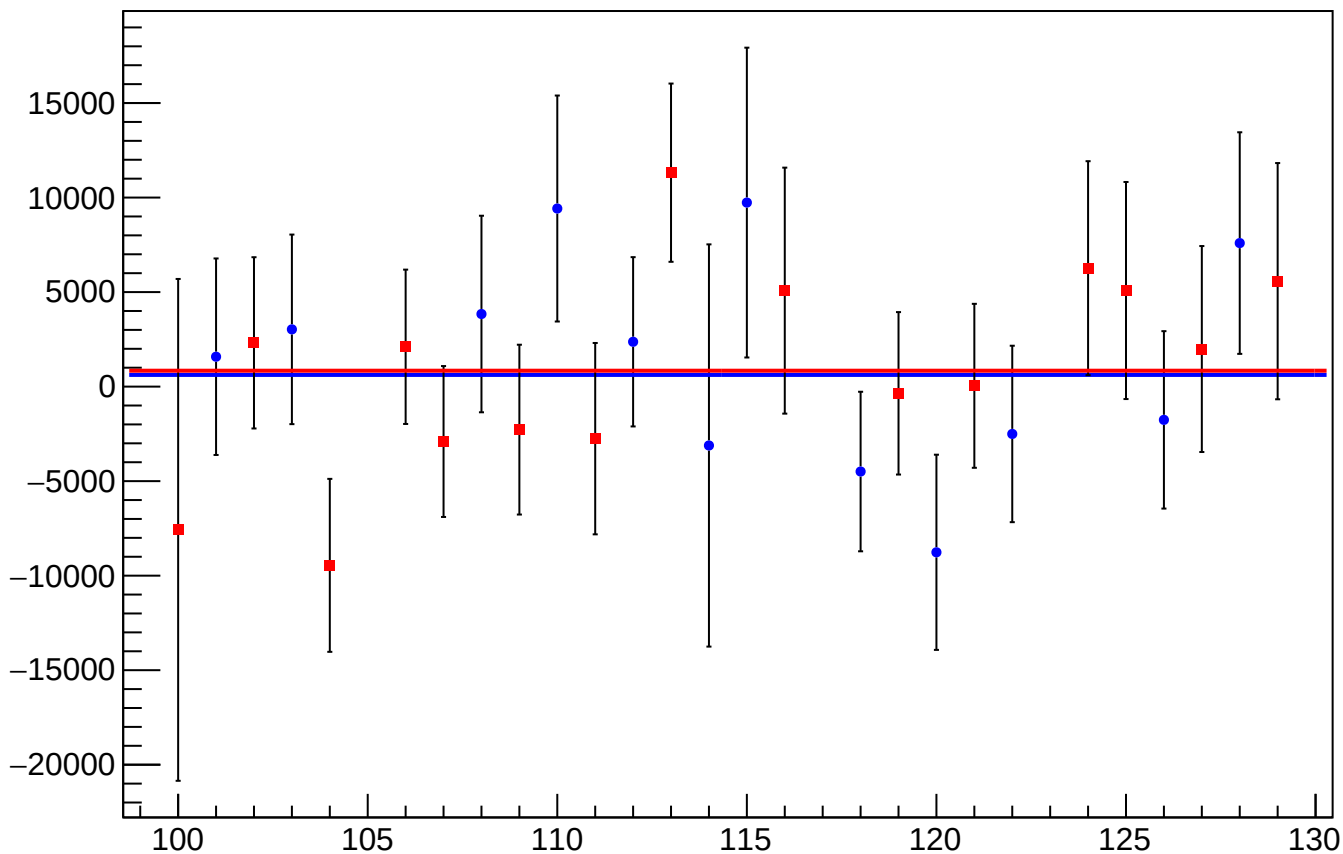
Right: 1291.196+/-0.284 χ^2/NDF : 805951.5/26

In: 1289.696+/-0.419 χ^2/NDF : 496609.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.196+/-0.284 χ^2/NDF : 805951.5/26

asym_atl_dd_atr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 618.381 $\pm$ 1525.803 χ^2 /NDF: 11.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 841.605 $\pm$ 1279.903 χ^2 /NDF: 15.1/14

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

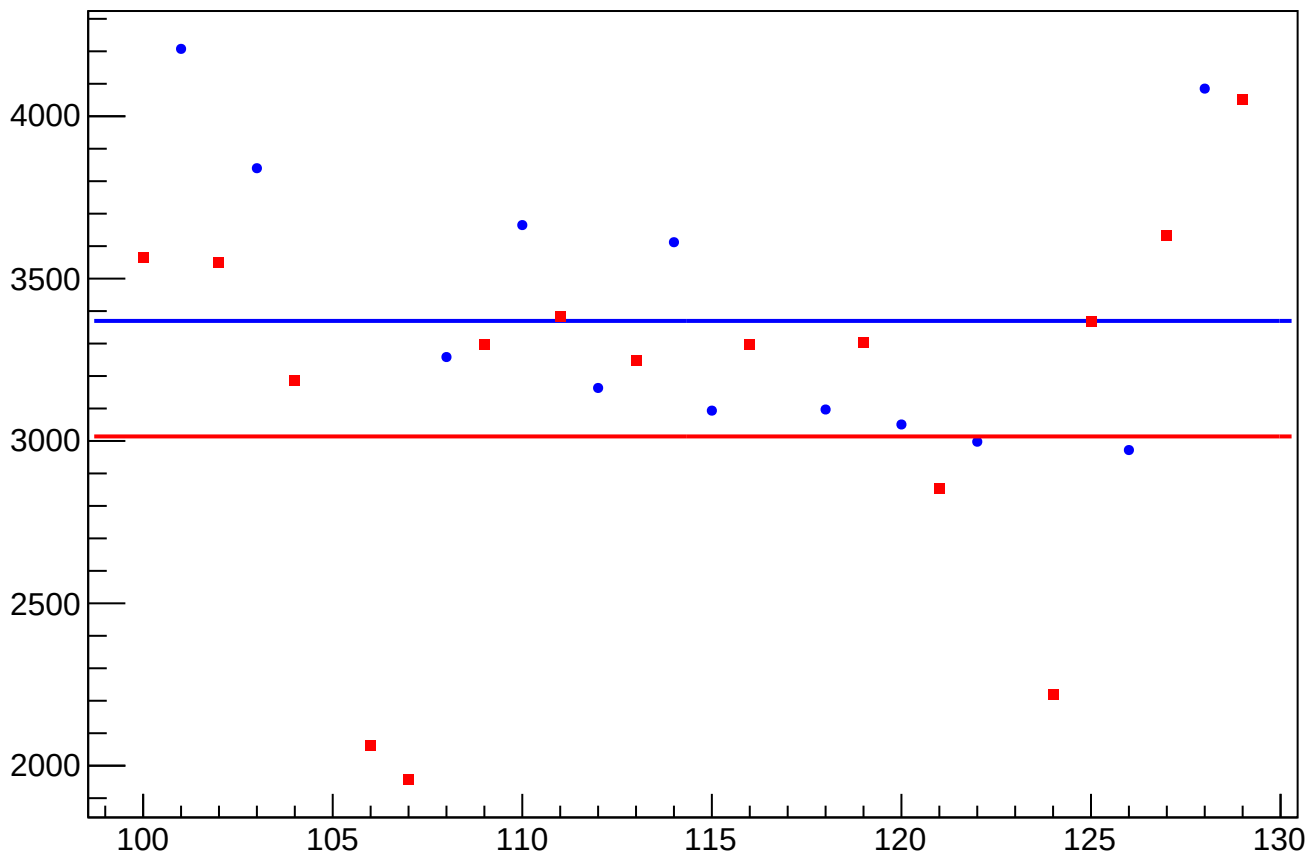
Right: 749.408 $\pm$ 980.589 χ^2 /NDF: 26.3/26

In: 618.381 $\pm$ 1525.803 χ^2 /NDF:11.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 749.408 $\pm$ 980.589 χ^2 /NDF: 26.3/26

asym_atl_dd_atr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3369.718+/-1.079 χ^2/NDF : 155787.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

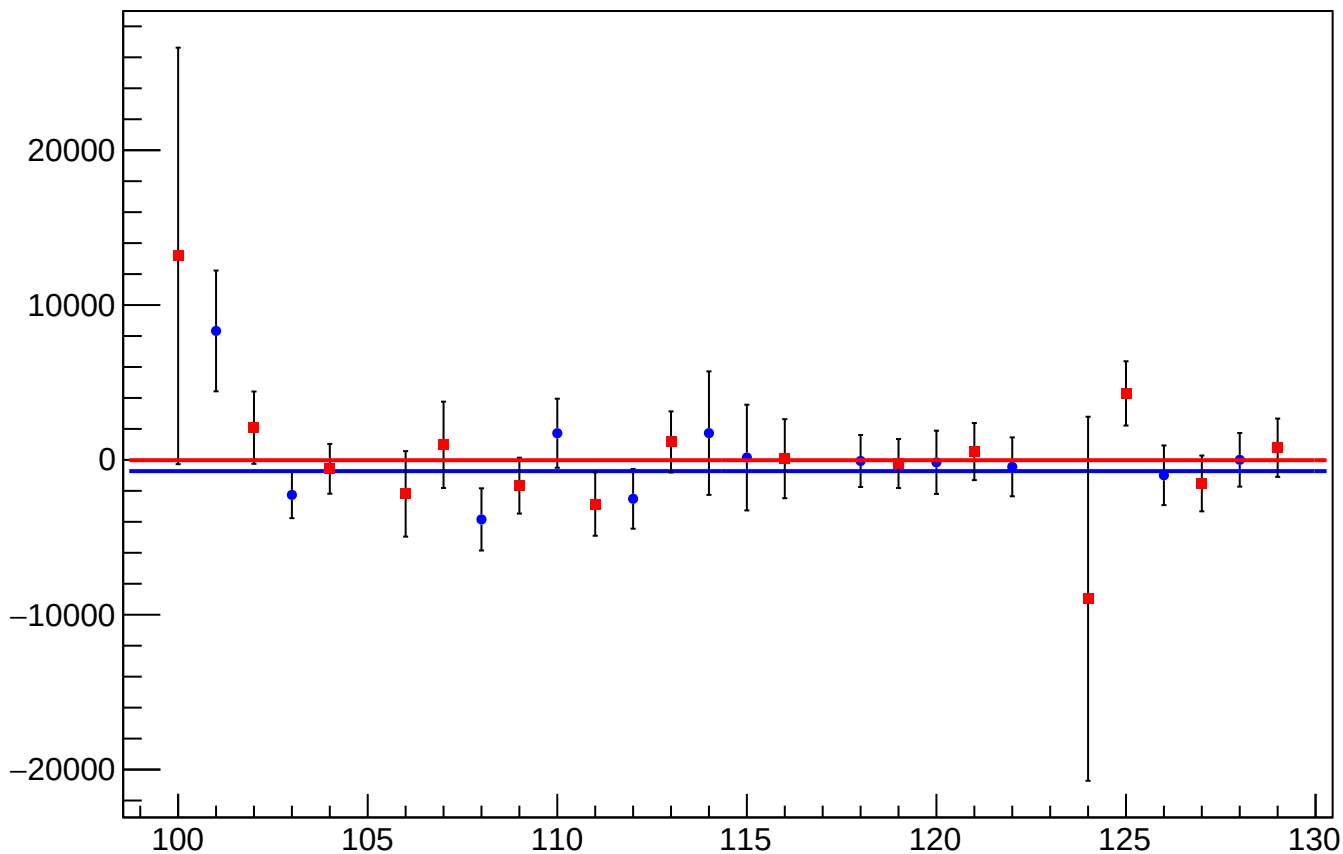
Right: 3160.898+/-0.693 χ^2/NDF : 670614.7/26

In: 3369.718+/-1.079 χ^2/NDF :155787.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3160.898+/-0.693 χ^2/NDF : 670614.7/26

eigen_cor_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -726.046+/-592.517 χ^2/NDF : 11.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

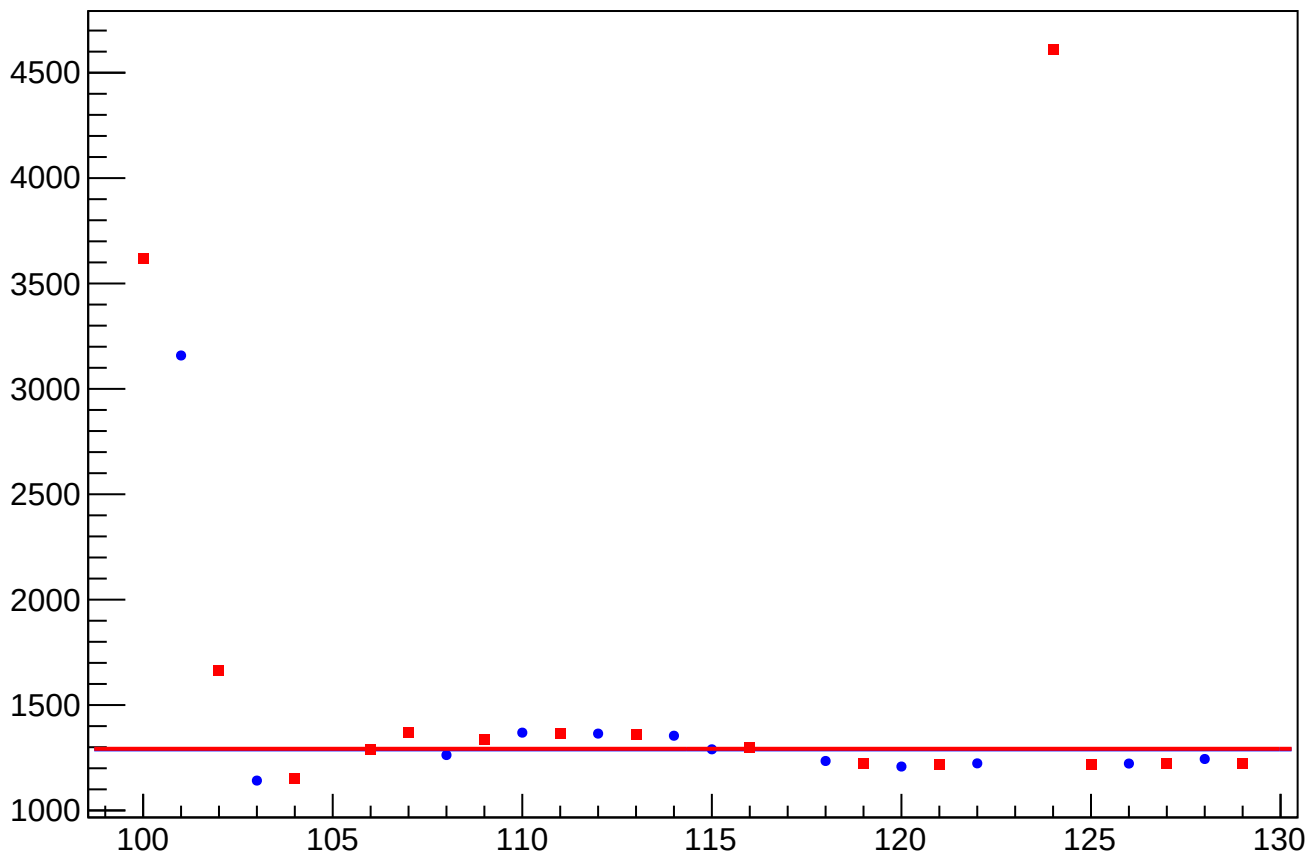
Right: -346.530+/-402.774 χ^2/NDF : 24.2/26

In: -726.046+/-592.517 χ^2/NDF : 11.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -346.530+/-402.774 χ^2/NDF : 24.2/26

eigen_cor_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1289.696+/-0.419 χ^2/NDF : 496609.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

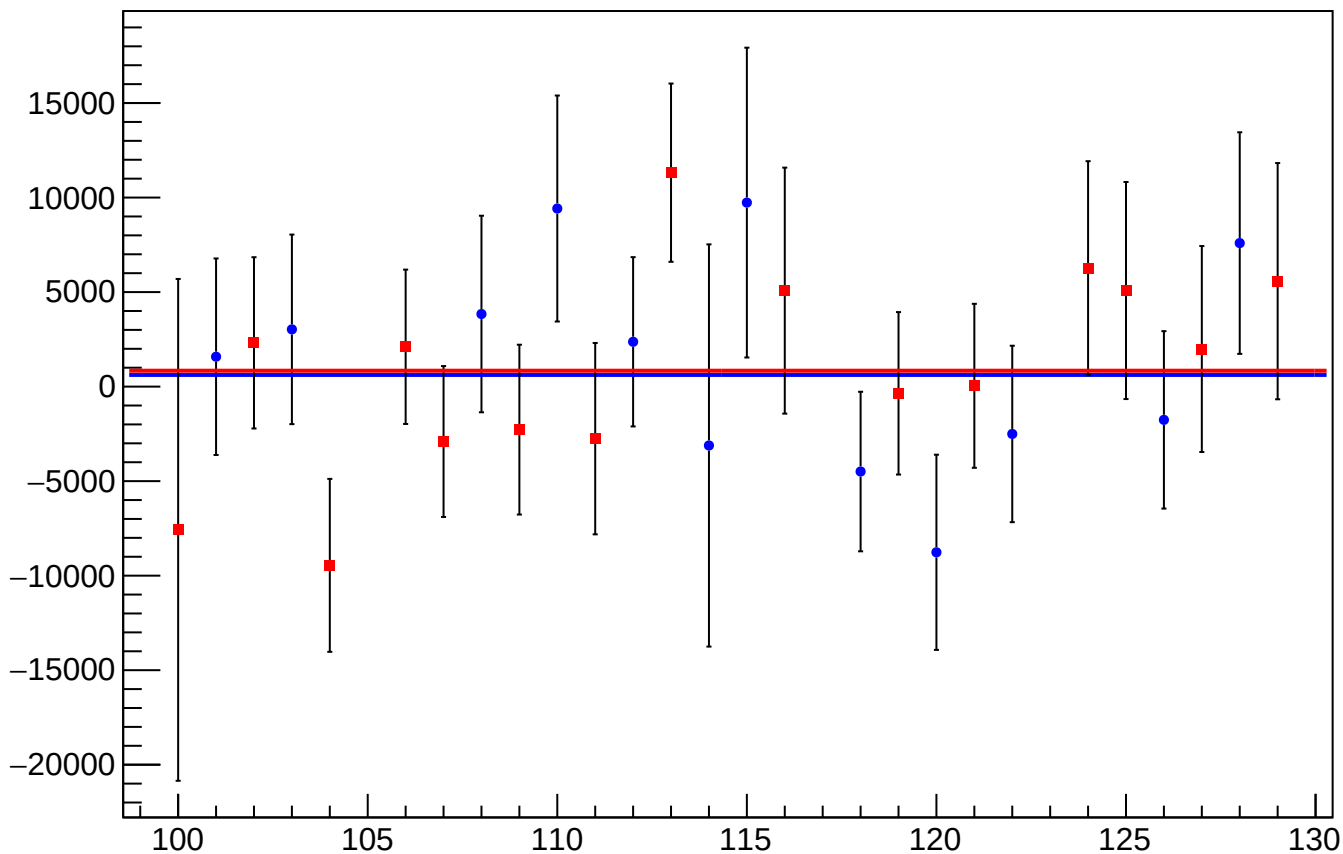
Right: 1291.196+/-0.284 χ^2/NDF : 805951.5/26

In: 1289.696+/-0.419 χ^2/NDF : 496609.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.196+/-0.284 χ^2/NDF : 805951.5/26

asym_atl_dd_atr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 618.381+/-1525.803 χ^2/NDF : 11.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

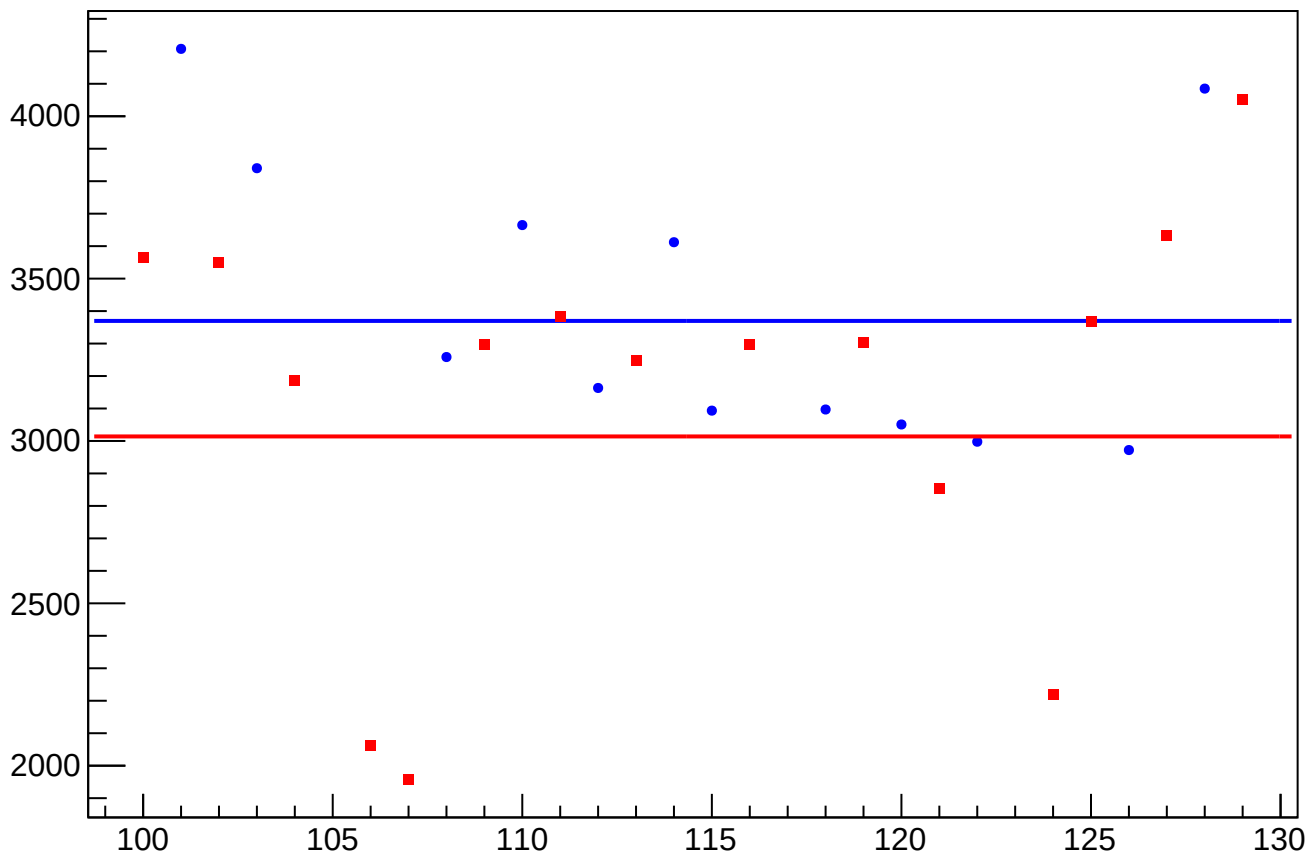
Right: 749.408+/-980.589 χ^2/NDF : 26.3/26

In: 618.381+/-1525.803 χ^2/NDF : 11.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 749.408+/-980.589 χ^2/NDF : 26.3/26

asym_atl_dd_atr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3369.718+/-1.079 χ^2/NDF : 155787.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

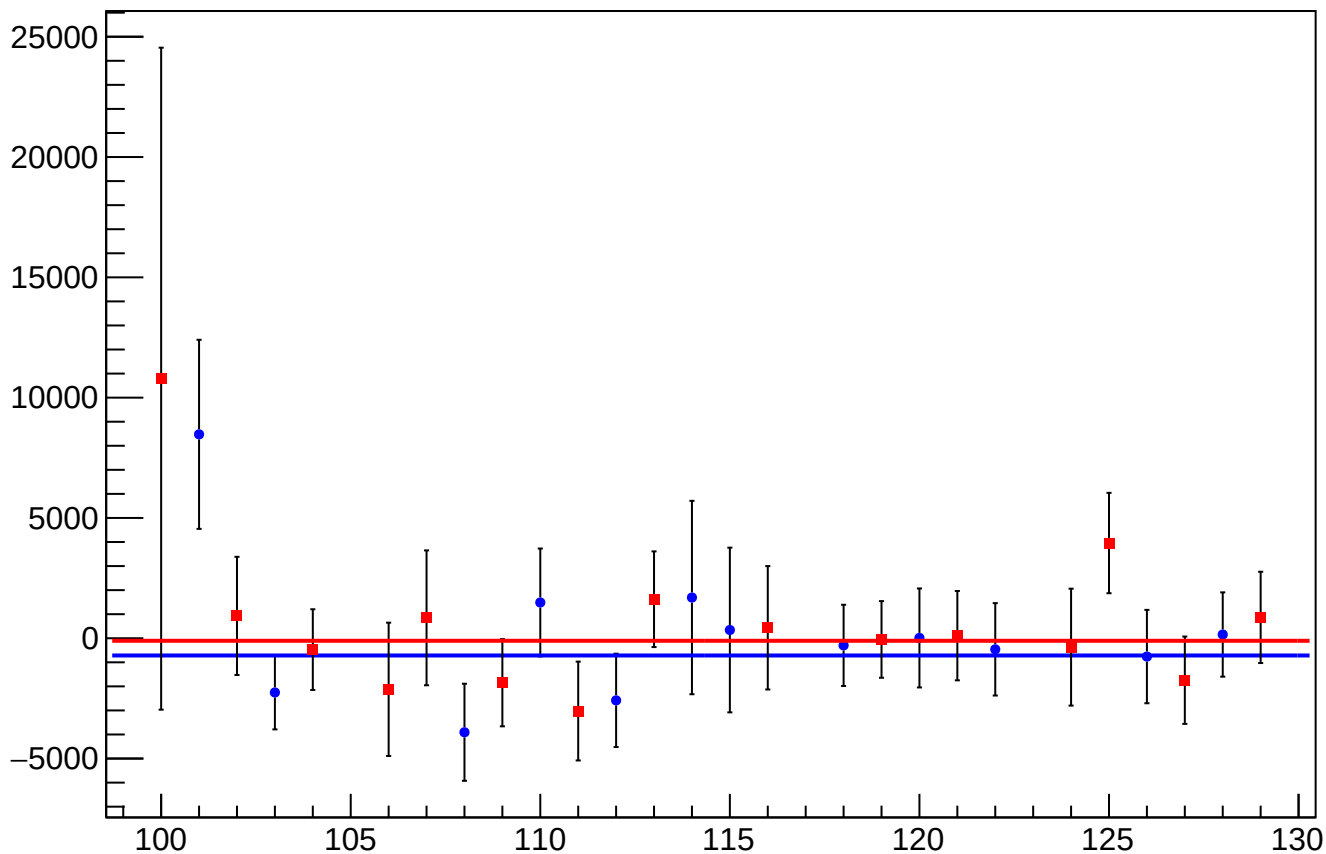
Right: 3160.898+/-0.693 χ^2/NDF : 670614.7/26

In: 3369.718+/-1.079 χ^2/NDF : 155787.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3160.898+/-0.693 χ^2/NDF : 670614.7/26

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -716.054+/-597.908 χ^2/NDF : 11.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

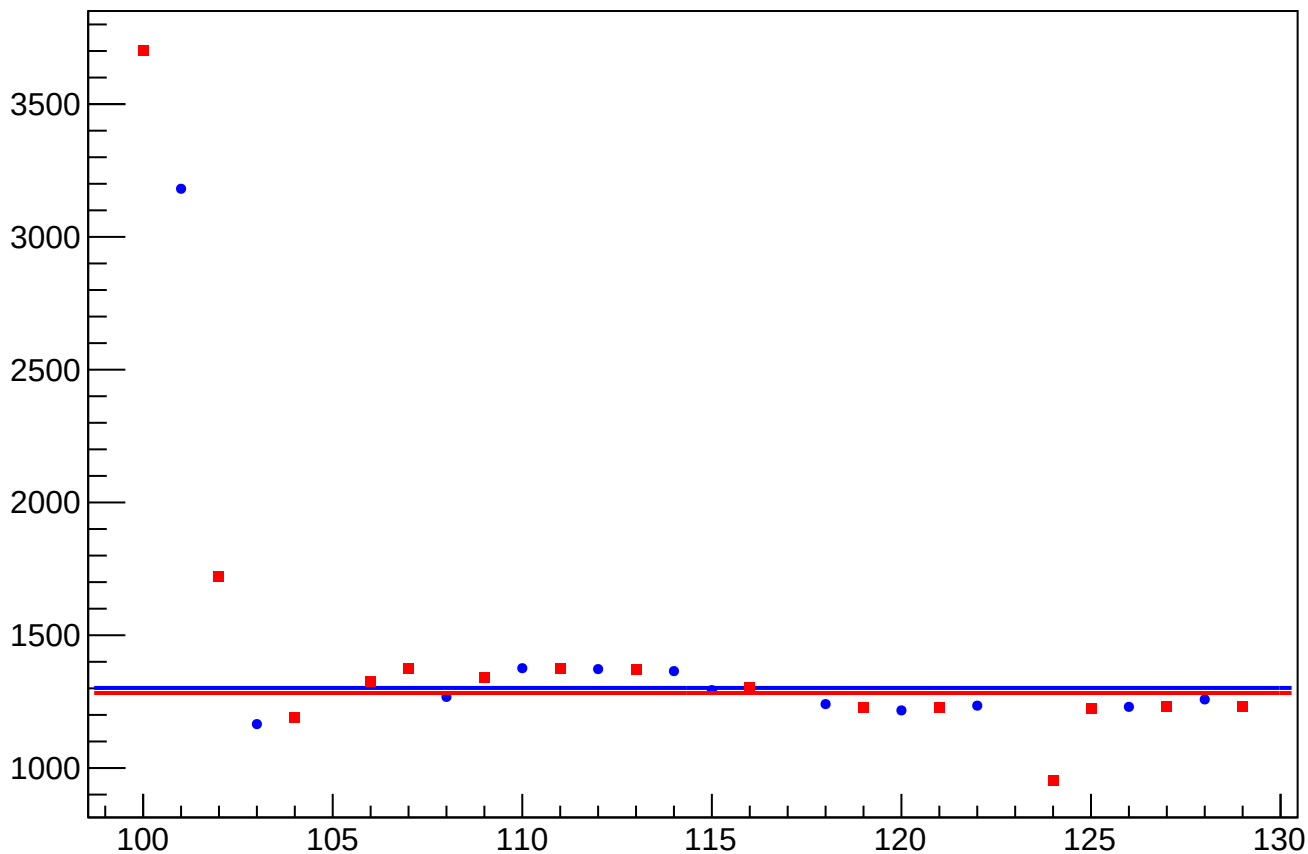
Right: -381.247+/-401.836 χ^2/NDF : 22.5/26

In: -716.054+/-597.908 χ^2/NDF : 11.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -381.247+/-401.836 χ^2/NDF : 22.5/26

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1301.611+/-0.423 χ^2/NDF : 491730.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

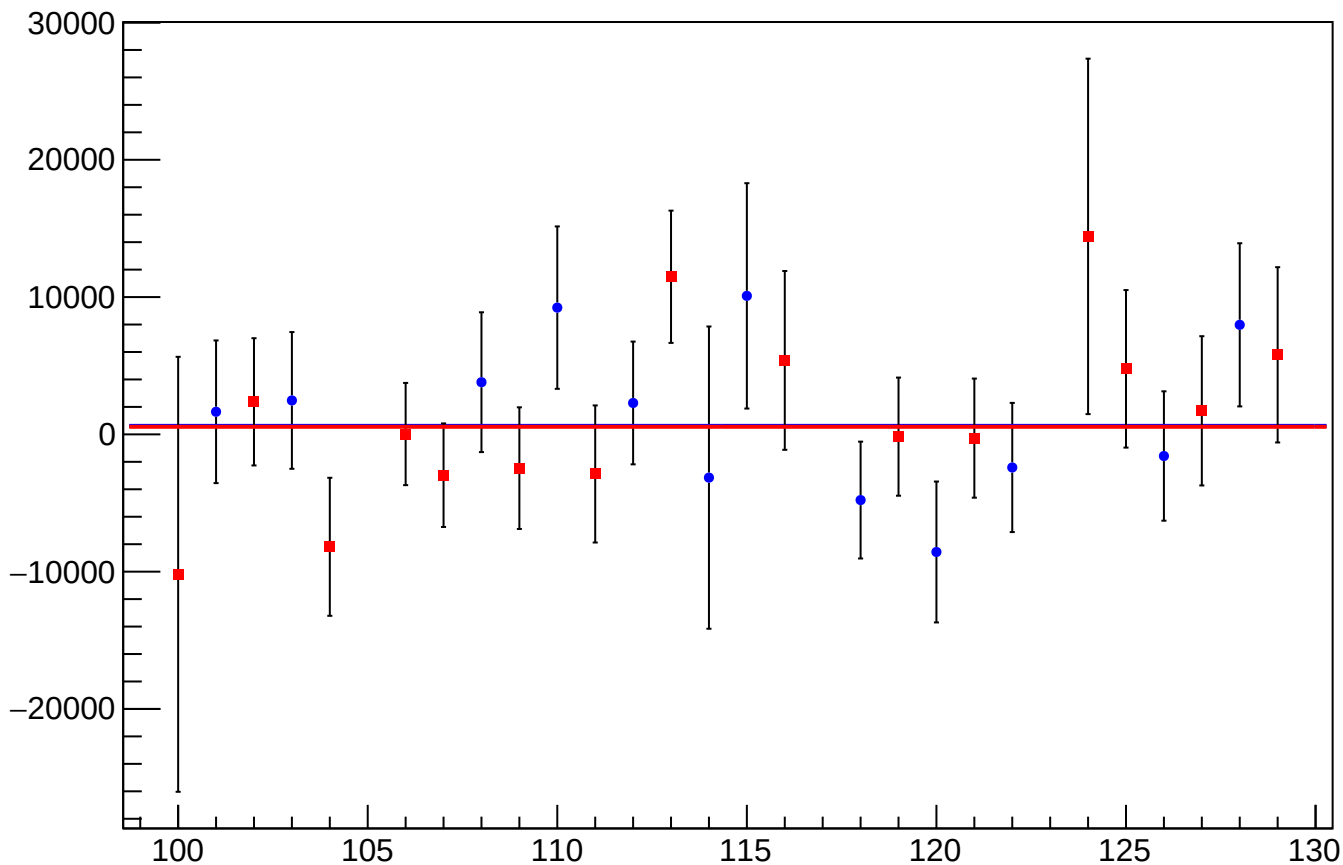
Right: 1291.095+/-0.284 χ^2/NDF : 682803.0/26

In: 1301.611+/-0.423 χ^2/NDF : 491730.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.095+/-0.284 χ^2/NDF : 682803.0/26

asym_atl_dd_atr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 618.582+/-1526.108 χ^2/NDF : 11.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

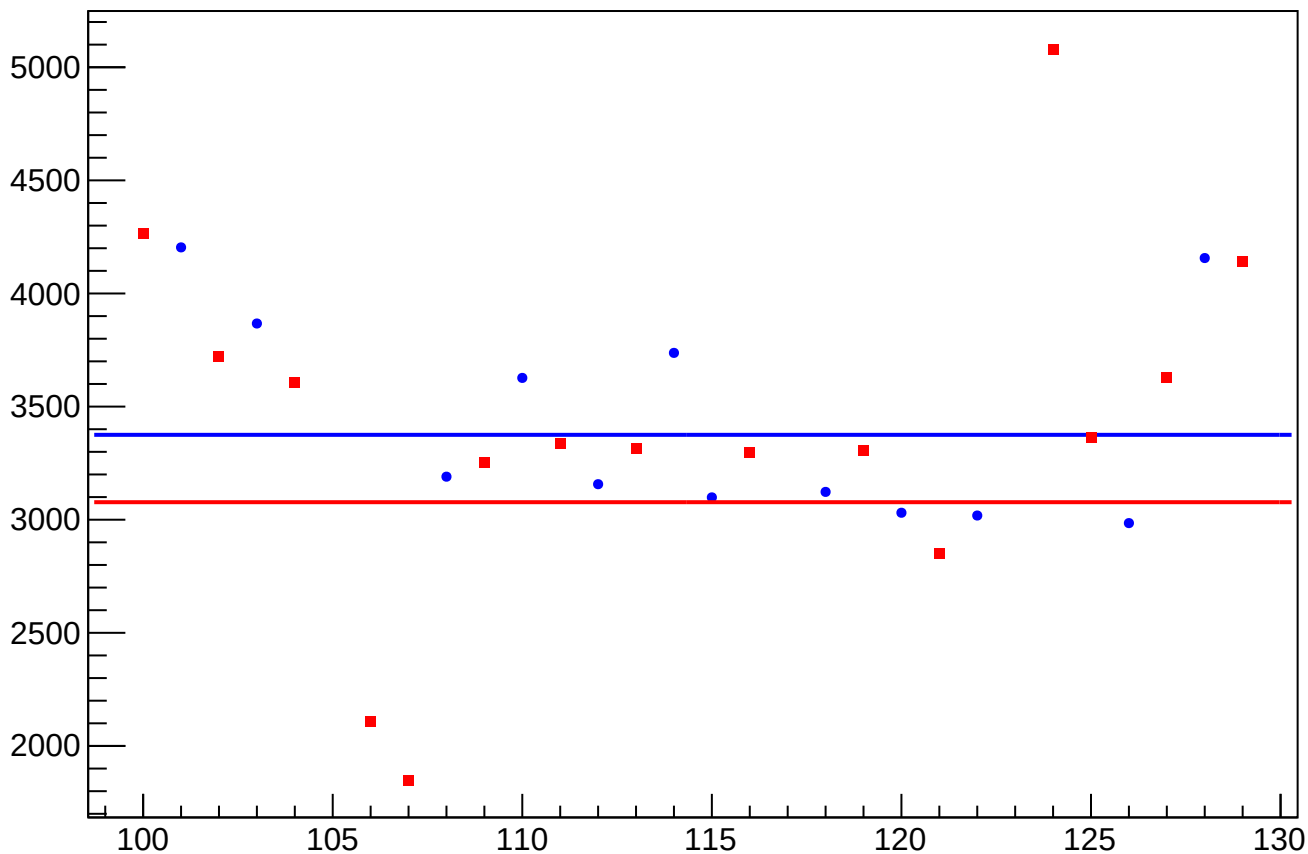
Right: 579.797+/-989.364 χ^2/NDF : 24.9/26

In: 618.582+/-1526.108 χ^2/NDF : 11.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 579.797+/-989.364 χ^2/NDF : 24.9/26

asym_atl_dd_atr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3375.180+/-1.079 χ^2/NDF : 161671.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

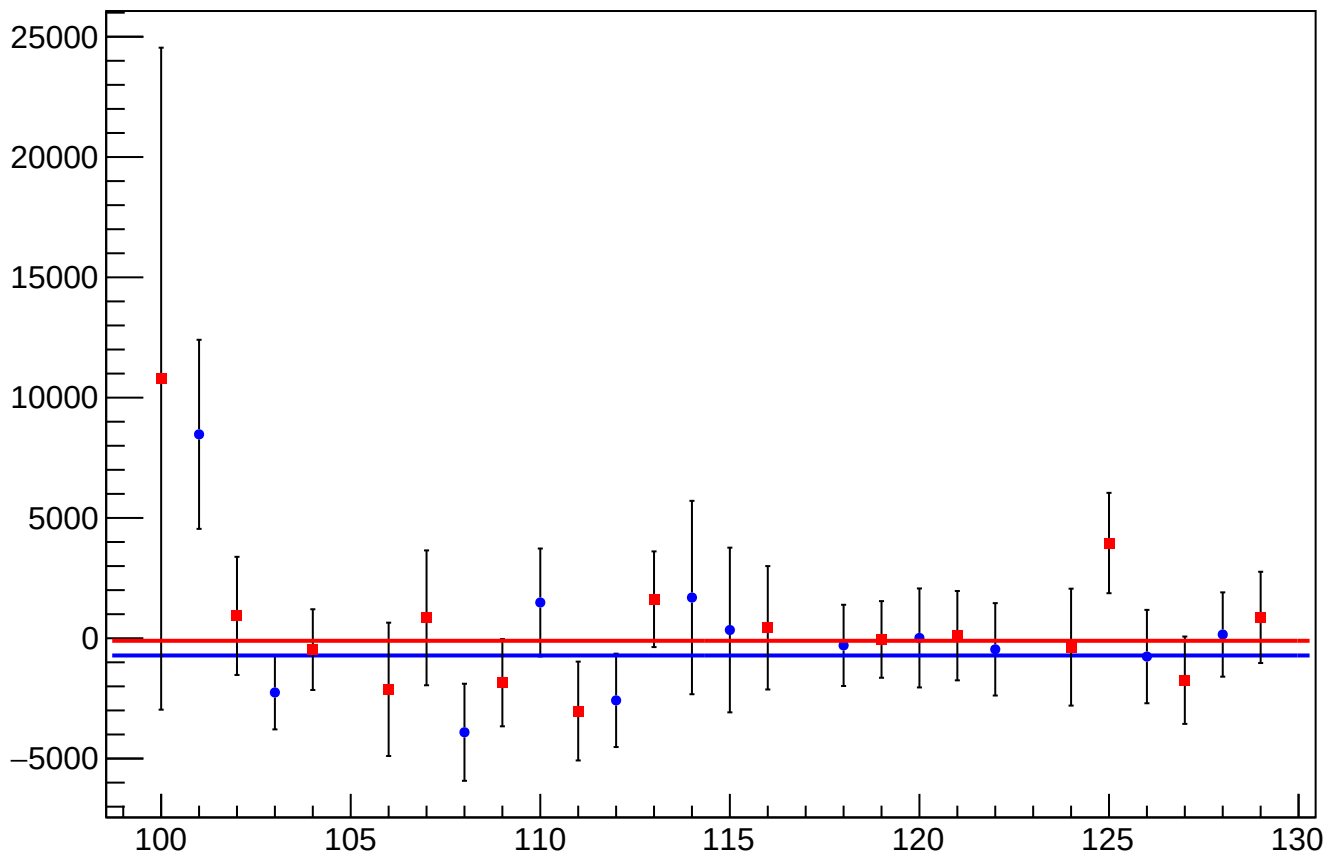
Right: 3202.570+/-0.700 χ^2/NDF : 781409.4/26

In: 3375.180+/-1.079 χ^2/NDF : 161671.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3202.570+/-0.700 χ^2/NDF : 781409.4/26

eigen_dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -716.060+/-597.908 χ^2/NDF : 11.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

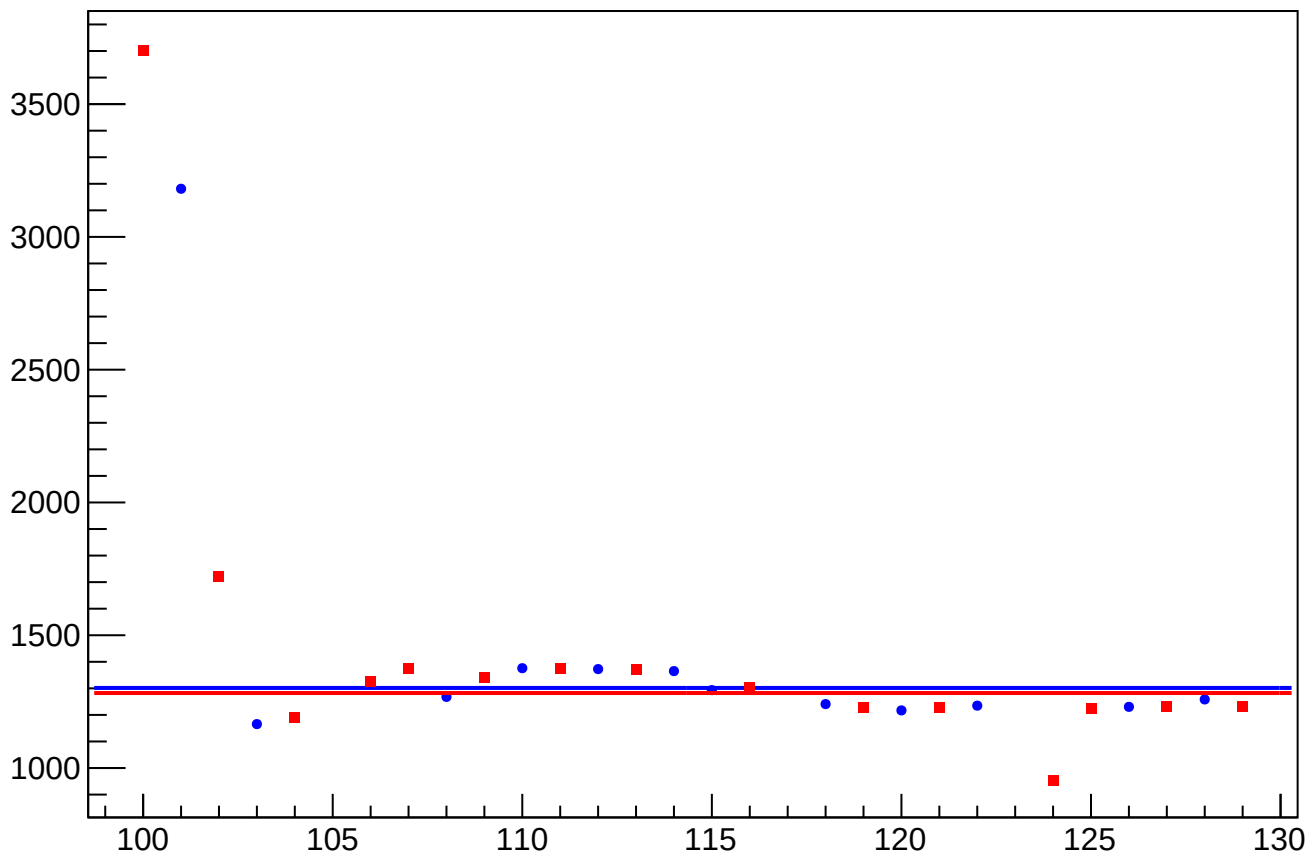
Right: -381.254+/-401.836 χ^2/NDF : 22.5/26

In: -716.060+/-597.908 χ^2/NDF : 11.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -381.254+/-401.836 χ^2/NDF : 22.5/26

eigen_dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1301.611+/-0.423 χ^2/NDF : 491730.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

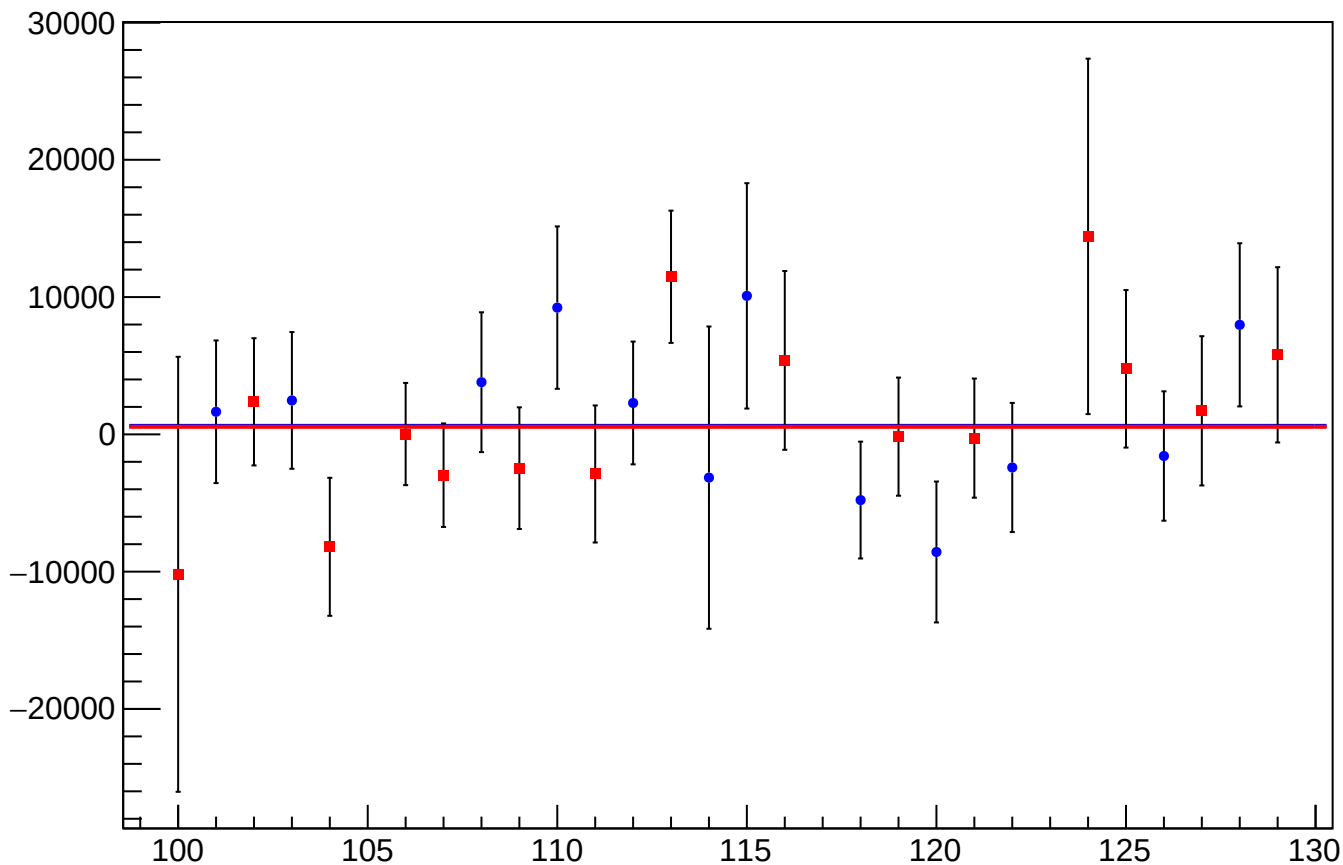
Right: 1291.095+/-0.284 χ^2/NDF : 682803.2/26

In: 1301.611+/-0.423 χ^2/NDF : 491730.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.095+/-0.284 χ^2/NDF : 682803.2/26

asym_atl_dd_atr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 618.574+/-1526.103 χ^2/NDF : 11.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

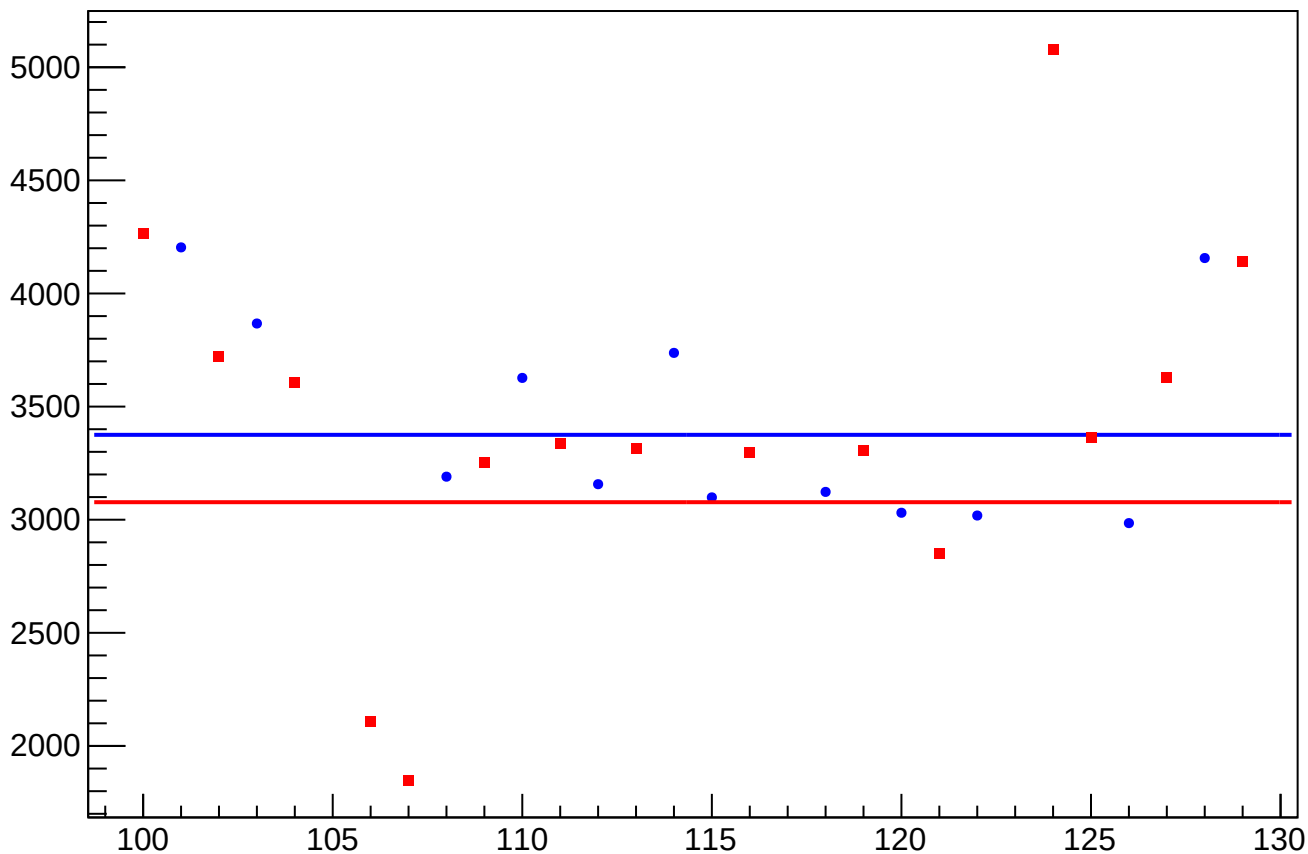
Right: 579.791+/-989.361 χ^2/NDF : 24.9/26

In: 618.574+/-1526.103 χ^2/NDF : 11.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 579.791+/-989.361 χ^2/NDF : 24.9/26

asym_atl_dd_atr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3375.169+/-1.079 χ^2/NDF : 161674.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

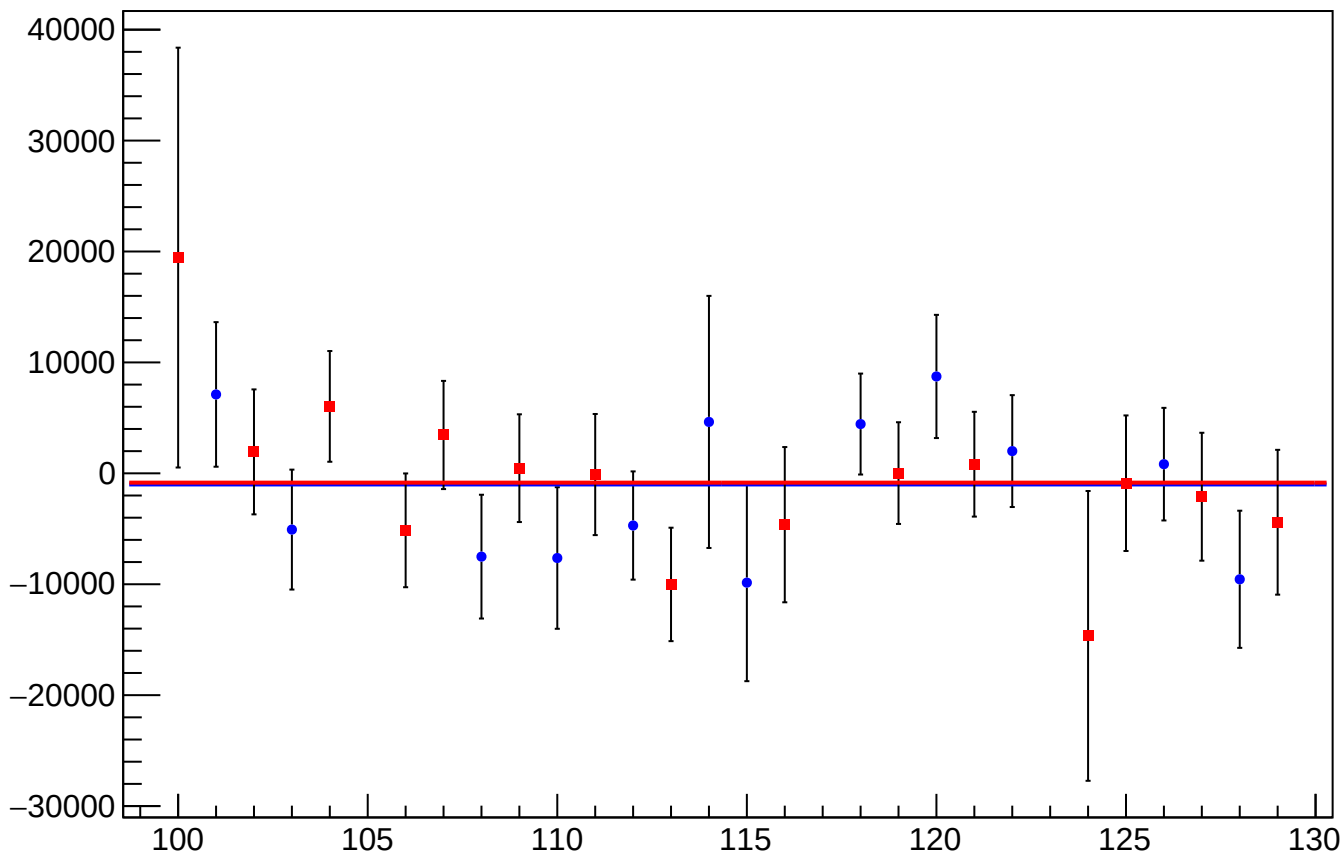
Right: 3202.560+/-0.700 χ^2/NDF : 781412.5/26

In: 3375.169+/-1.079 χ^2/NDF : 161674.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3202.560+/-0.700 χ^2/NDF : 781412.5/26

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1002.920+/-1662.422 χ^2/NDF : 13.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

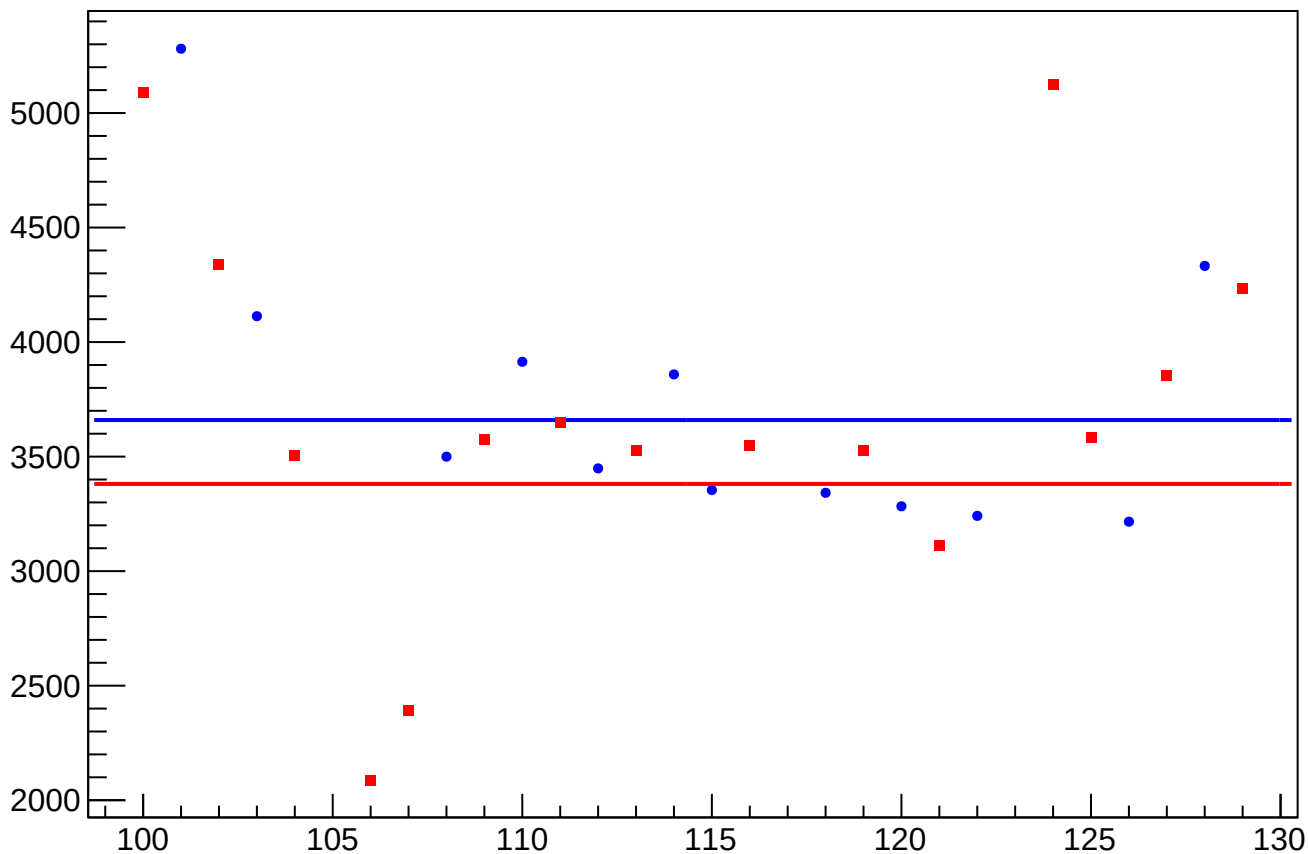
Right: -911.131+/-1097.972 χ^2/NDF : 23.3/26

In: -1002.920+/-1662.422 χ^2/NDF : 13.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -911.131+/-1097.972 χ^2/NDF : 23.3/26

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3659.613+/-1.175 χ^2/NDF : 220965.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

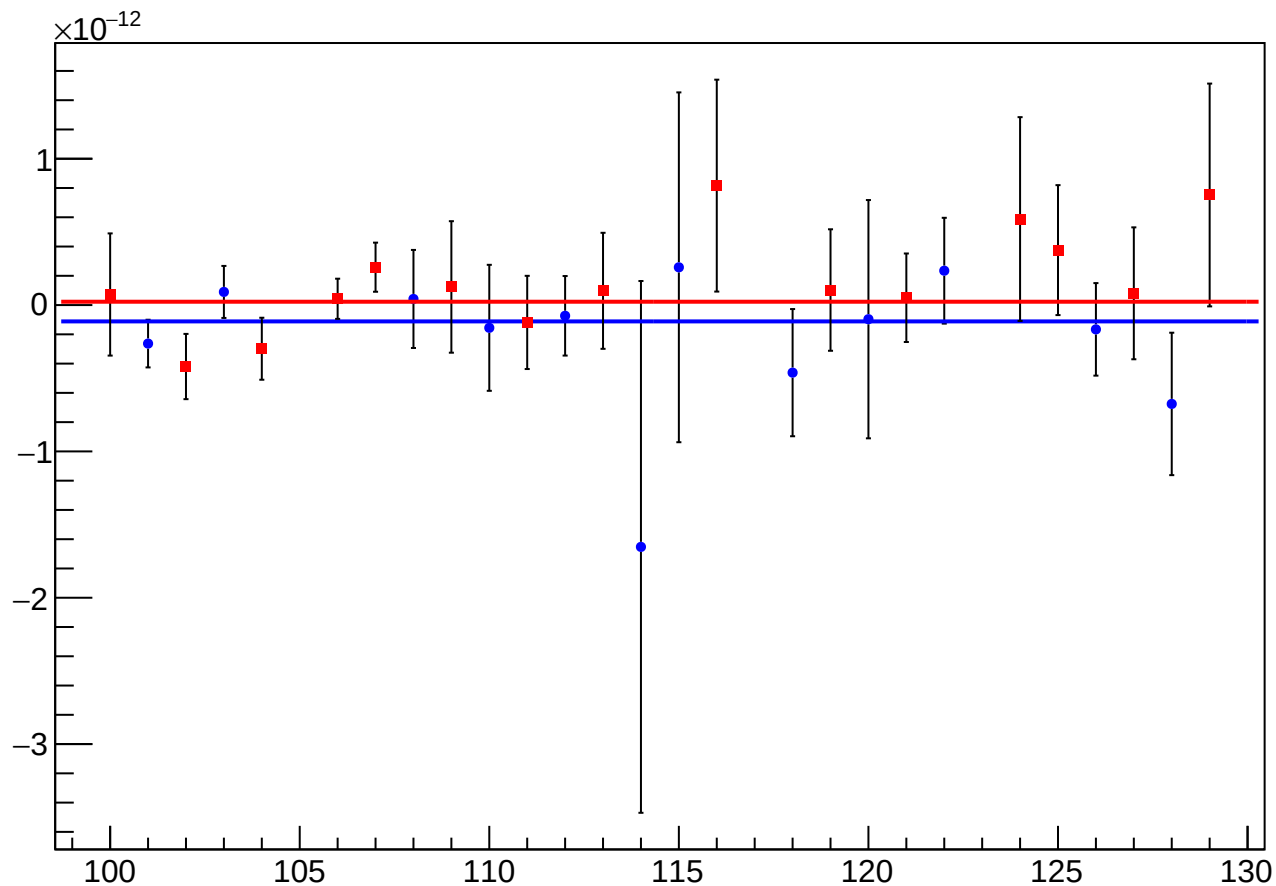
Right: 3500.182+/-0.769 χ^2/NDF : 694561.6/26

In: 3659.613+/-1.175 χ^2/NDF : 220965.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3500.182+/-0.769 χ^2/NDF : 694561.6/26

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.1/11

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

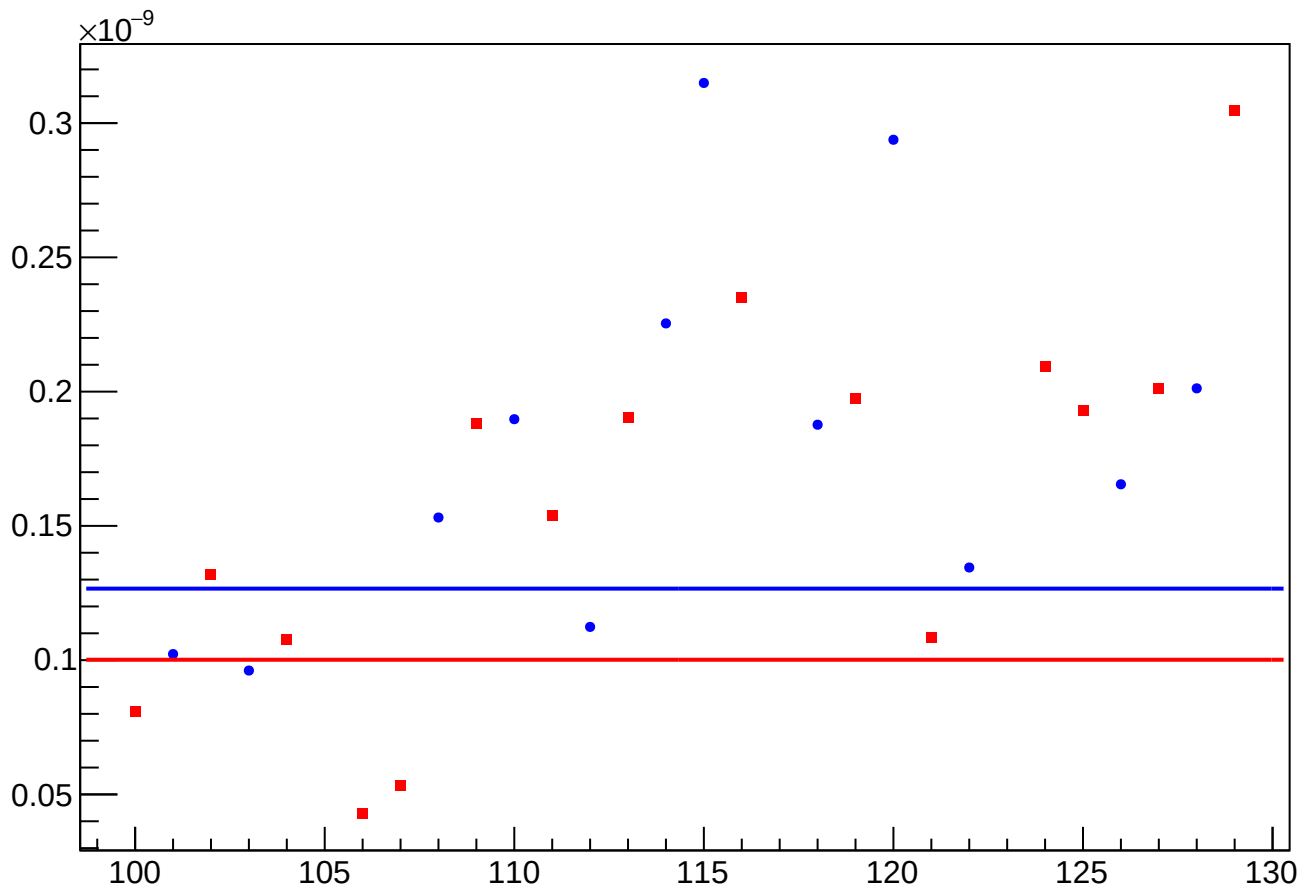
Right: -0.000+/-0.000 χ^2/NDF : 19.5/26

In: -0.000+/-0.000 χ^2/NDF : 6.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.5/26

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 422104.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

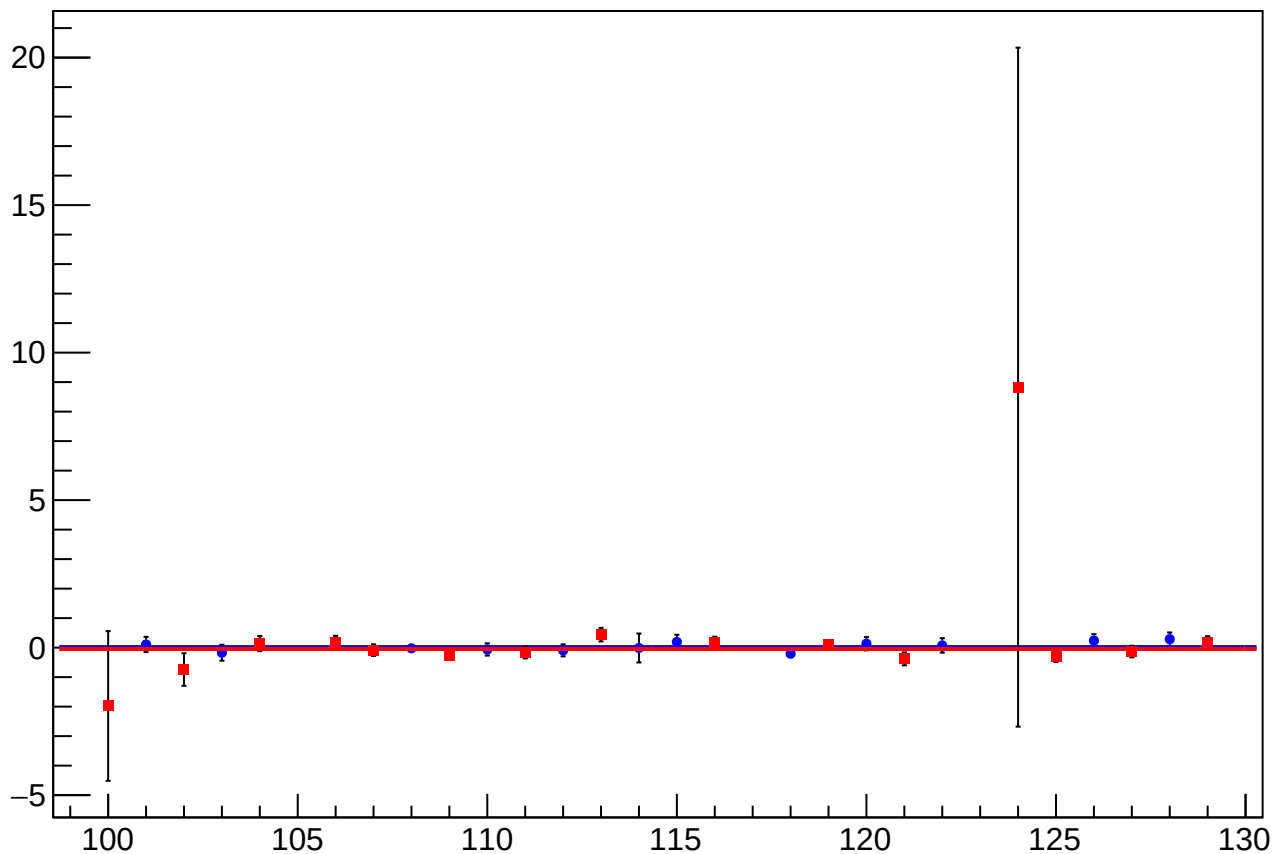
Right: 0.000+/-0.000 χ^2/NDF : 1878712.5/26

In: 0.000+/-0.000 χ^2/NDF : 422104.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1878712.5/26

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.063 χ^2/NDF : 6.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.047+/-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

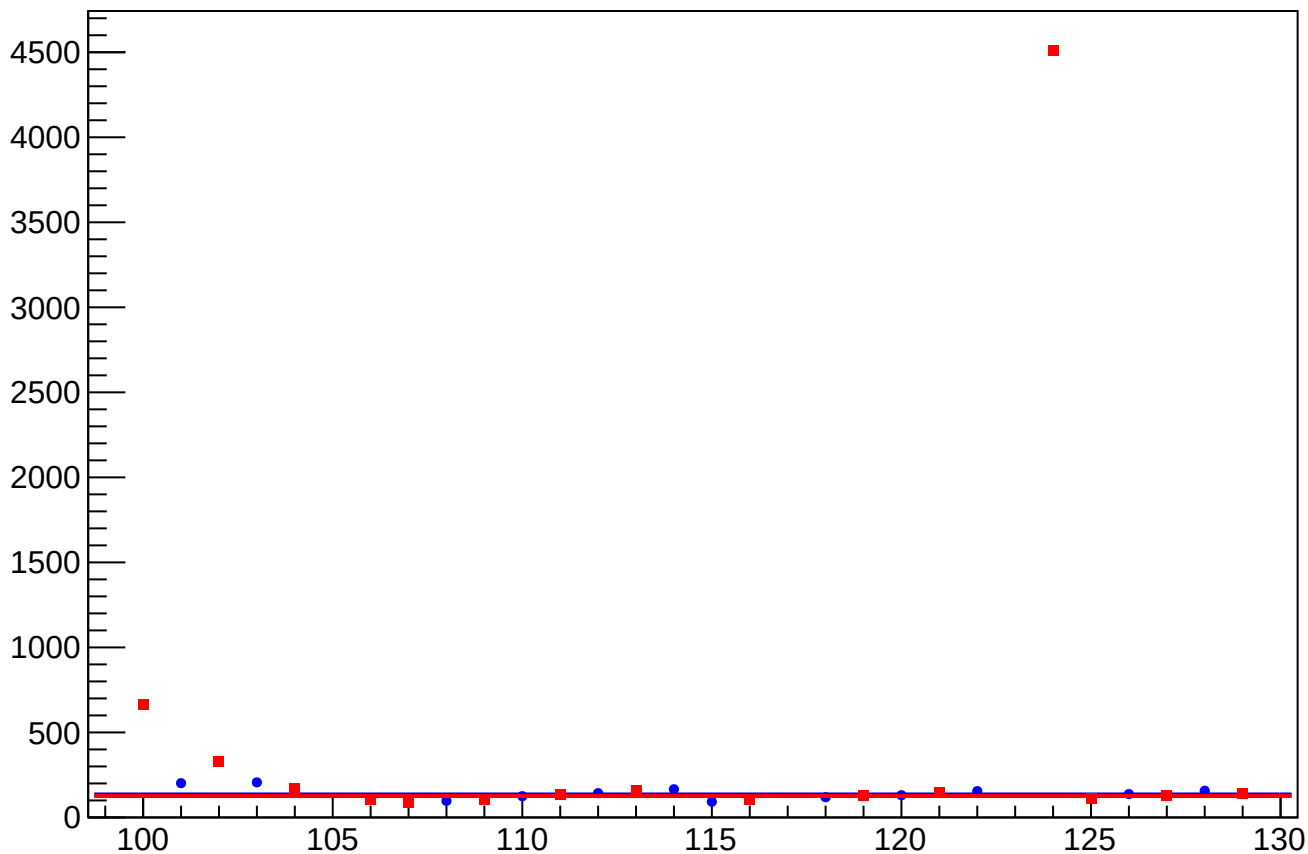
Right: -0.018+/-0.042 χ^2/NDF : 24.8/26

In: 0.018+/-0.063 χ^2/NDF : 6.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.018+/-0.042 χ^2/NDF : 24.8/26

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 135.116 $\pm$ 0.045 χ^2 /NDF: 507194.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 126.024 $\pm$ 0.040 χ^2 /NDF: 921541.9/14

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

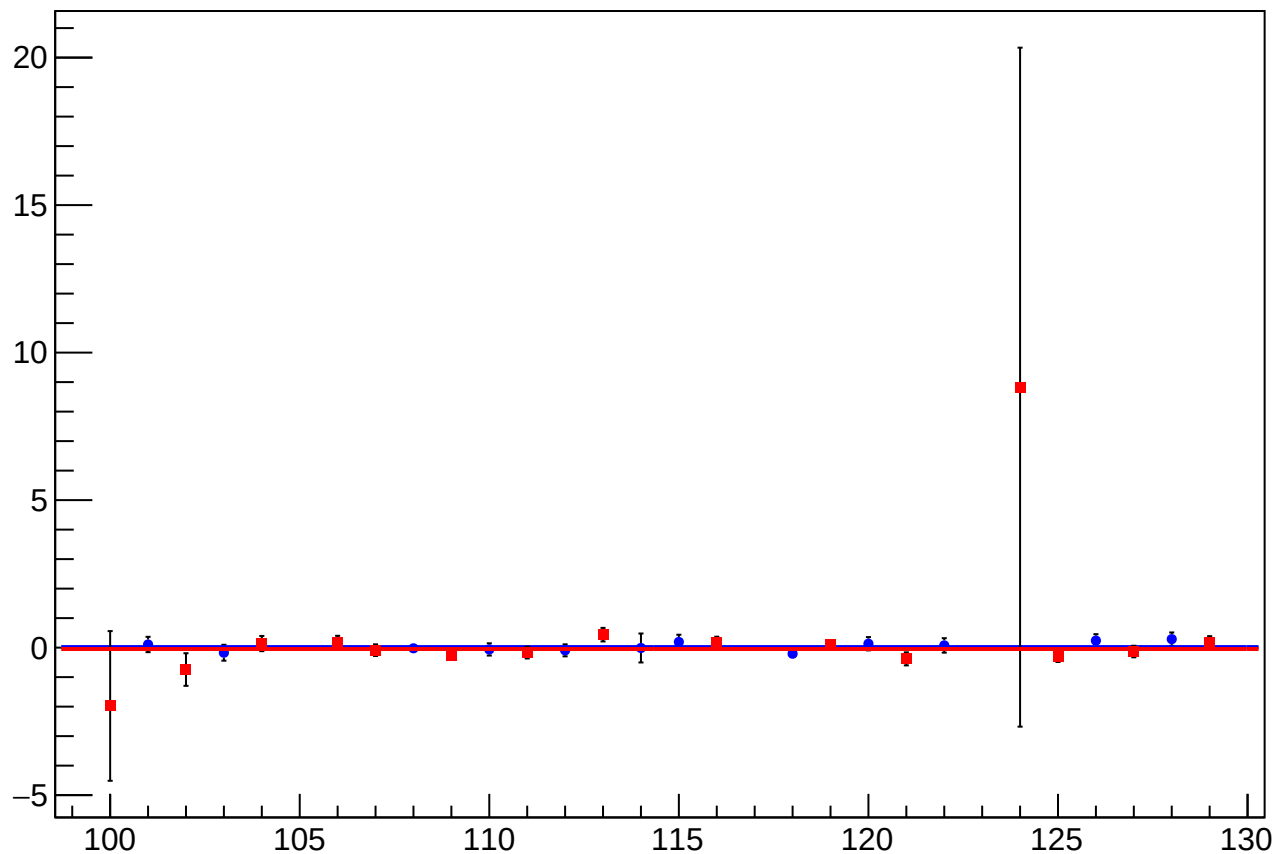
Right: 130.107 $\pm$ 0.030 χ^2 /NDF: 1451519.6/26

In: 135.116 $\pm$ 0.045 χ^2 /NDF:507194.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 130.107 $\pm$ 0.030 χ^2 /NDF: 1451519.6/26

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.063 χ^2/NDF : 6.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.047+/-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

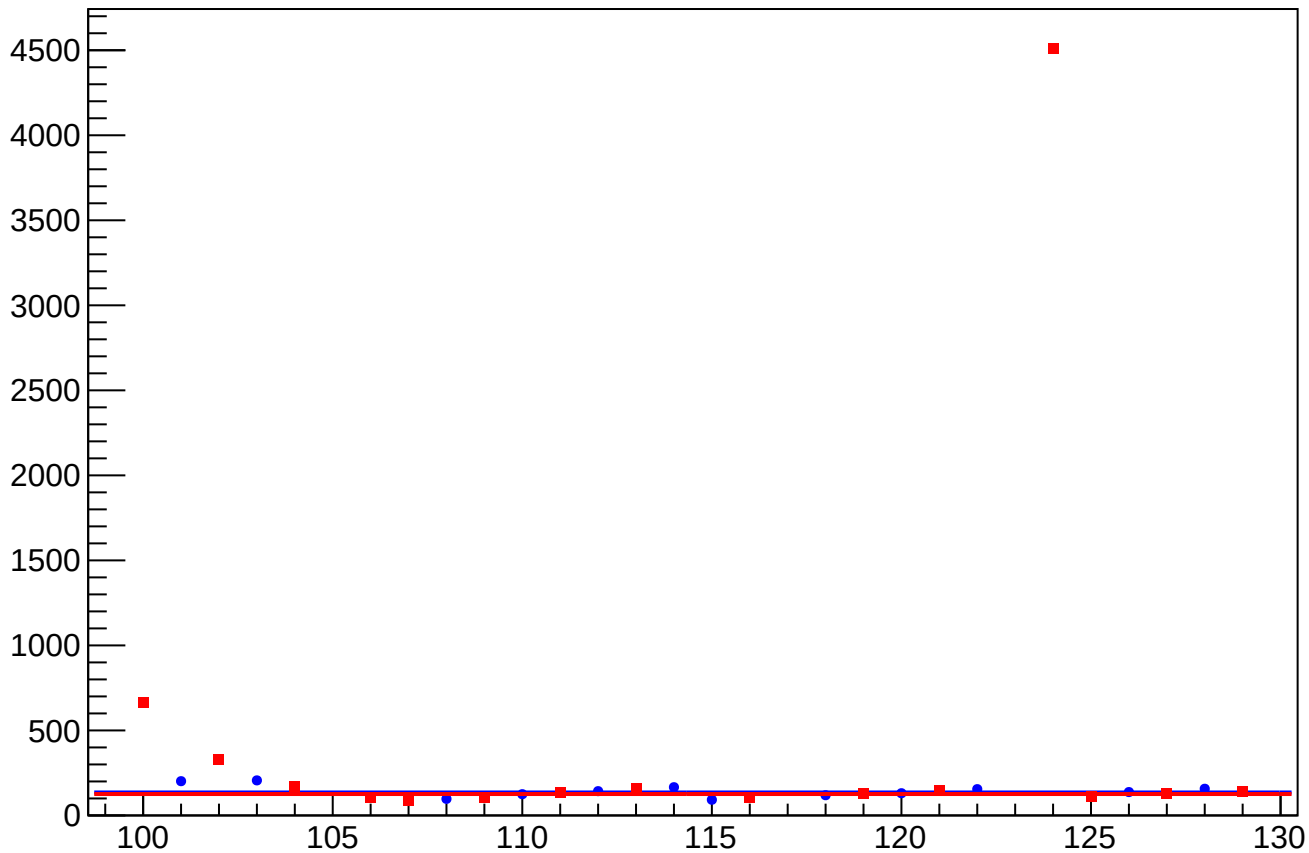
Right: -0.018+/-0.042 χ^2/NDF : 24.8/26

In: 0.018+/-0.063 χ^2/NDF : 6.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.018+/-0.042 χ^2/NDF : 24.8/26

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 135.116+/-0.045 χ^2/NDF : 507194.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

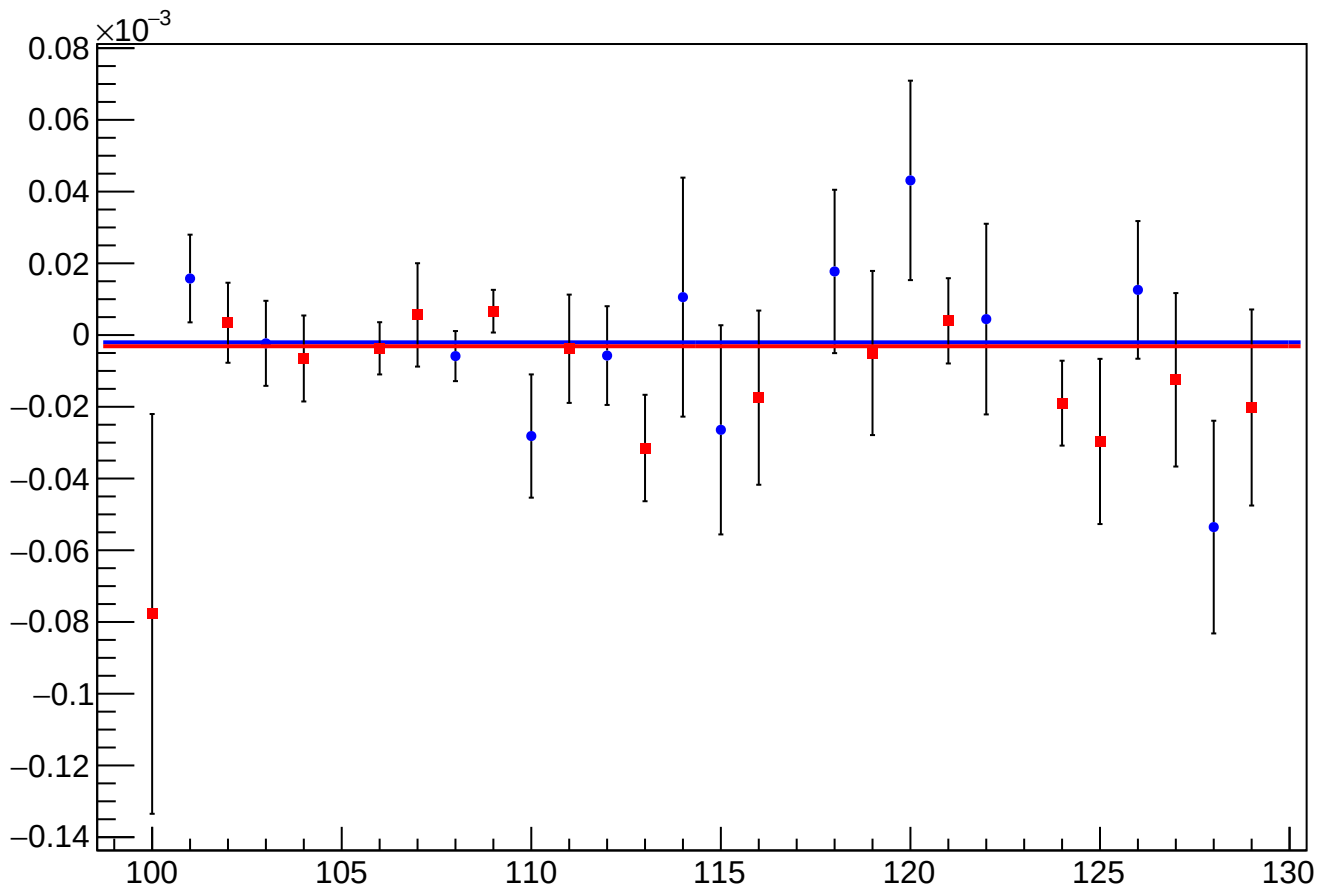
Right: 130.107+/-0.030 χ^2/NDF : 1451519.6/26

In: 135.116+/-0.045 χ^2/NDF : 507194.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.107+/-0.030 χ^2/NDF : 1451519.6/26

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 : 12.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

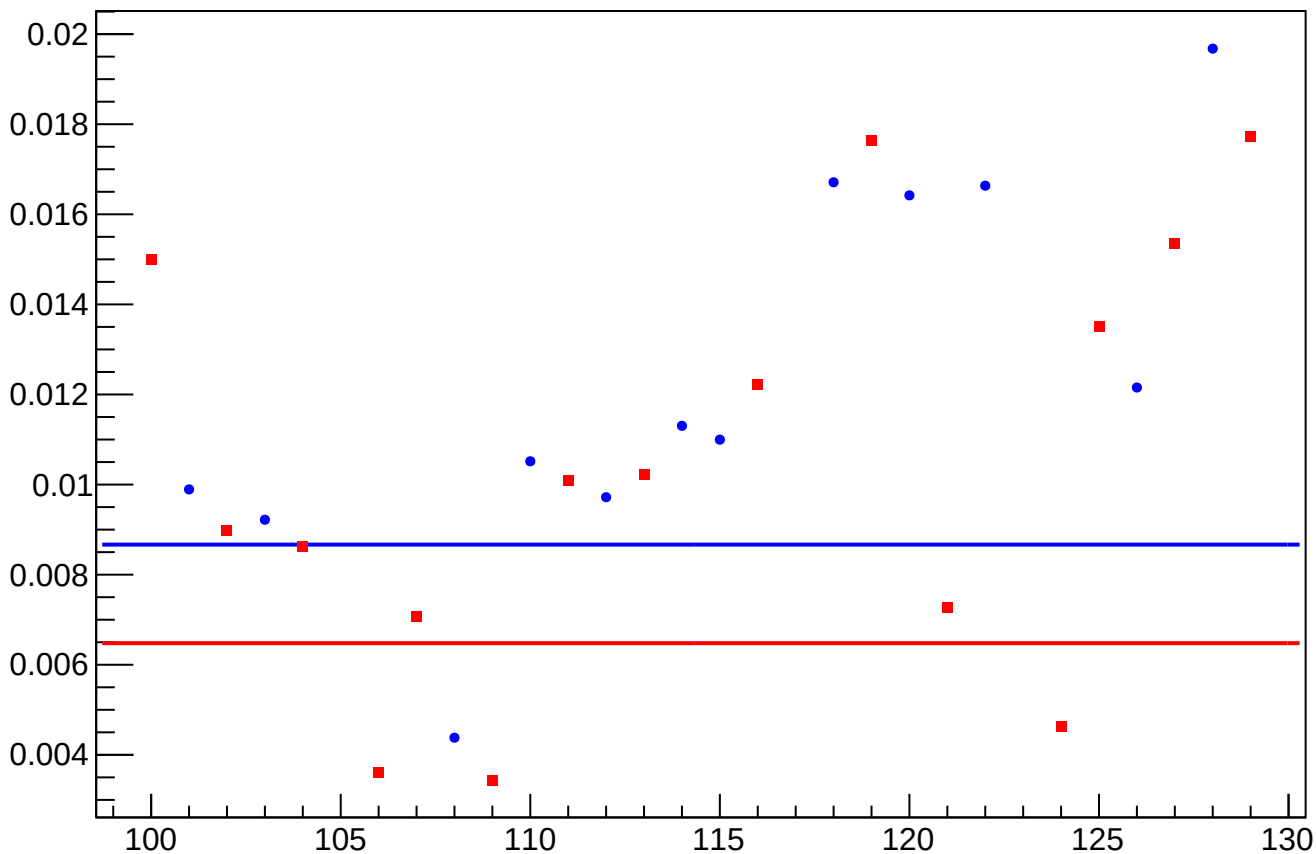
Right: -0.000+/-0.000 χ^2/NDF : 26.1/26

In: -0.000+/-0.000 χ^2/NDF : 12.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.1/26

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 : 1764471.4/11

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

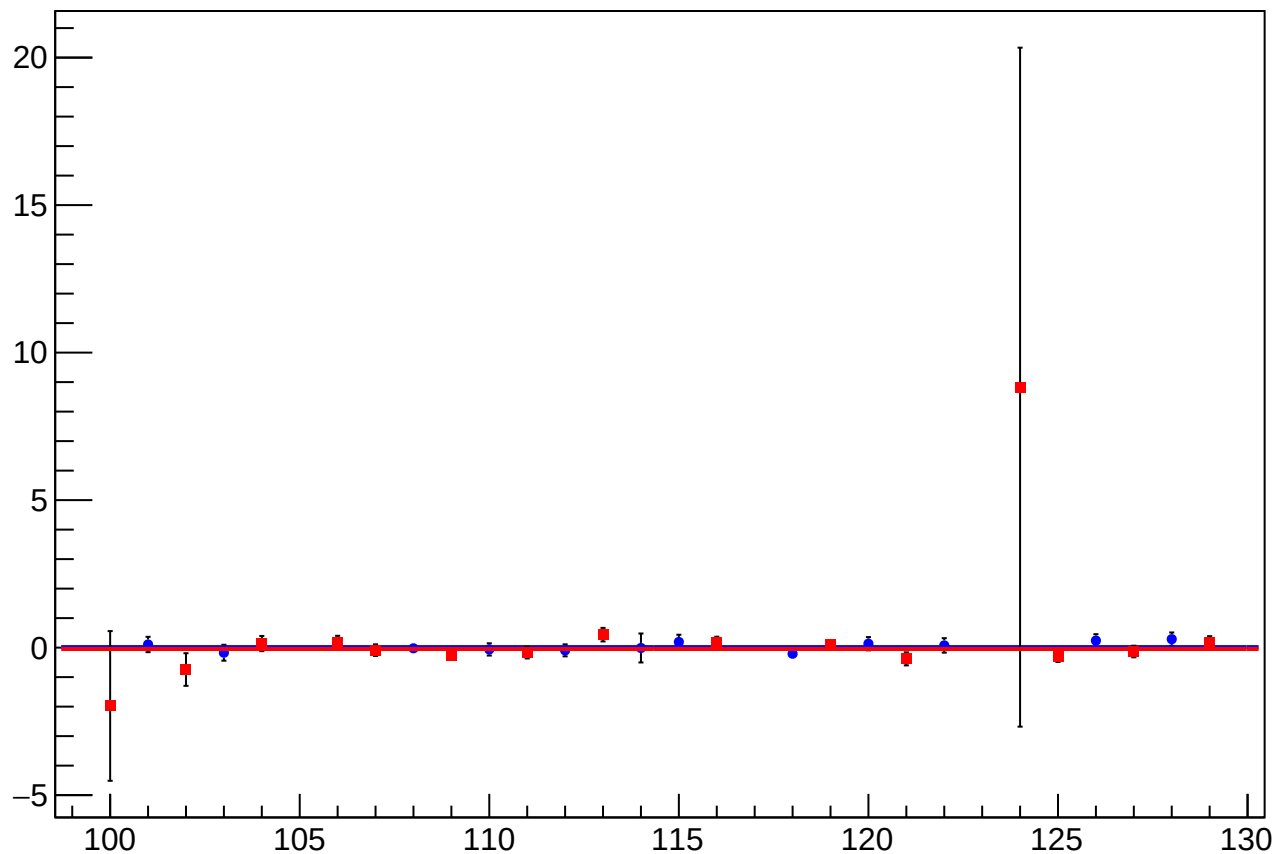
Right: 0.007+/-0.000 χ^2/NDF : 4826648.4/26

In: 0.009+/-0.000 χ^2/NDF : 1764471.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 4826648.4/26

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.063 χ^2/NDF : 6.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.047+/-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

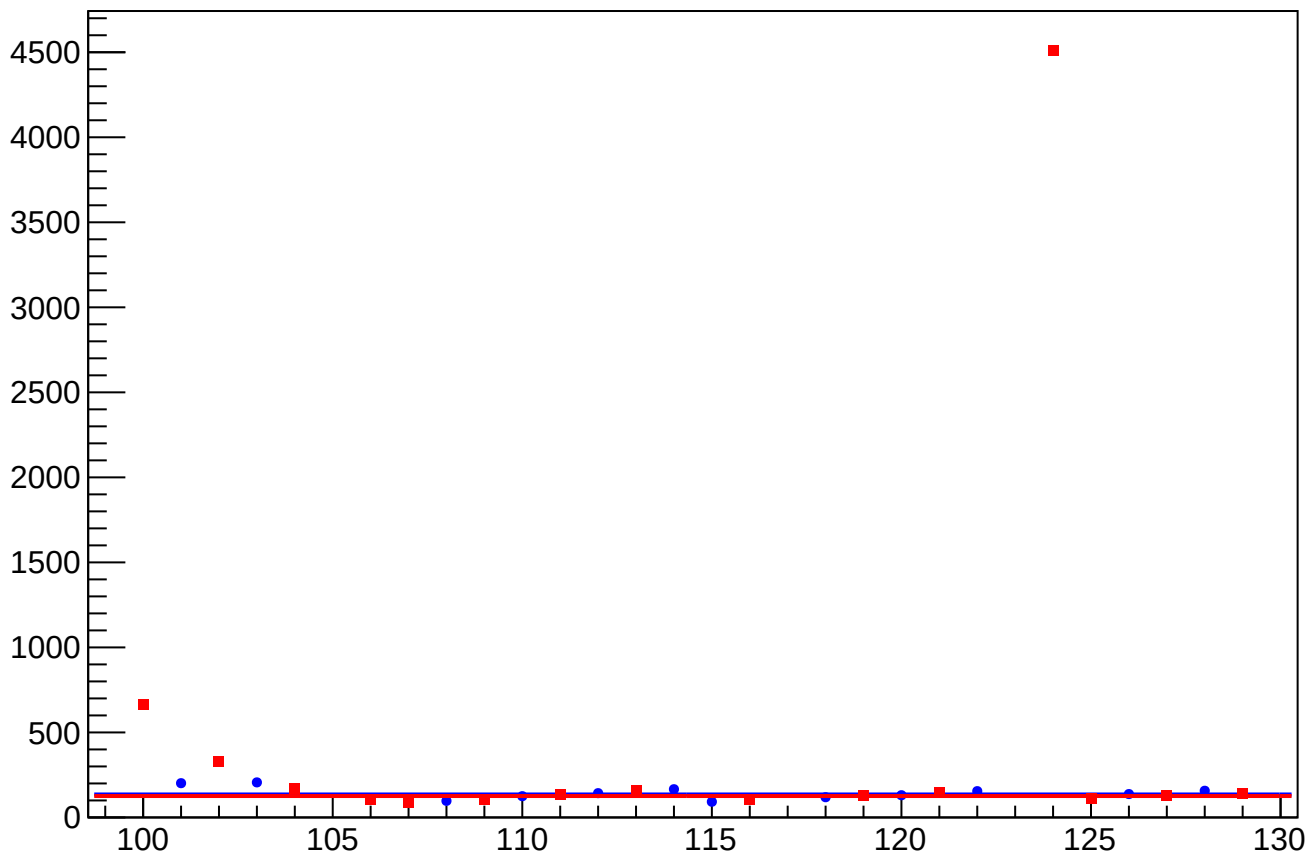
Right: -0.018+/-0.042 χ^2/NDF : 24.8/26

In: 0.018+/-0.063 χ^2/NDF : 6.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.018+/-0.042 χ^2/NDF : 24.8/26

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 135.117+/-0.045 χ^2/NDF : 507157.4/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

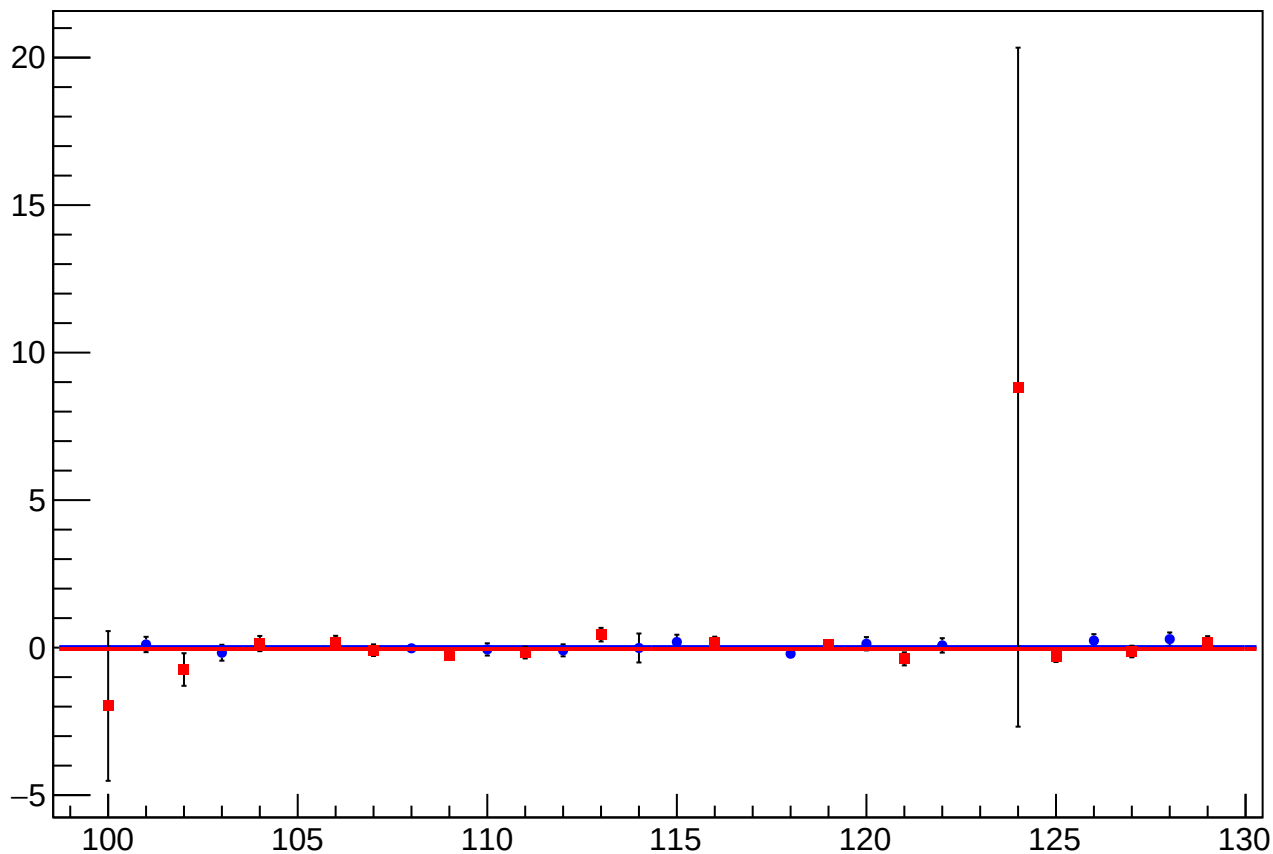
Right: 130.108+/-0.030 χ^2/NDF : 1451411.4/26

In: 135.117+/-0.045 χ^2/NDF :507157.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 130.108+/-0.030 χ^2/NDF : 1451411.4/26

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.063 χ^2/NDF : 6.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.047+/-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

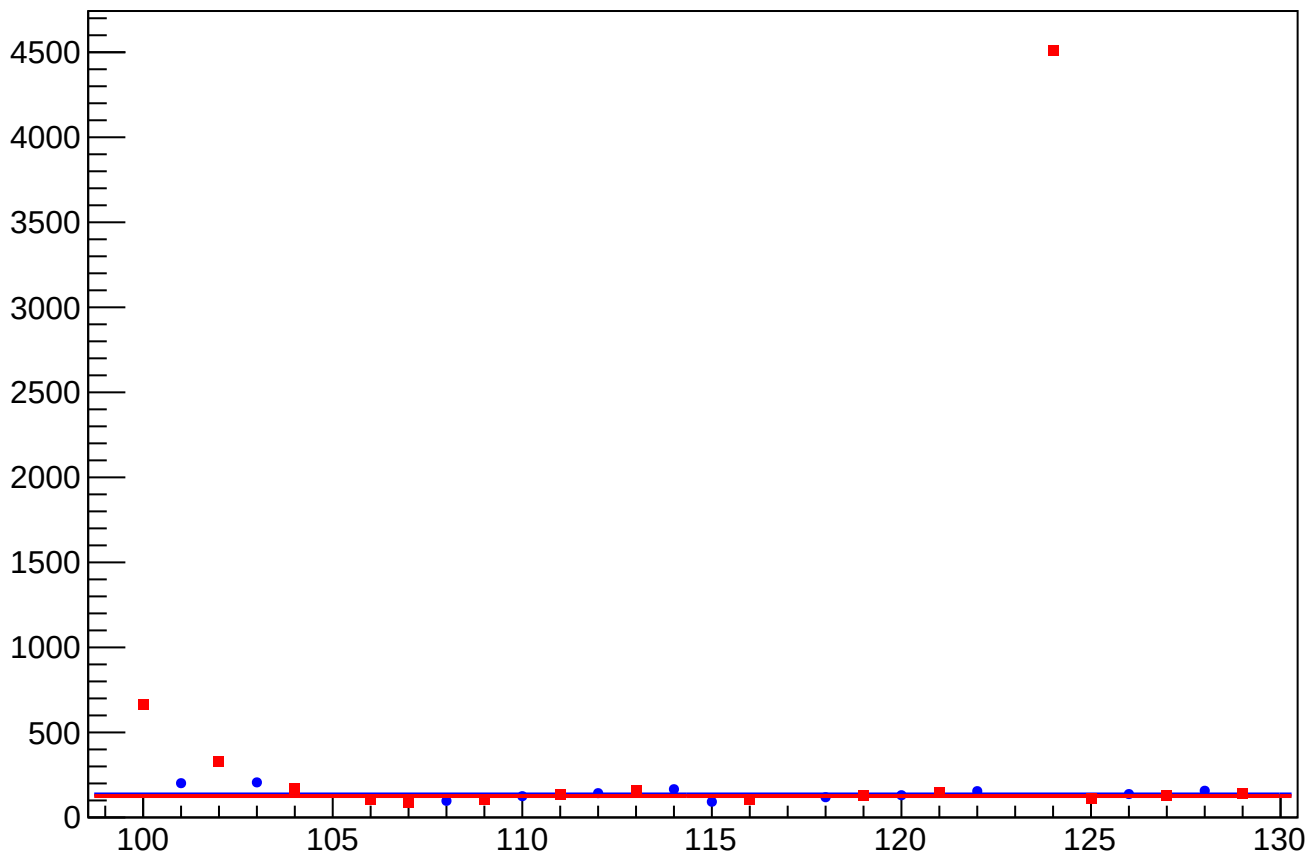
Right: -0.018+/-0.042 χ^2/NDF : 24.8/26

In: 0.018+/-0.063 χ^2/NDF : 6.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.018+/-0.042 χ^2/NDF : 24.8/26

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 135.117+/-0.045 χ^2/NDF : 507157.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

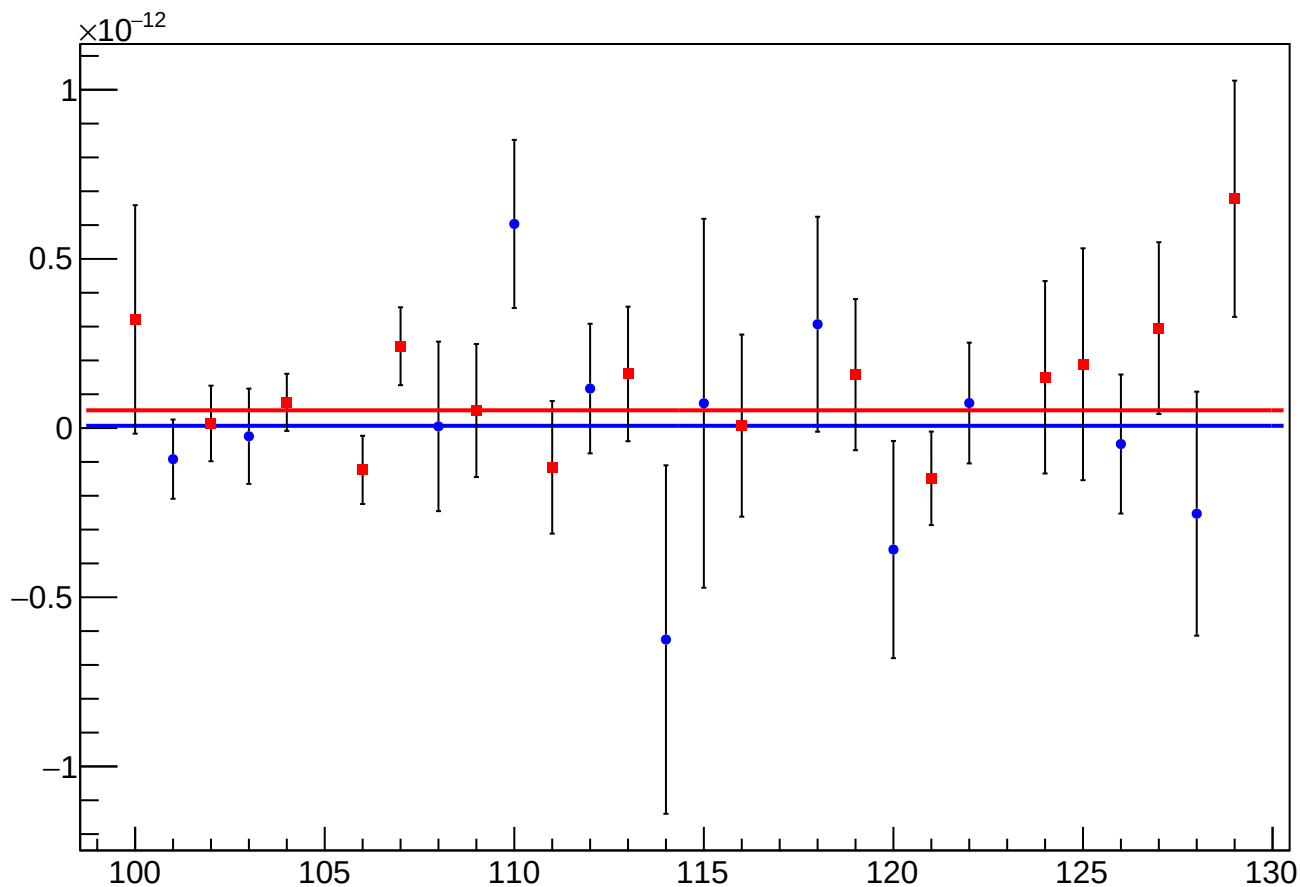
Right: 130.108+/-0.030 χ^2/NDF : 1451411.4/26

In: 135.117+/-0.045 χ^2/NDF : 507157.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.108+/-0.030 χ^2/NDF : 1451411.4/26

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 : 11.3/11

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

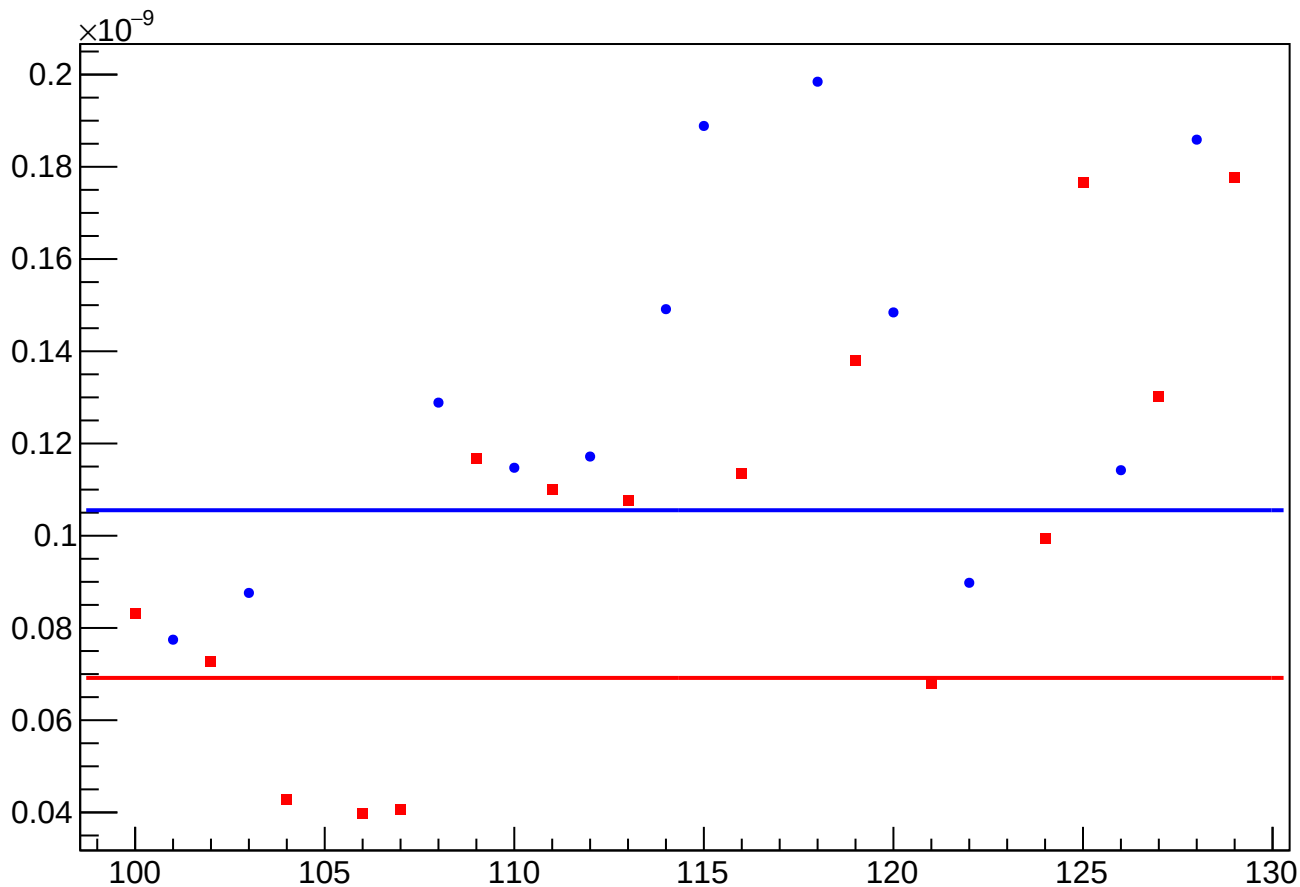
Right: 0.000+/-0.000 χ^2/NDF : 26.1/26

In: 0.000+/-0.000 χ^2/NDF : 11.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.1/26

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 : 561137.4/11

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

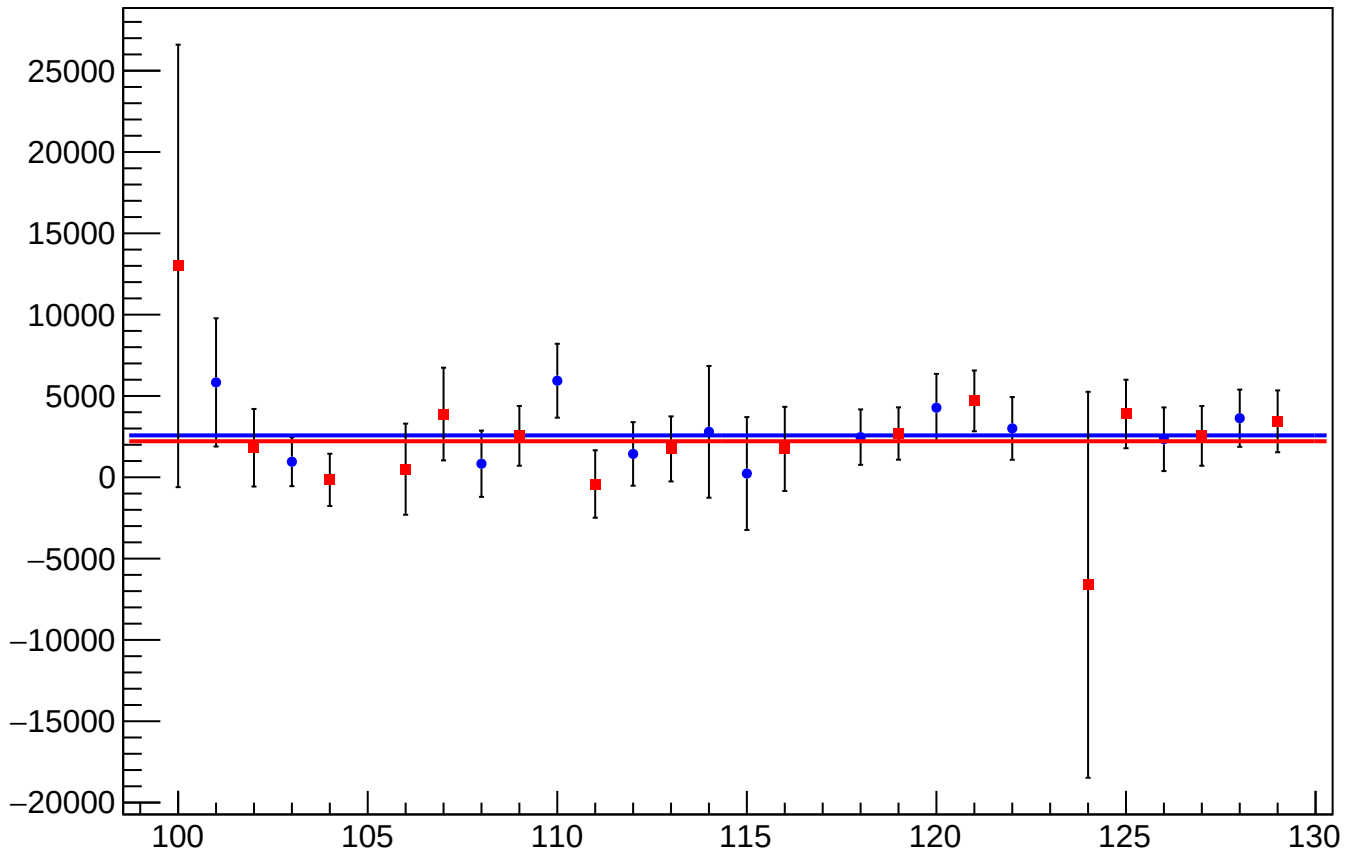
Right: 0.000+/-0.000 χ^2/NDF : 2602985.0/26

In: 0.000+/-0.000 χ^2/NDF :561137.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2602985.0/26

reg_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2575.509+/-600.235 χ^2/NDF : 6.7/11

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

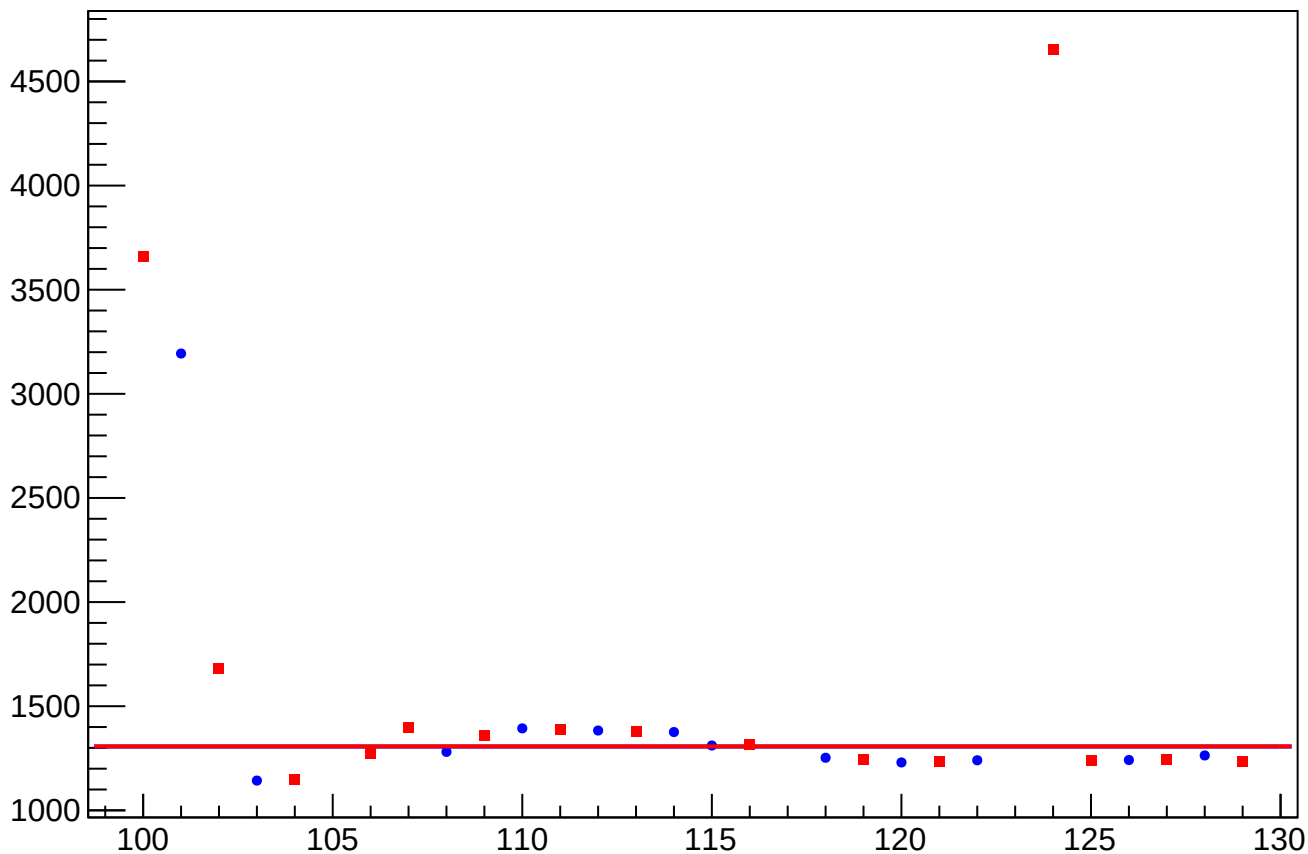
Right: 2382.558+/-408.179 χ^2/NDF : 15.6/26

In: 2575.509+/-600.235 χ^2/NDF : 6.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2382.558+/-408.179 χ^2/NDF : 15.6/26

reg_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1306.324+/-0.424 χ^2/NDF : 499048.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

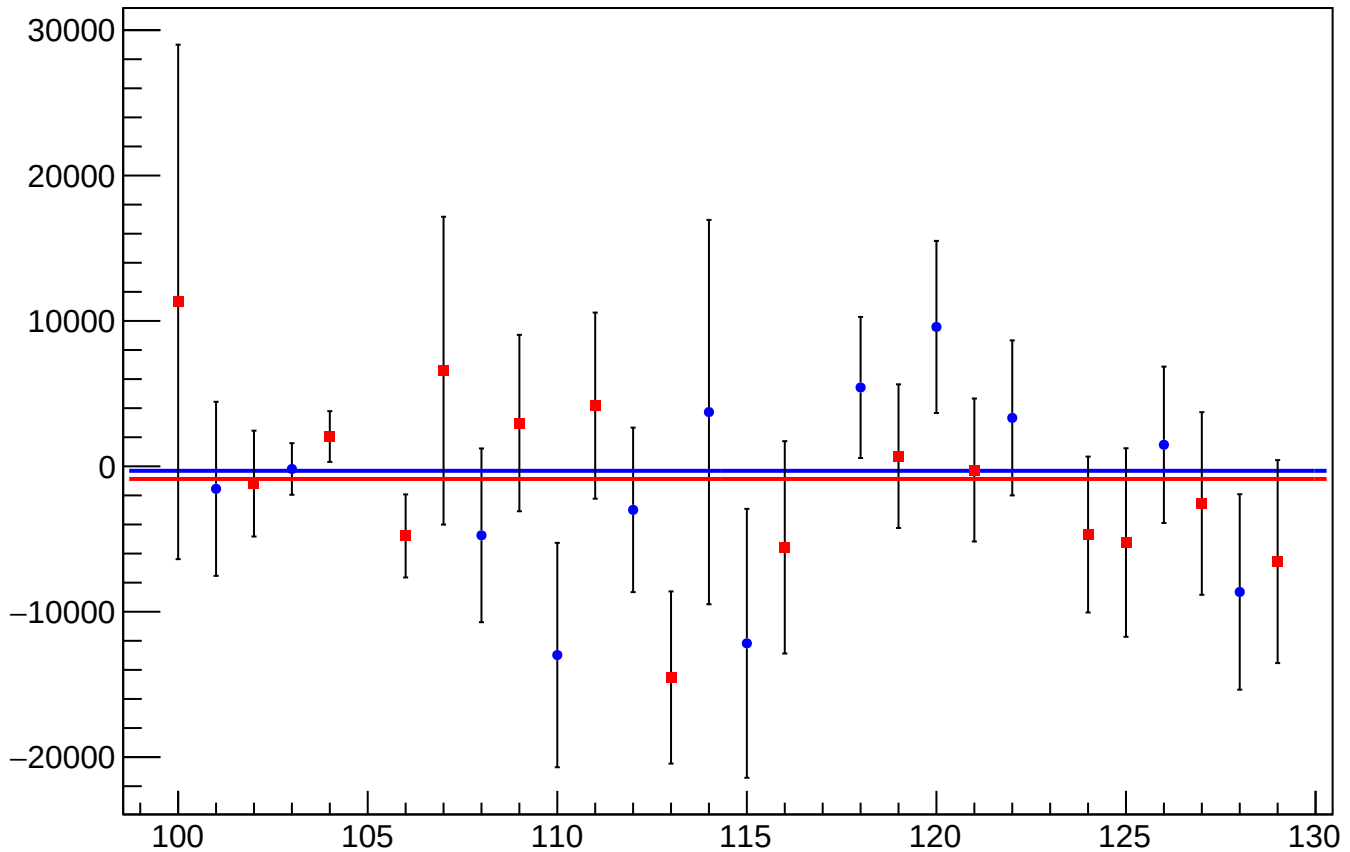
Right: 1306.815+/-0.288 χ^2/NDF : 809389.2/26

In: 1306.324+/-0.424 χ^2/NDF : 499048.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1306.815+/-0.288 χ^2/NDF : 809389.2/26

asym_atl_avg_atr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -307.868+/-1289.253 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

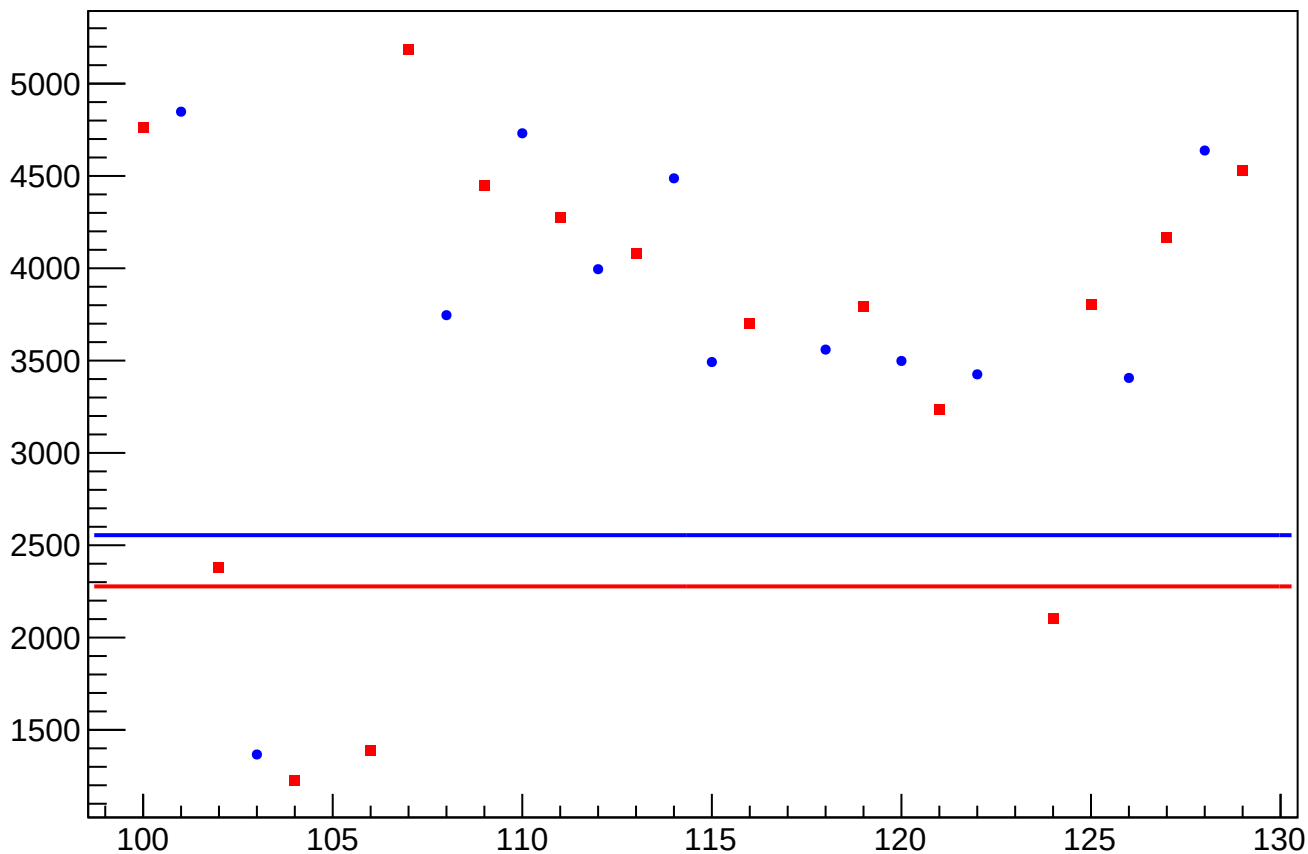
Right: -631.419+/-837.567 χ^2/NDF : 25.9/26

In: -307.868+/-1289.253 χ^2/NDF : 11.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -631.419+/-837.567 χ^2/NDF : 25.9/26

asym_atl_avg_atr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2554.502+/-0.912 χ^2/NDF : 2052848.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

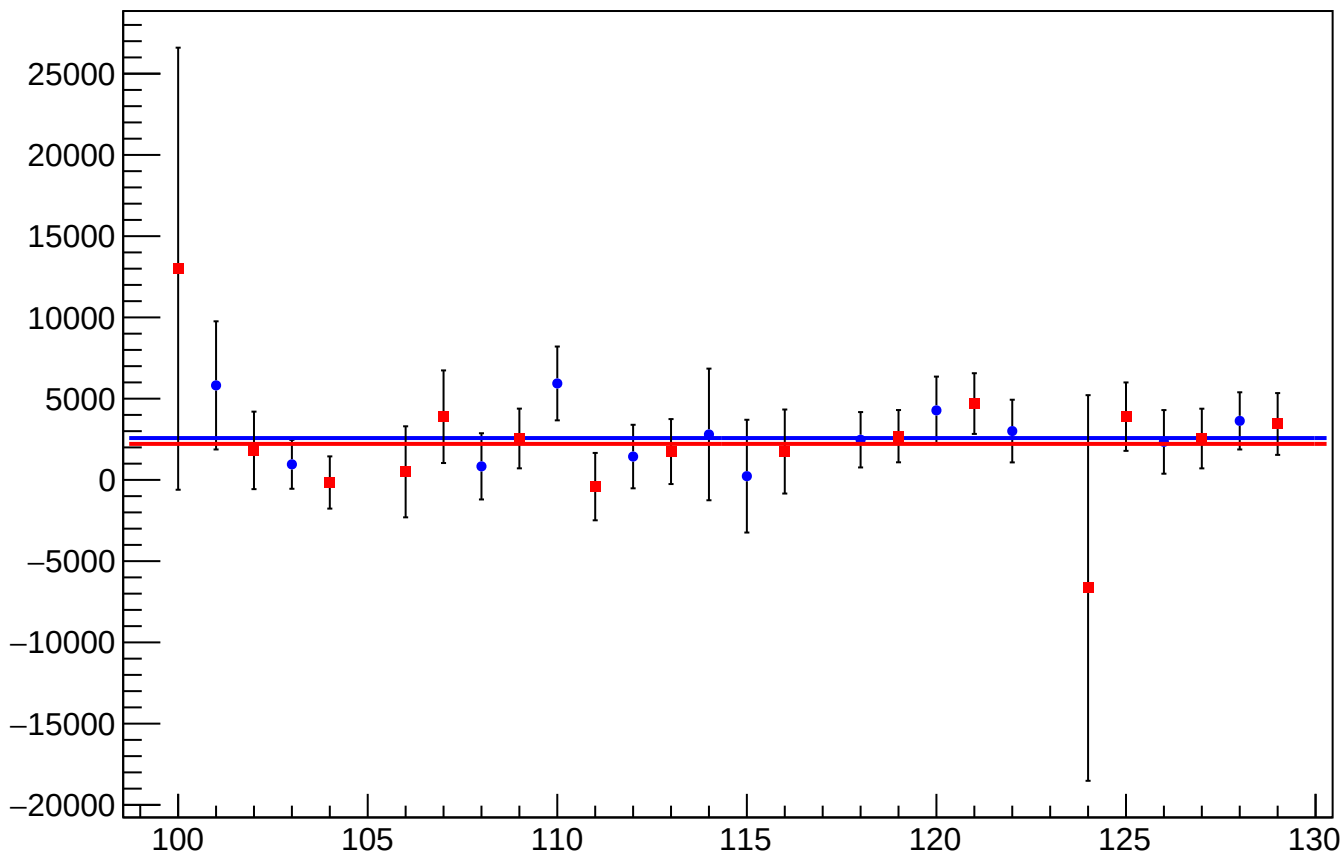
Right: 2394.194+/-0.592 χ^2/NDF : 4697413.8/26

In: 2554.502+/-0.912 χ^2/NDF : 2052848.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2394.194+/-0.592 χ^2/NDF : 4697413.8/26

cor_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2575.184+/-600.235 χ^2/NDF : 6.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2216.244+/-556.723 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

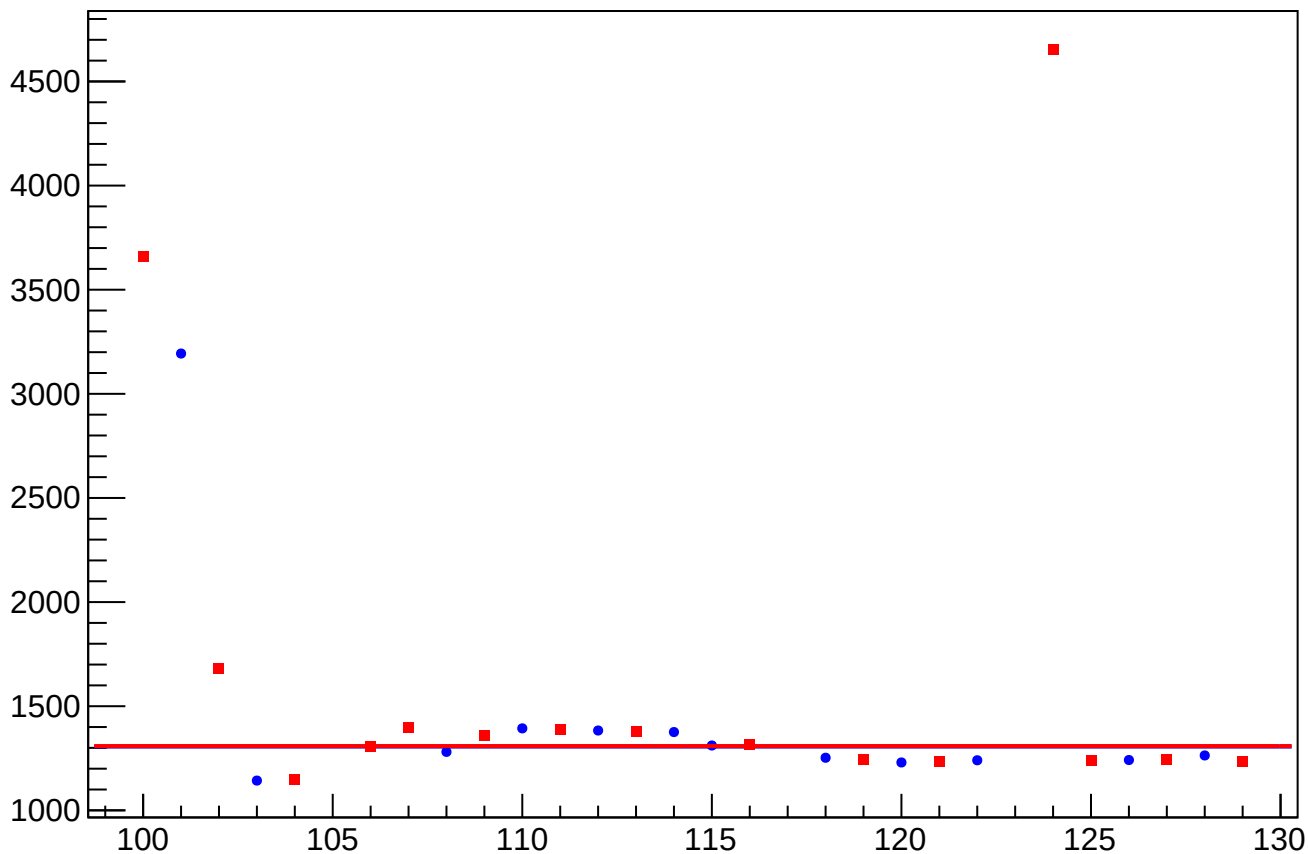
Right: 2382.234+/-408.179 χ^2/NDF : 15.6/26

In: 2575.184+/-600.235 χ^2/NDF : 6.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2382.234+/-408.179 χ^2/NDF : 15.6/26

cor_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1306.324+/-0.424 χ^2/NDF : 499050.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

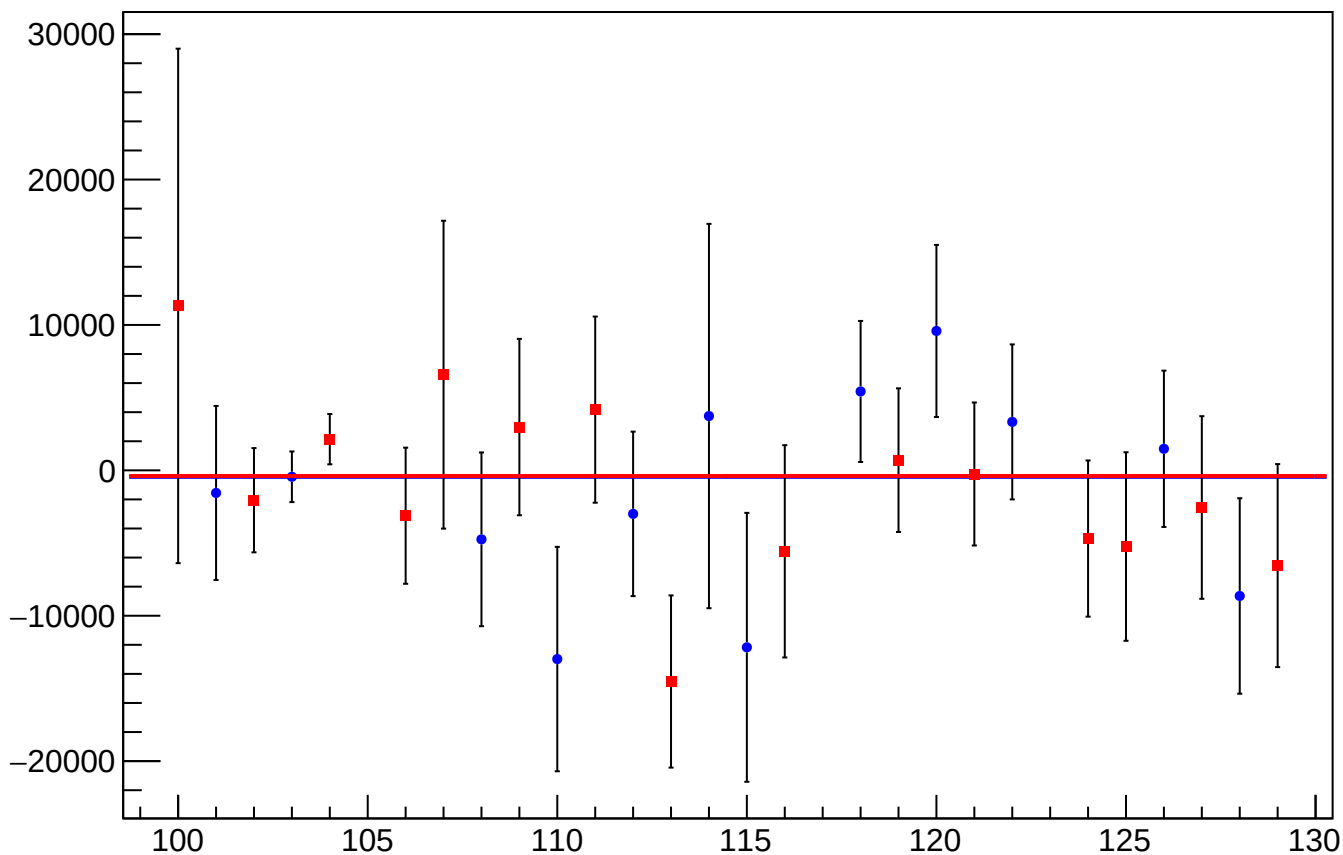
Right: 1307.574+/-0.288 χ^2/NDF : 809070.1/26

In: 1306.324+/-0.424 χ^2/NDF : 499050.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1307.574+/-0.288 χ^2/NDF : 809070.1/26

asym_atl_avg_atr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -445.553+/-1276.115 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

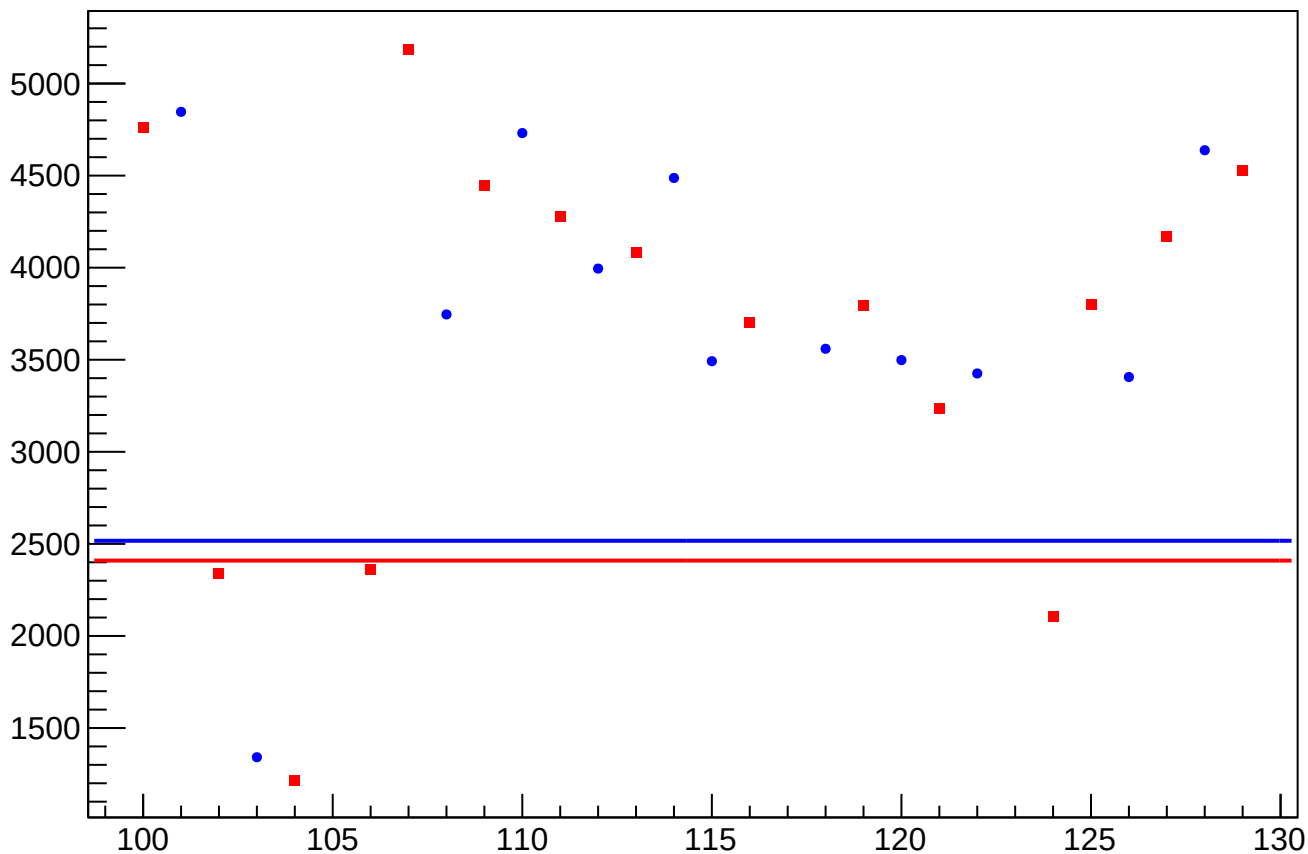
Right: -415.863+/-854.556 χ^2/NDF : 24.3/26

In: -445.553+/-1276.115 χ^2/NDF : 11.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -415.863+/-854.556 χ^2/NDF : 24.3/26

asym_atl_avg_atr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2516.885+/-0.902 χ^2/NDF : 2125933.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

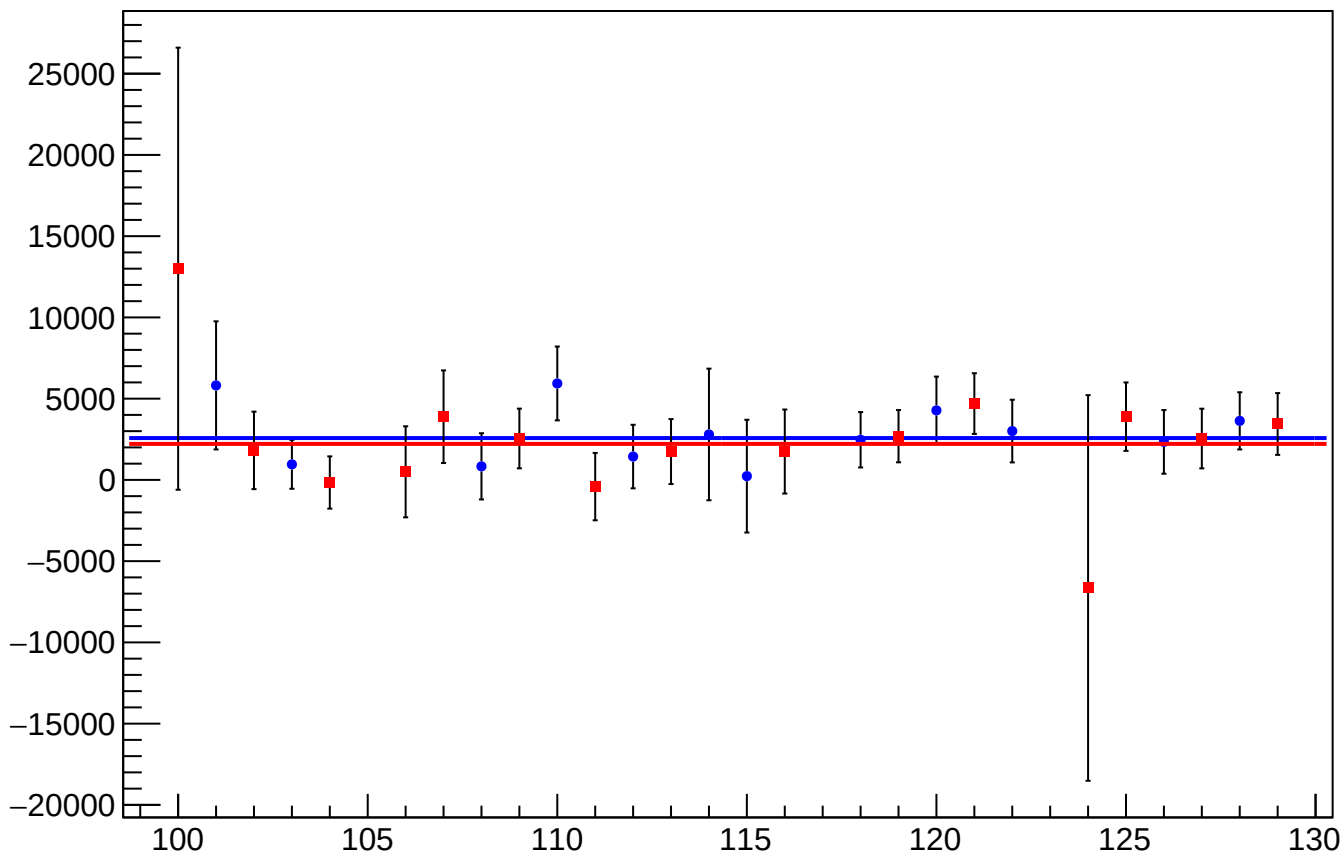
Right: 2457.564+/-0.604 χ^2/NDF : 4533590.4/26

In: 2516.885+/-0.902 χ^2/NDF : 2125933.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2457.564+/-0.604 χ^2/NDF : 4533590.4/26

eigen_cor_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2575.184+/-600.235 χ^2/NDF : 6.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2216.244+/-556.723 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

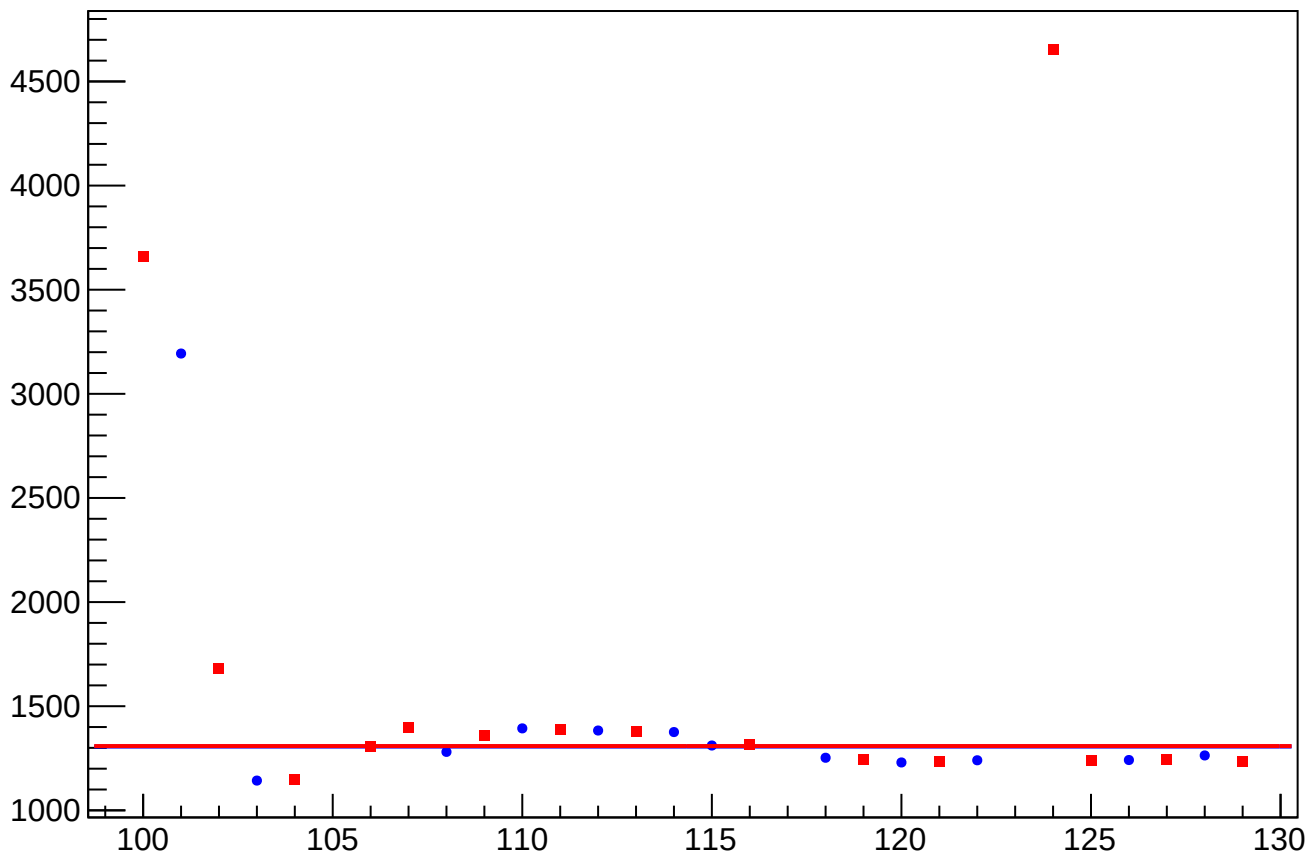
Right: 2382.234+/-408.179 χ^2/NDF : 15.6/26

In: 2575.184+/-600.235 χ^2/NDF : 6.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2382.234+/-408.179 χ^2/NDF : 15.6/26

eigen_cor_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1306.324+/-0.424 χ^2/NDF : 499050.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

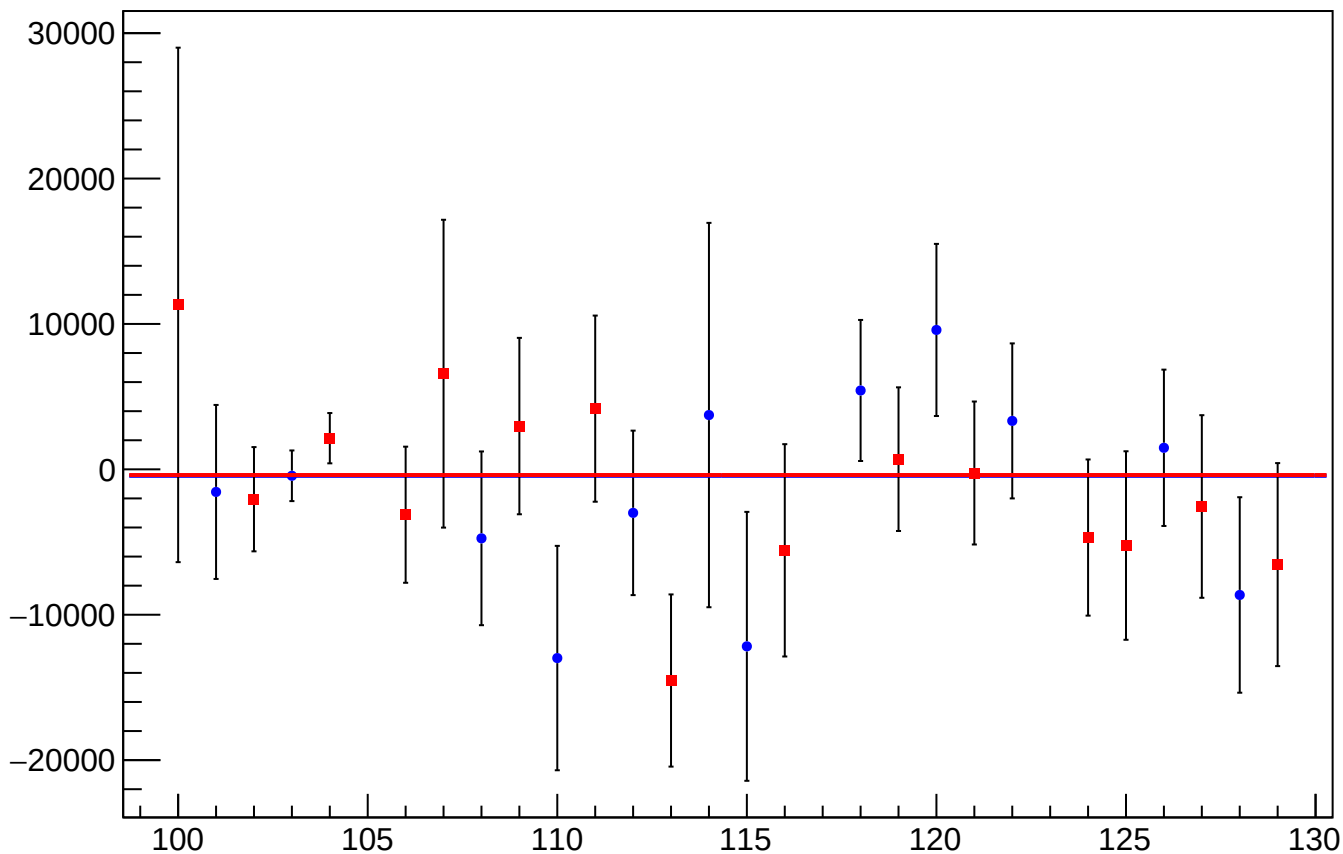
Right: 1307.574+/-0.288 χ^2/NDF : 809070.1/26

In: 1306.324+/-0.424 χ^2/NDF : 499050.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1307.574+/-0.288 χ^2/NDF : 809070.1/26

asym_atl_avg_atr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -445.553+/-1276.115 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

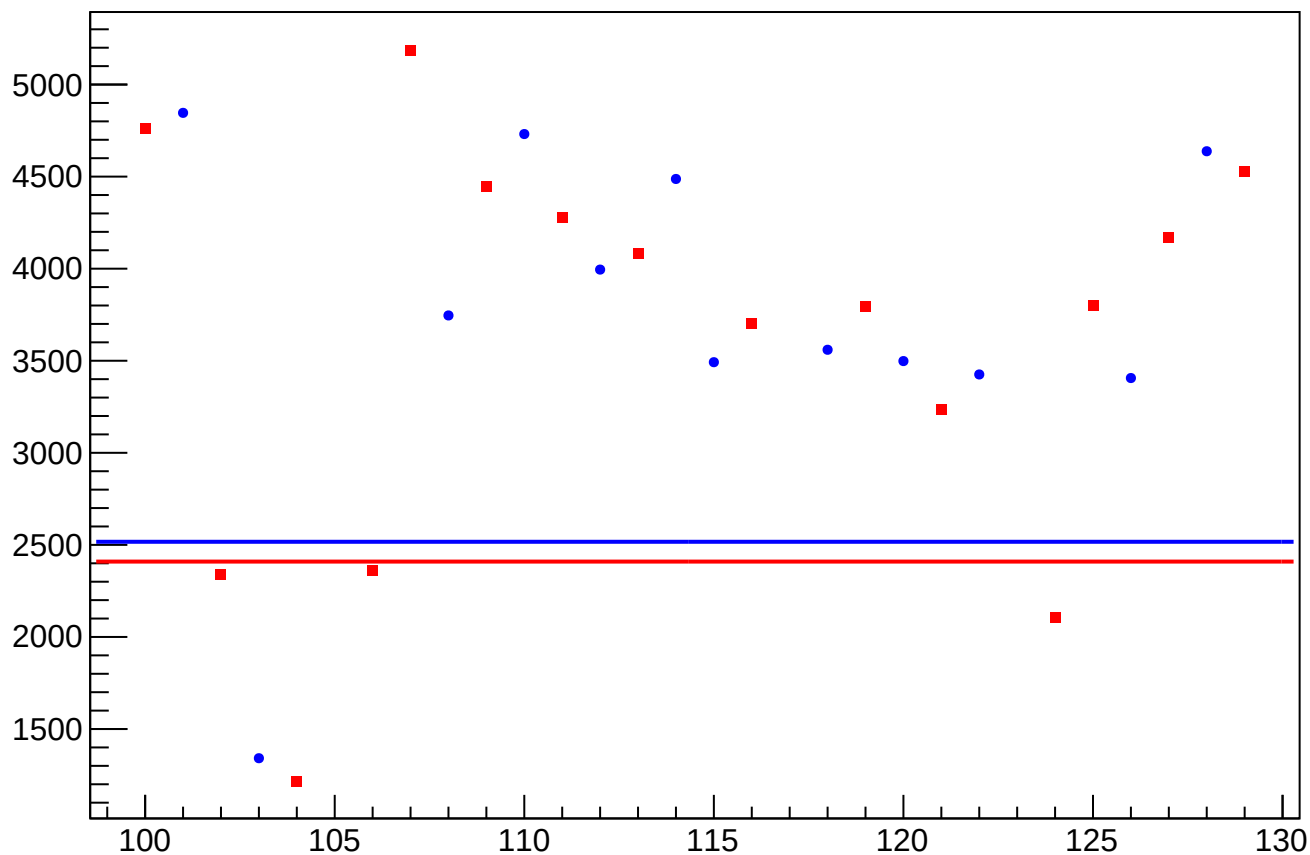
Right: -415.863+/-854.556 χ^2/NDF : 24.3/26

In: -445.553+/-1276.115 χ^2/NDF : 11.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -415.863+/-854.556 χ^2/NDF : 24.3/26

asym_atl_avg_atr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2516.885+/-0.902 χ^2/NDF : 2125933.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

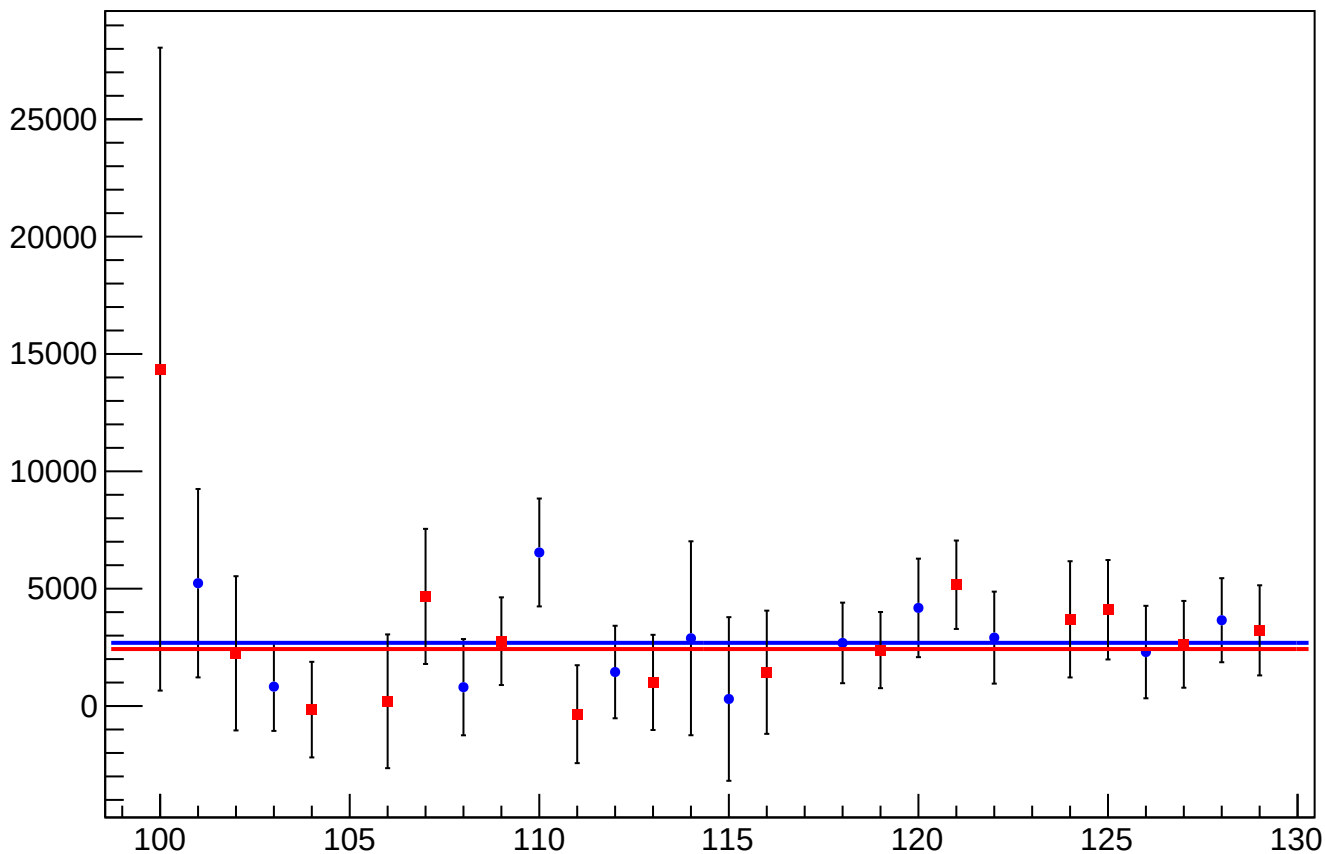
Right: 2457.564+/-0.604 χ^2/NDF : 4533590.4/26

In: 2516.885+/-0.902 χ^2/NDF : 2125933.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2457.564+/-0.604 χ^2/NDF : 4533590.4/26

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2692.416+/-624.371 χ^2 /NDF: 6.8/11

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

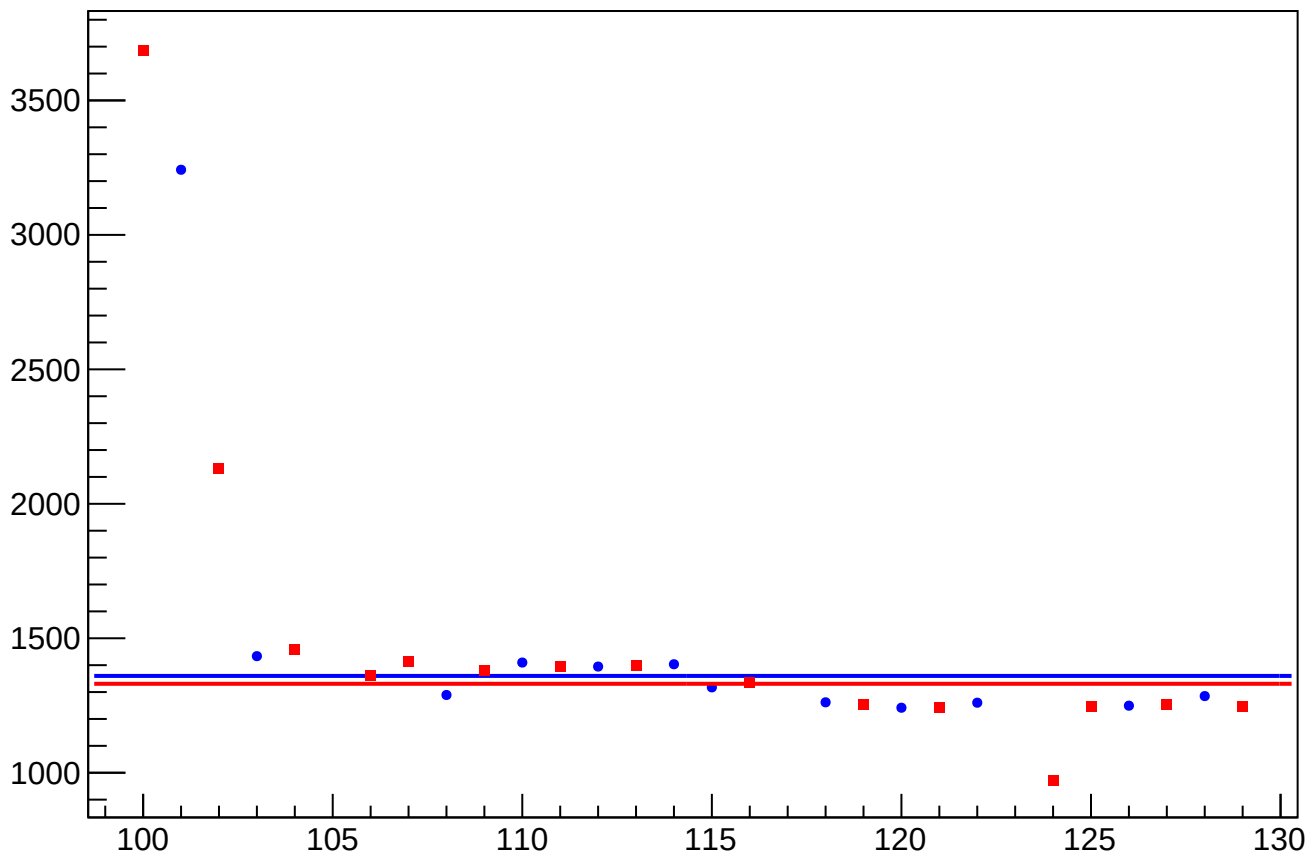
Right: 2547.545+/-420.189 χ^2 /NDF: 16.1/26

In: 2692.416+/-624.371 χ^2 /NDF:6.8/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2547.545+/-420.189 χ^2 /NDF: 16.1/26

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1360.061+/-0.441 χ^2/NDF : 475129.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

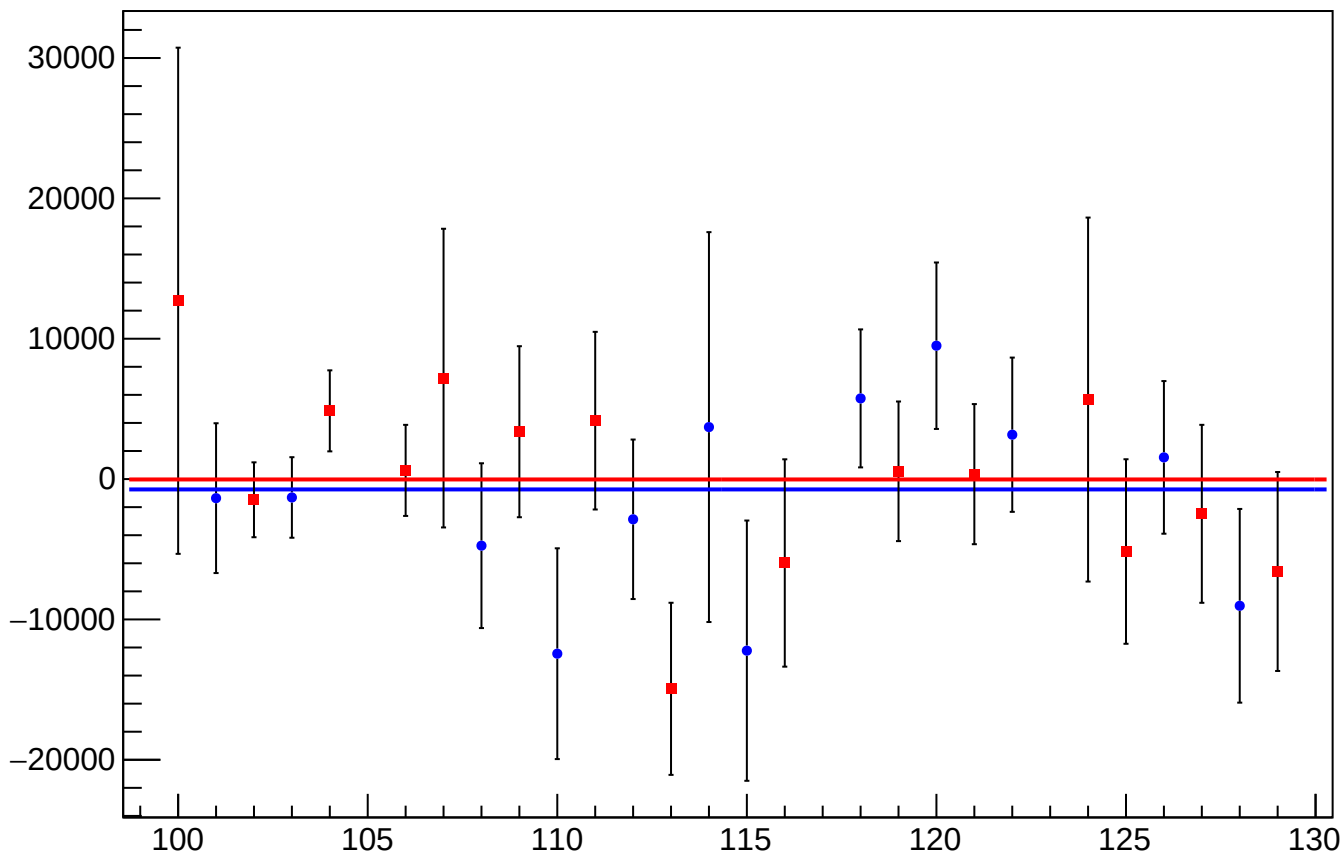
Right: 1344.015+/-0.297 χ^2/NDF : 732111.5/26

In: 1360.061+/-0.441 χ^2/NDF : 475129.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1344.015+/-0.297 χ^2/NDF : 732111.5/26

asym_atl_avg_atr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -737.587+/-1563.908 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

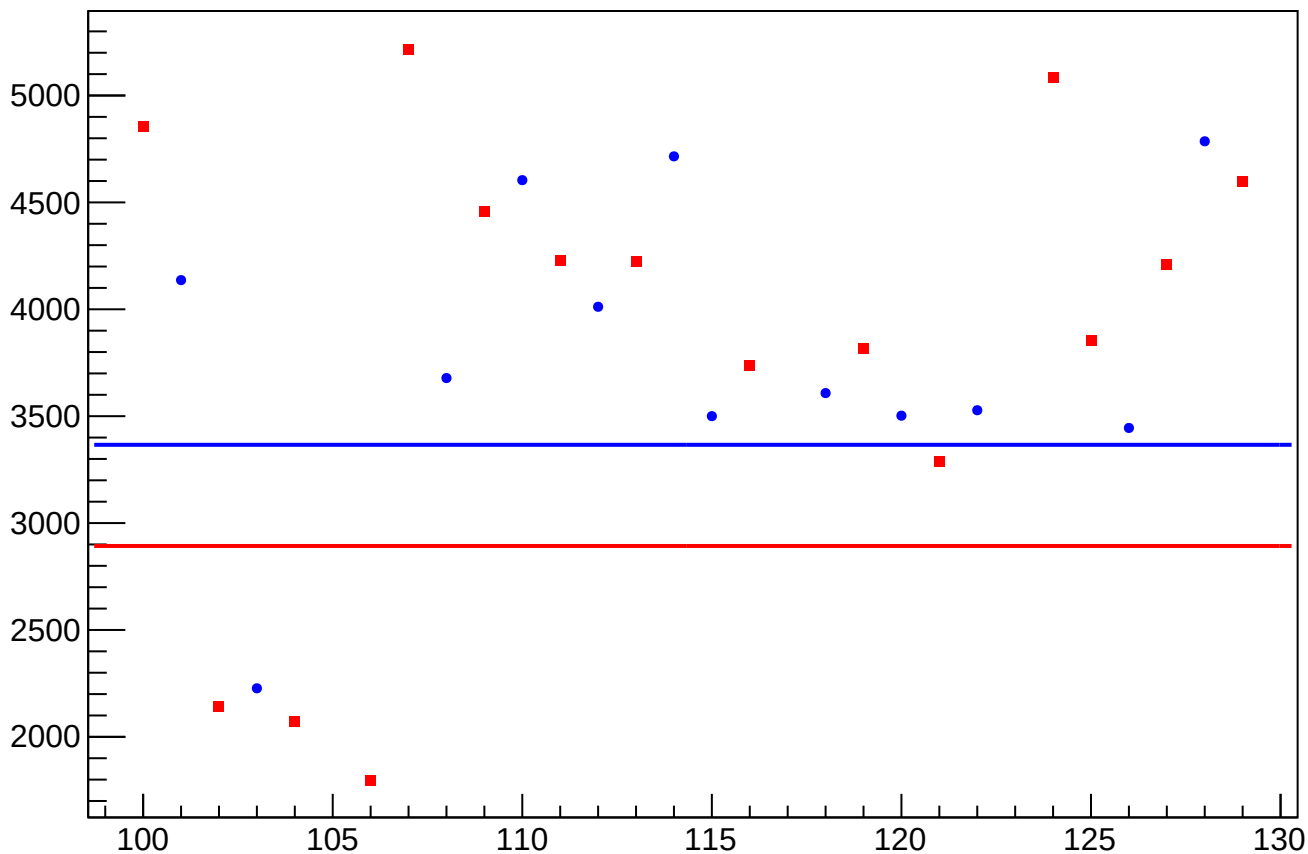
Right: -309.762+/-986.512 χ^2/NDF : 25.0/26

In: -737.587+/-1563.908 χ^2/NDF : 11.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -309.762+/-986.512 χ^2/NDF : 25.0/26

asym_atl_avg_atr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3366.097+/-1.106 χ^2/NDF : 554655.4/11

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

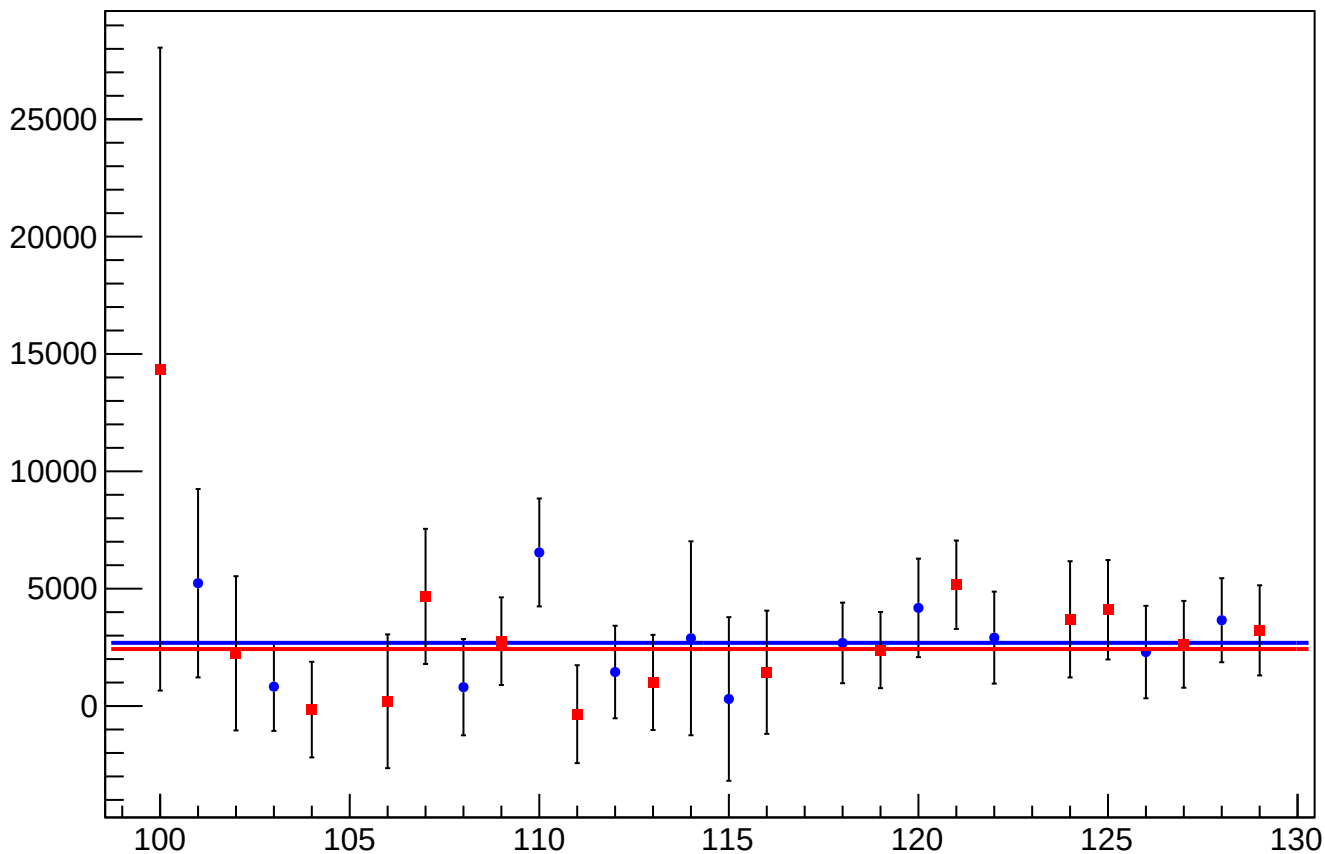
Right: 3081.169+/-0.698 χ^2/NDF : 2056347.2/26

In: 3366.097+/-1.106 χ^2/NDF : 554655.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3081.169+/-0.698 χ^2/NDF : 2056347.2/26

eigen_dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2692.418+/-624.371 χ^2/NDF : 6.8/11

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

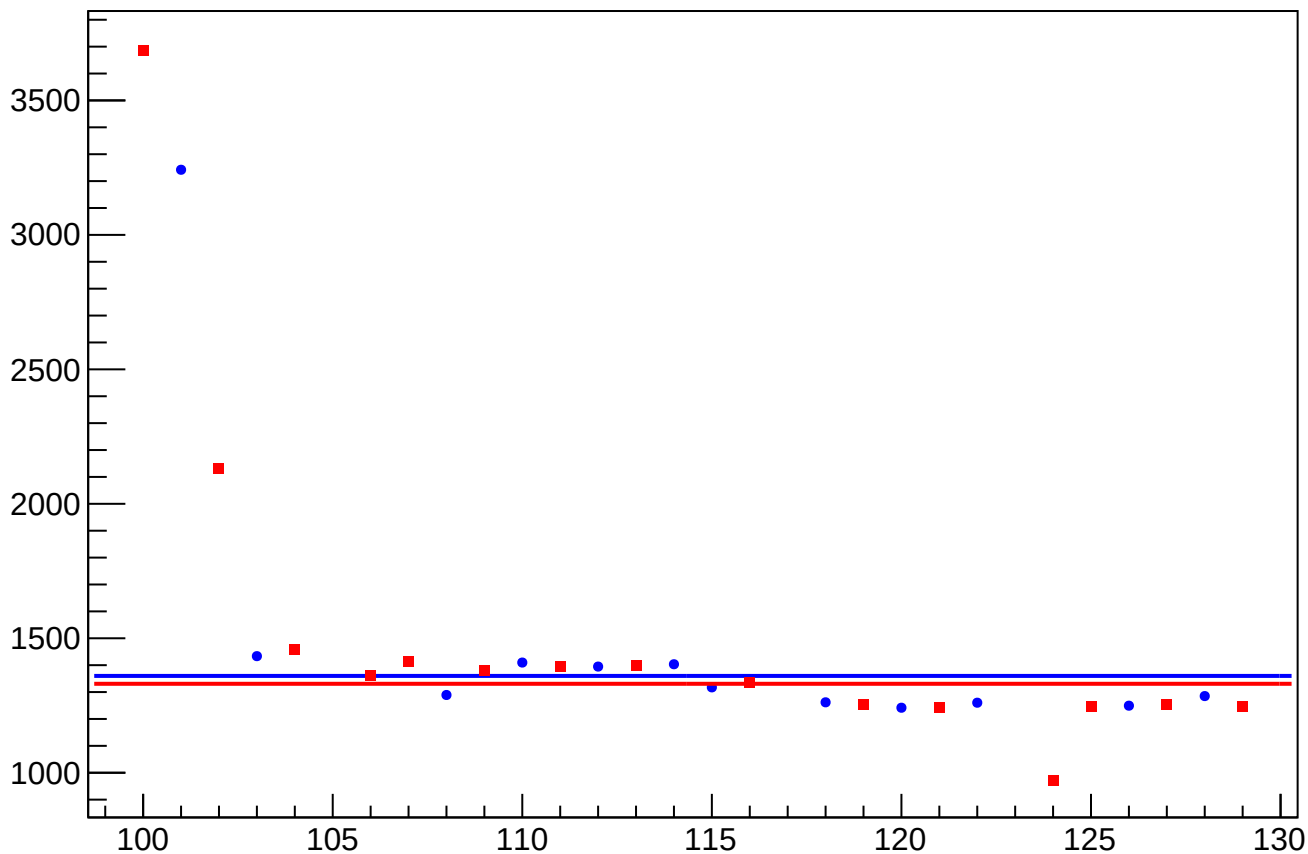
Right: 2547.548+/-420.189 χ^2/NDF : 16.1/26

In: 2692.418+/-624.371 χ^2/NDF :6.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2547.548+/-420.189 χ^2/NDF : 16.1/26

eigen_dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1360.061+/-0.441 χ^2/NDF : 475129.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

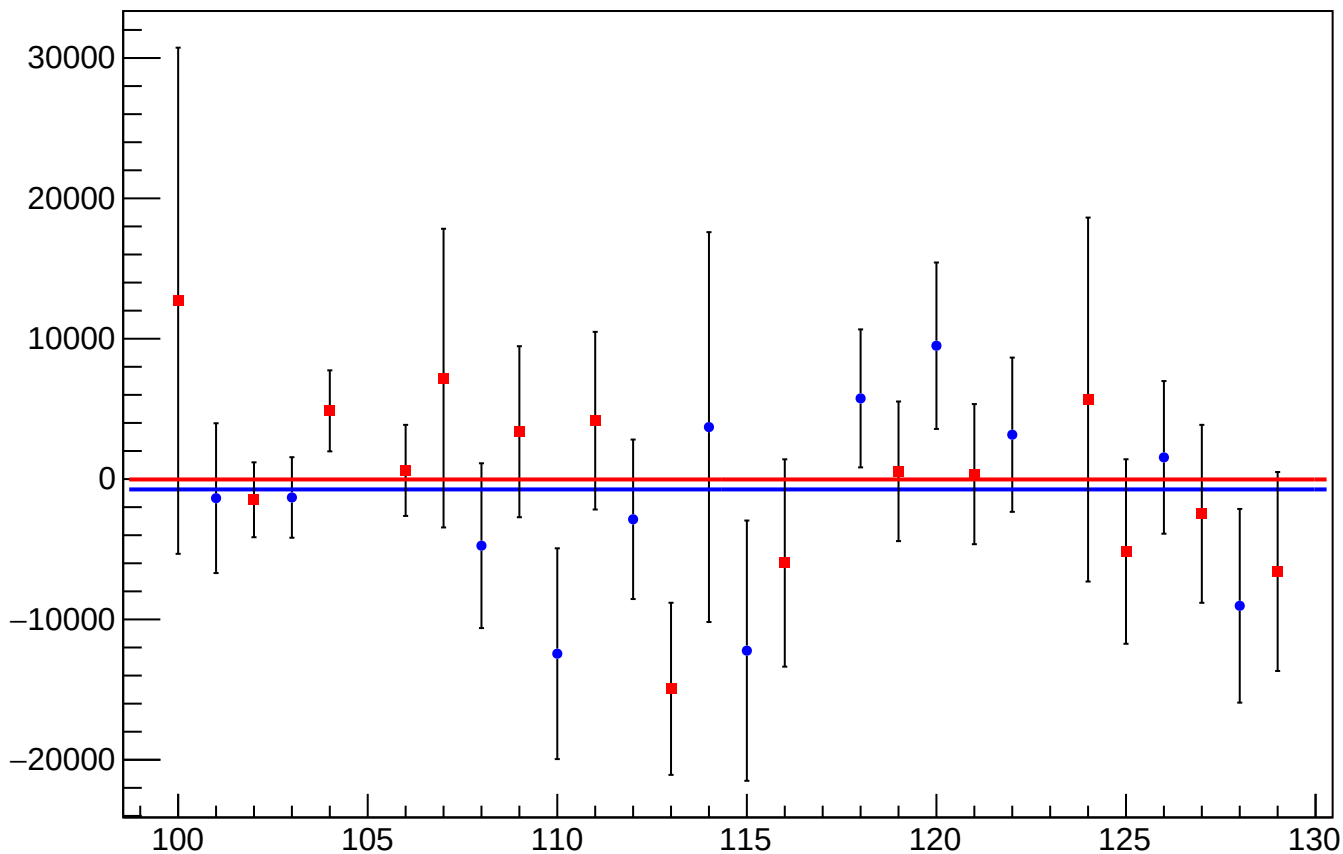
Right: 1344.015+/-0.297 χ^2/NDF : 732110.8/26

In: 1360.061+/-0.441 χ^2/NDF : 475129.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1344.015+/-0.297 χ^2/NDF : 732110.8/26

asym_atl_avg_atr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -737.581+/-1563.904 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

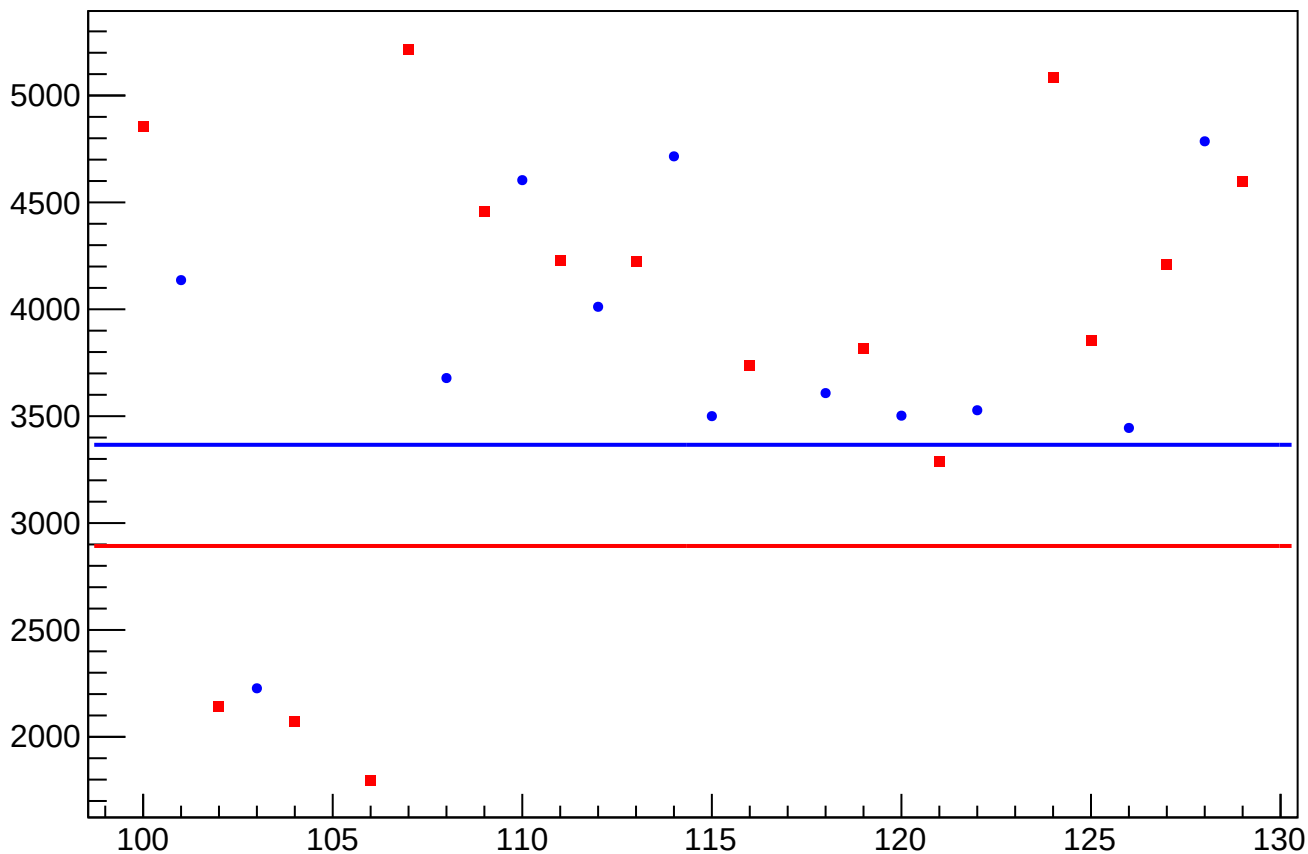
Right: -309.759+/-986.509 χ^2/NDF : 25.0/26

In: -737.581+/-1563.904 χ^2/NDF : 11.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -309.759+/-986.509 χ^2/NDF : 25.0/26

asym_atl_avg_atr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3366.088+/-1.106 χ^2/NDF : 554653.7/11

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

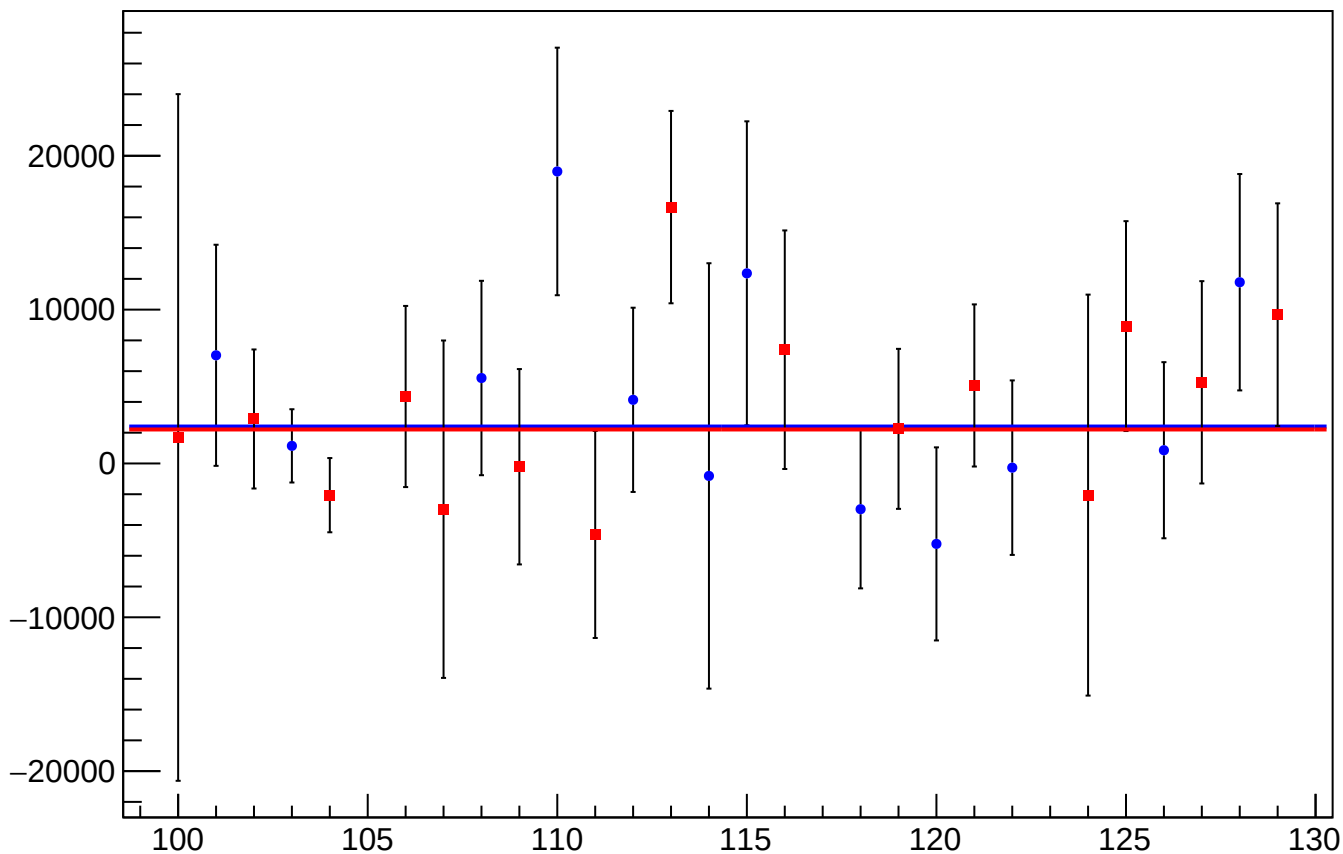
Right: 3081.160+/-0.698 χ^2/NDF : 2056345.7/26

In: 3366.088+/-1.106 χ^2/NDF : 554653.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3081.160+/-0.698 χ^2/NDF : 2056345.7/26

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2400.149+/-1534.848 χ^2/NDF : 11.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

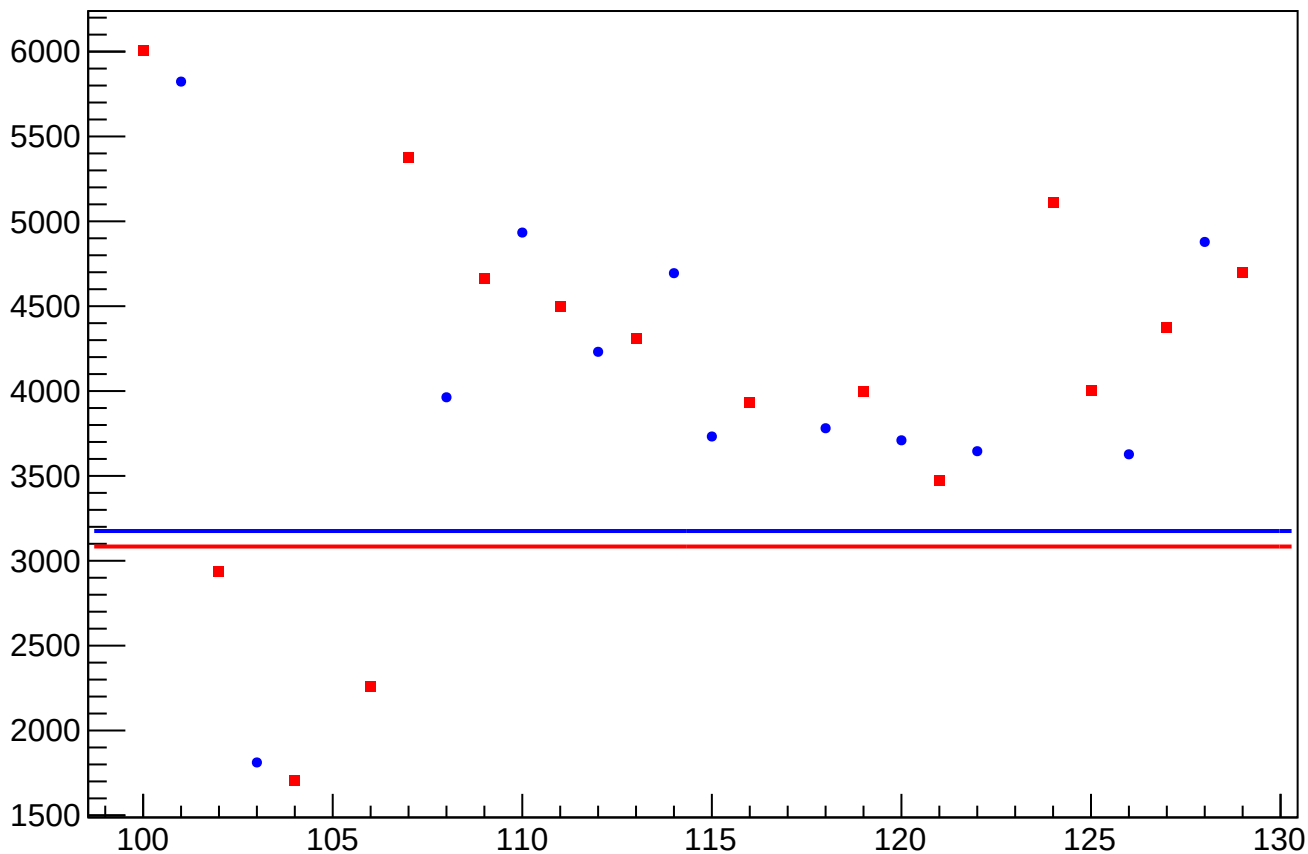
Right: 2297.482+/-1044.819 χ^2/NDF : 24.1/26

In: 2400.149+/-1534.848 χ^2/NDF : 11.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2297.482+/-1044.819 χ^2/NDF : 24.1/26

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3175.381+/-1.085 χ^2/NDF : 1332337.4/11

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

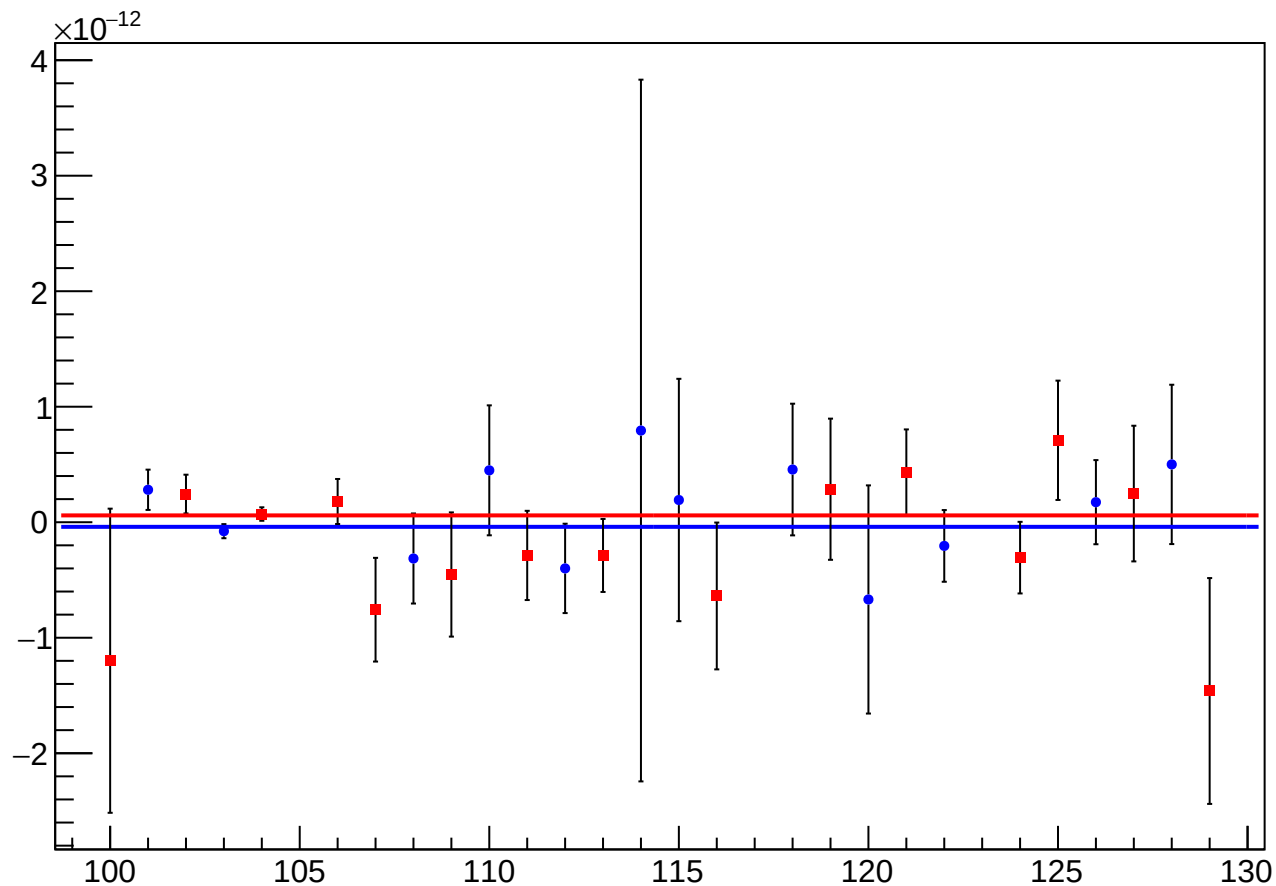
Right: 3125.628+/-0.733 χ^2/NDF : 2819724.2/26

In: 3175.381+/-1.085 χ^2/NDF : 1332337.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3125.628+/-0.733 χ^2/NDF : 2819724.2/26

asym_atl_avg_atr_avg_avg_reg_vs_slug_sign_corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

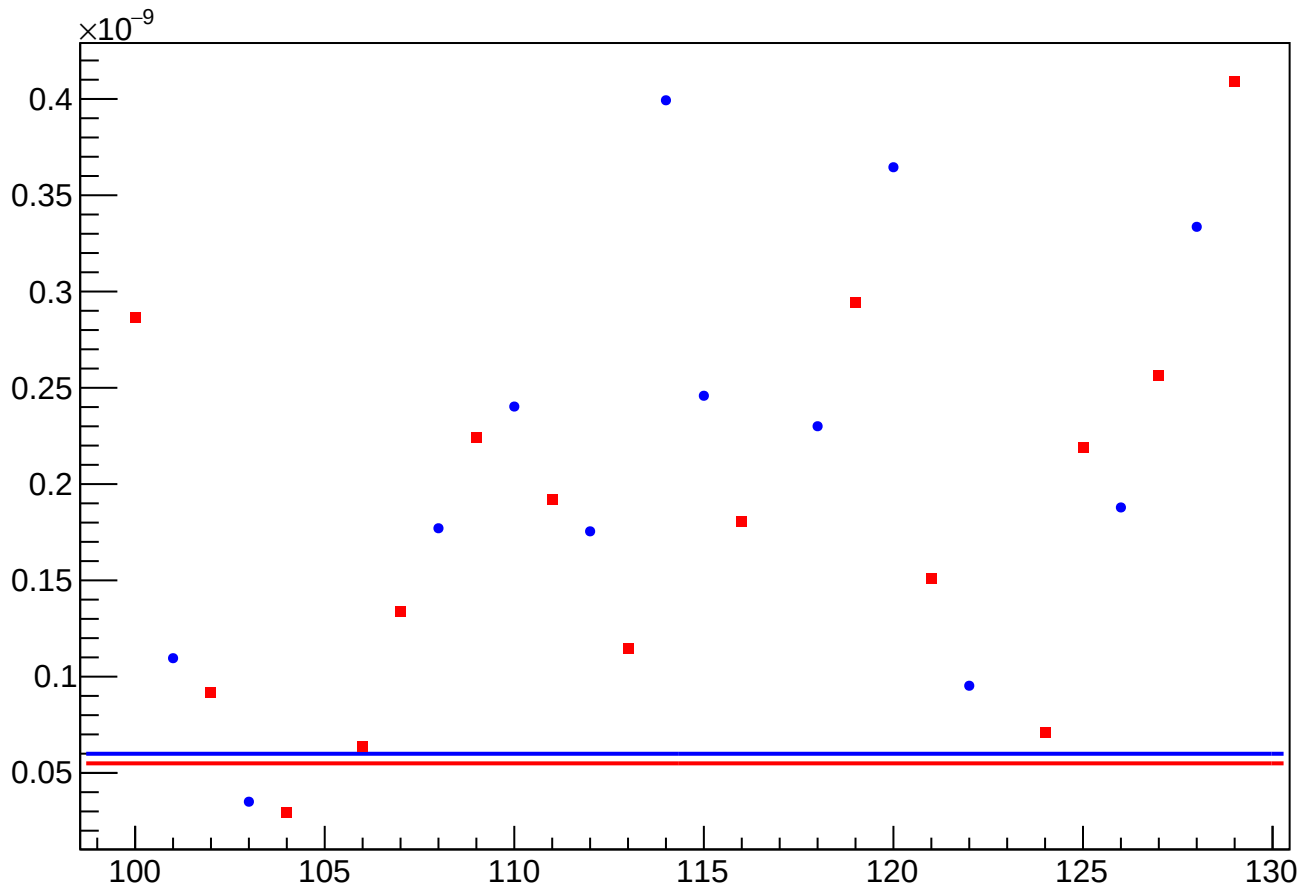
Right: 0.000+/-0.000 χ^2/NDF : 26.9/26

In: -0.000+/-0.000 χ^2/NDF : 8.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.9/26

asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2103278.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

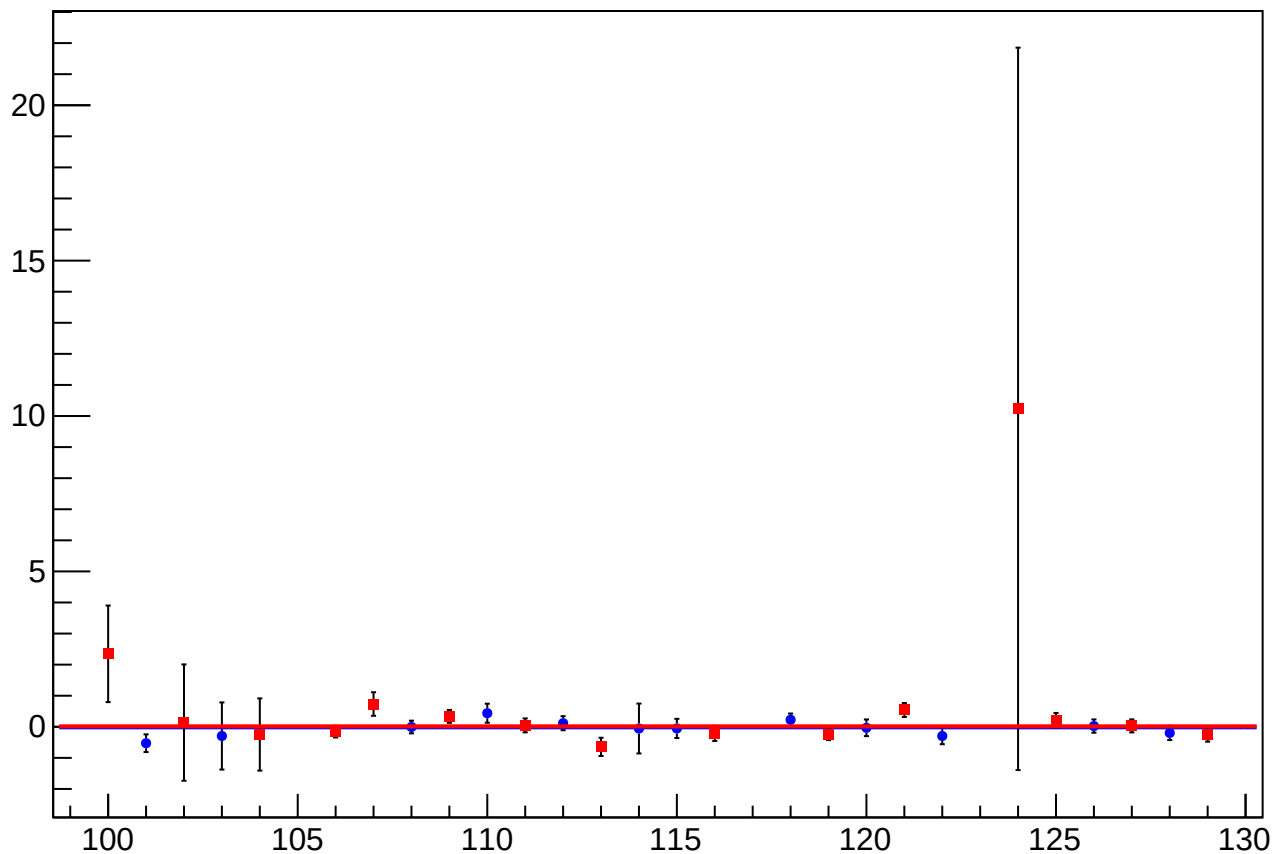
Right: 0.000+/-0.000 χ^2/NDF : 4467095.2/26

In: 0.000+/-0.000 χ^2/NDF : 2103278.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4467095.2/26

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017 ± 0.076 χ^2/NDF : 9.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.015 ± 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

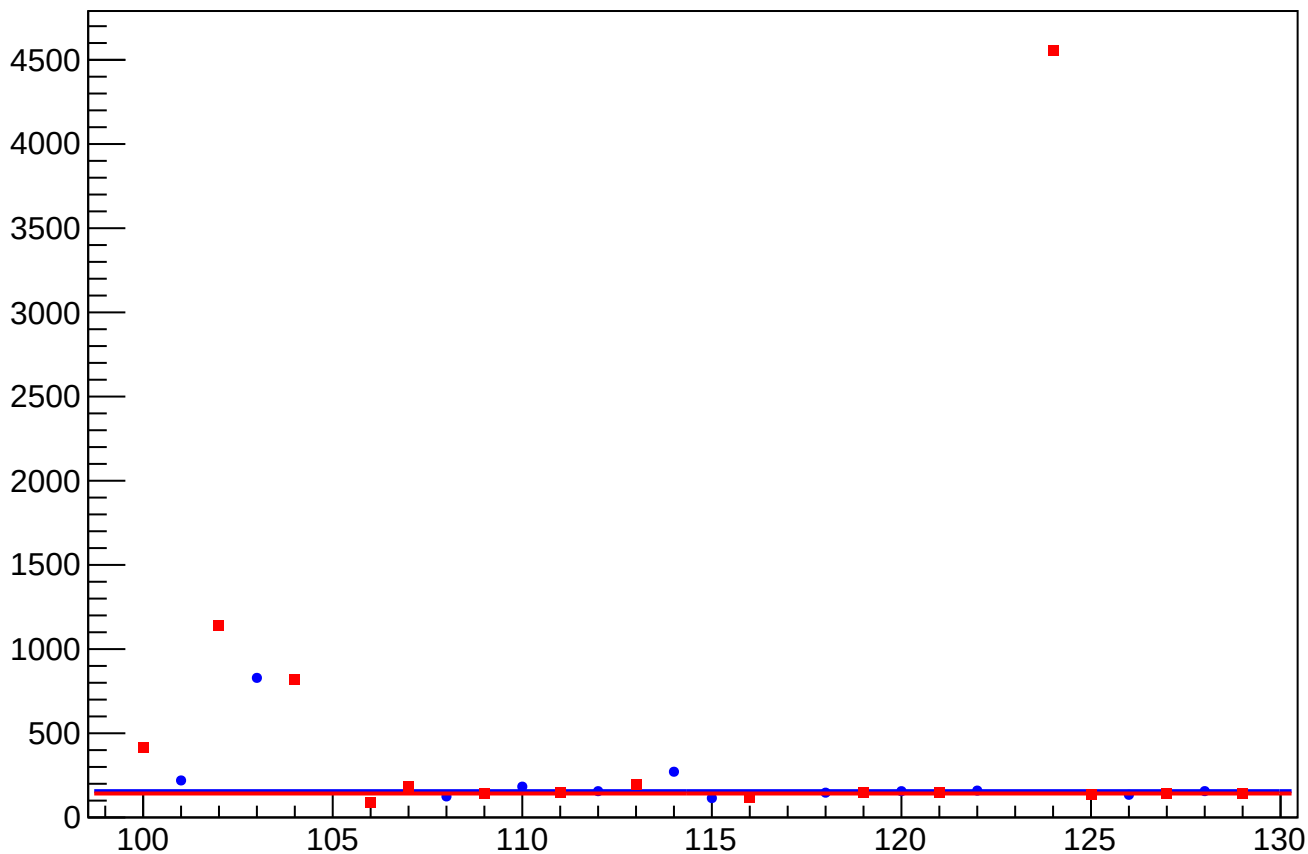
Right: 0.001 ± 0.051 χ^2/NDF : 34.3/26

In: -0.017 ± 0.076 χ^2/NDF : 9.1/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.001 ± 0.051 χ^2/NDF : 34.3/26

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 156.244+/-0.054 χ^2/NDF : 1039014.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.254+/-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

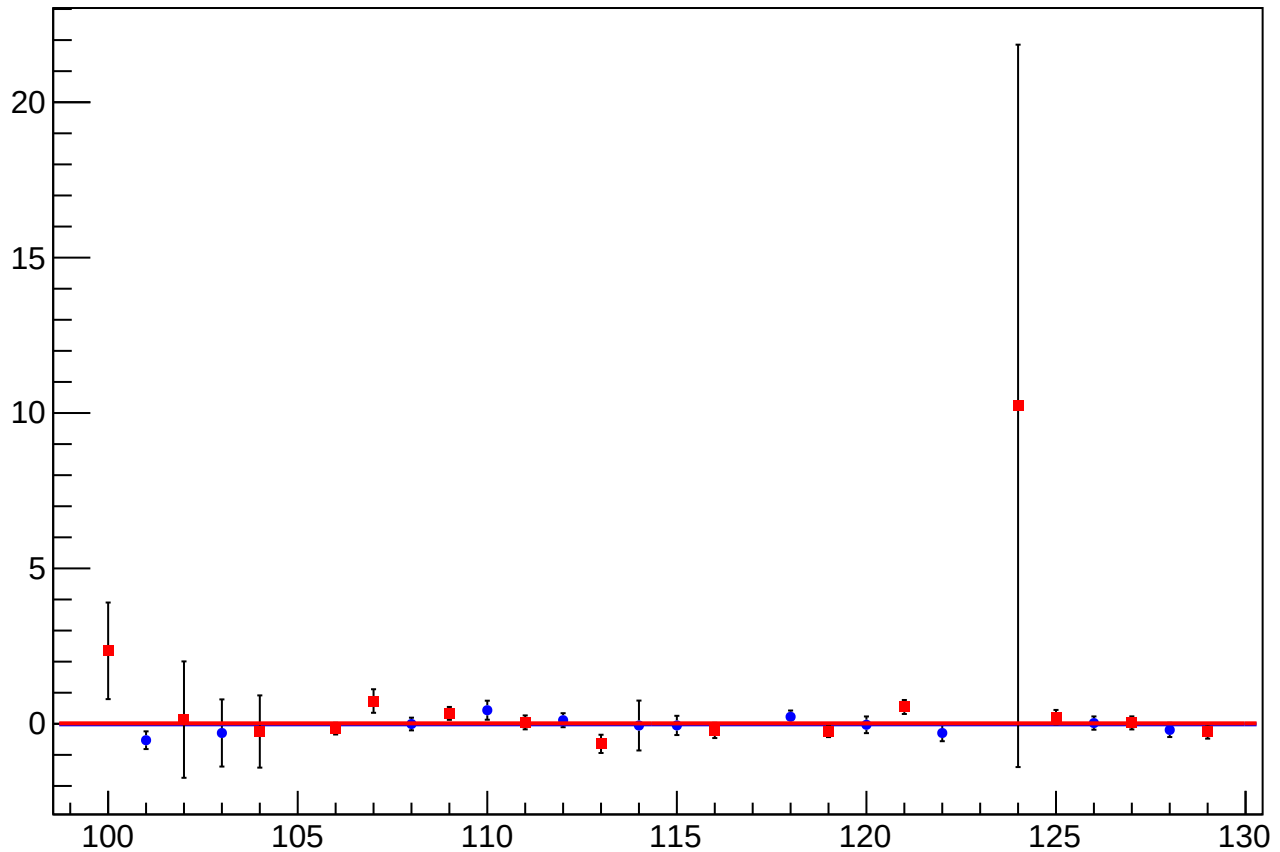
Right: 148.488+/-0.036 χ^2/NDF : 2949877.2/26

In: 156.244+/-0.054 χ^2/NDF : 1039014.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.488+/-0.036 χ^2/NDF : 2949877.2/26

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017+/-0.076 χ^2/NDF : 9.1/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.015+/-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

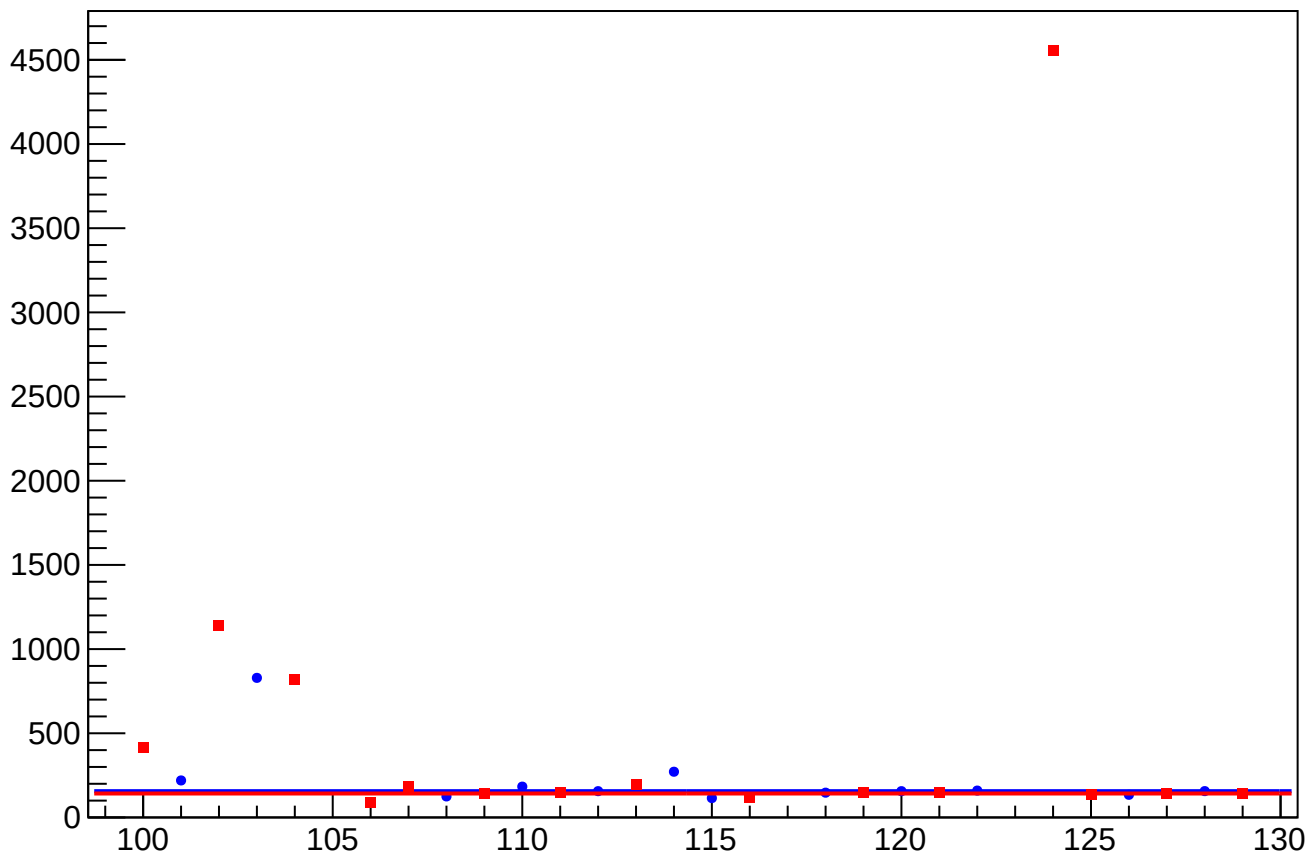
Right: 0.001+/-0.051 χ^2/NDF : 34.3/26

In: -0.017+/-0.076 χ^2/NDF :9.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.051 χ^2/NDF : 34.3/26

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 156.244+/-0.054 χ^2/NDF : 1039014.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.254+/-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

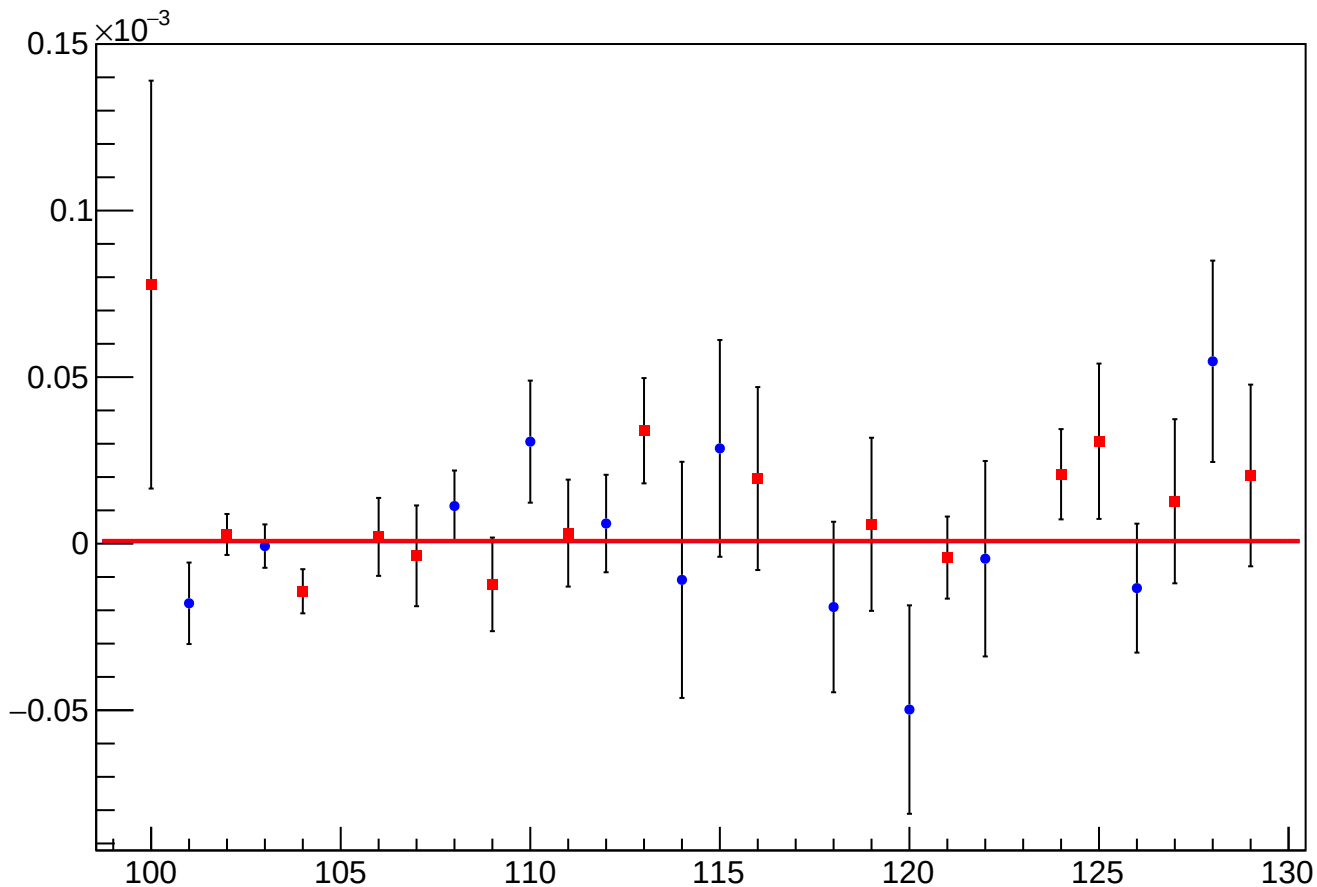
Right: 148.488+/-0.036 χ^2/NDF : 2949877.2/26

In: 156.244+/-0.054 χ^2/NDF : 1039014.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.488+/-0.036 χ^2/NDF : 2949877.2/26

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 : 13.9/11

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

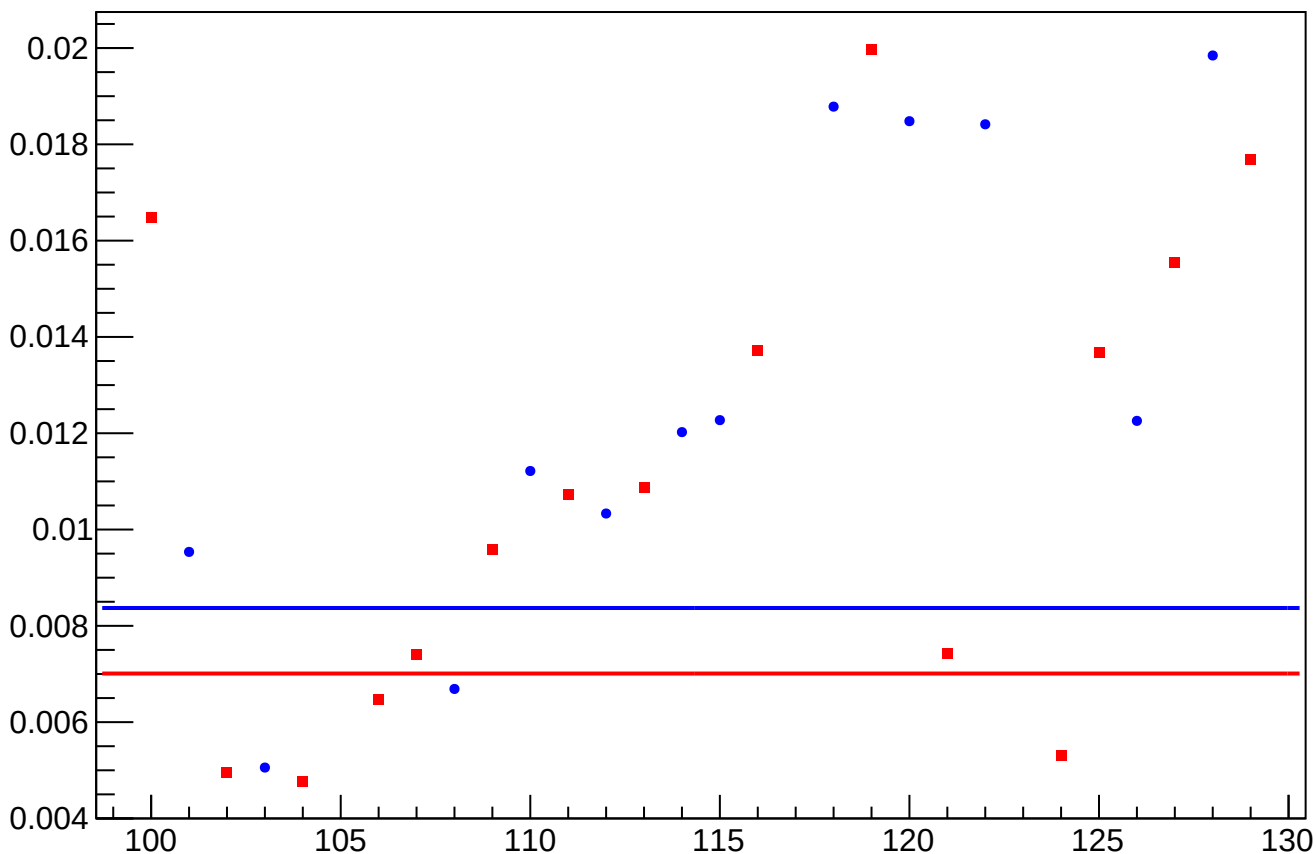
Right: 0.000+/-0.000 χ^2/NDF : 31.4/26

In: 0.000+/-0.000 χ^2/NDF : 13.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 31.4/26

asym_atl_avg_atr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 1862443.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 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

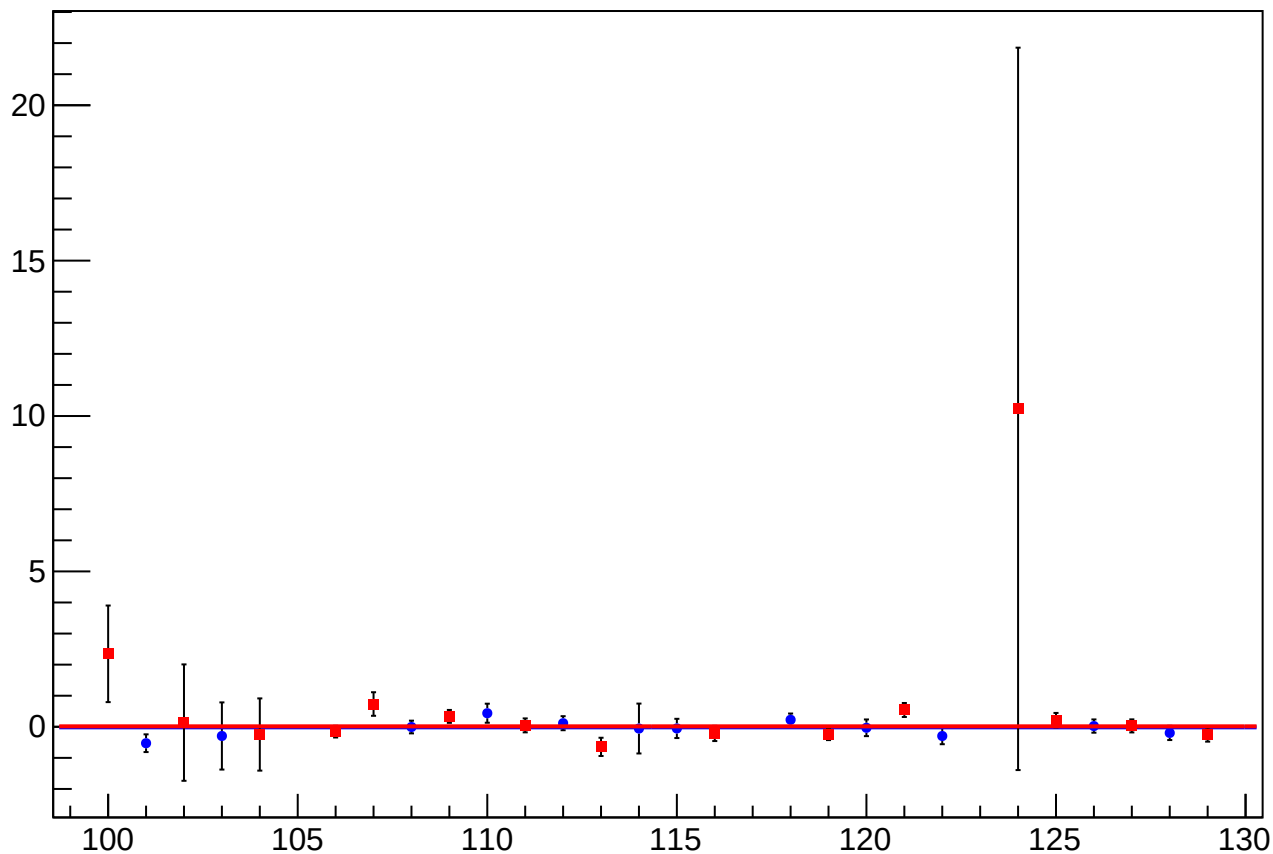
Right: 0.008+/-0.000 χ^2/NDF : 4154780.1/26

In: 0.008+/-0.000 χ^2/NDF :1862443.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.000 χ^2/NDF : 4154780.1/26

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017+/-0.076 χ^2 /NDF: 9.1/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.015+/-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

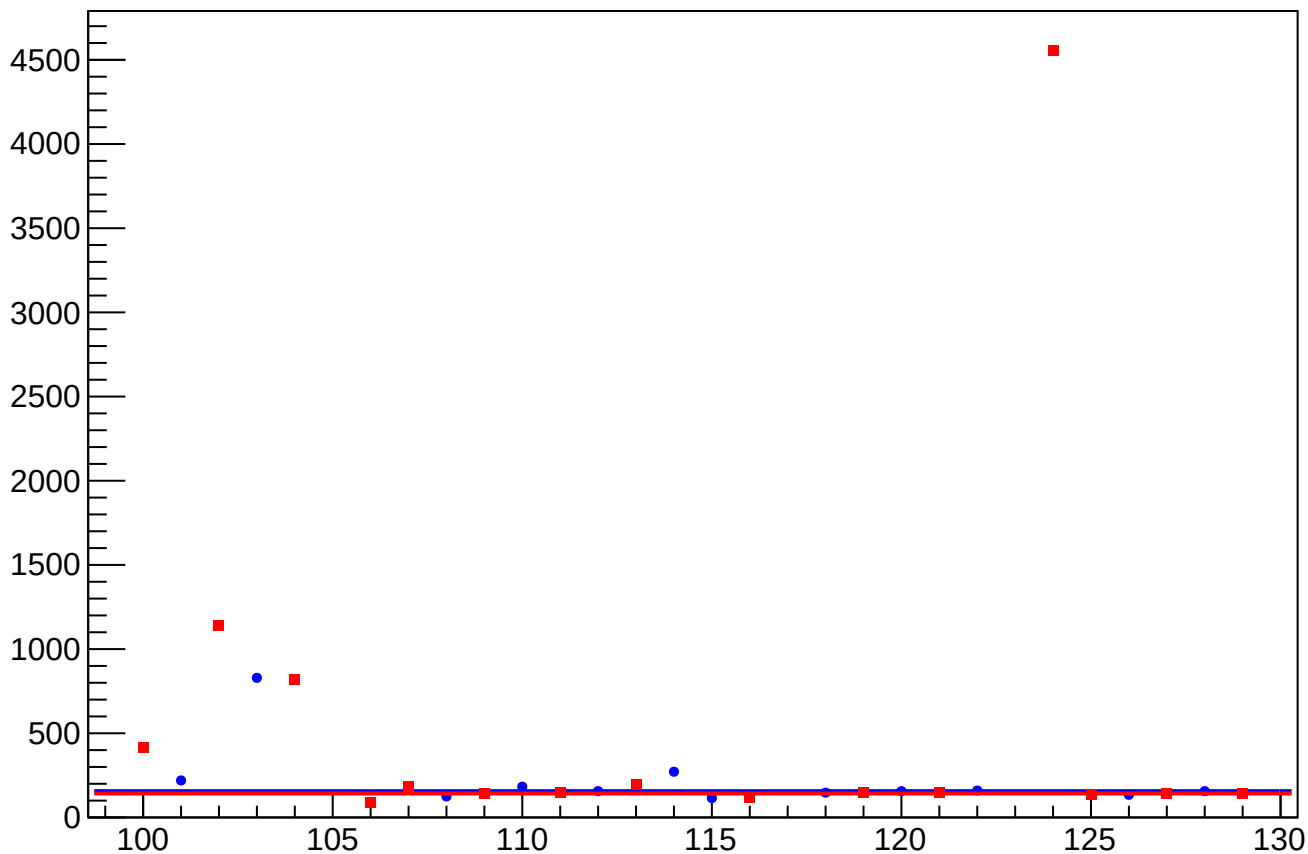
Right: 0.001+/-0.051 χ^2 /NDF: 34.3/26

In: -0.017+/-0.076 χ^2 /NDF:9.1/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.001+/-0.051 χ^2 /NDF: 34.3/26

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 156.243+/-0.054 χ^2/NDF : 1039007.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.252+/-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

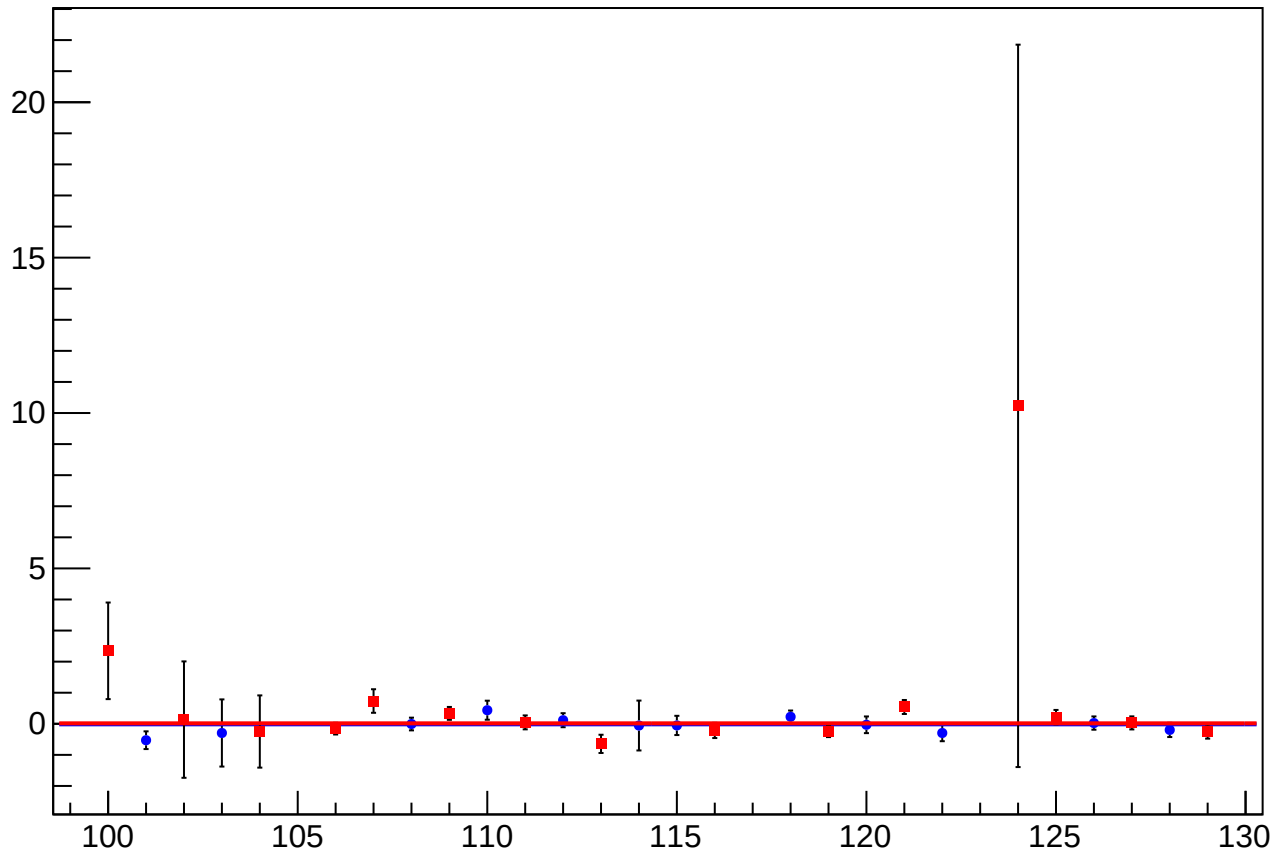
Right: 148.487+/-0.036 χ^2/NDF : 2949879.1/26

In: 156.243+/-0.054 χ^2/NDF : 1039007.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.487+/-0.036 χ^2/NDF : 2949879.1/26

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017+/-0.076 χ^2/NDF : 9.1/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.015+/-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

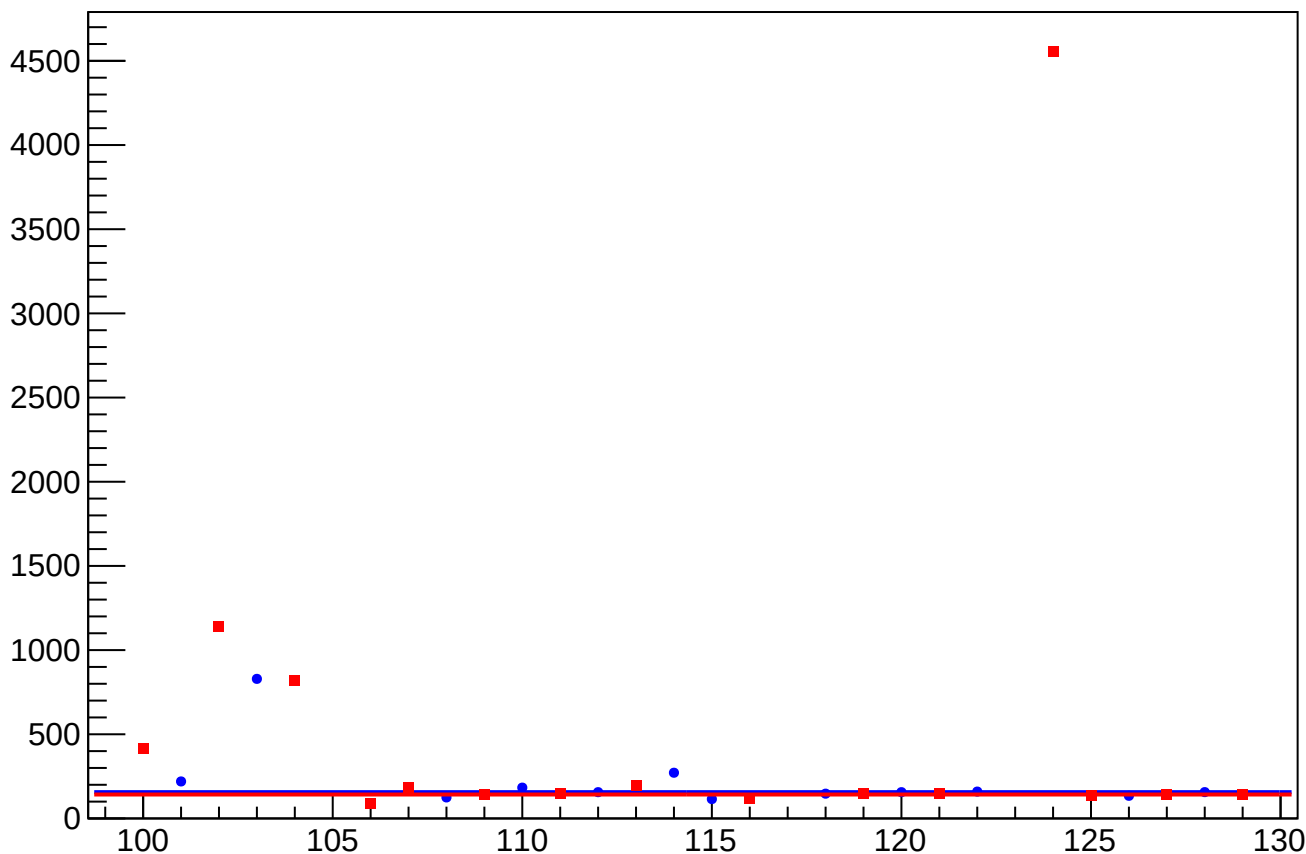
Right: 0.001+/-0.051 χ^2/NDF : 34.3/26

In: -0.017+/-0.076 χ^2/NDF :9.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.051 χ^2/NDF : 34.3/26

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 156.243+/-0.054 χ^2/NDF : 1039007.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.252+/-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

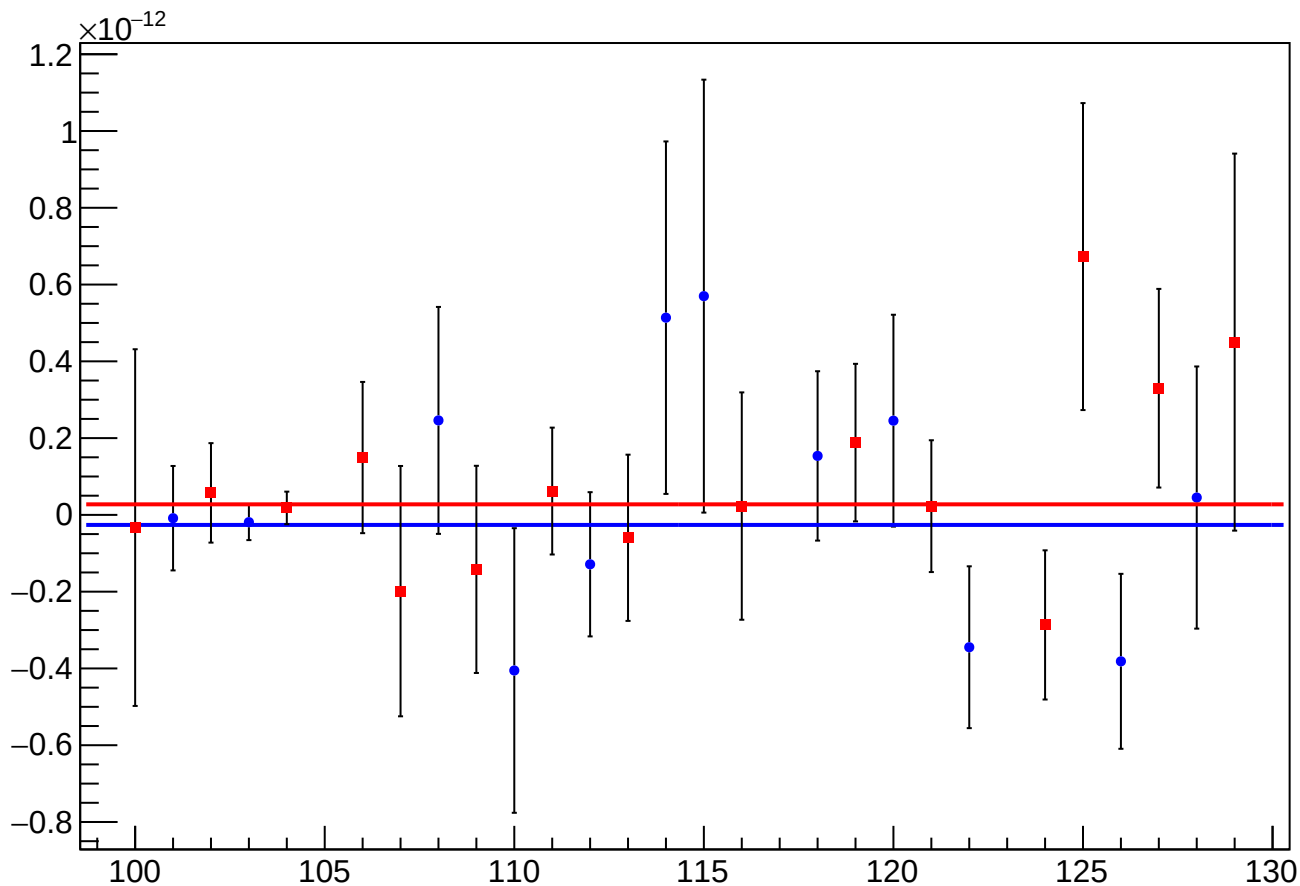
Right: 148.487+/-0.036 χ^2/NDF : 2949879.1/26

In: 156.243+/-0.054 χ^2/NDF : 1039007.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.487+/-0.036 χ^2/NDF : 2949879.1/26

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 : 11.1/11

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

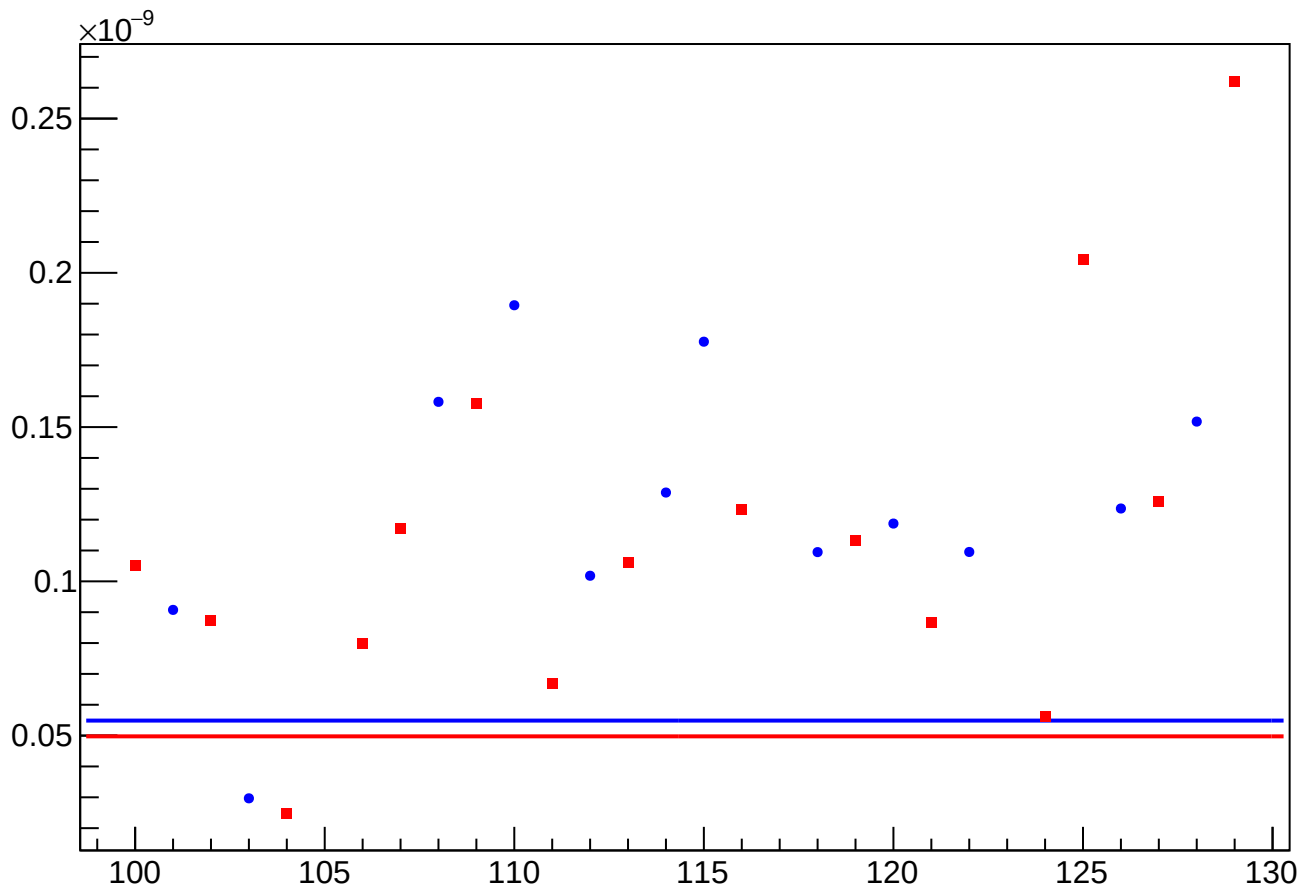
Right: 0.000+/-0.000 χ^2/NDF : 21.7/26

In: -0.000+/-0.000 χ^2/NDF : 11.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.7/26

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 : 2206464.0/11

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

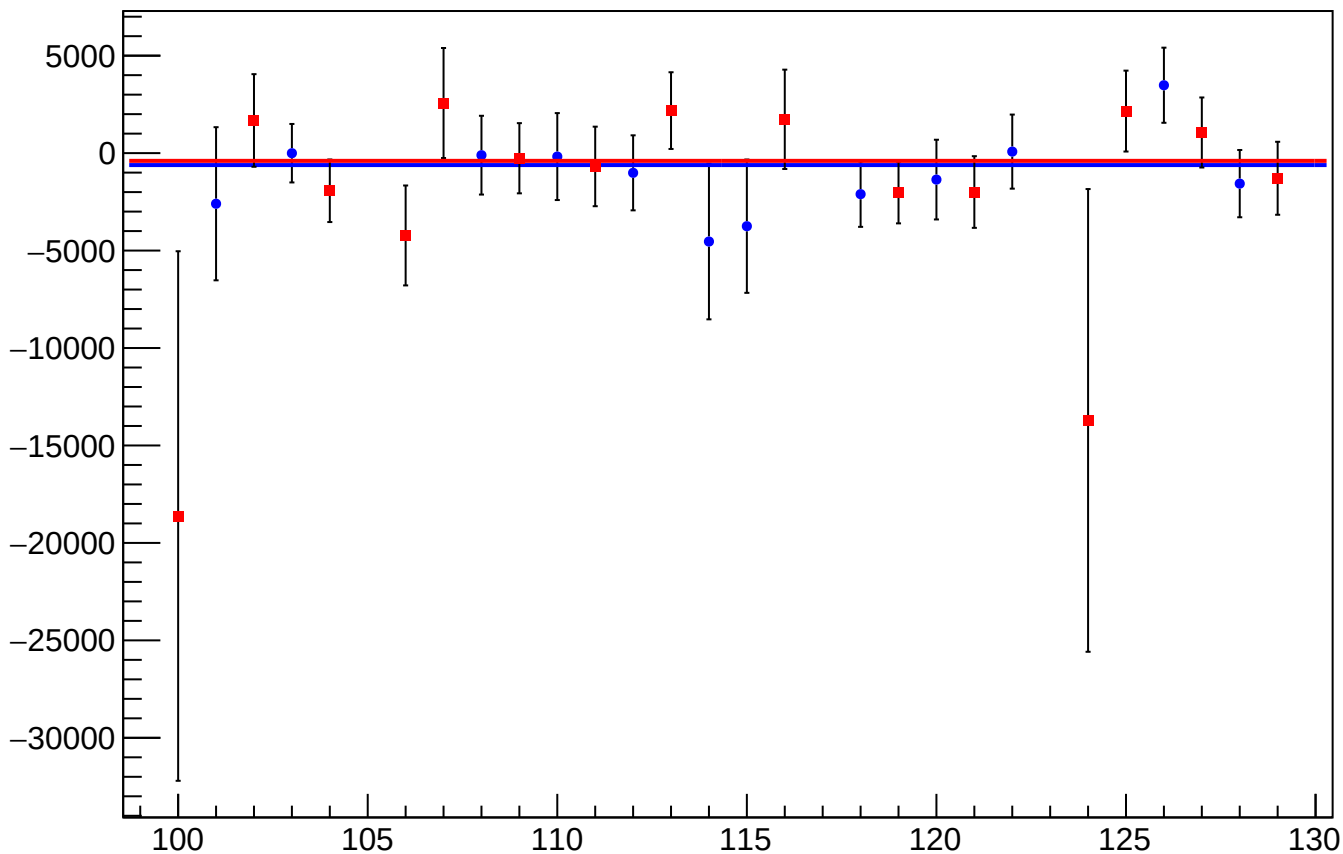
Right: 0.000+/-0.000 χ^2/NDF : 4982629.3/26

In: 0.000+/-0.000 χ^2/NDF : 2206464.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4982629.3/26

reg_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -613.443+/-592.466 χ^2/NDF : 8.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

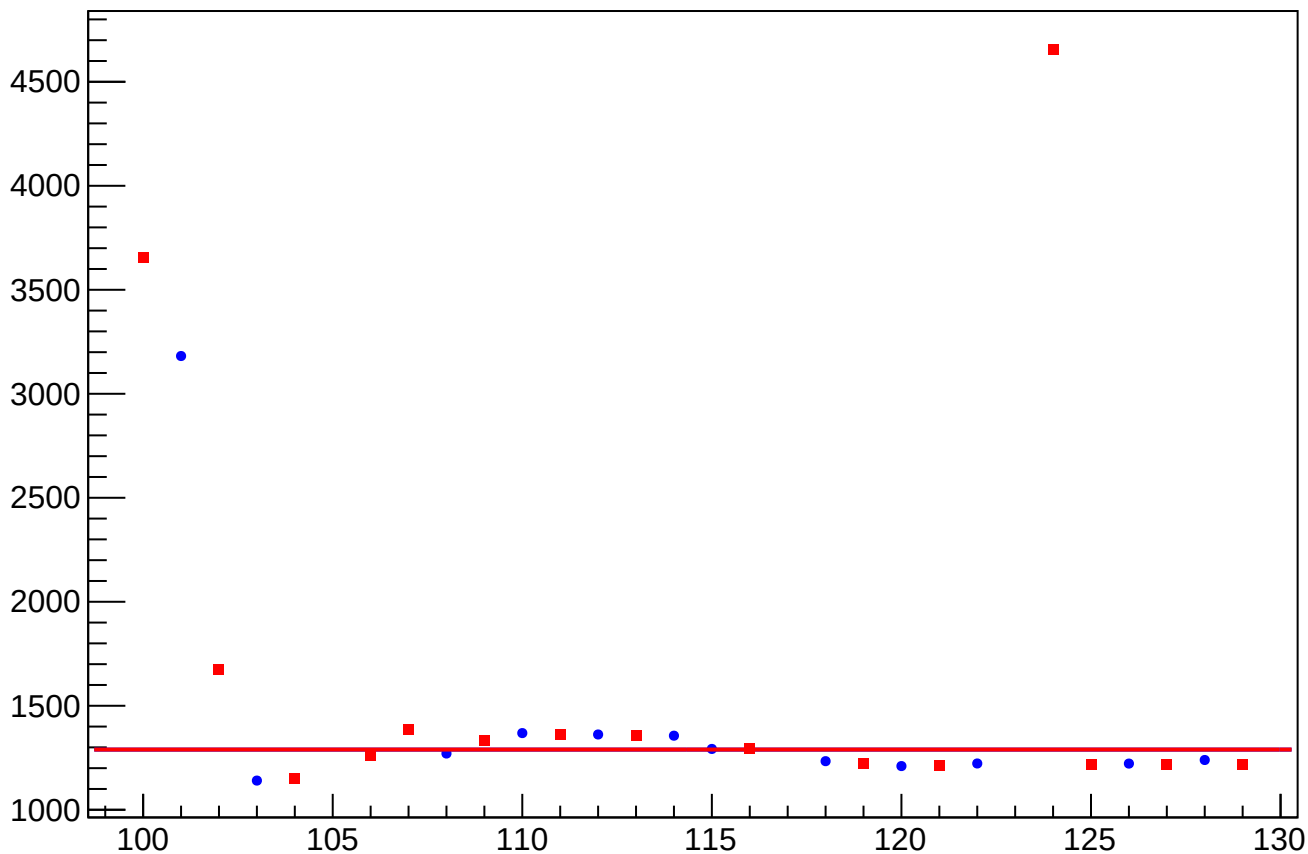
Right: -496.389+/-402.016 χ^2/NDF : 23.0/26

In: -613.443+/-592.466 χ^2/NDF : 8.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -496.389+/-402.016 χ^2/NDF : 23.0/26

reg_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1289.215+/-0.419 χ^2/NDF : 501607.0/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

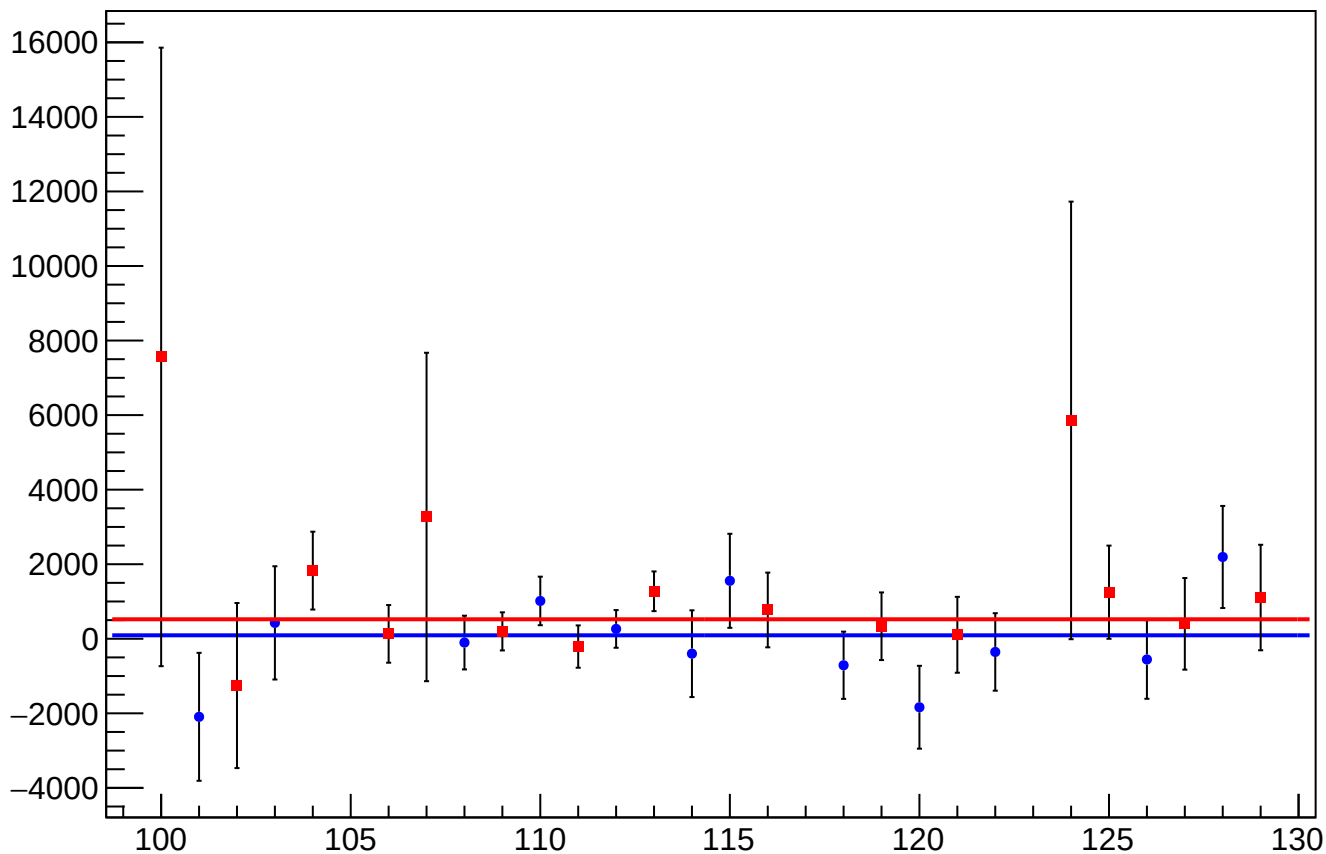
Right: 1289.357+/-0.284 χ^2/NDF : 815942.6/26

In: 1289.215+/-0.419 χ^2/NDF :501607.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1289.357+/-0.284 χ^2/NDF : 815942.6/26

asym_atl_avg_atr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 92.983+/-260.504 χ^2/NDF : 12.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

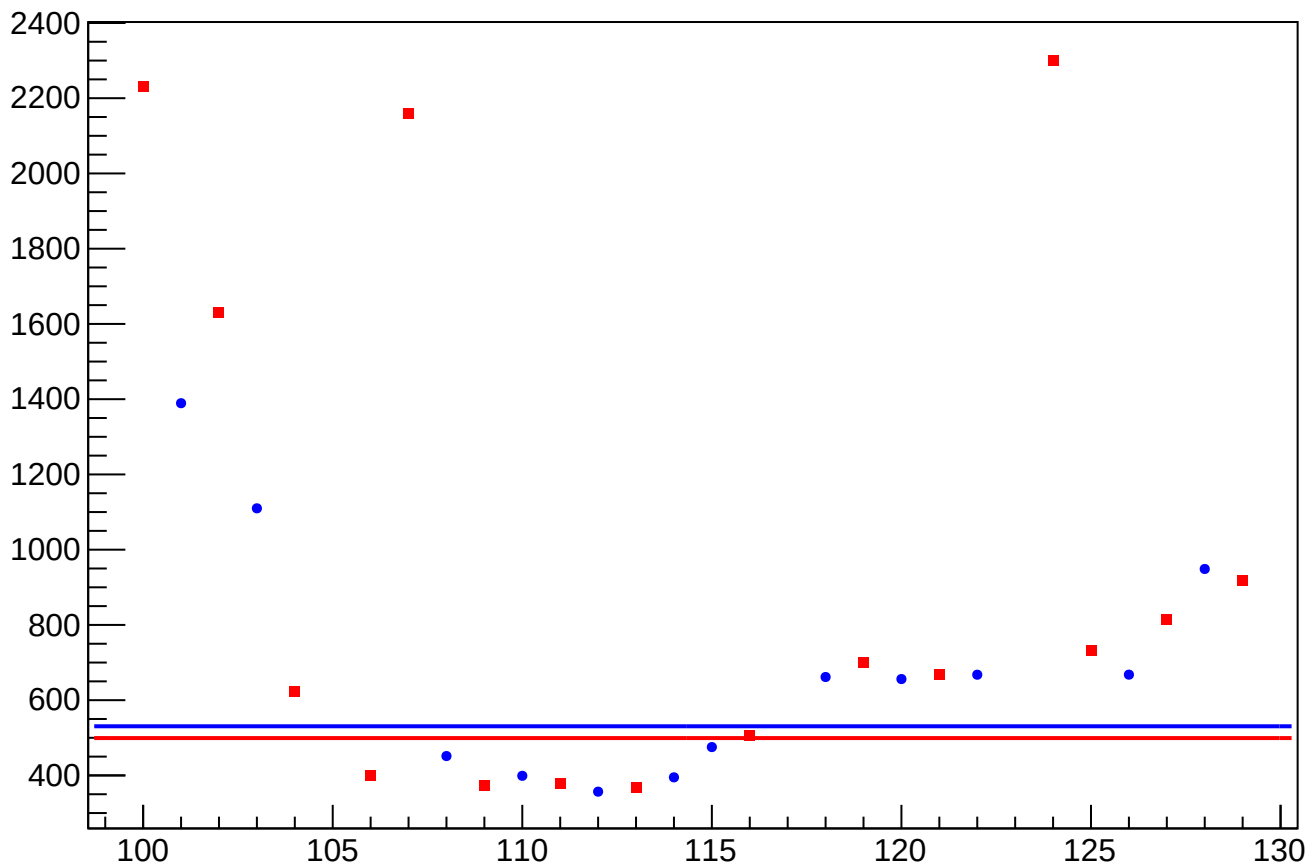
Right: 331.319+/-173.920 χ^2/NDF : 22.9/26

In: 92.983+/-260.504 χ^2/NDF : 12.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 331.319+/-173.920 χ^2/NDF : 22.9/26

asym_atl_avg_atr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 530.629+/-0.184 χ^2/NDF : 1487662.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

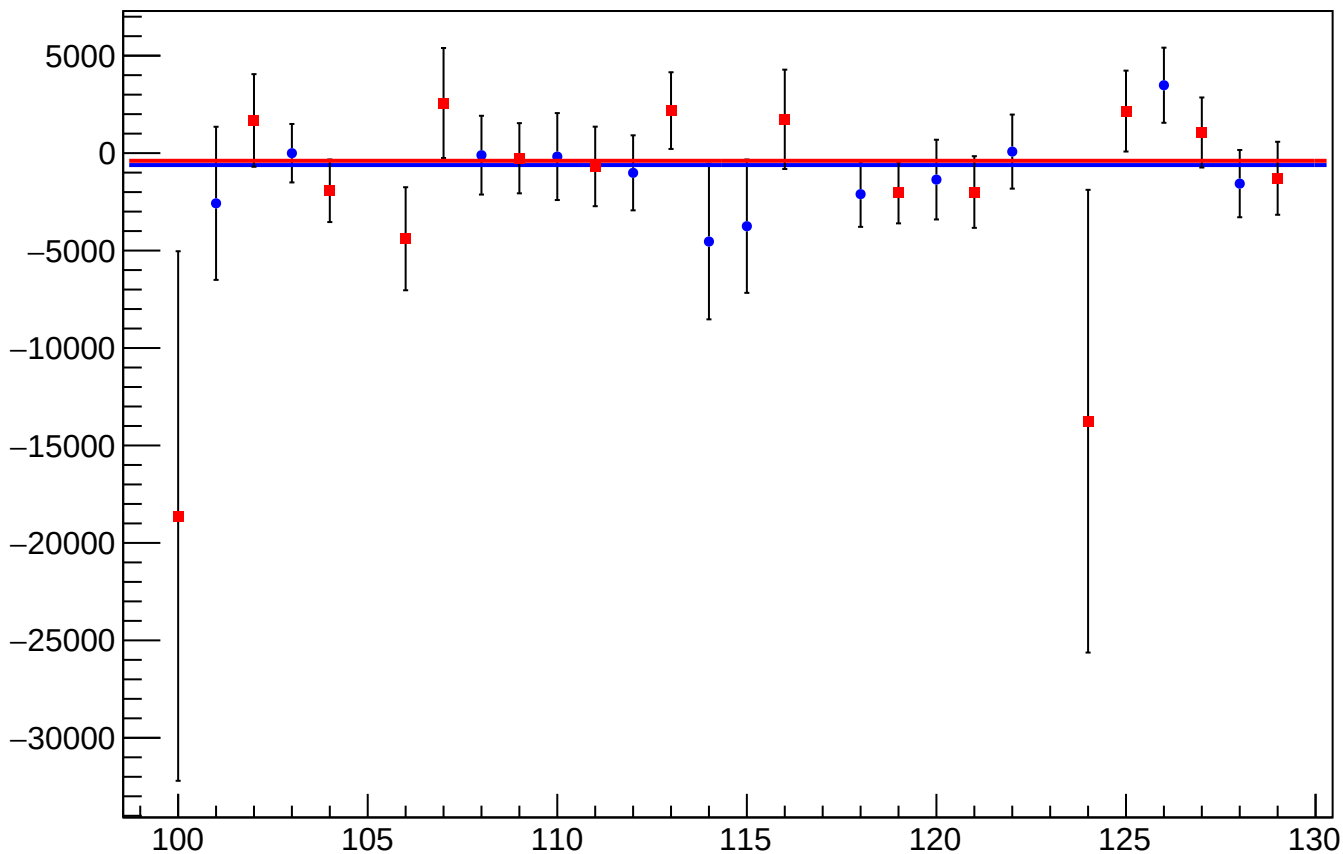
Right: 513.245+/-0.123 χ^2/NDF : 3509380.3/26

In: 530.629+/-0.184 χ^2/NDF : 1487662.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 513.245+/-0.123 χ^2/NDF : 3509380.3/26

cor_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -612.868+/-592.467 χ^2/NDF : 8.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

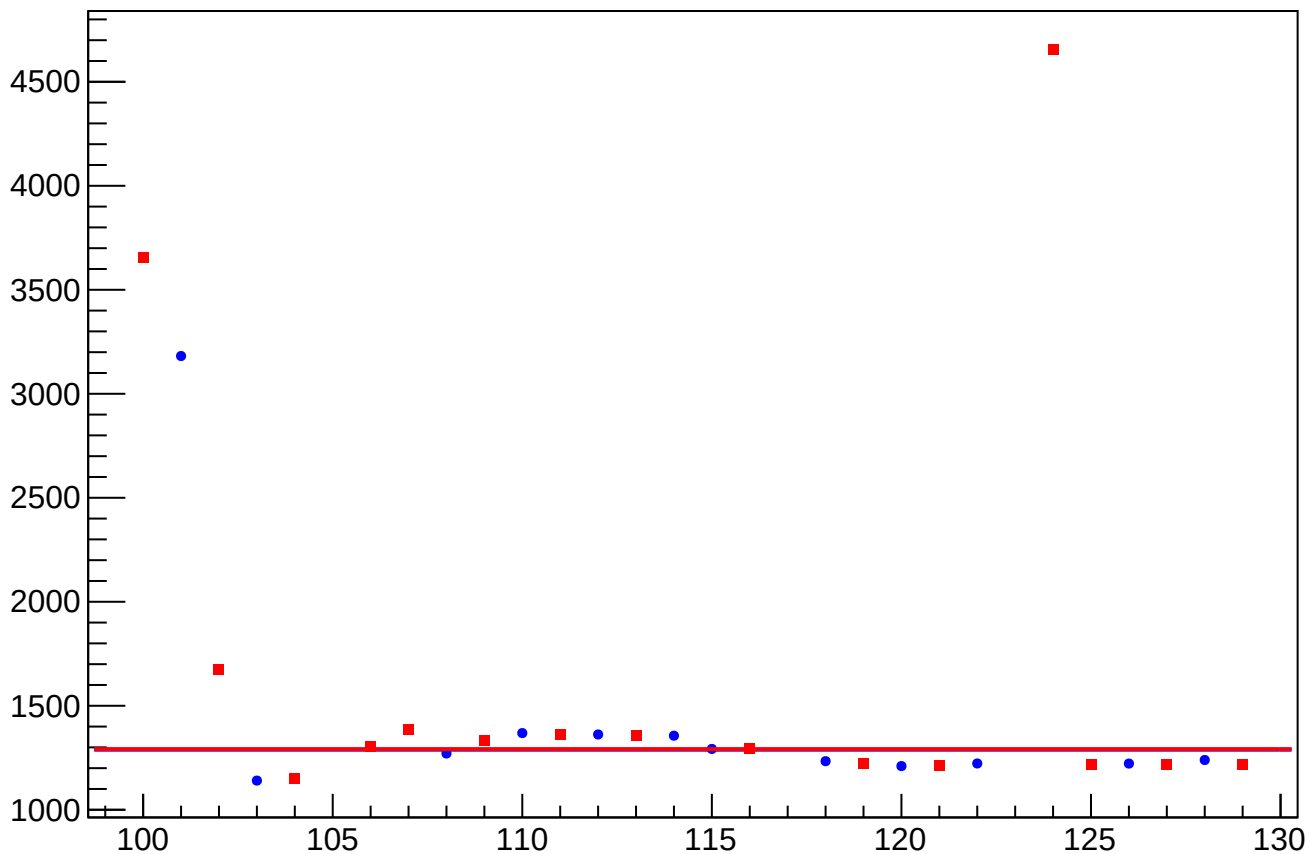
Right: -494.632+/-402.312 χ^2/NDF : 23.1/26

In: -612.868+/-592.467 χ^2/NDF : 8.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -494.632+/-402.312 χ^2/NDF : 23.1/26

cor_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1289.215+/-0.419 χ^2/NDF : 501608.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

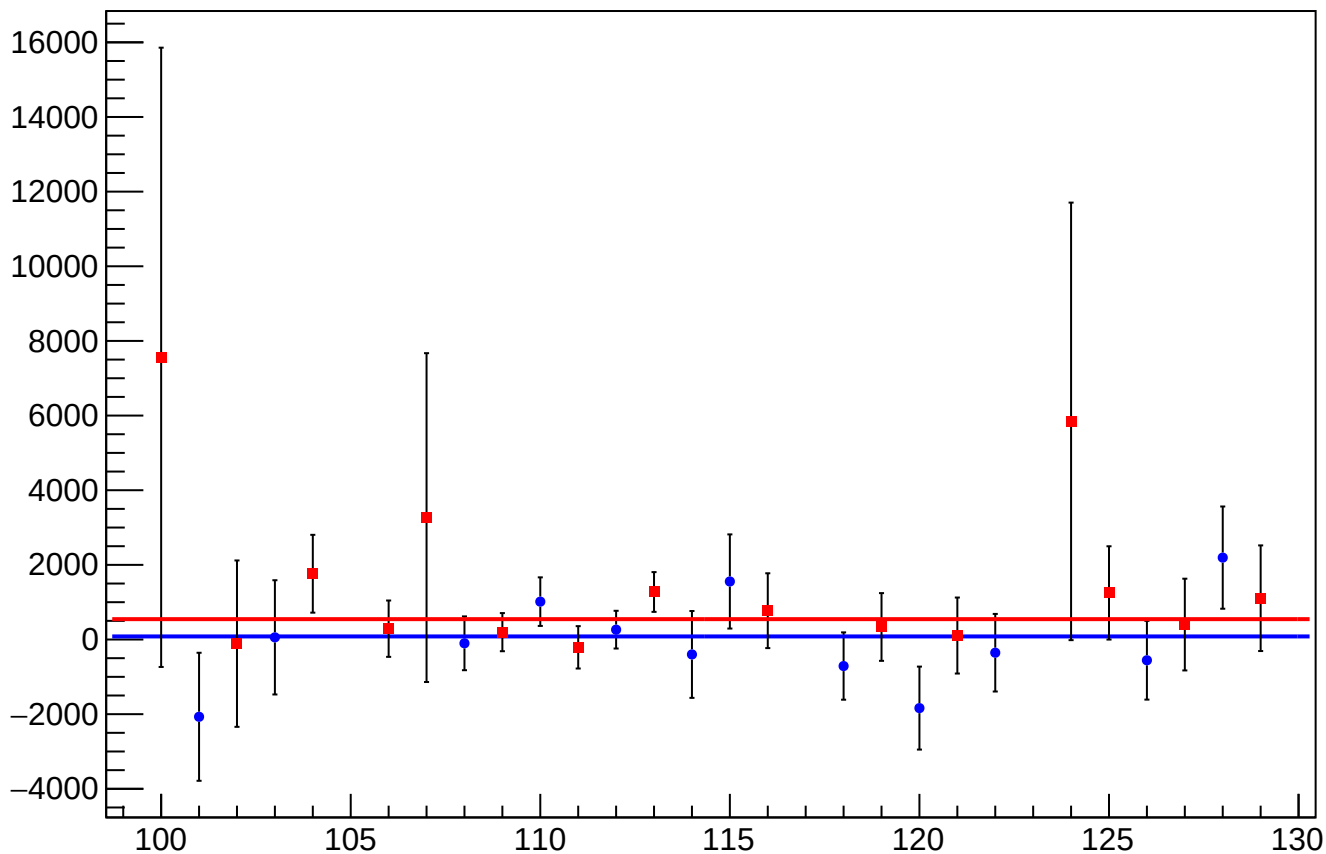
Right: 1290.340+/-0.284 χ^2/NDF : 815782.5/26

In: 1289.215+/-0.419 χ^2/NDF : 501608.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1290.340+/-0.284 χ^2/NDF : 815782.5/26

asym_atl_avg_atr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 82.712 $\pm$ 260.558 χ^2 /NDF: 12.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 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

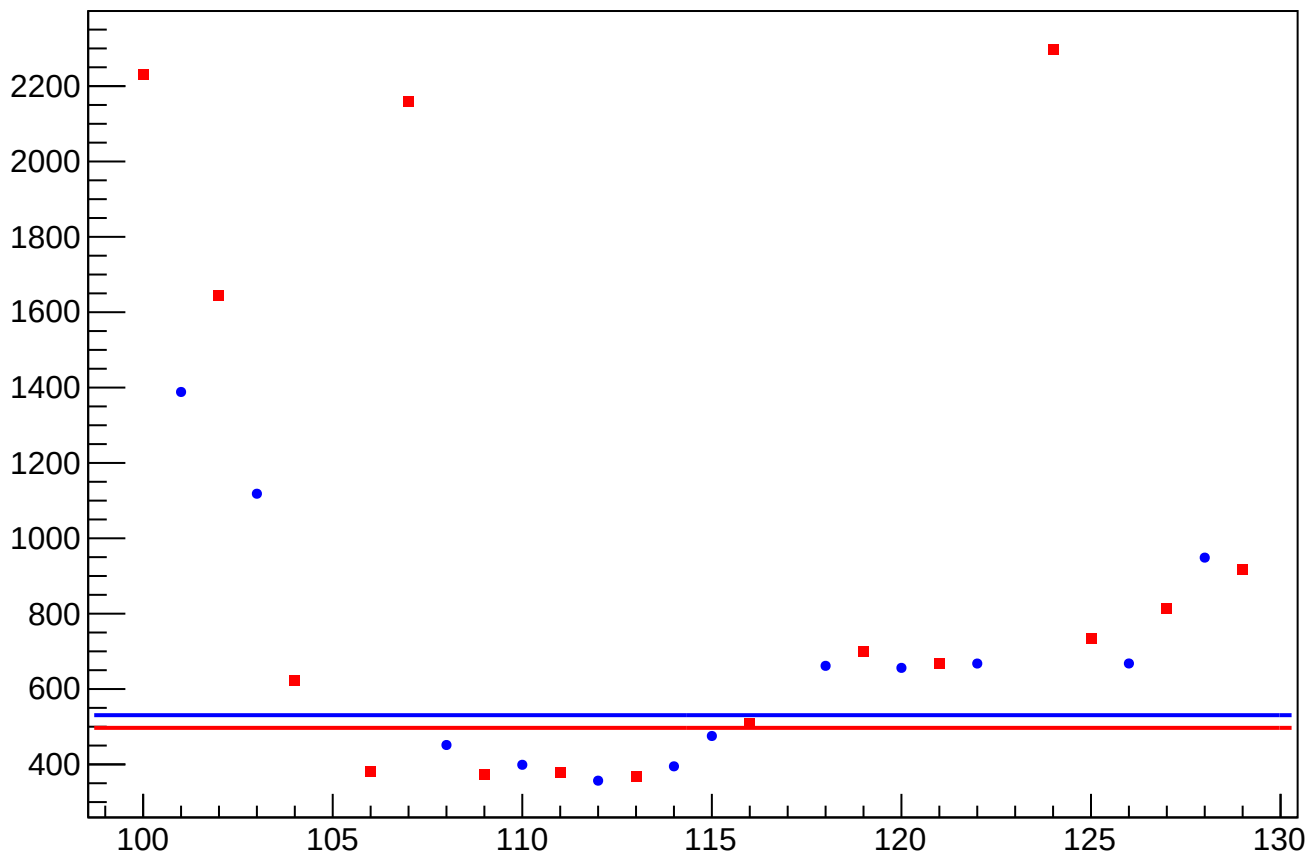
Right: 339.999 $\pm$ 173.720 χ^2 /NDF: 22.1/26

In: 82.712 $\pm$ 260.558 χ^2 /NDF:12.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 339.999 $\pm$ 173.720 χ^2 /NDF: 22.1/26

asym_atl_avg_atr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 530.631+/-0.184 χ^2/NDF : 1491327.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

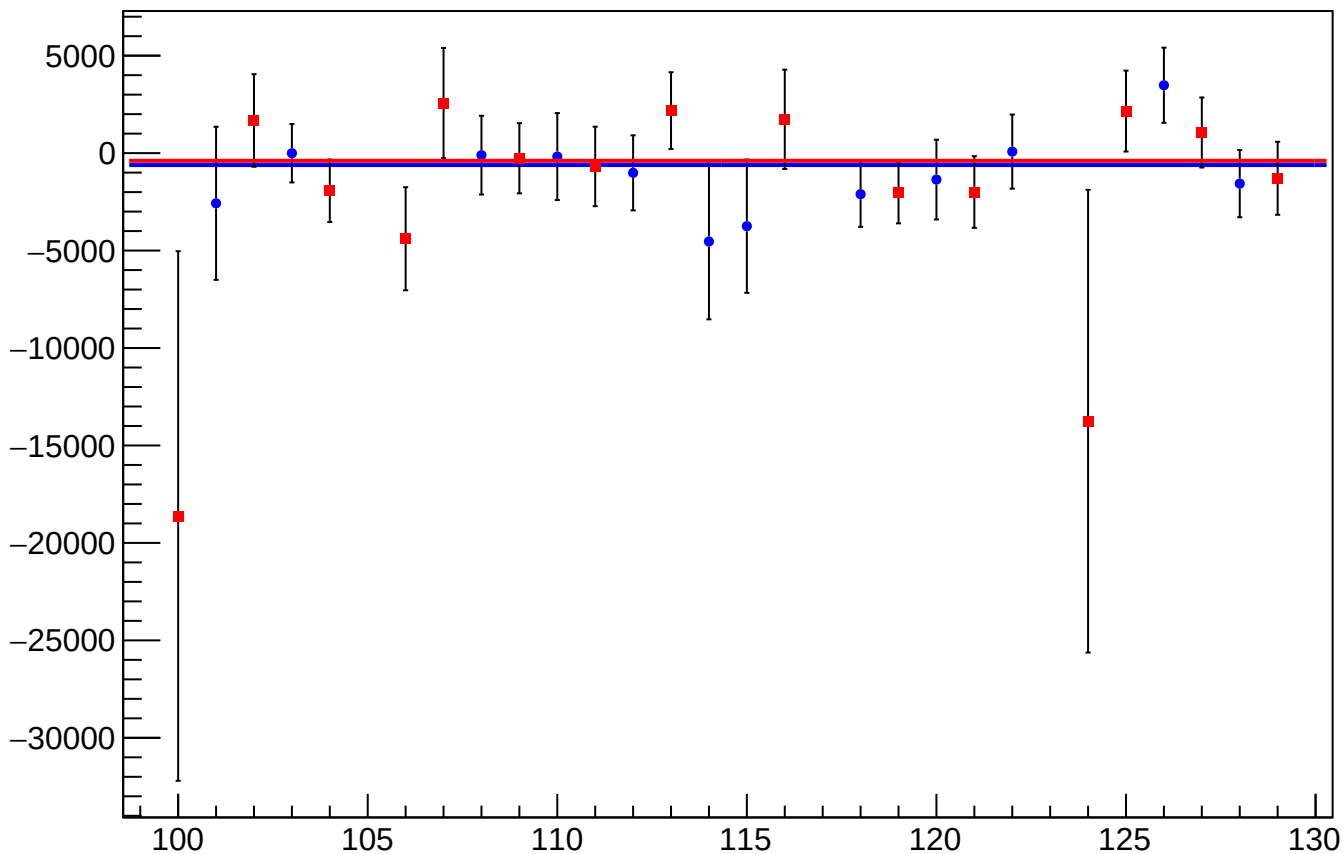
Right: 511.925+/-0.123 χ^2/NDF : 3538552.4/26

In: 530.631+/-0.184 χ^2/NDF :1491327.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 511.925+/-0.123 χ^2/NDF : 3538552.4/26

eigen_cor_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -612.868+/-592.467 χ^2/NDF : 8.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

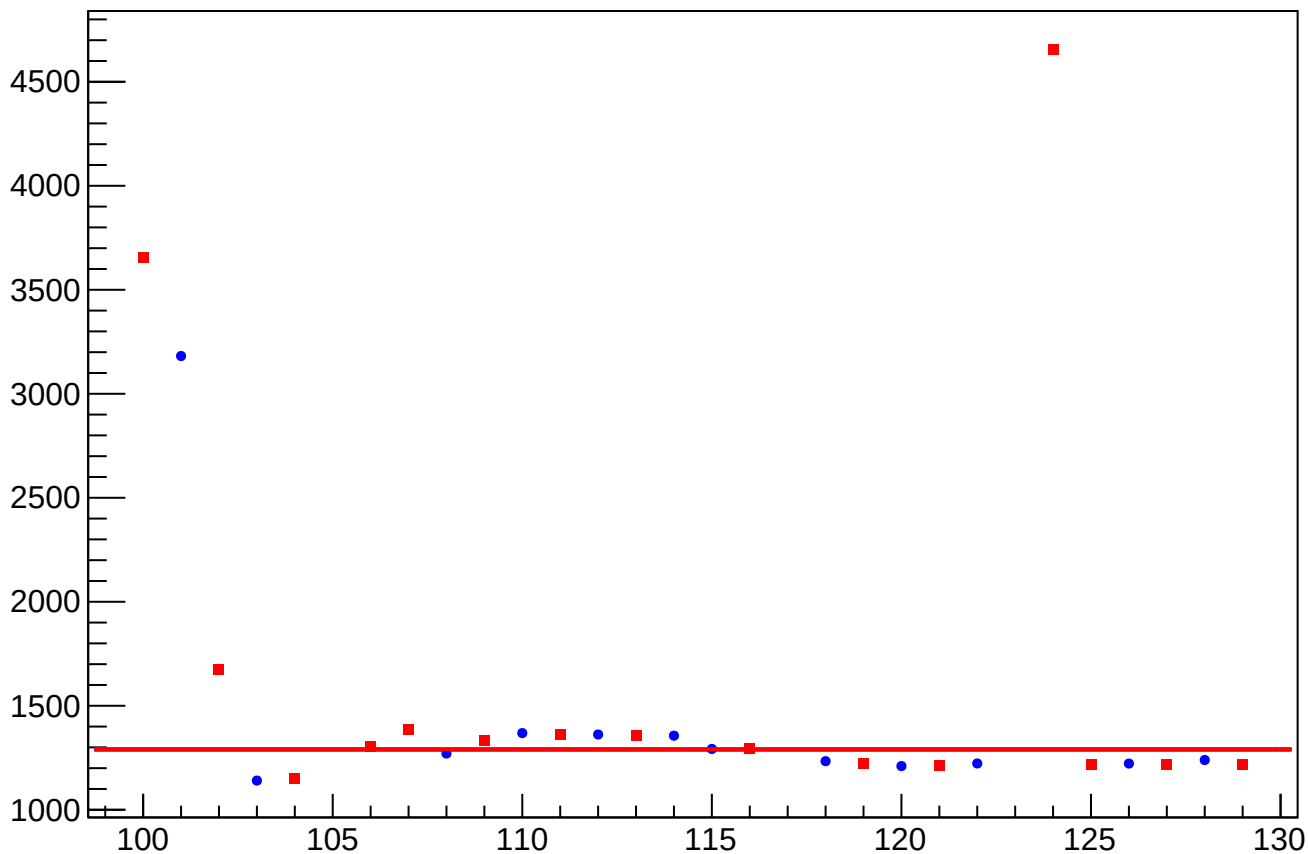
Right: -494.632+/-402.312 χ^2/NDF : 23.1/26

In: -612.868+/-592.467 χ^2/NDF : 8.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -494.632+/-402.312 χ^2/NDF : 23.1/26

eigen_cor_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1289.215+/-0.419 χ^2/NDF : 501608.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

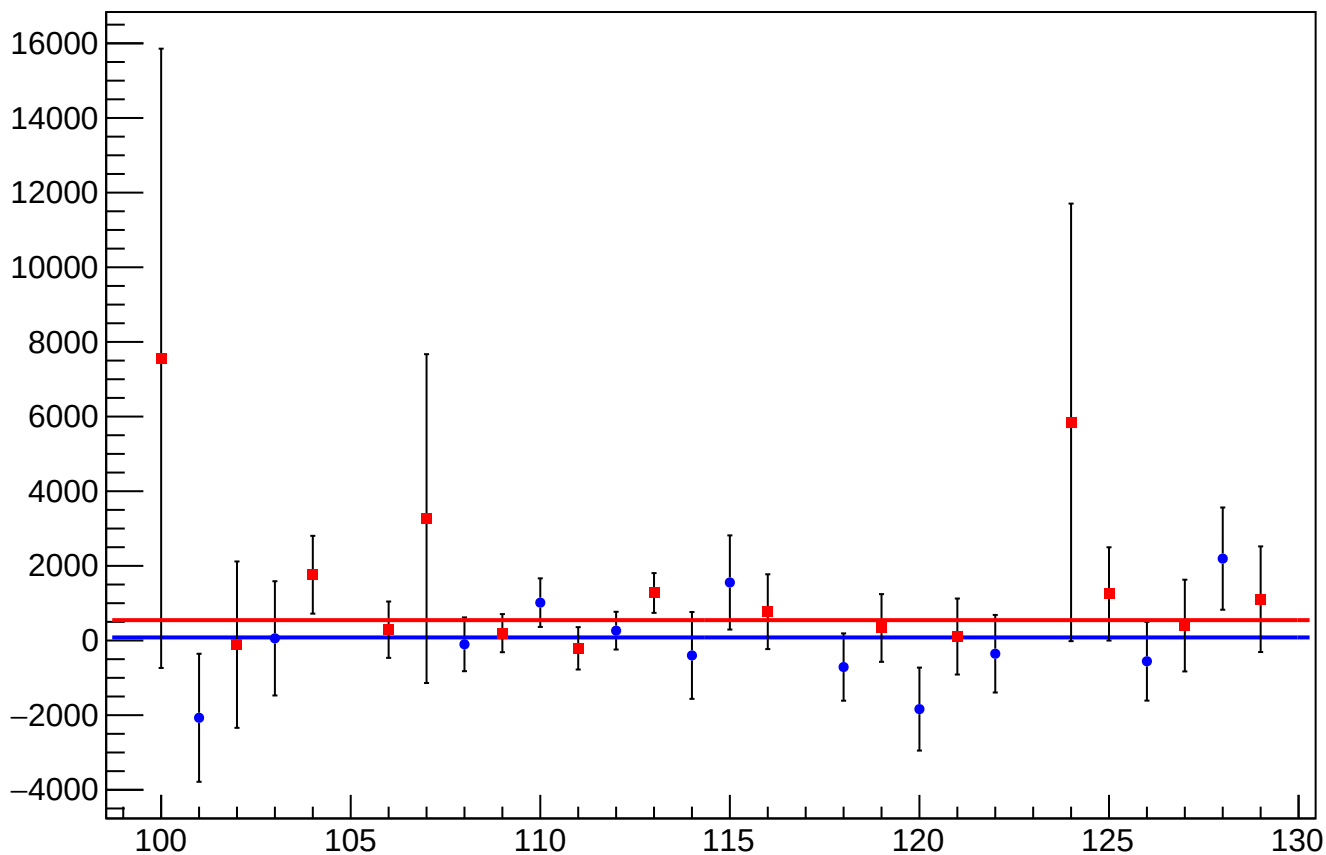
Right: 1290.340+/-0.284 χ^2/NDF : 815782.5/26

In: 1289.215+/-0.419 χ^2/NDF : 501608.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1290.340+/-0.284 χ^2/NDF : 815782.5/26

asym_atl_avg_atr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 82.712 $\pm$ 260.558 χ^2 /NDF: 12.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 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

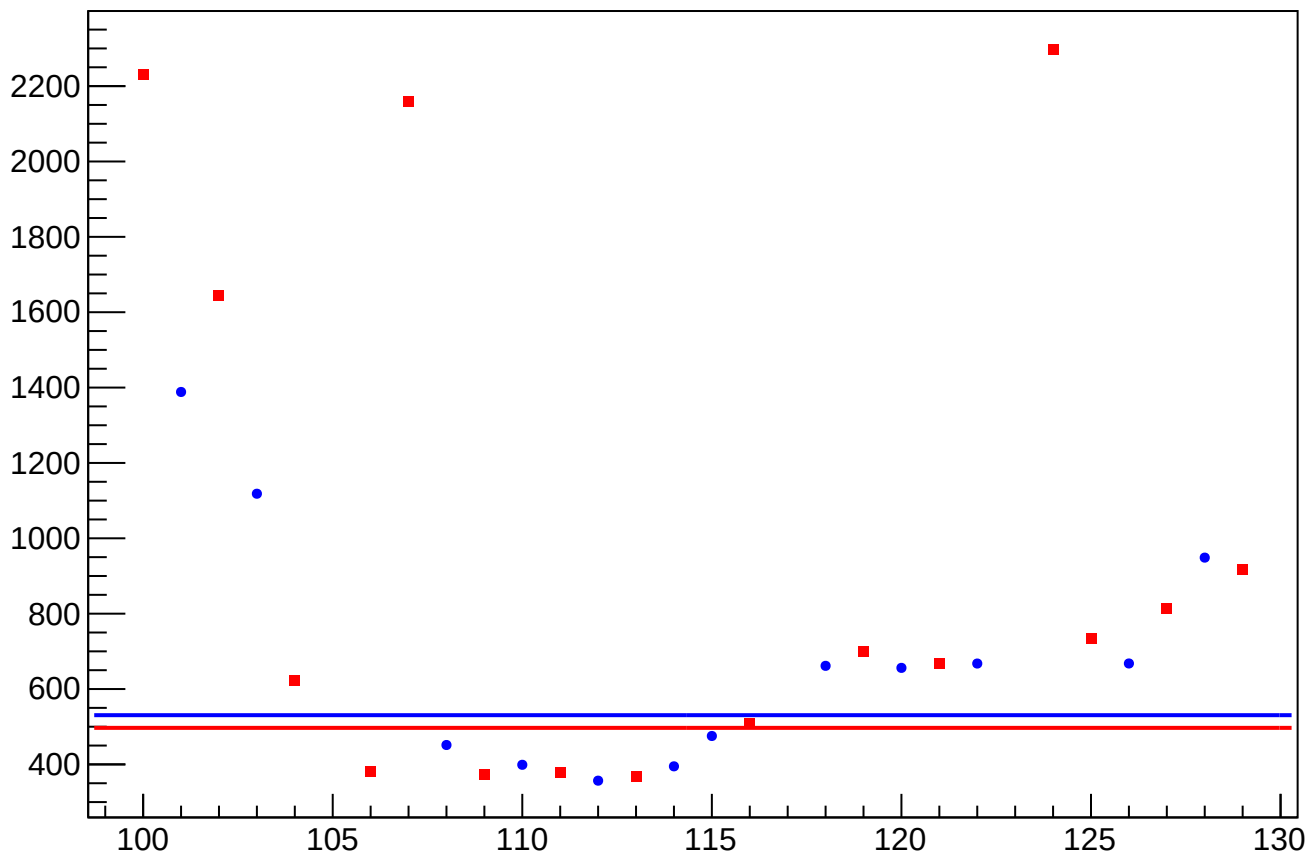
Right: 339.999 $\pm$ 173.720 χ^2 /NDF: 22.1/26

In: 82.712 $\pm$ 260.558 χ^2 /NDF:12.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 339.999 $\pm$ 173.720 χ^2 /NDF: 22.1/26

asym_atl_avg_atr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 530.631+/-0.184 χ^2/NDF : 1491327.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

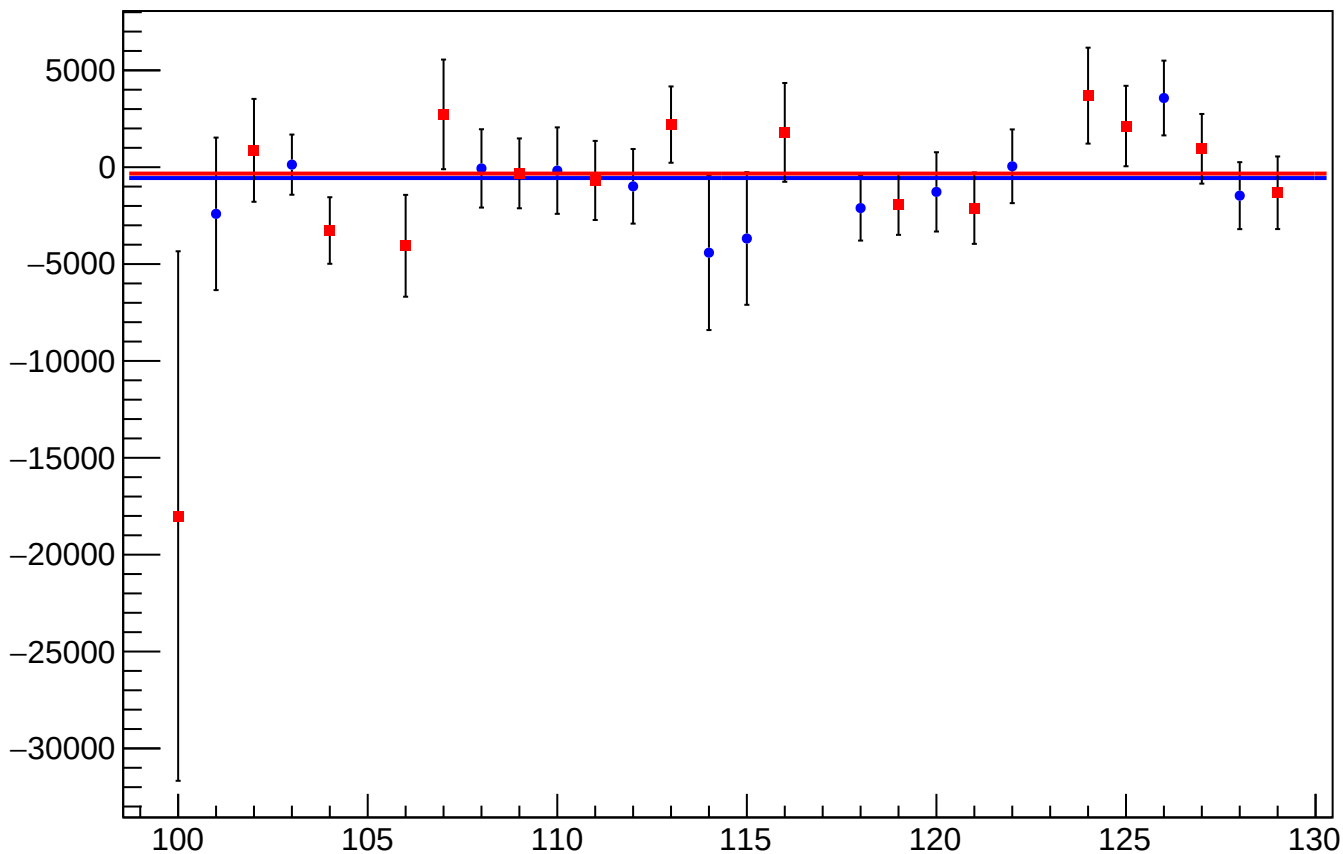
Right: 511.925+/-0.123 χ^2/NDF : 3538552.4/26

In: 530.631+/-0.184 χ^2/NDF : 1491327.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 511.925+/-0.123 χ^2/NDF : 3538552.4/26

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -561.020+/-596.014 χ^2 /NDF: 8.3/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -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

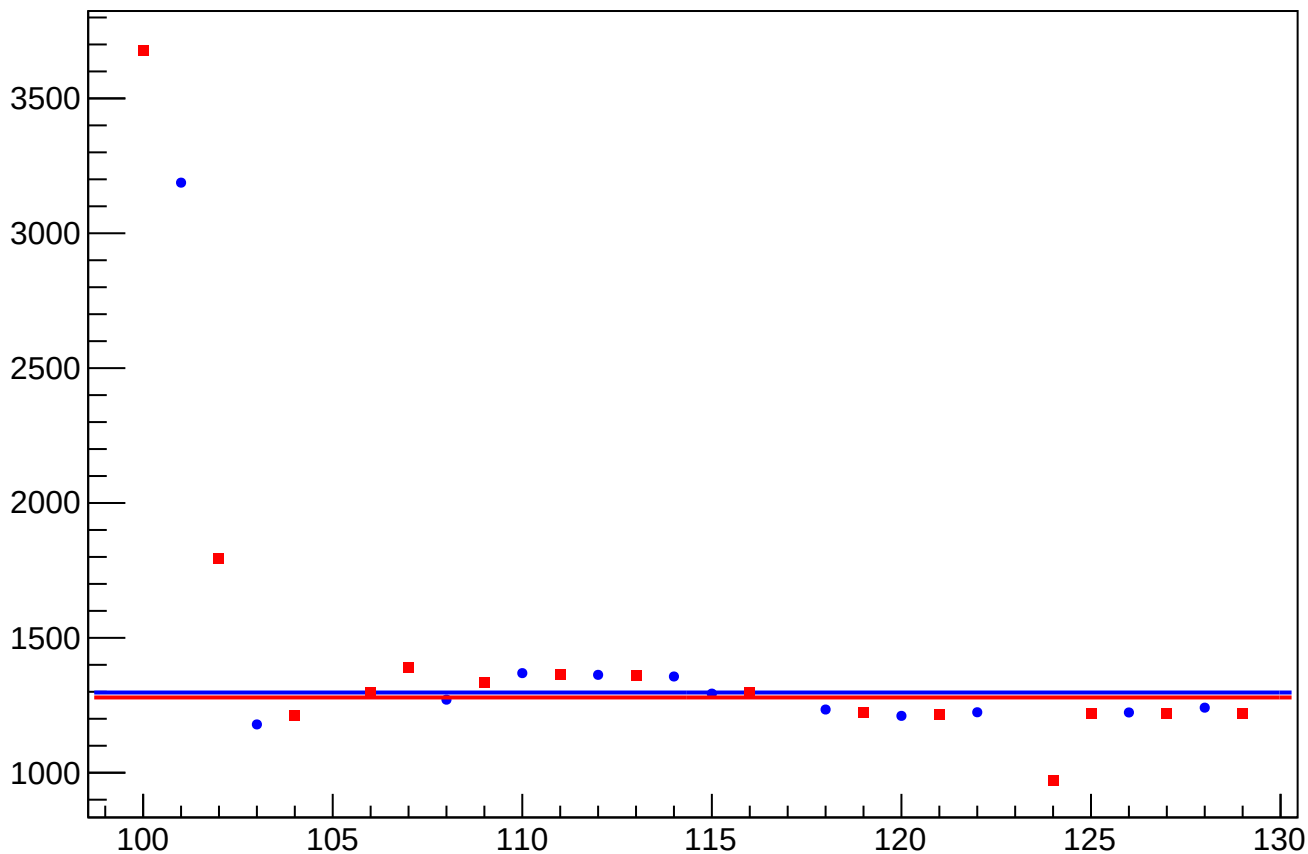
Right: -434.174+/-401.197 χ^2 /NDF: 25.5/26

In: -561.020+/-596.014 χ^2 /NDF:8.3/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -434.174+/-401.197 χ^2 /NDF: 25.5/26

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1297.364+/-0.421 χ^2/NDF : 492450.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

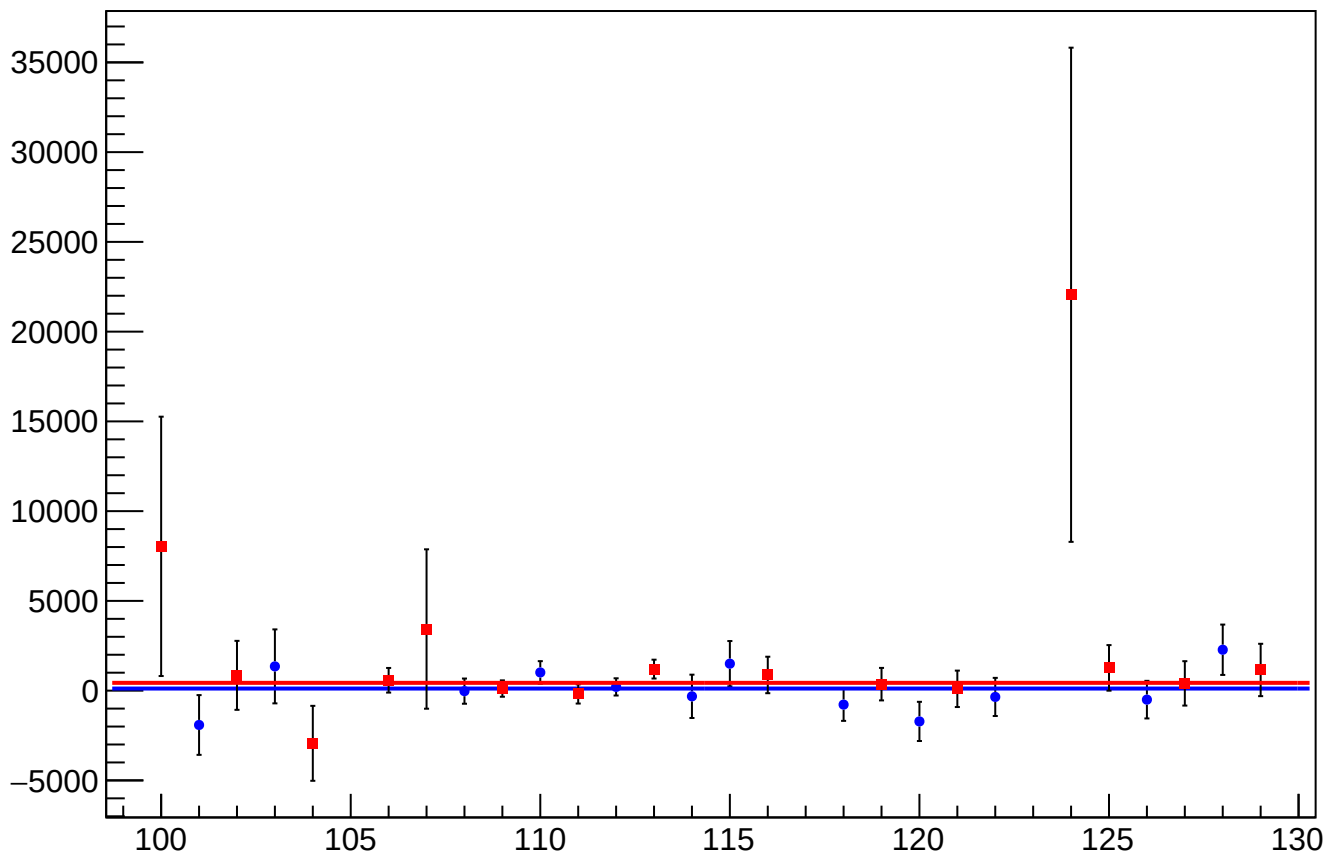
Right: 1287.324+/-0.284 χ^2/NDF : 687065.0/26

In: 1297.364+/-0.421 χ^2/NDF : 492450.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1287.324+/-0.284 χ^2/NDF : 687065.0/26

asym_atl_avg_atr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 116.580+/-256.655 χ^2/NDF : 12.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

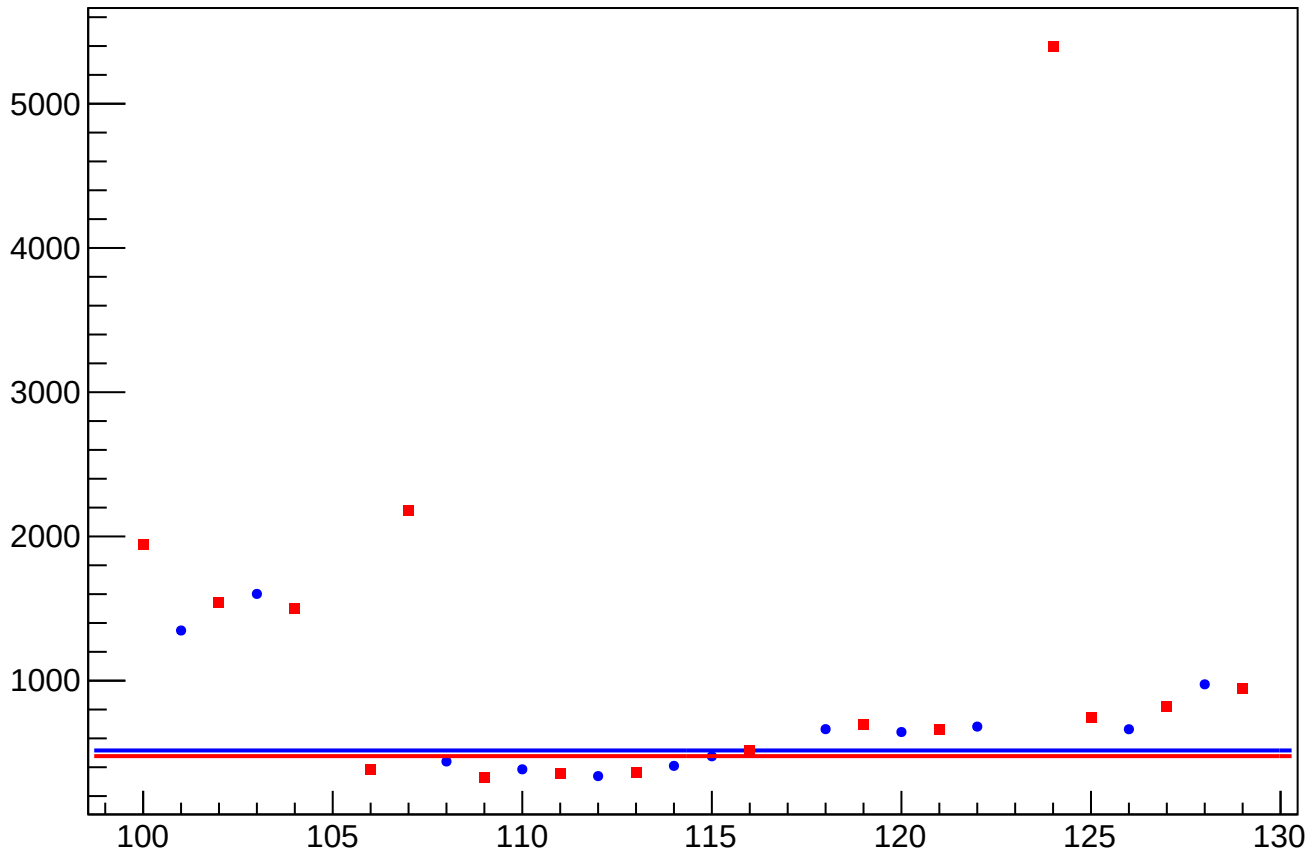
Right: 295.448+/-169.697 χ^2/NDF : 24.5/26

In: 116.580+/-256.655 χ^2/NDF : 12.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 295.448+/-169.697 χ^2/NDF : 24.5/26

asym_atl_avg_atr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 516.279+/-0.181 χ^2/NDF : 1839116.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

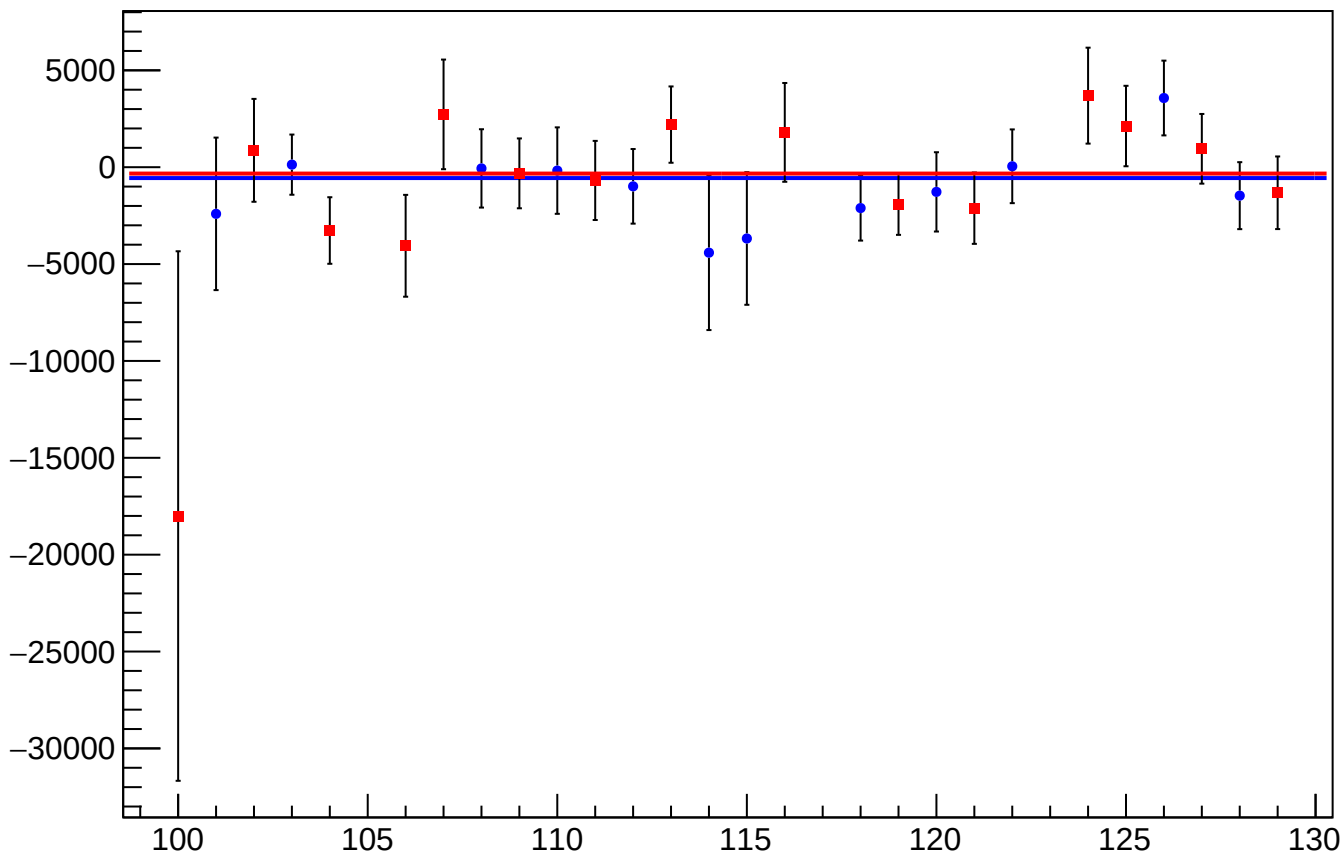
Right: 494.127+/-0.120 χ^2/NDF : 4682159.4/26

In: 516.279+/-0.181 χ^2/NDF : 1839116.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 494.127+/-0.120 χ^2/NDF : 4682159.4/26

eigen_dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -561.020+/-596.014 χ^2/NDF : 8.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

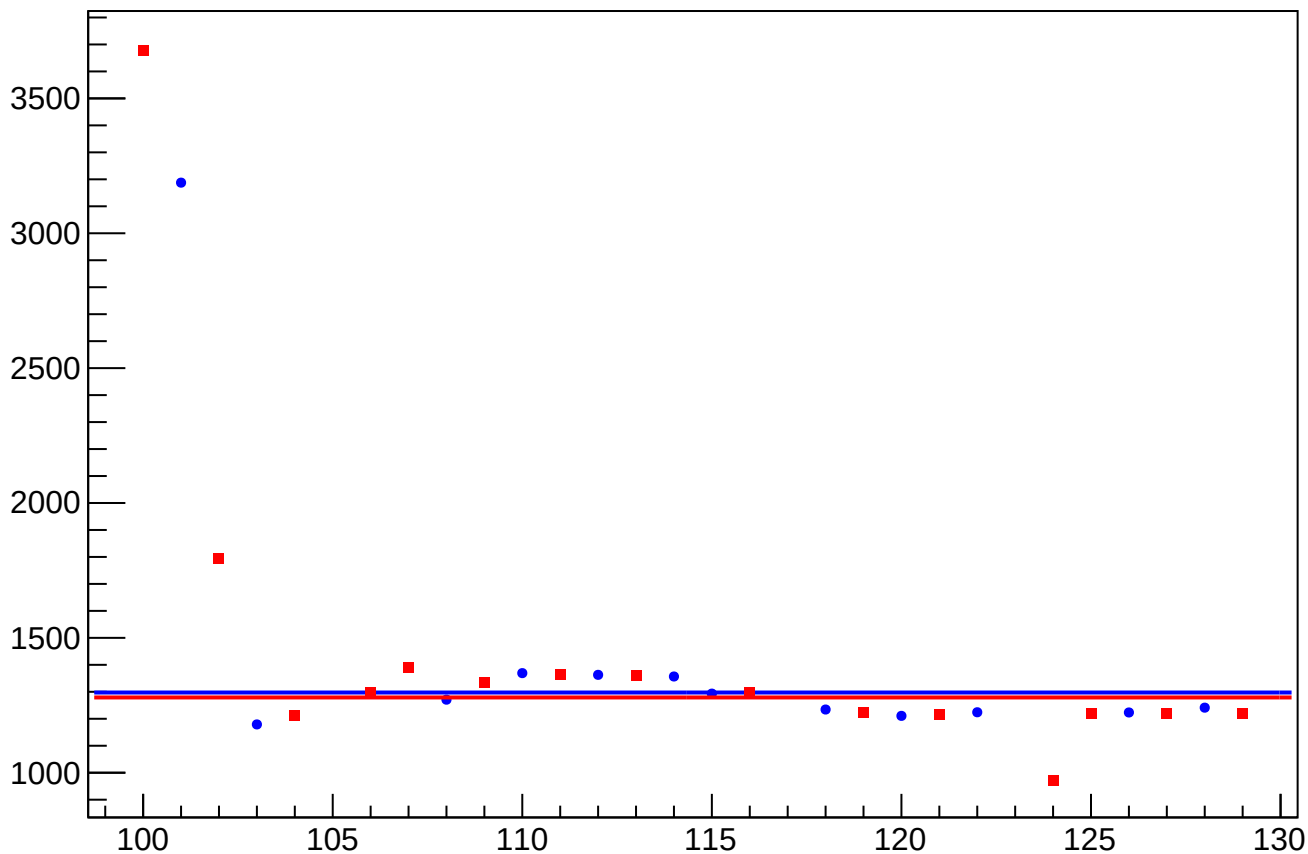
Right: -434.174+/-401.197 χ^2/NDF : 25.5/26

In: -561.020+/-596.014 χ^2/NDF : 8.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -434.174+/-401.197 χ^2/NDF : 25.5/26

eigen_dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1297.364+/-0.421 χ^2/NDF : 492450.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

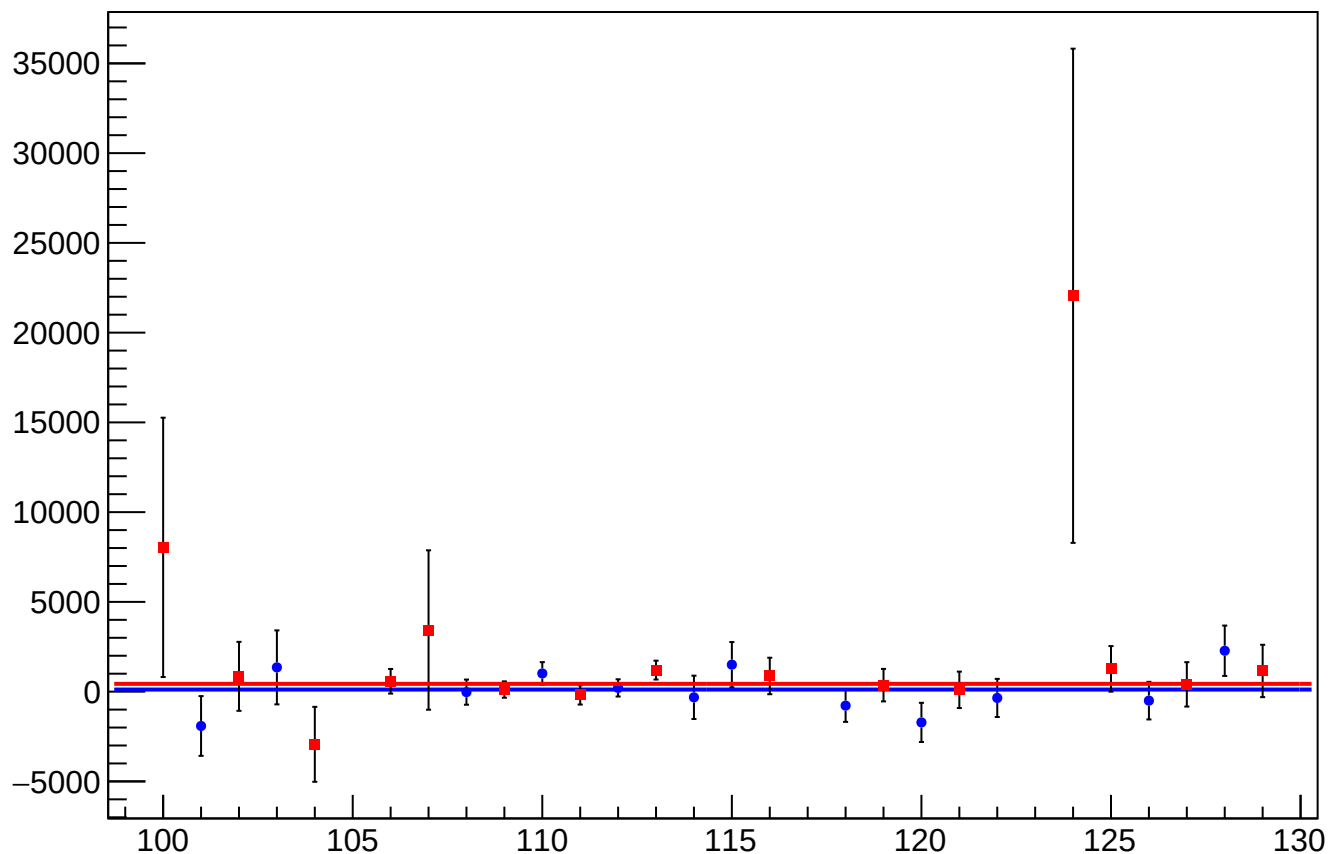
Right: 1287.324+/-0.284 χ^2/NDF : 687065.2/26

In: 1297.364+/-0.421 χ^2/NDF : 492450.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1287.324+/-0.284 χ^2/NDF : 687065.2/26

asym_atl_avg_atr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 116.580+/-256.654 χ^2/NDF : 12.0/11

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

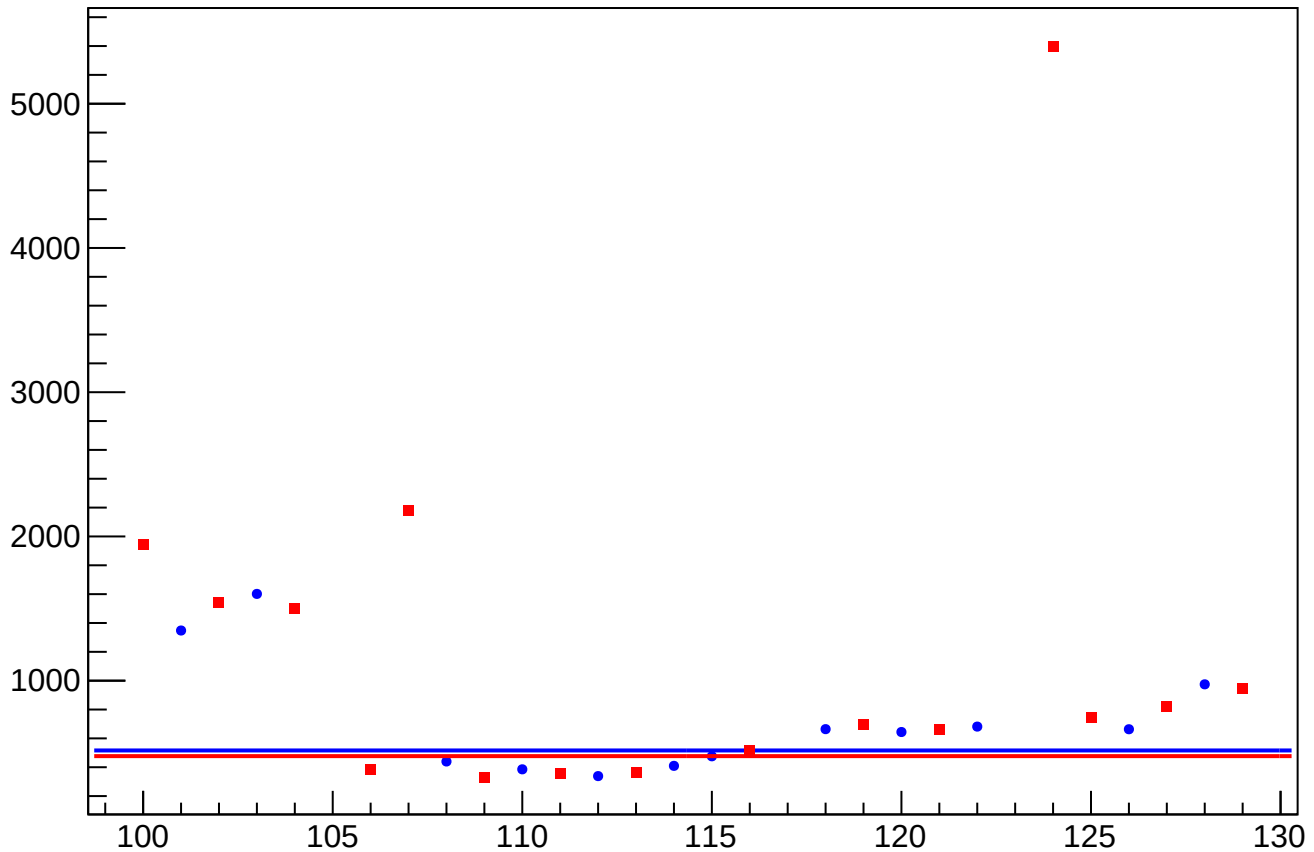
Right: 295.447+/-169.697 χ^2/NDF : 24.5/26

In: 116.580+/-256.654 χ^2/NDF : 12.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 295.447+/-169.697 χ^2/NDF : 24.5/26

asym_atl_avg_atr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 516.276+/-0.181 χ^2/NDF : 1839121.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

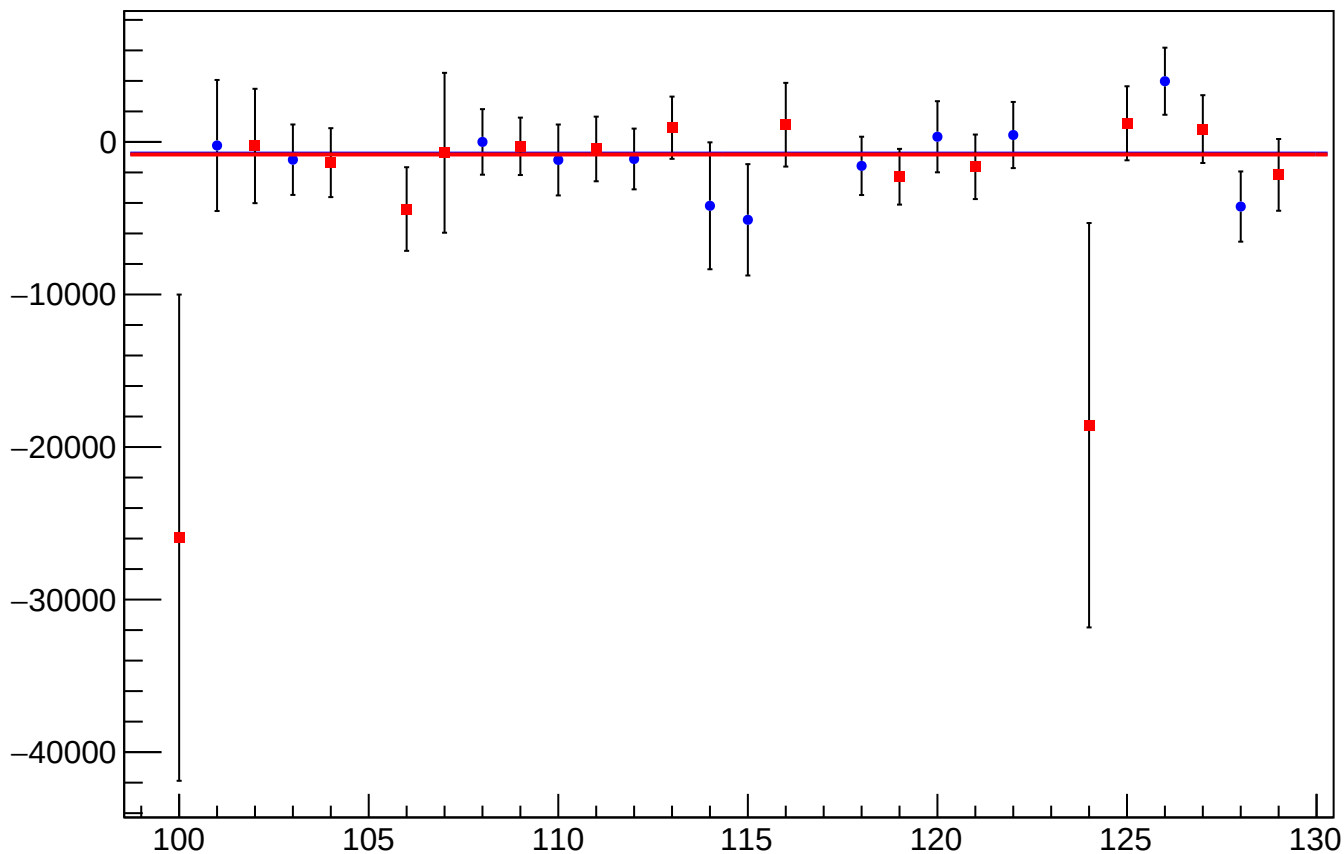
Right: 494.125+/-0.120 χ^2/NDF : 4682168.9/26

In: 516.276+/-0.181 χ^2/NDF : 1839121.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 494.125+/-0.120 χ^2/NDF : 4682168.9/26

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -766.251+/-691.001 χ^2/NDF : 10.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

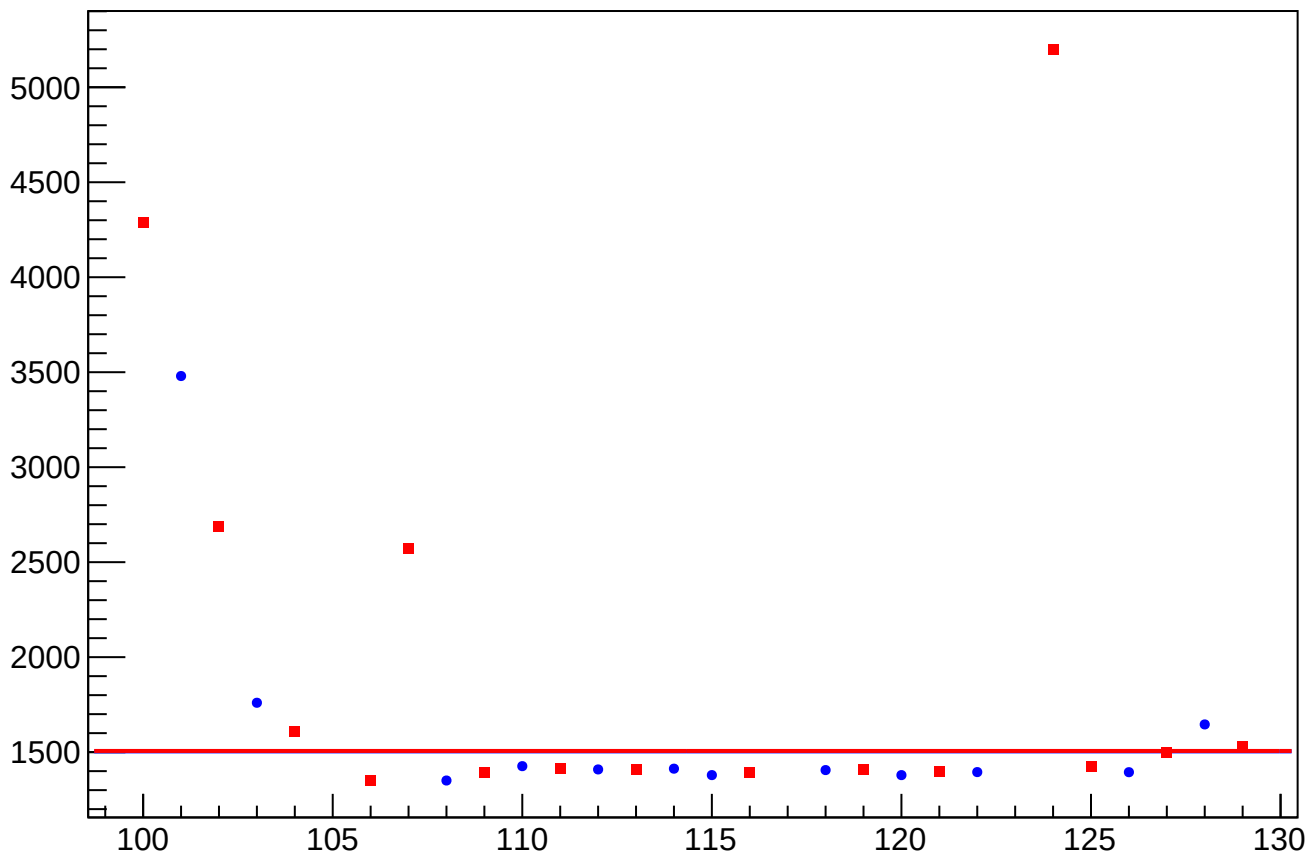
Right: -796.478+/-471.660 χ^2/NDF : 19.8/26

In: -766.251+/-691.001 χ^2/NDF : 10.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -796.478+/-471.660 χ^2/NDF : 19.8/26

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1503.965+/-0.489 χ^2/NDF : 496693.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

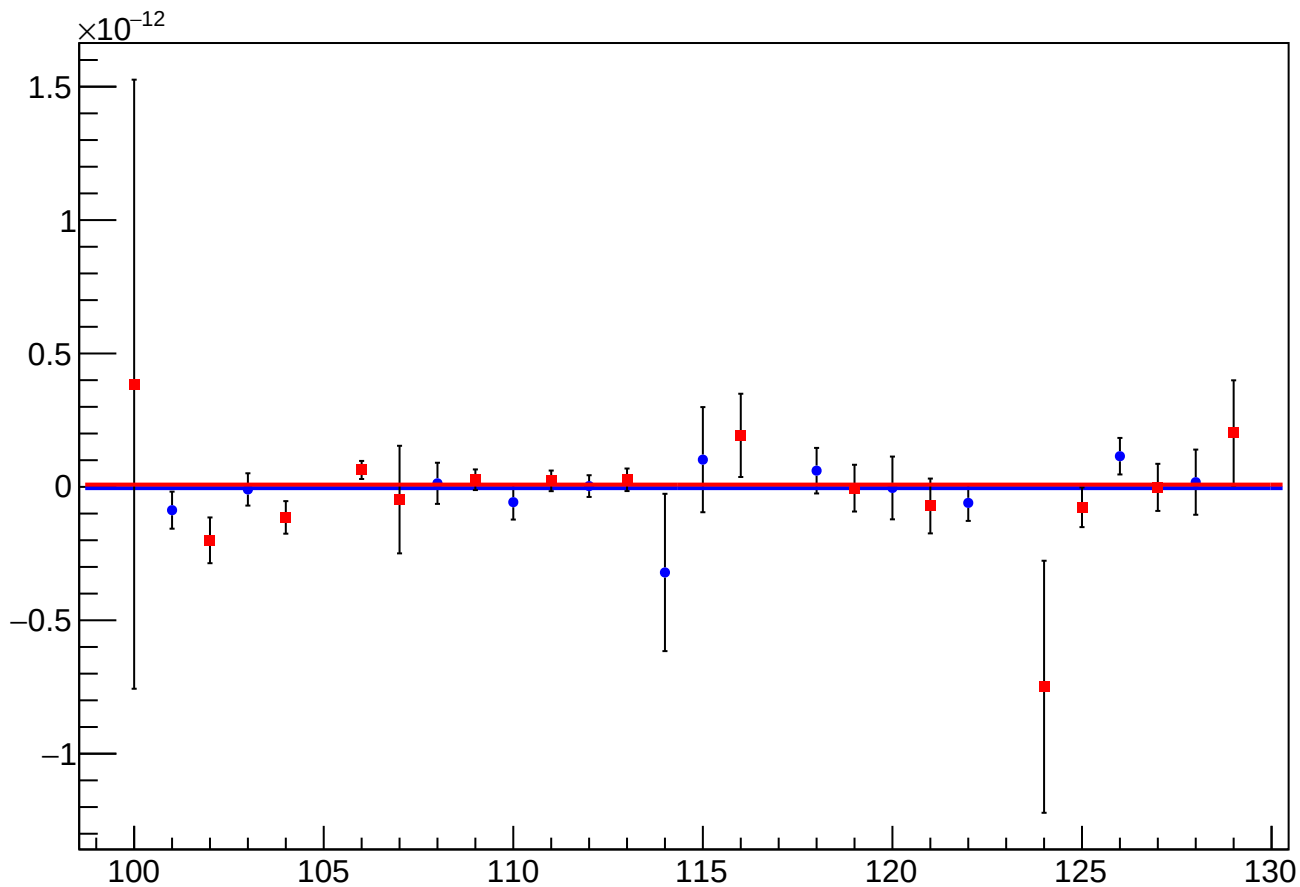
Right: 1505.192+/-0.334 χ^2/NDF : 1036522.9/26

In: 1503.965+/-0.489 χ^2/NDF : 496693.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1505.192+/-0.334 χ^2/NDF : 1036522.9/26

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.0/11

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

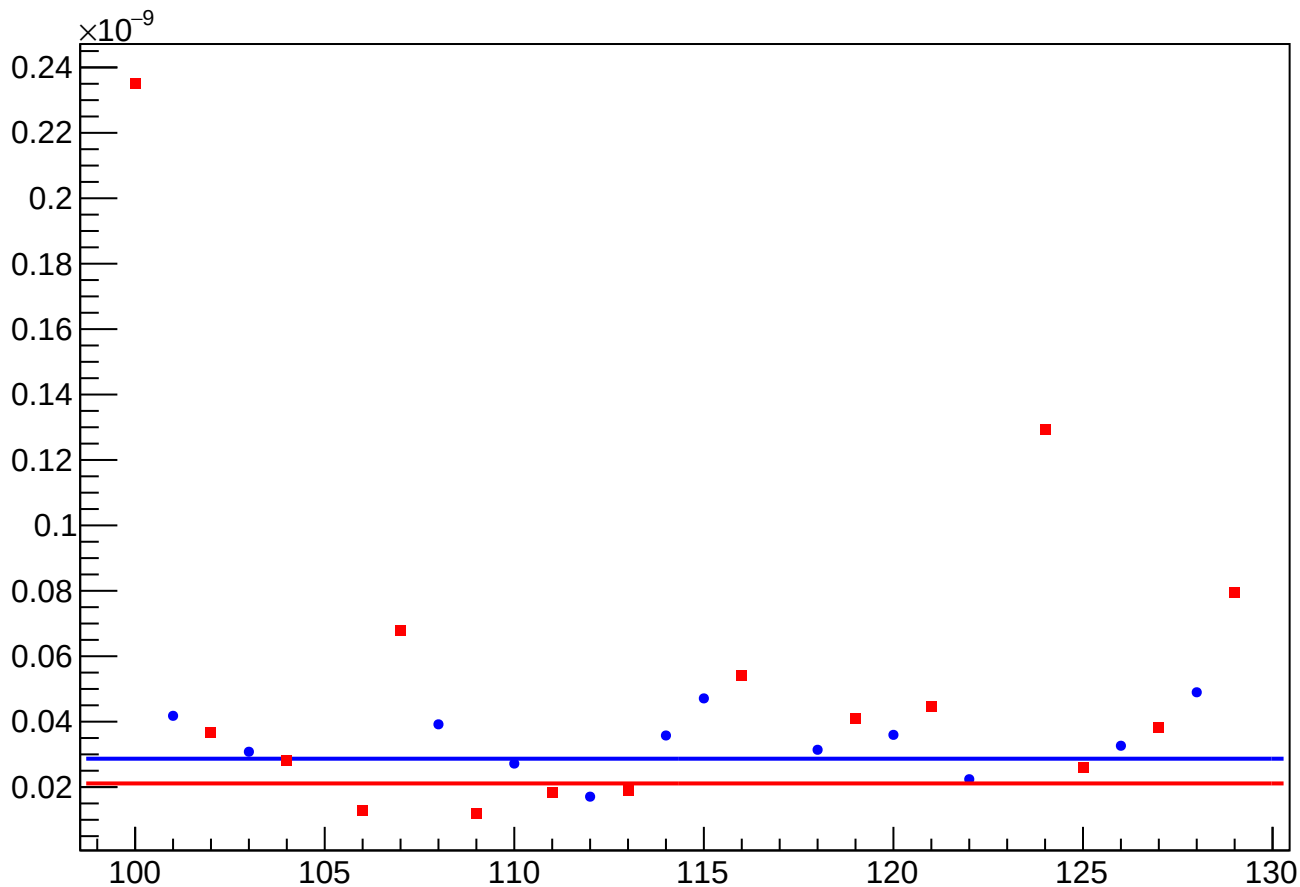
Right: 0.000+/-0.000 χ^2/NDF : 28.4/26

In: -0.000+/-0.000 χ^2/NDF : 8.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.4/26

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 382118.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

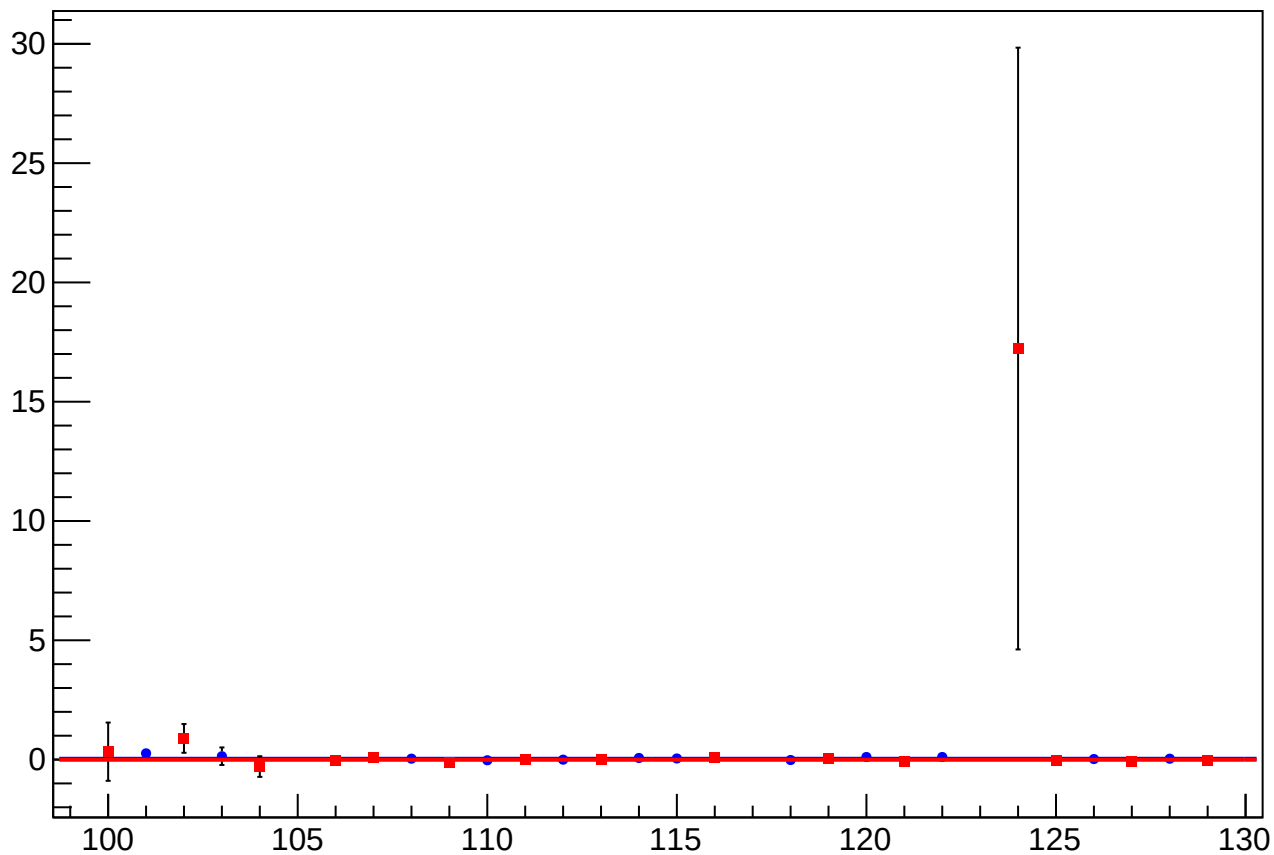
Right: 0.000+/-0.000 χ^2/NDF : 1725957.2/26

In: 0.000+/-0.000 χ^2/NDF : 382118.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1725957.2/26

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.020 χ^2/NDF : 8.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-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

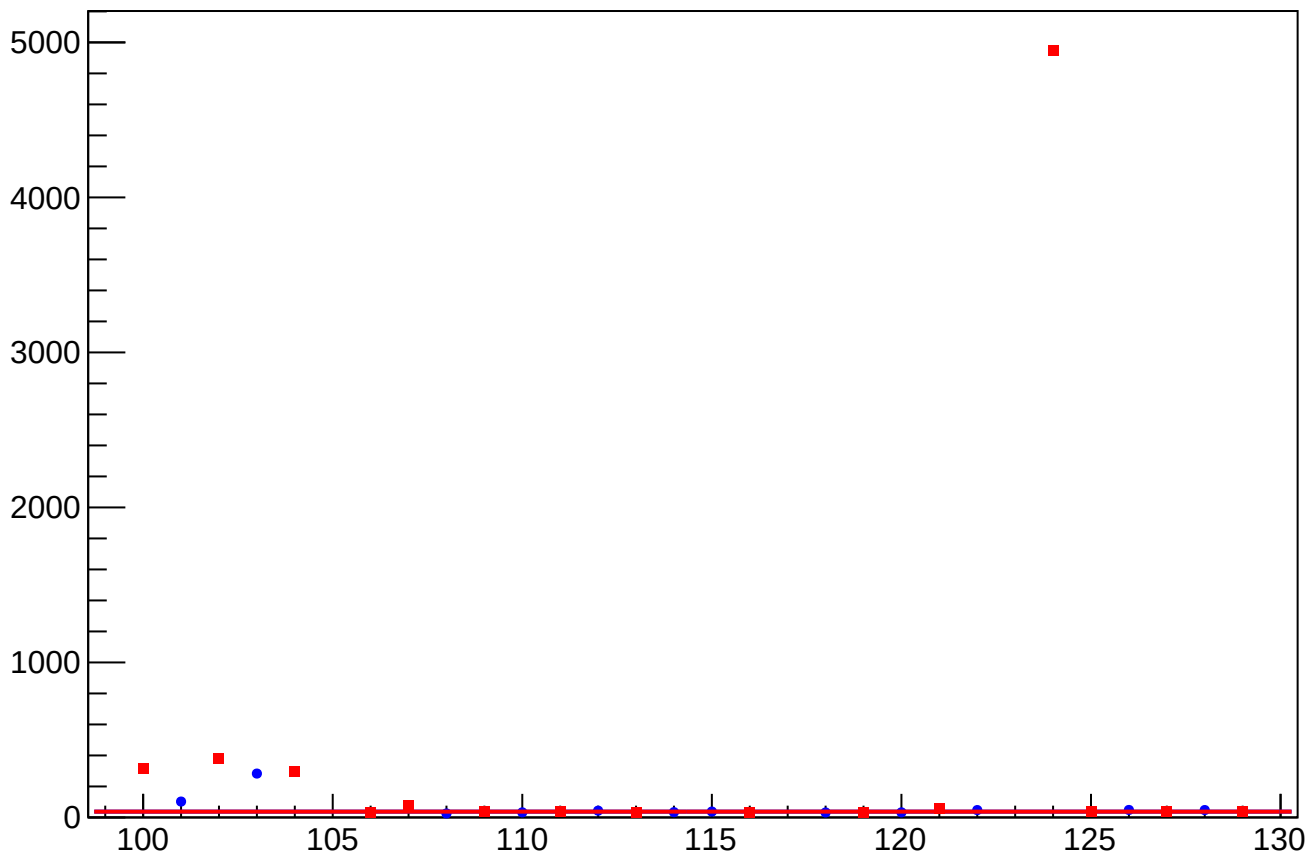
Right: 0.011+/-0.014 χ^2/NDF : 25.4/26

In: 0.033+/-0.020 χ^2/NDF : 8.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.014 χ^2/NDF : 25.4/26

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.604+/-0.014 χ^2/NDF : 1677358.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.587+/-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

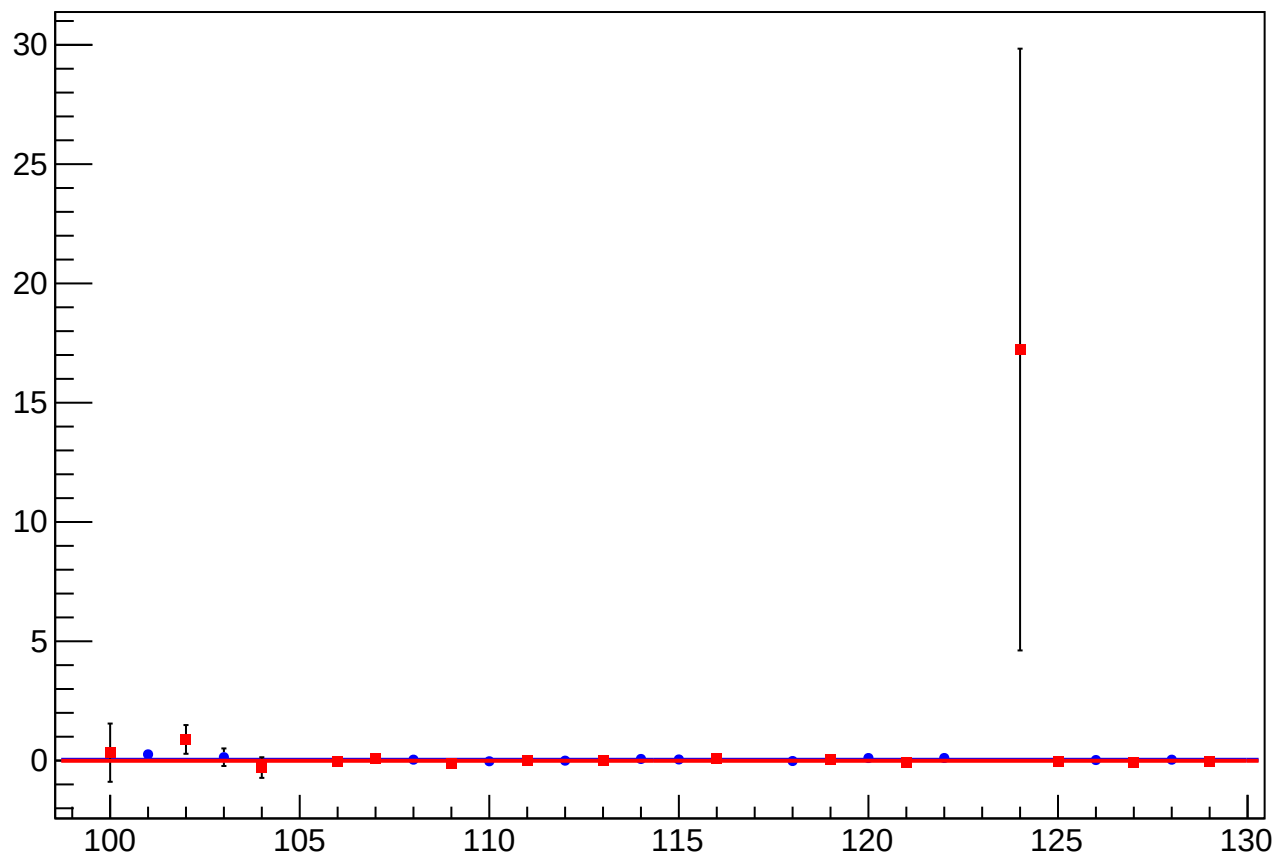
Right: 37.595+/-0.010 χ^2/NDF : 3743028.2/26

In: 37.604+/-0.014 χ^2/NDF : 1677358.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.595+/-0.010 χ^2/NDF : 3743028.2/26

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.020 χ^2/NDF : 8.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-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

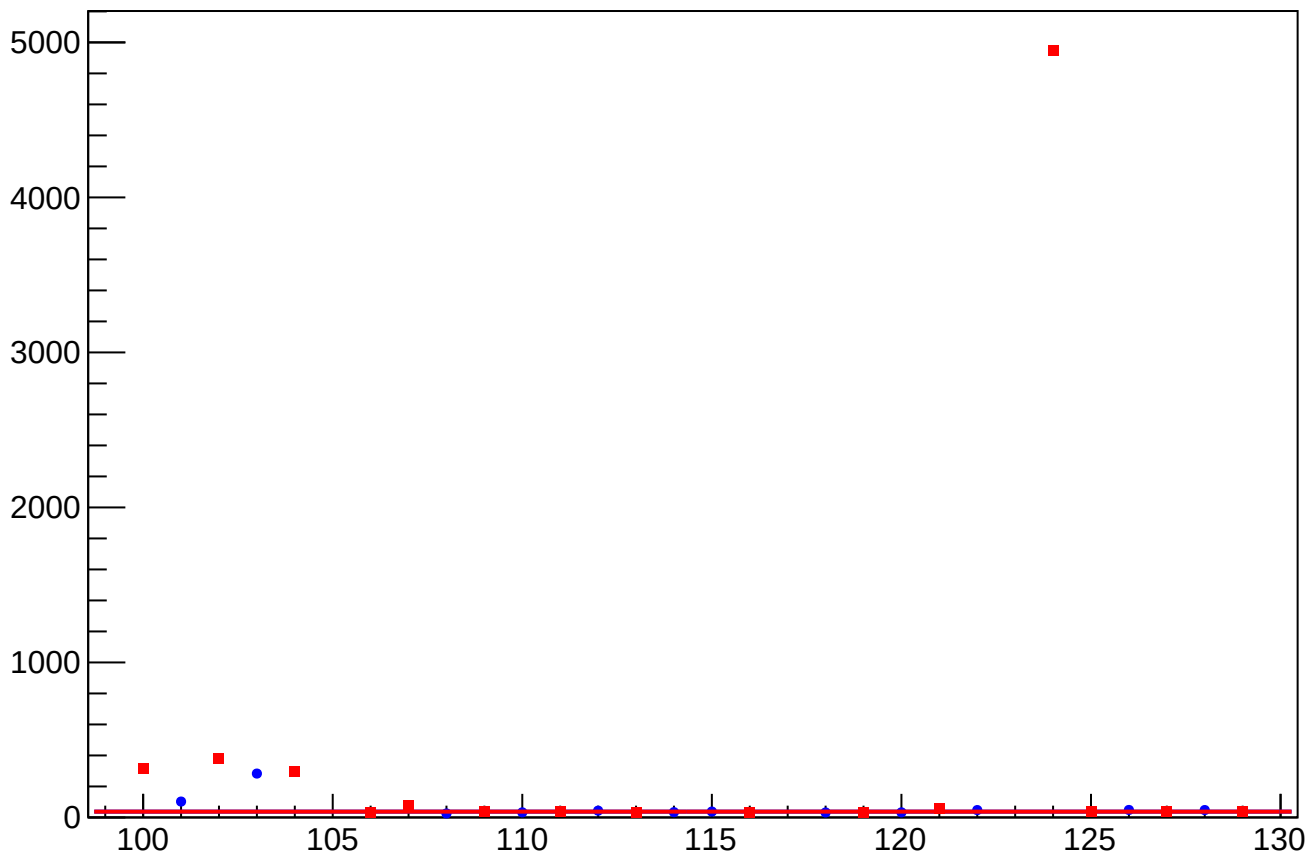
Right: 0.011+/-0.014 χ^2/NDF : 25.4/26

In: 0.033+/-0.020 χ^2/NDF : 8.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.014 χ^2/NDF : 25.4/26

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.604 $\pm$ 0.014 χ^2 /NDF: 1677358.1/11

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

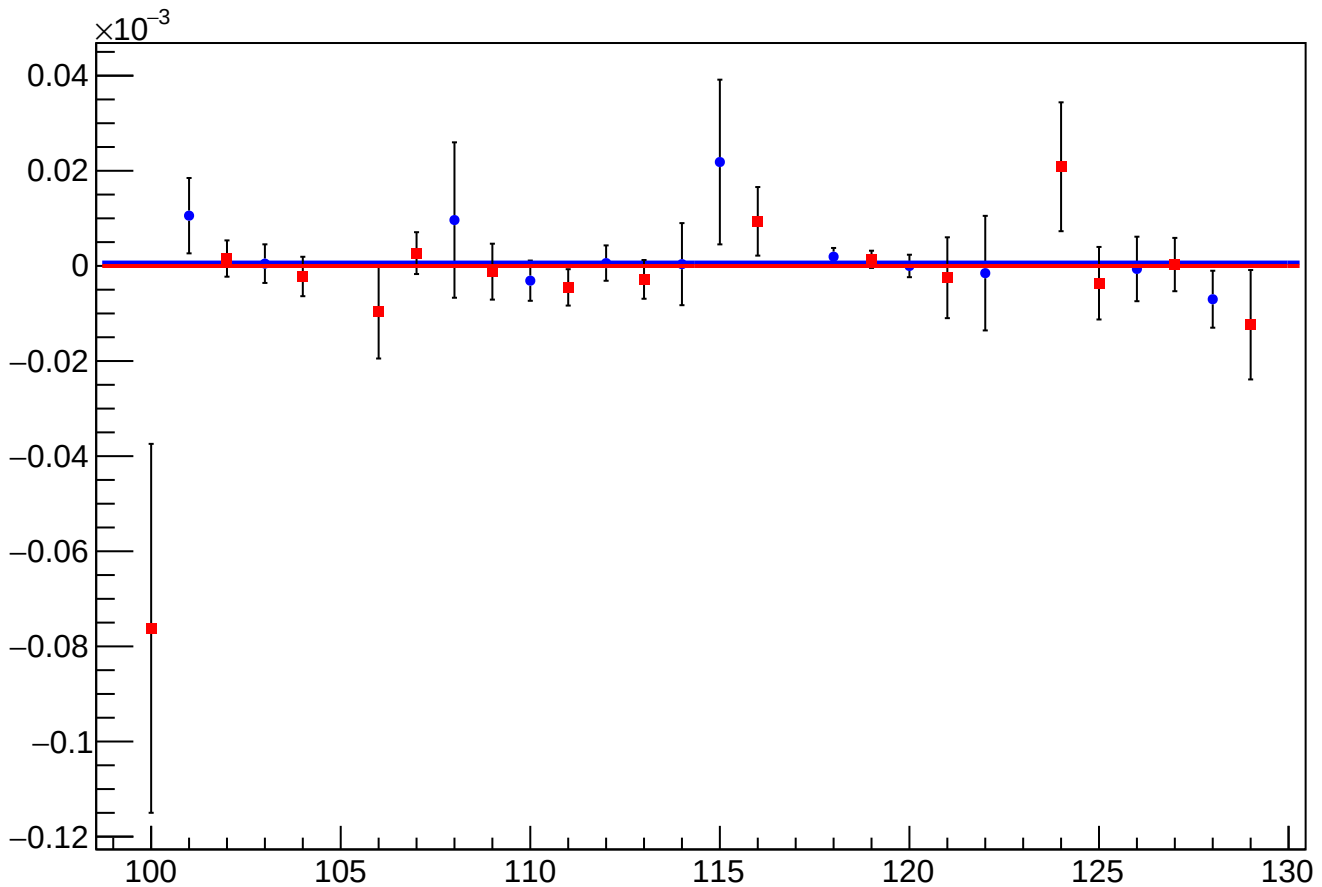
Right: 37.595 $\pm$ 0.010 χ^2 /NDF: 3743028.2/26

In: 37.604 $\pm$ 0.014 χ^2 /NDF:1677358.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 37.595 $\pm$ 0.010 χ^2 /NDF: 3743028.2/26

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 : 6.4/11

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

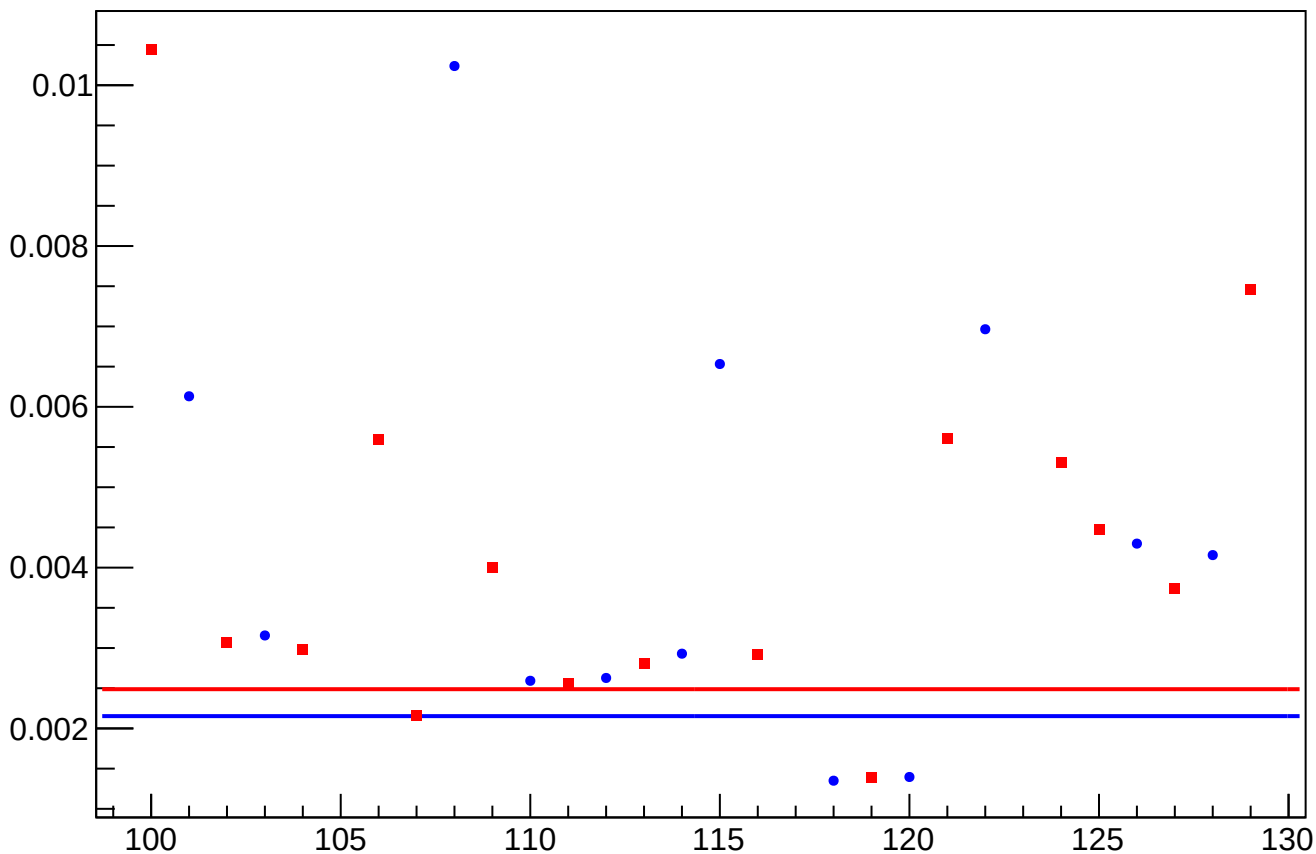
Right: 0.000+/-0.000 χ^2/NDF : 20.3/26

In: 0.000+/-0.000 χ^2/NDF : 6.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.3/26

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 : 2646211.4/11

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

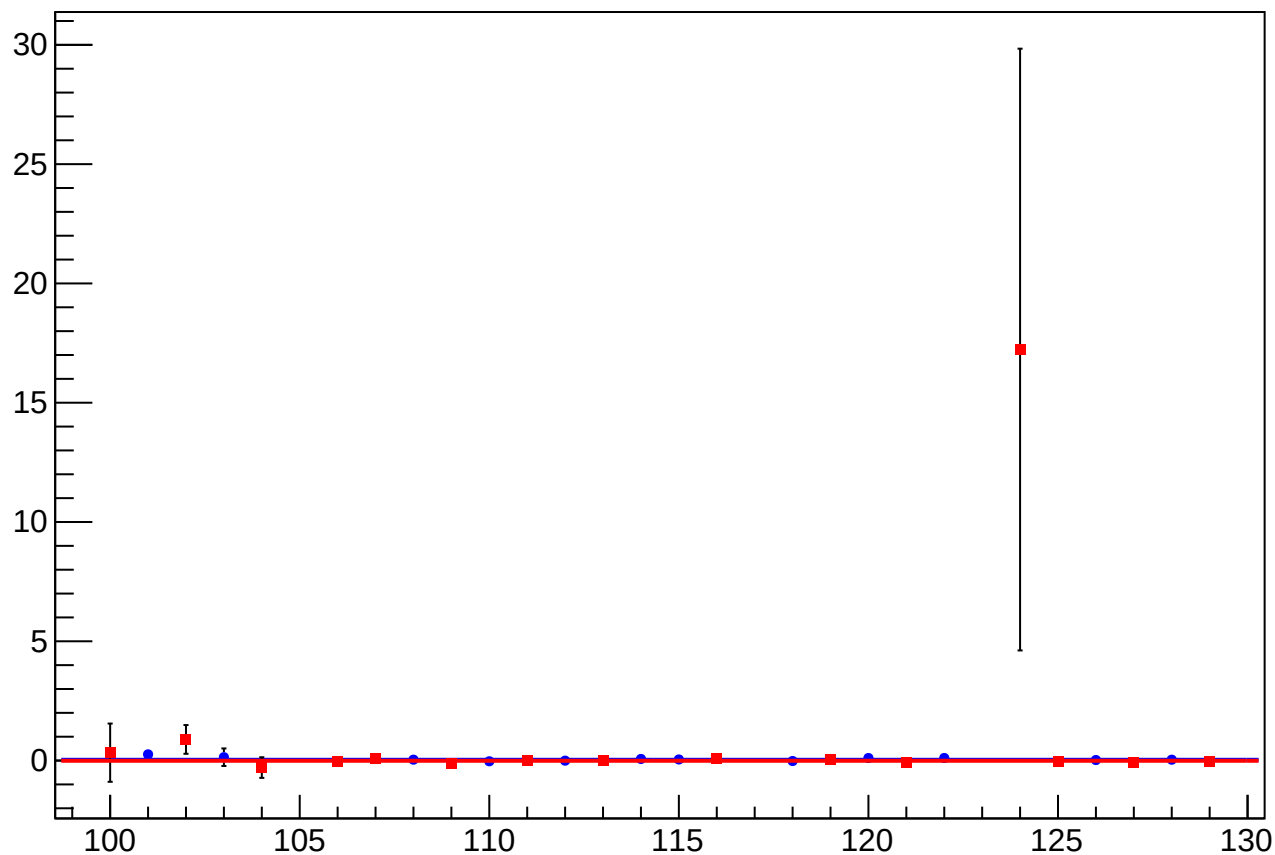
Right: 0.002+/-0.000 χ^2/NDF : 4954474.8/26

In: 0.002+/-0.000 χ^2/NDF :2646211.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4954474.8/26

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.020 χ^2/NDF : 8.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-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

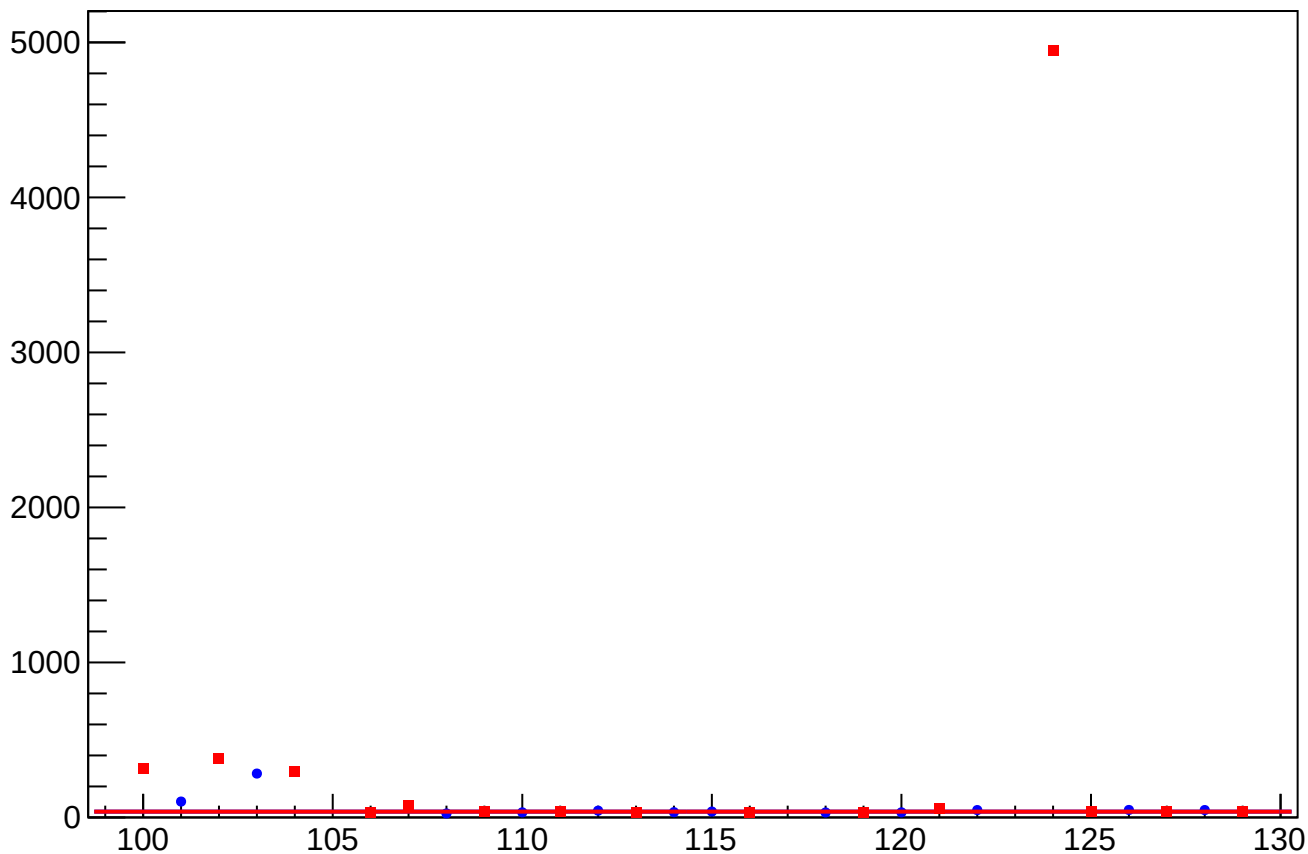
Right: 0.011+/-0.014 χ^2/NDF : 25.4/26

In: 0.033+/-0.020 χ^2/NDF : 8.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.014 χ^2/NDF : 25.4/26

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.605+/-0.014 χ^2/NDF : 1677256.7/11

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

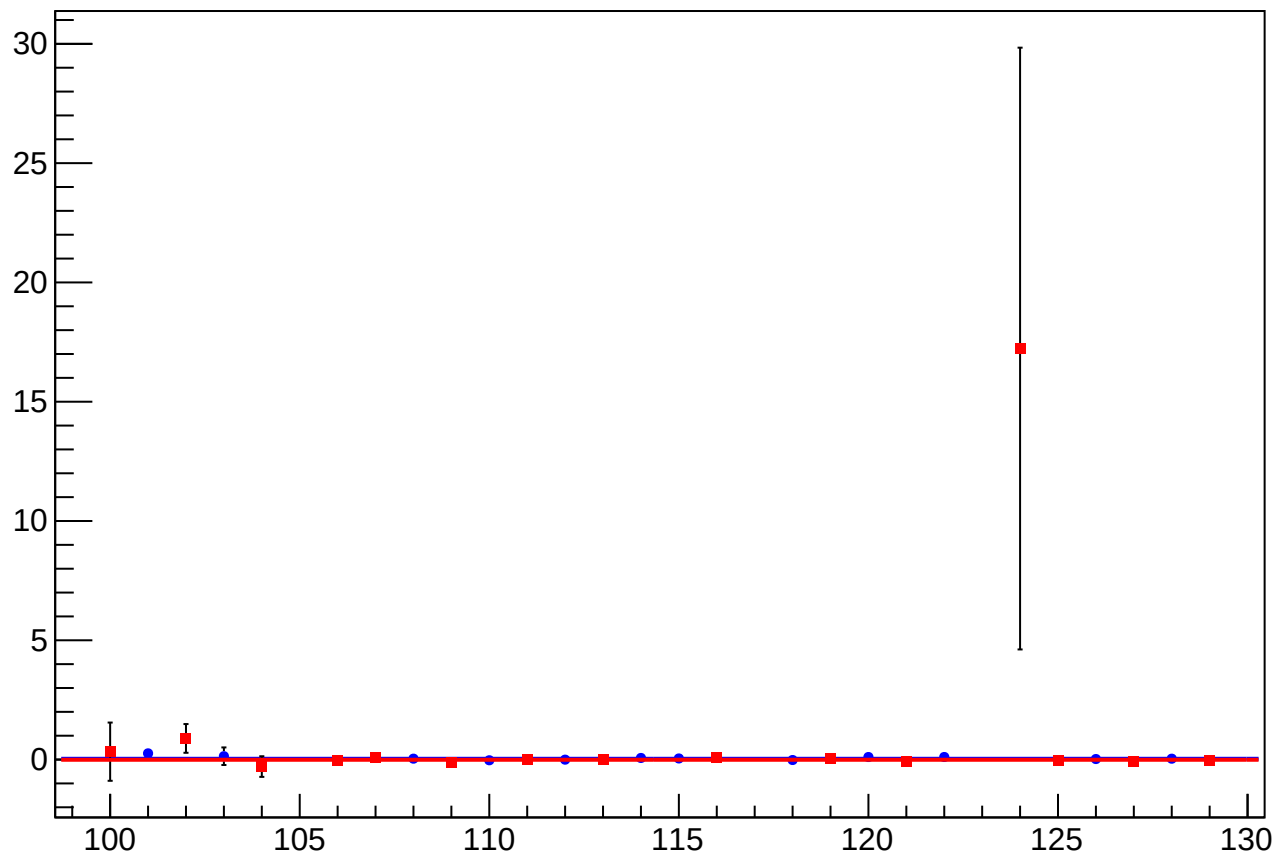
Right: 37.596+/-0.010 χ^2/NDF : 3742918.5/26

In: 37.605+/-0.014 χ^2/NDF : 1677256.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.596+/-0.010 χ^2/NDF : 3742918.5/26

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033 $\pm$ 0.020 χ^2 /NDF: 8.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.009 $\pm$ 0.019 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

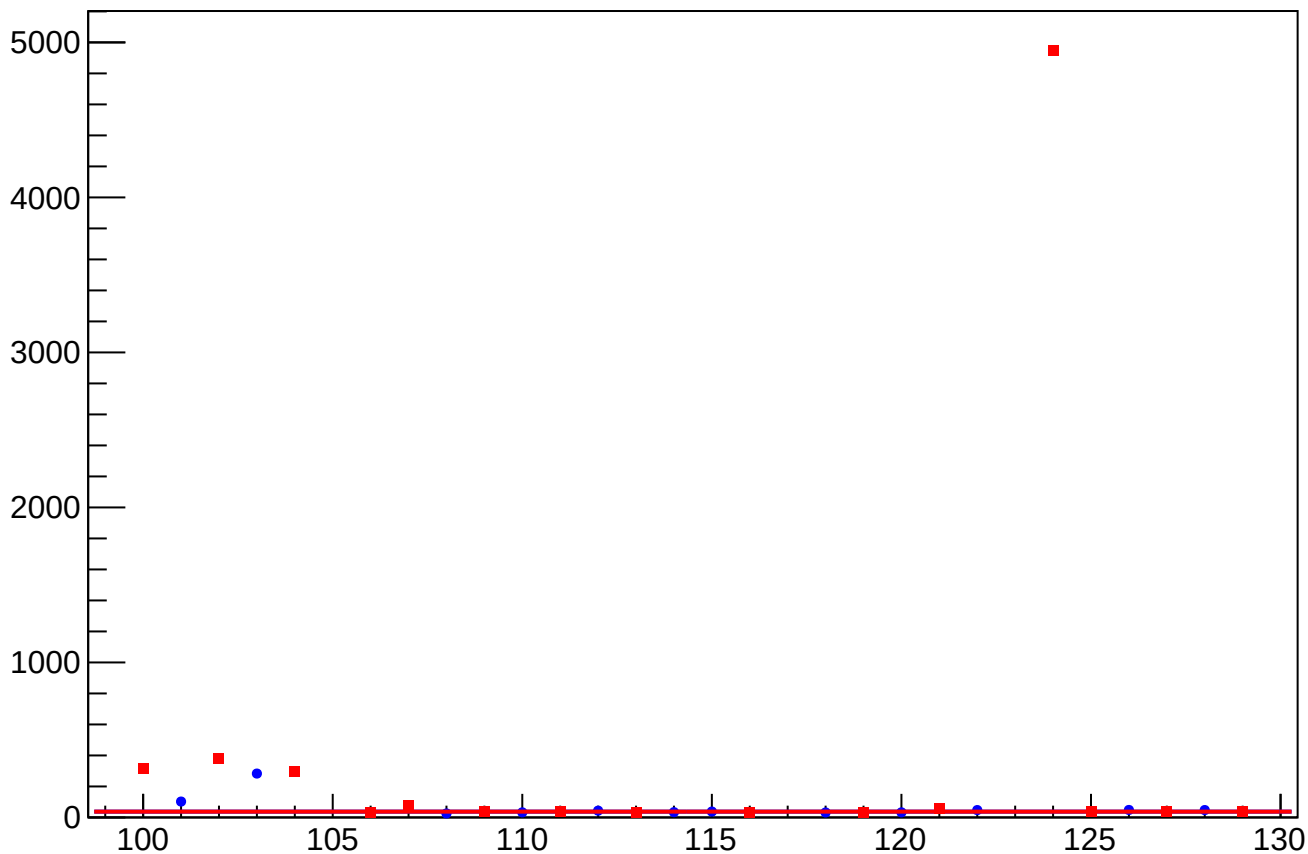
Right: 0.011 $\pm$ 0.014 χ^2 /NDF: 25.4/26

In: 0.033 $\pm$ 0.020 χ^2 /NDF:8.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.014 χ^2 /NDF: 25.4/26

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.605+/-0.014 χ^2 /NDF: 1677256.7/11

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

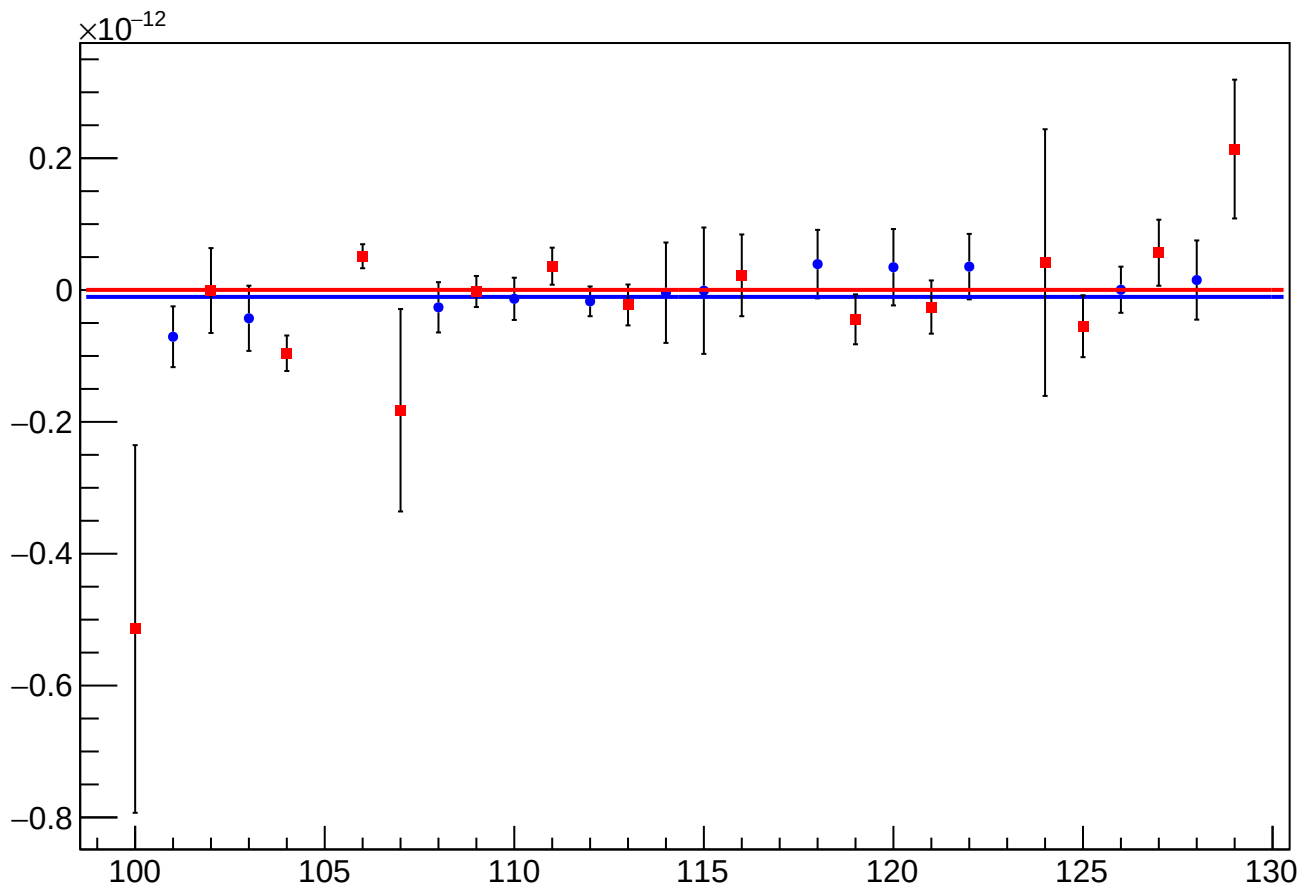
Right: 37.596+/-0.010 χ^2 /NDF: 3742918.5/26

In: 37.605+/-0.014 χ^2 /NDF:1677256.7/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 37.596+/-0.010 χ^2 /NDF: 3742918.5/26

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 : 5.1/11

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

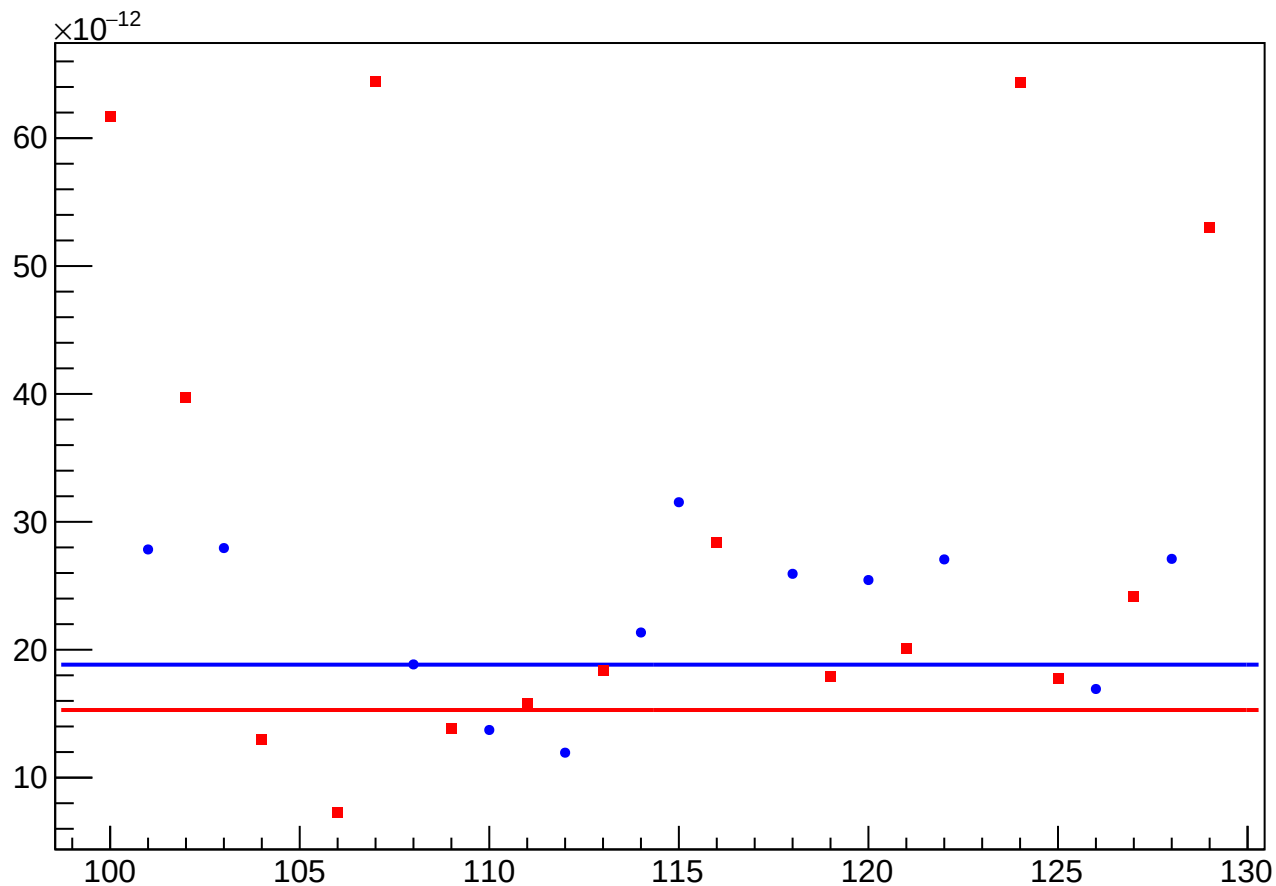
Right: -0.000+/-0.000 χ^2/NDF : 41.9/26

In: -0.000+/-0.000 χ^2/NDF : 5.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 41.9/26

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 : 580325.5/11

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

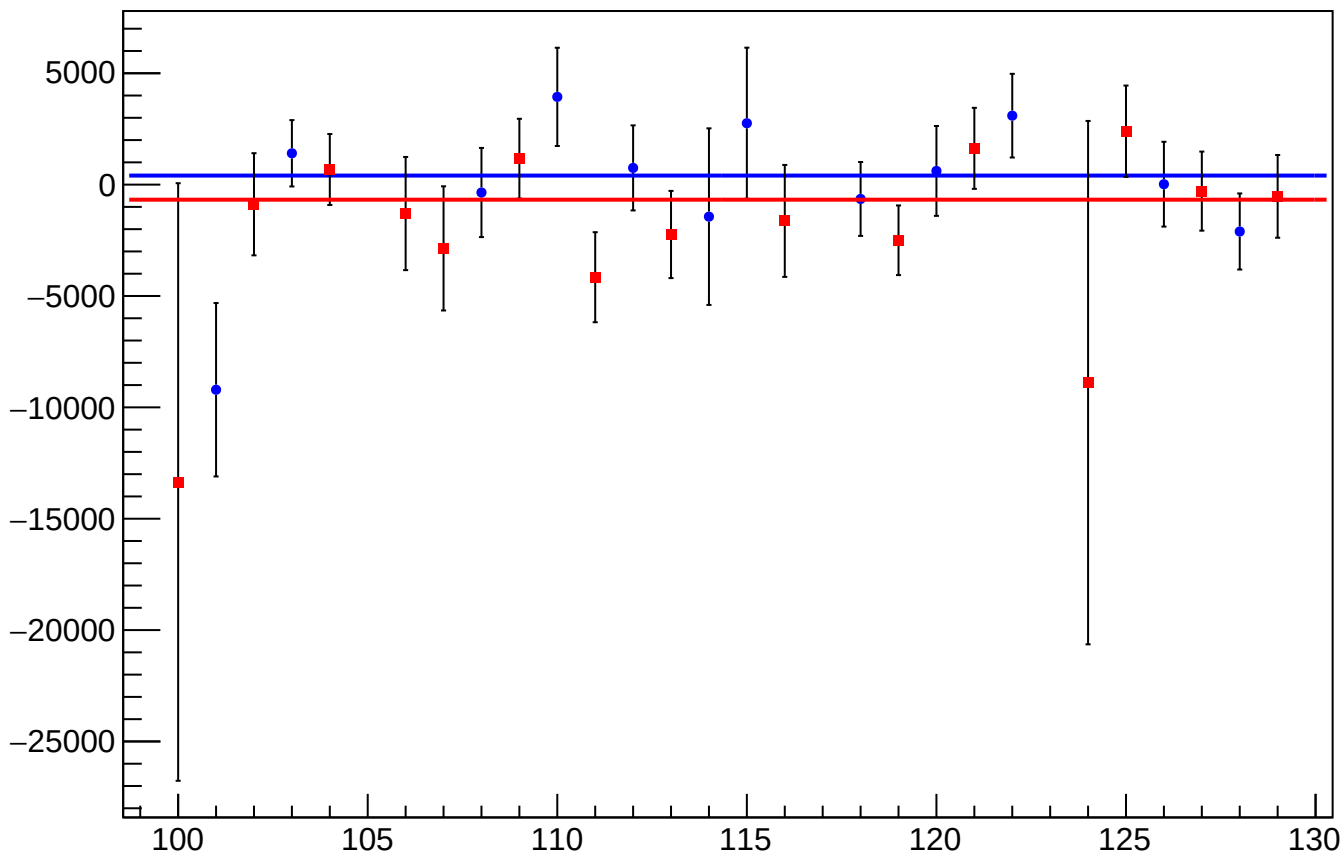
Right: 0.000+/-0.000 χ^2/NDF : 2238782.9/26

In: 0.000+/-0.000 χ^2/NDF : 580325.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2238782.9/26

reg_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 406.296 $\pm$ 586.424 χ^2 /NDF: 14.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -676.237 $\pm$ 541.250 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

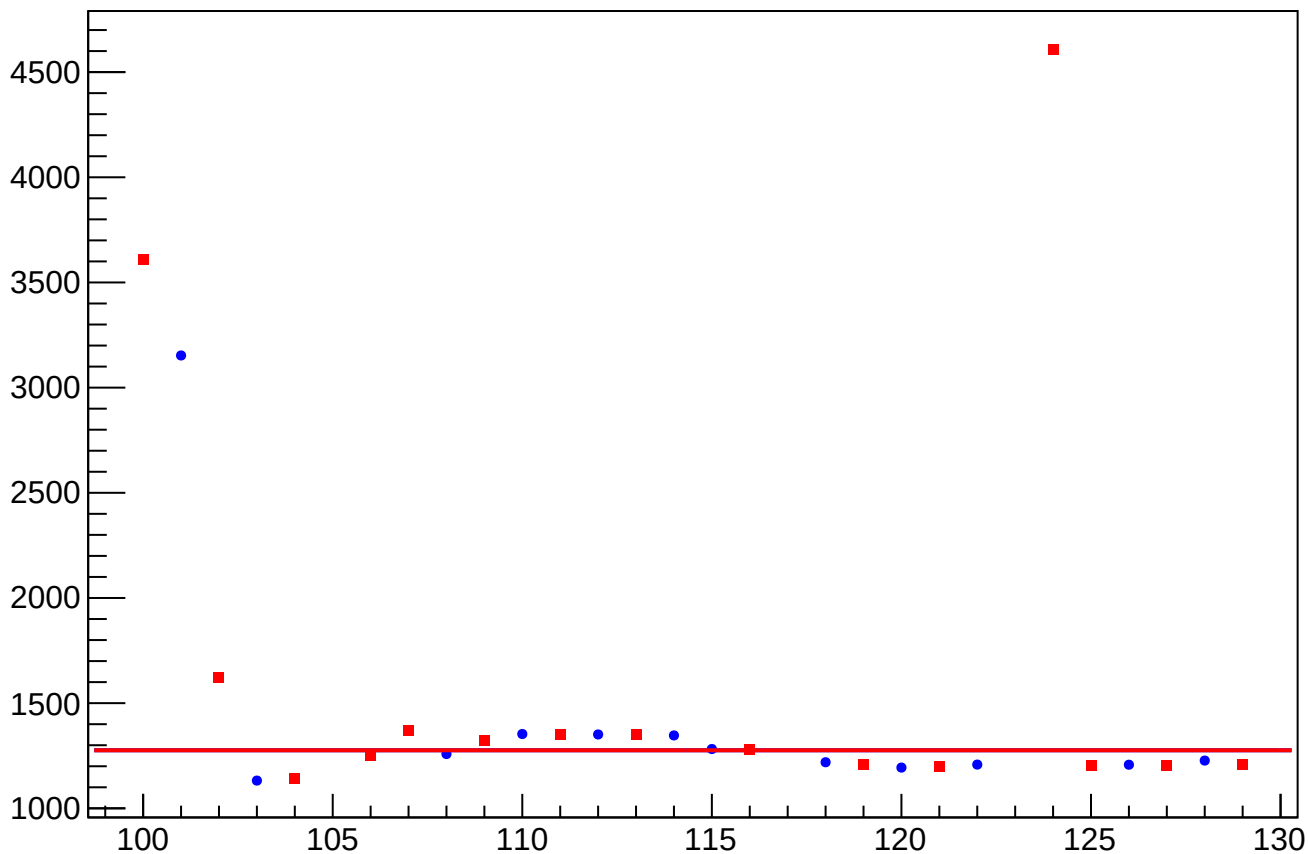
Right: -178.267 $\pm$ 397.734 χ^2 /NDF: 29.4/26

In: 406.296 $\pm$ 586.424 χ^2 /NDF:14.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -178.267 $\pm$ 397.734 χ^2 /NDF: 29.4/26

reg_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1276.016+/-0.415 χ^2/NDF : 502463.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

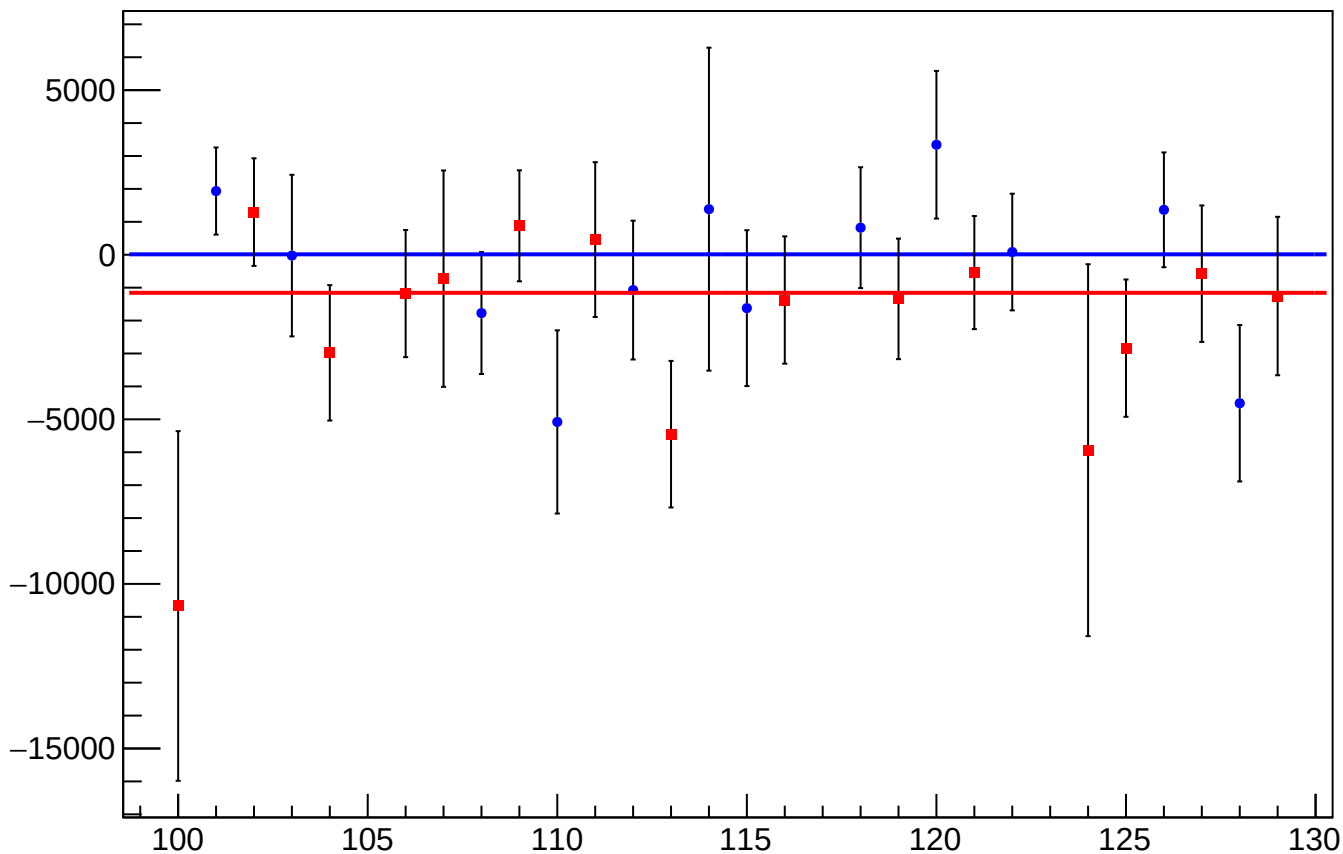
Right: 1276.032+/-0.281 χ^2/NDF : 810008.4/26

In: 1276.016+/-0.415 χ^2/NDF : 502463.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1276.032+/-0.281 χ^2/NDF : 810008.4/26

asym_atl_dd_atr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 12.671+/-584.960 χ^2/NDF : 13.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

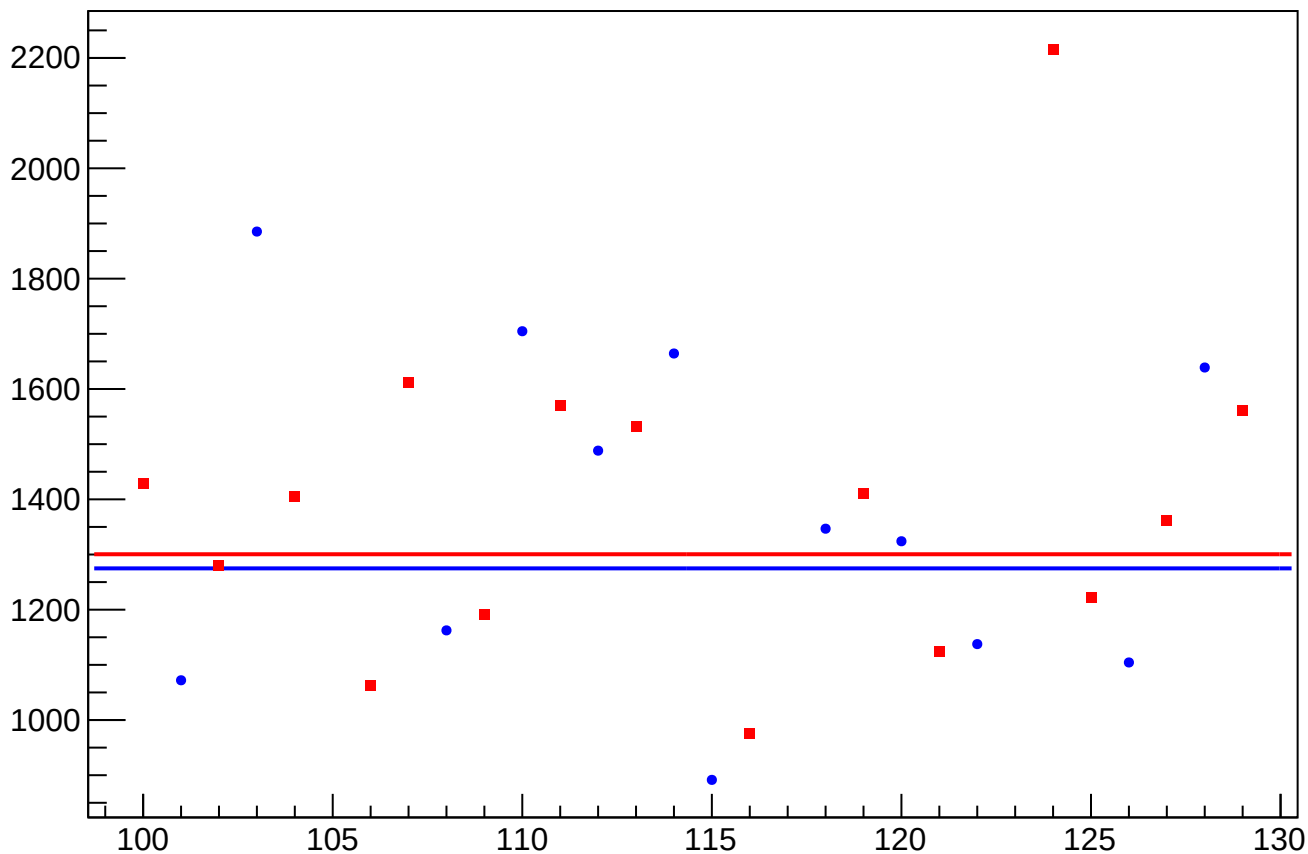
Right: -608.456+/-400.480 χ^2/NDF : 29.5/26

In: 12.671+/-584.960 χ^2/NDF : 13.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -608.456+/-400.480 χ^2/NDF : 29.5/26

asym_atl_dd_atr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1274.867+/-0.414 χ^2/NDF : 393430.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

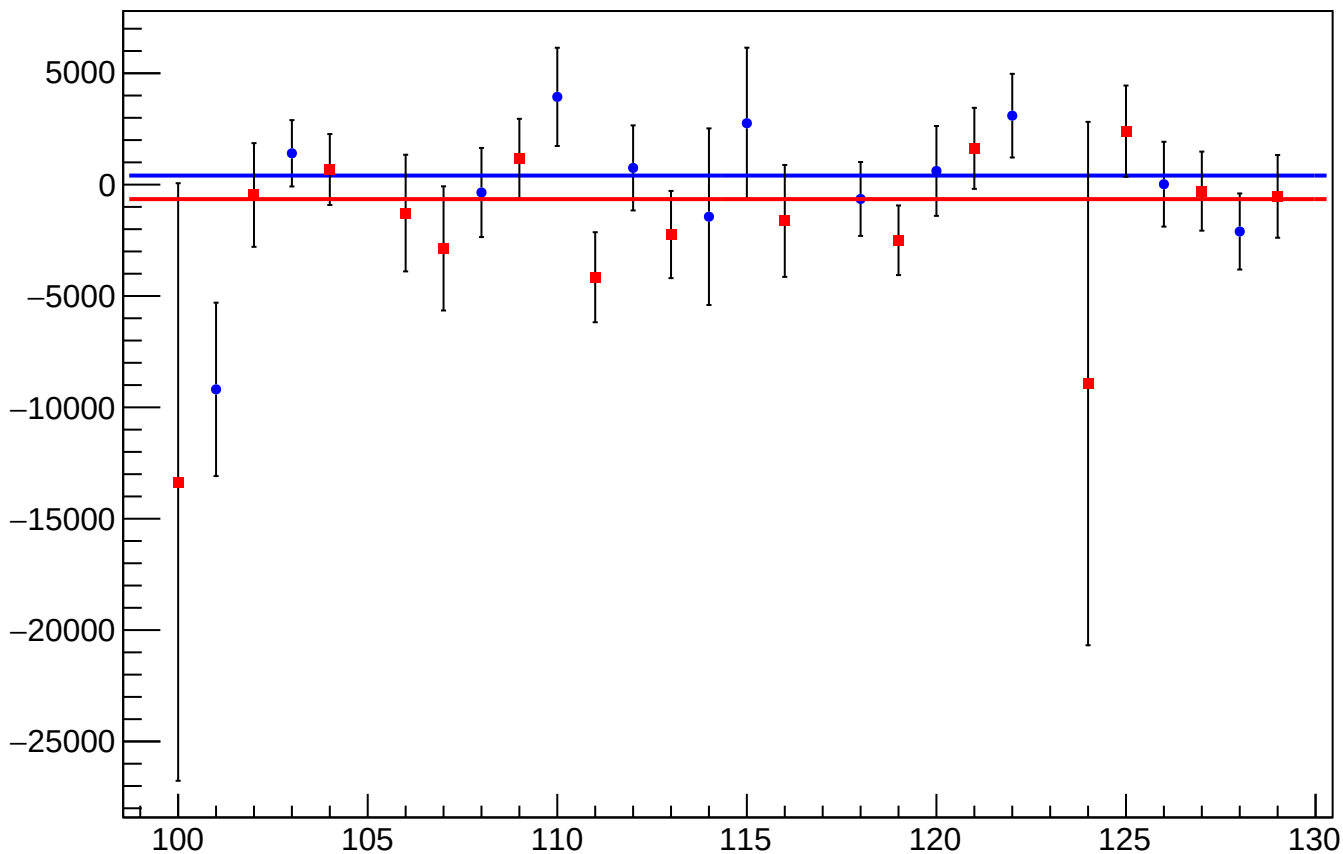
Right: 1288.478+/-0.283 χ^2/NDF : 671824.7/26

In: 1274.867+/-0.414 χ^2/NDF : 393430.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1288.478+/-0.283 χ^2/NDF : 671824.7/26

cor_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 406.690+/-586.424 χ^2/NDF : 14.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

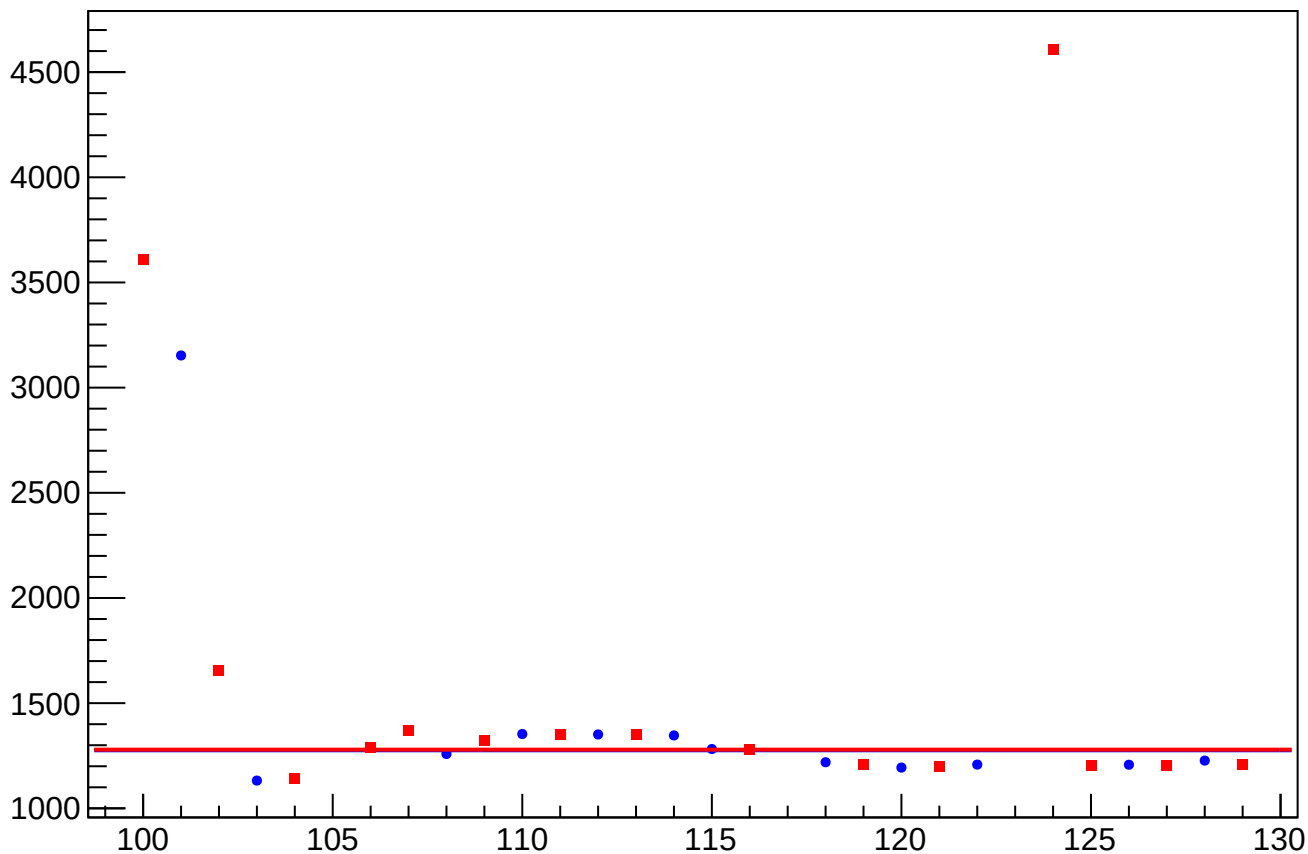
Right: -163.278+/-398.197 χ^2/NDF : 29.2/26

In: 406.690+/-586.424 χ^2/NDF :14.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -163.278+/-398.197 χ^2/NDF : 29.2/26

cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1276.016+/-0.415 χ^2/NDF : 502464.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

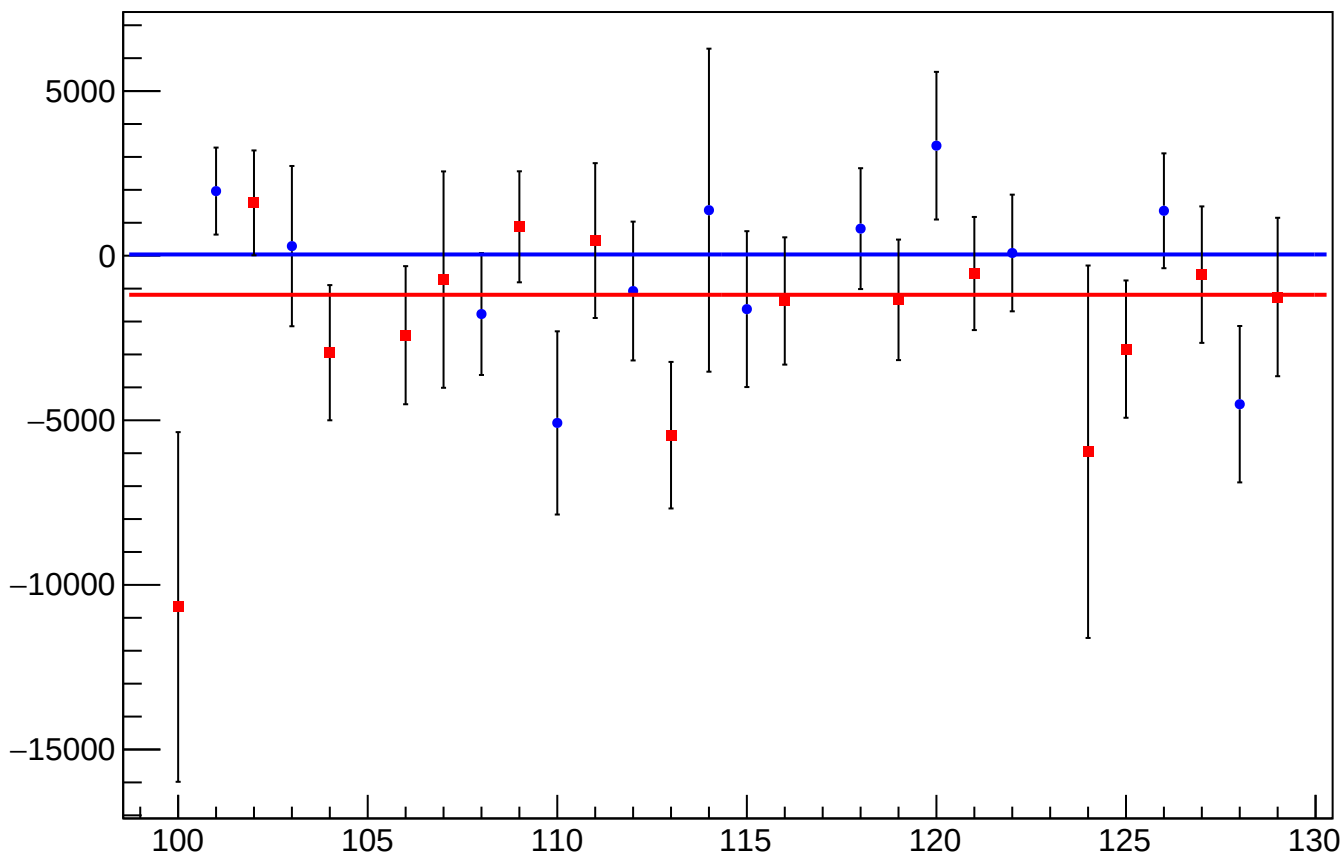
Right: 1277.583+/-0.282 χ^2/NDF : 816930.2/26

In: 1276.016+/-0.415 χ^2/NDF : 502464.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1277.583+/-0.282 χ^2/NDF : 816930.2/26

asym_atl_dd_atr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 37.407 ± 584.503 $\chi^2/\text{NDF}: 13.9/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1187.445 ± 551.106 $\chi^2/\text{NDF}: 14.6/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

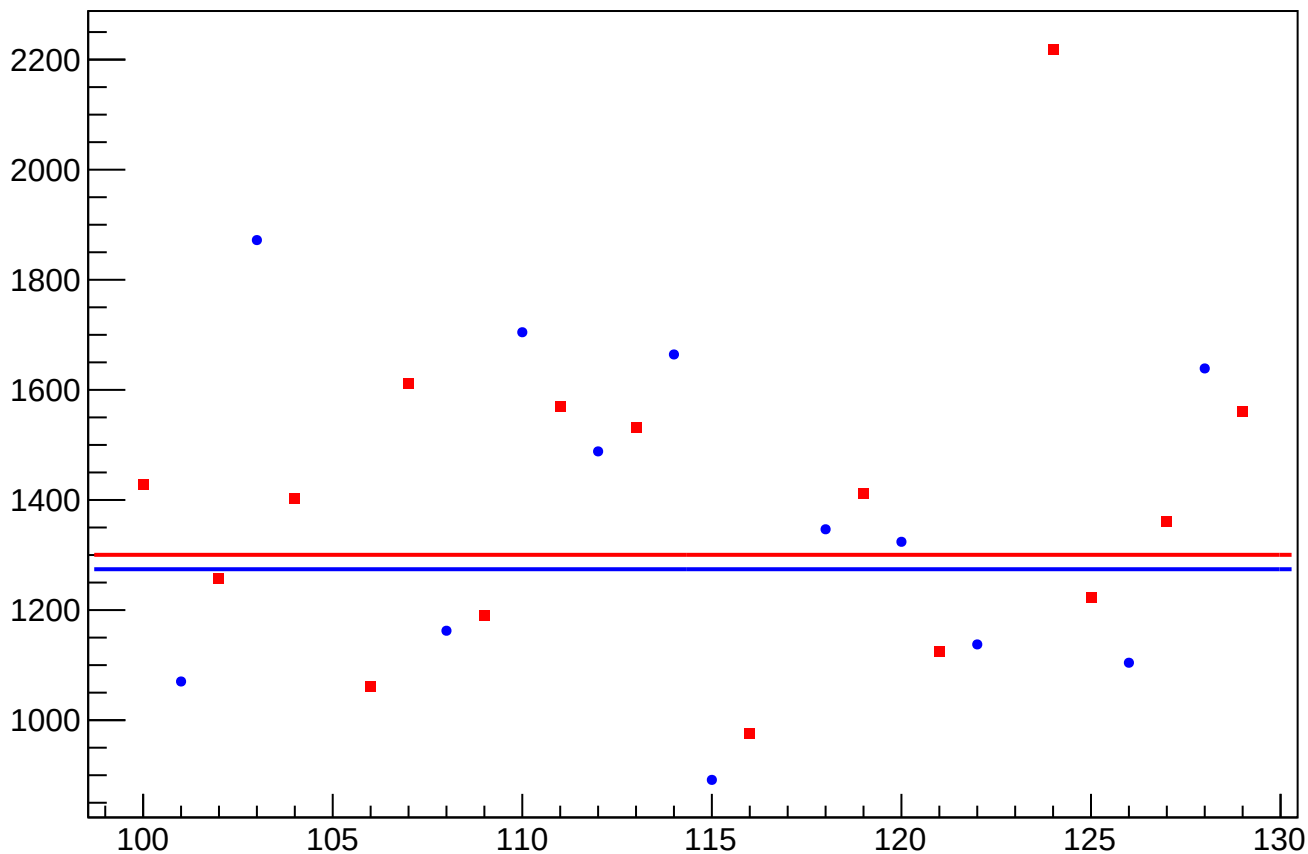
Right: -611.010 ± 400.978 $\chi^2/\text{NDF}: 30.8/26$

In: 37.407 ± 584.503 $\chi^2/\text{NDF}: 13.9/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -611.010 ± 400.978 $\chi^2/\text{NDF}: 30.8/26$

asym_atl_dd_atr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1274.208+/-0.413 χ^2/NDF : 391084.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

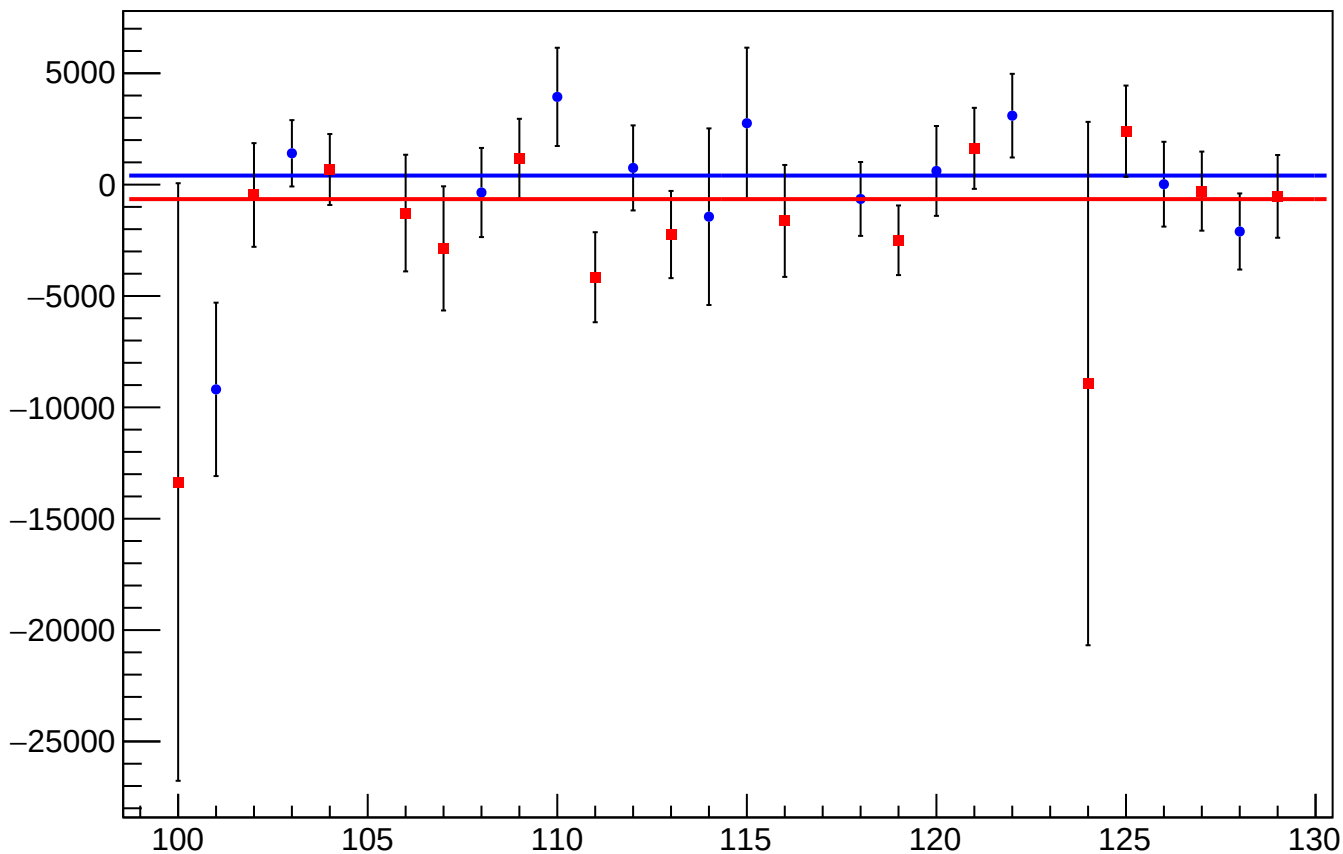
Right: 1288.054+/-0.284 χ^2/NDF : 666681.2/26

In: 1274.208+/-0.413 χ^2/NDF : 391084.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1288.054+/-0.284 χ^2/NDF : 666681.2/26

eigen_cor_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 406.690+/-586.424 χ^2/NDF : 14.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

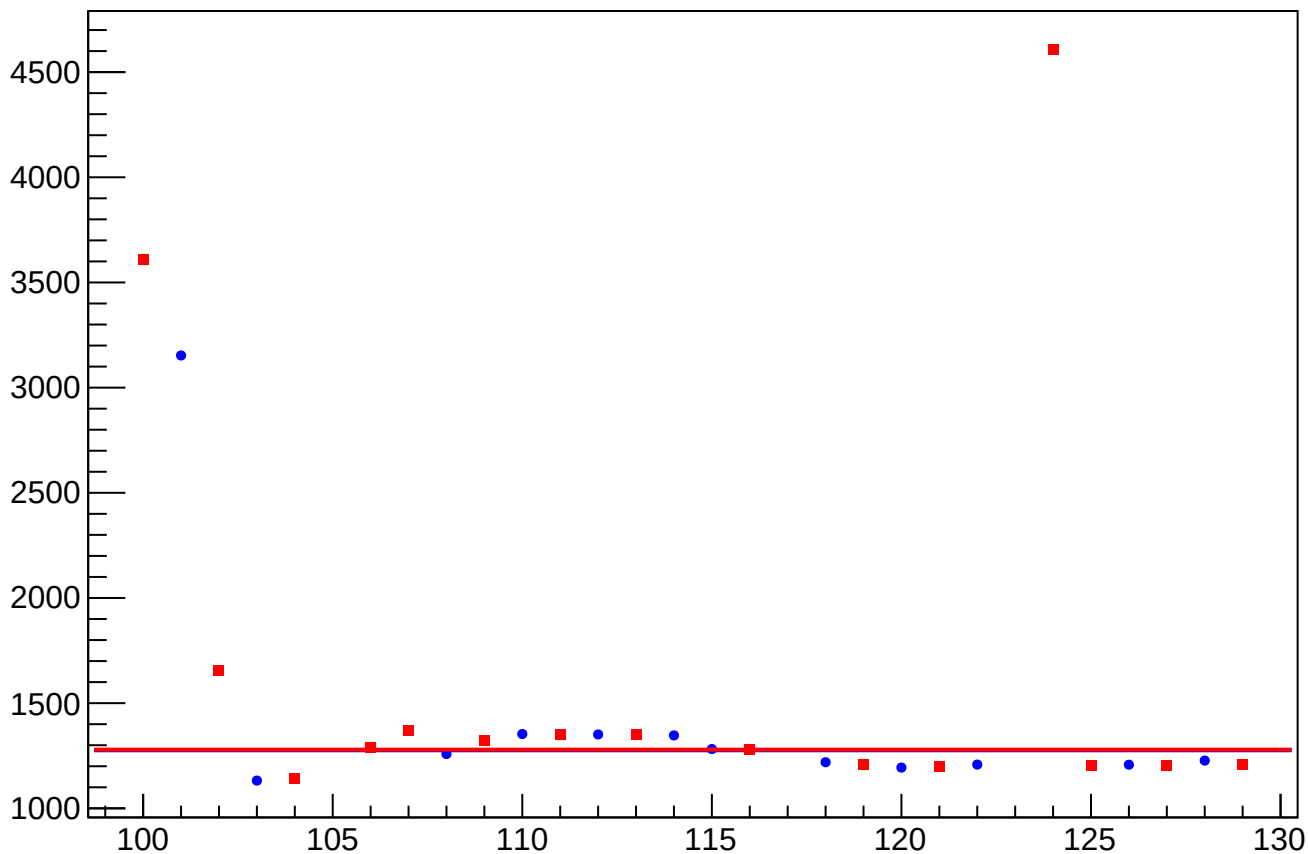
Right: -163.278+/-398.197 χ^2/NDF : 29.2/26

In: 406.690+/-586.424 χ^2/NDF :14.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -163.278+/-398.197 χ^2/NDF : 29.2/26

eigen_cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1276.016+/-0.415 χ^2/NDF : 502464.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

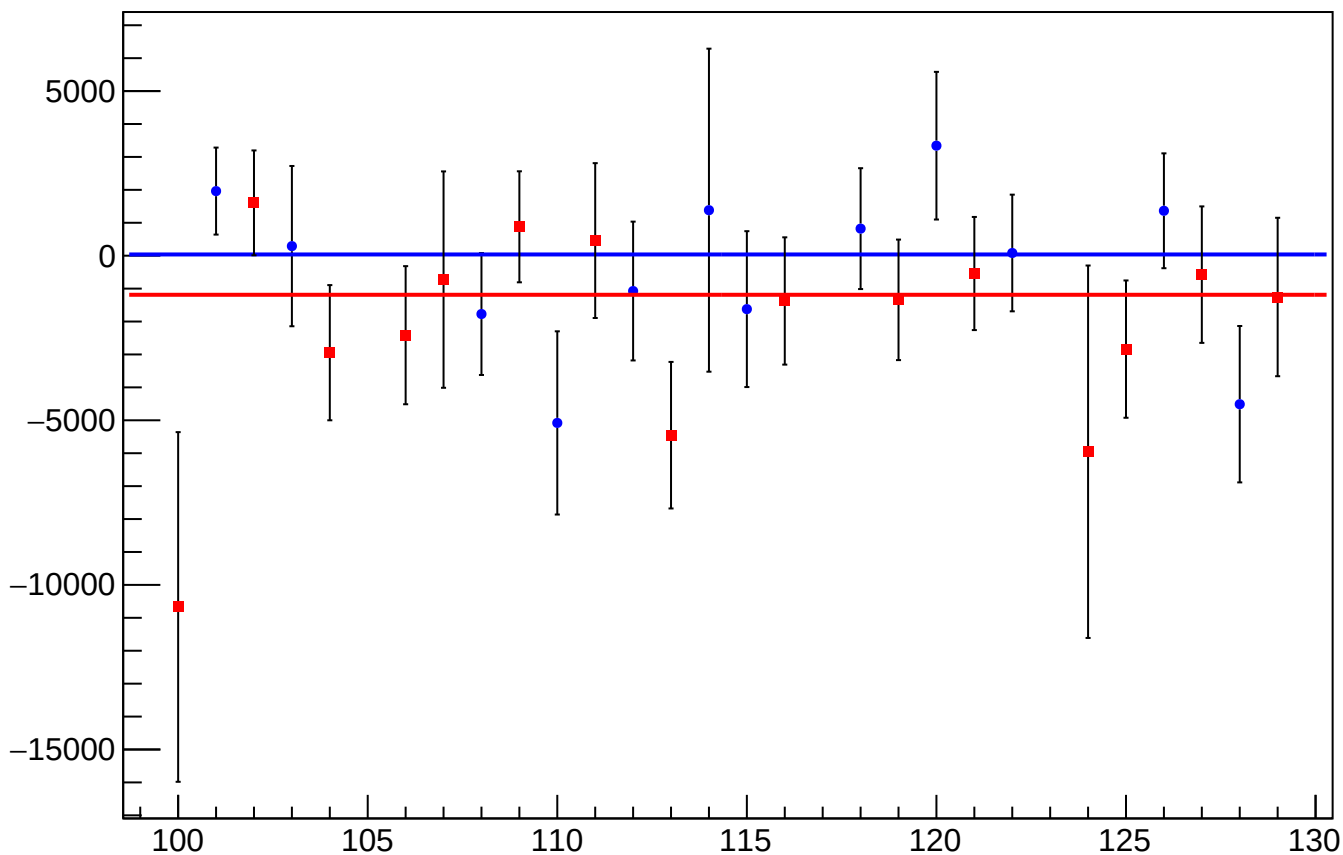
Right: 1277.583+/-0.282 χ^2/NDF : 816930.2/26

In: 1276.016+/-0.415 χ^2/NDF : 502464.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1277.583+/-0.282 χ^2/NDF : 816930.2/26

asym_atl_dd_atr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 37.407 ± 584.503 $\chi^2/\text{NDF}: 13.9/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1187.445 ± 551.106 $\chi^2/\text{NDF}: 14.6/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

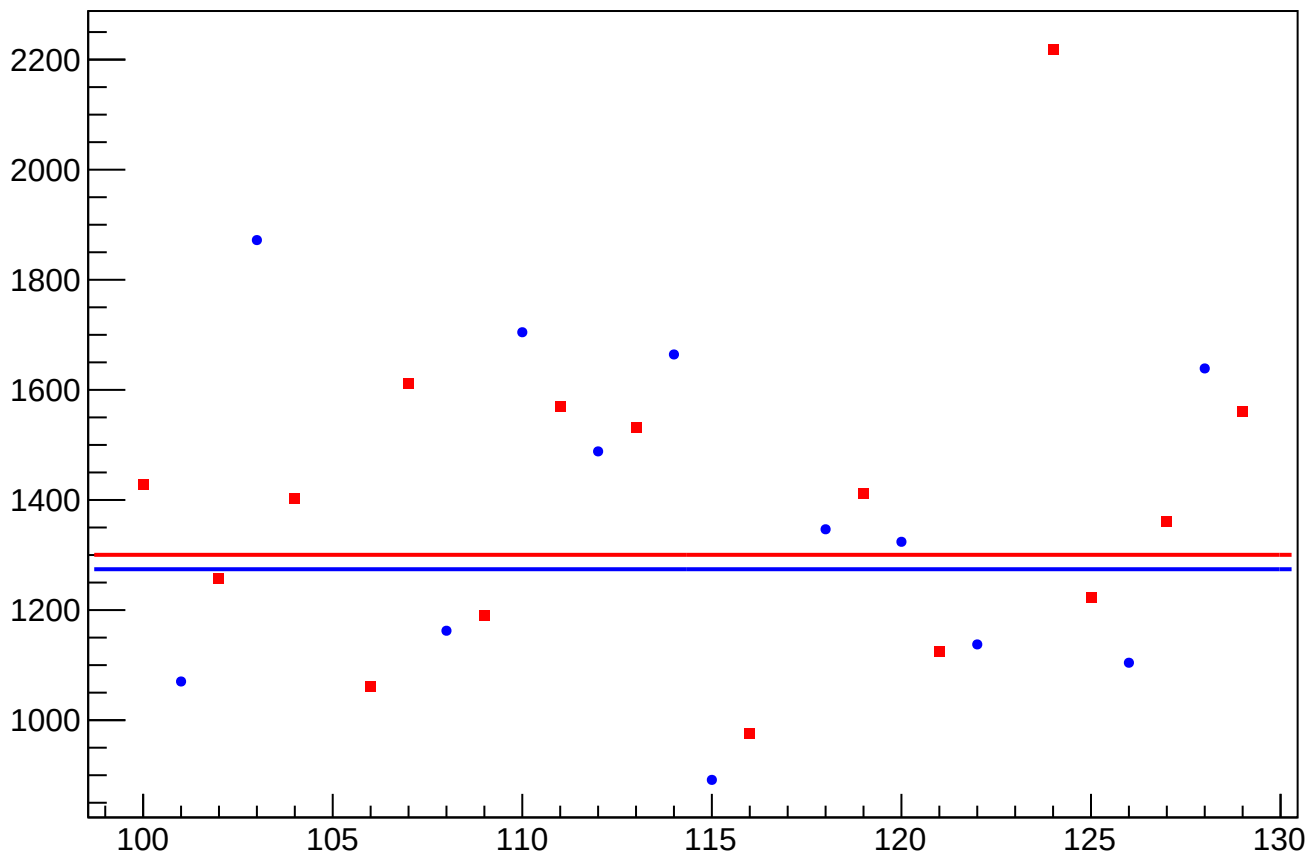
Right: -611.010 ± 400.978 $\chi^2/\text{NDF}: 30.8/26$

In: 37.407 ± 584.503 $\chi^2/\text{NDF}: 13.9/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -611.010 ± 400.978 $\chi^2/\text{NDF}: 30.8/26$

asym_atl_dd_atr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1274.208 $\pm$ 0.413 χ^2/NDF : 391084.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1300.363 $\pm$ 0.390 χ^2/NDF : 273476.6/14

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

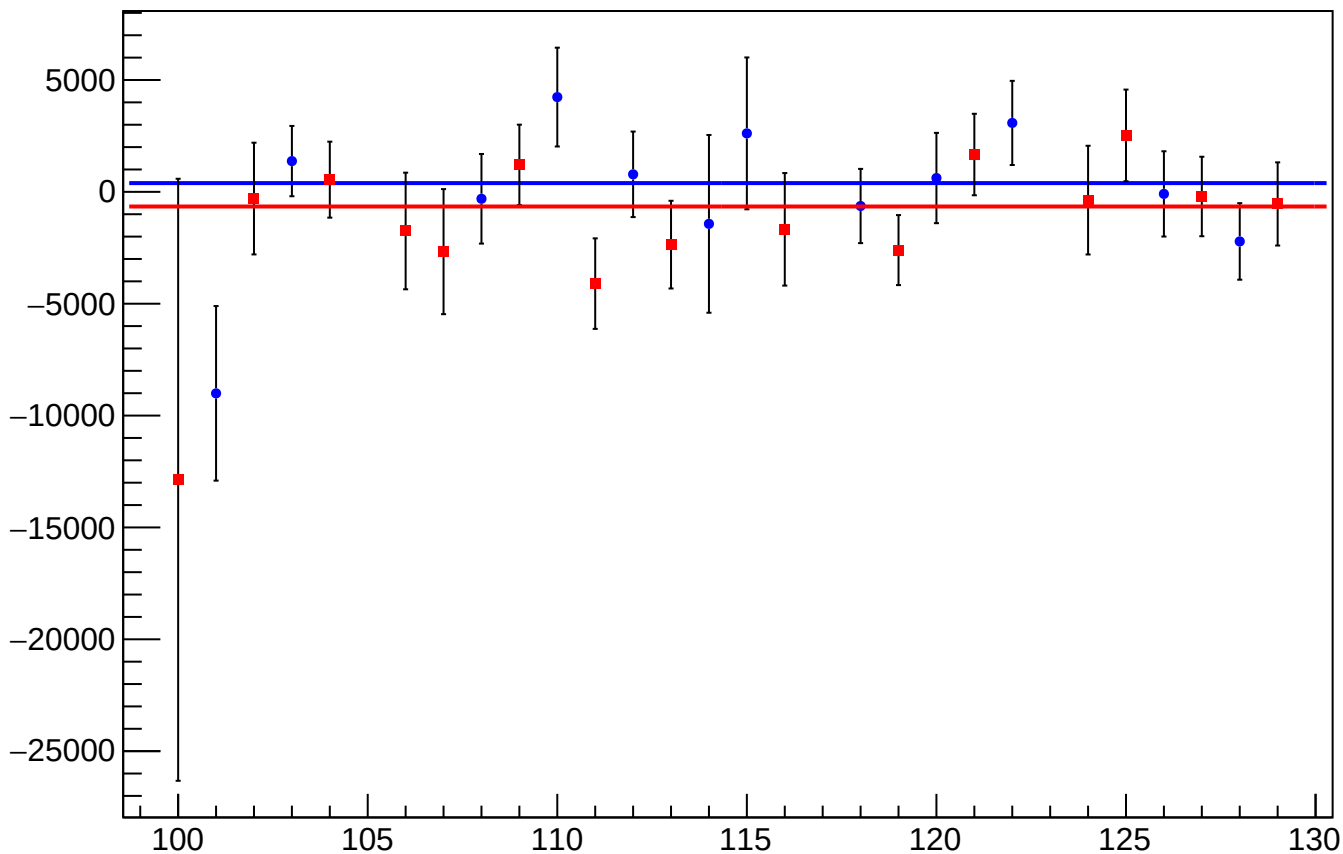
Right: 1288.054 $\pm$ 0.284 χ^2/NDF : 666681.2/26

In: 1274.208 $\pm$ 0.413 χ^2/NDF : 391084.6/11

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1288.054 $\pm$ 0.284 χ^2/NDF : 666681.2/26

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 391.442 ± 591.621 χ^2/NDF : 14.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

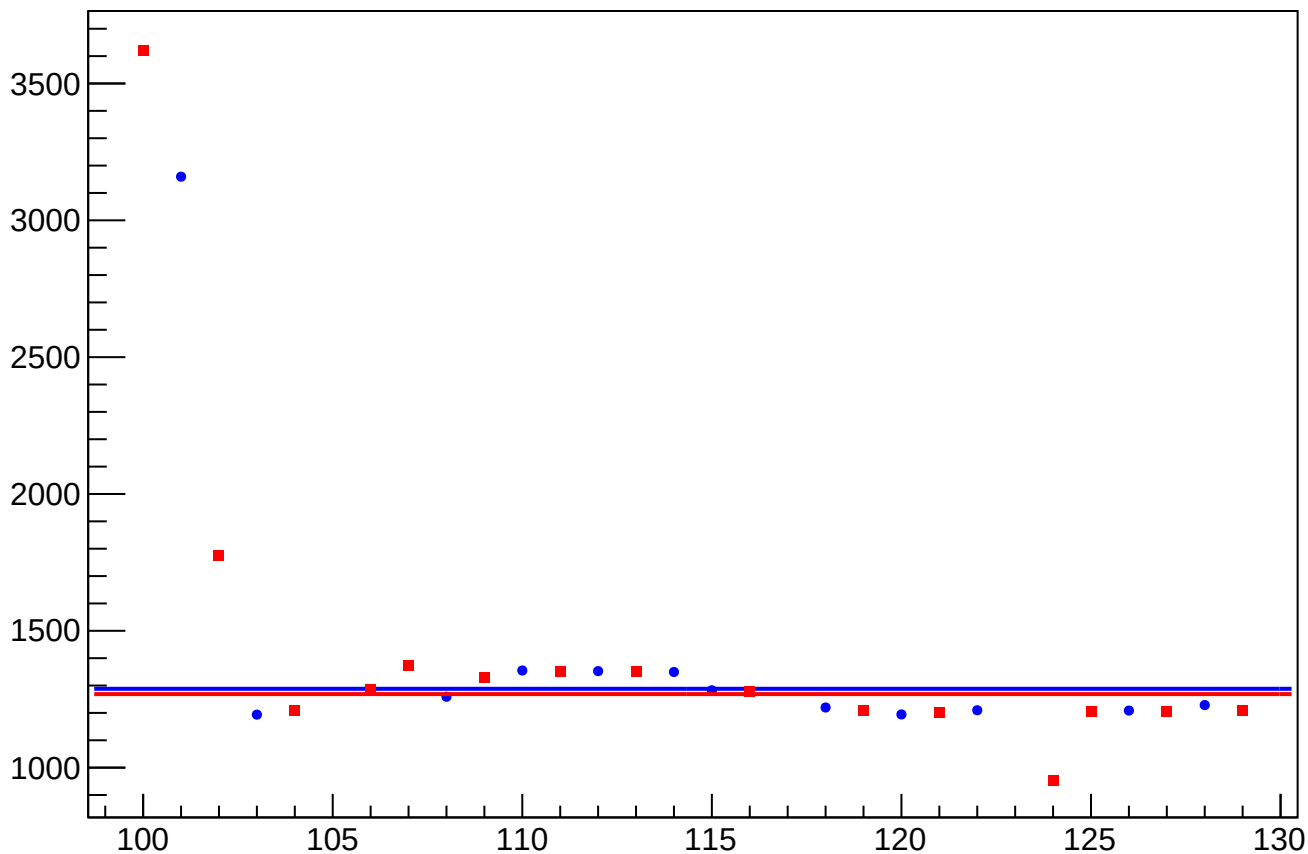
Right: -183.188 ± 397.108 χ^2/NDF : 29.2/26

In: 391.442 ± 591.621 χ^2/NDF : 14.9/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -183.188 ± 397.108 χ^2/NDF : 29.2/26

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1288.143+/-0.418 χ^2/NDF : 489494.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

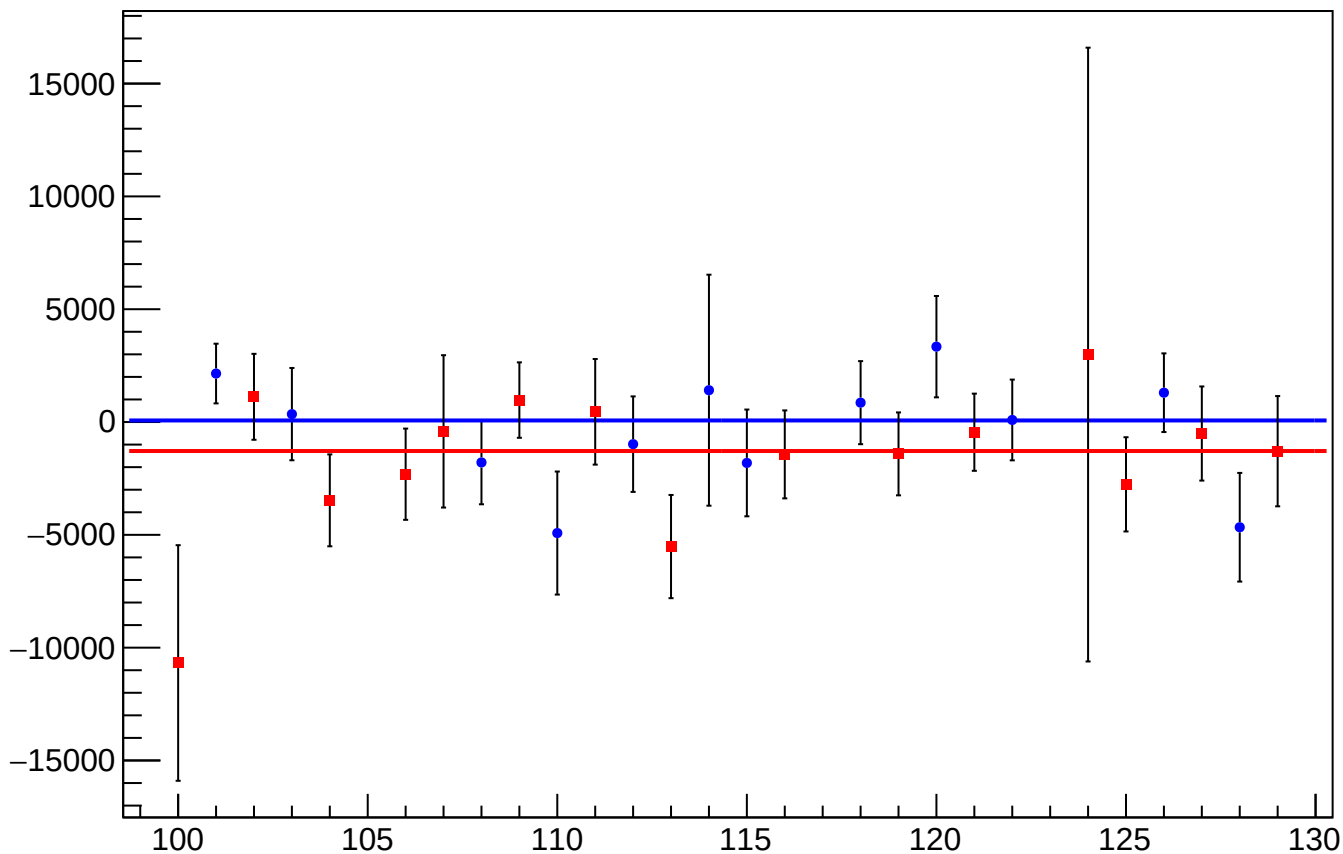
Right: 1277.471+/-0.281 χ^2/NDF : 695214.9/26

In: 1288.143+/-0.418 χ^2/NDF :489494.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1277.471+/-0.281 χ^2/NDF : 695214.9/26

asym_atl_dd_atr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 69.773+/-578.983 χ^2/NDF : 14.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1284.626+/-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

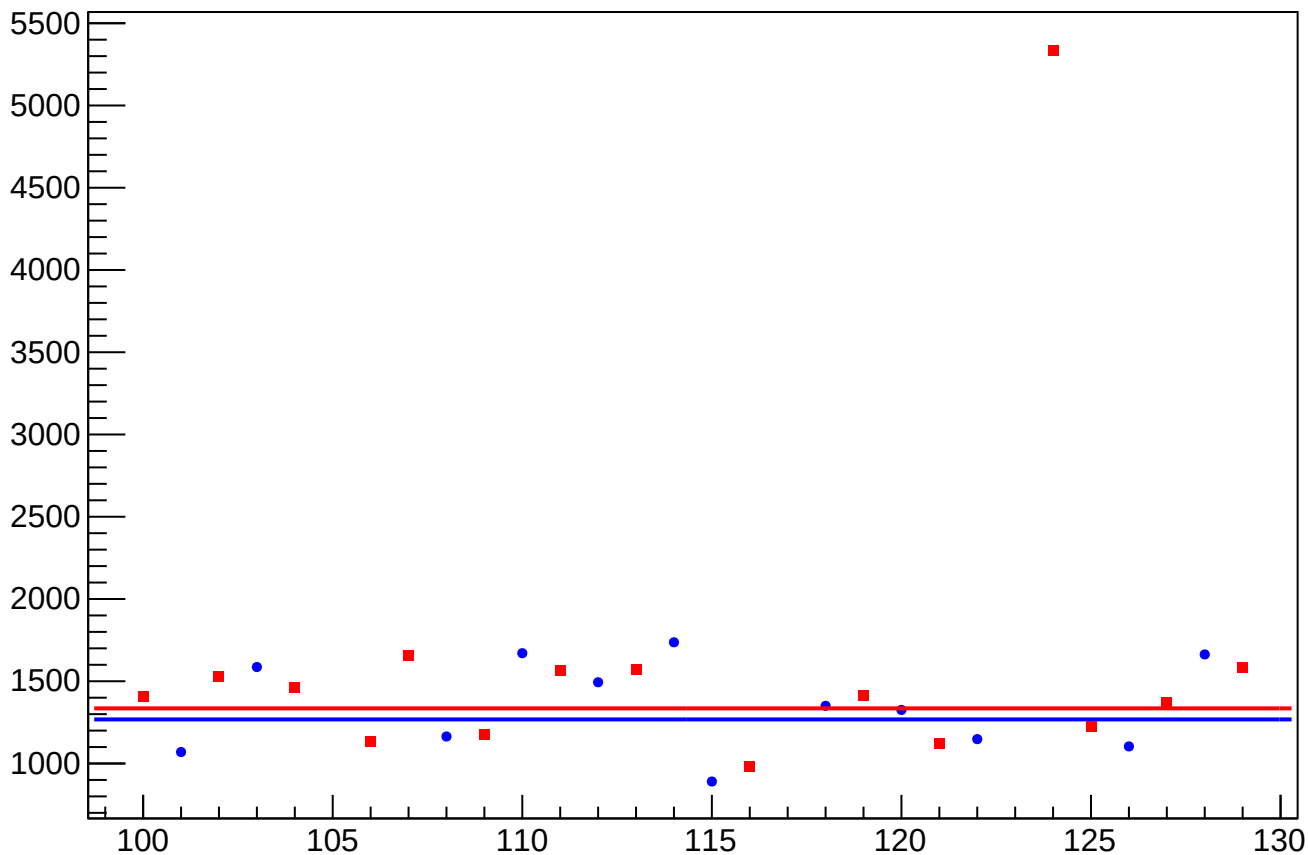
Right: -625.971+/-403.759 χ^2/NDF : 30.4/26

In: 69.773+/-578.983 χ^2/NDF : 14.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -625.971+/-403.759 χ^2/NDF : 30.4/26

asym_atl_dd_atr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1267.987+/-0.409 χ^2/NDF : 319584.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

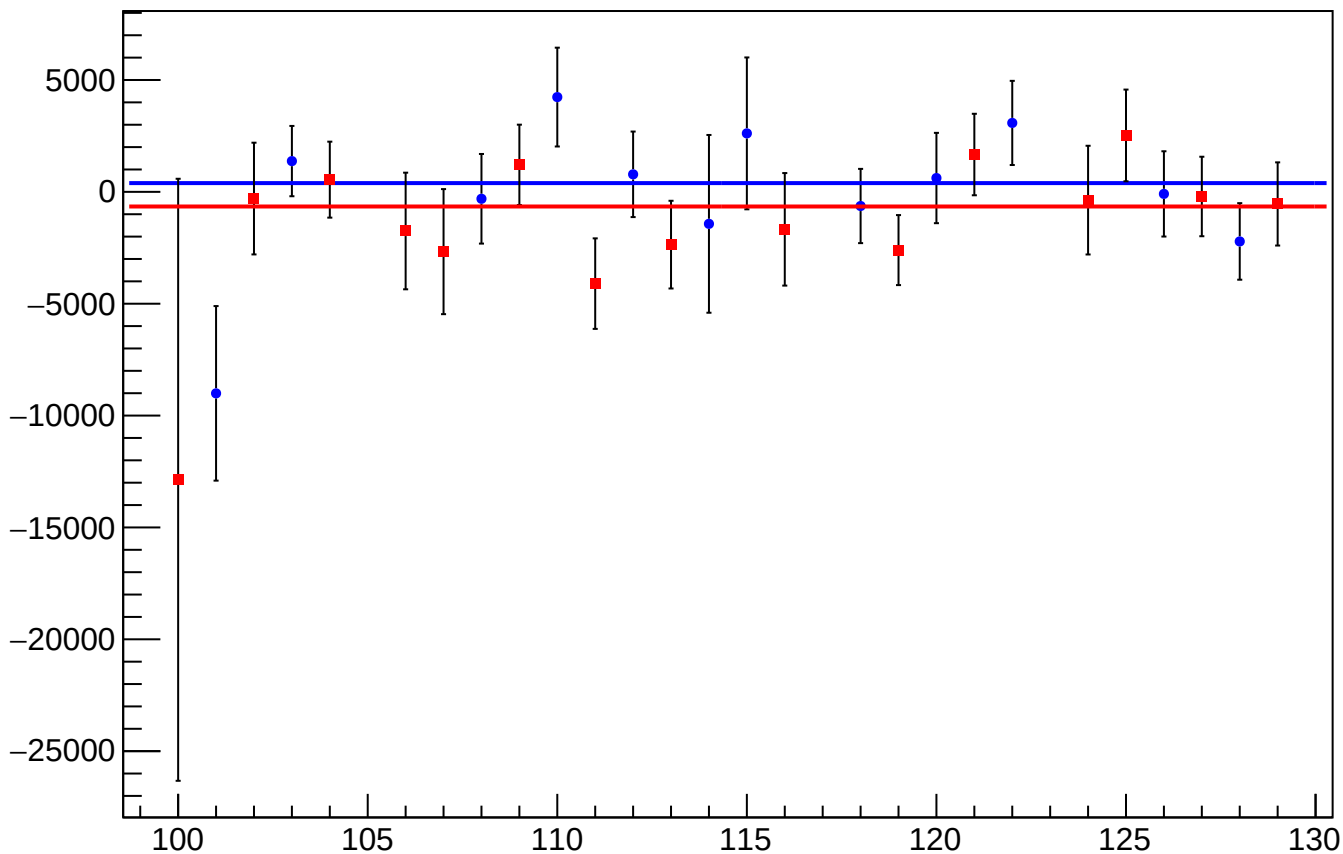
Right: 1302.449+/-0.286 χ^2/NDF : 760367.3/26

In: 1267.987+/-0.409 χ^2/NDF : 319584.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1302.449+/-0.286 χ^2/NDF : 760367.3/26

eigen_dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 391.441 $\pm$ 591.621 χ^2 /NDF: 14.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -654.364 $\pm$ 535.723 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

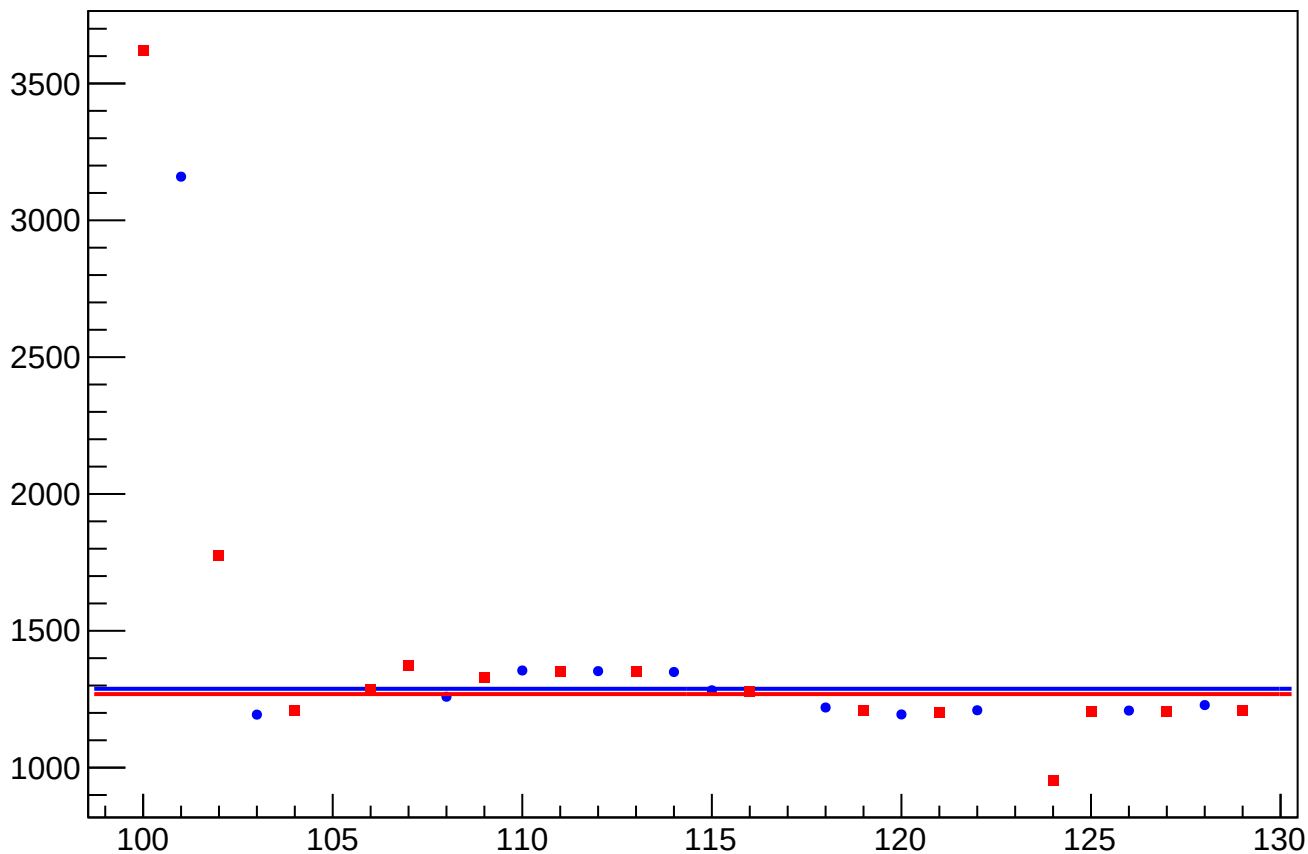
Right: -183.189 $\pm$ 397.108 χ^2 /NDF: 29.2/26

In: 391.441 $\pm$ 591.621 χ^2 /NDF:14.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -183.189 $\pm$ 397.108 χ^2 /NDF: 29.2/26

eigen_dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1288.143+/-0.418 χ^2/NDF : 489494.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

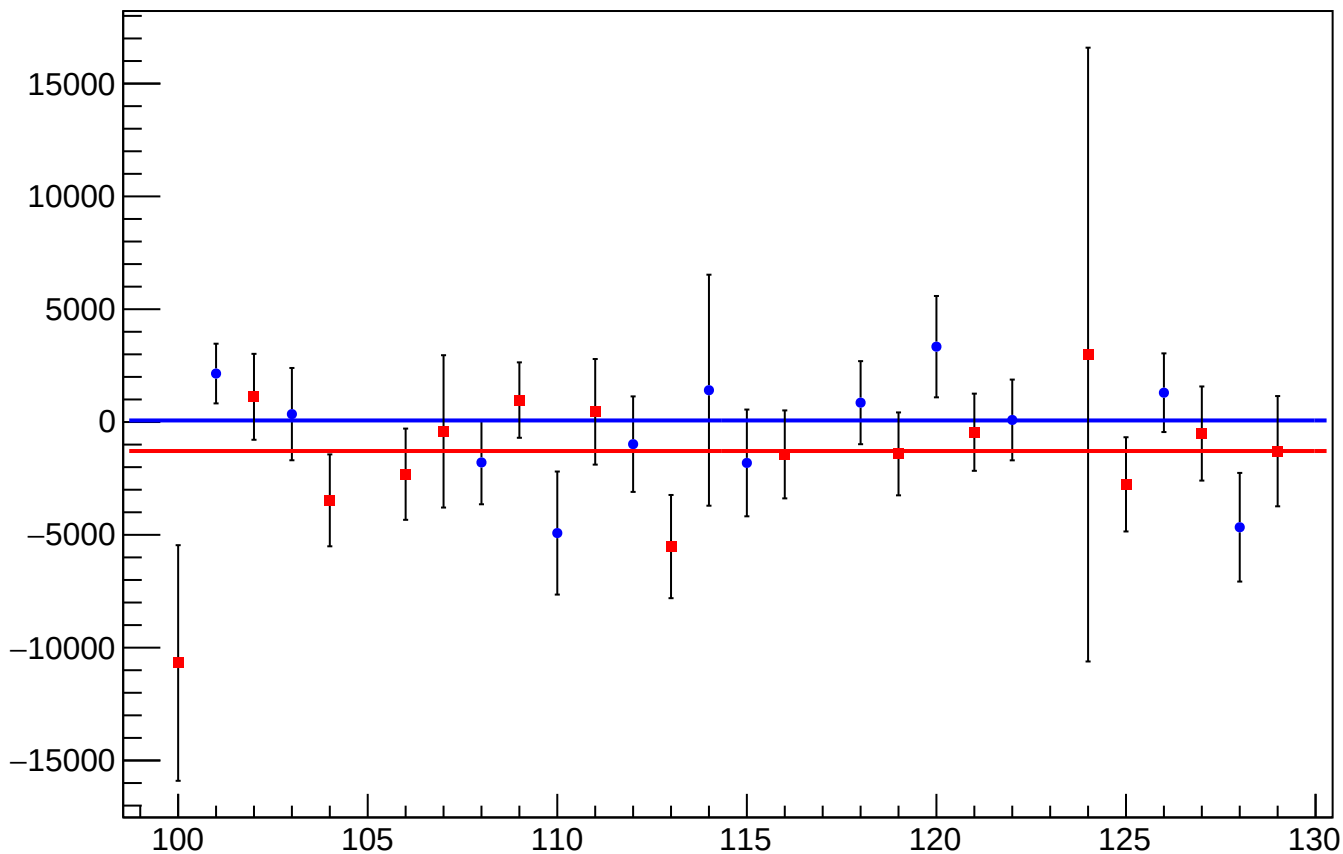
Right: 1277.470+/-0.281 χ^2/NDF : 695215.0/26

In: 1288.143+/-0.418 χ^2/NDF : 489494.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1277.470+/-0.281 χ^2/NDF : 695215.0/26

asym_atl_dd_atr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 69.772+/-578.981 χ^2/NDF : 14.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1284.626+/-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

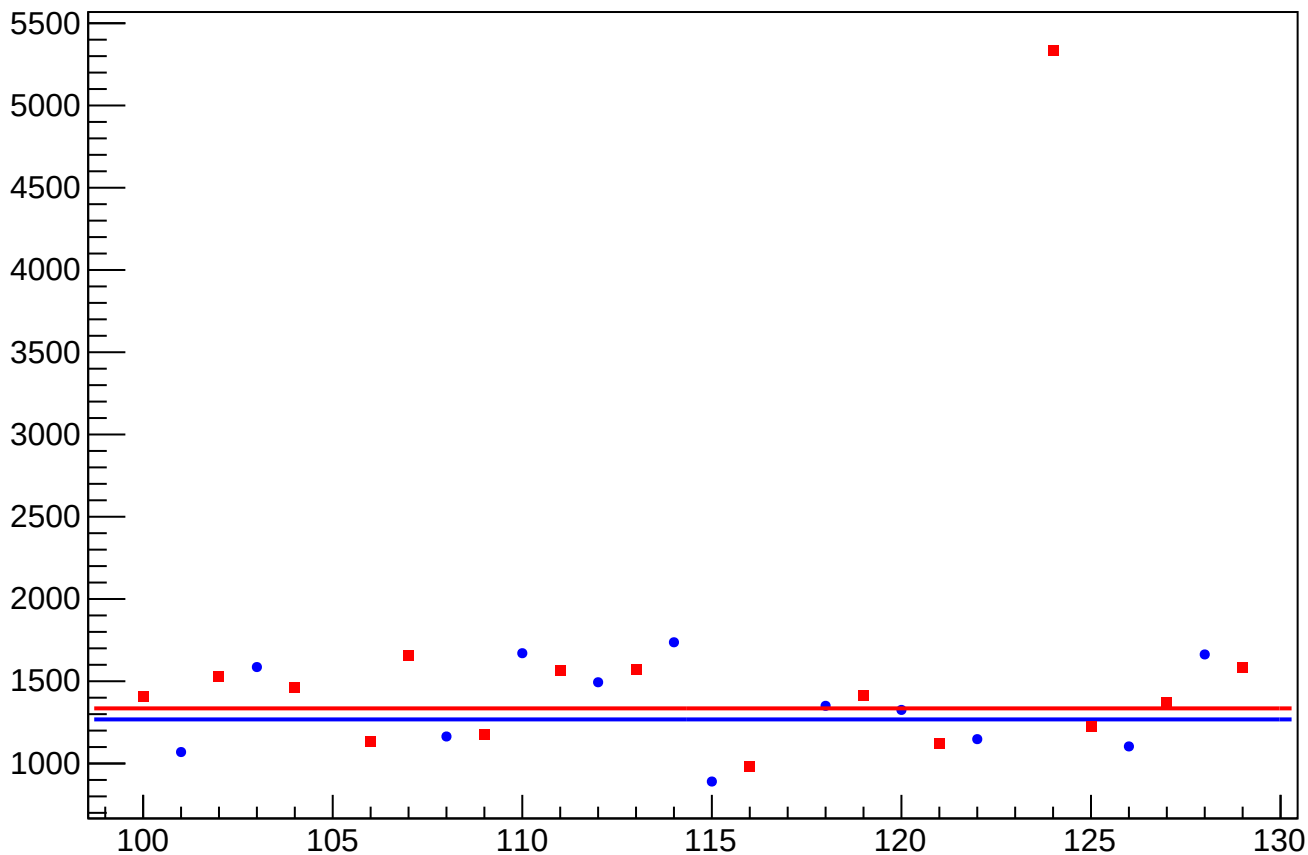
Right: -625.969+/-403.758 χ^2/NDF : 30.4/26

In: 69.772+/-578.981 χ^2/NDF : 14.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -625.969+/-403.758 χ^2/NDF : 30.4/26

asym_atl_dd_atr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1267.983+/-0.409 χ^2/NDF : 319590.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

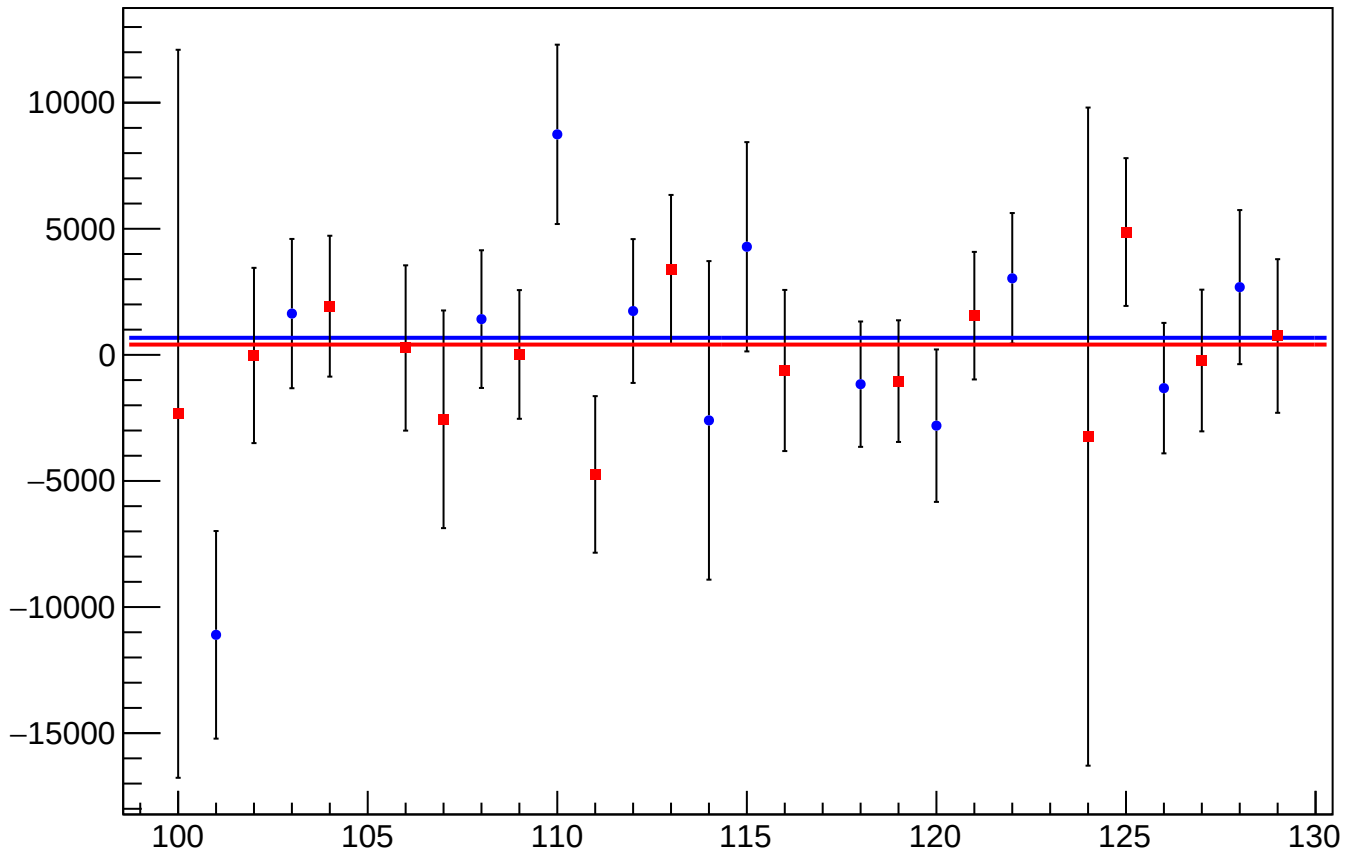
Right: 1302.446+/-0.285 χ^2/NDF : 760374.2/26

In: 1267.983+/-0.409 χ^2/NDF : 319590.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1302.446+/-0.285 χ^2/NDF : 760374.2/26

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 676.768+/-887.475 χ^2/NDF : 18.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 408.073+/-812.116 χ^2/NDF : 7.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

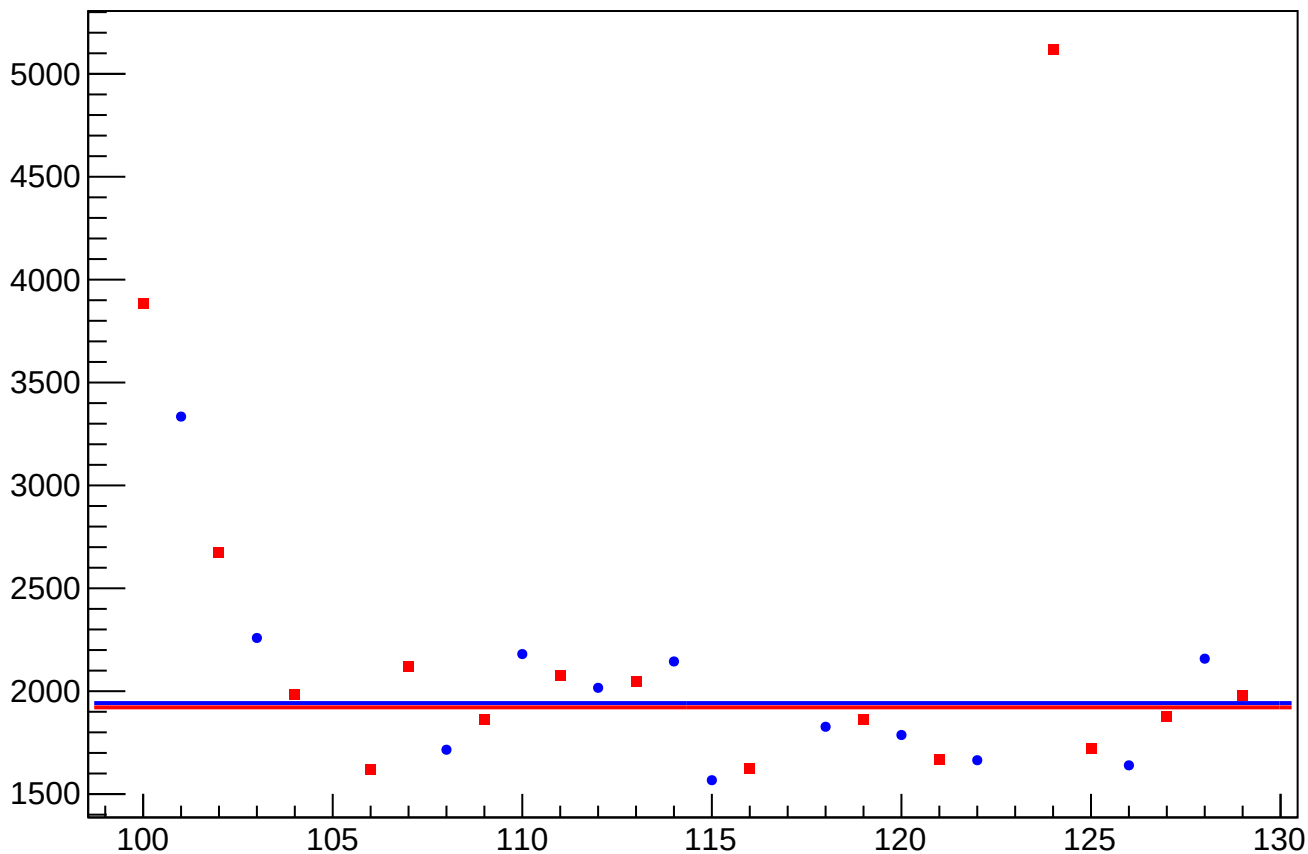
Right: 530.530+/-599.126 χ^2/NDF : 26.2/26

In: 676.768+/-887.475 χ^2/NDF : 18.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 530.530+/-599.126 χ^2/NDF : 26.2/26

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1942.247+/-0.628 χ^2/NDF : 364037.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

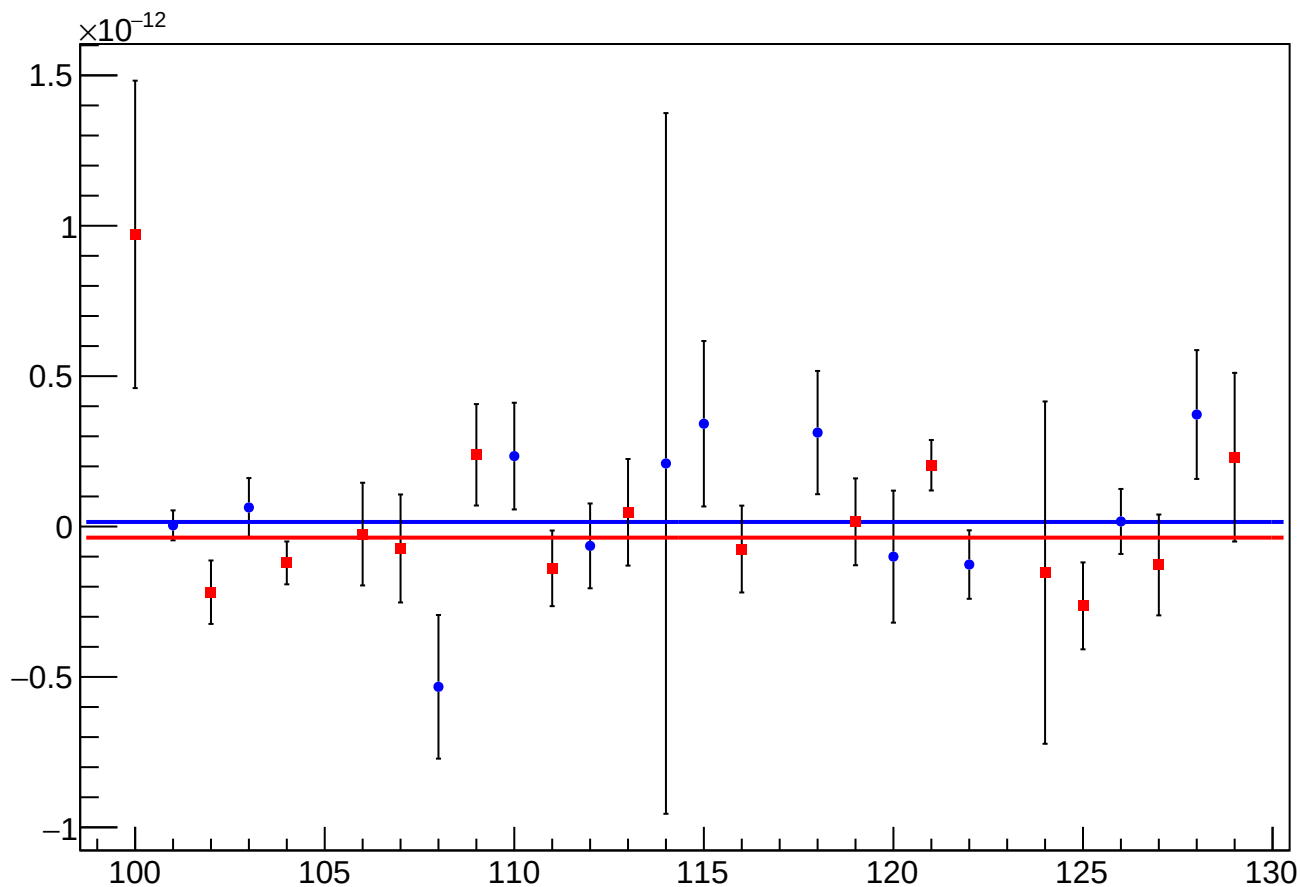
Right: 1930.925+/-0.424 χ^2/NDF : 696858.7/26

In: 1942.247+/-0.628 χ^2/NDF : 364037.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1930.925+/-0.424 χ^2/NDF : 696858.7/26

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 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

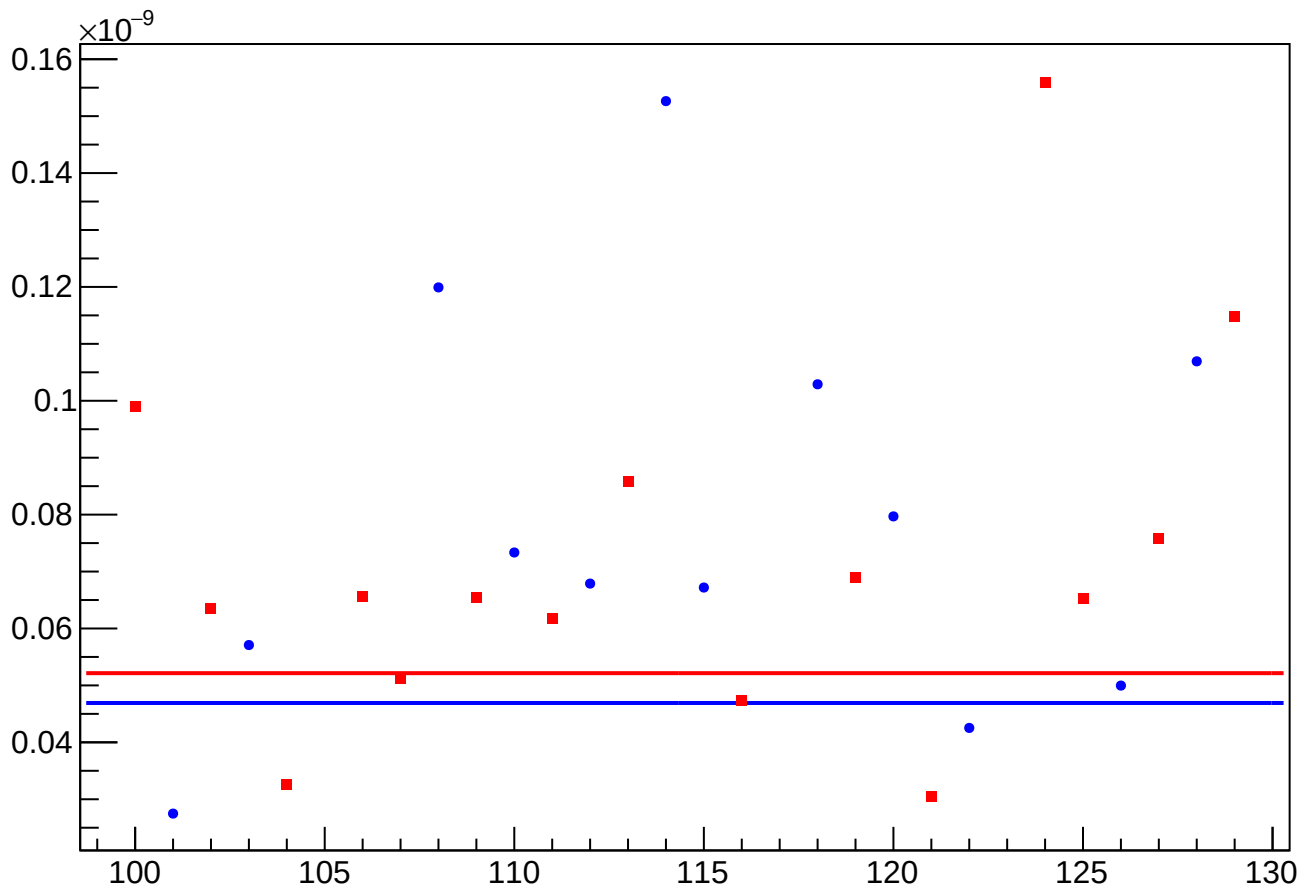
Right: -0.000+/-0.000 χ^2/NDF : 40.7/26

In: 0.000+/-0.000 χ^2/NDF : 15.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 40.7/26

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 984664.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

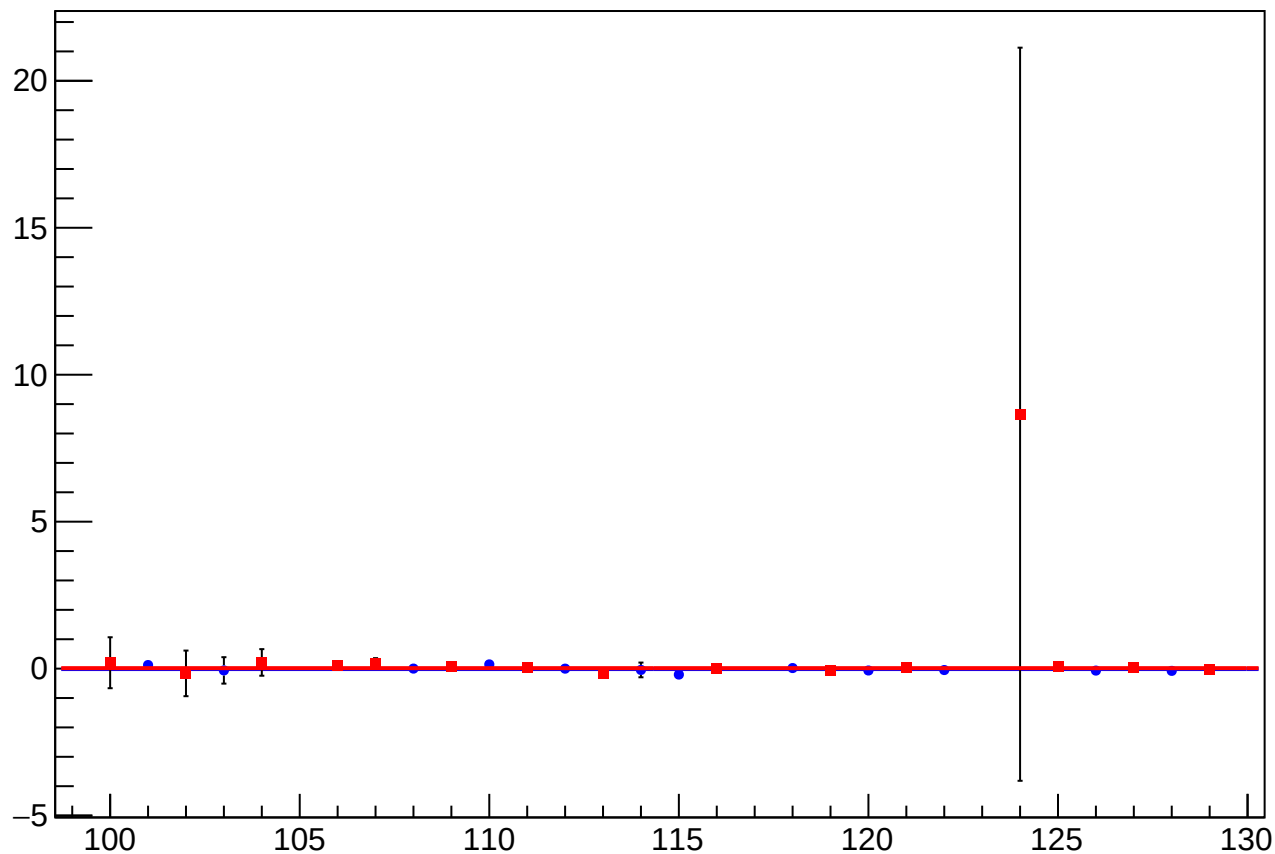
Right: 0.000+/-0.000 χ^2/NDF : 1691766.3/26

In: 0.000+/-0.000 χ^2/NDF : 984664.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1691766.3/26

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014 ± 0.022 χ^2/NDF : 12.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.016 ± 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

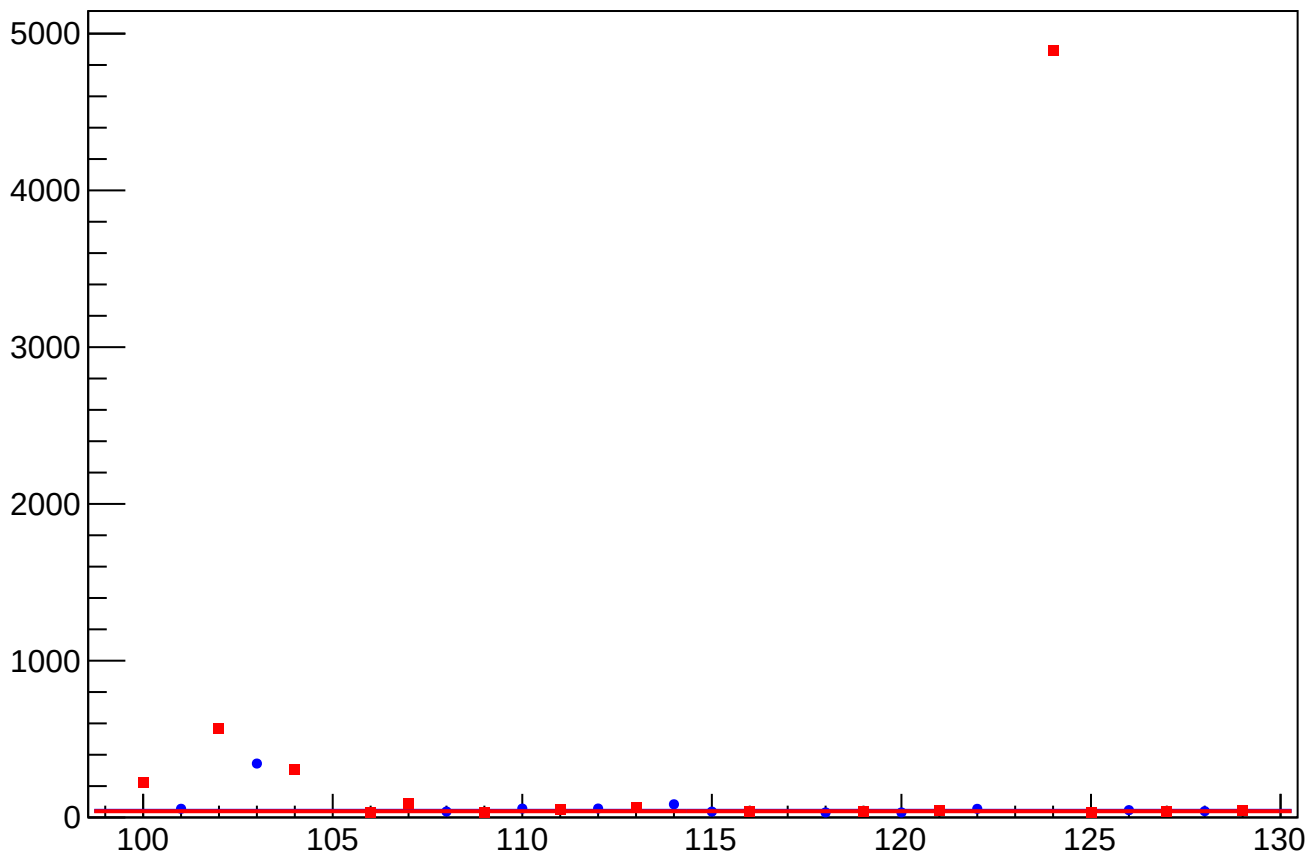
Right: 0.002 ± 0.015 χ^2/NDF : 24.4/26

In: -0.014 ± 0.022 χ^2/NDF : 12.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.002 ± 0.015 χ^2/NDF : 24.4/26

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.367+/-0.015 χ^2/NDF : 1351502.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.747+/-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

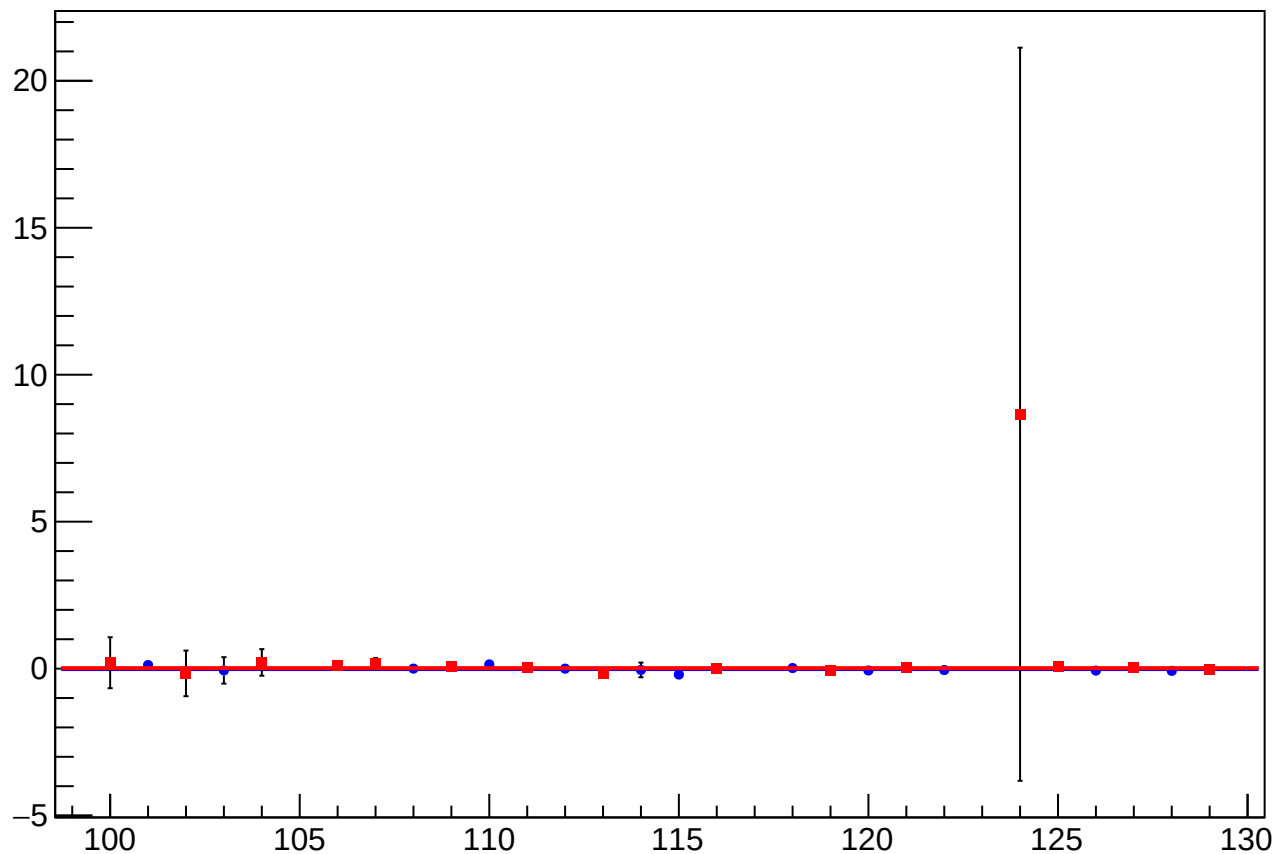
Right: 40.962+/-0.010 χ^2/NDF : 3784835.8/26

In: 42.367+/-0.015 χ^2/NDF : 1351502.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.962+/-0.010 χ^2/NDF : 3784835.8/26

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014 ± 0.022 χ^2/NDF : 12.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.016 ± 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

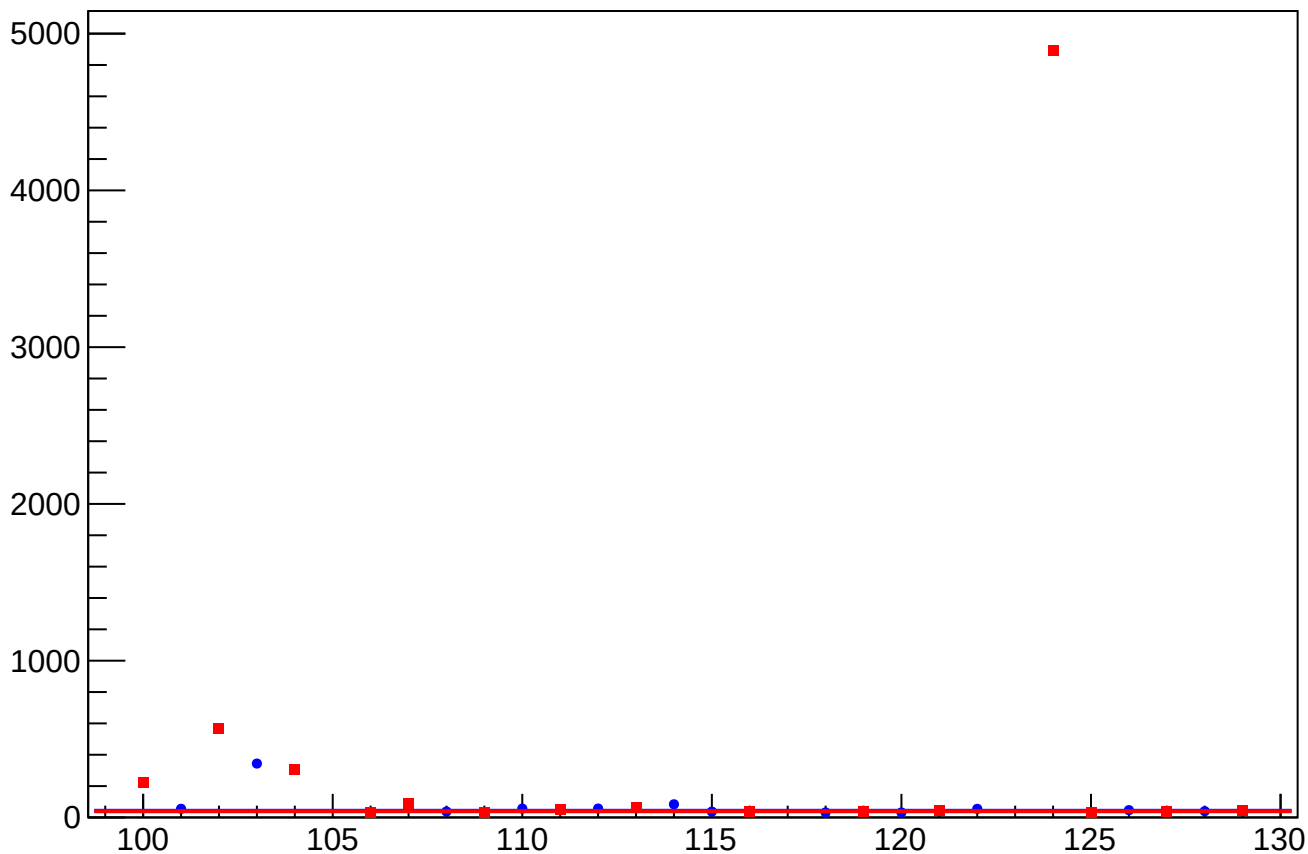
Right: 0.002 ± 0.015 χ^2/NDF : 24.4/26

In: -0.014 ± 0.022 χ^2/NDF : 12.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.002 ± 0.015 χ^2/NDF : 24.4/26

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.367+/-0.015 χ^2/NDF : 1351502.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.747+/-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

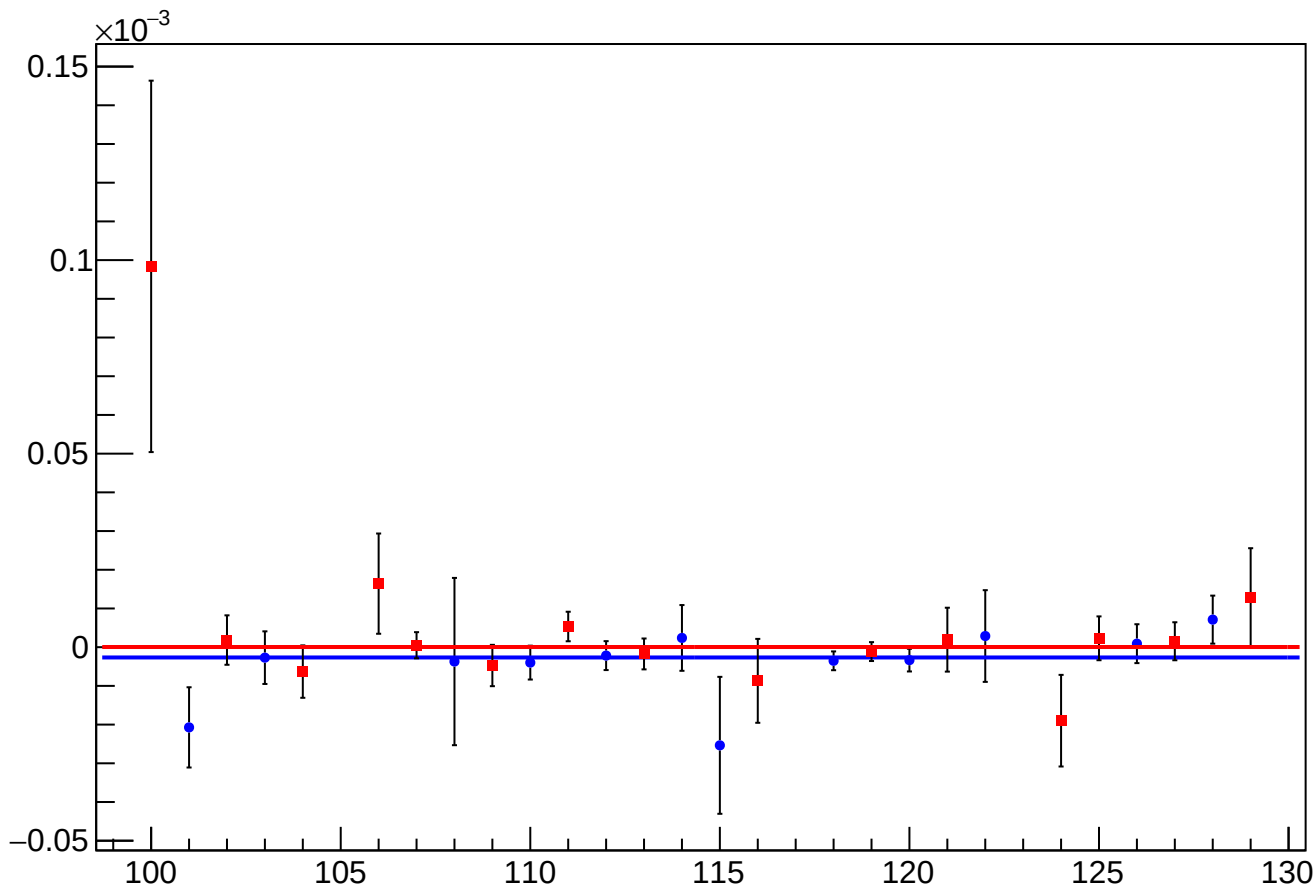
Right: 40.962+/-0.010 χ^2/NDF : 3784835.8/26

In: 42.367+/-0.015 χ^2/NDF : 1351502.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.962+/-0.010 χ^2/NDF : 3784835.8/26

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 : 8.5/11

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

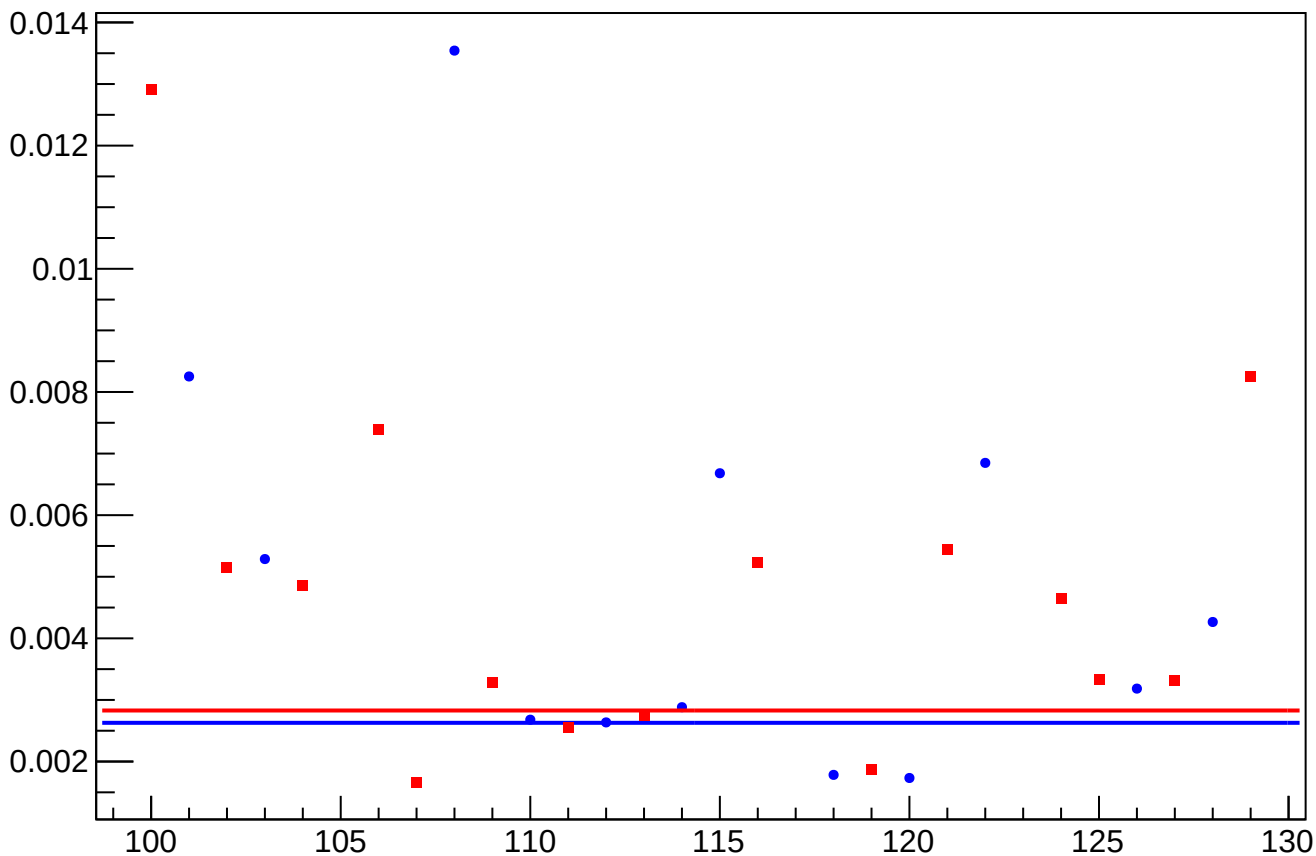
Right: -0.000+/-0.000 χ^2/NDF : 25.1/26

In: -0.000+/-0.000 χ^2/NDF : 8.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.1/26

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 : 2358184.8/11

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

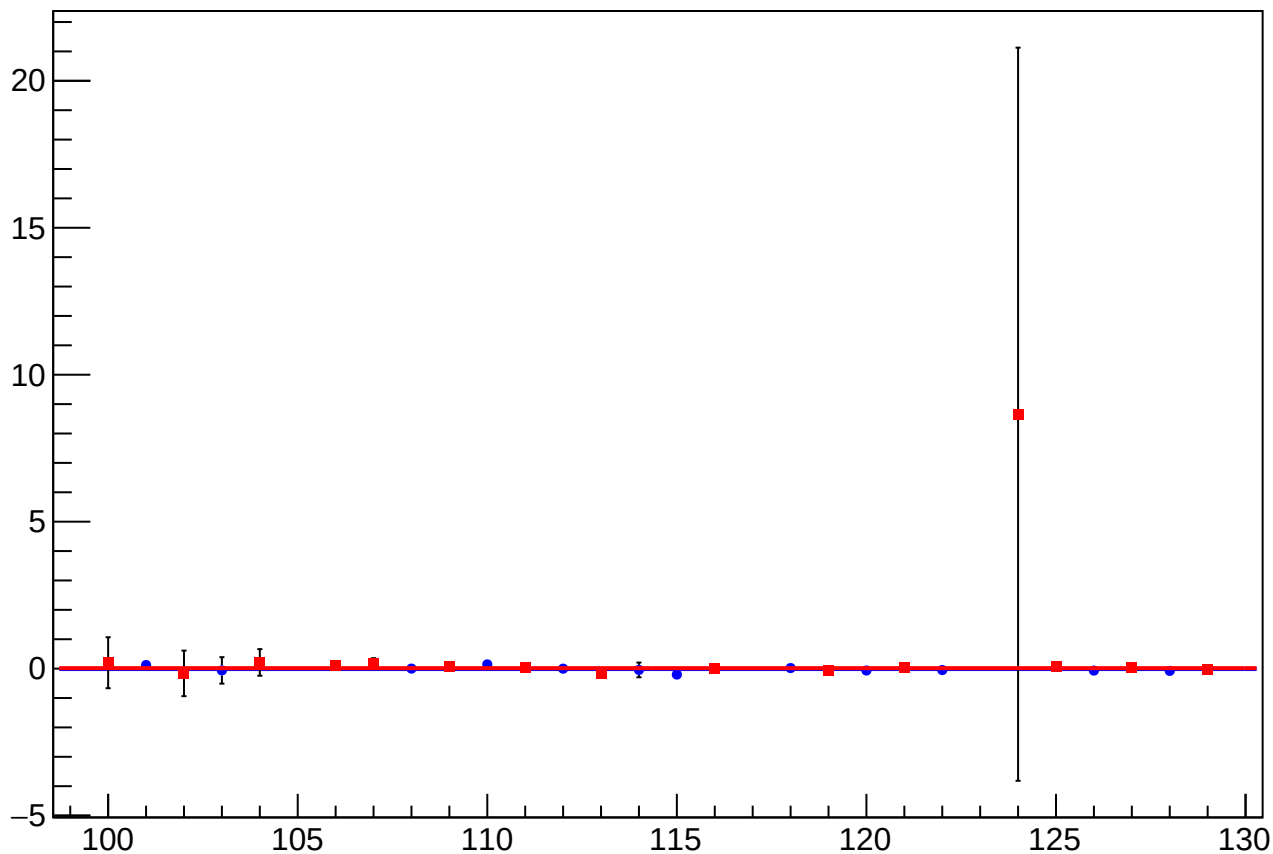
Right: 0.003+/-0.000 χ^2/NDF : 4480990.6/26

In: 0.003+/-0.000 χ^2/NDF : 2358184.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 4480990.6/26

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014 $\pm$ 0.022 χ^2 /NDF: 12.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.016 $\pm$ 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

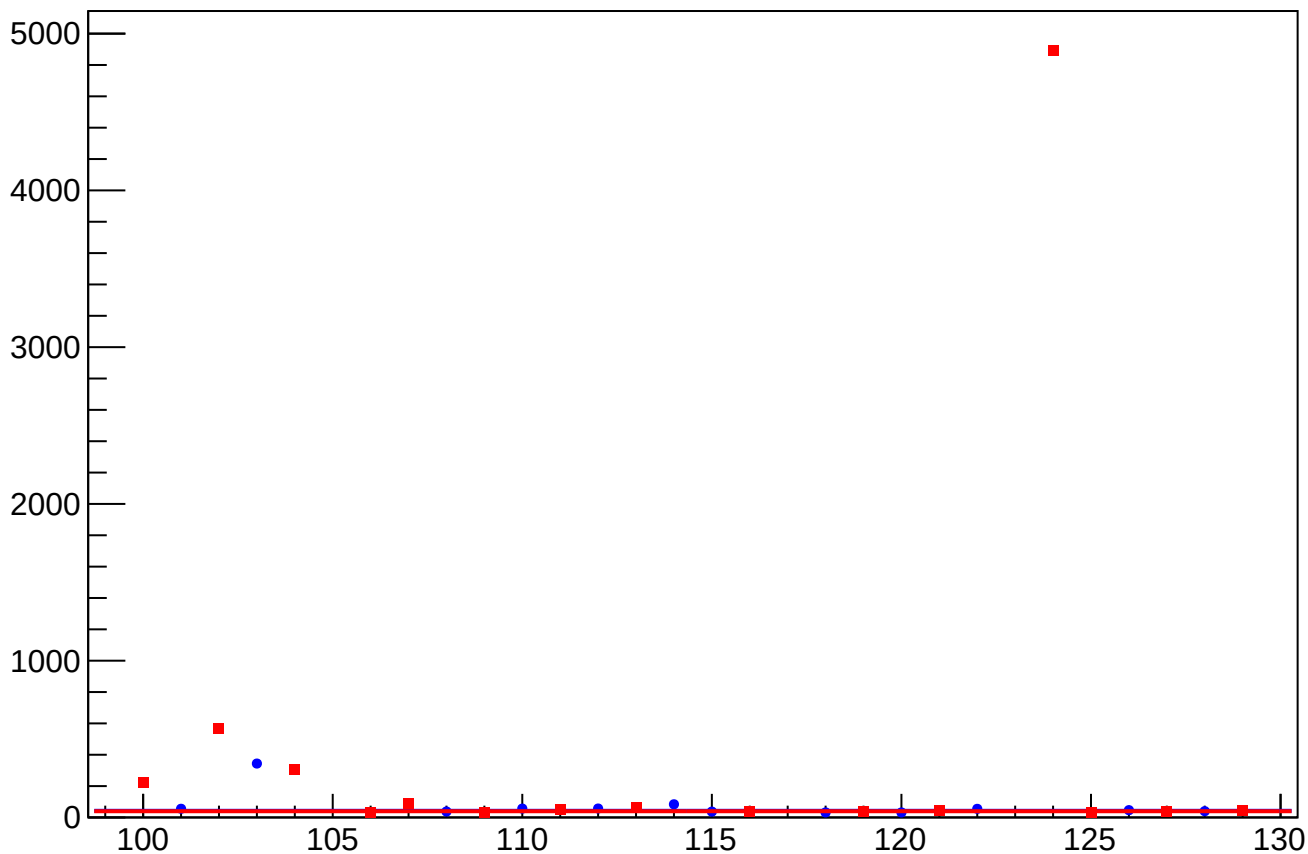
Right: 0.002 $\pm$ 0.015 χ^2 /NDF: 24.4/26

In: -0.014 $\pm$ 0.022 χ^2 /NDF:12.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.015 χ^2 /NDF: 24.4/26

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.367+/-0.015 χ^2/NDF : 1351510.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.746+/-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

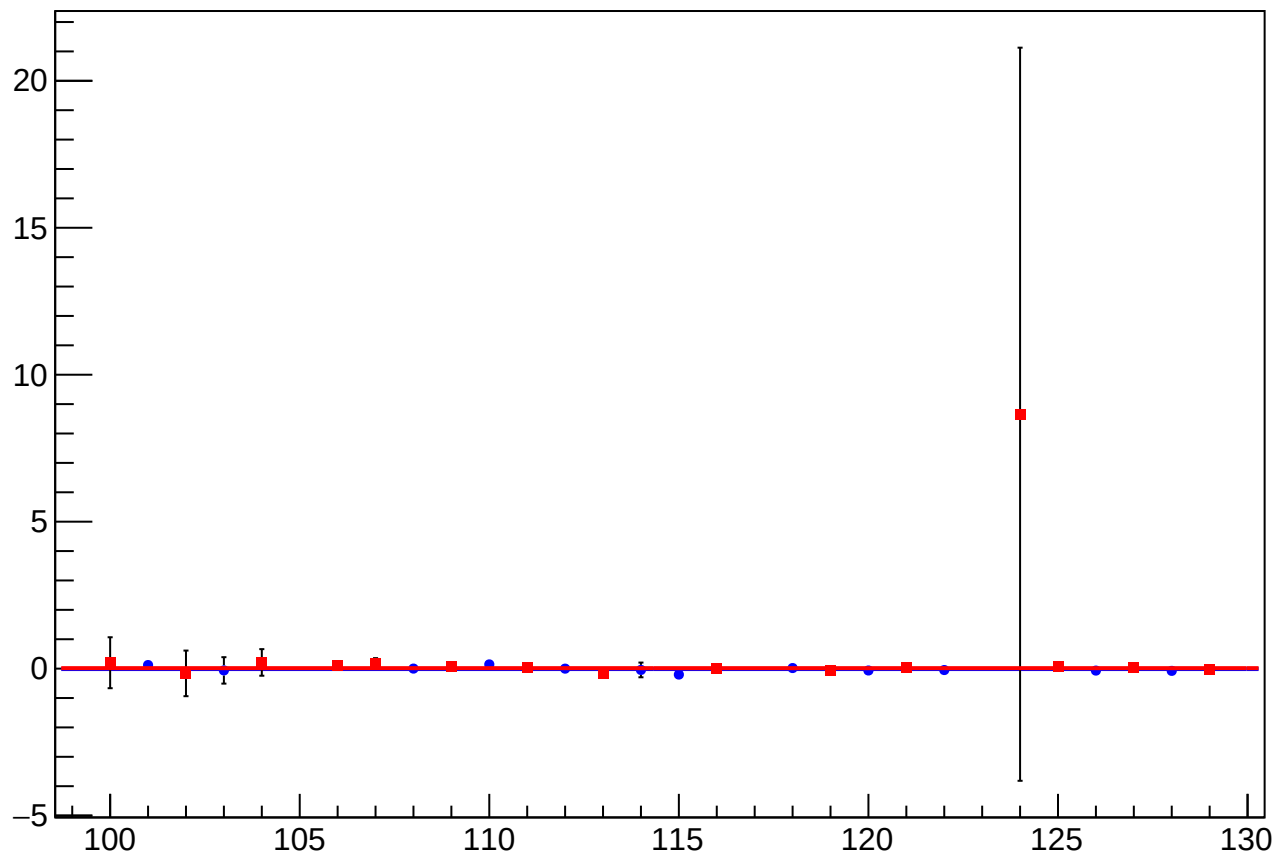
Right: 40.962+/-0.010 χ^2/NDF : 3784893.6/26

In: 42.367+/-0.015 χ^2/NDF : 1351510.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.962+/-0.010 χ^2/NDF : 3784893.6/26

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014 ± 0.022 χ^2/NDF : 12.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.016 ± 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

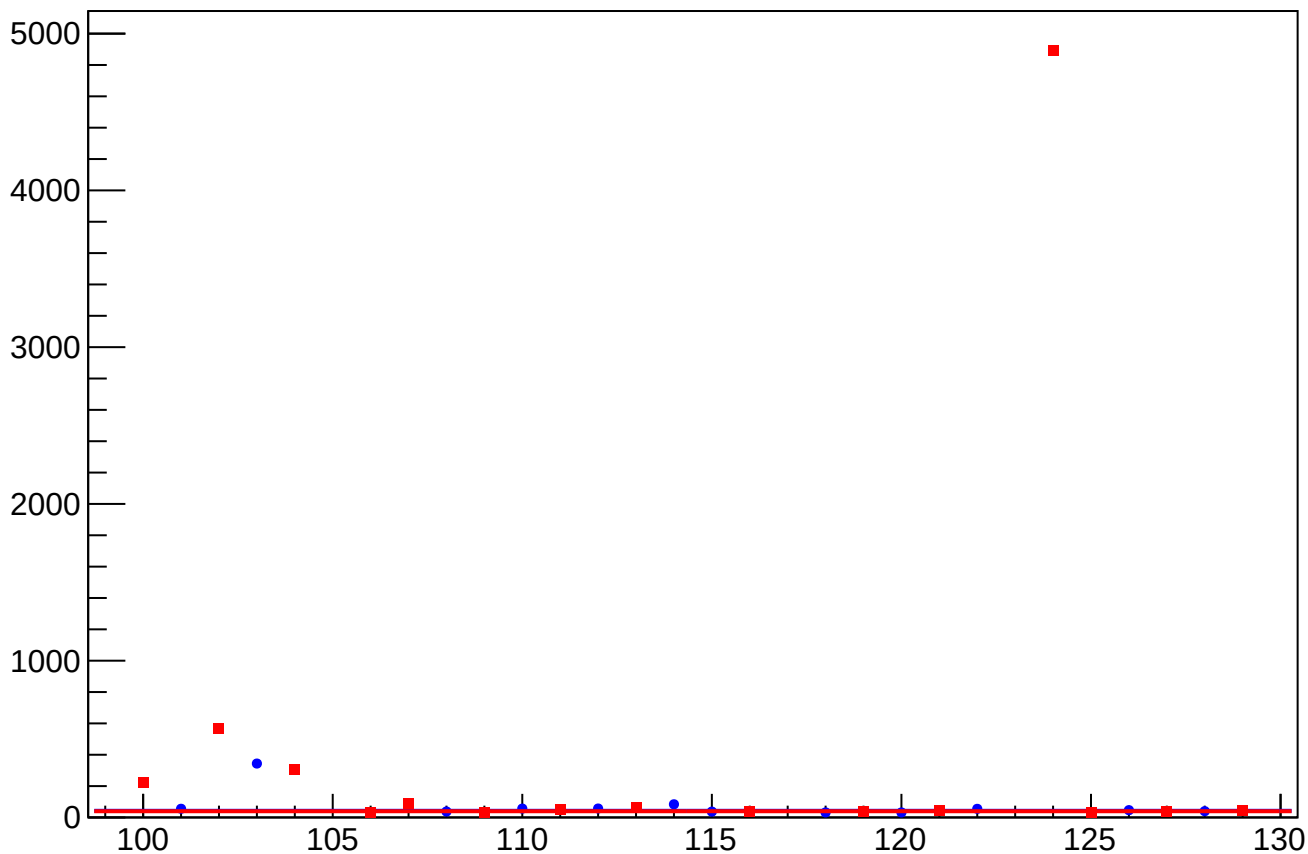
Right: 0.002 ± 0.015 χ^2/NDF : 24.4/26

In: -0.014 ± 0.022 χ^2/NDF : 12.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.002 ± 0.015 χ^2/NDF : 24.4/26

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.367+/-0.015 χ^2/NDF : 1351510.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.746+/-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

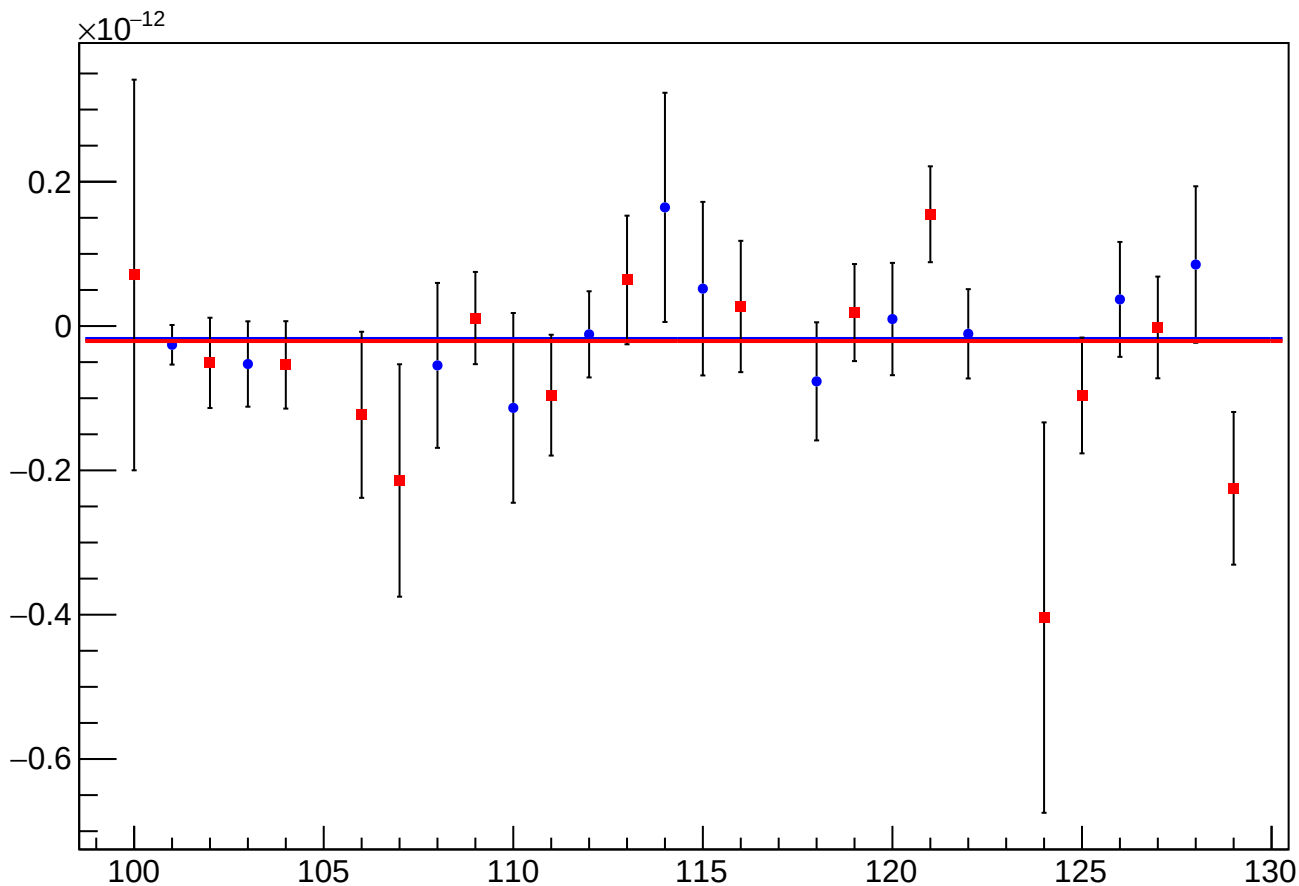
Right: 40.962+/-0.010 χ^2/NDF : 3784893.6/26

In: 42.367+/-0.015 χ^2/NDF : 1351510.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.962+/-0.010 χ^2/NDF : 3784893.6/26

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 : 4.8/11

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

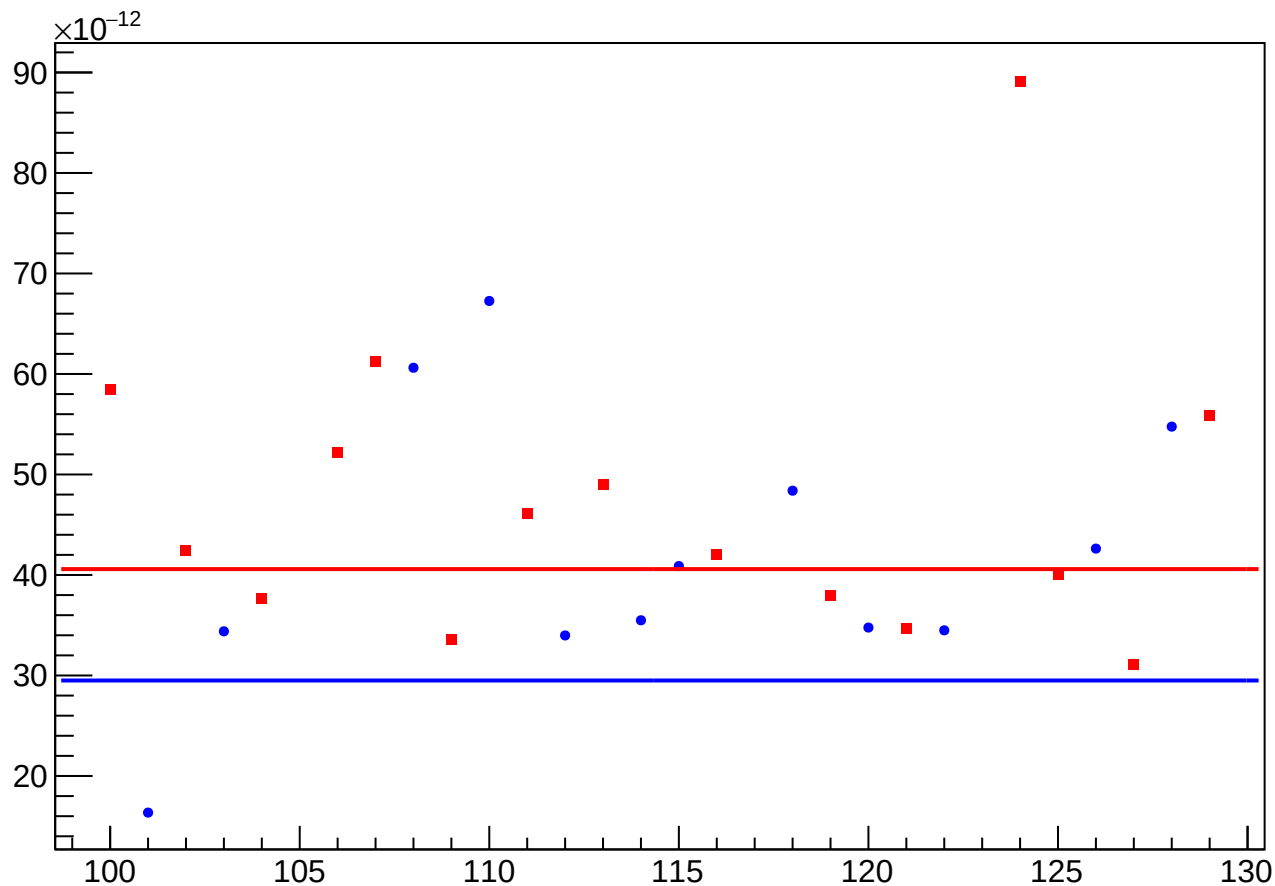
Right: -0.000+/-0.000 χ^2/NDF : 23.9/26

In: -0.000+/-0.000 χ^2/NDF : 4.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.9/26

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 : 1109532.5/11

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

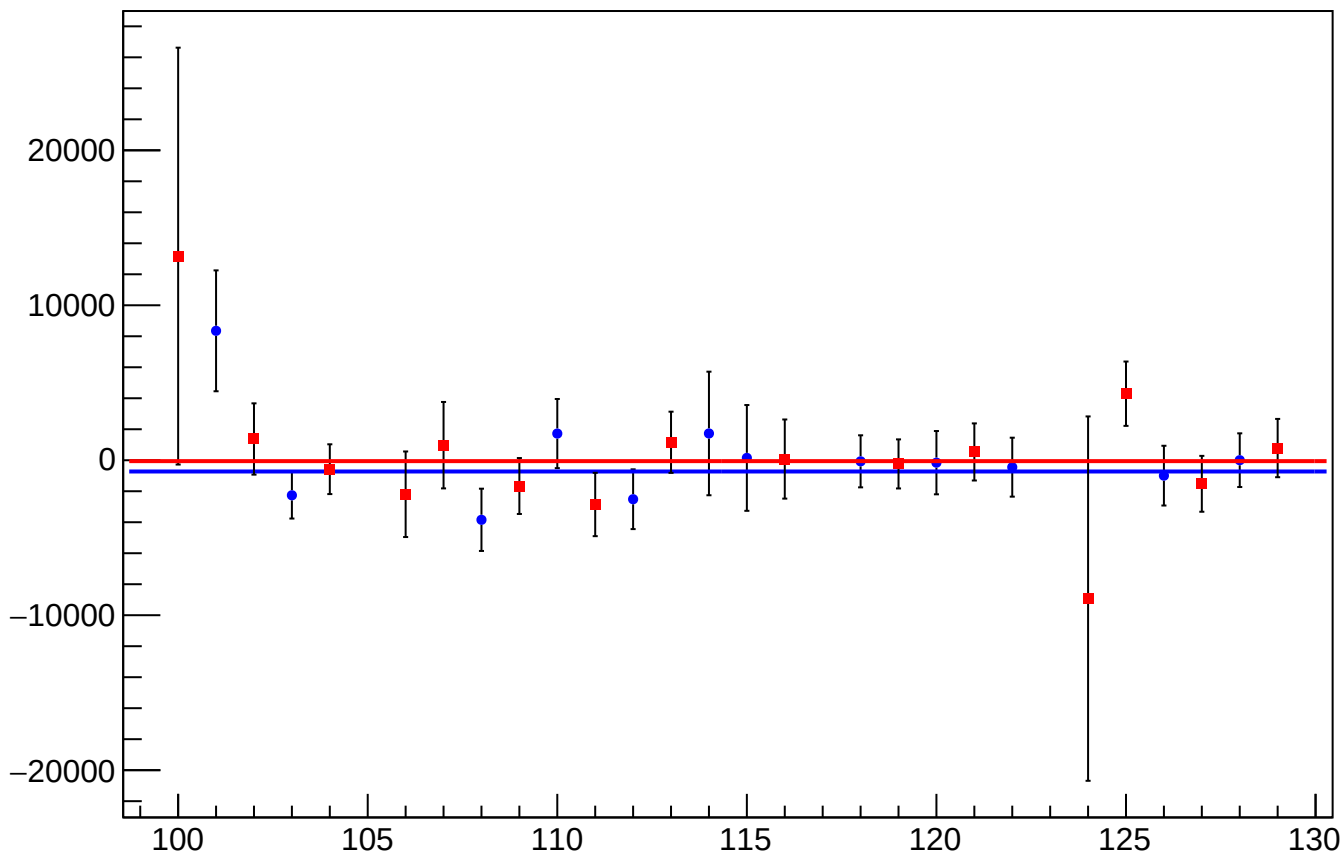
Right: 0.000+/-0.000 χ^2/NDF : 1700157.1/26

In: 0.000+/-0.000 χ^2/NDF : 1109532.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1700157.1/26

reg_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -725.495+/-592.517 χ^2/NDF : 11.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

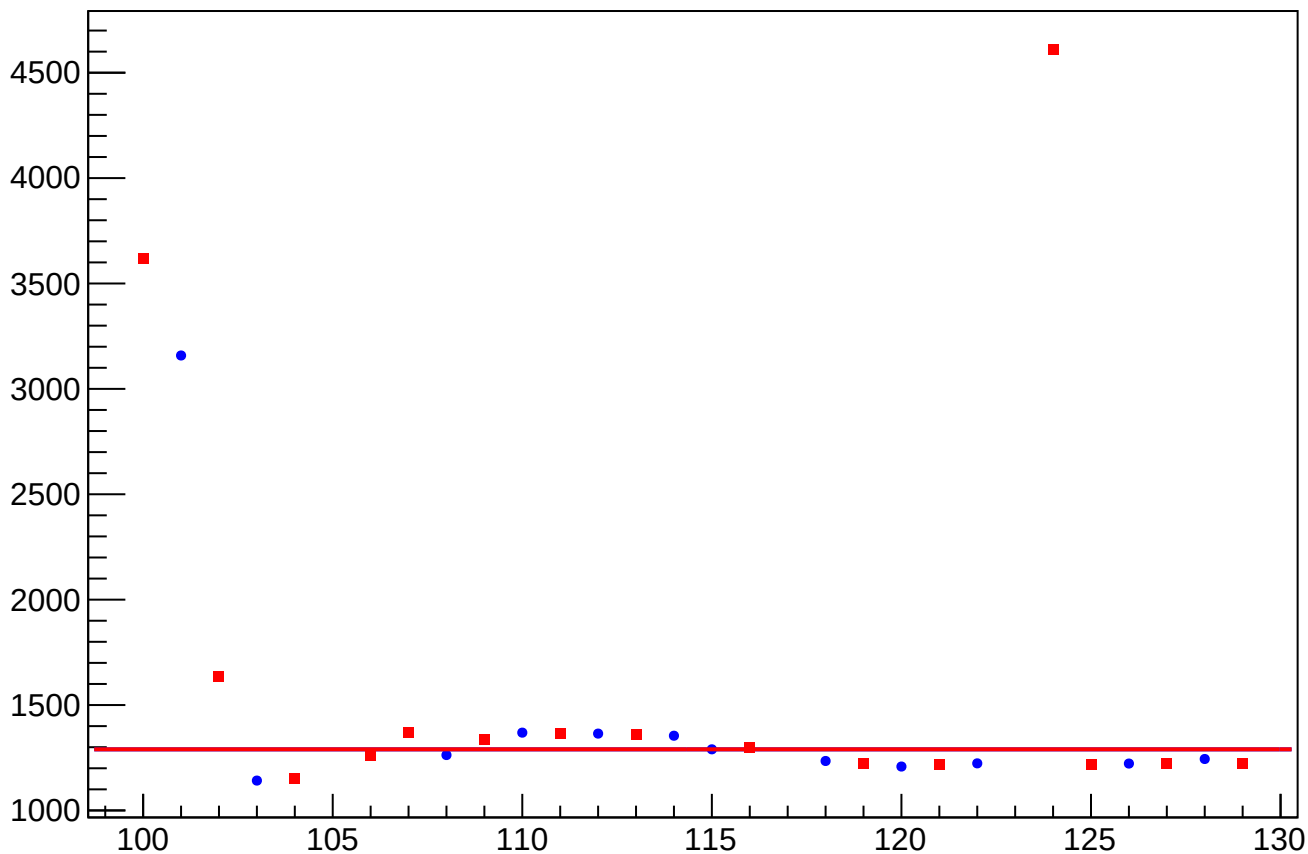
Right: -365.751+/-402.592 χ^2/NDF : 23.7/26

In: -725.495+/-592.517 χ^2/NDF : 11.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -365.751+/-402.592 χ^2/NDF : 23.7/26

reg_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1289.696+/-0.419 χ^2/NDF : 496608.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

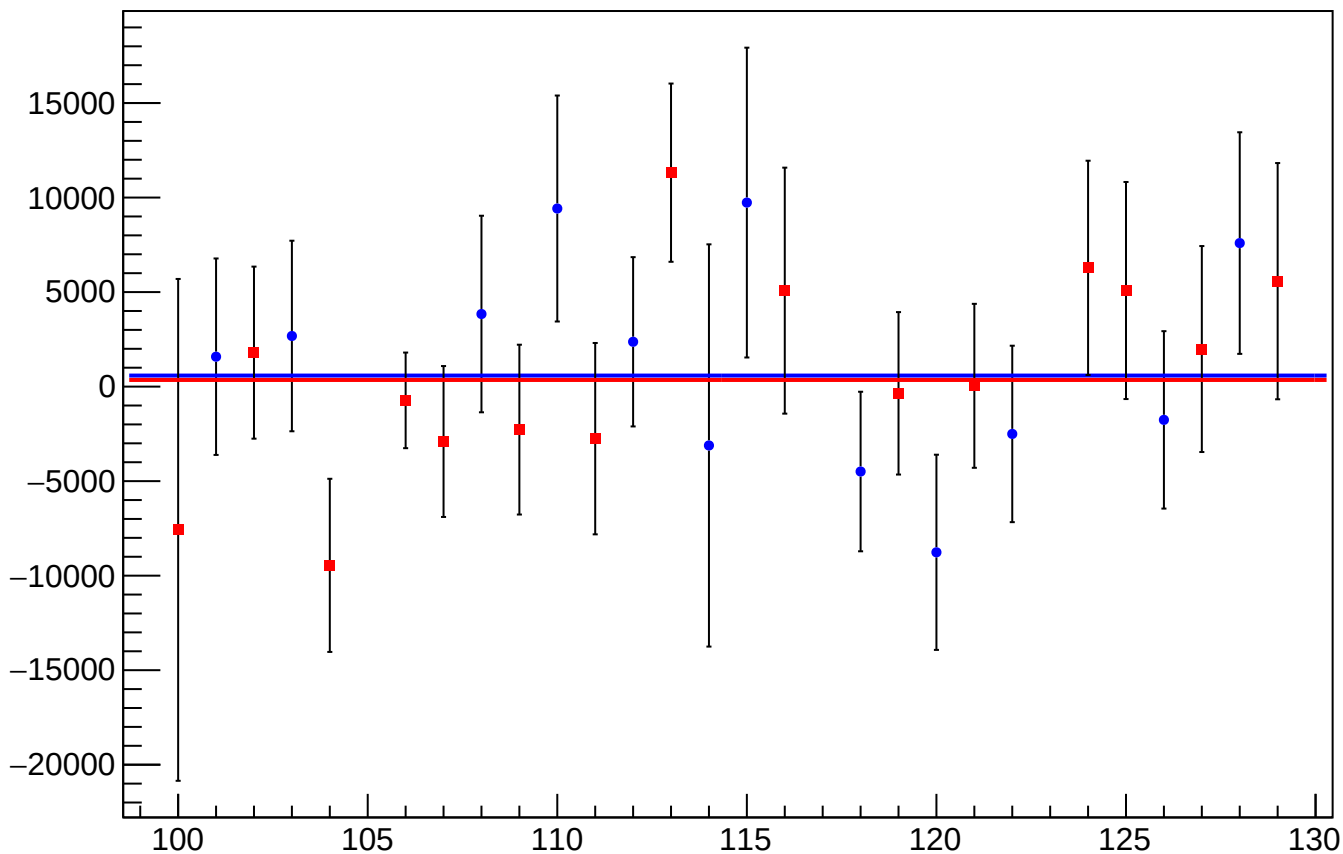
Right: 1289.830+/-0.284 χ^2/NDF : 799105.8/26

In: 1289.696+/-0.419 χ^2/NDF : 496608.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1289.830+/-0.284 χ^2/NDF : 799105.8/26

asym_at1_avg_at2_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 584.056+/-1526.499 χ^2/NDF : 11.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

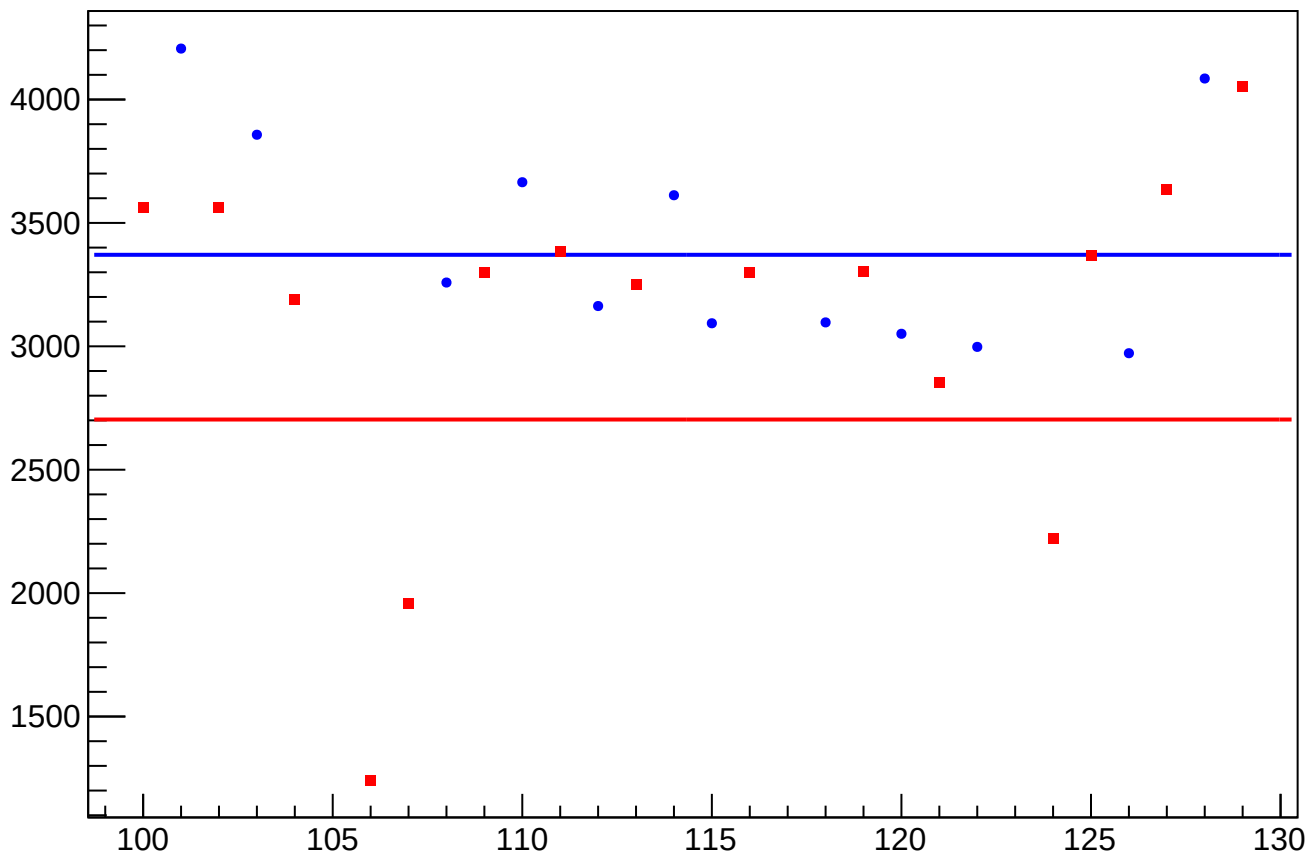
Right: 439.481+/-938.520 χ^2/NDF : 26.3/26

In: 584.056+/-1526.499 χ^2/NDF : 11.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 439.481+/-938.520 χ^2/NDF : 26.3/26

asym_at1_avg_at2_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3370.806+/-1.079 χ^2/NDF : 156799.5/11

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

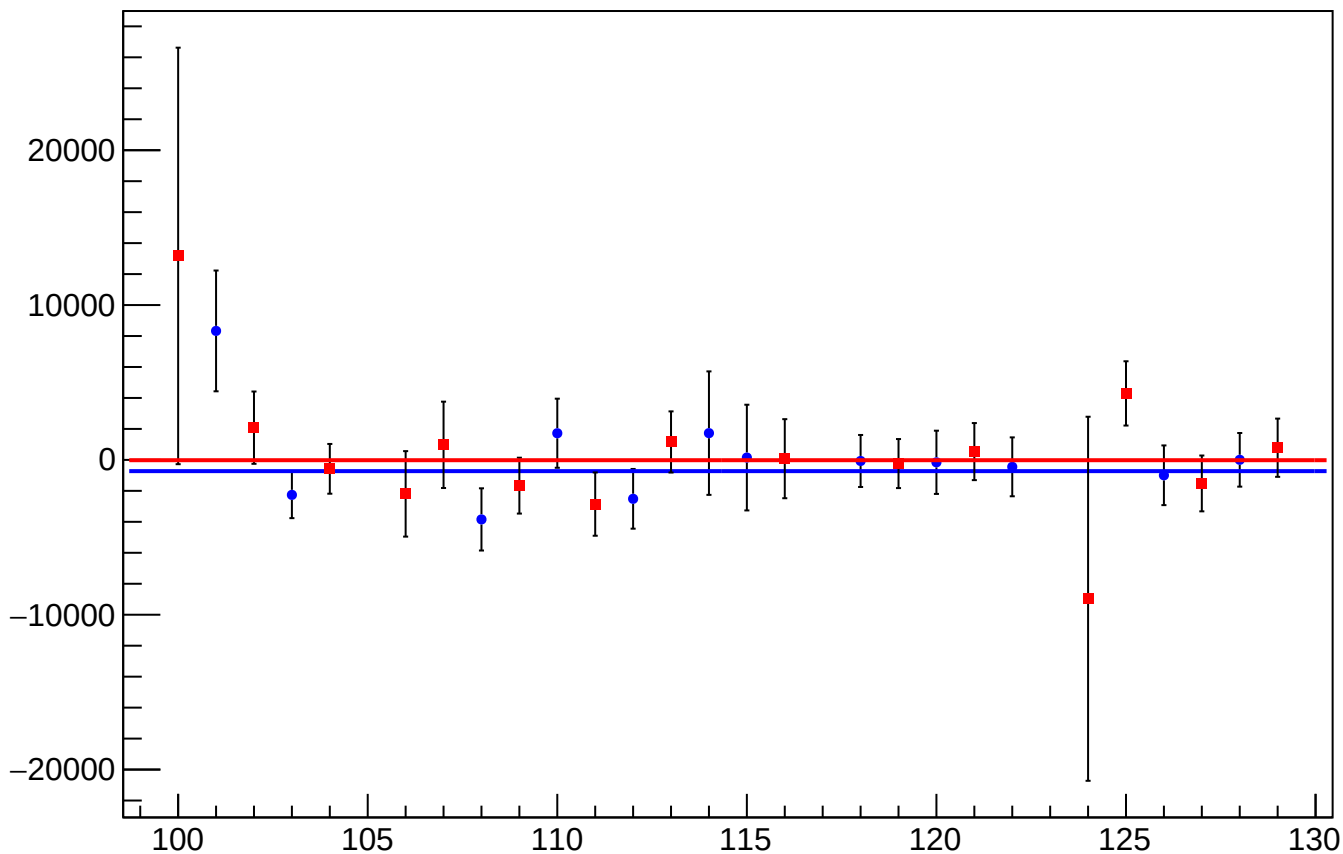
Right: 2955.676+/-0.664 χ^2/NDF : 1583758.7/26

In: 3370.806+/-1.079 χ^2/NDF : 156799.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2955.676+/-0.664 χ^2/NDF : 1583758.7/26

cor_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -726.046+/-592.517 χ^2/NDF : 11.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

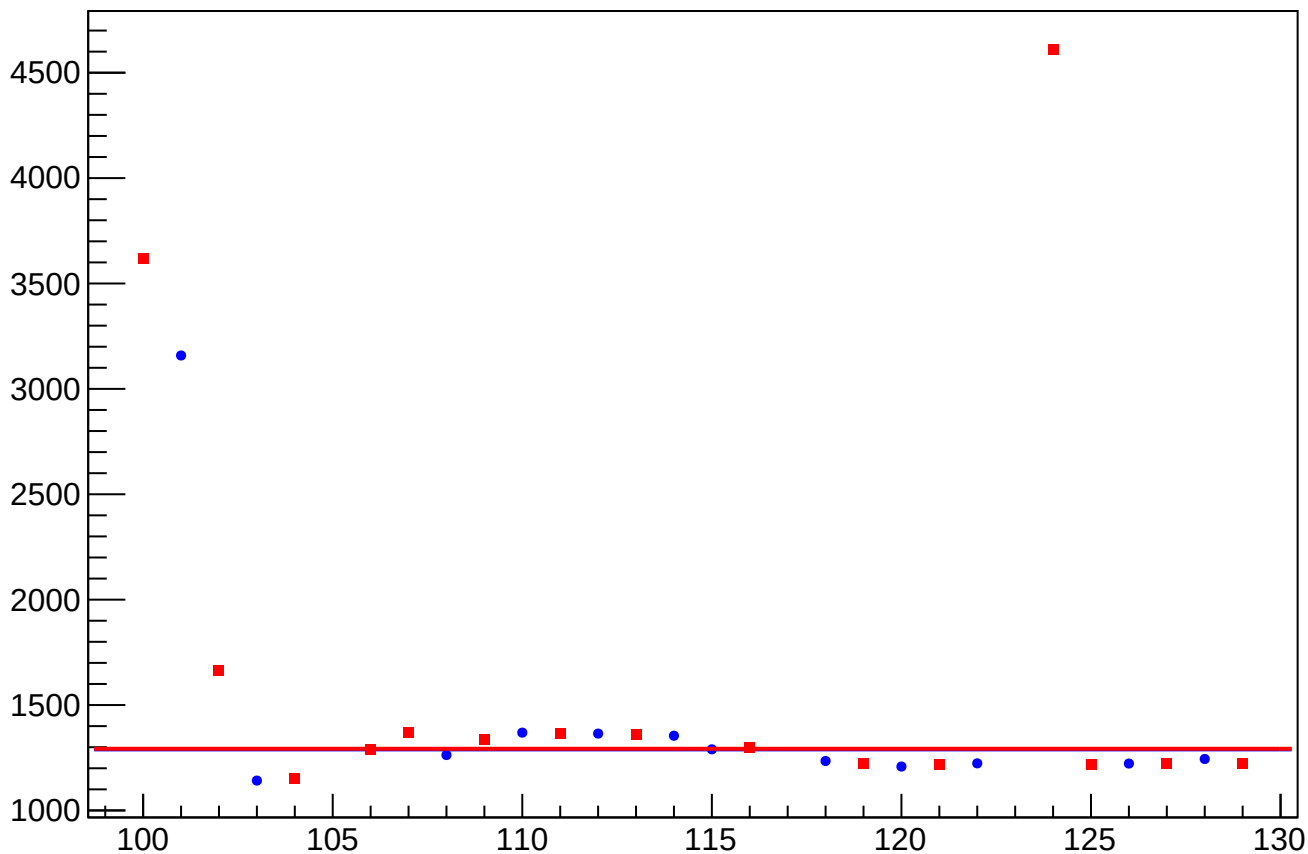
Right: -346.530+/-402.774 χ^2/NDF : 24.2/26

In: -726.046+/-592.517 χ^2/NDF : 11.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -346.530+/-402.774 χ^2/NDF : 24.2/26

cor_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1289.696+/-0.419 χ^2/NDF : 496609.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

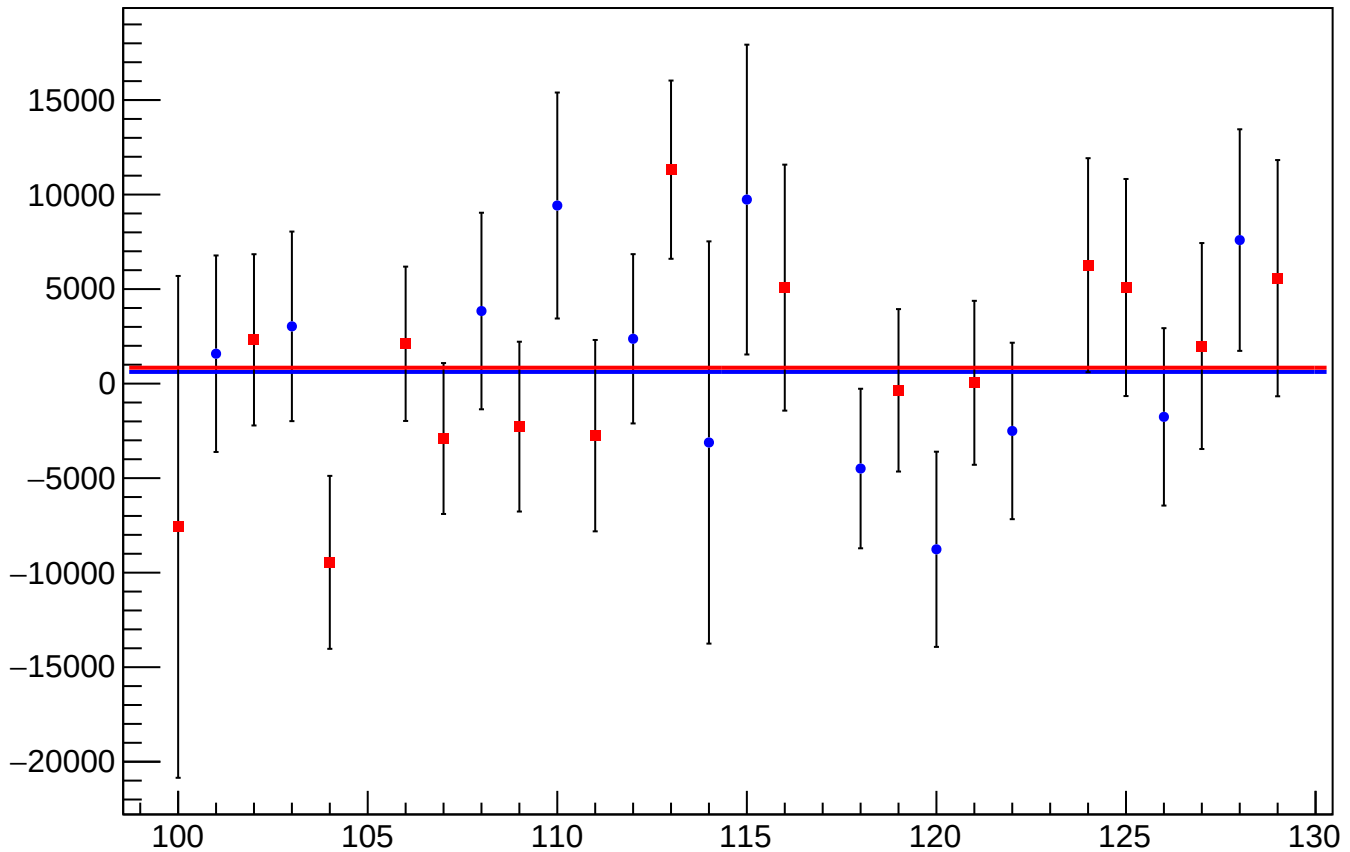
Right: 1291.196+/-0.284 χ^2/NDF : 805951.5/26

In: 1289.696+/-0.419 χ^2/NDF : 496609.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.196+/-0.284 χ^2/NDF : 805951.5/26

asym_at1_avg_at2_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 618.381+/-1525.803 χ^2/NDF : 11.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

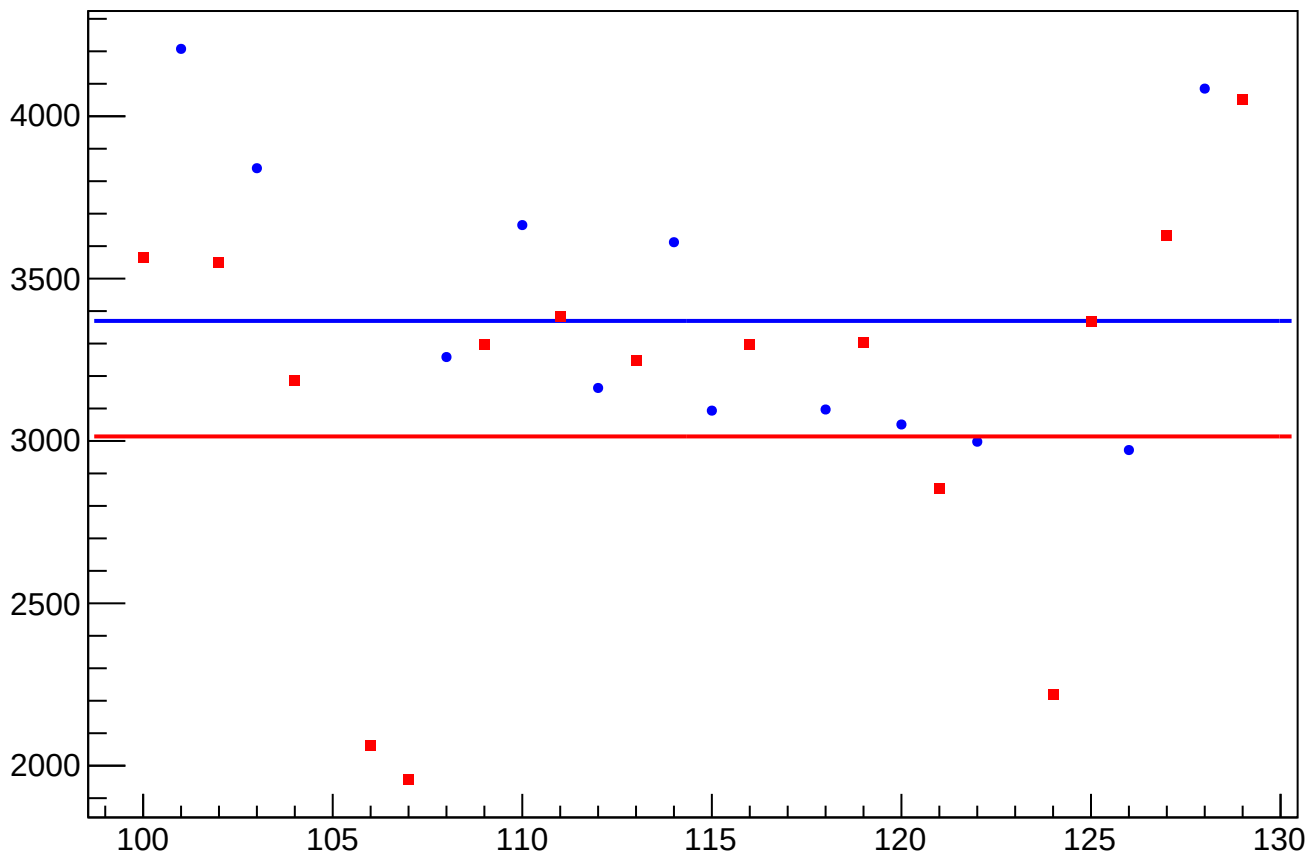
Right: 749.408+/-980.589 χ^2/NDF : 26.3/26

In: 618.381+/-1525.803 χ^2/NDF : 11.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 749.408+/-980.589 χ^2/NDF : 26.3/26

asym_at1_avg_at2_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3369.718+/-1.079 χ^2/NDF : 155787.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

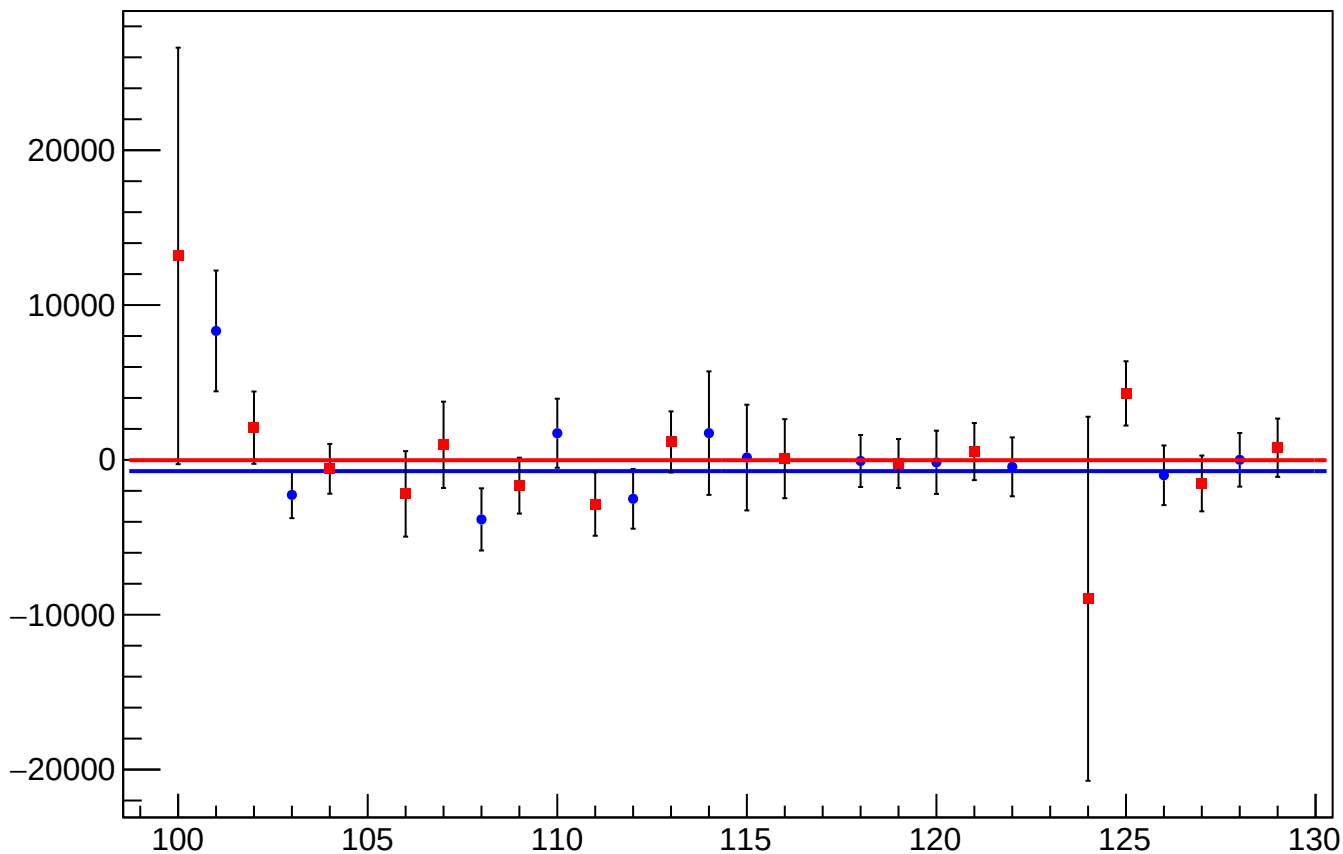
Right: 3160.898+/-0.693 χ^2/NDF : 670614.7/26

In: 3369.718+/-1.079 χ^2/NDF : 155787.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3160.898+/-0.693 χ^2/NDF : 670614.7/26

eigen_cor_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -726.046+/-592.517 χ^2/NDF : 11.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

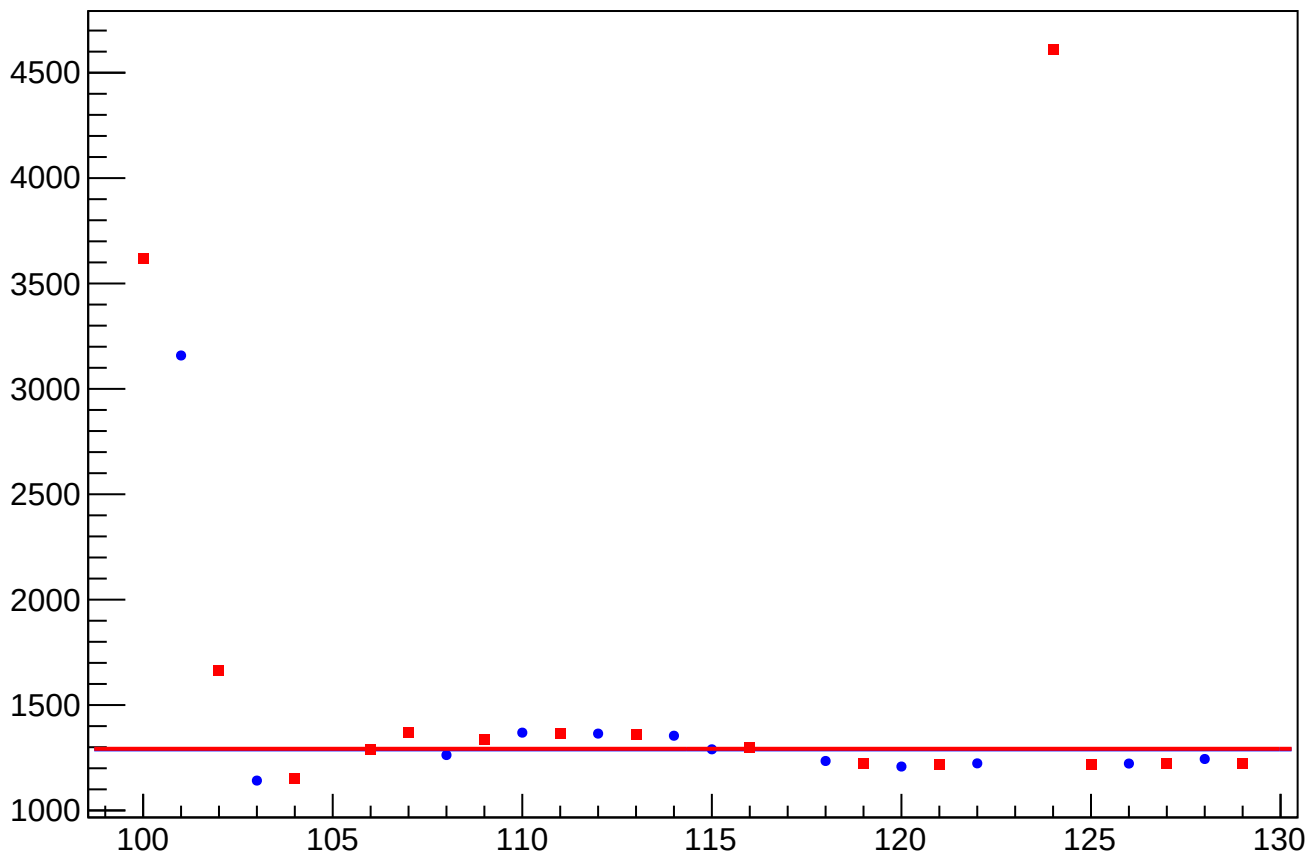
Right: -346.530+/-402.774 χ^2/NDF : 24.2/26

In: -726.046+/-592.517 χ^2/NDF : 11.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -346.530+/-402.774 χ^2/NDF : 24.2/26

eigen_cor_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1289.696+/-0.419 χ^2/NDF : 496609.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

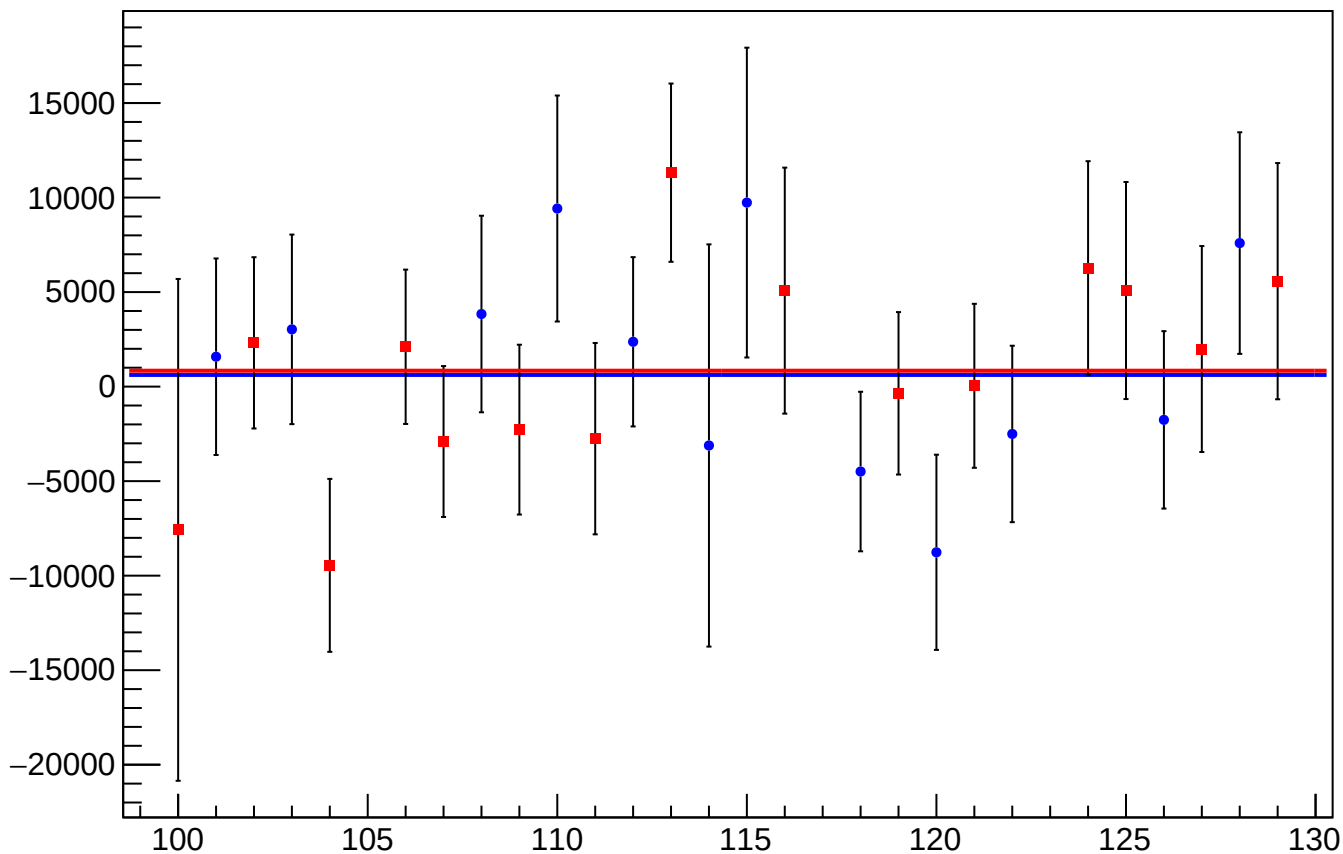
Right: 1291.196+/-0.284 χ^2/NDF : 805951.5/26

In: 1289.696+/-0.419 χ^2/NDF : 496609.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.196+/-0.284 χ^2/NDF : 805951.5/26

asym_at1_avg_at2_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 618.381+/-1525.803 χ^2/NDF : 11.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

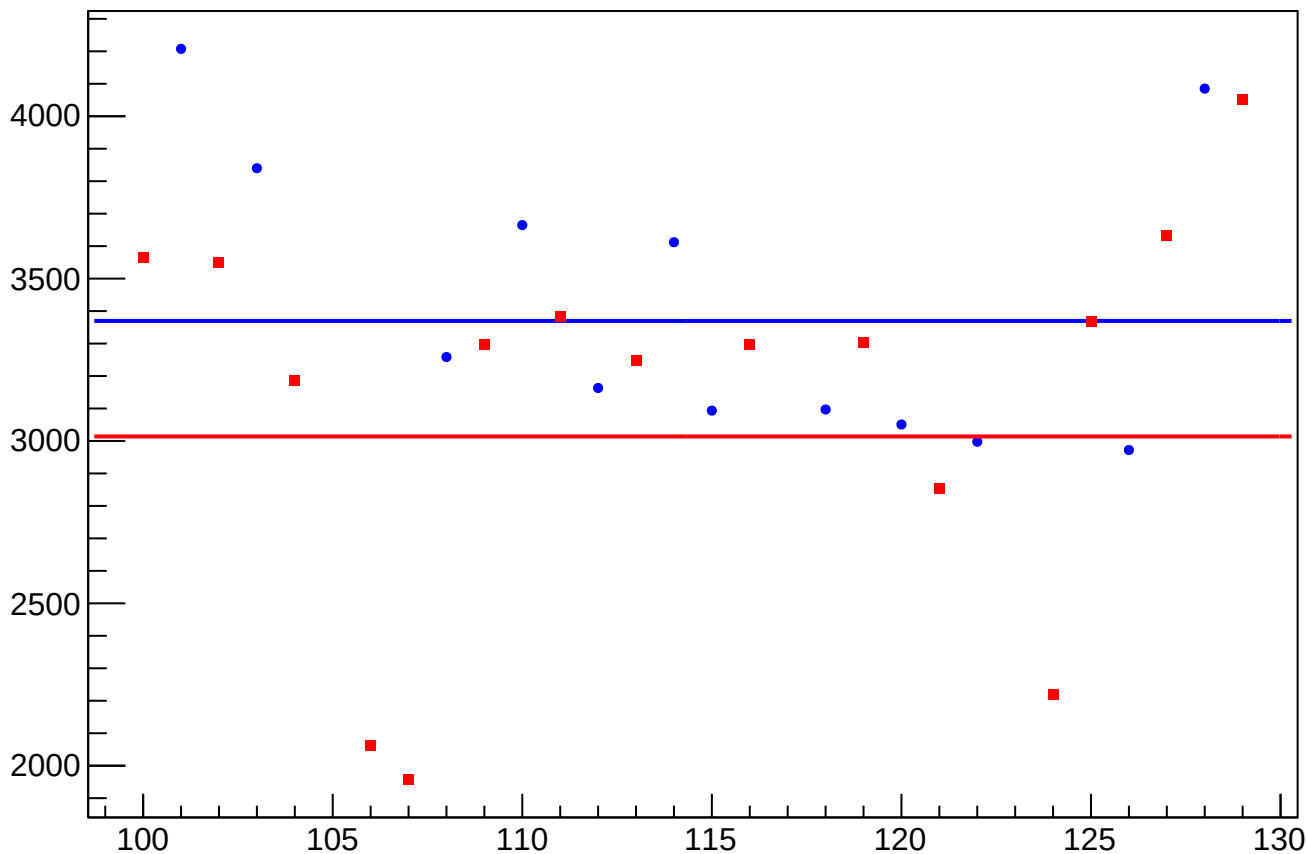
Right: 749.408+/-980.589 χ^2/NDF : 26.3/26

In: 618.381+/-1525.803 χ^2/NDF : 11.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 749.408+/-980.589 χ^2/NDF : 26.3/26

asym_at1_avg_at2_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3369.718+/-1.079 χ^2/NDF : 155787.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

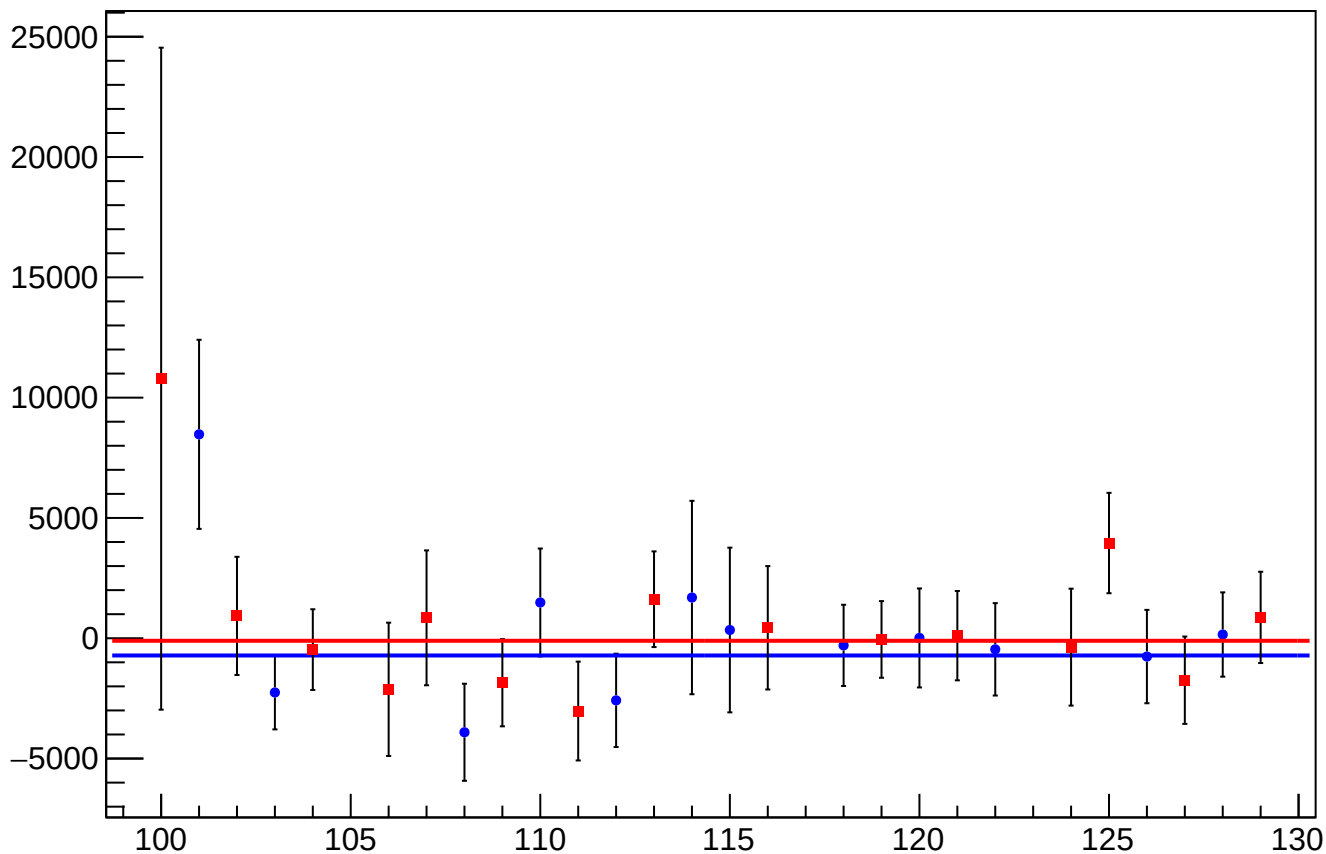
Right: 3160.898+/-0.693 χ^2/NDF : 670614.7/26

In: 3369.718+/-1.079 χ^2/NDF : 155787.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3160.898+/-0.693 χ^2/NDF : 670614.7/26

dit_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -716.054+/-597.908 χ^2/NDF : 11.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

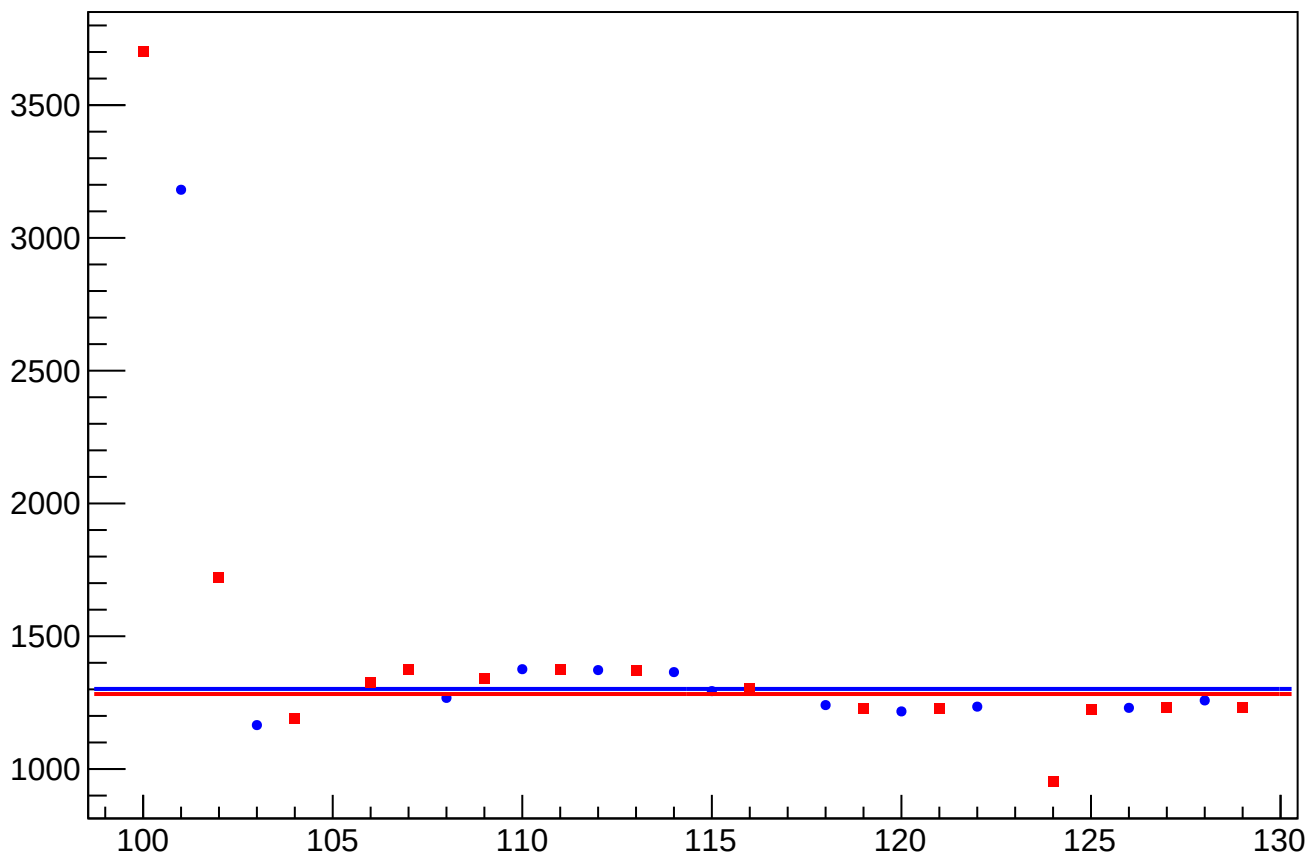
Right: -381.247+/-401.836 χ^2/NDF : 22.5/26

In: -716.054+/-597.908 χ^2/NDF : 11.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -381.247+/-401.836 χ^2/NDF : 22.5/26

dit_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1301.611+/-0.423 χ^2/NDF : 491730.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

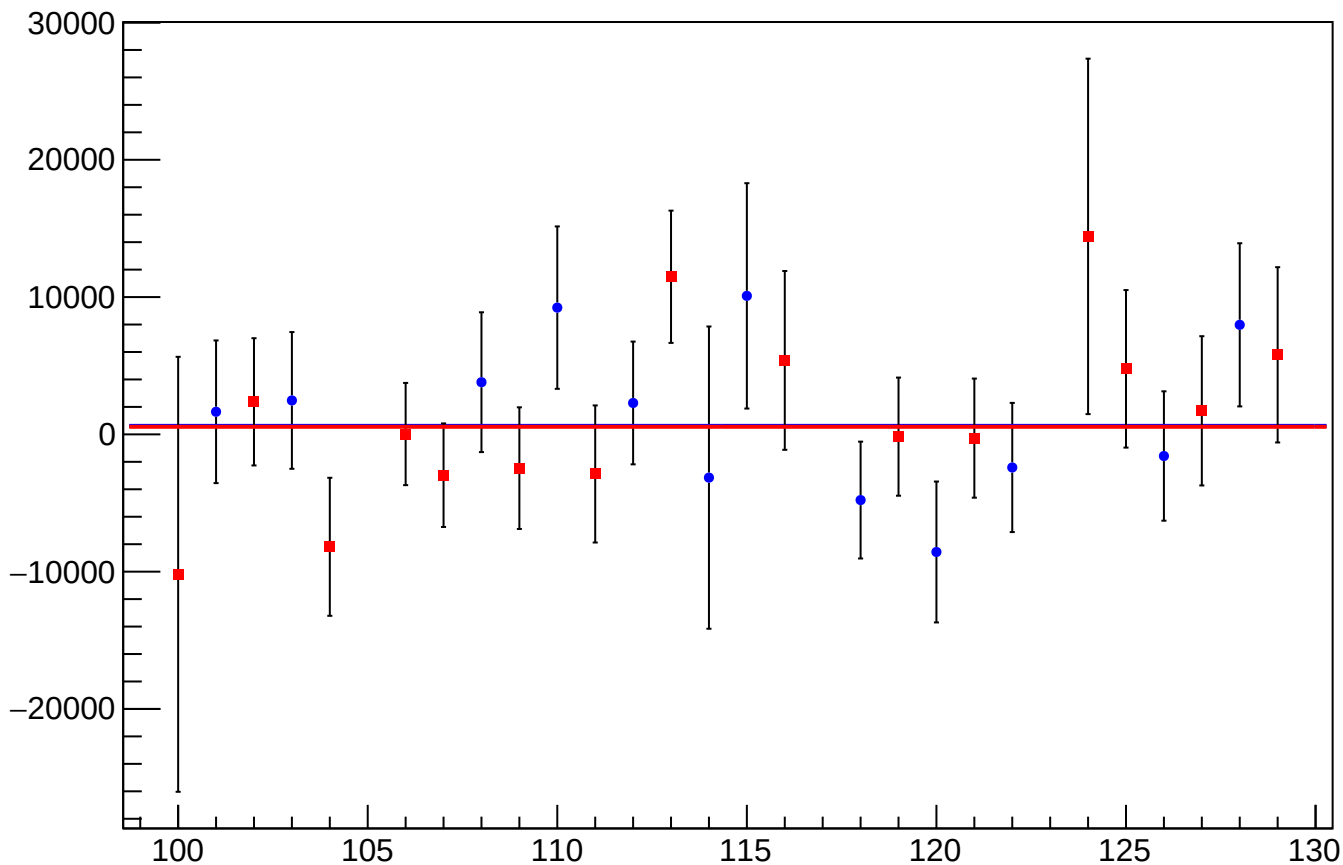
Right: 1291.095+/-0.284 χ^2/NDF : 682803.0/26

In: 1301.611+/-0.423 χ^2/NDF : 491730.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.095+/-0.284 χ^2/NDF : 682803.0/26

asym_at1_avg_at2_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 618.582+/-1526.108 χ^2/NDF : 11.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

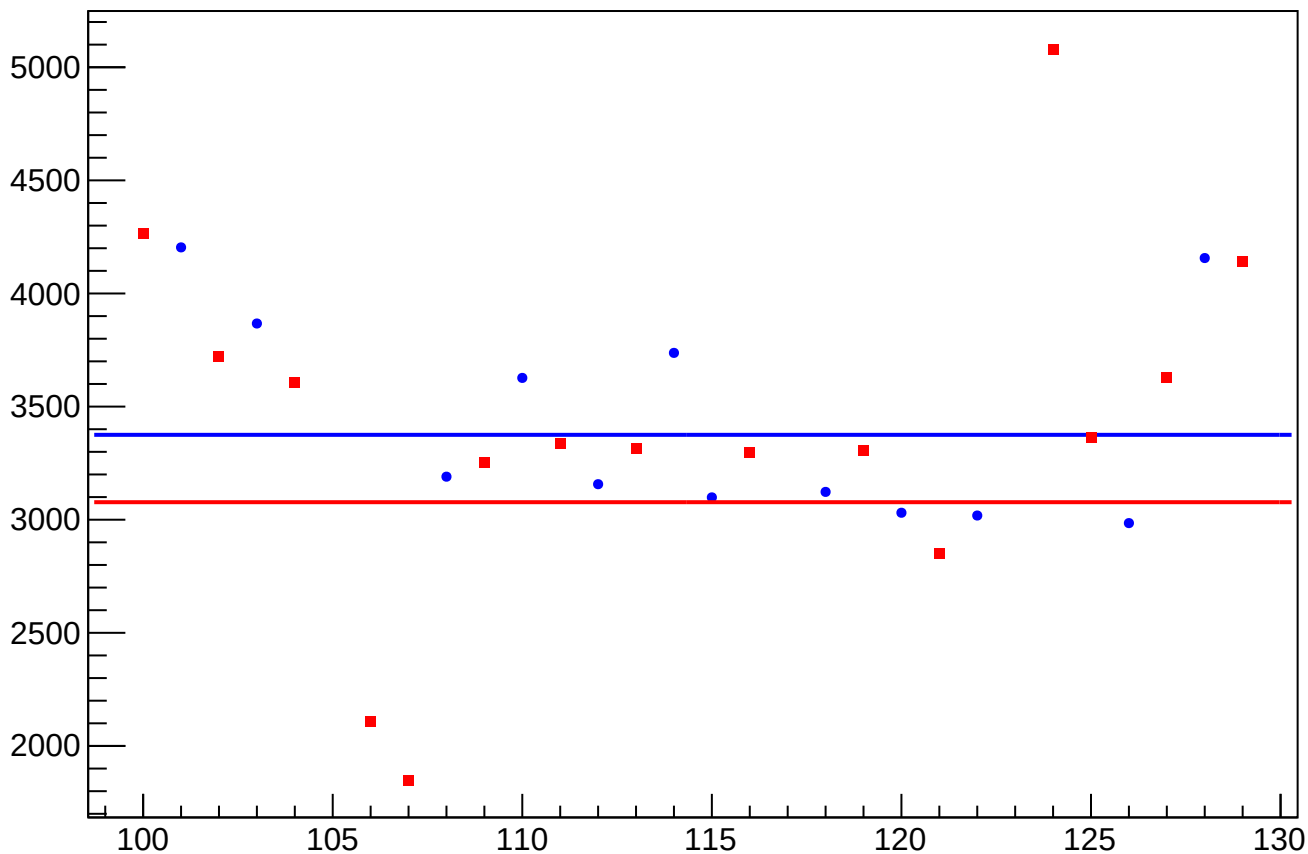
Right: 579.797+/-989.364 χ^2/NDF : 24.9/26

In: 618.582+/-1526.108 χ^2/NDF : 11.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 579.797+/-989.364 χ^2/NDF : 24.9/26

asym_at1_avg_at2_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3375.180+/-1.079 χ^2/NDF : 161671.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

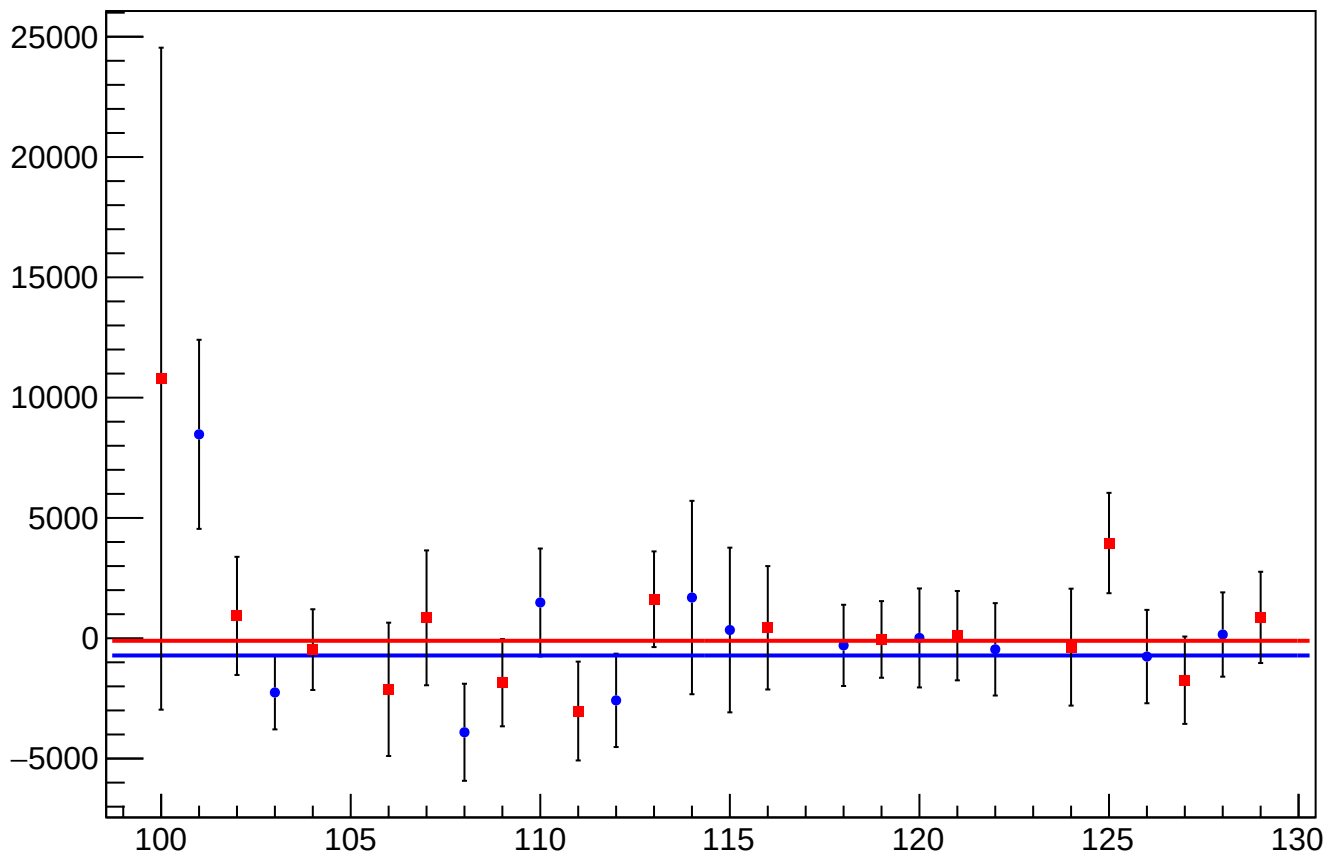
Right: 3202.570+/-0.700 χ^2/NDF : 781409.4/26

In: 3375.180+/-1.079 χ^2/NDF : 161671.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3202.570+/-0.700 χ^2/NDF : 781409.4/26

eigen_dit_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -716.060+/-597.908 χ^2 /NDF: 11.8/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -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

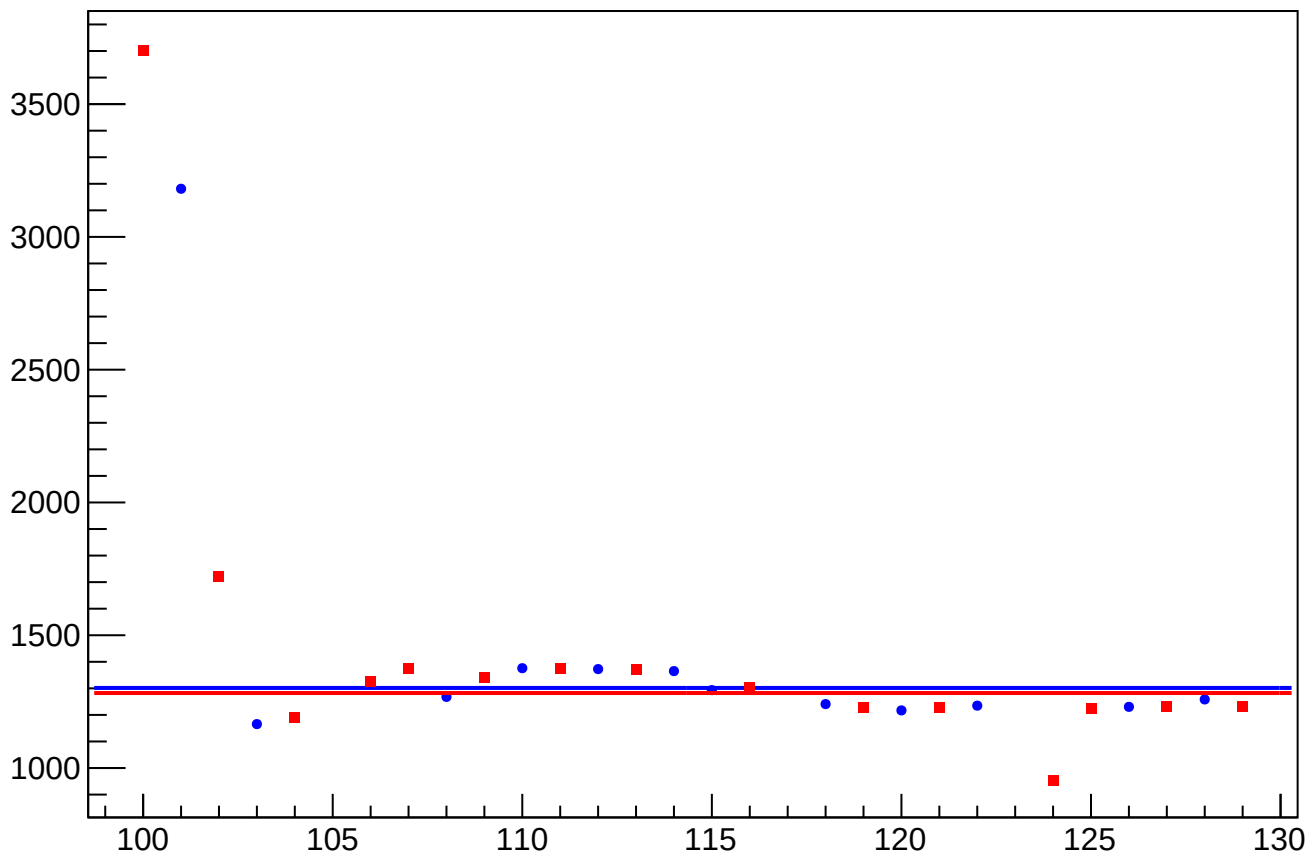
Right: -381.254+/-401.836 χ^2 /NDF: 22.5/26

In: -716.060+/-597.908 χ^2 /NDF: 11.8/11

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -381.254+/-401.836 χ^2 /NDF: 22.5/26

eigen_dit_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1301.611+/-0.423 χ^2/NDF : 491730.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

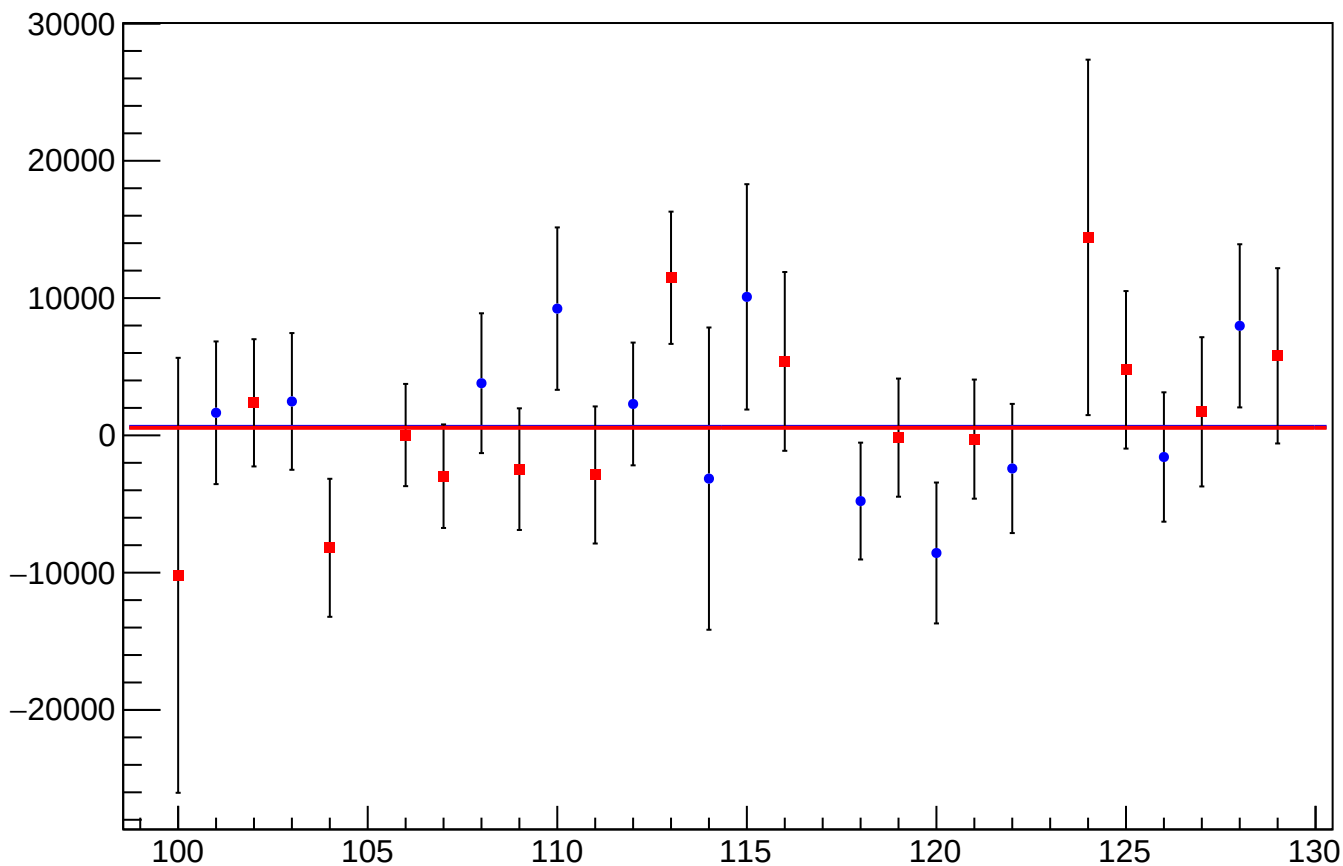
Right: 1291.095+/-0.284 χ^2/NDF : 682803.2/26

In: 1301.611+/-0.423 χ^2/NDF : 491730.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.095+/-0.284 χ^2/NDF : 682803.2/26

asym_at1_avg_at2_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 618.574+/-1526.103 χ^2/NDF : 11.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

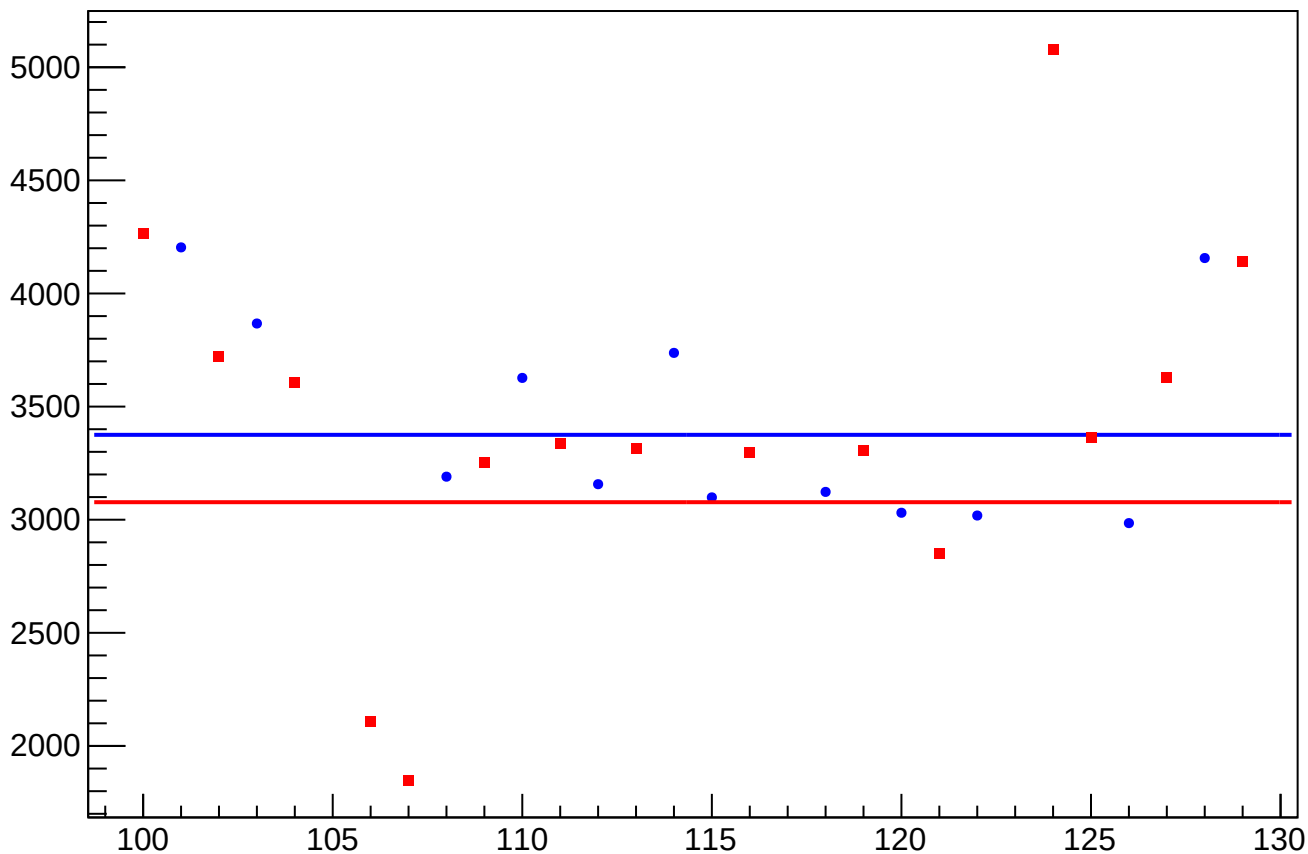
Right: 579.791+/-989.361 χ^2/NDF : 24.9/26

In: 618.574+/-1526.103 χ^2/NDF : 11.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 579.791+/-989.361 χ^2/NDF : 24.9/26

asym_at1_avg_at2_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3375.169+/-1.079 χ^2/NDF : 161674.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

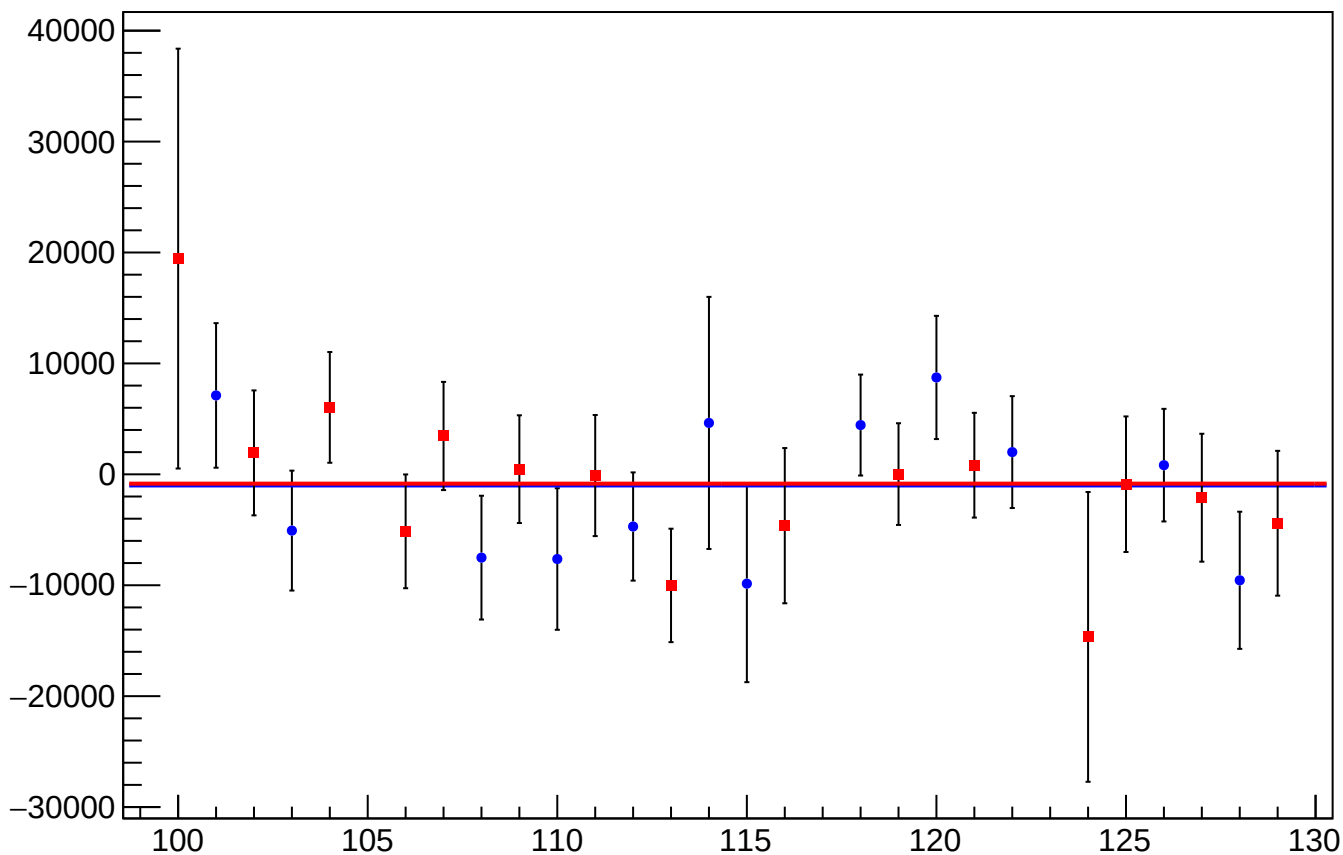
Right: 3202.560+/-0.700 χ^2/NDF : 781412.5/26

In: 3375.169+/-1.079 χ^2/NDF : 161674.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3202.560+/-0.700 χ^2/NDF : 781412.5/26

asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -1002.920+/-1662.422 χ^2/NDF : 13.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

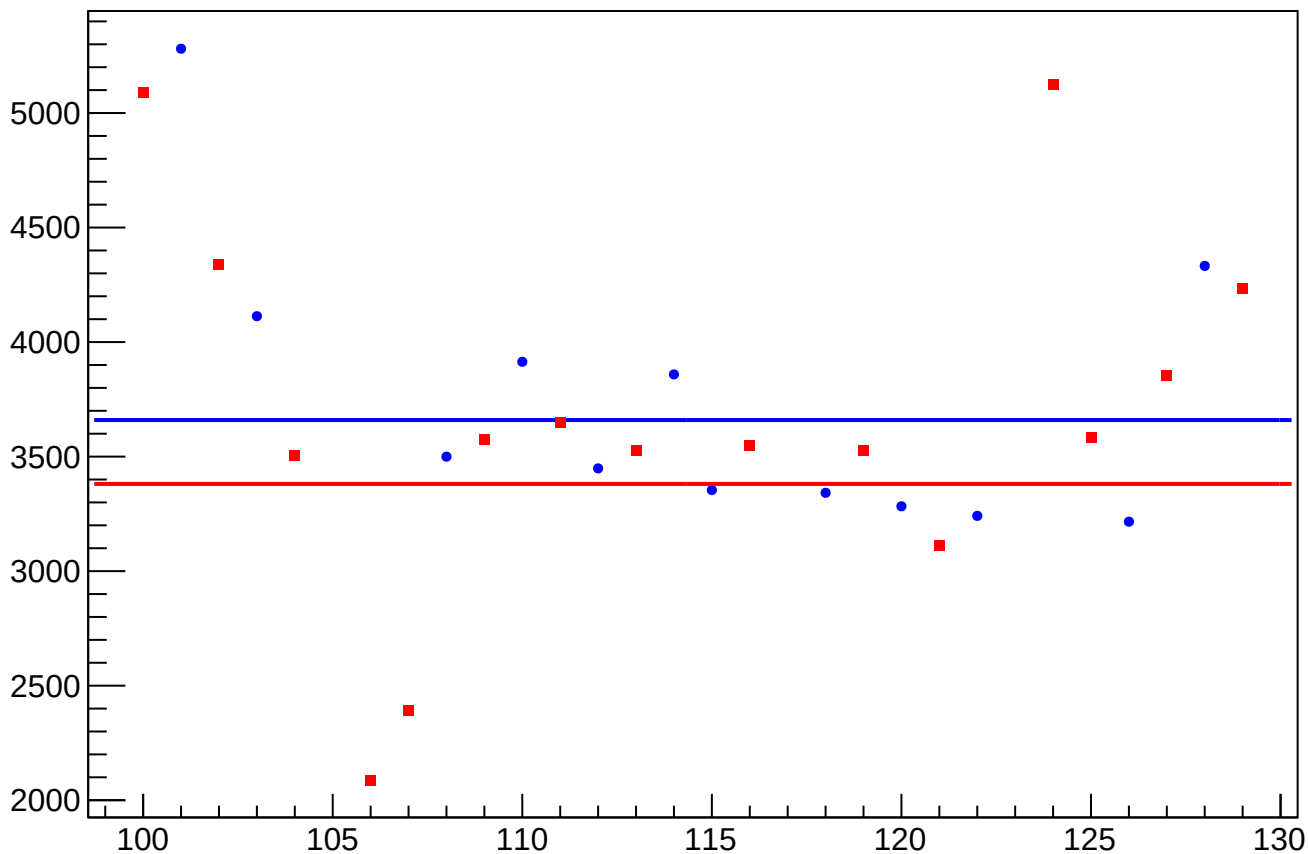
Right: -911.131+/-1097.972 χ^2/NDF : 23.3/26

In: -1002.920+/-1662.422 χ^2/NDF : 13.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -911.131+/-1097.972 χ^2/NDF : 23.3/26

asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 3659.613+/-1.175 χ^2/NDF : 220965.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

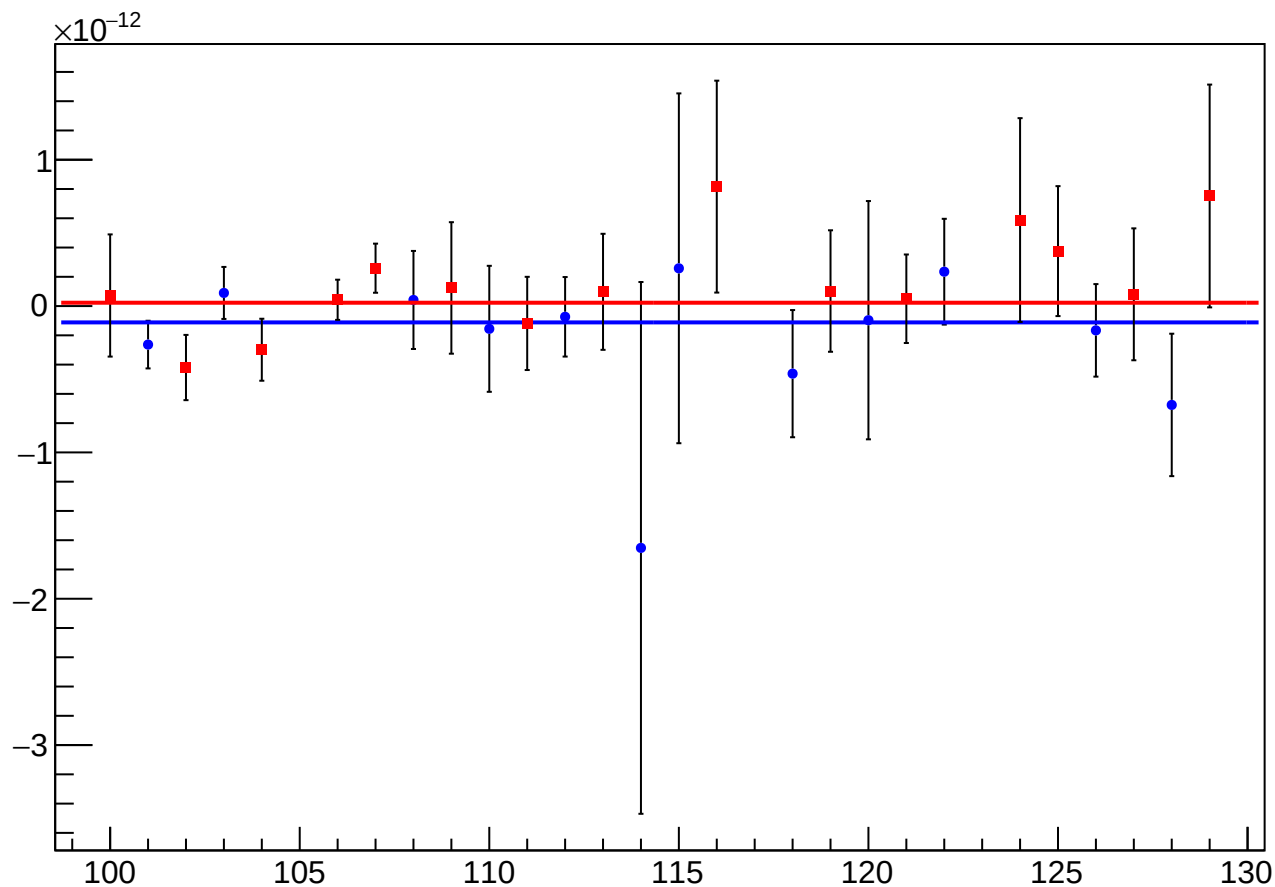
Right: 3500.182+/-0.769 χ^2/NDF : 694561.6/26

In: 3659.613+/-1.175 χ^2/NDF : 220965.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3500.182+/-0.769 χ^2/NDF : 694561.6/26

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.1/11

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

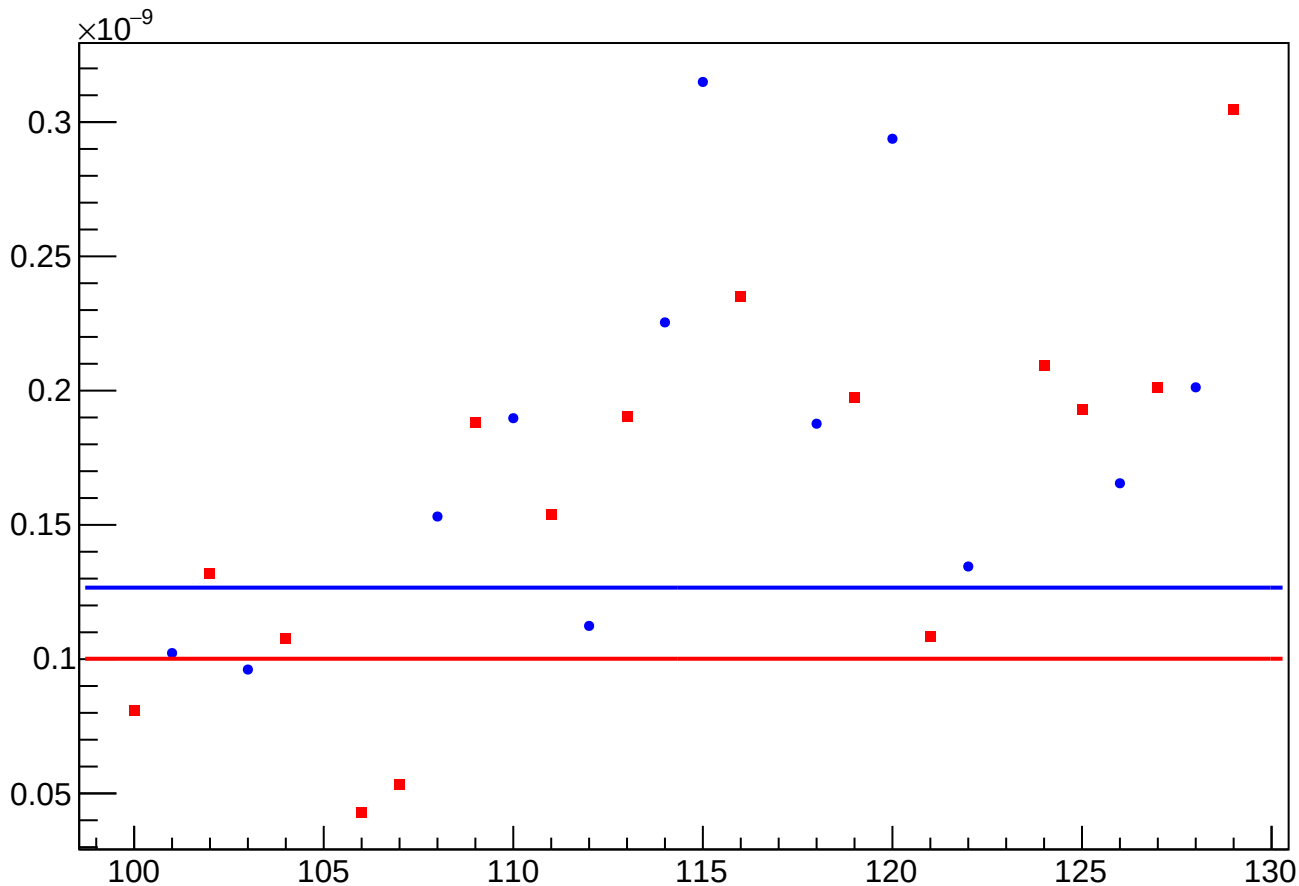
Right: -0.000+/-0.000 χ^2/NDF : 19.5/26

In: -0.000+/-0.000 χ^2/NDF :6.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.5/26

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 422104.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

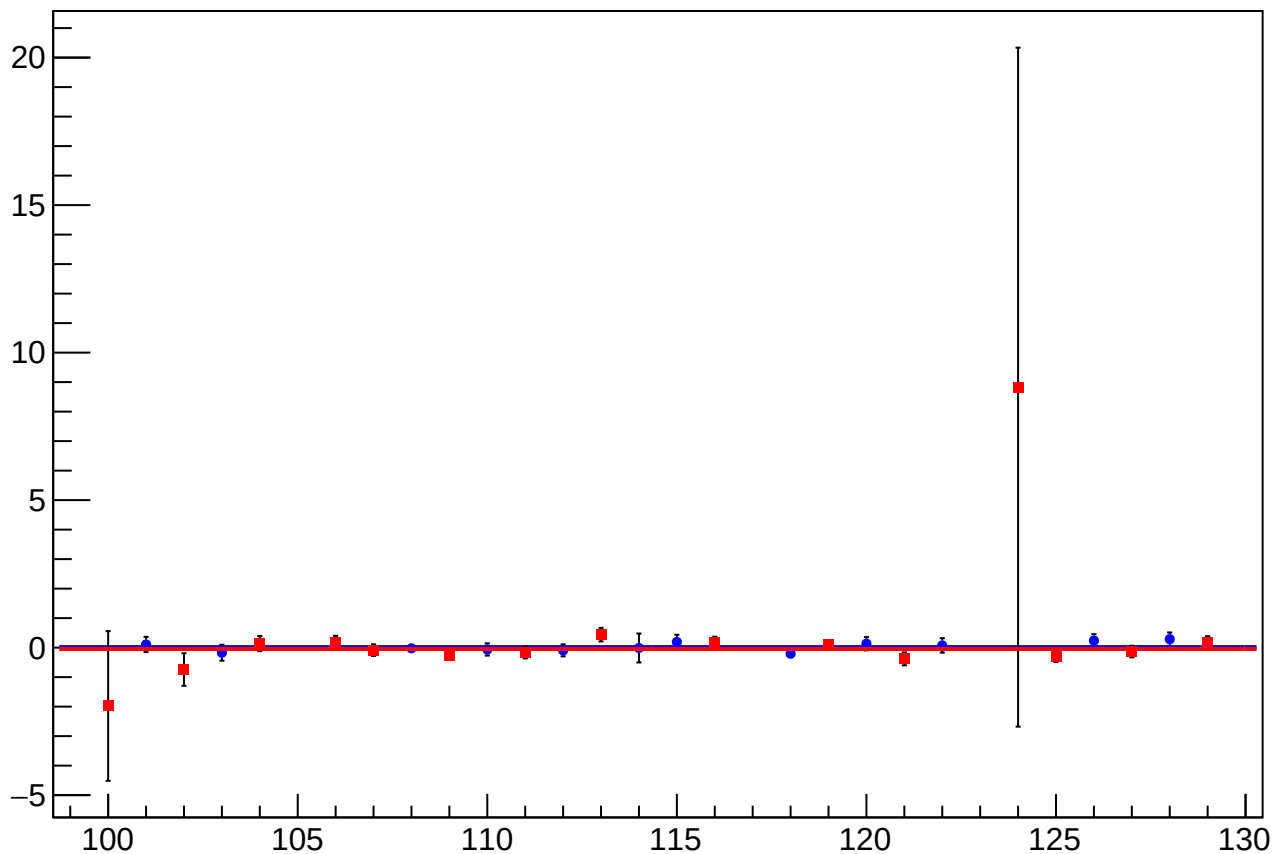
Right: 0.000+/-0.000 χ^2/NDF : 1878712.5/26

In: 0.000+/-0.000 χ^2/NDF : 422104.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1878712.5/26

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.063 χ^2/NDF : 6.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.047+/-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

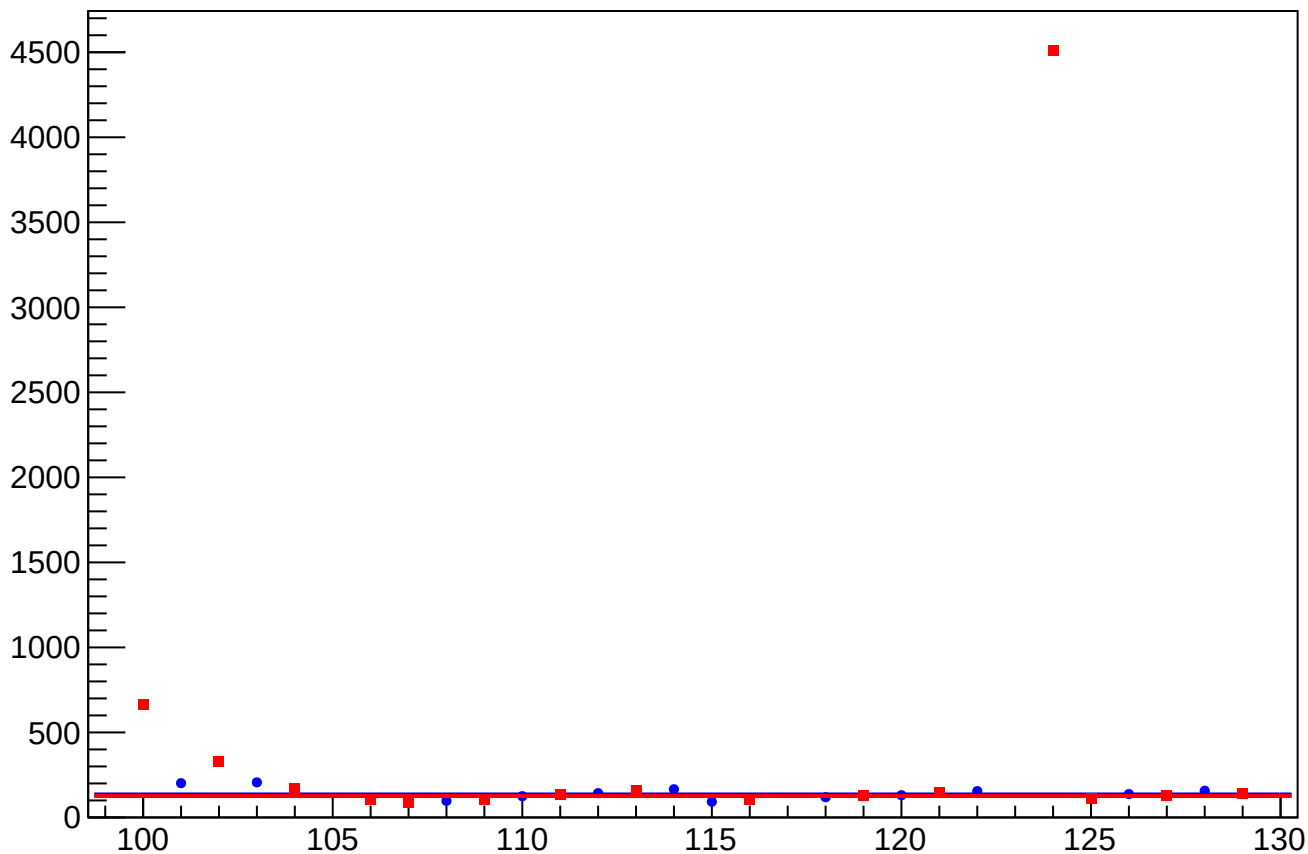
Right: -0.018+/-0.042 χ^2/NDF : 24.8/26

In: 0.018+/-0.063 χ^2/NDF : 6.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.018+/-0.042 χ^2/NDF : 24.8/26

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 135.116+/-0.045 χ^2/NDF : 507194.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

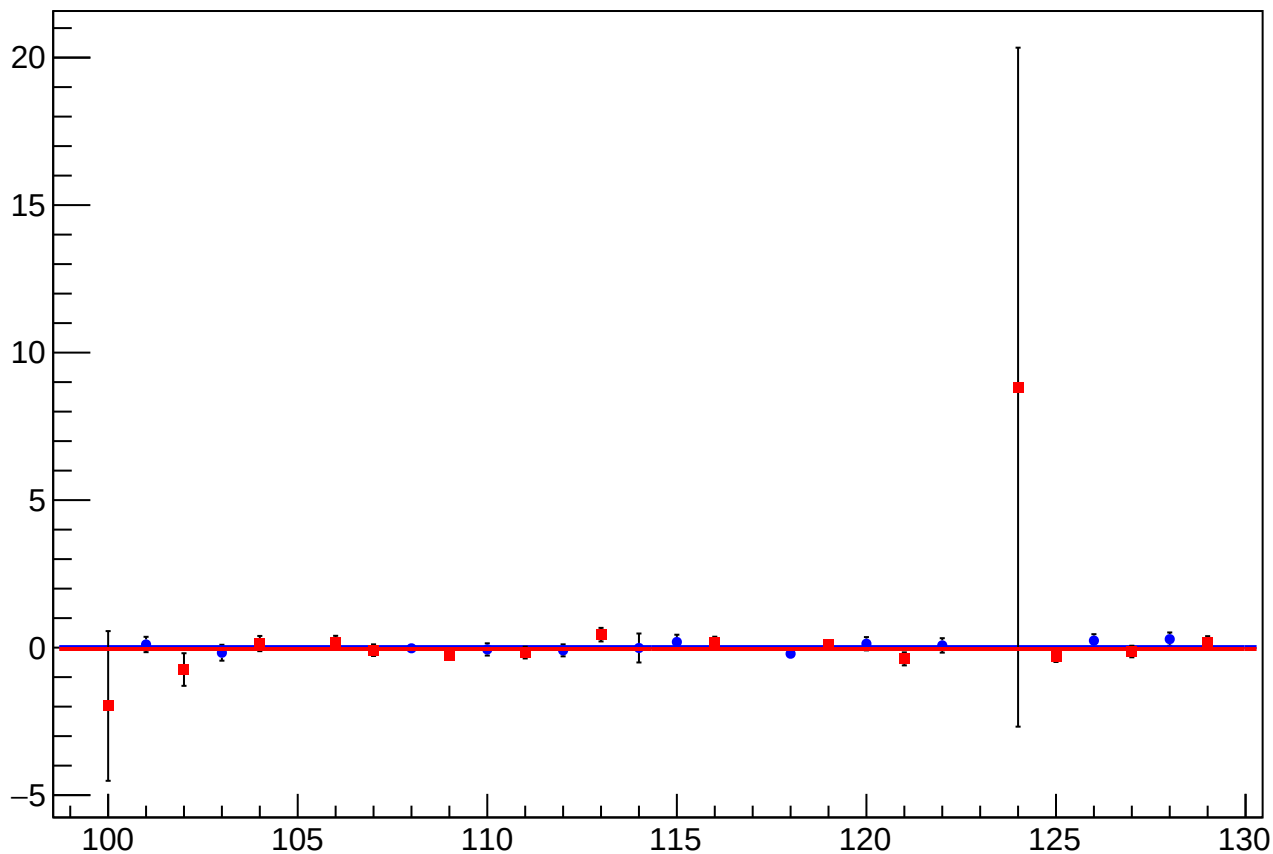
Right: 130.107+/-0.030 χ^2/NDF : 1451519.6/26

In: 135.116+/-0.045 χ^2/NDF : 507194.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.107+/-0.030 χ^2/NDF : 1451519.6/26

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.063 χ^2/NDF : 6.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.047+/-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

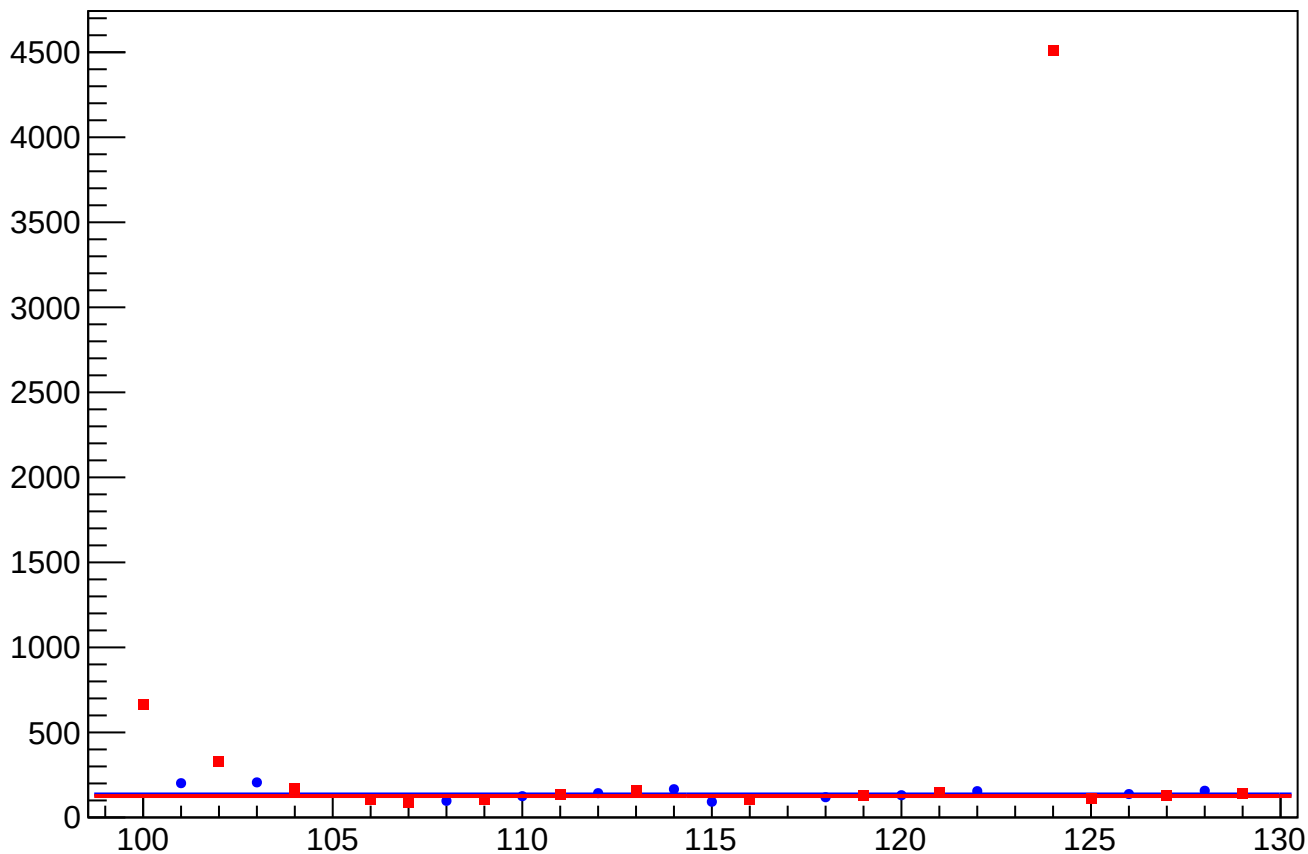
Right: -0.018+/-0.042 χ^2/NDF : 24.8/26

In: 0.018+/-0.063 χ^2/NDF : 6.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.018+/-0.042 χ^2/NDF : 24.8/26

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 135.116+/-0.045 χ^2/NDF : 507194.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

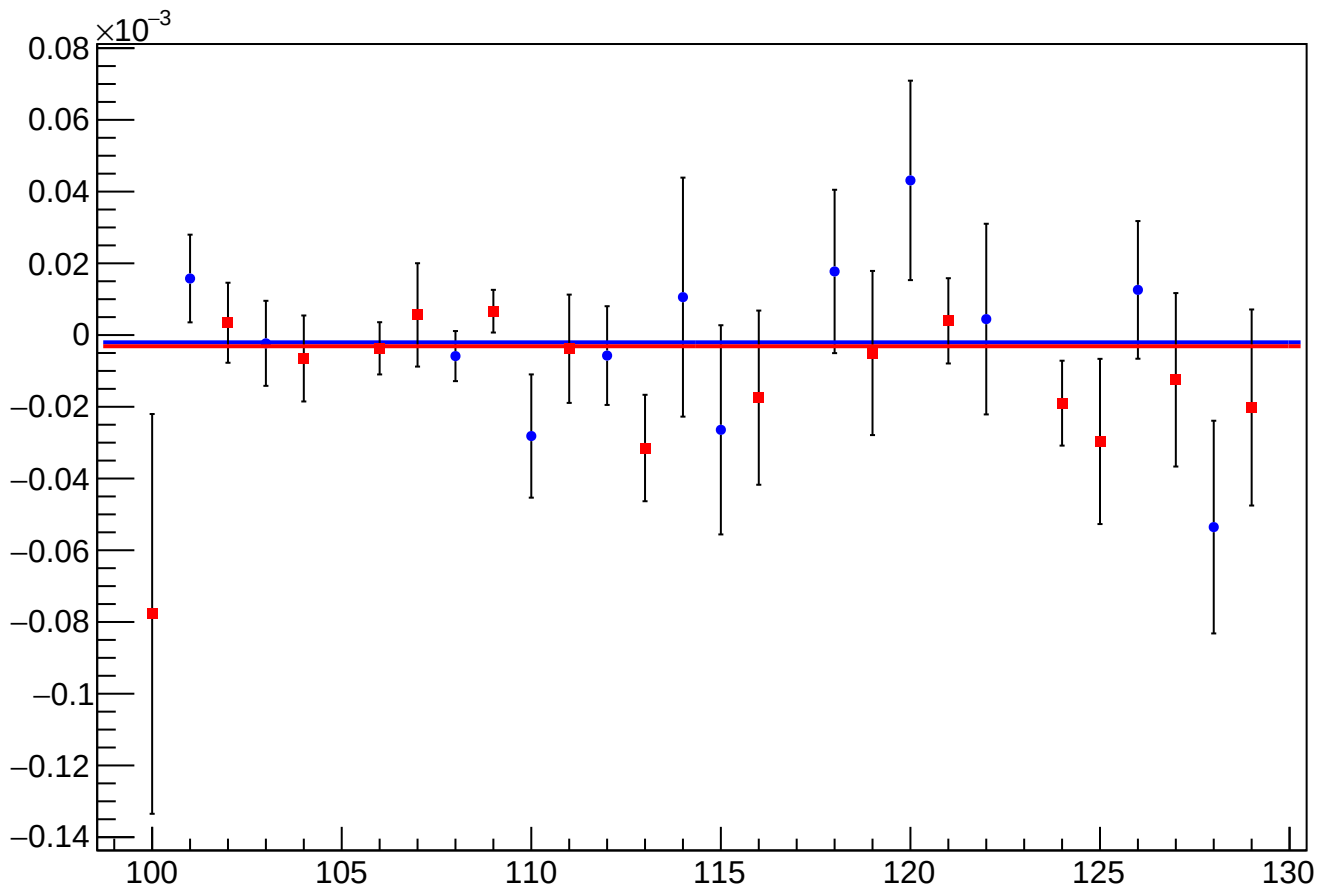
Right: 130.107+/-0.030 χ^2/NDF : 1451519.6/26

In: 135.116+/-0.045 χ^2/NDF : 507194.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.107+/-0.030 χ^2/NDF : 1451519.6/26

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 : 12.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

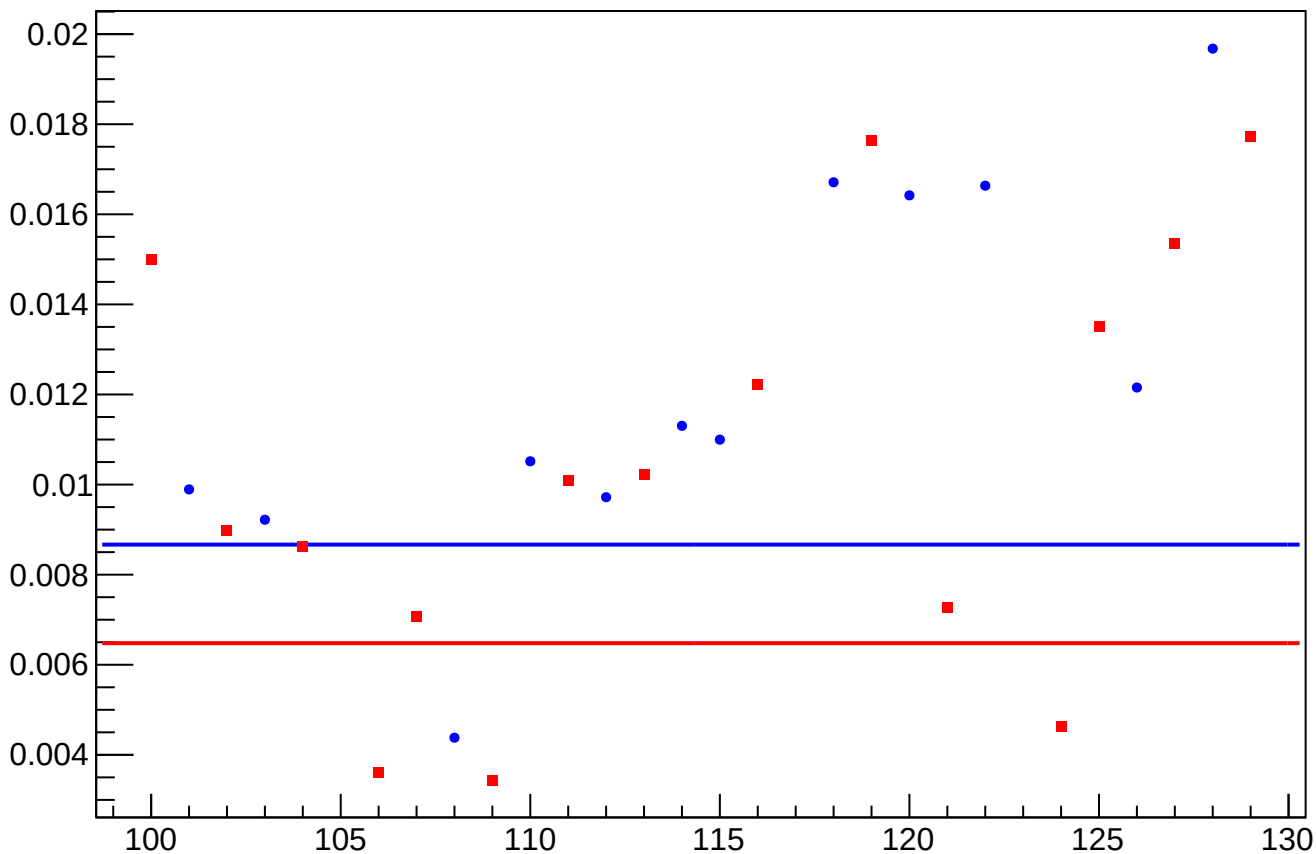
Right: -0.000+/-0.000 χ^2/NDF : 26.1/26

In: -0.000+/-0.000 χ^2/NDF : 12.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.1/26

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 : 1764471.4/11

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

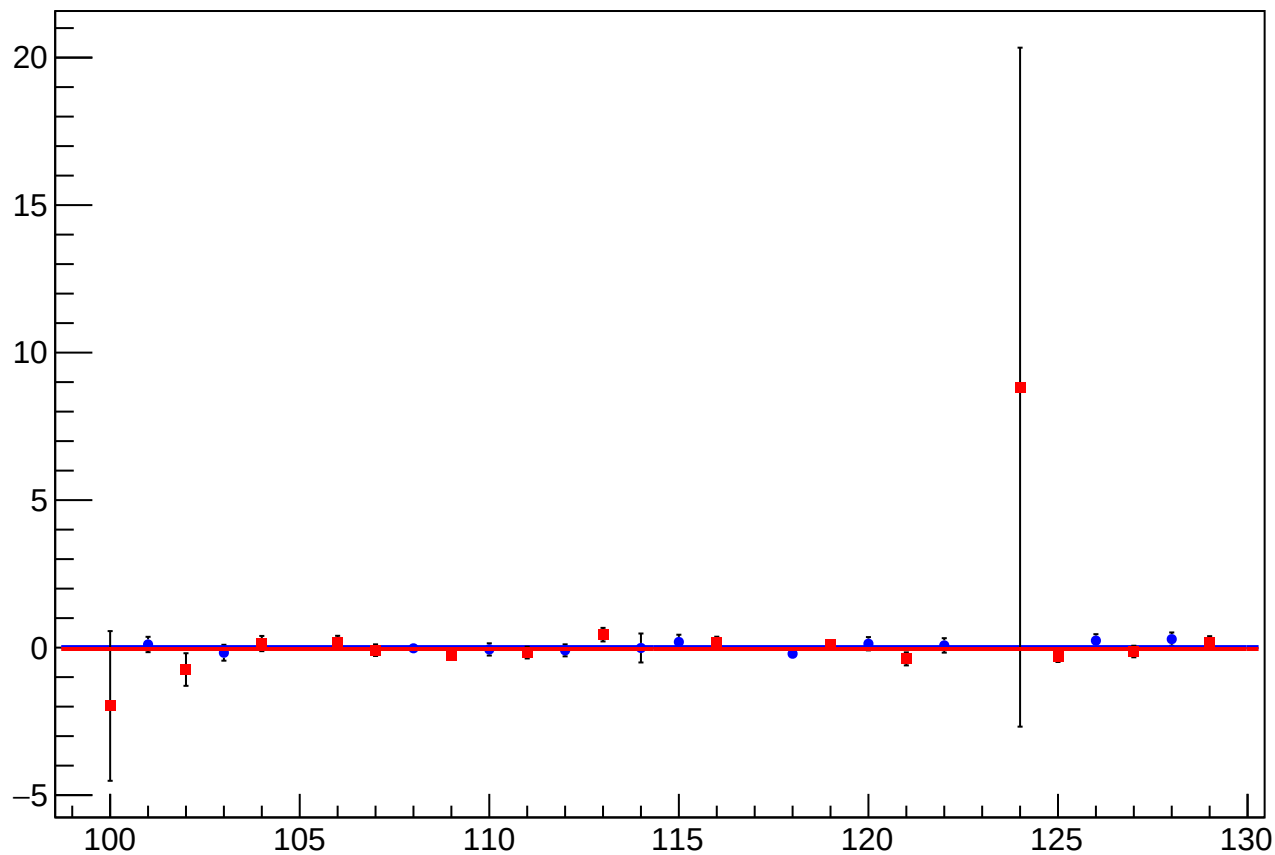
Right: 0.007+/-0.000 χ^2/NDF : 4826648.4/26

In: 0.009+/-0.000 χ^2/NDF : 1764471.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 4826648.4/26

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.063 χ^2/NDF : 6.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.047+/-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

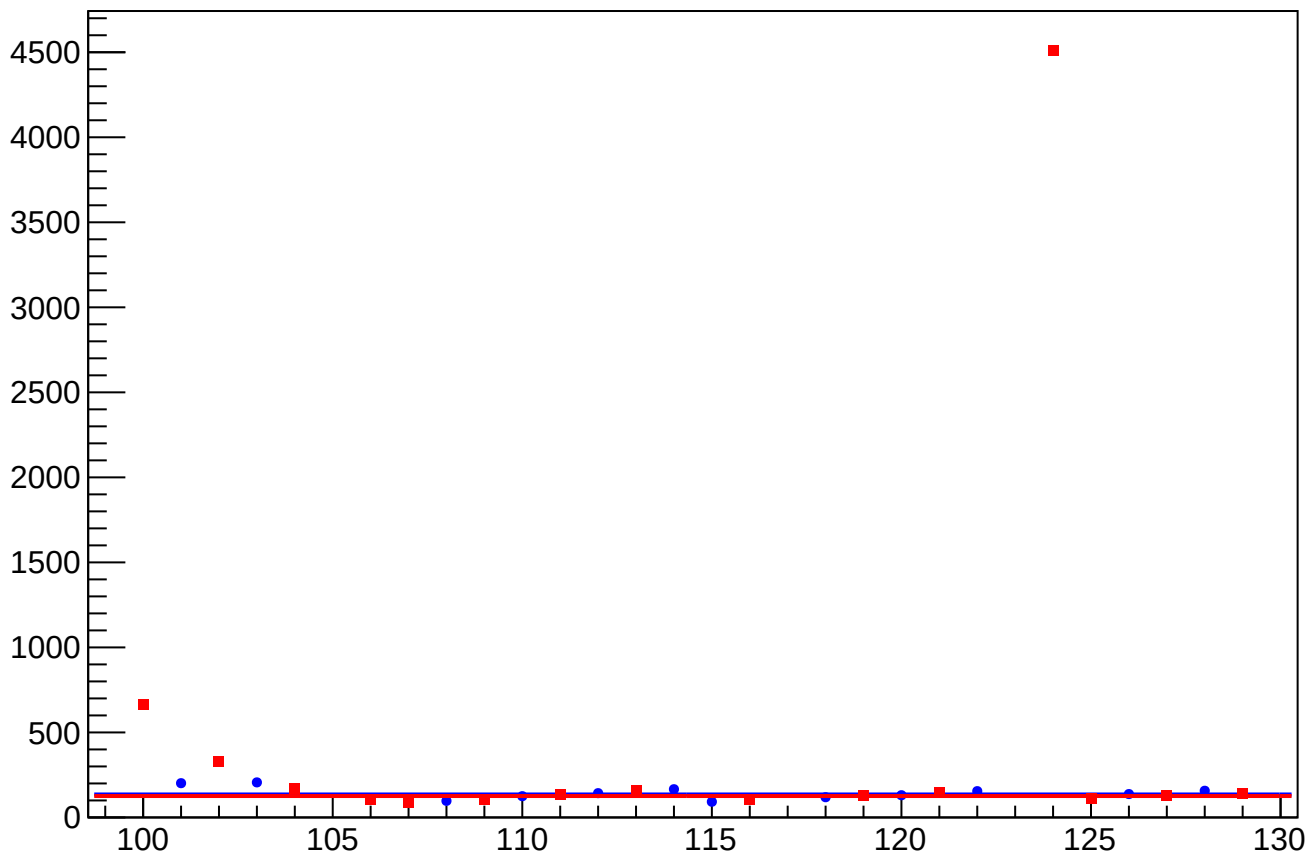
Right: -0.018+/-0.042 χ^2/NDF : 24.8/26

In: 0.018+/-0.063 χ^2/NDF : 6.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.018+/-0.042 χ^2/NDF : 24.8/26

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 135.117+/-0.045 χ^2/NDF : 507157.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

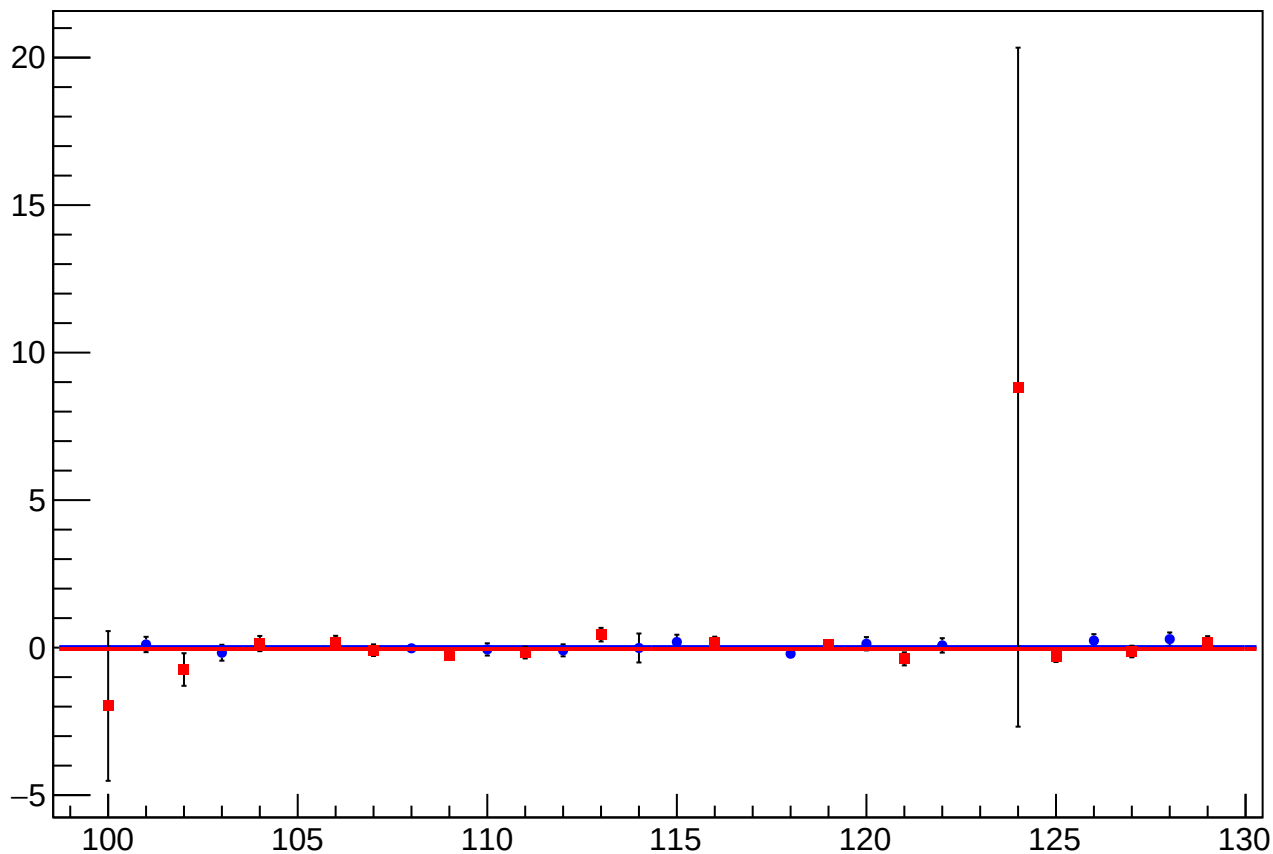
Right: 130.108+/-0.030 χ^2/NDF : 1451411.4/26

In: 135.117+/-0.045 χ^2/NDF : 507157.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.108+/-0.030 χ^2/NDF : 1451411.4/26

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.063 χ^2/NDF : 6.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.047+/-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

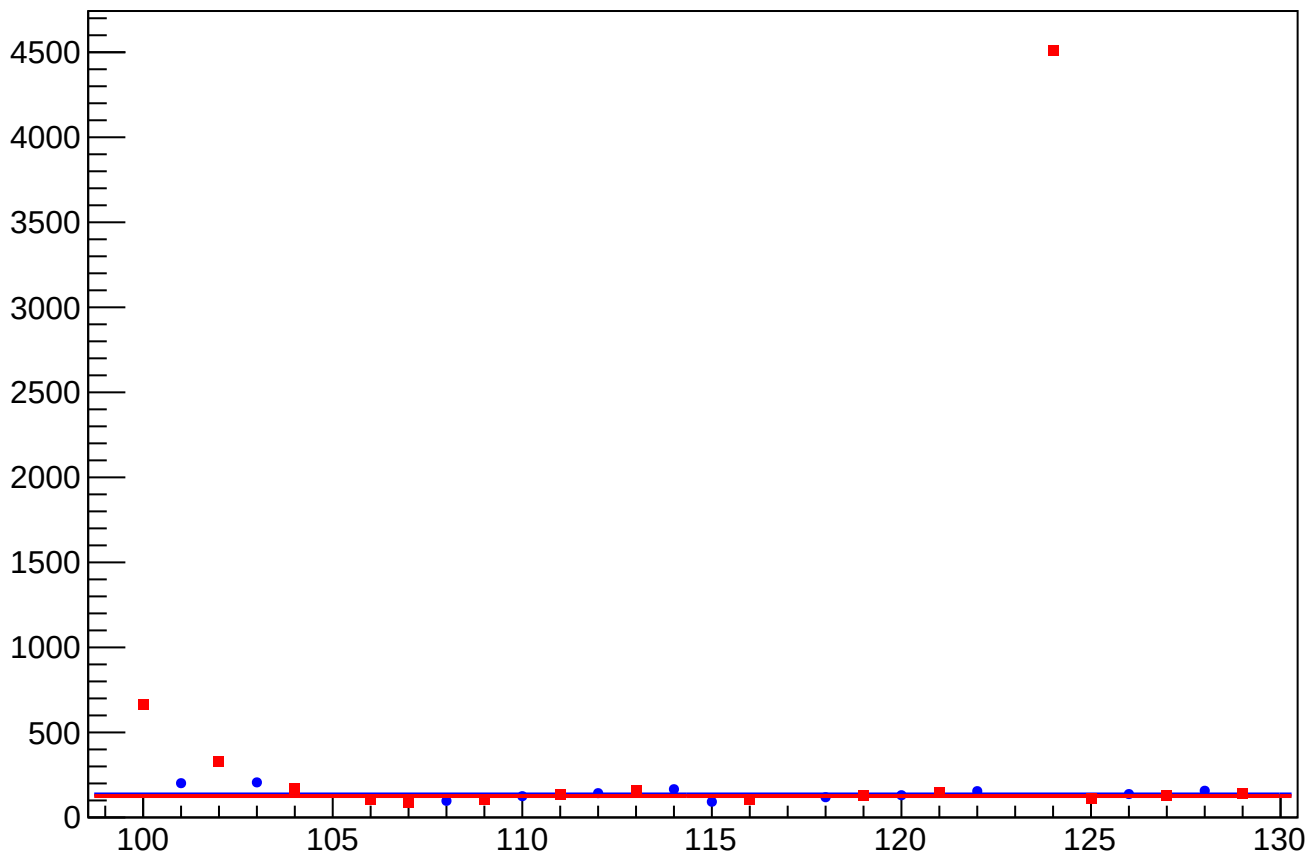
Right: -0.018+/-0.042 χ^2/NDF : 24.8/26

In: 0.018+/-0.063 χ^2/NDF : 6.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.018+/-0.042 χ^2/NDF : 24.8/26

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 135.117+/-0.045 χ^2/NDF : 507157.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

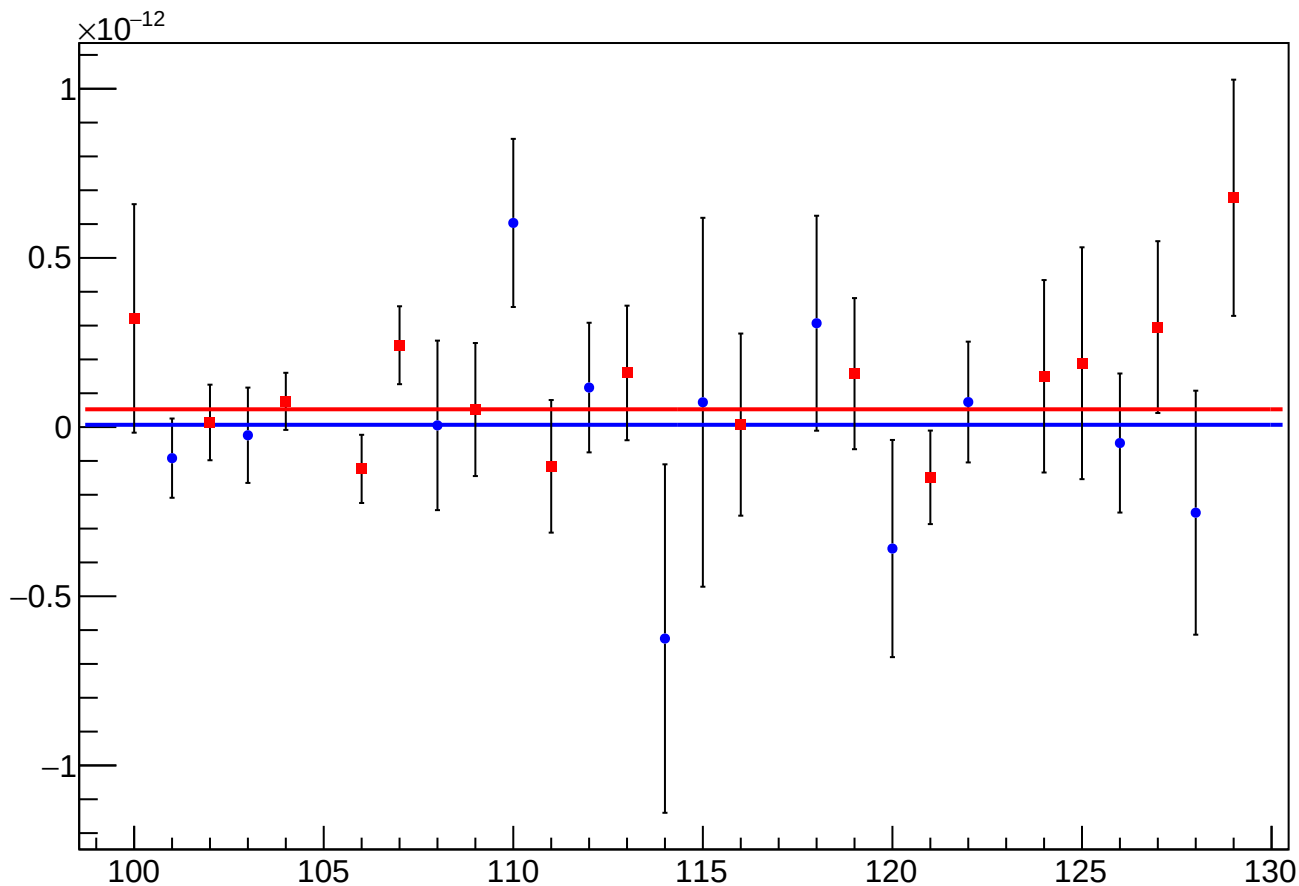
Right: 130.108+/-0.030 χ^2/NDF : 1451411.4/26

In: 135.117+/-0.045 χ^2/NDF : 507157.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.108+/-0.030 χ^2/NDF : 1451411.4/26

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 : 11.3/11

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

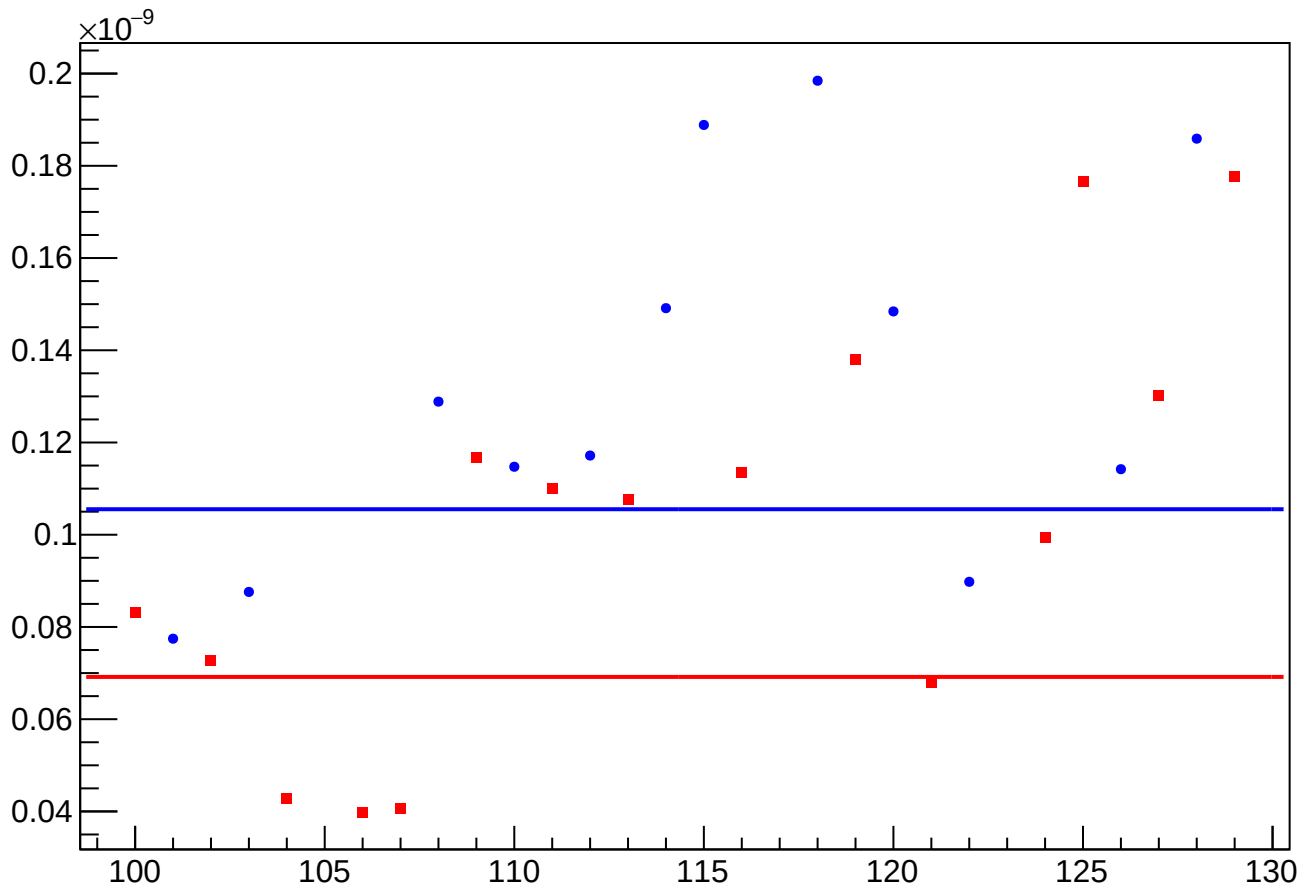
Right: 0.000+/-0.000 χ^2/NDF : 26.1/26

In: 0.000+/-0.000 χ^2/NDF : 11.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.1/26

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 : 561137.4/11

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

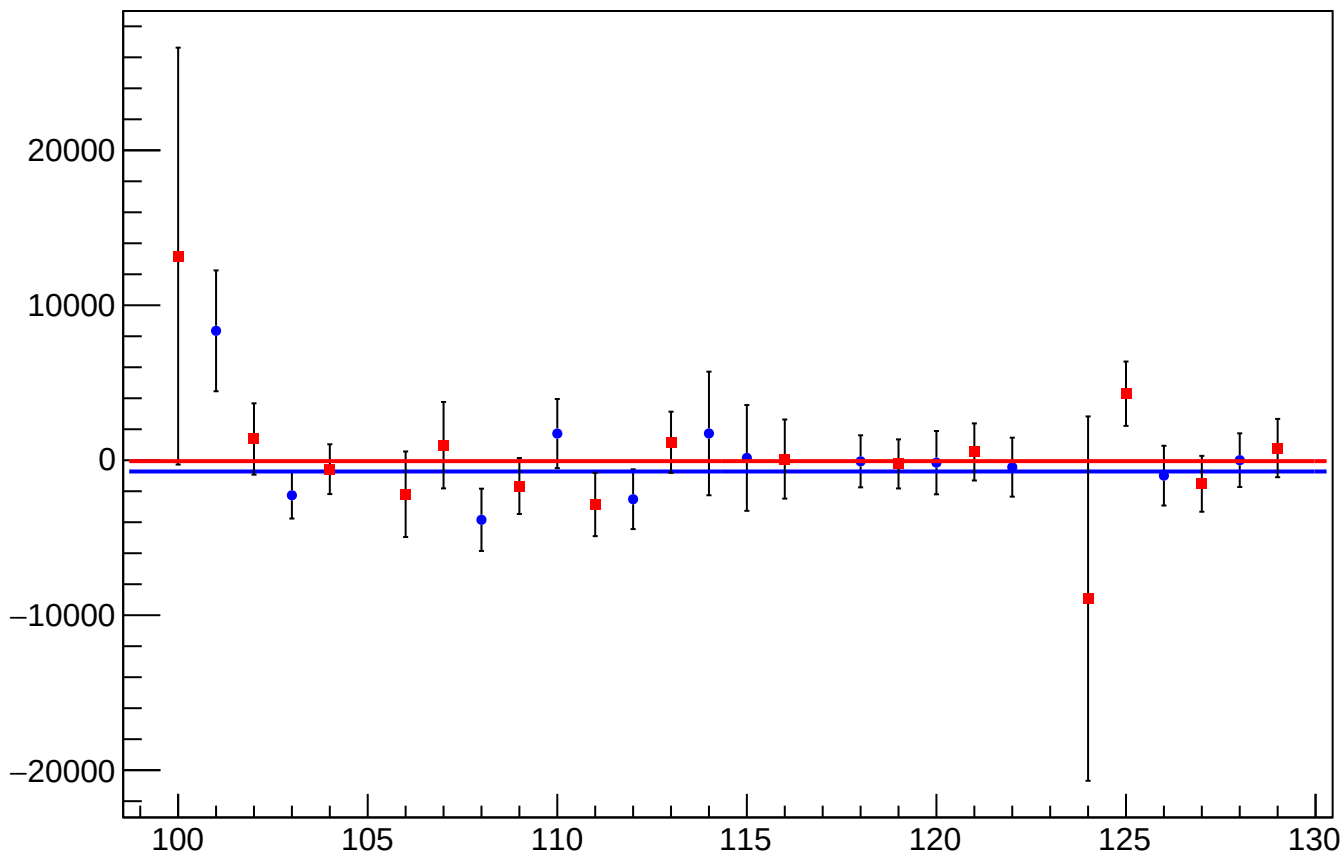
Right: 0.000+/-0.000 χ^2/NDF : 2602985.0/26

In: 0.000+/-0.000 χ^2/NDF :561137.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2602985.0/26

reg_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -725.495+/-592.517 χ^2/NDF : 11.8/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

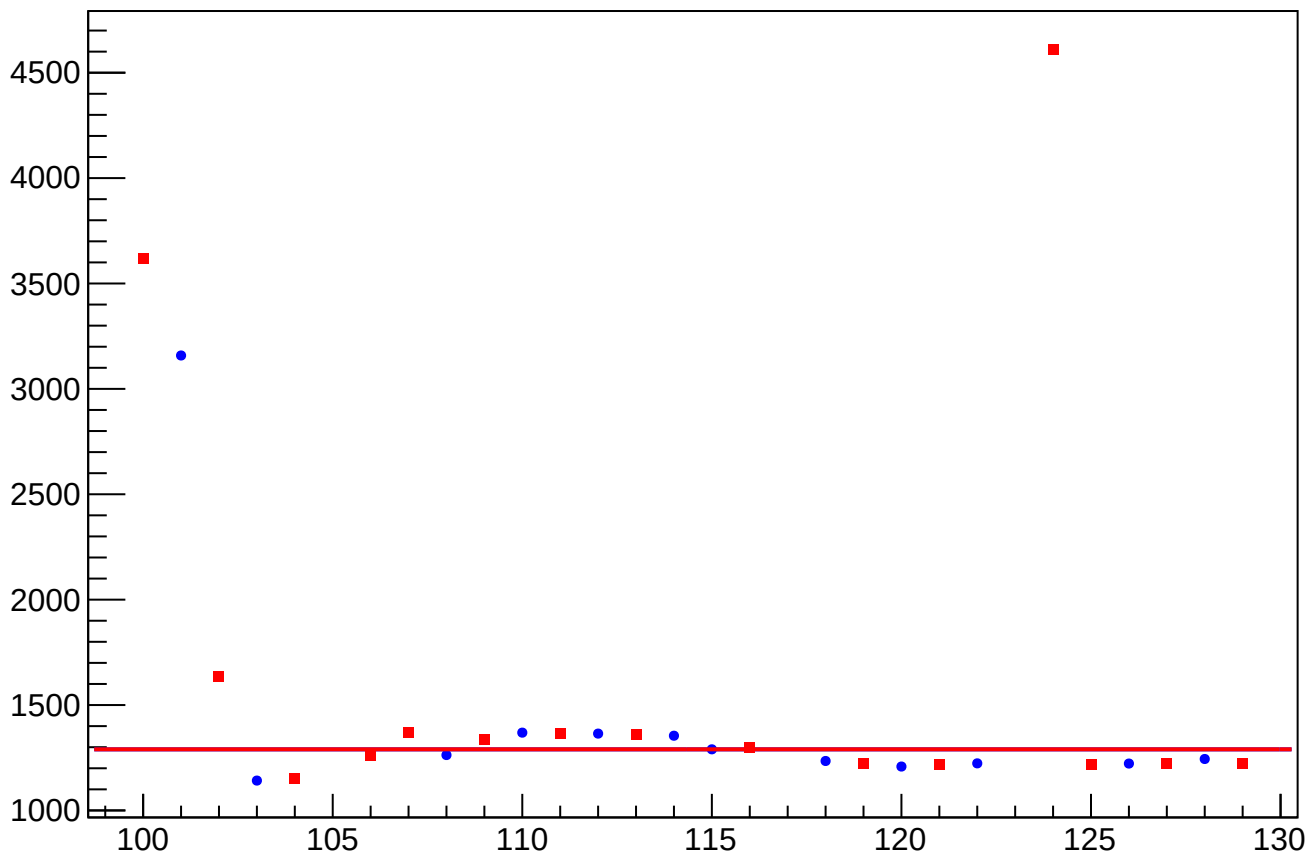
Right: -365.751+/-402.592 χ^2/NDF : 23.7/26

In: -725.495+/-592.517 χ^2/NDF :11.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -365.751+/-402.592 χ^2/NDF : 23.7/26

reg_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1289.696+/-0.419 χ^2/NDF : 496608.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

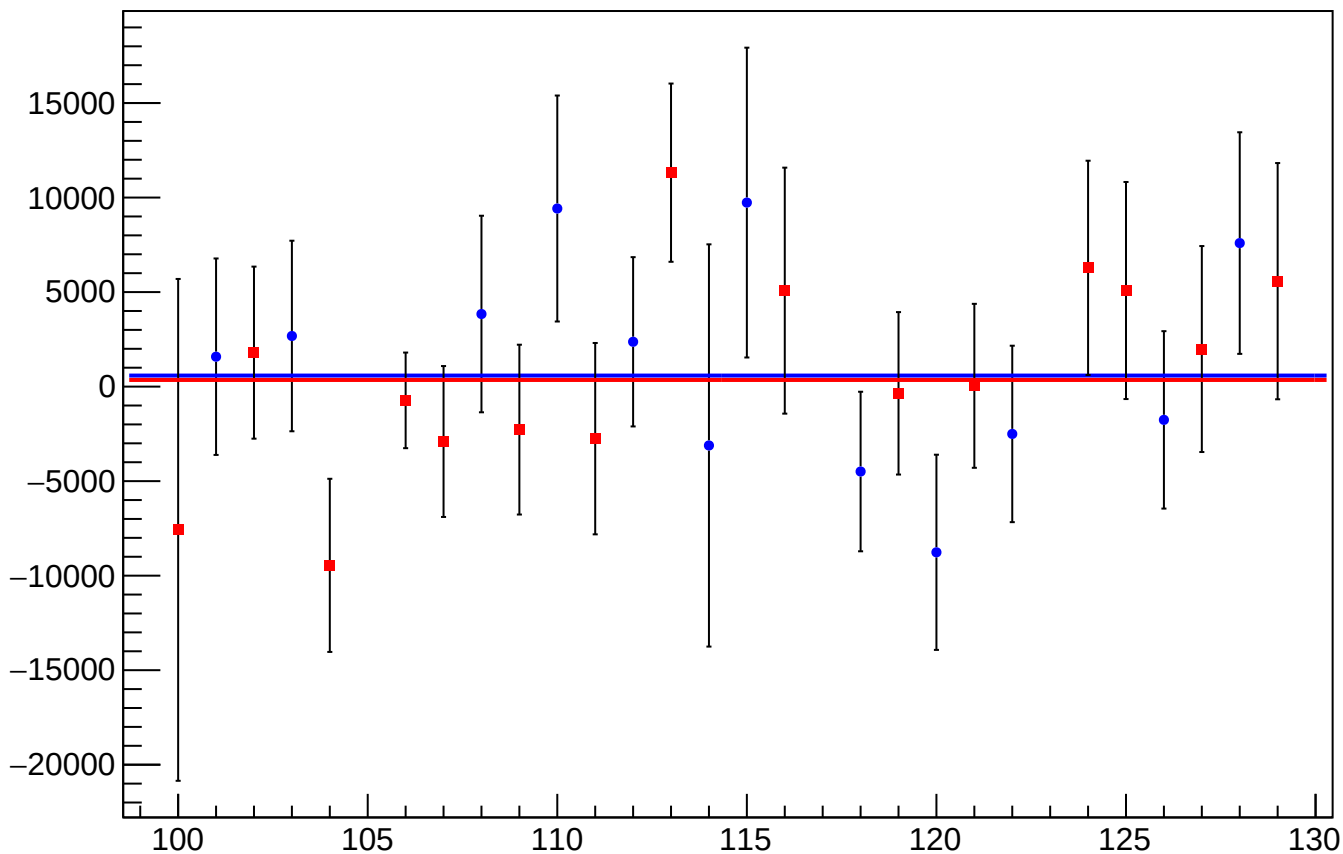
Right: 1289.830+/-0.284 χ^2/NDF : 799105.8/26

In: 1289.696+/-0.419 χ^2/NDF : 496608.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1289.830+/-0.284 χ^2/NDF : 799105.8/26

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 584.056+/-1526.499 χ^2/NDF : 11.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

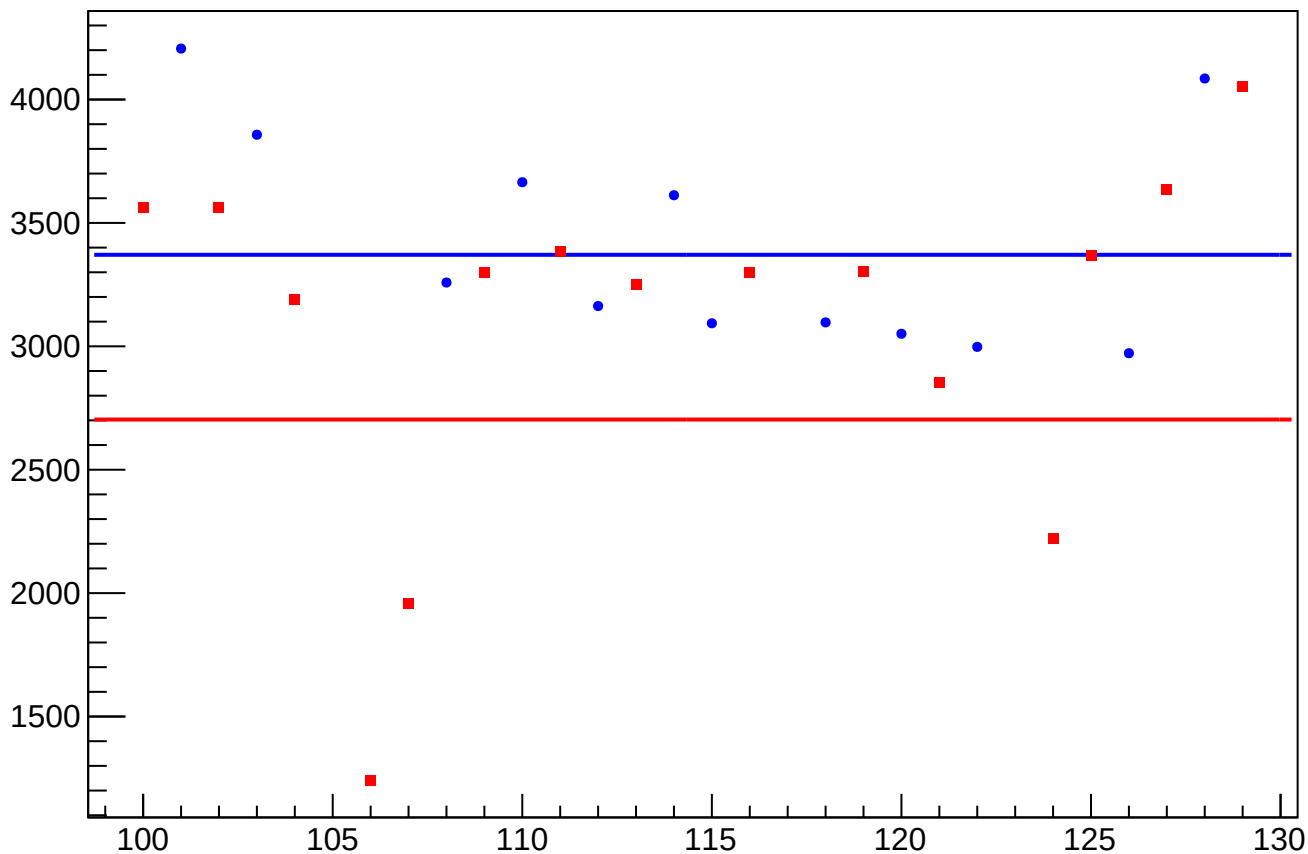
Right: 439.481+/-938.520 χ^2/NDF : 26.3/26

In: 584.056+/-1526.499 χ^2/NDF : 11.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 439.481+/-938.520 χ^2/NDF : 26.3/26

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3370.806 $\pm$ 1.079 χ^2/NDF : 156799.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Right Out: 2703.392 $\pm$ 0.841 χ^2/NDF : 1189156.4/14

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

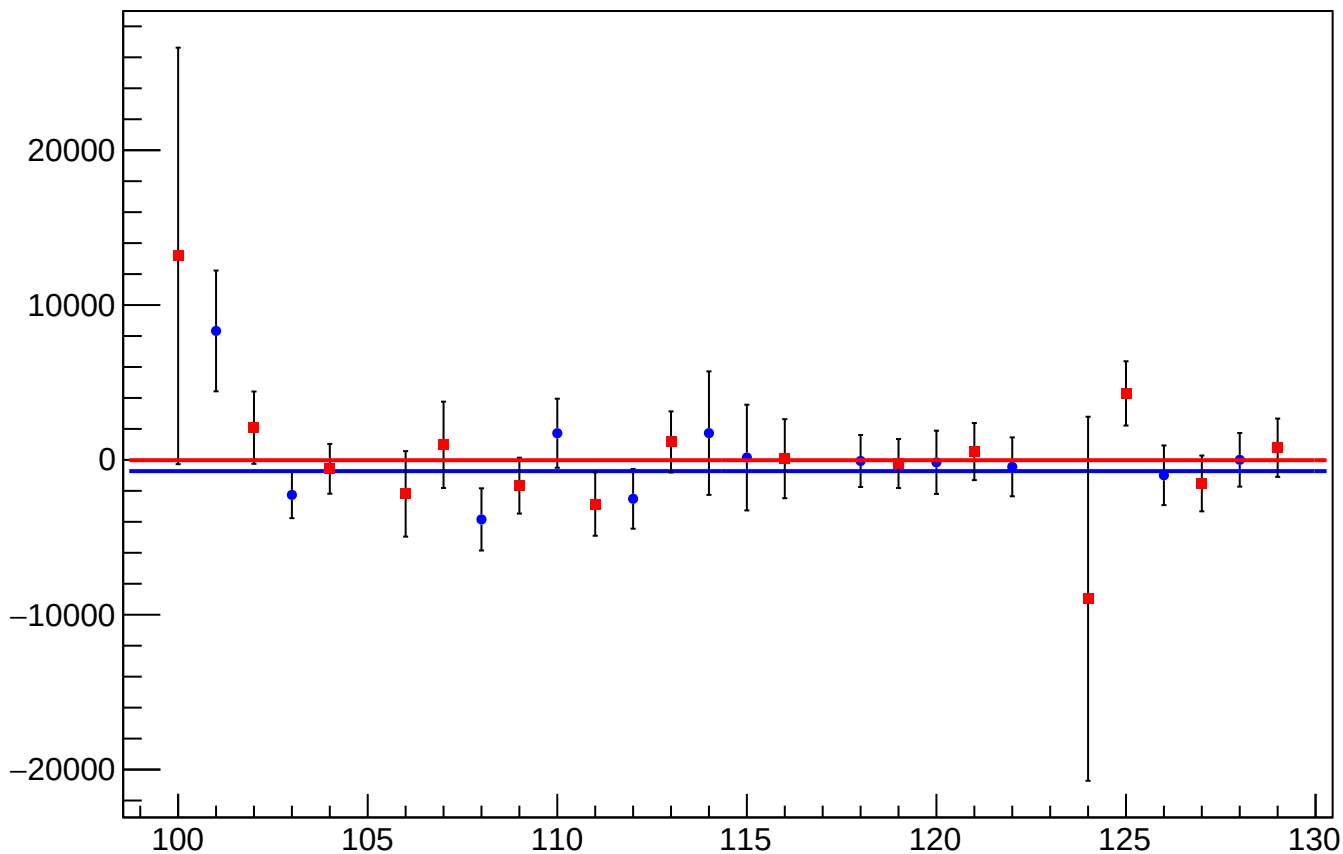
Right: 2955.676 $\pm$ 0.664 χ^2/NDF : 1583758.7/26

In: 3370.806 $\pm$ 1.079 χ^2/NDF :156799.5/11

Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

All: 2955.676 $\pm$ 0.664 χ^2/NDF : 1583758.7/26

cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -726.046+/-592.517 χ^2/NDF : 11.8/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

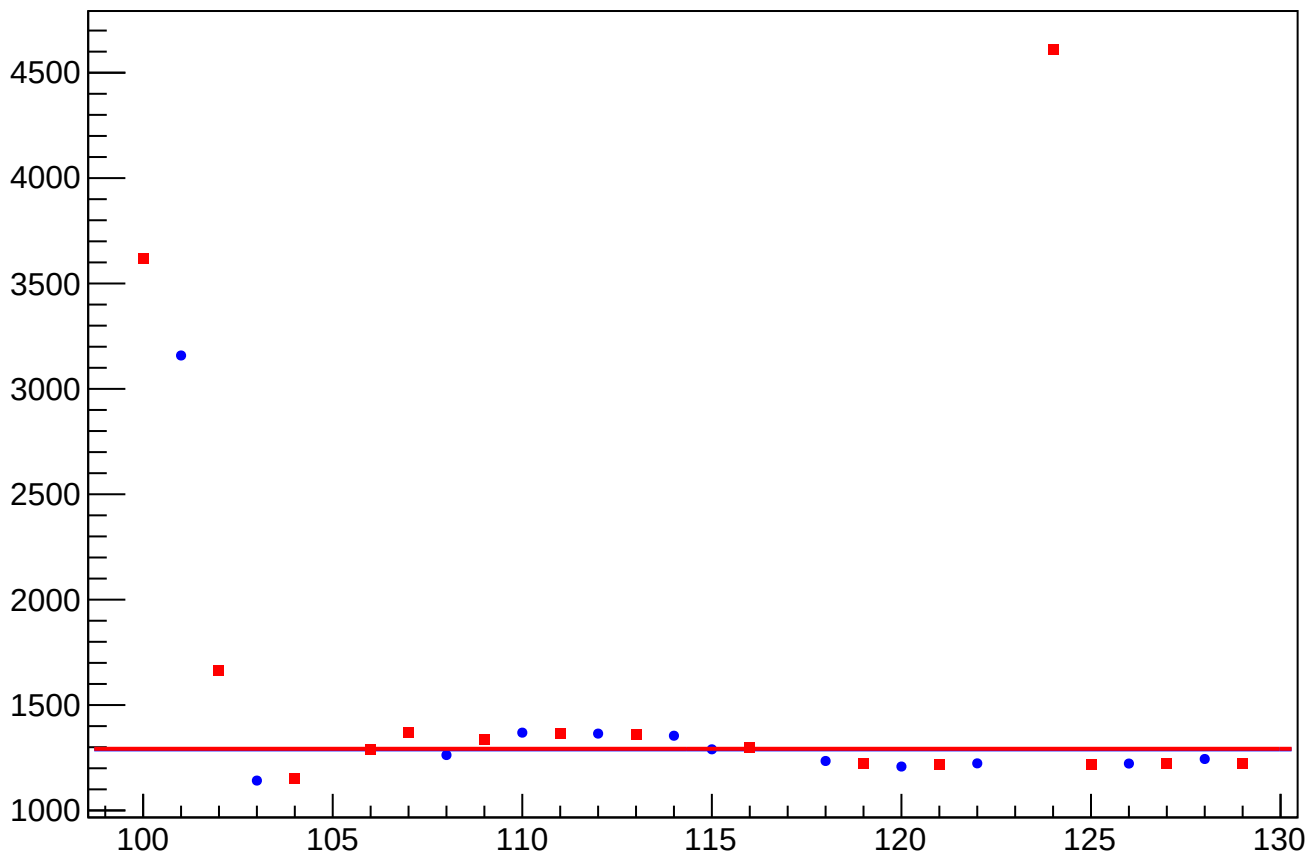
Right: -346.530+/-402.774 χ^2/NDF : 24.2/26

In: -726.046+/-592.517 χ^2/NDF :11.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -346.530+/-402.774 χ^2/NDF : 24.2/26

cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1289.696+/-0.419 χ^2/NDF : 496609.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

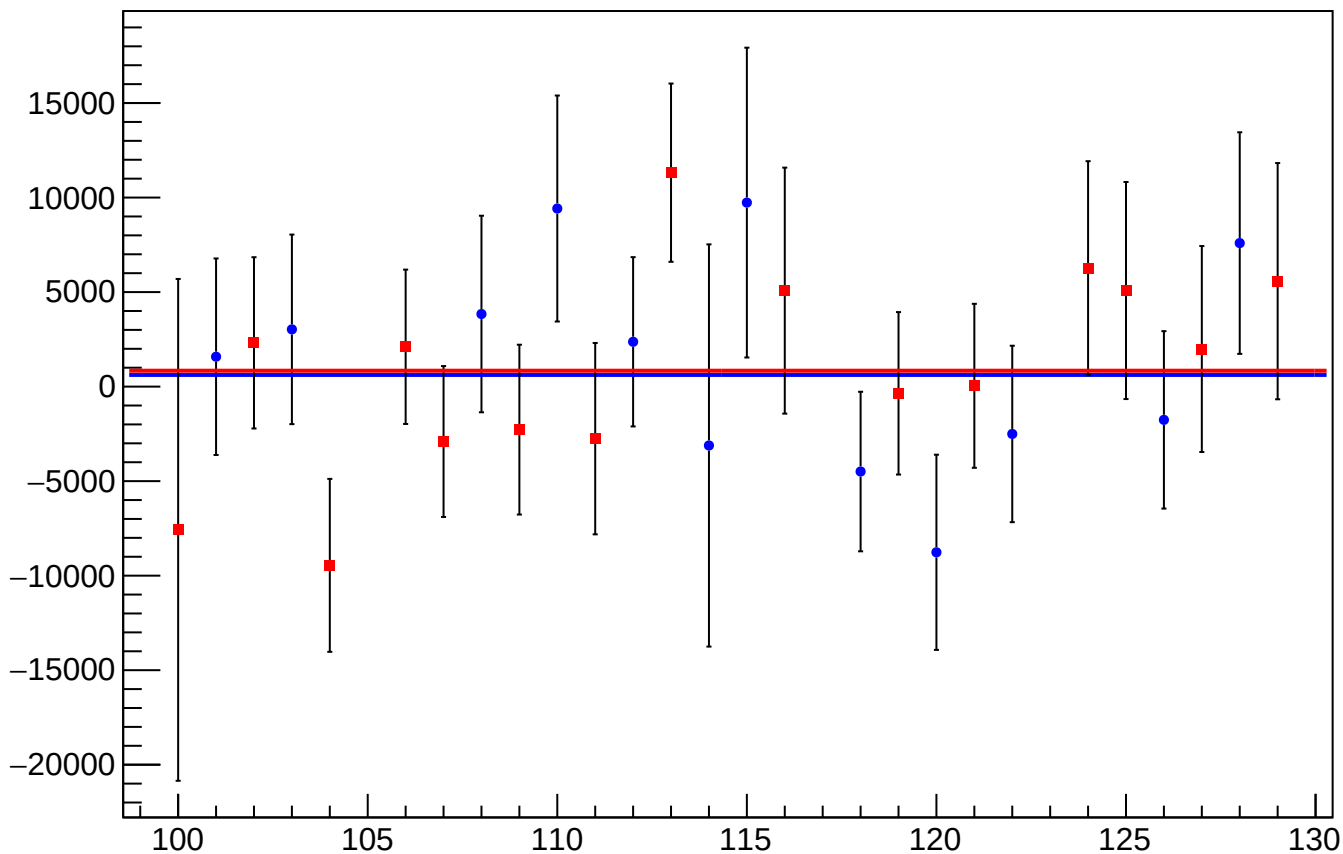
Right: 1291.196+/-0.284 χ^2/NDF : 805951.5/26

In: 1289.696+/-0.419 χ^2/NDF : 496609.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.196+/-0.284 χ^2/NDF : 805951.5/26

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 618.381 $\pm$ 1525.803 χ^2 /NDF: 11.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 841.605 $\pm$ 1279.903 χ^2 /NDF: 15.1/14

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

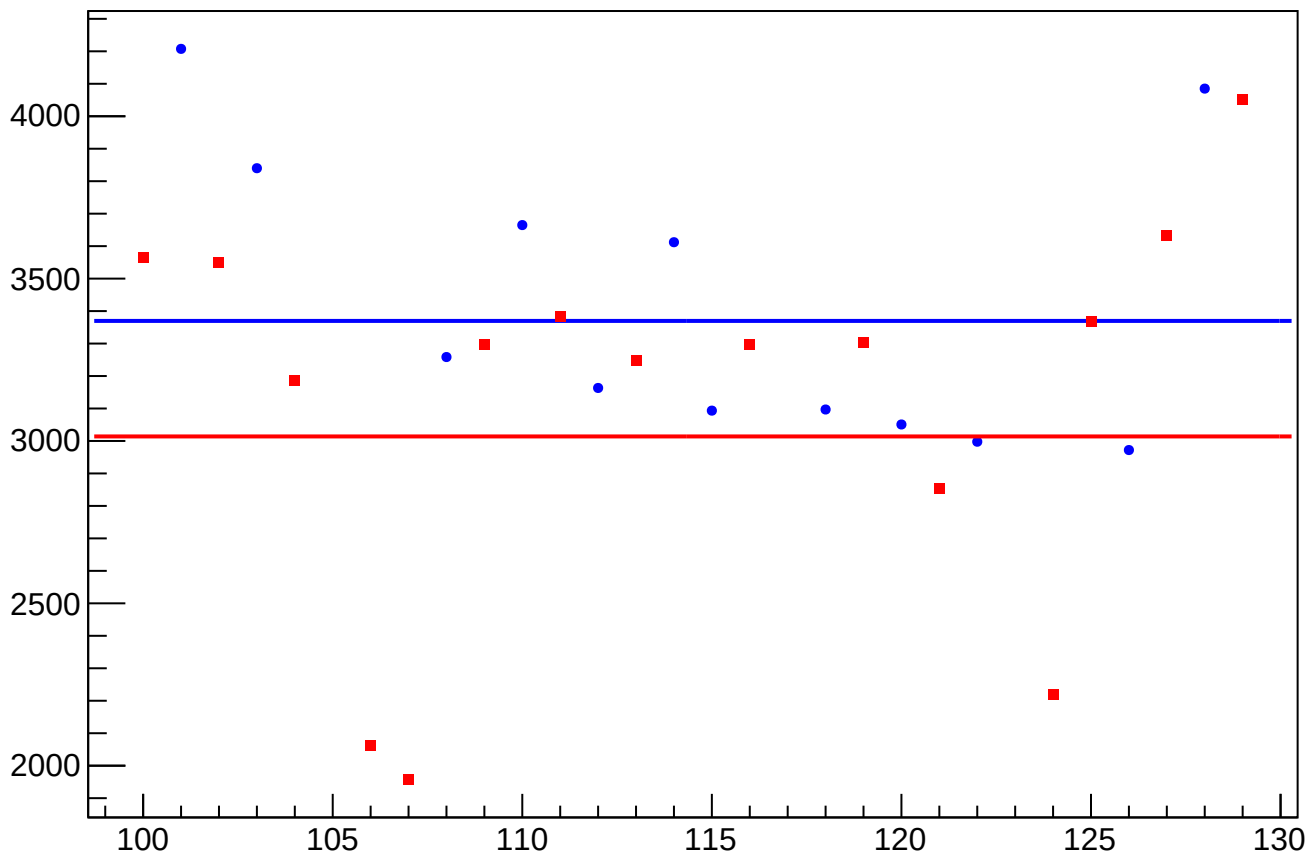
Right: 749.408 $\pm$ 980.589 χ^2 /NDF: 26.3/26

In: 618.381 $\pm$ 1525.803 χ^2 /NDF:11.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 749.408 $\pm$ 980.589 χ^2 /NDF: 26.3/26

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3369.718+/-1.079 χ^2/NDF : 155787.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

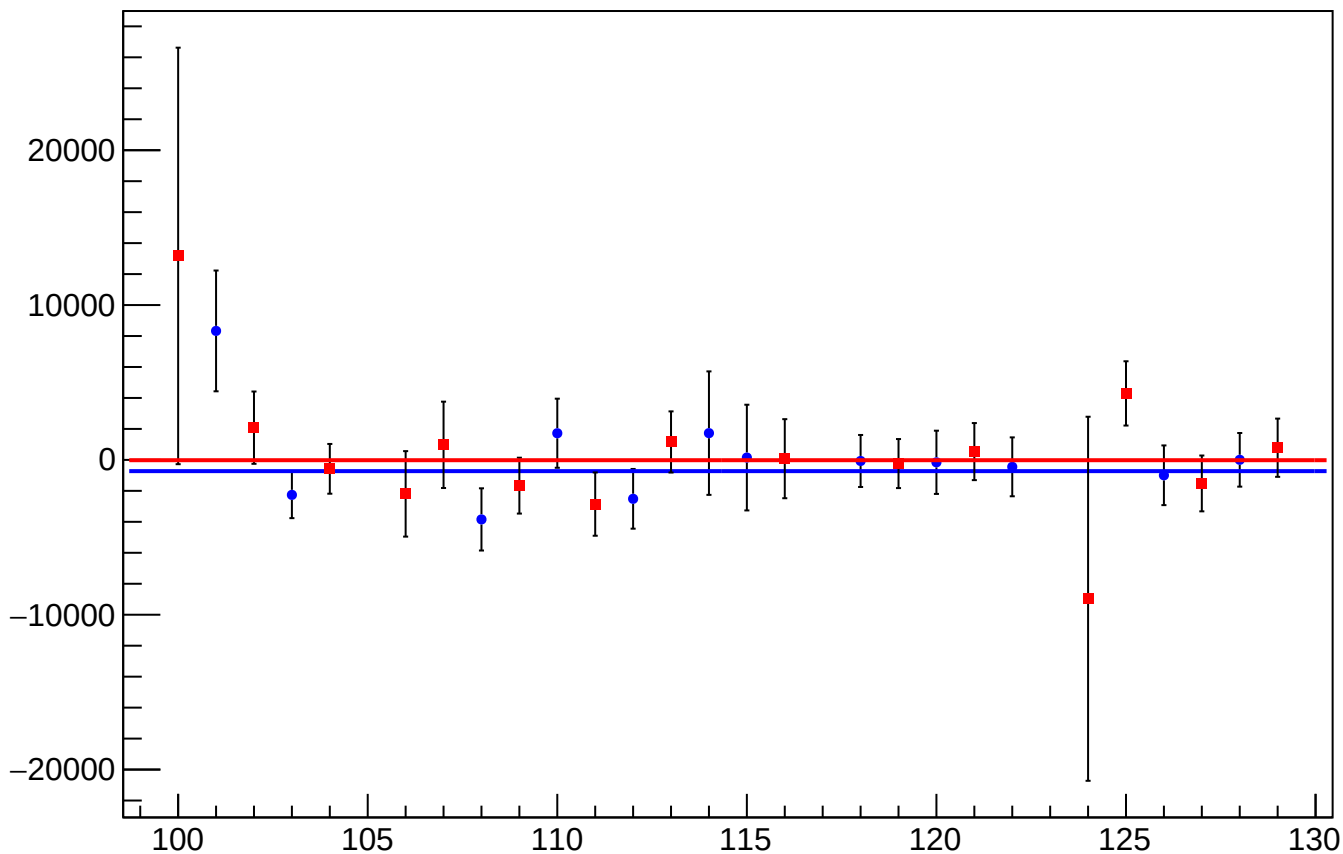
Right: 3160.898+/-0.693 χ^2/NDF : 670614.7/26

In: 3369.718+/-1.079 χ^2/NDF : 155787.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3160.898+/-0.693 χ^2/NDF : 670614.7/26

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -726.046+/-592.517 χ^2 /NDF: 11.8/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -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

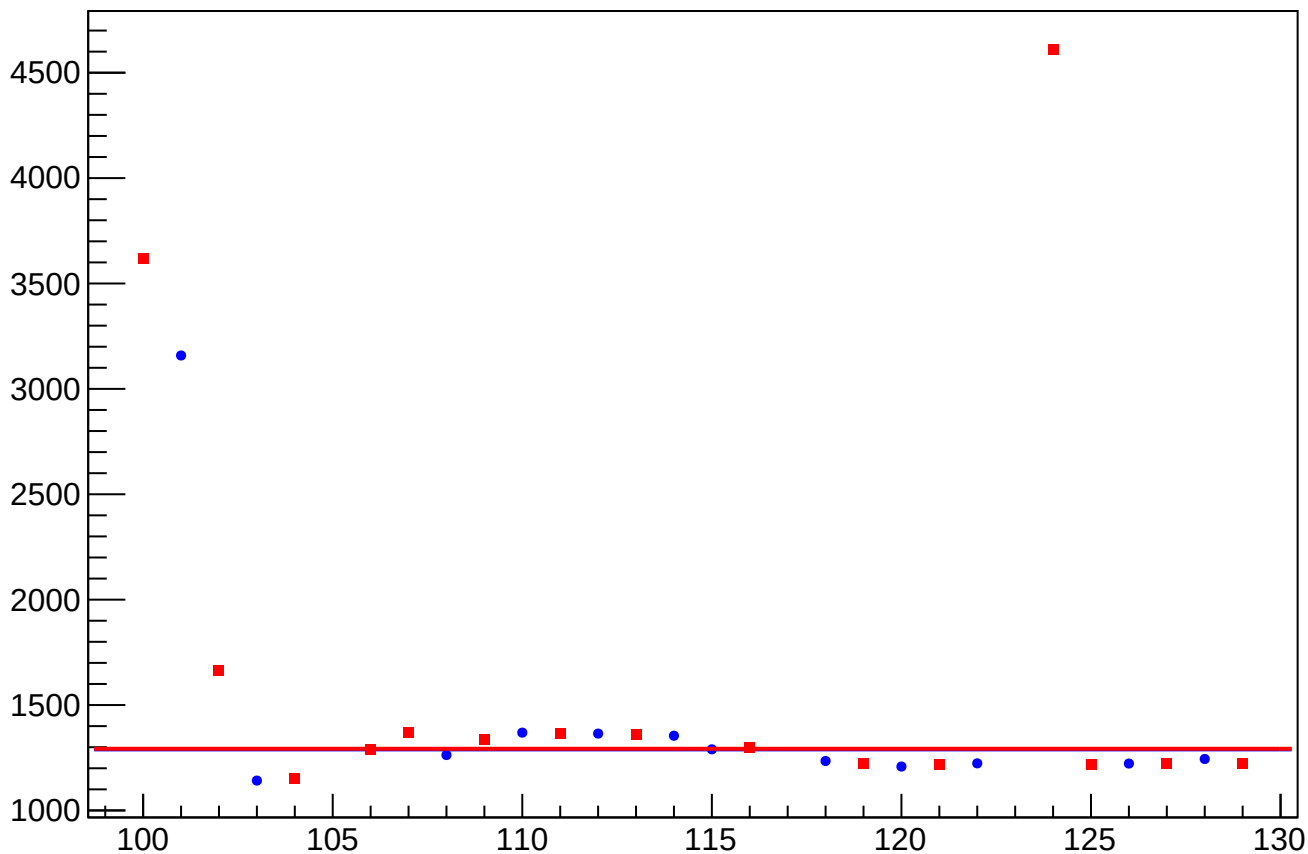
Right: -346.530+/-402.774 χ^2 /NDF: 24.2/26

In: -726.046+/-592.517 χ^2 /NDF:11.8/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -346.530+/-402.774 χ^2 /NDF: 24.2/26

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1289.696+/-0.419 χ^2/NDF : 496609.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

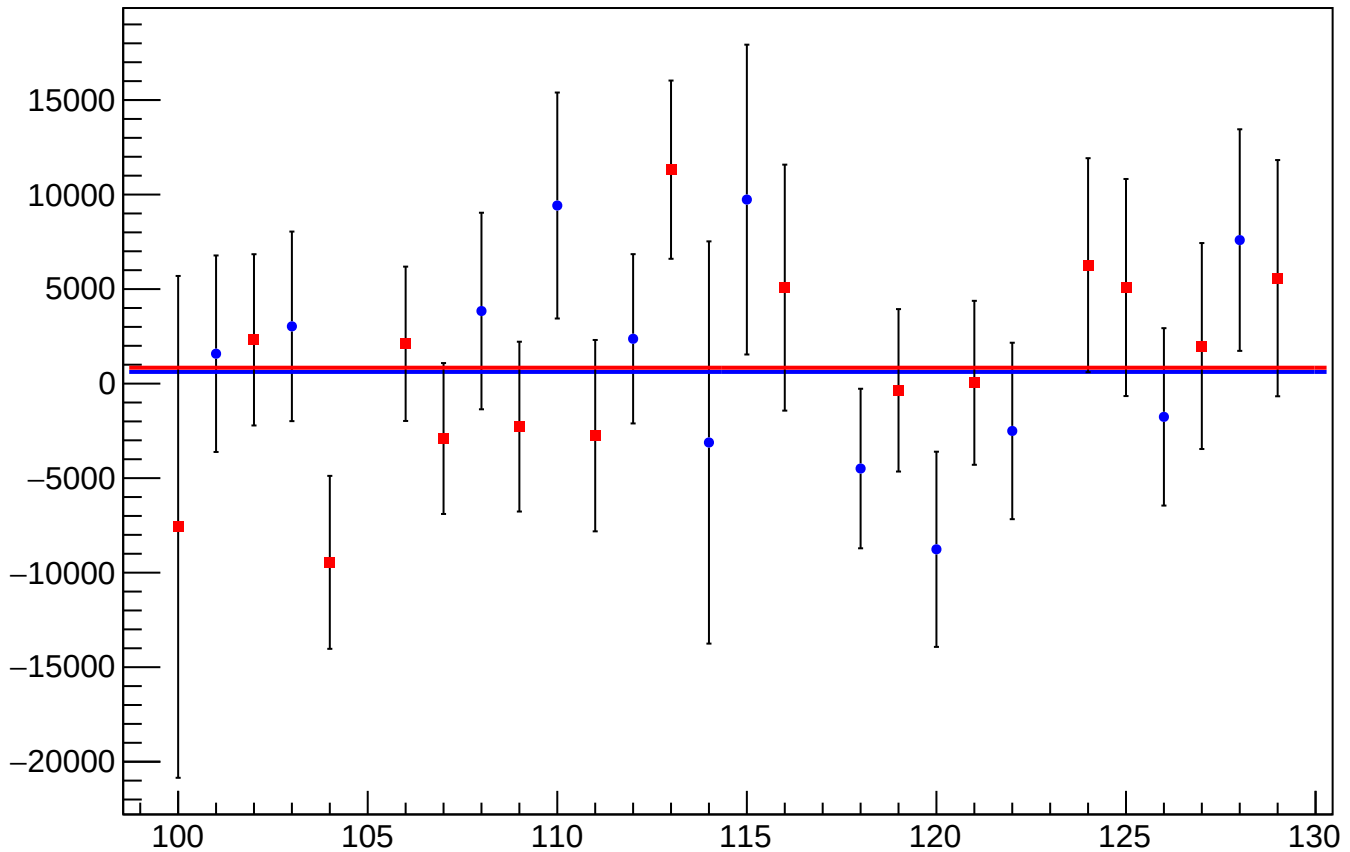
Right: 1291.196+/-0.284 χ^2/NDF : 805951.5/26

In: 1289.696+/-0.419 χ^2/NDF : 496609.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.196+/-0.284 χ^2/NDF : 805951.5/26

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 618.381+/-1525.803 χ^2/NDF : 11.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

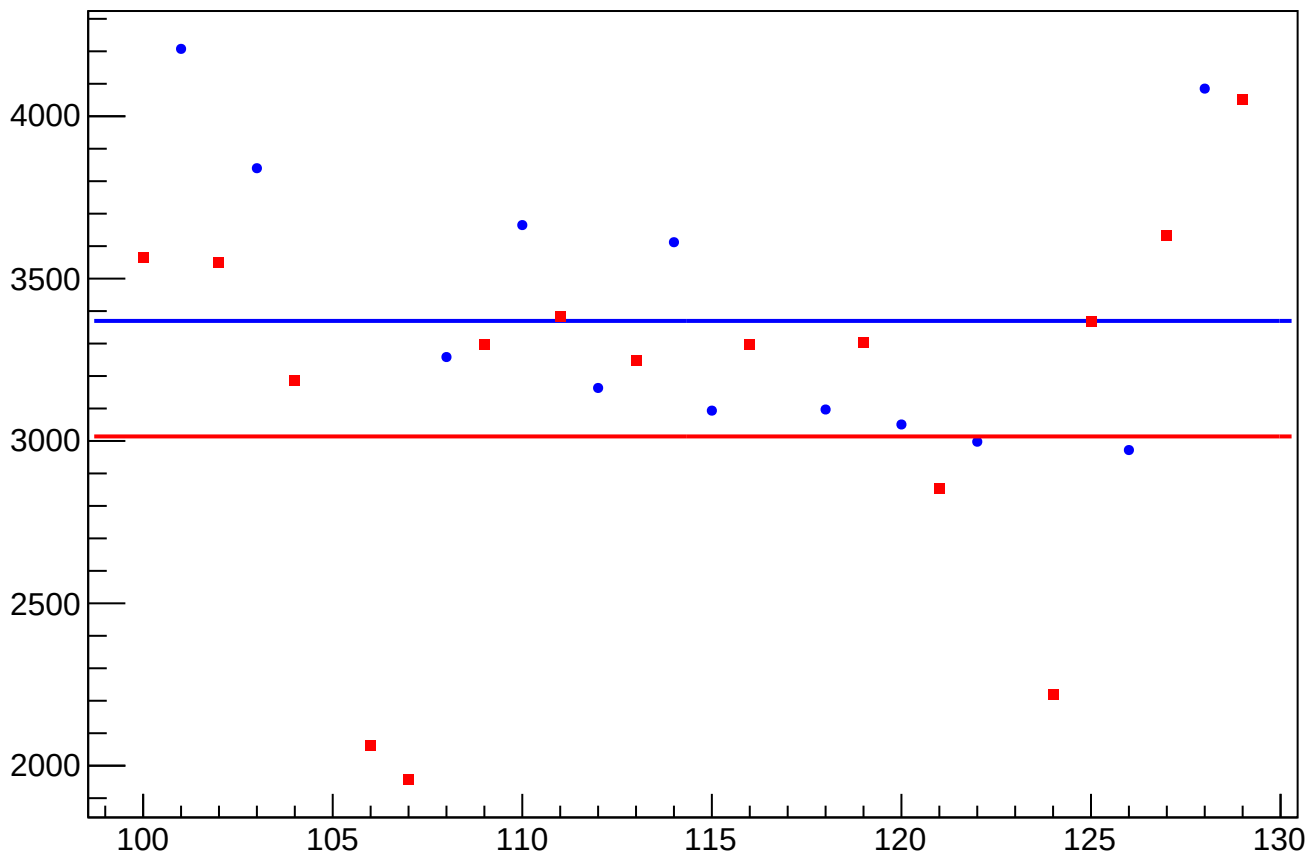
Right: 749.408+/-980.589 χ^2/NDF : 26.3/26

In: 618.381+/-1525.803 χ^2/NDF : 11.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 749.408+/-980.589 χ^2/NDF : 26.3/26

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3369.718+/-1.079 χ^2/NDF : 155787.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

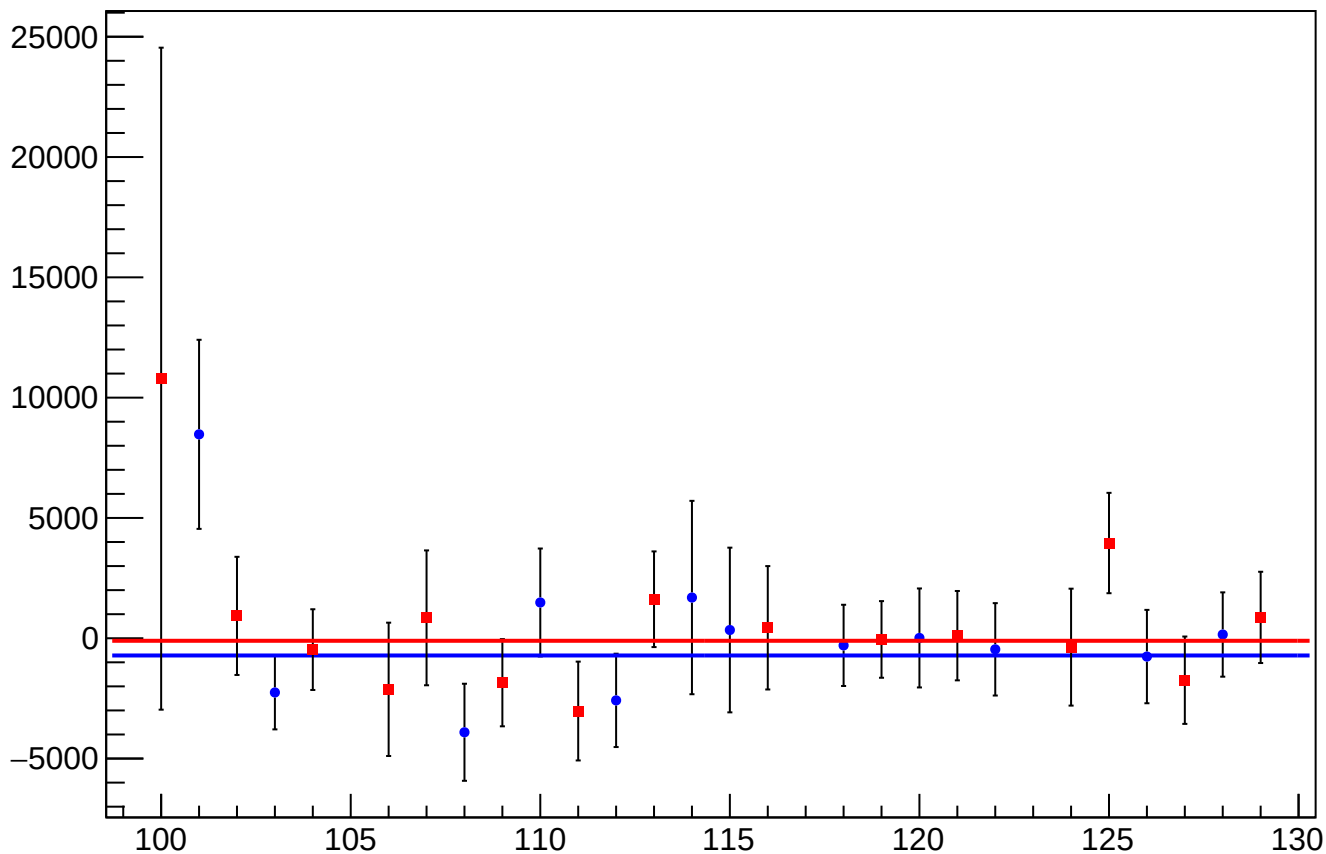
Right: 3160.898+/-0.693 χ^2/NDF : 670614.7/26

In: 3369.718+/-1.079 χ^2/NDF : 155787.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3160.898+/-0.693 χ^2/NDF : 670614.7/26

dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -716.054+/-597.908 χ^2/NDF : 11.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

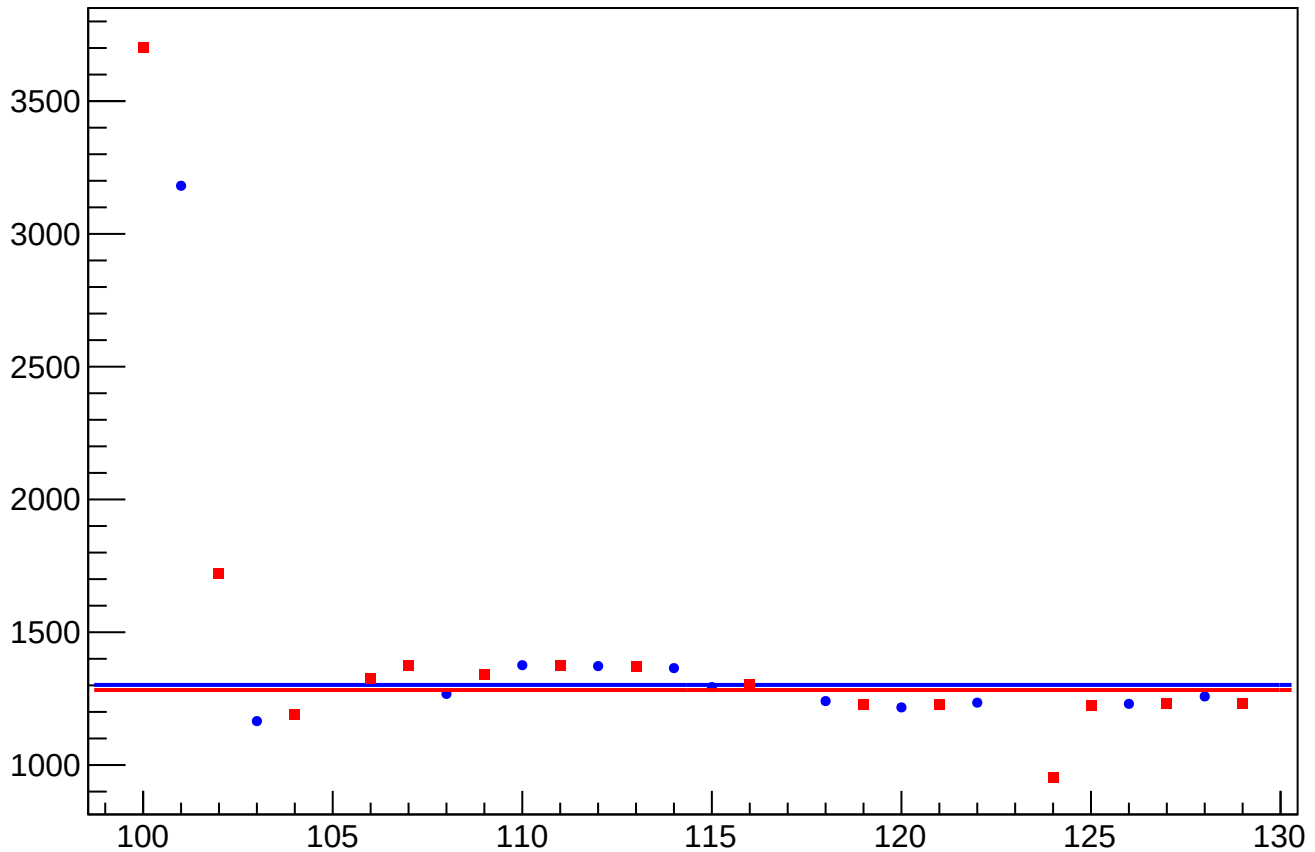
Right: -381.247+/-401.836 χ^2/NDF : 22.5/26

In: -716.054+/-597.908 χ^2/NDF : 11.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -381.247+/-401.836 χ^2/NDF : 22.5/26

dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1301.611+/-0.423 χ^2/NDF : 491730.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

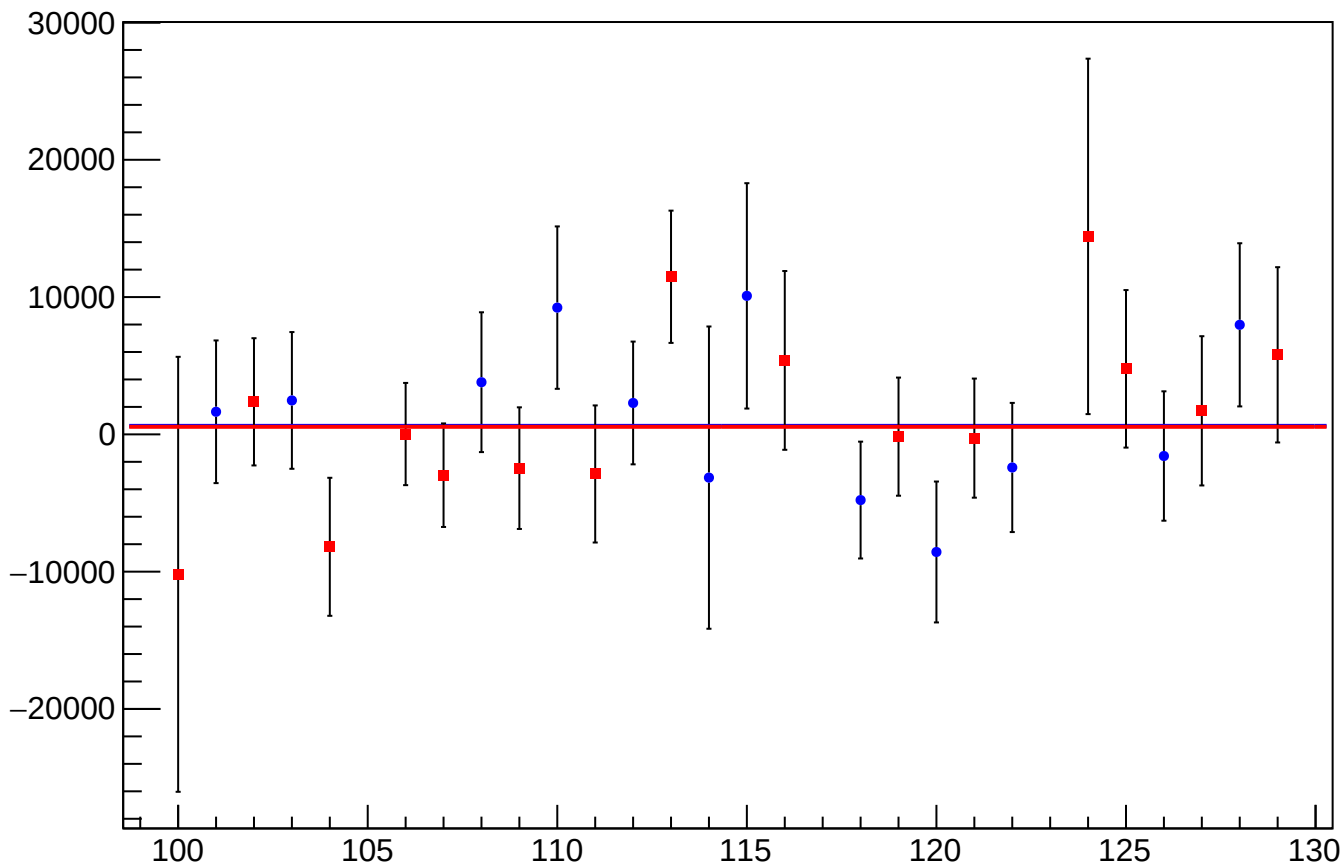
Right: 1291.095+/-0.284 χ^2/NDF : 682803.0/26

In: 1301.611+/-0.423 χ^2/NDF : 491730.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.095+/-0.284 χ^2/NDF : 682803.0/26

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 618.582+/-1526.108 χ^2/NDF : 11.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

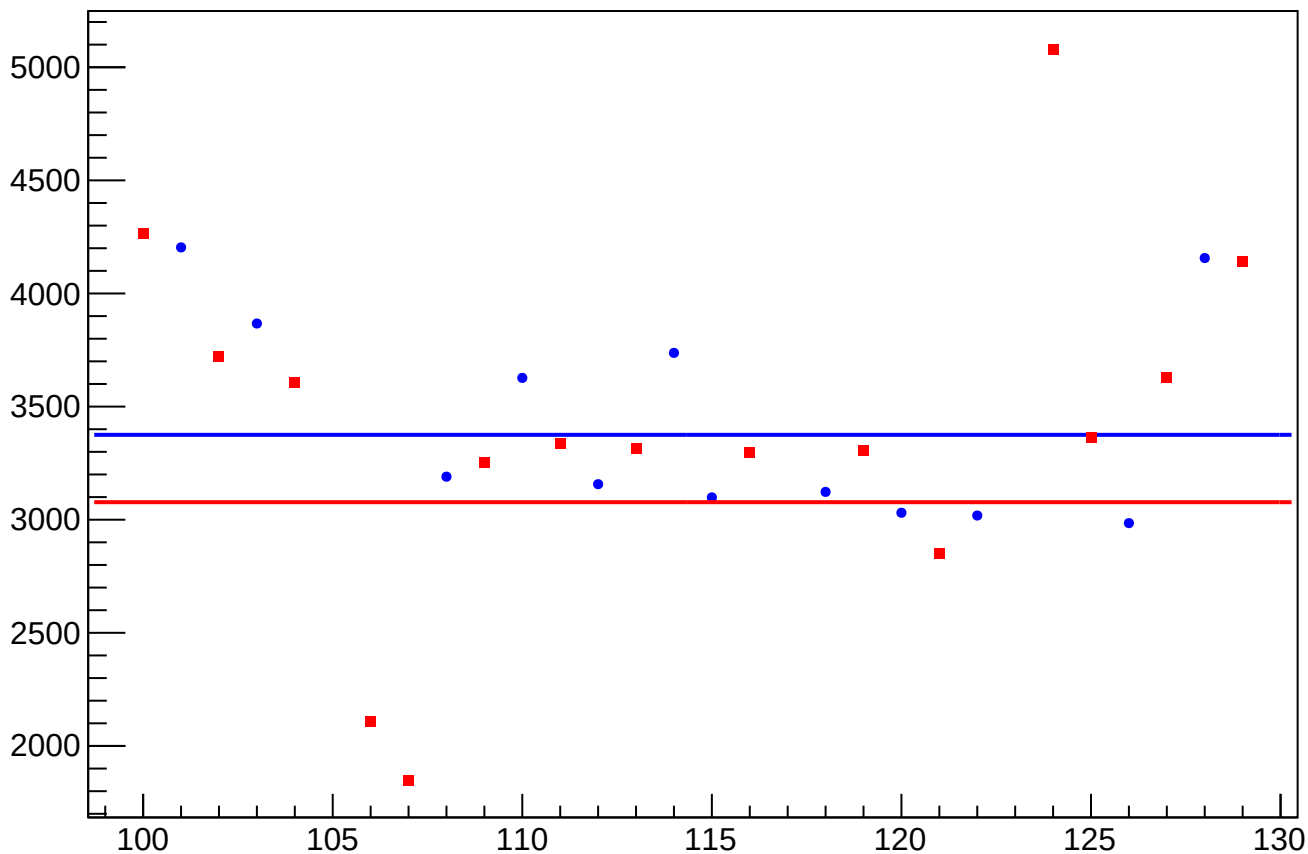
Right: 579.797+/-989.364 χ^2/NDF : 24.9/26

In: 618.582+/-1526.108 χ^2/NDF : 11.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 579.797+/-989.364 χ^2/NDF : 24.9/26

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3375.180+/-1.079 χ^2/NDF : 161671.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

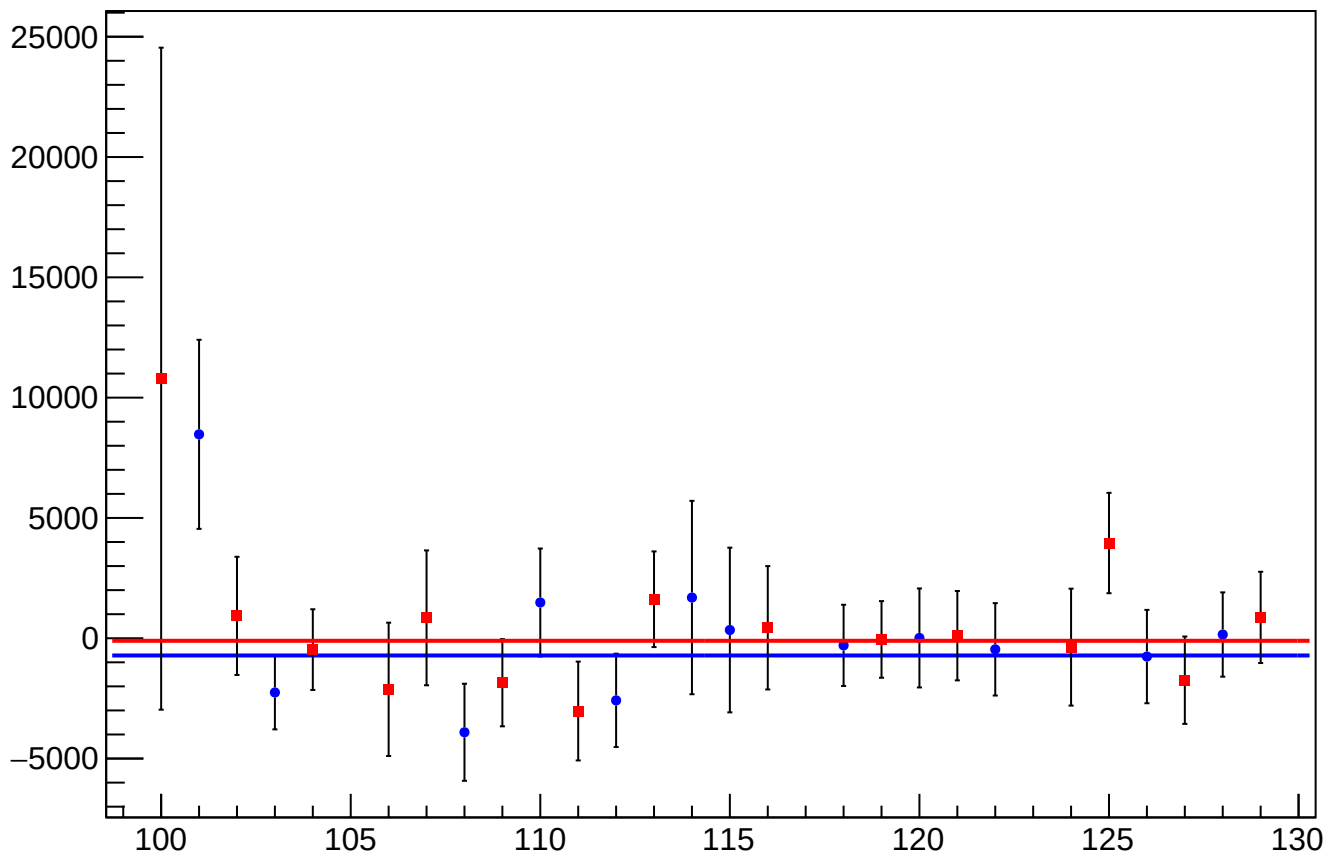
Right: 3202.570+/-0.700 χ^2/NDF : 781409.4/26

In: 3375.180+/-1.079 χ^2/NDF : 161671.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3202.570+/-0.700 χ^2/NDF : 781409.4/26

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -716.060+/-597.908 χ^2/NDF : 11.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

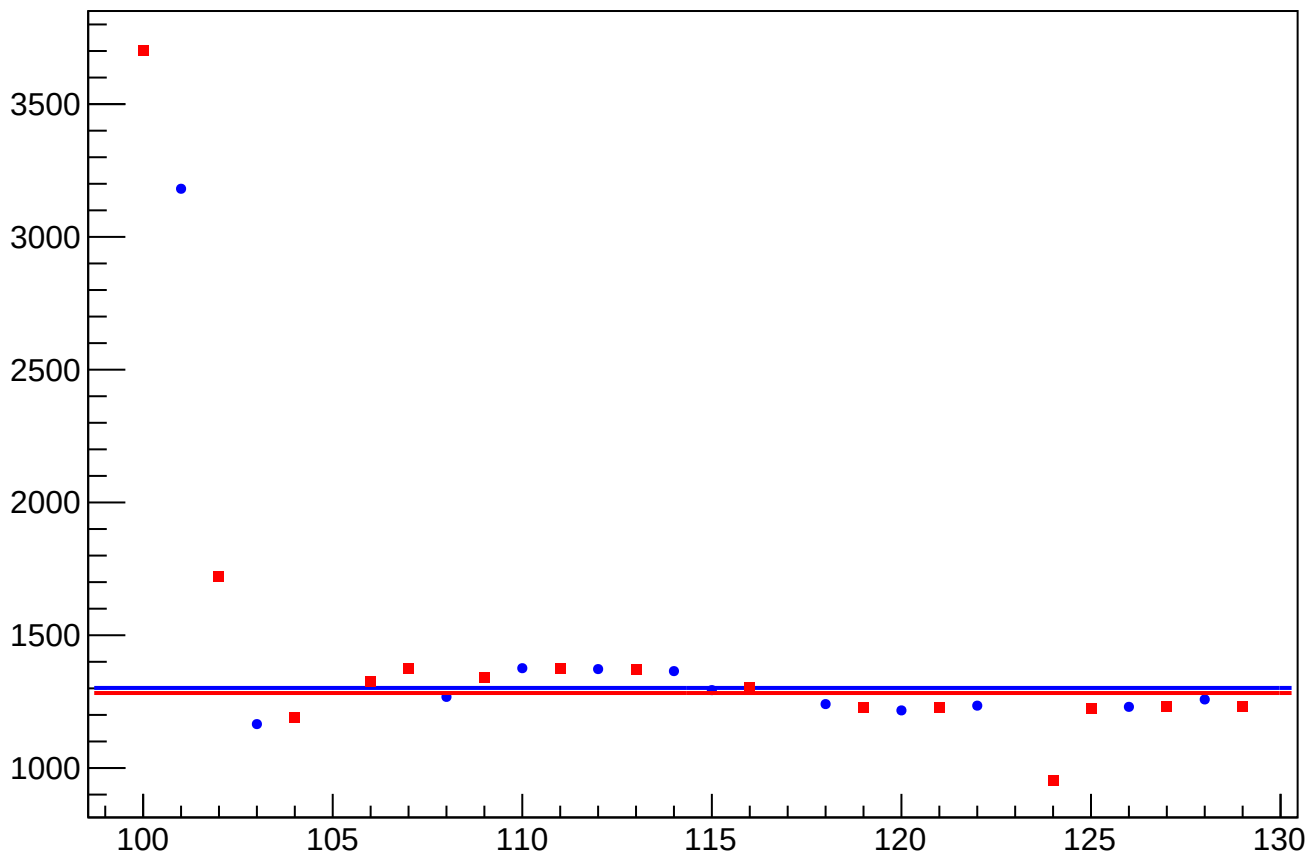
Right: -381.254+/-401.836 χ^2/NDF : 22.5/26

In: -716.060+/-597.908 χ^2/NDF : 11.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -381.254+/-401.836 χ^2/NDF : 22.5/26

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1301.611+/-0.423 χ^2/NDF : 491730.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

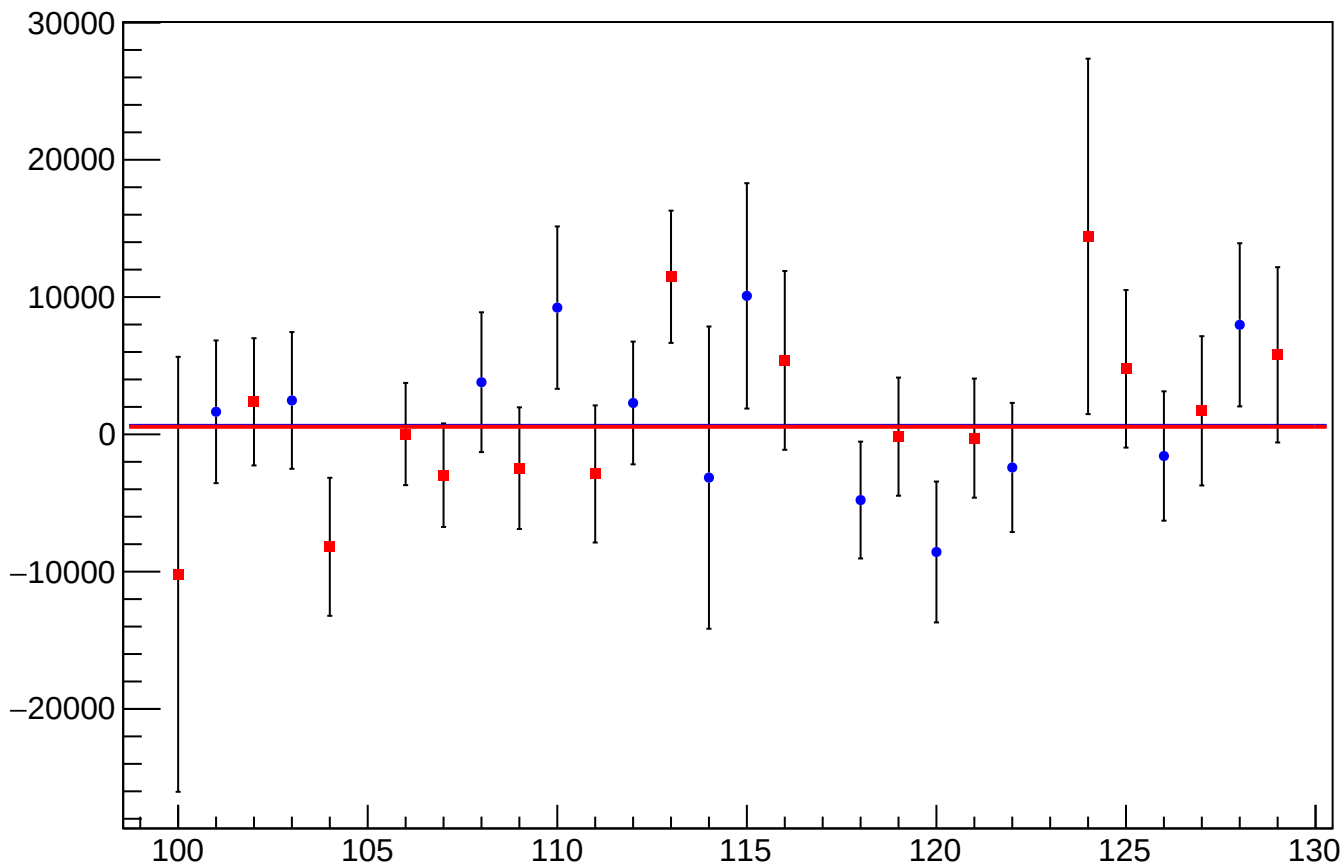
Right: 1291.095+/-0.284 χ^2/NDF : 682803.2/26

In: 1301.611+/-0.423 χ^2/NDF : 491730.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.095+/-0.284 χ^2/NDF : 682803.2/26

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 618.574+/-1526.103 χ^2/NDF : 11.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

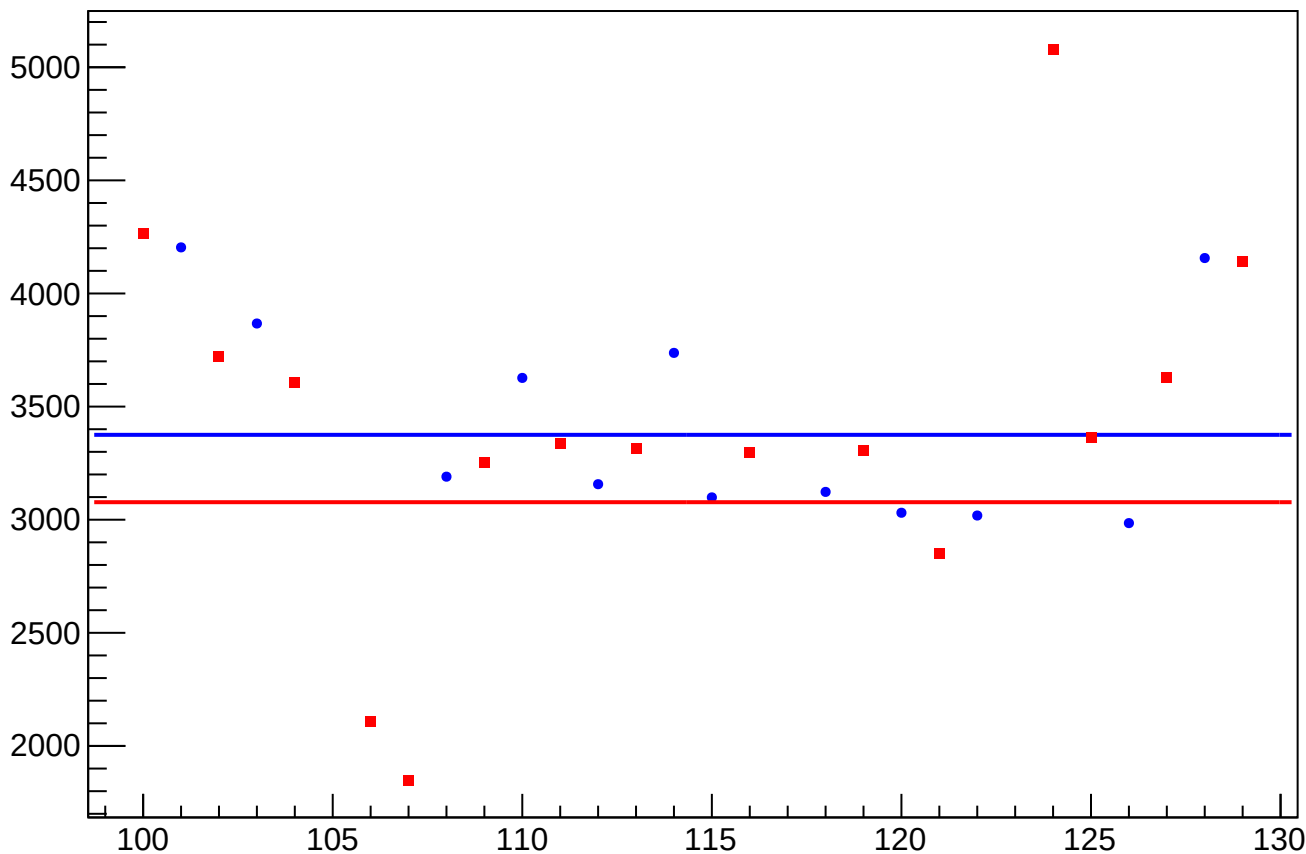
Right: 579.791+/-989.361 χ^2/NDF : 24.9/26

In: 618.574+/-1526.103 χ^2/NDF : 11.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 579.791+/-989.361 χ^2/NDF : 24.9/26

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3375.169+/-1.079 χ^2/NDF : 161674.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

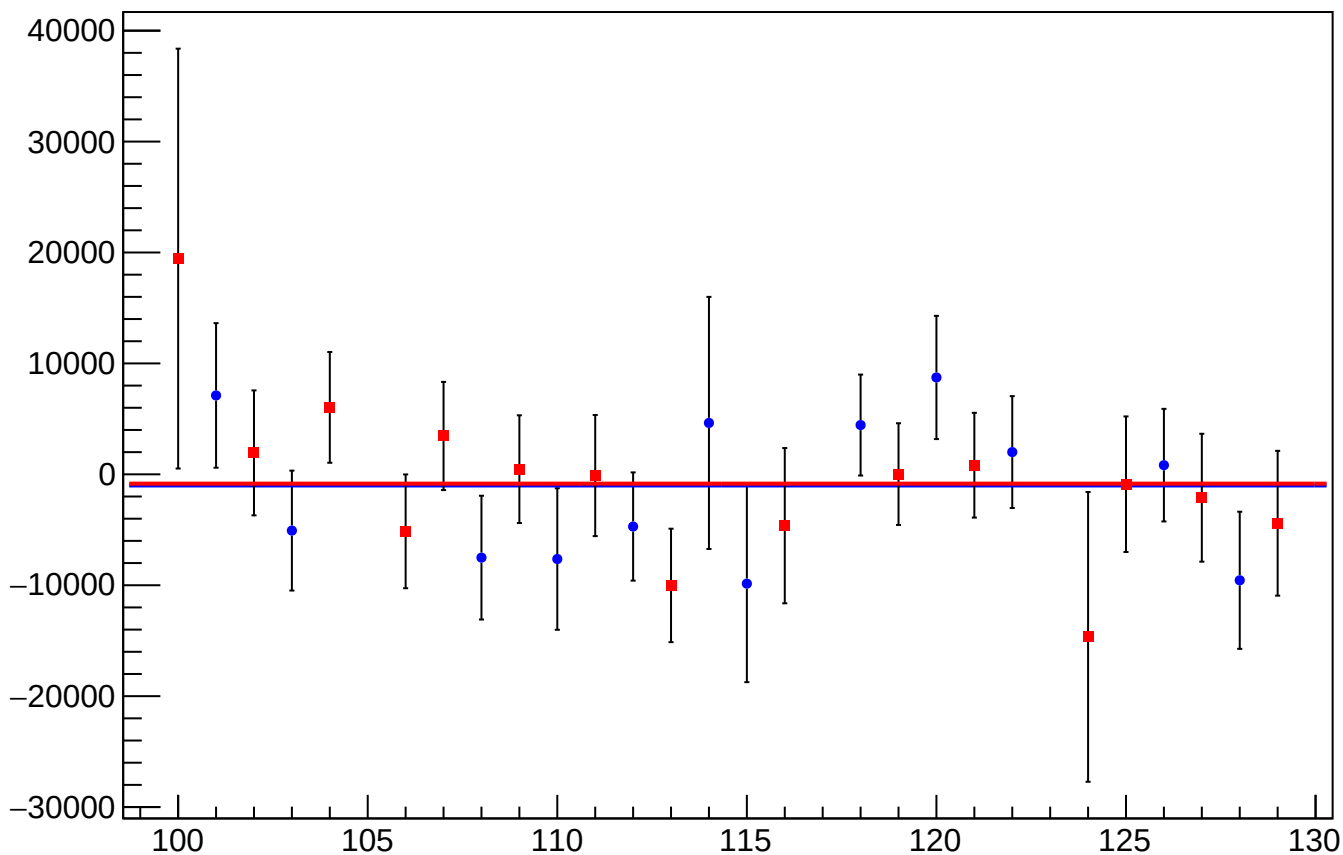
Right: 3202.560+/-0.700 χ^2/NDF : 781412.5/26

In: 3375.169+/-1.079 χ^2/NDF : 161674.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3202.560+/-0.700 χ^2/NDF : 781412.5/26

asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -1002.920+/-1662.422 χ^2/NDF : 13.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

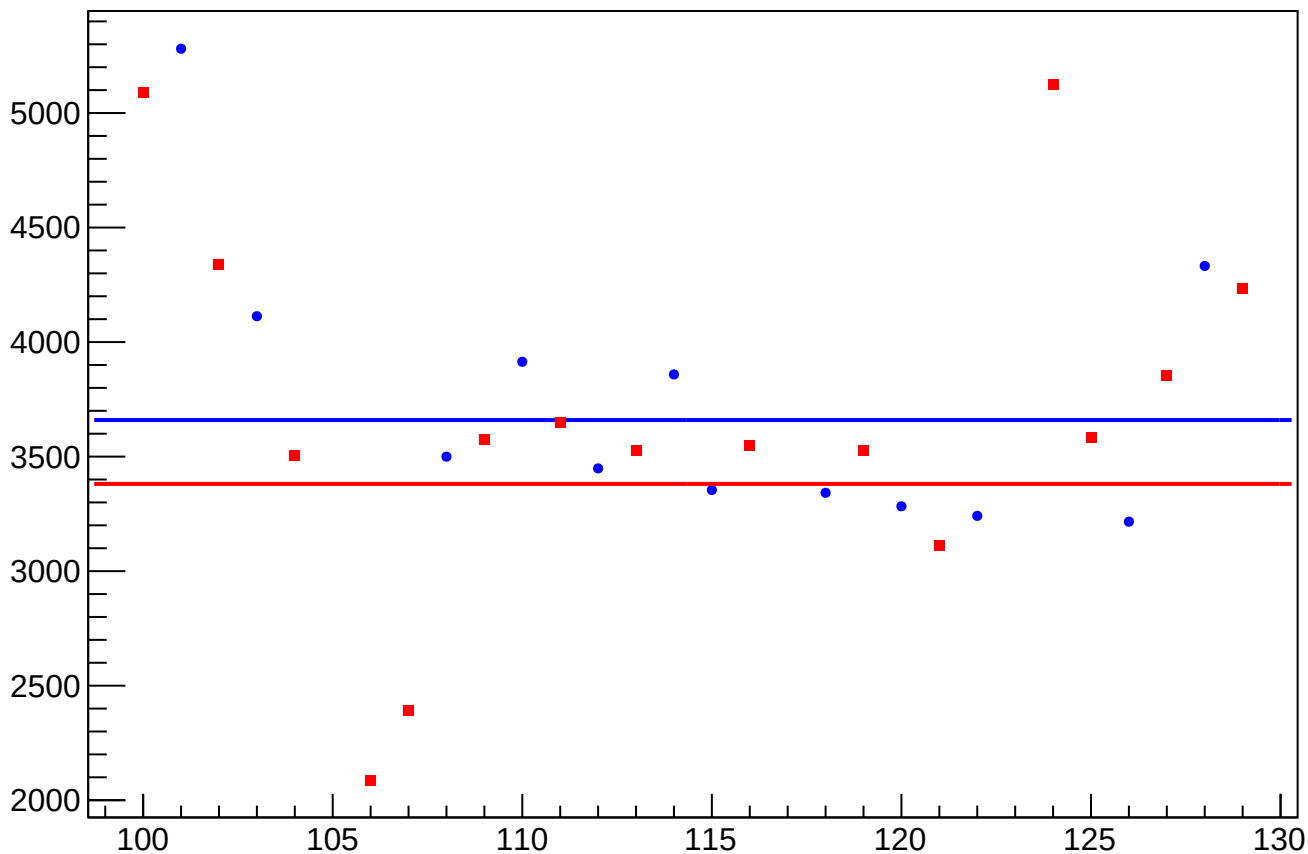
Right: -911.131+/-1097.972 χ^2/NDF : 23.3/26

In: -1002.920+/-1662.422 χ^2/NDF : 13.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -911.131+/-1097.972 χ^2/NDF : 23.3/26

asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 3659.613+/-1.175 χ^2/NDF : 220965.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

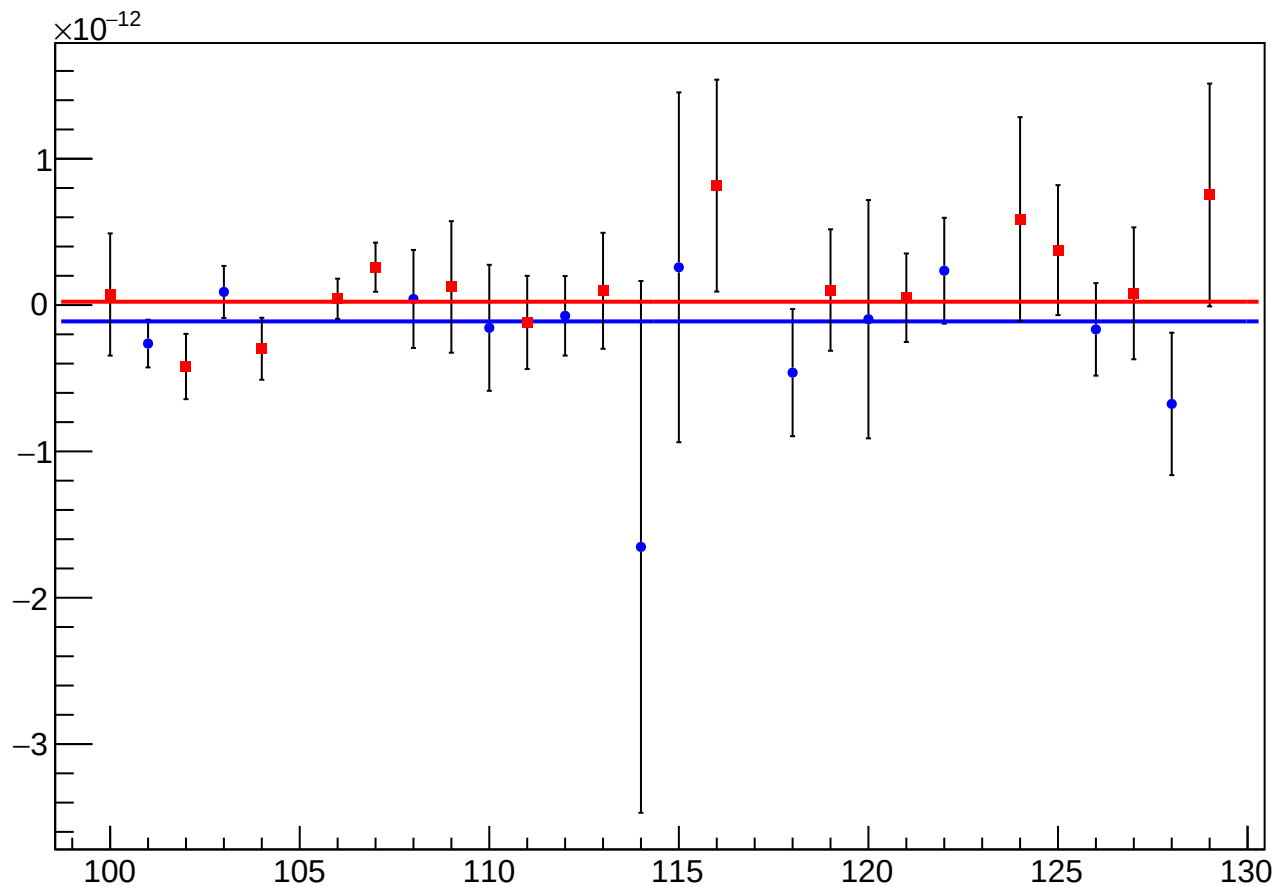
Right: 3500.182+/-0.769 χ^2/NDF : 694561.6/26

In: 3659.613+/-1.175 χ^2/NDF : 220965.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3500.182+/-0.769 χ^2/NDF : 694561.6/26

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.1/11

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

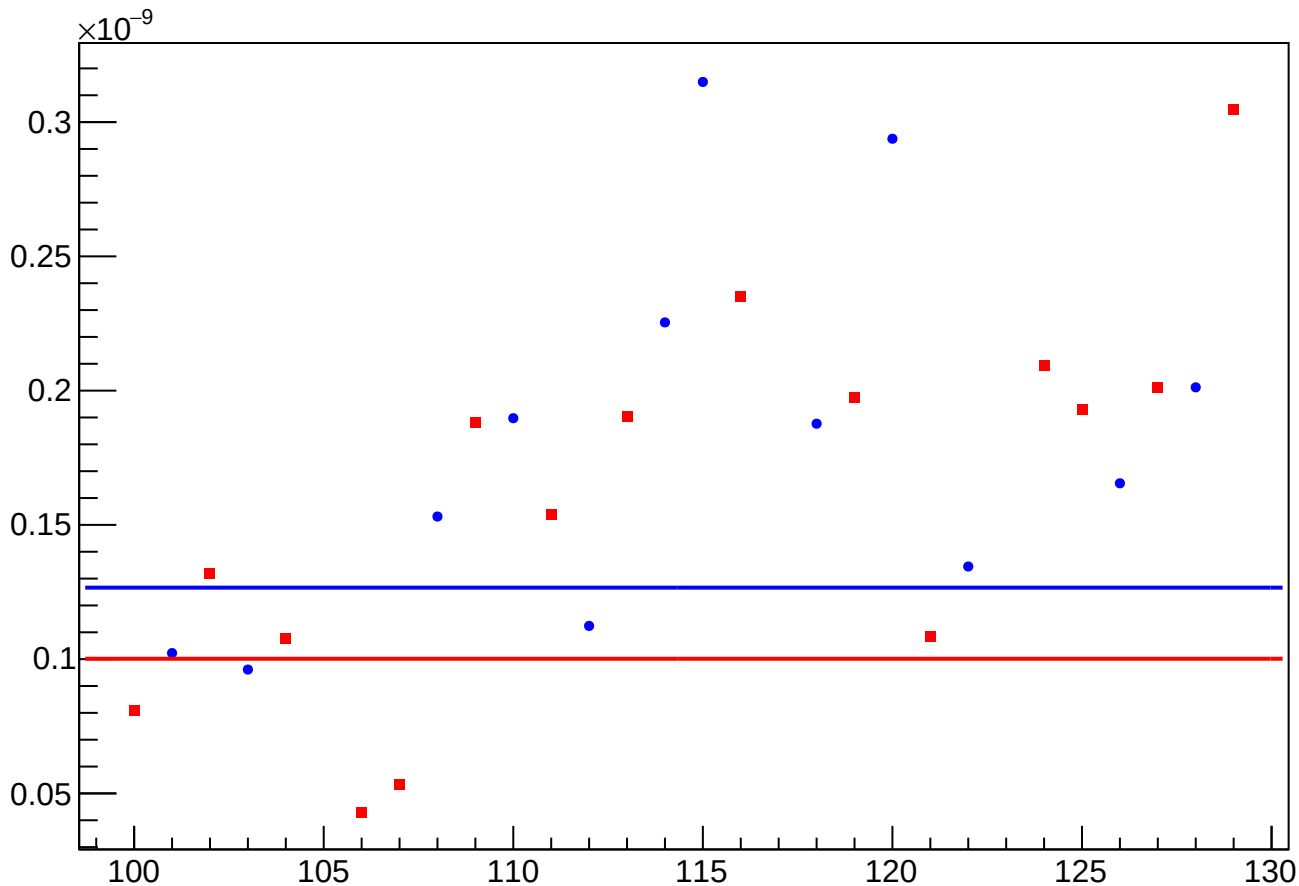
Right: -0.000+/-0.000 χ^2/NDF : 19.5/26

In: -0.000+/-0.000 χ^2/NDF : 6.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.5/26

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 422104.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

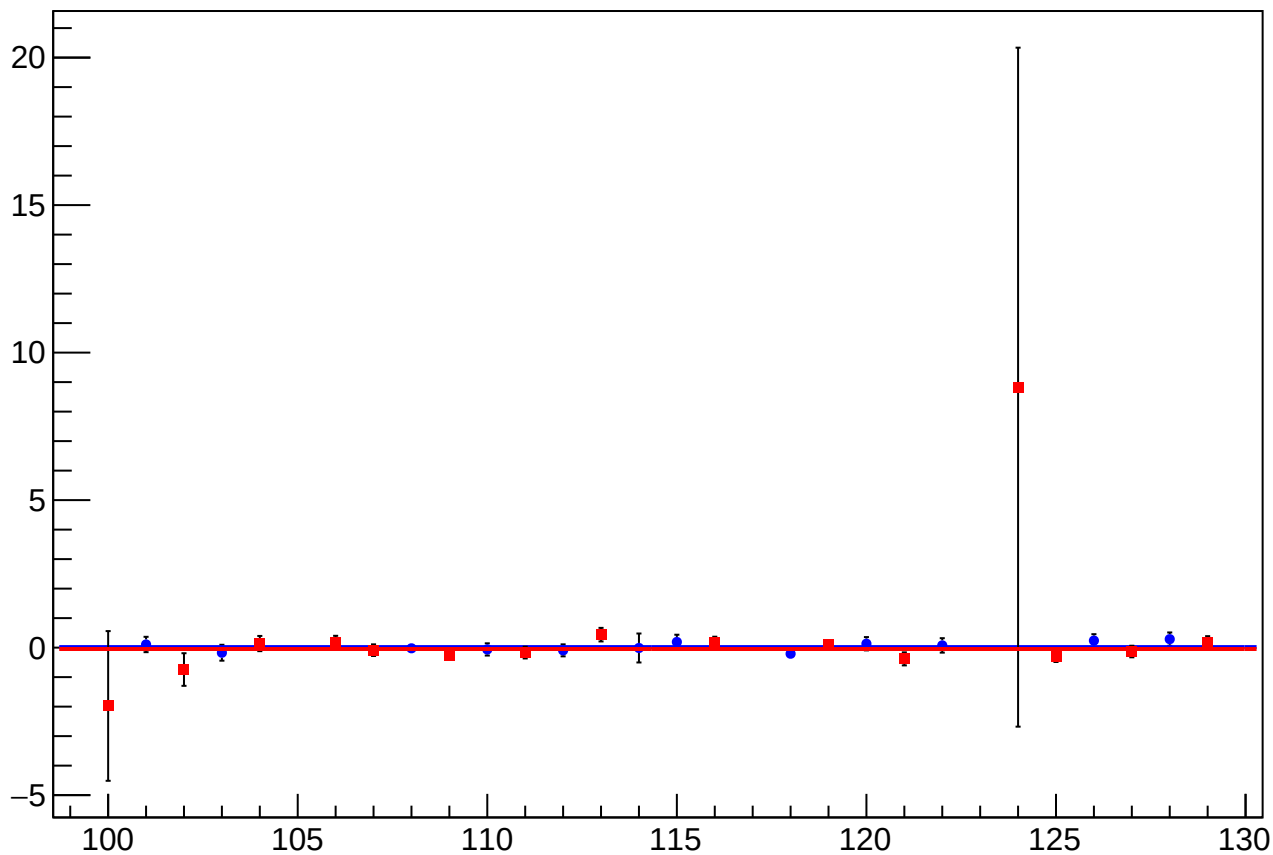
Right: 0.000+/-0.000 χ^2/NDF : 1878712.5/26

In: 0.000+/-0.000 χ^2/NDF : 422104.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1878712.5/26

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.063 χ^2/NDF : 6.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.047+/-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

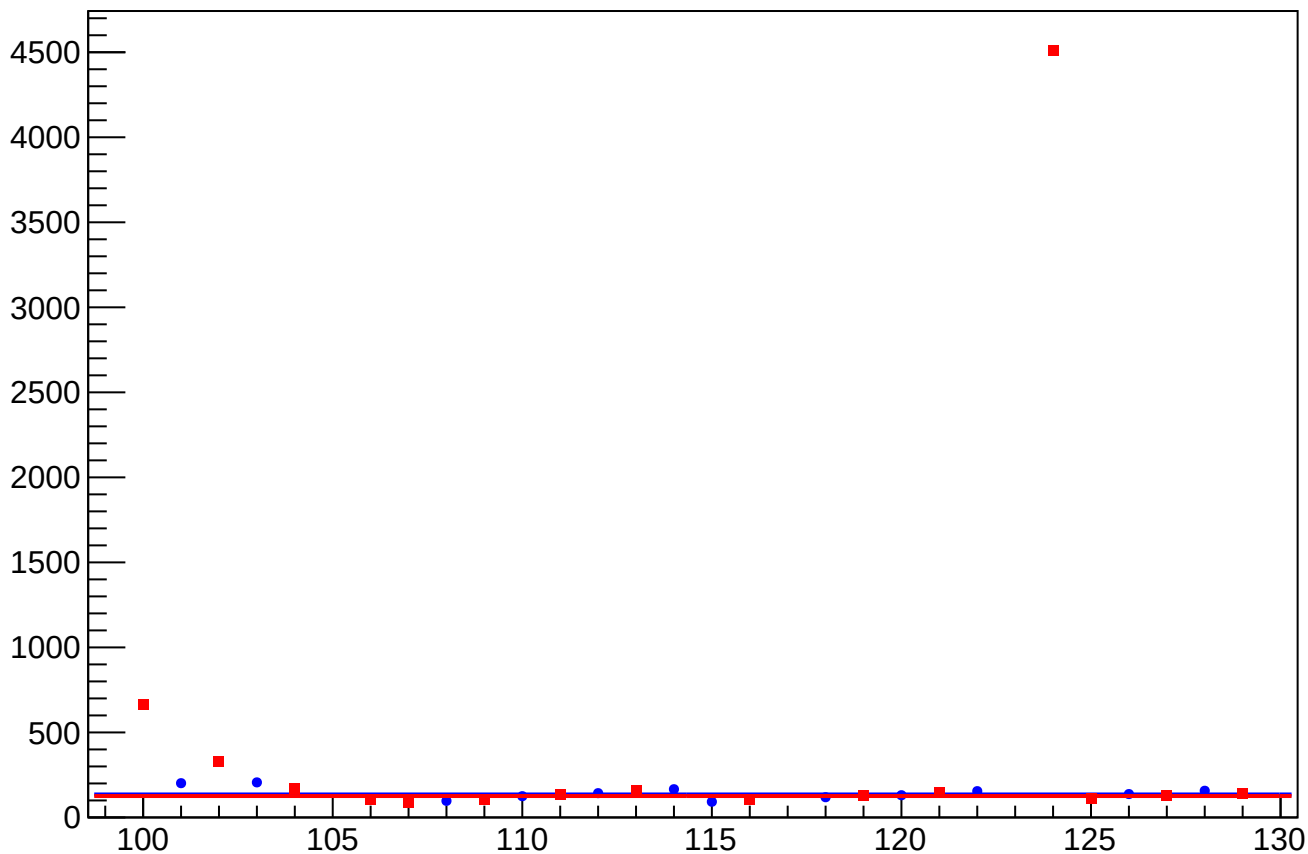
Right: -0.018+/-0.042 χ^2/NDF : 24.8/26

In: 0.018+/-0.063 χ^2/NDF : 6.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.018+/-0.042 χ^2/NDF : 24.8/26

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 135.116+/-0.045 χ^2/NDF : 507194.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

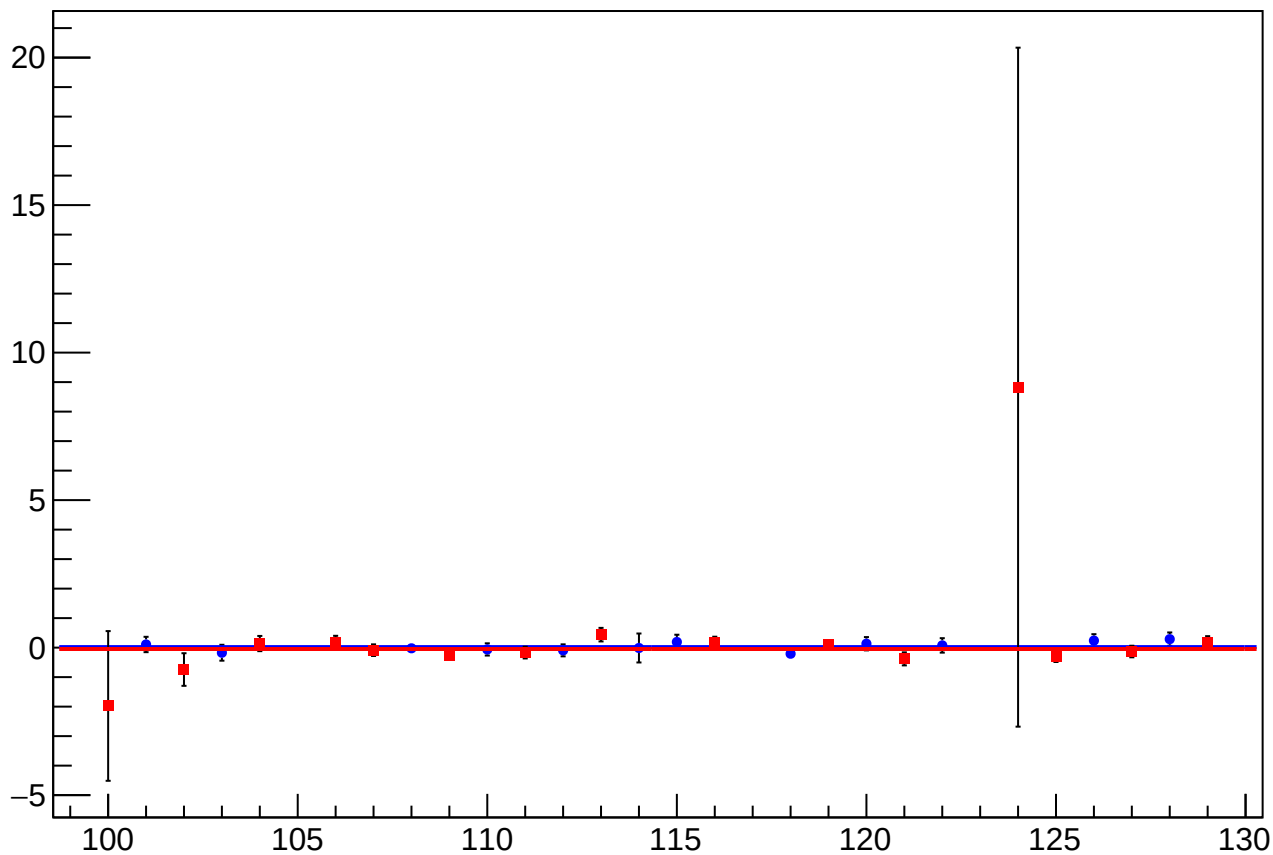
Right: 130.107+/-0.030 χ^2/NDF : 1451519.6/26

In: 135.116+/-0.045 χ^2/NDF : 507194.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.107+/-0.030 χ^2/NDF : 1451519.6/26

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.063 χ^2/NDF : 6.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.047+/-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

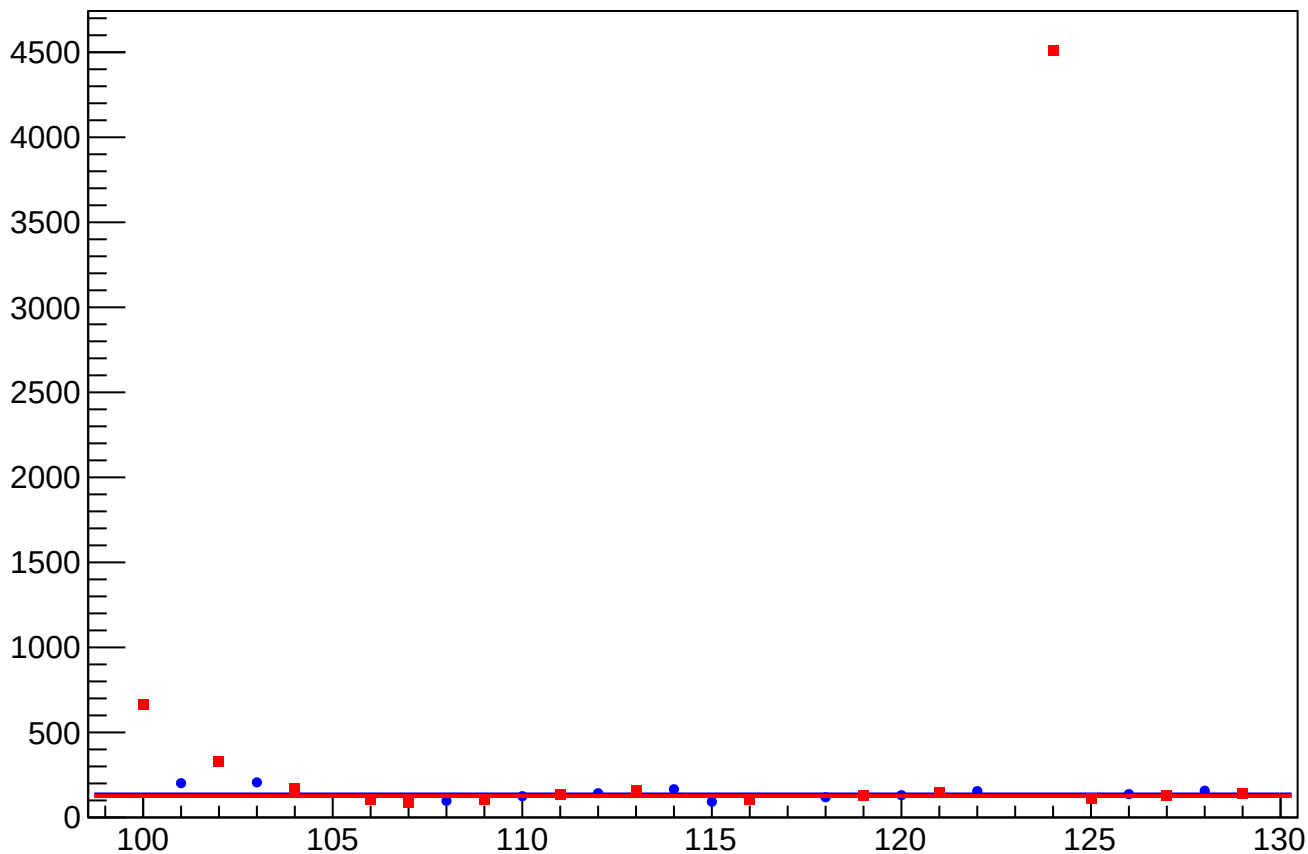
Right: -0.018+/-0.042 χ^2/NDF : 24.8/26

In: 0.018+/-0.063 χ^2/NDF : 6.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.018+/-0.042 χ^2/NDF : 24.8/26

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 135.116+/-0.045 χ^2/NDF : 507194.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

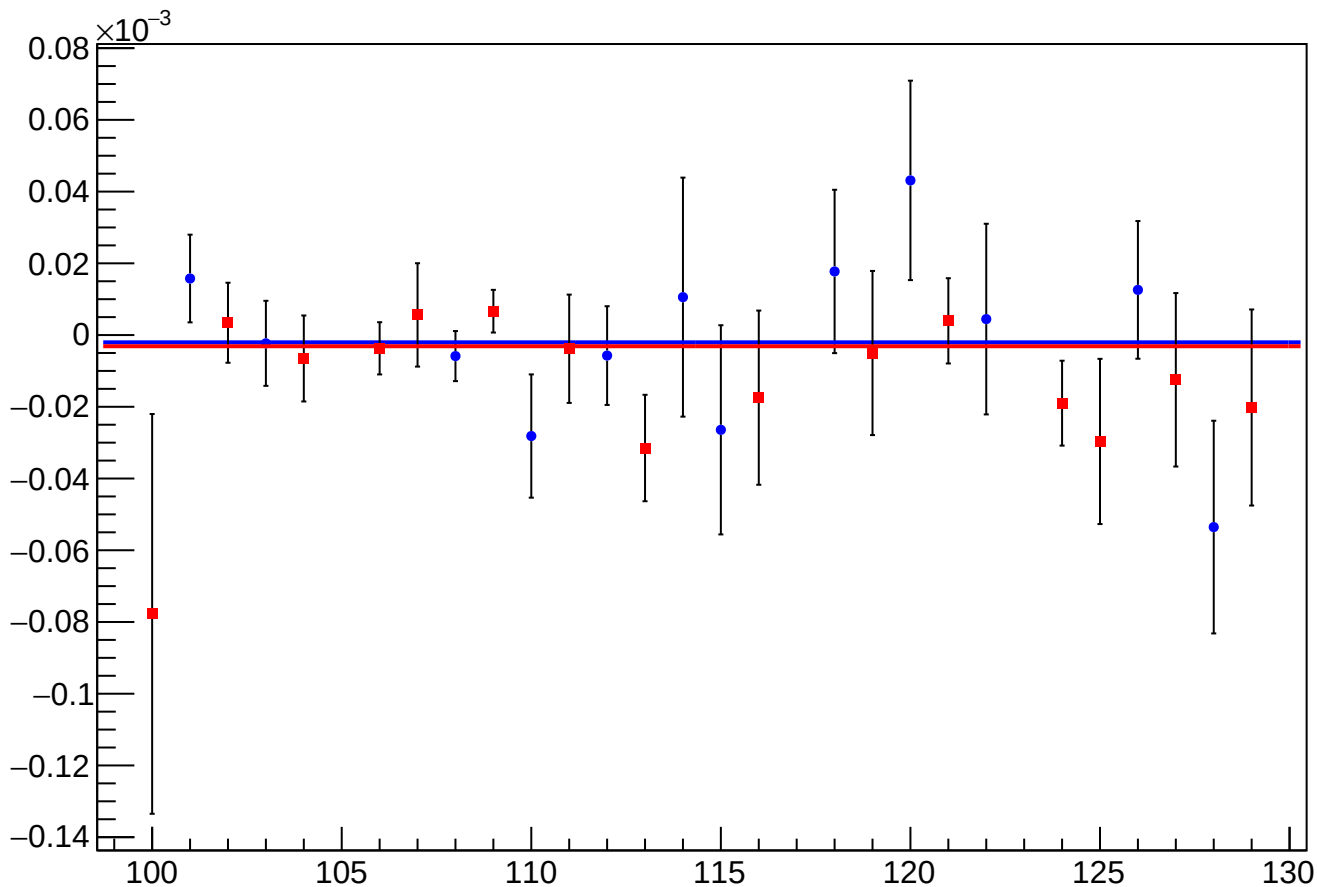
Right: 130.107+/-0.030 χ^2/NDF : 1451519.6/26

In: 135.116+/-0.045 χ^2/NDF : 507194.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.107+/-0.030 χ^2/NDF : 1451519.6/26

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 : 12.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

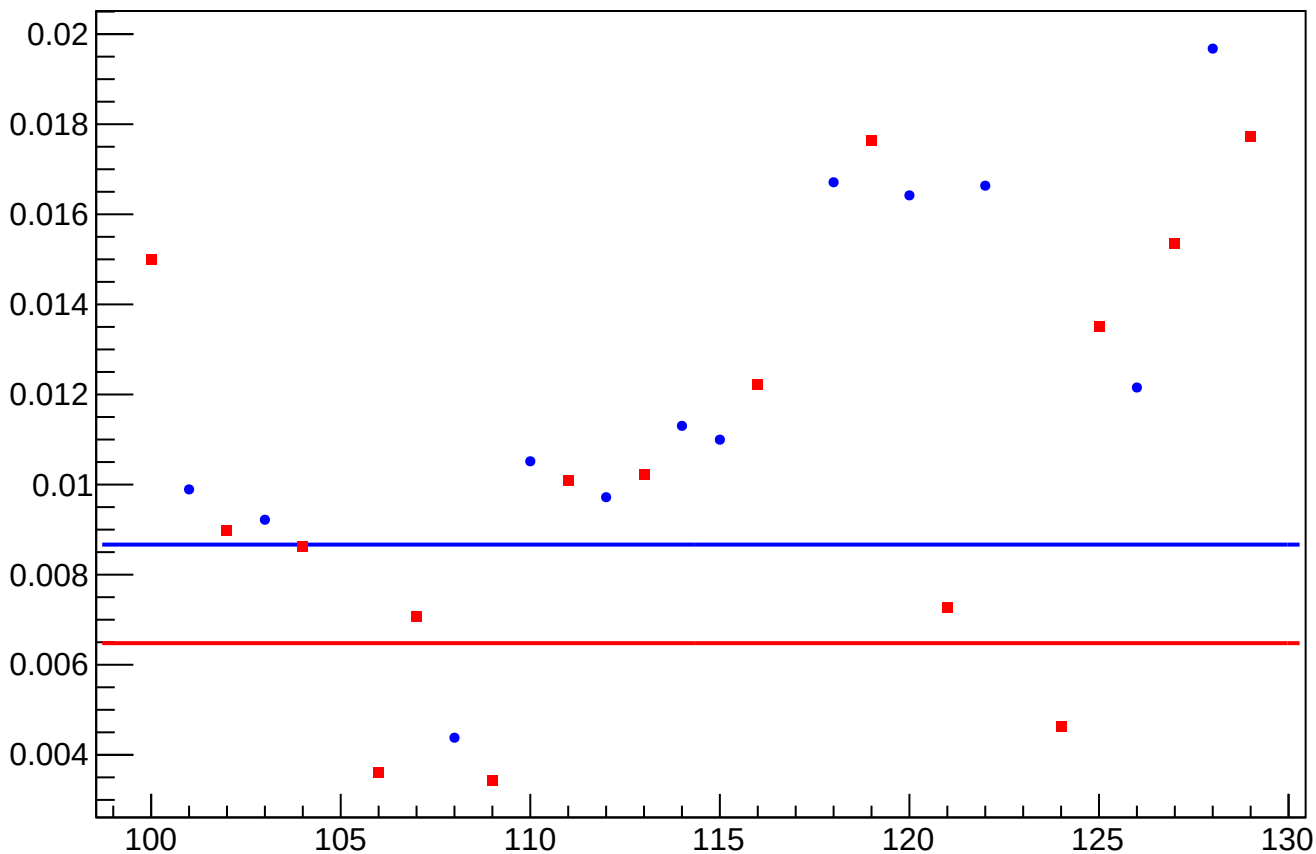
Right: -0.000+/-0.000 χ^2/NDF : 26.1/26

In: -0.000+/-0.000 χ^2/NDF : 12.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.1/26

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 : 1764471.4/11

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

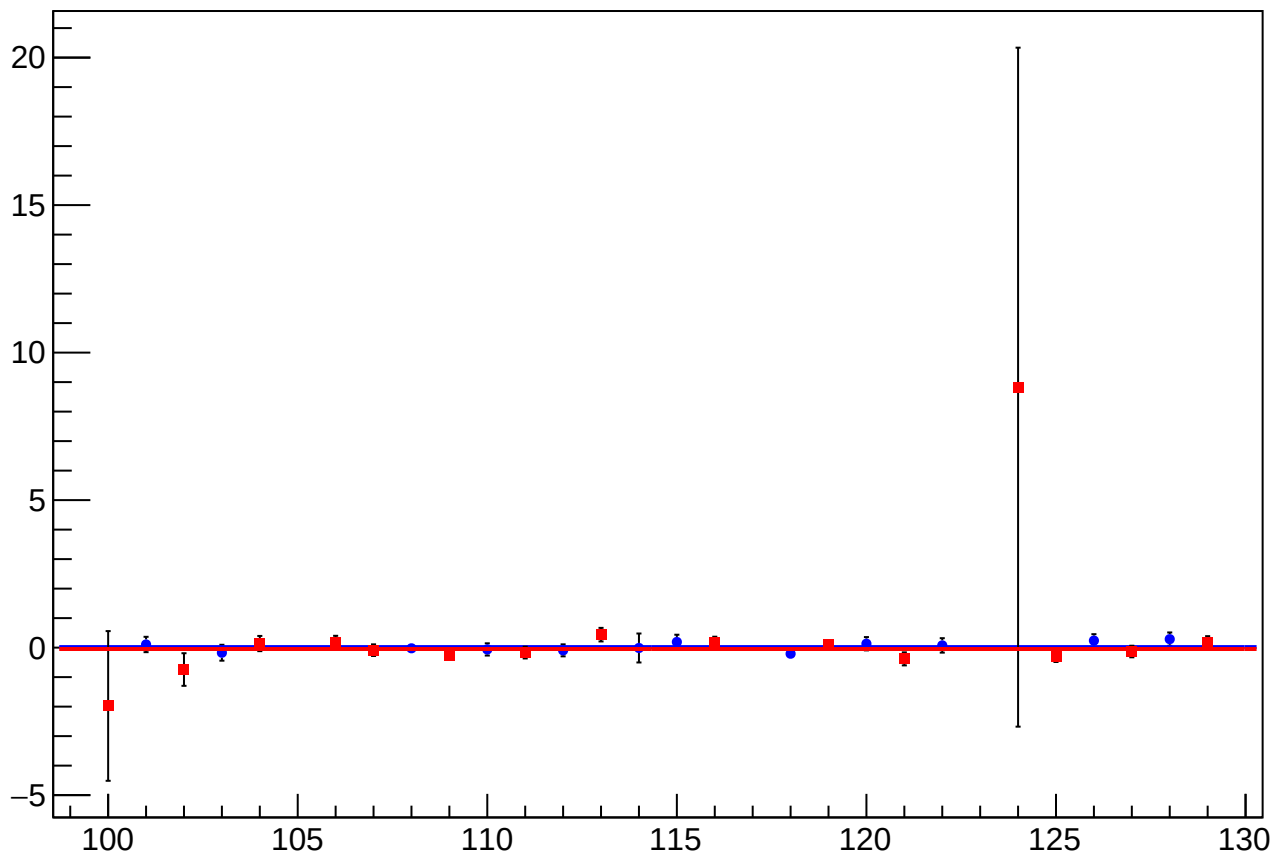
Right: 0.007+/-0.000 χ^2/NDF : 4826648.4/26

In: 0.009+/-0.000 χ^2/NDF : 1764471.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 4826648.4/26

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018 $\pm$ 0.063 χ^2 /NDF: 6.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.047 $\pm$ 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

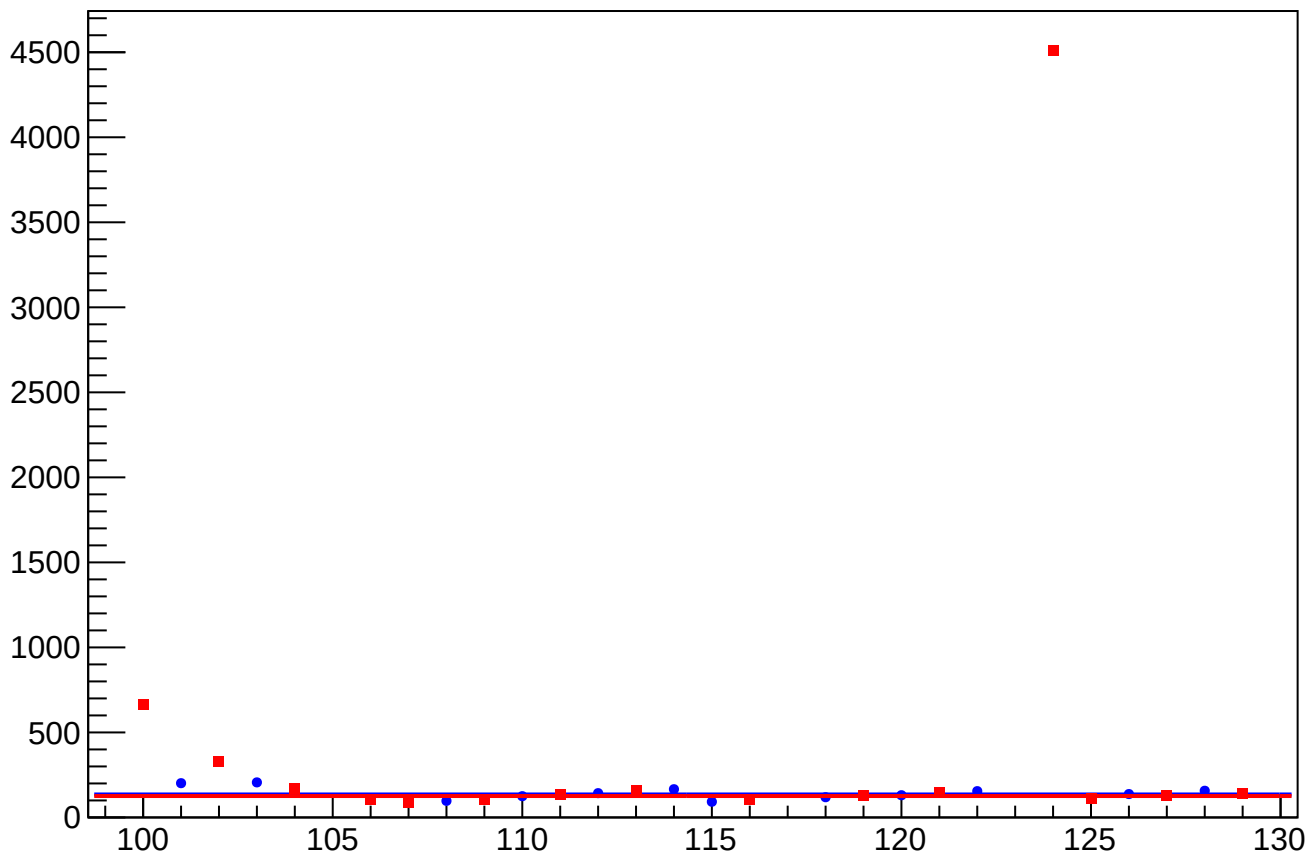
Right: -0.018 $\pm$ 0.042 χ^2 /NDF: 24.8/26

In: 0.018 $\pm$ 0.063 χ^2 /NDF:6.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.042 χ^2 /NDF: 24.8/26

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 135.117 $\pm$ 0.045 χ^2 /NDF: 507157.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 126.025 $\pm$ 0.040 χ^2 /NDF: 921476.1/14

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

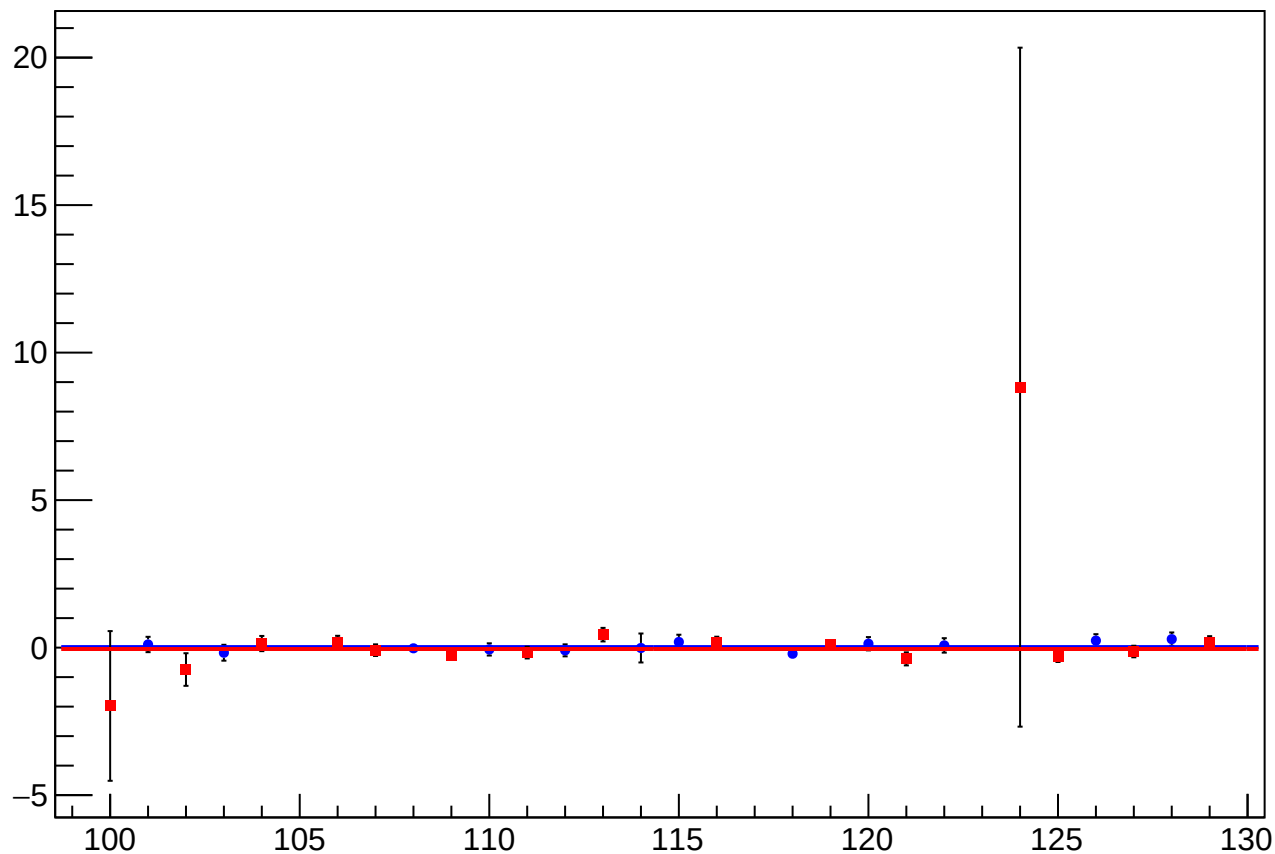
Right: 130.108 $\pm$ 0.030 χ^2 /NDF: 1451411.4/26

In: 135.117 $\pm$ 0.045 χ^2 /NDF:507157.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 130.108 $\pm$ 0.030 χ^2 /NDF: 1451411.4/26

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018 $\pm$ 0.063 χ^2 /NDF: 6.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.047 $\pm$ 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

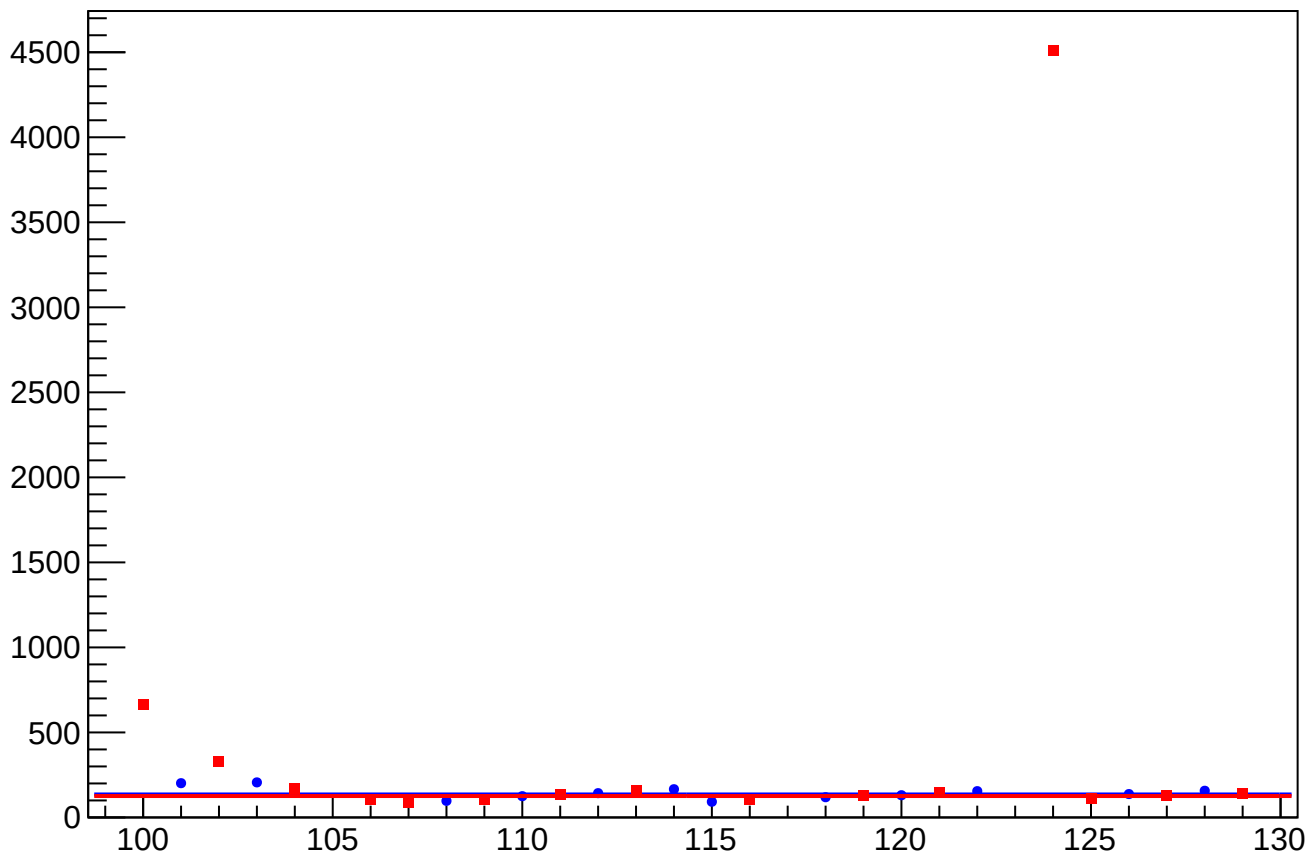
Right: -0.018 $\pm$ 0.042 χ^2 /NDF: 24.8/26

In: 0.018 $\pm$ 0.063 χ^2 /NDF:6.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.042 χ^2 /NDF: 24.8/26

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 135.117+/-0.045 χ^2/NDF : 507157.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

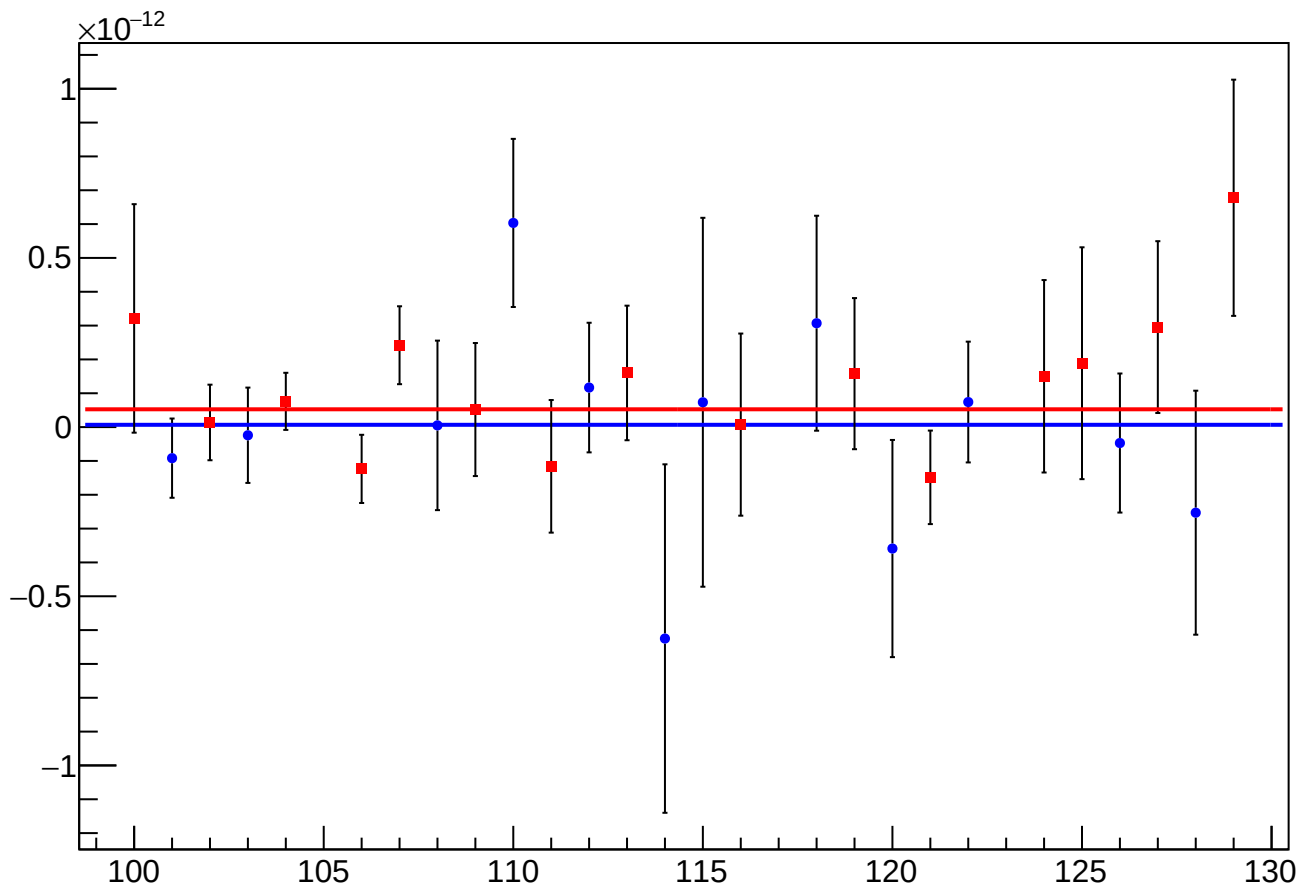
Right: 130.108+/-0.030 χ^2/NDF : 1451411.4/26

In: 135.117+/-0.045 χ^2/NDF : 507157.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.108+/-0.030 χ^2/NDF : 1451411.4/26

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 : 11.3/11

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

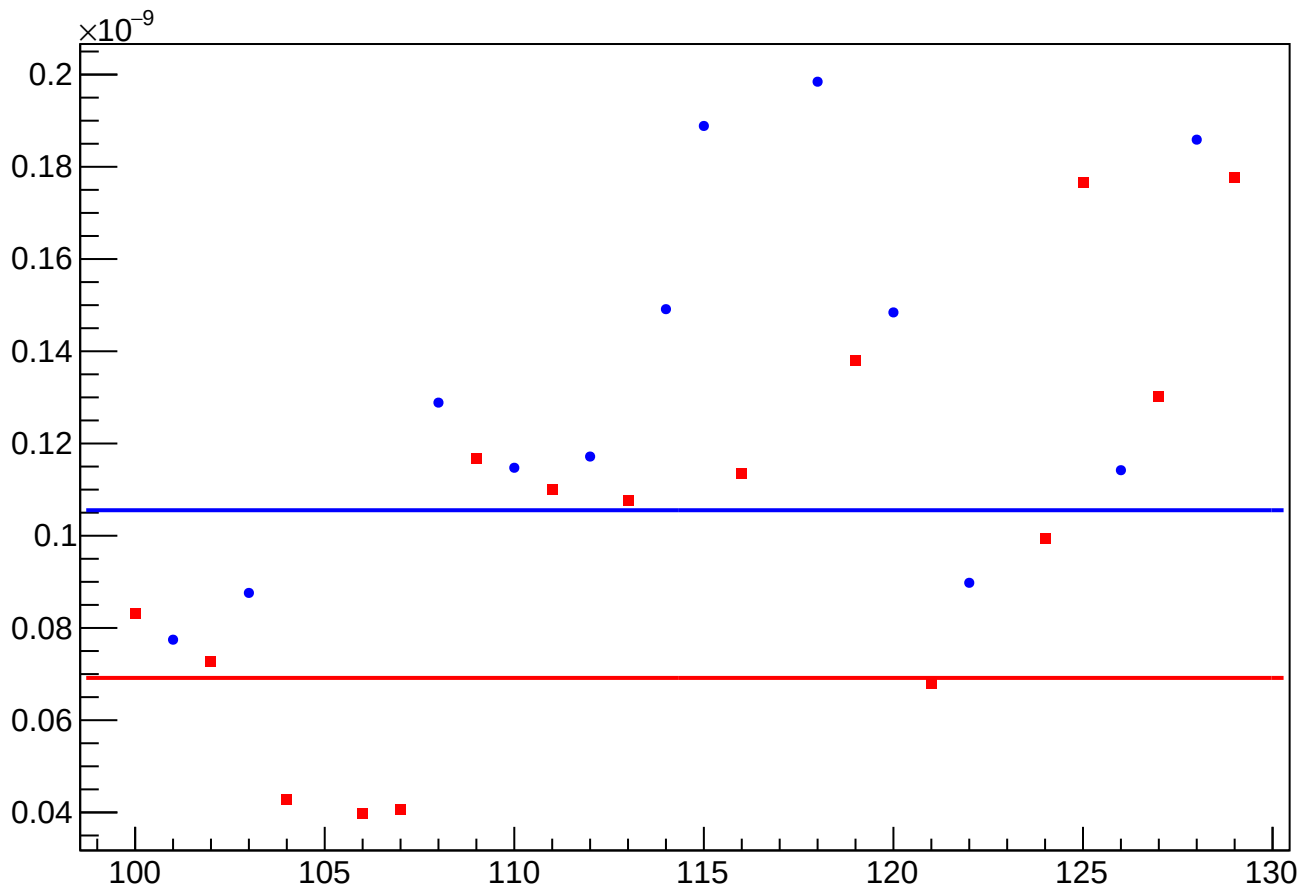
Right: 0.000+/-0.000 χ^2/NDF : 26.1/26

In: 0.000+/-0.000 χ^2/NDF : 11.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.1/26

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 : 561137.4/11

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

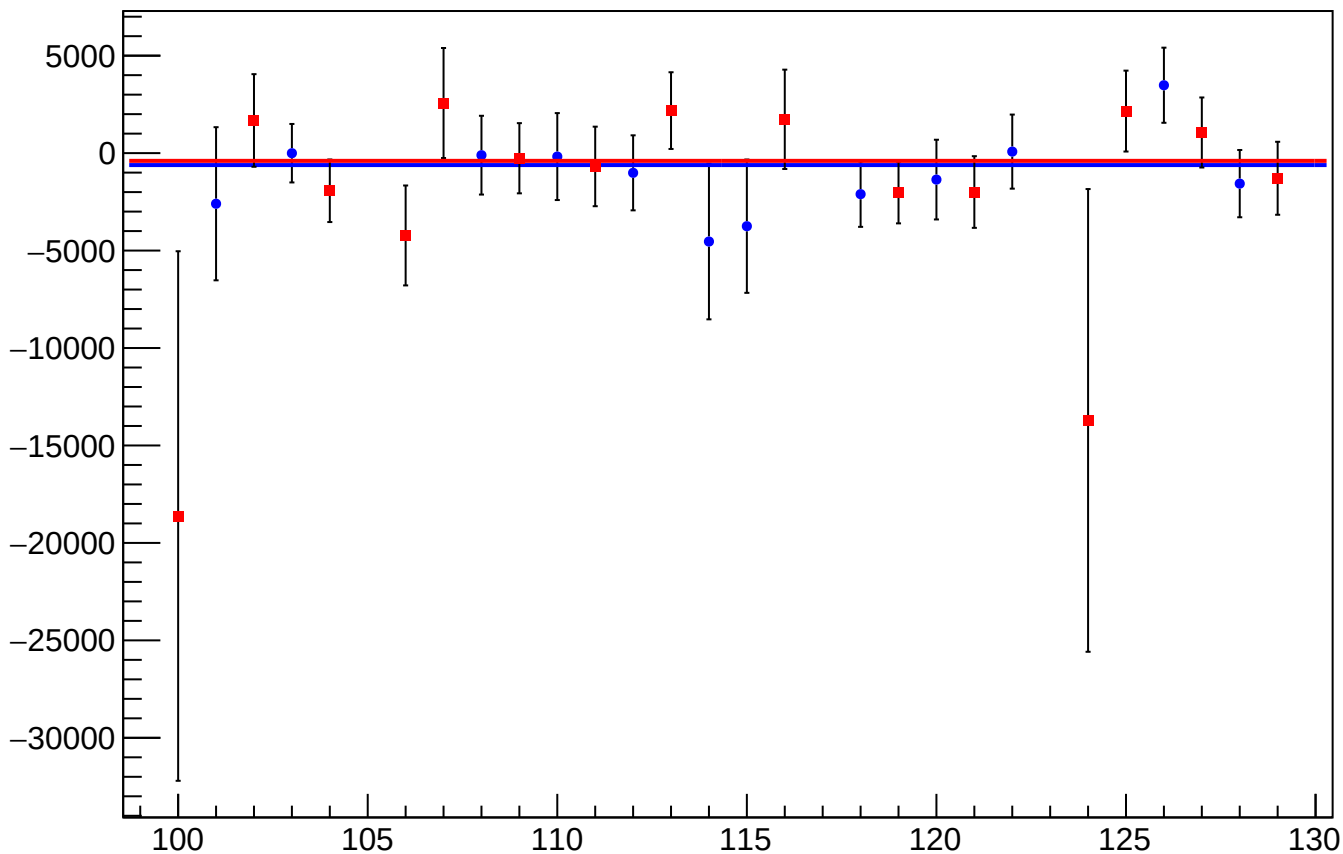
Right: 0.000+/-0.000 χ^2/NDF : 2602985.0/26

In: 0.000+/-0.000 χ^2/NDF :561137.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2602985.0/26

reg_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -613.443+/-592.466 χ^2/NDF : 8.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

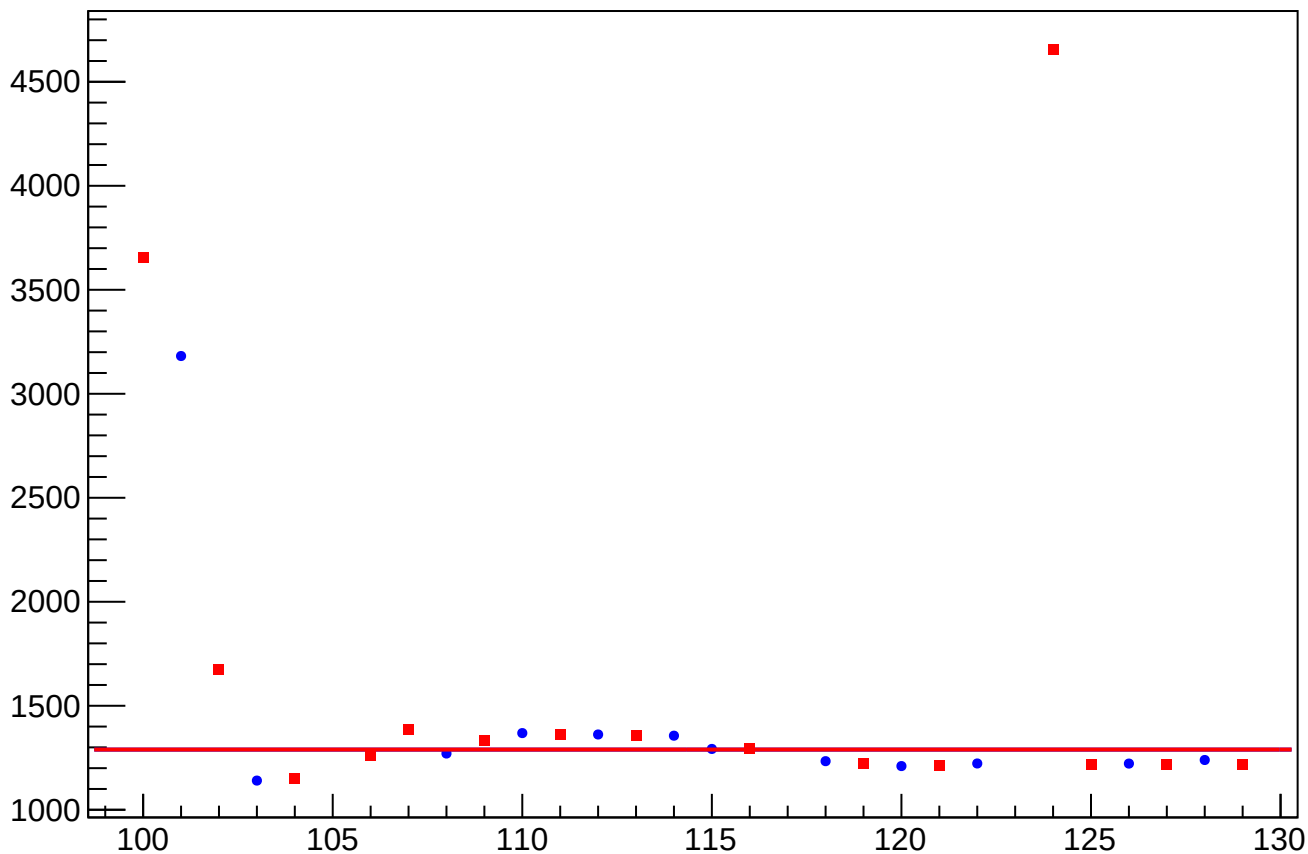
Right: -496.389+/-402.016 χ^2/NDF : 23.0/26

In: -613.443+/-592.466 χ^2/NDF : 8.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -496.389+/-402.016 χ^2/NDF : 23.0/26

reg_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1289.215+/-0.419 χ^2/NDF : 501607.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

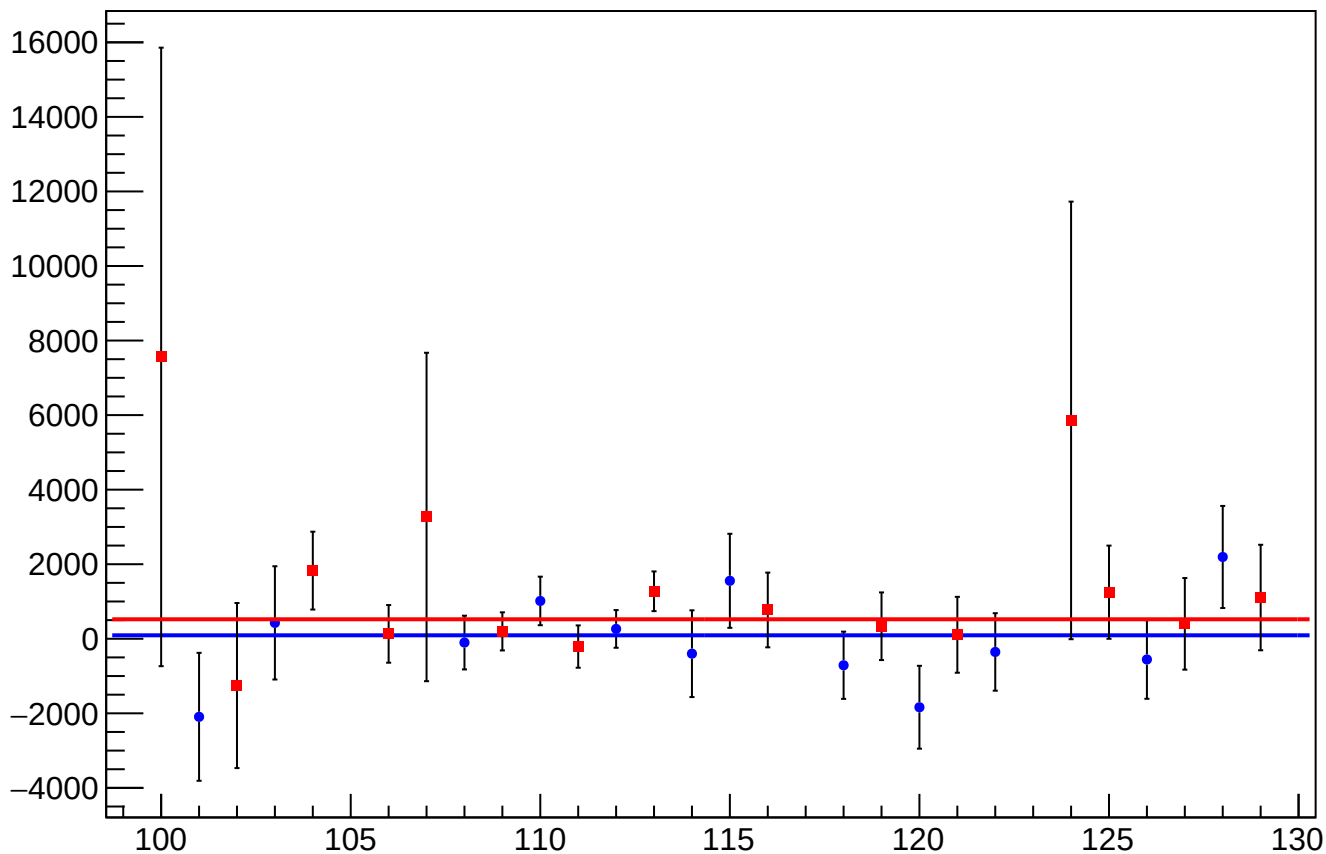
Right: 1289.357+/-0.284 χ^2/NDF : 815942.6/26

In: 1289.215+/-0.419 χ^2/NDF : 501607.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1289.357+/-0.284 χ^2/NDF : 815942.6/26

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 92.983+/-260.504 χ^2/NDF : 12.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

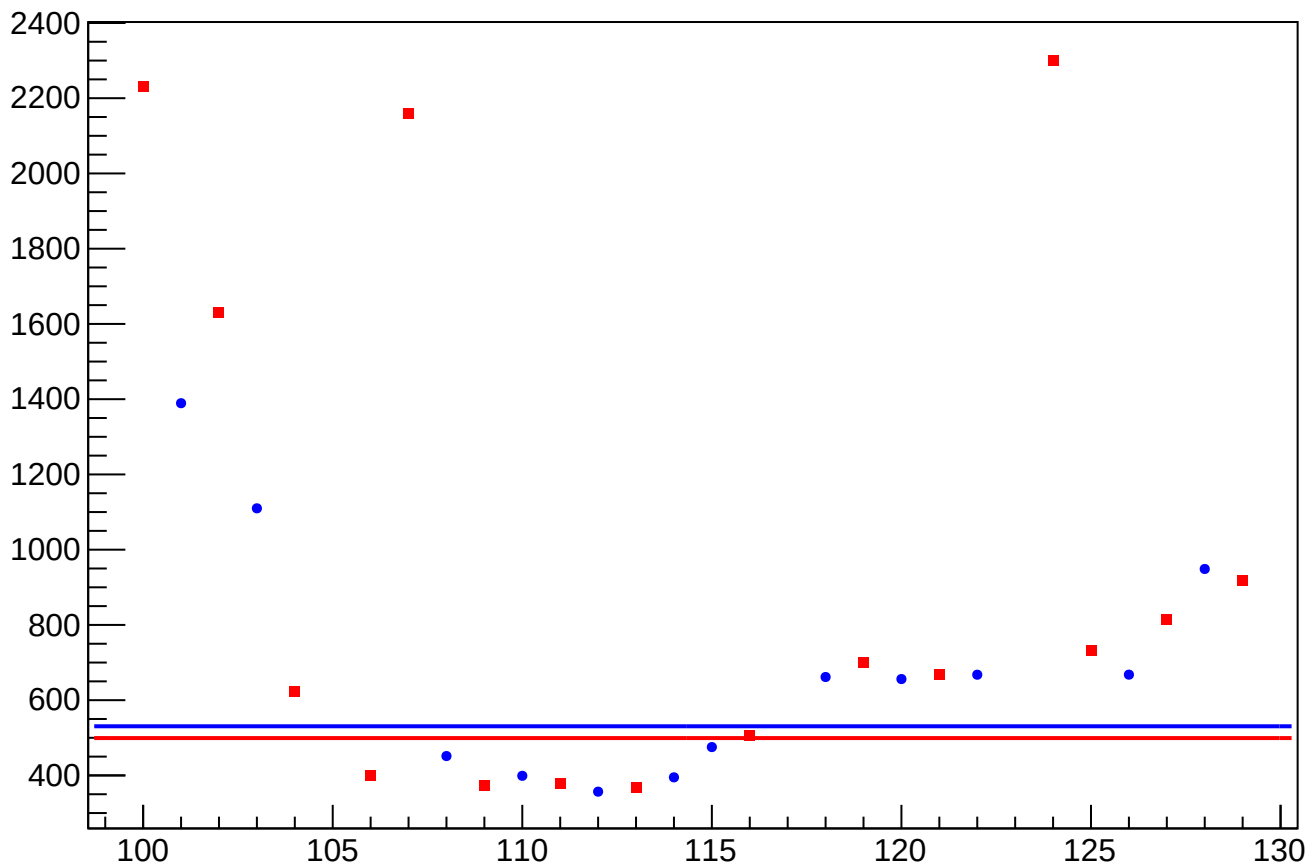
Right: 331.319+/-173.920 χ^2/NDF : 22.9/26

In: 92.983+/-260.504 χ^2/NDF : 12.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 331.319+/-173.920 χ^2/NDF : 22.9/26

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 530.629+/-0.184 χ^2/NDF : 1487662.1/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

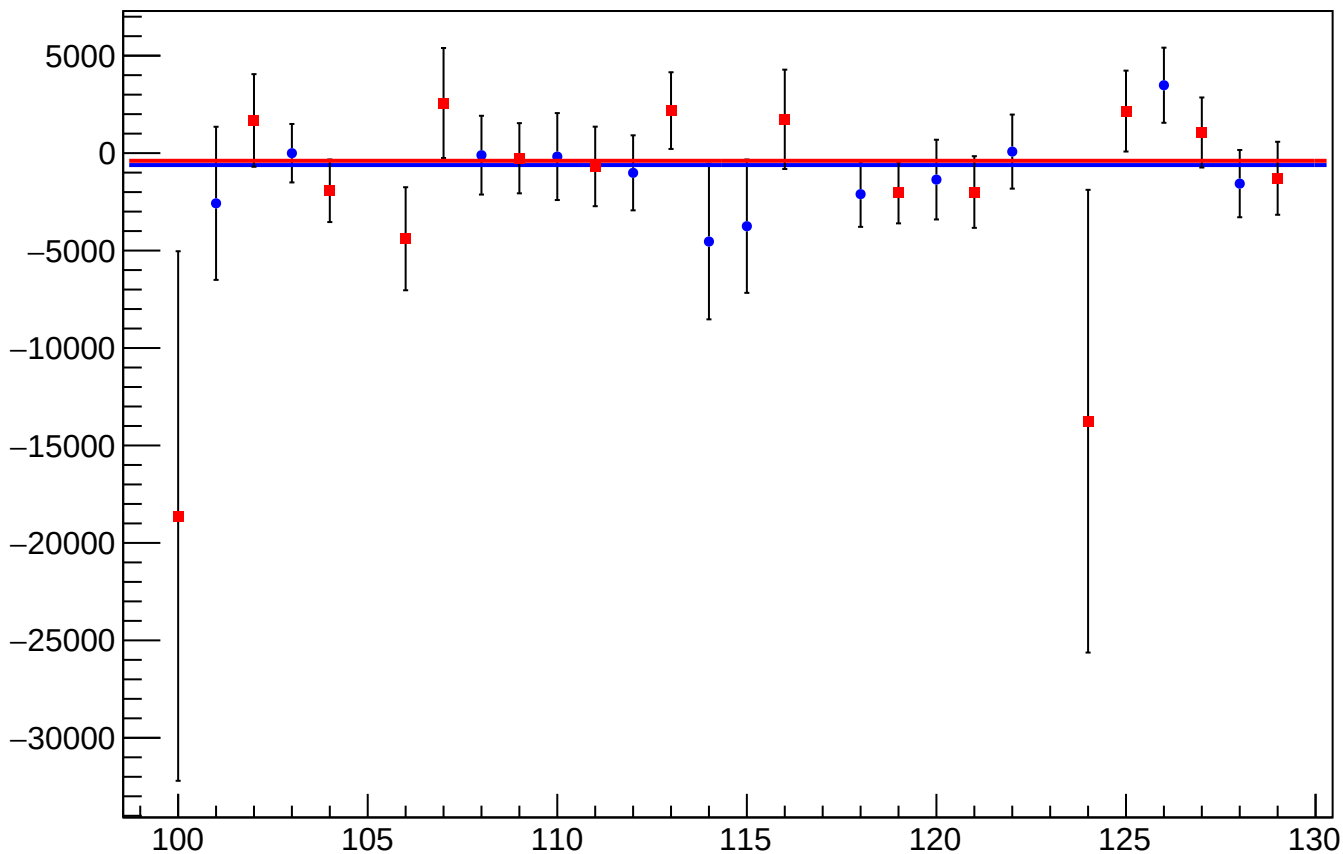
Right: 513.245+/-0.123 χ^2/NDF : 3509380.3/26

In: 530.629+/-0.184 χ^2/NDF :1487662.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 513.245+/-0.123 χ^2/NDF : 3509380.3/26

cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -612.868+/-592.467 χ^2/NDF : 8.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

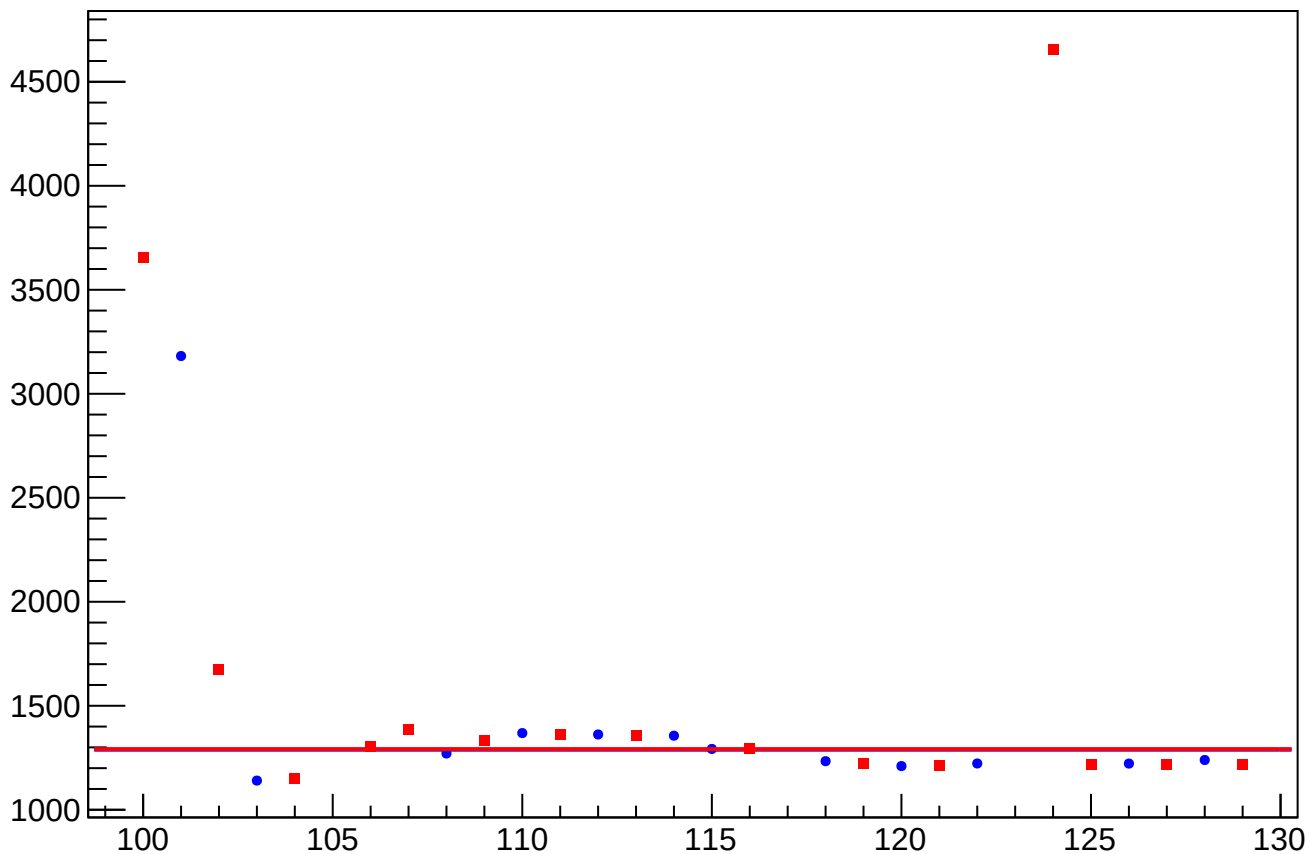
Right: -494.632+/-402.312 χ^2/NDF : 23.1/26

In: -612.868+/-592.467 χ^2/NDF : 8.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -494.632+/-402.312 χ^2/NDF : 23.1/26

cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1289.215+/-0.419 χ^2/NDF : 501608.5/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

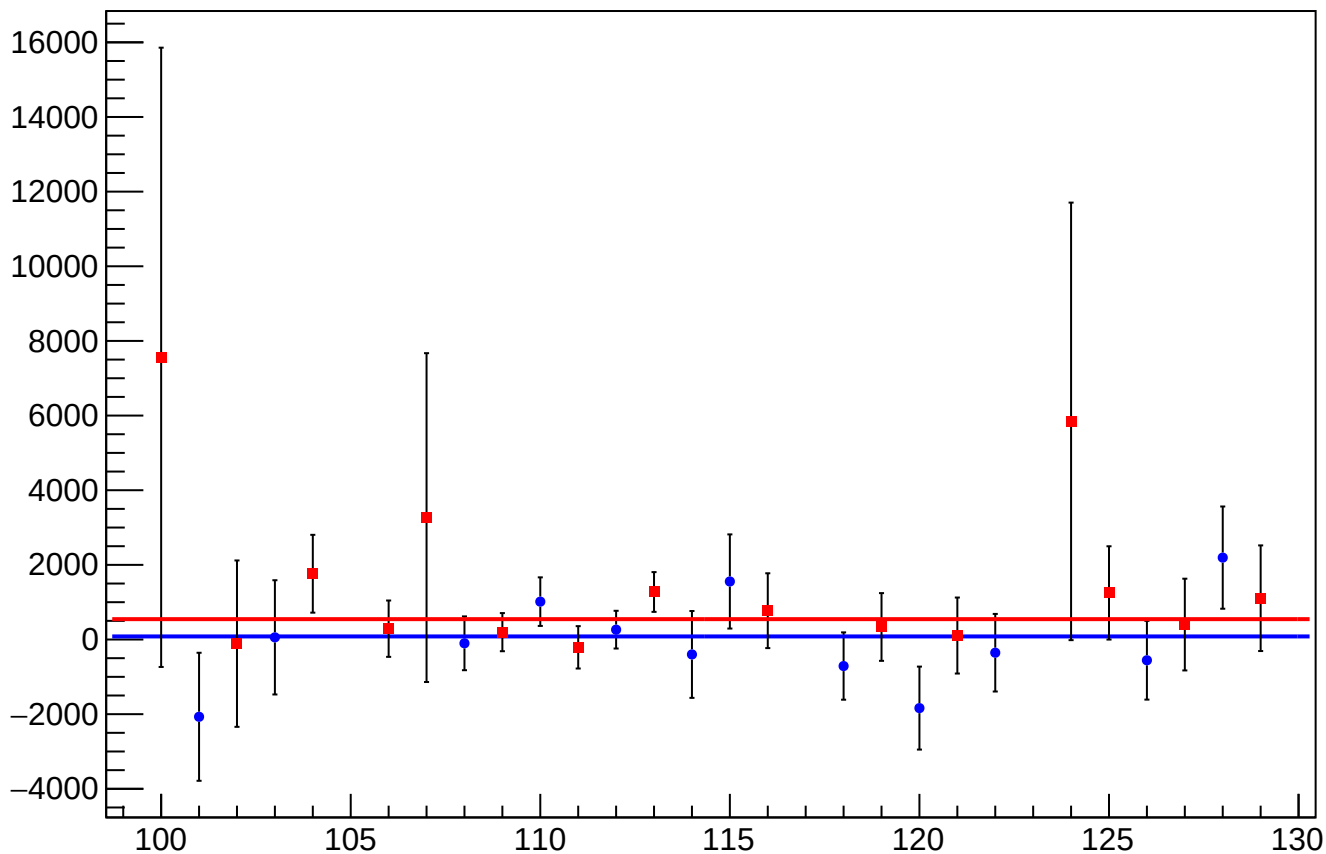
Right: 1290.340+/-0.284 χ^2/NDF : 815782.5/26

In: 1289.215+/-0.419 χ^2/NDF :501608.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1290.340+/-0.284 χ^2/NDF : 815782.5/26

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 82.712+/-260.558 χ^2/NDF : 12.0/11

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

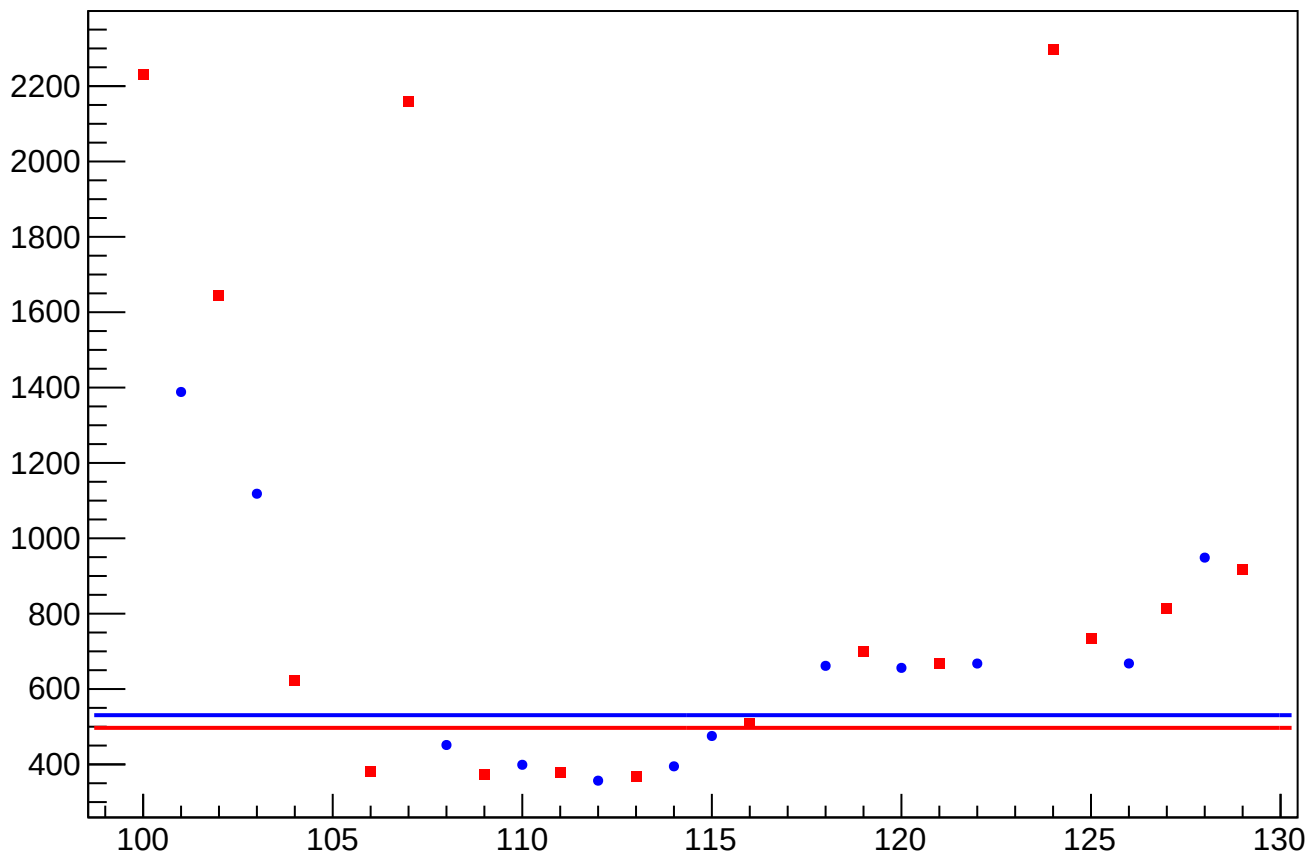
Right: 339.999+/-173.720 χ^2/NDF : 22.1/26

In: 82.712+/-260.558 χ^2/NDF : 12.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 339.999+/-173.720 χ^2/NDF : 22.1/26

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 530.631+/-0.184 χ^2/NDF : 1491327.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

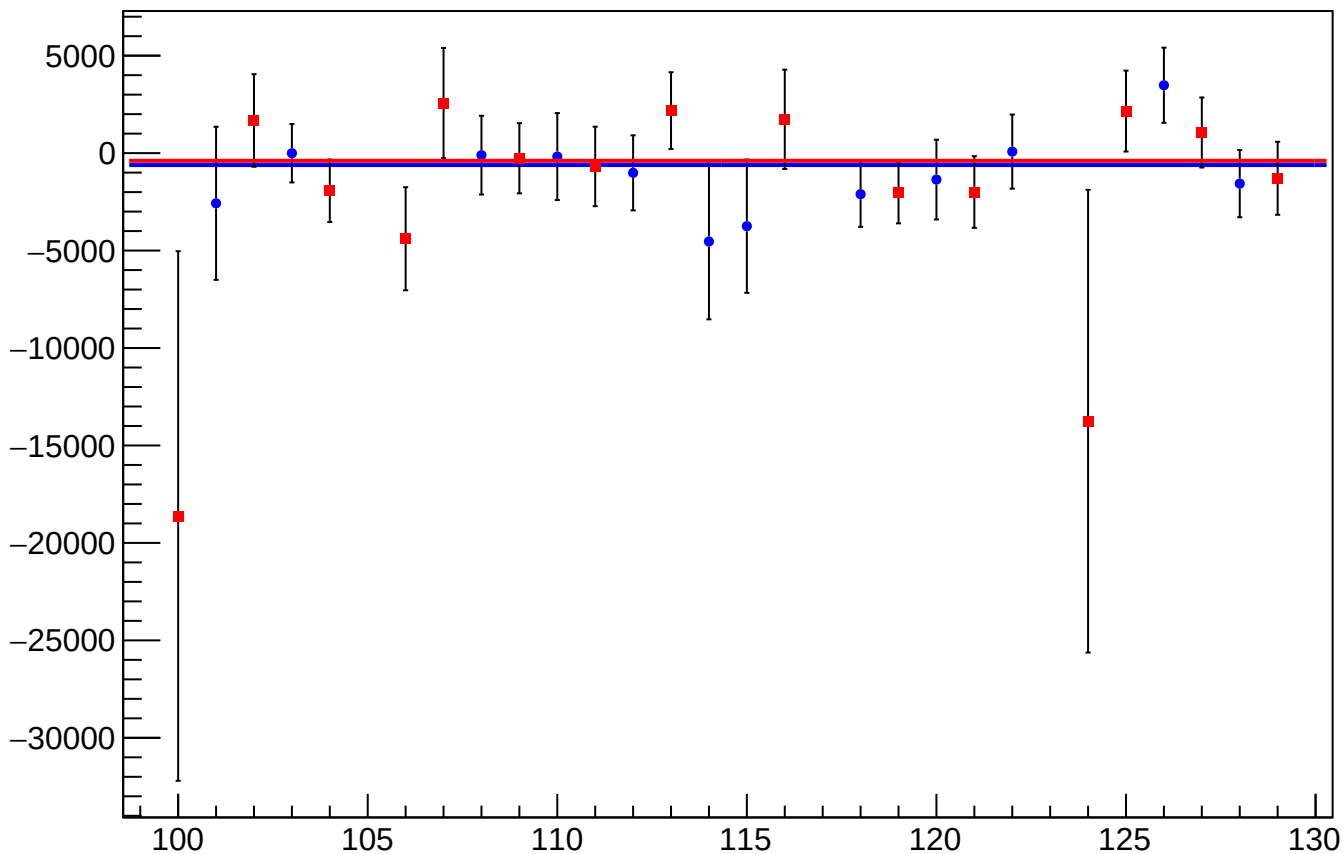
Right: 511.925+/-0.123 χ^2/NDF : 3538552.4/26

In: 530.631+/-0.184 χ^2/NDF : 1491327.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 511.925+/-0.123 χ^2/NDF : 3538552.4/26

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -612.868+/-592.467 χ^2/NDF : 8.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

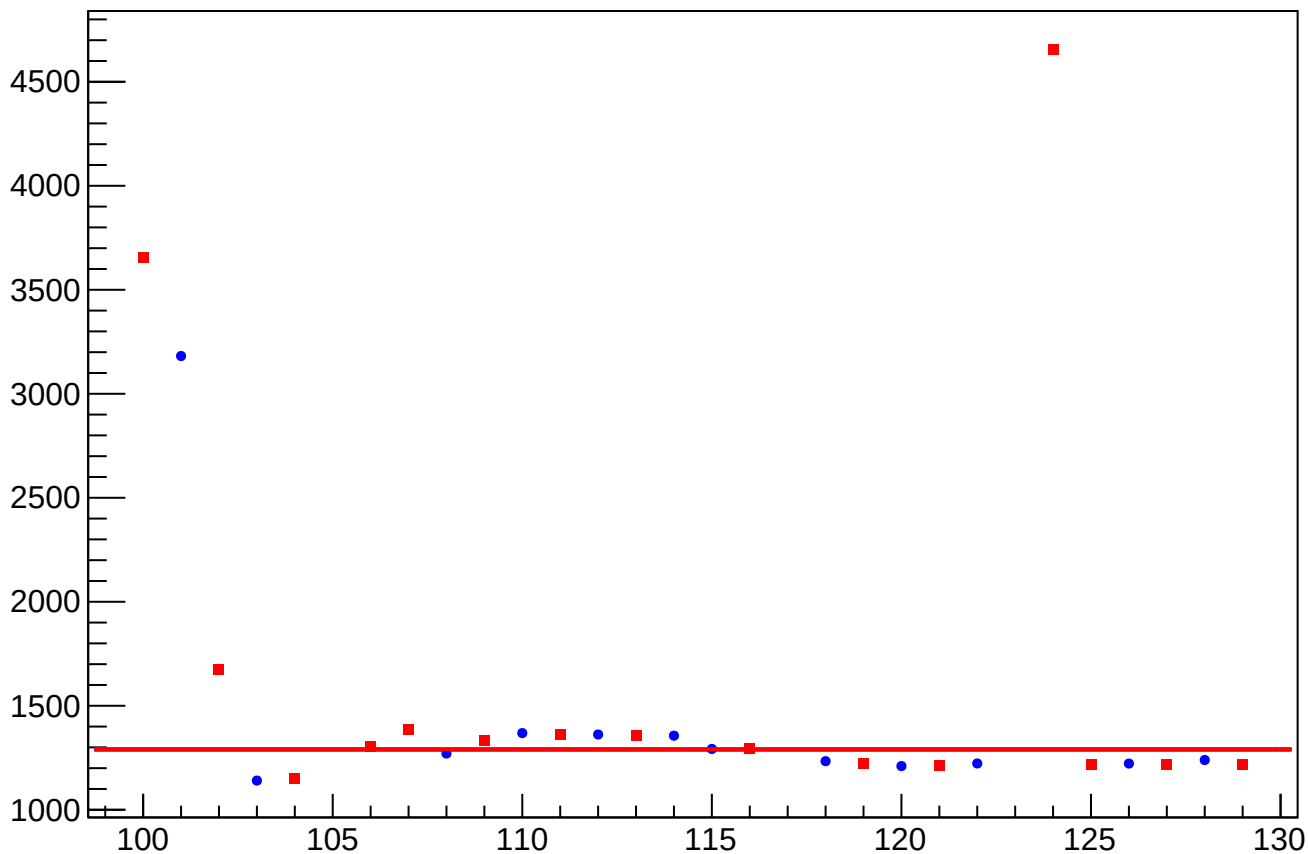
Right: -494.632+/-402.312 χ^2/NDF : 23.1/26

In: -612.868+/-592.467 χ^2/NDF : 8.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -494.632+/-402.312 χ^2/NDF : 23.1/26

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1289.215+/-0.419 χ^2/NDF : 501608.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

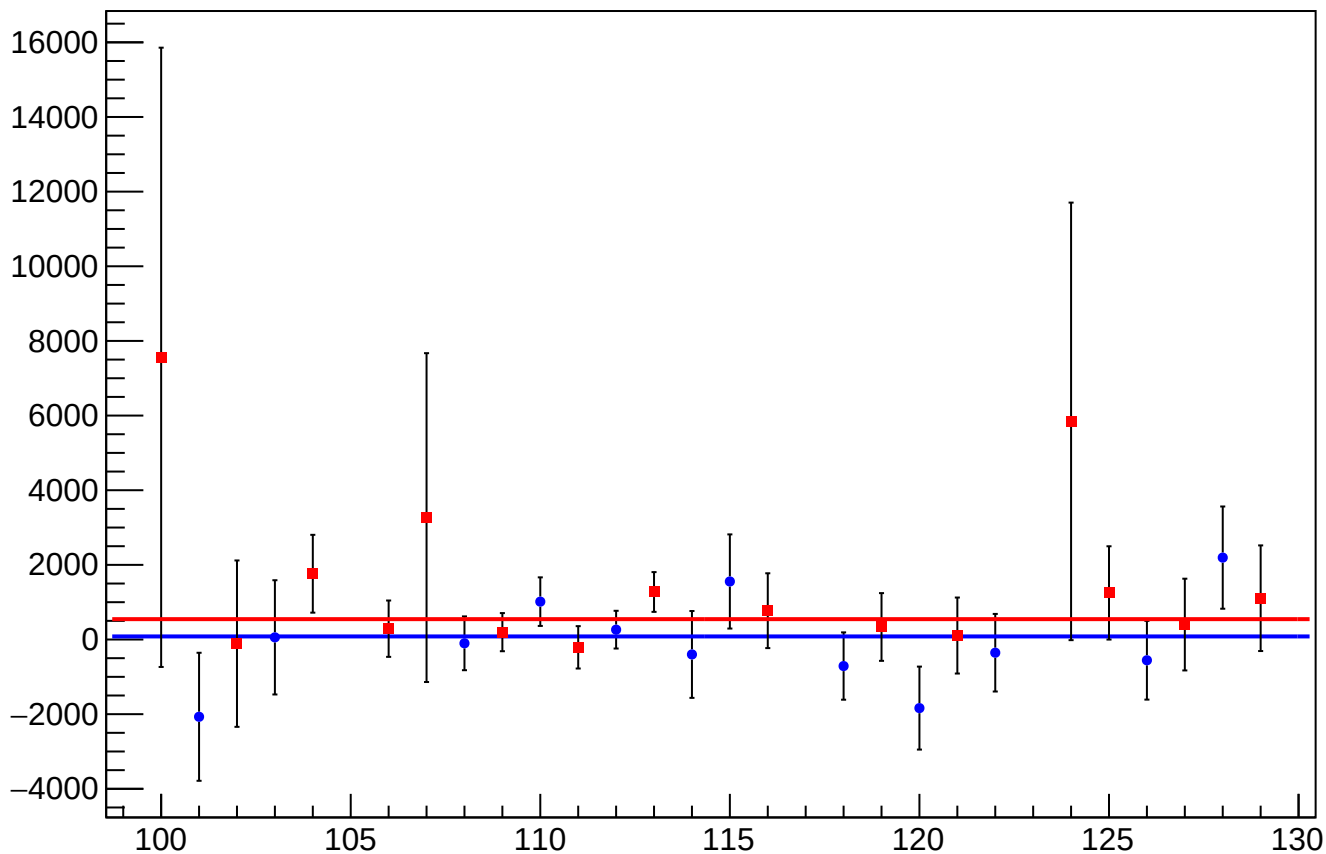
Right: 1290.340+/-0.284 χ^2/NDF : 815782.5/26

In: 1289.215+/-0.419 χ^2/NDF : 501608.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1290.340+/-0.284 χ^2/NDF : 815782.5/26

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 82.712+/-260.558 χ^2/NDF : 12.0/11

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

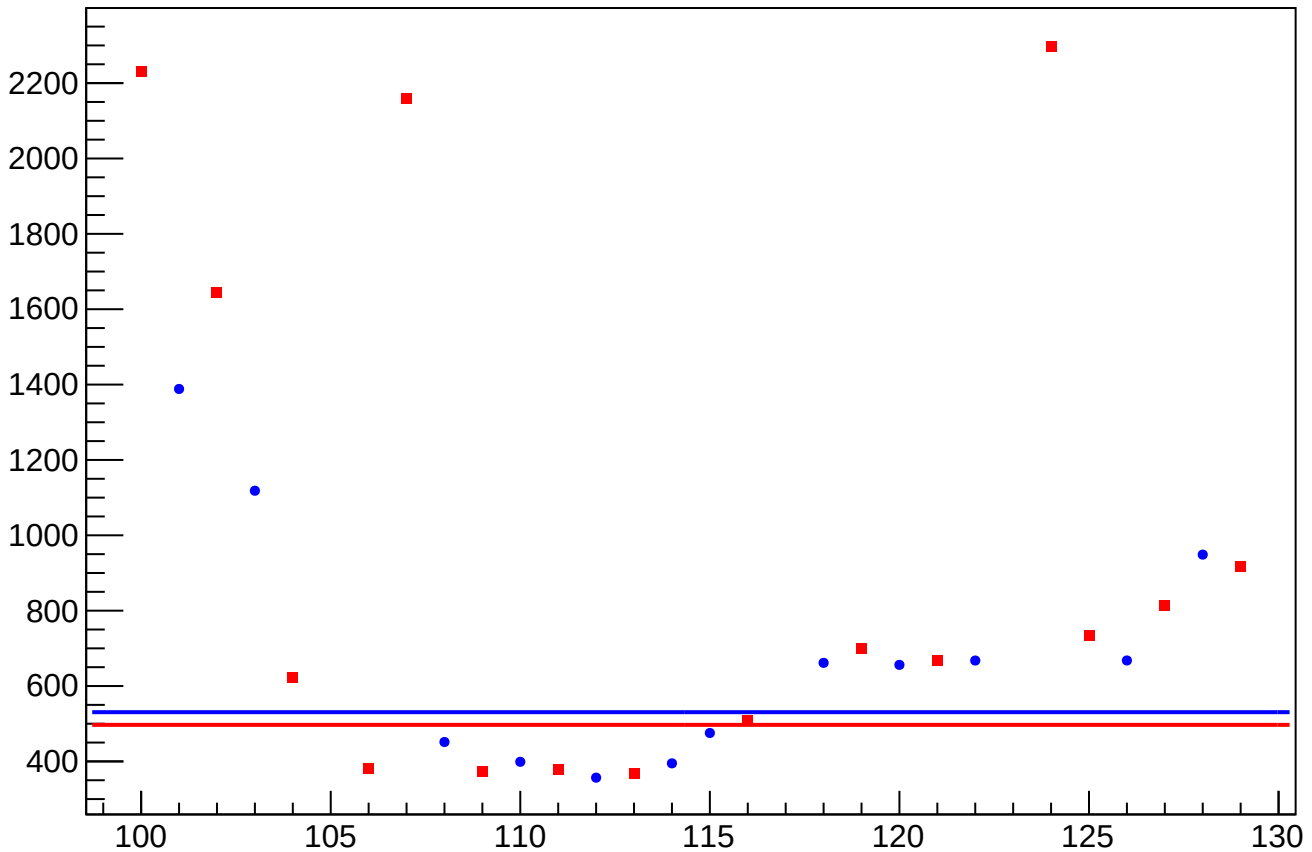
Right: 339.999+/-173.720 χ^2/NDF : 22.1/26

In: 82.712+/-260.558 χ^2/NDF : 12.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 339.999+/-173.720 χ^2/NDF : 22.1/26

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 530.631+/-0.184 χ^2/NDF : 1491327.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

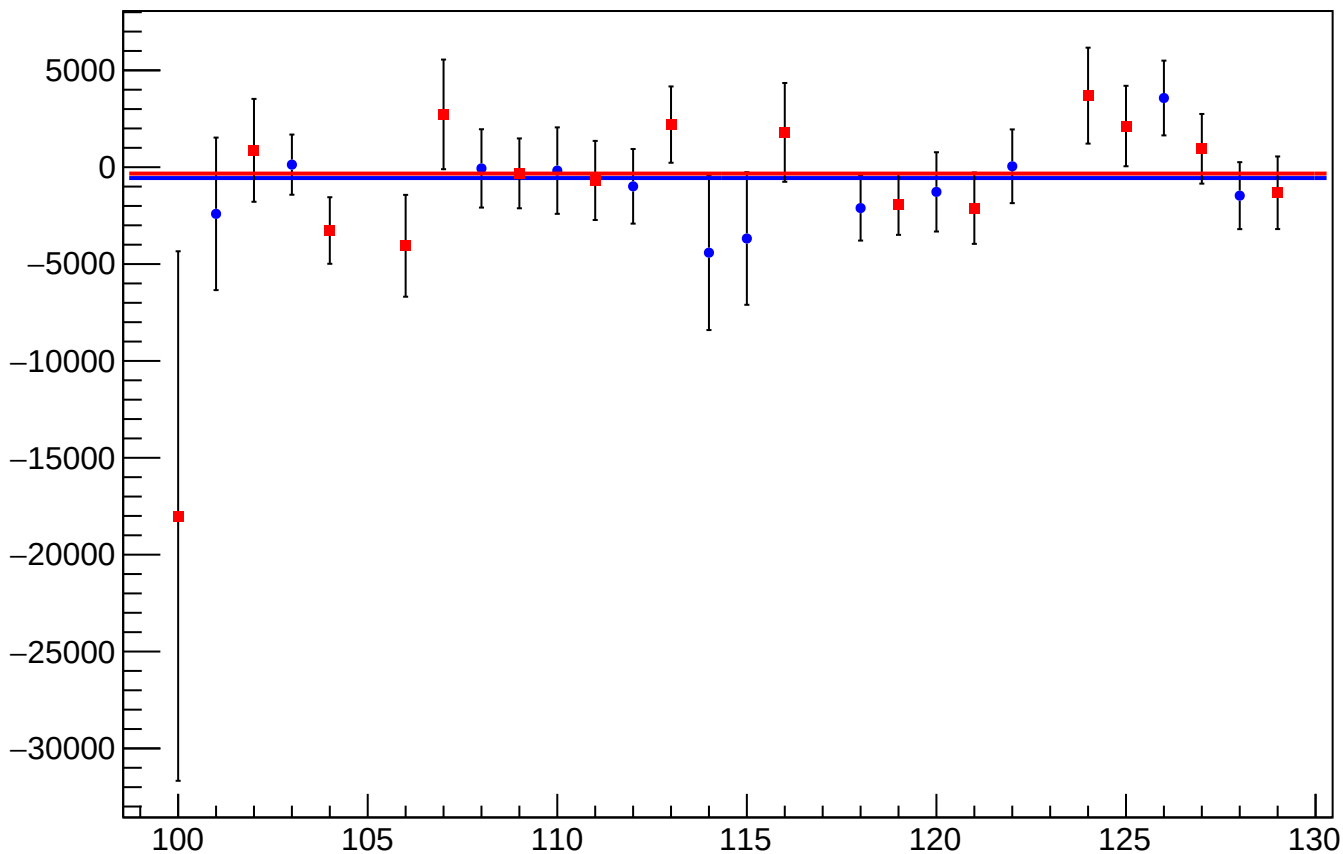
Right: 511.925+/-0.123 χ^2/NDF : 3538552.4/26

In: 530.631+/-0.184 χ^2/NDF : 1491327.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 511.925+/-0.123 χ^2/NDF : 3538552.4/26

dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -561.020+/-596.014 χ^2/NDF : 8.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

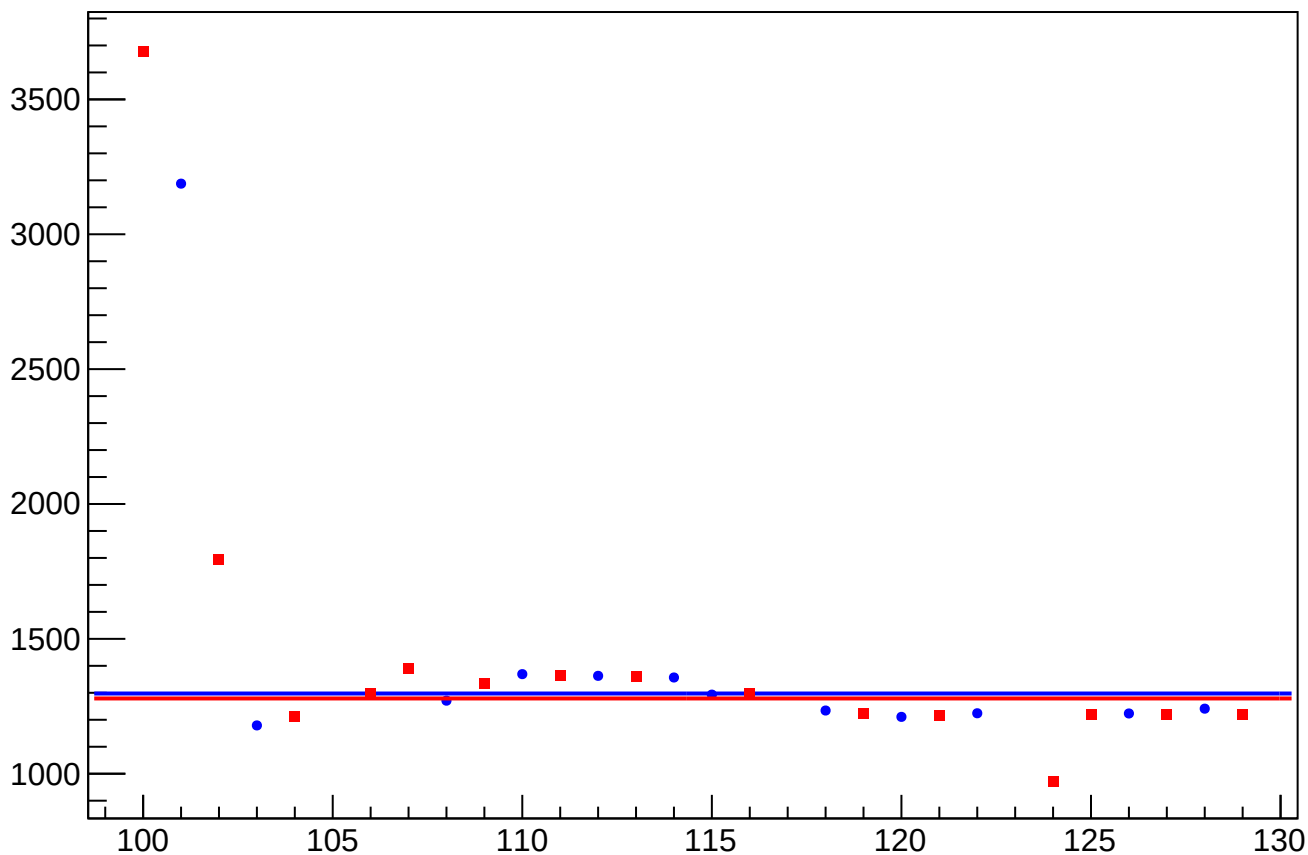
Right: -434.174+/-401.197 χ^2/NDF : 25.5/26

In: -561.020+/-596.014 χ^2/NDF : 8.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -434.174+/-401.197 χ^2/NDF : 25.5/26

dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1297.364+/-0.421 χ^2/NDF : 492450.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

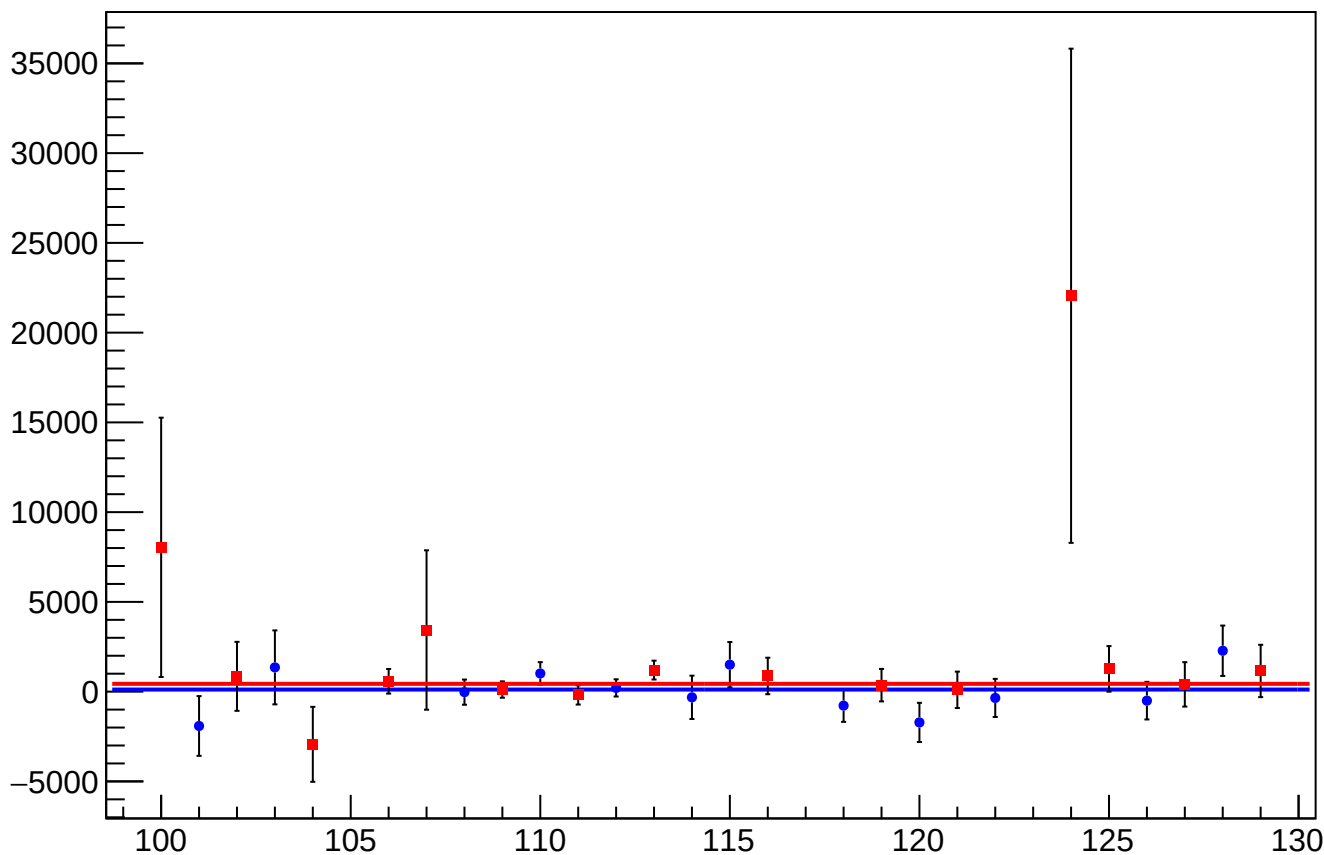
Right: 1287.324+/-0.284 χ^2/NDF : 687065.0/26

In: 1297.364+/-0.421 χ^2/NDF : 492450.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1287.324+/-0.284 χ^2/NDF : 687065.0/26

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 116.580+/-256.655 χ^2/NDF : 12.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

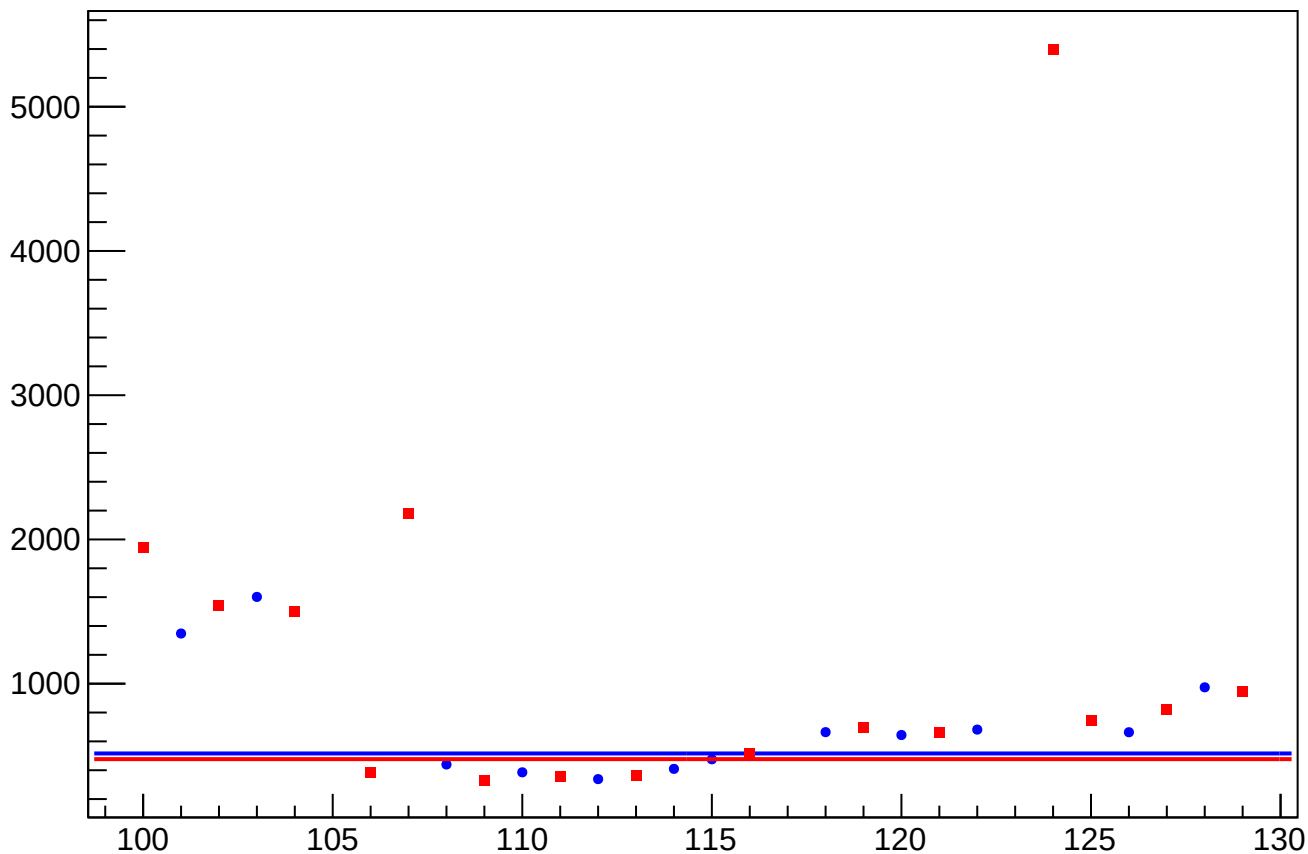
Right: 295.448+/-169.697 χ^2/NDF : 24.5/26

In: 116.580+/-256.655 χ^2/NDF : 12.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 295.448+/-169.697 χ^2/NDF : 24.5/26

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 516.279+/-0.181 χ^2/NDF : 1839116.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

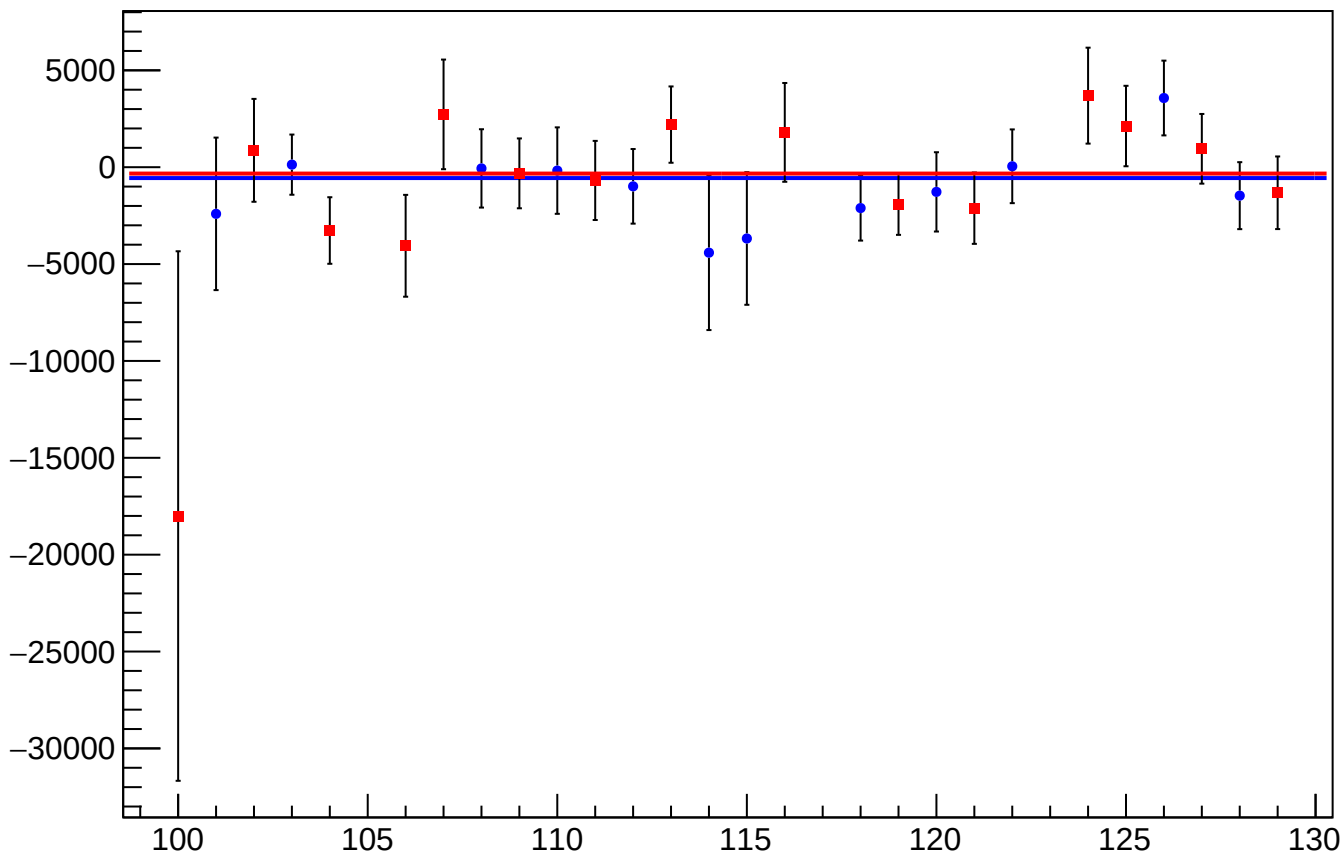
Right: 494.127+/-0.120 χ^2/NDF : 4682159.4/26

In: 516.279+/-0.181 χ^2/NDF : 1839116.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 494.127+/-0.120 χ^2/NDF : 4682159.4/26

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -561.020+/-596.014 χ^2/NDF : 8.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

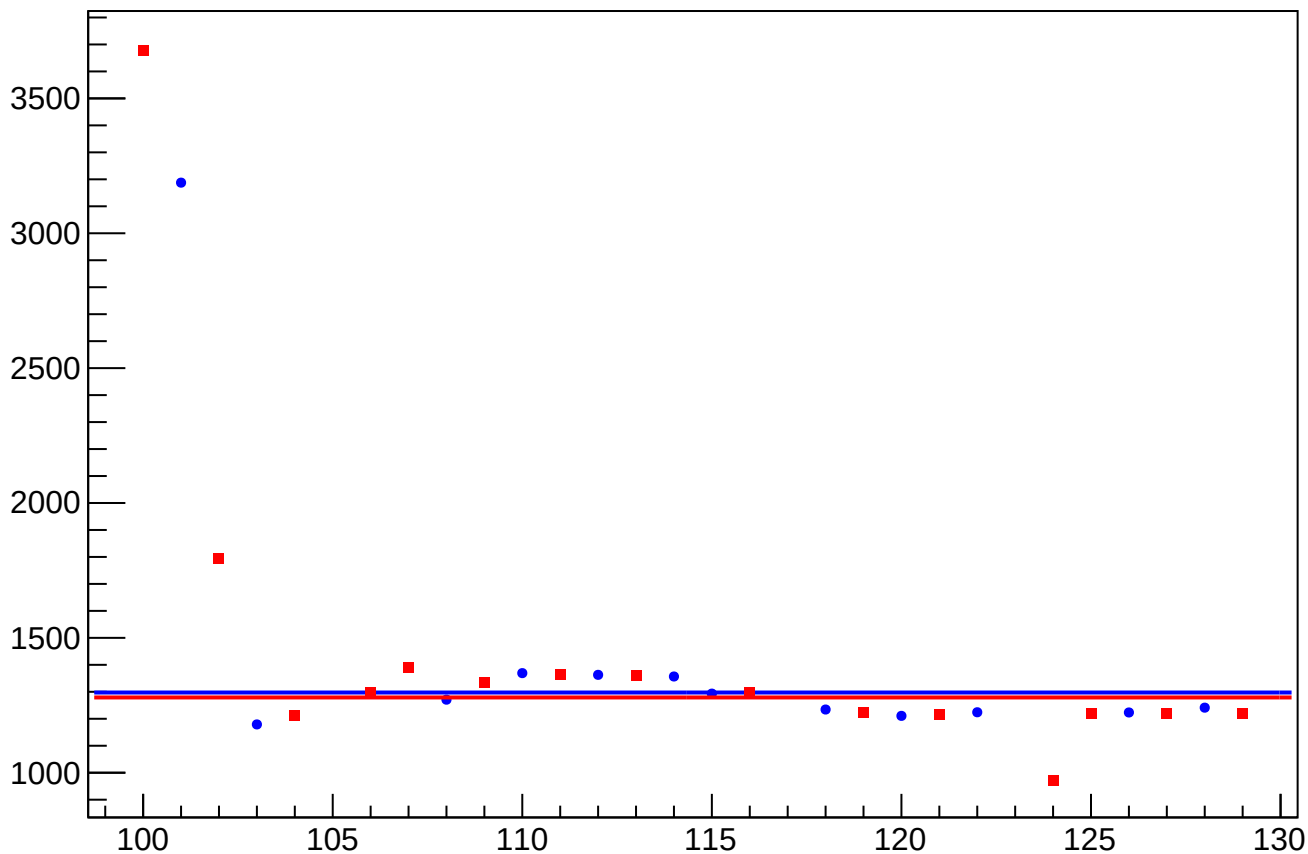
Right: -434.174+/-401.197 χ^2/NDF : 25.5/26

In: -561.020+/-596.014 χ^2/NDF : 8.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -434.174+/-401.197 χ^2/NDF : 25.5/26

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1297.364+/-0.421 χ^2/NDF : 492450.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

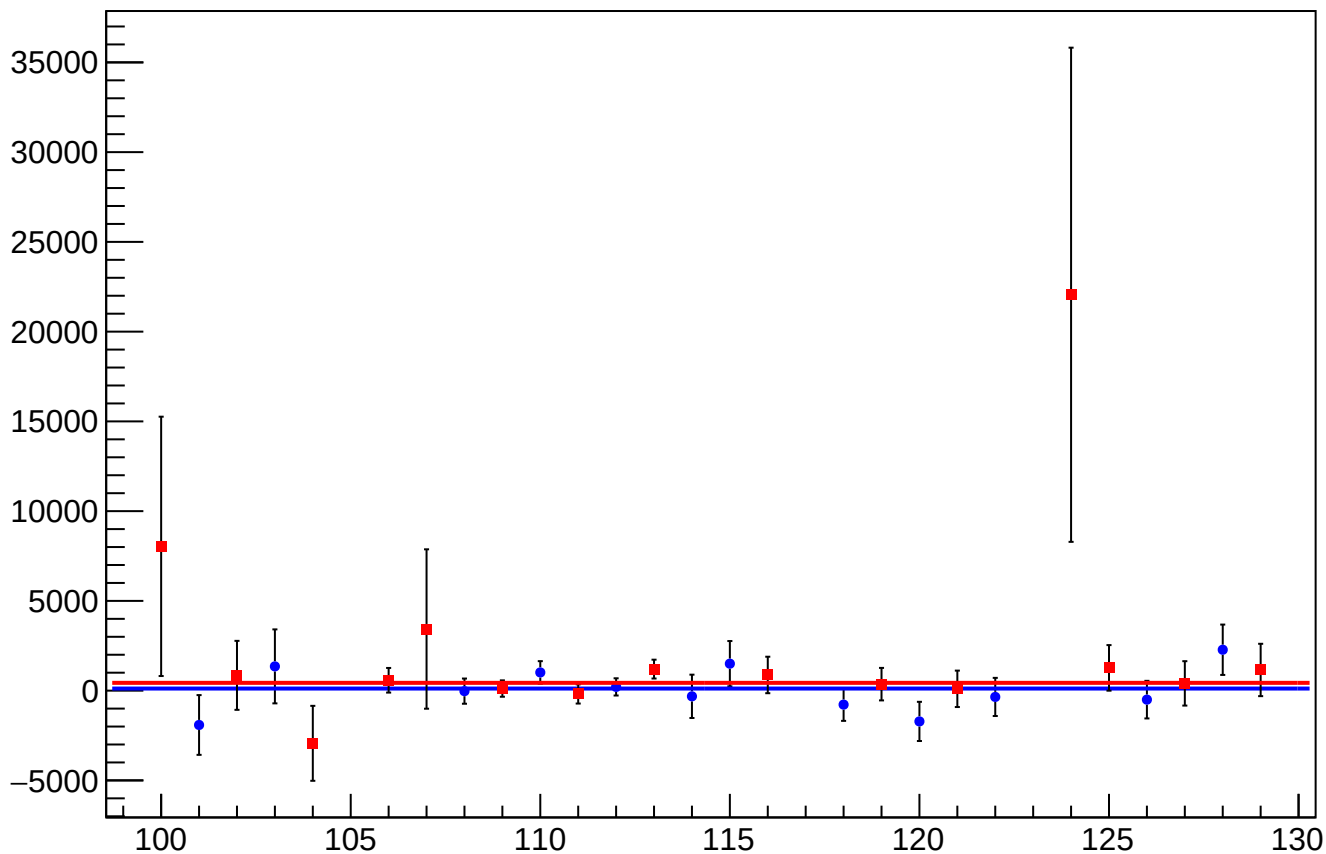
Right: 1287.324+/-0.284 χ^2/NDF : 687065.2/26

In: 1297.364+/-0.421 χ^2/NDF : 492450.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1287.324+/-0.284 χ^2/NDF : 687065.2/26

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 116.580+/-256.654 χ^2/NDF : 12.0/11

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

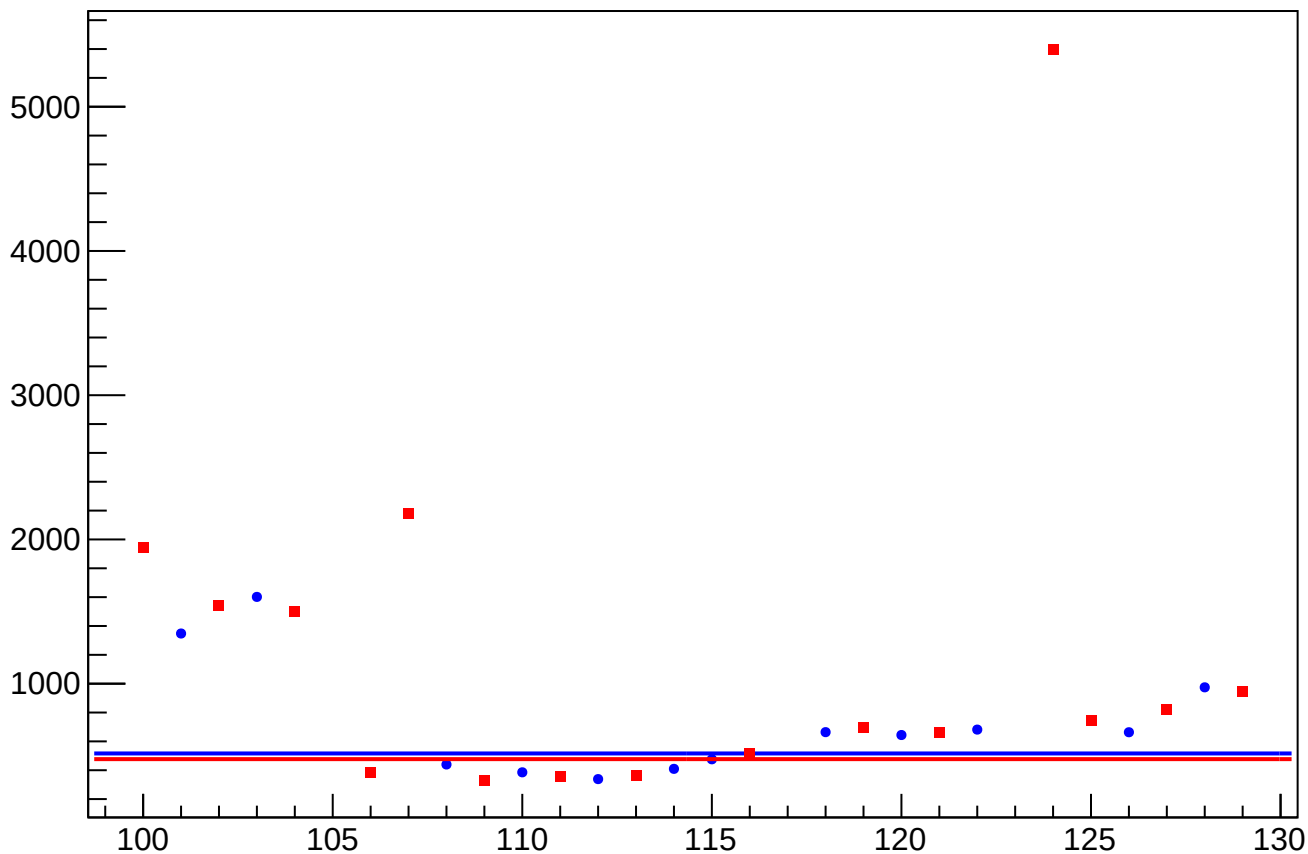
Right: 295.447+/-169.697 χ^2/NDF : 24.5/26

In: 116.580+/-256.654 χ^2/NDF : 12.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 295.447+/-169.697 χ^2/NDF : 24.5/26

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 516.276+/-0.181 χ^2/NDF : 1839121.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

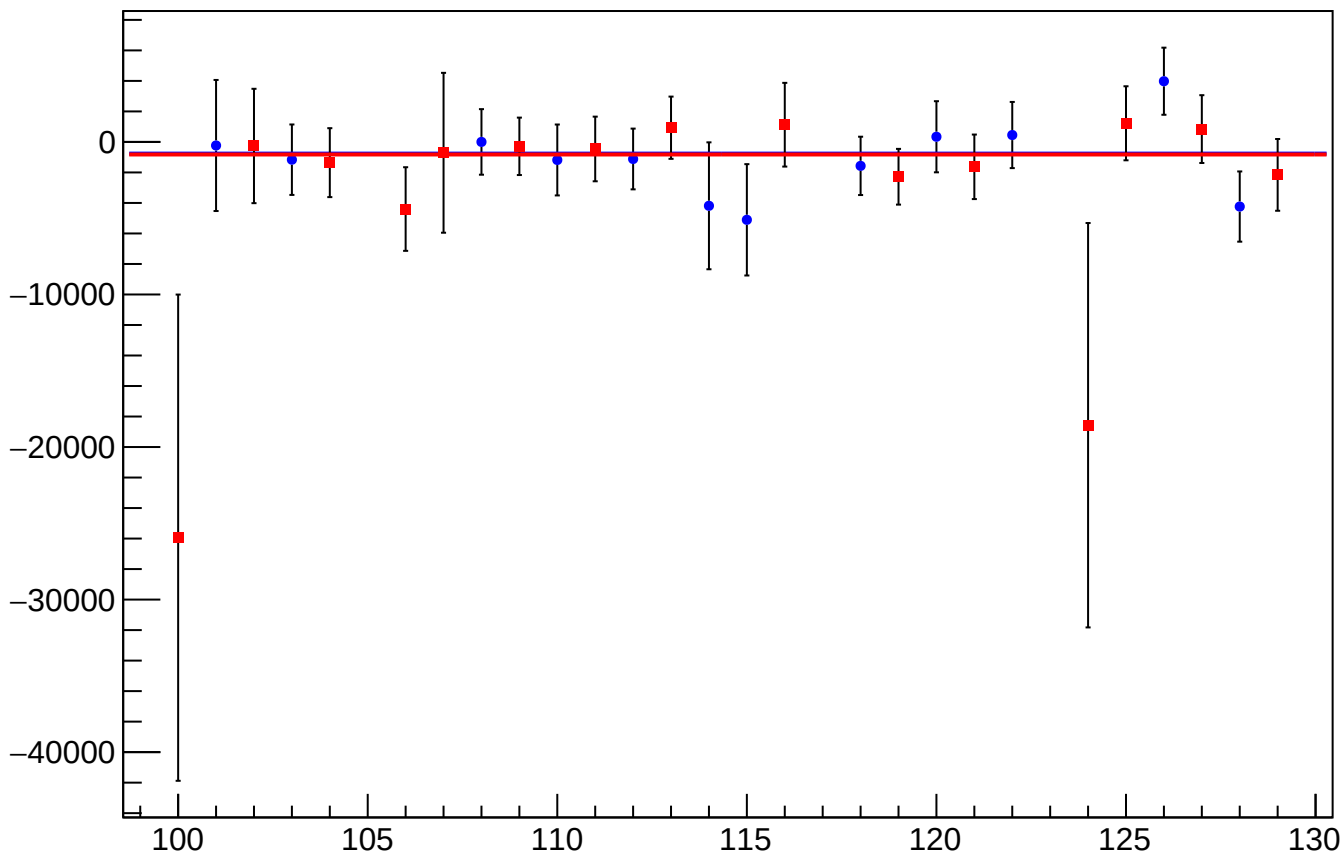
Right: 494.125+/-0.120 χ^2/NDF : 4682168.9/26

In: 516.276+/-0.181 χ^2/NDF : 1839121.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 494.125+/-0.120 χ^2/NDF : 4682168.9/26

asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -766.251+/-691.001 χ^2 /NDF: 10.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -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

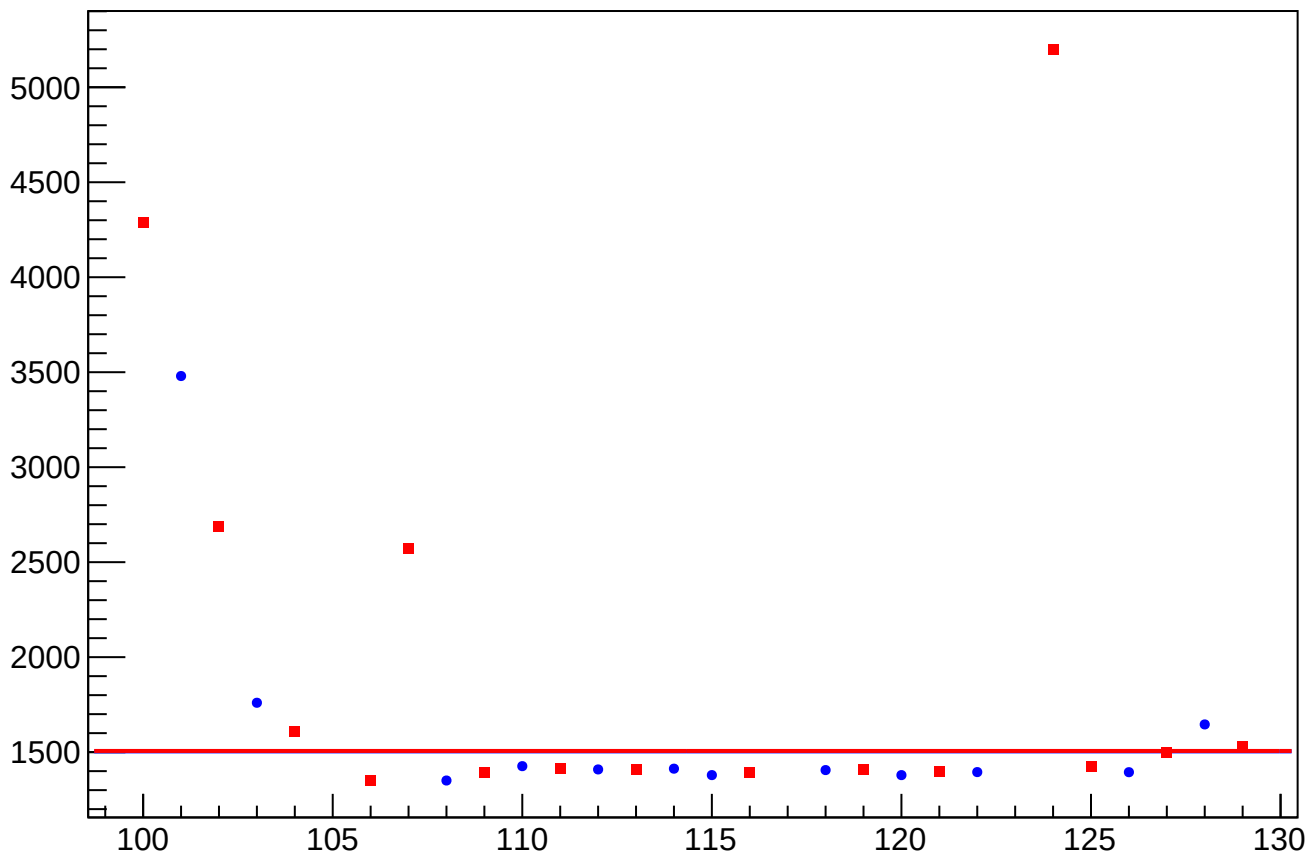
Right: -796.478+/-471.660 χ^2 /NDF: 19.8/26

In: -766.251+/-691.001 χ^2 /NDF:10.0/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -796.478+/-471.660 χ^2 /NDF: 19.8/26

asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1503.965+/-0.489 χ^2/NDF : 496693.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

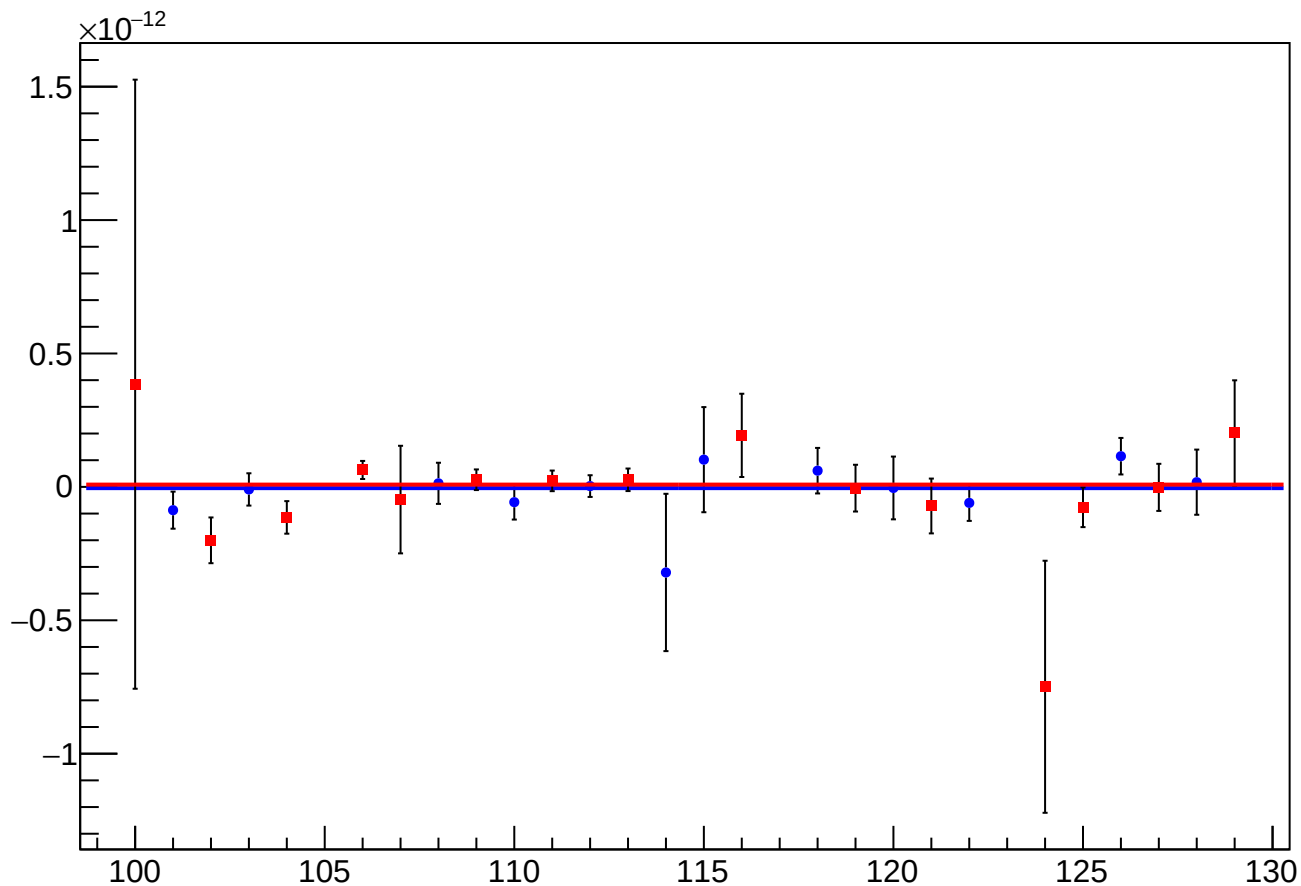
Right: 1505.192+/-0.334 χ^2/NDF : 1036522.9/26

In: 1503.965+/-0.489 χ^2/NDF : 496693.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1505.192+/-0.334 χ^2/NDF : 1036522.9/26

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_slug_sign_corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

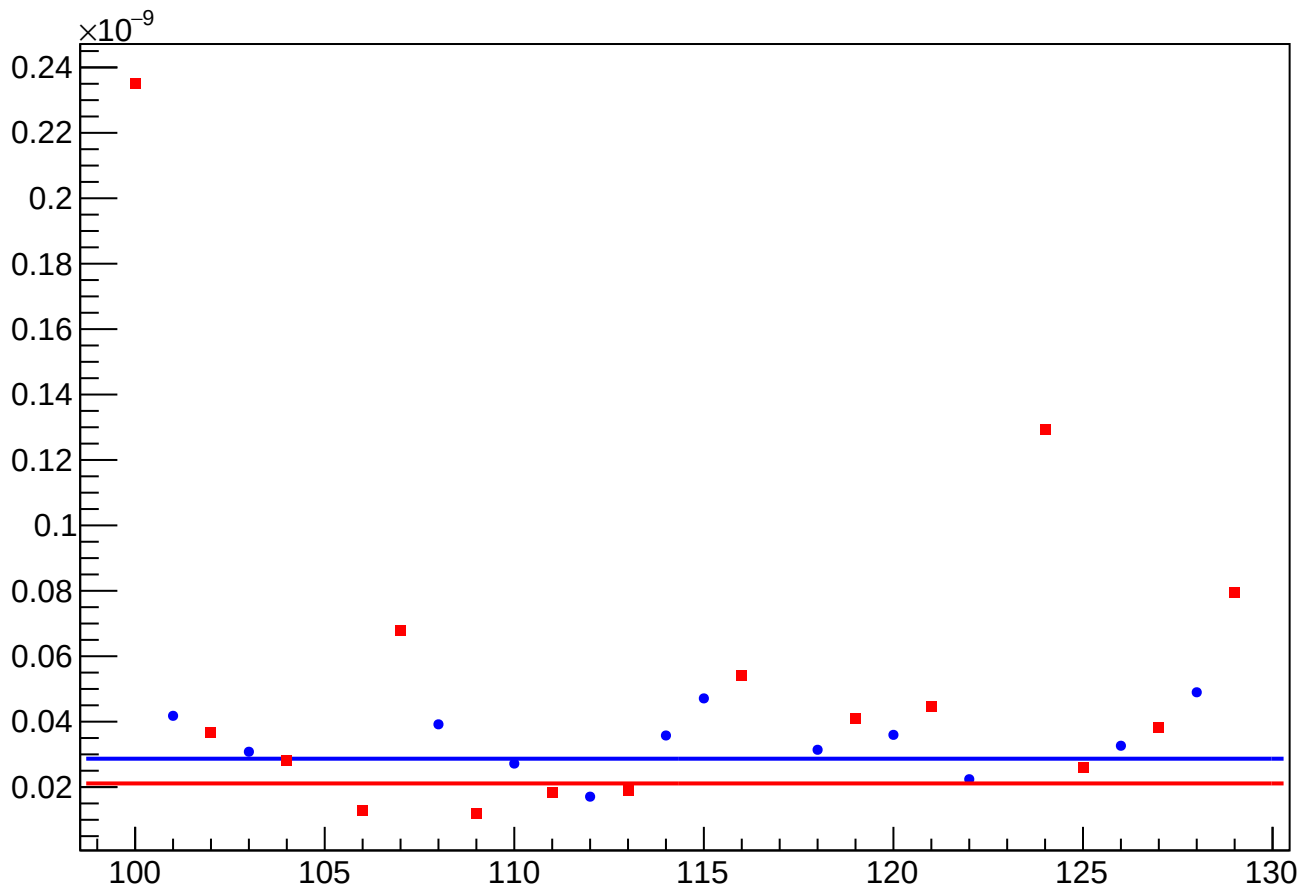
Right: 0.000+/-0.000 χ^2/NDF : 28.4/26

In: -0.000+/-0.000 χ^2/NDF : 8.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.4/26

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 382118.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

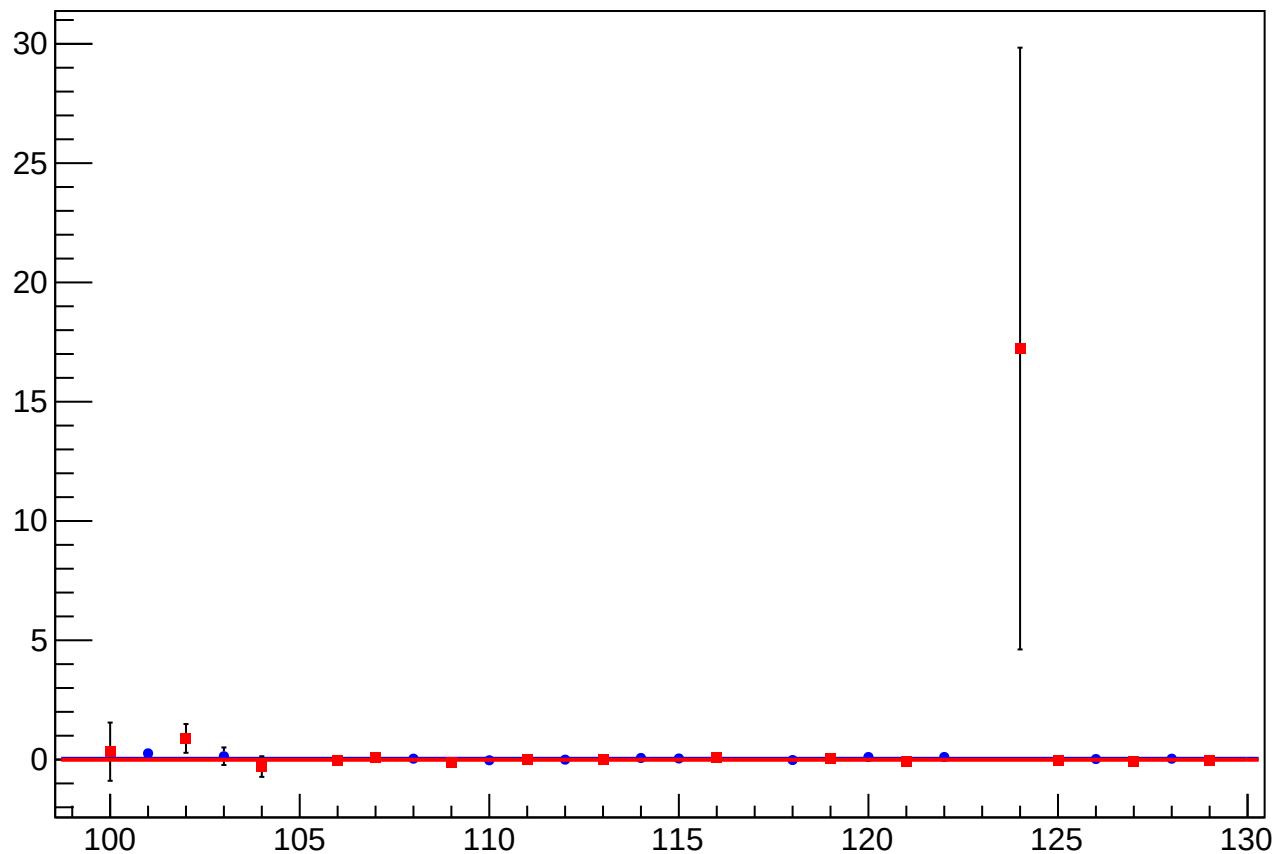
Right: 0.000+/-0.000 χ^2/NDF : 1725957.2/26

In: 0.000+/-0.000 χ^2/NDF : 382118.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1725957.2/26

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.020 χ^2/NDF : 8.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-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

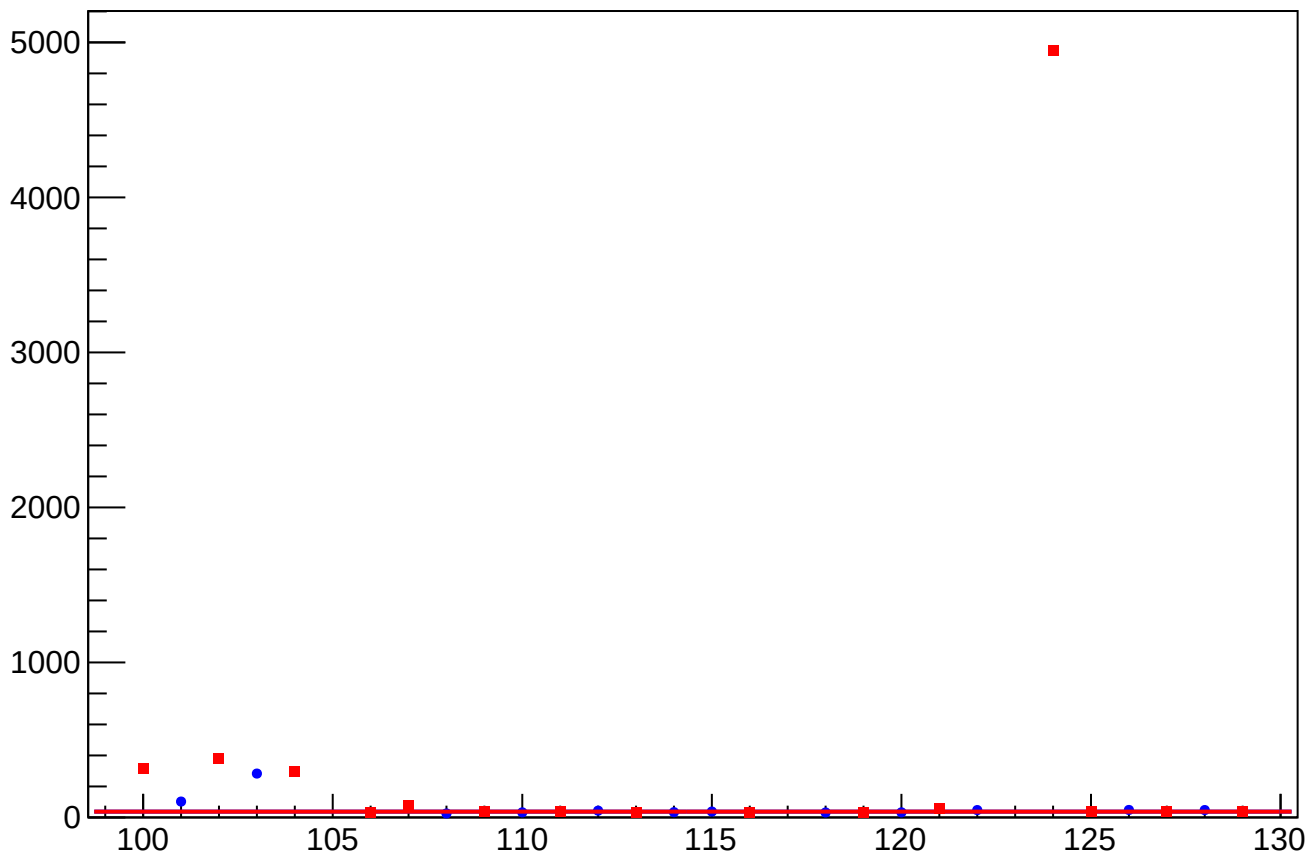
Right: 0.011+/-0.014 χ^2/NDF : 25.4/26

In: 0.033+/-0.020 χ^2/NDF : 8.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.014 χ^2/NDF : 25.4/26

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.604 $\pm$ 0.014 χ^2 /NDF: 1677358.1/11

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

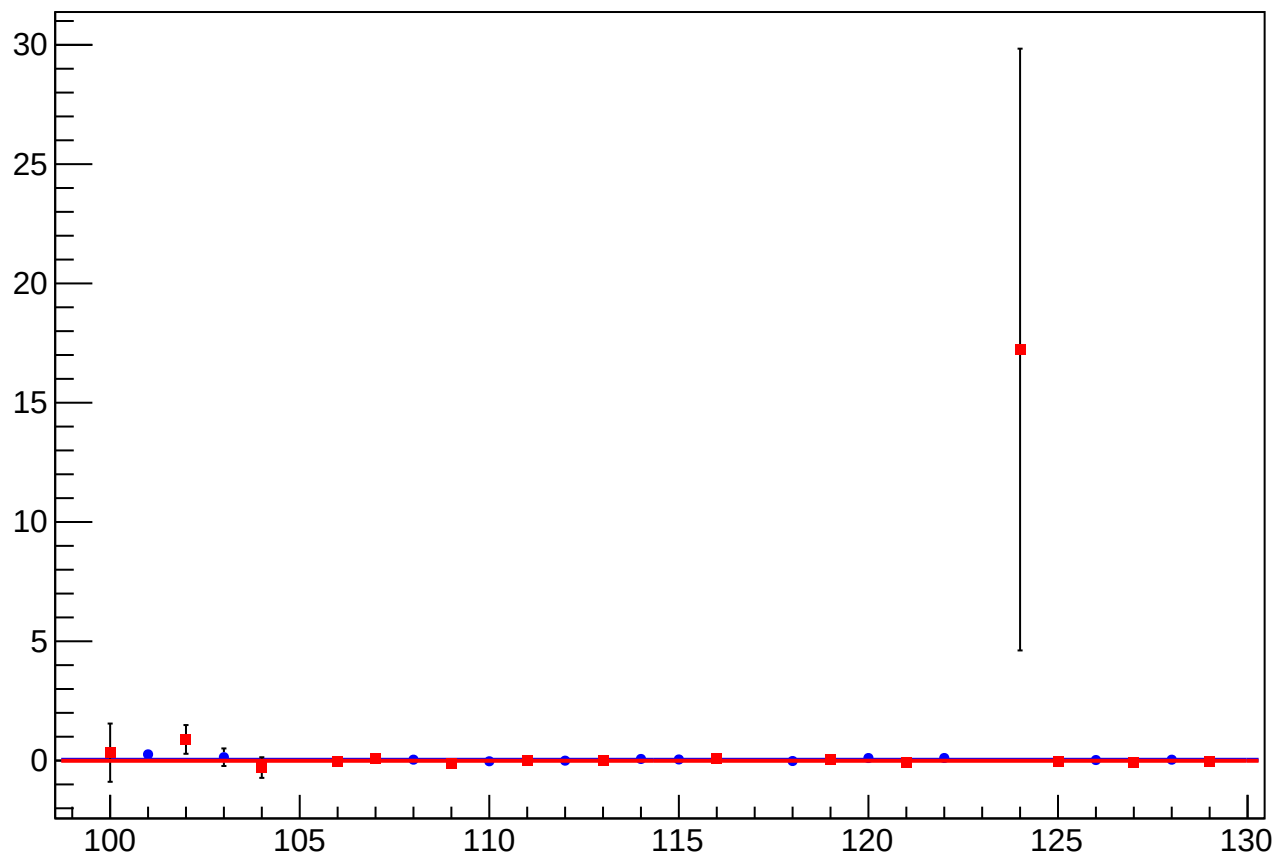
Right: 37.595 $\pm$ 0.010 χ^2 /NDF: 3743028.2/26

In: 37.604 $\pm$ 0.014 χ^2 /NDF:1677358.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 37.595 $\pm$ 0.010 χ^2 /NDF: 3743028.2/26

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.020 χ^2/NDF : 8.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-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

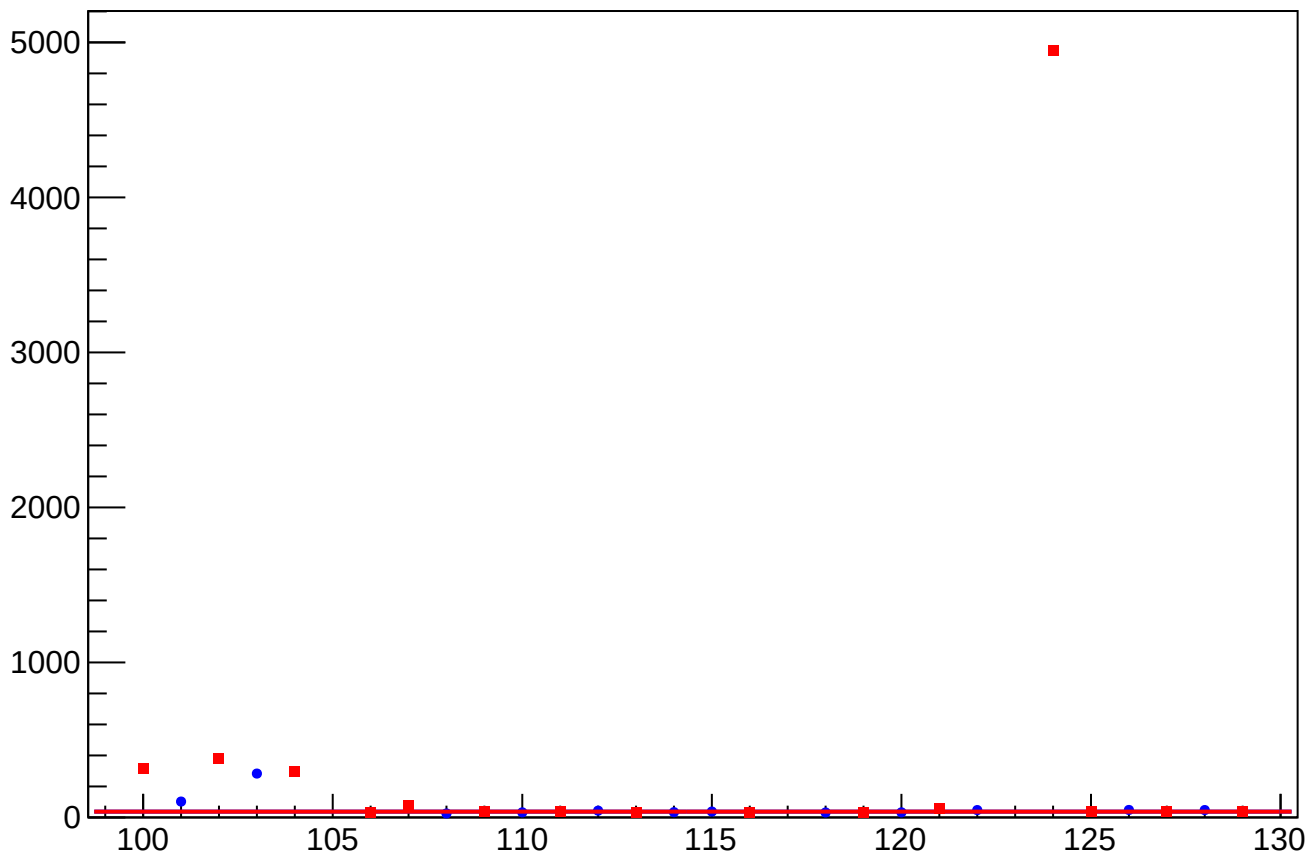
Right: 0.011+/-0.014 χ^2/NDF : 25.4/26

In: 0.033+/-0.020 χ^2/NDF : 8.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.014 χ^2/NDF : 25.4/26

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.604 $\pm$ 0.014 χ^2 /NDF: 1677358.1/11

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

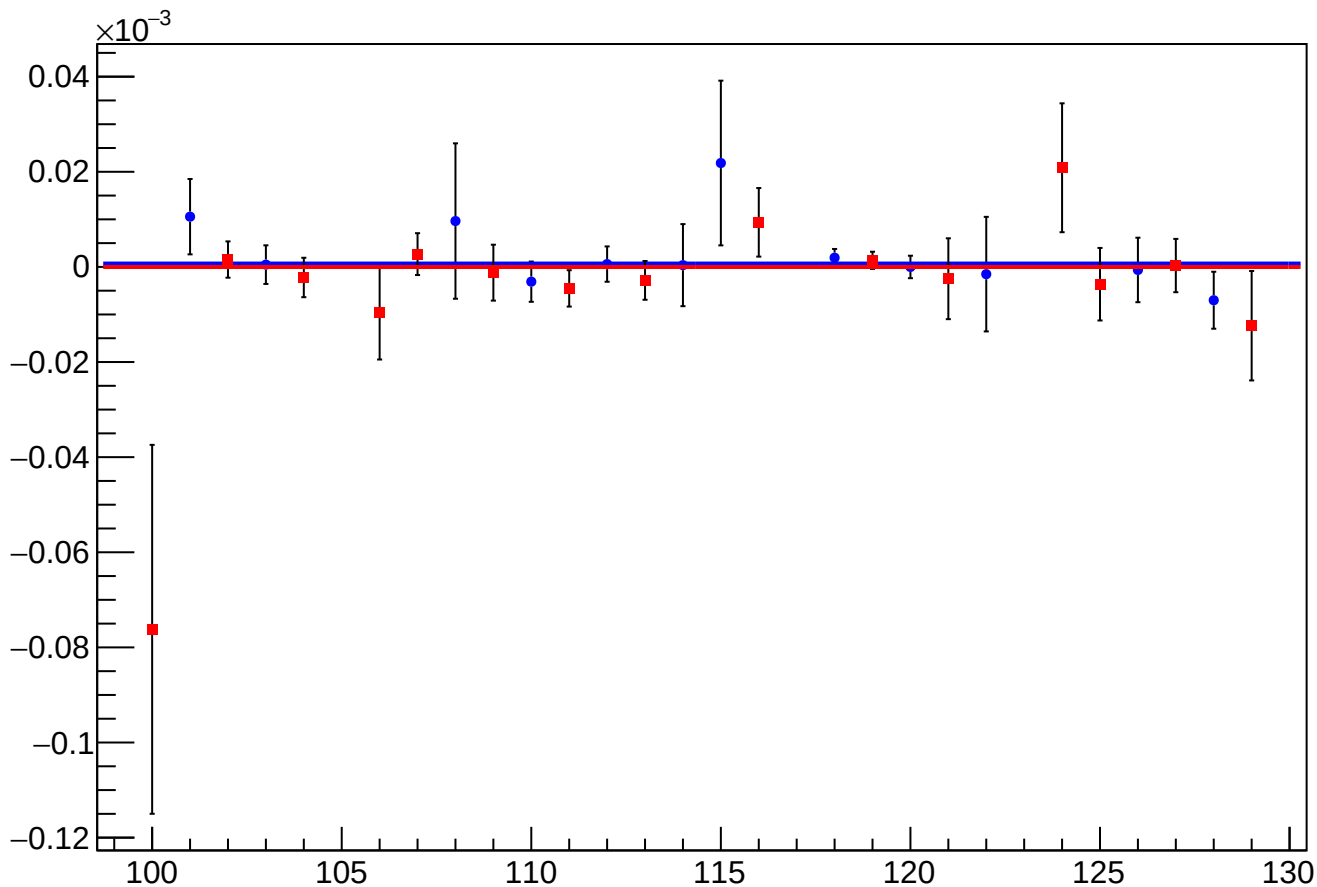
Right: 37.595 $\pm$ 0.010 χ^2 /NDF: 3743028.2/26

In: 37.604 $\pm$ 0.014 χ^2 /NDF:1677358.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 37.595 $\pm$ 0.010 χ^2 /NDF: 3743028.2/26

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 : 6.4/11

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

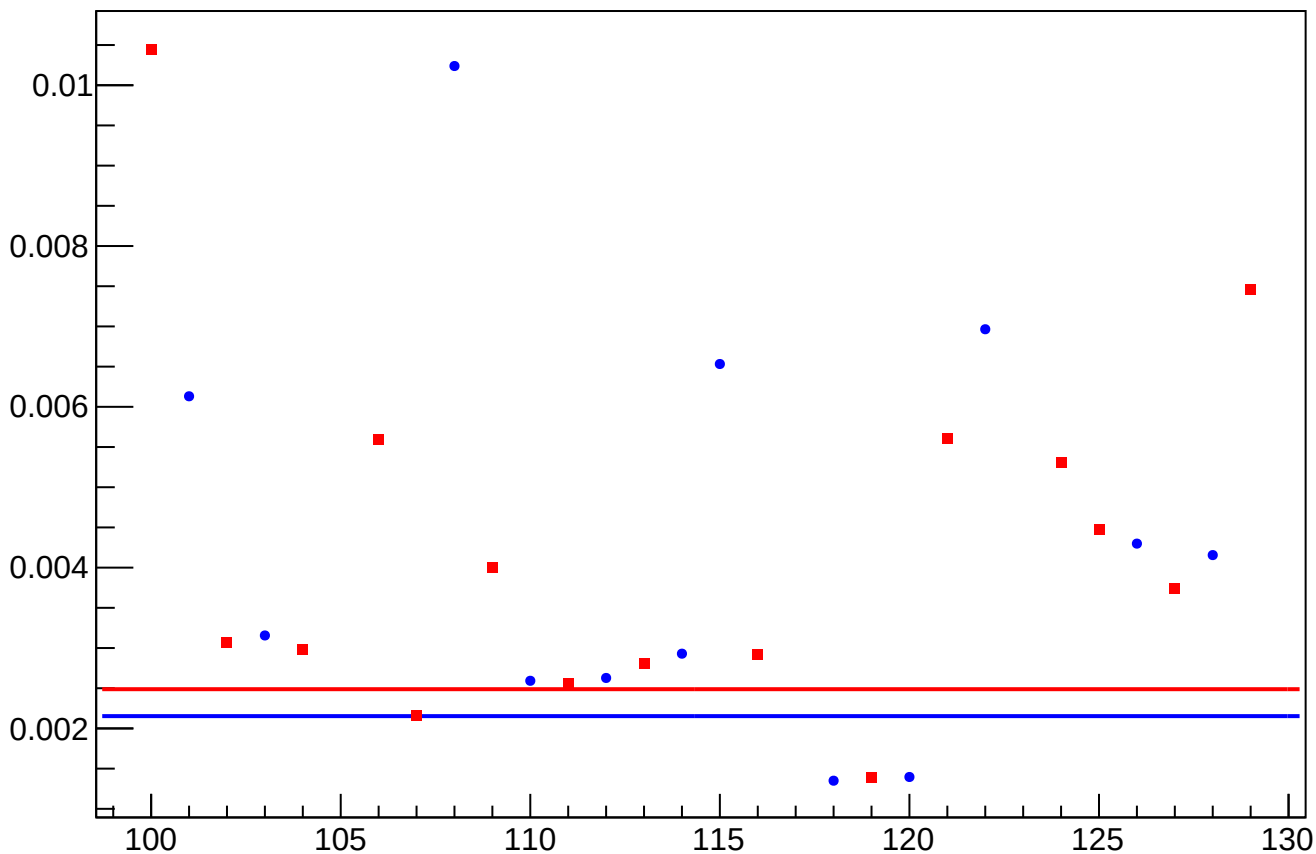
Right: 0.000+/-0.000 χ^2/NDF : 20.3/26

In: 0.000+/-0.000 χ^2/NDF : 6.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.3/26

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 : 2646211.4/11

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

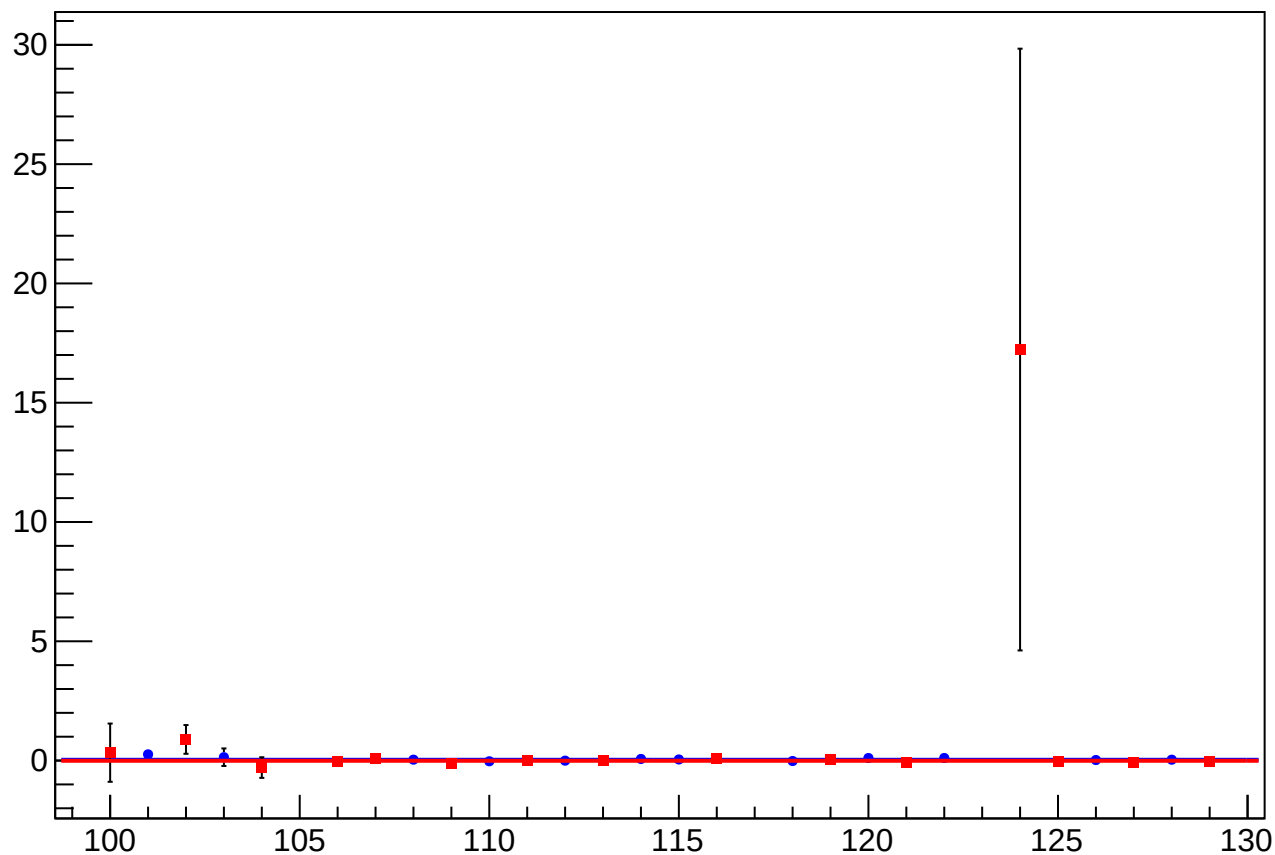
Right: 0.002+/-0.000 χ^2/NDF : 4954474.8/26

In: 0.002+/-0.000 χ^2/NDF :2646211.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4954474.8/26

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.020 χ^2/NDF : 8.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-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

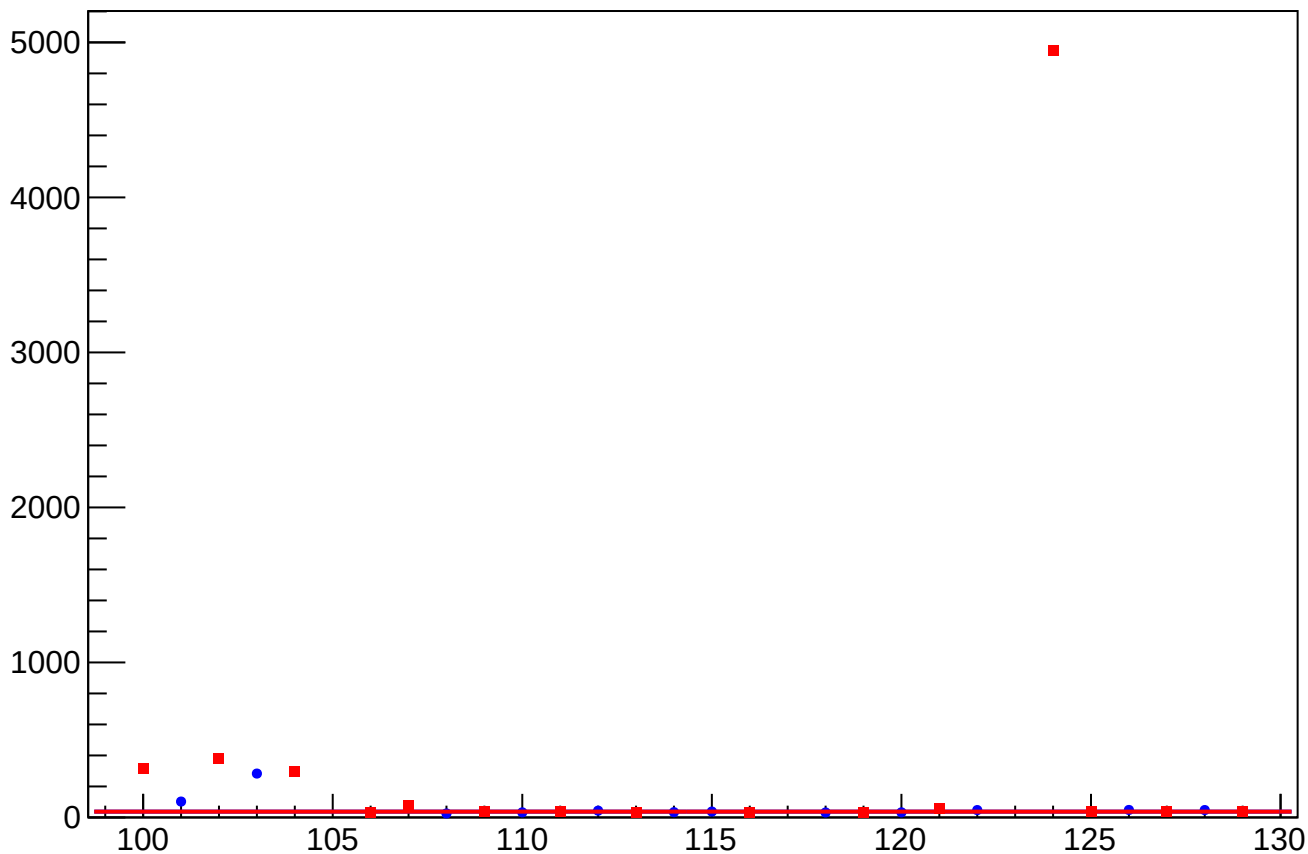
Right: 0.011+/-0.014 χ^2/NDF : 25.4/26

In: 0.033+/-0.020 χ^2/NDF : 8.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.014 χ^2/NDF : 25.4/26

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.605+/-0.014 χ^2/NDF : 1677256.7/11

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

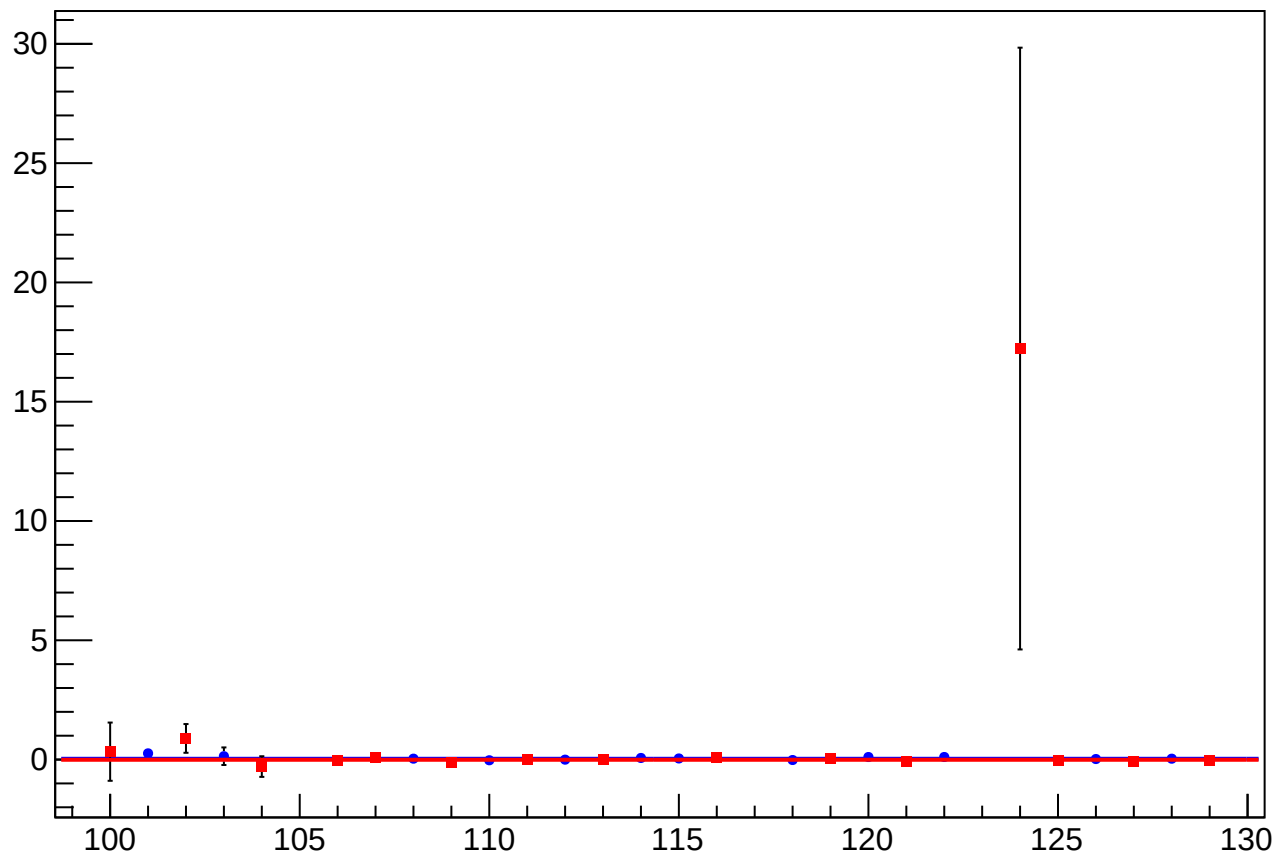
Right: 37.596+/-0.010 χ^2/NDF : 3742918.5/26

In: 37.605+/-0.014 χ^2/NDF :1677256.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 37.596+/-0.010 χ^2/NDF : 3742918.5/26

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.020 χ^2/NDF : 8.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-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

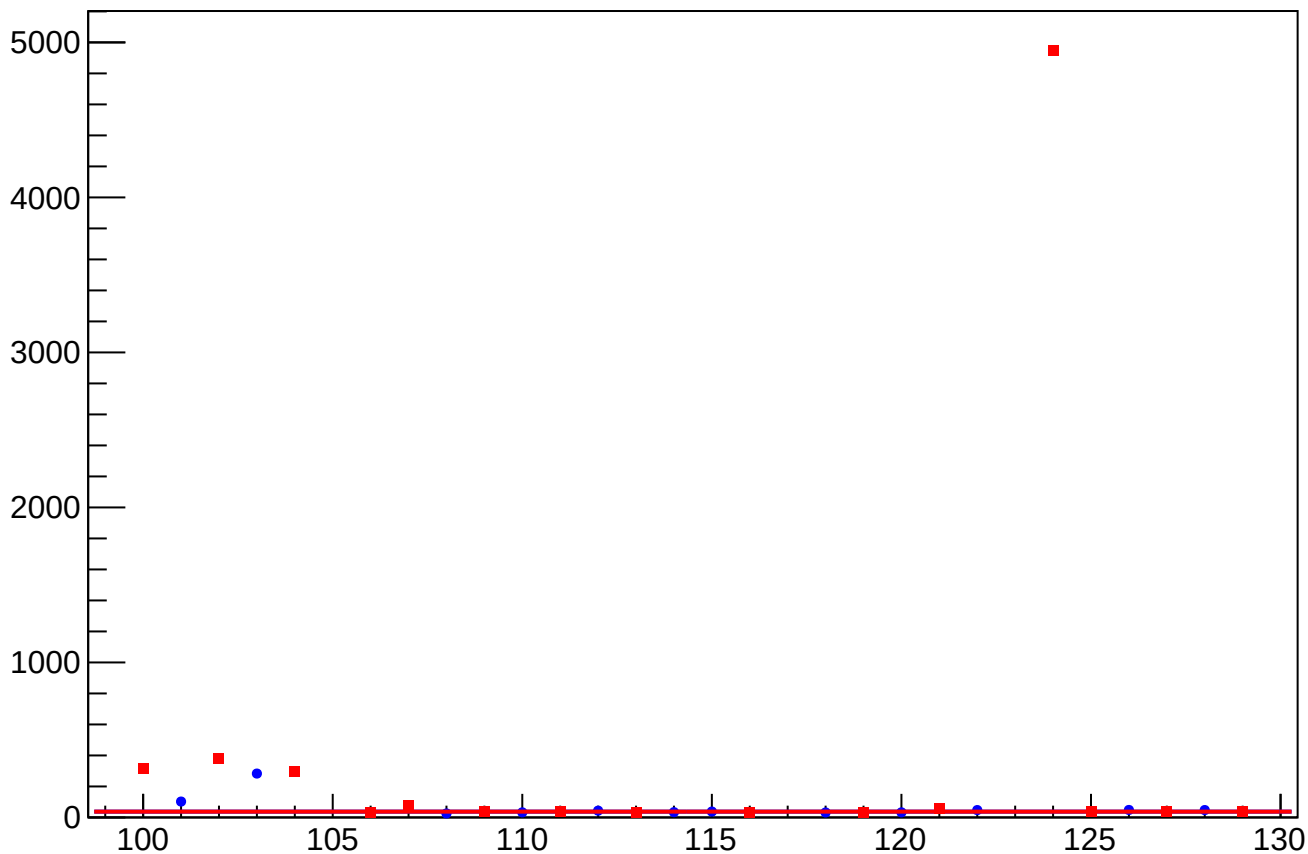
Right: 0.011+/-0.014 χ^2/NDF : 25.4/26

In: 0.033+/-0.020 χ^2/NDF : 8.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.014 χ^2/NDF : 25.4/26

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.605+/-0.014 χ^2/NDF : 1677256.7/11

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

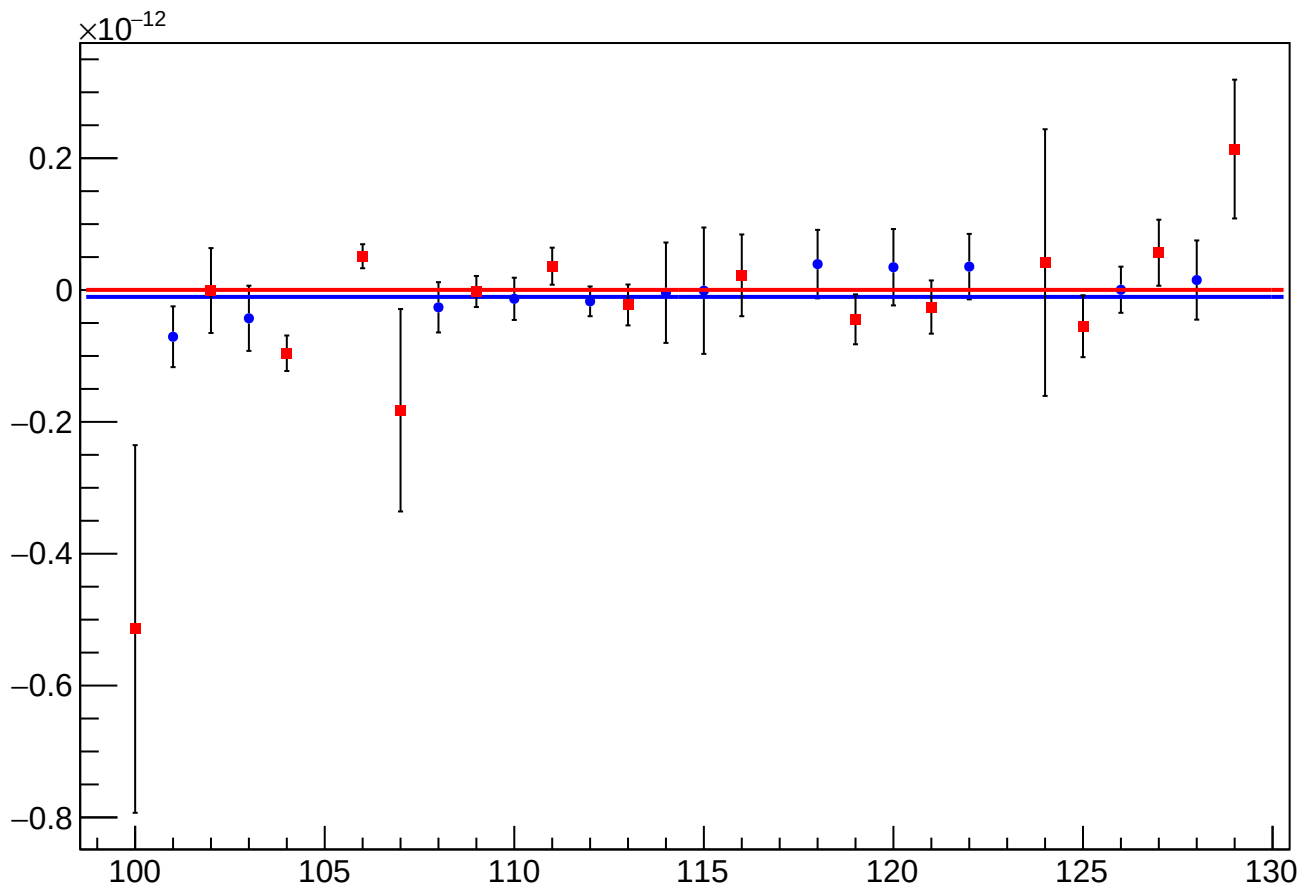
Right: 37.596+/-0.010 χ^2/NDF : 3742918.5/26

In: 37.605+/-0.014 χ^2/NDF : 1677256.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.596+/-0.010 χ^2/NDF : 3742918.5/26

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 : 5.1/11

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

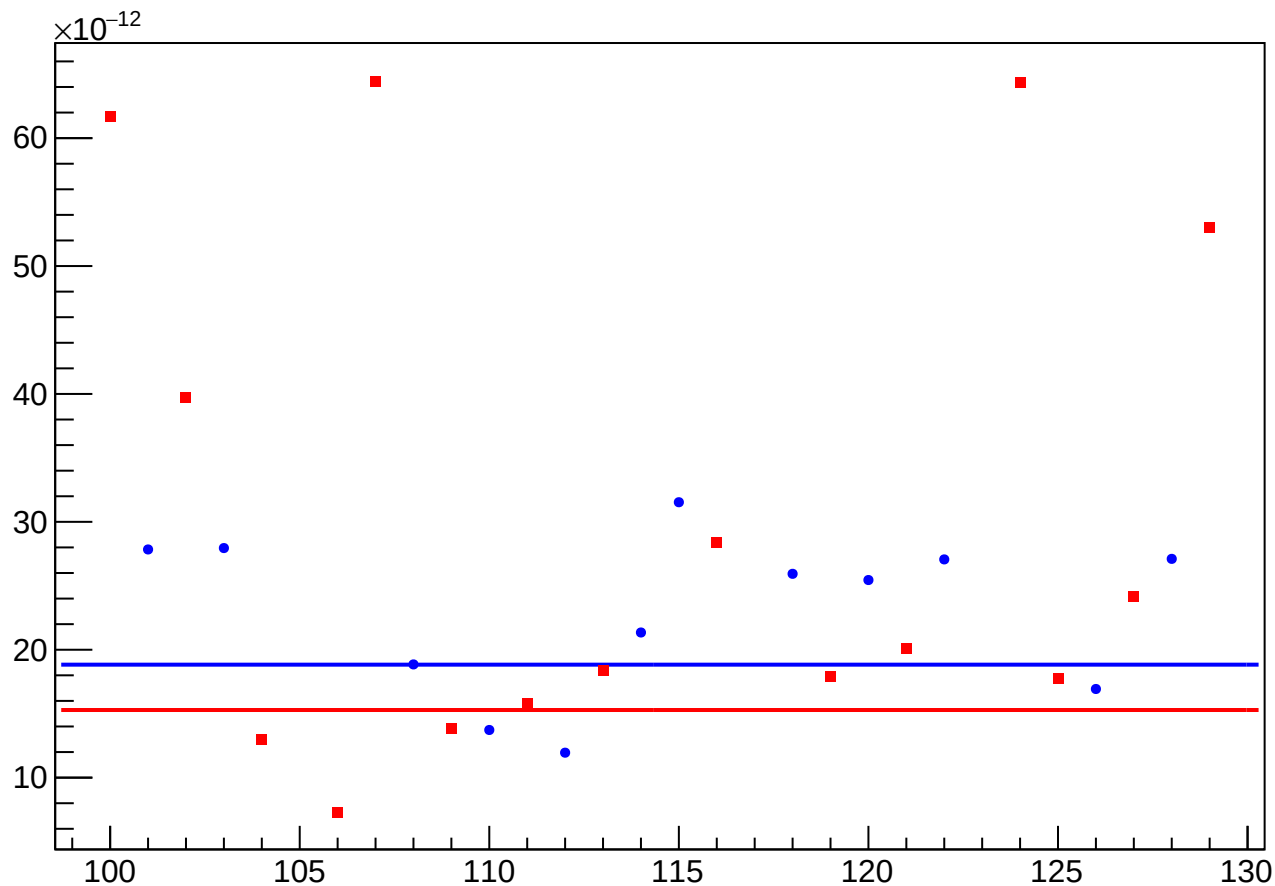
Right: -0.000+/-0.000 χ^2/NDF : 41.9/26

In: -0.000+/-0.000 χ^2/NDF : 5.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 41.9/26

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 : 580325.5/11

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

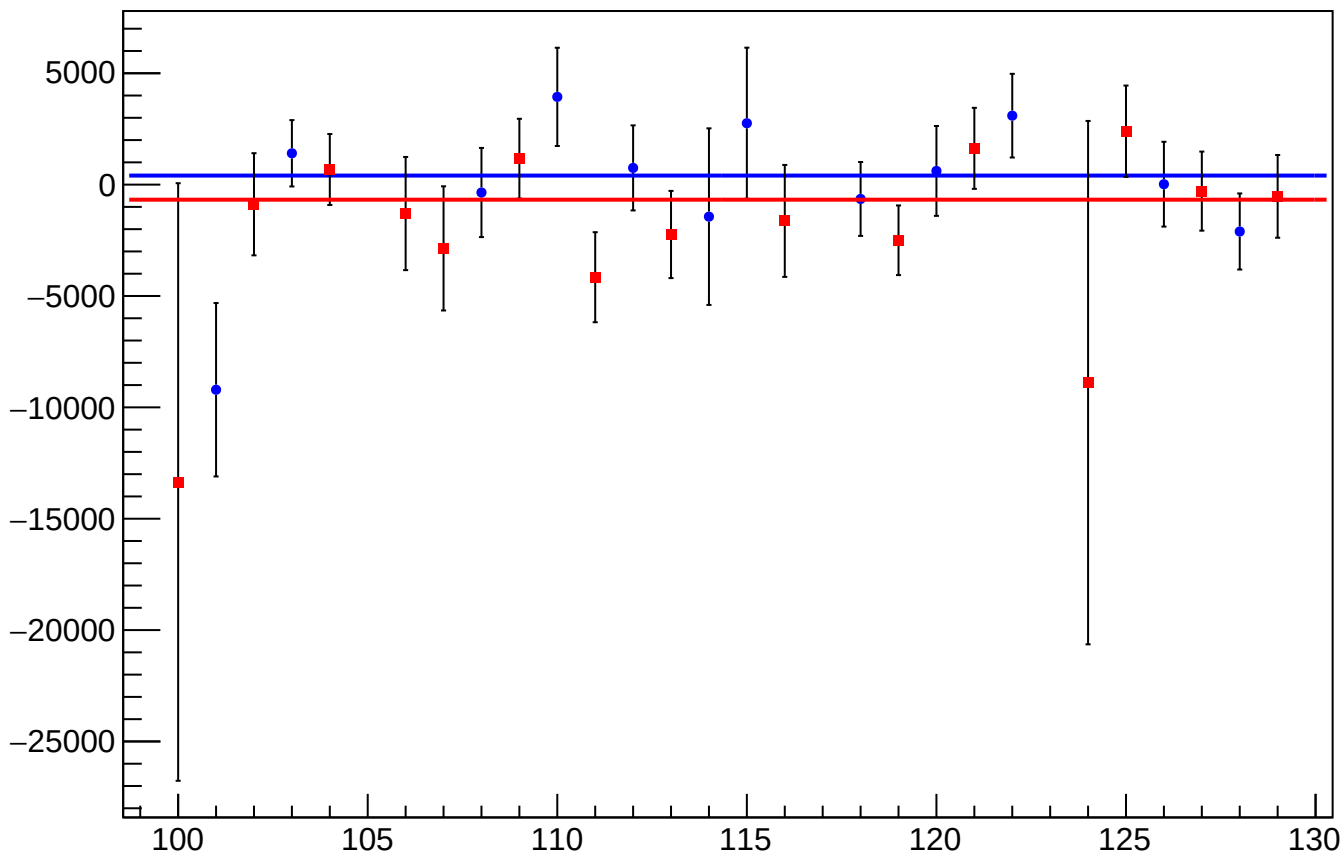
Right: 0.000+/-0.000 χ^2/NDF : 2238782.9/26

In: 0.000+/-0.000 χ^2/NDF : 580325.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2238782.9/26

reg_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 406.296+/-586.424 χ^2/NDF : 14.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

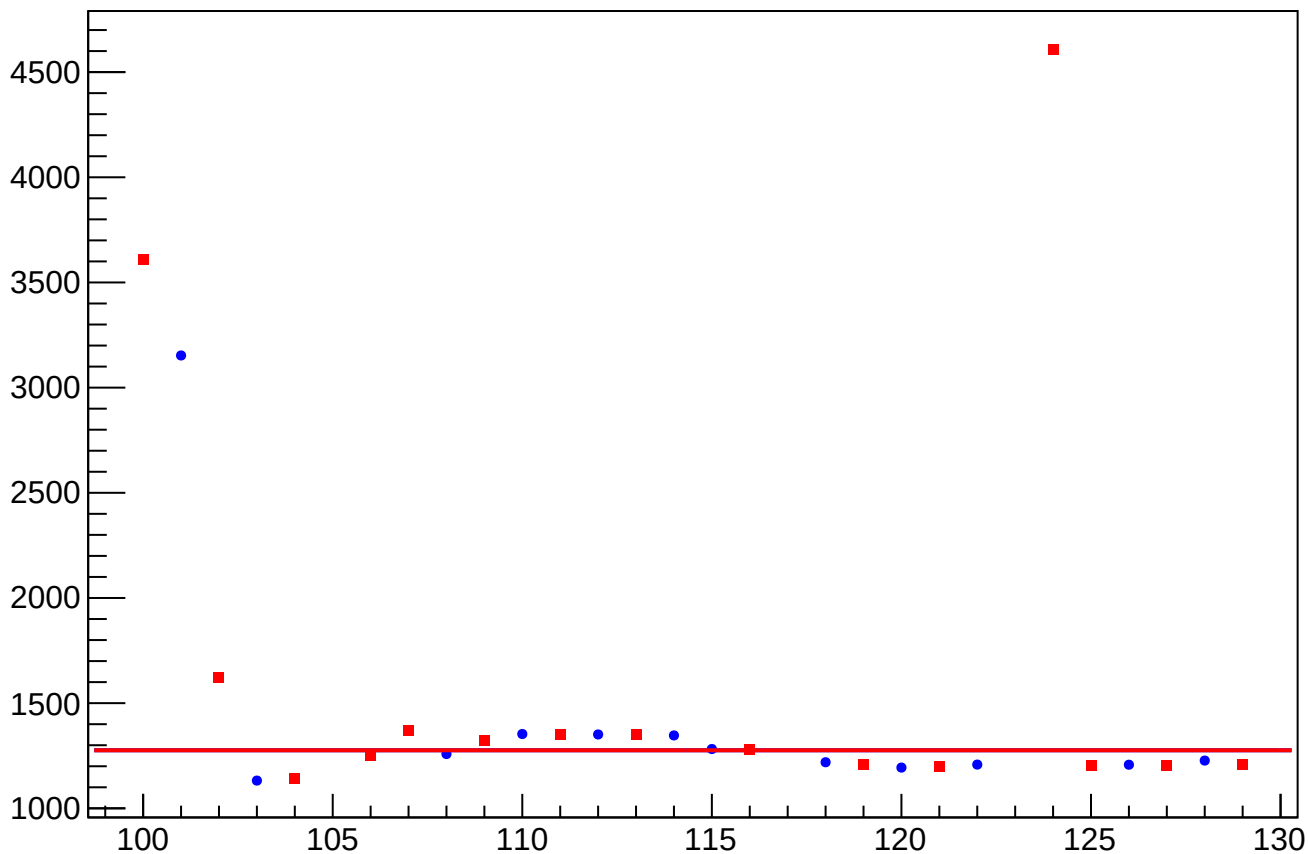
Right: -178.267+/-397.734 χ^2/NDF : 29.4/26

In: 406.296+/-586.424 χ^2/NDF : 14.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -178.267+/-397.734 χ^2/NDF : 29.4/26

reg_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1276.016+/-0.415 χ^2/NDF : 502463.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

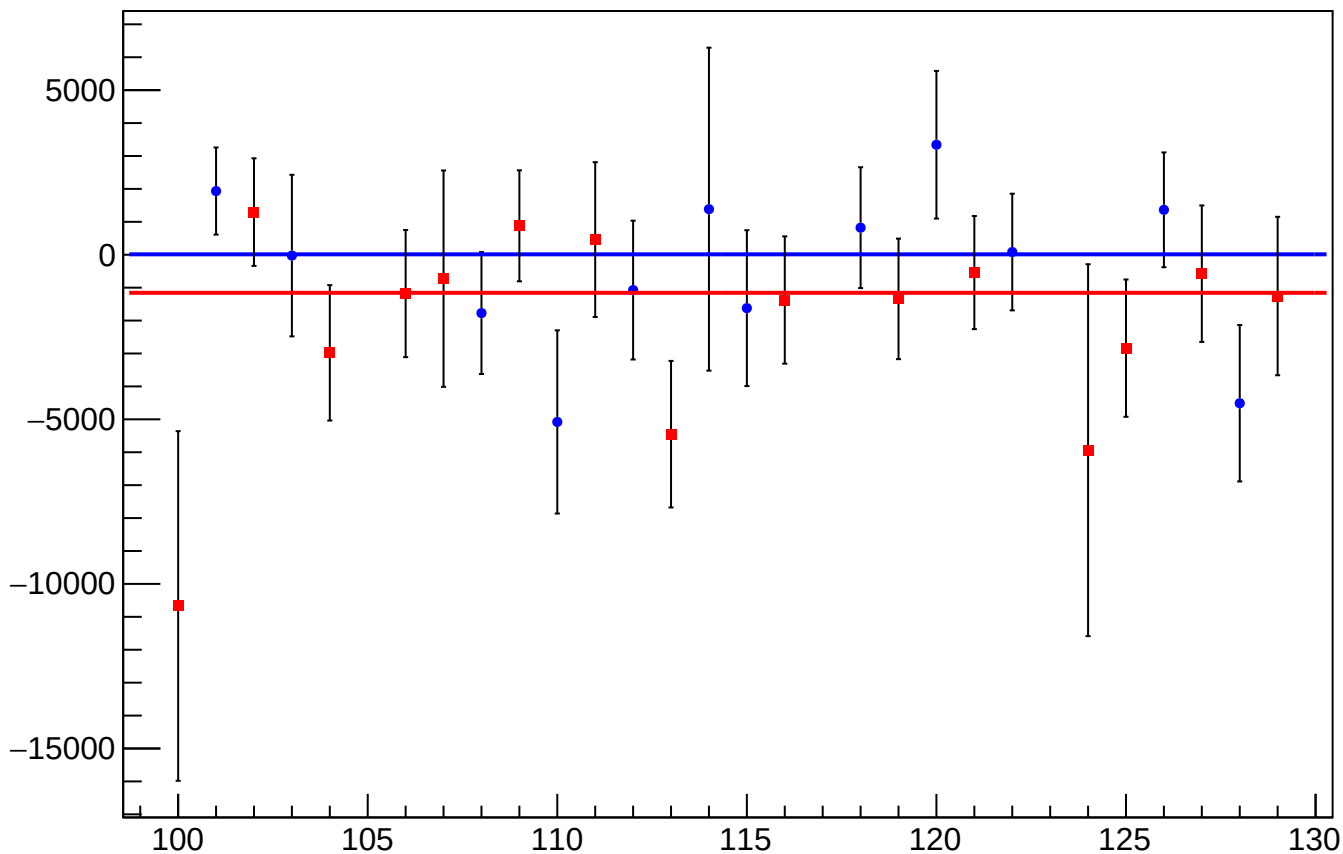
Right: 1276.032+/-0.281 χ^2/NDF : 810008.4/26

In: 1276.016+/-0.415 χ^2/NDF : 502463.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1276.032+/-0.281 χ^2/NDF : 810008.4/26

asym_at1_dd_at2_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 12.671+/-584.960 χ^2/NDF : 13.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

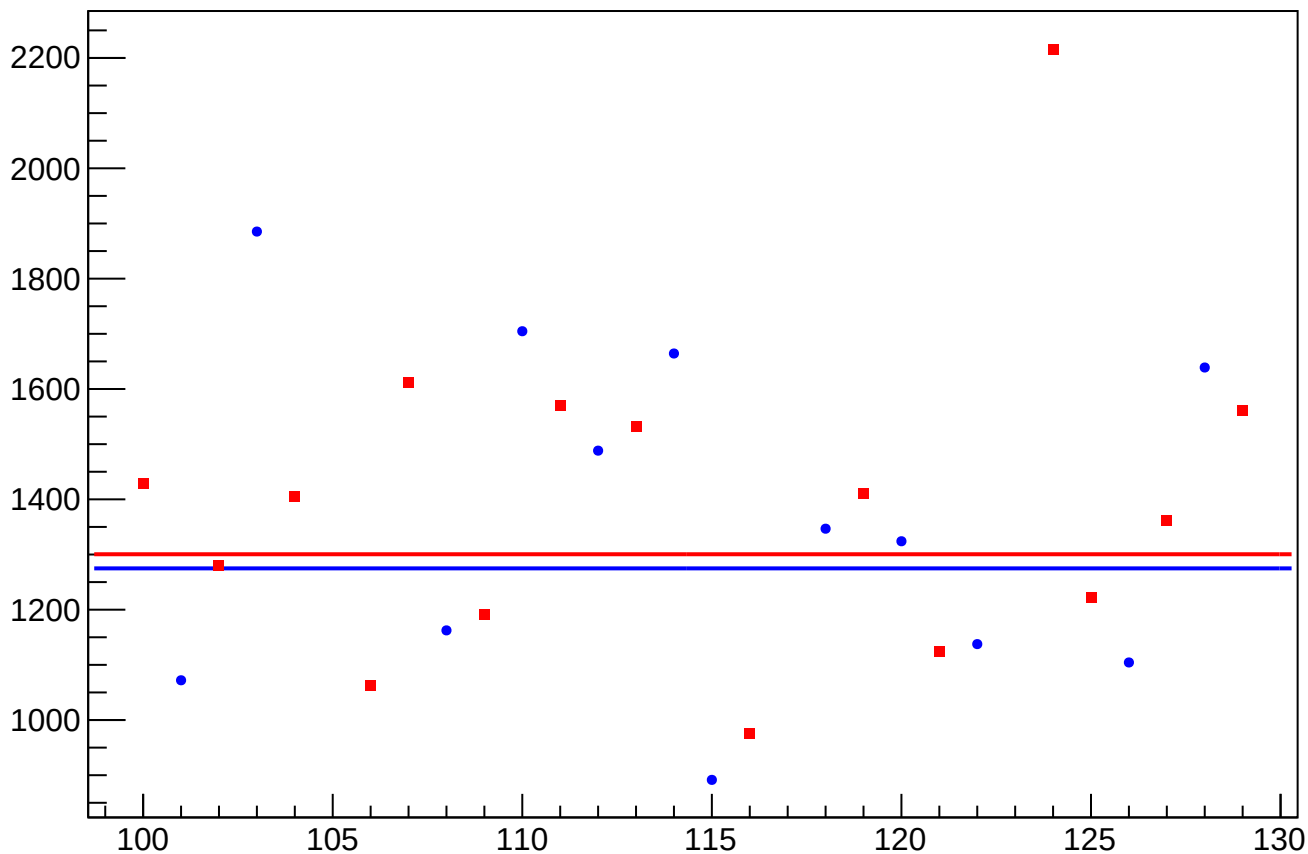
Right: -608.456+/-400.480 χ^2/NDF : 29.5/26

In: 12.671+/-584.960 χ^2/NDF : 13.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -608.456+/-400.480 χ^2/NDF : 29.5/26

asym_at1_dd_at2_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1274.867+/-0.414 χ^2/NDF : 393430.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

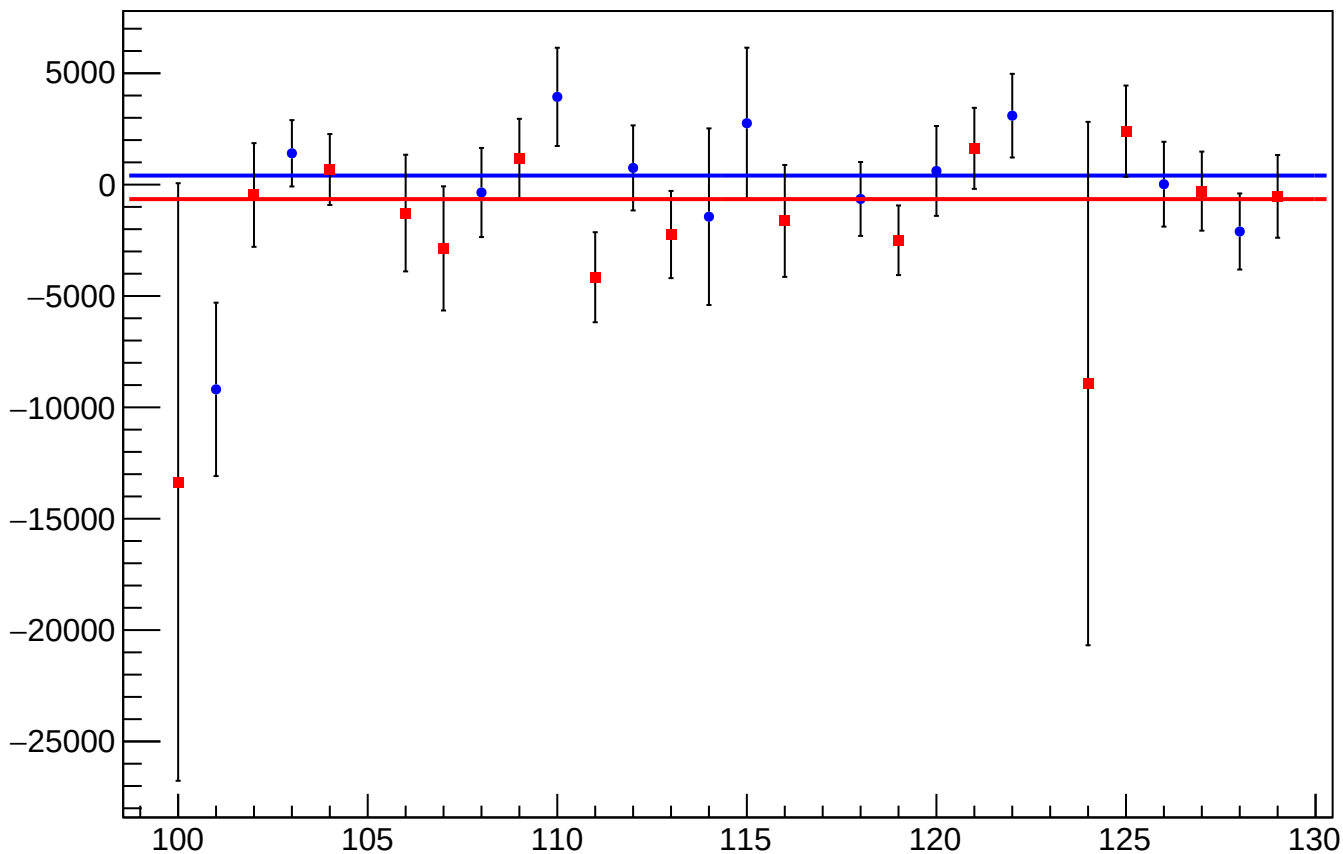
Right: 1288.478+/-0.283 χ^2/NDF : 671824.7/26

In: 1274.867+/-0.414 χ^2/NDF : 393430.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1288.478+/-0.283 χ^2/NDF : 671824.7/26

cor_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 406.690+/-586.424 χ^2/NDF : 14.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

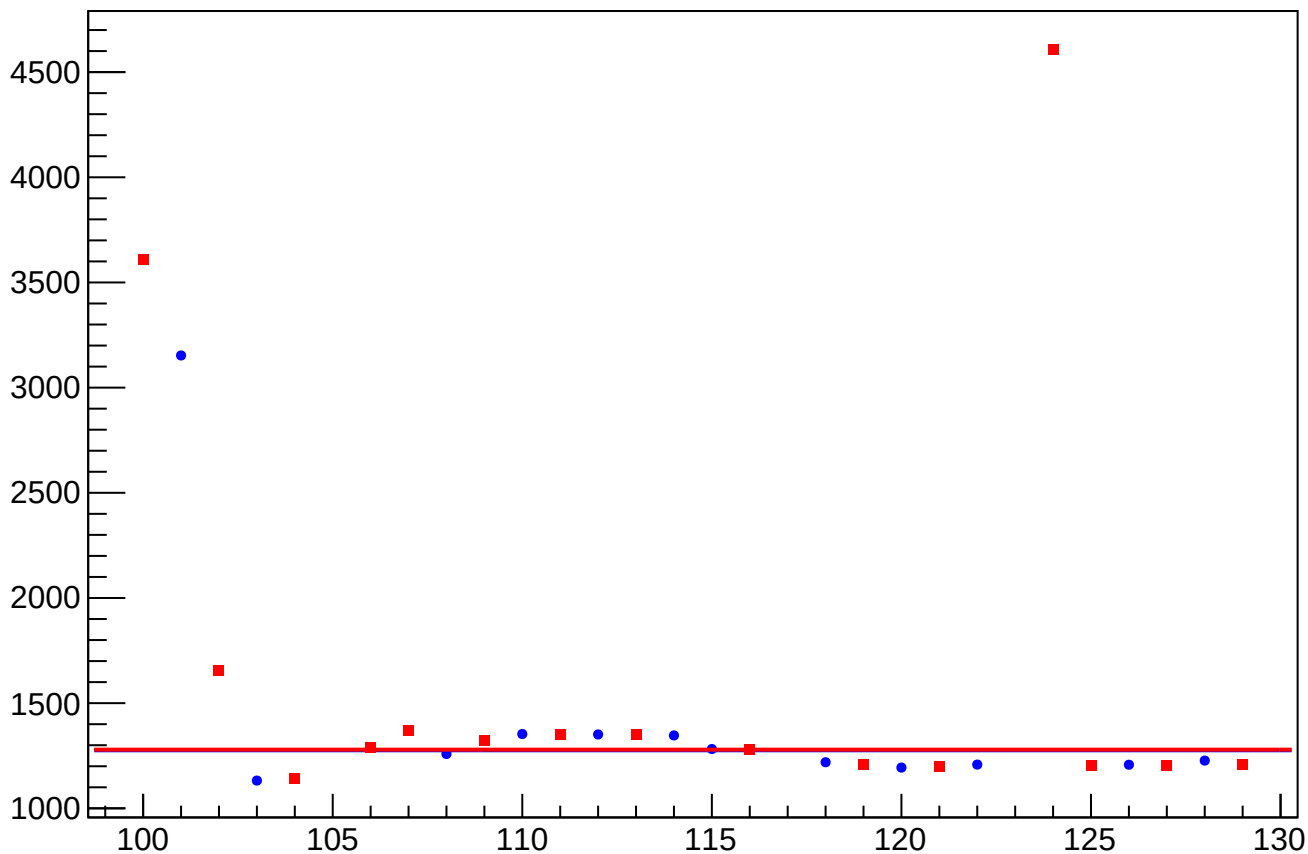
Right: -163.278+/-398.197 χ^2/NDF : 29.2/26

In: 406.690+/-586.424 χ^2/NDF : 14.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -163.278+/-398.197 χ^2/NDF : 29.2/26

cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1276.016+/-0.415 χ^2/NDF : 502464.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

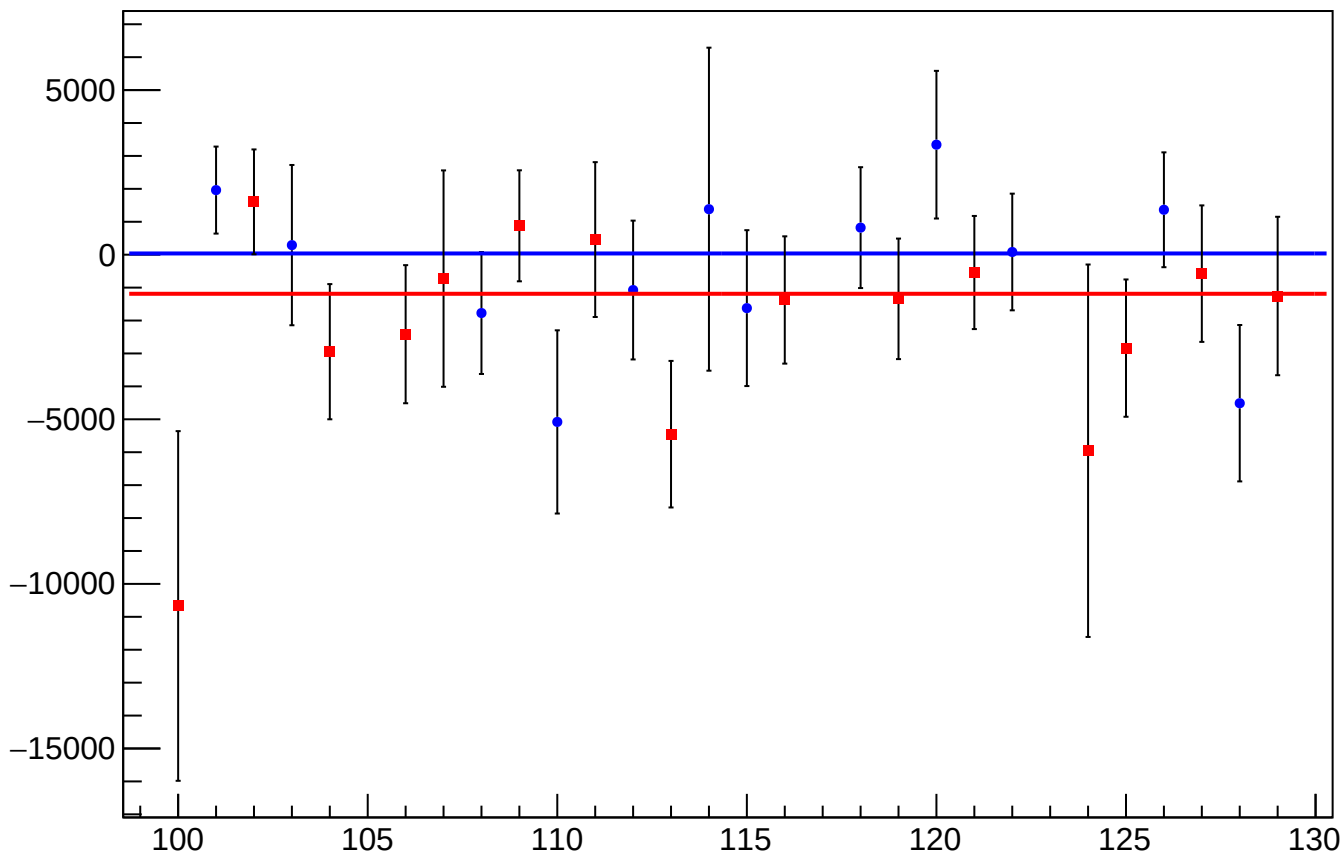
Right: 1277.583+/-0.282 χ^2/NDF : 816930.2/26

In: 1276.016+/-0.415 χ^2/NDF : 502464.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1277.583+/-0.282 χ^2/NDF : 816930.2/26

asym_at1_dd_at2_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 37.407+/-584.503 χ^2/NDF : 13.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

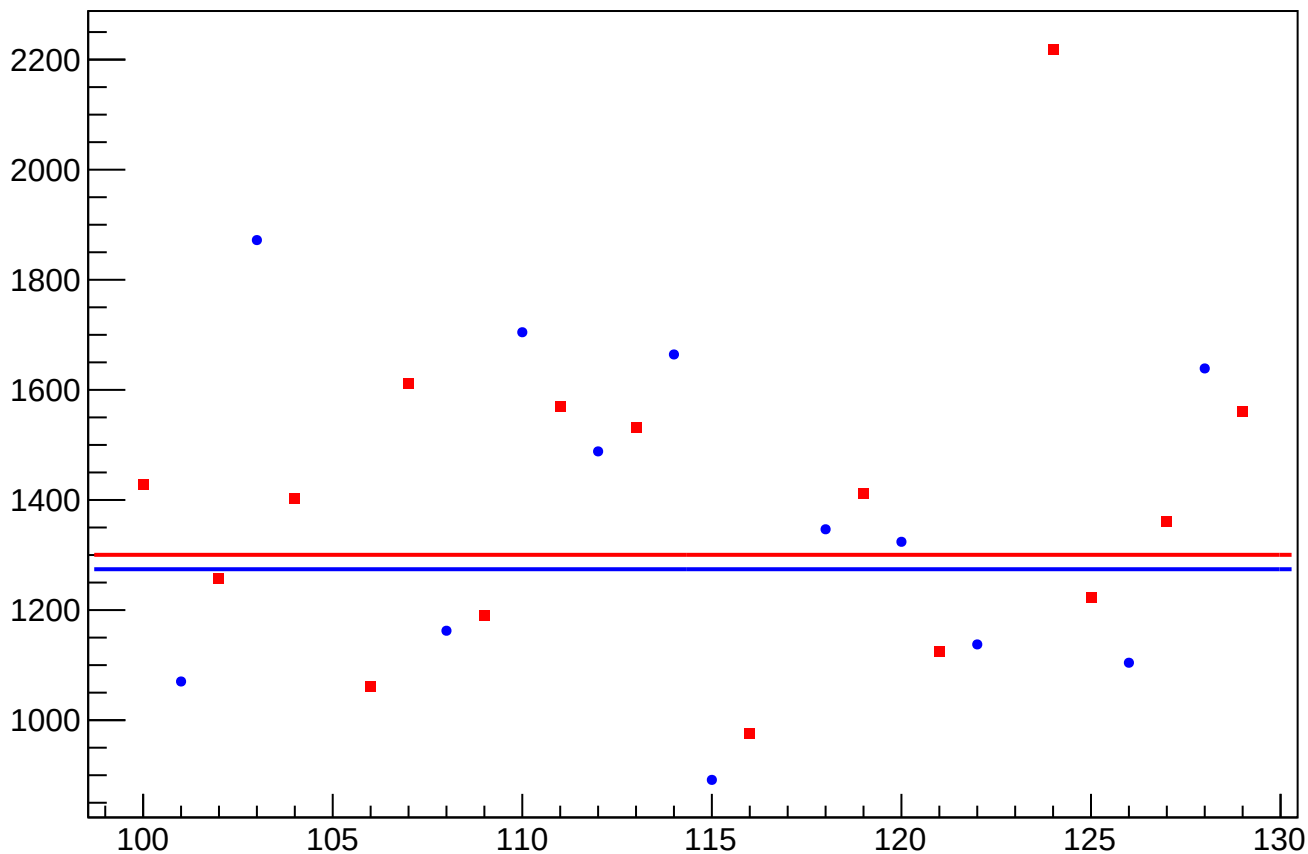
Right: -611.010+/-400.978 χ^2/NDF : 30.8/26

In: 37.407+/-584.503 χ^2/NDF : 13.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -611.010+/-400.978 χ^2/NDF : 30.8/26

asym_at1_dd_at2_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1274.208+/-0.413 χ^2/NDF : 391084.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

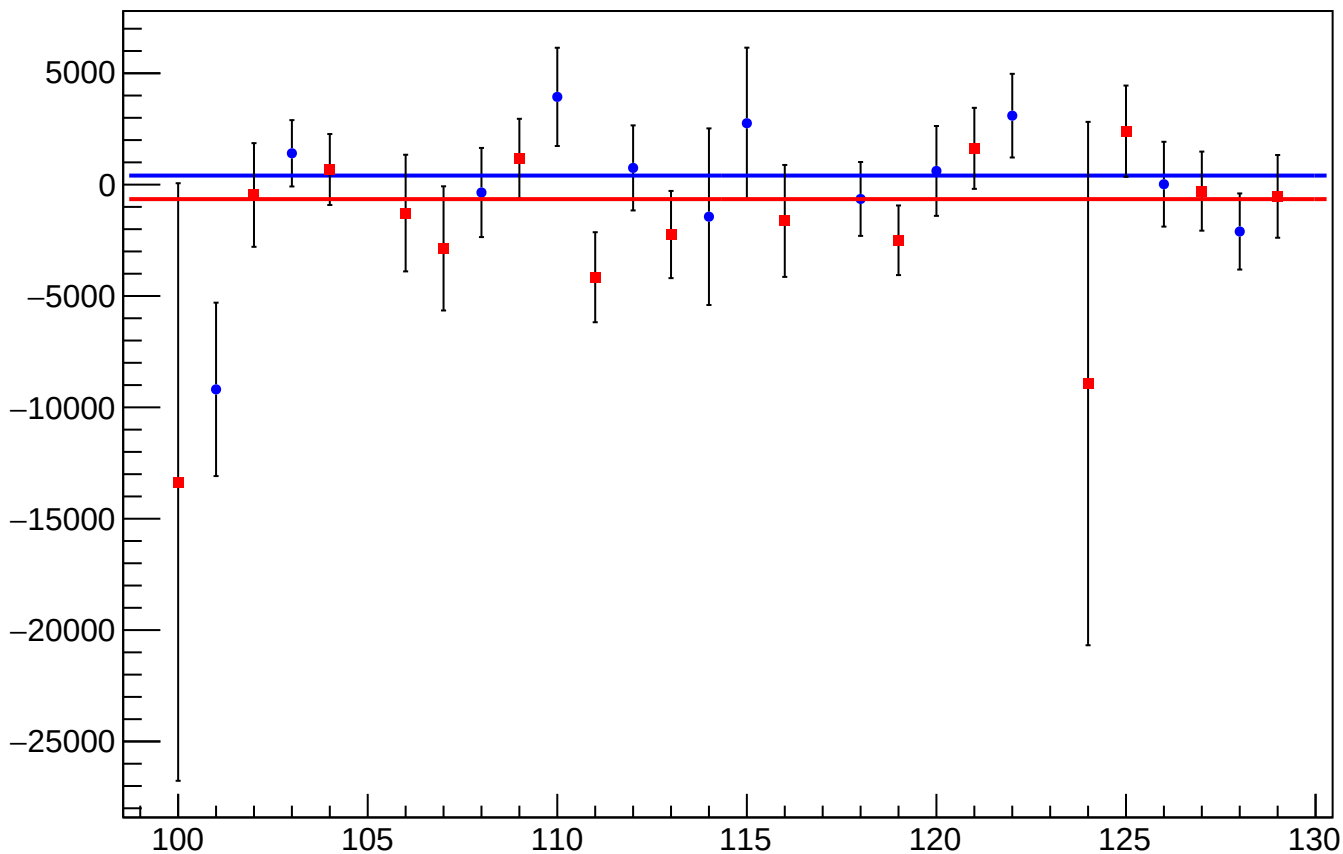
Right: 1288.054+/-0.284 χ^2/NDF : 666681.2/26

In: 1274.208+/-0.413 χ^2/NDF : 391084.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1288.054+/-0.284 χ^2/NDF : 666681.2/26

eigen_cor_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 406.690+/-586.424 χ^2/NDF : 14.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

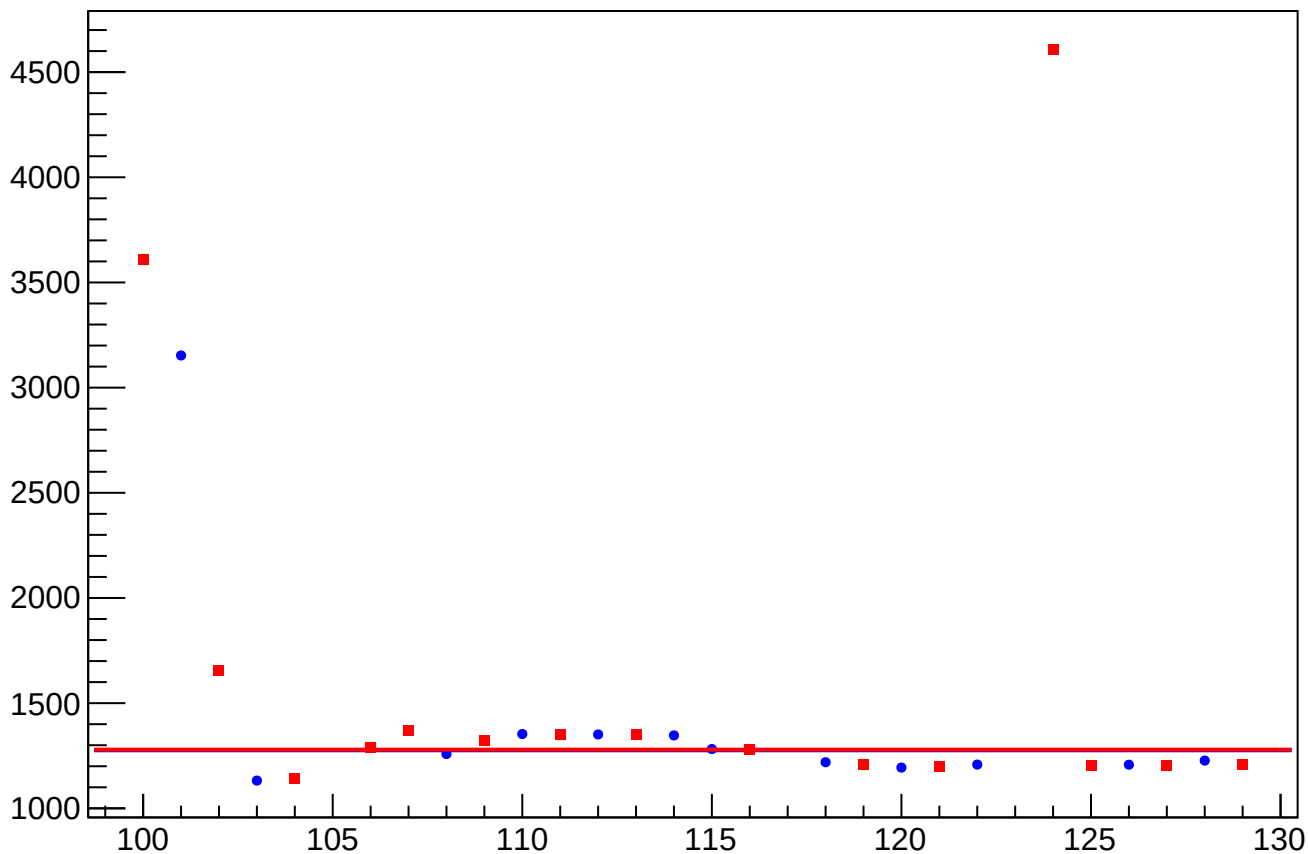
Right: -163.278+/-398.197 χ^2/NDF : 29.2/26

In: 406.690+/-586.424 χ^2/NDF : 14.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -163.278+/-398.197 χ^2/NDF : 29.2/26

eigen_cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1276.016+/-0.415 χ^2/NDF : 502464.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

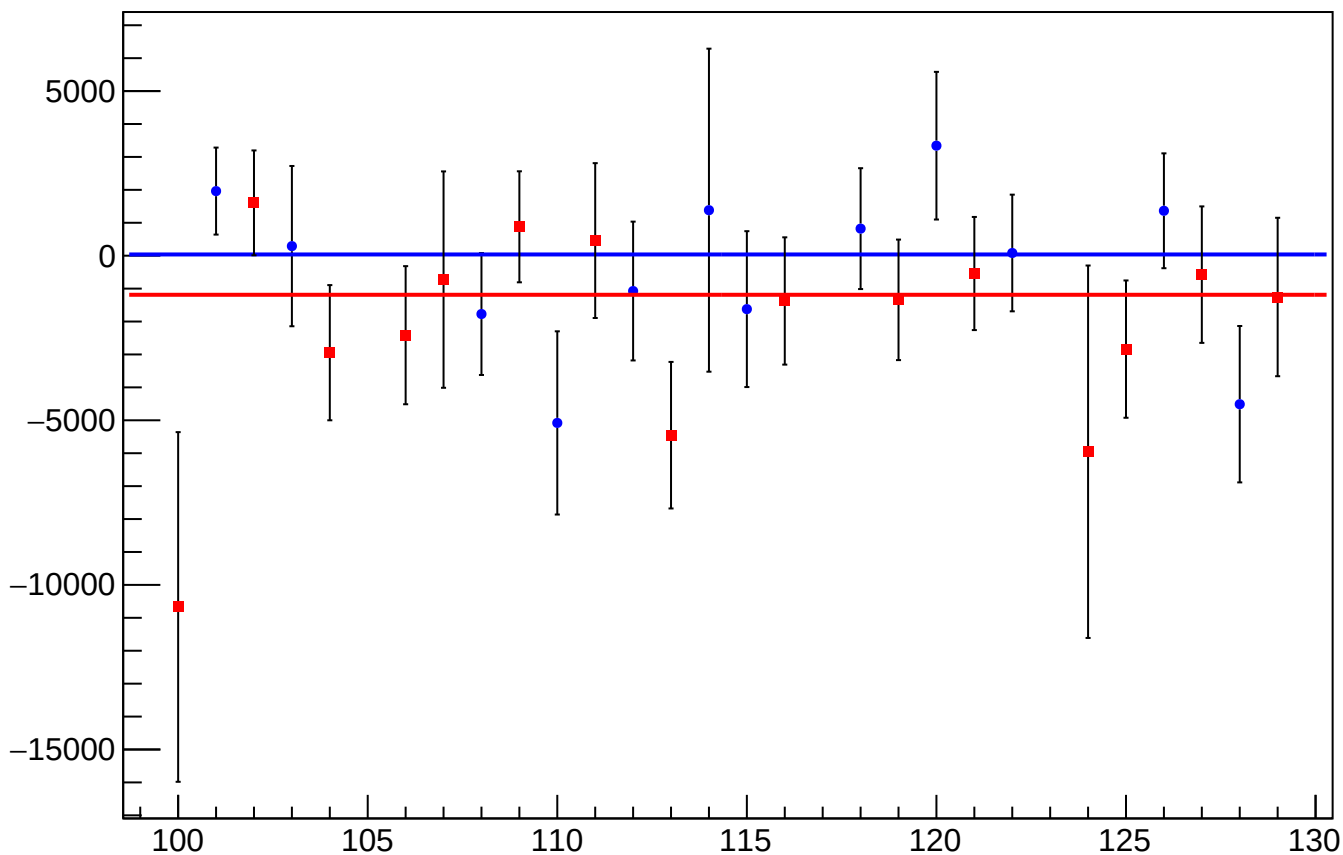
Right: 1277.583+/-0.282 χ^2/NDF : 816930.2/26

In: 1276.016+/-0.415 χ^2/NDF : 502464.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1277.583+/-0.282 χ^2/NDF : 816930.2/26

asym_at1_dd_at2_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 37.407+/-584.503 χ^2/NDF : 13.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

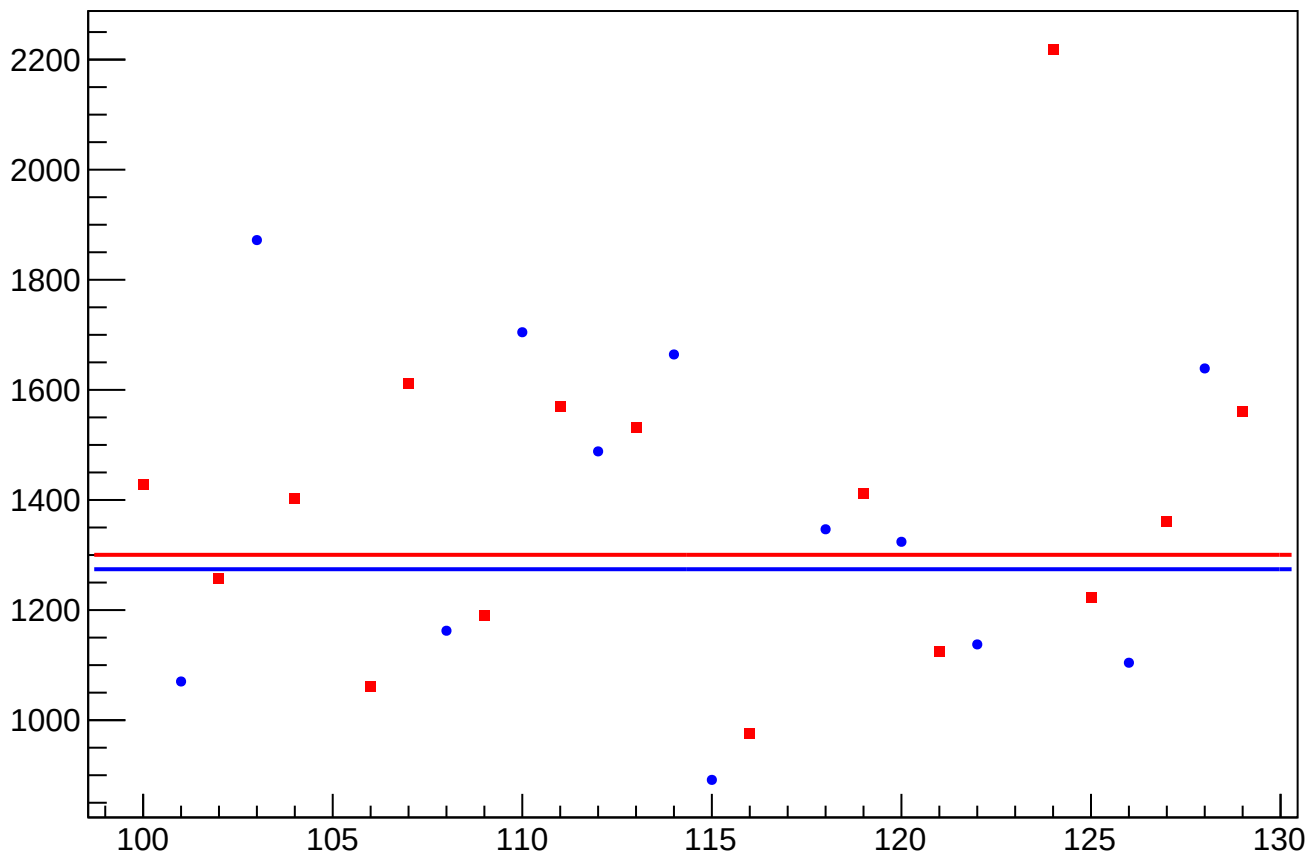
Right: -611.010+/-400.978 χ^2/NDF : 30.8/26

In: 37.407+/-584.503 χ^2/NDF : 13.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -611.010+/-400.978 χ^2/NDF : 30.8/26

asym_at1_dd_at2_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1274.208+/-0.413 χ^2/NDF : 391084.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

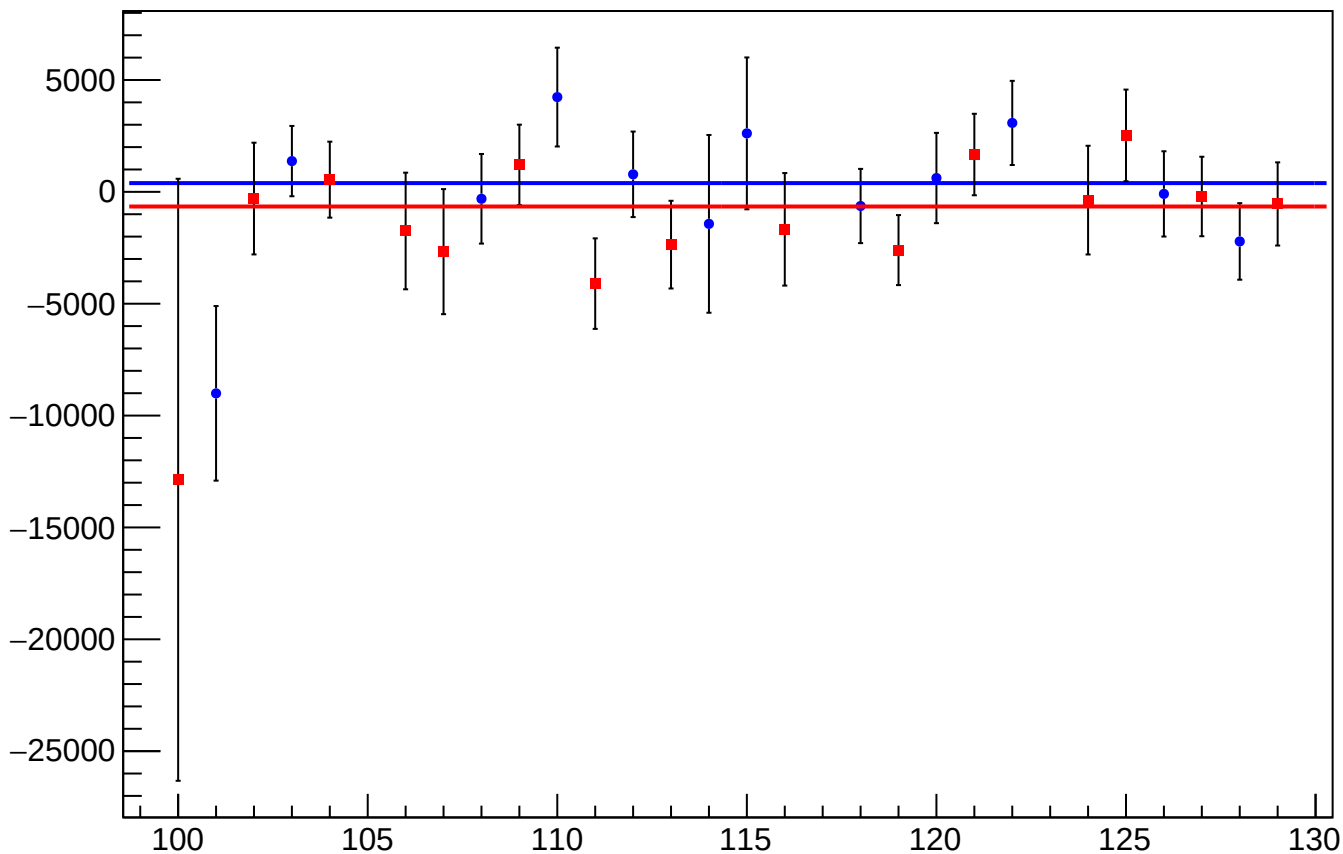
Right: 1288.054+/-0.284 χ^2/NDF : 666681.2/26

In: 1274.208+/-0.413 χ^2/NDF : 391084.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1288.054+/-0.284 χ^2/NDF : 666681.2/26

dit_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 391.442 ± 591.621 χ^2/NDF : 14.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

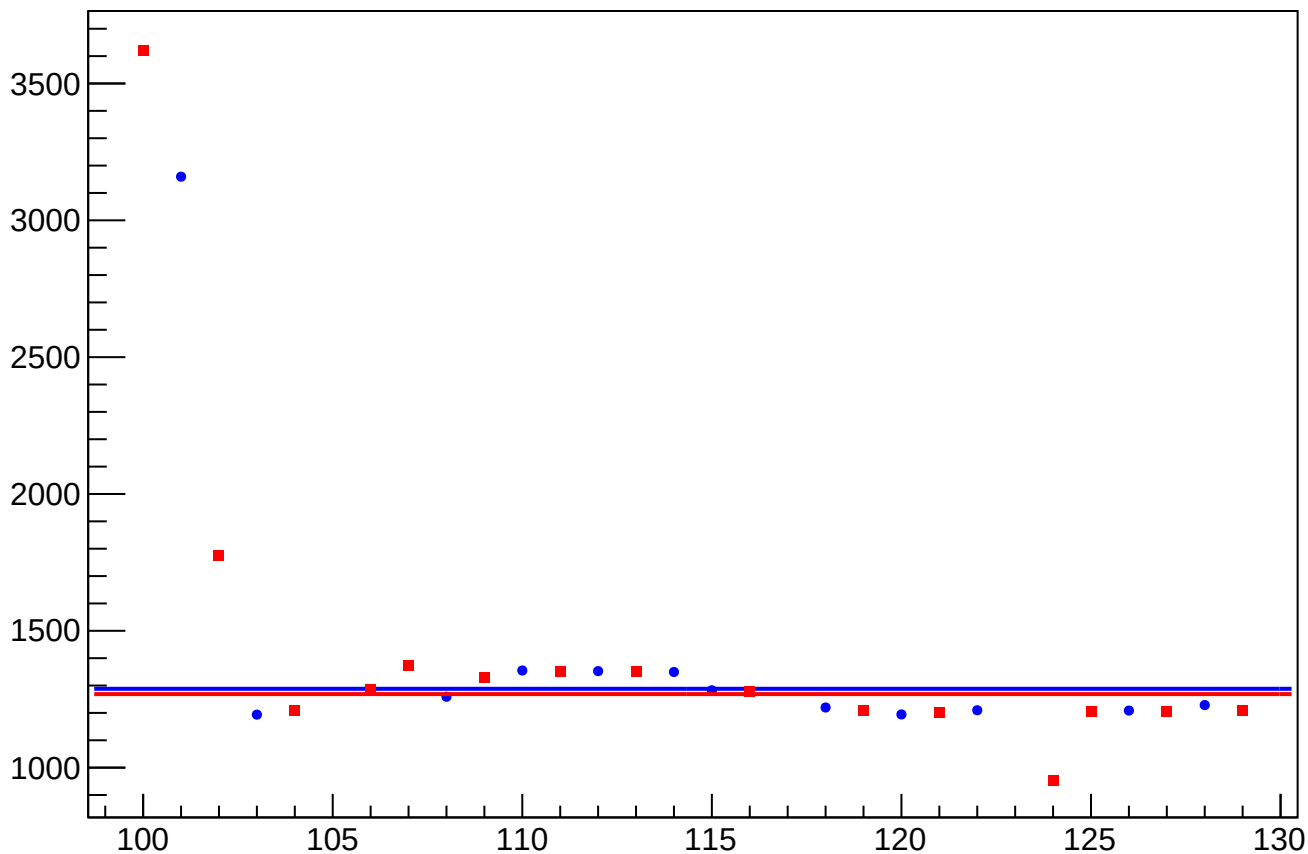
Right: -183.188 ± 397.108 χ^2/NDF : 29.2/26

In: 391.442 ± 591.621 χ^2/NDF : 14.9/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -183.188 ± 397.108 χ^2/NDF : 29.2/26

dit_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1288.143+/-0.418 χ^2/NDF : 489494.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

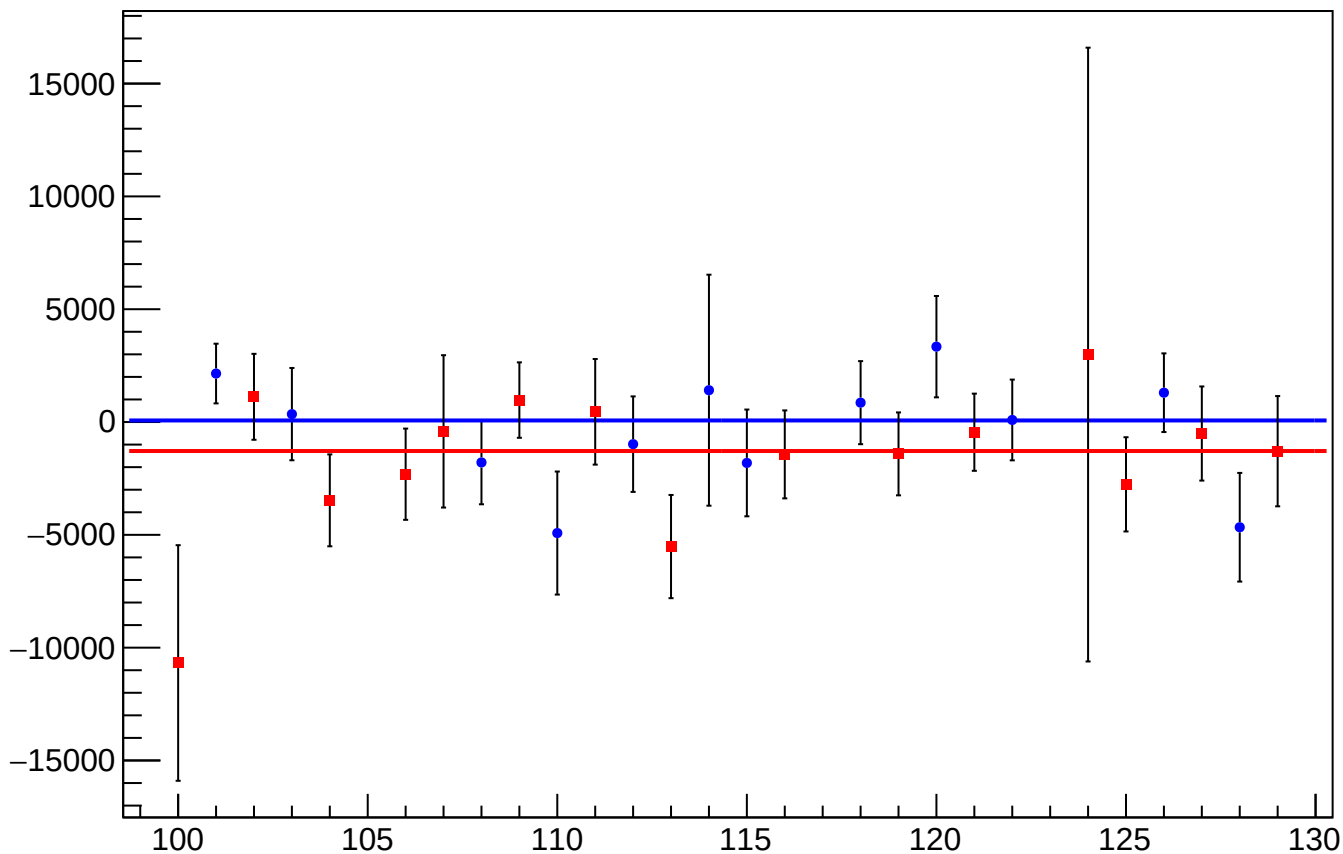
Right: 1277.471+/-0.281 χ^2/NDF : 695214.9/26

In: 1288.143+/-0.418 χ^2/NDF : 489494.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1277.471+/-0.281 χ^2/NDF : 695214.9/26

asym_at1_dd_at2_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 69.773+/-578.983 χ^2/NDF : 14.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1284.626+/-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

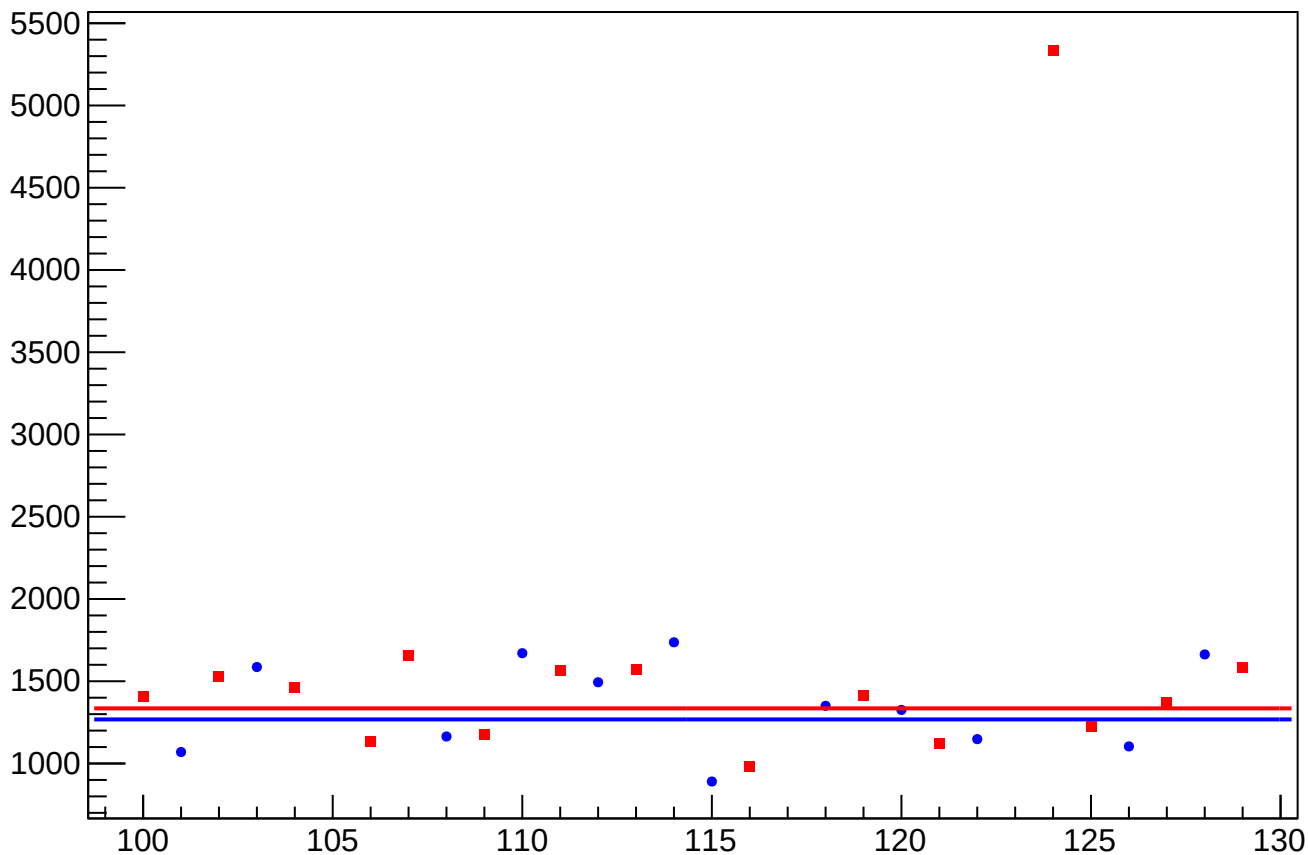
Right: -625.971+/-403.759 χ^2/NDF : 30.4/26

In: 69.773+/-578.983 χ^2/NDF : 14.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -625.971+/-403.759 χ^2/NDF : 30.4/26

asym_at1_dd_at2_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1267.987+/-0.409 χ^2/NDF : 319584.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

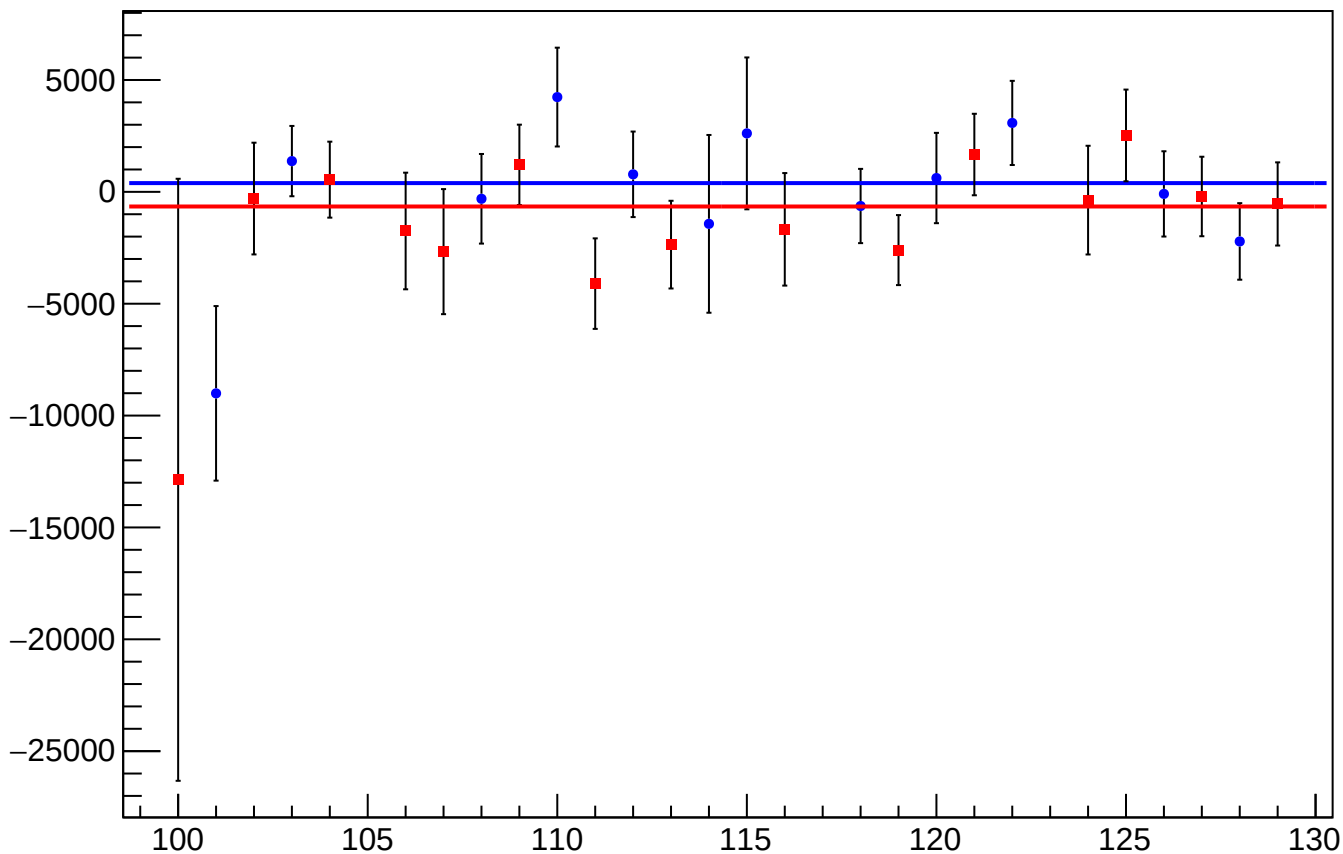
Right: 1302.449+/-0.286 χ^2/NDF : 760367.3/26

In: 1267.987+/-0.409 χ^2/NDF : 319584.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1302.449+/-0.286 χ^2/NDF : 760367.3/26

eigen_dit_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 391.441+/-591.621 χ^2/NDF : 14.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

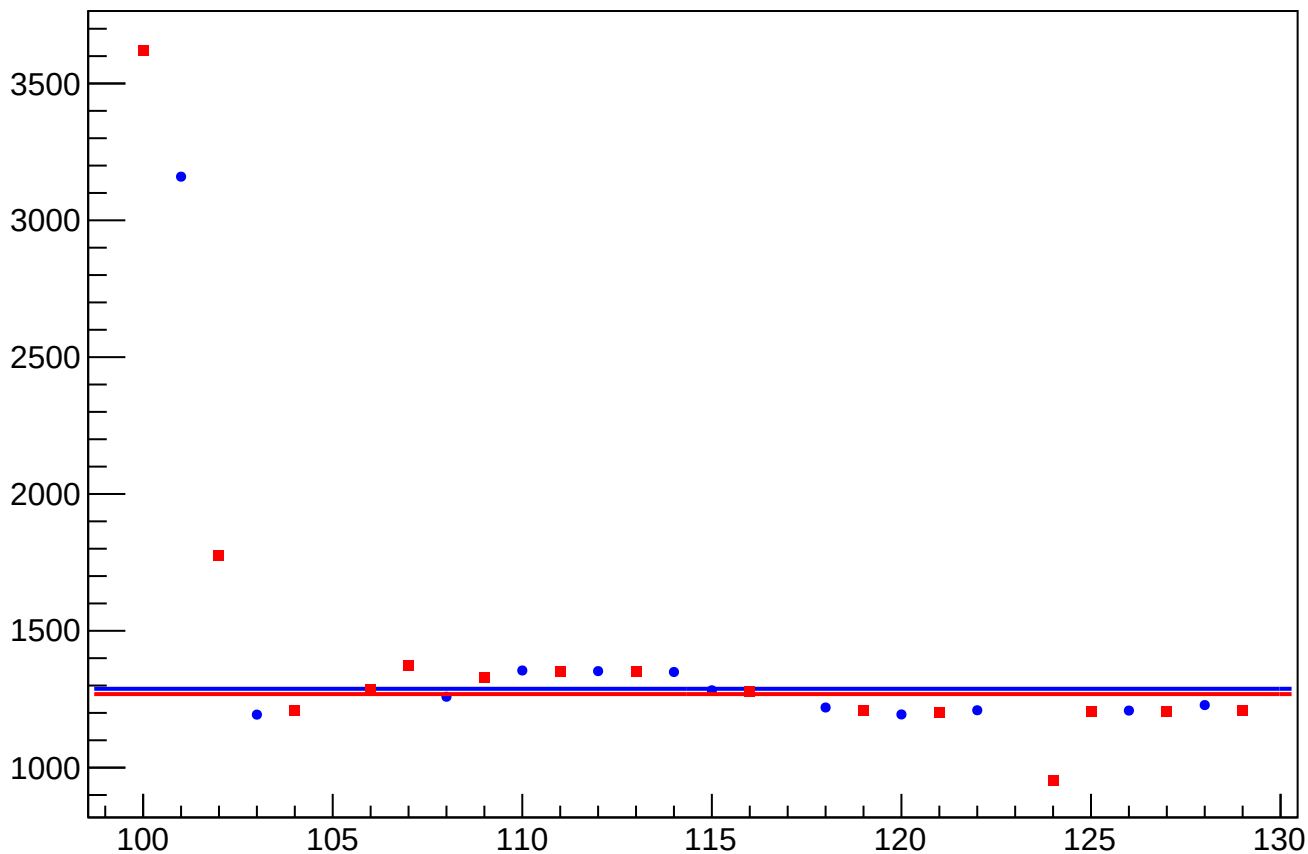
Right: -183.189+/-397.108 χ^2/NDF : 29.2/26

In: 391.441+/-591.621 χ^2/NDF : 14.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -183.189+/-397.108 χ^2/NDF : 29.2/26

eigen_dit_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1288.143+/-0.418 χ^2/NDF : 489494.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

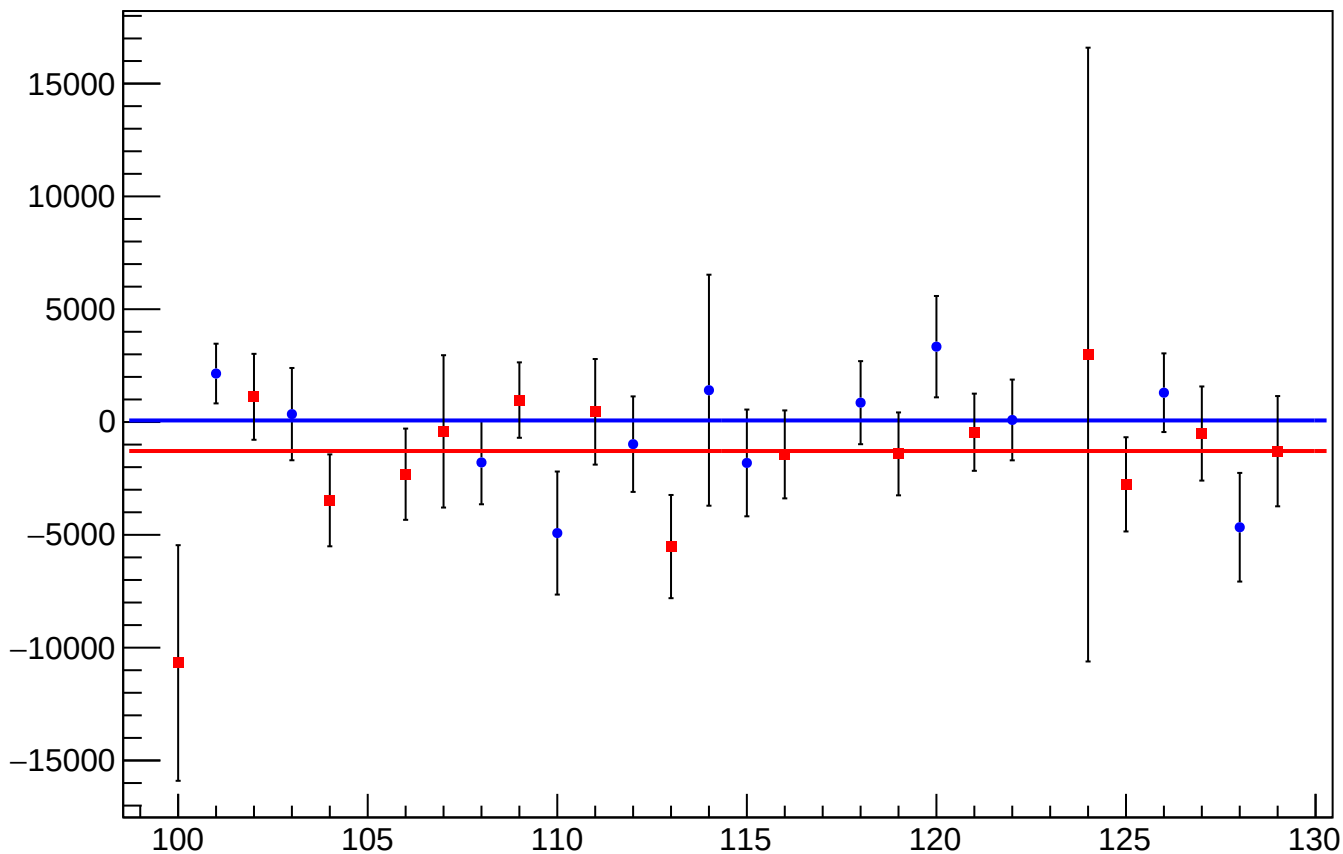
Right: 1277.470+/-0.281 χ^2/NDF : 695215.0/26

In: 1288.143+/-0.418 χ^2/NDF : 489494.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1277.470+/-0.281 χ^2/NDF : 695215.0/26

asym_at1_dd_at2_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 69.772+/-578.981 χ^2/NDF : 14.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1284.626+/-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

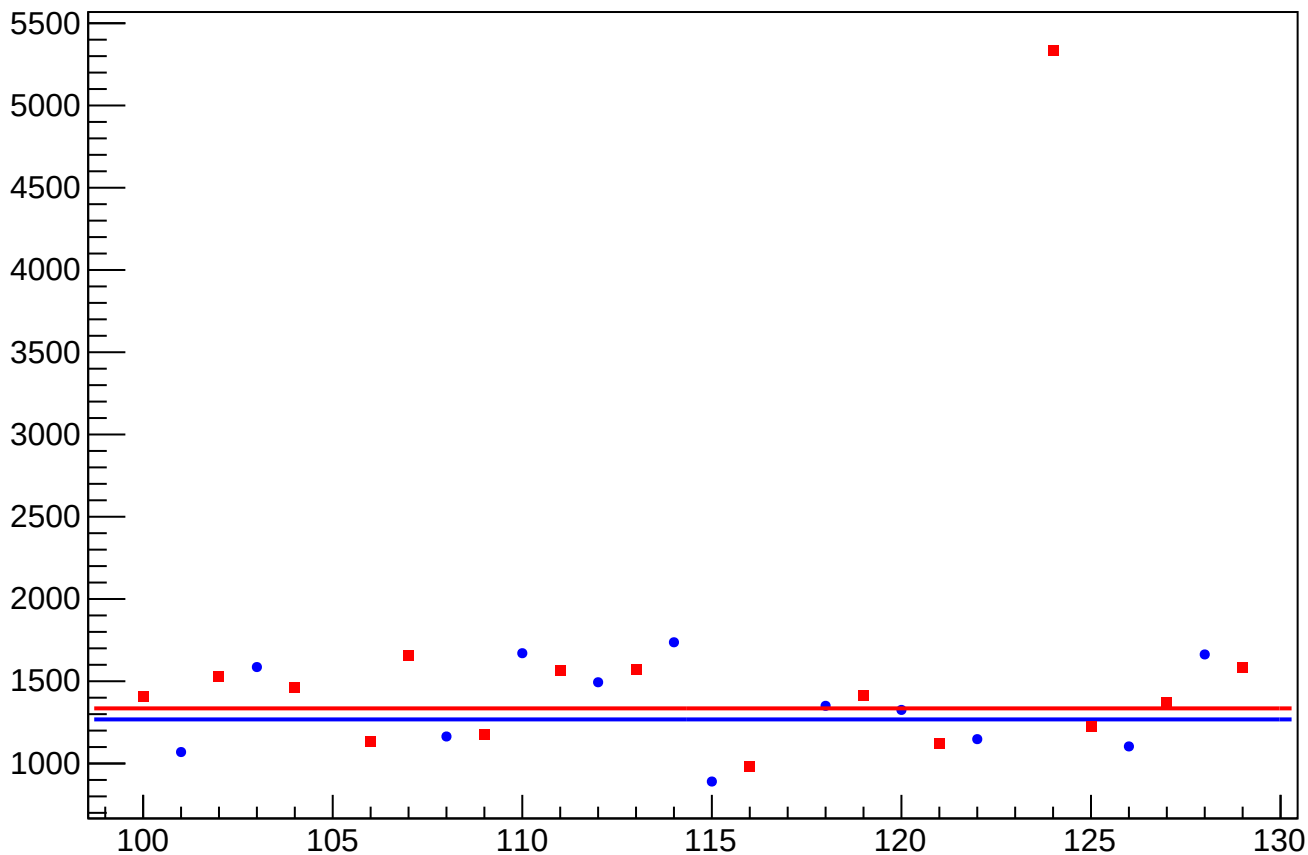
Right: -625.969+/-403.758 χ^2/NDF : 30.4/26

In: 69.772+/-578.981 χ^2/NDF : 14.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -625.969+/-403.758 χ^2/NDF : 30.4/26

asym_at1_dd_at2_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1267.983+/-0.409 χ^2/NDF : 319590.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

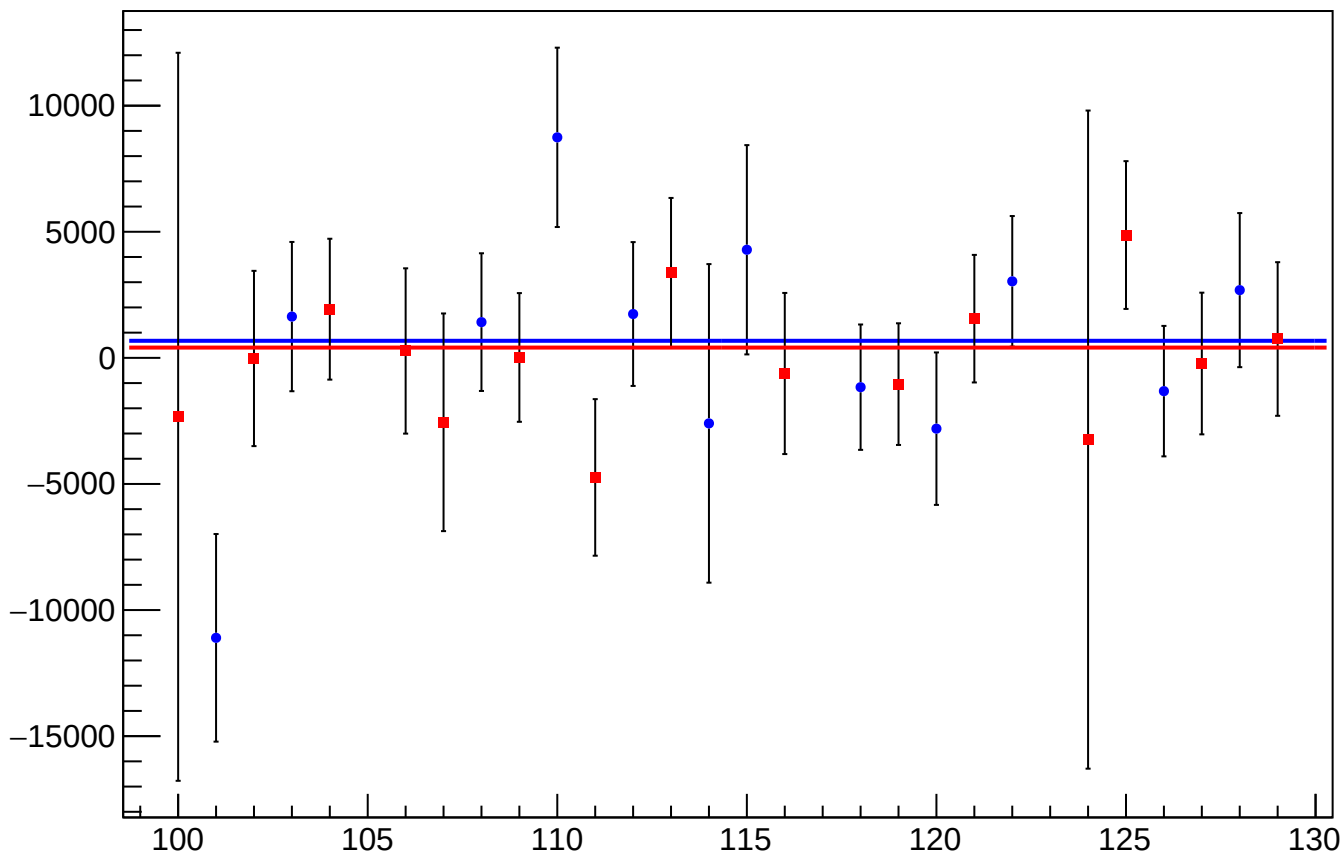
Right: 1302.446+/-0.285 χ^2/NDF : 760374.2/26

In: 1267.983+/-0.409 χ^2/NDF : 319590.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1302.446+/-0.285 χ^2/NDF : 760374.2/26

asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 676.768+/-887.475 χ^2/NDF : 18.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 408.073+/-812.116 χ^2/NDF : 7.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

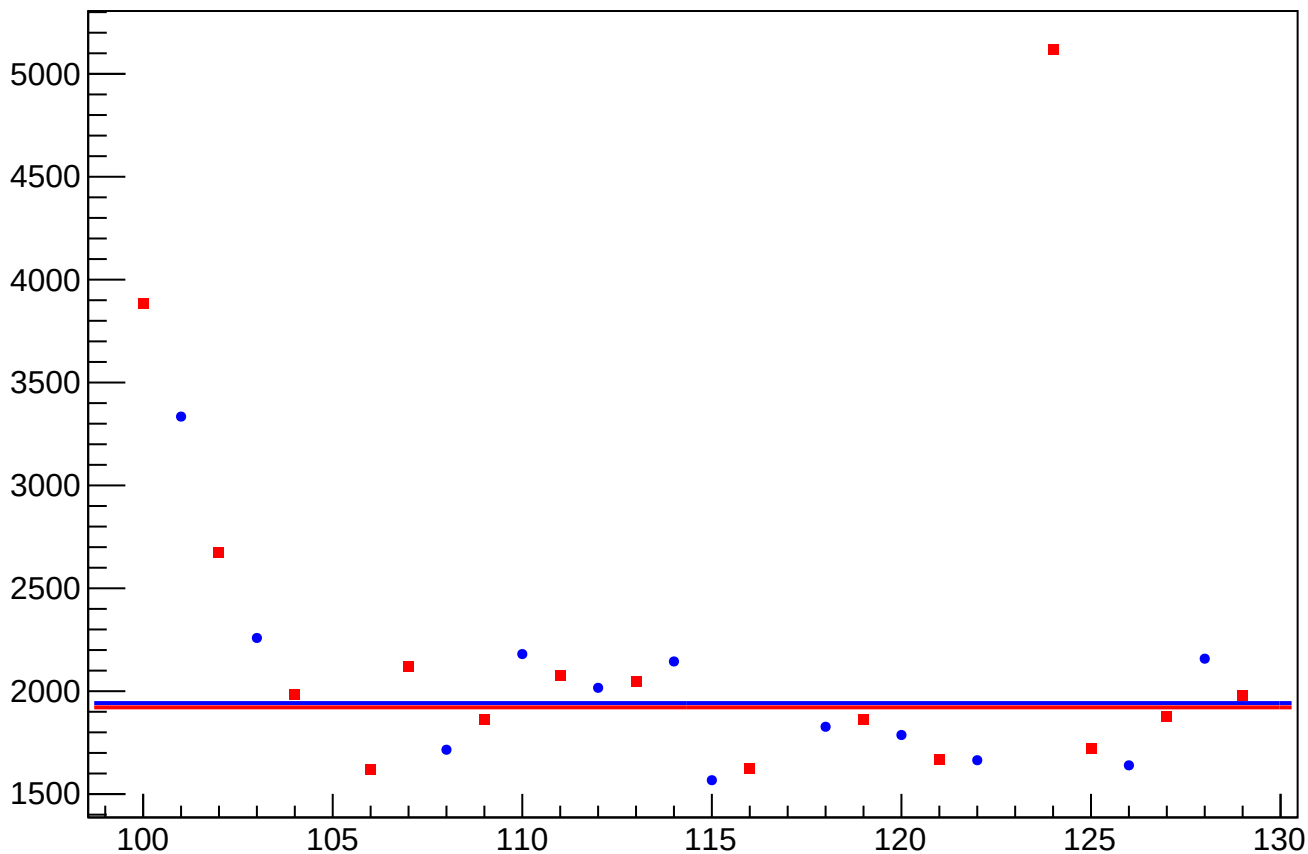
Right: 530.530+/-599.126 χ^2/NDF : 26.2/26

In: 676.768+/-887.475 χ^2/NDF : 18.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 530.530+/-599.126 χ^2/NDF : 26.2/26

asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1942.247+/-0.628 χ^2/NDF : 364037.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

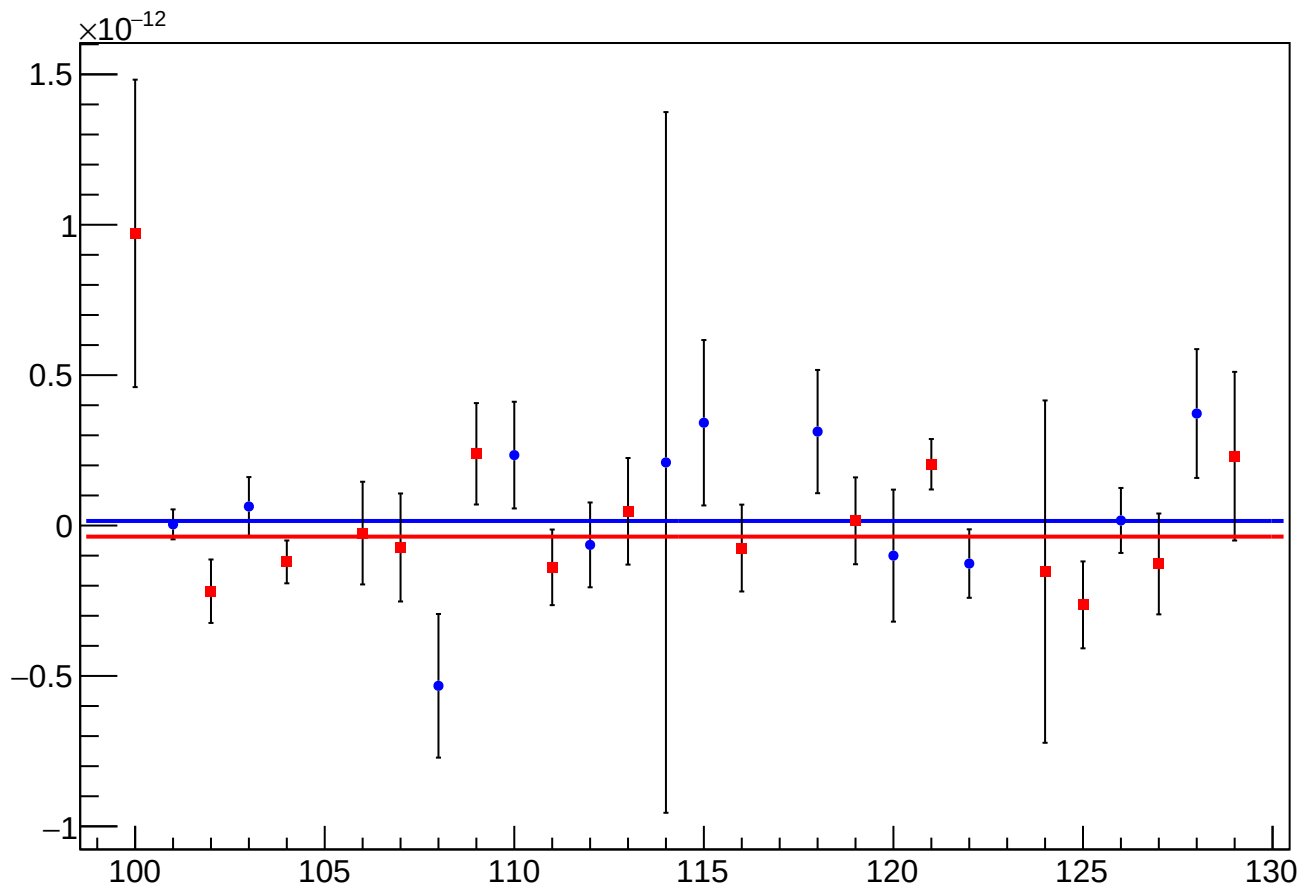
Right: 1930.925+/-0.424 χ^2/NDF : 696858.7/26

In: 1942.247+/-0.628 χ^2/NDF : 364037.6/11

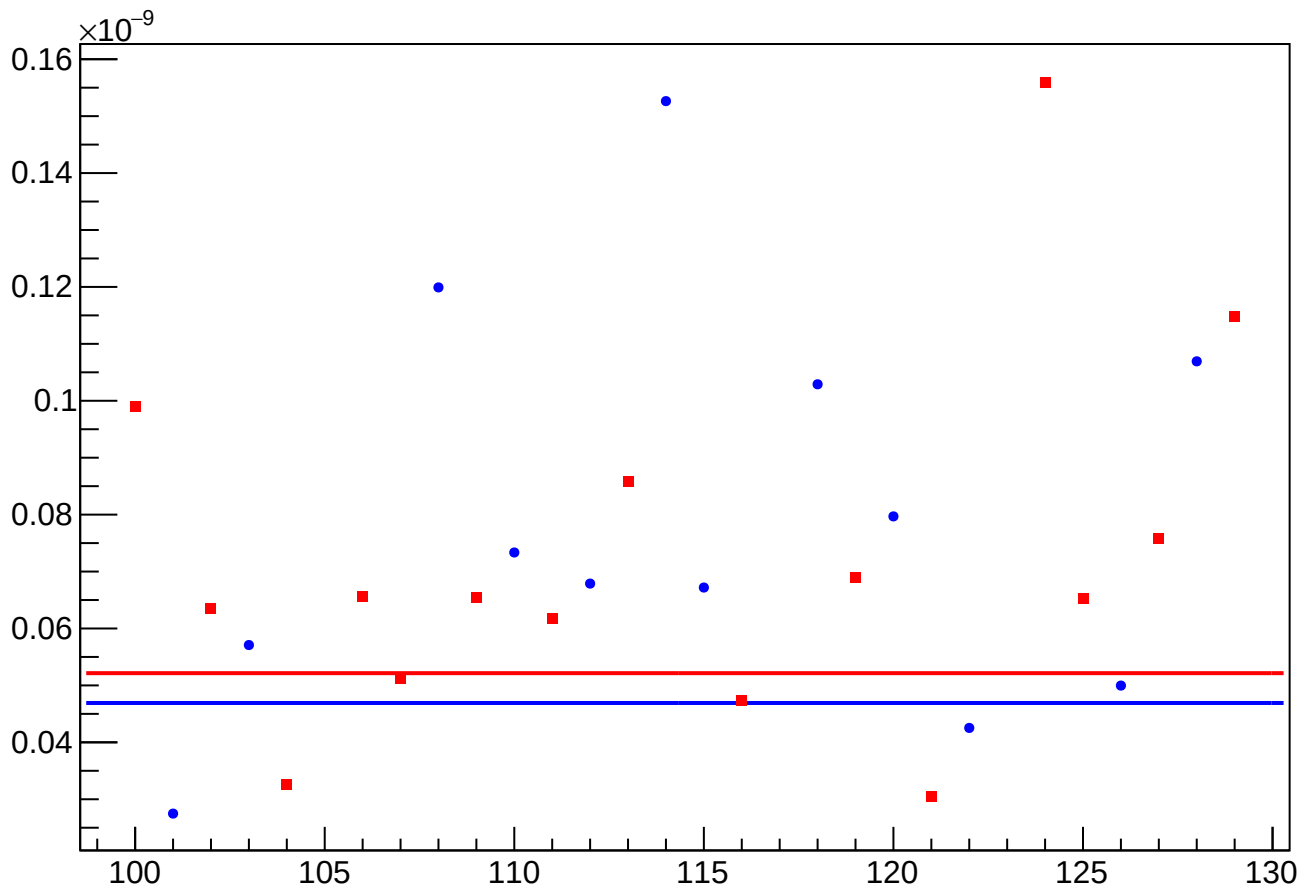
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1930.925+/-0.424 χ^2/NDF : 696858.7/26

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 984664.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

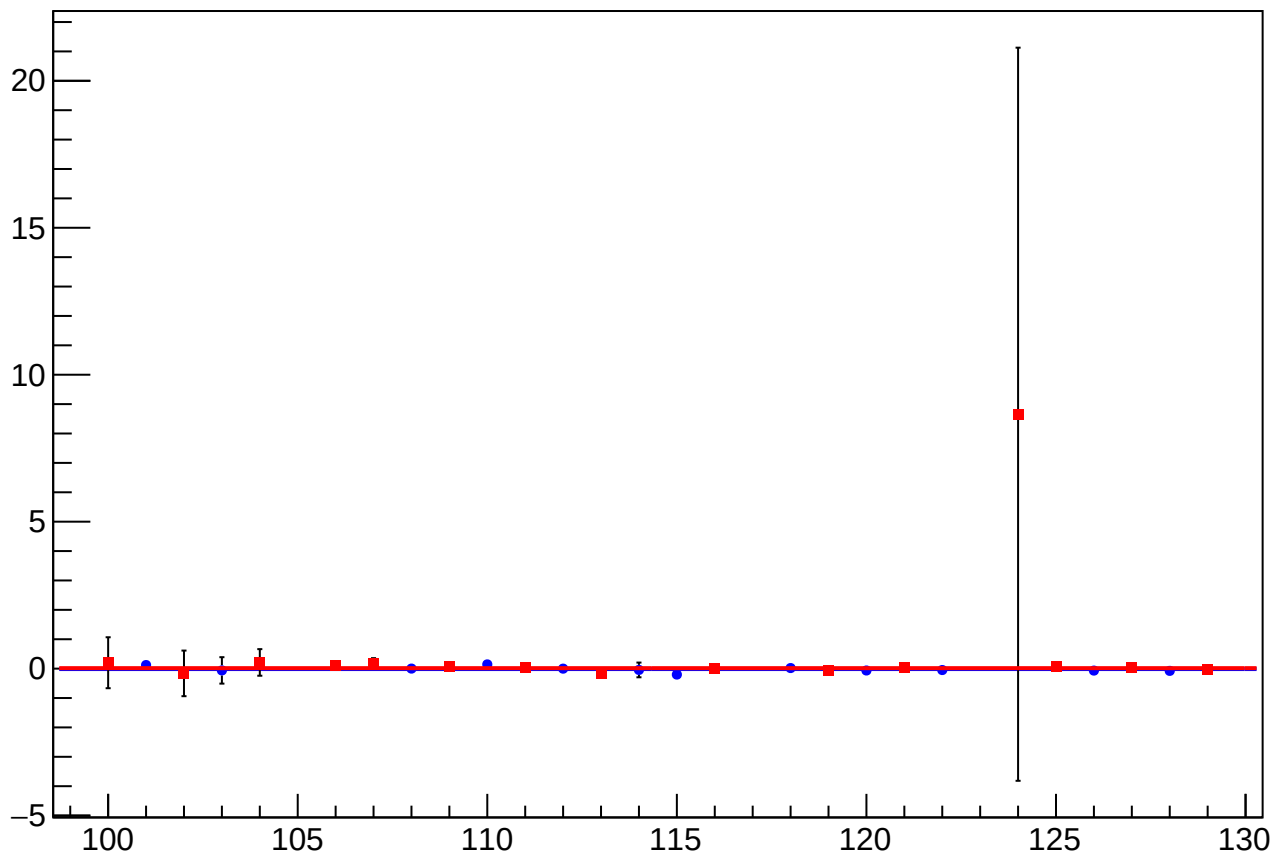
Right: 0.000+/-0.000 χ^2/NDF : 1691766.3/26

In: 0.000+/-0.000 χ^2/NDF : 984664.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1691766.3/26

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014 ± 0.022 χ^2/NDF : 12.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.016 ± 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

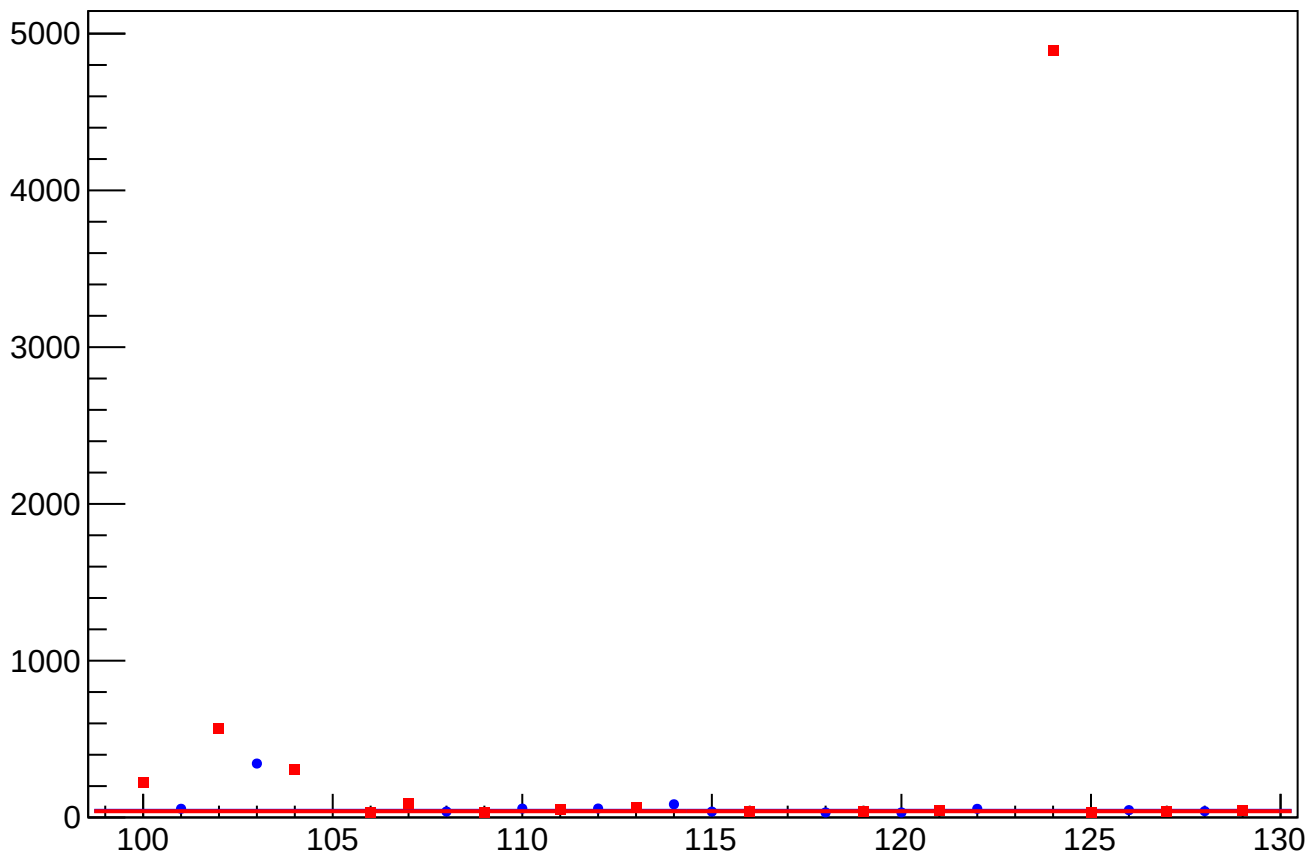
Right: 0.002 ± 0.015 χ^2/NDF : 24.4/26

In: -0.014 ± 0.022 χ^2/NDF : 12.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.002 ± 0.015 χ^2/NDF : 24.4/26

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.367+/-0.015 χ^2/NDF : 1351502.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.747+/-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

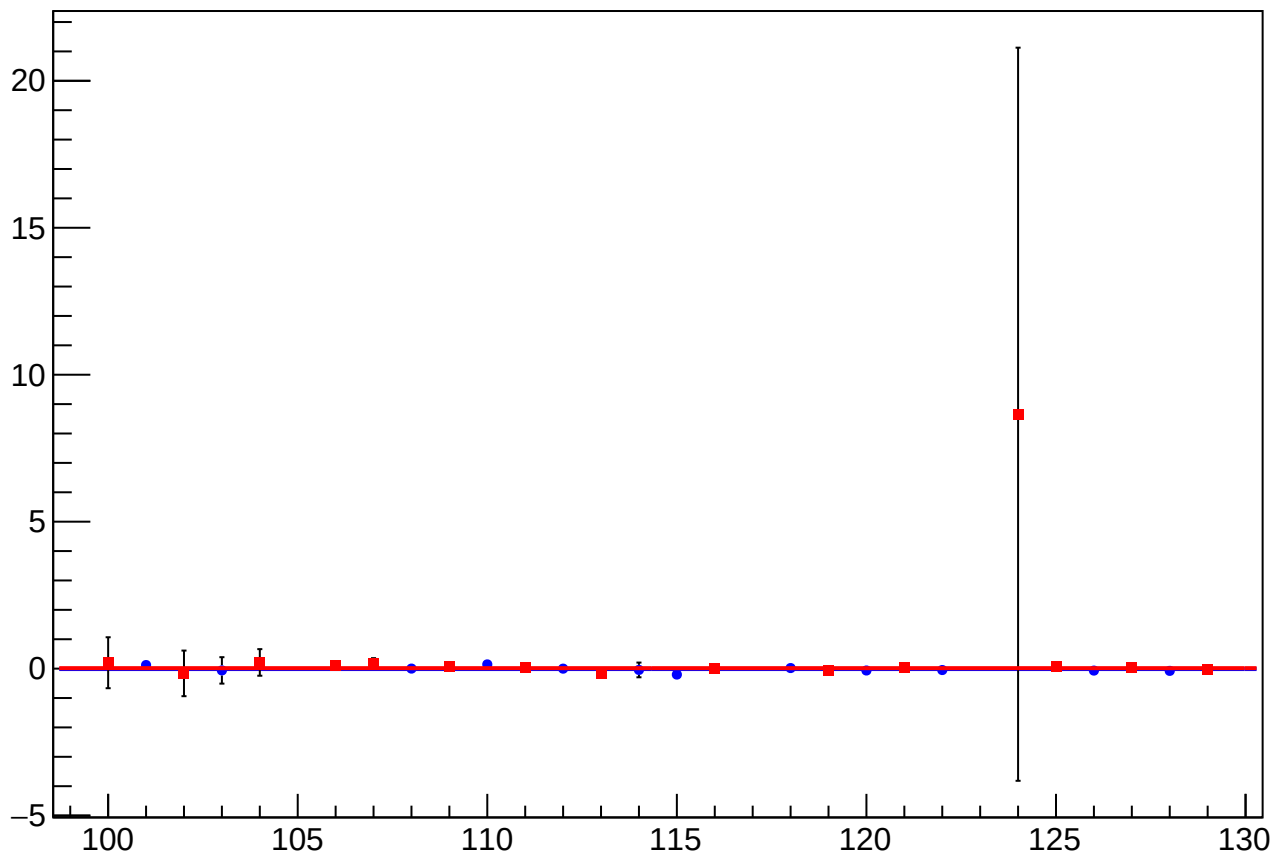
Right: 40.962+/-0.010 χ^2/NDF : 3784835.8/26

In: 42.367+/-0.015 χ^2/NDF : 1351502.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.962+/-0.010 χ^2/NDF : 3784835.8/26

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014 $\pm$ 0.022 χ^2 /NDF: 12.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.016 $\pm$ 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

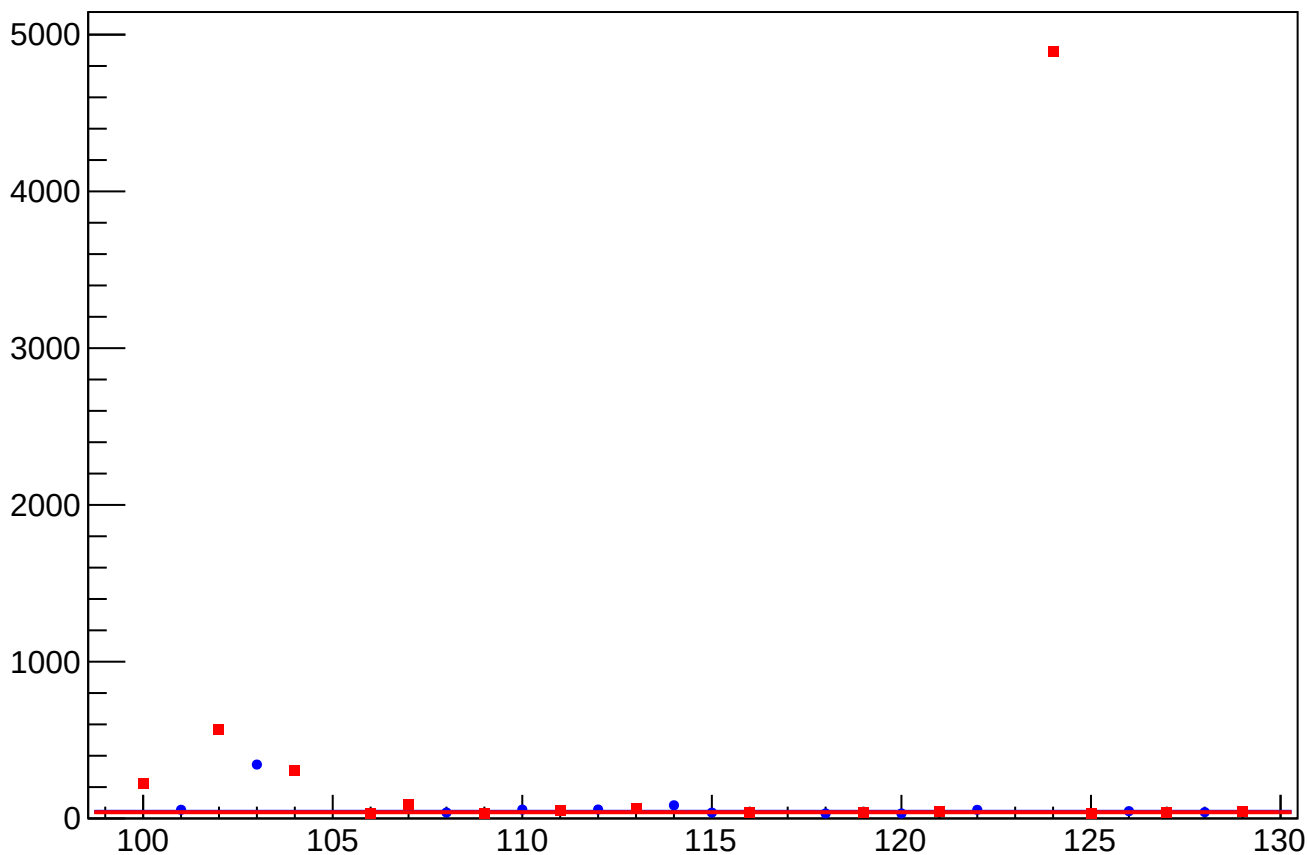
Right: 0.002 $\pm$ 0.015 χ^2 /NDF: 24.4/26

In: -0.014 $\pm$ 0.022 χ^2 /NDF:12.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.015 χ^2 /NDF: 24.4/26

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.367+/-0.015 χ^2/NDF : 1351502.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.747+/-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

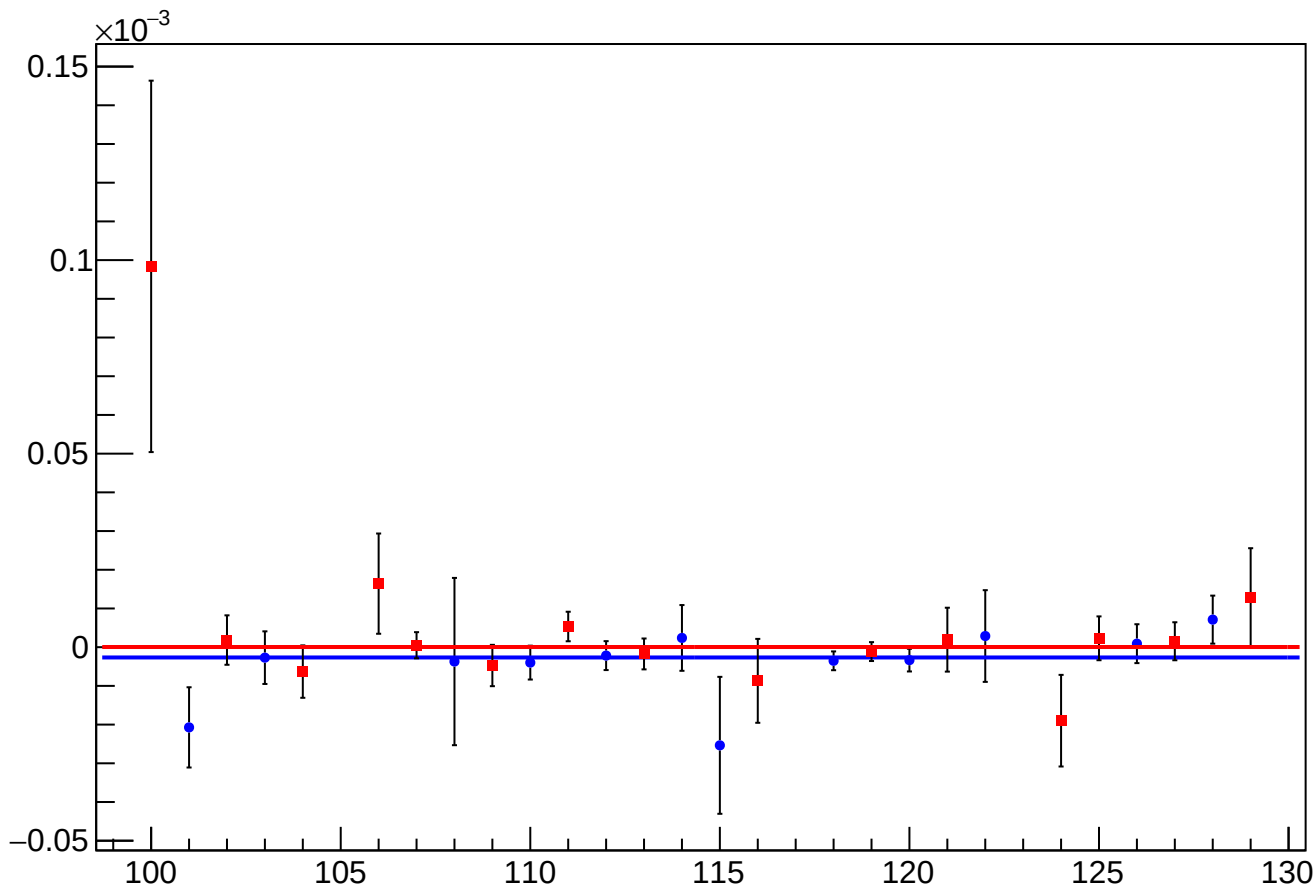
Right: 40.962+/-0.010 χ^2/NDF : 3784835.8/26

In: 42.367+/-0.015 χ^2/NDF : 1351502.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.962+/-0.010 χ^2/NDF : 3784835.8/26

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: 8.5/11

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

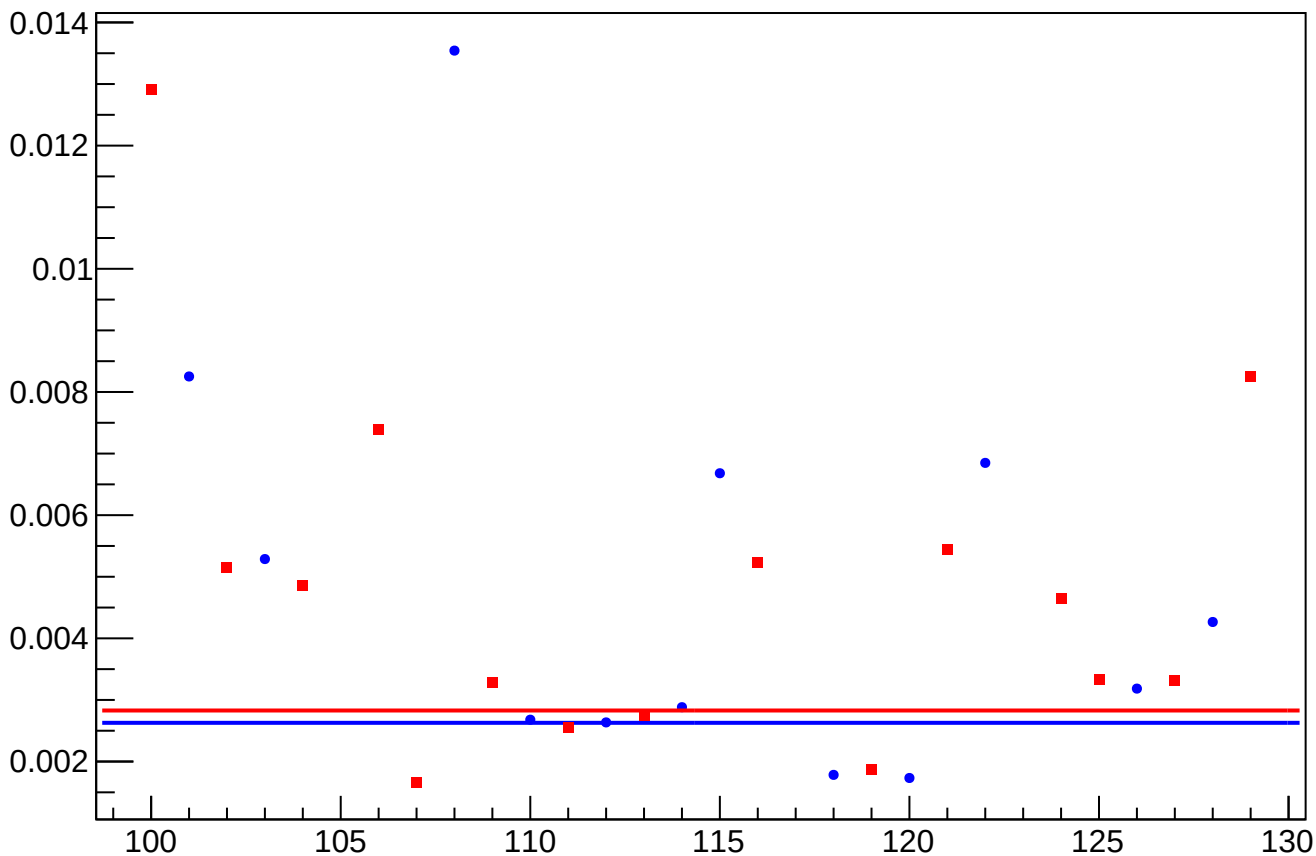
Right: -0.000+/-0.000 χ^2 /NDF: 25.1/26

In: -0.000+/-0.000 χ^2 /NDF:8.5/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 25.1/26

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 : 2358184.8/11

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

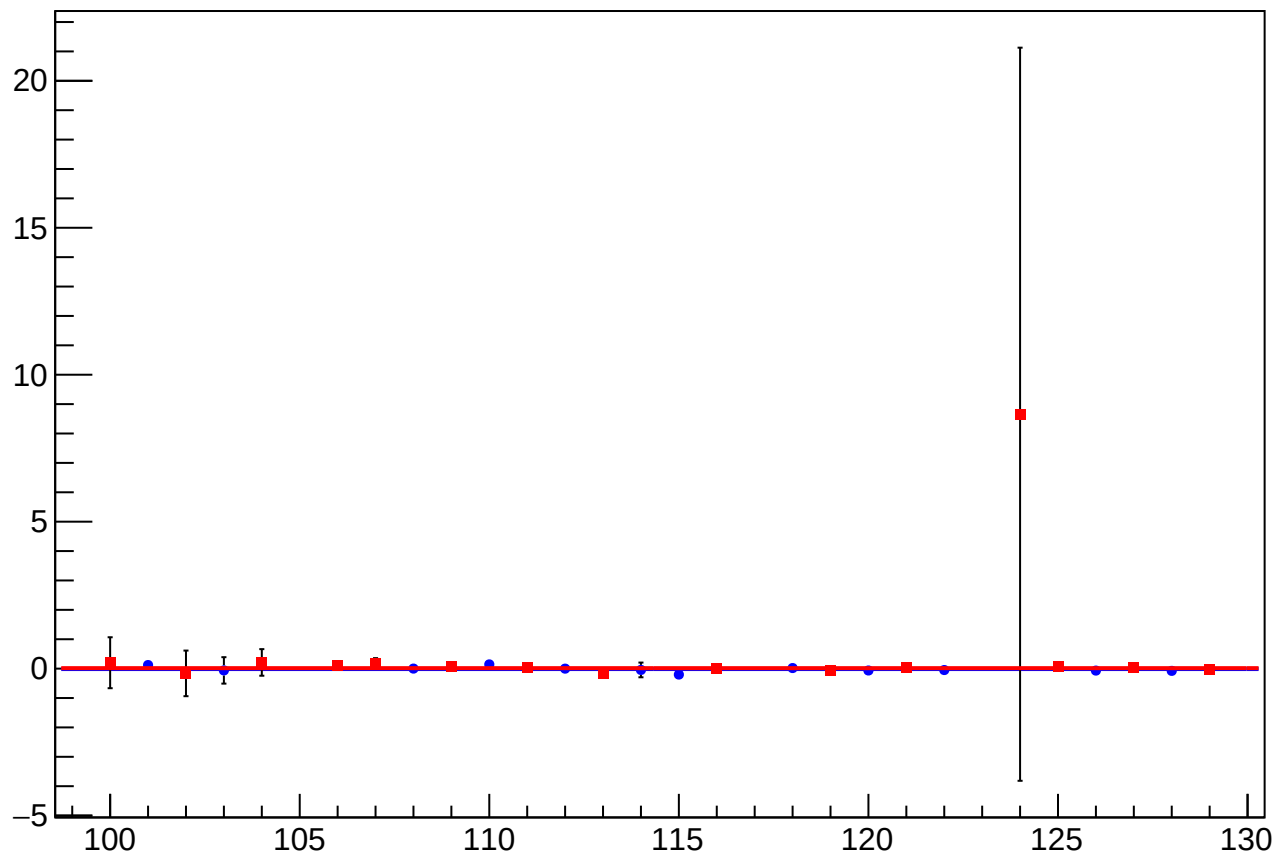
Right: 0.003+/-0.000 χ^2/NDF : 4480990.6/26

In: 0.003+/-0.000 χ^2/NDF :2358184.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 4480990.6/26

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014 $\pm$ 0.022 χ^2 /NDF: 12.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.016 $\pm$ 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

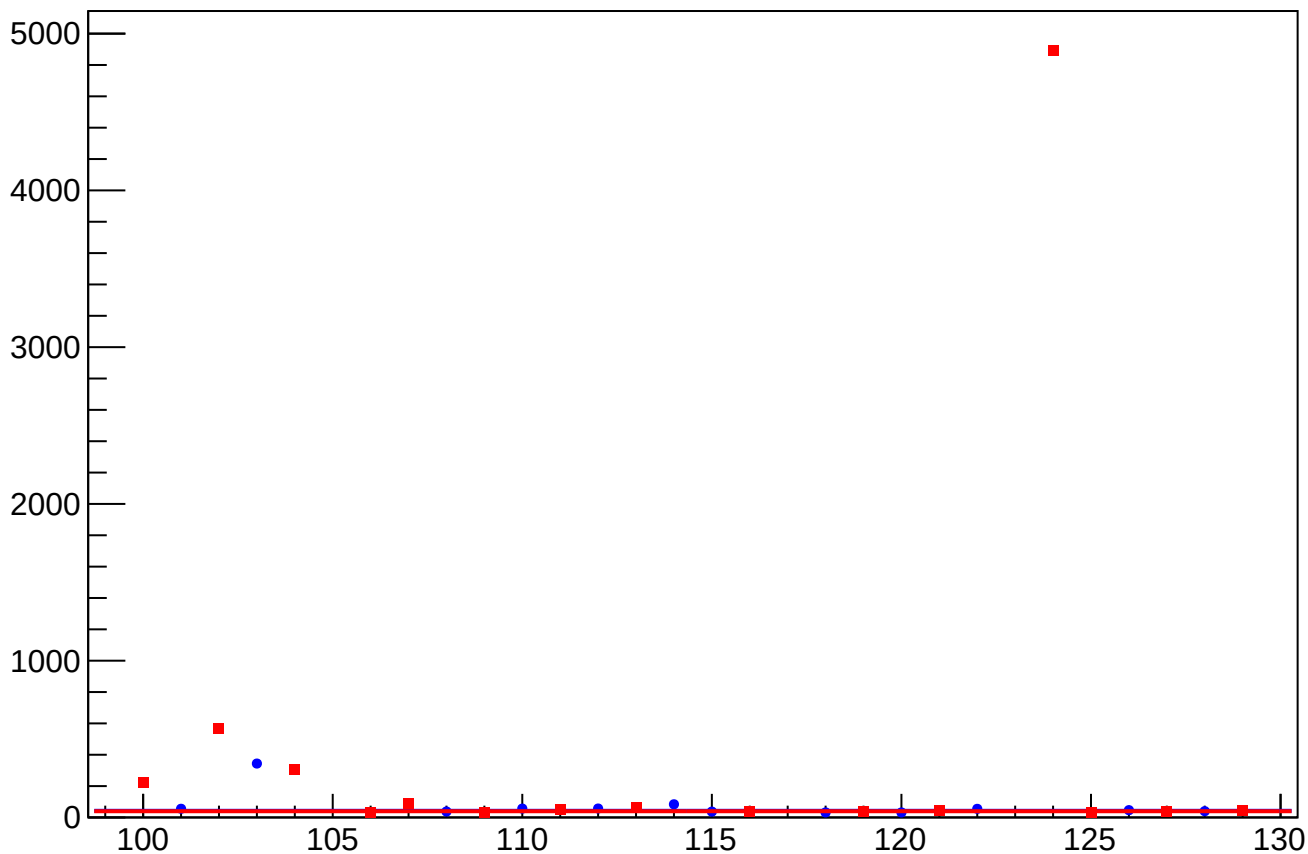
Right: 0.002 $\pm$ 0.015 χ^2 /NDF: 24.4/26

In: -0.014 $\pm$ 0.022 χ^2 /NDF:12.3/11

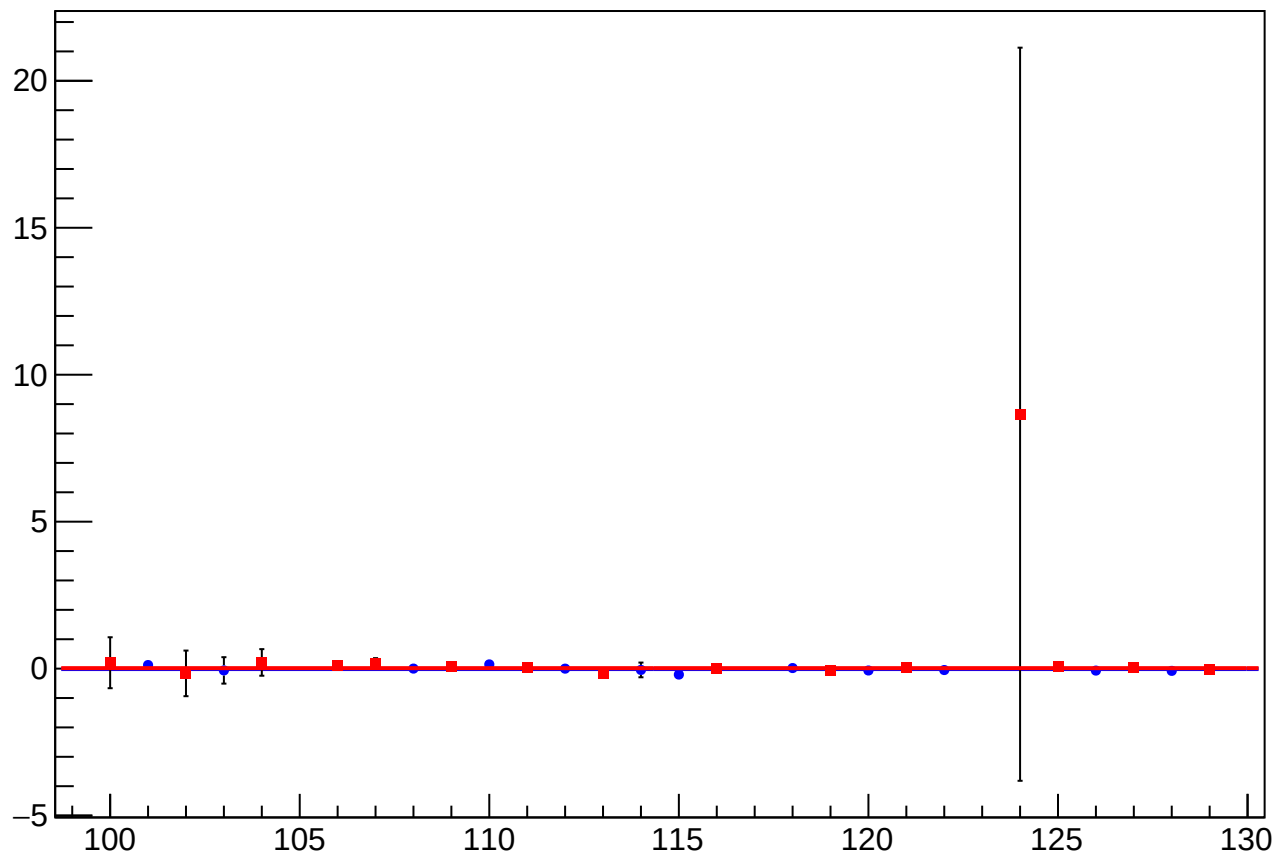
Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.015 χ^2 /NDF: 24.4/26

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014 ± 0.022 χ^2/NDF : 12.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.016 ± 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

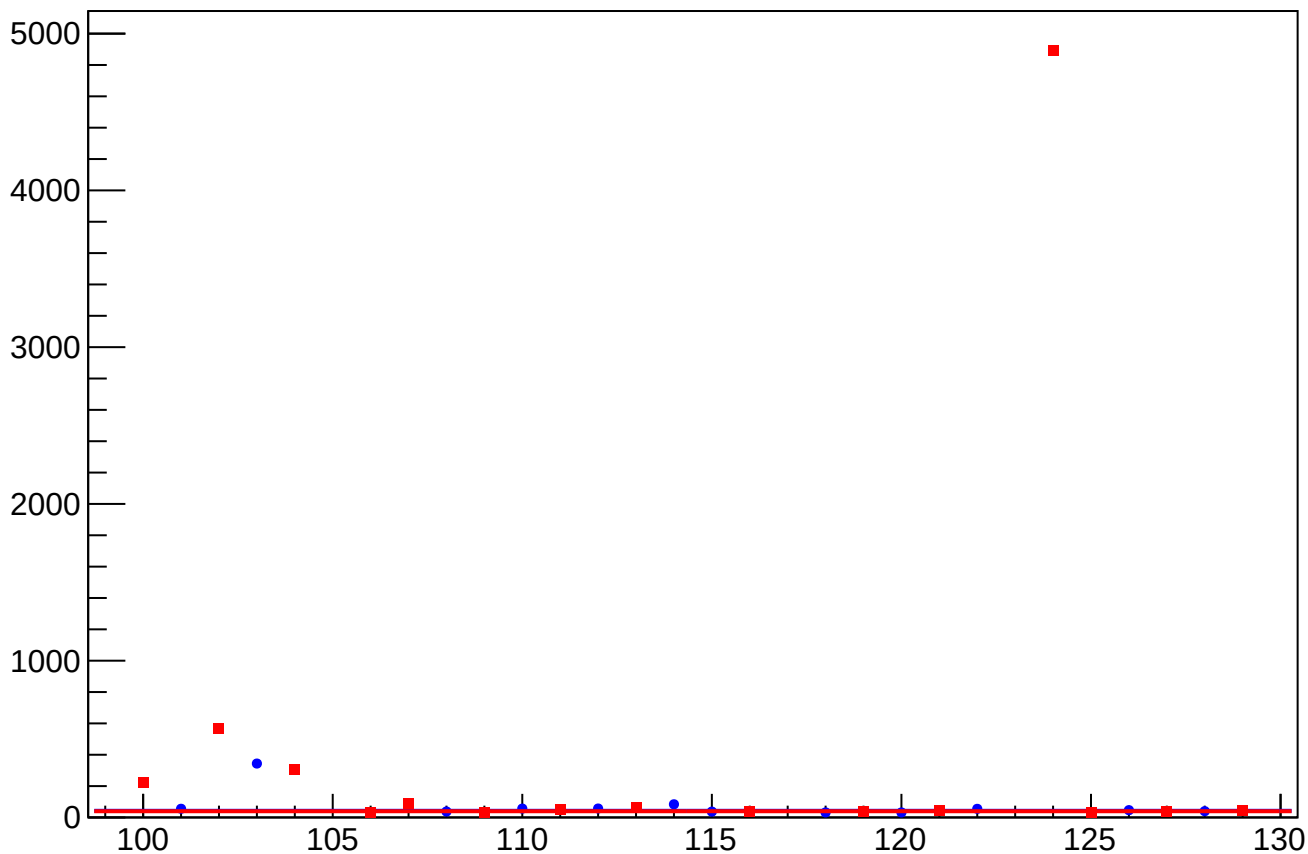
Right: 0.002 ± 0.015 χ^2/NDF : 24.4/26

In: -0.014 ± 0.022 χ^2/NDF : 12.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.002 ± 0.015 χ^2/NDF : 24.4/26

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.367+/-0.015 χ^2/NDF : 1351510.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.746+/-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

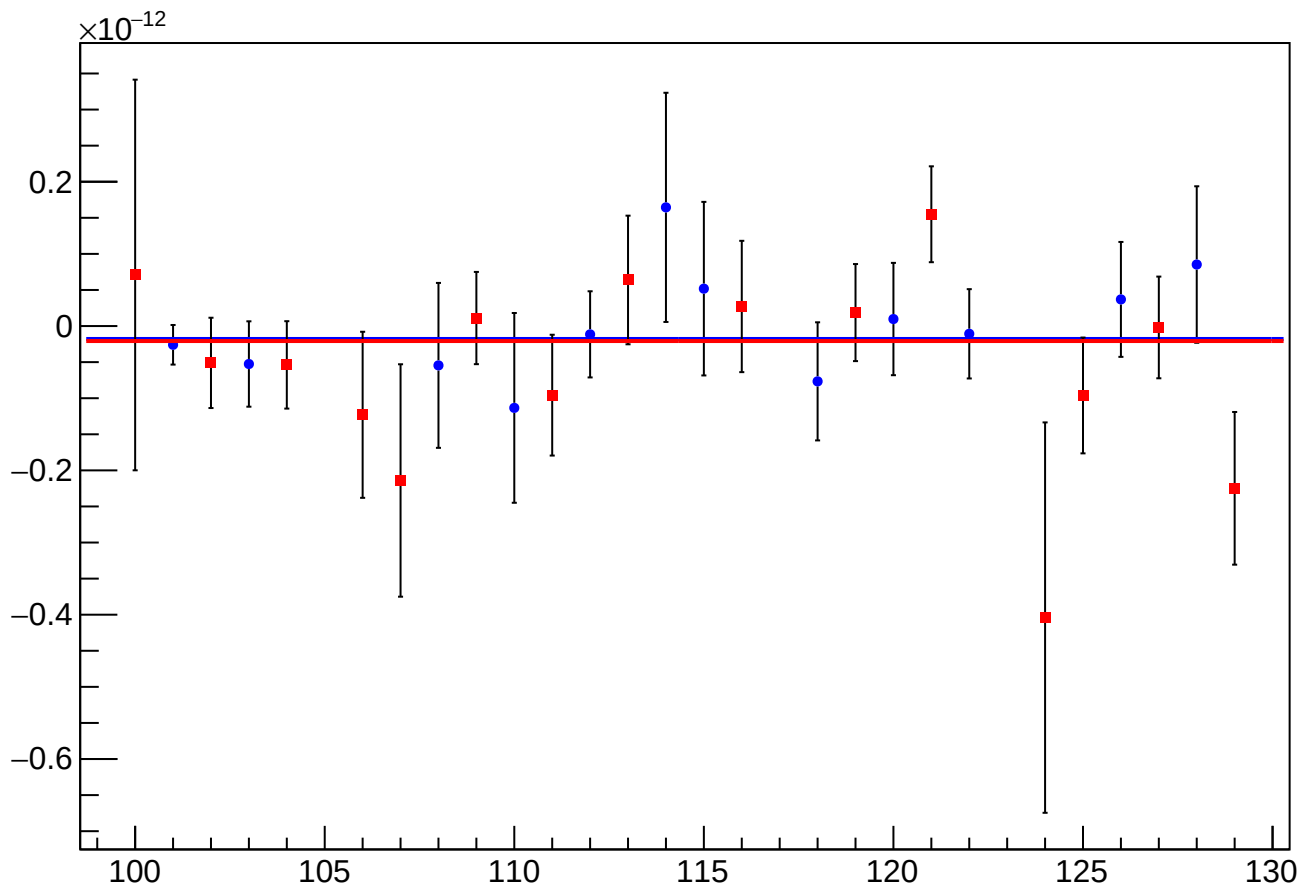
Right: 40.962+/-0.010 χ^2/NDF : 3784893.6/26

In: 42.367+/-0.015 χ^2/NDF : 1351510.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.962+/-0.010 χ^2/NDF : 3784893.6/26

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: 4.8/11

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

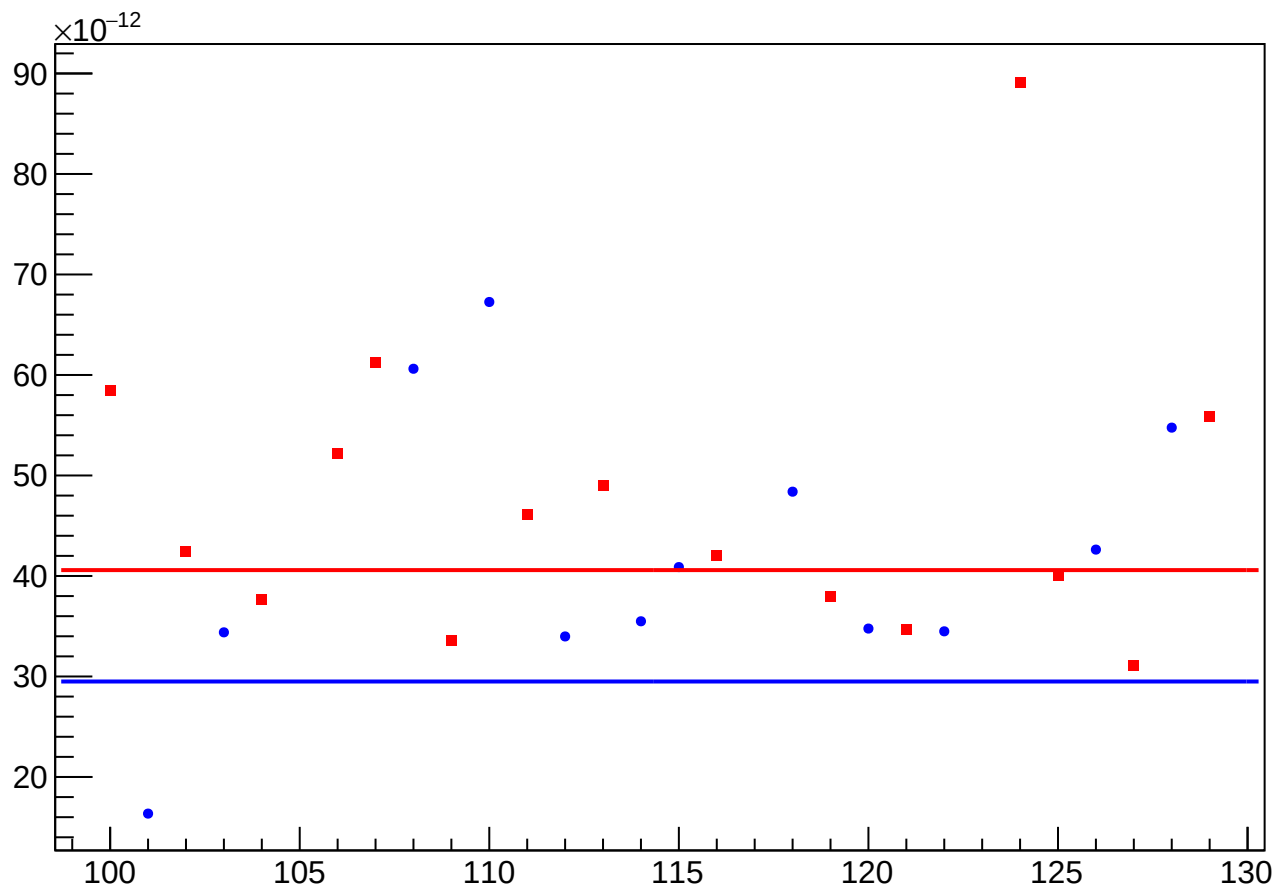
Right: -0.000+/-0.000 χ^2 /NDF: 23.9/26

In: -0.000+/-0.000 χ^2 /NDF:4.8/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 23.9/26

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 : 1109532.5/11

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

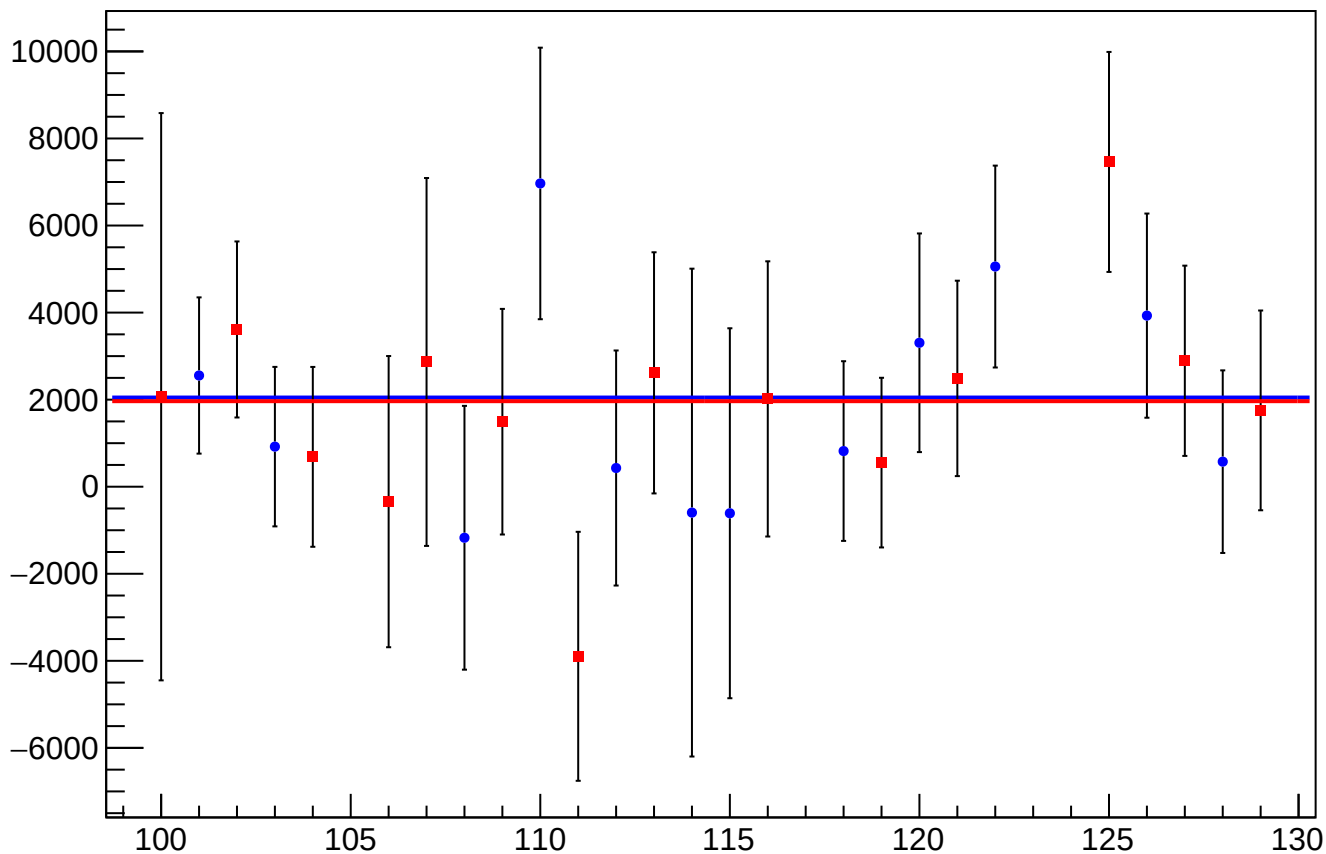
Right: 0.000+/-0.000 χ^2/NDF : 1700157.1/26

In: 0.000+/-0.000 χ^2/NDF : 1109532.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1700157.1/26

reg_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2048.421+/-701.352 χ^2/NDF : 8.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

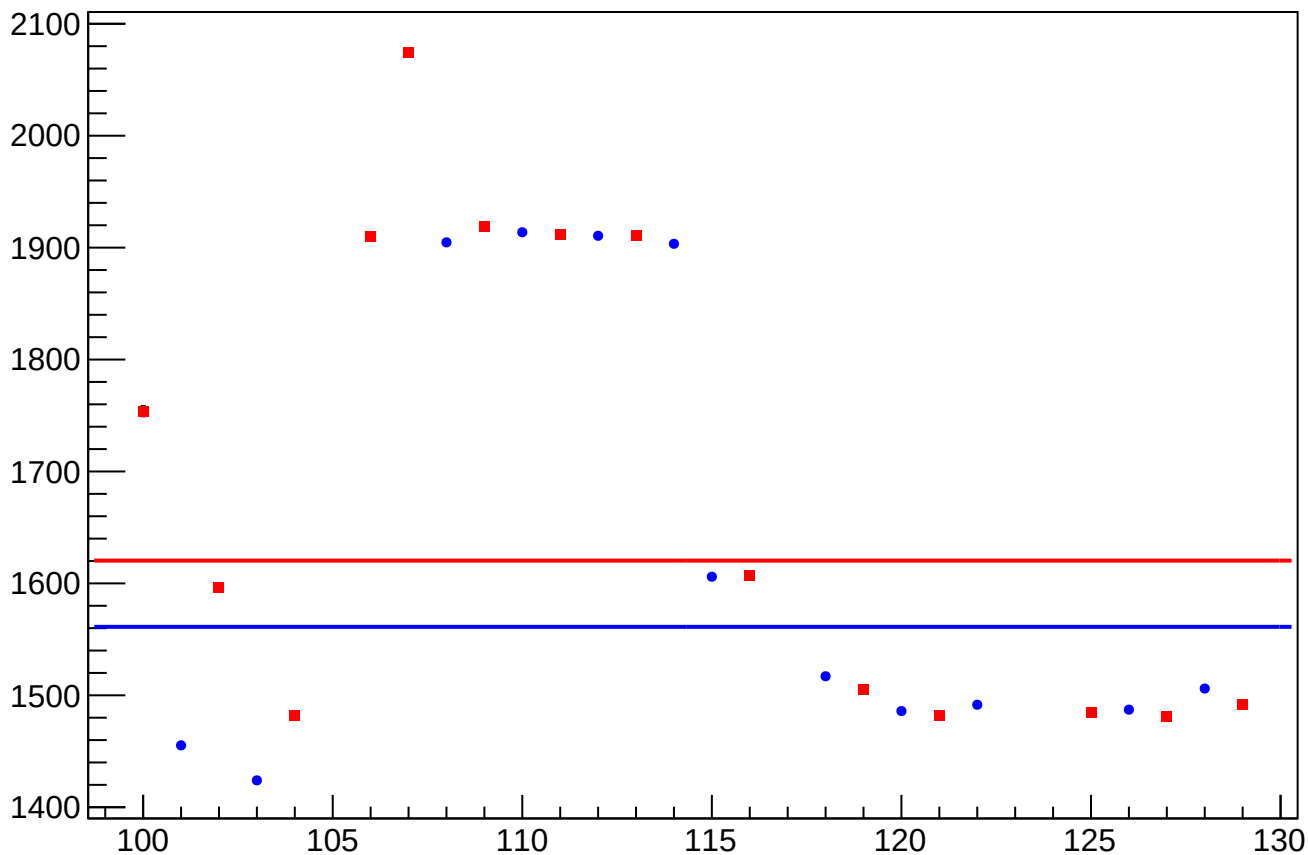
Right: 2005.352+/-487.950 χ^2/NDF : 19.8/25

In: 2048.421+/-701.352 χ^2/NDF : 8.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2005.352+/-487.950 χ^2/NDF : 19.8/25

reg_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1561.179+/-0.496 χ^2/NDF : 118496.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

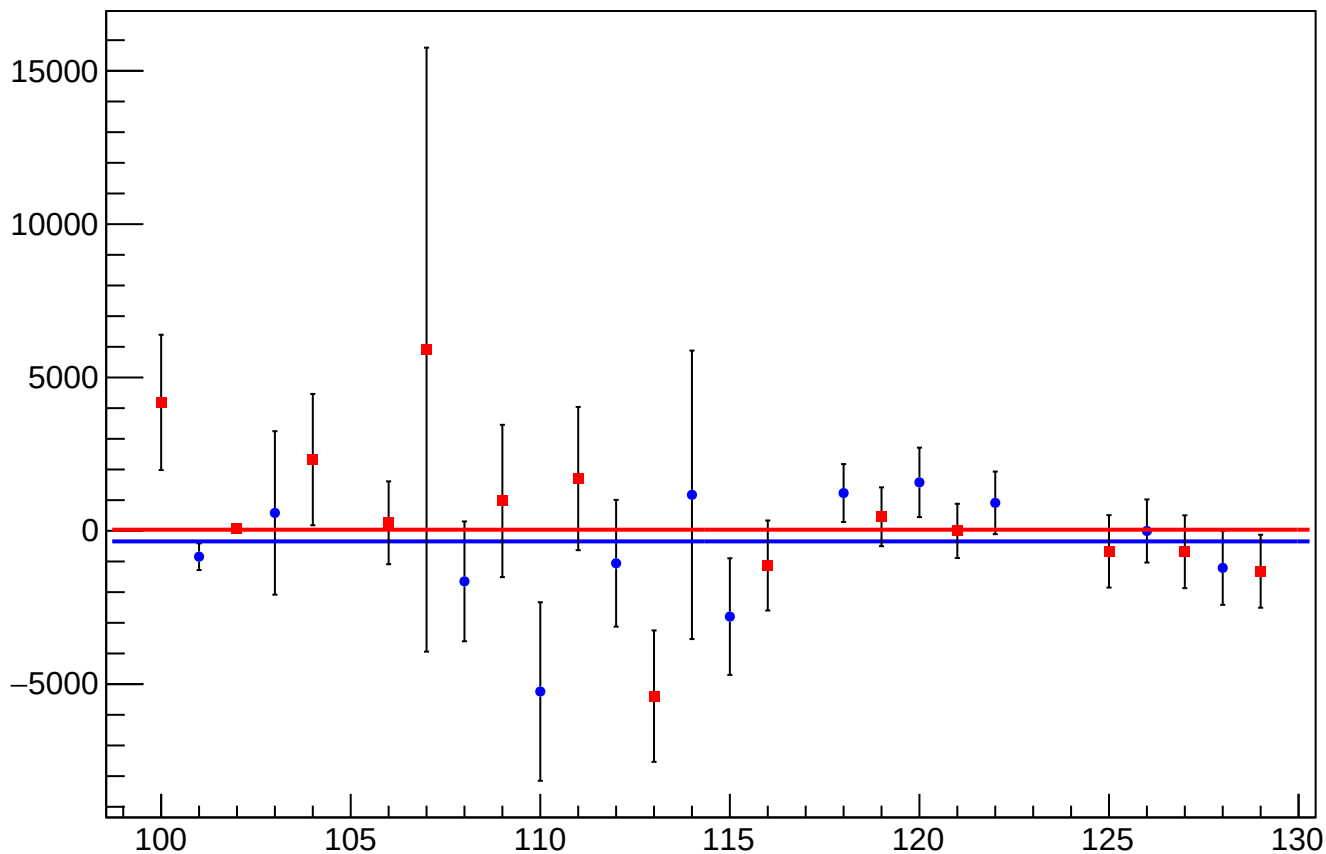
Right: 1591.727+/-0.345 χ^2/NDF : 278234.1/25

In: 1561.179+/-0.496 χ^2/NDF : 118496.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1591.727+/-0.345 χ^2/NDF : 278234.1/25

asym_usl_atl1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -344.560+/-303.667 χ^2/NDF : 14.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

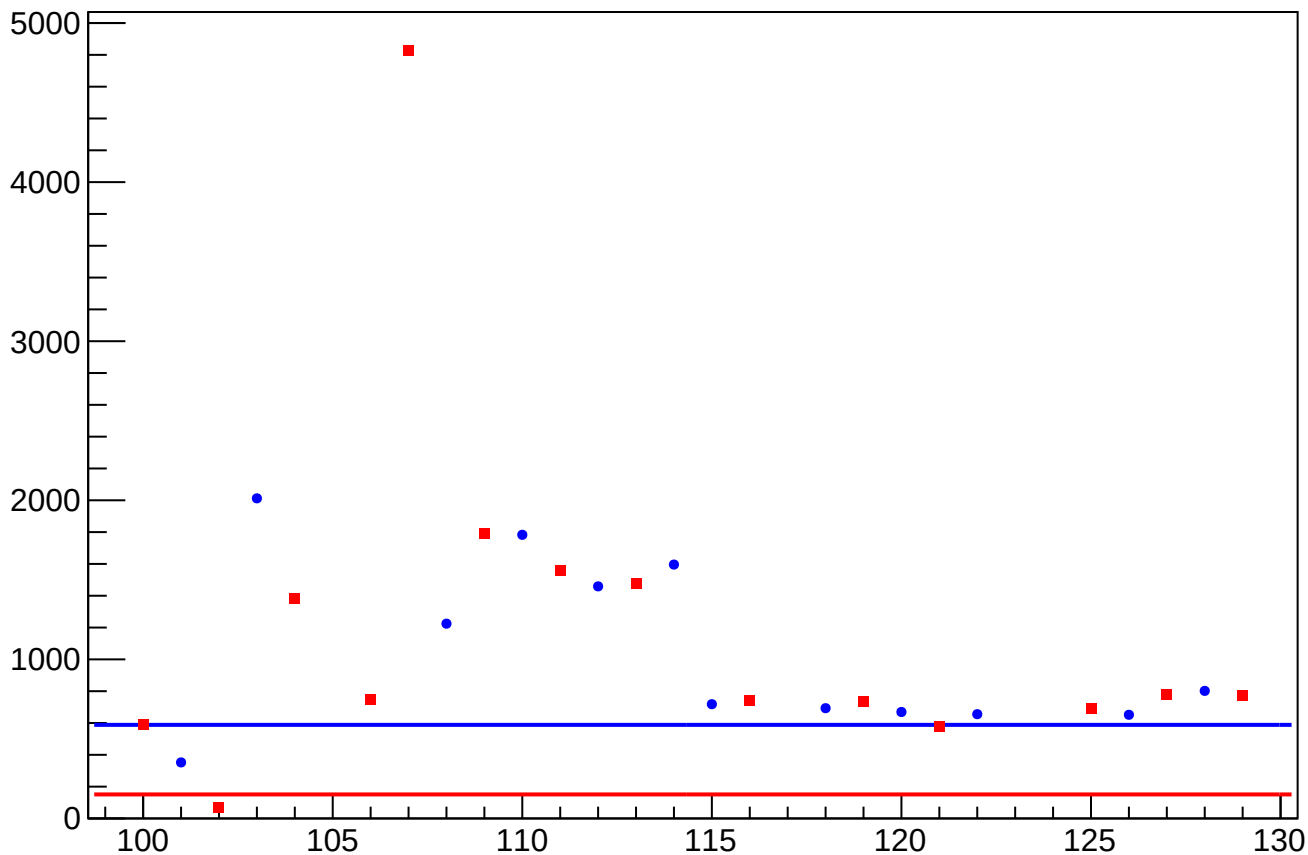
Right: -22.462+/-119.468 χ^2/NDF : 30.7/25

In: -344.560+/-303.667 χ^2/NDF : 14.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.462+/-119.468 χ^2/NDF : 30.7/25

asym_usl_atl1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 588.289+/-0.215 χ^2/NDF : 2277376.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

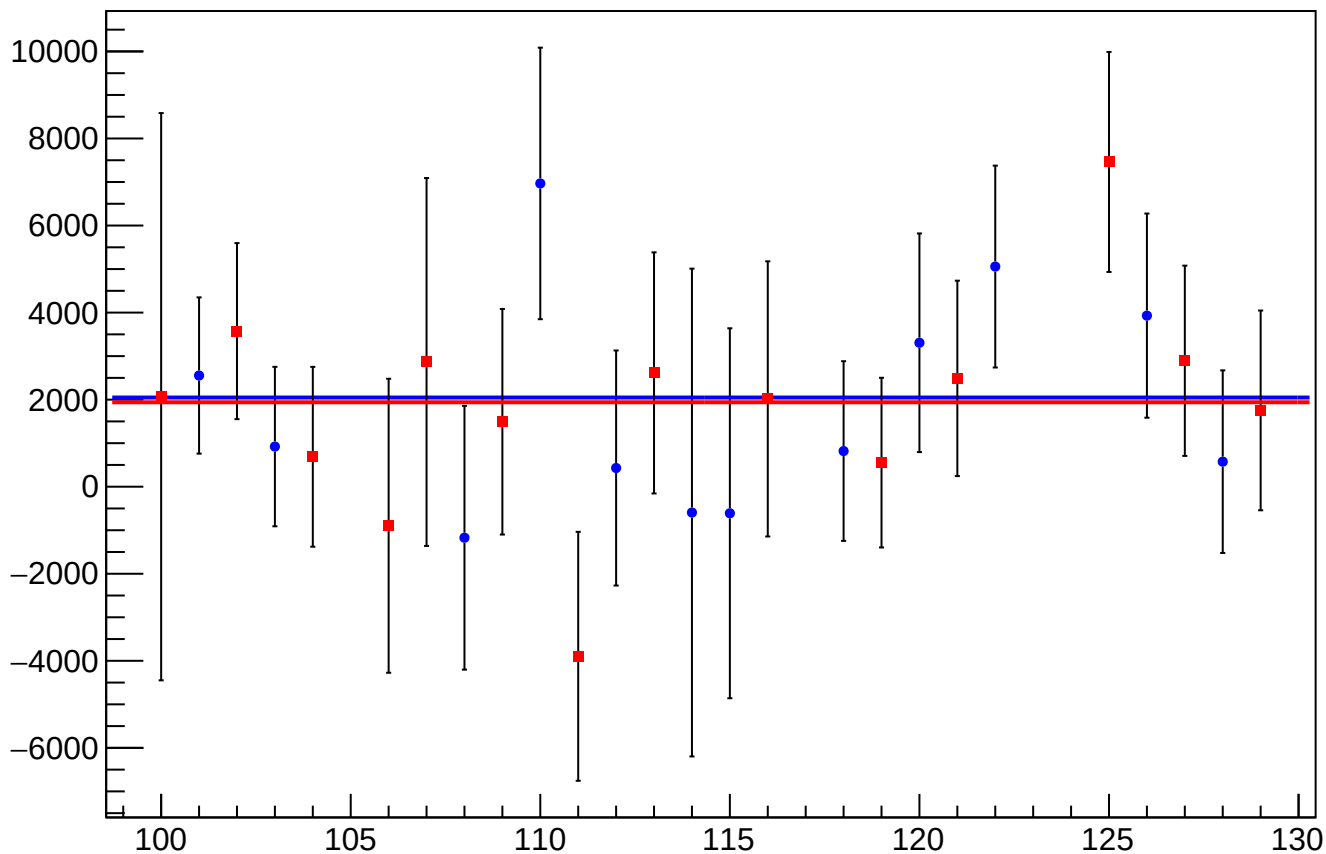
Right: 218.710+/-0.084 χ^2/NDF : 13480714.4/25

In: 588.289+/-0.215 χ^2/NDF : 2277376.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 218.710+/-0.084 χ^2/NDF : 13480714.4/25

cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2048.640+/-701.352 χ^2/NDF : 8.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

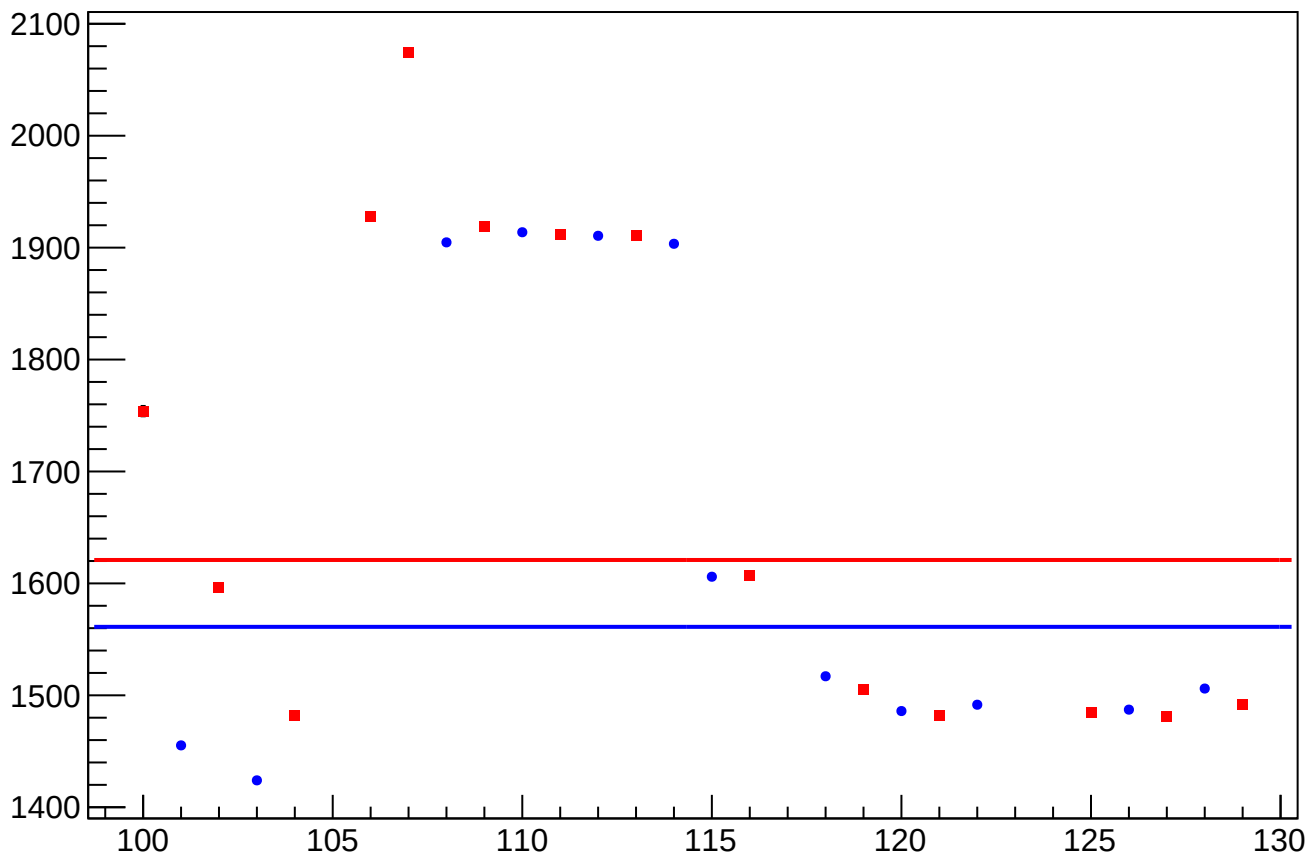
Right: 1992.576+/-488.053 χ^2/NDF : 20.1/25

In: 2048.640+/-701.352 χ^2/NDF : 8.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1992.576+/-488.053 χ^2/NDF : 20.1/25

cor_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1561.179+/-0.496 χ^2/NDF : 118496.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

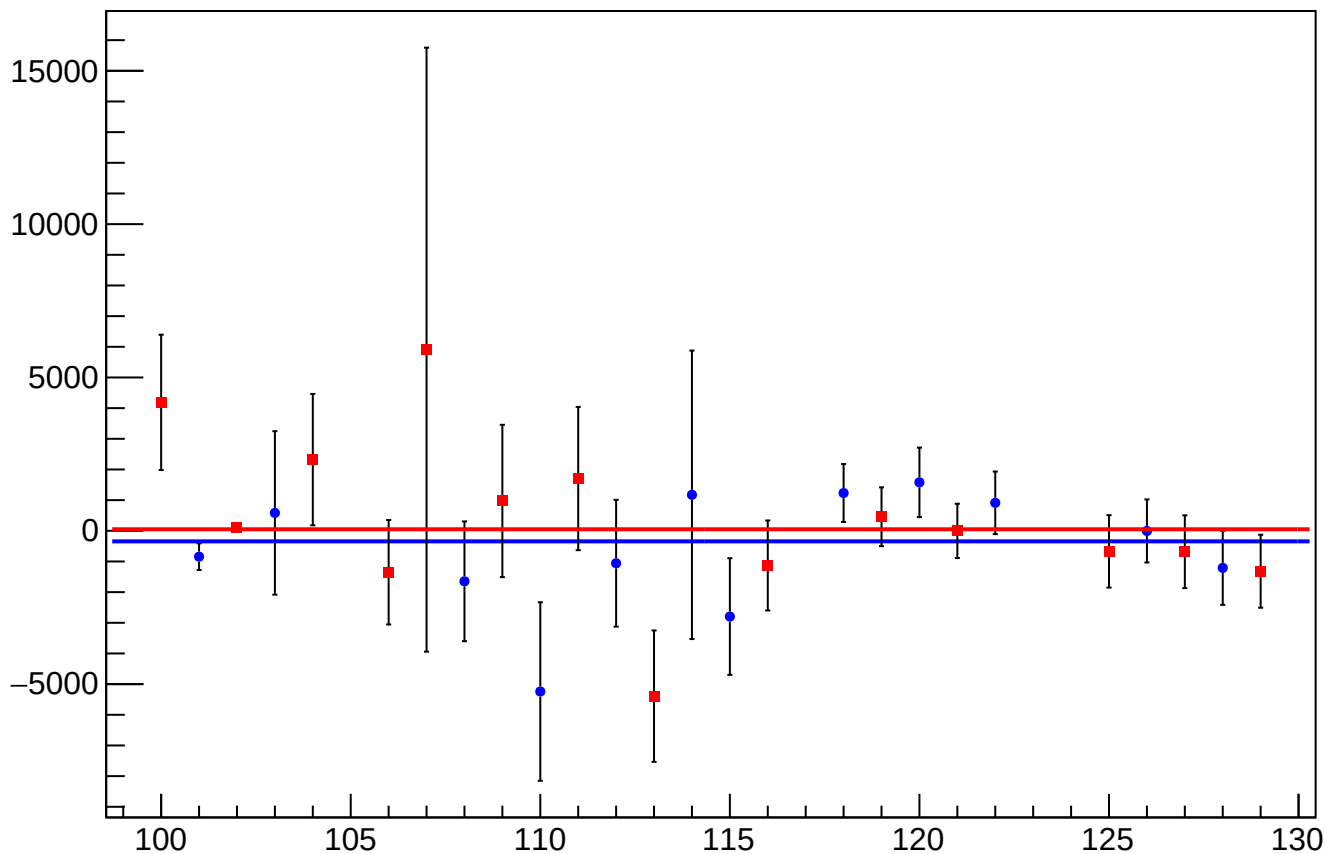
Right: 1591.992+/-0.345 χ^2/NDF : 279993.9/25

In: 1561.179+/-0.496 χ^2/NDF : 118496.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1591.992+/-0.345 χ^2/NDF : 279993.9/25

asym_usl_atl1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -344.492+/-303.667 χ^2/NDF : 14.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

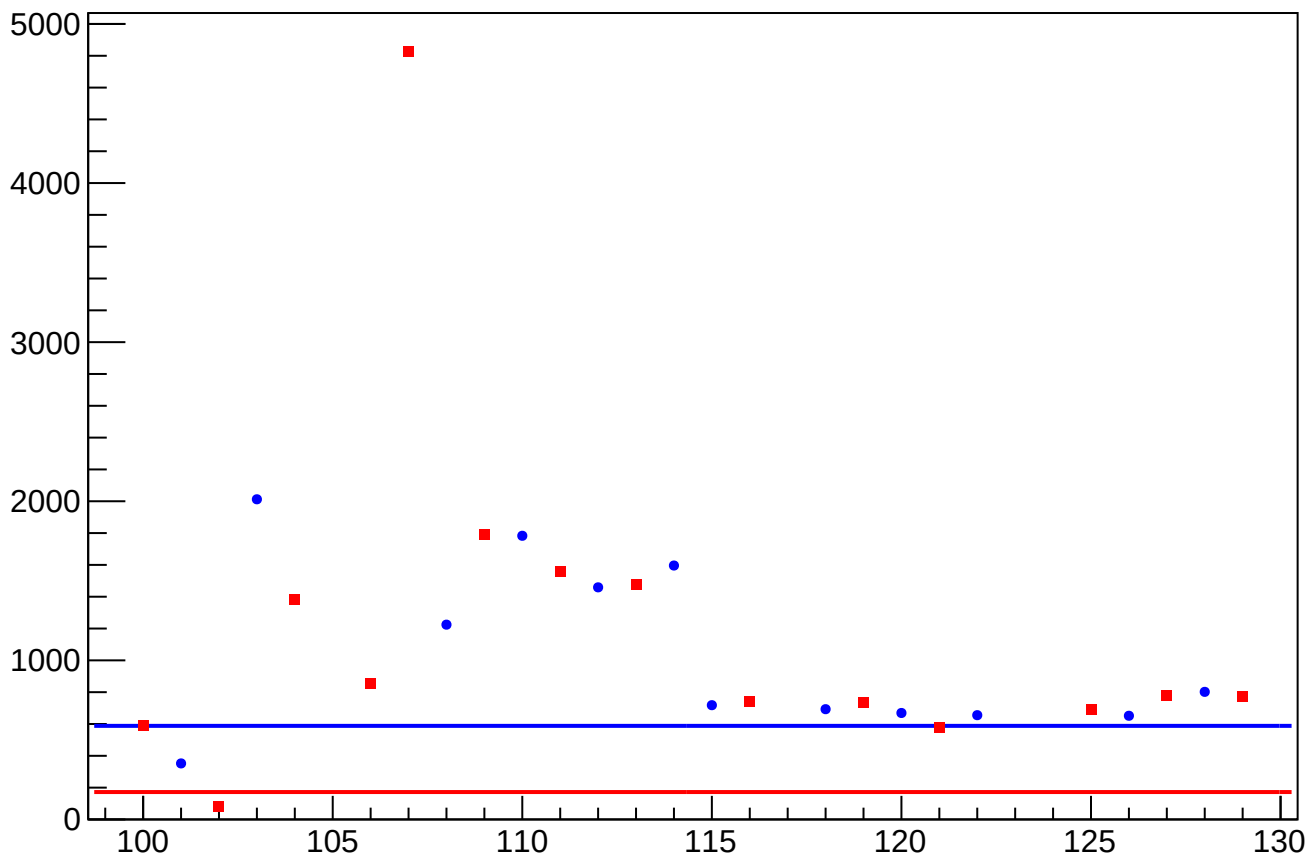
Right: -20.094+/-127.881 χ^2/NDF : 31.6/25

In: -344.492+/-303.667 χ^2/NDF : 14.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.094+/-127.881 χ^2/NDF : 31.6/25

asym_usl_atl1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 588.287+/-0.215 χ^2/NDF : 2277402.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

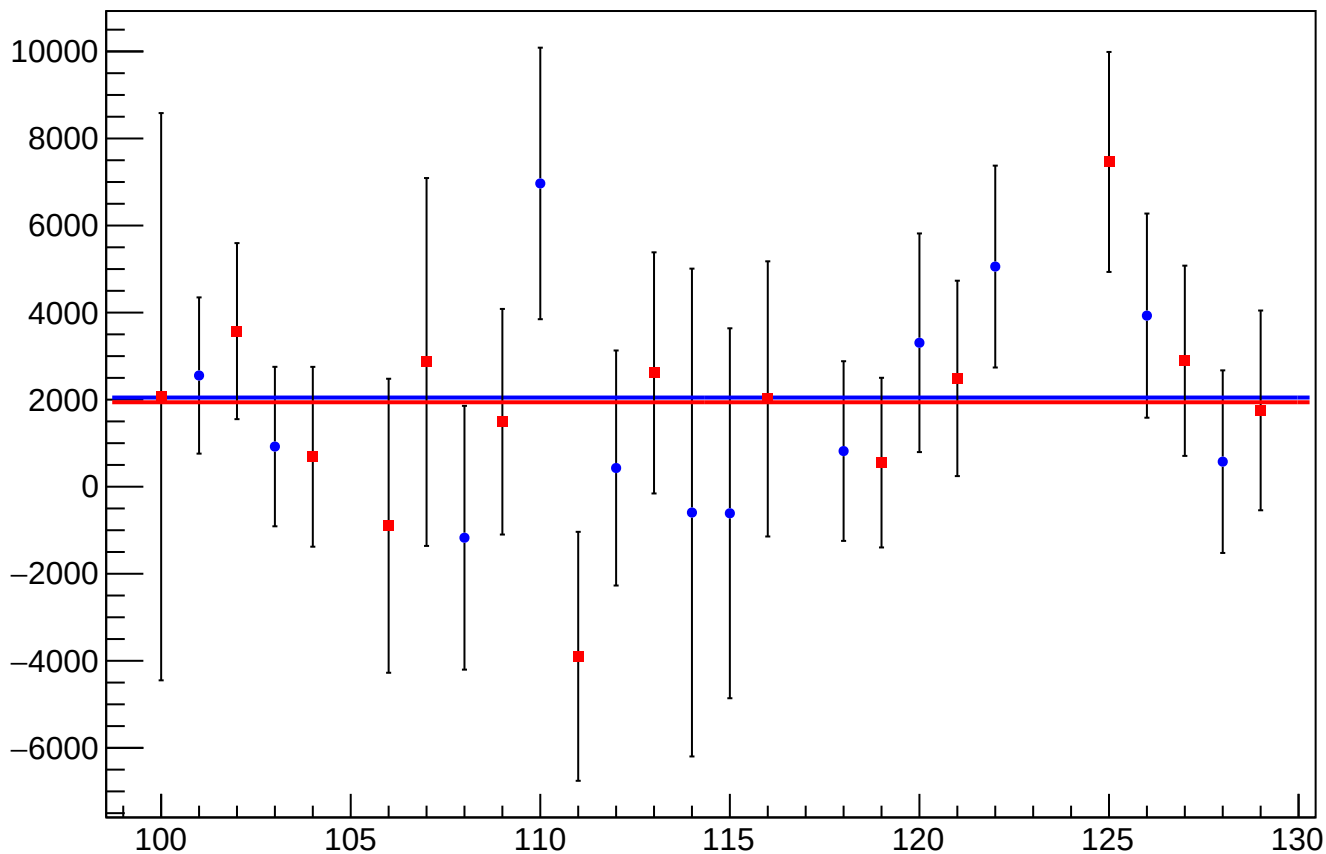
Right: 246.048+/-0.090 χ^2/NDF : 12716776.6/25

In: 588.287+/-0.215 χ^2/NDF : 2277402.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 246.048+/-0.090 χ^2/NDF : 12716776.6/25

eigen_cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2048.640+/-701.352 χ^2/NDF : 8.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

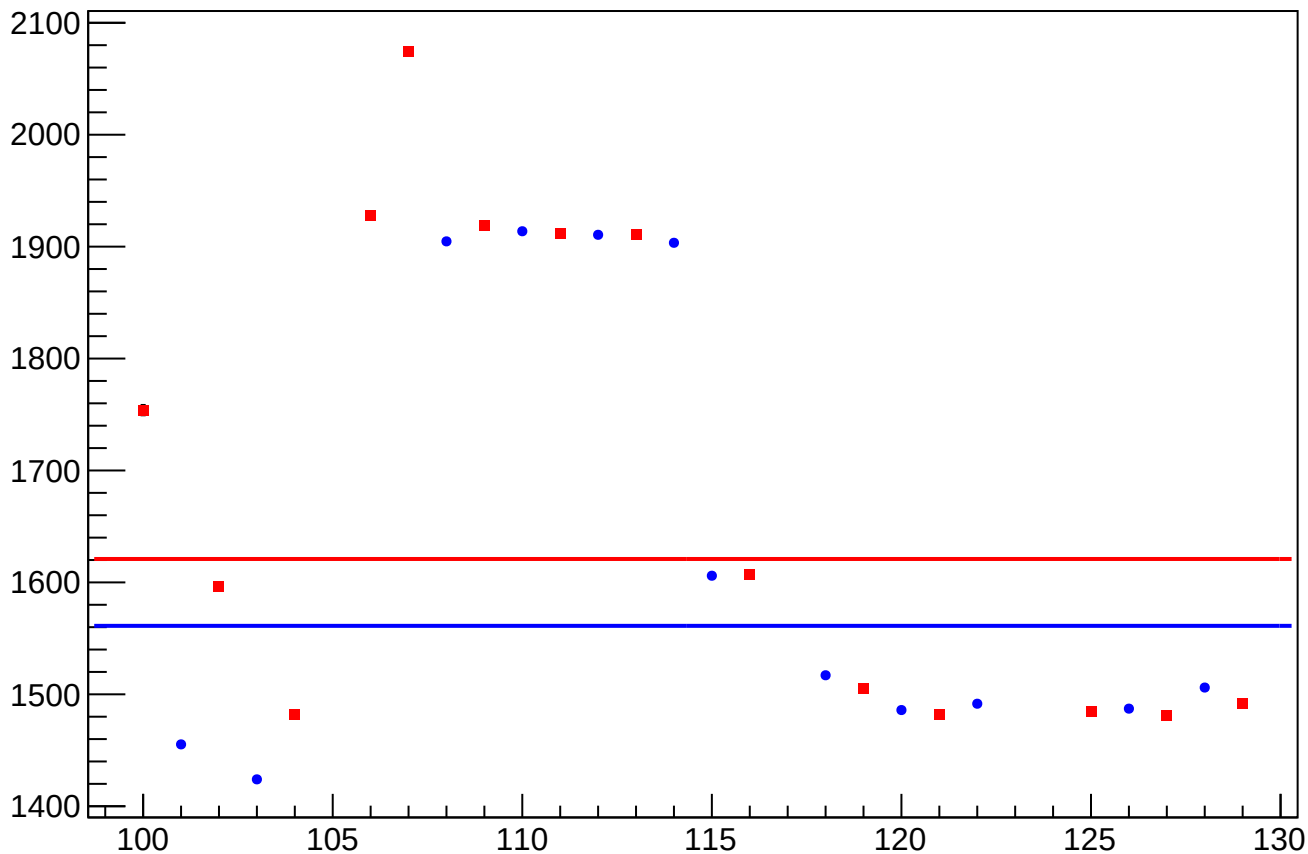
Right: 1992.576+/-488.053 χ^2/NDF : 20.1/25

In: 2048.640+/-701.352 χ^2/NDF : 8.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1992.576+/-488.053 χ^2/NDF : 20.1/25

eigen_cor_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1561.179+/-0.496 χ^2/NDF : 118496.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

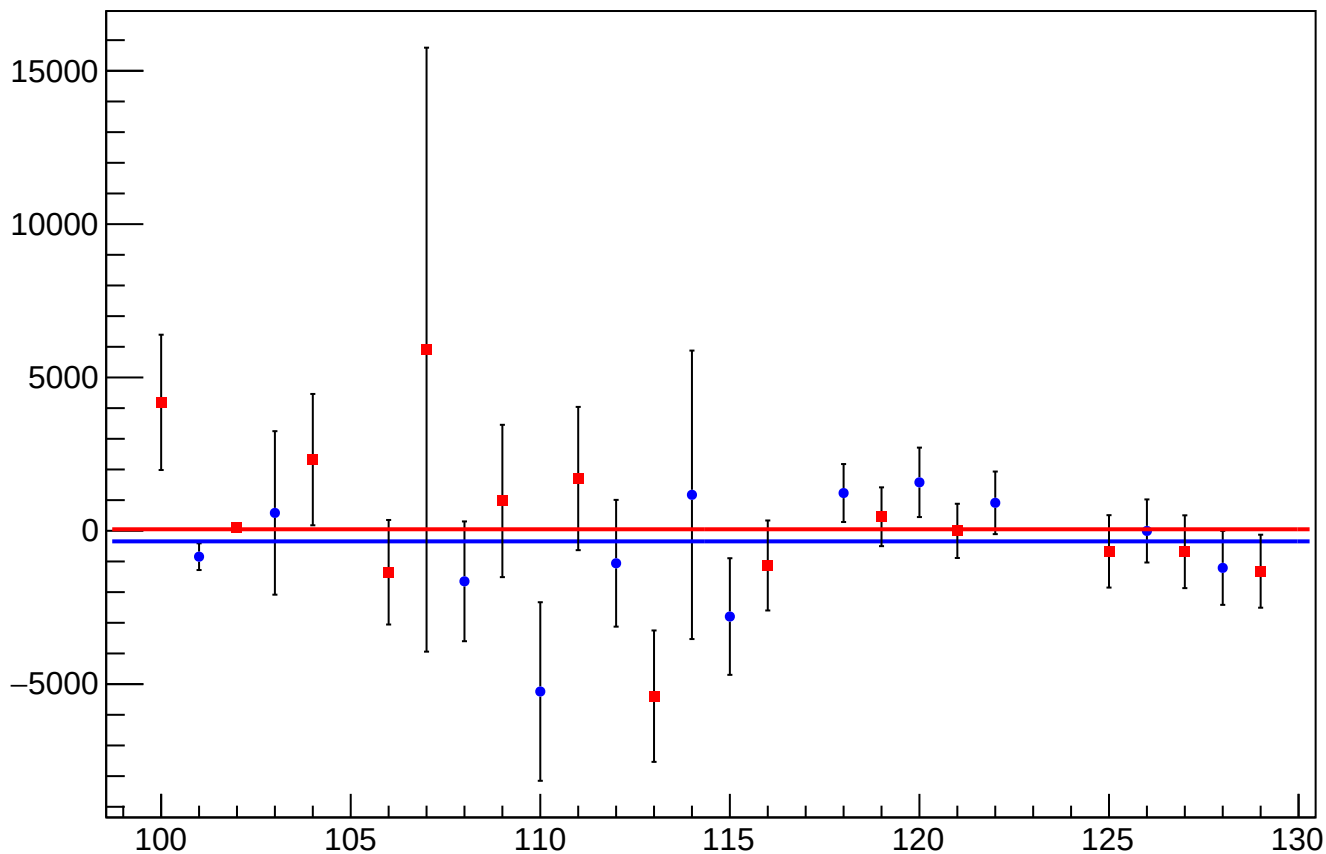
Right: 1591.992+/-0.345 χ^2/NDF : 279993.9/25

In: 1561.179+/-0.496 χ^2/NDF : 118496.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1591.992+/-0.345 χ^2/NDF : 279993.9/25

asym_usl_atl1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -344.492+/-303.667 χ^2/NDF : 14.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

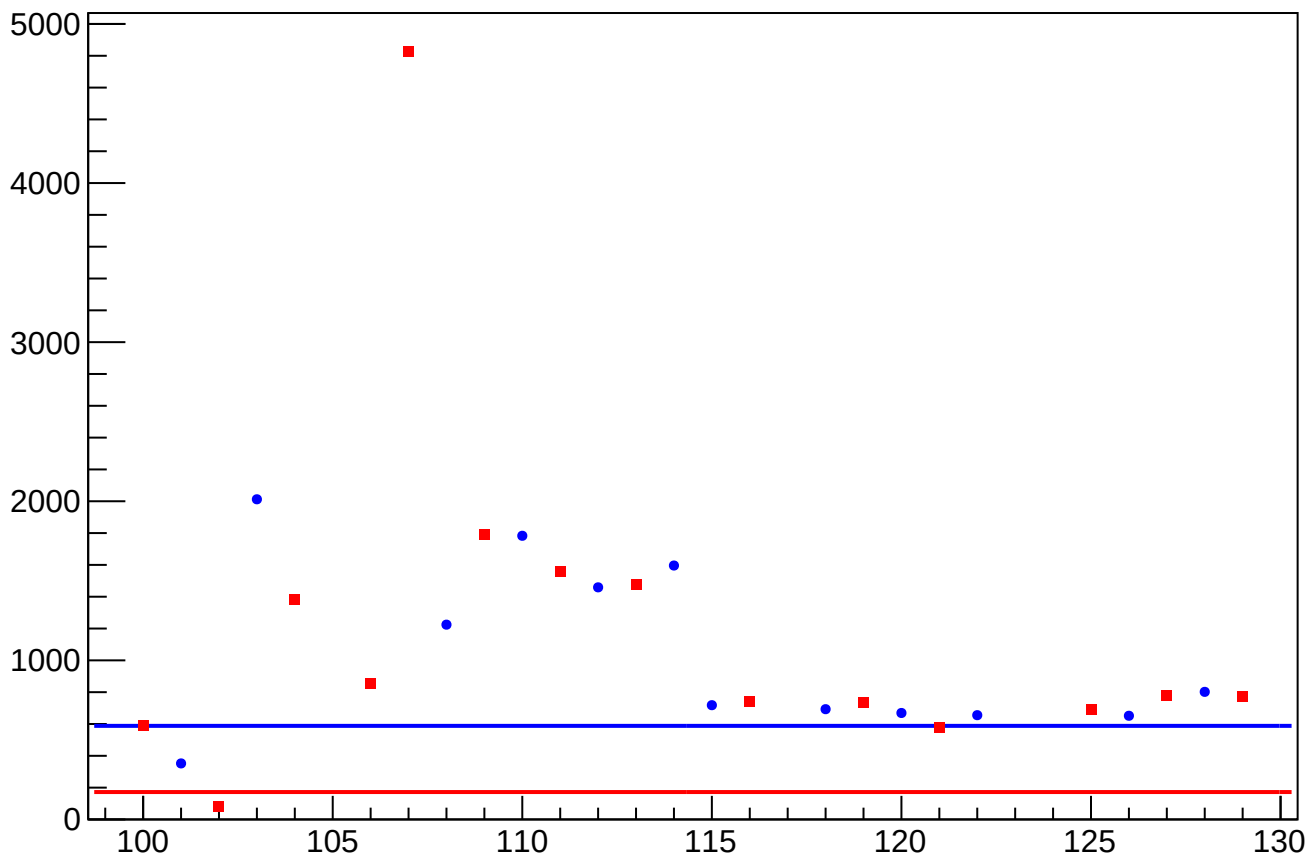
Right: -20.094+/-127.881 χ^2/NDF : 31.6/25

In: -344.492+/-303.667 χ^2/NDF : 14.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.094+/-127.881 χ^2/NDF : 31.6/25

asym_usl_atl1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 588.287+/-0.215 χ^2/NDF : 2277402.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

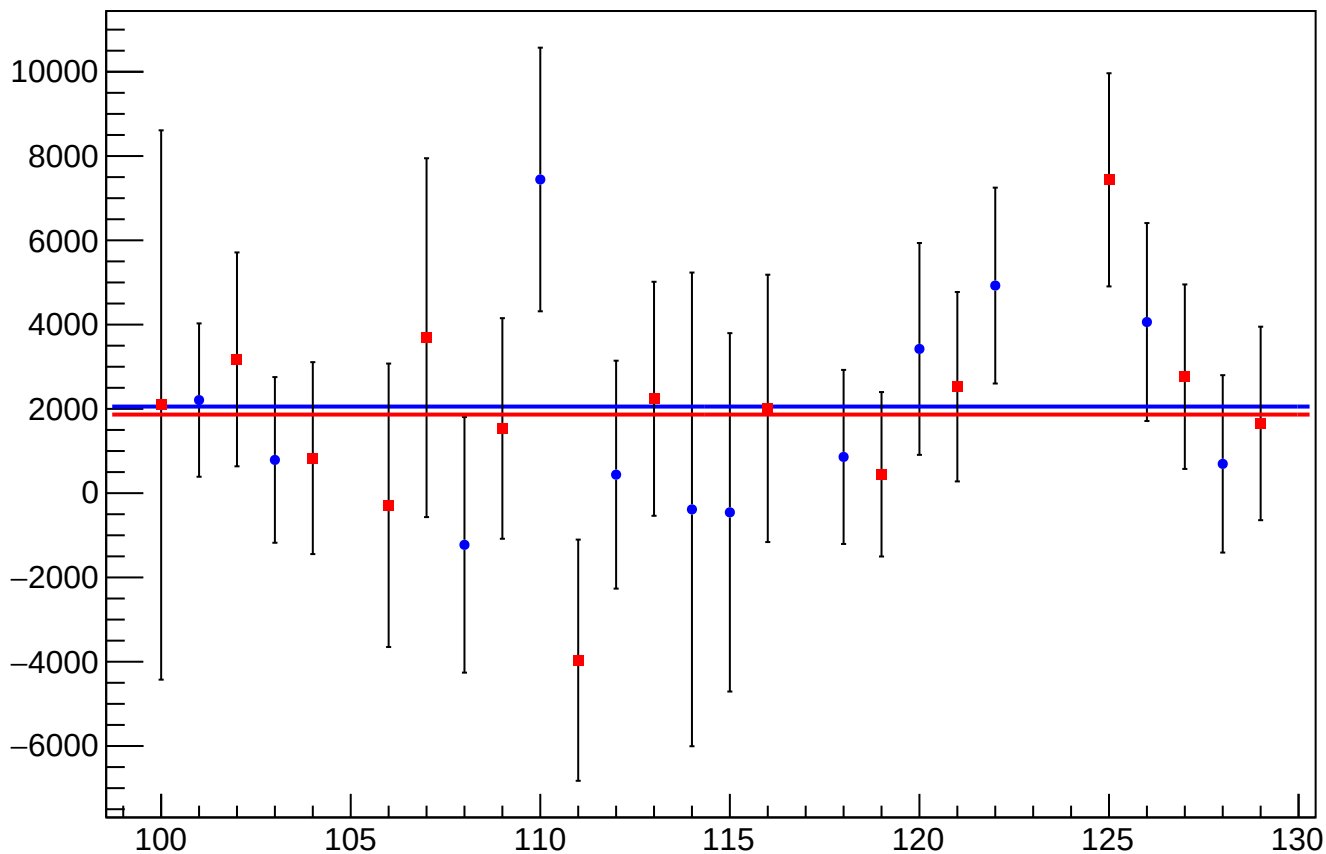
Right: 246.048+/-0.090 χ^2/NDF : 12716776.6/25

In: 588.287+/-0.215 χ^2/NDF : 2277402.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 246.048+/-0.090 χ^2/NDF : 12716776.6/25

dit_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2055.066+/-710.634 χ^2/NDF : 8.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

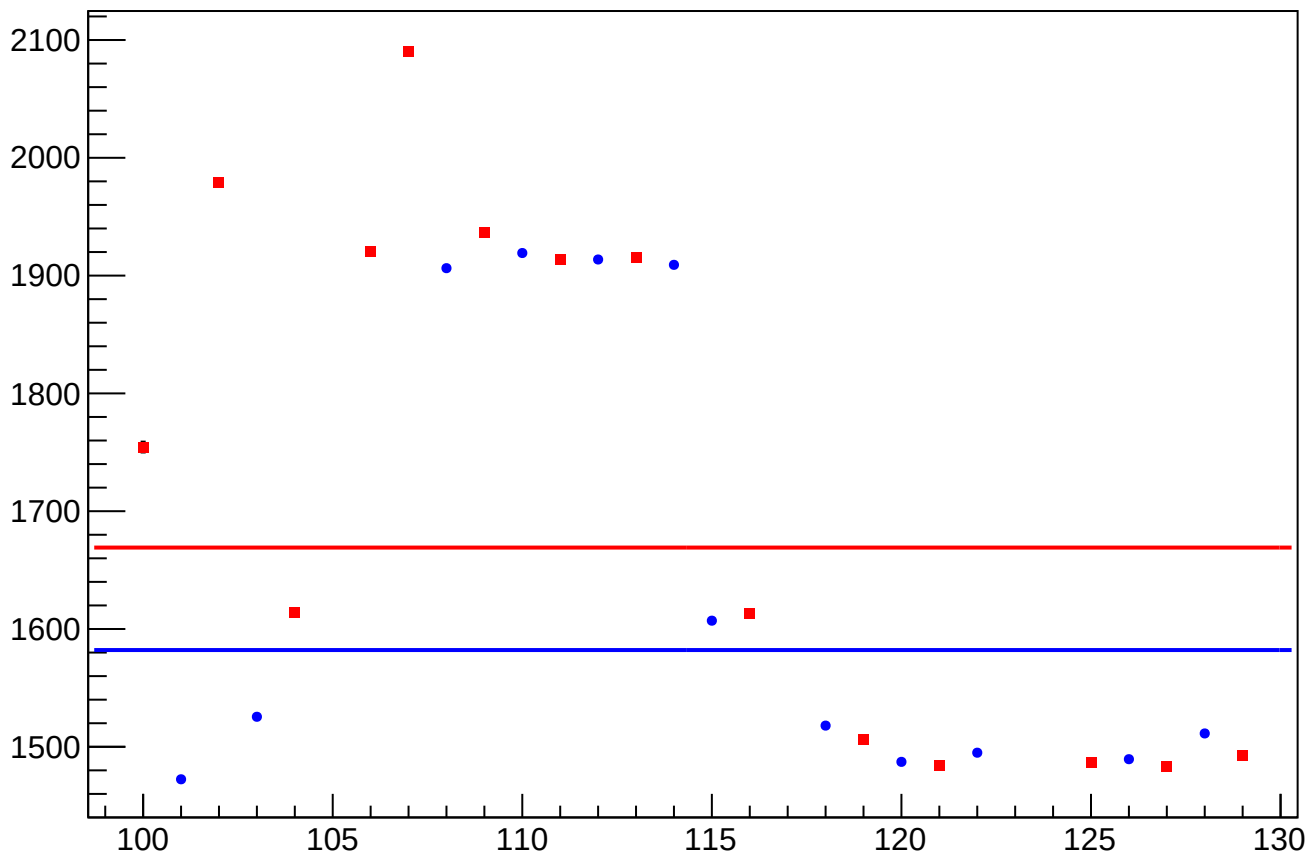
Right: 1958.947+/-499.511 χ^2/NDF : 19.7/25

In: 2055.066+/-710.634 χ^2/NDF : 8.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1958.947+/-499.511 χ^2/NDF : 19.7/25

dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1582.131+/-0.502 χ^2/NDF : 104870.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

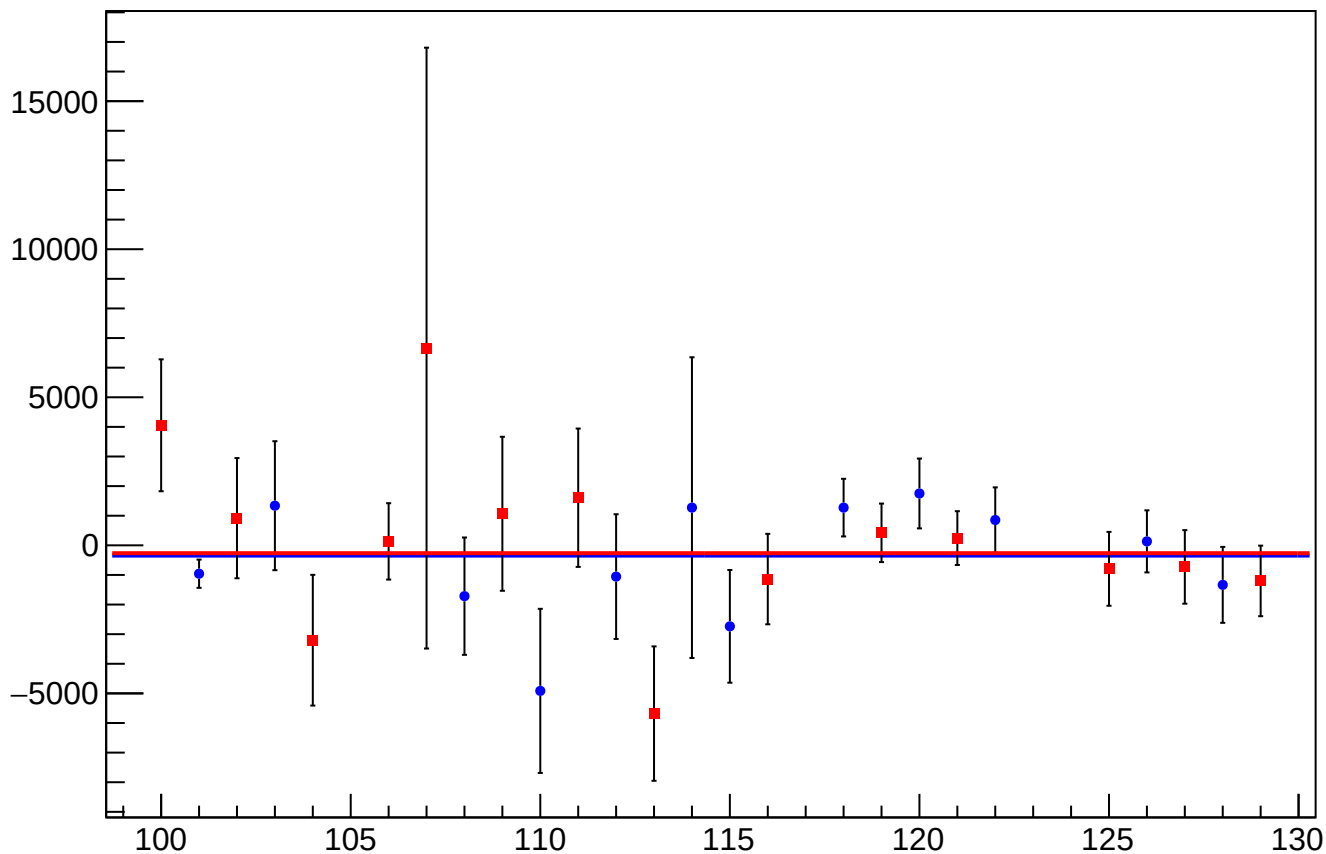
Right: 1626.143+/-0.353 χ^2/NDF : 298199.5/25

In: 1582.131+/-0.502 χ^2/NDF : 104870.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1626.143+/-0.353 χ^2/NDF : 298199.5/25

asym_usl_atl1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -345.907+/-321.915 χ^2 /NDF: 15.2/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -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

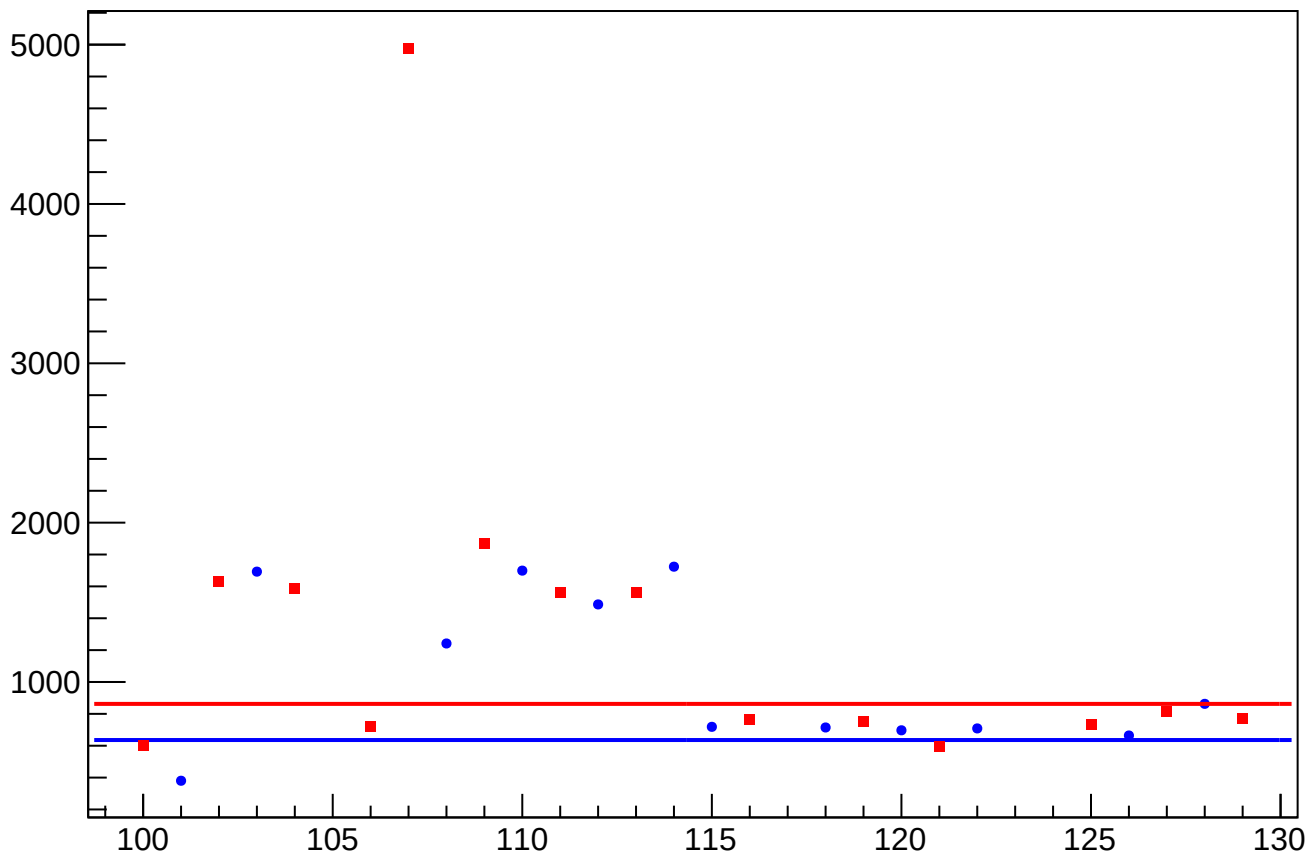
Right: -313.789+/-249.269 χ^2 /NDF: 30.3/25

In: -345.907+/-321.915 χ^2 /NDF:15.2/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -313.789+/-249.269 χ^2 /NDF: 30.3/25

asym_usl_atl1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 635.748+/-0.228 χ^2/NDF : 2040381.4/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

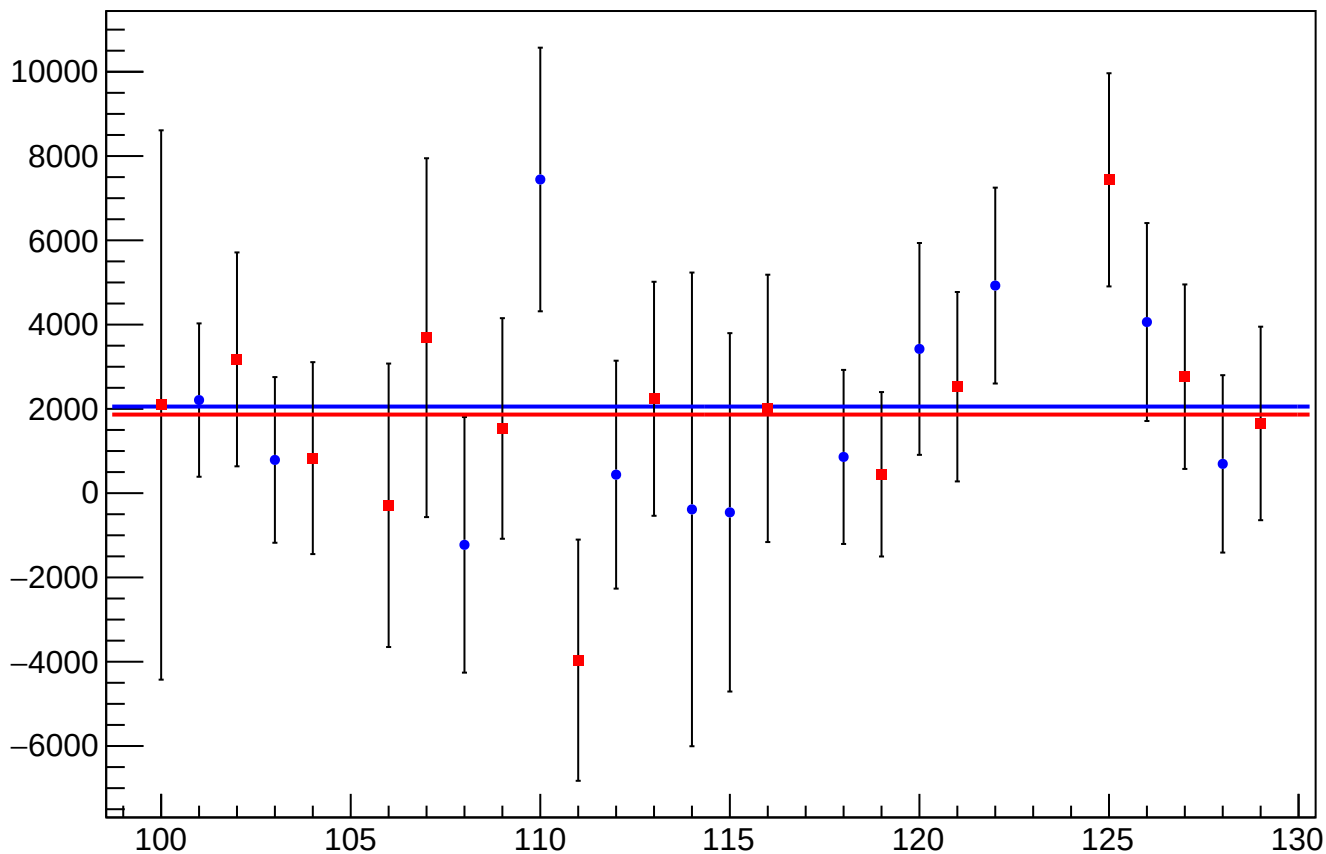
Right: 726.545+/-0.176 χ^2/NDF : 4225799.1/25

In: 635.748+/-0.228 χ^2/NDF :2040381.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 726.545+/-0.176 χ^2/NDF : 4225799.1/25

eigen_dit_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2055.064+/-710.634 χ^2/NDF : 8.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

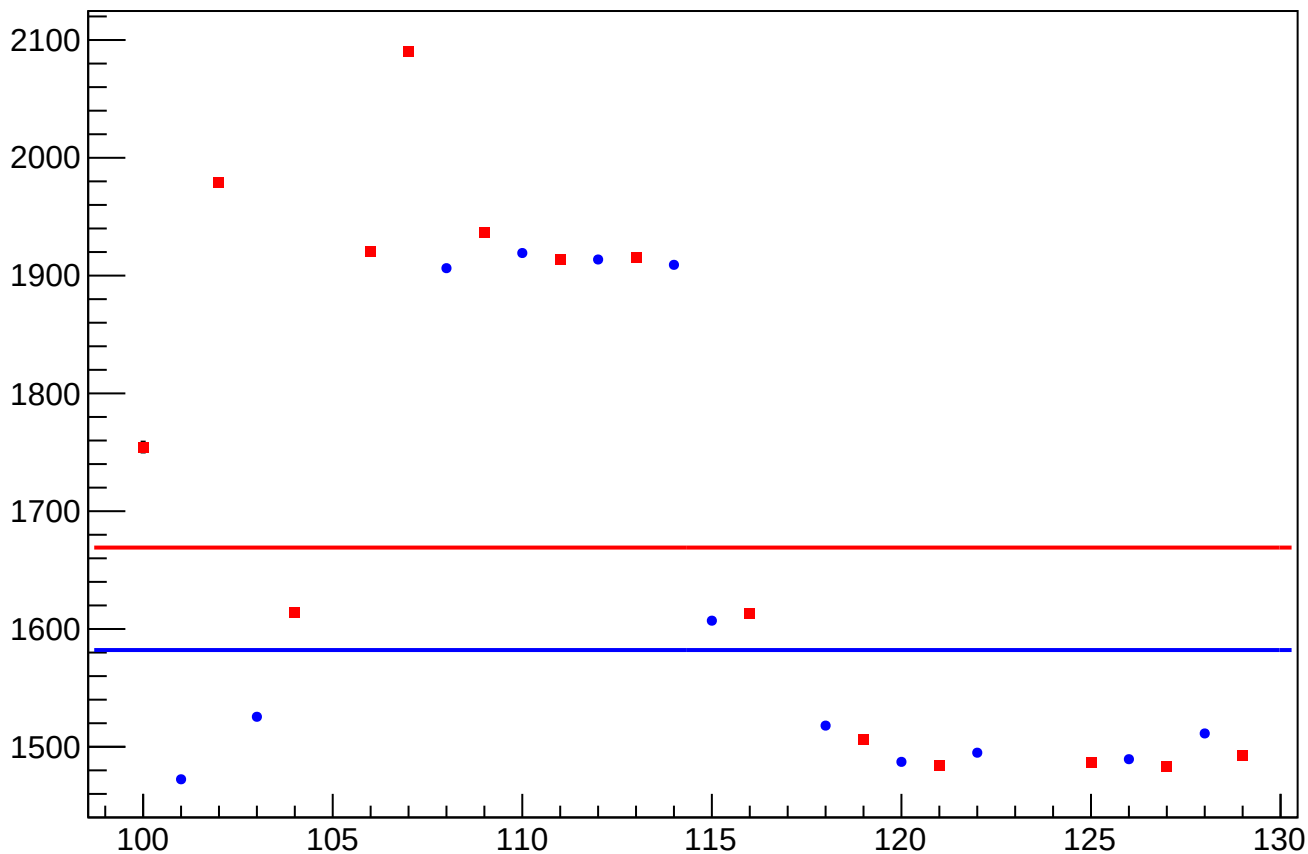
Right: 1958.944+/-499.511 χ^2/NDF : 19.7/25

In: 2055.064+/-710.634 χ^2/NDF : 8.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1958.944+/-499.511 χ^2/NDF : 19.7/25

eigen_dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1582.131+/-0.502 χ^2/NDF : 104870.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

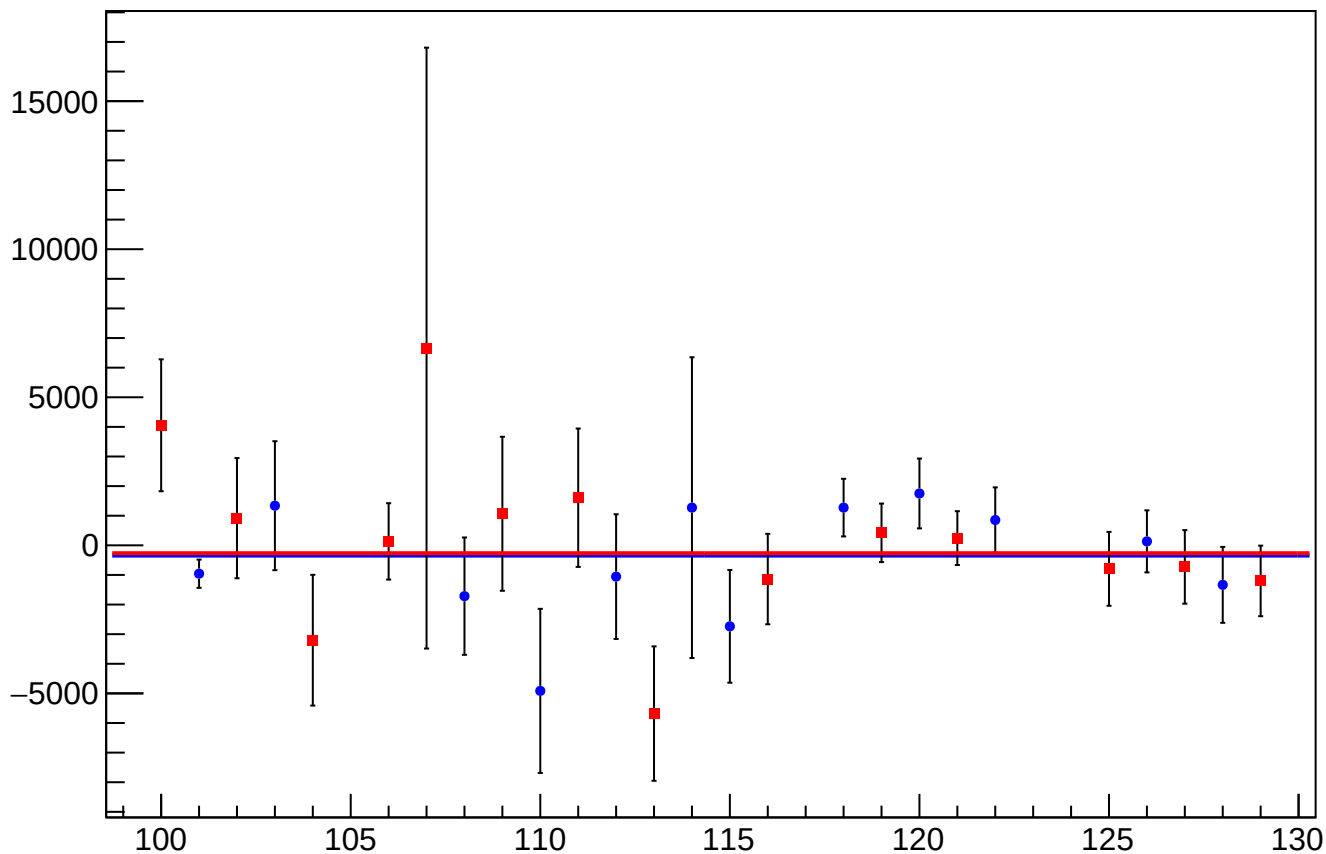
Right: 1626.142+/-0.353 χ^2/NDF : 298199.7/25

In: 1582.131+/-0.502 χ^2/NDF : 104870.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1626.142+/-0.353 χ^2/NDF : 298199.7/25

asym_usl_atl1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -345.906+/-321.915 χ^2/NDF : 15.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

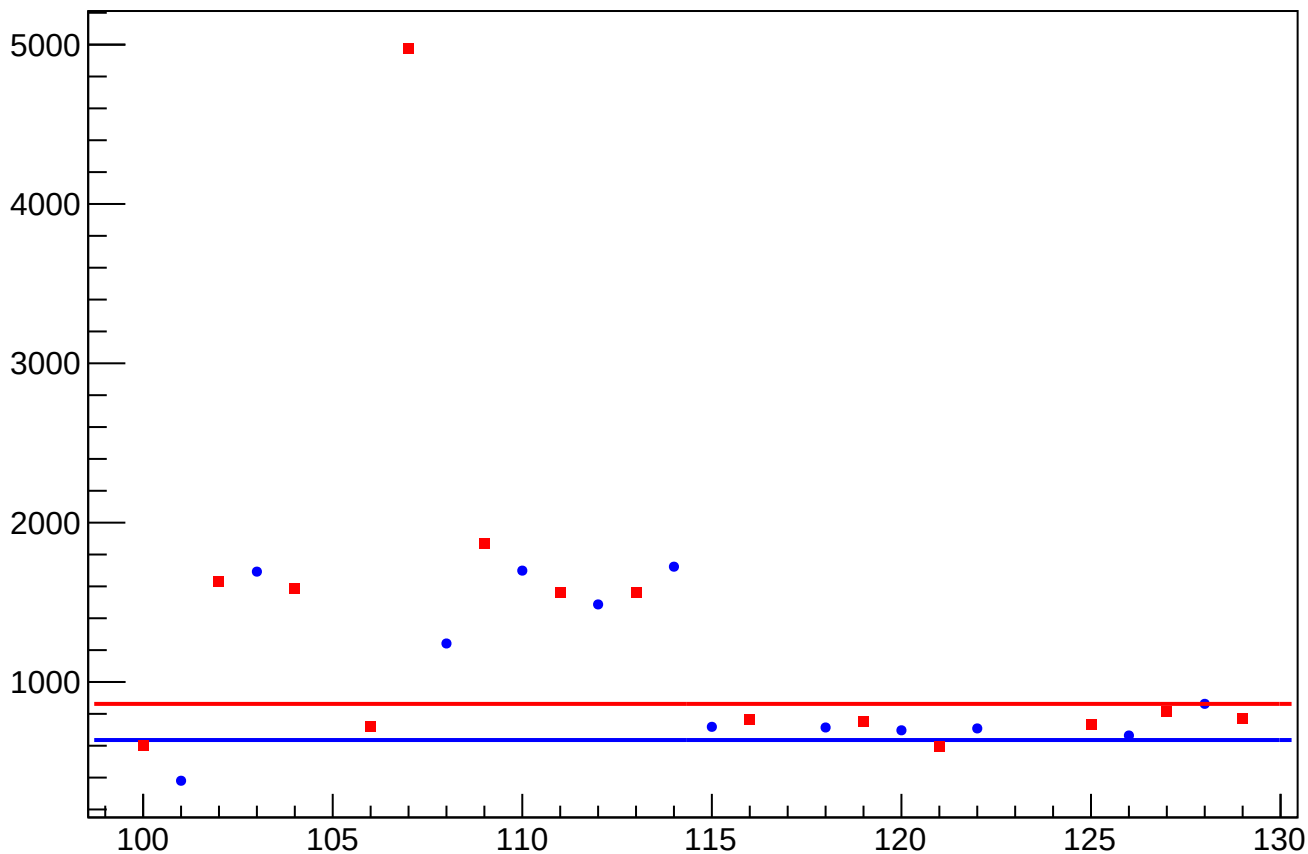
Right: -313.788+/-249.269 χ^2/NDF : 30.3/25

In: -345.906+/-321.915 χ^2/NDF : 15.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -313.788+/-249.269 χ^2/NDF : 30.3/25

asym_usl_atl1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 635.748+/-0.228 χ^2/NDF : 2040374.5/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

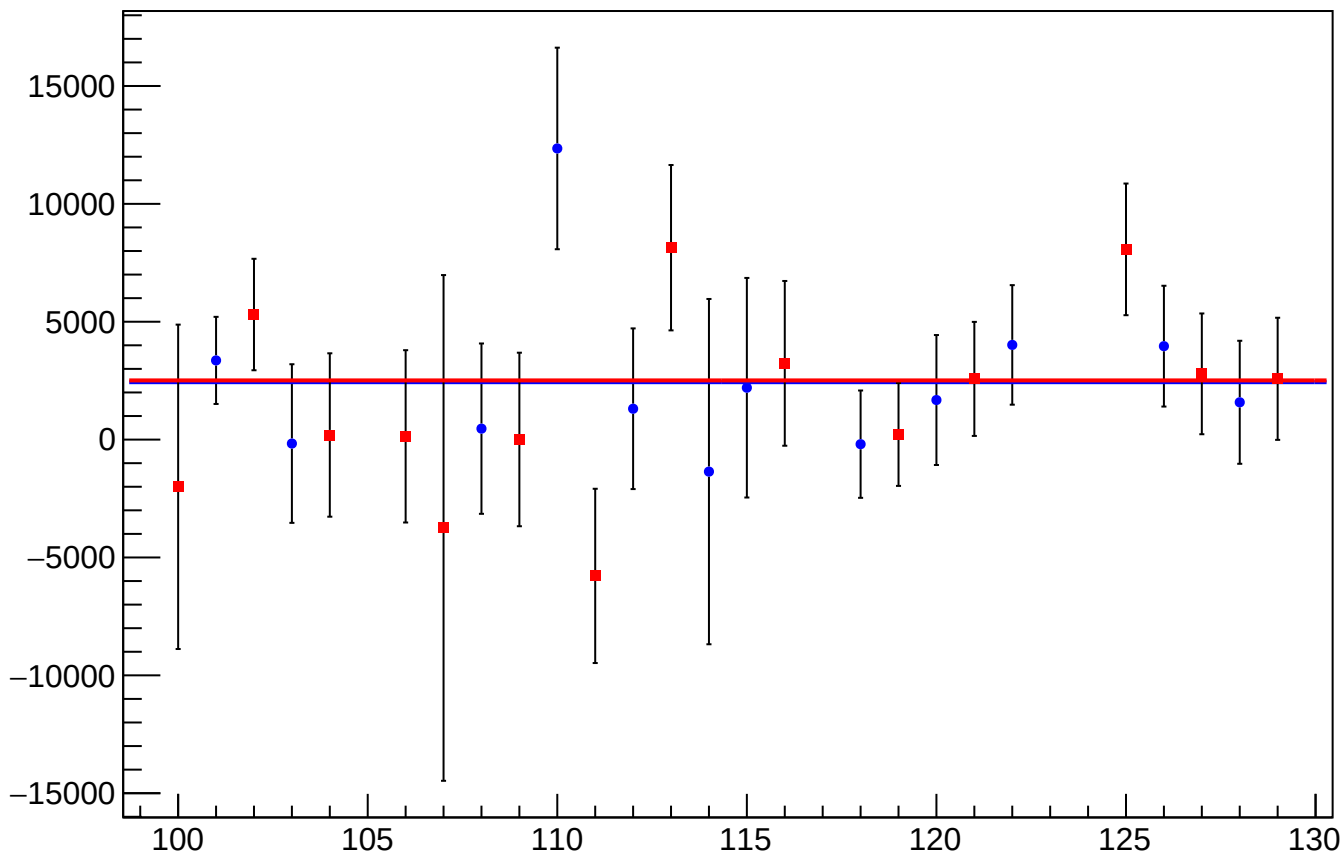
Right: 726.544+/-0.176 χ^2/NDF : 4225794.3/25

In: 635.748+/-0.228 χ^2/NDF :2040374.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 726.544+/-0.176 χ^2/NDF : 4225794.3/25

asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2435.745+/-832.545 χ^2/NDF : 9.2/11

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

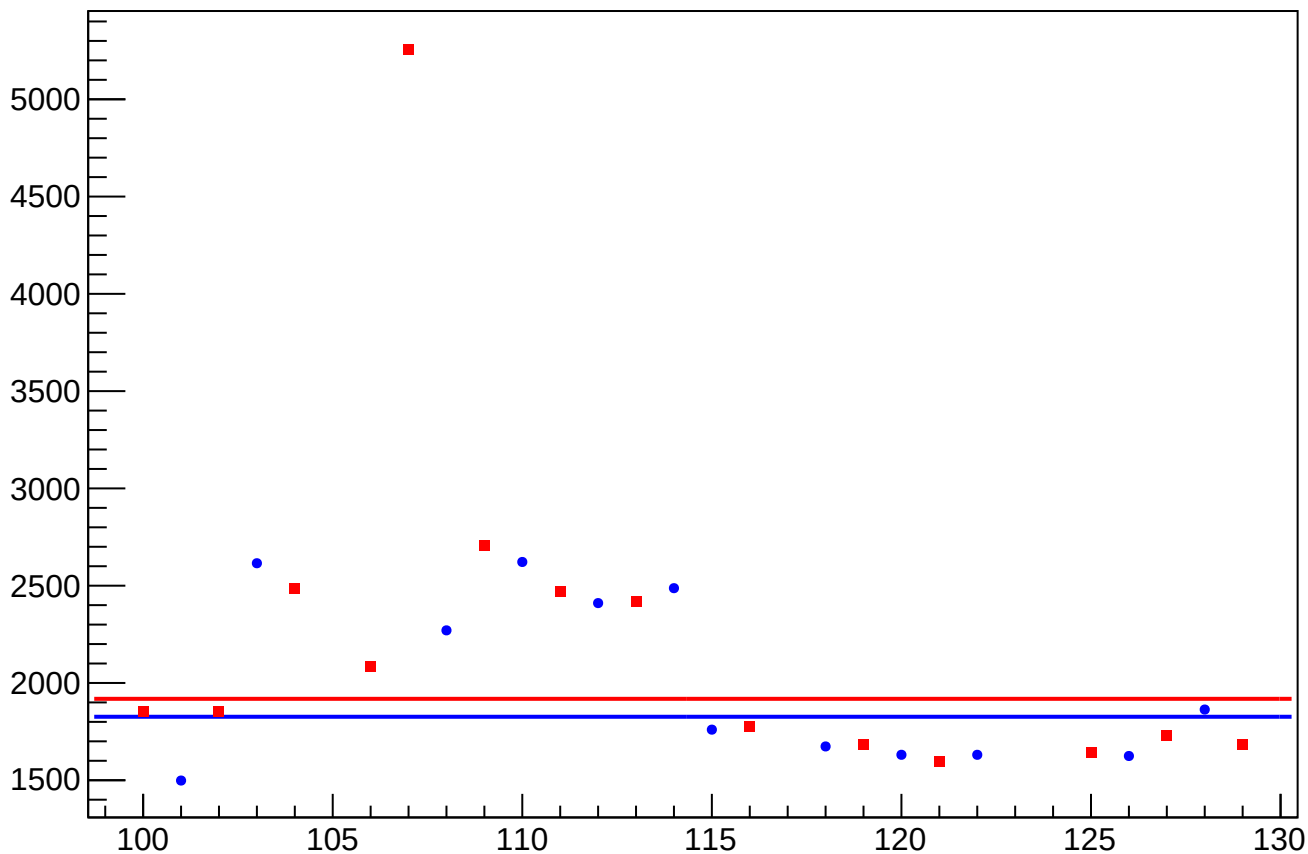
Right: 2474.001+/-584.175 χ^2/NDF : 25.4/25

In: 2435.745+/-832.545 χ^2/NDF : 9.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2474.001+/-584.175 χ^2/NDF : 25.4/25

asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1826.294+/-0.589 χ^2/NDF : 391663.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

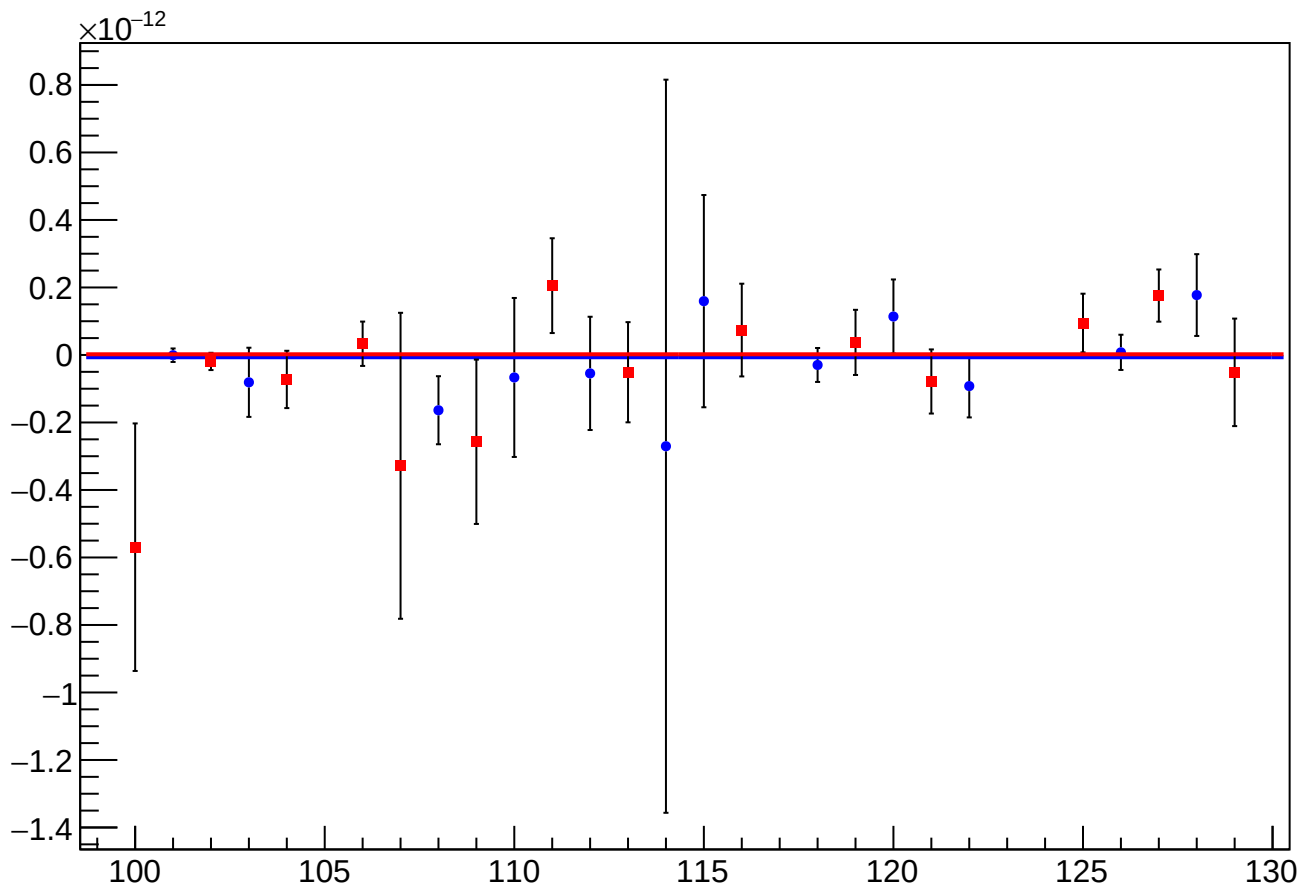
Right: 1873.105+/-0.413 χ^2/NDF : 943586.9/25

In: 1826.294+/-0.589 χ^2/NDF : 391663.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1873.105+/-0.413 χ^2/NDF : 943586.9/25

asym_usl_atl1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 8.2/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 15.4/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

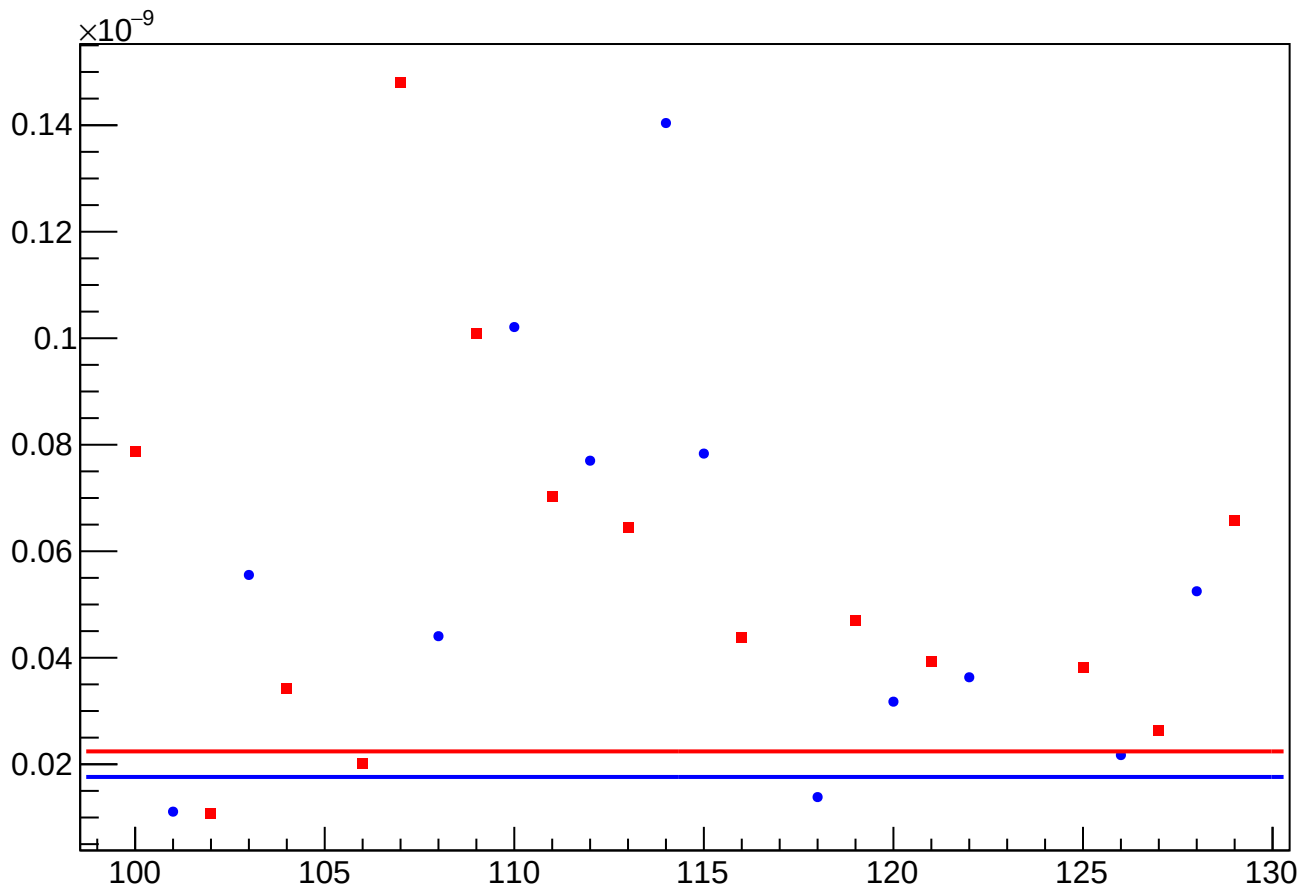
Right: -0.000+/-0.000 χ^2 /NDF: 23.7/25

In: -0.000+/-0.000 χ^2 /NDF:8.2/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 23.7/25

asym_usl_atl1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1535688.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

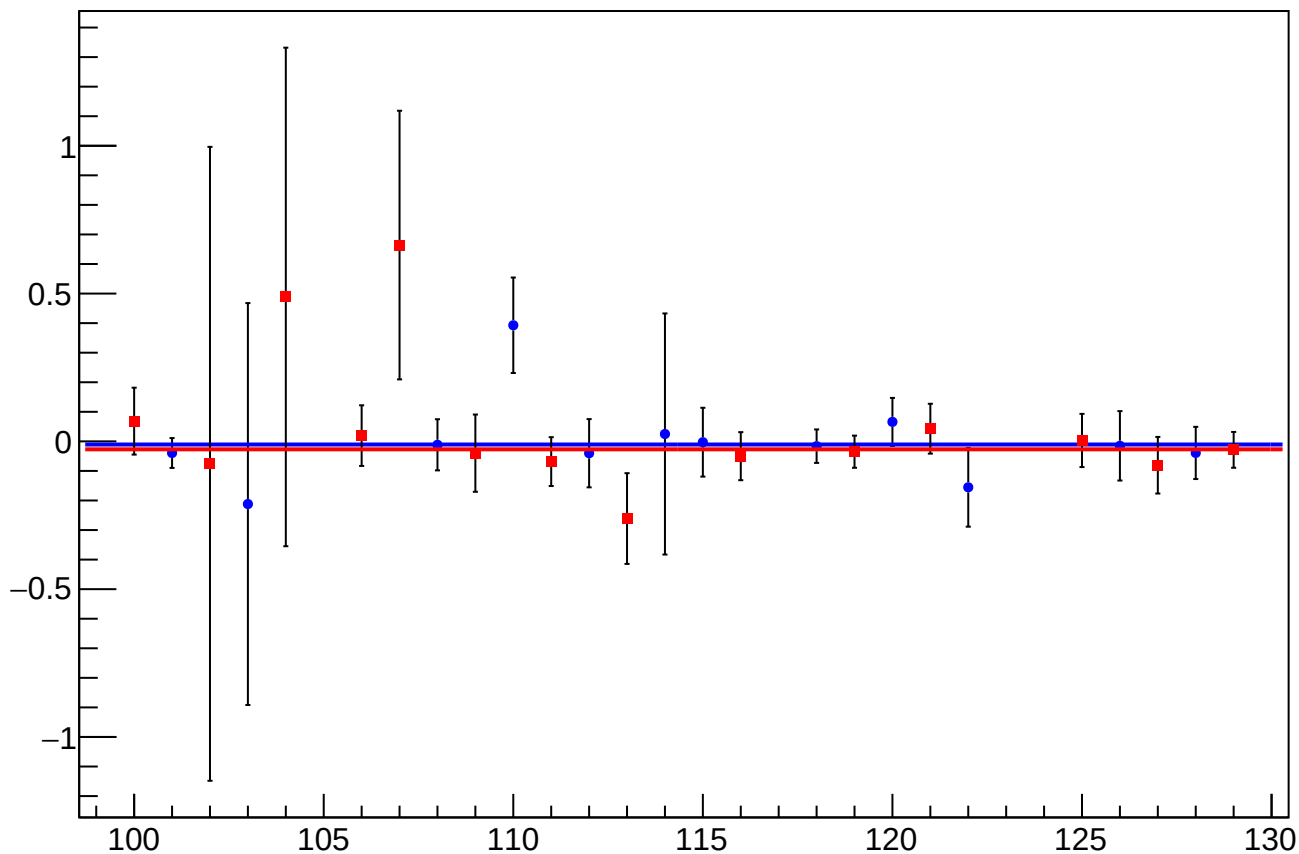
Right: 0.000+/-0.000 χ^2/NDF : 3329978.9/25

In: 0.000+/-0.000 χ^2/NDF : 1535688.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3329978.9/25

asym_usl_atl1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 ± 0.026 χ^2/NDF : 8.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.027 ± 0.025 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

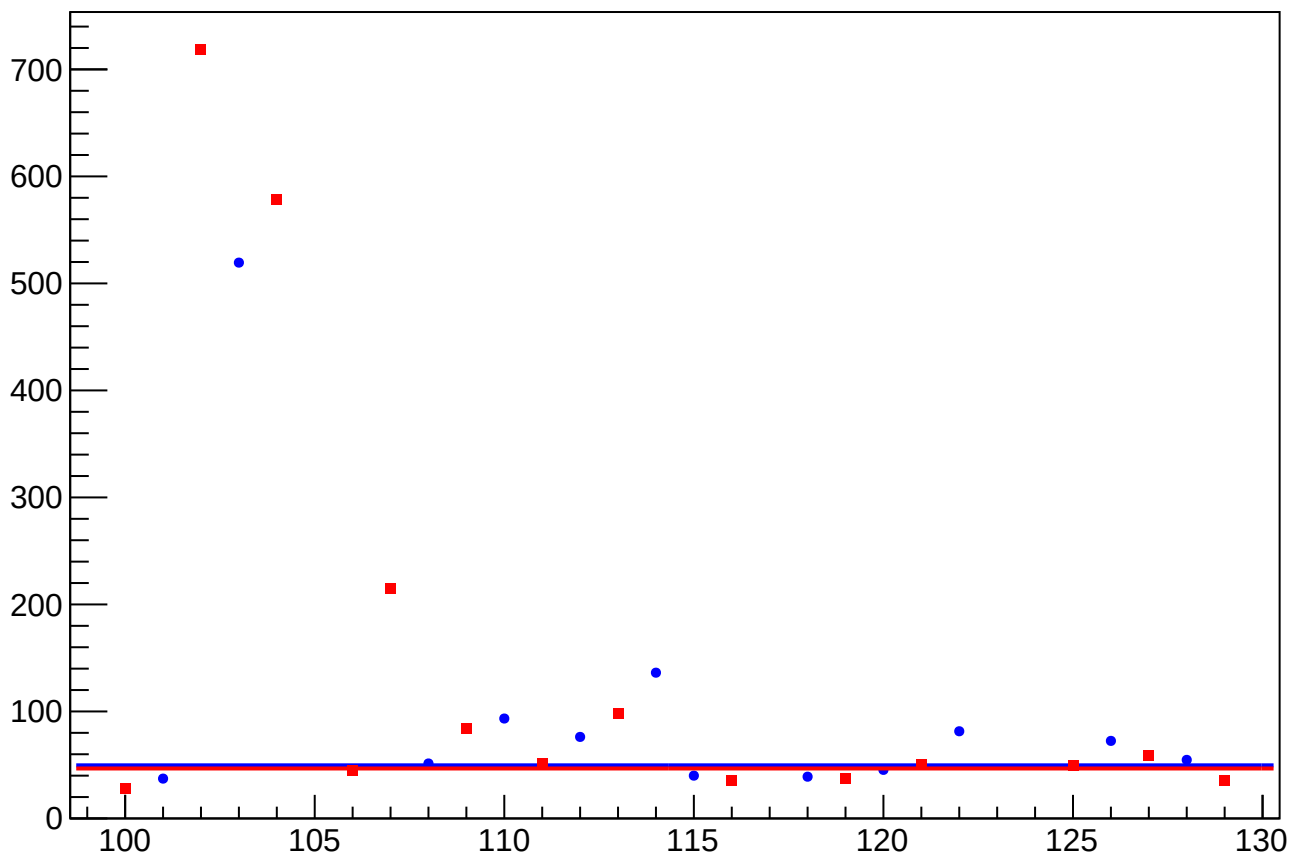
Right: -0.019 ± 0.018 χ^2/NDF : 16.5/25

In: -0.011 ± 0.026 χ^2/NDF : 8.9/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.019 ± 0.018 χ^2/NDF : 16.5/25

asym_usl_atl1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.651+/-0.019 χ^2/NDF : 1705233.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

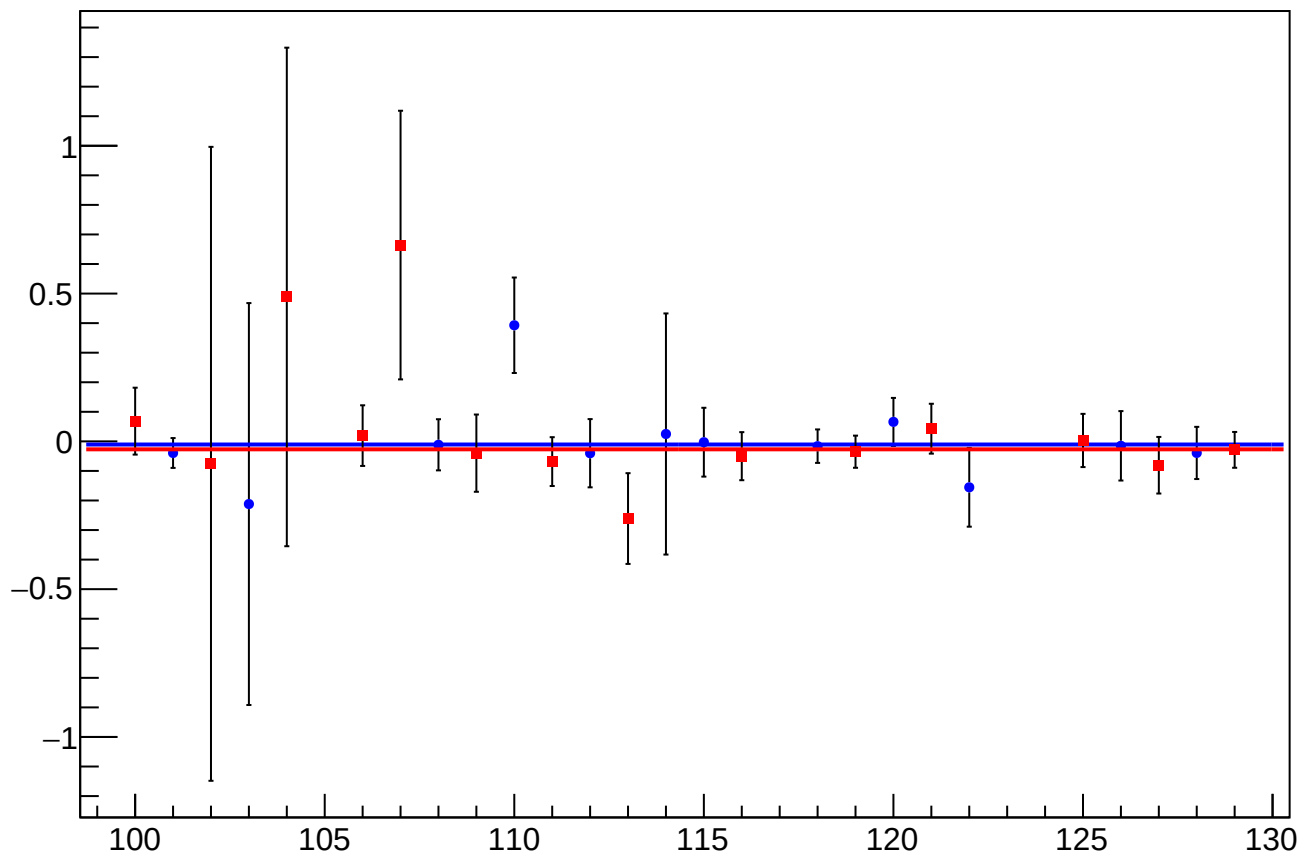
Right: 48.114+/-0.013 χ^2/NDF : 4223002.1/25

In: 49.651+/-0.019 χ^2/NDF : 1705233.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.114+/-0.013 χ^2/NDF : 4223002.1/25

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 $\pm$ 0.026 χ^2 /NDF: 8.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.027 $\pm$ 0.025 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

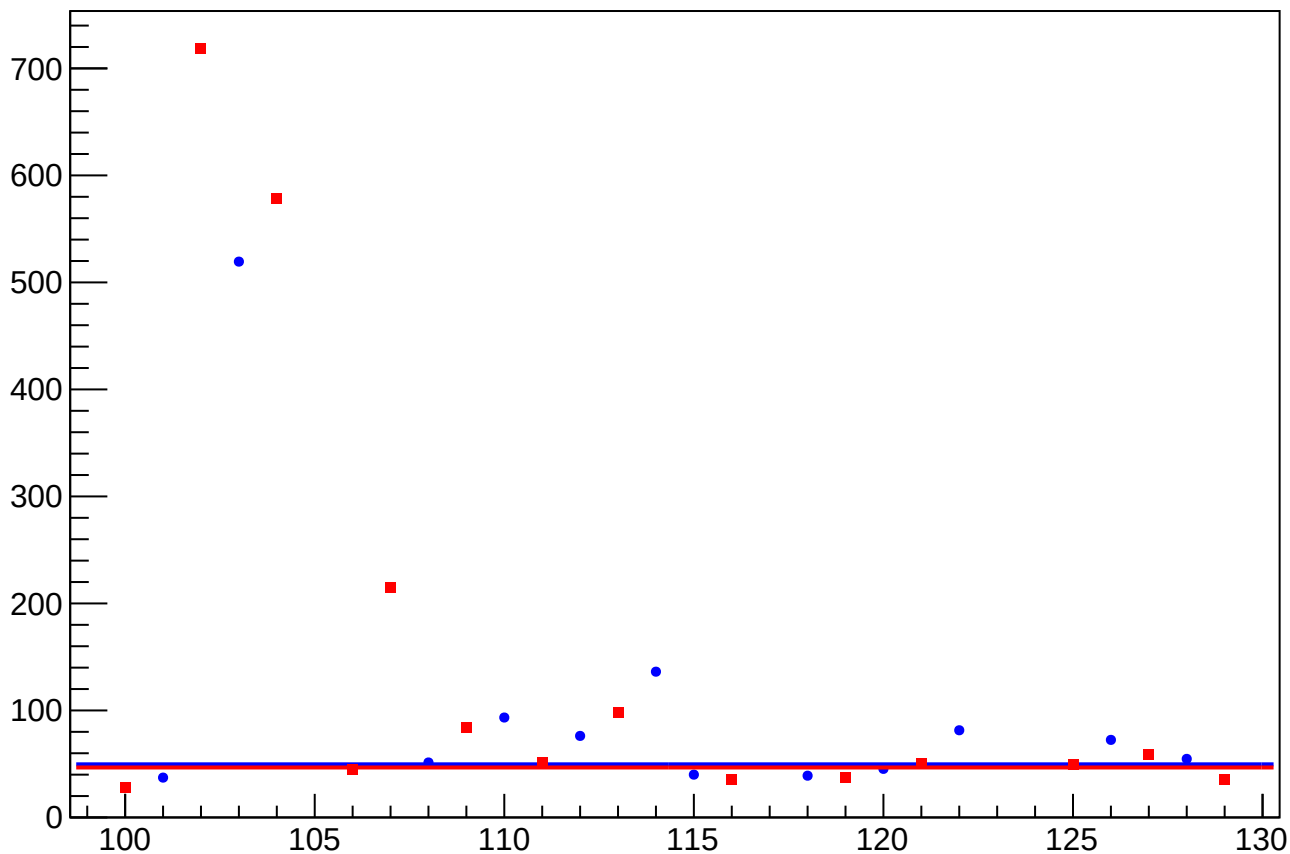
Right: -0.019 $\pm$ 0.018 χ^2 /NDF: 16.5/25

In: -0.011 $\pm$ 0.026 χ^2 /NDF:8.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.019 $\pm$ 0.018 χ^2 /NDF: 16.5/25

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.651+/-0.019 χ^2/NDF : 1705233.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

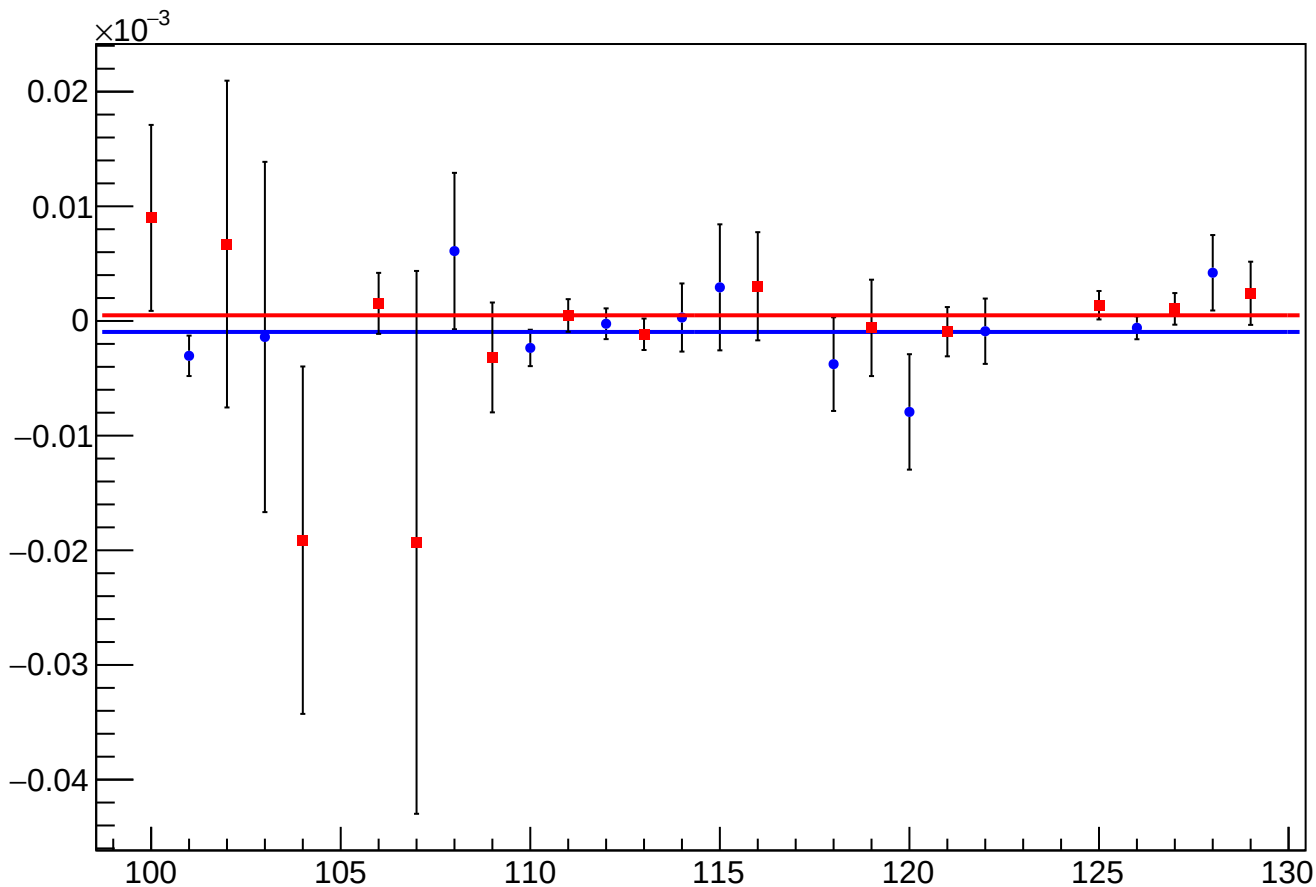
Right: 48.114+/-0.013 χ^2/NDF : 4223002.1/25

In: 49.651+/-0.019 χ^2/NDF : 1705233.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.114+/-0.013 χ^2/NDF : 4223002.1/25

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2/NDF : 9.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 7.8/13

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

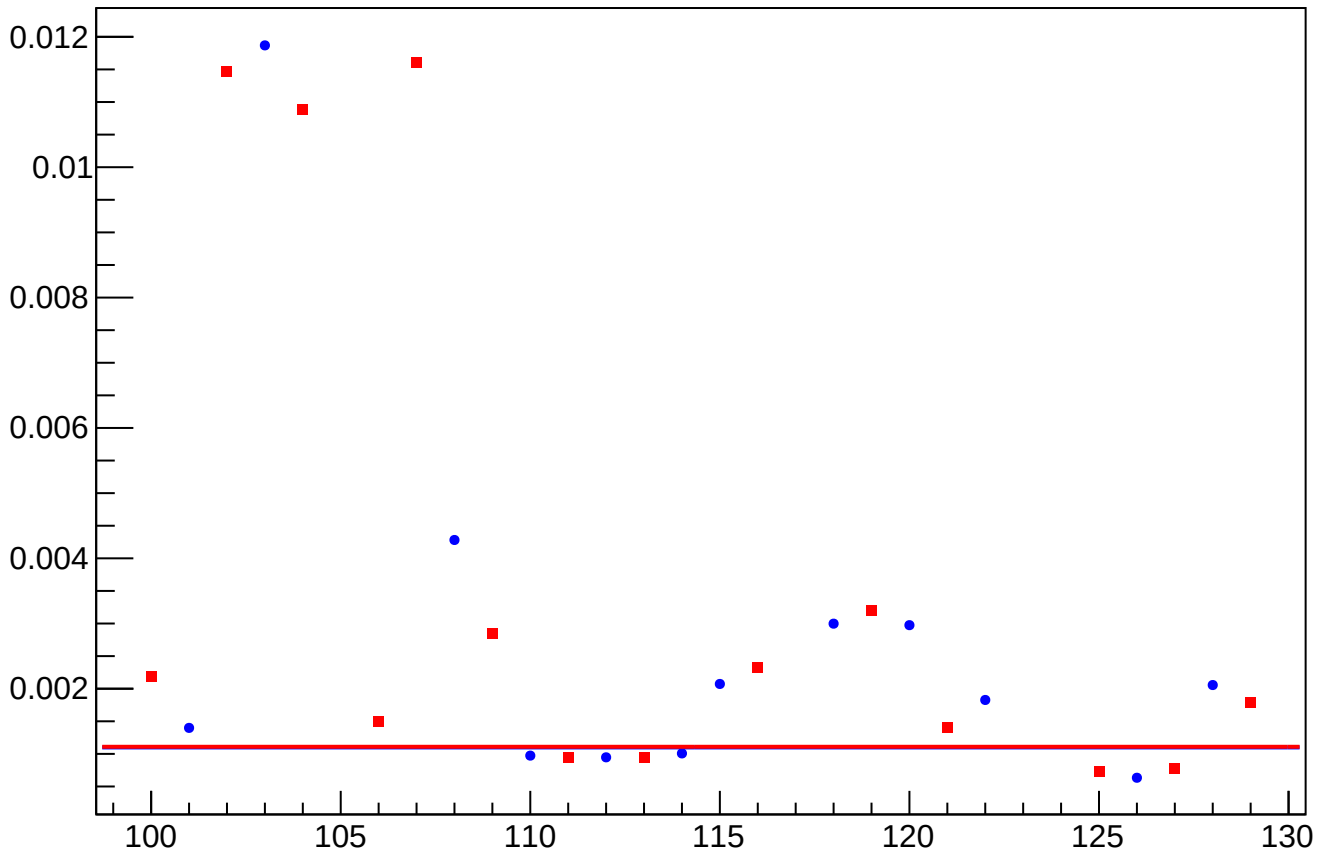
Right: -0.000 $\pm$ 0.000 χ^2/NDF : 20.0/25

In: -0.000 $\pm$ 0.000 χ^2/NDF : 9.2/11

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 20.0/25

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 3032213.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 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

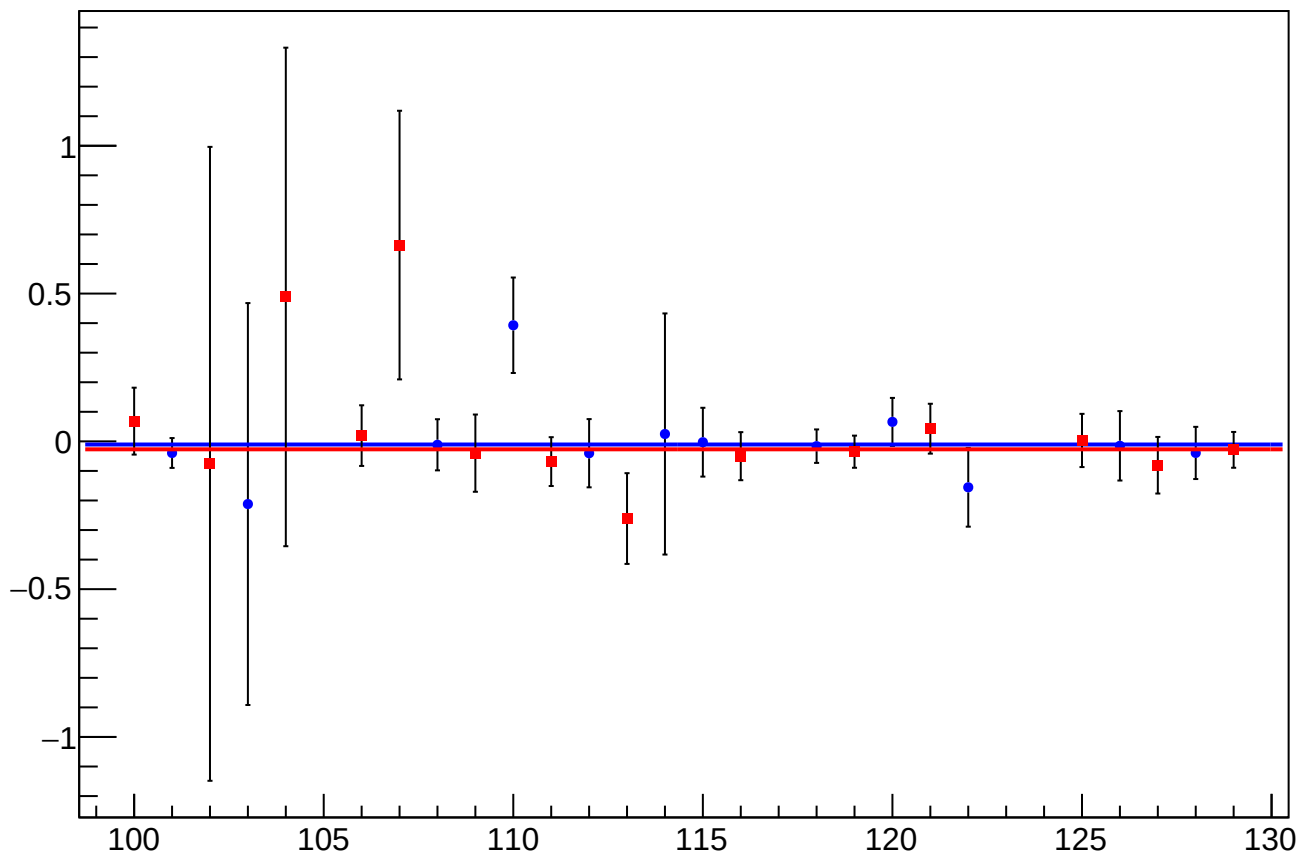
Right: 0.001+/-0.000 χ^2/NDF : 6796286.8/25

In: 0.001+/-0.000 χ^2/NDF : 3032213.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6796286.8/25

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011+/-0.026 χ^2 /NDF: 8.9/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.027+/-0.025 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

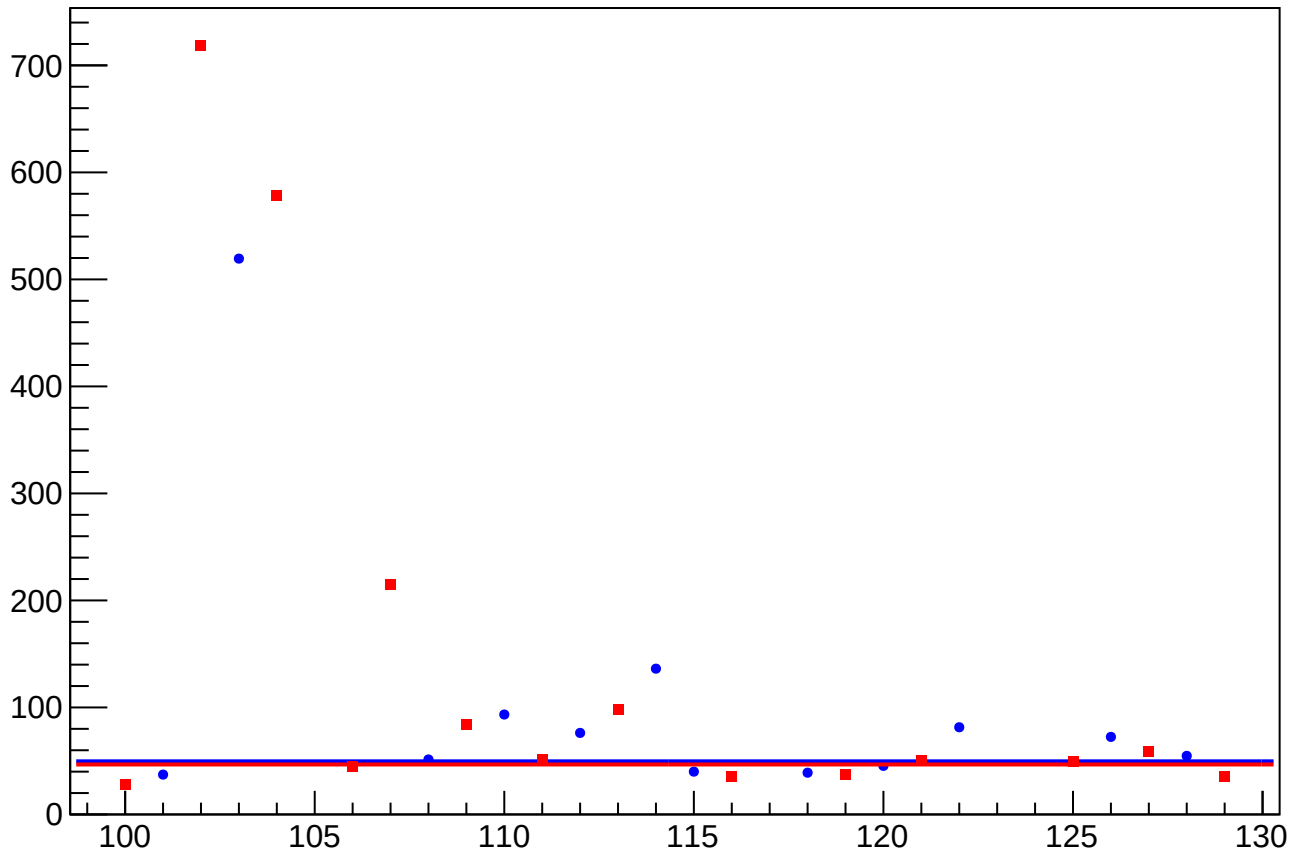
Right: -0.019+/-0.018 χ^2 /NDF: 16.5/25

In: -0.011+/-0.026 χ^2 /NDF:8.9/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.019+/-0.018 χ^2 /NDF: 16.5/25

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.651+/-0.019 χ^2/NDF : 1705233.2/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

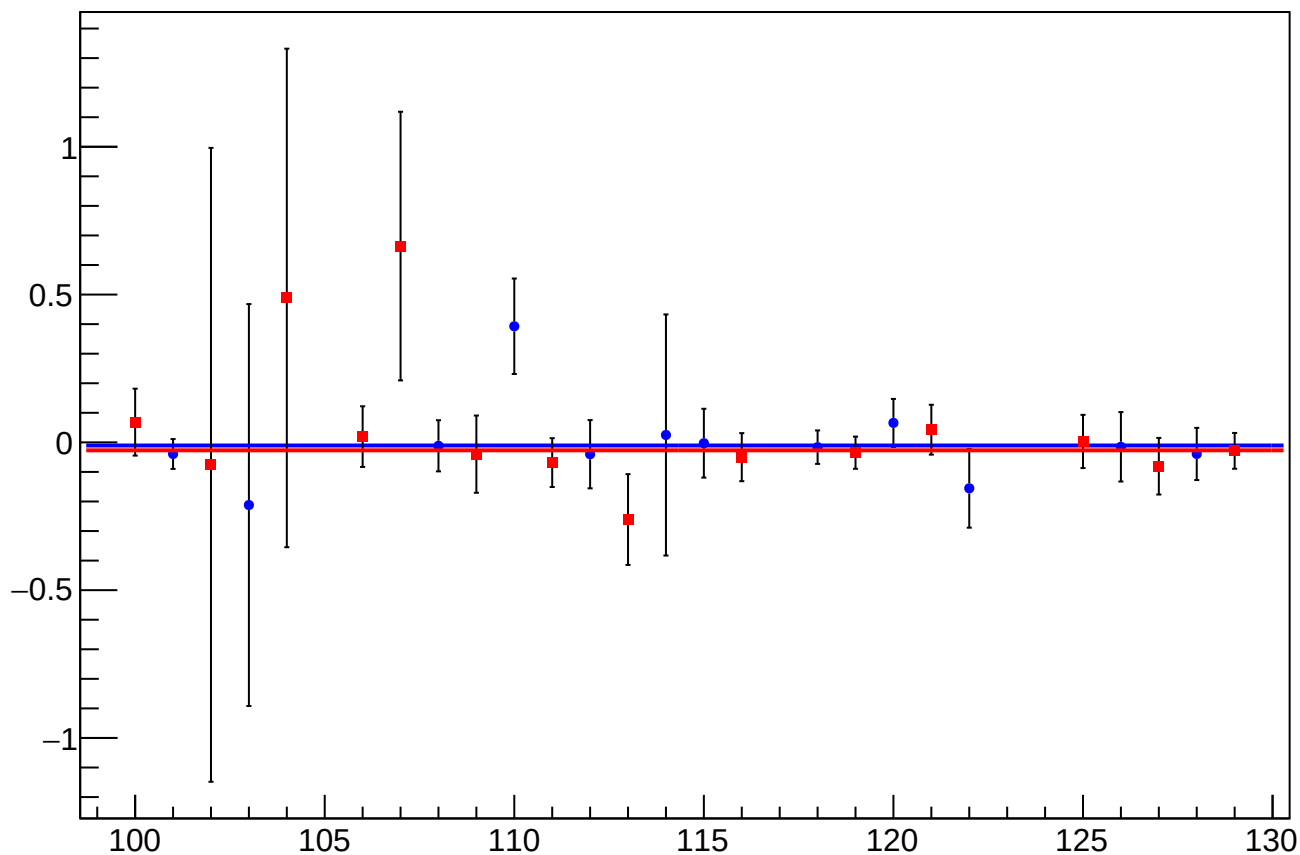
Right: 48.113+/-0.013 χ^2/NDF : 4222990.3/25

In: 49.651+/-0.019 χ^2/NDF :1705233.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 48.113+/-0.013 χ^2/NDF : 4222990.3/25

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 $\pm$ 0.026 χ^2 /NDF: 8.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.027 $\pm$ 0.025 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

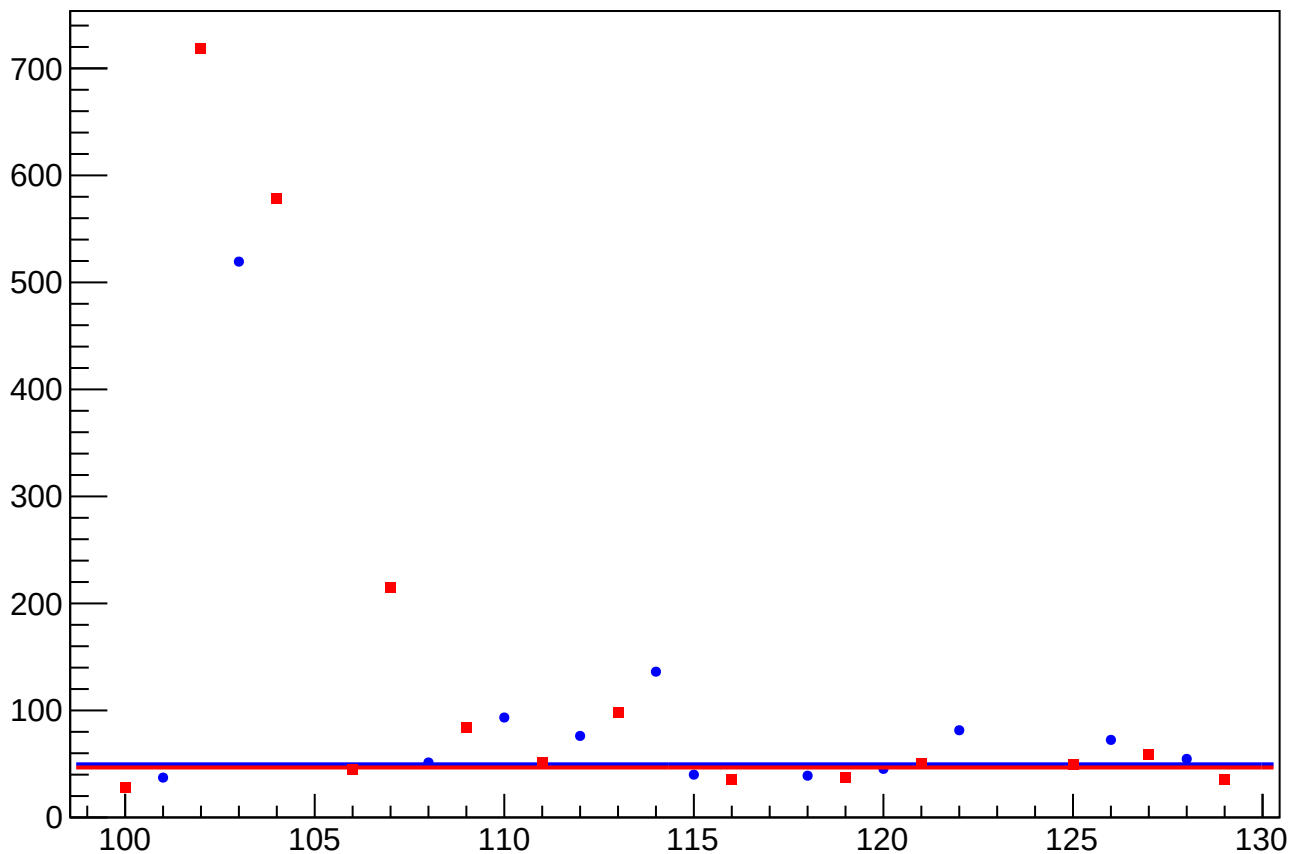
Right: -0.019 $\pm$ 0.018 χ^2 /NDF: 16.5/25

In: -0.011 $\pm$ 0.026 χ^2 /NDF:8.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.019 $\pm$ 0.018 χ^2 /NDF: 16.5/25

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.651+/-0.019 χ^2/NDF : 1705233.2/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

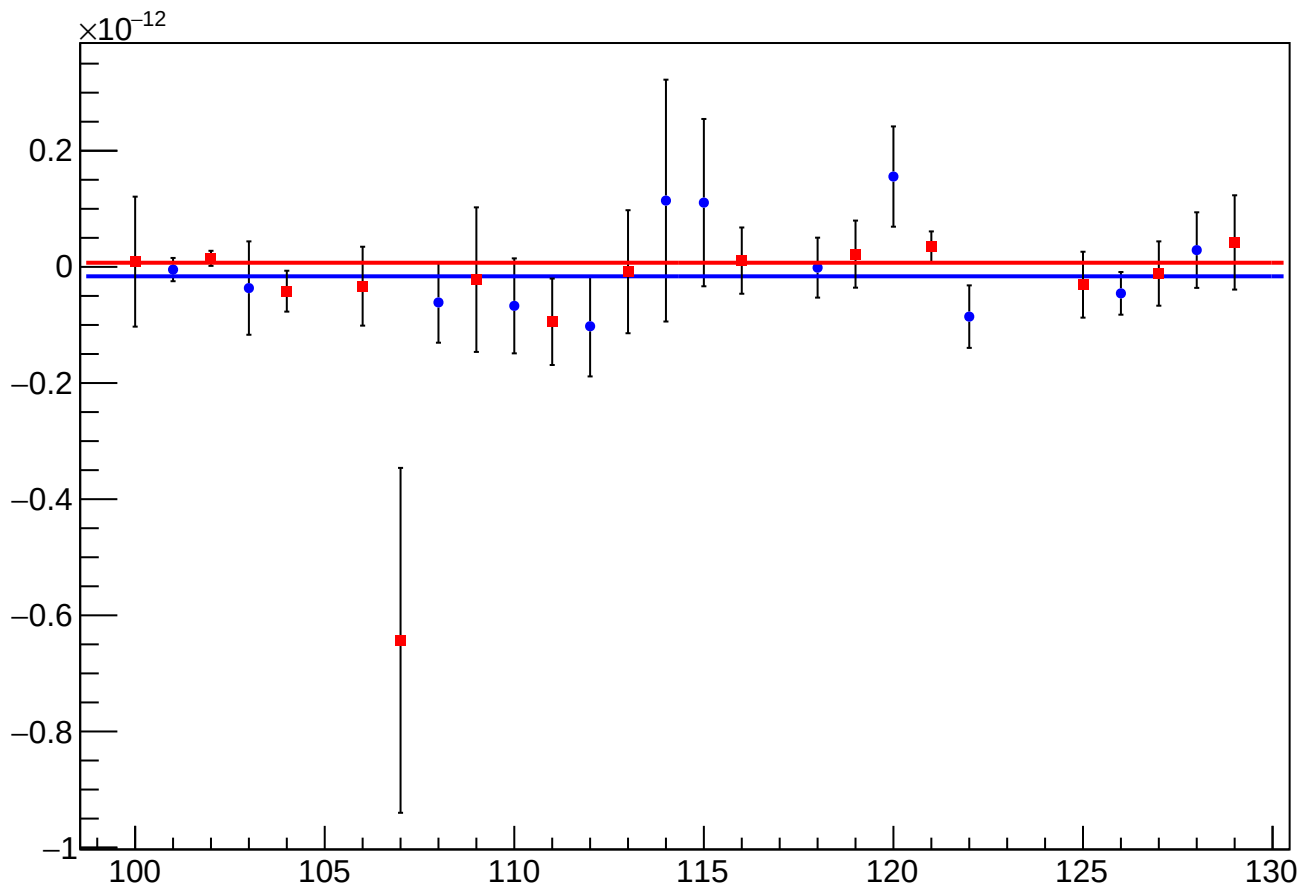
Right: 48.113+/-0.013 χ^2/NDF : 4222990.3/25

In: 49.651+/-0.019 χ^2/NDF :1705233.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 48.113+/-0.013 χ^2/NDF : 4222990.3/25

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

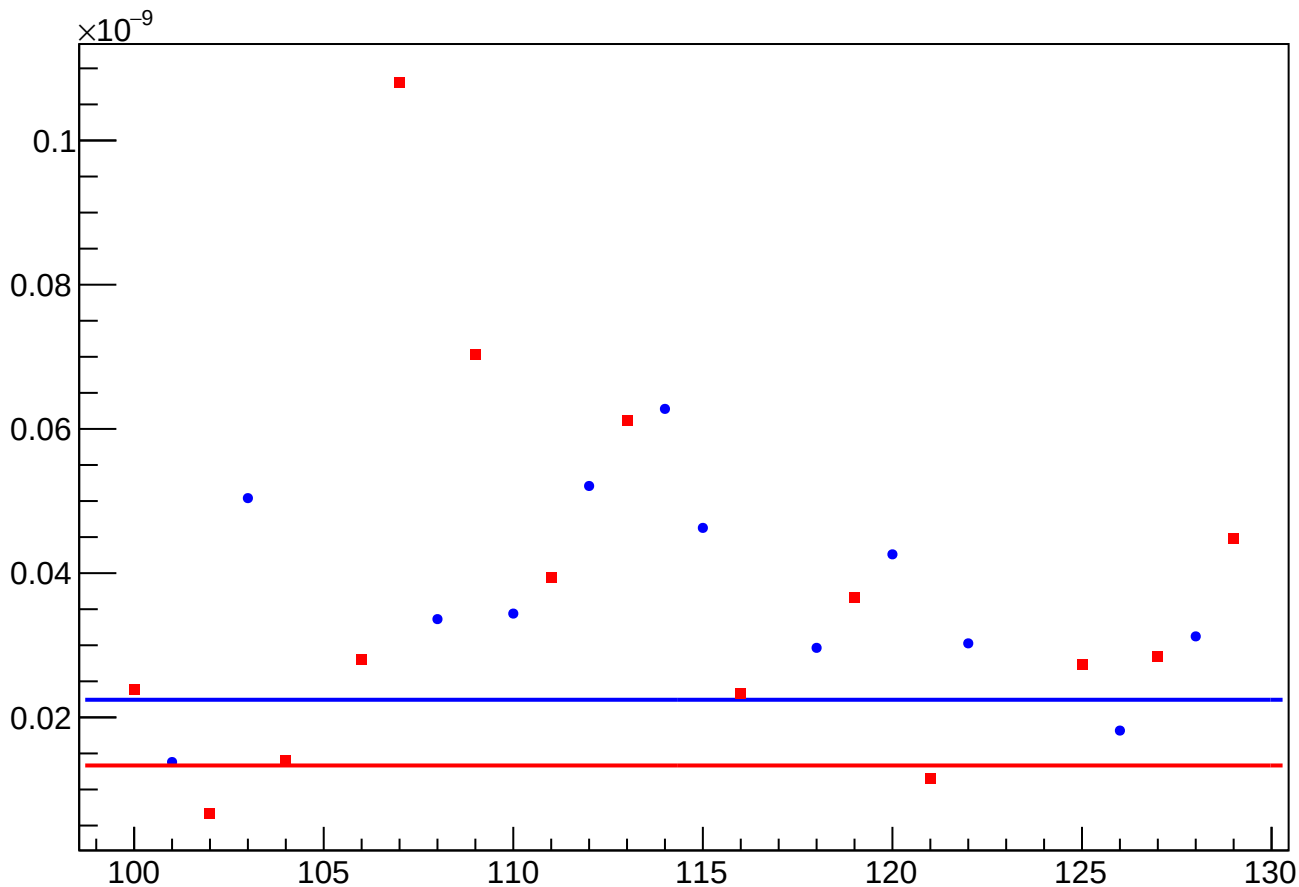
Right: -0.000+/-0.000 χ^2/NDF : 23.3/25

In: -0.000+/-0.000 χ^2/NDF : 10.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.3/25

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1326927.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

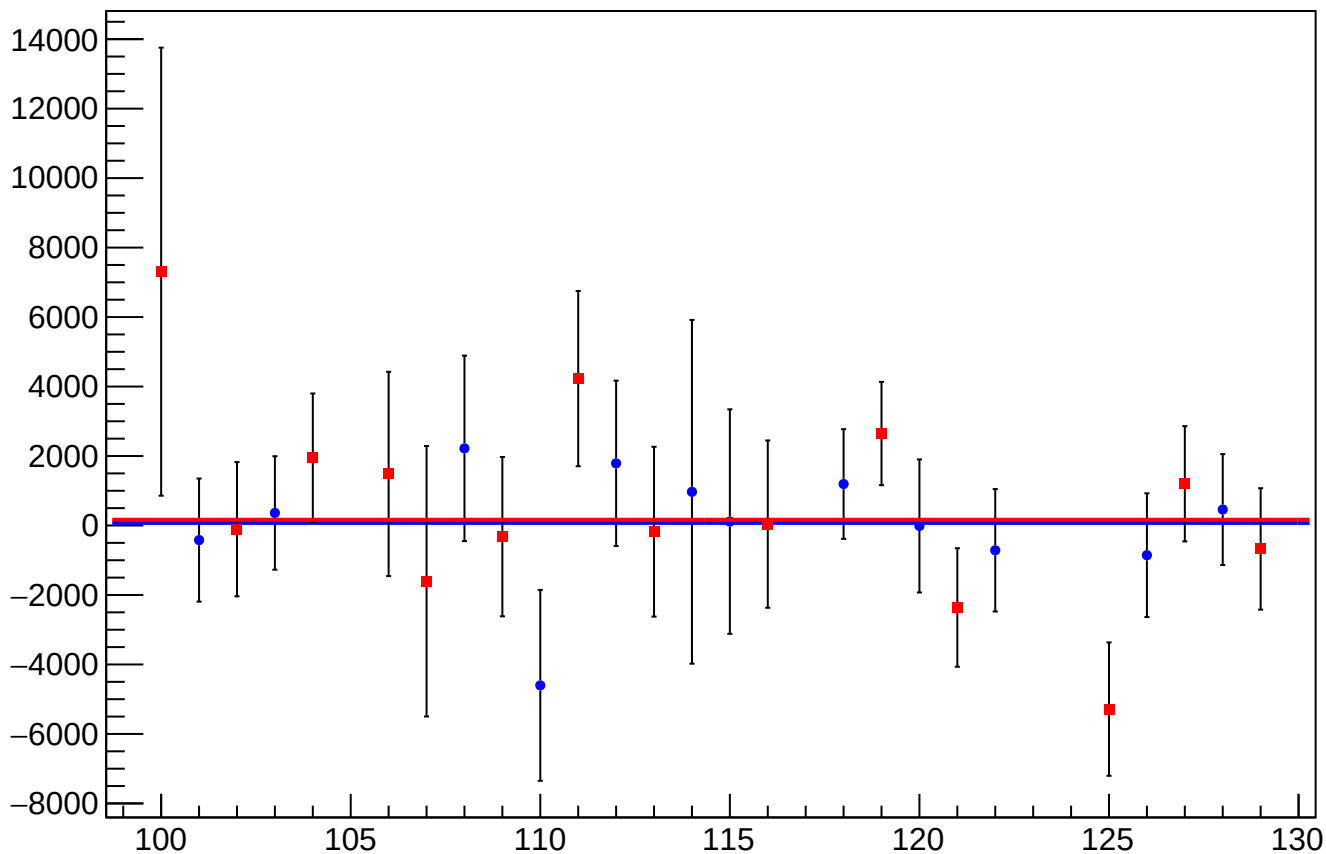
Right: 0.000+/-0.000 χ^2/NDF : 4774530.1/25

In: 0.000+/-0.000 χ^2/NDF : 1326927.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4774530.1/25

reg_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 75.955+/-579.038 χ^2/NDF : 5.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

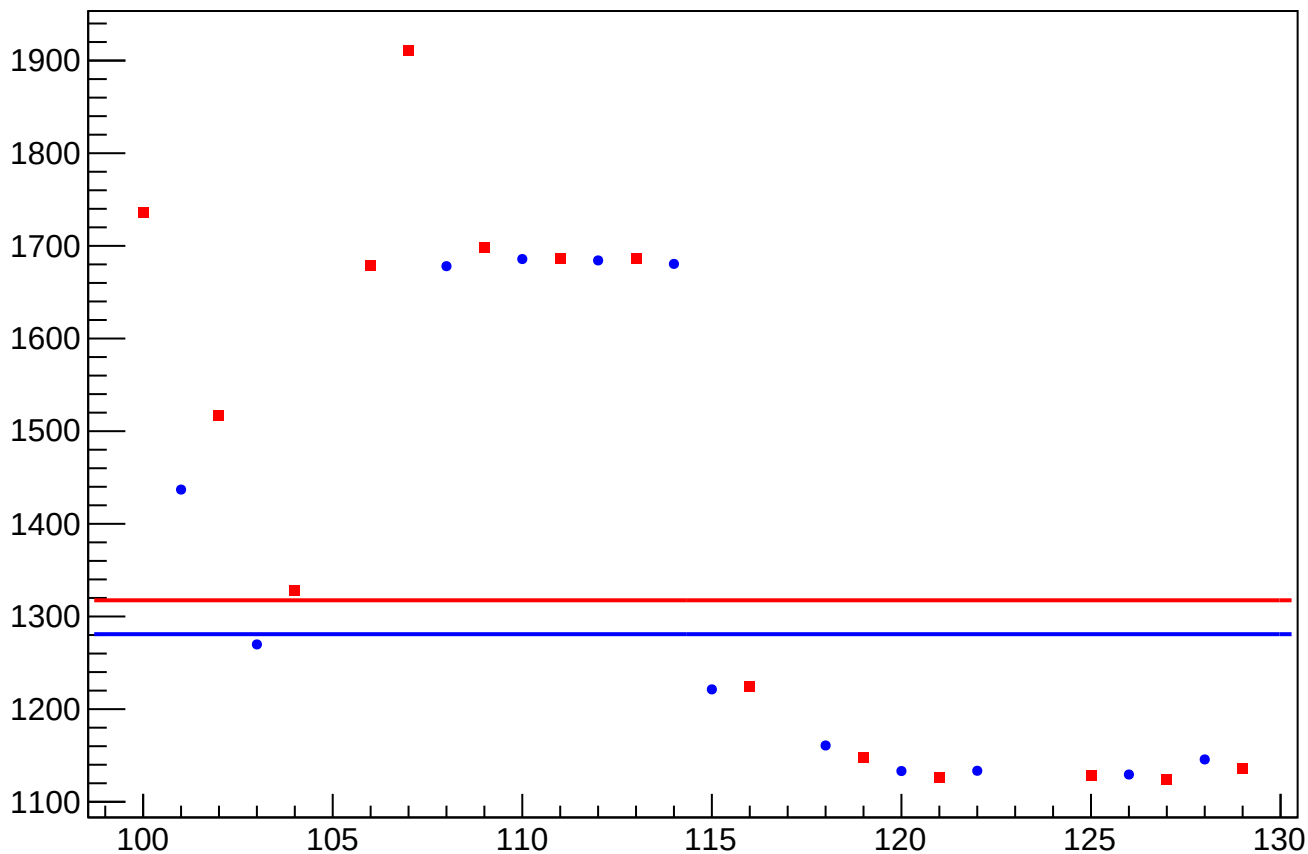
Right: 122.469+/-401.823 χ^2/NDF : 24.2/25

In: 75.955+/-579.038 χ^2/NDF : 5.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.469+/-401.823 χ^2/NDF : 24.2/25

reg_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1280.910+/-0.409 χ^2/NDF : 240764.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

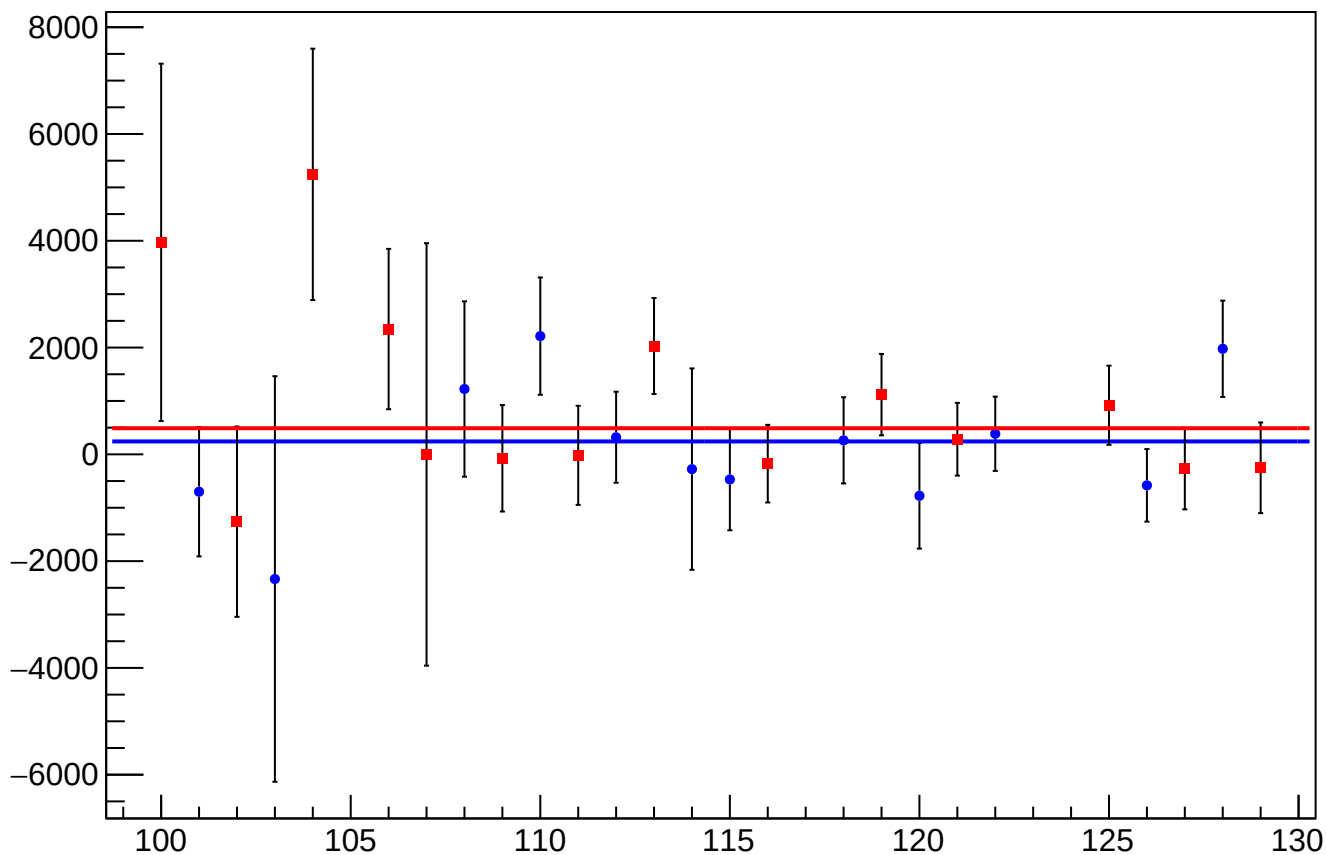
Right: 1299.870+/-0.284 χ^2/NDF : 617252.6/25

In: 1280.910+/-0.409 χ^2/NDF : 240764.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1299.870+/-0.284 χ^2/NDF : 617252.6/25

asym_usl_atl1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 241.798+/-280.359 χ^2/NDF : 11.5/11

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

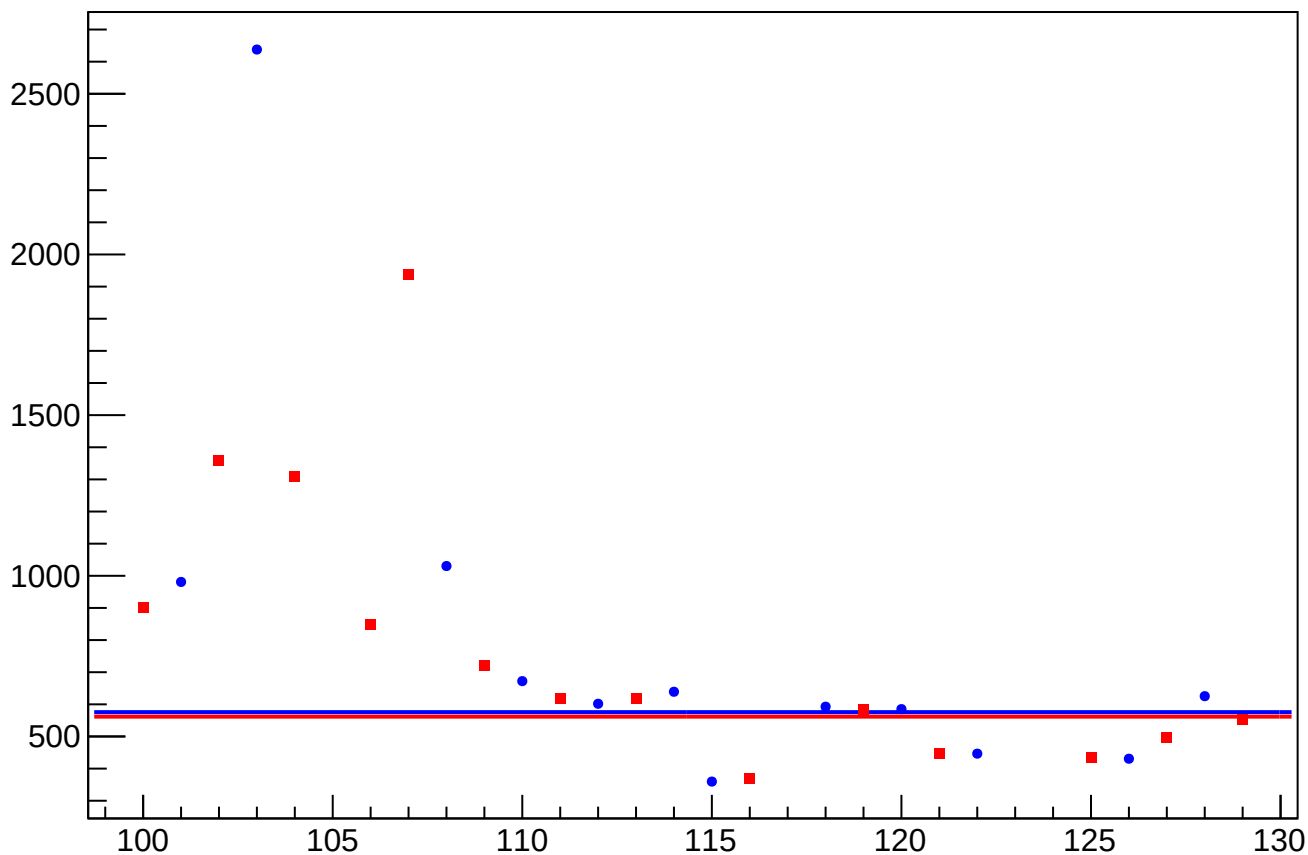
Right: 376.384+/-189.290 χ^2/NDF : 26.9/25

In: 241.798+/-280.359 χ^2/NDF : 11.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 376.384+/-189.290 χ^2/NDF : 26.9/25

asym_usl_atl1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 575.700+/-0.198 χ^2/NDF : 1256264.9/11

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

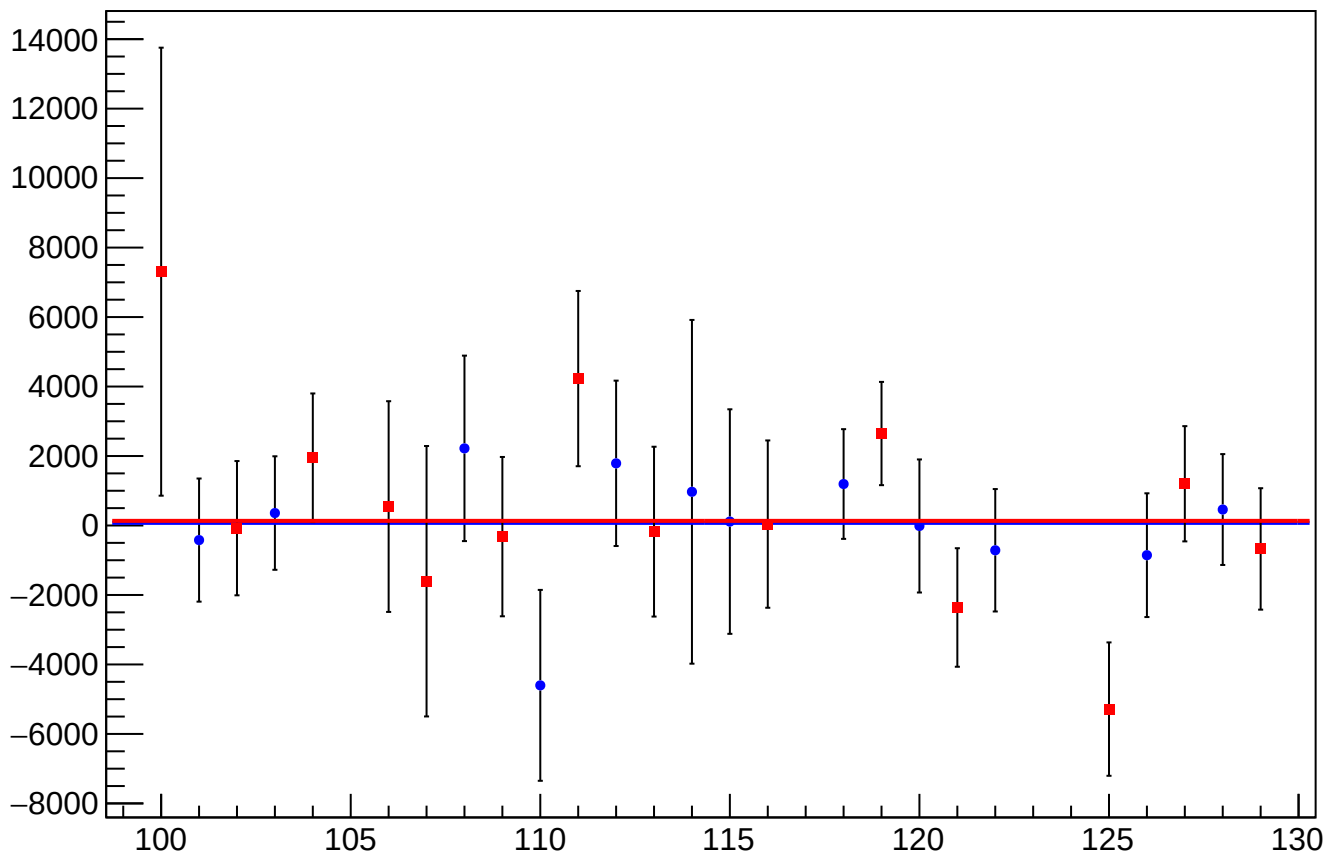
Right: 568.115+/-0.134 χ^2/NDF : 2536750.6/25

In: 575.700+/-0.198 χ^2/NDF : 1256264.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 568.115+/-0.134 χ^2/NDF : 2536750.6/25

cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 75.634+/-579.038 χ^2/NDF : 5.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

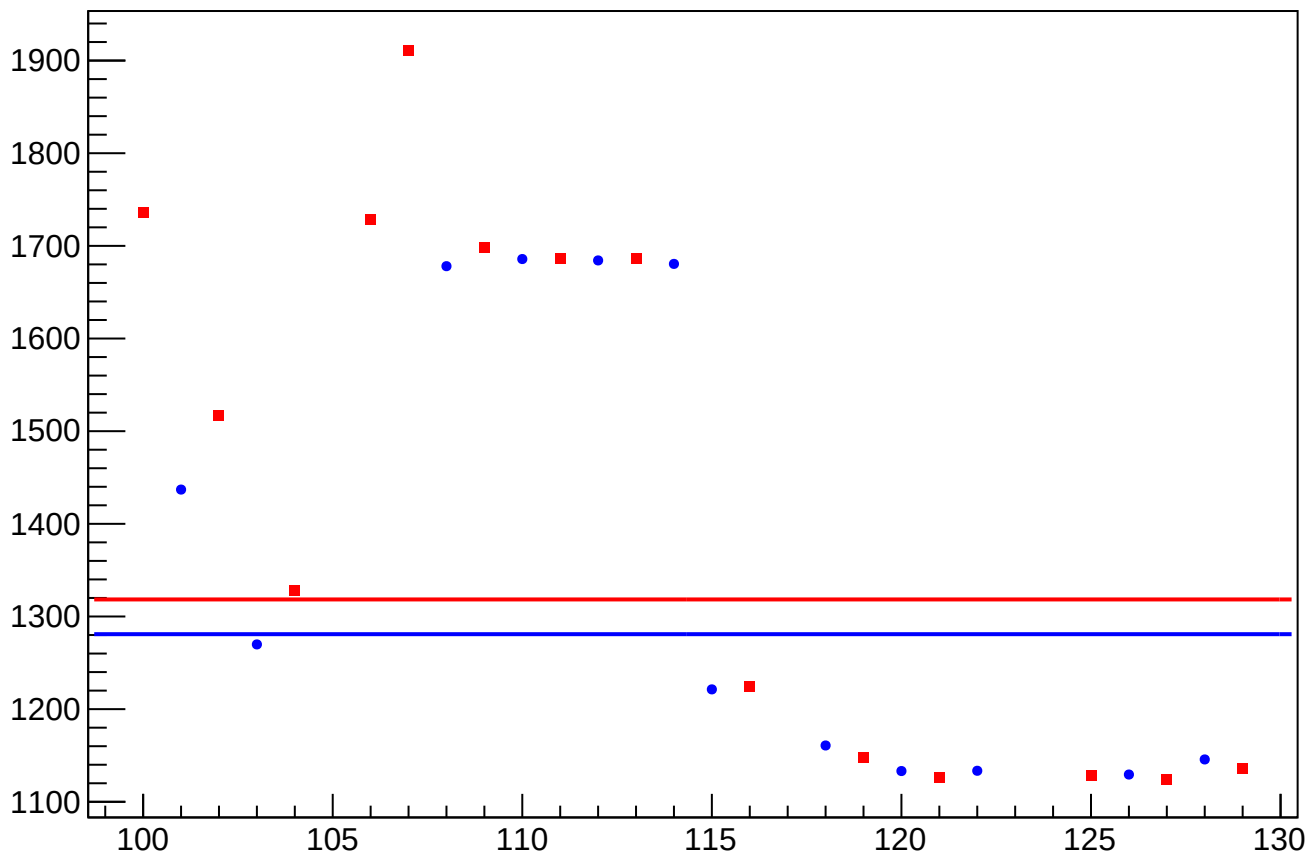
Right: 105.586+/-402.051 χ^2/NDF : 24.0/25

In: 75.634+/-579.038 χ^2/NDF : 5.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.586+/-402.051 χ^2/NDF : 24.0/25

cor_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1280.910+/-0.409 χ^2/NDF : 240764.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

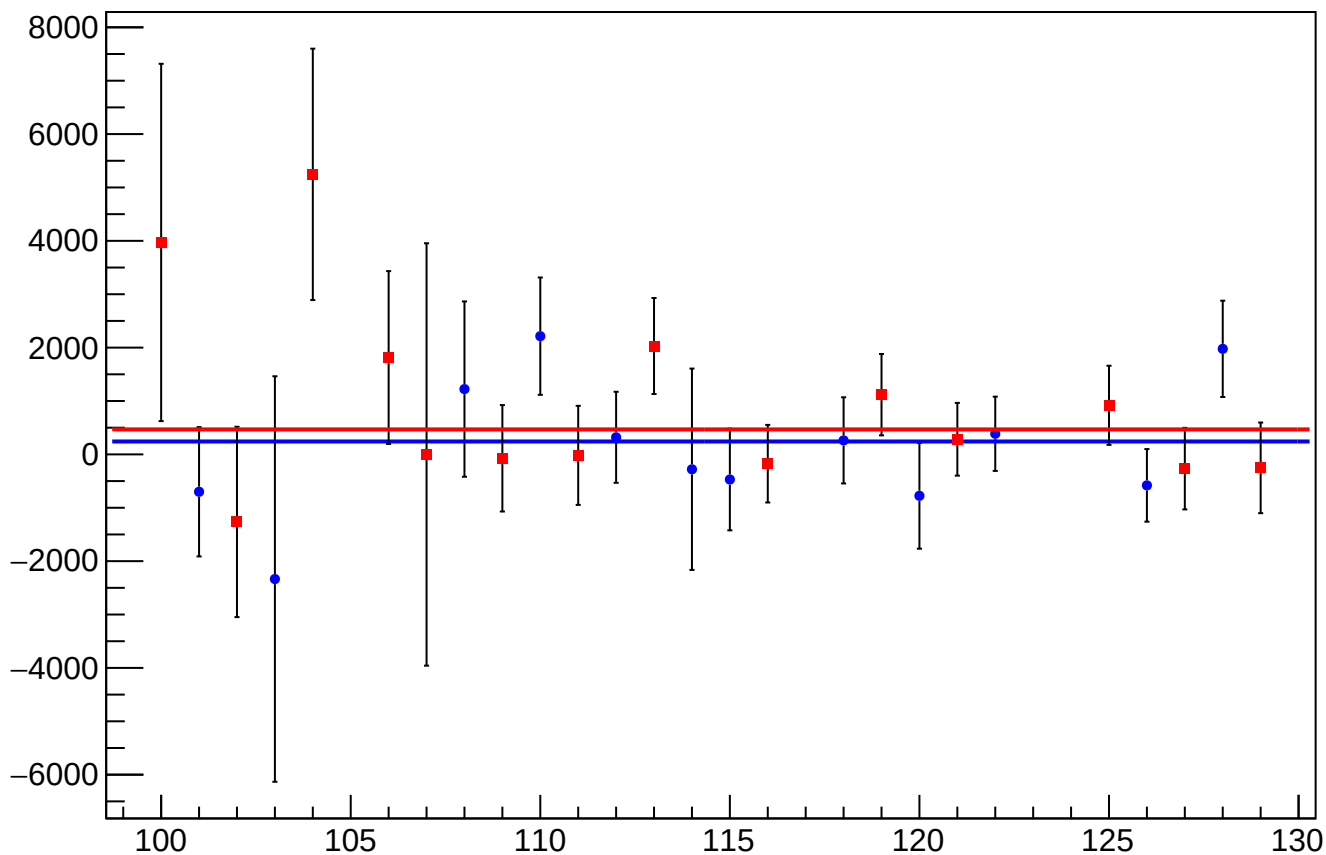
Right: 1300.325+/-0.284 χ^2/NDF : 624032.9/25

In: 1280.910+/-0.409 χ^2/NDF : 240764.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1300.325+/-0.284 χ^2/NDF : 624032.9/25

asym_usl_atl1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 241.851+/-280.359 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

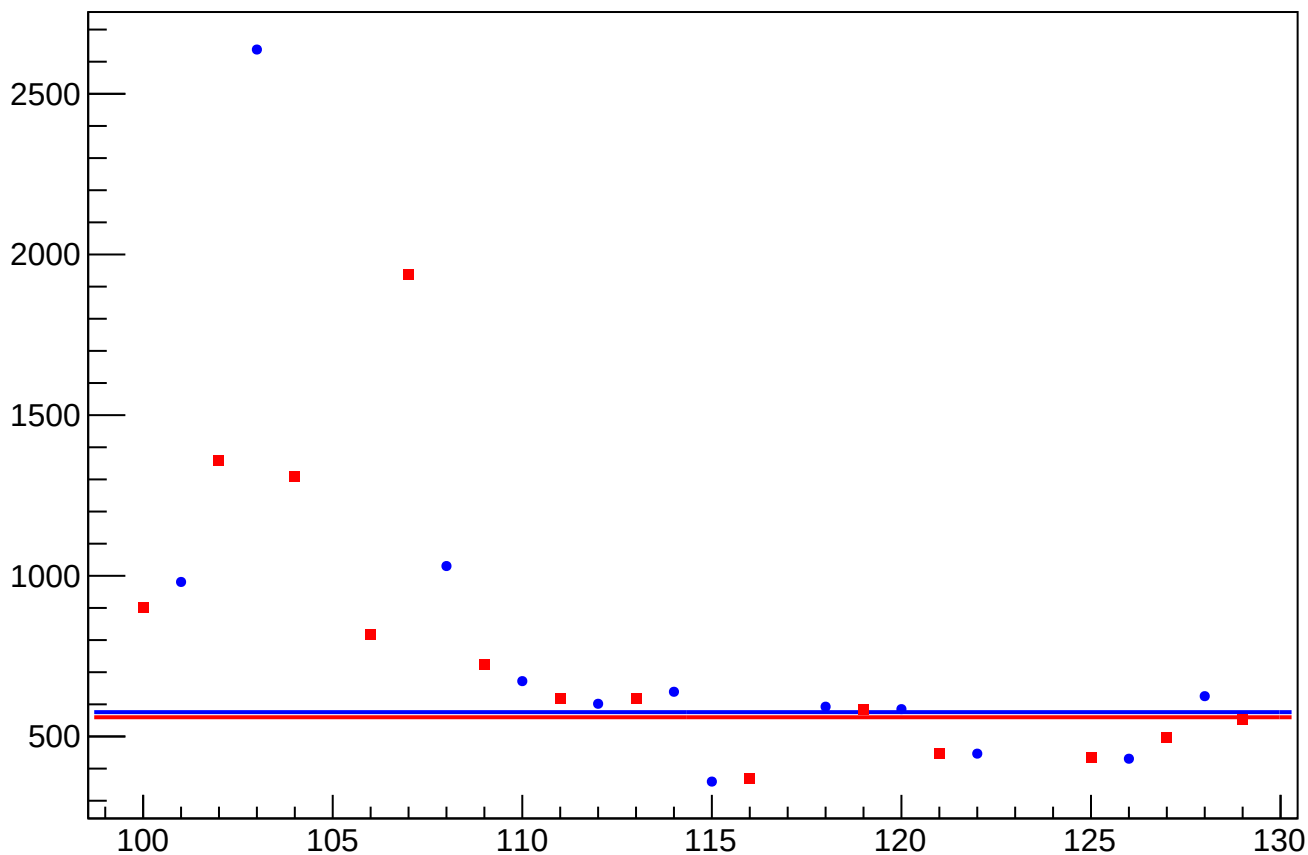
Right: 364.783+/-189.500 χ^2/NDF : 26.0/25

In: 241.851+/-280.359 χ^2/NDF : 11.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 364.783+/-189.500 χ^2/NDF : 26.0/25

asym_usl_atl1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 575.701+/-0.198 χ^2/NDF : 1256225.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

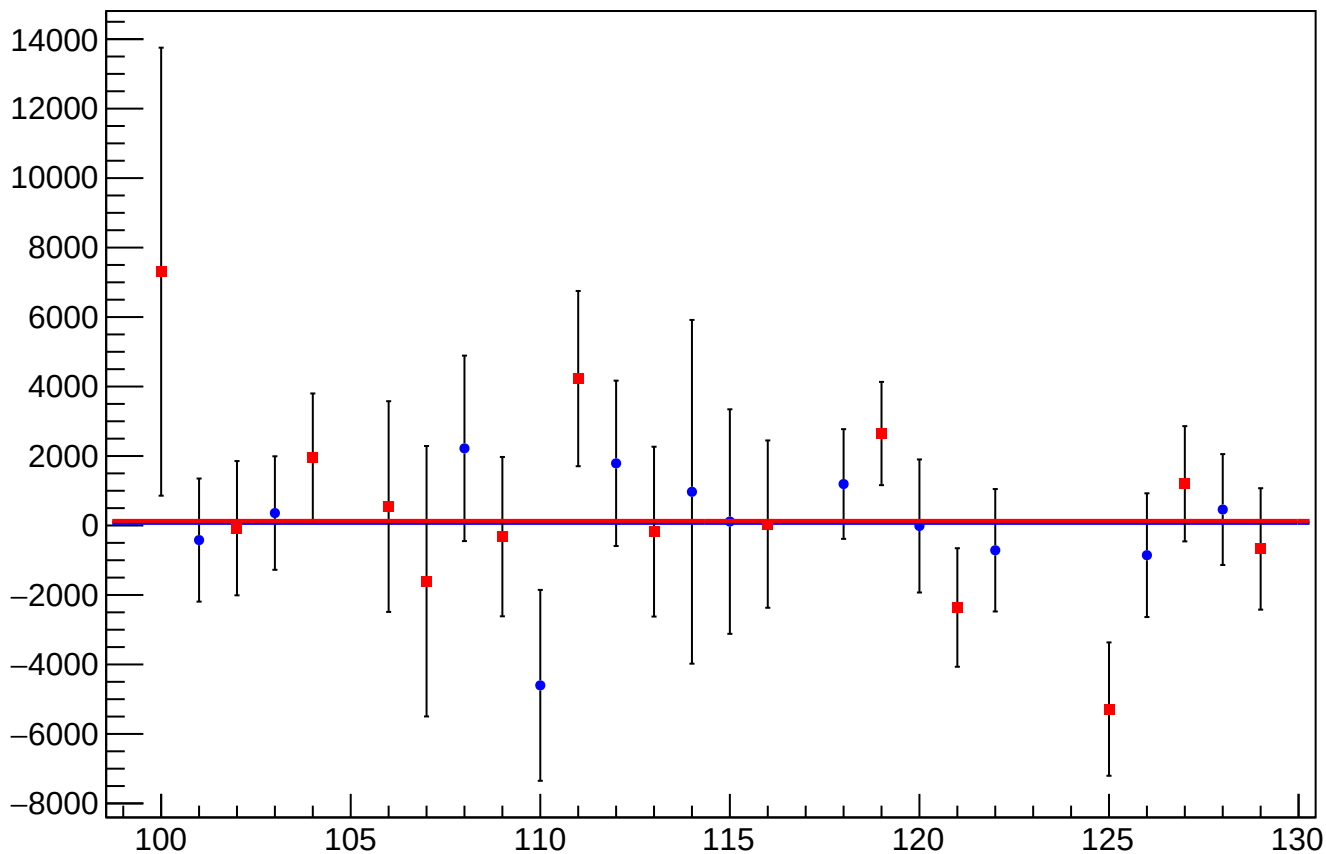
Right: 567.064+/-0.134 χ^2/NDF : 2514675.7/25

In: 575.701+/-0.198 χ^2/NDF : 1256225.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 567.064+/-0.134 χ^2/NDF : 2514675.7/25

eigen_cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 75.634+/-579.038 χ^2/NDF : 5.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

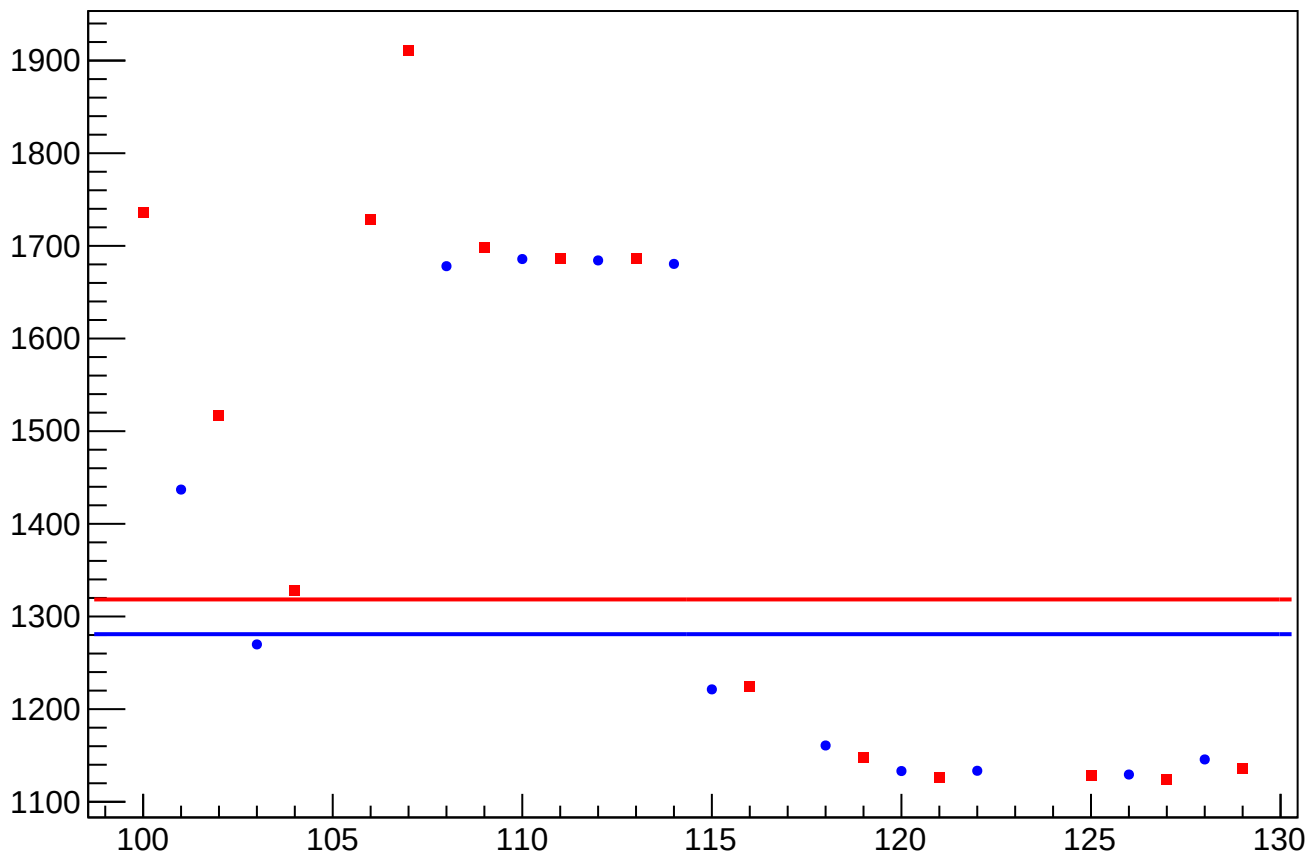
Right: 105.586+/-402.051 χ^2/NDF : 24.0/25

In: 75.634+/-579.038 χ^2/NDF : 5.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.586+/-402.051 χ^2/NDF : 24.0/25

eigen_cor_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1280.910+/-0.409 χ^2/NDF : 240764.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

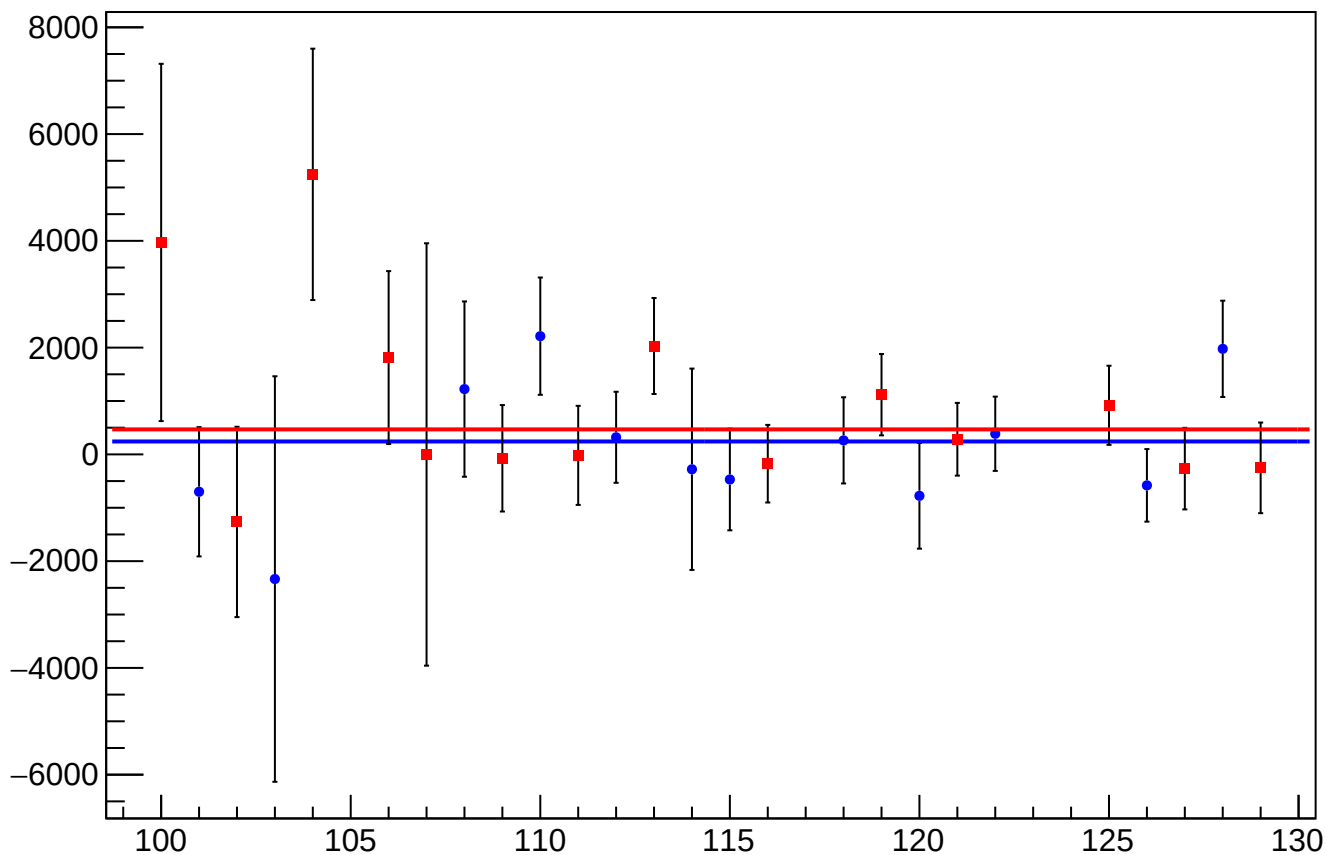
Right: 1300.325+/-0.284 χ^2/NDF : 624032.9/25

In: 1280.910+/-0.409 χ^2/NDF : 240764.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1300.325+/-0.284 χ^2/NDF : 624032.9/25

asym_usl_atl1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 241.851+/-280.359 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

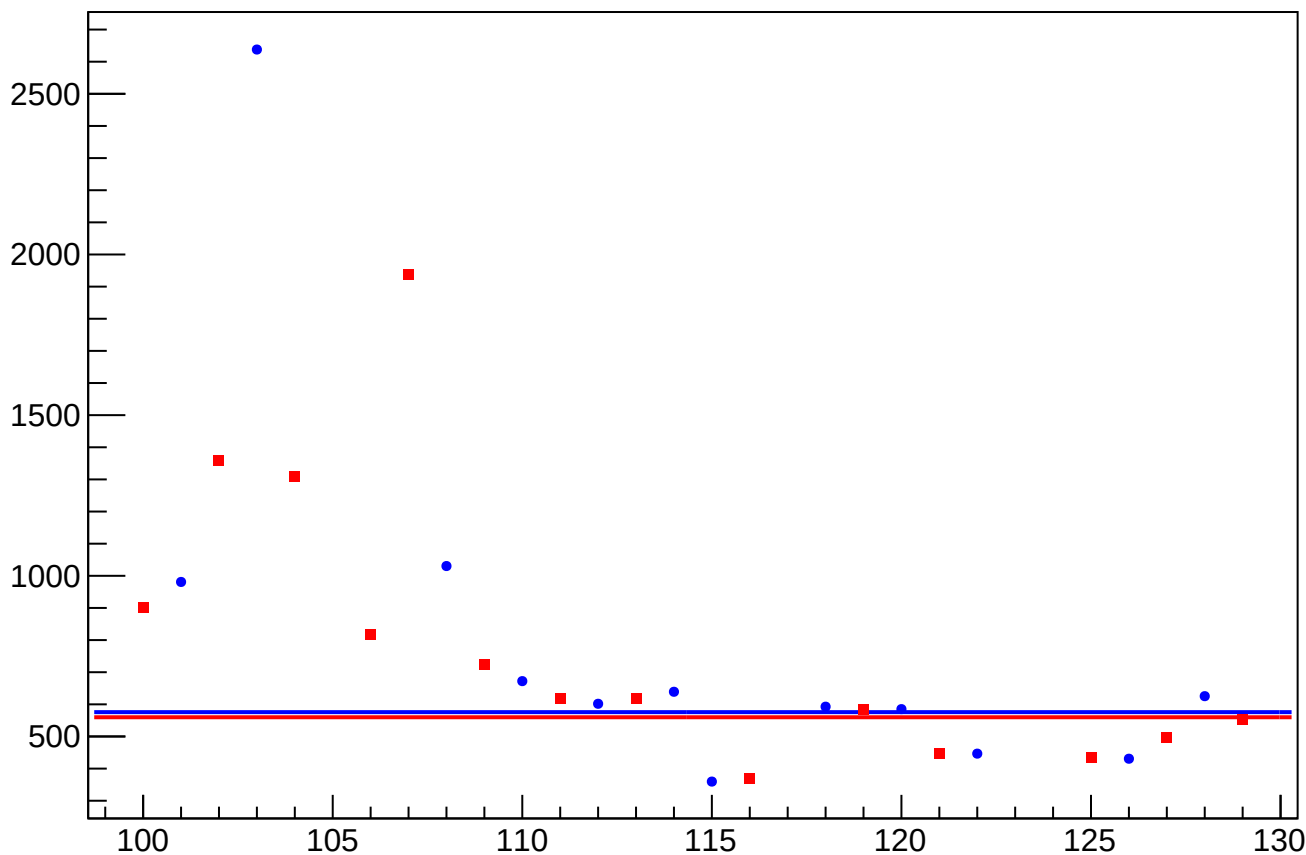
Right: 364.783+/-189.500 χ^2/NDF : 26.0/25

In: 241.851+/-280.359 χ^2/NDF : 11.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 364.783+/-189.500 χ^2/NDF : 26.0/25

asym_usl_atl1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 575.701+/-0.198 χ^2/NDF : 1256225.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

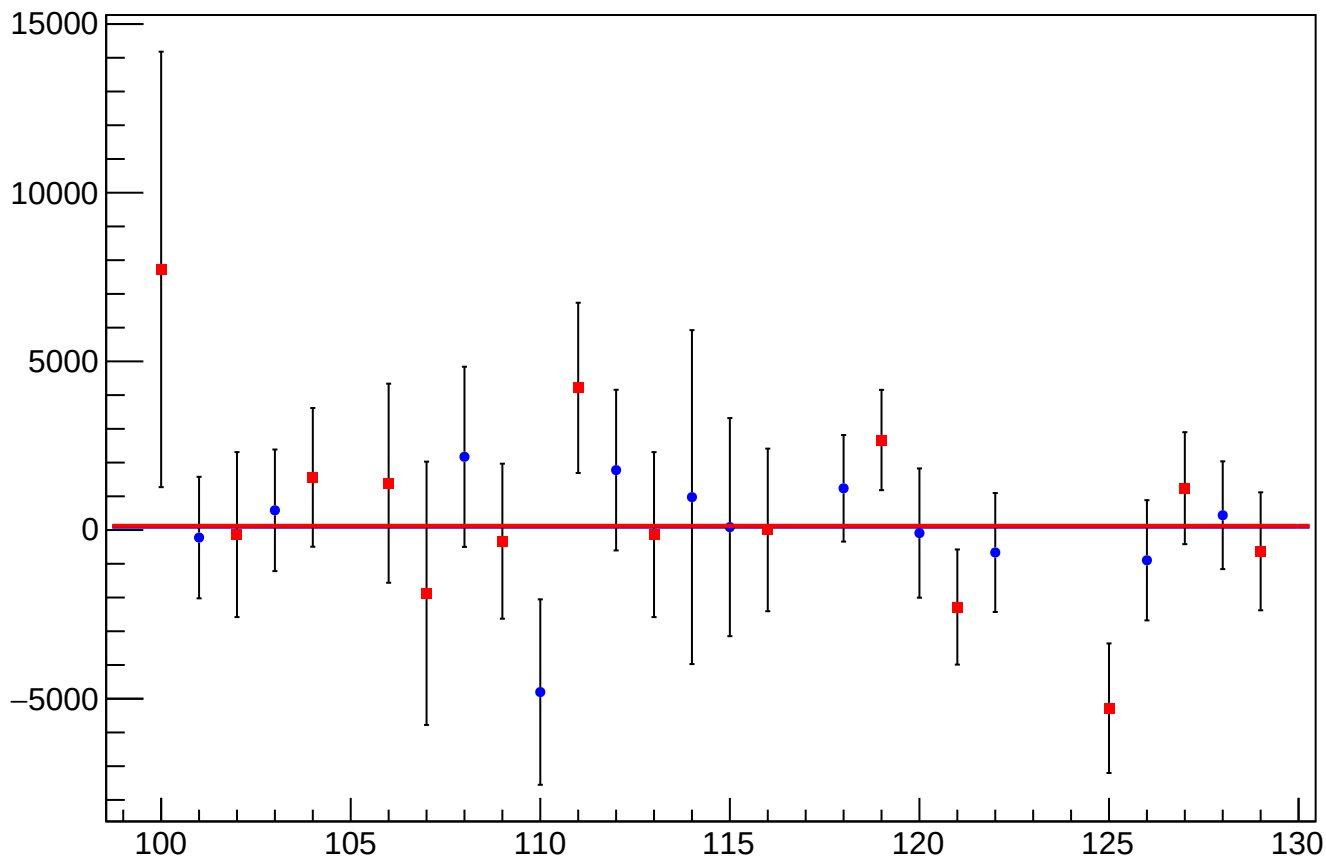
Right: 567.064+/-0.134 χ^2/NDF : 2514675.7/25

In: 575.701+/-0.198 χ^2/NDF : 1256225.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 567.064+/-0.134 χ^2/NDF : 2514675.7/25

dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 99.585 $\pm$ 586.925 χ^2 /NDF: 5.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 125.535 $\pm$ 572.527 χ^2 /NDF: 18.5/13

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

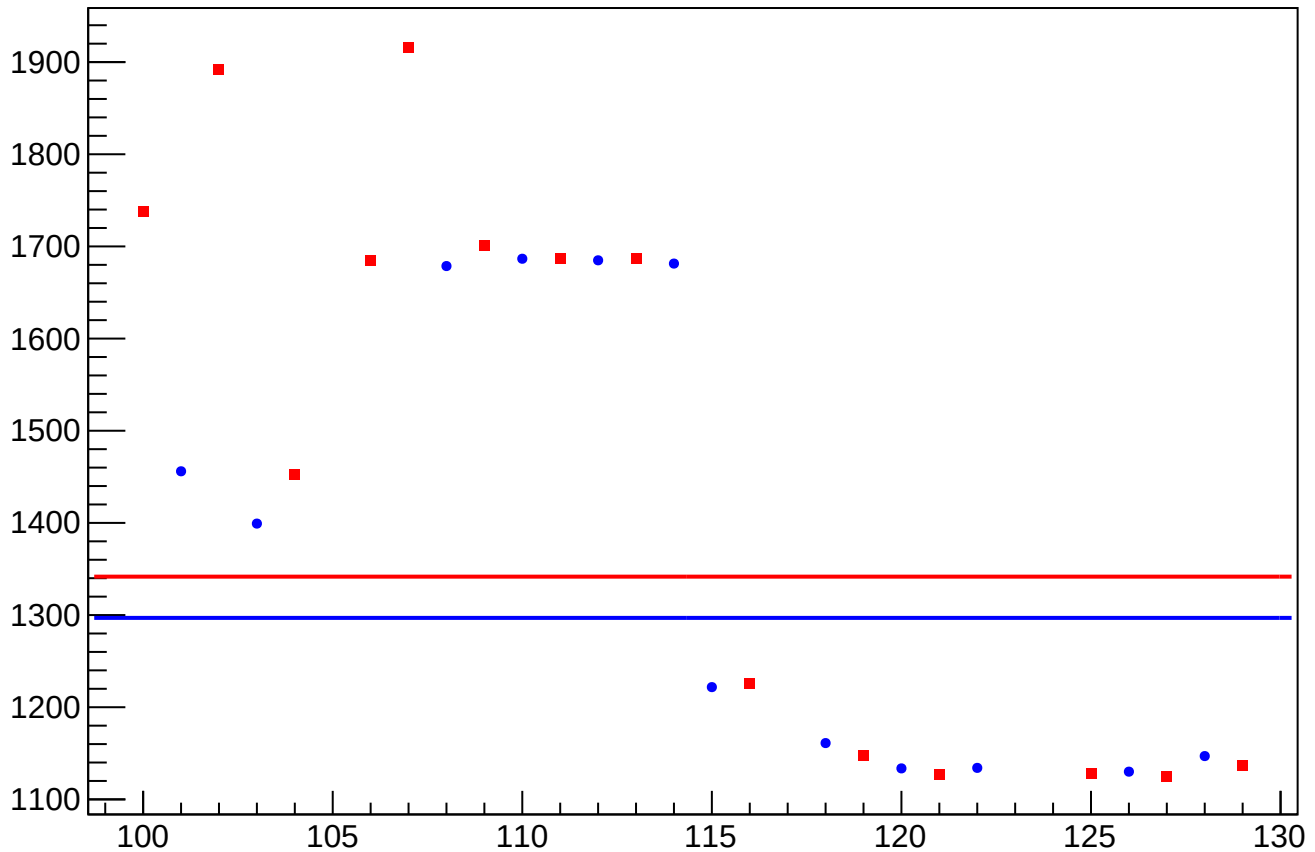
Right: 112.882 $\pm$ 409.833 χ^2 /NDF: 24.0/25

In: 99.585 $\pm$ 586.925 χ^2 /NDF:5.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 112.882 $\pm$ 409.833 χ^2 /NDF: 24.0/25

dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1296.935+/-0.415 χ^2/NDF : 250864.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

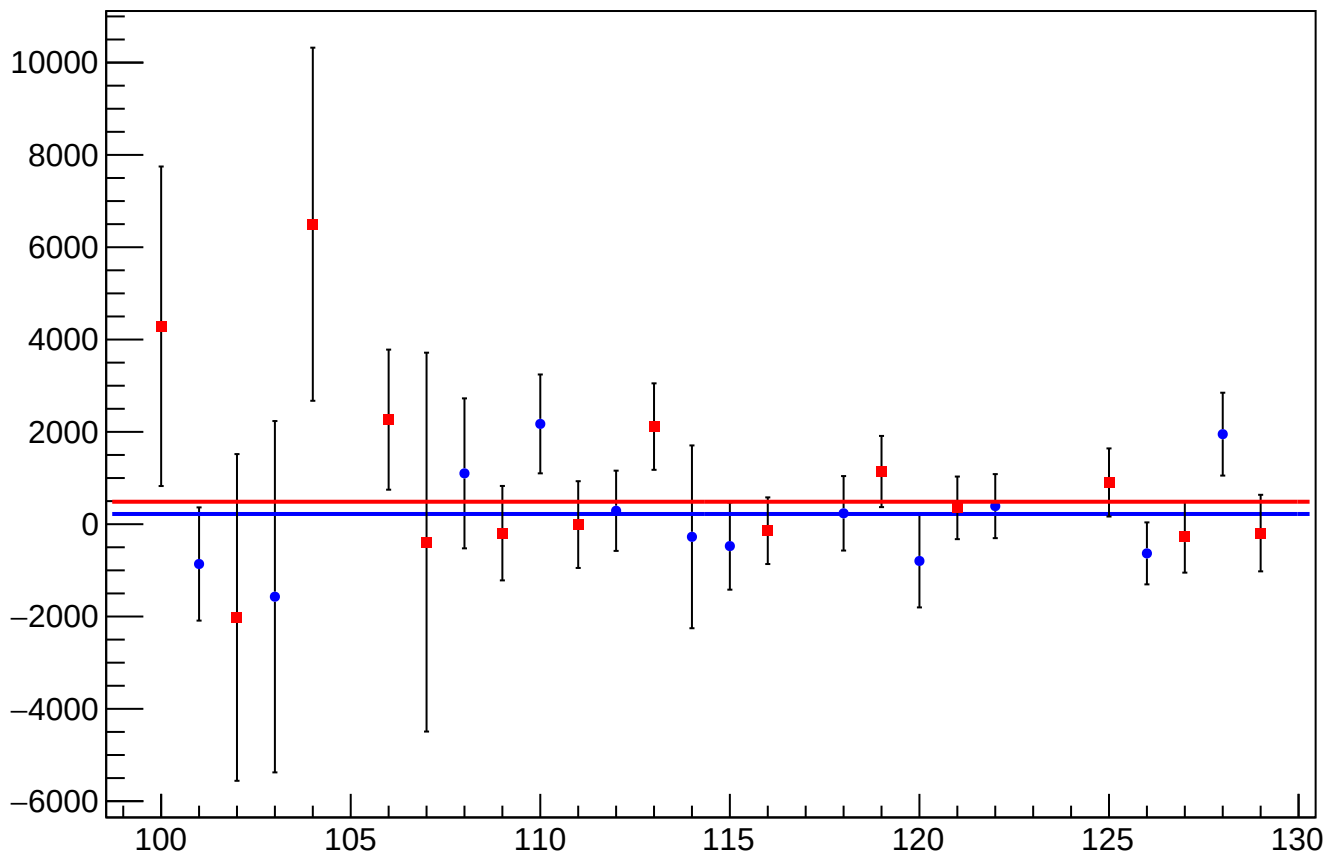
Right: 1319.868+/-0.290 χ^2/NDF : 724590.6/25

In: 1296.935+/-0.415 χ^2/NDF : 250864.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1319.868+/-0.290 χ^2/NDF : 724590.6/25

asym_usl_atl1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 221.334+/-280.095 χ^2/NDF : 11.6/11

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

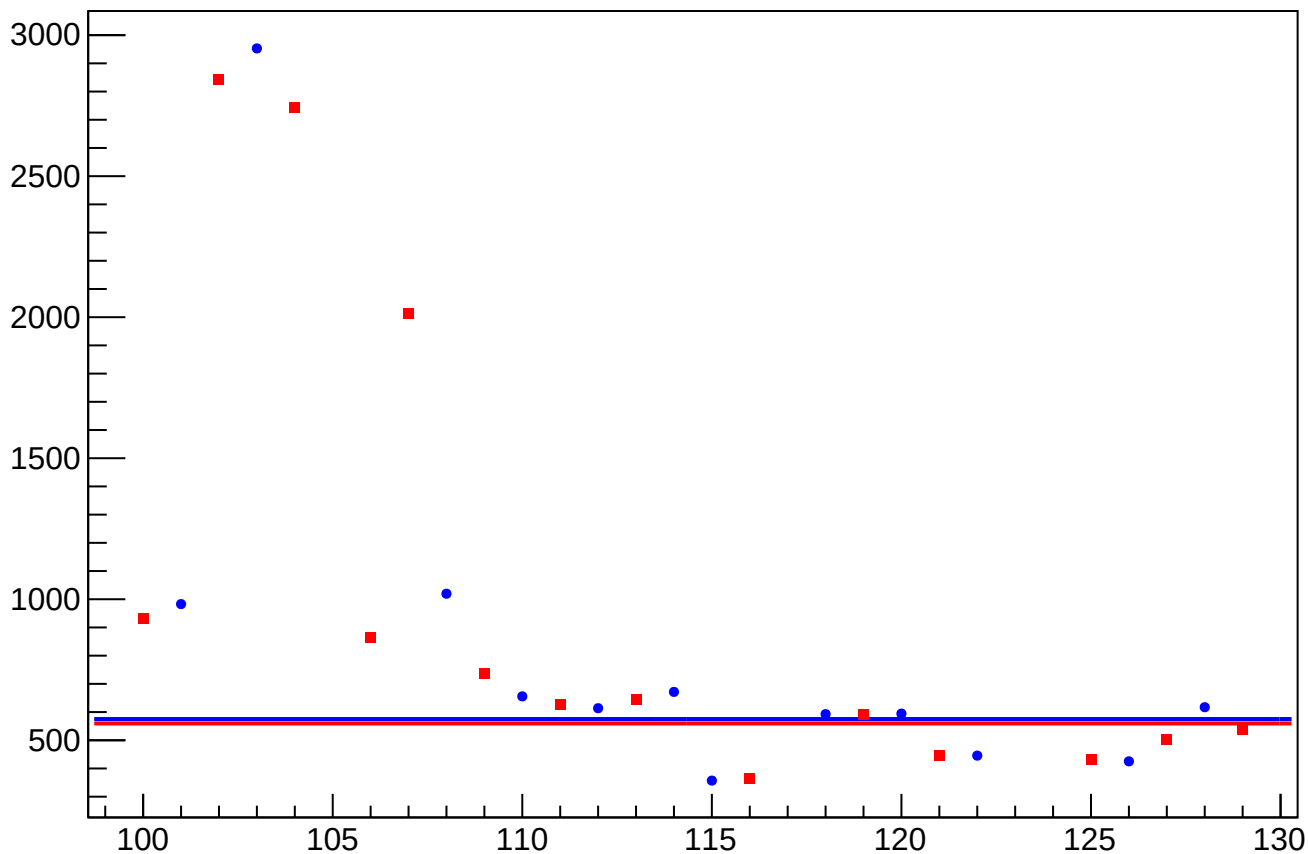
Right: 363.390+/-190.885 χ^2/NDF : 24.9/25

In: 221.334+/-280.095 χ^2/NDF : 11.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 363.390+/-190.885 χ^2/NDF : 24.9/25

asym_usl_atl1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 575.269+/-0.198 χ^2/NDF : 1453410.9/11

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

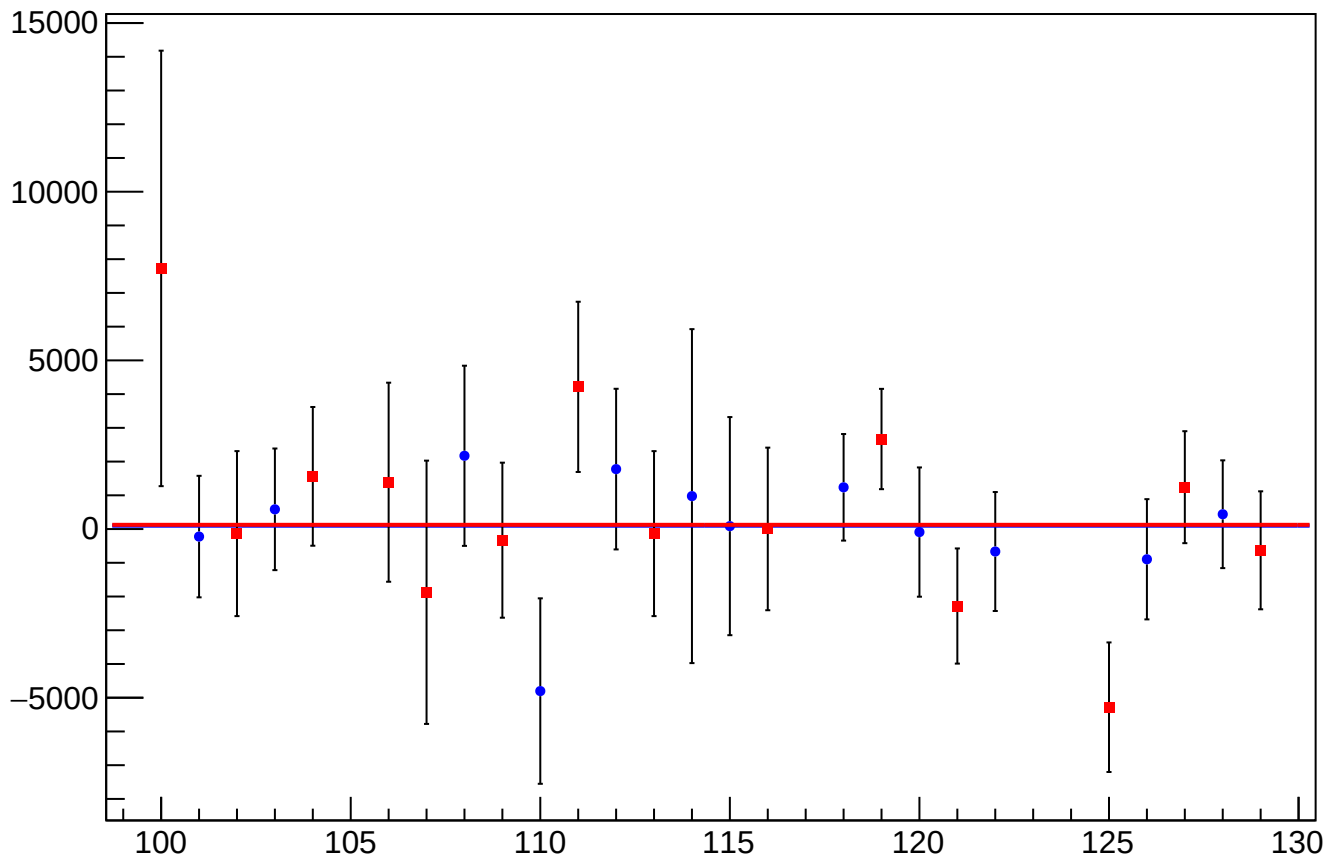
Right: 566.885+/-0.135 χ^2/NDF : 3659699.0/25

In: 575.269+/-0.198 χ^2/NDF : 1453410.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 566.885+/-0.135 χ^2/NDF : 3659699.0/25

eigen_dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 99.587+/-586.925 χ^2/NDF : 5.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

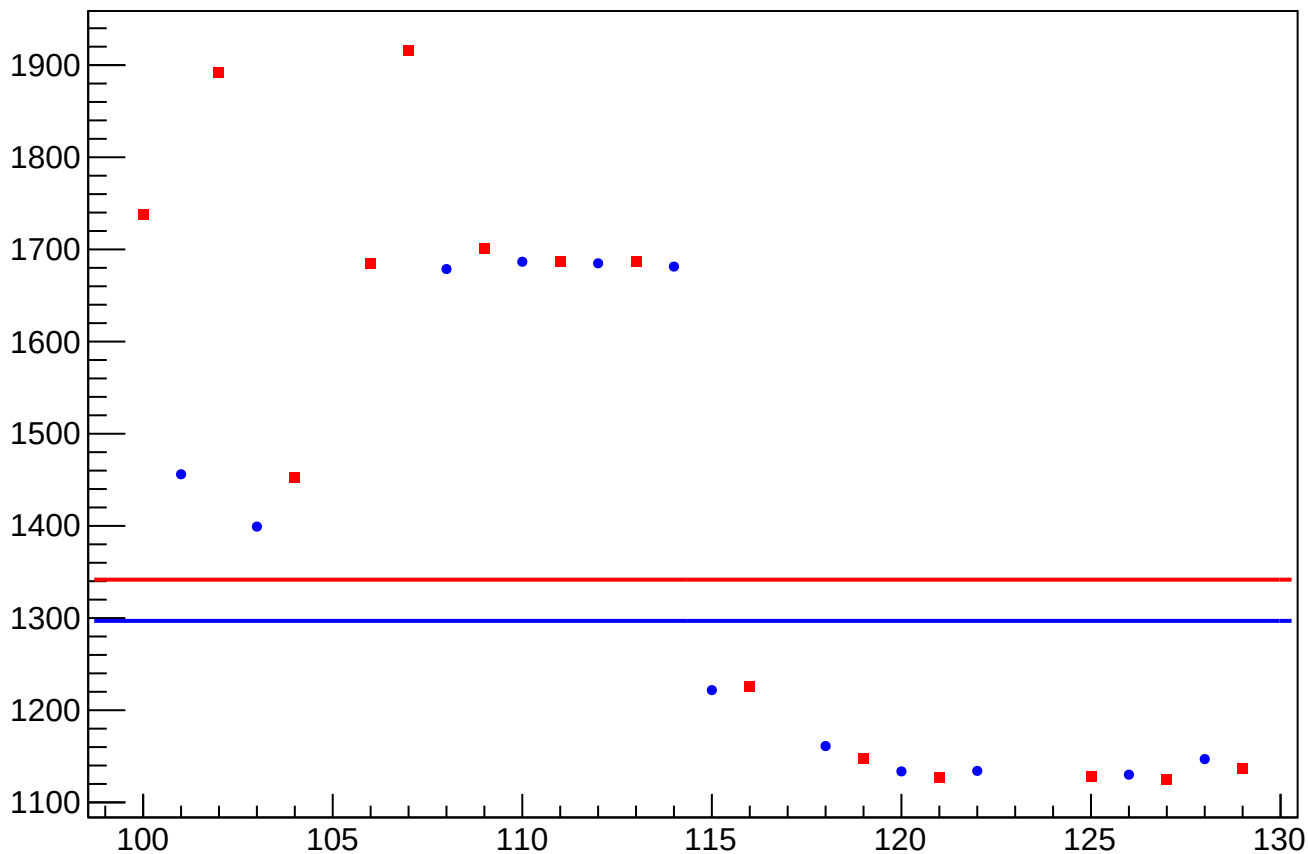
Right: 112.883+/-409.833 χ^2/NDF : 24.0/25

In: 99.587+/-586.925 χ^2/NDF : 5.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.883+/-409.833 χ^2/NDF : 24.0/25

eigen_dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1296.935+/-0.415 χ^2/NDF : 250863.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

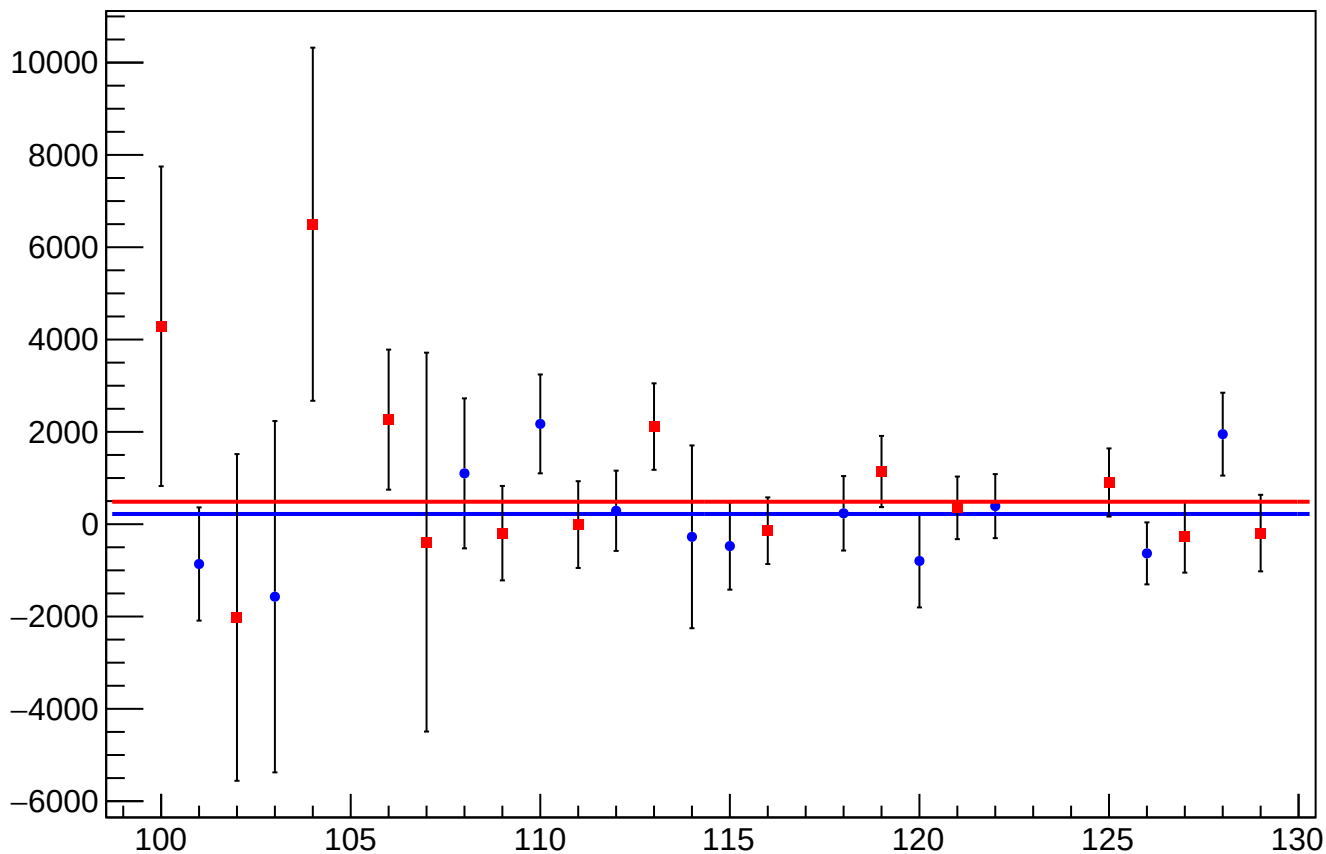
Right: 1319.868+/-0.290 χ^2/NDF : 724589.9/25

In: 1296.935+/-0.415 χ^2/NDF : 250863.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1319.868+/-0.290 χ^2/NDF : 724589.9/25

asym_usl_atl1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 221.334+/-280.095 χ^2/NDF : 11.6/11

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

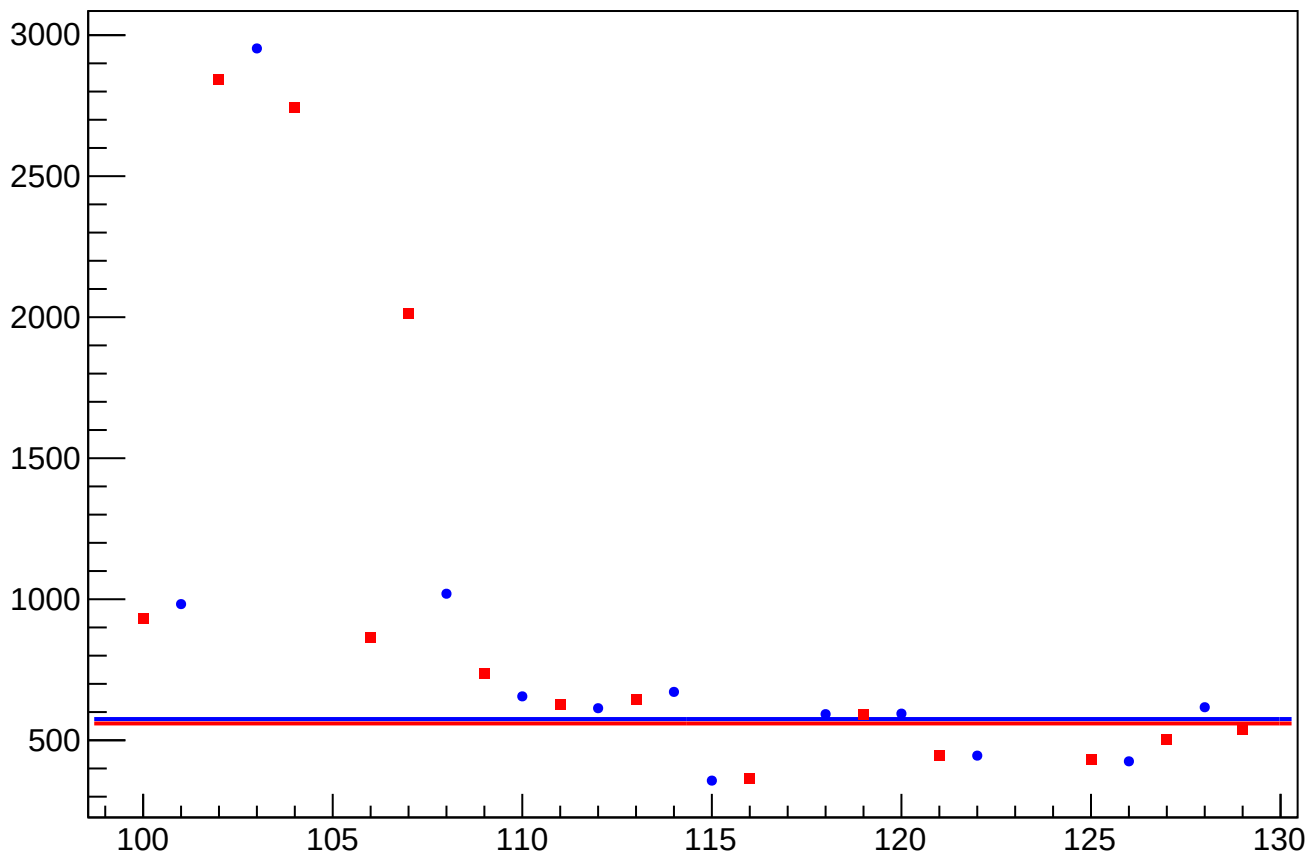
Right: 363.391+/-190.885 χ^2/NDF : 24.9/25

In: 221.334+/-280.095 χ^2/NDF :11.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 363.391+/-190.885 χ^2/NDF : 24.9/25

asym_usl_atl1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 575.269+/-0.198 χ^2/NDF : 1453408.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

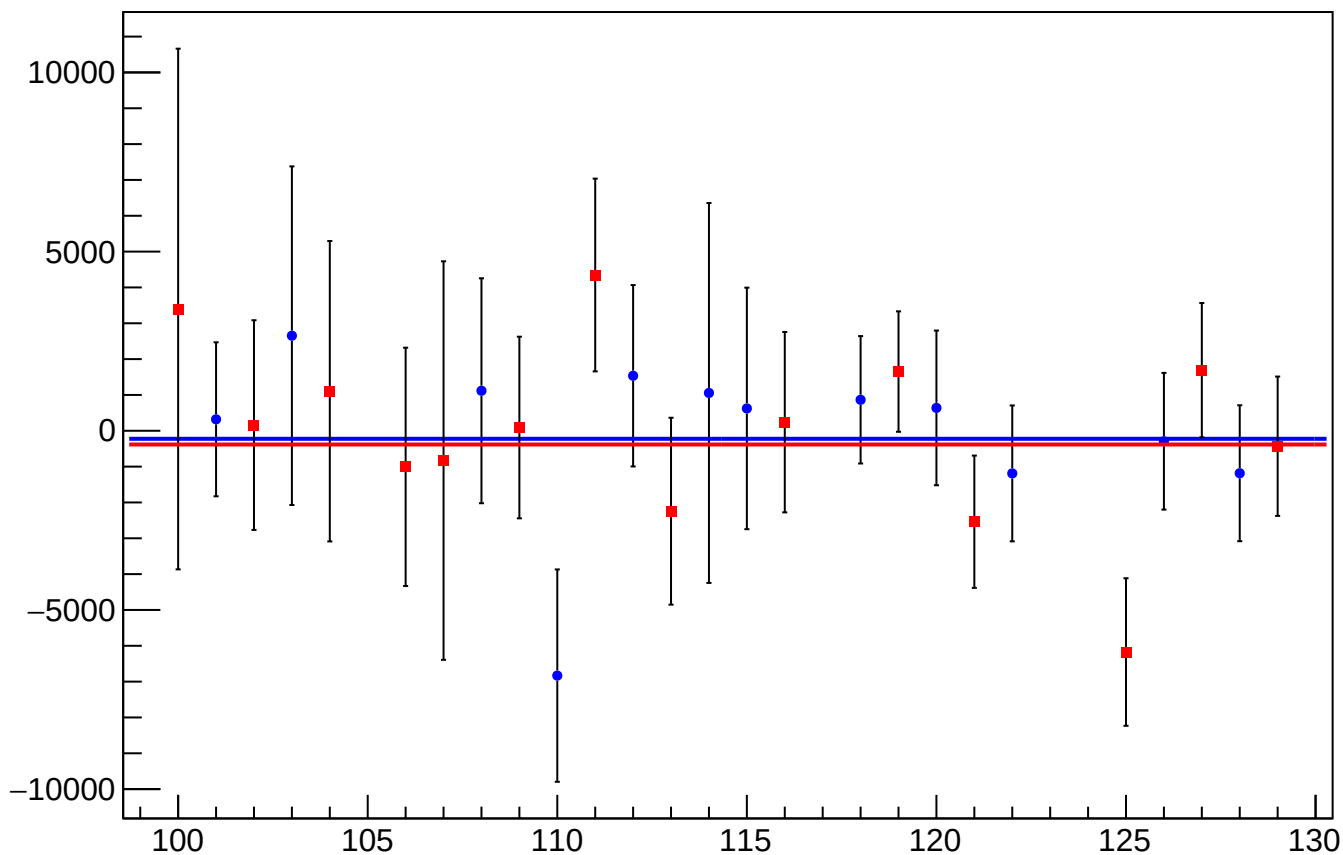
Right: 566.885+/-0.135 χ^2/NDF : 3659697.2/25

In: 575.269+/-0.198 χ^2/NDF :1453408.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 566.885+/-0.135 χ^2/NDF : 3659697.2/25

asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -223.748+/-687.041 χ^2/NDF : 7.2/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

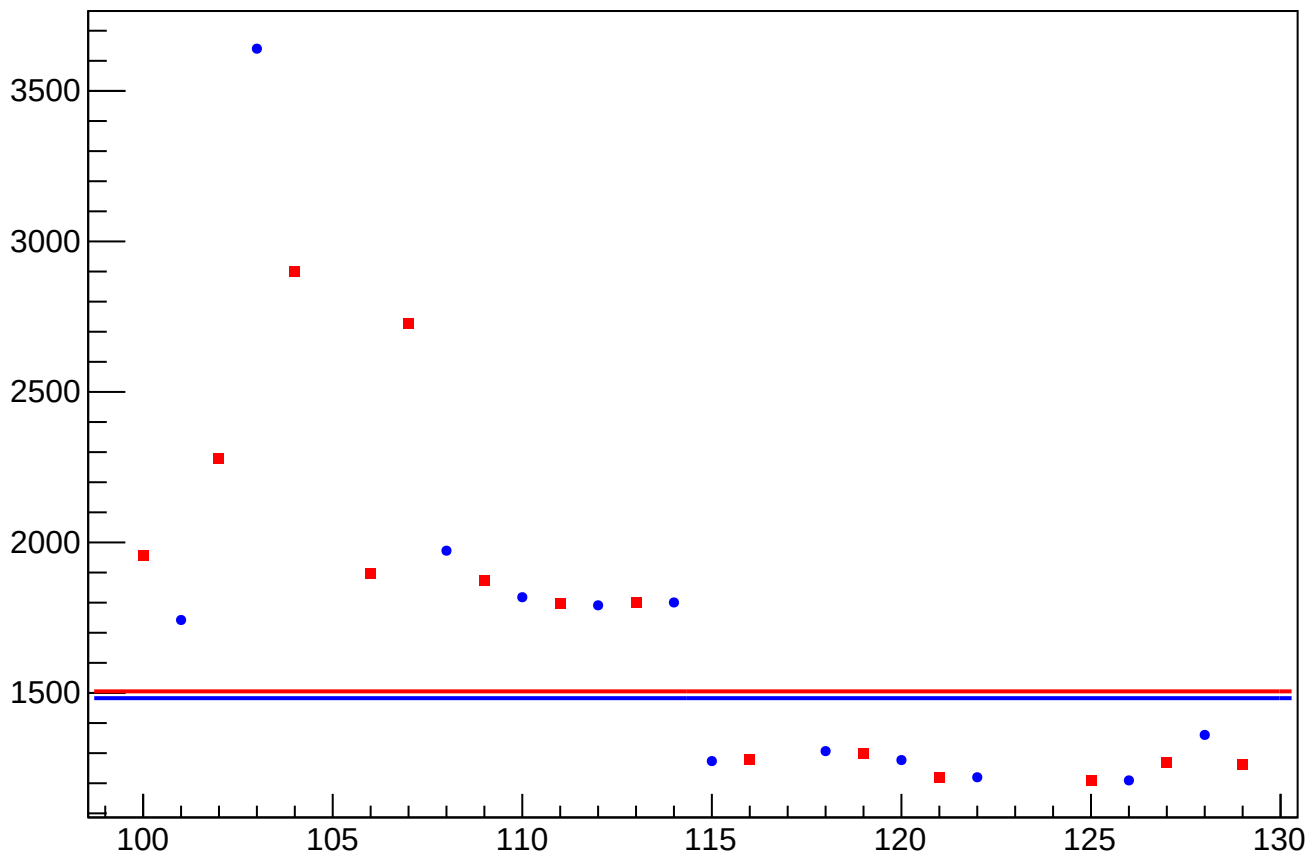
Right: -307.338+/-473.227 χ^2/NDF : 23.4/25

In: -223.748+/-687.041 χ^2/NDF :7.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -307.338+/-473.227 χ^2/NDF : 23.4/25

asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1482.655+/-0.486 χ^2/NDF : 690726.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

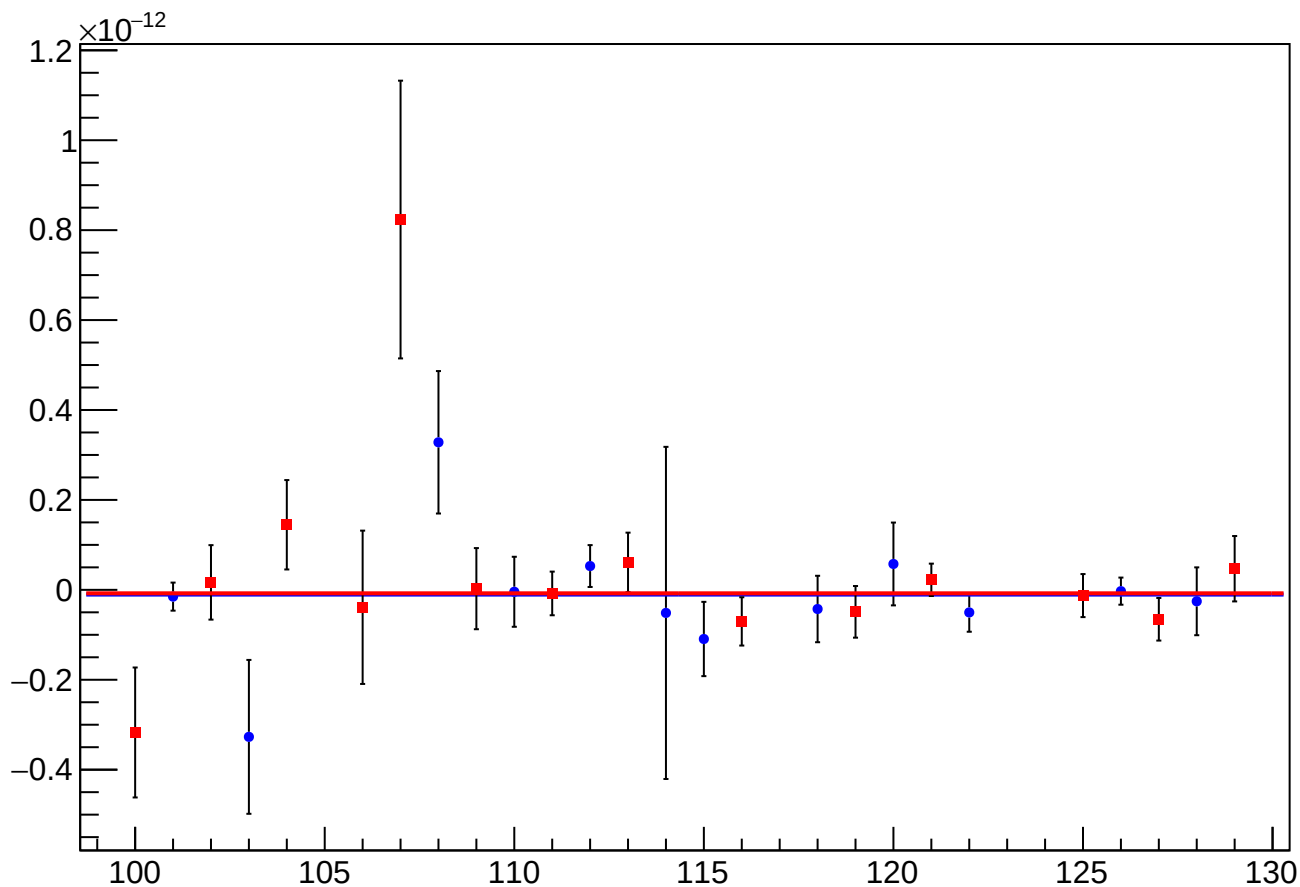
Right: 1494.552+/-0.335 χ^2/NDF : 1475606.2/25

In: 1482.655+/-0.486 χ^2/NDF : 690726.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1494.552+/-0.335 χ^2/NDF : 1475606.2/25

asym_usl_atl1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 13.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 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

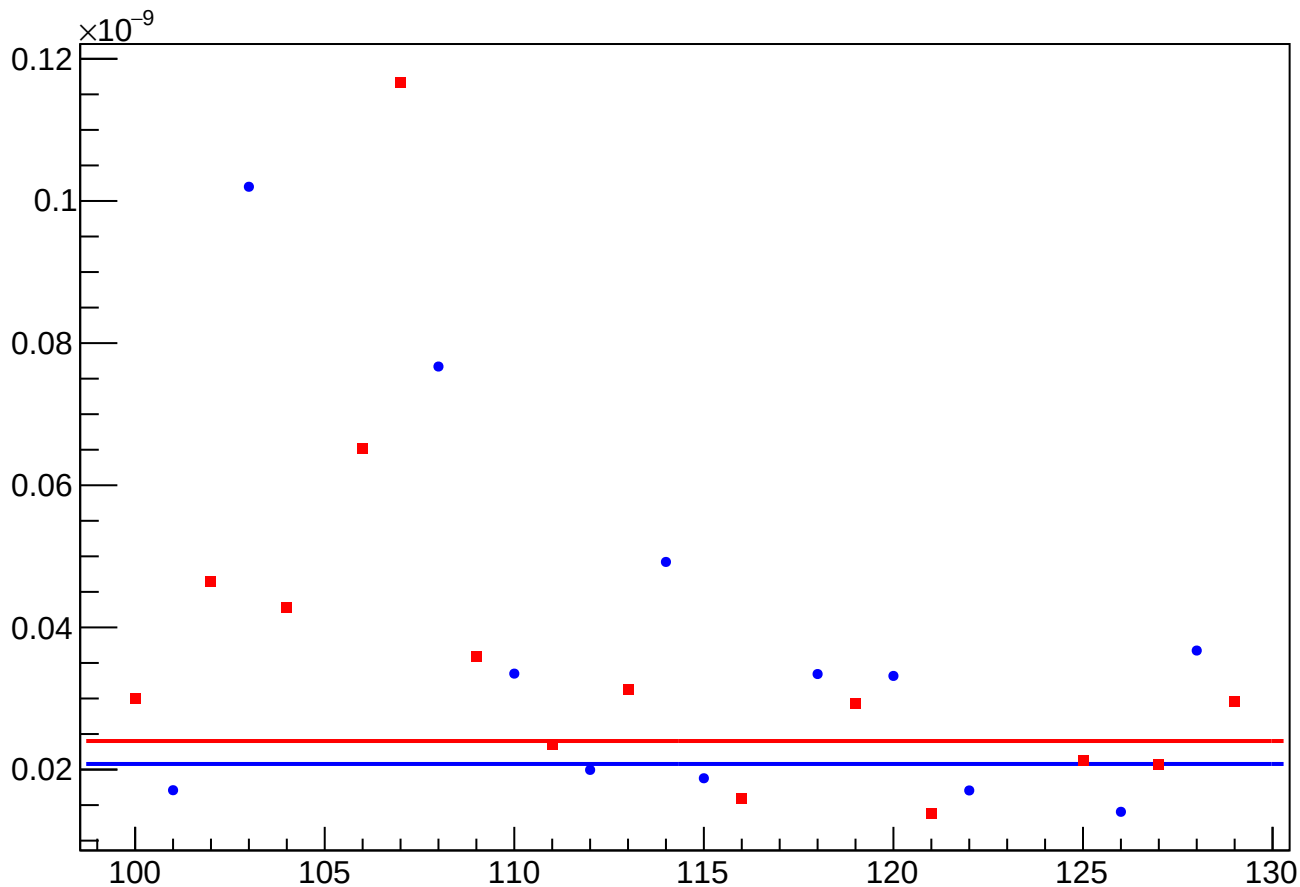
Right: -0.000+/-0.000 χ^2 /NDF: 33.0/25

In: -0.000+/-0.000 χ^2 /NDF:13.0/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 33.0/25

asym_usl_atl1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1093656.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

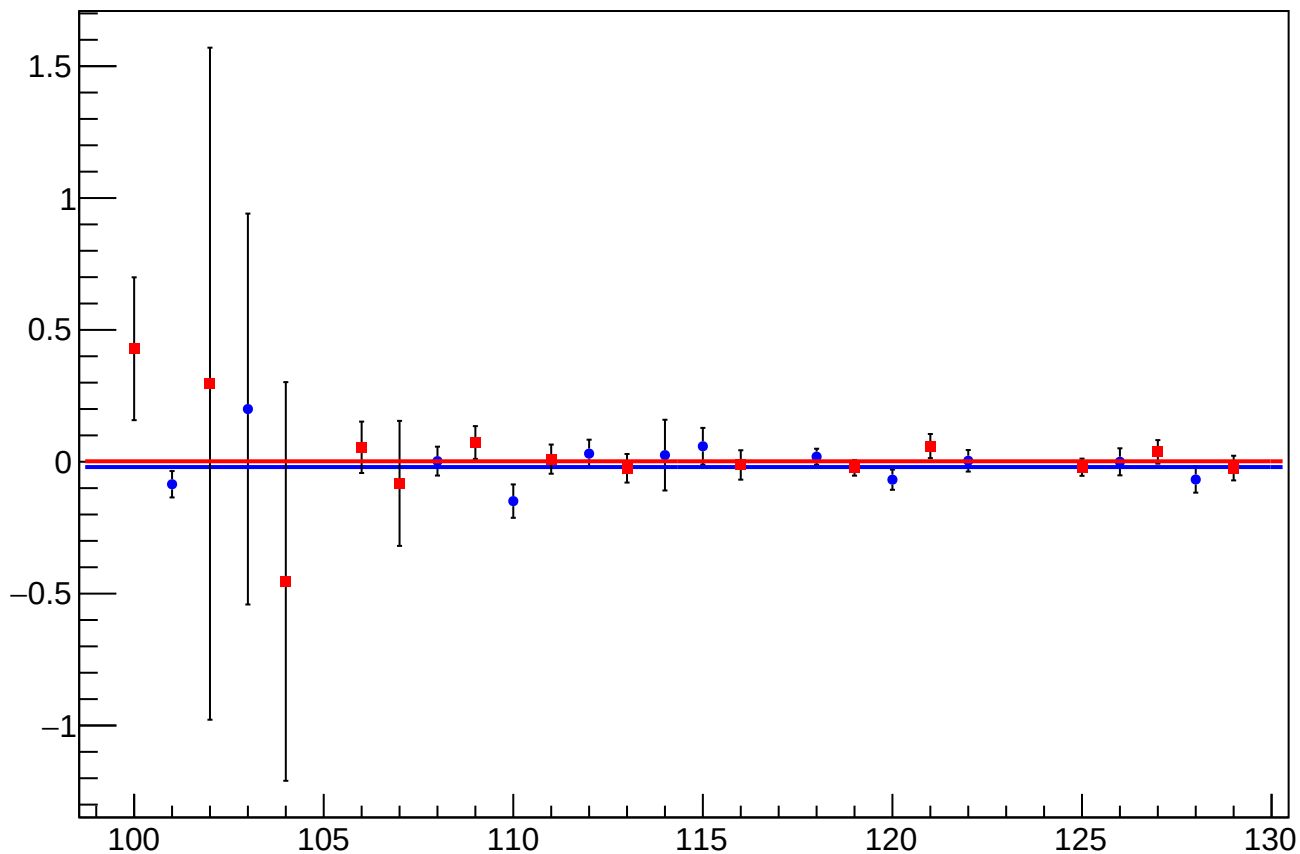
Right: 0.000+/-0.000 χ^2/NDF : 1961160.6/25

In: 0.000+/-0.000 χ^2/NDF : 1093656.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1961160.6/25

asym_usl_atl1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.015 χ^2/NDF : 13.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-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

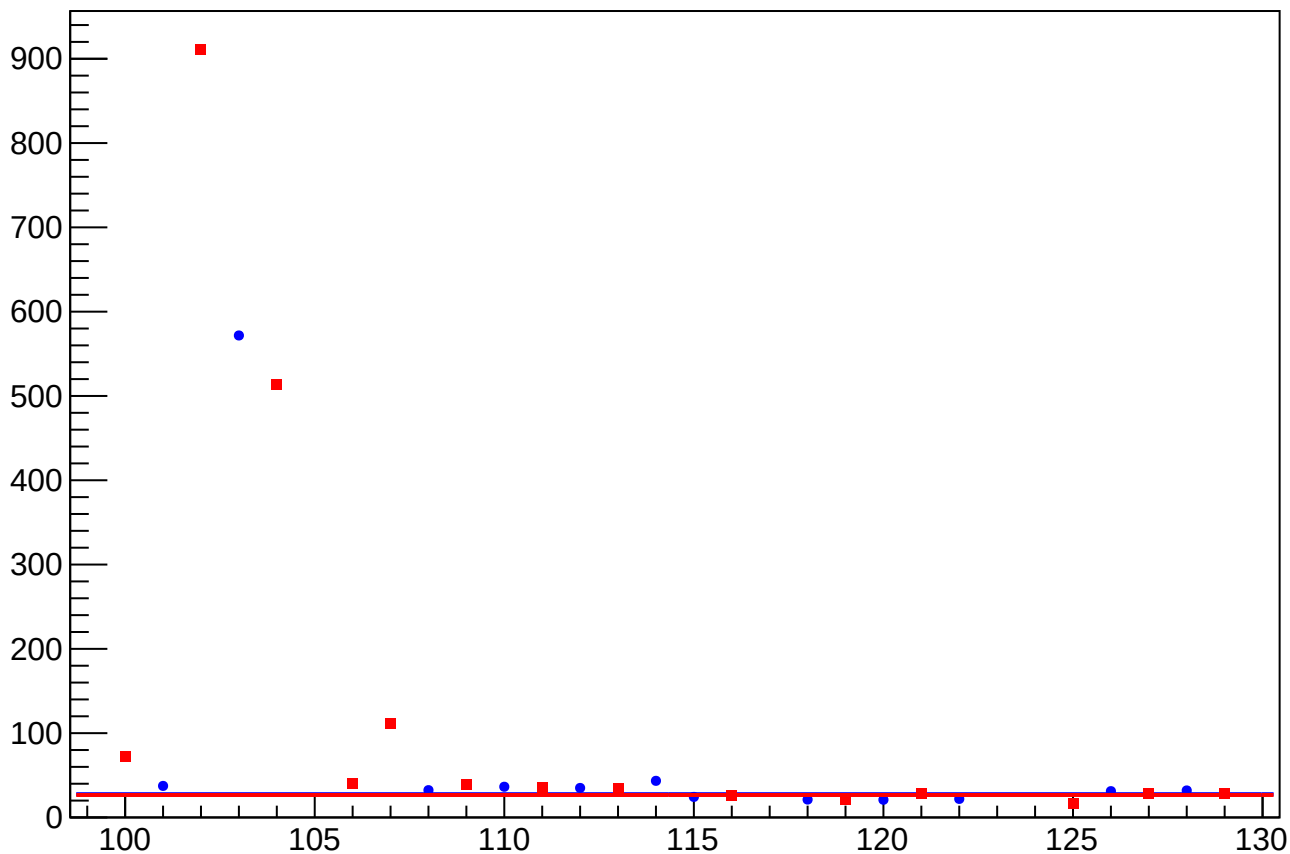
Right: -0.009+/-0.010 χ^2/NDF : 22.9/25

In: -0.020+/-0.015 χ^2/NDF : 13.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.010 χ^2/NDF : 22.9/25

asym_usl_atl1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.598+/-0.010 χ^2/NDF : 1490131.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.661+/-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

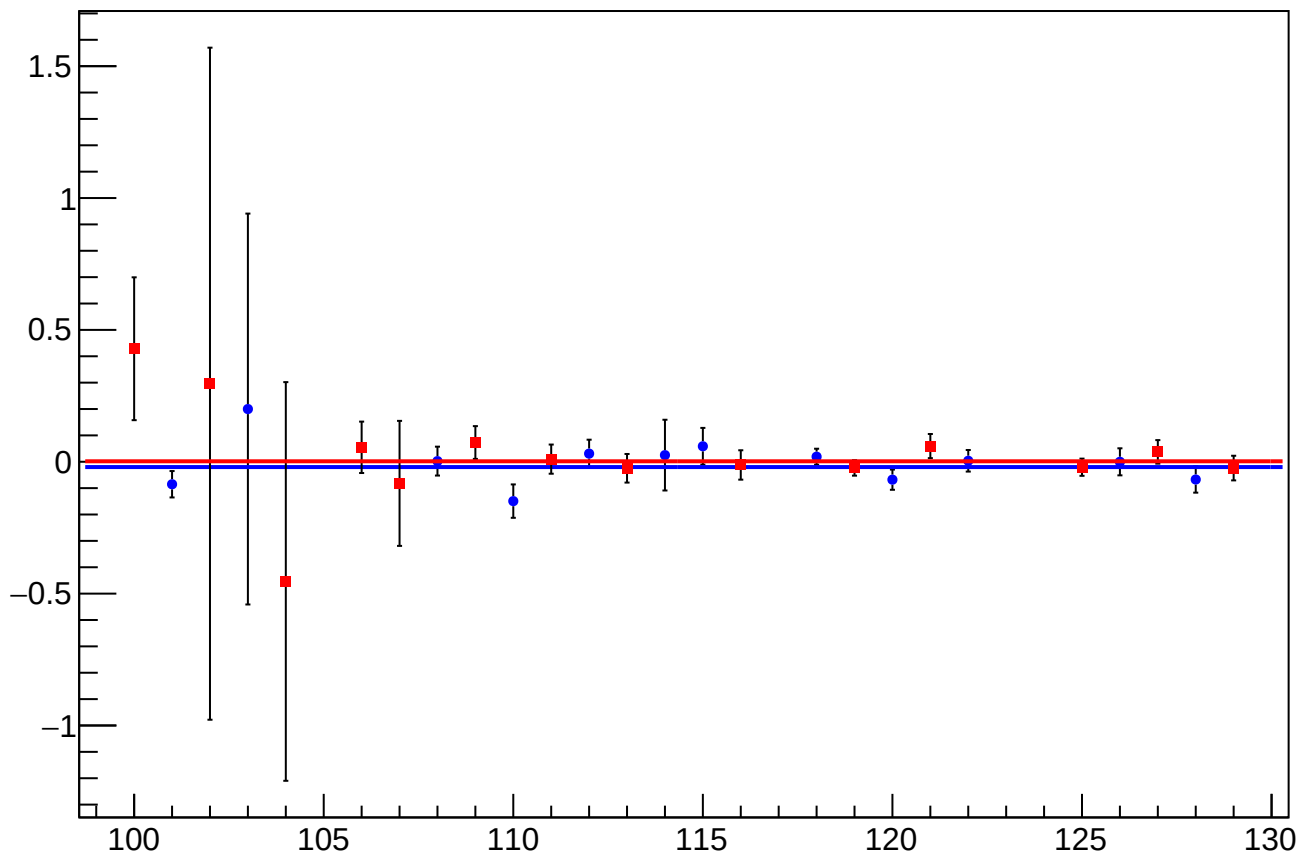
Right: 27.121+/-0.007 χ^2/NDF : 4073134.1/25

In: 27.598+/-0.010 χ^2/NDF : 1490131.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.121+/-0.007 χ^2/NDF : 4073134.1/25

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.015 χ^2/NDF : 13.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.002 ± 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

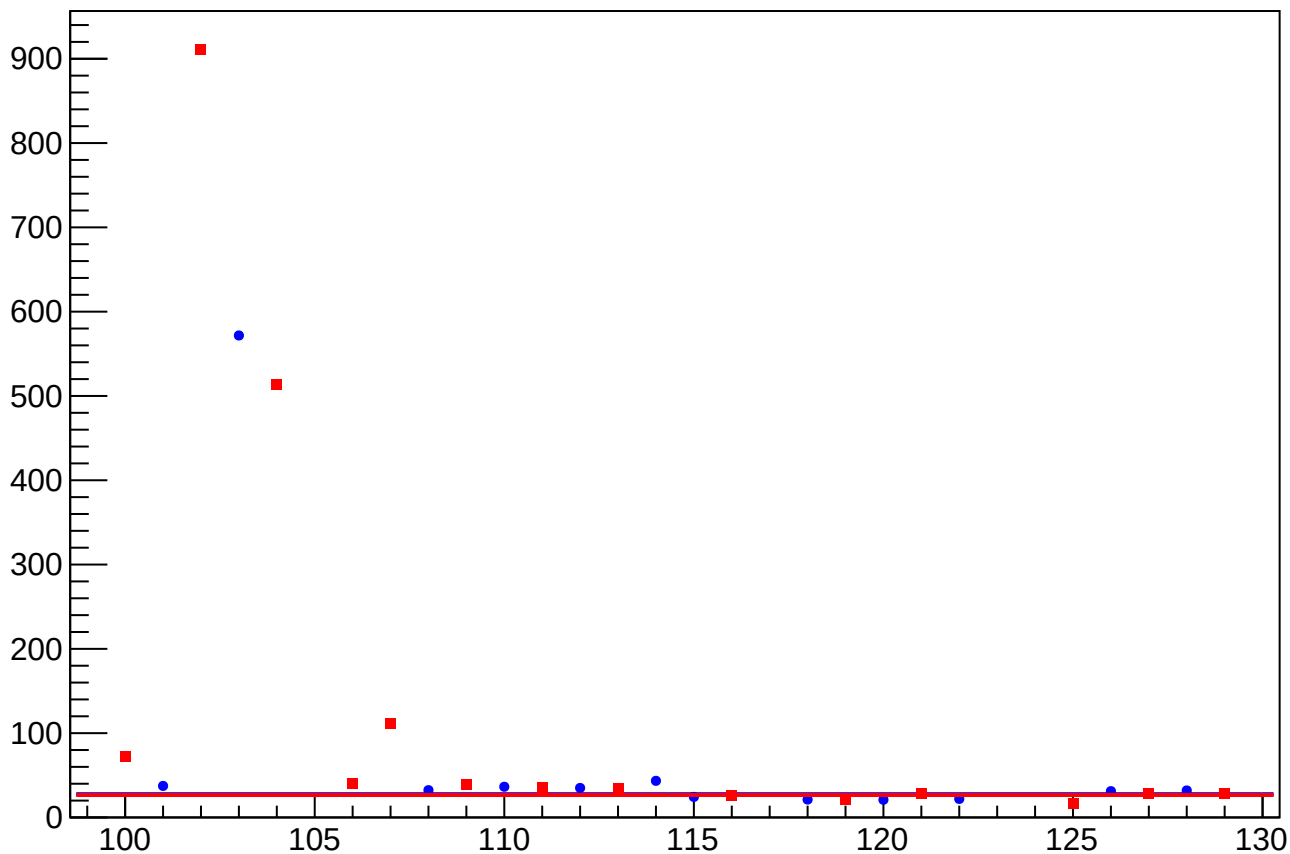
Right: -0.009 ± 0.010 χ^2/NDF : 22.9/25

In: -0.020 ± 0.015 χ^2/NDF : 13.1/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.010 χ^2/NDF : 22.9/25

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.598+/-0.010 χ^2/NDF : 1490131.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.661+/-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

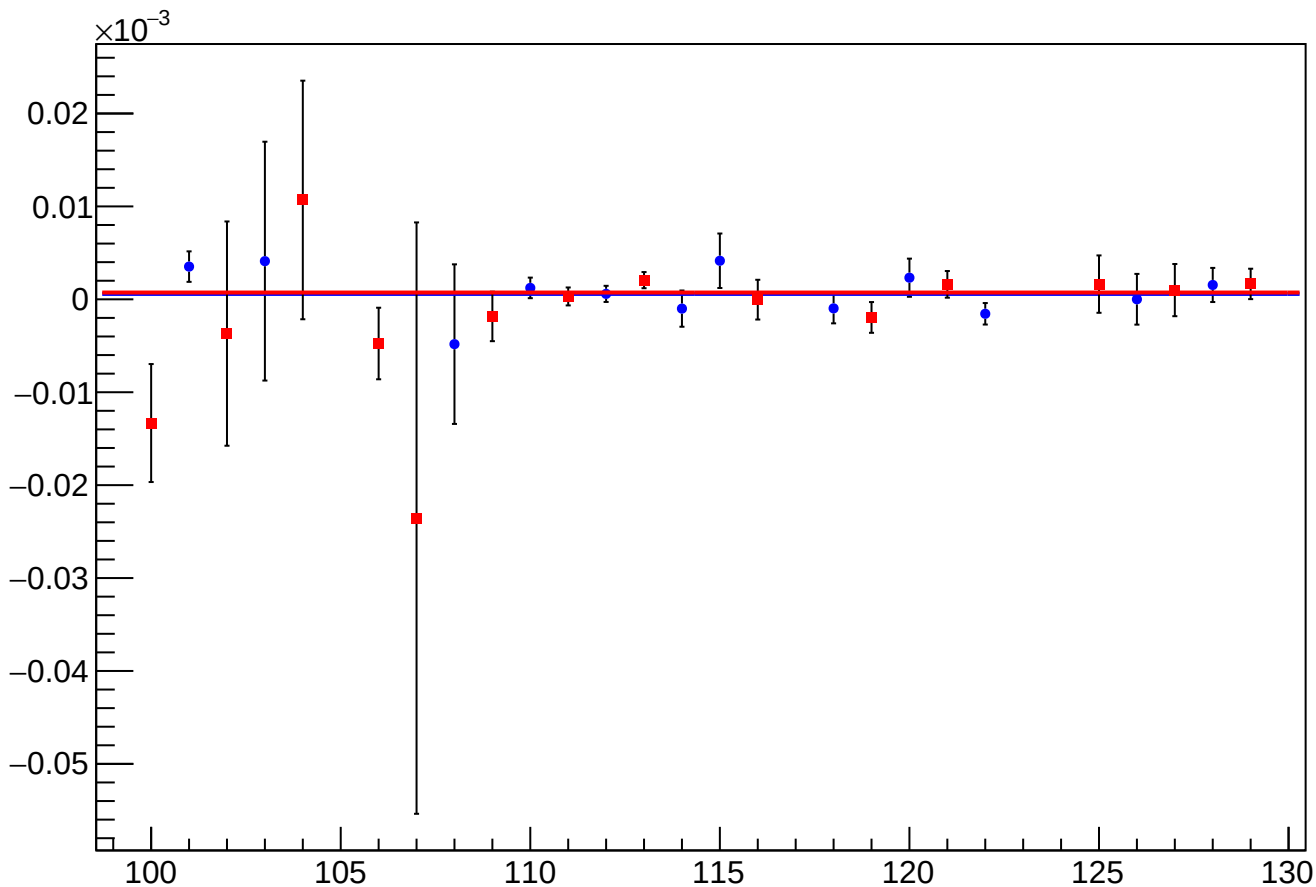
Right: 27.121+/-0.007 χ^2/NDF : 4073134.1/25

In: 27.598+/-0.010 χ^2/NDF : 1490131.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.121+/-0.007 χ^2/NDF : 4073134.1/25

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

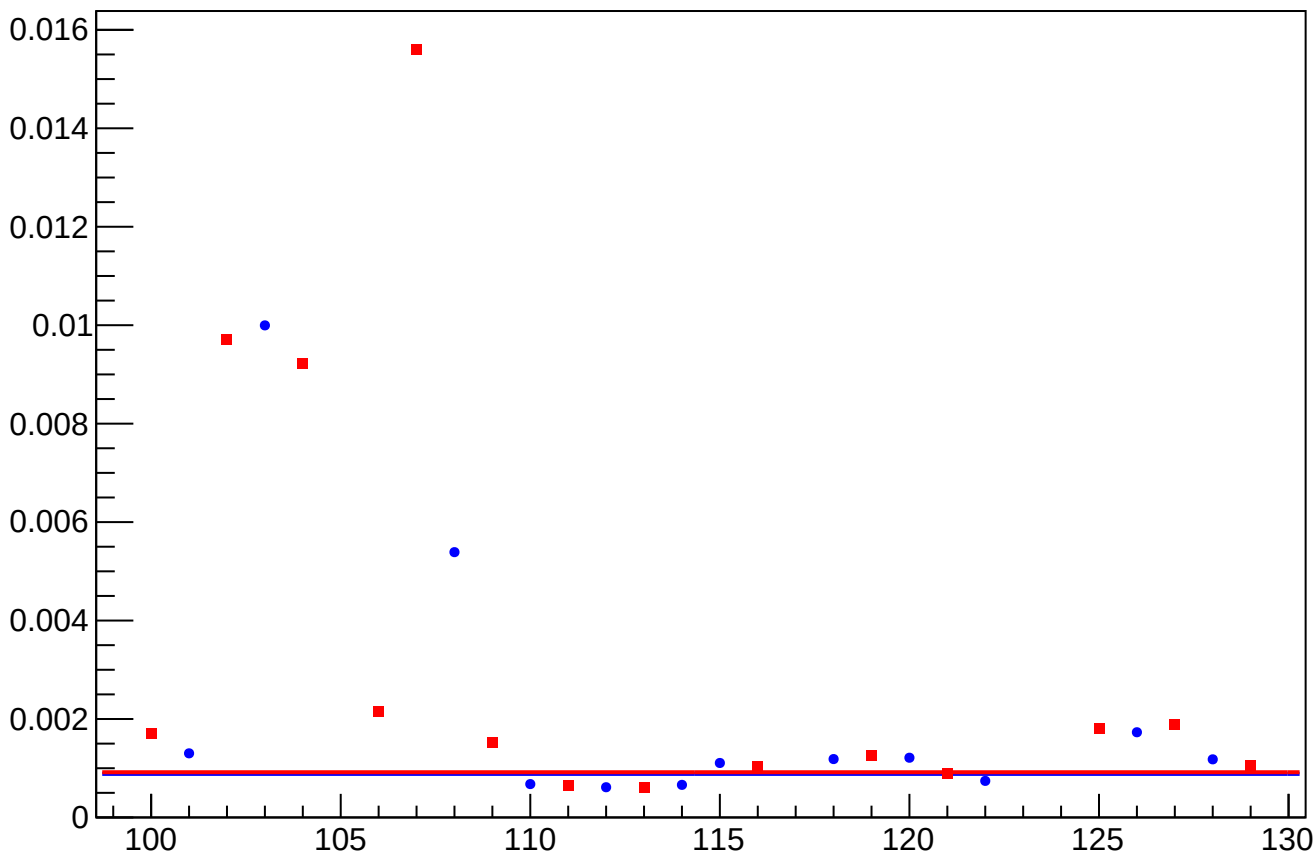
Right: 0.000+/-0.000 χ^2/NDF : 26.9/25

In: 0.000+/-0.000 χ^2/NDF : 11.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.9/25

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2381793.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 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

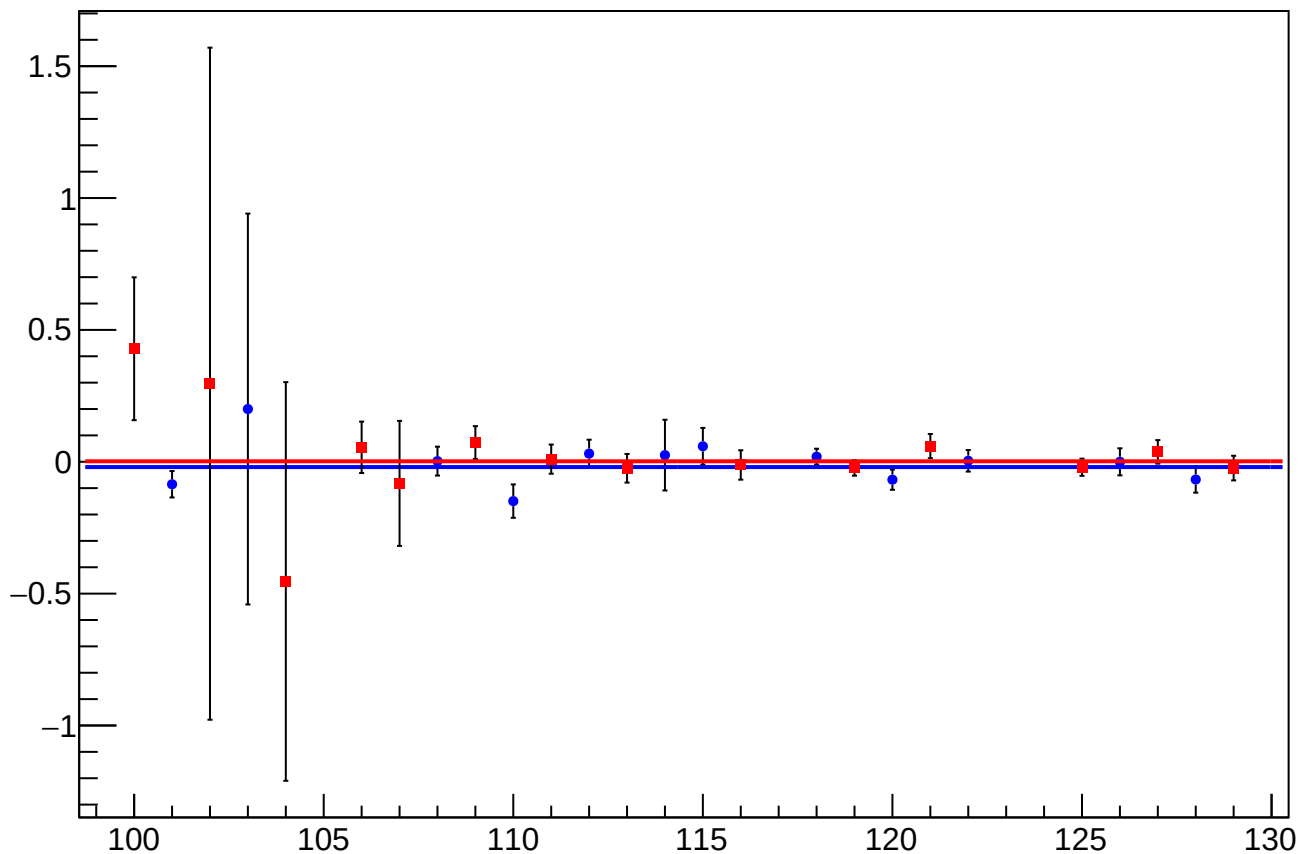
Right: 0.001+/-0.000 χ^2/NDF : 5996335.0/25

In: 0.001+/-0.000 χ^2/NDF :2381793.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5996335.0/25

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.015 χ^2/NDF : 13.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-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

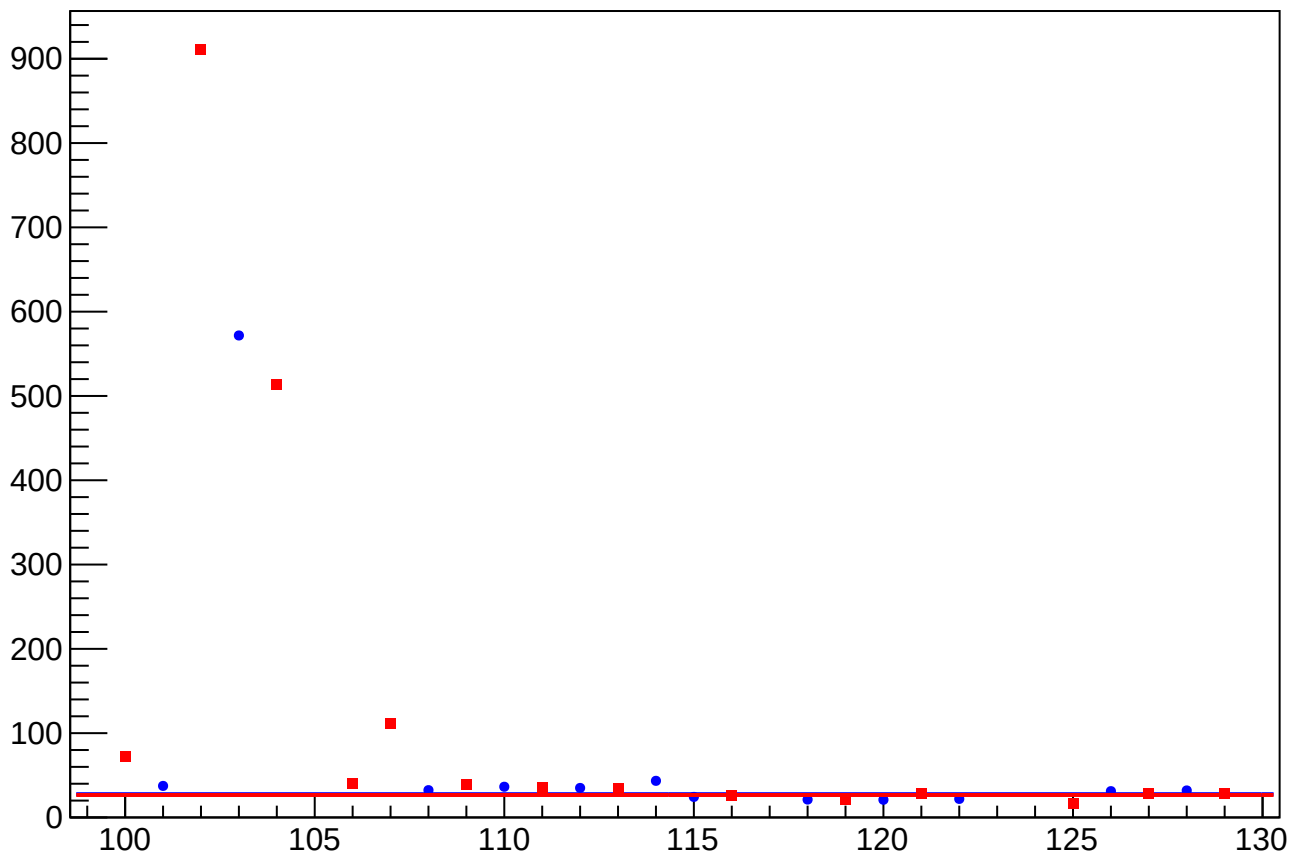
Right: -0.009+/-0.010 χ^2/NDF : 22.9/25

In: -0.020+/-0.015 χ^2/NDF : 13.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.010 χ^2/NDF : 22.9/25

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.598+/-0.010 χ^2/NDF : 1490130.3/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 26.661+/-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

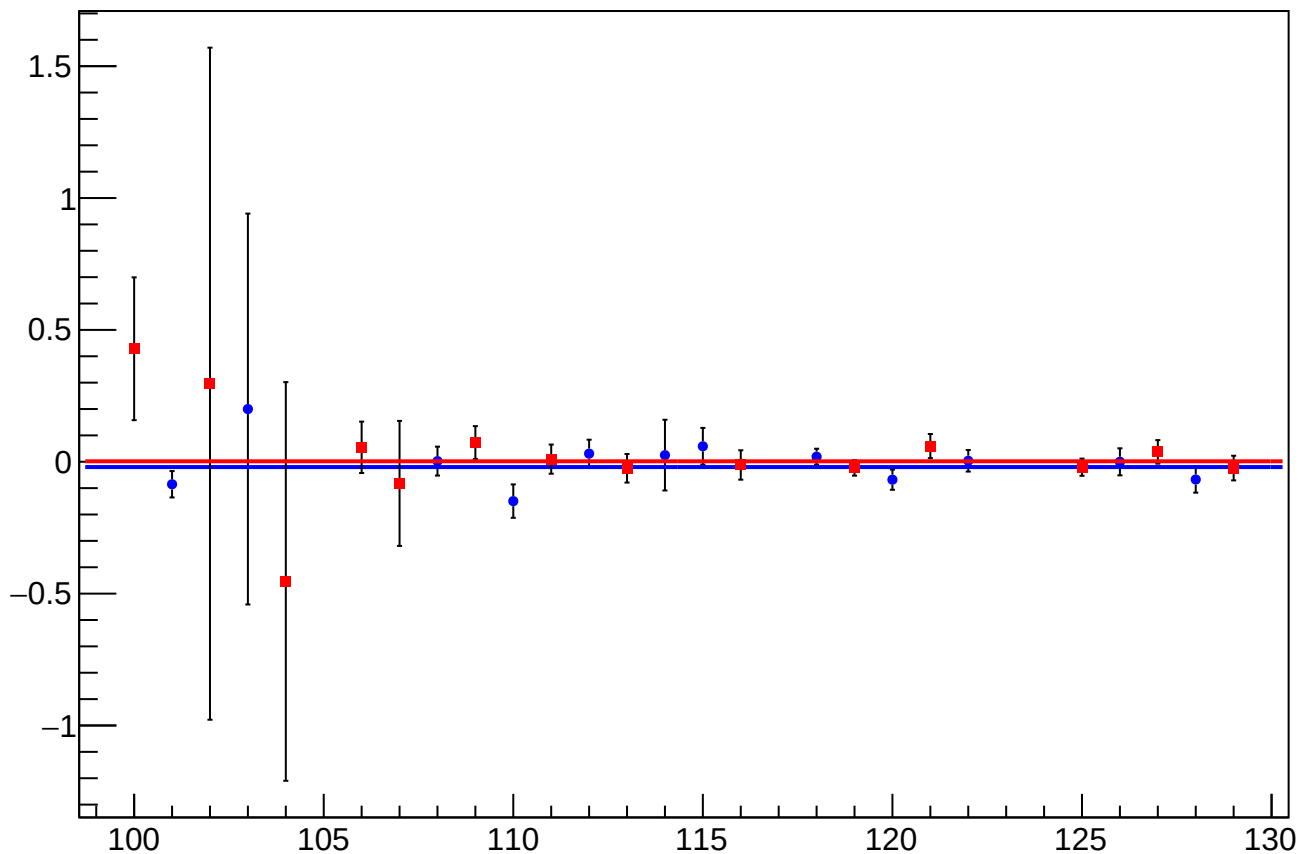
Right: 27.121+/-0.007 χ^2/NDF : 4073155.4/25

In: 27.598+/-0.010 χ^2/NDF :1490130.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 27.121+/-0.007 χ^2/NDF : 4073155.4/25

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.015 χ^2/NDF : 13.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-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

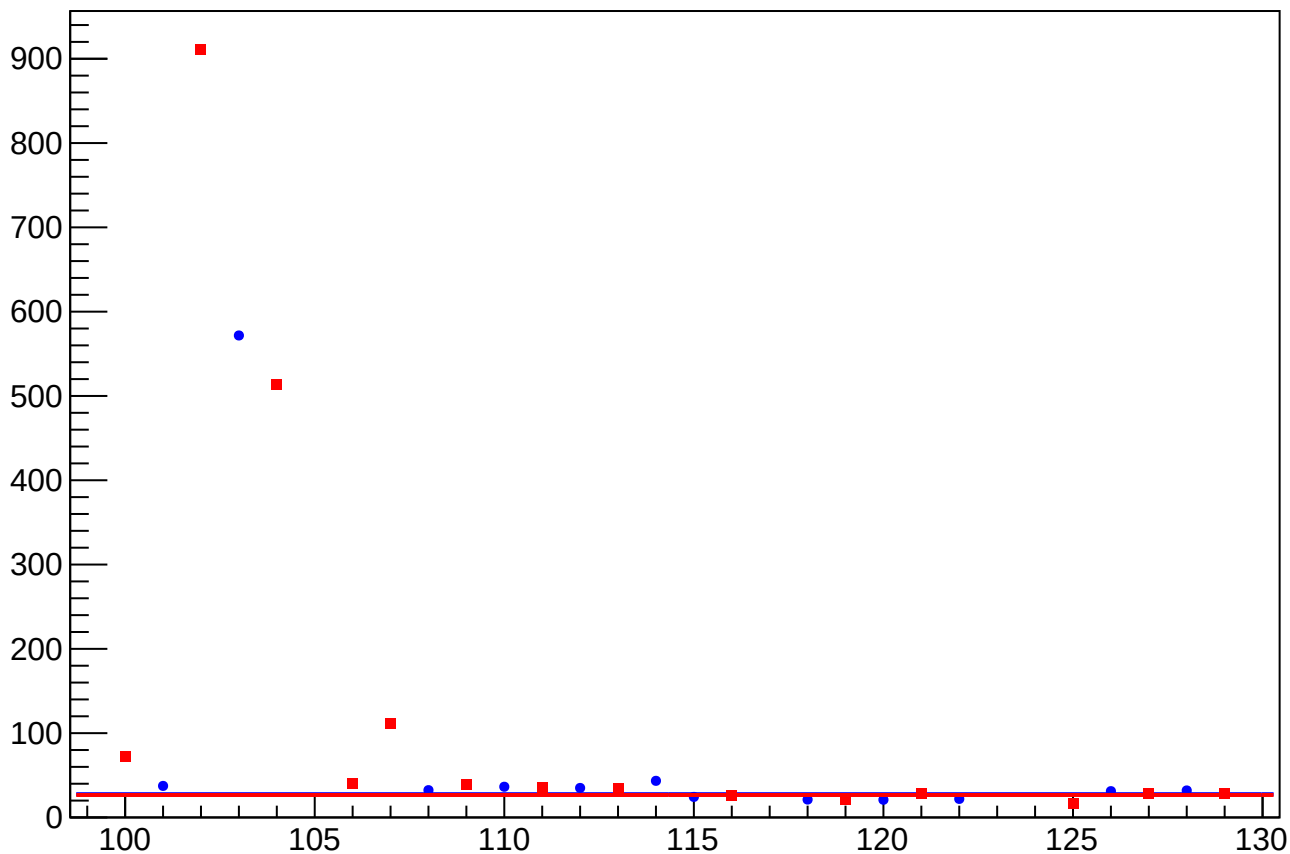
Right: -0.009+/-0.010 χ^2/NDF : 22.9/25

In: -0.020+/-0.015 χ^2/NDF : 13.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.010 χ^2/NDF : 22.9/25

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.598+/-0.010 χ^2/NDF : 1490130.3/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 26.661+/-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

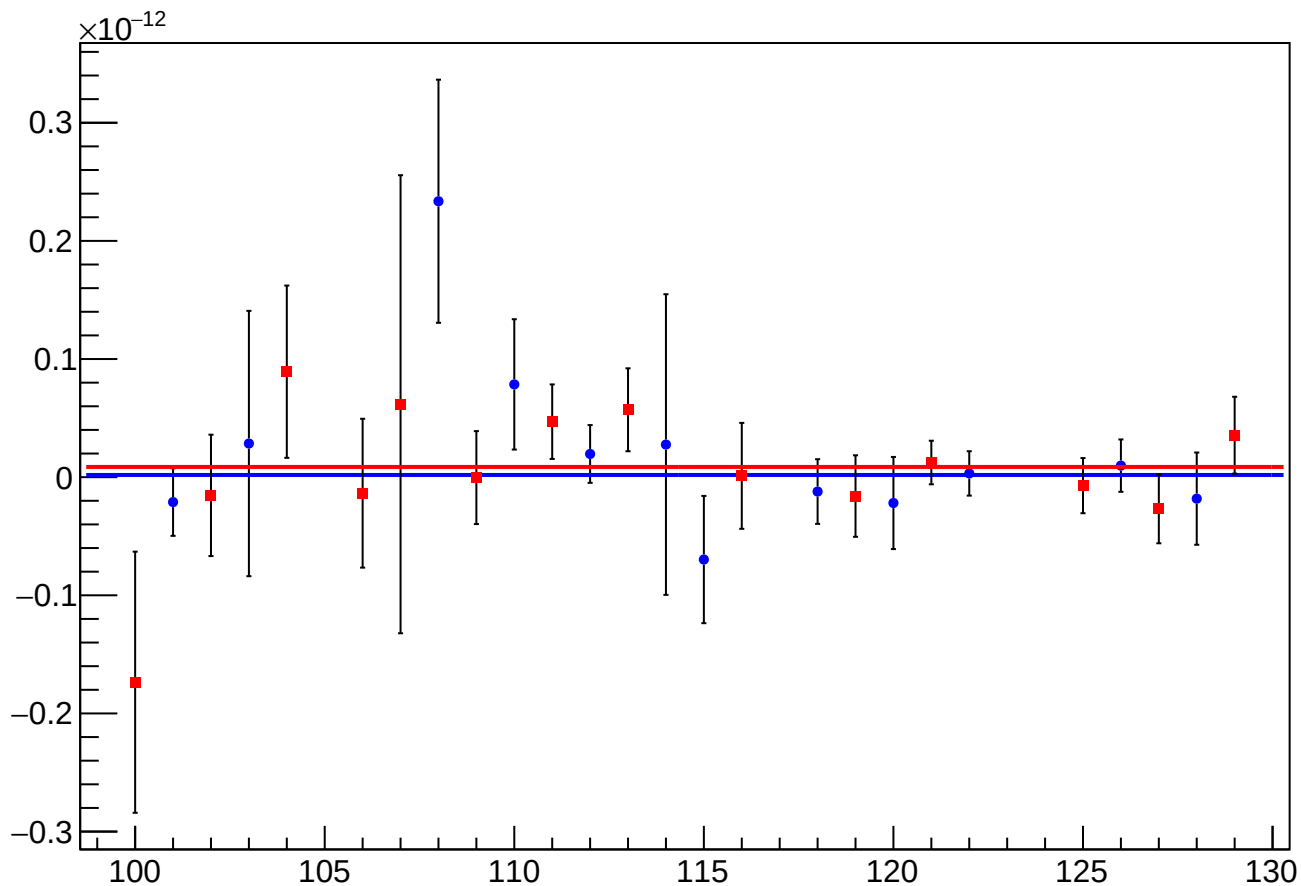
Right: 27.121+/-0.007 χ^2/NDF : 4073155.4/25

In: 27.598+/-0.010 χ^2/NDF :1490130.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 27.121+/-0.007 χ^2/NDF : 4073155.4/25

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

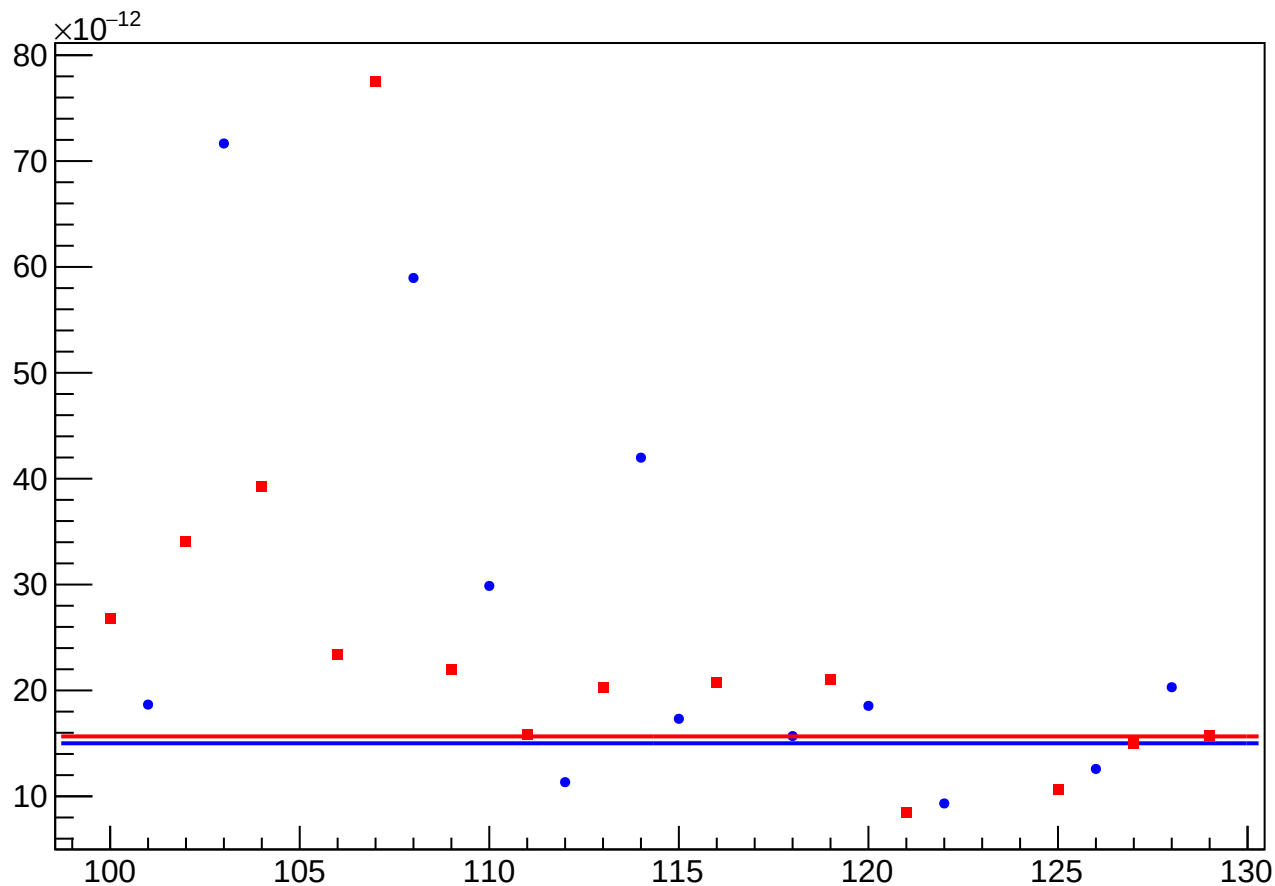
Right: 0.000+/-0.000 χ^2/NDF : 22.3/25

In: 0.000+/-0.000 χ^2/NDF : 11.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.3/25

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1451657.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

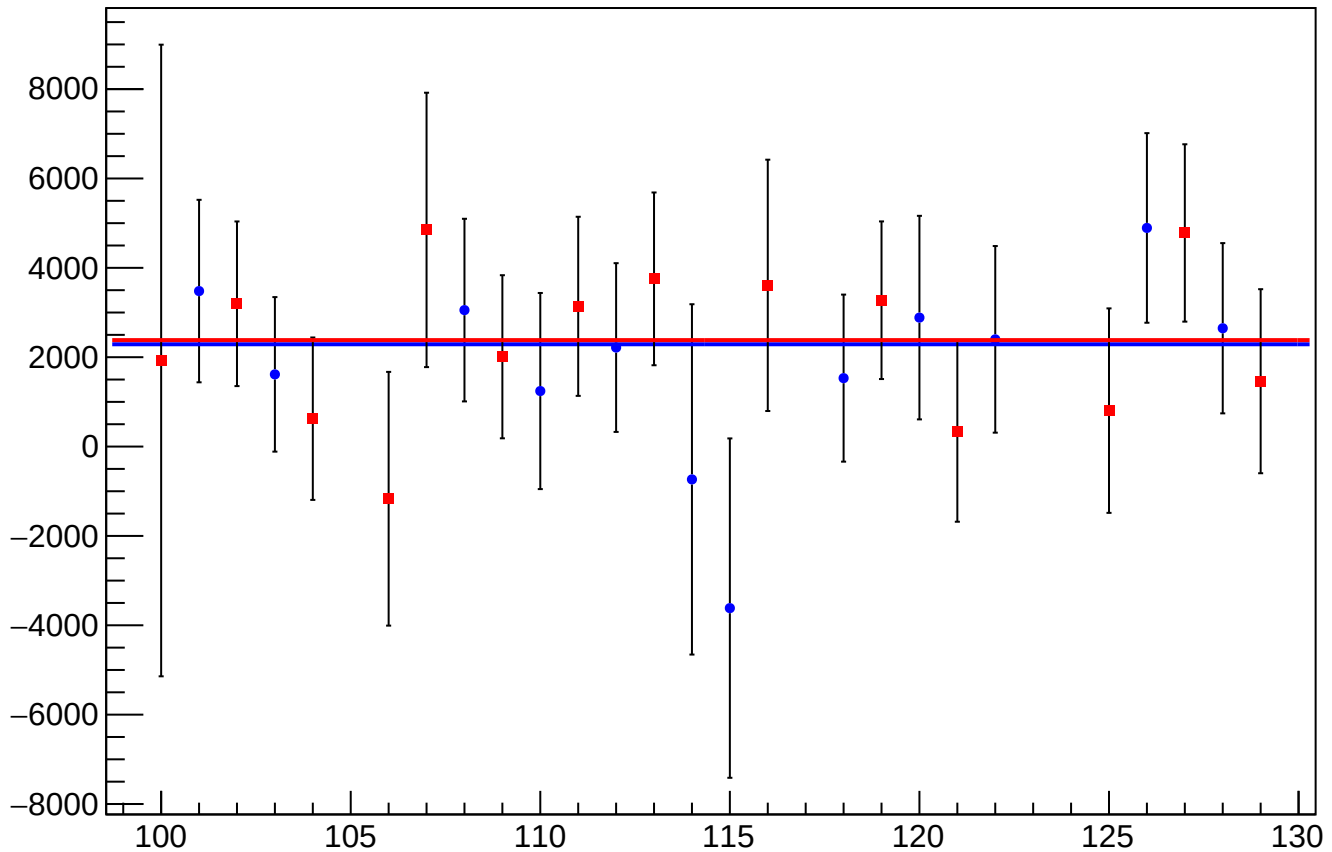
Right: 0.000+/-0.000 χ^2/NDF : 2736490.5/25

In: 0.000+/-0.000 χ^2/NDF : 1451657.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2736490.5/25

reg_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2289.502 $\pm$ 615.261 χ^2 /NDF: 5.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 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

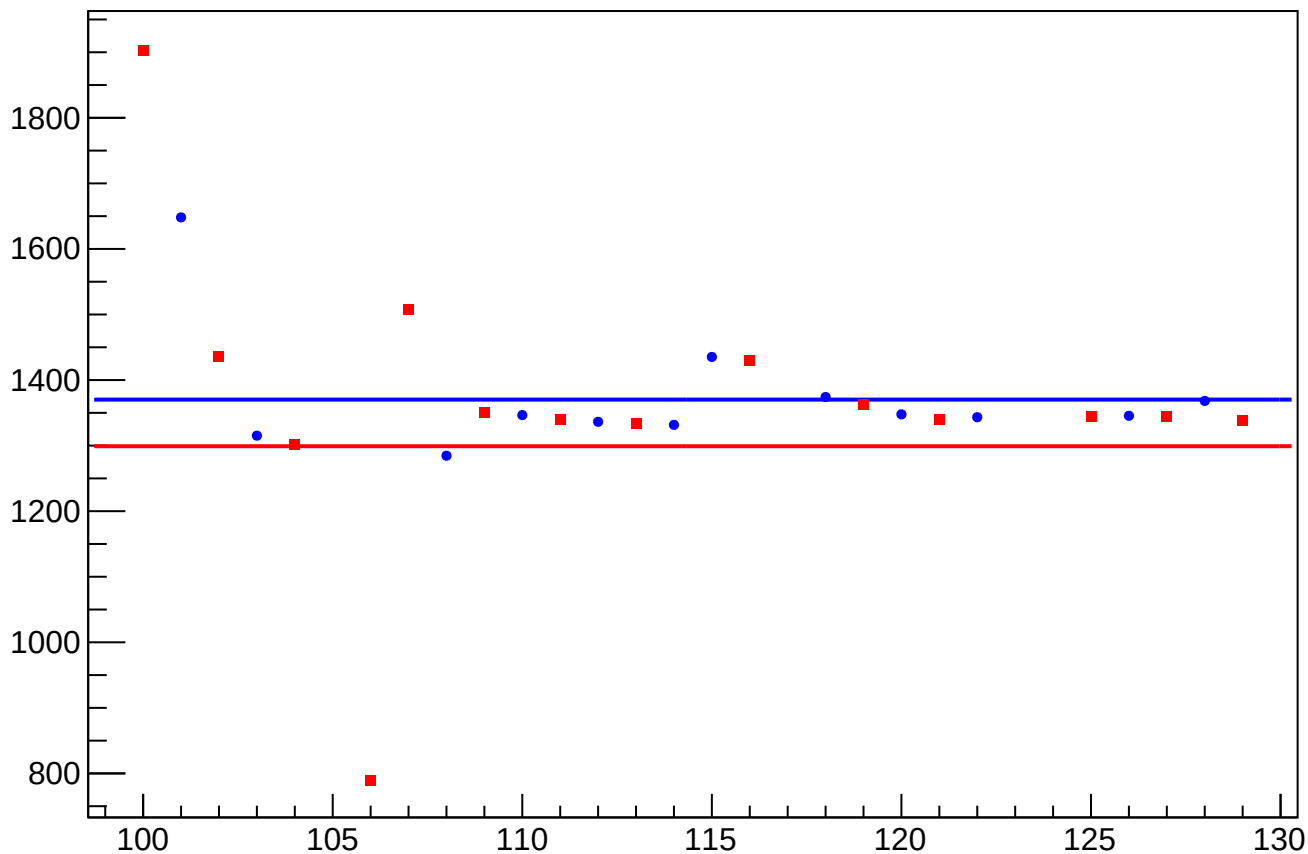
Right: 2339.212 $\pm$ 419.699 χ^2 /NDF: 13.3/25

In: 2289.502 $\pm$ 615.261 χ^2 /NDF:5.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2339.212 $\pm$ 419.699 χ^2 /NDF: 13.3/25

reg_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1370.183+/-0.435 χ^2/NDF : 45040.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

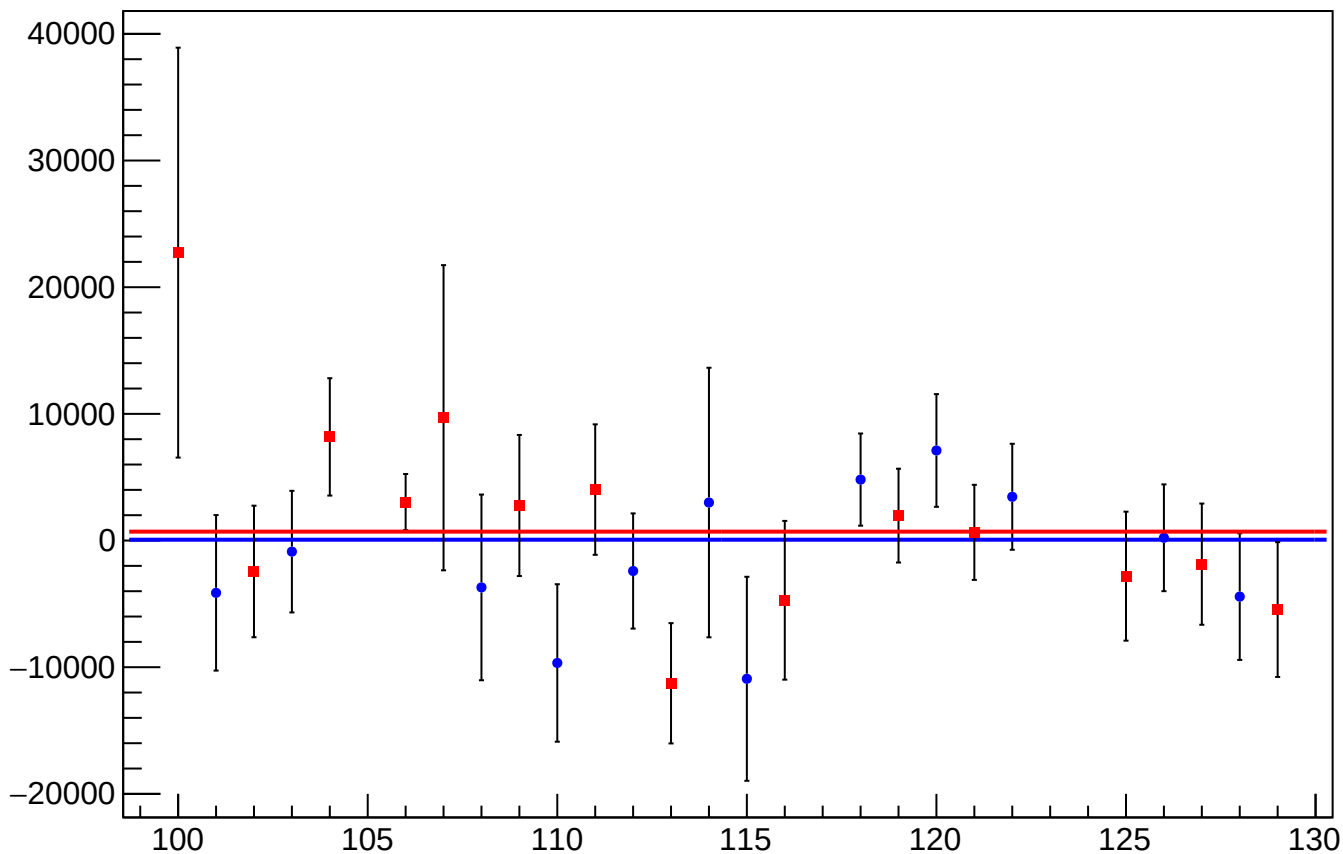
Right: 1330.825+/-0.291 χ^2/NDF : 298480.0/25

In: 1370.183+/-0.435 χ^2/NDF : 45040.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1330.825+/-0.291 χ^2/NDF : 298480.0/25

asym_usl_atl2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 65.610+/-1464.109 χ^2/NDF : 11.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

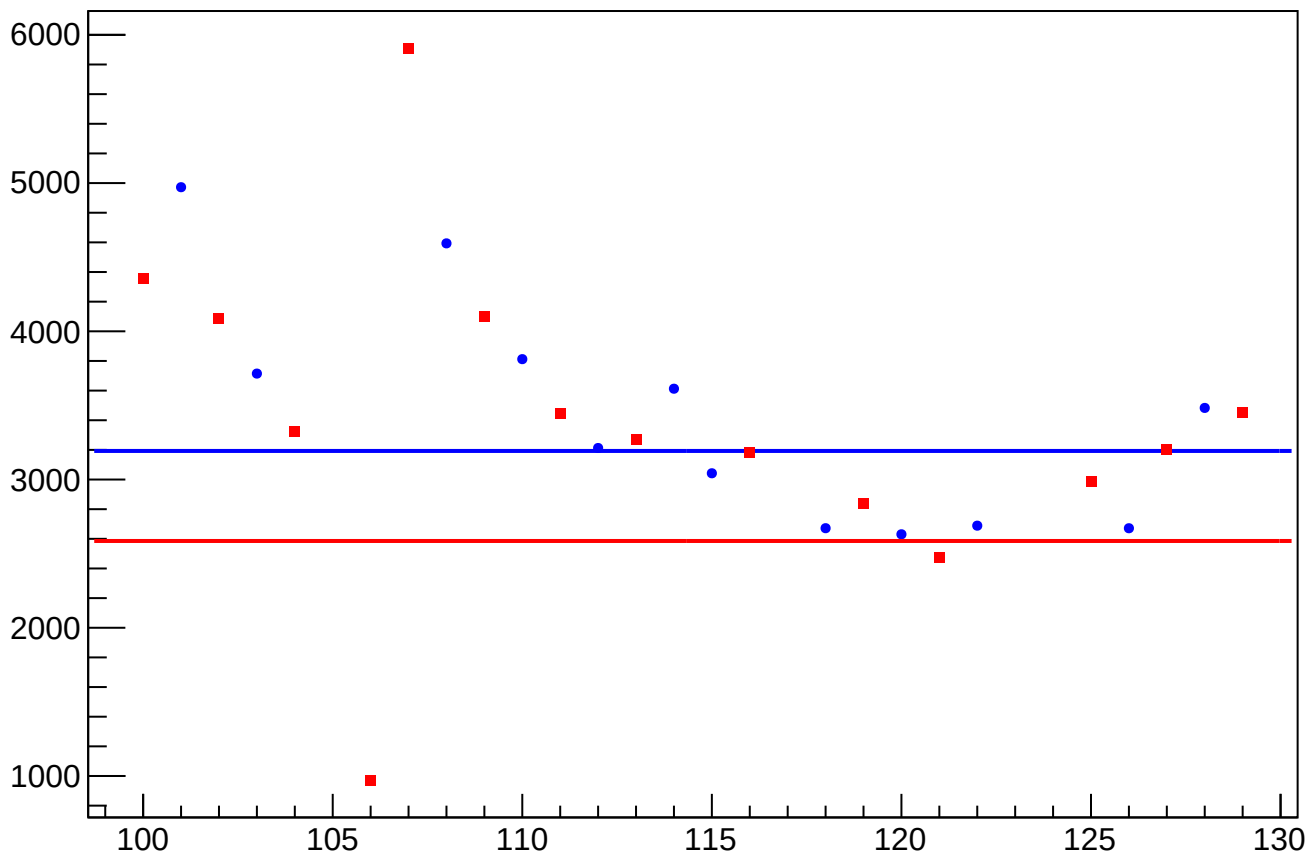
Right: 448.260+/-926.068 χ^2/NDF : 27.6/25

In: 65.610+/-1464.109 χ^2/NDF : 11.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 448.260+/-926.068 χ^2/NDF : 27.6/25

asym_usl_atl2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3192.872+/-1.035 χ^2/NDF : 427684.0/11

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

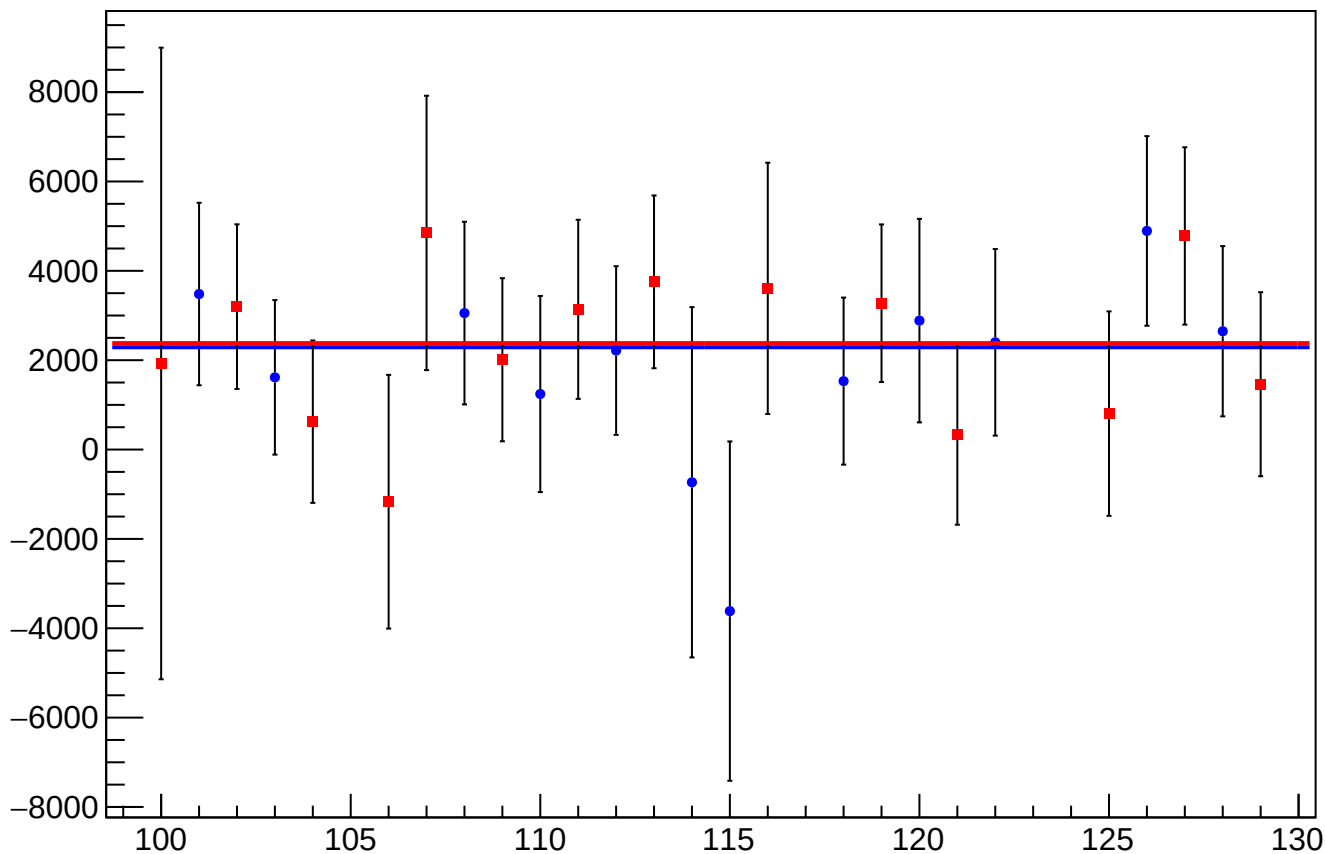
Right: 2828.495+/-0.655 χ^2/NDF : 2465726.8/25

In: 3192.872+/-1.035 χ^2/NDF : 427684.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2828.495+/-0.655 χ^2/NDF : 2465726.8/25

cor_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2289.667 $\pm$ 615.261 χ^2 /NDF: 5.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 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

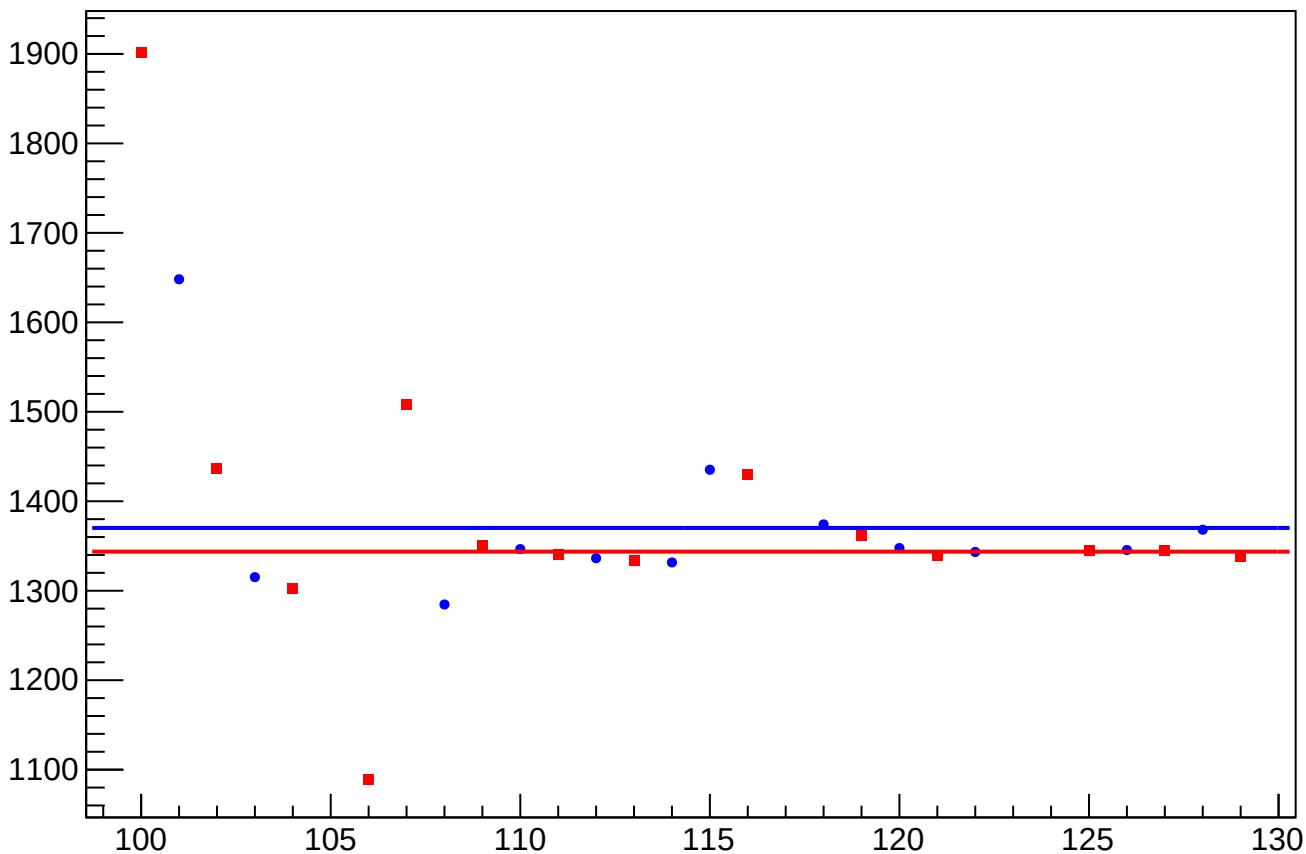
Right: 2339.396 $\pm$ 419.700 χ^2 /NDF: 13.3/25

In: 2289.667 $\pm$ 615.261 χ^2 /NDF:5.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2339.396 $\pm$ 419.700 χ^2 /NDF: 13.3/25

cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1370.182+/-0.435 χ^2/NDF : 45040.3/11

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

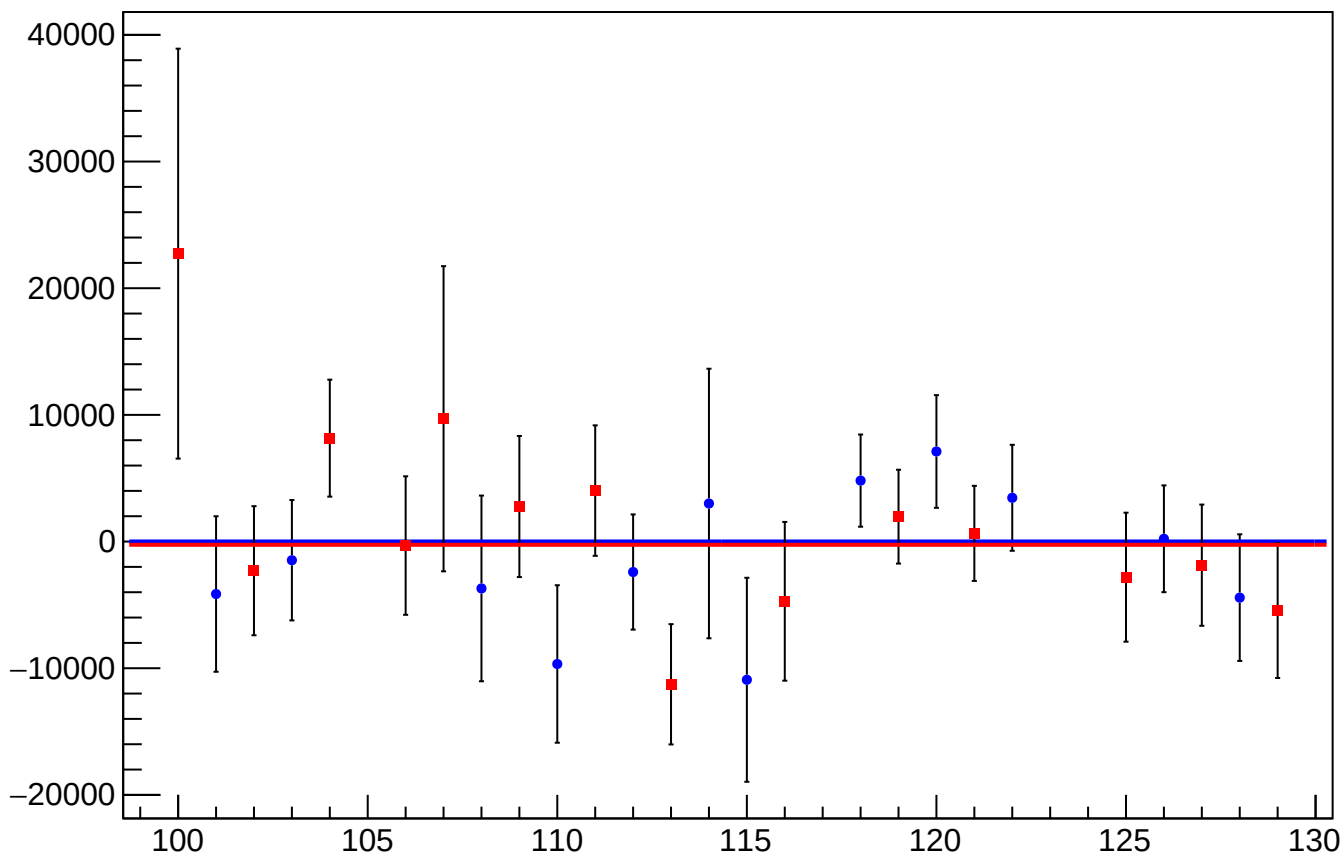
Right: 1355.808+/-0.294 χ^2/NDF : 102694.6/25

In: 1370.182+/-0.435 χ^2/NDF : 45040.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1355.808+/-0.294 χ^2/NDF : 102694.6/25

asym_usl_atl2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 6.732+/-1462.686 χ^2/NDF : 11.2/11

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

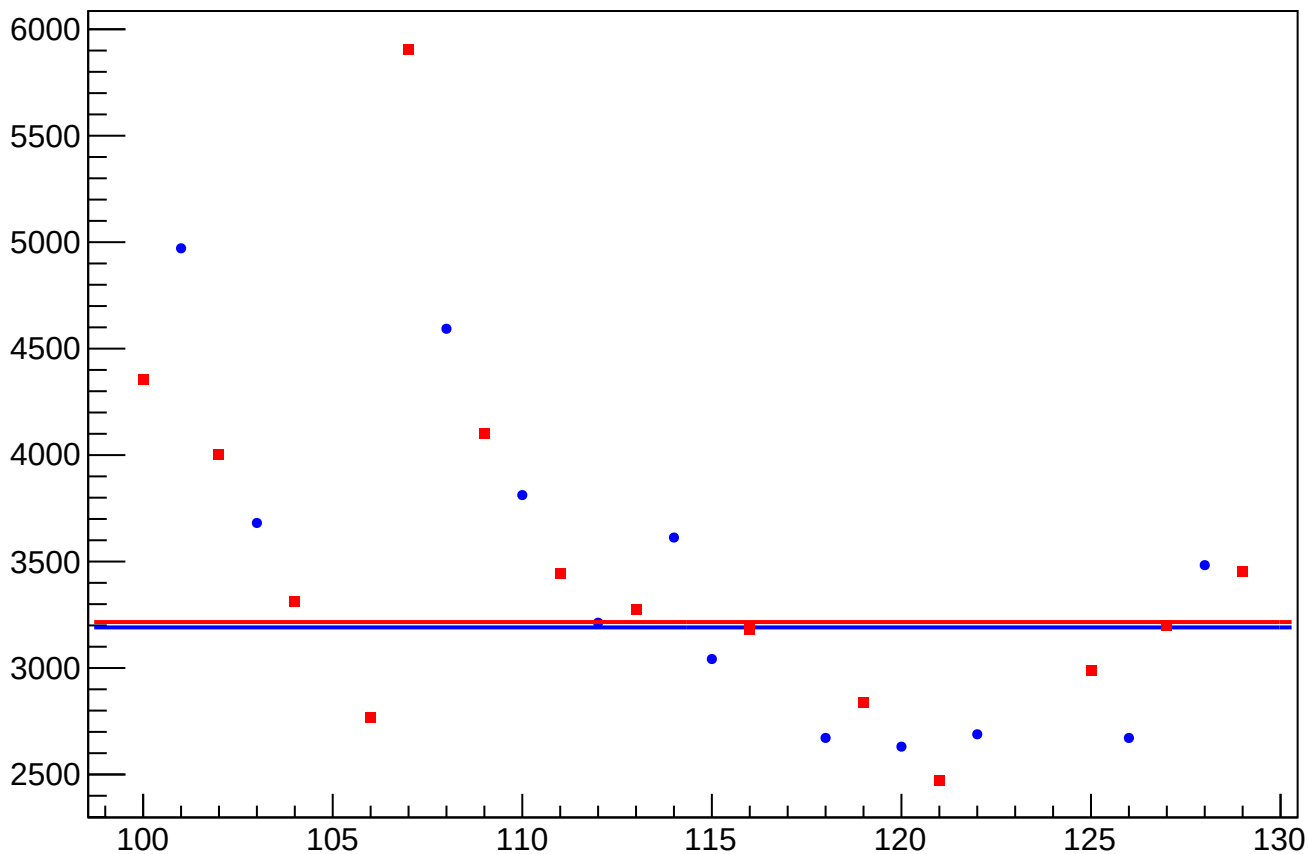
Right: -132.054+/-1000.918 χ^2/NDF : 26.0/25

In: 6.732+/-1462.686 χ^2/NDF : 11.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -132.054+/-1000.918 χ^2/NDF : 26.0/25

asym_usl_atl2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3190.673+/-1.034 χ^2/NDF : 425039.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

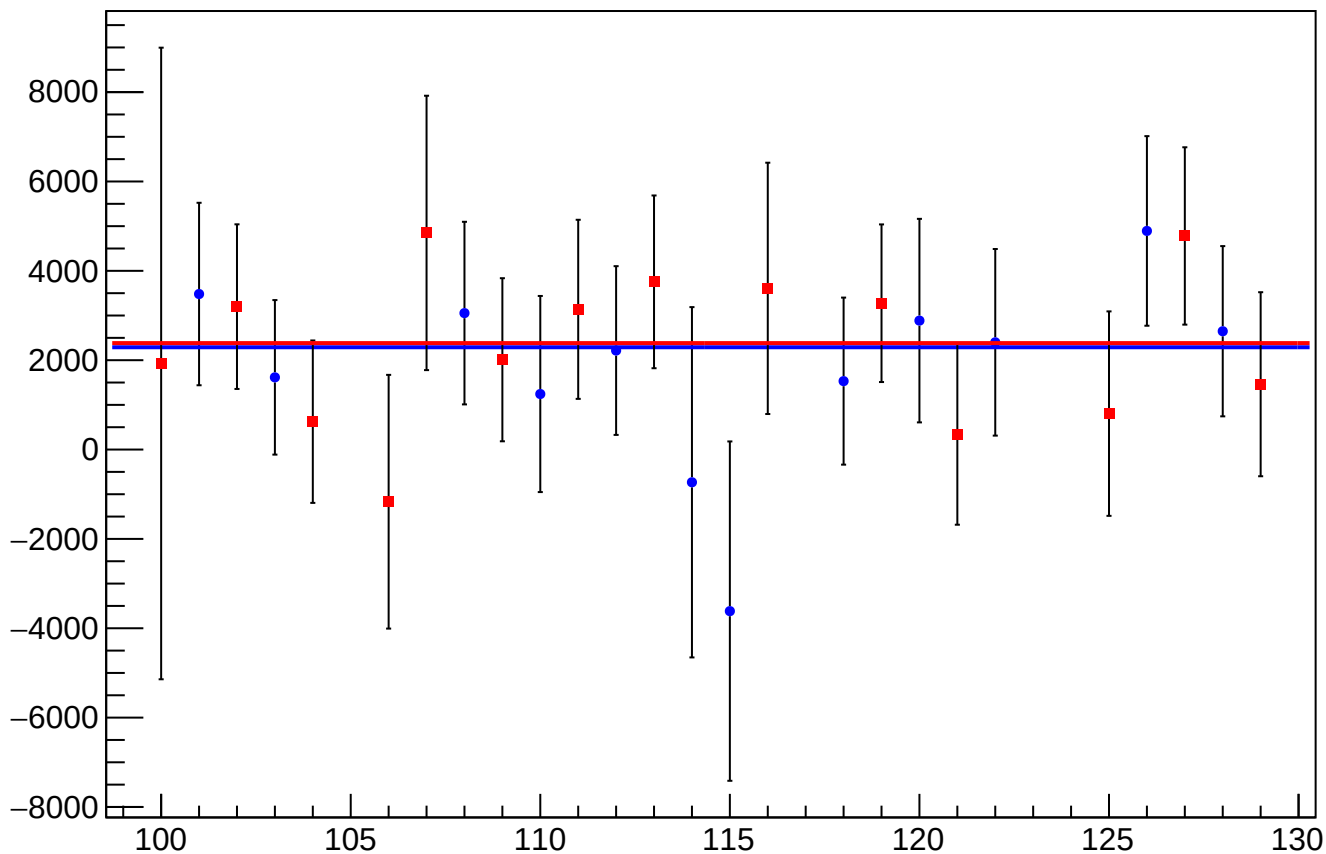
Right: 3204.114+/-0.708 χ^2/NDF : 758397.9/25

In: 3190.673+/-1.034 χ^2/NDF :425039.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3204.114+/-0.708 χ^2/NDF : 758397.9/25

eigen_cor_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2289.667+/-615.261 χ^2/NDF : 5.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2382.675+/-573.979 χ^2/NDF : 7.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

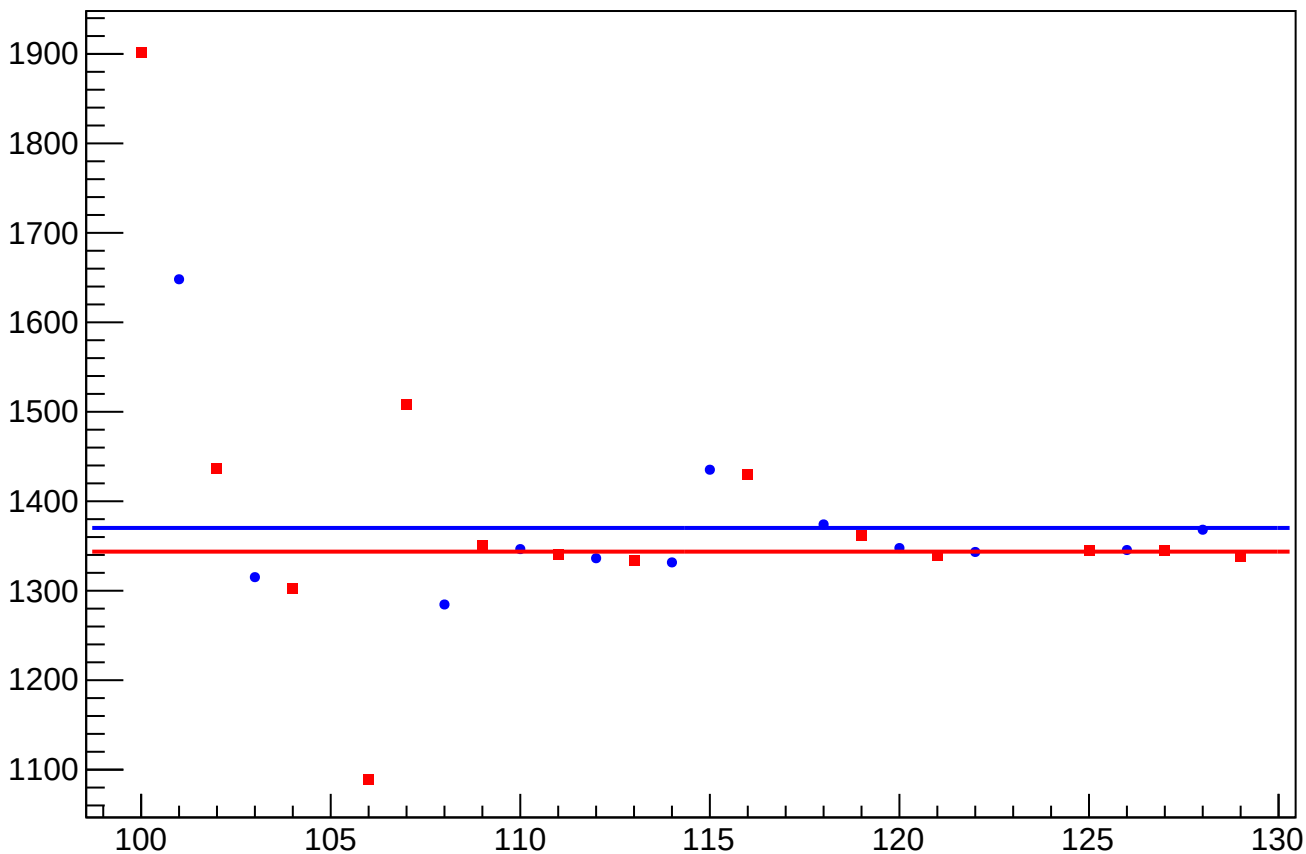
Right: 2339.396+/-419.700 χ^2/NDF : 13.3/25

In: 2289.667+/-615.261 χ^2/NDF : 5.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2339.396+/-419.700 χ^2/NDF : 13.3/25

eigen_cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1370.182+/-0.435 χ^2/NDF : 45040.3/11

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

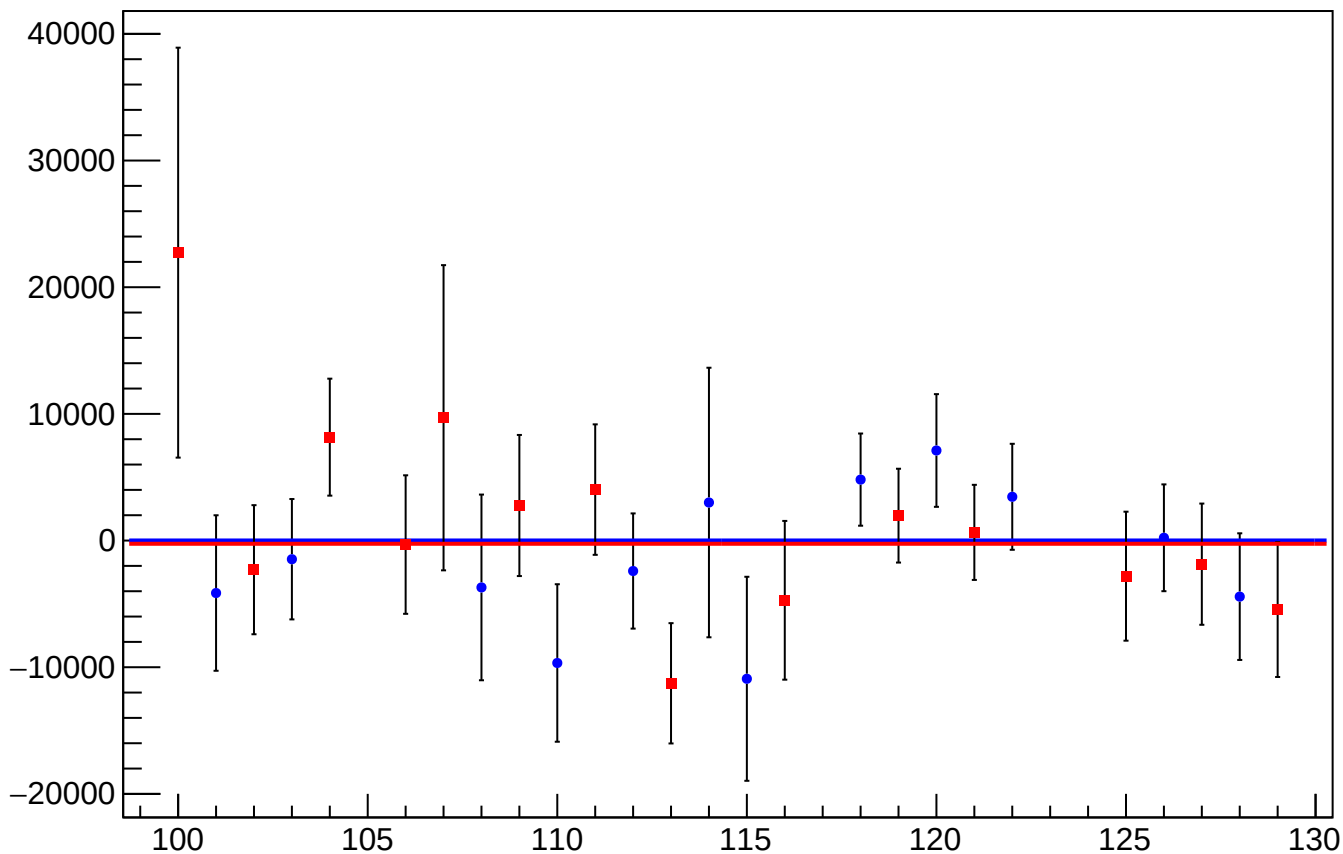
Right: 1355.808+/-0.294 χ^2/NDF : 102694.6/25

In: 1370.182+/-0.435 χ^2/NDF : 45040.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1355.808+/-0.294 χ^2/NDF : 102694.6/25

asym_usl_atl2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 6.732 $\pm$ 1462.686 χ^2 /NDF: 11.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -254.275 $\pm$ 1372.625 χ^2 /NDF: 14.8/13

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

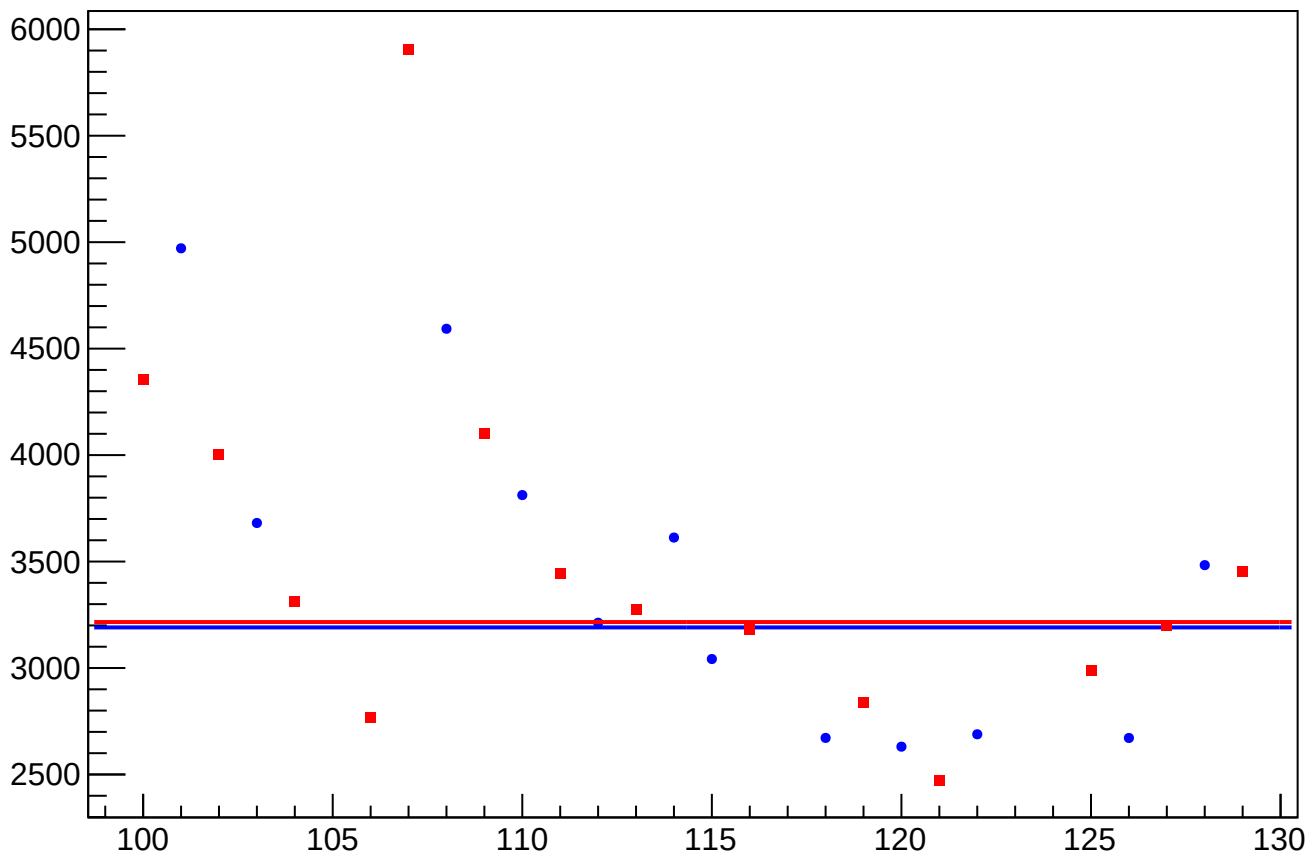
Right: -132.054 $\pm$ 1000.918 χ^2 /NDF: 26.0/25

In: 6.732 $\pm$ 1462.686 χ^2 /NDF:11.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -132.054 $\pm$ 1000.918 χ^2 /NDF: 26.0/25

asym_usl_atl2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3190.673+/-1.034 χ^2/NDF : 425039.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

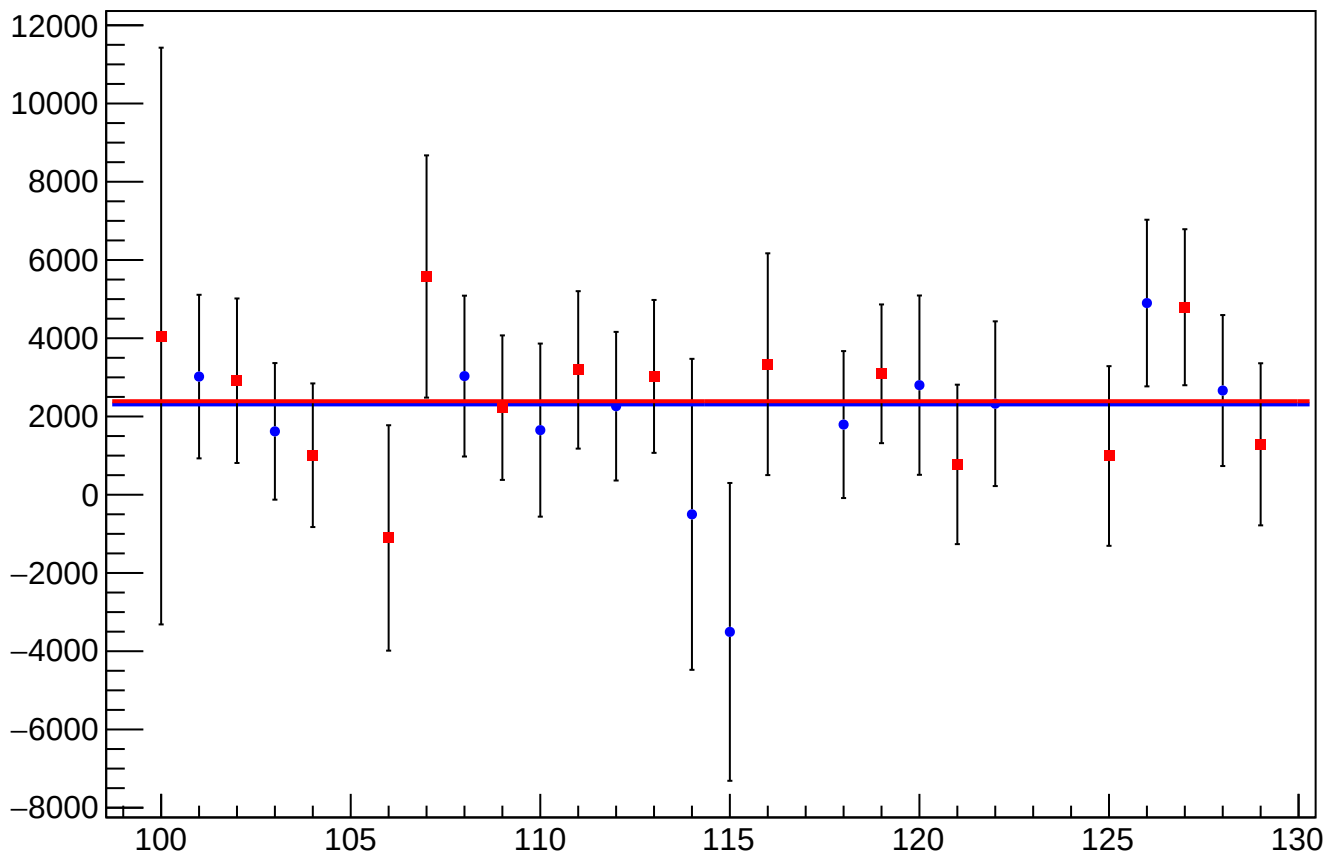
Right: 3204.114+/-0.708 χ^2/NDF : 758397.9/25

In: 3190.673+/-1.034 χ^2/NDF :425039.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3204.114+/-0.708 χ^2/NDF : 758397.9/25

dit_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2308.699+/-620.668 χ^2/NDF : 5.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

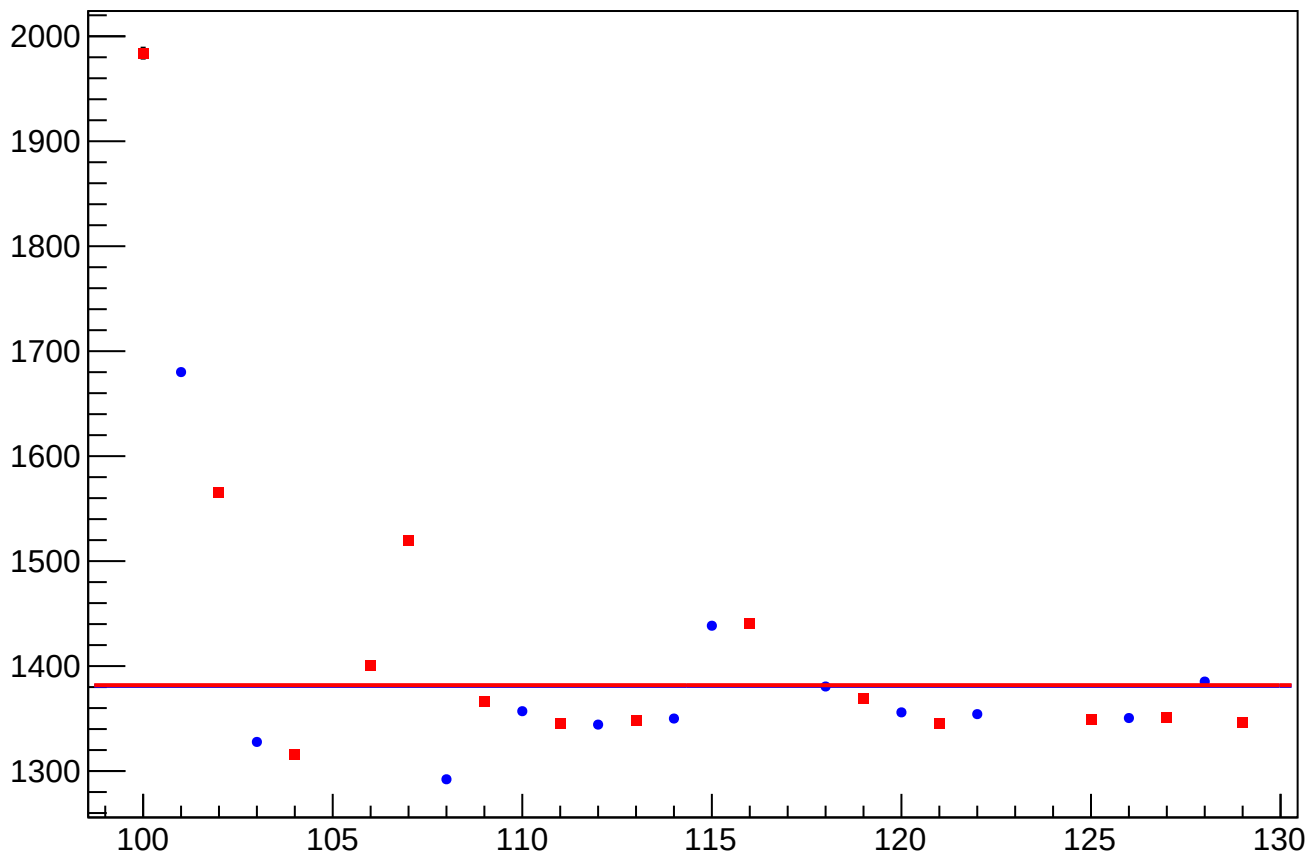
Right: 2351.976+/-425.566 χ^2/NDF : 11.4/25

In: 2308.699+/-620.668 χ^2/NDF : 5.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2351.976+/-425.566 χ^2/NDF : 11.4/25

dit_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1381.131+/-0.439 χ^2/NDF : 49077.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

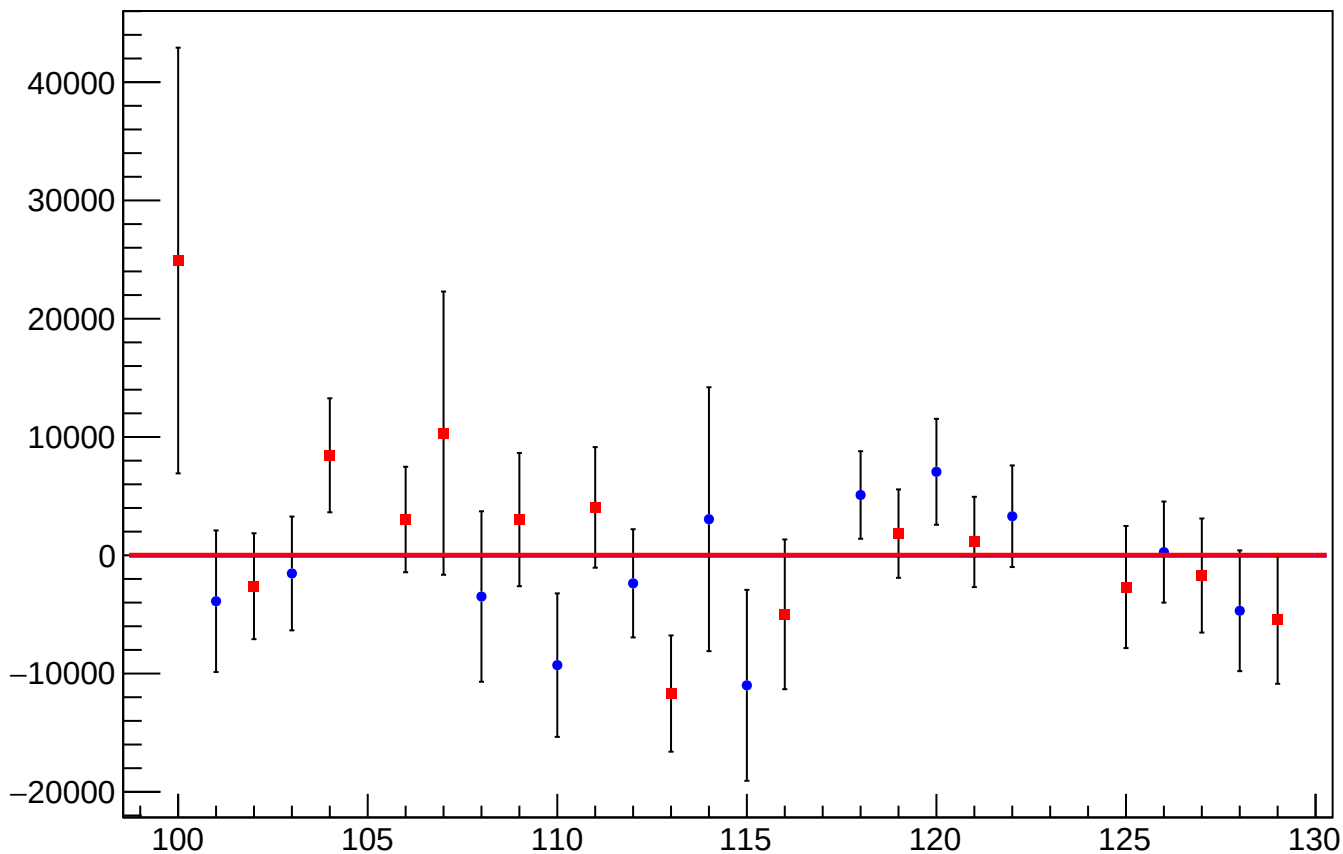
Right: 1381.485+/-0.300 χ^2/NDF : 88781.4/25

In: 1381.131+/-0.439 χ^2/NDF : 49077.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1381.485+/-0.300 χ^2/NDF : 88781.4/25

asym_usl_atl2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -31.586+/-1476.350 χ^2/NDF : 11.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.458+/-1354.992 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

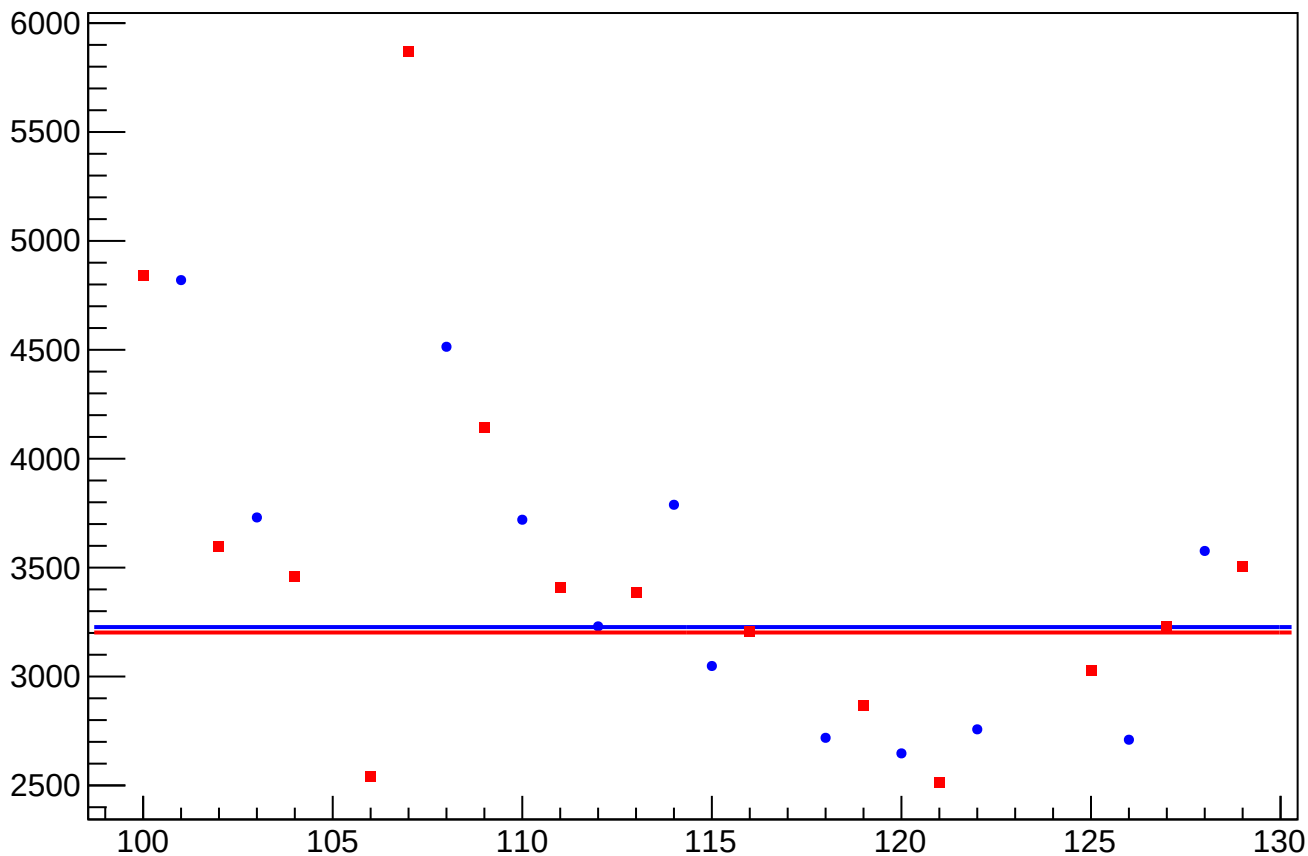
Right: 9.689+/-998.275 χ^2/NDF : 26.6/25

In: -31.586+/-1476.350 χ^2/NDF : 11.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.689+/-998.275 χ^2/NDF : 26.6/25

asym_usl_atl2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3227.007+/-1.044 χ^2/NDF : 380303.1/11

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

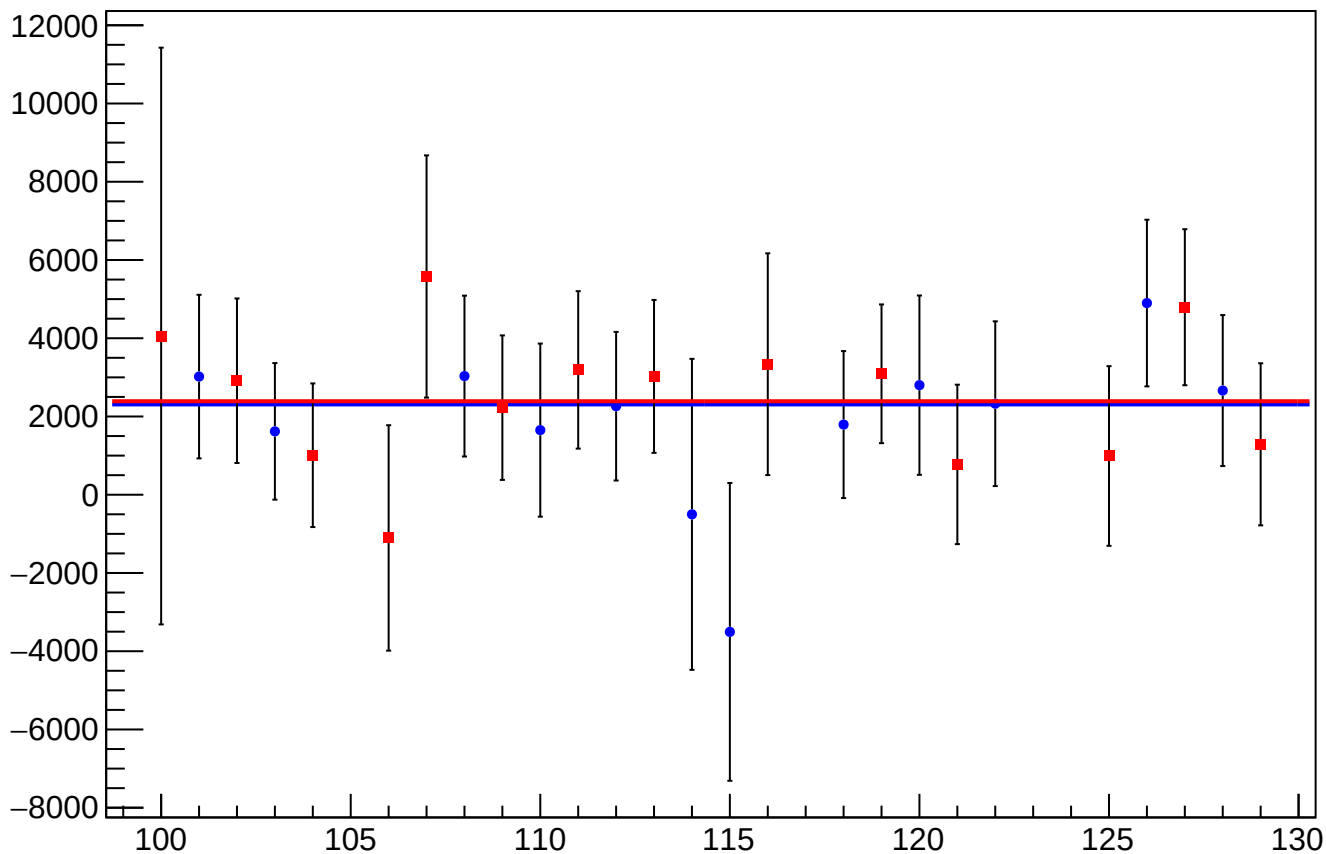
Right: 3213.495+/-0.706 χ^2/NDF : 713726.7/25

In: 3227.007+/-1.044 χ^2/NDF : 380303.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3213.495+/-0.706 χ^2/NDF : 713726.7/25

eigen_dit_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2308.704+/-620.668 χ^2/NDF : 5.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

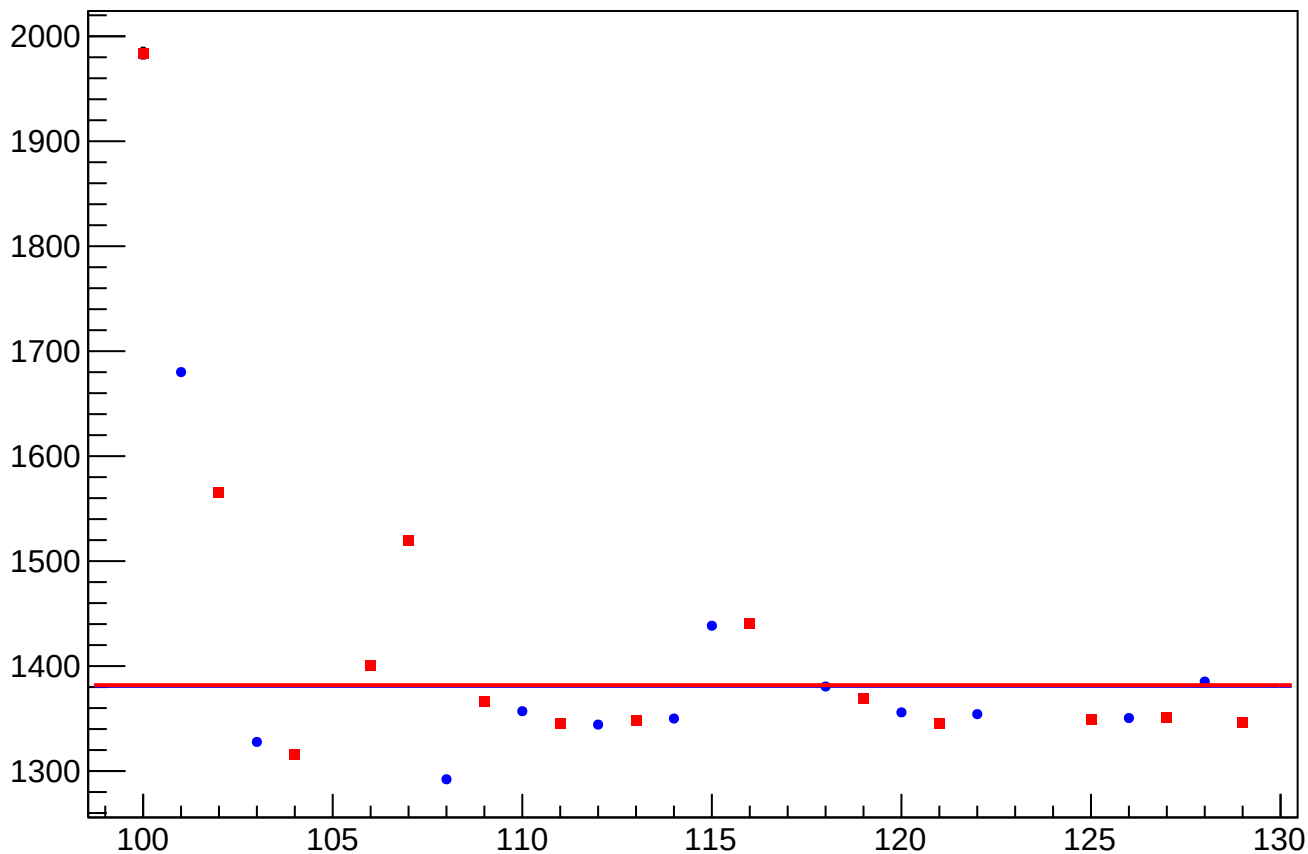
Right: 2351.981+/-425.566 χ^2/NDF : 11.4/25

In: 2308.704+/-620.668 χ^2/NDF : 5.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2351.981+/-425.566 χ^2/NDF : 11.4/25

eigen_dit_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1381.131+/-0.439 χ^2/NDF : 49076.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

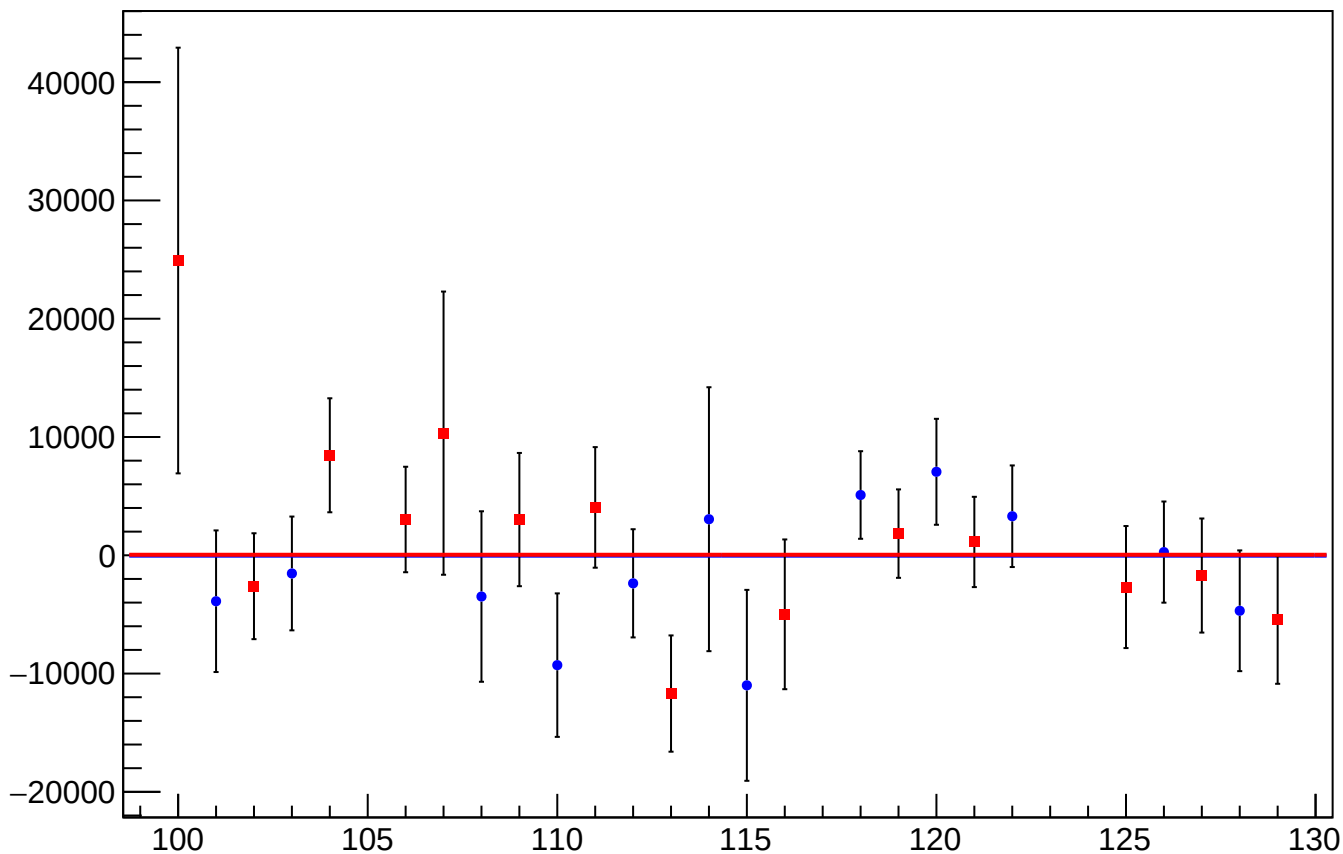
Right: 1381.485+/-0.300 χ^2/NDF : 88781.3/25

In: 1381.131+/-0.439 χ^2/NDF : 49076.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1381.485+/-0.300 χ^2/NDF : 88781.3/25

asym_usl_atl2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -31.581+/-1476.344 χ^2/NDF : 11.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

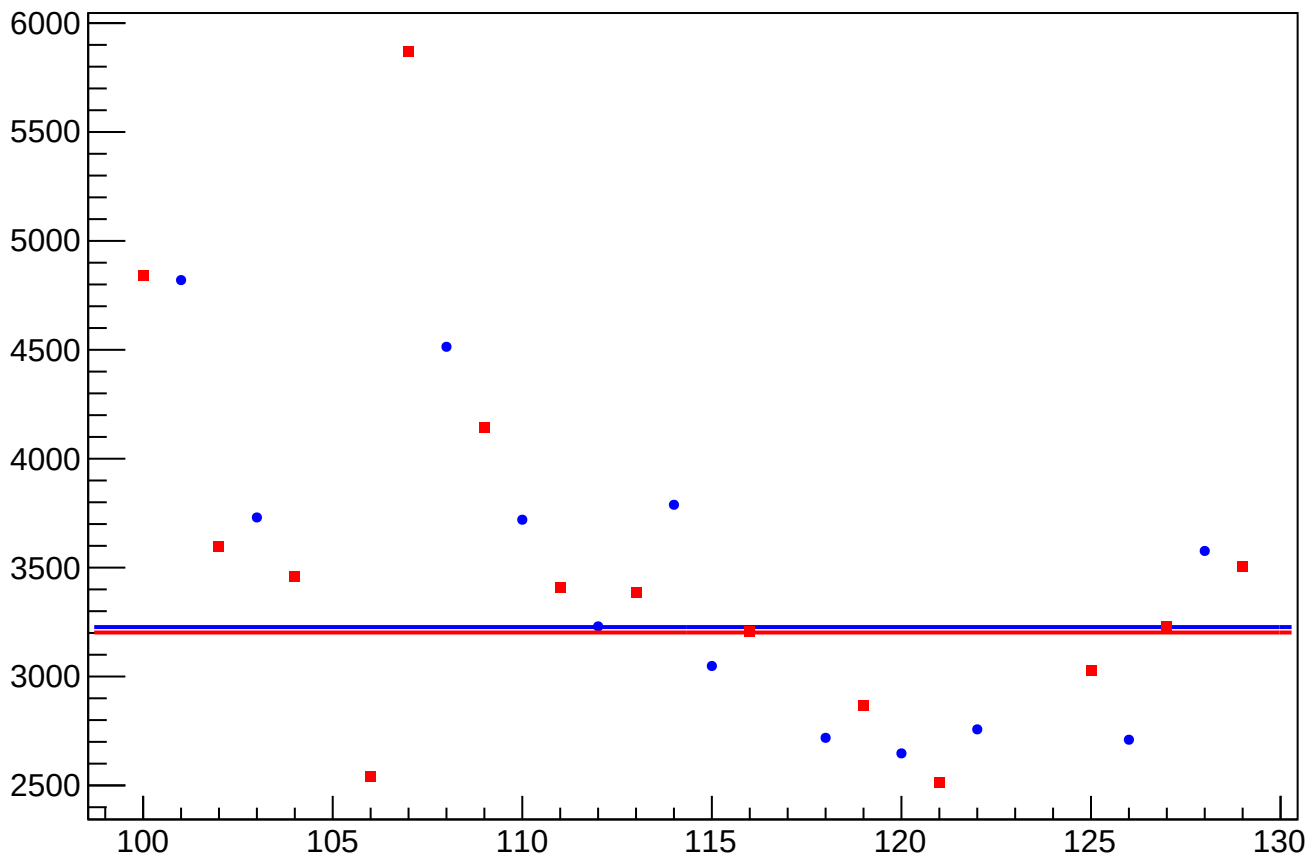
Right: 9.694+/-998.272 χ^2/NDF : 26.6/25

In: -31.581+/-1476.344 χ^2/NDF : 11.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.694+/-998.272 χ^2/NDF : 26.6/25

asym_usl_atl2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3226.995+/-1.044 χ^2/NDF : 380307.1/11

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

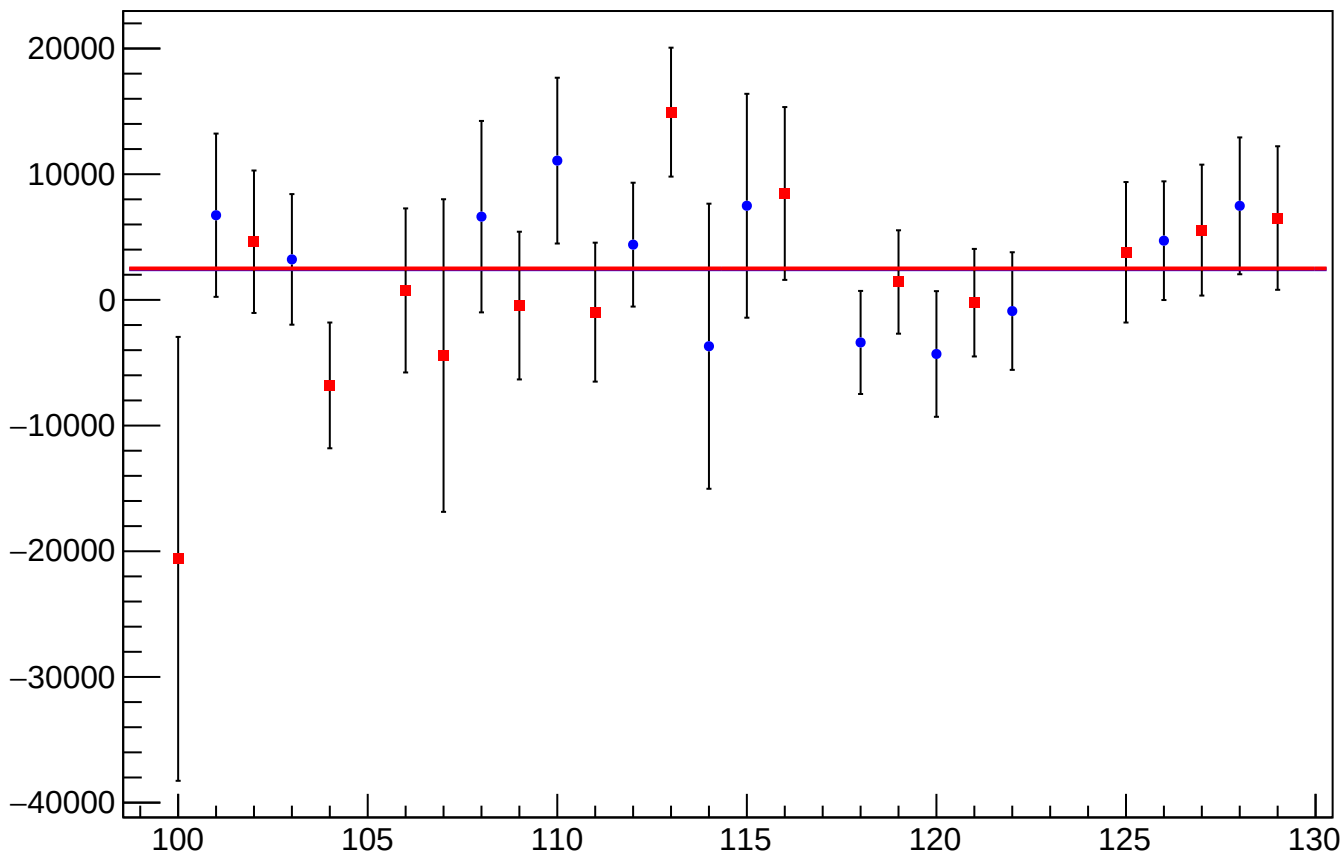
Right: 3213.484+/-0.706 χ^2/NDF : 713732.1/25

In: 3226.995+/-1.044 χ^2/NDF : 380307.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3213.484+/-0.706 χ^2/NDF : 713732.1/25

asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2444.524+/-1608.893 χ^2 /NDF: 8.7/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 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

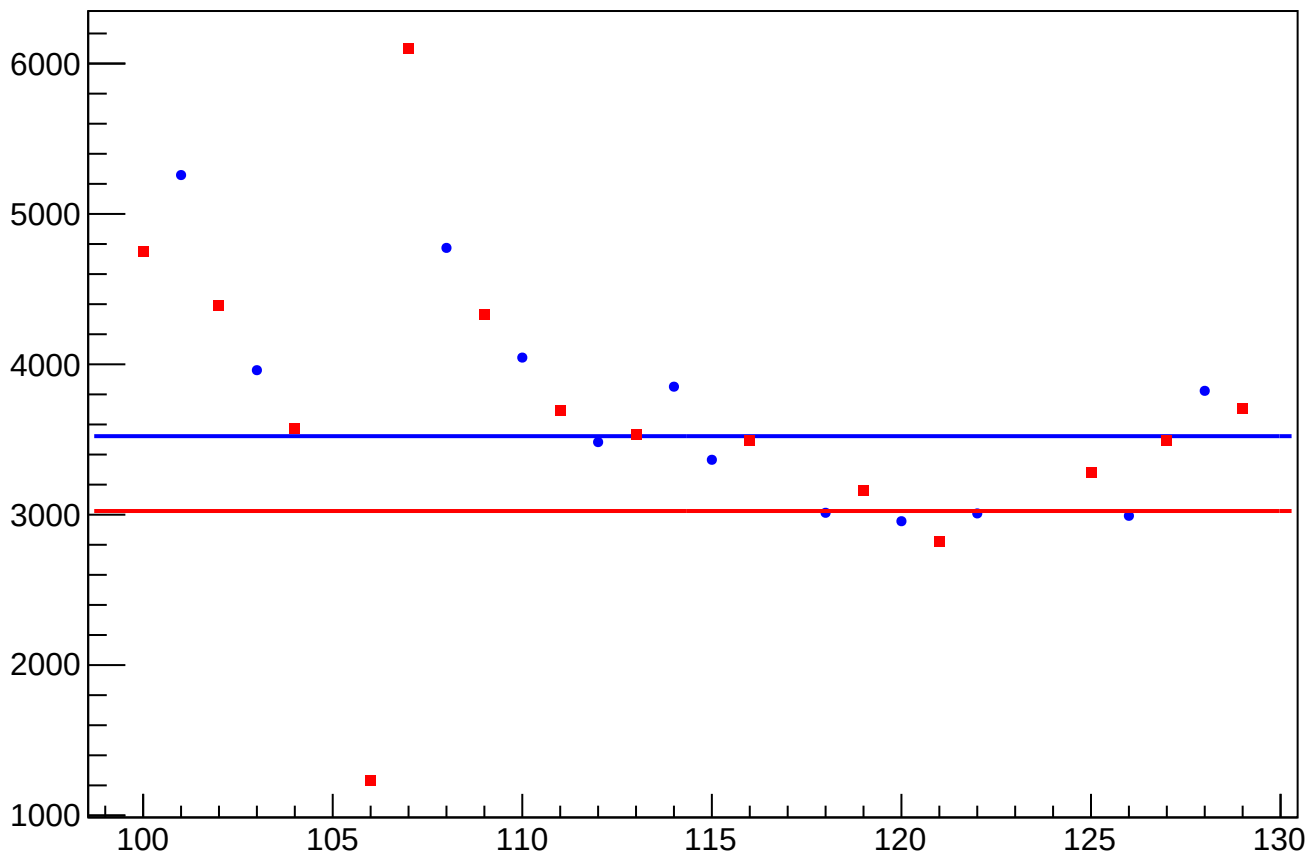
Right: 2472.520+/-1101.177 χ^2 /NDF: 23.0/25

In: 2444.524+/-1608.893 χ^2 /NDF:8.7/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2472.520+/-1101.177 χ^2 /NDF: 23.0/25

asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 3522.258+/-1.138 χ^2/NDF : 338130.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

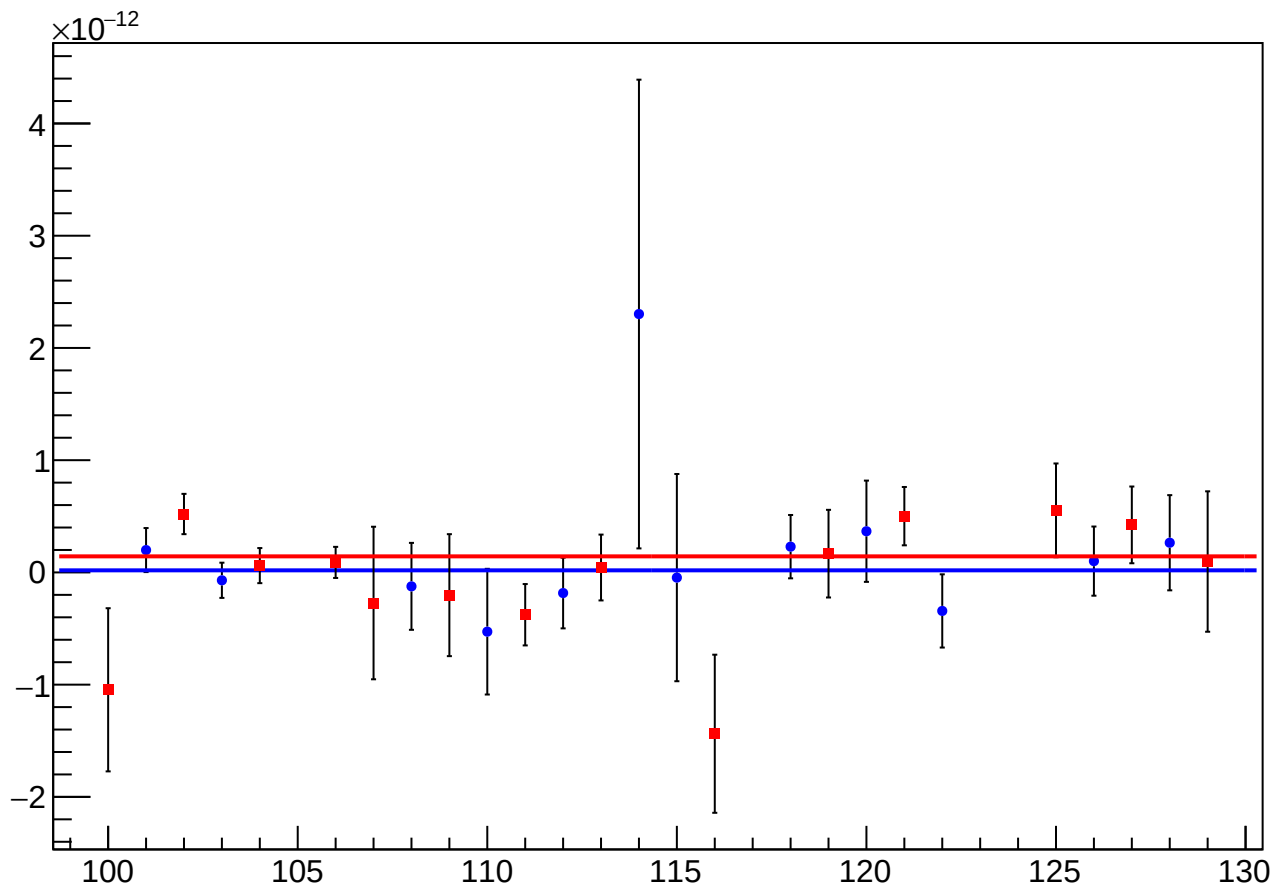
Right: 3232.383+/-0.735 χ^2/NDF : 1739232.7/25

In: 3522.258+/-1.138 χ^2/NDF : 338130.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3232.383+/-0.735 χ^2/NDF : 1739232.7/25

asym_usl_atl2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 6.7/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 20.6/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

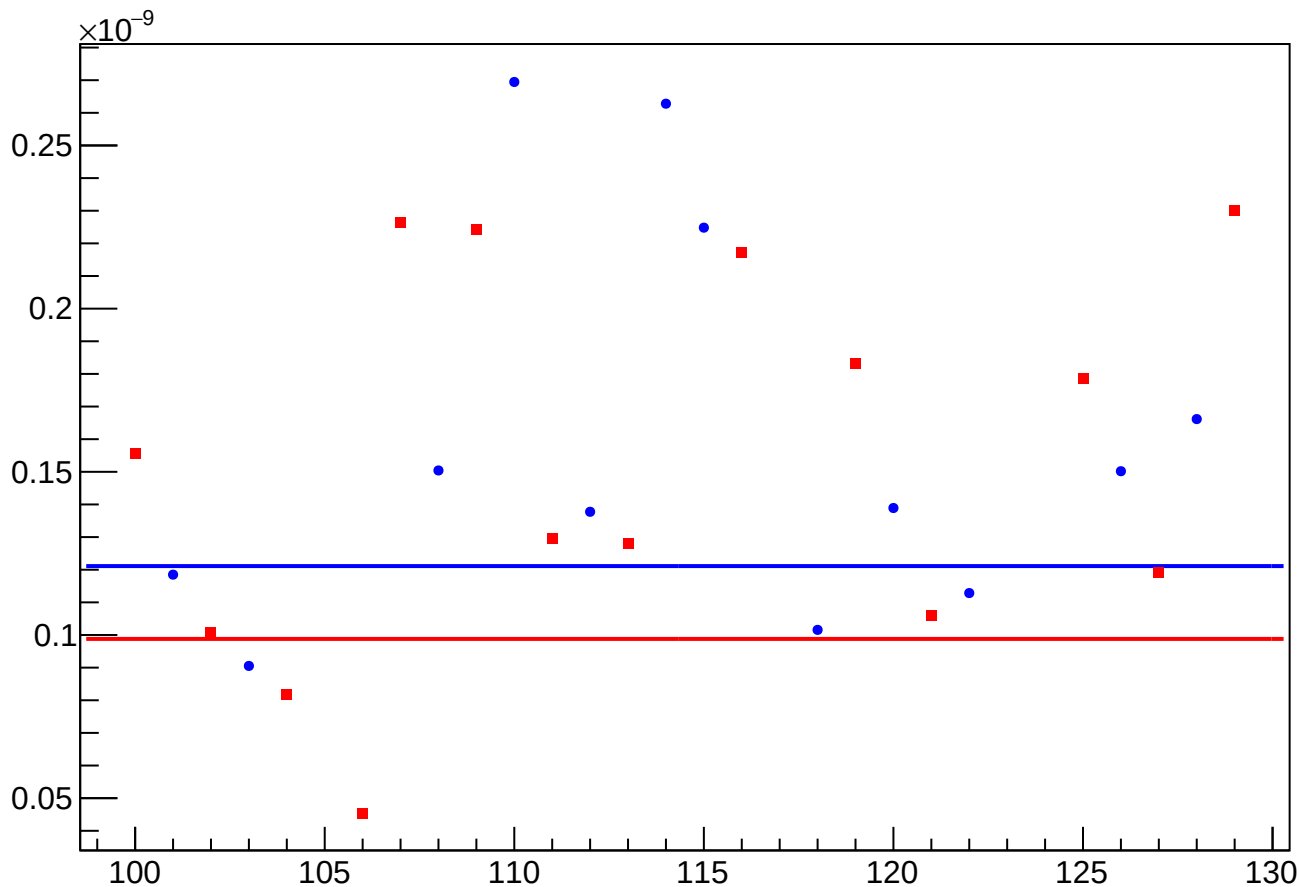
Right: 0.000 ± 0.000 χ^2/NDF : 28.5/25

In: 0.000 ± 0.000 χ^2/NDF : 6.7/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 28.5/25

asym_usl_atl2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 322599.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

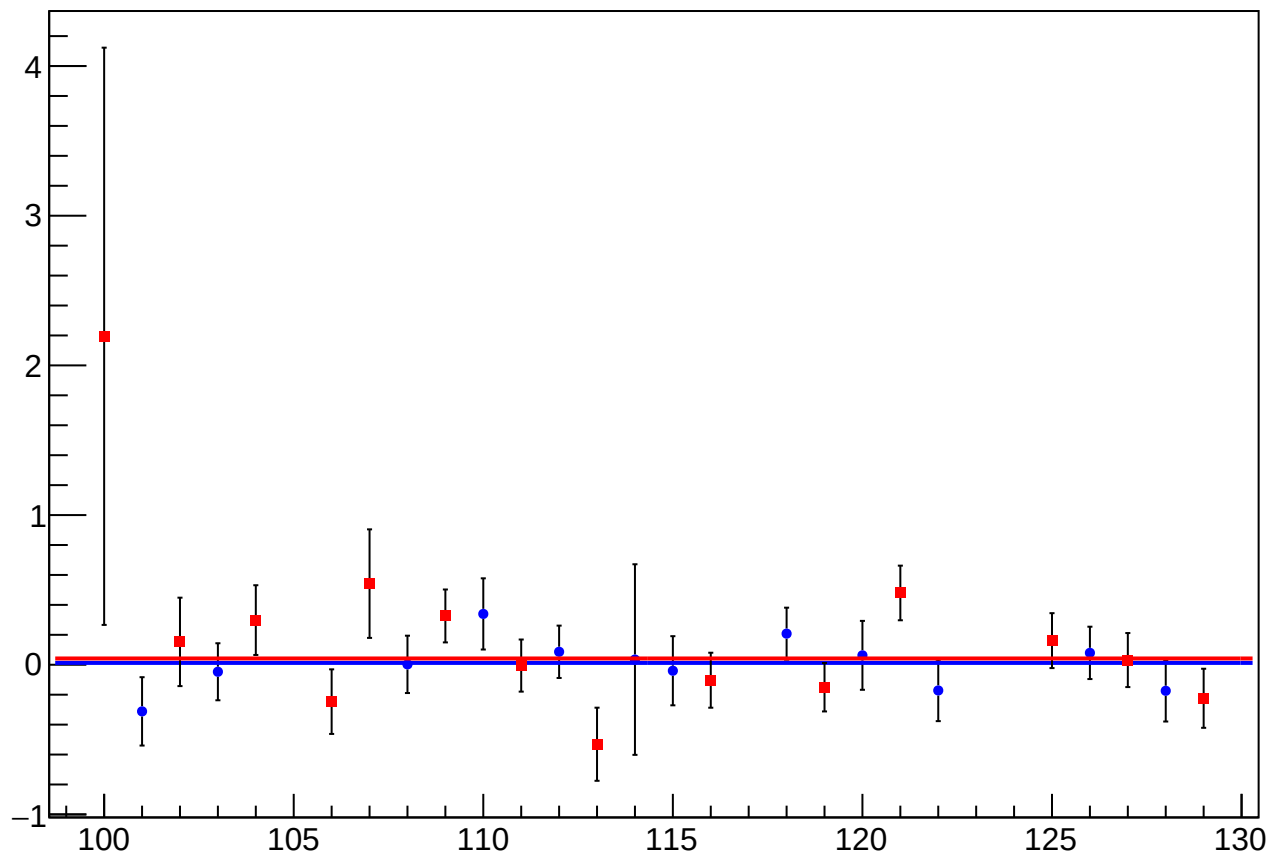
Right: 0.000+/-0.000 χ^2/NDF : 1277895.7/25

In: 0.000+/-0.000 χ^2/NDF : 322599.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1277895.7/25

asym_usl_atl2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.060 χ^2 /NDF: 7.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.042 $\pm$ 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

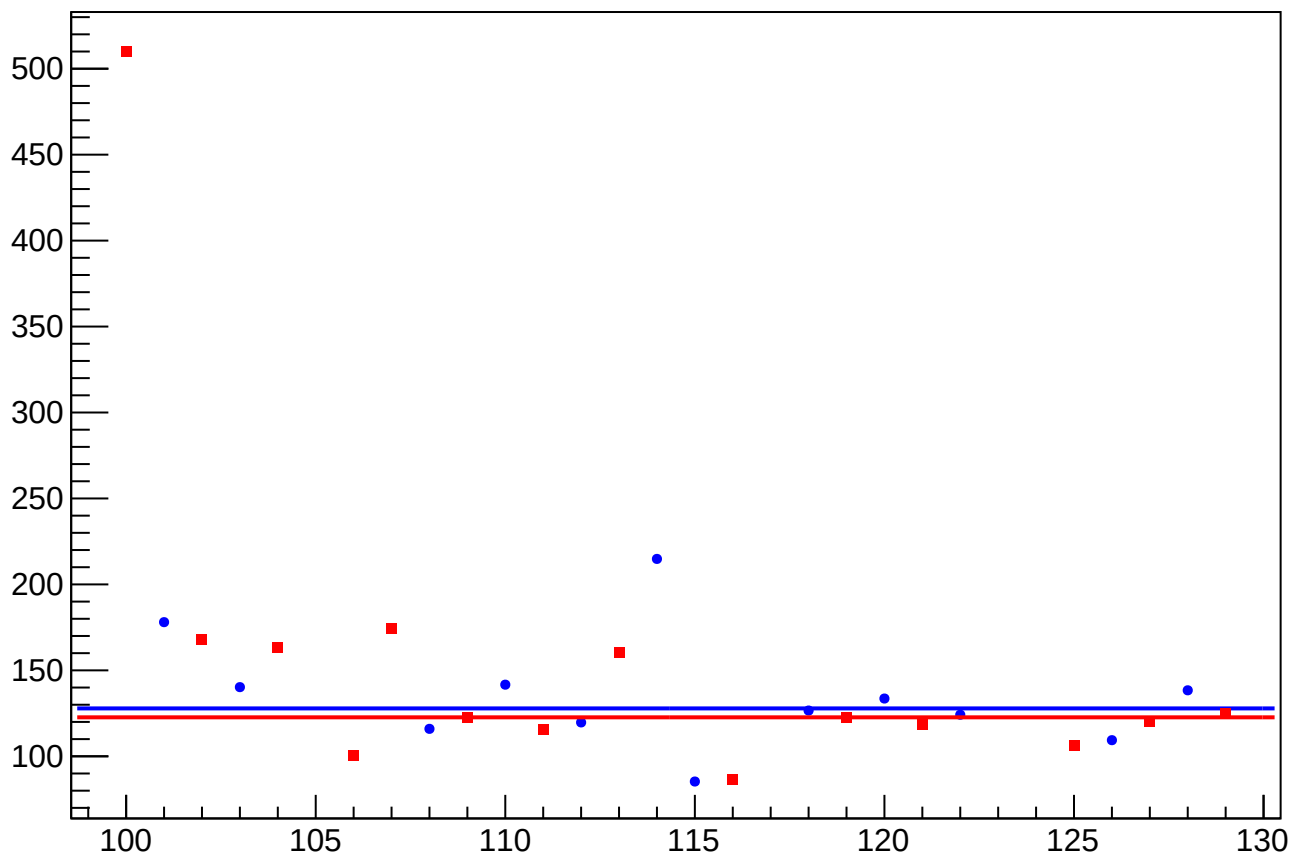
Right: 0.028 $\pm$ 0.041 χ^2 /NDF: 31.9/25

In: 0.012 $\pm$ 0.060 χ^2 /NDF:7.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.028 $\pm$ 0.041 χ^2 /NDF: 31.9/25

asym_usl_atl2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 127.863+/-0.042 χ^2/NDF : 258539.3/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 122.671+/-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

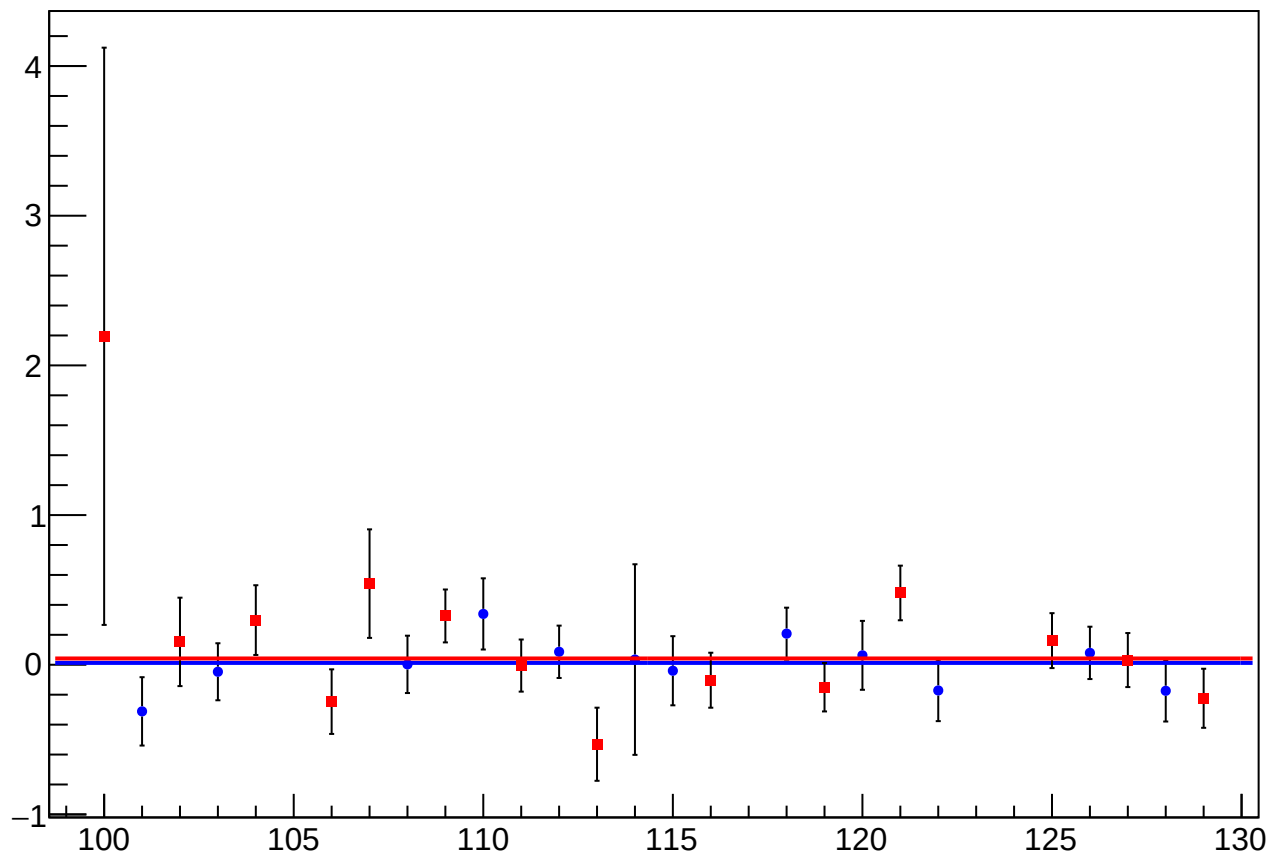
Right: 125.065+/-0.029 χ^2/NDF : 661397.6/25

In: 127.863+/-0.042 χ^2/NDF :258539.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 125.065+/-0.029 χ^2/NDF : 661397.6/25

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.060 χ^2 /NDF: 7.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.042 $\pm$ 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

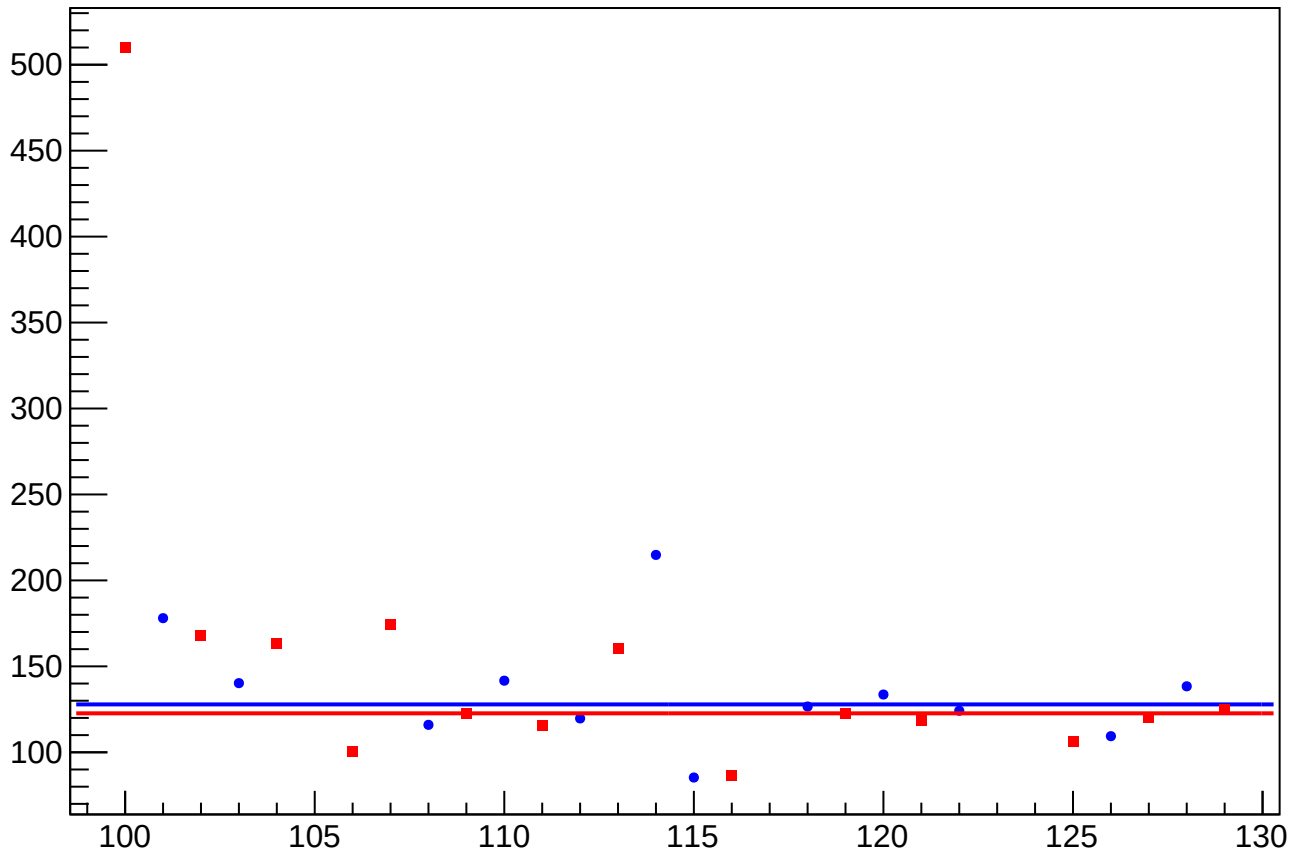
Right: 0.028 $\pm$ 0.041 χ^2 /NDF: 31.9/25

In: 0.012 $\pm$ 0.060 χ^2 /NDF:7.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.028 $\pm$ 0.041 χ^2 /NDF: 31.9/25

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 127.863+/-0.042 χ^2/NDF : 258539.3/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 122.671+/-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

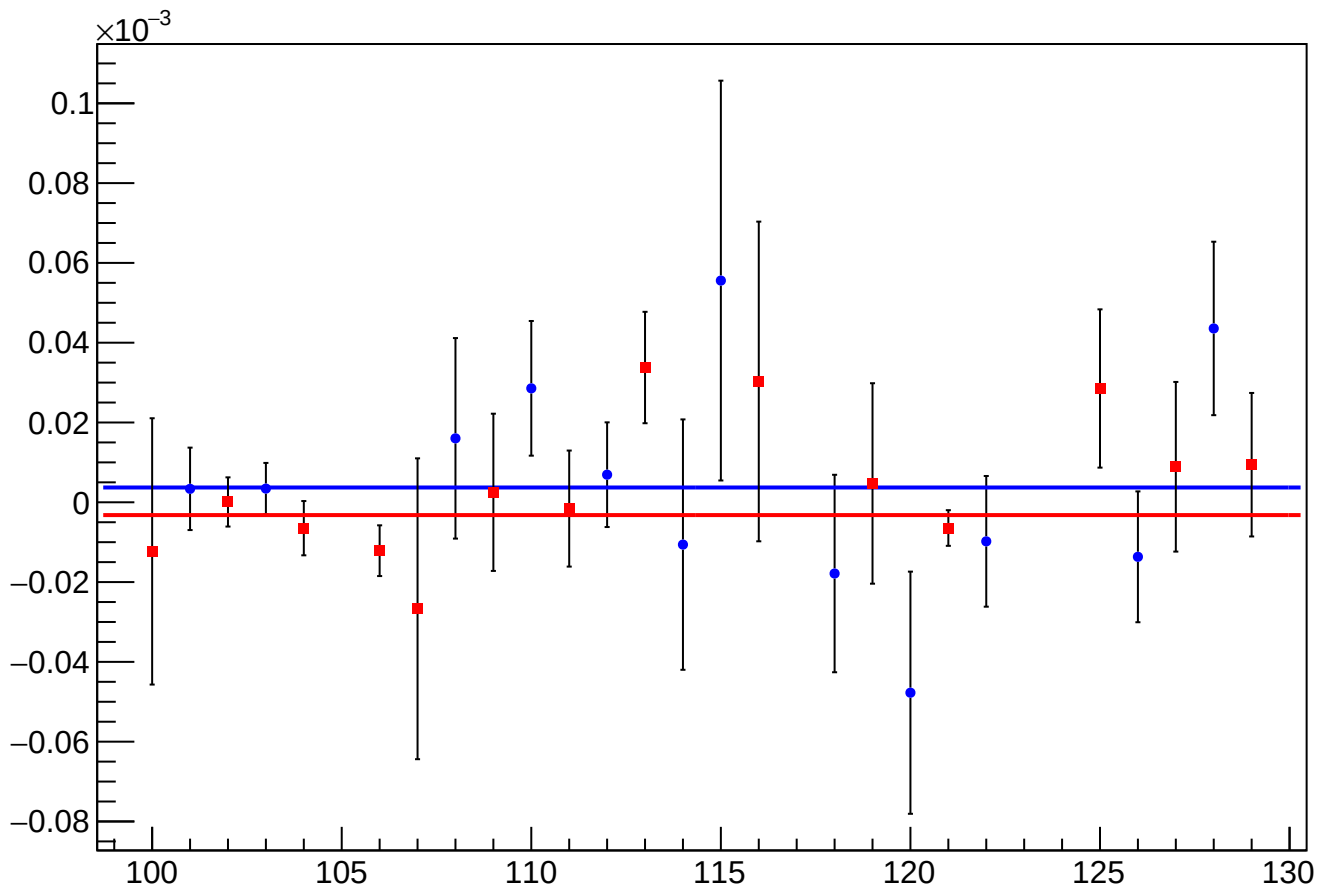
Right: 125.065+/-0.029 χ^2/NDF : 661397.6/25

In: 127.863+/-0.042 χ^2/NDF :258539.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 125.065+/-0.029 χ^2/NDF : 661397.6/25

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

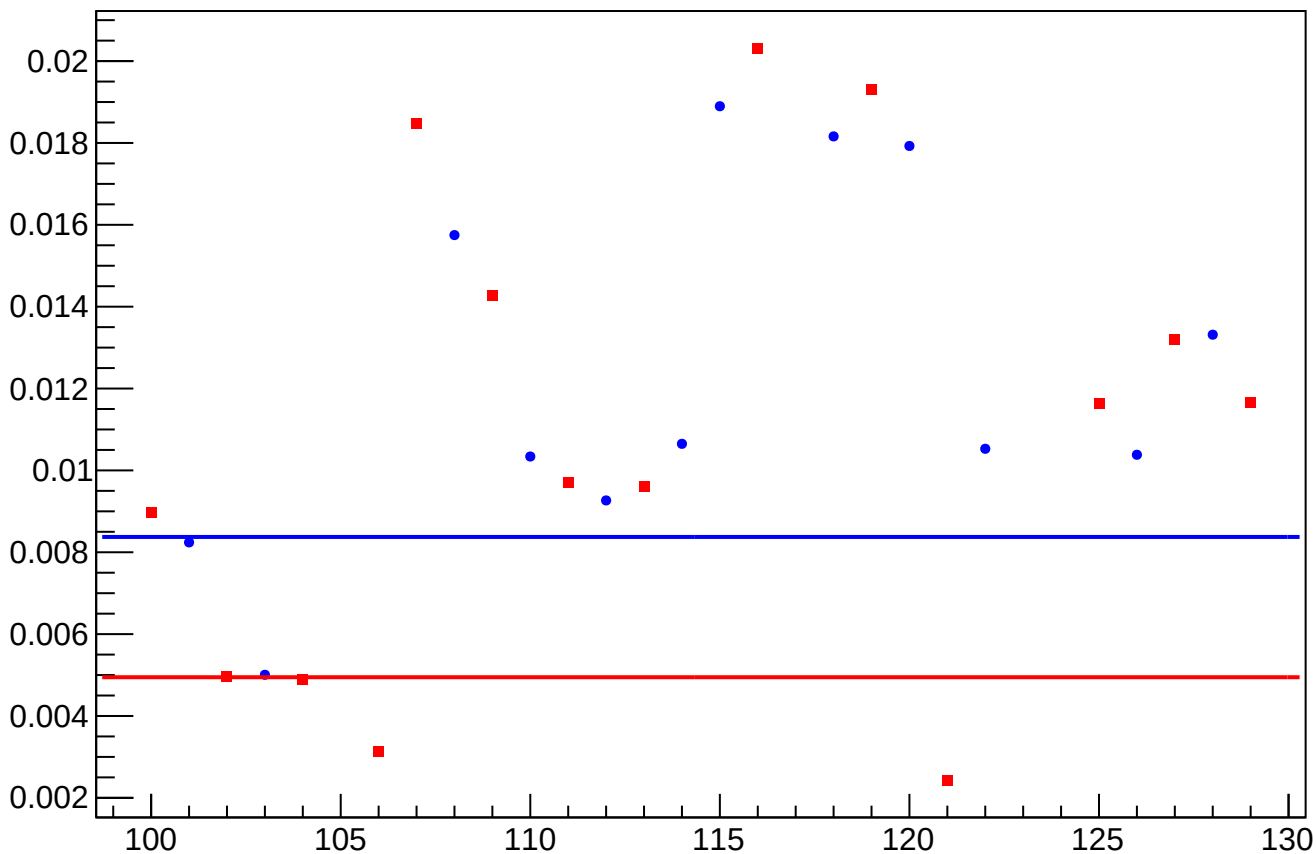
Right: -0.000+/-0.000 χ^2/NDF : 29.3/25

In: 0.000+/-0.000 χ^2/NDF : 12.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.3/25

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 1534146.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 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

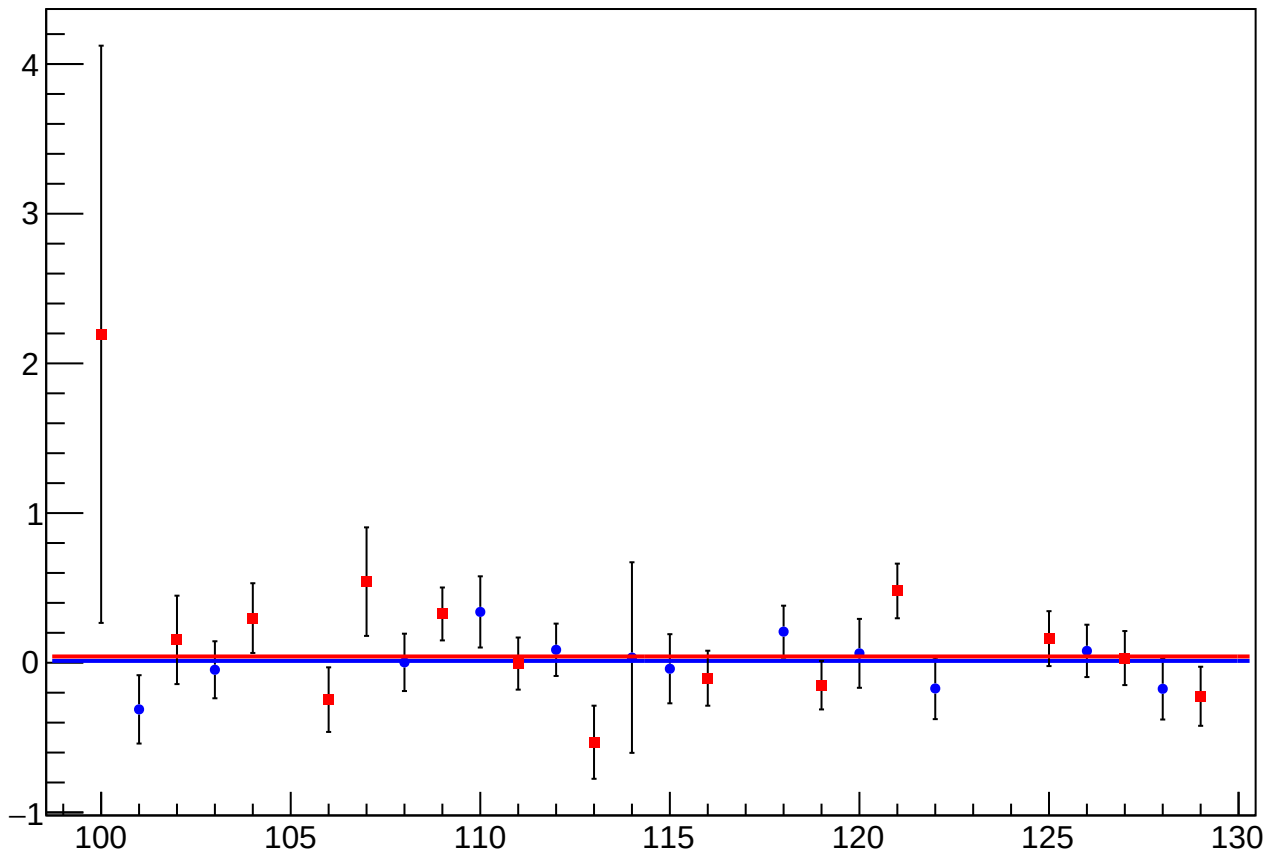
Right: 0.006+/-0.000 χ^2/NDF : 6242373.6/25

In: 0.008+/-0.000 χ^2/NDF :1534146.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 6242373.6/25

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.060 χ^2 /NDF: 7.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.042 $\pm$ 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

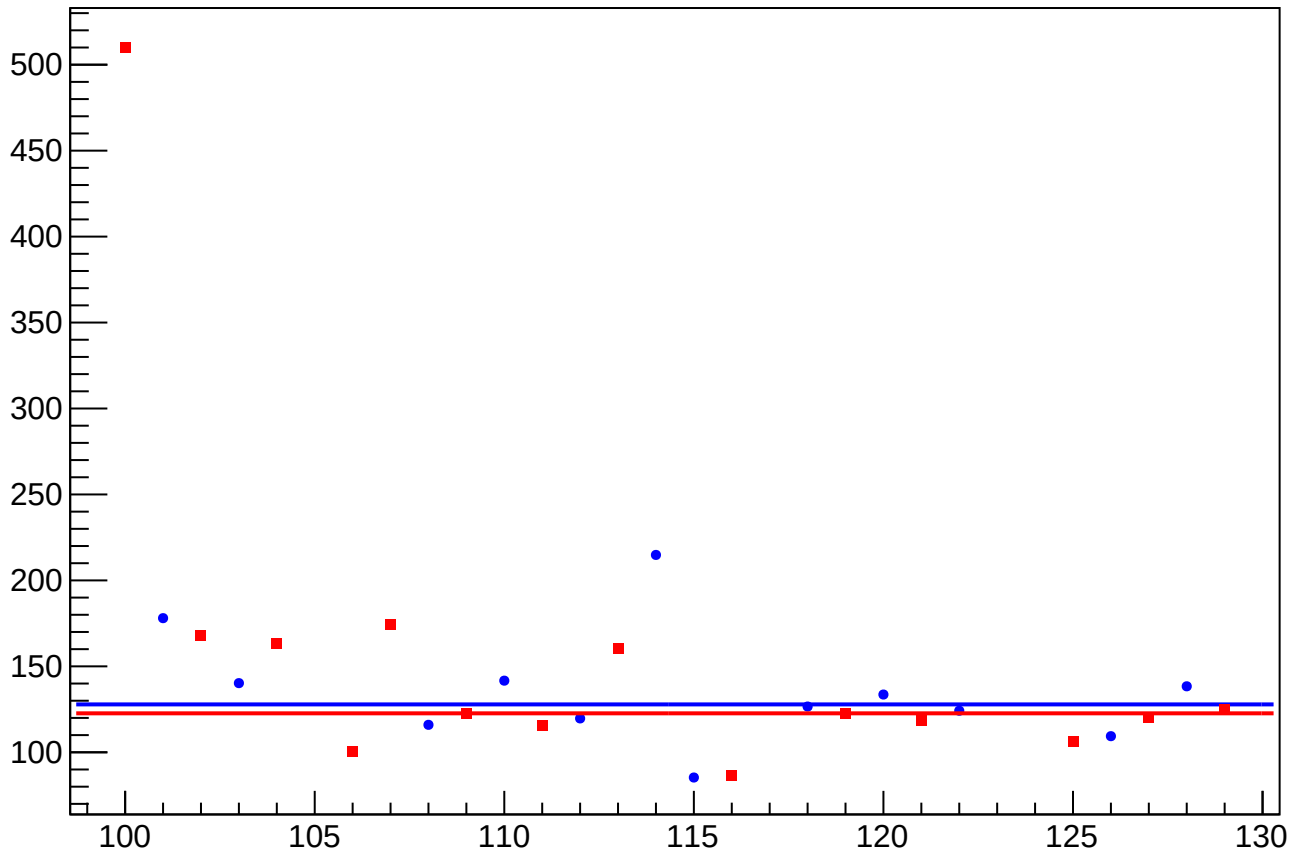
Right: 0.028 $\pm$ 0.041 χ^2 /NDF: 31.9/25

In: 0.012 $\pm$ 0.060 χ^2 /NDF:7.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.028 $\pm$ 0.041 χ^2 /NDF: 31.9/25

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 127.863+/-0.042 χ^2/NDF : 258525.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 122.671+/-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

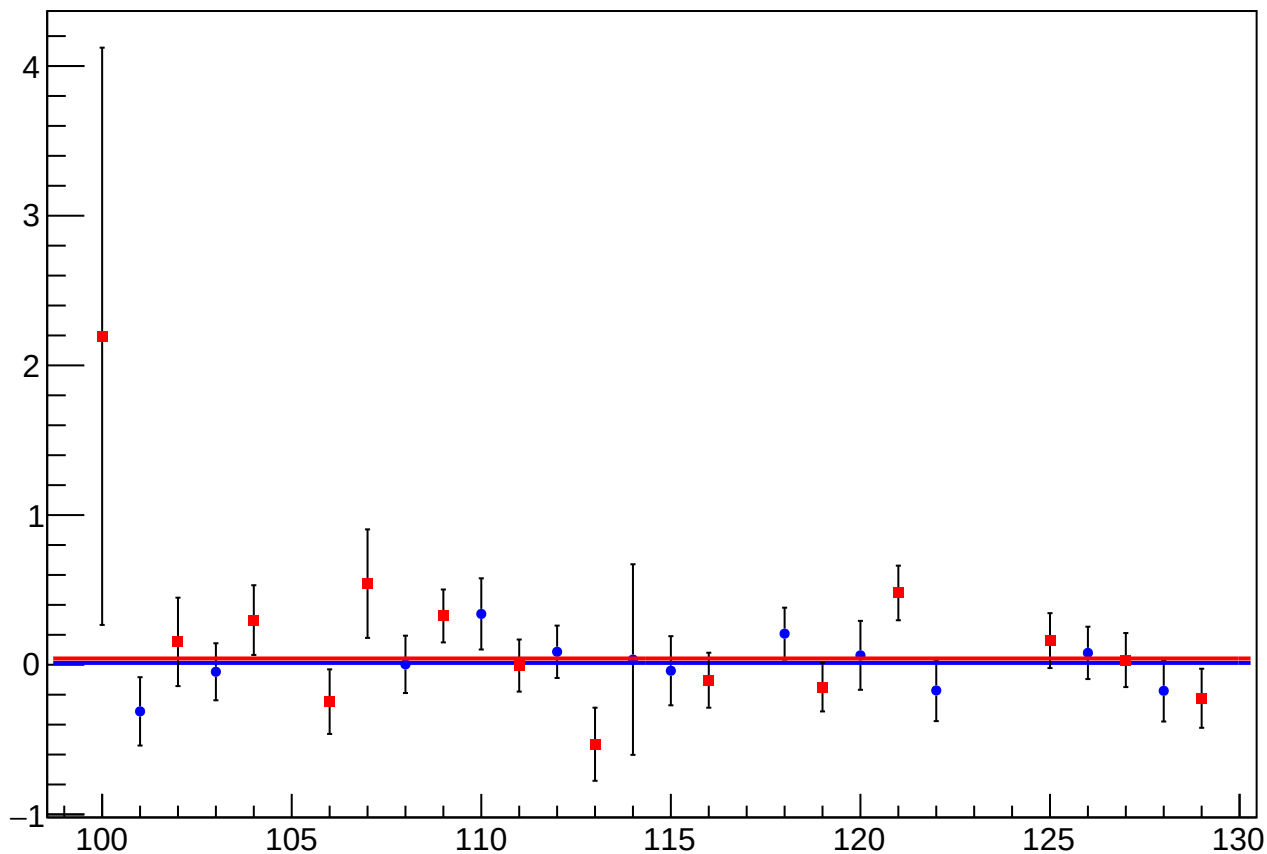
Right: 125.065+/-0.029 χ^2/NDF : 661360.6/25

In: 127.863+/-0.042 χ^2/NDF :258525.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 125.065+/-0.029 χ^2/NDF : 661360.6/25

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.060 χ^2 /NDF: 7.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.042 $\pm$ 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

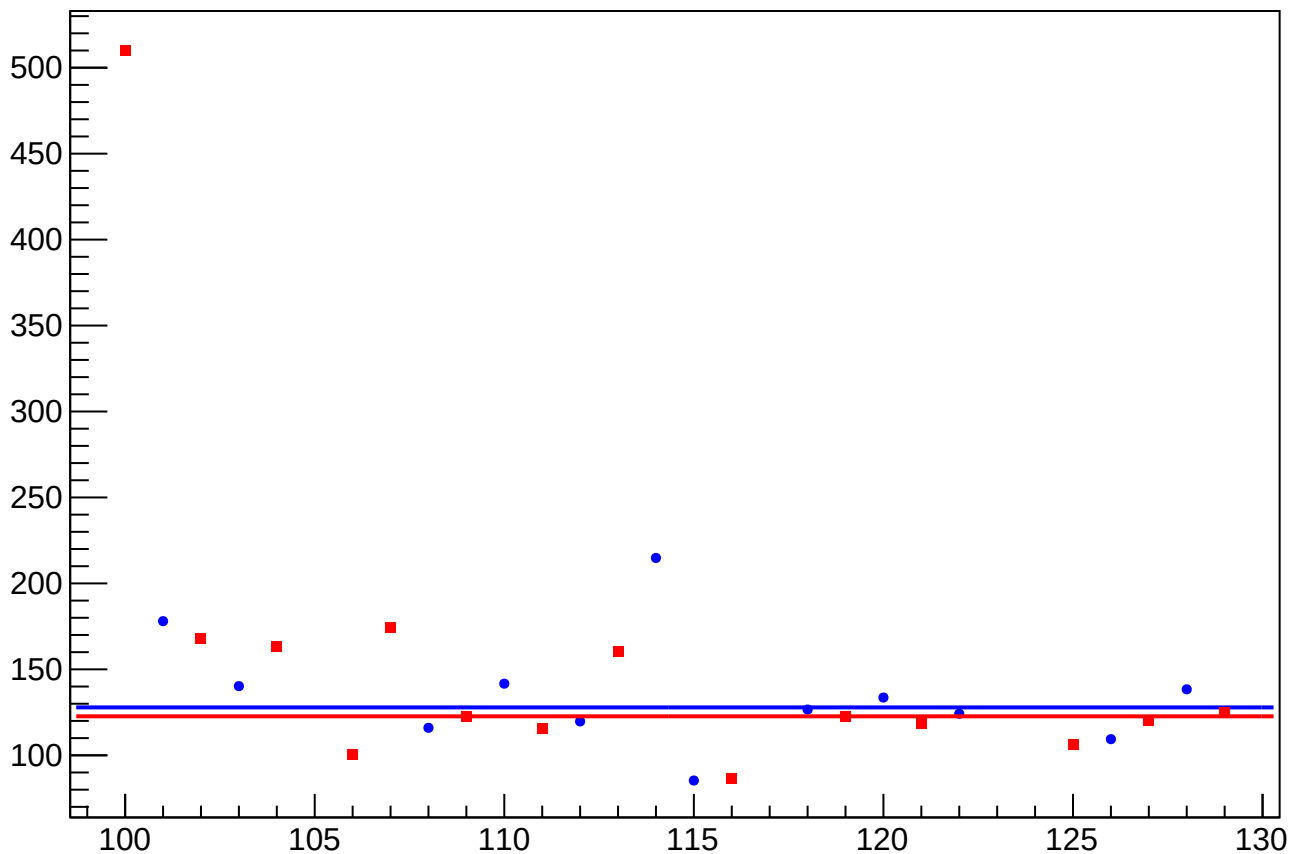
Right: 0.028 $\pm$ 0.041 χ^2 /NDF: 31.9/25

In: 0.012 $\pm$ 0.060 χ^2 /NDF:7.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.028 $\pm$ 0.041 χ^2 /NDF: 31.9/25

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 127.863+/-0.042 χ^2/NDF : 258525.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.671+/-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

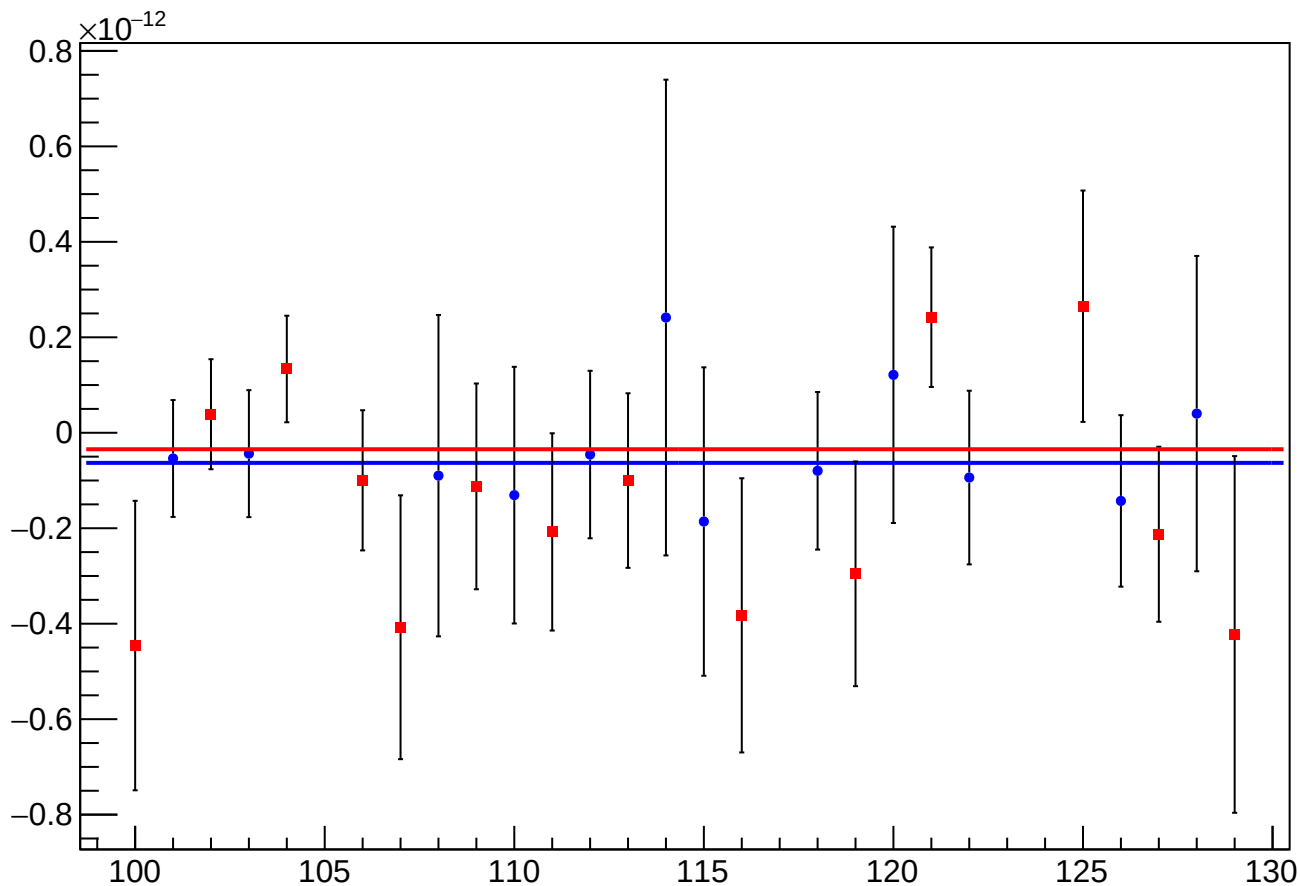
Right: 125.065+/-0.029 χ^2/NDF : 661360.6/25

In: 127.863+/-0.042 χ^2/NDF : 258525.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.065+/-0.029 χ^2/NDF : 661360.6/25

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 1.3/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 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

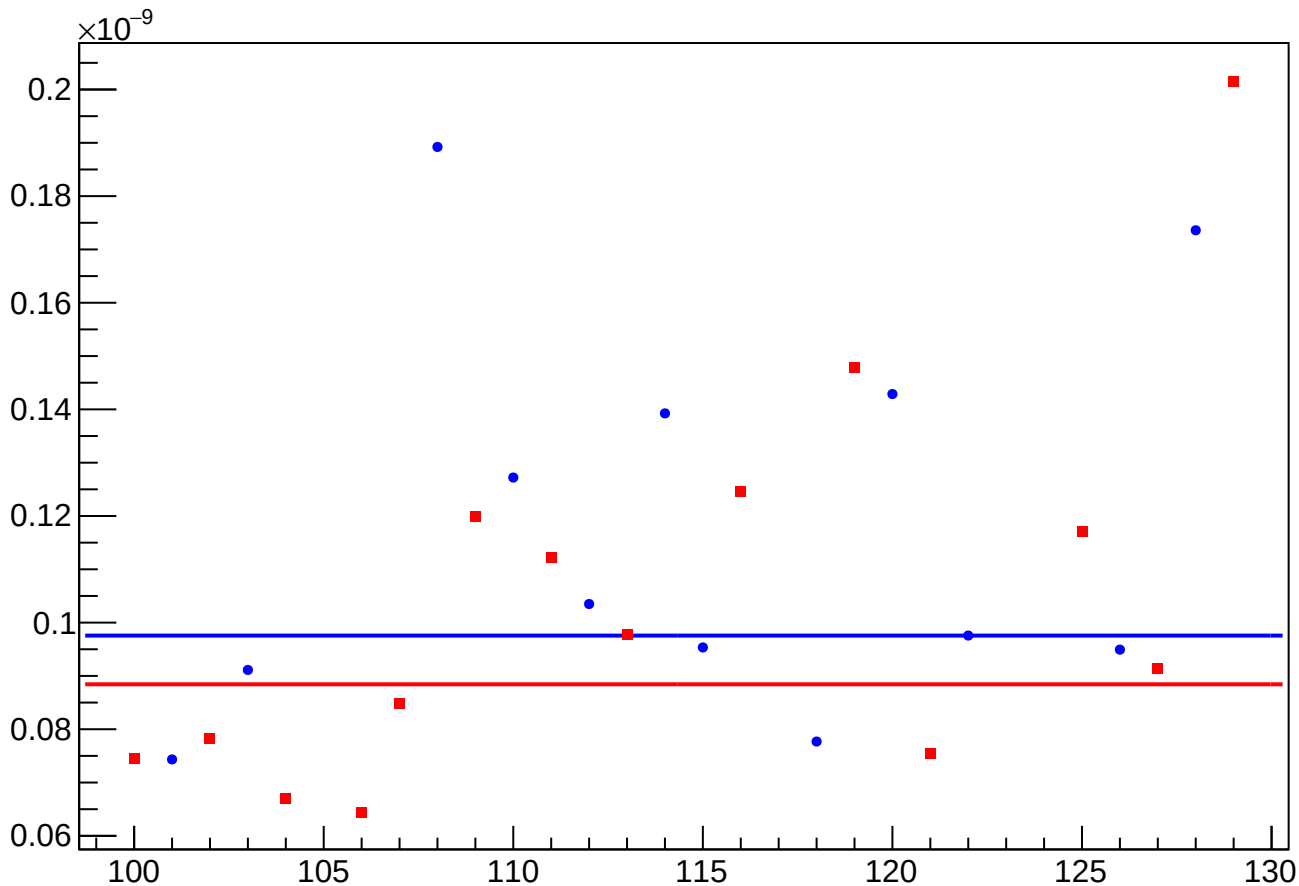
Right: -0.000+/-0.000 χ^2 /NDF: 18.8/25

In: -0.000+/-0.000 χ^2 /NDF:1.3/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 18.8/25

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 443620.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

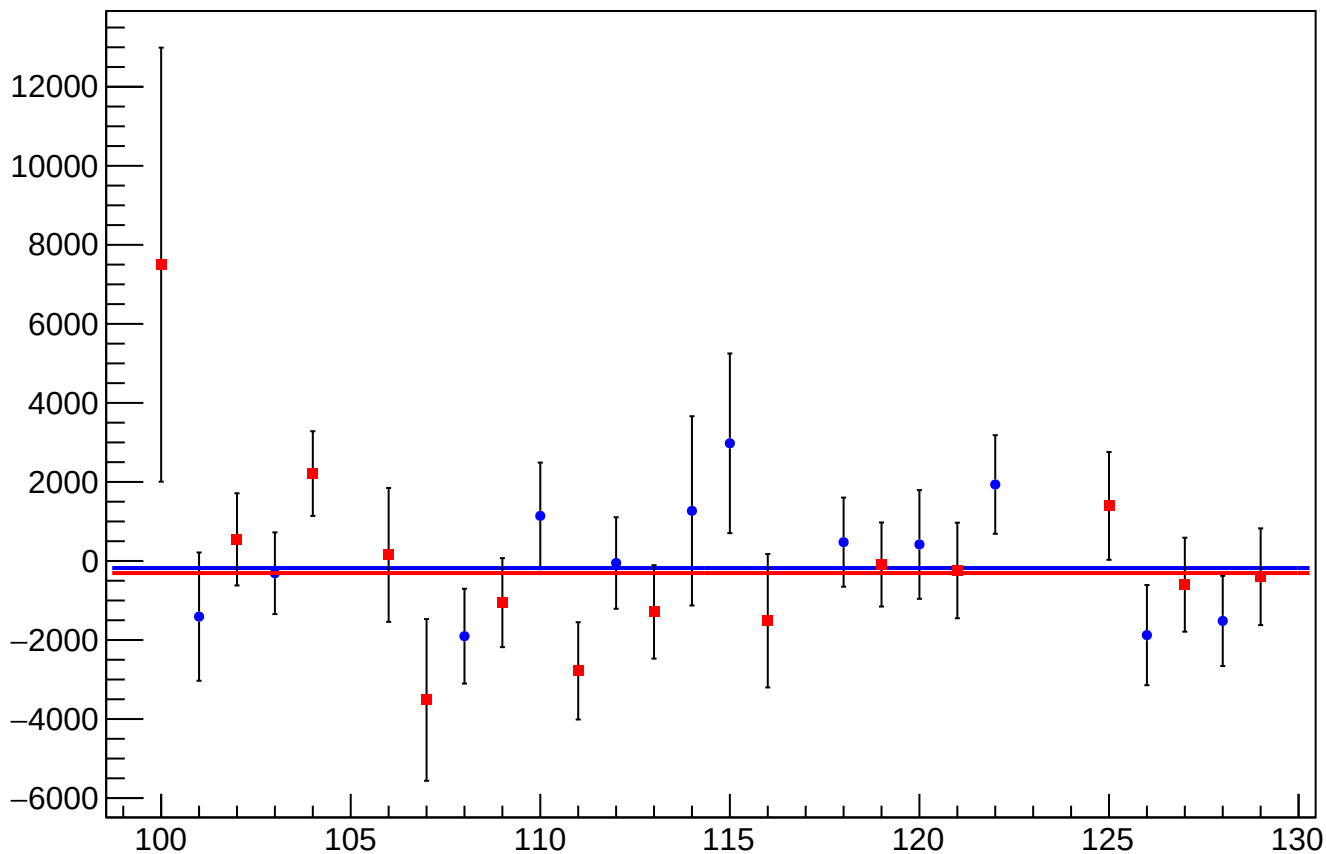
Right: 0.000+/-0.000 χ^2/NDF : 1082624.1/25

In: 0.000+/-0.000 χ^2/NDF : 443620.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1082624.1/25

reg_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -178.563 ± 377.453 χ^2/NDF : 12.5/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

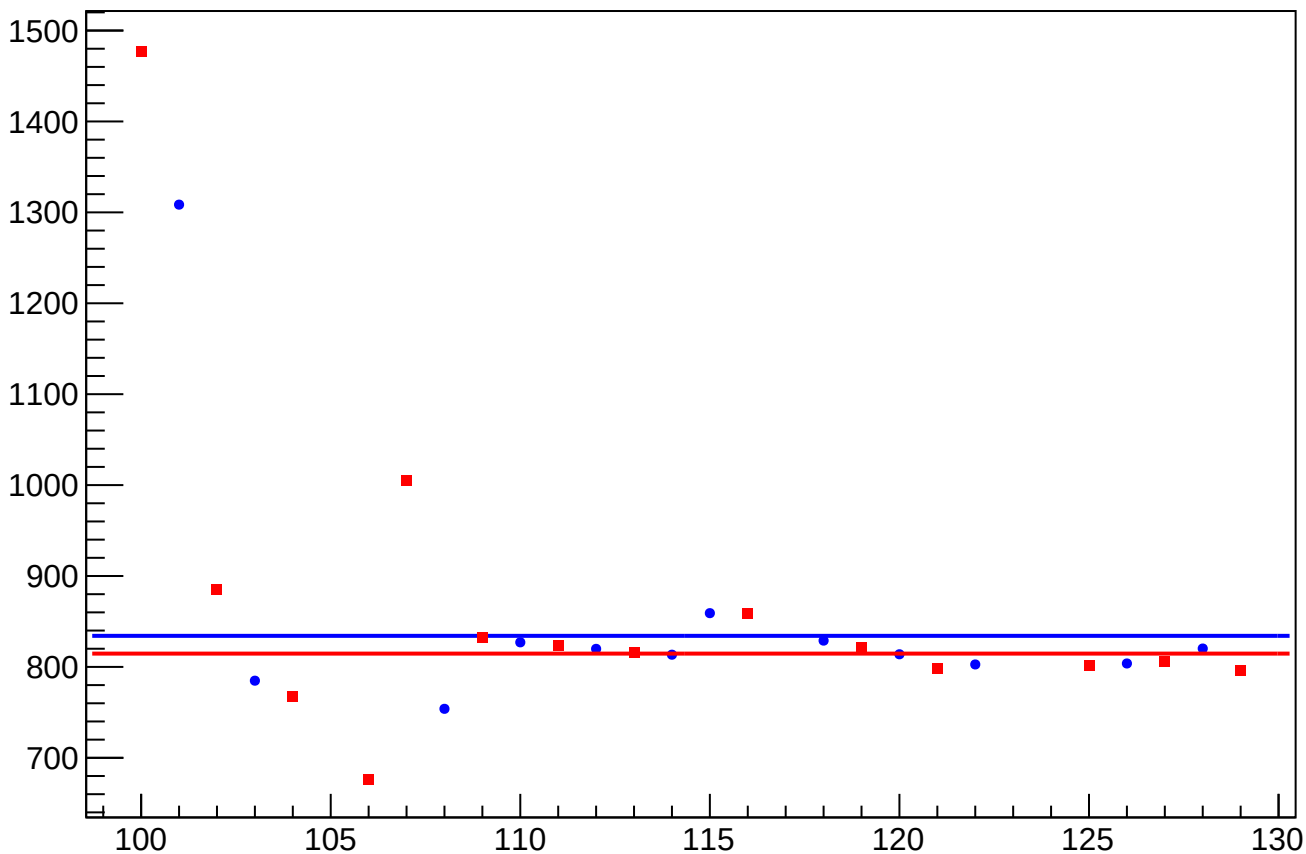
Right: -247.207 ± 256.143 χ^2/NDF : 30.5/25

In: -178.563 ± 377.453 χ^2/NDF : 12.5/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -247.207 ± 256.143 χ^2/NDF : 30.5/25

reg_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 834.182+/-0.267 χ^2/NDF : 188222.2/11

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

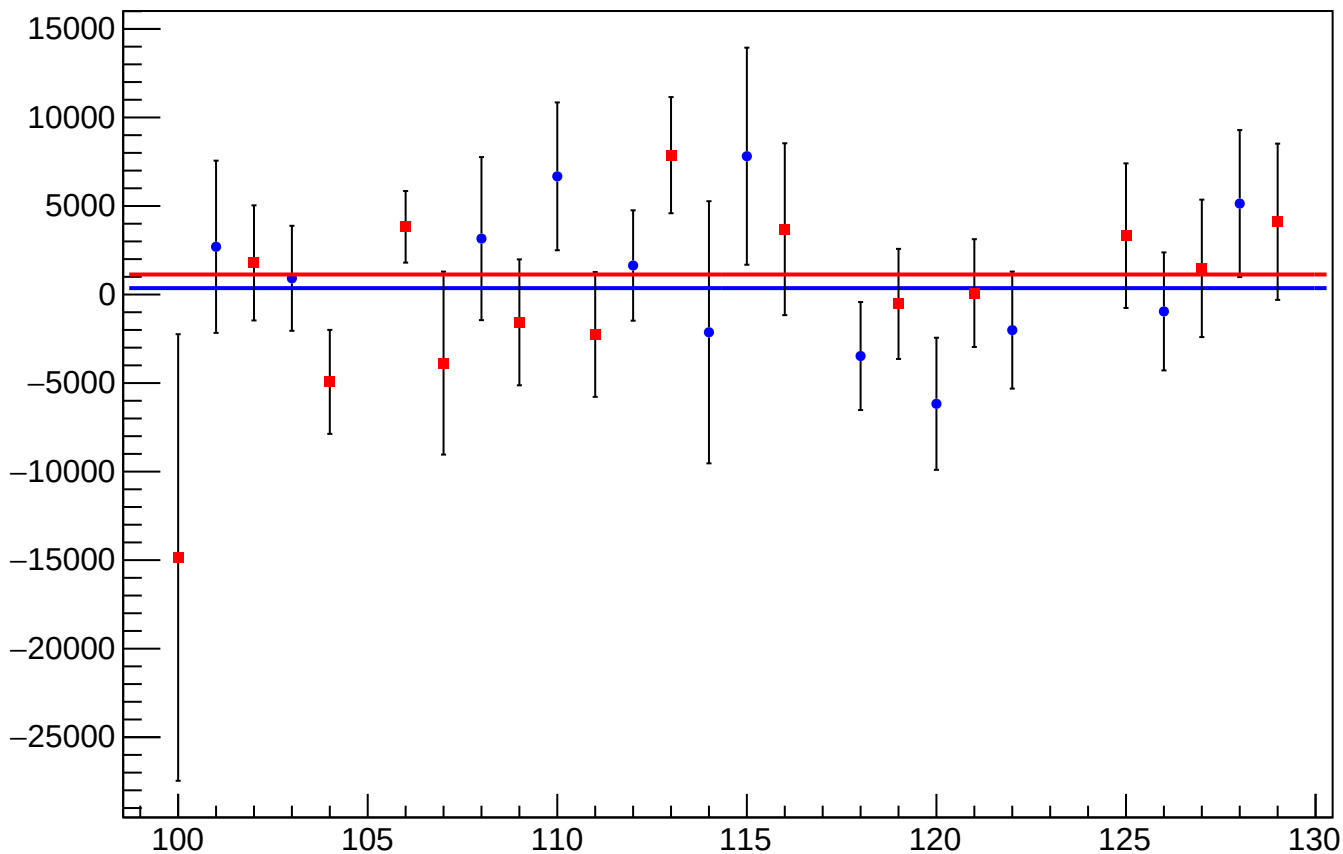
Right: 823.499+/-0.180 χ^2/NDF : 274701.8/25

In: 834.182+/-0.267 χ^2/NDF : 188222.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 823.499+/-0.180 χ^2/NDF : 274701.8/25

asym_usl_atl2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 362.189+/-1099.397 χ^2/NDF : 11.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

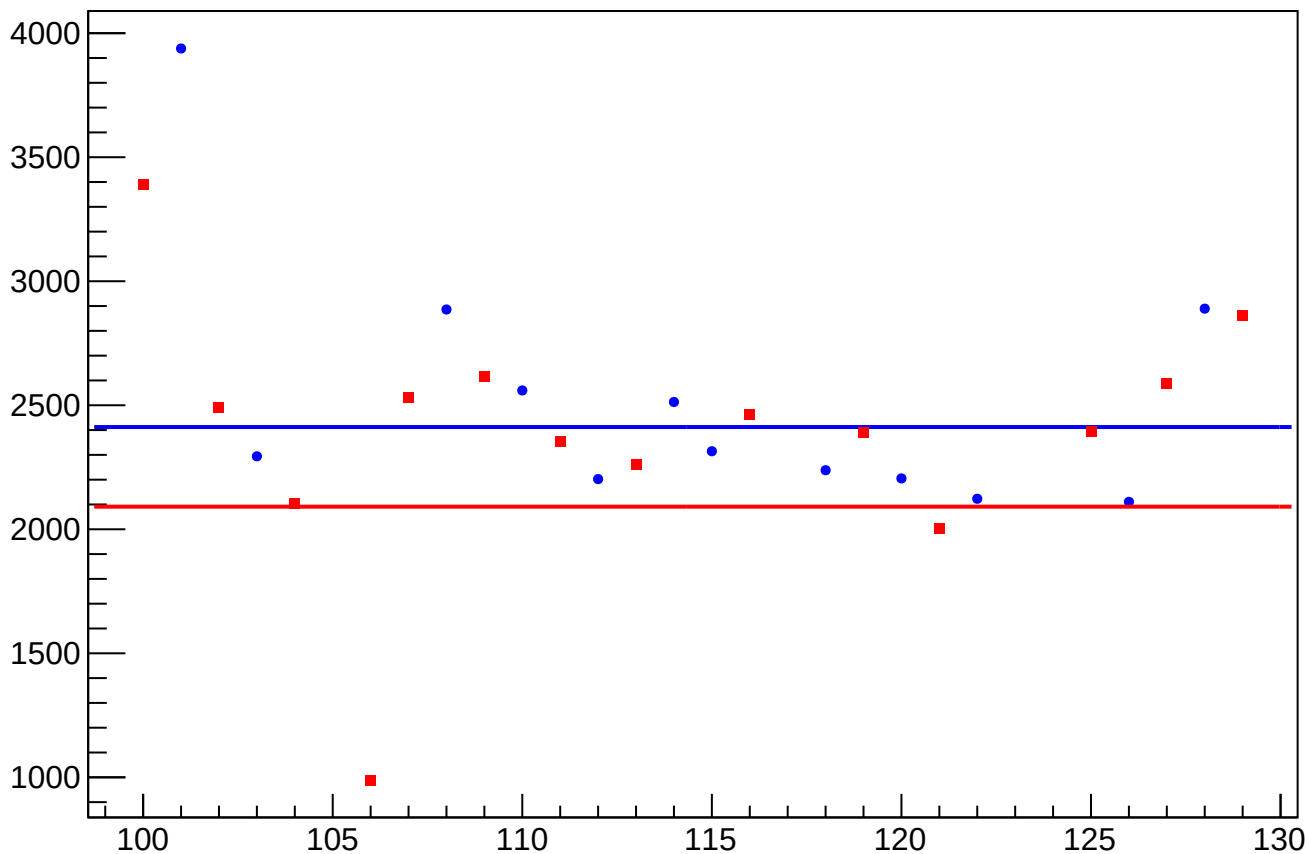
Right: 815.150+/-705.230 χ^2/NDF : 27.4/25

In: 362.189+/-1099.397 χ^2/NDF : 11.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 815.150+/-705.230 χ^2/NDF : 27.4/25

asym_usl_atl2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2412.214+/-0.777 χ^2/NDF : 304505.3/11

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

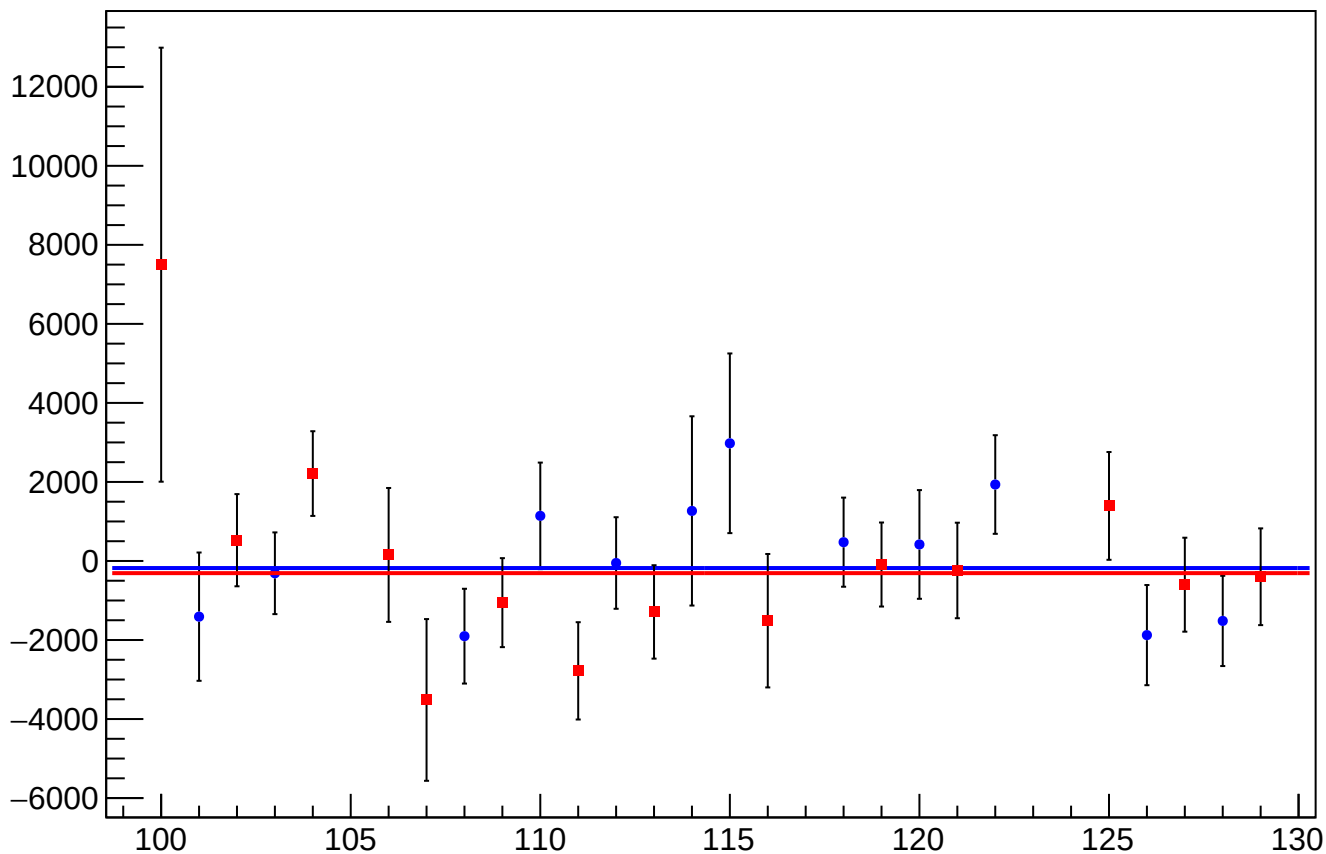
Right: 2223.248+/-0.499 χ^2/NDF : 1263806.9/25

In: 2412.214+/-0.777 χ^2/NDF : 304505.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2223.248+/-0.499 χ^2/NDF : 1263806.9/25

cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -178.666 ± 377.454 χ^2/NDF : 12.5/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

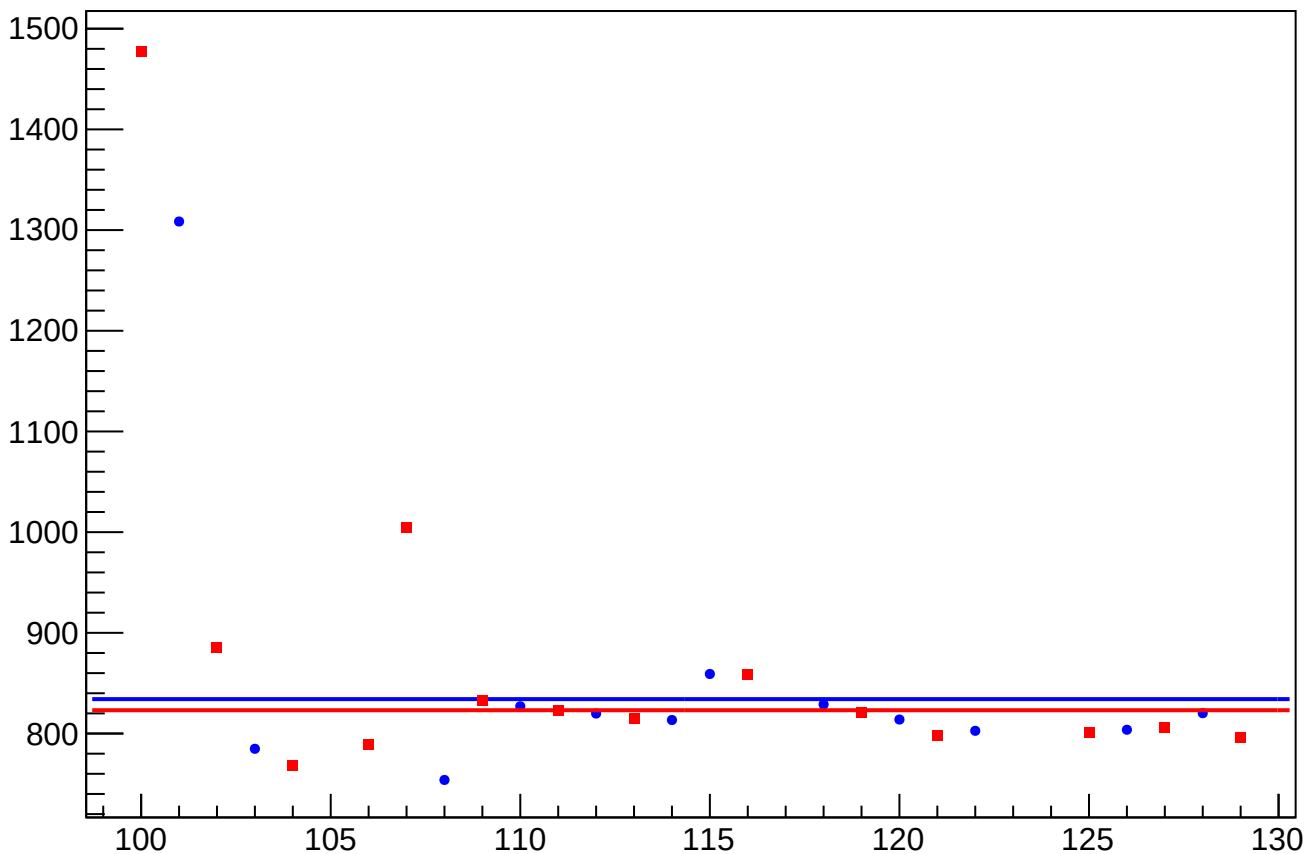
Right: -248.295 ± 256.146 χ^2/NDF : 30.5/25

In: -178.666 ± 377.454 χ^2/NDF : 12.5/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -248.295 ± 256.146 χ^2/NDF : 30.5/25

cor_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 834.182 $\pm$ 0.267 χ^2 /NDF: 188221.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 823.147 $\pm$ 0.245 χ^2 /NDF: 60121.6/13

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

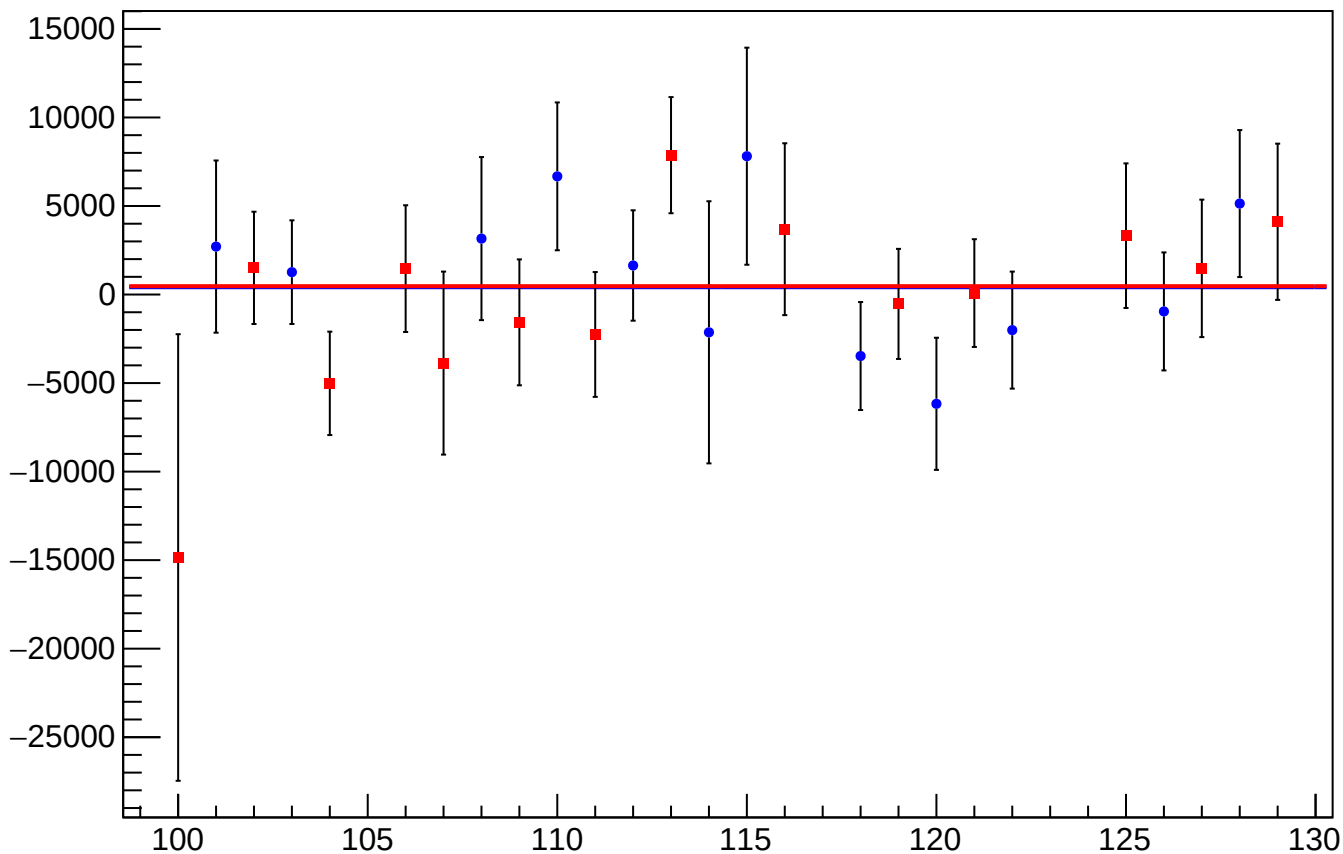
Right: 828.196 $\pm$ 0.181 χ^2 /NDF: 249270.8/25

In: 834.182 $\pm$ 0.267 χ^2 /NDF:188221.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 828.196 $\pm$ 0.181 χ^2 /NDF: 249270.8/25

asym_usl_atl2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 413.537 $\pm$ 1097.380 χ^2 /NDF: 11.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 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

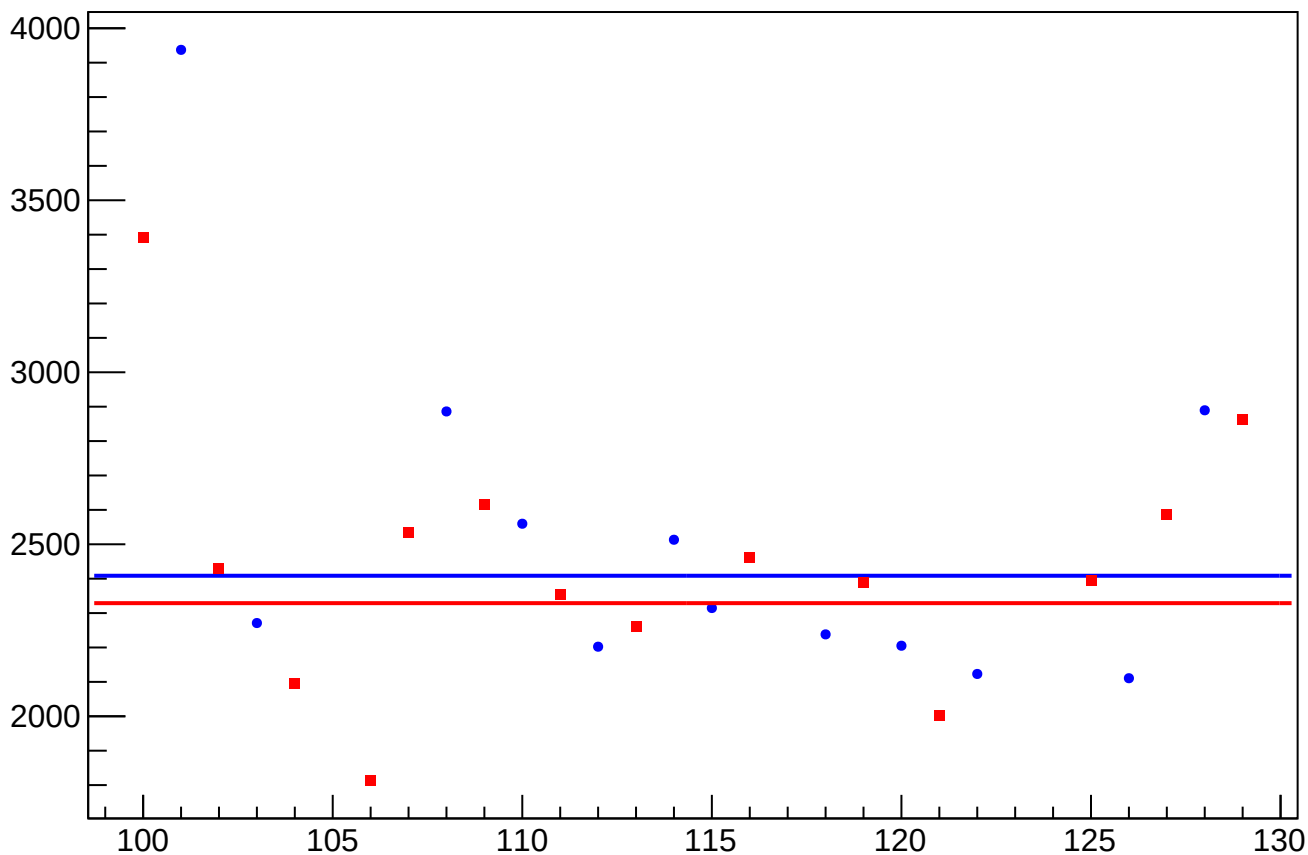
Right: 445.924 $\pm$ 734.585 χ^2 /NDF: 25.1/25

In: 413.537 $\pm$ 1097.380 χ^2 /NDF:11.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 445.924 $\pm$ 734.585 χ^2 /NDF: 25.1/25

asym_usl_atl2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2408.524+/-0.776 χ^2/NDF : 305812.0/11

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

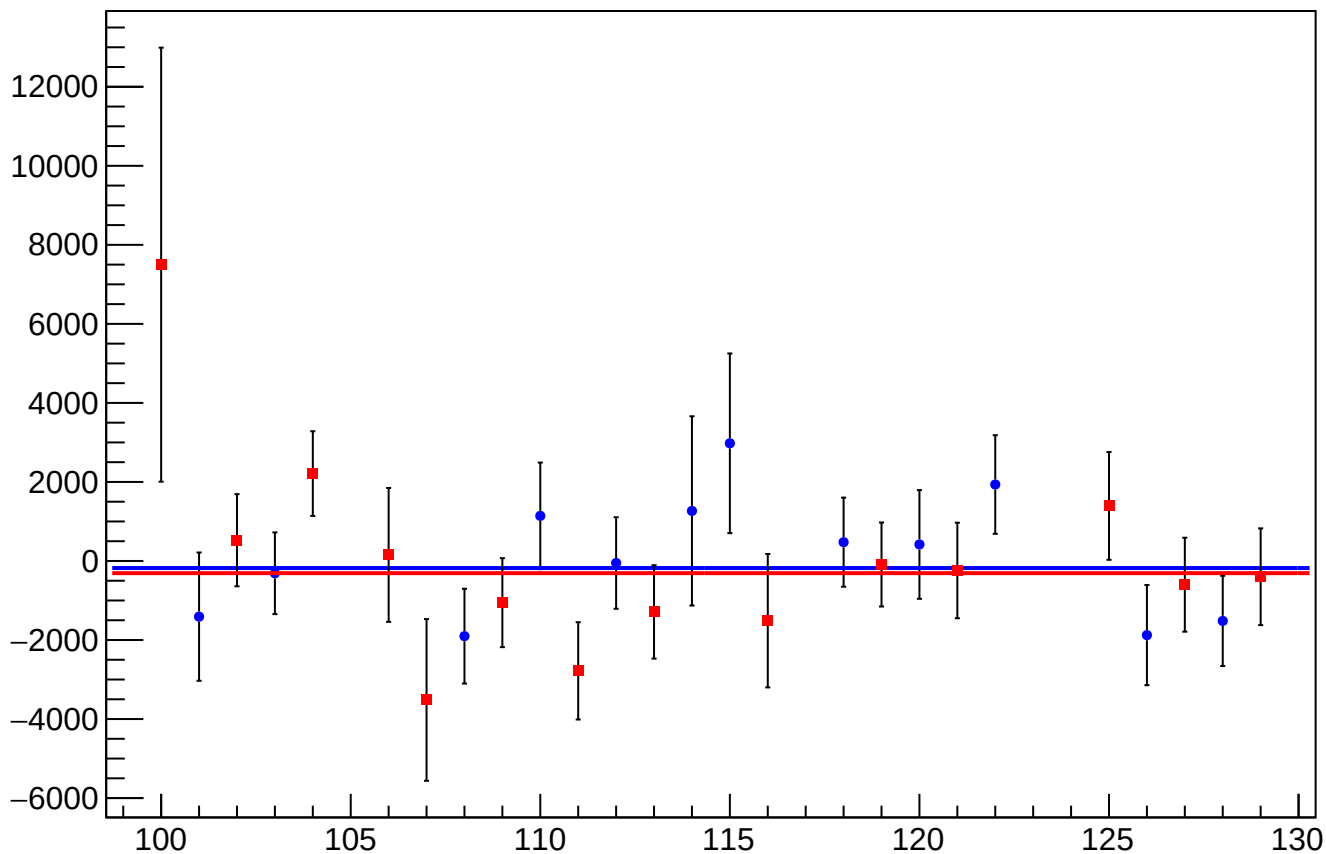
Right: 2364.565+/-0.519 χ^2/NDF : 463526.7/25

In: 2408.524+/-0.776 χ^2/NDF : 305812.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2364.565+/-0.519 χ^2/NDF : 463526.7/25

eigen_cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -178.666+/-377.454 χ^2 /NDF: 12.5/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -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

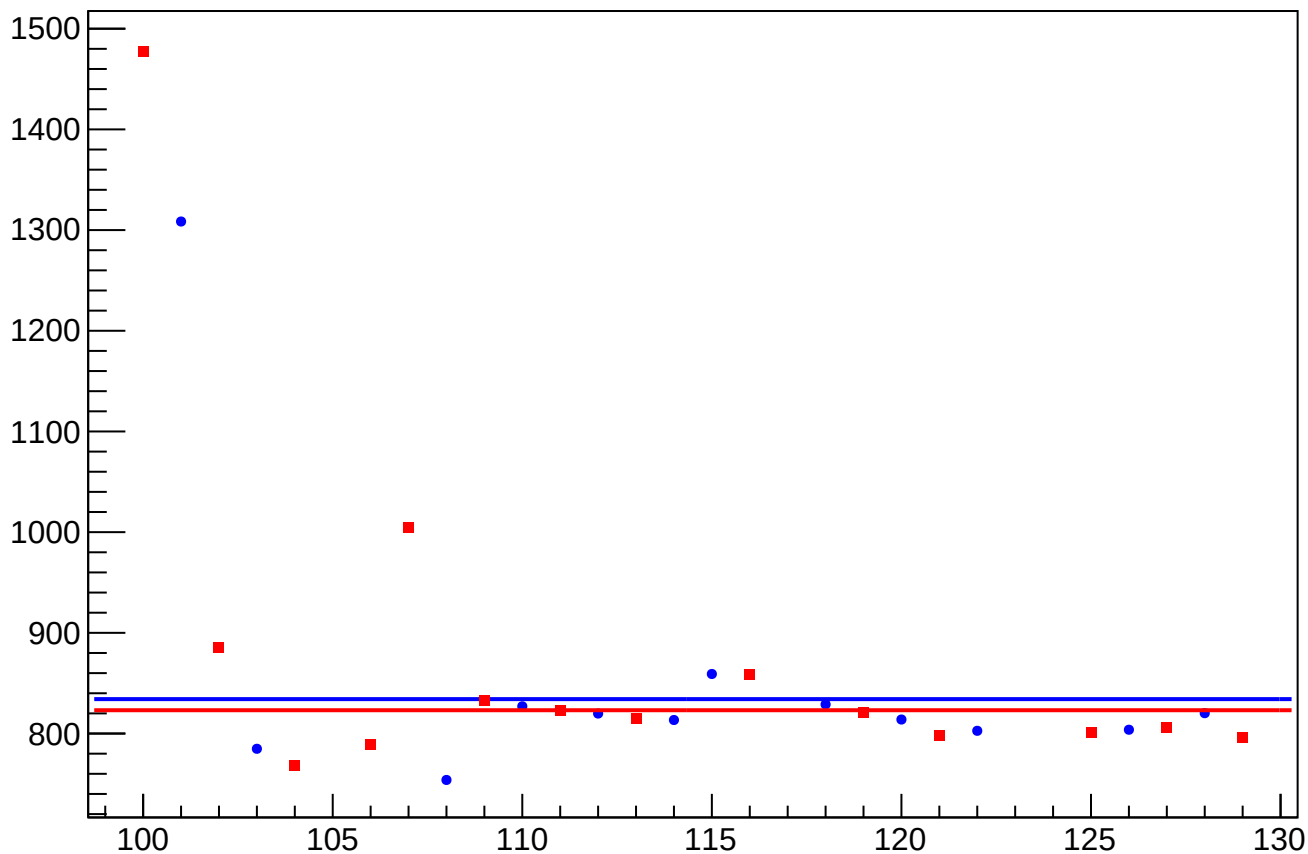
Right: -248.295+/-256.146 χ^2 /NDF: 30.5/25

In: -178.666+/-377.454 χ^2 /NDF:12.5/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -248.295+/-256.146 χ^2 /NDF: 30.5/25

eigen_cor_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 834.182+/-0.267 χ^2/NDF : 188221.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

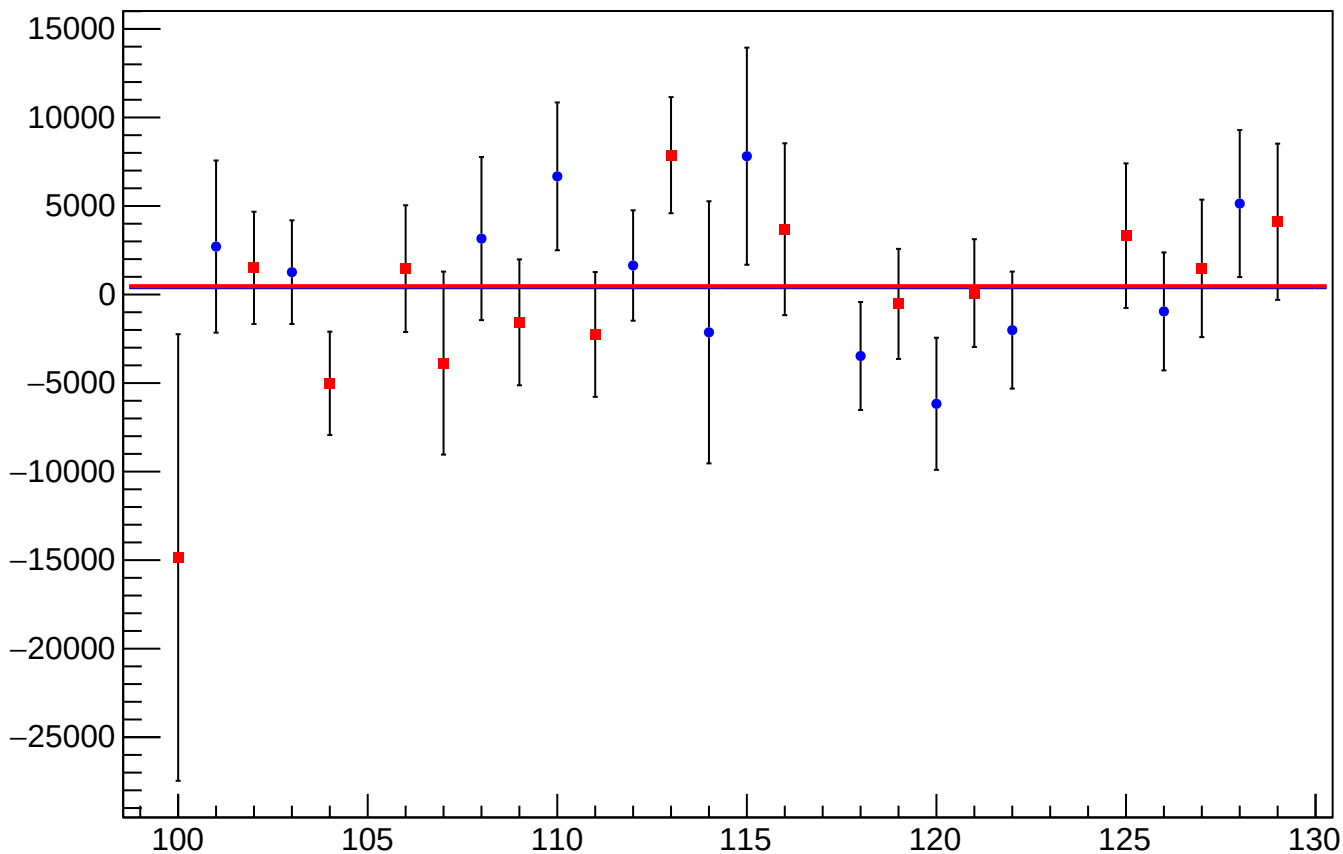
Right: 828.196+/-0.181 χ^2/NDF : 249270.8/25

In: 834.182+/-0.267 χ^2/NDF : 188221.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 828.196+/-0.181 χ^2/NDF : 249270.8/25

asym_usl_atl2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 413.537 $\pm$ 1097.380 χ^2 /NDF: 11.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 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

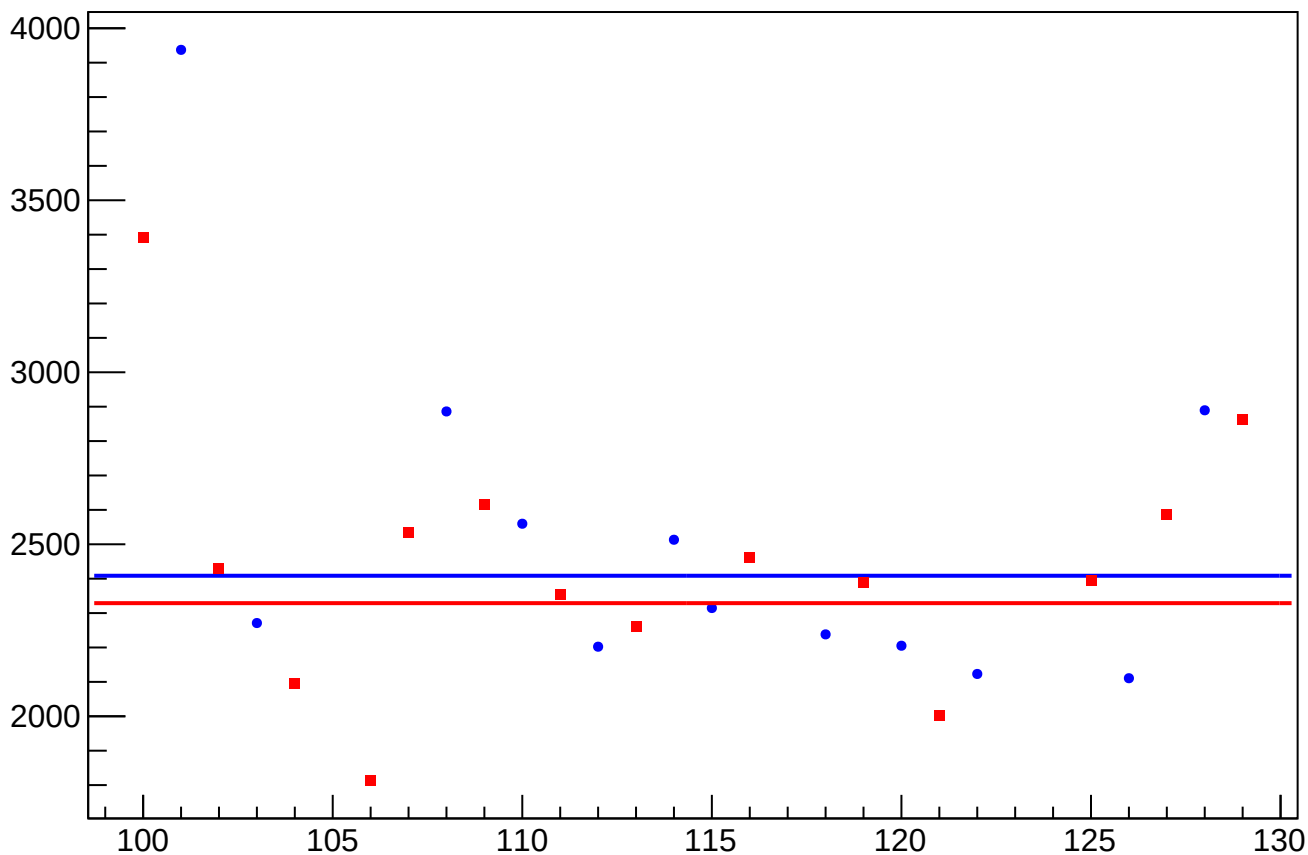
Right: 445.924 $\pm$ 734.585 χ^2 /NDF: 25.1/25

In: 413.537 $\pm$ 1097.380 χ^2 /NDF:11.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 445.924 $\pm$ 734.585 χ^2 /NDF: 25.1/25

asym_usl_atl2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2408.524+/-0.776 χ^2/NDF : 305812.0/11

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

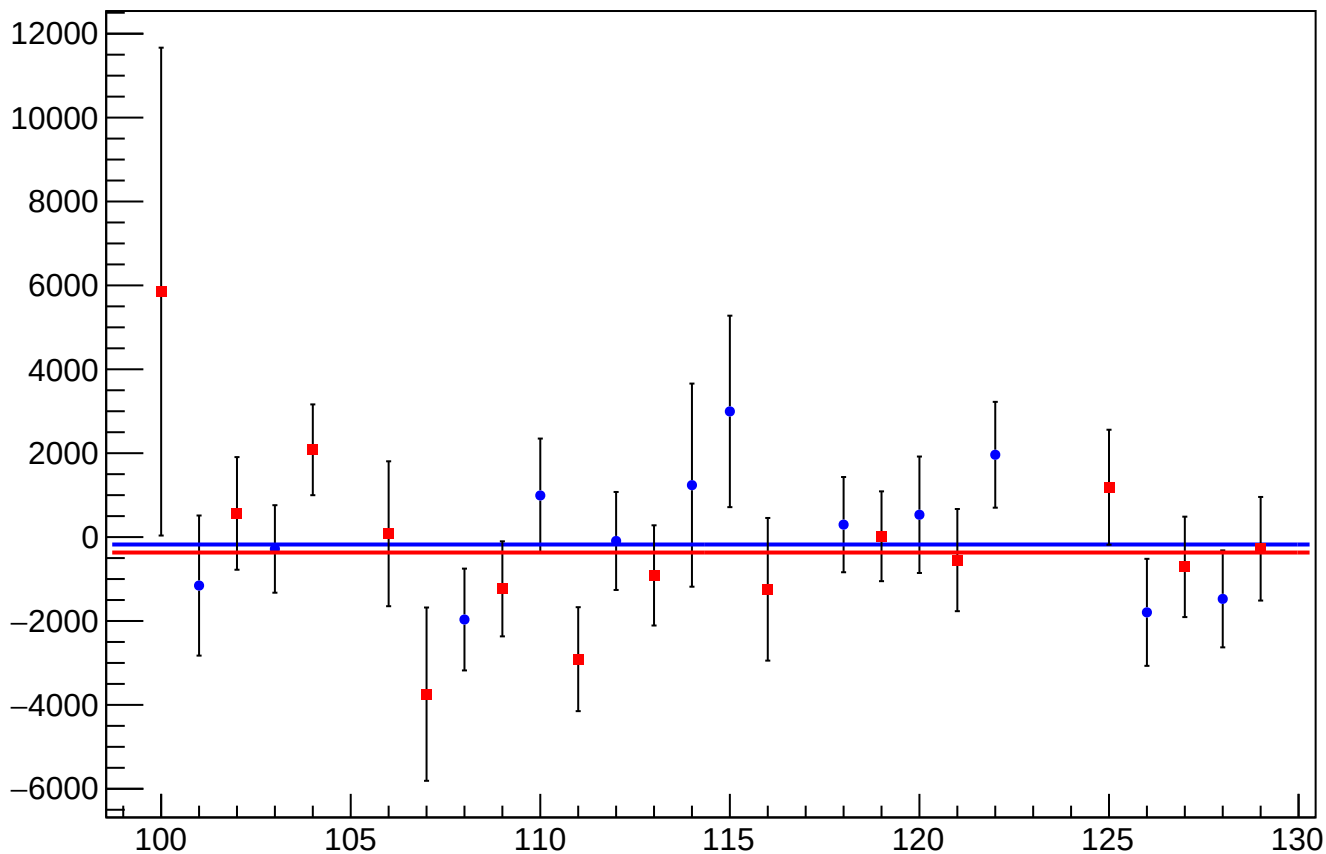
Right: 2364.565+/-0.519 χ^2/NDF : 463526.7/25

In: 2408.524+/-0.776 χ^2/NDF : 305812.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2364.565+/-0.519 χ^2/NDF : 463526.7/25

dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -176.677+/-381.165 χ^2/NDF : 11.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

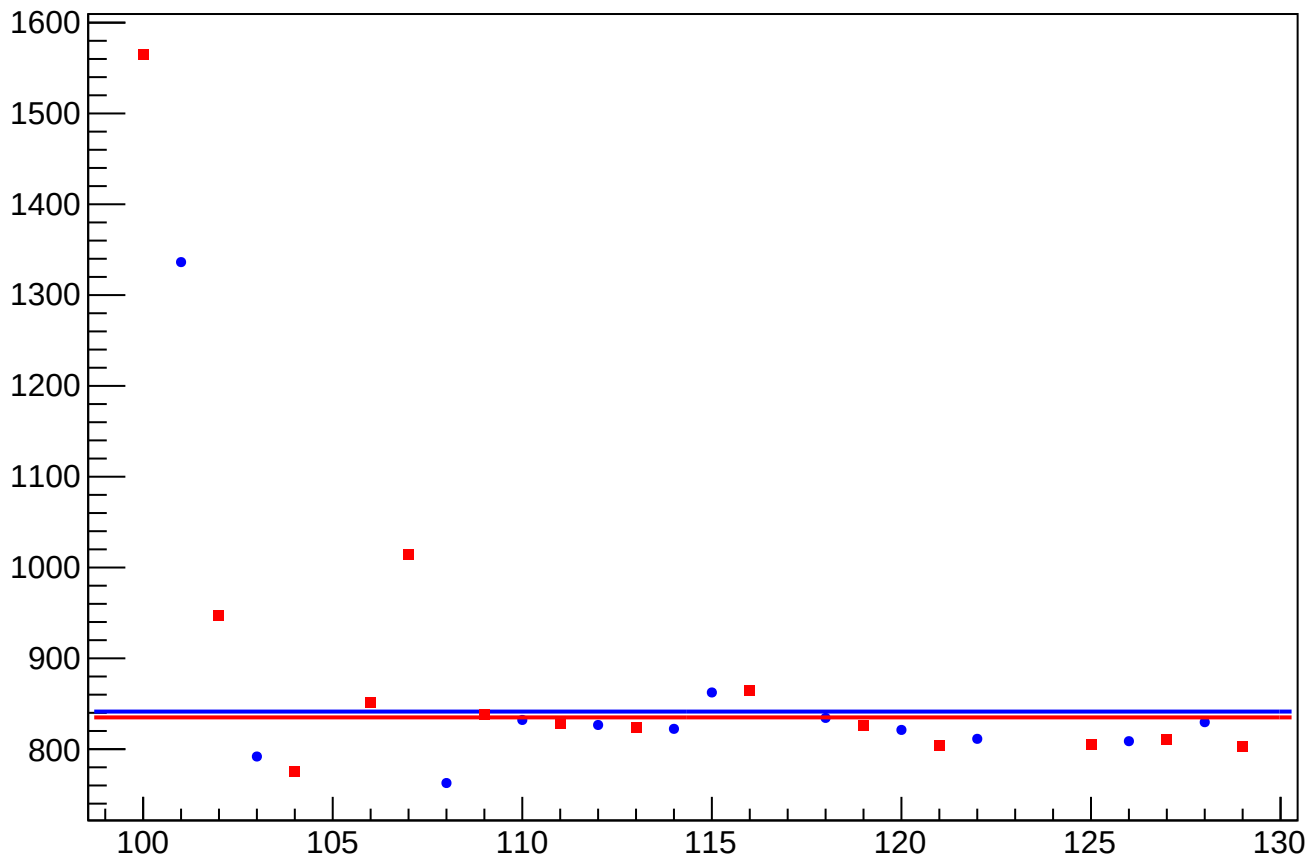
Right: -279.006+/-259.934 χ^2/NDF : 28.1/25

In: -176.677+/-381.165 χ^2/NDF : 11.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -279.006+/-259.934 χ^2/NDF : 28.1/25

dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 841.383+/-0.270 χ^2/NDF : 192441.0/11

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

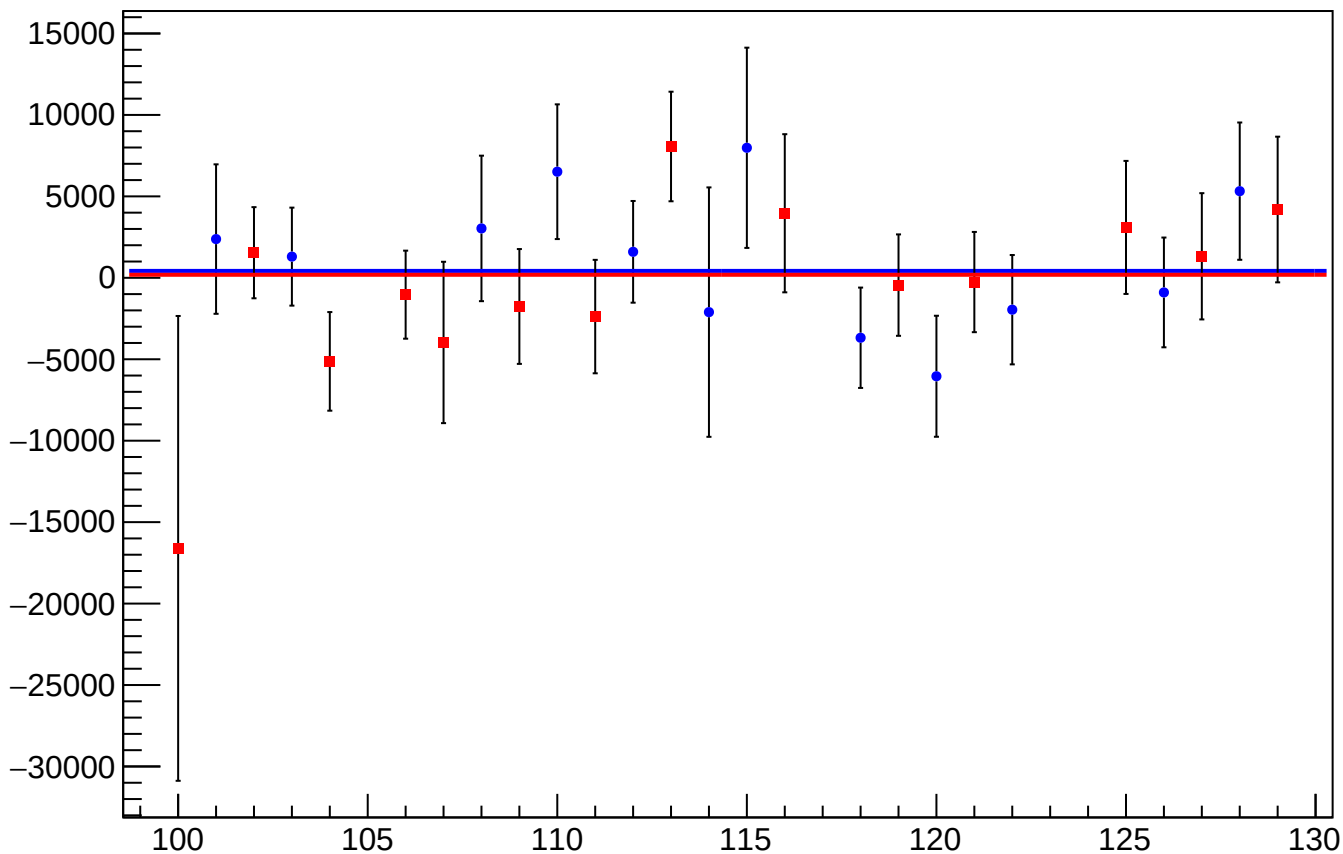
Right: 837.947+/-0.184 χ^2/NDF : 265001.9/25

In: 841.383+/-0.270 χ^2/NDF : 192441.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 837.947+/-0.184 χ^2/NDF : 265001.9/25

asym_usl_atl2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 424.619 $\pm$ 1101.815 χ^2 /NDF: 11.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 186.215 $\pm$ 954.112 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

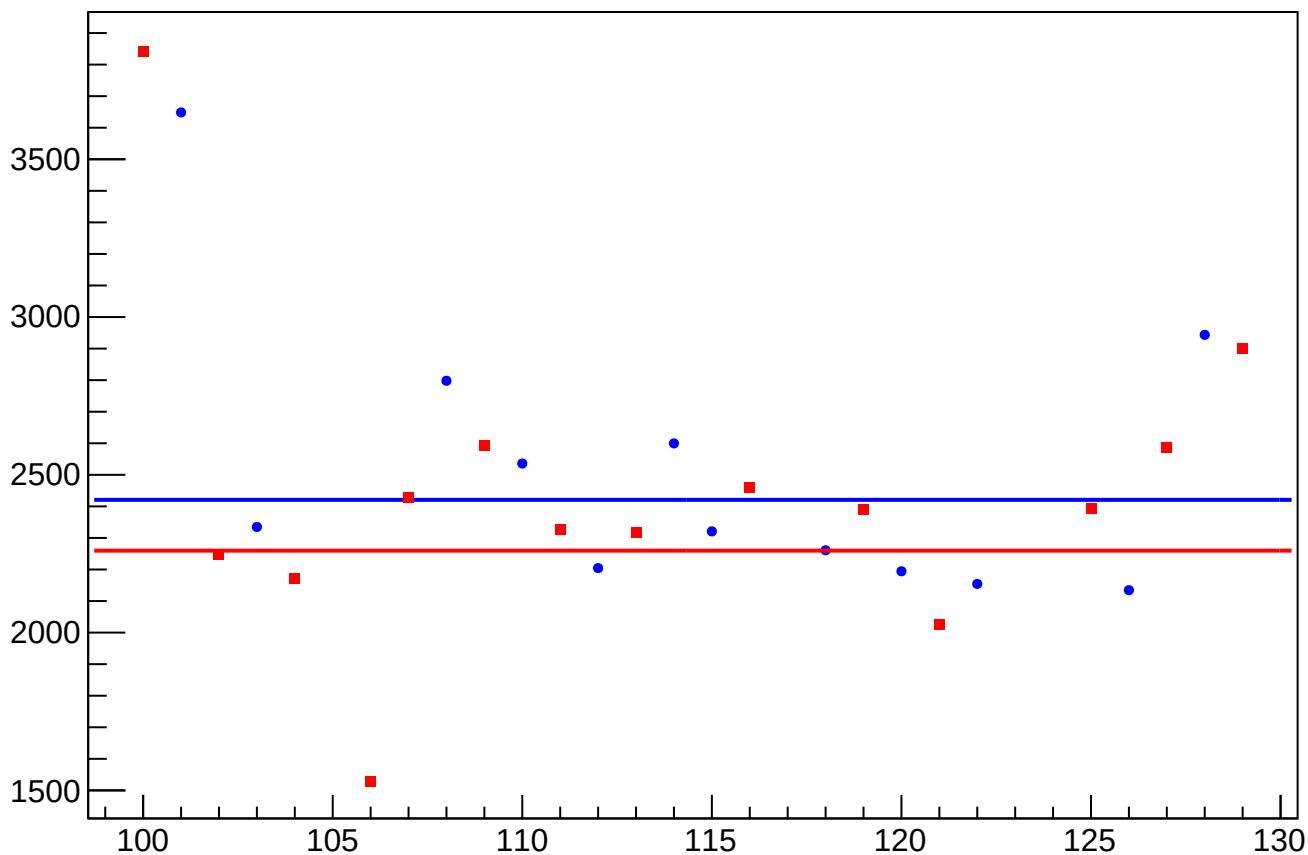
Right: 288.377 $\pm$ 721.269 χ^2 /NDF: 25.4/25

In: 424.619 $\pm$ 1101.815 χ^2 /NDF:11.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 288.377 $\pm$ 721.269 χ^2 /NDF: 25.4/25

asym_usl_atl2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2420.750+/-0.779 χ^2/NDF : 242498.3/11

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

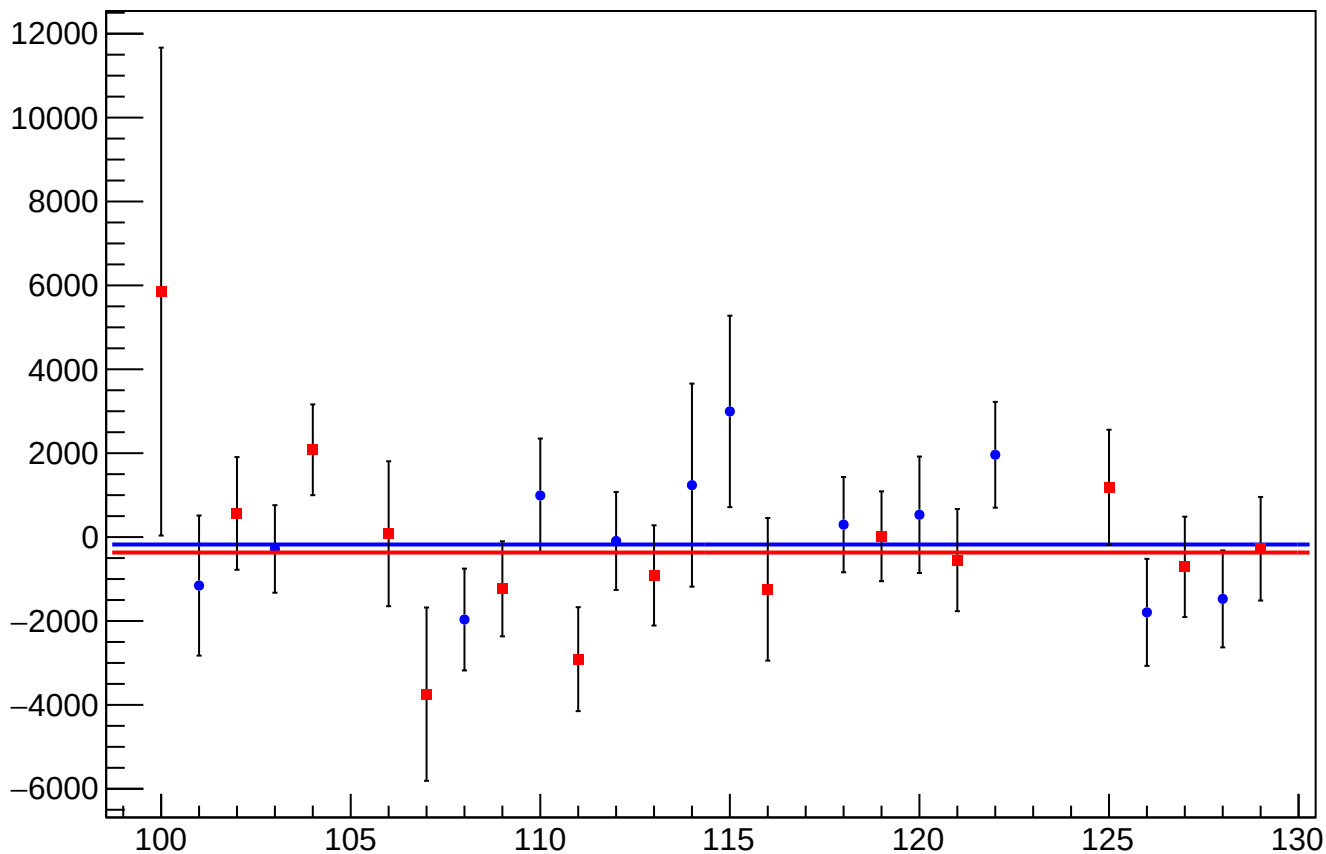
Right: 2328.761+/-0.510 χ^2/NDF : 536745.4/25

In: 2420.750+/-0.779 χ^2/NDF : 242498.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2328.761+/-0.510 χ^2/NDF : 536745.4/25

eigen_dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -176.681+/-381.165 χ^2/NDF : 11.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

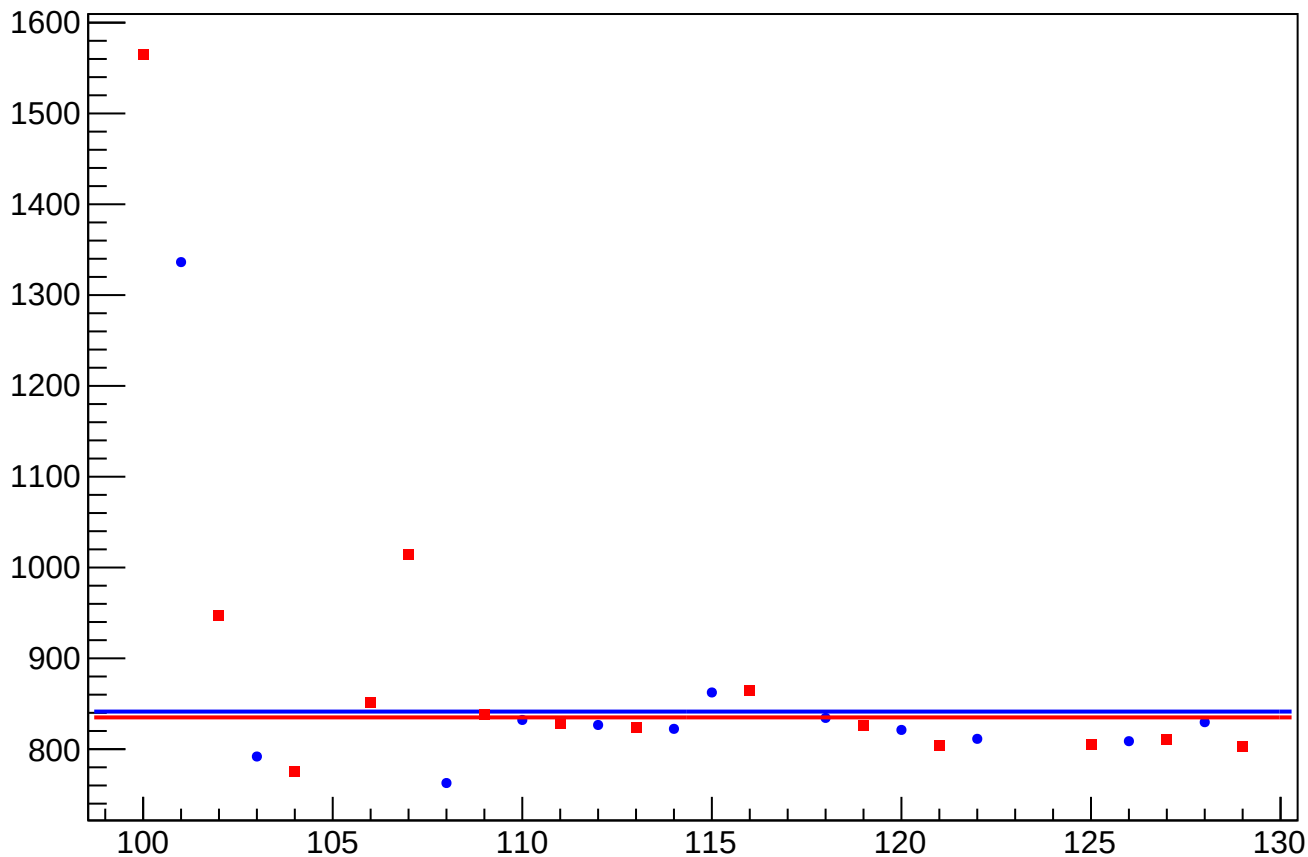
Right: -279.012+/-259.934 χ^2/NDF : 28.1/25

In: -176.681+/-381.165 χ^2/NDF :11.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -279.012+/-259.934 χ^2/NDF : 28.1/25

eigen_dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 841.383+/-0.270 χ^2/NDF : 192440.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

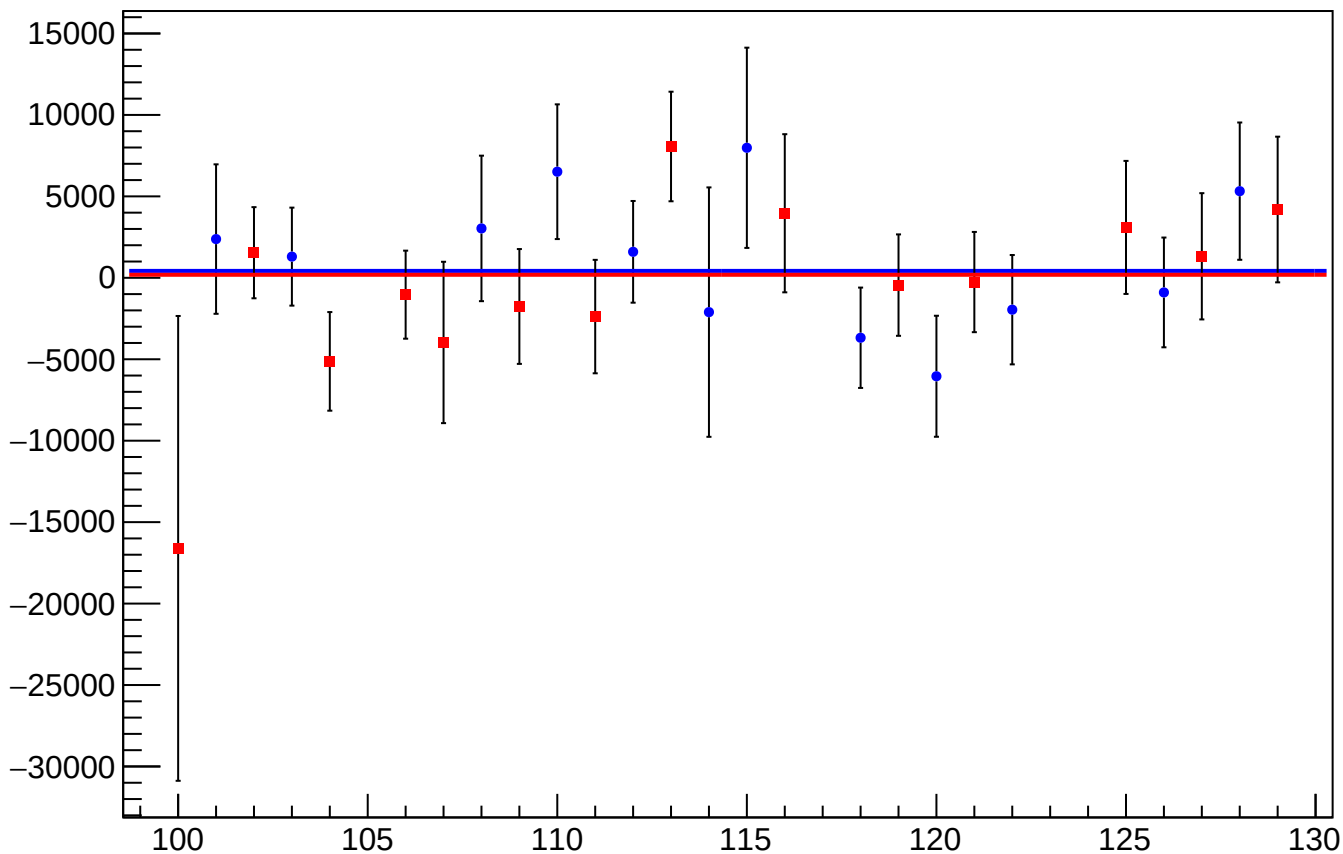
Right: 837.947+/-0.184 χ^2/NDF : 265001.4/25

In: 841.383+/-0.270 χ^2/NDF : 192440.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 837.947+/-0.184 χ^2/NDF : 265001.4/25

asym_usl_atl2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 424.614+/-1101.811 χ^2 /NDF: 11.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 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

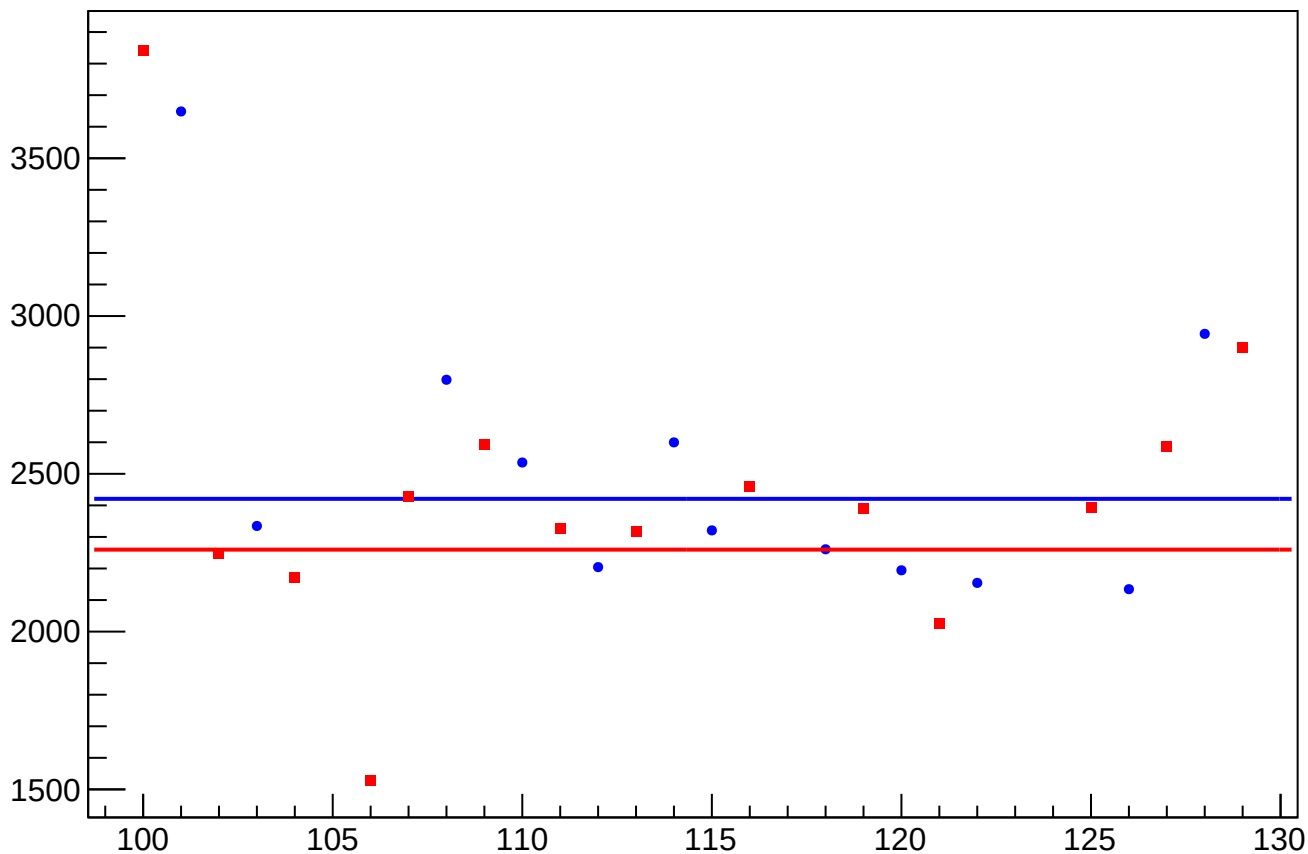
Right: 288.374+/-721.267 χ^2 /NDF: 25.4/25

In: 424.614+/-1101.811 χ^2 /NDF:11.4/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 288.374+/-721.267 χ^2 /NDF: 25.4/25

asym_usl_atl2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2420.740+/-0.779 χ^2/NDF : 242500.0/11

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

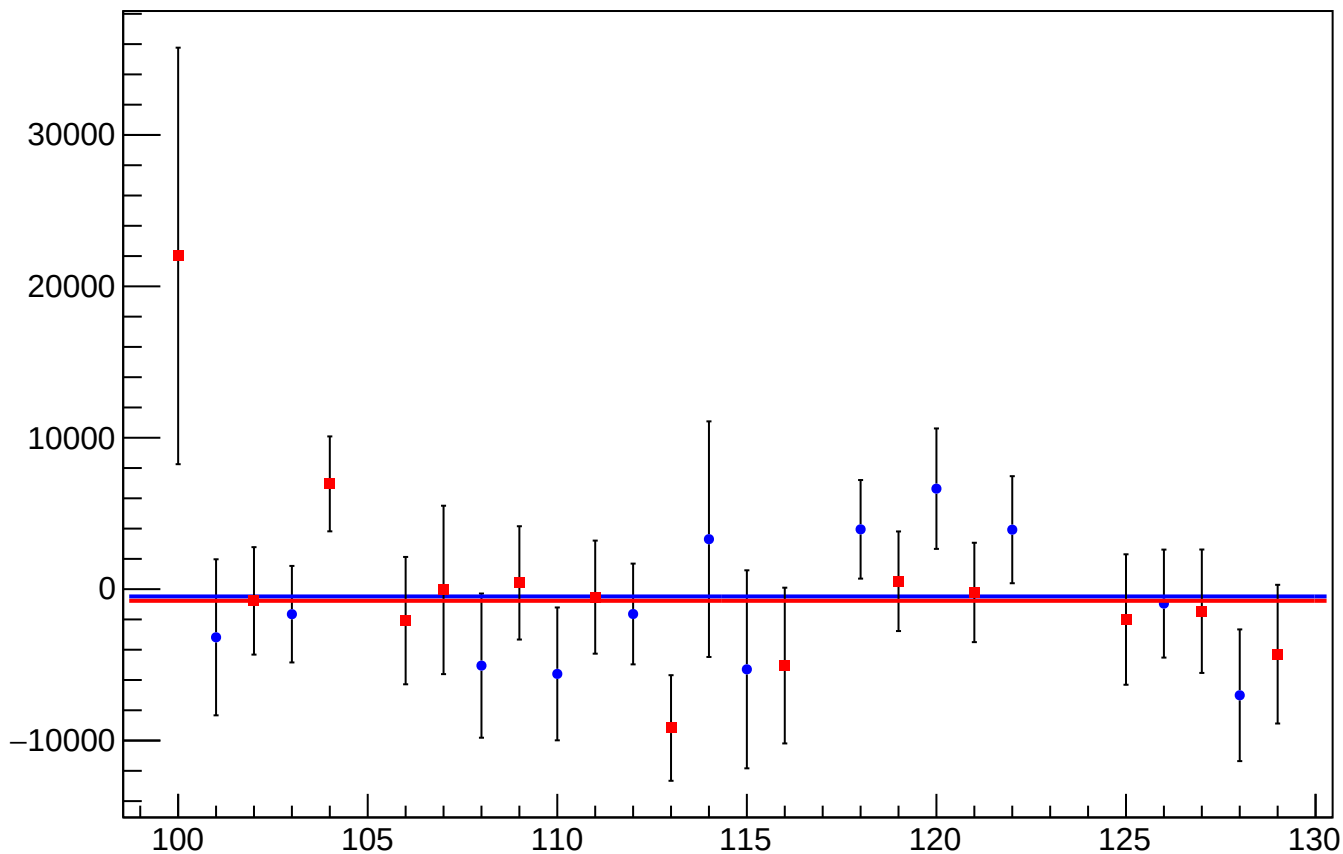
Right: 2328.753+/-0.510 χ^2/NDF : 536747.5/25

In: 2420.740+/-0.779 χ^2/NDF : 242500.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2328.753+/-0.510 χ^2/NDF : 536747.5/25

asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -482.098+/-1169.384 χ^2/NDF : 12.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

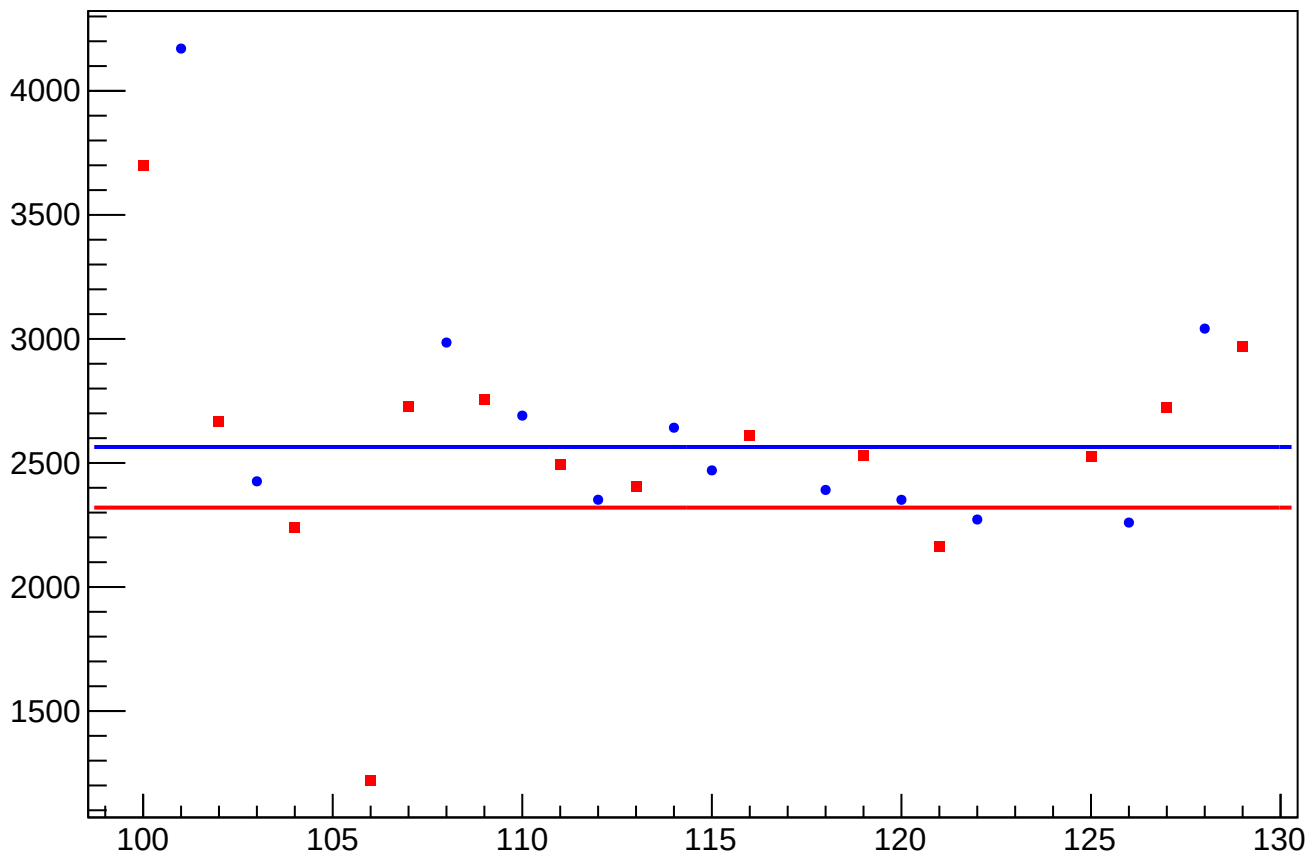
Right: -639.909+/-786.478 χ^2/NDF : 28.9/25

In: -482.098+/-1169.384 χ^2/NDF : 12.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -639.909+/-786.478 χ^2/NDF : 28.9/25

asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 2564.392+/-0.827 χ^2/NDF : 287809.6/11

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

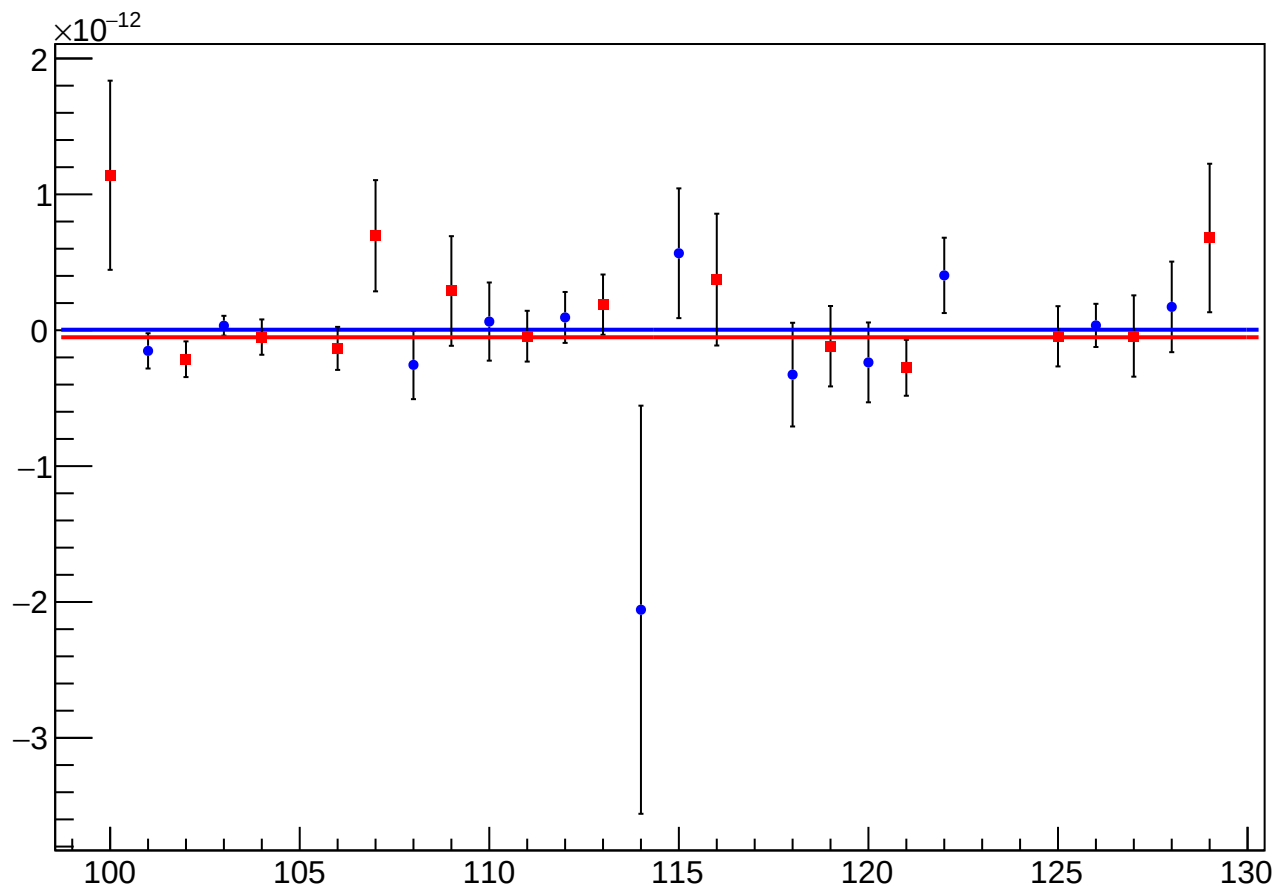
Right: 2424.146+/-0.540 χ^2/NDF : 885597.8/25

In: 2564.392+/-0.827 χ^2/NDF :287809.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2424.146+/-0.540 χ^2/NDF : 885597.8/25

asym_usl_atl2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 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

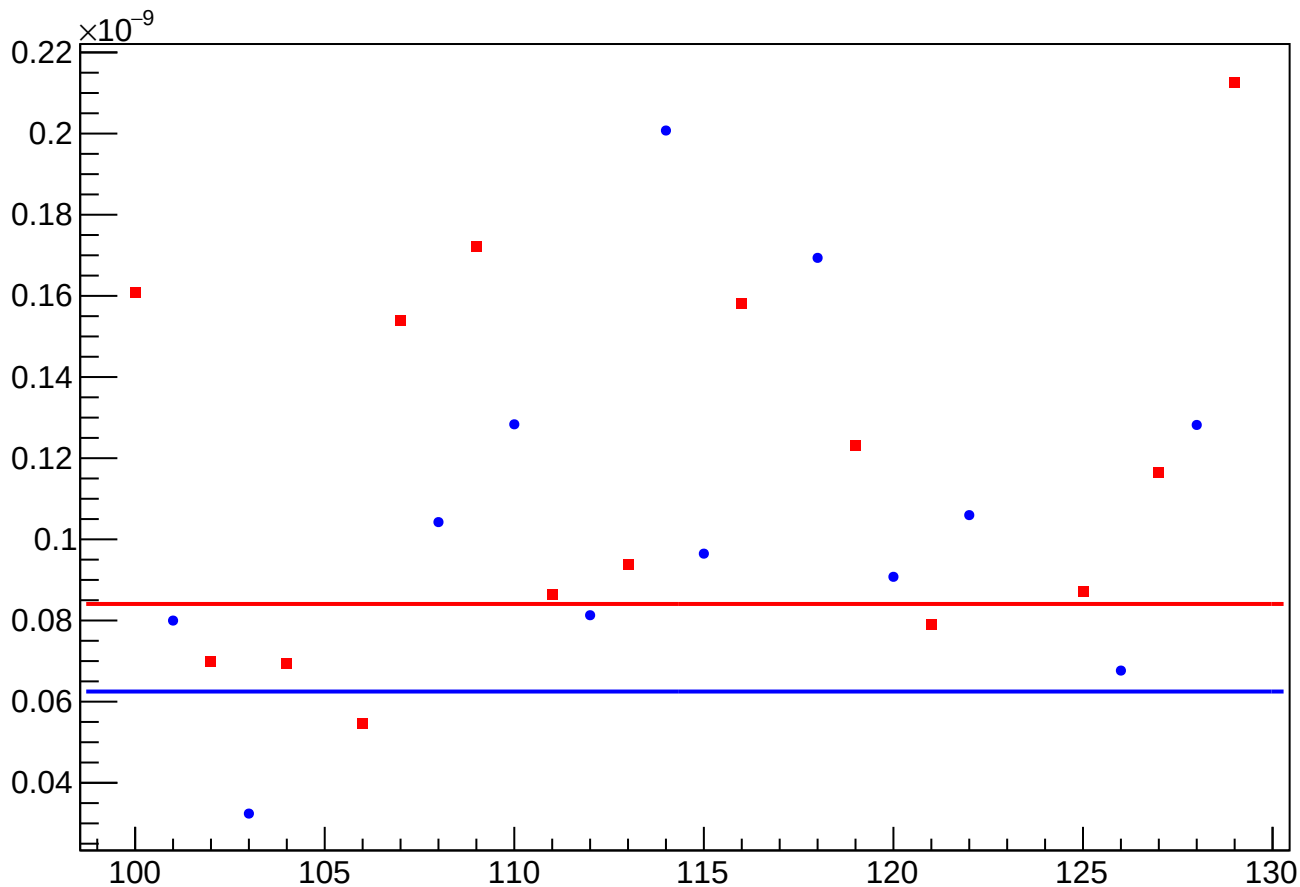
Right: -0.000+/-0.000 χ^2/NDF : 24.2/25

In: 0.000+/-0.000 χ^2/NDF : 10.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.2/25

asym_usl_atl2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 888178.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

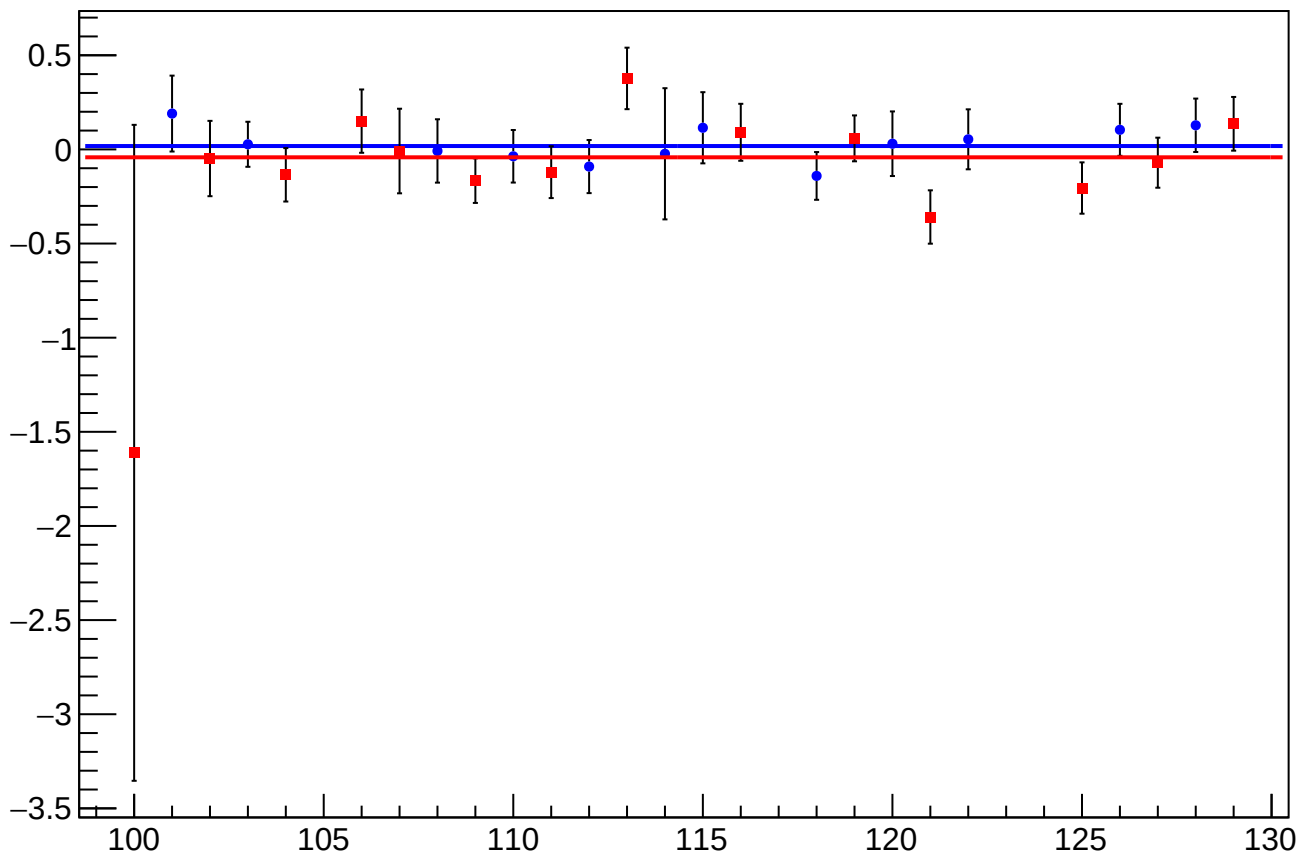
Right: 0.000+/-0.000 χ^2/NDF : 1561996.6/25

In: 0.000+/-0.000 χ^2/NDF :888178.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1561996.6/25

asym_usl_atl2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018 $\pm$ 0.044 χ^2 /NDF: 4.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.042 $\pm$ 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

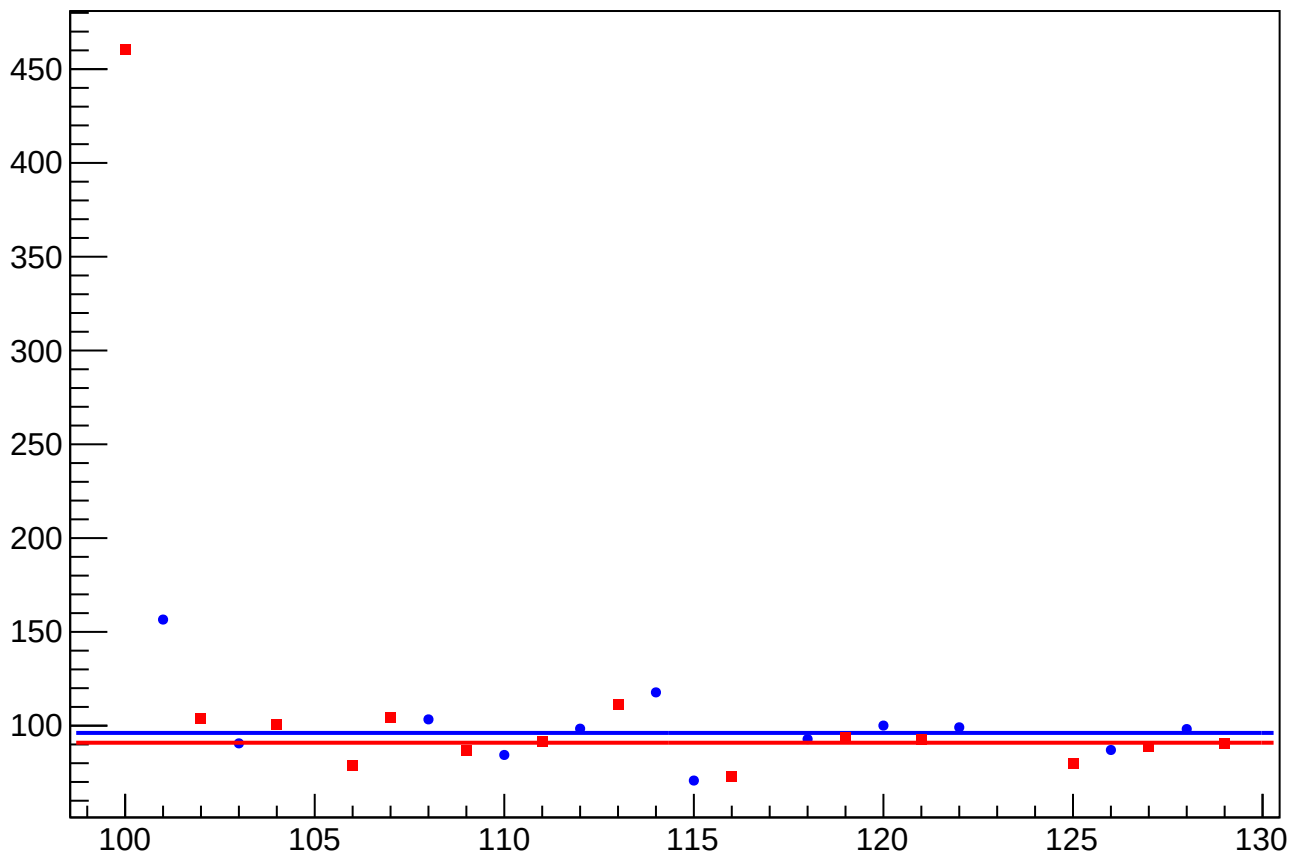
Right: -0.015 $\pm$ 0.030 χ^2 /NDF: 25.5/25

In: 0.018 $\pm$ 0.044 χ^2 /NDF:4.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.015 $\pm$ 0.030 χ^2 /NDF: 25.5/25

asym_usl_atl2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 96.147 $\pm$ 0.031 χ^2 /NDF: 258432.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 90.916 $\pm$ 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

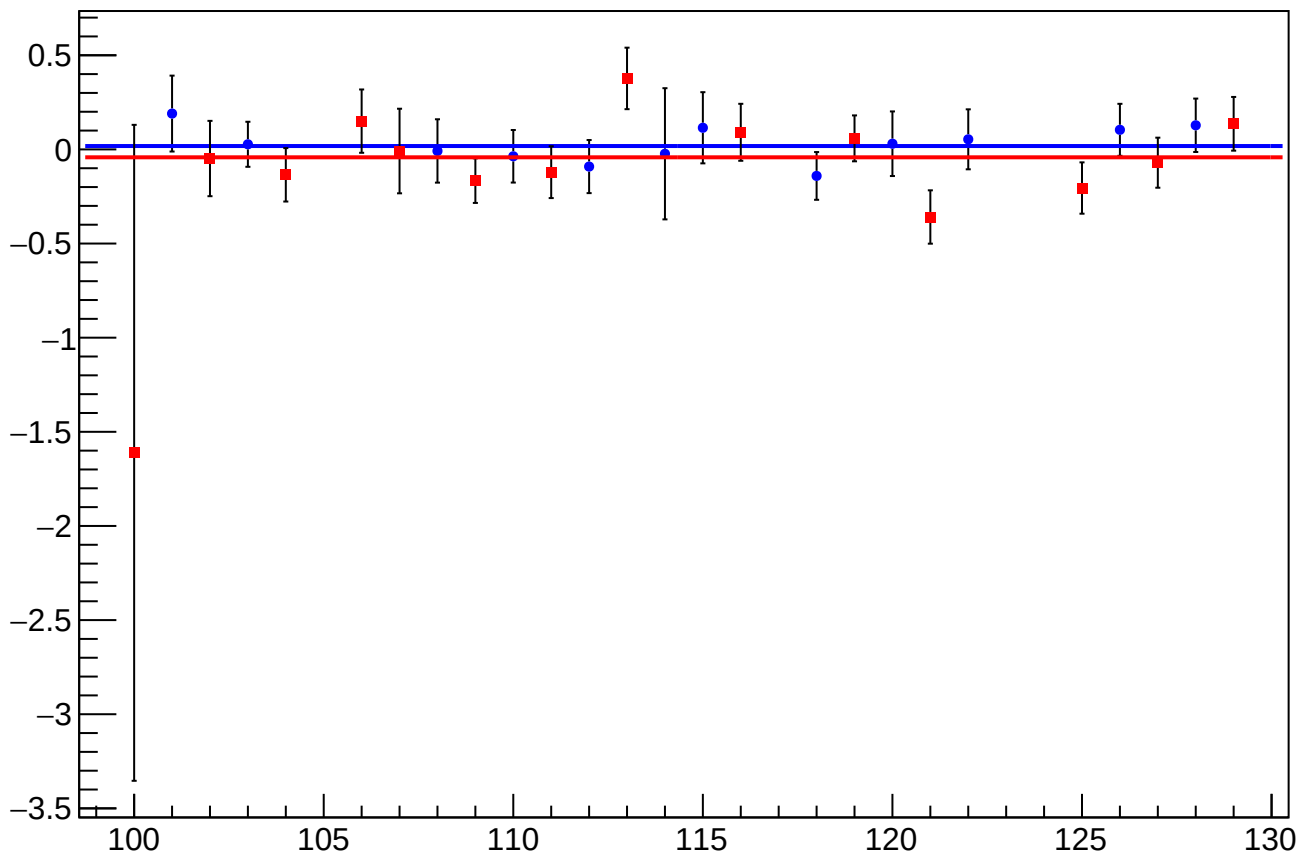
Right: 93.282 $\pm$ 0.021 χ^2 /NDF: 474678.8/25

In: 96.147 $\pm$ 0.031 χ^2 /NDF:258432.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 93.282 $\pm$ 0.021 χ^2 /NDF: 474678.8/25

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018 $\pm$ 0.044 χ^2 /NDF: 4.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.042 $\pm$ 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

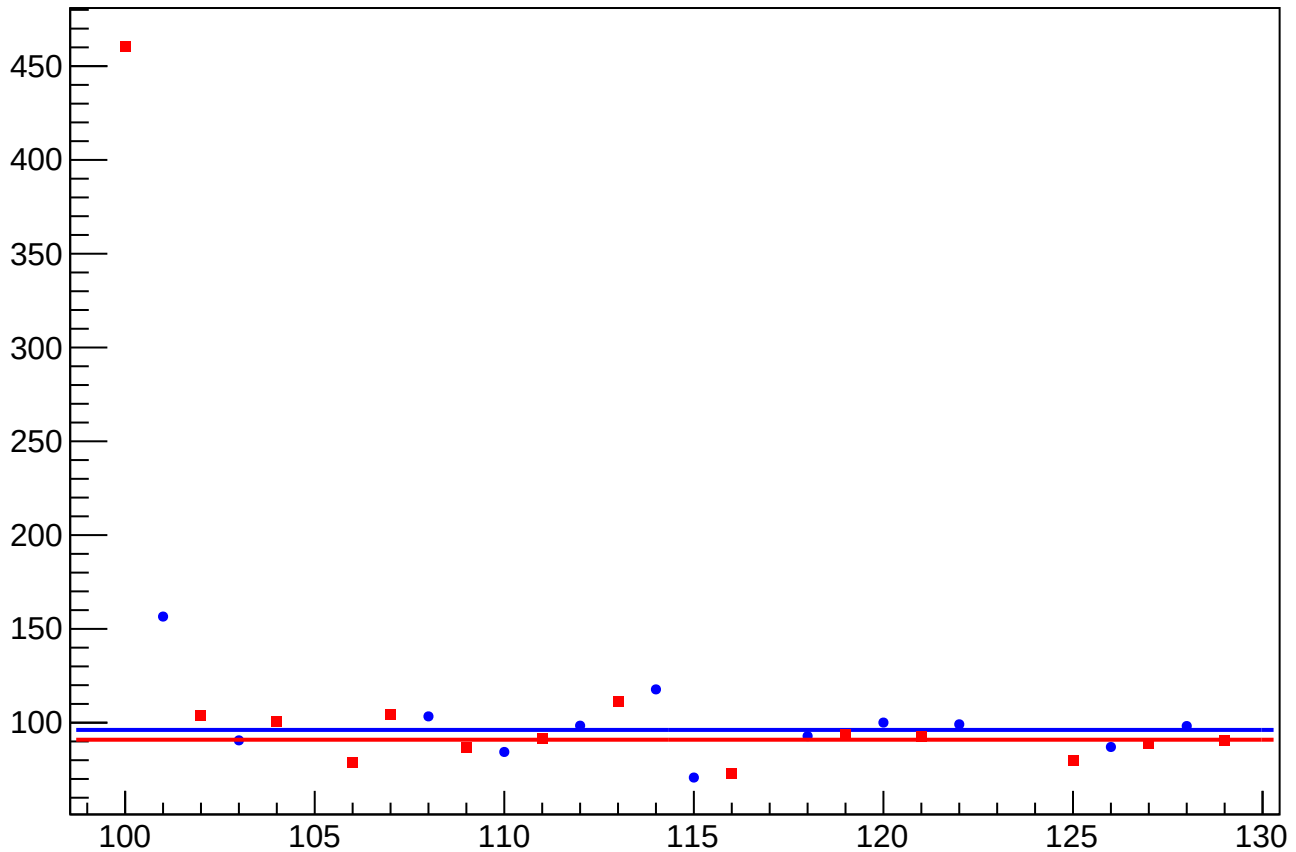
Right: -0.015 $\pm$ 0.030 χ^2 /NDF: 25.5/25

In: 0.018 $\pm$ 0.044 χ^2 /NDF:4.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.015 $\pm$ 0.030 χ^2 /NDF: 25.5/25

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 96.147 $\pm$ 0.031 χ^2 /NDF: 258432.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 90.916 $\pm$ 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

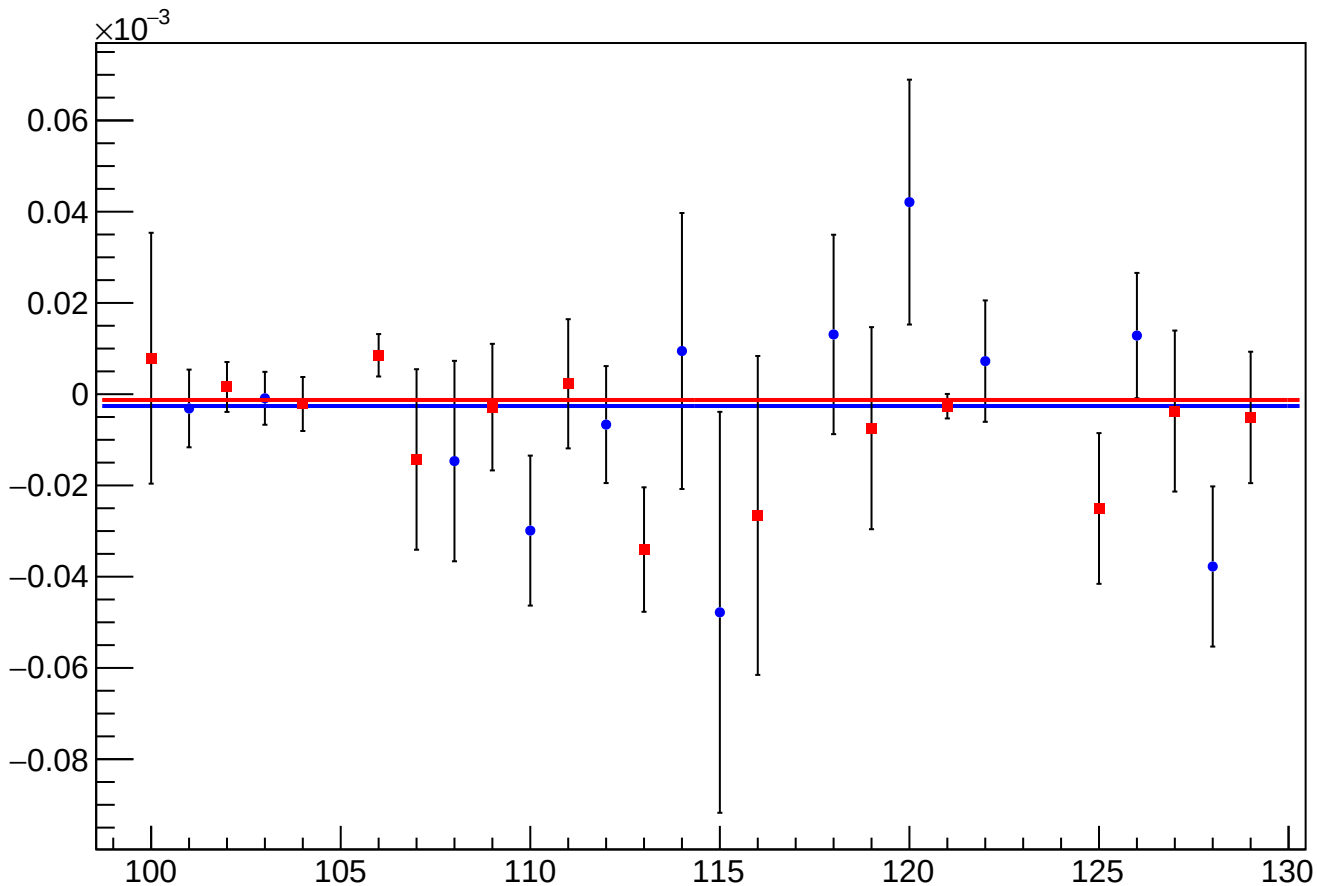
Right: 93.282 $\pm$ 0.021 χ^2 /NDF: 474678.8/25

In: 96.147 $\pm$ 0.031 χ^2 /NDF:258432.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 93.282 $\pm$ 0.021 χ^2 /NDF: 474678.8/25

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 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

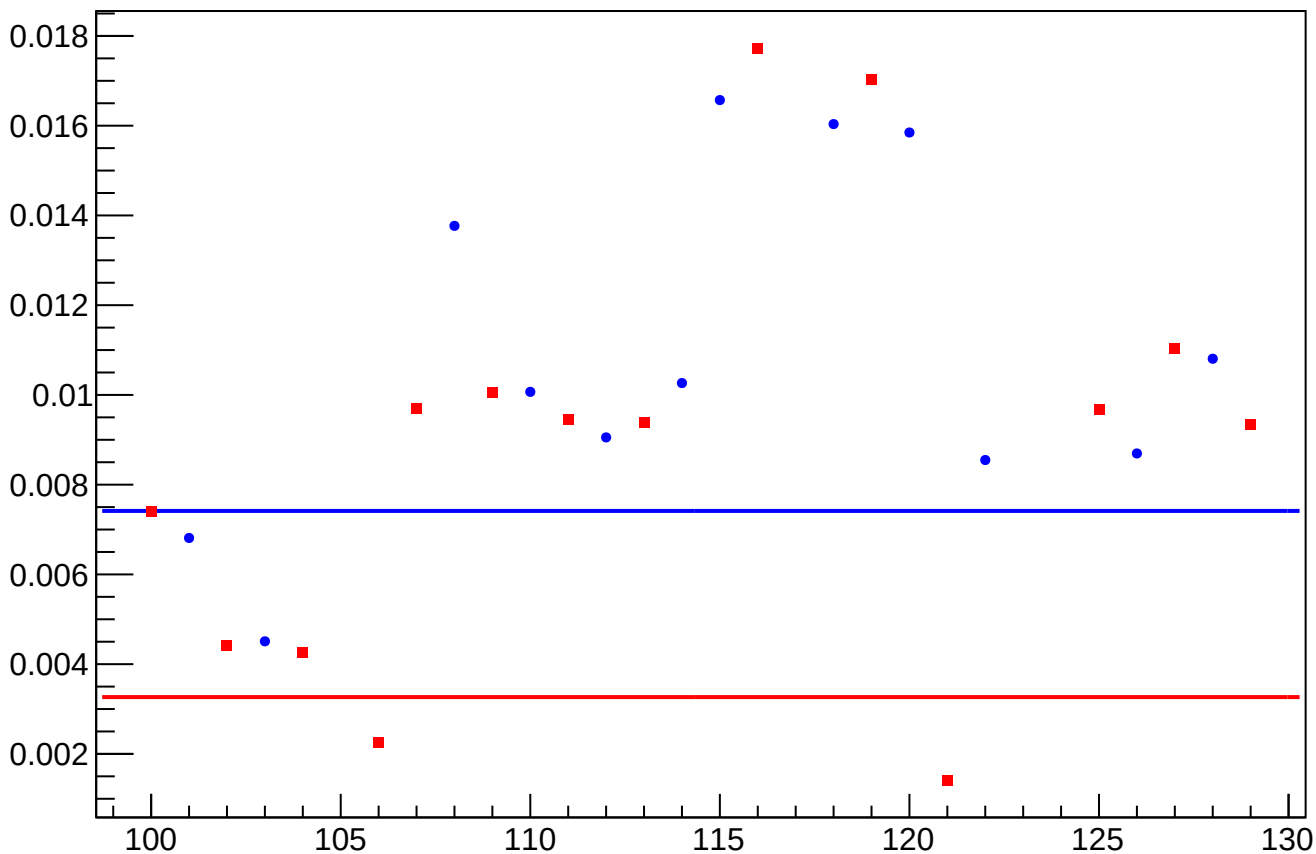
Right: -0.000+/-0.000 χ^2/NDF : 27.8/25

In: -0.000+/-0.000 χ^2/NDF : 13.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.8/25

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 1484613.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 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

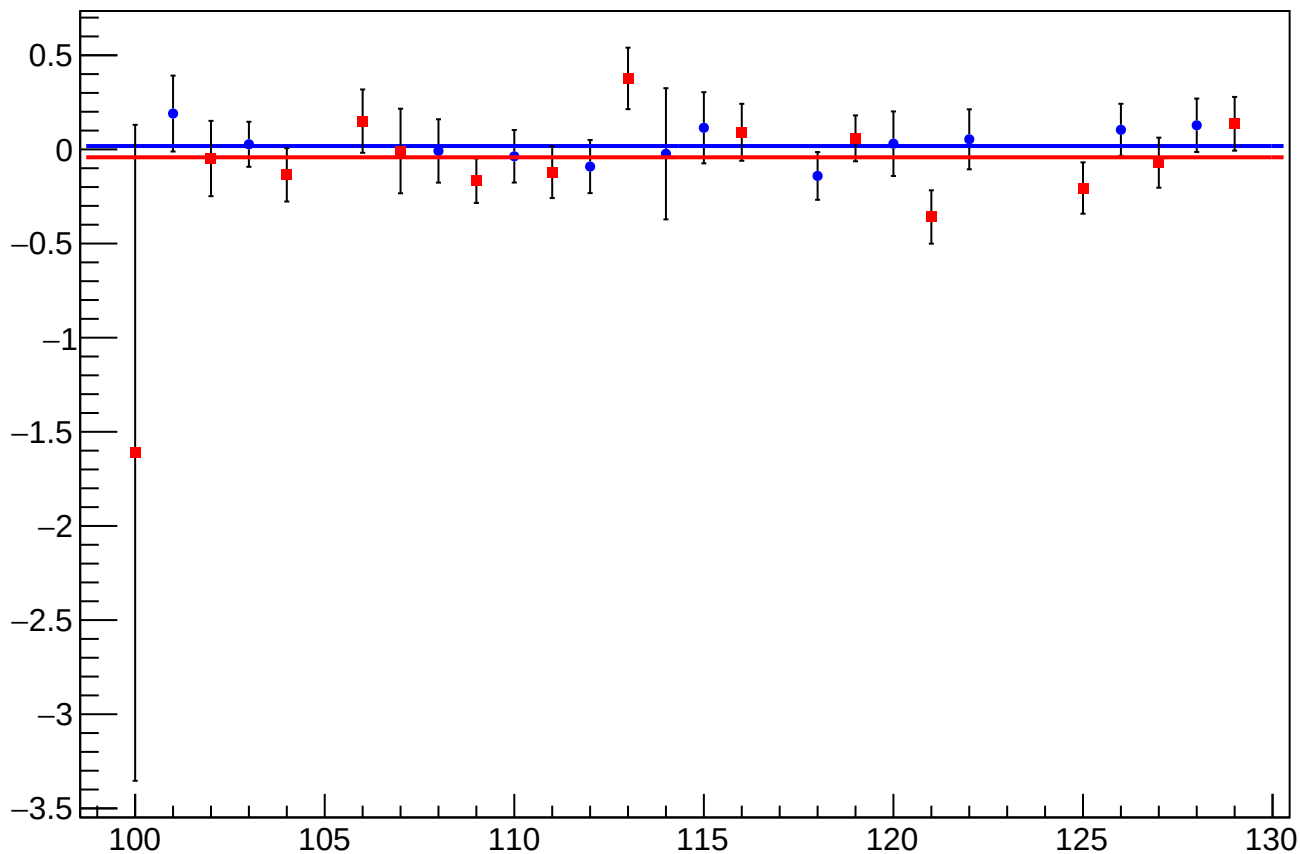
Right: 0.004+/-0.000 χ^2/NDF : 8398909.1/25

In: 0.007+/-0.000 χ^2/NDF :1484613.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 8398909.1/25

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.044 χ^2/NDF : 4.4/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.042+/-0.040 χ^2/NDF : 20.1/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

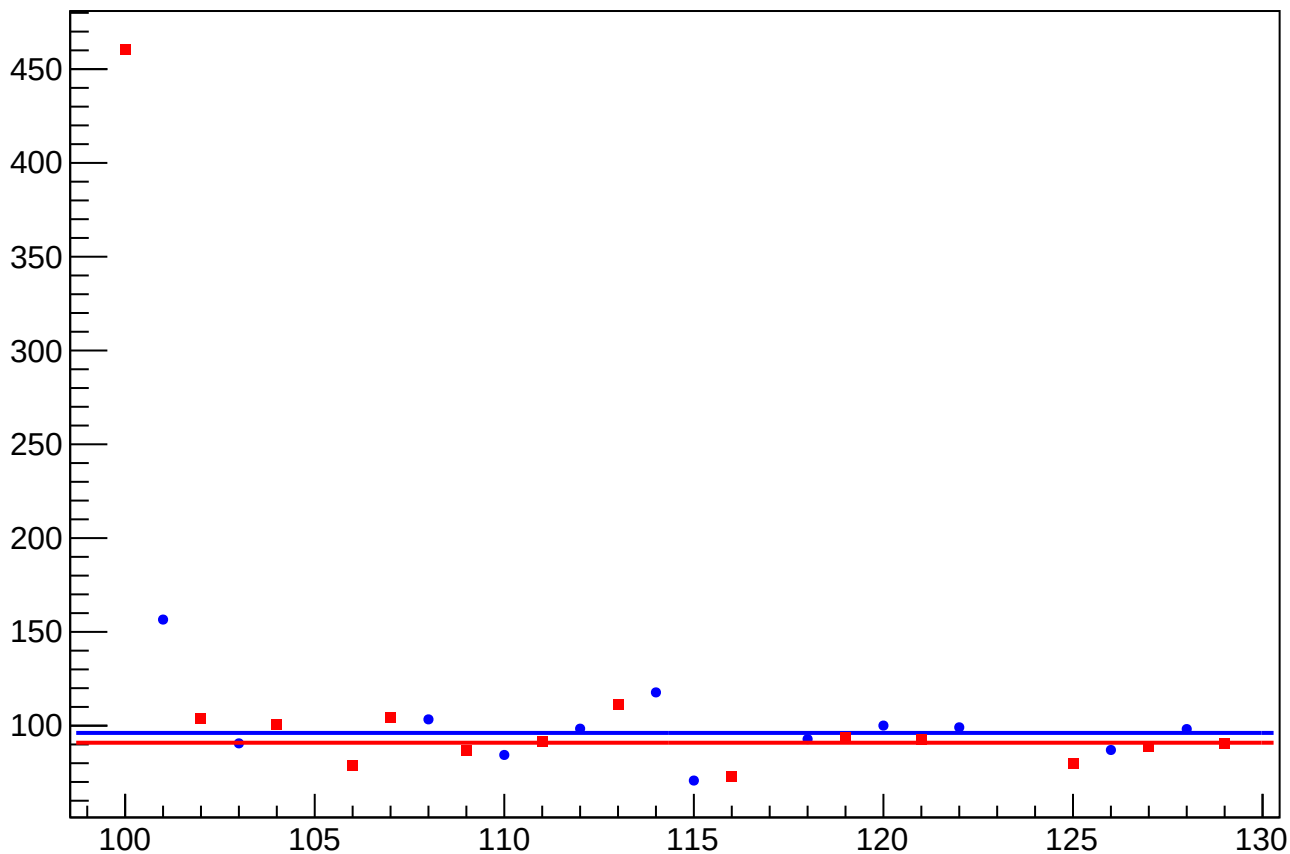
Right: -0.015+/-0.030 χ^2/NDF : 25.5/25

In: 0.018+/-0.044 χ^2/NDF :4.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.015+/-0.030 χ^2/NDF : 25.5/25

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 96.148+/-0.031 χ^2/NDF : 258411.7/11

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

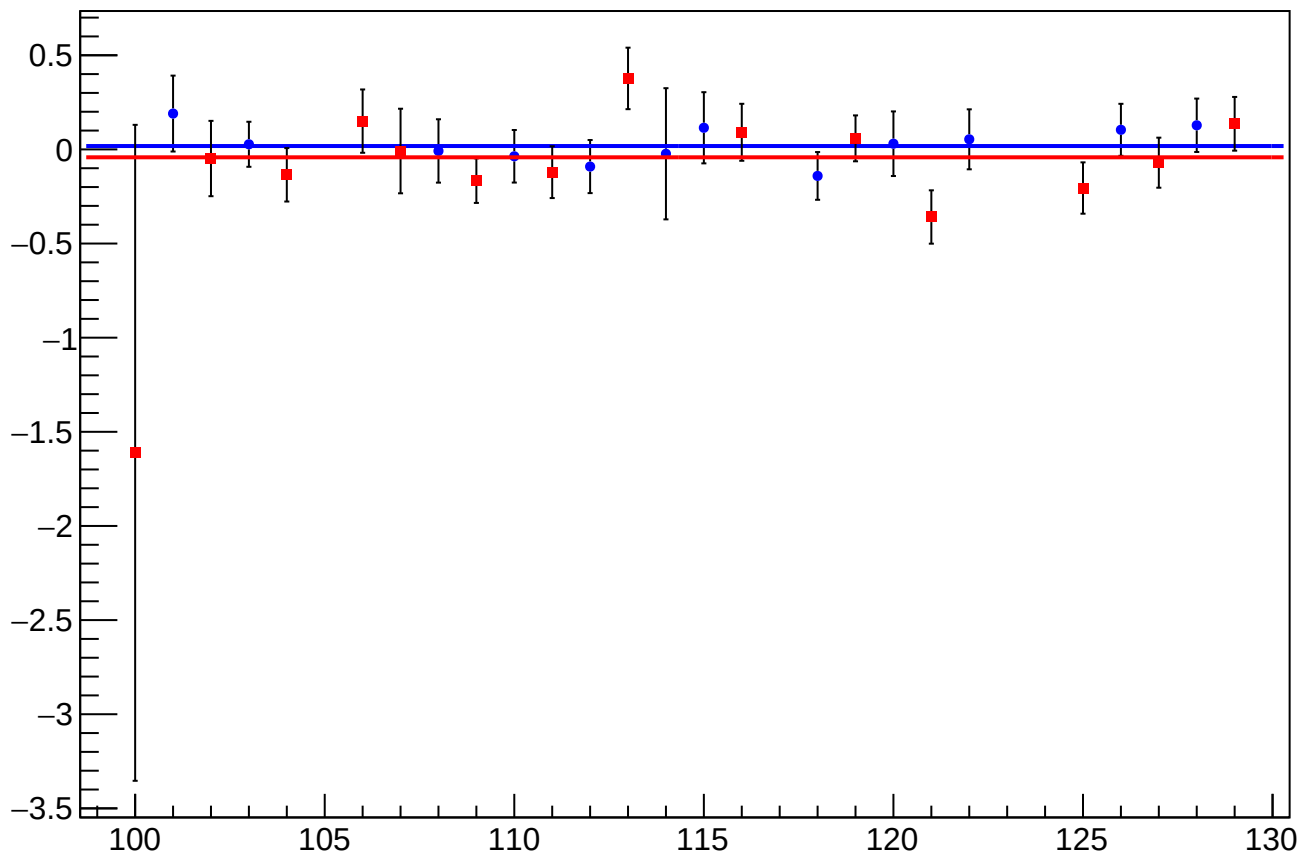
Right: 93.283+/-0.021 χ^2/NDF : 474615.6/25

In: 96.148+/-0.031 χ^2/NDF :258411.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 93.283+/-0.021 χ^2/NDF : 474615.6/25

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.044 χ^2/NDF : 4.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.042+/-0.040 χ^2/NDF : 20.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

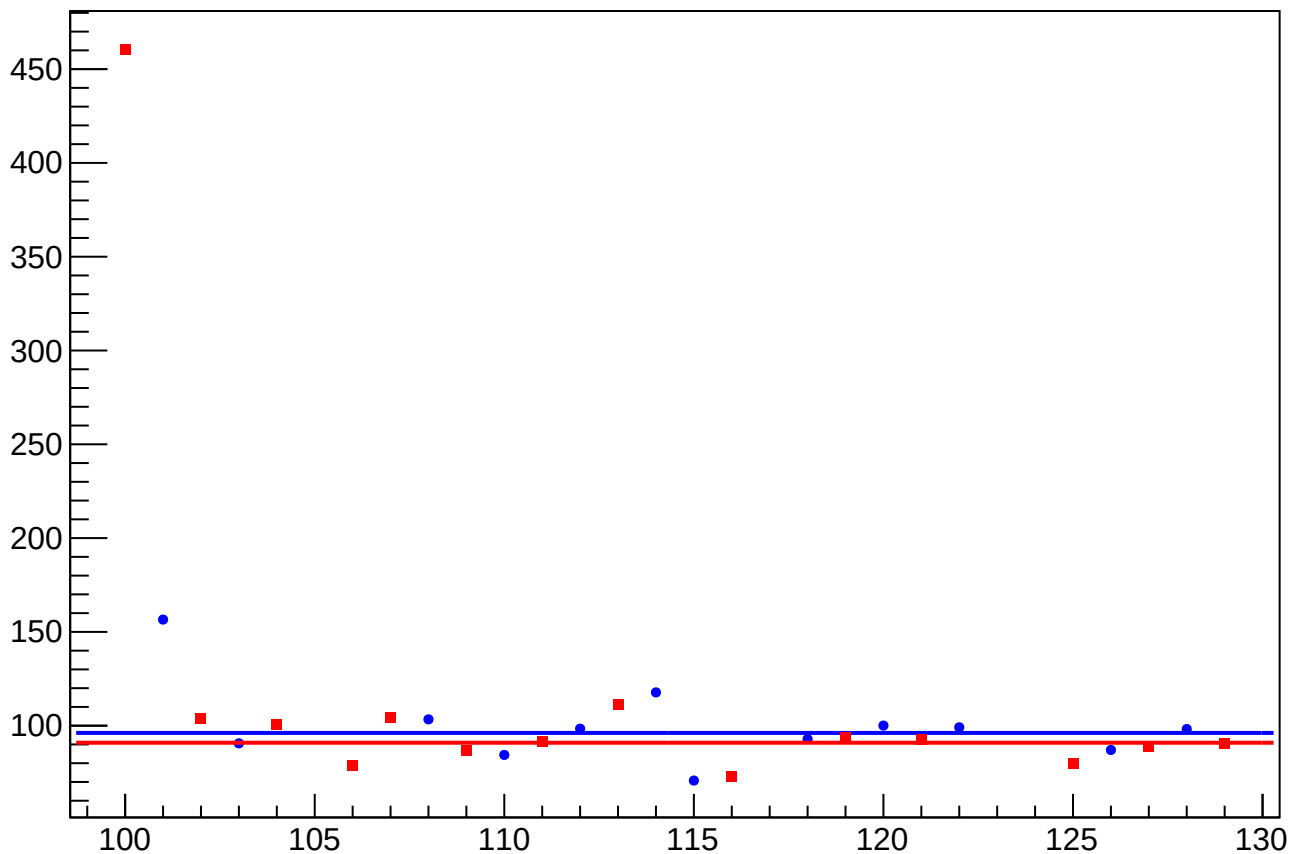
Right: -0.015+/-0.030 χ^2/NDF : 25.5/25

In: 0.018+/-0.044 χ^2/NDF : 4.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.015+/-0.030 χ^2/NDF : 25.5/25

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 96.148 $\pm$ 0.031 χ^2 /NDF: 258411.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 90.917 $\pm$ 0.029 χ^2 /NDF: 201054.1/13

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

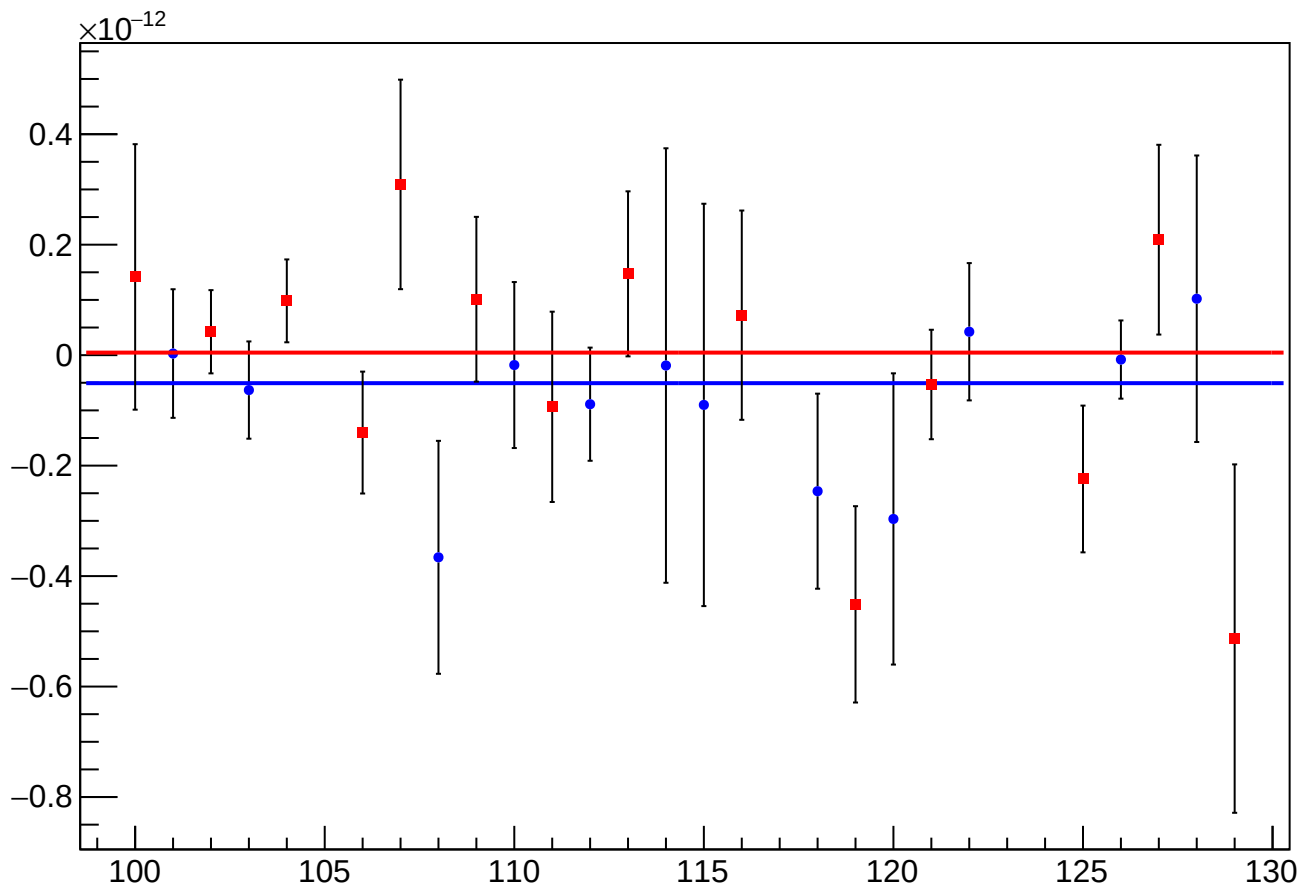
Right: 93.283 $\pm$ 0.021 χ^2 /NDF: 474615.6/25

In: 96.148 $\pm$ 0.031 χ^2 /NDF:258411.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 93.283 $\pm$ 0.021 χ^2 /NDF: 474615.6/25

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

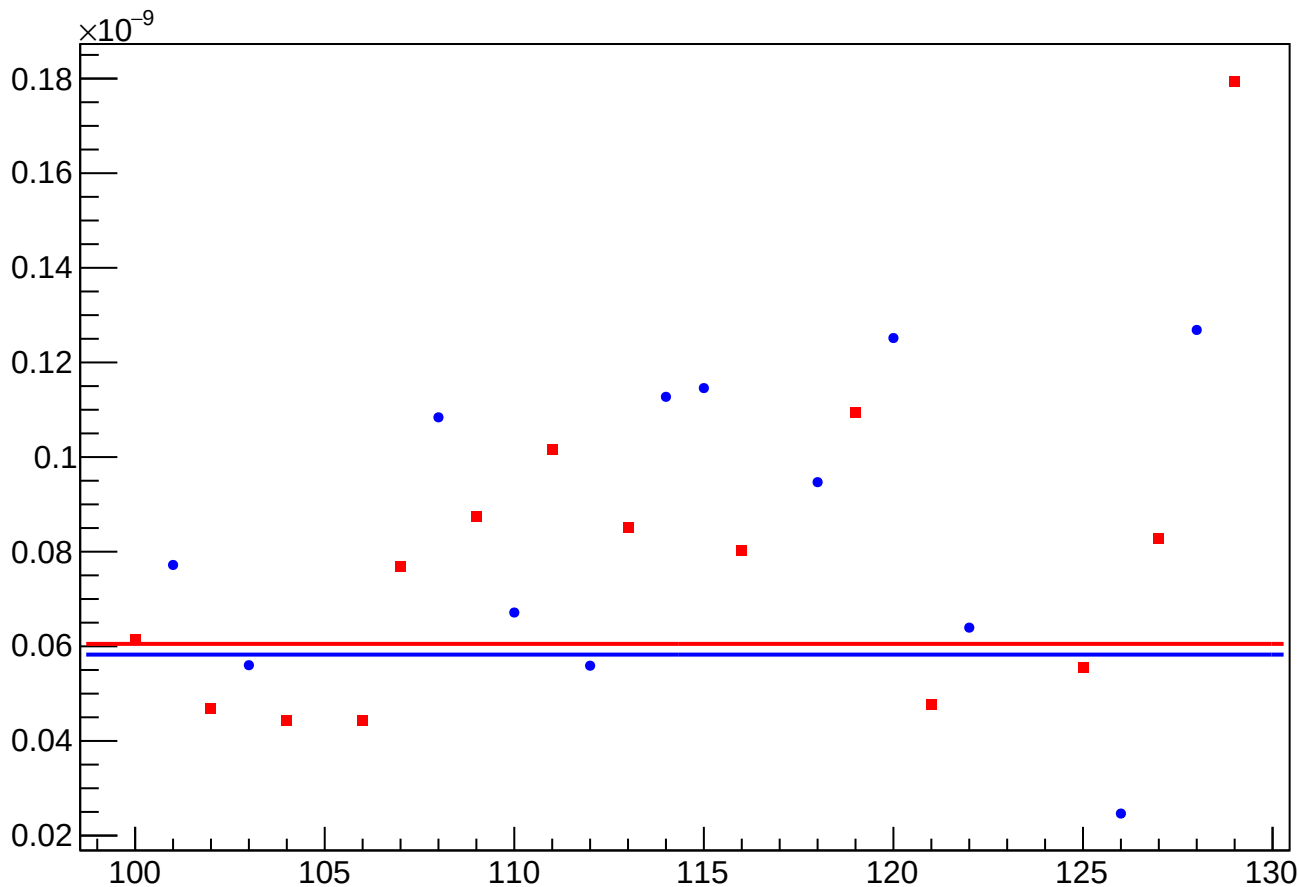
Right: -0.000+/-0.000 χ^2/NDF : 29.4/25

In: -0.000+/-0.000 χ^2/NDF : 6.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.4/25

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1070395.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

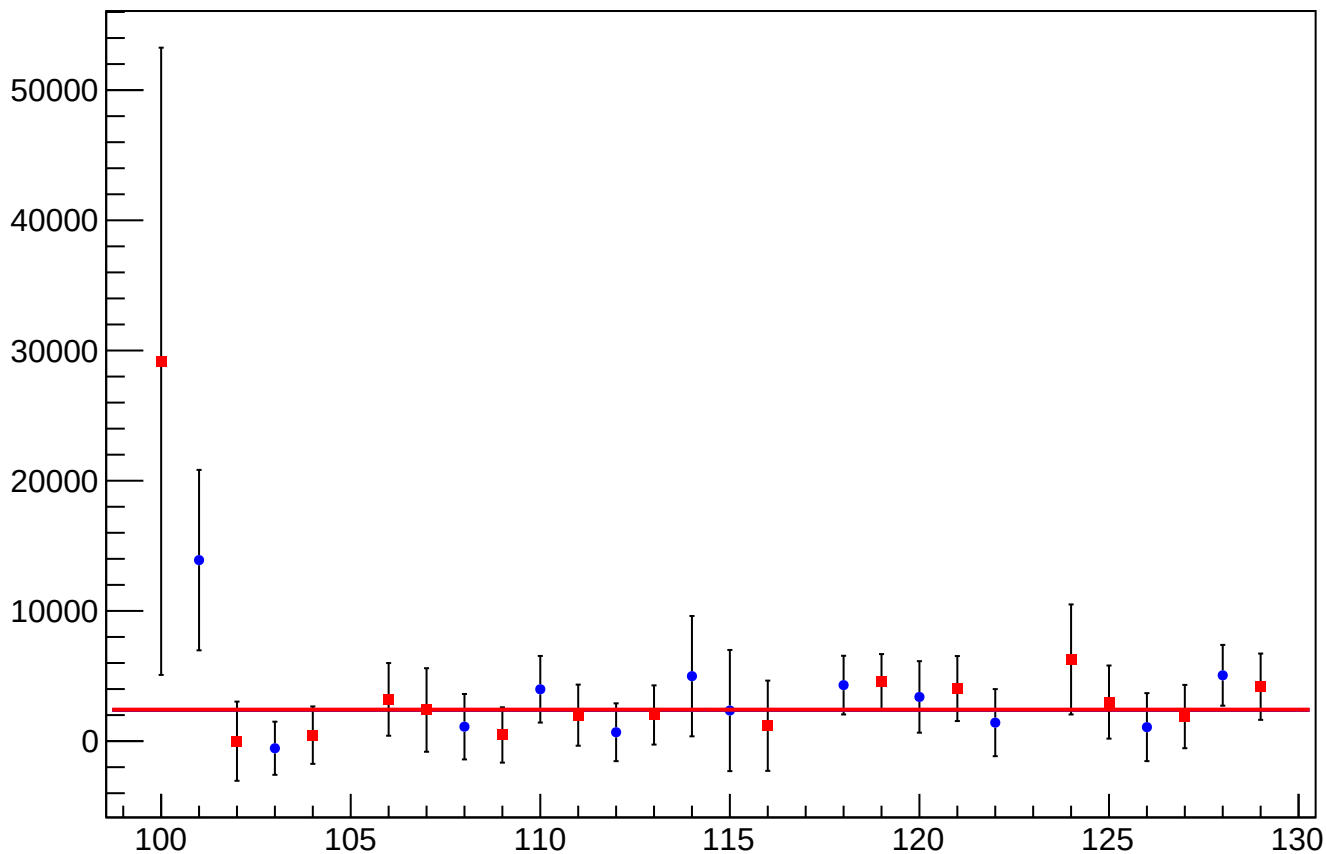
Right: 0.000+/-0.000 χ^2/NDF : 2052336.1/25

In: 0.000+/-0.000 χ^2/NDF : 1070395.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2052336.1/25

reg_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2394.887+/-771.866 χ^2/NDF : 8.9/11

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

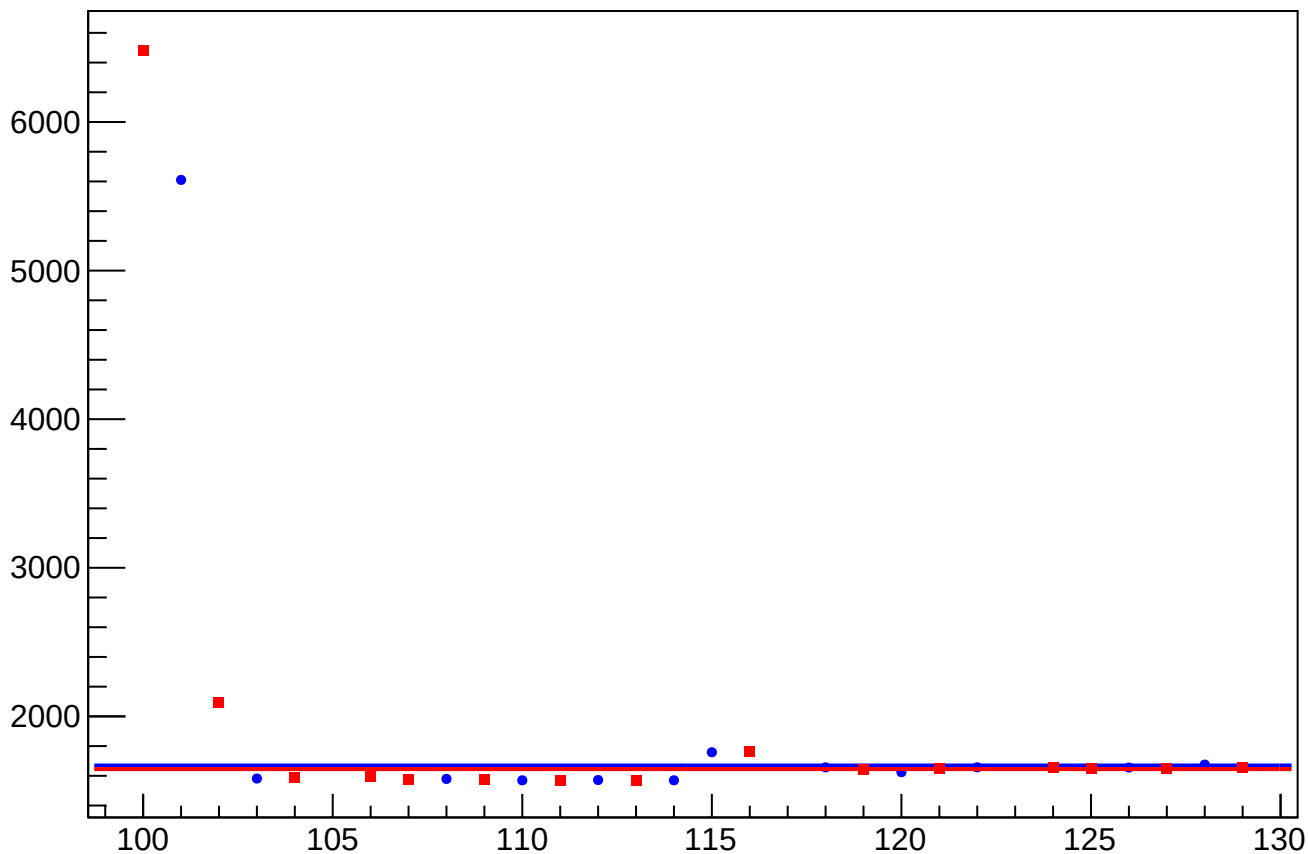
Right: 2406.393+/-513.850 χ^2/NDF : 15.6/26

In: 2394.887+/-771.866 χ^2/NDF : 8.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2406.393+/-513.850 χ^2/NDF : 15.6/26

reg_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1669.335+/-0.546 χ^2/NDF : 662570.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

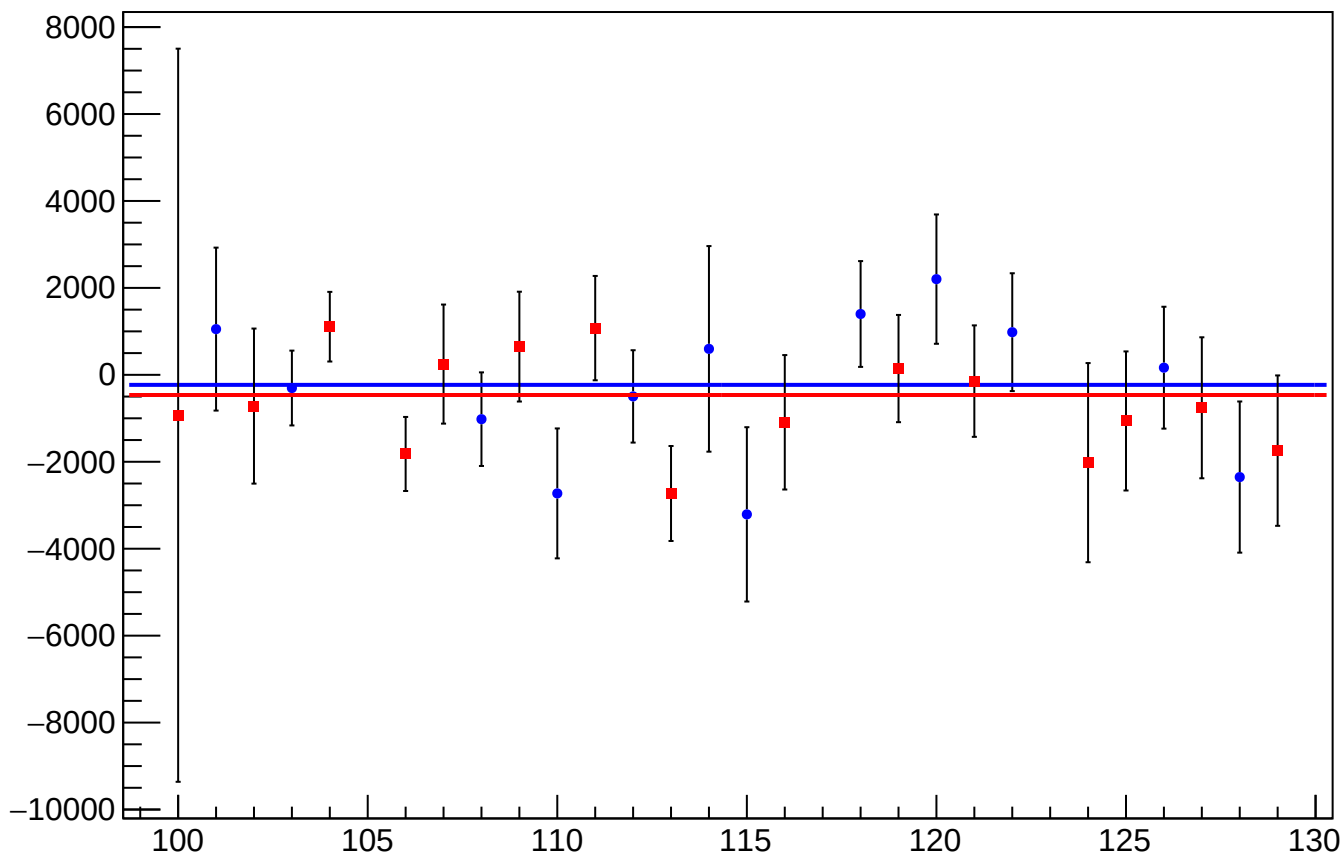
Right: 1655.883+/-0.363 χ^2/NDF : 800077.3/26

In: 1669.335+/-0.546 χ^2/NDF : 662570.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1655.883+/-0.363 χ^2/NDF : 800077.3/26

asym_usr_atr1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -230.727+/-384.338 χ^2/NDF : 13.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

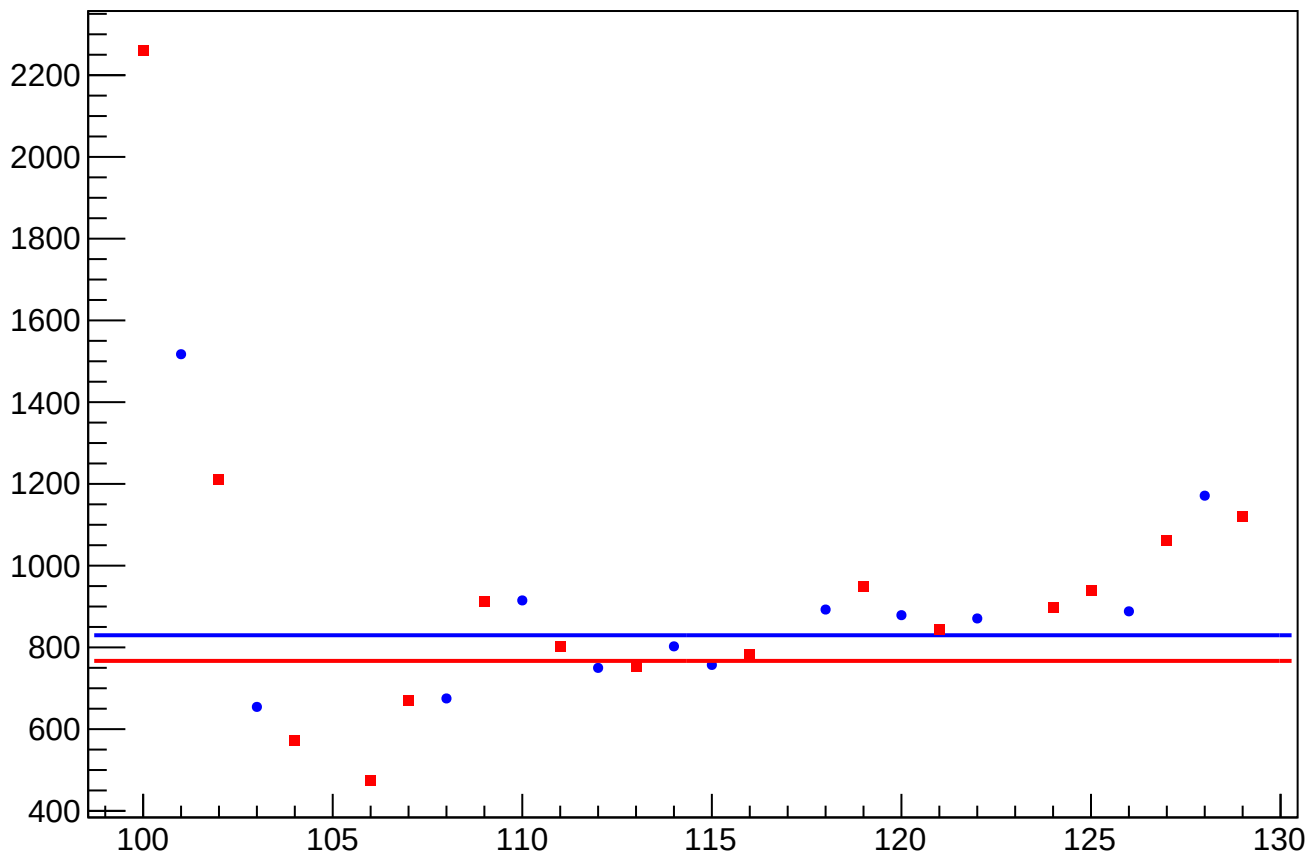
Right: -363.341+/-252.333 χ^2/NDF : 28.3/26

In: -230.727+/-384.338 χ^2/NDF : 13.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -363.341+/-252.333 χ^2/NDF : 28.3/26

asym_usr_atr1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 829.713+/-0.272 χ^2/NDF : 504037.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

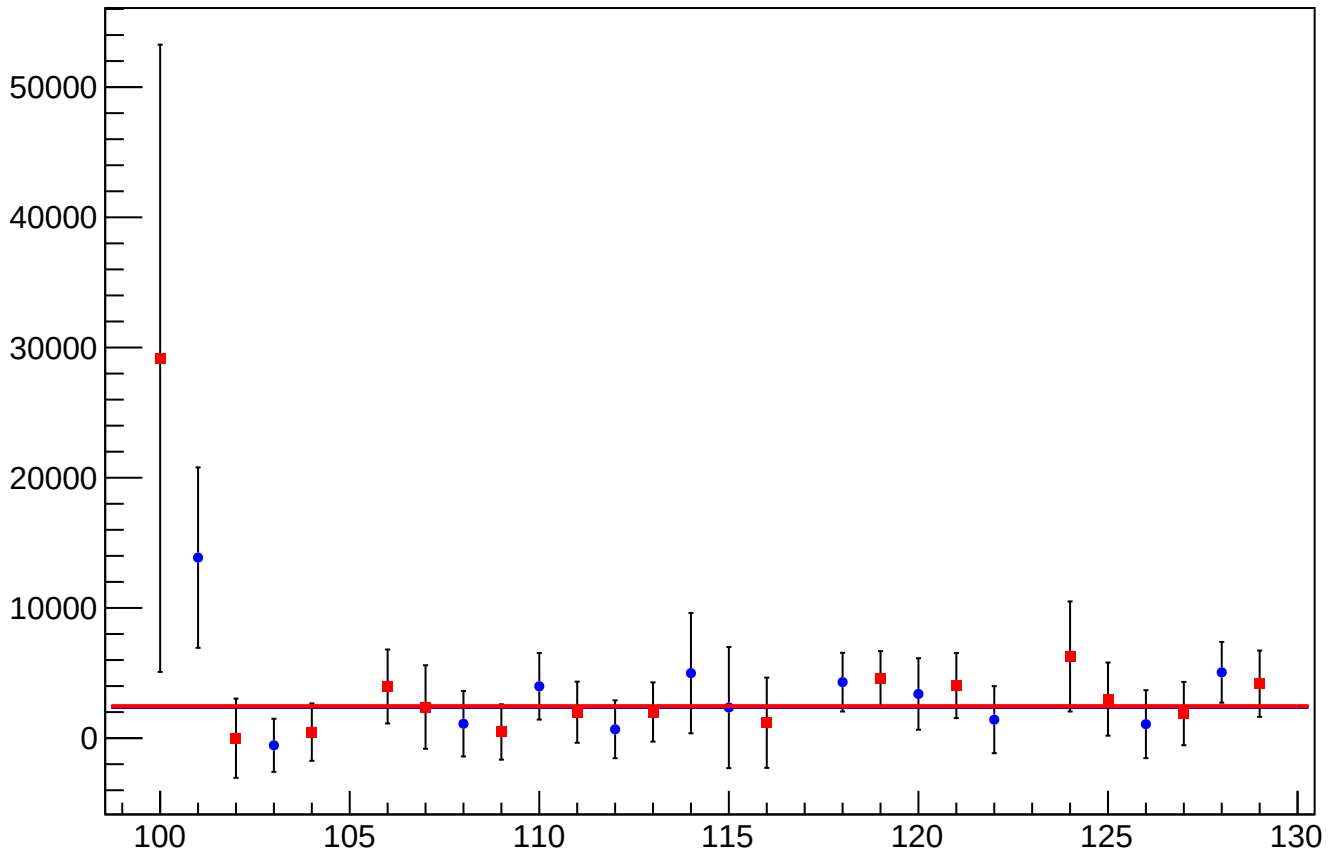
Right: 794.014+/-0.178 χ^2/NDF : 1344543.4/26

In: 829.713+/-0.272 χ^2/NDF : 504037.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 794.014+/-0.178 χ^2/NDF : 1344543.4/26

cor_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2394.152+/-771.866 χ^2/NDF : 8.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

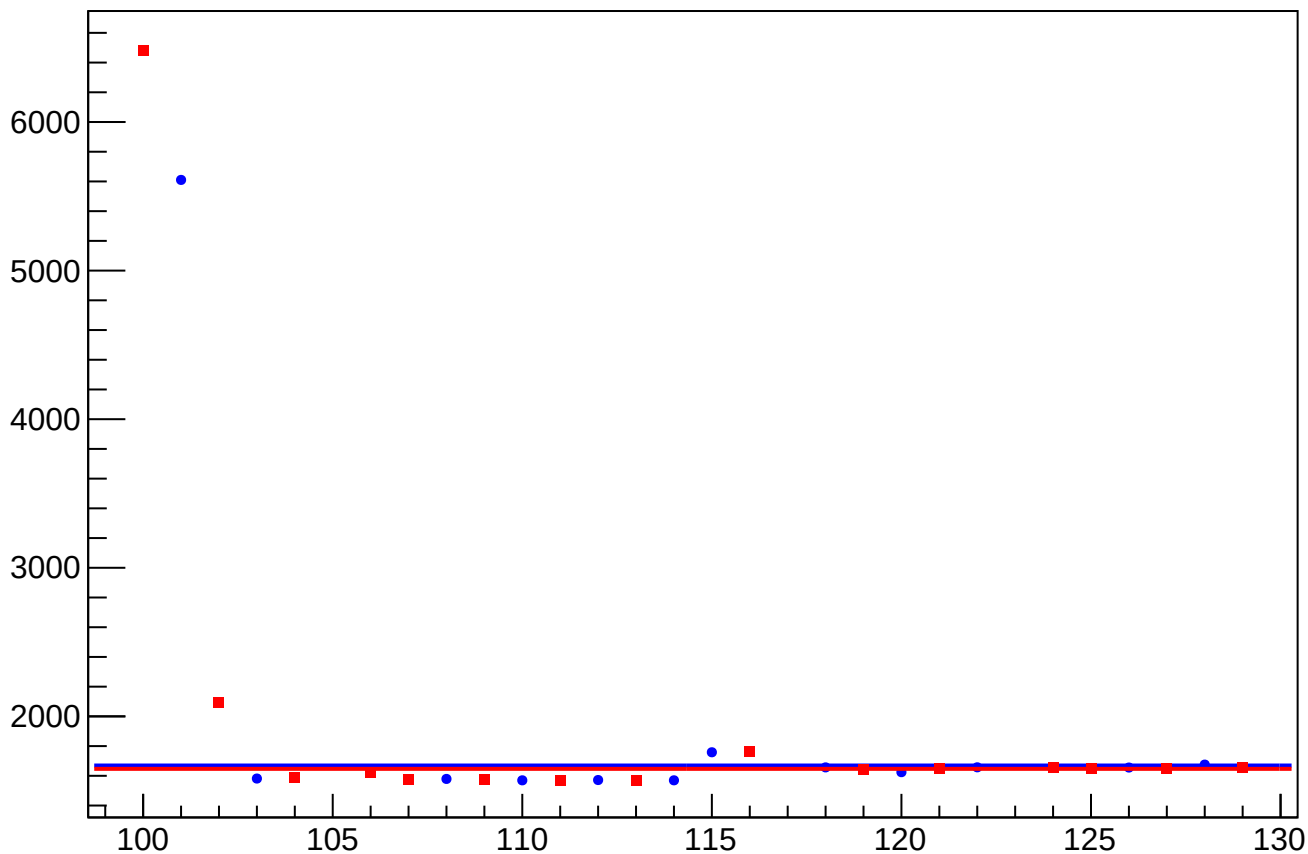
Right: 2430.414+/-514.150 χ^2/NDF : 15.8/26

In: 2394.152+/-771.866 χ^2/NDF : 8.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2430.414+/-514.150 χ^2/NDF : 15.8/26

cor_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1669.335 $\pm$ 0.546 χ^2 /NDF: 662569.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1646.845 $\pm$ 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

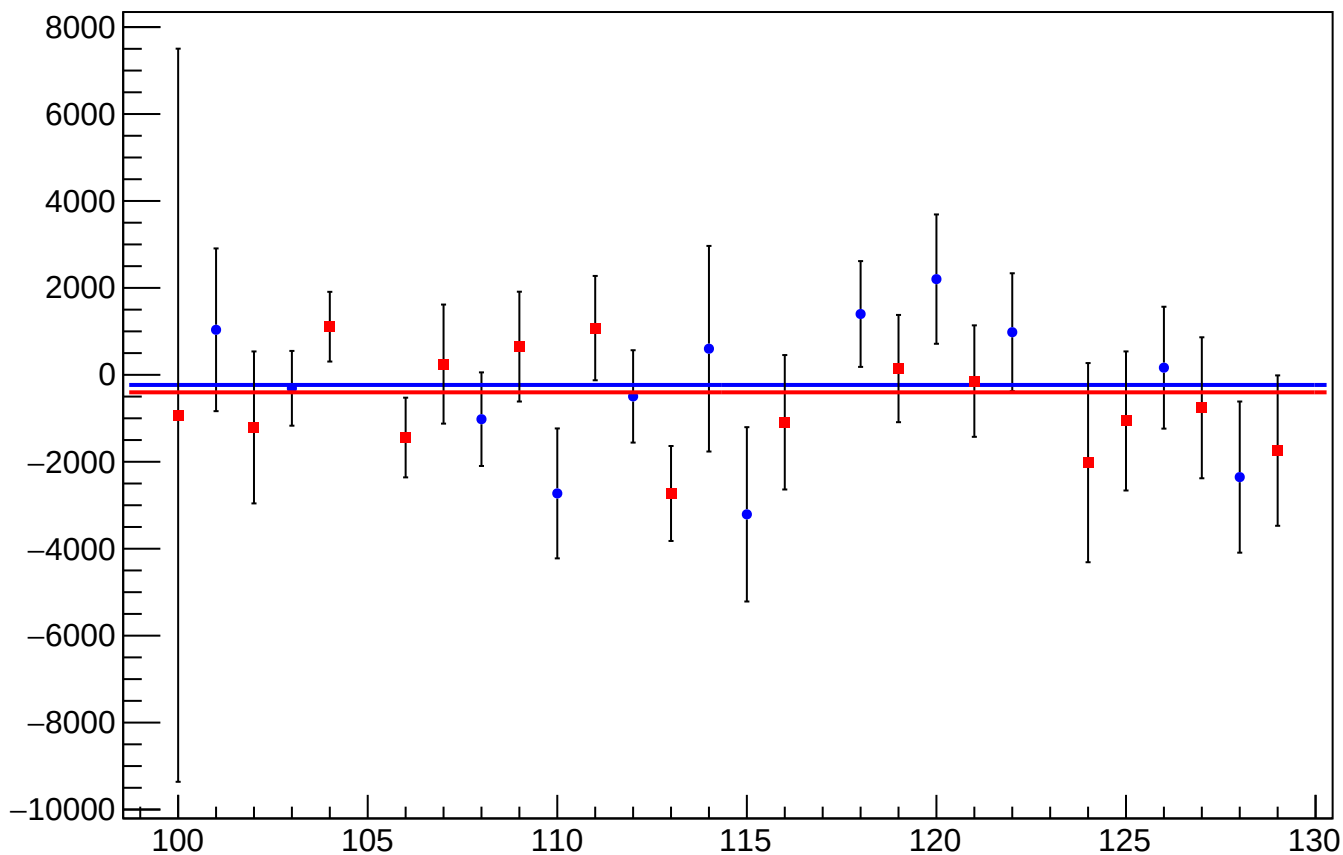
Right: 1656.824 $\pm$ 0.364 χ^2 /NDF: 799388.6/26

In: 1669.335 $\pm$ 0.546 χ^2 /NDF: 662569.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1656.824 $\pm$ 0.364 χ^2 /NDF: 799388.6/26

asym_usr_atr1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -232.459+/-384.274 χ^2/NDF : 13.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

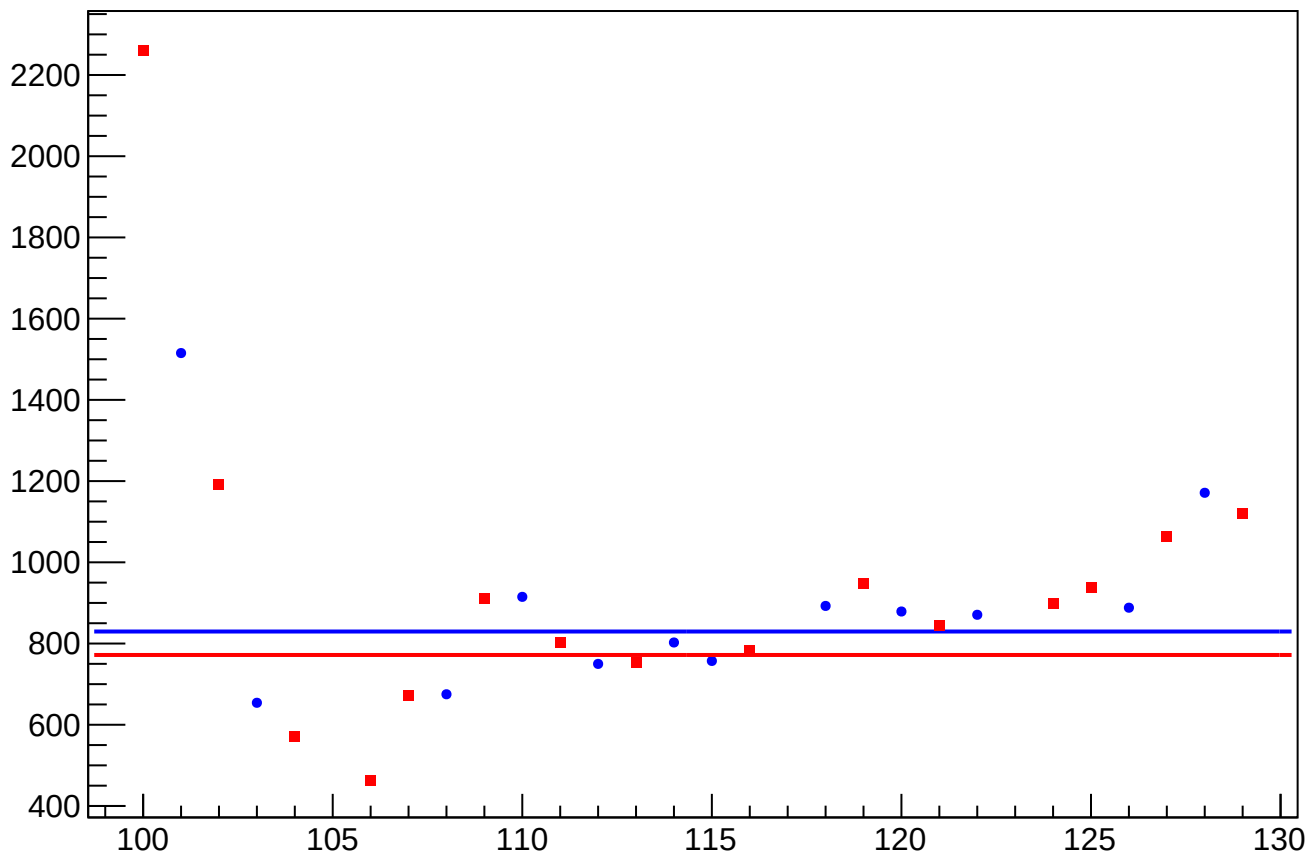
Right: -328.269+/-253.761 χ^2/NDF : 26.9/26

In: -232.459+/-384.274 χ^2/NDF : 13.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -328.269+/-253.761 χ^2/NDF : 26.9/26

asym_usr_atr1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 829.609+/-0.272 χ^2/NDF : 503607.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

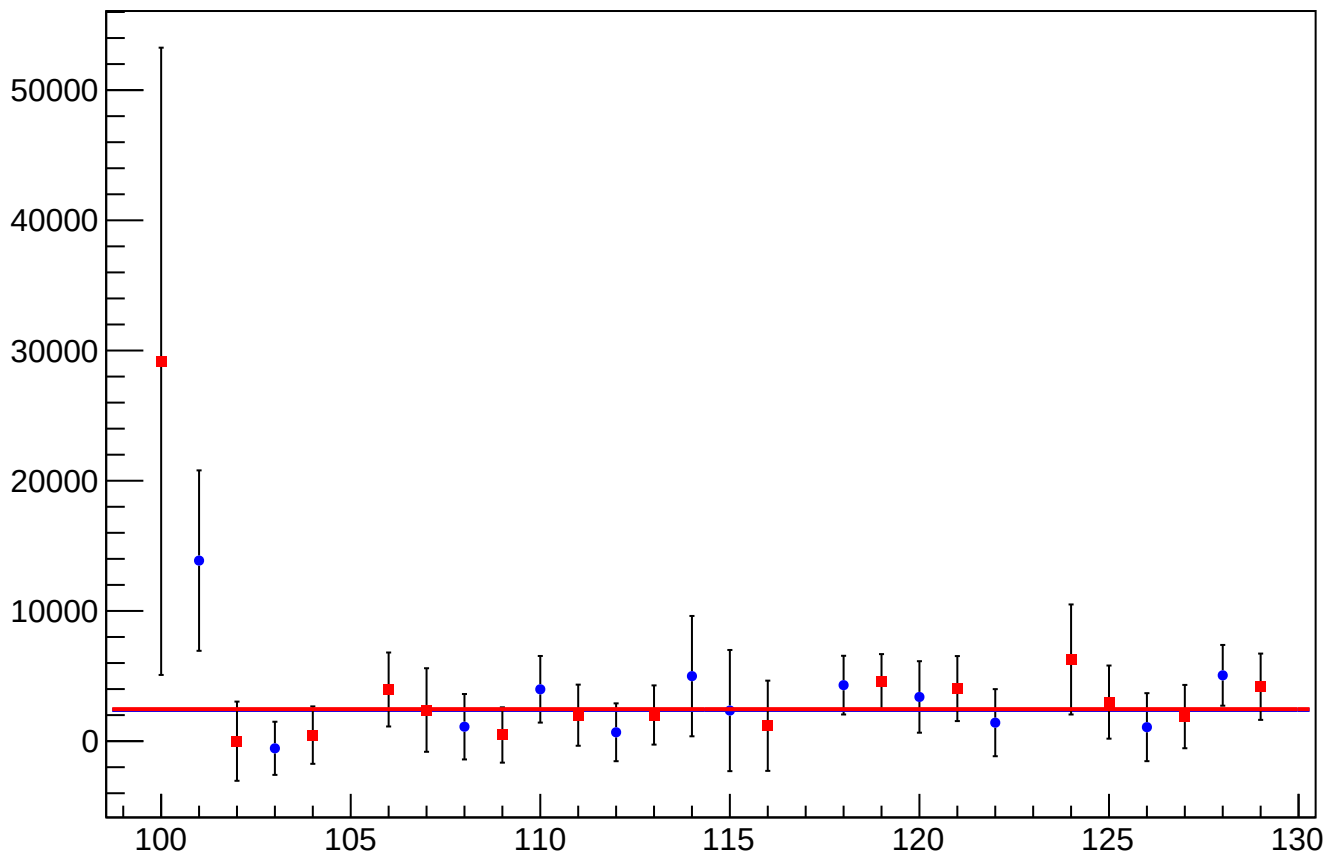
Right: 797.032+/-0.179 χ^2/NDF : 1316272.2/26

In: 829.609+/-0.272 χ^2/NDF : 503607.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 797.032+/-0.179 χ^2/NDF : 1316272.2/26

eigen_cor_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2394.152+/-771.866 χ^2/NDF : 8.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

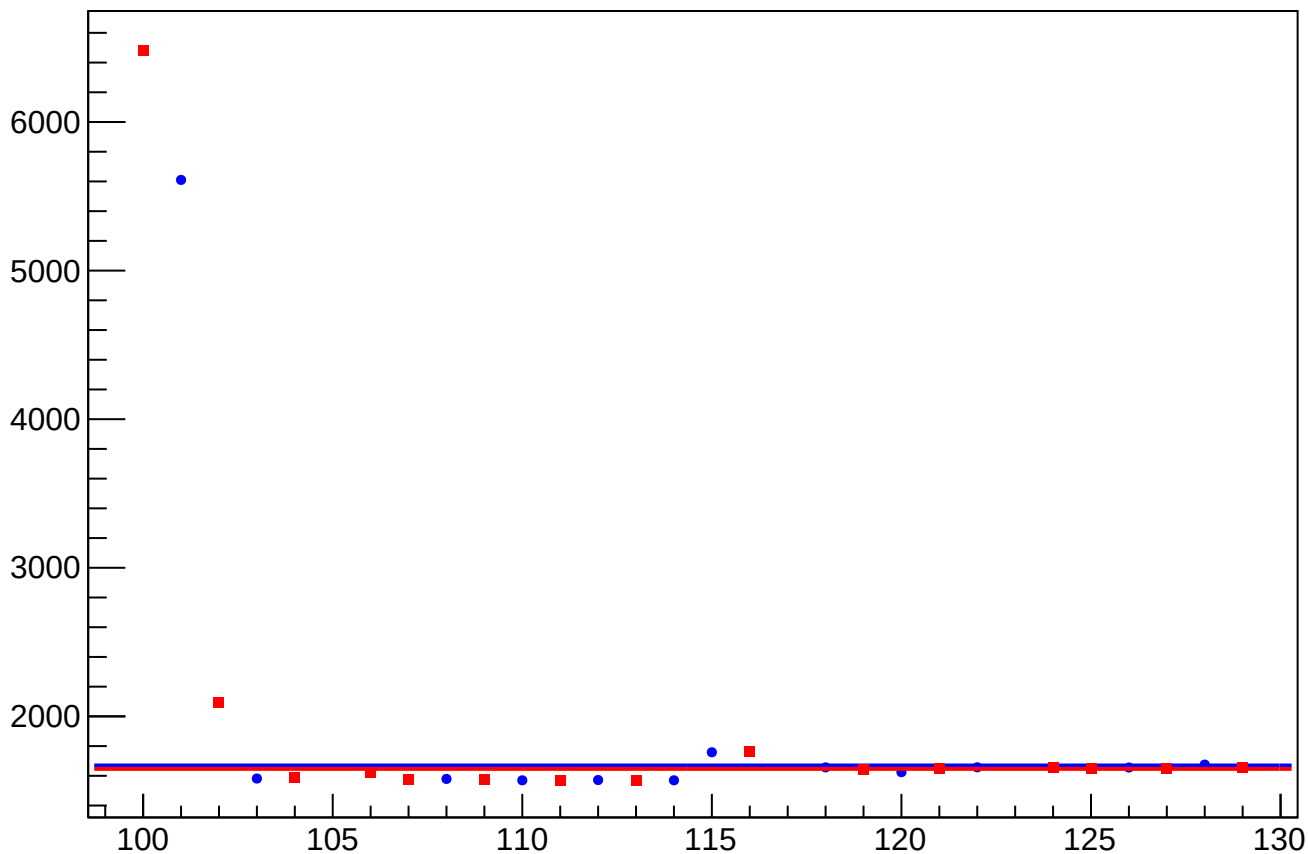
Right: 2430.414+/-514.150 χ^2/NDF : 15.8/26

In: 2394.152+/-771.866 χ^2/NDF : 8.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2430.414+/-514.150 χ^2/NDF : 15.8/26

eigen_cor_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1669.335+/-0.546 χ^2/NDF : 662569.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1646.845+/-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

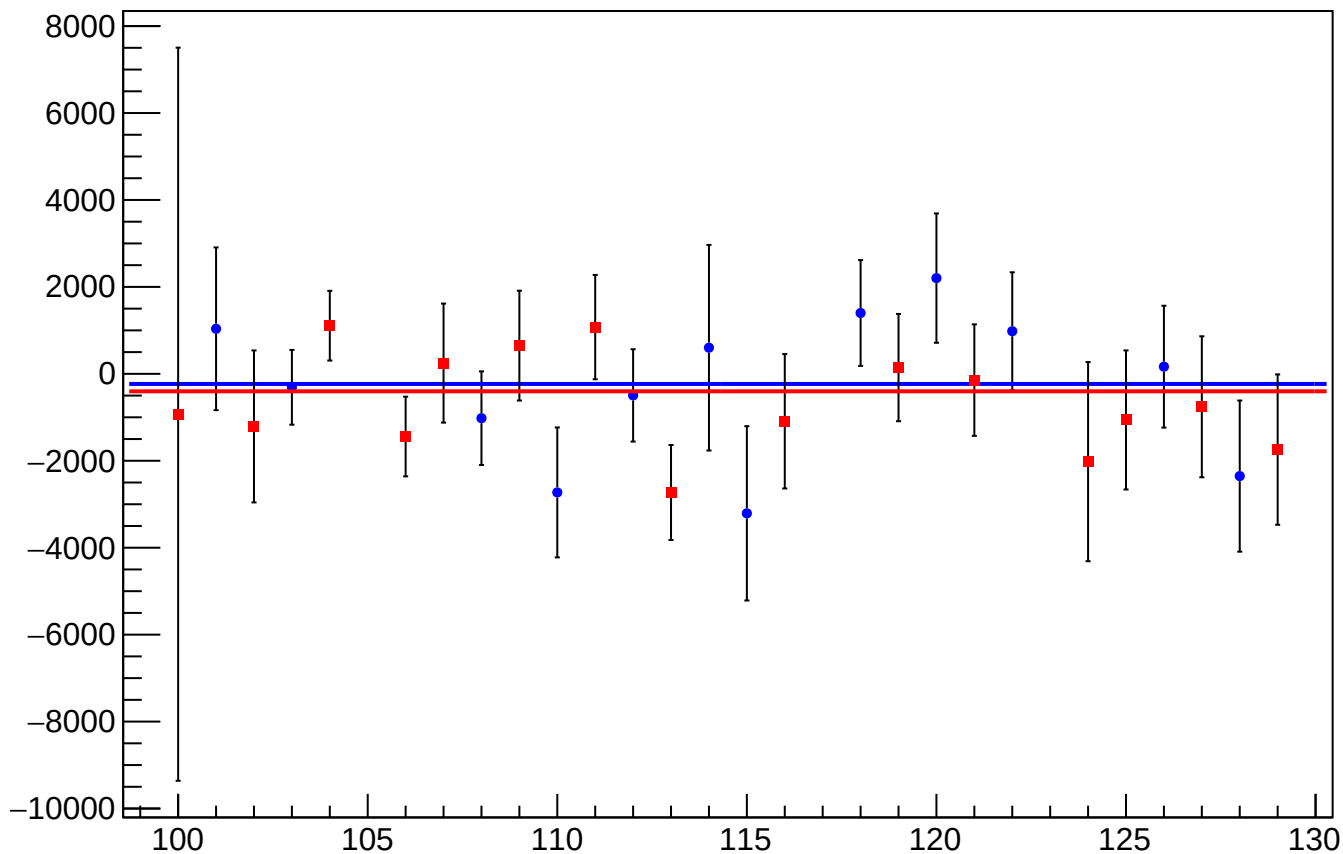
Right: 1656.824+/-0.364 χ^2/NDF : 799388.6/26

In: 1669.335+/-0.546 χ^2/NDF : 662569.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1656.824+/-0.364 χ^2/NDF : 799388.6/26

asym_usr_atr1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -232.459+/-384.274 χ^2/NDF : 13.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

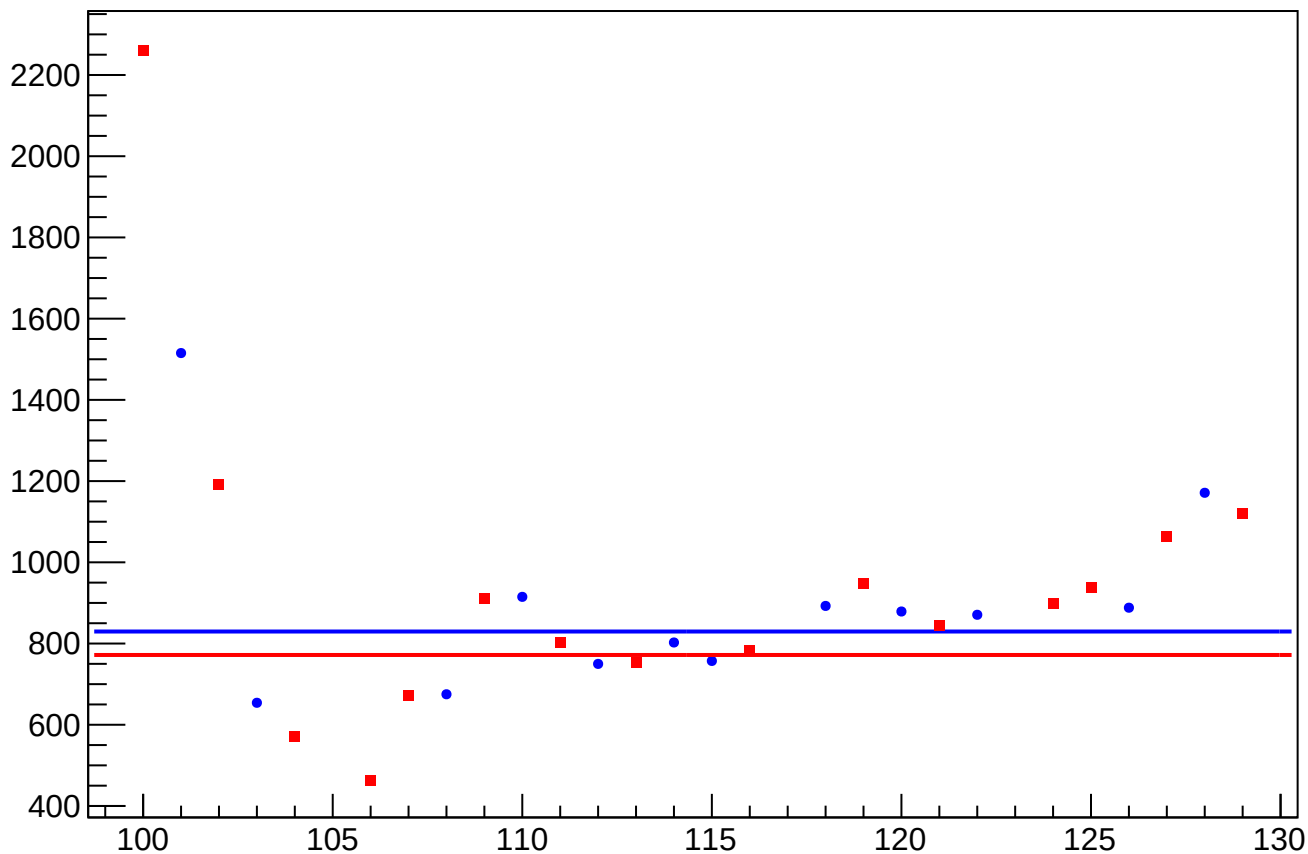
Right: -328.269+/-253.761 χ^2/NDF : 26.9/26

In: -232.459+/-384.274 χ^2/NDF : 13.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -328.269+/-253.761 χ^2/NDF : 26.9/26

asym_usr_atr1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 829.609+/-0.272 χ^2/NDF : 503607.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

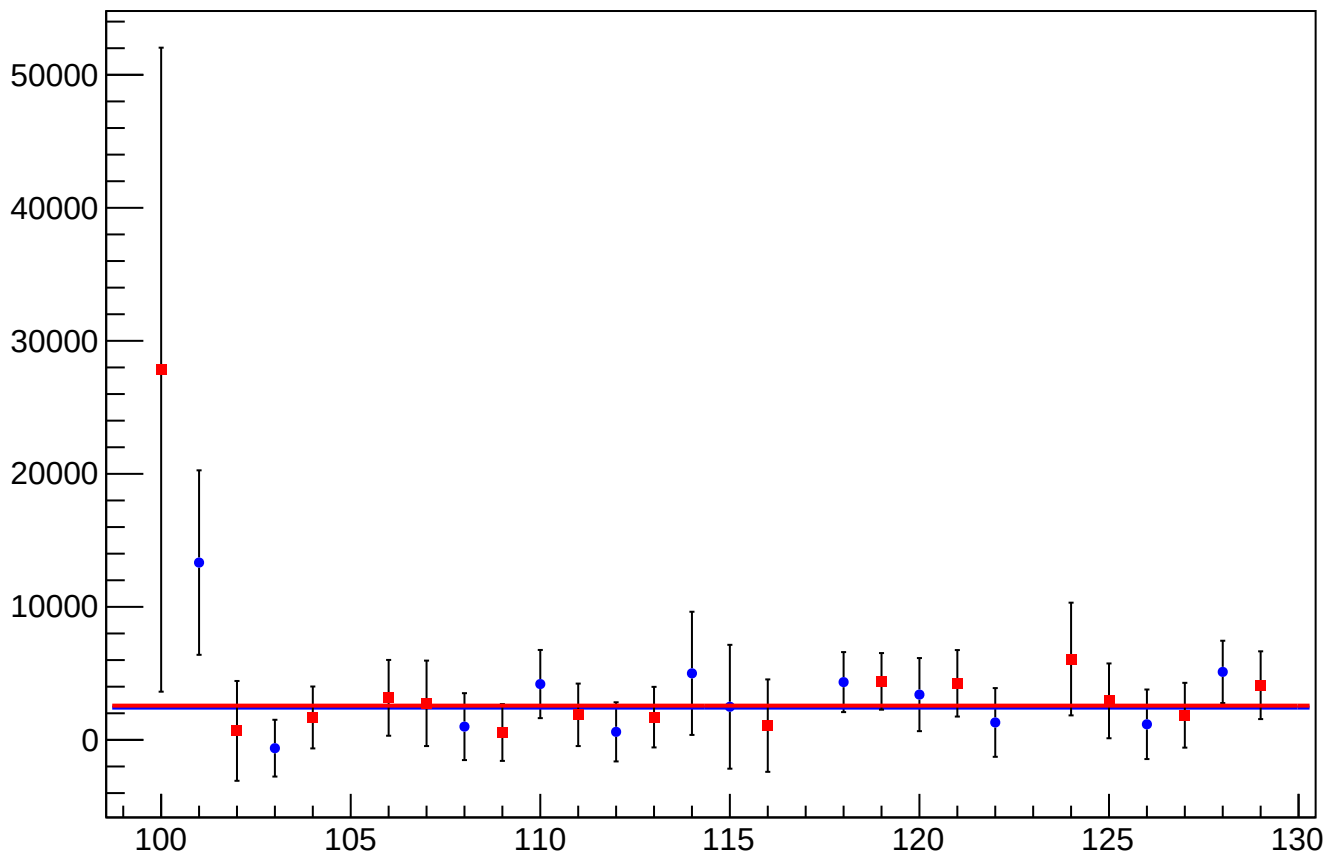
Right: 797.032+/-0.179 χ^2/NDF : 1316272.2/26

In: 829.609+/-0.272 χ^2/NDF : 503607.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 797.032+/-0.179 χ^2/NDF : 1316272.2/26

dit_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2426.516+/-777.747 χ^2/NDF : 8.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

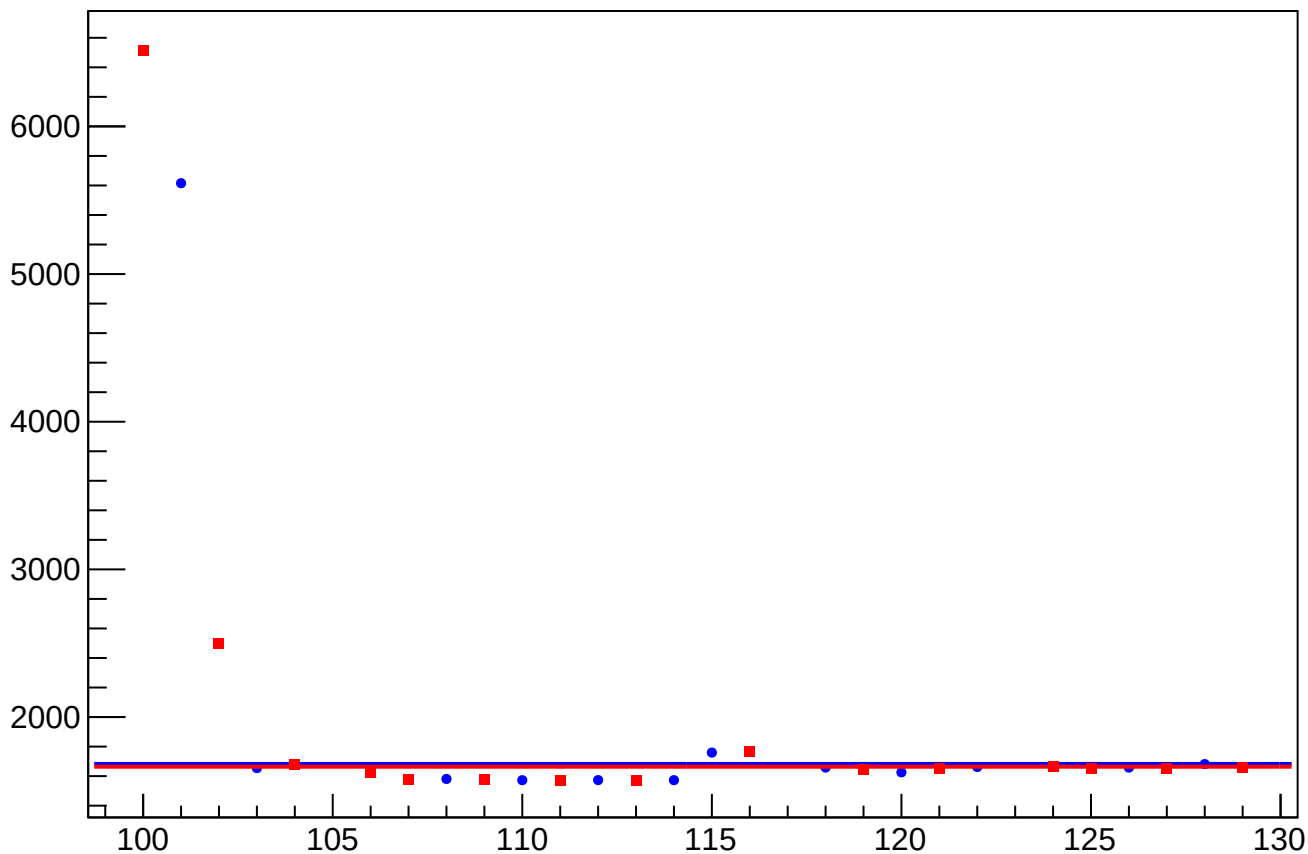
Right: 2508.465+/-520.382 χ^2/NDF : 14.1/26

In: 2426.516+/-777.747 χ^2/NDF : 8.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2508.465+/-520.382 χ^2/NDF : 14.1/26

dit_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1682.387+/-0.550 χ^2/NDF : 658418.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

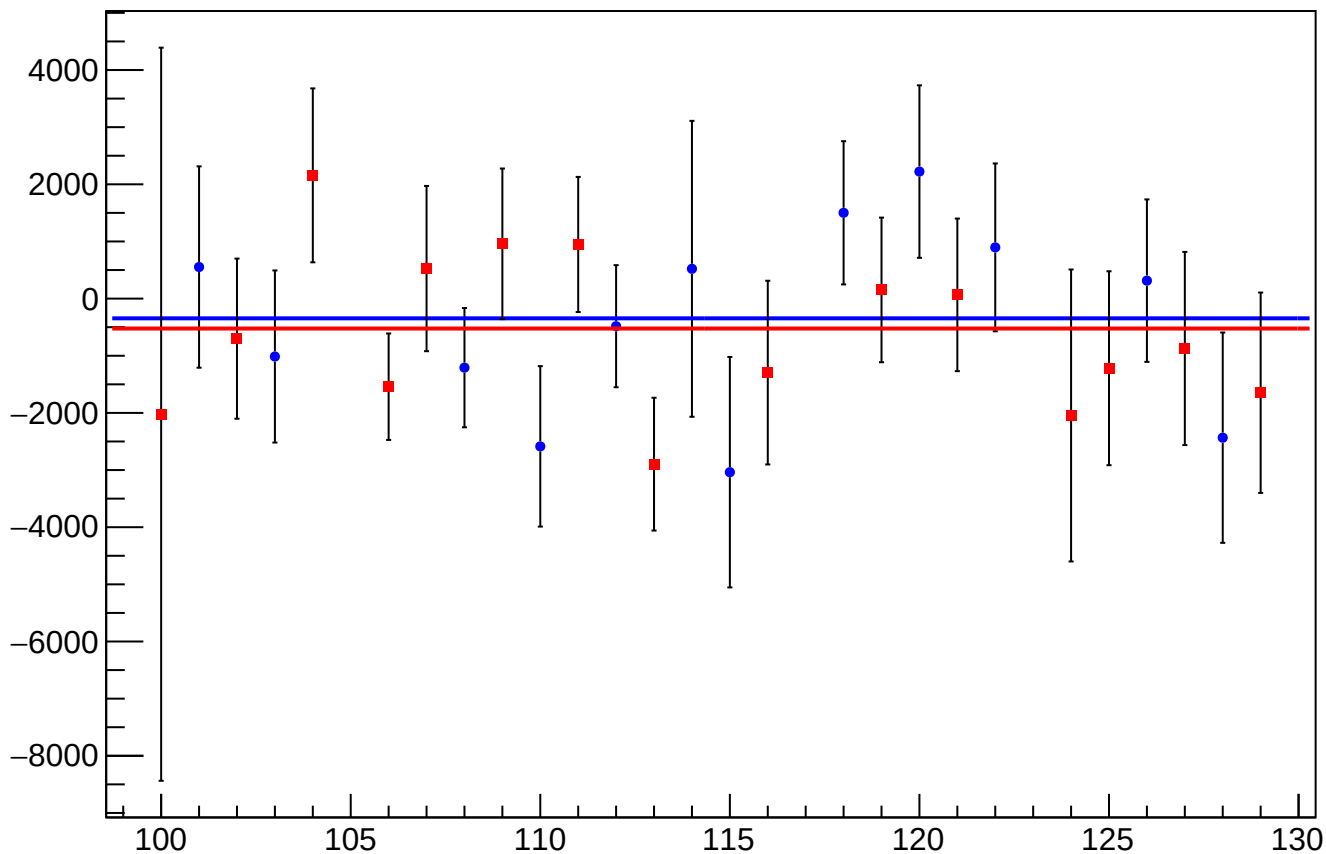
Right: 1672.162+/-0.368 χ^2/NDF : 851418.3/26

In: 1682.387+/-0.550 χ^2/NDF : 658418.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1672.162+/-0.368 χ^2/NDF : 851418.3/26

asym_usr_atr1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -345.133+/-415.563 χ^2/NDF : 12.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

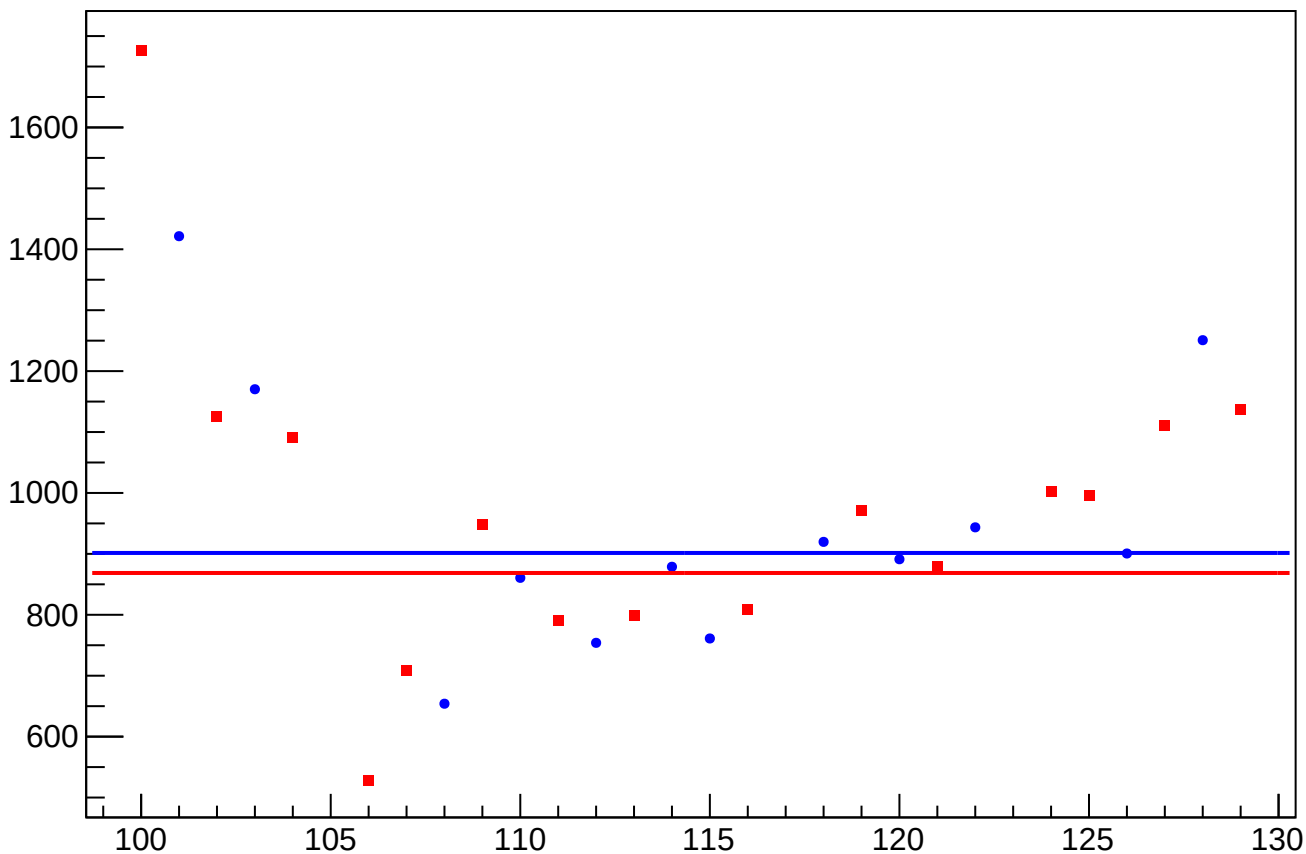
Right: -445.210+/-275.563 χ^2/NDF : 26.6/26

In: -345.133+/-415.563 χ^2/NDF : 12.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -445.210+/-275.563 χ^2/NDF : 26.6/26

asym_usr_atr1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 901.514+/-0.294 χ^2/NDF : 474416.8/11

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

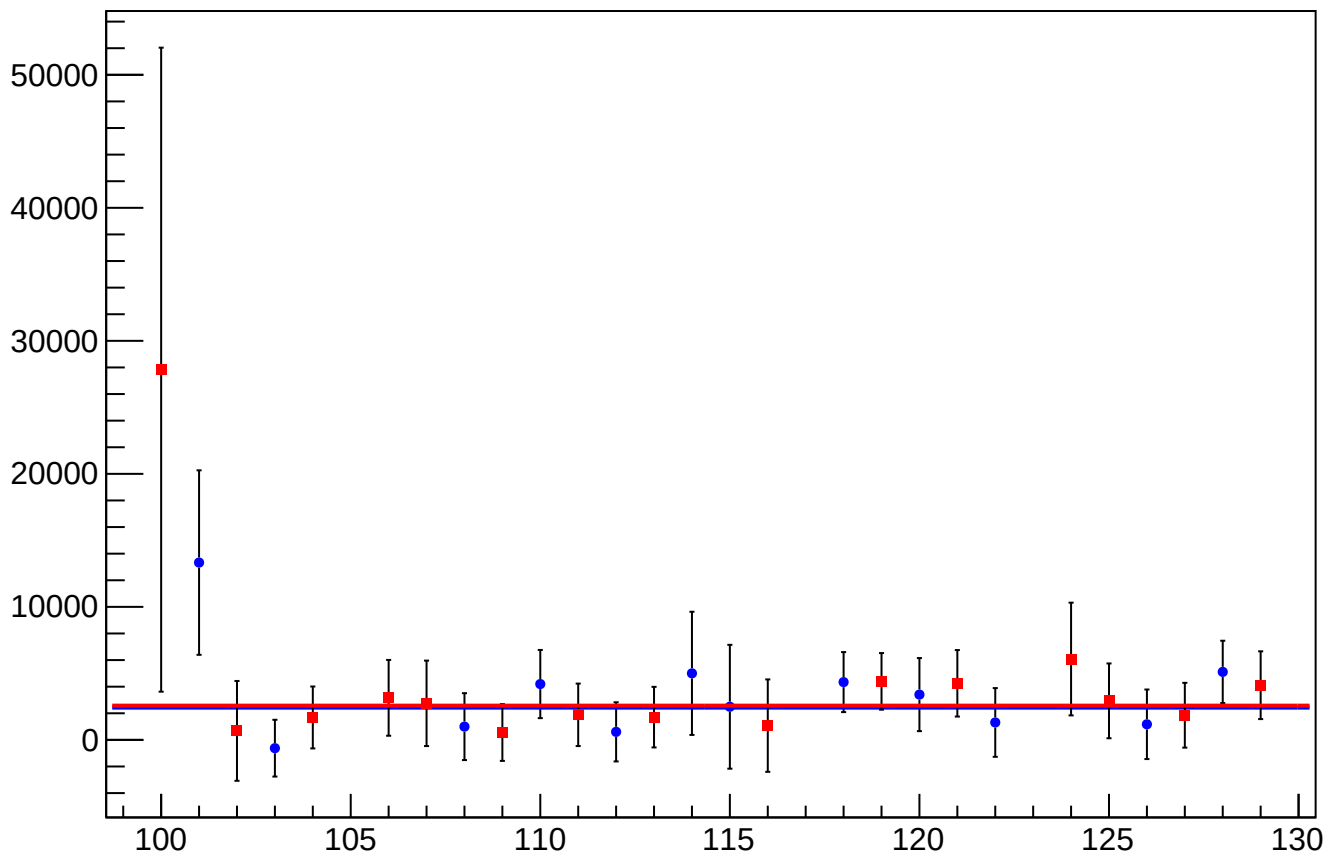
Right: 883.093+/-0.195 χ^2/NDF : 1062751.9/26

In: 901.514+/-0.294 χ^2/NDF :474416.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 883.093+/-0.195 χ^2/NDF : 1062751.9/26

eigen_dit_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2426.519+/-777.747 χ^2/NDF : 8.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

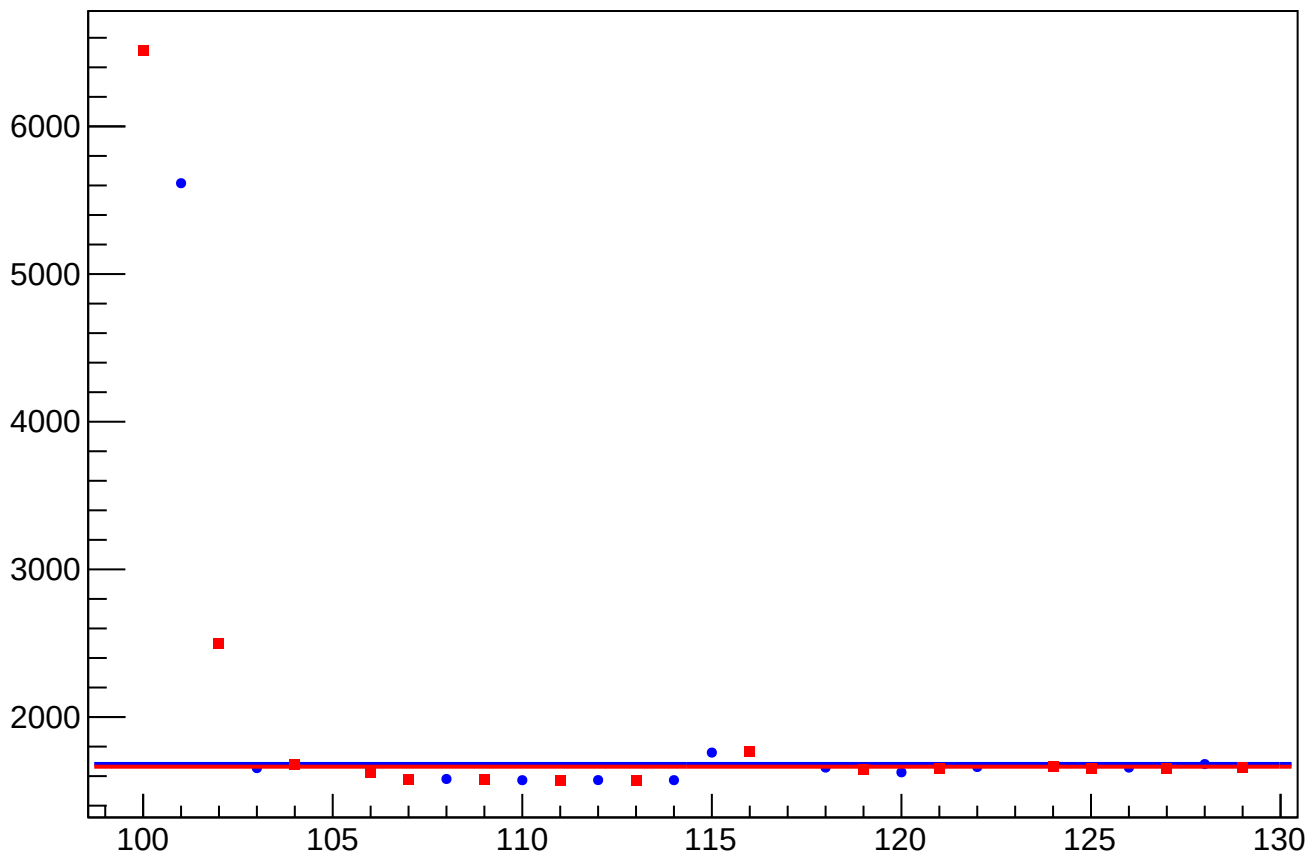
Right: 2508.466+/-520.382 χ^2/NDF : 14.1/26

In: 2426.519+/-777.747 χ^2/NDF : 8.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2508.466+/-520.382 χ^2/NDF : 14.1/26

eigen_dit_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1682.387+/-0.550 χ^2/NDF : 658418.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

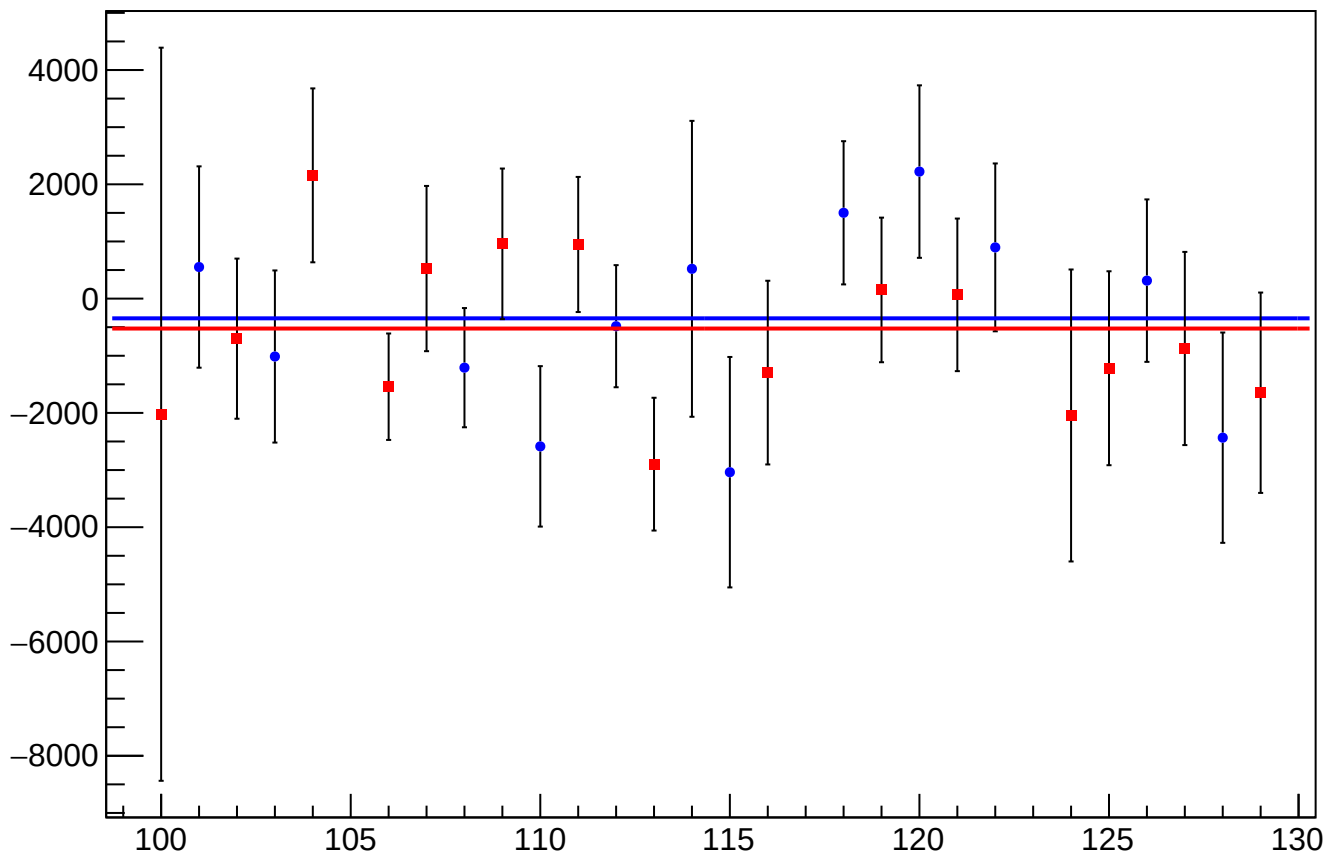
Right: 1672.162+/-0.368 χ^2/NDF : 851418.1/26

In: 1682.387+/-0.550 χ^2/NDF : 658418.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1672.162+/-0.368 χ^2/NDF : 851418.1/26

asym_usr_atr1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -345.131+/-415.561 χ^2/NDF : 12.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

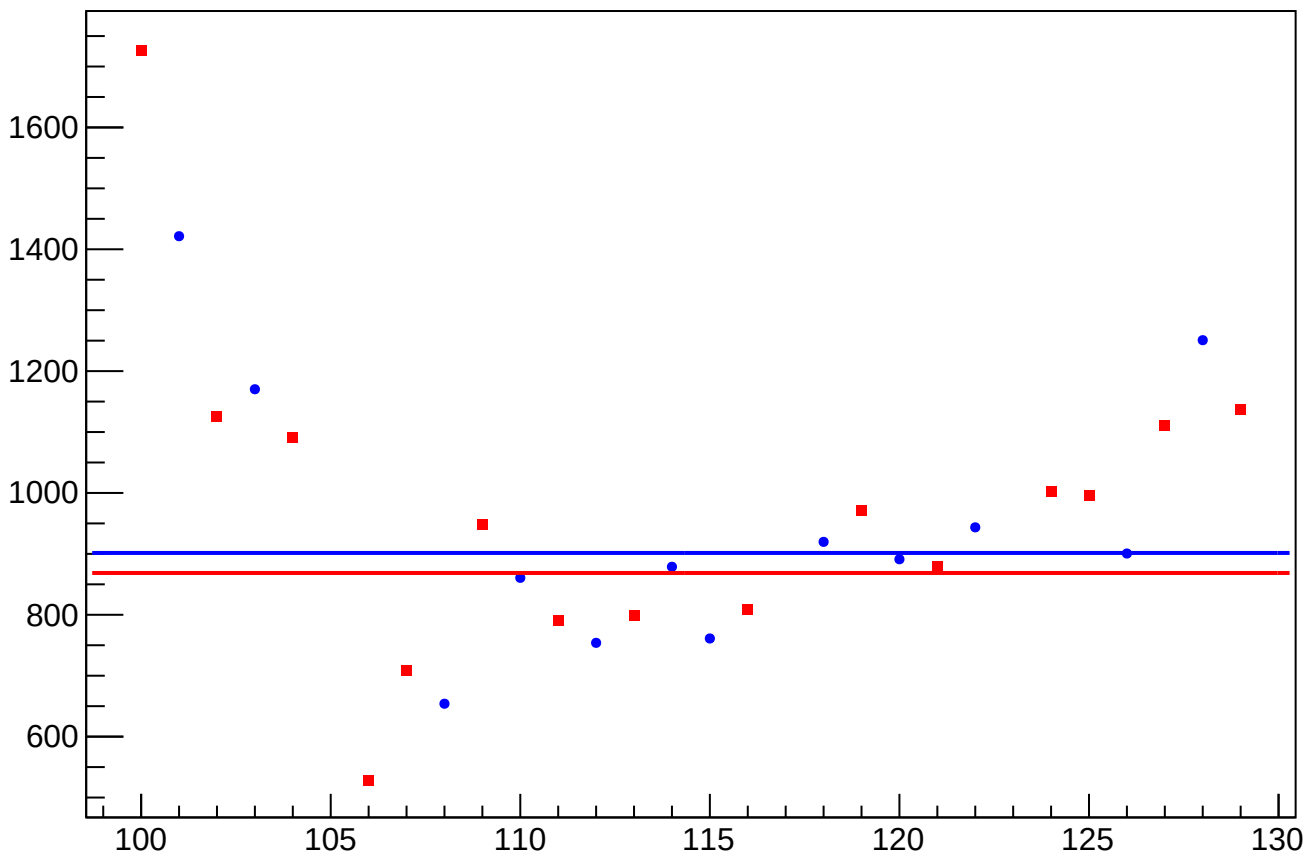
Right: -445.209+/-275.562 χ^2/NDF : 26.6/26

In: -345.131+/-415.561 χ^2/NDF : 12.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -445.209+/-275.562 χ^2/NDF : 26.6/26

asym_usr_atr1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 901.509+/-0.294 χ^2/NDF : 474419.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

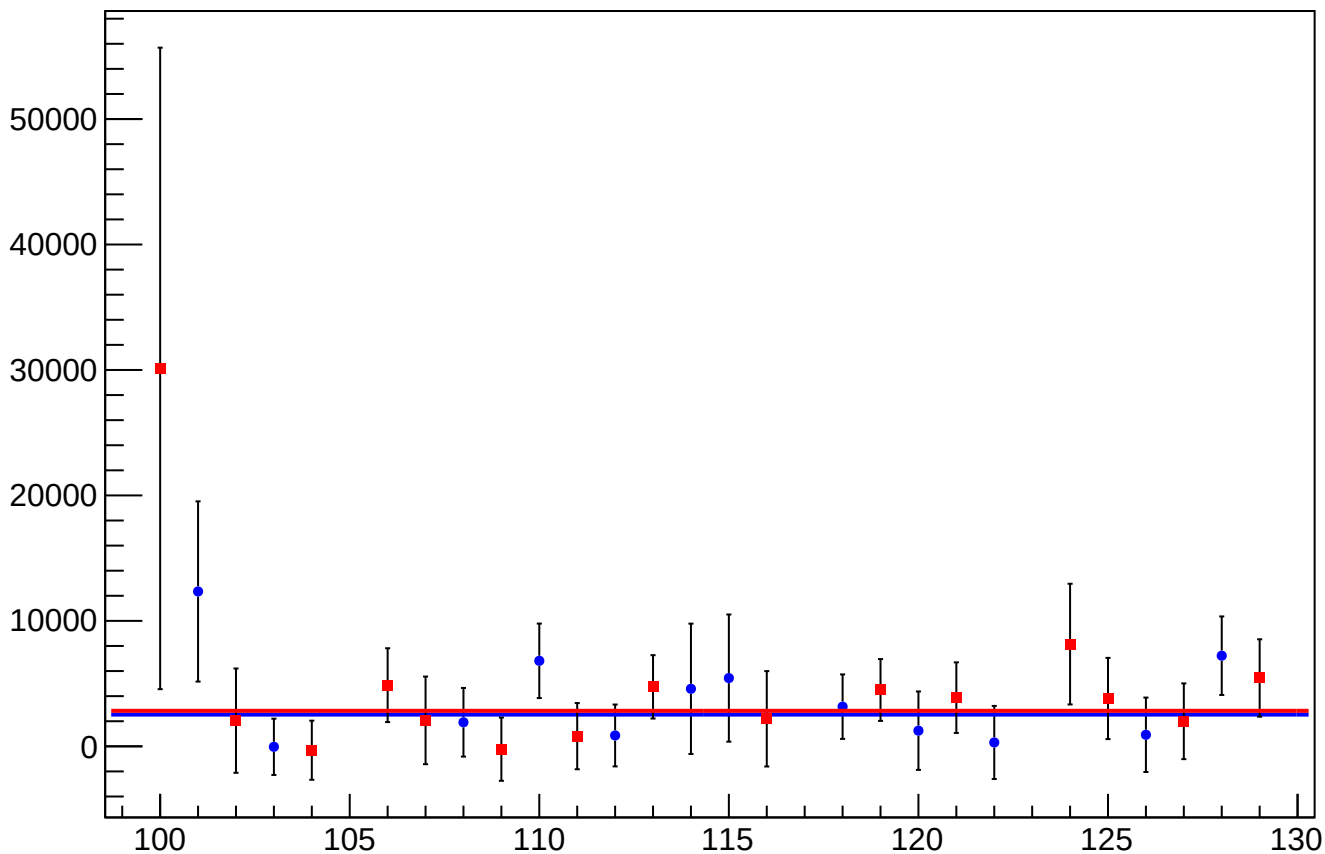
Right: 883.090+/-0.195 χ^2/NDF : 1062749.0/26

In: 901.509+/-0.294 χ^2/NDF : 474419.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 883.090+/-0.195 χ^2/NDF : 1062749.0/26

asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2528.980+/-879.491 χ^2/NDF : 9.6/11

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

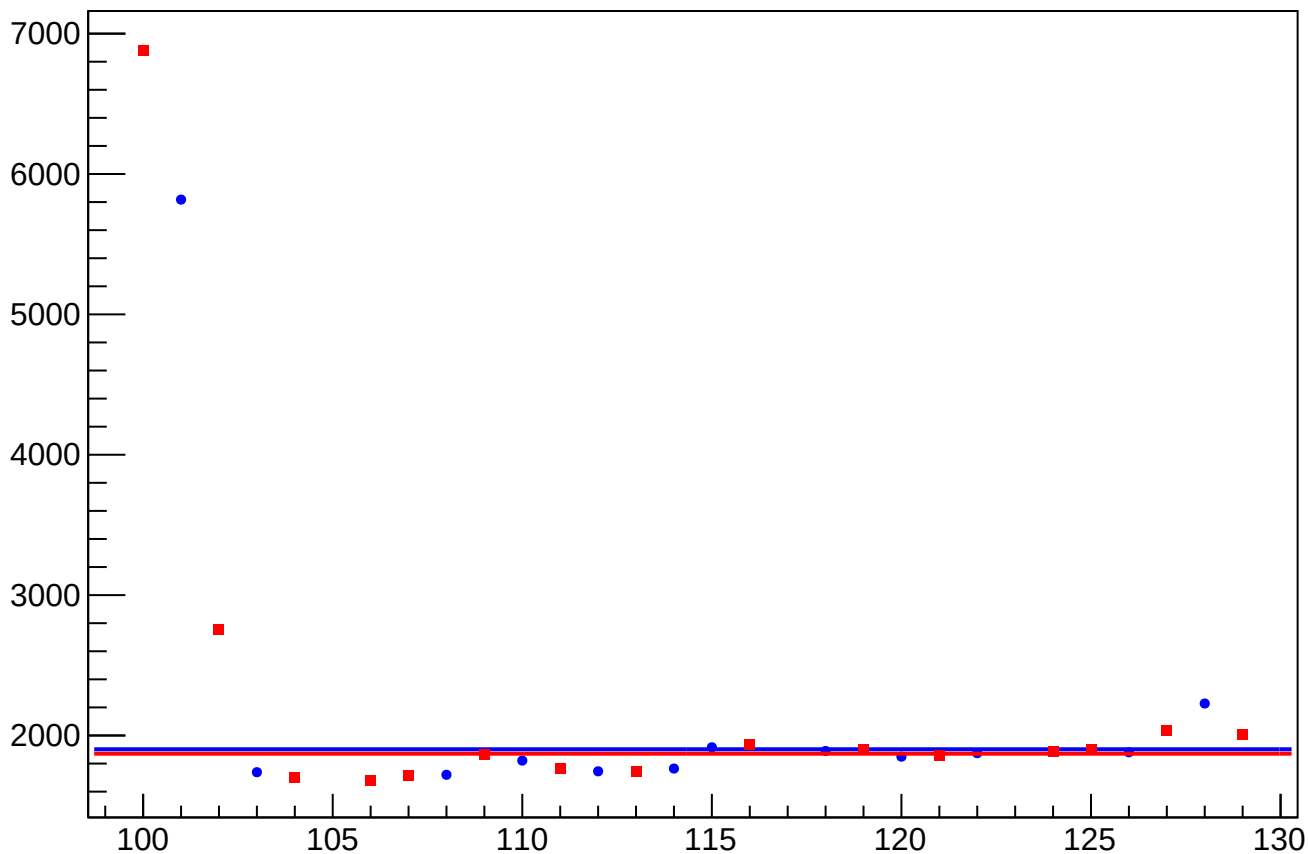
Right: 2696.669+/-587.084 χ^2/NDF : 18.5/26

In: 2528.980+/-879.491 χ^2/NDF : 9.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2696.669+/-587.084 χ^2/NDF : 18.5/26

asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1901.829+/-0.622 χ^2/NDF : 647264.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

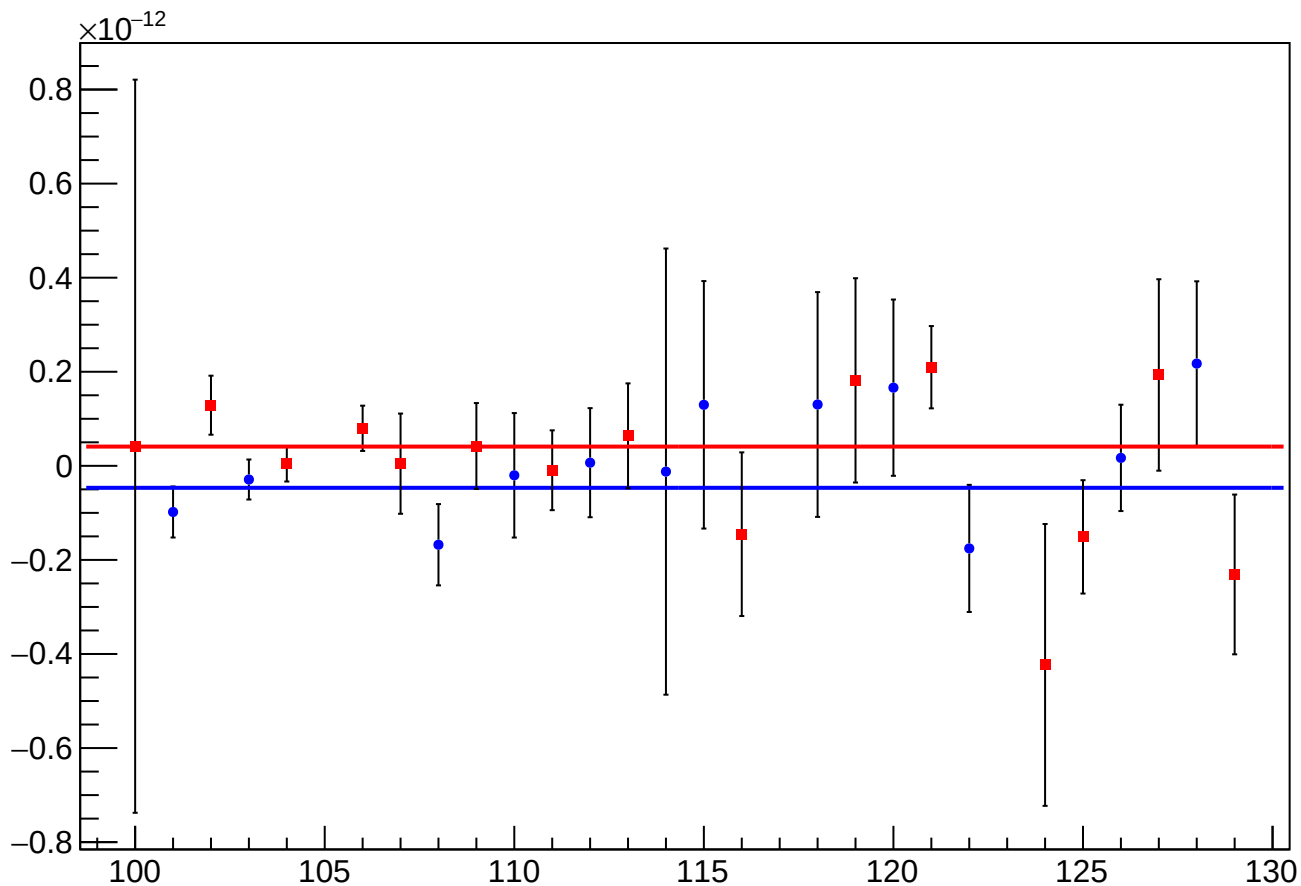
Right: 1884.359+/-0.415 χ^2/NDF : 858628.6/26

In: 1901.829+/-0.622 χ^2/NDF : 647264.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1884.359+/-0.415 χ^2/NDF : 858628.6/26

asym_usr_atr1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.1/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

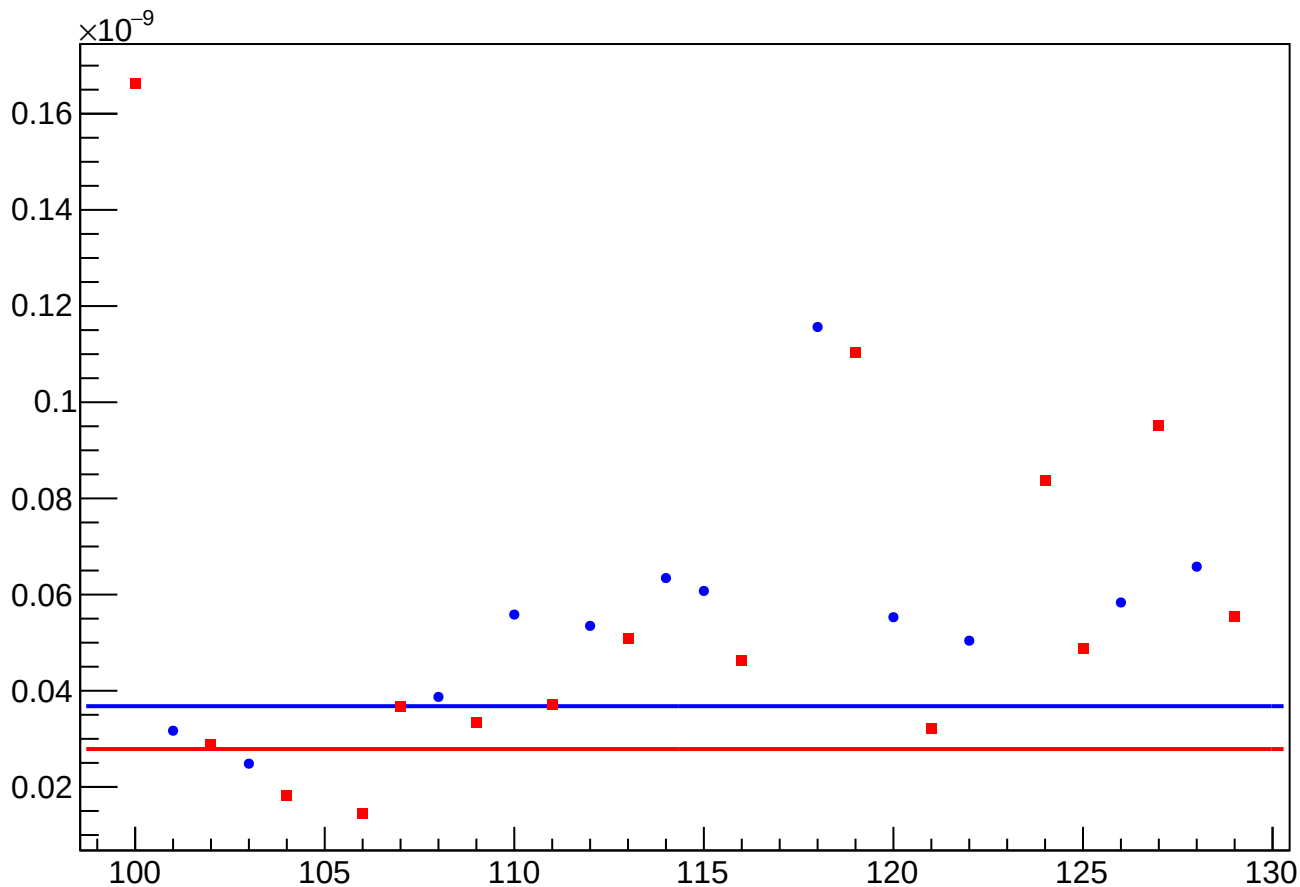
Right: 0.000+/-0.000 χ^2/NDF : 33.0/26

In: -0.000+/-0.000 χ^2/NDF :9.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.0/26

asym_usr_atr1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 668031.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

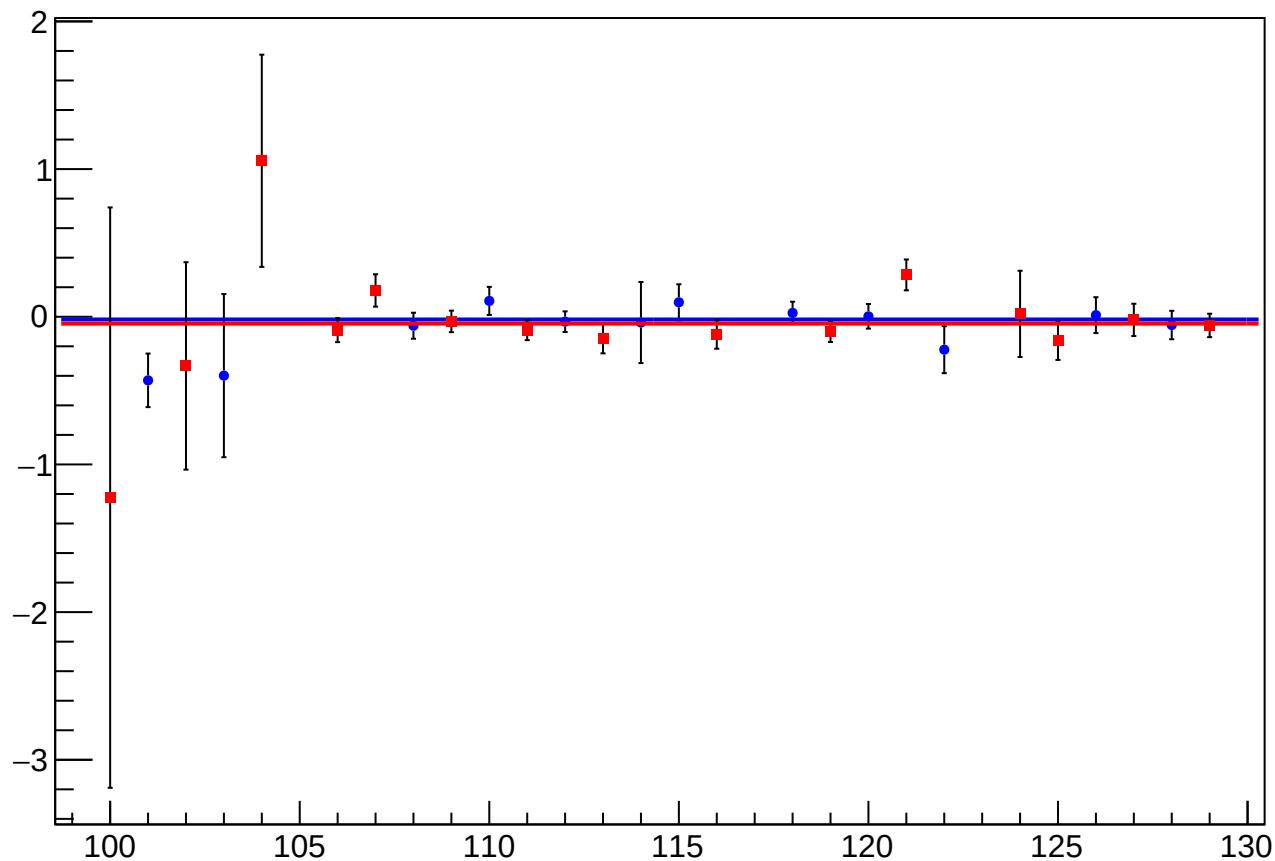
Right: 0.000+/-0.000 χ^2/NDF : 2000135.7/26

In: 0.000+/-0.000 χ^2/NDF : 668031.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2000135.7/26

asym_usr_atr1_avg_dit_vs_Slug, Sign Corrected



Right In: -0.018+/-0.030 χ^2/NDF : 10.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.047+/-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

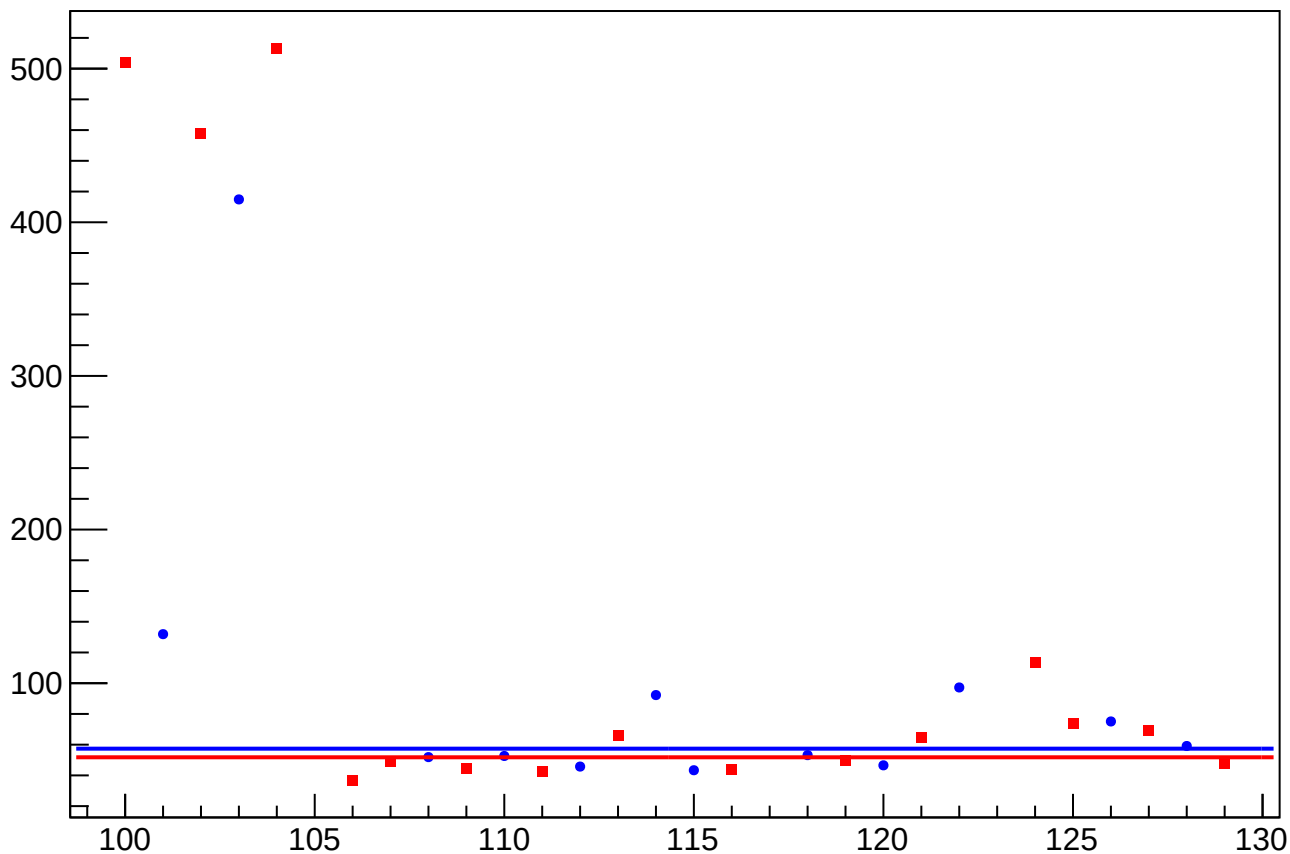
Right: -0.035+/-0.020 χ^2/NDF : 32.4/26

In: -0.018+/-0.030 χ^2/NDF :10.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.035+/-0.020 χ^2/NDF : 32.4/26

asym_usr_atr1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.400+/-0.021 χ^2/NDF : 1510768.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

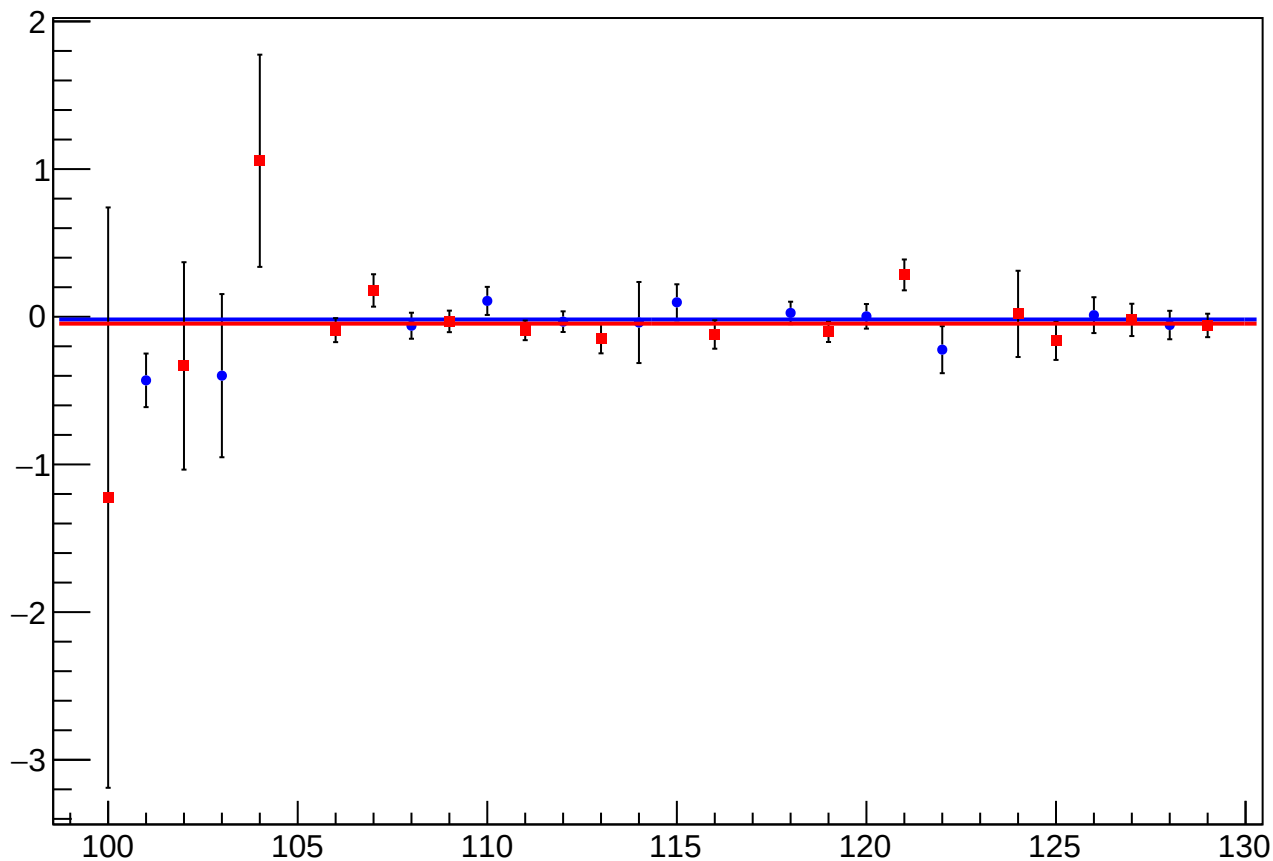
Right: 54.166+/-0.014 χ^2/NDF : 3570662.6/26

In: 57.400+/-0.021 χ^2/NDF : 1510768.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.166+/-0.014 χ^2/NDF : 3570662.6/26

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018+/-0.030 χ^2/NDF : 10.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.047+/-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

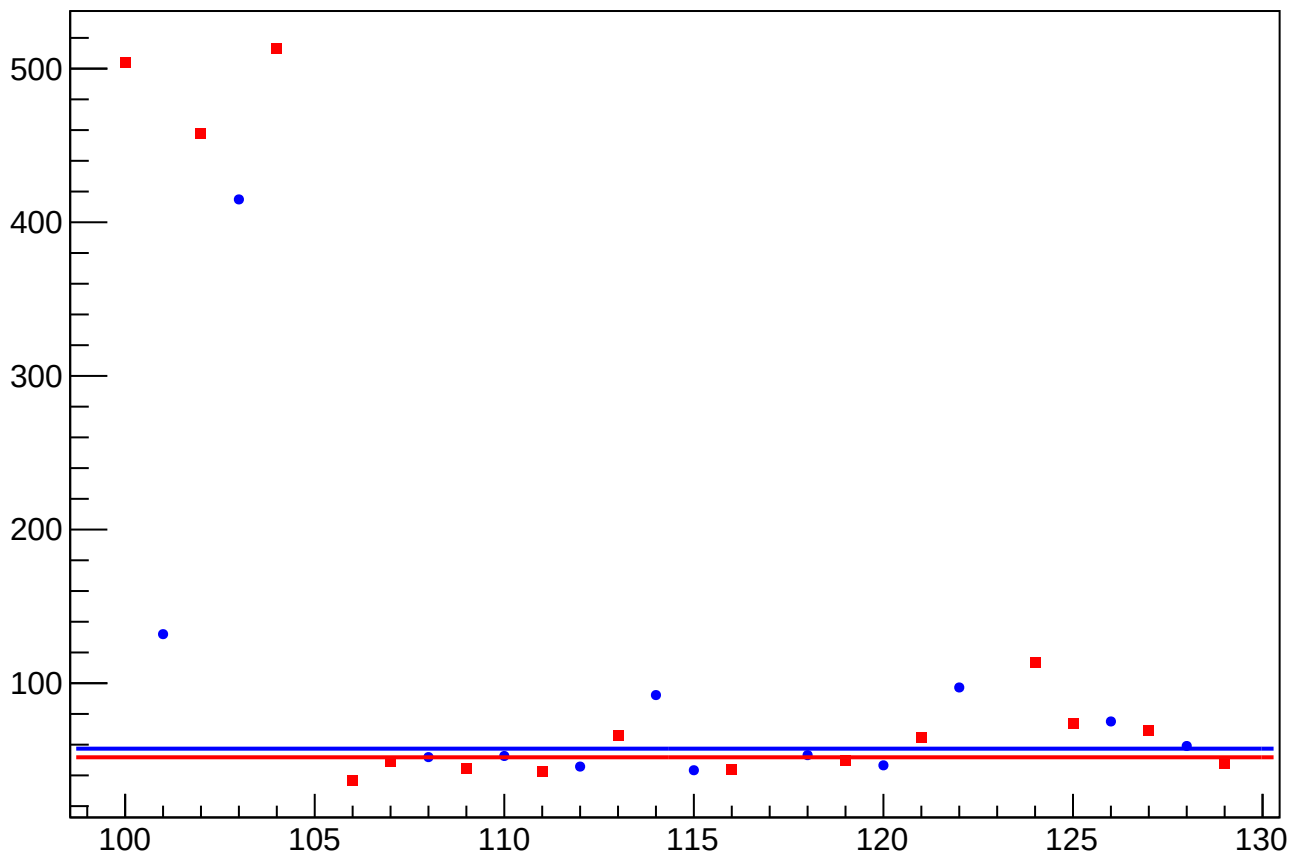
Right: -0.035+/-0.020 χ^2/NDF : 32.4/26

In: -0.018+/-0.030 χ^2/NDF :10.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.035+/-0.020 χ^2/NDF : 32.4/26

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.400+/-0.021 χ^2/NDF : 1510768.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

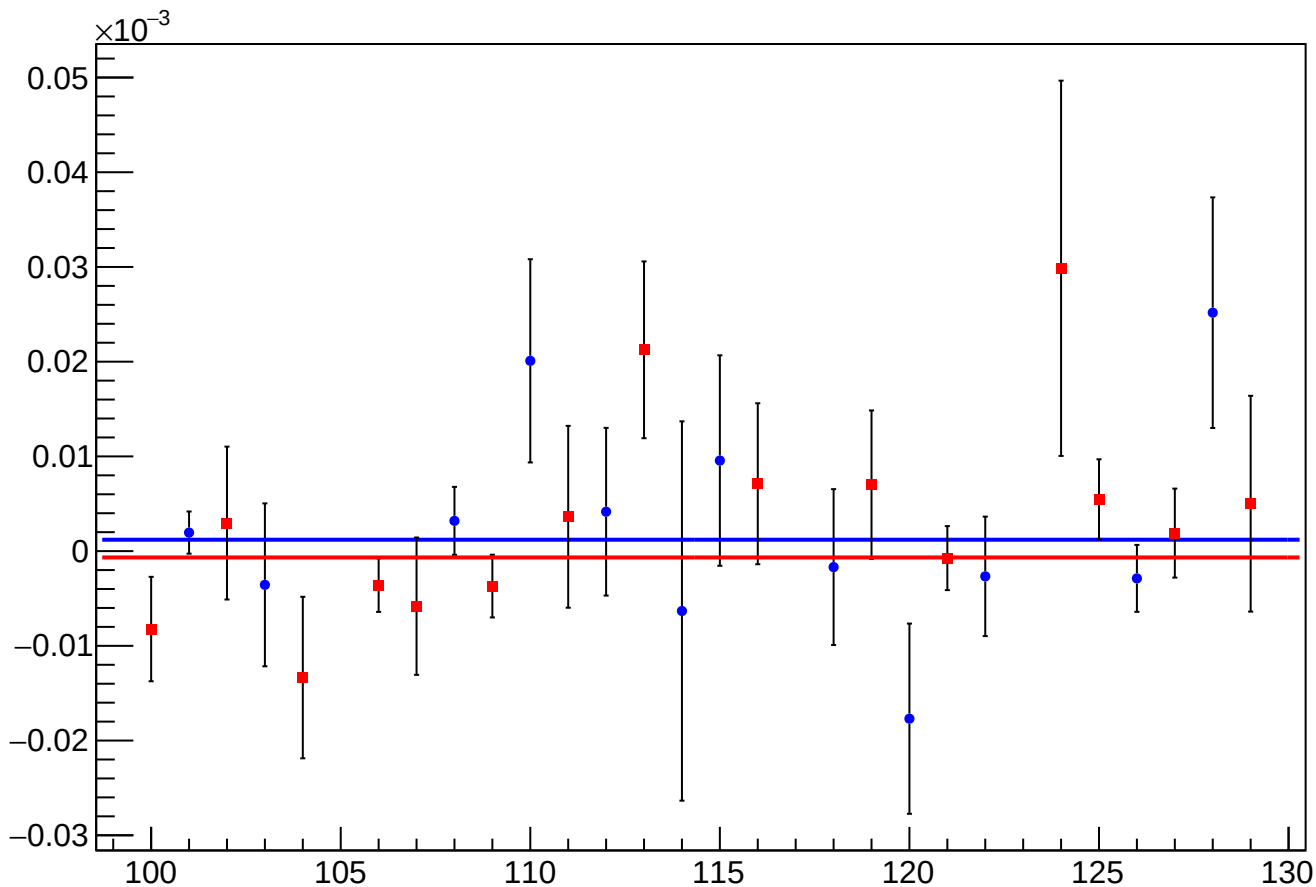
Right: 54.166+/-0.014 χ^2/NDF : 3570662.6/26

In: 57.400+/-0.021 χ^2/NDF : 1510768.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.166+/-0.014 χ^2/NDF : 3570662.6/26

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.9/11

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

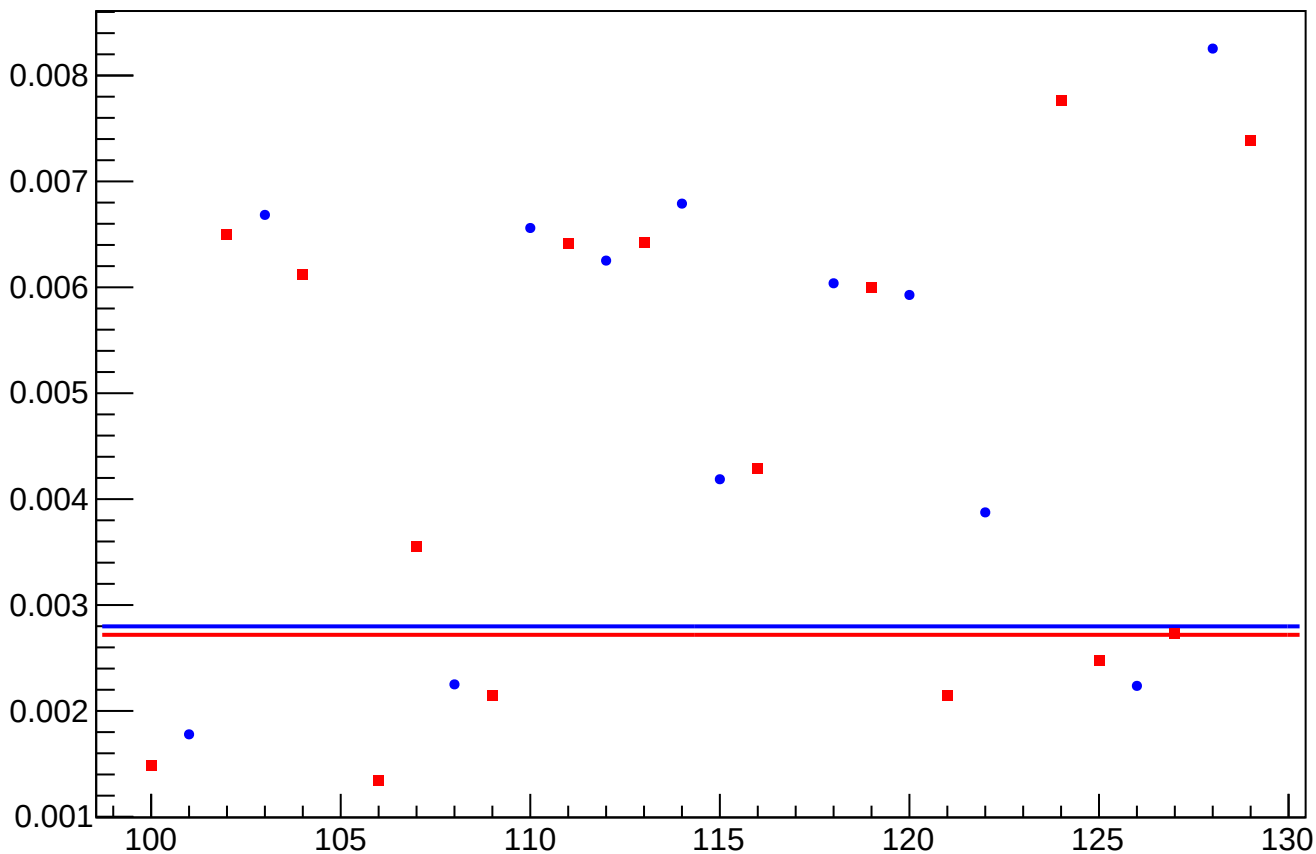
Right: 0.000+/-0.000 χ^2/NDF : 34.0/26

In: 0.000+/-0.000 χ^2/NDF : 13.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 34.0/26

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 2550128.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 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

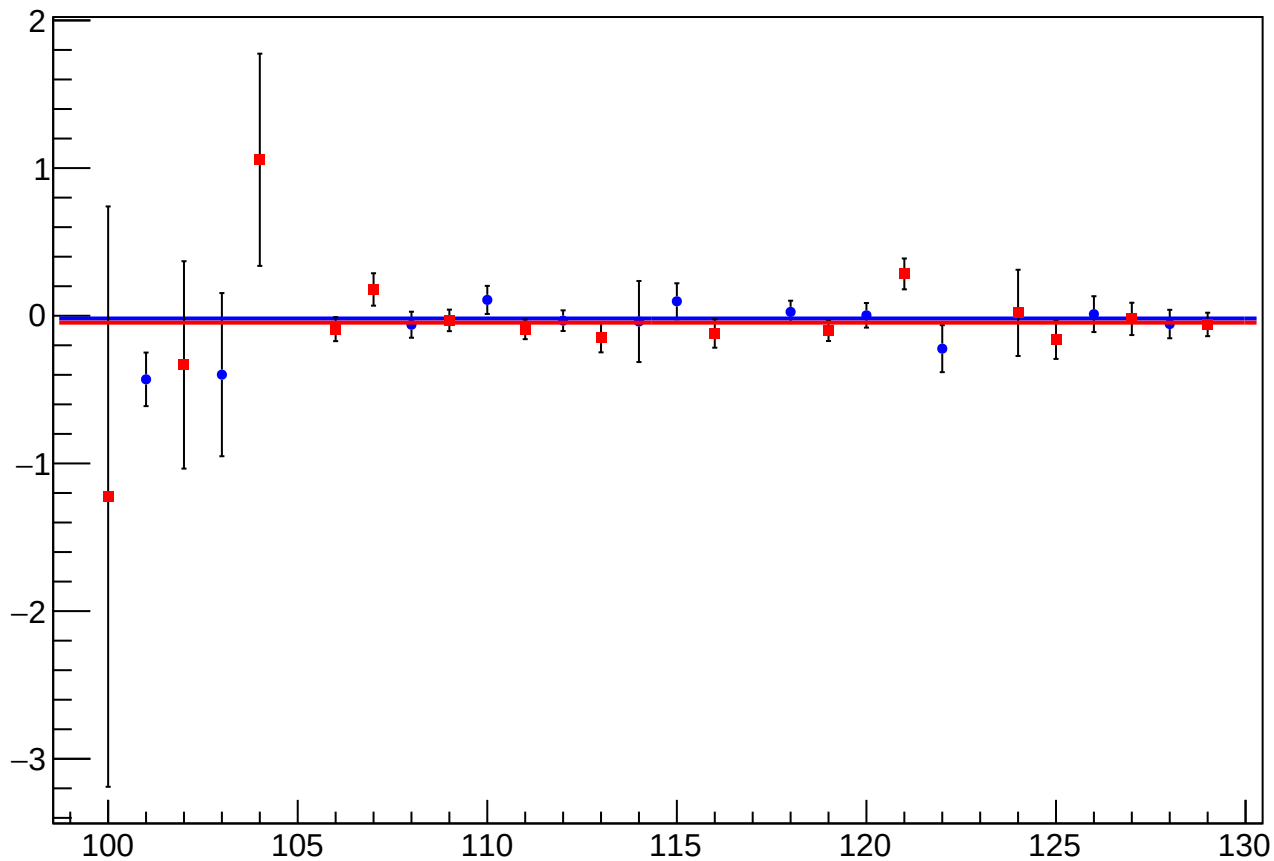
Right: 0.003+/-0.000 χ^2/NDF : 5530658.0/26

In: 0.003+/-0.000 χ^2/NDF :2550128.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 5530658.0/26

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018+/-0.030 χ^2/NDF : 10.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.047+/-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

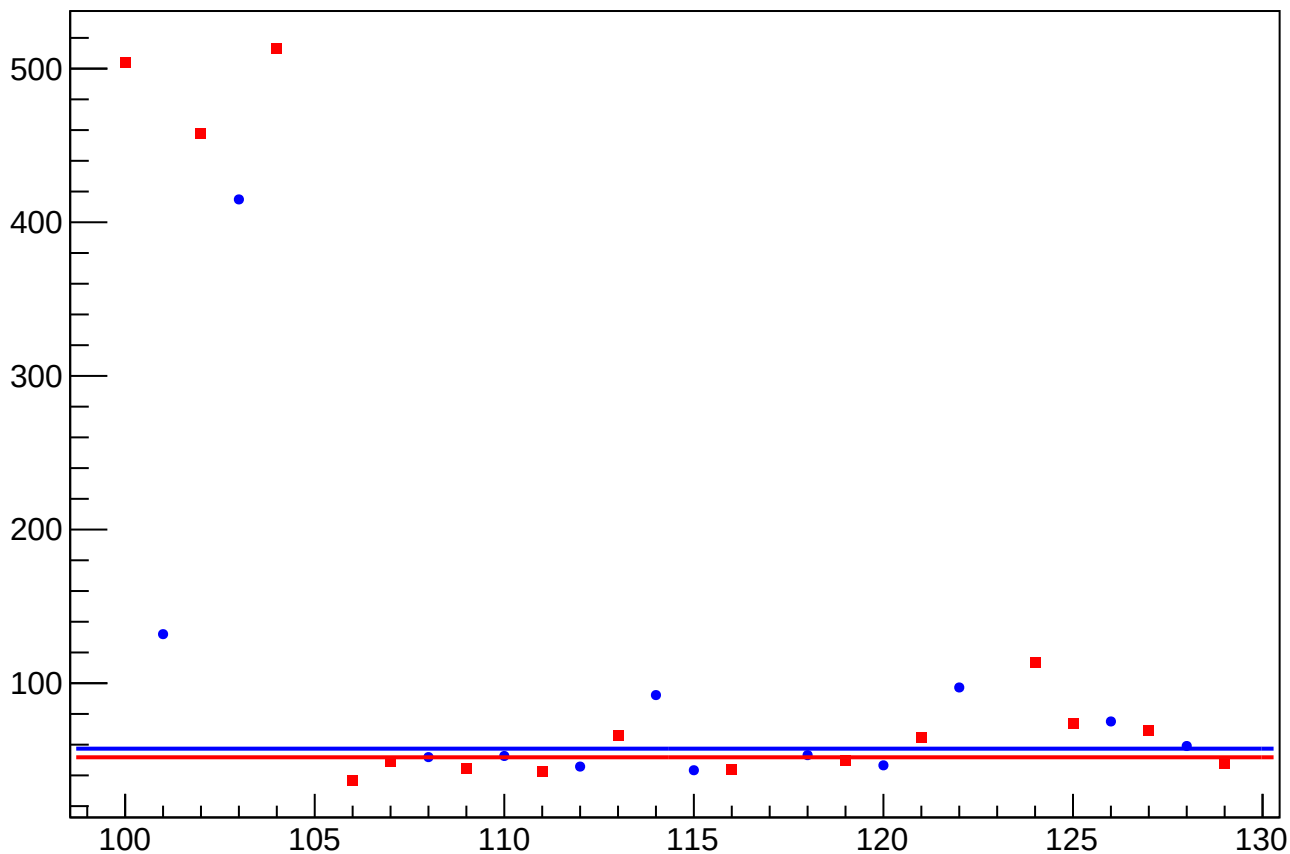
Right: -0.035+/-0.020 χ^2/NDF : 32.4/26

In: -0.018+/-0.030 χ^2/NDF :10.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.035+/-0.020 χ^2/NDF : 32.4/26

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.400+/-0.021 χ^2/NDF : 1510736.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

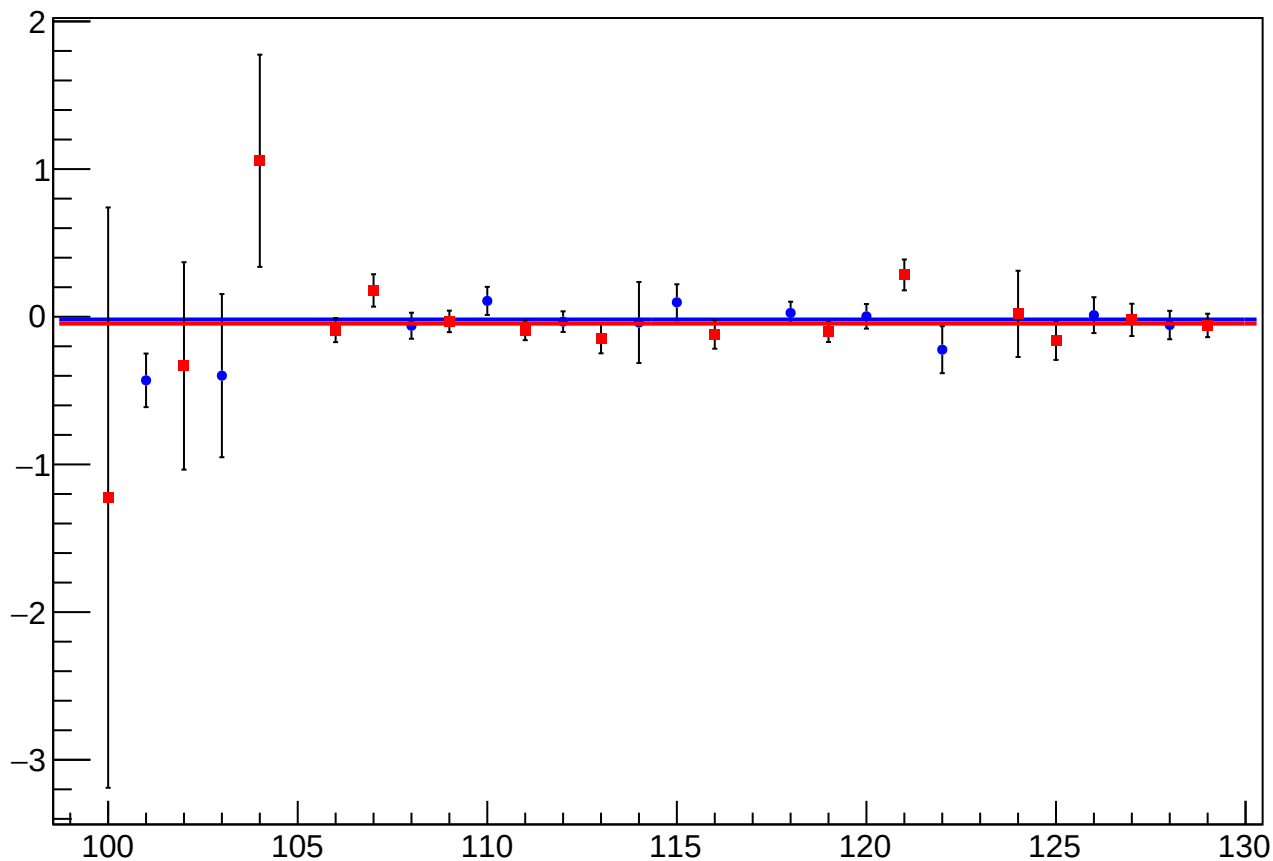
Right: 54.166+/-0.014 χ^2/NDF : 3570595.7/26

In: 57.400+/-0.021 χ^2/NDF : 1510736.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.166+/-0.014 χ^2/NDF : 3570595.7/26

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018 ± 0.030 χ^2/NDF : 10.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.047 ± 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

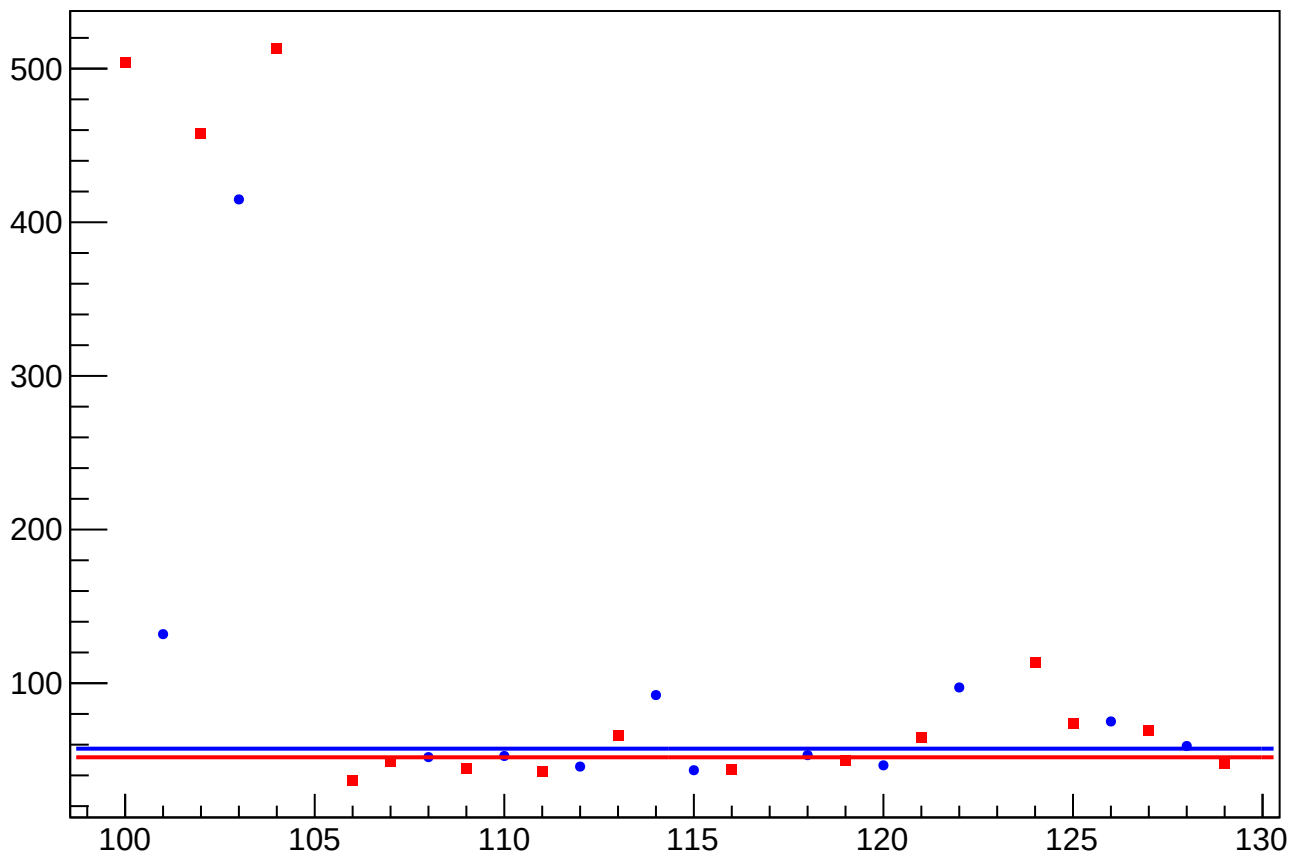
Right: -0.035 ± 0.020 χ^2/NDF : 32.4/26

In: -0.018 ± 0.030 χ^2/NDF : 10.9/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.035 ± 0.020 χ^2/NDF : 32.4/26

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.400+/-0.021 χ^2/NDF : 1510736.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

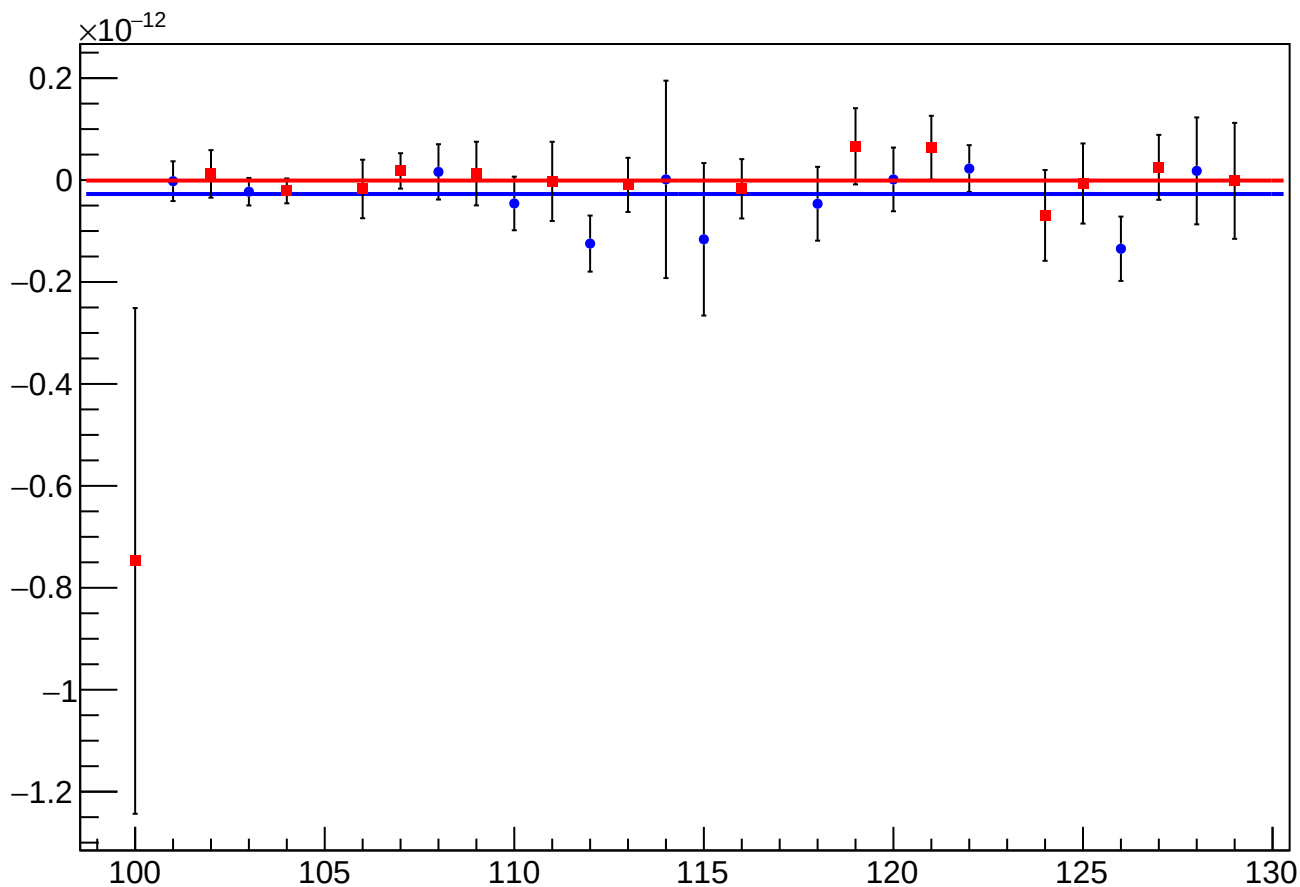
Right: 54.166+/-0.014 χ^2/NDF : 3570595.7/26

In: 57.400+/-0.021 χ^2/NDF :1510736.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 54.166+/-0.014 χ^2/NDF : 3570595.7/26

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

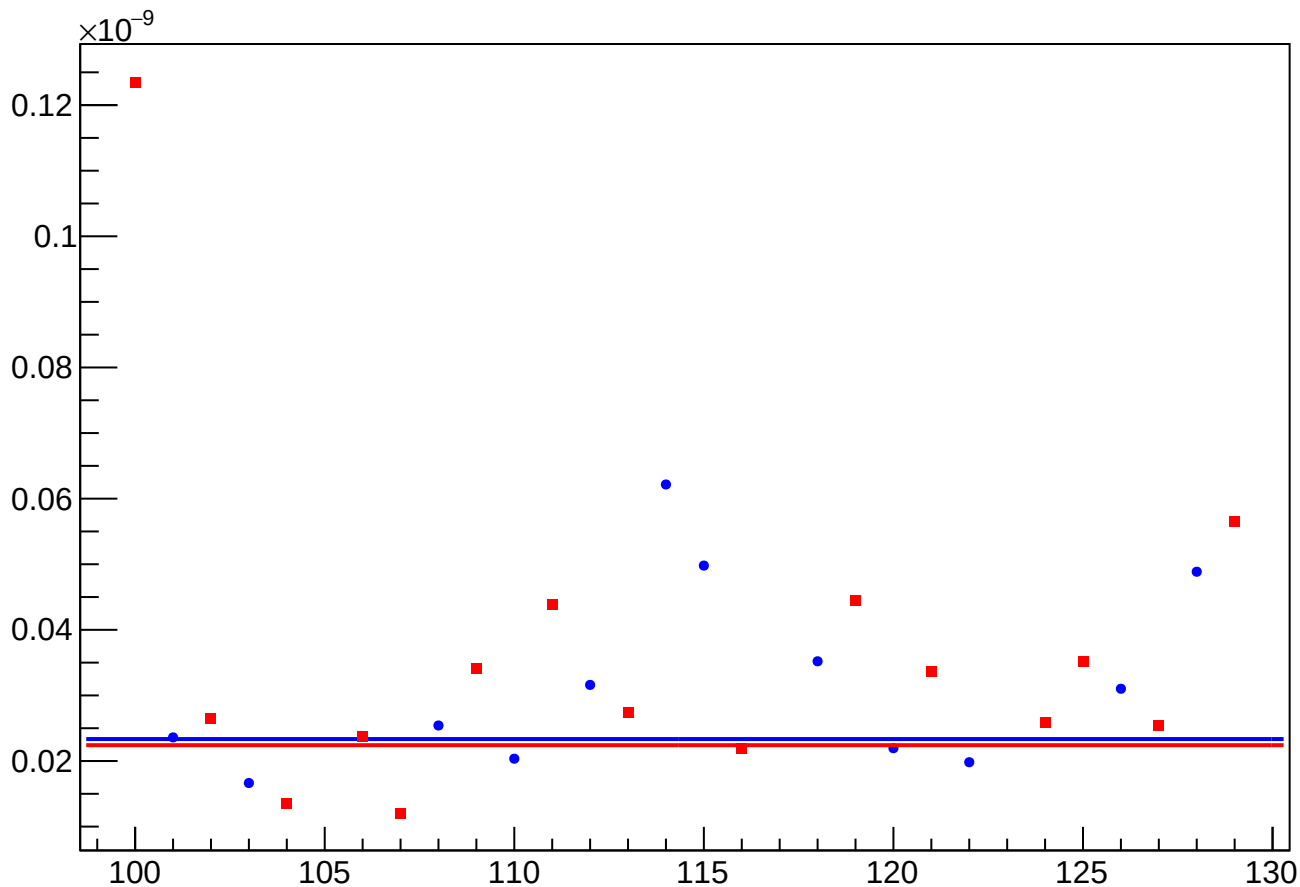
Right: -0.000+/-0.000 χ^2/NDF : 17.1/26

In: -0.000+/-0.000 χ^2/NDF : 9.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.1/26

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 534991.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

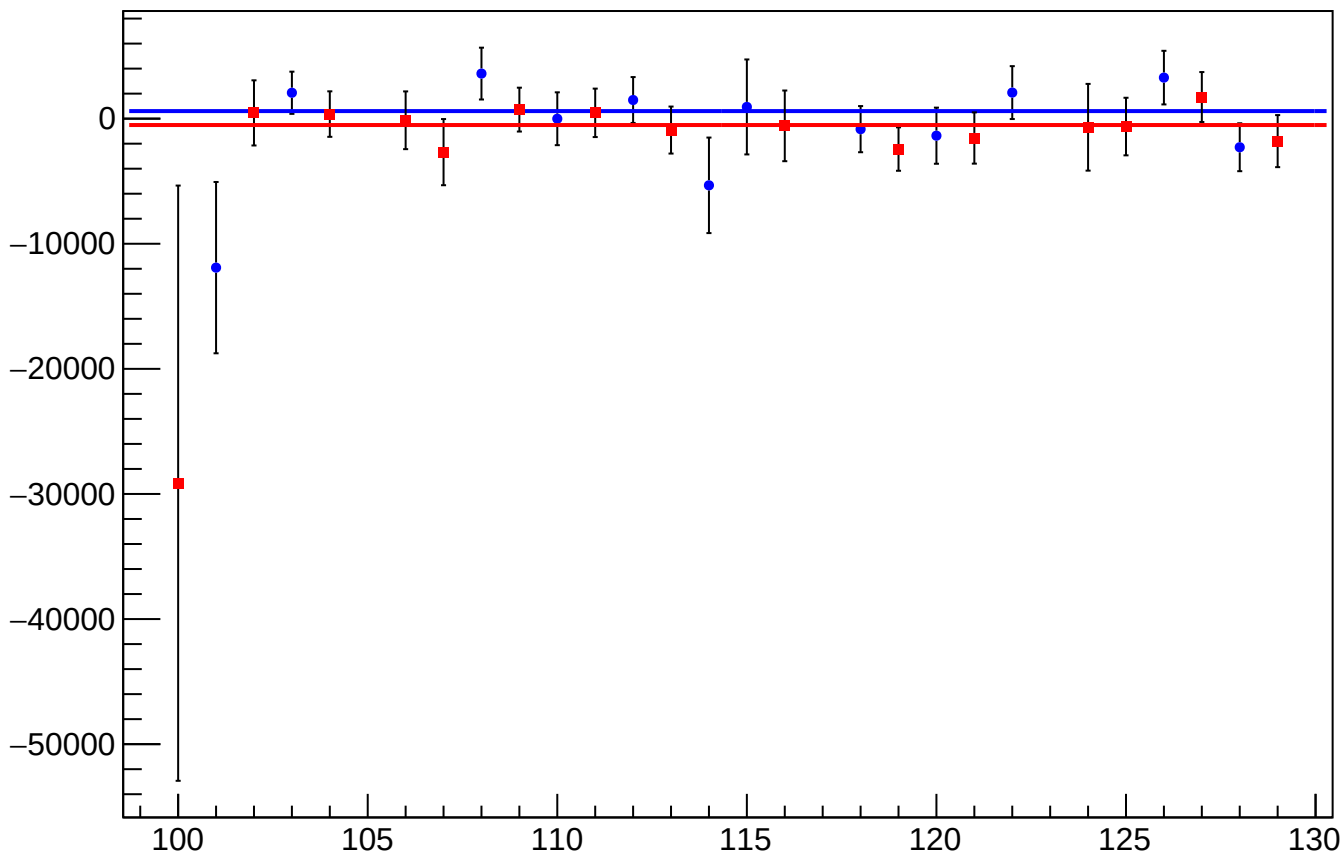
Right: 0.000+/-0.000 χ^2/NDF : 1800421.9/26

In: 0.000+/-0.000 χ^2/NDF : 534991.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1800421.9/26

reg_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 604.271+/-635.884 χ^2/NDF : 14.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

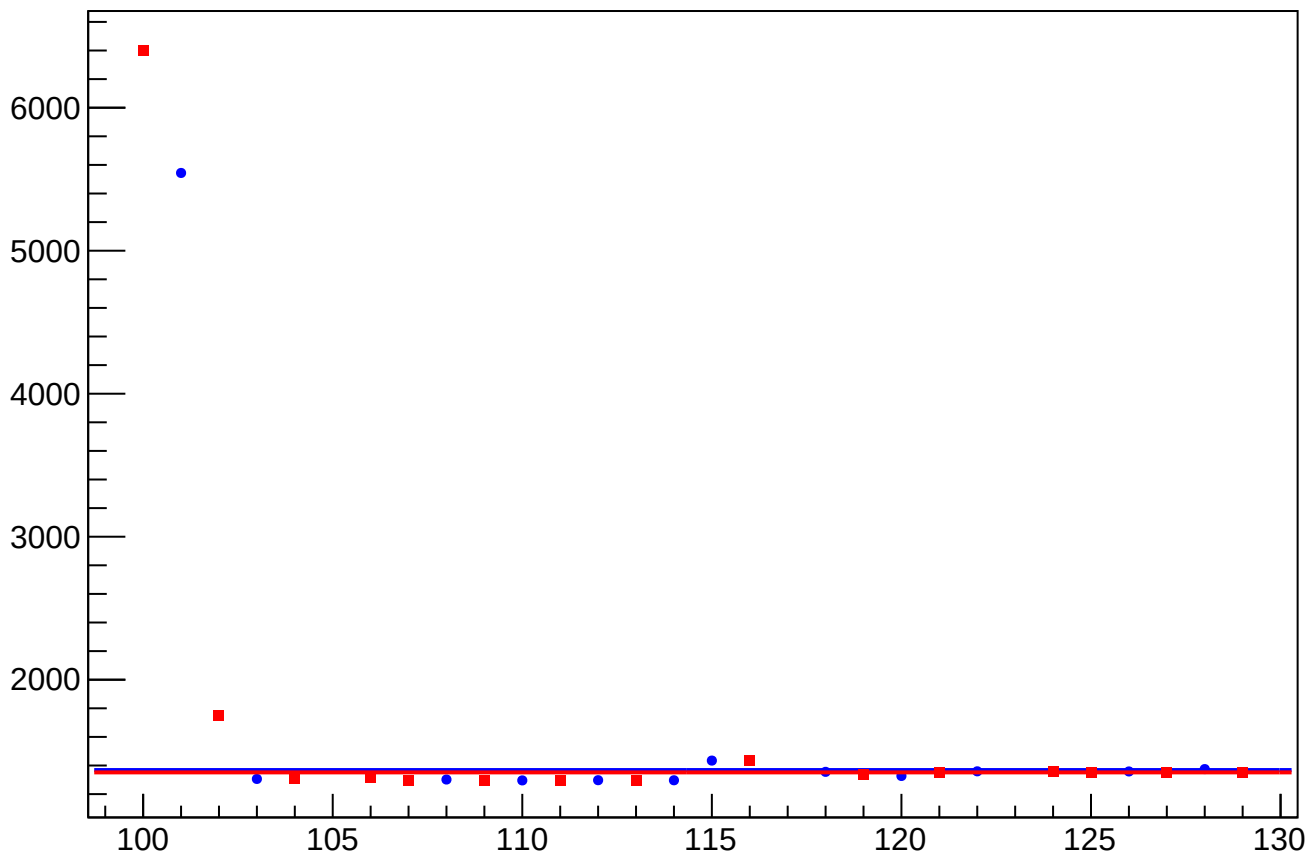
Right: -16.155+/-423.310 χ^2/NDF : 22.8/26

In: 604.271+/-635.884 χ^2/NDF :14.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -16.155+/-423.310 χ^2/NDF : 22.8/26

reg_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1368.256+/-0.450 χ^2/NDF : 756072.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1351.915+/-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

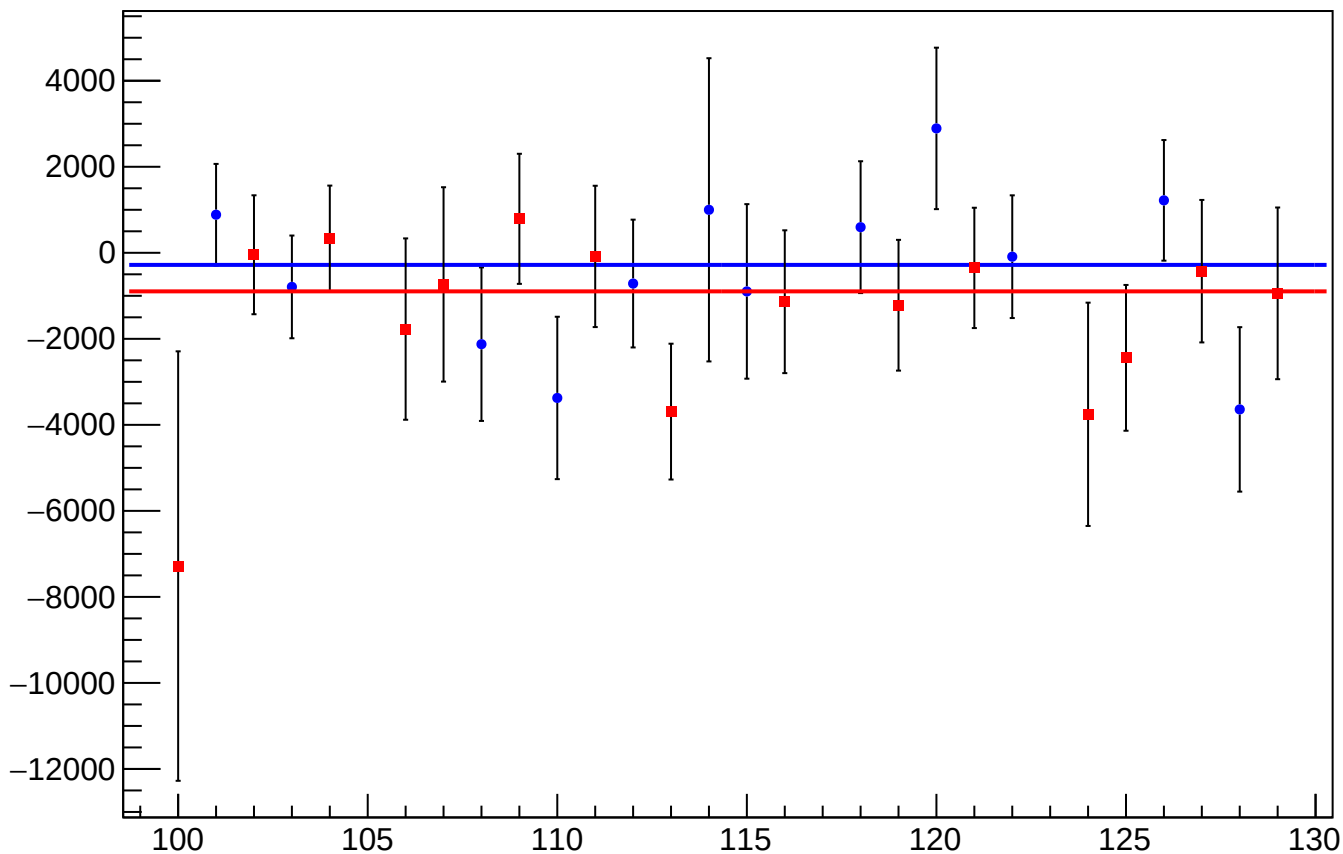
Right: 1359.157+/-0.299 χ^2/NDF : 903299.4/26

In: 1368.256+/-0.450 χ^2/NDF : 756072.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1359.157+/-0.299 χ^2/NDF : 903299.4/26

asym_usr_atr1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -281.127+/-457.732 χ^2/NDF : 12.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

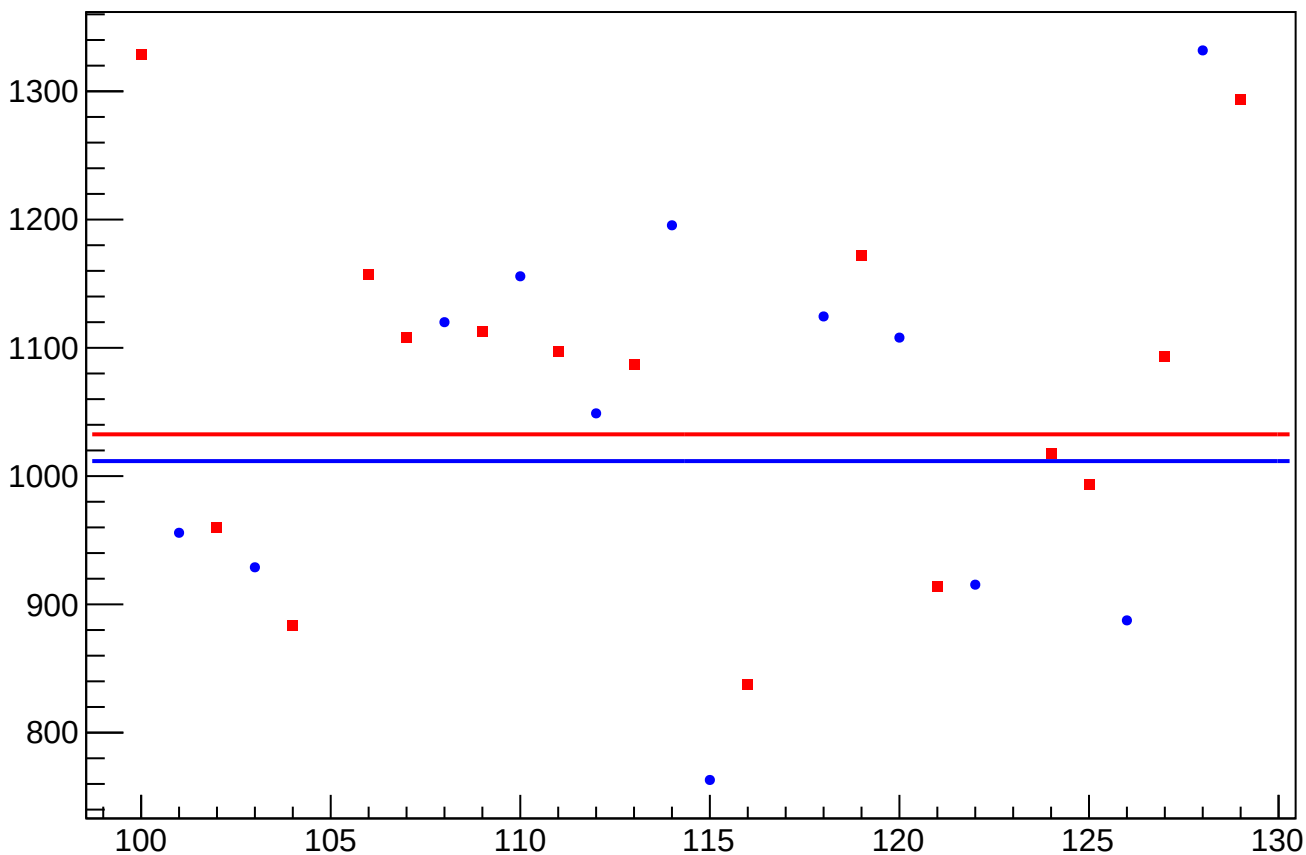
Right: -604.134+/-315.523 χ^2/NDF : 23.8/26

In: -281.127+/-457.732 χ^2/NDF : 12.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -604.134+/-315.523 χ^2/NDF : 23.8/26

asym_usr_atr1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1011.701+/-0.324 χ^2/NDF : 166825.9/11

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

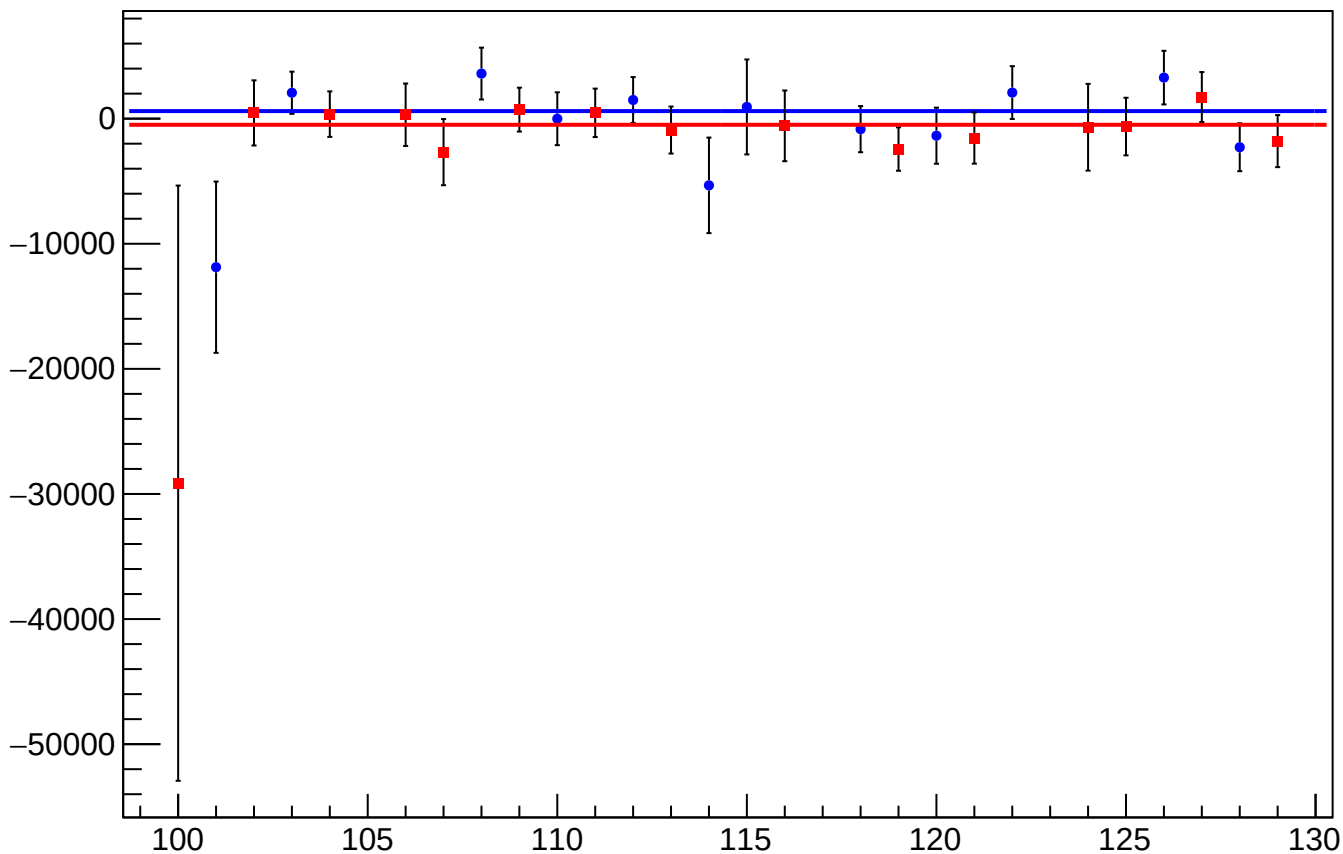
Right: 1022.650+/-0.223 χ^2/NDF : 327896.6/26

In: 1011.701+/-0.324 χ^2/NDF : 166825.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1022.650+/-0.223 χ^2/NDF : 327896.6/26

cor_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 604.627+/-635.884 χ^2/NDF : 14.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

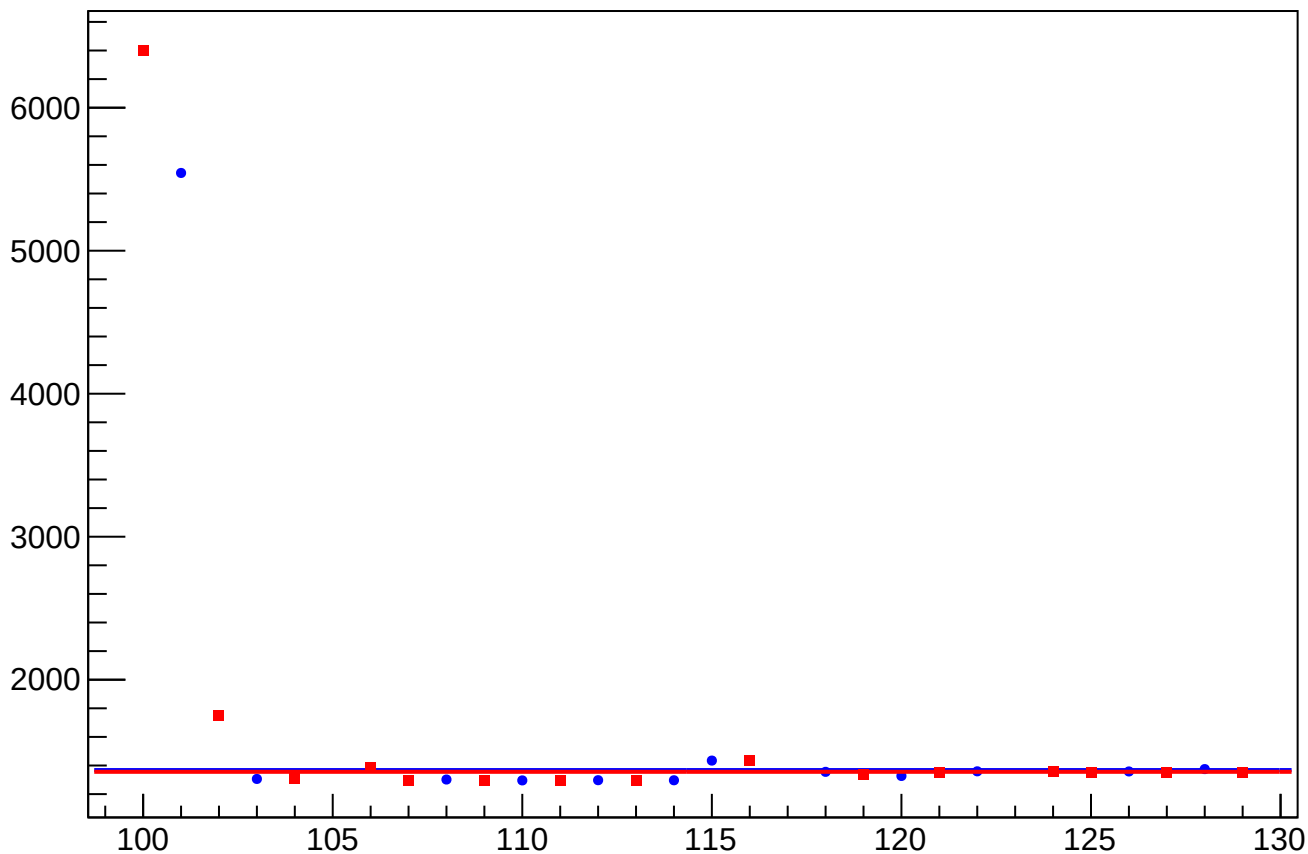
Right: -2.861+/-424.340 χ^2/NDF : 22.8/26

In: 604.627+/-635.884 χ^2/NDF : 14.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.861+/-424.340 χ^2/NDF : 22.8/26

cor_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1368.256+/-0.450 χ^2/NDF : 756071.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

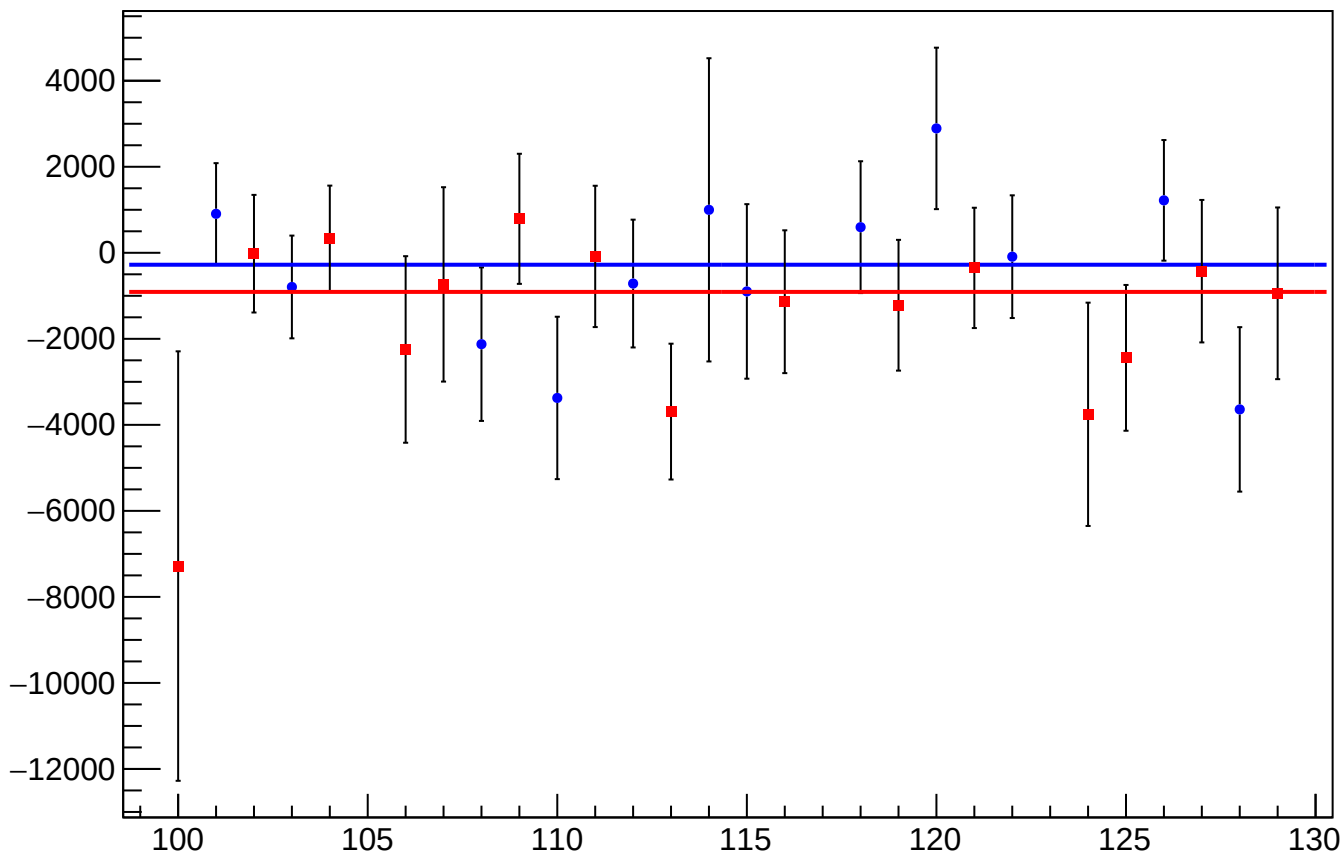
Right: 1361.421+/-0.300 χ^2/NDF : 902872.2/26

In: 1368.256+/-0.450 χ^2/NDF : 756071.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1361.421+/-0.300 χ^2/NDF : 902872.2/26

asym_usr_atr1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -277.485+/-457.591 χ^2/NDF : 12.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

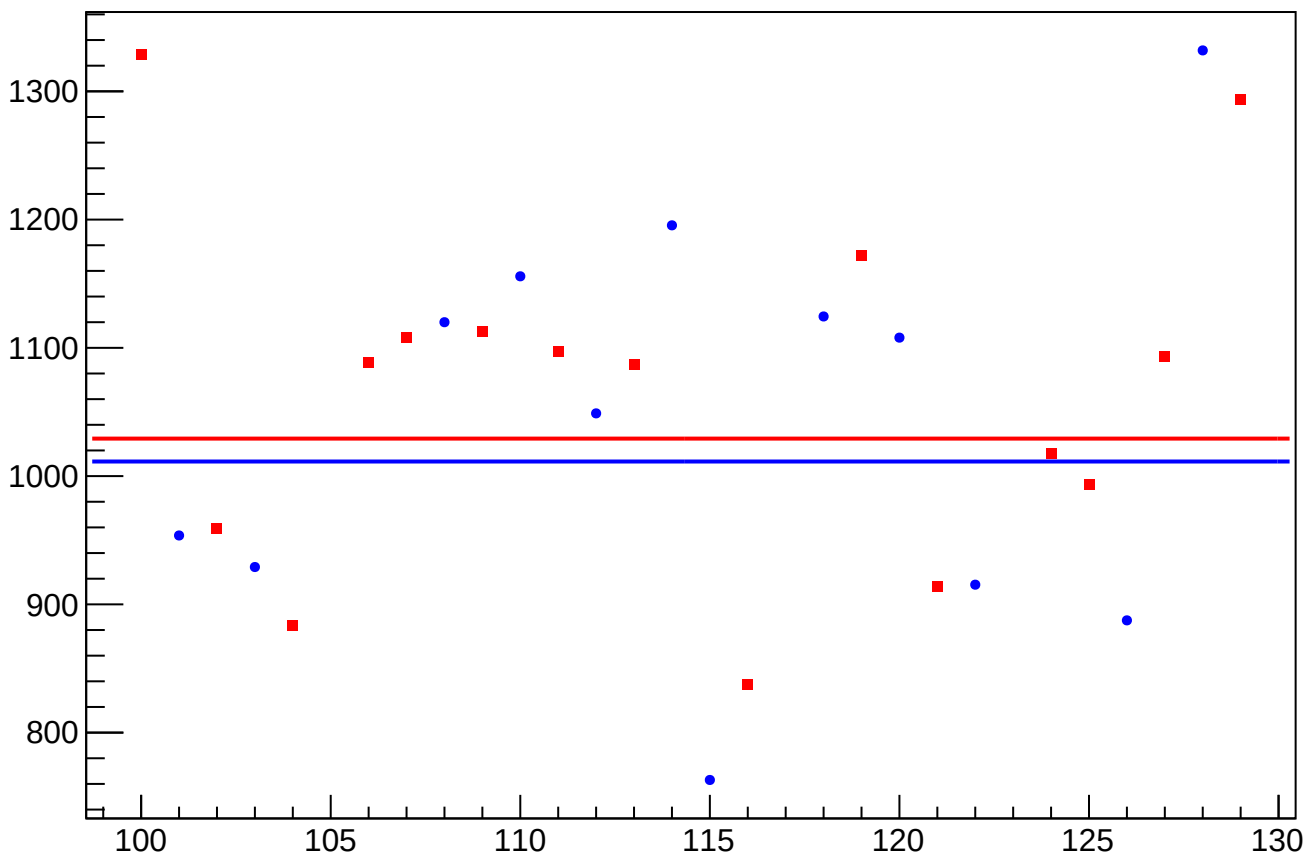
Right: -608.927+/-315.482 χ^2/NDF : 24.1/26

In: -277.485+/-457.591 χ^2/NDF : 12.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -608.927+/-315.482 χ^2/NDF : 24.1/26

asym_usr_atr1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1011.379+/-0.324 χ^2/NDF : 167152.3/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

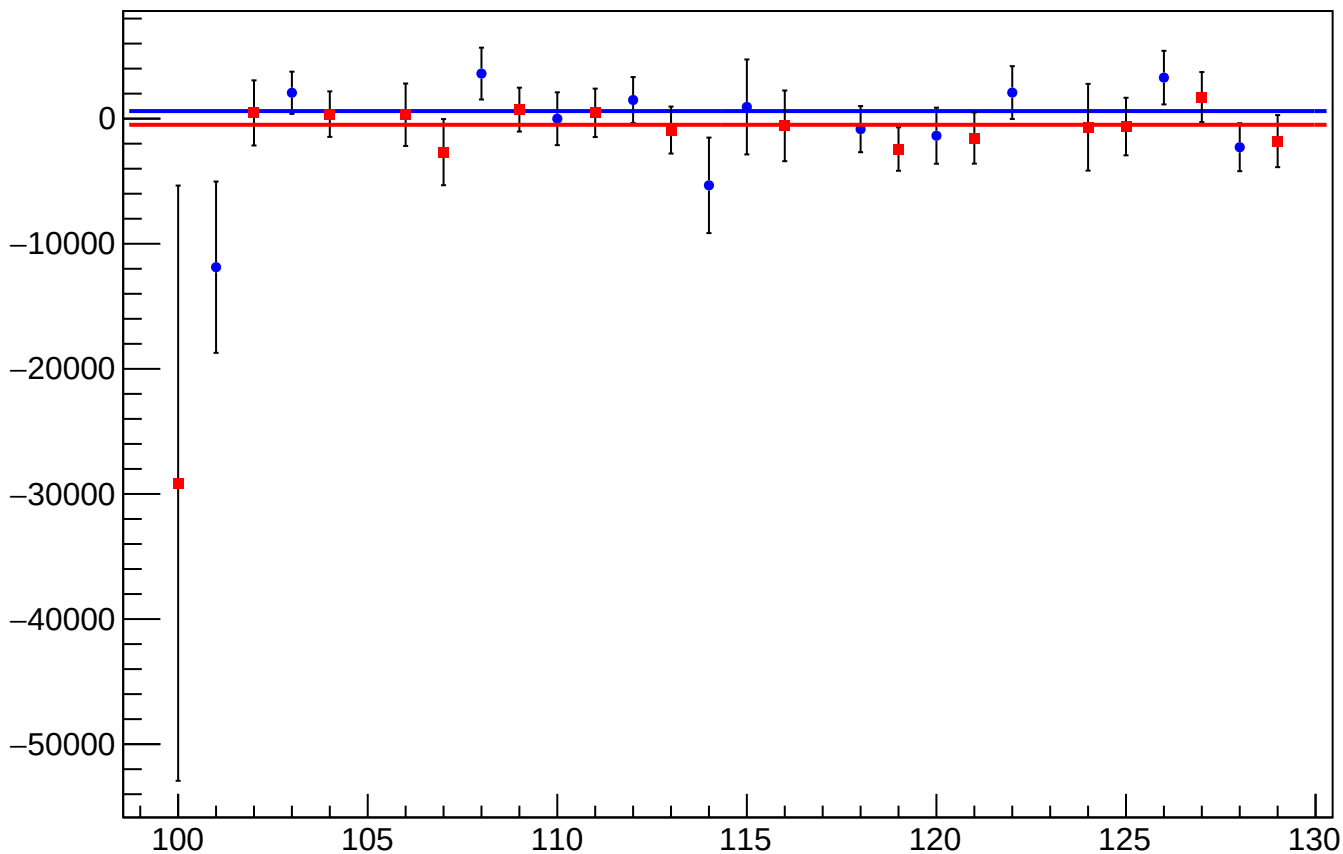
Right: 1020.752+/-0.223 χ^2/NDF : 322168.7/26

In: 1011.379+/-0.324 χ^2/NDF :167152.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1020.752+/-0.223 χ^2/NDF : 322168.7/26

eigen_cor_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 604.627+/-635.884 χ^2/NDF : 14.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

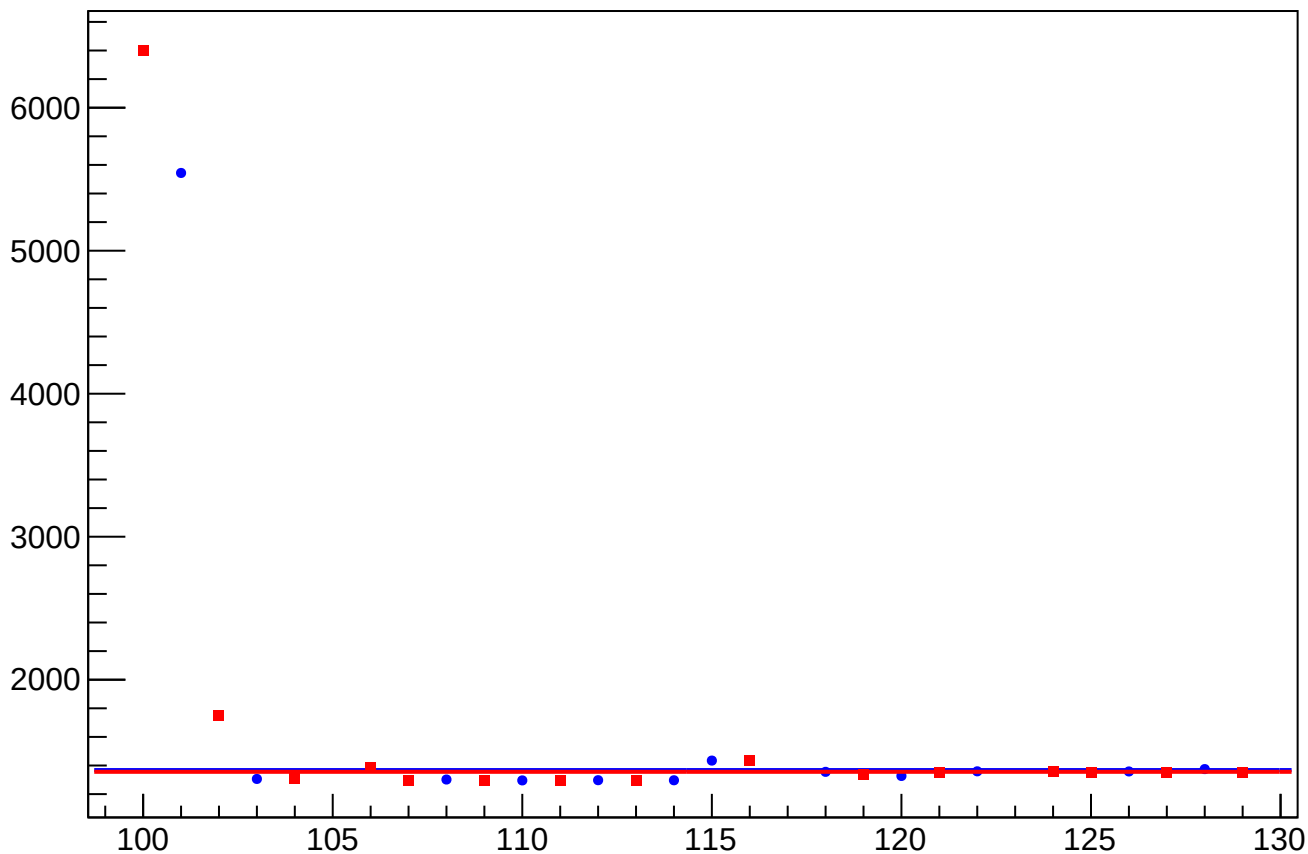
Right: -2.861+/-424.340 χ^2/NDF : 22.8/26

In: 604.627+/-635.884 χ^2/NDF : 14.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.861+/-424.340 χ^2/NDF : 22.8/26

eigen_cor_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1368.256+/-0.450 χ^2/NDF : 756071.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

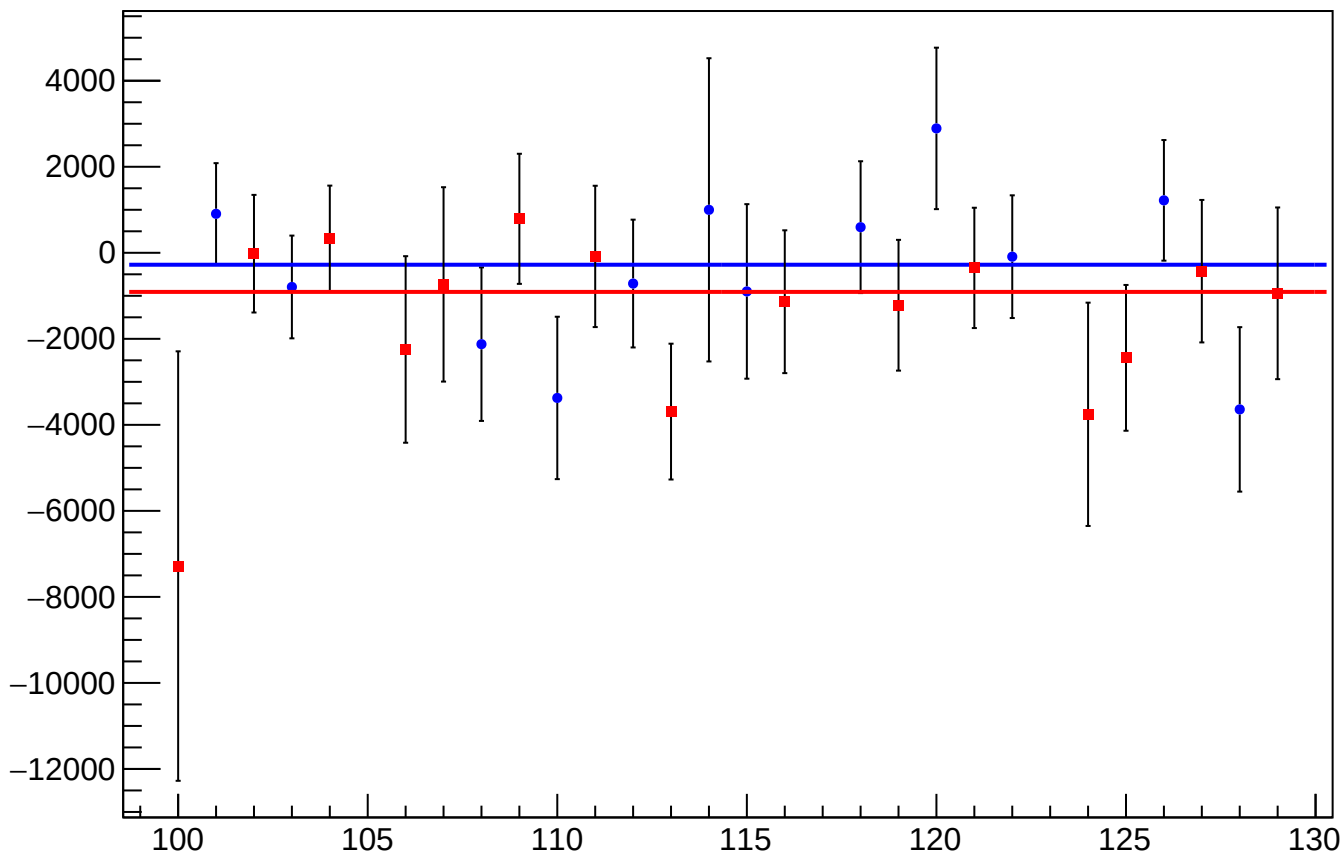
Right: 1361.421+/-0.300 χ^2/NDF : 902872.2/26

In: 1368.256+/-0.450 χ^2/NDF : 756071.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1361.421+/-0.300 χ^2/NDF : 902872.2/26

asym_usr_atr1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -277.485+/-457.591 χ^2/NDF : 12.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

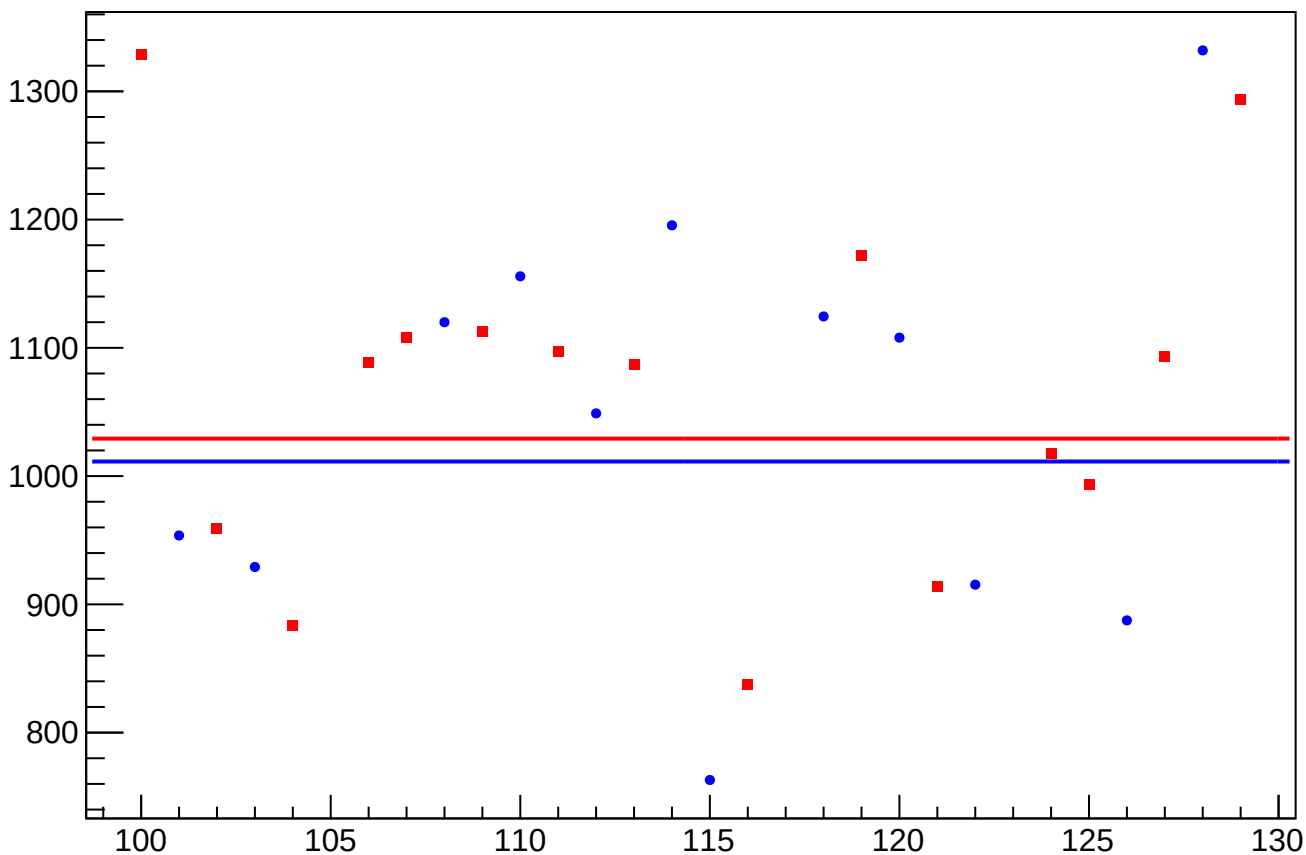
Right: -608.927+/-315.482 χ^2/NDF : 24.1/26

In: -277.485+/-457.591 χ^2/NDF : 12.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -608.927+/-315.482 χ^2/NDF : 24.1/26

asym_usr_atr1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1011.379+/-0.324 χ^2/NDF : 167152.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

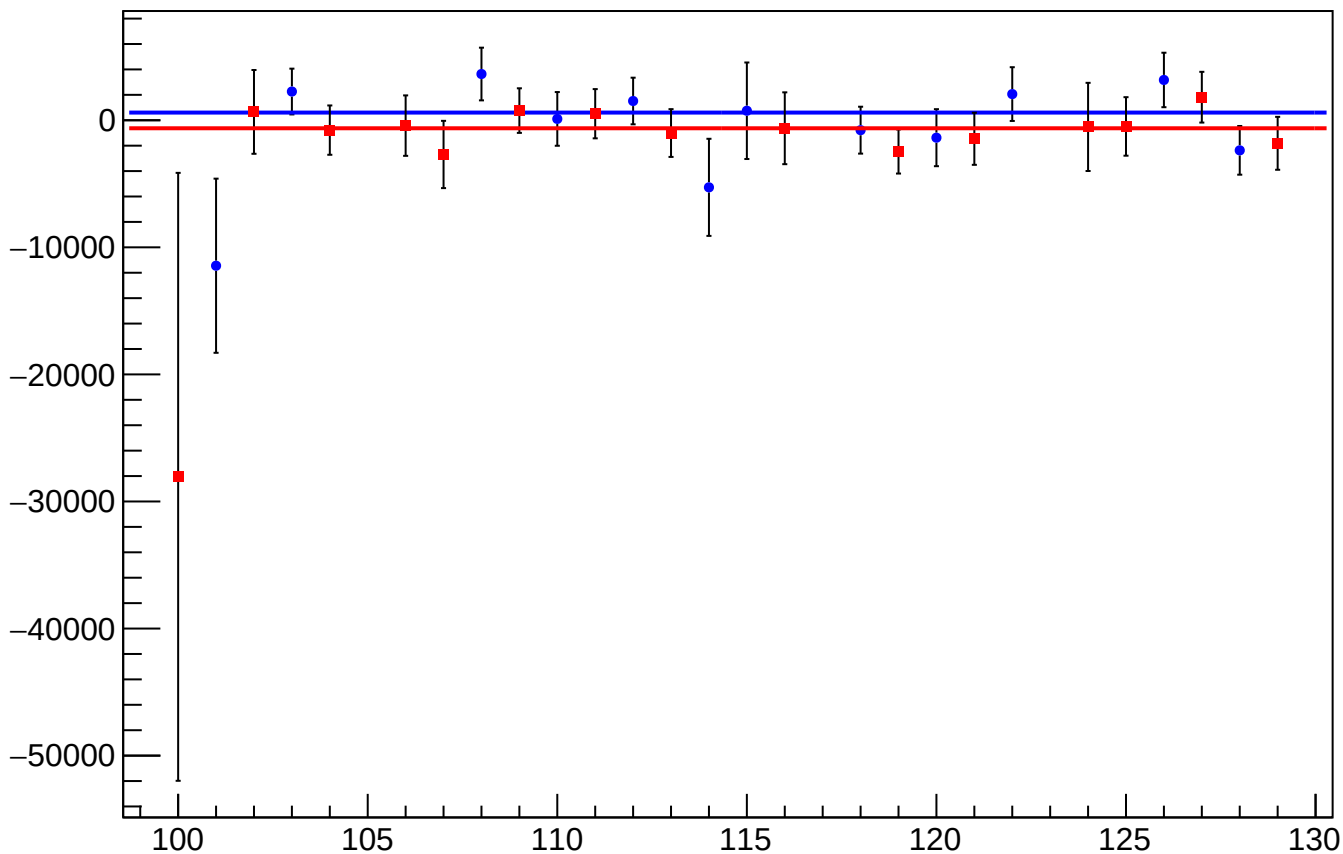
Right: 1020.752+/-0.223 χ^2/NDF : 322168.7/26

In: 1011.379+/-0.324 χ^2/NDF : 167152.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1020.752+/-0.223 χ^2/NDF : 322168.7/26

dit_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 604.312+/-641.911 χ^2/NDF : 14.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

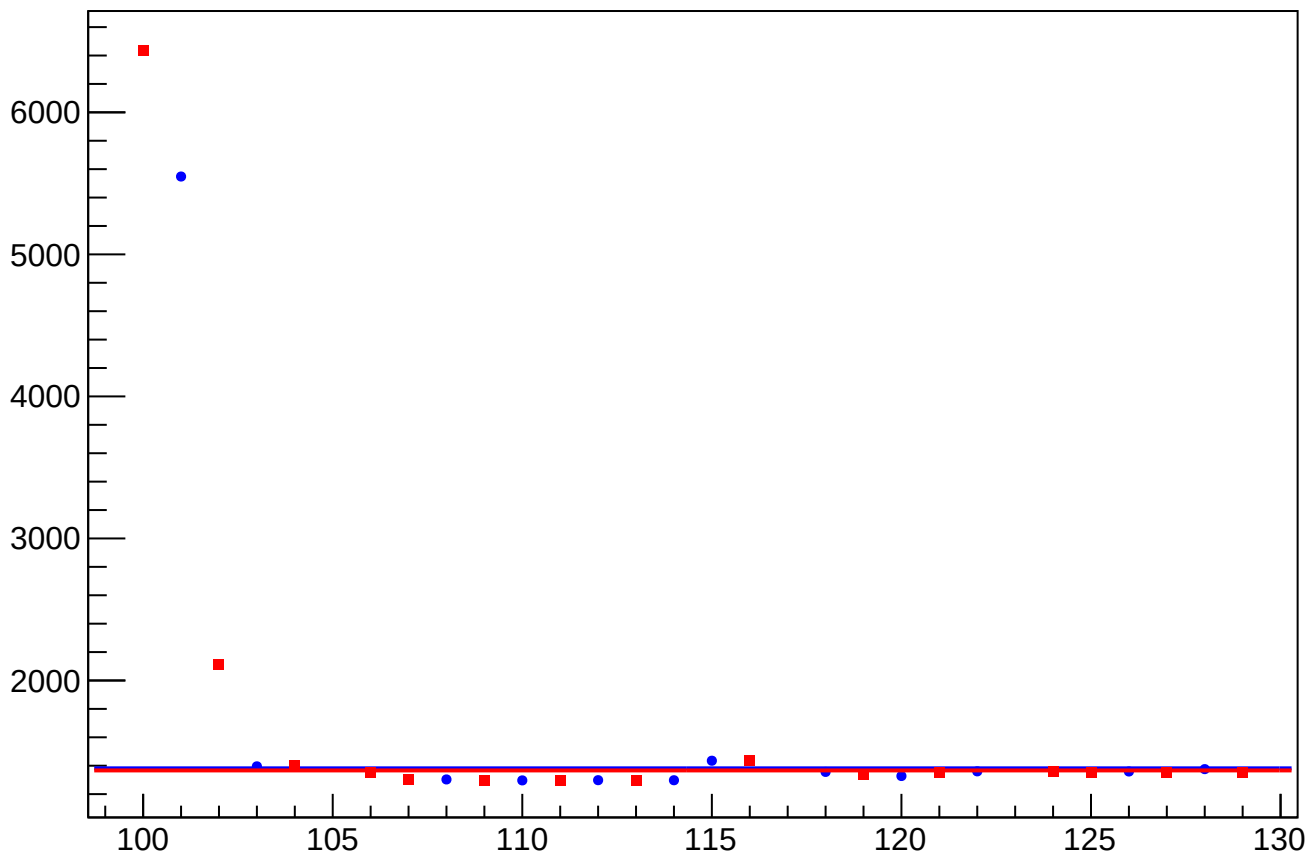
Right: -78.750+/-429.223 χ^2/NDF : 22.7/26

In: 604.312+/-641.911 χ^2/NDF : 14.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -78.750+/-429.223 χ^2/NDF : 22.7/26

dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1381.462+/-0.454 χ^2/NDF : 753103.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

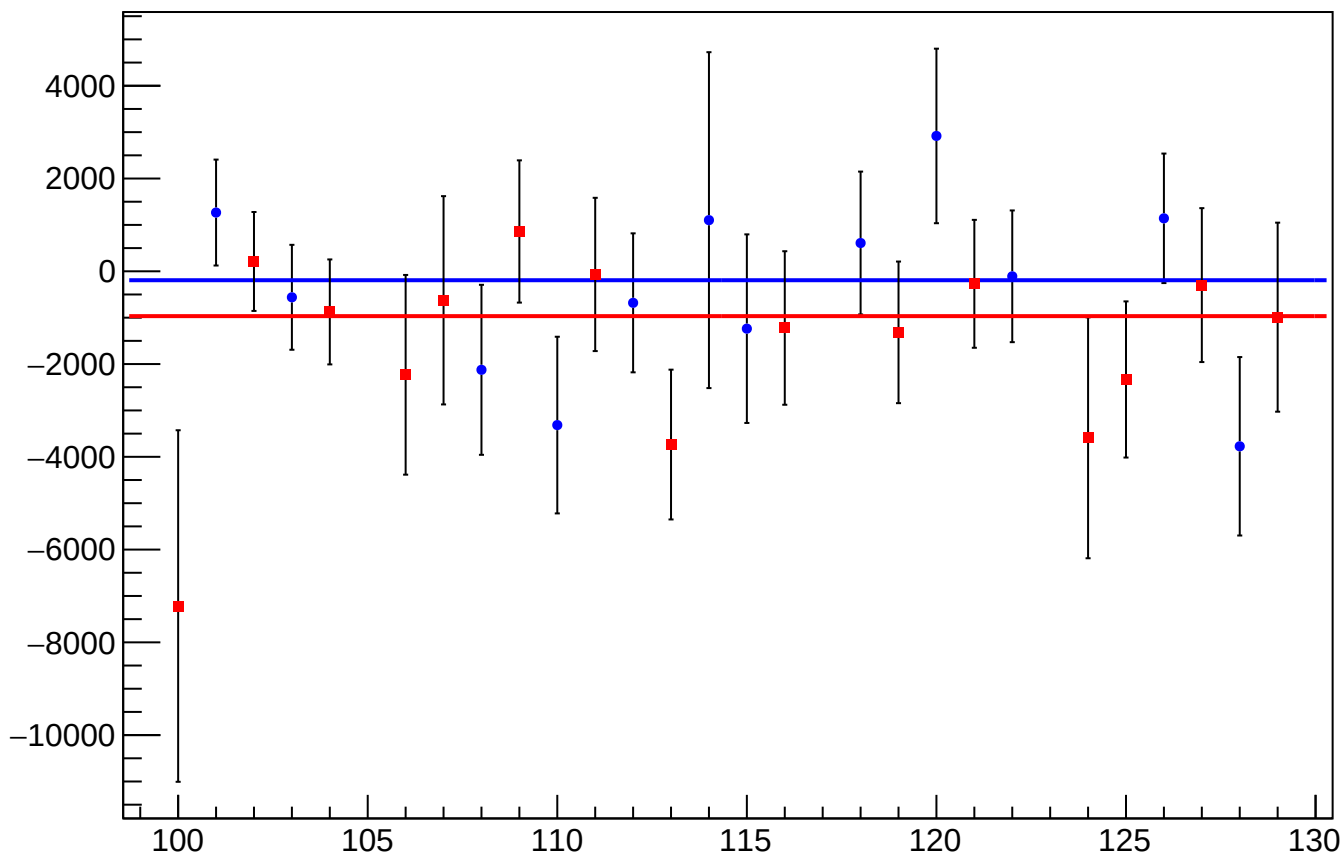
Right: 1373.400+/-0.304 χ^2/NDF : 957480.8/26

In: 1381.462+/-0.454 χ^2/NDF : 753103.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1373.400+/-0.304 χ^2/NDF : 957480.8/26

asym_usr_atr1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -192.538+/-453.181 χ^2/NDF : 13.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

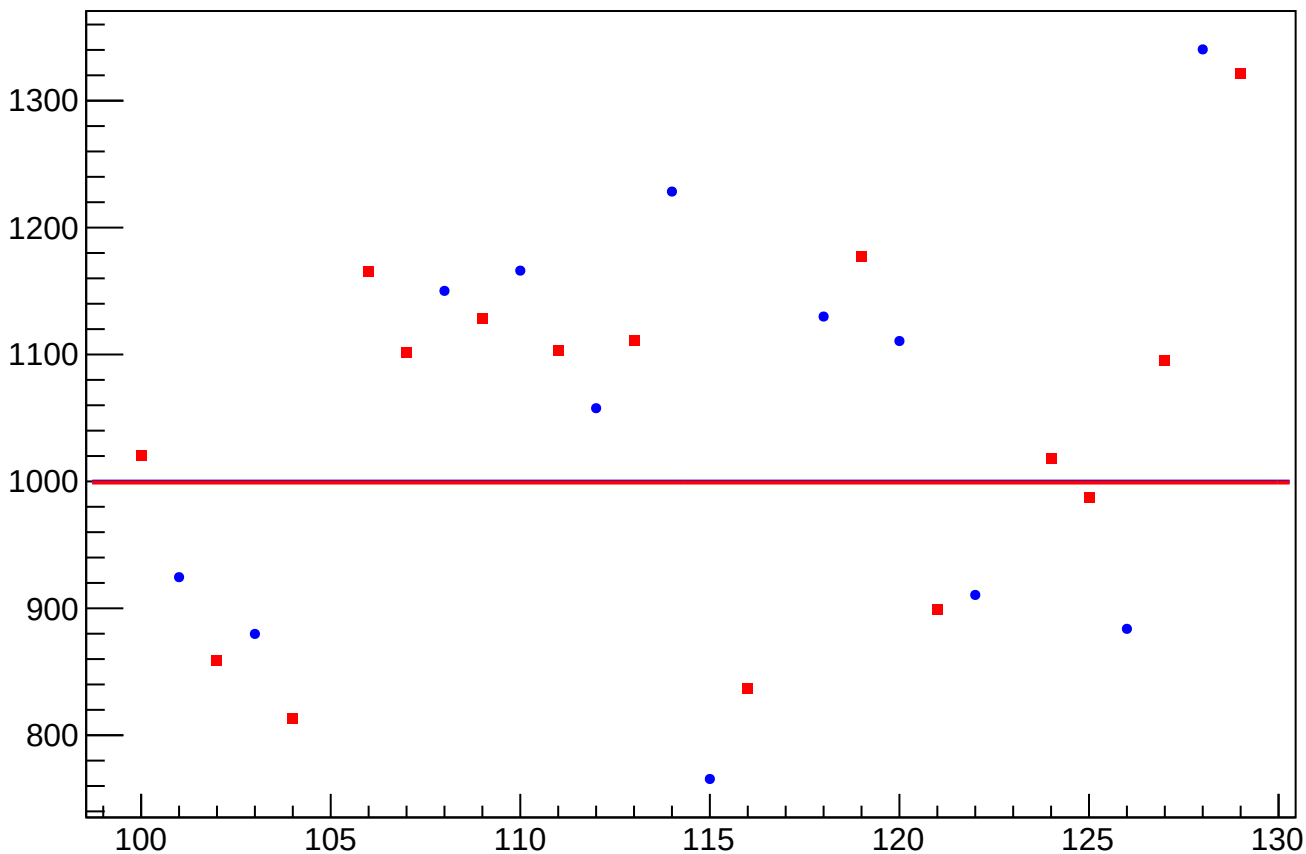
Right: -611.529+/-306.952 χ^2/NDF : 26.1/26

In: -192.538+/-453.181 χ^2/NDF : 13.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -611.529+/-306.952 χ^2/NDF : 26.1/26

asym_usr_atr1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 999.823+/-0.320 χ^2/NDF : 203026.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

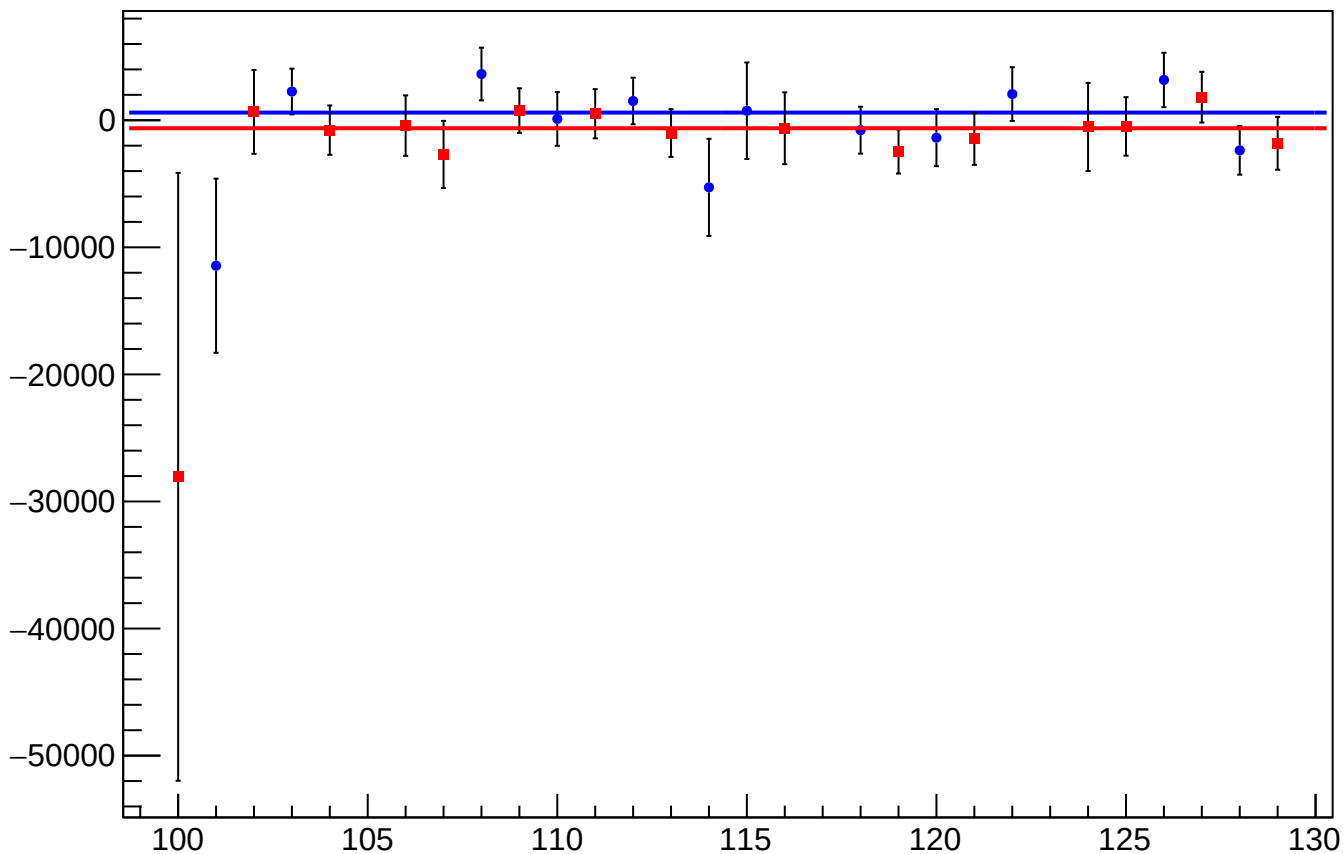
Right: 999.441+/-0.217 χ^2/NDF : 453467.2/26

In: 999.823+/-0.320 χ^2/NDF : 203026.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 999.441+/-0.217 χ^2/NDF : 453467.2/26

eigen_dit_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 604.315+/-641.911 χ^2/NDF : 14.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

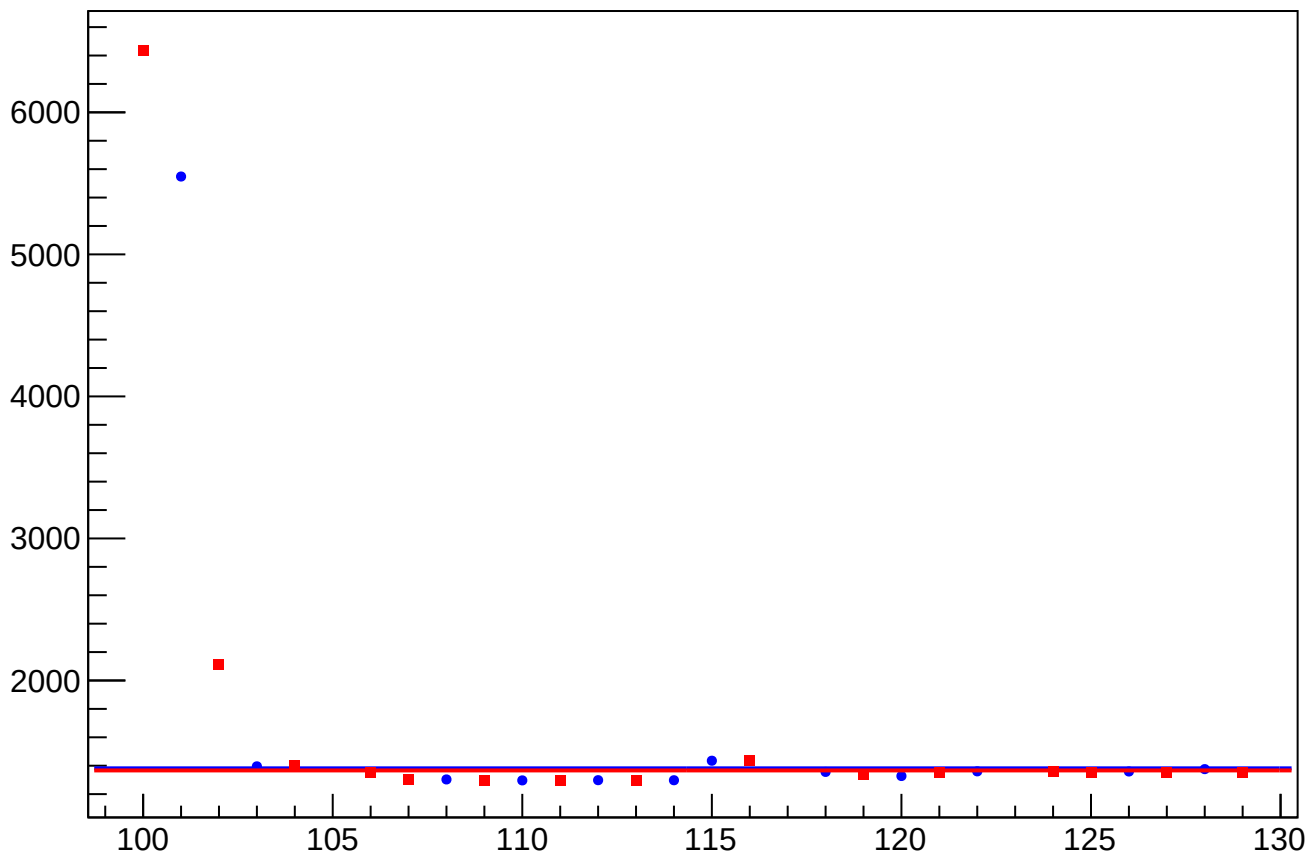
Right: -78.747+/-429.223 χ^2/NDF : 22.7/26

In: 604.315+/-641.911 χ^2/NDF : 14.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -78.747+/-429.223 χ^2/NDF : 22.7/26

eigen_dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1381.462+/-0.454 χ^2/NDF : 753103.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

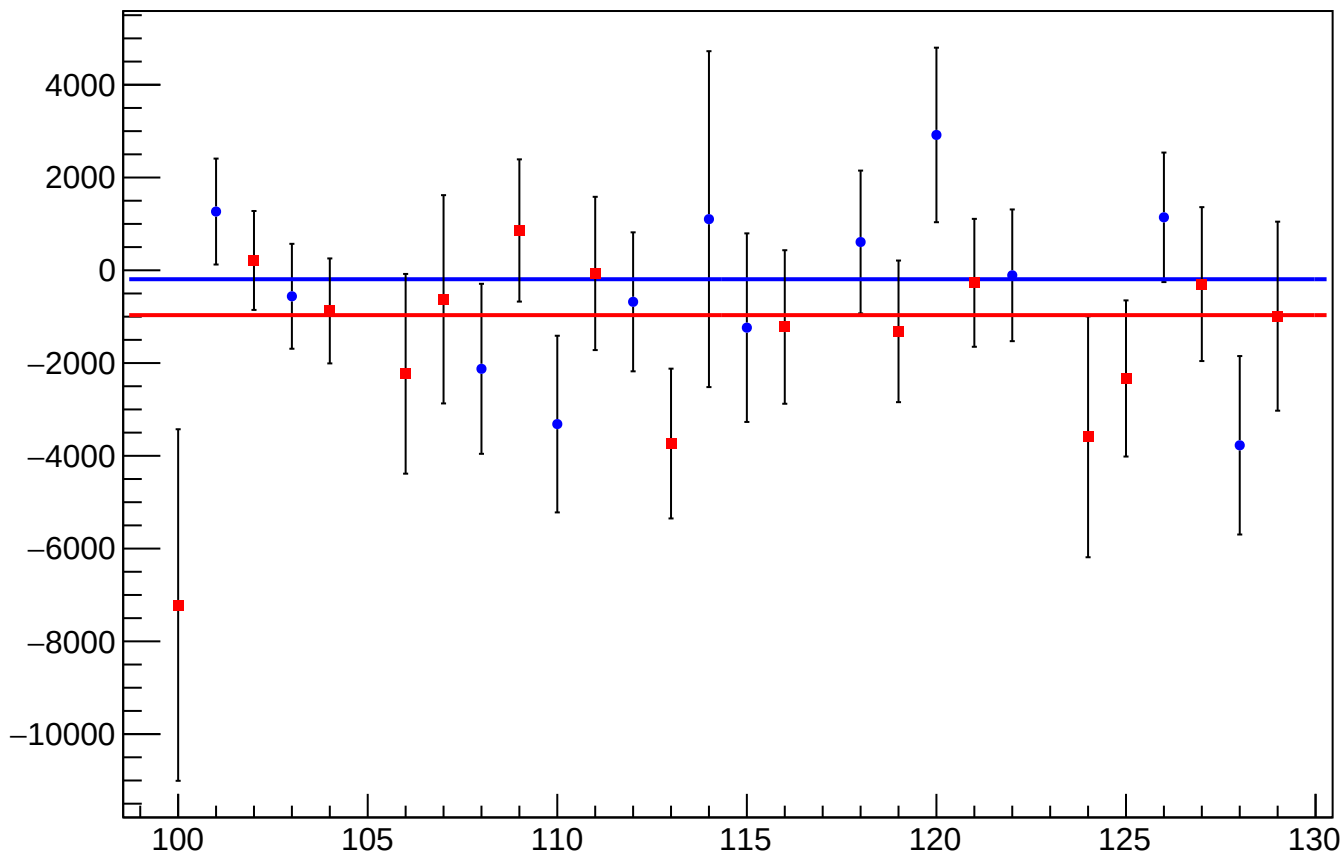
Right: 1373.400+/-0.304 χ^2/NDF : 957480.8/26

In: 1381.462+/-0.454 χ^2/NDF : 753103.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1373.400+/-0.304 χ^2/NDF : 957480.8/26

asym_usr_atr1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -192.538+/-453.180 χ^2/NDF : 13.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -966.690+/-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

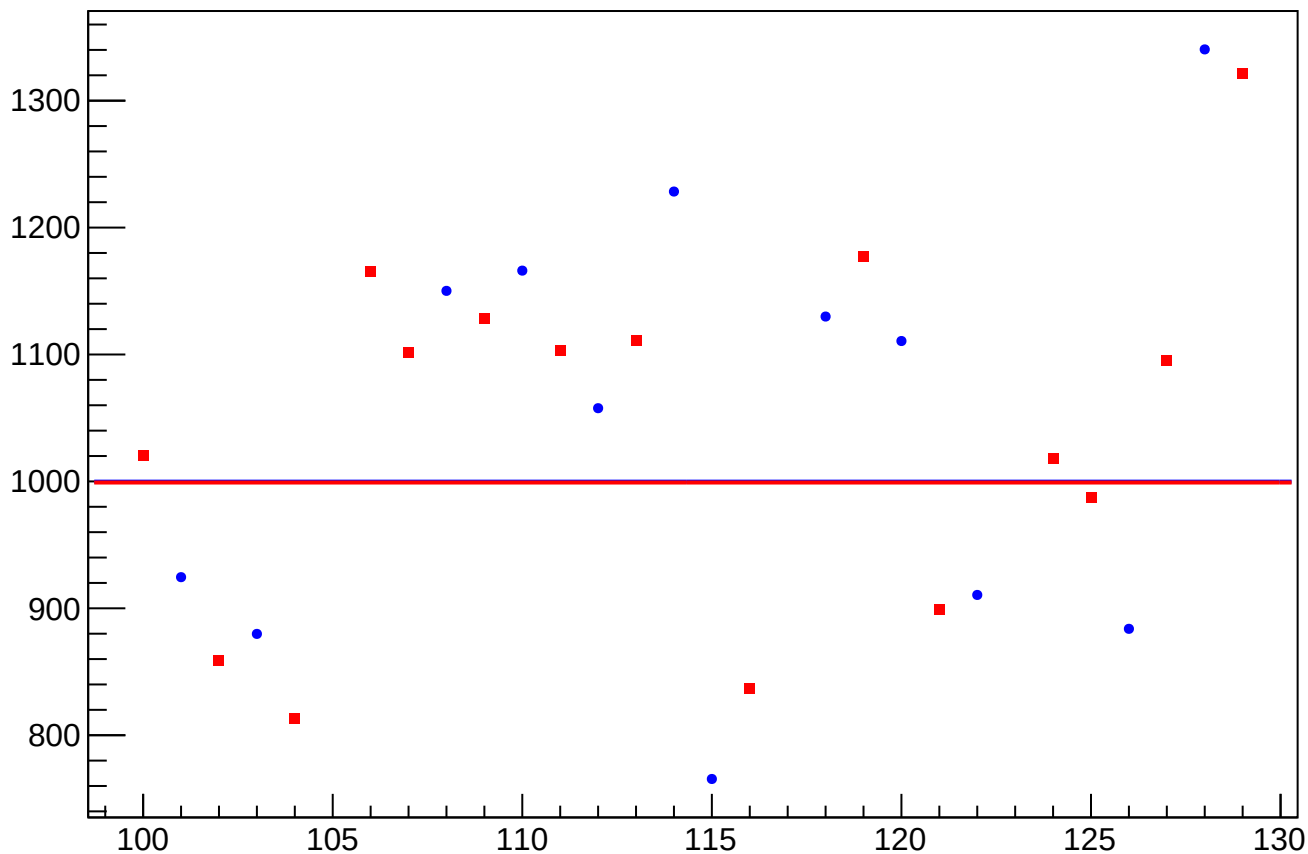
Right: -611.529+/-306.952 χ^2/NDF : 26.1/26

In: -192.538+/-453.180 χ^2/NDF : 13.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -611.529+/-306.952 χ^2/NDF : 26.1/26

asym_usr_atr1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 999.821+/-0.320 χ^2/NDF : 203022.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

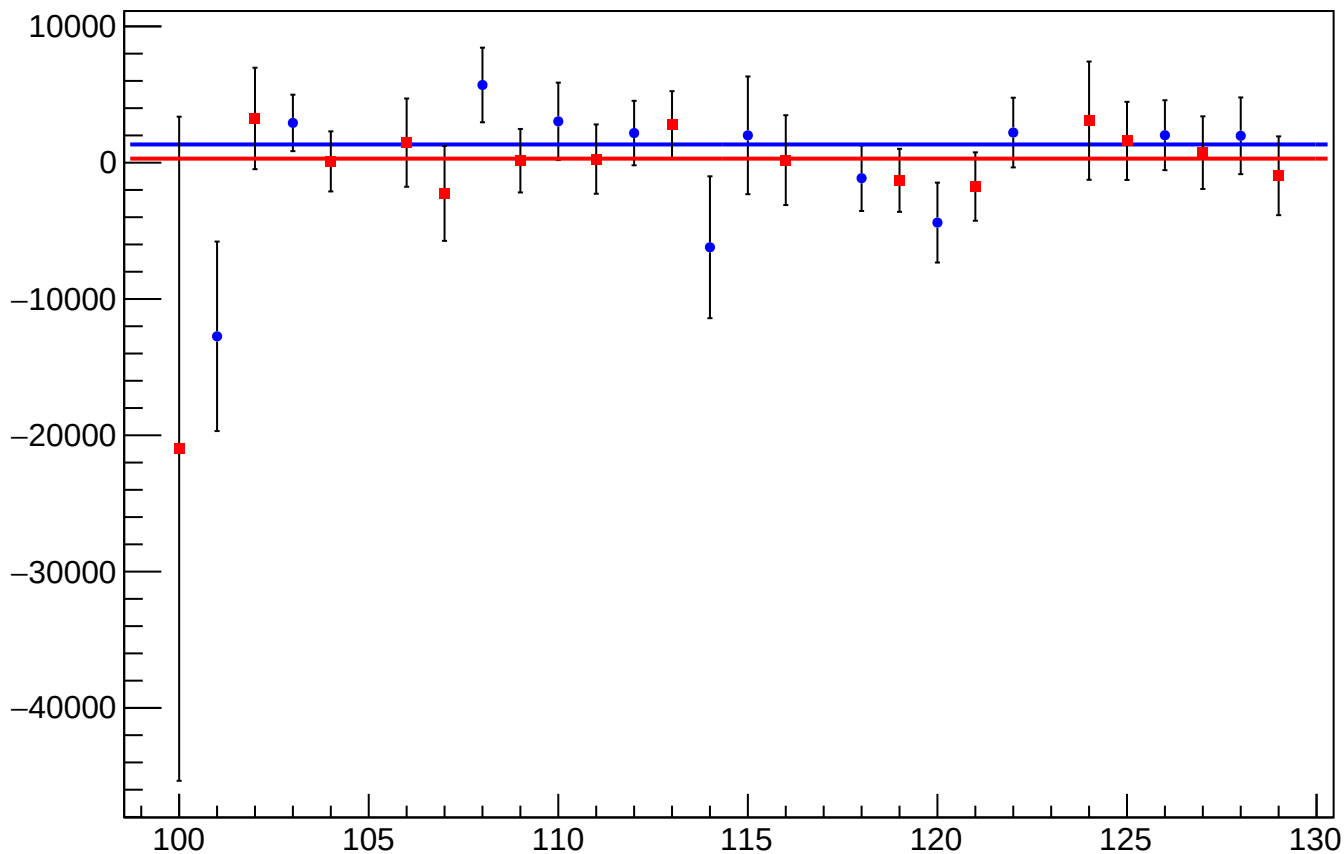
Right: 999.440+/-0.217 χ^2/NDF : 453456.7/26

In: 999.821+/-0.320 χ^2/NDF : 203022.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 999.440+/-0.217 χ^2/NDF : 453456.7/26

asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1337.689 $\pm$ 816.309 χ^2 /NDF: 14.9/11

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

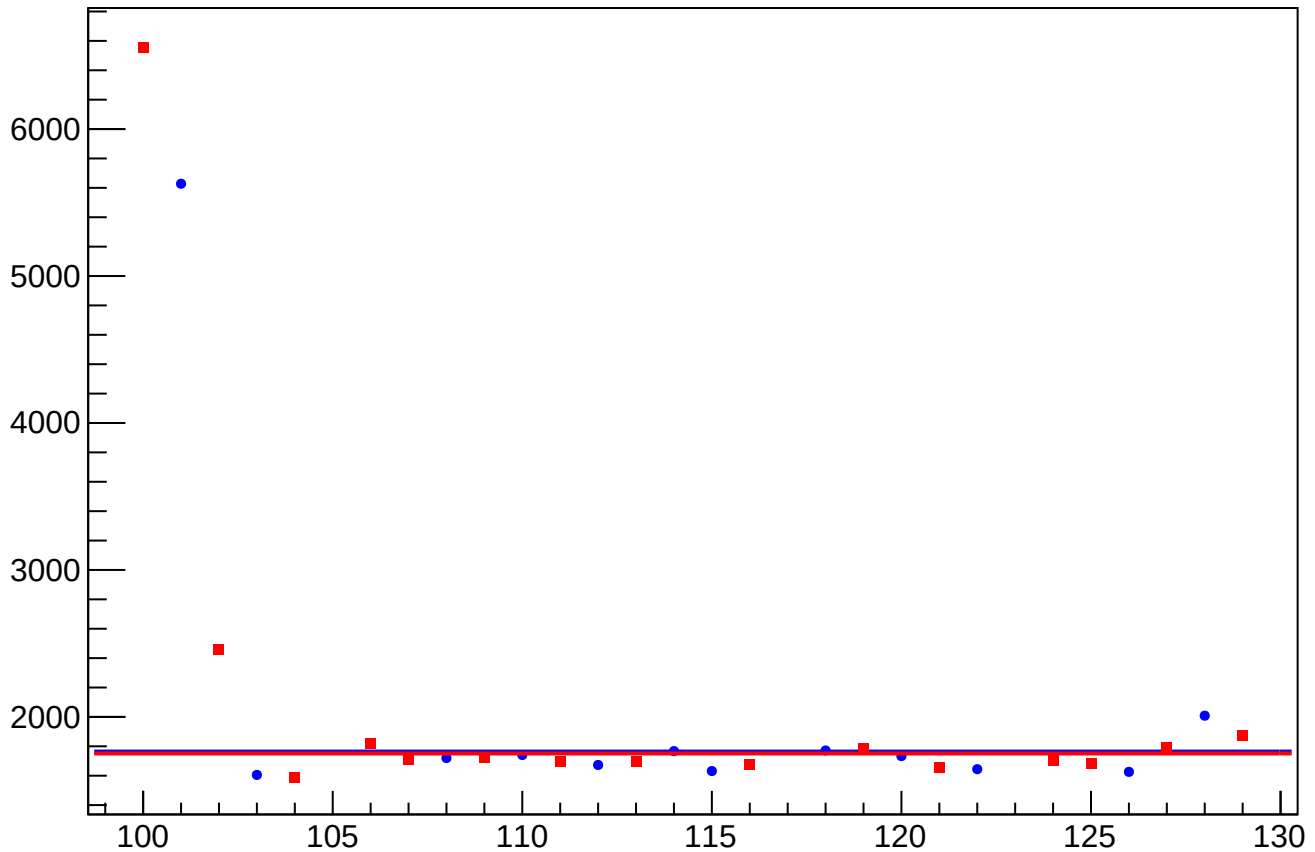
Right: 765.549 $\pm$ 547.467 χ^2 /NDF: 20.9/26

In: 1337.689 $\pm$ 816.309 χ^2 /NDF:14.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 765.549 $\pm$ 547.467 χ^2 /NDF: 20.9/26

asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1764.250+/-0.577 χ^2/NDF : 660805.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

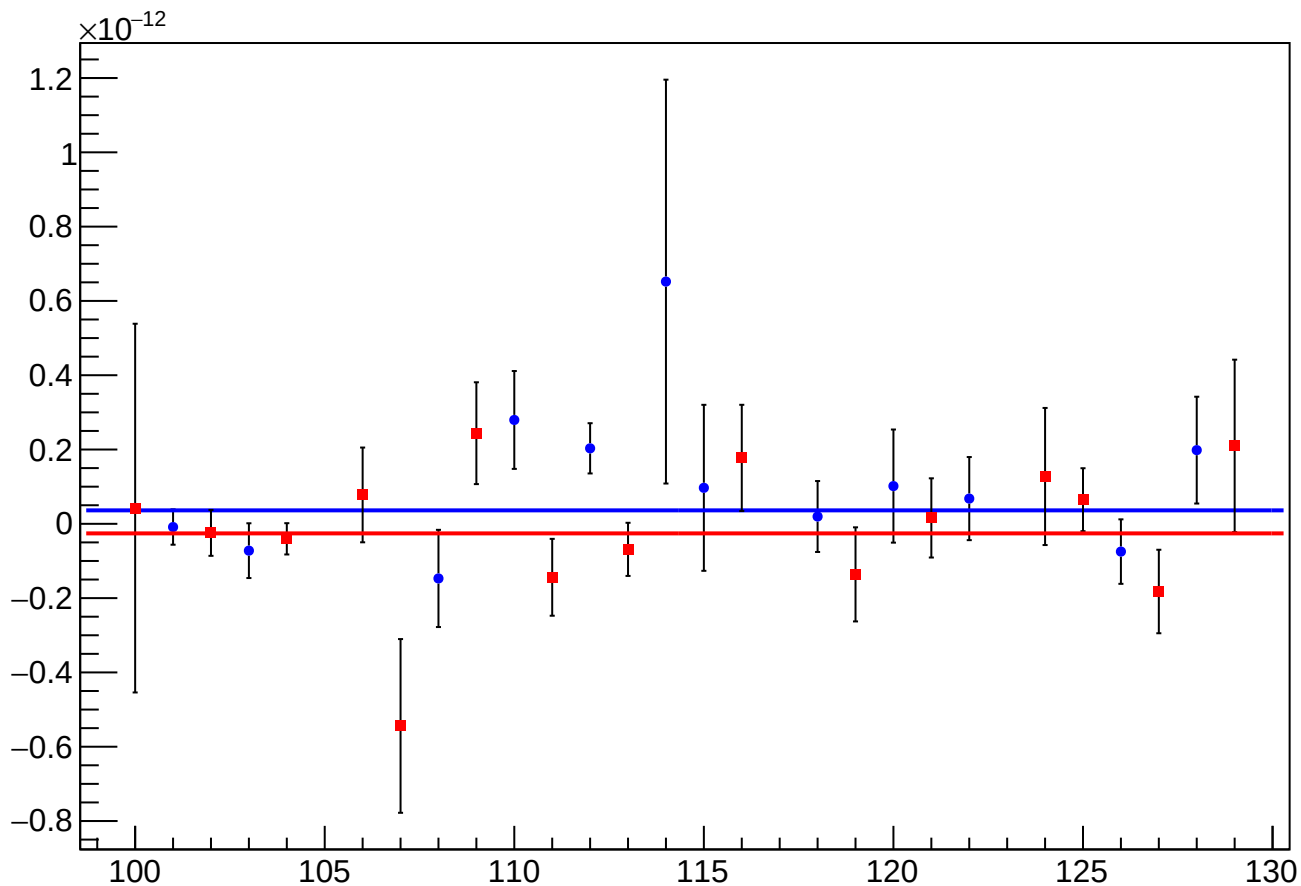
Right: 1757.109+/-0.387 χ^2/NDF : 835378.7/26

In: 1764.250+/-0.577 χ^2/NDF : 660805.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1757.109+/-0.387 χ^2/NDF : 835378.7/26

asym_usr_atr1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 19.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 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

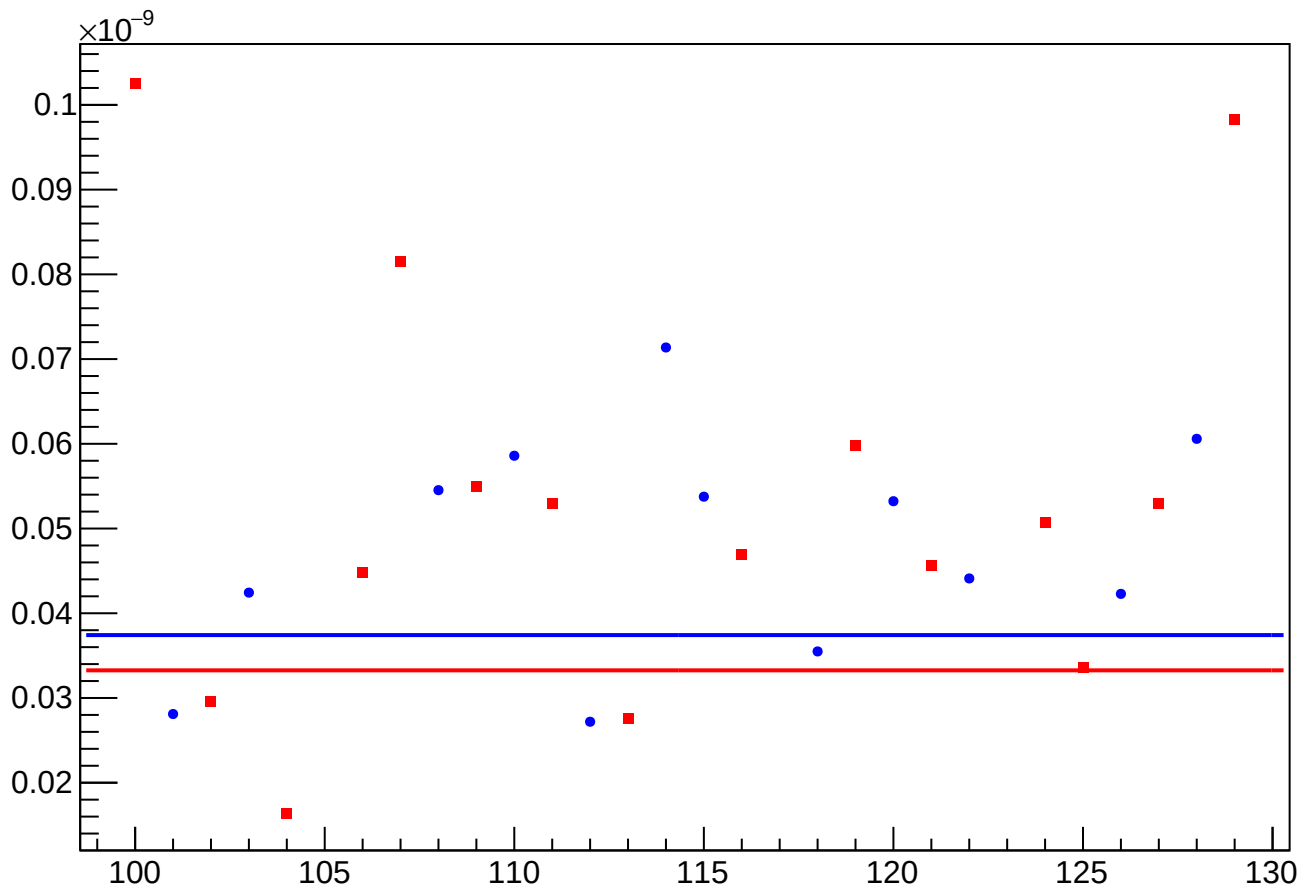
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 41.0/26

In: 0.000 $\pm$ 0.000 χ^2/NDF : 19.1/11

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 41.0/26

asym_usr_atr1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 323771.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

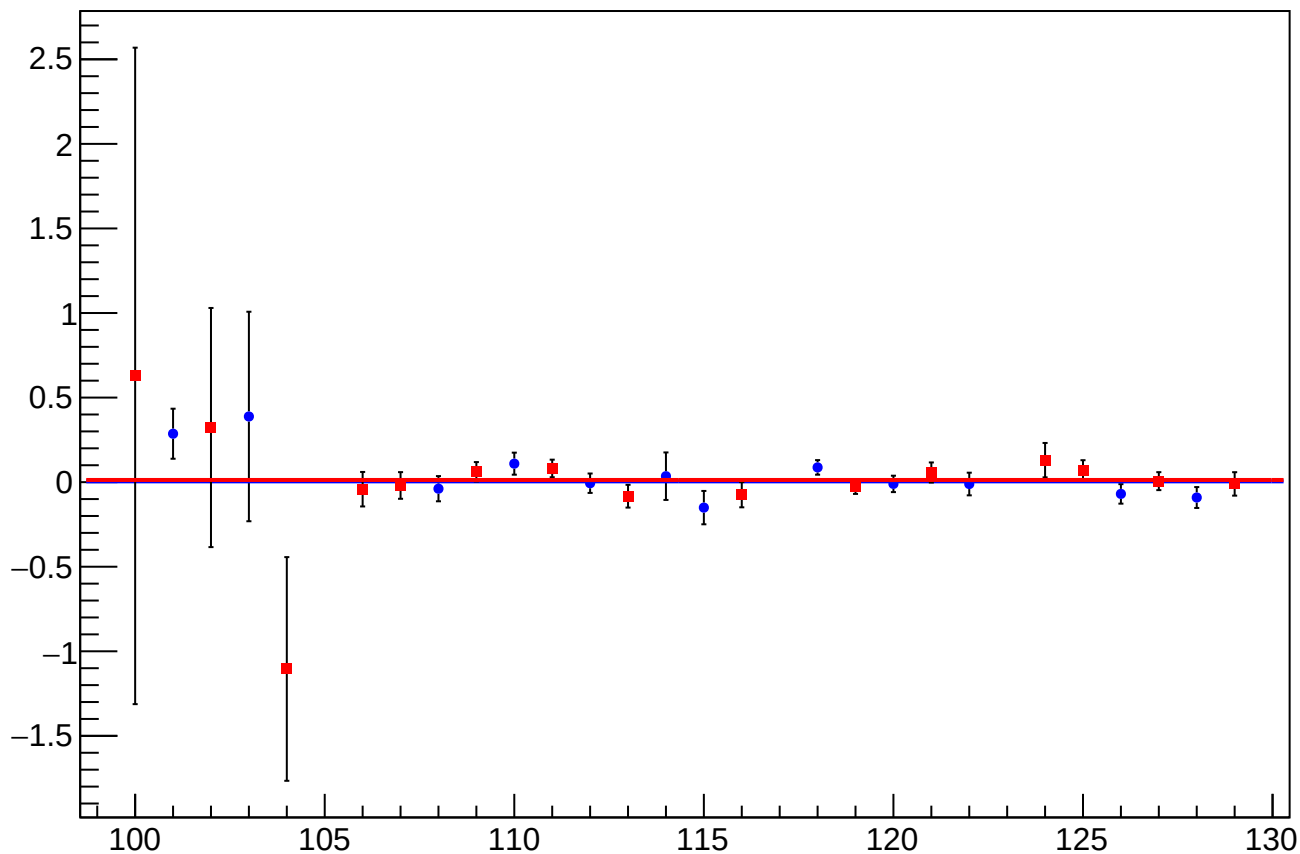
Right: 0.000+/-0.000 χ^2/NDF : 1325261.2/26

In: 0.000+/-0.000 χ^2/NDF : 323771.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1325261.2/26

asym_usr_atr1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.019 χ^2/NDF : 17.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-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

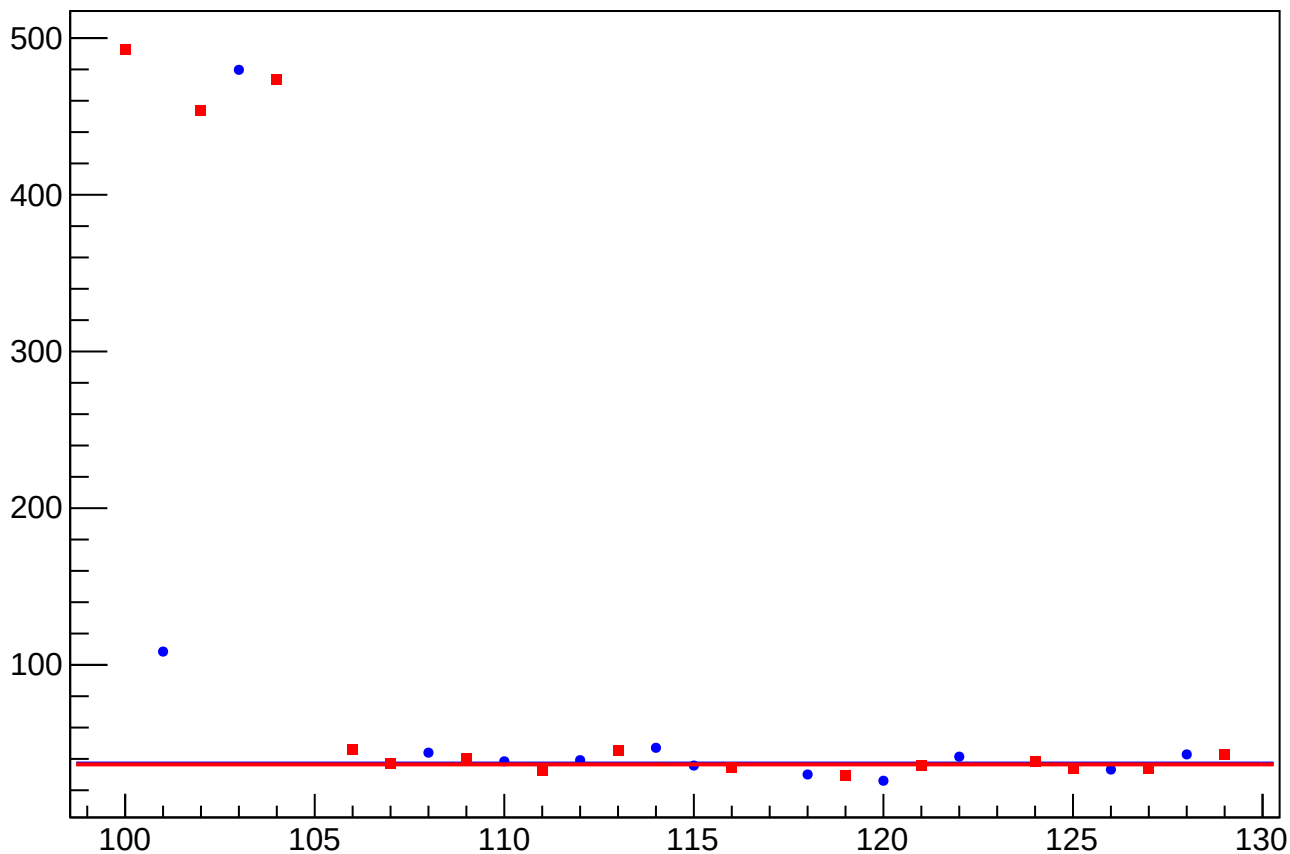
Right: 0.009+/-0.013 χ^2/NDF : 30.8/26

In: 0.005+/-0.019 χ^2/NDF : 17.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.013 χ^2/NDF : 30.8/26

asym_usr_atr1_dd_dit_vs_slug, Sign Corrected



Right In: 37.035+/-0.014 χ^2/NDF : 1710206.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.497+/-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

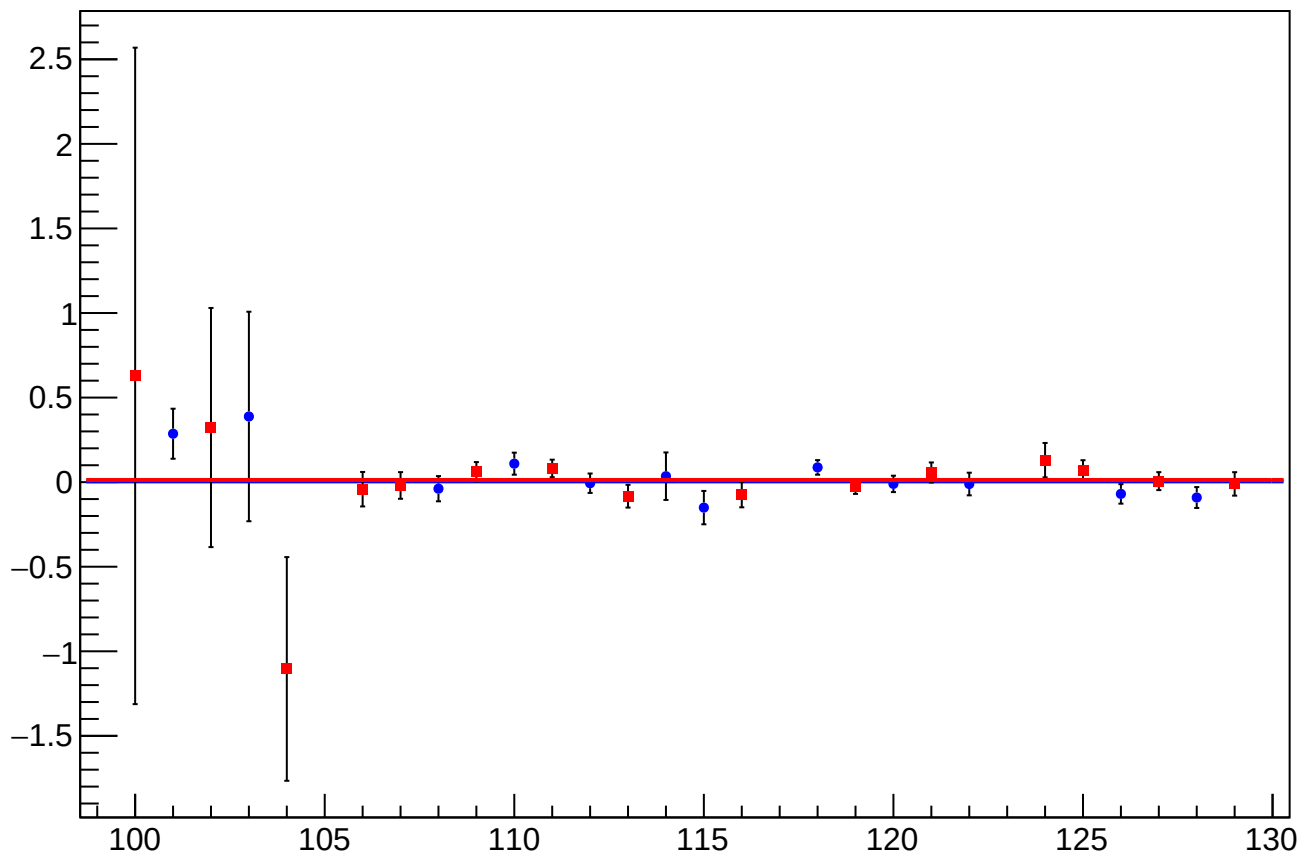
Right: 36.745+/-0.009 χ^2/NDF : 3542178.6/26

In: 37.035+/-0.014 χ^2/NDF : 1710206.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.745+/-0.009 χ^2/NDF : 3542178.6/26

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.019 χ^2/NDF : 17.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-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

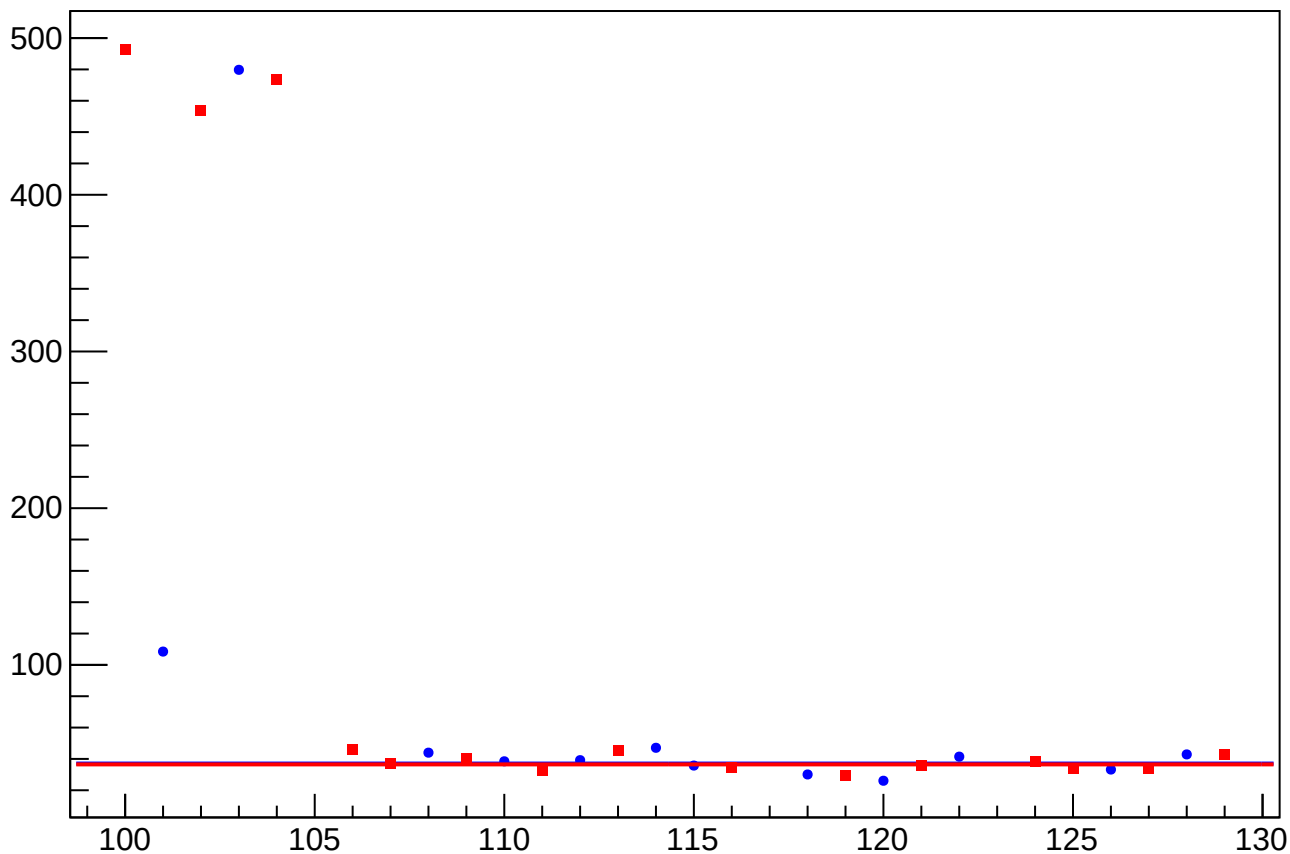
Right: 0.009+/-0.013 χ^2/NDF : 30.8/26

In: 0.005+/-0.019 χ^2/NDF : 17.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.013 χ^2/NDF : 30.8/26

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.035+/-0.014 χ^2/NDF : 1710206.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.497+/-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

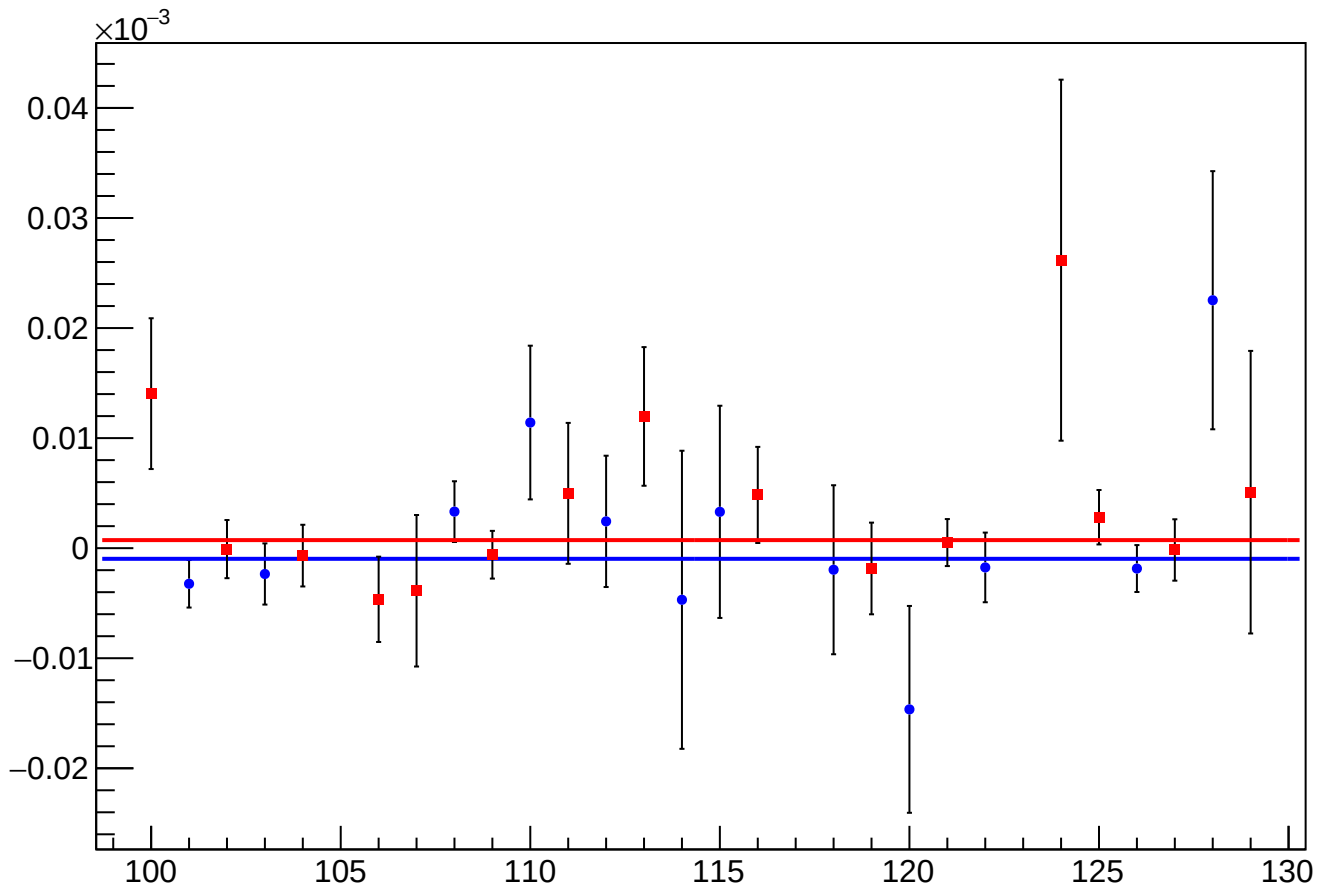
Right: 36.745+/-0.009 χ^2/NDF : 3542178.6/26

In: 37.035+/-0.014 χ^2/NDF : 1710206.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.745+/-0.009 χ^2/NDF : 3542178.6/26

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.9/11

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

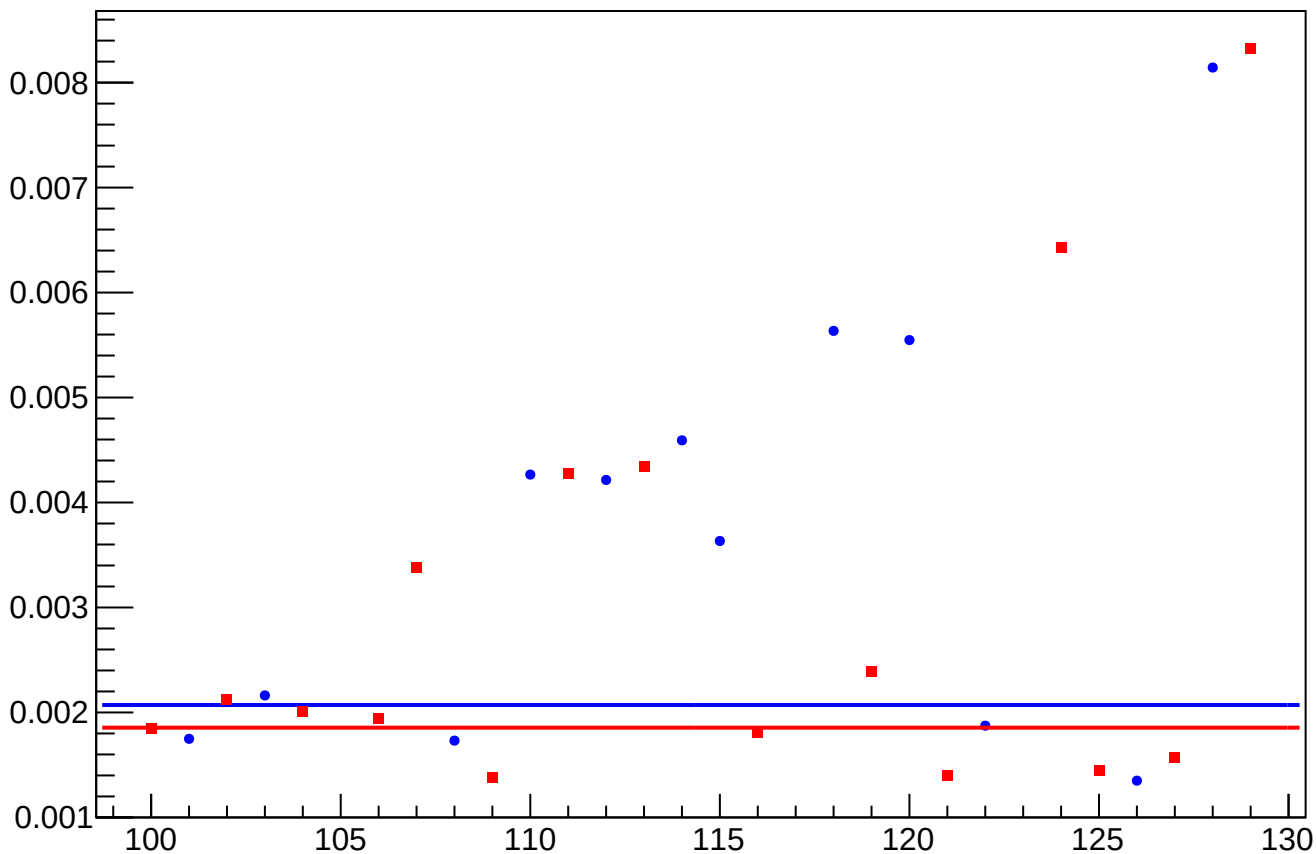
Right: 0.000+/-0.000 χ^2/NDF : 30.5/26

In: -0.000+/-0.000 χ^2/NDF : 13.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.5/26

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2131425.2/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 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

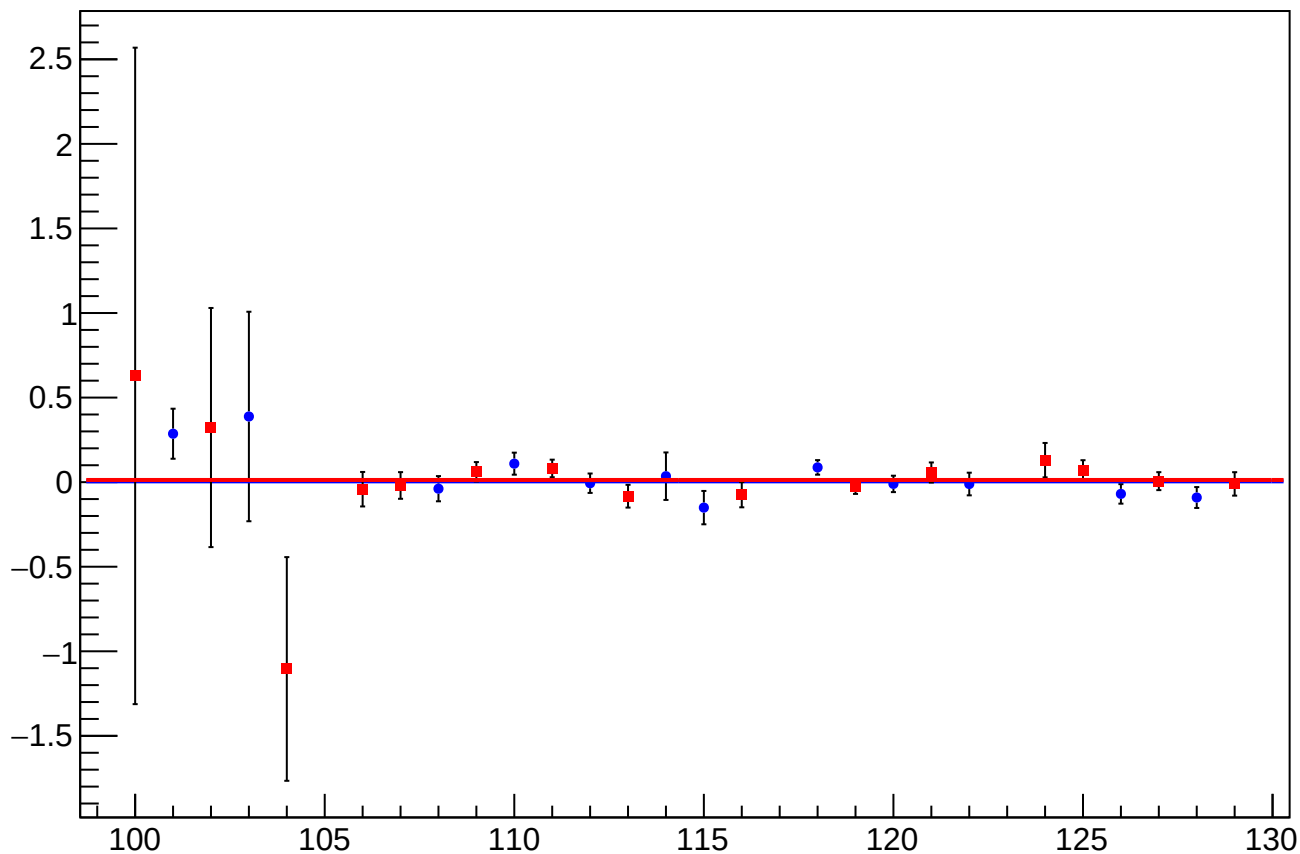
Right: 0.002+/-0.000 χ^2/NDF : 3861288.9/26

In: 0.002+/-0.000 χ^2/NDF :2131425.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3861288.9/26

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.019 χ^2/NDF : 17.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-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

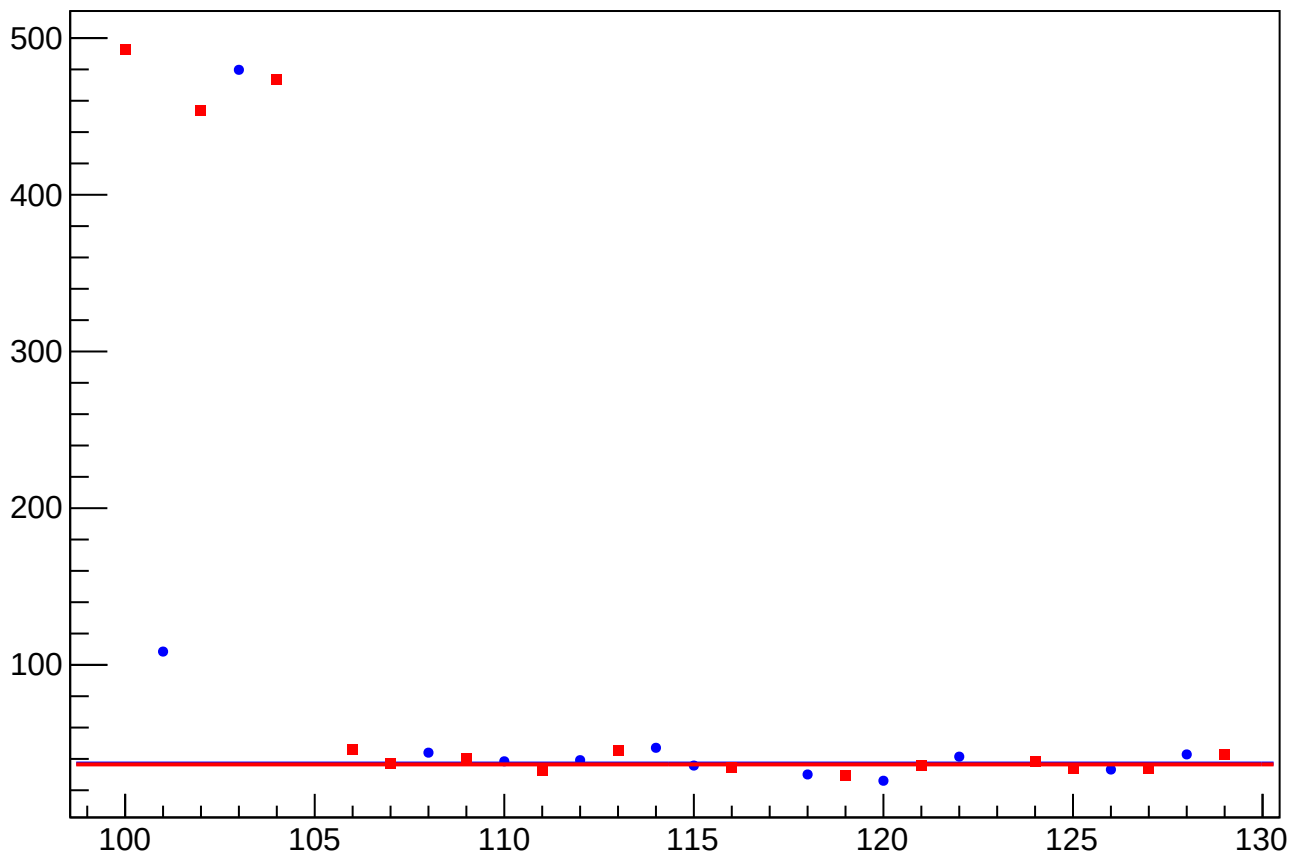
Right: 0.009+/-0.013 χ^2/NDF : 30.8/26

In: 0.005+/-0.019 χ^2/NDF : 17.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.013 χ^2/NDF : 30.8/26

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.035+/-0.014 χ^2/NDF : 1710213.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 36.496+/-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

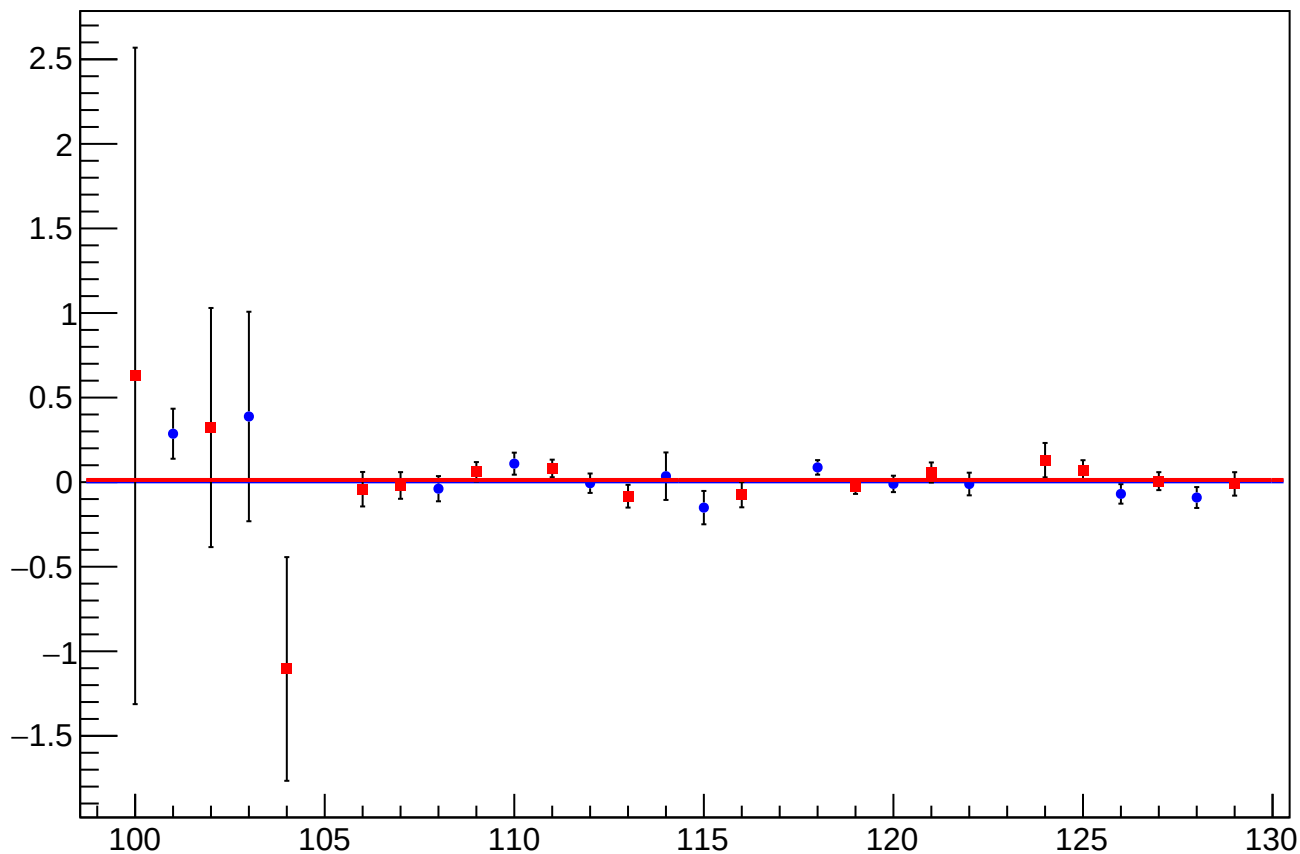
Right: 36.744+/-0.009 χ^2/NDF : 3542238.2/26

In: 37.035+/-0.014 χ^2/NDF :1710213.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 36.744+/-0.009 χ^2/NDF : 3542238.2/26

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.019 χ^2/NDF : 17.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-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

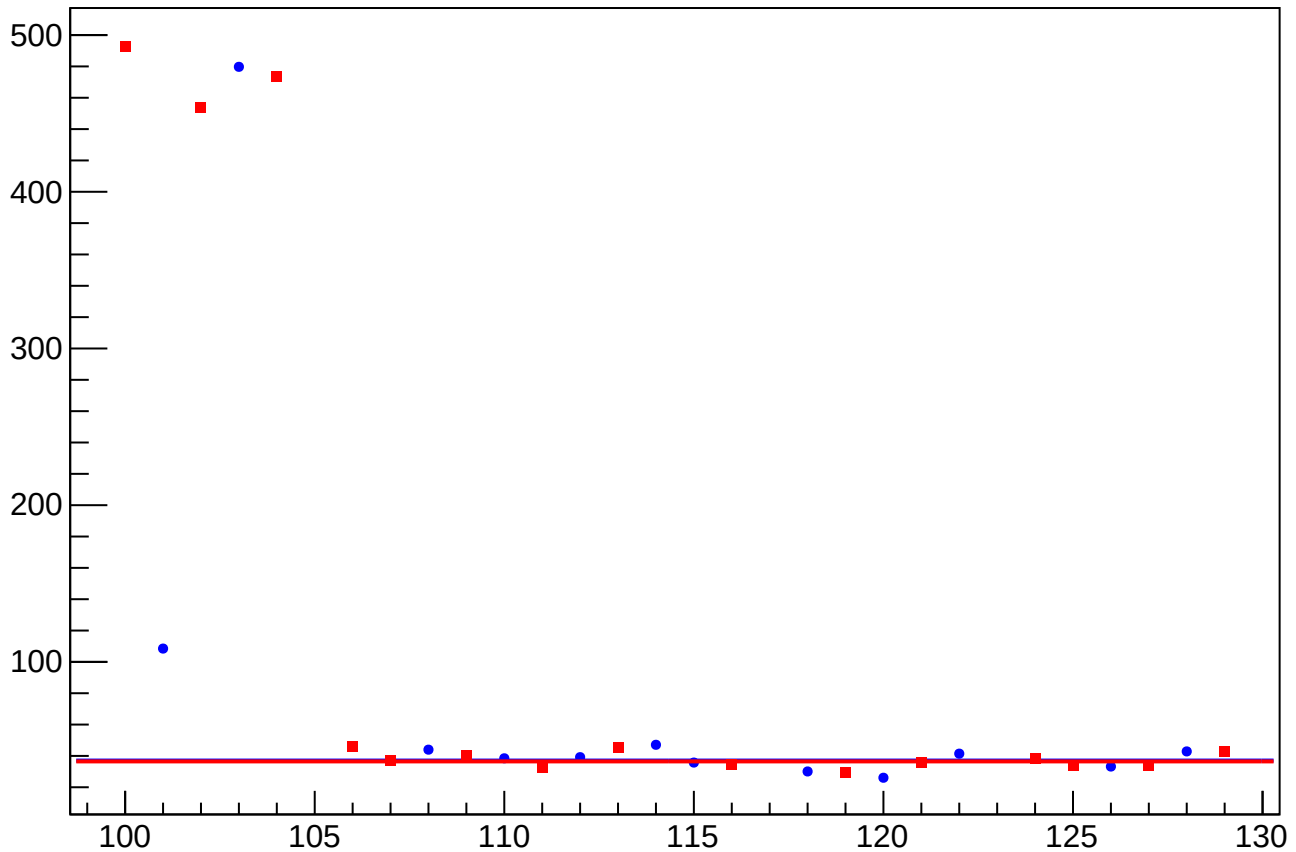
Right: 0.009+/-0.013 χ^2/NDF : 30.8/26

In: 0.005+/-0.019 χ^2/NDF : 17.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.013 χ^2/NDF : 30.8/26

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.035+/-0.014 χ^2/NDF : 1710213.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.496+/-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

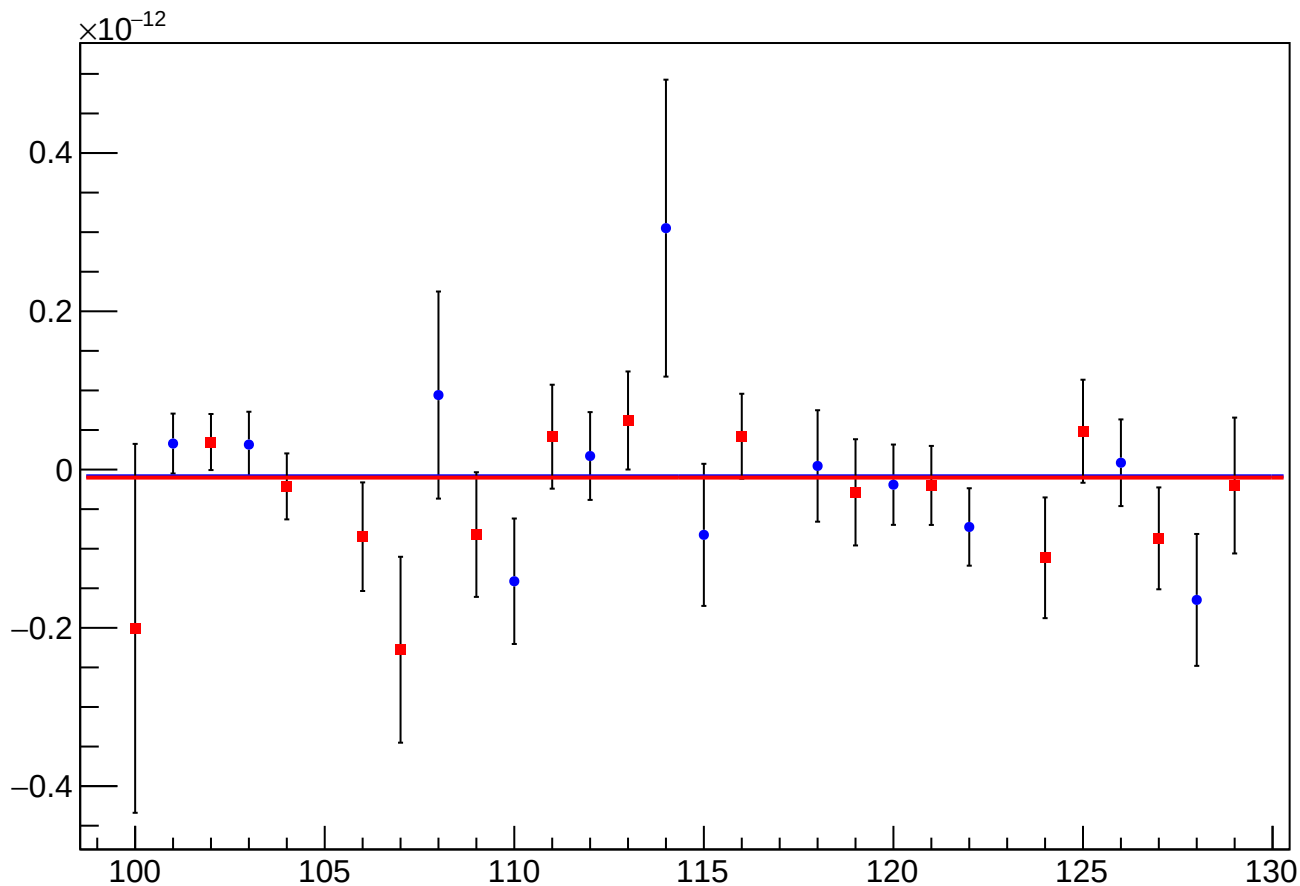
Right: 36.744+/-0.009 χ^2/NDF : 3542238.2/26

In: 37.035+/-0.014 χ^2/NDF : 1710213.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.744+/-0.009 χ^2/NDF : 3542238.2/26

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.6/11

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

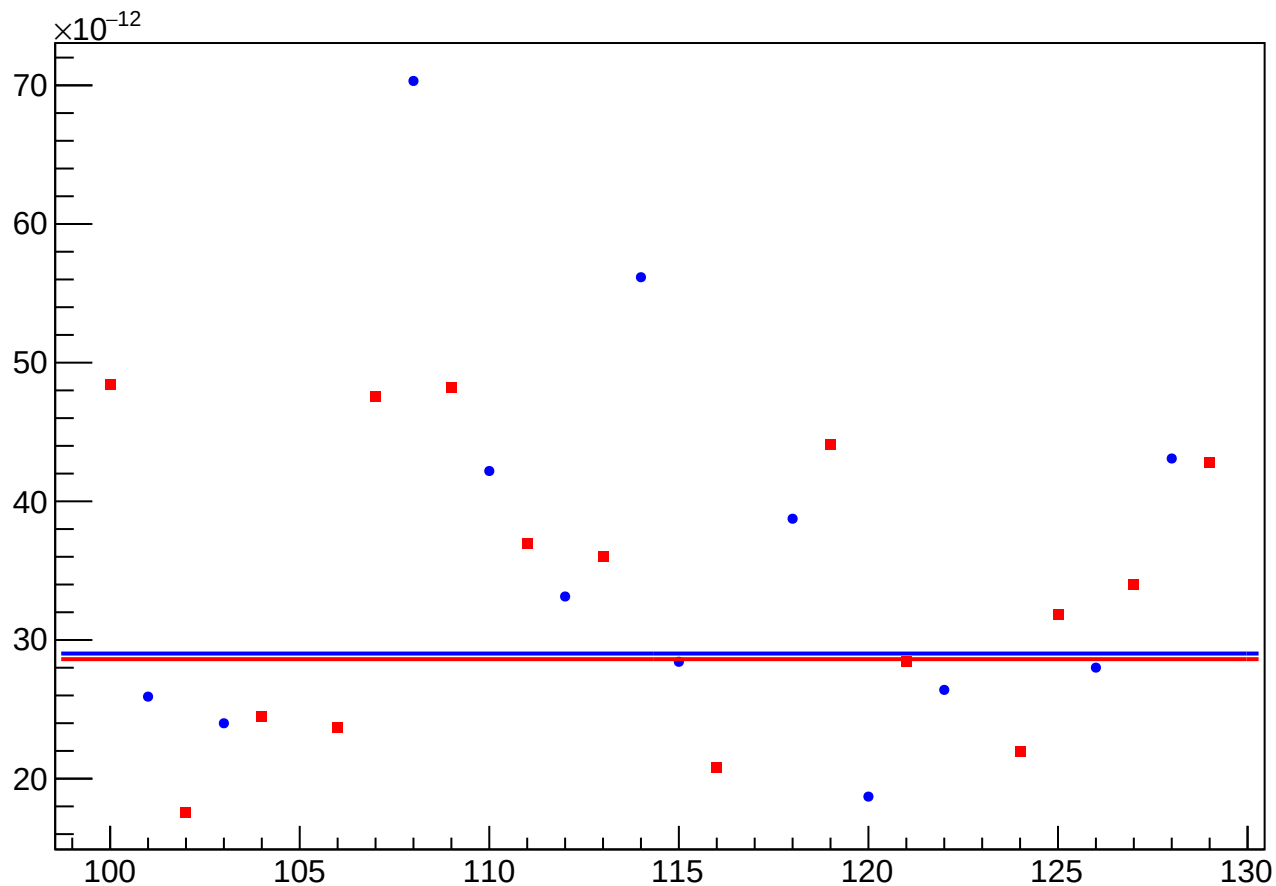
Right: -0.000+/-0.000 χ^2/NDF : 29.5/26

In: -0.000+/-0.000 χ^2/NDF : 14.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.5/26

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 534275.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

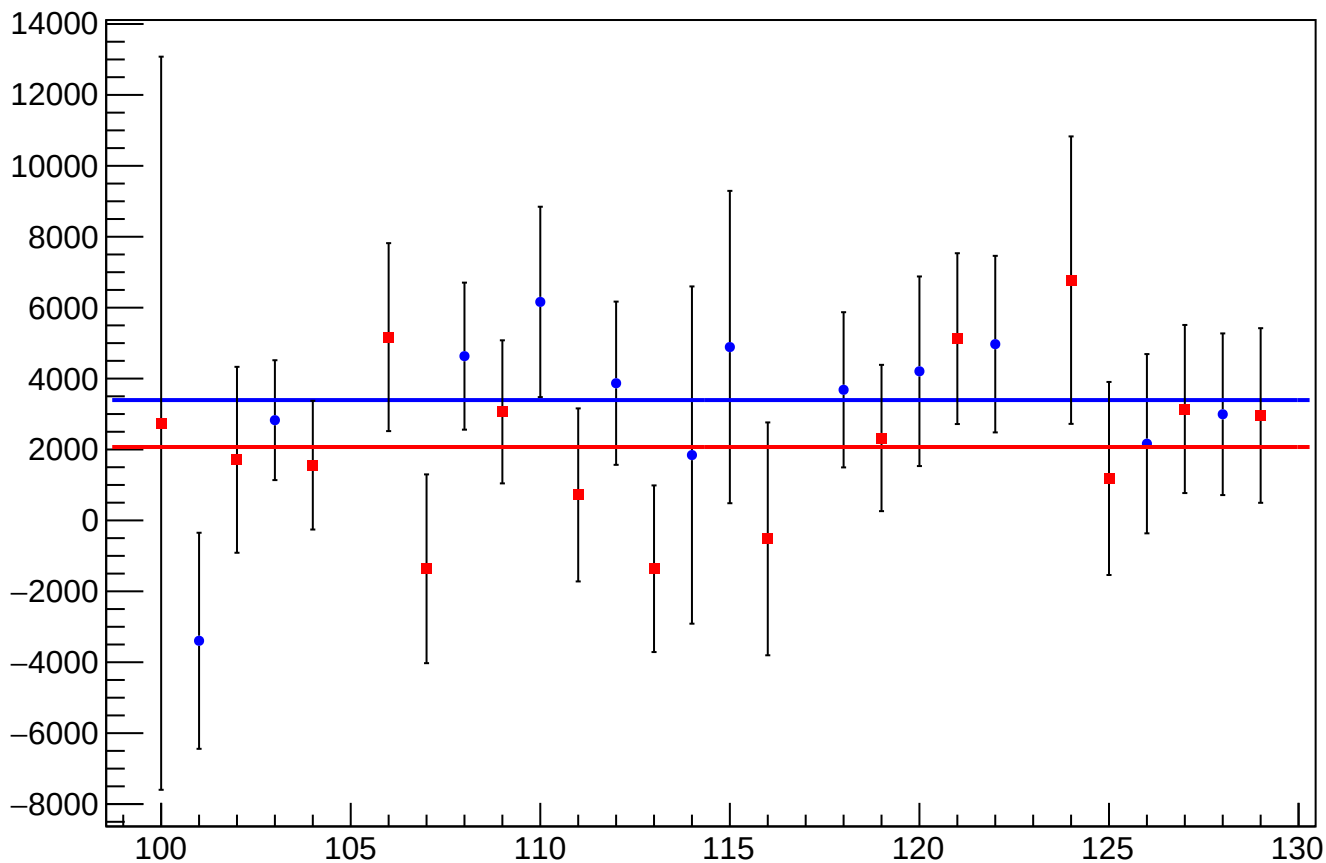
Right: 0.000+/-0.000 χ^2/NDF : 1249205.3/26

In: 0.000+/-0.000 χ^2/NDF : 534275.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1249205.3/26

reg_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3393.798+/-712.022 χ^2/NDF : 7.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

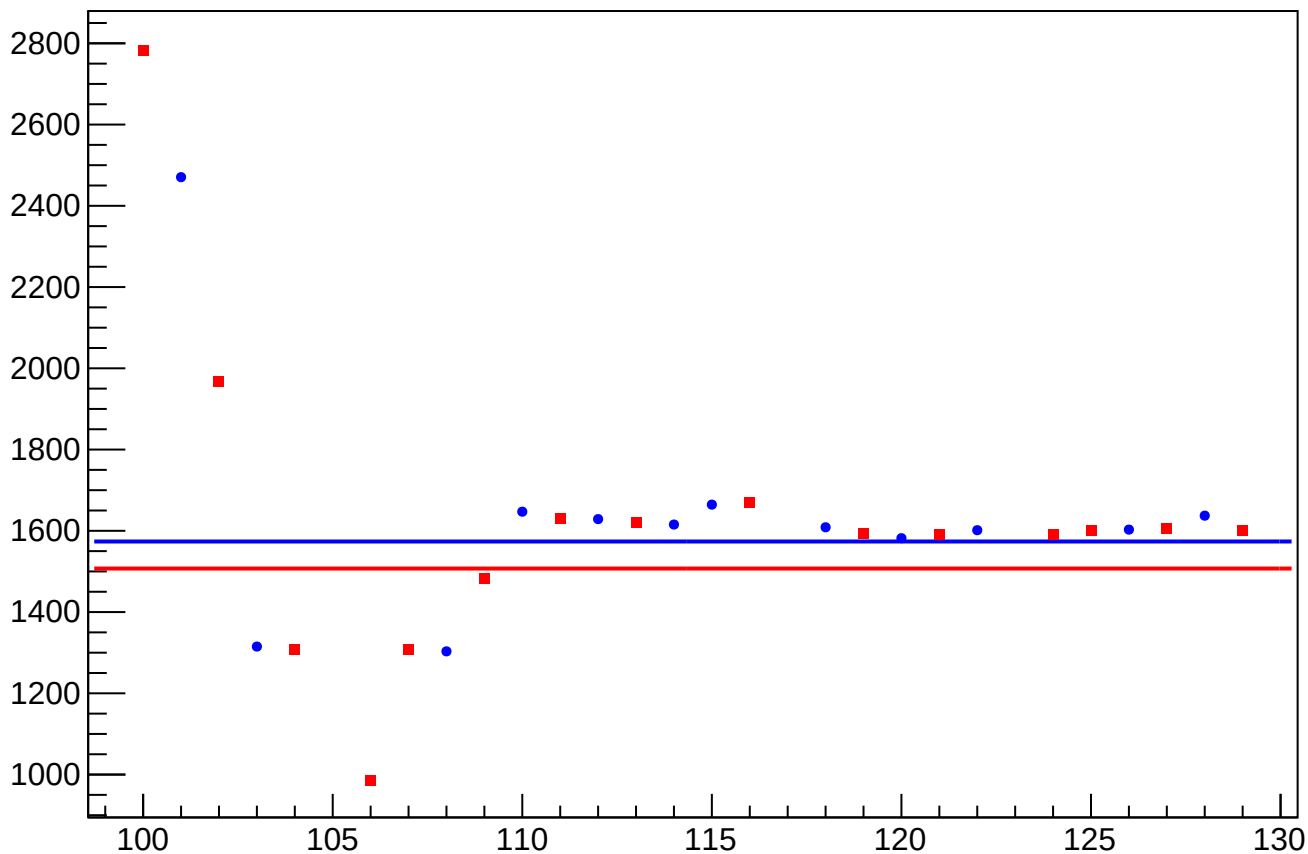
Right: 2670.616+/-479.586 χ^2/NDF : 19.3/26

In: 3393.798+/-712.022 χ^2/NDF : 7.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2670.616+/-479.586 χ^2/NDF : 19.3/26

reg_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1573.726+/-0.503 χ^2/NDF : 260372.2/11

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

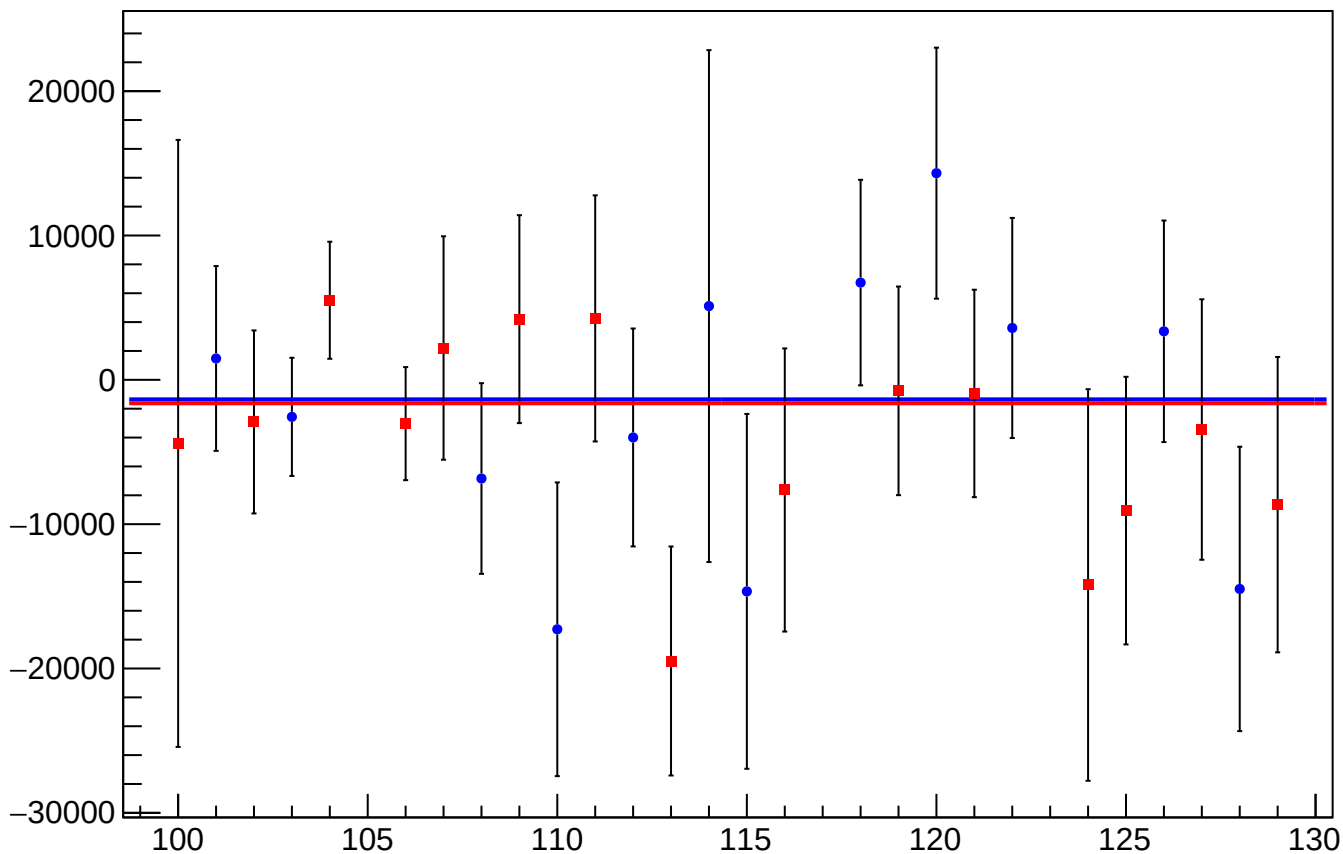
Right: 1536.669+/-0.335 χ^2/NDF : 558859.2/26

In: 1573.726+/-0.503 χ^2/NDF : 260372.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1536.669+/-0.335 χ^2/NDF : 558859.2/26

asym_usr_atr2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1353.474+/-2125.090 χ^2/NDF : 12.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1624.114+/-1806.020 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

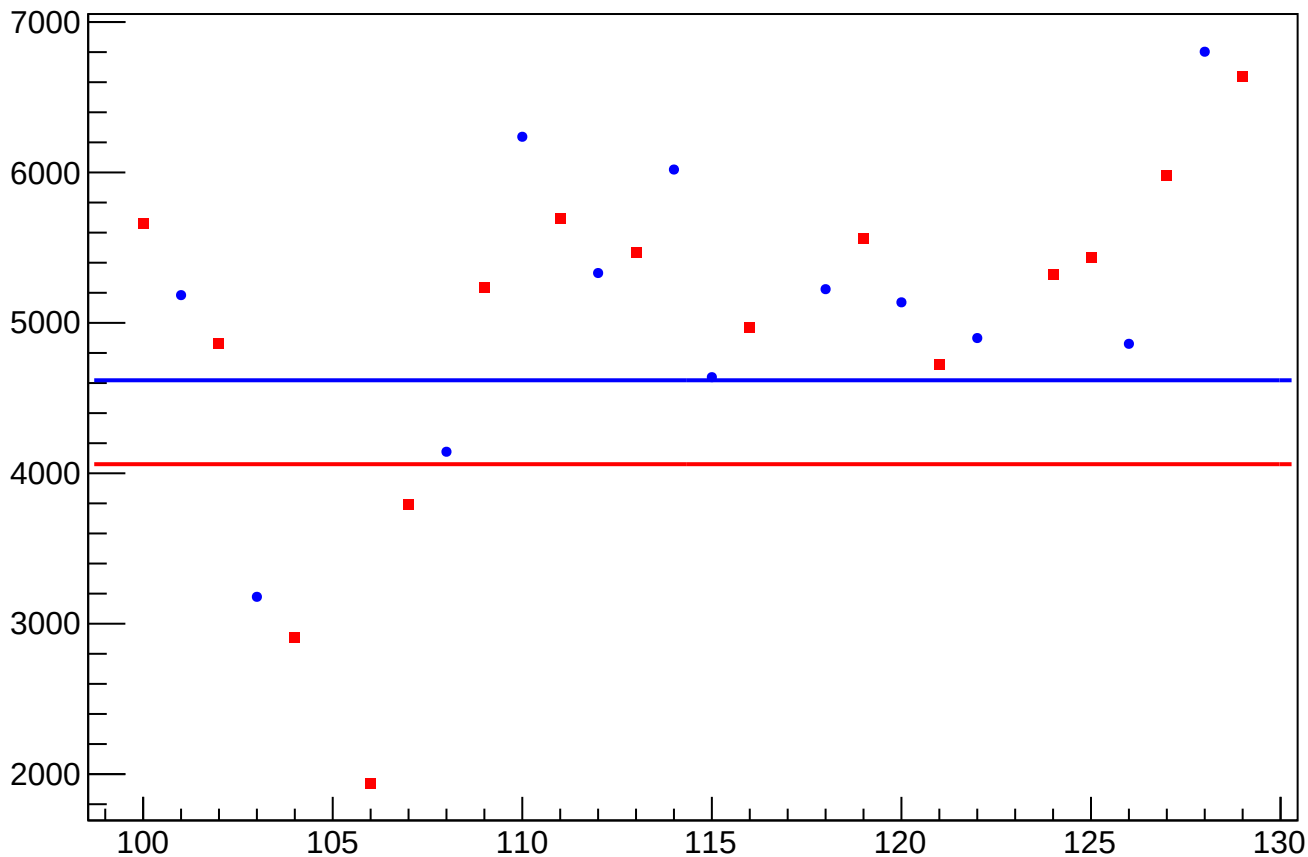
Right: -1510.617+/-1376.176 χ^2/NDF : 24.1/26

In: -1353.474+/-2125.090 χ^2/NDF : 12.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1510.617+/-1376.176 χ^2/NDF : 24.1/26

asym_usr_atr2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 4618.360+/-1.503 χ^2/NDF : 478938.9/11

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

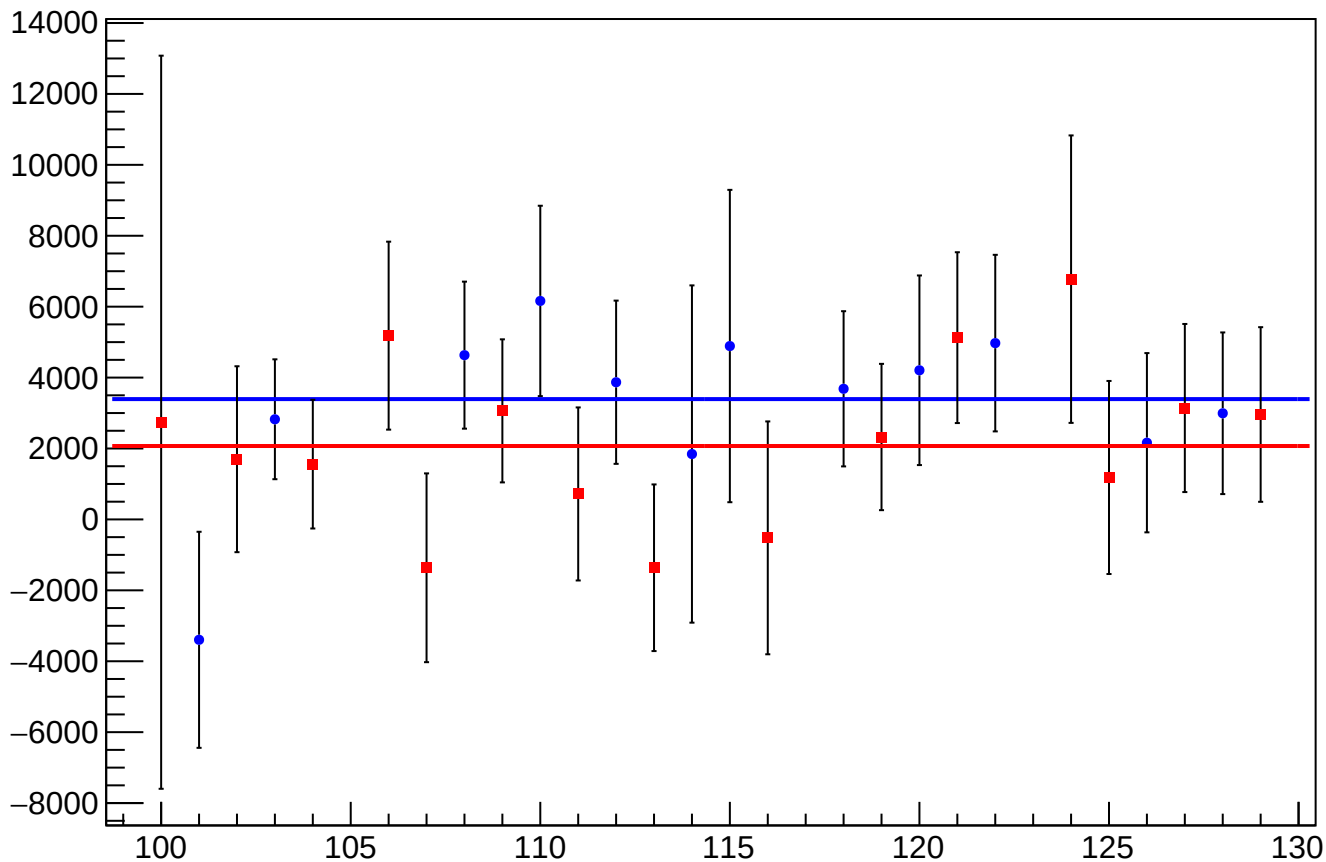
Right: 4294.444+/-0.973 χ^2/NDF : 1941692.1/26

In: 4618.360+/-1.503 χ^2/NDF : 478938.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4294.444+/-0.973 χ^2/NDF : 1941692.1/26

cor_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3393.337+/-712.022 χ^2/NDF : 7.5/11

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

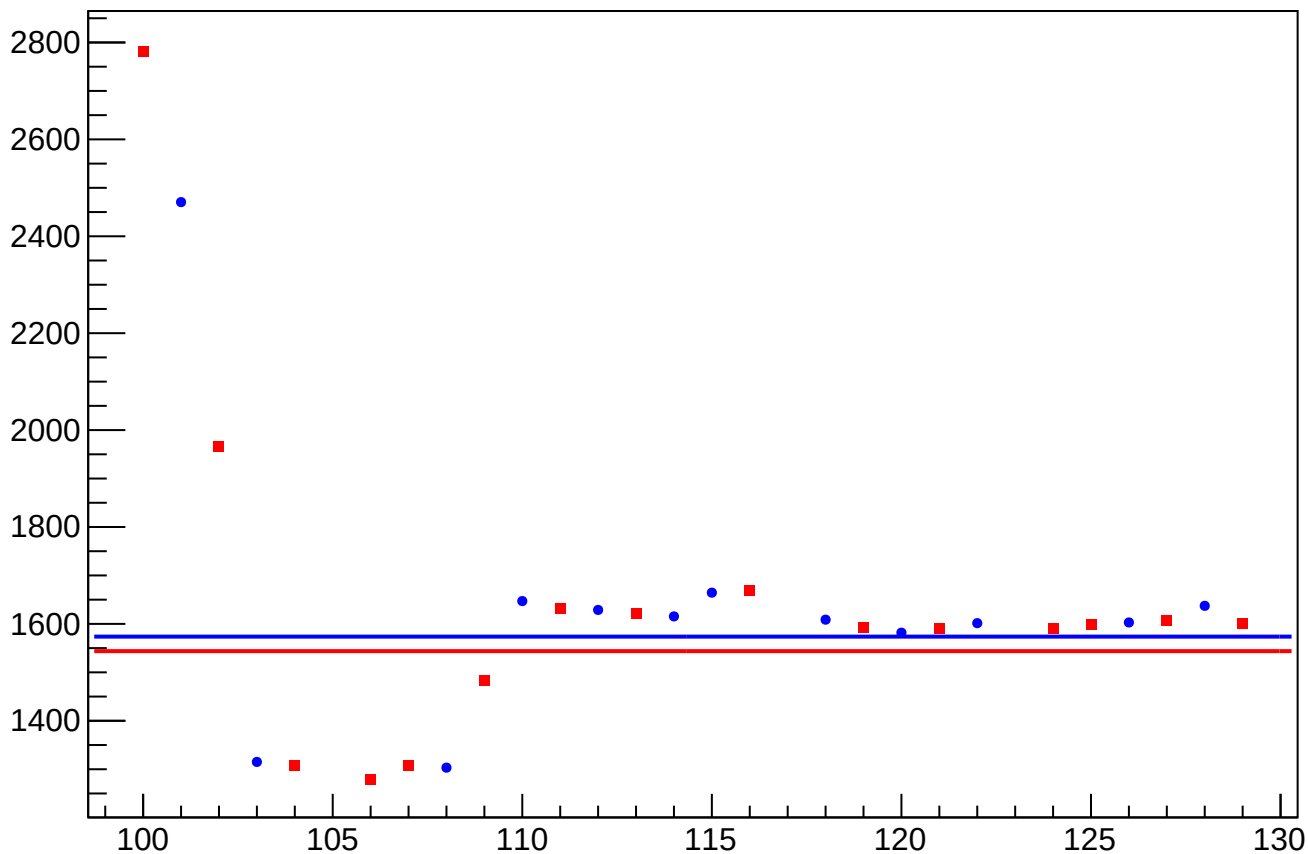
Right: 2670.467+/-479.588 χ^2/NDF : 19.3/26

In: 3393.337+/-712.022 χ^2/NDF : 7.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2670.467+/-479.588 χ^2/NDF : 19.3/26

cor_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1573.727+/-0.503 χ^2/NDF : 260371.4/11

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

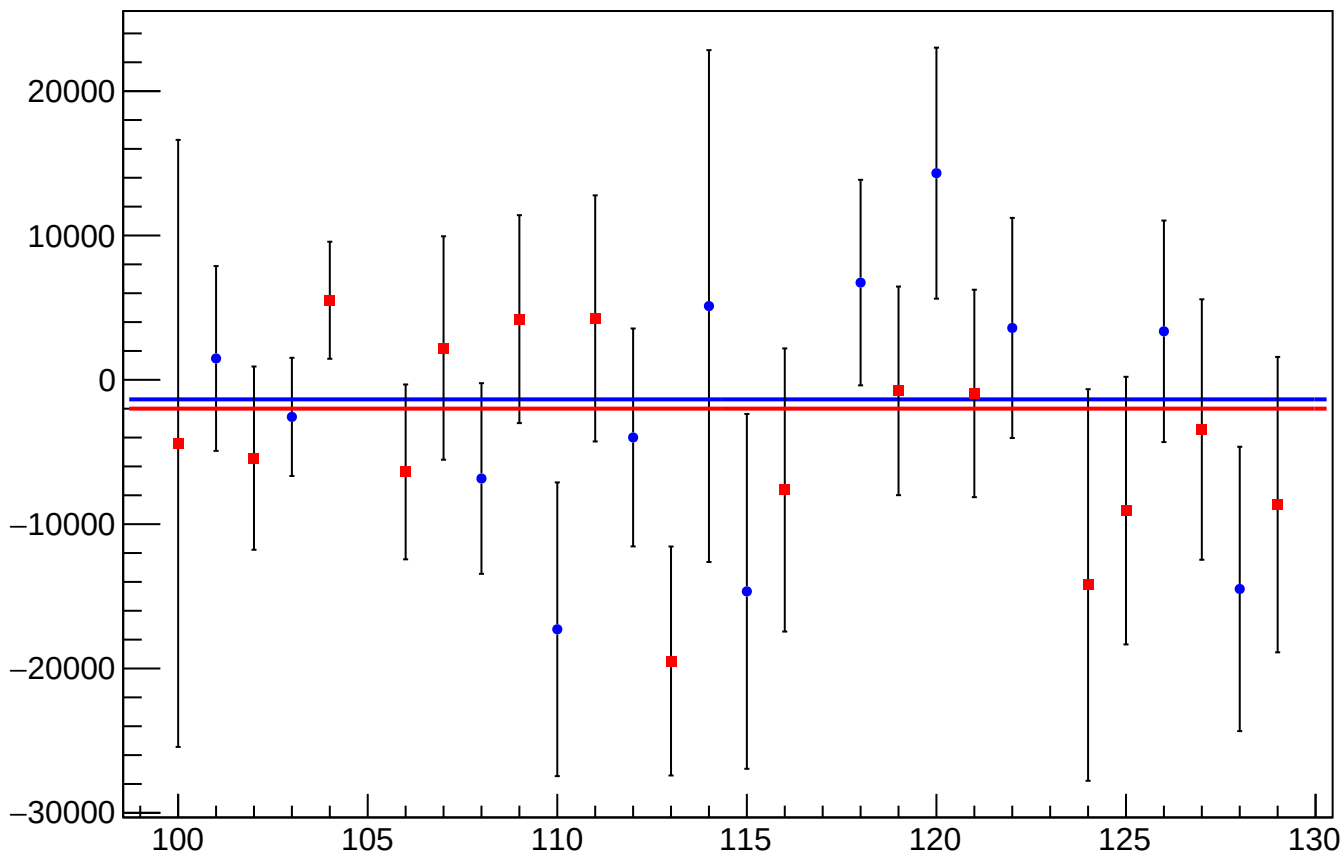
Right: 1557.292+/-0.338 χ^2/NDF : 430933.5/26

In: 1573.727+/-0.503 χ^2/NDF : 260371.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1557.292+/-0.338 χ^2/NDF : 430933.5/26

asym_usr_atr2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1353.791+/-2125.148 χ^2/NDF : 12.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

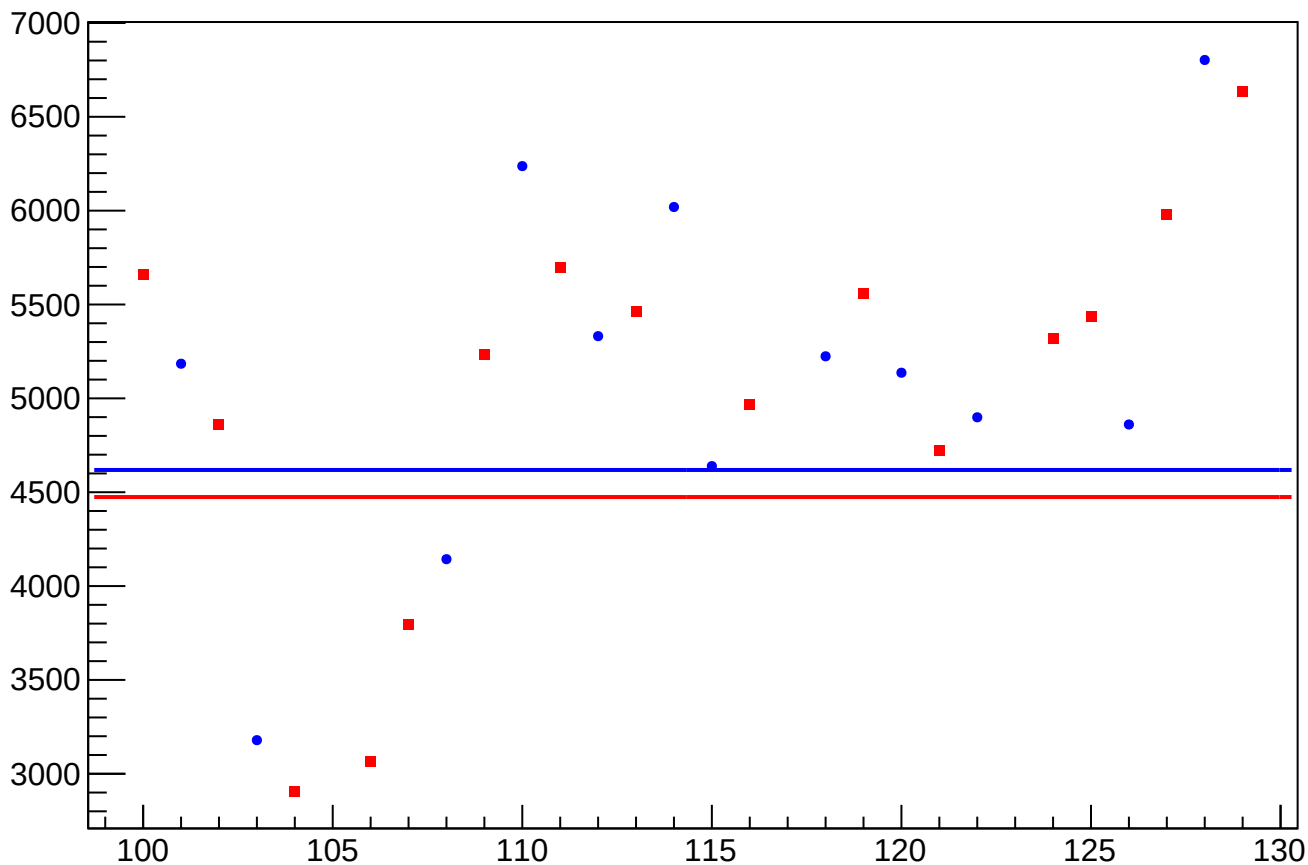
Right: -1705.716+/-1428.571 χ^2/NDF : 24.9/26

In: -1353.791+/-2125.148 χ^2/NDF : 12.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1705.716+/-1428.571 χ^2/NDF : 24.9/26

asym_usr_atr2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 4618.532+/-1.503 χ^2/NDF : 478770.3/11

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

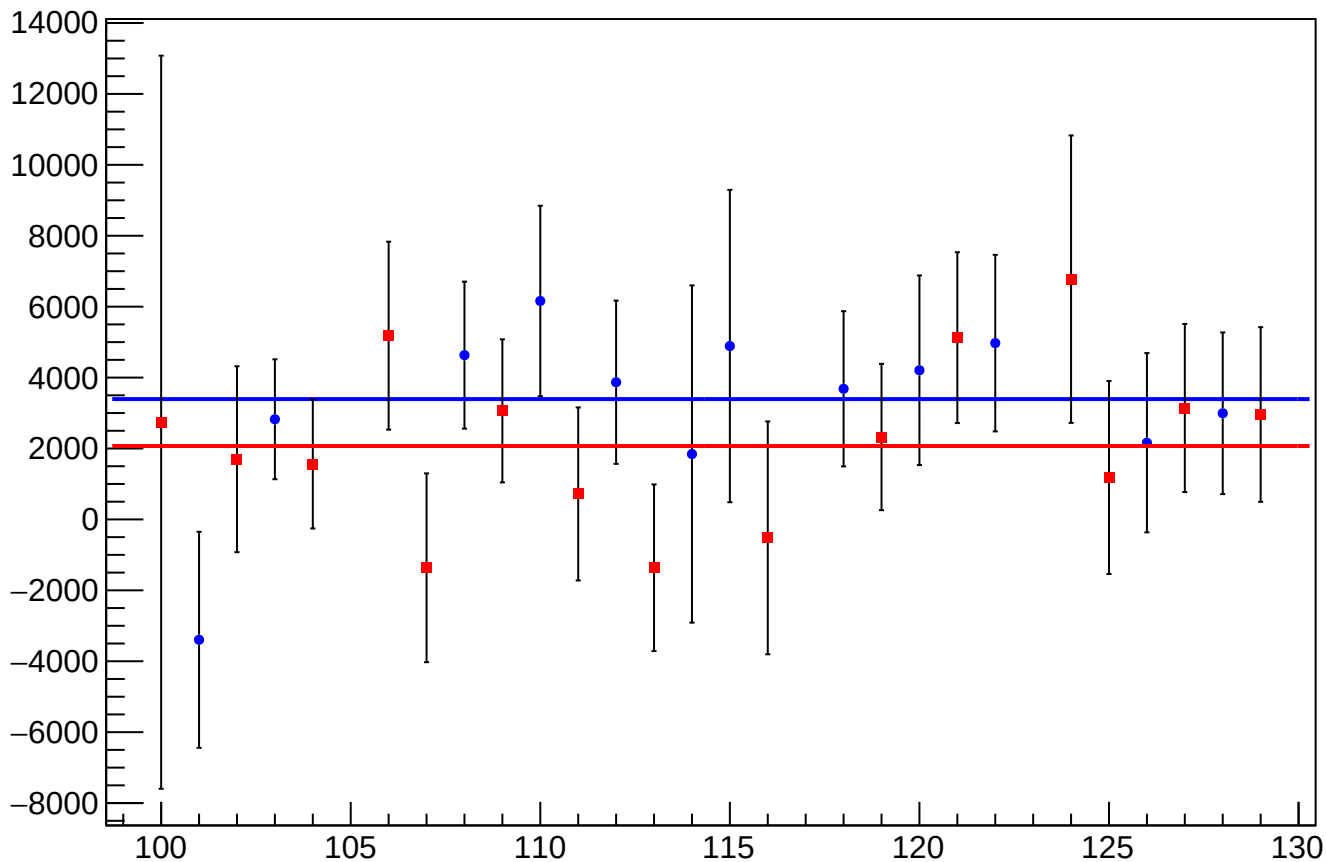
Right: 4539.491+/-1.010 χ^2/NDF : 1241275.0/26

In: 4618.532+/-1.503 χ^2/NDF : 478770.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4539.491+/-1.010 χ^2/NDF : 1241275.0/26

eigen_cor_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3393.337+/-712.022 χ^2/NDF : 7.5/11

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

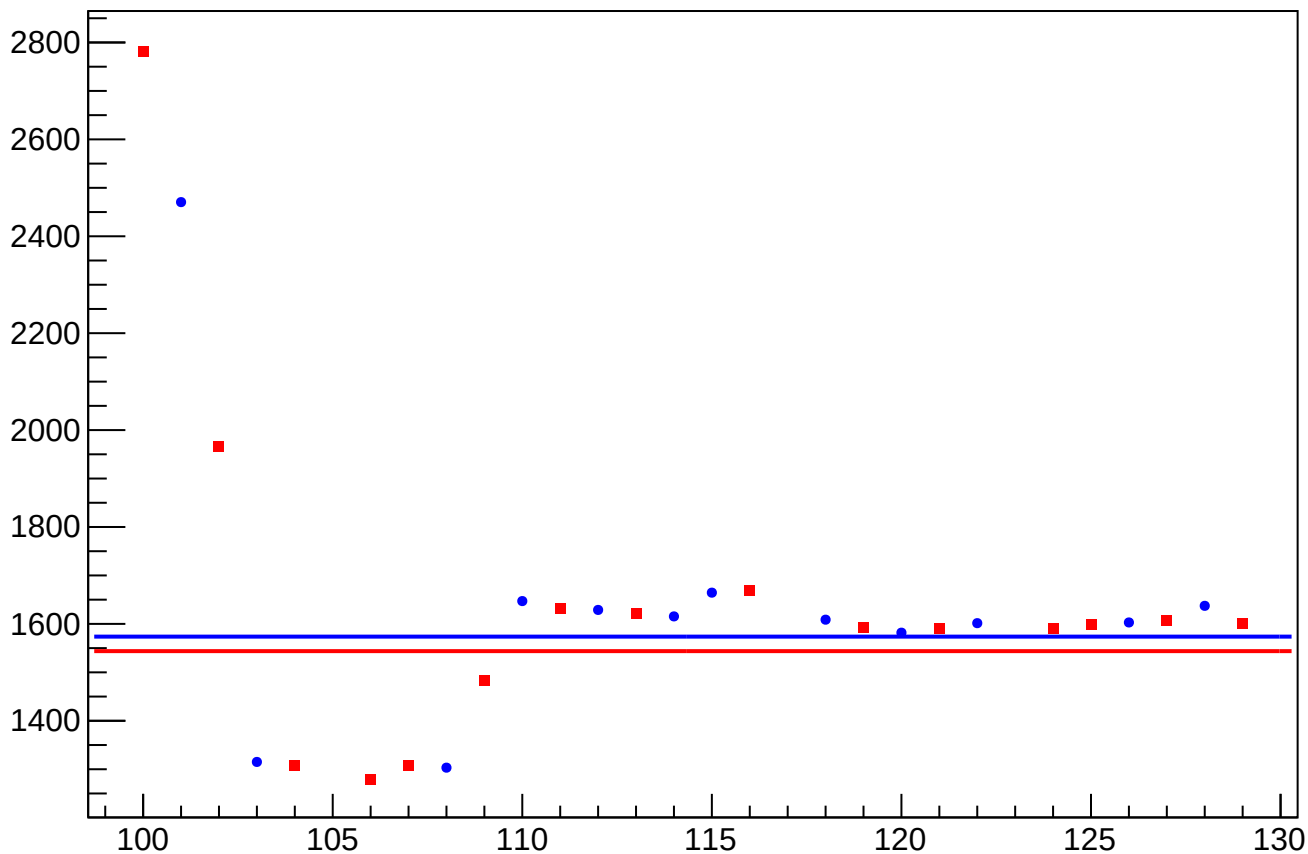
Right: 2670.467+/-479.588 χ^2/NDF : 19.3/26

In: 3393.337+/-712.022 χ^2/NDF : 7.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2670.467+/-479.588 χ^2/NDF : 19.3/26

eigen_cor_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1573.727+/-0.503 χ^2/NDF : 260371.4/11

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

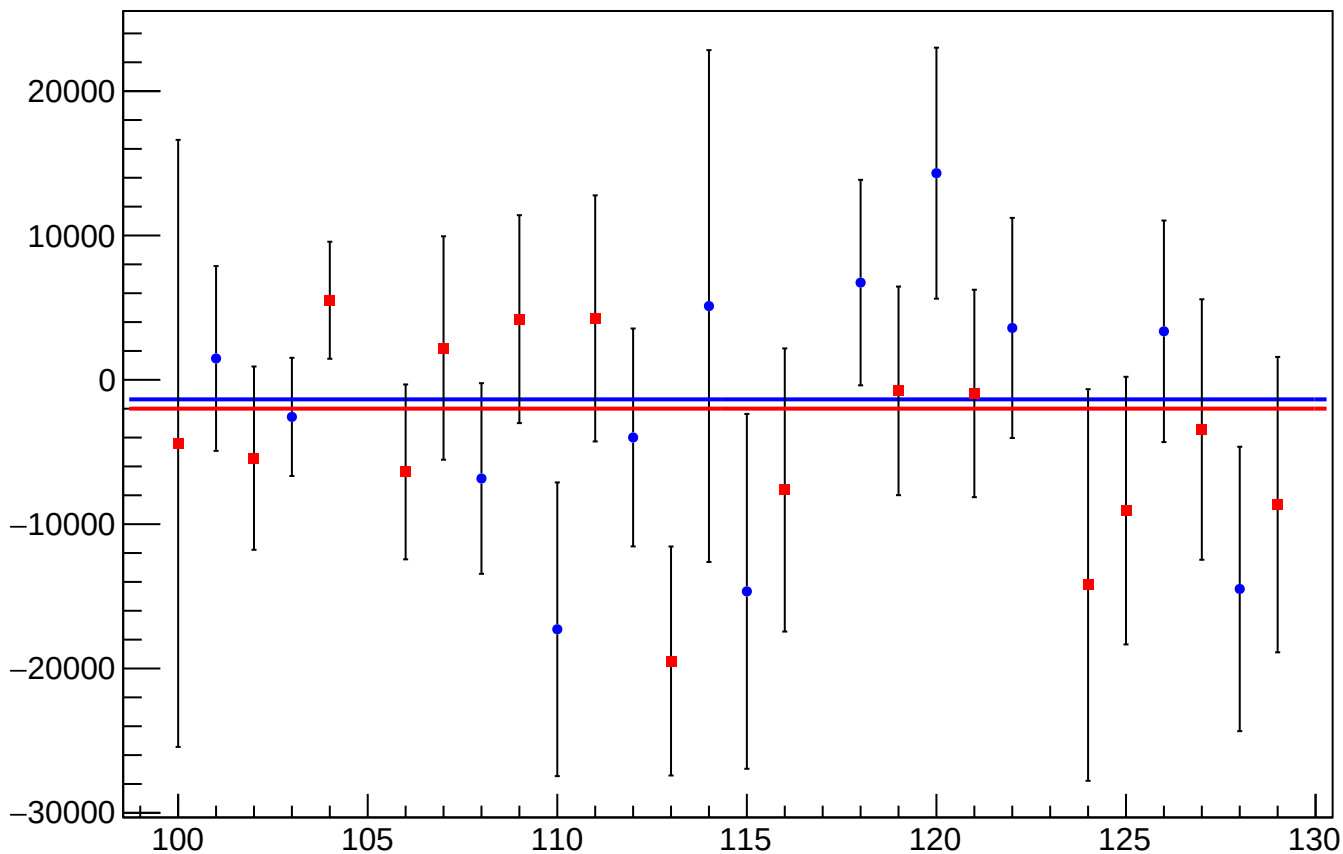
Right: 1557.292+/-0.338 χ^2/NDF : 430933.5/26

In: 1573.727+/-0.503 χ^2/NDF : 260371.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1557.292+/-0.338 χ^2/NDF : 430933.5/26

asym_usr_atr2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1353.791+/-2125.148 χ^2/NDF : 12.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

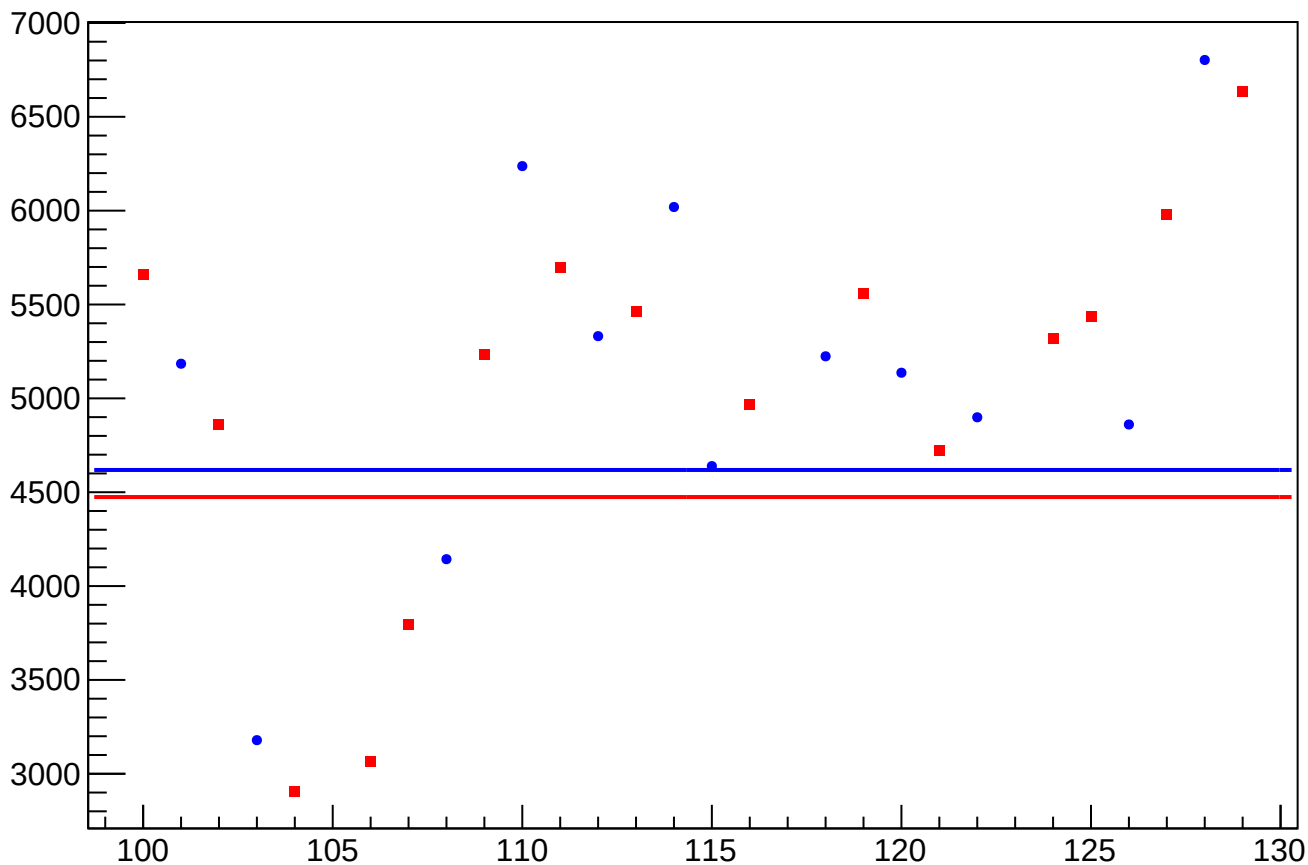
Right: -1705.716+/-1428.571 χ^2/NDF : 24.9/26

In: -1353.791+/-2125.148 χ^2/NDF : 12.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1705.716+/-1428.571 χ^2/NDF : 24.9/26

asym_usr_atr2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4618.532+/-1.503 χ^2/NDF : 478770.3/11

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

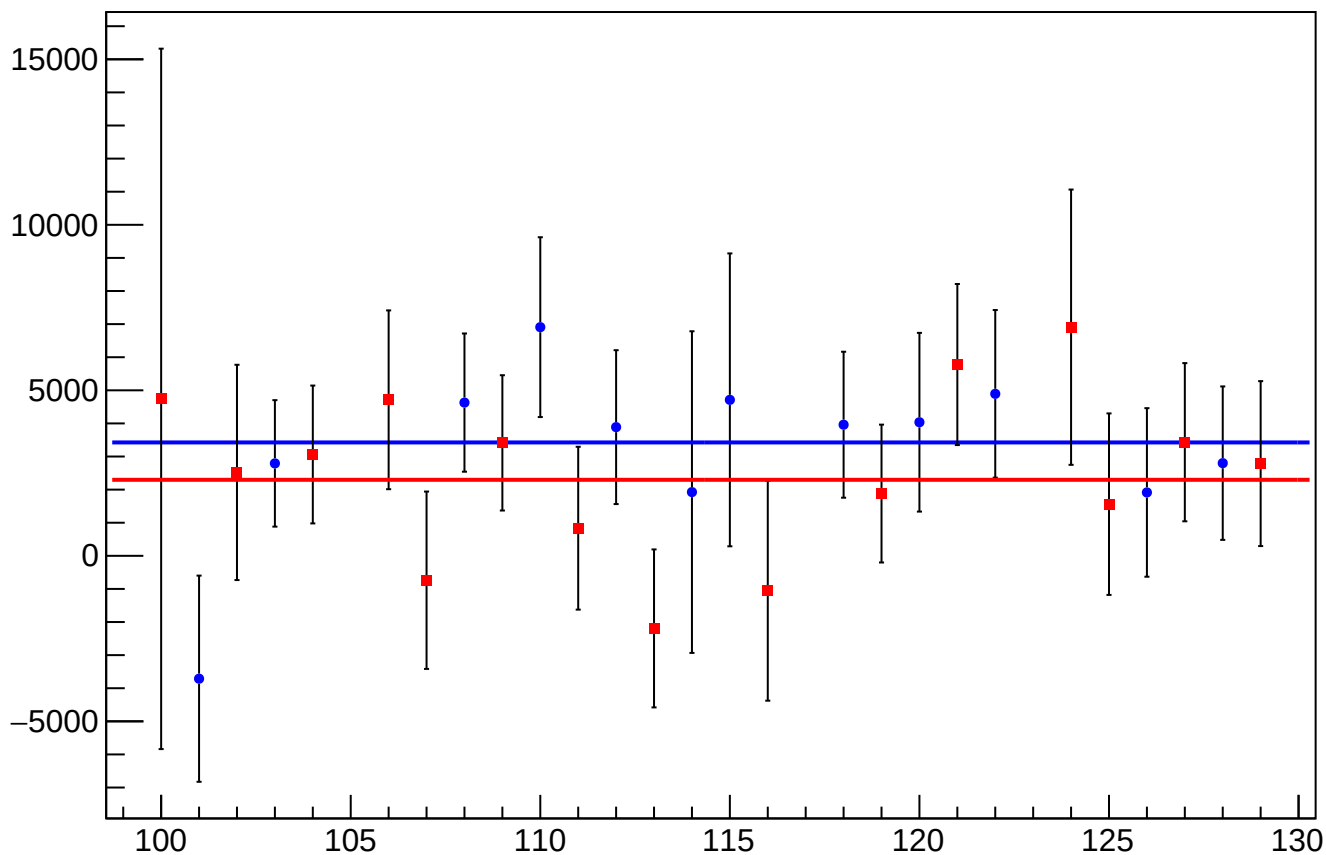
Right: 4539.491+/-1.010 χ^2/NDF : 1241275.0/26

In: 4618.532+/-1.503 χ^2/NDF : 478770.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4539.491+/-1.010 χ^2/NDF : 1241275.0/26

dit_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3425.375+/-733.275 χ^2/NDF : 8.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

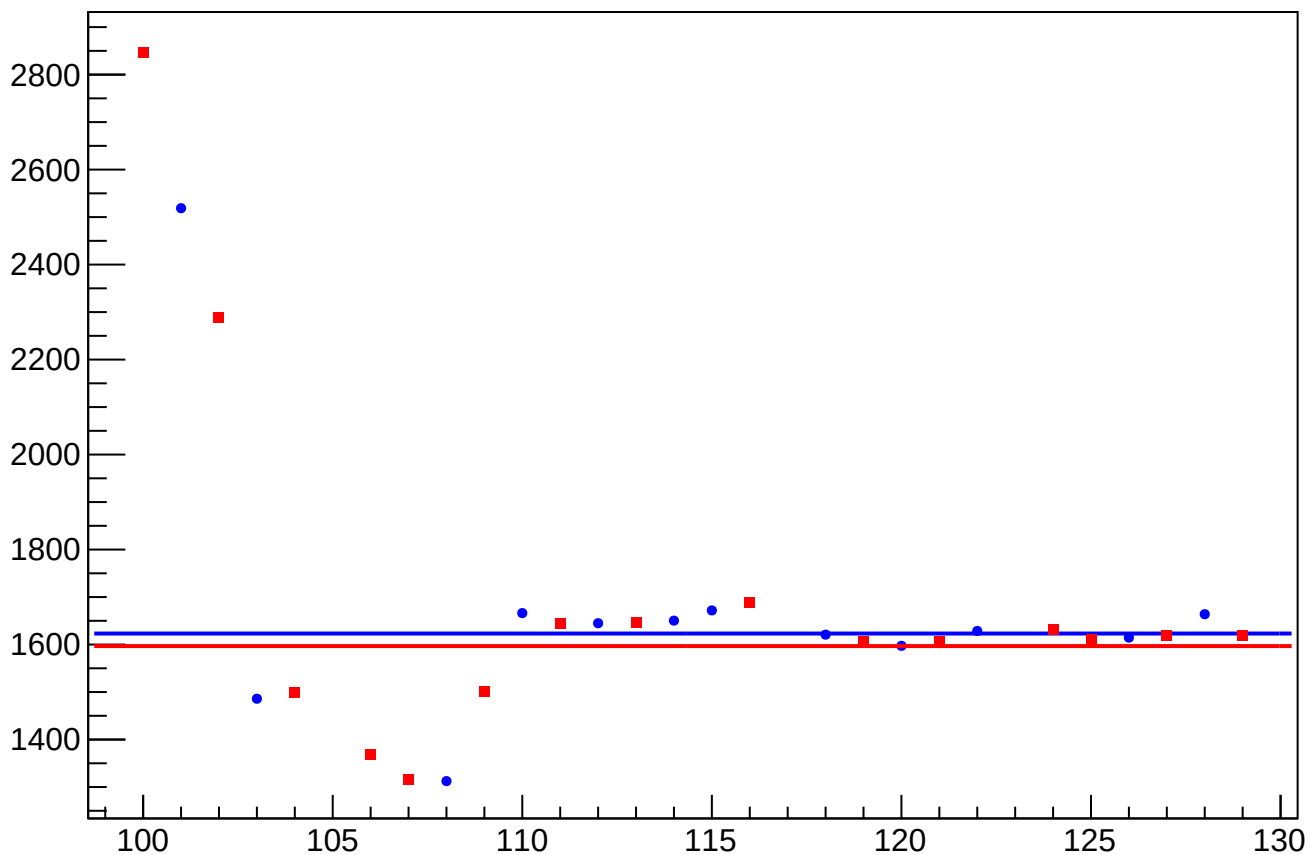
Right: 2812.730+/-495.810 χ^2/NDF : 20.9/26

In: 3425.375+/-733.275 χ^2/NDF : 8.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2812.730+/-495.810 χ^2/NDF : 20.9/26

dit_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1623.192+/-0.519 χ^2/NDF : 221802.3/11

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

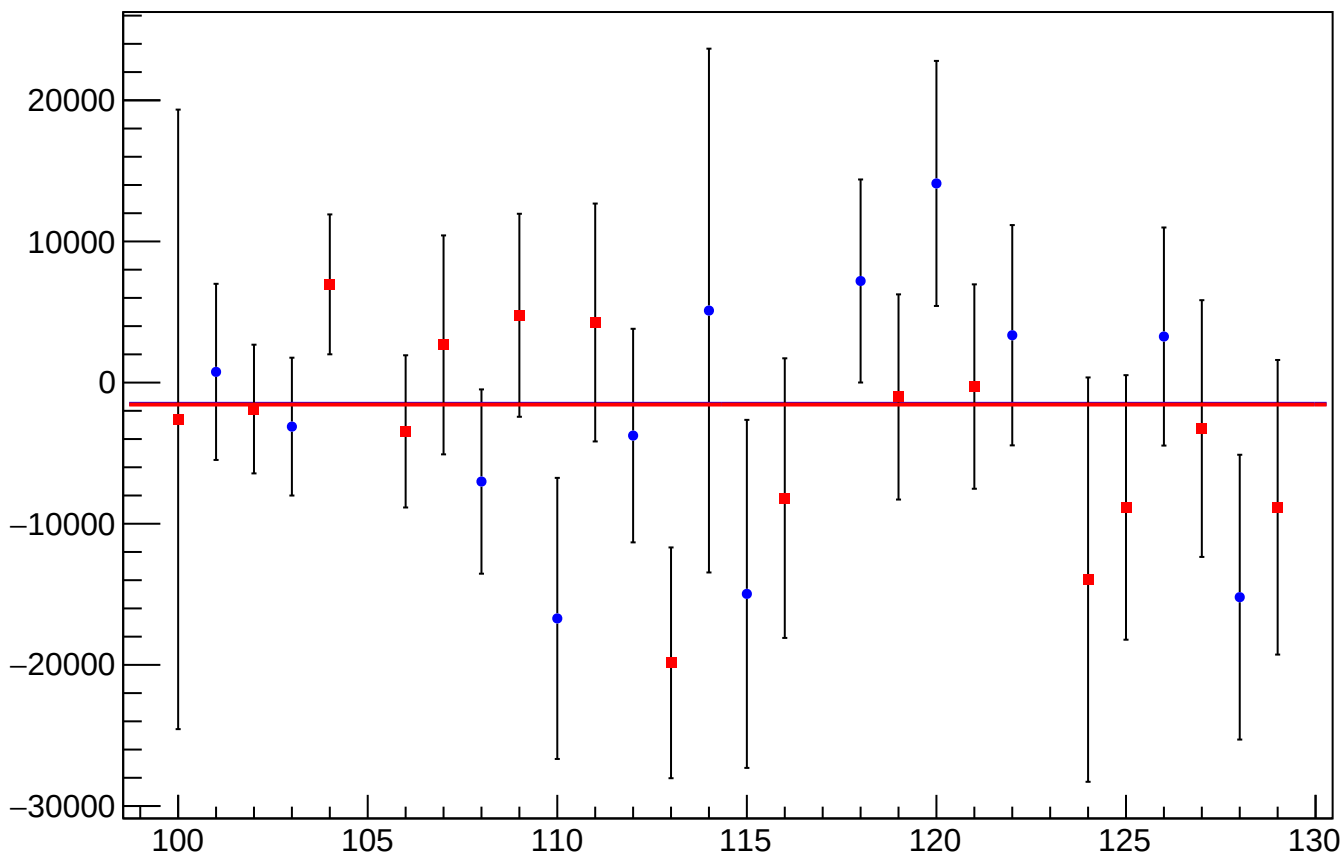
Right: 1608.845+/-0.350 χ^2/NDF : 390829.8/26

In: 1623.192+/-0.519 χ^2/NDF : 221802.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1608.845+/-0.350 χ^2/NDF : 390829.8/26

asym_usr_atr2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1506.151+/-2215.556 χ^2/NDF : 12.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

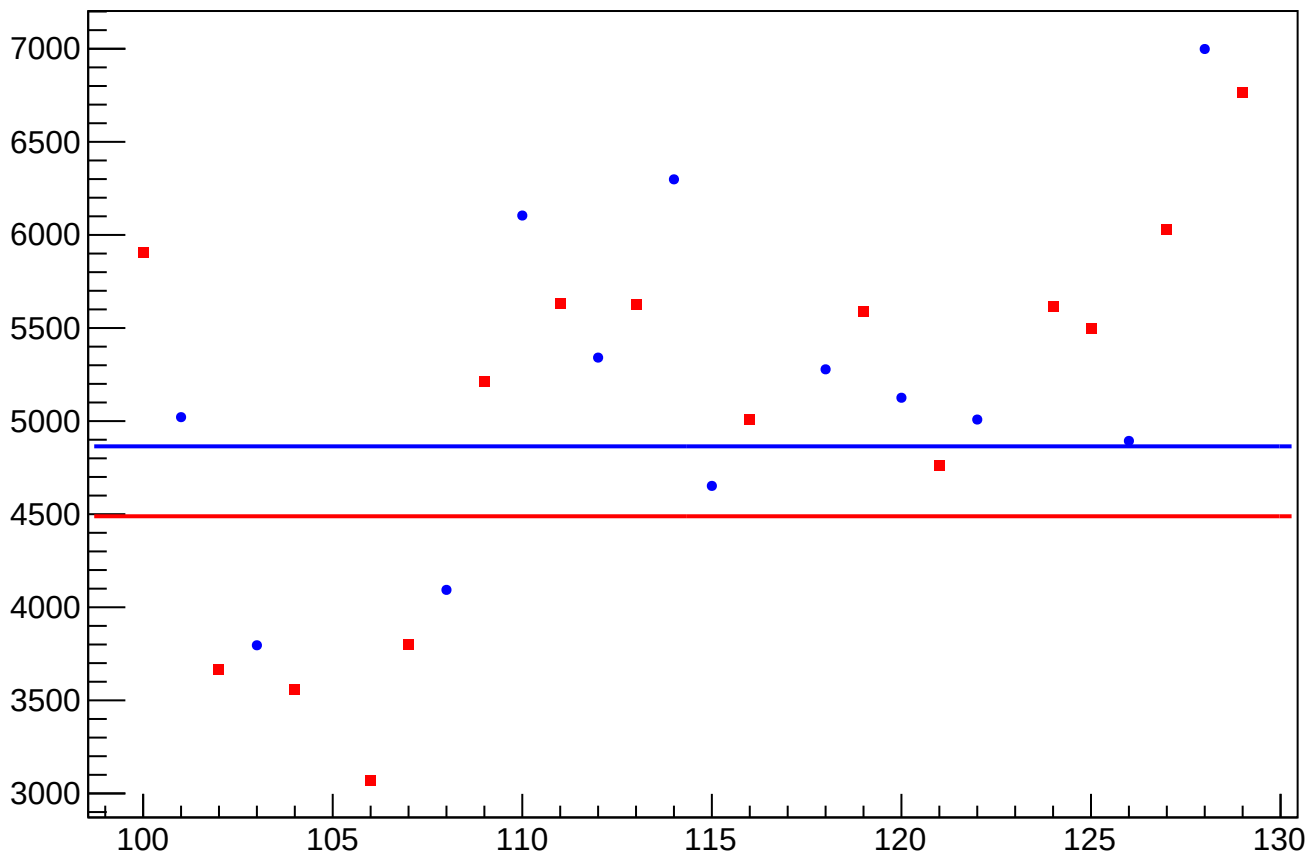
Right: -1533.521+/-1443.778 χ^2/NDF : 24.0/26

In: -1506.151+/-2215.556 χ^2/NDF : 12.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1533.521+/-1443.778 χ^2/NDF : 24.0/26

asym_usr_atr2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4864.447+/-1.567 χ^2/NDF : 275055.7/11

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

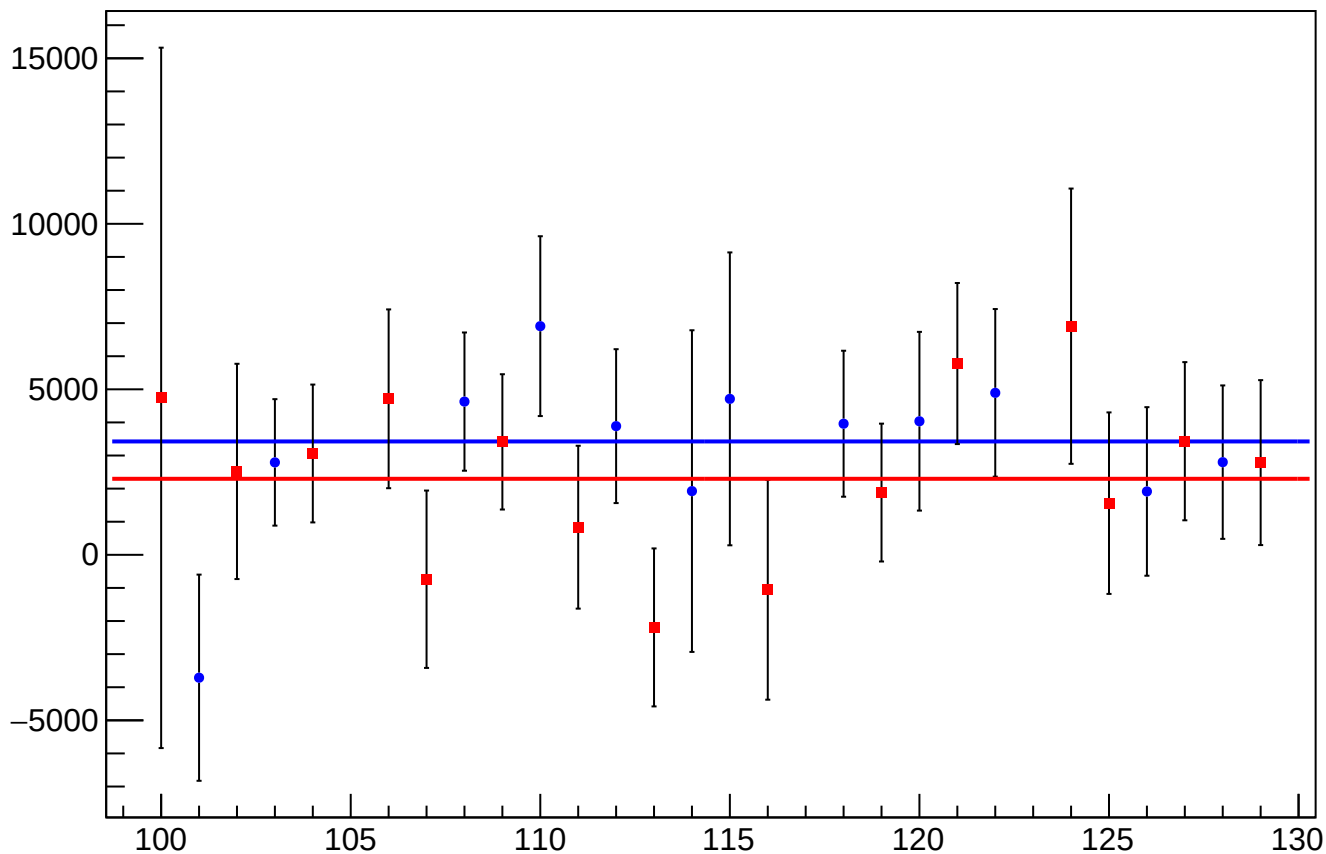
Right: 4648.352+/-1.021 χ^2/NDF : 944665.6/26

In: 4864.447+/-1.567 χ^2/NDF : 275055.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4648.352+/-1.021 χ^2/NDF : 944665.6/26

eigen_dit_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3425.380+/-733.275 χ^2/NDF : 8.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

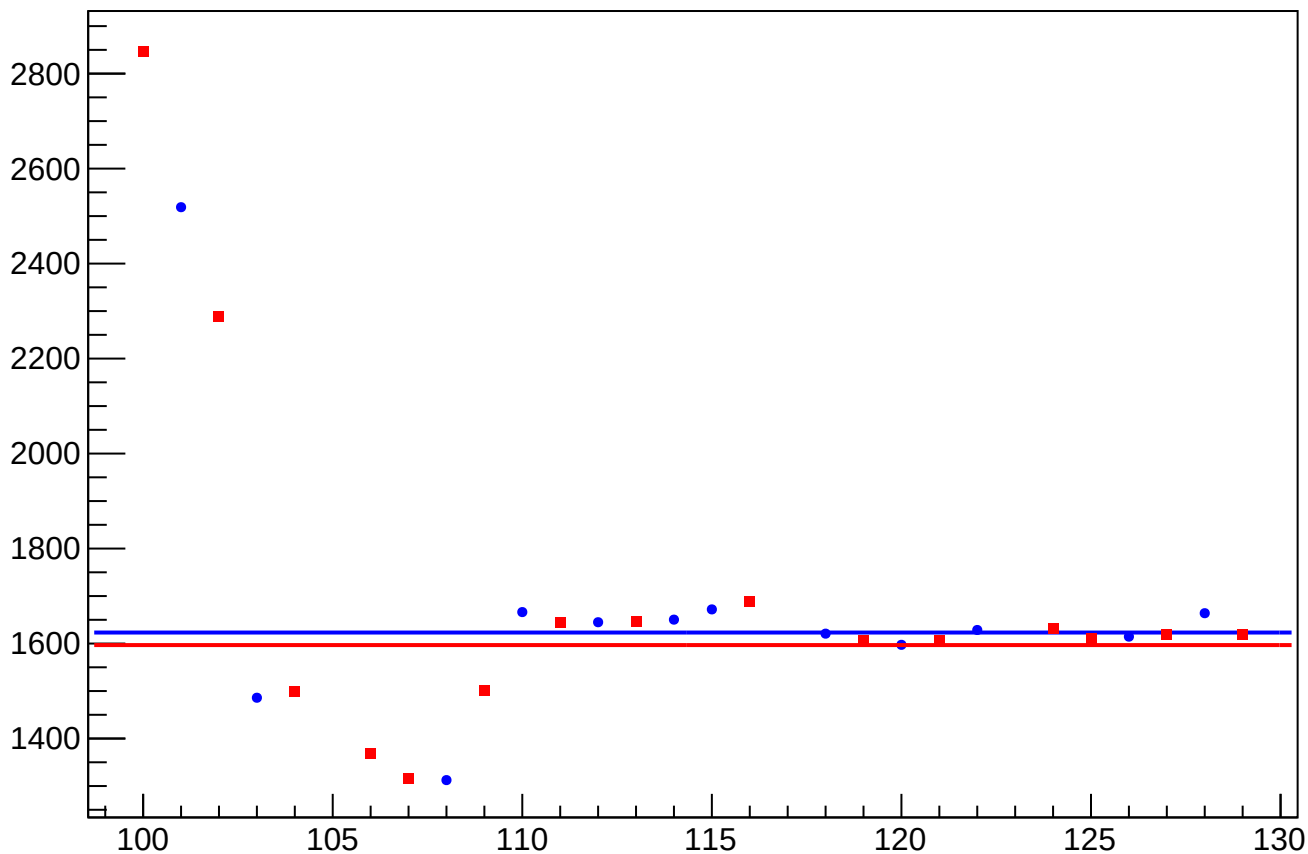
Right: 2812.735+/-495.810 χ^2/NDF : 20.9/26

In: 3425.380+/-733.275 χ^2/NDF : 8.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2812.735+/-495.810 χ^2/NDF : 20.9/26

eigen_dit_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1623.192+/-0.519 χ^2/NDF : 221802.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

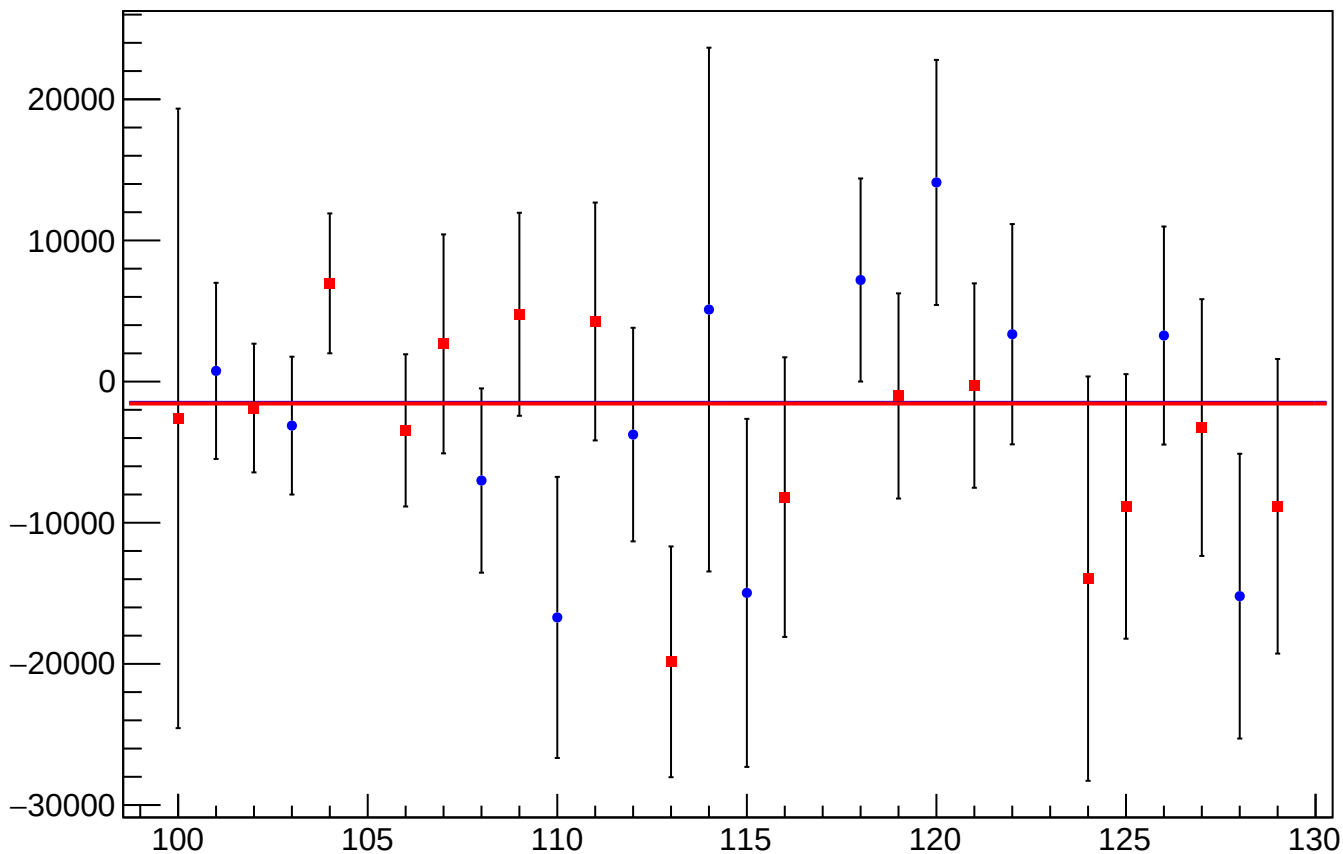
Right: 1608.844+/-0.350 χ^2/NDF : 390829.7/26

In: 1623.192+/-0.519 χ^2/NDF : 221802.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1608.844+/-0.350 χ^2/NDF : 390829.7/26

asym_usr_atr2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1506.144+/-2215.550 χ^2/NDF : 12.0/11

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

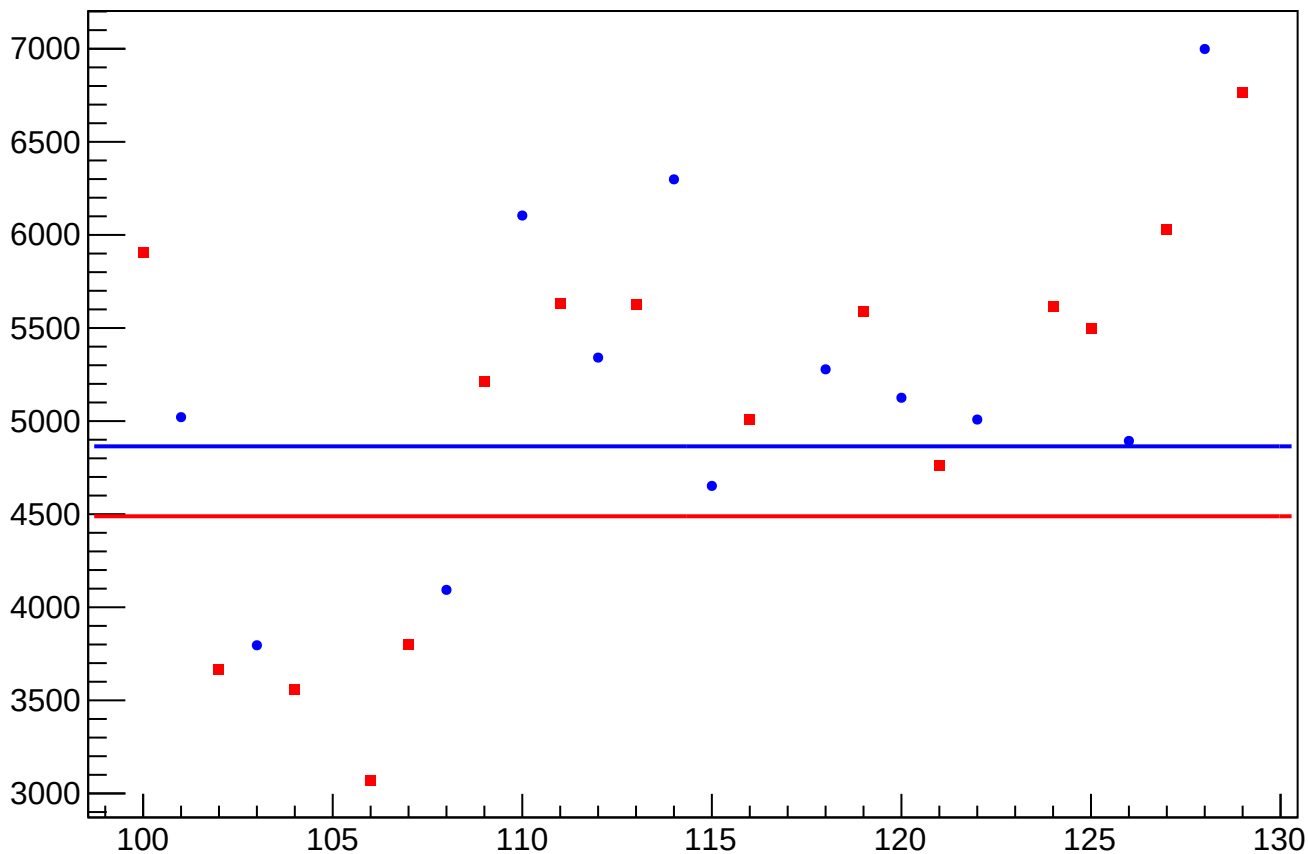
Right: -1533.517+/-1443.775 χ^2/NDF : 24.0/26

In: -1506.144+/-2215.550 χ^2/NDF : 12.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1533.517+/-1443.775 χ^2/NDF : 24.0/26

asym_usr_atr2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4864.437+/-1.567 χ^2/NDF : 275051.3/11

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

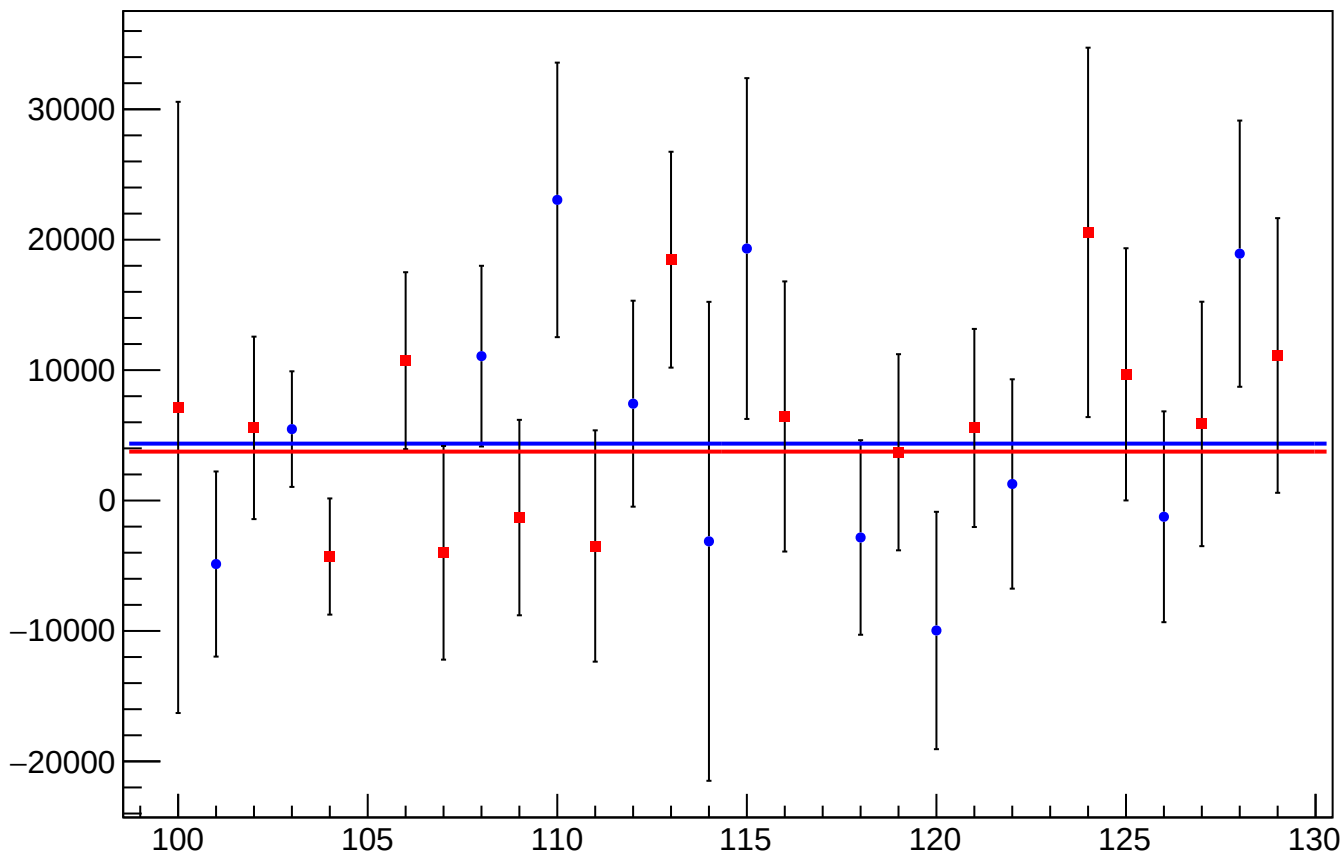
Right: 4648.343+/-1.021 χ^2/NDF : 944655.6/26

In: 4864.437+/-1.567 χ^2/NDF : 275051.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4648.343+/-1.021 χ^2/NDF : 944655.6/26

asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 4363.605+/-2258.973 χ^2/NDF : 13.5/11

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

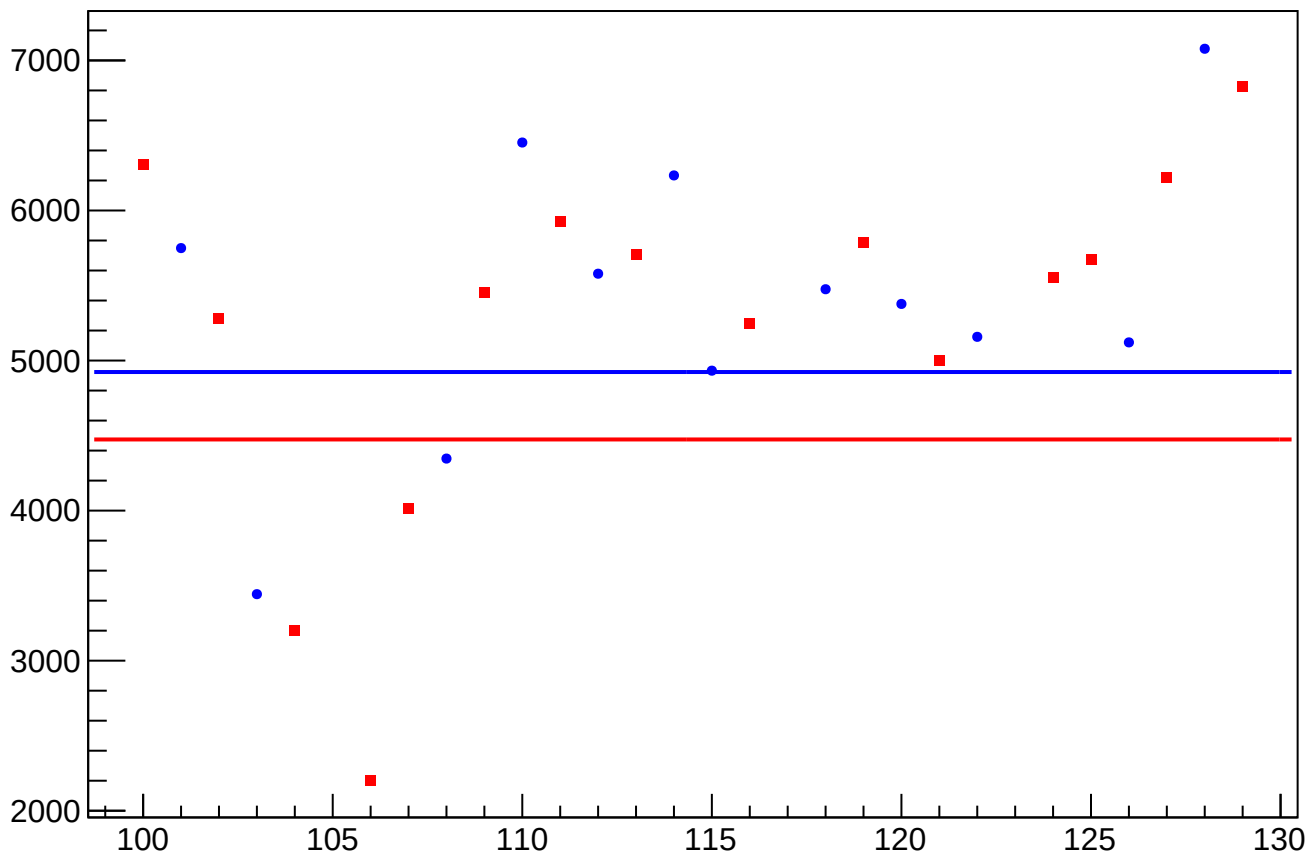
Right: 4029.822+/-1523.558 χ^2/NDF : 25.6/26

In: 4363.605+/-2258.973 χ^2/NDF : 13.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4029.822+/-1523.558 χ^2/NDF : 25.6/26

asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 4923.575+/-1.597 χ^2/NDF : 438191.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

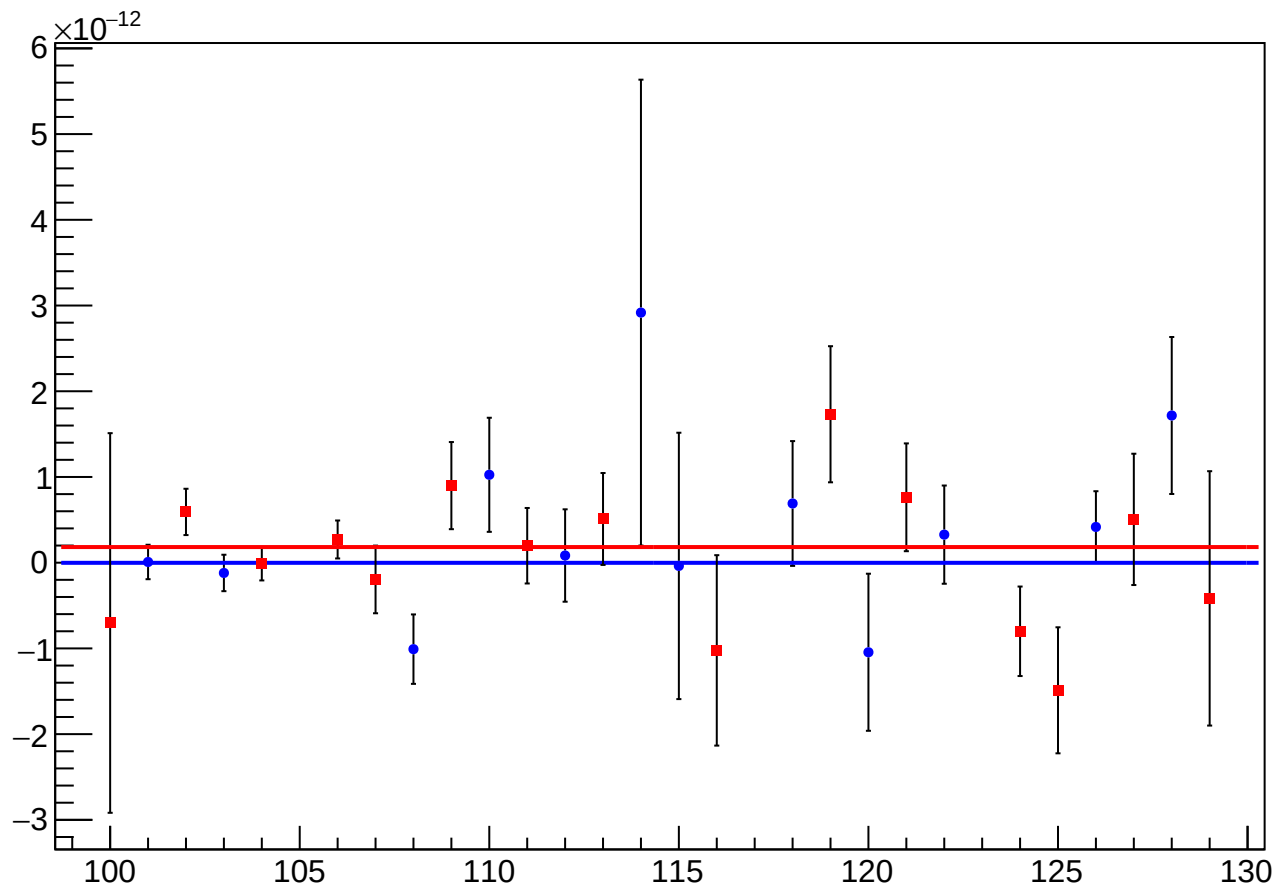
Right: 4668.261+/-1.050 χ^2/NDF : 1578698.8/26

In: 4923.575+/-1.597 χ^2/NDF : 438191.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4668.261+/-1.050 χ^2/NDF : 1578698.8/26

asym_usr_atr2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 17.1/11

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

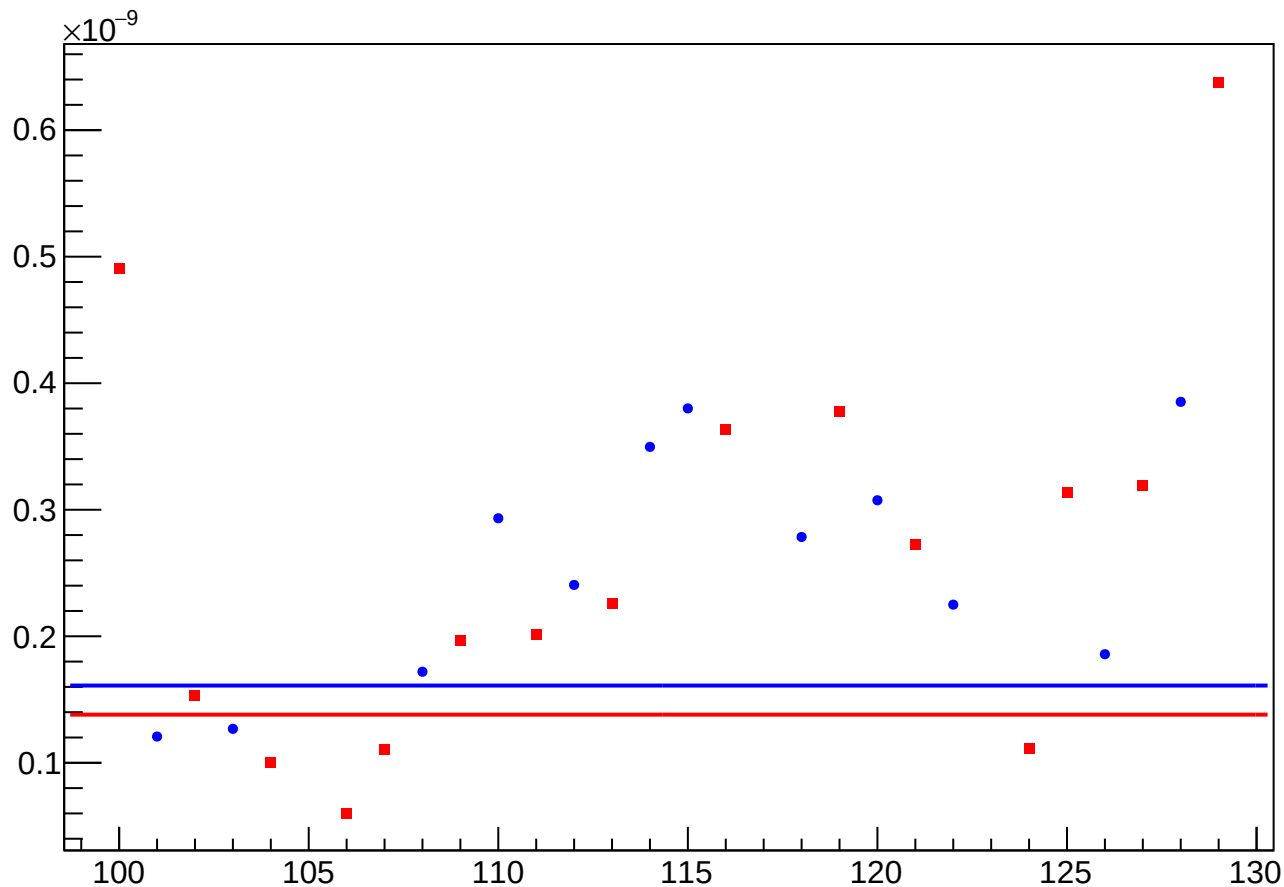
Right: 0.000+/-0.000 χ^2/NDF : 40.3/26

In: -0.000+/-0.000 χ^2/NDF : 17.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 40.3/26

asym_usr_atr2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 560680.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

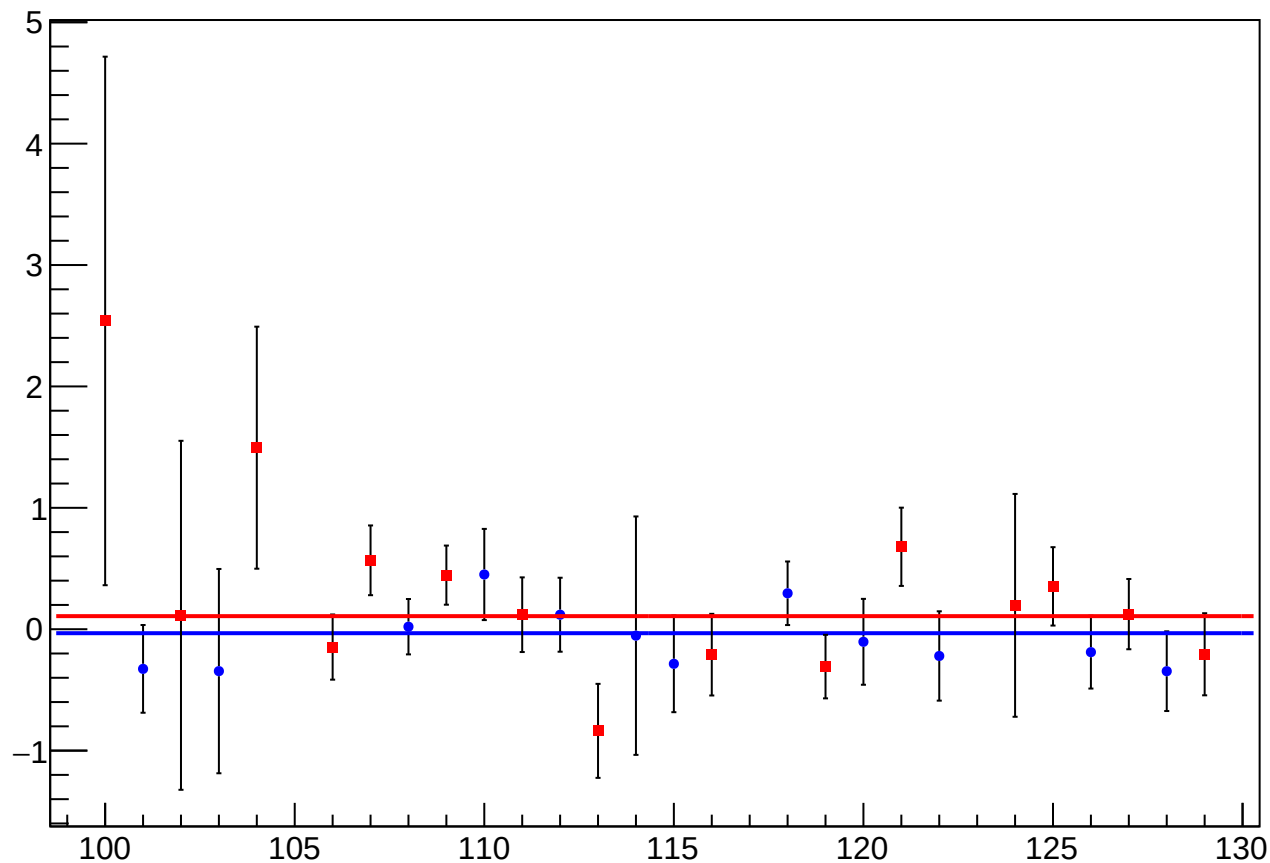
Right: 0.000+/-0.000 χ^2/NDF : 1935621.2/26

In: 0.000+/-0.000 χ^2/NDF : 560680.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1935621.2/26

asym_usr_atr2_avg_dit_vs_Slug, Sign Corrected



Right In: -0.033 ± 0.098 χ^2/NDF : 6.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.108 ± 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

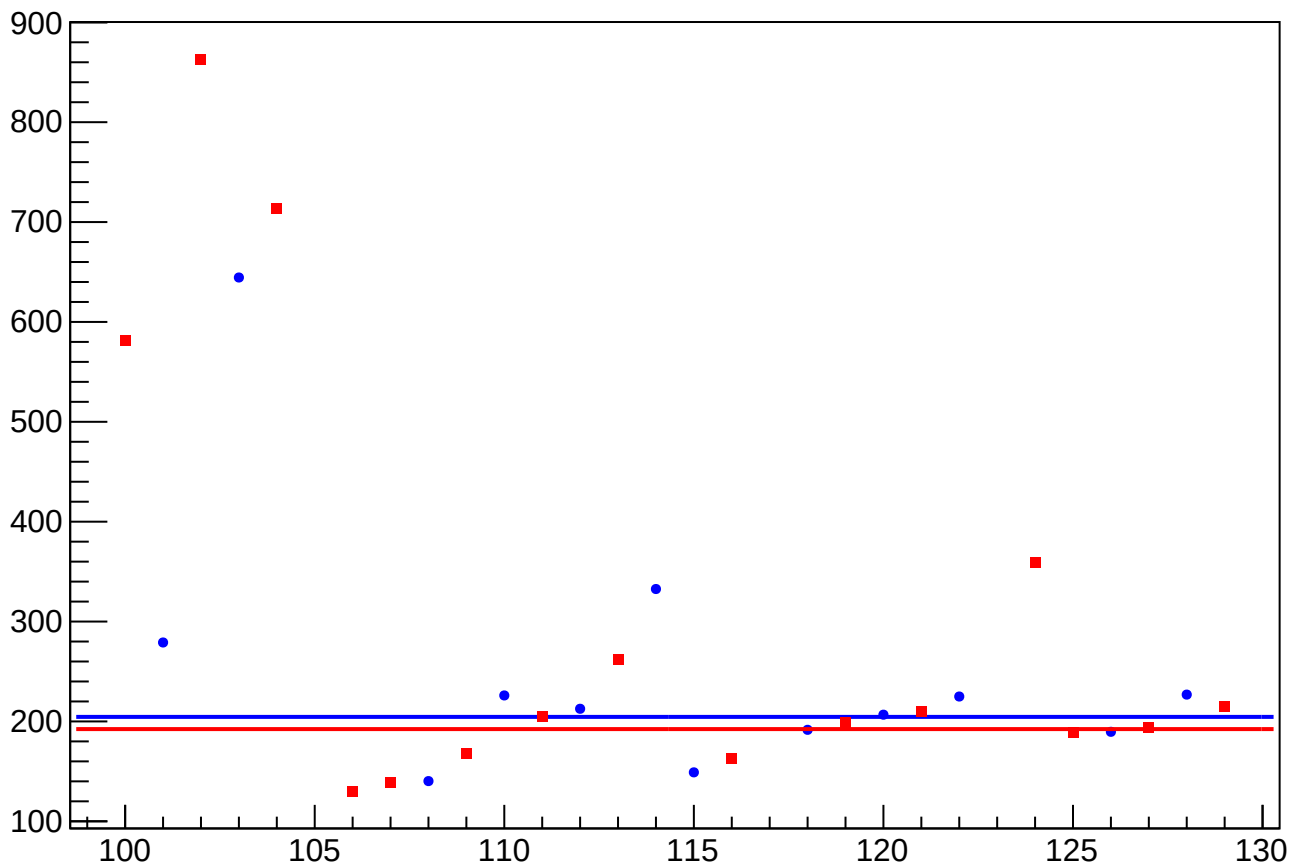
Right: 0.044 ± 0.066 χ^2/NDF : 29.9/26

In: -0.033 ± 0.098 χ^2/NDF : 6.2/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.044 ± 0.066 χ^2/NDF : 29.9/26

asym_usr_atr2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 204.544+/-0.069 χ^2/NDF : 896648.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

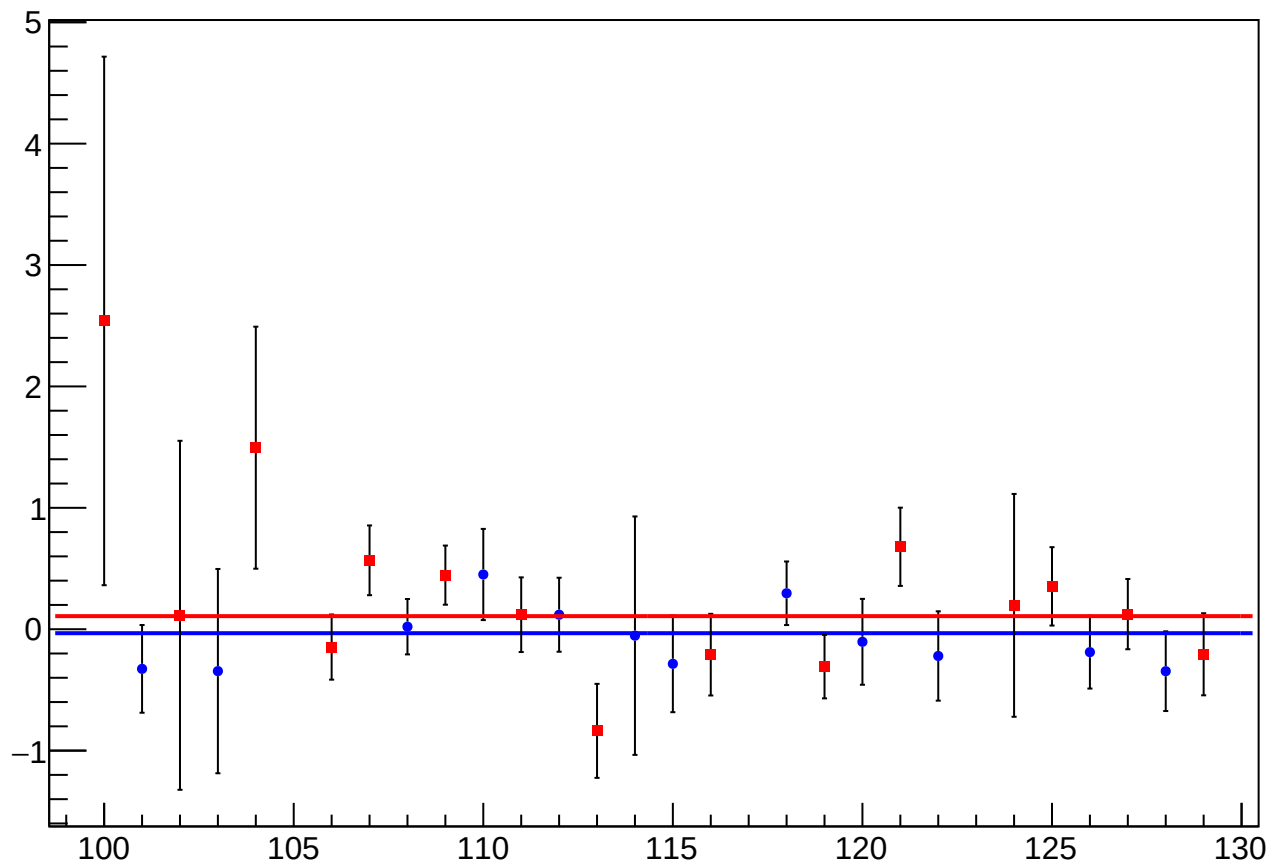
Right: 197.840+/-0.047 χ^2/NDF : 2321495.1/26

In: 204.544+/-0.069 χ^2/NDF : 896648.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 197.840+/-0.047 χ^2/NDF : 2321495.1/26

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.033+/-0.098 χ^2/NDF : 6.2/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.108+/-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

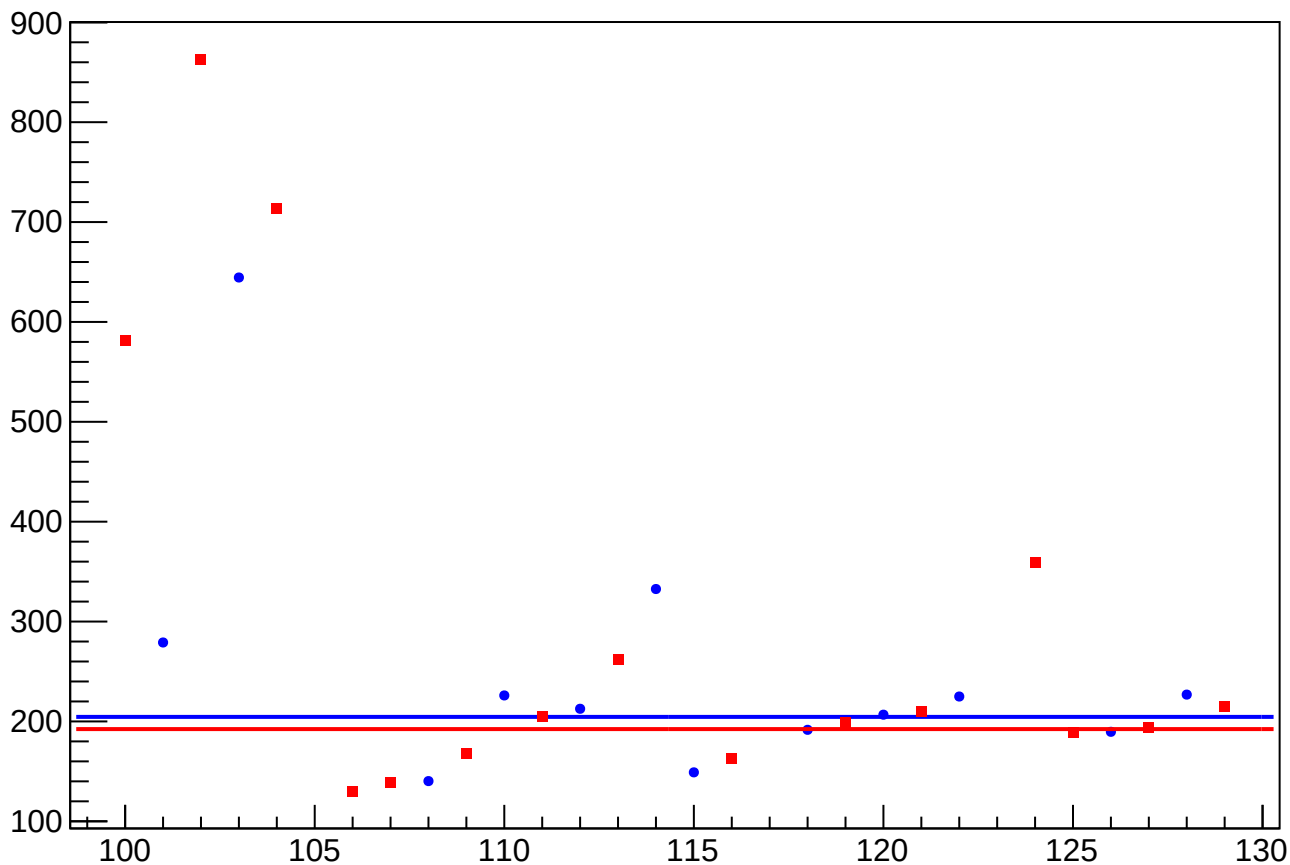
Right: 0.044+/-0.066 χ^2/NDF : 29.9/26

In: -0.033+/-0.098 χ^2/NDF :6.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.044+/-0.066 χ^2/NDF : 29.9/26

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 204.544+/-0.069 χ^2/NDF : 896648.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

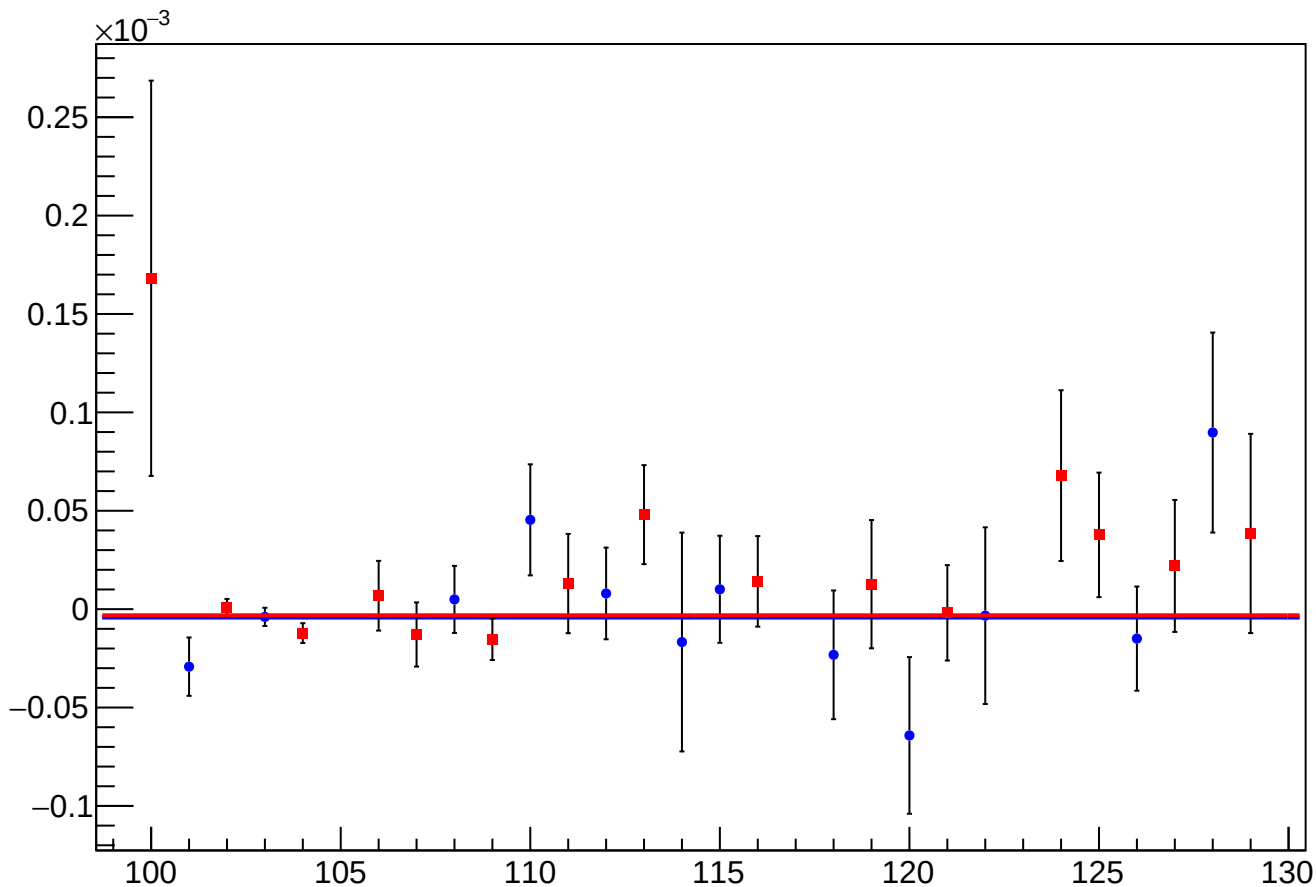
Right: 197.840+/-0.047 χ^2/NDF : 2321495.1/26

In: 204.544+/-0.069 χ^2/NDF : 896648.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 197.840+/-0.047 χ^2/NDF : 2321495.1/26

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 19.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

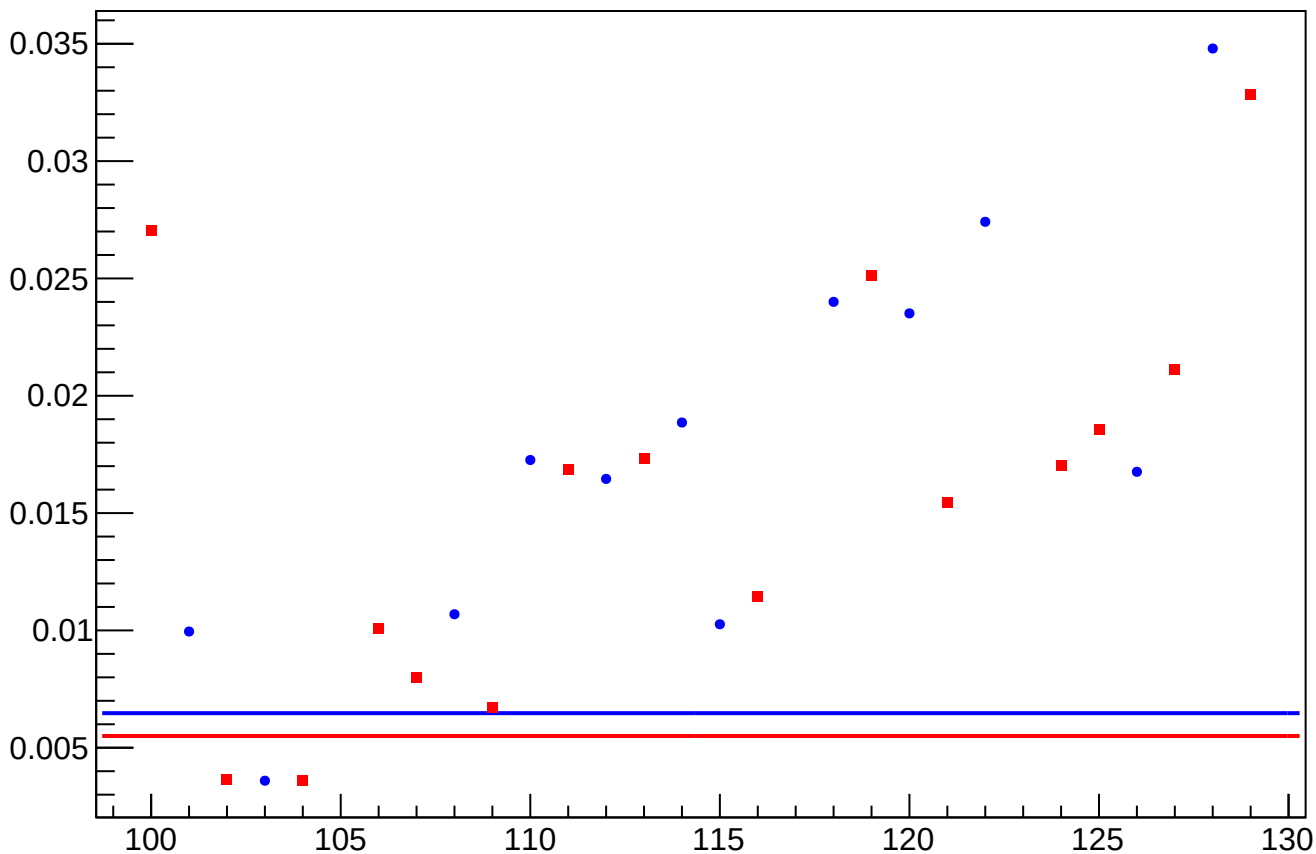
Right: -0.000+/-0.000 χ^2/NDF : 32.8/26

In: -0.000+/-0.000 χ^2/NDF : 13.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.8/26

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 4104650.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-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

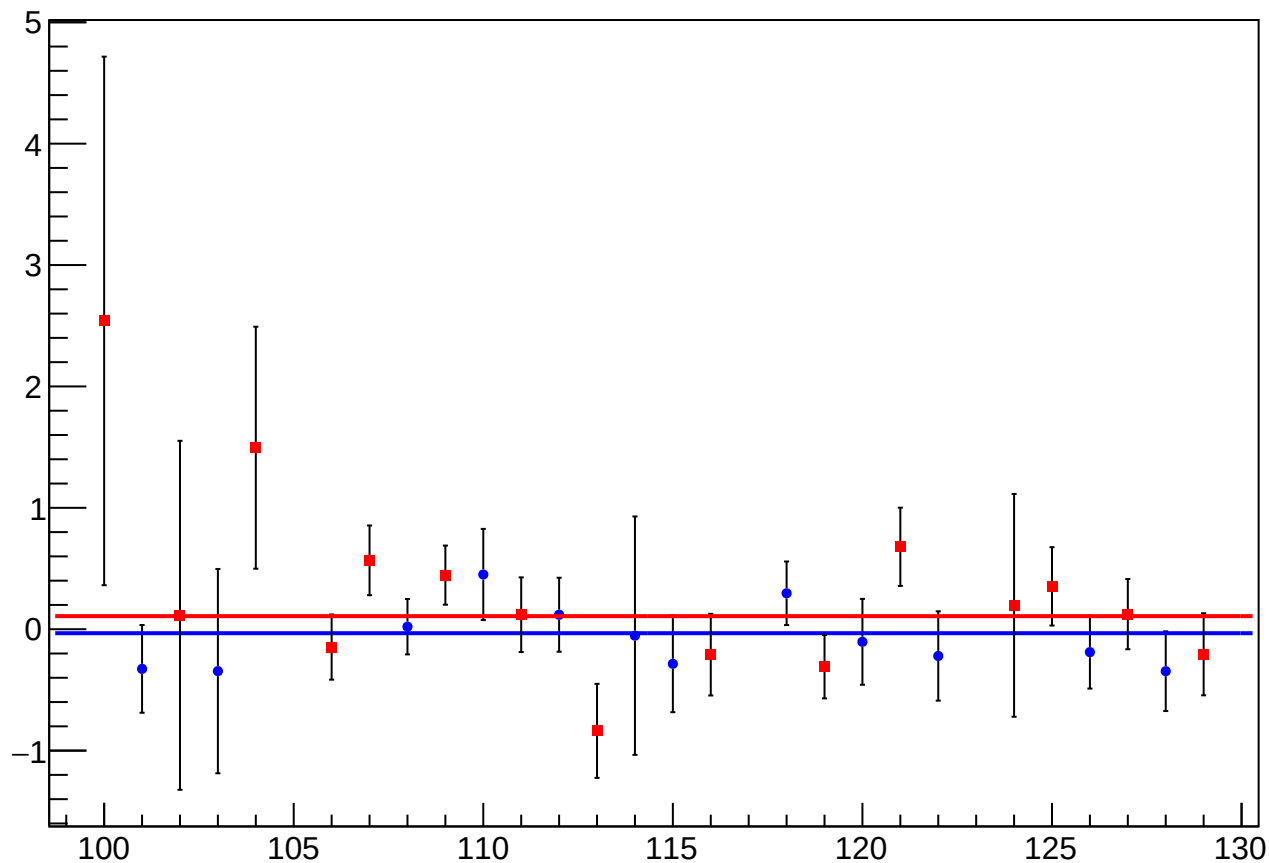
Right: 0.006+/-0.000 χ^2/NDF : 8630712.4/26

In: 0.006+/-0.000 χ^2/NDF : 4104650.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 8630712.4/26

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.033+/-0.098 χ^2/NDF : 6.2/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.108+/-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

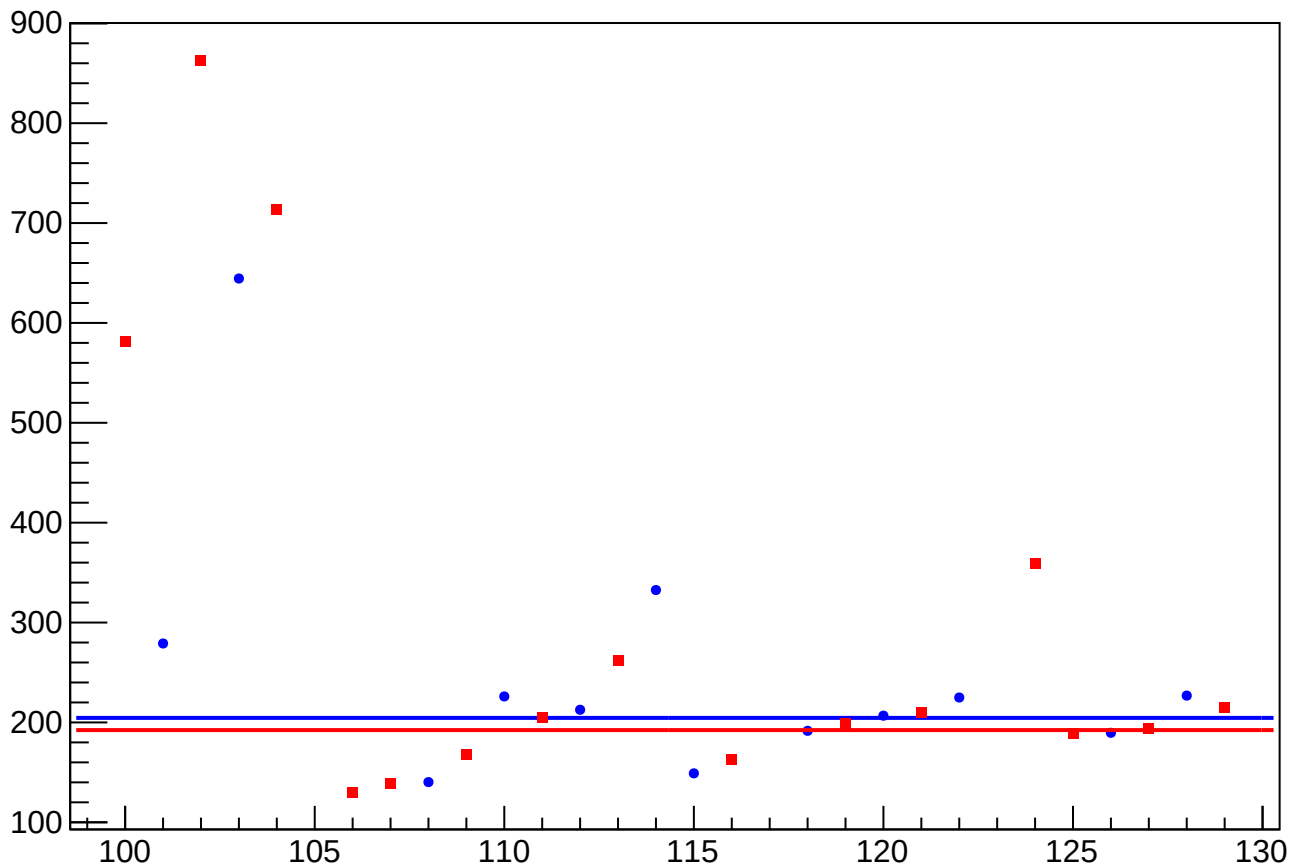
Right: 0.044+/-0.066 χ^2/NDF : 29.9/26

In: -0.033+/-0.098 χ^2/NDF :6.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.044+/-0.066 χ^2/NDF : 29.9/26

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 204.542 $\pm$ 0.069 χ^2 /NDF: 896653.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 192.329 $\pm$ 0.063 χ^2 /NDF: 1407821.3/14

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

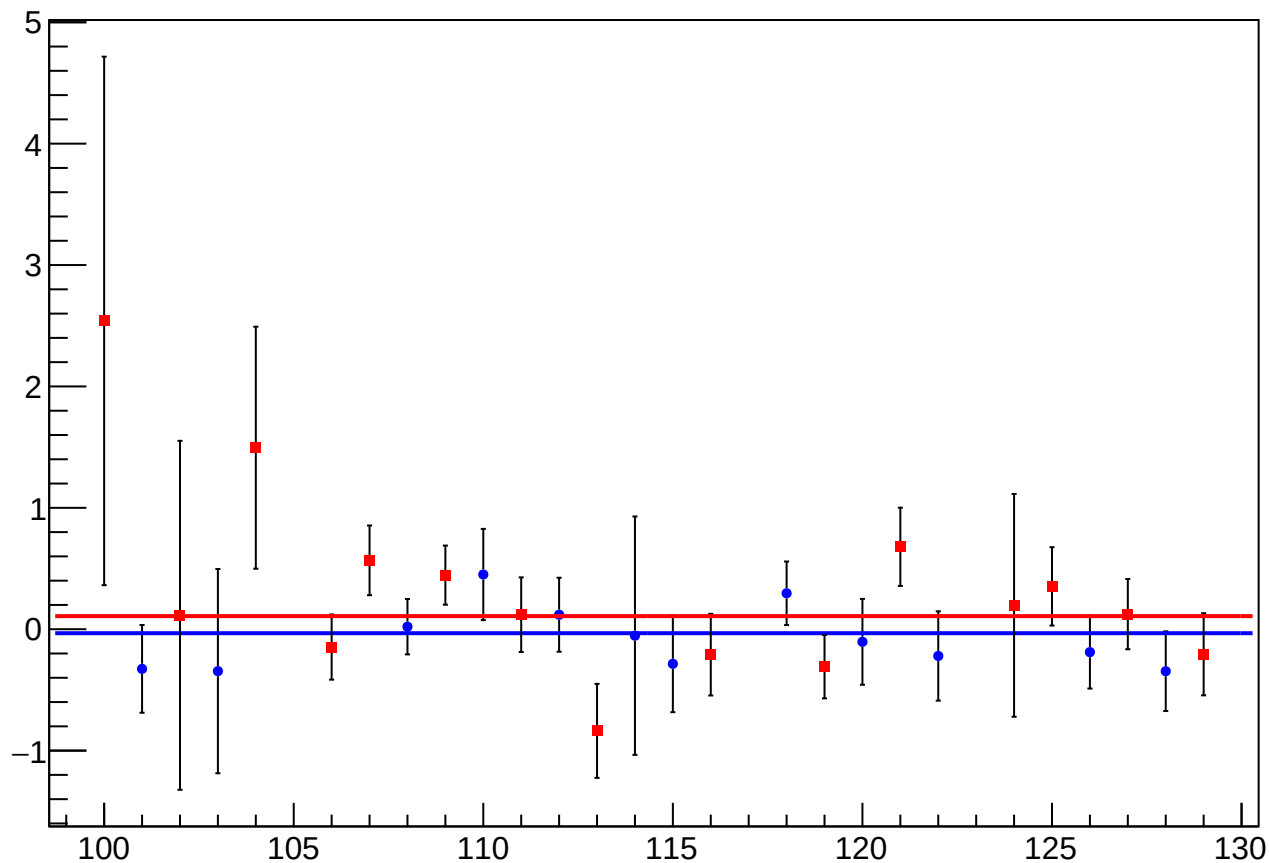
Right: 197.839 $\pm$ 0.047 χ^2 /NDF: 2321476.9/26

In: 204.542 $\pm$ 0.069 χ^2 /NDF:896653.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 197.839 $\pm$ 0.047 χ^2 /NDF: 2321476.9/26

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.033 ± 0.098 χ^2/NDF : 6.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.108 ± 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

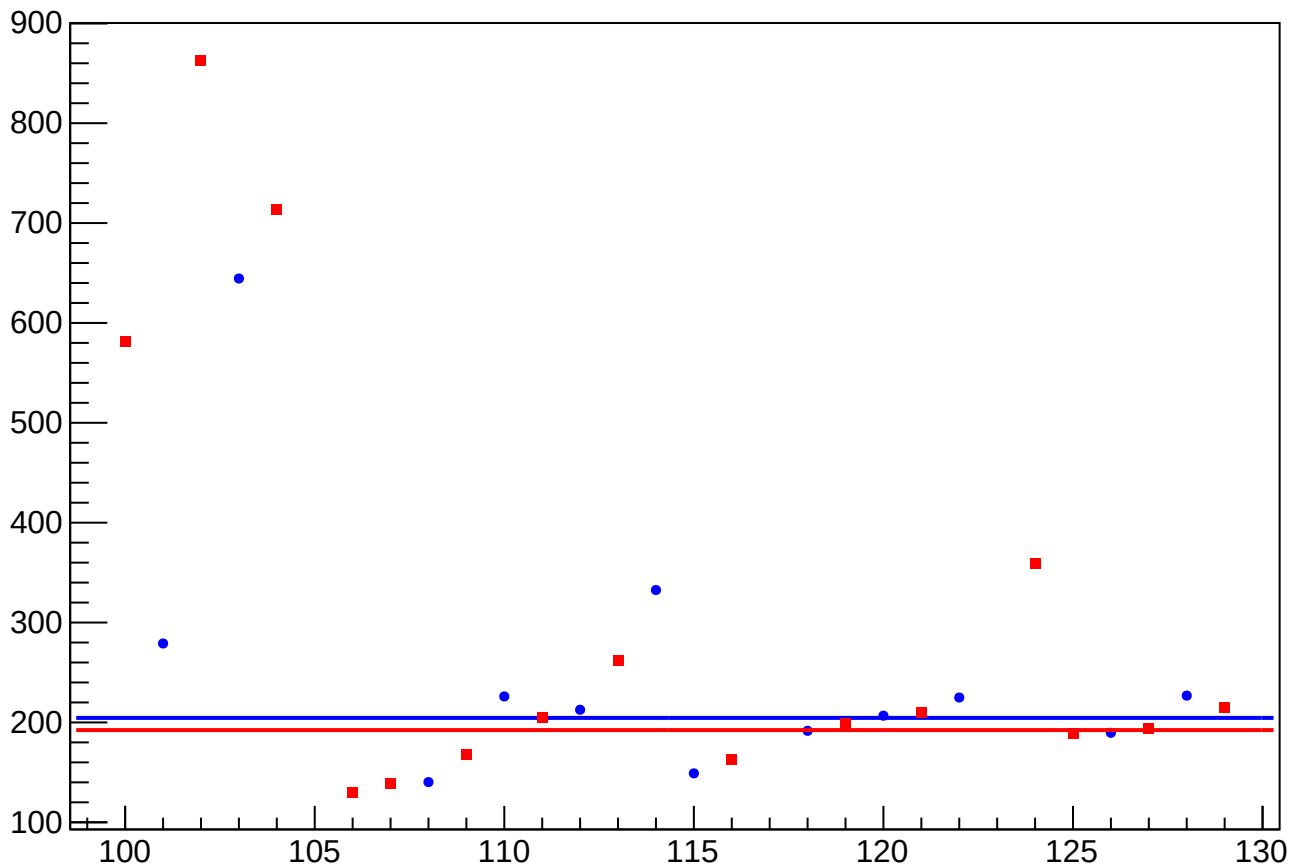
Right: 0.044 ± 0.066 χ^2/NDF : 29.9/26

In: -0.033 ± 0.098 χ^2/NDF : 6.2/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.044 ± 0.066 χ^2/NDF : 29.9/26

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 204.542 $\pm$ 0.069 χ^2 /NDF: 896653.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 192.329 $\pm$ 0.063 χ^2 /NDF: 1407821.3/14

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

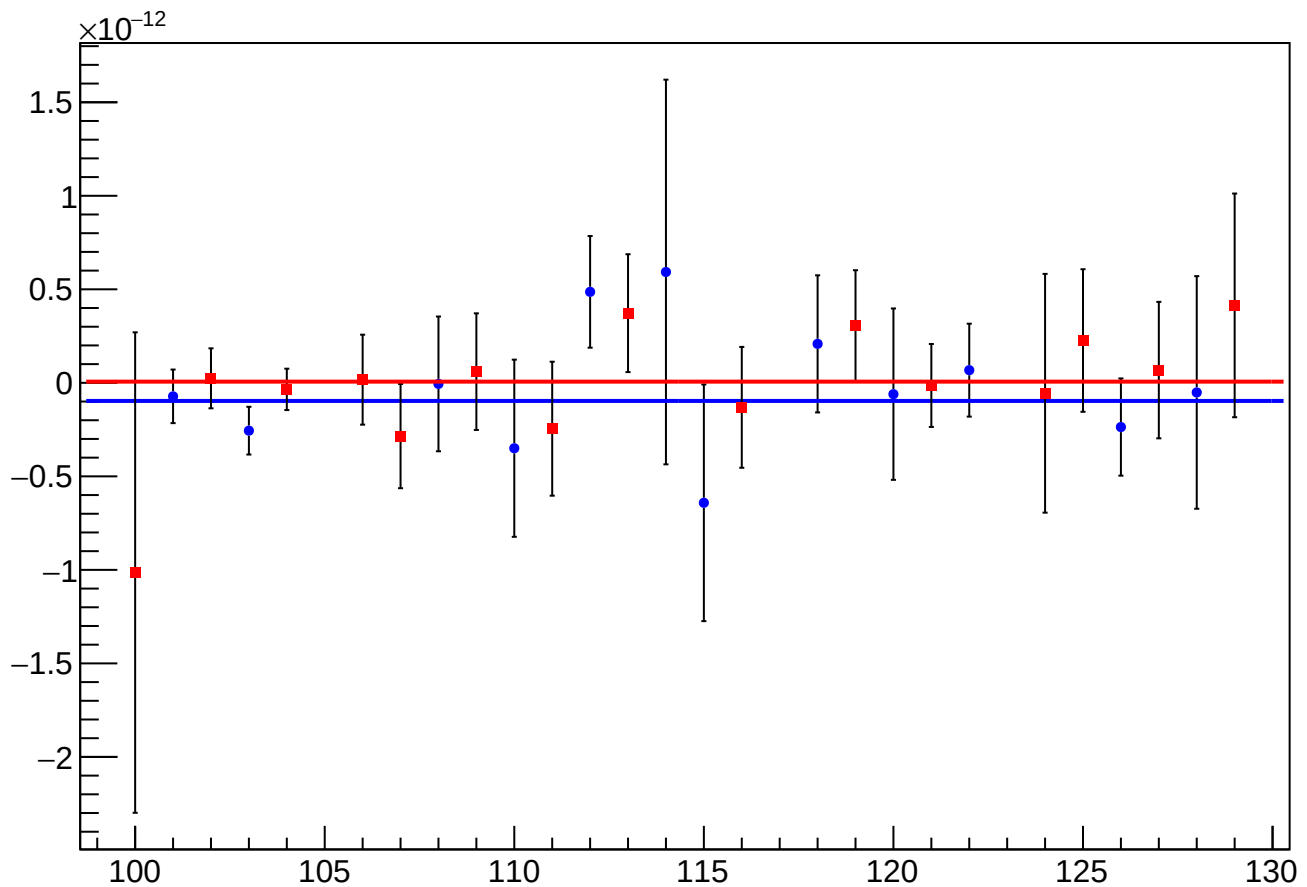
Right: 197.839 $\pm$ 0.047 χ^2 /NDF: 2321476.9/26

In: 204.542 $\pm$ 0.069 χ^2 /NDF:896653.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 197.839 $\pm$ 0.047 χ^2 /NDF: 2321476.9/26

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 8.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 5.8/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

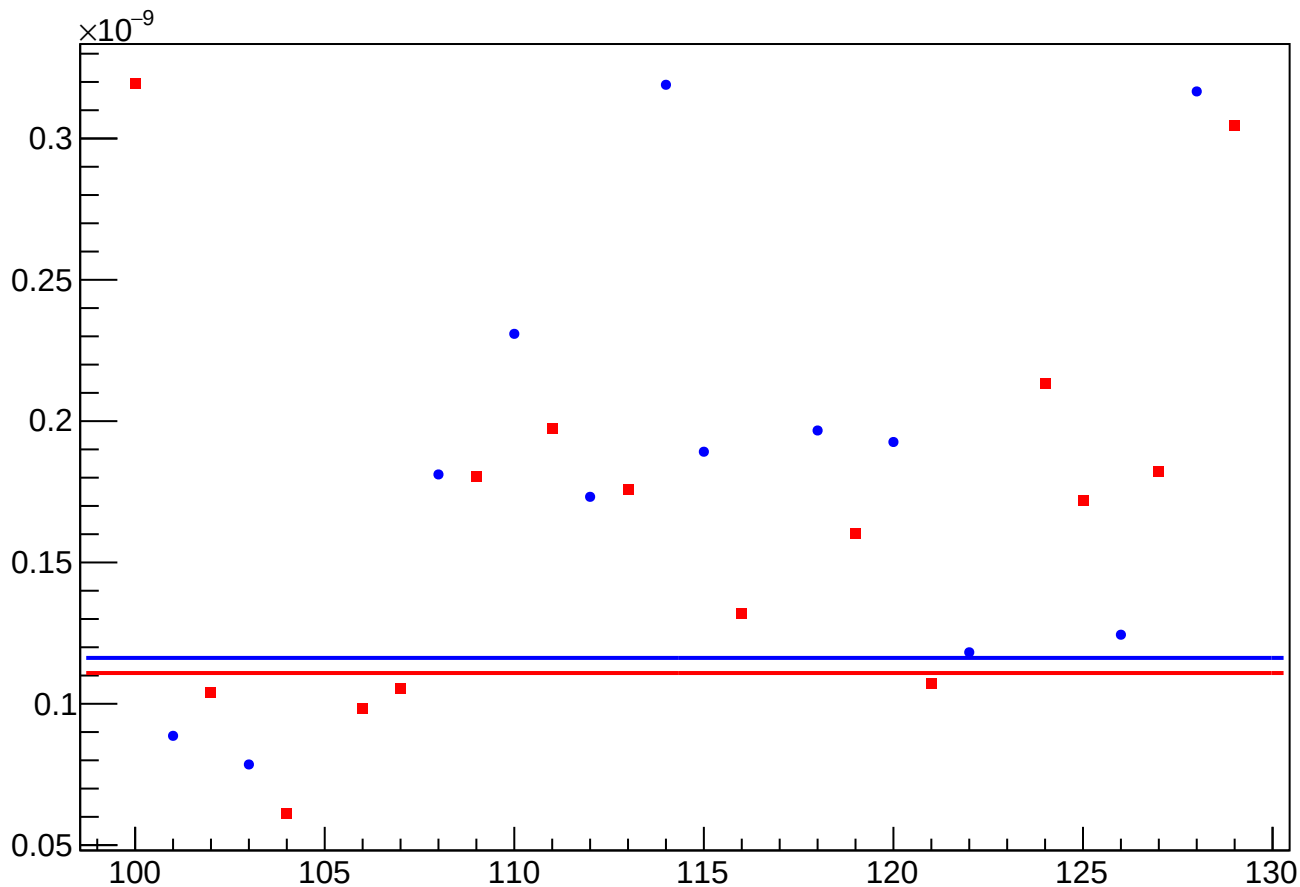
Right: -0.000 ± 0.000 χ^2/NDF : 15.3/26

In: -0.000 ± 0.000 χ^2/NDF : 8.4/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 15.3/26

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 970057.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

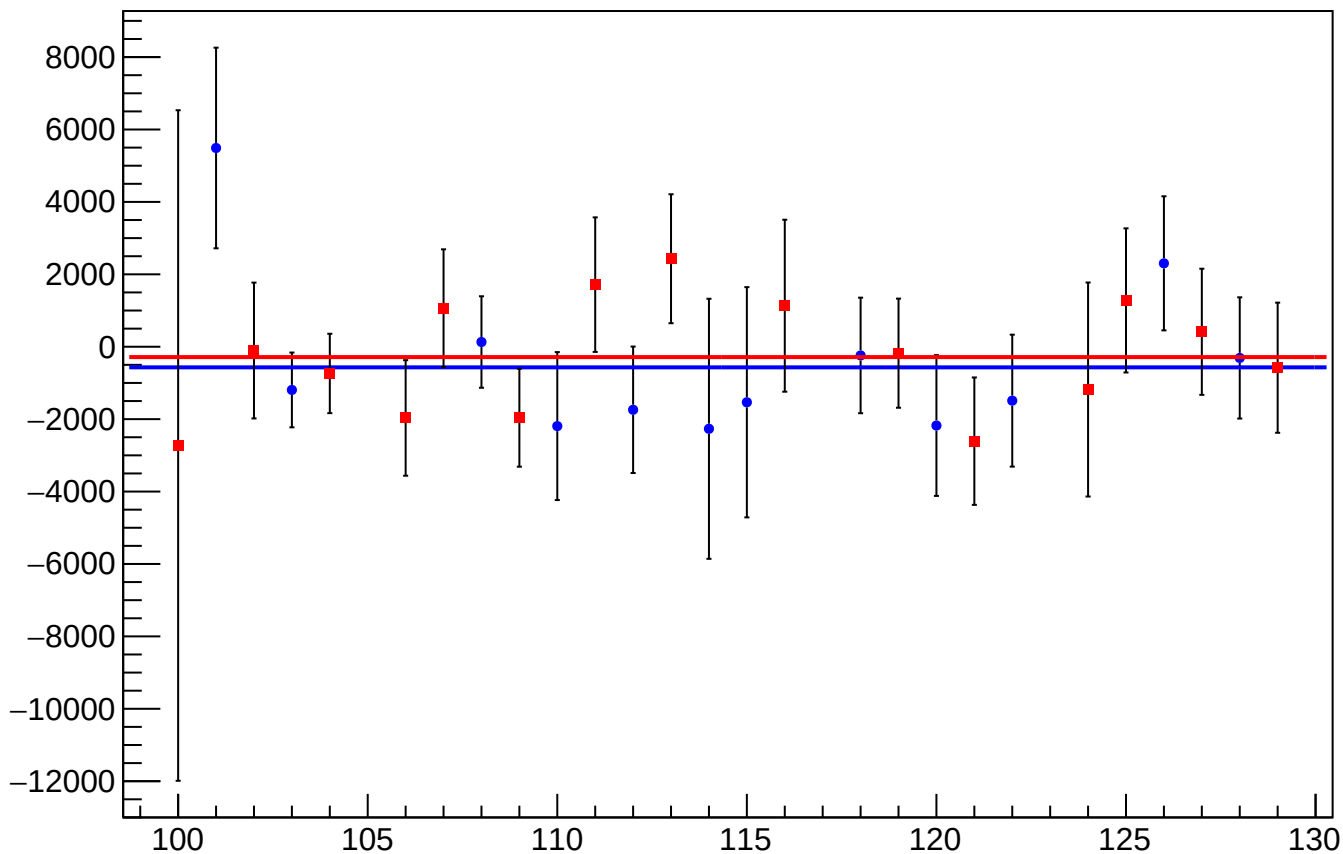
Right: 0.000+/-0.000 χ^2/NDF : 2198781.2/26

In: 0.000+/-0.000 χ^2/NDF : 970057.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2198781.2/26

reg_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -569.343+/-497.224 χ^2/NDF : 10.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

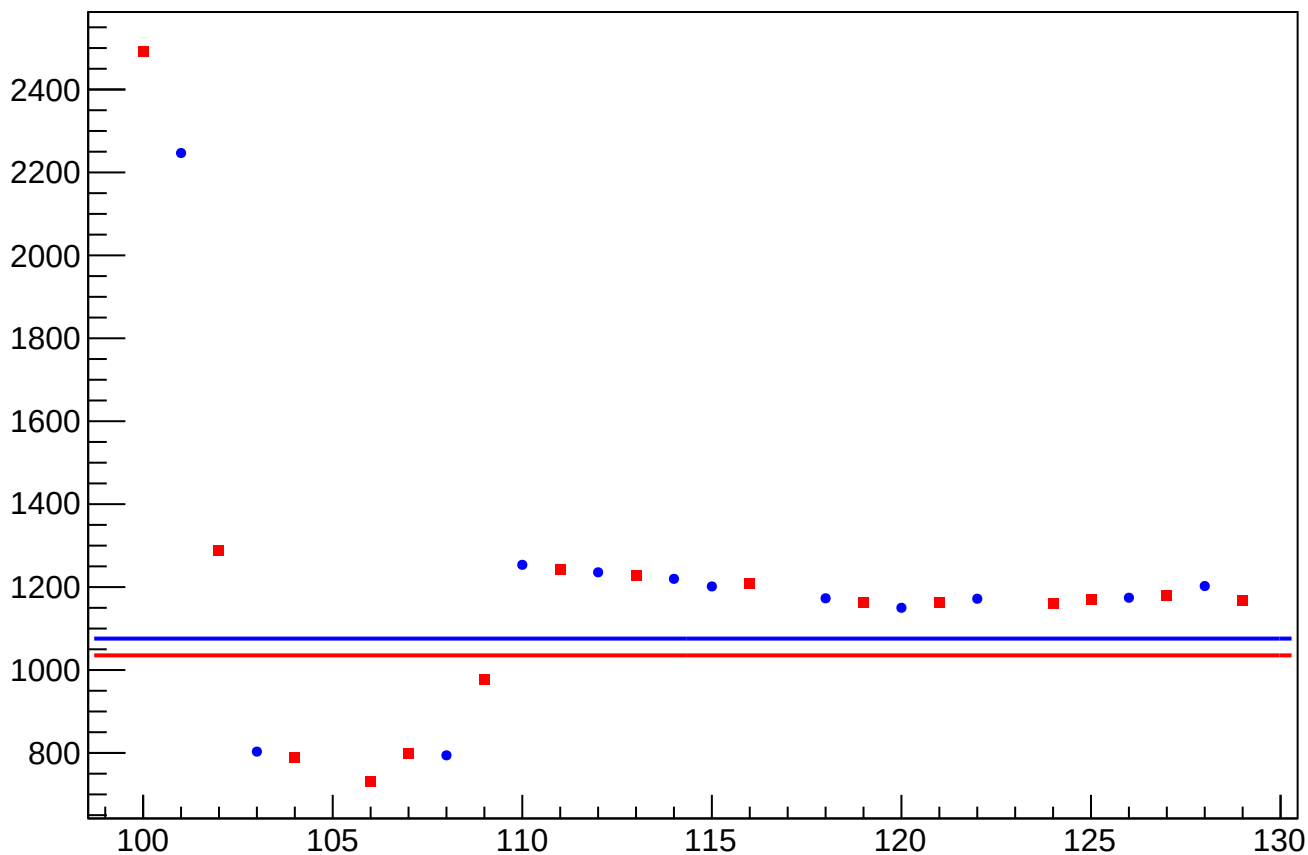
Right: -412.701+/-332.574 χ^2/NDF : 20.5/26

In: -569.343+/-497.224 χ^2/NDF : 10.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -412.701+/-332.574 χ^2/NDF : 20.5/26

reg_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1075.797+/-0.352 χ^2/NDF : 667077.8/11

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

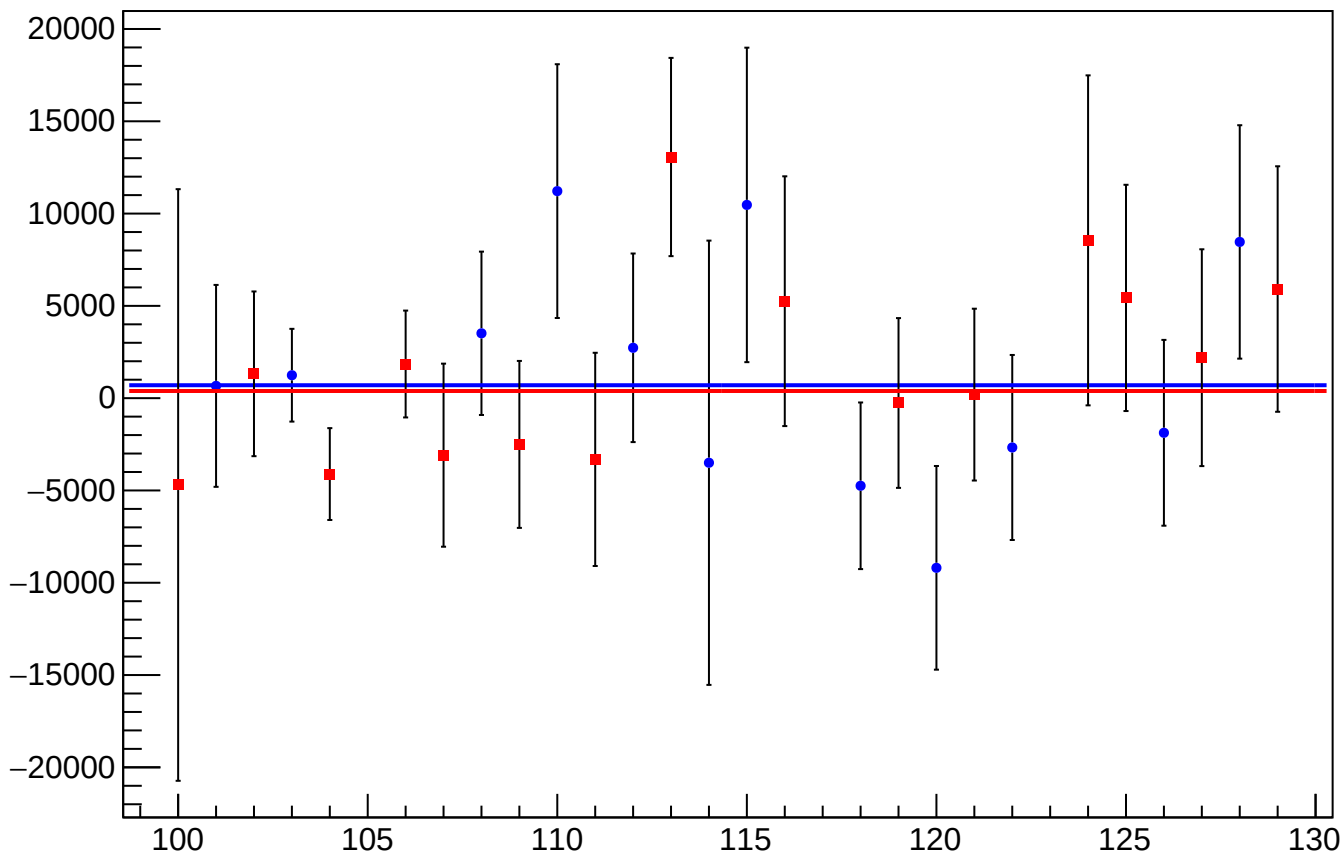
Right: 1053.231+/-0.234 χ^2/NDF : 1118843.3/26

In: 1075.797+/-0.352 χ^2/NDF : 667077.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1053.231+/-0.234 χ^2/NDF : 1118843.3/26

asym_usr_atr2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 700.751+/-1401.182 χ^2/NDF : 11.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 388.707+/-1199.278 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

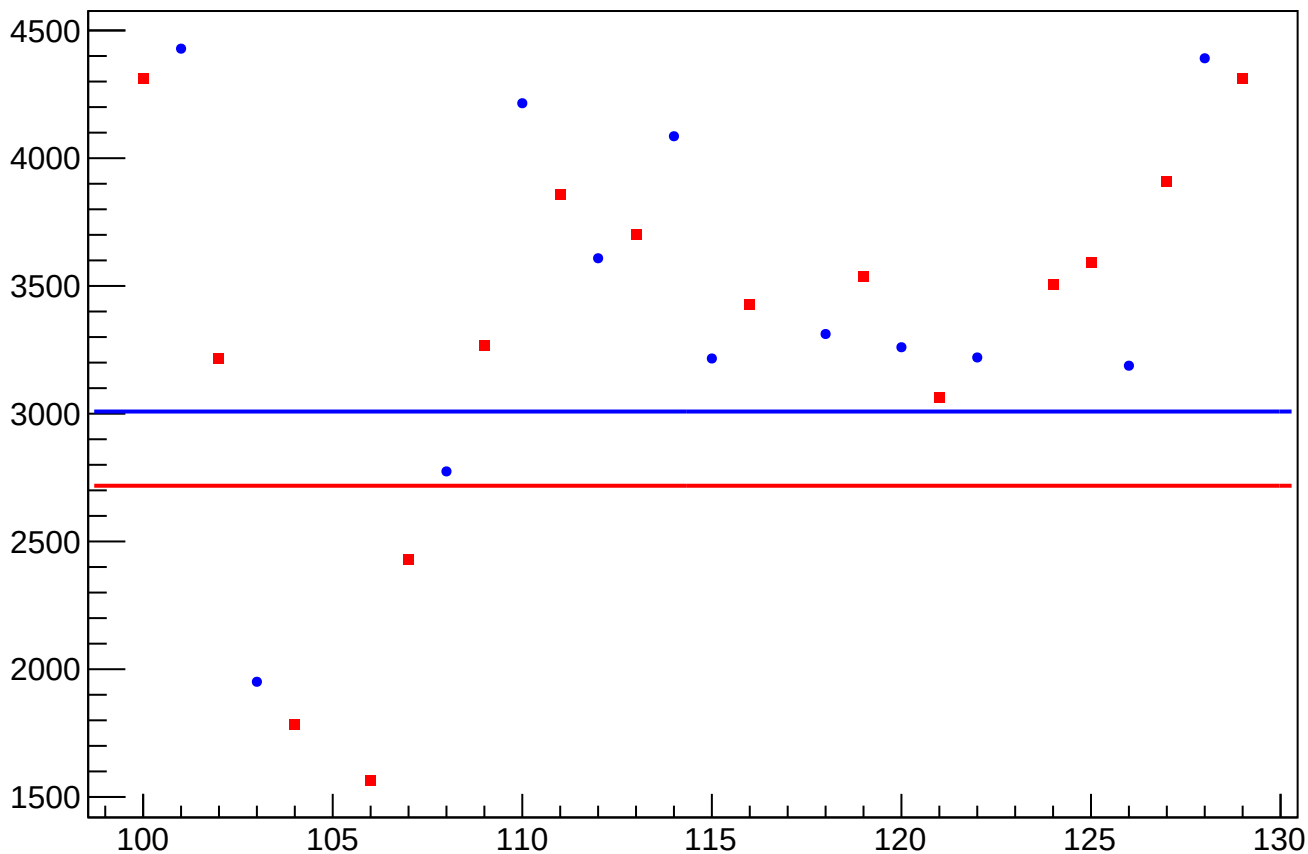
Right: 520.647+/-911.117 χ^2/NDF : 24.7/26

In: 700.751+/-1401.182 χ^2/NDF : 11.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 520.647+/-911.117 χ^2/NDF : 24.7/26

asym_usr_atr2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3008.556+/-0.991 χ^2/NDF : 716230.0/11

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

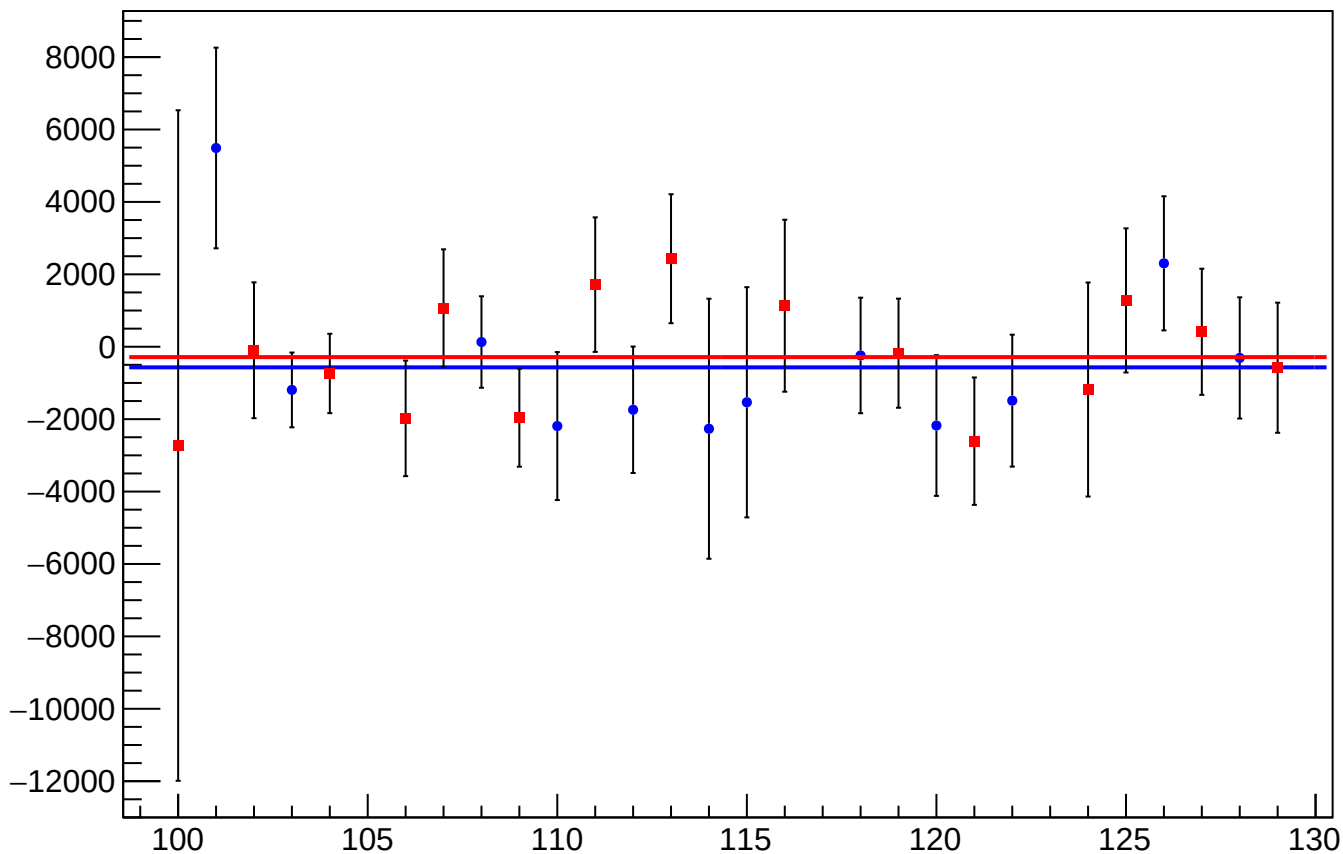
Right: 2840.895+/-0.644 χ^2/NDF : 1940822.7/26

In: 3008.556+/-0.991 χ^2/NDF : 716230.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2840.895+/-0.644 χ^2/NDF : 1940822.7/26

cor_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -569.264+/-497.225 χ^2/NDF : 10.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

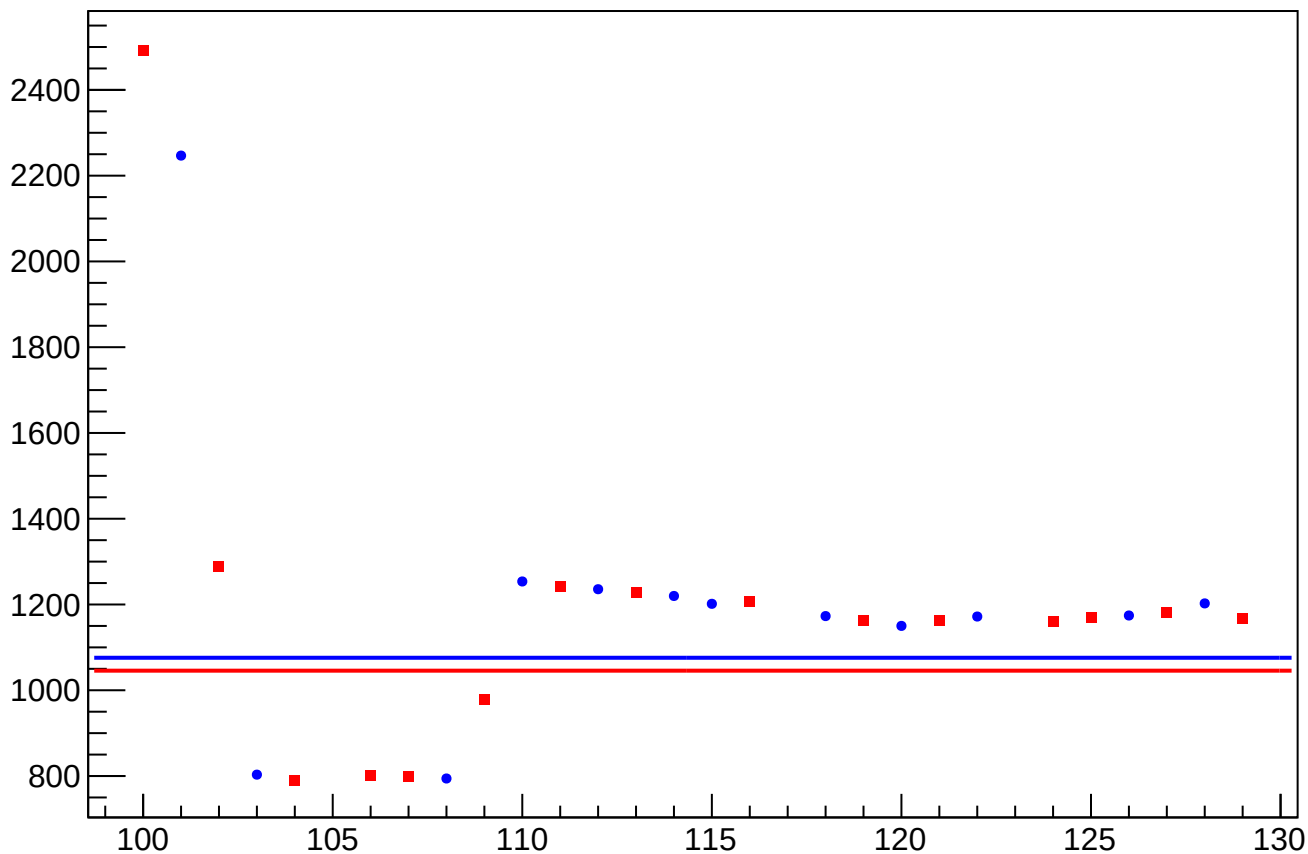
Right: -412.867+/-332.576 χ^2/NDF : 20.5/26

In: -569.264+/-497.225 χ^2/NDF : 10.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -412.867+/-332.576 χ^2/NDF : 20.5/26

cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1075.798+/-0.352 χ^2/NDF : 667074.9/11

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

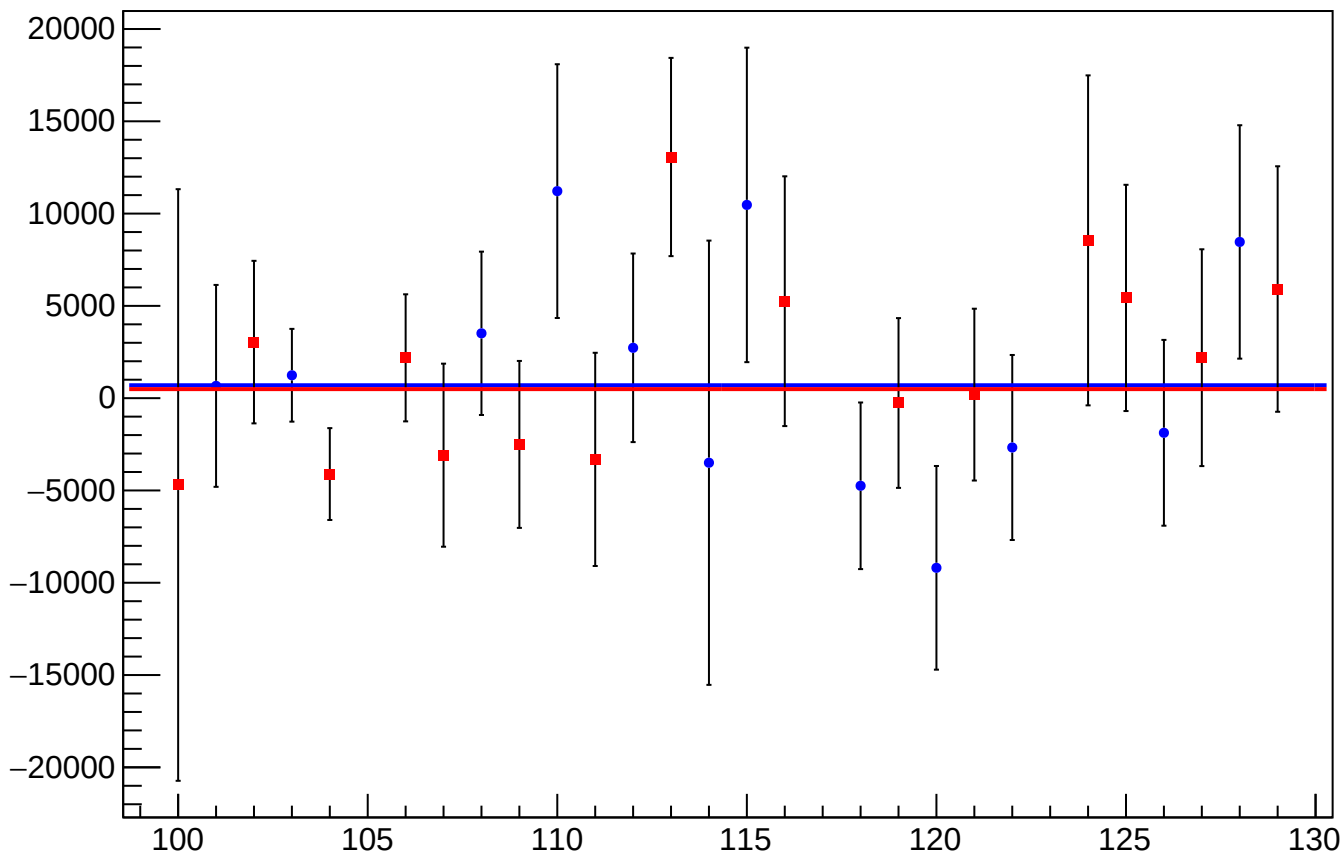
Right: 1059.123+/-0.235 χ^2/NDF : 1069274.3/26

In: 1075.798+/-0.352 χ^2/NDF : 667074.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1059.123+/-0.235 χ^2/NDF : 1069274.3/26

asym_usr_atr2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 700.043+/-1401.255 χ^2/NDF : 11.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

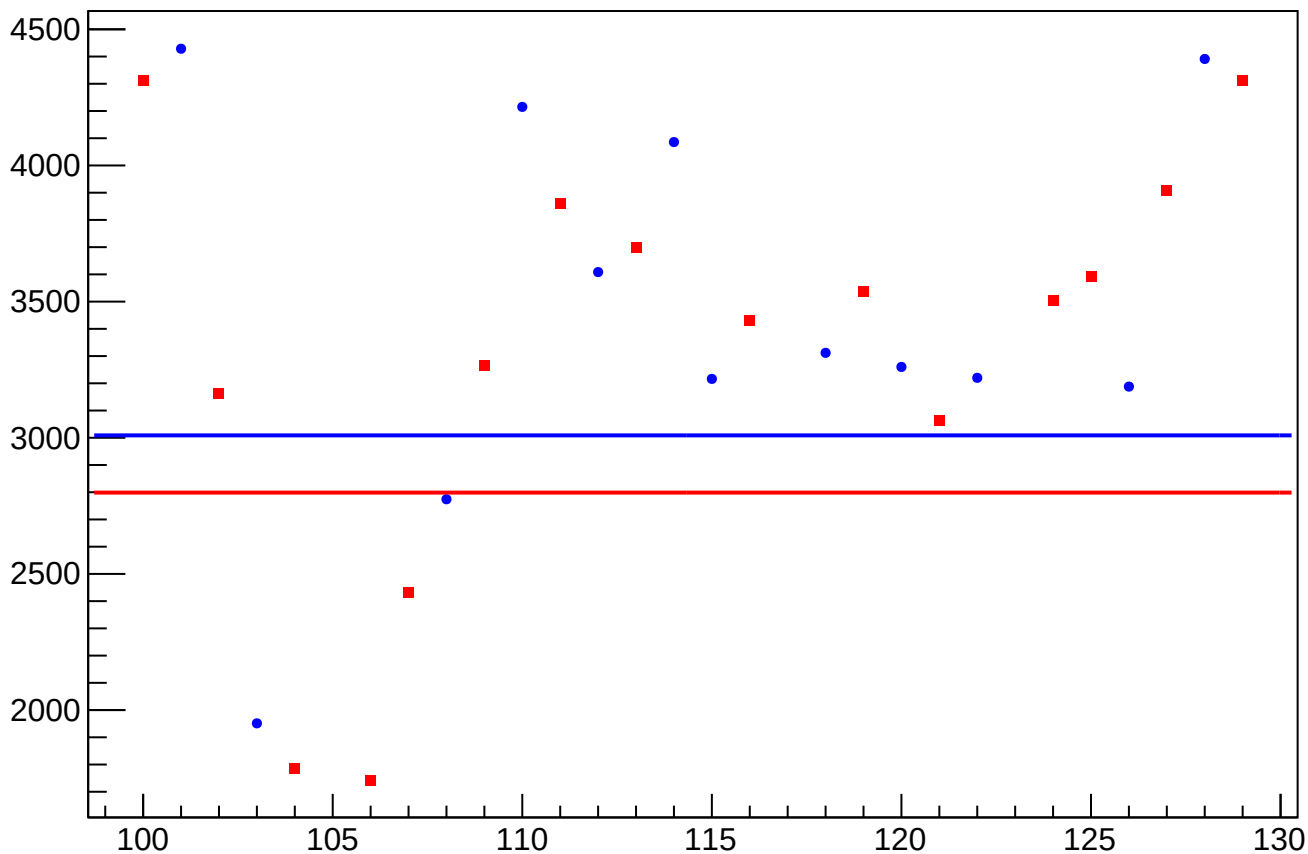
Right: 581.503+/-924.129 χ^2/NDF : 25.0/26

In: 700.043+/-1401.255 χ^2/NDF : 11.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 581.503+/-924.129 χ^2/NDF : 25.0/26

asym_usr_atr2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3008.777+/-0.991 χ^2/NDF : 715869.0/11

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

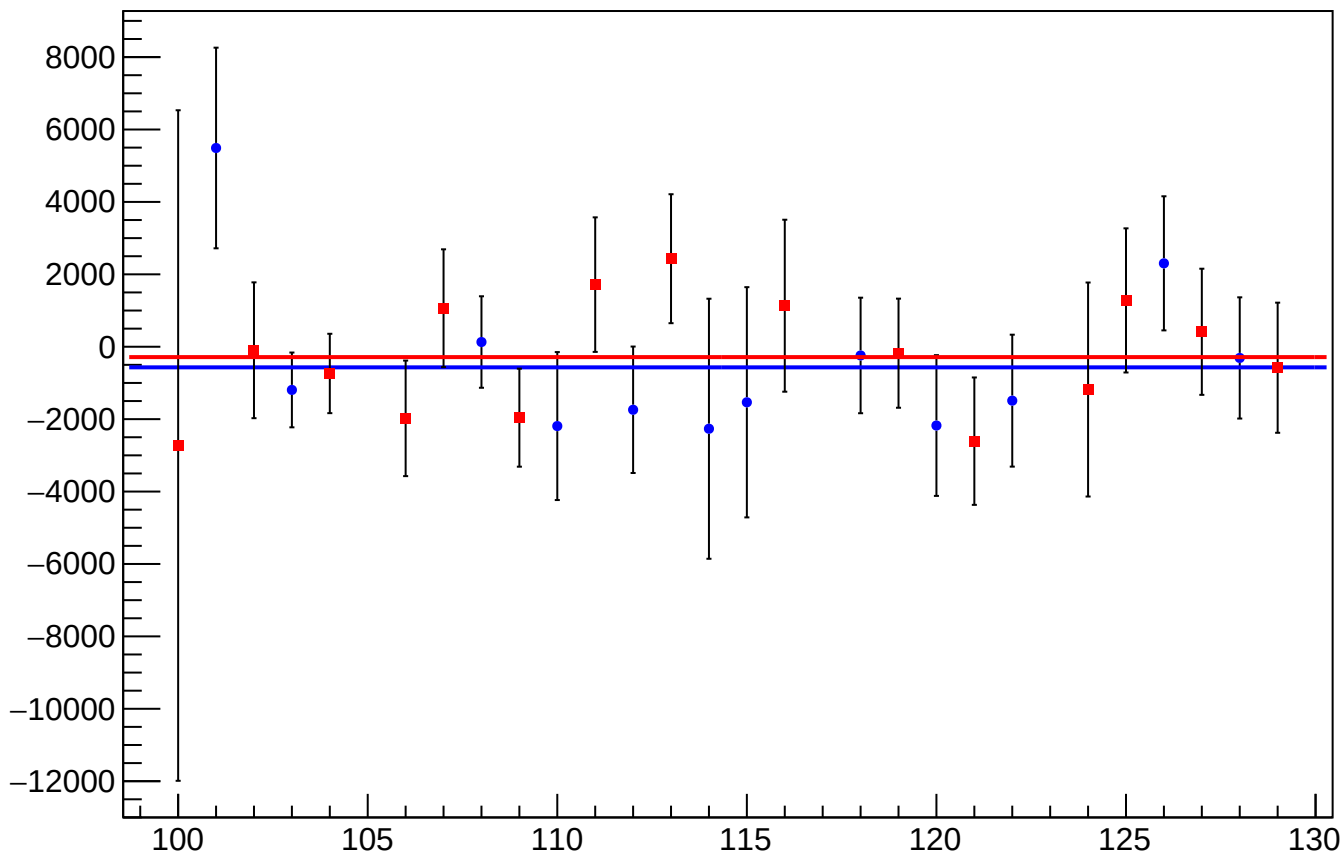
Right: 2890.029+/-0.653 χ^2/NDF : 1746621.9/26

In: 3008.777+/-0.991 χ^2/NDF : 715869.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2890.029+/-0.653 χ^2/NDF : 1746621.9/26

eigen_cor_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -569.264+/-497.225 χ^2/NDF : 10.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

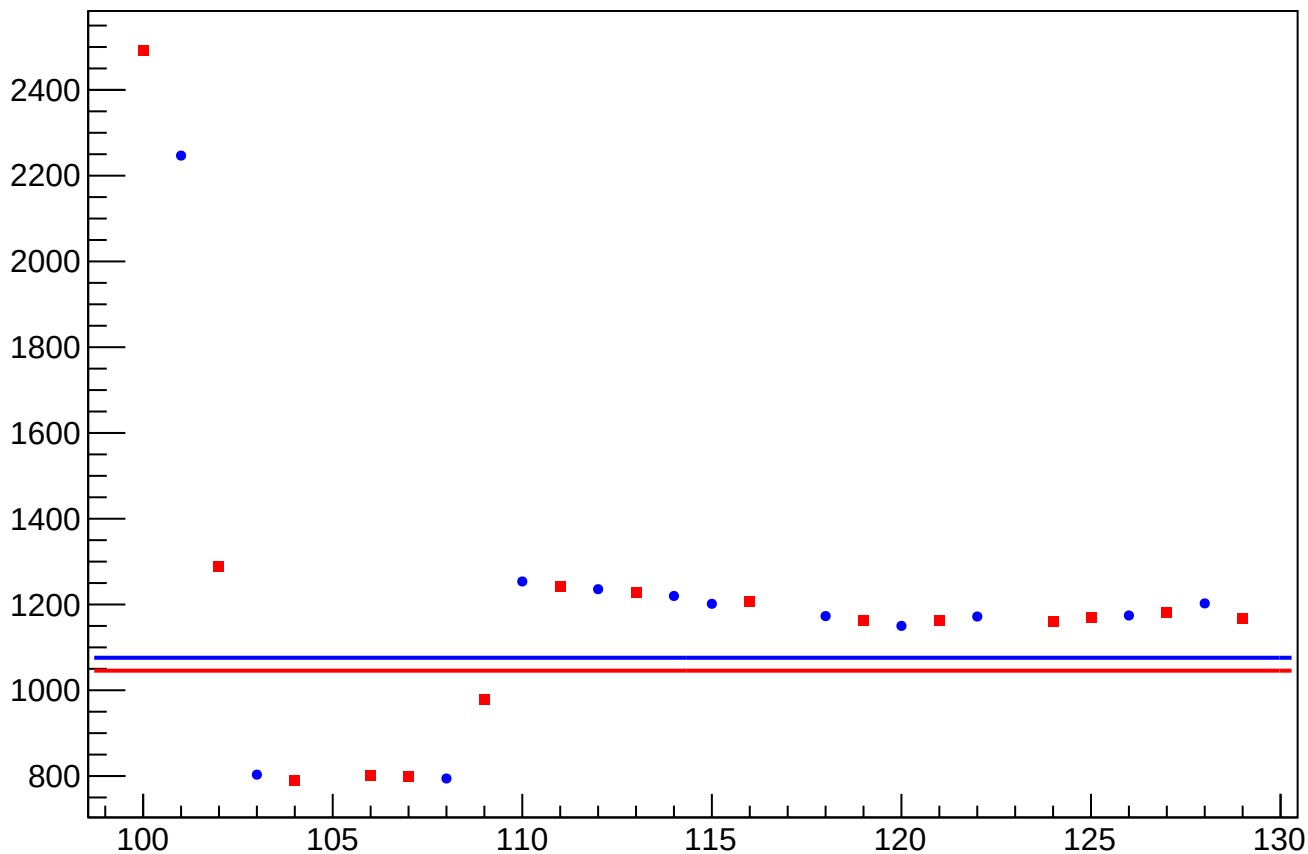
Right: -412.867+/-332.576 χ^2/NDF : 20.5/26

In: -569.264+/-497.225 χ^2/NDF : 10.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -412.867+/-332.576 χ^2/NDF : 20.5/26

eigen_cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1075.798+/-0.352 χ^2/NDF : 667074.9/11

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

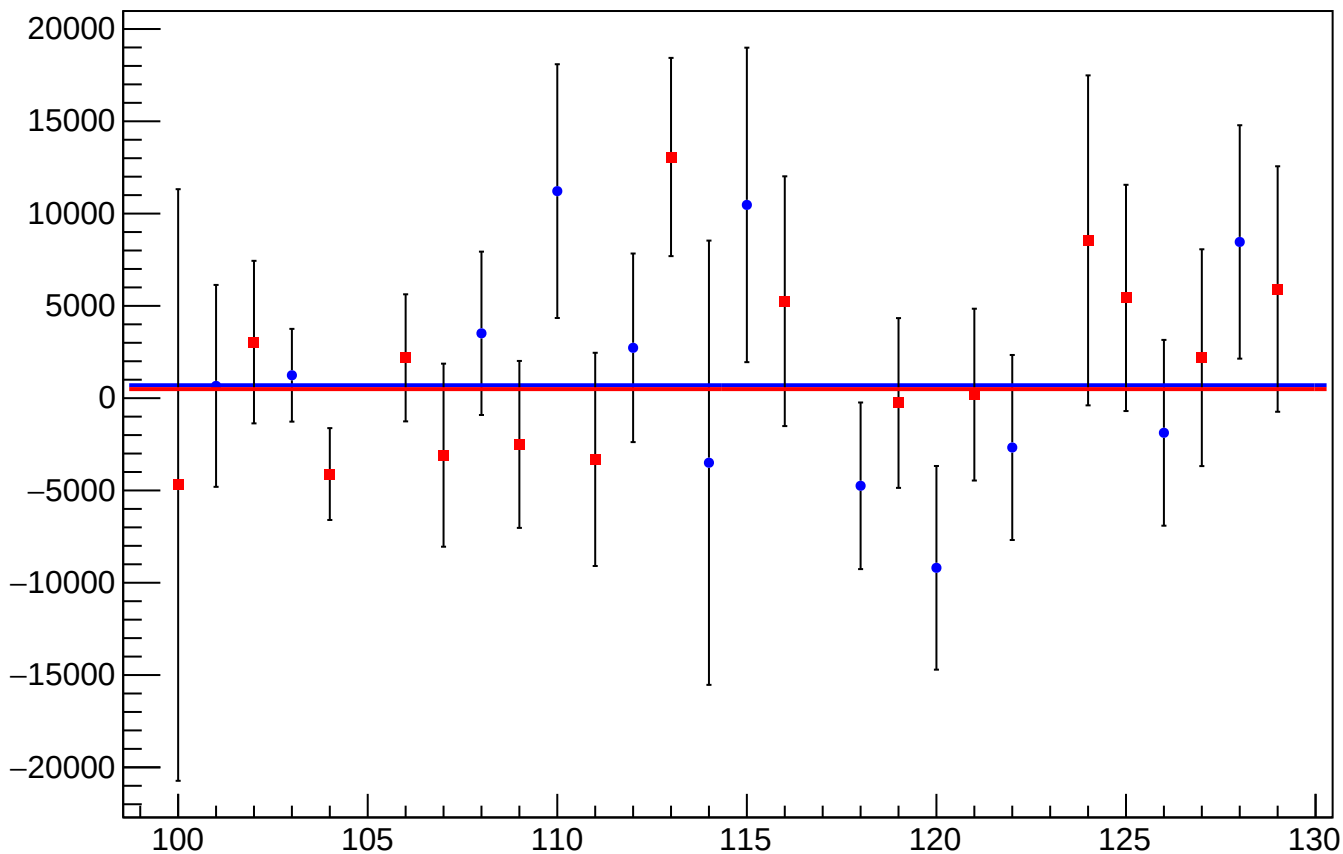
Right: 1059.123+/-0.235 χ^2/NDF : 1069274.3/26

In: 1075.798+/-0.352 χ^2/NDF : 667074.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1059.123+/-0.235 χ^2/NDF : 1069274.3/26

asym_usr_atr2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 700.043+/-1401.255 χ^2/NDF : 11.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

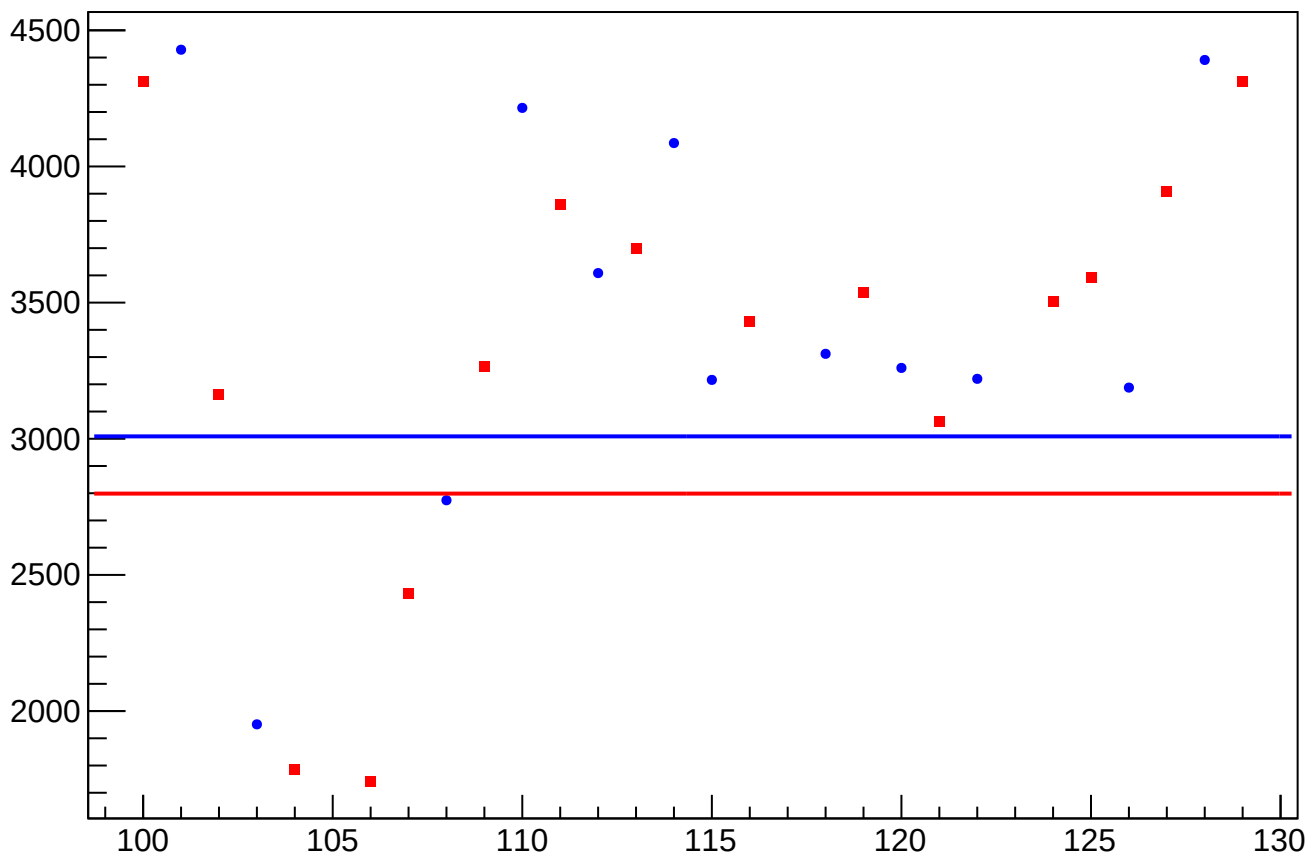
Right: 581.503+/-924.129 χ^2/NDF : 25.0/26

In: 700.043+/-1401.255 χ^2/NDF : 11.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 581.503+/-924.129 χ^2/NDF : 25.0/26

asym_usr_atr2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3008.777+/-0.991 χ^2/NDF : 715869.0/11

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

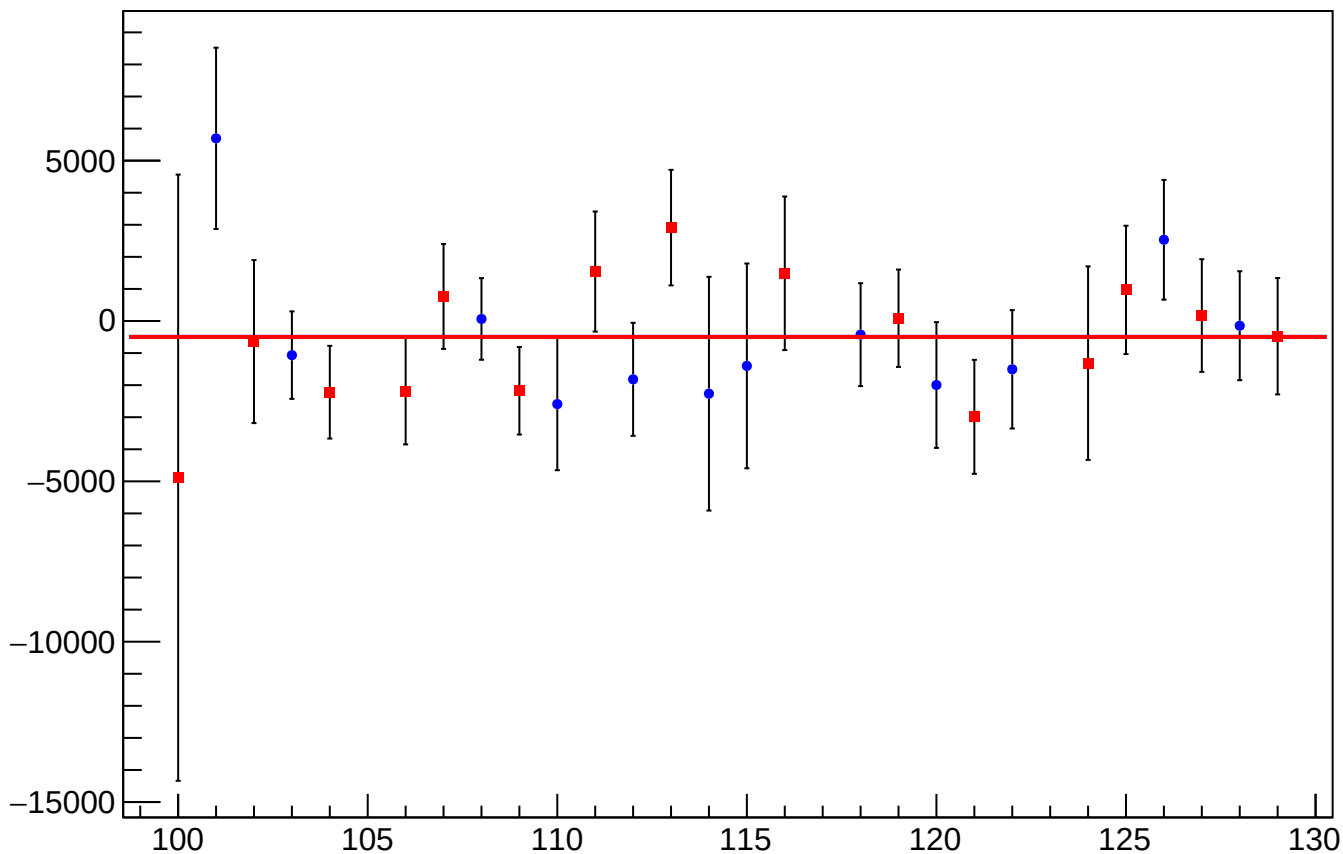
Right: 2890.029+/-0.653 χ^2/NDF : 1746621.9/26

In: 3008.777+/-0.991 χ^2/NDF : 715869.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2890.029+/-0.653 χ^2/NDF : 1746621.9/26

dit_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -494.772+/-528.089 χ^2/NDF : 10.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

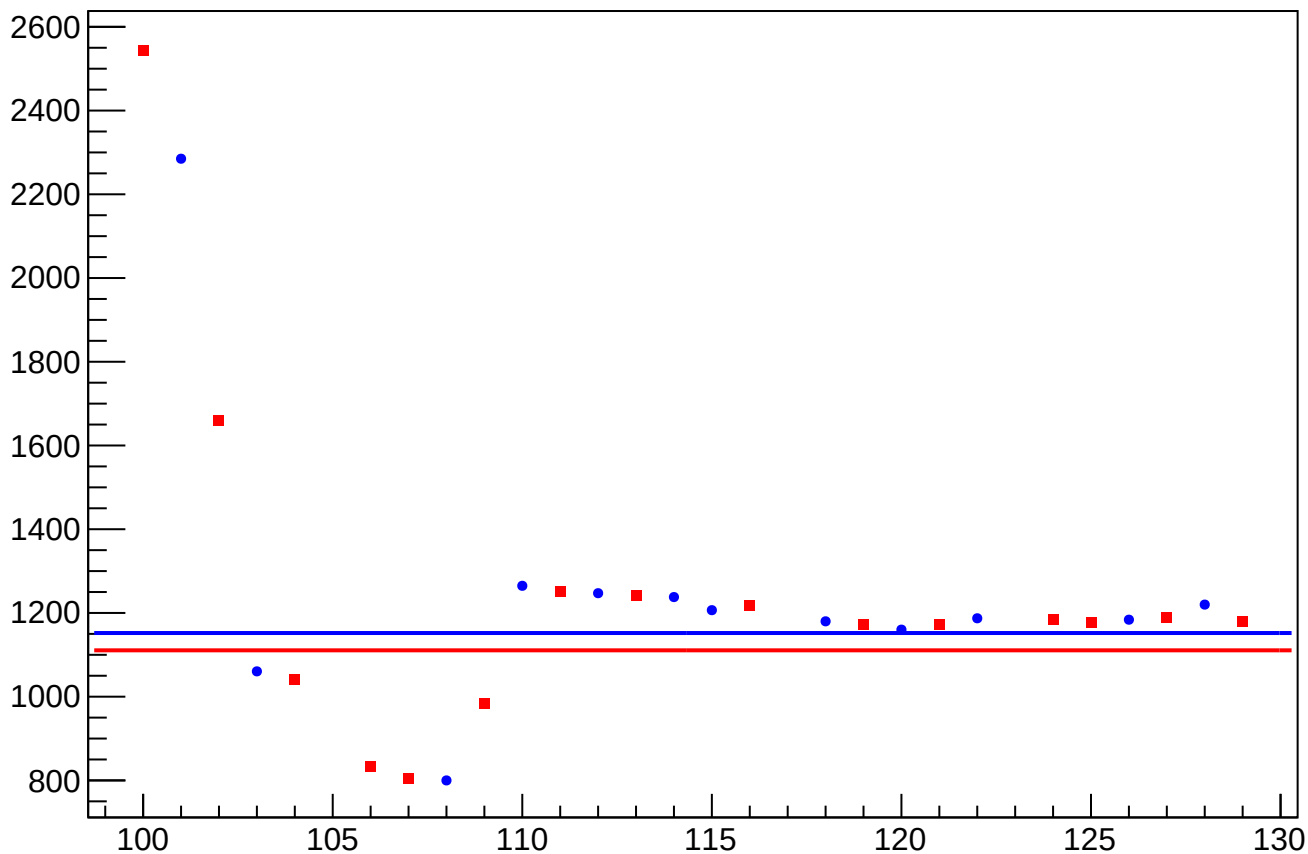
Right: -496.034+/-353.341 χ^2/NDF : 23.7/26

In: -494.772+/-528.089 χ^2/NDF : 10.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -496.034+/-353.341 χ^2/NDF : 23.7/26

dit_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1152.062+/-0.373 χ^2/NDF : 501826.4/11

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

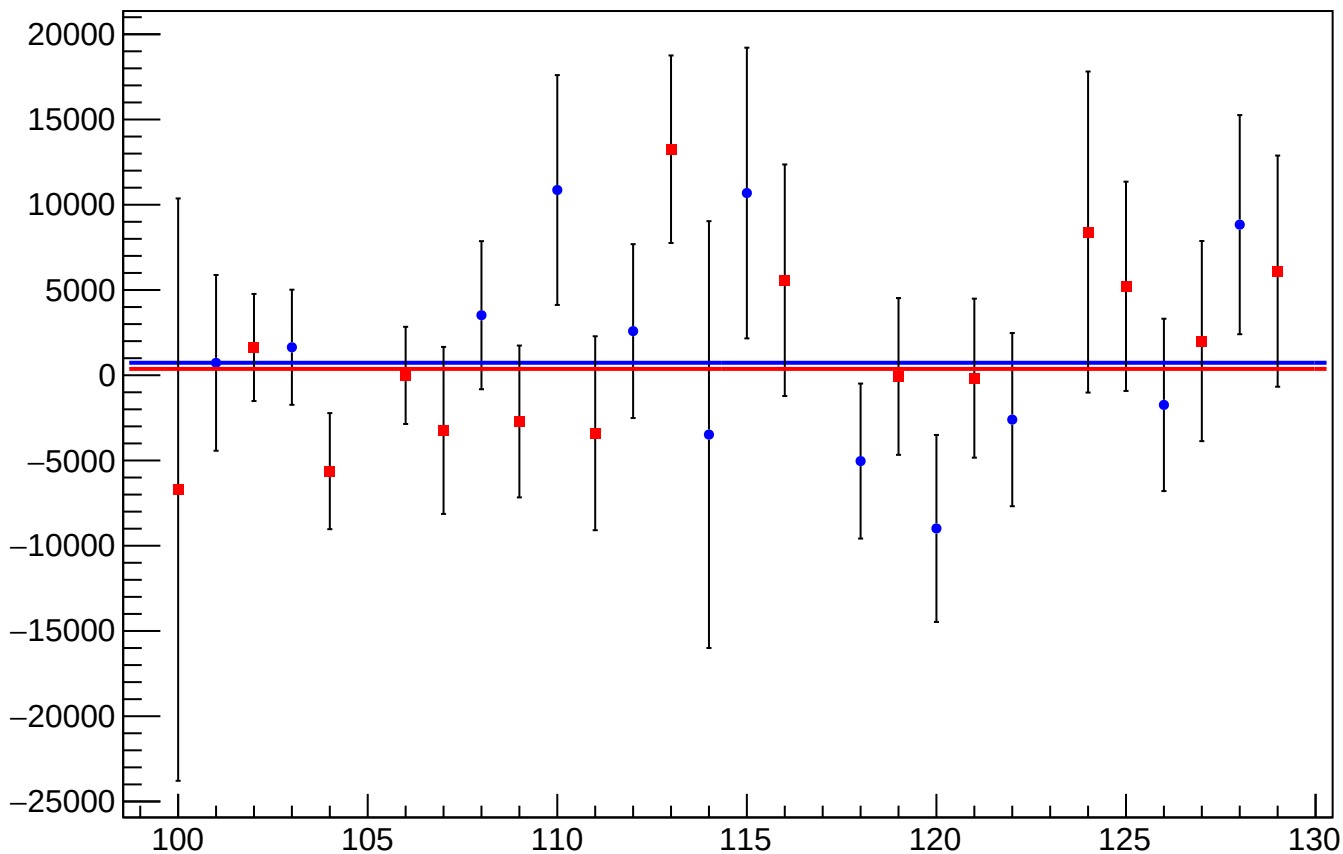
Right: 1129.213+/-0.250 χ^2/NDF : 838295.1/26

In: 1152.062+/-0.373 χ^2/NDF : 501826.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1129.213+/-0.250 χ^2/NDF : 838295.1/26

asym_usr_atr2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 731.690 $\pm$ 1502.892 χ^2 /NDF: 11.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 371.974 $\pm$ 1218.143 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

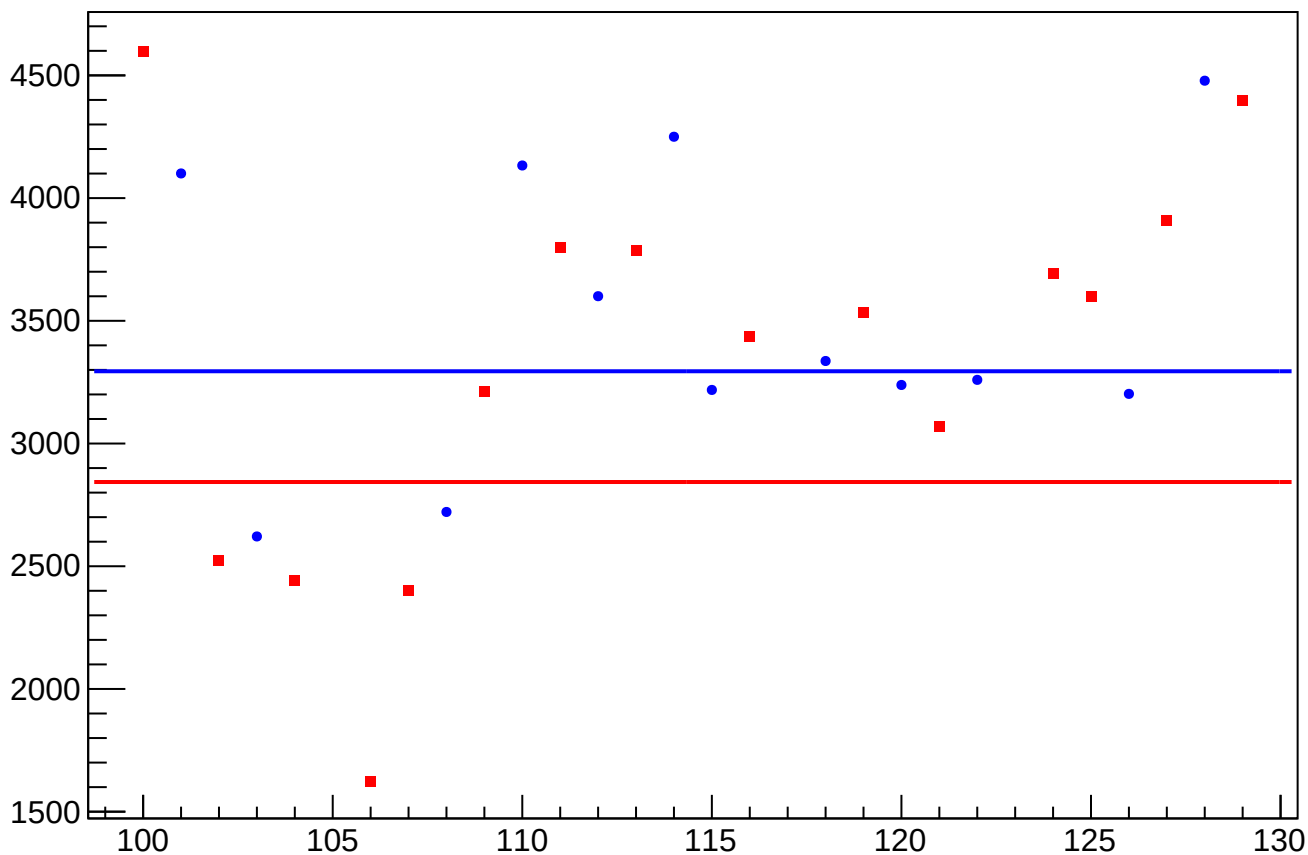
Right: 514.596 $\pm$ 946.328 χ^2 /NDF: 24.6/26

In: 731.690 $\pm$ 1502.892 χ^2 /NDF:11.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 514.596 $\pm$ 946.328 χ^2 /NDF: 24.6/26

asym_usr_atr2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3294.489+/-1.063 χ^2/NDF : 282196.3/11

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

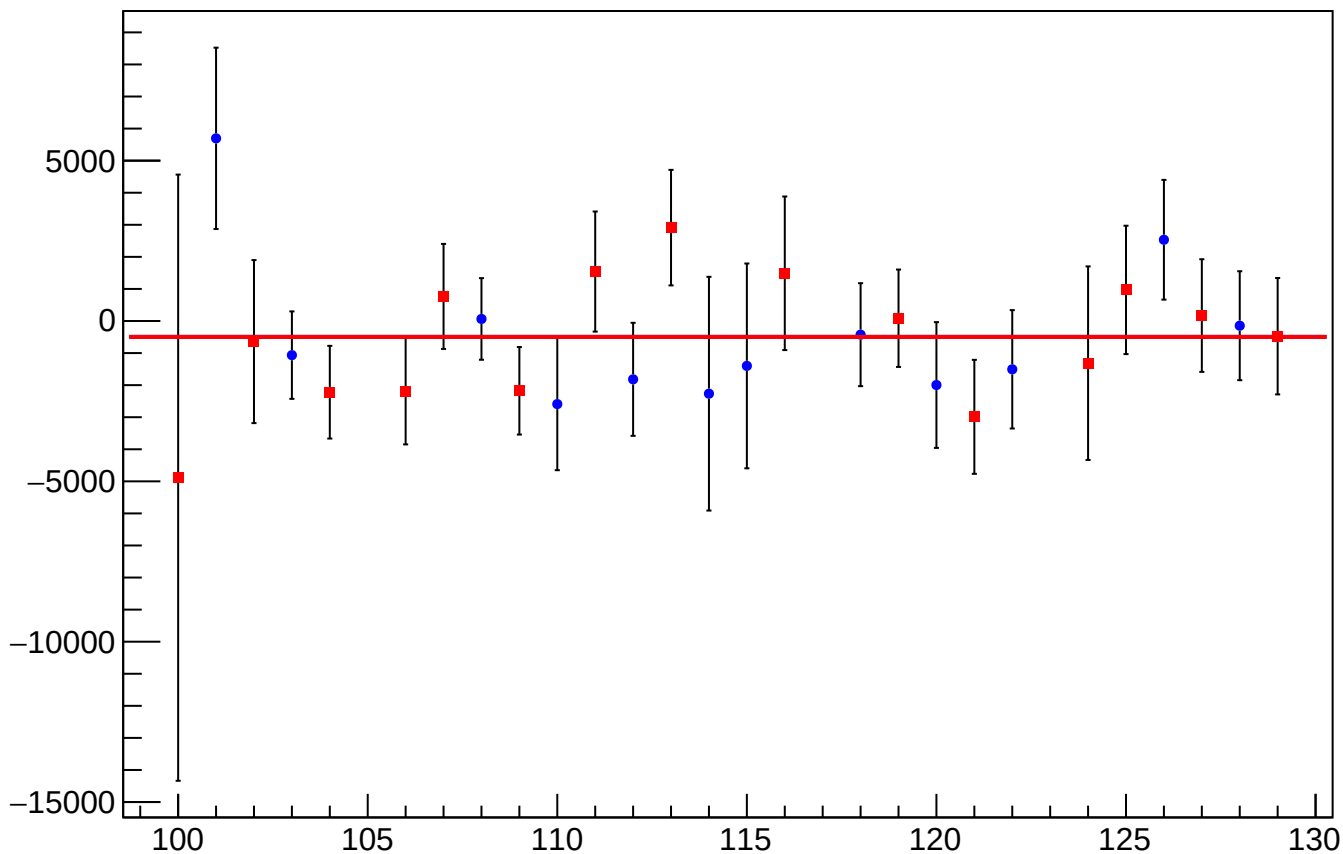
Right: 3022.144+/-0.669 χ^2/NDF : 1254576.6/26

In: 3294.489+/-1.063 χ^2/NDF : 282196.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3022.144+/-0.669 χ^2/NDF : 1254576.6/26

eigen_dit_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -494.772+/-528.089 χ^2/NDF : 10.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

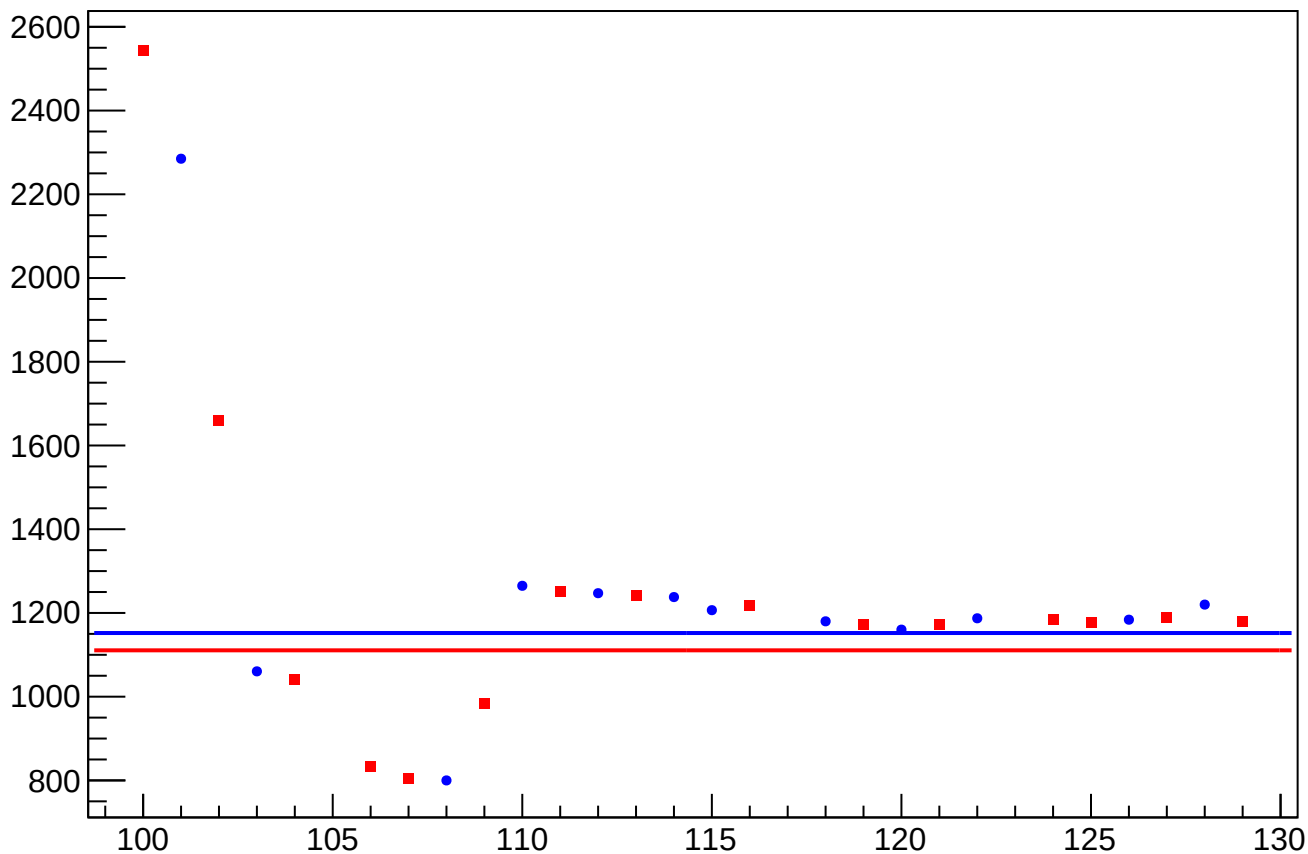
Right: -496.037+/-353.341 χ^2/NDF : 23.7/26

In: -494.772+/-528.089 χ^2/NDF : 10.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -496.037+/-353.341 χ^2/NDF : 23.7/26

eigen_dit_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1152.061+/-0.373 χ^2/NDF : 501826.7/11

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

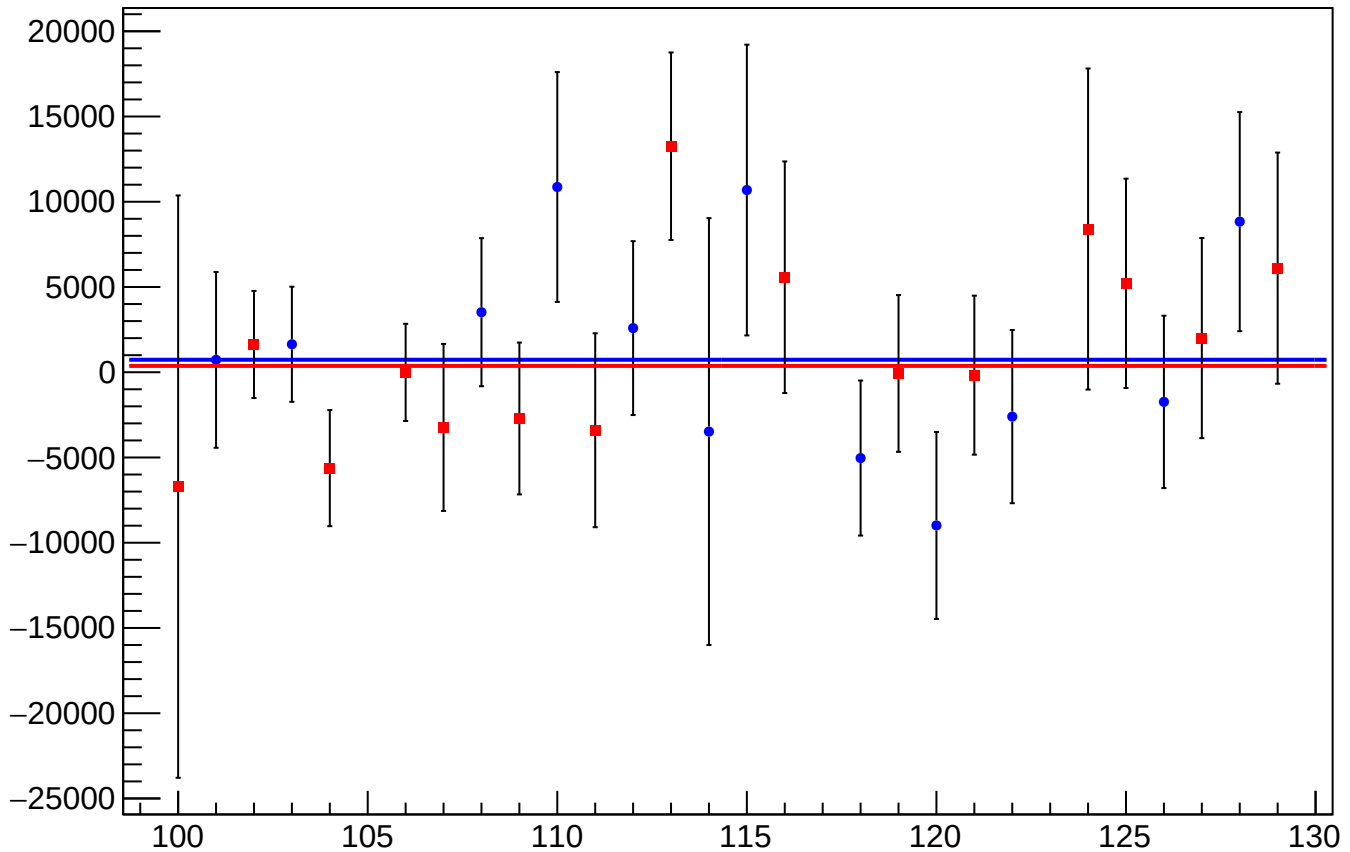
Right: 1129.213+/-0.250 χ^2/NDF : 838295.1/26

In: 1152.061+/-0.373 χ^2/NDF : 501826.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1129.213+/-0.250 χ^2/NDF : 838295.1/26

asym_usr_atr2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 731.682 $\pm$ 1502.890 χ^2 /NDF: 11.4/11

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

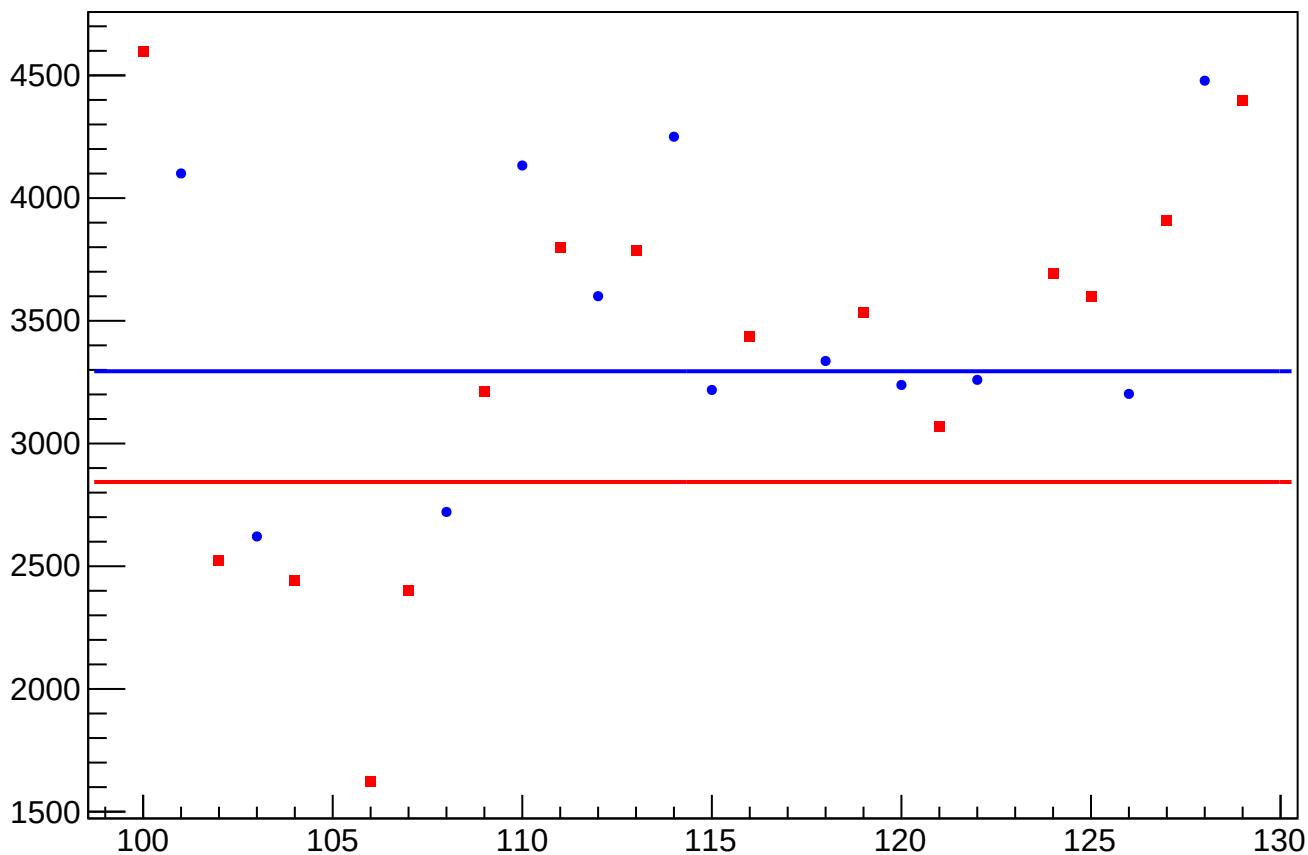
Right: 514.588 $\pm$ 946.326 χ^2 /NDF: 24.6/26

In: 731.682 $\pm$ 1502.890 χ^2 /NDF:11.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 514.588 $\pm$ 946.326 χ^2 /NDF: 24.6/26

asym_usr_atr2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3294.484+/-1.063 χ^2/NDF : 282192.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

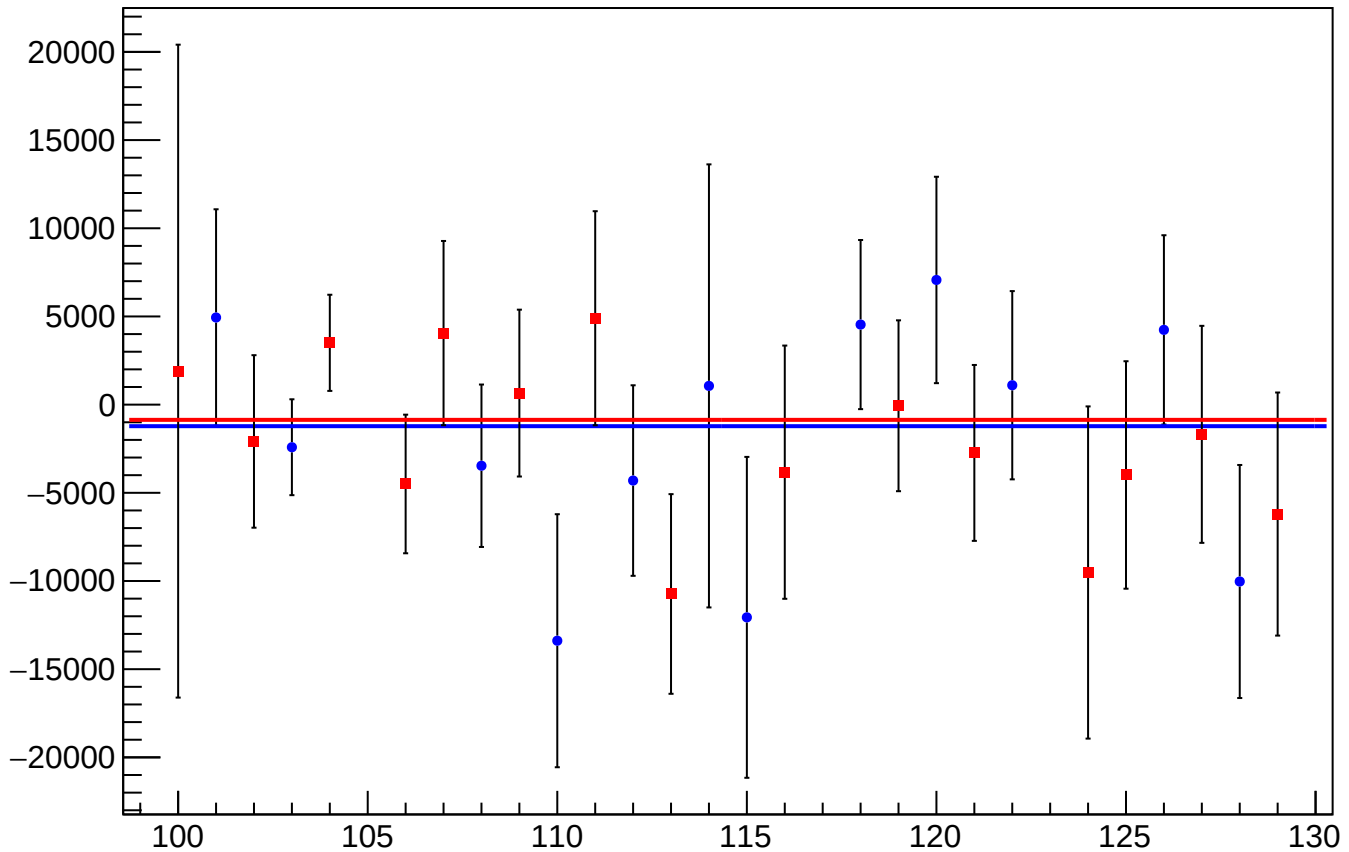
Right: 3022.139+/-0.669 χ^2/NDF : 1254572.6/26

In: 3294.484+/-1.063 χ^2/NDF : 282192.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3022.139+/-0.669 χ^2/NDF : 1254572.6/26

asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -1221.856+/-1496.336 χ^2/NDF : 12.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

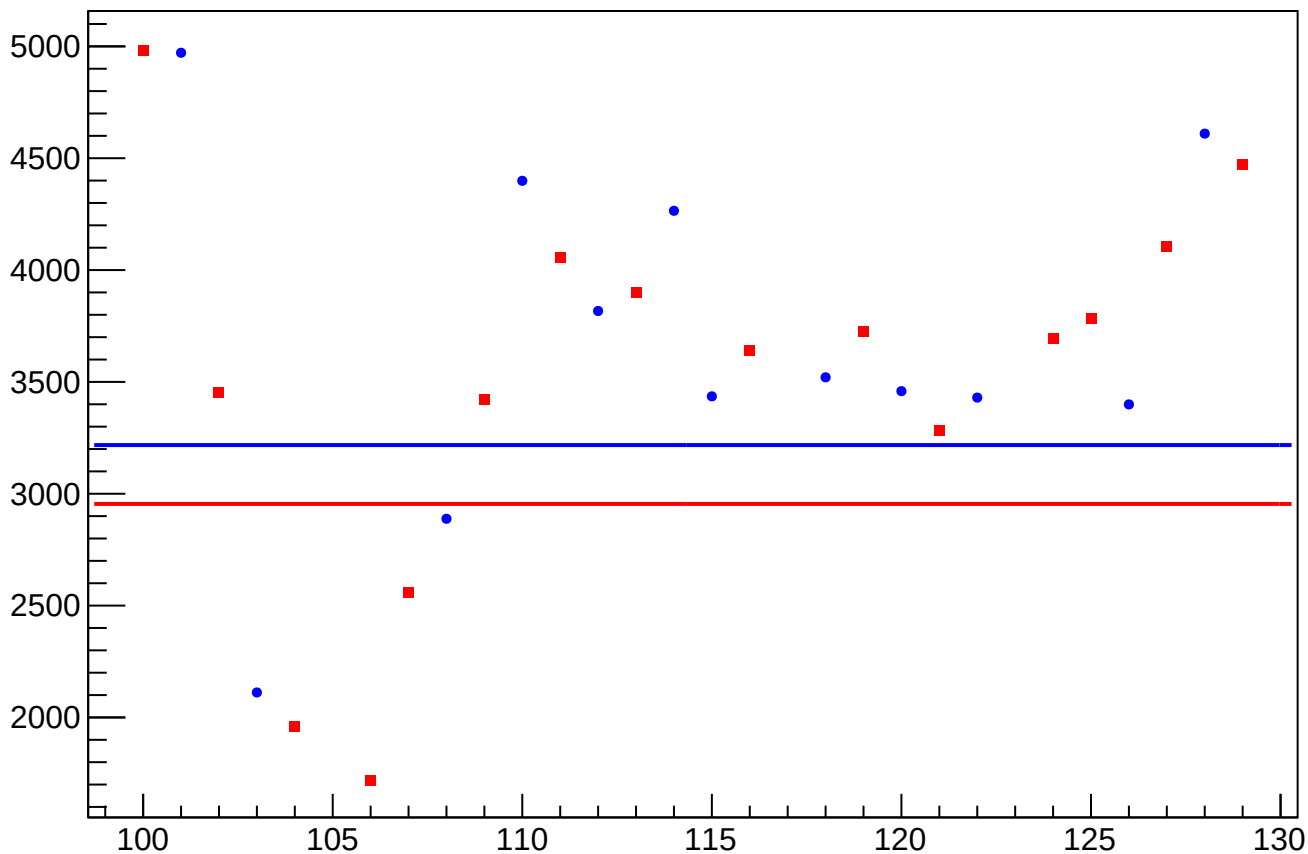
Right: -1020.839+/-992.379 χ^2/NDF : 23.1/26

In: -1221.856+/-1496.336 χ^2/NDF : 12.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1020.839+/-992.379 χ^2/NDF : 23.1/26

asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 3217.643+/-1.058 χ^2/NDF : 704248.3/11

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

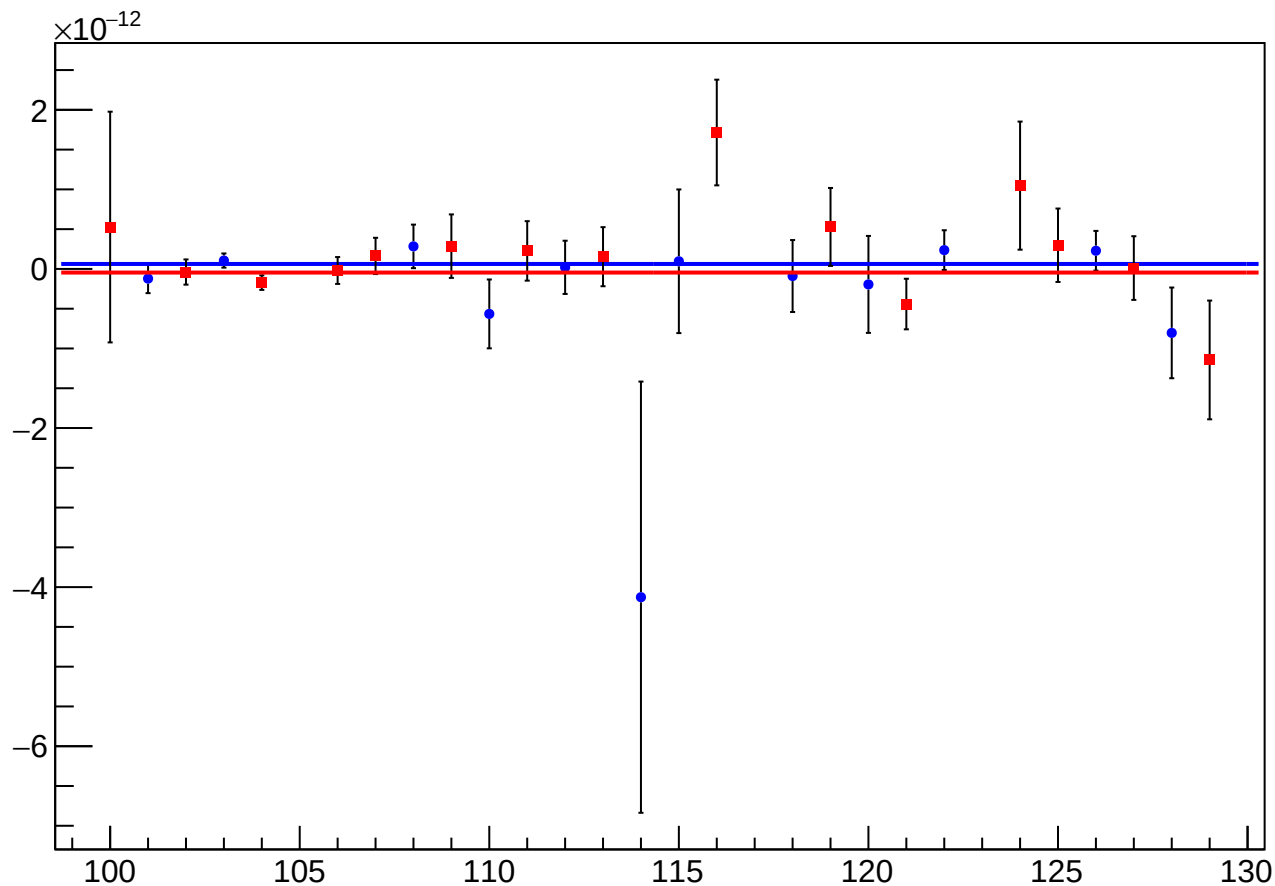
Right: 3067.709+/-0.694 χ^2/NDF : 1761696.1/26

In: 3217.643+/-1.058 χ^2/NDF : 704248.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3067.709+/-0.694 χ^2/NDF : 1761696.1/26

asym_usr_atr2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 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

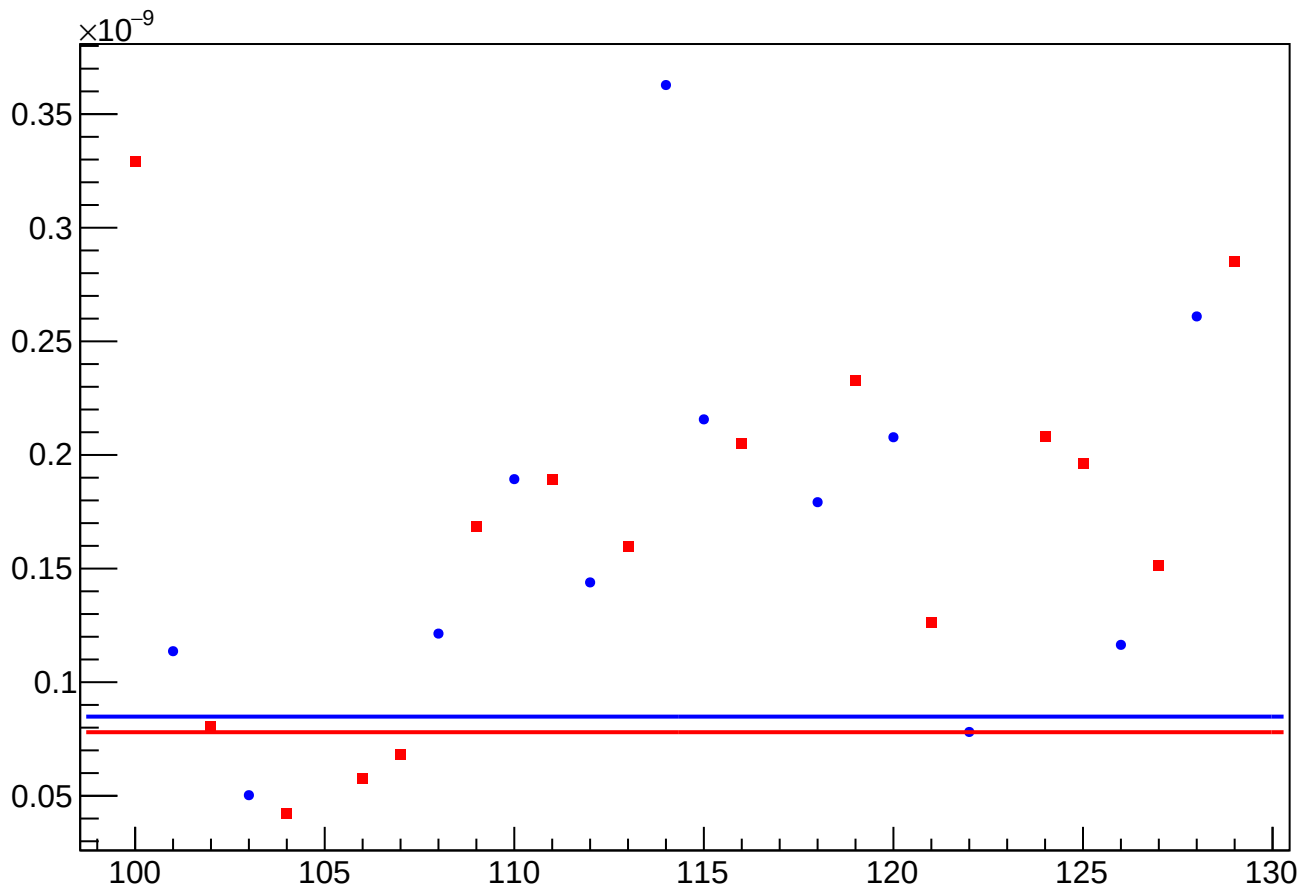
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 30.3/26

In: 0.000 $\pm$ 0.000 χ^2 /NDF:9.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 30.3/26

asym_usr_atr2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1021746.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

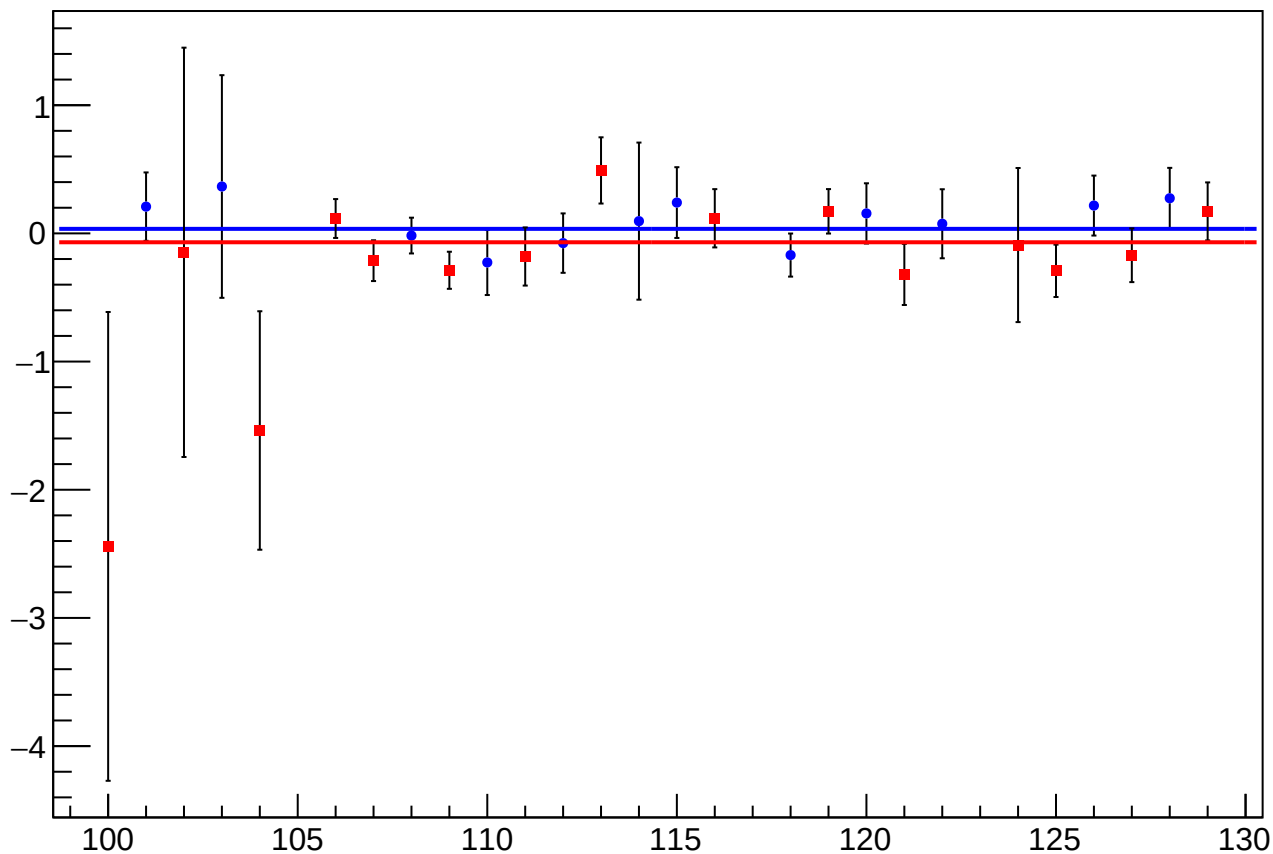
Right: 0.000+/-0.000 χ^2/NDF : 2534417.5/26

In: 0.000+/-0.000 χ^2/NDF : 1021746.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2534417.5/26

asym_usr_atr2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035+/-0.067 χ^2/NDF : 5.9/11

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

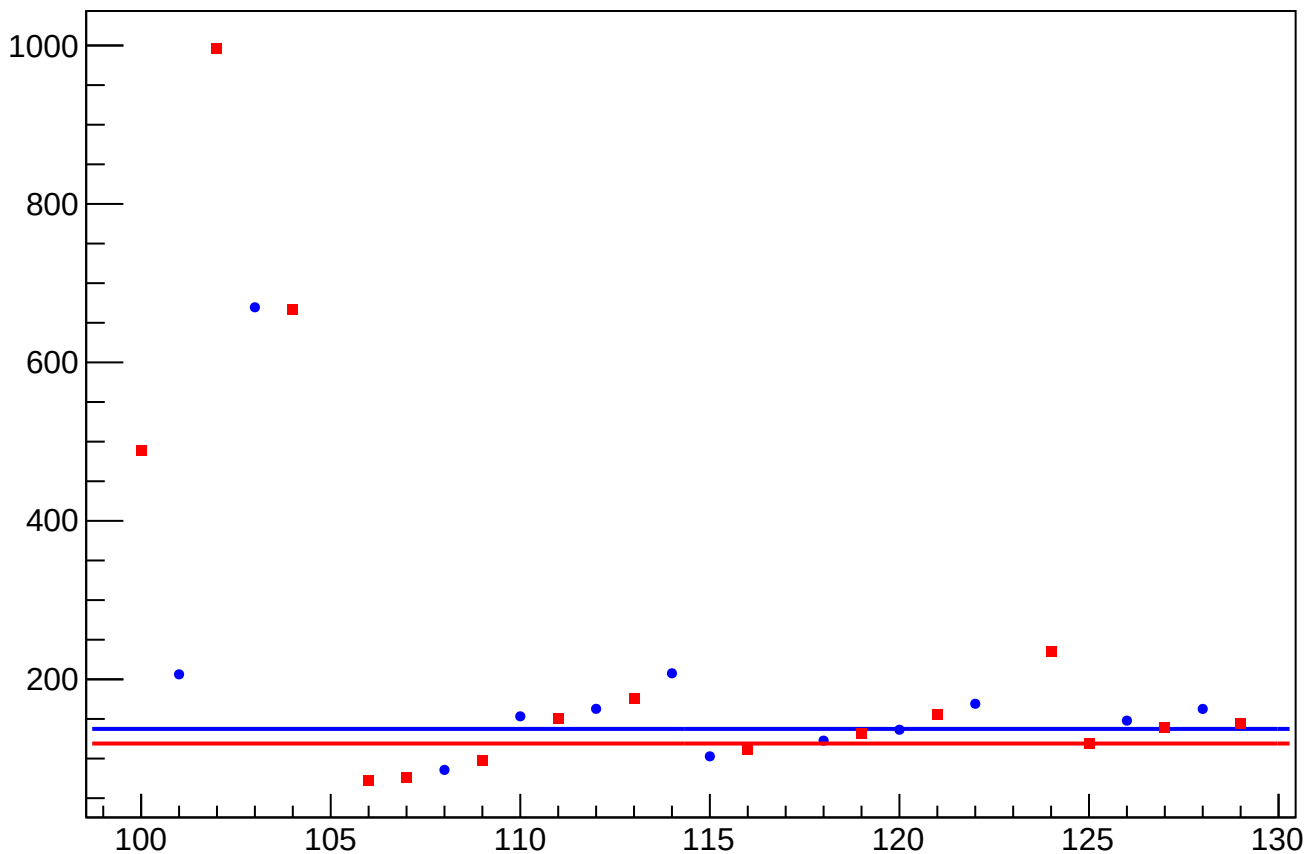
Right: -0.026+/-0.044 χ^2/NDF : 27.3/26

In: 0.035+/-0.067 χ^2/NDF : 5.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.026+/-0.044 χ^2/NDF : 27.3/26

asym_usr_atr2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 137.423+/-0.048 χ^2/NDF : 1318377.6/11

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

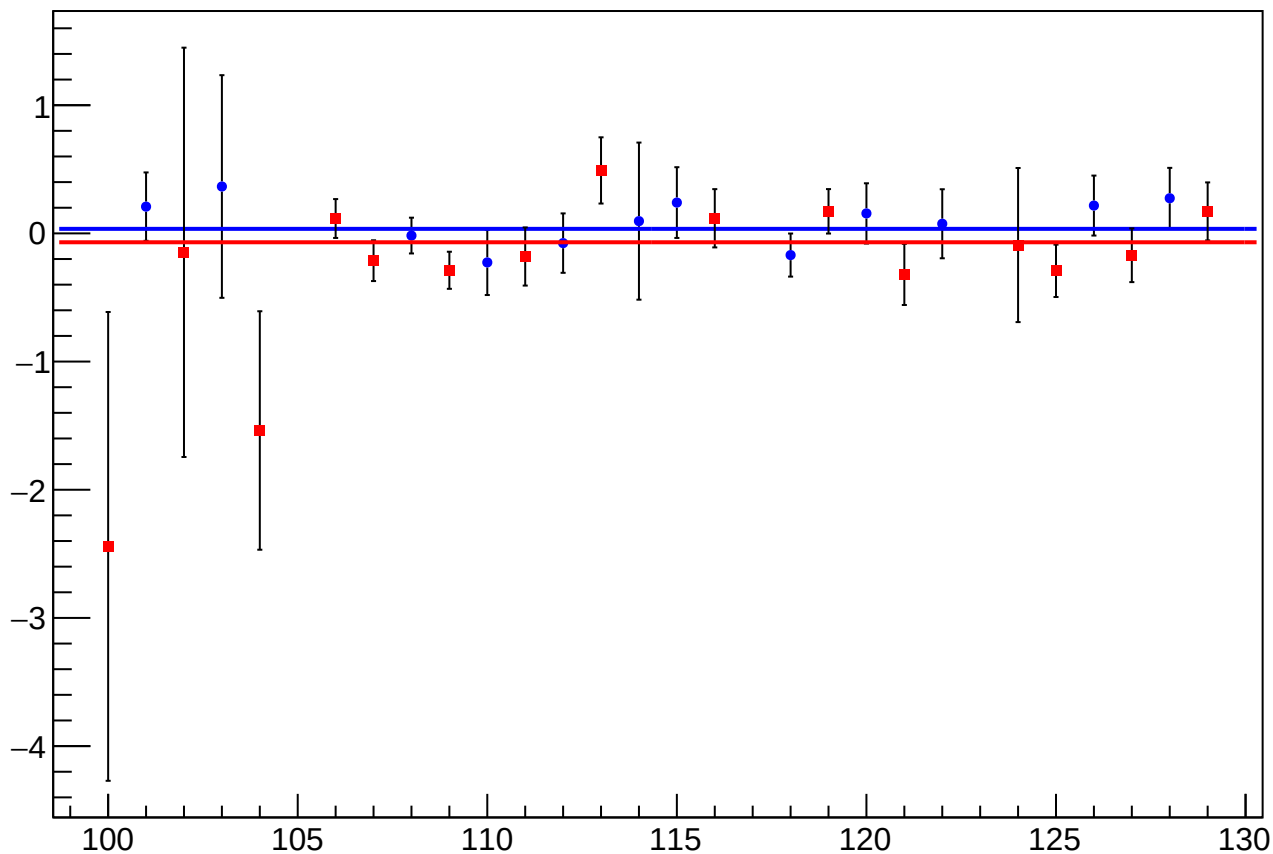
Right: 126.680+/-0.031 χ^2/NDF : 3489536.8/26

In: 137.423+/-0.048 χ^2/NDF : 1318377.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.680+/-0.031 χ^2/NDF : 3489536.8/26

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035+/-0.067 χ^2/NDF : 5.9/11

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

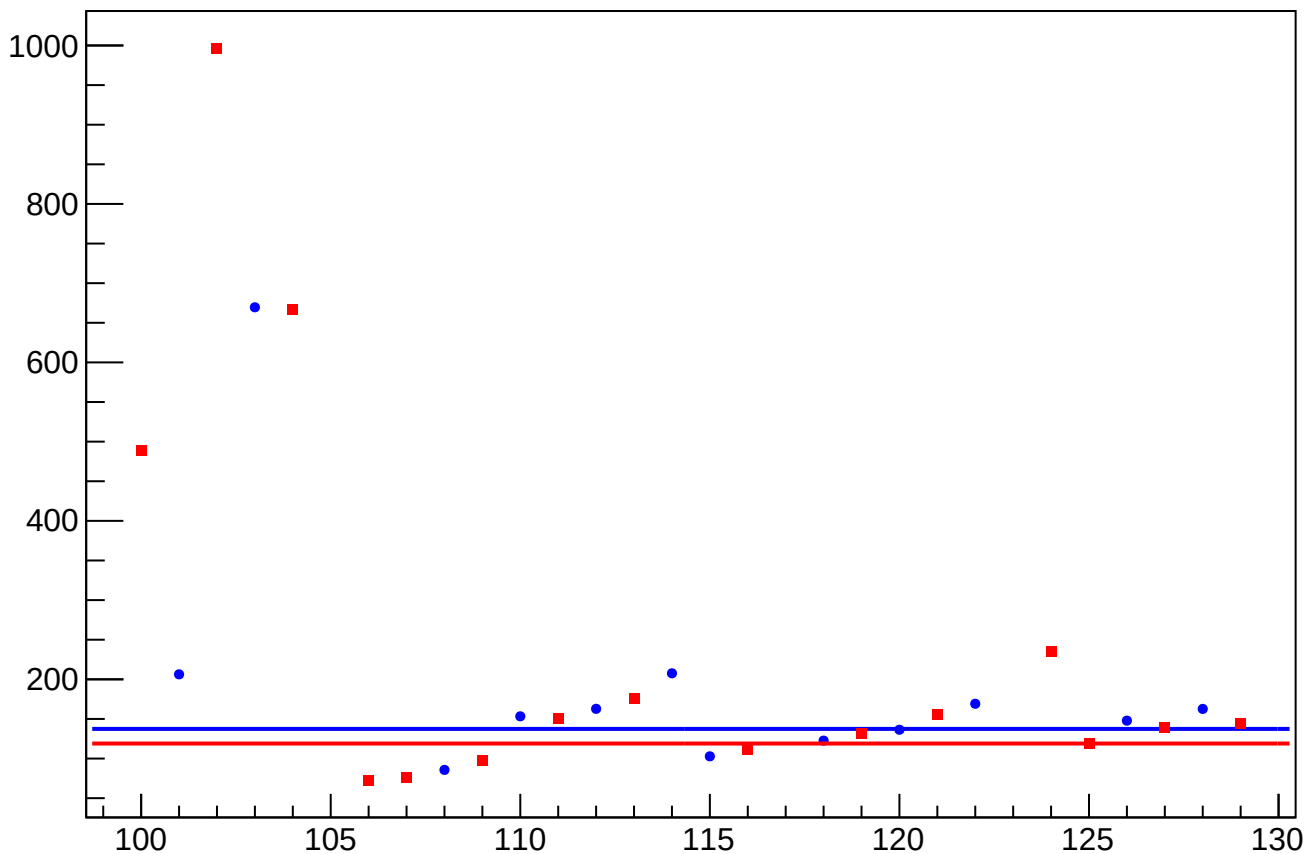
Right: -0.026+/-0.044 χ^2/NDF : 27.3/26

In: 0.035+/-0.067 χ^2/NDF : 5.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.026+/-0.044 χ^2/NDF : 27.3/26

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 137.423+/-0.048 χ^2/NDF : 1318377.6/11

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

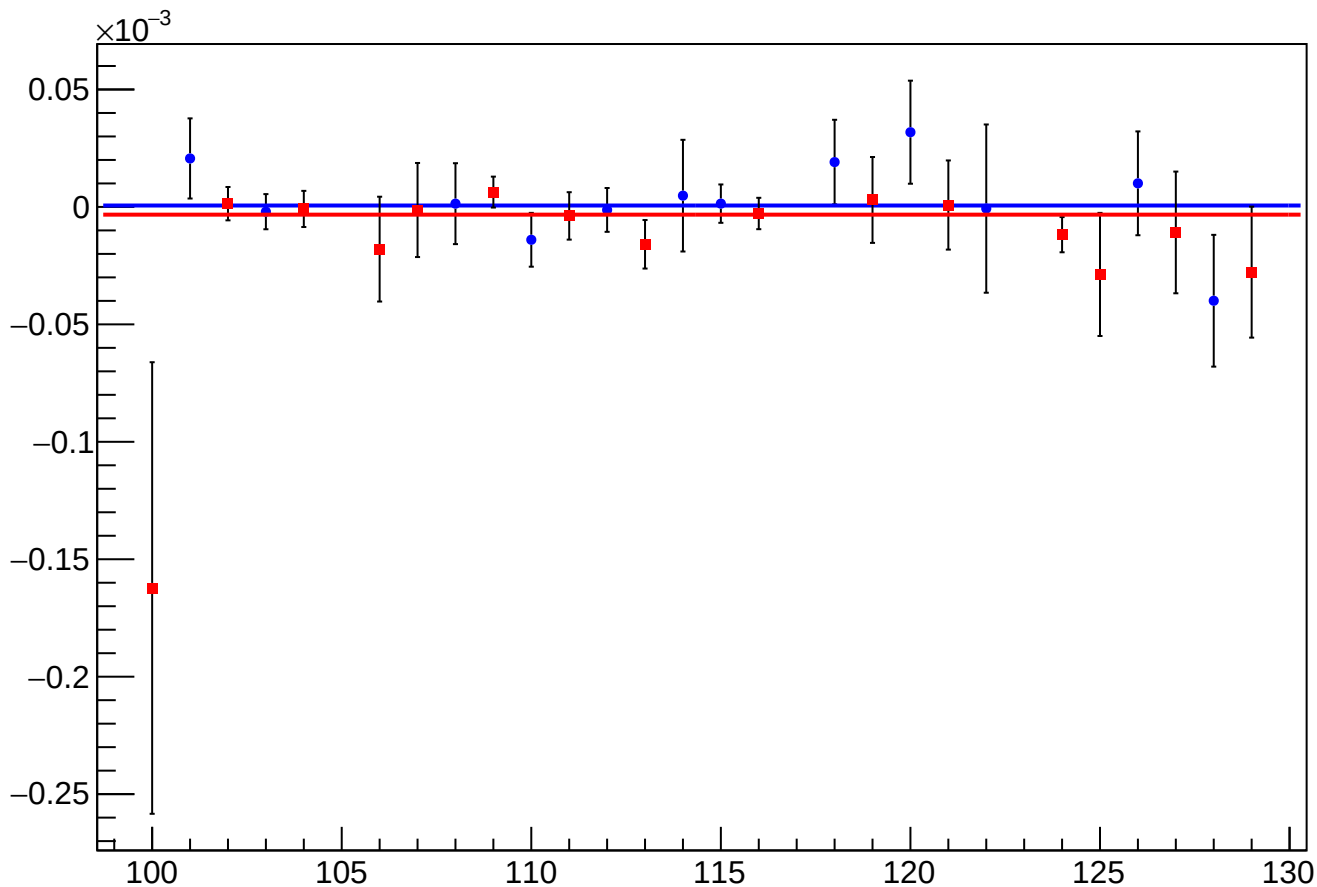
Right: 126.680+/-0.031 χ^2/NDF : 3489536.8/26

In: 137.423+/-0.048 χ^2/NDF : 1318377.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.680+/-0.031 χ^2/NDF : 3489536.8/26

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

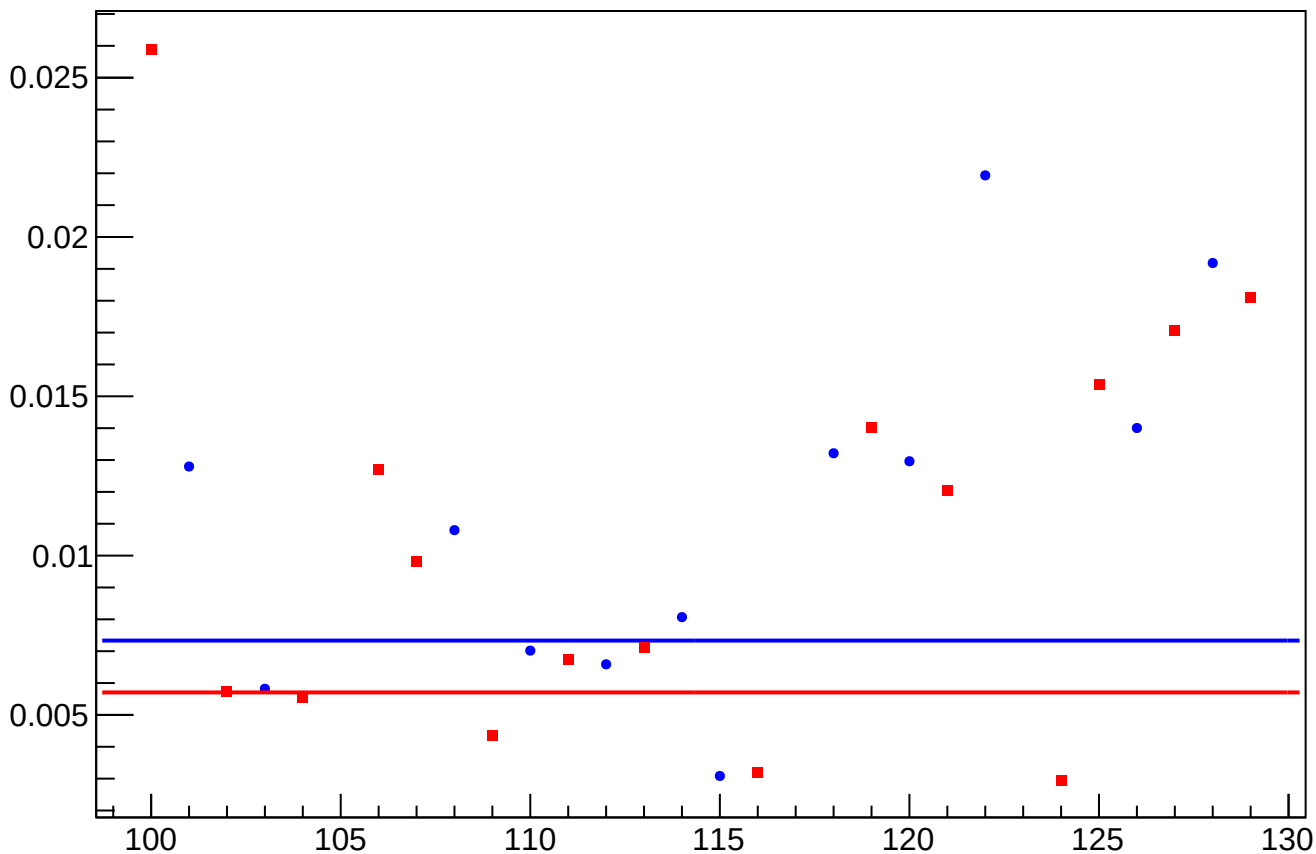
Right: -0.000+/-0.000 χ^2/NDF : 19.9/26

In: 0.000+/-0.000 χ^2/NDF : 8.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.9/26

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 2142080.2/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 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

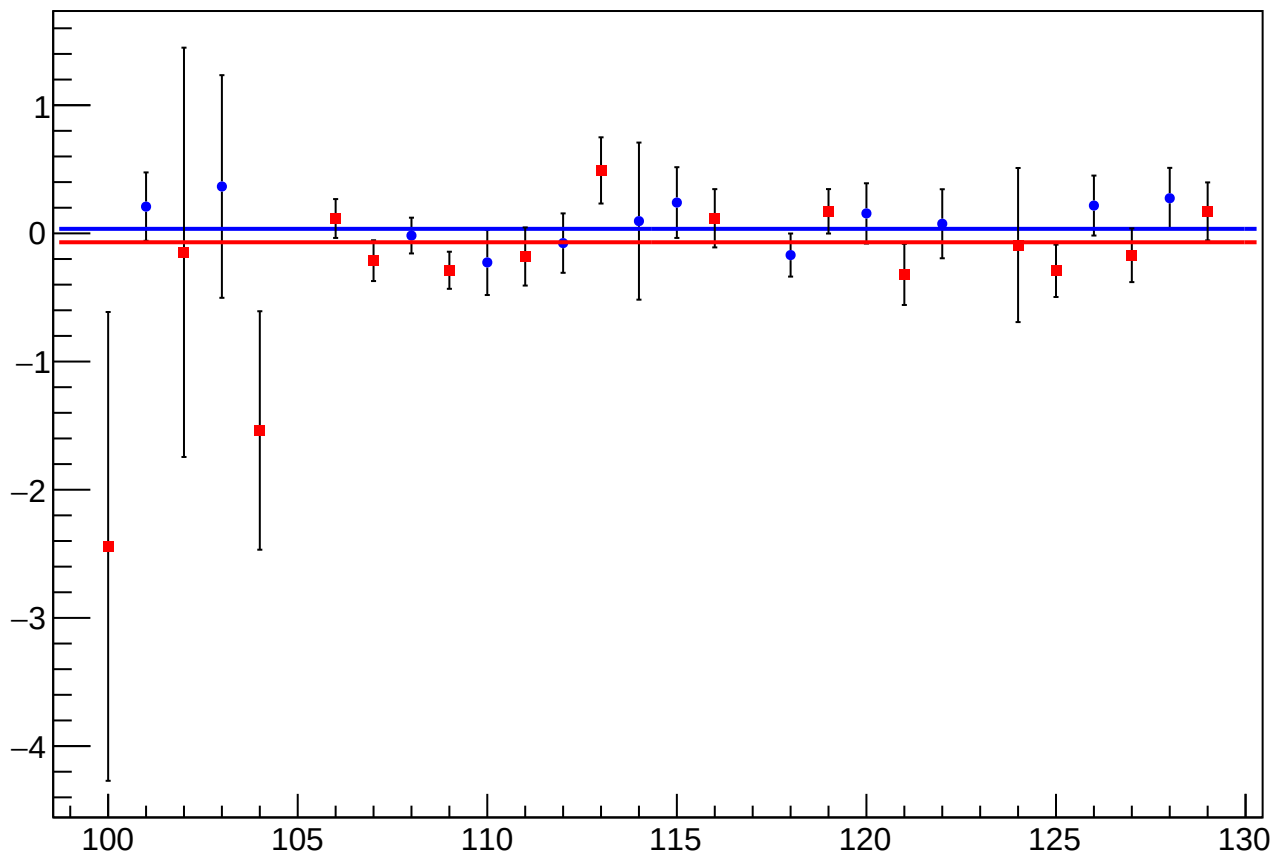
Right: 0.006+/-0.000 χ^2/NDF : 5140988.1/26

In: 0.007+/-0.000 χ^2/NDF :2142080.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 5140988.1/26

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035 $\pm$ 0.067 χ^2 /NDF: 5.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.069 $\pm$ 0.057 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

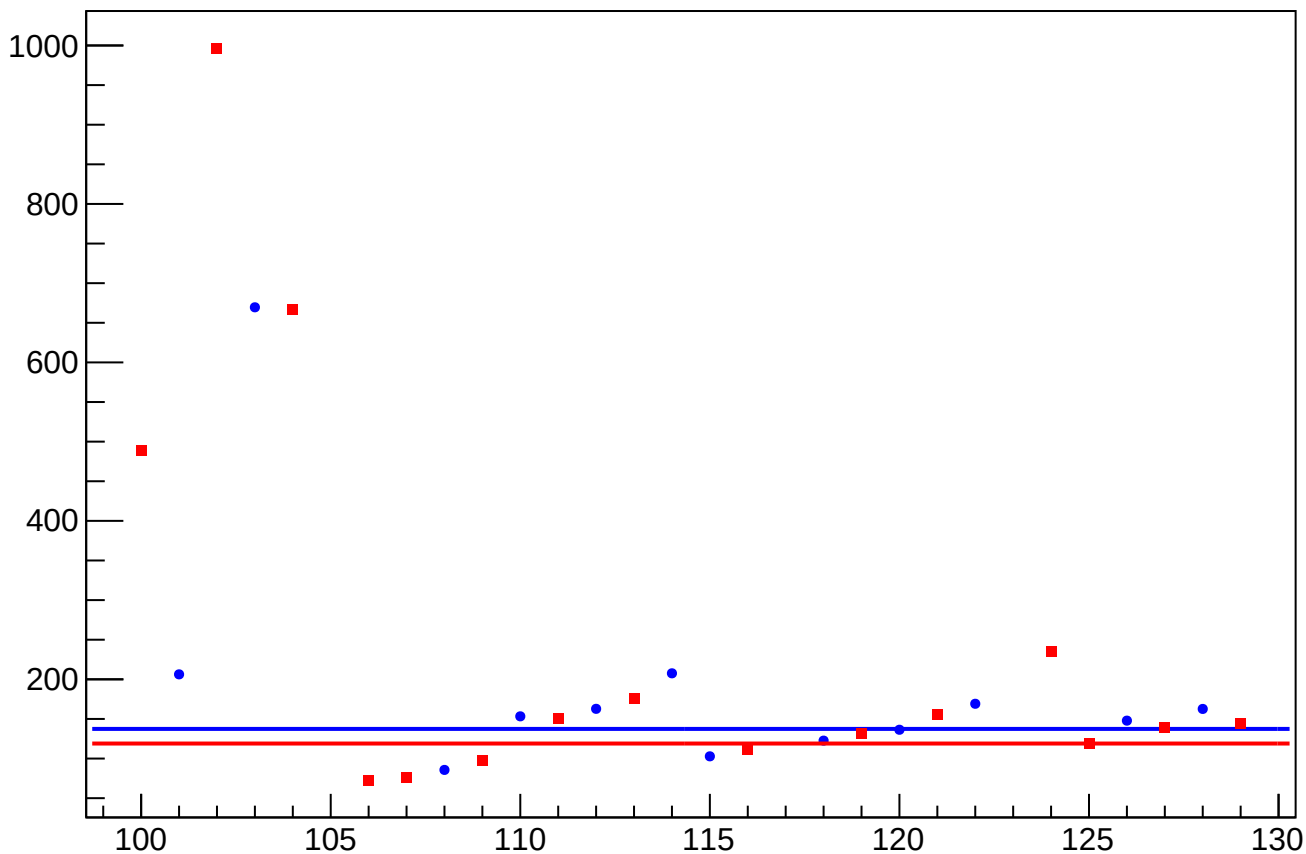
Right: -0.026 $\pm$ 0.044 χ^2 /NDF: 27.3/26

In: 0.035 $\pm$ 0.067 χ^2 /NDF:5.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.026 $\pm$ 0.044 χ^2 /NDF: 27.3/26

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 137.420+/-0.048 χ^2/NDF : 1318449.9/11

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

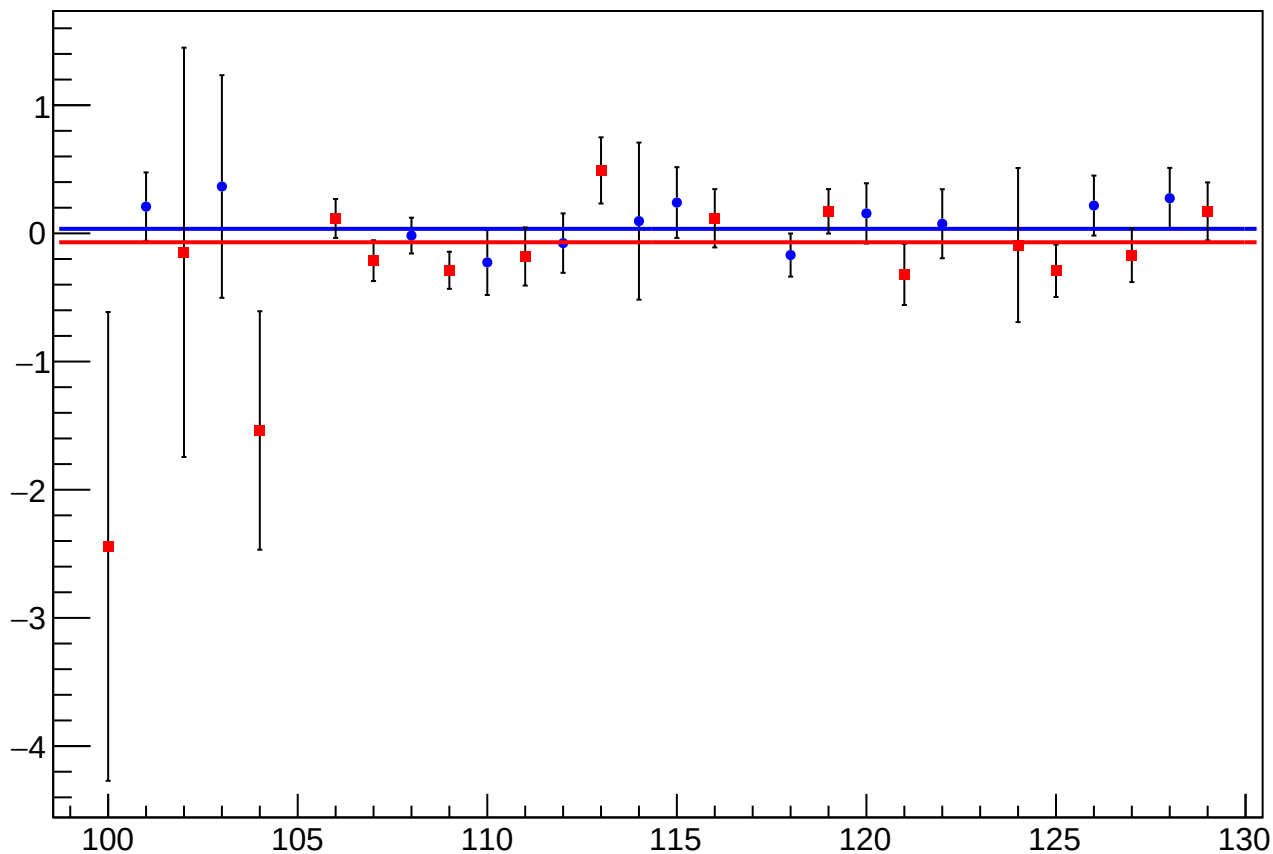
Right: 126.679+/-0.031 χ^2/NDF : 3489565.1/26

In: 137.420+/-0.048 χ^2/NDF : 1318449.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.679+/-0.031 χ^2/NDF : 3489565.1/26

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035 $\pm$ 0.067 χ^2 /NDF: 5.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.069 $\pm$ 0.057 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

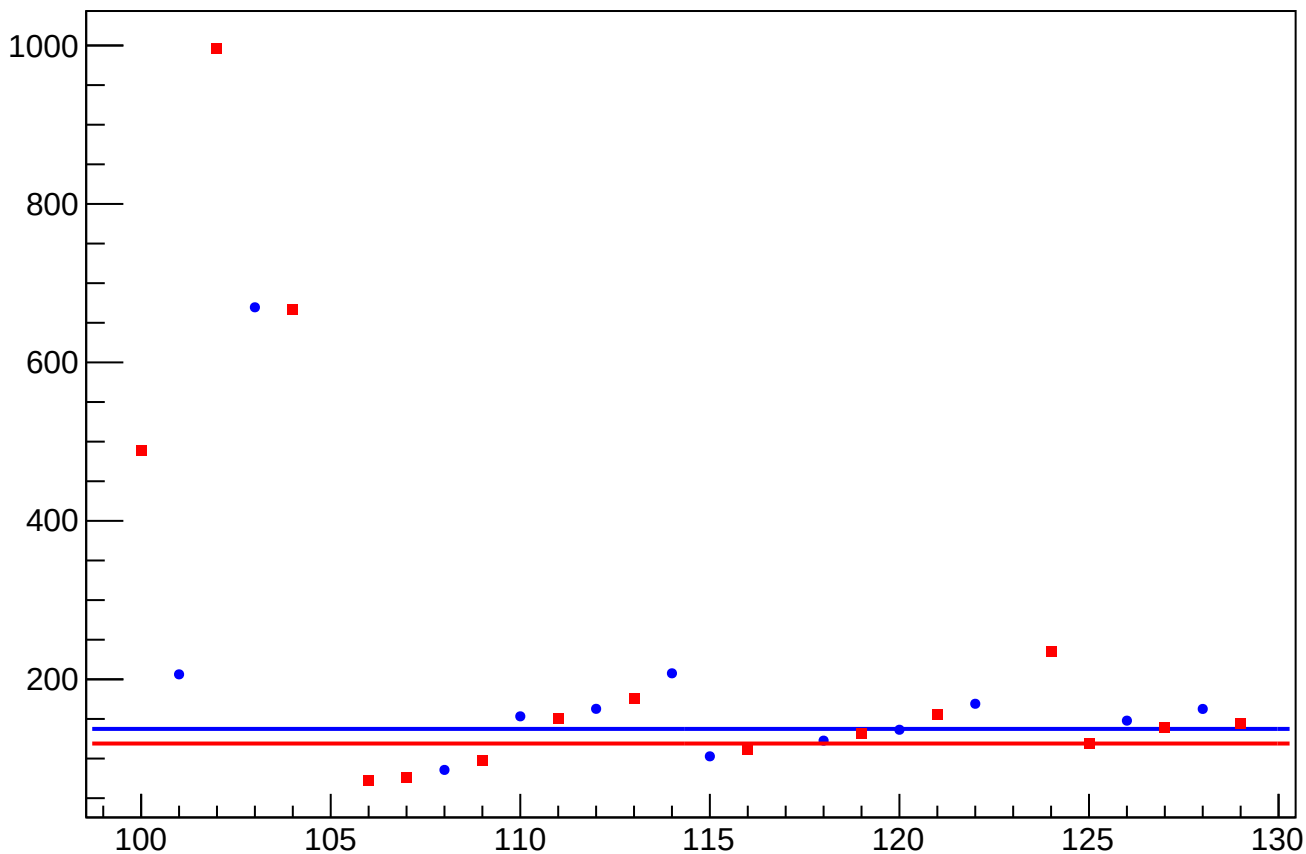
Right: -0.026 $\pm$ 0.044 χ^2 /NDF: 27.3/26

In: 0.035 $\pm$ 0.067 χ^2 /NDF:5.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.026 $\pm$ 0.044 χ^2 /NDF: 27.3/26

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 137.420+/-0.048 χ^2/NDF : 1318449.9/11

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

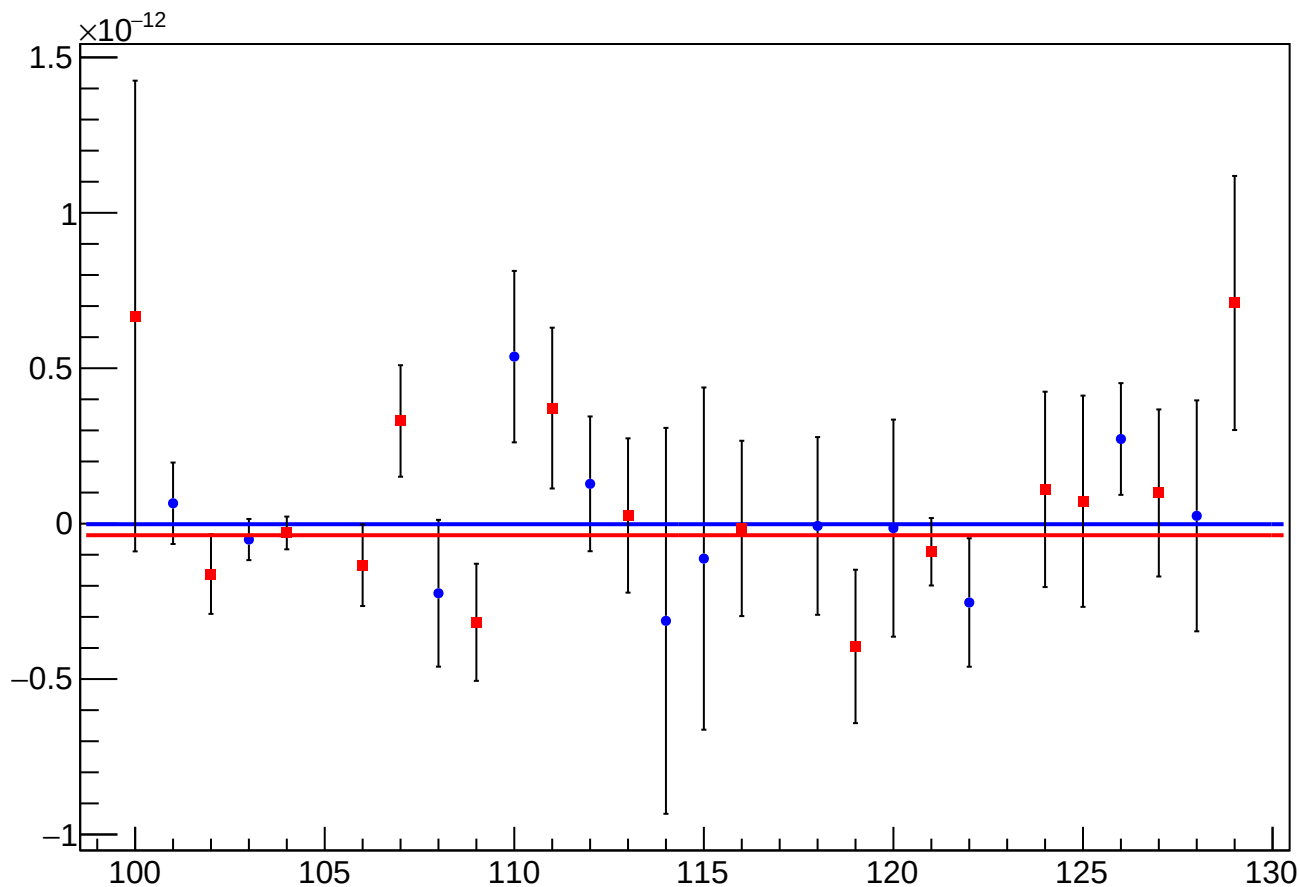
Right: 126.679+/-0.031 χ^2/NDF : 3489565.1/26

In: 137.420+/-0.048 χ^2/NDF : 1318449.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.679+/-0.031 χ^2/NDF : 3489565.1/26

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.0/11

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

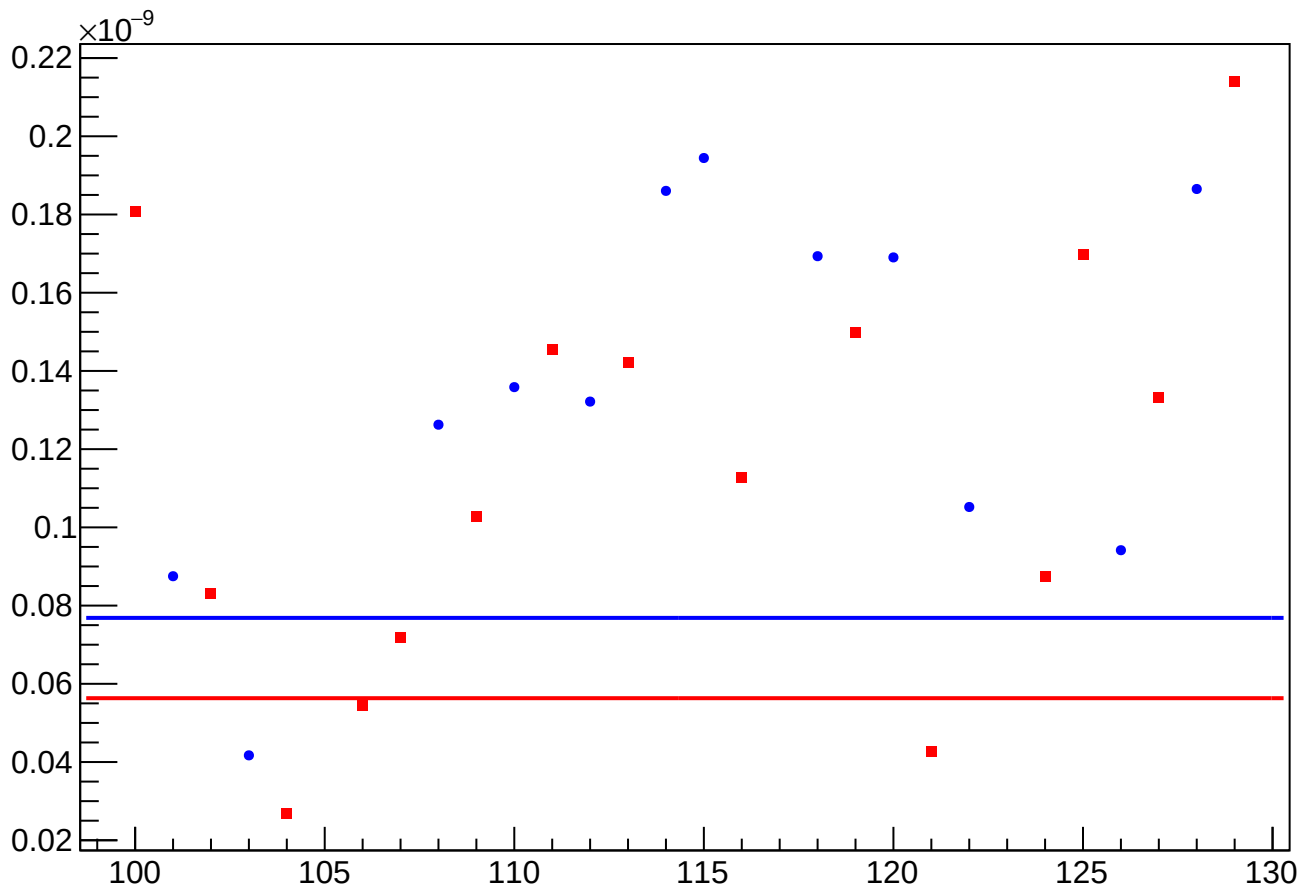
Right: -0.000+/-0.000 χ^2/NDF : 28.0/26

In: -0.000+/-0.000 χ^2/NDF : 10.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.0/26

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1617955.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

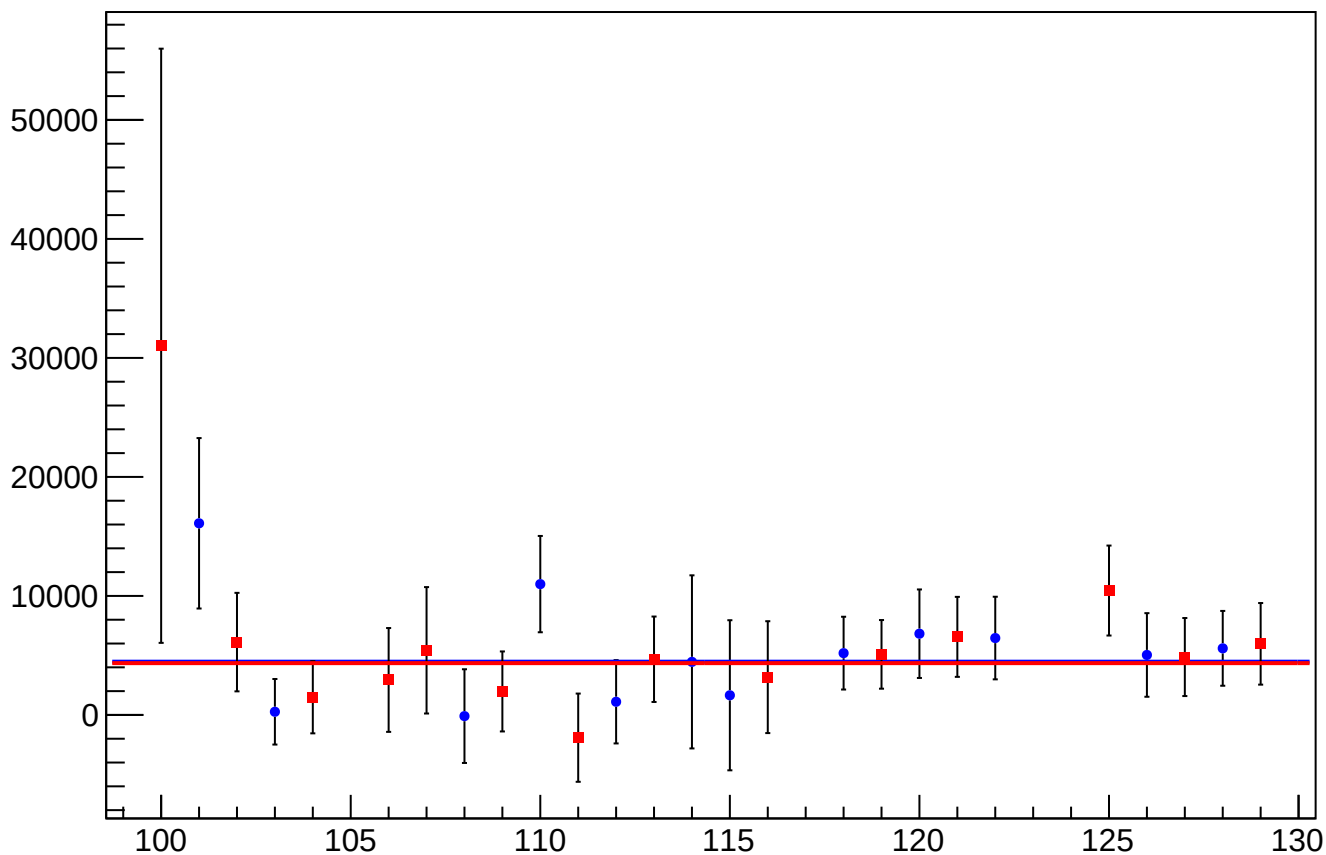
Right: 0.000+/-0.000 χ^2/NDF : 4328250.4/26

In: 0.000+/-0.000 χ^2/NDF : 1617955.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4328250.4/26

reg_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4474.014+/-1086.522 χ^2/NDF : 11.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

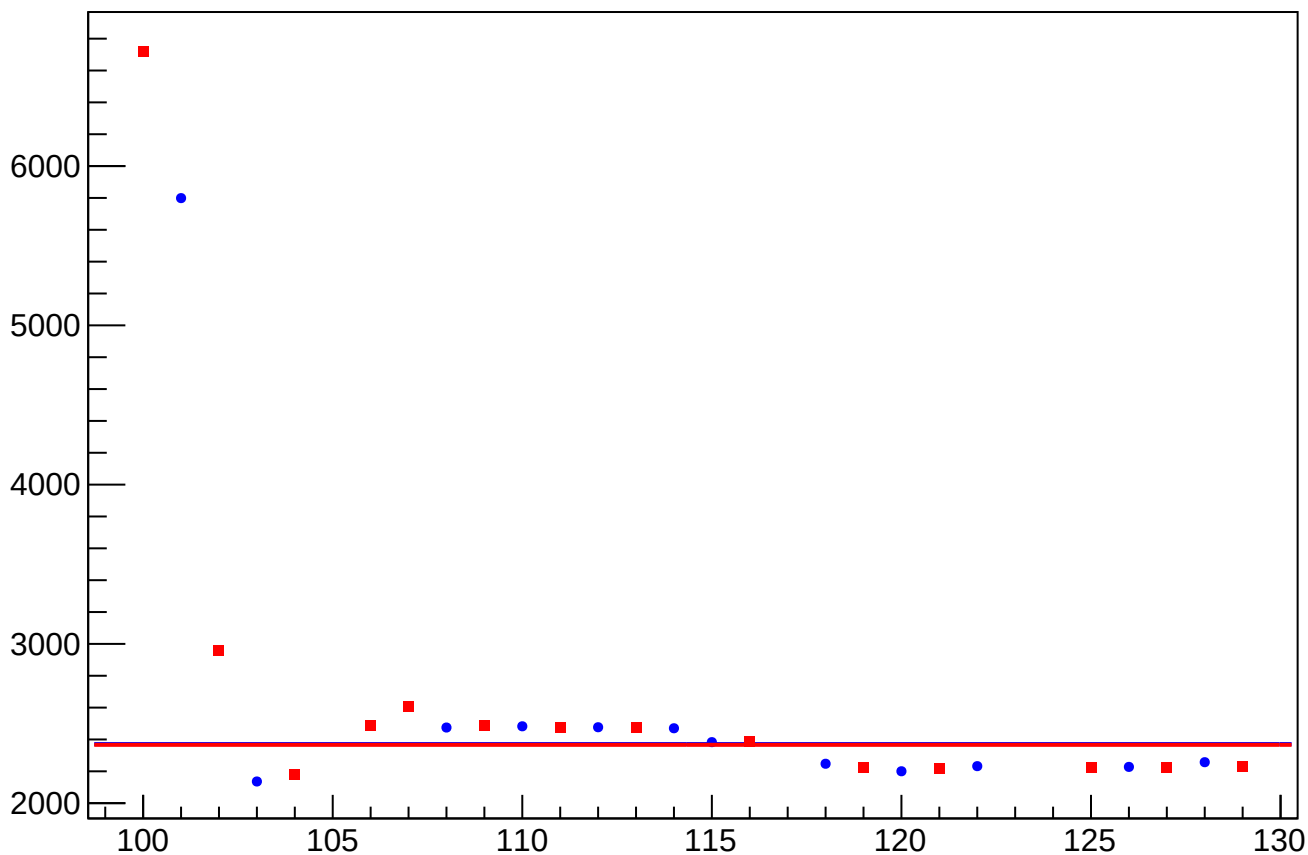
Right: 4408.374+/-736.252 χ^2/NDF : 20.1/25

In: 4474.014+/-1086.522 χ^2/NDF : 11.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4408.374+/-736.252 χ^2/NDF : 20.1/25

reg_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2371.080+/-0.768 χ^2/NDF : 494563.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

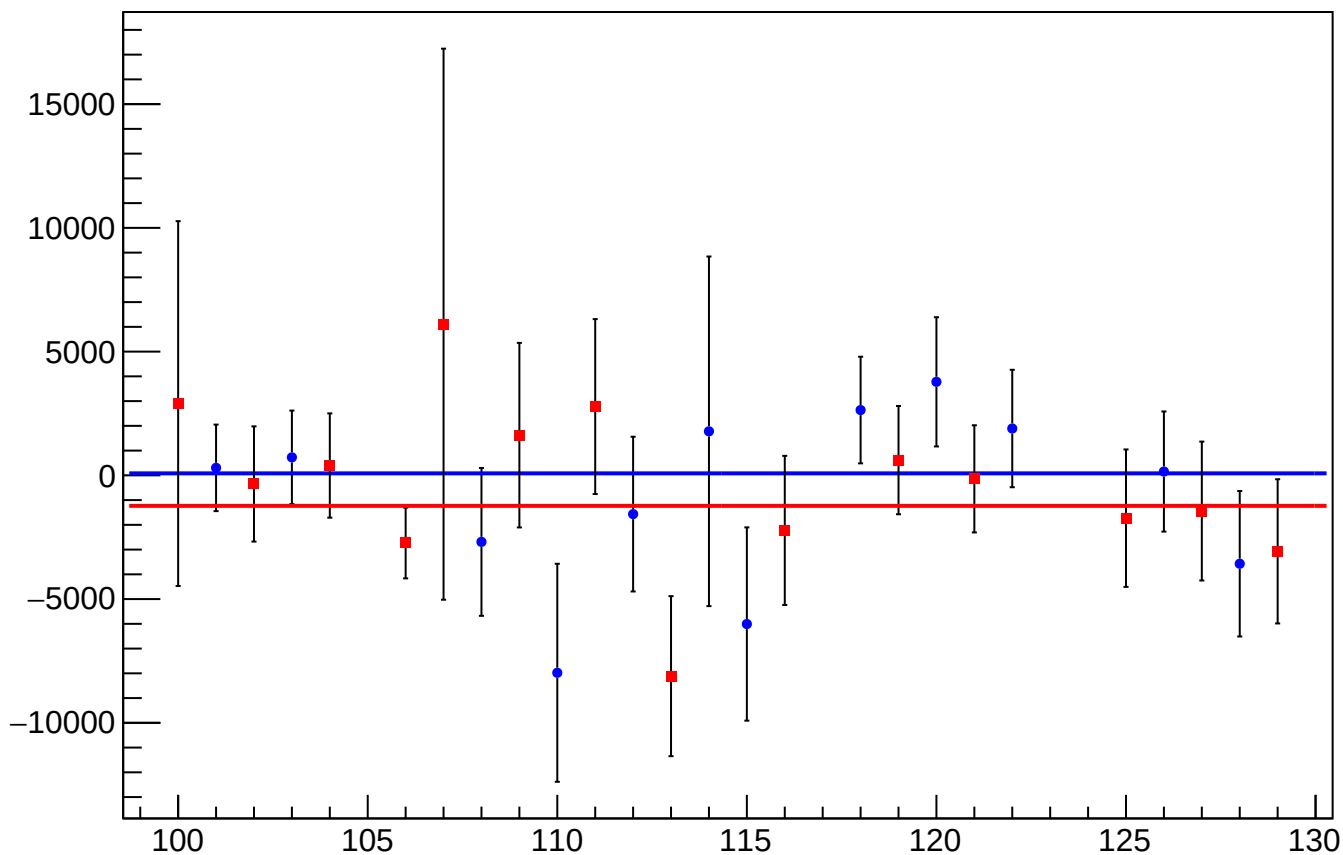
Right: 2368.517+/-0.521 χ^2/NDF : 634589.1/25

In: 2371.080+/-0.768 χ^2/NDF : 494563.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2368.517+/-0.521 χ^2/NDF : 634589.1/25

asym_us_avg_at1lr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 80.309+/-748.679 χ^2/NDF : 12.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

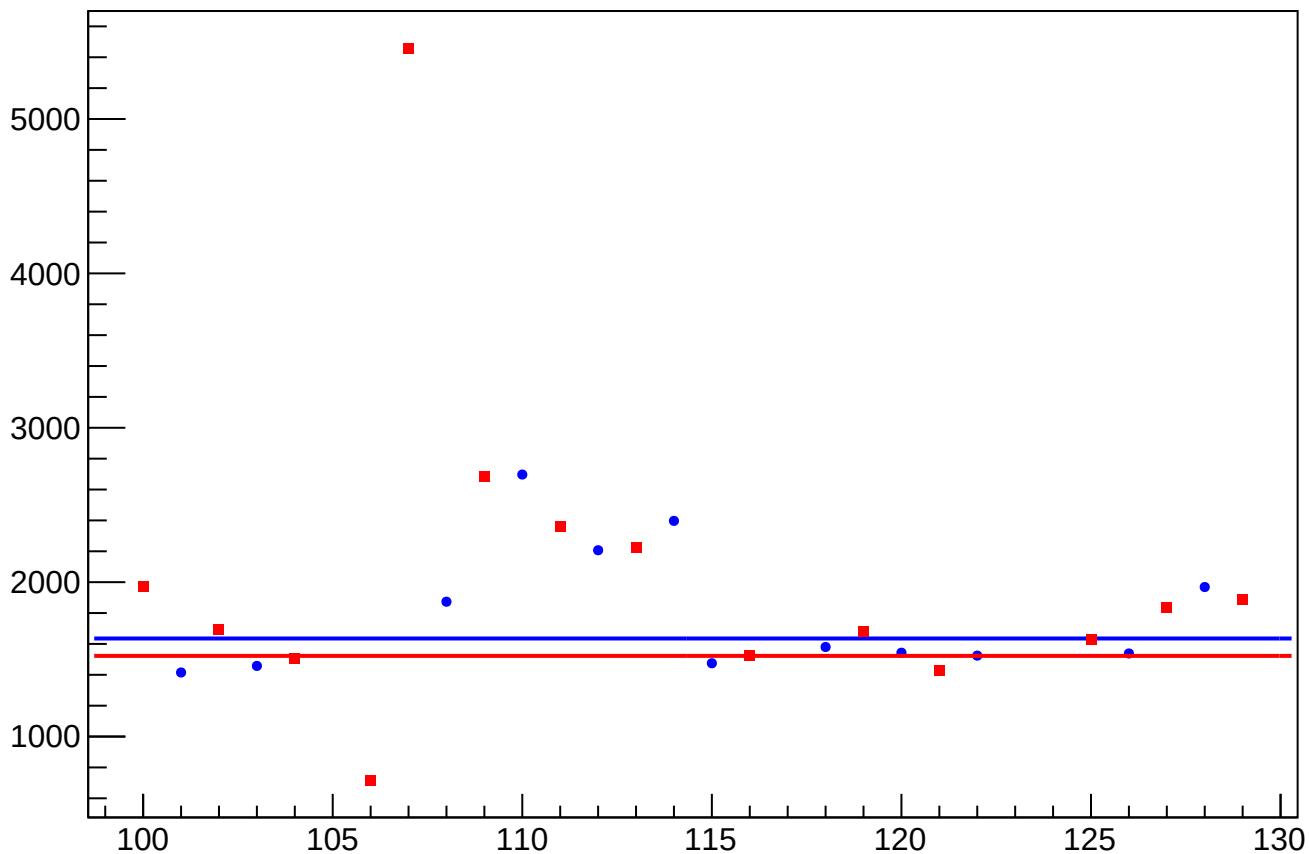
Right: -626.266+/-508.690 χ^2/NDF : 24.8/25

In: 80.309+/-748.679 χ^2/NDF : 12.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -626.266+/-508.690 χ^2/NDF : 24.8/25

asym_us_avg_at1lr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1635.170 +/- 0.529 χ^2 /NDF: 308955.7/11

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

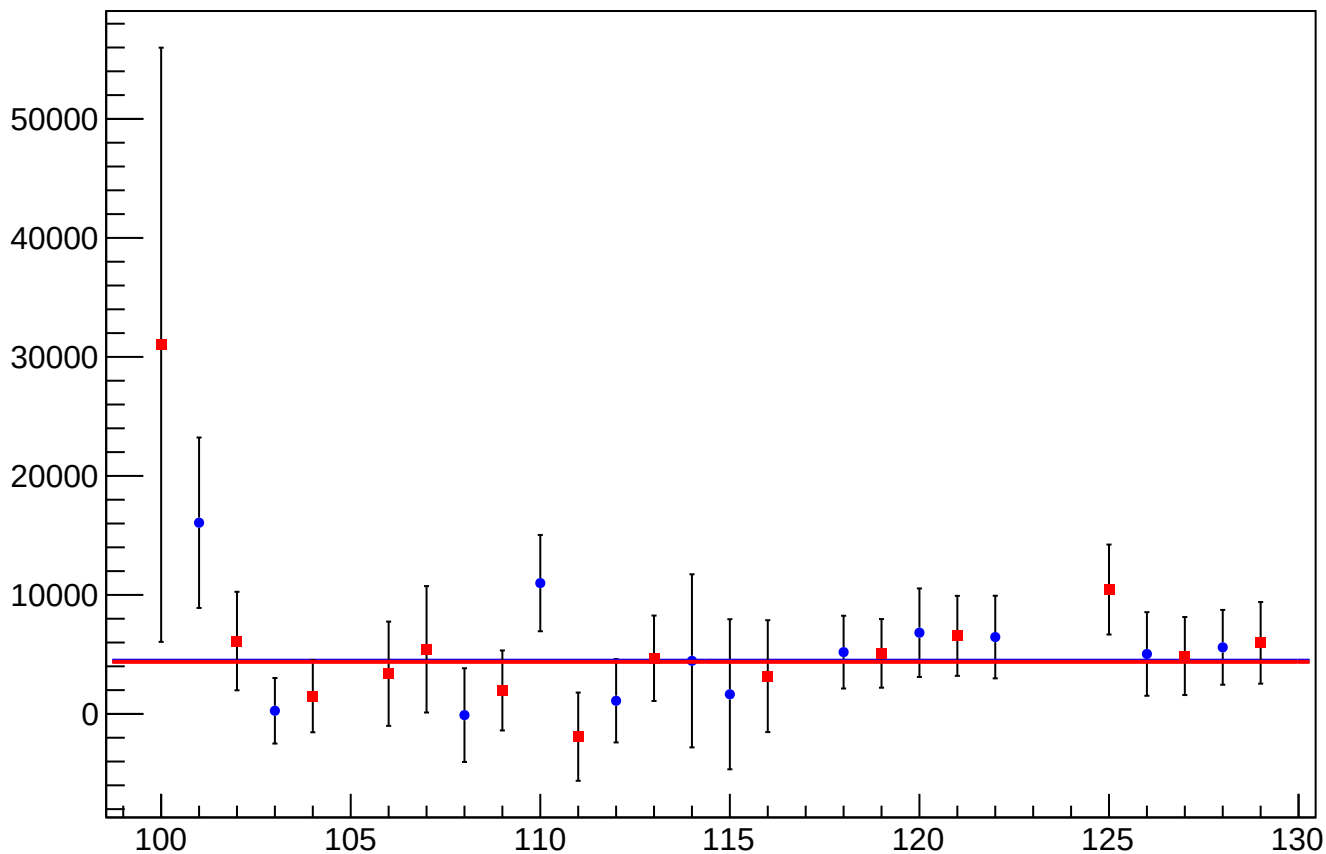
Right: 1574.529 +/- 0.360 χ^2 /NDF: 1716288.0/25

In: 1635.170 +/- 0.529 χ^2 /NDF: 308955.7/11

Out: 0.000 +/- 0.000 χ^2 /NDF: 0.0/0

All: 1574.529 +/- 0.360 χ^2 /NDF: 1716288.0/25

cor_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4473.146+/-1086.522 χ^2/NDF : 11.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

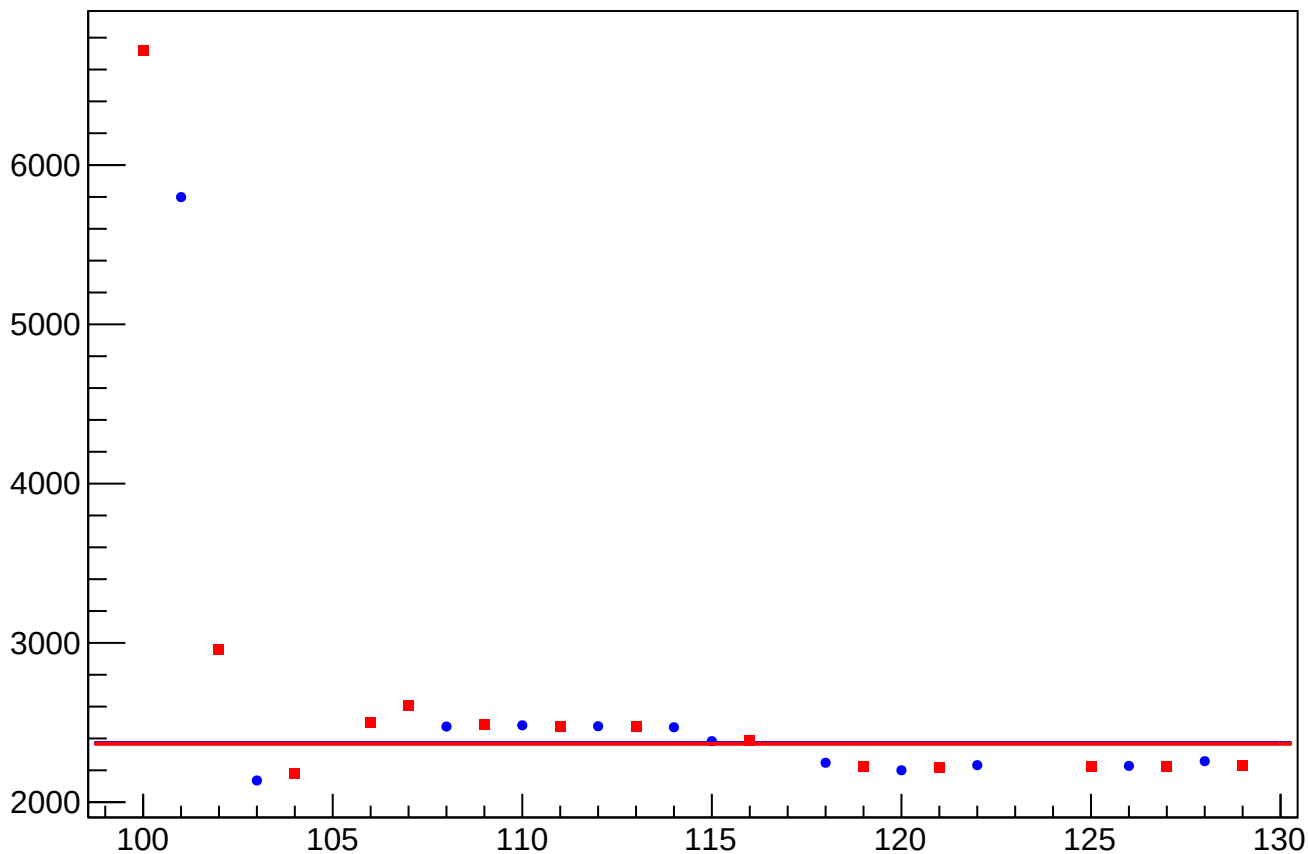
Right: 4421.063+/-736.343 χ^2/NDF : 20.0/25

In: 4473.146+/-1086.522 χ^2/NDF : 11.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4421.063+/-736.343 χ^2/NDF : 20.0/25

cor_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2371.079+/-0.768 χ^2/NDF : 494563.9/11

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

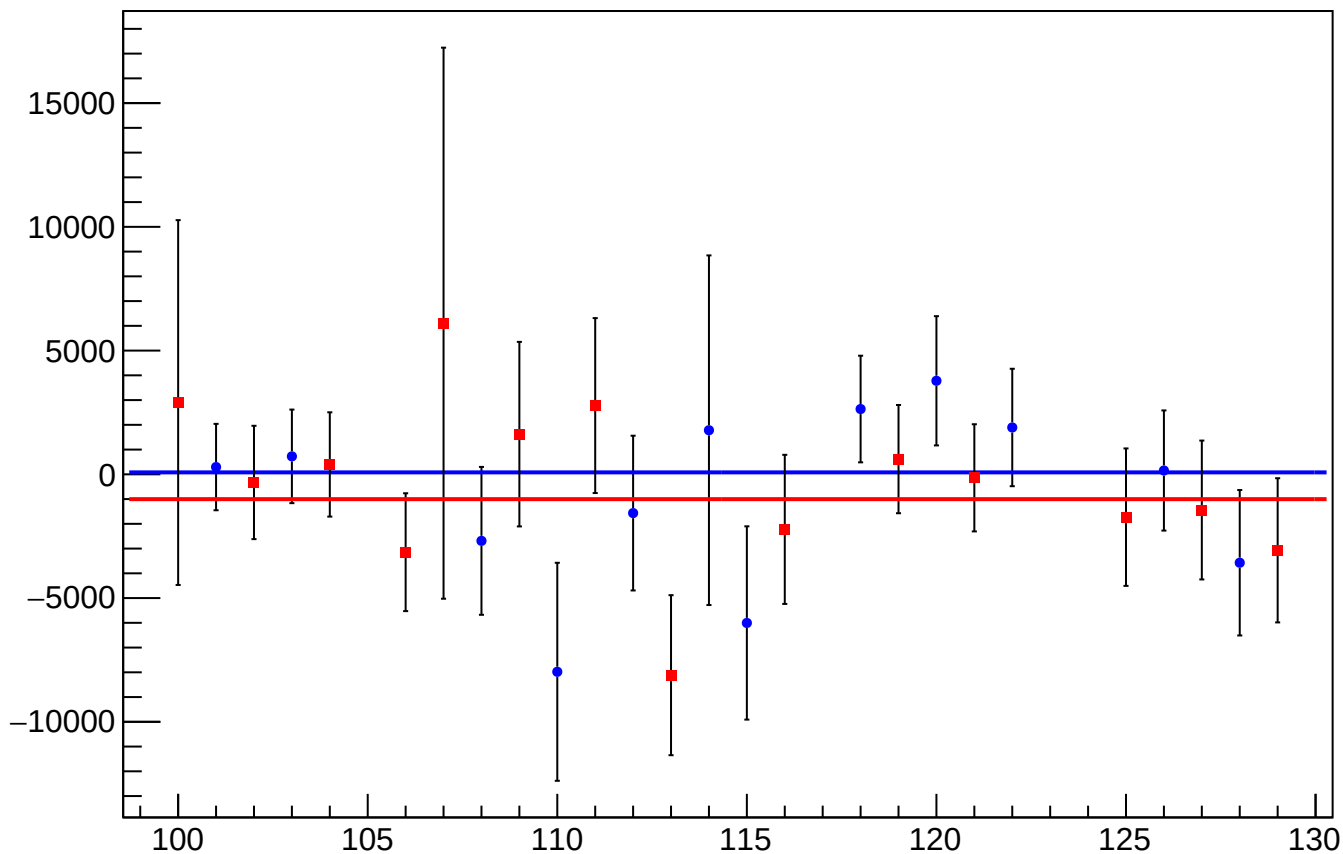
Right: 2368.790+/-0.521 χ^2/NDF : 634859.8/25

In: 2371.079+/-0.768 χ^2/NDF : 494563.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2368.790+/-0.521 χ^2/NDF : 634859.8/25

asym_us_avg_at1lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 78.761+/-748.490 χ^2/NDF : 12.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

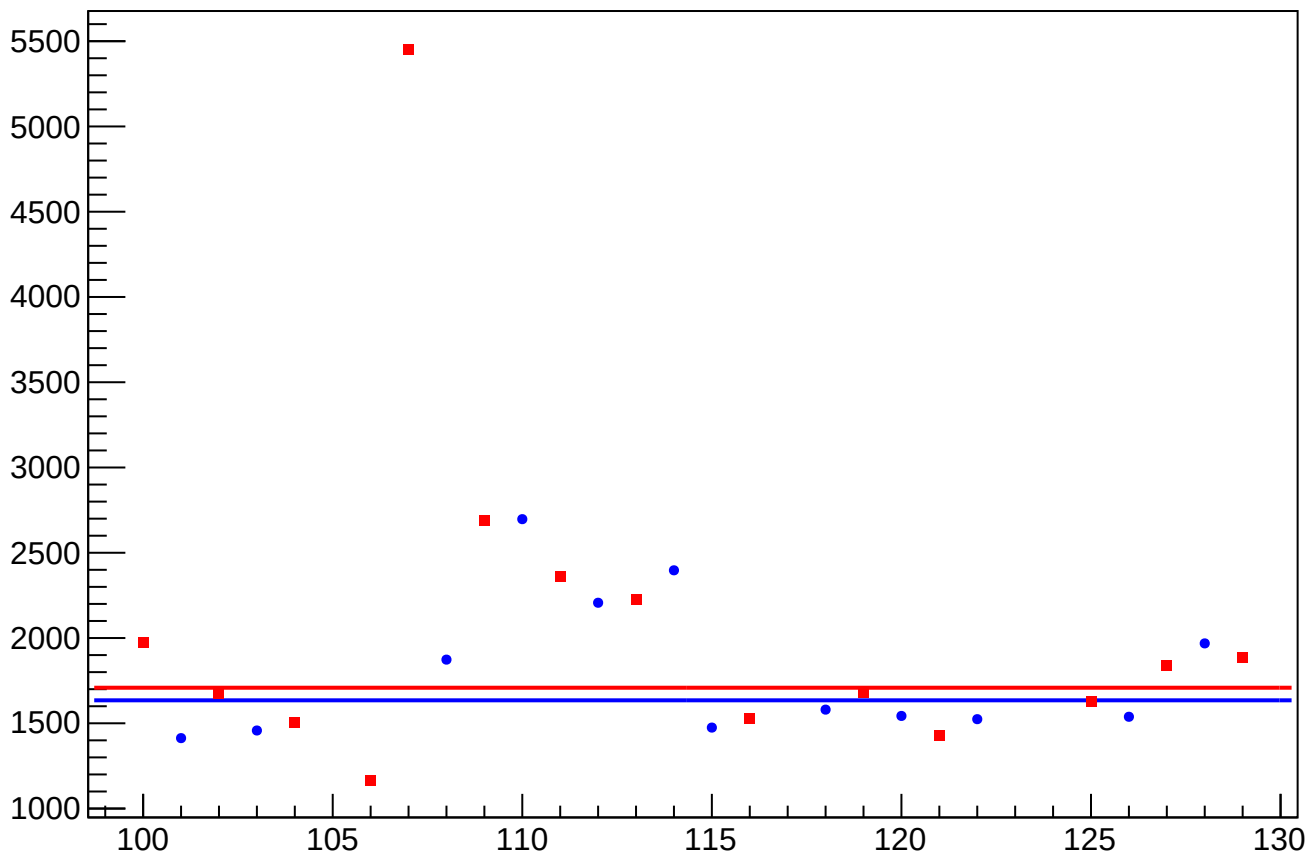
Right: -460.244+/-530.100 χ^2/NDF : 23.7/25

In: 78.761+/-748.490 χ^2/NDF : 12.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -460.244+/-530.100 χ^2/NDF : 23.7/25

asym_us_avg_at1lr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1634.714+/-0.529 χ^2/NDF : 309601.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

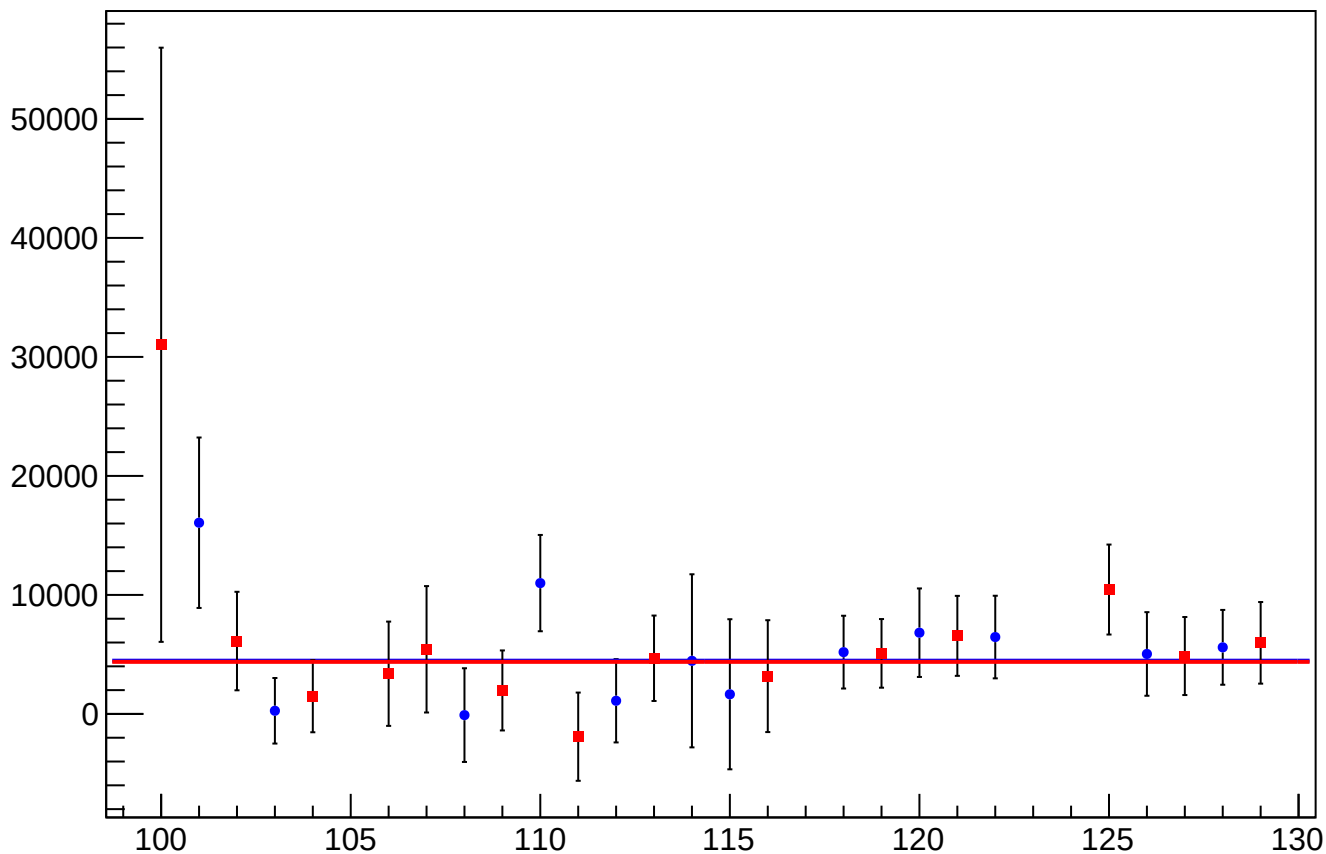
Right: 1671.526+/-0.375 χ^2/NDF : 983799.5/25

In: 1634.714+/-0.529 χ^2/NDF : 309601.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1671.526+/-0.375 χ^2/NDF : 983799.5/25

eigen_cor_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4473.146+/-1086.522 χ^2/NDF : 11.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

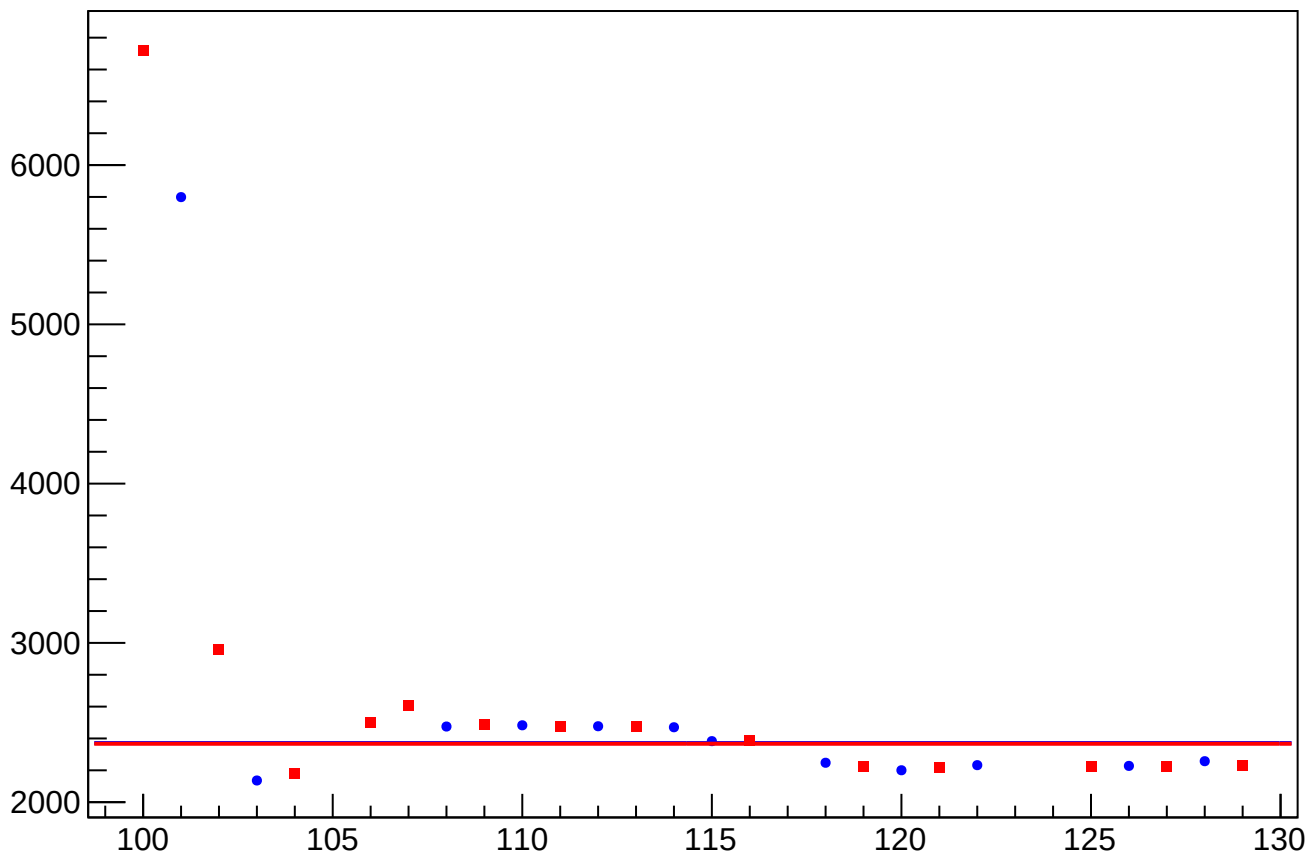
Right: 4421.063+/-736.343 χ^2/NDF : 20.0/25

In: 4473.146+/-1086.522 χ^2/NDF : 11.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4421.063+/-736.343 χ^2/NDF : 20.0/25

eigen_cor_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2371.079+/-0.768 χ^2/NDF : 494563.9/11

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

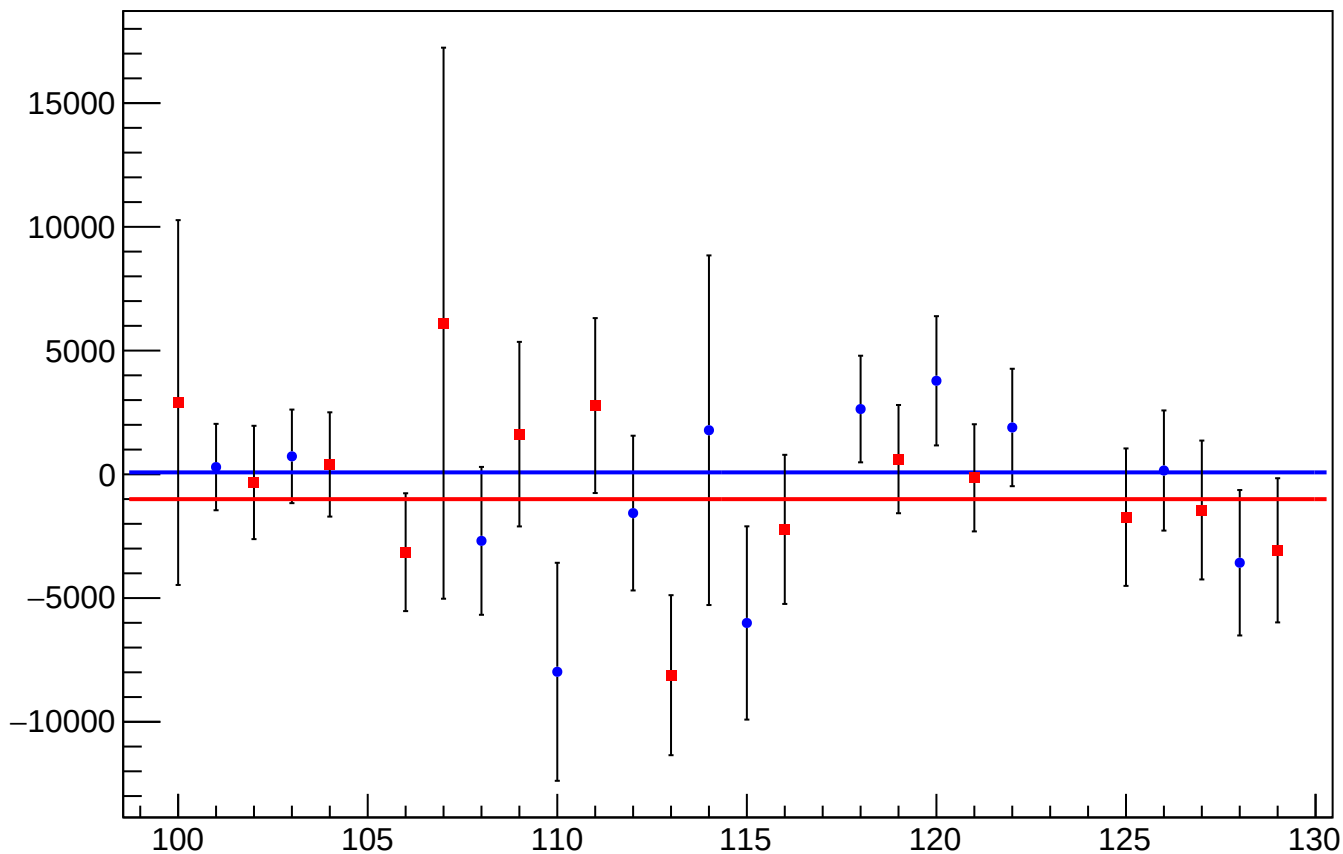
Right: 2368.790+/-0.521 χ^2/NDF : 634859.8/25

In: 2371.079+/-0.768 χ^2/NDF : 494563.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2368.790+/-0.521 χ^2/NDF : 634859.8/25

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 78.761+/-748.490 χ^2/NDF : 12.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

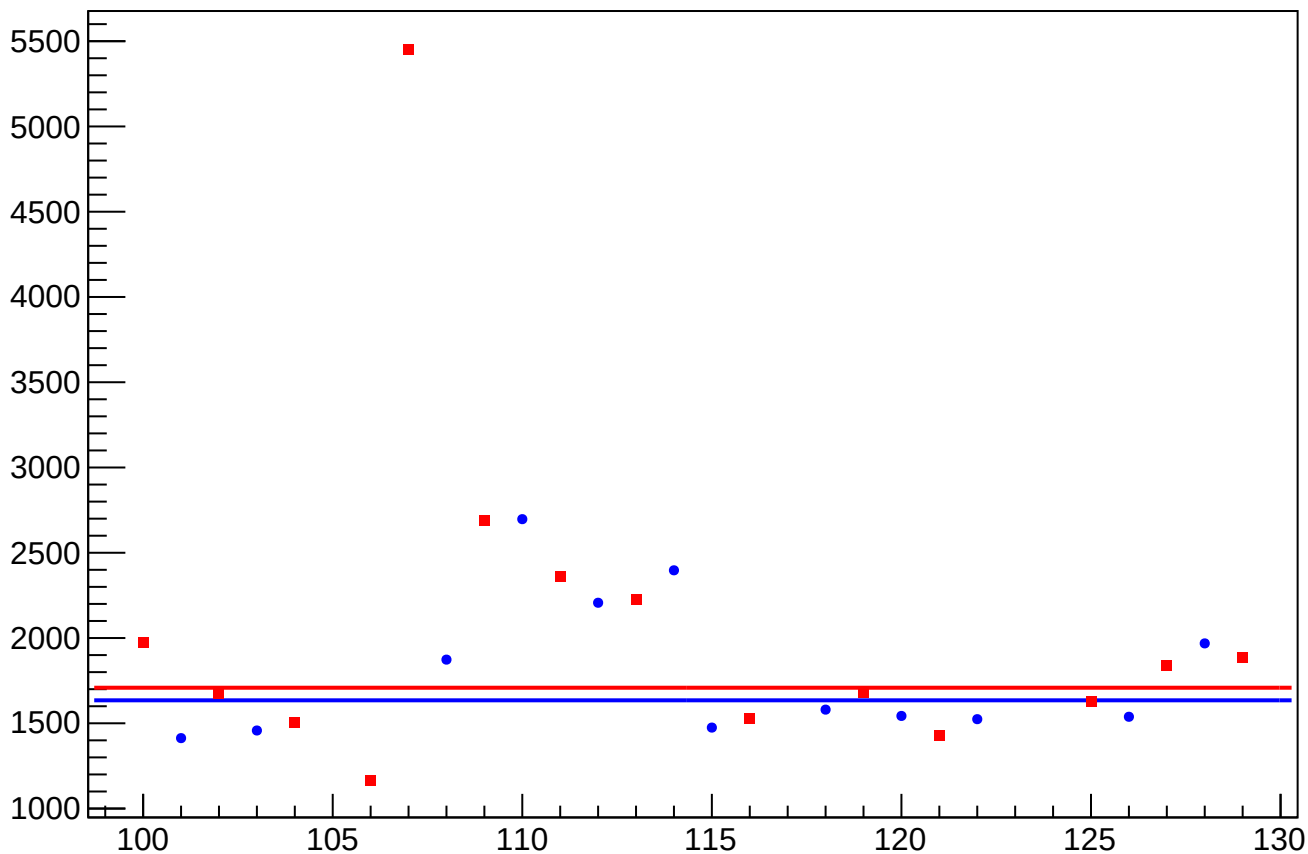
Right: -460.244+/-530.100 χ^2/NDF : 23.7/25

In: 78.761+/-748.490 χ^2/NDF : 12.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -460.244+/-530.100 χ^2/NDF : 23.7/25

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1634.714+/-0.529 χ^2/NDF : 309601.3/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

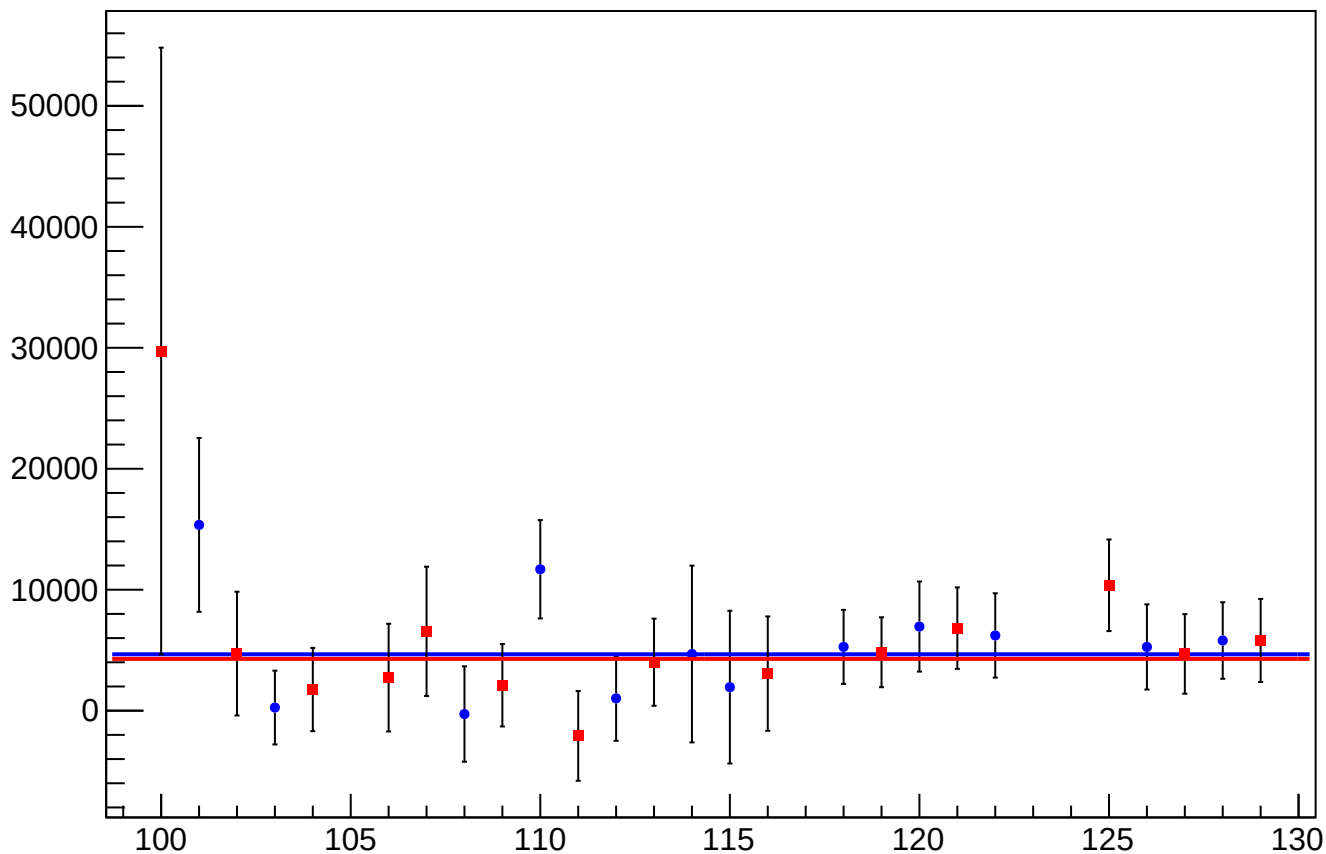
Right: 1671.526+/-0.375 χ^2/NDF : 983799.5/25

In: 1634.714+/-0.529 χ^2/NDF :309601.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1671.526+/-0.375 χ^2/NDF : 983799.5/25

dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4661.468+/-1105.434 χ^2/NDF : 10.9/11

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

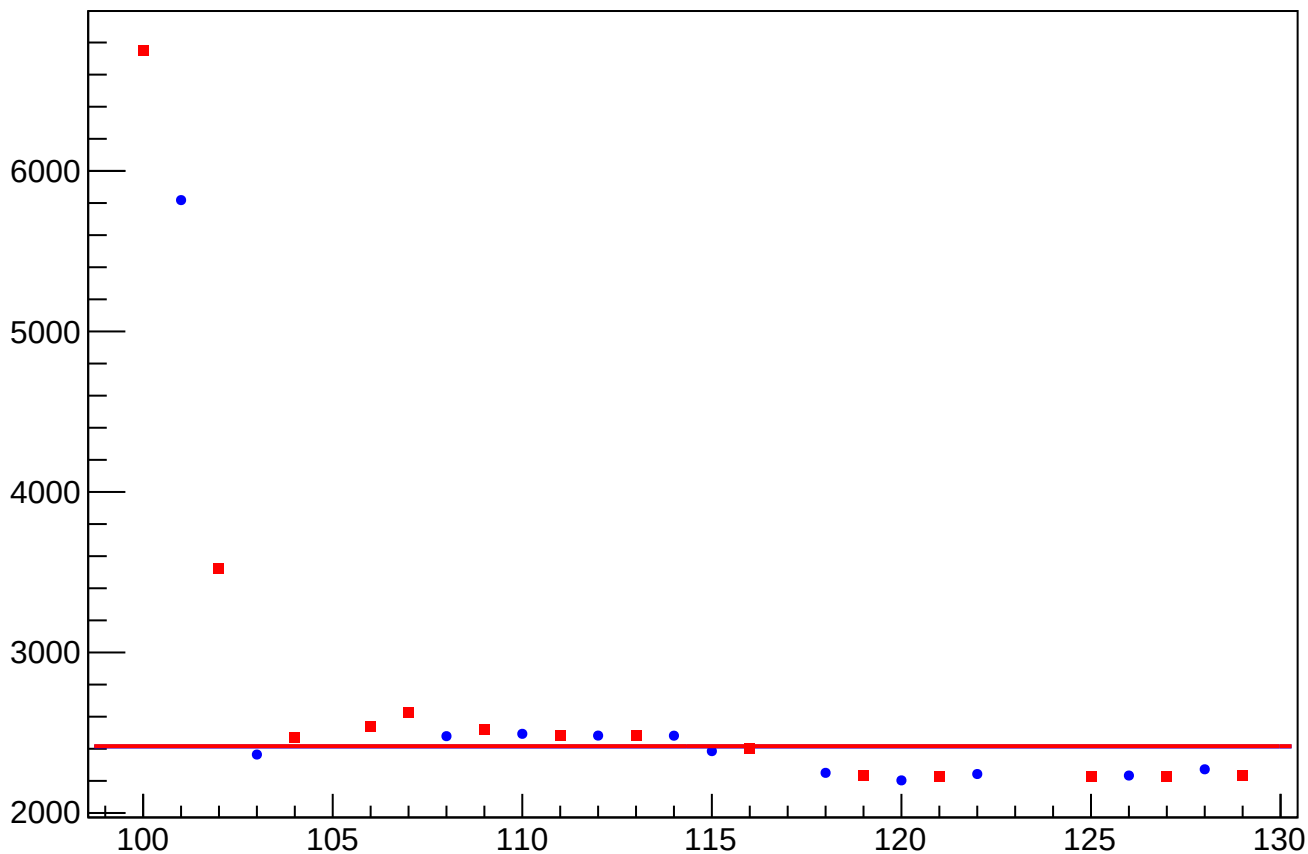
Right: 4458.306+/-753.007 χ^2/NDF : 19.7/25

In: 4661.468+/-1105.434 χ^2/NDF : 10.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4458.306+/-753.007 χ^2/NDF : 19.7/25

dit_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2414.162+/-0.782 χ^2/NDF : 477979.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

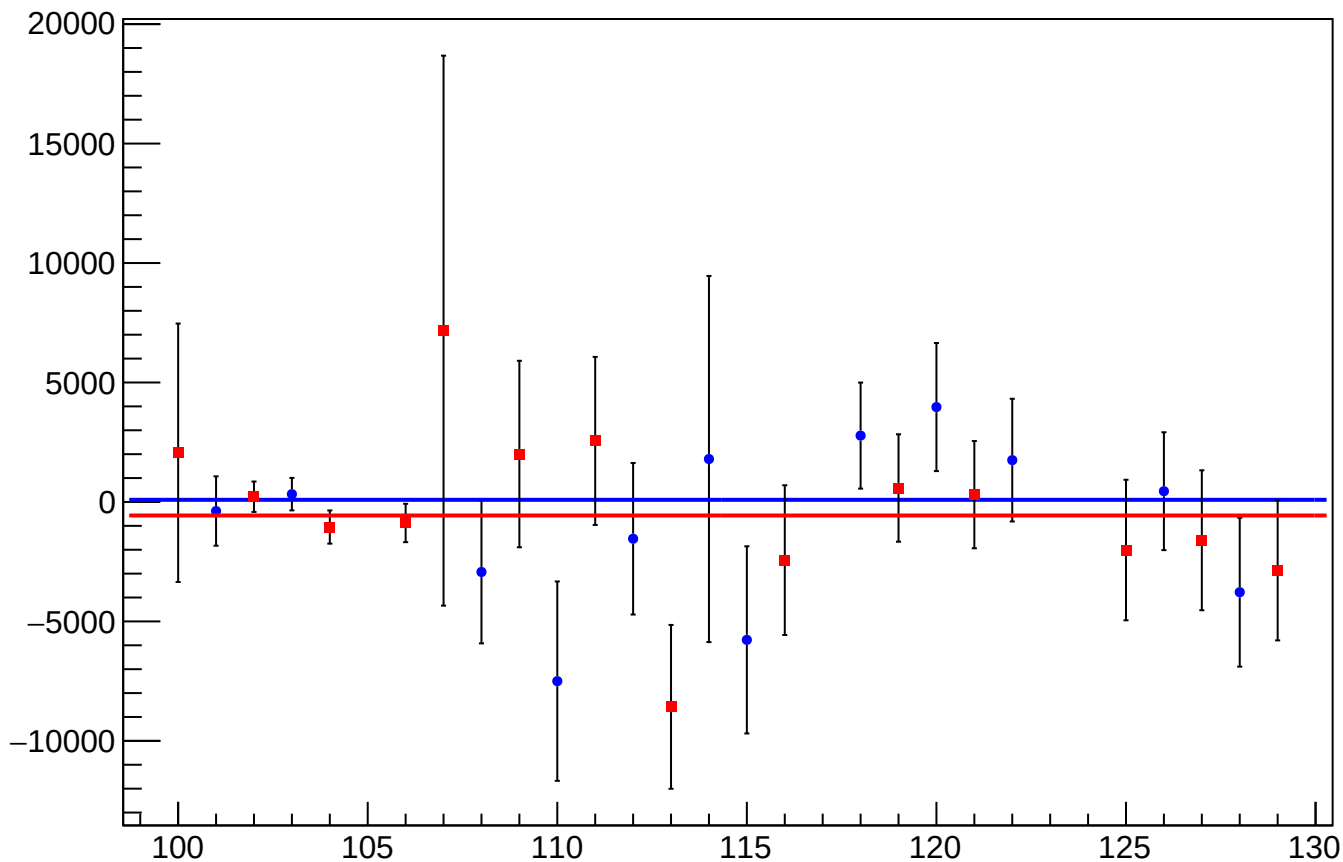
Right: 2415.298+/-0.532 χ^2/NDF : 671410.0/25

In: 2414.162+/-0.782 χ^2/NDF : 477979.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2415.298+/-0.532 χ^2/NDF : 671410.0/25

asym_us_avg_at1lr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 89.850+/-516.187 χ^2/NDF : 12.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

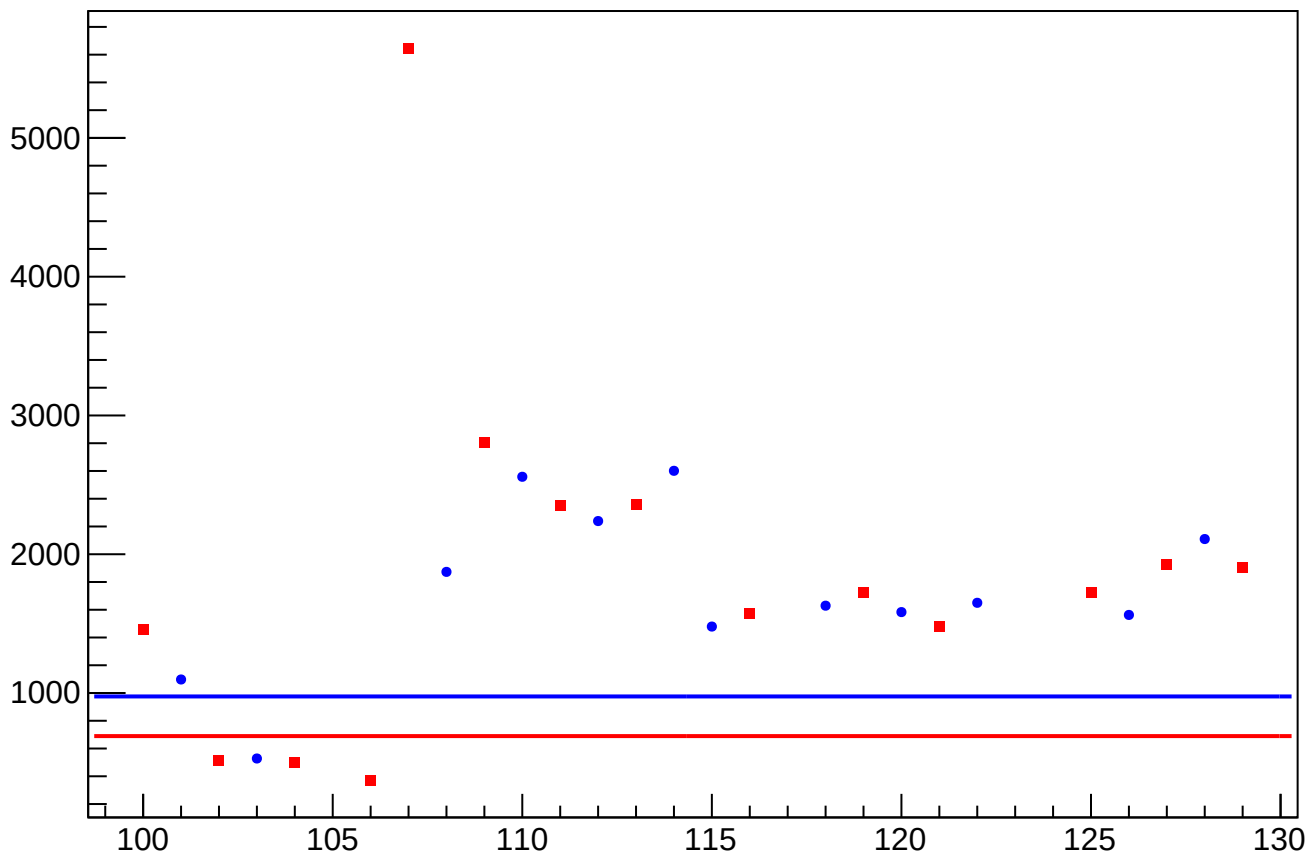
Right: -341.913+/-301.998 χ^2/NDF : 25.0/25

In: 89.850+/-516.187 χ^2/NDF : 12.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -341.913+/-301.998 χ^2/NDF : 25.0/25

asym_us_avg_at1lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 975.248+/-0.365 χ^2/NDF : 2582368.0/11

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

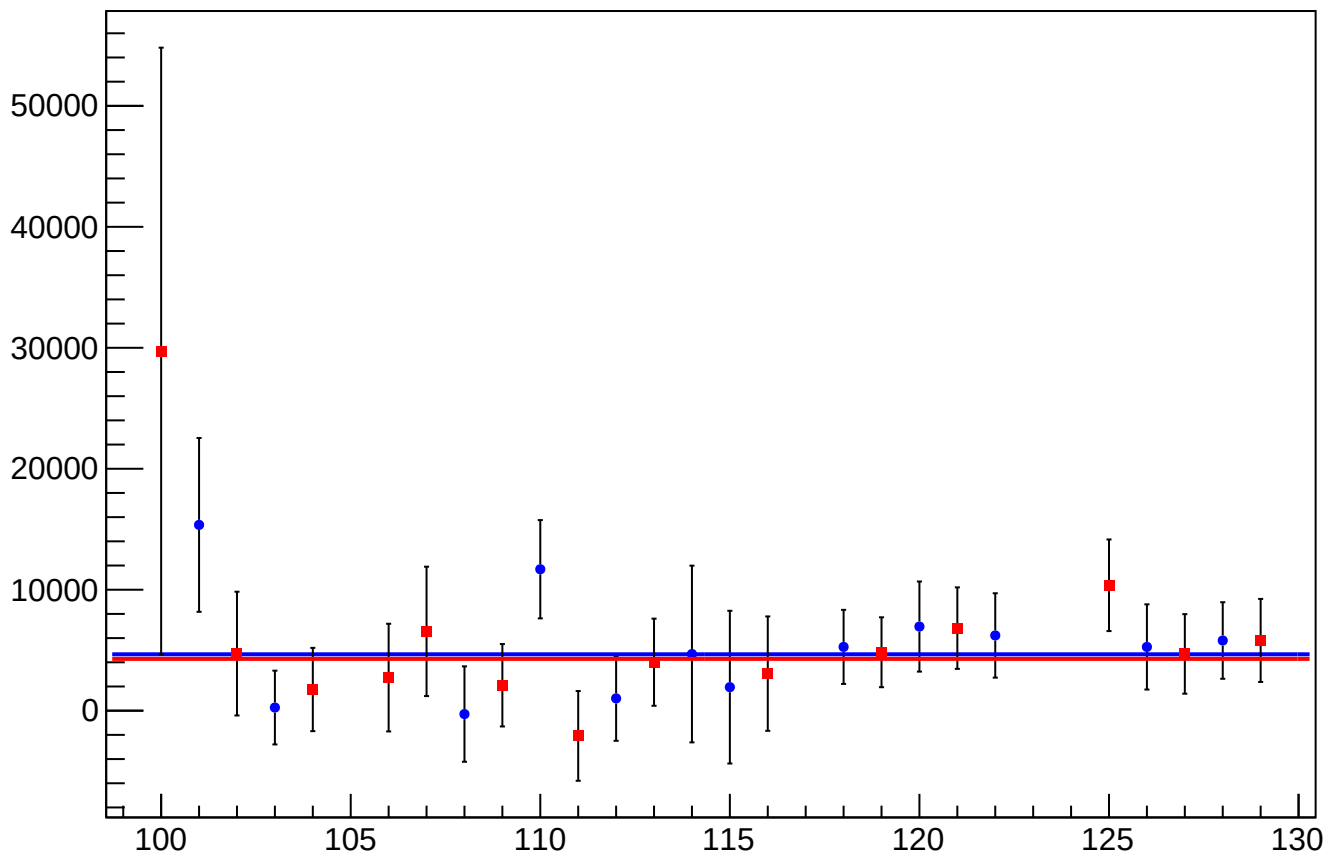
Right: 787.340+/-0.214 χ^2/NDF : 7305835.4/25

In: 975.248+/-0.365 χ^2/NDF : 2582368.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 787.340+/-0.214 χ^2/NDF : 7305835.4/25

eigen_dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4661.467+/-1105.433 χ^2/NDF : 10.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

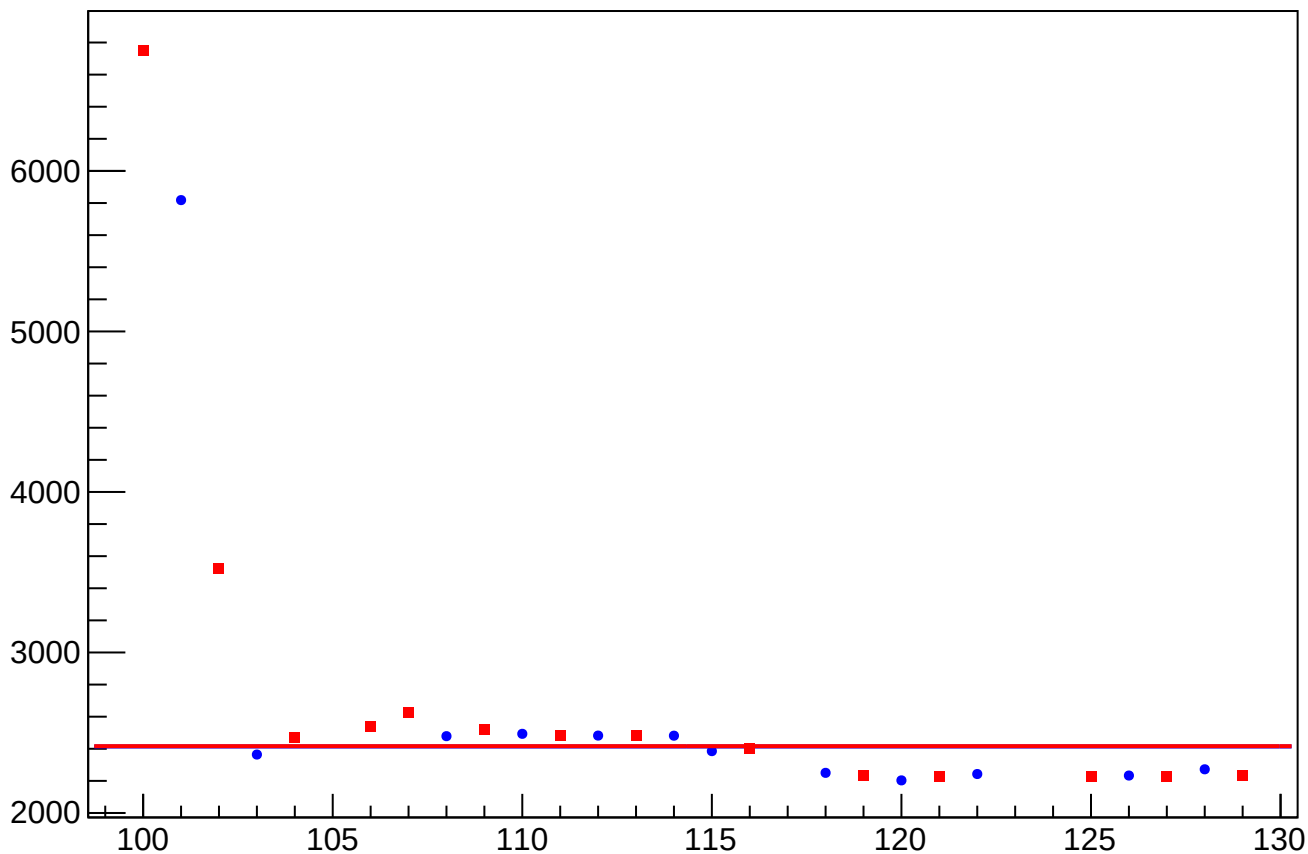
Right: 4458.304+/-753.007 χ^2/NDF : 19.7/25

In: 4661.467+/-1105.433 χ^2/NDF : 10.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4458.304+/-753.007 χ^2/NDF : 19.7/25

eigen_dit_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2414.161+/-0.782 χ^2/NDF : 477979.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

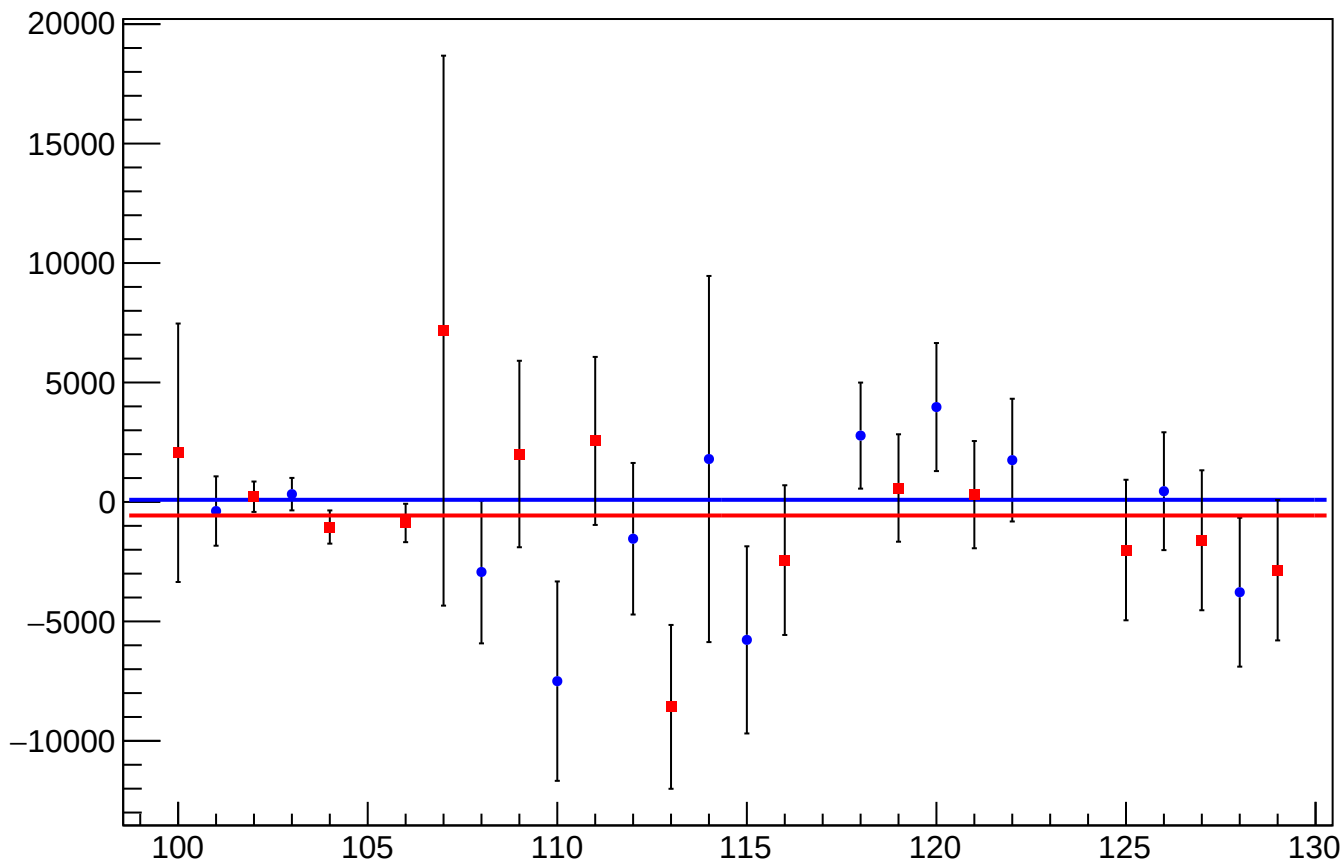
Right: 2415.298+/-0.532 χ^2/NDF : 671409.2/25

In: 2414.161+/-0.782 χ^2/NDF : 477979.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2415.298+/-0.532 χ^2/NDF : 671409.2/25

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 89.844+/-516.190 χ^2/NDF : 12.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

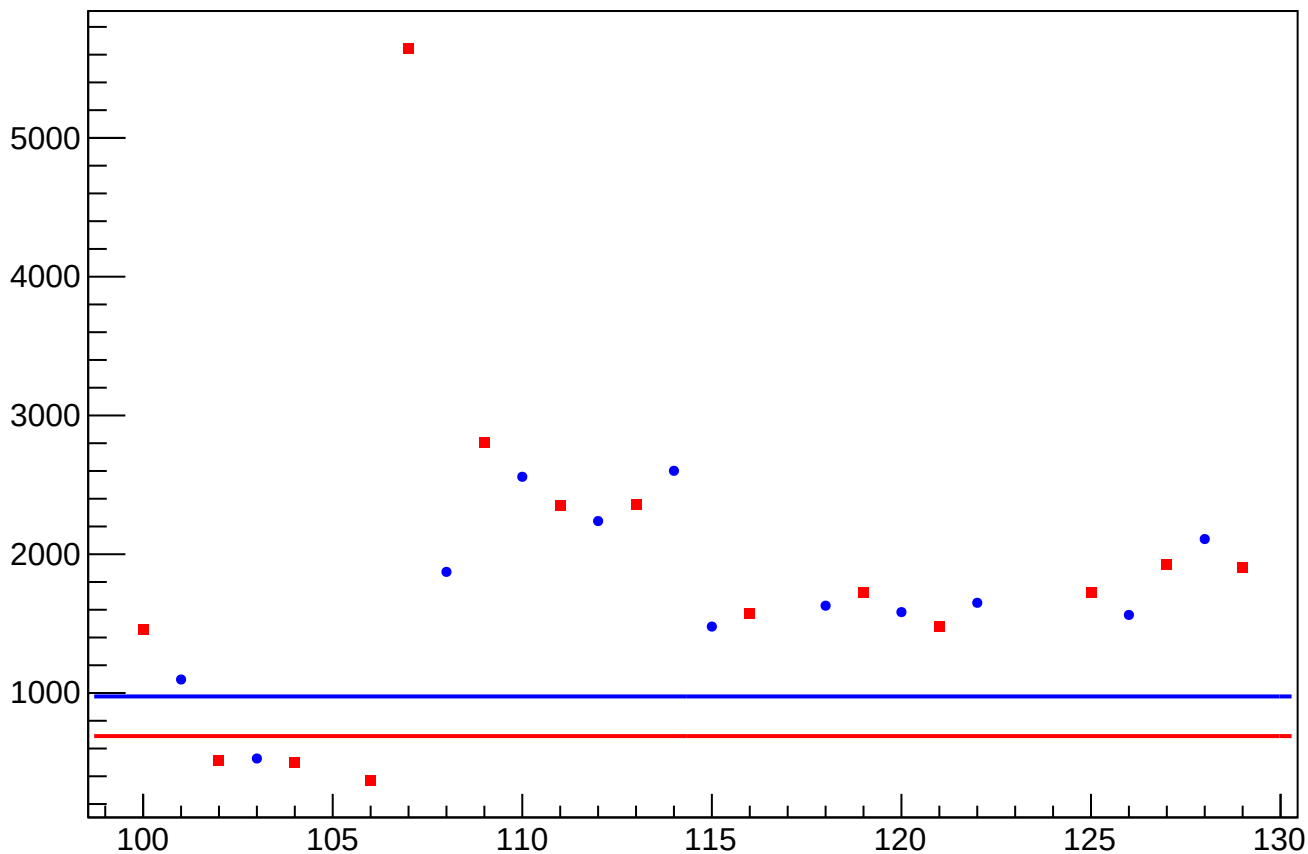
Right: -341.918+/-302.001 χ^2/NDF : 25.0/25

In: 89.844+/-516.190 χ^2/NDF : 12.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -341.918+/-302.001 χ^2/NDF : 25.0/25

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 975.258+/-0.365 χ^2/NDF : 2582314.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

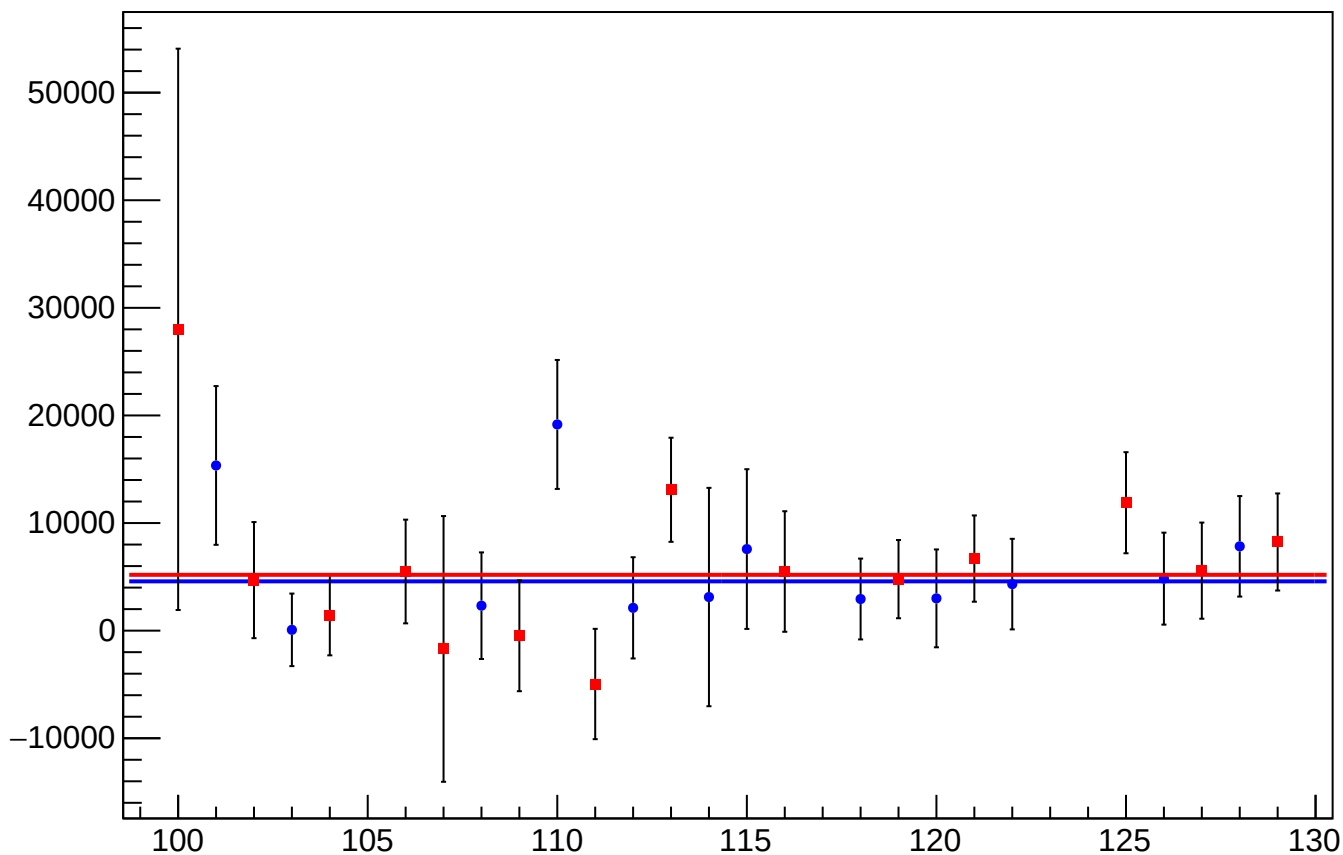
Right: 787.354+/-0.214 χ^2/NDF : 7305675.3/25

In: 975.258+/-0.365 χ^2/NDF : 2582314.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 787.354+/-0.214 χ^2/NDF : 7305675.3/25

asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4581.341+/-1381.008 χ^2/NDF : 11.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

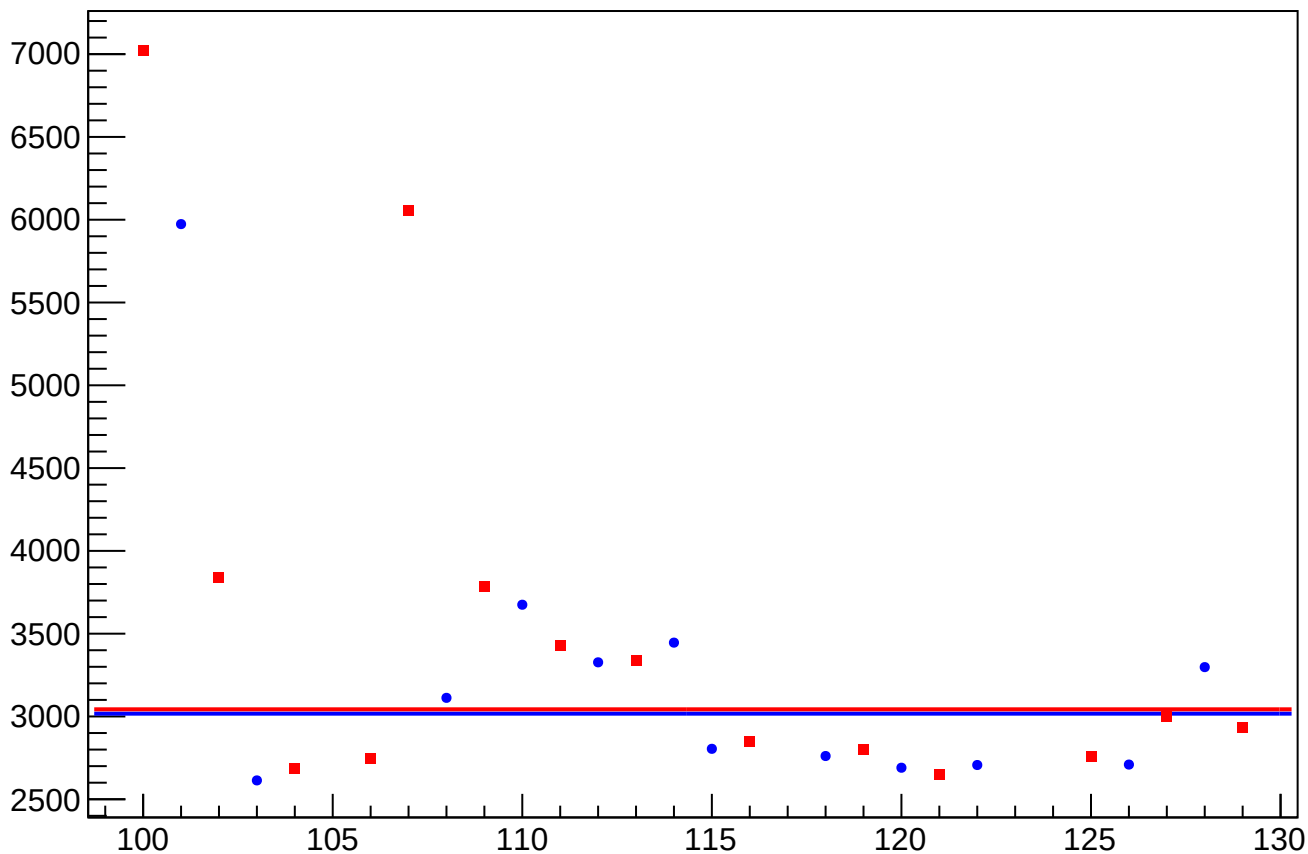
Right: 4902.901+/-947.337 χ^2/NDF : 24.0/25

In: 4581.341+/-1381.008 χ^2/NDF : 11.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4902.901+/-947.337 χ^2/NDF : 24.0/25

asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3017.006+/-0.977 χ^2/NDF : 436741.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

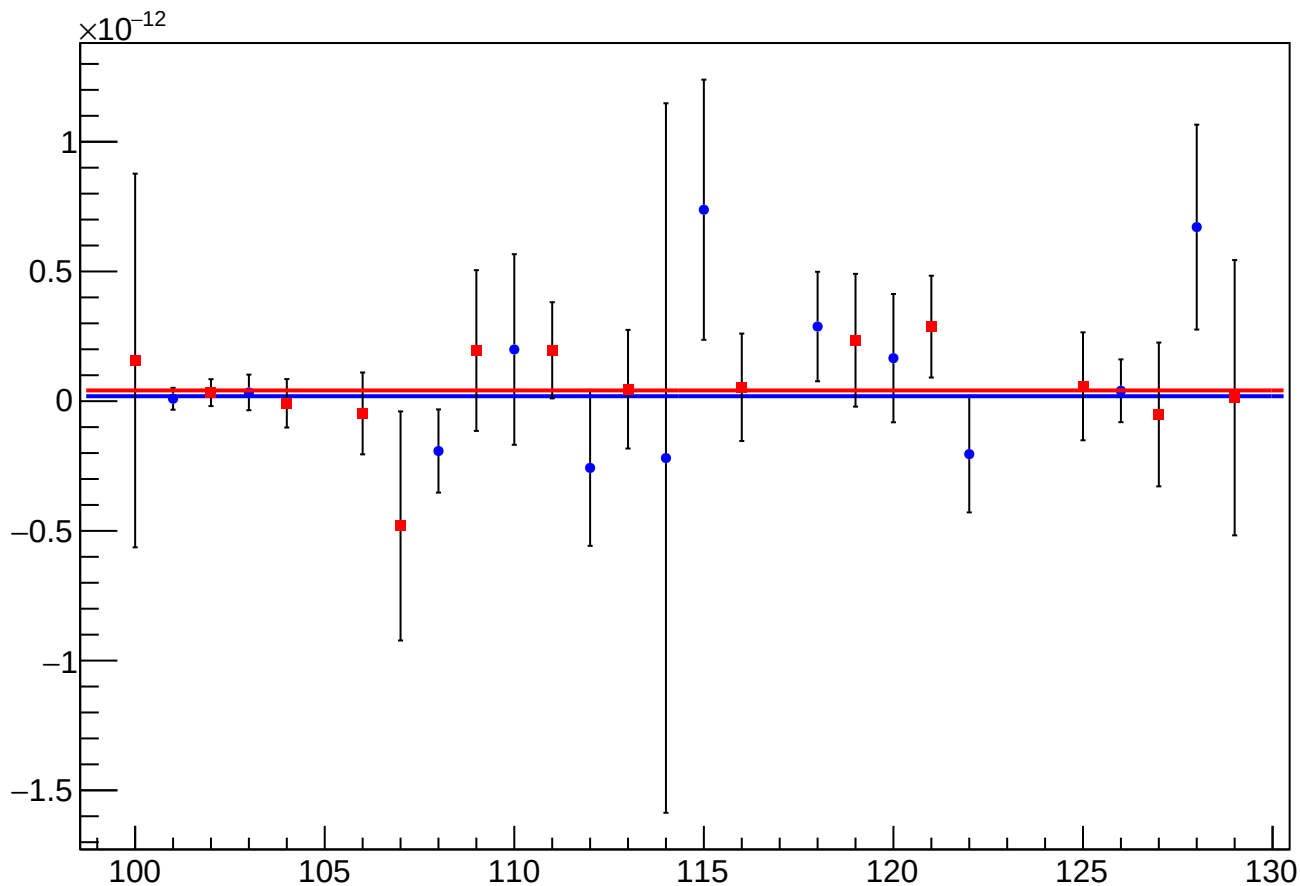
Right: 3030.887+/-0.670 χ^2/NDF : 770952.6/25

In: 3017.006+/-0.977 χ^2/NDF : 436741.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3030.887+/-0.670 χ^2/NDF : 770952.6/25

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

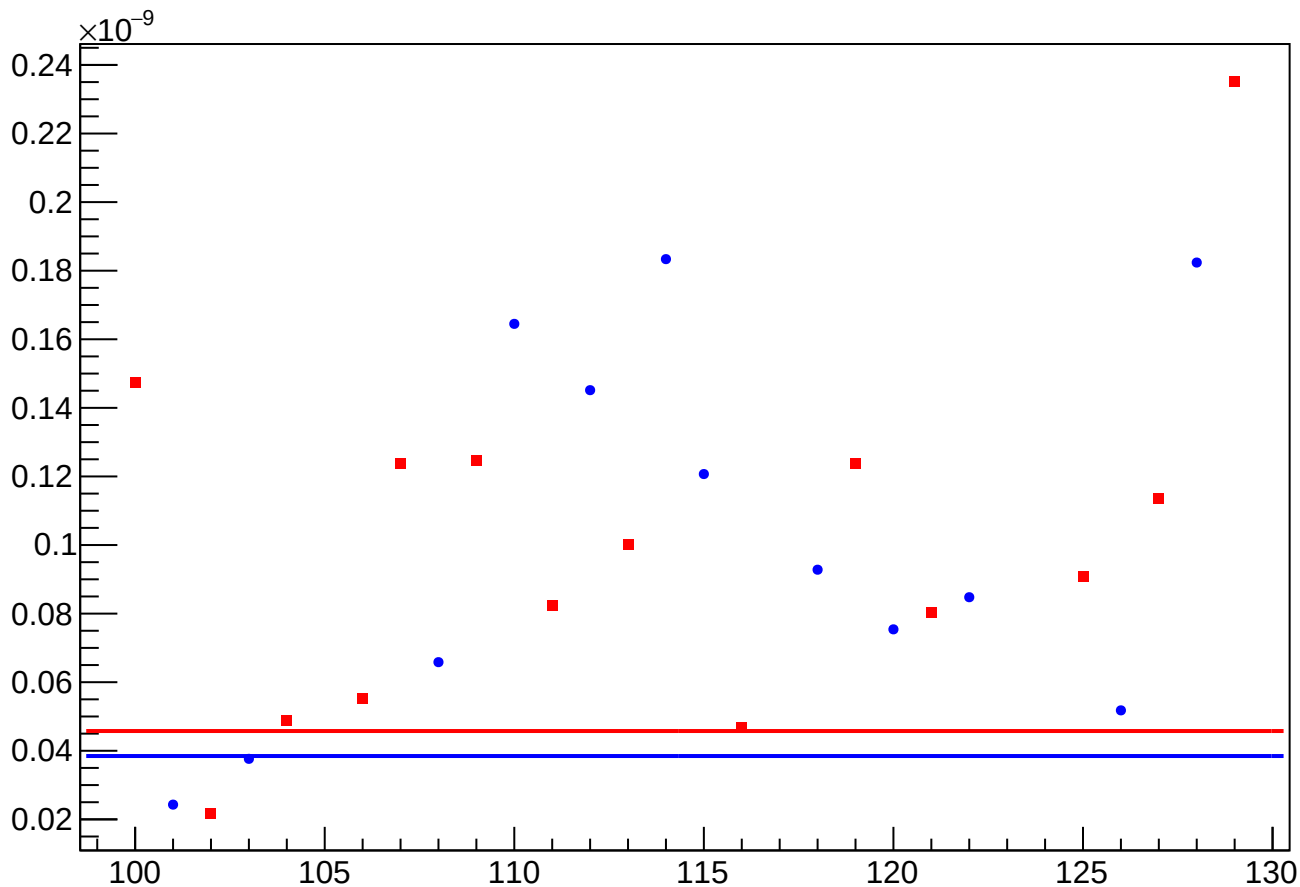
Right: 0.000+/-0.000 χ^2/NDF : 16.2/25

In: 0.000+/-0.000 χ^2/NDF : 10.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.2/25

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1400624.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

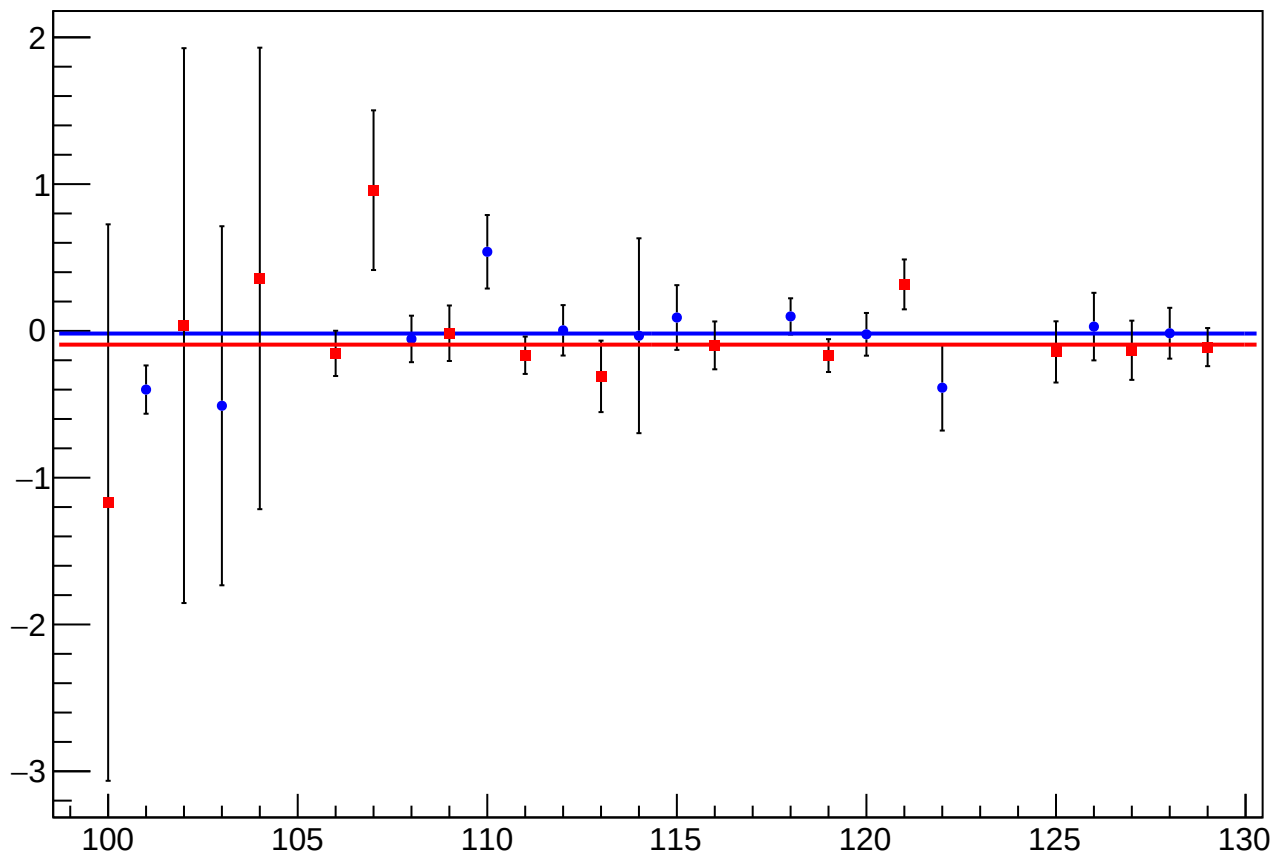
Right: 0.000+/-0.000 χ^2/NDF : 3024594.3/25

In: 0.000+/-0.000 χ^2/NDF : 1400624.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3024594.3/25

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018 ± 0.055 χ^2/NDF : 13.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.094 ± 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

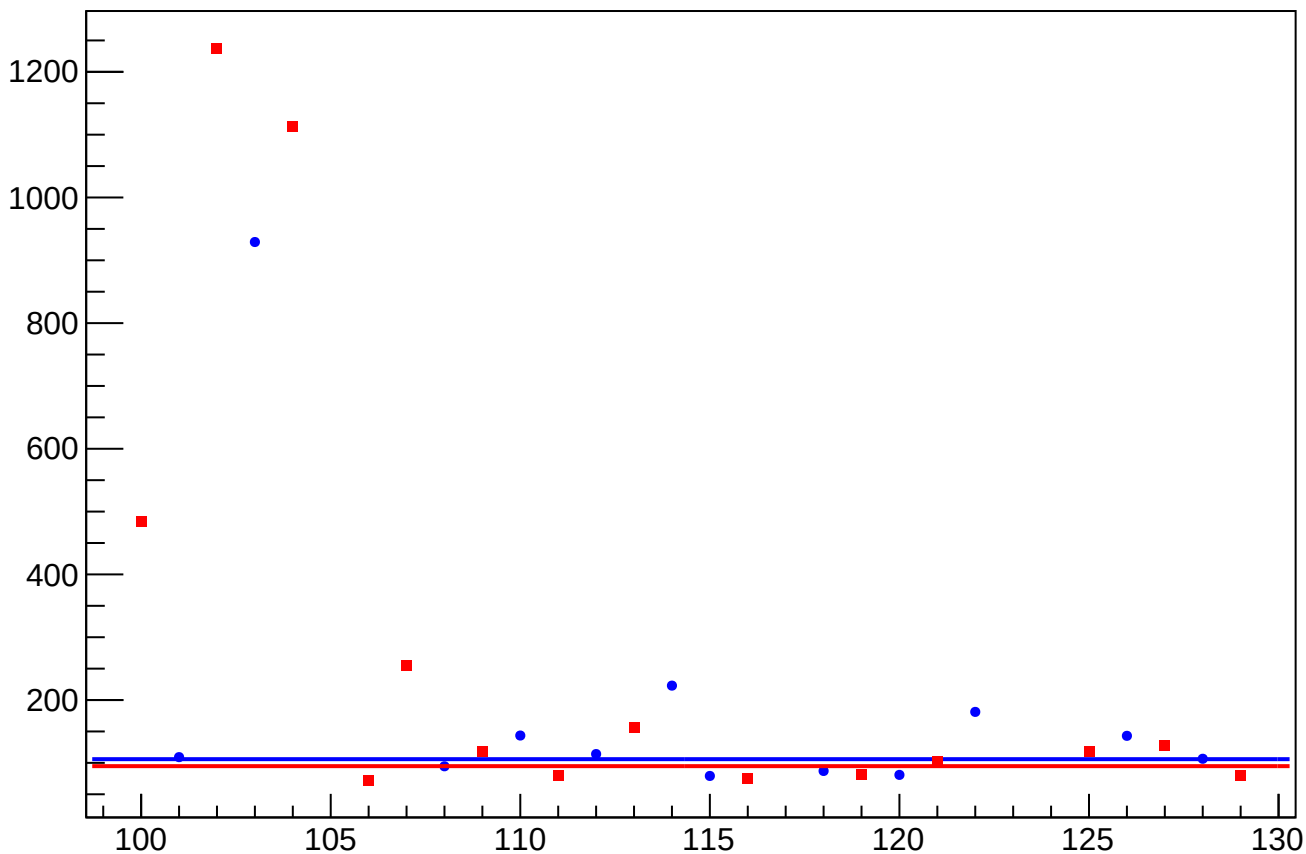
Right: -0.060 ± 0.037 χ^2/NDF : 26.4/25

In: -0.018 ± 0.055 χ^2/NDF : 13.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.060 ± 0.037 χ^2/NDF : 26.4/25

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 105.891 $\pm$ 0.039 χ^2 /NDF: 1348690.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 94.776 $\pm$ 0.035 χ^2 /NDF: 2234306.7/13

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

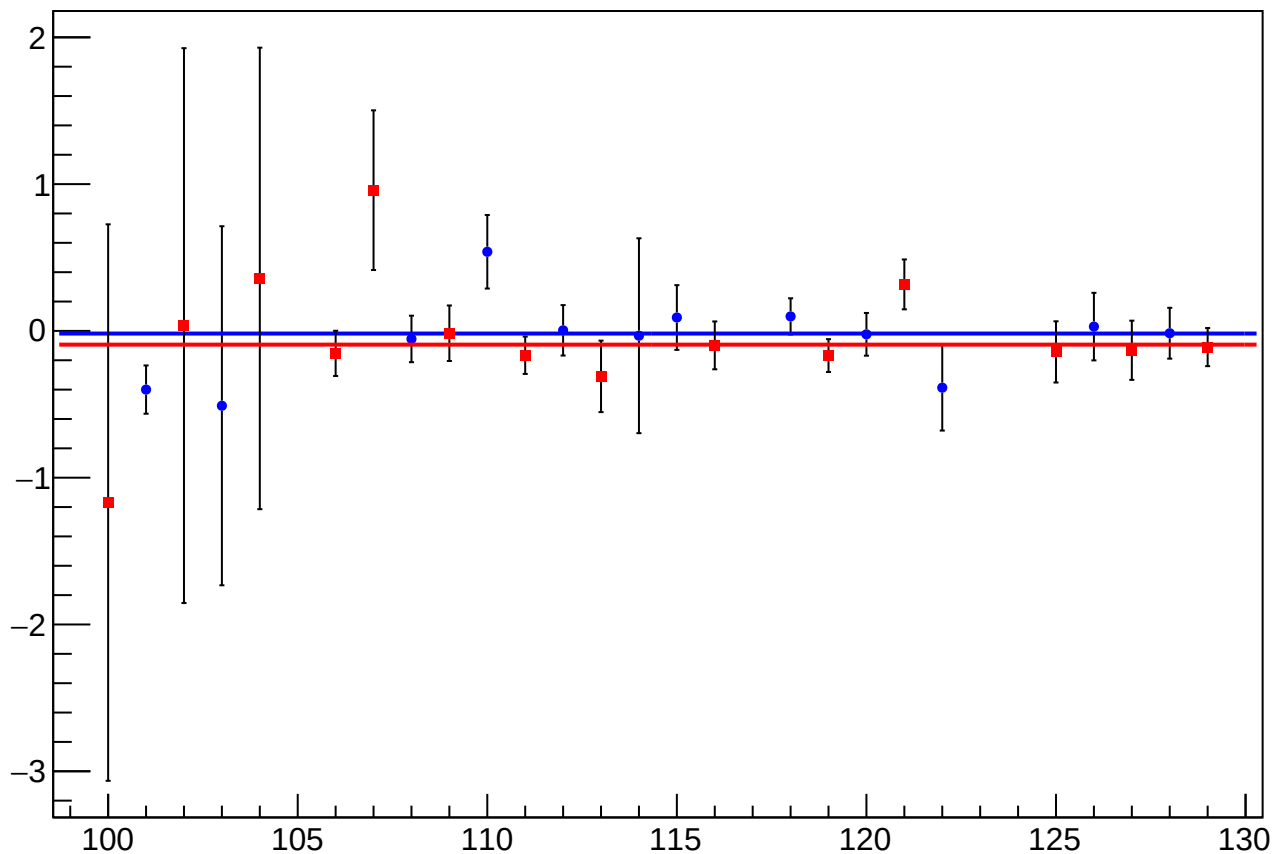
Right: 99.694 $\pm$ 0.026 χ^2 /NDF: 3628044.3/25

In: 105.891 $\pm$ 0.039 χ^2 /NDF:1348690.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 99.694 $\pm$ 0.026 χ^2 /NDF: 3628044.3/25

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018+/-0.055 χ^2/NDF : 13.3/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.094+/-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

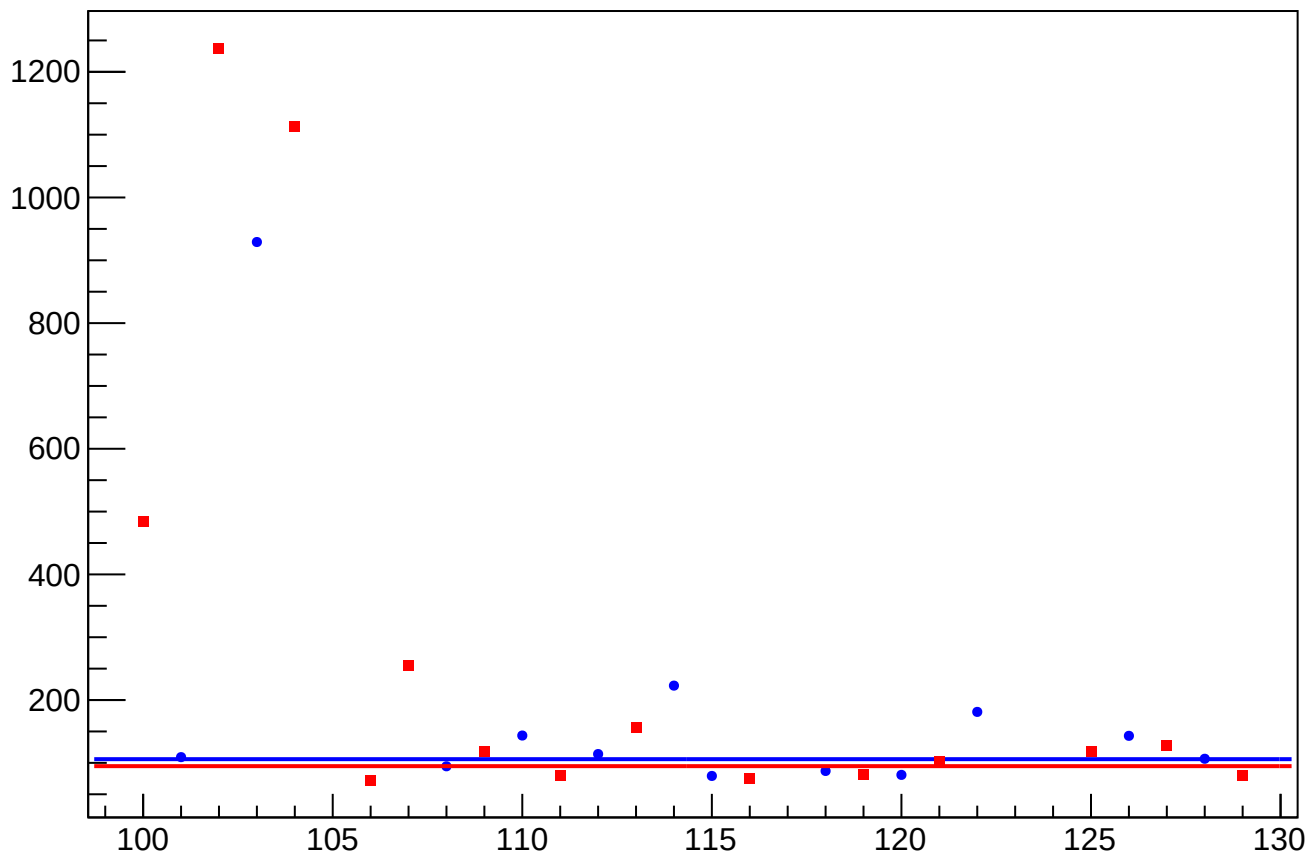
Right: -0.060+/-0.037 χ^2/NDF : 26.4/25

In: -0.018+/-0.055 χ^2/NDF :13.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.060+/-0.037 χ^2/NDF : 26.4/25

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 105.891 $\pm$ 0.039 χ^2 /NDF: 1348690.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 94.776 $\pm$ 0.035 χ^2 /NDF: 2234306.7/13

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

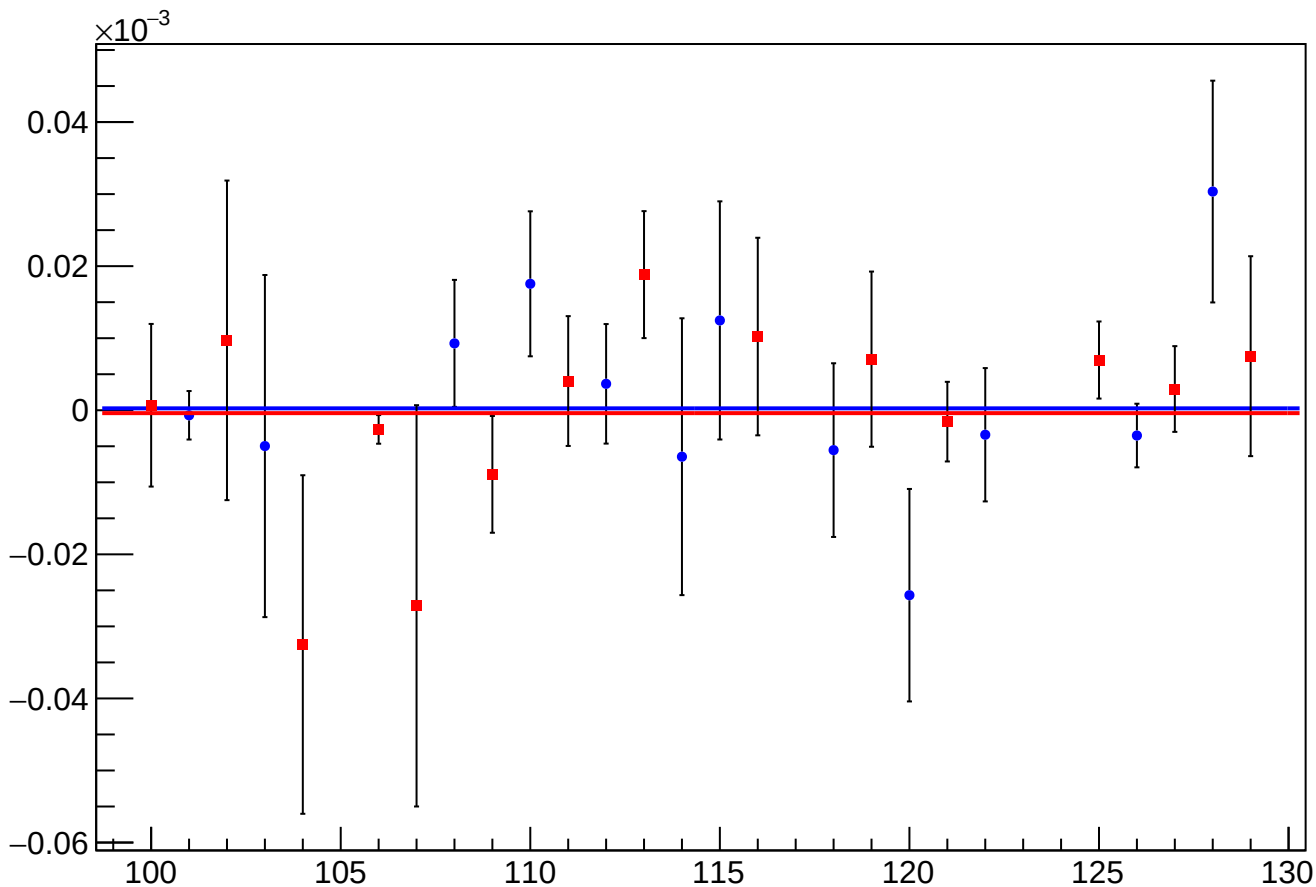
Right: 99.694 $\pm$ 0.026 χ^2 /NDF: 3628044.3/25

In: 105.891 $\pm$ 0.039 χ^2 /NDF:1348690.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 99.694 $\pm$ 0.026 χ^2 /NDF: 3628044.3/25

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 : 13.0/11

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

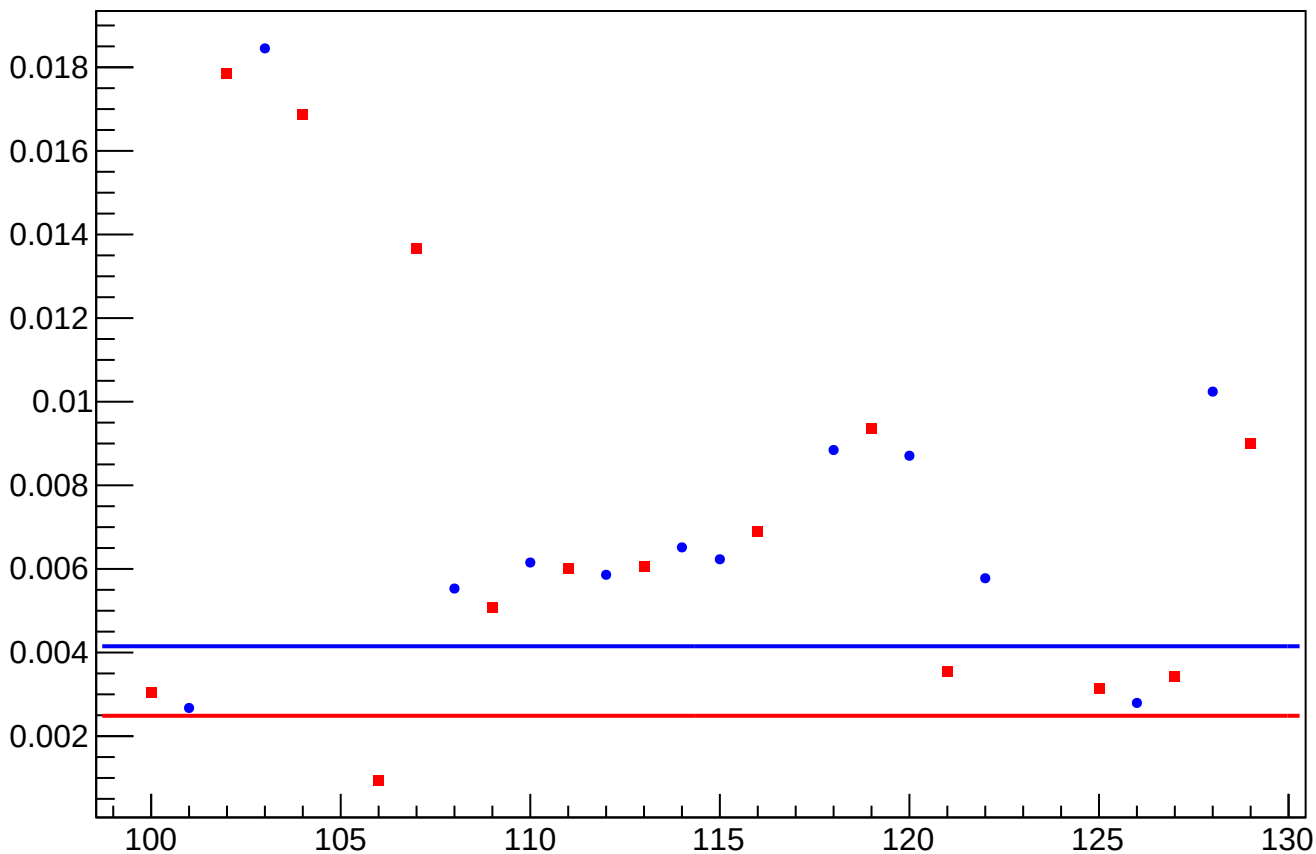
Right: -0.000+/-0.000 χ^2/NDF : 27.0/25

In: 0.000+/-0.000 χ^2/NDF : 13.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.0/25

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 : 2443549.4/11

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

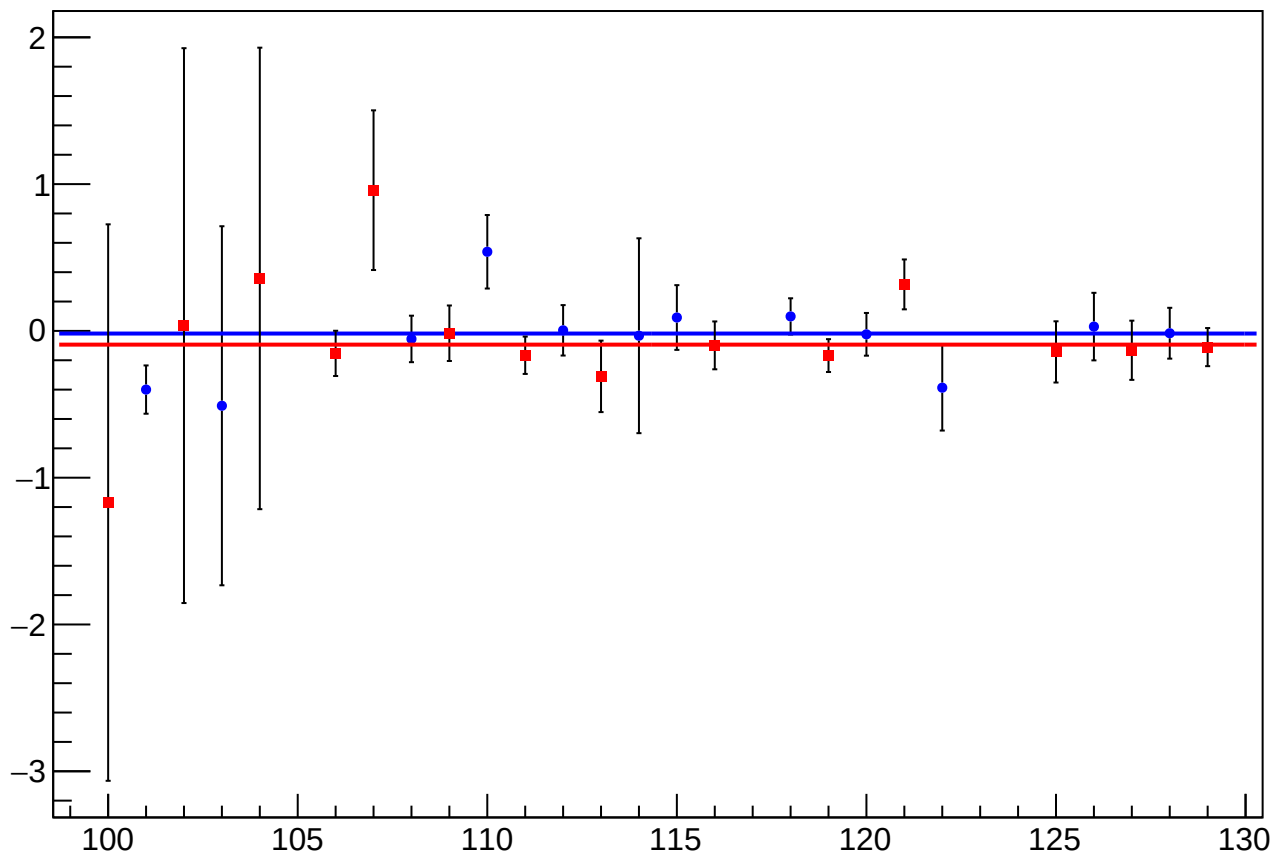
Right: 0.003+/-0.000 χ^2/NDF : 8767388.1/25

In: 0.004+/-0.000 χ^2/NDF :2443549.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 8767388.1/25

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018 ± 0.055 χ^2/NDF : 13.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.094 ± 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

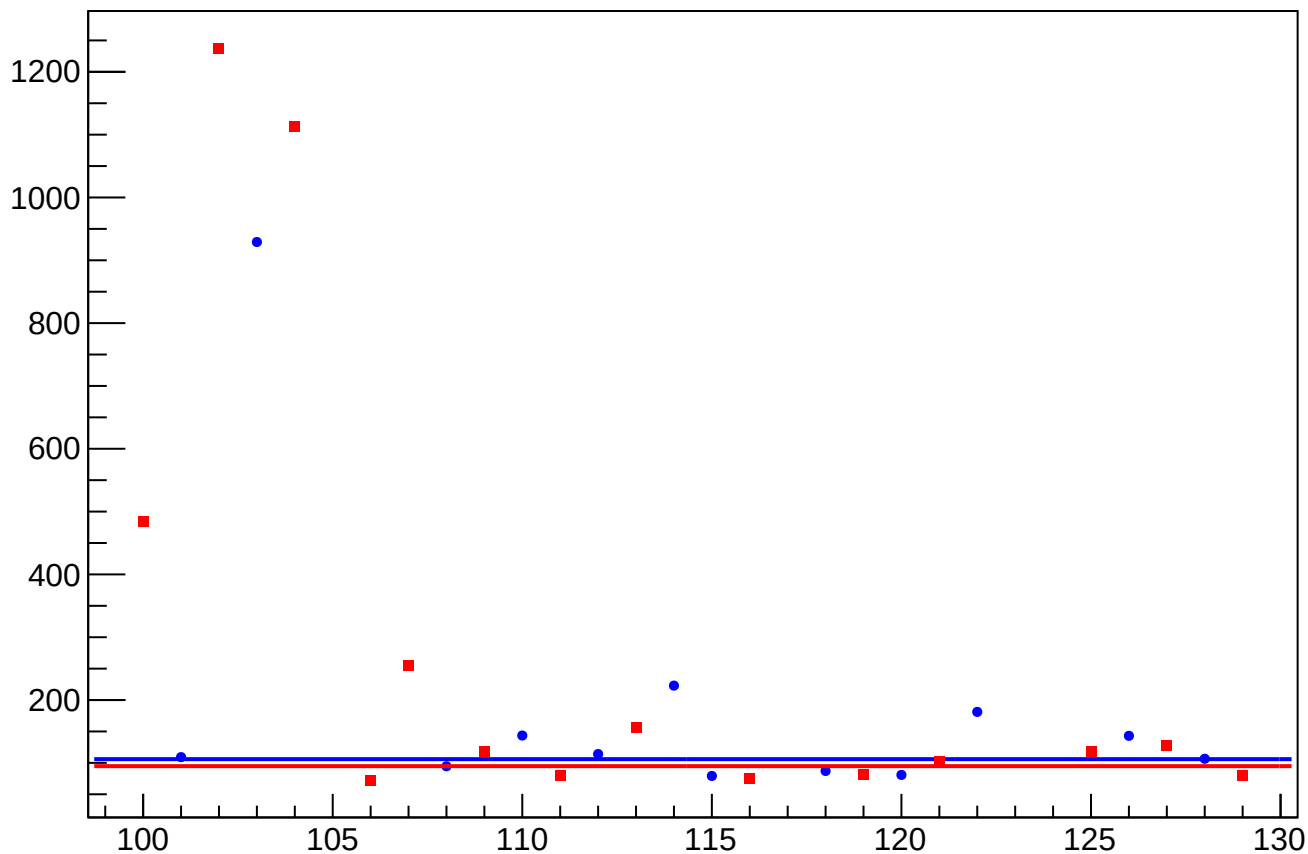
Right: -0.060 ± 0.037 χ^2/NDF : 26.4/25

In: -0.018 ± 0.055 χ^2/NDF : 13.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.060 ± 0.037 χ^2/NDF : 26.4/25

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 105.889+/-0.039 χ^2/NDF : 1348700.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

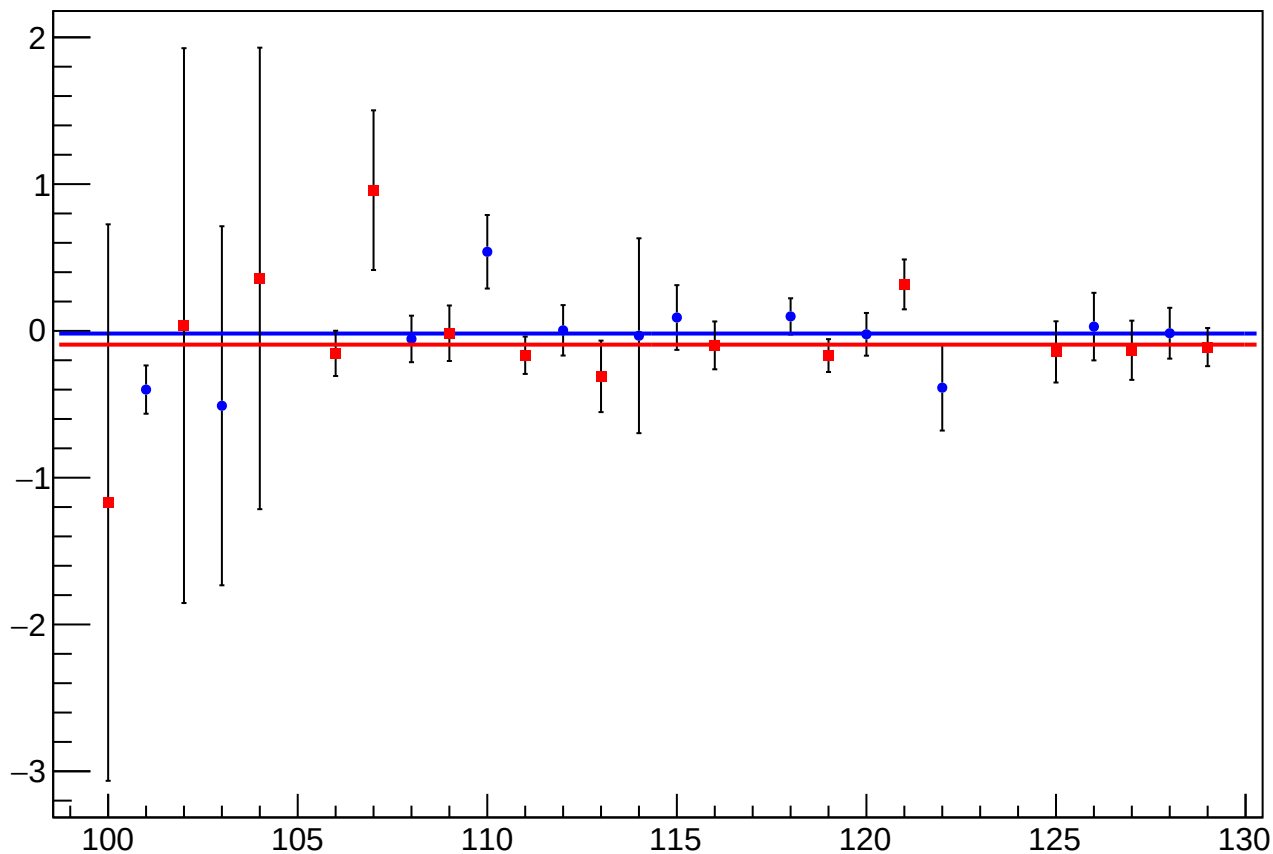
Right: 99.693+/-0.026 χ^2/NDF : 3628043.1/25

In: 105.889+/-0.039 χ^2/NDF : 1348700.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.693+/-0.026 χ^2/NDF : 3628043.1/25

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018 ± 0.055 χ^2/NDF : 13.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.094 ± 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

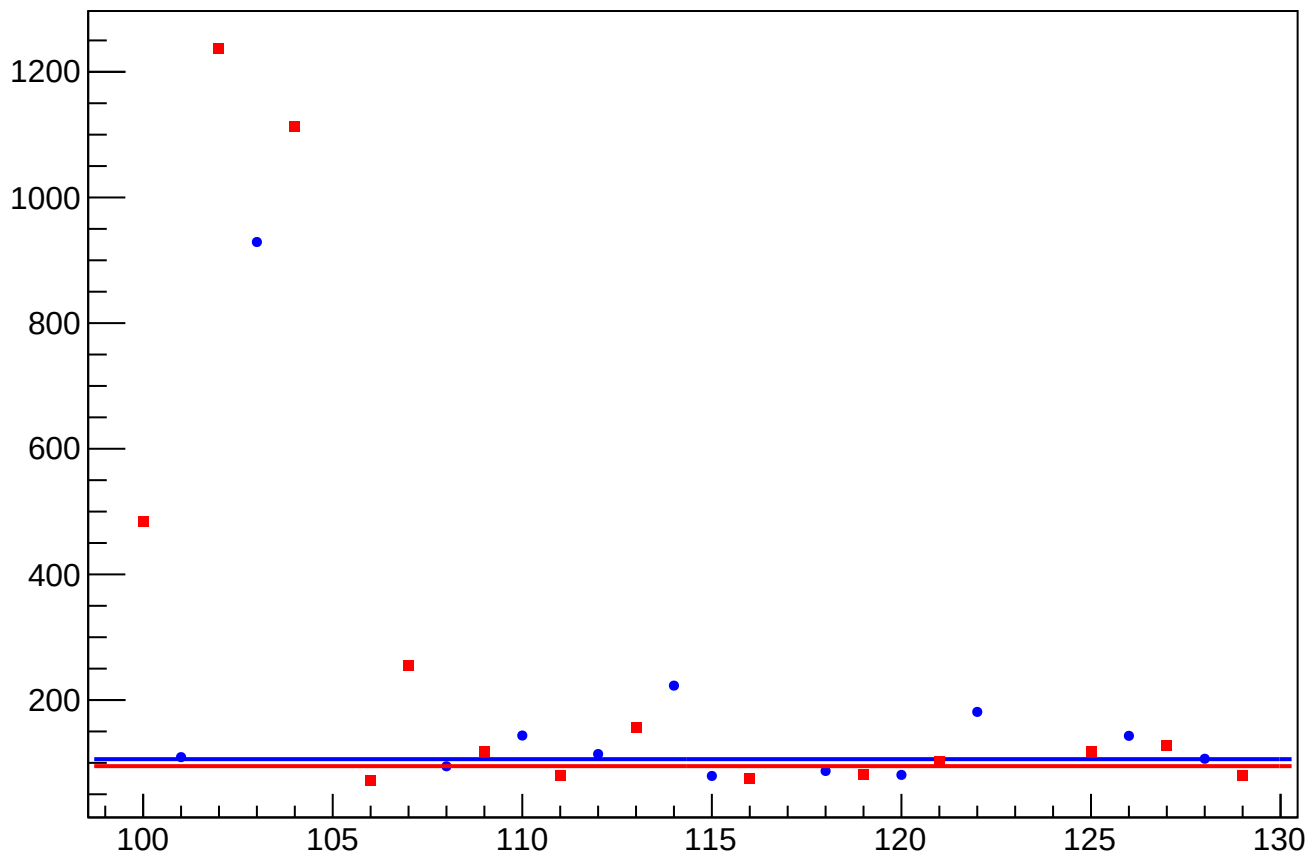
Right: -0.060 ± 0.037 χ^2/NDF : 26.4/25

In: -0.018 ± 0.055 χ^2/NDF : 13.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.060 ± 0.037 χ^2/NDF : 26.4/25

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 105.889+/-0.039 χ^2/NDF : 1348700.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

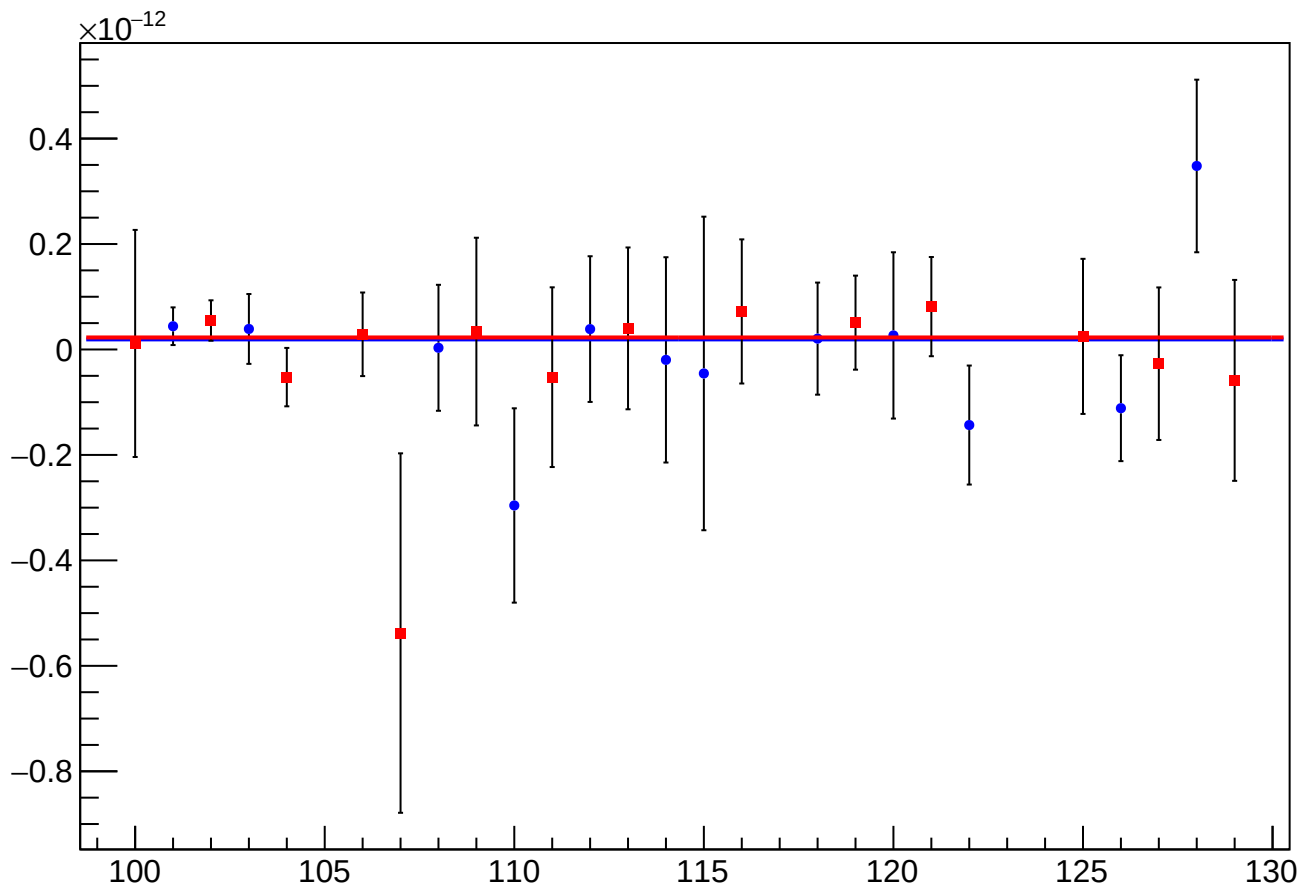
Right: 99.693+/-0.026 χ^2/NDF : 3628043.1/25

In: 105.889+/-0.039 χ^2/NDF : 1348700.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.693+/-0.026 χ^2/NDF : 3628043.1/25

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 : 11.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

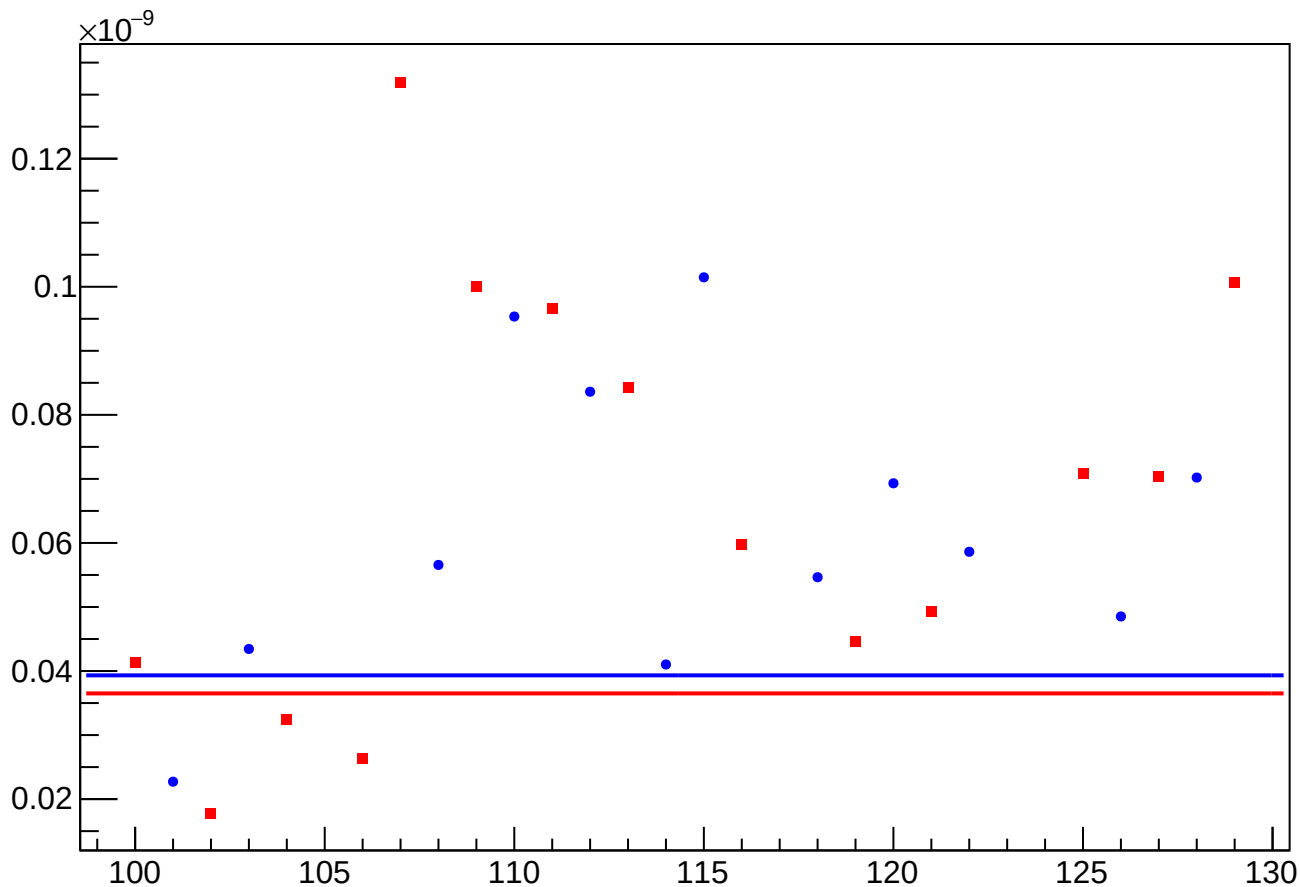
Right: 0.000+/-0.000 χ^2/NDF : 17.8/25

In: 0.000+/-0.000 χ^2/NDF : 11.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.8/25

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 : 1219563.7/11

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

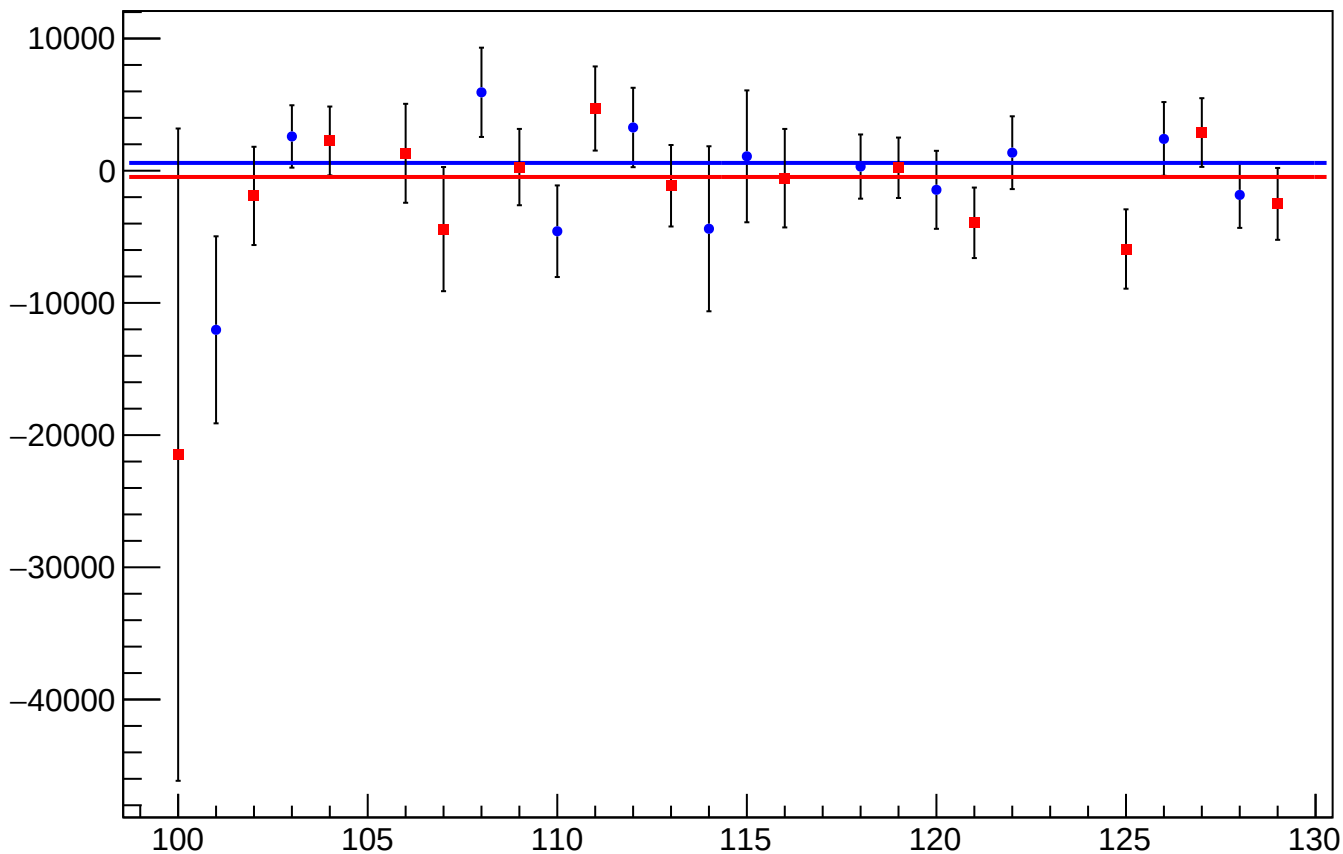
Right: 0.000+/-0.000 χ^2/NDF : 3168291.1/25

In: 0.000+/-0.000 χ^2/NDF : 1219563.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3168291.1/25

reg_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 589.914 $\pm$ 893.336 χ^2 /NDF: 12.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -473.249 $\pm$ 827.394 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

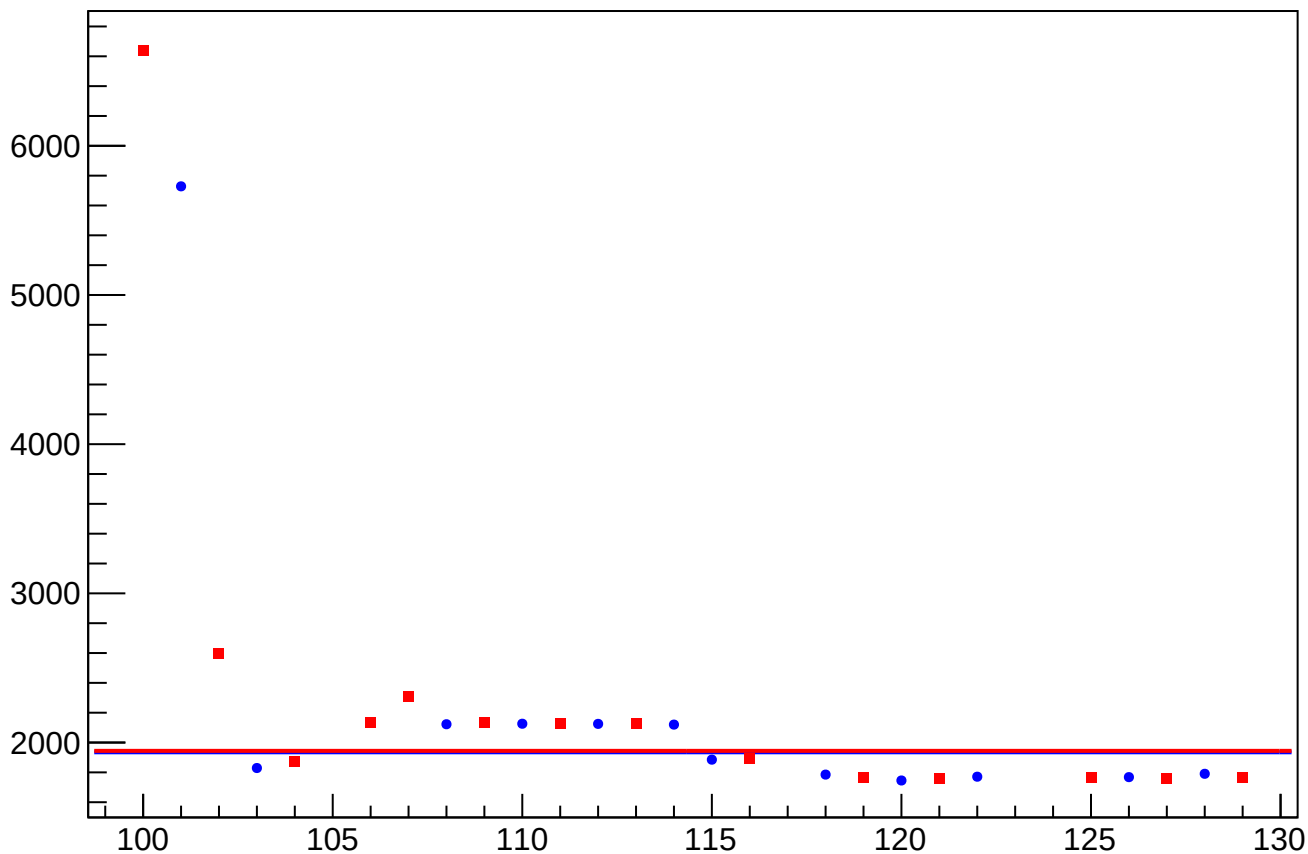
Right: 17.650 $\pm$ 607.031 χ^2 /NDF: 25.7/25

In: 589.914 $\pm$ 893.336 χ^2 /NDF:12.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 17.650 $\pm$ 607.031 χ^2 /NDF: 25.7/25

reg_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1934.617+/-0.632 χ^2/NDF : 638170.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

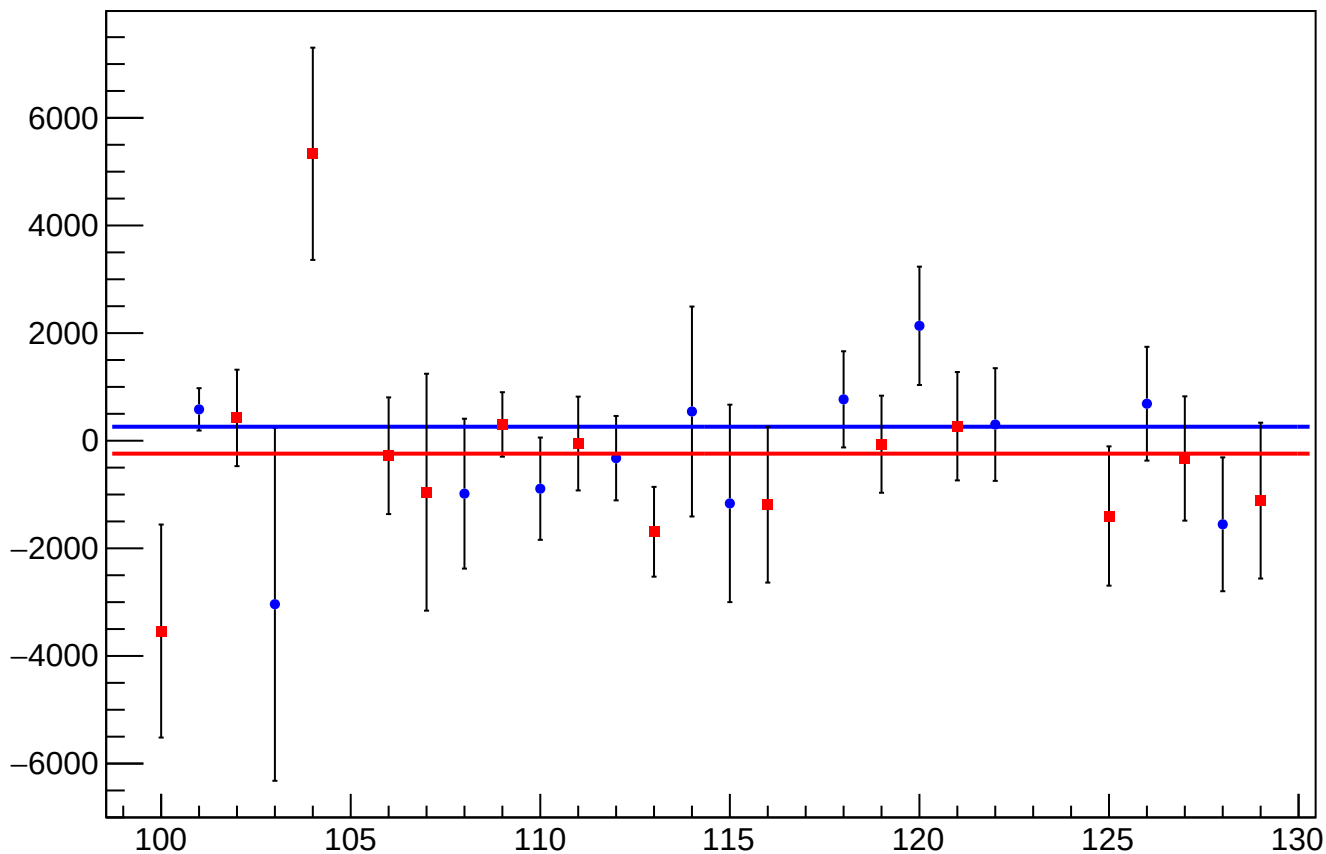
Right: 1939.820+/-0.429 χ^2/NDF : 861447.0/25

In: 1934.617+/-0.632 χ^2/NDF : 638170.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1939.820+/-0.429 χ^2/NDF : 861447.0/25

asym_us_avg_at1lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 259.996 $\pm$ 259.147 χ^2 /NDF: 10.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -240.293 $\pm$ 278.771 χ^2 /NDF: 17.2/13

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

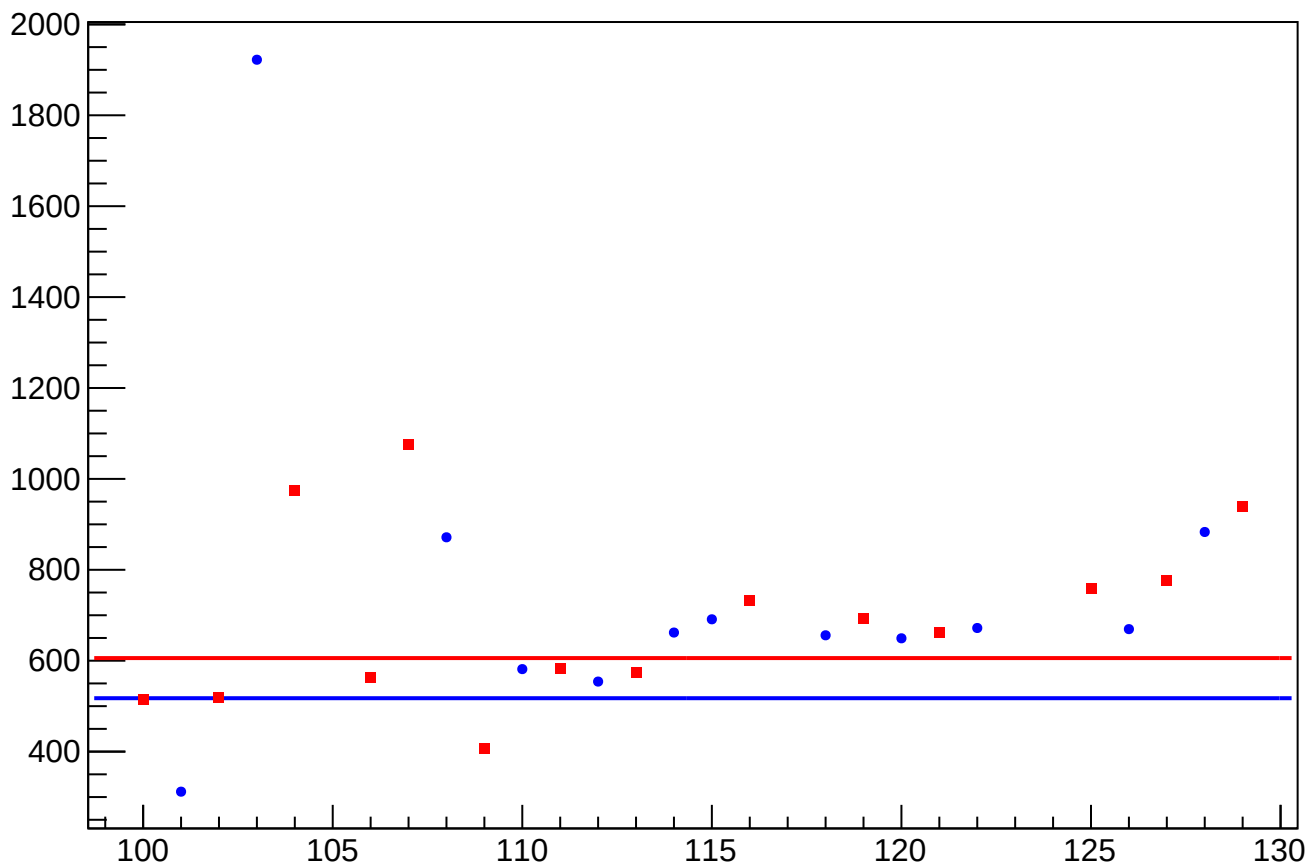
Right: 28.078 $\pm$ 189.803 χ^2 /NDF: 29.6/25

In: 259.996 $\pm$ 259.147 χ^2 /NDF:10.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 28.078 $\pm$ 189.803 χ^2 /NDF: 29.6/25

asym_us_avg_at1lr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 517.489+/-0.183 χ^2/NDF : 1418631.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

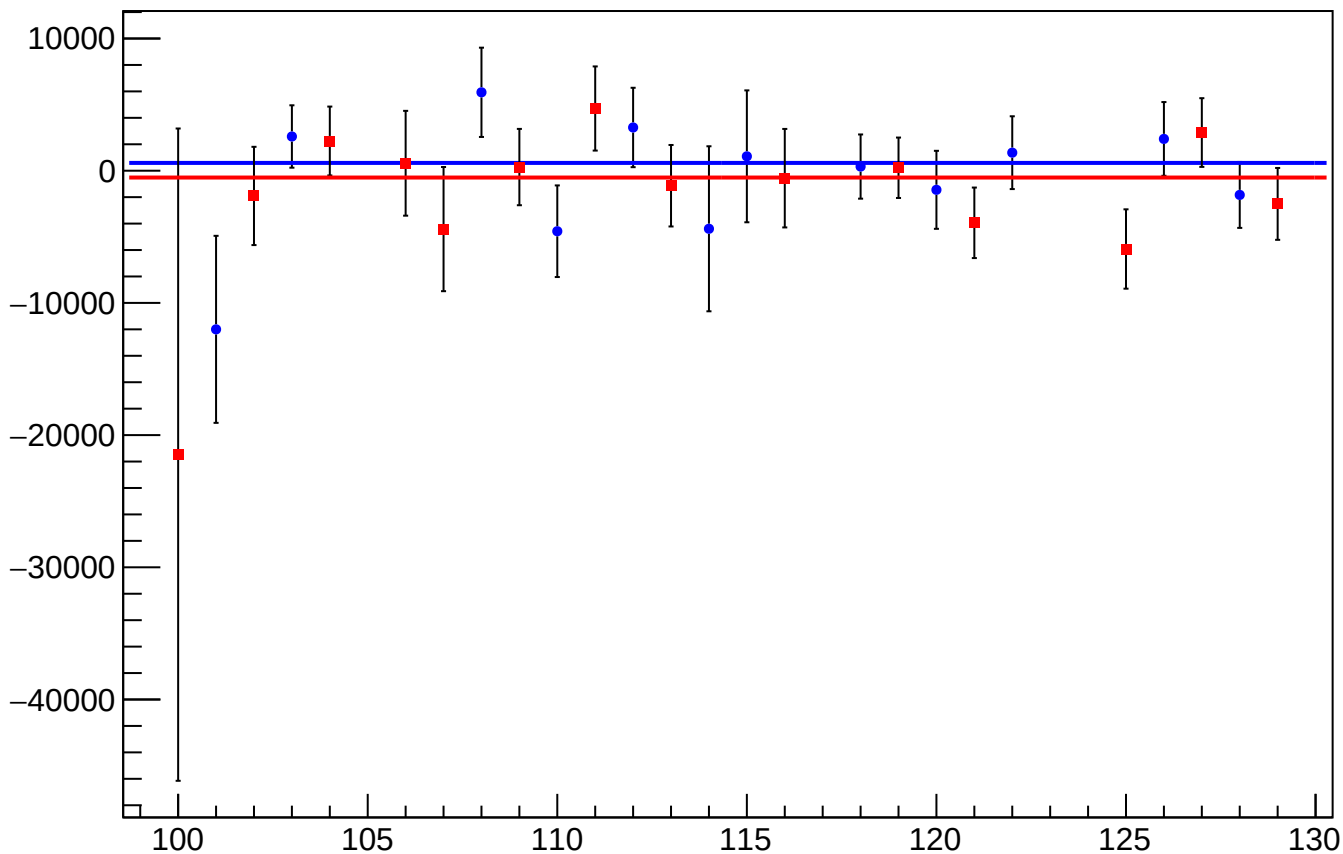
Right: 558.413+/-0.134 χ^2/NDF : 2155832.6/25

In: 517.489+/-0.183 χ^2/NDF : 1418631.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 558.413+/-0.134 χ^2/NDF : 2155832.6/25

cor_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 590.143+/-893.336 χ^2/NDF : 12.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

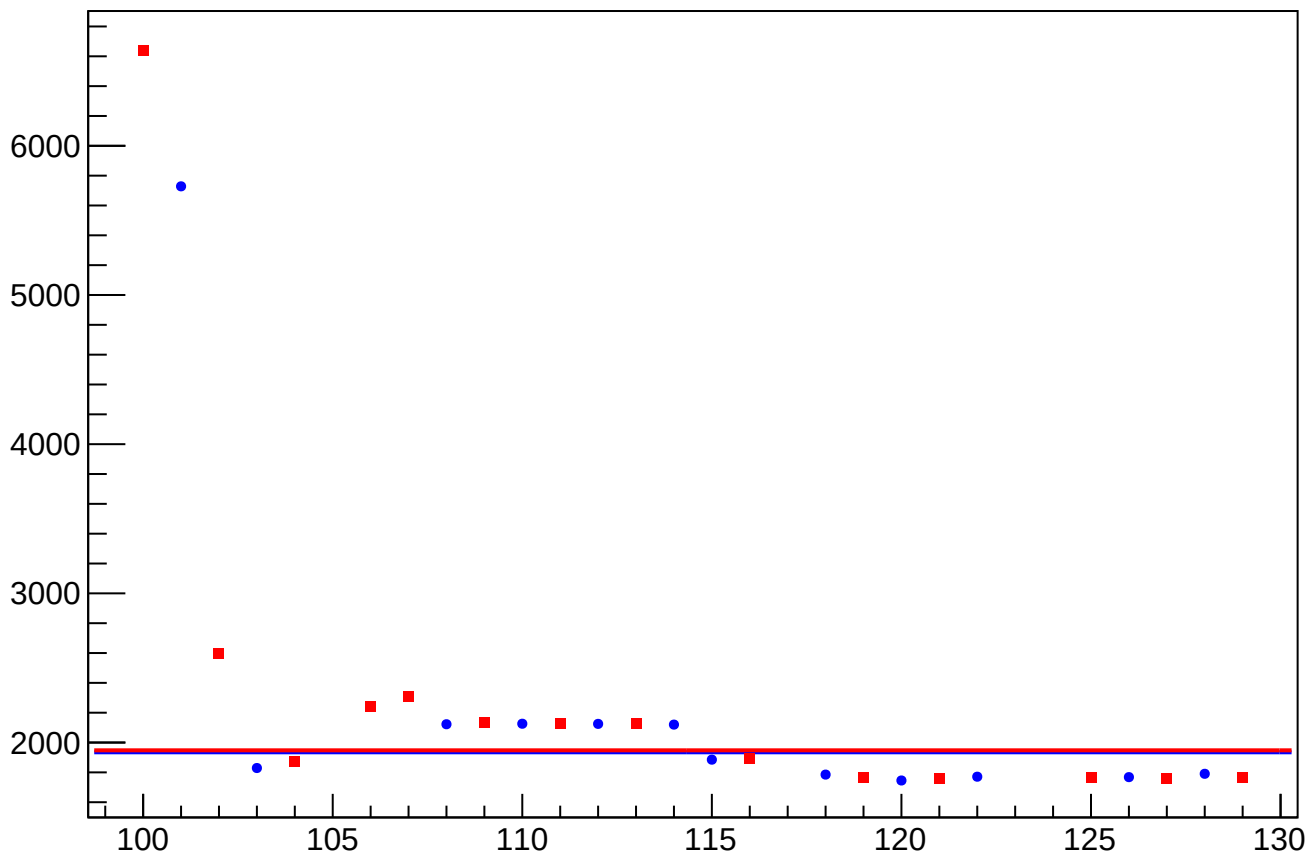
Right: -3.880+/-607.903 χ^2/NDF : 25.6/25

In: 590.143+/-893.336 χ^2/NDF : 12.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.880+/-607.903 χ^2/NDF : 25.6/25

cor_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1934.617+/-0.632 χ^2/NDF : 638170.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

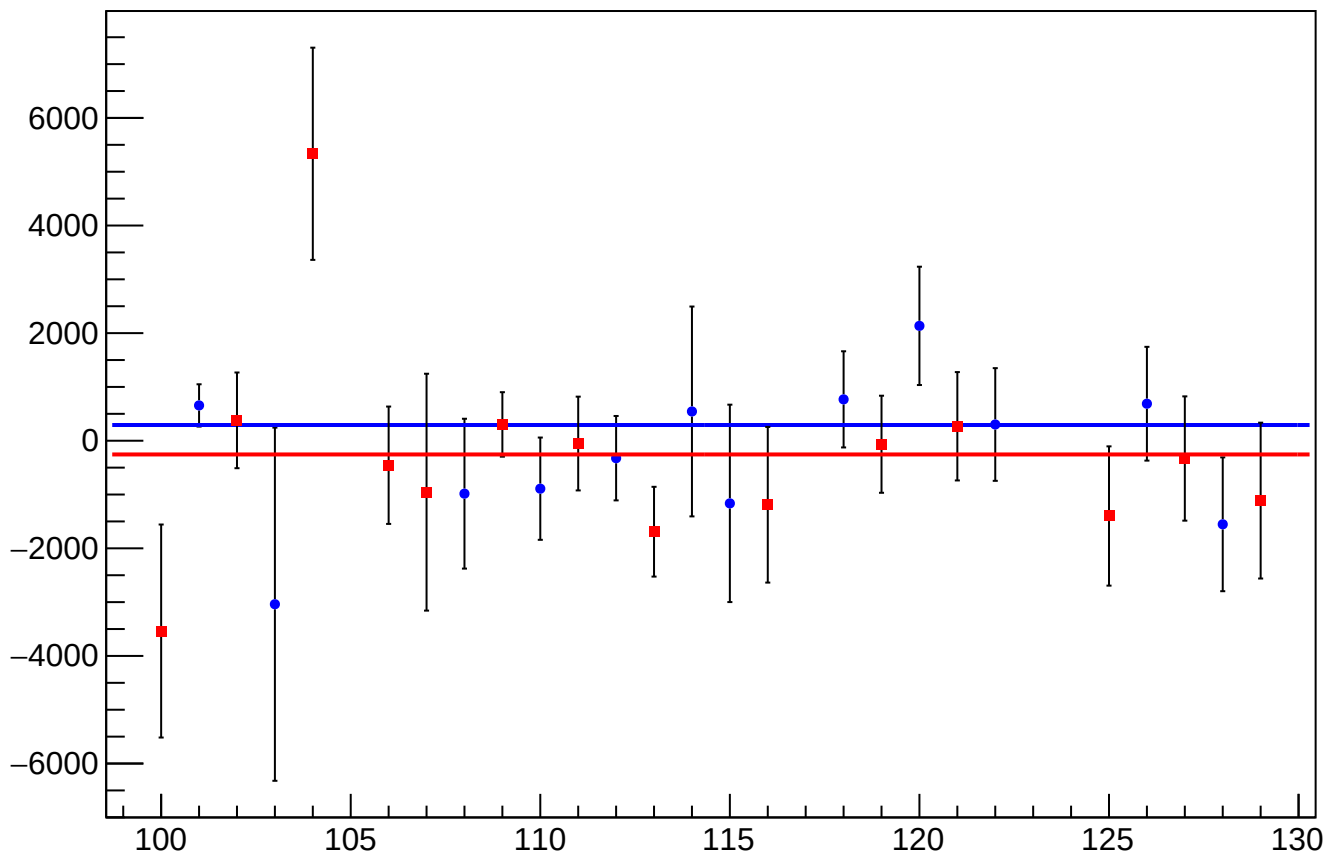
Right: 1941.725+/-0.430 χ^2/NDF : 867491.0/25

In: 1934.617+/-0.632 χ^2/NDF : 638170.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1941.725+/-0.430 χ^2/NDF : 867491.0/25

asym_us_avg_at1lr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 292.297+/-259.021 χ^2/NDF : 11.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

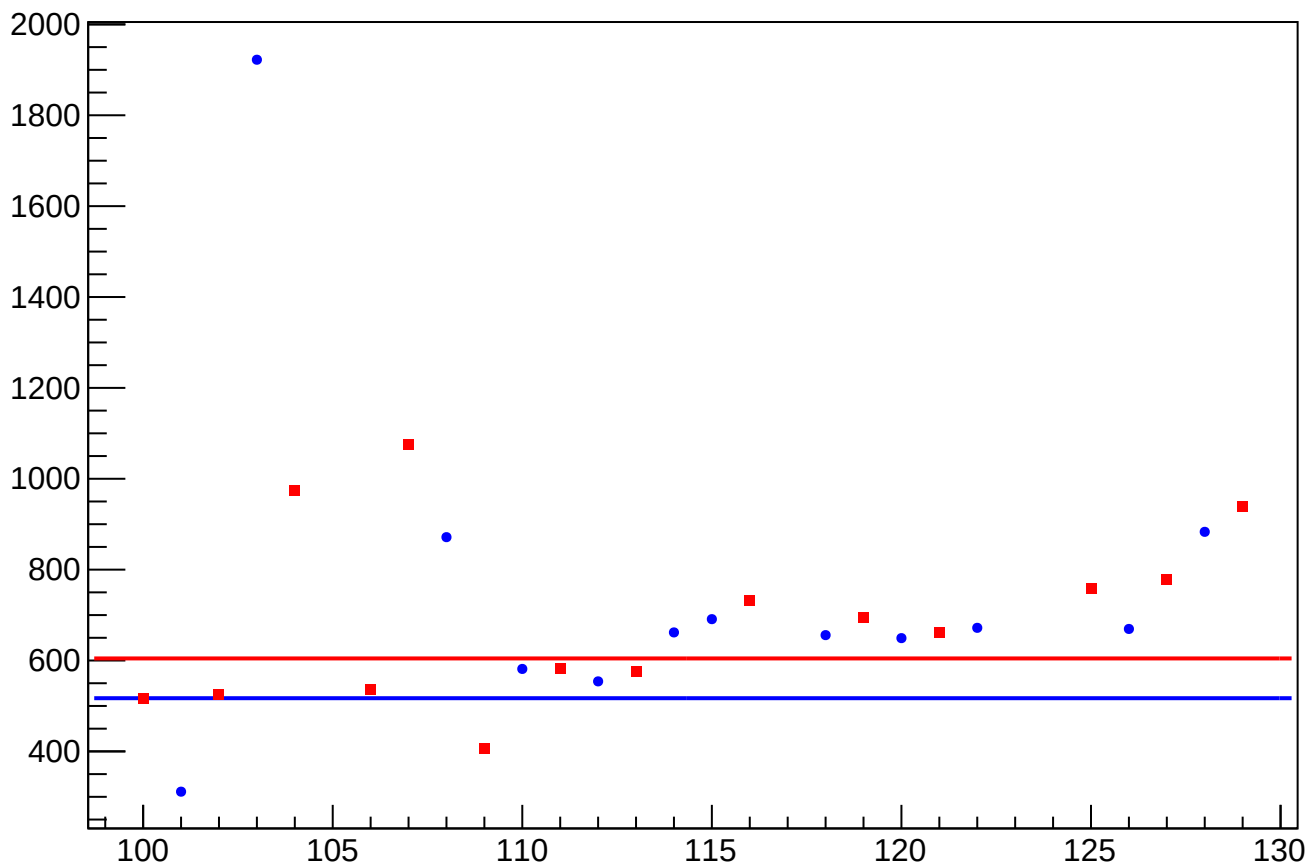
Right: 38.606+/-189.725 χ^2/NDF : 30.2/25

In: 292.297+/-259.021 χ^2/NDF : 11.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.606+/-189.725 χ^2/NDF : 30.2/25

asym_us_avg_at1lr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 517.070+/-0.183 χ^2/NDF : 1422422.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

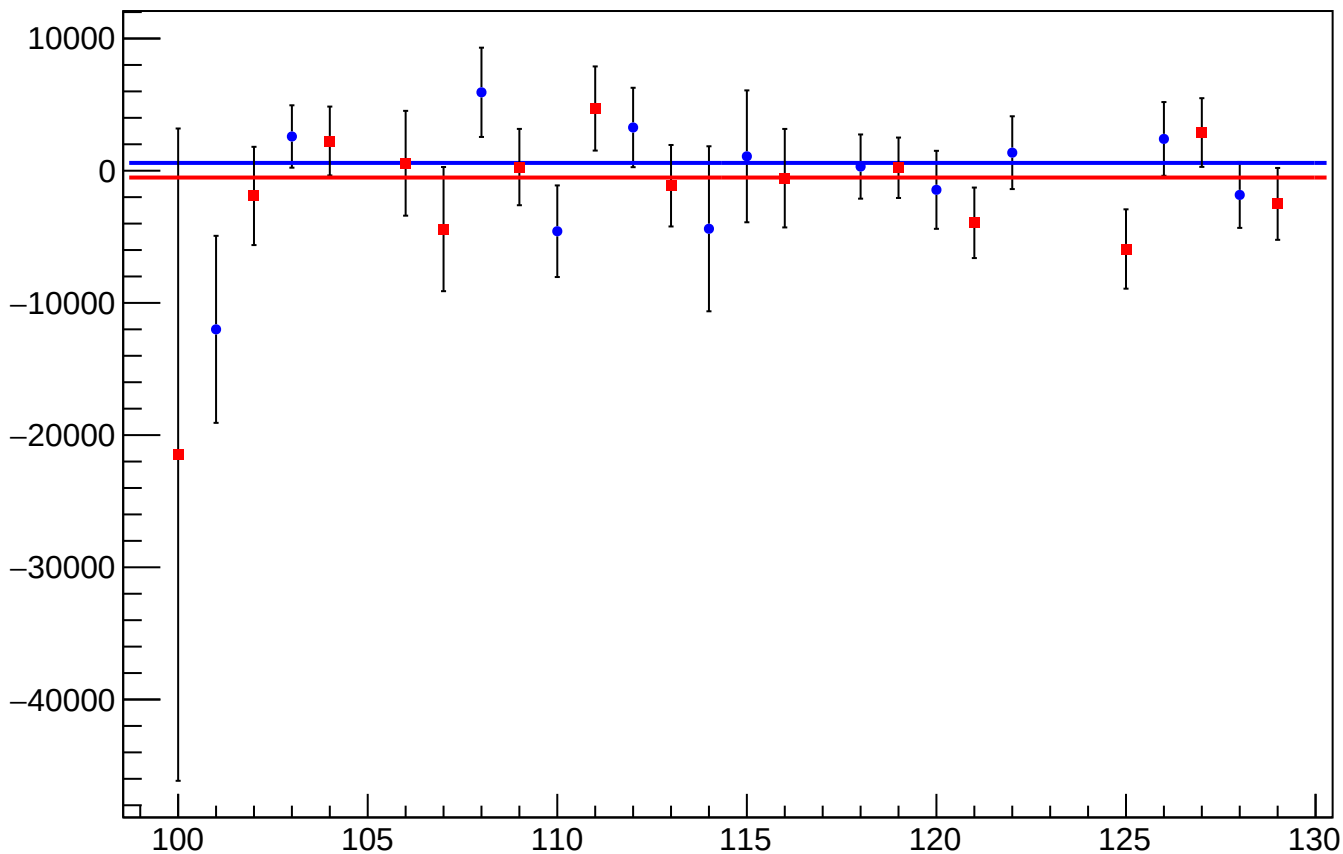
Right: 557.629+/-0.134 χ^2/NDF : 2160150.4/25

In: 517.070+/-0.183 χ^2/NDF : 1422422.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 557.629+/-0.134 χ^2/NDF : 2160150.4/25

eigen_cor_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 590.143+/-893.336 χ^2/NDF : 12.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

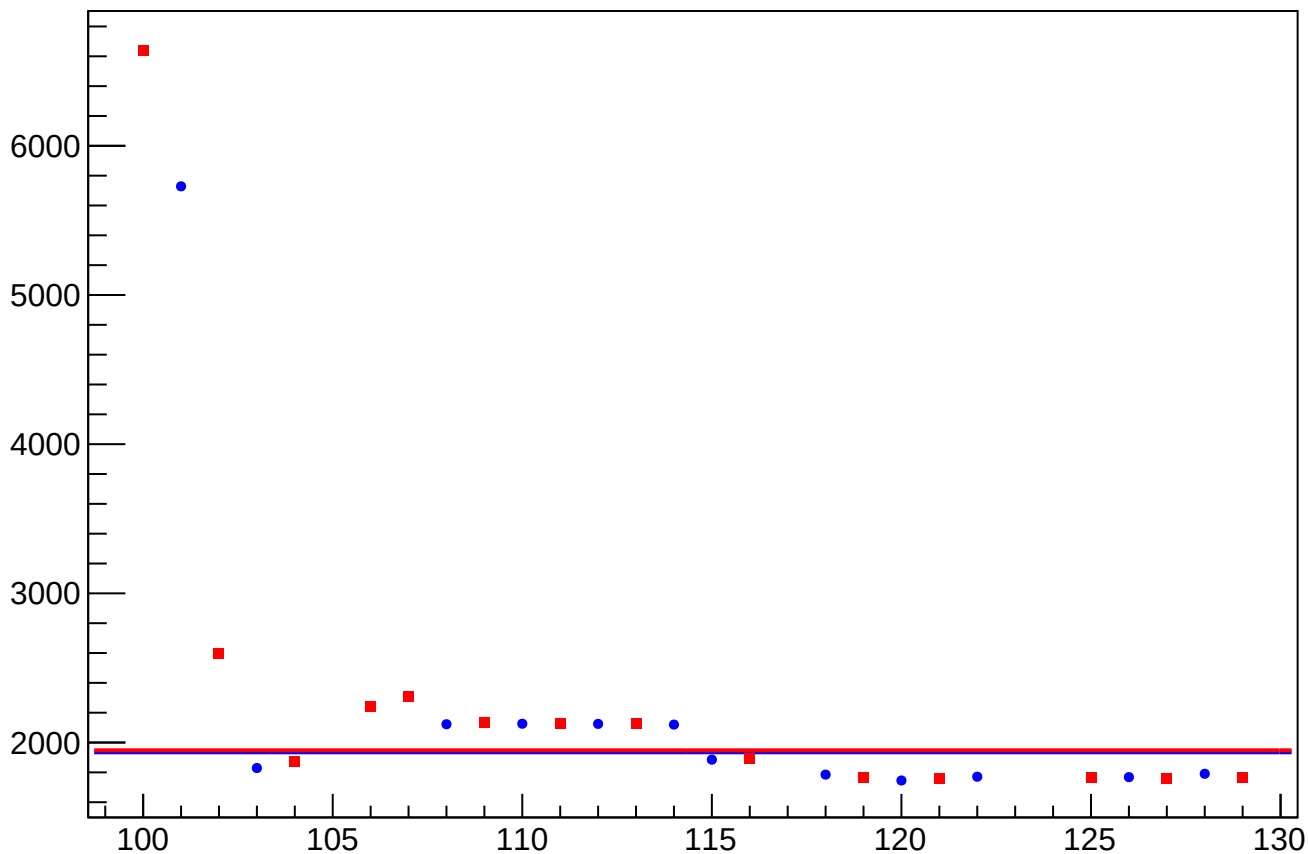
Right: -3.880+/-607.903 χ^2/NDF : 25.6/25

In: 590.143+/-893.336 χ^2/NDF : 12.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.880+/-607.903 χ^2/NDF : 25.6/25

eigen_cor_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1934.617+/-0.632 χ^2/NDF : 638170.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

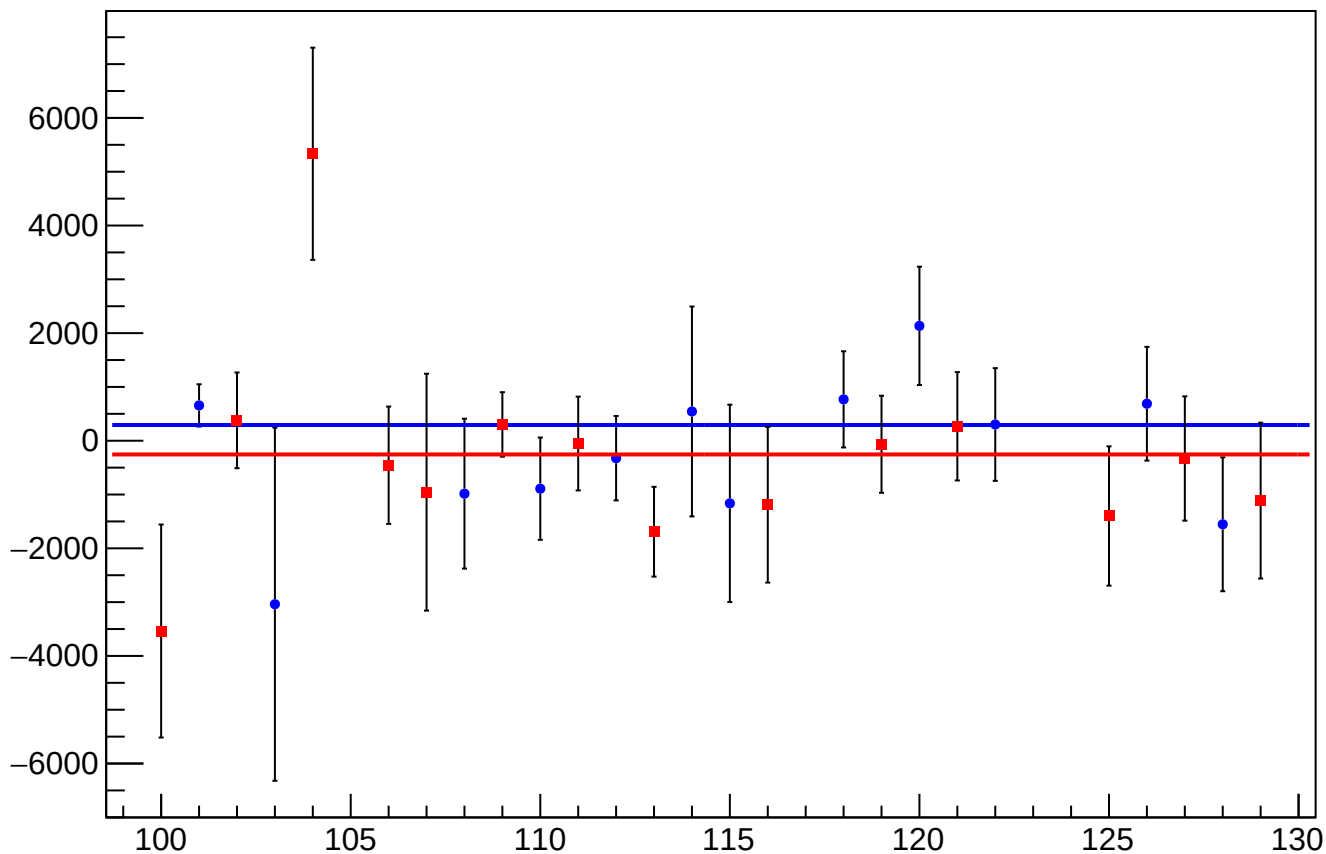
Right: 1941.725+/-0.430 χ^2/NDF : 867491.0/25

In: 1934.617+/-0.632 χ^2/NDF : 638170.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1941.725+/-0.430 χ^2/NDF : 867491.0/25

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 292.297 $\pm$ 259.021 χ^2 /NDF: 11.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -255.052 $\pm$ 278.679 χ^2 /NDF: 17.2/13

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

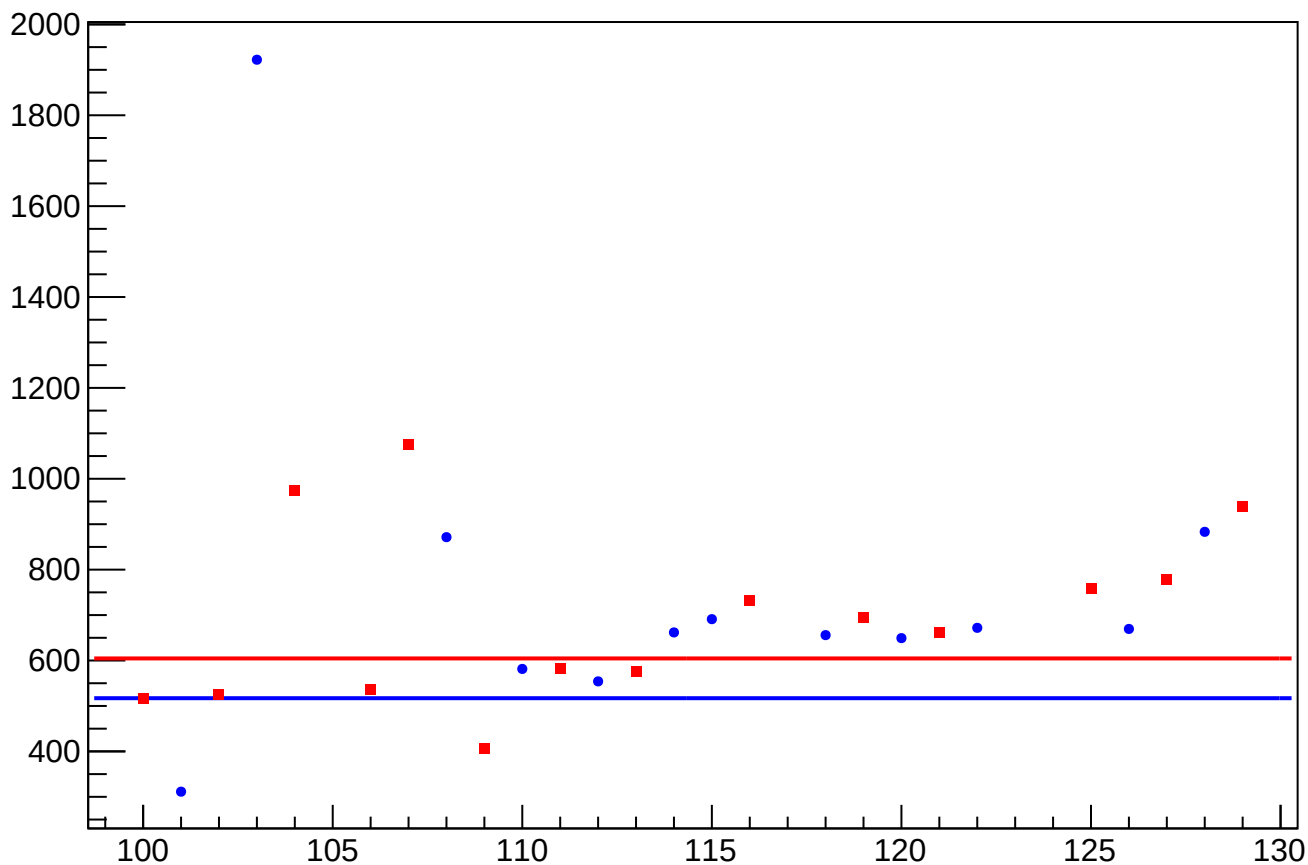
Right: 38.606 $\pm$ 189.725 χ^2 /NDF: 30.2/25

In: 292.297 $\pm$ 259.021 χ^2 /NDF:11.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 38.606 $\pm$ 189.725 χ^2 /NDF: 30.2/25

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 517.070+/-0.183 χ^2/NDF : 1422422.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

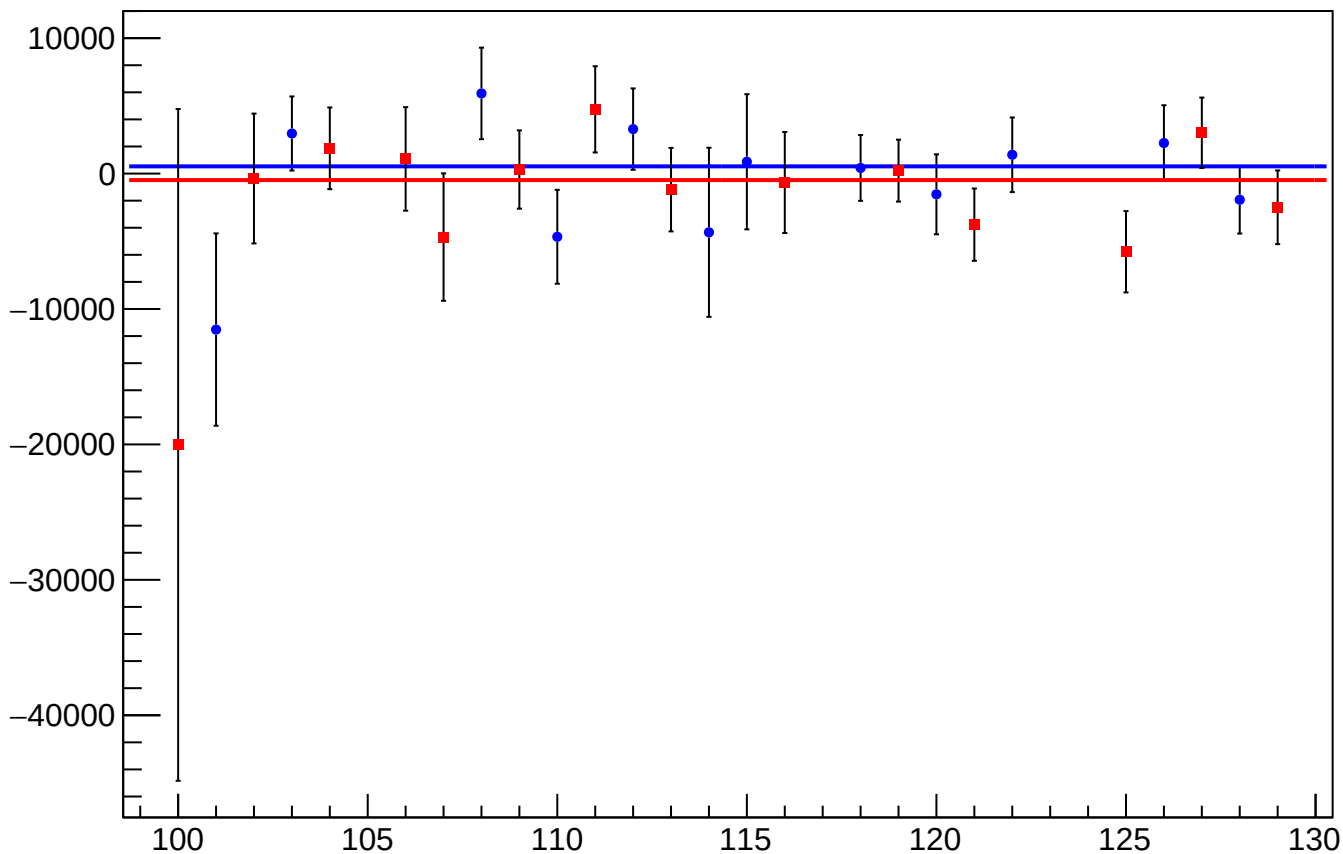
Right: 557.629+/-0.134 χ^2/NDF : 2160150.4/25

In: 517.070+/-0.183 χ^2/NDF : 1422422.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 557.629+/-0.134 χ^2/NDF : 2160150.4/25

dit_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 532.120+/-910.757 χ^2/NDF : 11.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

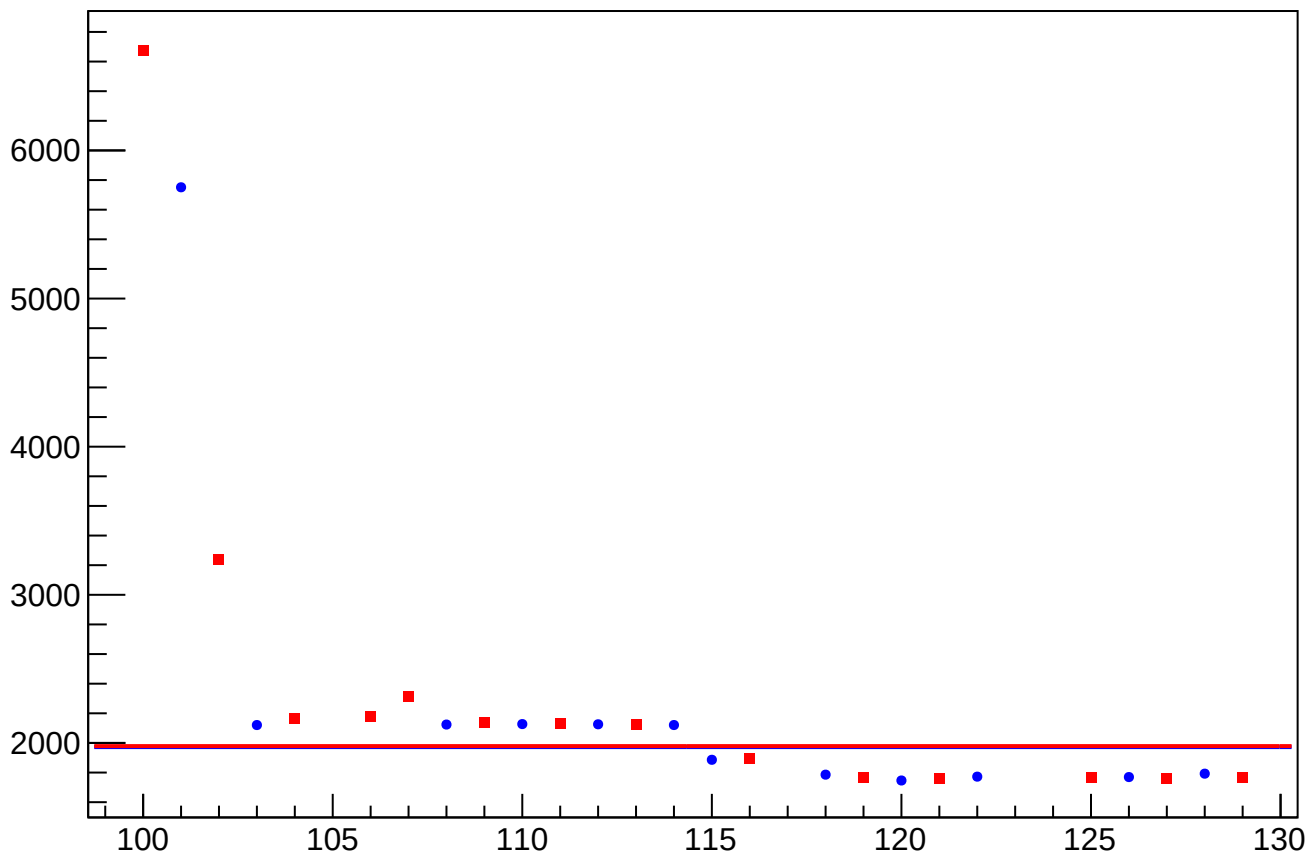
Right: -10.562+/-620.777 χ^2/NDF : 24.6/25

In: 532.120+/-910.757 χ^2/NDF : 11.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.562+/-620.777 χ^2/NDF : 24.6/25

dit_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1971.968+/-0.644 χ^2/NDF : 641874.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

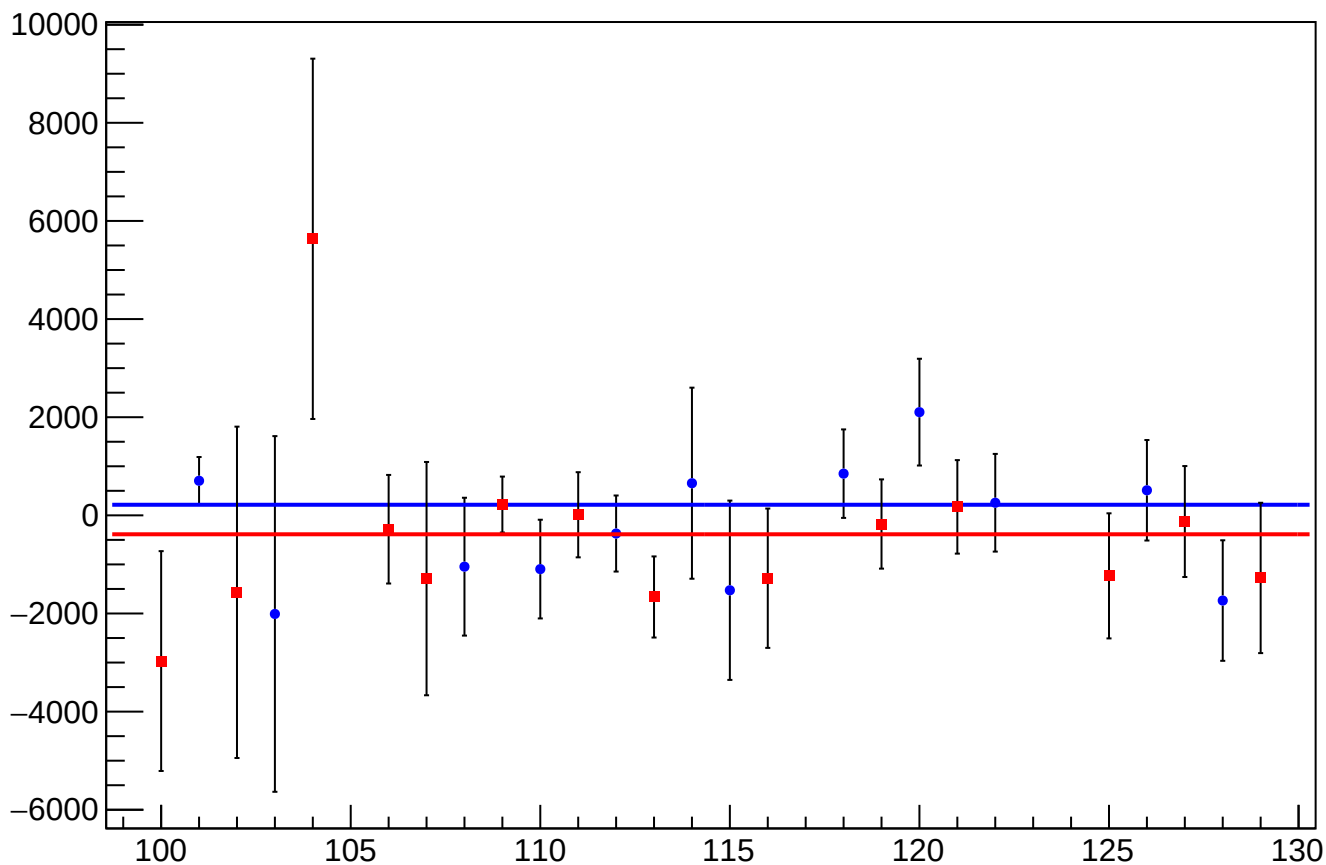
Right: 1975.528+/-0.439 χ^2/NDF : 957370.9/25

In: 1971.968+/-0.644 χ^2/NDF : 641874.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1975.528+/-0.439 χ^2/NDF : 957370.9/25

asym_us_avg_at1lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 215.809+/-279.898 χ^2/NDF : 11.5/11

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

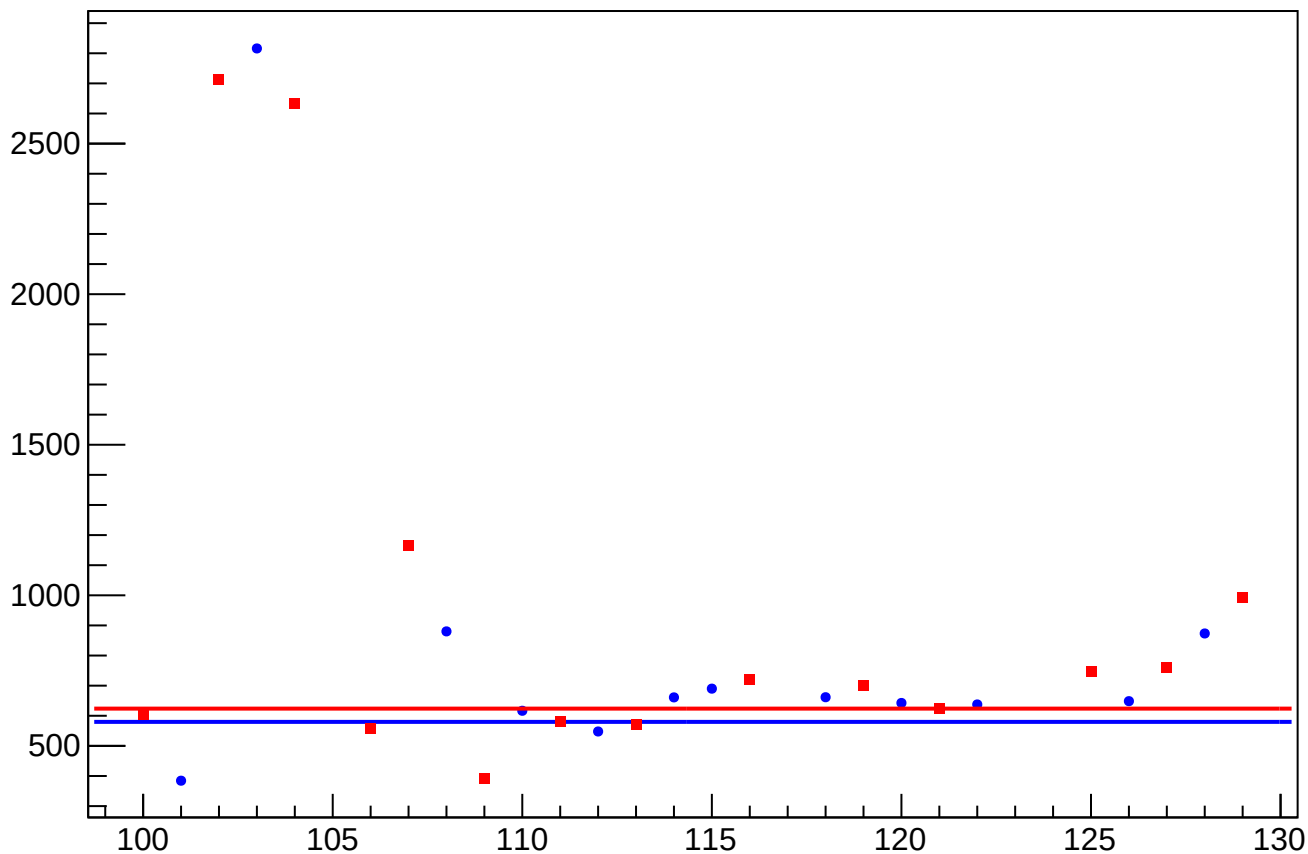
Right: -73.861+/-201.542 χ^2/NDF : 23.4/25

In: 215.809+/-279.898 χ^2/NDF : 11.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -73.861+/-201.542 χ^2/NDF : 23.4/25

asym_us_avg_at1lr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 579.698+/-0.198 χ^2/NDF : 1348502.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 623.752+/-0.205 χ^2/NDF : 2010833.9/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

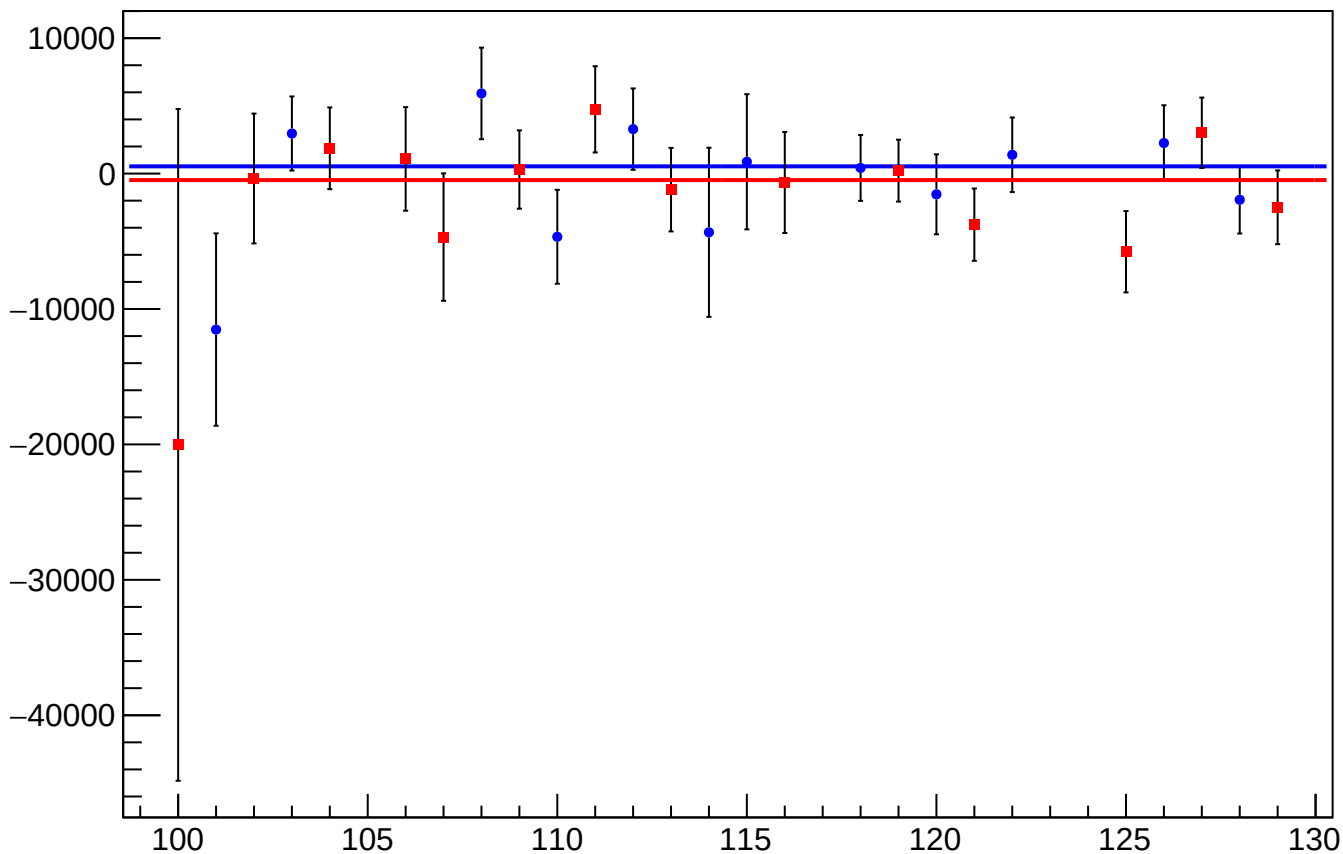
Right: 600.911+/-0.143 χ^2/NDF : 3383193.2/25

In: 579.698+/-0.198 χ^2/NDF : 1348502.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 600.911+/-0.143 χ^2/NDF : 3383193.2/25

eigen_dit_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 532.124+/-910.757 χ^2 /NDF: 11.9/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -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

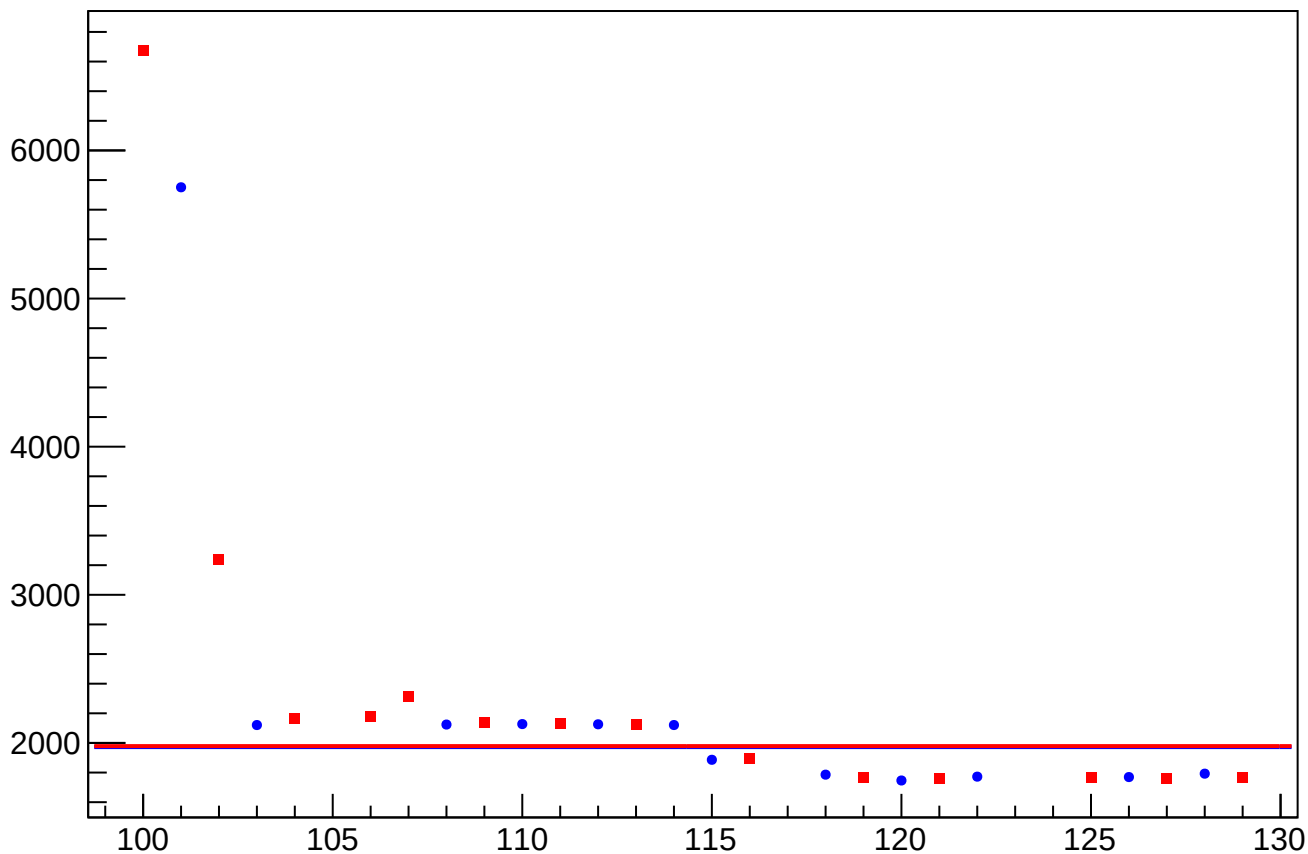
Right: -10.559+/-620.777 χ^2 /NDF: 24.6/25

In: 532.124+/-910.757 χ^2 /NDF:11.9/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -10.559+/-620.777 χ^2 /NDF: 24.6/25

eigen_dit_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1971.968+/-0.644 χ^2/NDF : 641874.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

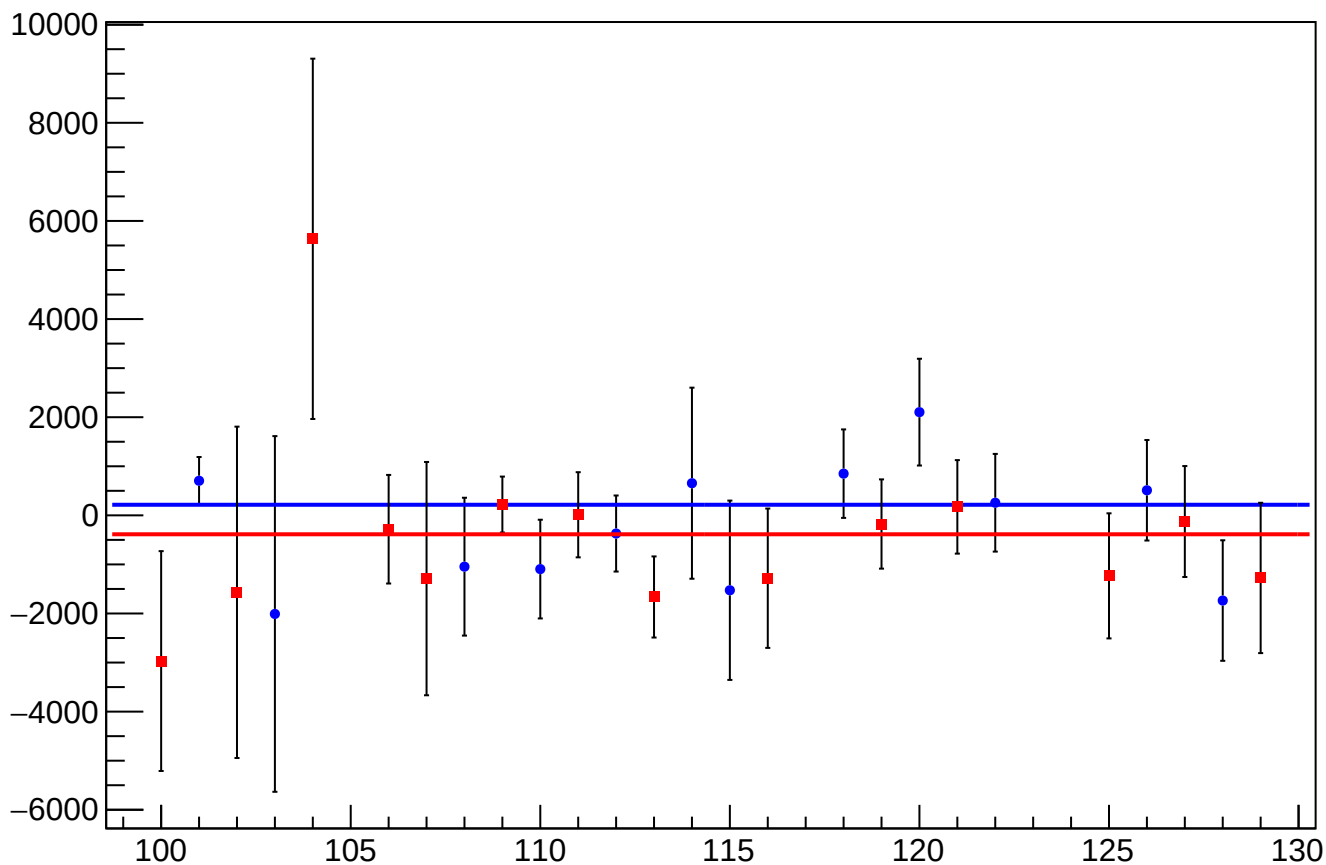
Right: 1975.527+/-0.439 χ^2/NDF : 957370.0/25

In: 1971.968+/-0.644 χ^2/NDF :641874.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1975.527+/-0.439 χ^2/NDF : 957370.0/25

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 215.808+/-279.897 χ^2/NDF : 11.5/11

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

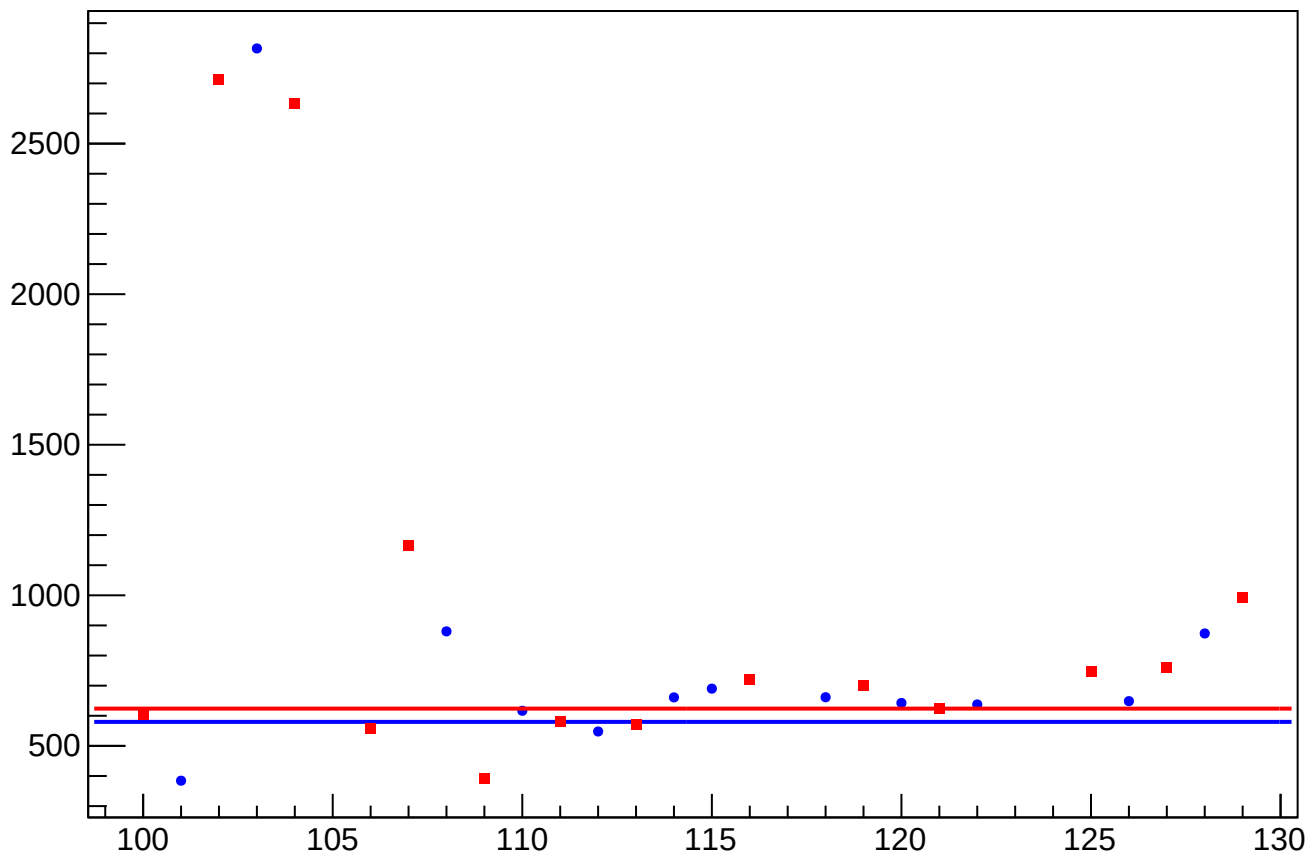
Right: -73.860+/-201.541 χ^2/NDF : 23.4/25

In: 215.808+/-279.897 χ^2/NDF : 11.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -73.860+/-201.541 χ^2/NDF : 23.4/25

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 579.696+/-0.198 χ^2/NDF : 1348491.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

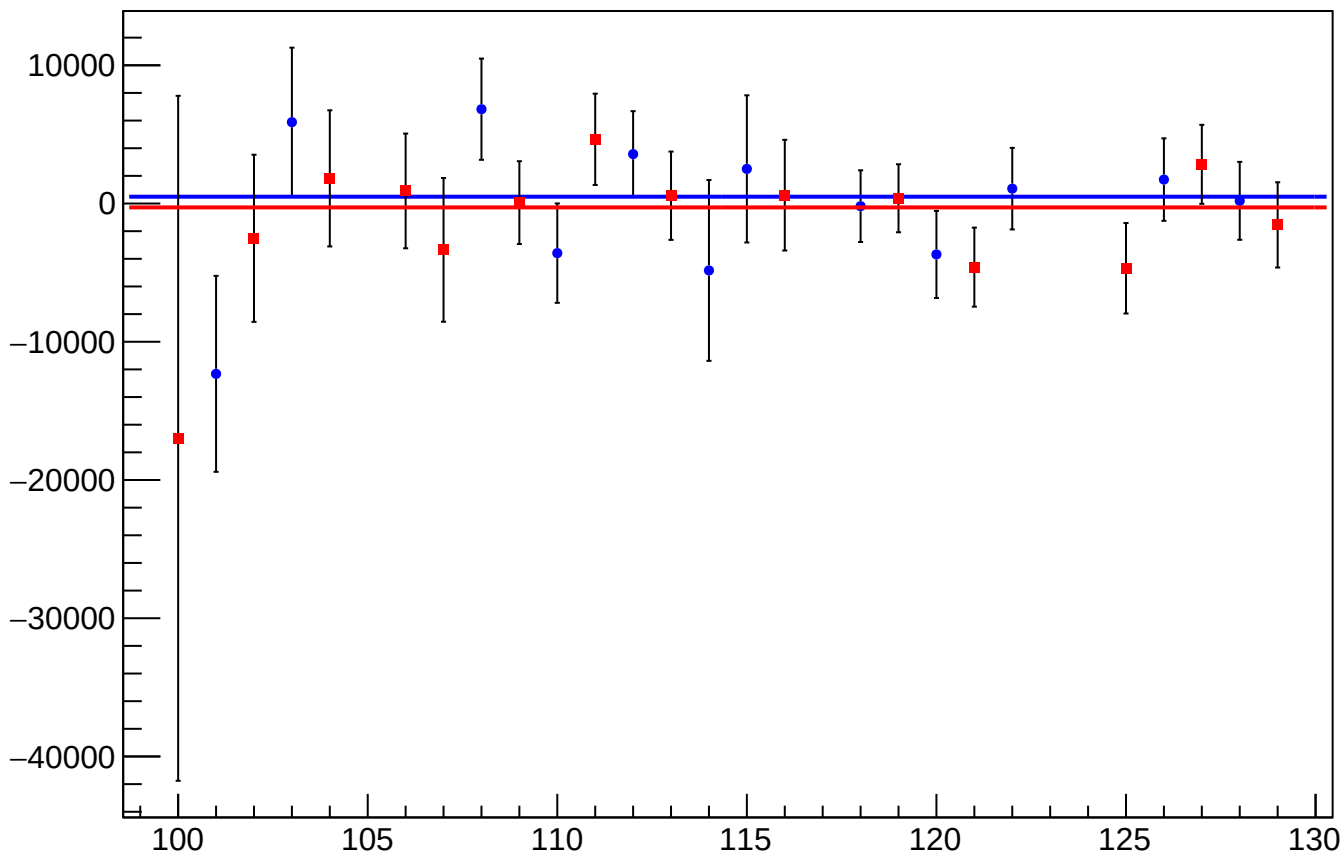
Right: 600.908+/-0.143 χ^2/NDF : 3383197.1/25

In: 579.696+/-0.198 χ^2/NDF :1348491.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 600.908+/-0.143 χ^2/NDF : 3383197.1/25

asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 493.165+/-1014.682 χ^2/NDF : 12.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

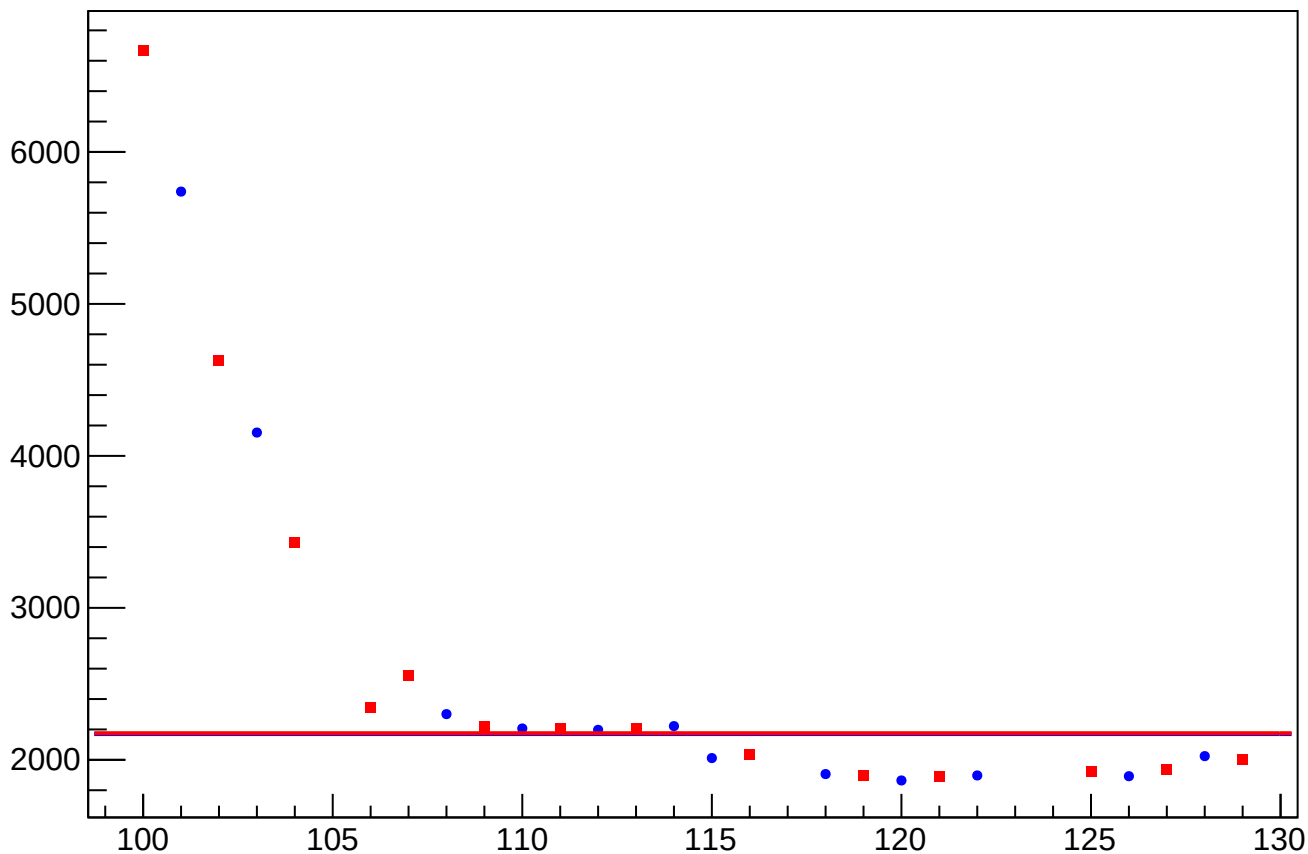
Right: 75.937+/-688.624 χ^2/NDF : 21.8/25

In: 493.165+/-1014.682 χ^2/NDF : 12.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.937+/-688.624 χ^2/NDF : 21.8/25

asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2169.603+/-0.717 χ^2/NDF : 862410.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

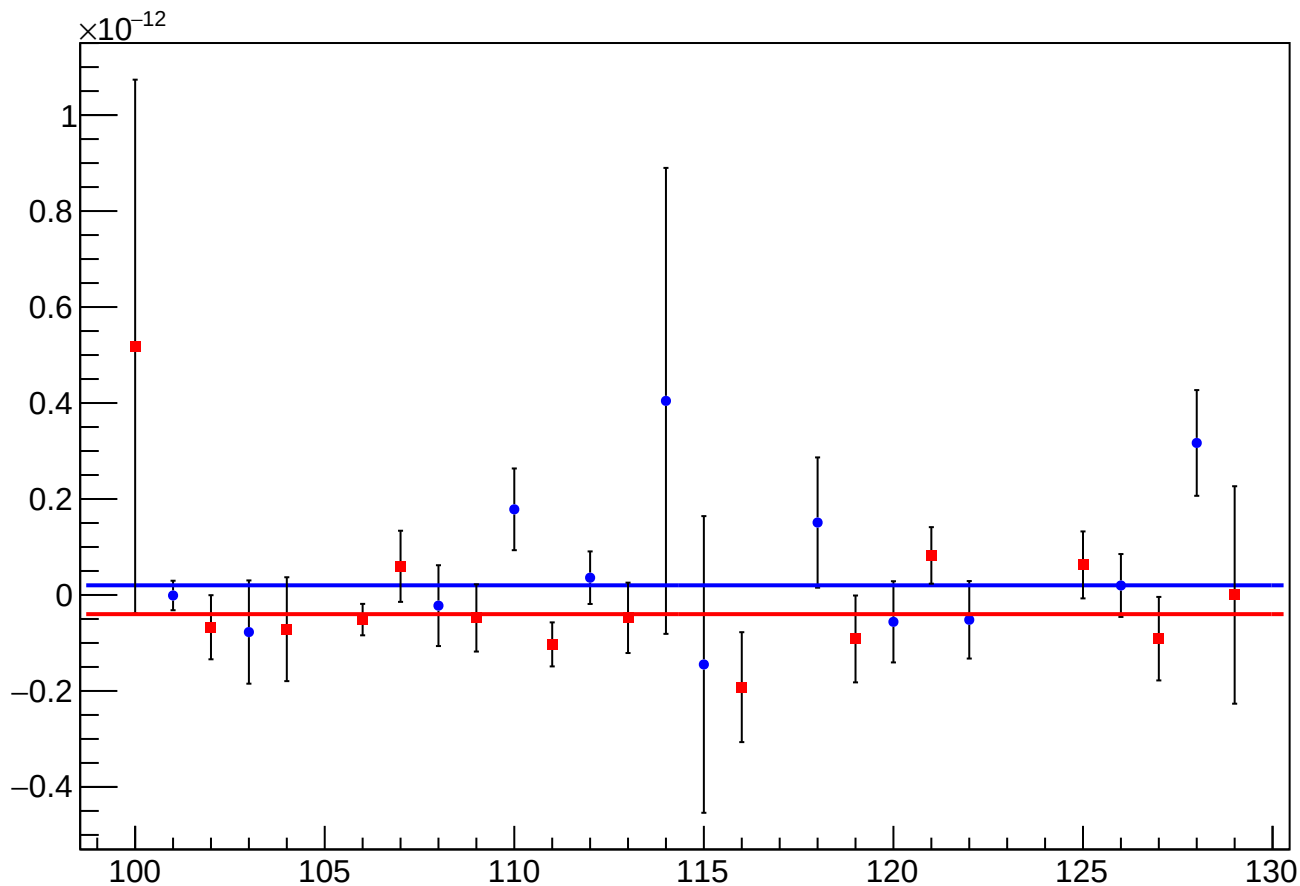
Right: 2172.641+/-0.487 χ^2/NDF : 1481757.7/25

In: 2169.603+/-0.717 χ^2/NDF : 862410.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2172.641+/-0.487 χ^2/NDF : 1481757.7/25

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

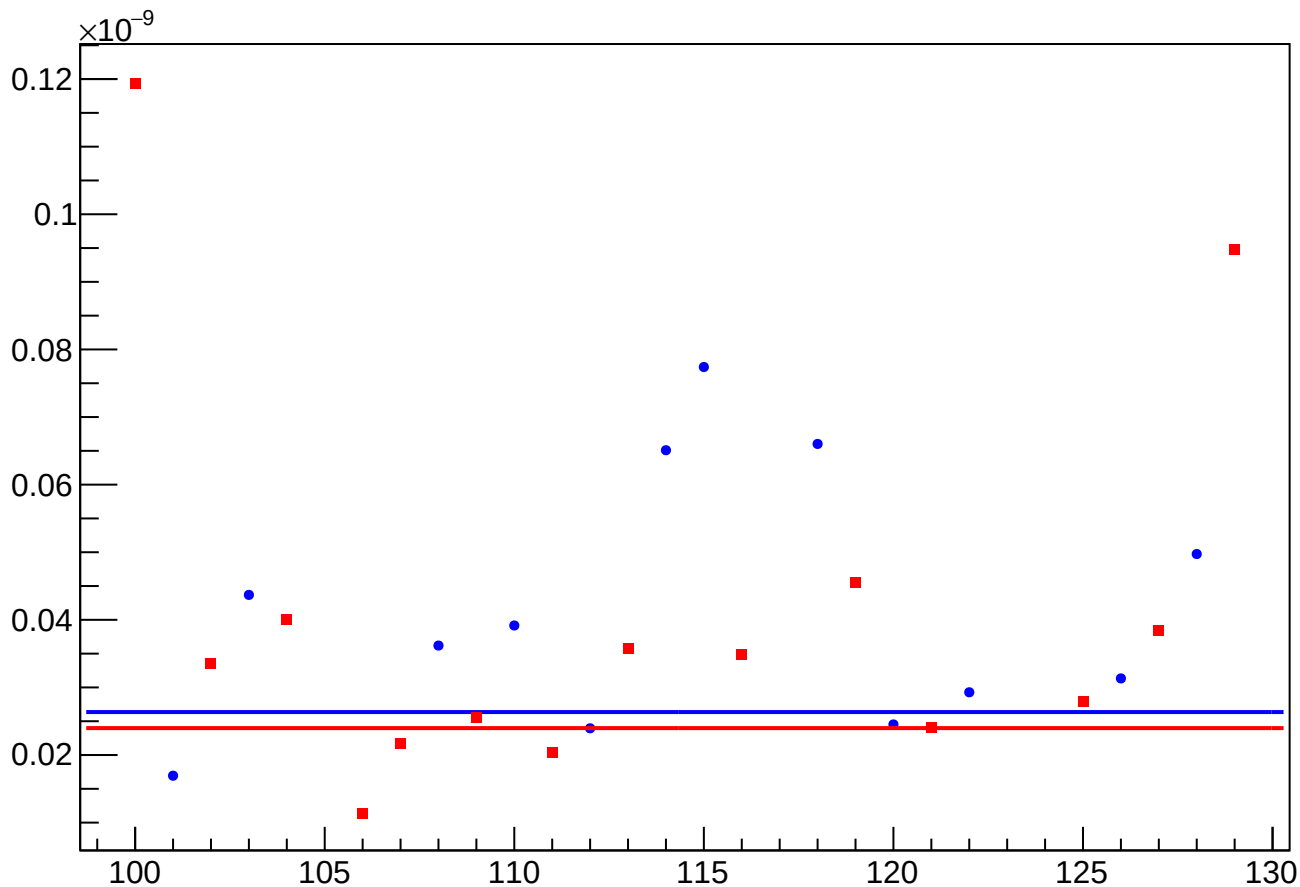
Right: -0.000+/-0.000 χ^2/NDF : 34.8/25

In: 0.000+/-0.000 χ^2/NDF : 15.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 34.8/25

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 659639.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

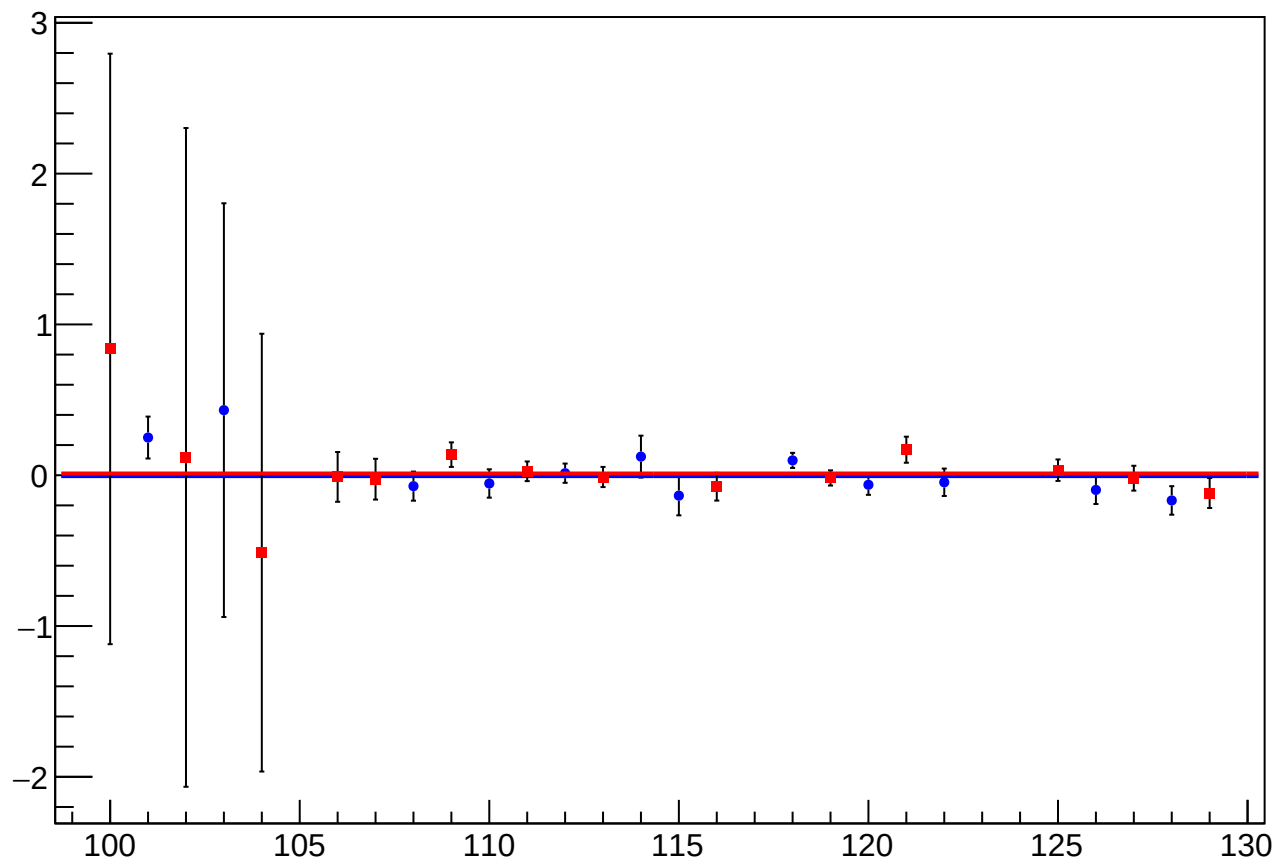
Right: 0.000+/-0.000 χ^2/NDF : 1572097.8/25

In: 0.000+/-0.000 χ^2/NDF : 659639.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1572097.8/25

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006+/-0.025 χ^2 /NDF: 15.3/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.011+/-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

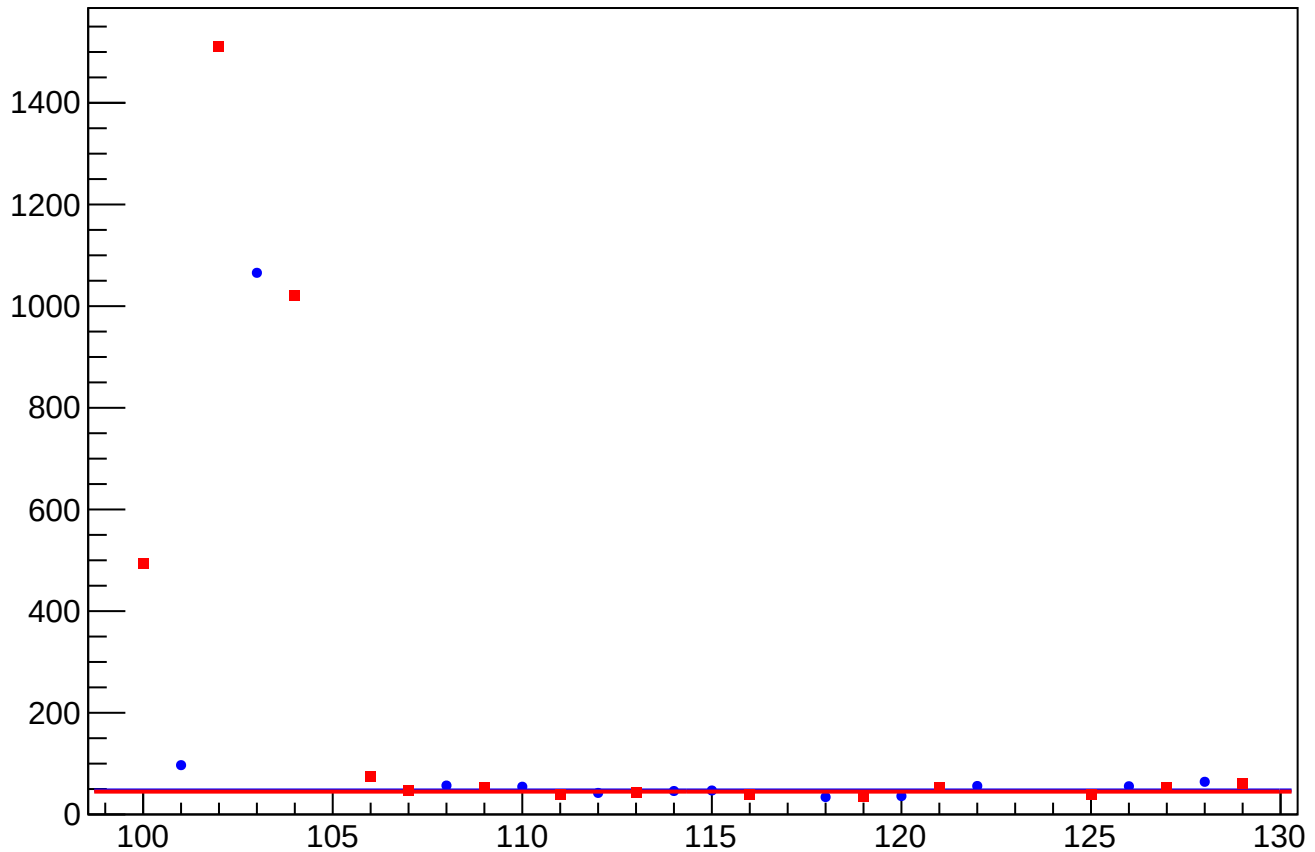
Right: 0.003+/-0.017 χ^2 /NDF: 25.0/25

In: -0.006+/-0.025 χ^2 /NDF:15.3/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.003+/-0.017 χ^2 /NDF: 25.0/25

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.208+/-0.018 χ^2/NDF : 1691893.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

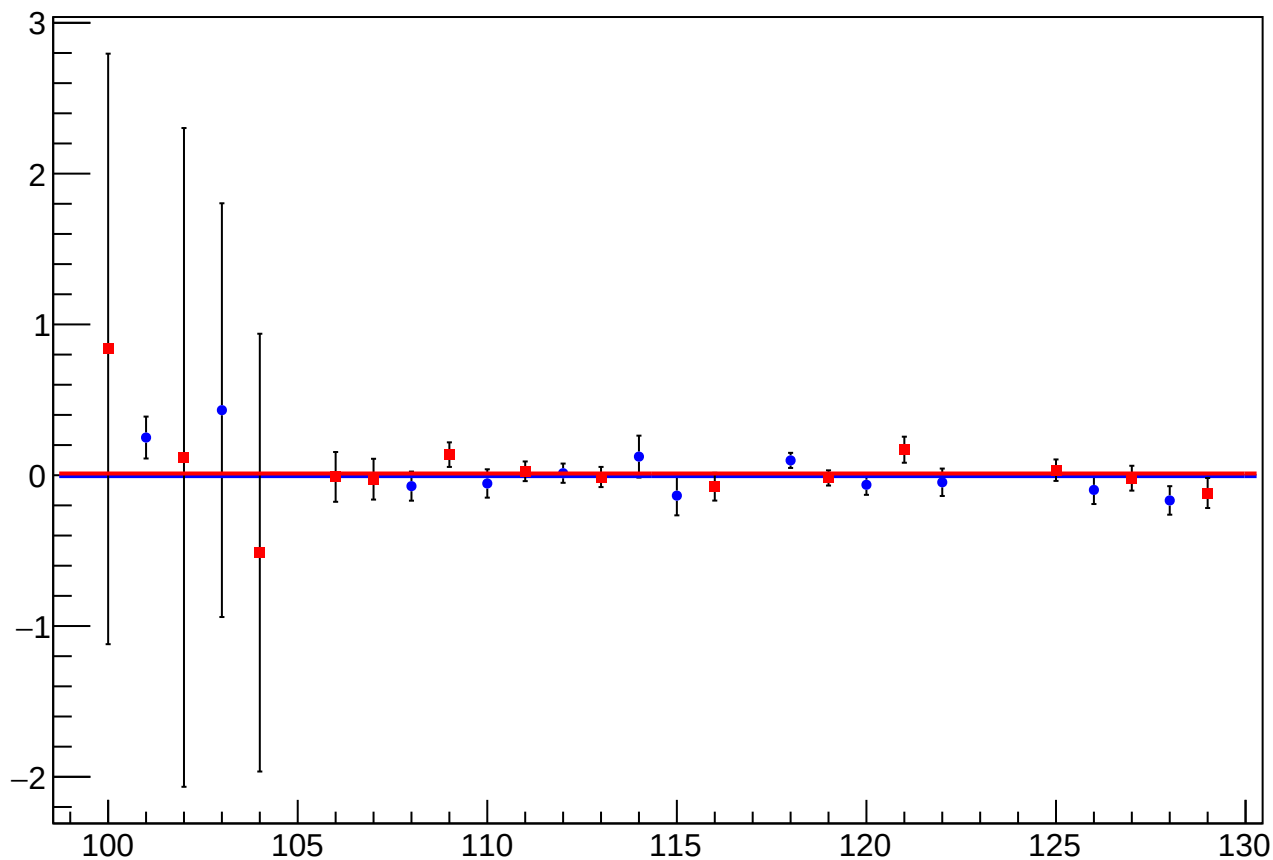
Right: 46.001+/-0.012 χ^2/NDF : 3892348.8/25

In: 47.208+/-0.018 χ^2/NDF : 1691893.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.001+/-0.012 χ^2/NDF : 3892348.8/25

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.025 χ^2 /NDF: 15.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.011 $\pm$ 0.024 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

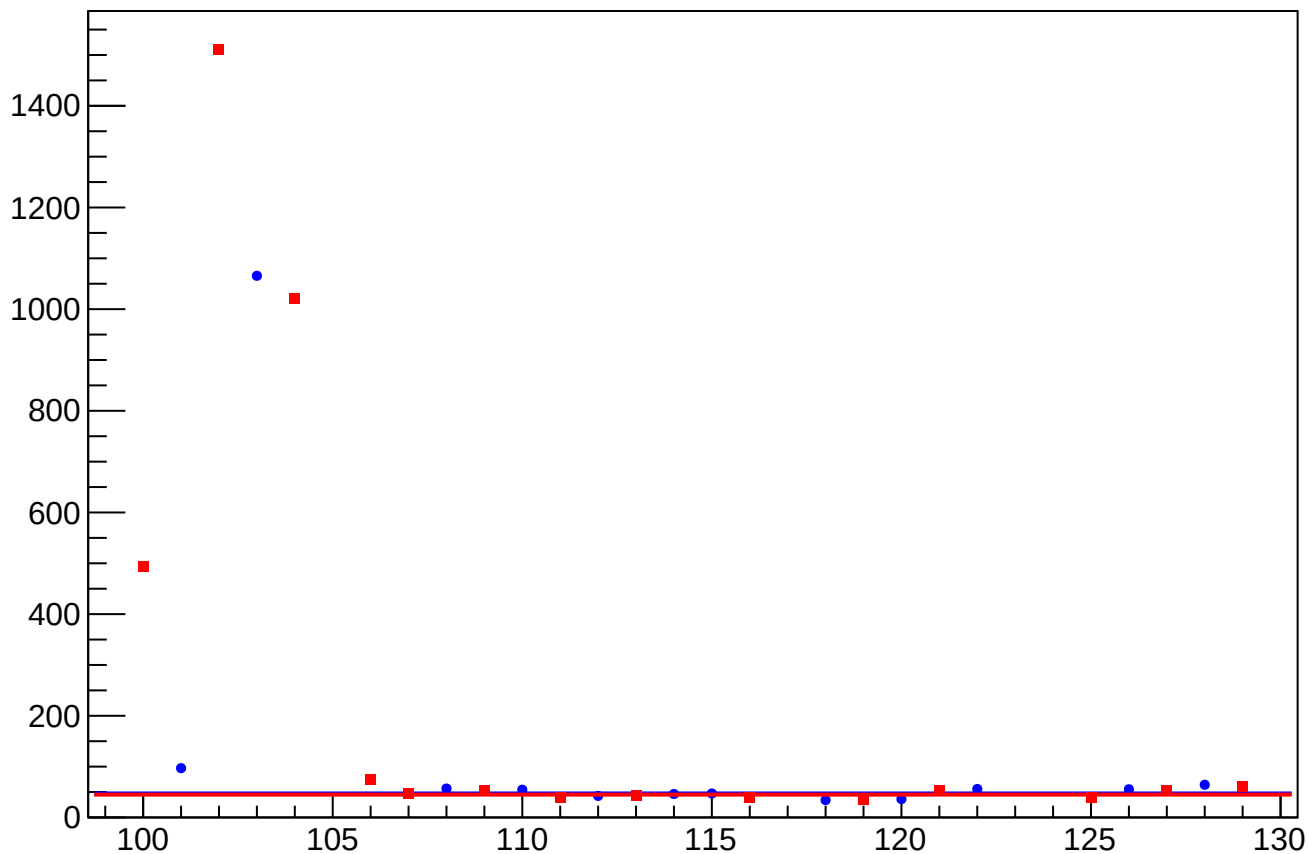
Right: 0.003 $\pm$ 0.017 χ^2 /NDF: 25.0/25

In: -0.006 $\pm$ 0.025 χ^2 /NDF:15.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.017 χ^2 /NDF: 25.0/25

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.208+/-0.018 χ^2/NDF : 1691893.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

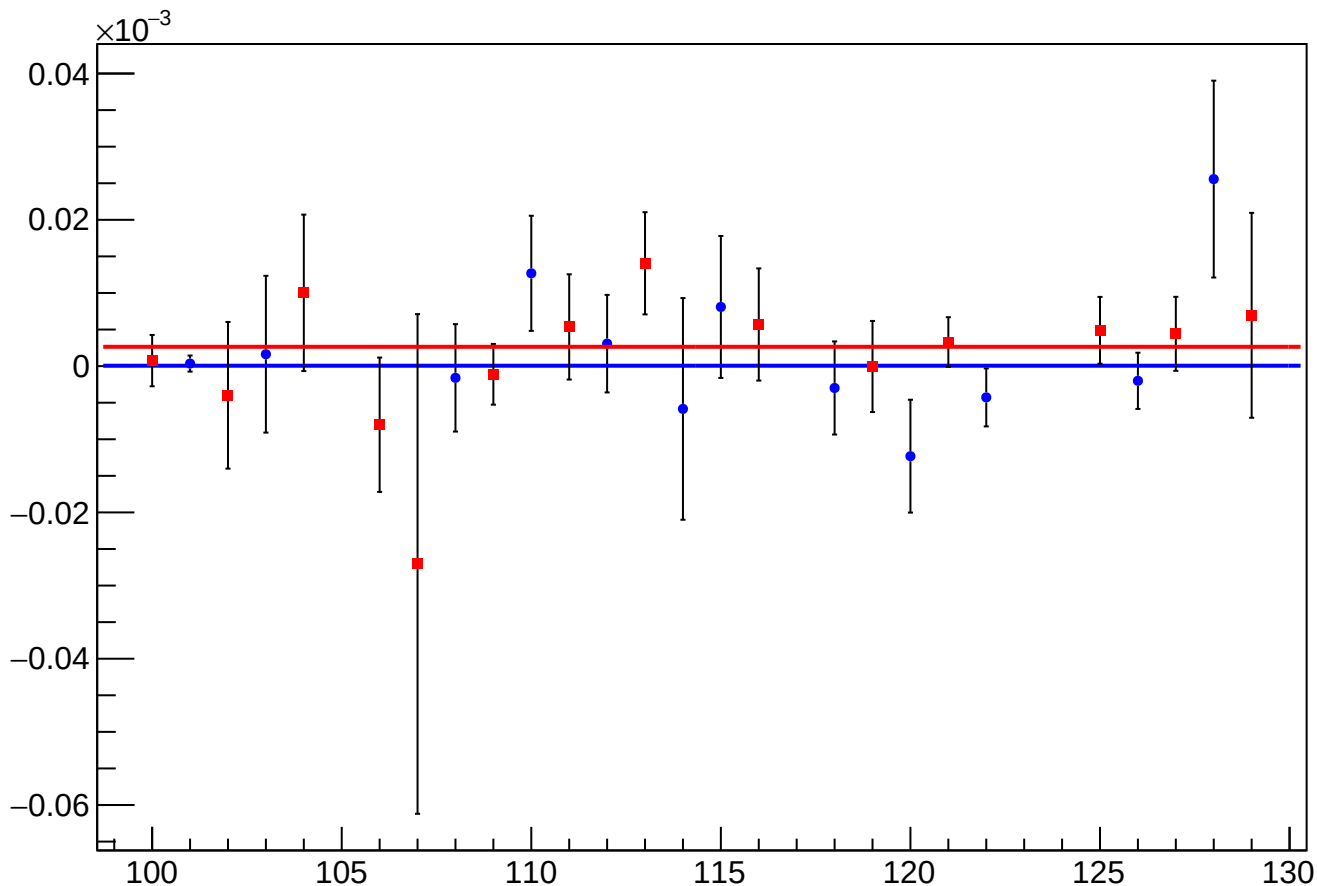
Right: 46.001+/-0.012 χ^2/NDF : 3892348.8/25

In: 47.208+/-0.018 χ^2/NDF : 1691893.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.001+/-0.012 χ^2/NDF : 3892348.8/25

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 : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

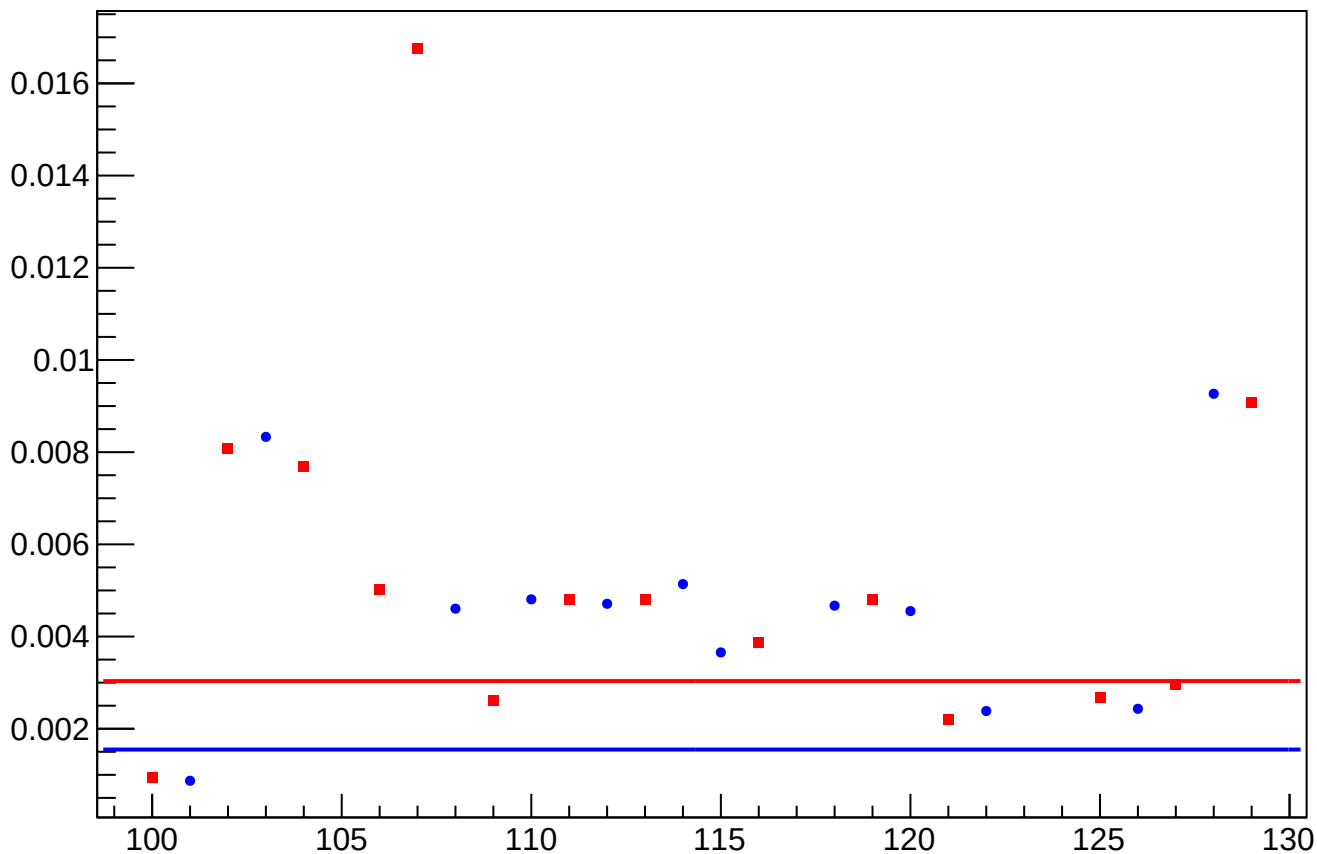
Right: 0.000+/-0.000 χ^2/NDF : 21.5/25

In: 0.000+/-0.000 χ^2/NDF : 11.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.5/25

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 : 4542905.5/11

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

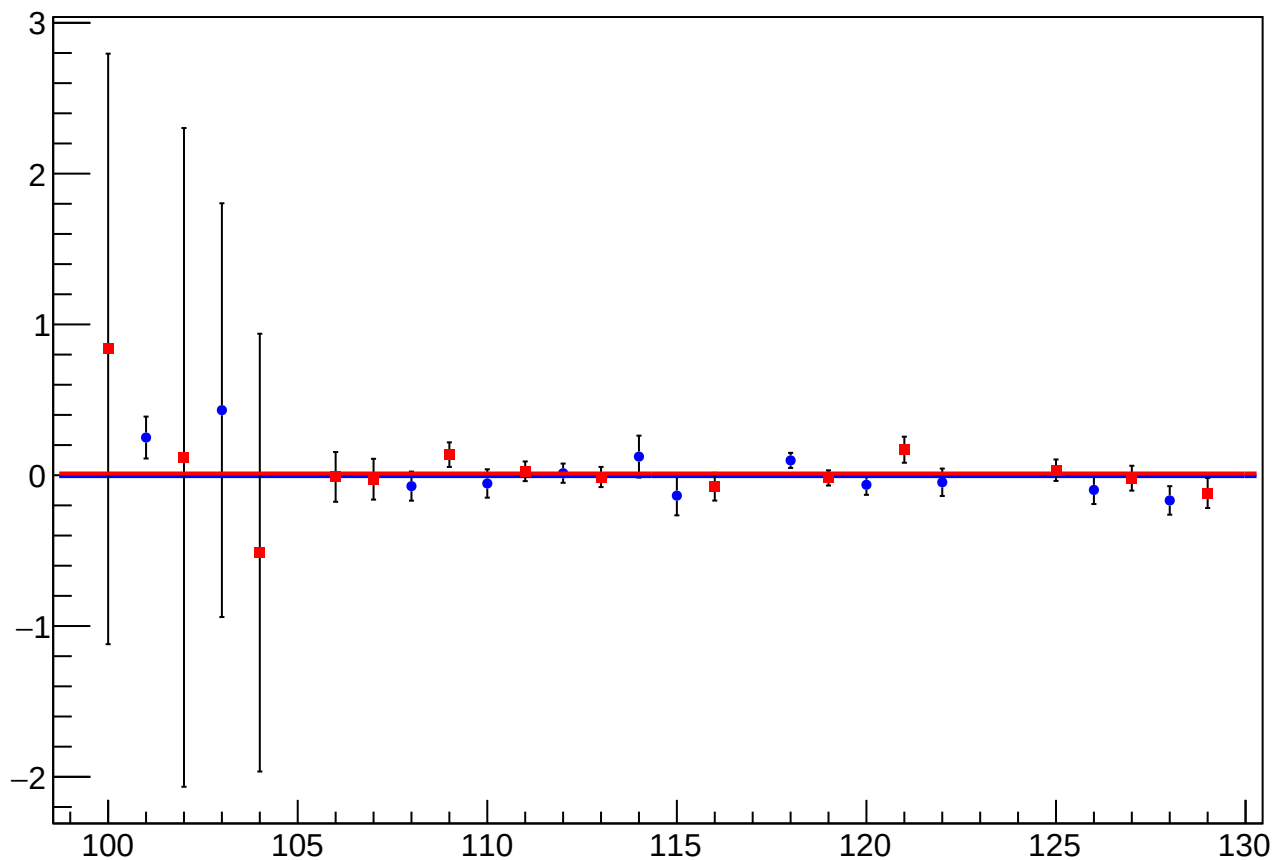
Right: 0.002+/-0.000 χ^2/NDF : 8880826.6/25

In: 0.002+/-0.000 χ^2/NDF : 4542905.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 8880826.6/25

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006+/-0.025 χ^2 /NDF: 15.3/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.011+/-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

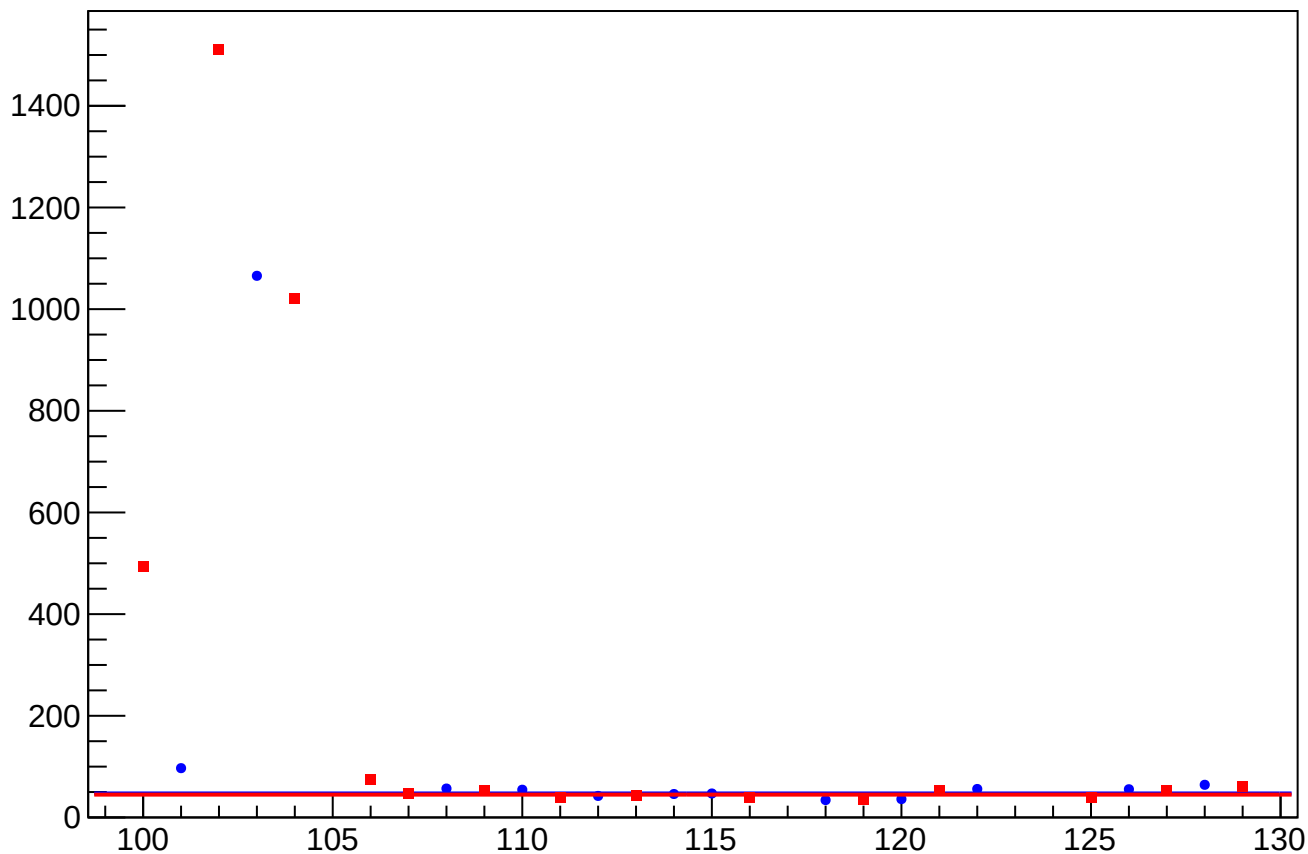
Right: 0.003+/-0.017 χ^2 /NDF: 25.0/25

In: -0.006+/-0.025 χ^2 /NDF:15.3/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.003+/-0.017 χ^2 /NDF: 25.0/25

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.209+/-0.018 χ^2/NDF : 1691838.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

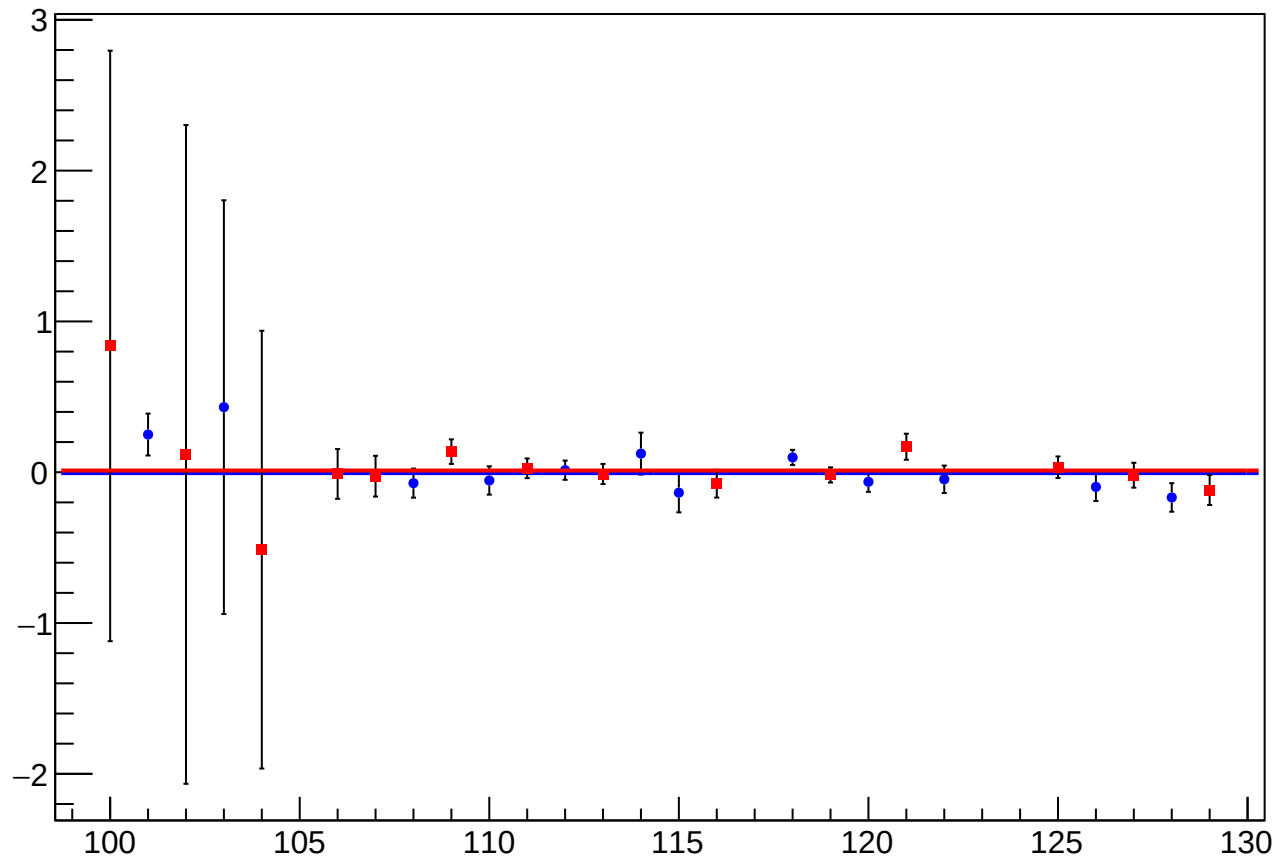
Right: 46.001+/-0.012 χ^2/NDF : 3892313.8/25

In: 47.209+/-0.018 χ^2/NDF : 1691838.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.001+/-0.012 χ^2/NDF : 3892313.8/25

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006+/-0.025 χ^2/NDF : 15.3/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-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

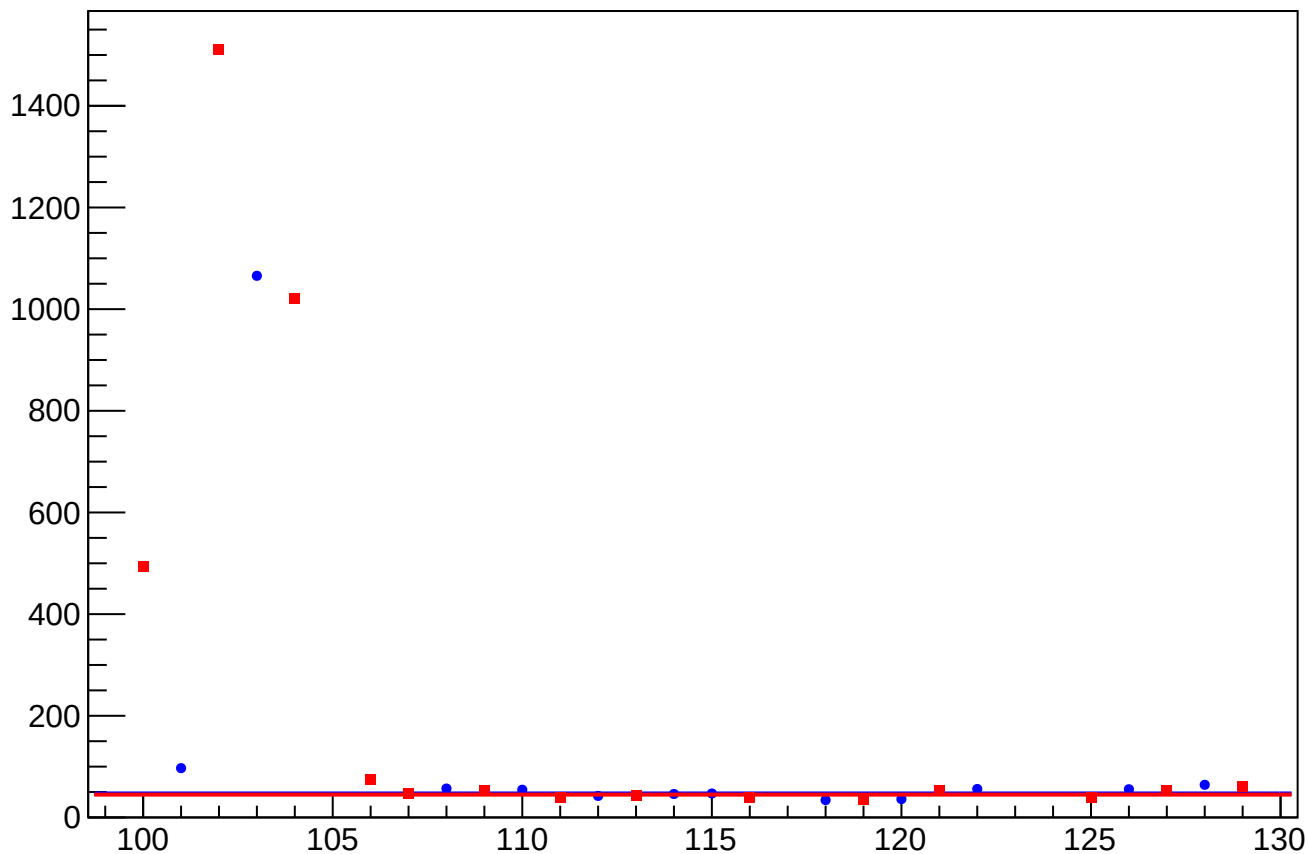
Right: 0.003+/-0.017 χ^2/NDF : 25.0/25

In: -0.006+/-0.025 χ^2/NDF :15.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.017 χ^2/NDF : 25.0/25

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.209+/-0.018 χ^2/NDF : 1691838.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

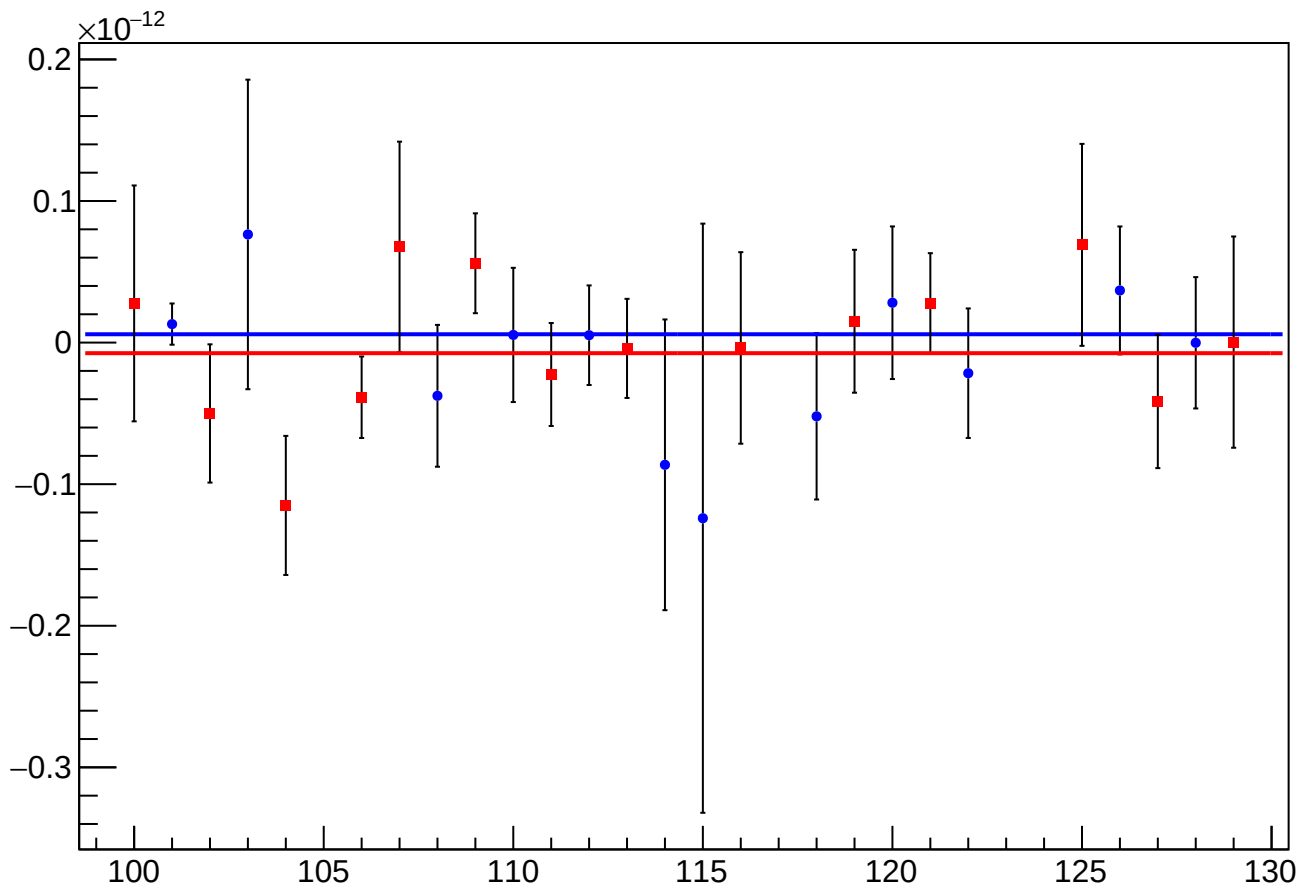
Right: 46.001+/-0.012 χ^2/NDF : 3892313.8/25

In: 47.209+/-0.018 χ^2/NDF : 1691838.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.001+/-0.012 χ^2/NDF : 3892313.8/25

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 : 4.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

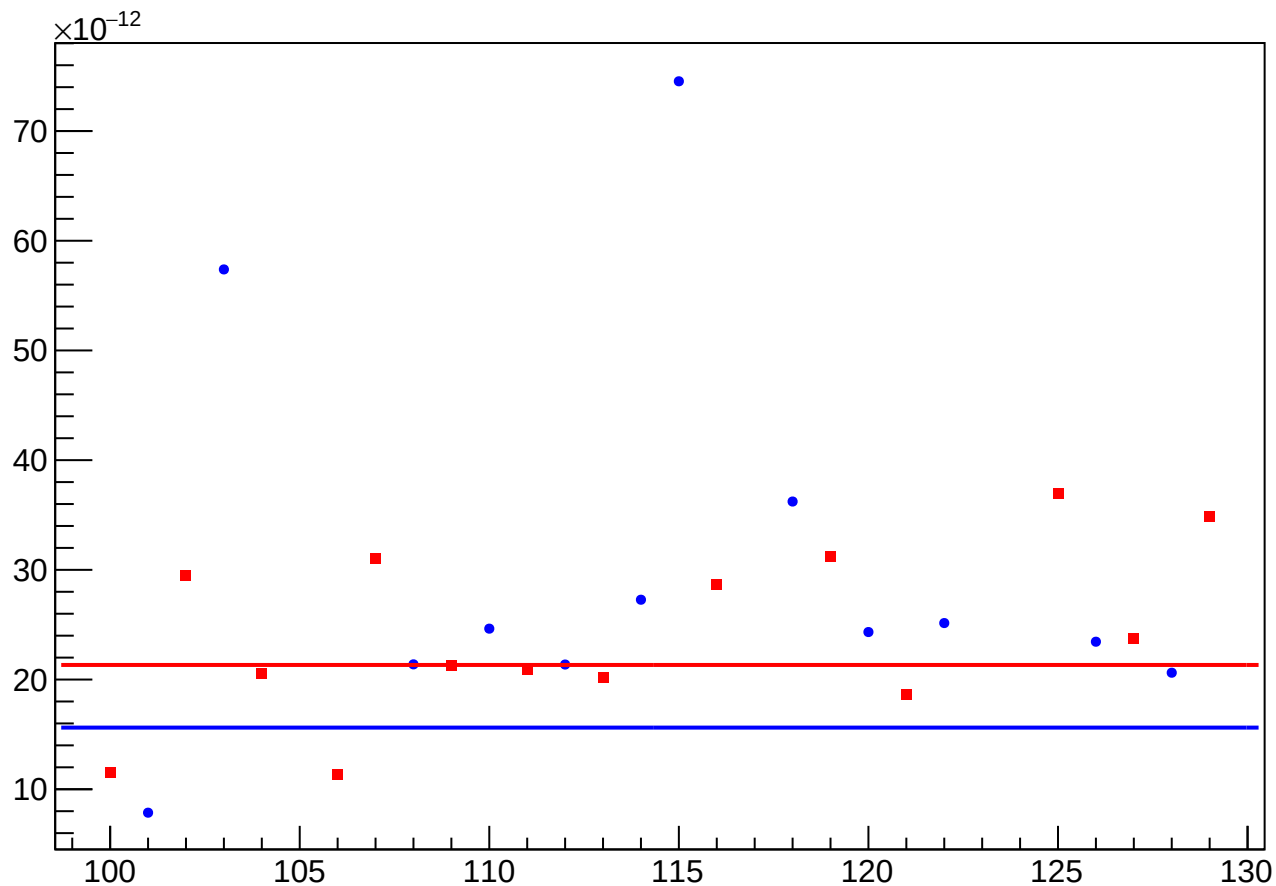
Right: -0.000+/-0.000 χ^2/NDF : 19.5/25

In: 0.000+/-0.000 χ^2/NDF : 4.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.5/25

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 : 1666900.0/11

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

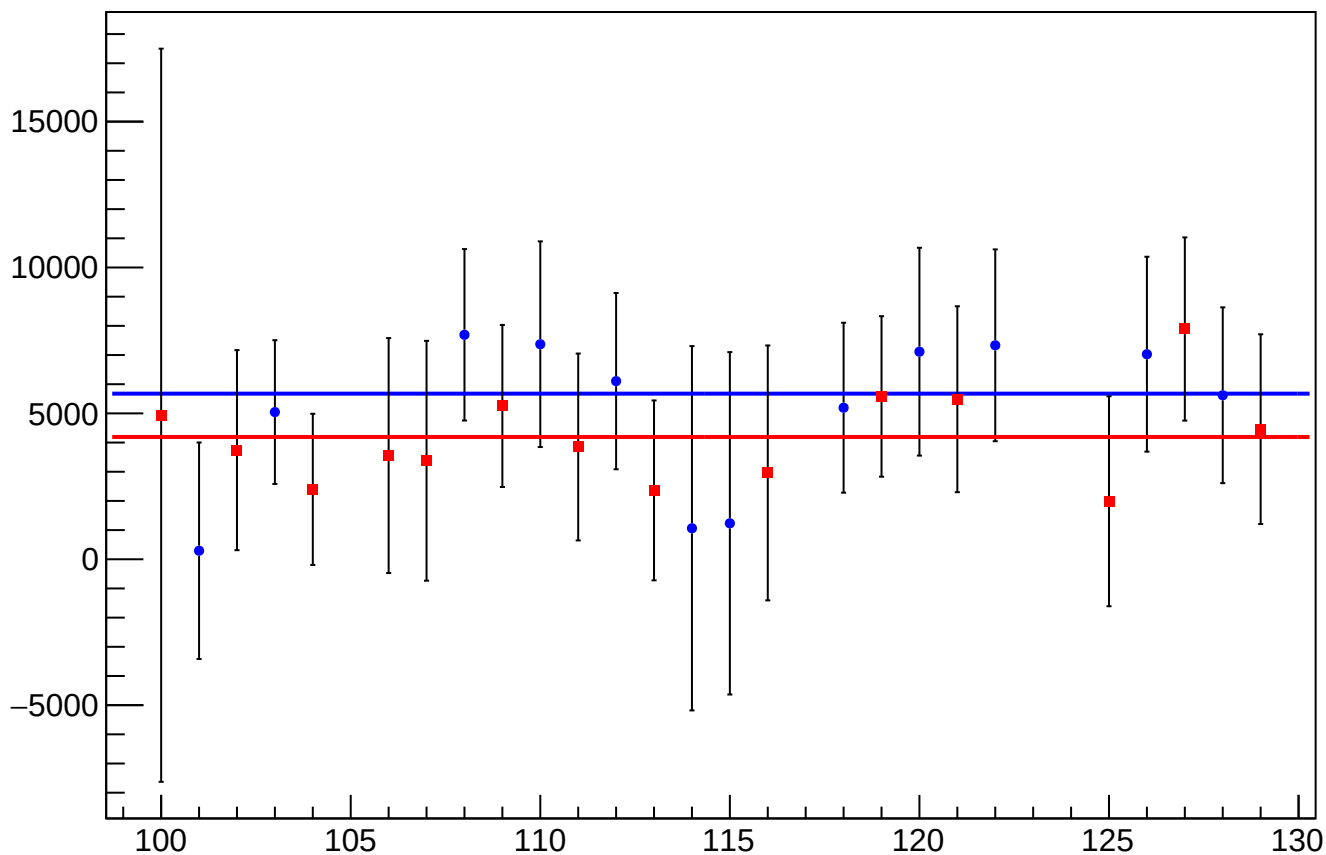
Right: 0.000+/-0.000 χ^2/NDF : 2558140.4/25

In: 0.000+/-0.000 χ^2/NDF : 1666900.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2558140.4/25

reg_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5676.243+/-959.091 χ^2/NDF : 4.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

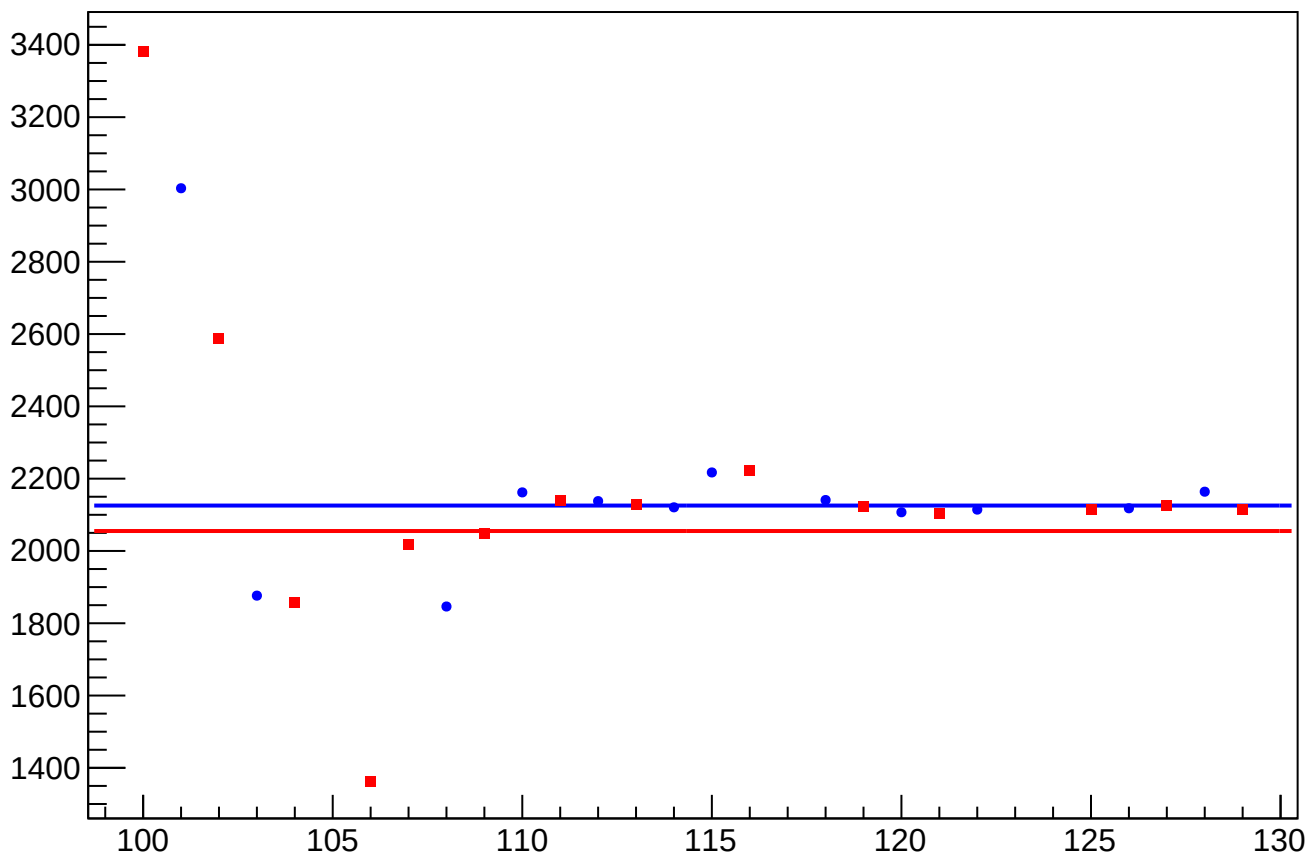
Right: 4882.152+/-654.129 χ^2/NDF : 9.3/25

In: 5676.243+/-959.091 χ^2/NDF : 4.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4882.152+/-654.129 χ^2/NDF : 9.3/25

reg_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2125.573+/-0.678 χ^2/NDF : 151653.2/11

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

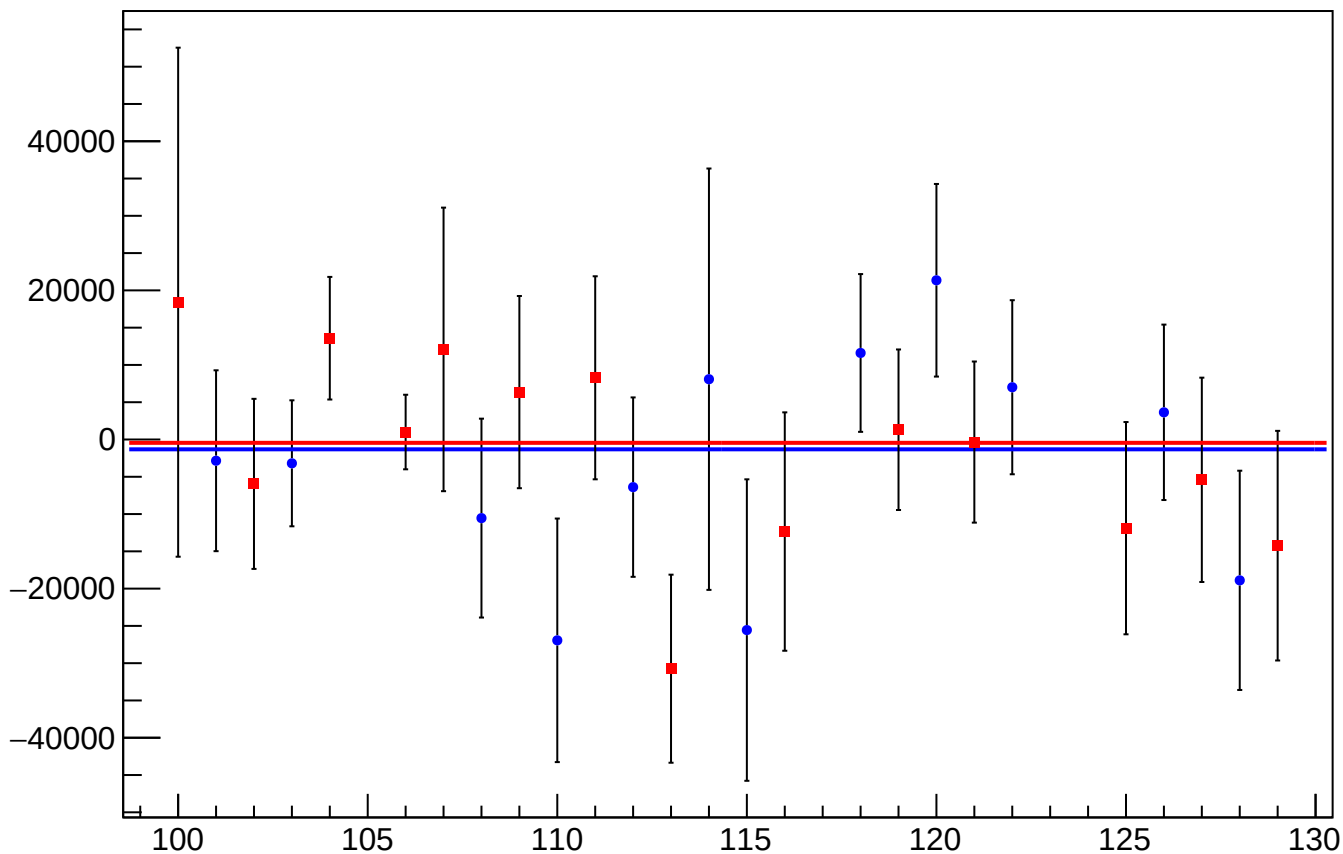
Right: 2087.227+/-0.458 χ^2/NDF : 355866.5/25

In: 2125.573+/-0.678 χ^2/NDF : 151653.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2087.227+/-0.458 χ^2/NDF : 355866.5/25

asym_us_avg_at2lr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1318.772 $\pm$ 3653.757 χ^2 /NDF: 11.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -447.765 $\pm$ 2894.084 χ^2 /NDF: 12.6/13

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

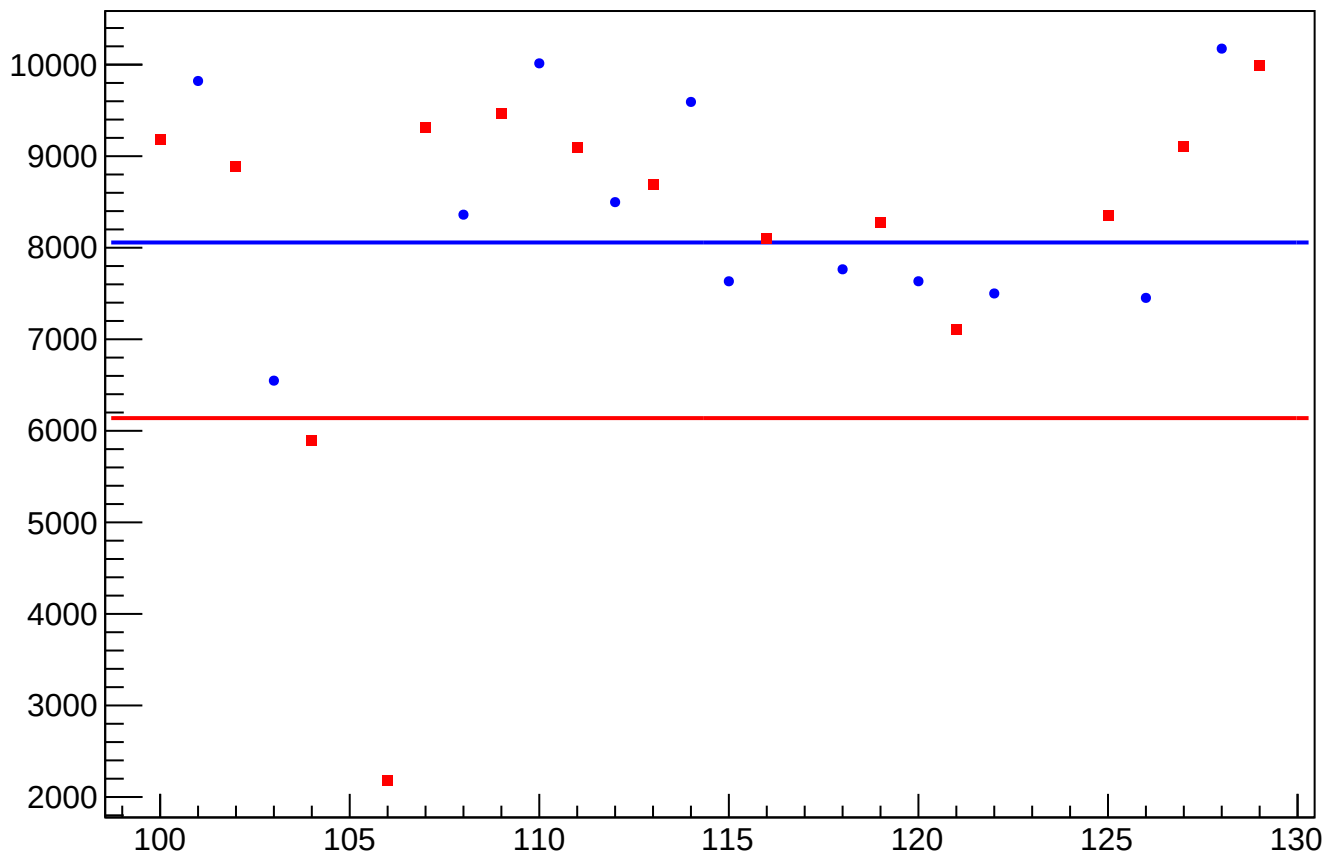
Right: -783.557 $\pm$ 2268.633 χ^2 /NDF: 24.0/25

In: -1318.772 $\pm$ 3653.757 χ^2 /NDF: 11.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -783.557 $\pm$ 2268.633 χ^2 /NDF: 24.0/25

asym_us_avg_at2lr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 8057.326+/-2.584 χ^2/NDF : 200375.6/11

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

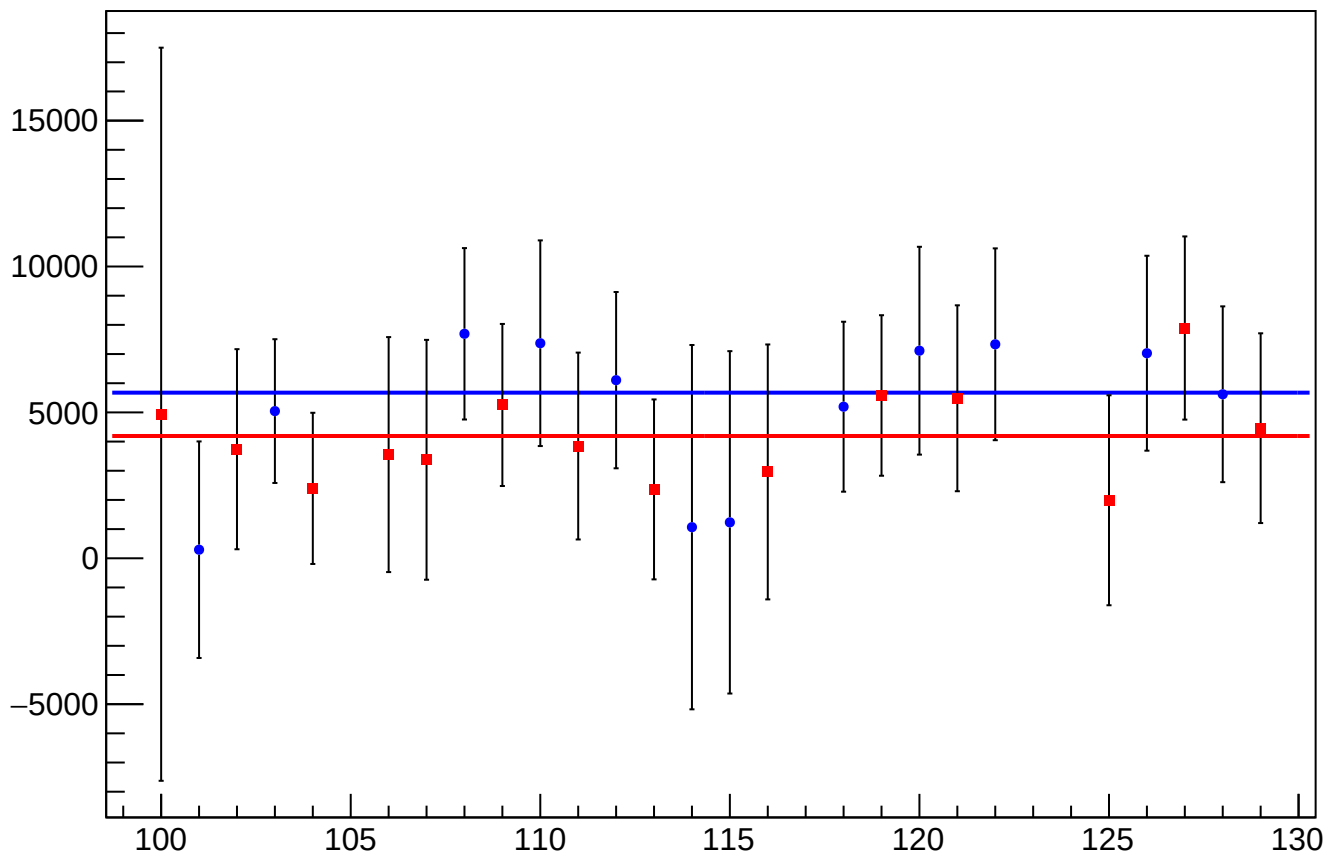
Right: 6878.485+/-1.604 χ^2/NDF : 2684234.8/25

In: 8057.326+/-2.584 χ^2/NDF :200375.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6878.485+/-1.604 χ^2/NDF : 2684234.8/25

cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5676.536 $\pm$ 959.091 χ^2 /NDF: 4.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 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

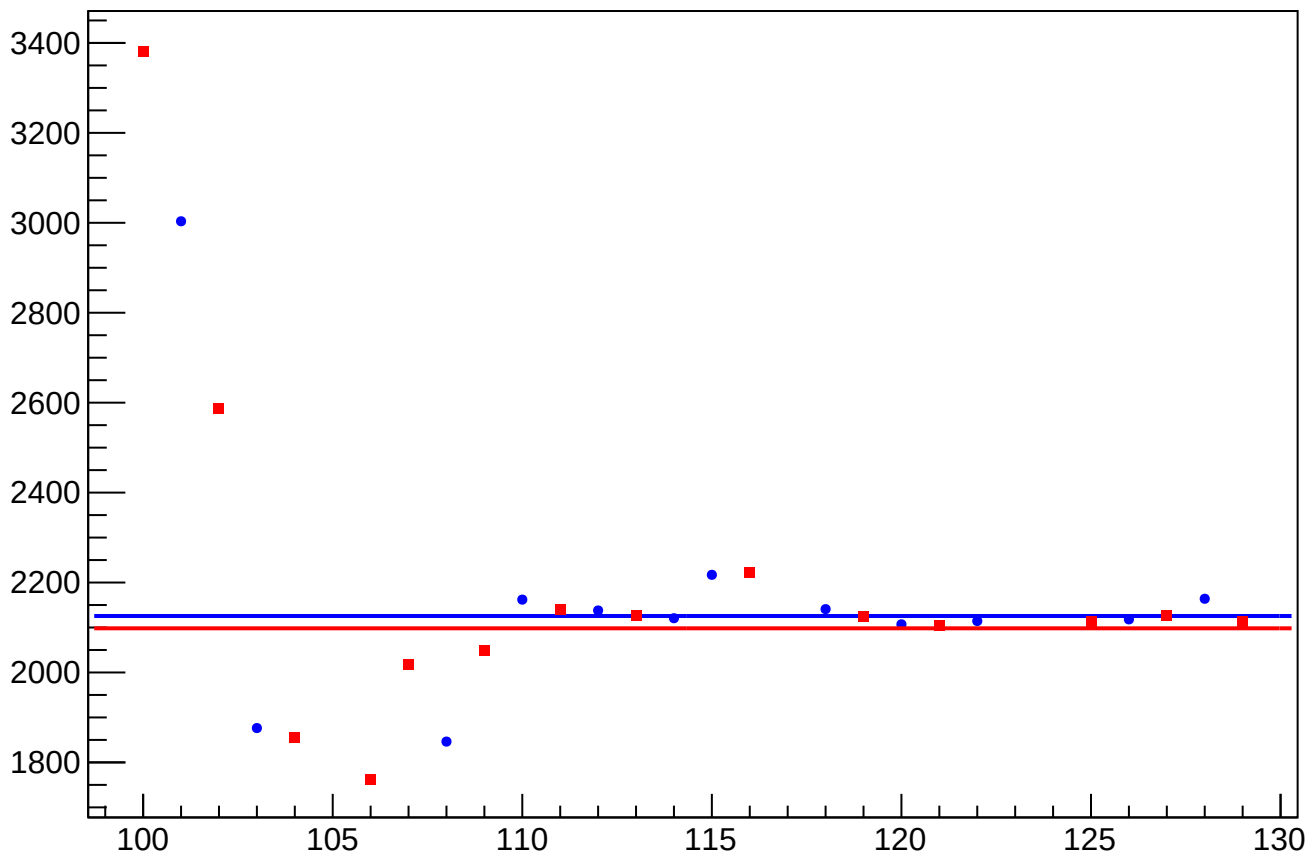
Right: 4882.130 $\pm$ 654.129 χ^2 /NDF: 9.3/25

In: 5676.536 $\pm$ 959.091 χ^2 /NDF:4.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4882.130 $\pm$ 654.129 χ^2 /NDF: 9.3/25

cor_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2125.573+/-0.678 χ^2/NDF : 151653.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

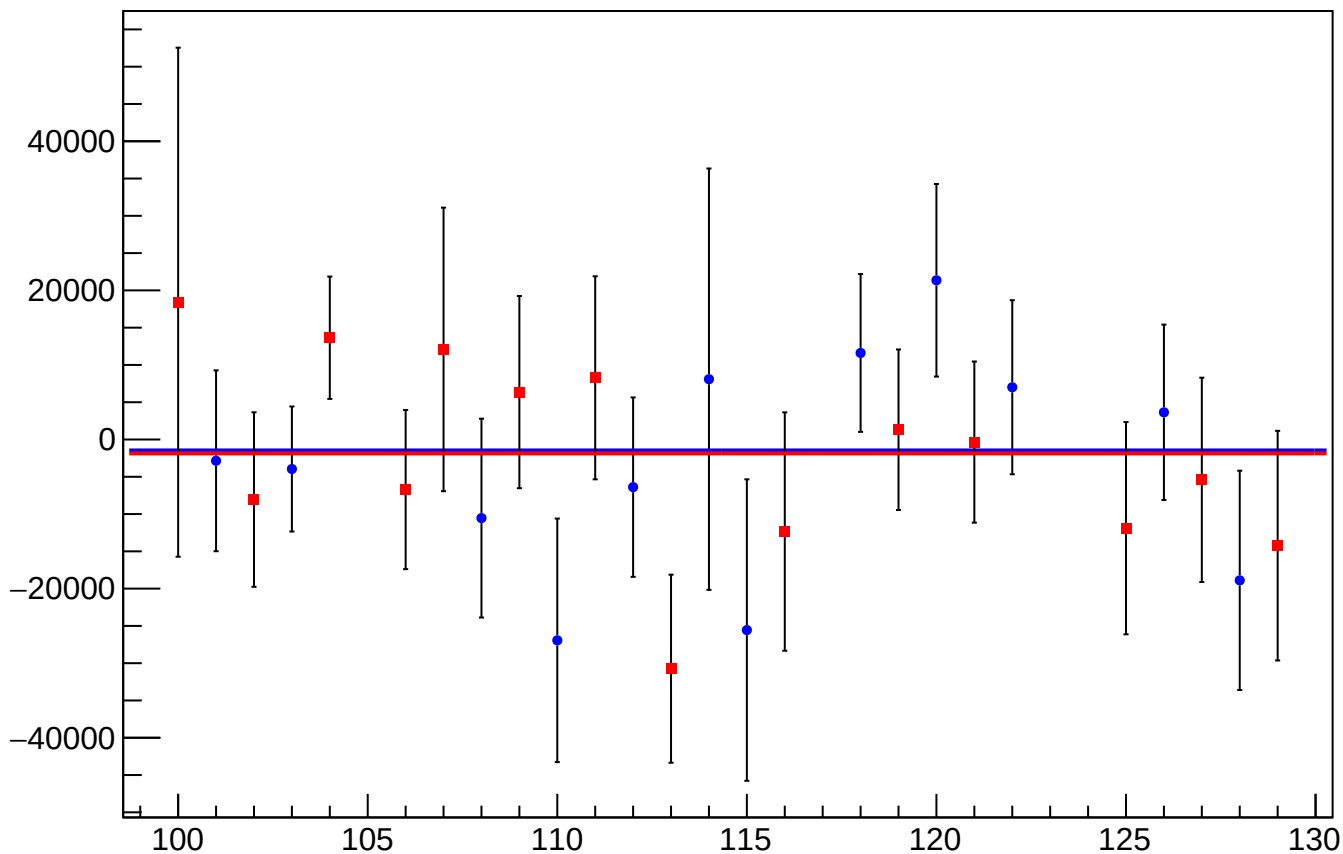
Right: 2110.847+/-0.461 χ^2/NDF : 252875.1/25

In: 2125.573+/-0.678 χ^2/NDF : 151653.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2110.847+/-0.461 χ^2/NDF : 252875.1/25

asym_us_avg_at2lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1468.804+/-3648.507 χ^2/NDF : 11.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

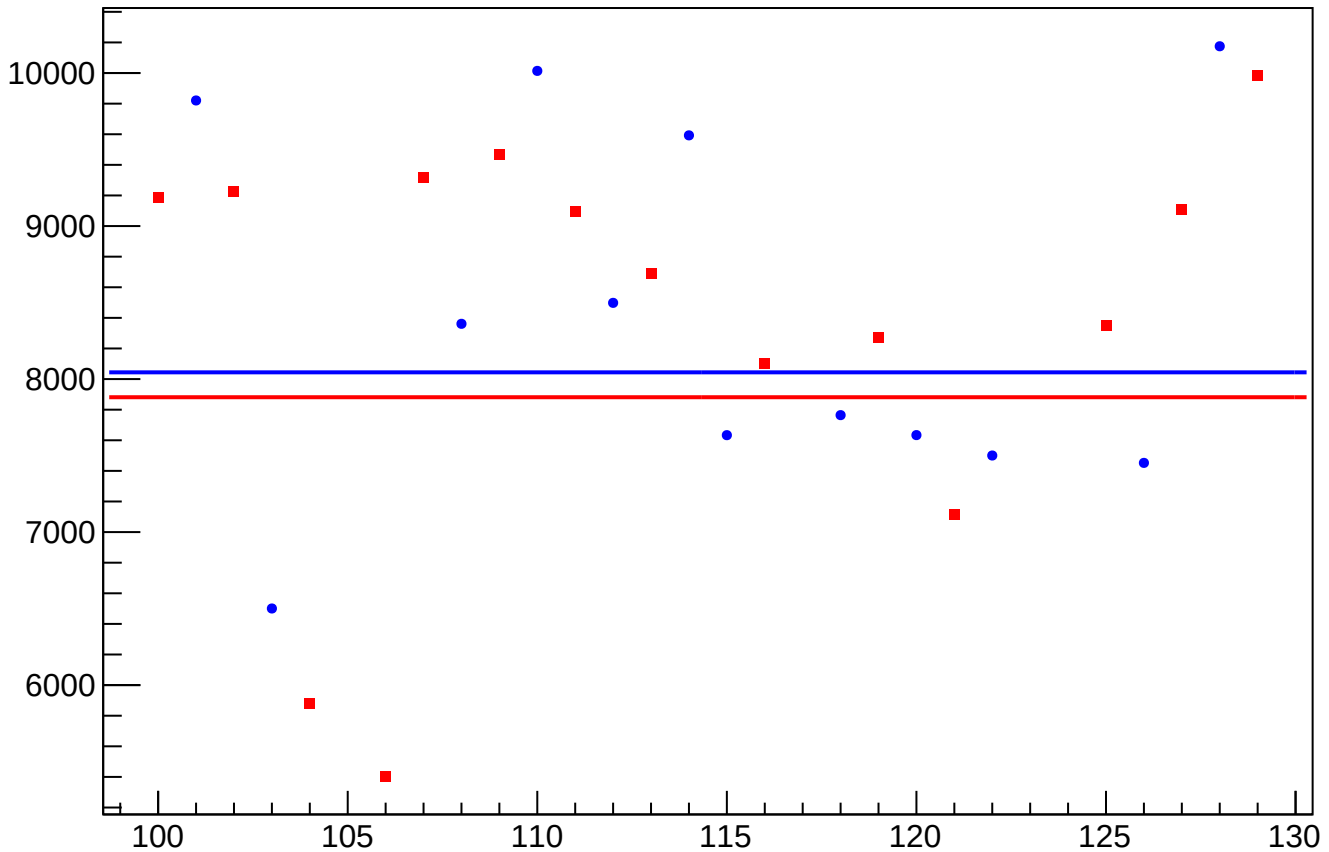
Right: -1681.112+/-2477.095 χ^2/NDF : 24.4/25

In: -1468.804+/-3648.507 χ^2/NDF : 11.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1681.112+/-2477.095 χ^2/NDF : 24.4/25

asym_us_avg_at2lr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 8043.998+/-2.580 χ^2/NDF : 205422.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

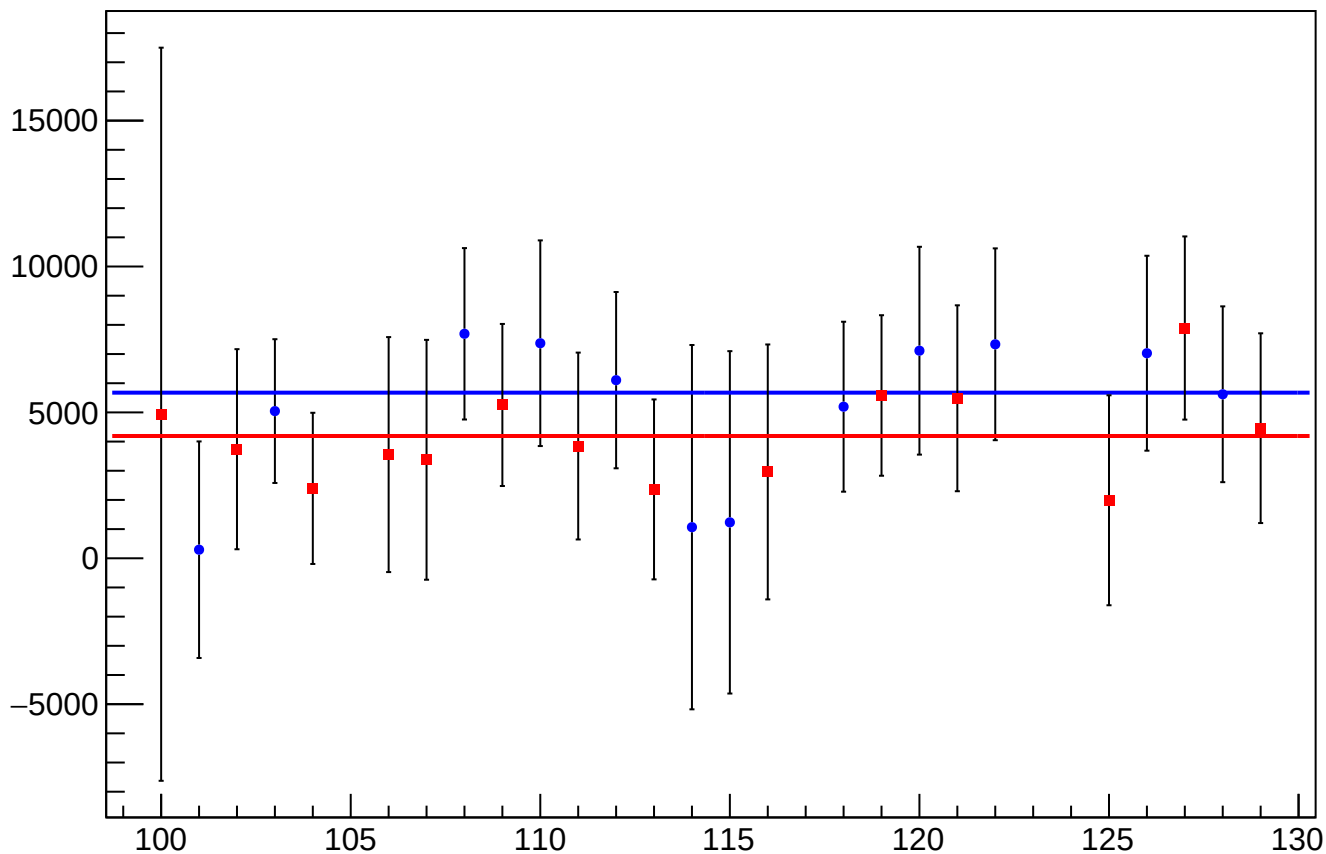
Right: 7956.331+/-1.752 χ^2/NDF : 598697.8/25

In: 8043.998+/-2.580 χ^2/NDF : 205422.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7956.331+/-1.752 χ^2/NDF : 598697.8/25

eigen_cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5676.536 $\pm$ 959.091 χ^2 /NDF: 4.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 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

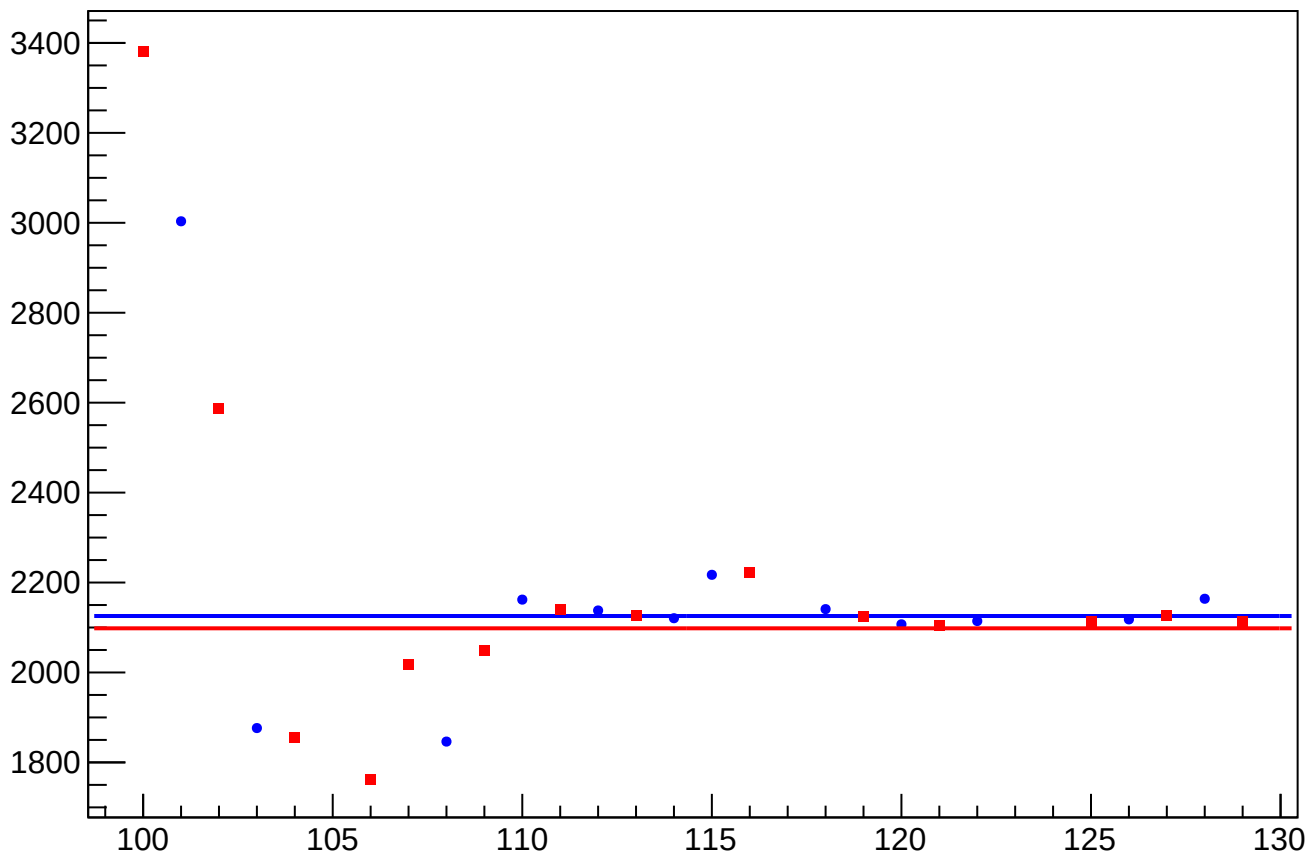
Right: 4882.130 $\pm$ 654.129 χ^2 /NDF: 9.3/25

In: 5676.536 $\pm$ 959.091 χ^2 /NDF: 4.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4882.130 $\pm$ 654.129 χ^2 /NDF: 9.3/25

eigen_cor_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2125.573+/-0.678 χ^2/NDF : 151653.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

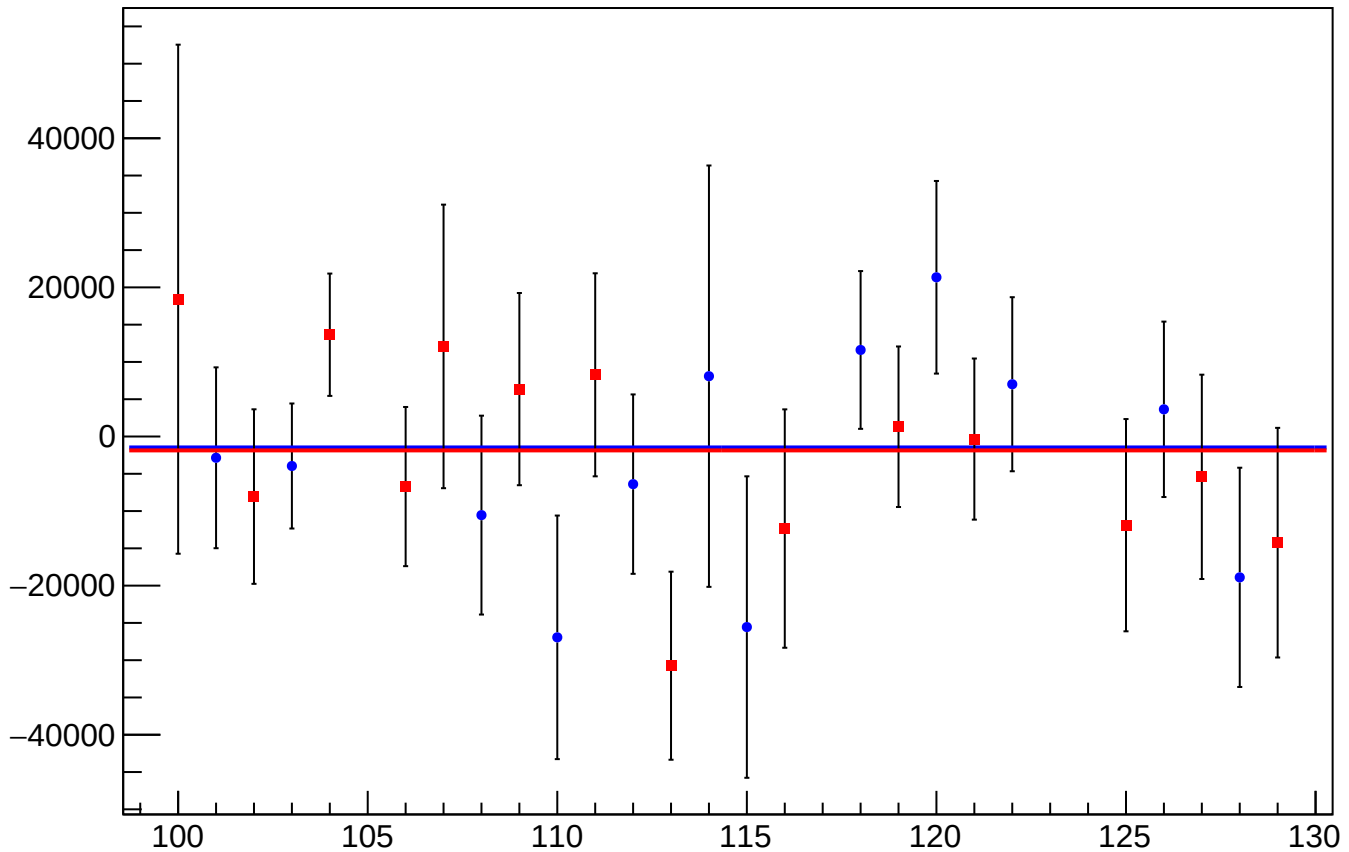
Right: 2110.847+/-0.461 χ^2/NDF : 252875.1/25

In: 2125.573+/-0.678 χ^2/NDF : 151653.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2110.847+/-0.461 χ^2/NDF : 252875.1/25

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1468.804+/-3648.507 χ^2/NDF : 11.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

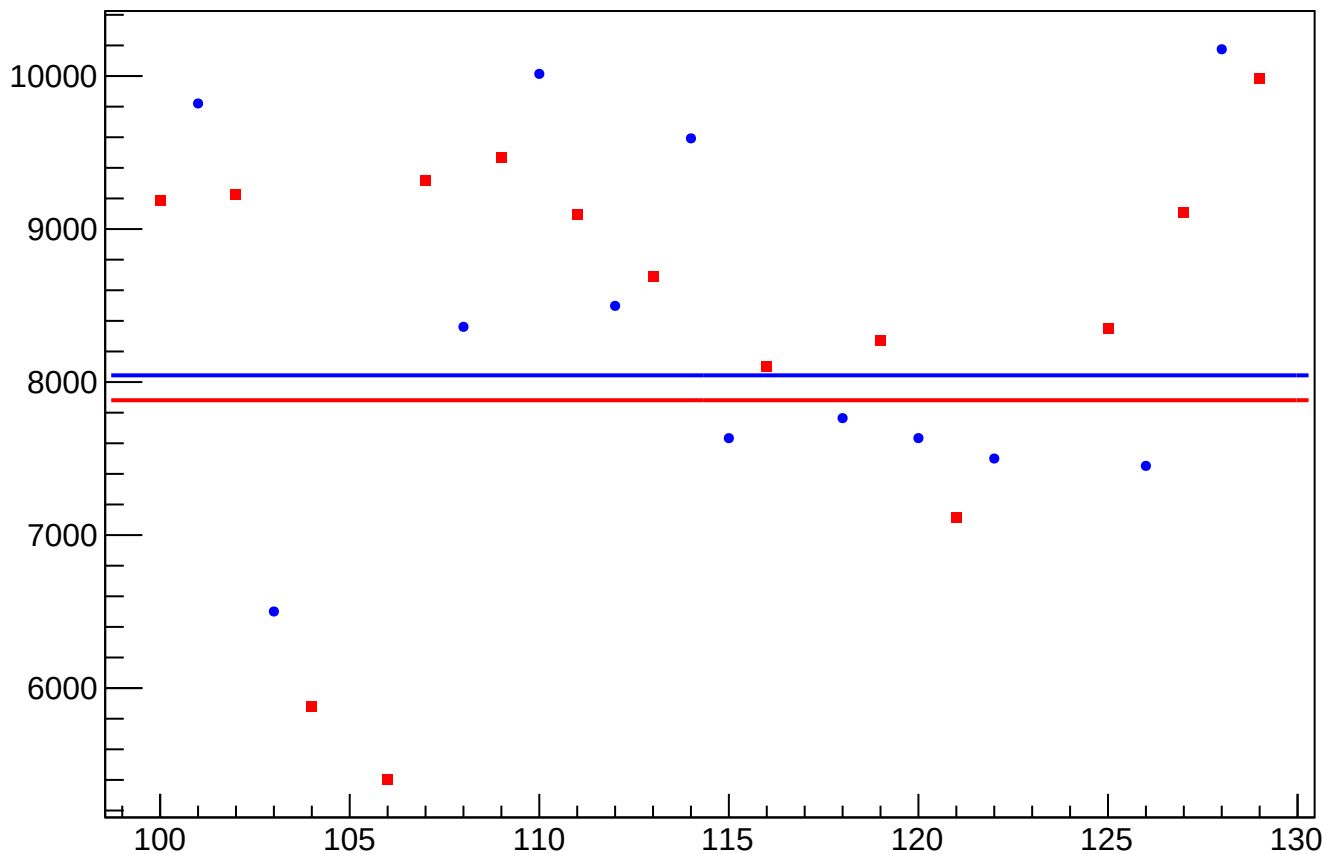
Right: -1681.112+/-2477.095 χ^2/NDF : 24.4/25

In: -1468.804+/-3648.507 χ^2/NDF : 11.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1681.112+/-2477.095 χ^2/NDF : 24.4/25

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 8043.998+/-2.580 χ^2/NDF : 205422.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

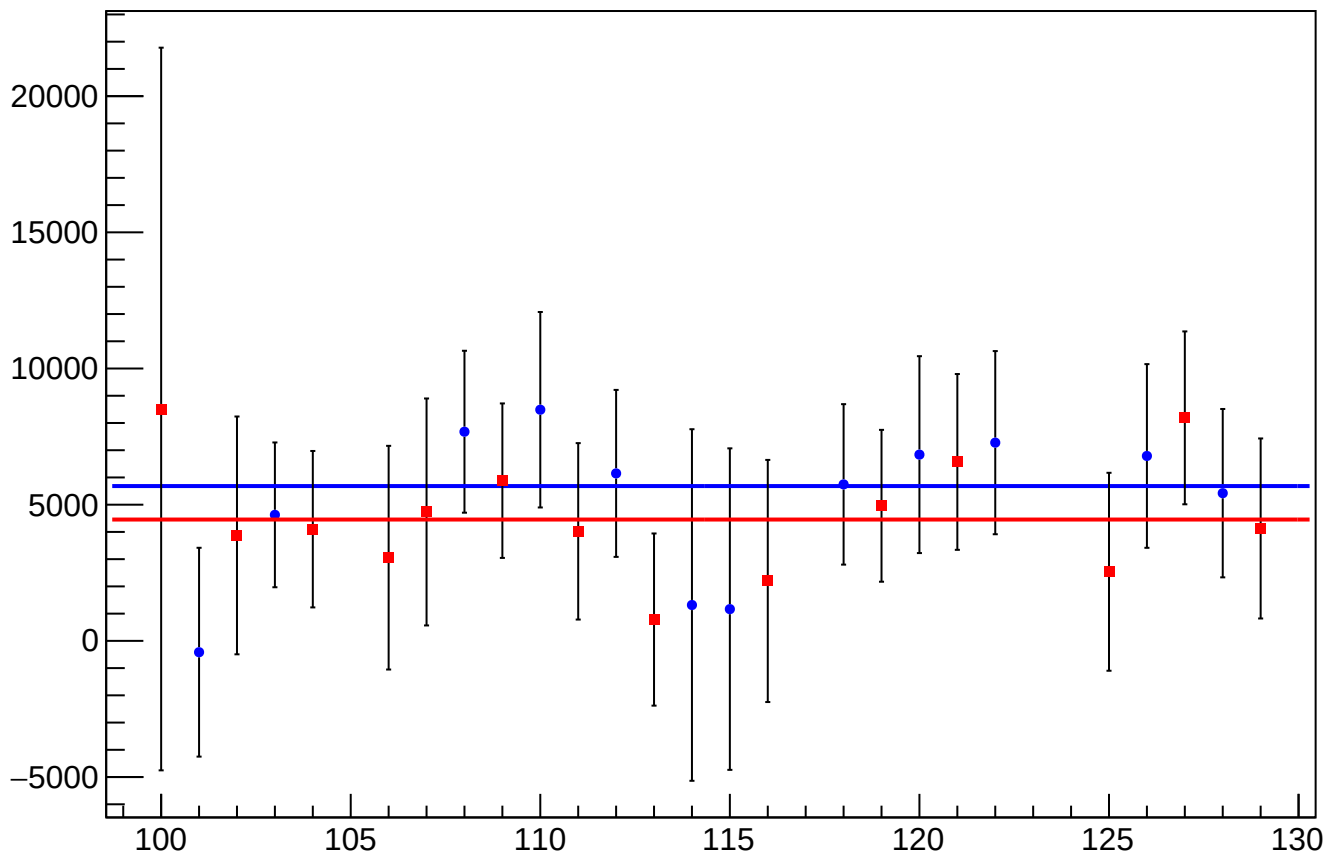
Right: 7956.331+/-1.752 χ^2/NDF : 598697.8/25

In: 8043.998+/-2.580 χ^2/NDF : 205422.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7956.331+/-1.752 χ^2/NDF : 598697.8/25

dit_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5683.894+/-984.220 χ^2/NDF : 5.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

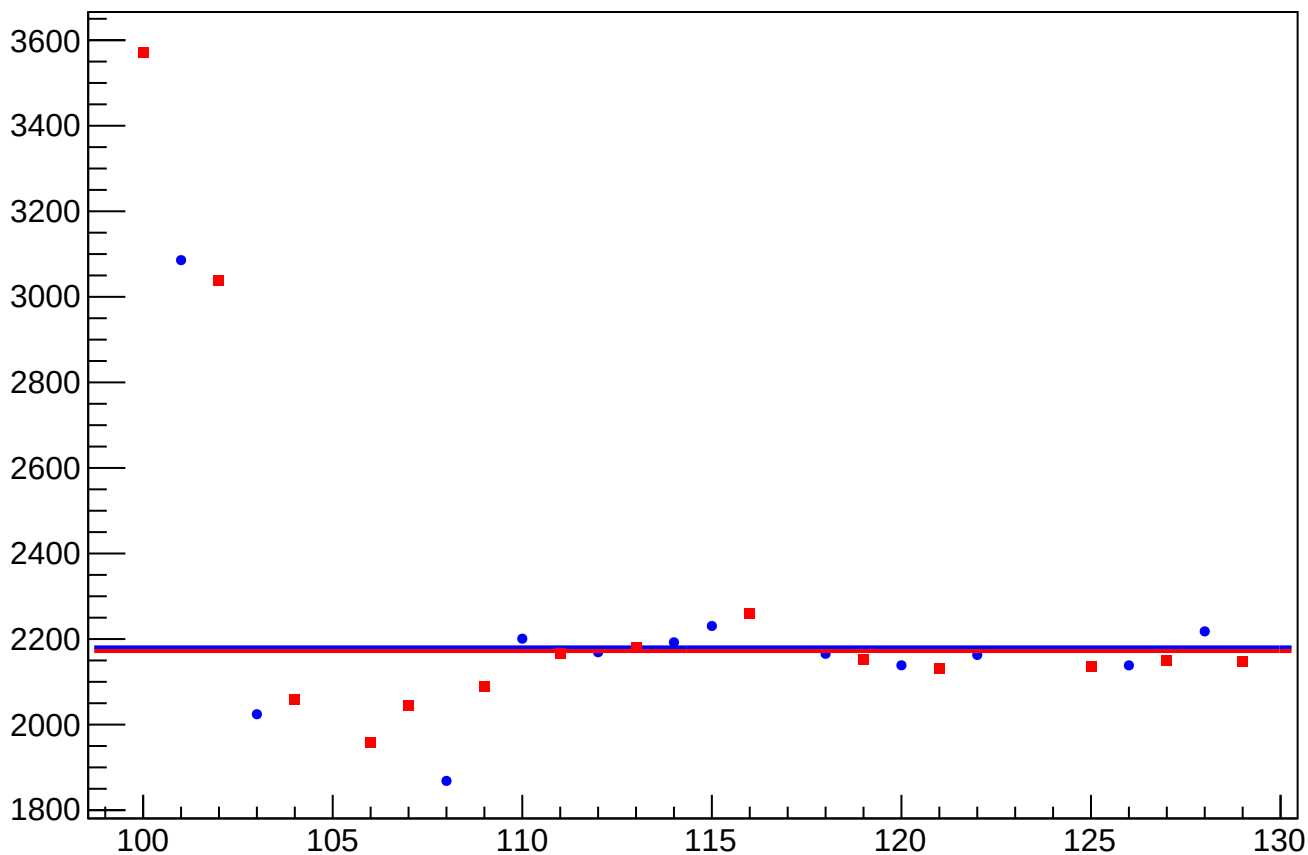
Right: 5034.175+/-675.710 χ^2/NDF : 10.3/25

In: 5683.894+/-984.220 χ^2/NDF : 5.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5034.175+/-675.710 χ^2/NDF : 10.3/25

dit_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2180.495+/-0.696 χ^2/NDF : 141702.6/11

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

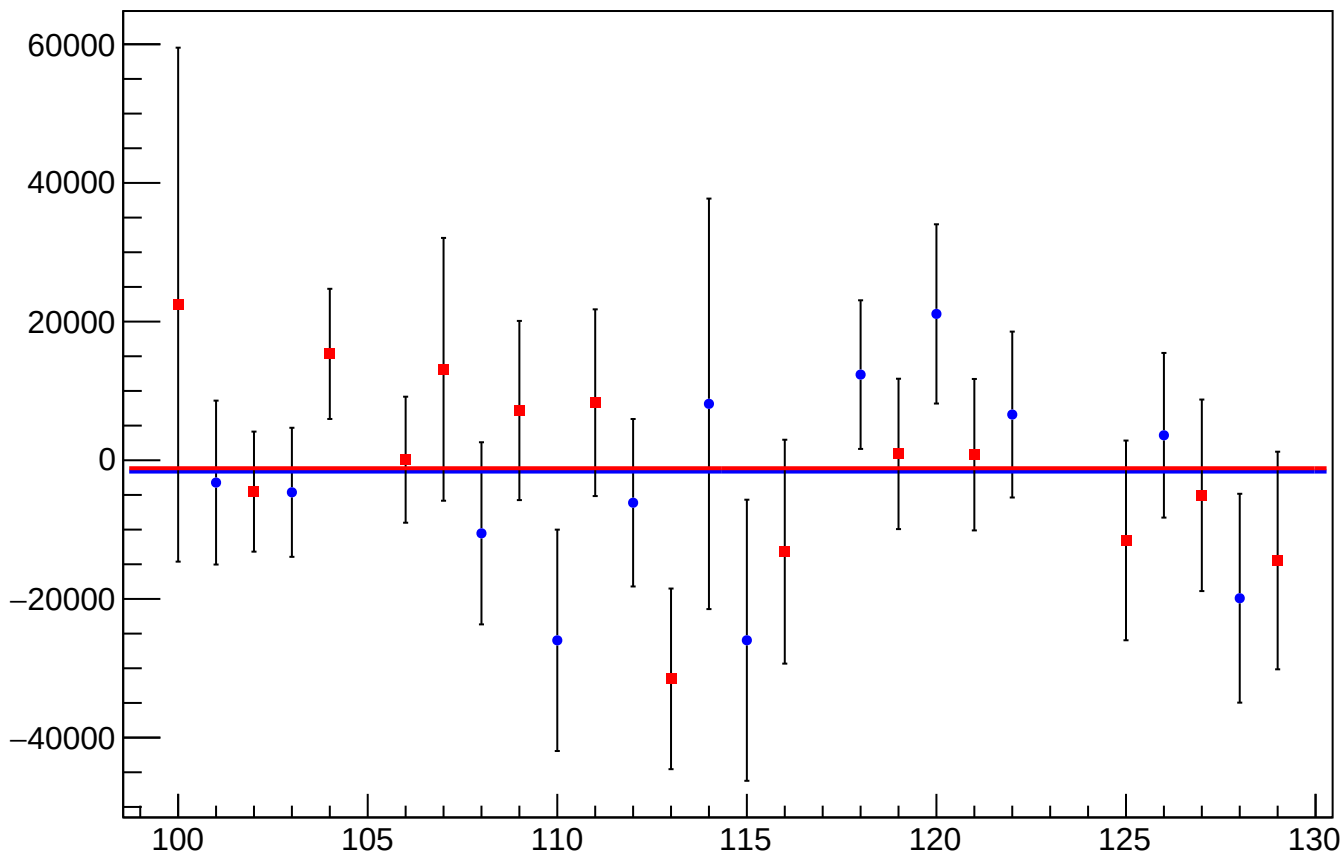
Right: 2176.011+/-0.478 χ^2/NDF : 256832.5/25

In: 2180.495+/-0.696 χ^2/NDF :141702.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2176.011+/-0.478 χ^2/NDF : 256832.5/25

asym_us_avg_at2lr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1631.026+/-3725.961 χ^2/NDF : 11.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

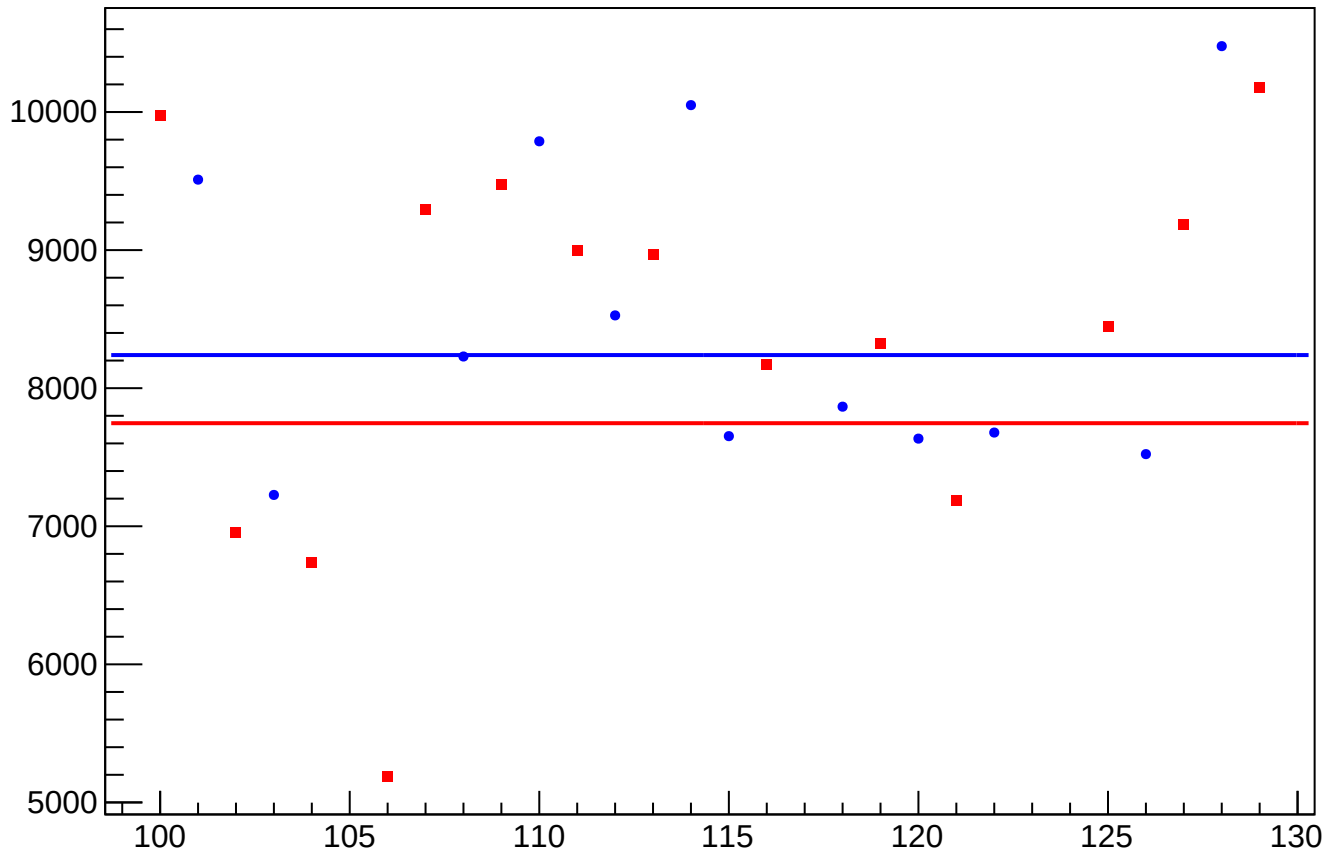
Right: -1360.598+/-2464.903 χ^2/NDF : 24.1/25

In: -1631.026+/-3725.961 χ^2/NDF : 11.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1360.598+/-2464.903 χ^2/NDF : 24.1/25

asym_us_avg_at2lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 8239.820+/-2.635 χ^2/NDF : 138538.7/11

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

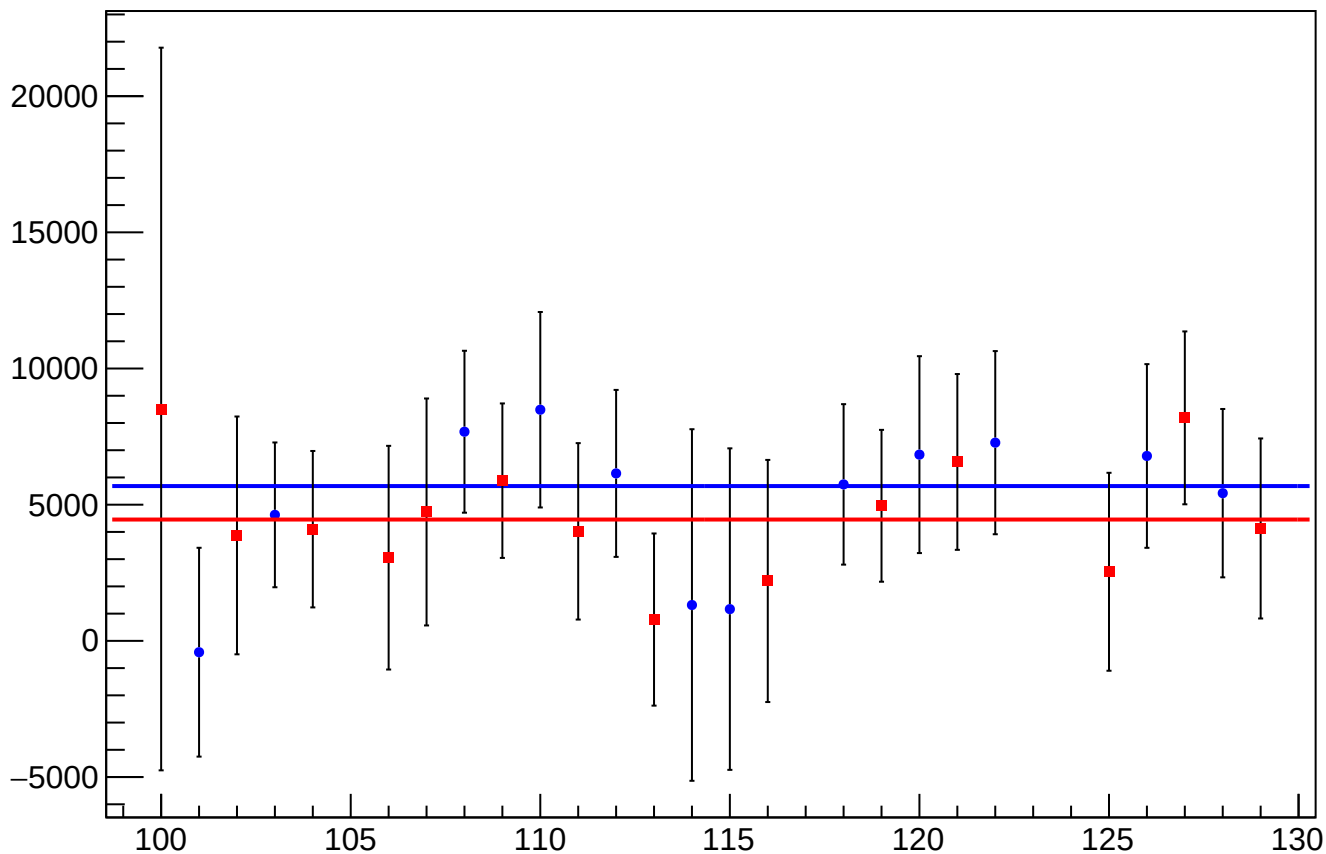
Right: 7962.359+/-1.743 χ^2/NDF : 534927.0/25

In: 8239.820+/-2.635 χ^2/NDF : 138538.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7962.359+/-1.743 χ^2/NDF : 534927.0/25

eigen_dit_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5683.904+/-984.220 χ^2/NDF : 5.3/11

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

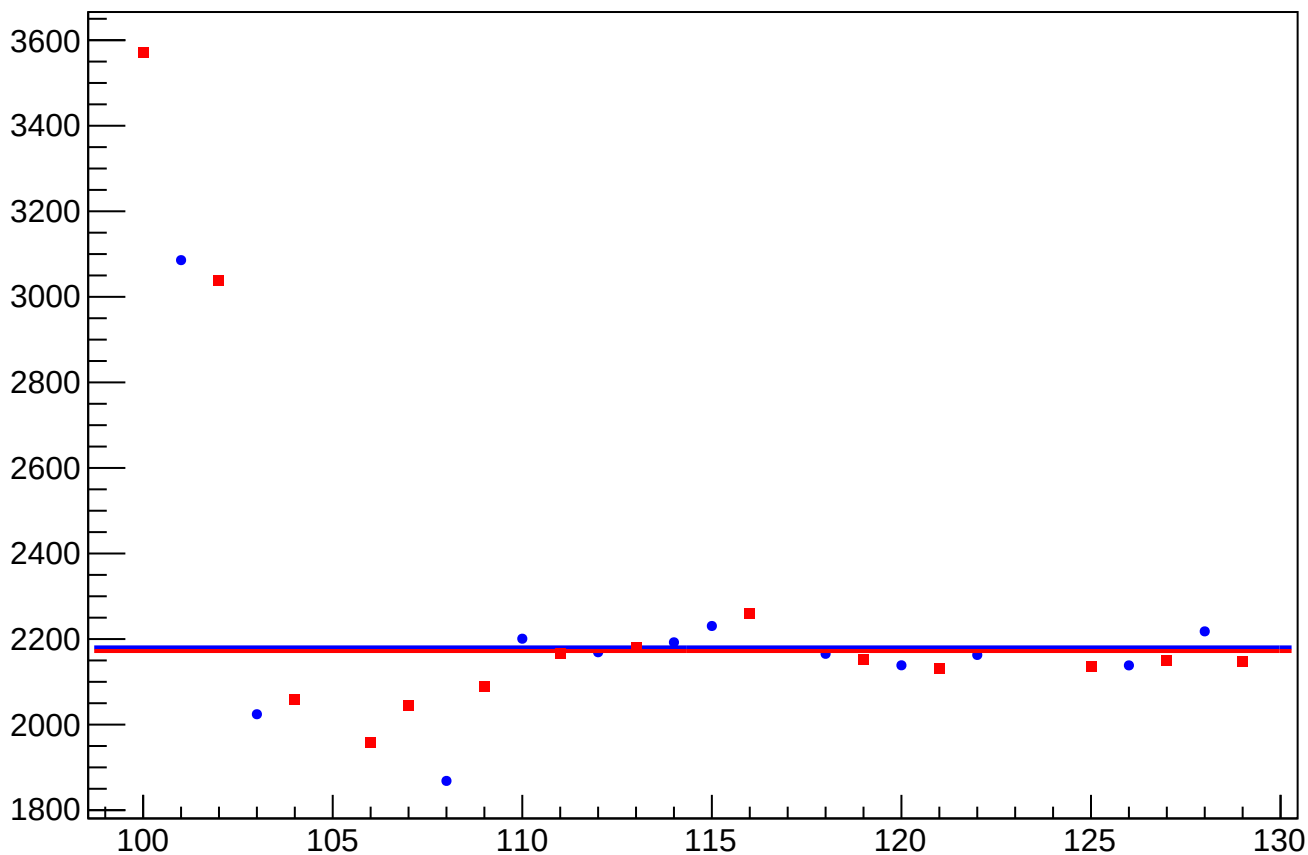
Right: 5034.183+/-675.710 χ^2/NDF : 10.3/25

In: 5683.904+/-984.220 χ^2/NDF : 5.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5034.183+/-675.710 χ^2/NDF : 10.3/25

eigen_dit_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2180.495+/-0.696 χ^2/NDF : 141702.5/11

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

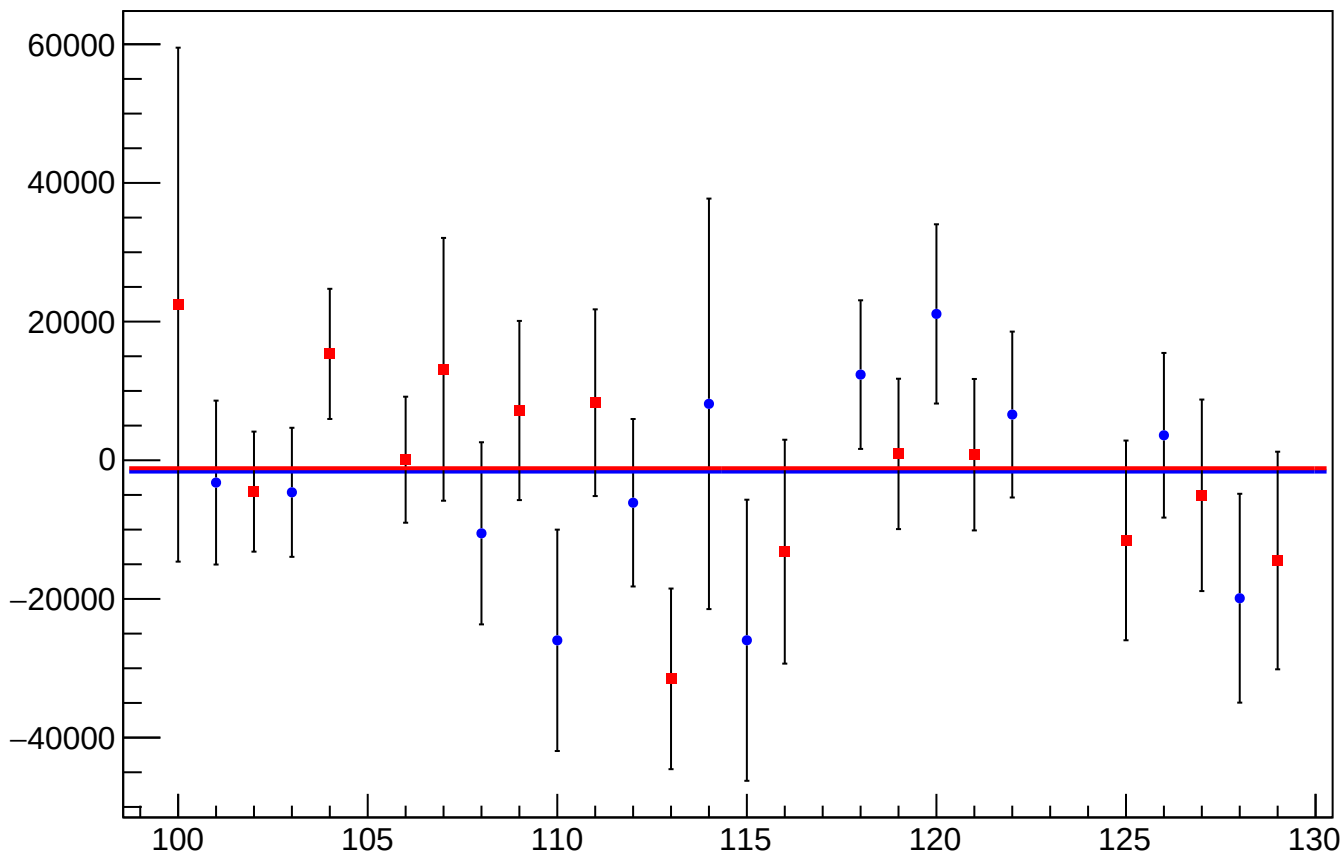
Right: 2176.010+/-0.478 χ^2/NDF : 256832.4/25

In: 2180.495+/-0.696 χ^2/NDF : 141702.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2176.010+/-0.478 χ^2/NDF : 256832.4/25

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1631.010+/-3725.950 χ^2/NDF : 11.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

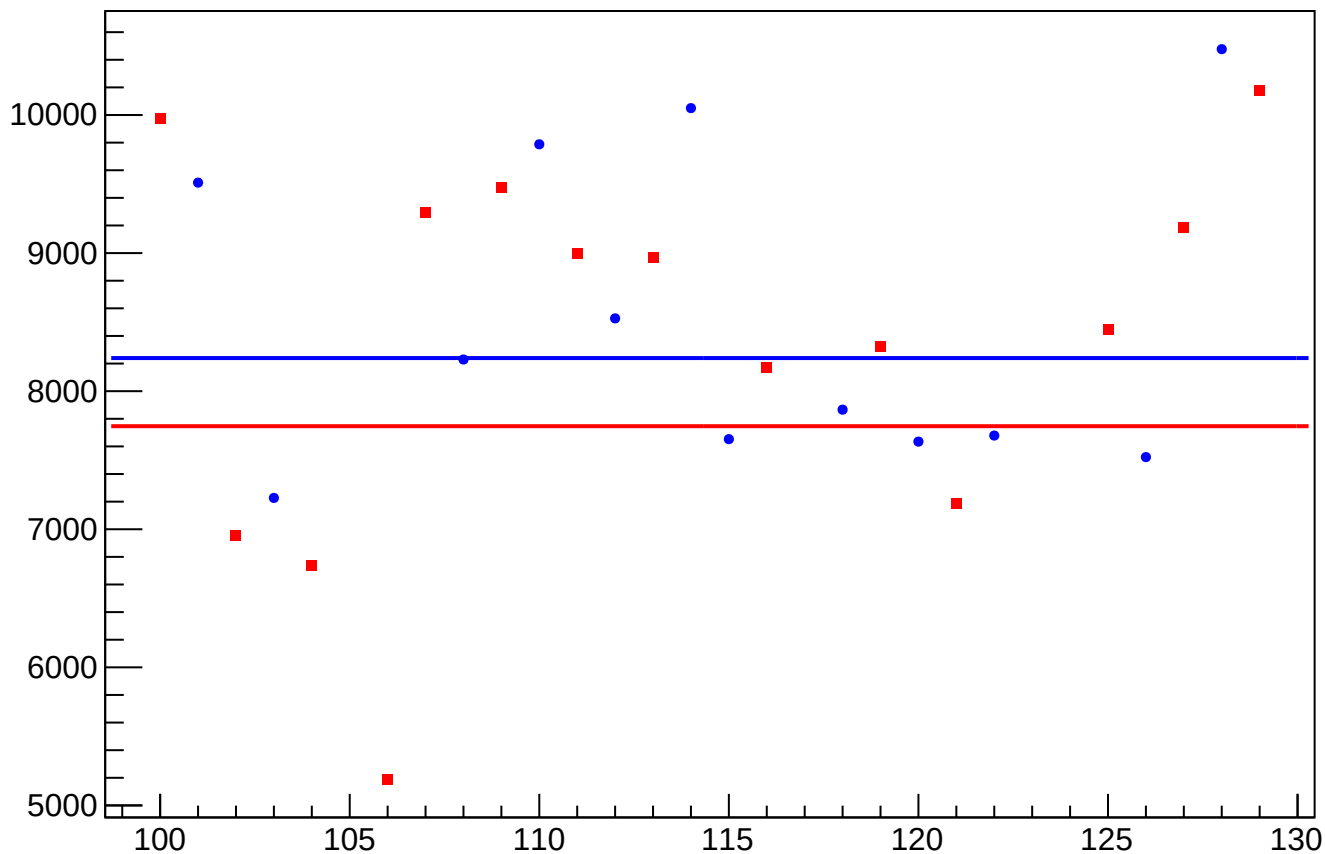
Right: -1360.586+/-2464.897 χ^2/NDF : 24.1/25

In: -1631.010+/-3725.950 χ^2/NDF : 11.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1360.586+/-2464.897 χ^2/NDF : 24.1/25

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 8239.795+/-2.635 χ^2/NDF : 138538.7/11

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

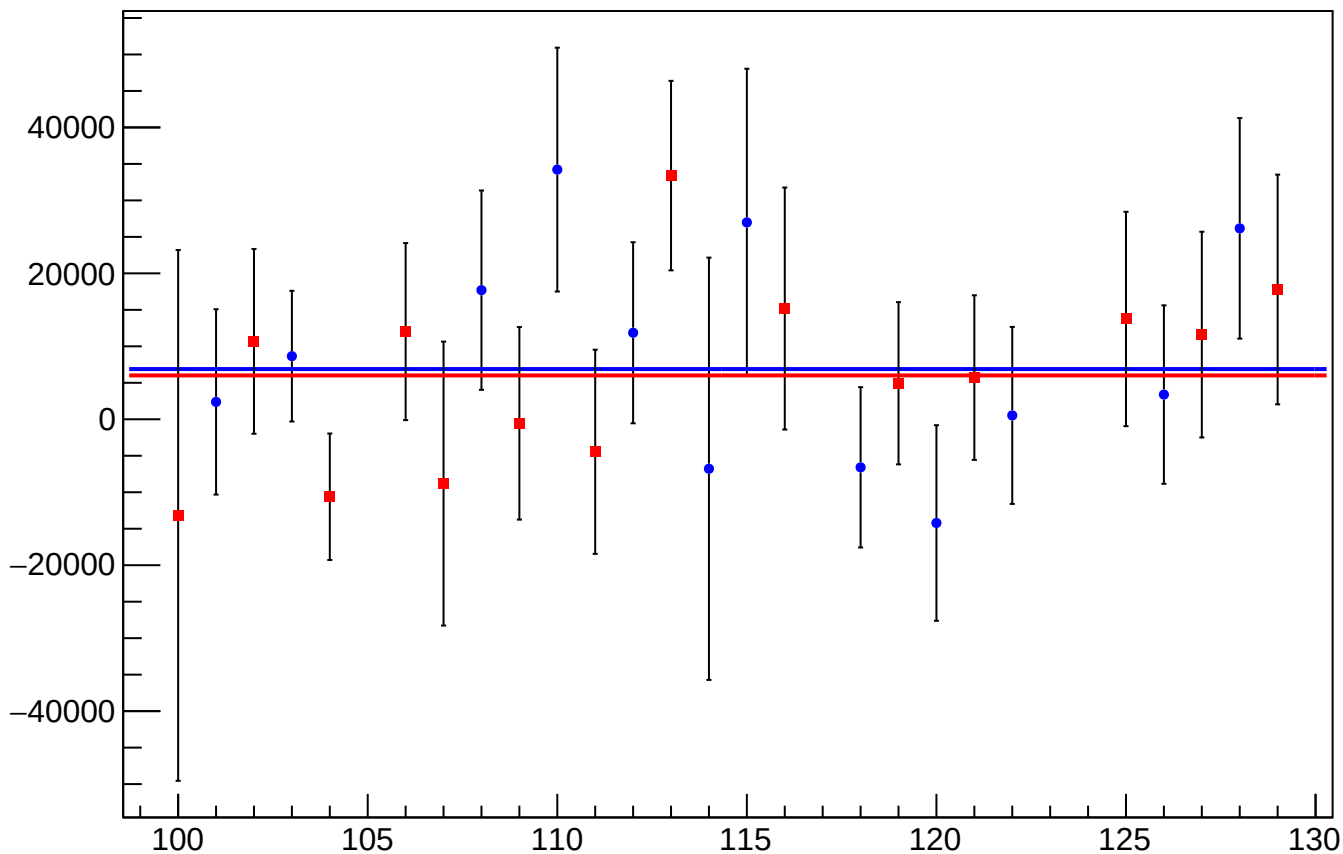
Right: 7962.338+/-1.743 χ^2/NDF : 534923.8/25

In: 8239.795+/-2.635 χ^2/NDF : 138538.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7962.338+/-1.743 χ^2/NDF : 534923.8/25

asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 6884.326+/-3799.936 χ^2/NDF : 10.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

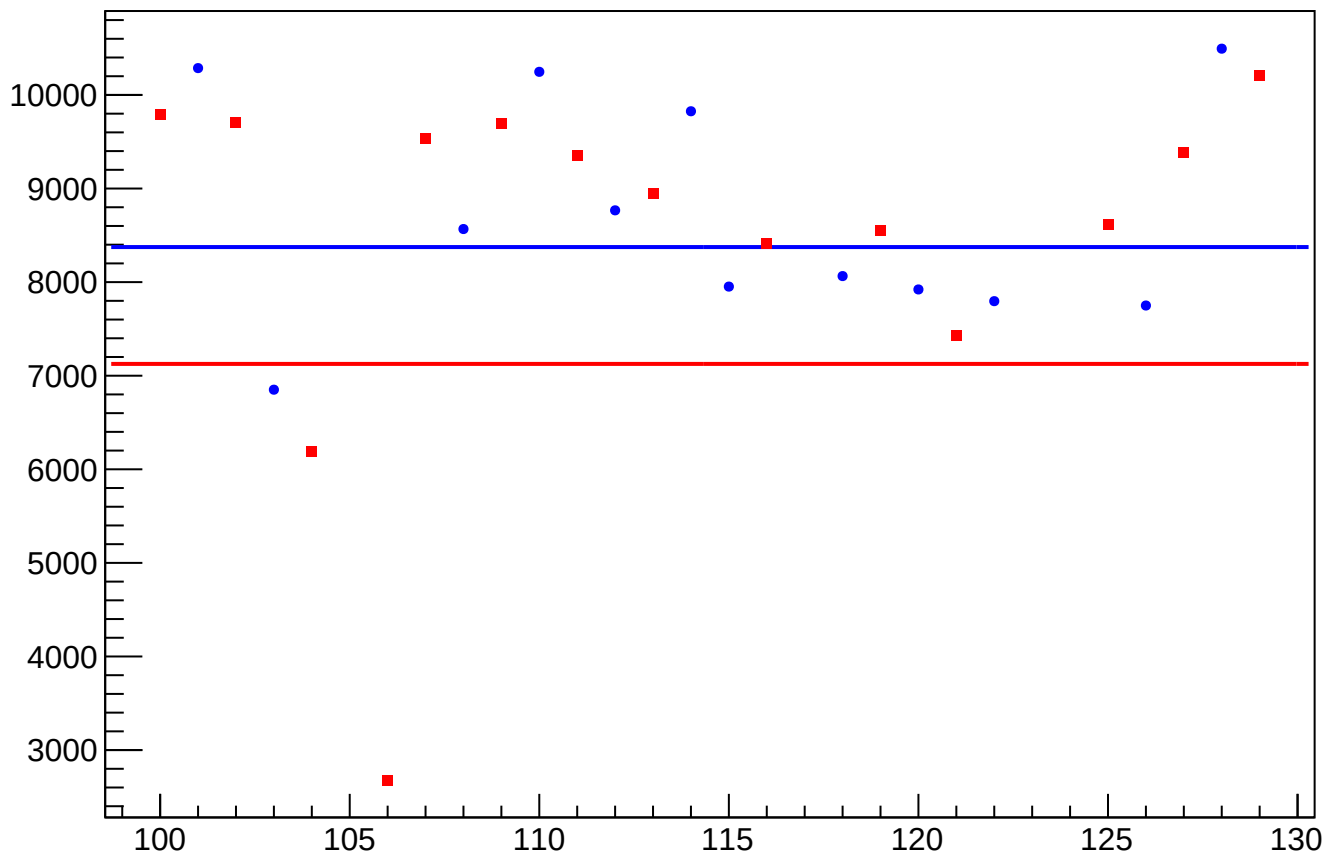
Right: 6417.216+/-2590.127 χ^2/NDF : 22.2/25

In: 6884.326+/-3799.936 χ^2/NDF : 10.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6417.216+/-2590.127 χ^2/NDF : 22.2/25

asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 8374.639+/-2.687 χ^2/NDF : 189542.6/11

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

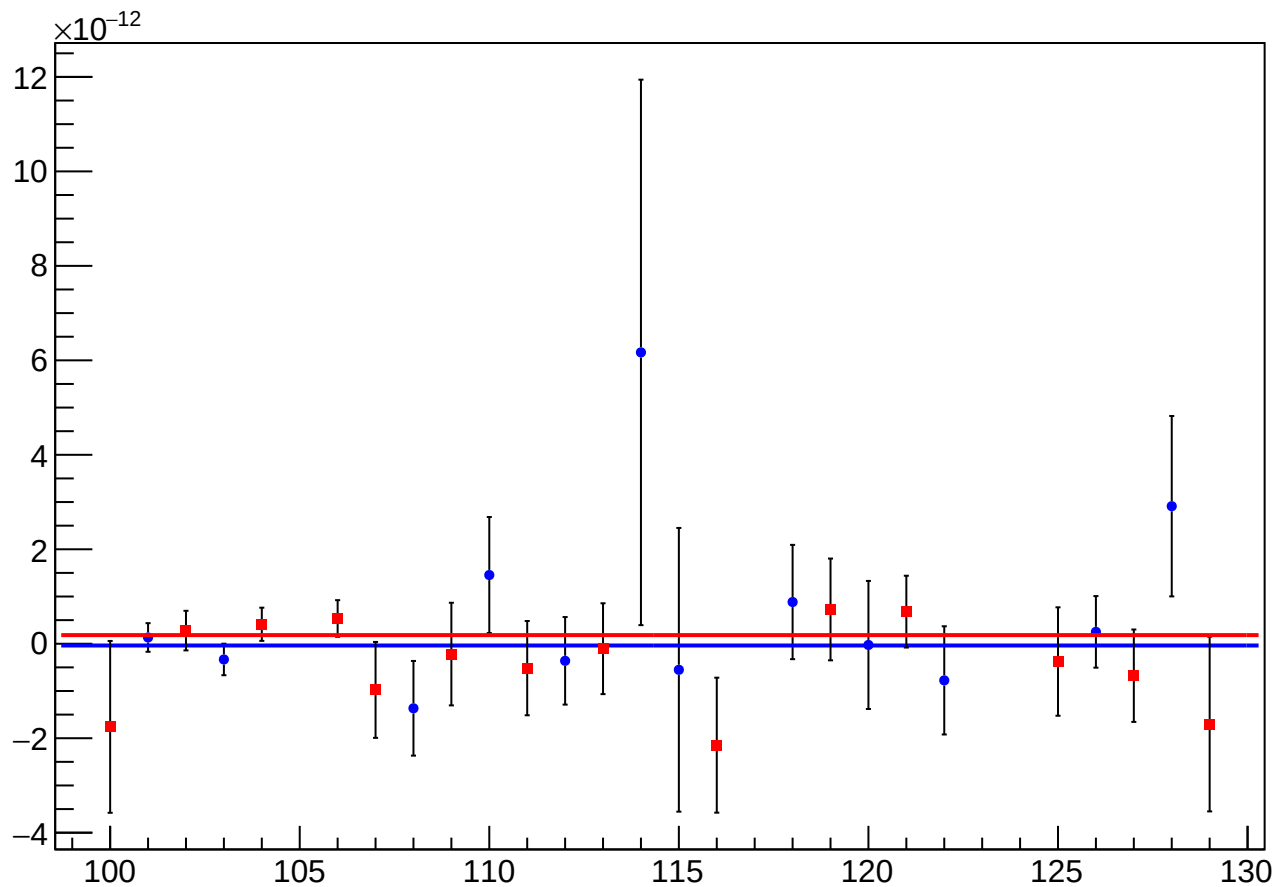
Right: 7652.259+/-1.744 χ^2/NDF : 1697279.6/25

In: 8374.639+/-2.687 χ^2/NDF : 189542.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7652.259+/-1.744 χ^2/NDF : 1697279.6/25

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.2/11

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

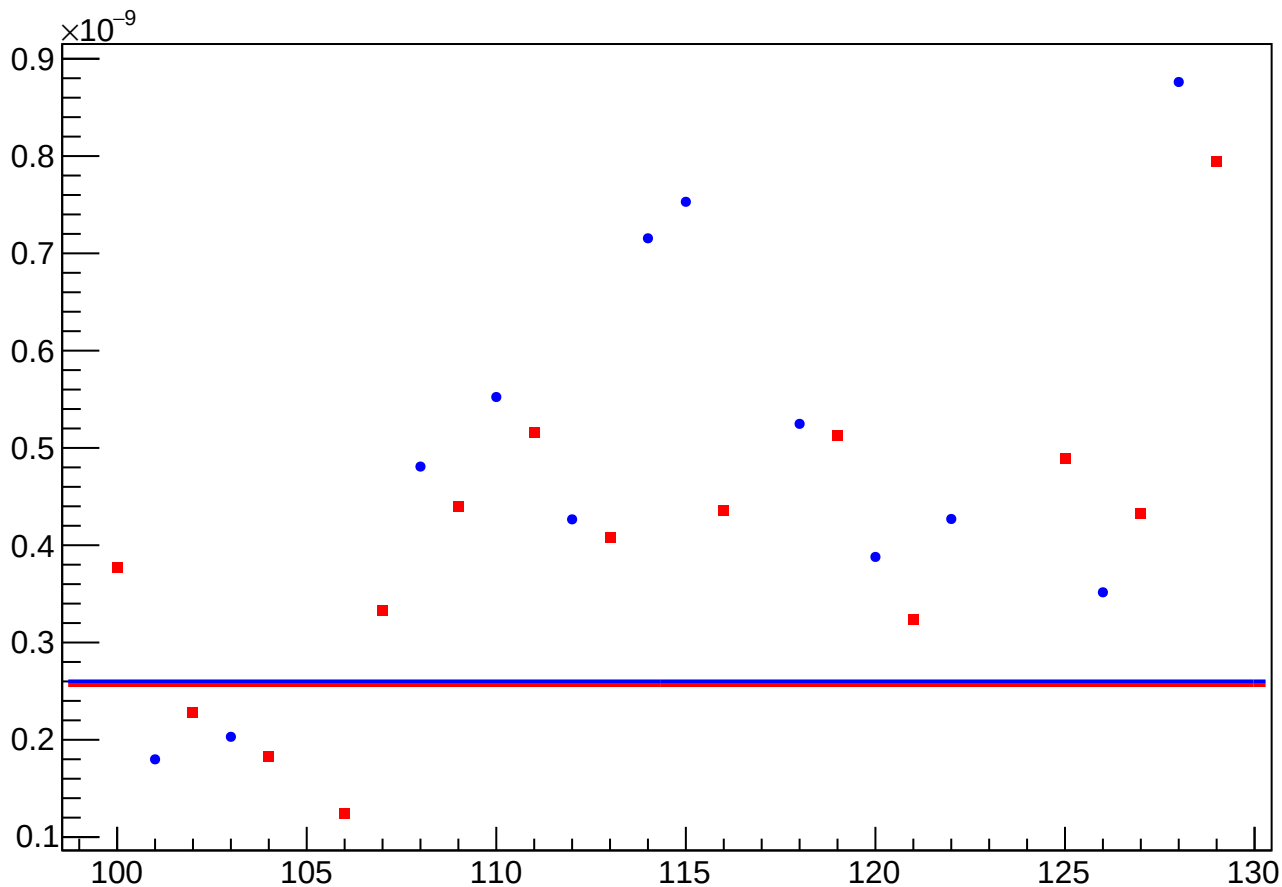
Right: 0.000+/-0.000 χ^2/NDF : 19.7/25

In: -0.000+/-0.000 χ^2/NDF : 9.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.7/25

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 932850.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

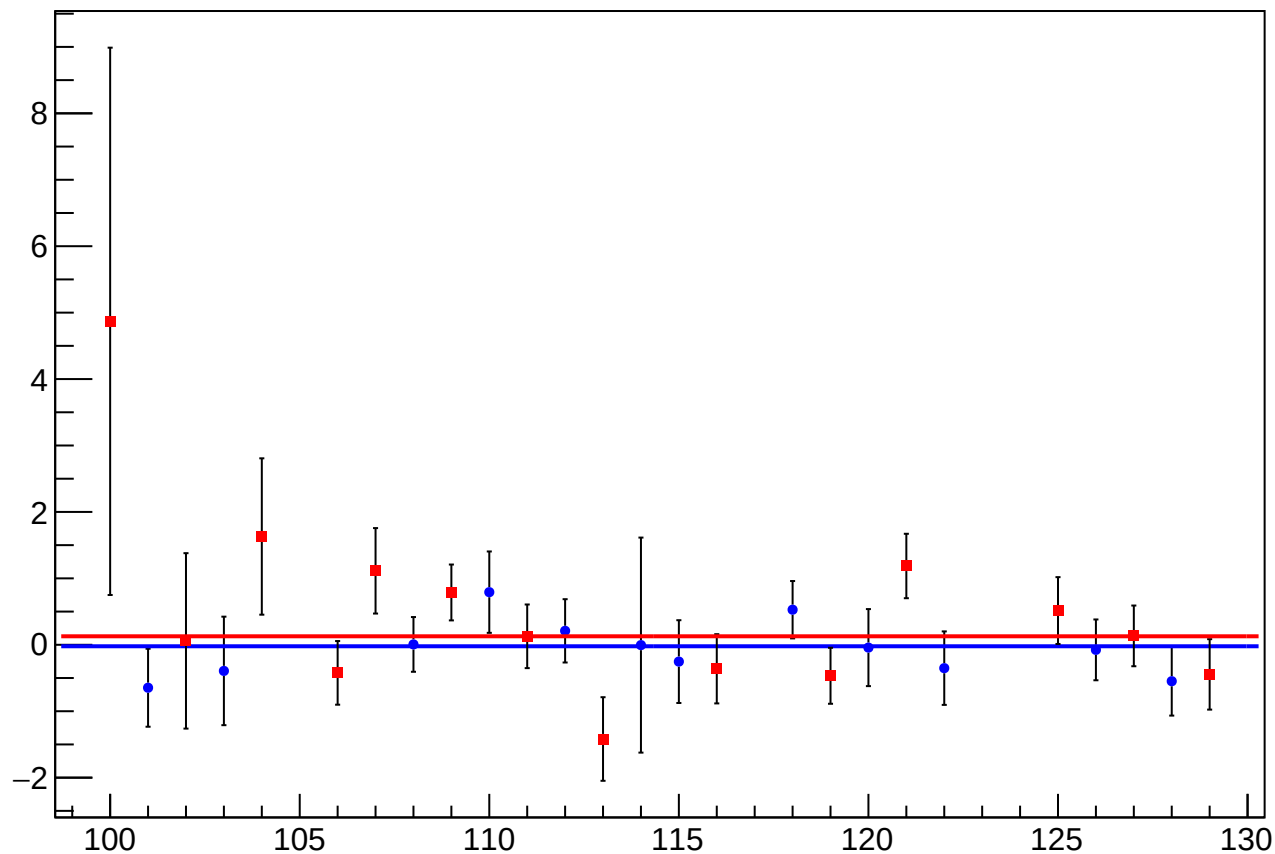
Right: 0.000+/-0.000 χ^2/NDF : 2000338.7/25

In: 0.000+/-0.000 χ^2/NDF : 932850.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2000338.7/25

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022 ± 0.157 χ^2/NDF : 6.5/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.128 ± 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

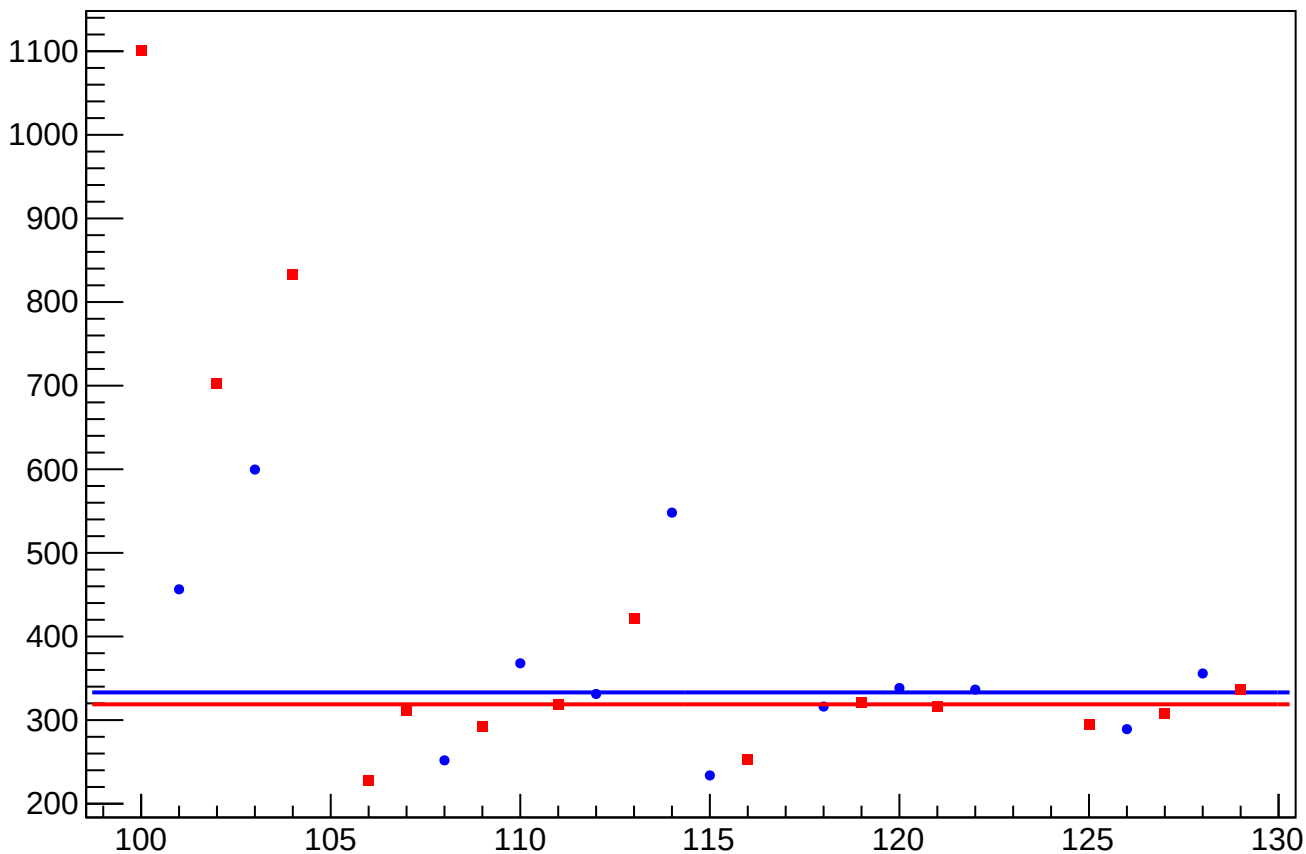
Right: 0.058 ± 0.107 χ^2/NDF : 31.5/25

In: -0.022 ± 0.157 χ^2/NDF : 6.5/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.058 ± 0.107 χ^2/NDF : 31.5/25

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 333.108+/-0.111 χ^2/NDF : 497289.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

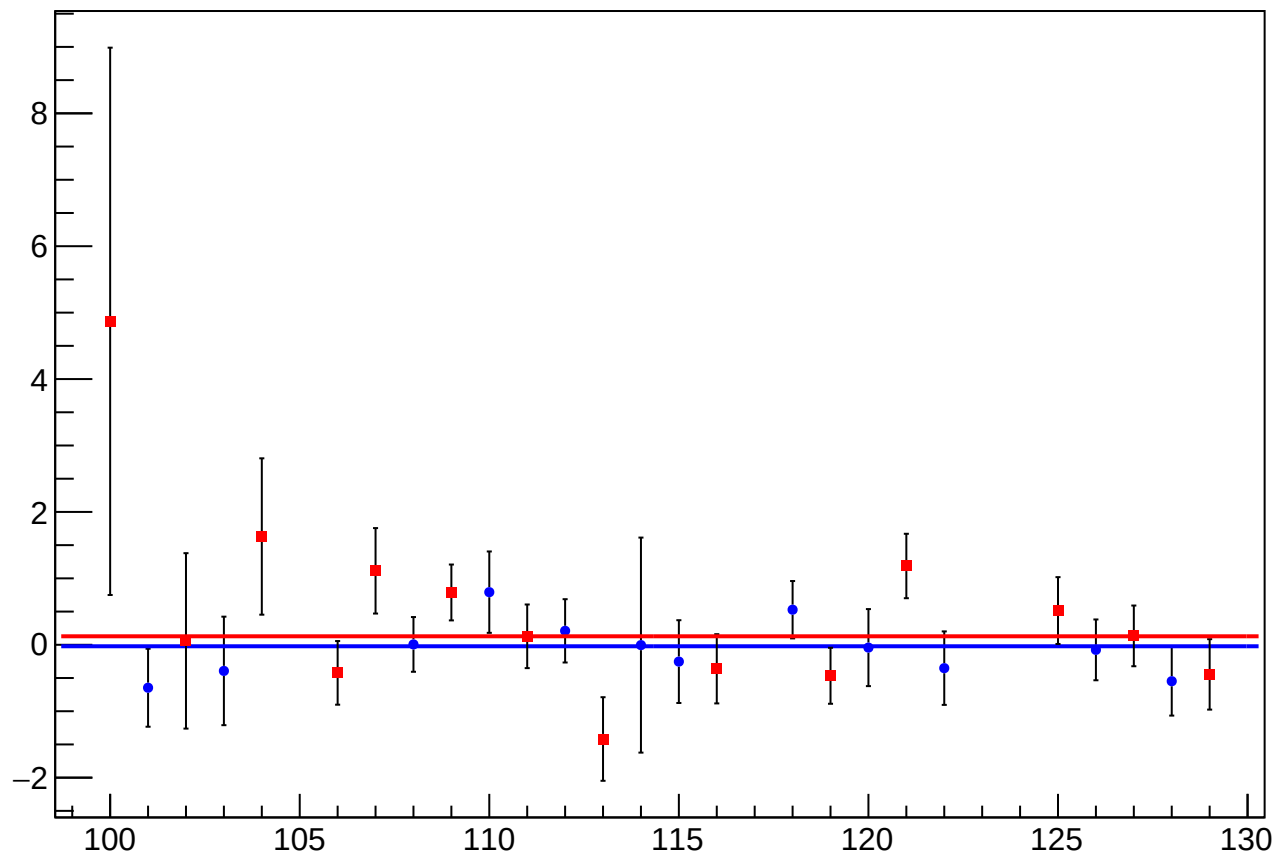
Right: 325.475+/-0.076 χ^2/NDF : 1303329.9/25

In: 333.108+/-0.111 χ^2/NDF : 497289.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 325.475+/-0.076 χ^2/NDF : 1303329.9/25

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022+/-0.157 χ^2/NDF : 6.5/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.128+/-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

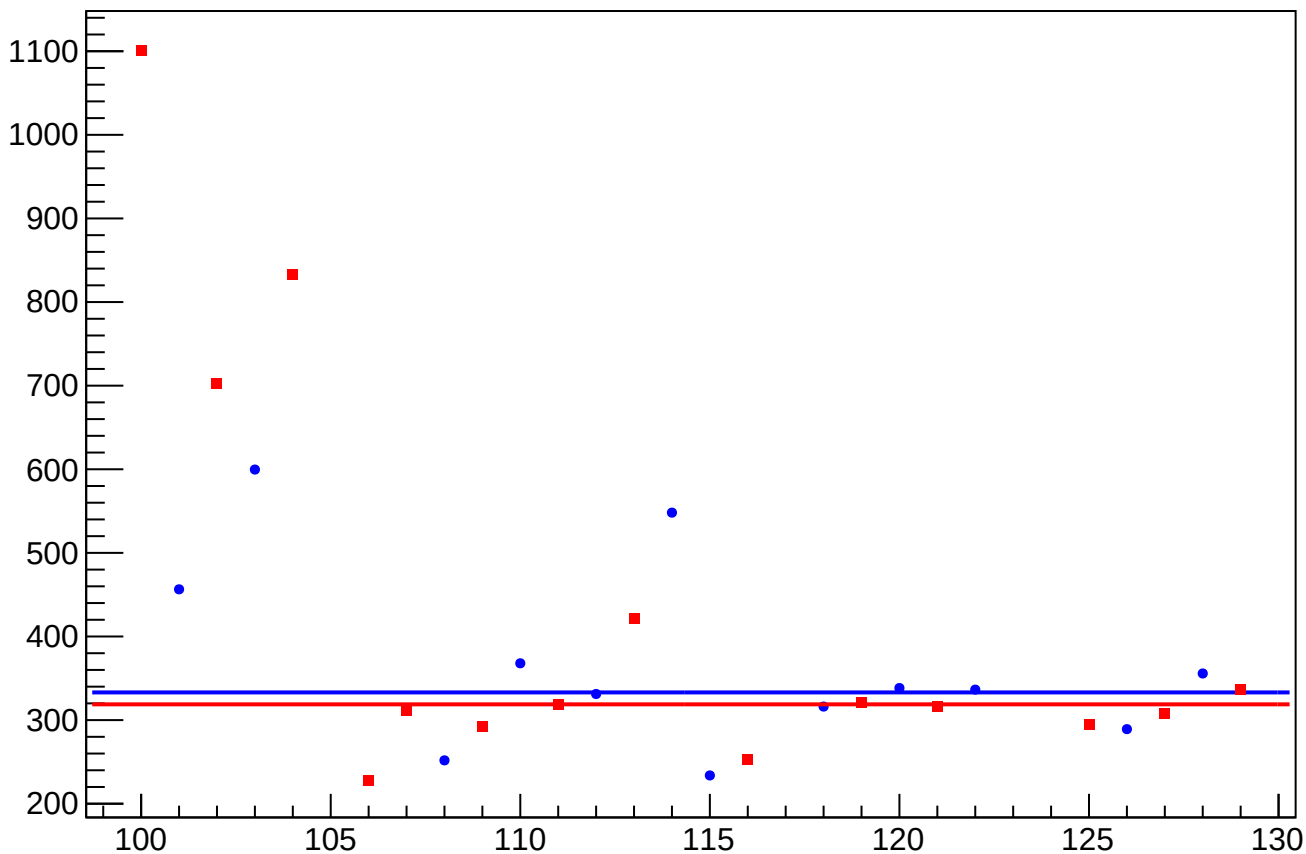
Right: 0.058+/-0.107 χ^2/NDF : 31.5/25

In: -0.022+/-0.157 χ^2/NDF :6.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.058+/-0.107 χ^2/NDF : 31.5/25

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 333.108+/-0.111 χ^2/NDF : 497289.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

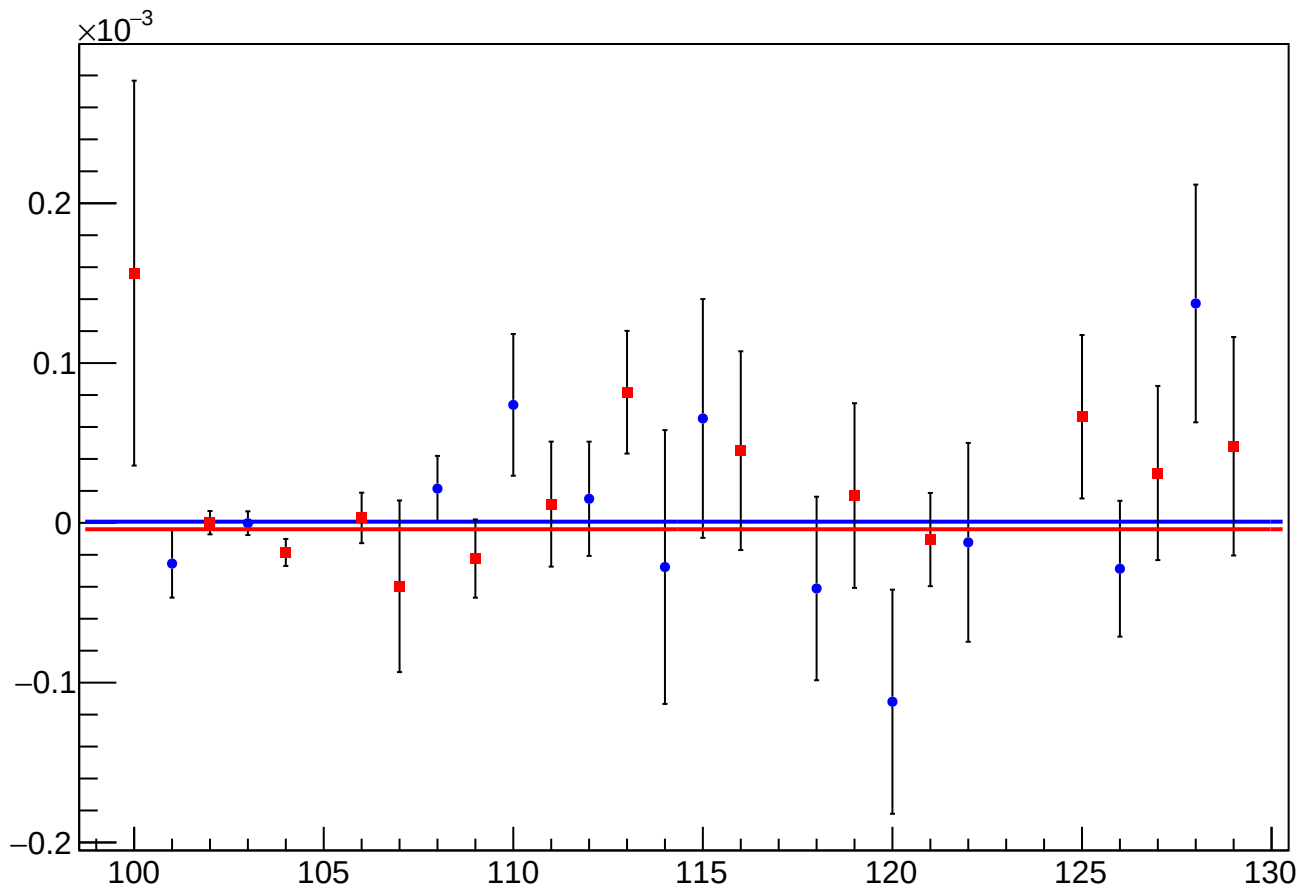
Right: 325.475+/-0.076 χ^2/NDF : 1303329.9/25

In: 333.108+/-0.111 χ^2/NDF : 497289.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 325.475+/-0.076 χ^2/NDF : 1303329.9/25

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 : 13.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

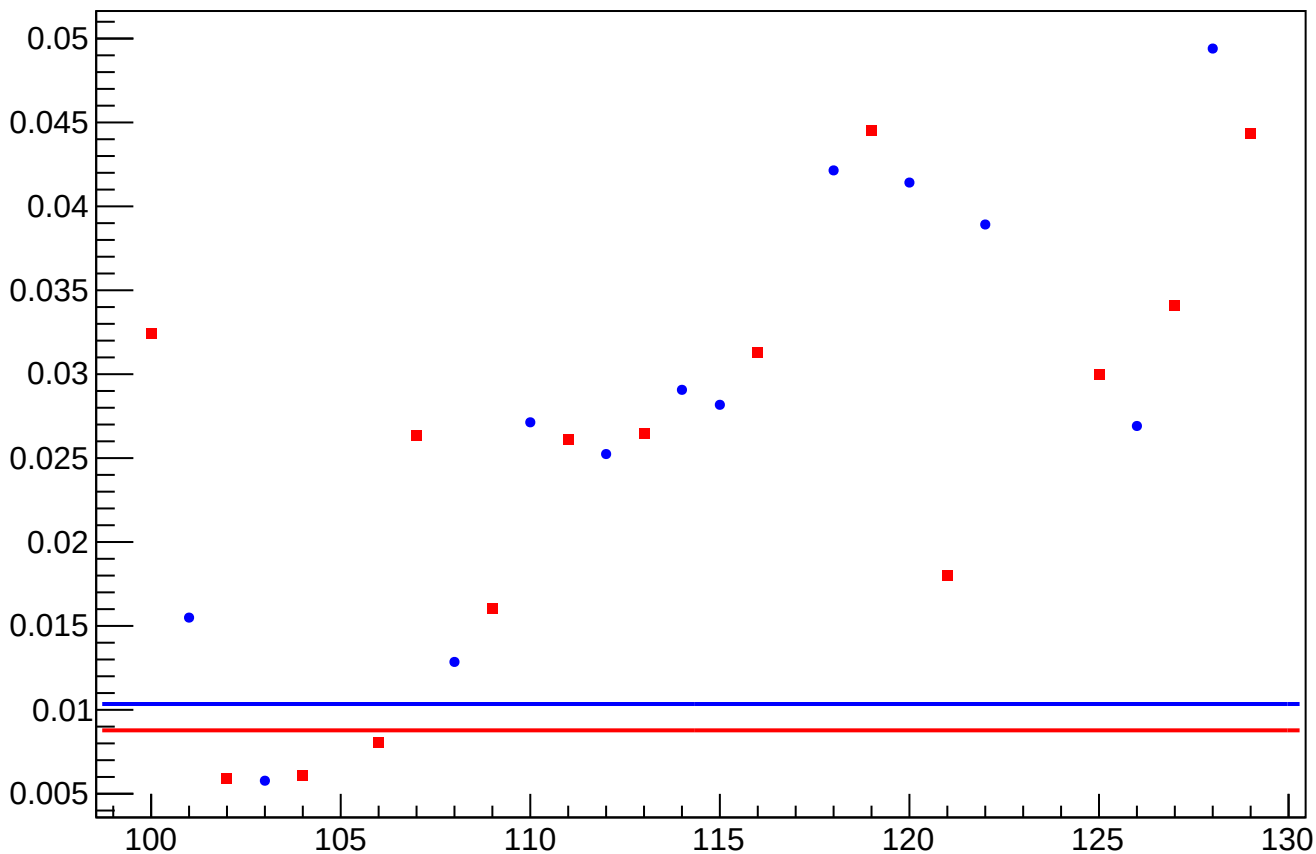
Right: -0.000+/-0.000 χ^2/NDF : 28.7/25

In: 0.000+/-0.000 χ^2/NDF : 13.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.7/25

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 4029537.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 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

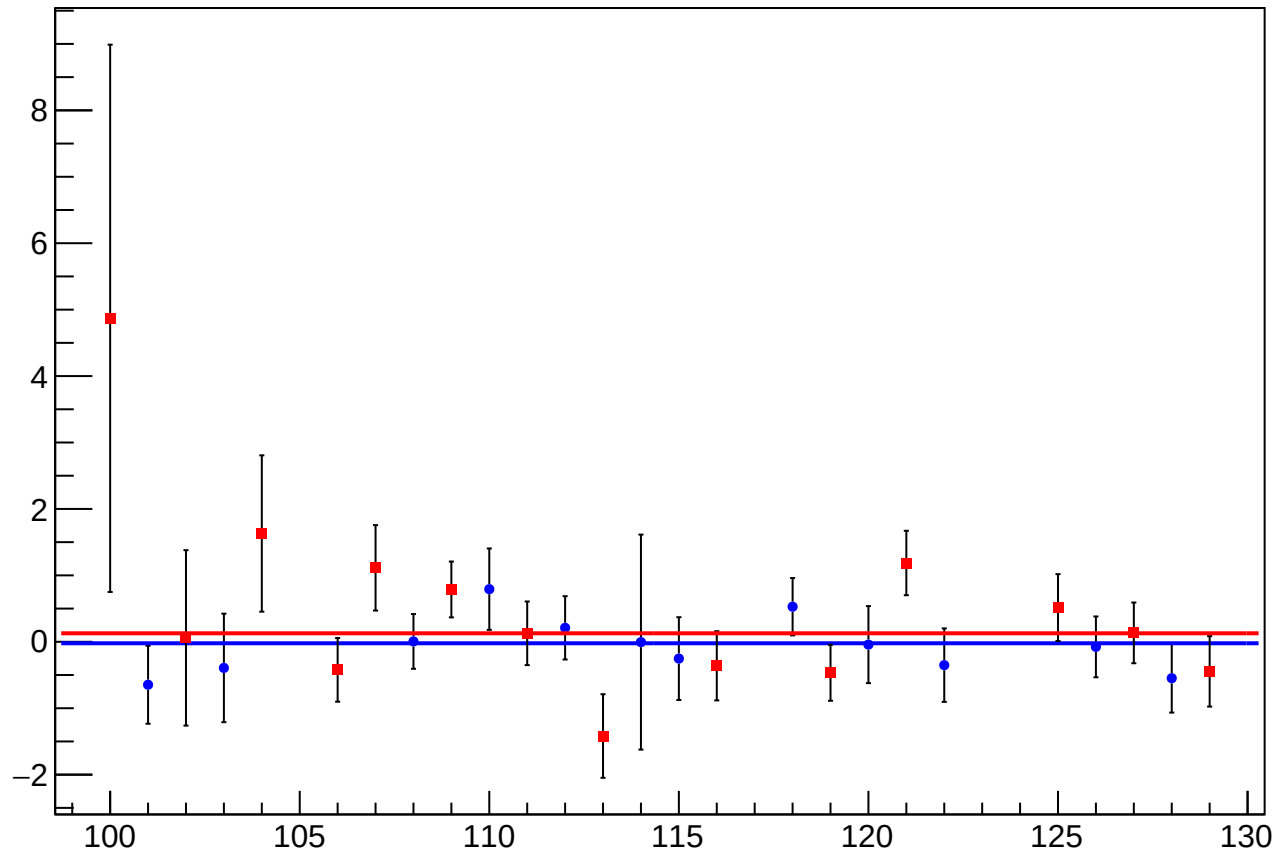
Right: 0.009+/-0.000 χ^2/NDF : 8457029.3/25

In: 0.010+/-0.000 χ^2/NDF : 4029537.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 8457029.3/25

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022+/-0.157 χ^2/NDF : 6.5/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.128+/-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

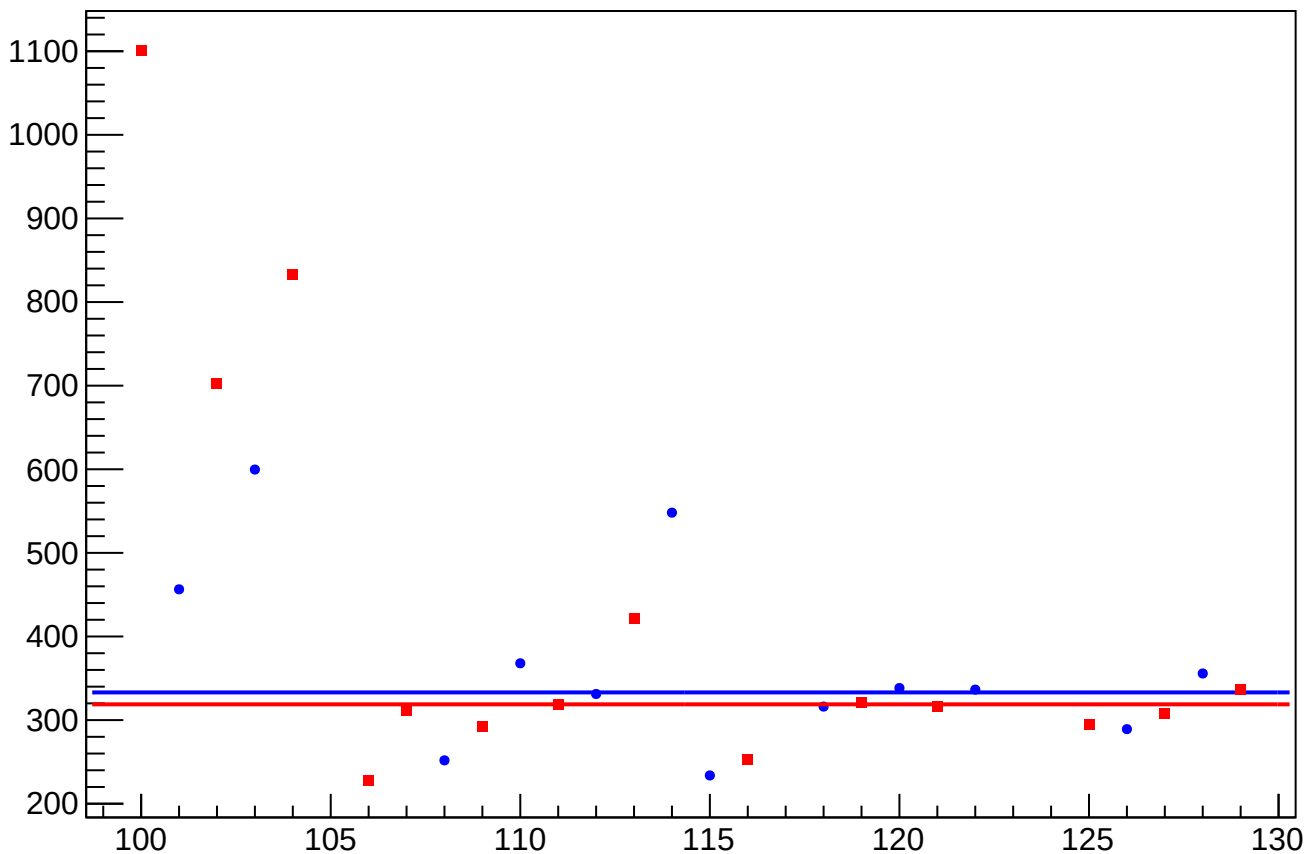
Right: 0.058+/-0.107 χ^2/NDF : 31.5/25

In: -0.022+/-0.157 χ^2/NDF :6.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.058+/-0.107 χ^2/NDF : 31.5/25

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 333.107+/-0.111 χ^2/NDF : 497272.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

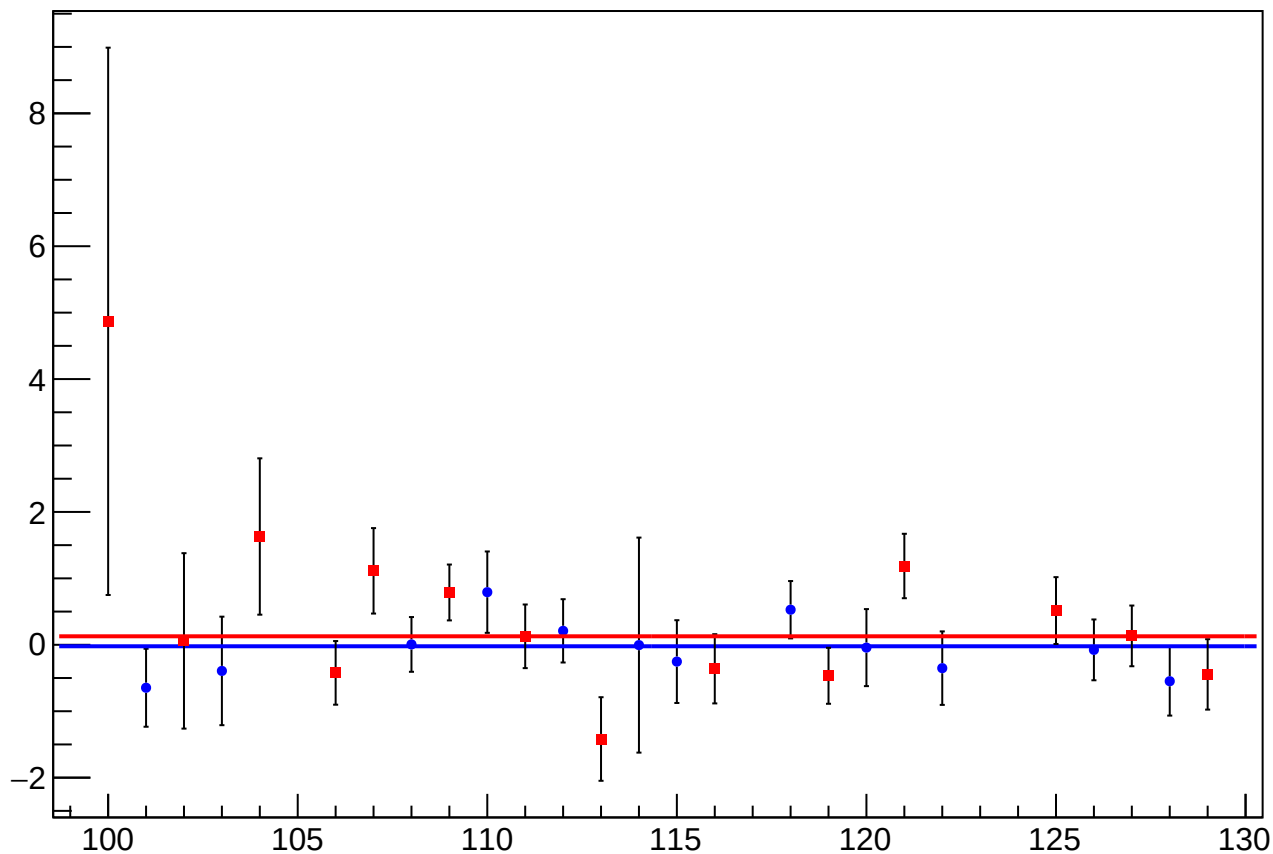
Right: 325.474+/-0.076 χ^2/NDF : 1303294.2/25

In: 333.107+/-0.111 χ^2/NDF : 497272.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 325.474+/-0.076 χ^2/NDF : 1303294.2/25

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022 $\pm$ 0.157 χ^2 /NDF: 6.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.128 $\pm$ 0.147 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

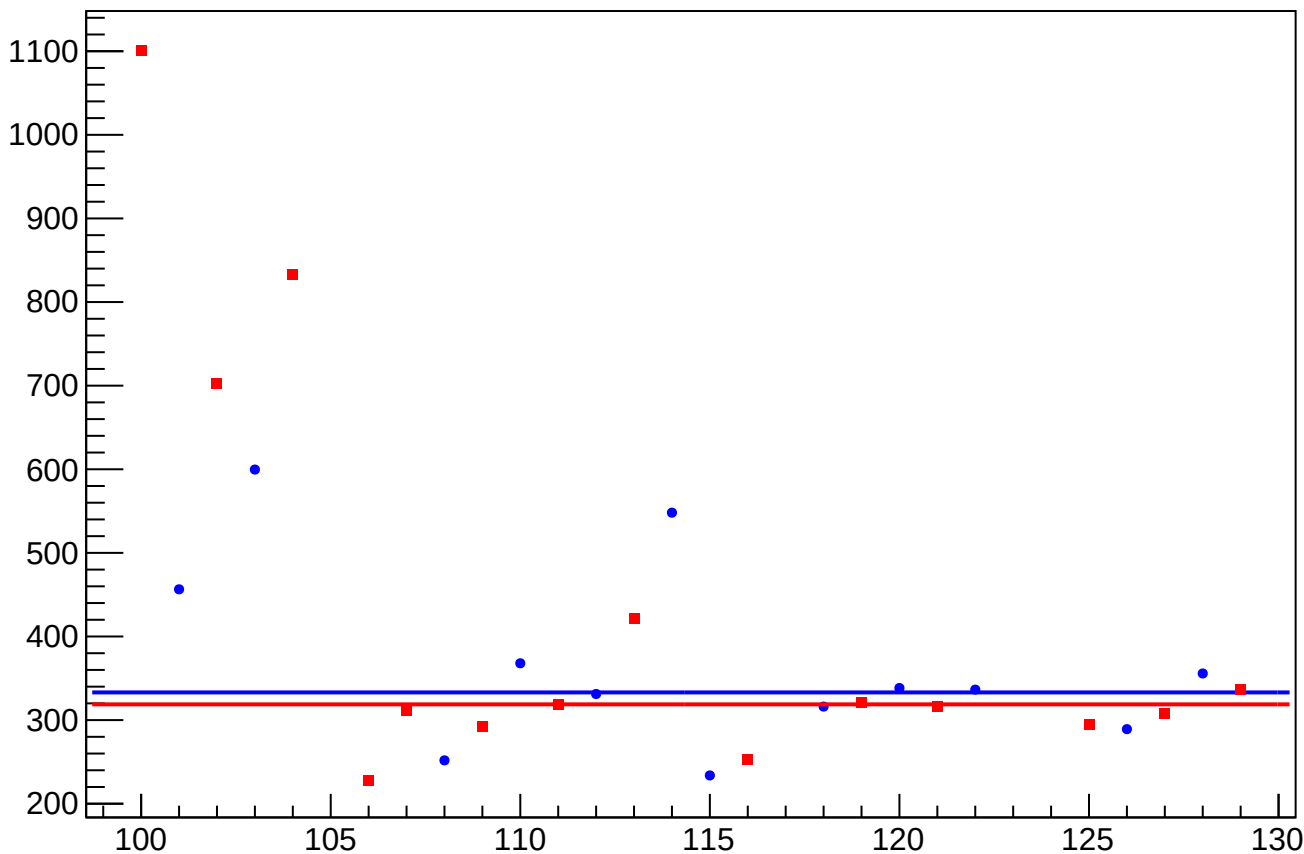
Right: 0.058 $\pm$ 0.107 χ^2 /NDF: 31.5/25

In: -0.022 $\pm$ 0.157 χ^2 /NDF:6.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.058 $\pm$ 0.107 χ^2 /NDF: 31.5/25

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 333.107+/-0.111 χ^2/NDF : 497272.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

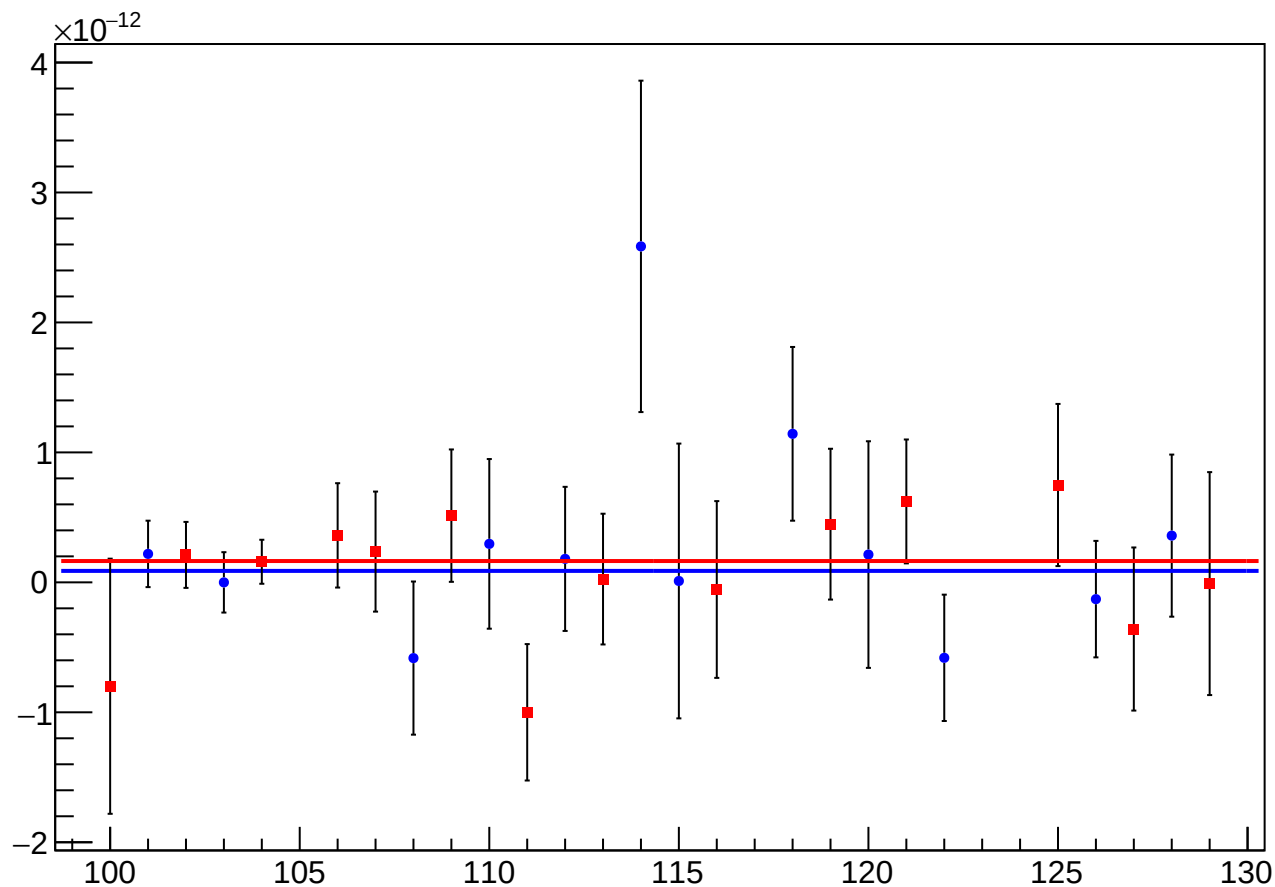
Right: 325.474+/-0.076 χ^2/NDF : 1303294.2/25

In: 333.107+/-0.111 χ^2/NDF : 497272.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 325.474+/-0.076 χ^2/NDF : 1303294.2/25

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 : 10.5/11

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

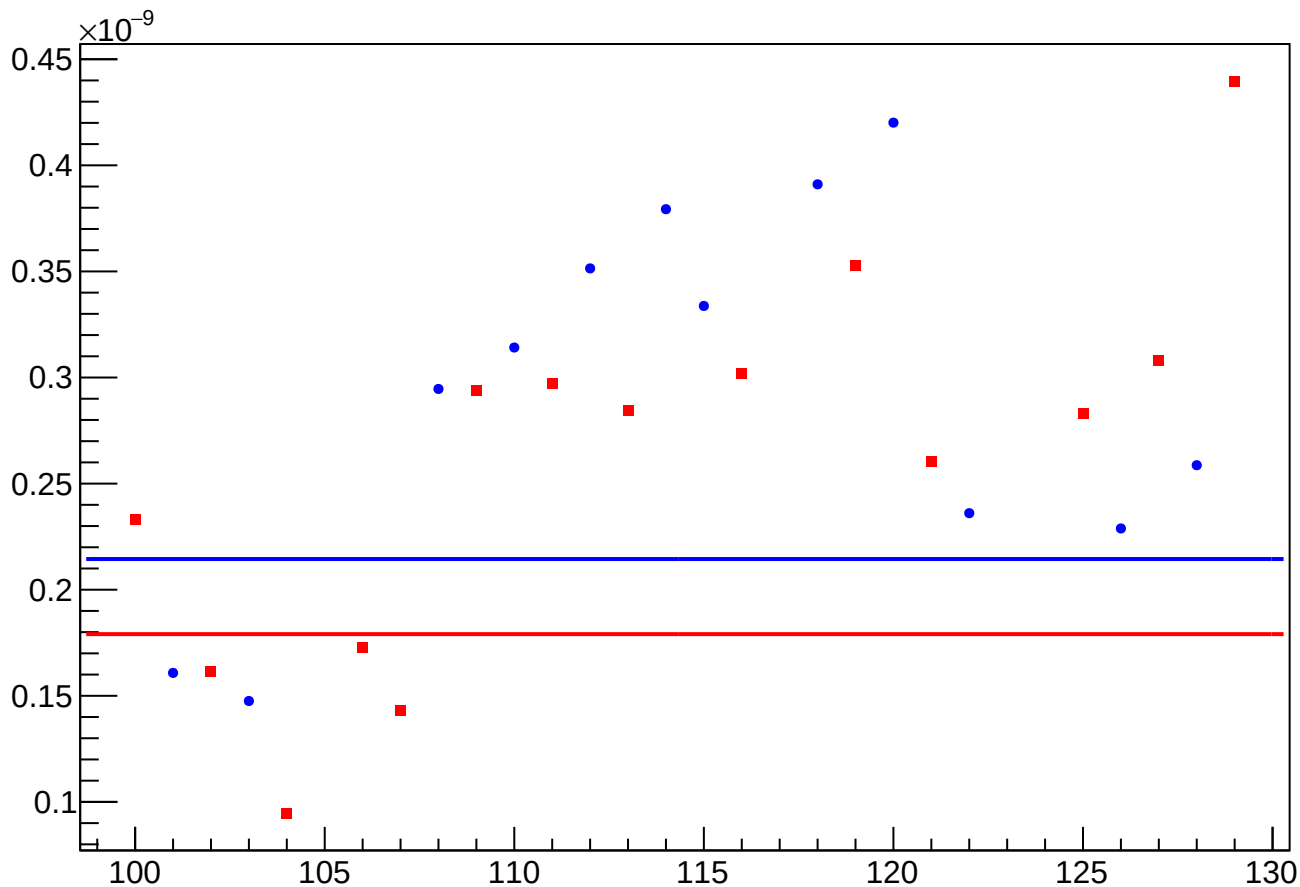
Right: 0.000+/-0.000 χ^2/NDF : 20.3/25

In: 0.000+/-0.000 χ^2/NDF : 10.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.3/25

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 : 785498.3/11

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

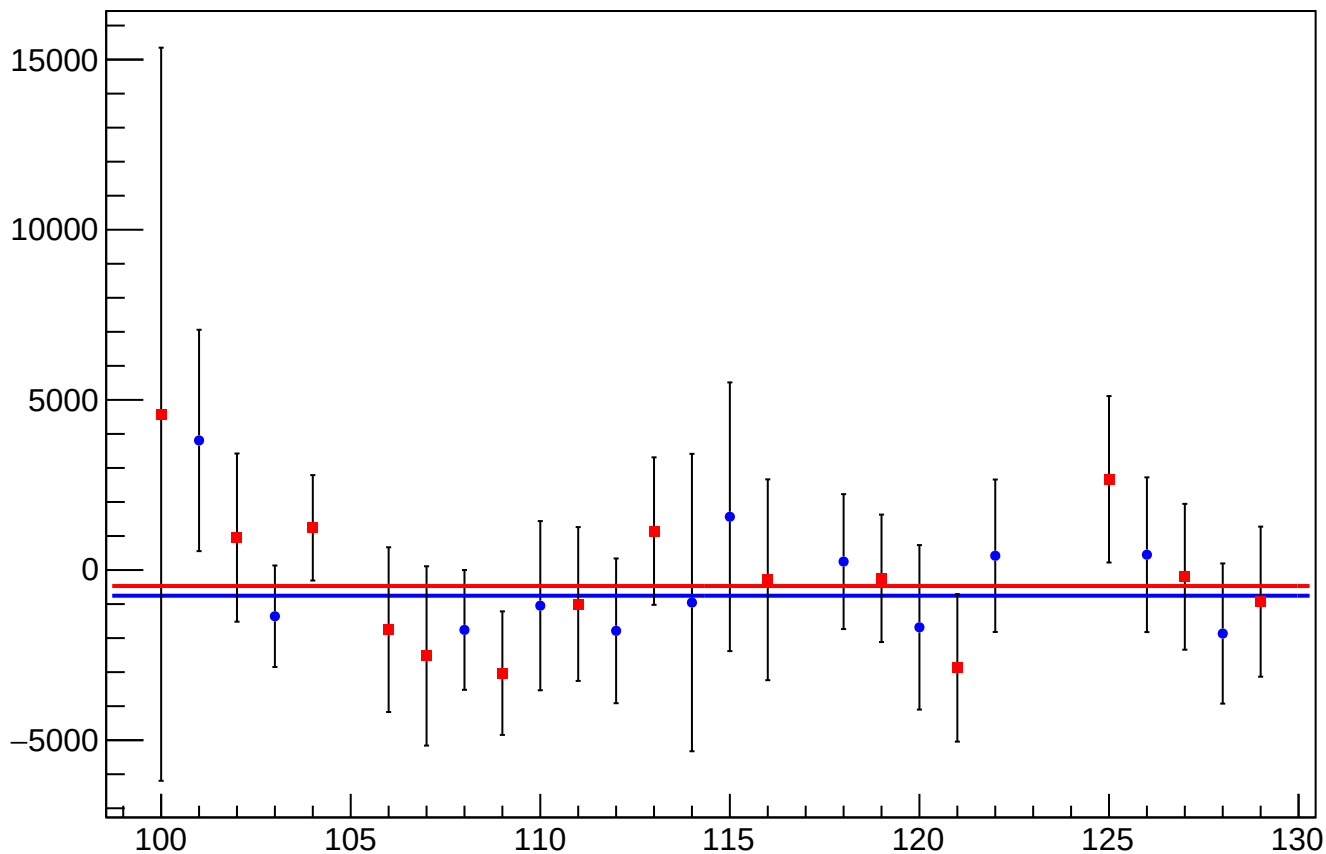
Right: 0.000+/-0.000 χ^2/NDF : 2319488.5/25

In: 0.000+/-0.000 χ^2/NDF : 785498.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2319488.5/25

reg_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -754.369+/-642.774 χ^2/NDF : 4.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -469.532+/-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

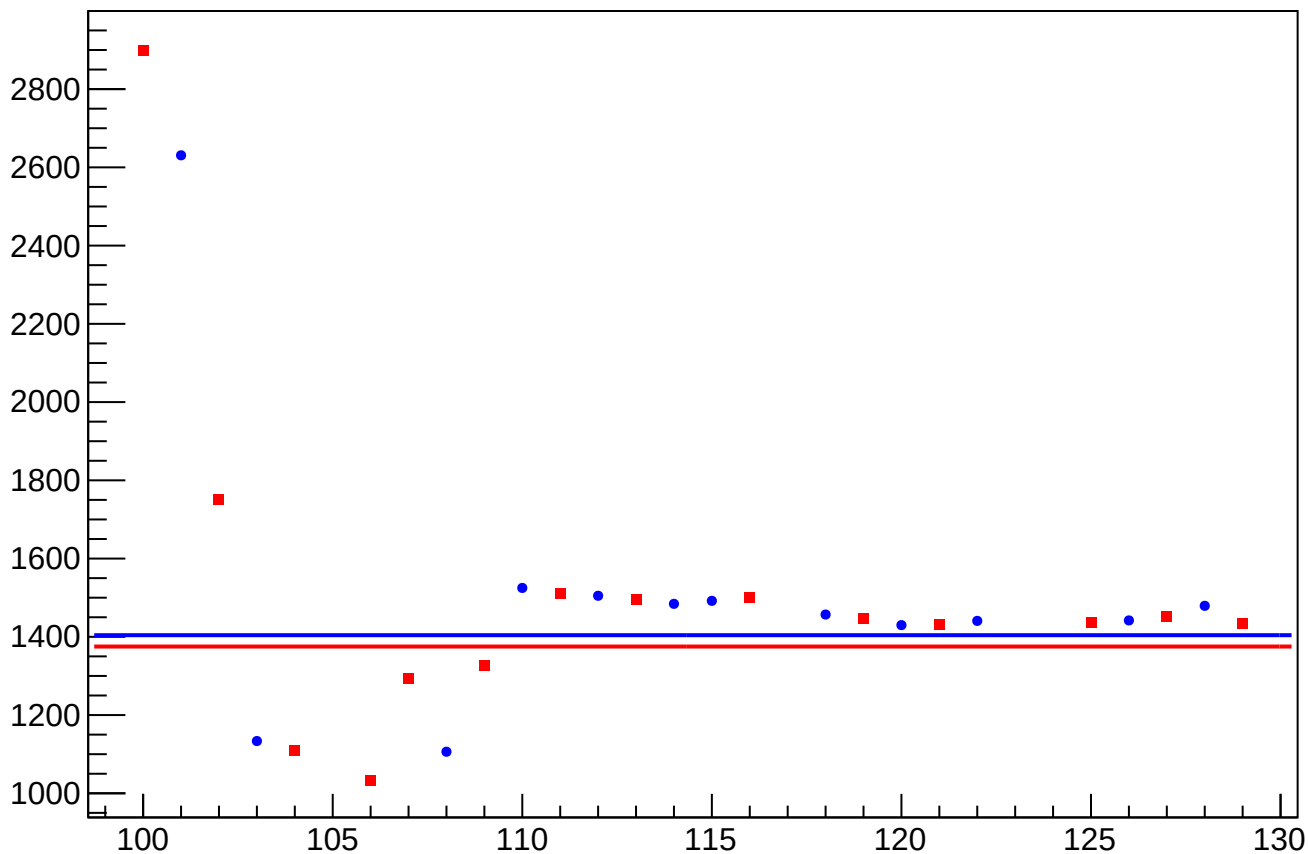
Right: -601.092+/-436.841 χ^2/NDF : 12.6/25

In: -754.369+/-642.774 χ^2/NDF : 4.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -601.092+/-436.841 χ^2/NDF : 12.6/25

reg_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1404.174+/-0.455 χ^2/NDF : 423825.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

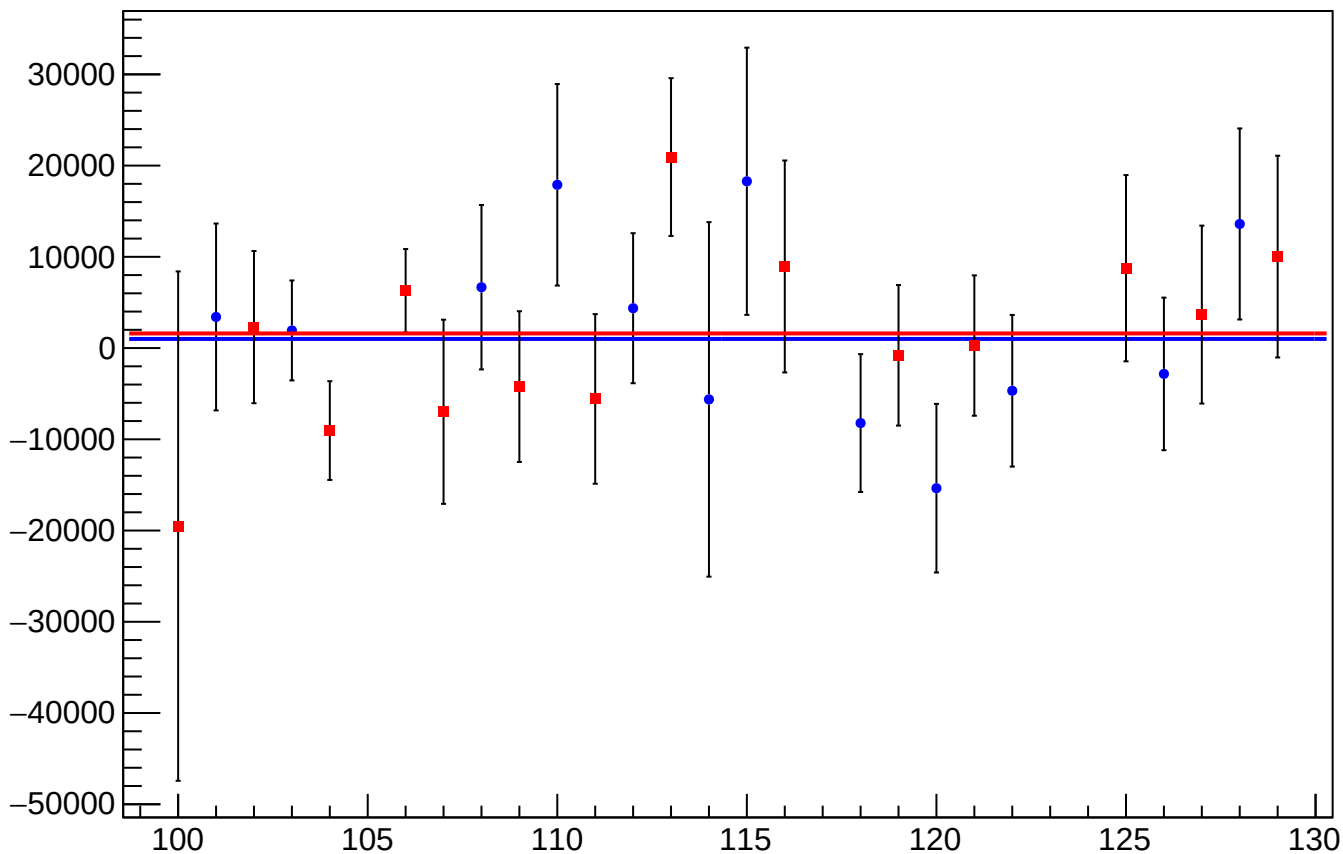
Right: 1388.450+/-0.307 χ^2/NDF : 652152.7/25

In: 1404.174+/-0.455 χ^2/NDF : 423825.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1388.450+/-0.307 χ^2/NDF : 652152.7/25

asym_us_avg_at2lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 1000.400+/-2560.033 χ^2/NDF : 11.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1603.940+/-2149.104 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

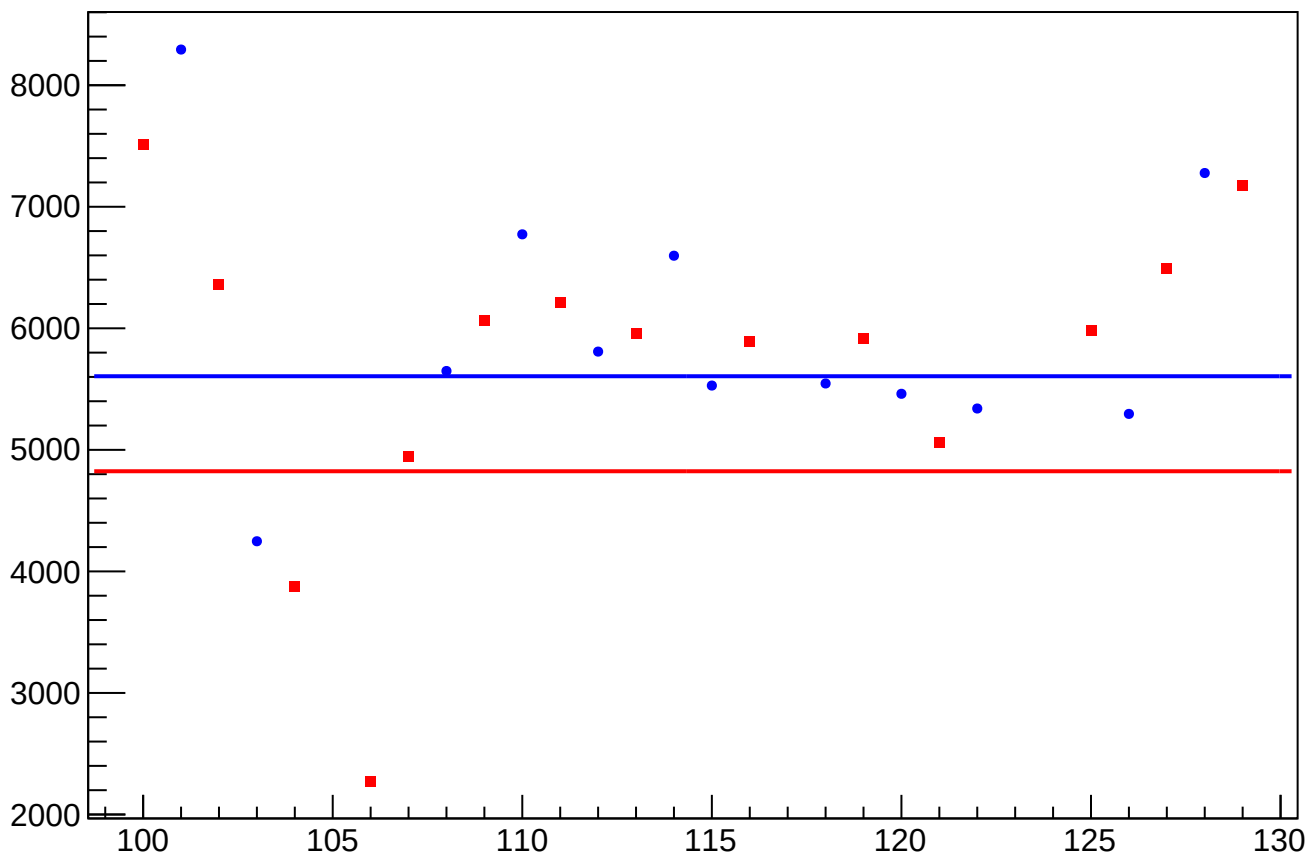
Right: 1354.438+/-1645.999 χ^2/NDF : 25.2/25

In: 1000.400+/-2560.033 χ^2/NDF : 11.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1354.438+/-1645.999 χ^2/NDF : 25.2/25

asym_us_avg_at2lr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 5605.684+/-1.810 χ^2/NDF : 345818.3/11

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

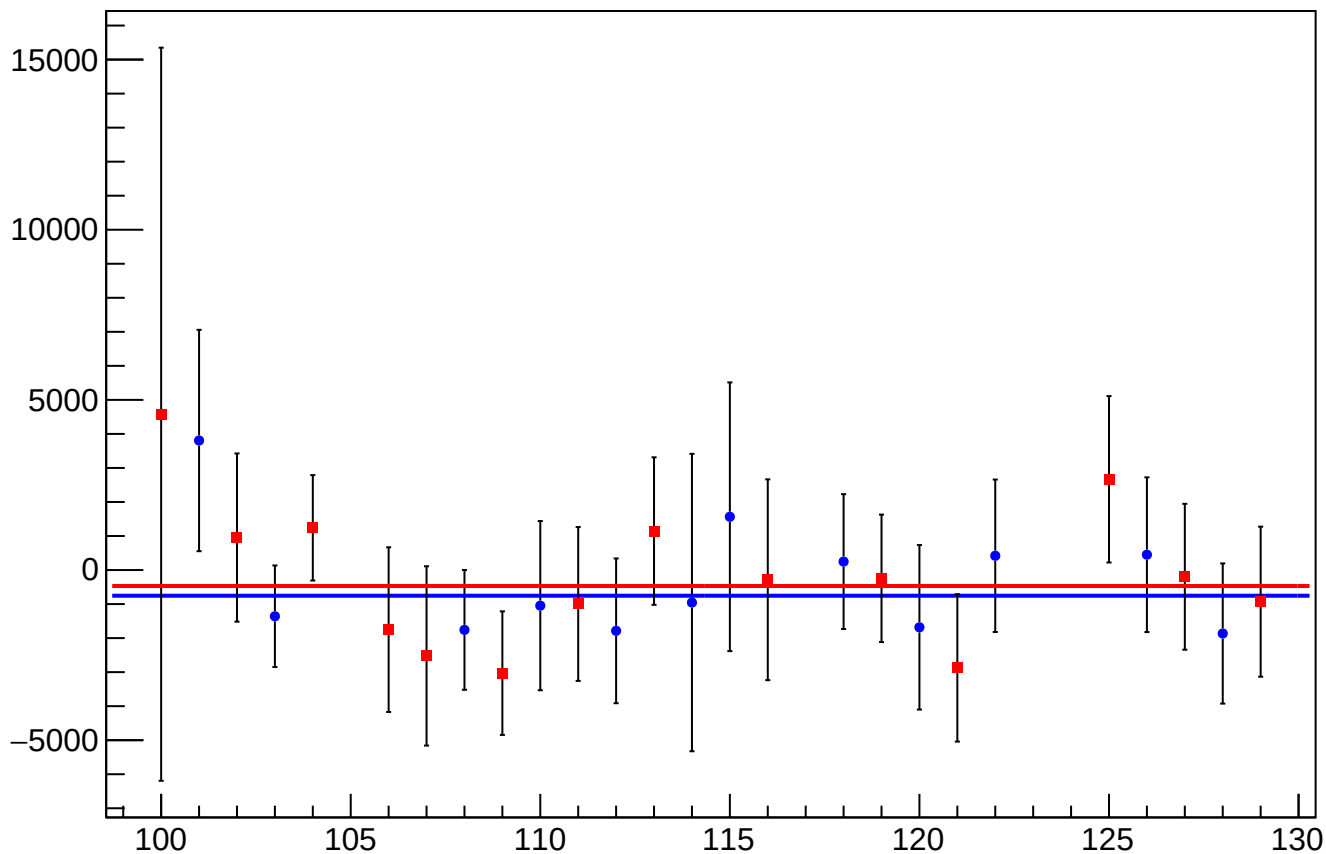
Right: 5147.154+/-1.164 χ^2/NDF : 1583463.0/25

In: 5605.684+/-1.810 χ^2/NDF : 345818.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5147.154+/-1.164 χ^2/NDF : 1583463.0/25

cor_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -754.475+/-642.774 χ^2/NDF : 4.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

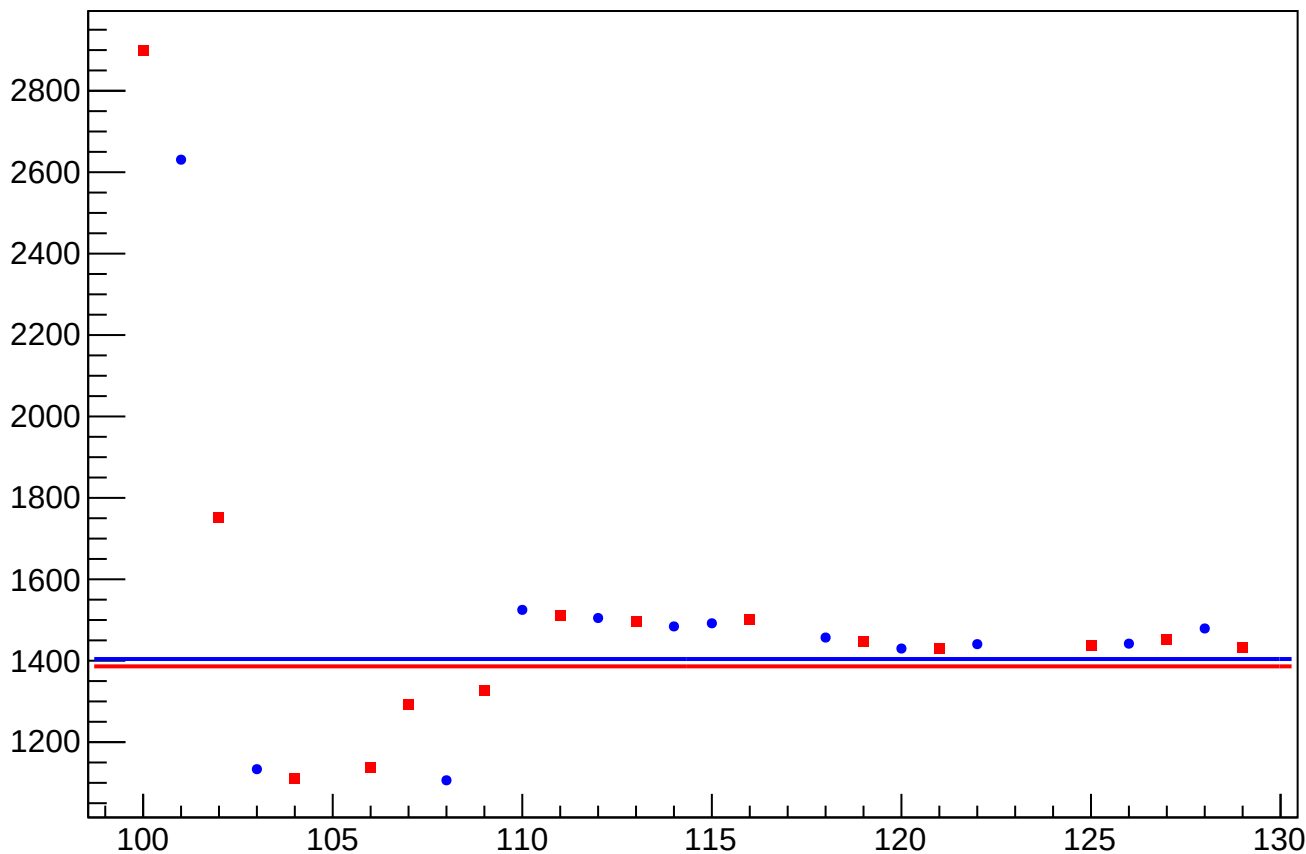
Right: -601.054+/-436.841 χ^2/NDF : 12.6/25

In: -754.475+/-642.774 χ^2/NDF : 4.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -601.054+/-436.841 χ^2/NDF : 12.6/25

cor_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1404.173+/-0.455 χ^2/NDF : 423825.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

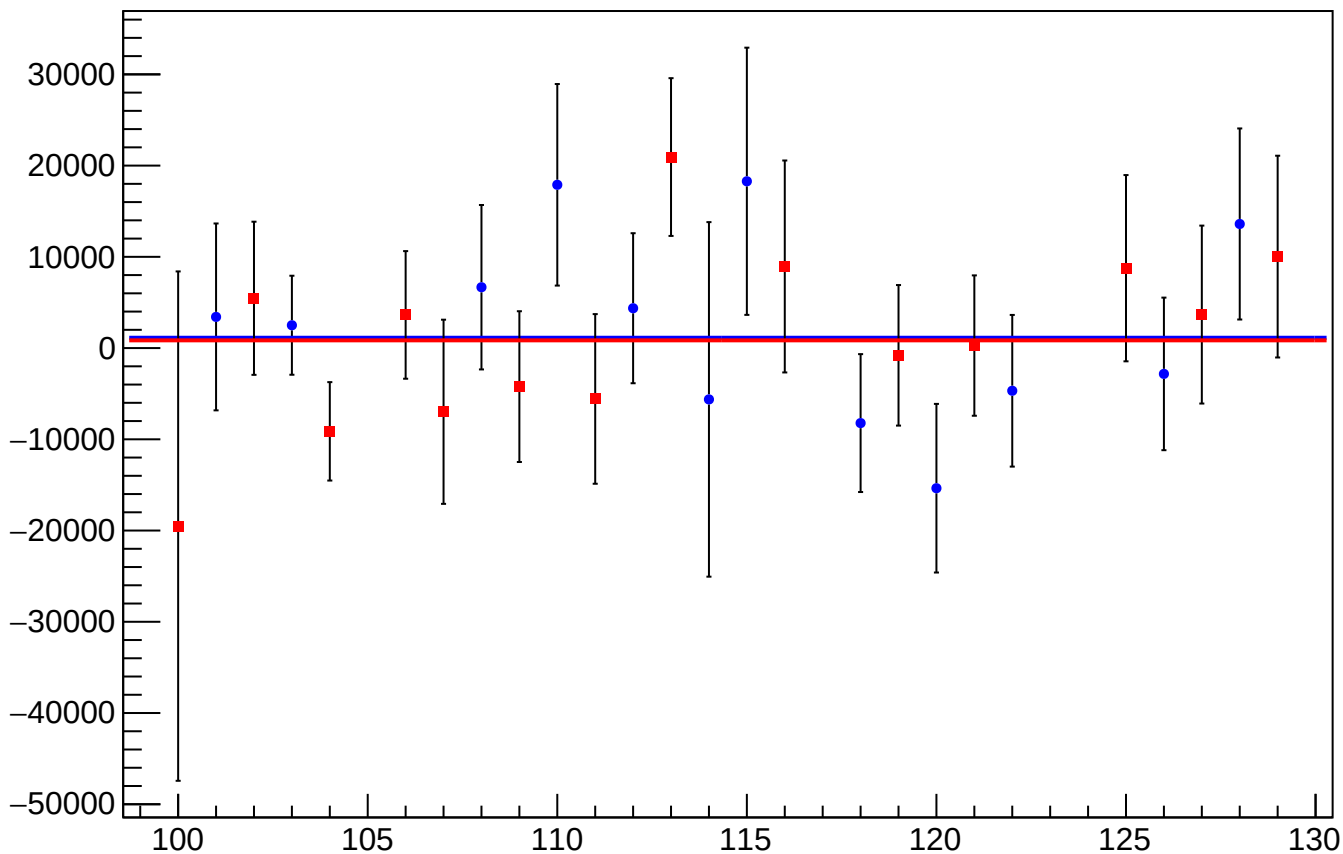
Right: 1394.442+/-0.308 χ^2/NDF : 619734.5/25

In: 1404.173+/-0.455 χ^2/NDF : 423825.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1394.442+/-0.308 χ^2/NDF : 619734.5/25

asym_us_avg_at2lr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1131.224+/-2554.618 χ^2/NDF : 11.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 847.714+/-2299.212 χ^2/NDF : 13.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

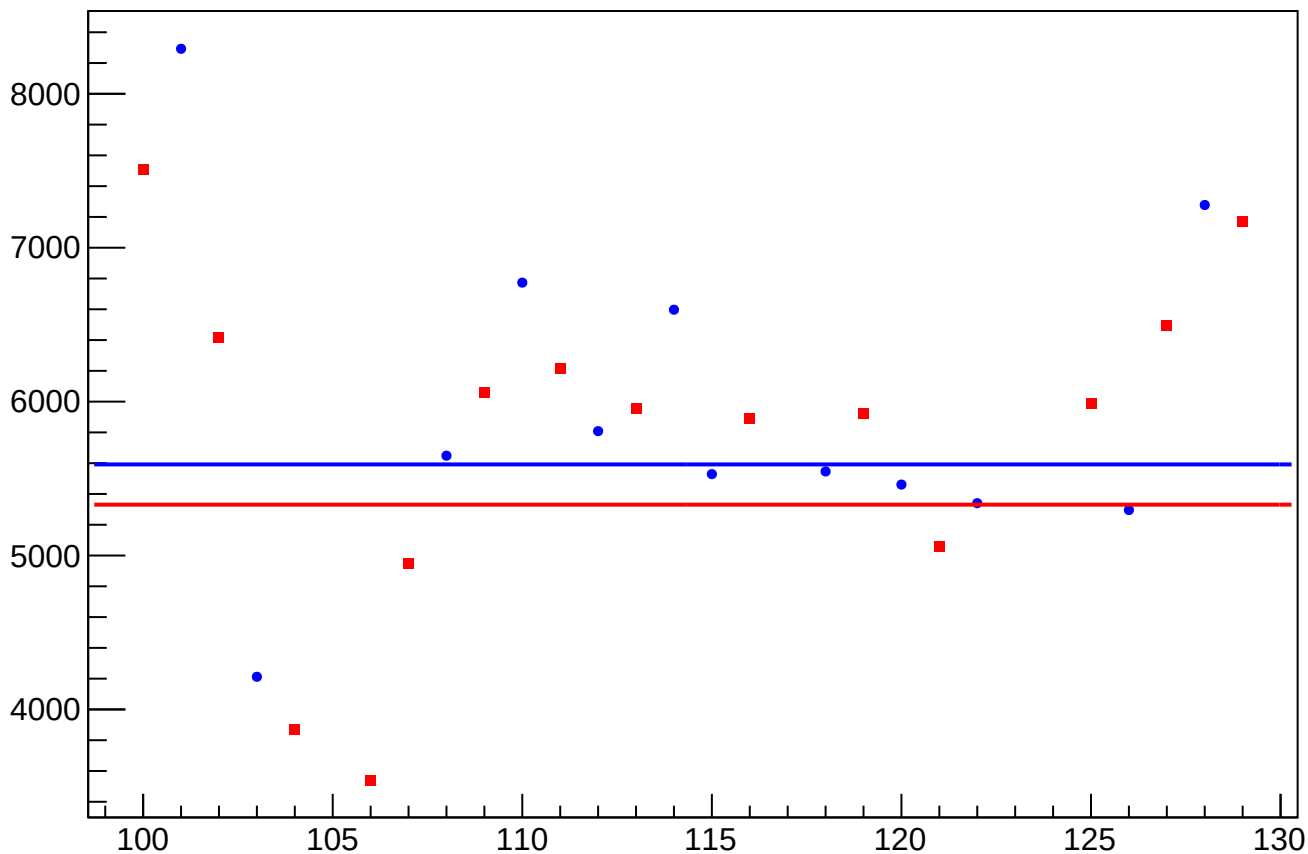
Right: 974.592+/-1708.972 χ^2/NDF : 24.5/25

In: 1131.224+/-2554.618 χ^2/NDF : 11.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 974.592+/-1708.972 χ^2/NDF : 24.5/25

asym_us_avg_at2lr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 5592.012+/-1.806 χ^2/NDF : 354764.6/11

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

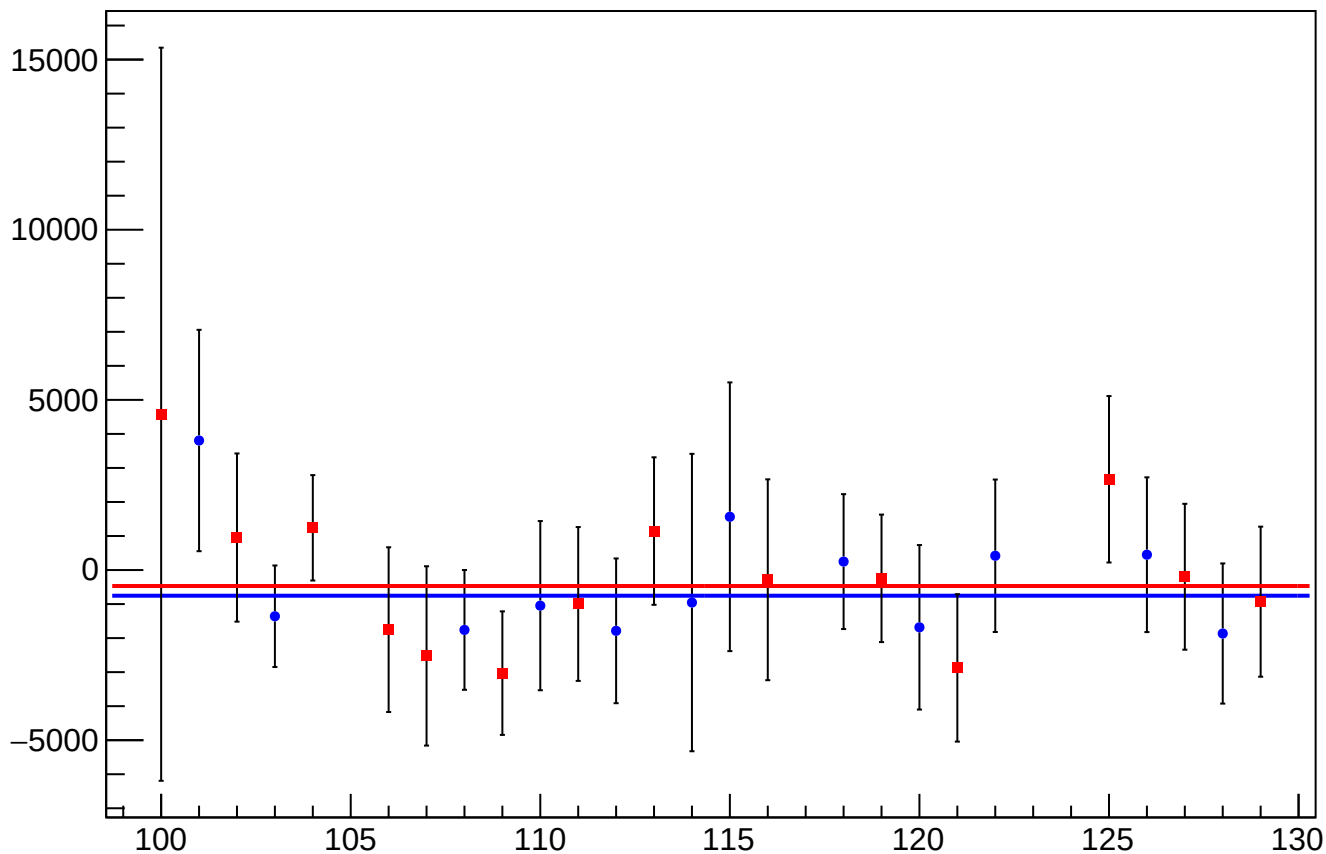
Right: 5447.564+/-1.208 χ^2/NDF : 848099.3/25

In: 5592.012+/-1.806 χ^2/NDF : 354764.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5447.564+/-1.208 χ^2/NDF : 848099.3/25

eigen_cor_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -754.475+/-642.774 χ^2/NDF : 4.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

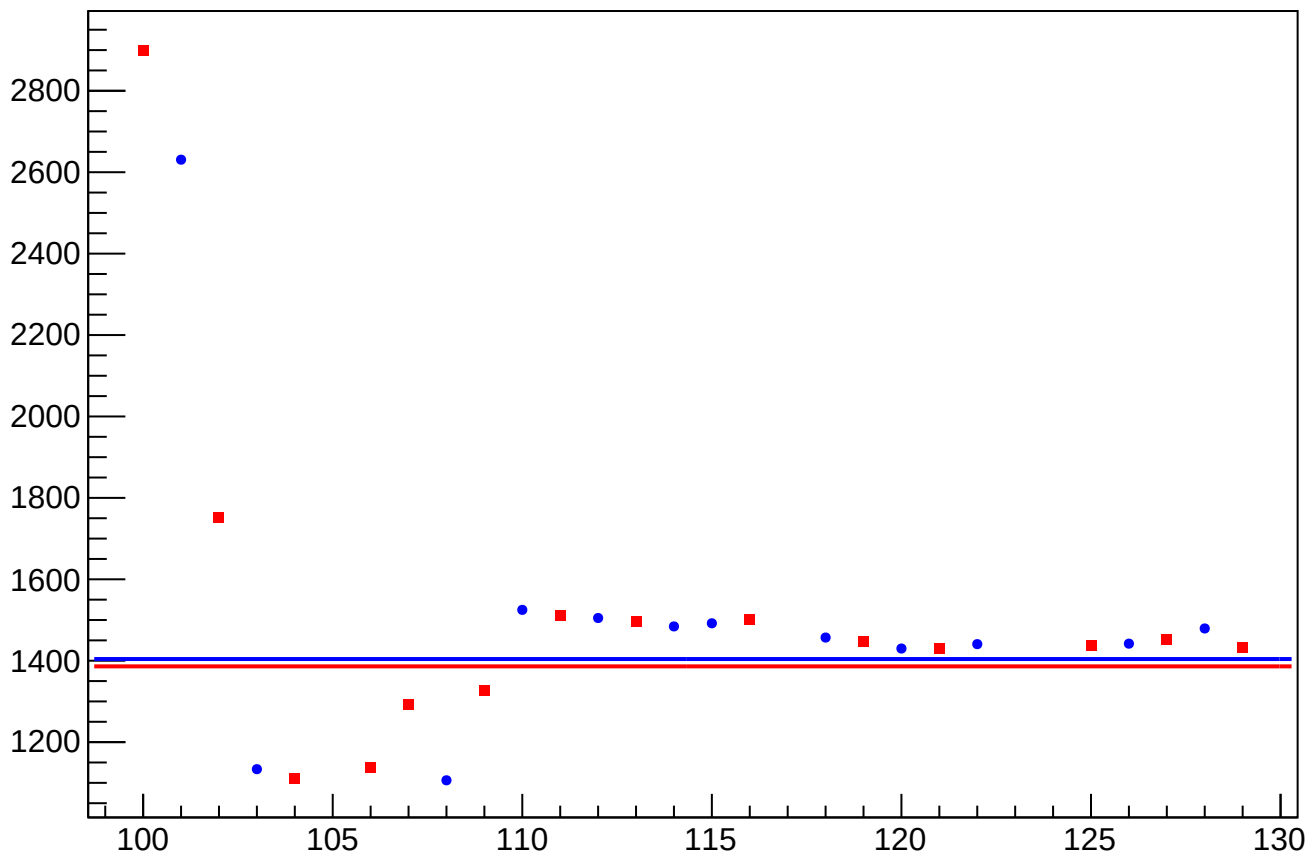
Right: -601.054+/-436.841 χ^2/NDF : 12.6/25

In: -754.475+/-642.774 χ^2/NDF : 4.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -601.054+/-436.841 χ^2/NDF : 12.6/25

eigen_cor_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1404.173+/-0.455 χ^2/NDF : 423825.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

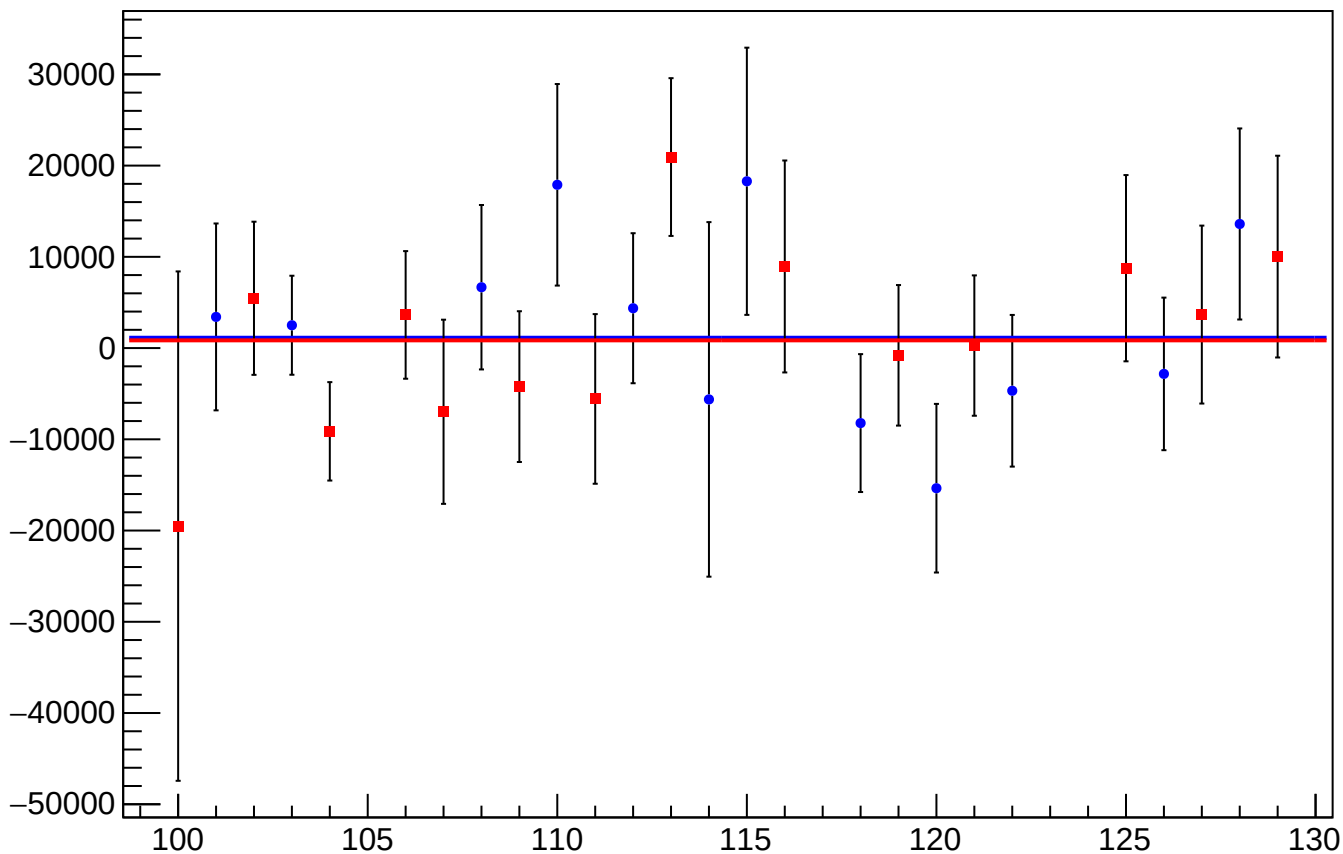
Right: 1394.442+/-0.308 χ^2/NDF : 619734.5/25

In: 1404.173+/-0.455 χ^2/NDF : 423825.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1394.442+/-0.308 χ^2/NDF : 619734.5/25

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1131.224+/-2554.618 χ^2/NDF : 11.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 847.714+/-2299.212 χ^2/NDF : 13.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

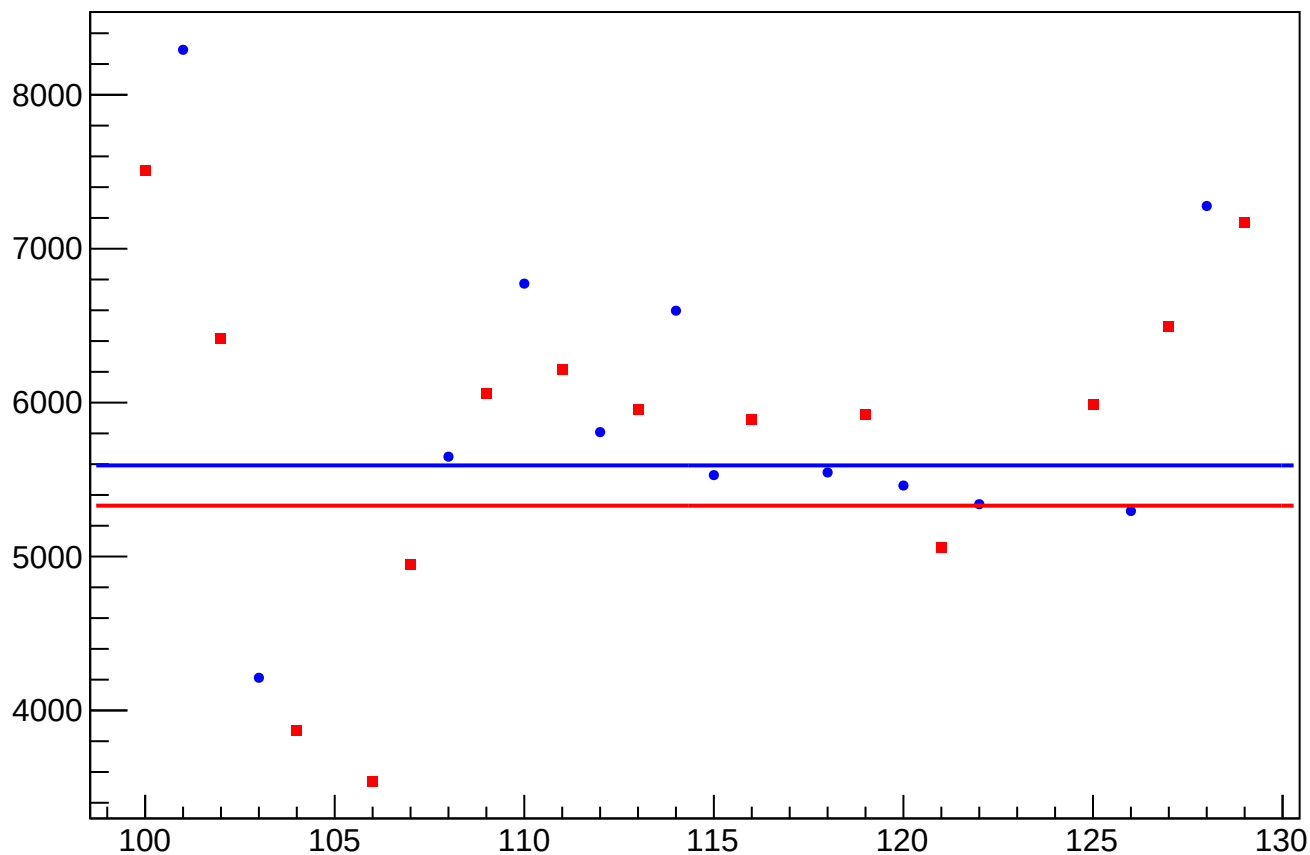
Right: 974.592+/-1708.972 χ^2/NDF : 24.5/25

In: 1131.224+/-2554.618 χ^2/NDF : 11.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 974.592+/-1708.972 χ^2/NDF : 24.5/25

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 5592.012+/-1.806 χ^2/NDF : 354764.6/11

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

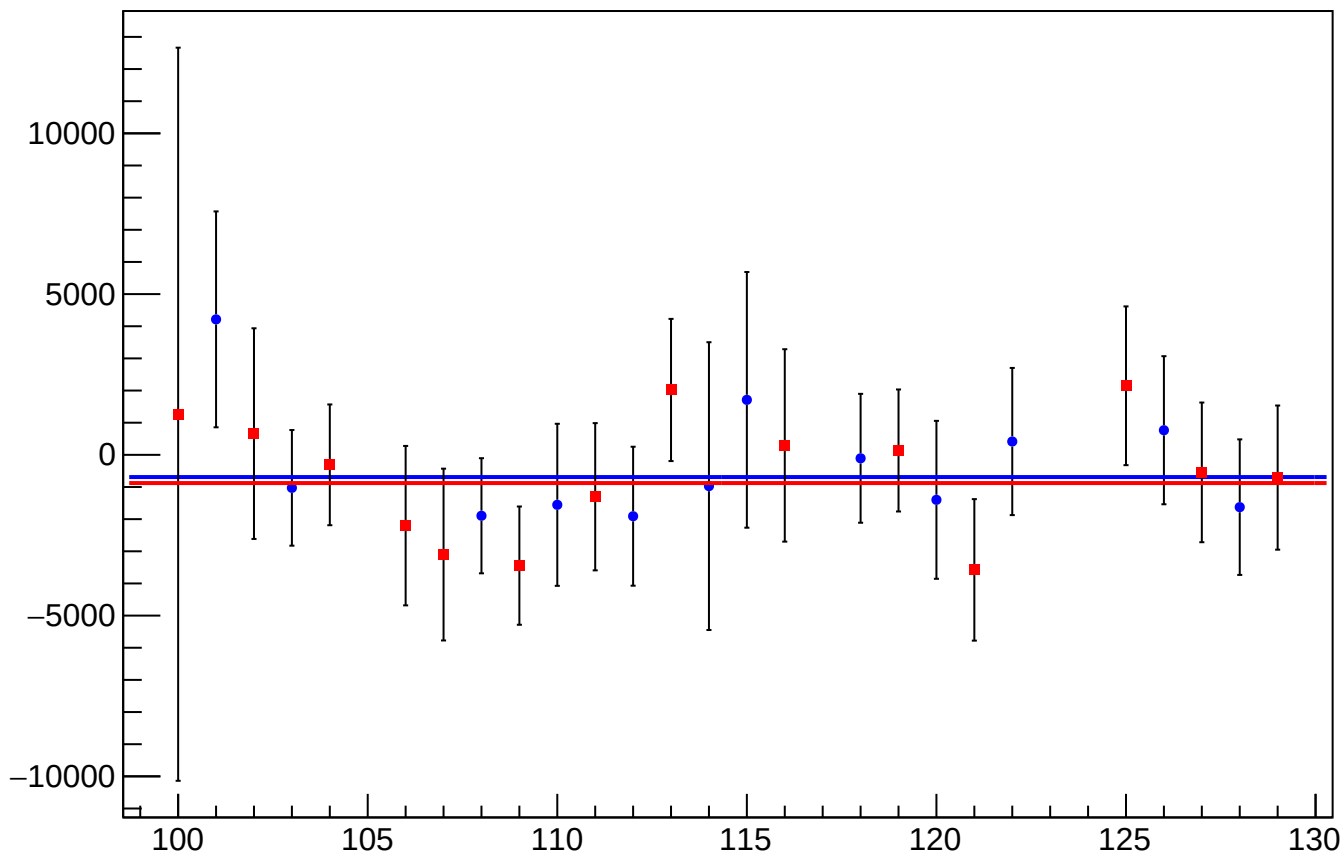
Right: 5447.564+/-1.208 χ^2/NDF : 848099.3/25

In: 5592.012+/-1.806 χ^2/NDF : 354764.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5447.564+/-1.208 χ^2/NDF : 848099.3/25

dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -690.932+/-672.135 χ^2/NDF : 4.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

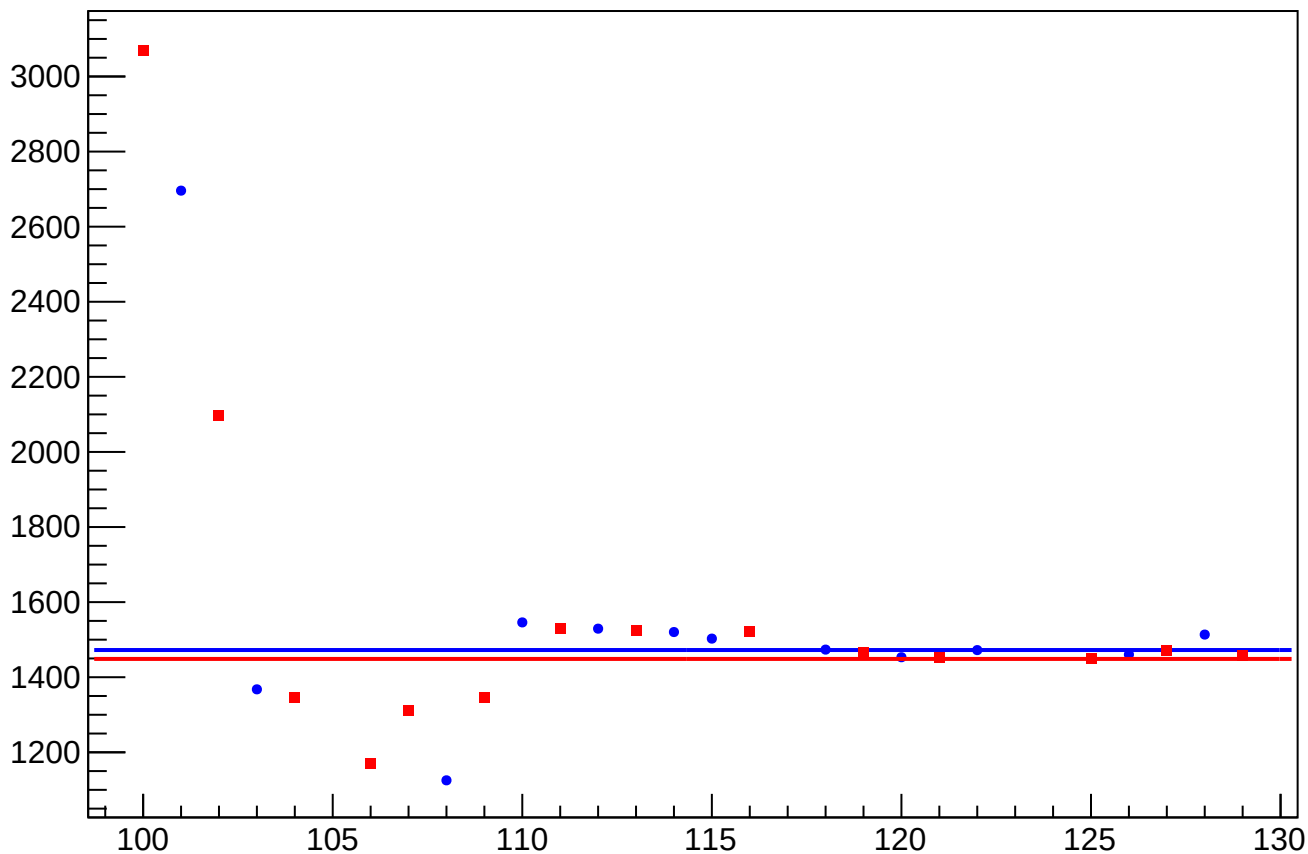
Right: -790.748+/-458.242 χ^2/NDF : 13.0/25

In: -690.932+/-672.135 χ^2/NDF : 4.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -790.748+/-458.242 χ^2/NDF : 13.0/25

dit_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1472.434+/-0.475 χ^2/NDF : 351852.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

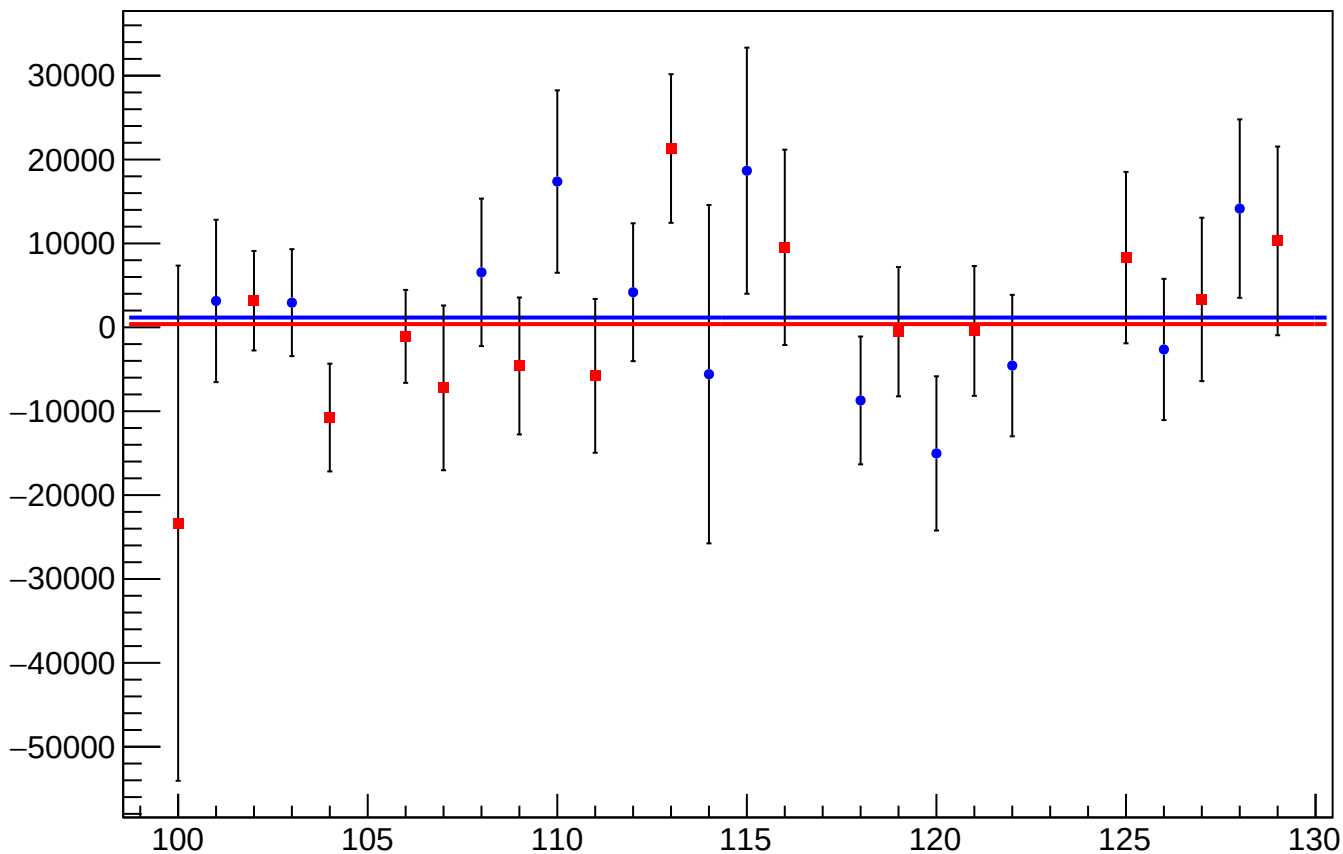
Right: 1459.724+/-0.324 χ^2/NDF : 521335.1/25

In: 1472.434+/-0.475 χ^2/NDF : 351852.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1459.724+/-0.324 χ^2/NDF : 521335.1/25

asym_us_avg_at2lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1164.891 $\pm$ 2629.293 χ^2 /NDF: 11.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 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

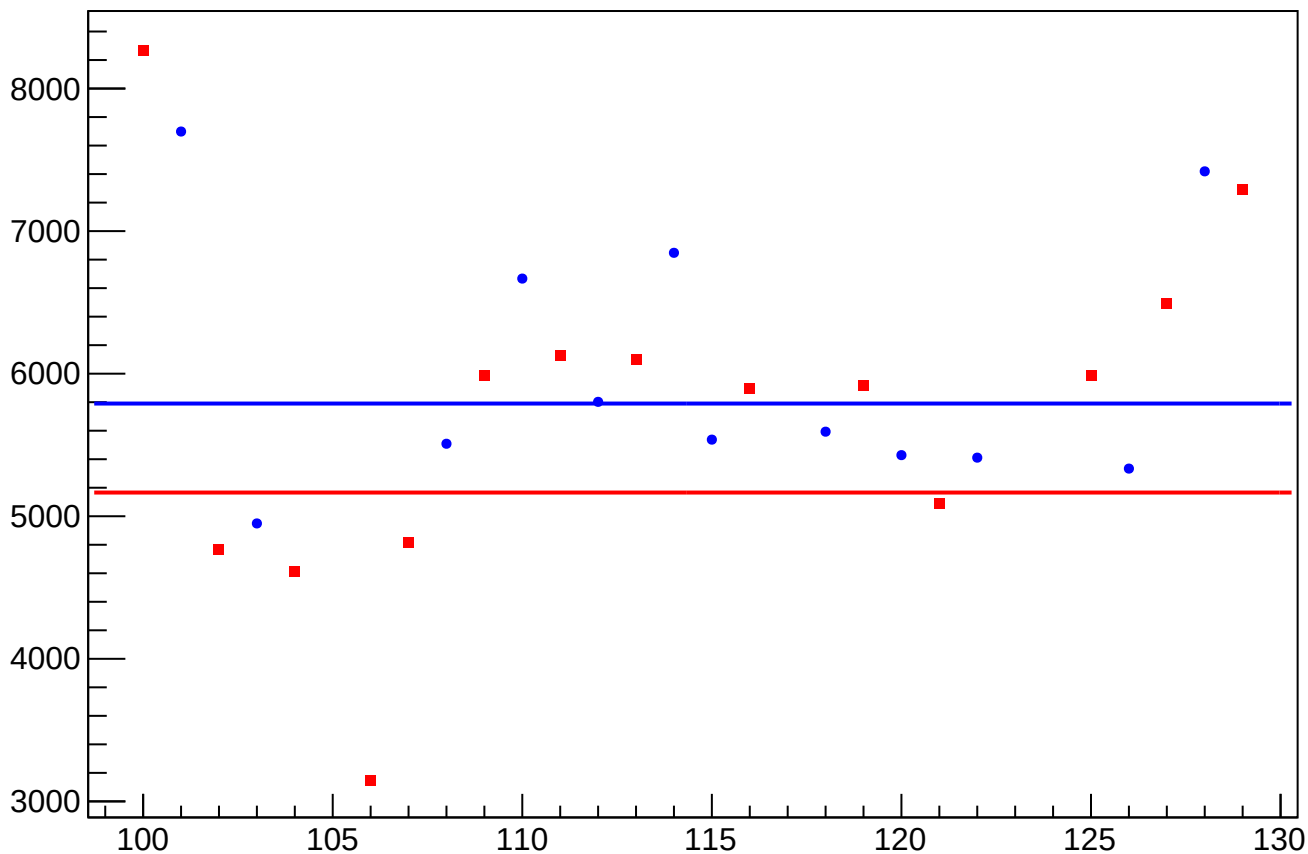
Right: 706.747 $\pm$ 1690.464 χ^2 /NDF: 24.4/25

In: 1164.891 $\pm$ 2629.293 χ^2 /NDF:11.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 706.747 $\pm$ 1690.464 χ^2 /NDF: 24.4/25

asym_us_avg_at2lr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 5790.523+/-1.859 χ^2/NDF : 194959.3/11

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

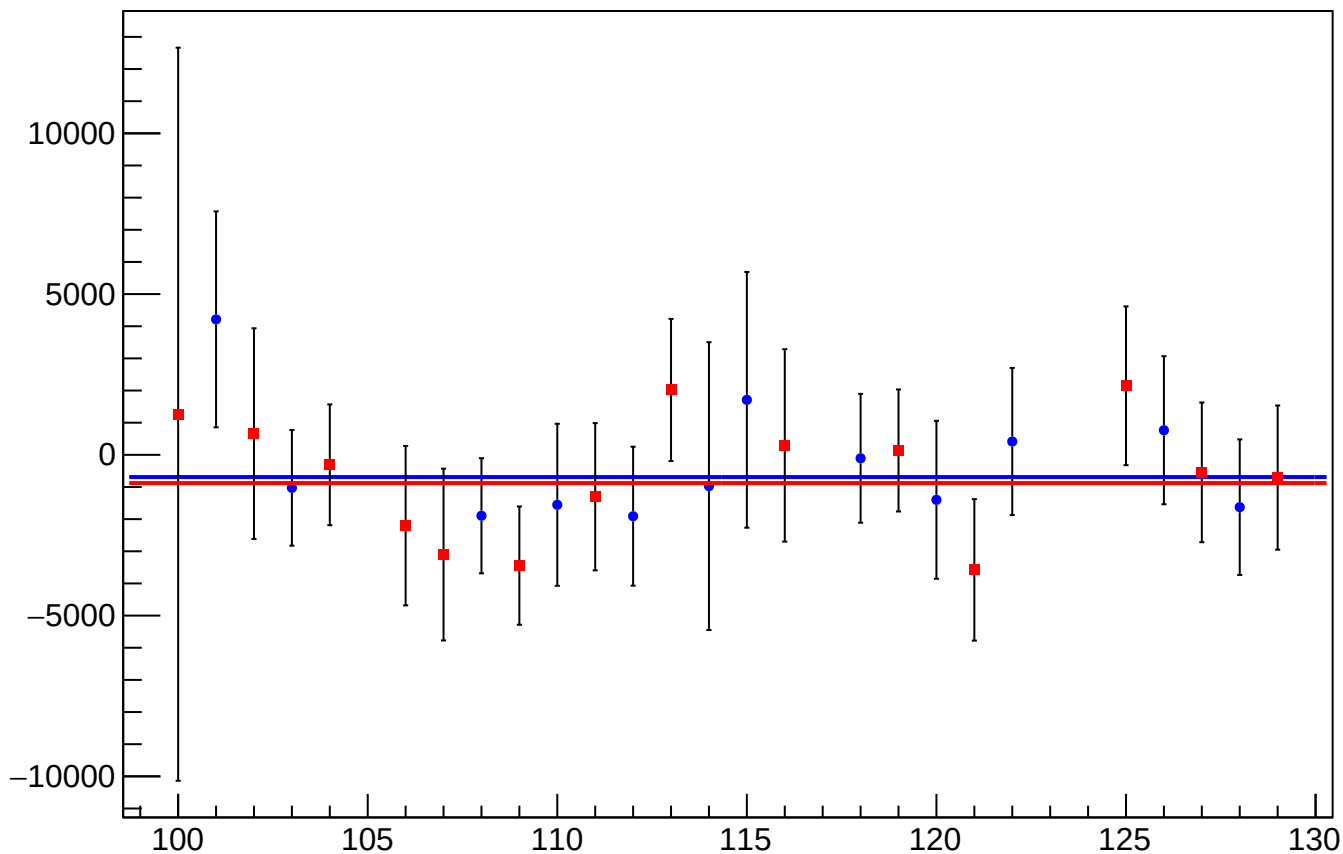
Right: 5424.314+/-1.195 χ^2/NDF : 786503.0/25

In: 5790.523+/-1.859 χ^2/NDF : 194959.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5424.314+/-1.195 χ^2/NDF : 786503.0/25

eigen_dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -690.938+/-672.135 χ^2 /NDF: 4.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -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

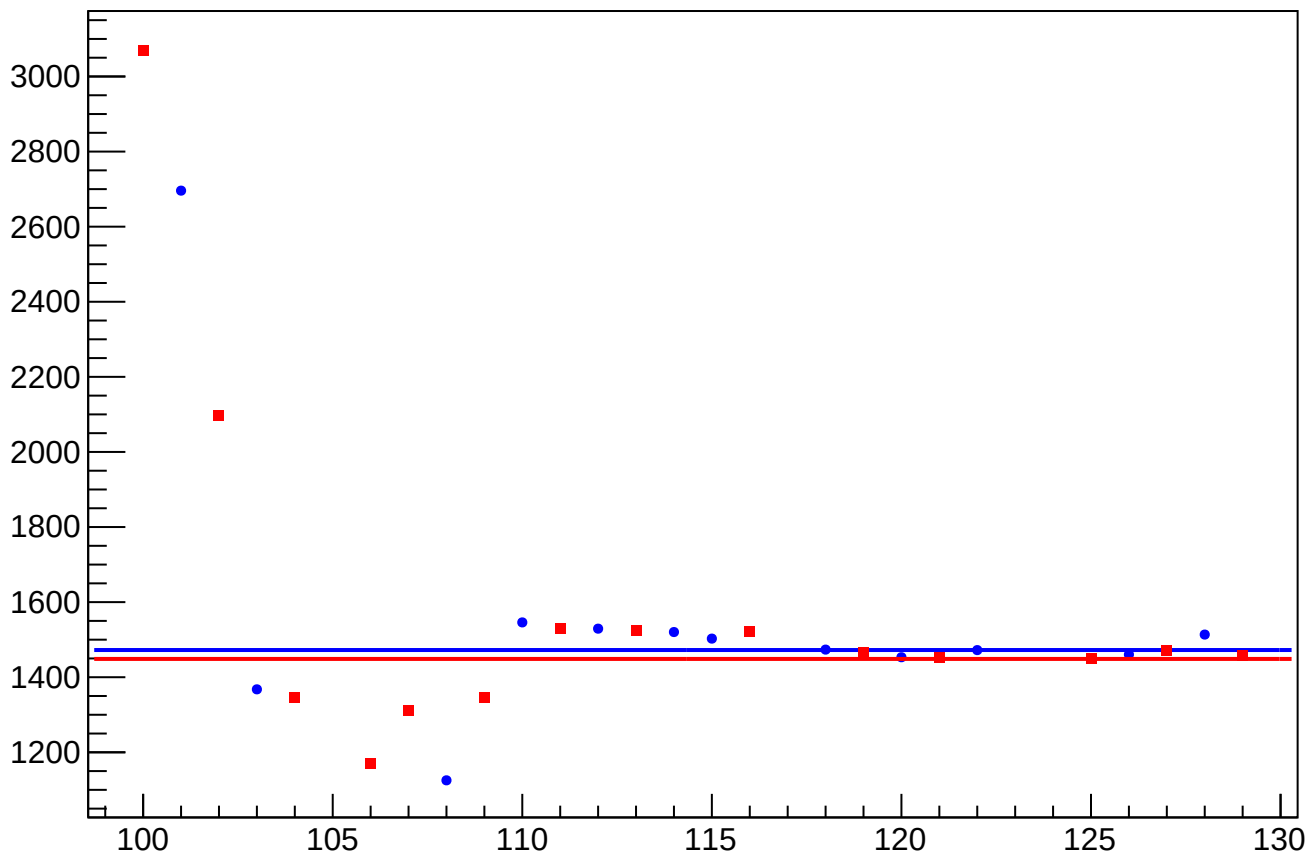
Right: -790.758+/-458.242 χ^2 /NDF: 13.0/25

In: -690.938+/-672.135 χ^2 /NDF:4.4/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -790.758+/-458.242 χ^2 /NDF: 13.0/25

eigen_dit_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1472.434+/-0.475 χ^2/NDF : 351851.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

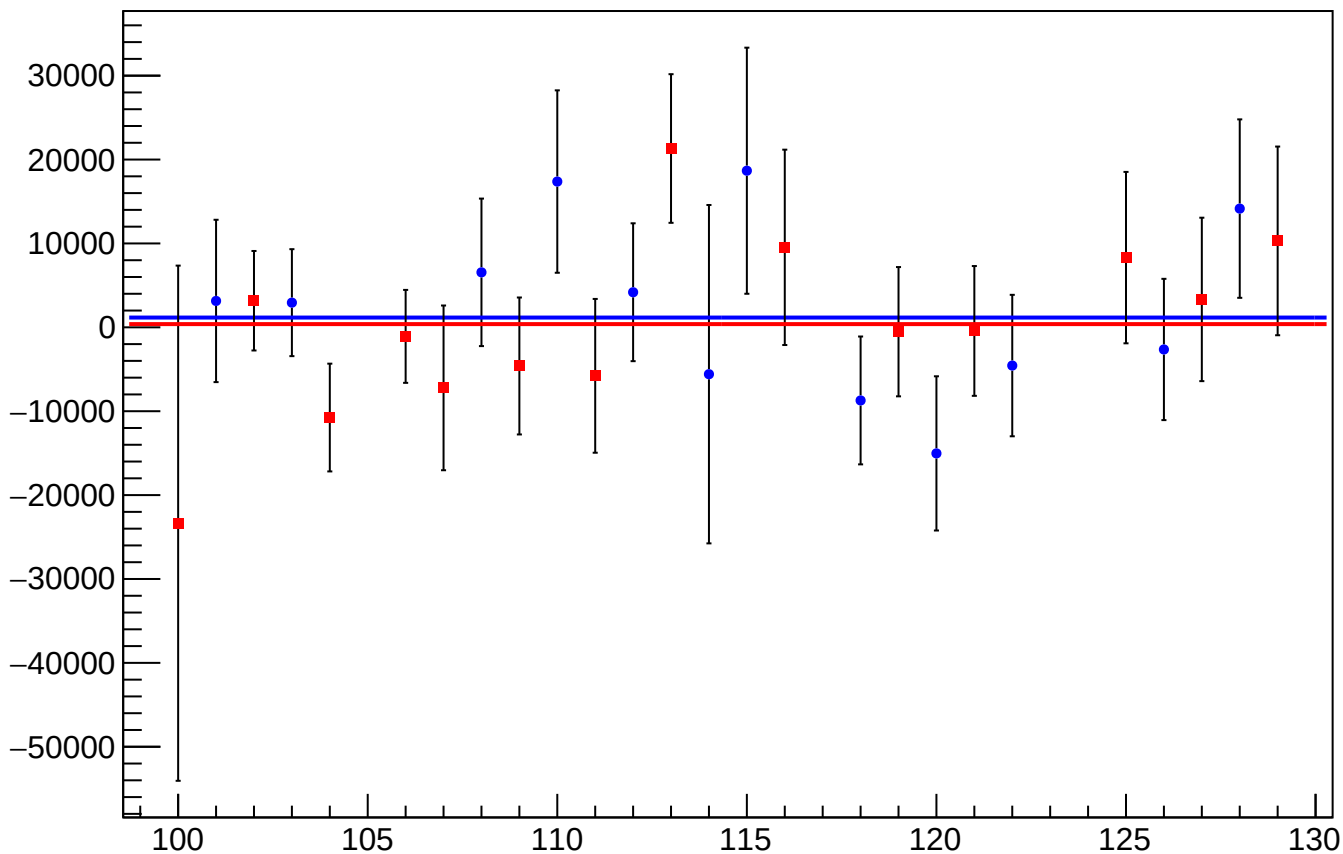
Right: 1459.724+/-0.324 χ^2/NDF : 521334.7/25

In: 1472.434+/-0.475 χ^2/NDF : 351851.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1459.724+/-0.324 χ^2/NDF : 521334.7/25

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1164.878+/-2629.286 χ^2/NDF : 11.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 383.914+/-2207.095 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

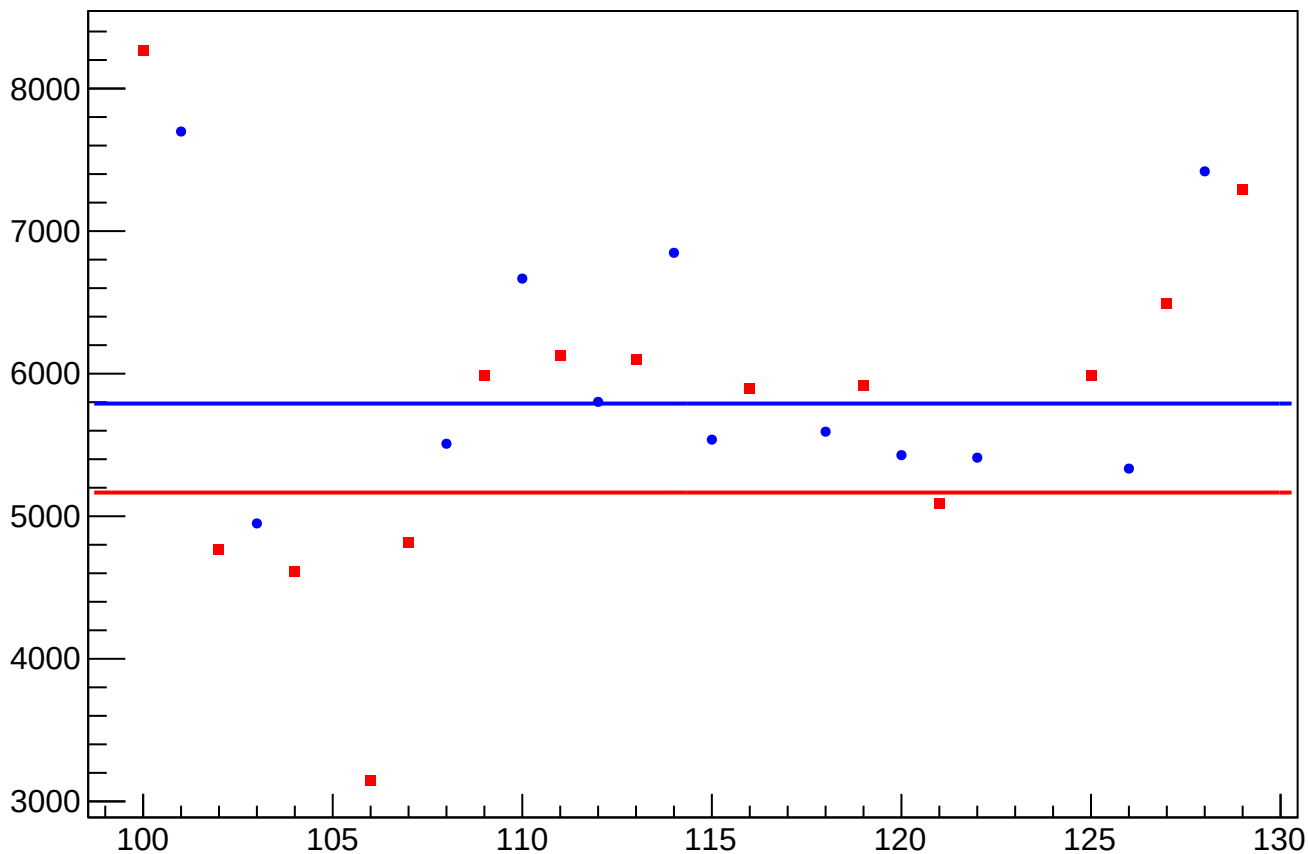
Right: 706.738+/-1690.460 χ^2/NDF : 24.4/25

In: 1164.878+/-2629.286 χ^2/NDF : 11.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 706.738+/-1690.460 χ^2/NDF : 24.4/25

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 5790.507+/-1.859 χ^2/NDF : 194959.1/11

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

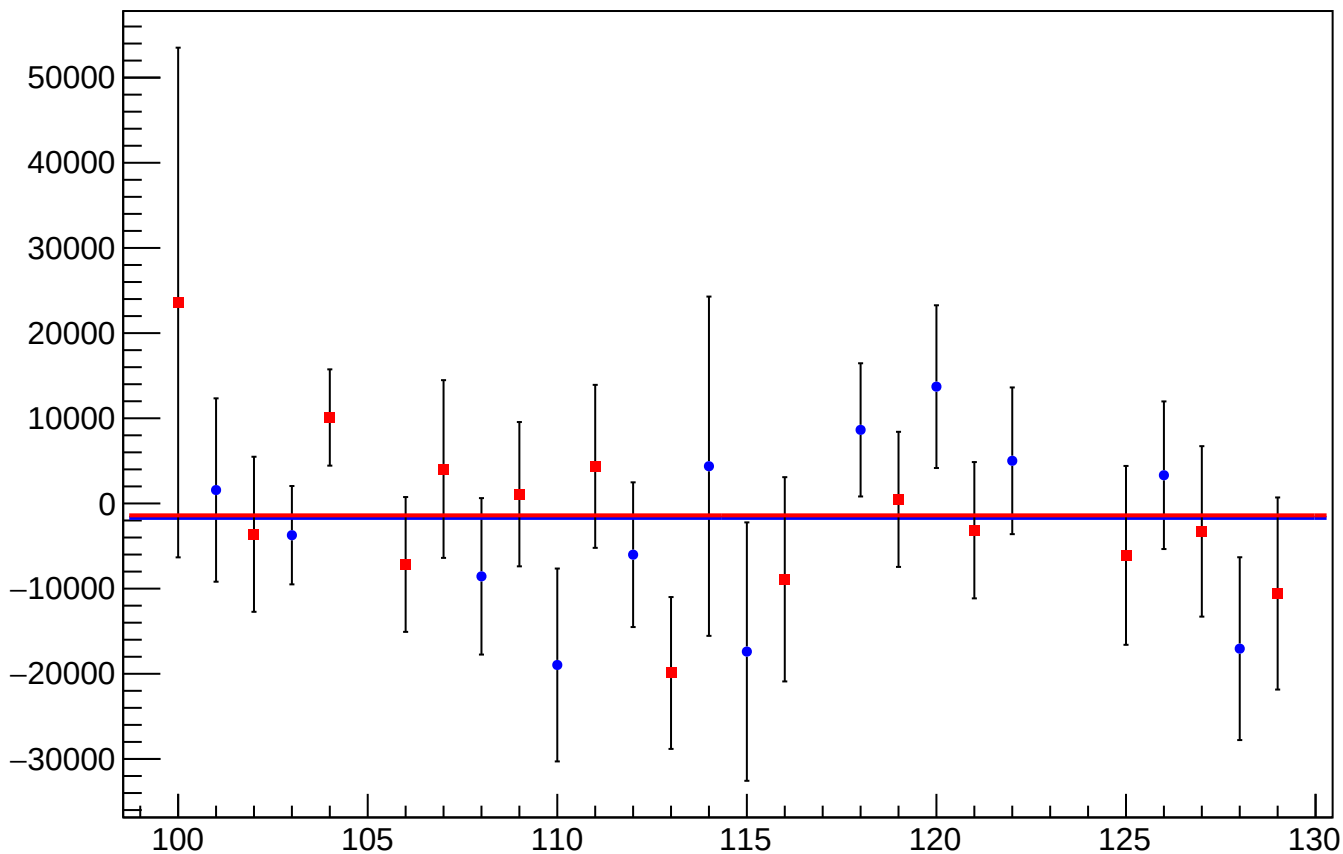
Right: 5424.301+/-1.195 χ^2/NDF : 786500.9/25

In: 5790.507+/-1.859 χ^2/NDF : 194959.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5424.301+/-1.195 χ^2/NDF : 786500.9/25

asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1694.699+/-2655.779 χ^2/NDF : 11.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

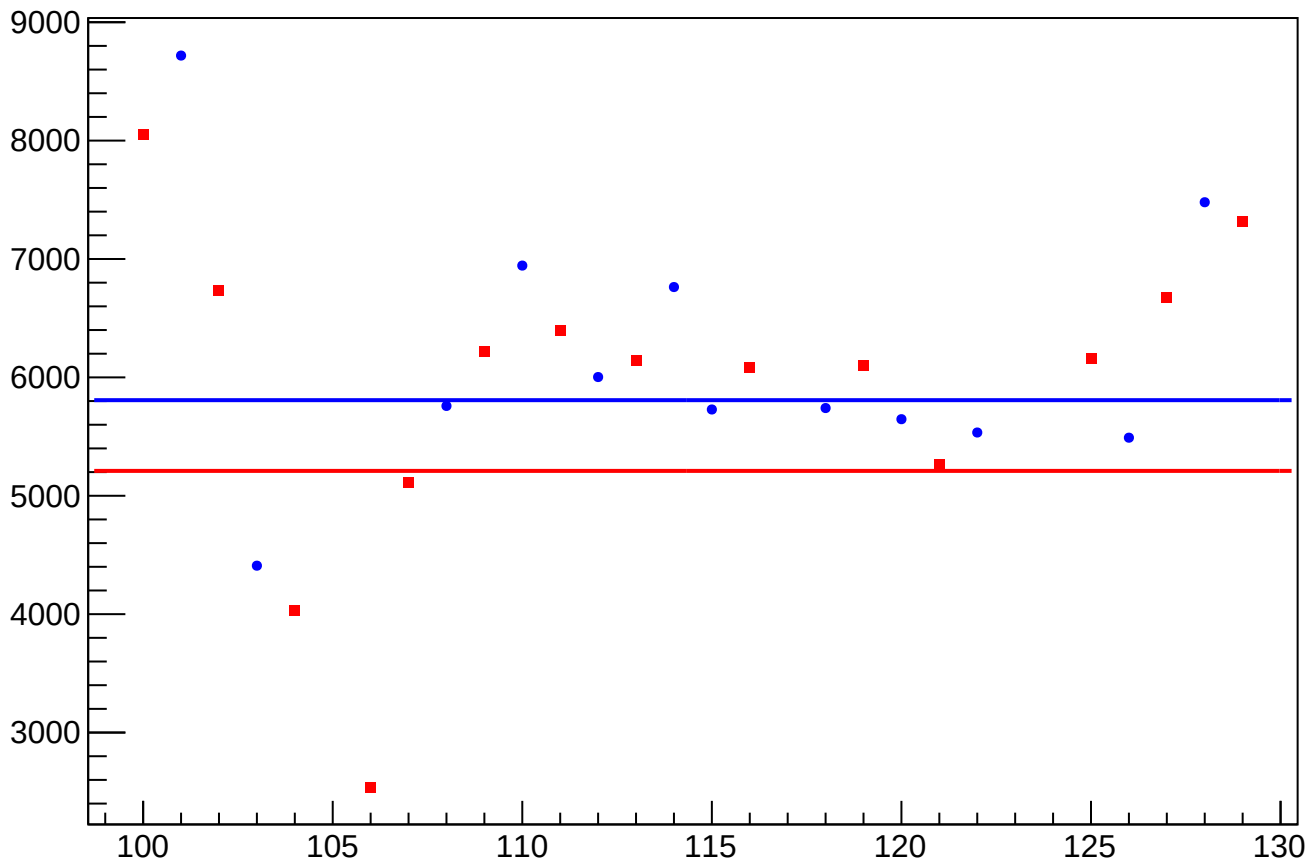
Right: -1531.623+/-1783.982 χ^2/NDF : 23.7/25

In: -1694.699+/-2655.779 χ^2/NDF : 11.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1531.623+/-1783.982 χ^2/NDF : 23.7/25

asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 5807.529+/-1.878 χ^2/NDF : 343349.6/11

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

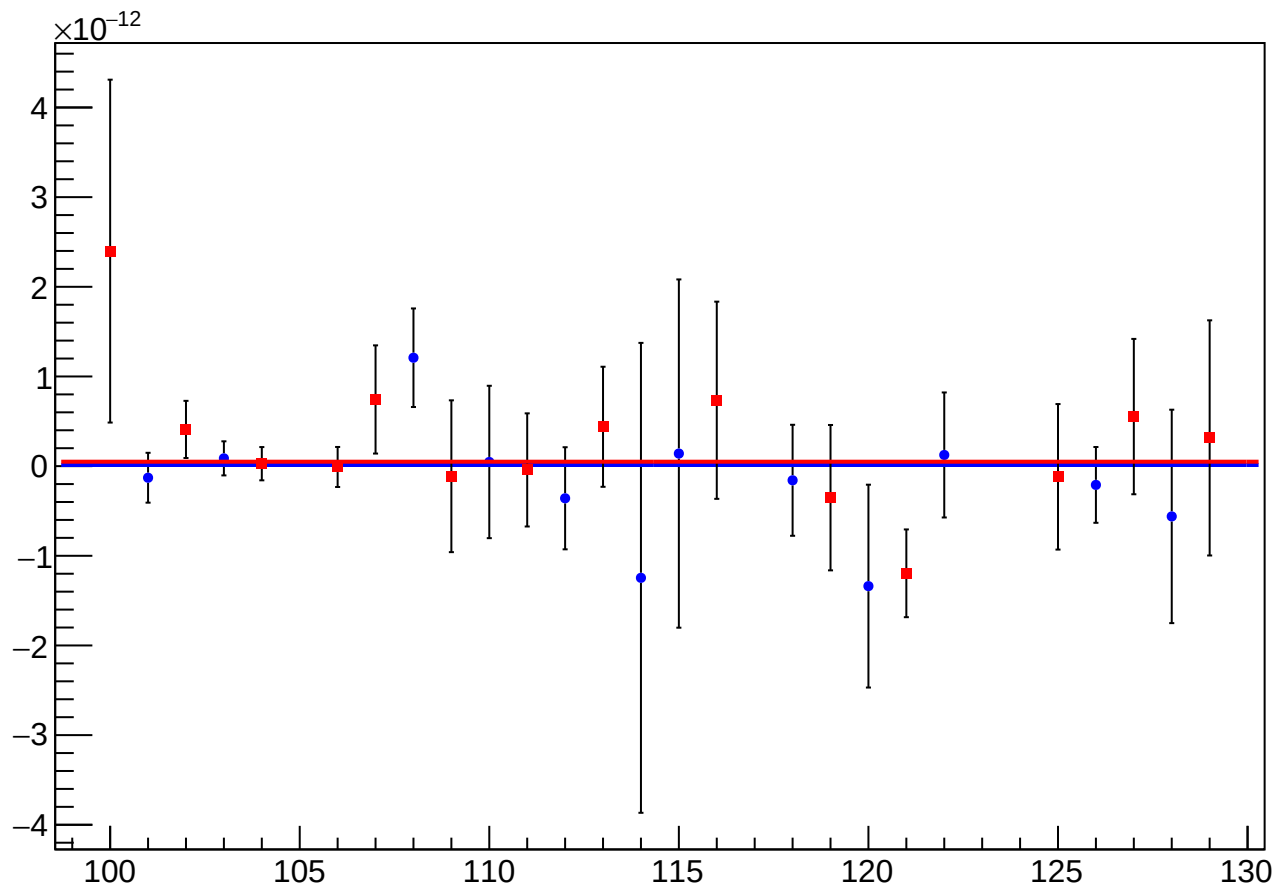
Right: 5467.196+/-1.232 χ^2/NDF : 1253181.3/25

In: 5807.529+/-1.878 χ^2/NDF :343349.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 5467.196+/-1.232 χ^2/NDF : 1253181.3/25

asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.1/13

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

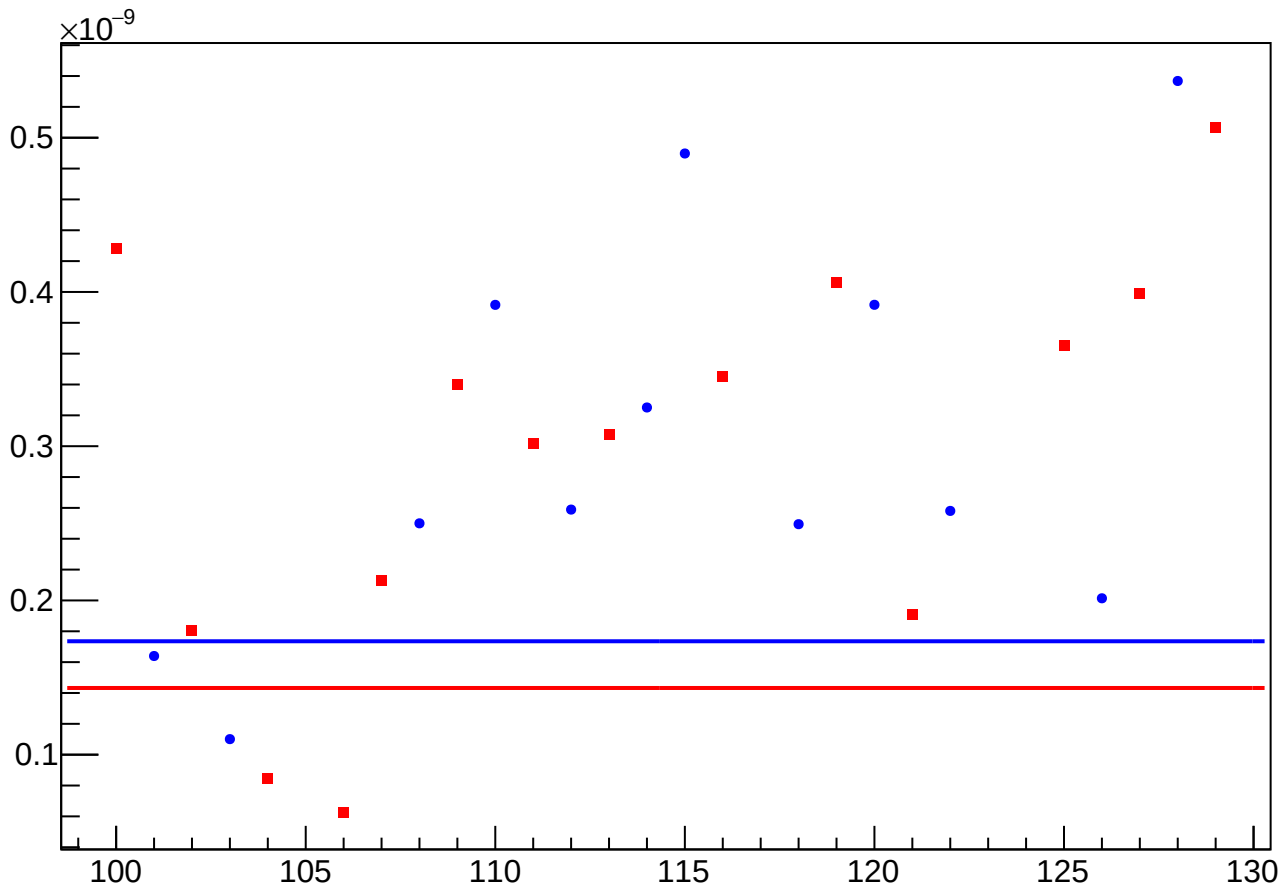
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 20.0/25

In: 0.000 $\pm$ 0.000 χ^2 /NDF:7.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 20.0/25

asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 829137.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

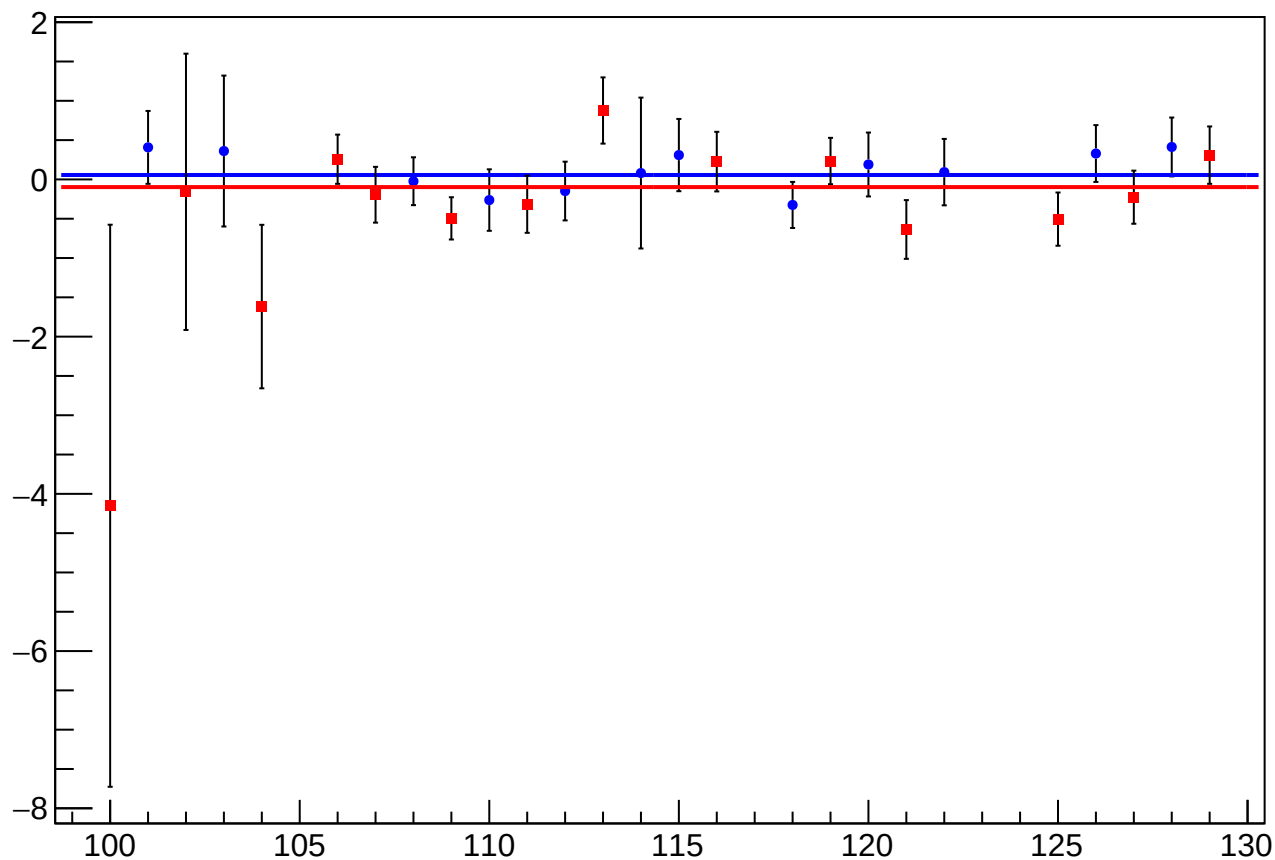
Right: 0.000+/-0.000 χ^2/NDF : 2583026.6/25

In: 0.000+/-0.000 χ^2/NDF : 829137.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2583026.6/25

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056+/-0.116 χ^2/NDF : 5.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.098+/-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

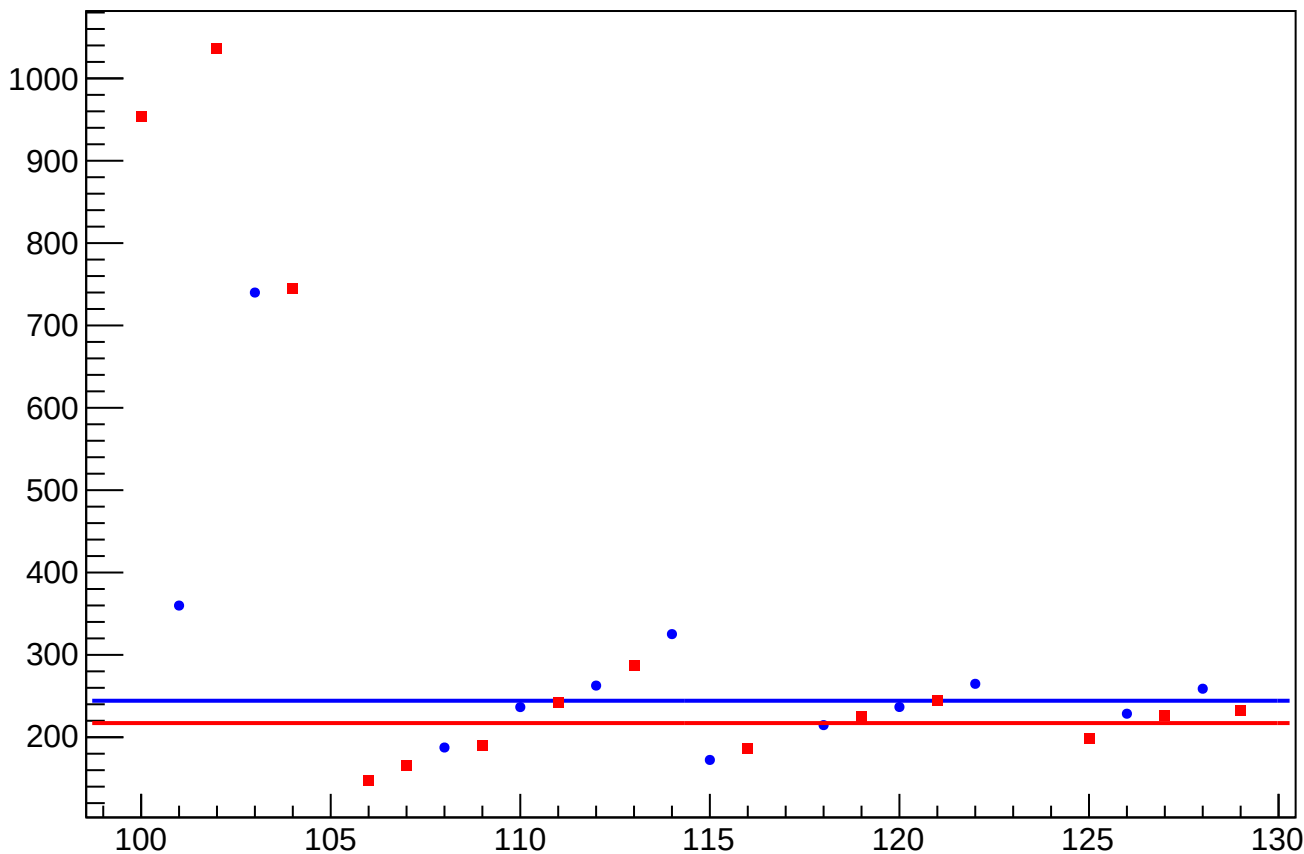
Right: -0.031+/-0.076 χ^2/NDF : 25.9/25

In: 0.056+/-0.116 χ^2/NDF : 5.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.031+/-0.076 χ^2/NDF : 25.9/25

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 244.308+/-0.082 χ^2/NDF : 828716.7/11

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

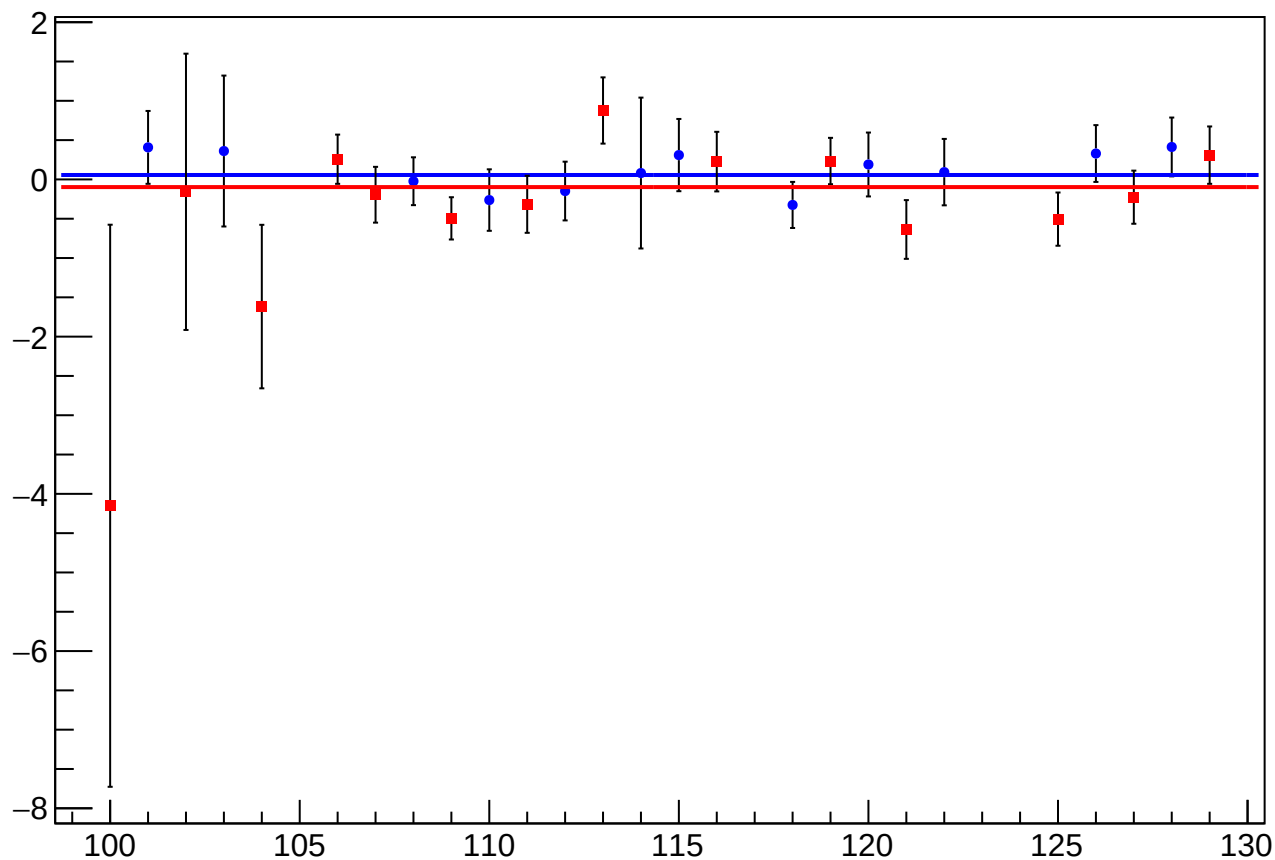
Right: 228.927+/-0.054 χ^2/NDF : 2188561.8/25

In: 244.308+/-0.082 χ^2/NDF : 828716.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.927+/-0.054 χ^2/NDF : 2188561.8/25

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056+/-0.116 χ^2/NDF : 5.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.098+/-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

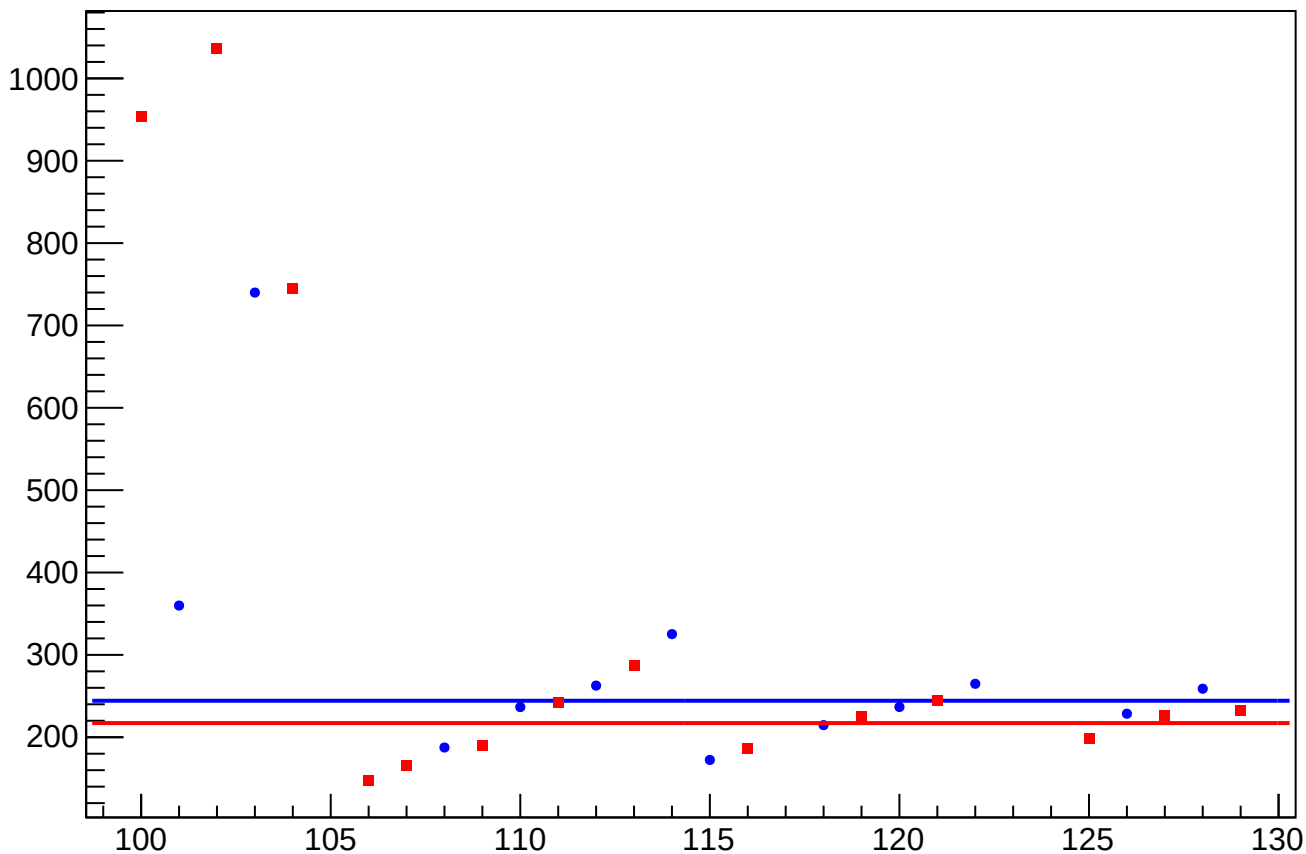
Right: -0.031+/-0.076 χ^2/NDF : 25.9/25

In: 0.056+/-0.116 χ^2/NDF : 5.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.031+/-0.076 χ^2/NDF : 25.9/25

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 244.308+/-0.082 χ^2/NDF : 828716.7/11

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

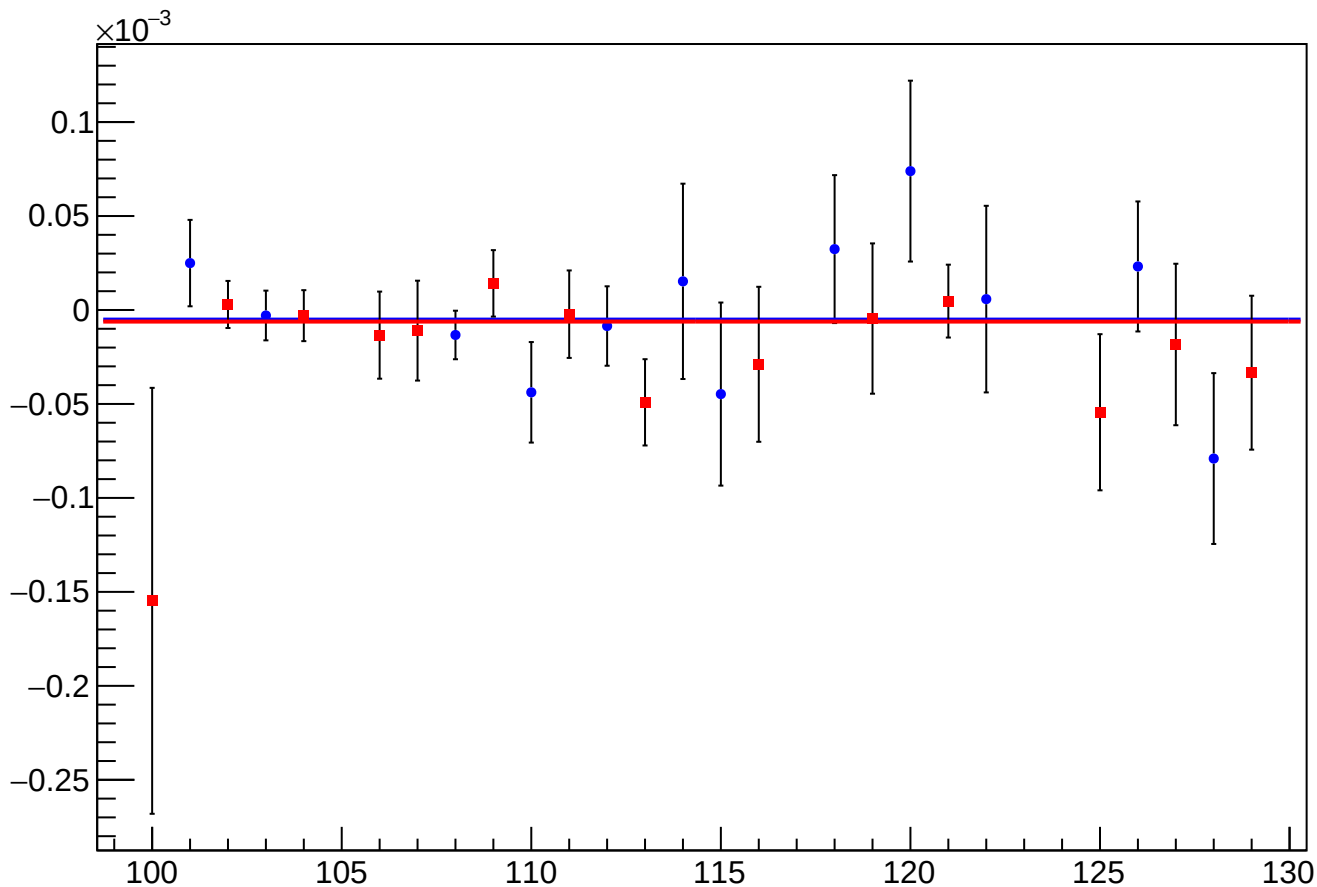
Right: 228.927+/-0.054 χ^2/NDF : 2188561.8/25

In: 244.308+/-0.082 χ^2/NDF : 828716.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.927+/-0.054 χ^2/NDF : 2188561.8/25

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: 12.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 9.8/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

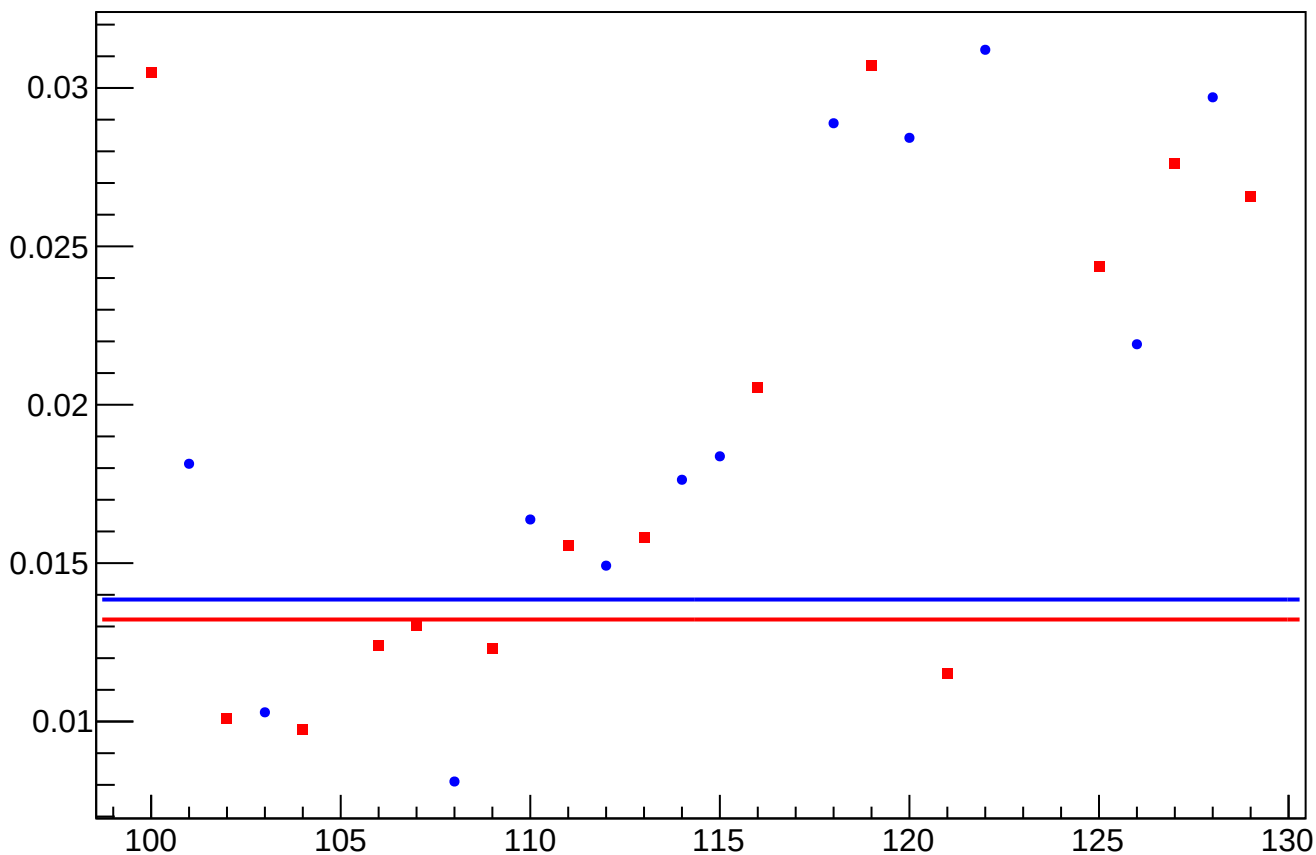
Right: -0.000+/-0.000 χ^2 /NDF: 21.8/25

In: -0.000+/-0.000 χ^2 /NDF:12.0/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 21.8/25

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 : 1732431.4/11

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

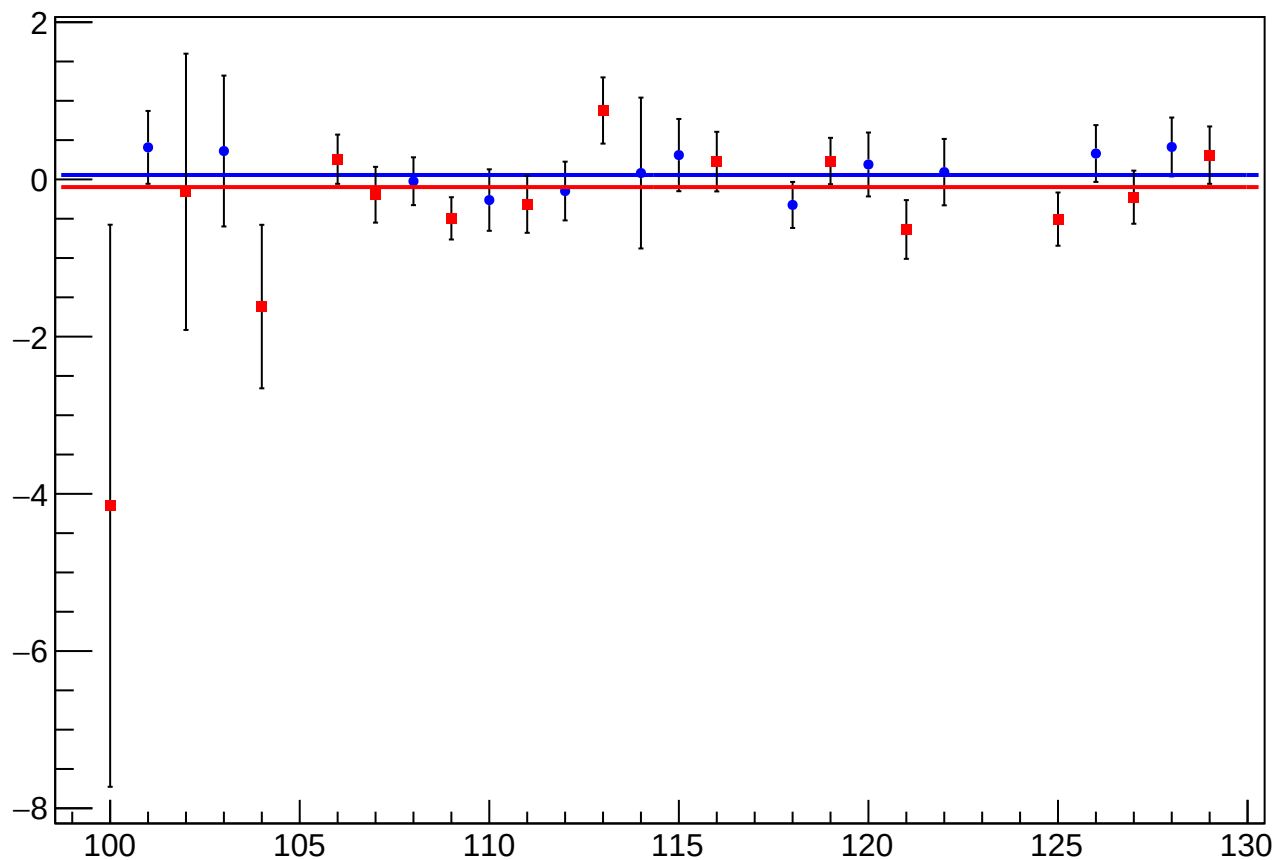
Right: 0.013+/-0.000 χ^2/NDF : 3139052.2/25

In: 0.014+/-0.000 χ^2/NDF : 1732431.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 3139052.2/25

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056+/-0.116 χ^2/NDF : 5.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.098+/-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

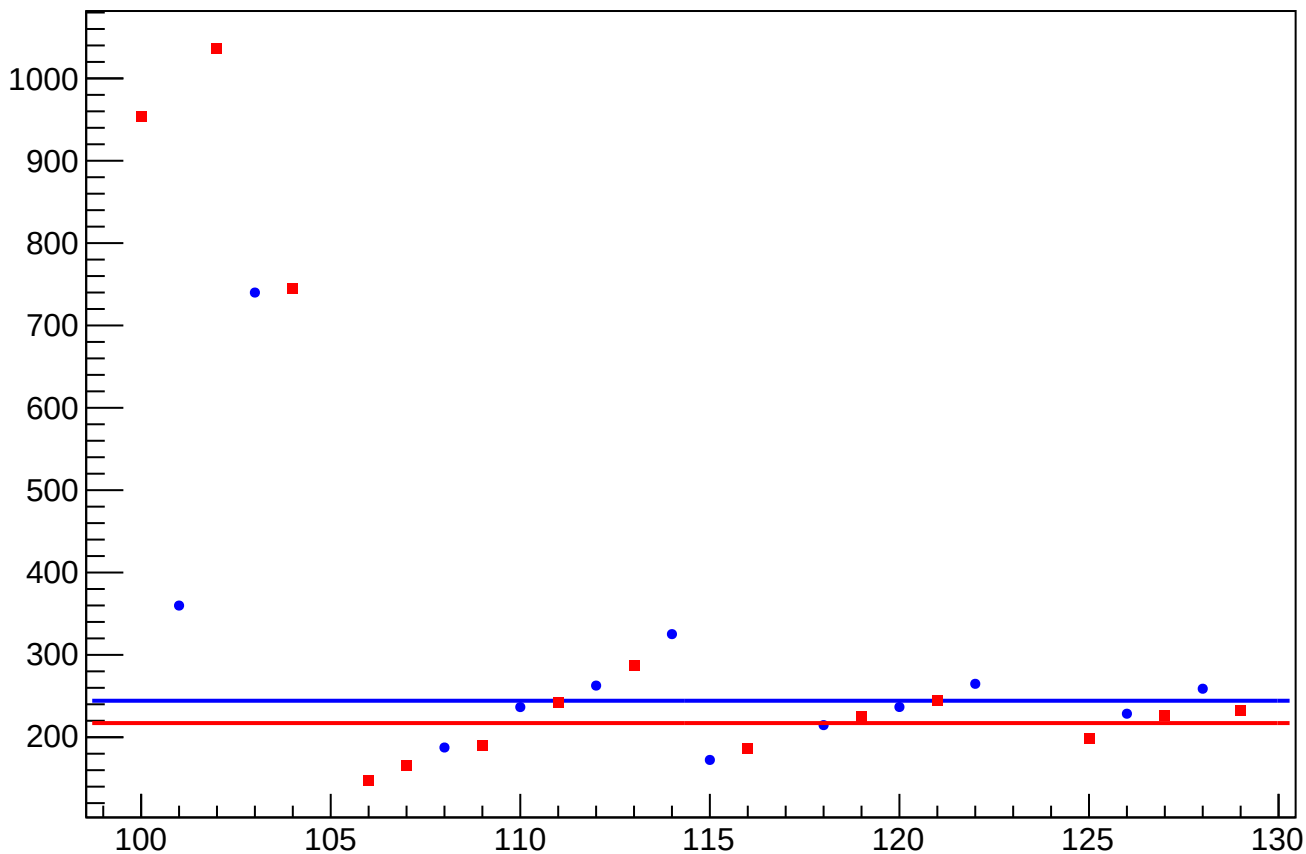
Right: -0.031+/-0.076 χ^2/NDF : 25.9/25

In: 0.056+/-0.116 χ^2/NDF : 5.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.031+/-0.076 χ^2/NDF : 25.9/25

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 244.308+/-0.082 χ^2/NDF : 828699.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

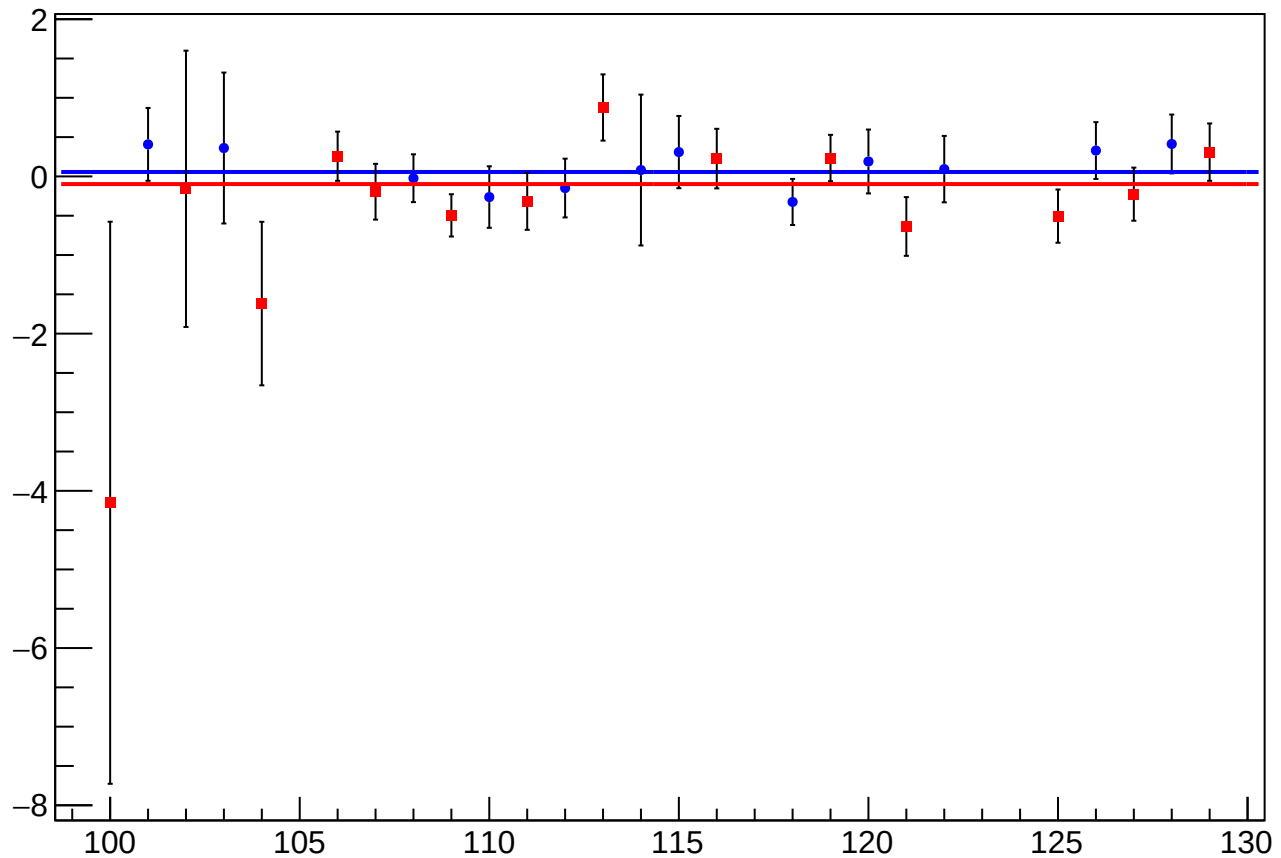
Right: 228.928+/-0.054 χ^2/NDF : 2188536.3/25

In: 244.308+/-0.082 χ^2/NDF : 828699.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.928+/-0.054 χ^2/NDF : 2188536.3/25

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056+/-0.116 χ^2/NDF : 5.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.098+/-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

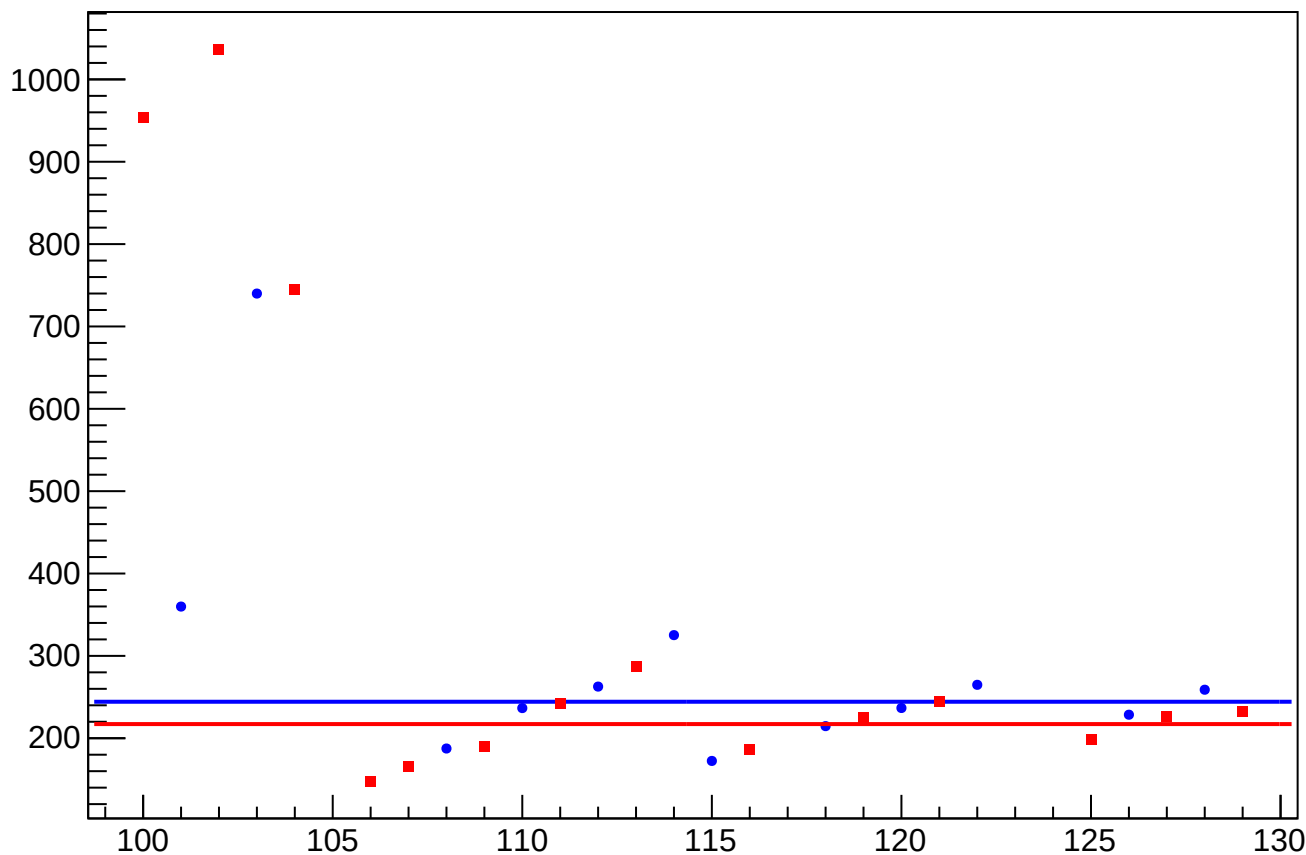
Right: -0.031+/-0.076 χ^2/NDF : 25.9/25

In: 0.056+/-0.116 χ^2/NDF : 5.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.031+/-0.076 χ^2/NDF : 25.9/25

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 244.308+/-0.082 χ^2/NDF : 828699.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

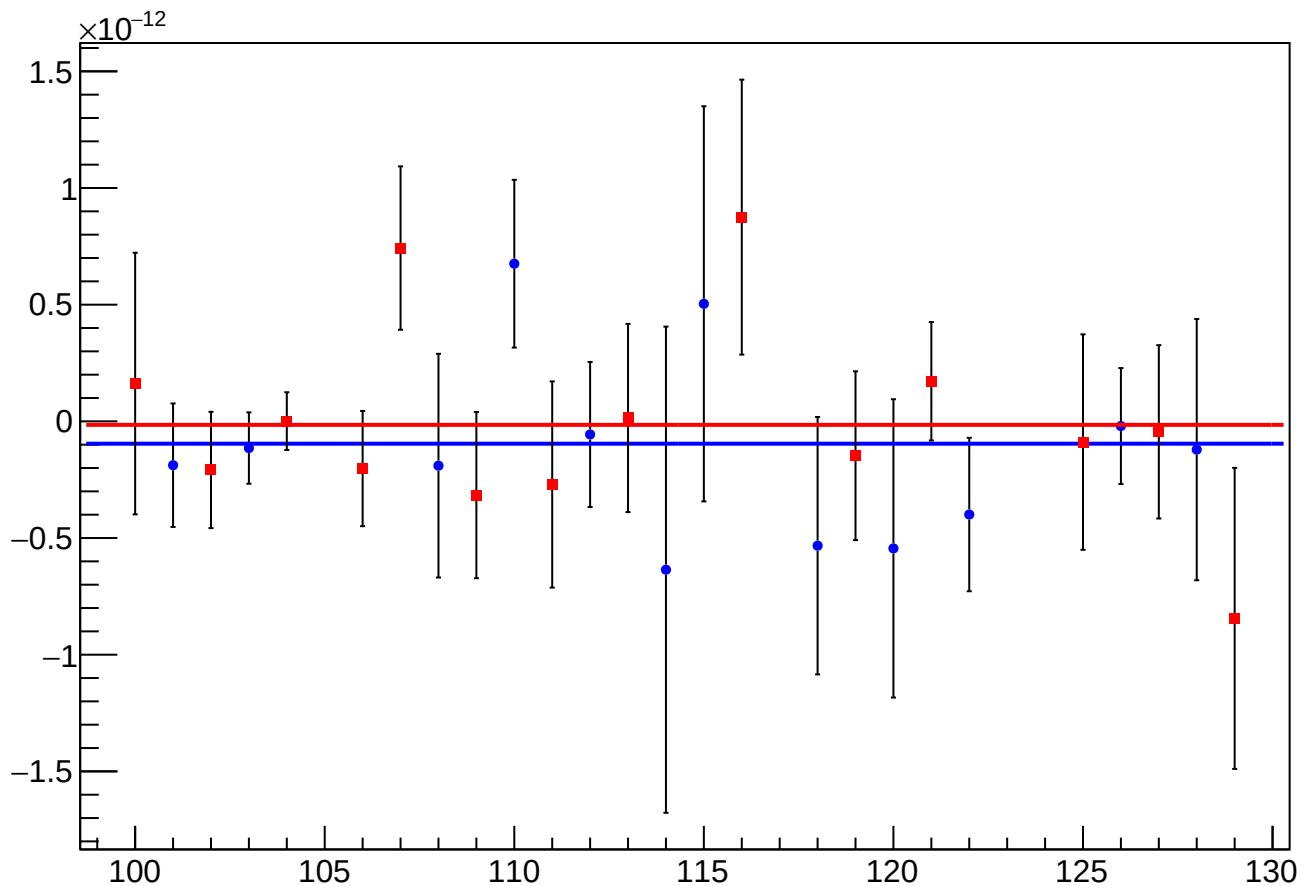
Right: 228.928+/-0.054 χ^2/NDF : 2188536.3/25

In: 244.308+/-0.082 χ^2/NDF : 828699.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.928+/-0.054 χ^2/NDF : 2188536.3/25

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: 7.6/11

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

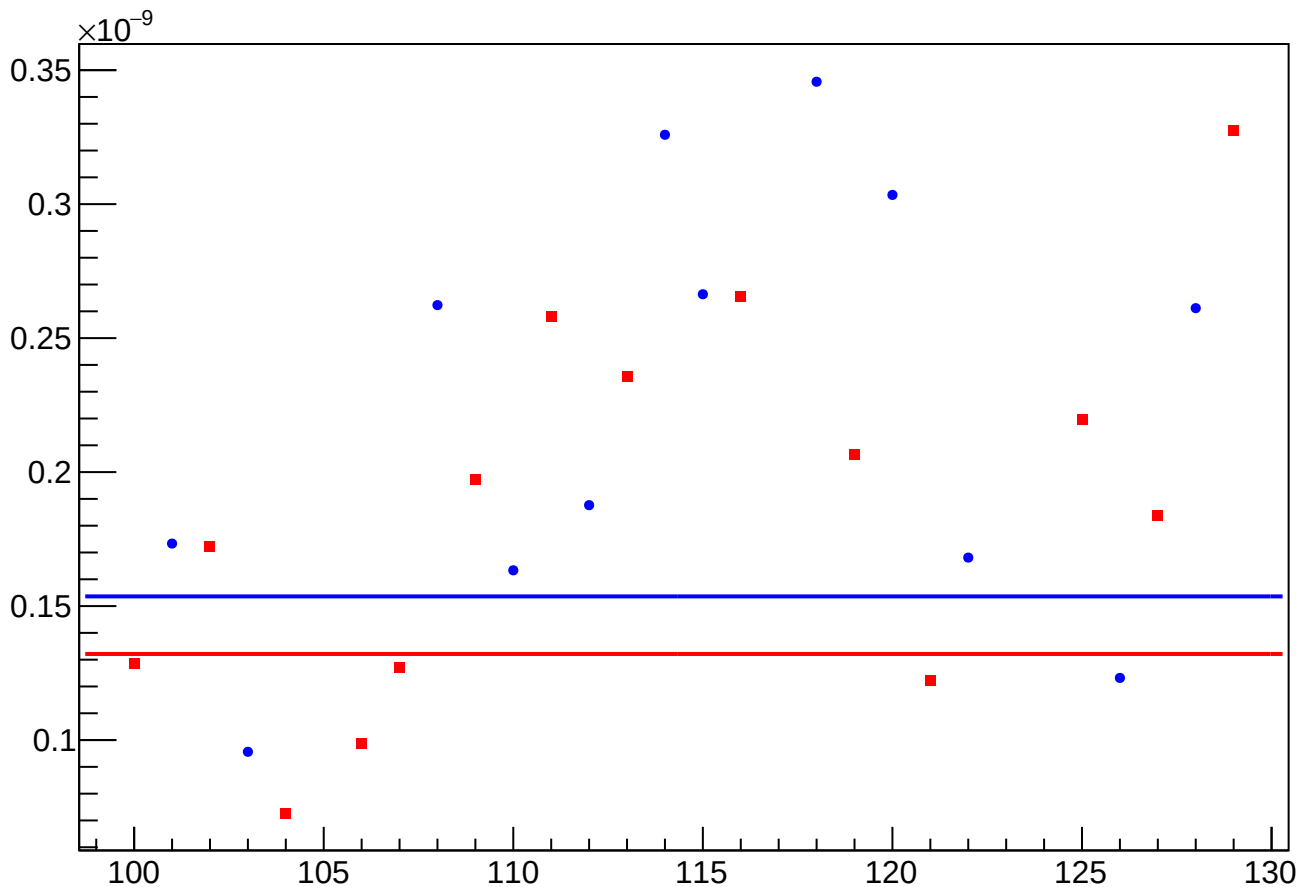
Right: -0.000+/-0.000 χ^2 /NDF: 19.8/25

In: -0.000+/-0.000 χ^2 /NDF:7.6/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 19.8/25

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 : 977422.4/11

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

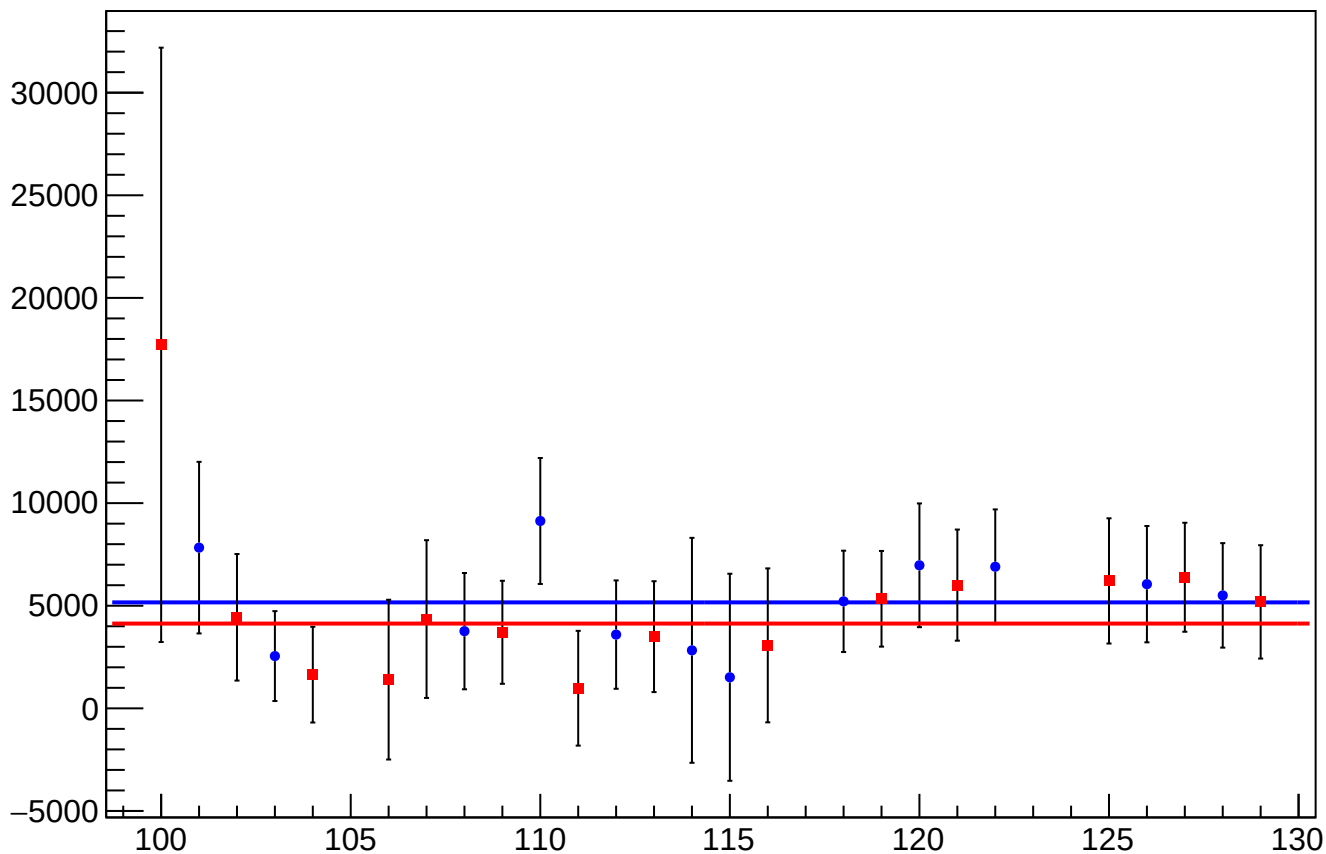
Right: 0.000+/-0.000 χ^2/NDF : 2439165.6/25

In: 0.000+/-0.000 χ^2/NDF : 977422.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2439165.6/25

reg_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5163.621+/-847.142 χ^2/NDF : 5.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

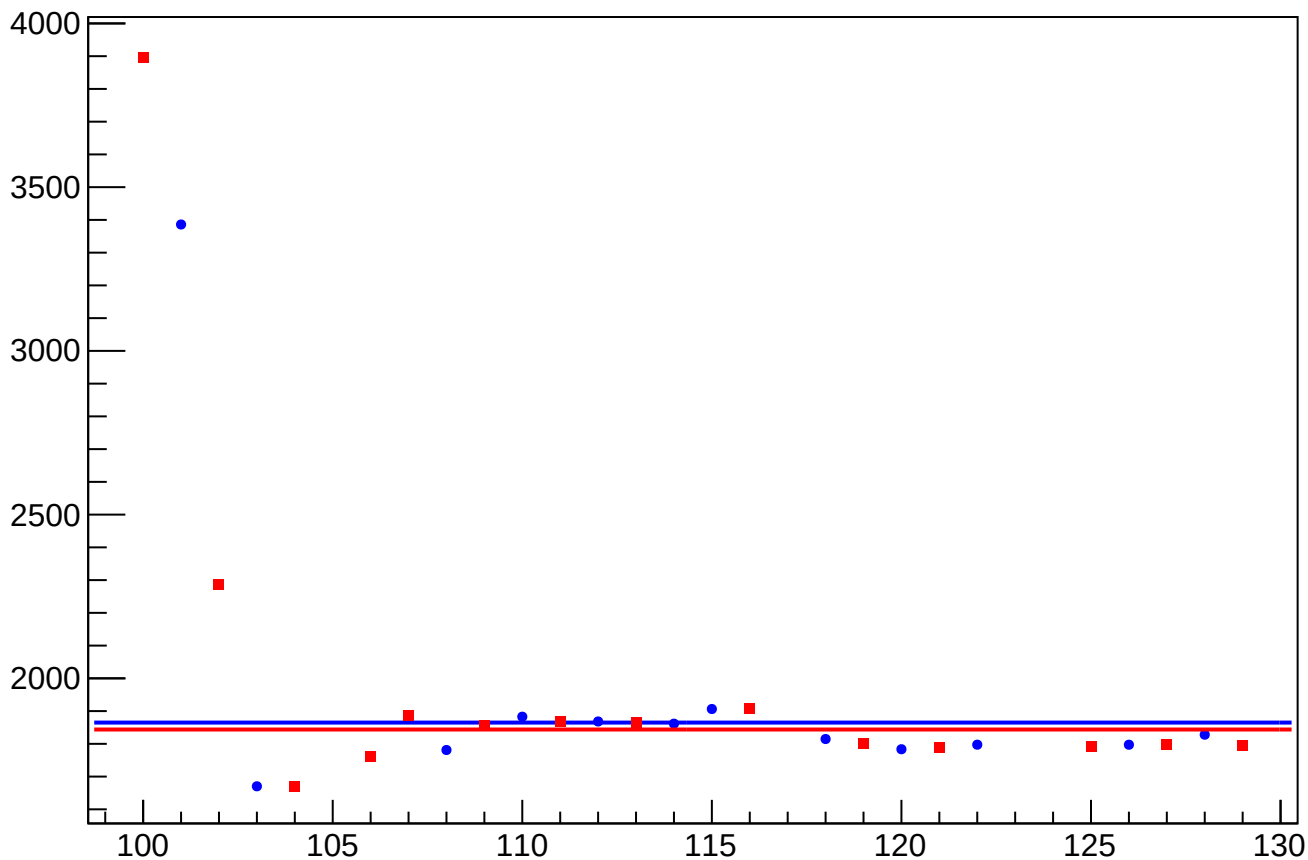
Right: 4608.312+/-575.784 χ^2/NDF : 12.5/25

In: 5163.621+/-847.142 χ^2/NDF : 5.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4608.312+/-575.784 χ^2/NDF : 12.5/25

reg_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1864.915+/-0.599 χ^2/NDF : 287565.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

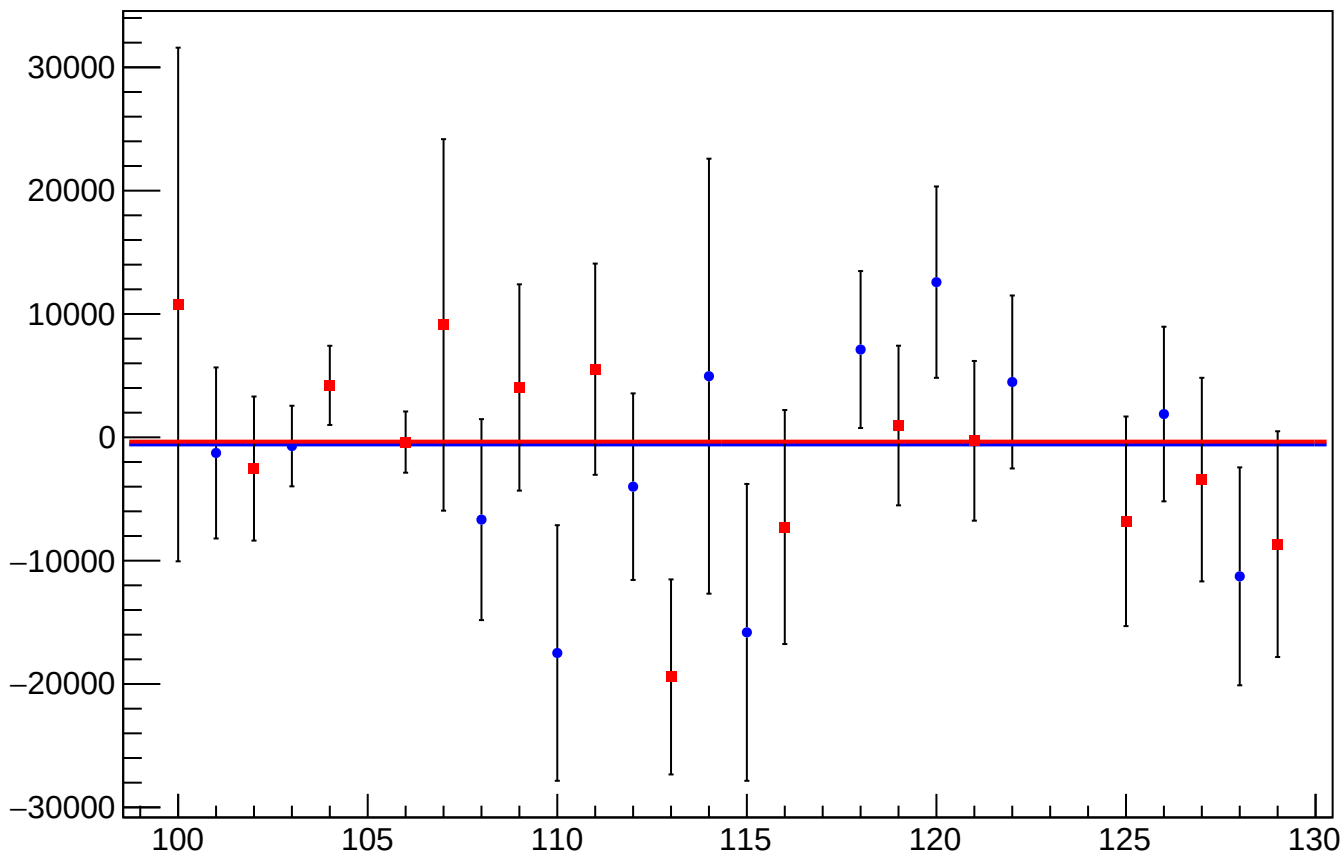
Right: 1853.475+/-0.406 χ^2/NDF : 386265.9/25

In: 1864.915+/-0.599 χ^2/NDF : 287565.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1853.475+/-0.406 χ^2/NDF : 386265.9/25

asym_us_avg_atlr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -573.853+/-1957.949 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

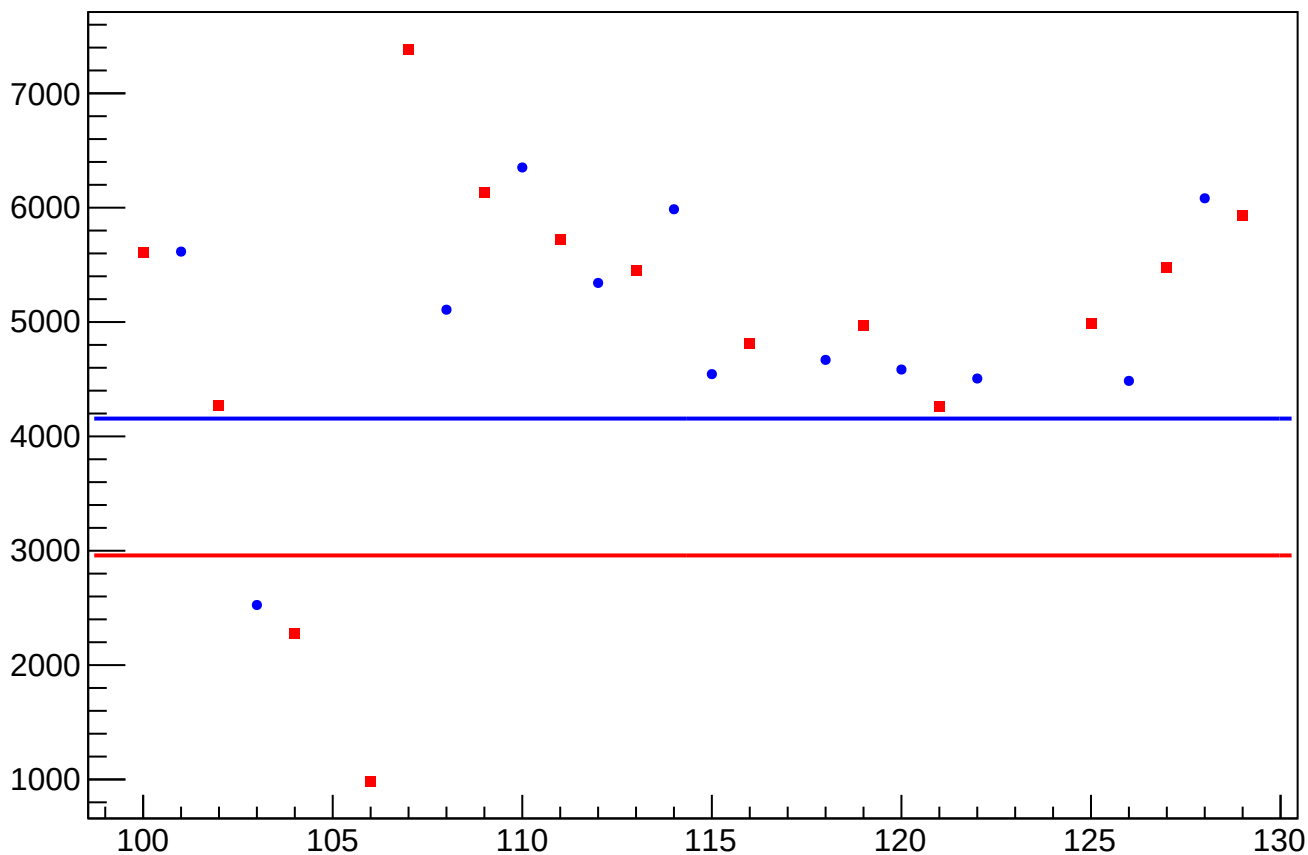
Right: -432.794+/-1195.552 χ^2/NDF : 23.1/25

In: -573.853+/-1957.949 χ^2/NDF : 11.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -432.794+/-1195.552 χ^2/NDF : 23.1/25

asym_us_avg_atlr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 4155.783+/-1.384 χ^2/NDF : 900010.4/11

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

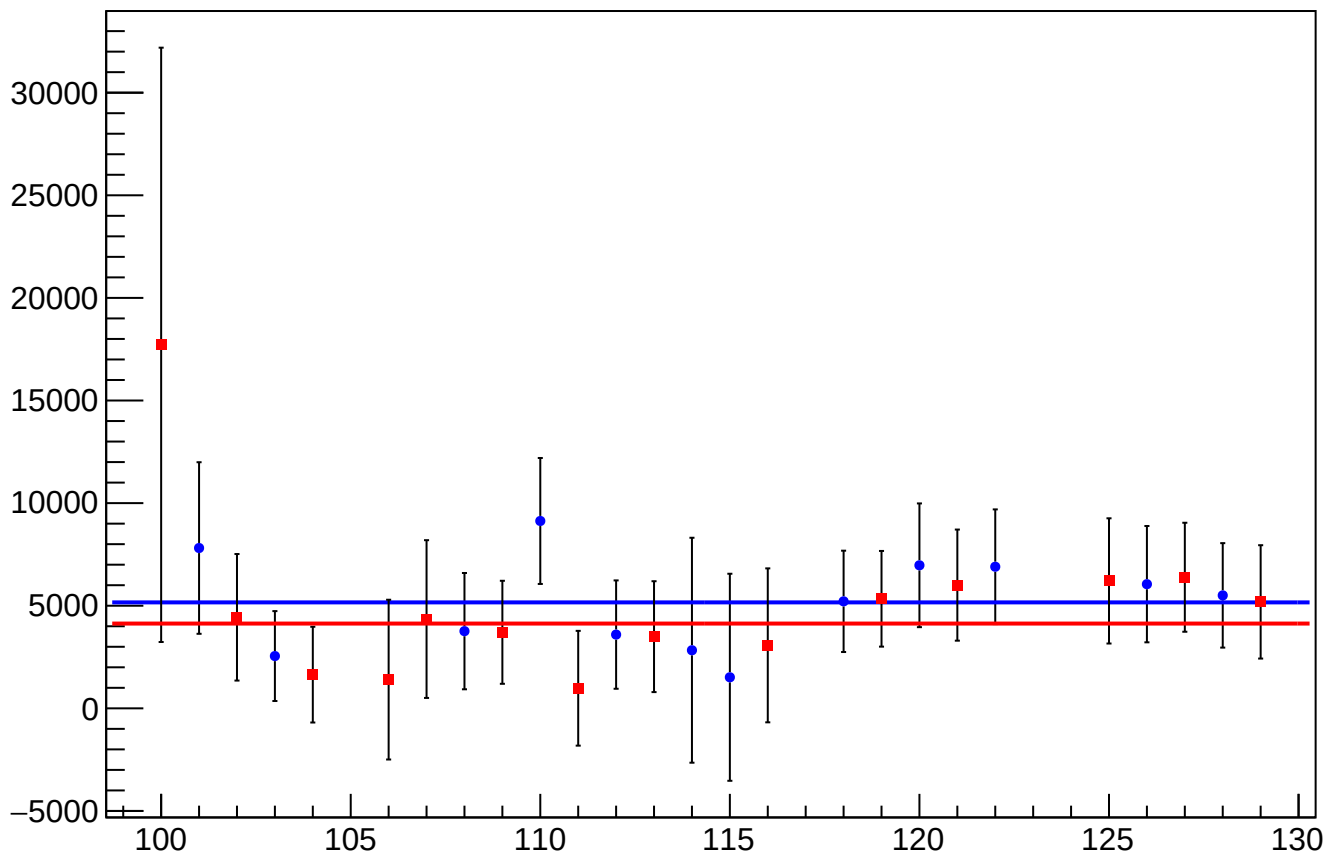
Right: 3405.238+/-0.845 χ^2/NDF : 4590053.9/25

In: 4155.783+/-1.384 χ^2/NDF : 900010.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3405.238+/-0.845 χ^2/NDF : 4590053.9/25

cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5163.046+/-847.142 χ^2/NDF : 5.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

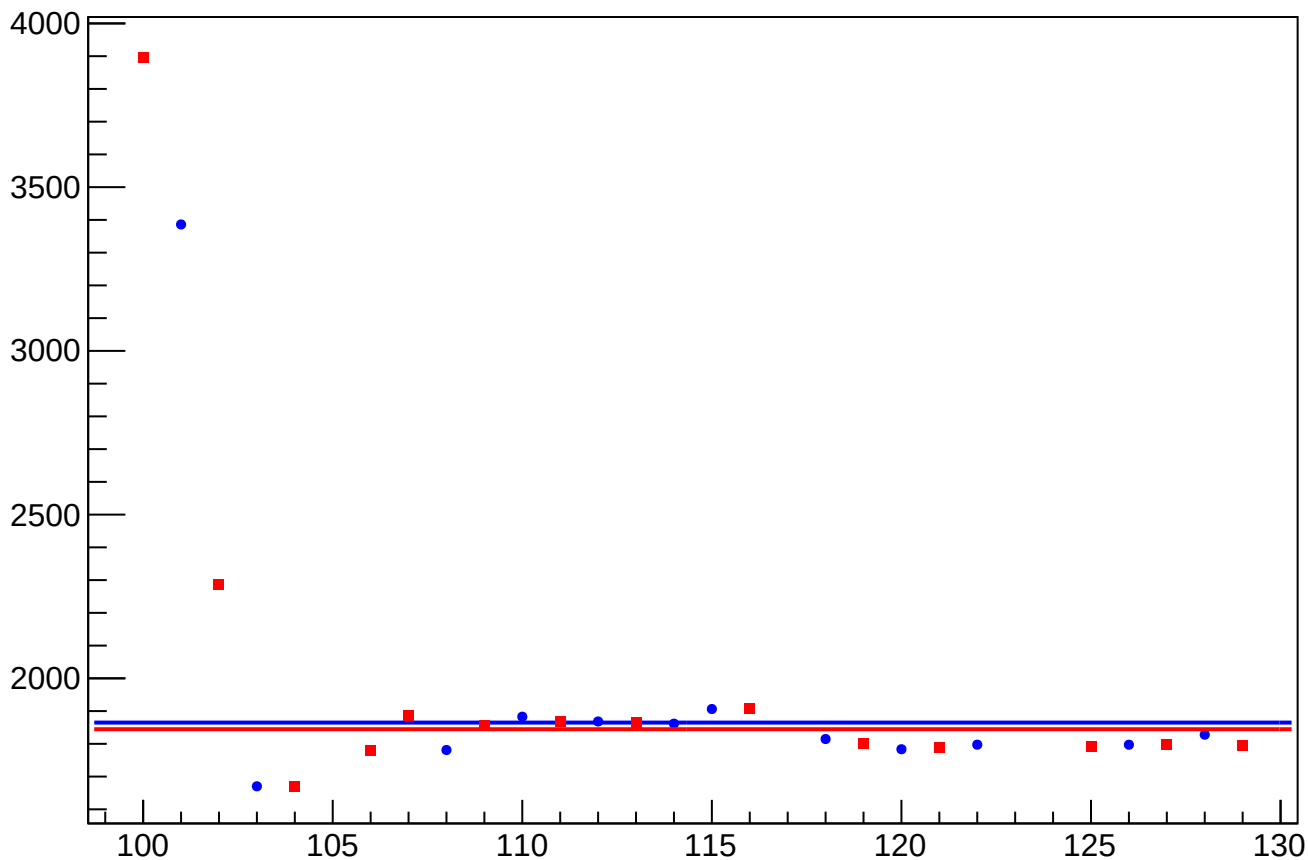
Right: 4607.897+/-575.784 χ^2/NDF : 12.5/25

In: 5163.046+/-847.142 χ^2/NDF : 5.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4607.897+/-575.784 χ^2/NDF : 12.5/25

cor_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1864.914+/-0.599 χ^2/NDF : 287567.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

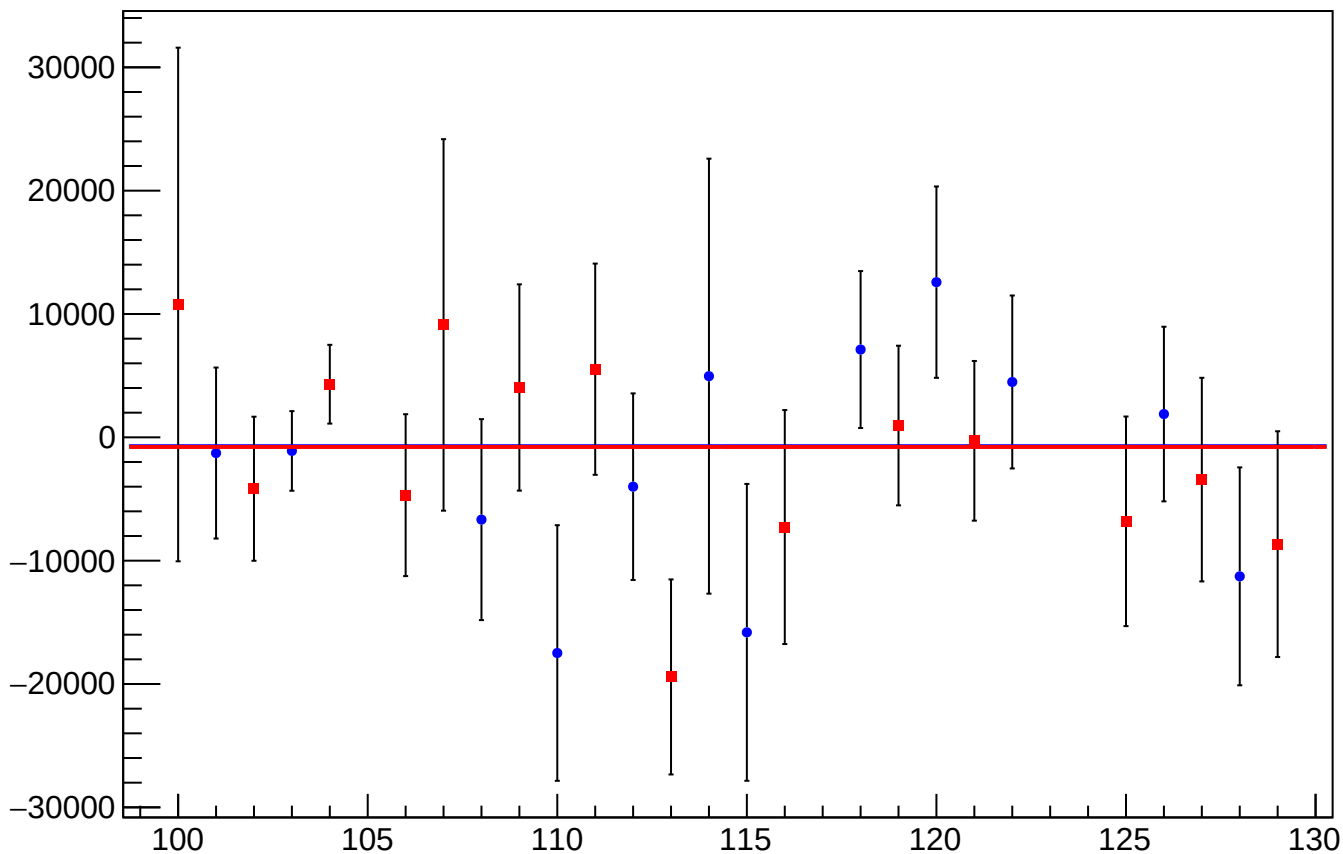
Right: 1853.959+/-0.406 χ^2/NDF : 385798.2/25

In: 1864.914+/-0.599 χ^2/NDF : 287567.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1853.959+/-0.406 χ^2/NDF : 385798.2/25

asym_us_avg_atlr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -719.410+/-1949.342 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

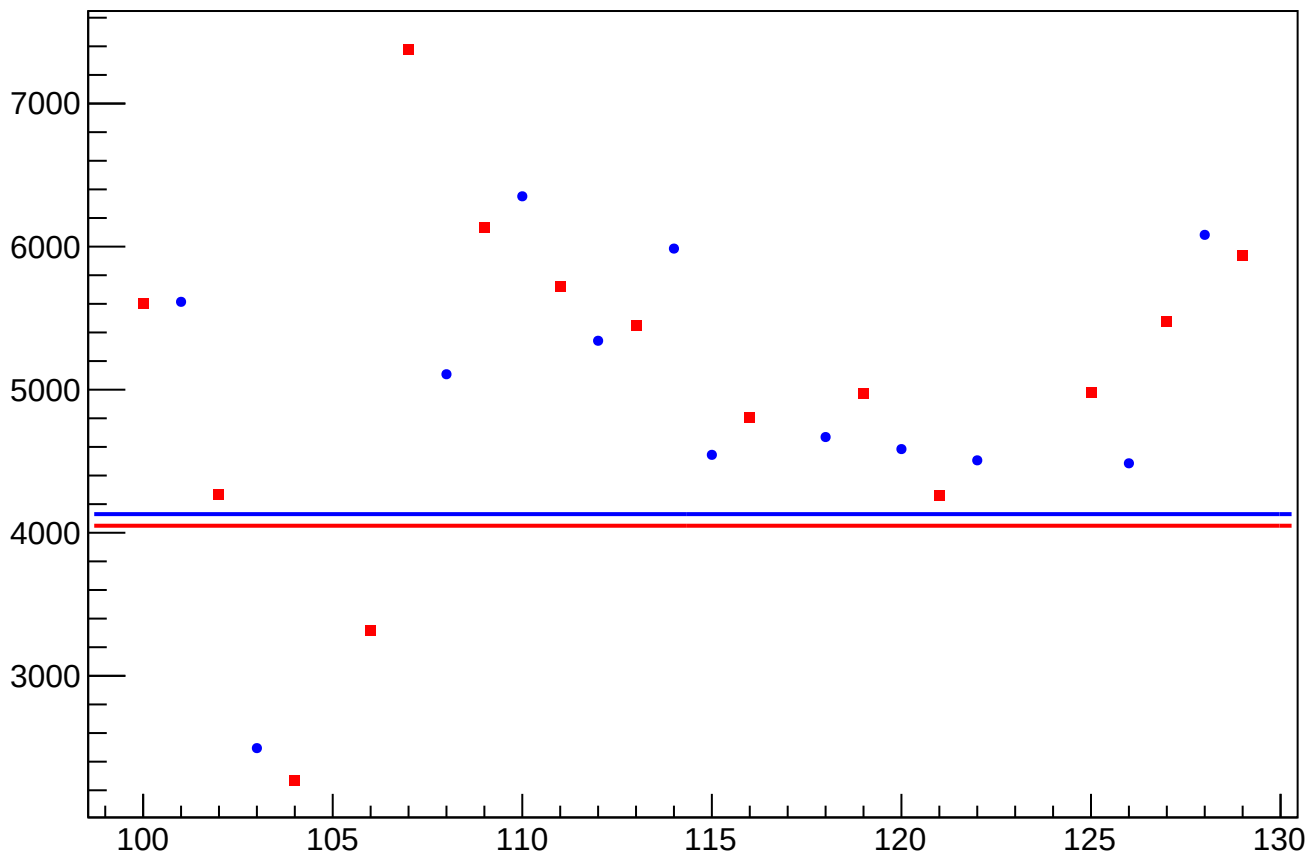
Right: -750.752+/-1331.903 χ^2/NDF : 23.9/25

In: -719.410+/-1949.342 χ^2/NDF :11.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -750.752+/-1331.903 χ^2/NDF : 23.9/25

asym_us_avg_atlr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 4130.229+/-1.378 χ^2/NDF : 931217.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

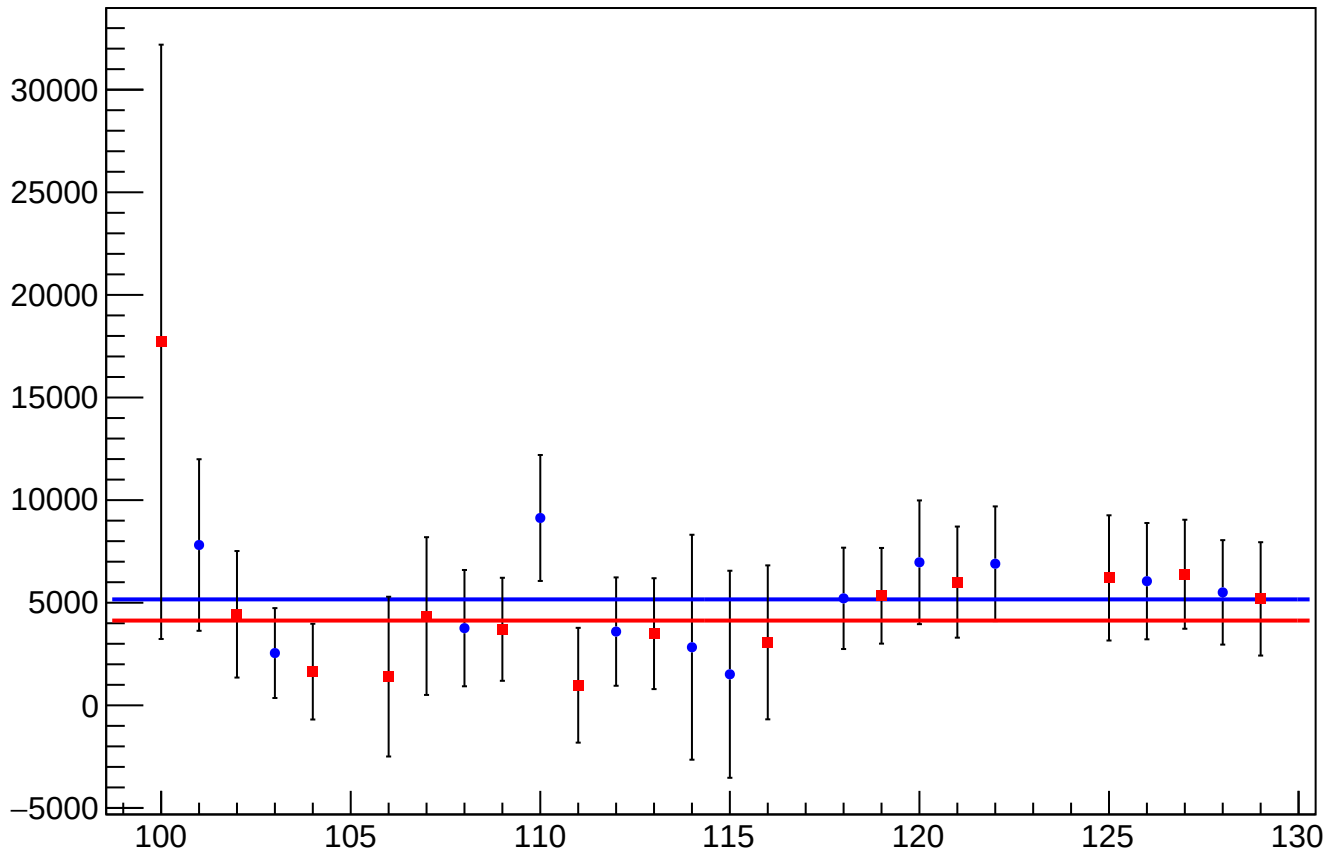
Right: 4086.967+/-0.942 χ^2/NDF : 2178802.0/25

In: 4130.229+/-1.378 χ^2/NDF : 931217.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4086.967+/-0.942 χ^2/NDF : 2178802.0/25

eigen_cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5163.046+/-847.142 χ^2/NDF : 5.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

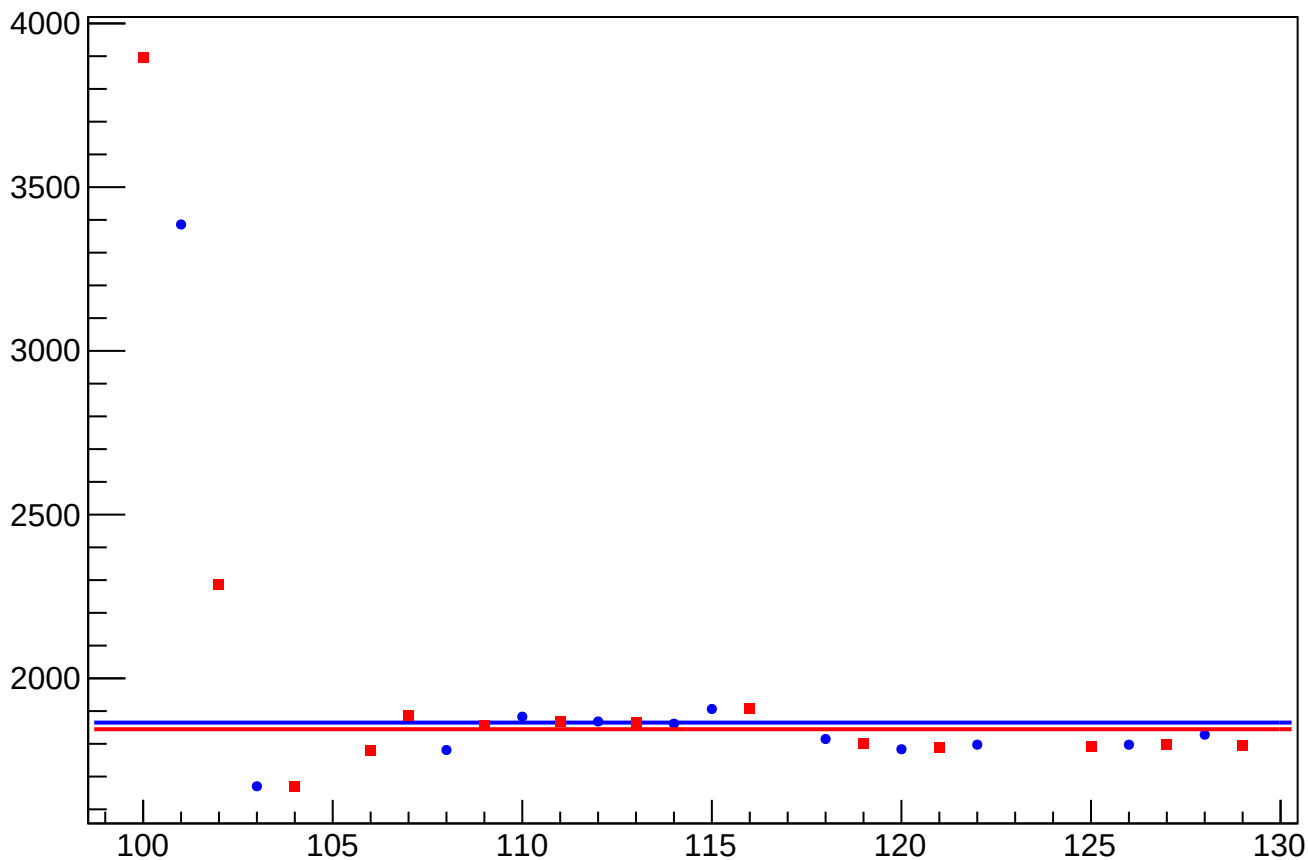
Right: 4607.897+/-575.784 χ^2/NDF : 12.5/25

In: 5163.046+/-847.142 χ^2/NDF : 5.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4607.897+/-575.784 χ^2/NDF : 12.5/25

eigen_cor_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1864.914+/-0.599 χ^2/NDF : 287567.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

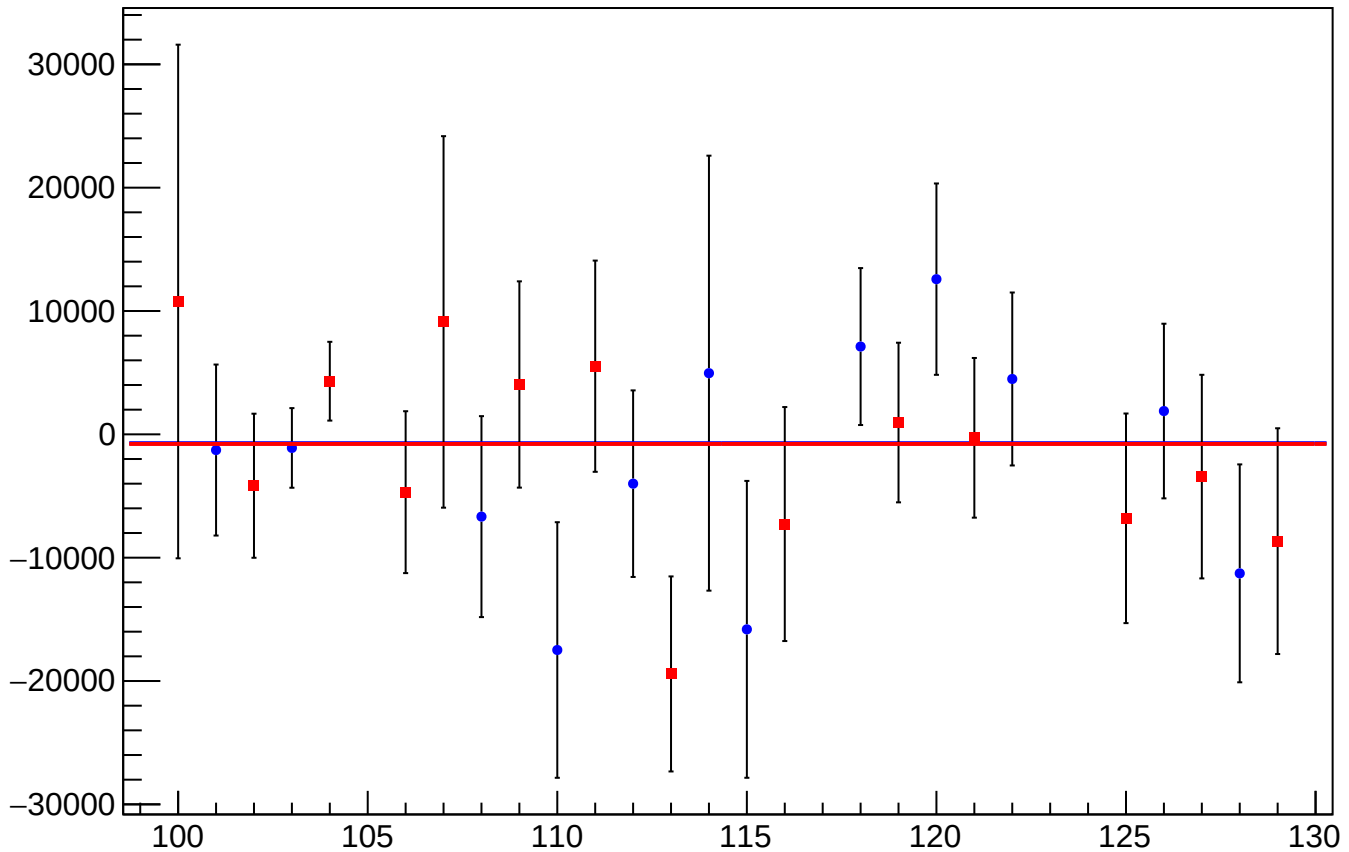
Right: 1853.959+/-0.406 χ^2/NDF : 385798.2/25

In: 1864.914+/-0.599 χ^2/NDF : 287567.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1853.959+/-0.406 χ^2/NDF : 385798.2/25

asym_us_avg_atlr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -719.410+/-1949.342 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

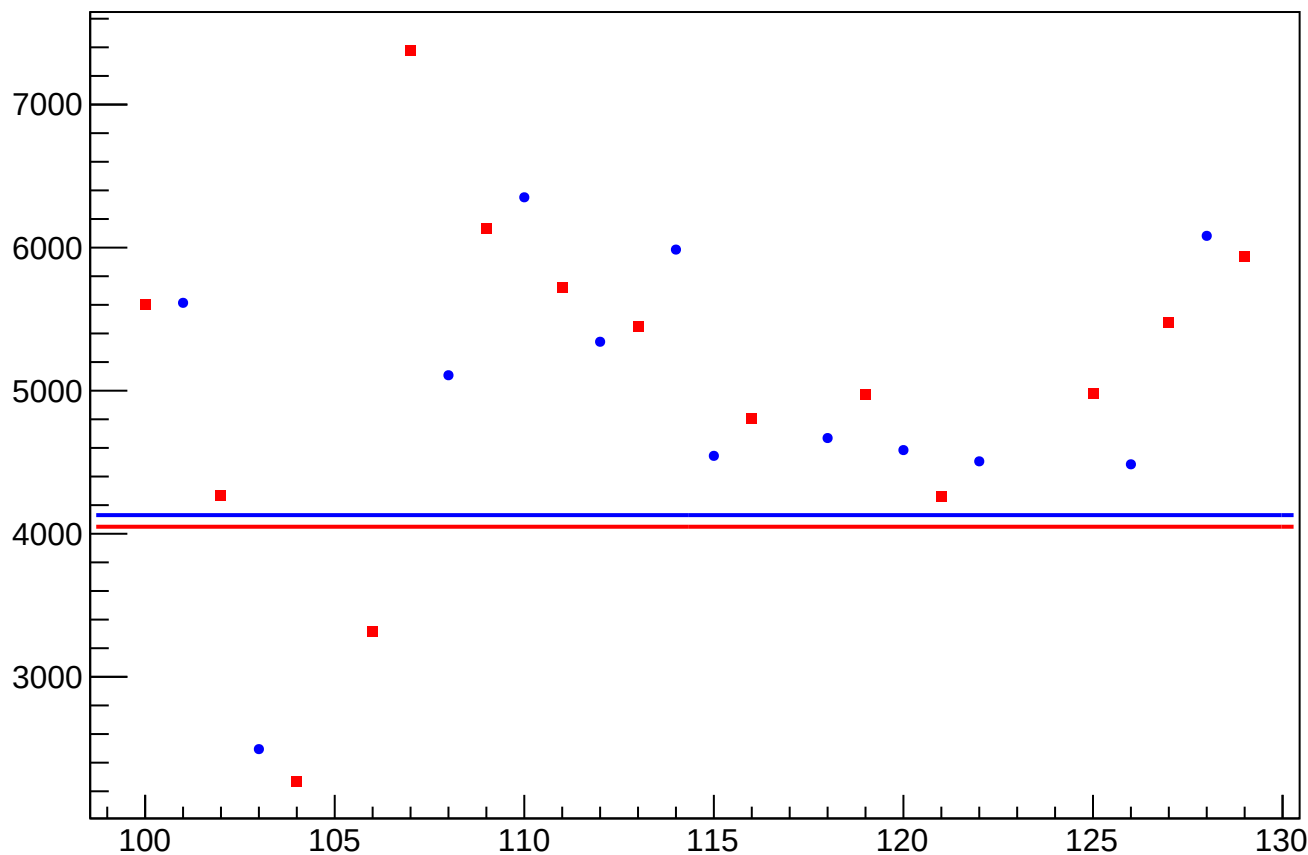
Right: -750.752+/-1331.903 χ^2/NDF : 23.9/25

In: -719.410+/-1949.342 χ^2/NDF : 11.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -750.752+/-1331.903 χ^2/NDF : 23.9/25

asym_us_avg_atlr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4130.229+/-1.378 χ^2/NDF : 931217.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

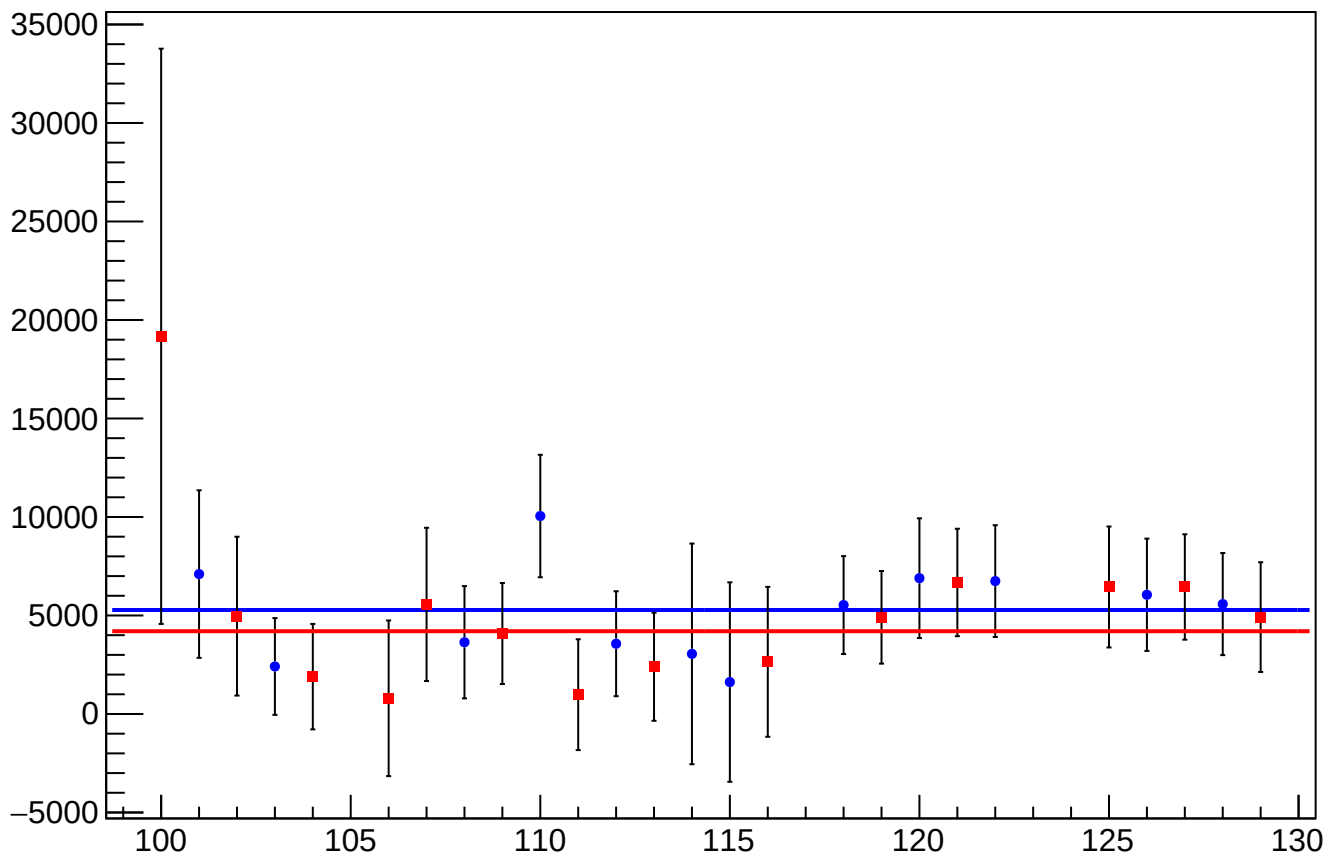
Right: 4086.967+/-0.942 χ^2/NDF : 2178802.0/25

In: 4130.229+/-1.378 χ^2/NDF : 931217.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4086.967+/-0.942 χ^2/NDF : 2178802.0/25

dit_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5278.835+/-868.429 χ^2/NDF : 6.0/11

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

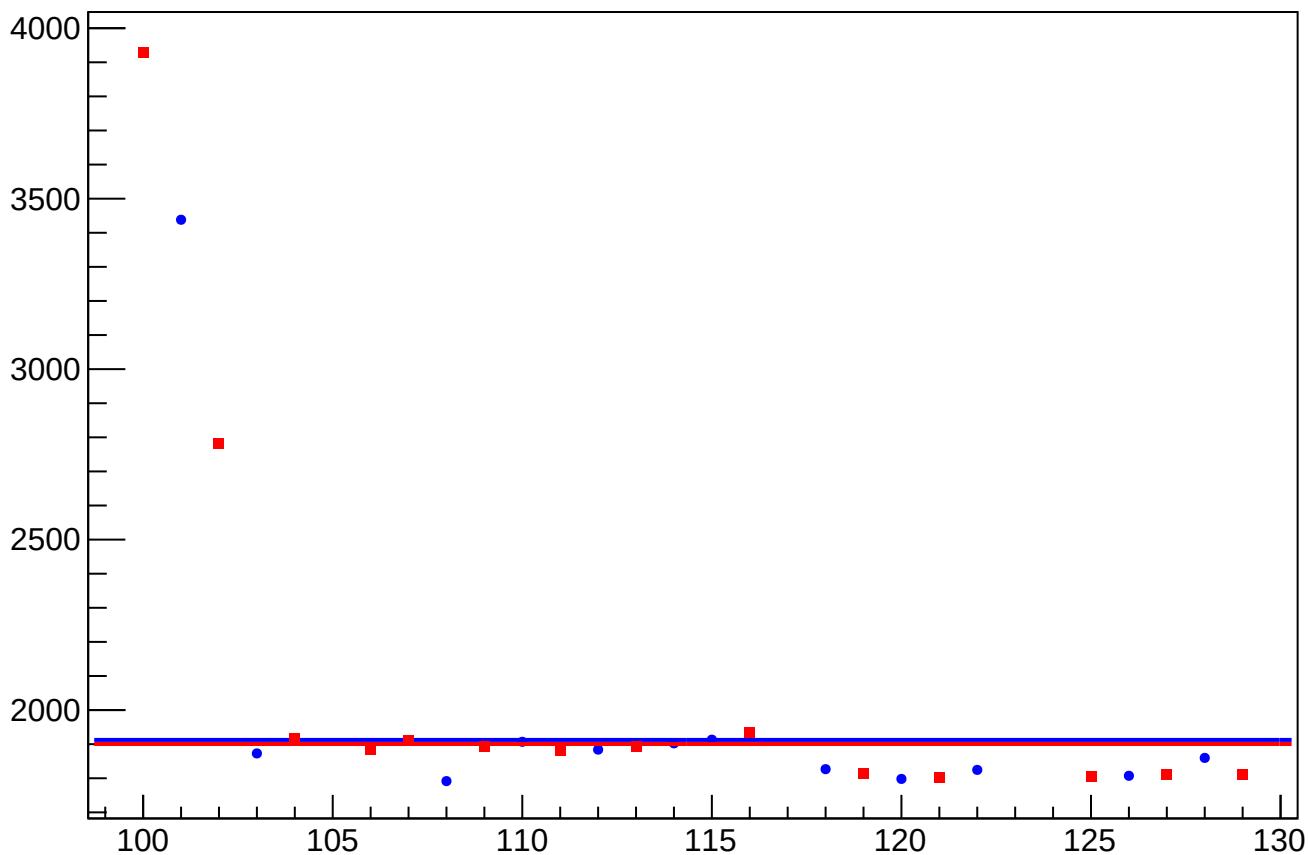
Right: 4705.774+/-594.143 χ^2/NDF : 13.6/25

In: 5278.835+/-868.429 χ^2/NDF : 6.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4705.774+/-594.143 χ^2/NDF : 13.6/25

dit_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1912.490+/-0.614 χ^2/NDF : 272381.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

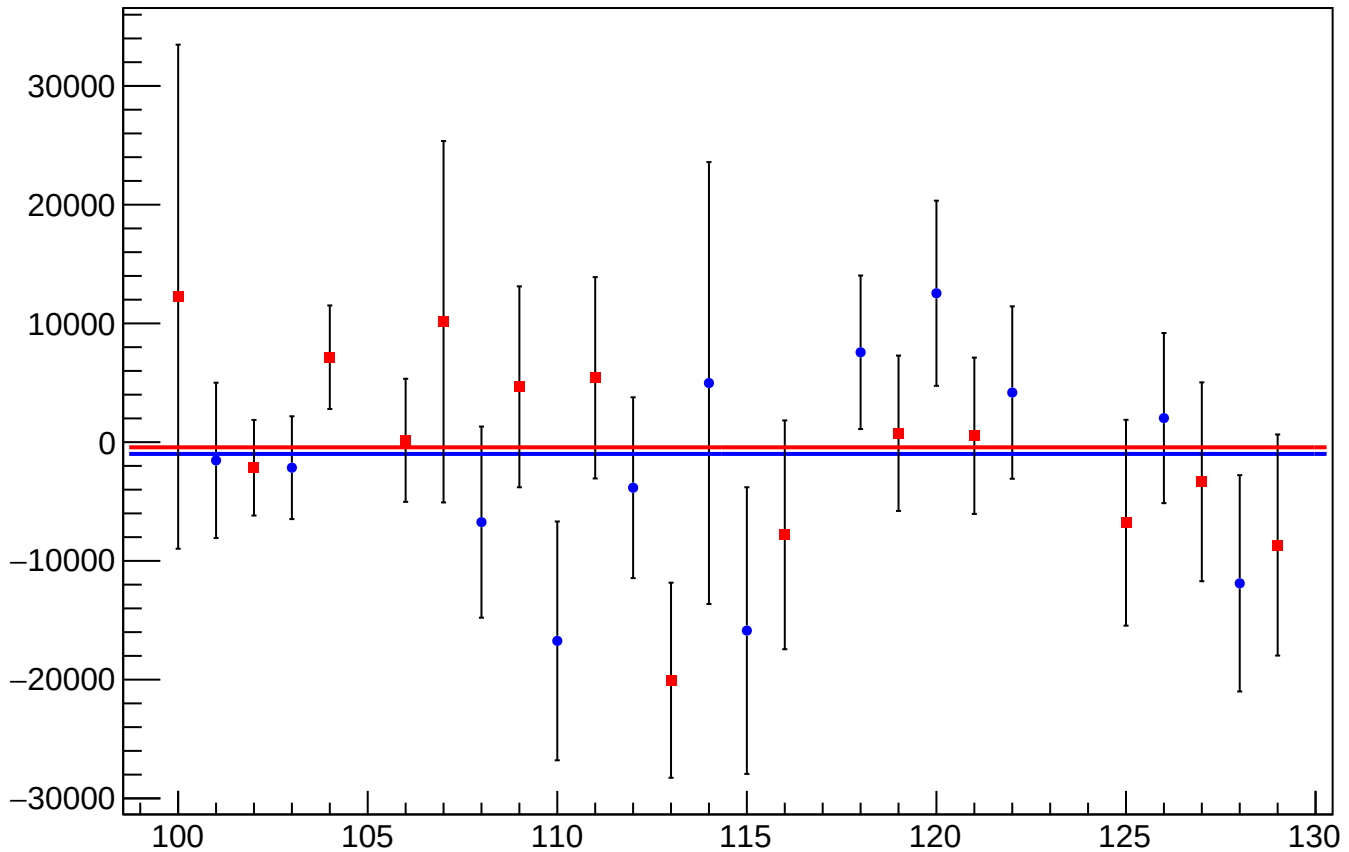
Right: 1906.081+/-0.420 χ^2/NDF : 418693.7/25

In: 1912.490+/-0.614 χ^2/NDF : 272381.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1906.081+/-0.420 χ^2/NDF : 418693.7/25

asym_us_avg_atlr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -991.221+/-2132.406 χ^2/NDF : 11.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

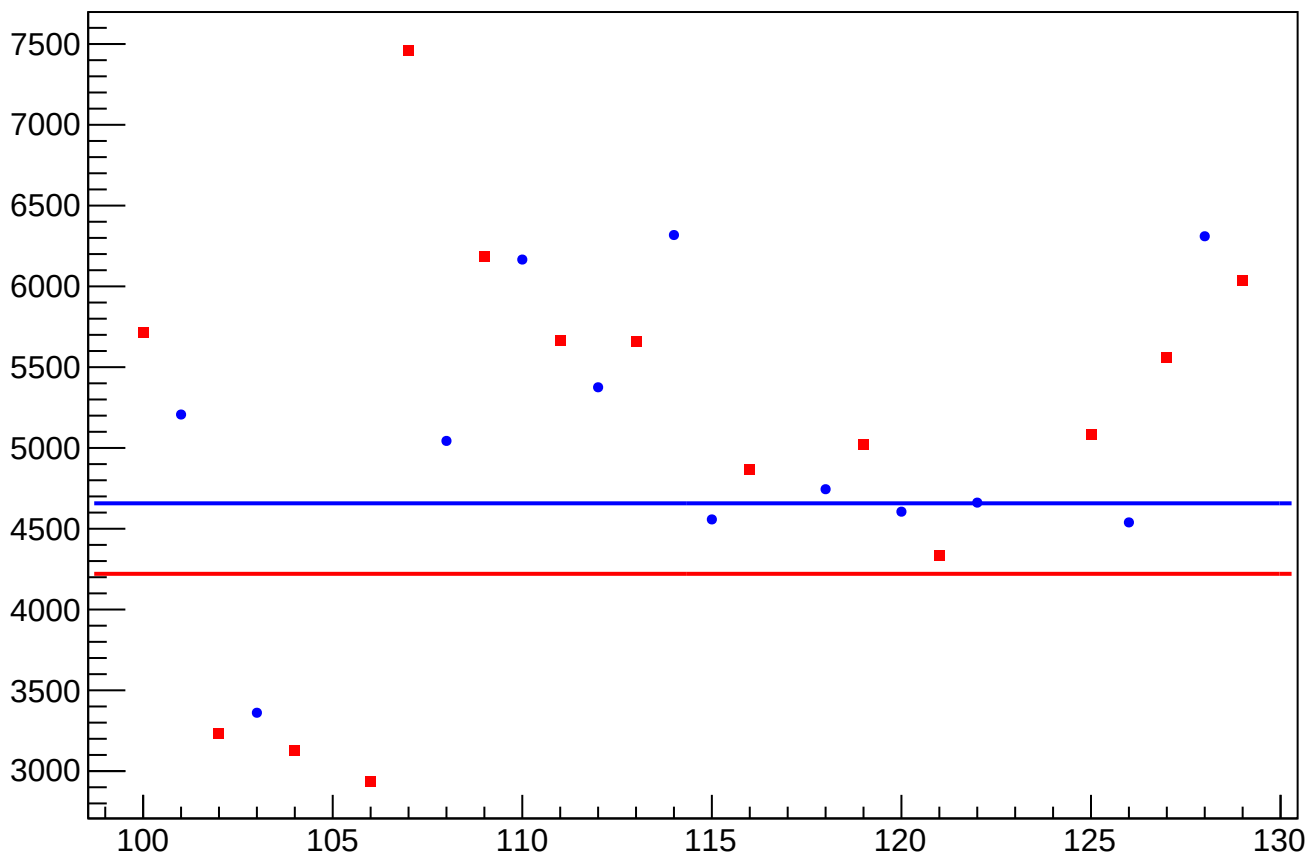
Right: -670.558+/-1390.856 χ^2/NDF : 24.4/25

In: -991.221+/-2132.406 χ^2/NDF : 11.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -670.558+/-1390.856 χ^2/NDF : 24.4/25

asym_us_avg_atlr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4657.342+/-1.508 χ^2/NDF : 343739.1/11

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

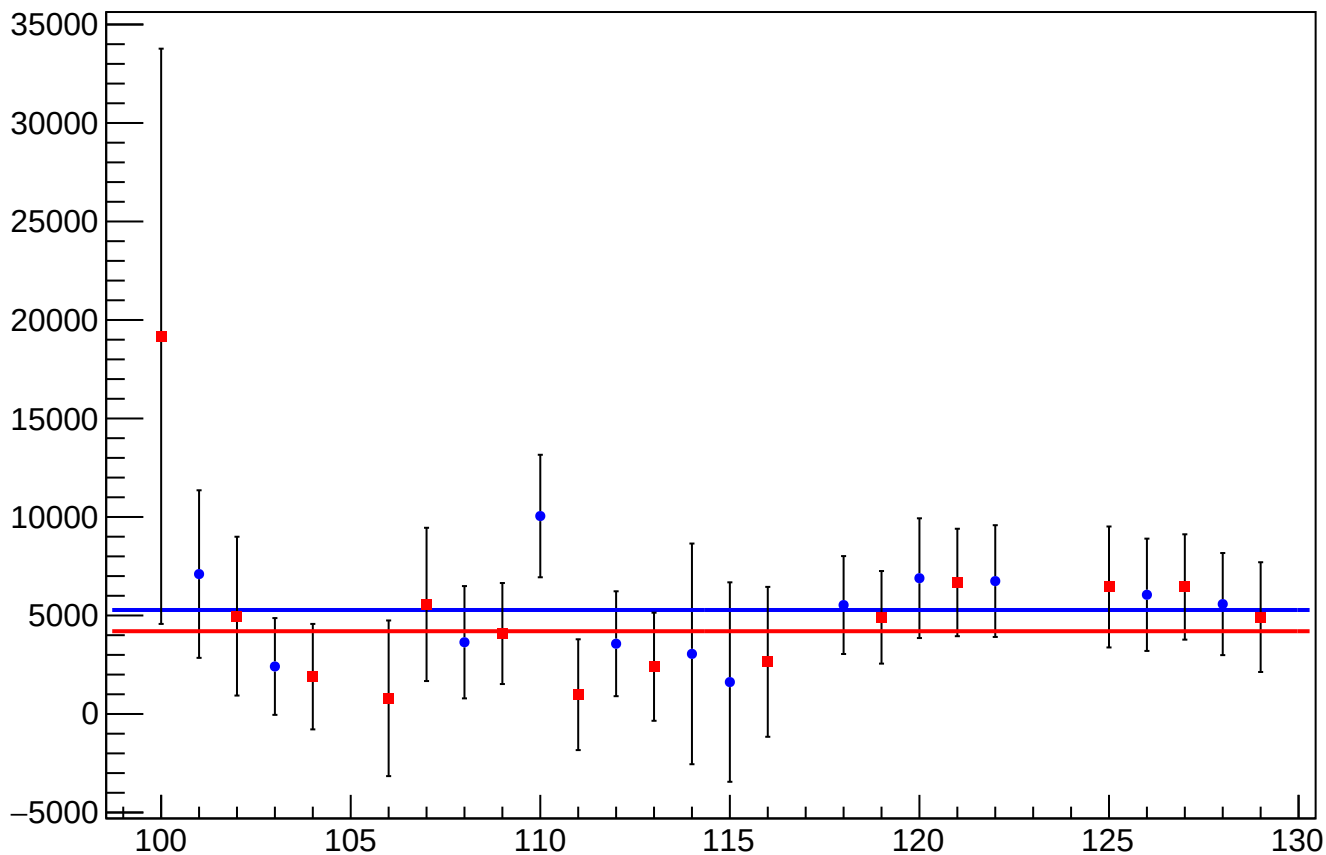
Right: 4406.626+/-0.983 χ^2/NDF : 1274136.4/25

In: 4657.342+/-1.508 χ^2/NDF :343739.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4406.626+/-0.983 χ^2/NDF : 1274136.4/25

eigen_dit_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5278.839+/-868.429 χ^2/NDF : 6.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

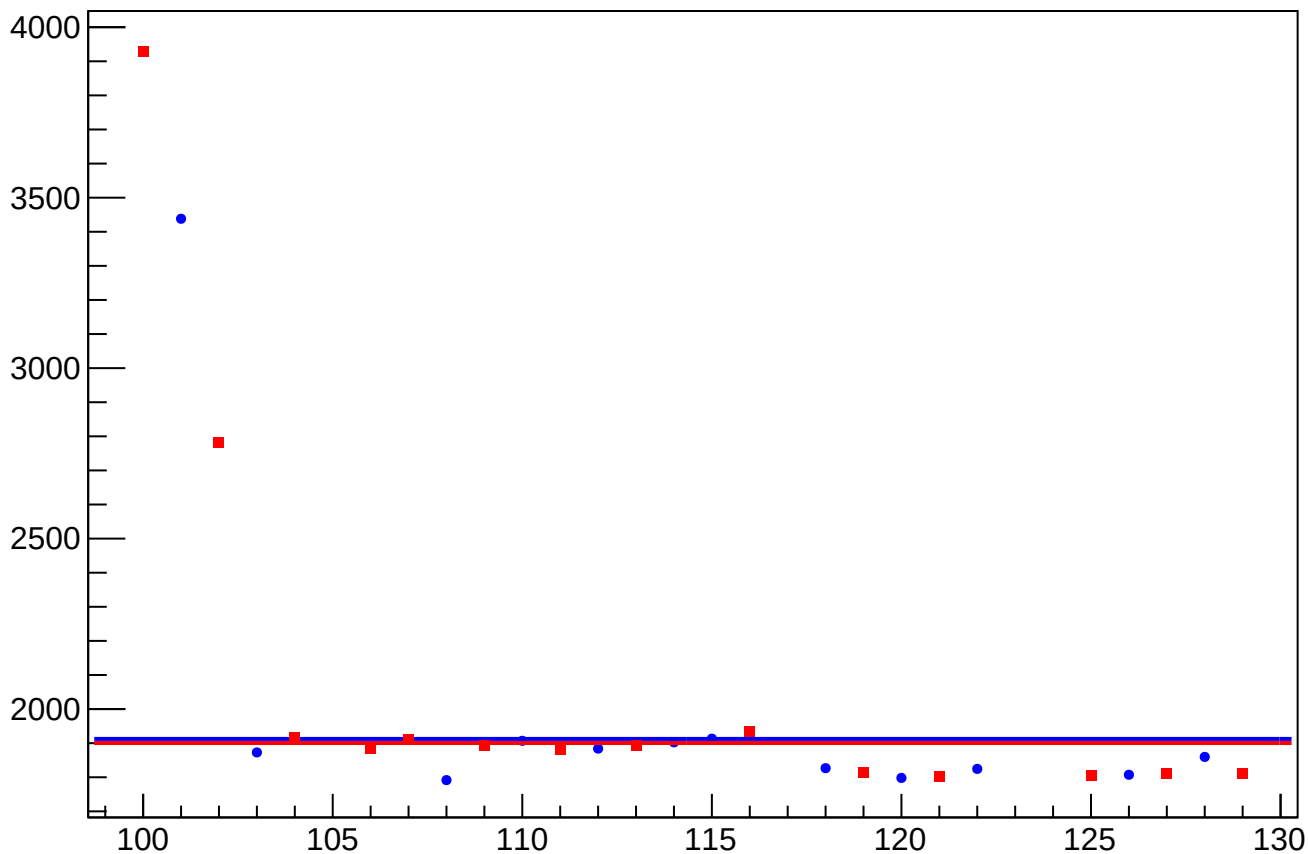
Right: 4705.776+/-594.143 χ^2/NDF : 13.6/25

In: 5278.839+/-868.429 χ^2/NDF : 6.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4705.776+/-594.143 χ^2/NDF : 13.6/25

eigen_dit_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1912.489+/-0.614 χ^2/NDF : 272381.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

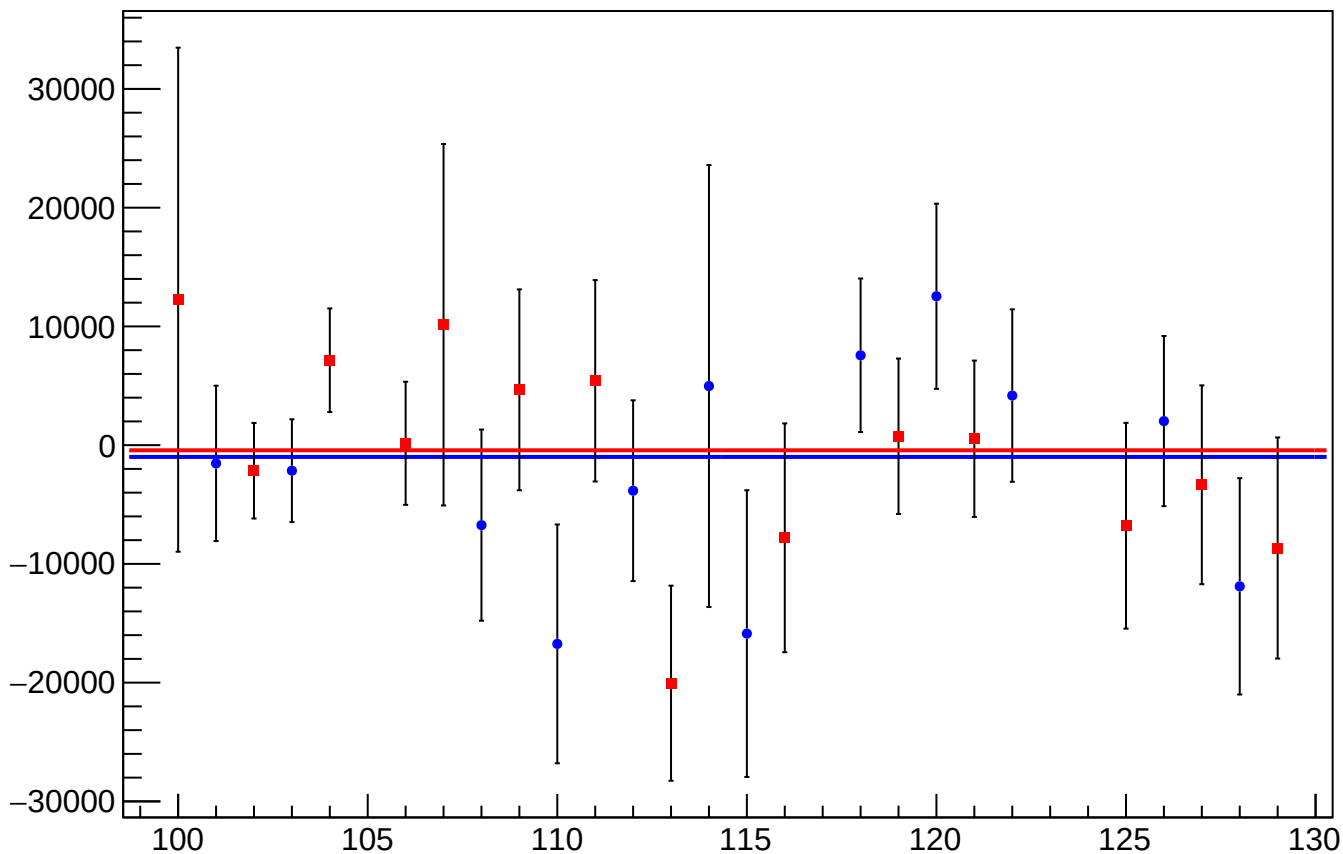
Right: 1906.080+/-0.420 χ^2/NDF : 418693.3/25

In: 1912.489+/-0.614 χ^2/NDF : 272381.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1906.080+/-0.420 χ^2/NDF : 418693.3/25

asym_us_avg_atlr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -991.214+/-2132.399 χ^2/NDF : 11.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

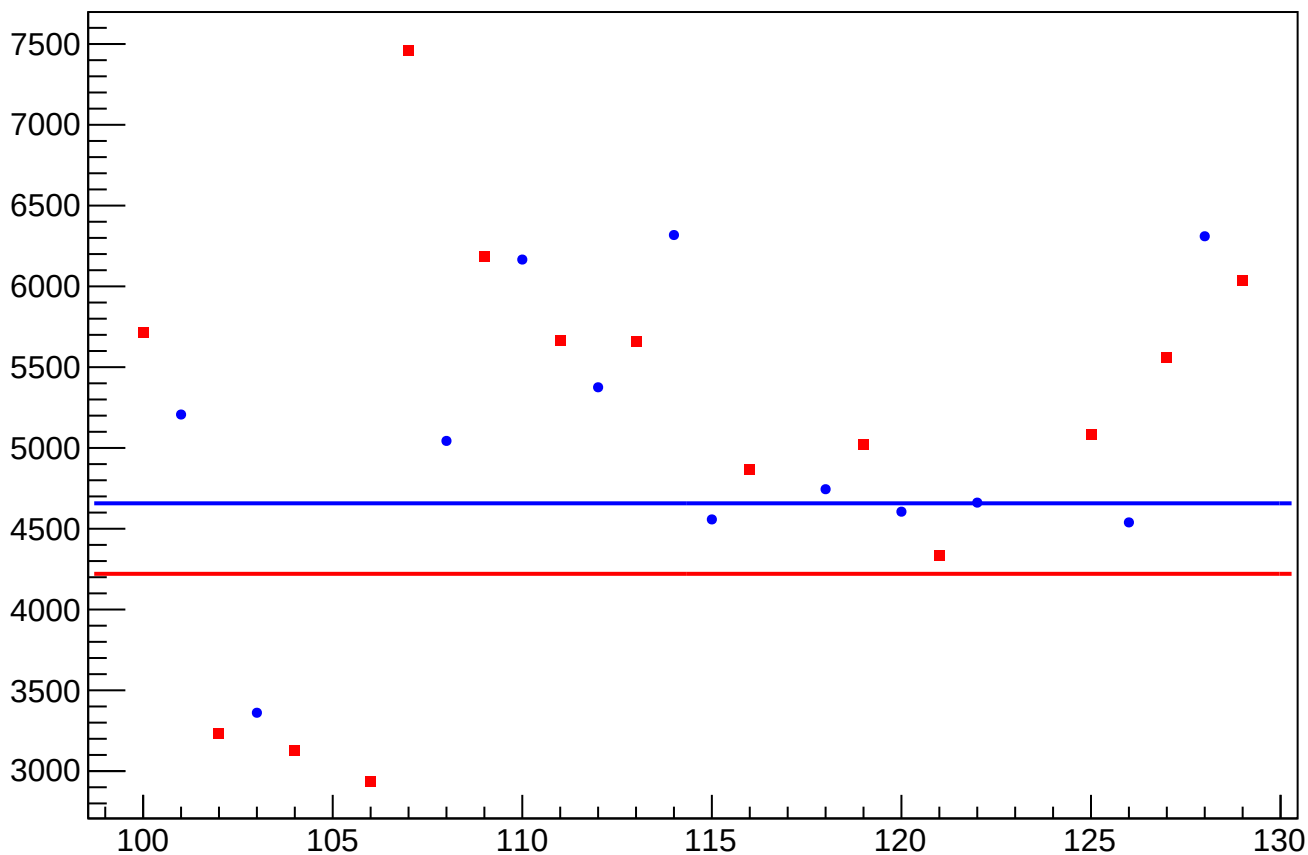
Right: -670.554+/-1390.852 χ^2/NDF : 24.4/25

In: -991.214+/-2132.399 χ^2/NDF : 11.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -670.554+/-1390.852 χ^2/NDF : 24.4/25

asym_us_avg_atlr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4657.328+/-1.508 χ^2/NDF : 343738.4/11

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

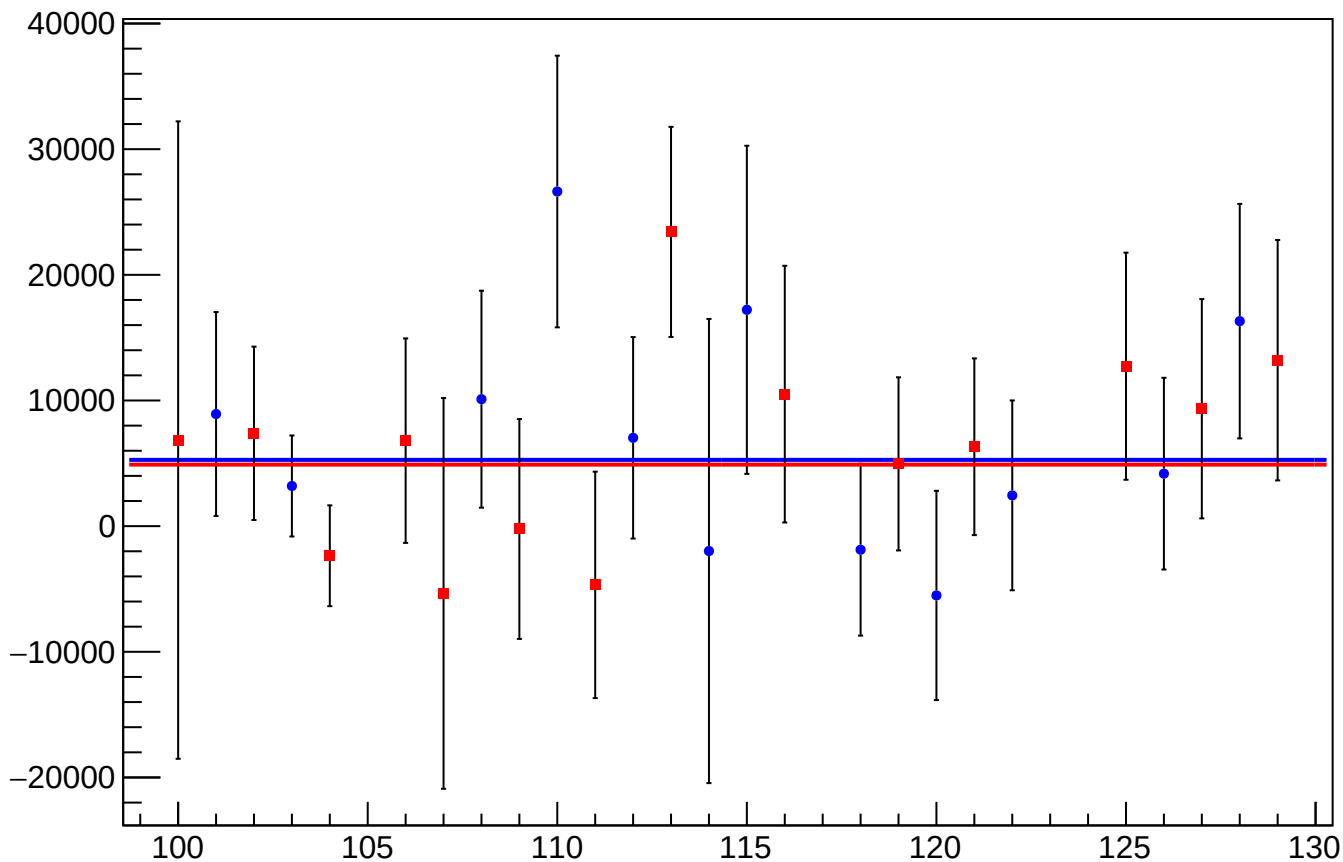
Right: 4406.613+/-0.983 χ^2/NDF : 1274132.9/25

In: 4657.328+/-1.508 χ^2/NDF : 343738.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4406.613+/-0.983 χ^2/NDF : 1274132.9/25

asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5275.837+/-2206.266 χ^2/NDF : 10.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

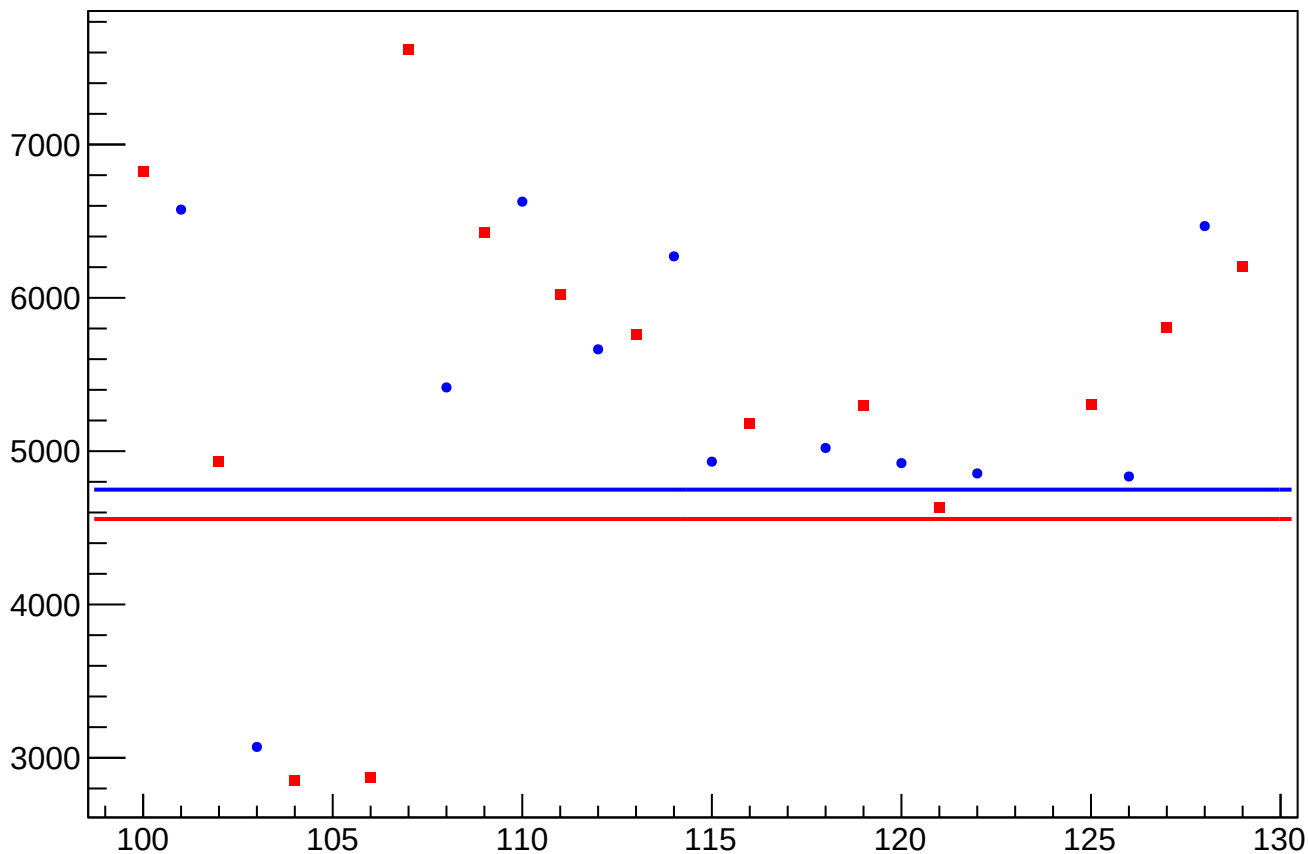
Right: 5075.741+/-1513.998 χ^2/NDF : 22.5/25

In: 5275.837+/-2206.266 χ^2/NDF : 10.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5075.741+/-1513.998 χ^2/NDF : 22.5/25

asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 4749.068+/-1.560 χ^2/NDF : 634854.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

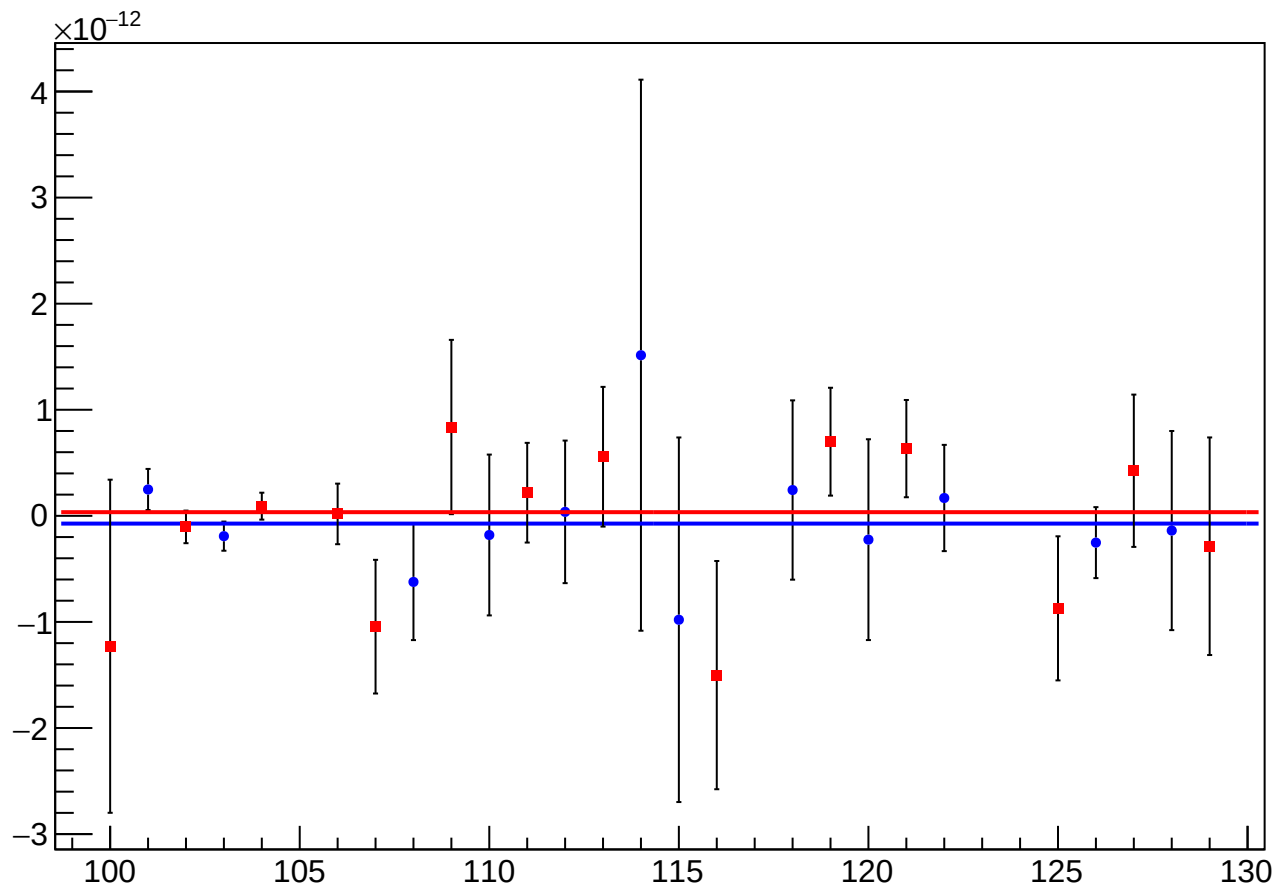
Right: 4645.567+/-1.057 χ^2/NDF : 1583316.1/25

In: 4749.068+/-1.560 χ^2/NDF : 634854.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4645.567+/-1.057 χ^2/NDF : 1583316.1/25

asym_us_atlr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

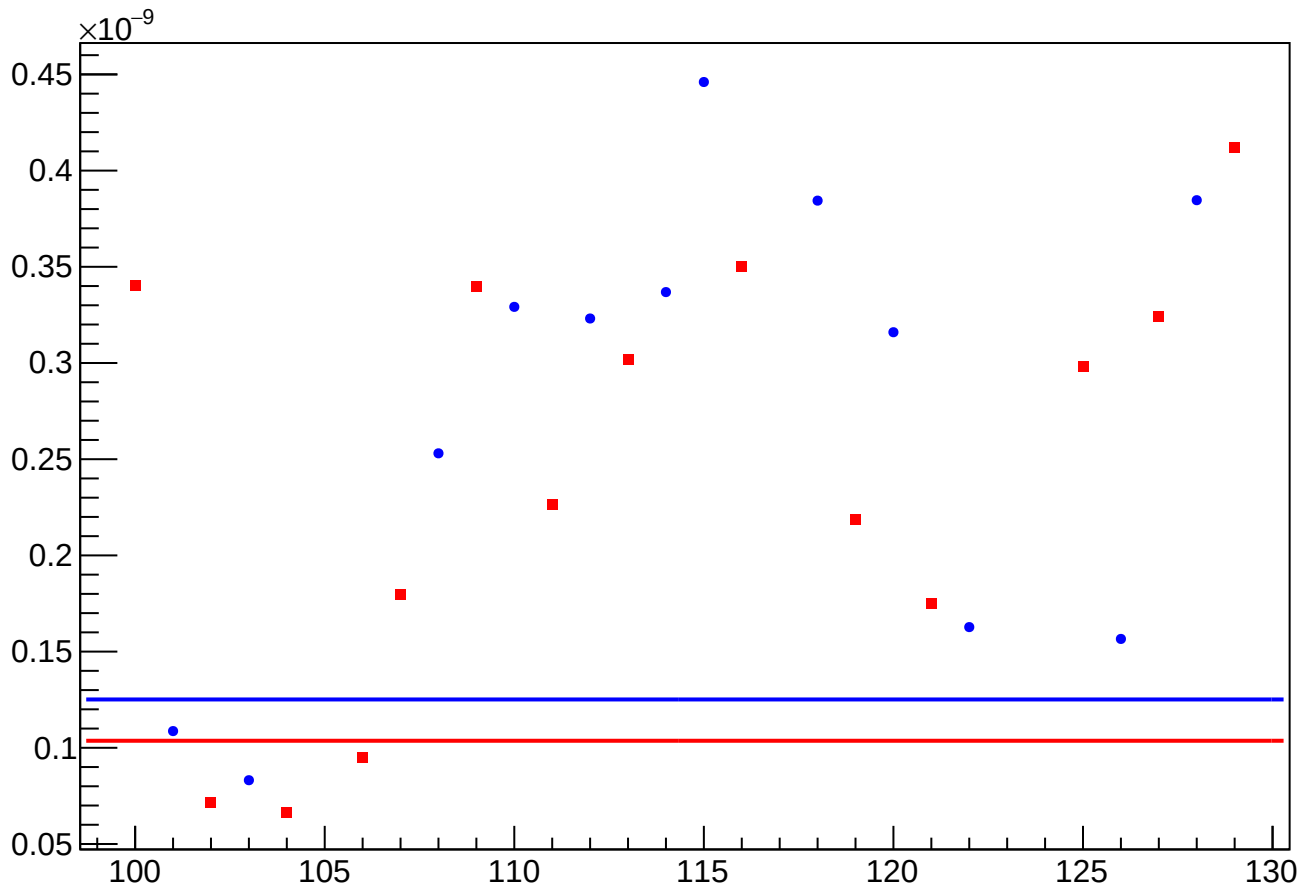
Right: -0.000+/-0.000 χ^2/NDF : 20.6/25

In: -0.000+/-0.000 χ^2/NDF : 5.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.6/25

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1163018.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

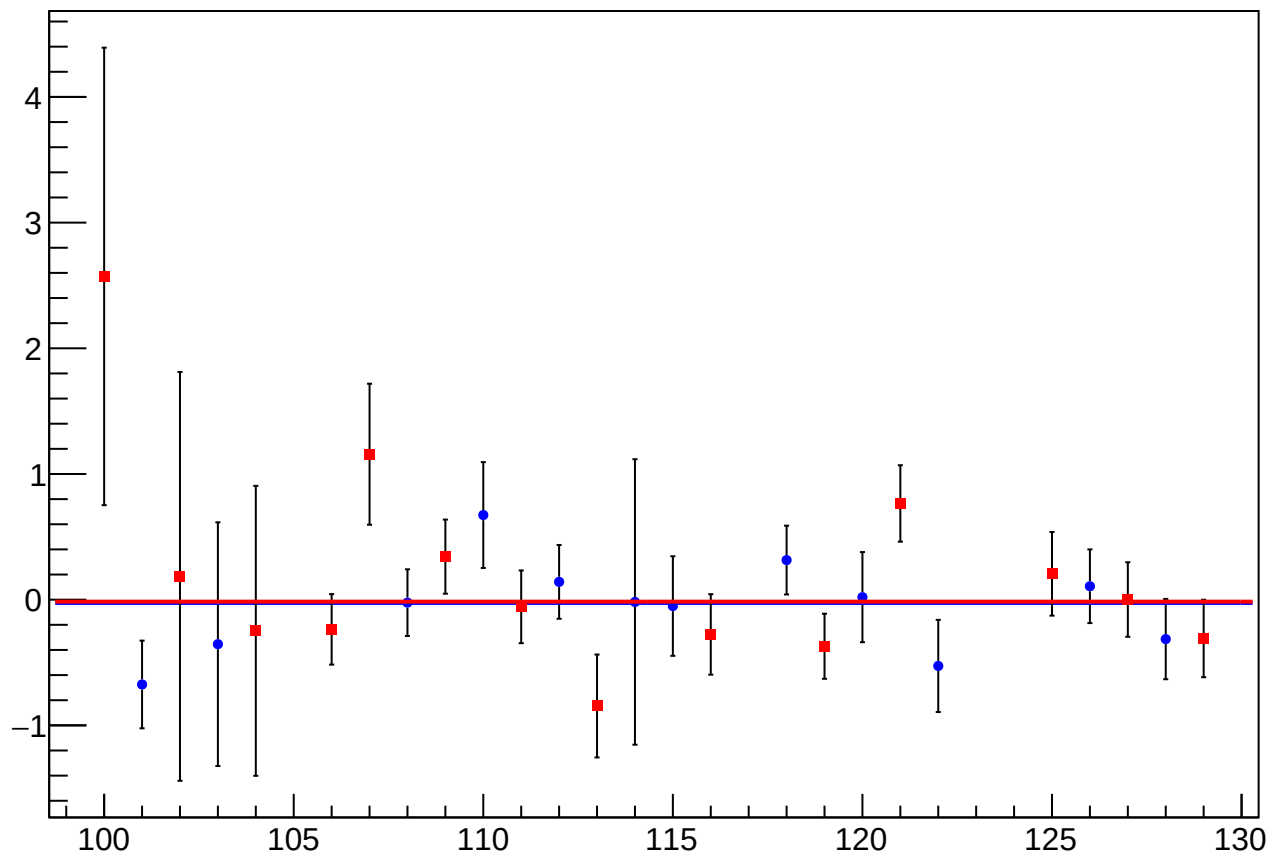
Right: 0.000+/-0.000 χ^2/NDF : 2829059.3/25

In: 0.000+/-0.000 χ^2/NDF : 1163018.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2829059.3/25

asym_us_avg_atlr_avg_avg_dit_vs_slug_sign_corrected



Right In: -0.026 ± 0.101 χ^2/NDF : 11.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.016 ± 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

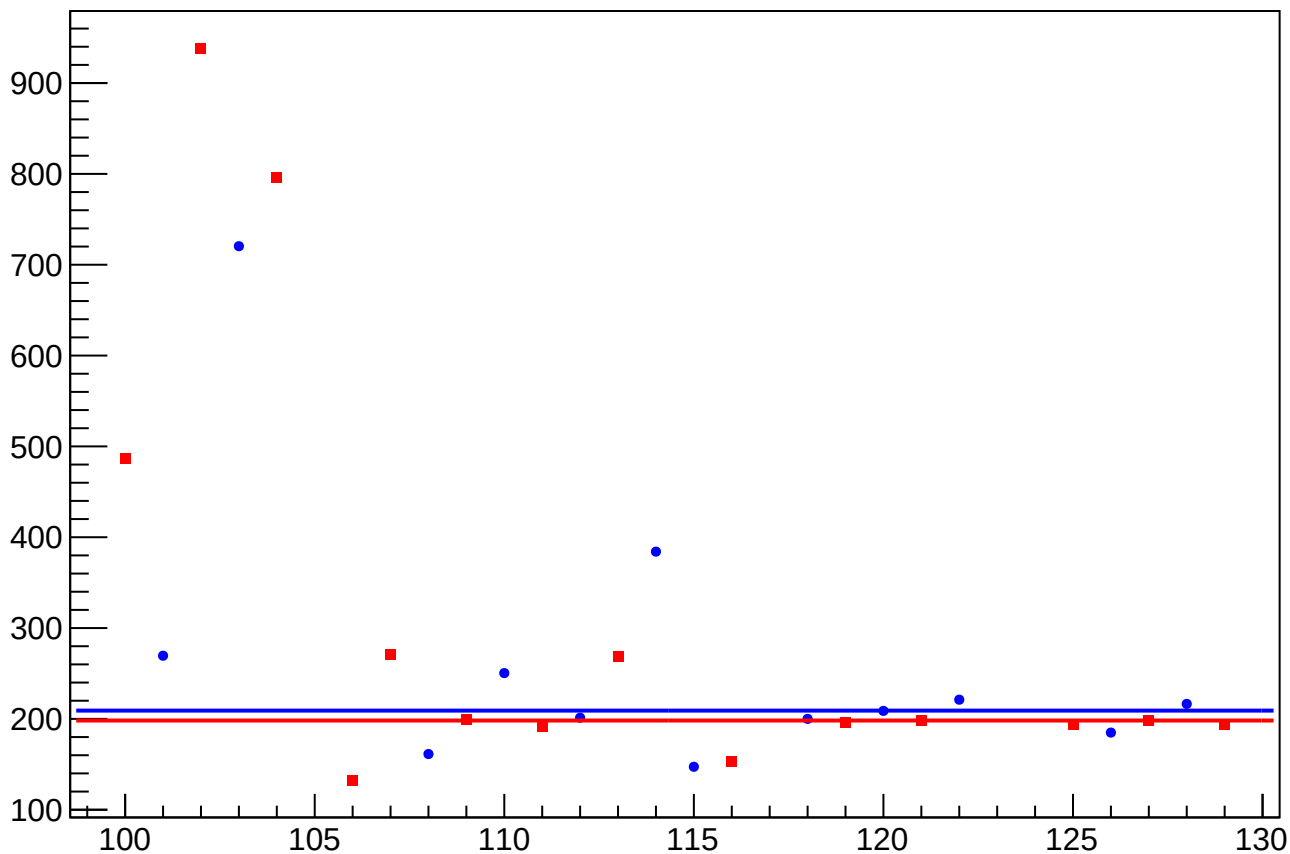
Right: -0.020 ± 0.069 χ^2/NDF : 34.3/25

In: -0.026 ± 0.101 χ^2/NDF : 11.1/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.020 ± 0.069 χ^2/NDF : 34.3/25

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 209.141+/-0.071 χ^2/NDF : 817213.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 198.219+/-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

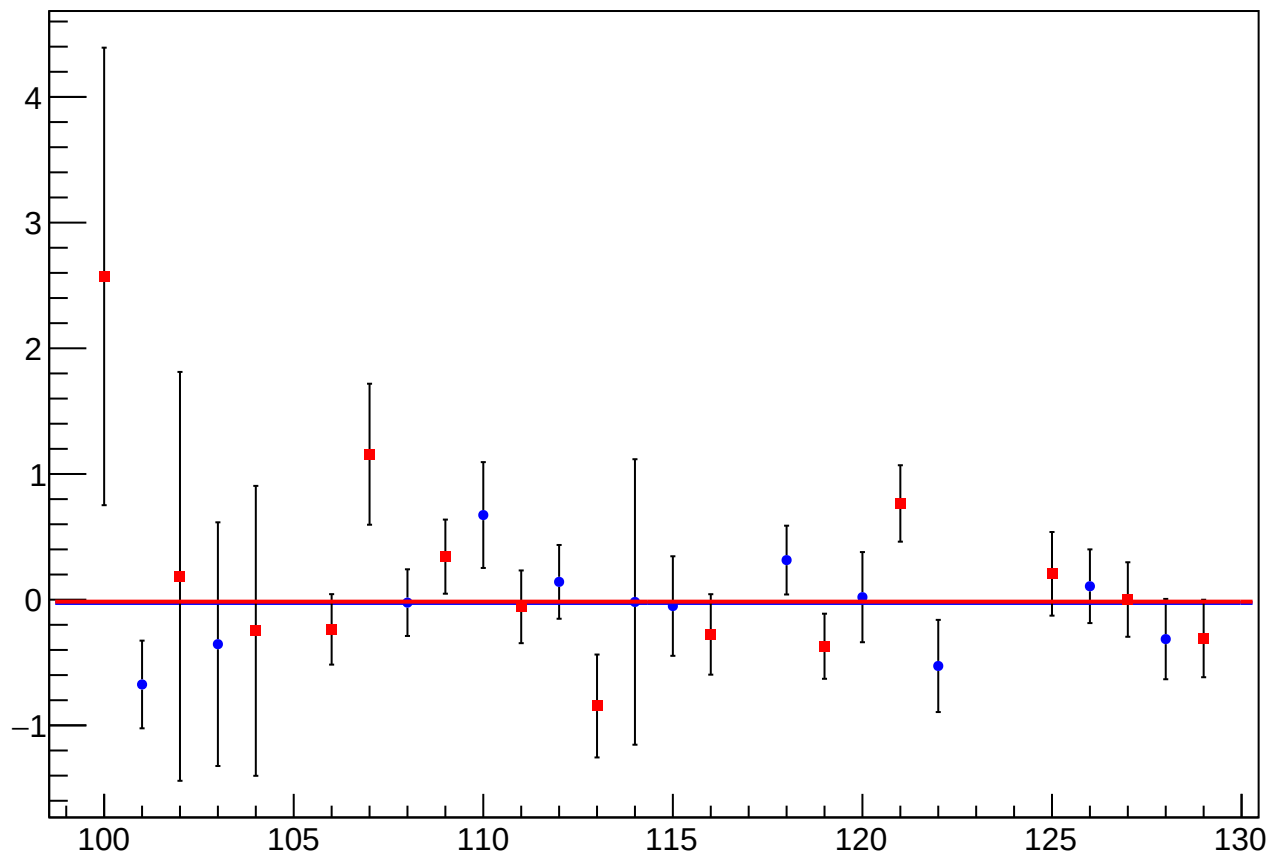
Right: 203.285+/-0.049 χ^2/NDF : 2076525.0/25

In: 209.141+/-0.071 χ^2/NDF : 817213.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.285+/-0.049 χ^2/NDF : 2076525.0/25

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026+/-0.101 χ^2/NDF : 11.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-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

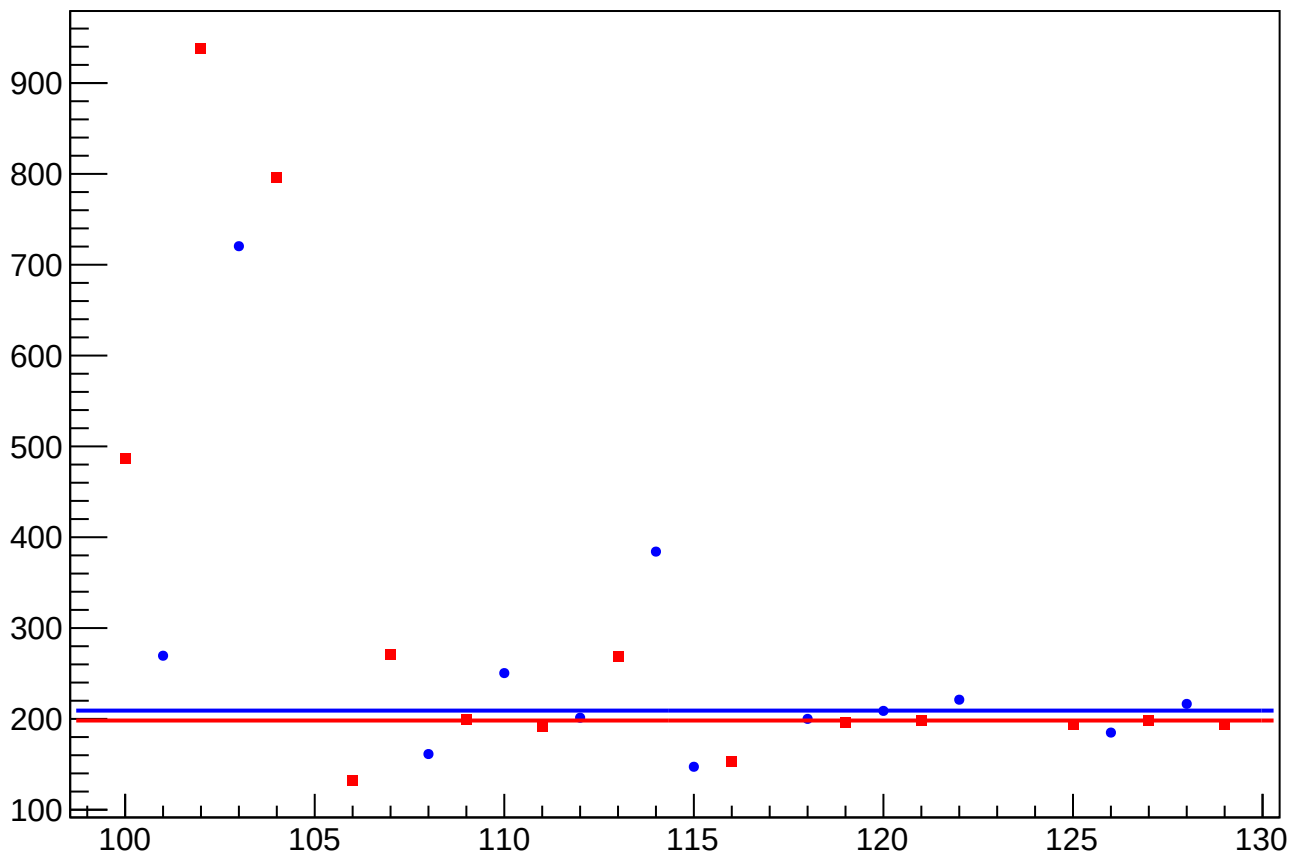
Right: -0.020+/-0.069 χ^2/NDF : 34.3/25

In: -0.026+/-0.101 χ^2/NDF : 11.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.020+/-0.069 χ^2/NDF : 34.3/25

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 209.141+/-0.071 χ^2/NDF : 817213.1/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 198.219+/-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

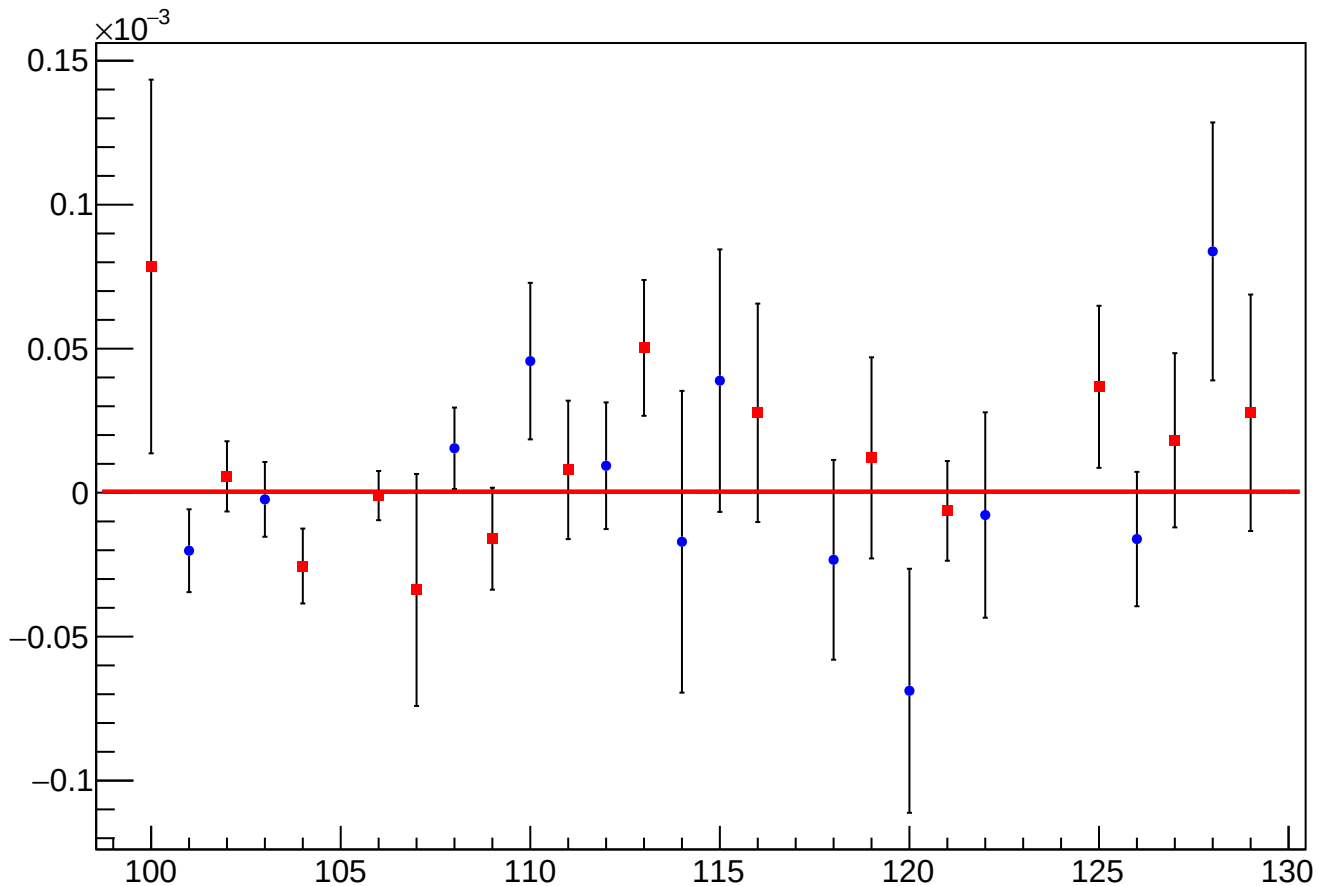
Right: 203.285+/-0.049 χ^2/NDF : 2076525.0/25

In: 209.141+/-0.071 χ^2/NDF :817213.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 203.285+/-0.049 χ^2/NDF : 2076525.0/25

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 : 14.1/11

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

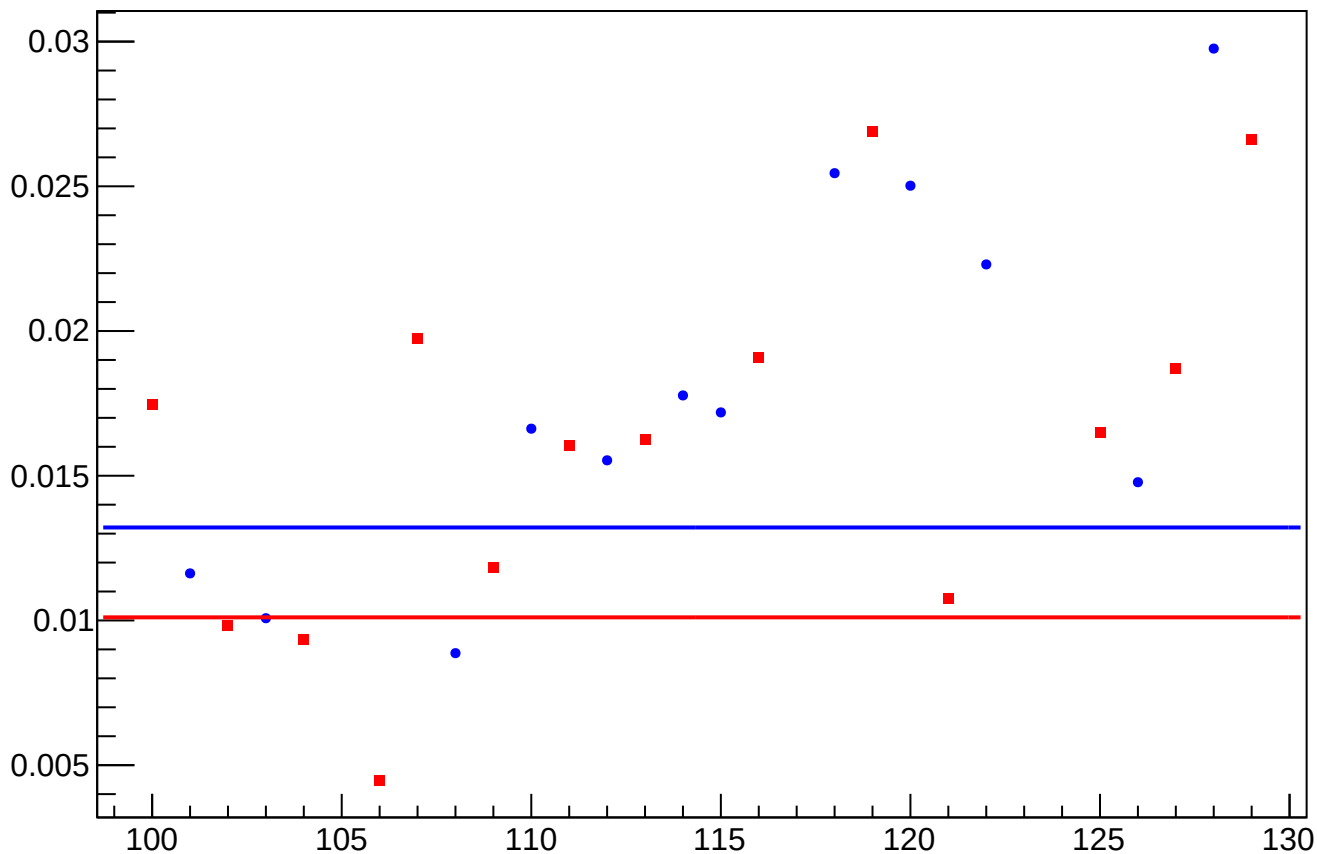
Right: 0.000+/-0.000 χ^2/NDF : 29.1/25

In: 0.000+/-0.000 χ^2/NDF : 14.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.1/25

asym_us_avg_atlr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 1230121.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 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

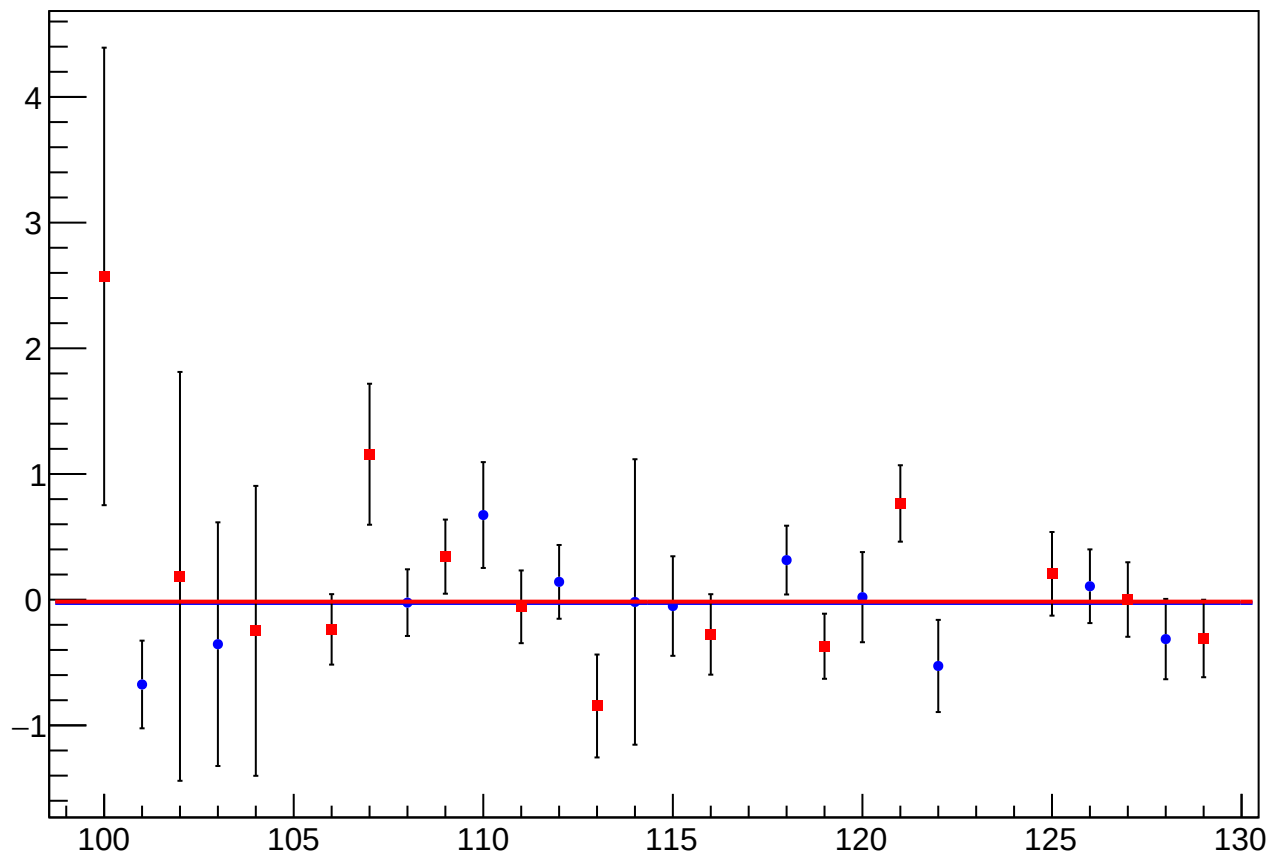
Right: 0.011+/-0.000 χ^2/NDF : 3992454.0/25

In: 0.013+/-0.000 χ^2/NDF : 1230121.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 3992454.0/25

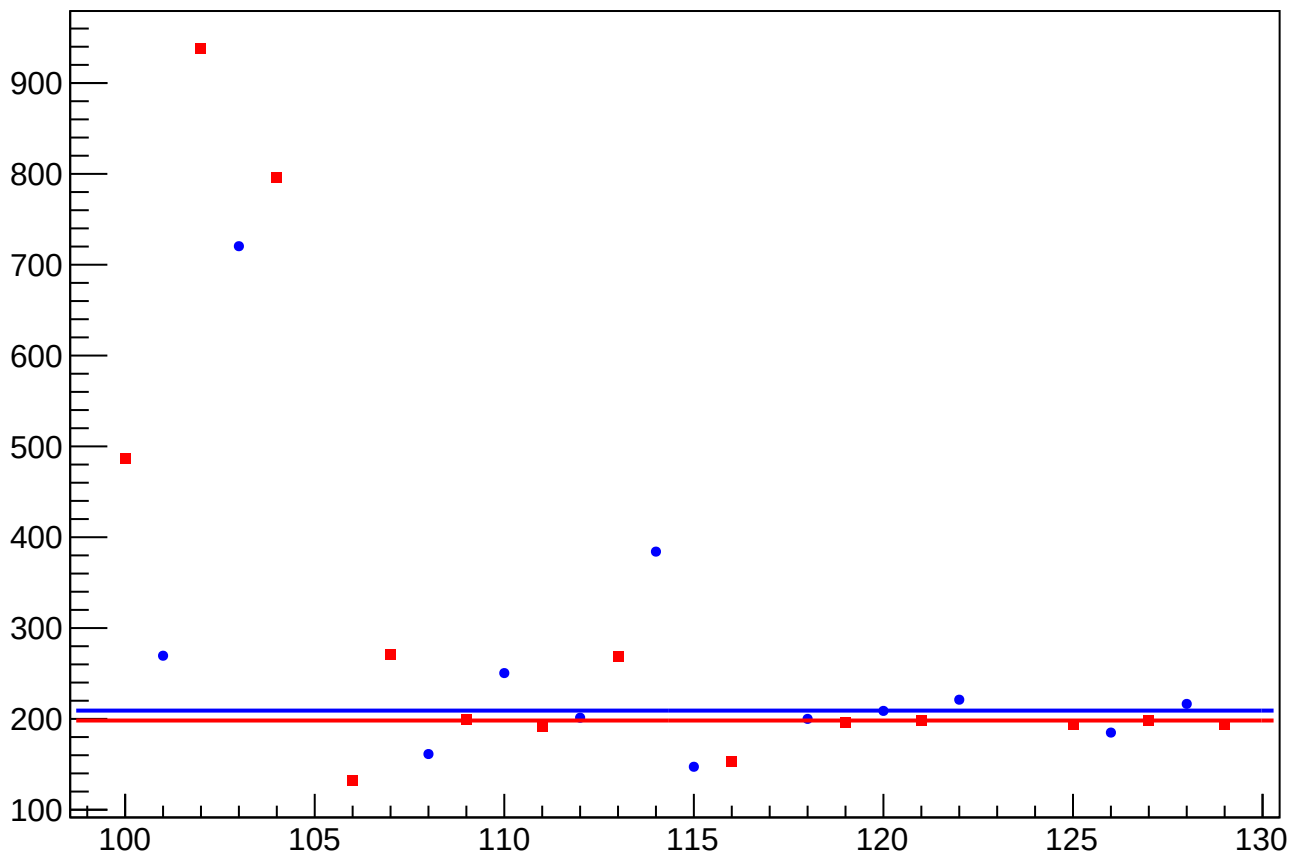
asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026+/-0.101 χ^2/NDF : 11.1/11
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.016+/-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: -0.020+/-0.069 χ^2/NDF : 34.3/25
 In: -0.026+/-0.101 χ^2/NDF : 11.1/11
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.020+/-0.069 χ^2/NDF : 34.3/25

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 209.140+/-0.071 χ^2/NDF : 817200.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 198.216+/-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

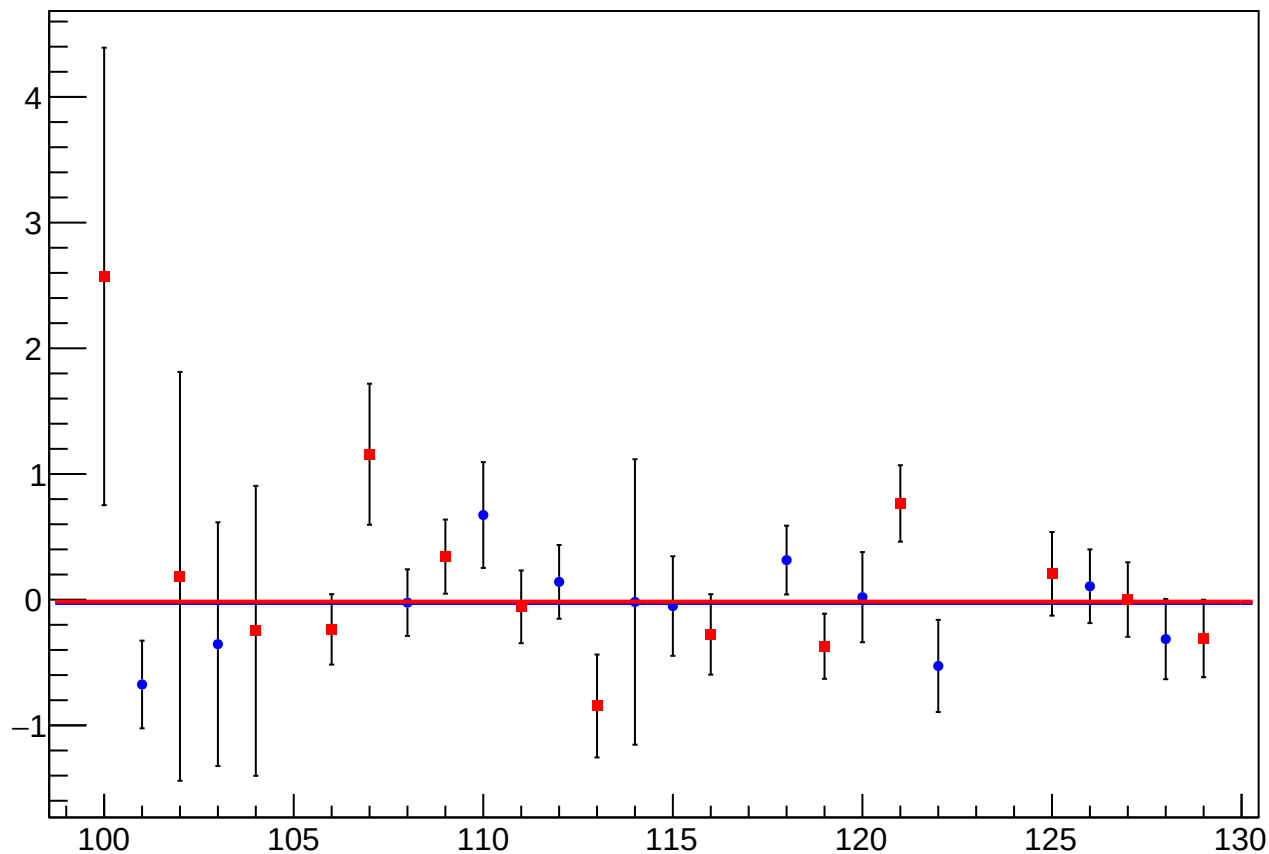
Right: 203.283+/-0.049 χ^2/NDF : 2076502.8/25

In: 209.140+/-0.071 χ^2/NDF : 817200.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.283+/-0.049 χ^2/NDF : 2076502.8/25

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026+/-0.101 χ^2/NDF : 11.1/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.016+/-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

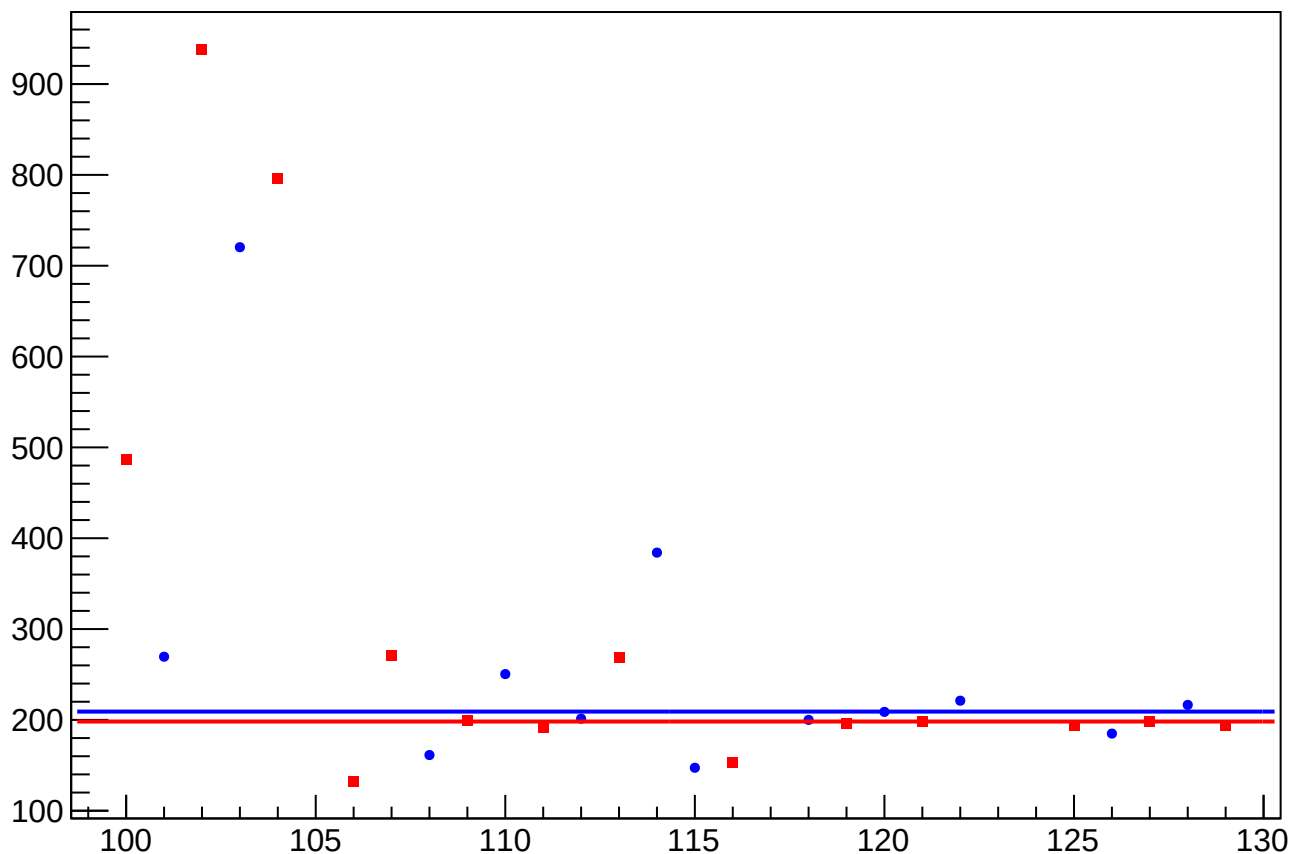
Right: -0.020+/-0.069 χ^2/NDF : 34.3/25

In: -0.026+/-0.101 χ^2/NDF :11.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.020+/-0.069 χ^2/NDF : 34.3/25

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 209.140+/-0.071 χ^2/NDF : 817200.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 198.216+/-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

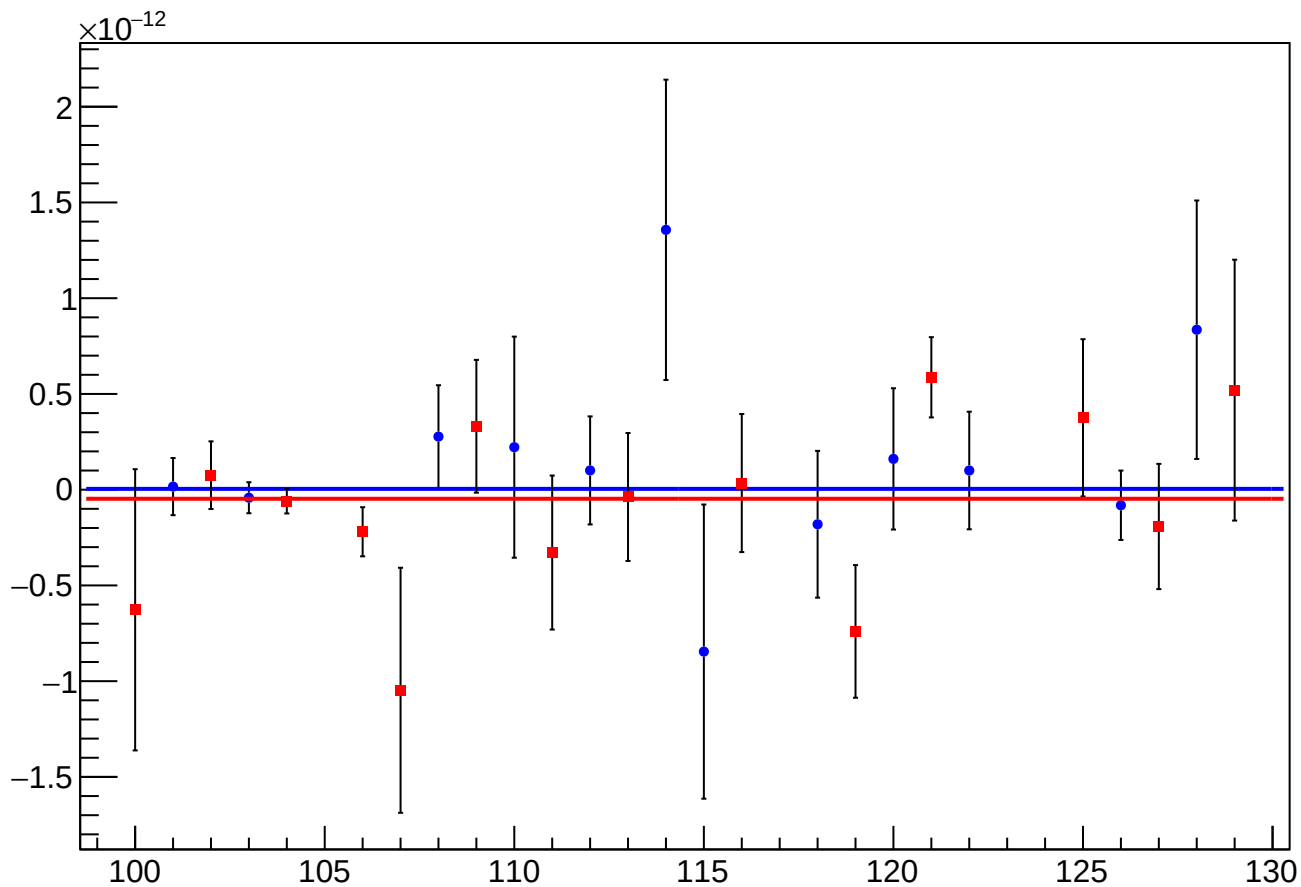
Right: 203.283+/-0.049 χ^2/NDF : 2076502.8/25

In: 209.140+/-0.071 χ^2/NDF : 817200.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.283+/-0.049 χ^2/NDF : 2076502.8/25

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 : 8.1/11

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

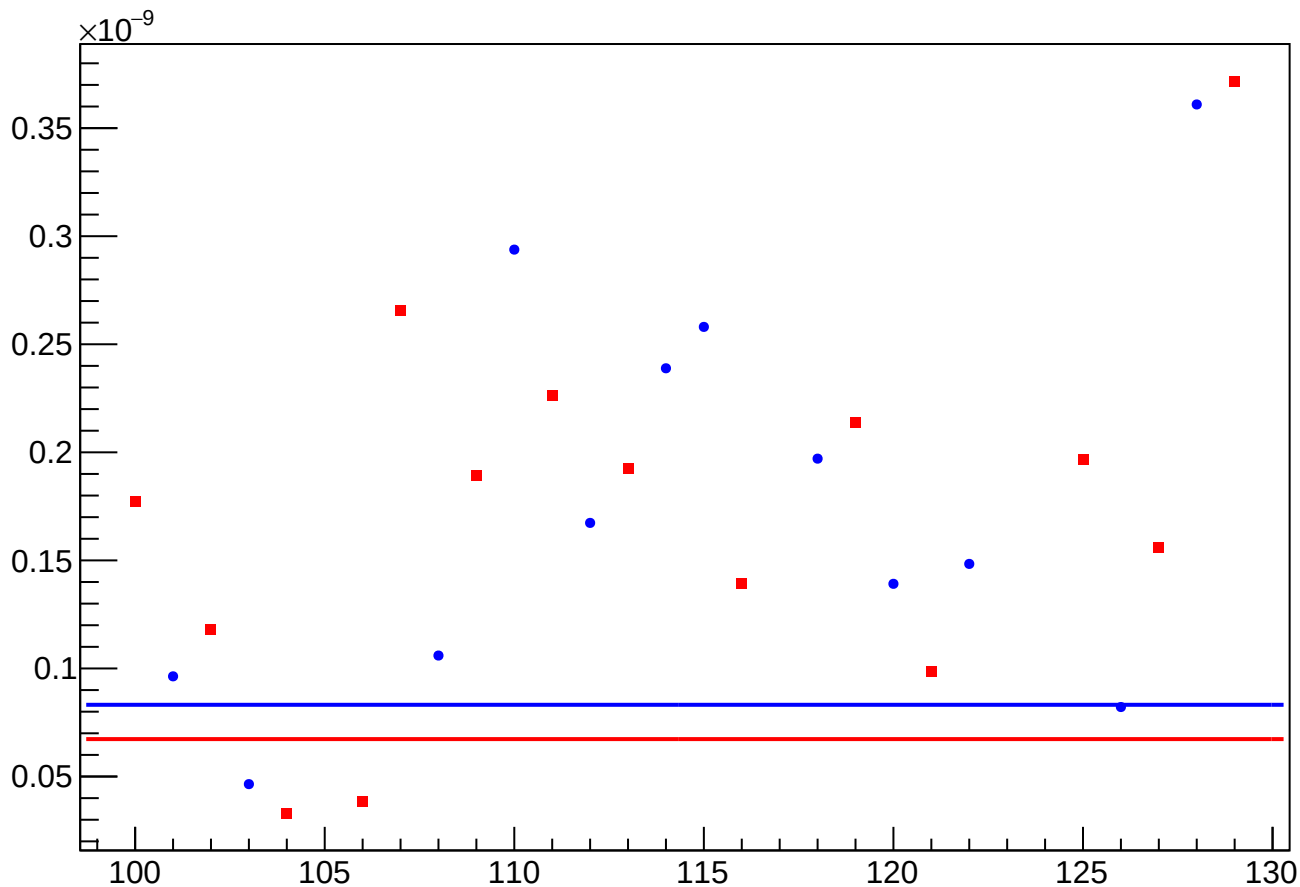
Right: -0.000+/-0.000 χ^2/NDF : 30.8/25

In: 0.000+/-0.000 χ^2/NDF : 8.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.8/25

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 : 1719477.8/11

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

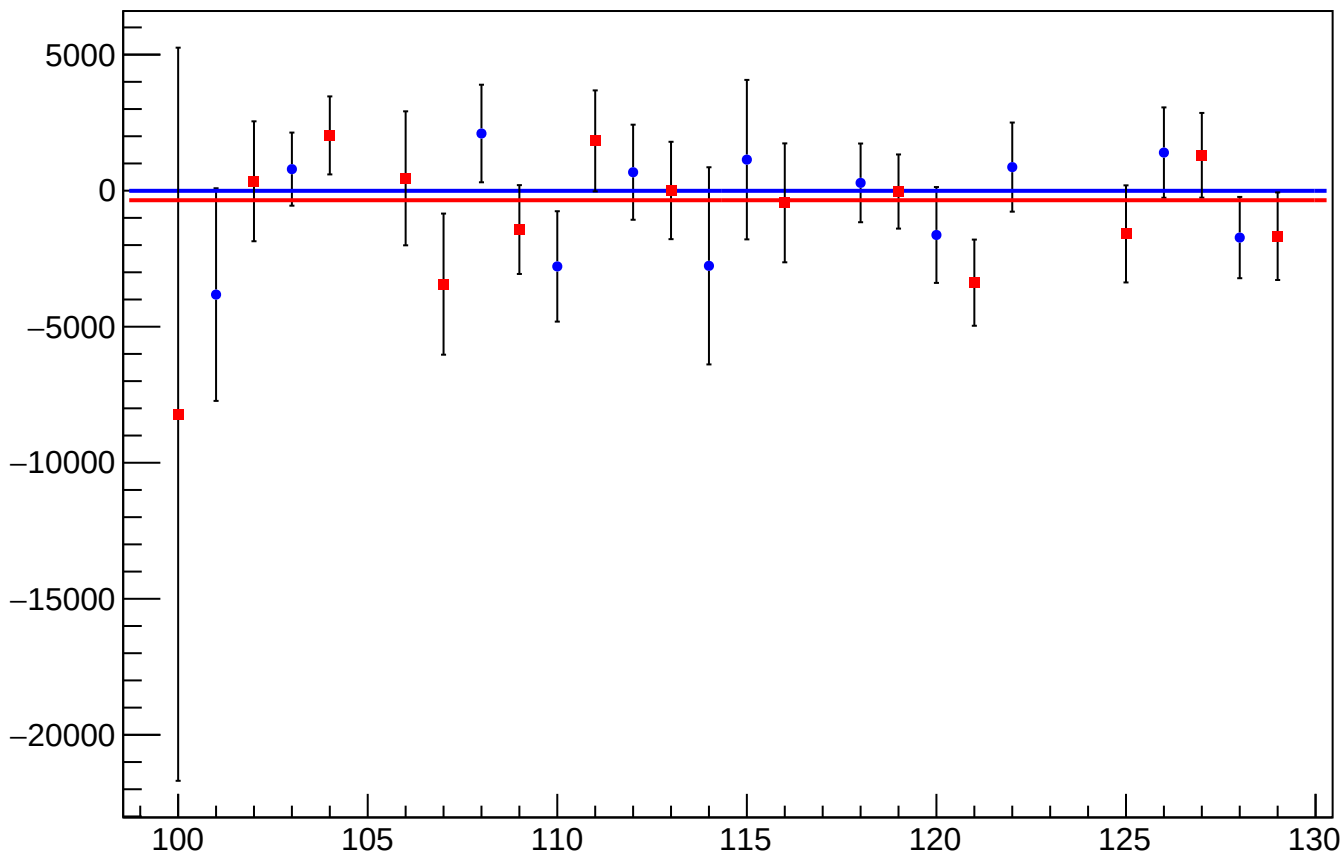
Right: 0.000+/-0.000 χ^2/NDF : 4960326.5/25

In: 0.000+/-0.000 χ^2/NDF : 1719477.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4960326.5/25

reg_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -5.566+/-521.439 χ^2/NDF : 8.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

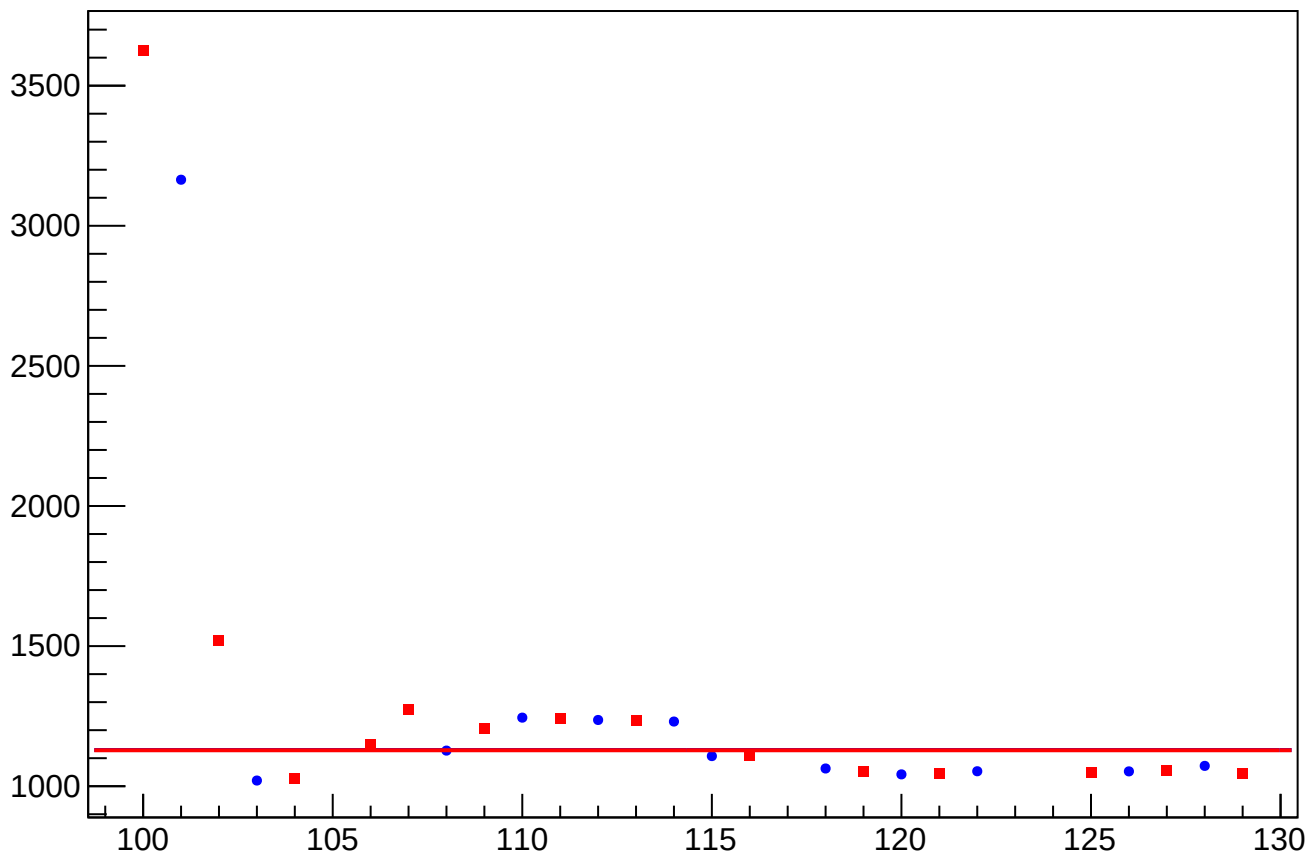
Right: -191.017+/-355.173 χ^2/NDF : 21.5/25

In: -5.566+/-521.439 χ^2/NDF : 8.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -191.017+/-355.173 χ^2/NDF : 21.5/25

reg_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1129.146+/-0.369 χ^2/NDF : 591827.2/11

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

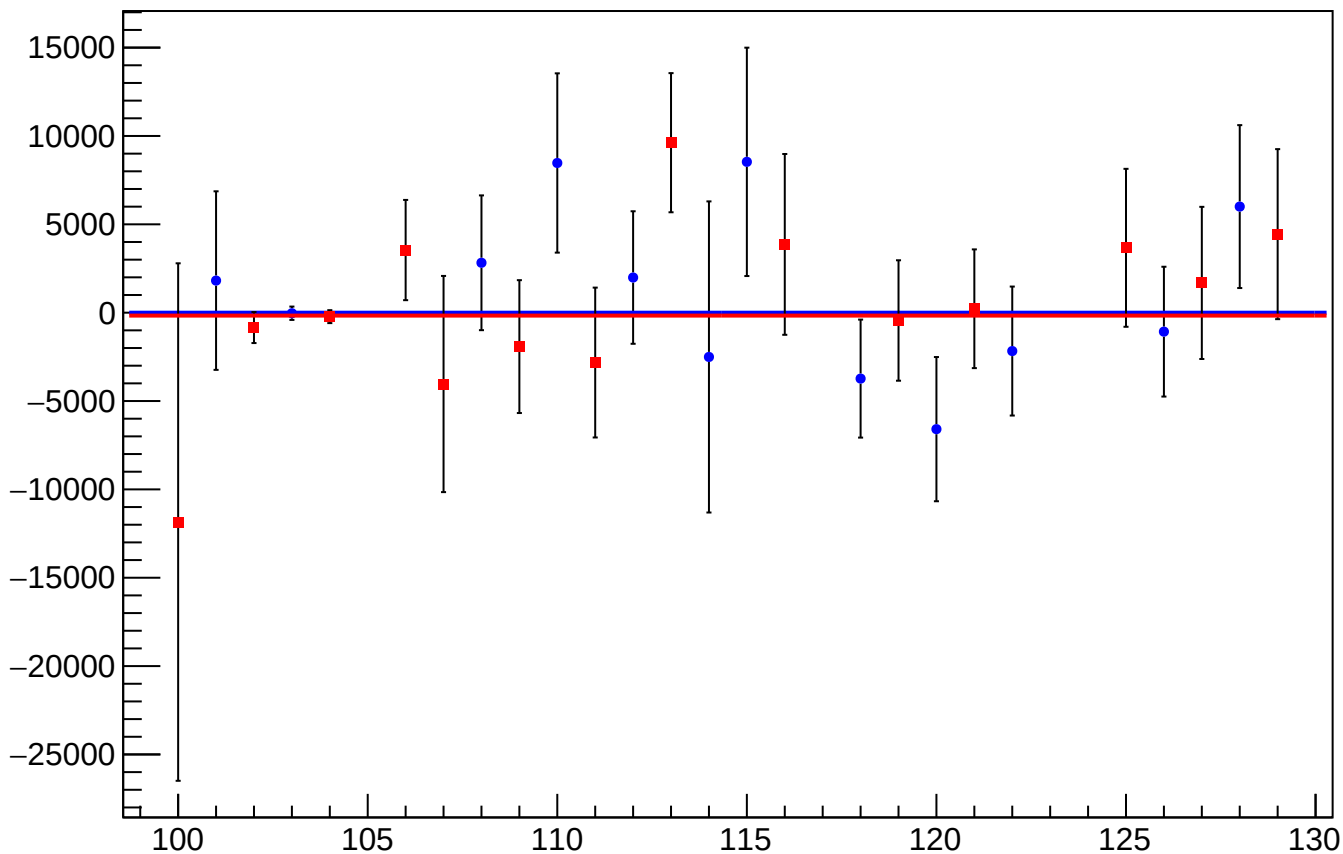
Right: 1128.728+/-0.251 χ^2/NDF : 784958.9/25

In: 1129.146+/-0.369 χ^2/NDF : 591827.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1128.728+/-0.251 χ^2/NDF : 784958.9/25

asym_us_avg_atlr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -1.271+/-362.408 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

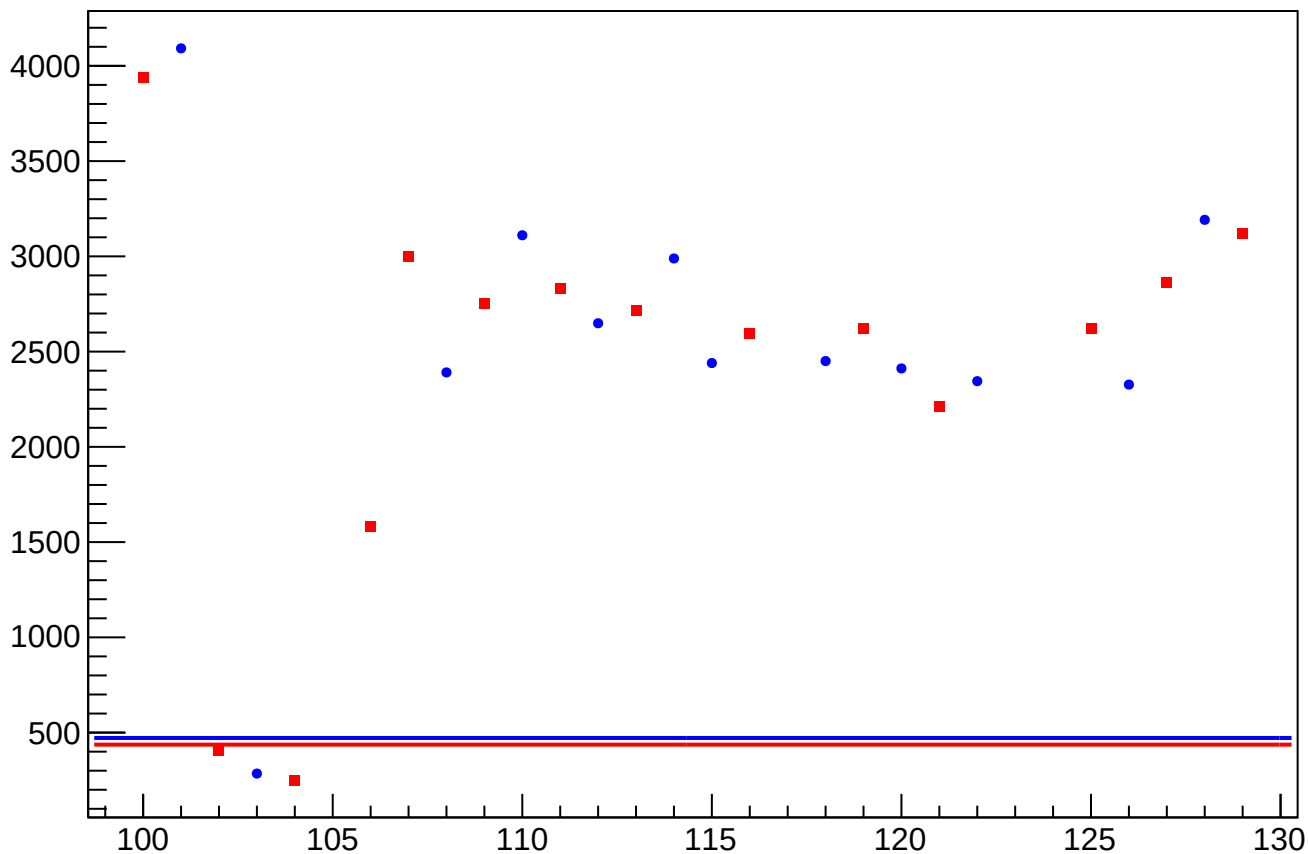
Right: -92.196+/-241.975 χ^2/NDF : 24.3/25

In: -1.271+/-362.408 χ^2/NDF : 11.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -92.196+/-241.975 χ^2/NDF : 24.3/25

asym_us_avg_atlr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 471.806+/-0.256 χ^2/NDF : 6474836.3/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

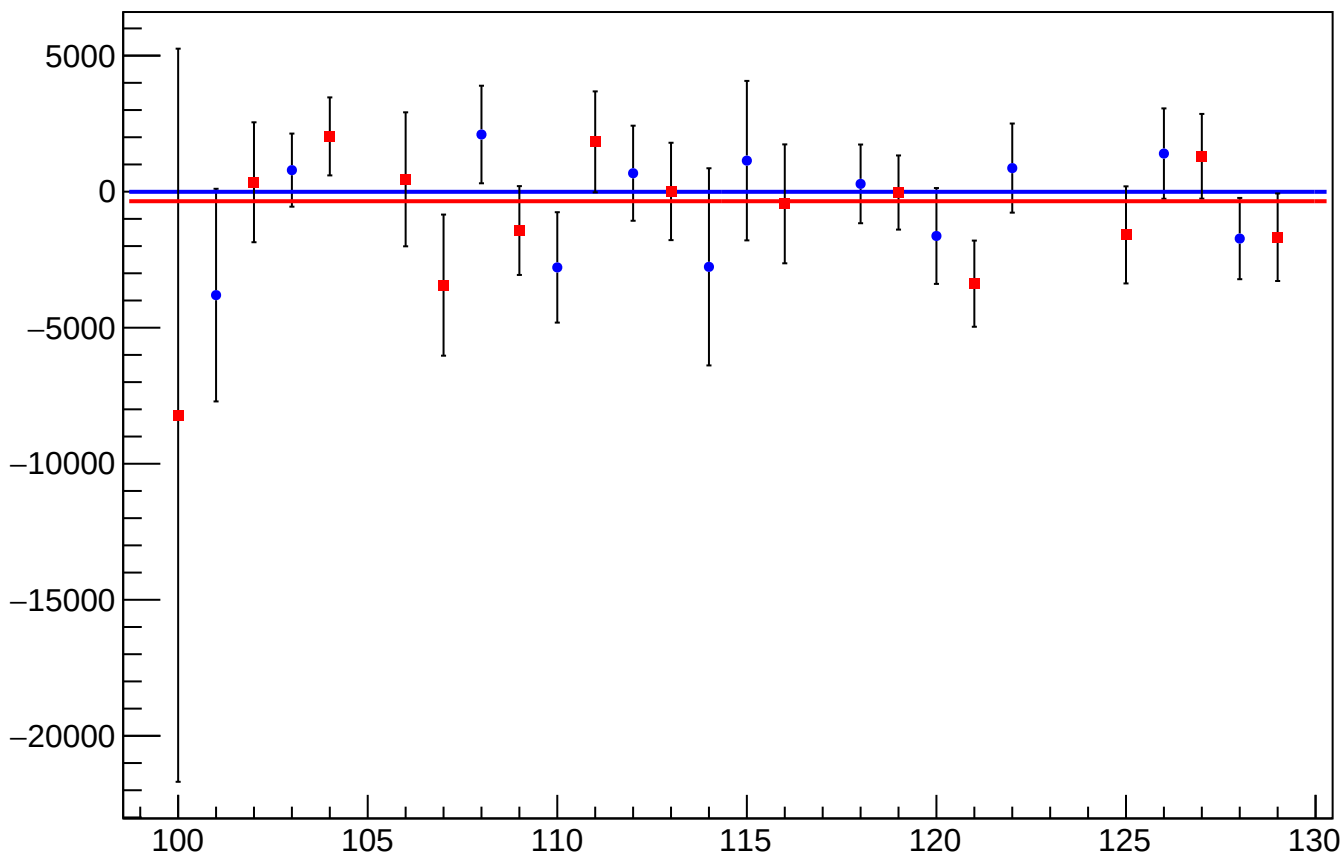
Right: 452.431+/-0.171 χ^2/NDF : 13348360.0/25

In: 471.806+/-0.256 χ^2/NDF :6474836.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 452.431+/-0.171 χ^2/NDF : 13348360.0/25

cor_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -5.272+/-521.439 χ^2/NDF : 8.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

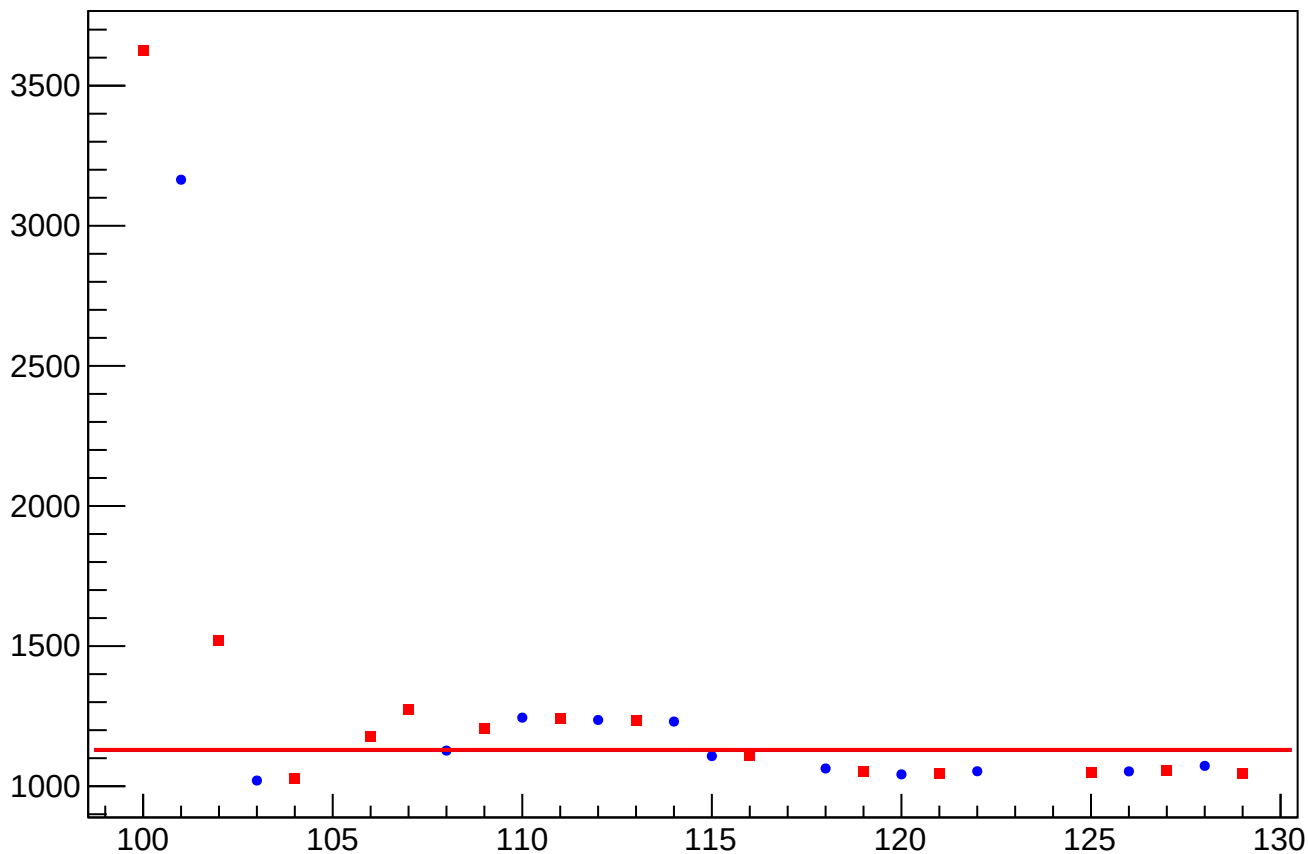
Right: -190.785+/-355.173 χ^2/NDF : 21.5/25

In: -5.272+/-521.439 χ^2/NDF : 8.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -190.785+/-355.173 χ^2/NDF : 21.5/25

cor_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1129.146+/-0.369 χ^2/NDF : 591828.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

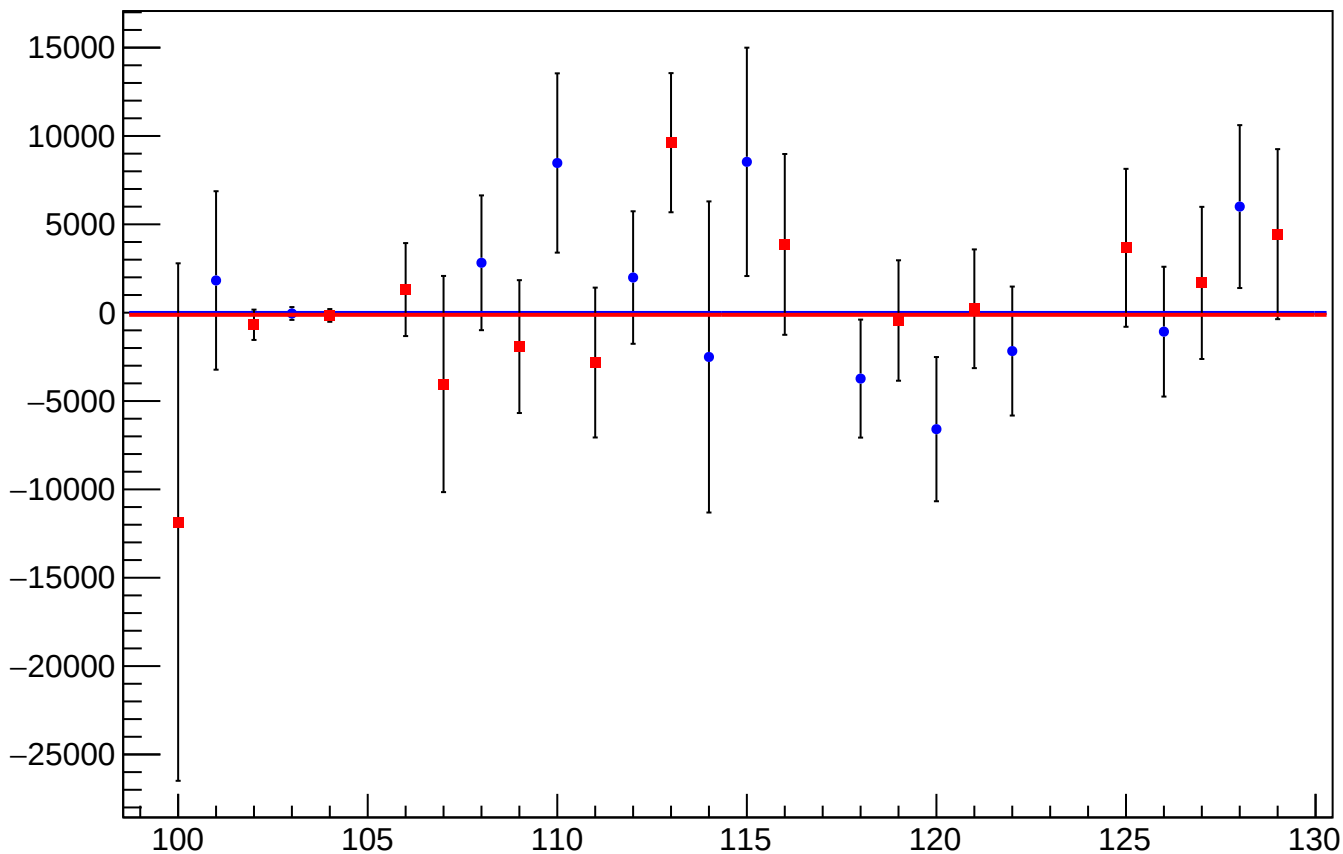
Right: 1129.365+/-0.251 χ^2/NDF : 785671.8/25

In: 1129.146+/-0.369 χ^2/NDF : 591828.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1129.365+/-0.251 χ^2/NDF : 785671.8/25

asym_us_avg_atlr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -15.420 ± 348.771 χ^2/NDF : 11.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

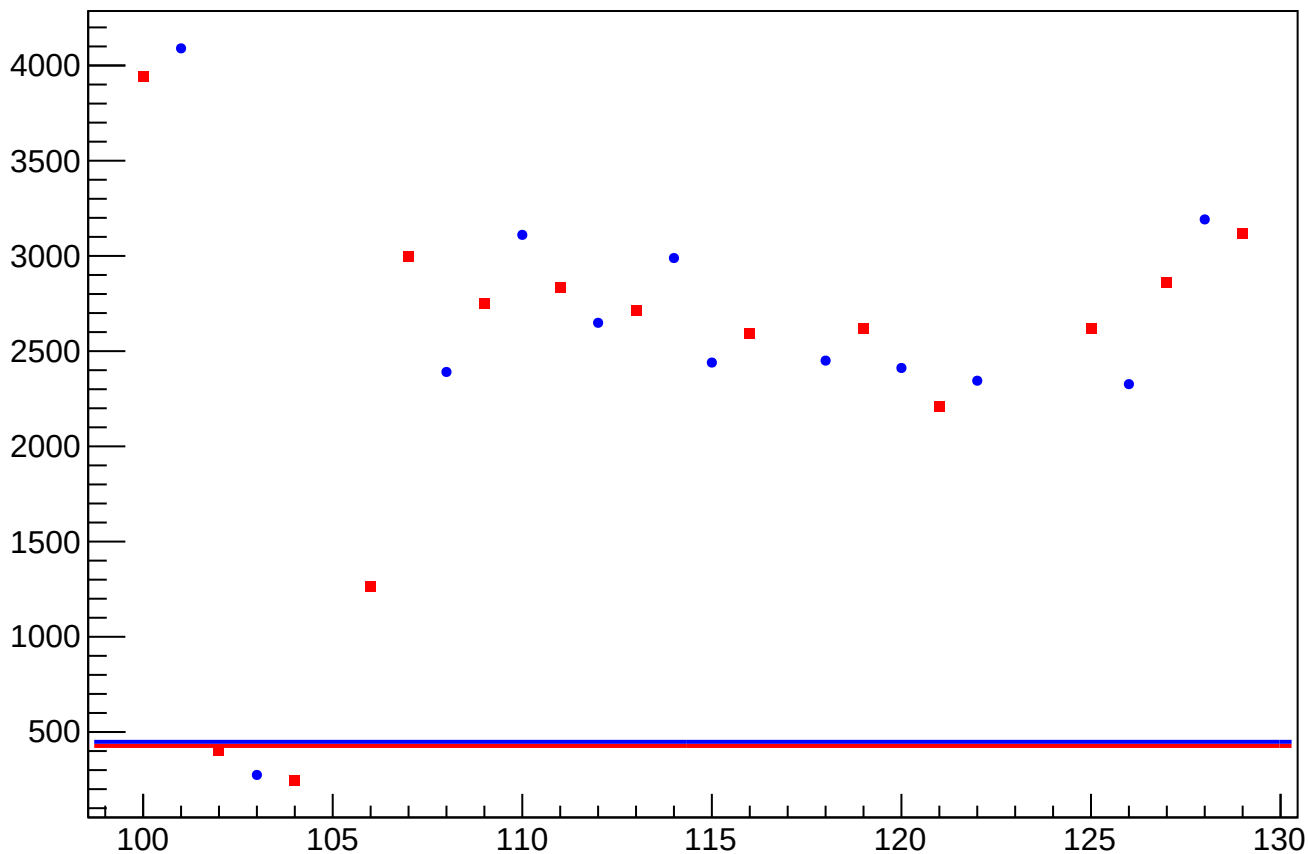
Right: -72.468 ± 235.688 χ^2/NDF : 22.6/25

In: -15.420 ± 348.771 χ^2/NDF : 11.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -72.468 ± 235.688 χ^2/NDF : 22.6/25

asym_us_avg_atlr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 448.428+/-0.247 χ^2/NDF : 6568653.0/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

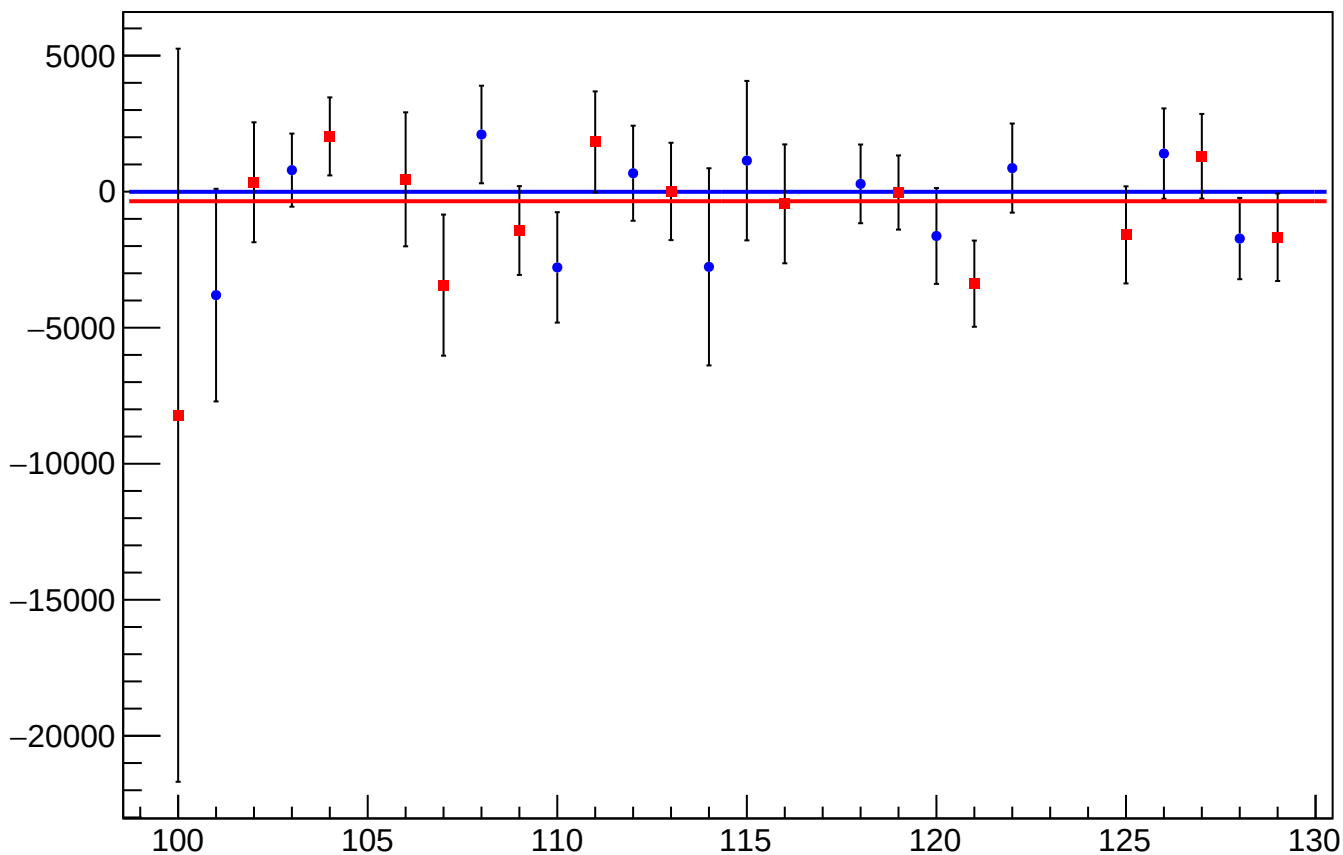
Right: 436.706+/-0.167 χ^2/NDF : 13342079.7/25

In: 448.428+/-0.247 χ^2/NDF :6568653.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 436.706+/-0.167 χ^2/NDF : 13342079.7/25

eigen_cor_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -5.272+/-521.439 χ^2/NDF : 8.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

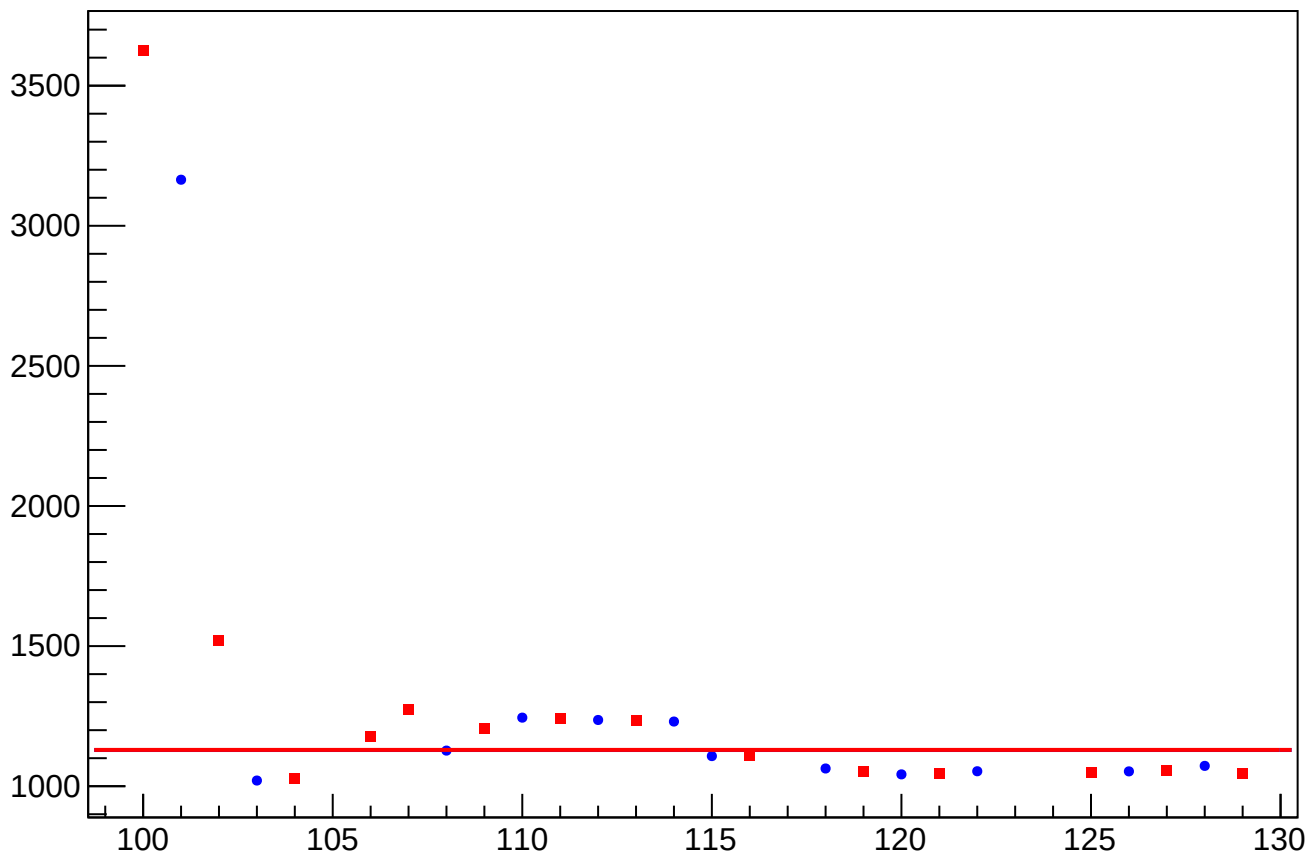
Right: -190.785+/-355.173 χ^2/NDF : 21.5/25

In: -5.272+/-521.439 χ^2/NDF :8.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -190.785+/-355.173 χ^2/NDF : 21.5/25

eigen_cor_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1129.146+/-0.369 χ^2/NDF : 591828.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

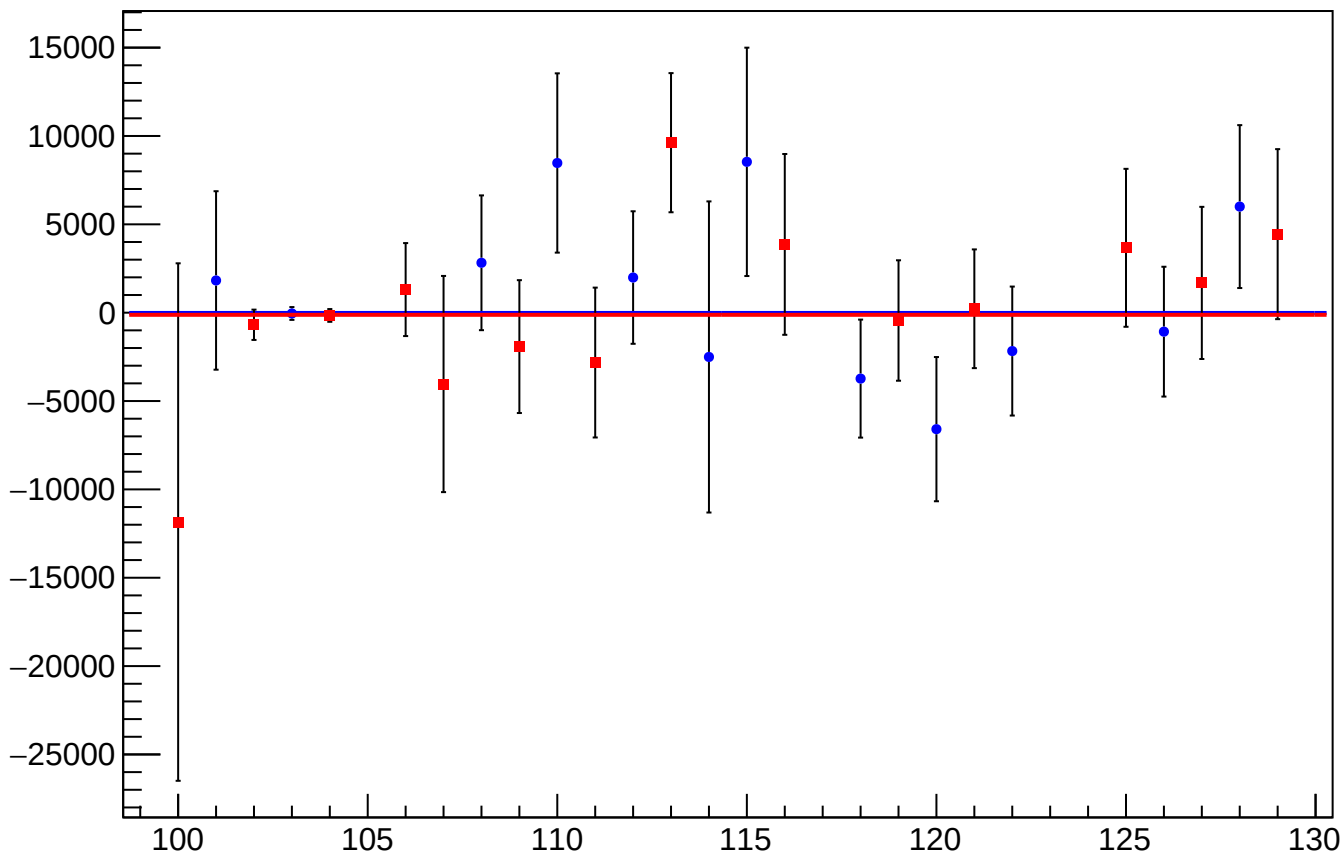
Right: 1129.365+/-0.251 χ^2/NDF : 785671.8/25

In: 1129.146+/-0.369 χ^2/NDF : 591828.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1129.365+/-0.251 χ^2/NDF : 785671.8/25

asym_us_avg_atlr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -15.420+/-348.771 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

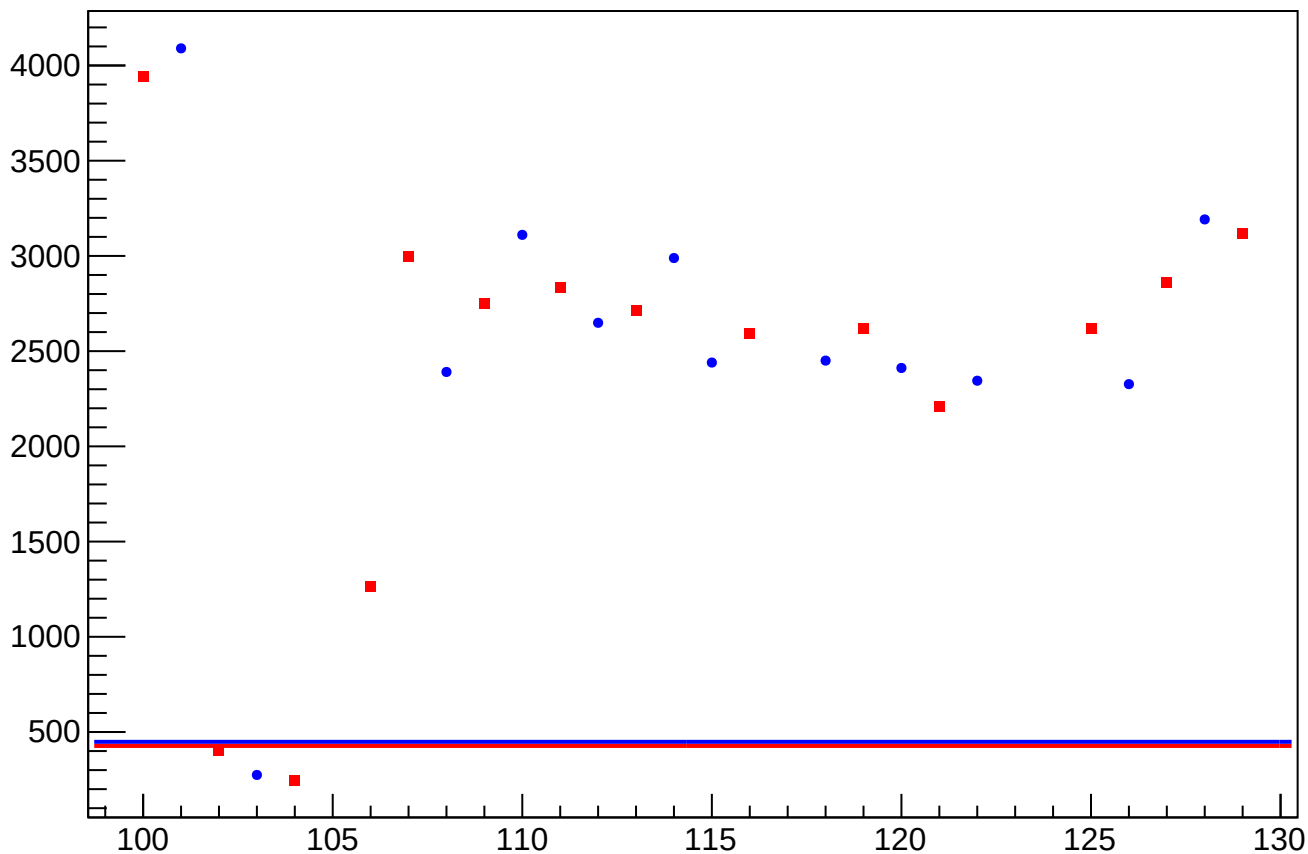
Right: -72.468+/-235.688 χ^2/NDF : 22.6/25

In: -15.420+/-348.771 χ^2/NDF : 11.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -72.468+/-235.688 χ^2/NDF : 22.6/25

asym_us_avg_atlr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 448.428+/-0.247 χ^2/NDF : 6568653.0/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

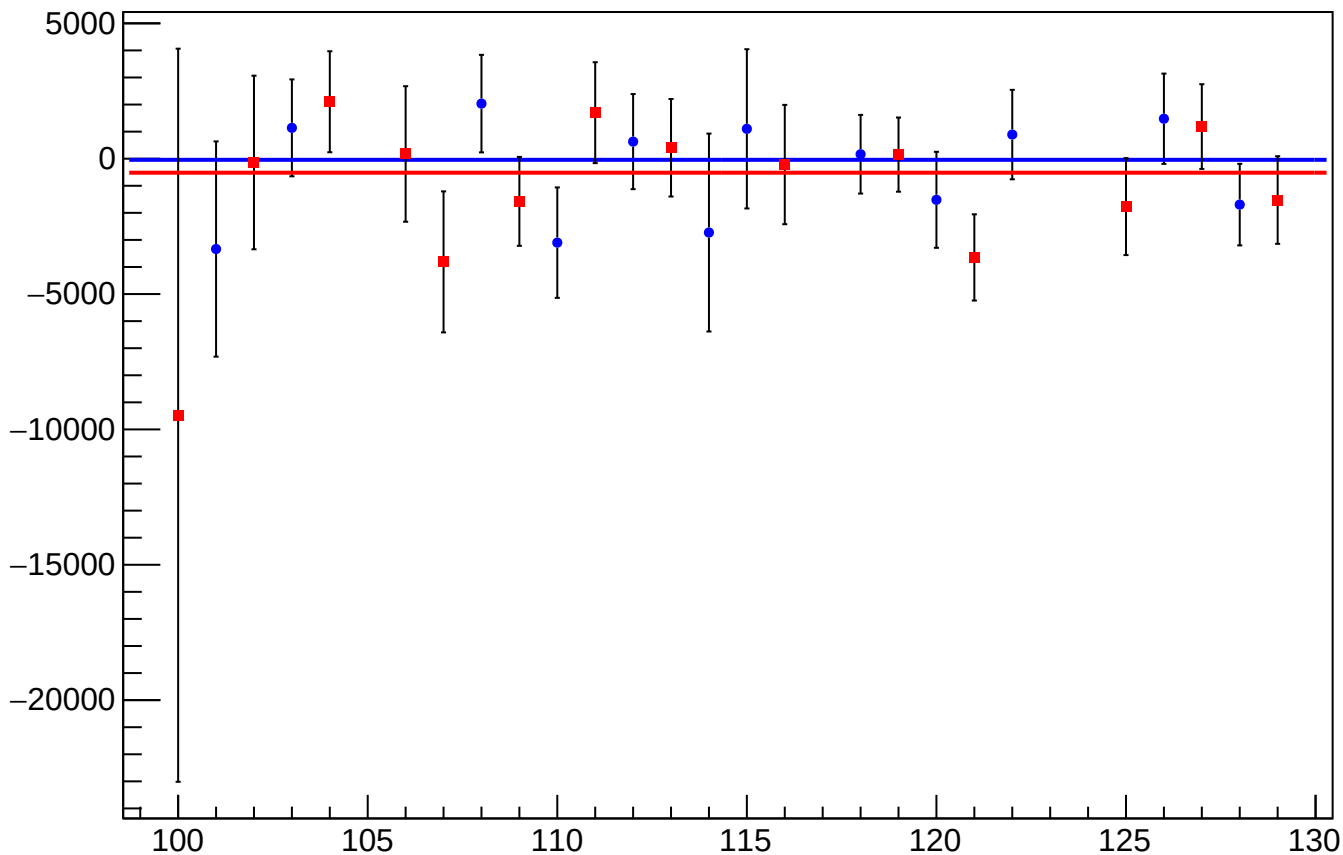
Right: 436.706+/-0.167 χ^2/NDF : 13342079.7/25

In: 448.428+/-0.247 χ^2/NDF :6568653.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 436.706+/-0.167 χ^2/NDF : 13342079.7/25

dit_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -41.380 ± 542.609 χ^2/NDF : 8.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

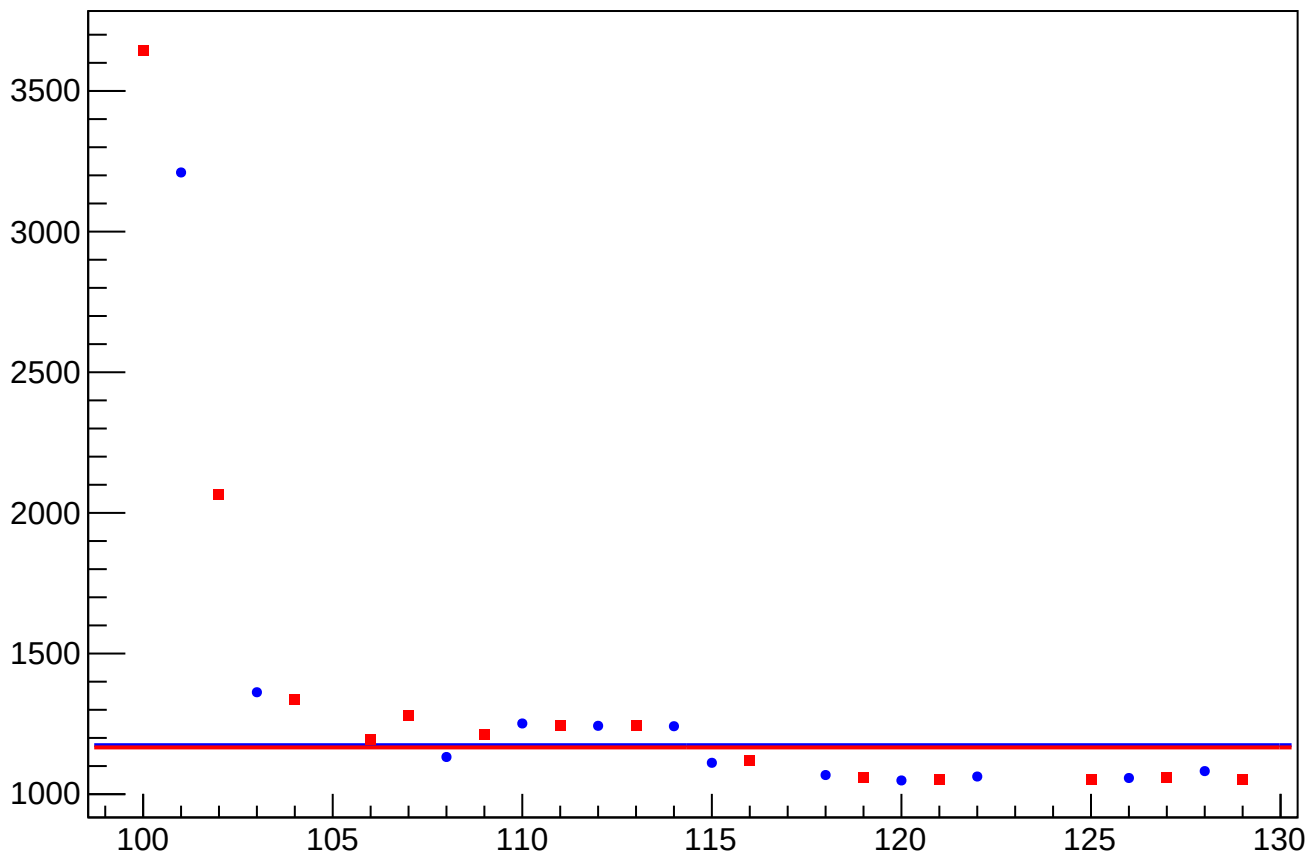
Right: -295.738 ± 370.230 χ^2/NDF : 21.4/25

In: -41.380 ± 542.609 χ^2/NDF : 8.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -295.738 ± 370.230 χ^2/NDF : 21.4/25

dit_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1174.164+/-0.384 χ^2/NDF : 602282.8/11

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

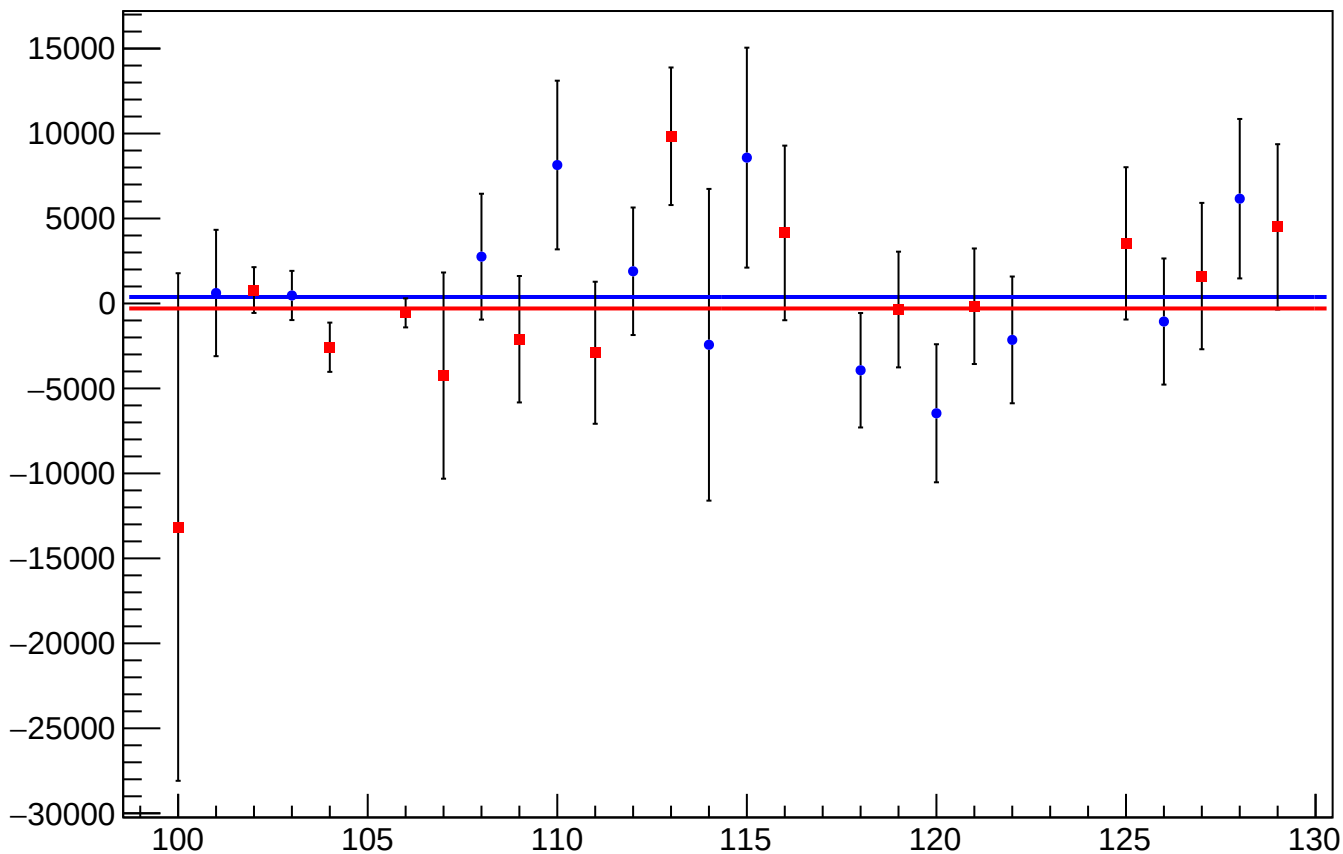
Right: 1169.937+/-0.262 χ^2/NDF : 907886.4/25

In: 1174.164+/-0.384 χ^2/NDF : 602282.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1169.937+/-0.262 χ^2/NDF : 907886.4/25

asym_us_avg_atlr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 380.456+/-949.733 χ^2/NDF : 11.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

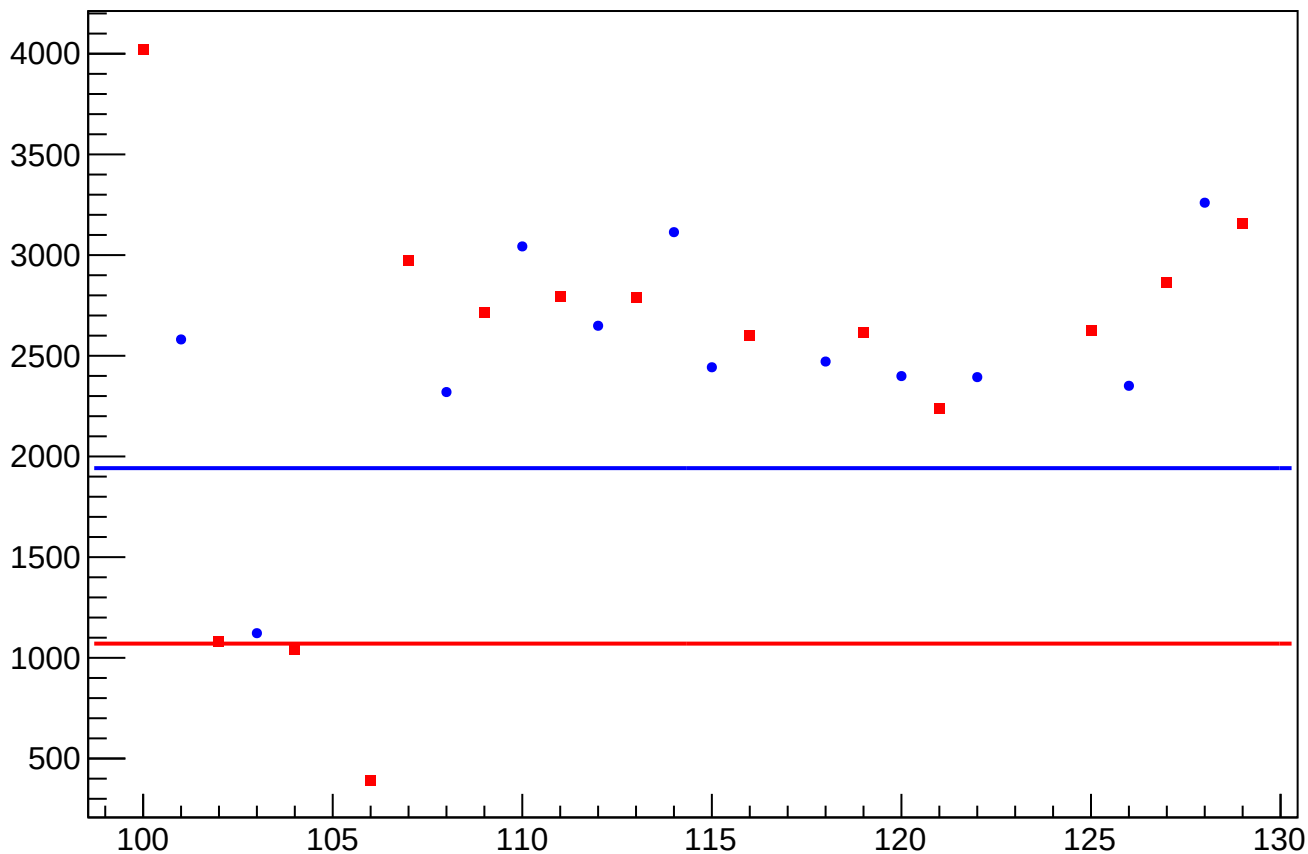
Right: -111.605+/-494.687 χ^2/NDF : 25.6/25

In: 380.456+/-949.733 χ^2/NDF : 11.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -111.605+/-494.687 χ^2/NDF : 25.6/25

asym_us_avg_atlr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1942.007+/-0.672 χ^2/NDF : 1221419.7/11

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

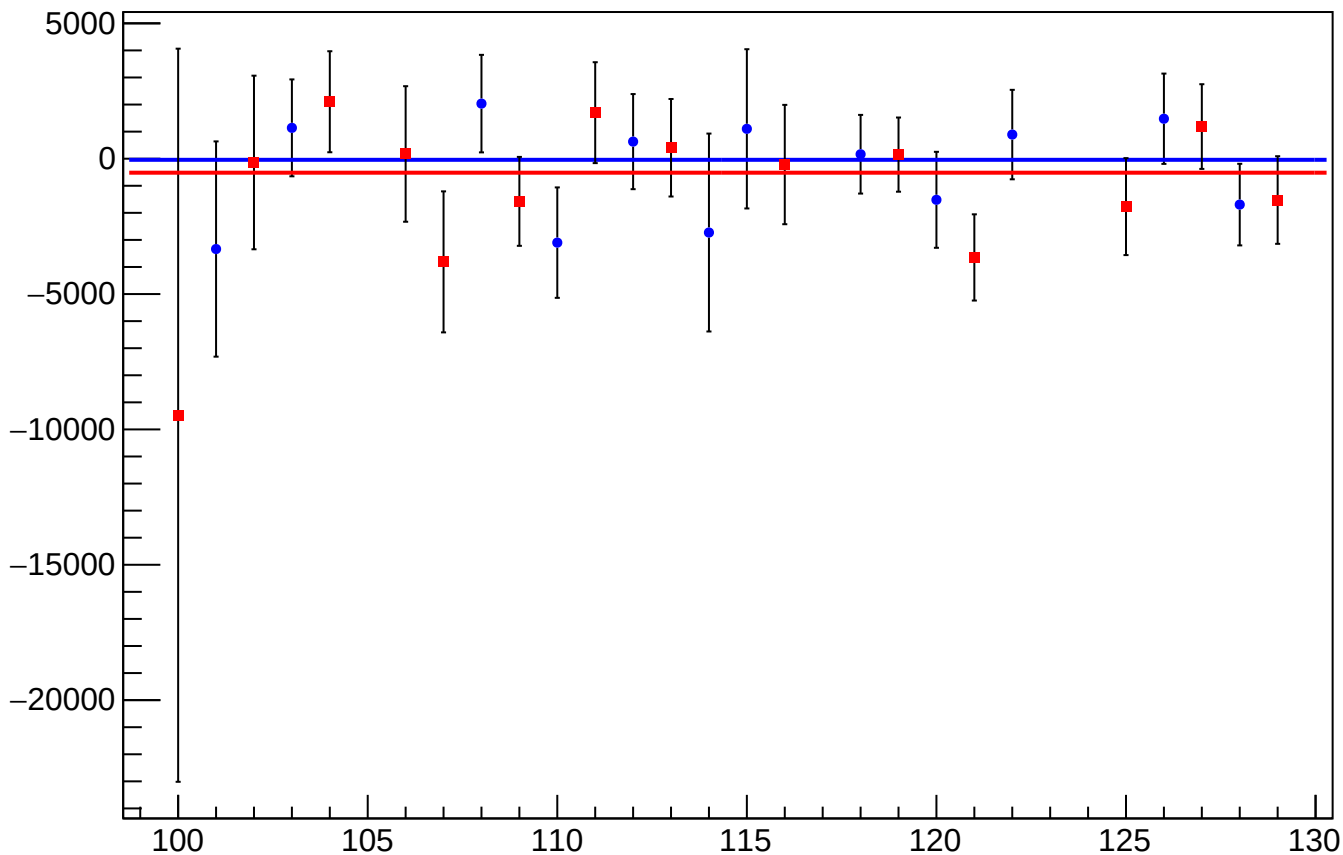
Right: 1307.041+/-0.350 χ^2/NDF : 6865656.9/25

In: 1942.007+/-0.672 χ^2/NDF : 1221419.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1307.041+/-0.350 χ^2/NDF : 6865656.9/25

eigen_dit_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -41.380 ± 542.609 χ^2/NDF : 8.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

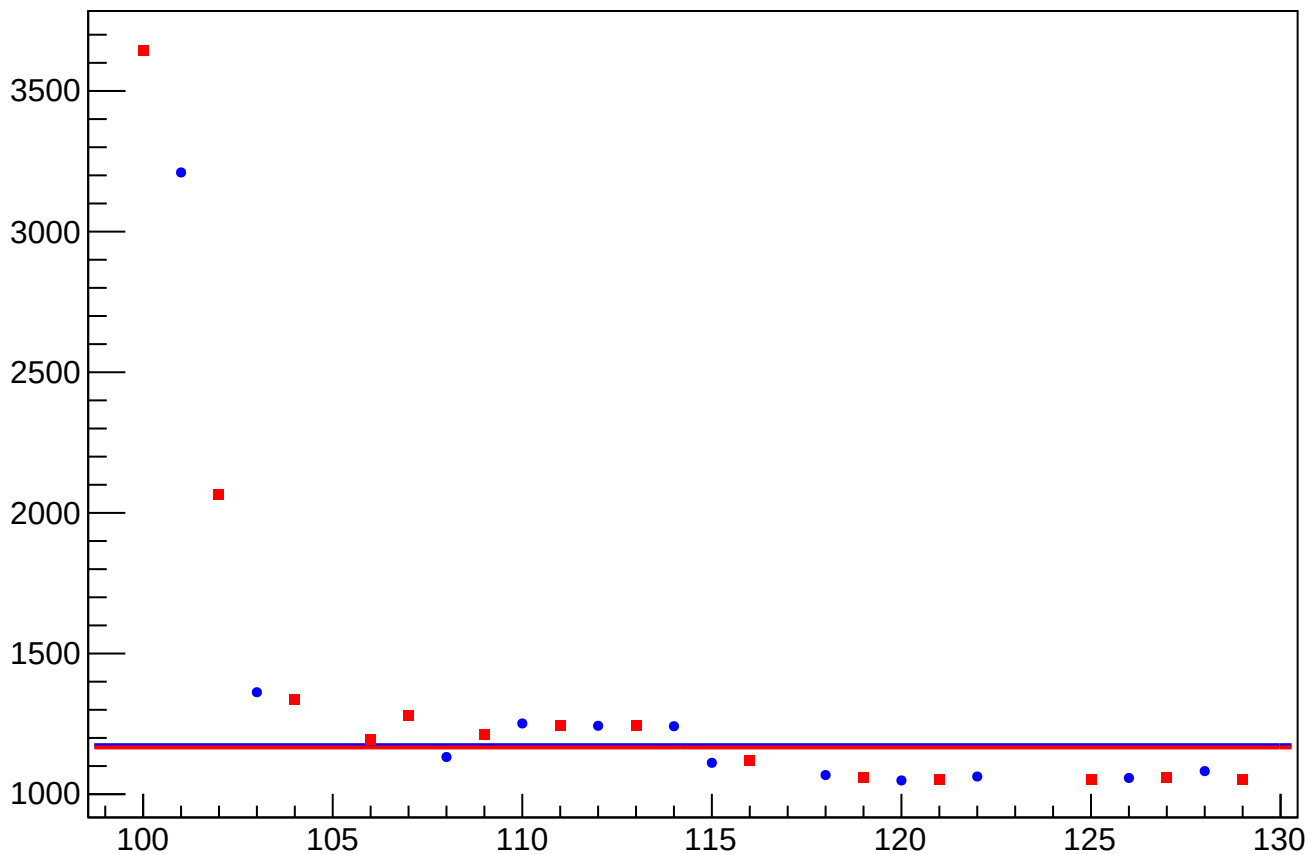
Right: -295.742 ± 370.230 χ^2/NDF : 21.4/25

In: -41.380 ± 542.609 χ^2/NDF : 8.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -295.742 ± 370.230 χ^2/NDF : 21.4/25

eigen_dit_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1174.164+/-0.384 χ^2/NDF : 602282.8/11

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

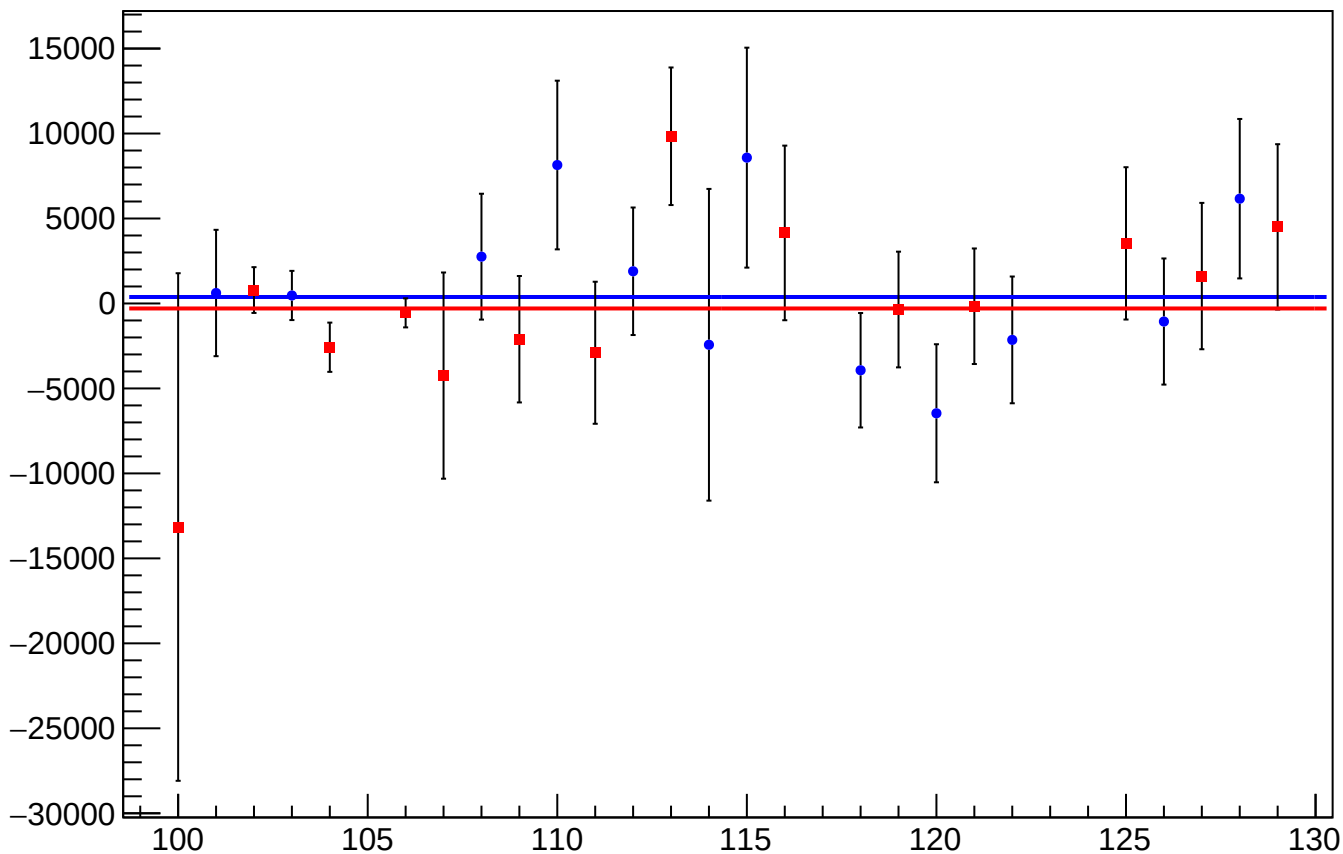
Right: 1169.937+/-0.262 χ^2/NDF : 907886.2/25

In: 1174.164+/-0.384 χ^2/NDF : 602282.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1169.937+/-0.262 χ^2/NDF : 907886.2/25

asym_us_avg_atlr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 380.452+/-949.731 χ^2/NDF : 11.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -294.811+/-579.498 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

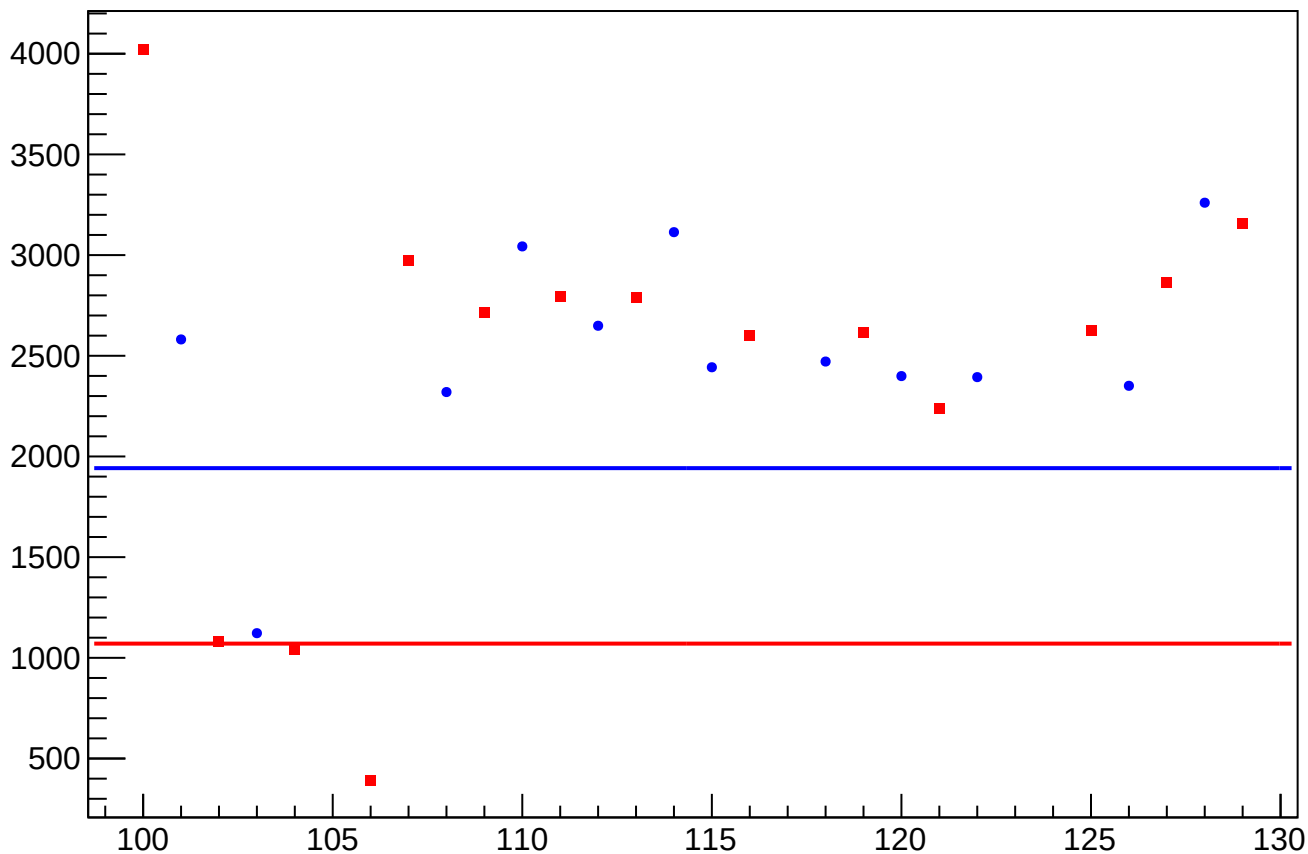
Right: -111.612+/-494.682 χ^2/NDF : 25.6/25

In: 380.452+/-949.731 χ^2/NDF : 11.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -111.612+/-494.682 χ^2/NDF : 25.6/25

asym_us_avg_atlr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1942.004+/-0.672 χ^2/NDF : 1221412.2/11

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

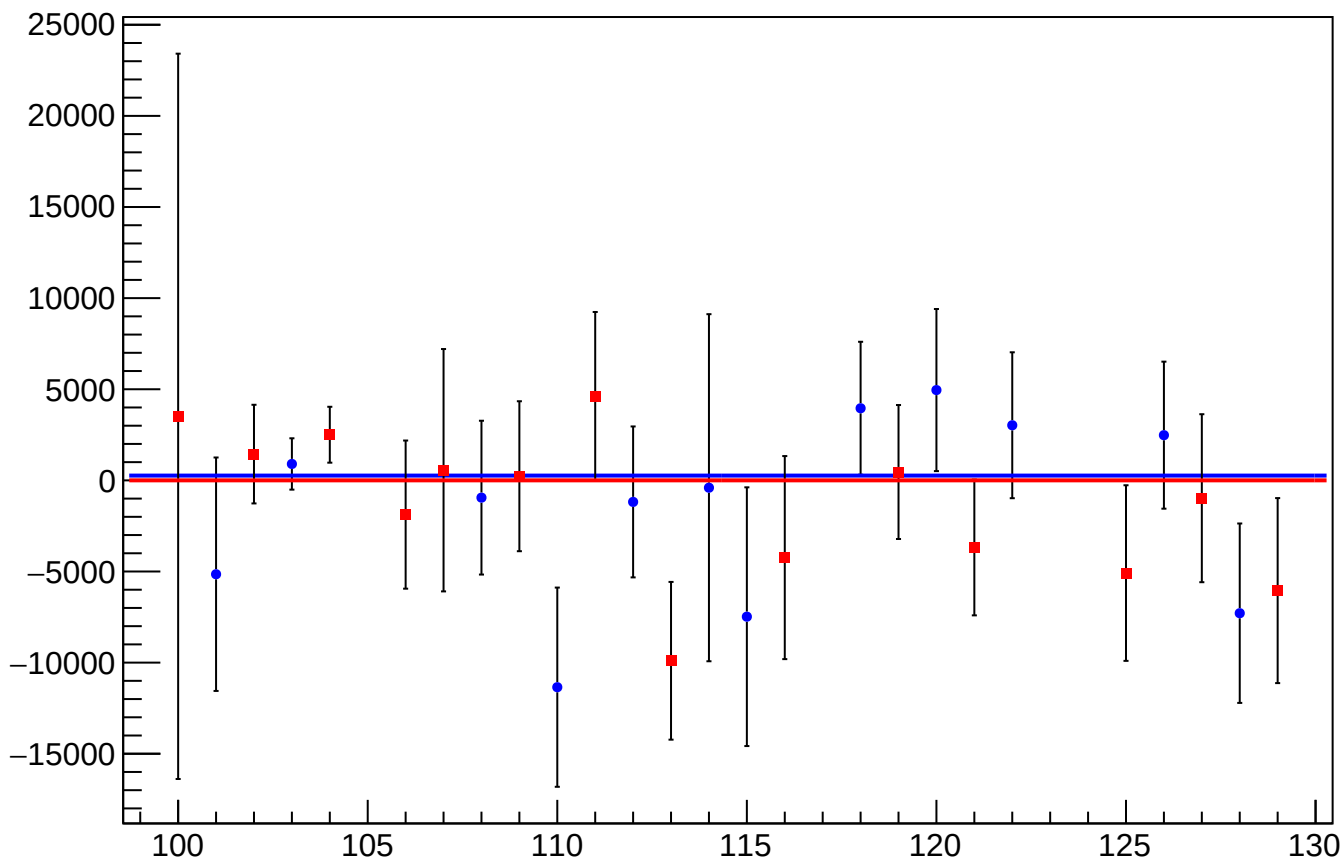
Right: 1307.021+/-0.350 χ^2/NDF : 6865814.3/25

In: 1942.004+/-0.672 χ^2/NDF : 1221412.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1307.021+/-0.350 χ^2/NDF : 6865814.3/25

asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 262.528+/-1000.983 χ^2/NDF : 12.1/11

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

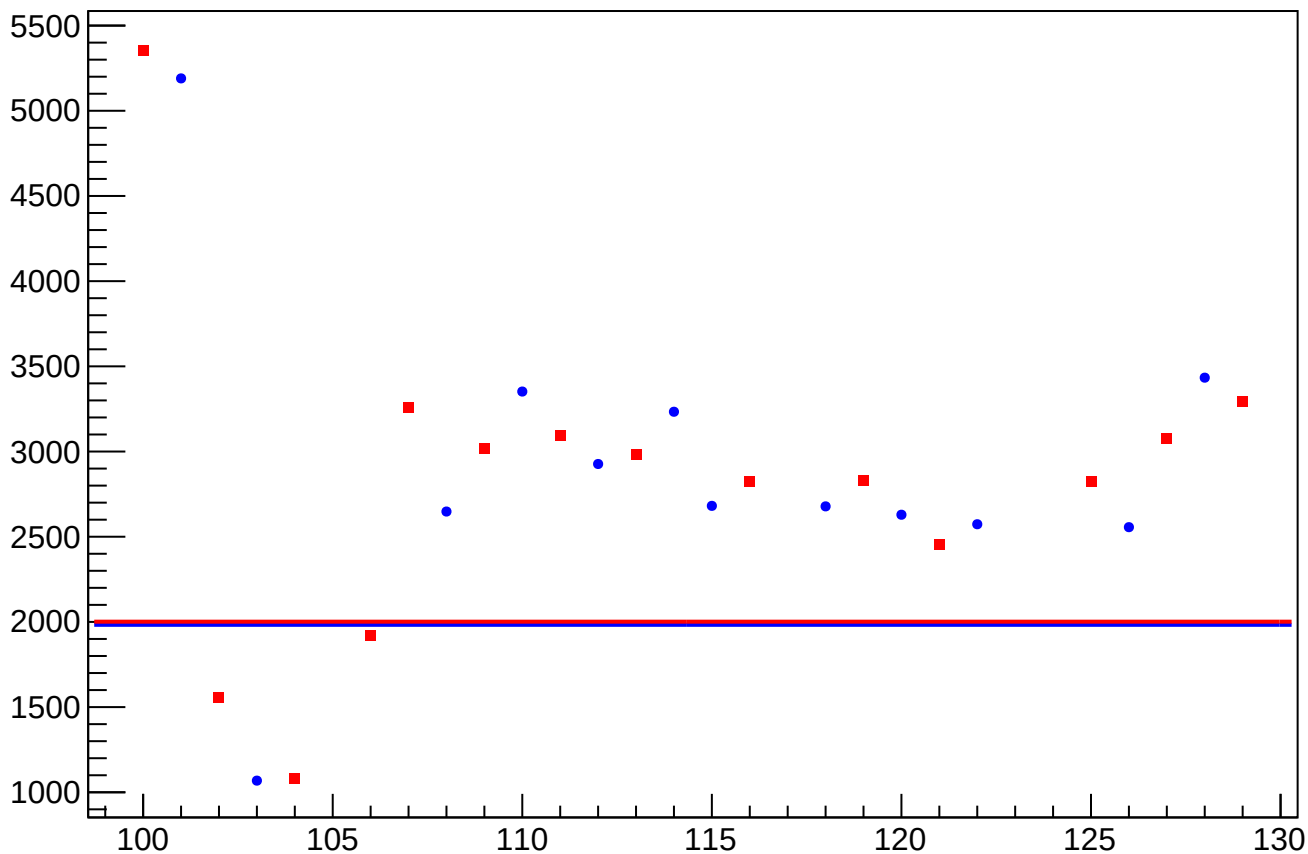
Right: 124.855+/-688.123 χ^2/NDF : 25.7/25

In: 262.528+/-1000.983 χ^2/NDF : 12.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.855+/-688.123 χ^2/NDF : 25.7/25

asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1982.946+/-0.708 χ^2/NDF : 2049762.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

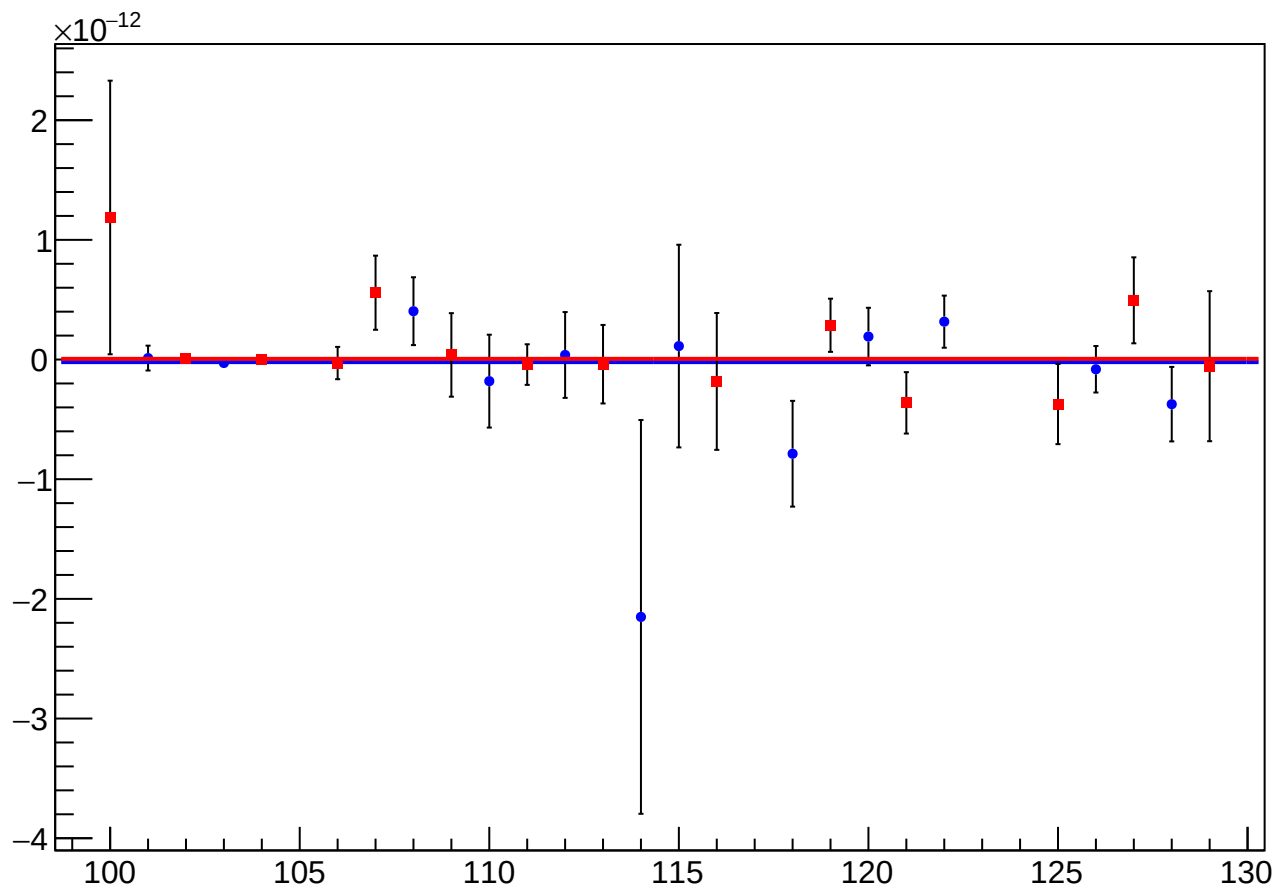
Right: 1992.721+/-0.486 χ^2/NDF : 3759540.6/25

In: 1982.946+/-0.708 χ^2/NDF : 2049762.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1992.721+/-0.486 χ^2/NDF : 3759540.6/25

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

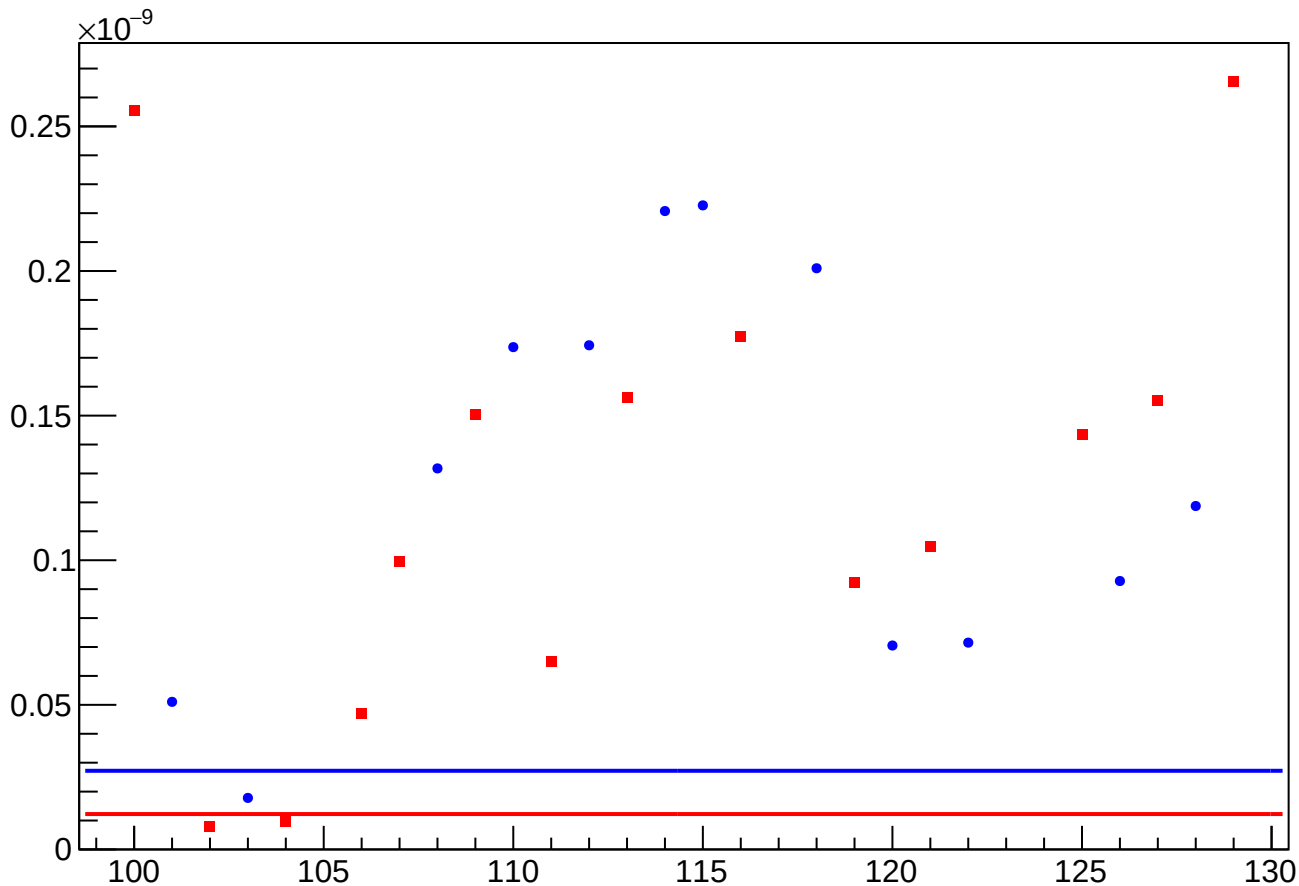
Right: -0.000+/-0.000 χ^2/NDF : 24.0/25

In: -0.000+/-0.000 χ^2/NDF : 11.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.0/25

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2201988.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

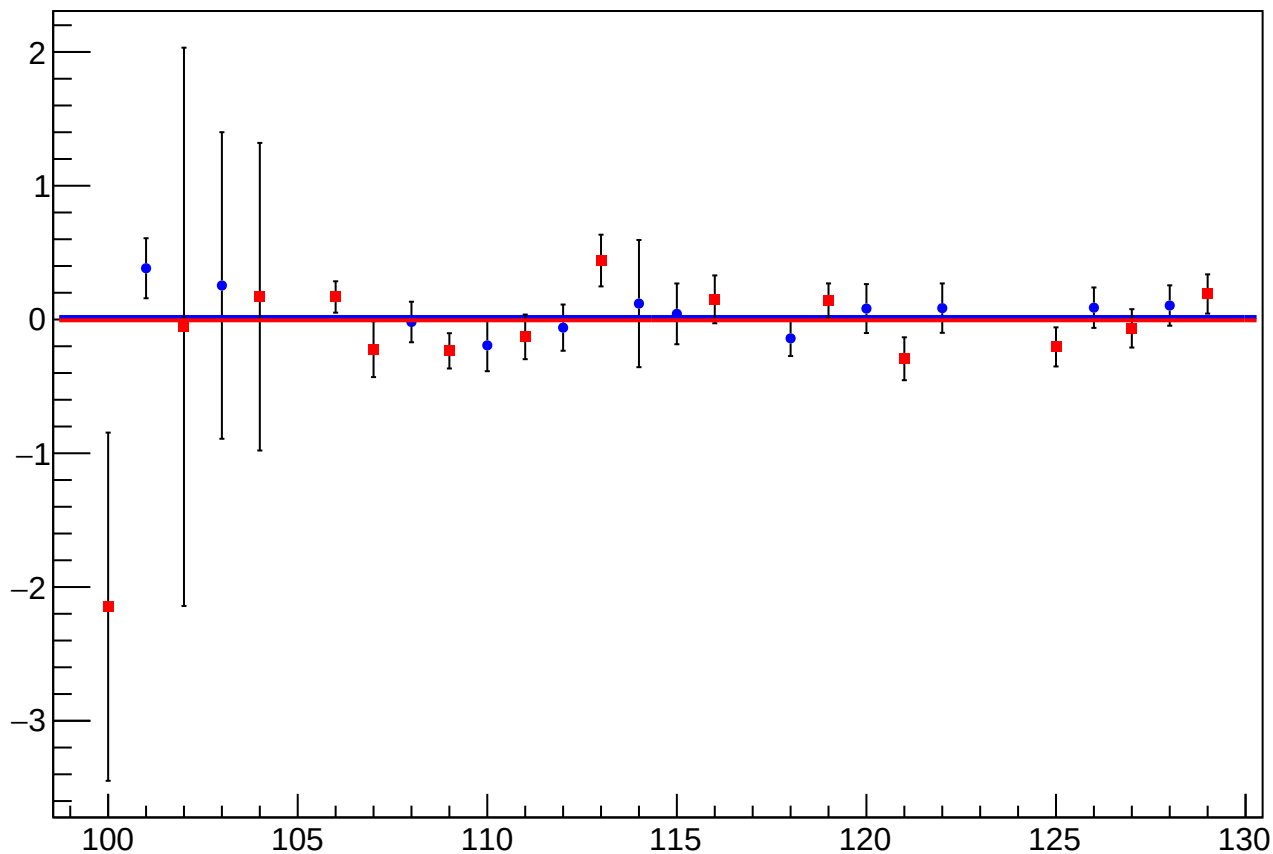
Right: 0.000+/-0.000 χ^2/NDF : 5679547.5/25

In: 0.000+/-0.000 χ^2/NDF : 2201988.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5679547.5/25

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.053 χ^2/NDF : 6.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.006+/-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

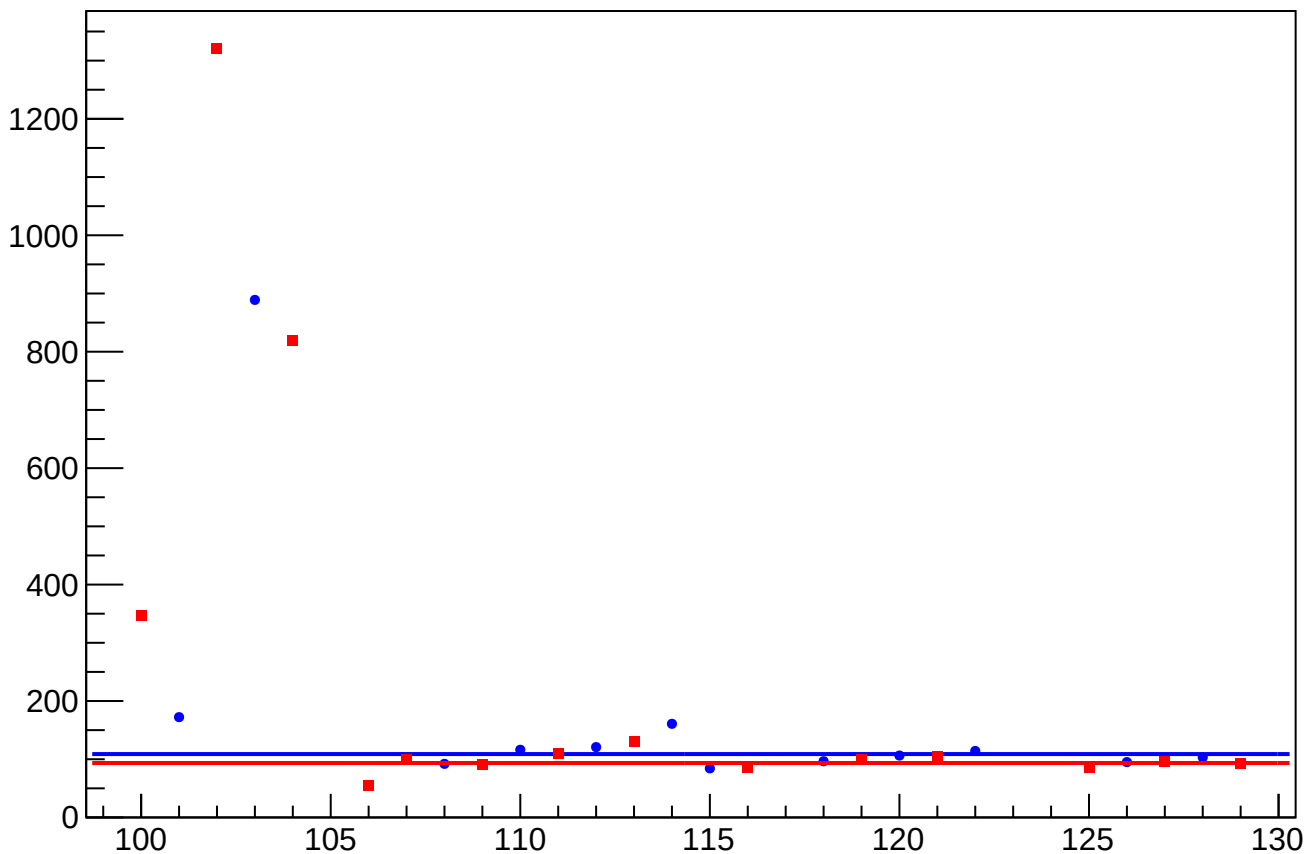
Right: 0.004+/-0.035 χ^2/NDF : 30.5/25

In: 0.018+/-0.053 χ^2/NDF : 6.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.035 χ^2/NDF : 30.5/25

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.886+/-0.038 χ^2/NDF : 1209782.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.539+/-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

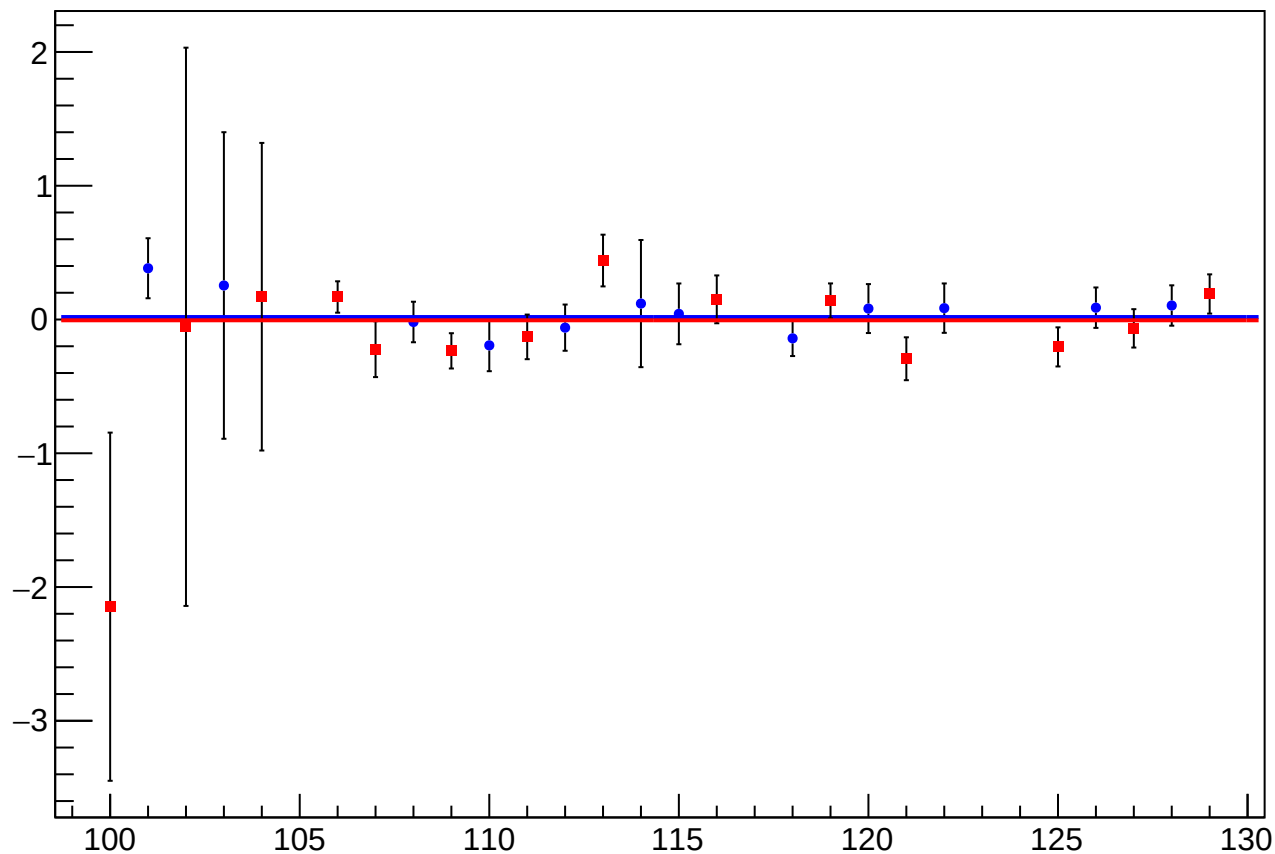
Right: 99.973+/-0.024 χ^2/NDF : 3205208.5/25

In: 108.886+/-0.038 χ^2/NDF : 1209782.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.973+/-0.024 χ^2/NDF : 3205208.5/25

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018 $\pm$ 0.053 χ^2 /NDF: 6.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.006 $\pm$ 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

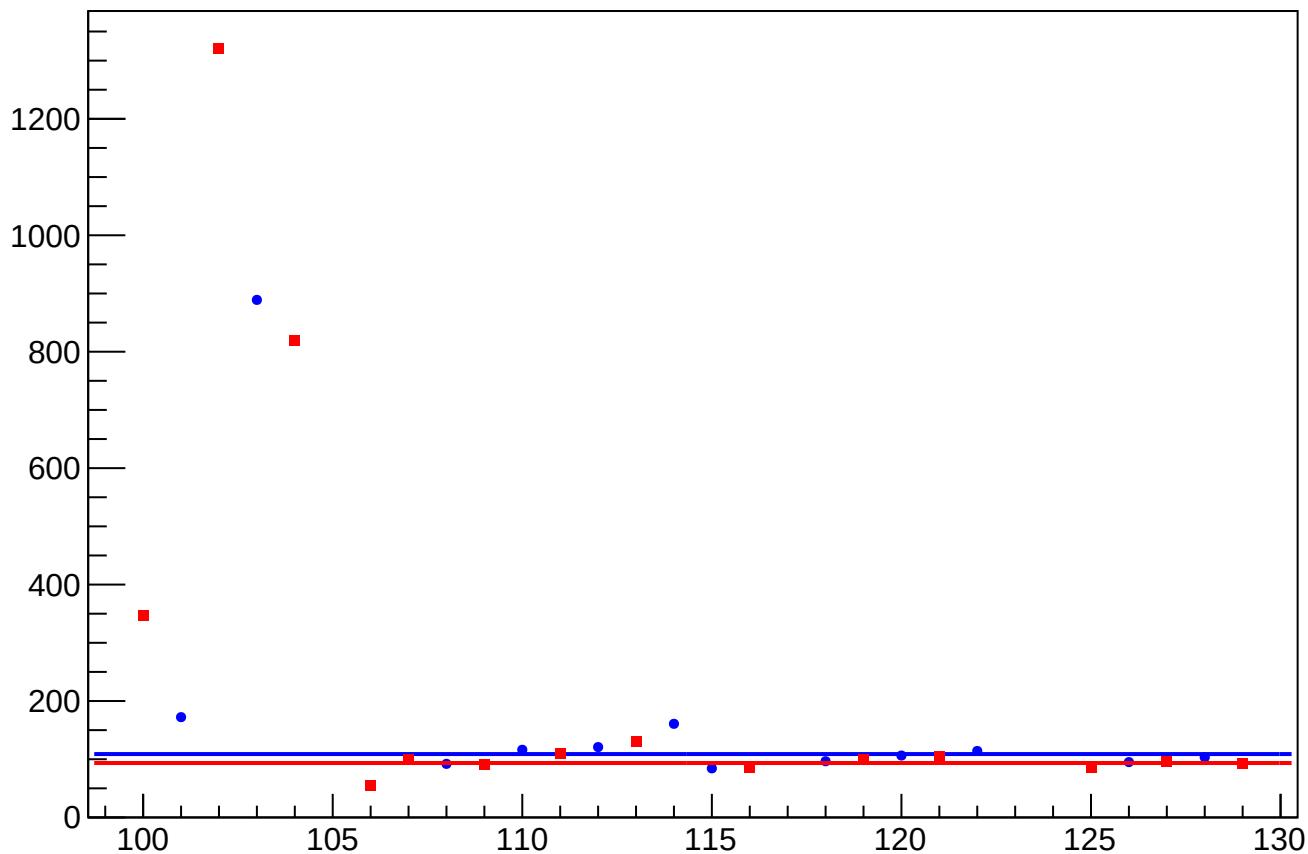
Right: 0.004 $\pm$ 0.035 χ^2 /NDF: 30.5/25

In: 0.018 $\pm$ 0.053 χ^2 /NDF:6.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.004 $\pm$ 0.035 χ^2 /NDF: 30.5/25

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.886+/-0.038 χ^2/NDF : 1209782.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.539+/-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

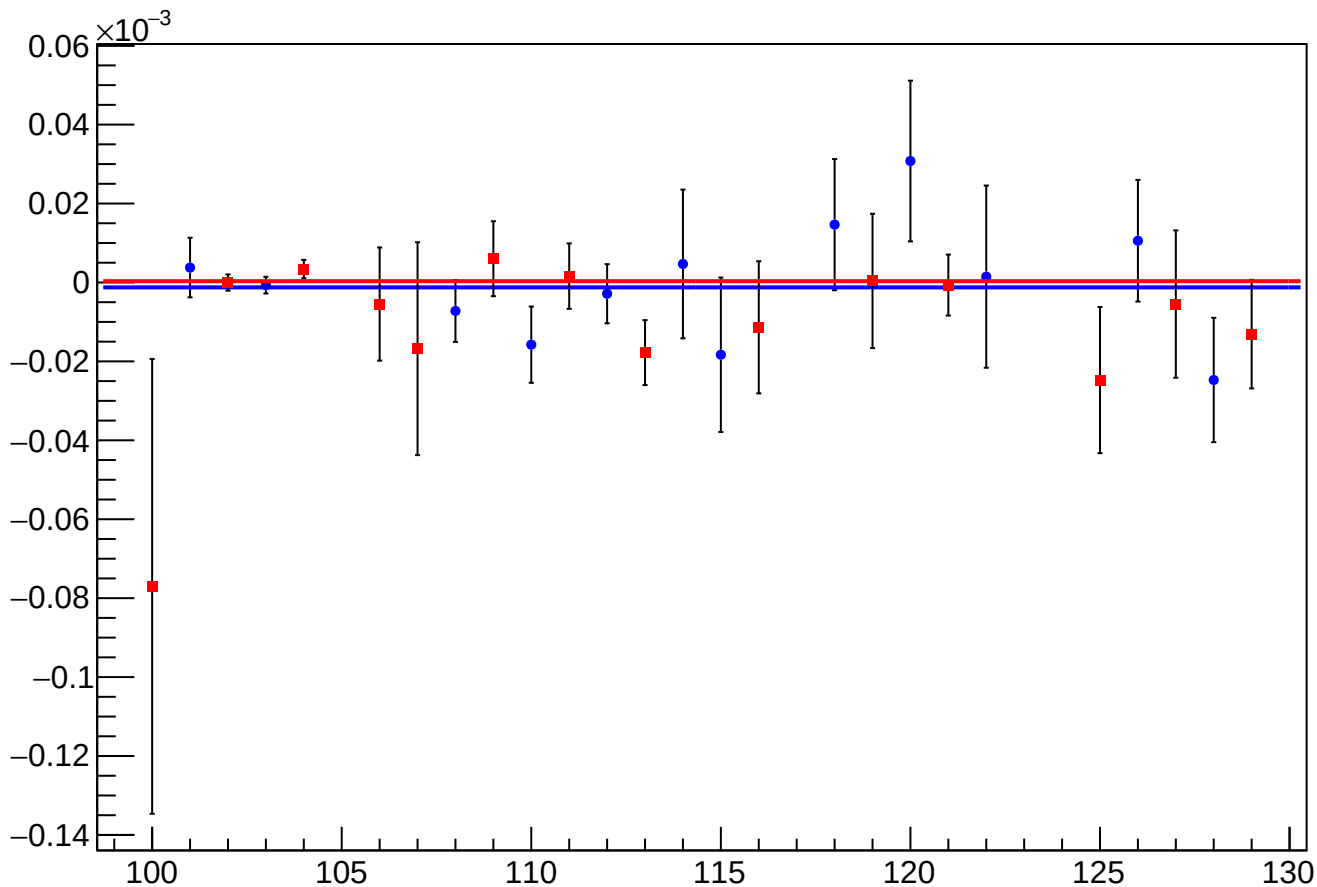
Right: 99.973+/-0.024 χ^2/NDF : 3205208.5/25

In: 108.886+/-0.038 χ^2/NDF : 1209782.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.973+/-0.024 χ^2/NDF : 3205208.5/25

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 : 10.5/11

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

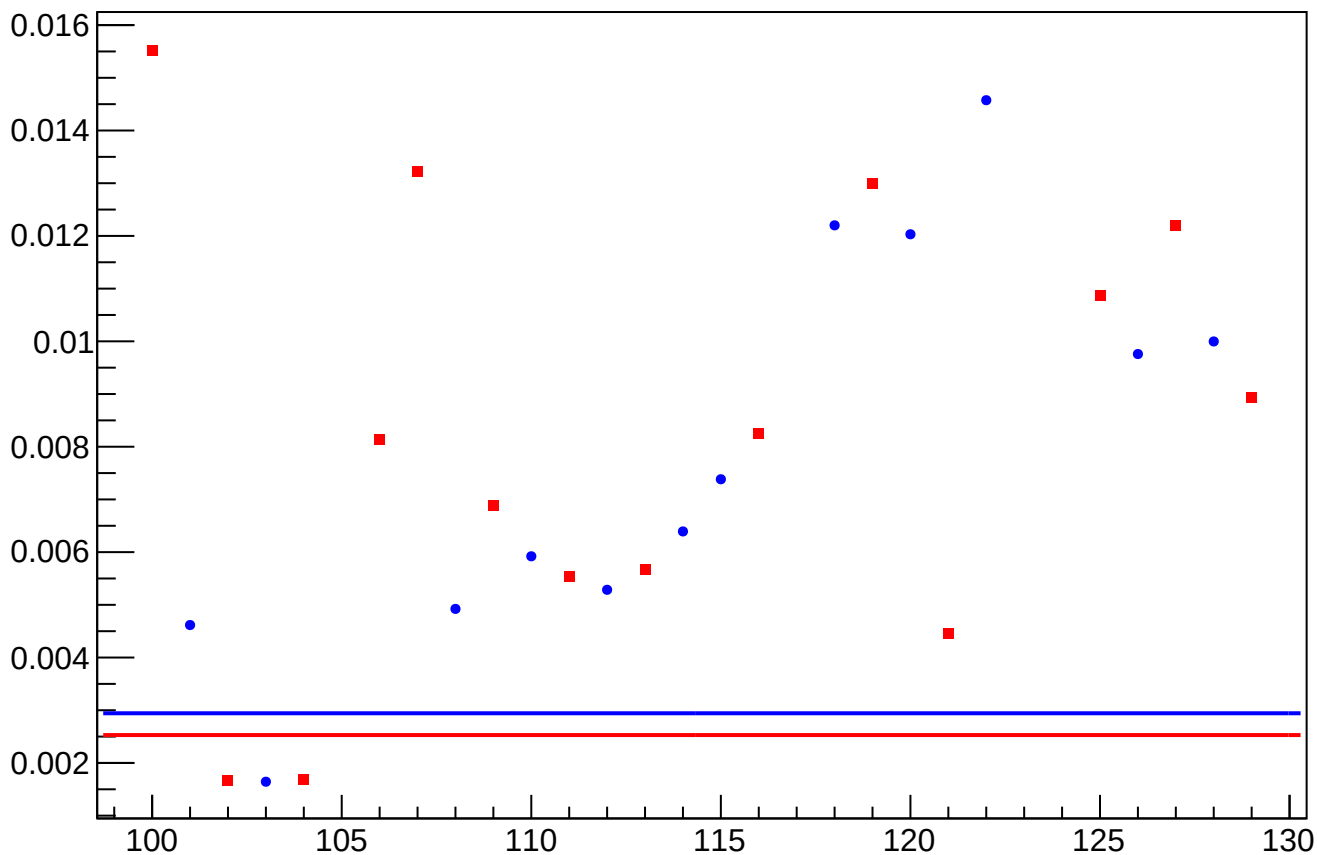
Right: -0.000+/-0.000 χ^2/NDF : 23.6/25

In: -0.000+/-0.000 χ^2/NDF : 10.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.6/25

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 : 3856144.1/11

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

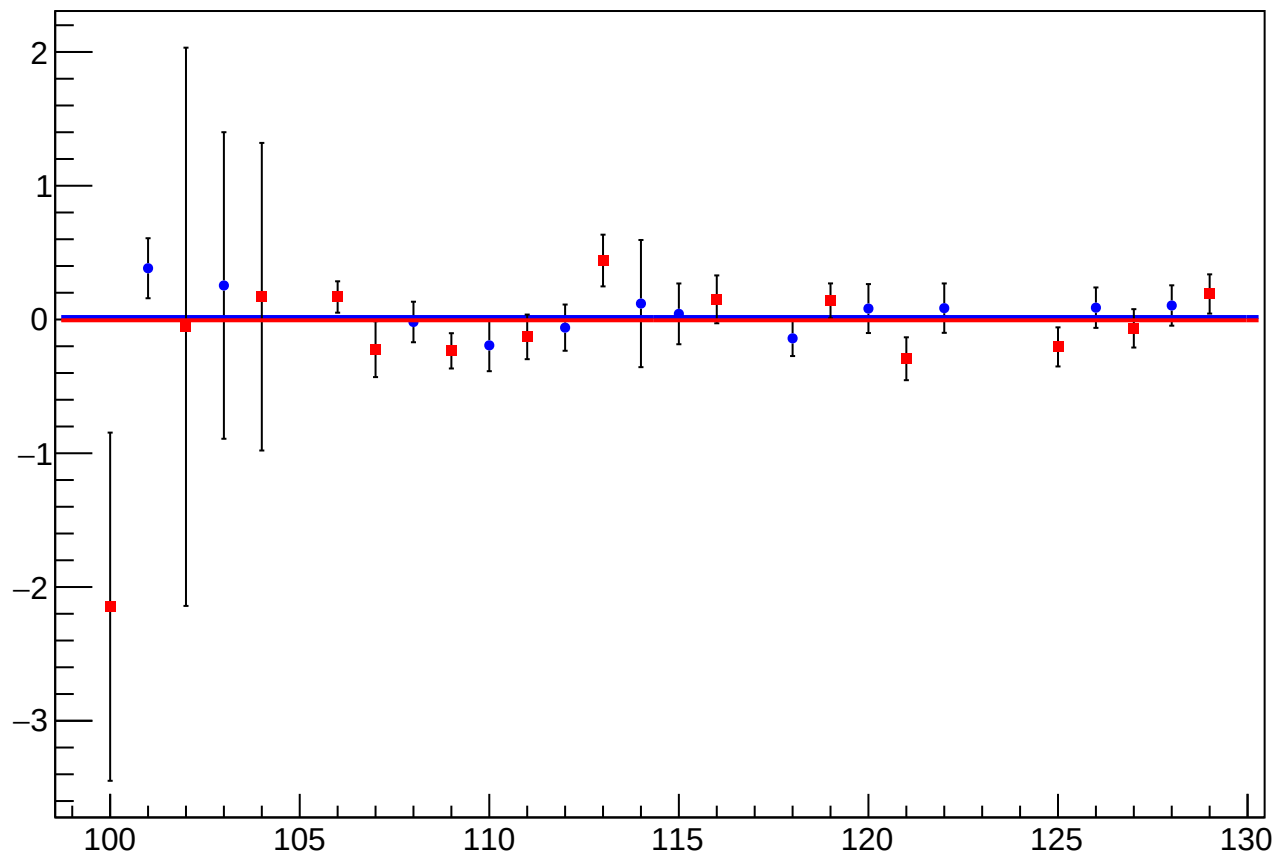
Right: 0.003+/-0.000 χ^2/NDF : 8723238.3/25

In: 0.003+/-0.000 χ^2/NDF :3856144.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 8723238.3/25

asym_us_avg_atlr_avg_dd_eigen_dit_vs_Slug, Sign Corrected



Right In: 0.018+/-0.053 χ^2/NDF : 6.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.006+/-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

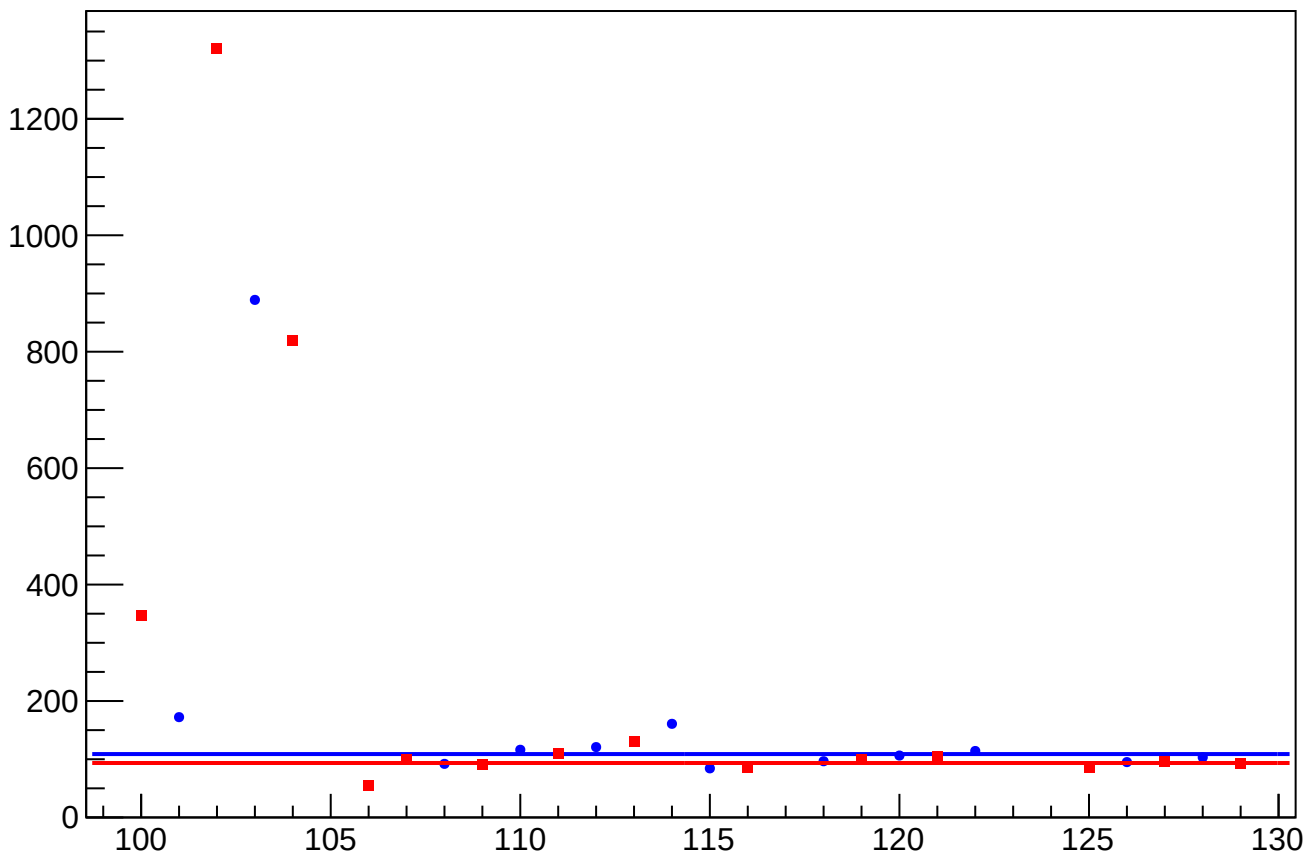
Right: 0.004+/-0.035 χ^2/NDF : 30.5/25

In: 0.018+/-0.053 χ^2/NDF : 6.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.035 χ^2/NDF : 30.5/25

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.886+/-0.038 χ^2/NDF : 1209774.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.538+/-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

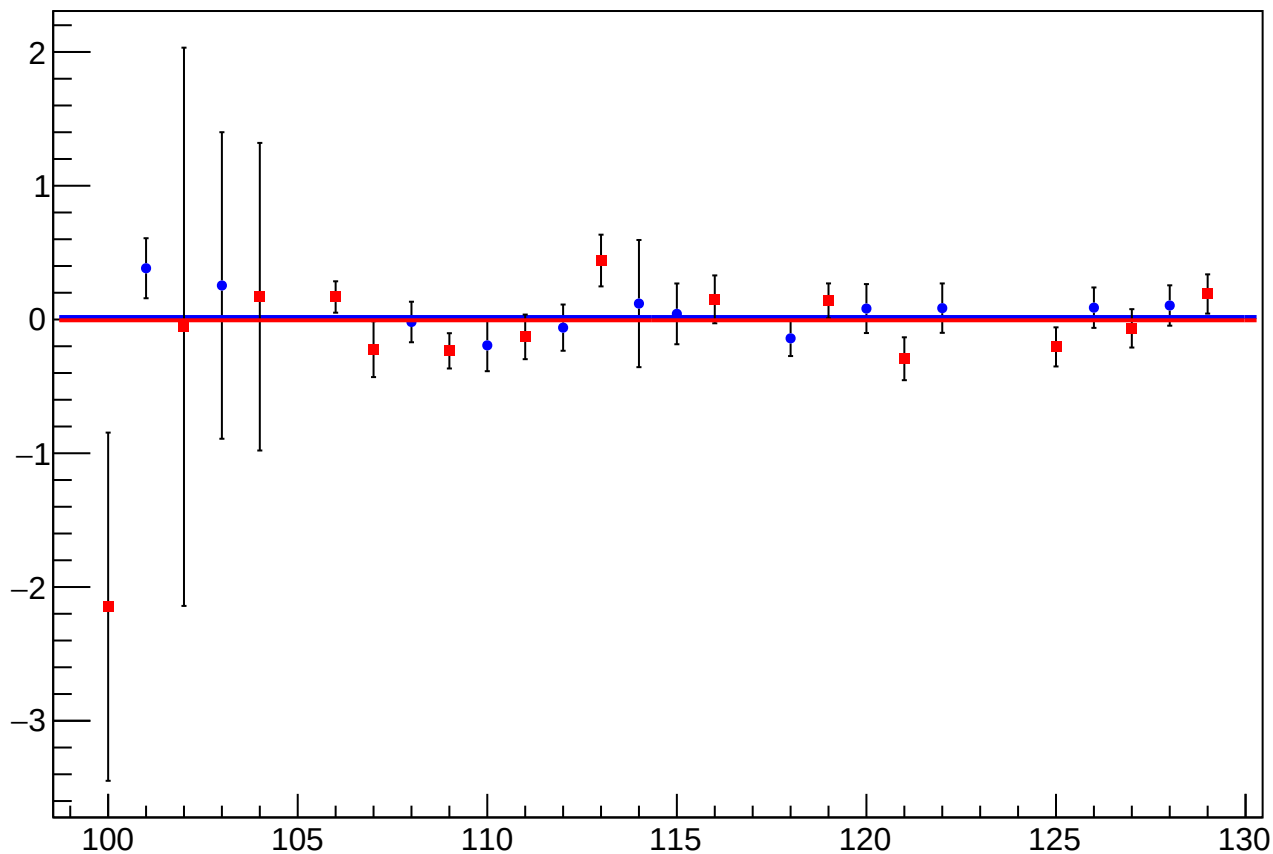
Right: 99.973+/-0.024 χ^2/NDF : 3205280.8/25

In: 108.886+/-0.038 χ^2/NDF : 1209774.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.973+/-0.024 χ^2/NDF : 3205280.8/25

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.053 χ^2/NDF : 6.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.006+/-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

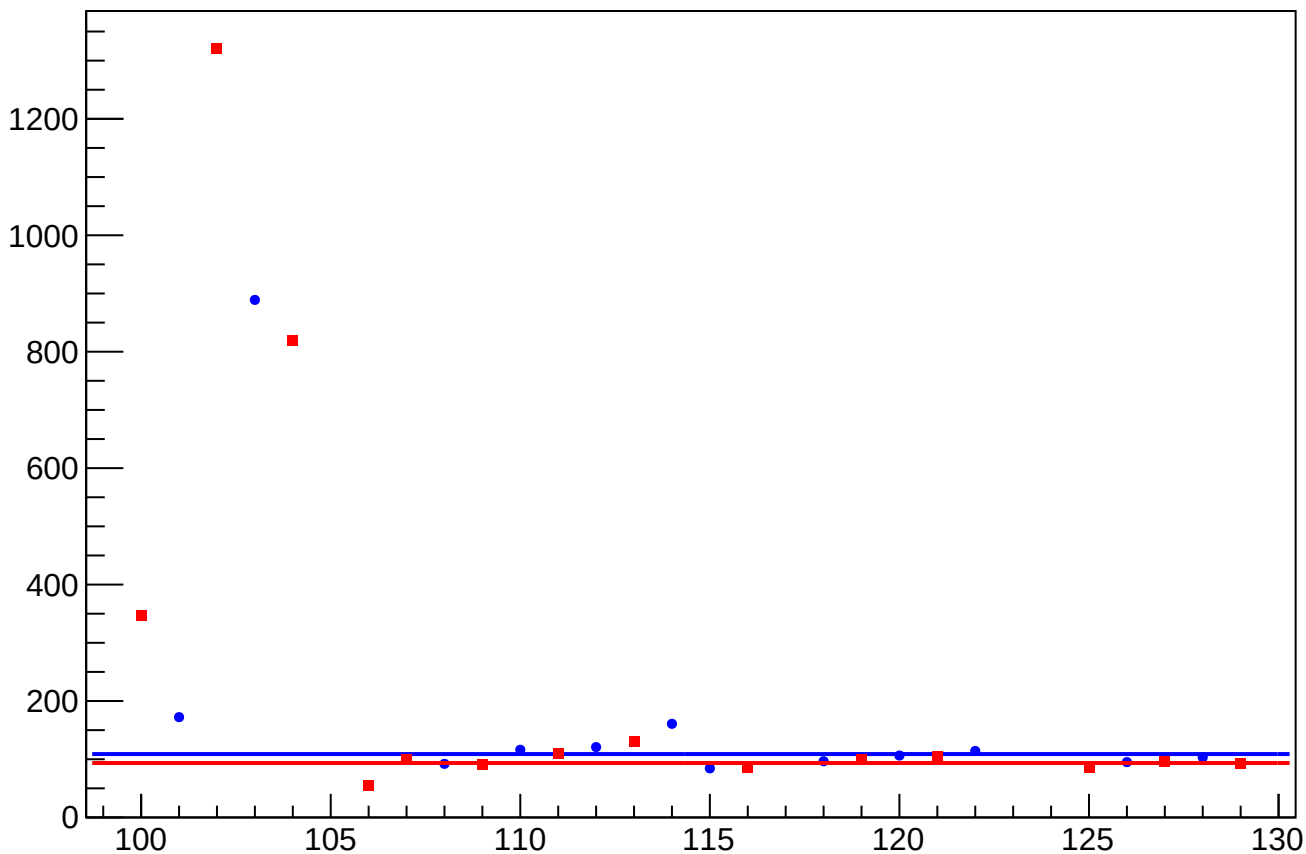
Right: 0.004+/-0.035 χ^2/NDF : 30.5/25

In: 0.018+/-0.053 χ^2/NDF : 6.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.035 χ^2/NDF : 30.5/25

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.886+/-0.038 χ^2/NDF : 1209774.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.538+/-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

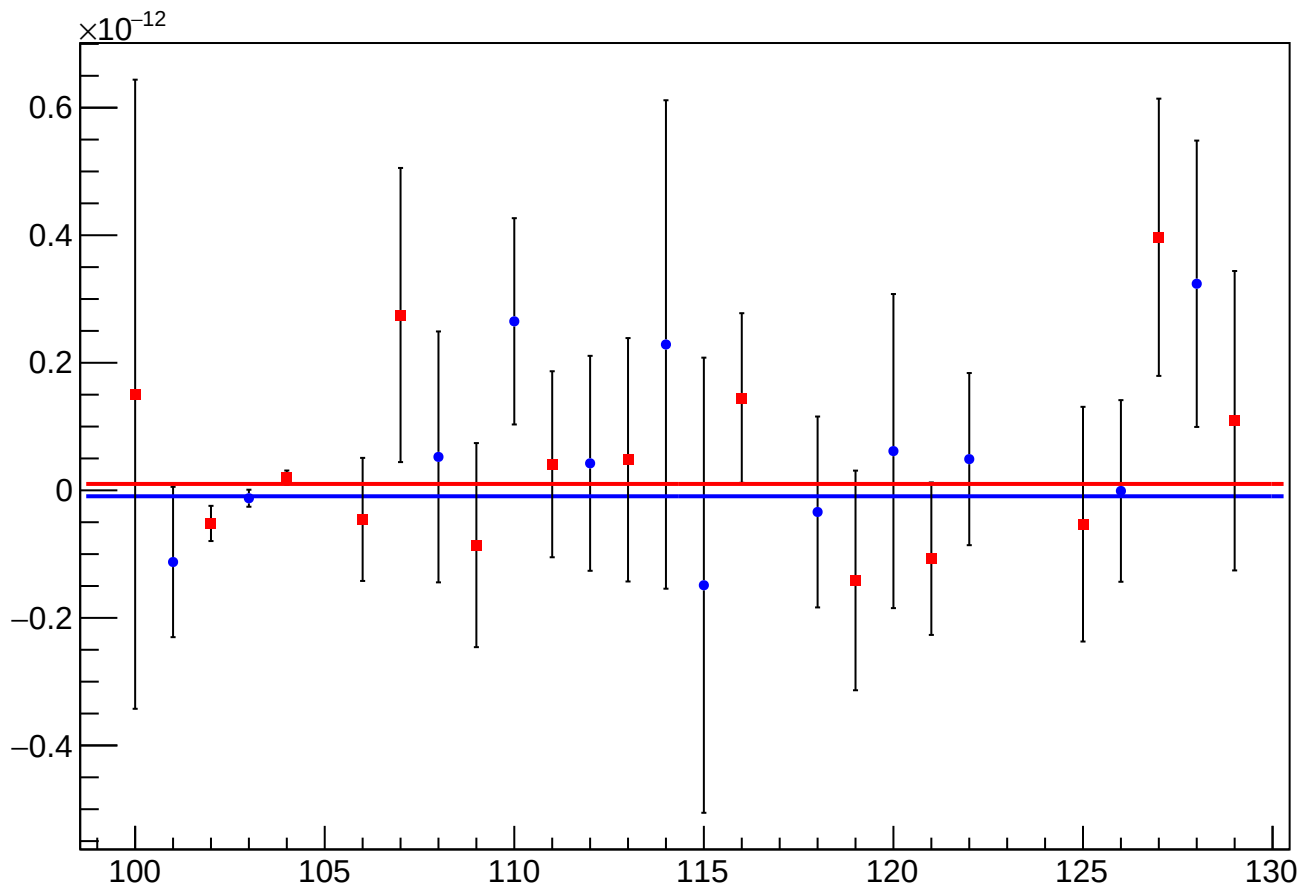
Right: 99.973+/-0.024 χ^2/NDF : 3205280.8/25

In: 108.886+/-0.038 χ^2/NDF : 1209774.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.973+/-0.024 χ^2/NDF : 3205280.8/25

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 : 6.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

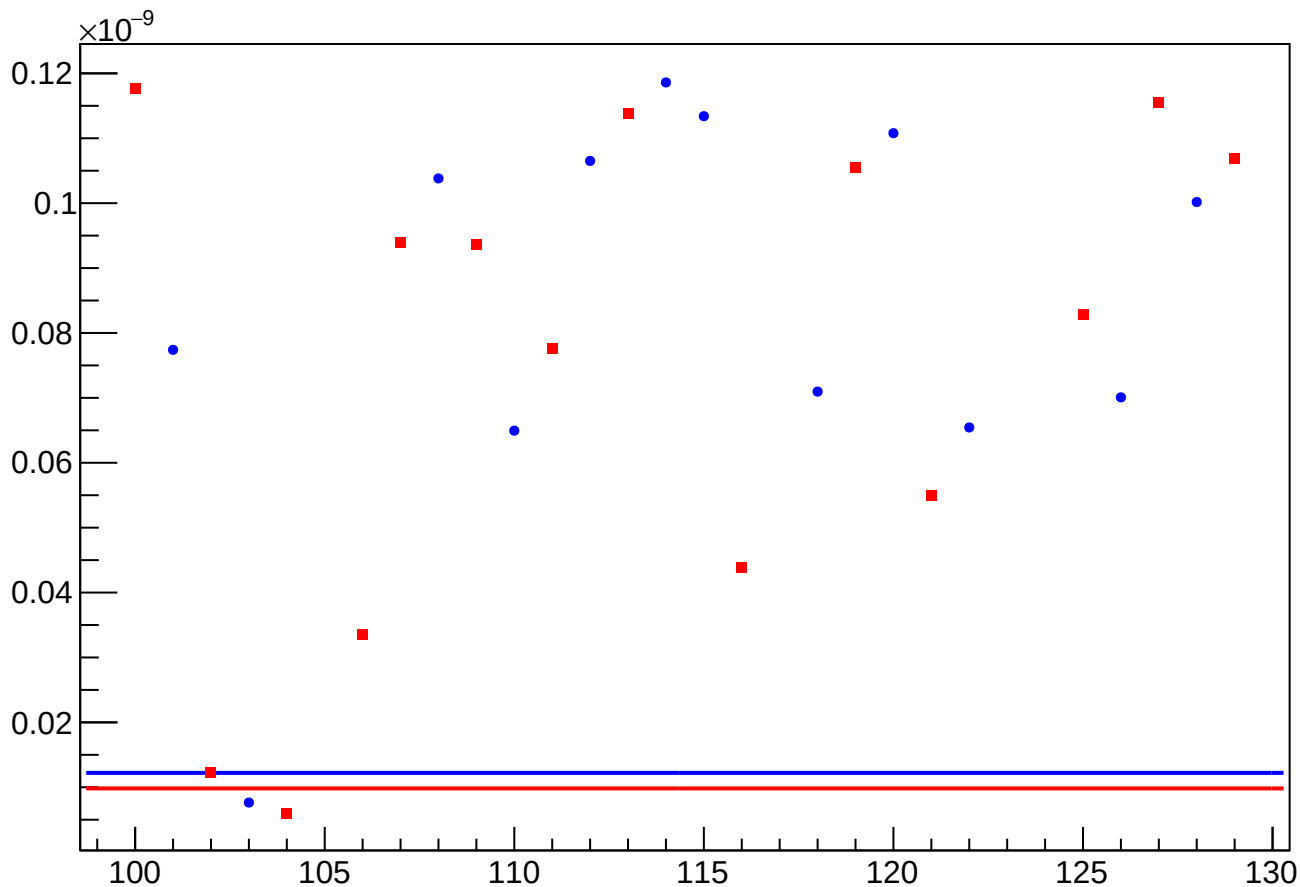
Right: 0.000+/-0.000 χ^2/NDF : 22.6/25

In: -0.000+/-0.000 χ^2/NDF : 6.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.6/25

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 : 4011175.0/11

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

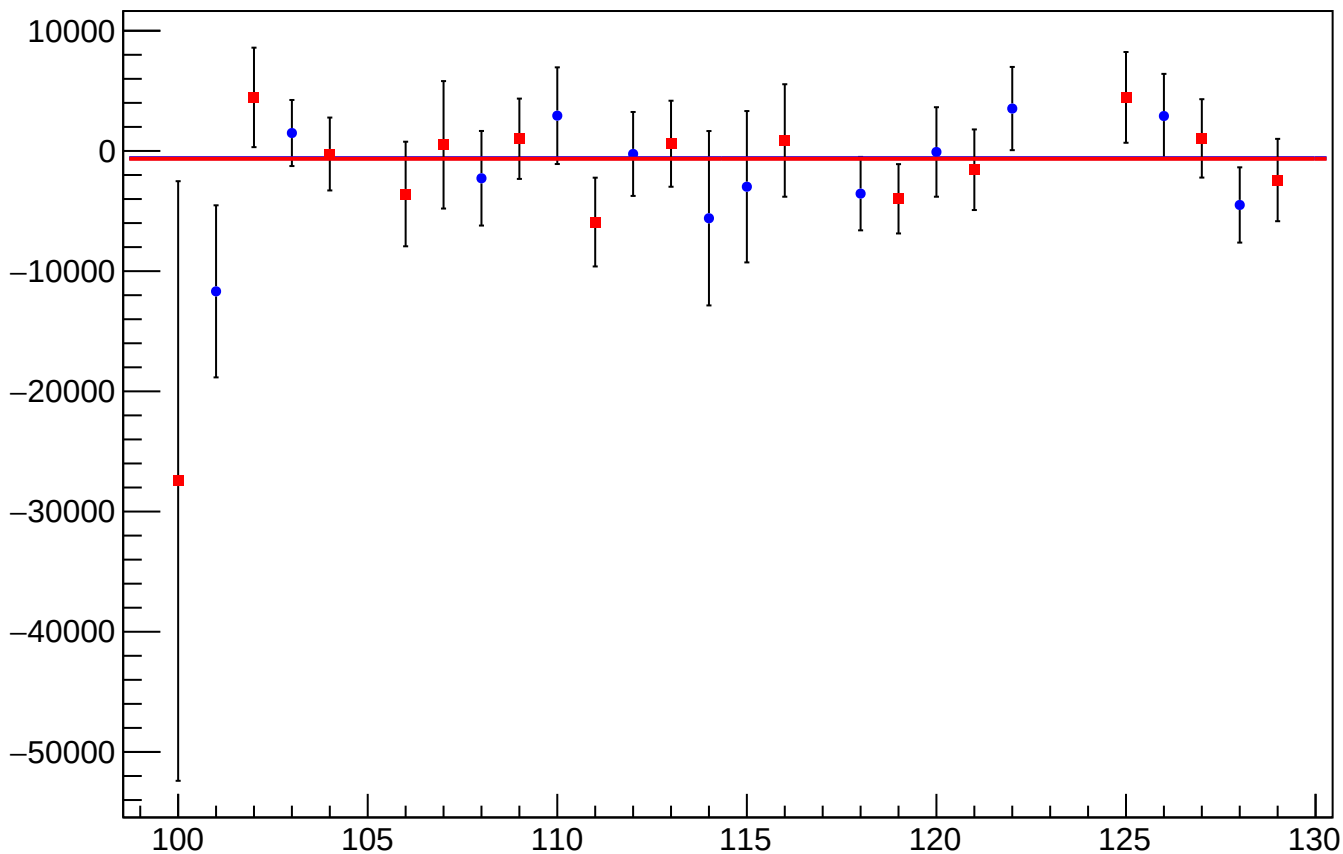
Right: 0.000+/-0.000 χ^2/NDF : 8540171.8/25

In: 0.000+/-0.000 χ^2/NDF :4011175.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8540171.8/25

reg_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -601.252+/-1084.249 χ^2/NDF : 9.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -650.224+/-998.733 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

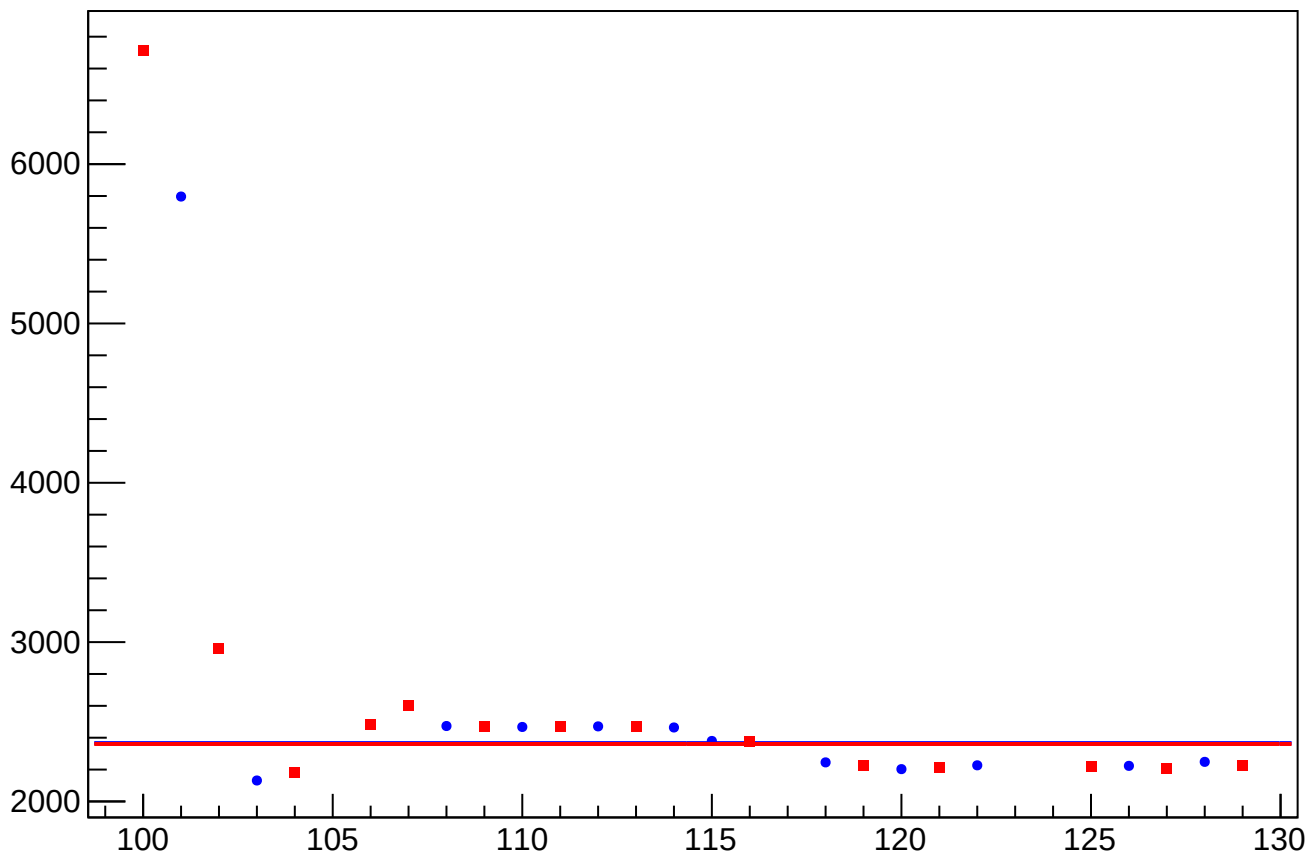
Right: -627.745+/-734.585 χ^2/NDF : 19.0/25

In: -601.252+/-1084.249 χ^2/NDF : 9.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -627.745+/-734.585 χ^2/NDF : 19.0/25

reg_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2366.012+/-0.767 χ^2/NDF : 495264.0/11

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

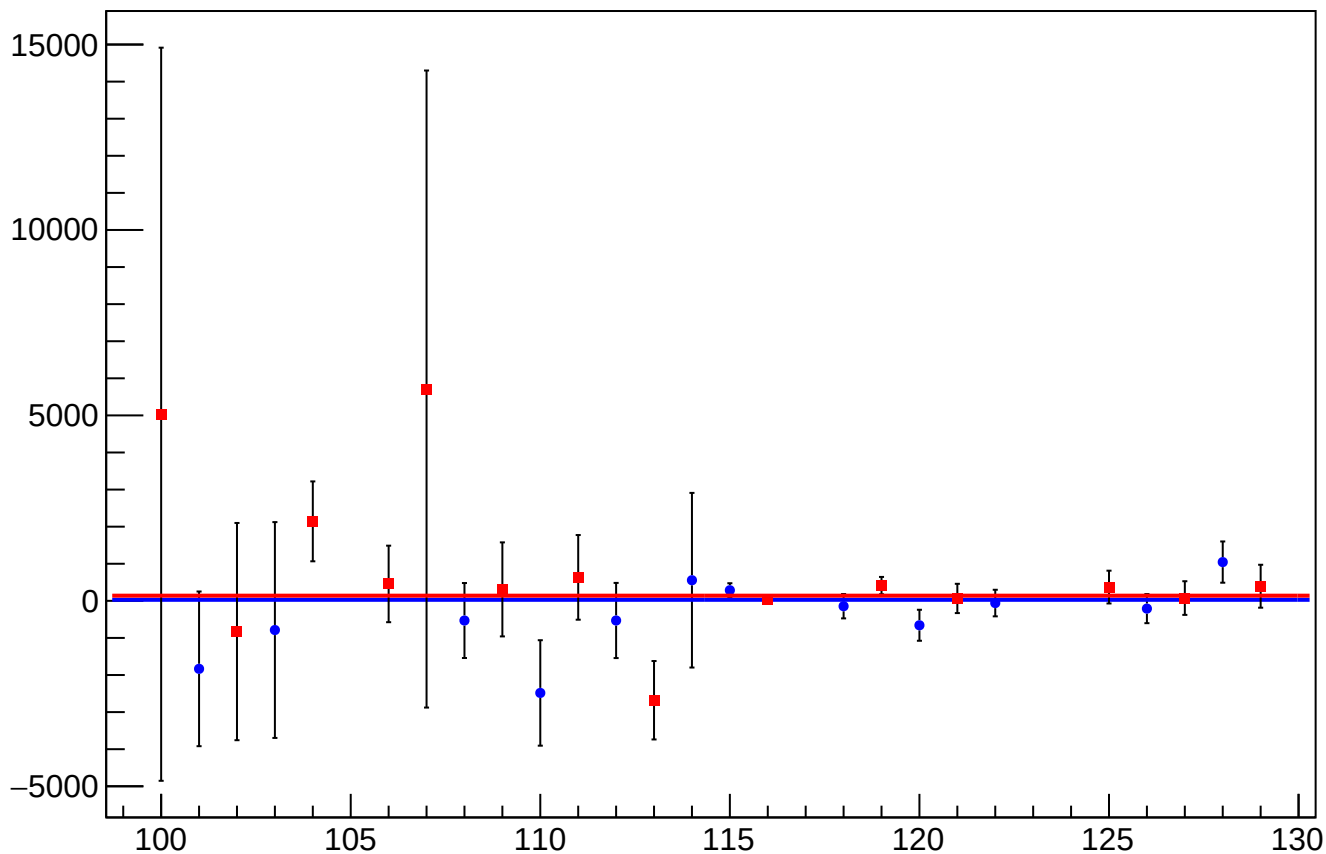
Right: 2363.107+/-0.519 χ^2/NDF : 634821.2/25

In: 2366.012+/-0.767 χ^2/NDF : 495264.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2363.107+/-0.519 χ^2/NDF : 634821.2/25

asym_us_dd_at1lr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 27.785+/-125.515 χ^2/NDF : 13.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

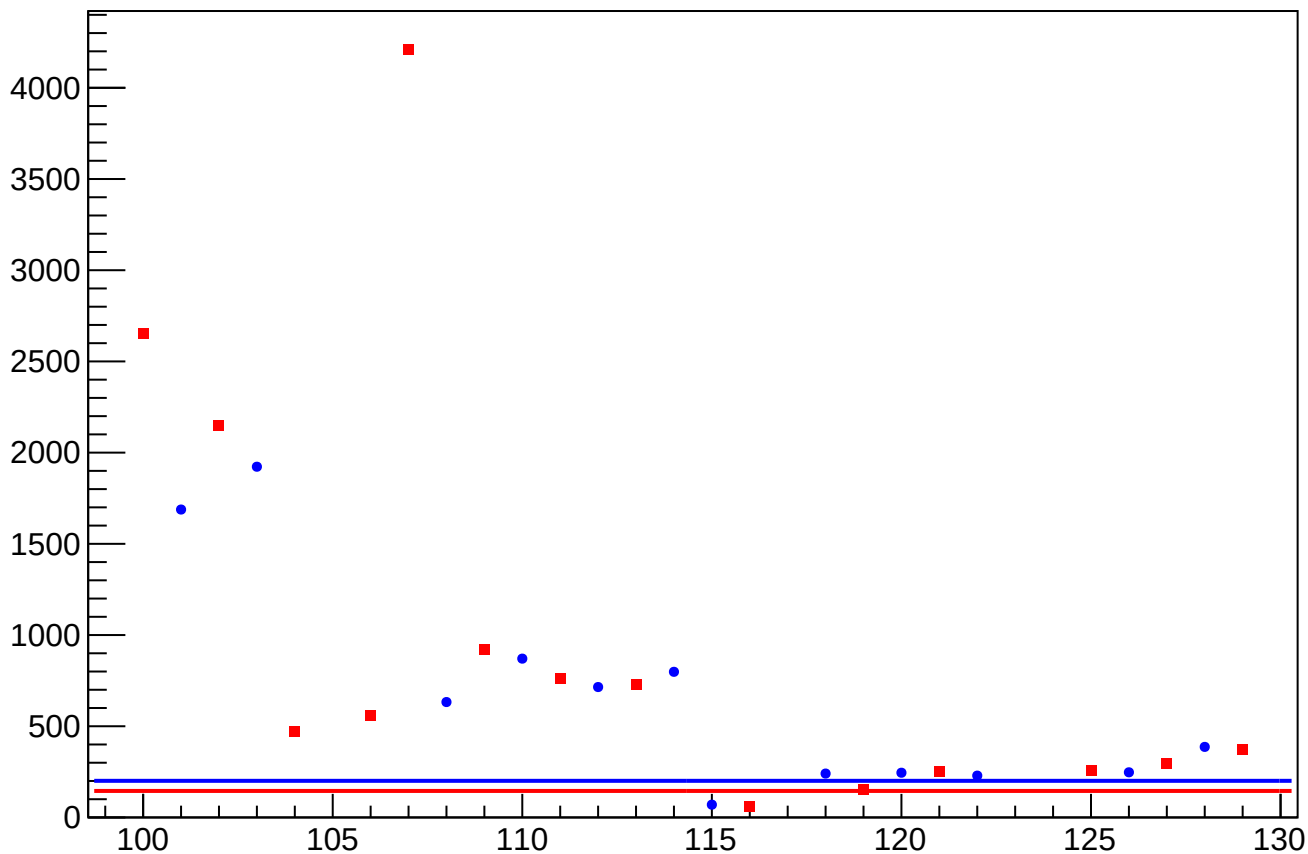
Right: 97.434+/-76.955 χ^2/NDF : 27.9/25

In: 27.785+/-125.515 χ^2/NDF : 13.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.434+/-76.955 χ^2/NDF : 27.9/25

asym_us_dd_at1lr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 200.781+/-0.089 χ^2/NDF : 4443812.8/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

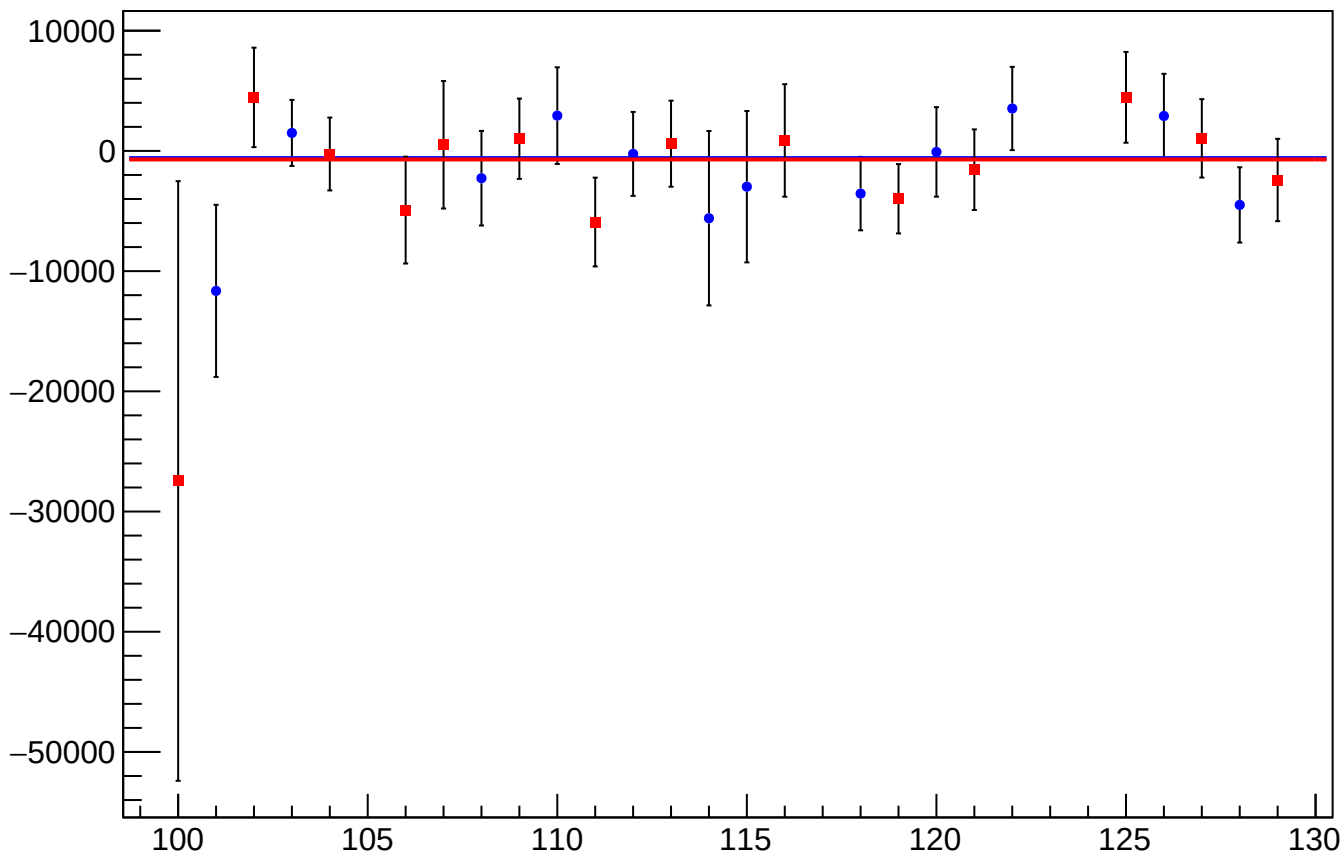
Right: 166.196+/-0.054 χ^2/NDF : 10355772.2/25

In: 200.781+/-0.089 χ^2/NDF :4443812.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 166.196+/-0.054 χ^2/NDF : 10355772.2/25

cor_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -599.804+/-1084.249 χ^2/NDF : 9.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

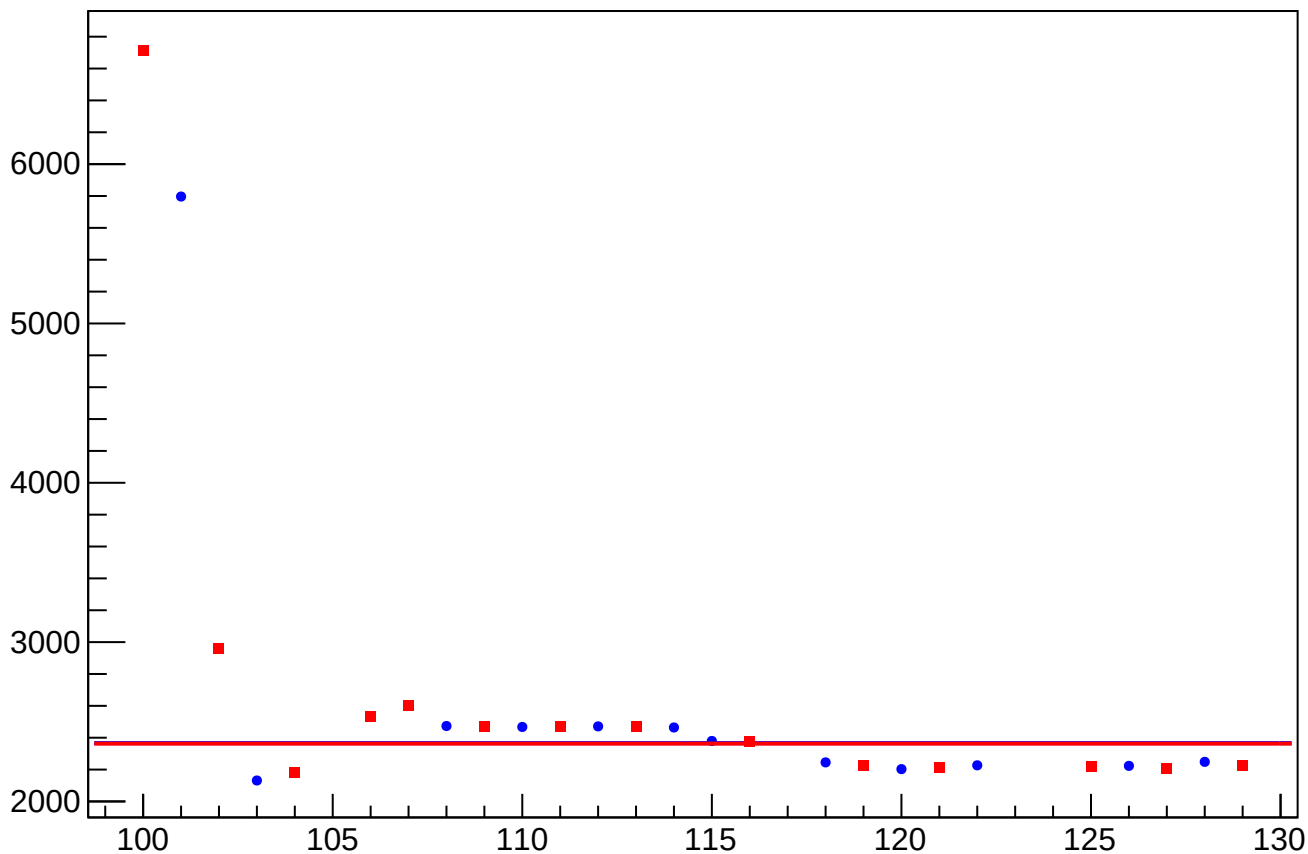
Right: -660.744+/-735.020 χ^2/NDF : 19.4/25

In: -599.804+/-1084.249 χ^2/NDF : 9.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -660.744+/-735.020 χ^2/NDF : 19.4/25

cor_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2366.012+/-0.767 χ^2/NDF : 495264.3/11

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

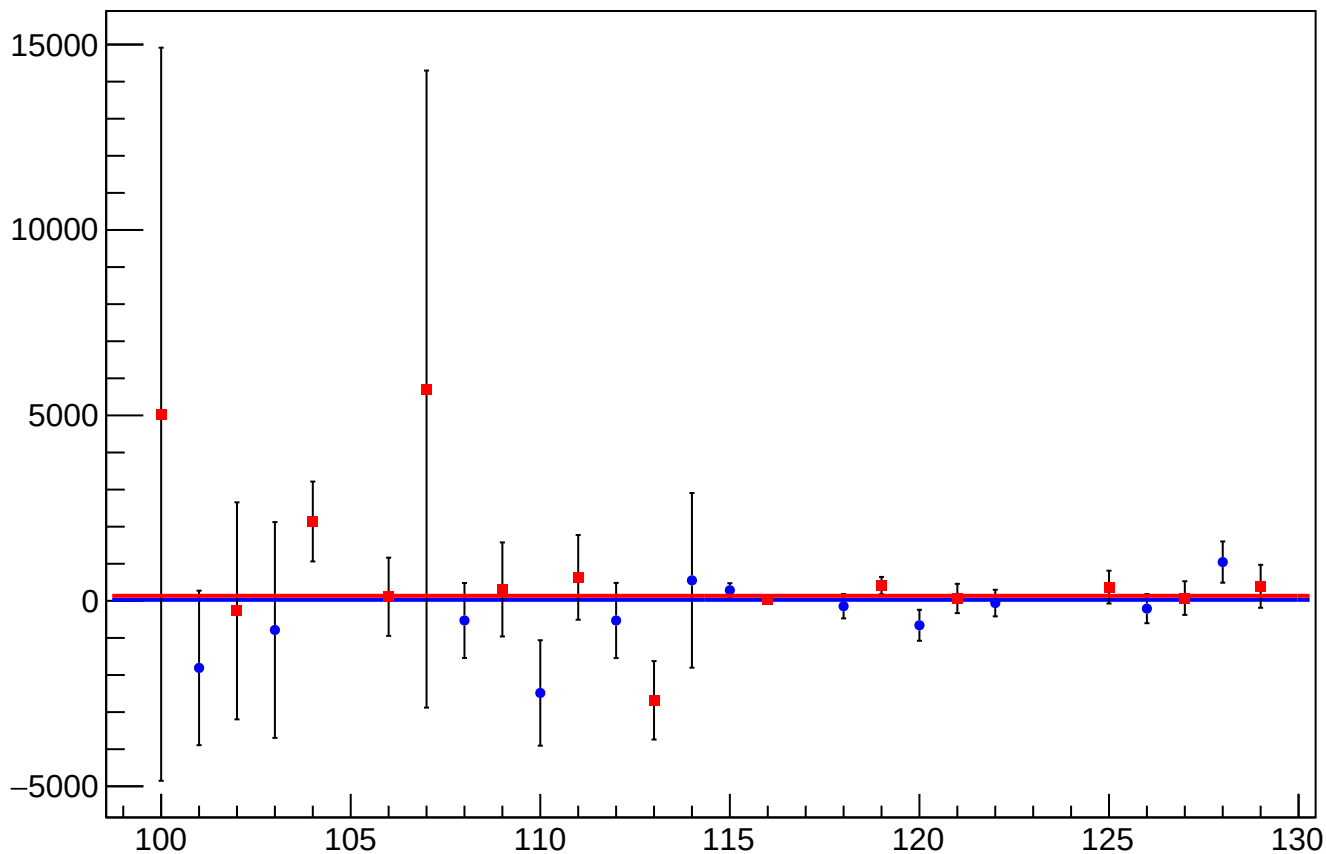
Right: 2364.352+/-0.520 χ^2/NDF : 636252.2/25

In: 2366.012+/-0.767 χ^2/NDF : 495264.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2364.352+/-0.520 χ^2/NDF : 636252.2/25

asym_us_dd_at1lr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 27.904+/-125.537 χ^2/NDF : 13.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

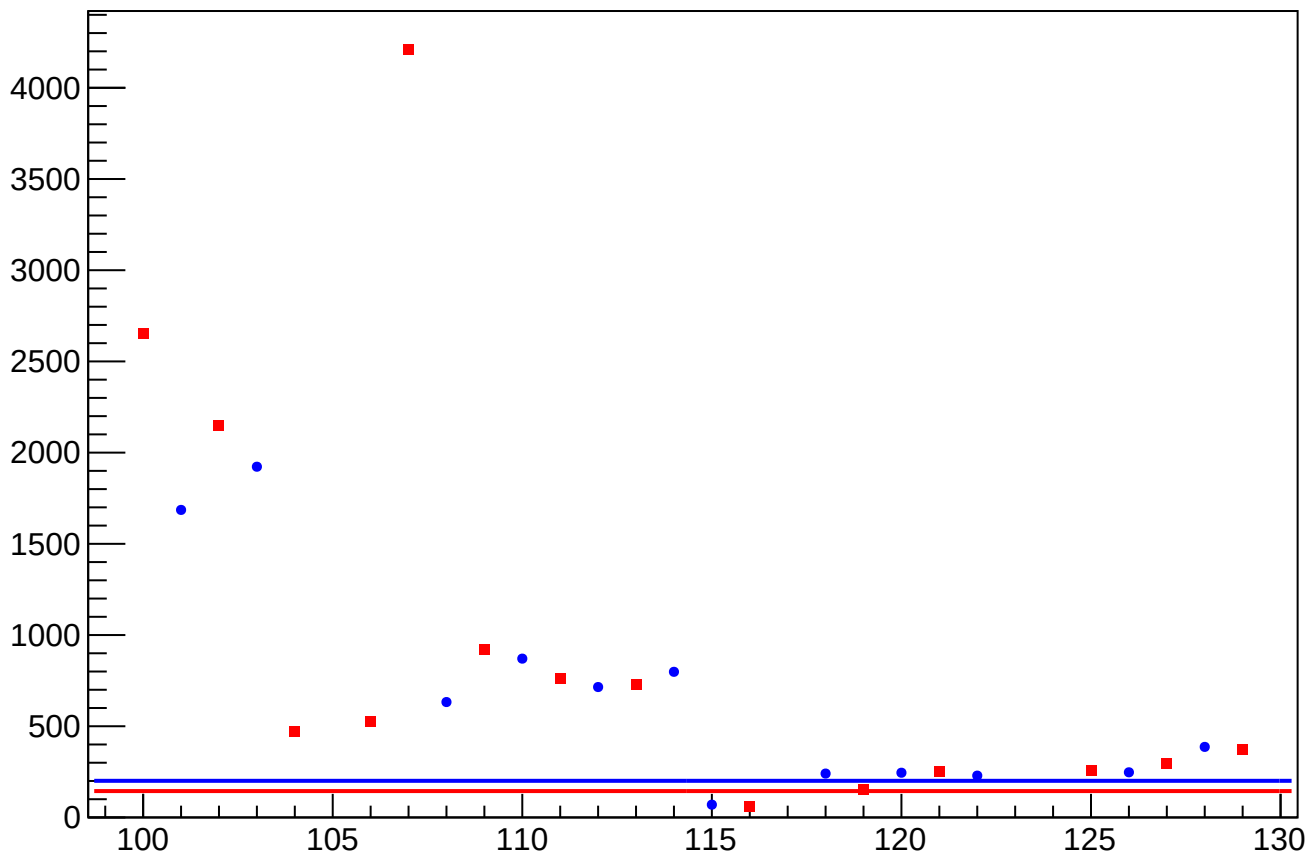
Right: 95.535+/-76.908 χ^2/NDF : 27.6/25

In: 27.904+/-125.537 χ^2/NDF : 13.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.535+/-76.908 χ^2/NDF : 27.6/25

asym_us_dd_at1lr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 200.846+/-0.089 χ^2/NDF : 4442320.0/11

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

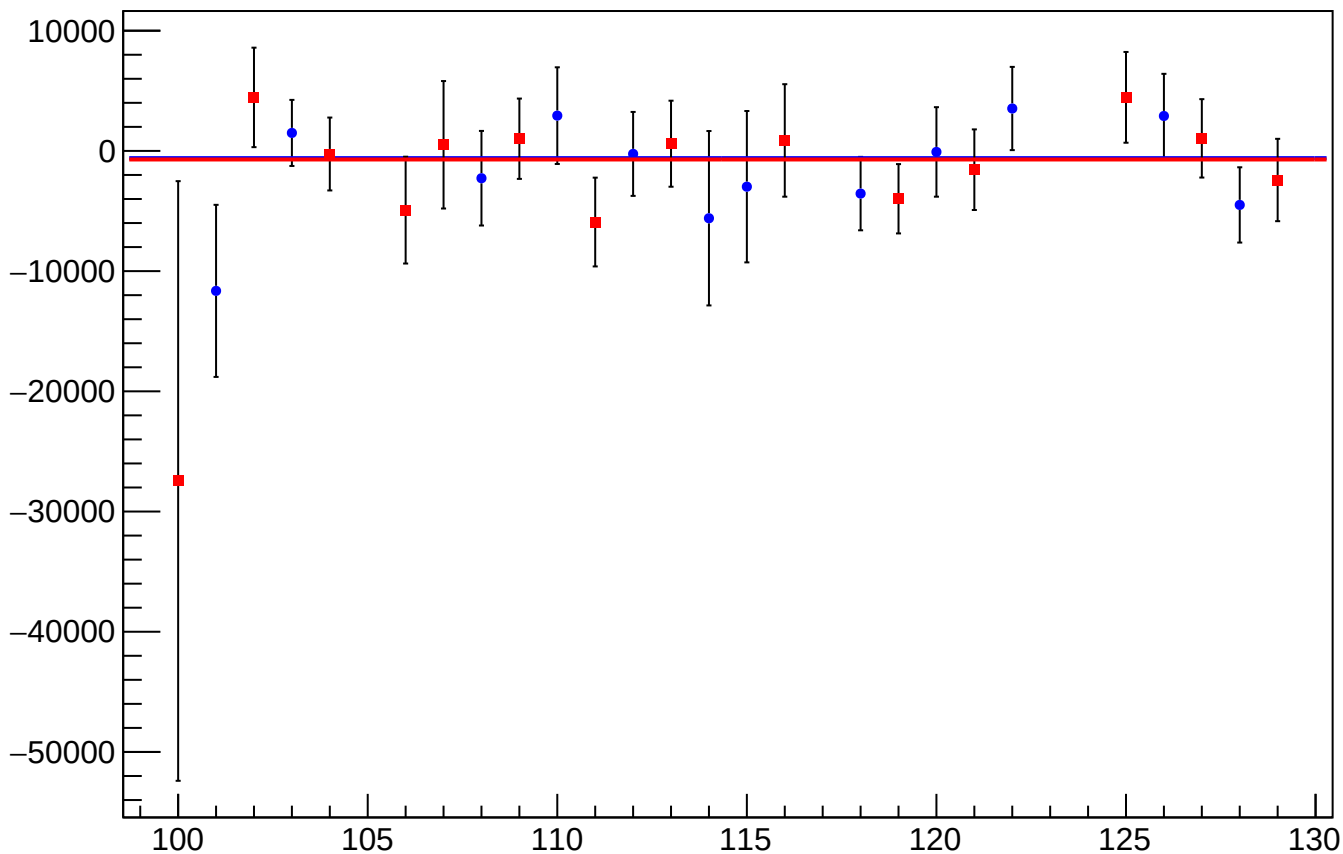
Right: 165.711+/-0.054 χ^2/NDF : 10313136.8/25

In: 200.846+/-0.089 χ^2/NDF :4442320.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 165.711+/-0.054 χ^2/NDF : 10313136.8/25

eigen_cor_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -599.804+/-1084.249 χ^2/NDF : 9.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

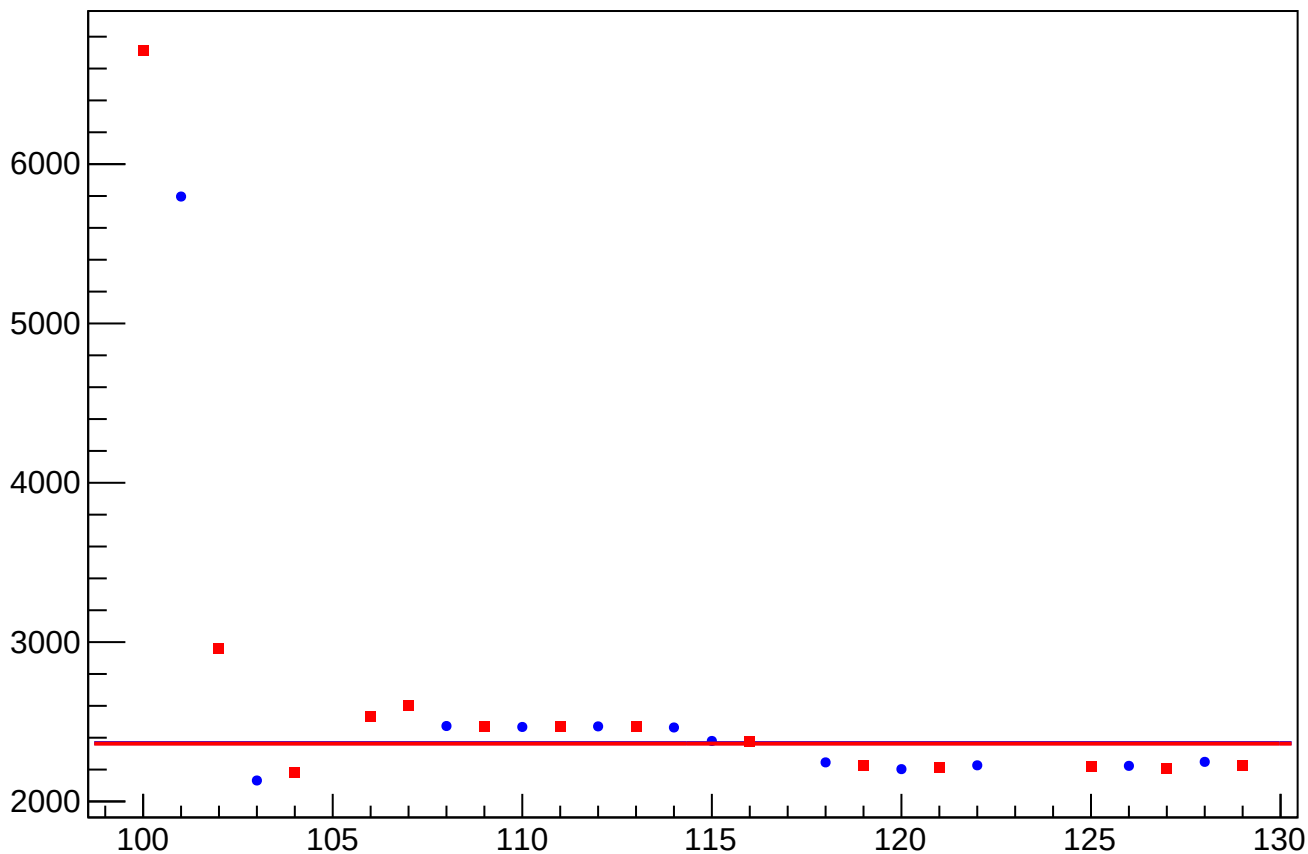
Right: -660.744+/-735.020 χ^2/NDF : 19.4/25

In: -599.804+/-1084.249 χ^2/NDF : 9.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -660.744+/-735.020 χ^2/NDF : 19.4/25

eigen_cor_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2366.012+/-0.767 χ^2/NDF : 495264.3/11

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

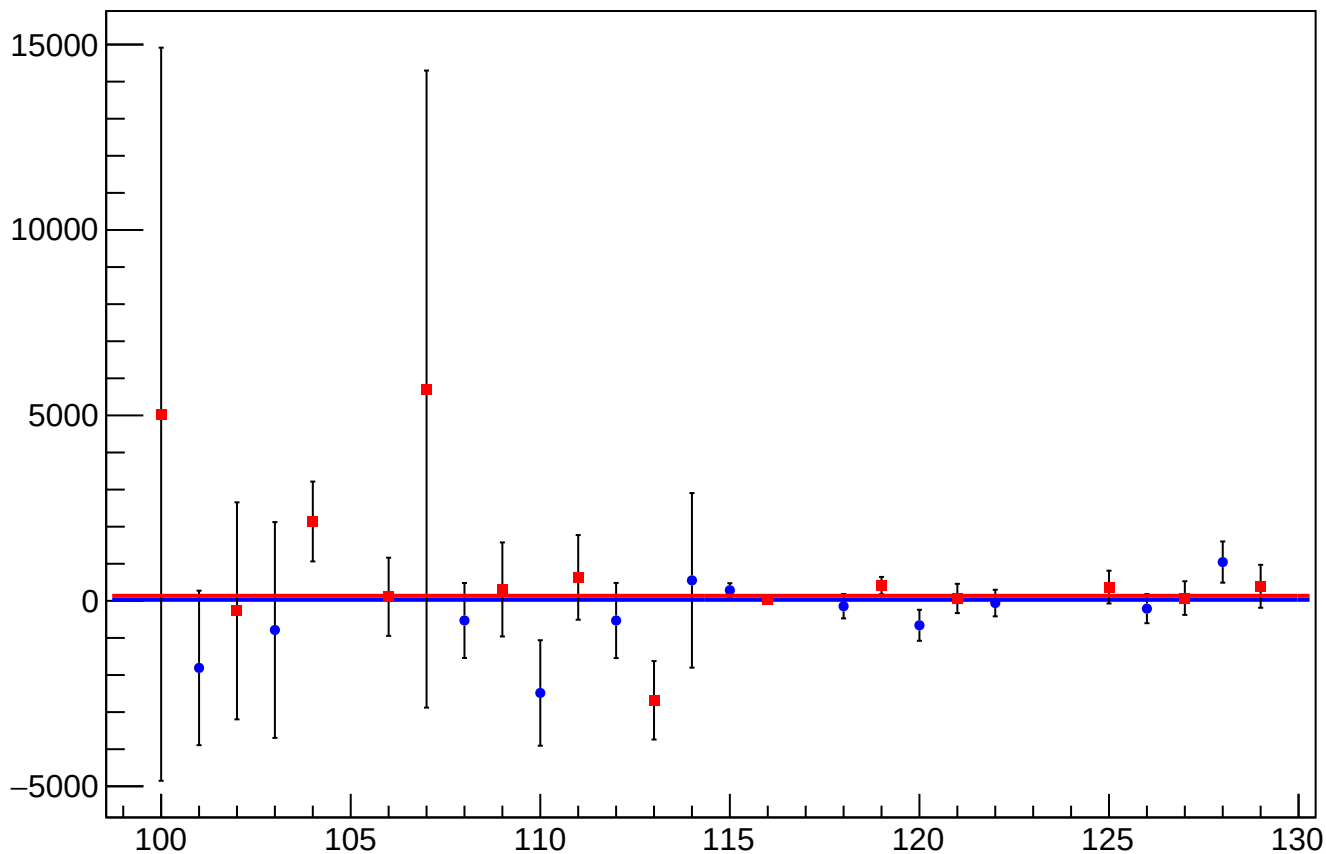
Right: 2364.352+/-0.520 χ^2/NDF : 636252.2/25

In: 2366.012+/-0.767 χ^2/NDF : 495264.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2364.352+/-0.520 χ^2/NDF : 636252.2/25

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 27.904+/-125.537 χ^2/NDF : 13.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

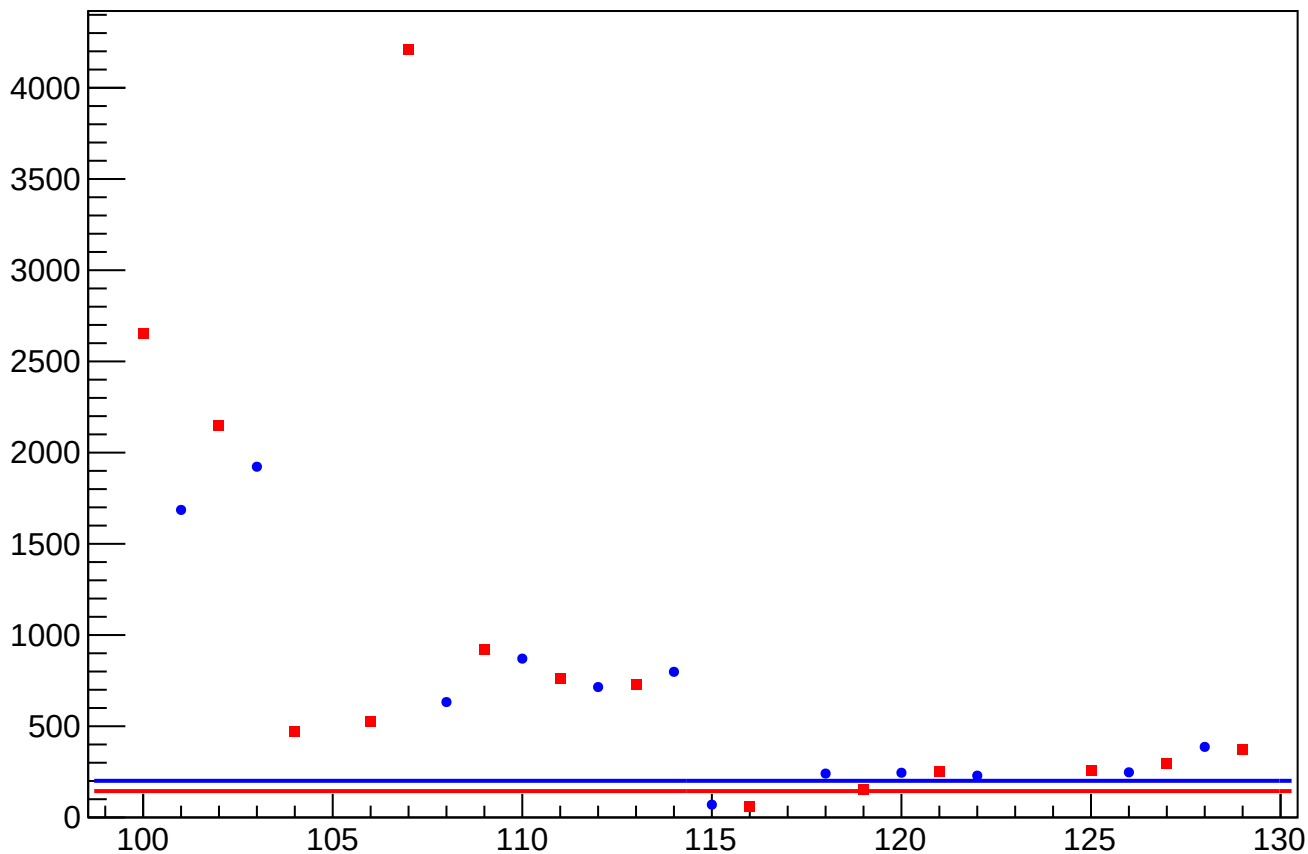
Right: 95.535+/-76.908 χ^2/NDF : 27.6/25

In: 27.904+/-125.537 χ^2/NDF : 13.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.535+/-76.908 χ^2/NDF : 27.6/25

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 200.846+/-0.089 χ^2/NDF : 4442320.0/11

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

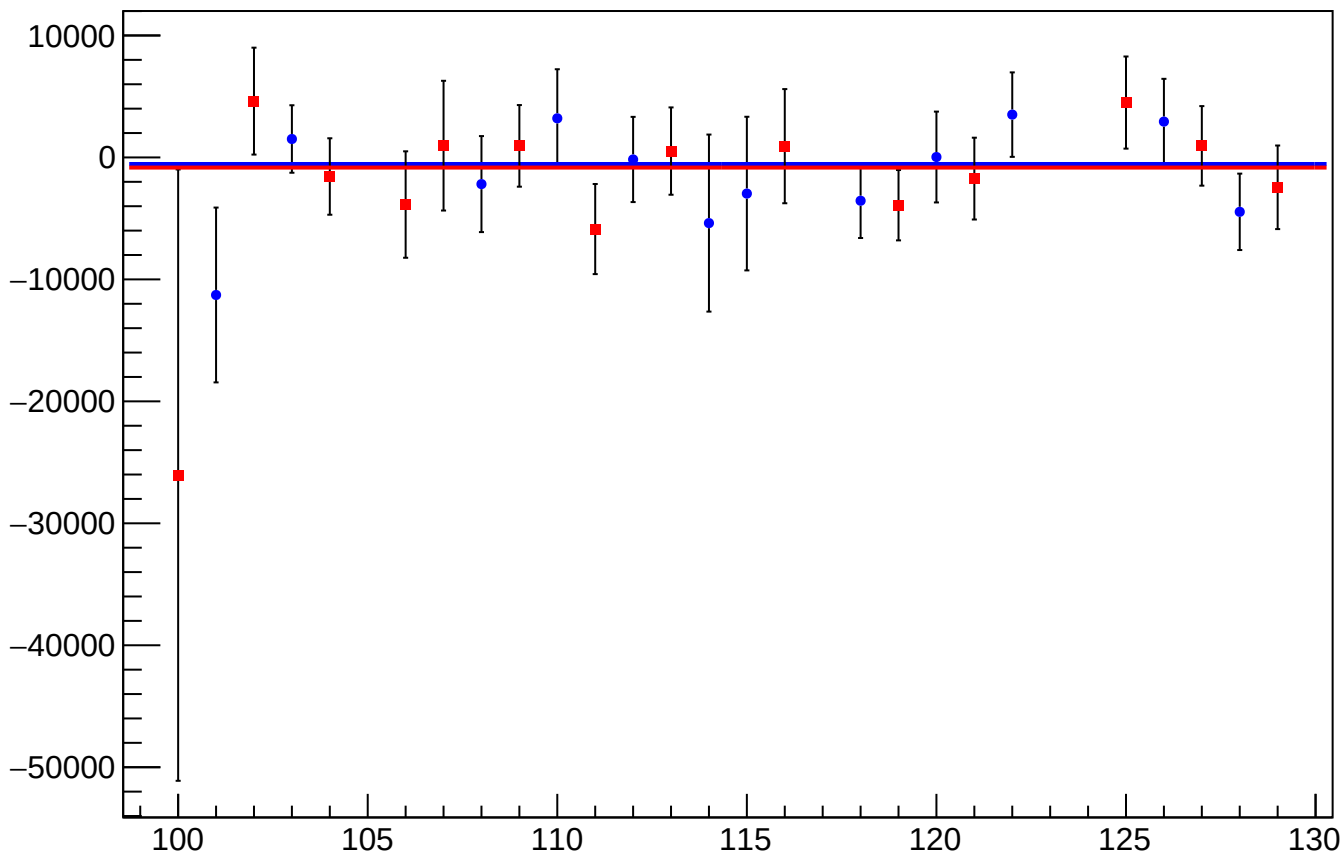
Right: 165.711+/-0.054 χ^2/NDF : 10313136.8/25

In: 200.846+/-0.089 χ^2/NDF :4442320.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 165.711+/-0.054 χ^2/NDF : 10313136.8/25

dit_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -538.203+/-1085.719 χ^2/NDF : 9.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -831.397+/-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

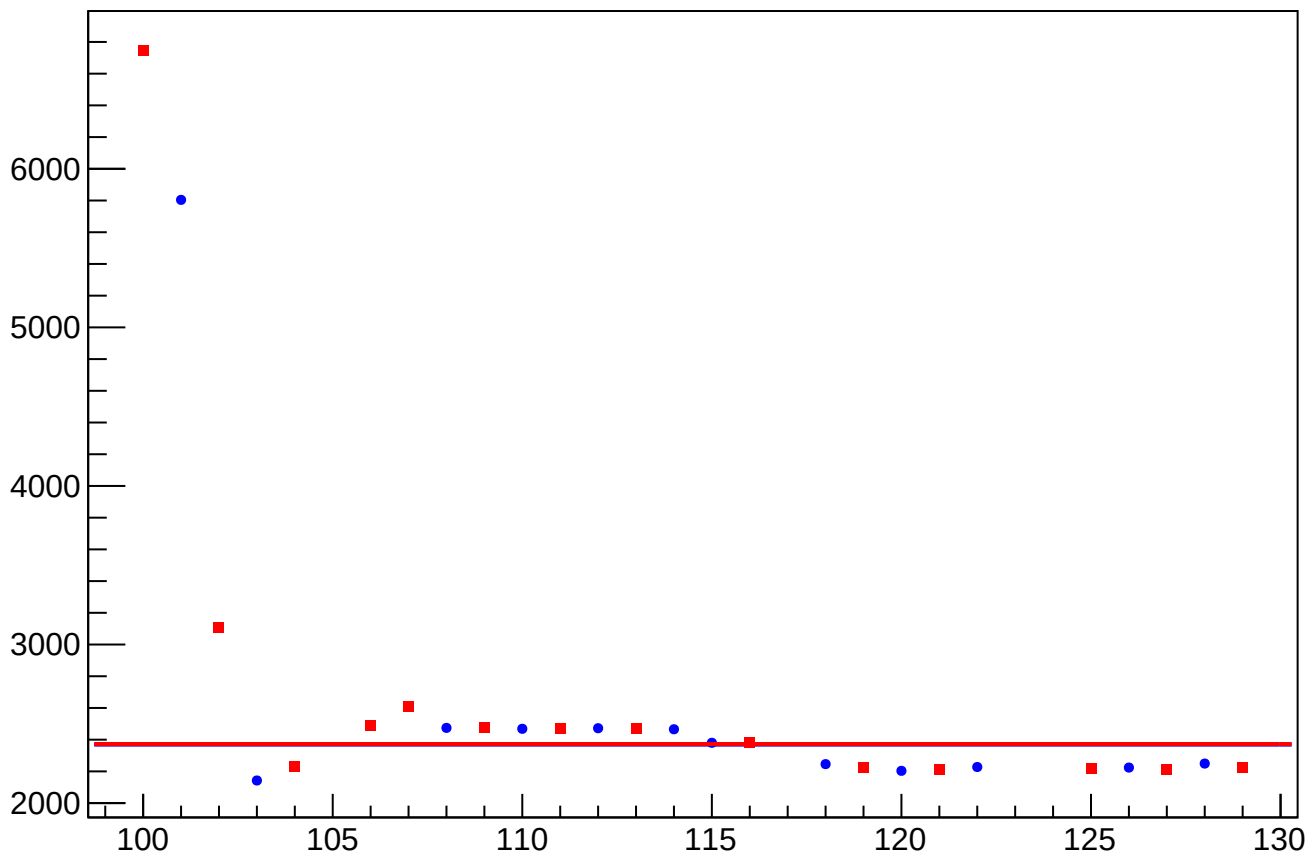
Right: -695.937+/-737.981 χ^2/NDF : 18.8/25

In: -538.203+/-1085.719 χ^2/NDF : 9.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -695.937+/-737.981 χ^2/NDF : 18.8/25

dit_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2368.894+/-0.768 χ^2/NDF : 494466.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

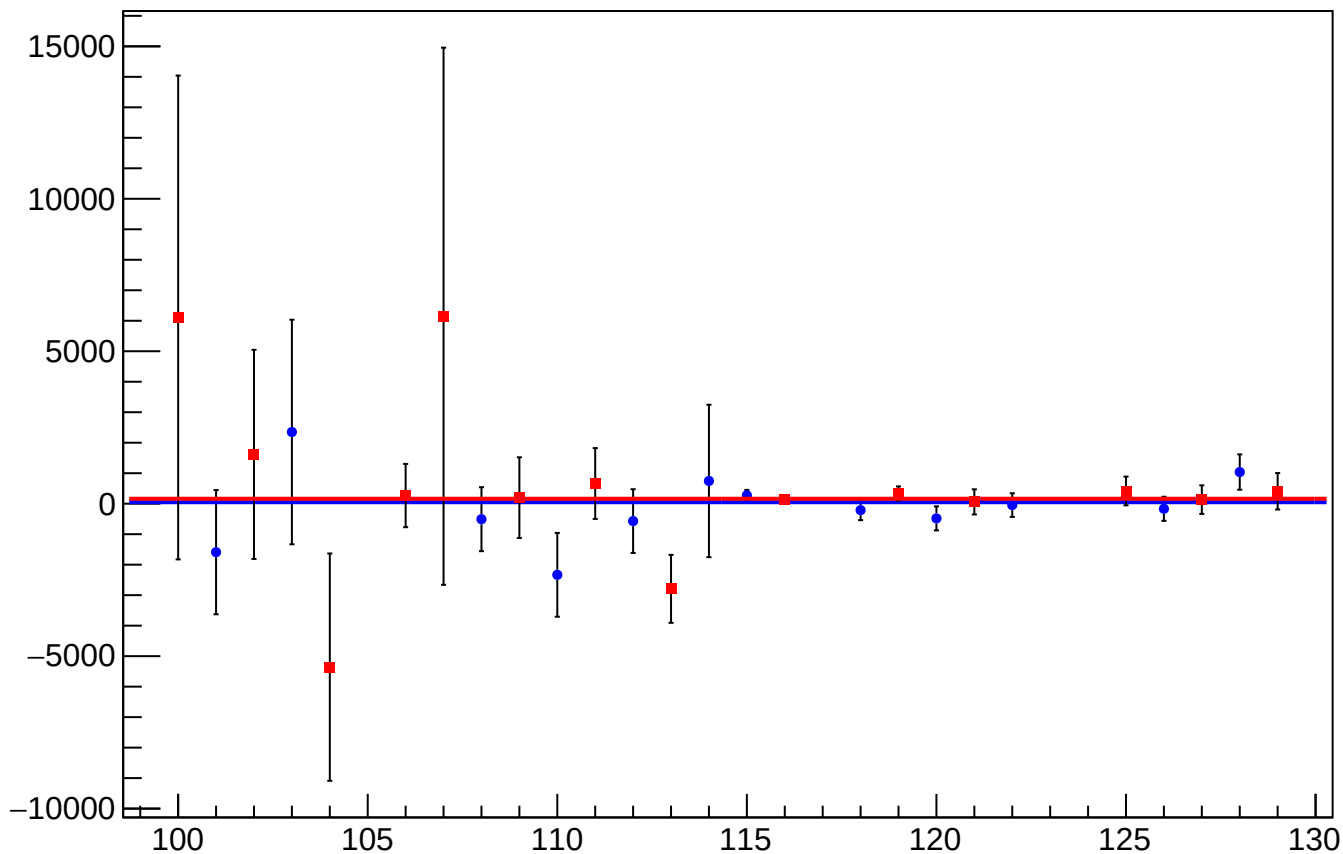
Right: 2370.912+/-0.522 χ^2/NDF : 647844.7/25

In: 2368.894+/-0.768 χ^2/NDF : 494466.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2370.912+/-0.522 χ^2/NDF : 647844.7/25

asym_us_dd_at1lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 48.245+/-122.563 χ^2/NDF : 12.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

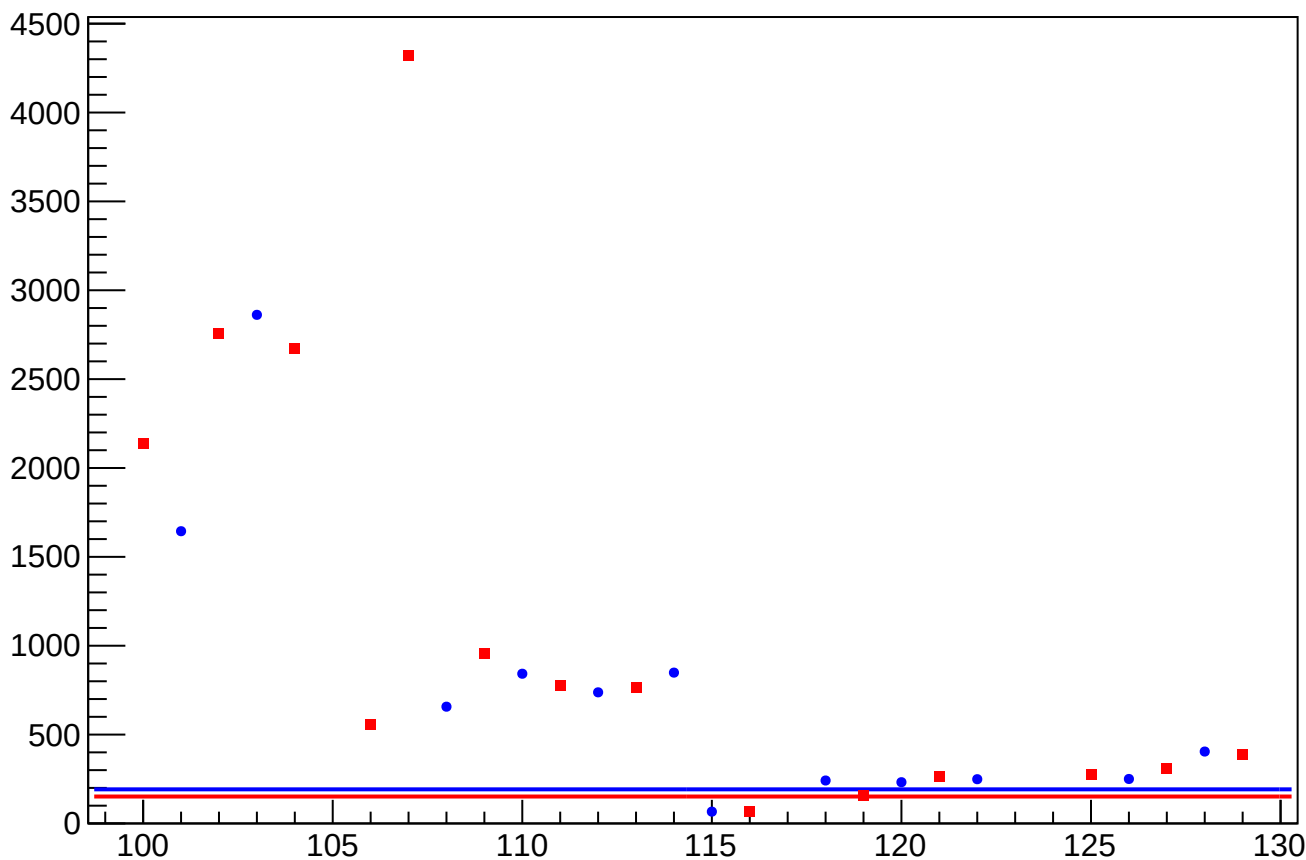
Right: 116.359+/-78.049 χ^2/NDF : 24.4/25

In: 48.245+/-122.563 χ^2/NDF : 12.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.359+/-78.049 χ^2/NDF : 24.4/25

asym_us_dd_at1lr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 191.965+/-0.087 χ^2/NDF : 5024668.8/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

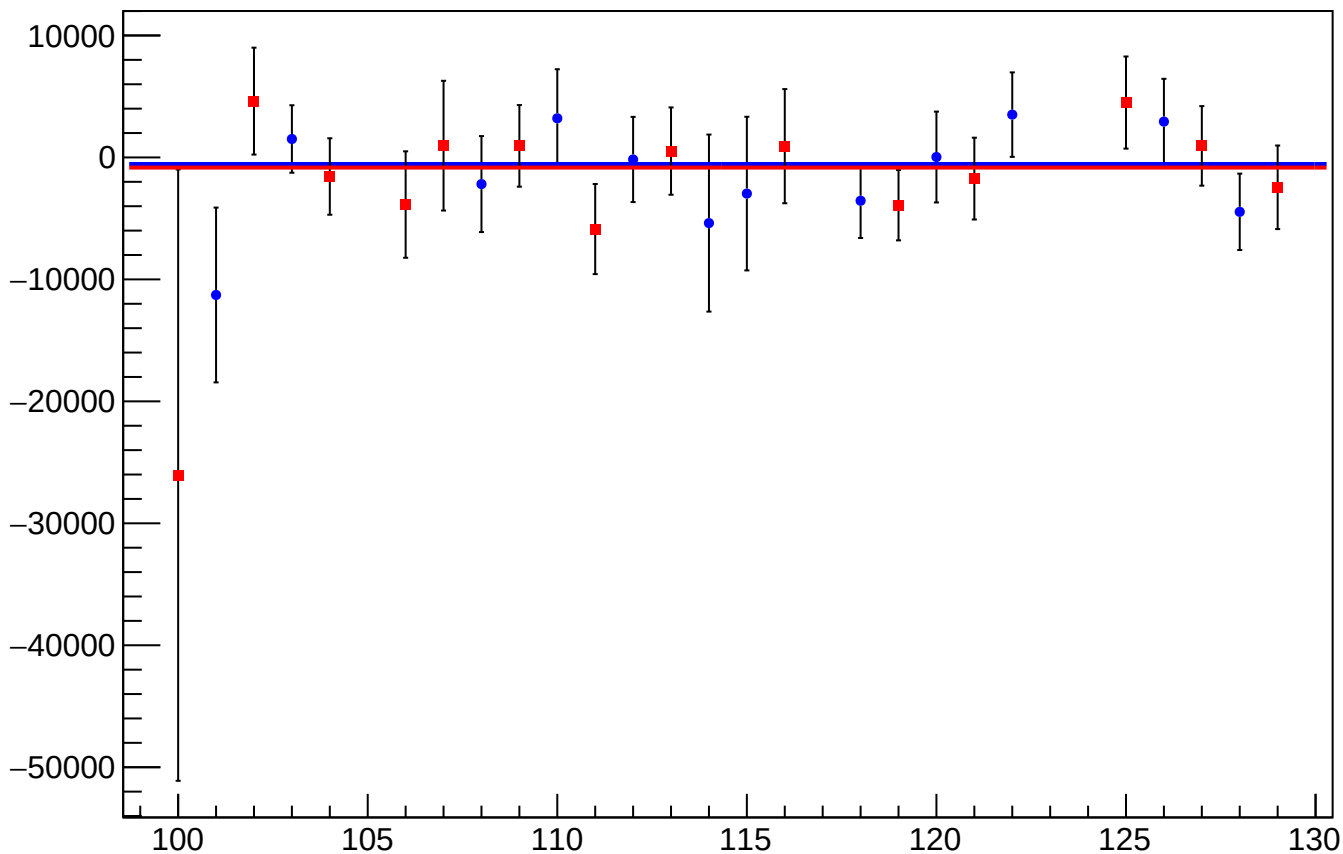
Right: 167.938+/-0.055 χ^2/NDF : 11701951.9/25

In: 191.965+/-0.087 χ^2/NDF :5024668.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 167.938+/-0.055 χ^2/NDF : 11701951.9/25

eigen_dit_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -538.206 $\pm$ 1085.719 χ^2 /NDF: 9.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -831.400 $\pm$ 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

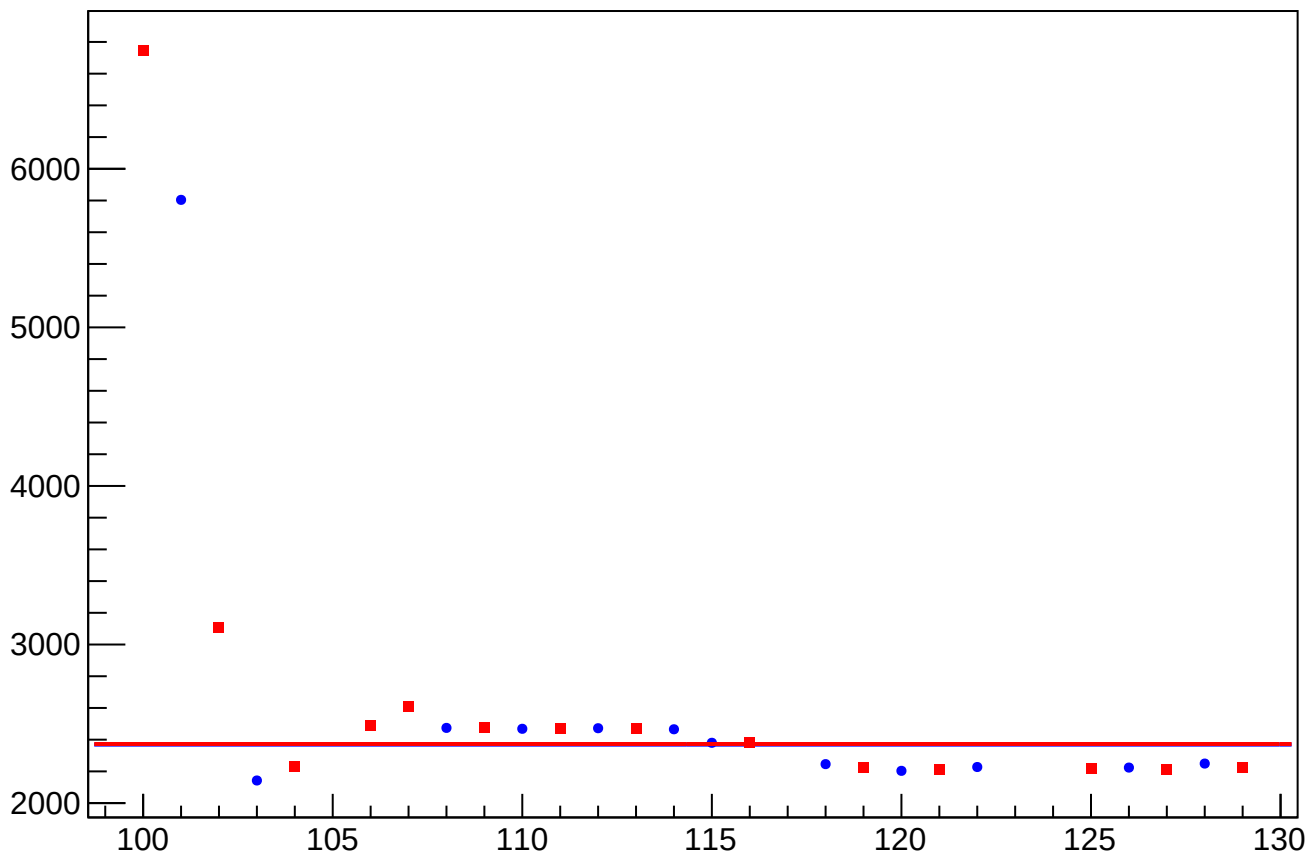
Right: -695.940 $\pm$ 737.981 χ^2 /NDF: 18.8/25

In: -538.206 $\pm$ 1085.719 χ^2 /NDF: 9.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -695.940 $\pm$ 737.981 χ^2 /NDF: 18.8/25

eigen_dit_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2368.894+/-0.768 χ^2/NDF : 494466.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

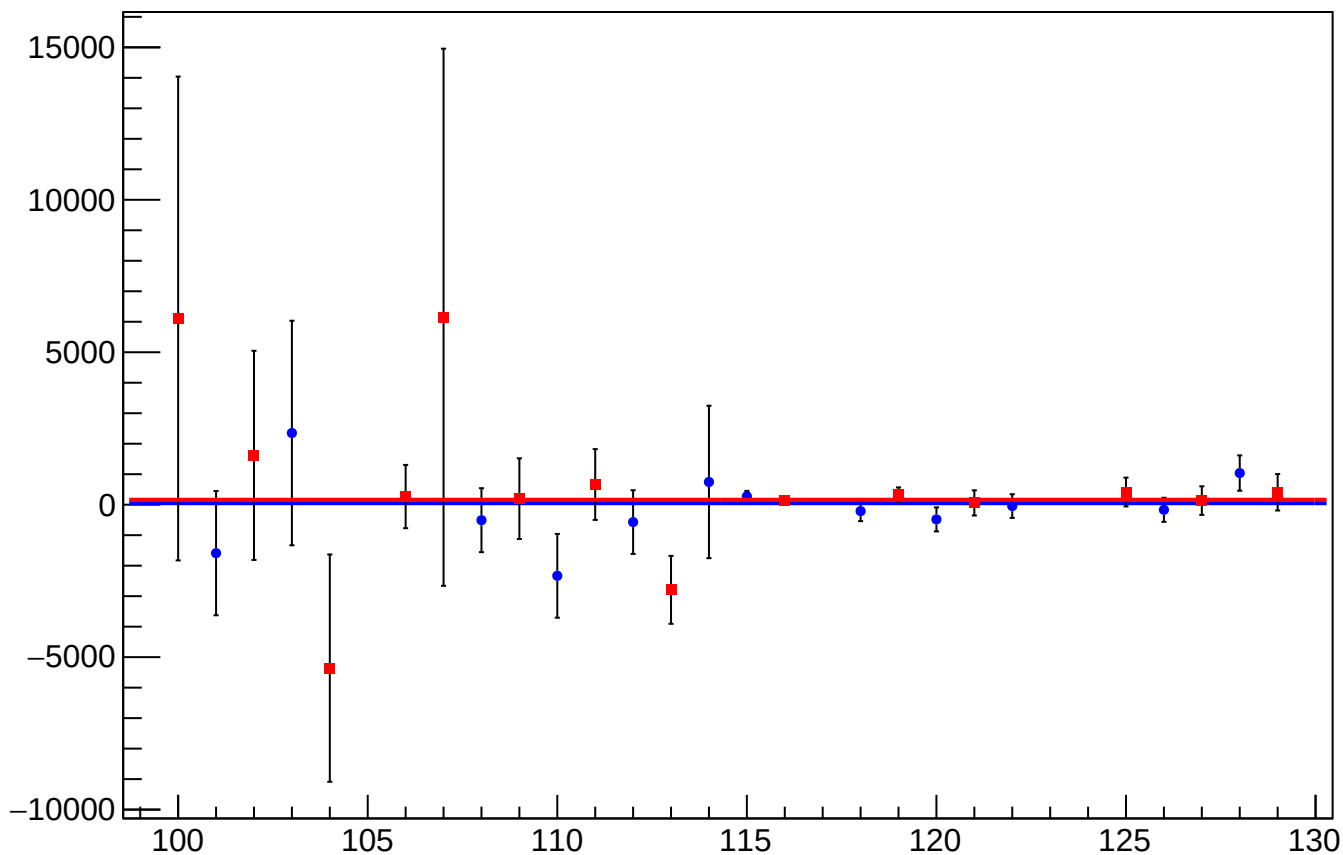
Right: 2370.912+/-0.522 χ^2/NDF : 647844.6/25

In: 2368.894+/-0.768 χ^2/NDF : 494466.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2370.912+/-0.522 χ^2/NDF : 647844.6/25

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 48.245+/-122.561 χ^2/NDF : 12.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

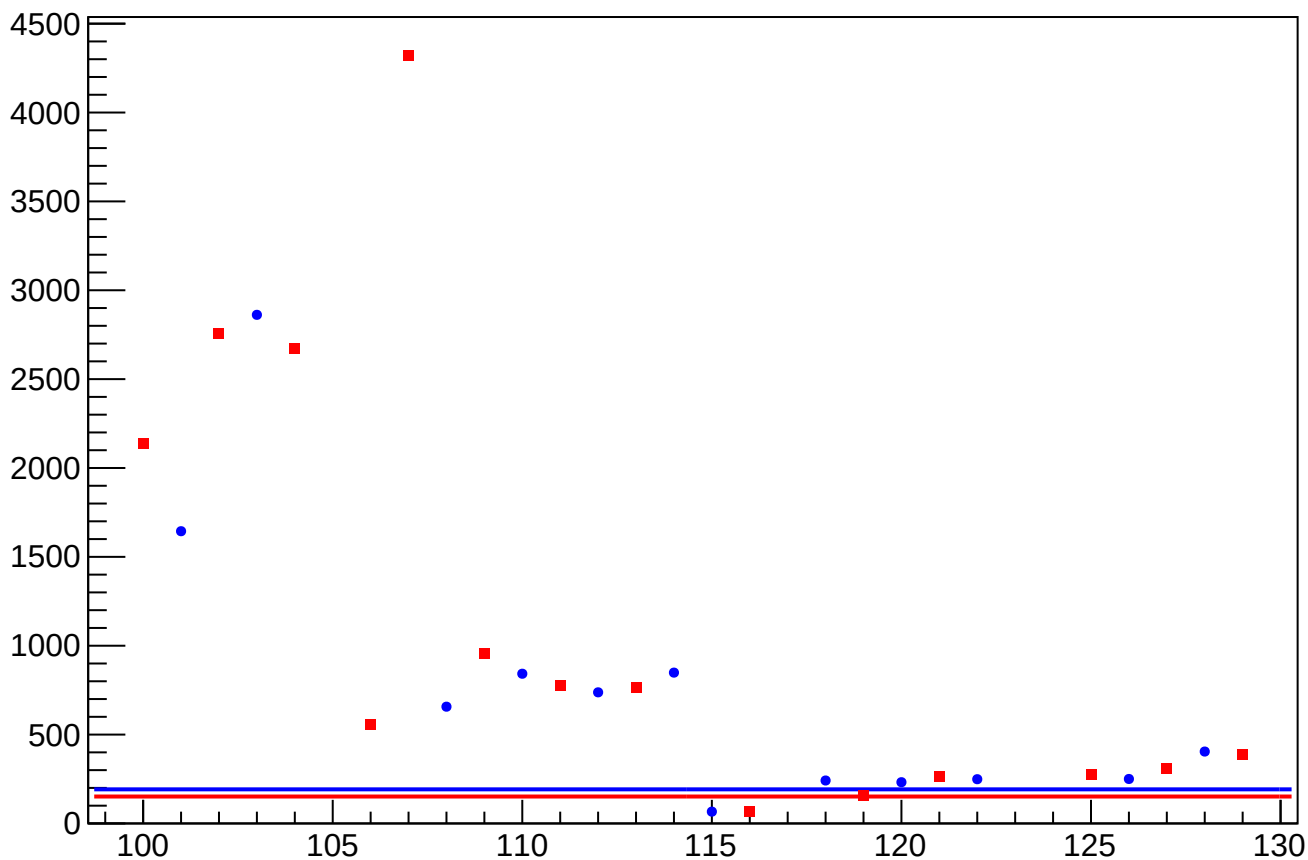
Right: 116.358+/-78.048 χ^2/NDF : 24.4/25

In: 48.245+/-122.561 χ^2/NDF : 12.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.358+/-78.048 χ^2/NDF : 24.4/25

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 191.961+/-0.087 χ^2/NDF : 5024724.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

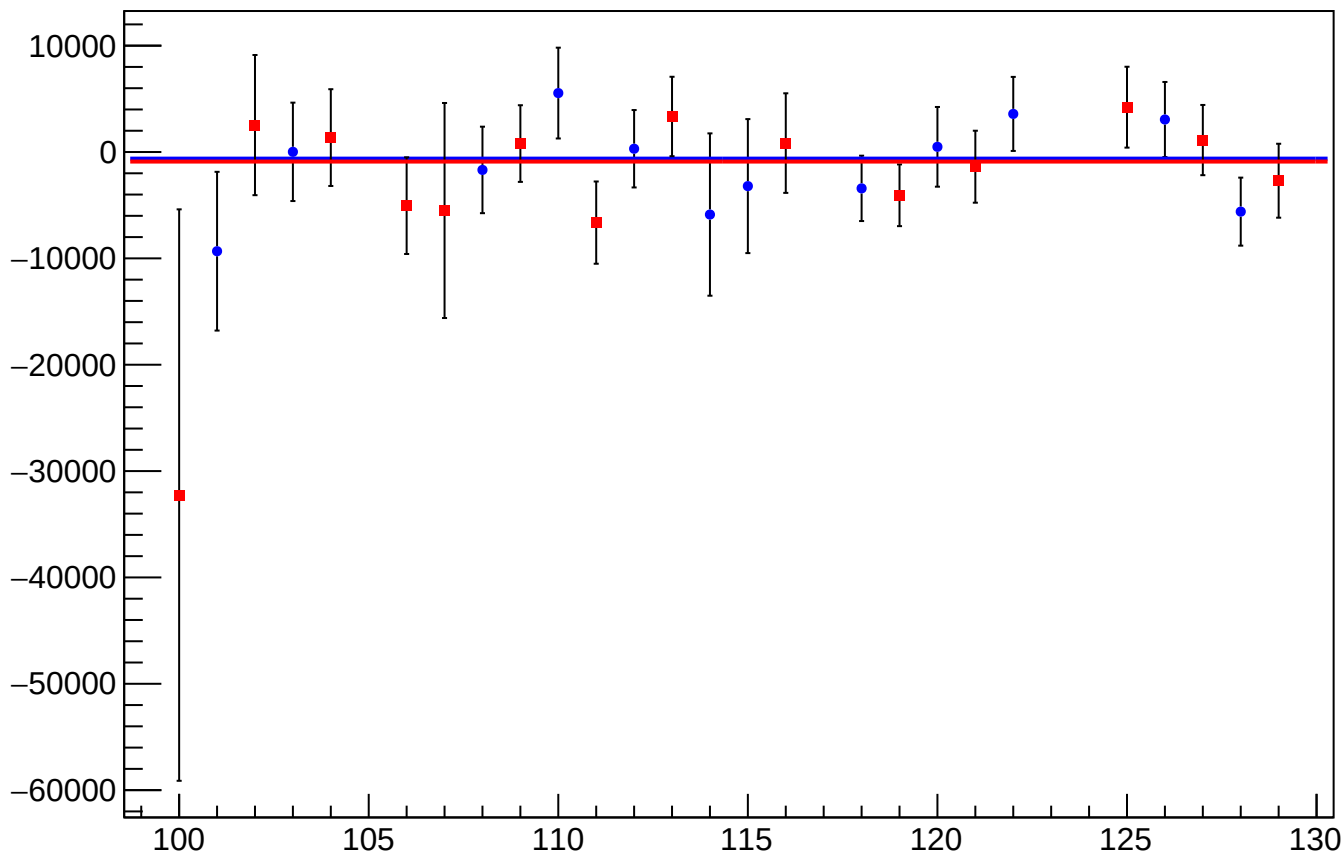
Right: 167.935+/-0.055 χ^2/NDF : 11702056.3/25

In: 191.961+/-0.087 χ^2/NDF : 5024724.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.935+/-0.055 χ^2/NDF : 11702056.3/25

asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -621.329+/-1165.978 χ^2/NDF : 10.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

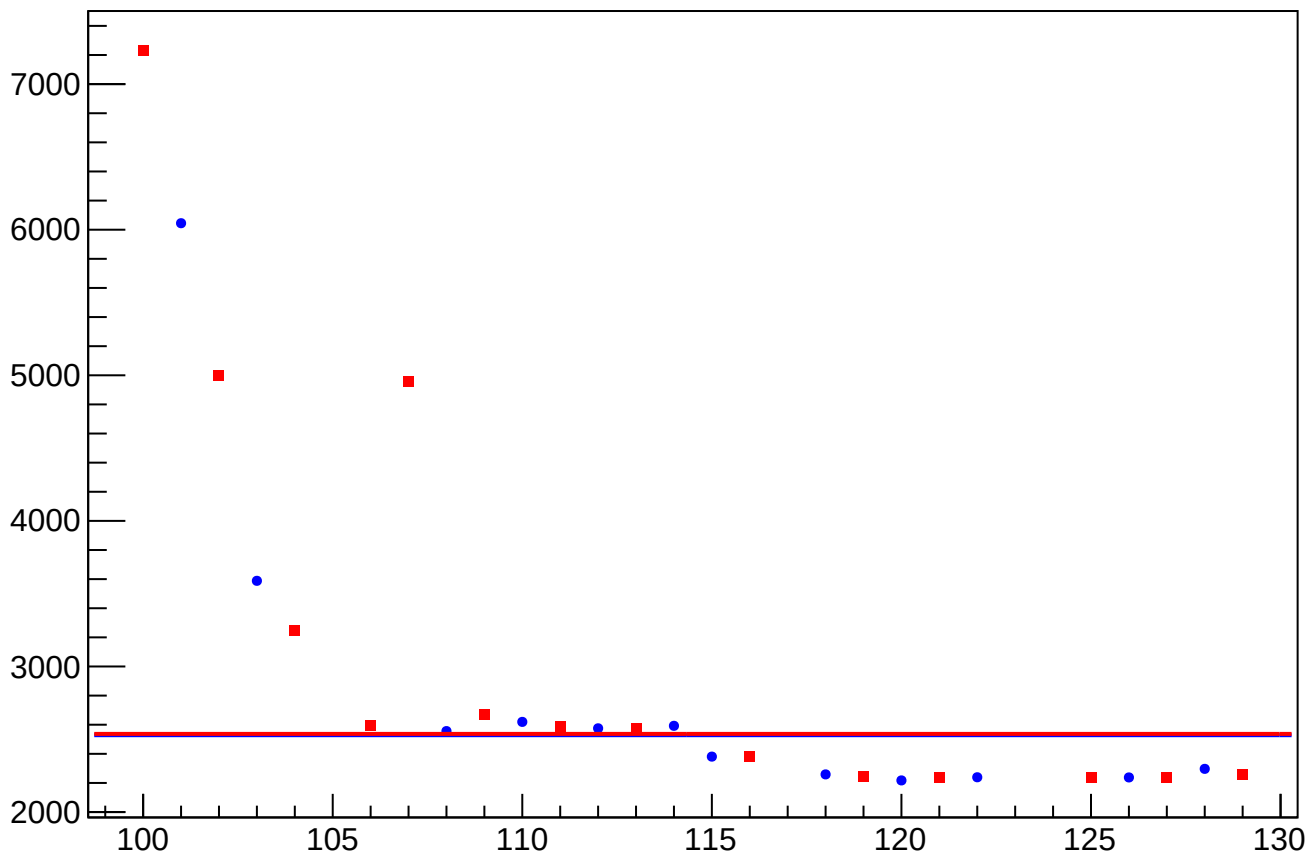
Right: -768.897+/-796.217 χ^2/NDF : 20.6/25

In: -621.329+/-1165.978 χ^2/NDF : 10.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -768.897+/-796.217 χ^2/NDF : 20.6/25

asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2528.008+/-0.824 χ^2/NDF : 618589.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

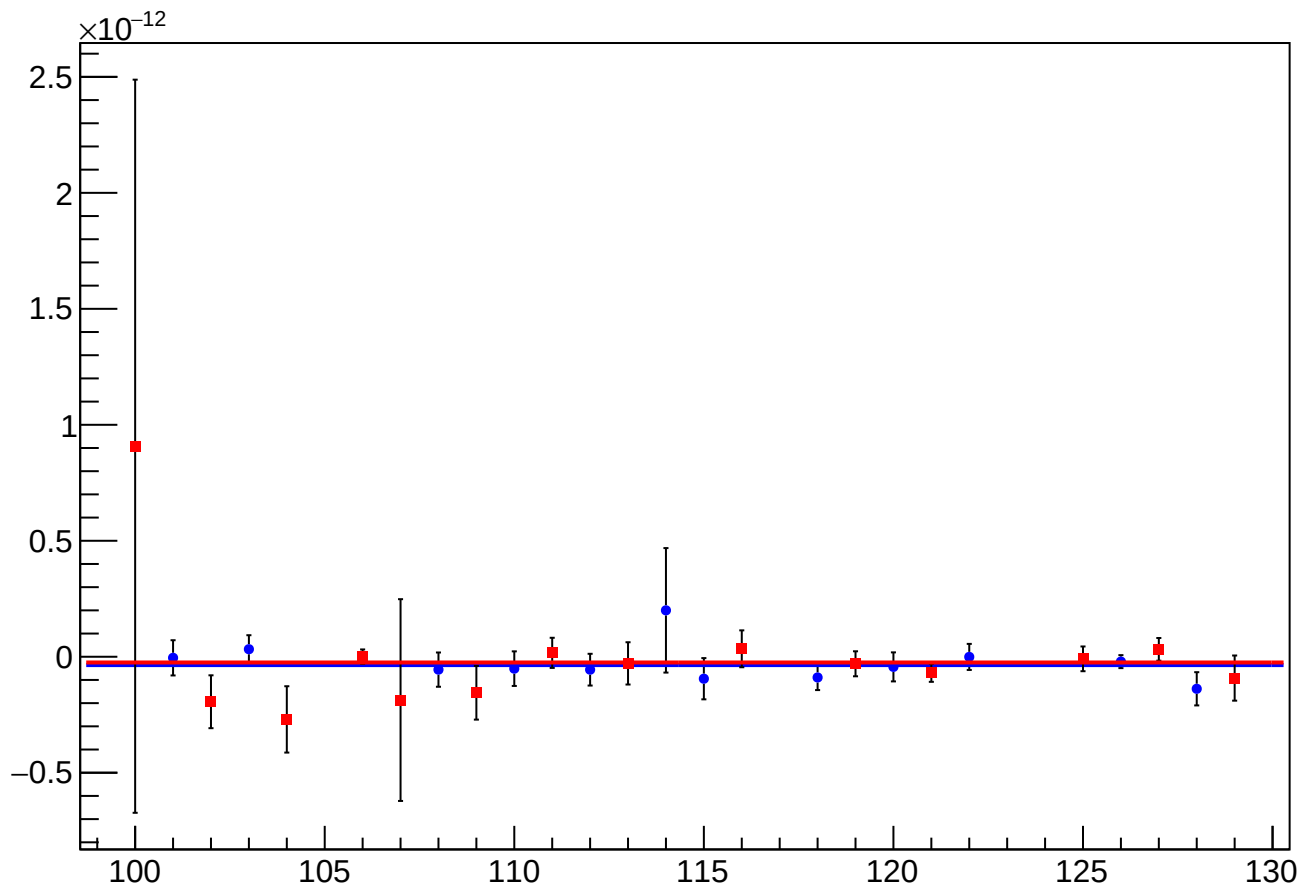
Right: 2532.759+/-0.563 χ^2/NDF : 1206672.4/25

In: 2528.008+/-0.824 χ^2/NDF : 618589.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2532.759+/-0.563 χ^2/NDF : 1206672.4/25

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.6/11

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

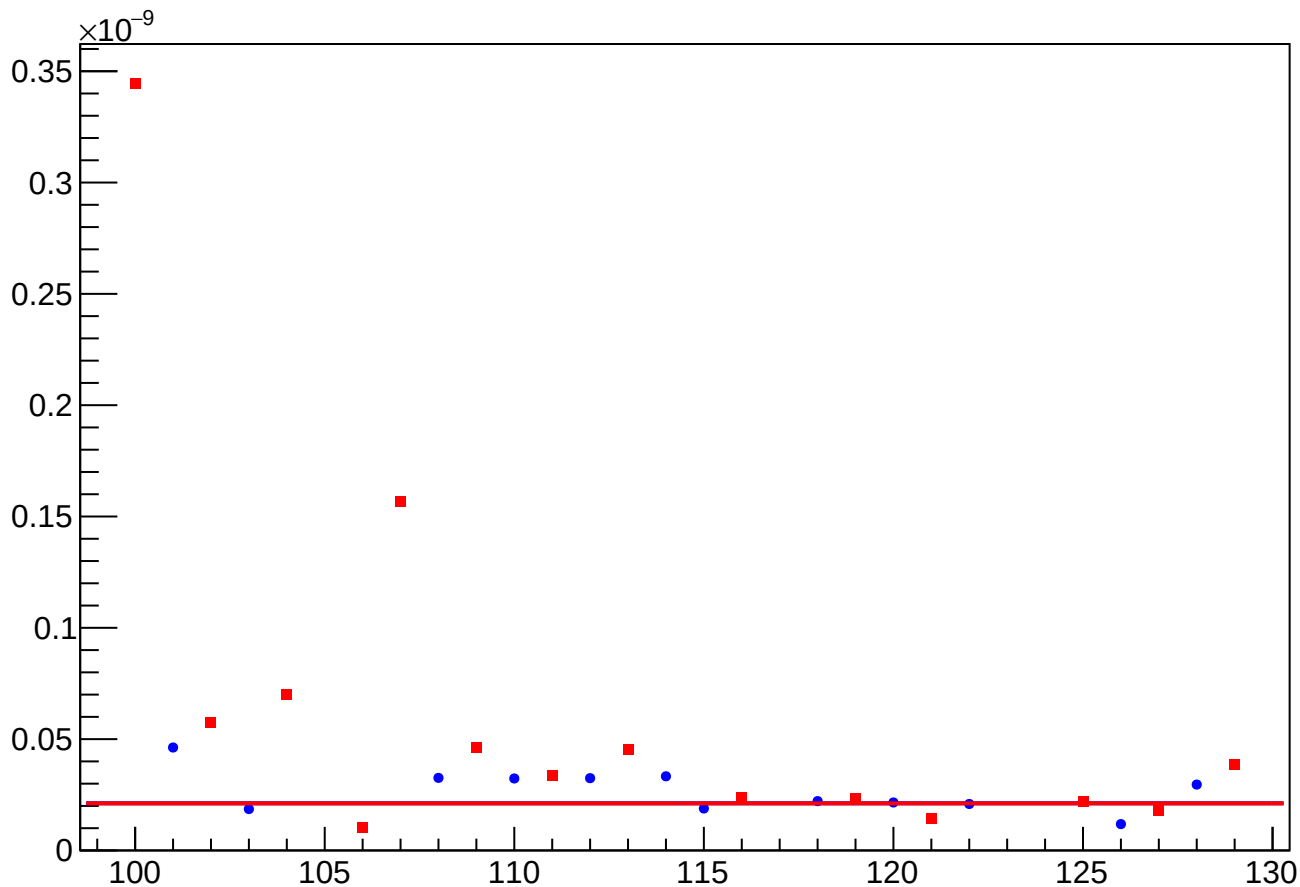
Right: -0.000+/-0.000 χ^2/NDF : 18.5/25

In: -0.000+/-0.000 χ^2/NDF : 6.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.5/25

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 625800.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1403191.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

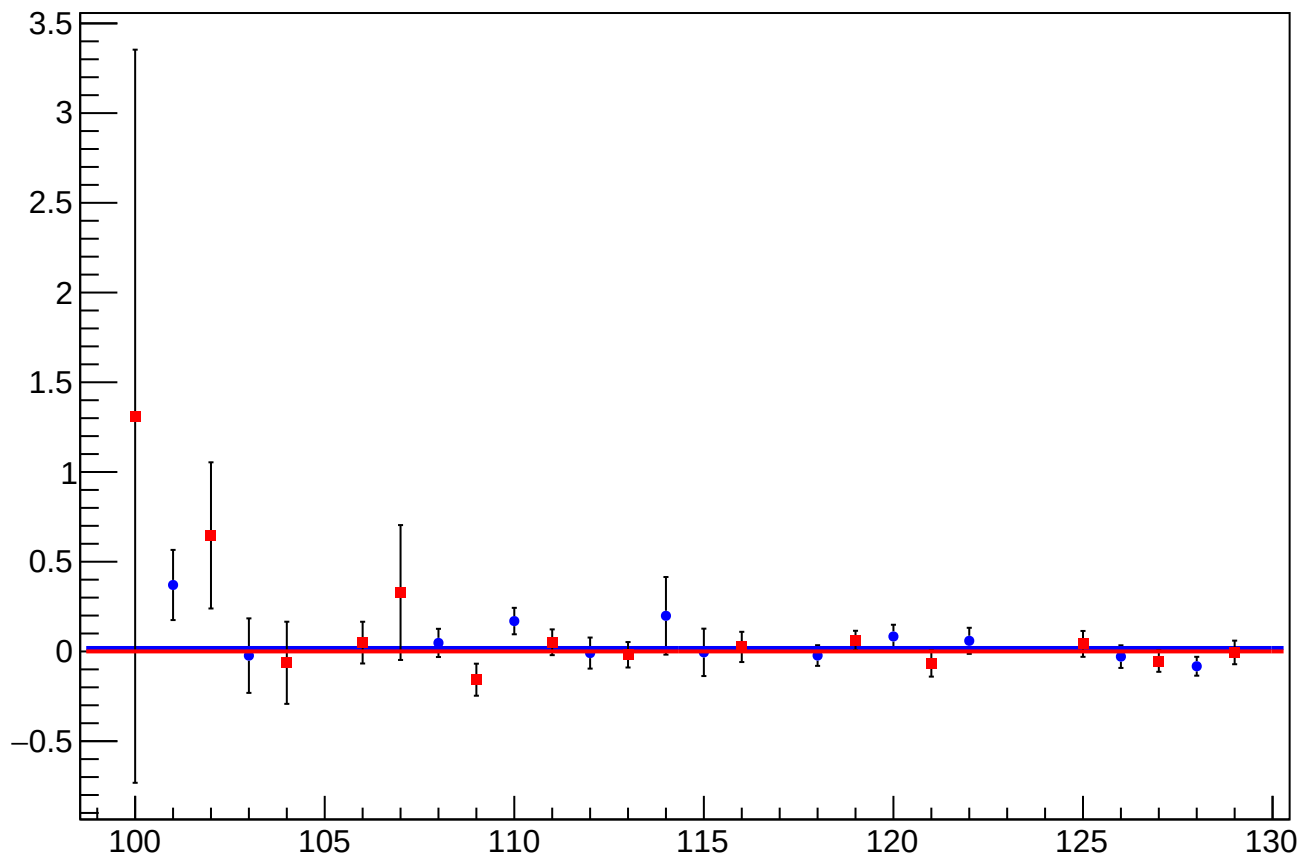
Right: 0.000+/-0.000 χ^2/NDF : 2028996.6/25

In: 0.000+/-0.000 χ^2/NDF : 625800.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2028996.6/25

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.023 χ^2/NDF : 14.5/11

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

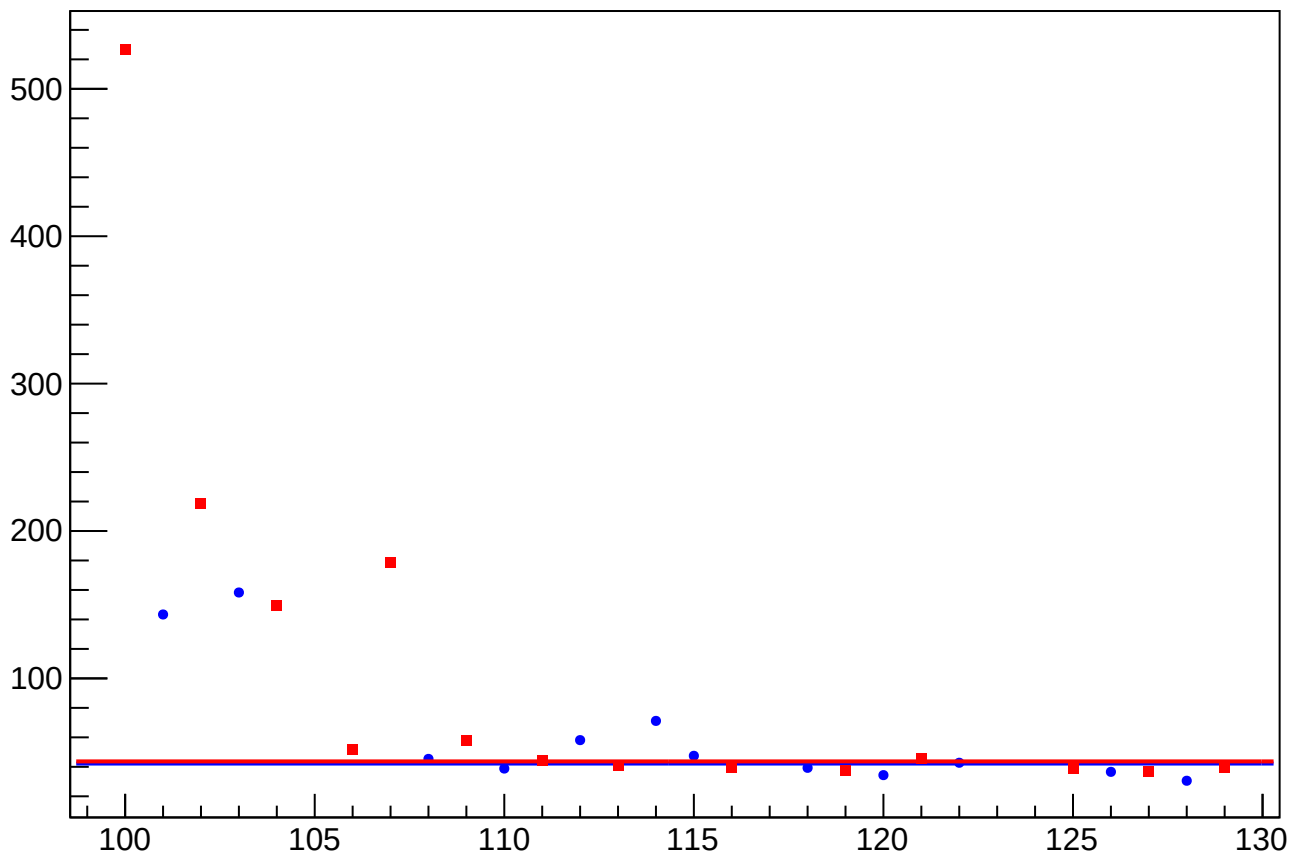
Right: 0.010+/-0.016 χ^2/NDF : 25.9/25

In: 0.019+/-0.023 χ^2/NDF :14.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.010+/-0.016 χ^2/NDF : 25.9/25

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.232+/-0.016 χ^2/NDF : 1422870.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

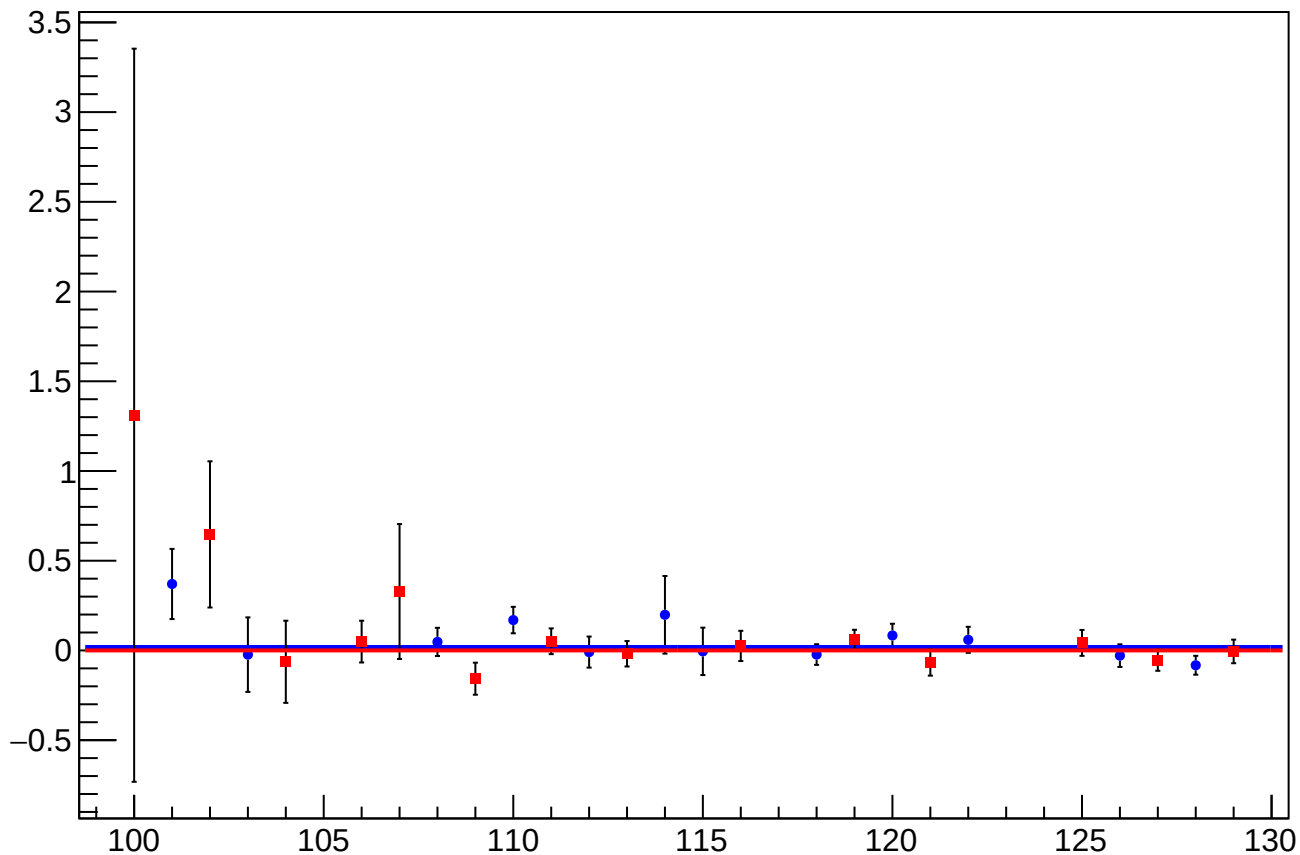
Right: 42.967+/-0.011 χ^2/NDF : 2733866.9/25

In: 42.232+/-0.016 χ^2/NDF : 1422870.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.967+/-0.011 χ^2/NDF : 2733866.9/25

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.023 χ^2/NDF : 14.5/11

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

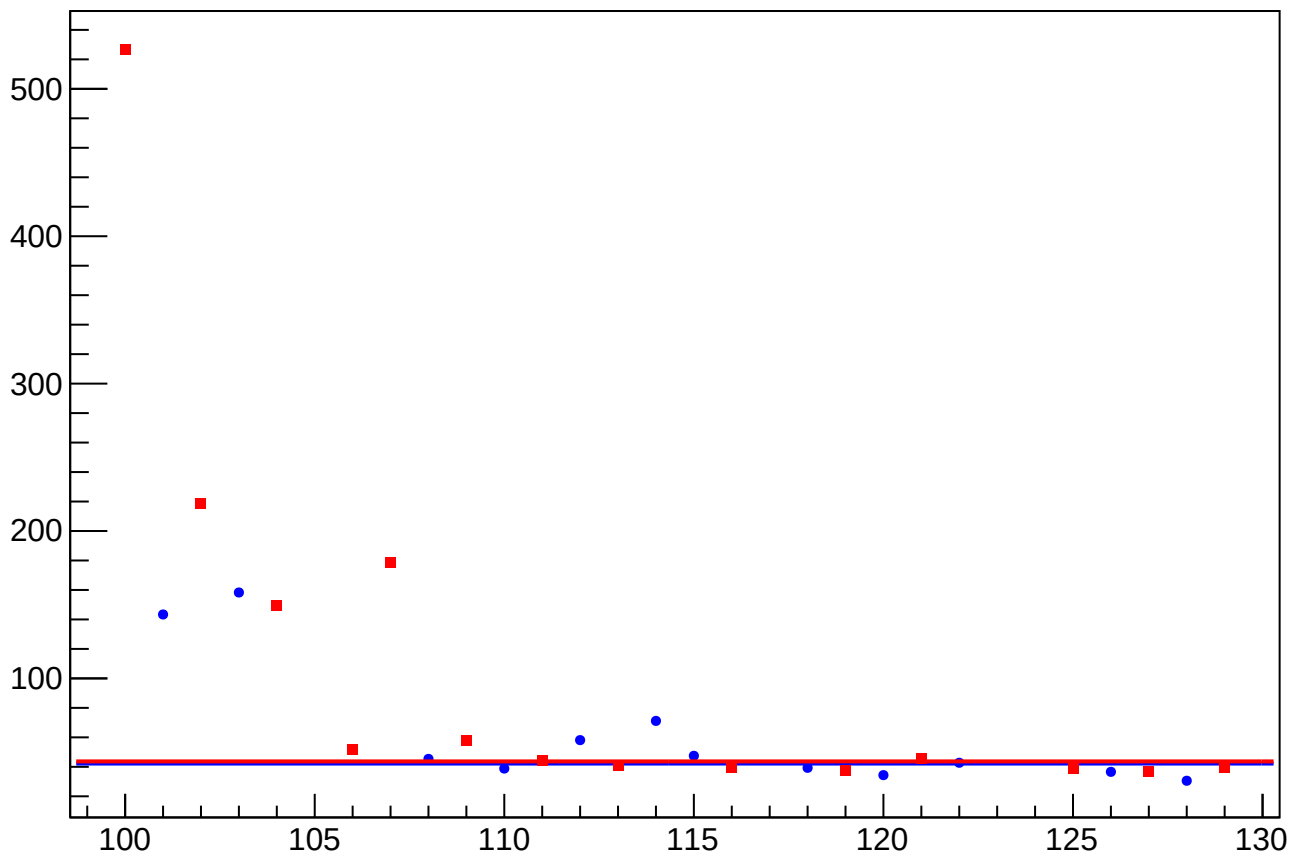
Right: 0.010+/-0.016 χ^2/NDF : 25.9/25

In: 0.019+/-0.023 χ^2/NDF :14.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.010+/-0.016 χ^2/NDF : 25.9/25

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.232+/-0.016 χ^2/NDF : 1422870.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

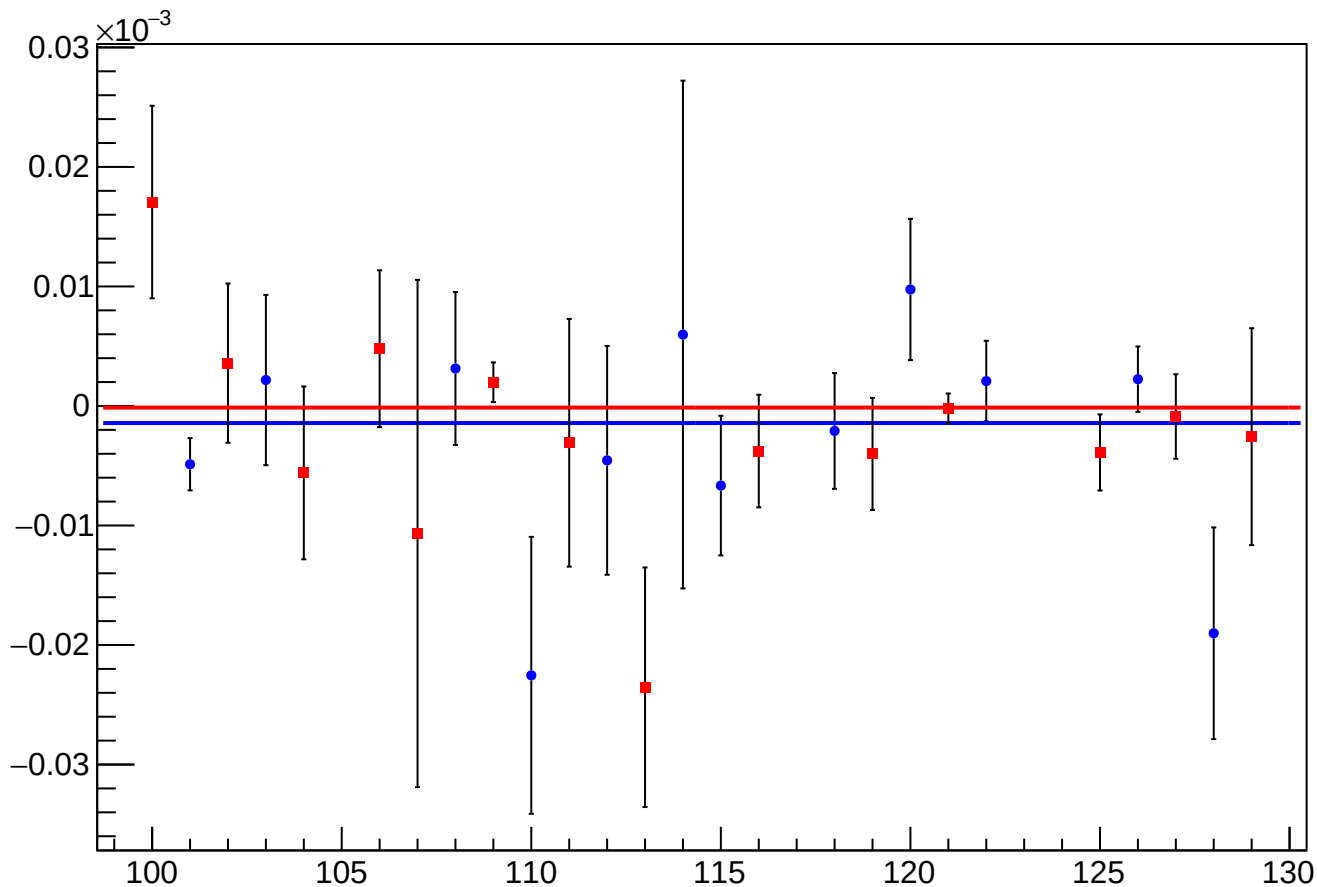
Right: 42.967+/-0.011 χ^2/NDF : 2733866.9/25

In: 42.232+/-0.016 χ^2/NDF : 1422870.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.967+/-0.011 χ^2/NDF : 2733866.9/25

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 18.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

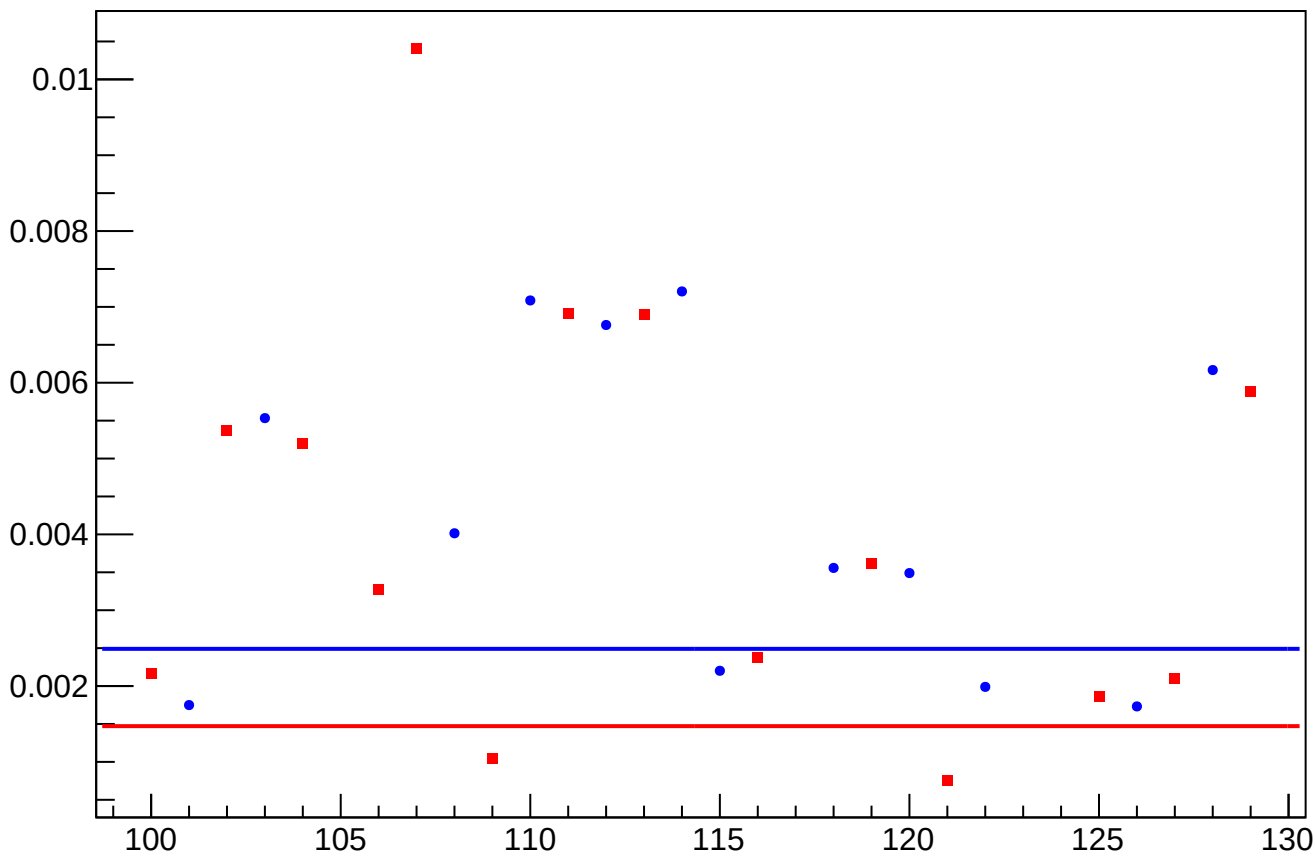
Right: -0.000+/-0.000 χ^2/NDF : 34.9/25

In: -0.000+/-0.000 χ^2/NDF : 18.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 34.9/25

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2222023.2/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 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

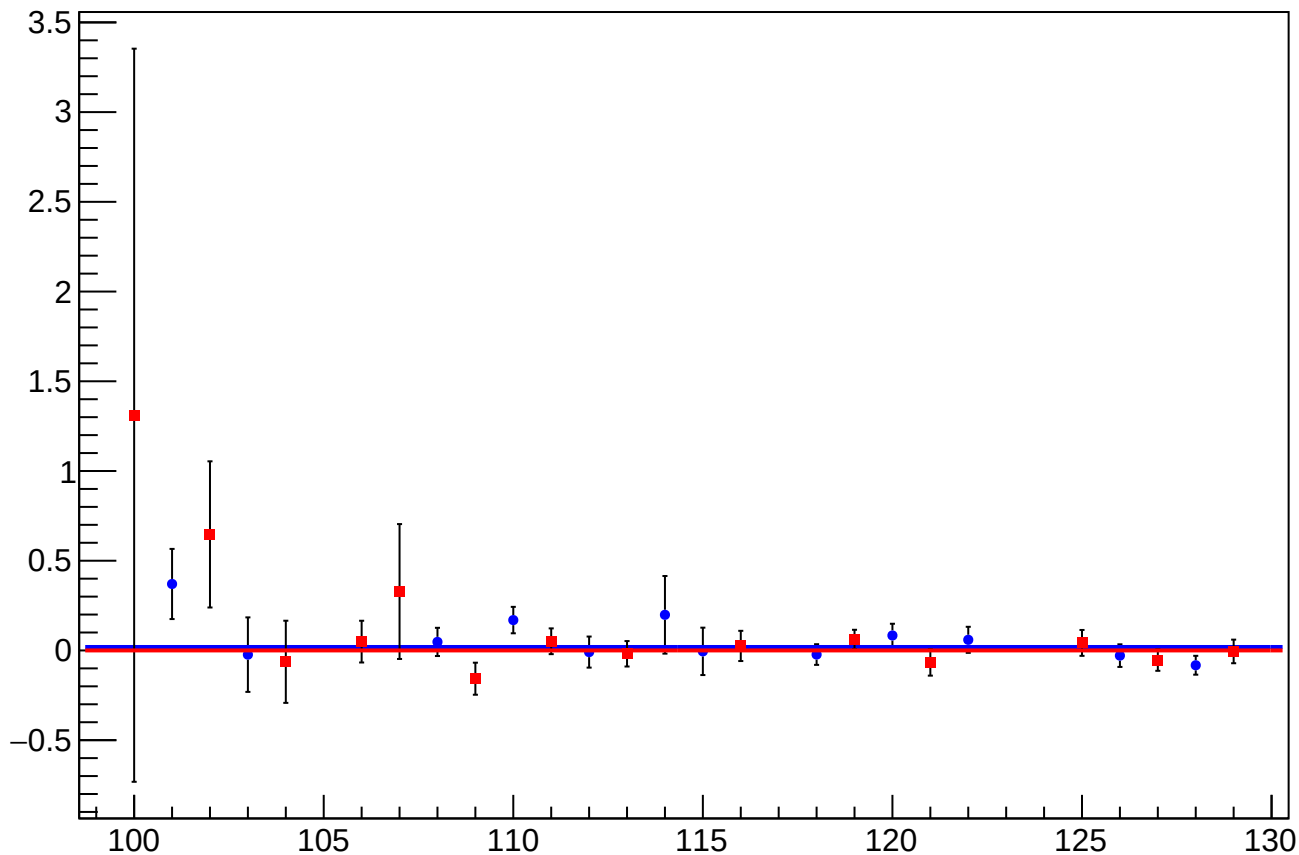
Right: 0.002+/-0.000 χ^2/NDF : 7835299.5/25

In: 0.002+/-0.000 χ^2/NDF :2222023.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 7835299.5/25

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.023 χ^2/NDF : 14.5/11

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

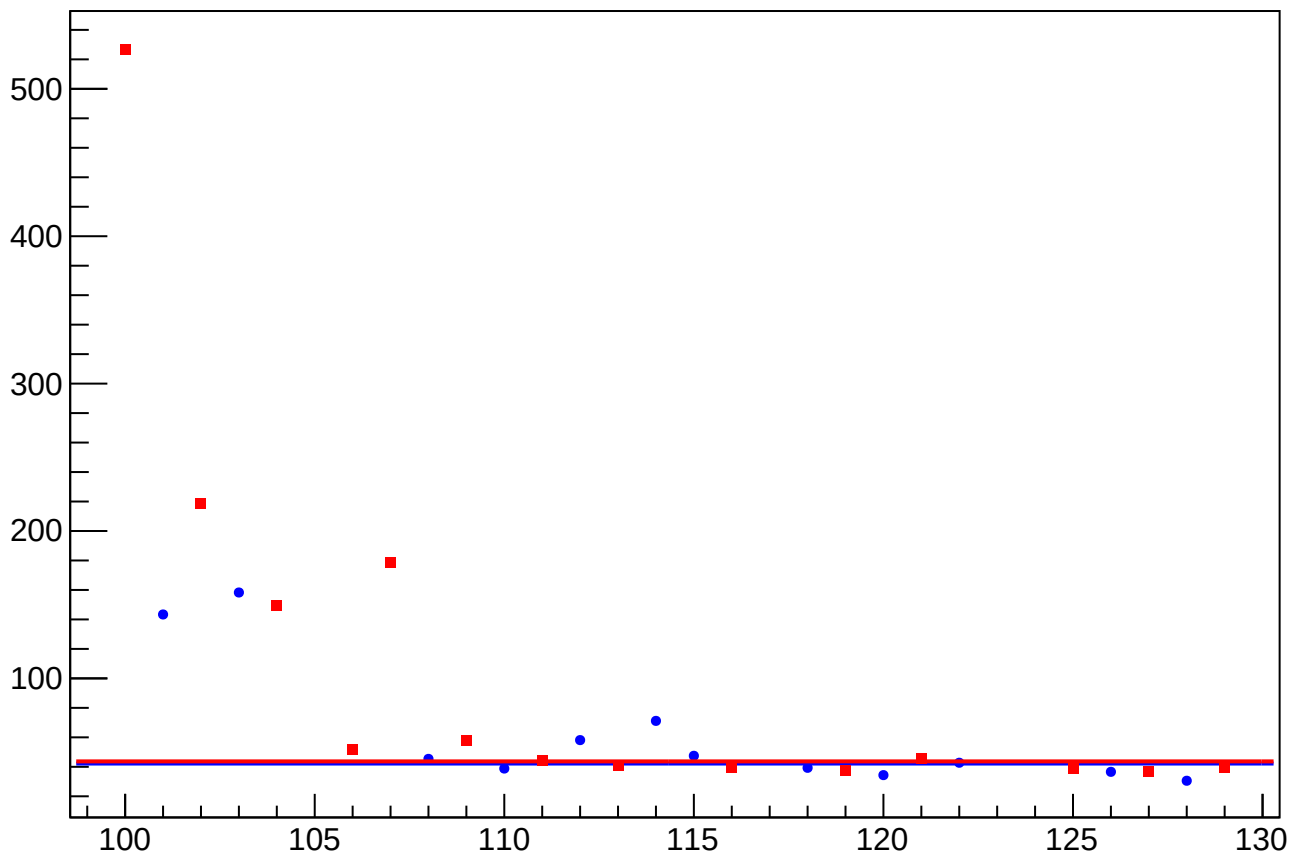
Right: 0.010+/-0.016 χ^2/NDF : 25.9/25

In: 0.019+/-0.023 χ^2/NDF :14.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.010+/-0.016 χ^2/NDF : 25.9/25

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.229+/-0.016 χ^2/NDF : 1423105.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

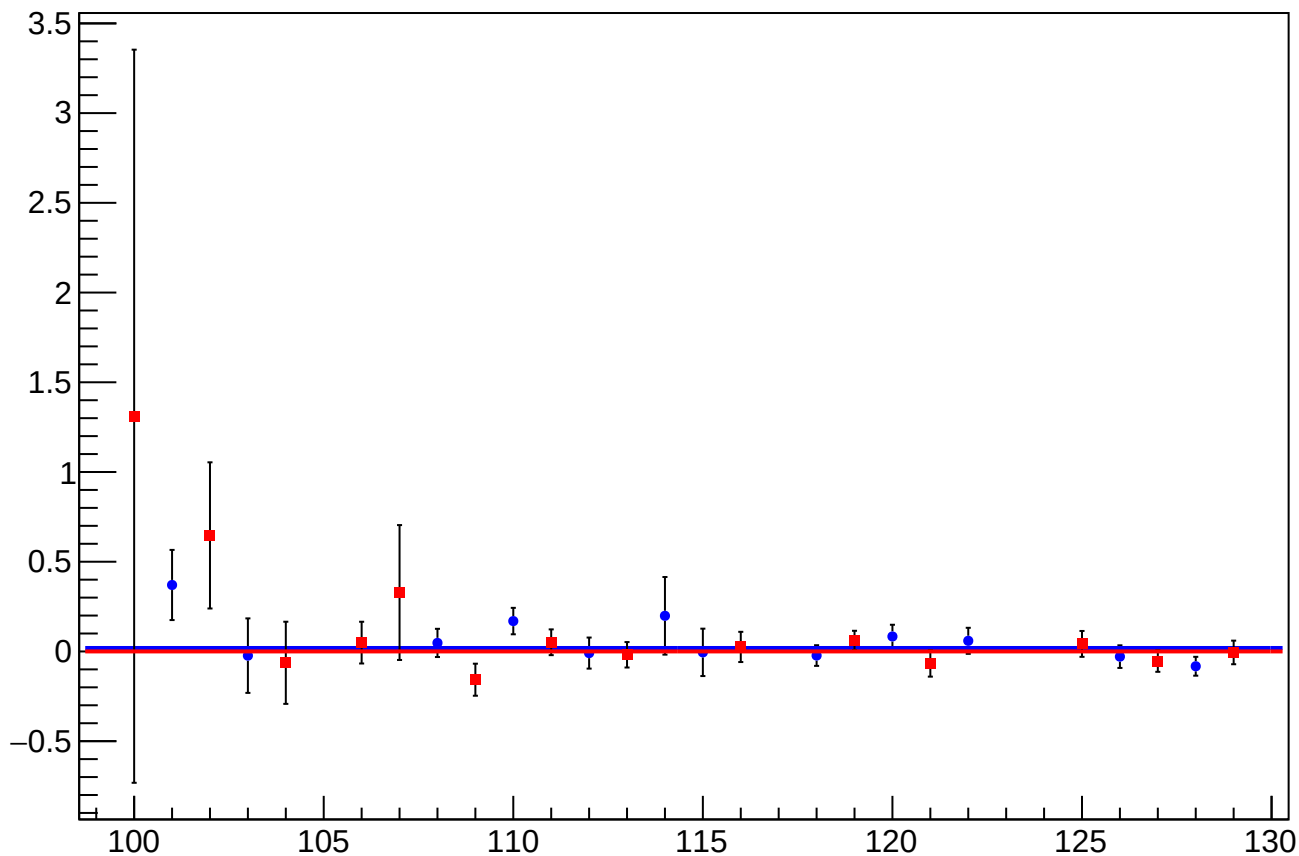
Right: 42.966+/-0.011 χ^2/NDF : 2734094.1/25

In: 42.229+/-0.016 χ^2/NDF : 1423105.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.966+/-0.011 χ^2/NDF : 2734094.1/25

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.023 χ^2/NDF : 14.5/11

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

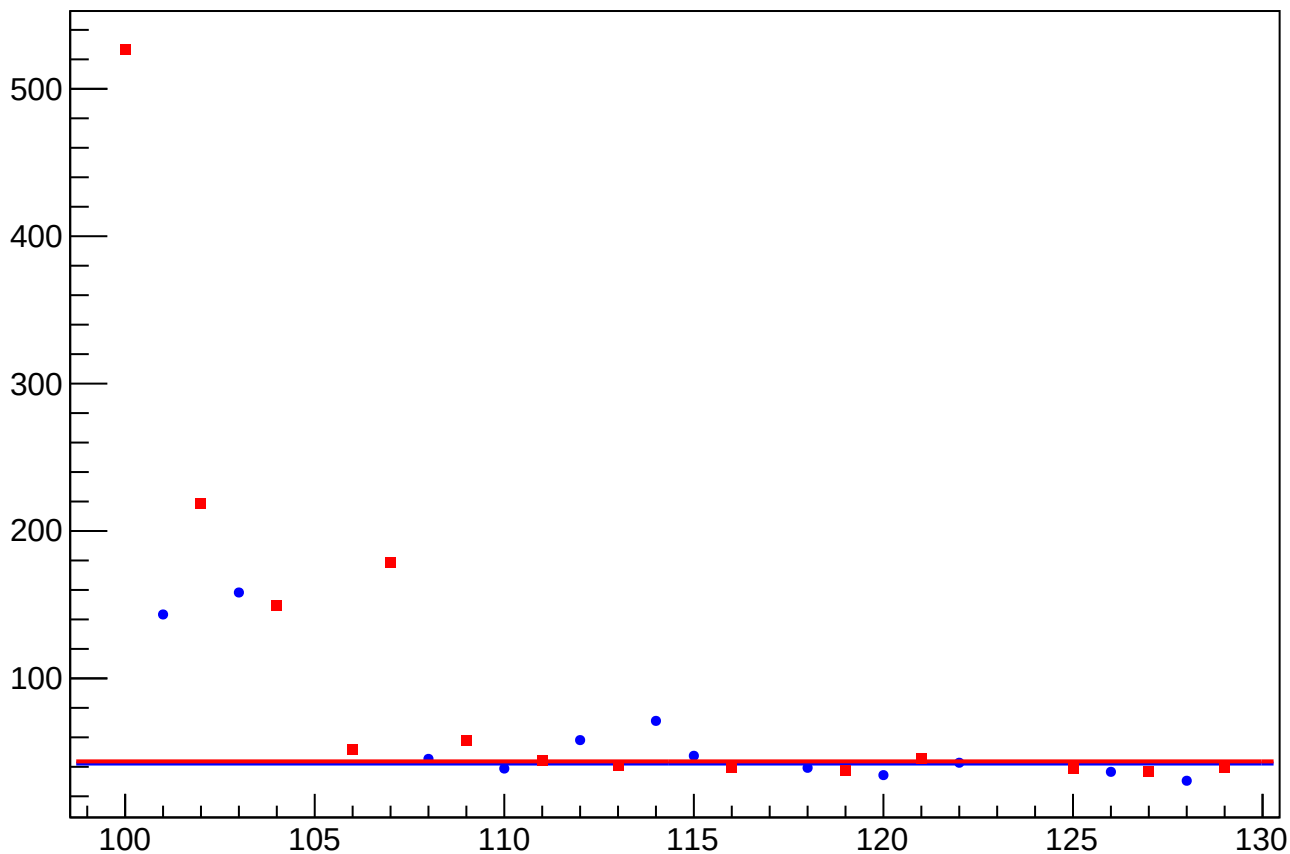
Right: 0.010+/-0.016 χ^2/NDF : 25.9/25

In: 0.019+/-0.023 χ^2/NDF :14.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.010+/-0.016 χ^2/NDF : 25.9/25

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.229+/-0.016 χ^2/NDF : 1423105.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

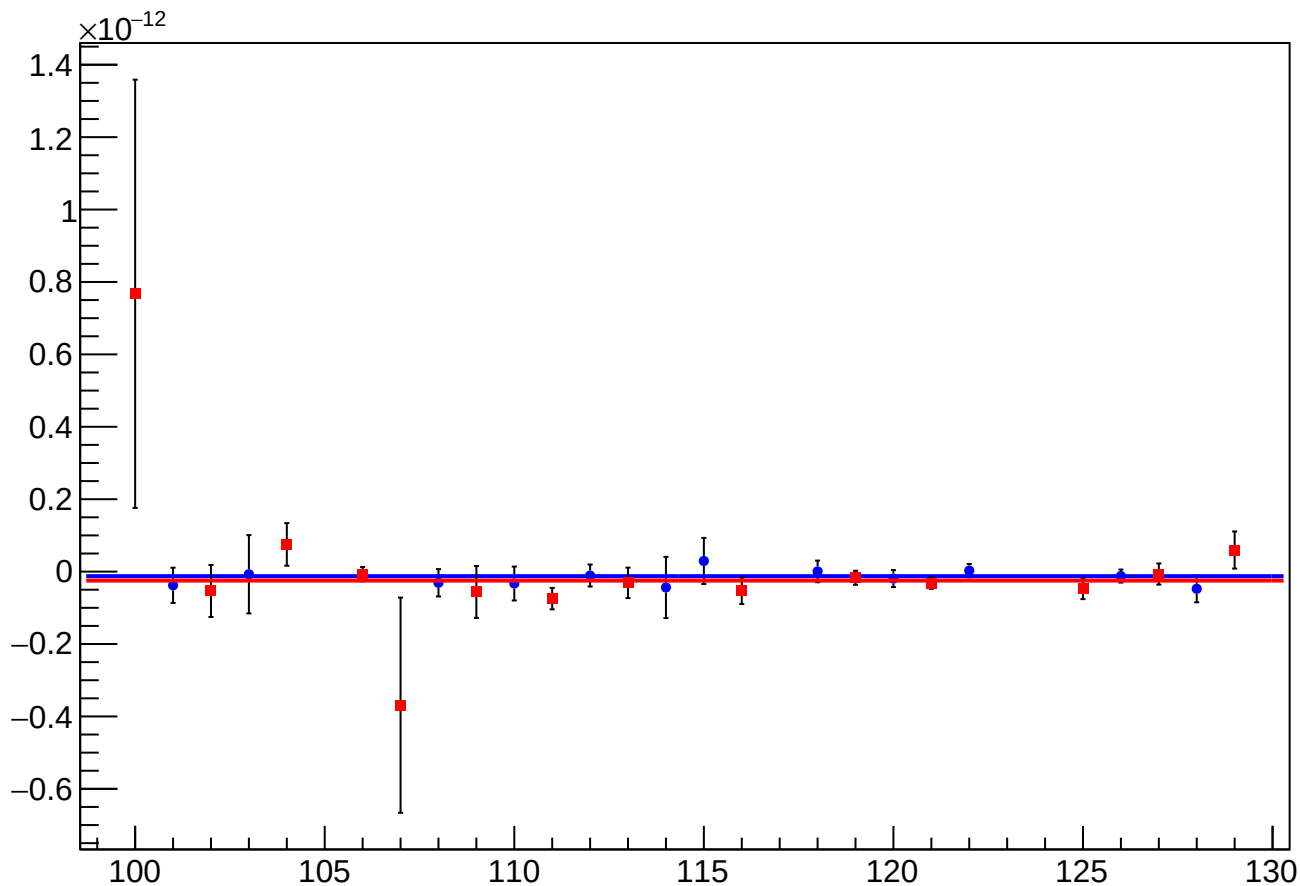
Right: 42.966+/-0.011 χ^2/NDF : 2734094.1/25

In: 42.229+/-0.016 χ^2/NDF : 1423105.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.966+/-0.011 χ^2/NDF : 2734094.1/25

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 : 3.1/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.7/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

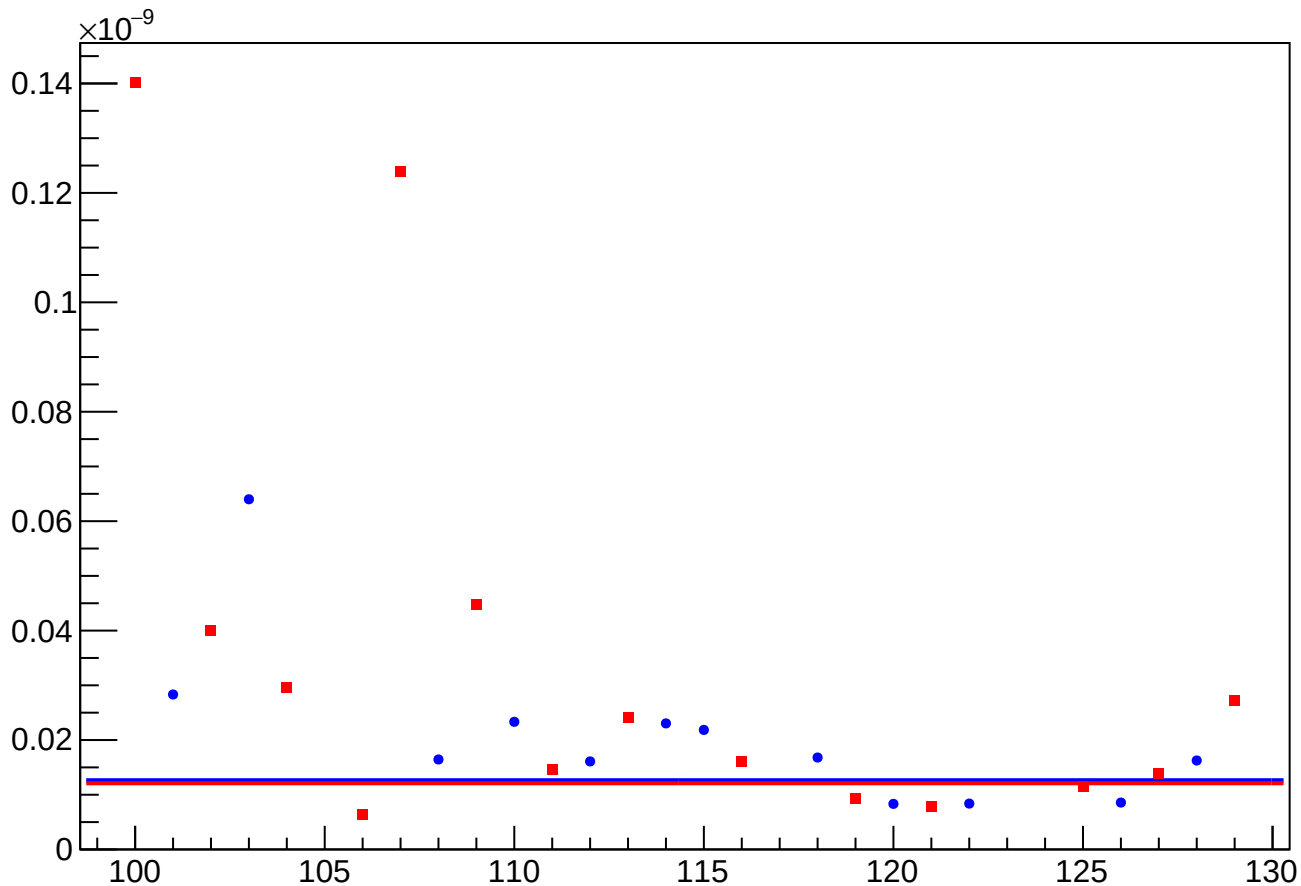
Right: -0.000+/-0.000 χ^2/NDF : 18.8/25

In: -0.000+/-0.000 χ^2/NDF :3.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.8/25

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 : 1216281.4/11

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

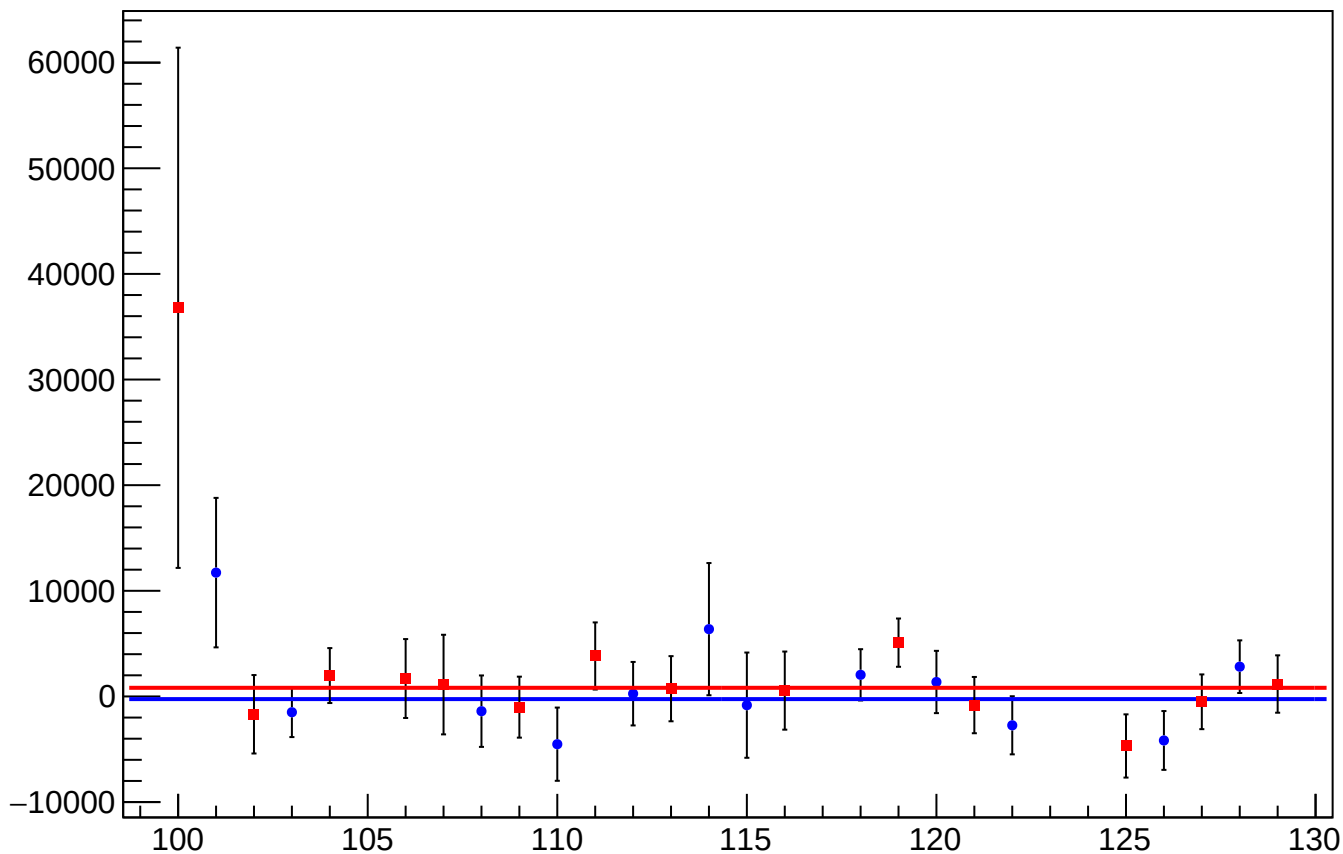
Right: 0.000+/-0.000 χ^2/NDF : 3221059.2/25

In: 0.000+/-0.000 χ^2/NDF : 1216281.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3221059.2/25

reg_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -251.707+/-892.733 χ^2 /NDF: 11.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 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

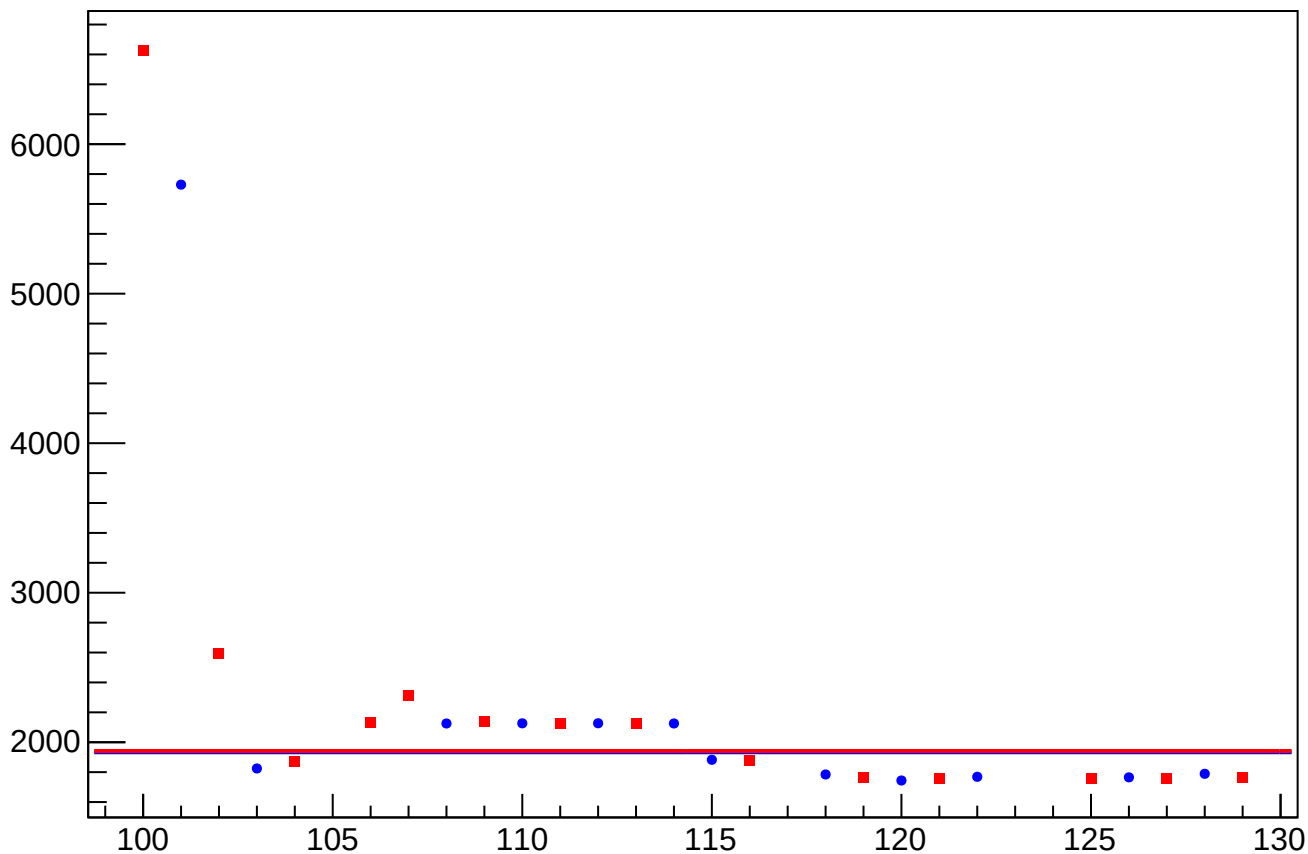
Right: 324.412+/-606.413 χ^2 /NDF: 23.9/25

In: -251.707+/-892.733 χ^2 /NDF:11.4/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 324.412+/-606.413 χ^2 /NDF: 23.9/25

reg_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1933.106+/-0.631 χ^2 /NDF: 639924.0/11

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

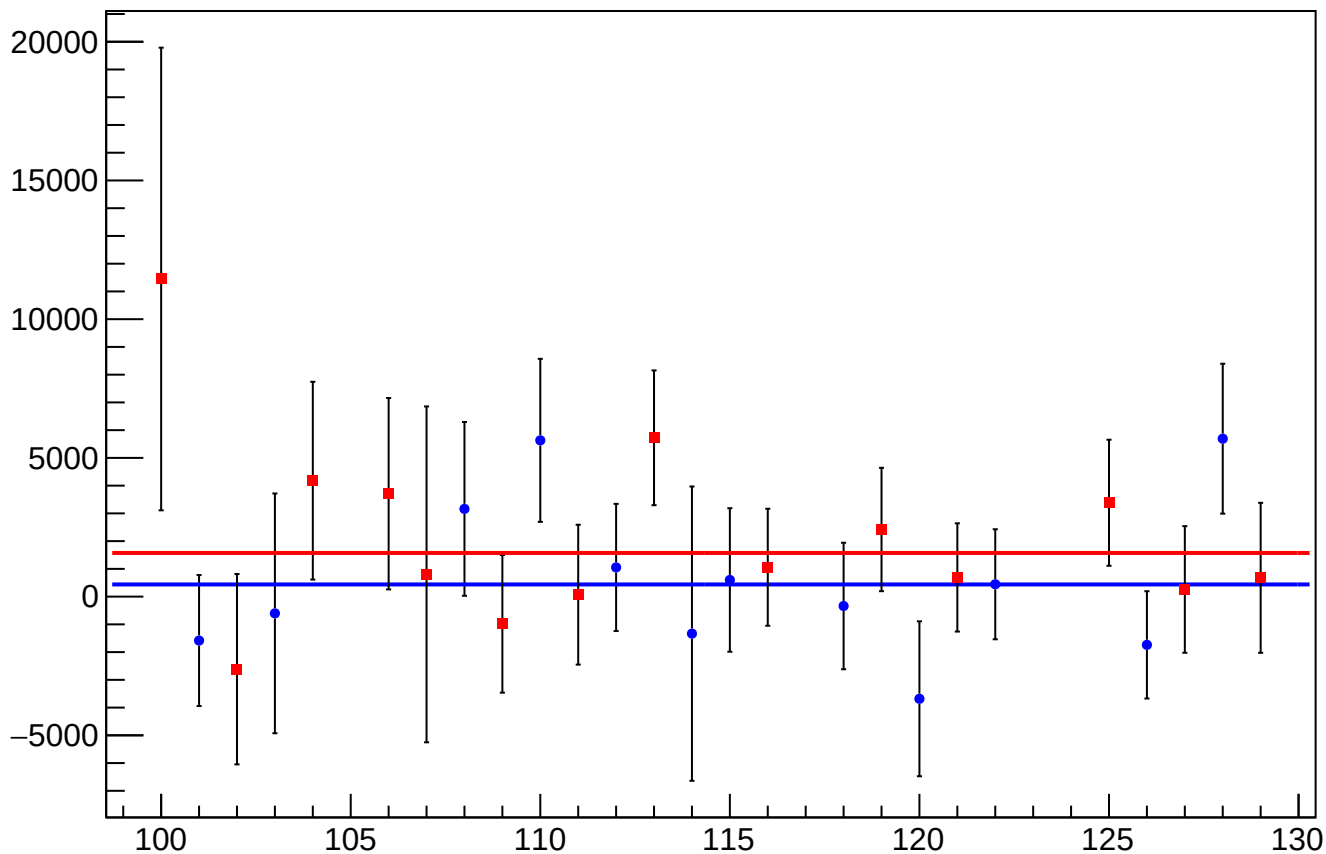
Right: 1937.628+/-0.429 χ^2 /NDF: 864202.7/25

In: 1933.106+/-0.631 χ^2 /NDF:639924.0/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1937.628+/-0.429 χ^2 /NDF: 864202.7/25

asym_us_dd_at1lr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 438.571+/-744.190 χ^2/NDF : 12.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

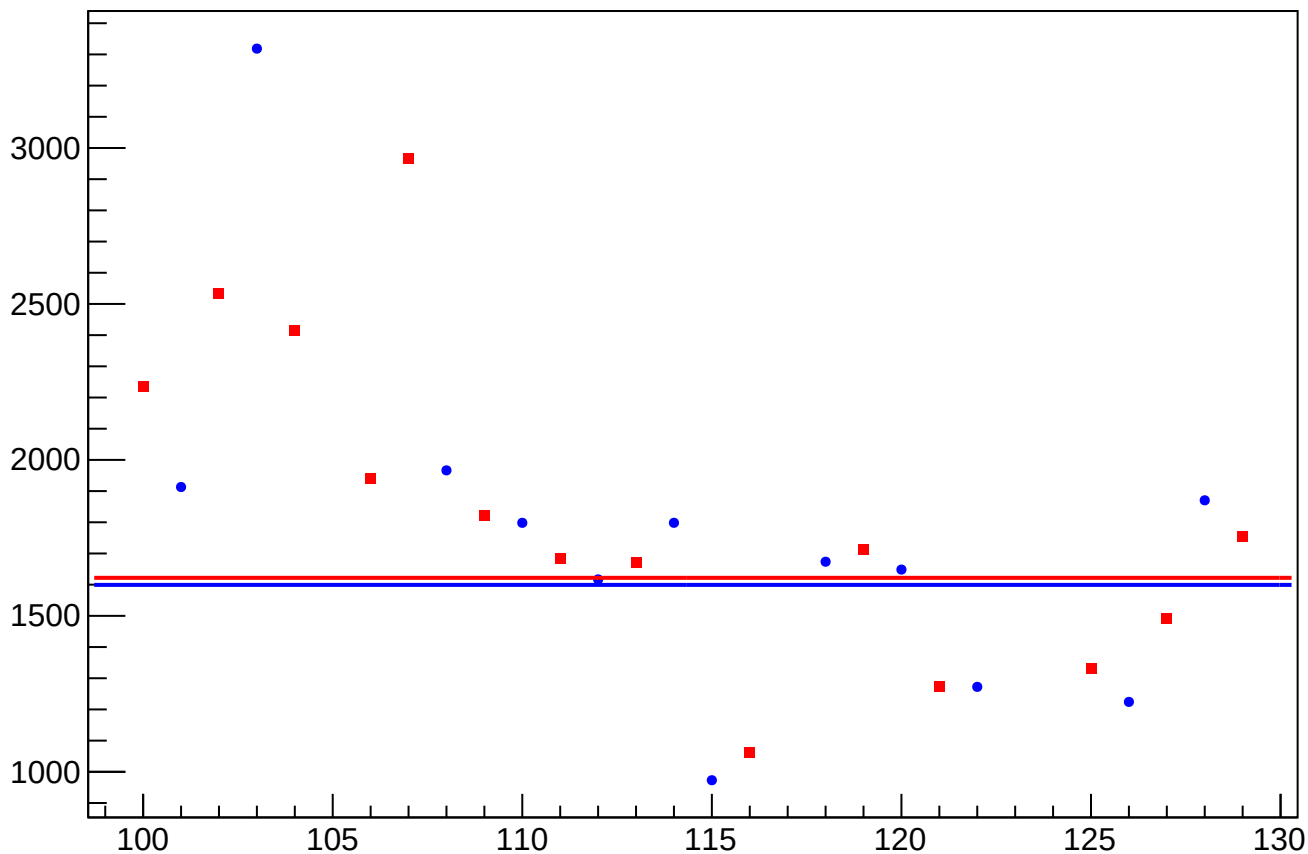
Right: 1033.807+/-513.210 χ^2/NDF : 23.1/25

In: 438.571+/-744.190 χ^2/NDF : 12.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1033.807+/-513.210 χ^2/NDF : 23.1/25

asym_us_dd_at1lr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1599.265+/-0.526 χ^2/NDF : 661306.5/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

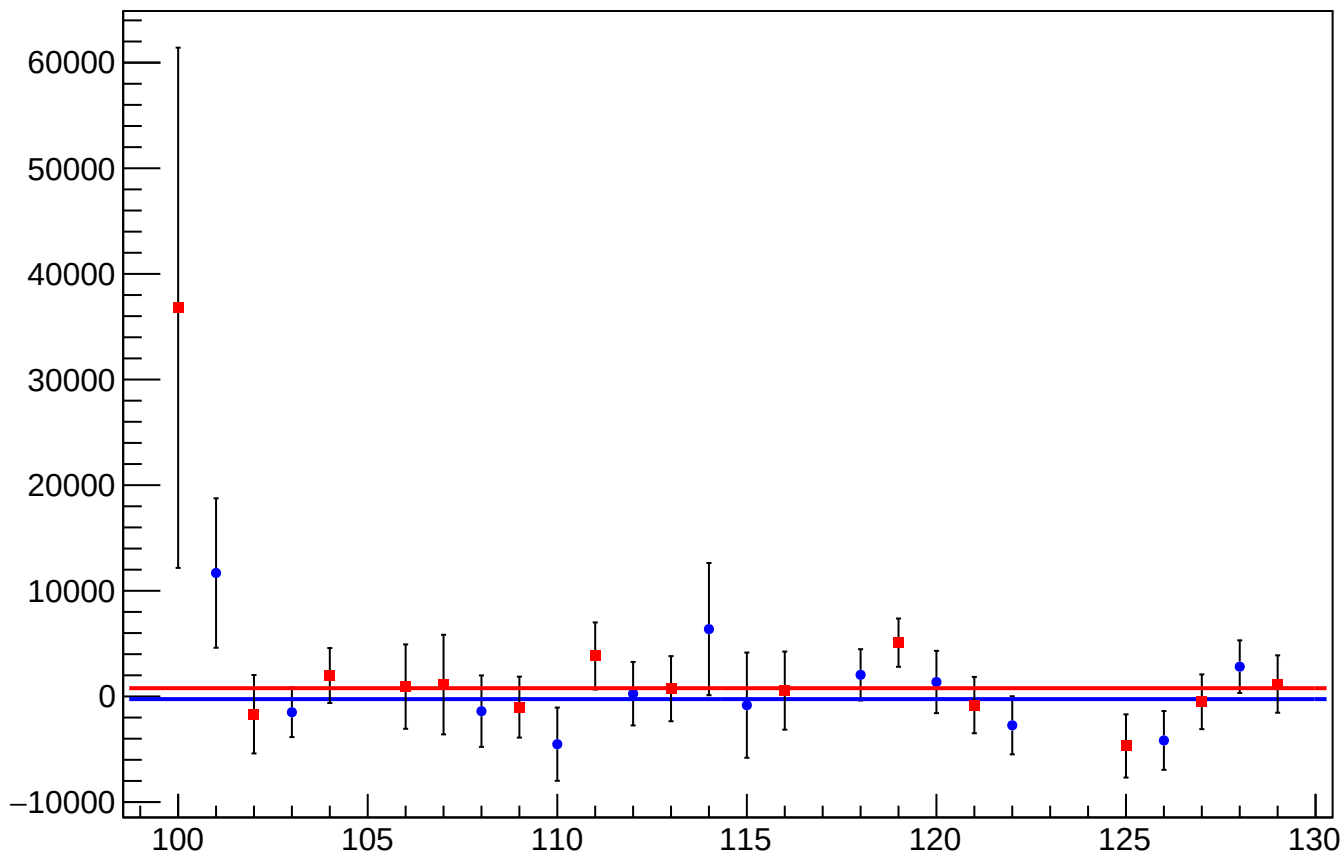
Right: 1611.158+/-0.363 χ^2/NDF : 1295536.0/25

In: 1599.265+/-0.526 χ^2/NDF :661306.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1611.158+/-0.363 χ^2/NDF : 1295536.0/25

cor_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -252.743+/-892.734 χ^2/NDF : 11.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

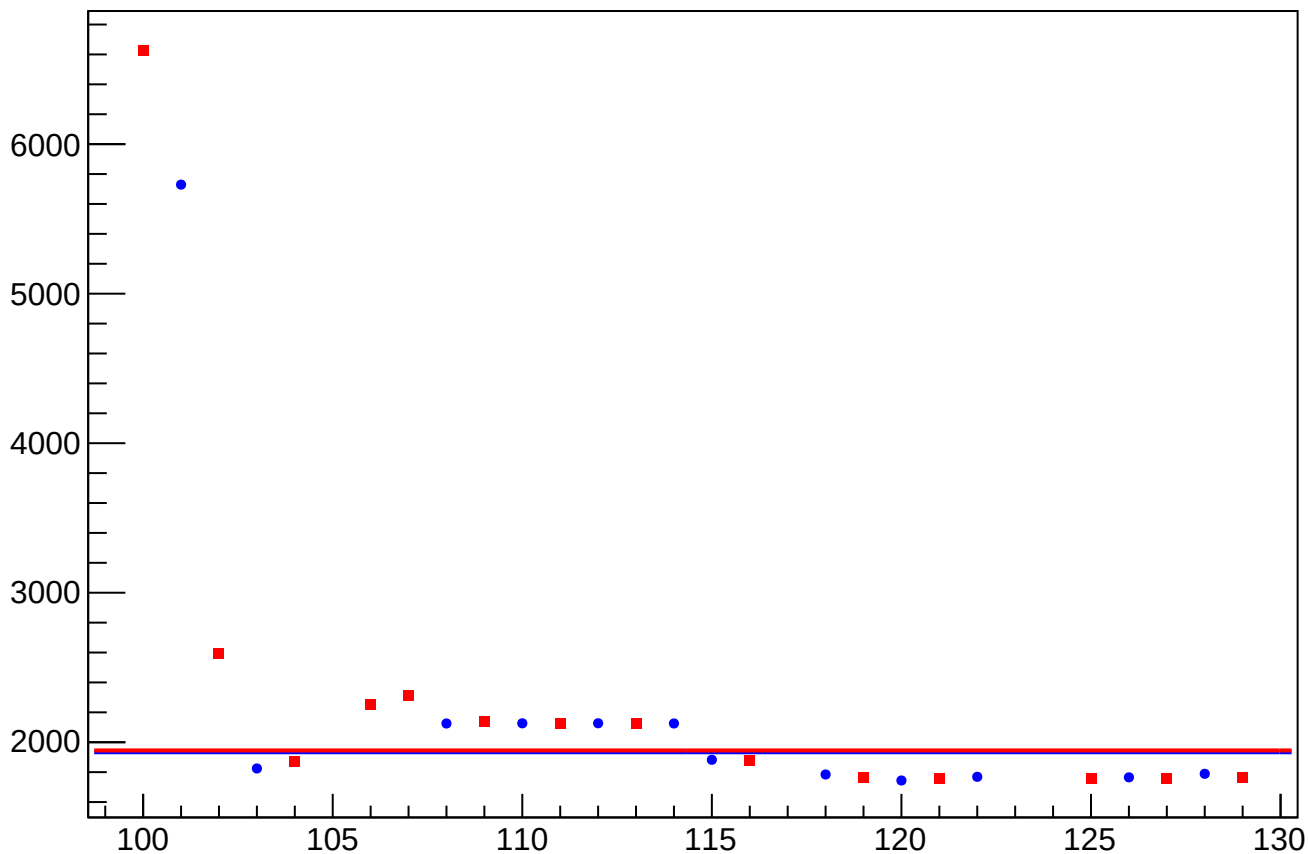
Right: 302.095+/-607.417 χ^2/NDF : 23.8/25

In: -252.743+/-892.734 χ^2/NDF : 11.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 302.095+/-607.417 χ^2/NDF : 23.8/25

cor_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1933.106+/-0.631 χ^2/NDF : 639923.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

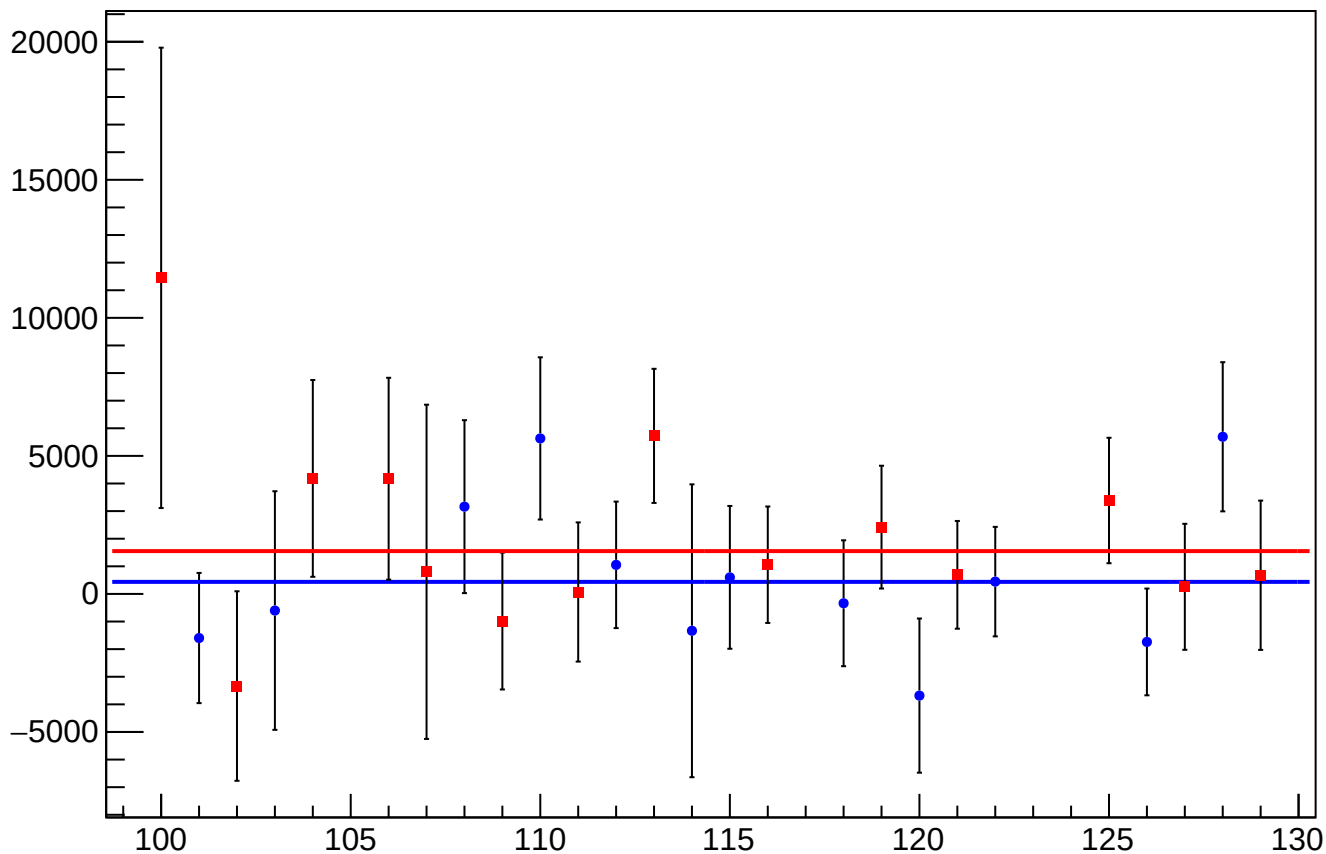
Right: 1939.681+/-0.430 χ^2/NDF : 870905.2/25

In: 1933.106+/-0.631 χ^2/NDF : 639923.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1939.681+/-0.430 χ^2/NDF : 870905.2/25

asym_us_dd_at1lr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 436.849+/-744.091 χ^2/NDF : 12.2/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

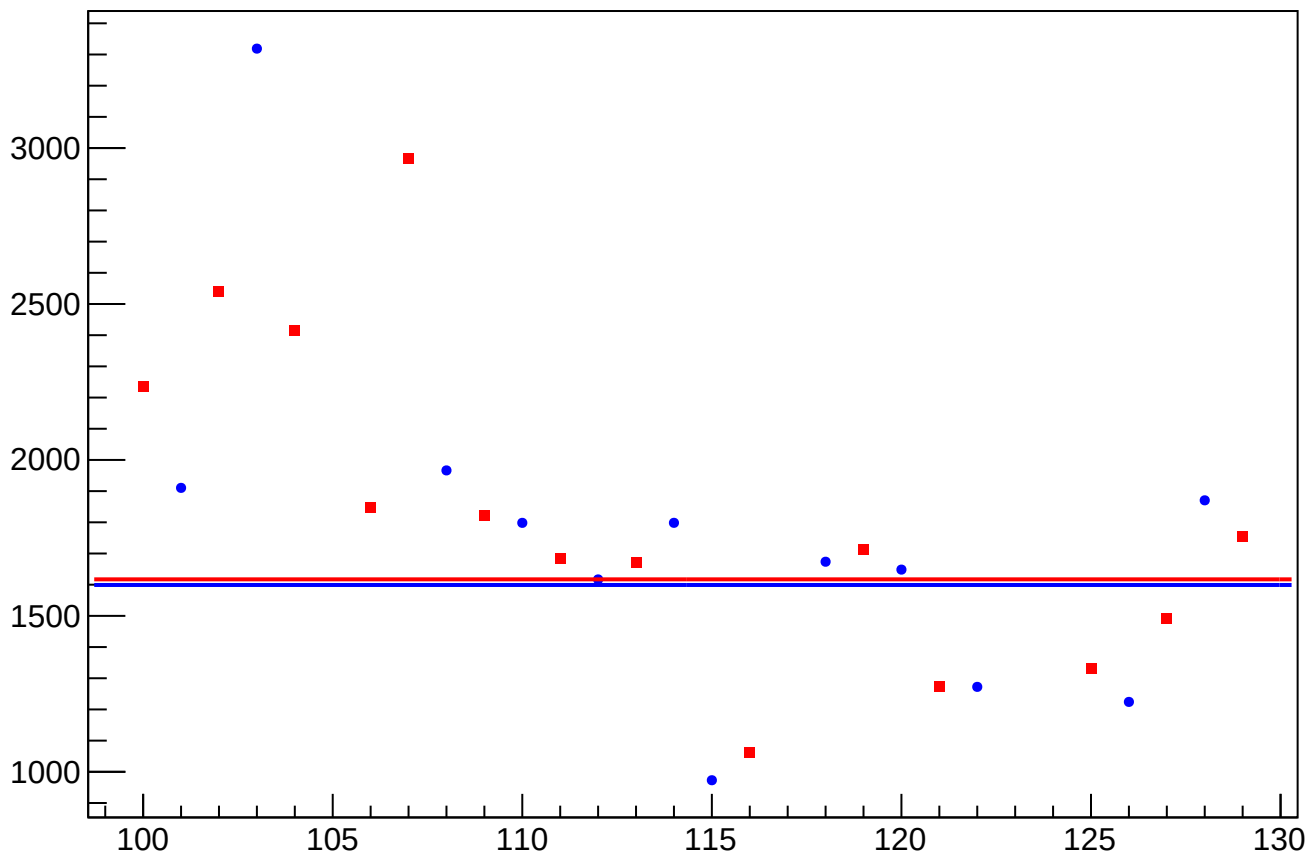
Right: 1019.680+/-513.804 χ^2/NDF : 23.7/25

In: 436.849+/-744.091 χ^2/NDF :12.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1019.680+/-513.804 χ^2/NDF : 23.7/25

asym_us_dd_at1lr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1599.089+/-0.526 χ^2/NDF : 660867.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

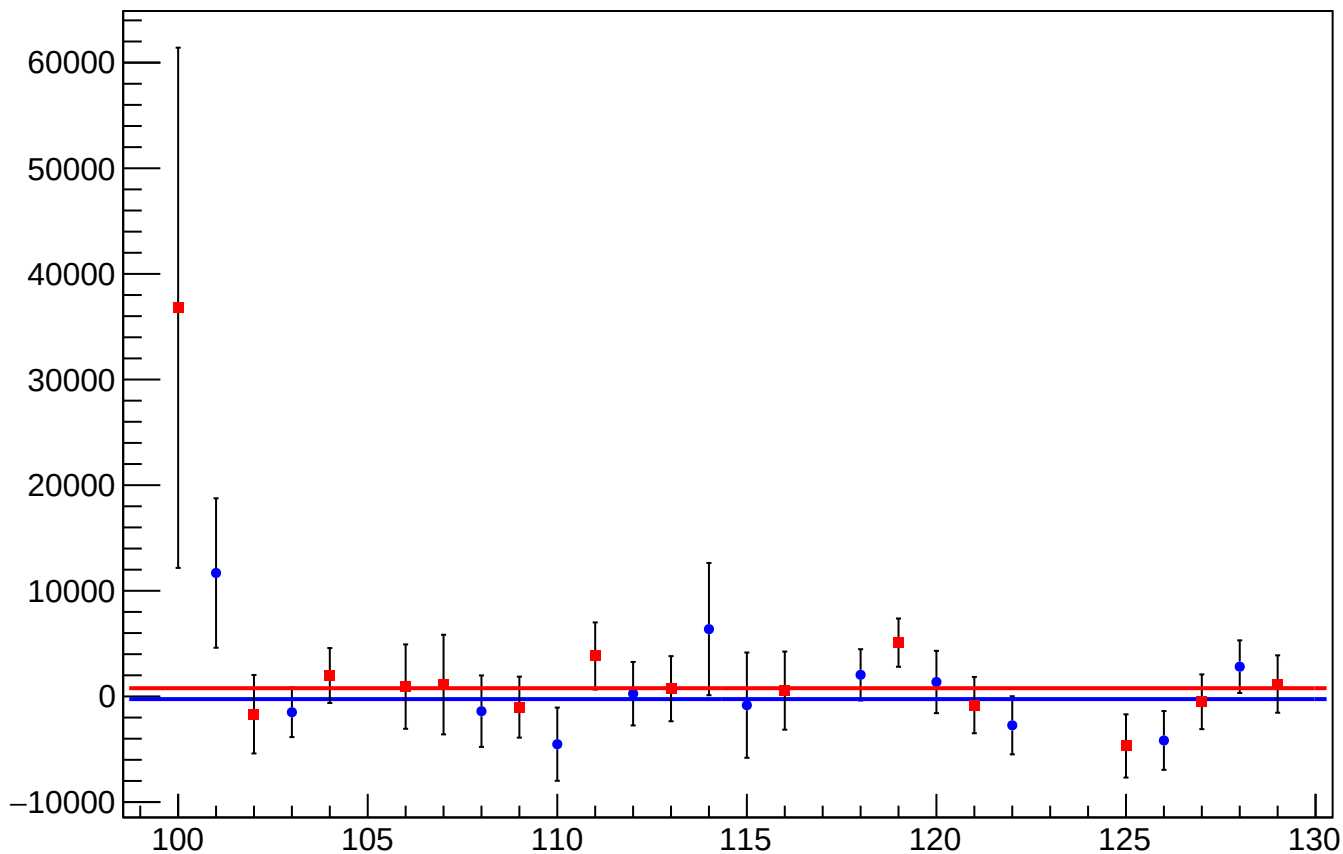
Right: 1608.534+/-0.363 χ^2/NDF : 1286911.5/25

In: 1599.089+/-0.526 χ^2/NDF : 660867.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1608.534+/-0.363 χ^2/NDF : 1286911.5/25

eigen_cor_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -252.743+/-892.734 χ^2/NDF : 11.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

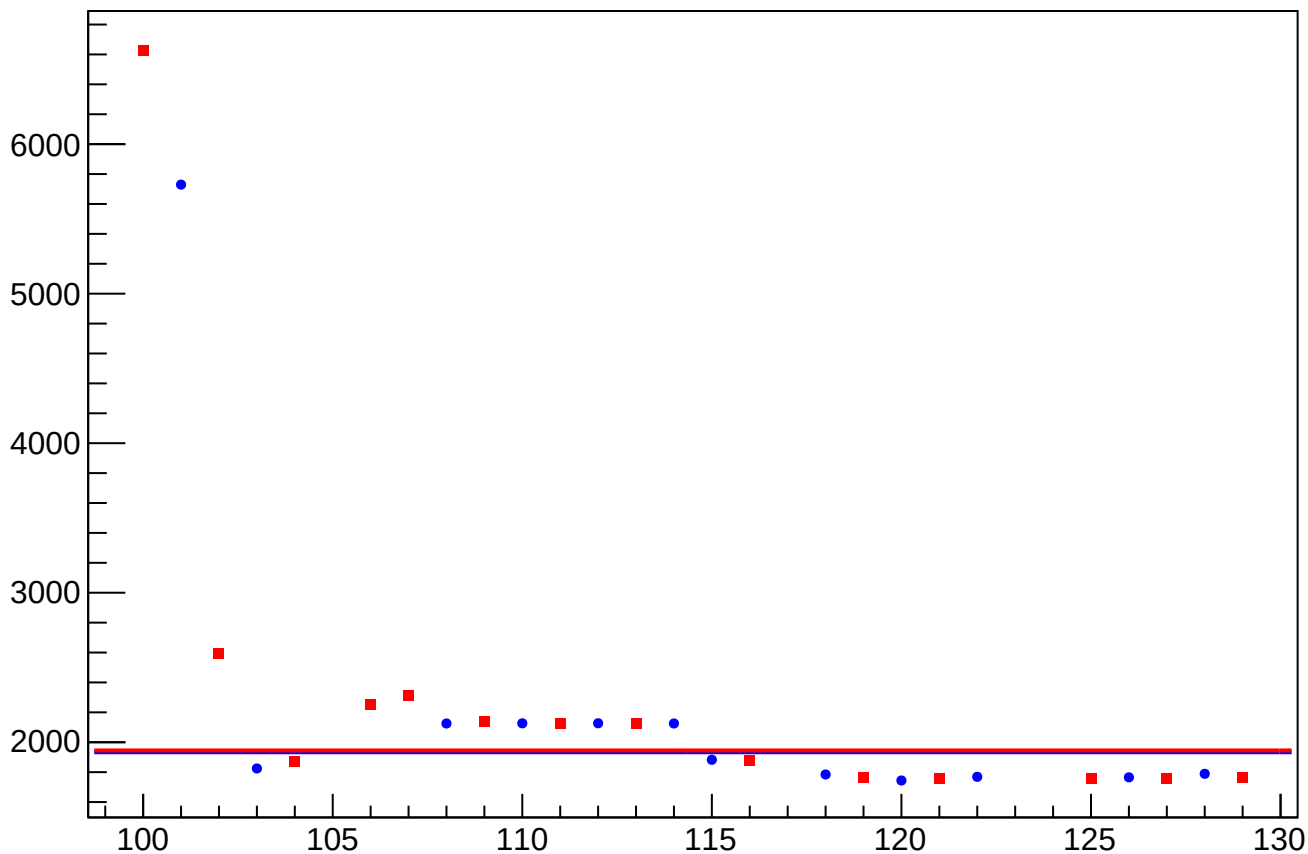
Right: 302.095+/-607.417 χ^2/NDF : 23.8/25

In: -252.743+/-892.734 χ^2/NDF : 11.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 302.095+/-607.417 χ^2/NDF : 23.8/25

eigen_cor_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1933.106+/-0.631 χ^2 /NDF: 639923.9/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 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

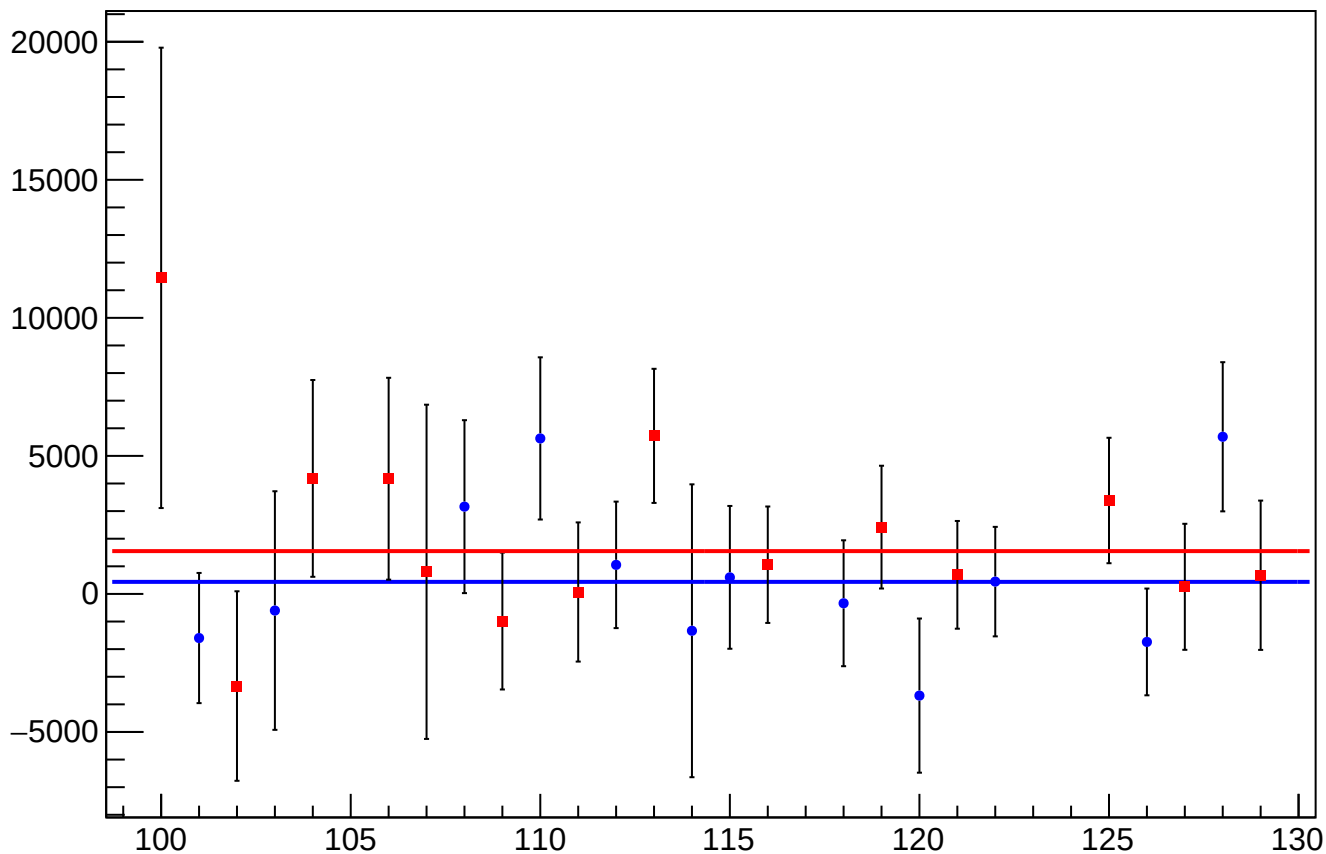
Right: 1939.681+/-0.430 χ^2 /NDF: 870905.2/25

In: 1933.106+/-0.631 χ^2 /NDF:639923.9/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1939.681+/-0.430 χ^2 /NDF: 870905.2/25

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 436.849+/-744.091 χ^2/NDF : 12.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

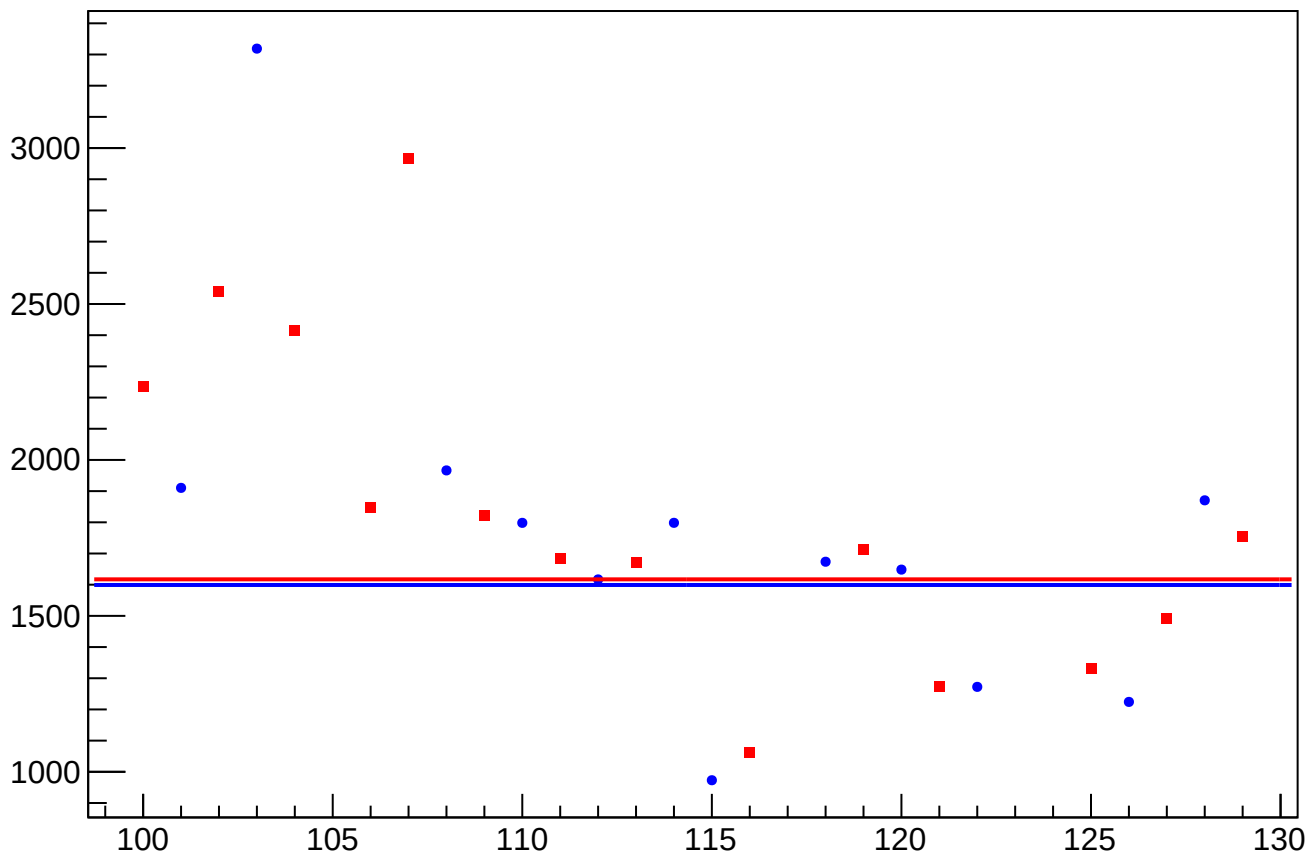
Right: 1019.680+/-513.804 χ^2/NDF : 23.7/25

In: 436.849+/-744.091 χ^2/NDF : 12.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1019.680+/-513.804 χ^2/NDF : 23.7/25

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1599.089+/-0.526 χ^2/NDF : 660867.5/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

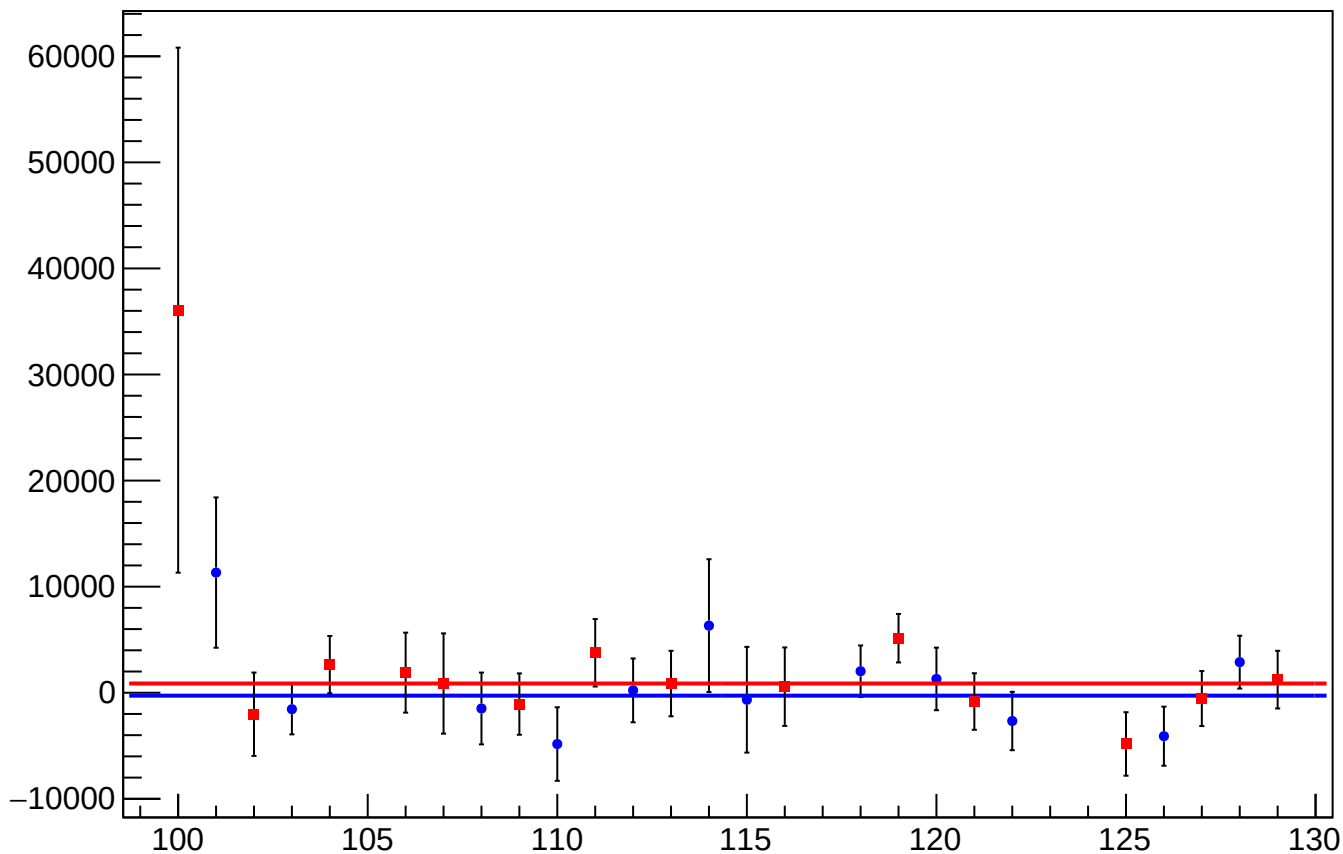
Right: 1608.534+/-0.363 χ^2/NDF : 1286911.5/25

In: 1599.089+/-0.526 χ^2/NDF :660867.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1608.534+/-0.363 χ^2/NDF : 1286911.5/25

dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -275.300+/-894.113 χ^2/NDF : 11.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

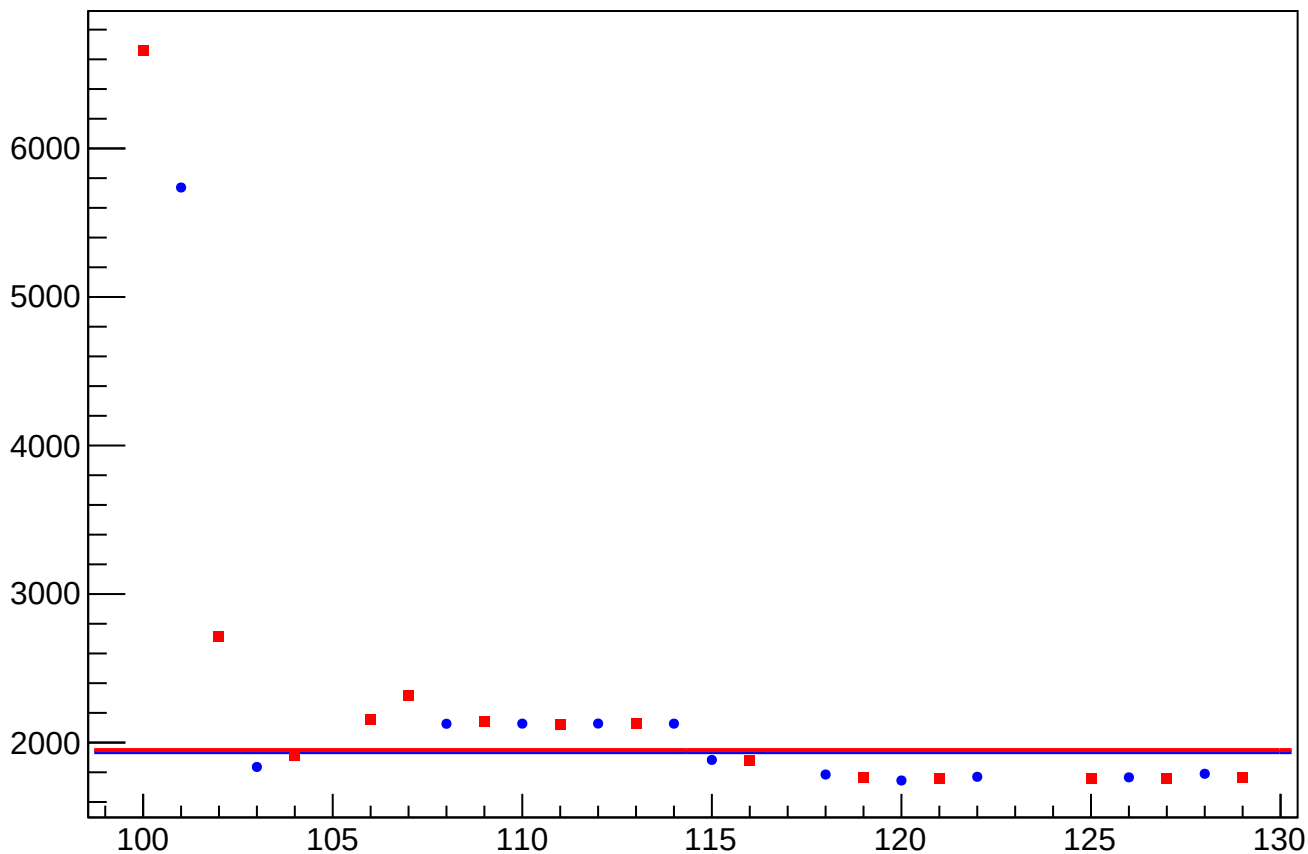
Right: 338.238+/-609.249 χ^2/NDF : 24.5/25

In: -275.300+/-894.113 χ^2/NDF : 11.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 338.238+/-609.249 χ^2/NDF : 24.5/25

dit_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1935.688+/-0.632 χ^2/NDF : 639706.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

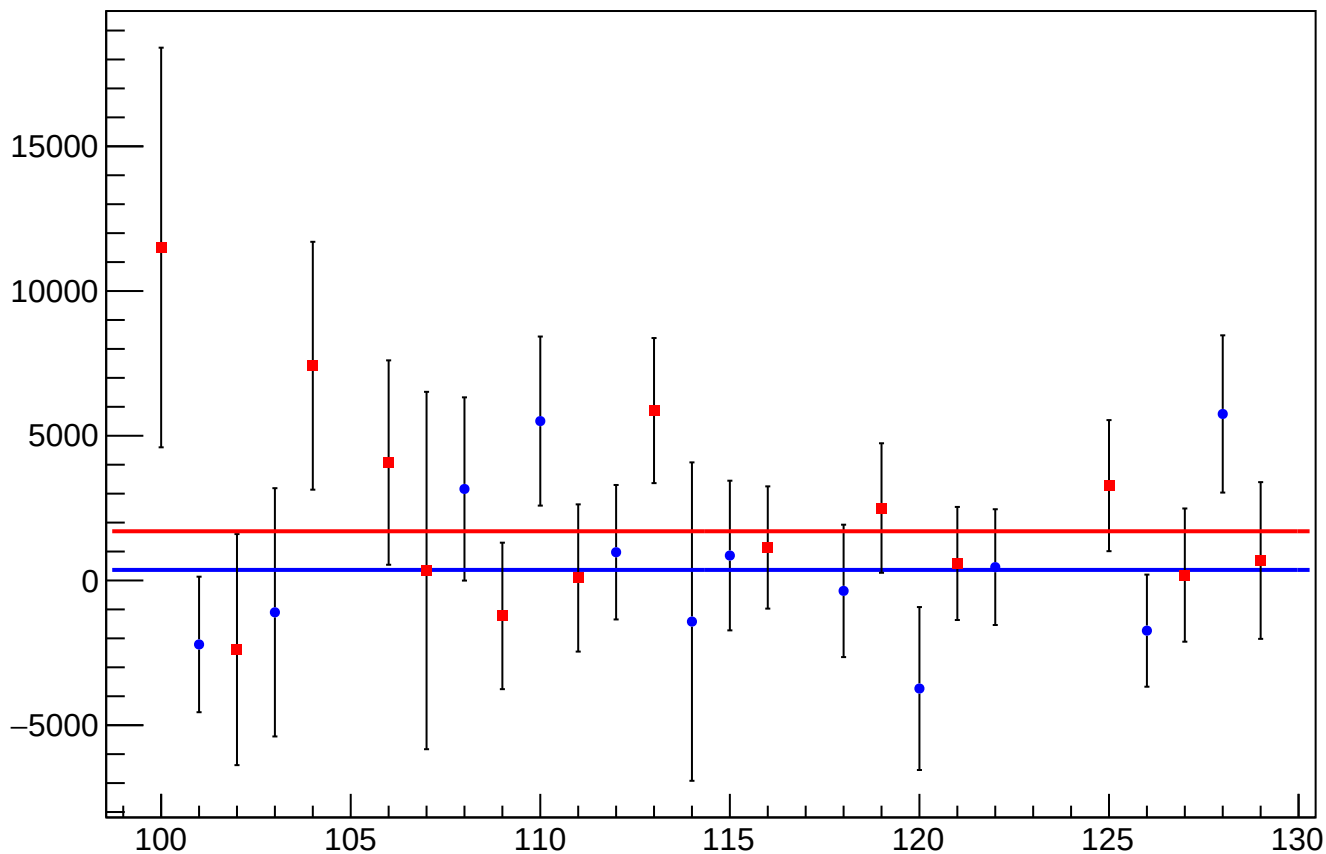
Right: 1943.179+/-0.431 χ^2/NDF : 879726.3/25

In: 1935.688+/-0.632 χ^2/NDF : 639706.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1943.179+/-0.431 χ^2/NDF : 879726.3/25

asym_us_dd_at1lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 364.833+/-747.162 χ^2/NDF : 12.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

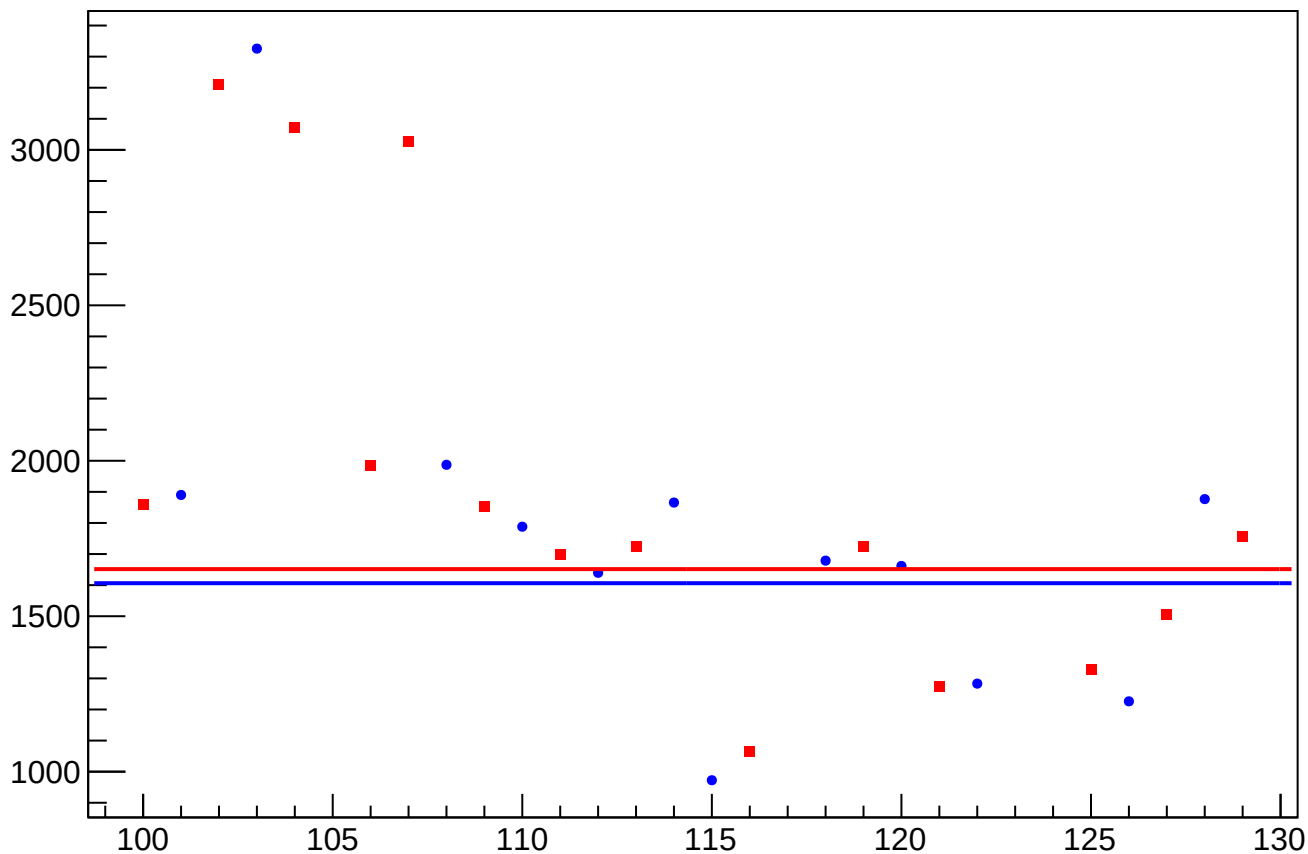
Right: 1055.804+/-519.022 χ^2/NDF : 25.8/25

In: 364.833+/-747.162 χ^2/NDF : 12.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1055.804+/-519.022 χ^2/NDF : 25.8/25

asym_us_dd_at1lr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1606.211+/-0.528 χ^2/NDF : 664378.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

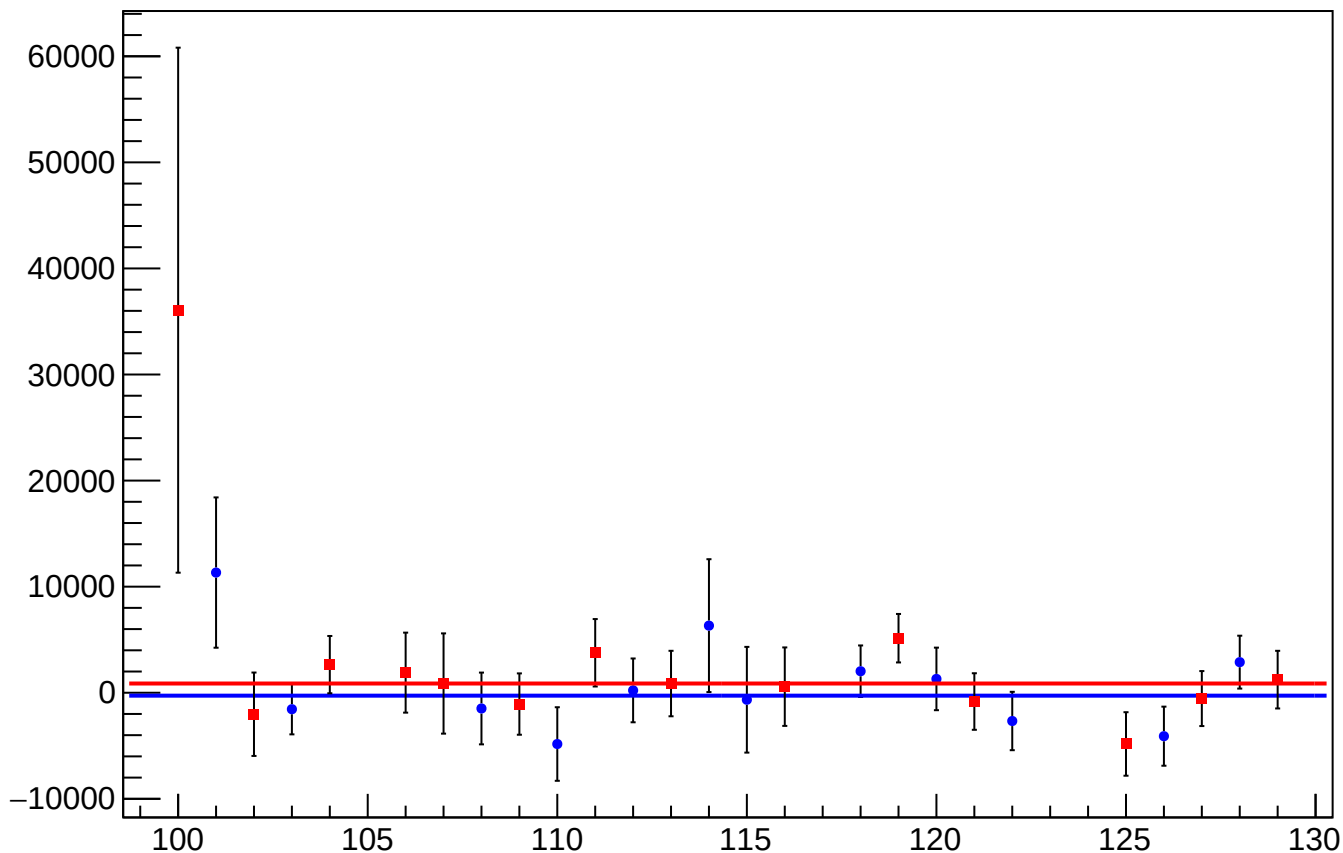
Right: 1629.649+/-0.367 χ^2/NDF : 1609625.7/25

In: 1606.211+/-0.528 χ^2/NDF : 664378.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1629.649+/-0.367 χ^2/NDF : 1609625.7/25

eigen_dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -275.301+/-894.113 χ^2/NDF : 11.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

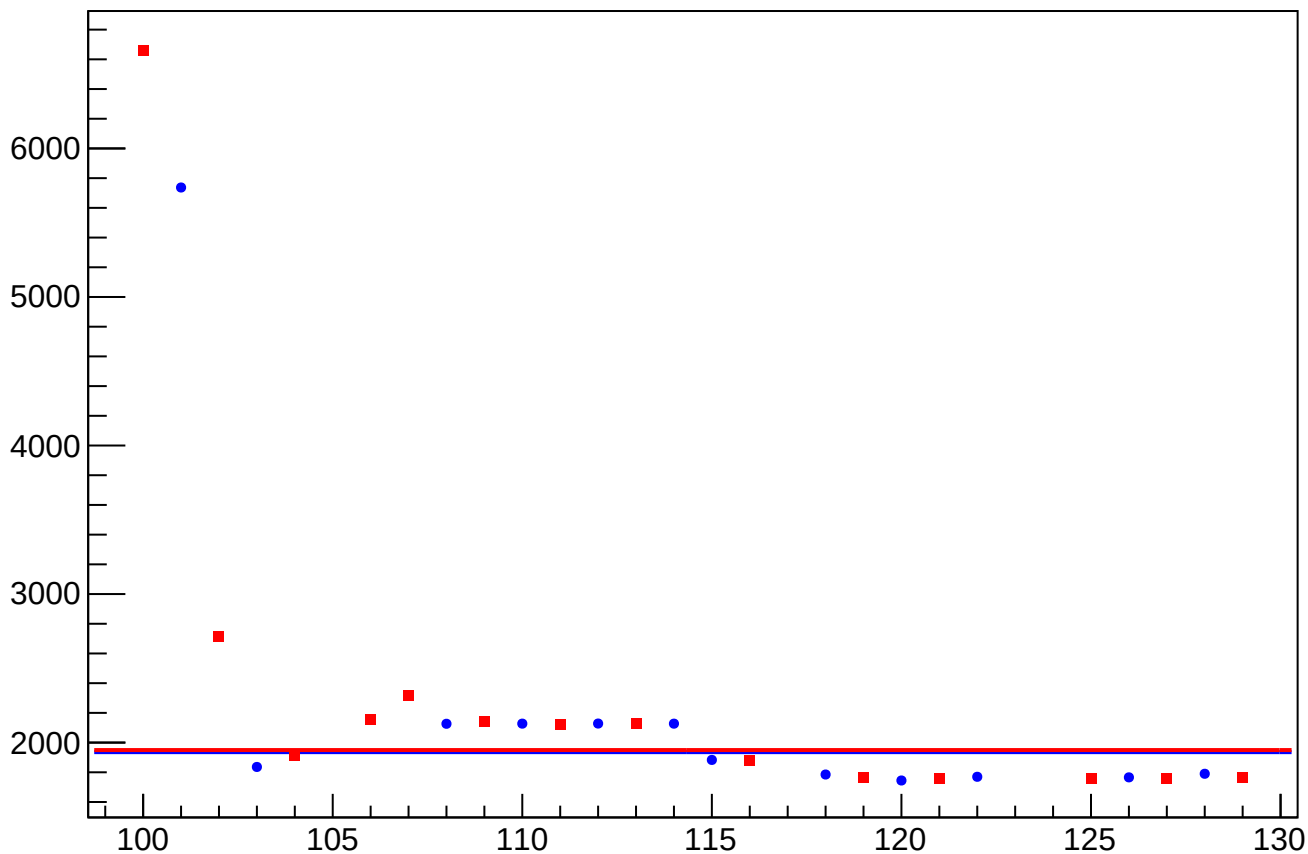
Right: 338.237+/-609.249 χ^2/NDF : 24.5/25

In: -275.301+/-894.113 χ^2/NDF : 11.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 338.237+/-609.249 χ^2/NDF : 24.5/25

eigen_dit_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1935.688+/-0.632 χ^2/NDF : 639706.1/11

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

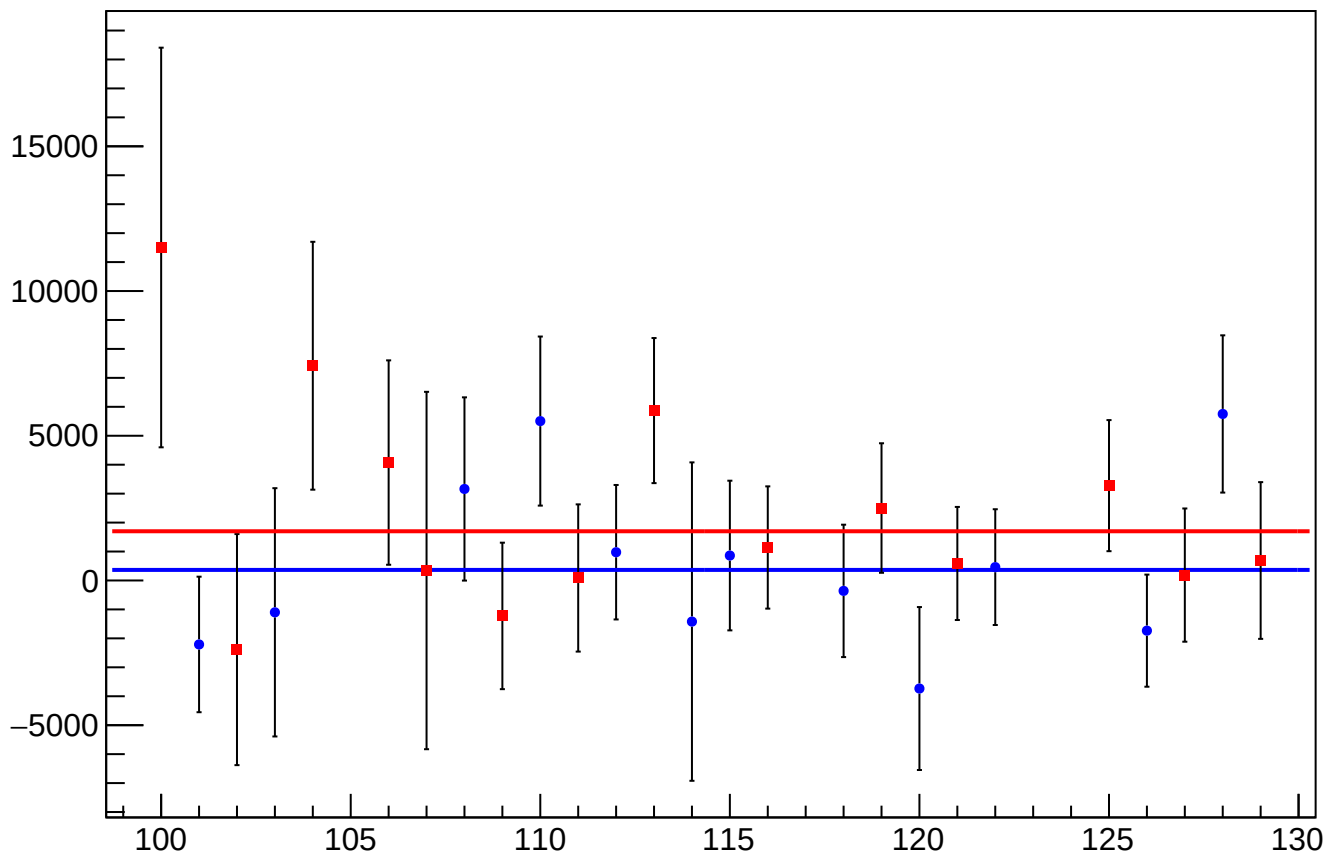
Right: 1943.179+/-0.431 χ^2/NDF : 879726.2/25

In: 1935.688+/-0.632 χ^2/NDF : 639706.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1943.179+/-0.431 χ^2/NDF : 879726.2/25

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 364.834+/-747.160 χ^2/NDF : 12.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

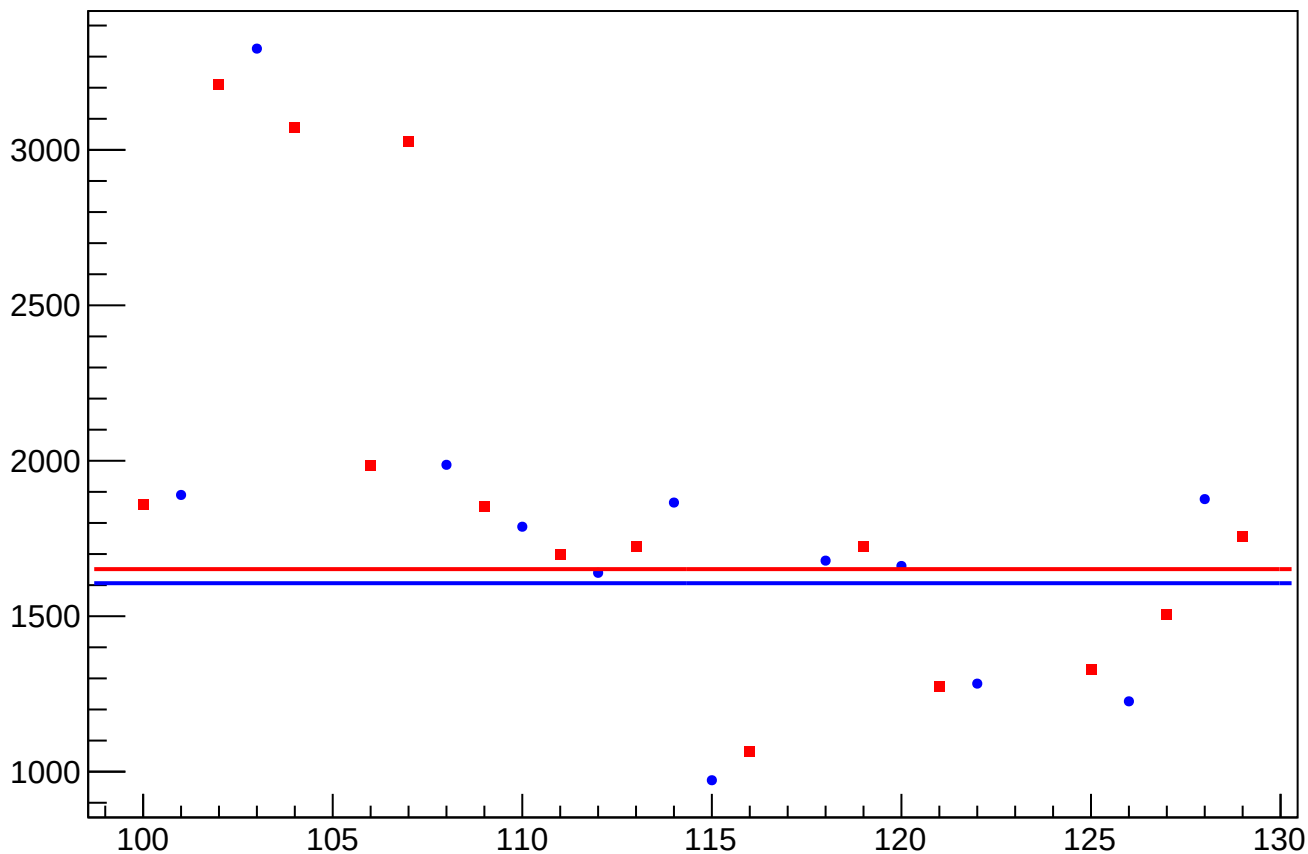
Right: 1055.802+/-519.021 χ^2/NDF : 25.8/25

In: 364.834+/-747.160 χ^2/NDF :12.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1055.802+/-519.021 χ^2/NDF : 25.8/25

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1606.207+/-0.528 χ^2/NDF : 664380.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

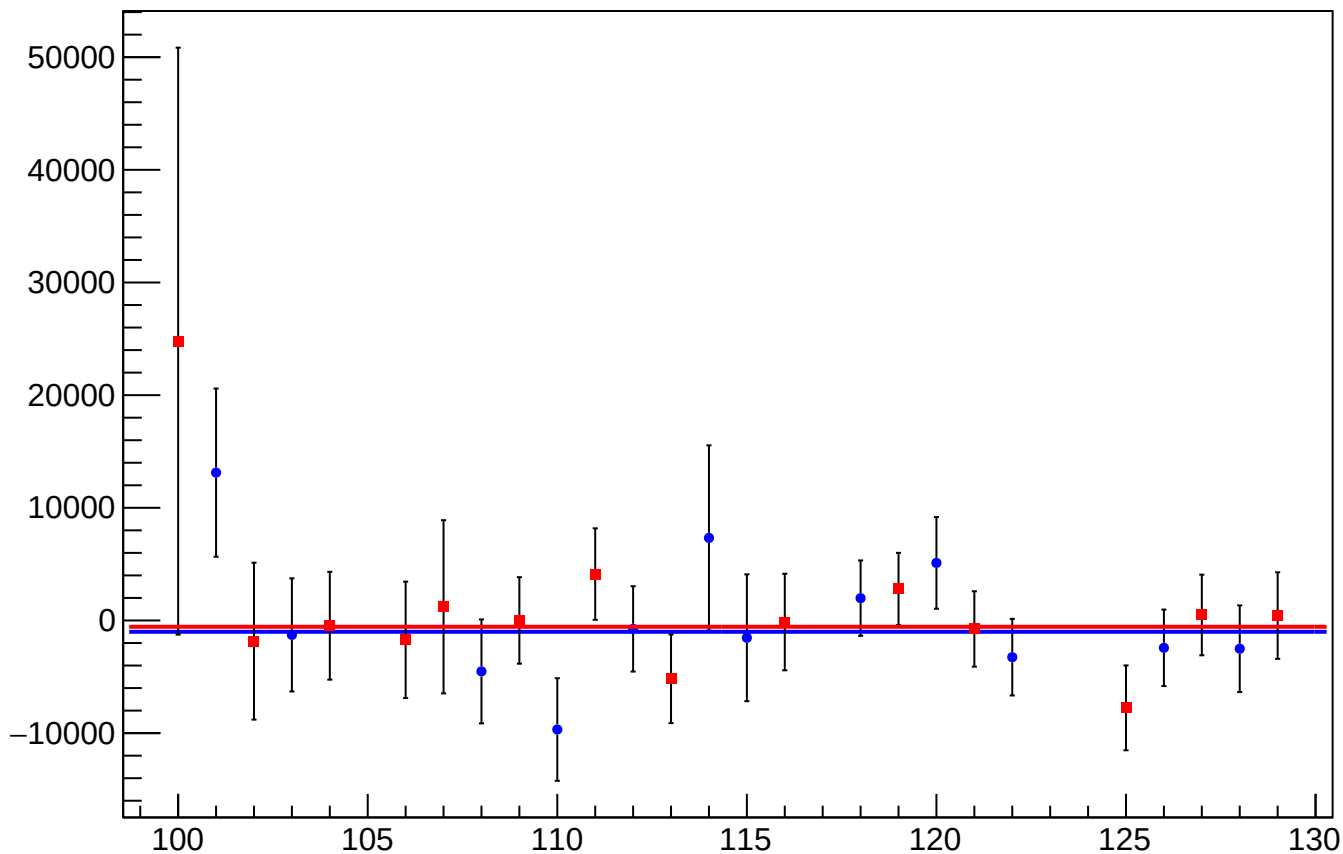
Right: 1629.645+/-0.367 χ^2/NDF : 1609632.0/25

In: 1606.207+/-0.528 χ^2/NDF : 664380.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1629.645+/-0.367 χ^2/NDF : 1609632.0/25

asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -1003.941+/-1231.505 χ^2/NDF : 12.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -559.062+/-1138.955 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

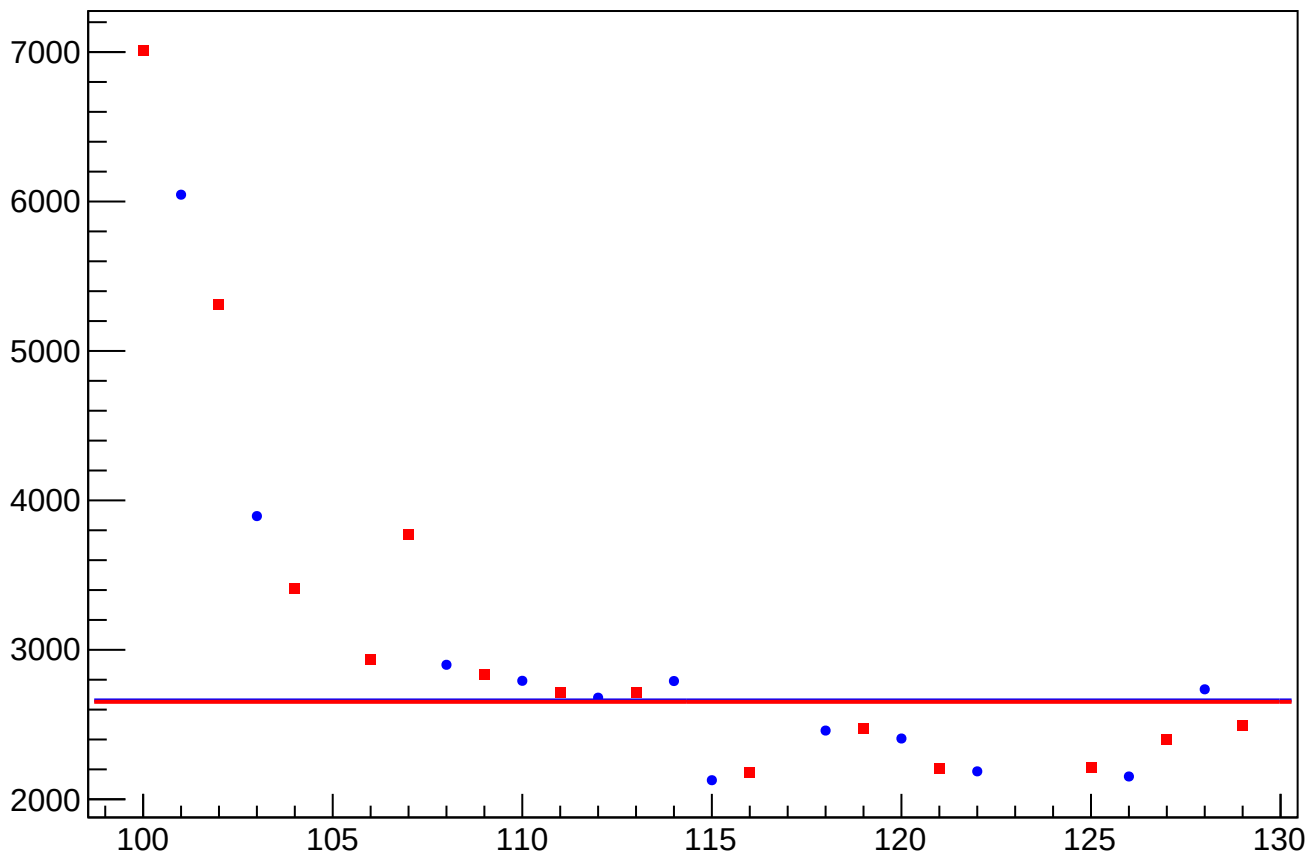
Right: -764.159+/-836.170 χ^2/NDF : 21.5/25

In: -1003.941+/-1231.505 χ^2/NDF : 12.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -764.159+/-836.170 χ^2/NDF : 21.5/25

asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2661.321+/-0.871 χ^2/NDF : 657045.6/11

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

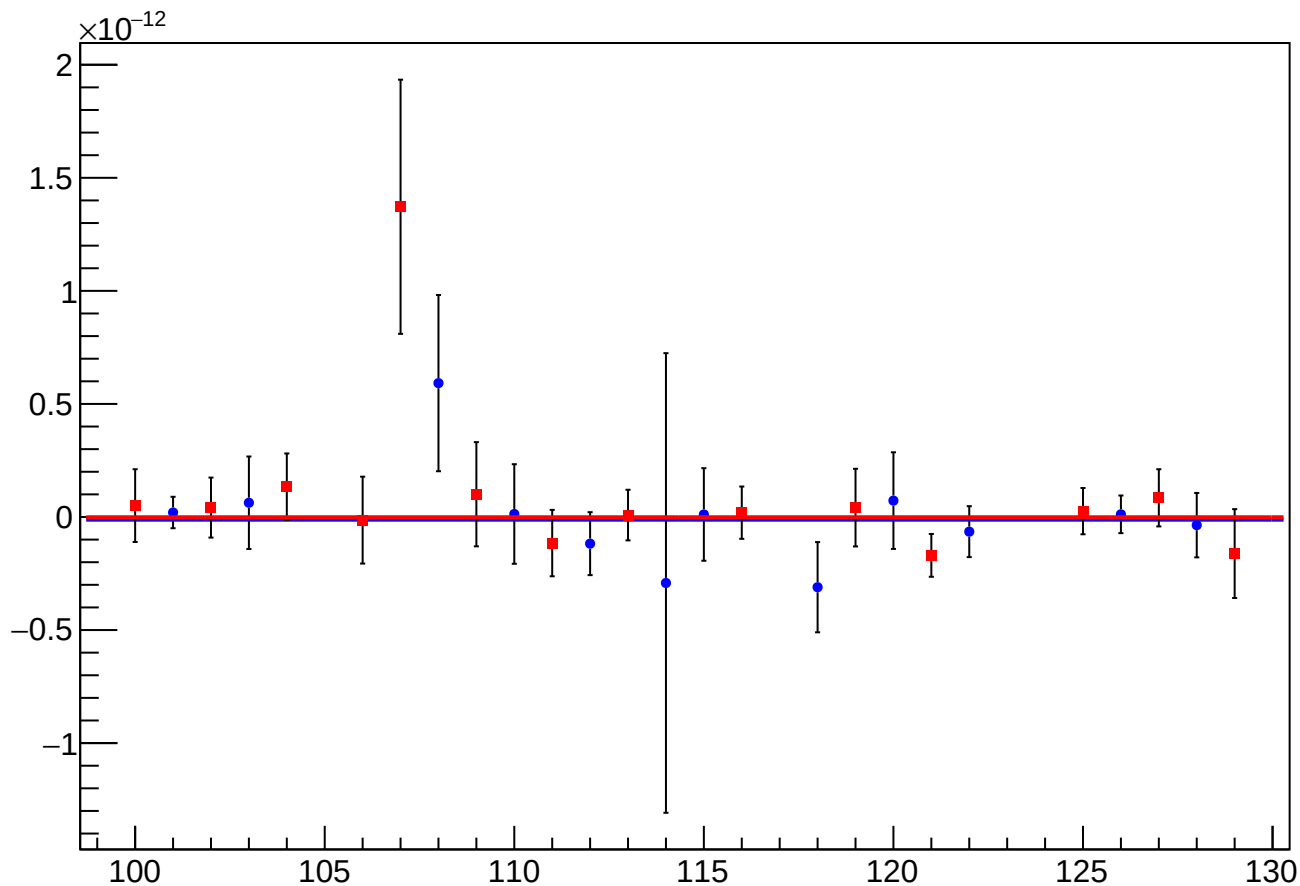
Right: 2656.358+/-0.591 χ^2/NDF : 1215518.5/25

In: 2661.321+/-0.871 χ^2/NDF : 657045.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2656.358+/-0.591 χ^2/NDF : 1215518.5/25

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 6.2/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 12.3/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

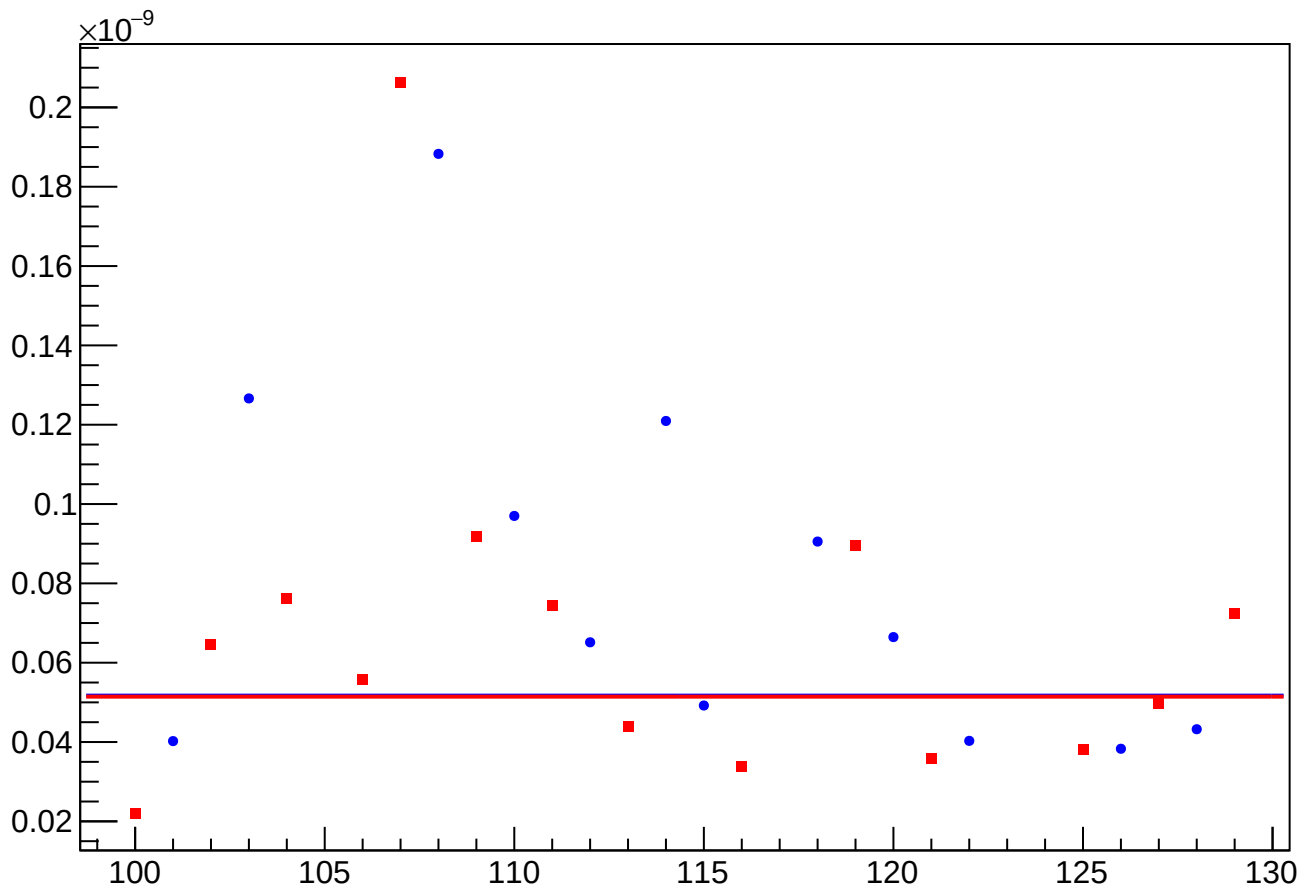
Right: -0.000+/-0.000 χ^2 /NDF: 18.5/25

In: -0.000+/-0.000 χ^2 /NDF:6.2/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 18.5/25

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 846177.2/11

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

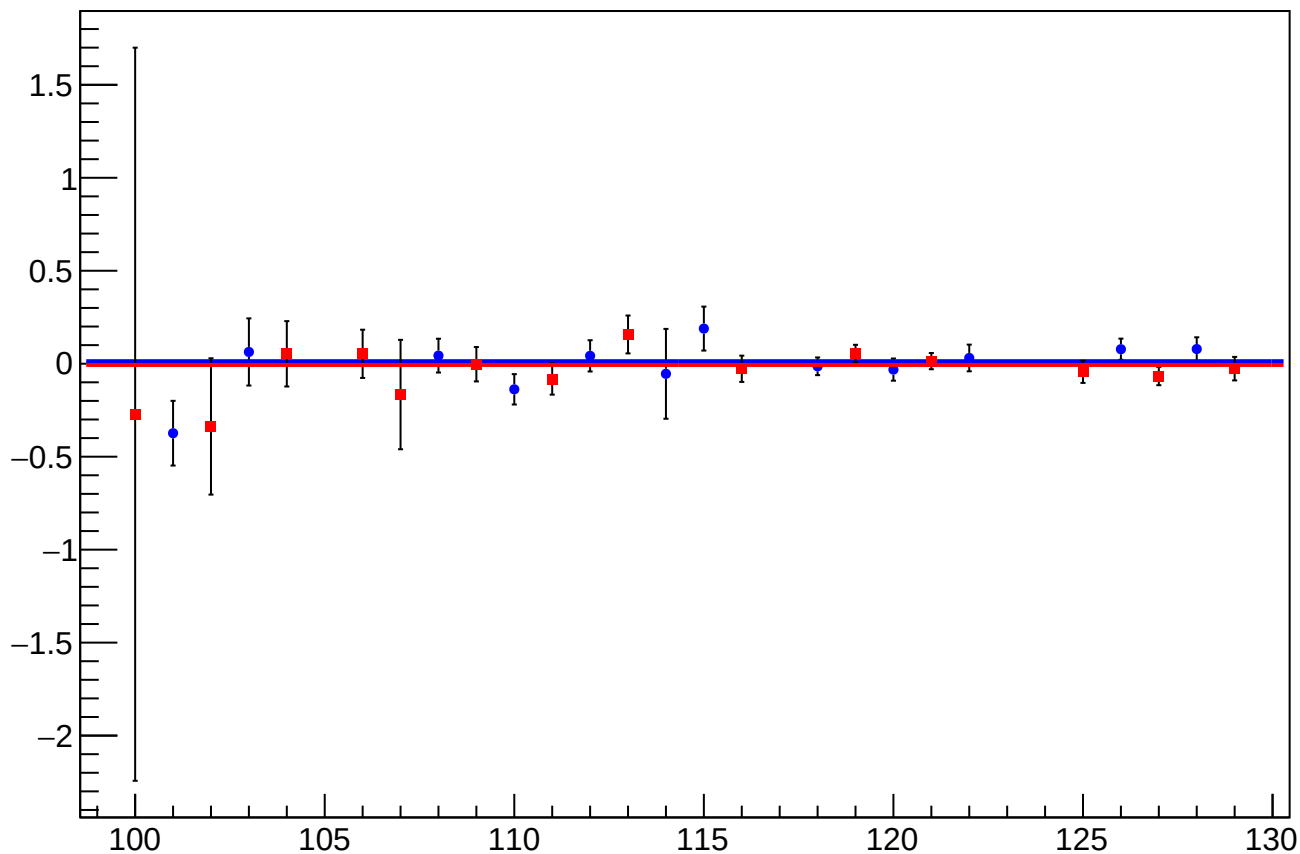
Right: 0.000+/-0.000 χ^2/NDF : 1516888.7/25

In: 0.000+/-0.000 χ^2/NDF :846177.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1516888.7/25

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.022 χ^2/NDF : 14.3/11

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

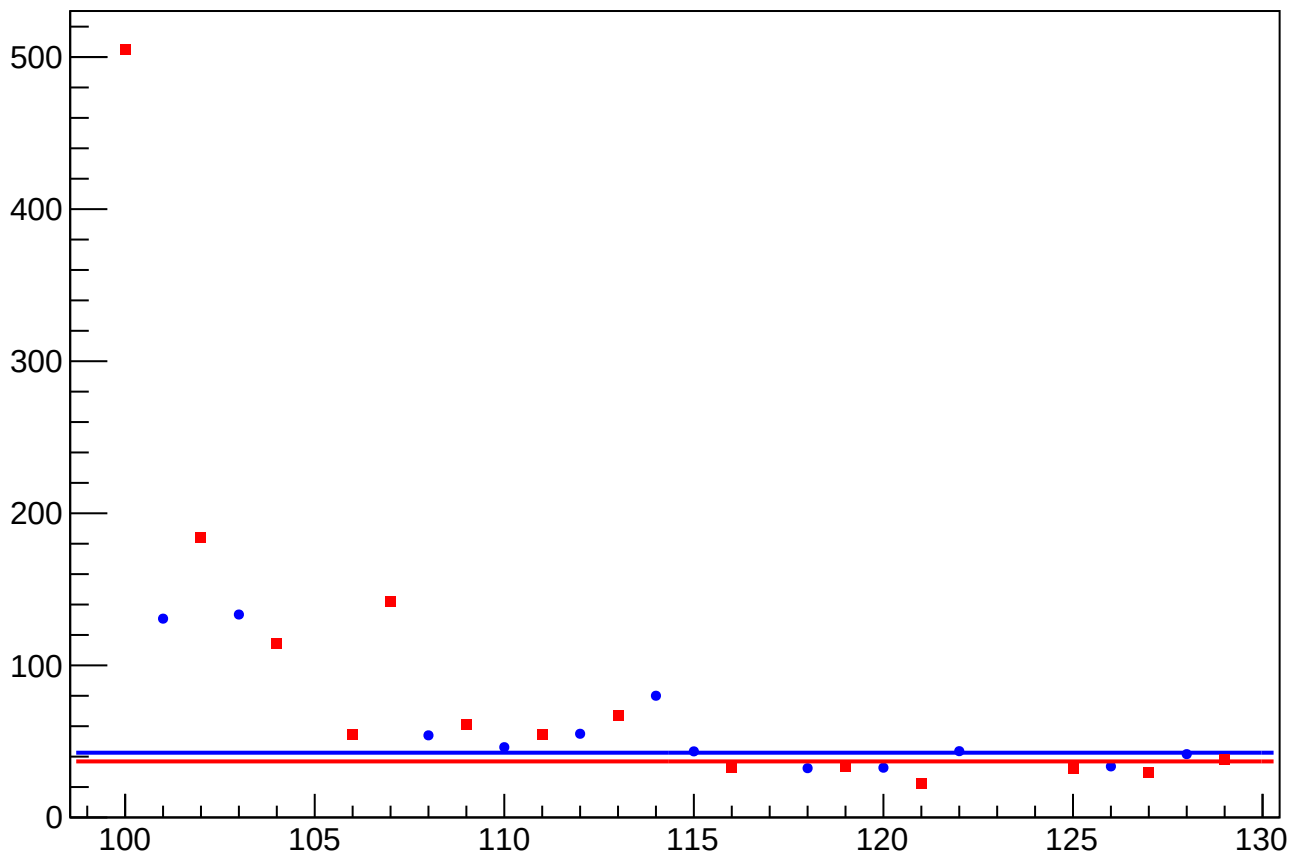
Right: 0.002+/-0.015 χ^2/NDF : 23.6/25

In: 0.014+/-0.022 χ^2/NDF : 14.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.015 χ^2/NDF : 23.6/25

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.579+/-0.016 χ^2/NDF : 1343632.2/11

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

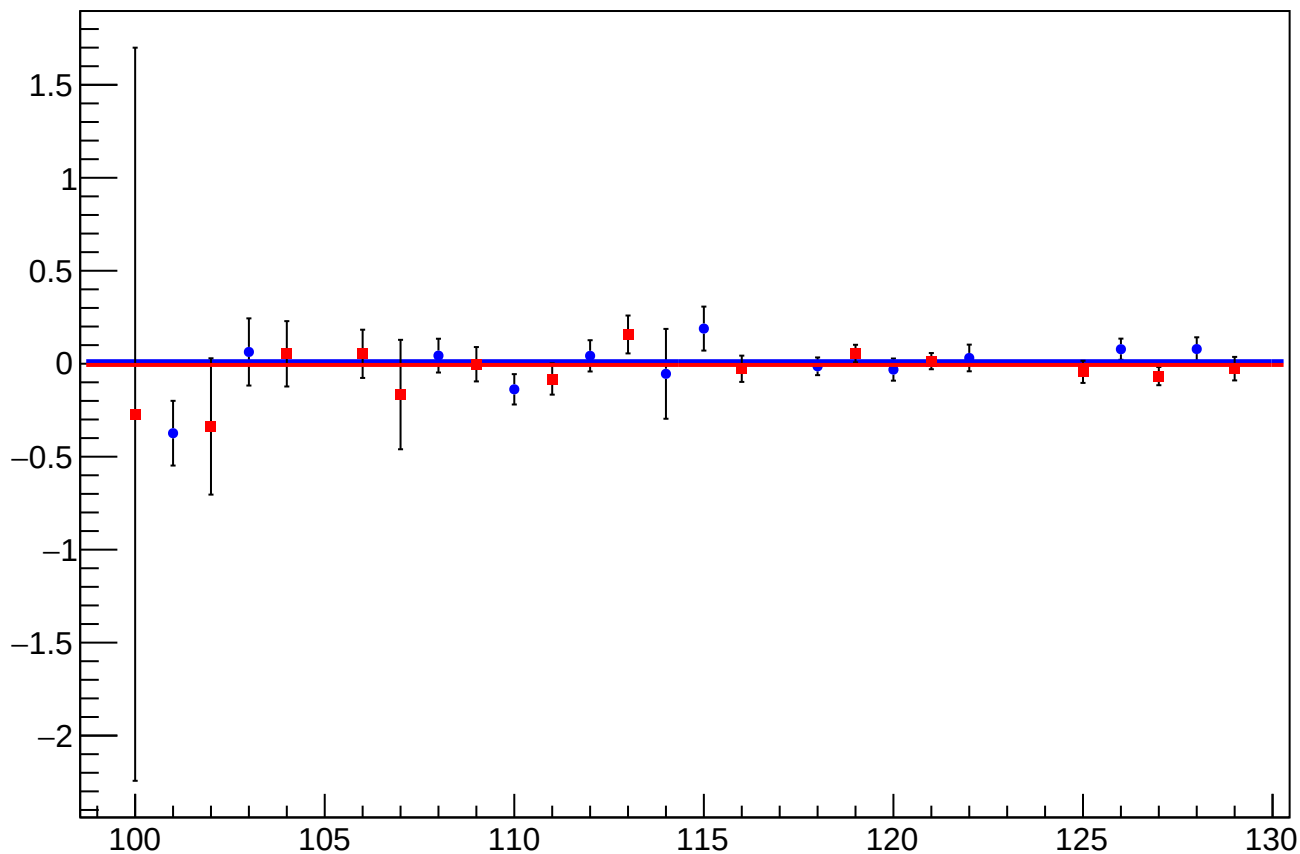
Right: 39.373+/-0.010 χ^2/NDF : 3246969.4/25

In: 42.579+/-0.016 χ^2/NDF : 1343632.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.373+/-0.010 χ^2/NDF : 3246969.4/25

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.022 χ^2 /NDF: 14.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.007 $\pm$ 0.020 χ^2 /NDF: 8.8/13

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

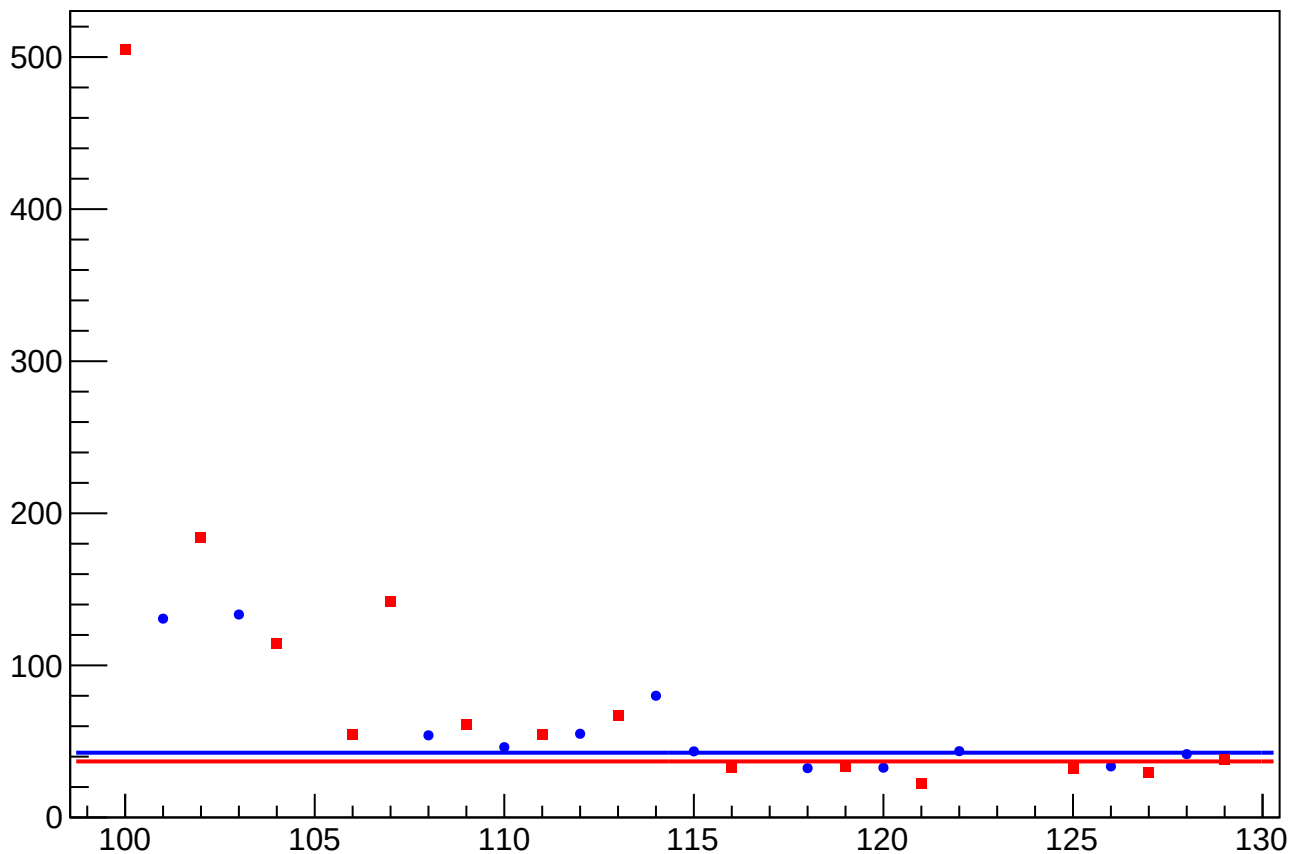
Right: 0.002 $\pm$ 0.015 χ^2 /NDF: 23.6/25

In: 0.014 $\pm$ 0.022 χ^2 /NDF:14.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.015 χ^2 /NDF: 23.6/25

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.579+/-0.016 χ^2/NDF : 1343632.2/11

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

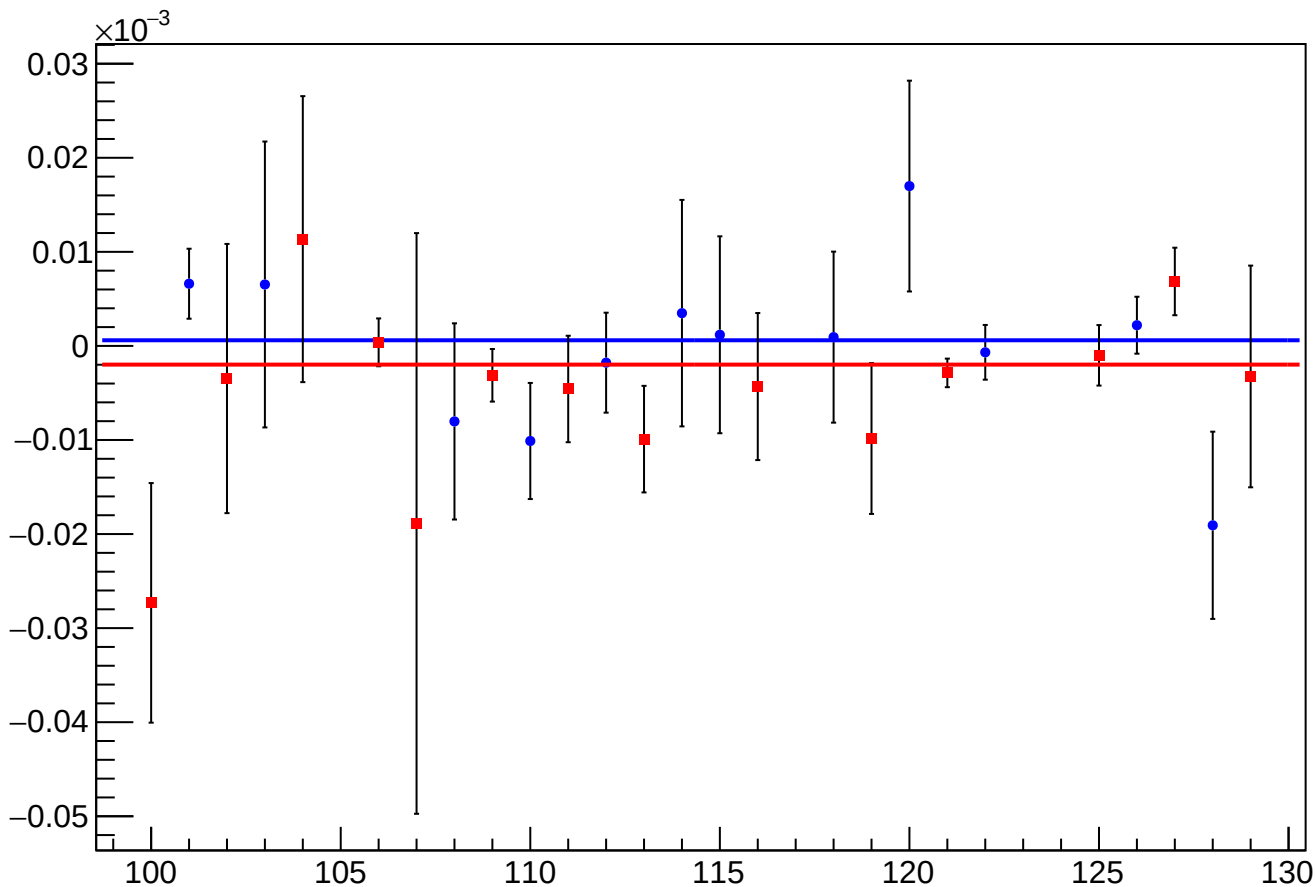
Right: 39.373+/-0.010 χ^2/NDF : 3246969.4/25

In: 42.579+/-0.016 χ^2/NDF : 1343632.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.373+/-0.010 χ^2/NDF : 3246969.4/25

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 : 13.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

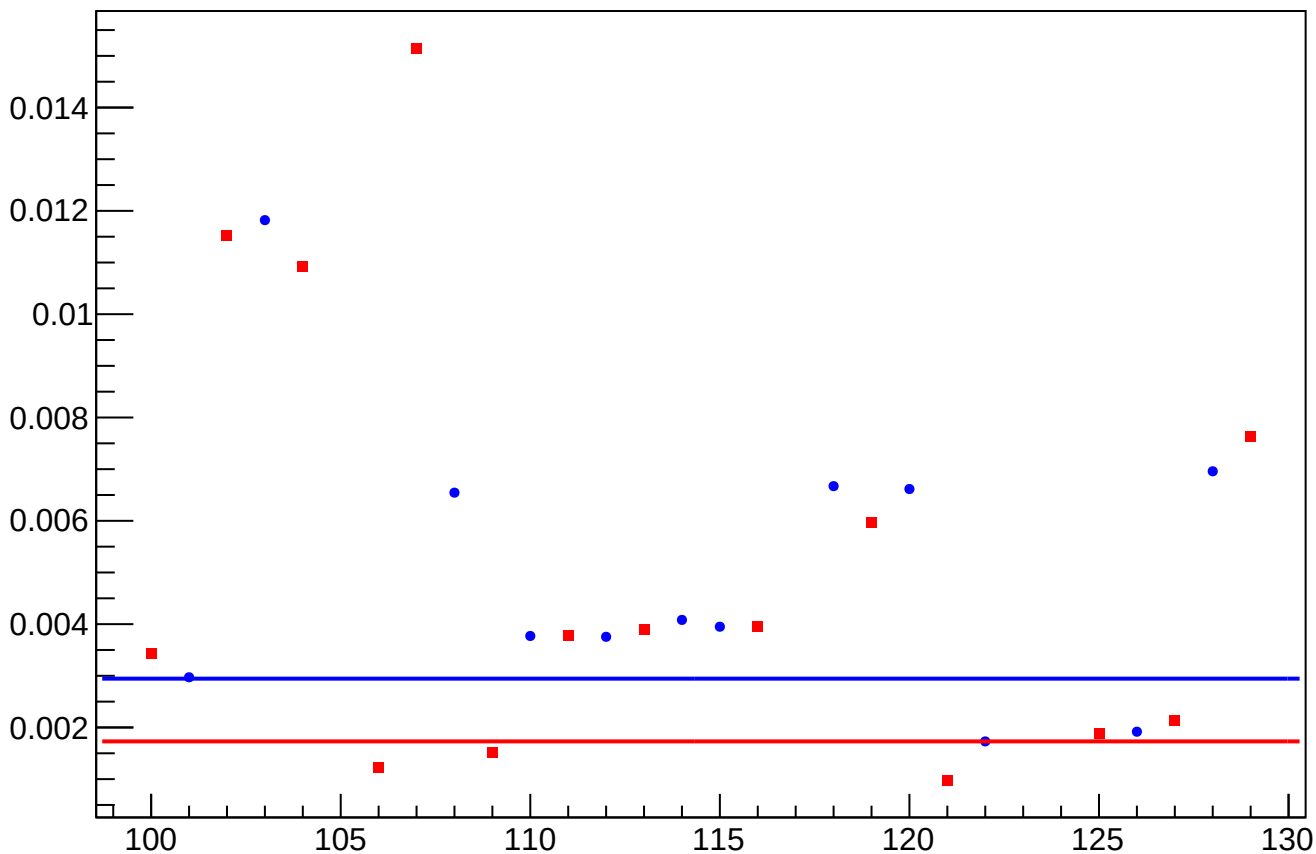
Right: -0.000+/-0.000 χ^2/NDF : 31.0/25

In: 0.000+/-0.000 χ^2/NDF : 13.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.0/25

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 : 2494848.9/11

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

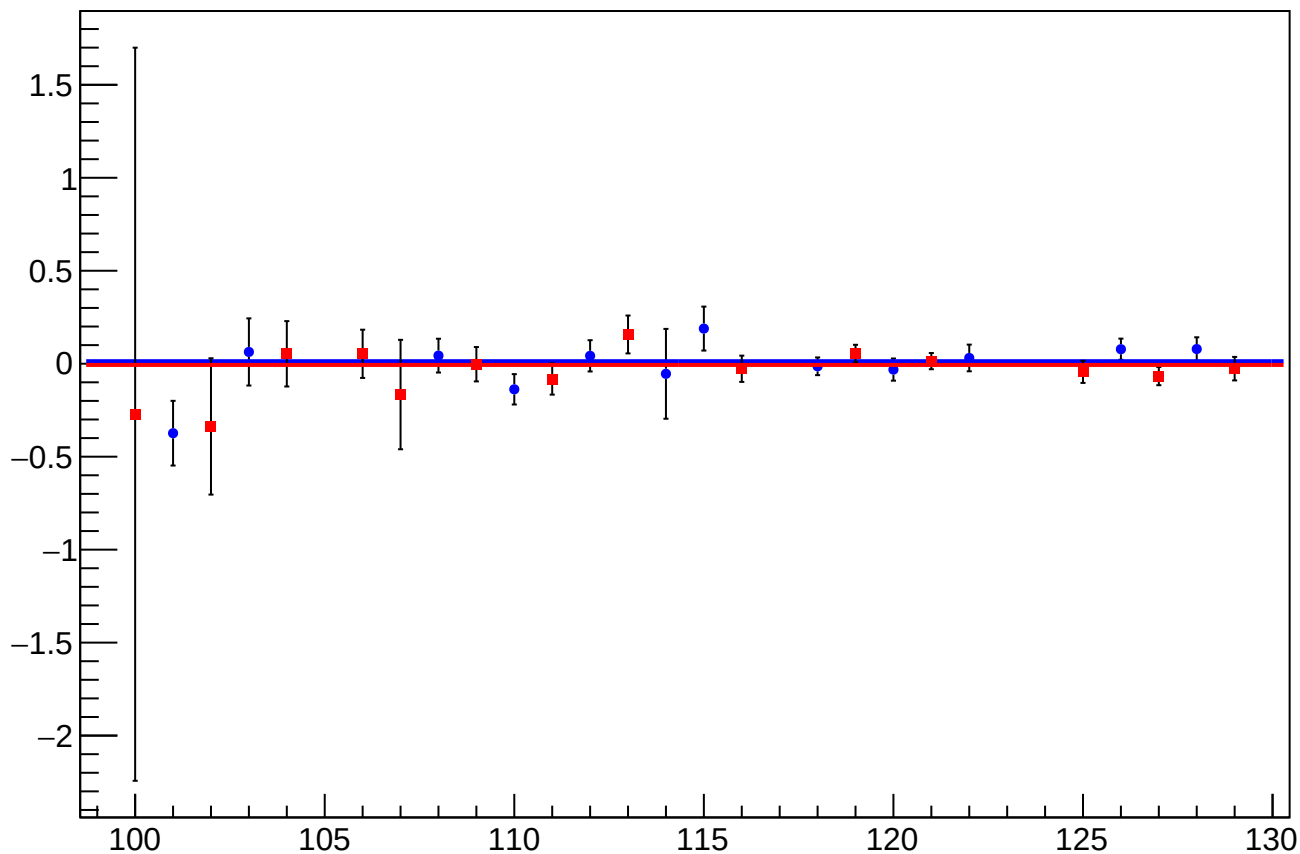
Right: 0.002+/-0.000 χ^2/NDF : 7851829.8/25

In: 0.003+/-0.000 χ^2/NDF :2494848.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 7851829.8/25

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.022 χ^2/NDF : 14.3/11

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

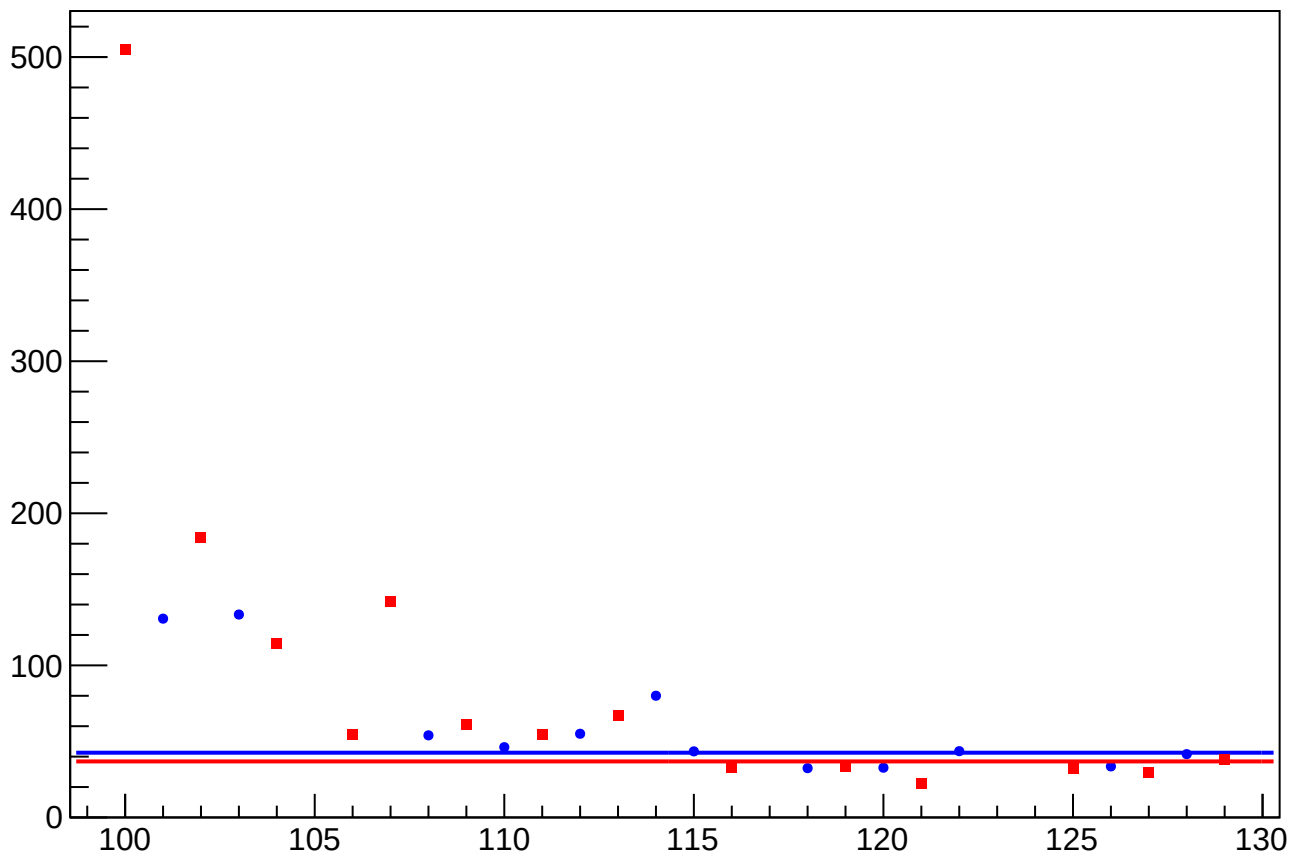
Right: 0.002+/-0.015 χ^2/NDF : 23.6/25

In: 0.014+/-0.022 χ^2/NDF : 14.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.015 χ^2/NDF : 23.6/25

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.579+/-0.016 χ^2/NDF : 1343539.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.845+/-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

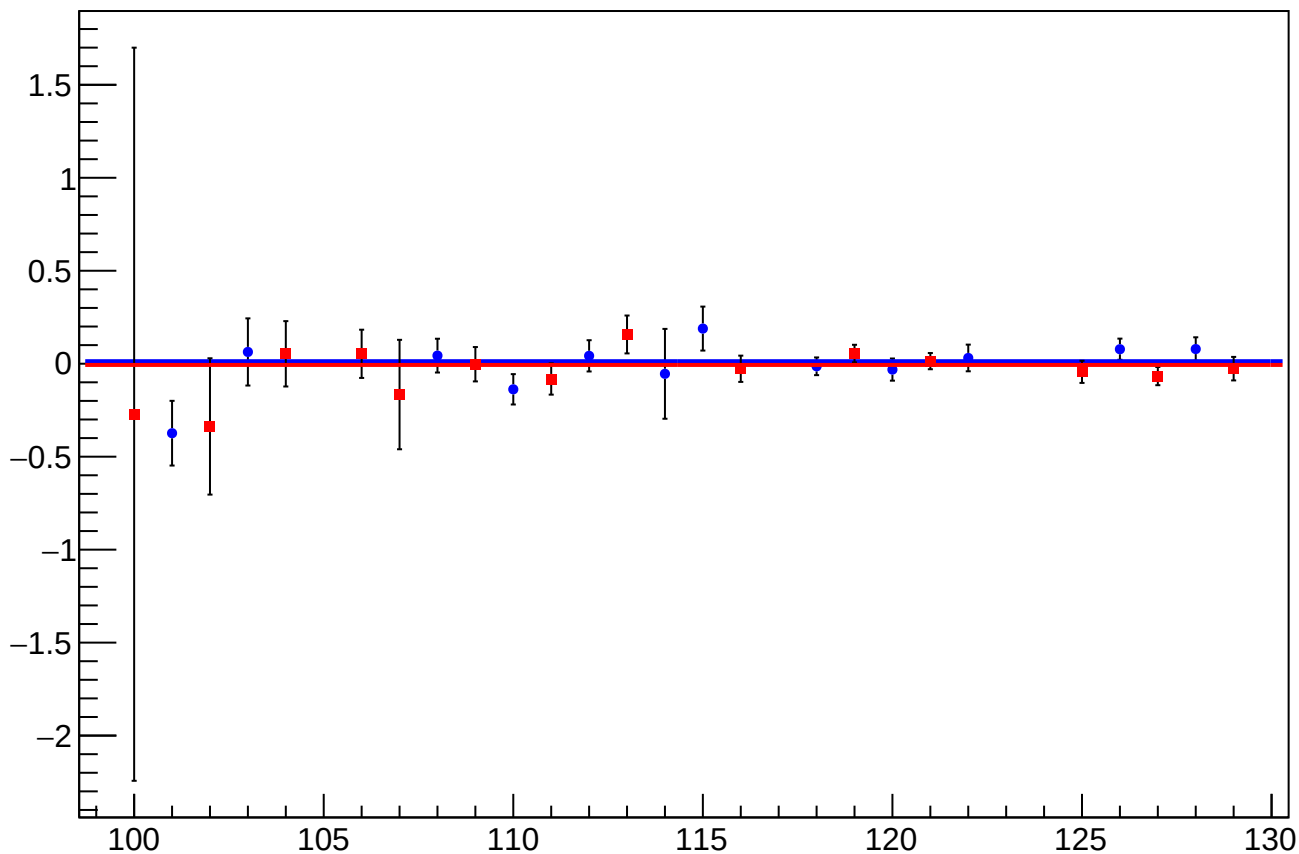
Right: 39.372+/-0.010 χ^2/NDF : 3246921.6/25

In: 42.579+/-0.016 χ^2/NDF : 1343539.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.372+/-0.010 χ^2/NDF : 3246921.6/25

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.022 χ^2 /NDF: 14.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.007 $\pm$ 0.020 χ^2 /NDF: 8.8/13

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

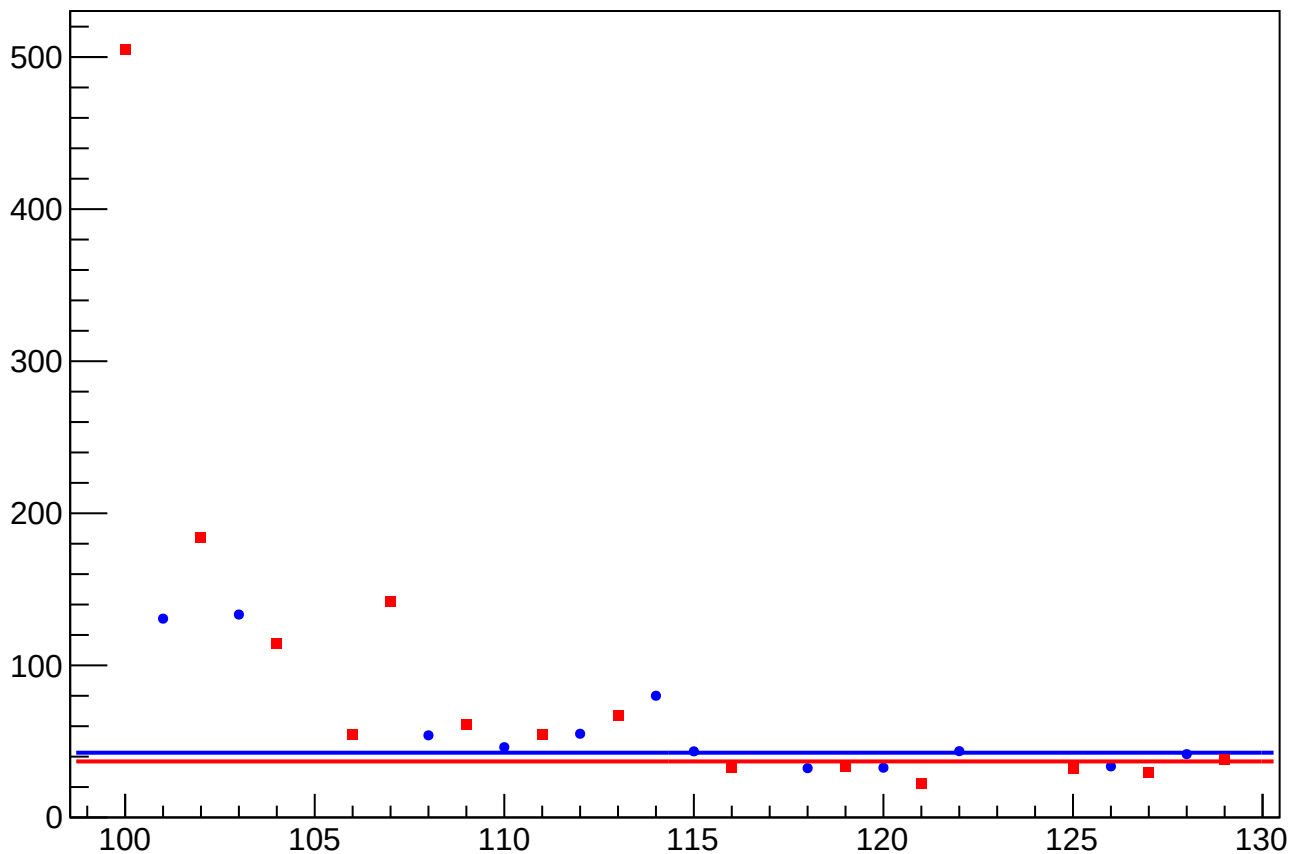
Right: 0.002 $\pm$ 0.015 χ^2 /NDF: 23.6/25

In: 0.014 $\pm$ 0.022 χ^2 /NDF:14.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.015 χ^2 /NDF: 23.6/25

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.579+/-0.016 χ^2/NDF : 1343539.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.845+/-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

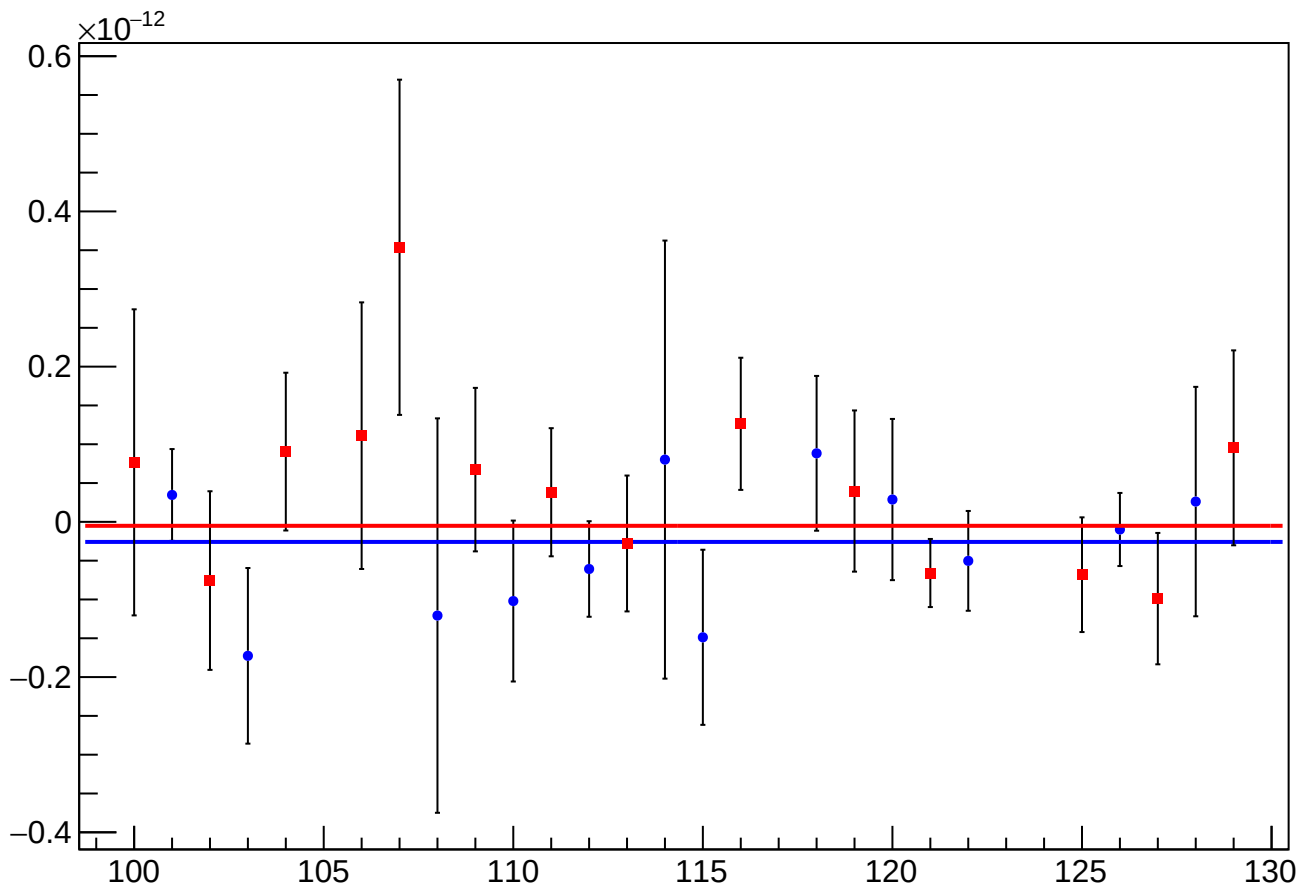
Right: 39.372+/-0.010 χ^2/NDF : 3246921.6/25

In: 42.579+/-0.016 χ^2/NDF : 1343539.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.372+/-0.010 χ^2/NDF : 3246921.6/25

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 : 7.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

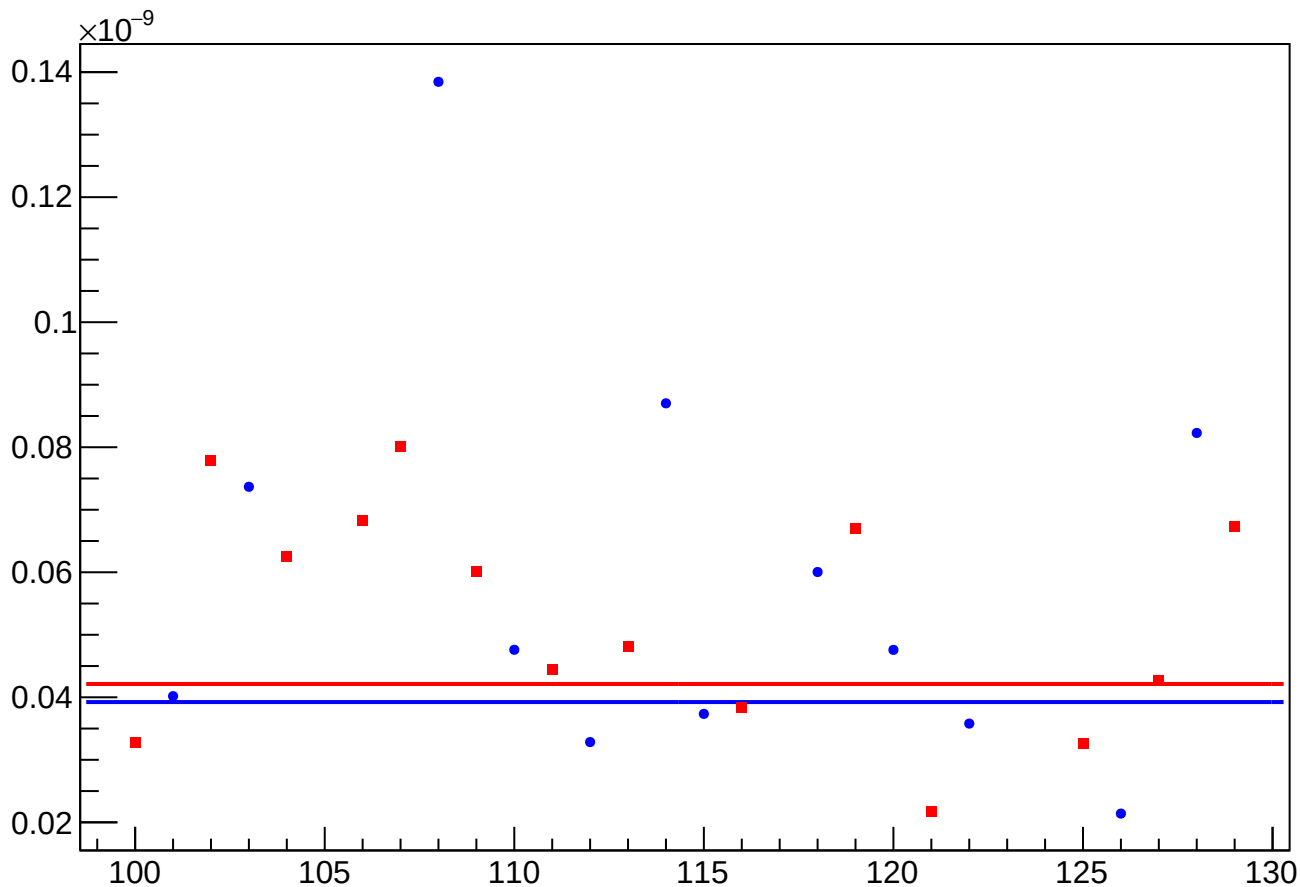
Right: -0.000+/-0.000 χ^2/NDF : 20.0/25

In: -0.000+/-0.000 χ^2/NDF : 7.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.0/25

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 : 1145436.1/11

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

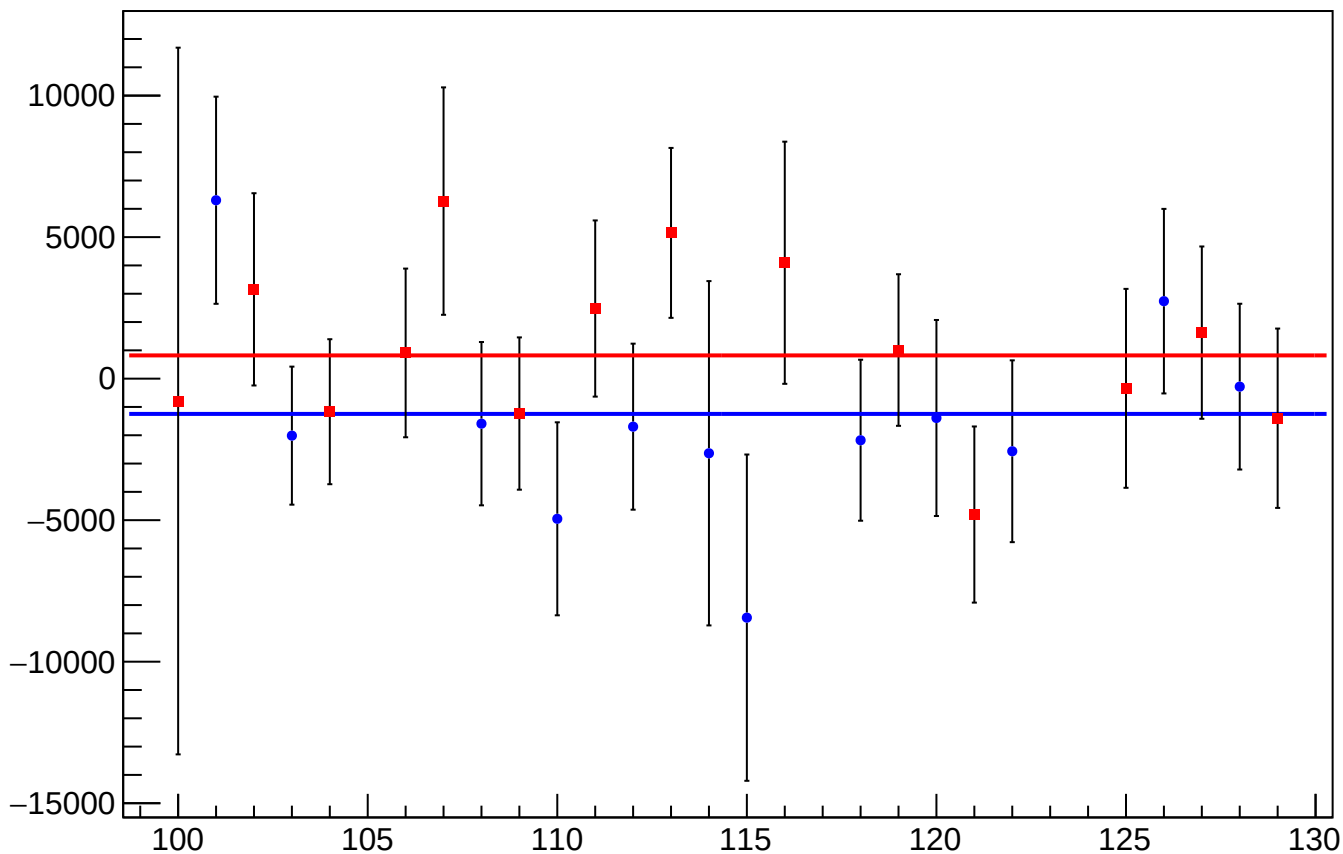
Right: 0.000+/-0.000 χ^2/NDF : 2282534.7/25

In: 0.000+/-0.000 χ^2/NDF : 1145436.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2282534.7/25

reg_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1245.905+/-937.787 χ^2/NDF : 9.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

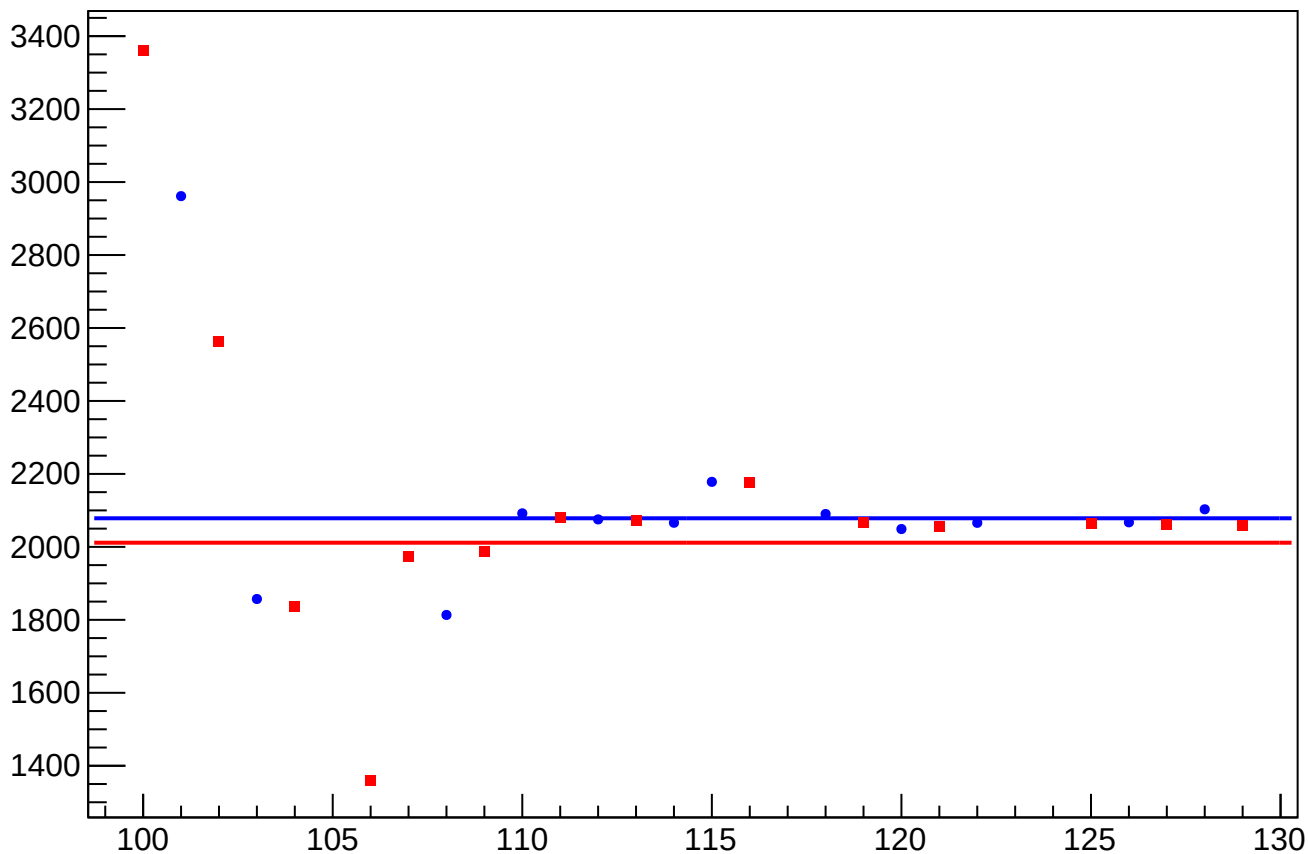
Right: -120.638+/-633.026 χ^2/NDF : 22.1/25

In: -1245.905+/-937.787 χ^2/NDF : 9.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -120.638+/-633.026 χ^2/NDF : 22.1/25

reg_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2078.400+/-0.663 χ^2/NDF : 150815.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

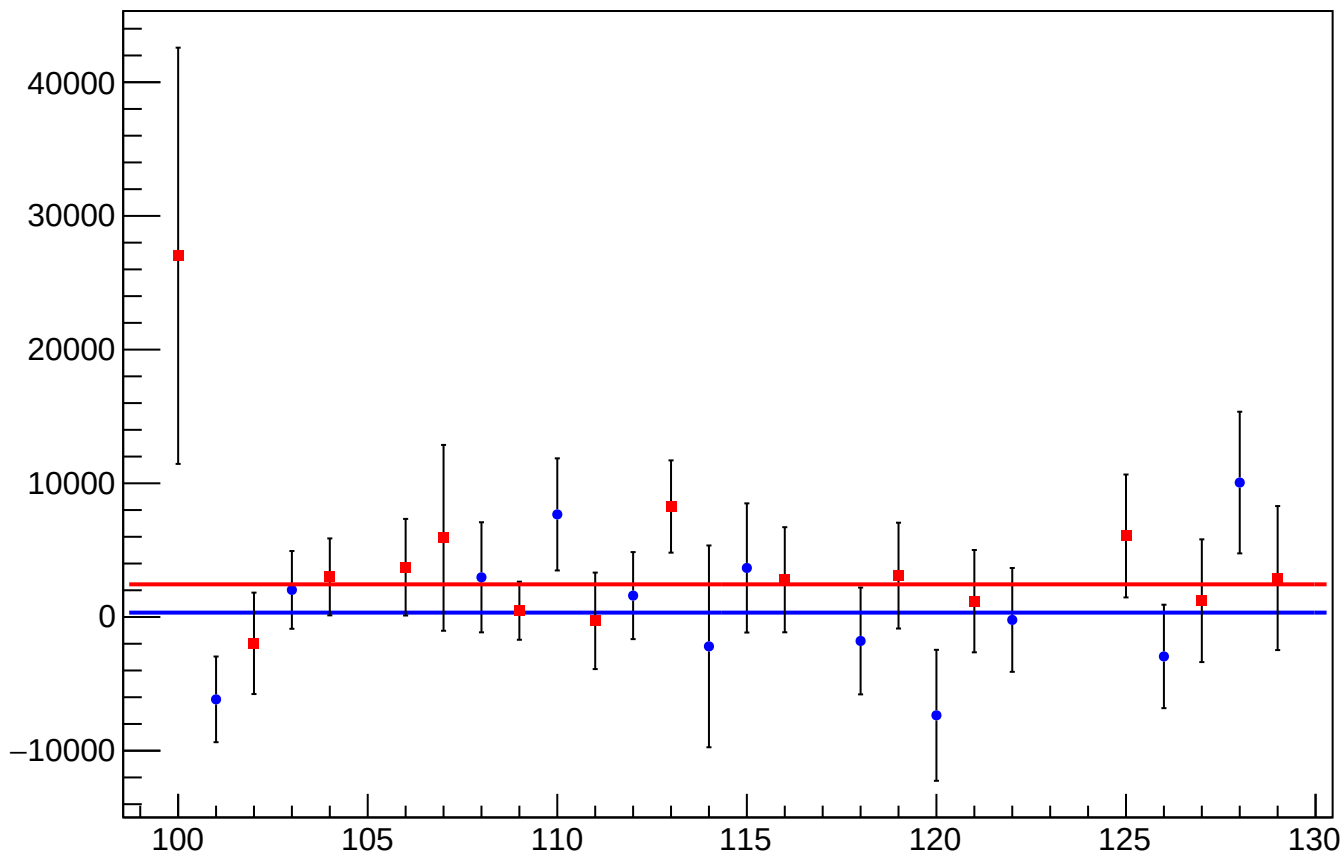
Right: 2041.954+/-0.448 χ^2/NDF : 344780.7/25

In: 2078.400+/-0.663 χ^2/NDF : 150815.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2041.954+/-0.448 χ^2/NDF : 344780.7/25

asym_us_dd_at2lr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 328.234+/-1147.482 χ^2/NDF : 15.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

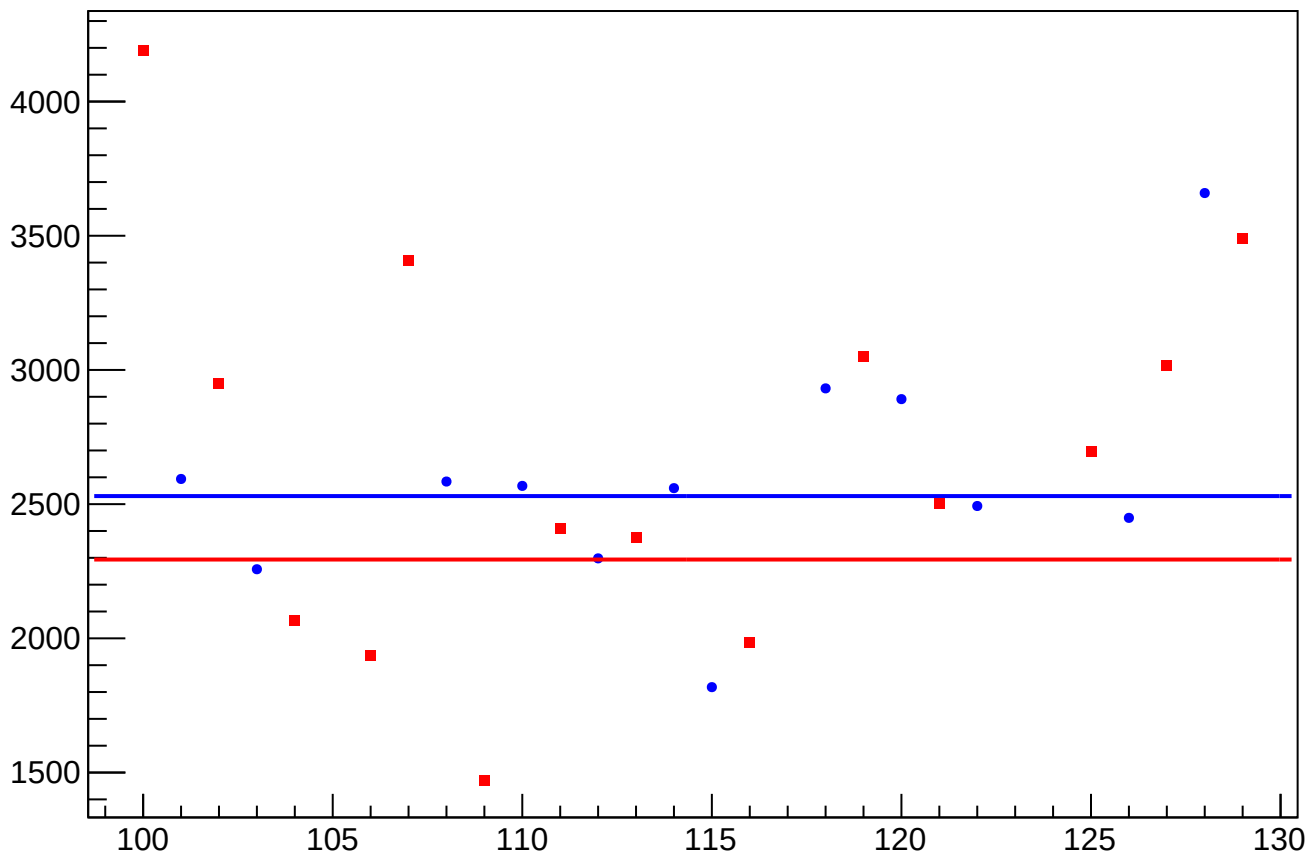
Right: 1525.546+/-755.882 χ^2/NDF : 26.8/25

In: 328.234+/-1147.482 χ^2/NDF : 15.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1525.546+/-755.882 χ^2/NDF : 26.8/25

asym_us_dd_at2lr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2530.065+/-0.811 χ^2/NDF : 195459.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

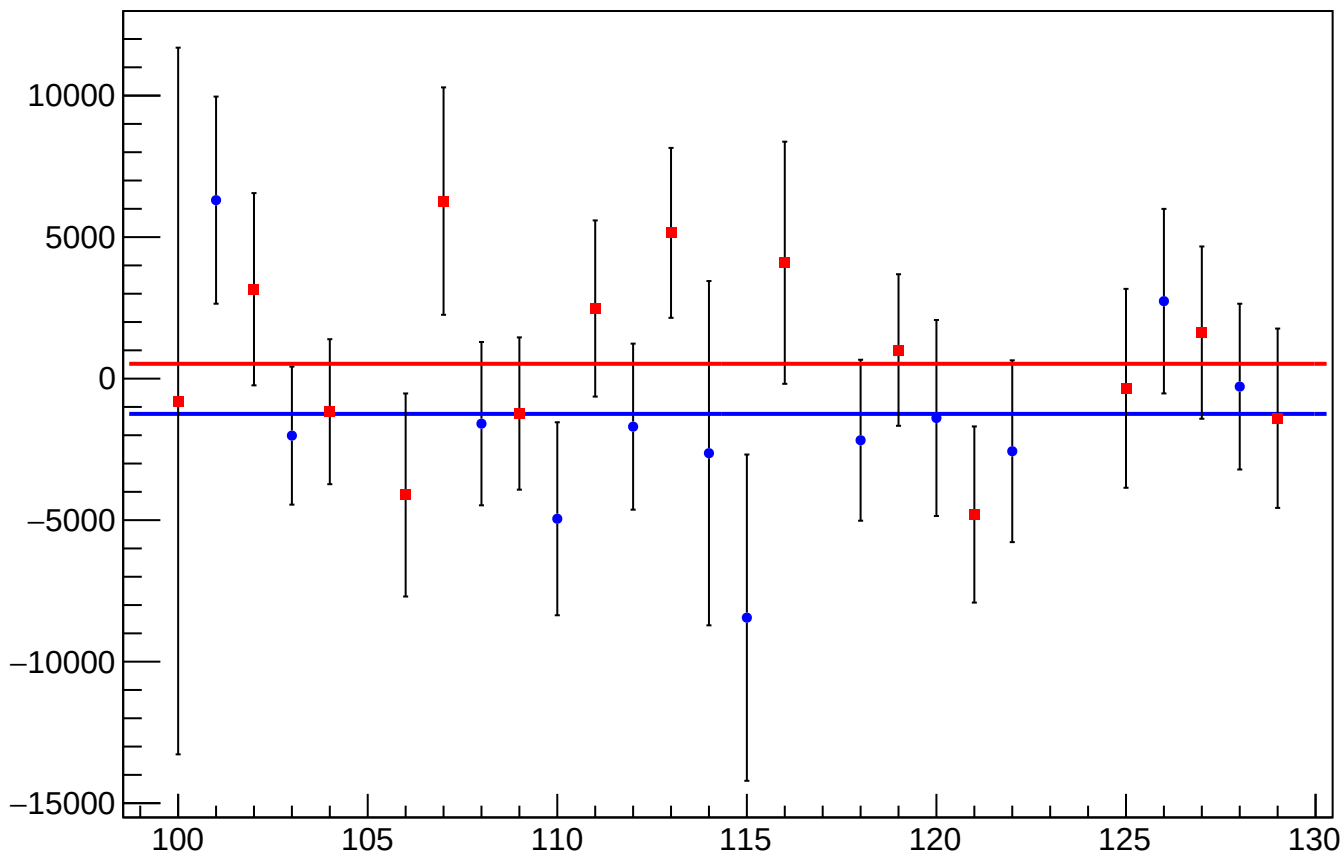
Right: 2396.229+/-0.534 χ^2/NDF : 962071.4/25

In: 2530.065+/-0.811 χ^2/NDF : 195459.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2396.229+/-0.534 χ^2/NDF : 962071.4/25

cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1245.720 $\pm$ 937.788 χ^2 /NDF: 9.1/11

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

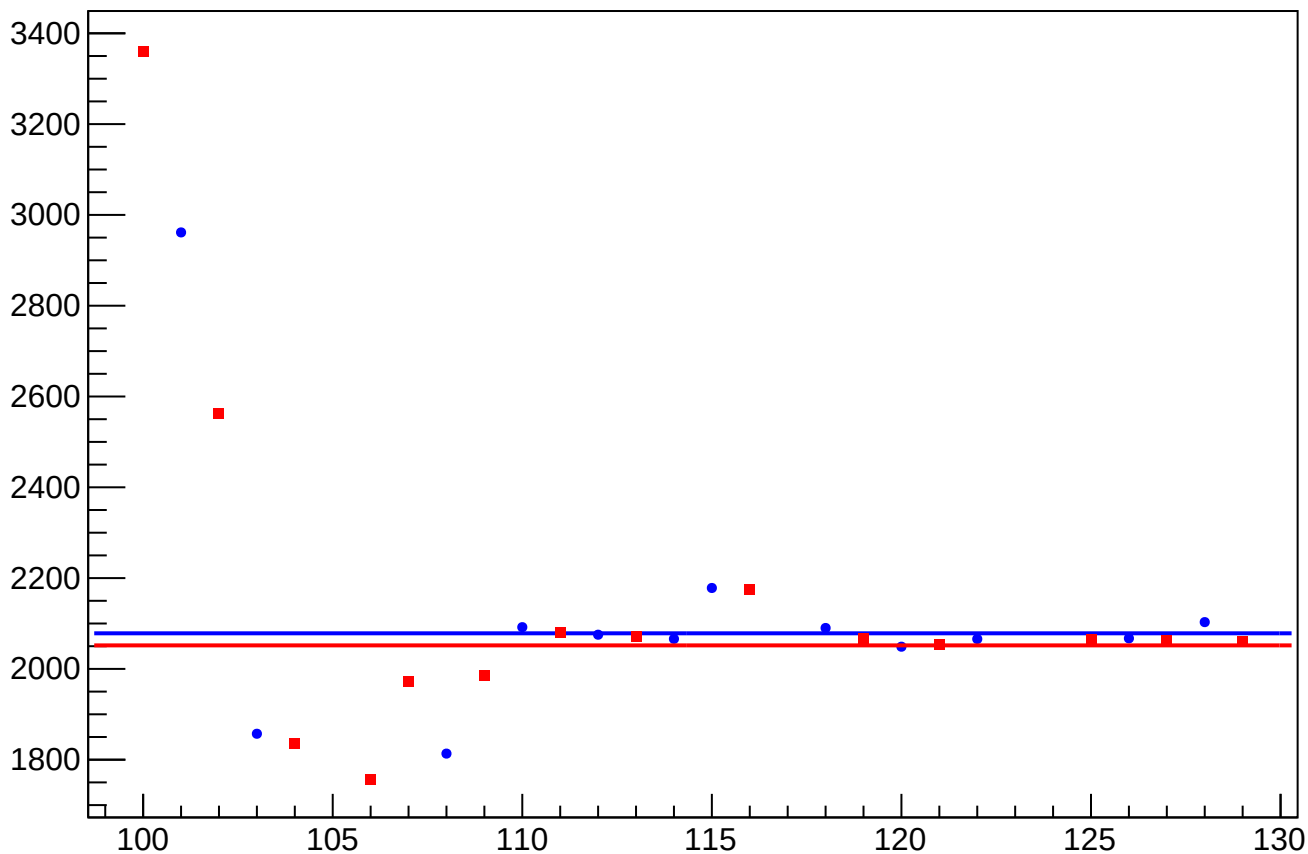
Right: -293.524 $\pm$ 637.500 χ^2 /NDF: 23.2/25

In: -1245.720 $\pm$ 937.788 χ^2 /NDF:9.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -293.524 $\pm$ 637.500 χ^2 /NDF: 23.2/25

cor_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2078.400+/-0.663 χ^2/NDF : 150816.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2051.807+/-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

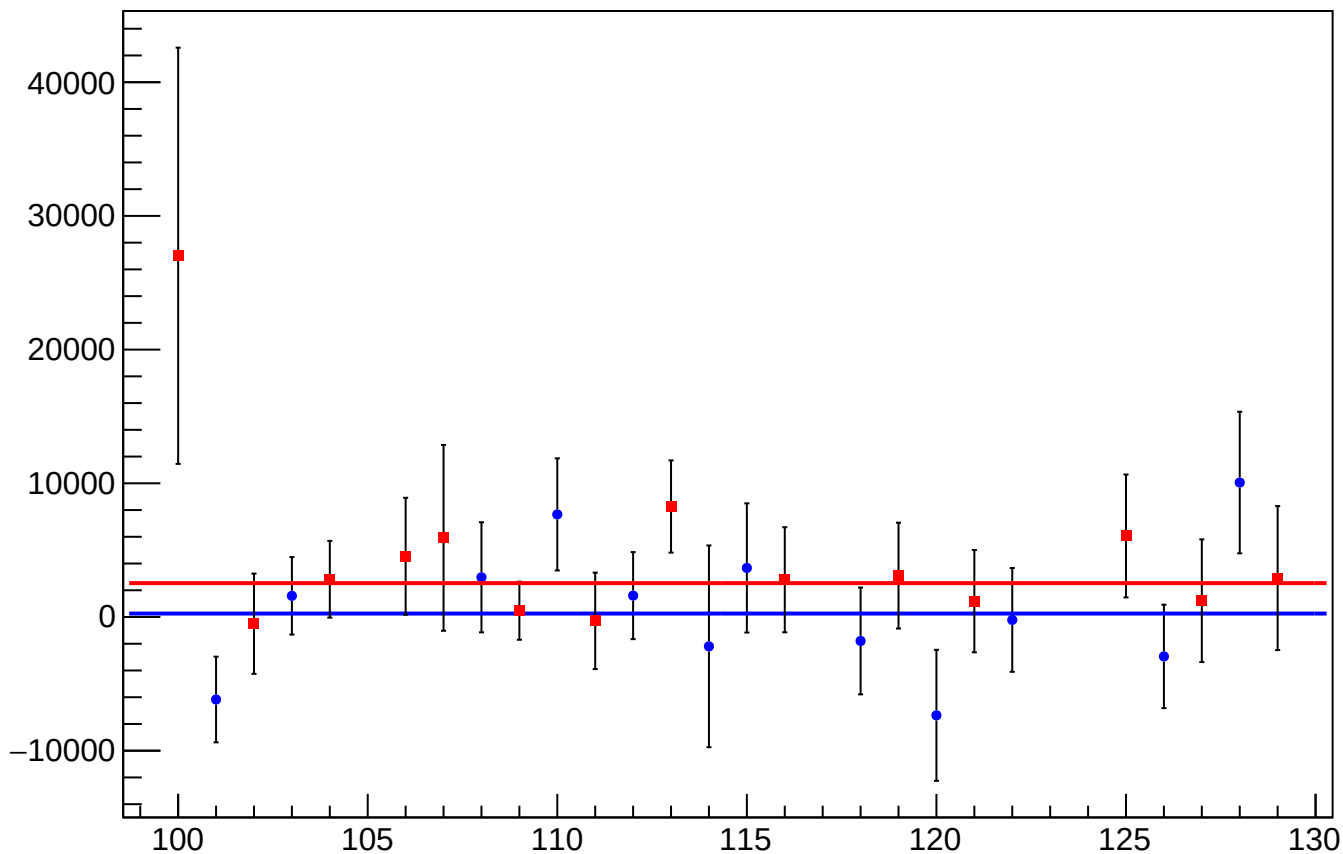
Right: 2064.096+/-0.451 χ^2/NDF : 250597.2/25

In: 2078.400+/-0.663 χ^2/NDF : 150816.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2064.096+/-0.451 χ^2/NDF : 250597.2/25

asym_us_dd_at2lr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 258.679+/-1146.791 χ^2 /NDF: 15.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 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

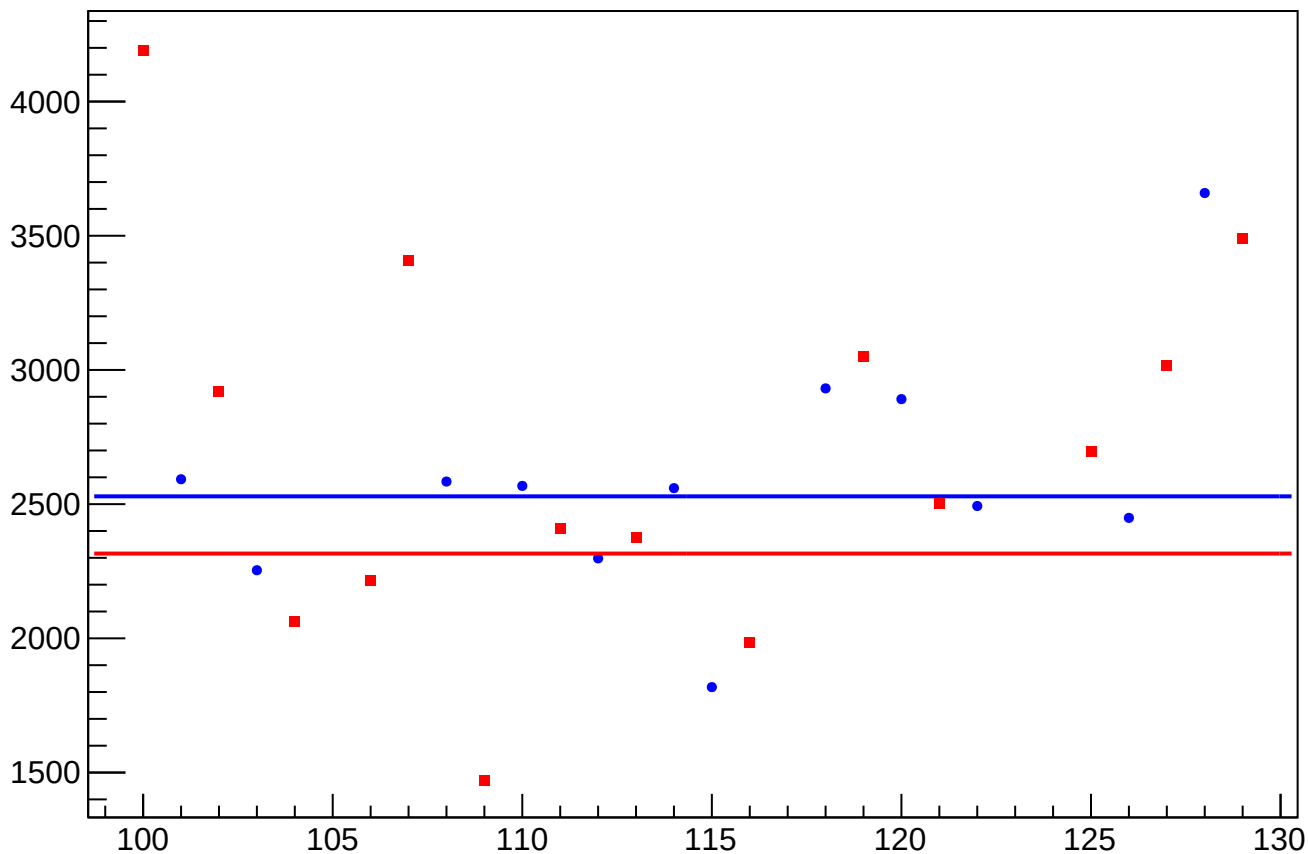
Right: 1533.583+/-760.510 χ^2 /NDF: 26.3/25

In: 258.679+/-1146.791 χ^2 /NDF:15.4/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1533.583+/-760.510 χ^2 /NDF: 26.3/25

asym_us_dd_at2lr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2529.069+/-0.811 χ^2/NDF : 196024.4/11

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

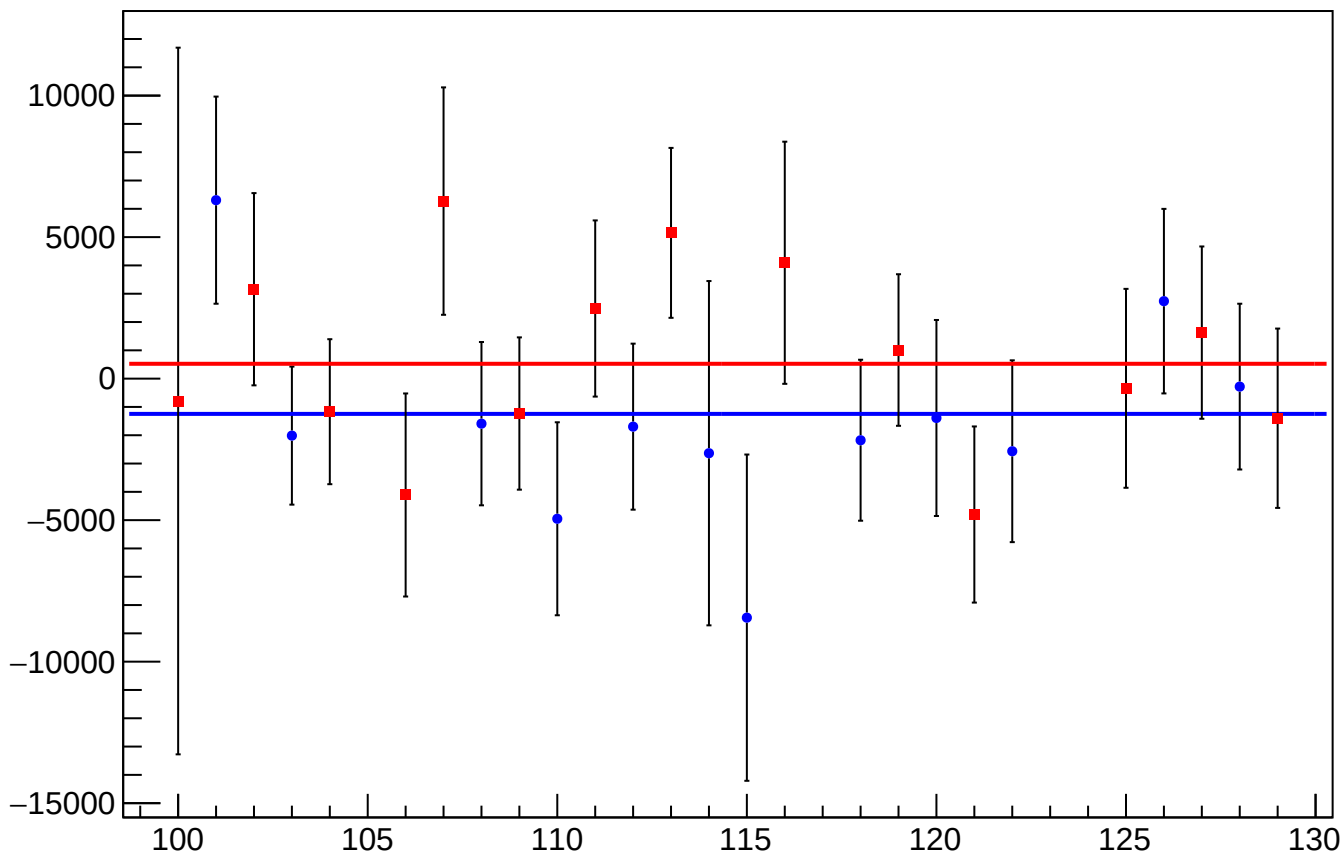
Right: 2409.657+/-0.538 χ^2/NDF : 929955.4/25

In: 2529.069+/-0.811 χ^2/NDF : 196024.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2409.657+/-0.538 χ^2/NDF : 929955.4/25

eigen_cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1245.720+/-937.788 χ^2/NDF : 9.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

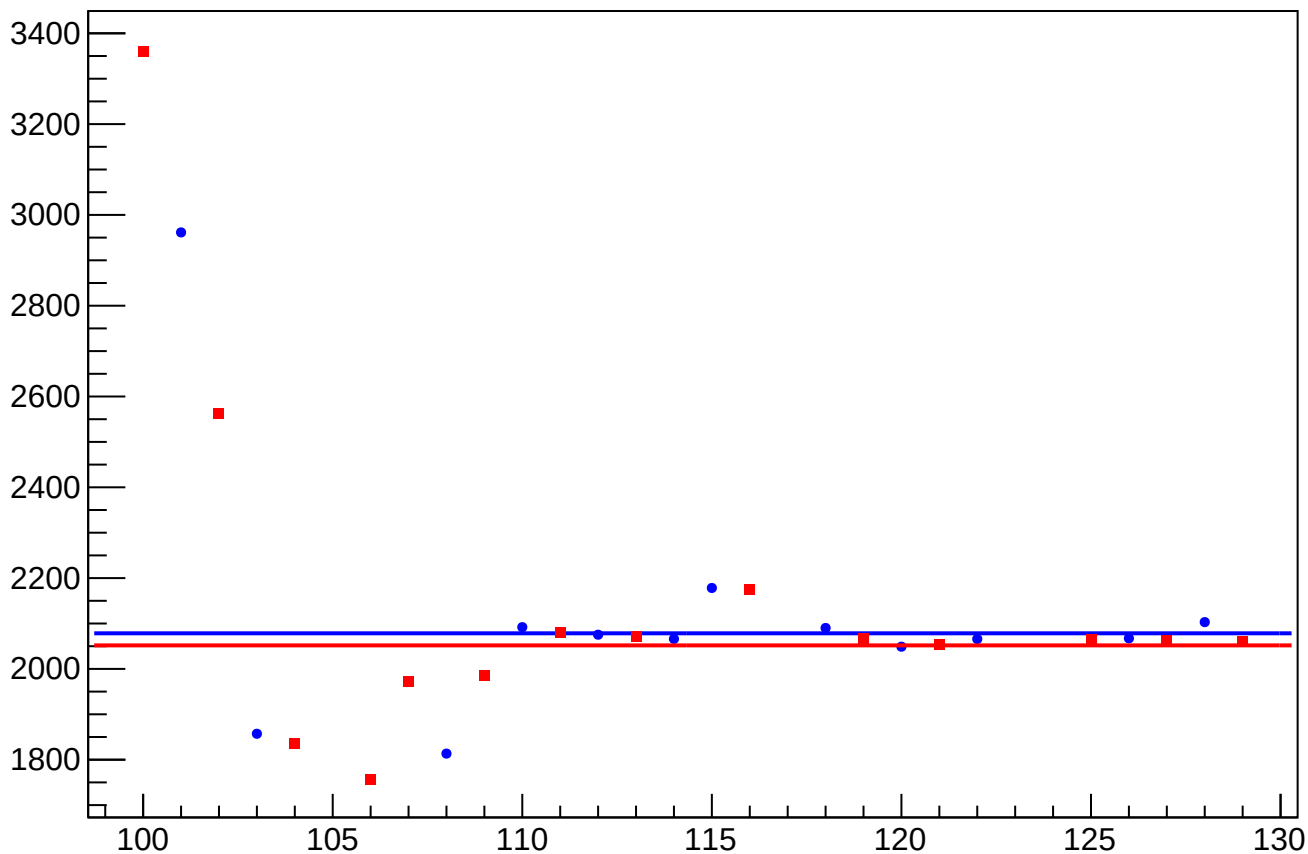
Right: -293.524+/-637.500 χ^2/NDF : 23.2/25

In: -1245.720+/-937.788 χ^2/NDF : 9.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -293.524+/-637.500 χ^2/NDF : 23.2/25

eigen_cor_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2078.400+/-0.663 χ^2/NDF : 150816.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2051.807+/-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

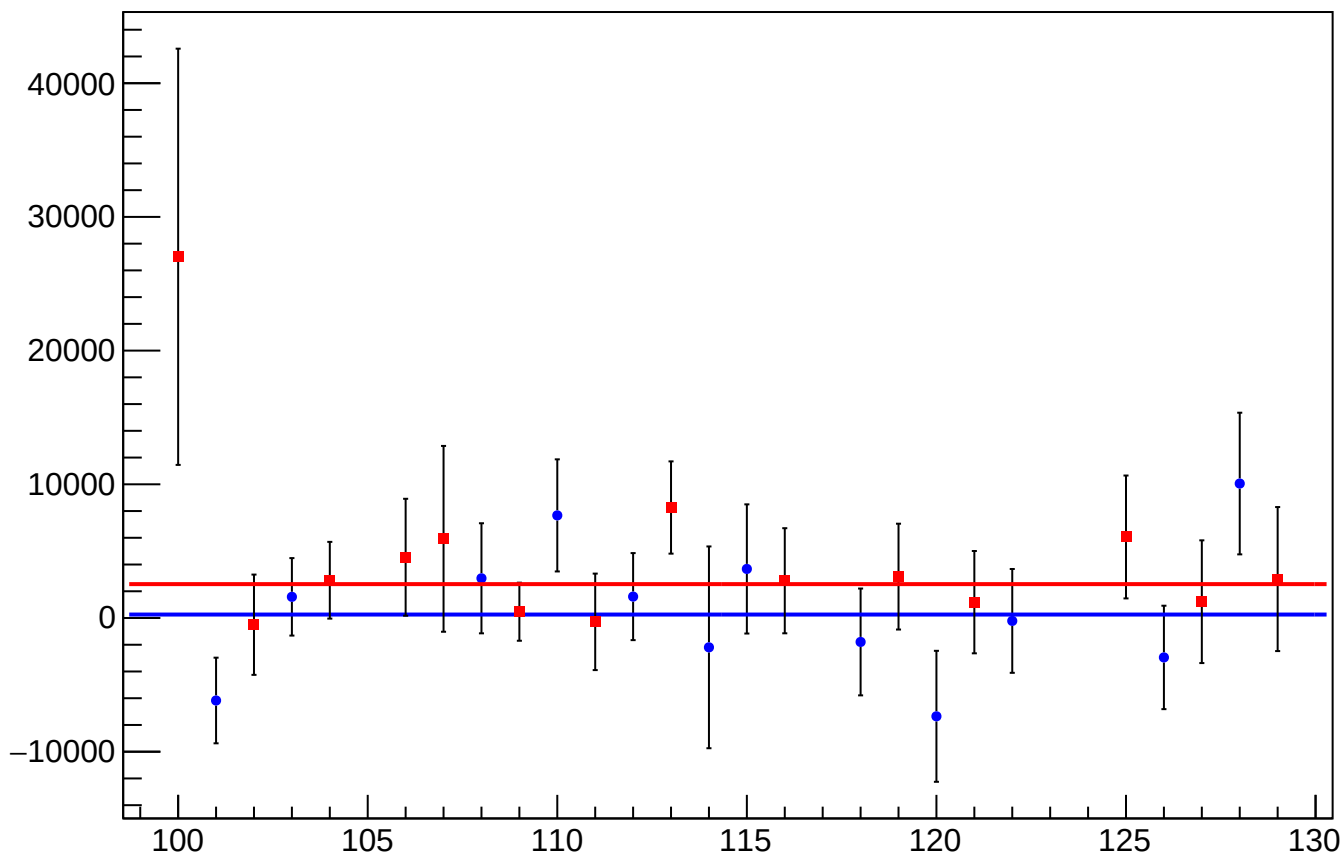
Right: 2064.096+/-0.451 χ^2/NDF : 250597.2/25

In: 2078.400+/-0.663 χ^2/NDF : 150816.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2064.096+/-0.451 χ^2/NDF : 250597.2/25

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 258.679+/-1146.791 χ^2 /NDF: 15.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 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

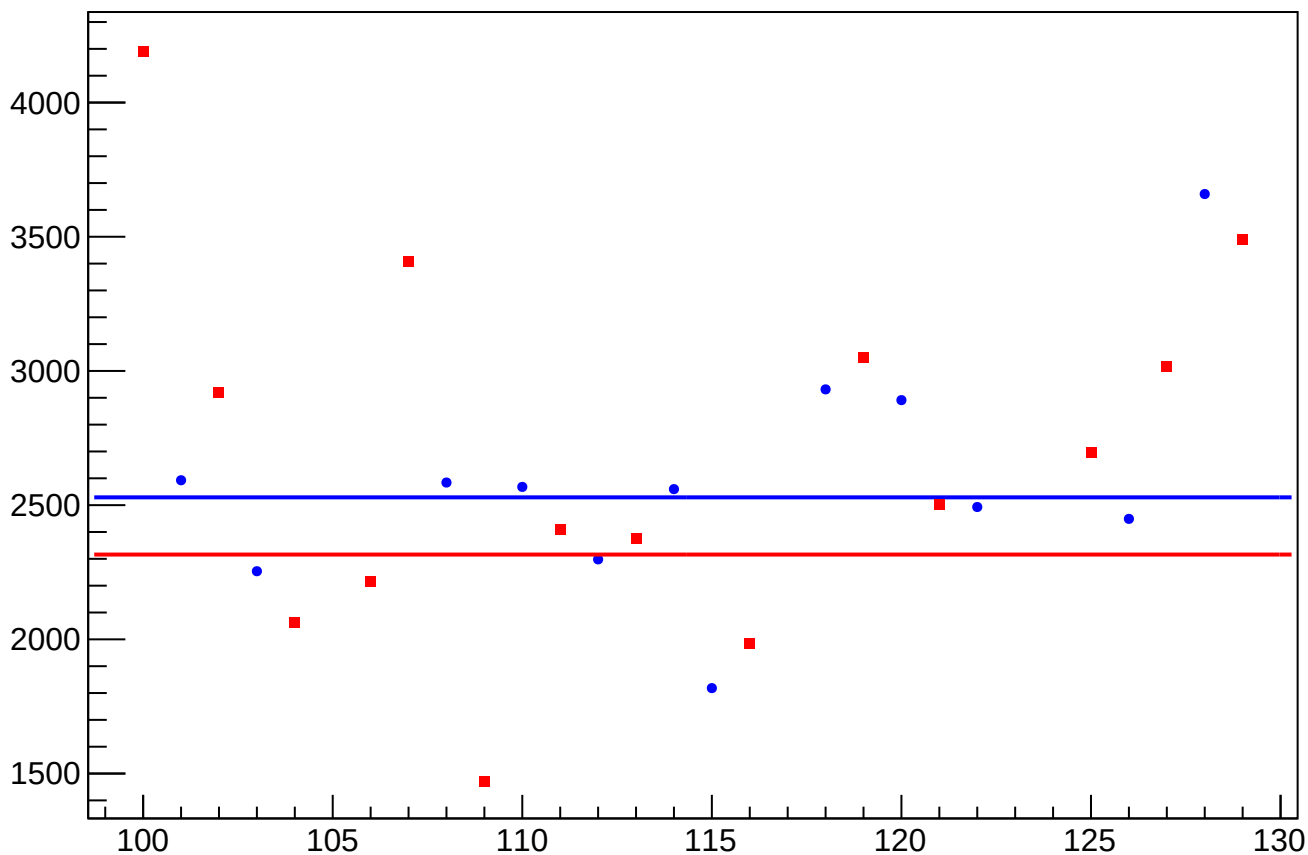
Right: 1533.583+/-760.510 χ^2 /NDF: 26.3/25

In: 258.679+/-1146.791 χ^2 /NDF:15.4/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1533.583+/-760.510 χ^2 /NDF: 26.3/25

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2529.069+/-0.811 χ^2/NDF : 196024.4/11

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

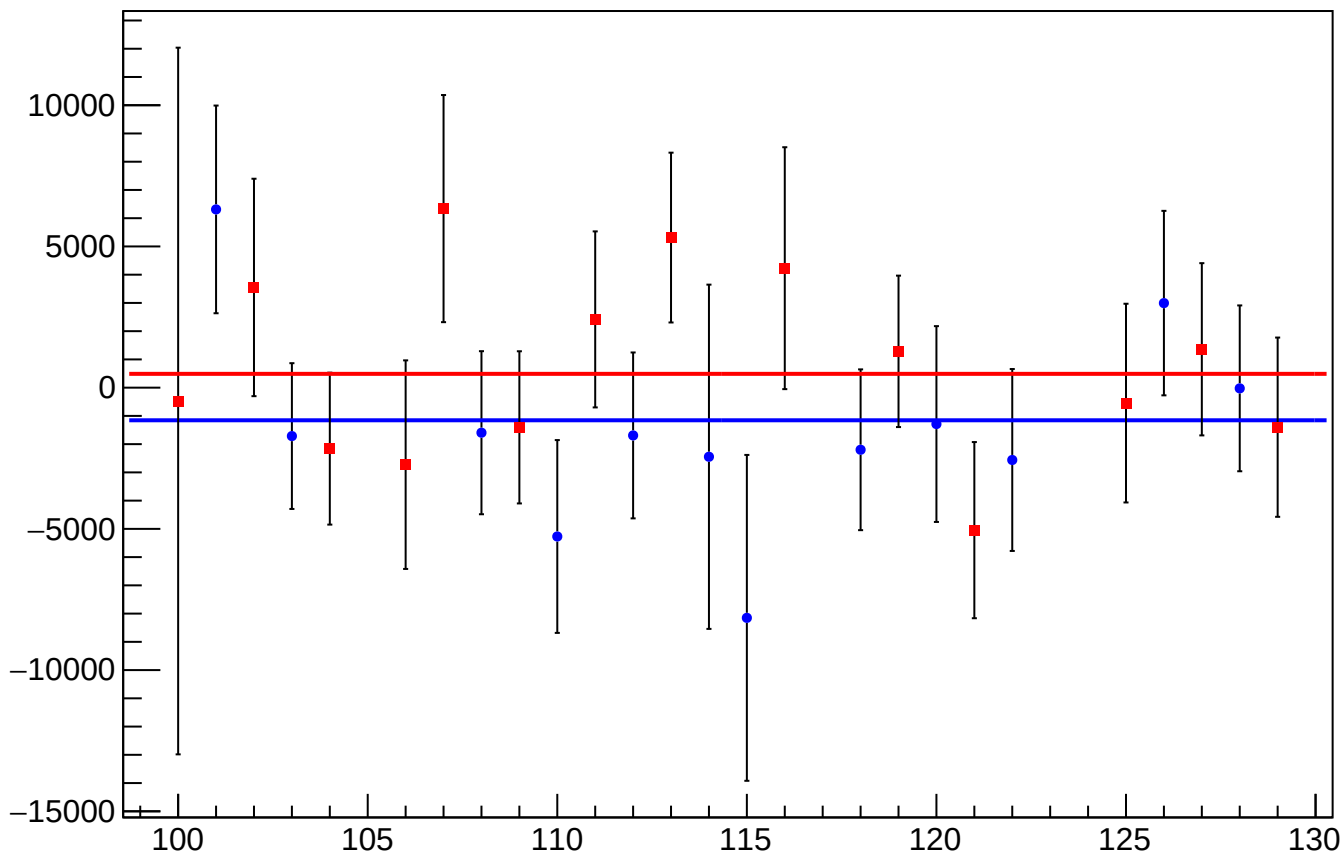
Right: 2409.657+/-0.538 χ^2/NDF : 929955.4/25

In: 2529.069+/-0.811 χ^2/NDF : 196024.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2409.657+/-0.538 χ^2/NDF : 929955.4/25

dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1155.198 ± 946.742 χ^2/NDF : 9.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 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

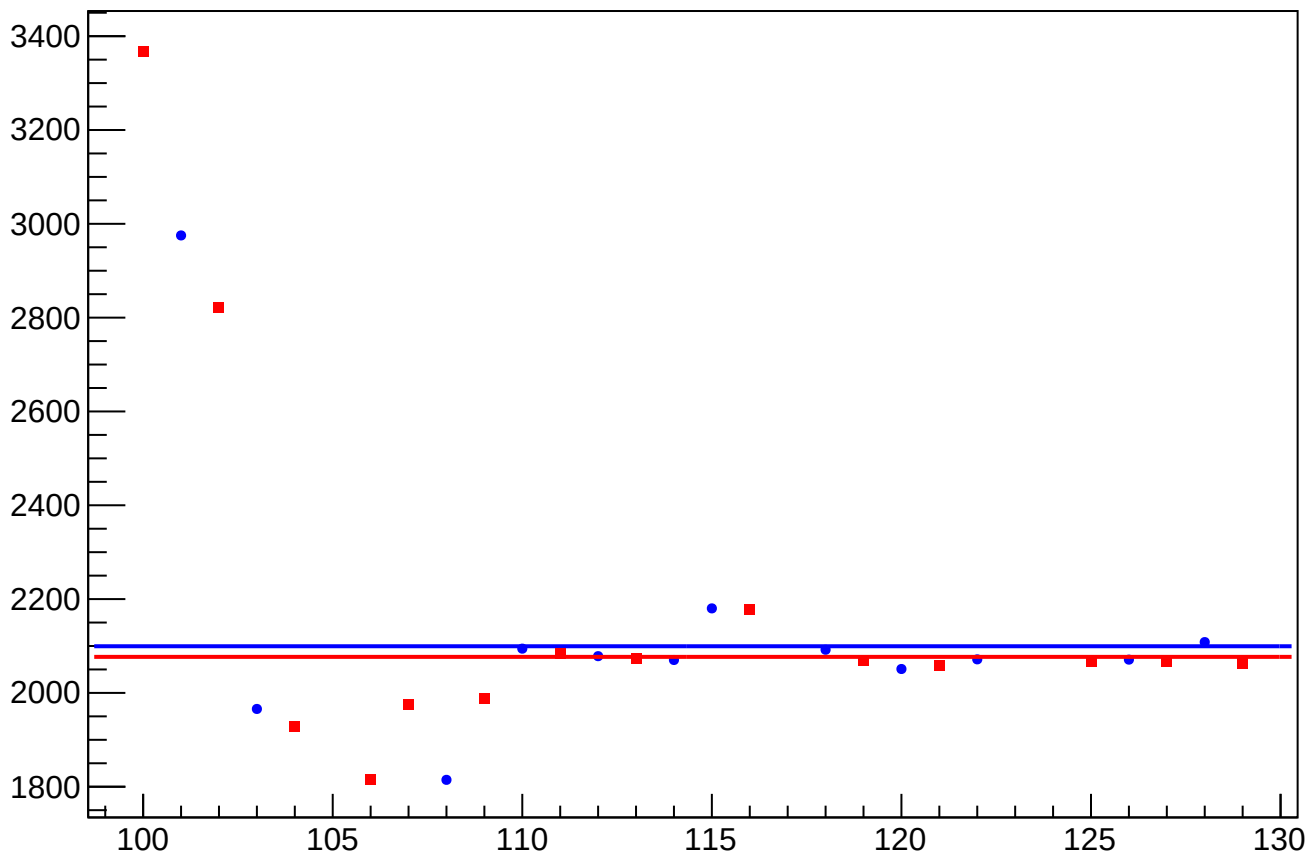
Right: -275.843 ± 645.701 χ^2/NDF : 23.4/25

In: -1155.198 ± 946.742 χ^2/NDF : 9.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -275.843 ± 645.701 χ^2/NDF : 23.4/25

dit_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2099.460+/-0.669 χ^2/NDF : 139564.5/11

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

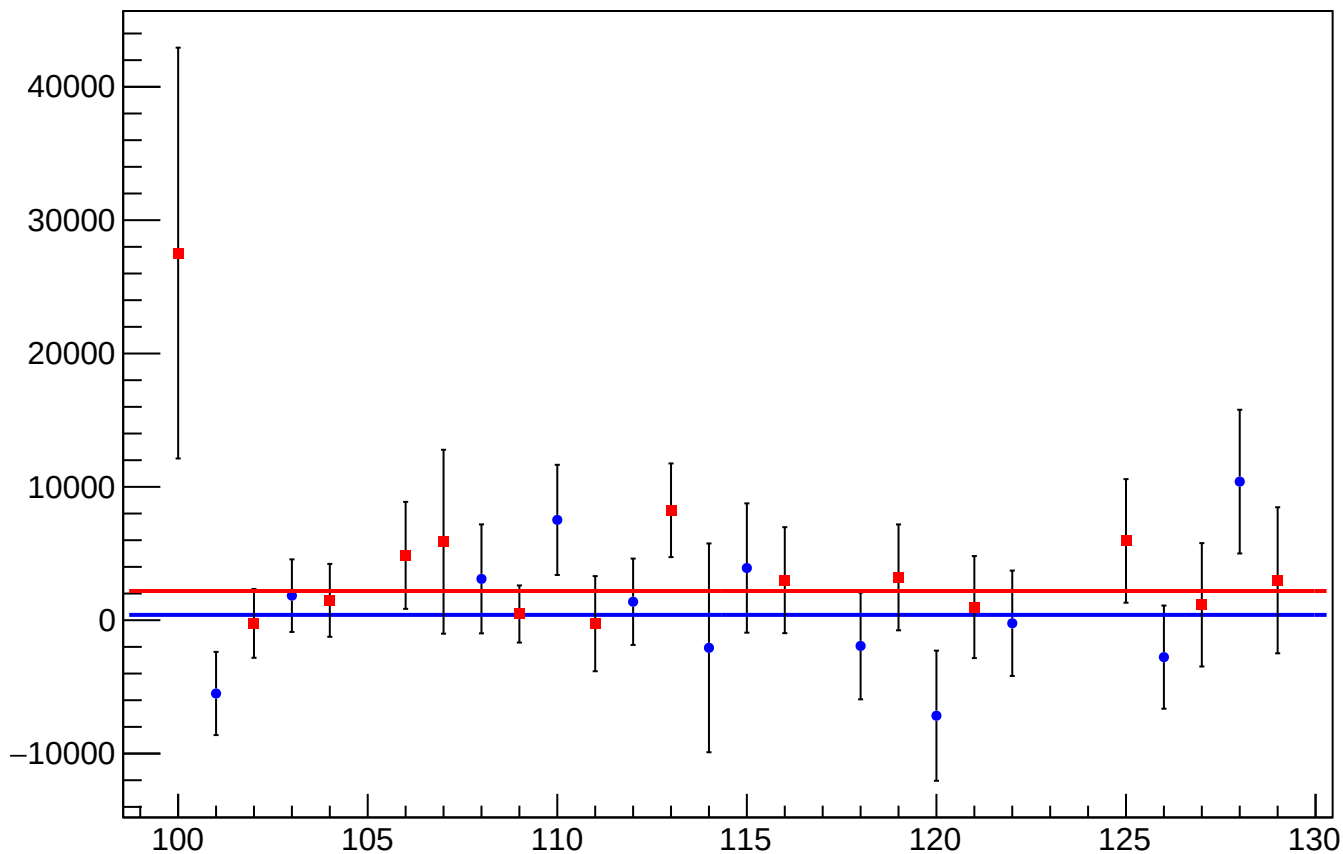
Right: 2087.353+/-0.457 χ^2/NDF : 257075.0/25

In: 2099.460+/-0.669 χ^2/NDF : 139564.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2087.353+/-0.457 χ^2/NDF : 257075.0/25

asym_us_dd_at2lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 399.406+/-1132.142 χ^2/NDF : 14.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

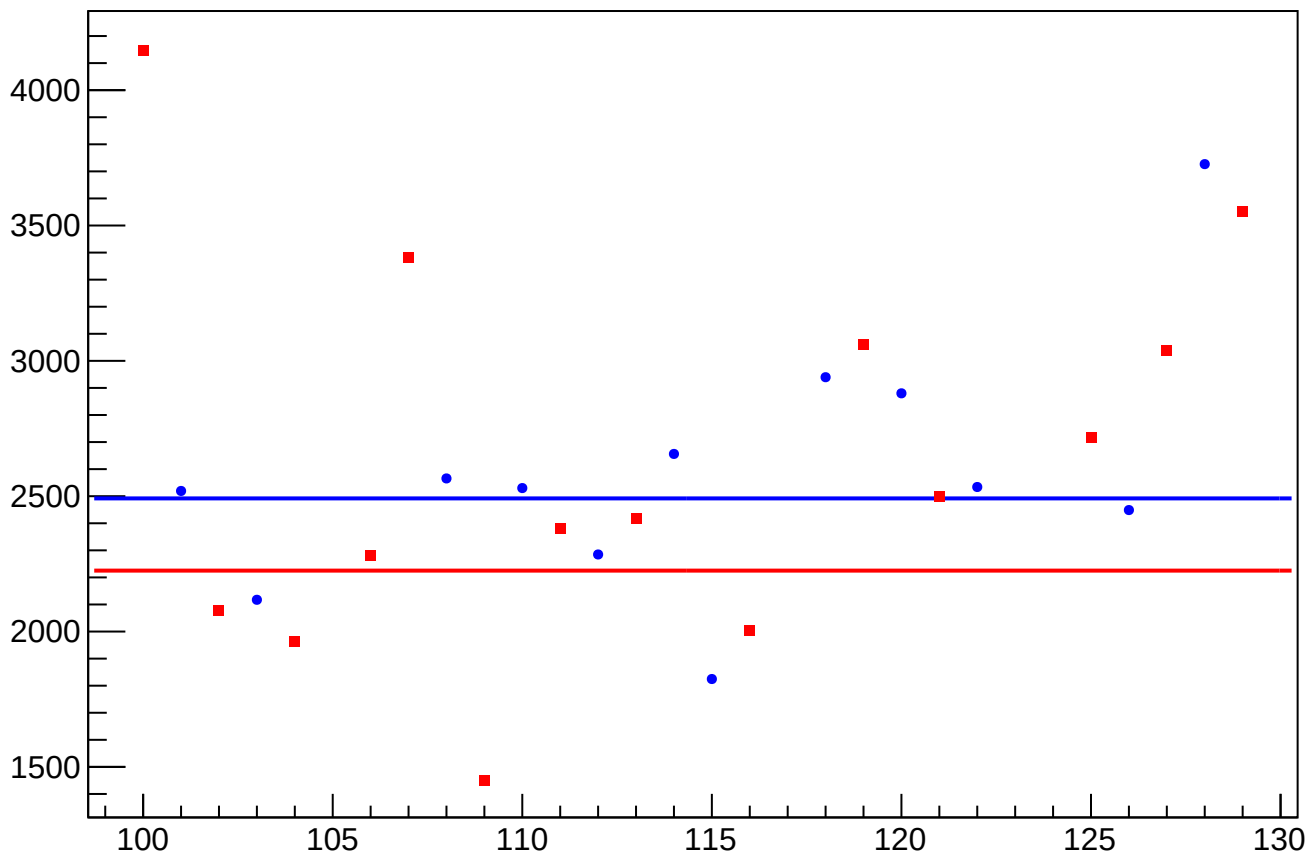
Right: 1435.935+/-734.954 χ^2/NDF : 25.7/25

In: 399.406+/-1132.142 χ^2/NDF : 14.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1435.935+/-734.954 χ^2/NDF : 25.7/25

asym_us_dd_at2lr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2491.877+/-0.801 χ^2 /NDF: 228905.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 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

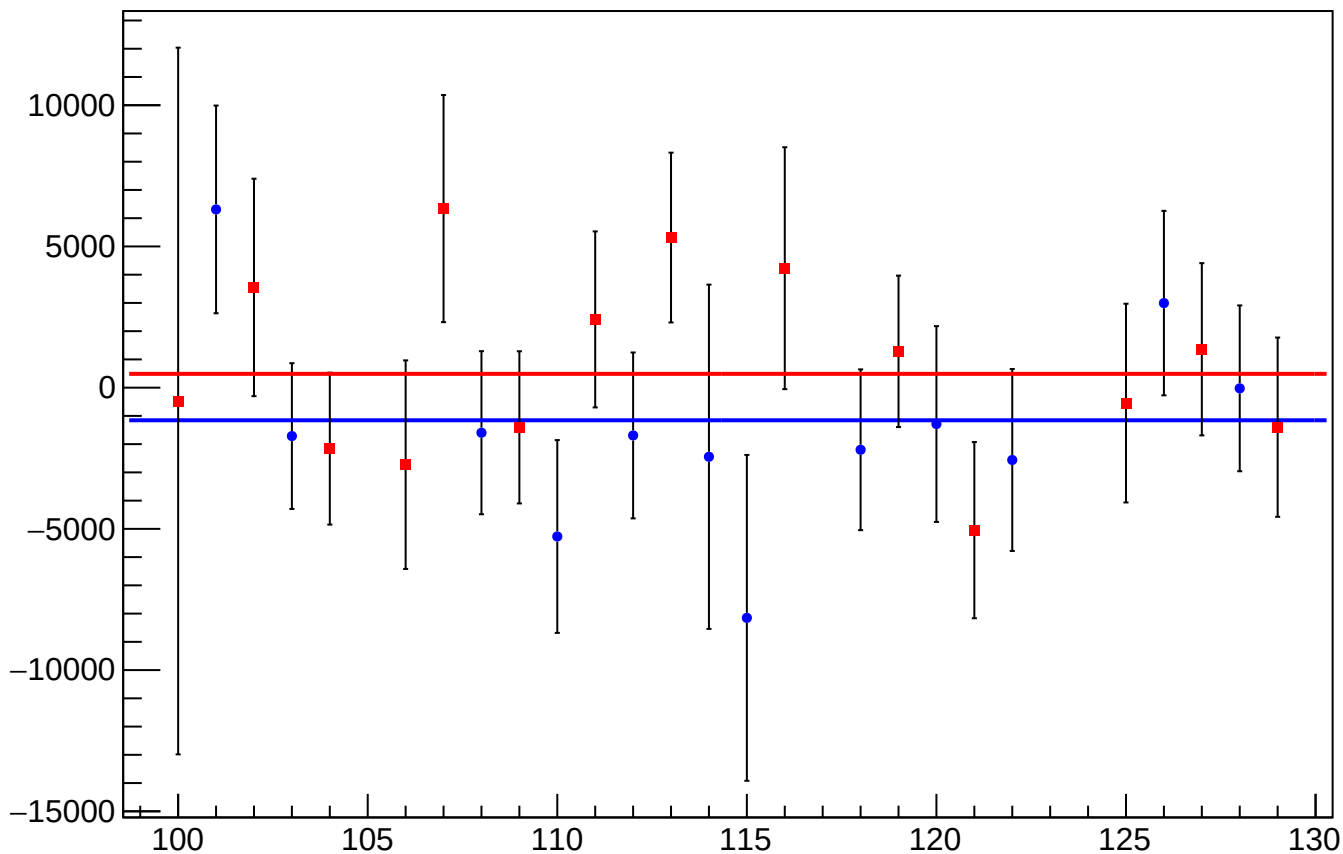
Right: 2337.540+/-0.520 χ^2 /NDF: 984145.9/25

In: 2491.877+/-0.801 χ^2 /NDF:228905.0/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2337.540+/-0.520 χ^2 /NDF: 984145.9/25

eigen_dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1155.196 ± 946.742 χ^2/NDF : 9.3/11

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

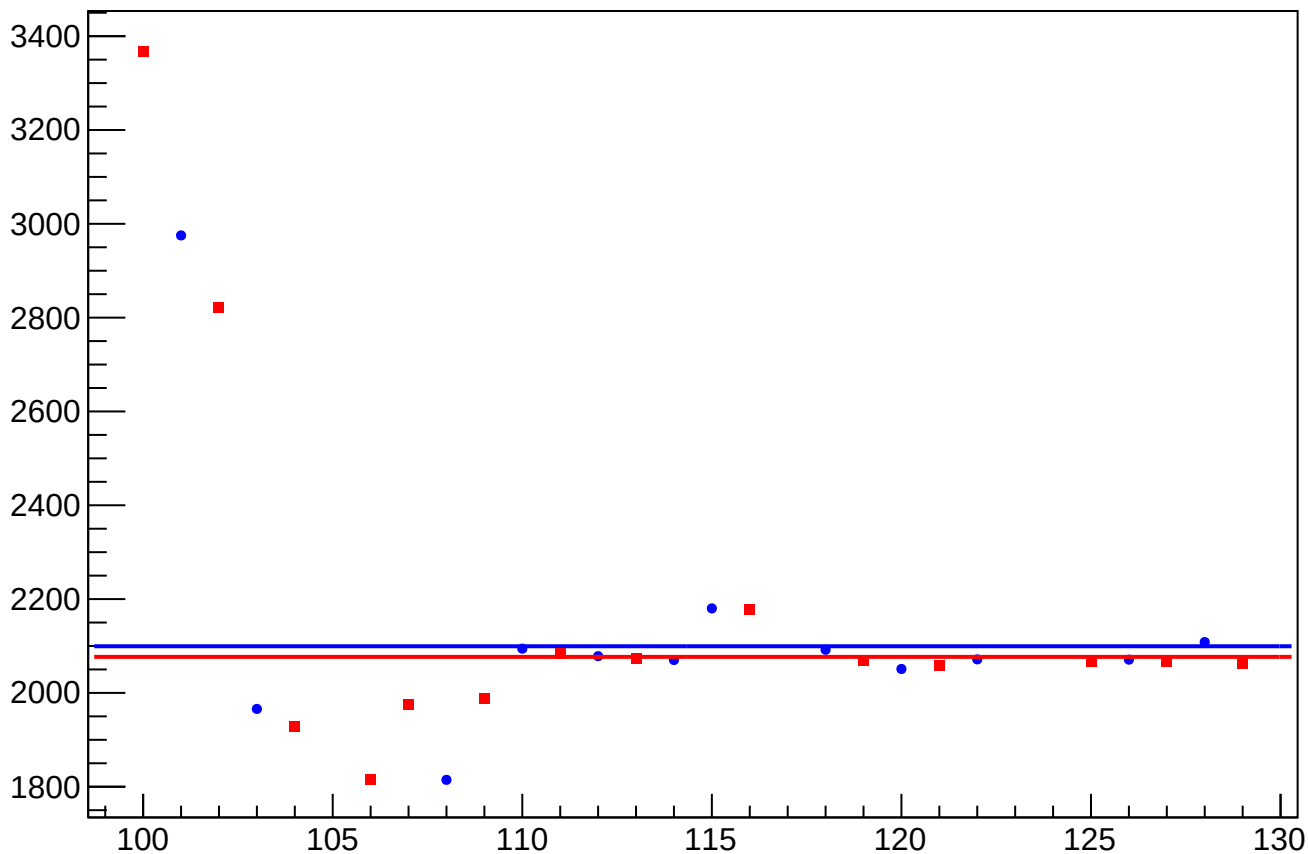
Right: -275.845 ± 645.701 χ^2/NDF : 23.4/25

In: -1155.196 ± 946.742 χ^2/NDF : 9.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -275.845 ± 645.701 χ^2/NDF : 23.4/25

eigen_dit_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2099.460+/-0.669 χ^2/NDF : 139564.4/11

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

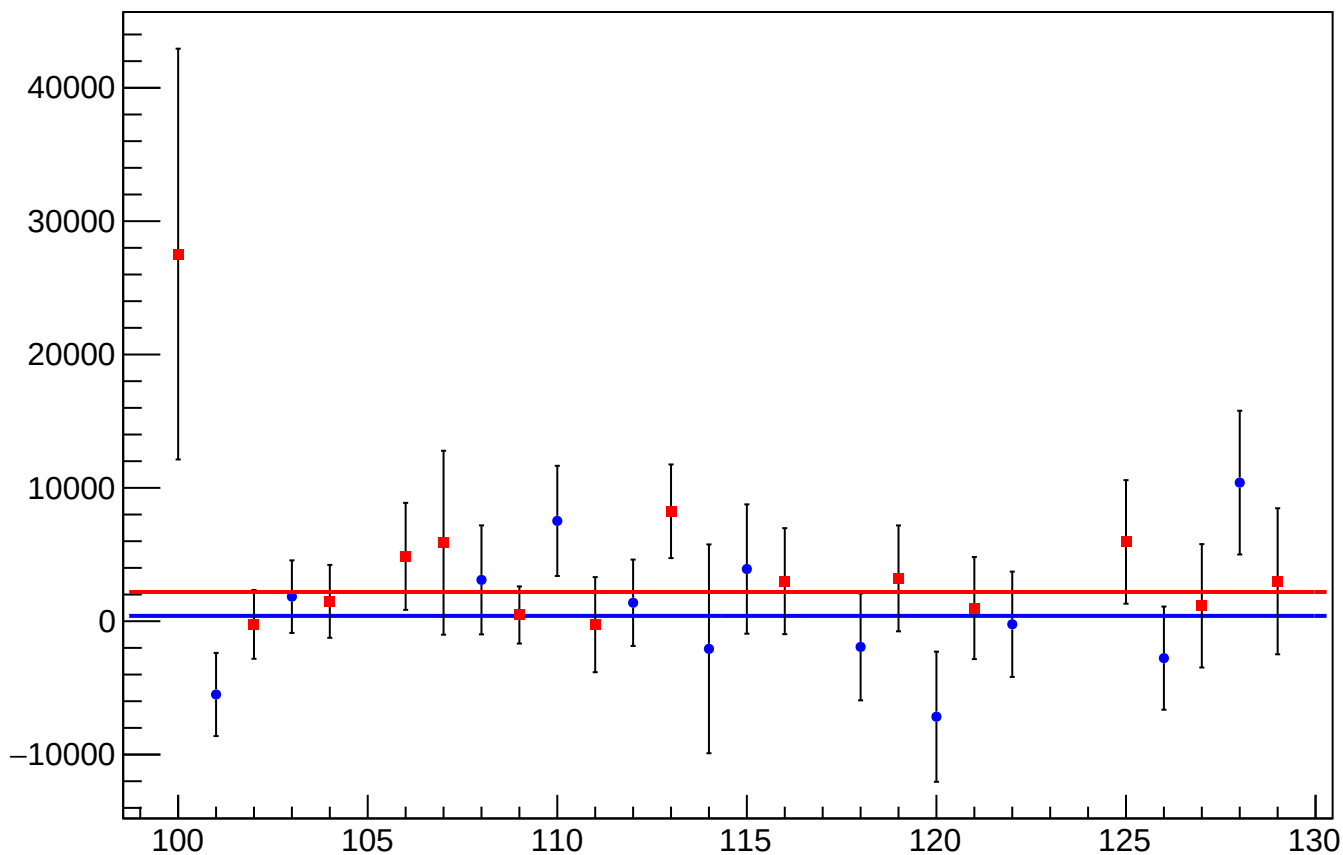
Right: 2087.353+/-0.457 χ^2/NDF : 257074.9/25

In: 2099.460+/-0.669 χ^2/NDF : 139564.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2087.353+/-0.457 χ^2/NDF : 257074.9/25

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 399.404+/-1132.139 χ^2/NDF : 14.9/11

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

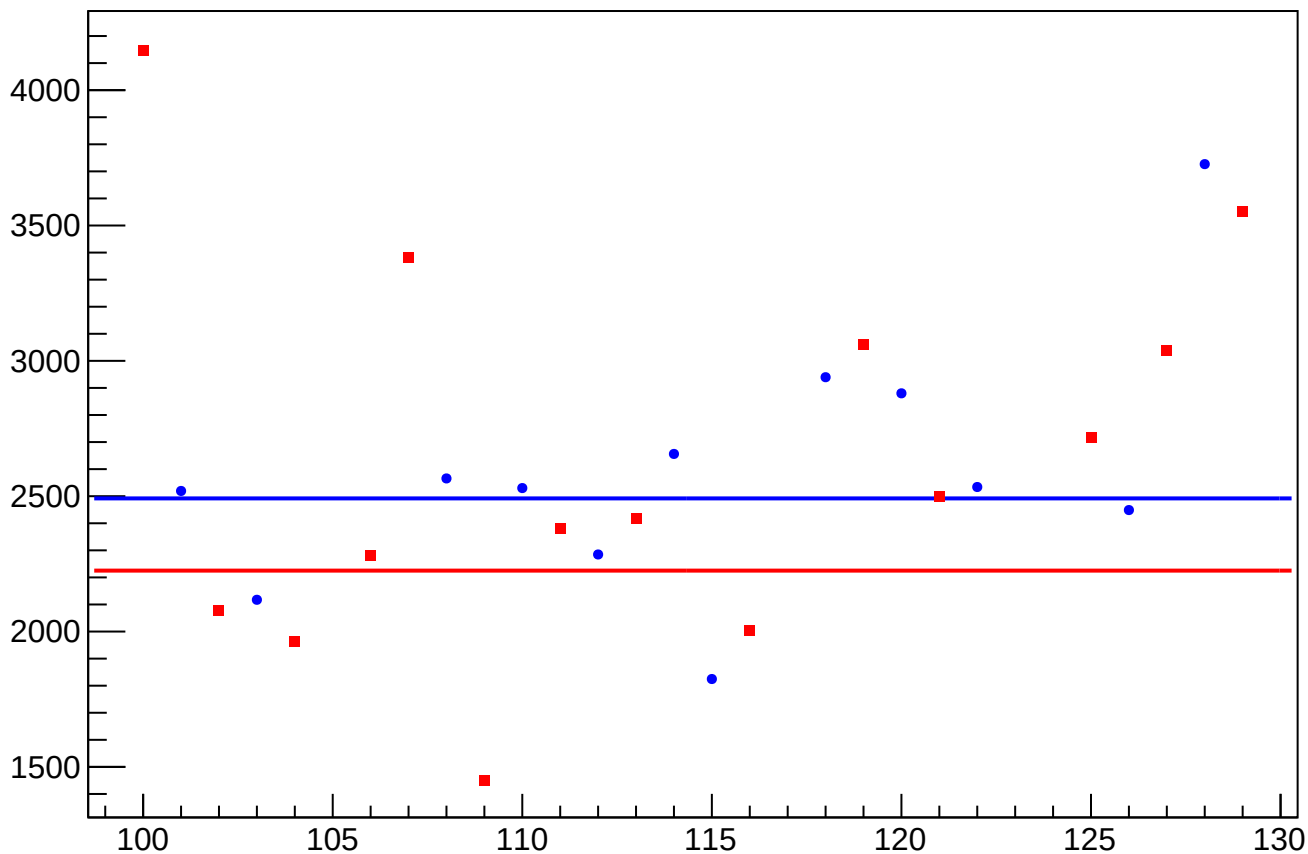
Right: 1435.934+/-734.953 χ^2/NDF : 25.7/25

In: 399.404+/-1132.139 χ^2/NDF : 14.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1435.934+/-734.953 χ^2/NDF : 25.7/25

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2491.872+/-0.801 χ^2 /NDF: 228899.0/11

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

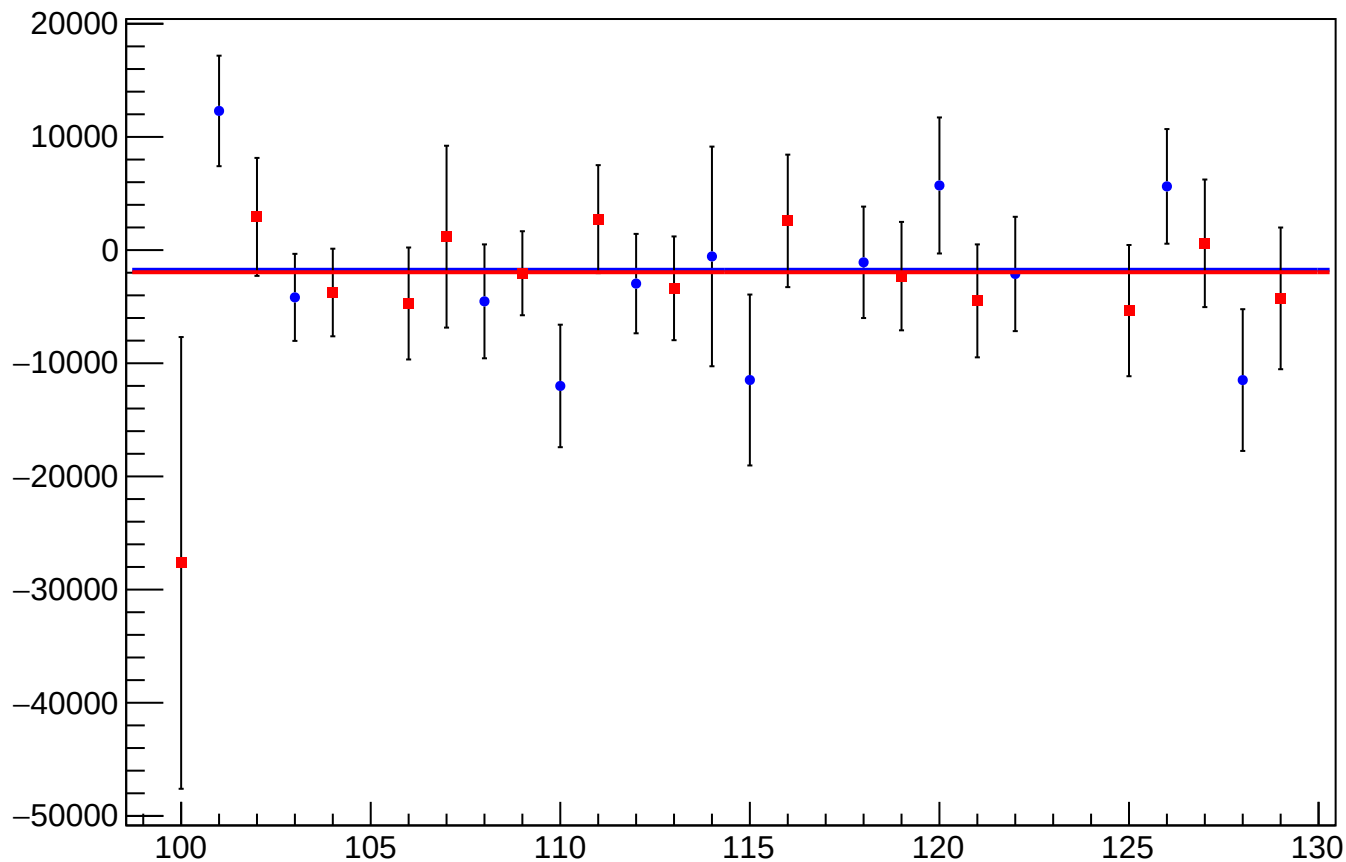
Right: 2337.540+/-0.520 χ^2 /NDF: 984116.8/25

In: 2491.872+/-0.801 χ^2 /NDF:228899.0/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2337.540+/-0.520 χ^2 /NDF: 984116.8/25

asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1740.830+/-1514.925 χ^2 /NDF: 20.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1955.598+/-1378.597 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

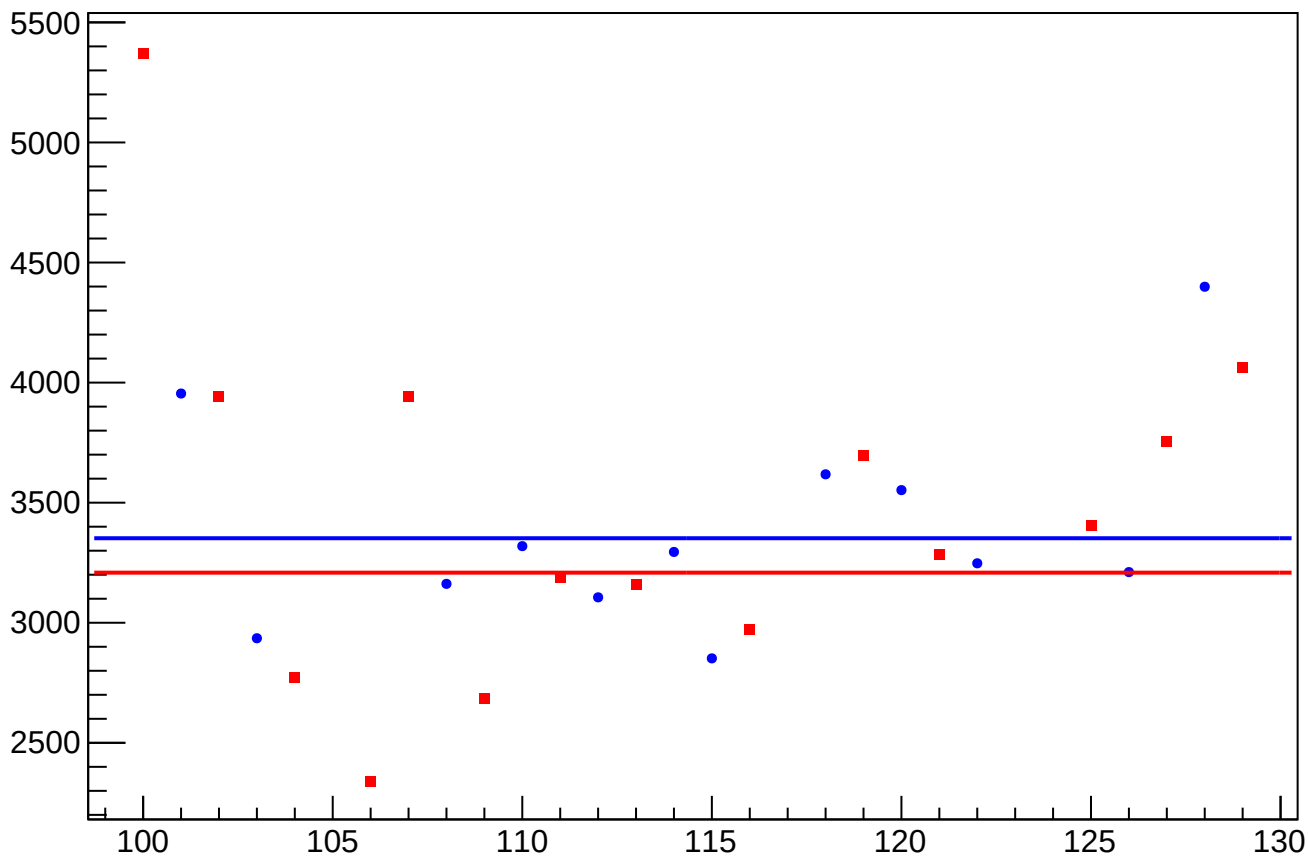
Right: -1858.311+/-1019.613 χ^2 /NDF: 26.3/25

In: -1740.830+/-1514.925 χ^2 /NDF:20.4/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1858.311+/-1019.613 χ^2 /NDF: 26.3/25

asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3351.947+/-1.071 χ^2/NDF : 138367.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

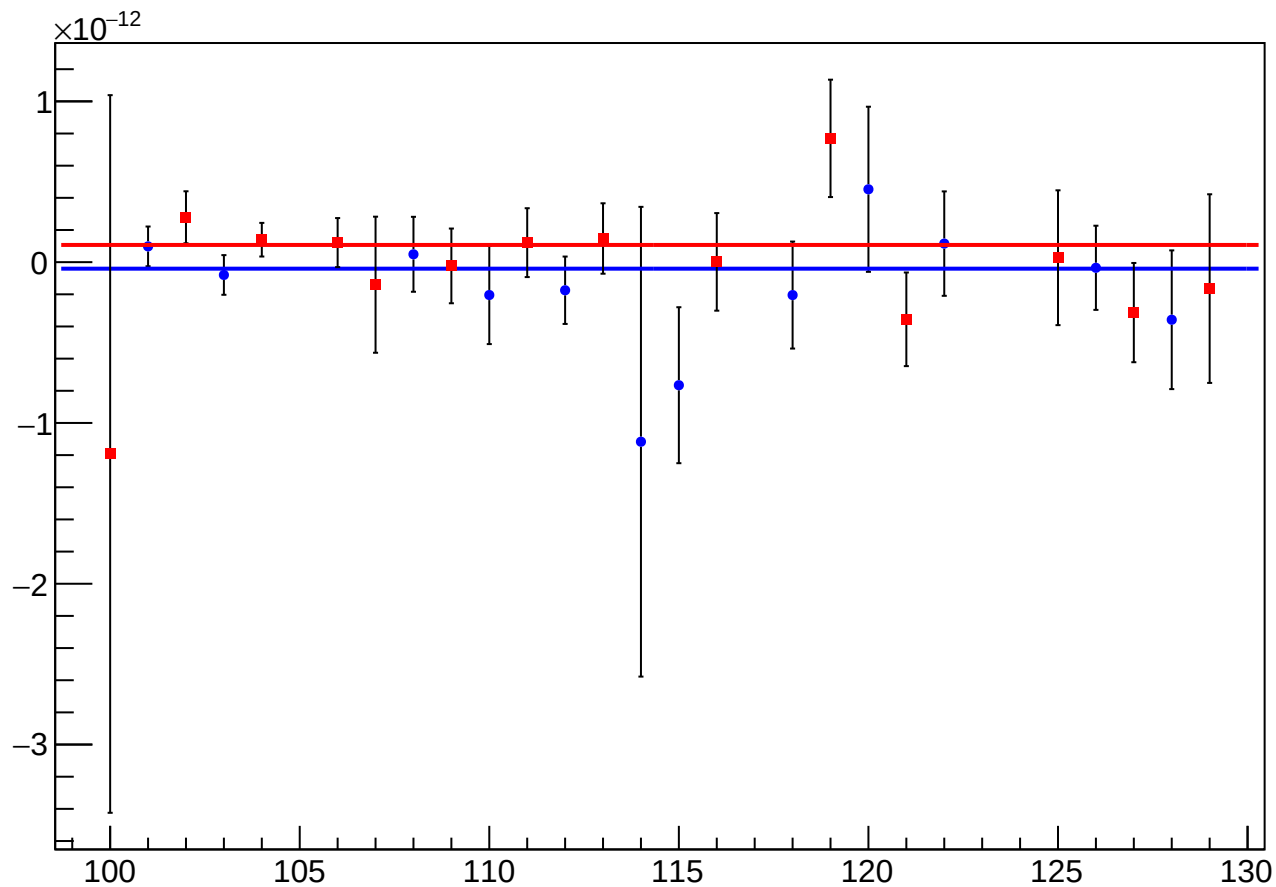
Right: 3273.567+/-0.721 χ^2/NDF : 438174.0/25

In: 3351.947+/-1.071 χ^2/NDF : 138367.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3273.567+/-0.721 χ^2/NDF : 438174.0/25

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.3/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

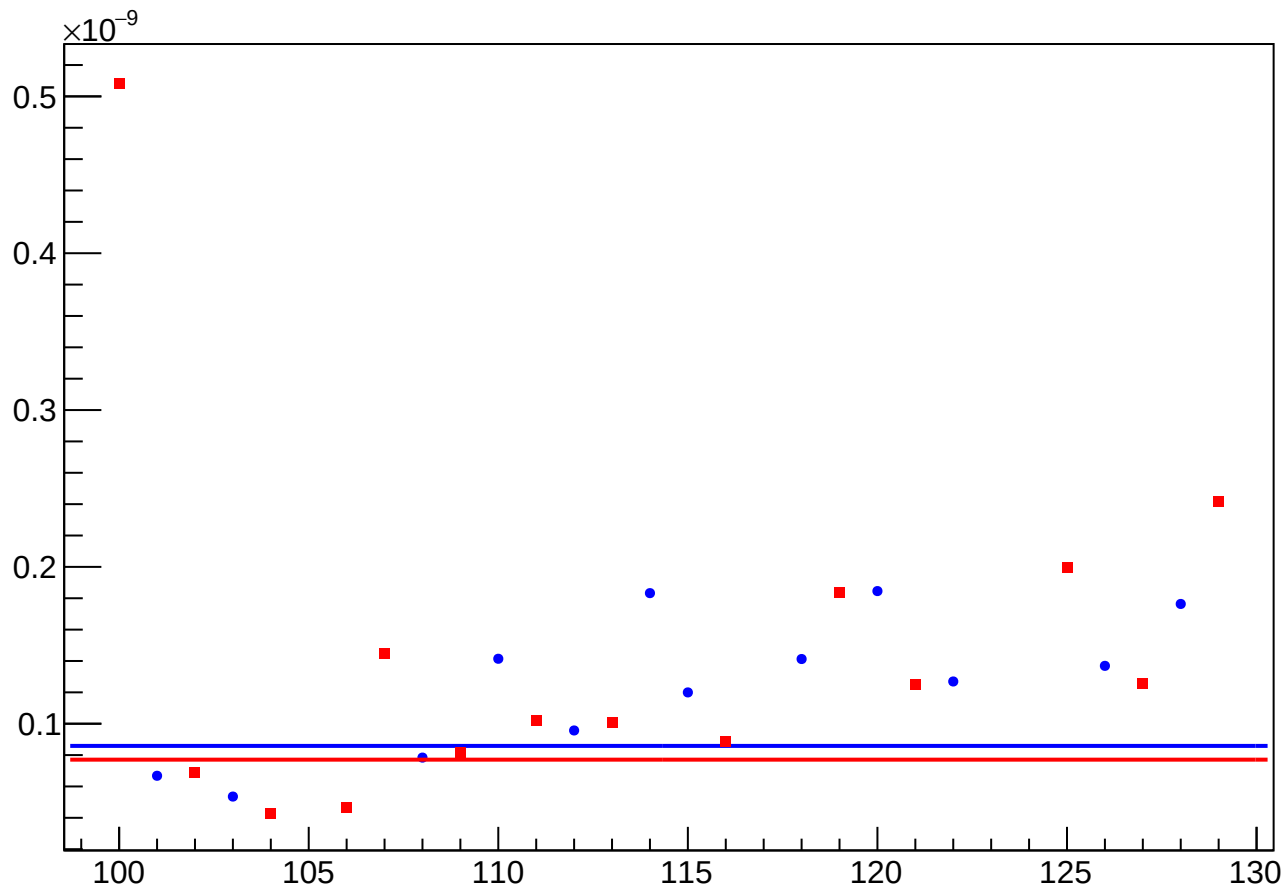
Right: 0.000+/-0.000 χ^2/NDF : 20.0/25

In: -0.000+/-0.000 χ^2/NDF :6.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.0/25

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 601769.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

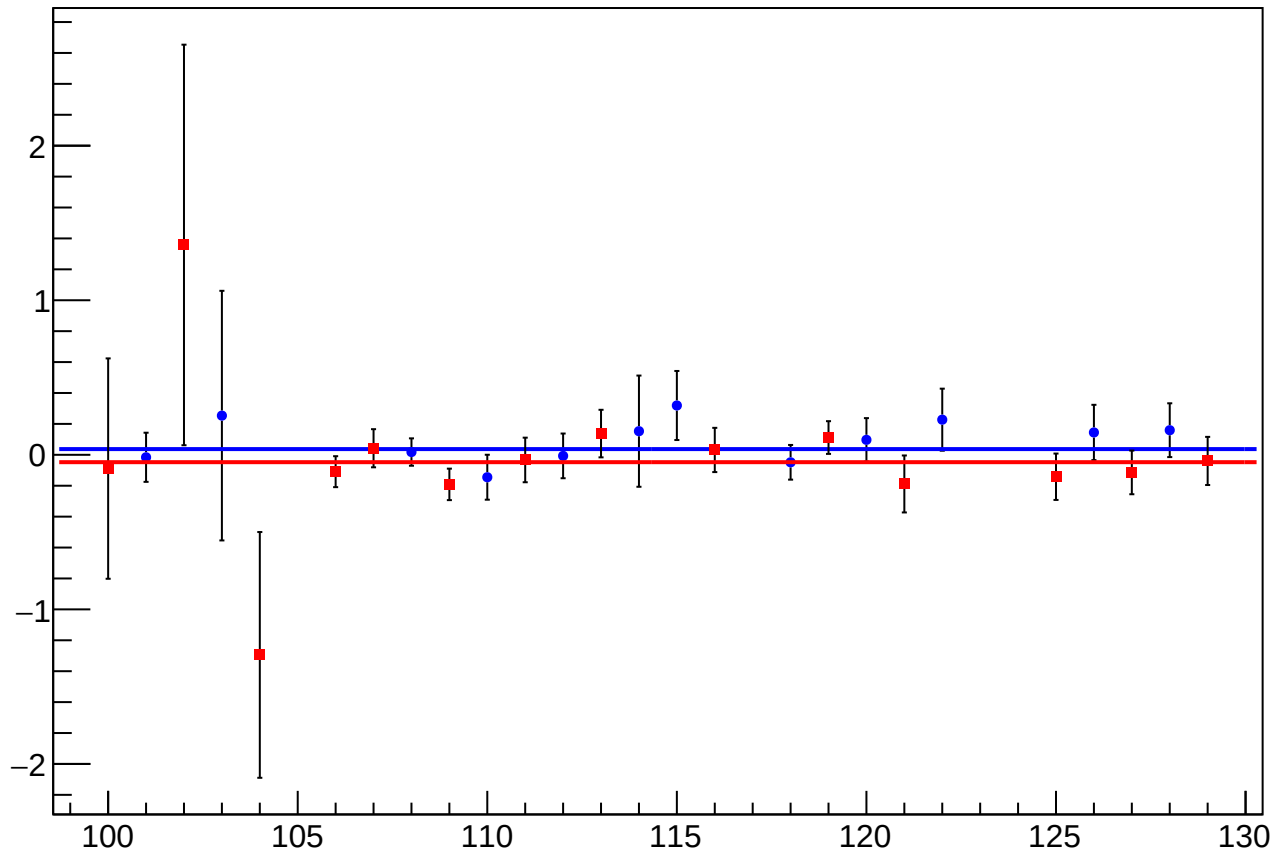
Right: 0.000+/-0.000 χ^2/NDF : 1705314.0/25

In: 0.000+/-0.000 χ^2/NDF : 601769.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1705314.0/25

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.037 $\pm$ 0.044 χ^2 /NDF: 6.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.048 $\pm$ 0.039 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

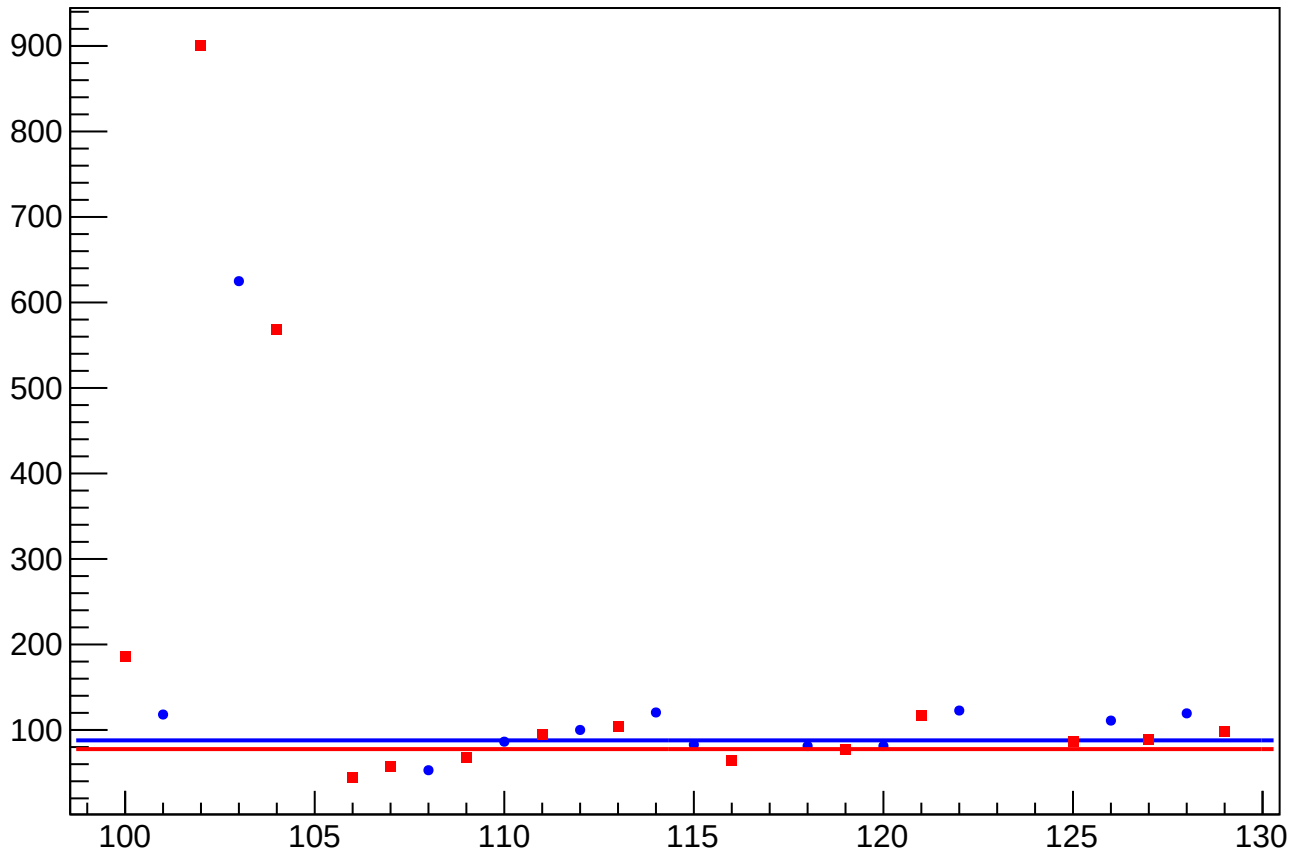
Right: -0.011 $\pm$ 0.029 χ^2 /NDF: 19.9/25

In: 0.037 $\pm$ 0.044 χ^2 /NDF: 6.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.011 $\pm$ 0.029 χ^2 /NDF: 19.9/25

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 87.849+/-0.031 χ^2/NDF : 1470963.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

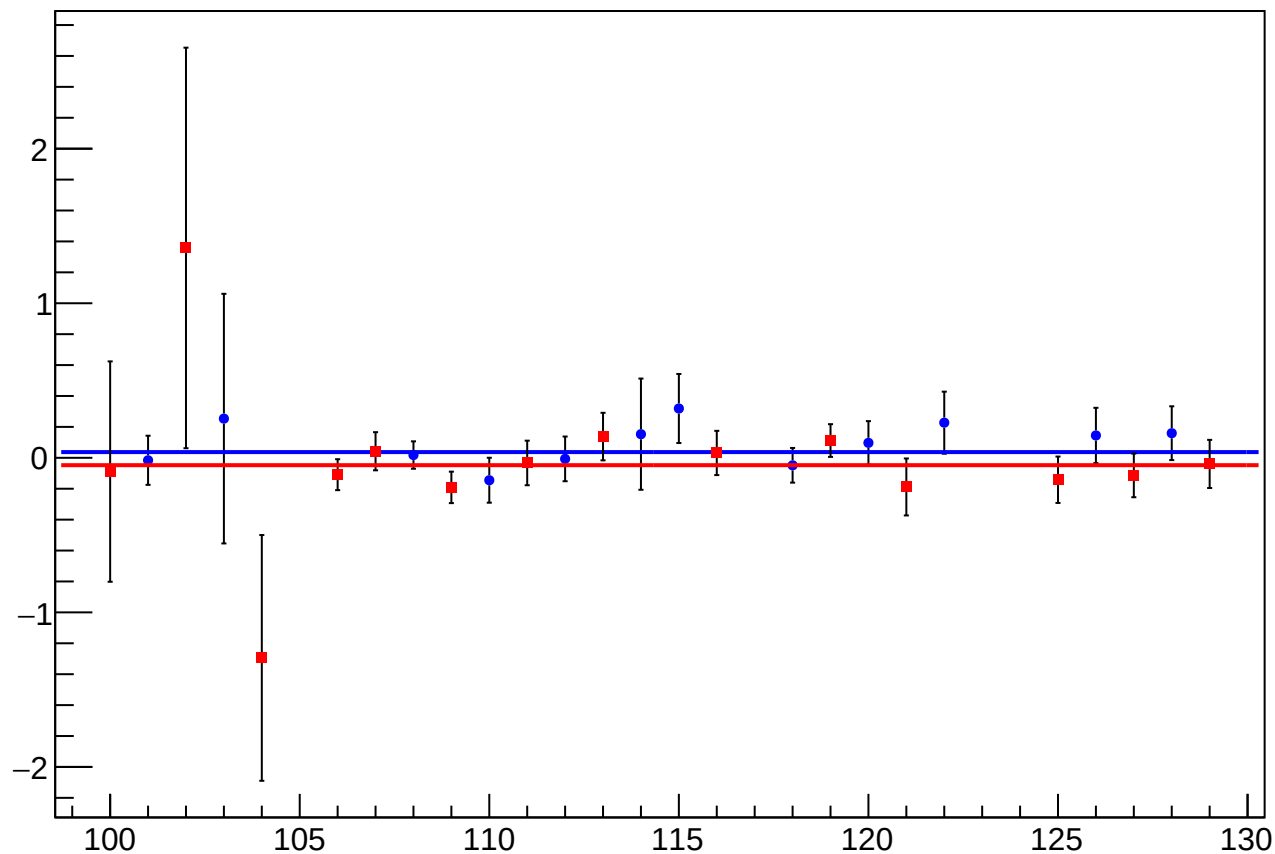
Right: 82.086+/-0.021 χ^2/NDF : 3698957.2/25

In: 87.849+/-0.031 χ^2/NDF : 1470963.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.086+/-0.021 χ^2/NDF : 3698957.2/25

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.037 $\pm$ 0.044 χ^2 /NDF: 6.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.048 $\pm$ 0.039 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

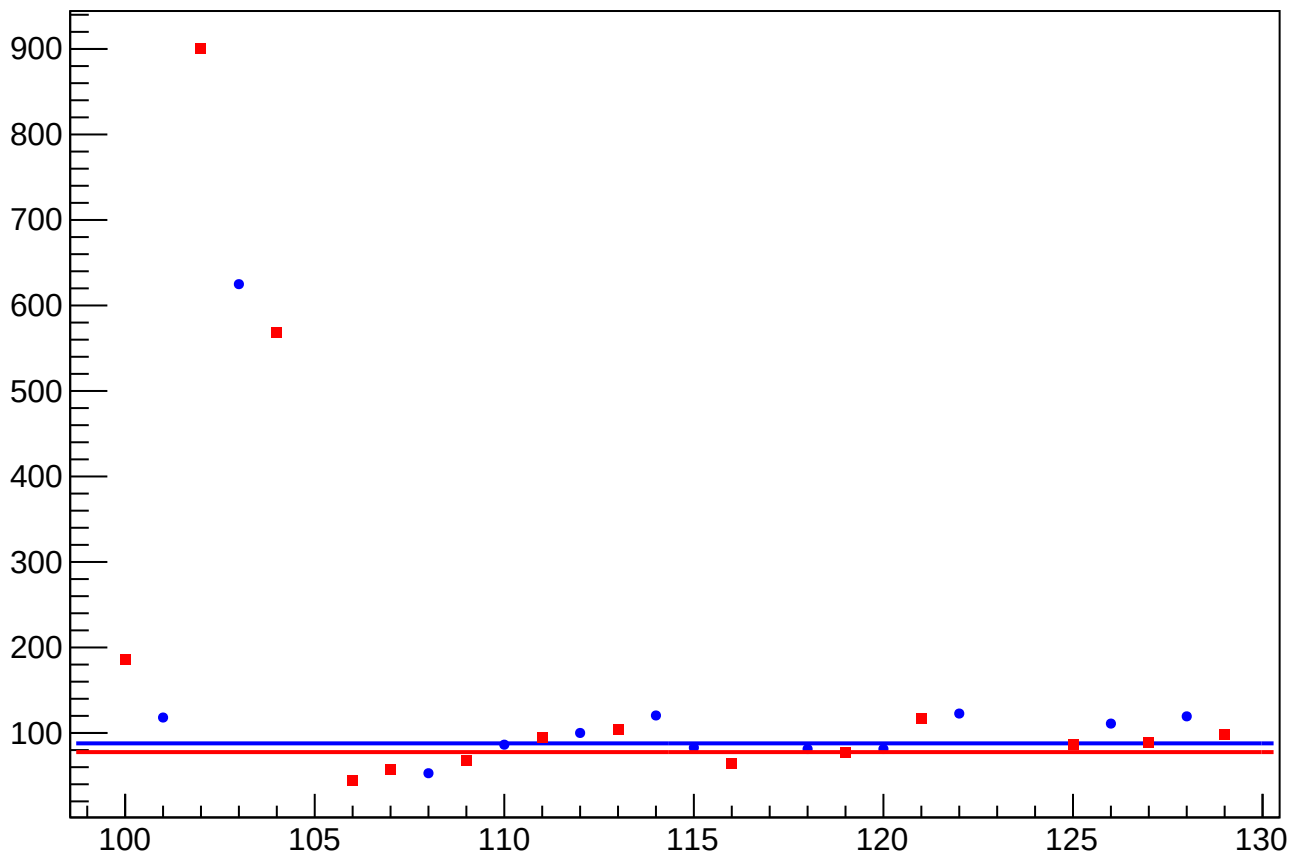
Right: -0.011 $\pm$ 0.029 χ^2 /NDF: 19.9/25

In: 0.037 $\pm$ 0.044 χ^2 /NDF:6.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.011 $\pm$ 0.029 χ^2 /NDF: 19.9/25

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 87.849+/-0.031 χ^2/NDF : 1470963.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

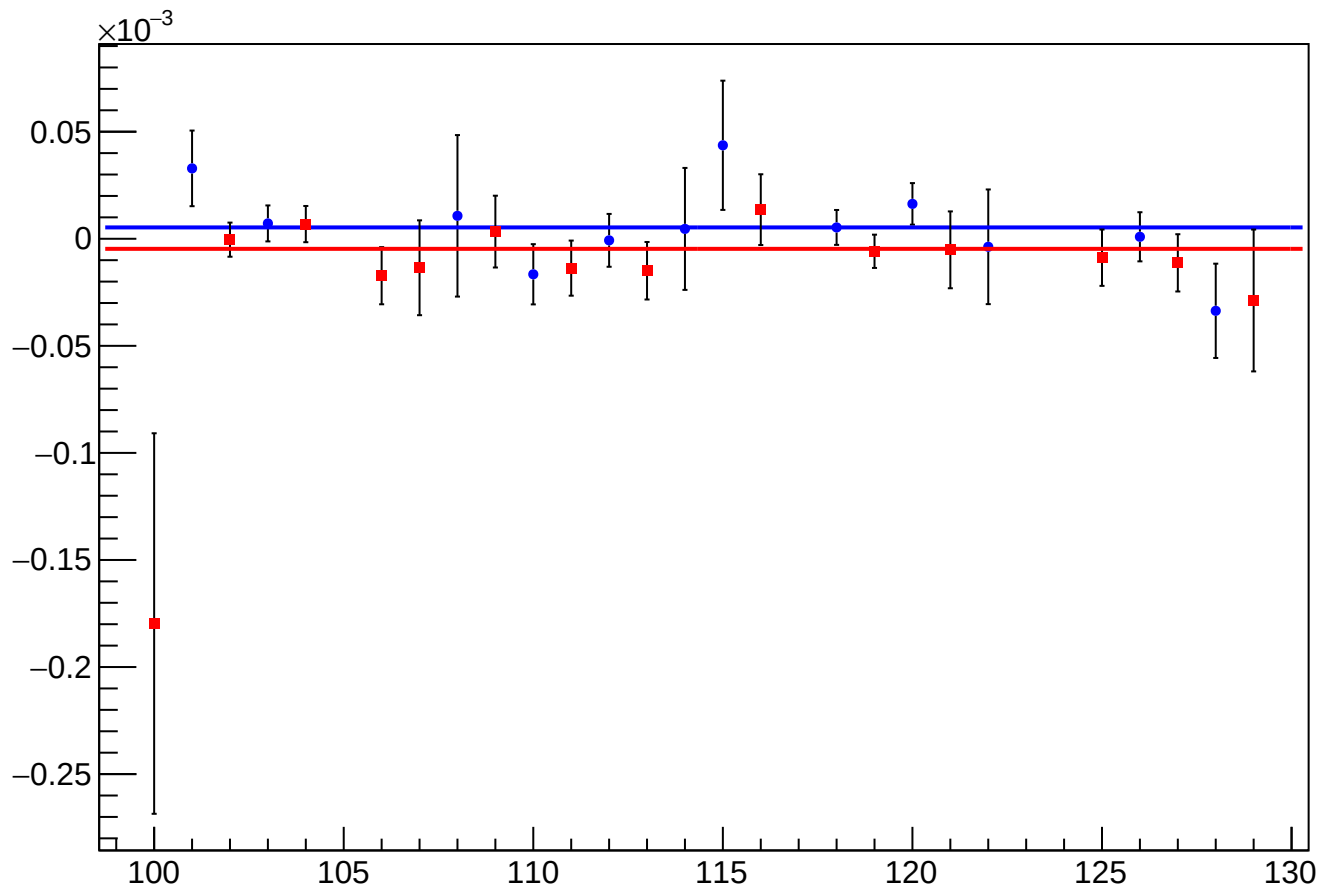
Right: 82.086+/-0.021 χ^2/NDF : 3698957.2/25

In: 87.849+/-0.031 χ^2/NDF : 1470963.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.086+/-0.021 χ^2/NDF : 3698957.2/25

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 : 11.5/11

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 +/- 0.000 χ^2/NDF : 10.5/13

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

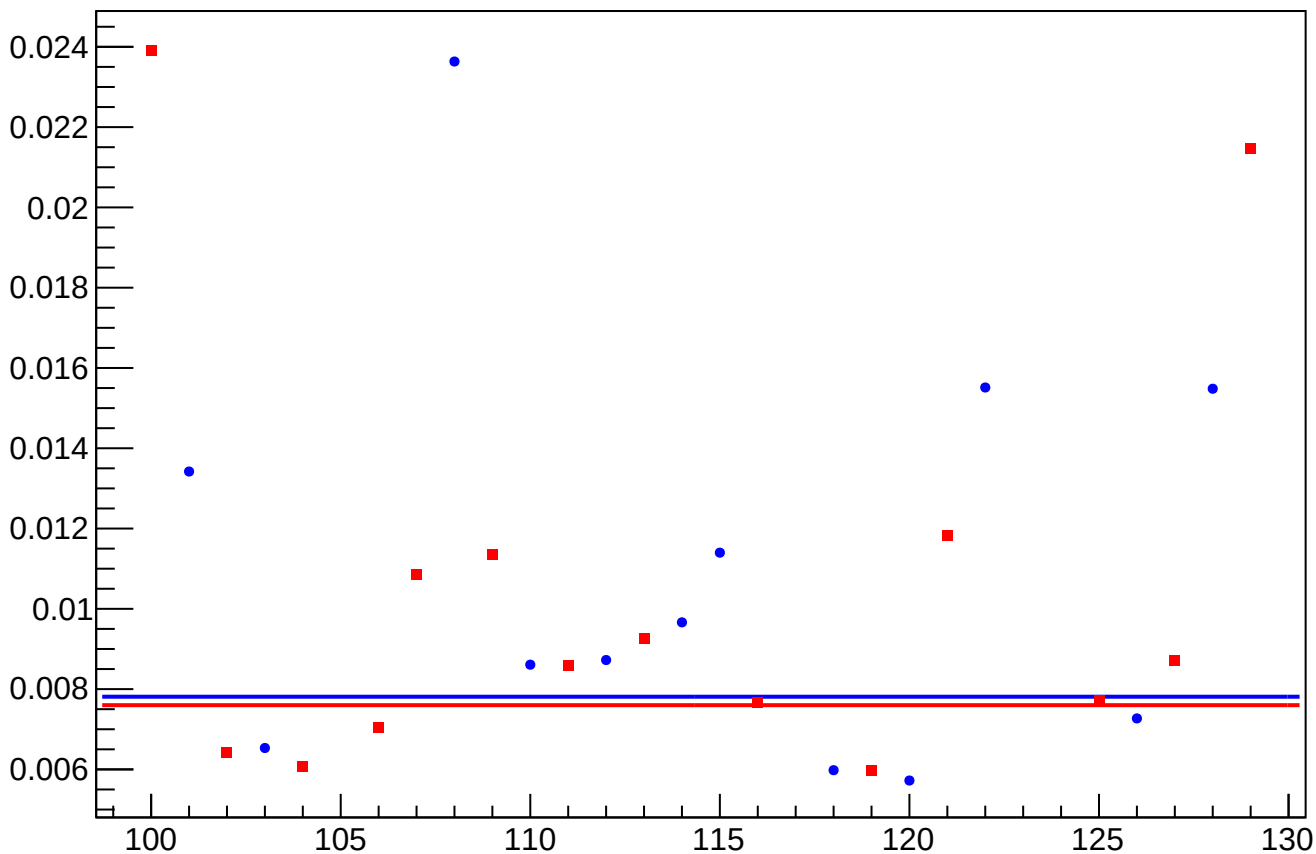
Right: -0.000 +/- 0.000 χ^2/NDF : 25.8/25

In: 0.000 +/- 0.000 χ^2/NDF : 11.5/11

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -0.000 +/- 0.000 χ^2/NDF : 25.8/25

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 : 1260642.4/11

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

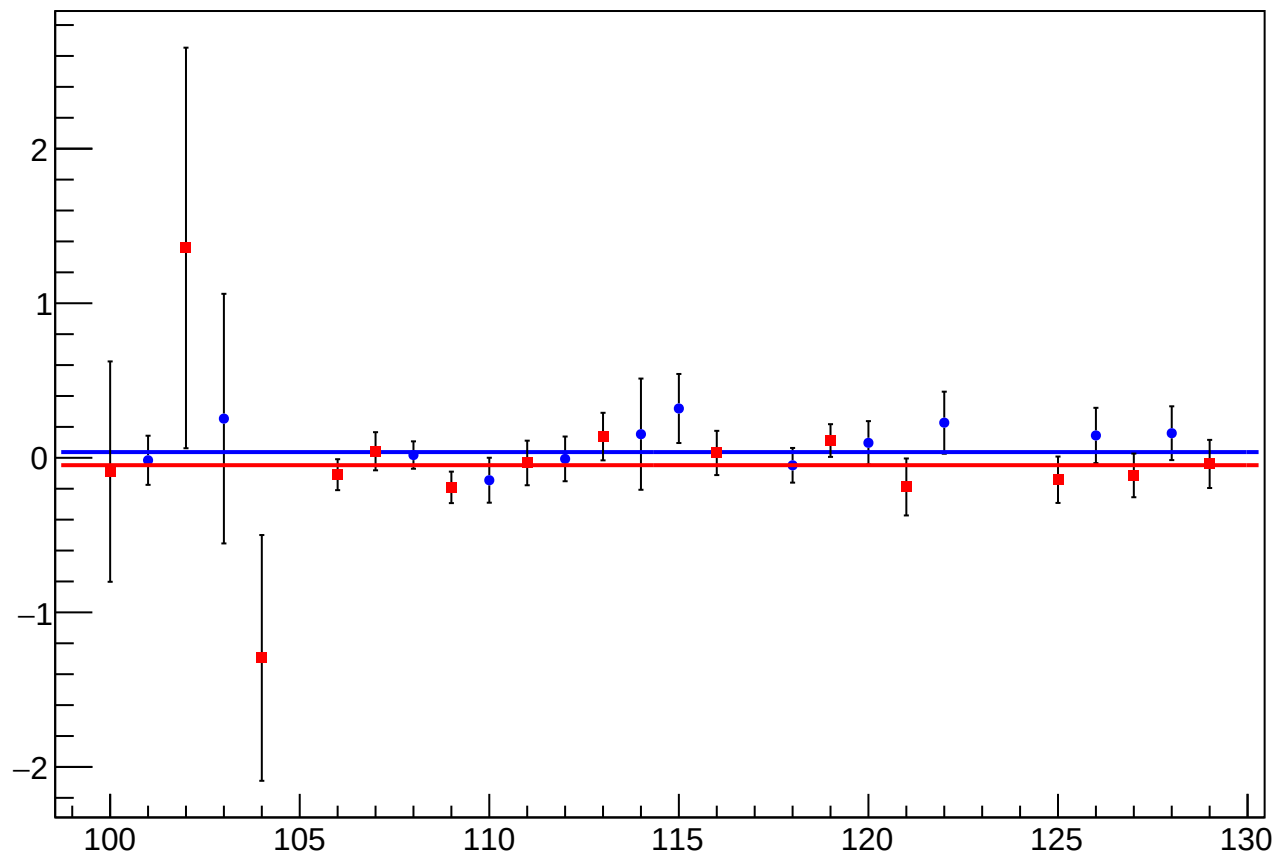
Right: 0.008+/-0.000 χ^2/NDF : 2194240.0/25

In: 0.008+/-0.000 χ^2/NDF : 1260642.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 2194240.0/25

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_slug, Sign Corrected



Right In: 0.037 ± 0.044 χ^2/NDF : 6.1/11

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

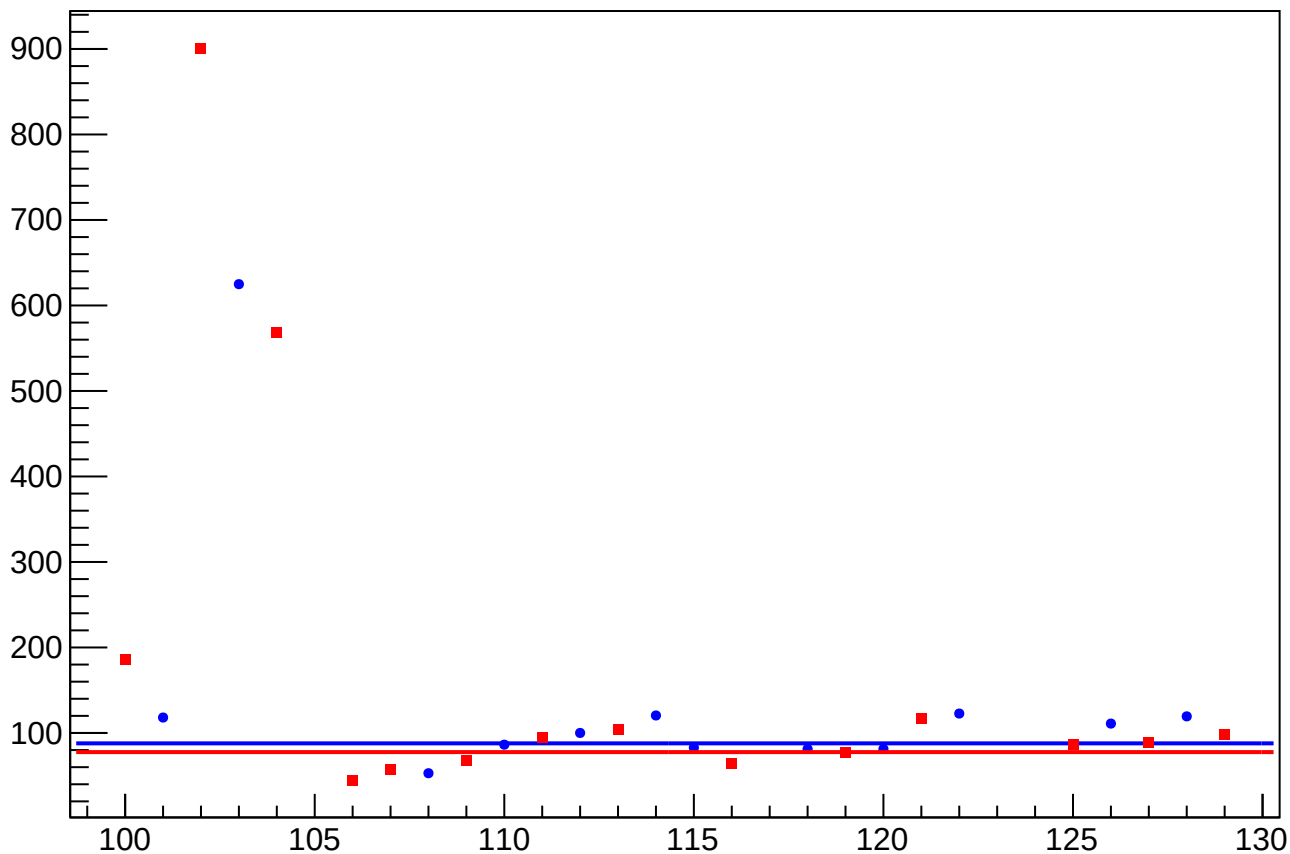
Right: -0.011 ± 0.029 χ^2/NDF : 19.9/25

In: 0.037 ± 0.044 χ^2/NDF : 6.1/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.029 χ^2/NDF : 19.9/25

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 87.853+/-0.031 χ^2/NDF : 1470722.3/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

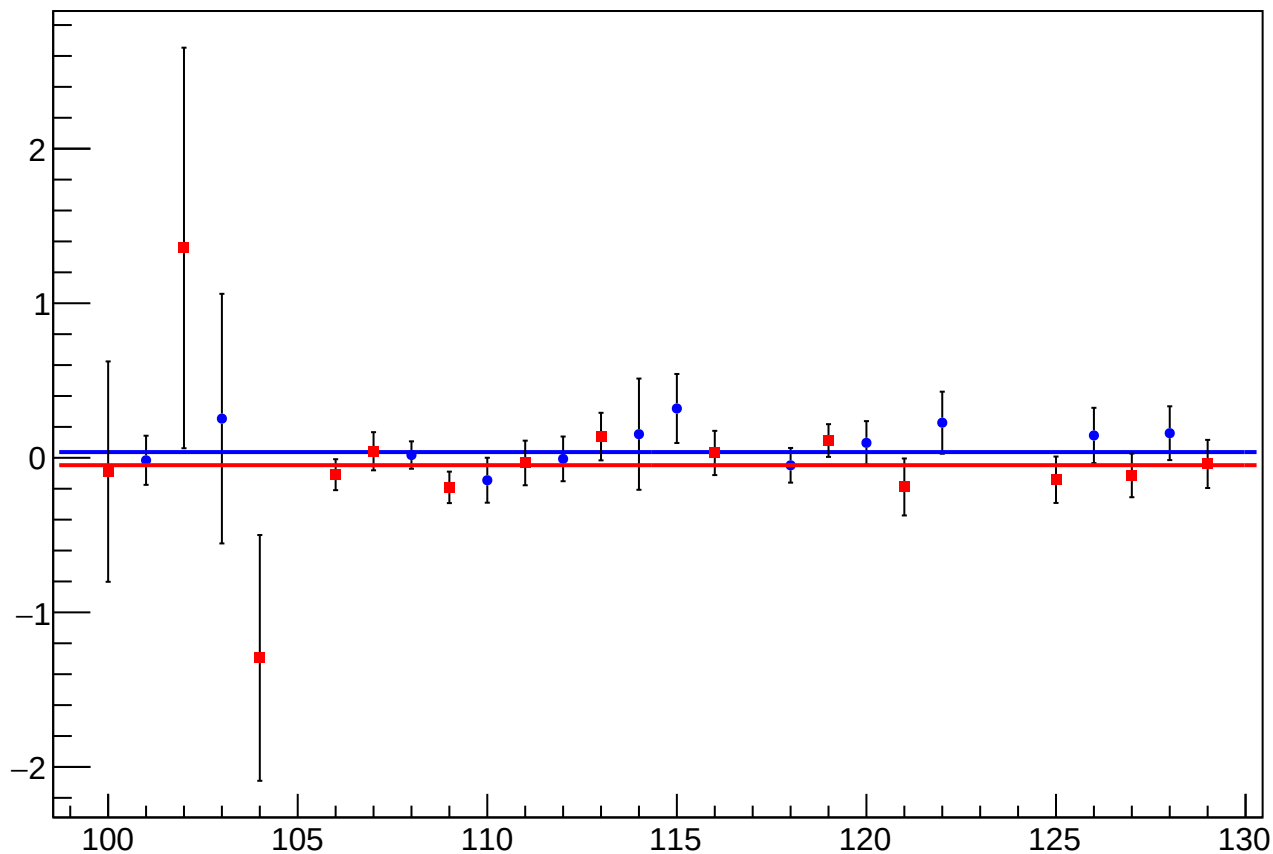
Right: 82.087+/-0.021 χ^2/NDF : 3698729.5/25

In: 87.853+/-0.031 χ^2/NDF :1470722.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 82.087+/-0.021 χ^2/NDF : 3698729.5/25

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.037 $\pm$ 0.044 χ^2/NDF : 6.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.048 $\pm$ 0.039 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

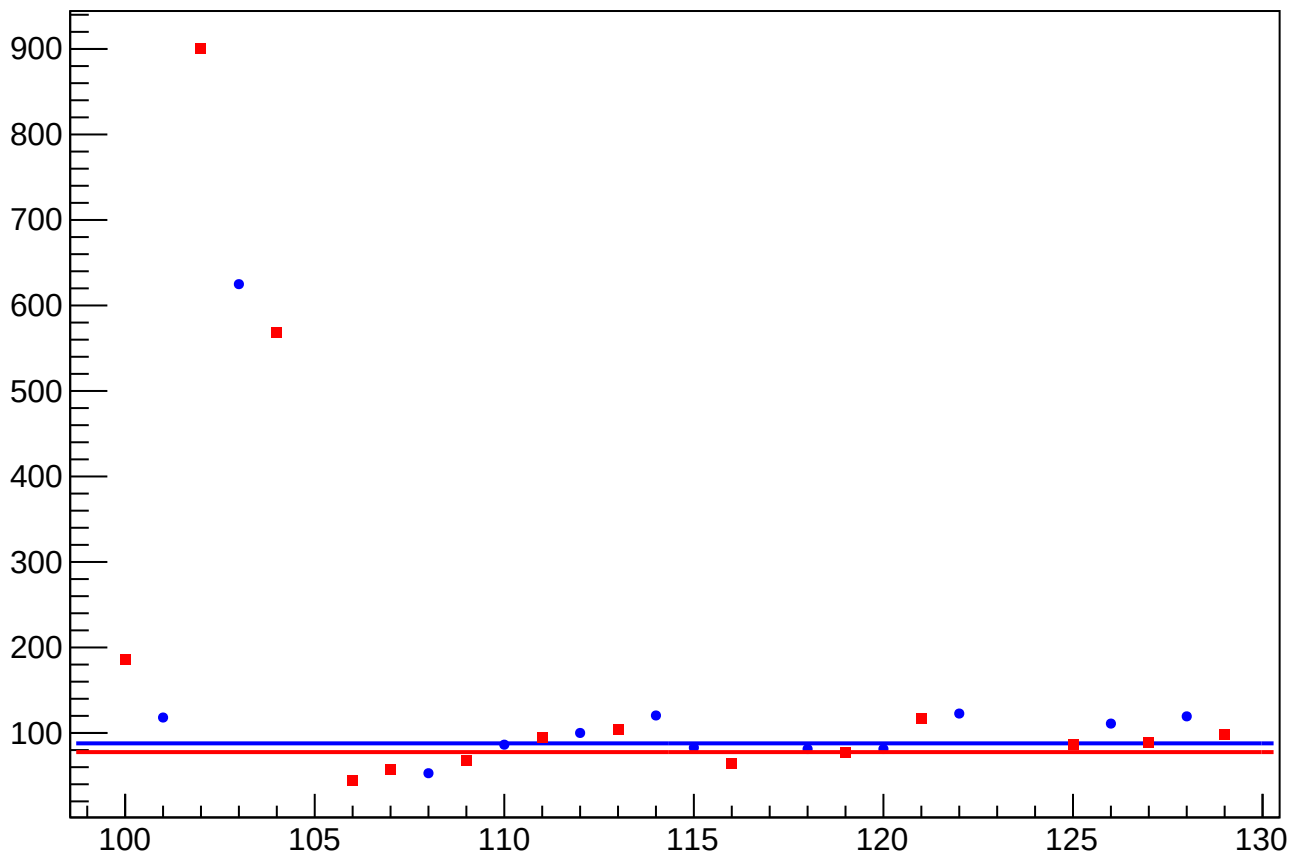
Right: -0.011 $\pm$ 0.029 χ^2/NDF : 19.9/25

In: 0.037 $\pm$ 0.044 χ^2/NDF : 6.1/11

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.011 $\pm$ 0.029 χ^2/NDF : 19.9/25

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 87.853+/-0.031 χ^2/NDF : 1470722.3/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

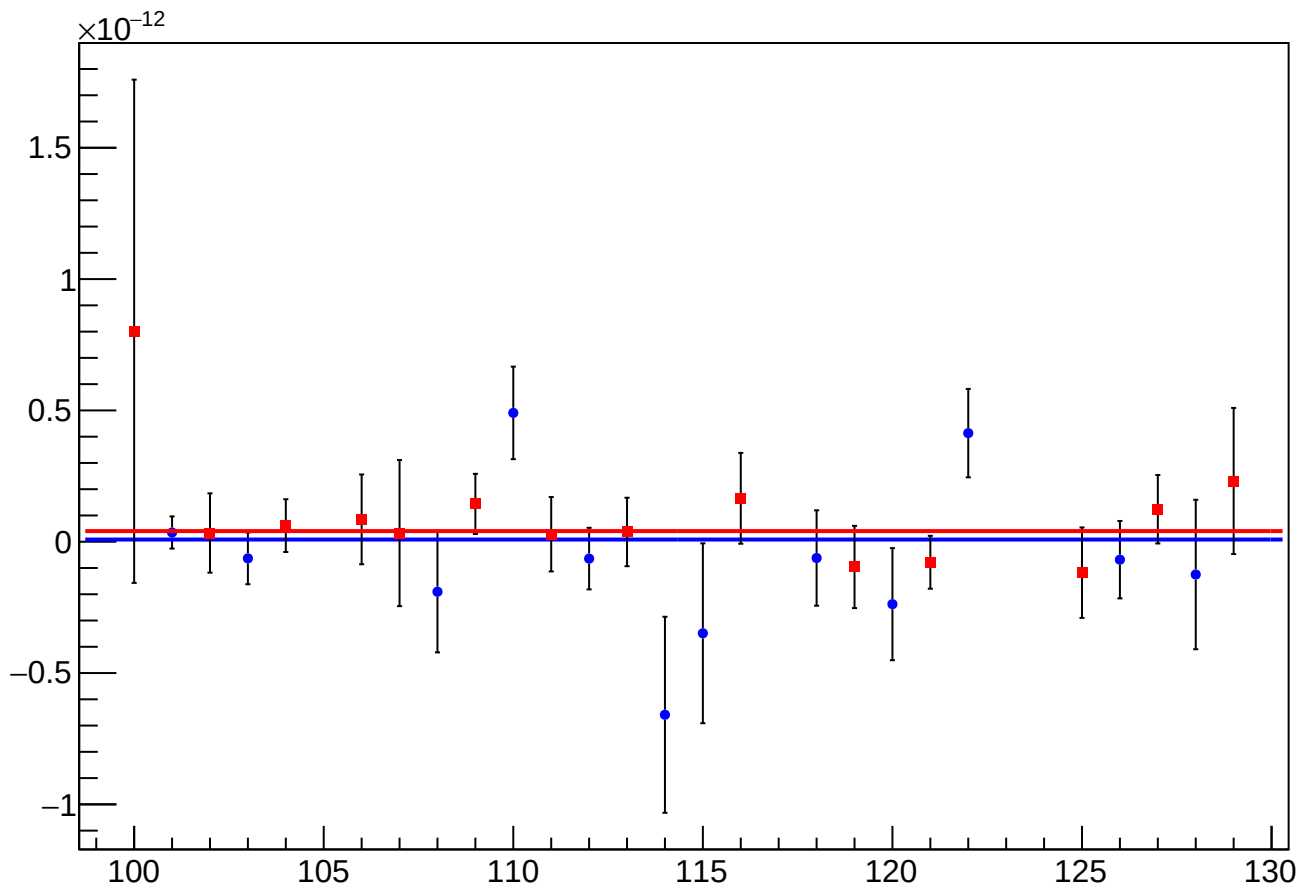
Right: 82.087+/-0.021 χ^2/NDF : 3698729.5/25

In: 87.853+/-0.031 χ^2/NDF :1470722.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 82.087+/-0.021 χ^2/NDF : 3698729.5/25

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 : 21.4/11

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

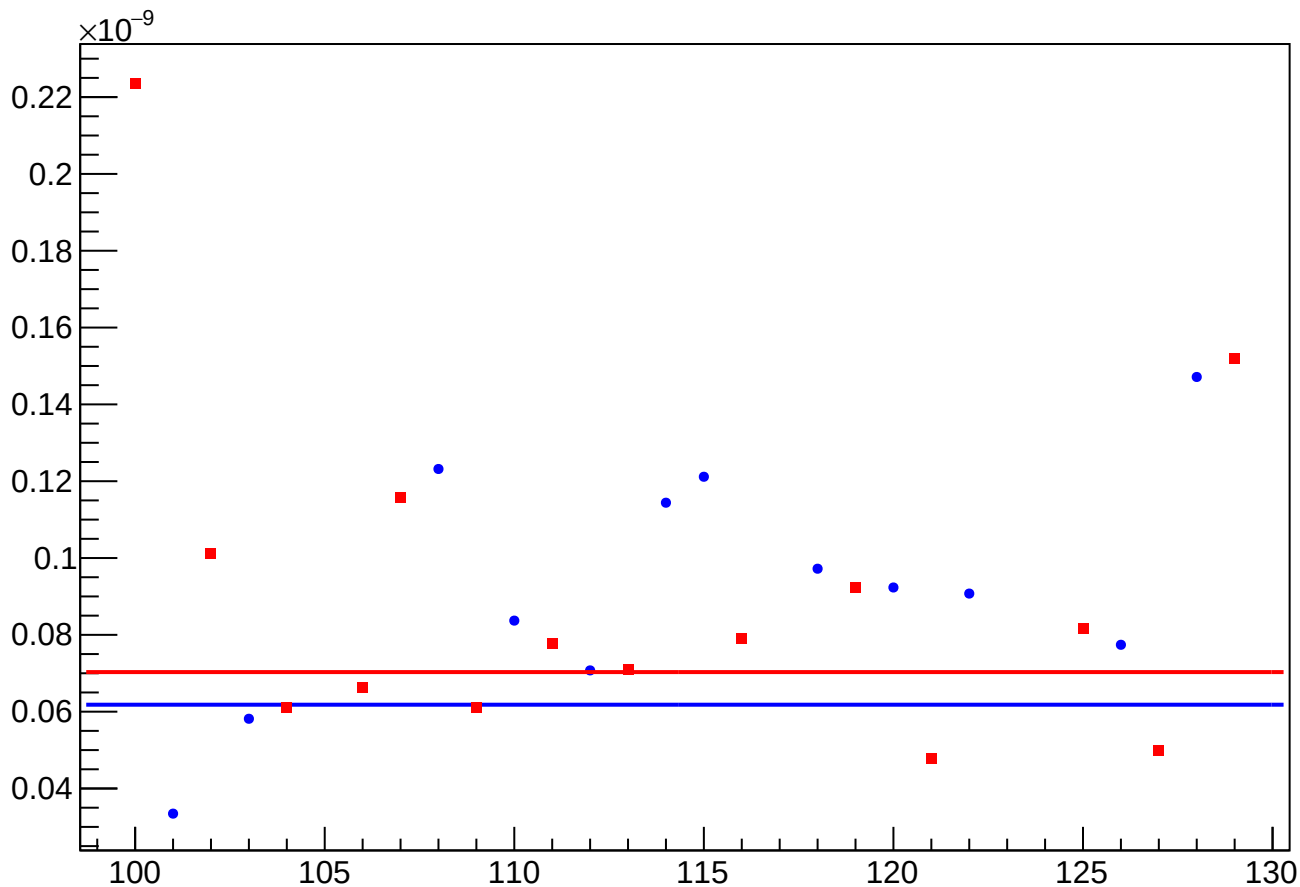
Right: 0.000+/-0.000 χ^2/NDF : 27.7/25

In: 0.000+/-0.000 χ^2/NDF : 21.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.7/25

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 : 1092769.7/11

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

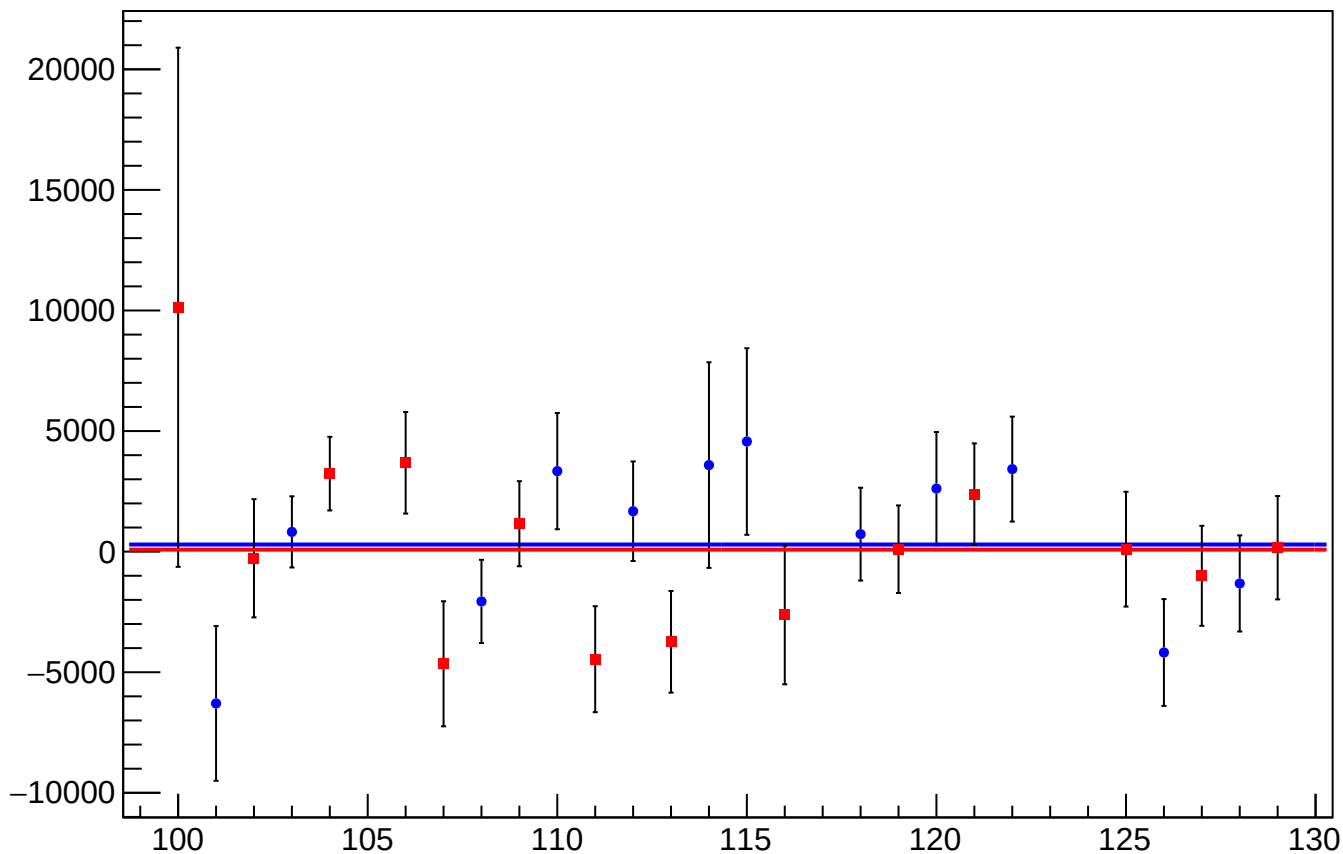
Right: 0.000+/-0.000 χ^2/NDF : 1737900.5/25

In: 0.000+/-0.000 χ^2/NDF : 1092769.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1737900.5/25

reg_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 295.413+/-627.471 χ^2/NDF : 17.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.953+/-576.463 χ^2/NDF : 21.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

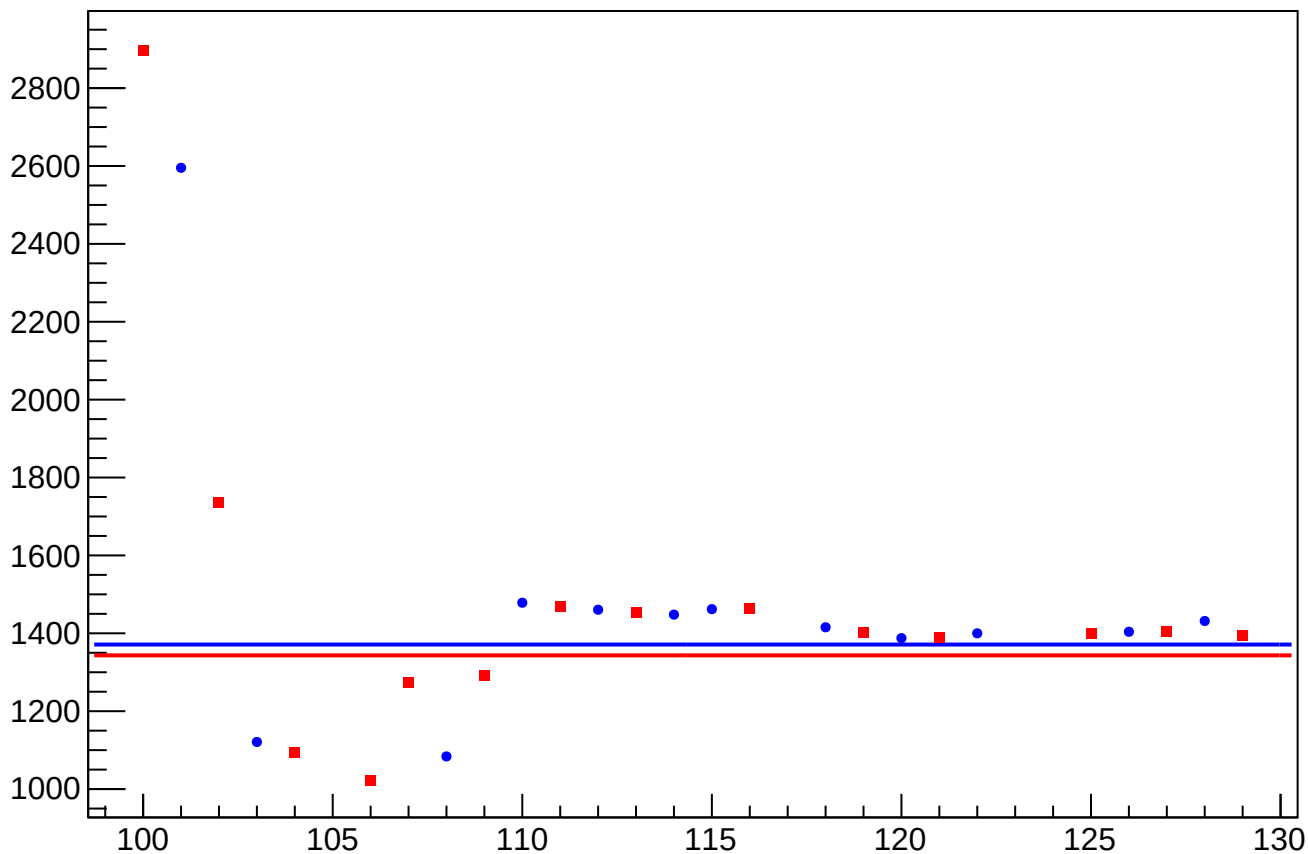
Right: 180.198+/-424.510 χ^2/NDF : 39.7/25

In: 295.413+/-627.471 χ^2/NDF : 17.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.198+/-424.510 χ^2/NDF : 39.7/25

reg_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1371.159+/-0.444 χ^2/NDF : 417454.2/11

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

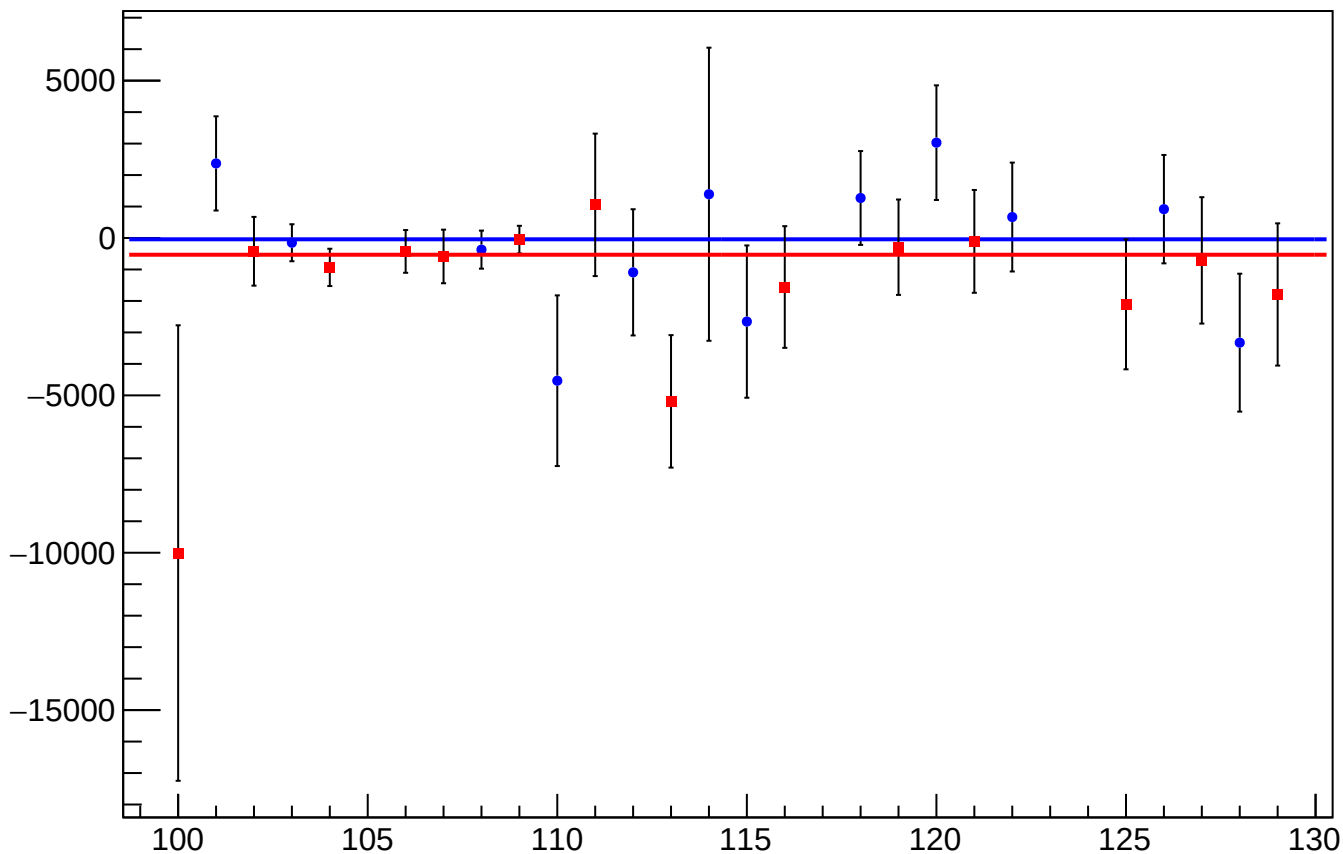
Right: 1356.102+/-0.300 χ^2/NDF : 637950.0/25

In: 1371.159+/-0.444 χ^2/NDF : 417454.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1356.102+/-0.300 χ^2/NDF : 637950.0/25

asym_us_dd_at2lr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -41.076 ± 346.982 χ^2/NDF : 13.5/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

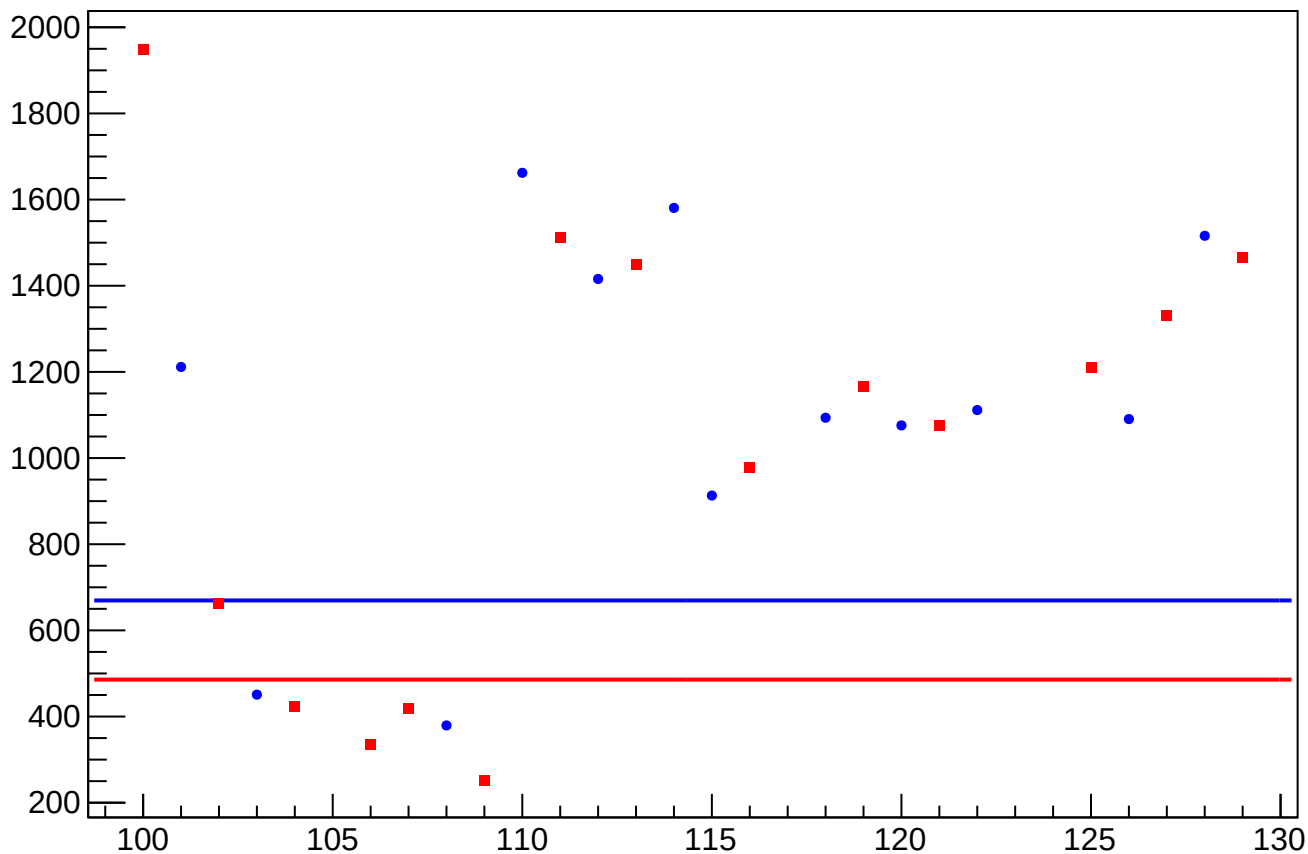
Right: -353.937 ± 208.828 χ^2/NDF : 24.9/25

In: -41.076 ± 346.982 χ^2/NDF : 13.5/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -353.937 ± 208.828 χ^2/NDF : 24.9/25

asym_us_dd_at2lr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 669.459+/-0.245 χ^2/NDF : 2451222.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

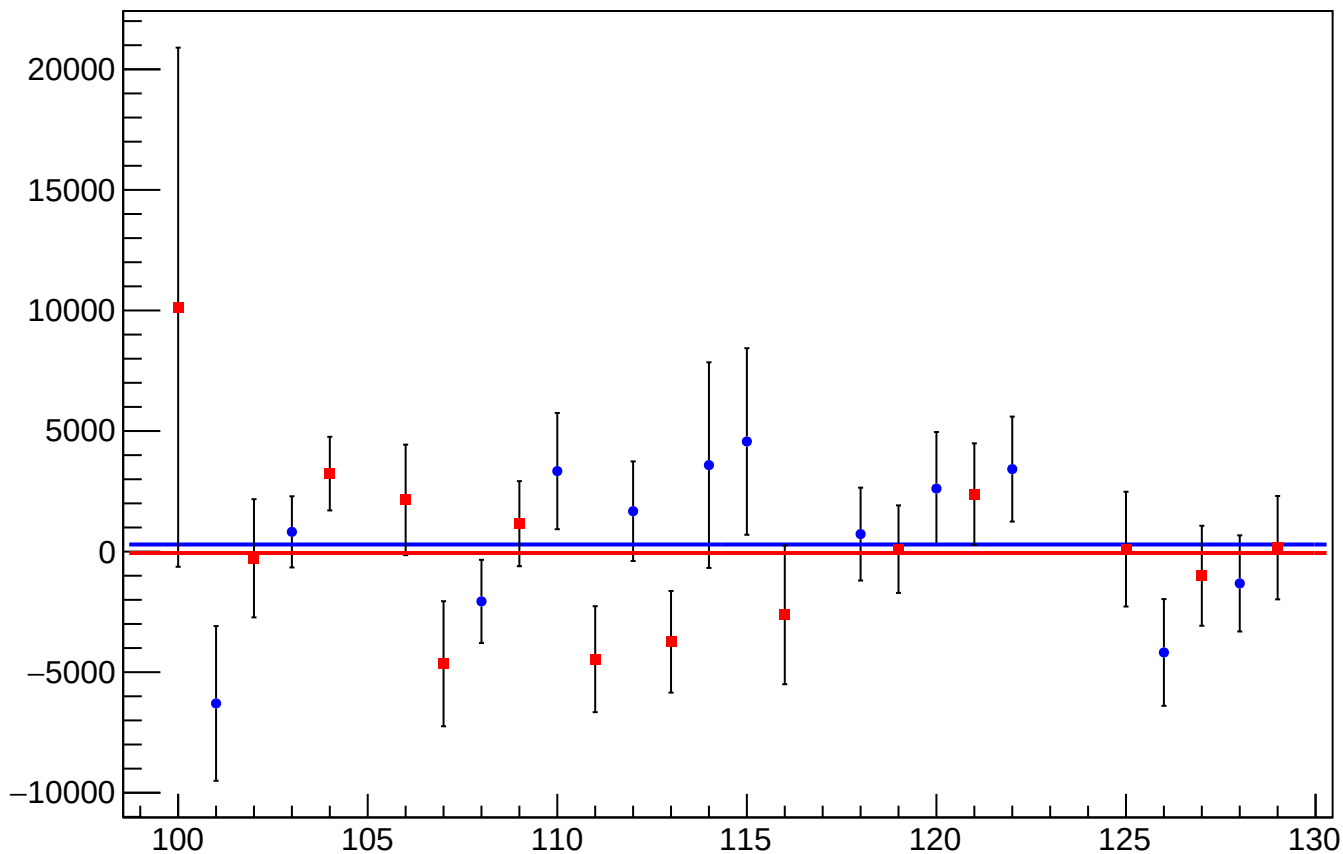
Right: 552.286+/-0.148 χ^2/NDF : 6250318.3/25

In: 669.459+/-0.245 χ^2/NDF : 2451222.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 552.286+/-0.148 χ^2/NDF : 6250318.3/25

cor_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 295.253+/-627.471 χ^2/NDF : 17.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

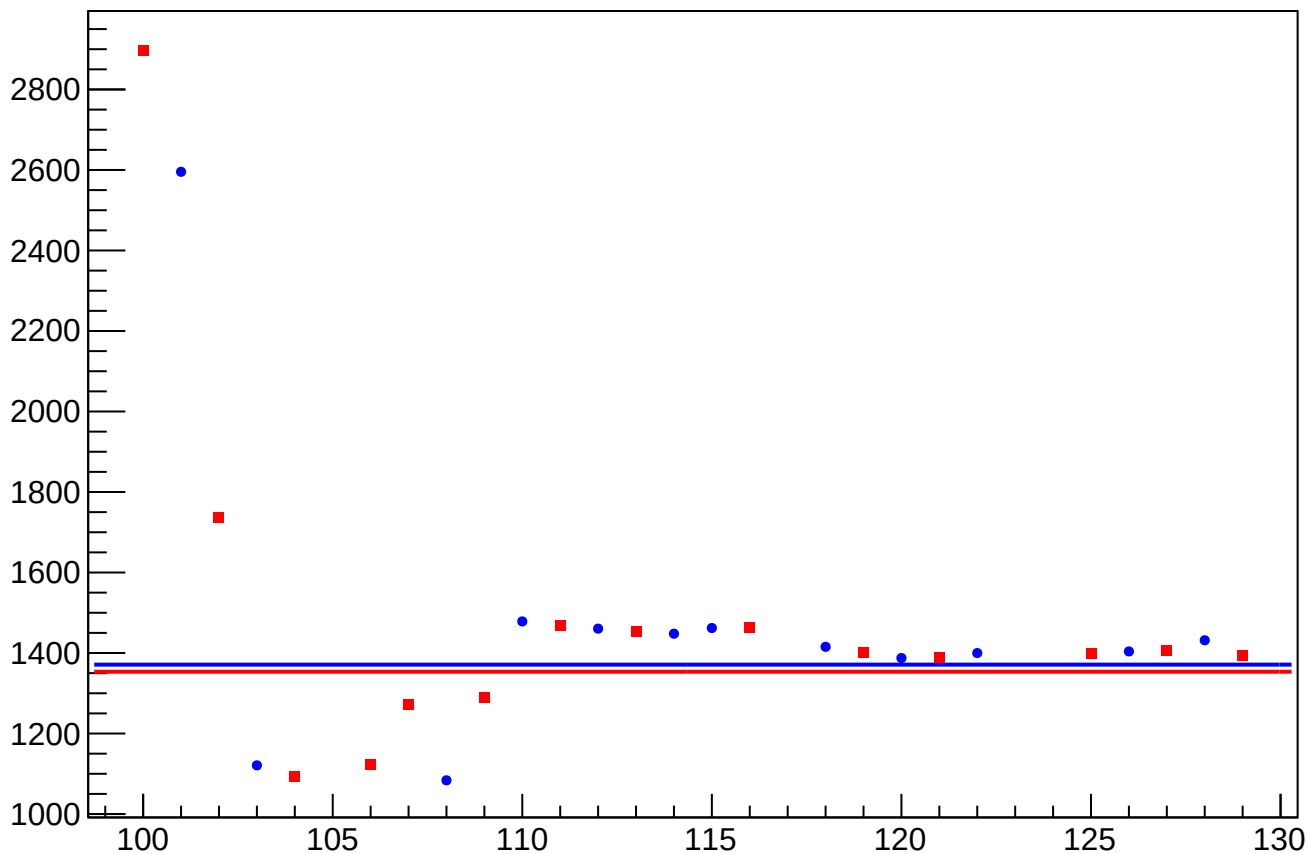
Right: 104.617+/-425.851 χ^2/NDF : 37.6/25

In: 295.253+/-627.471 χ^2/NDF : 17.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.617+/-425.851 χ^2/NDF : 37.6/25

cor_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1371.159+/-0.444 χ^2/NDF : 417454.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

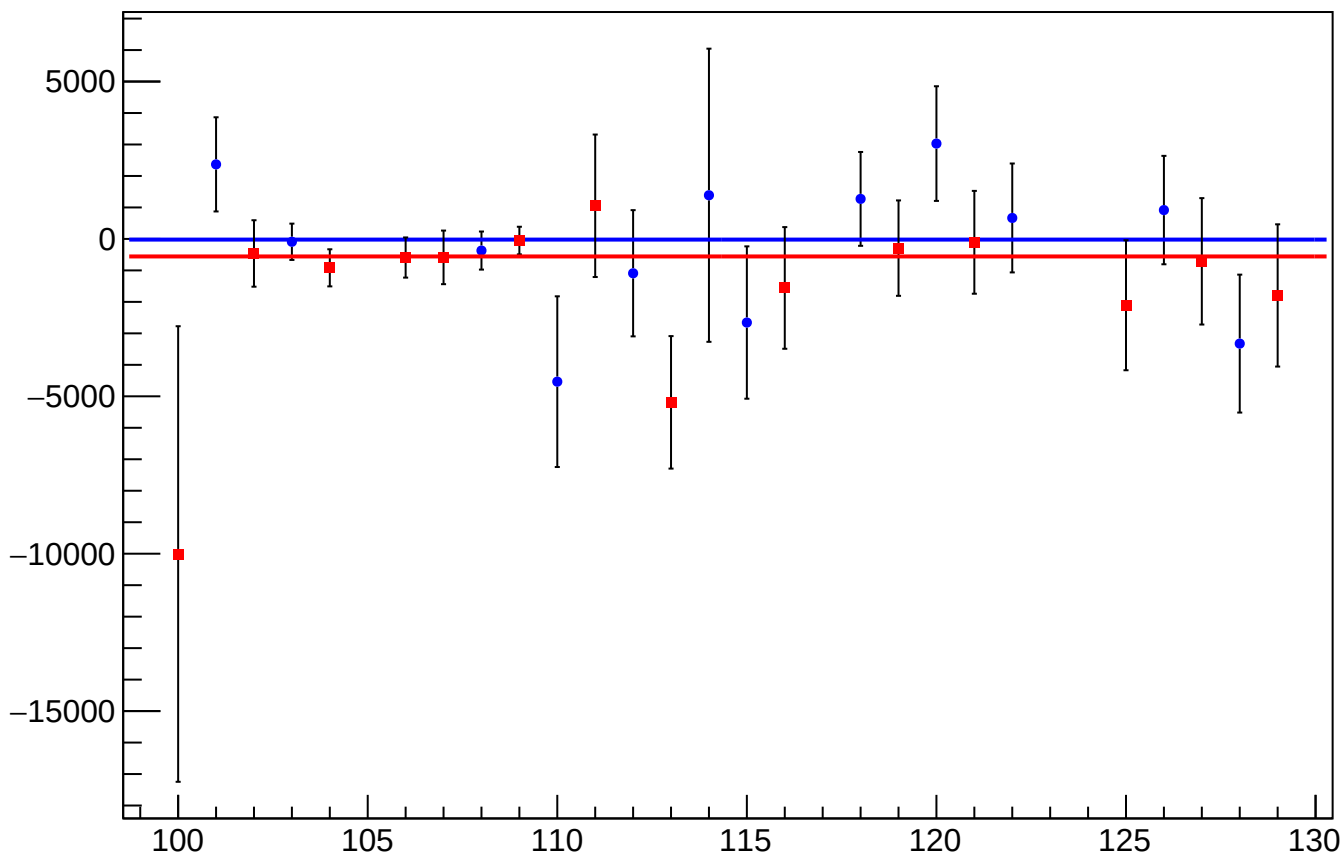
Right: 1361.641+/-0.301 χ^2/NDF : 608388.5/25

In: 1371.159+/-0.444 χ^2/NDF : 417454.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1361.641+/-0.301 χ^2/NDF : 608388.5/25

asym_us_dd_at2lr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -21.236+/-344.641 χ^2/NDF : 13.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

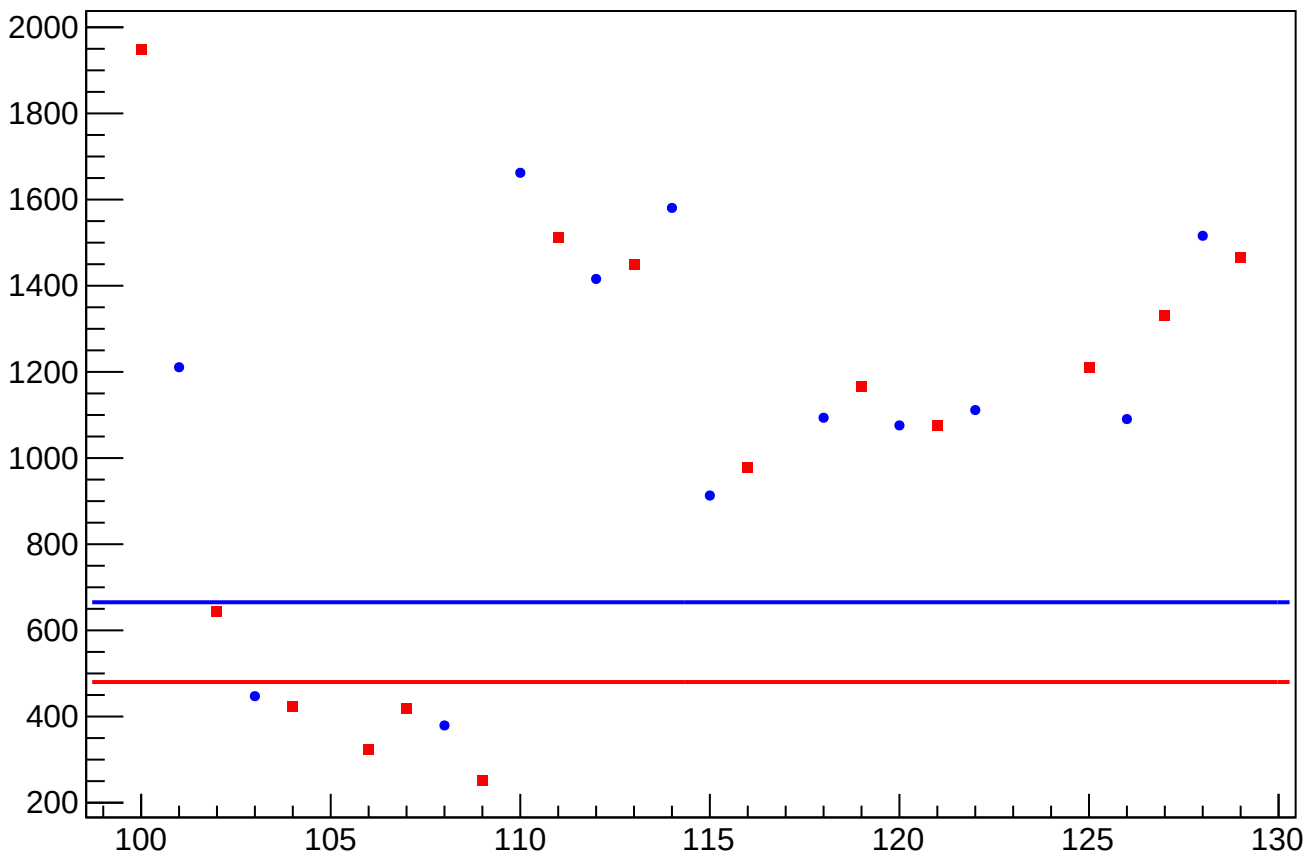
Right: -364.257+/-206.617 χ^2/NDF : 25.1/25

In: -21.236+/-344.641 χ^2/NDF : 13.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -364.257+/-206.617 χ^2/NDF : 25.1/25

asym_us_dd_at2lr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 665.240+/-0.244 χ^2/NDF : 2470869.8/11

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

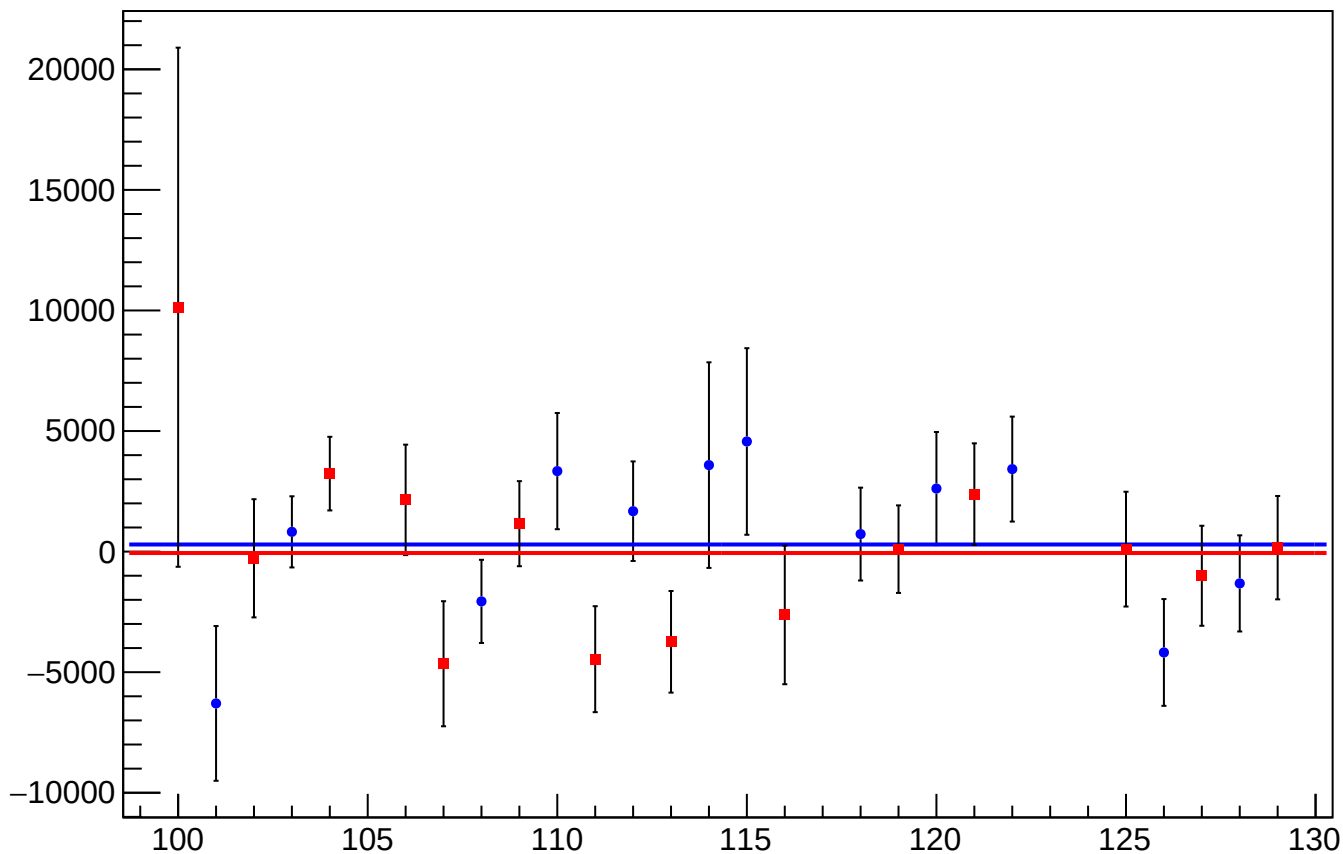
Right: 546.623+/-0.146 χ^2/NDF : 6305431.2/25

In: 665.240+/-0.244 χ^2/NDF : 2470869.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 546.623+/-0.146 χ^2/NDF : 6305431.2/25

eigen_cor_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 295.253+/-627.471 χ^2/NDF : 17.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

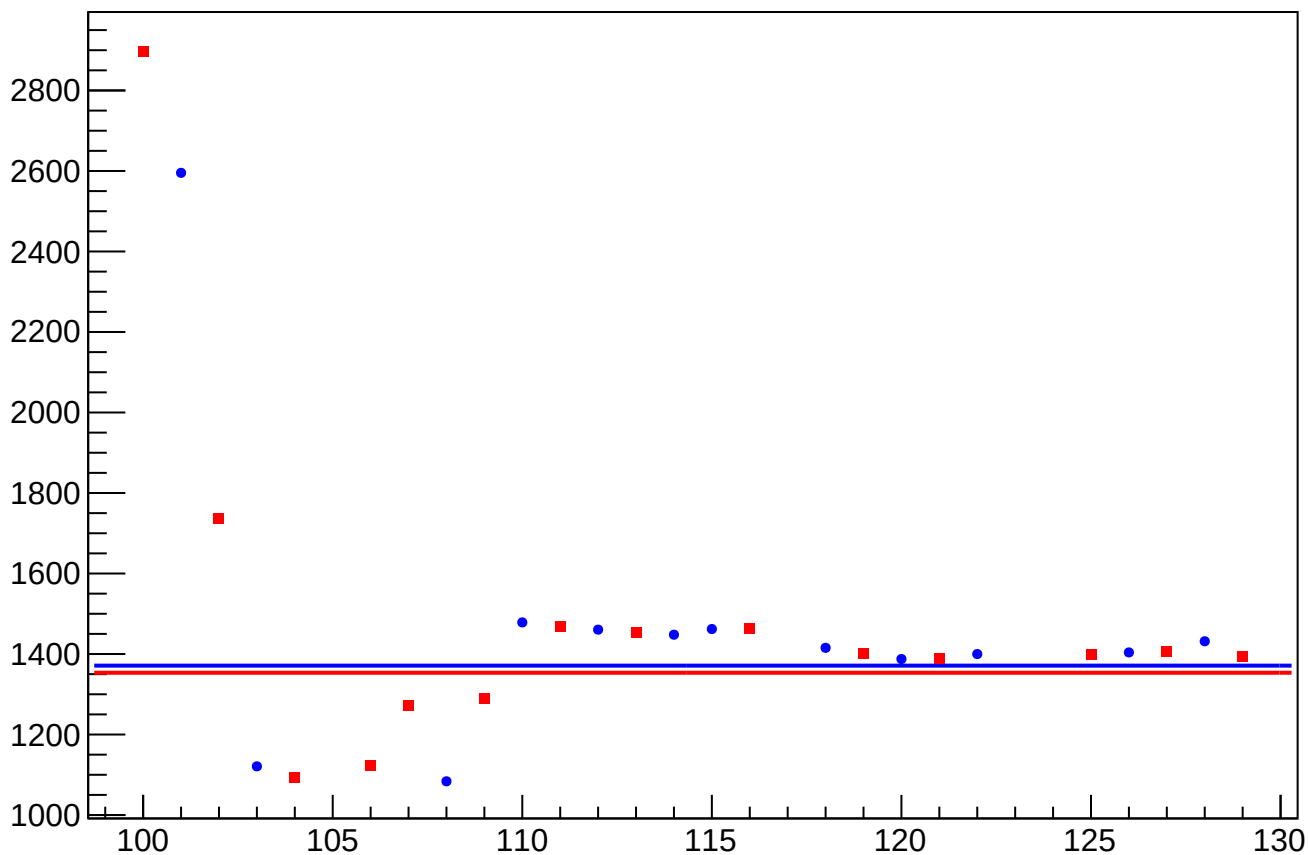
Right: 104.617+/-425.851 χ^2/NDF : 37.6/25

In: 295.253+/-627.471 χ^2/NDF : 17.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.617+/-425.851 χ^2/NDF : 37.6/25

eigen_cor_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1371.159+/-0.444 χ^2/NDF : 417454.3/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

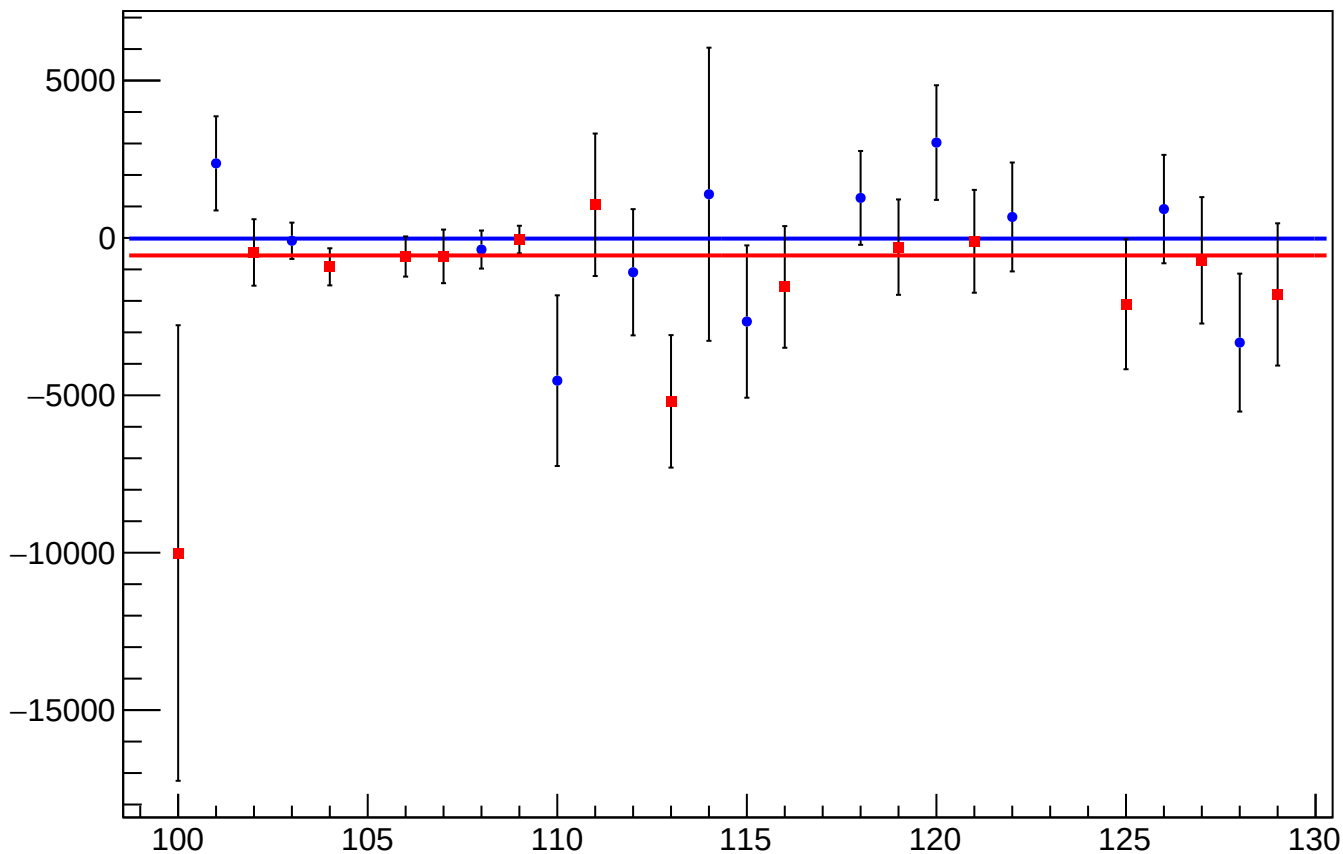
Right: 1361.641+/-0.301 χ^2/NDF : 608388.5/25

In: 1371.159+/-0.444 χ^2/NDF :417454.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1361.641+/-0.301 χ^2/NDF : 608388.5/25

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -21.236 ± 344.641 χ^2/NDF : 13.5/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

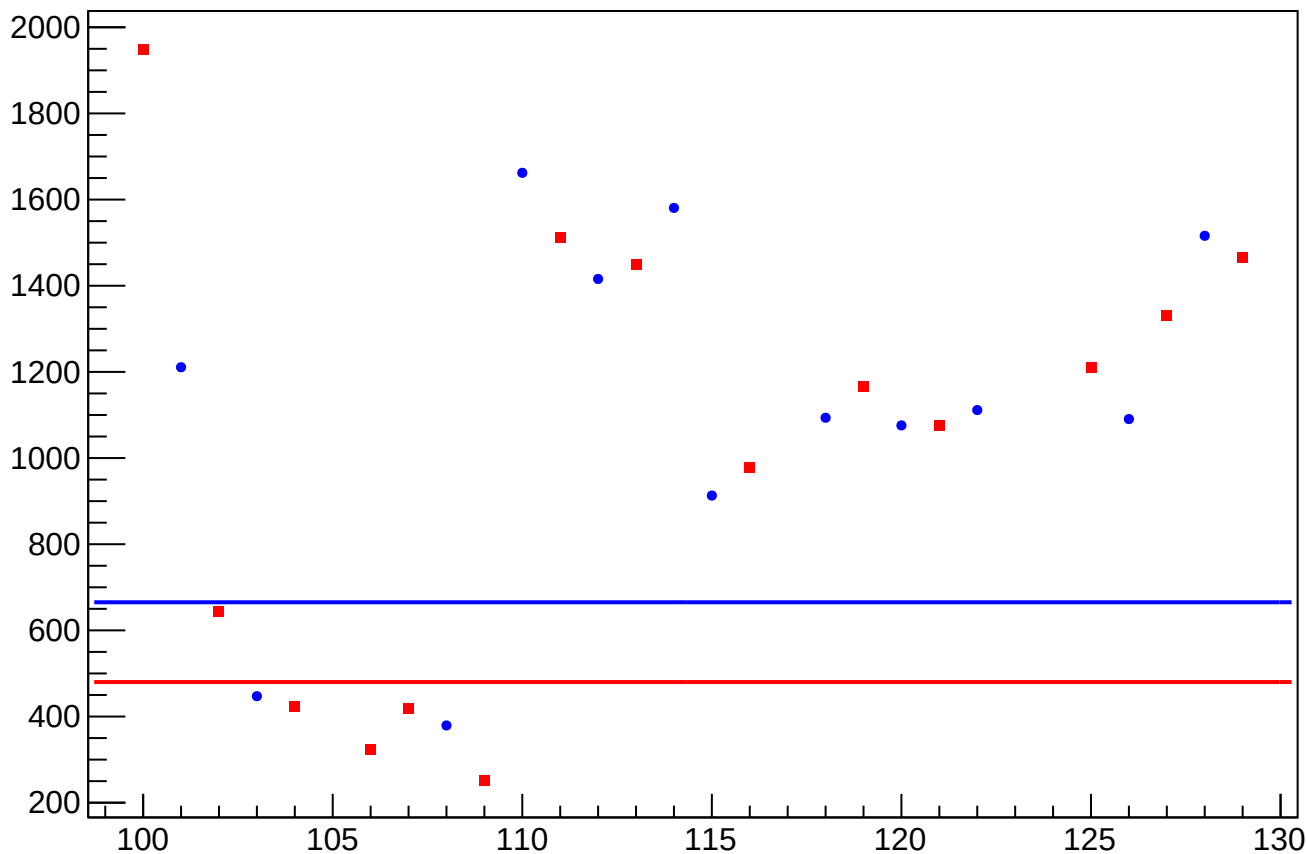
Right: -364.257 ± 206.617 χ^2/NDF : 25.1/25

In: -21.236 ± 344.641 χ^2/NDF : 13.5/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -364.257 ± 206.617 χ^2/NDF : 25.1/25

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 665.240+/-0.244 χ^2/NDF : 2470869.8/11

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

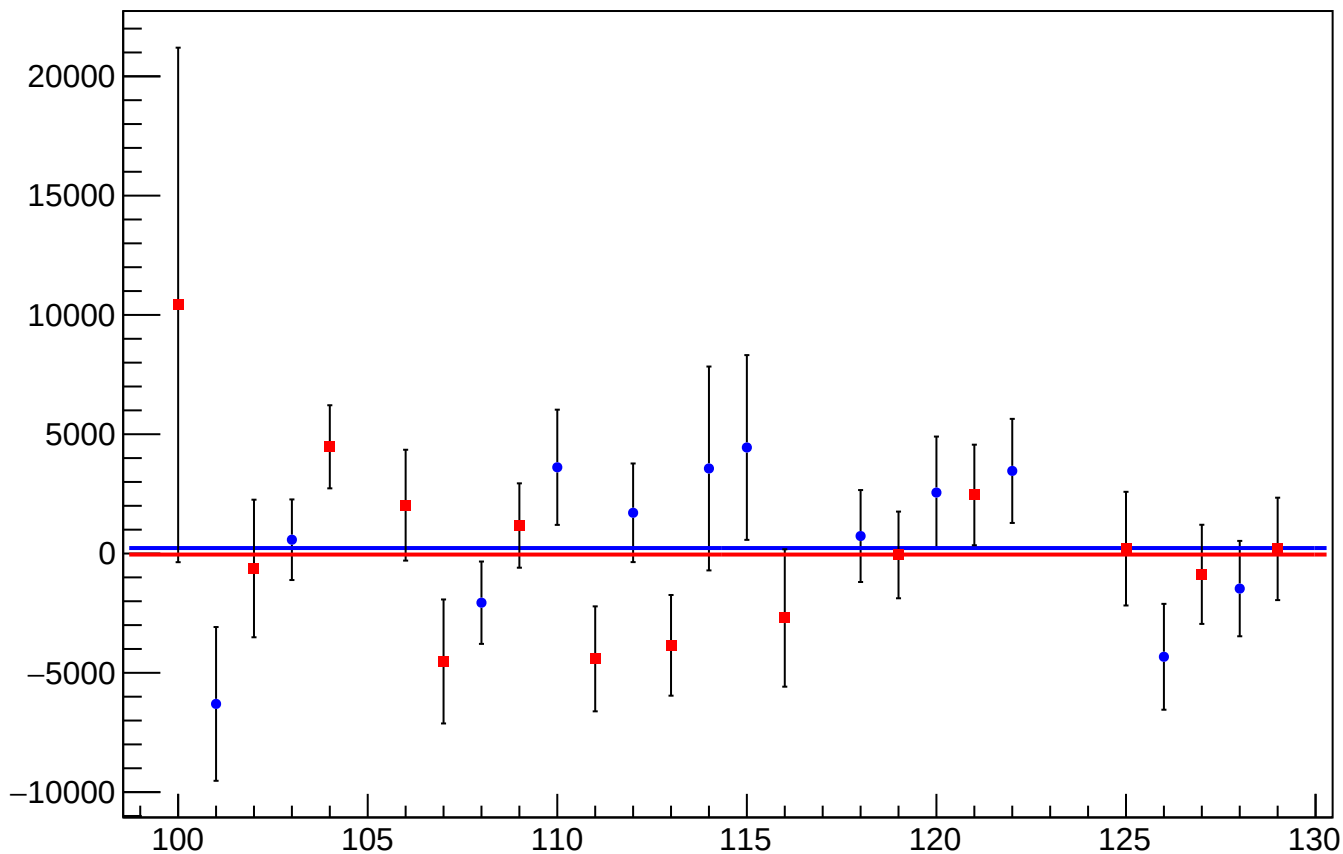
Right: 546.623+/-0.146 χ^2/NDF : 6305431.2/25

In: 665.240+/-0.244 χ^2/NDF : 2470869.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 546.623+/-0.146 χ^2/NDF : 6305431.2/25

dit_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 229.859+/-642.258 χ^2/NDF : 18.4/11

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

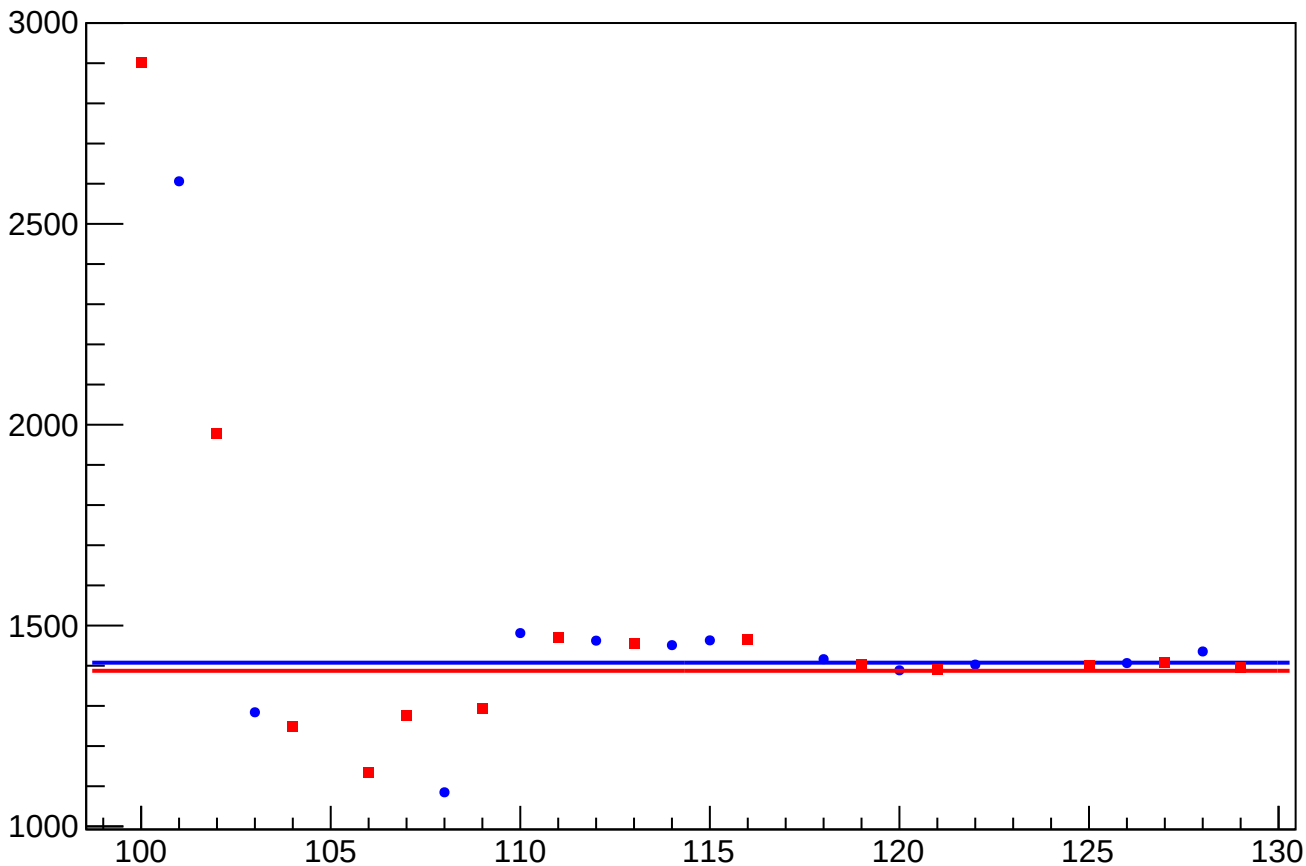
Right: 83.163+/-436.800 χ^2/NDF : 40.1/25

In: 229.859+/-642.258 χ^2/NDF : 18.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.163+/-436.800 χ^2/NDF : 40.1/25

dit_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1407.625+/-0.454 χ^2/NDF : 361682.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

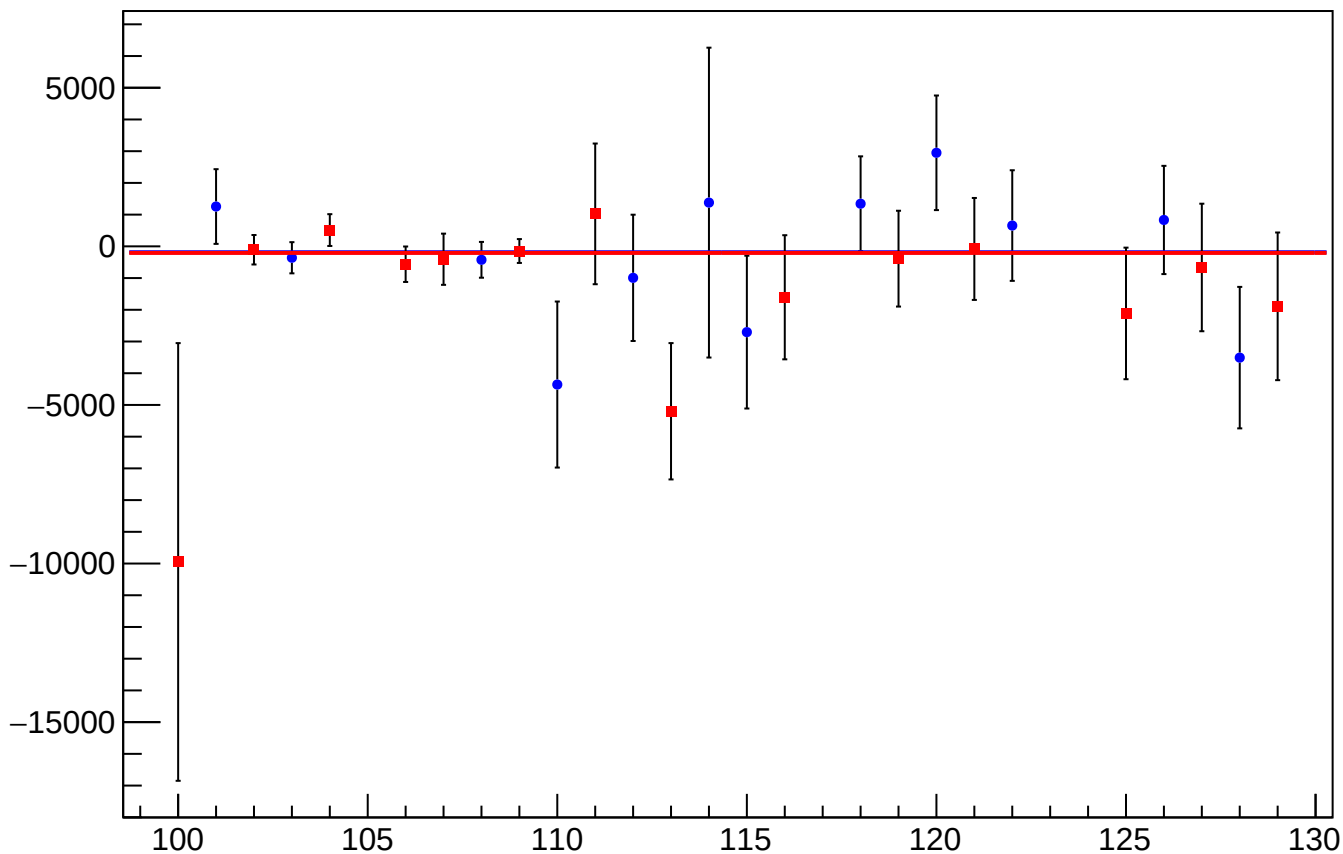
Right: 1396.757+/-0.309 χ^2/NDF : 539058.6/25

In: 1407.625+/-0.454 χ^2/NDF : 361682.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1396.757+/-0.309 χ^2/NDF : 539058.6/25

asym_us_dd_at2lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -186.455+/-312.444 χ^2/NDF : 12.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

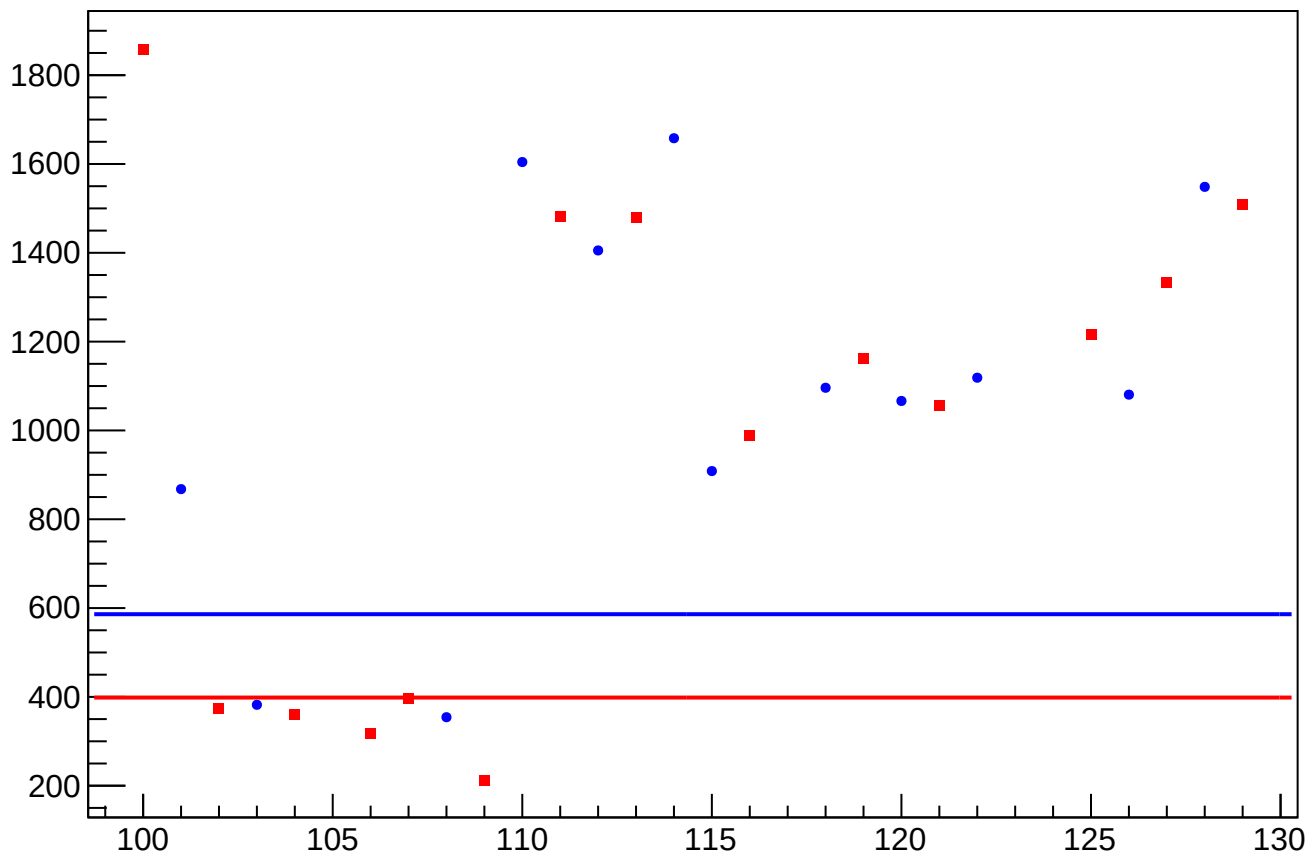
Right: -200.504+/-174.484 χ^2/NDF : 24.8/25

In: -186.455+/-312.444 χ^2/NDF :12.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -200.504+/-174.484 χ^2/NDF : 24.8/25

asym_us_dd_at2lr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 586.189+/-0.221 χ^2/NDF : 2671648.5/11

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

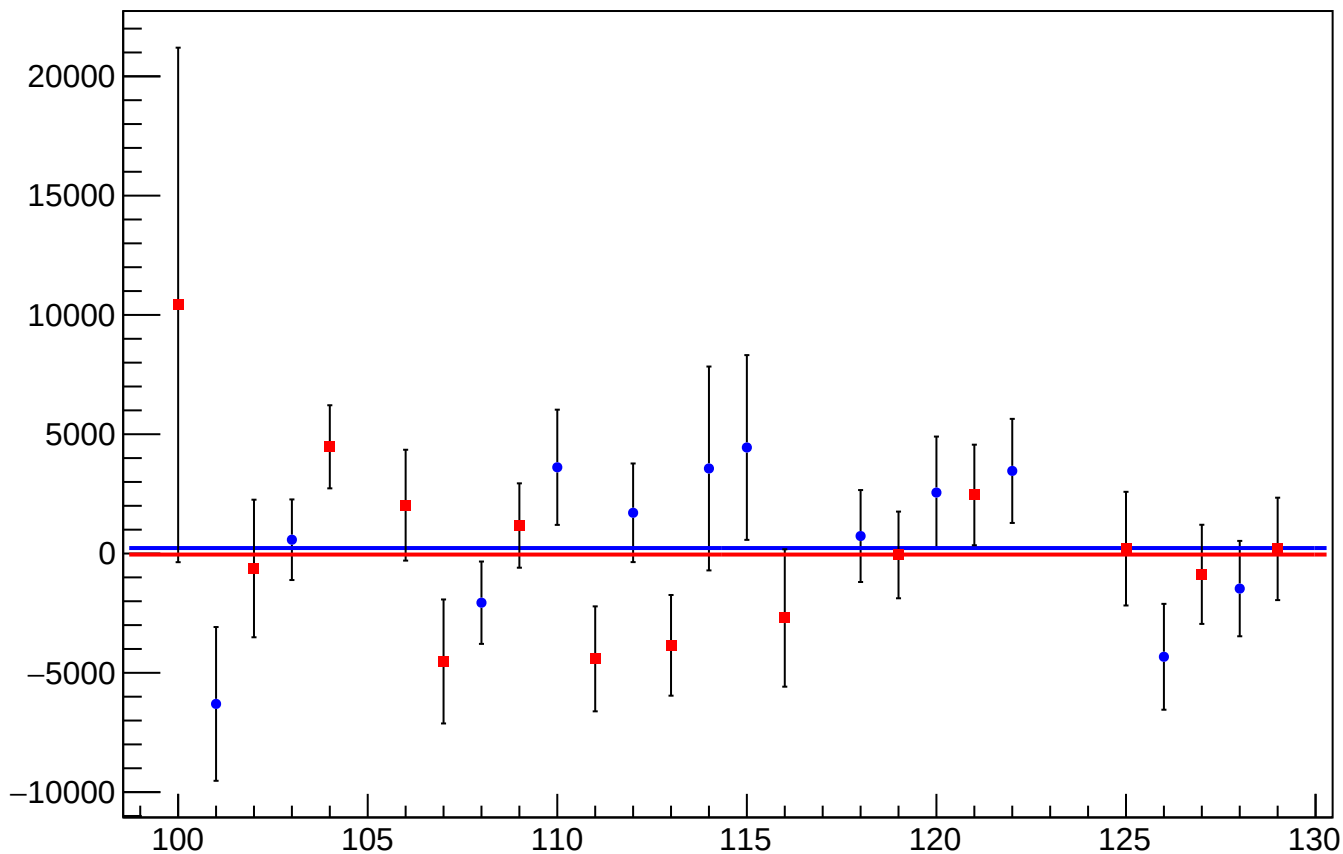
Right: 457.030+/-0.123 χ^2/NDF : 7020968.1/25

In: 586.189+/-0.221 χ^2/NDF :2671648.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 457.030+/-0.123 χ^2/NDF : 7020968.1/25

eigen_dit_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 229.854+/-642.258 χ^2/NDF : 18.4/11

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

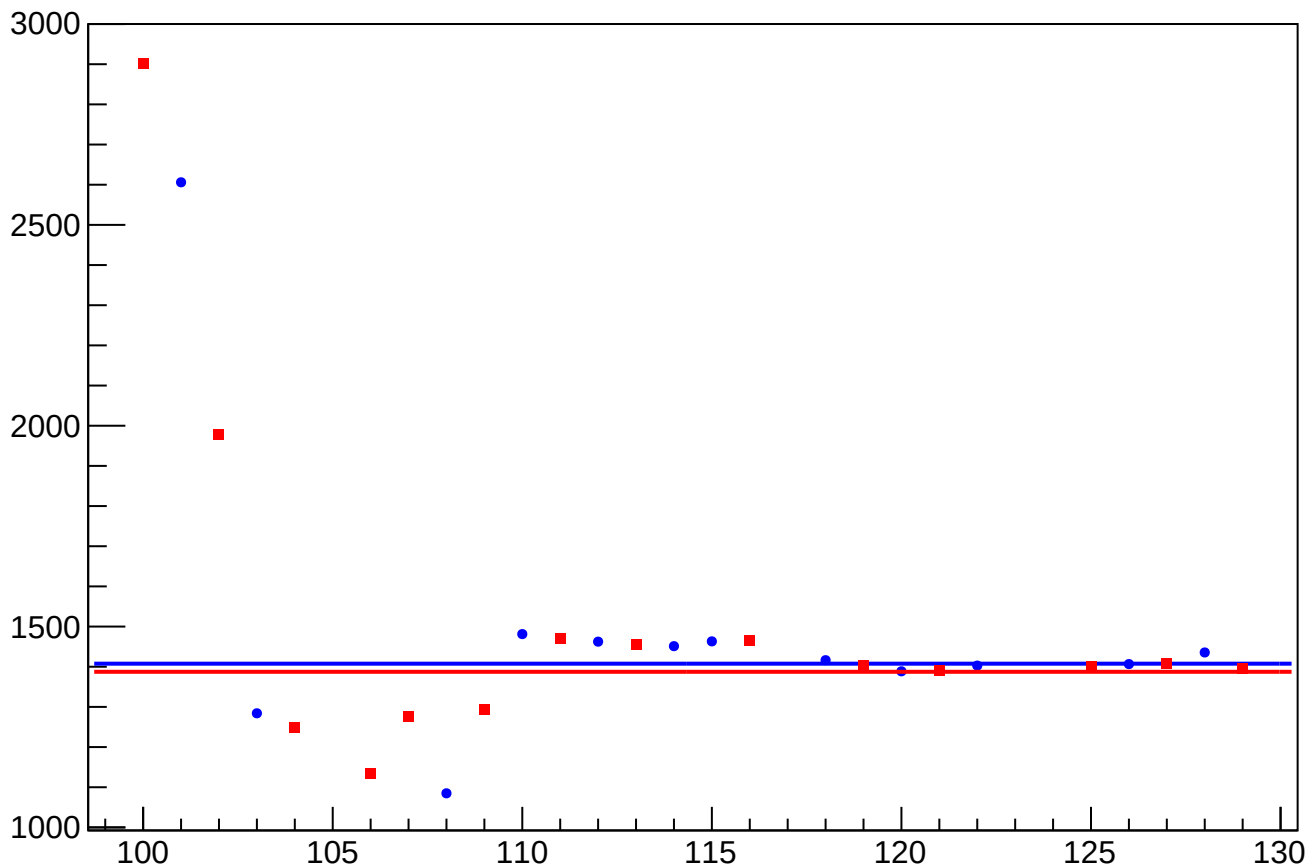
Right: 83.161+/-436.800 χ^2/NDF : 40.1/25

In: 229.854+/-642.258 χ^2/NDF : 18.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.161+/-436.800 χ^2/NDF : 40.1/25

eigen_dit_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1407.625+/-0.454 χ^2/NDF : 361682.5/11

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

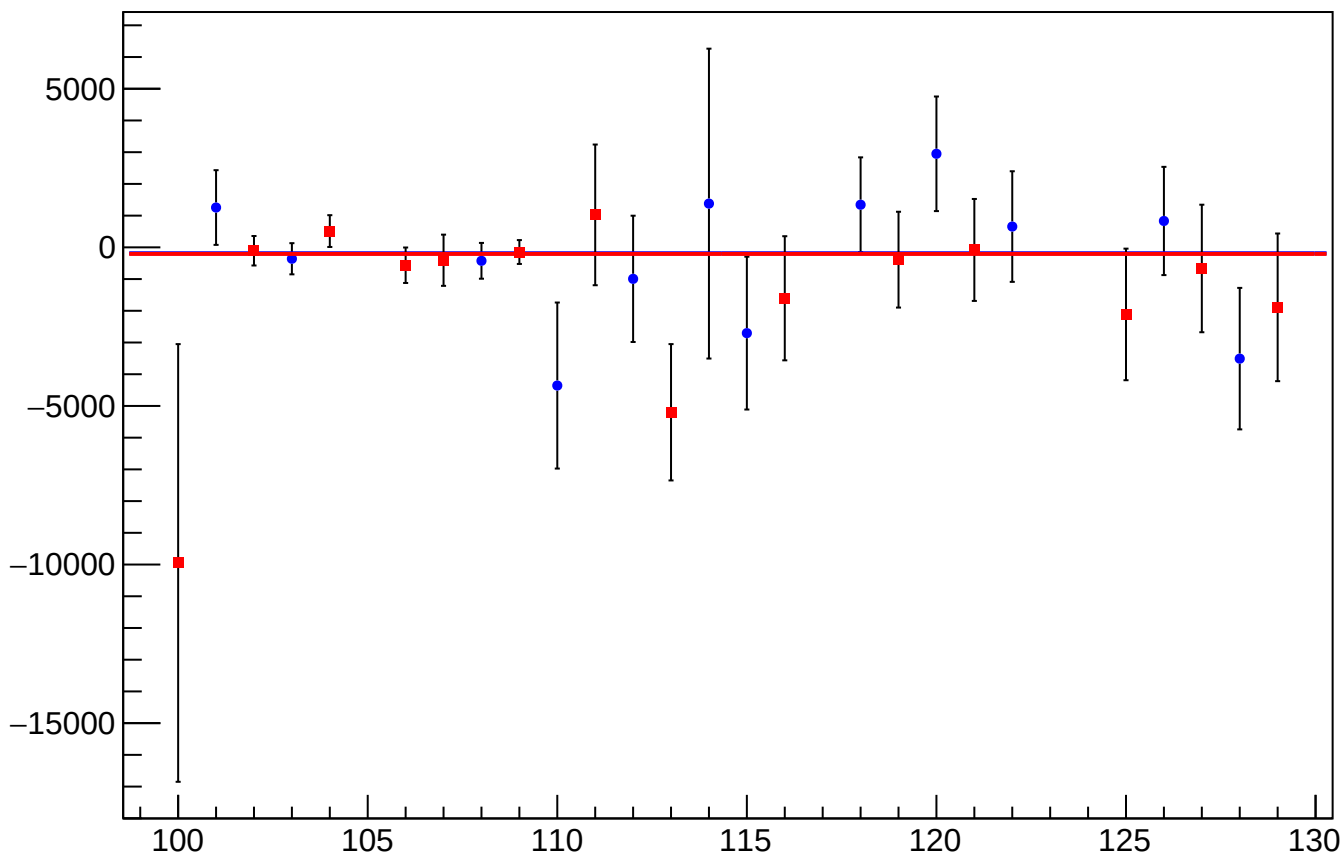
Right: 1396.757+/-0.309 χ^2/NDF : 539058.2/25

In: 1407.625+/-0.454 χ^2/NDF : 361682.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1396.757+/-0.309 χ^2/NDF : 539058.2/25

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -186.463+/-312.440 χ^2/NDF : 12.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

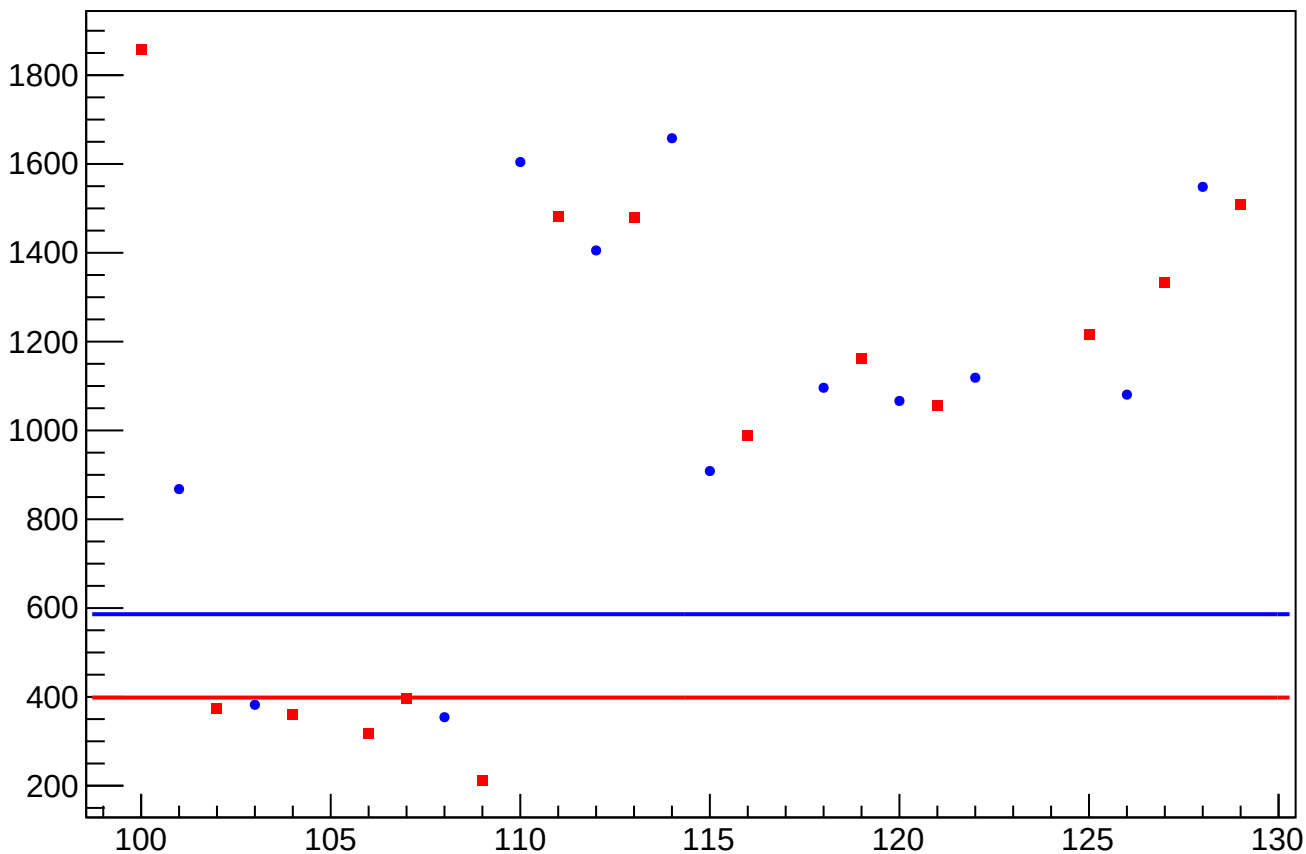
Right: -200.503+/-174.484 χ^2/NDF : 24.8/25

In: -186.463+/-312.440 χ^2/NDF :12.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -200.503+/-174.484 χ^2/NDF : 24.8/25

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 586.179+/-0.221 χ^2/NDF : 2671707.9/11

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

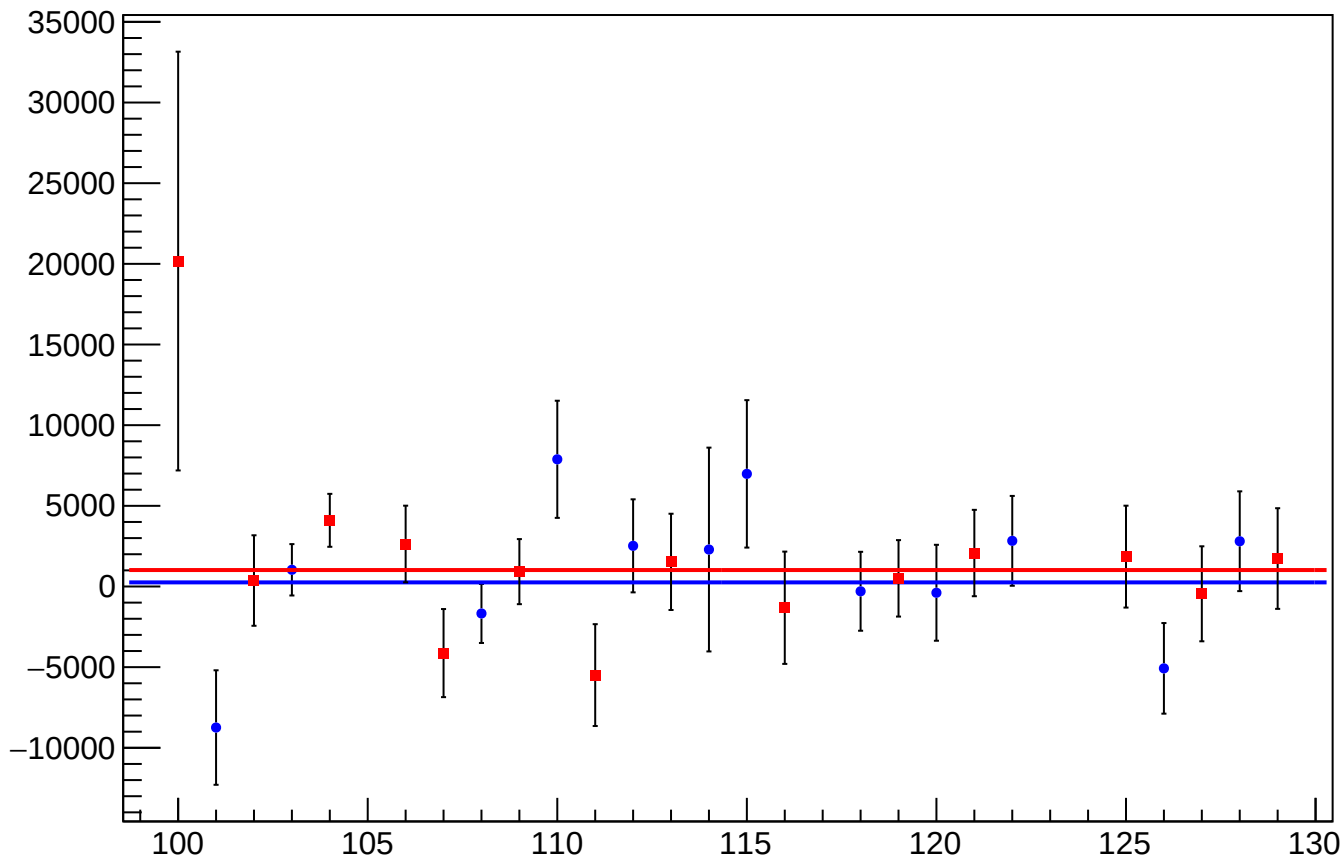
Right: 457.031+/-0.123 χ^2/NDF : 7020878.8/25

In: 586.179+/-0.221 χ^2/NDF :2671707.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 457.031+/-0.123 χ^2/NDF : 7020878.8/25

asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 254.666+/-770.983 χ^2/NDF : 20.3/11

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

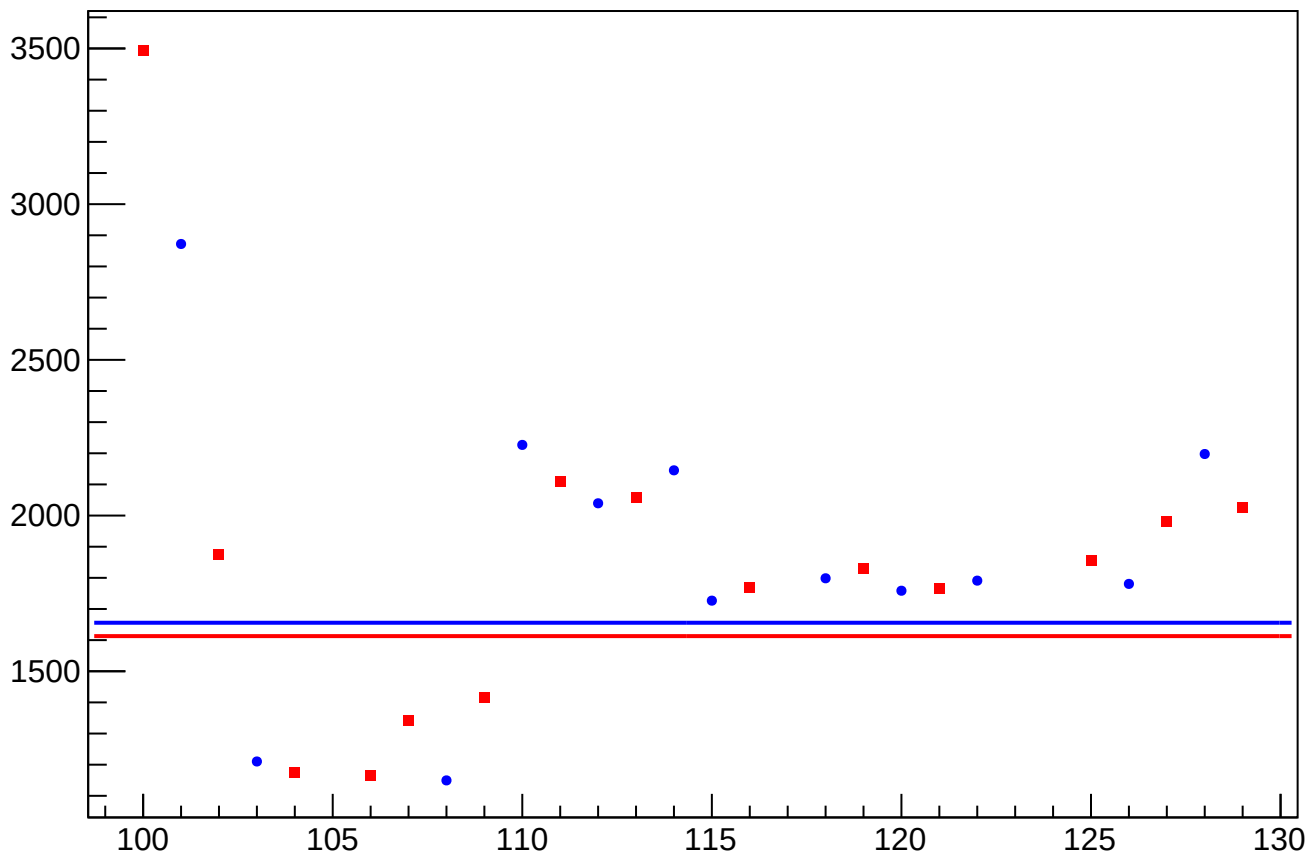
Right: 669.422+/-521.644 χ^2/NDF : 35.9/25

In: 254.666+/-770.983 χ^2/NDF :20.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 669.422+/-521.644 χ^2/NDF : 35.9/25

asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1655.802+/-0.545 χ^2/NDF : 721360.1/11

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

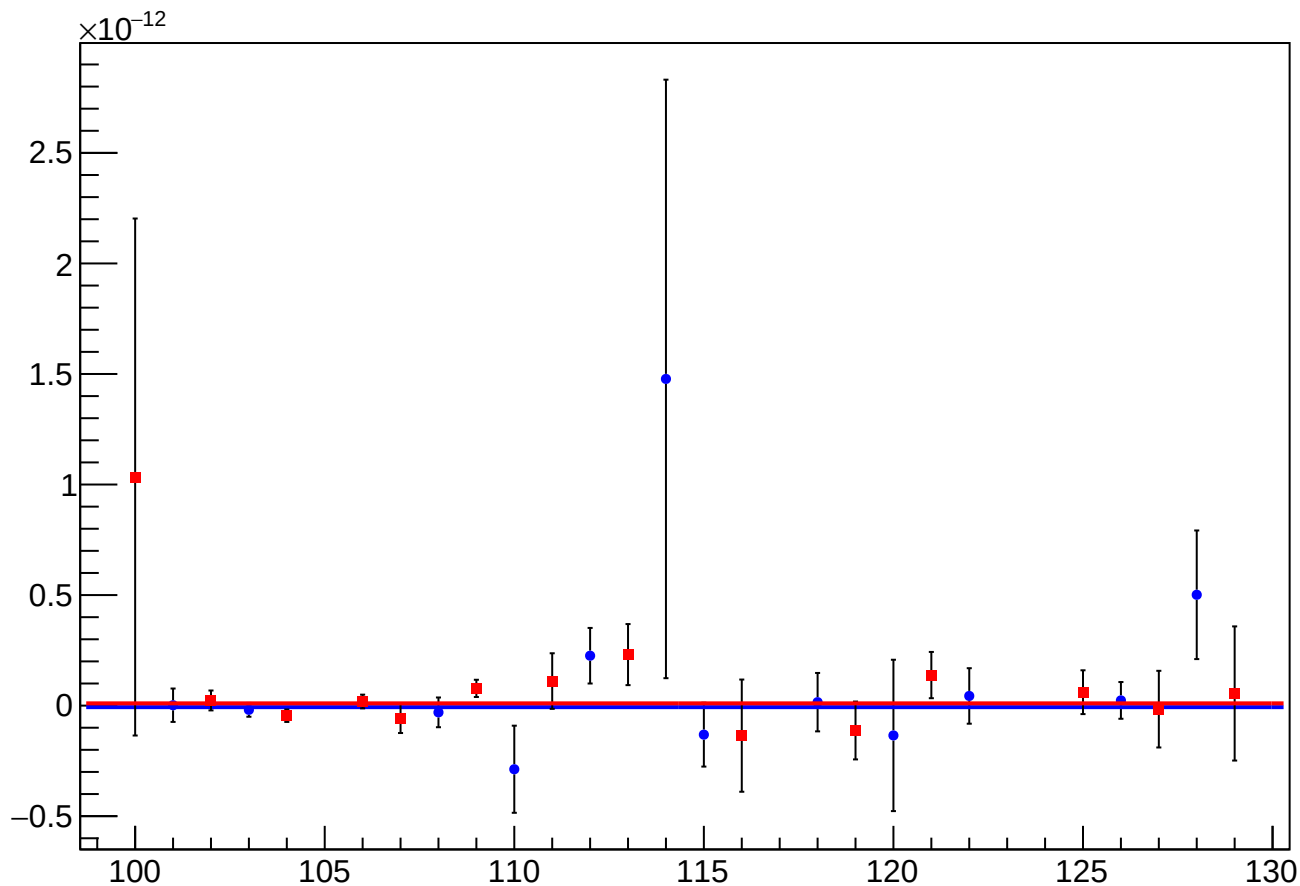
Right: 1632.520+/-0.369 χ^2/NDF : 1235433.0/25

In: 1655.802+/-0.545 χ^2/NDF : 721360.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1632.520+/-0.369 χ^2/NDF : 1235433.0/25

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

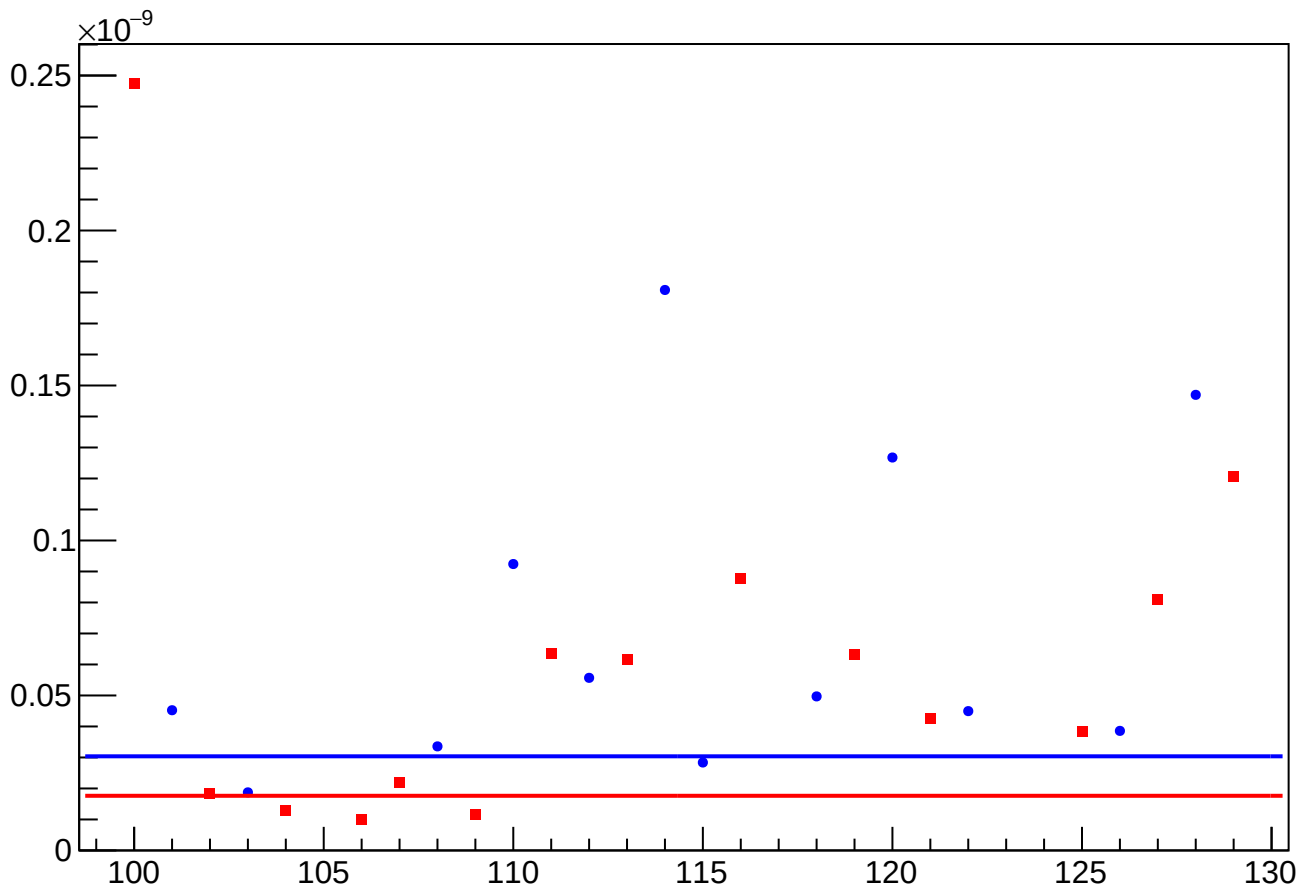
Right: 0.000+/-0.000 χ^2/NDF : 26.7/25

In: -0.000+/-0.000 χ^2/NDF : 11.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.7/25

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1233245.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

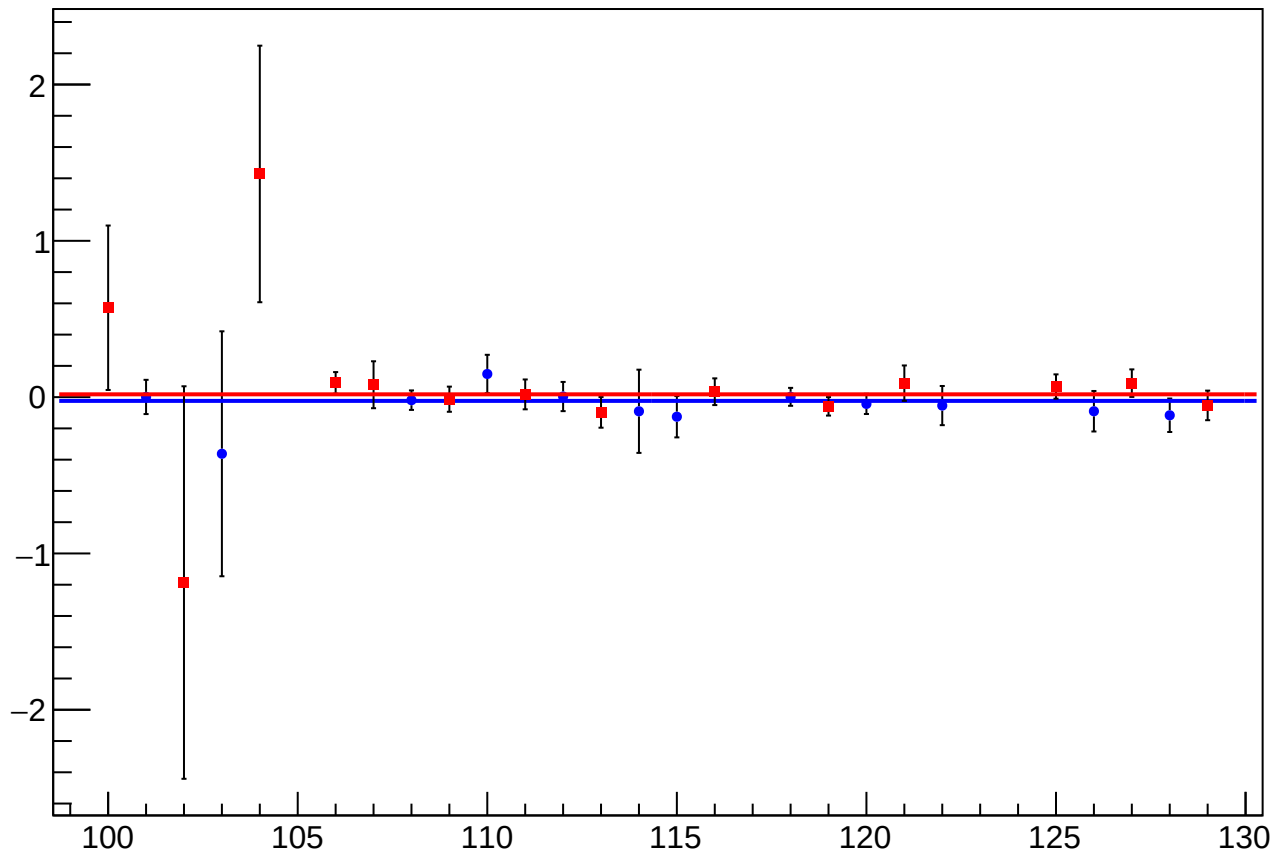
Right: 0.000+/-0.000 χ^2/NDF : 3526948.0/25

In: 0.000+/-0.000 χ^2/NDF : 1233245.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3526948.0/25

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024 ± 0.027 χ^2/NDF : 4.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.018 ± 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

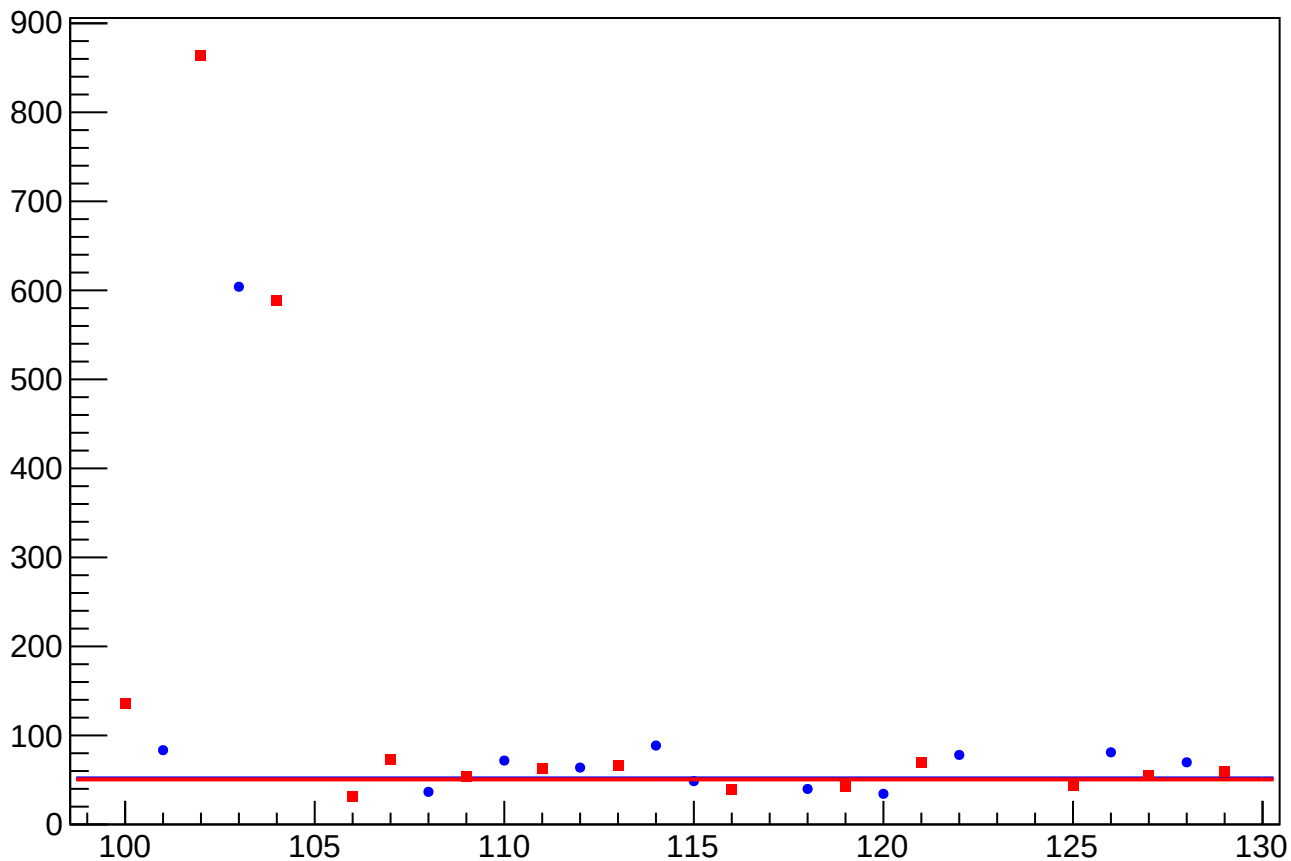
Right: -0.002 ± 0.019 χ^2/NDF : 17.1/25

In: -0.024 ± 0.027 χ^2/NDF : 4.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.002 ± 0.019 χ^2/NDF : 17.1/25

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 51.714+/-0.019 χ^2/NDF : 1883073.8/11

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

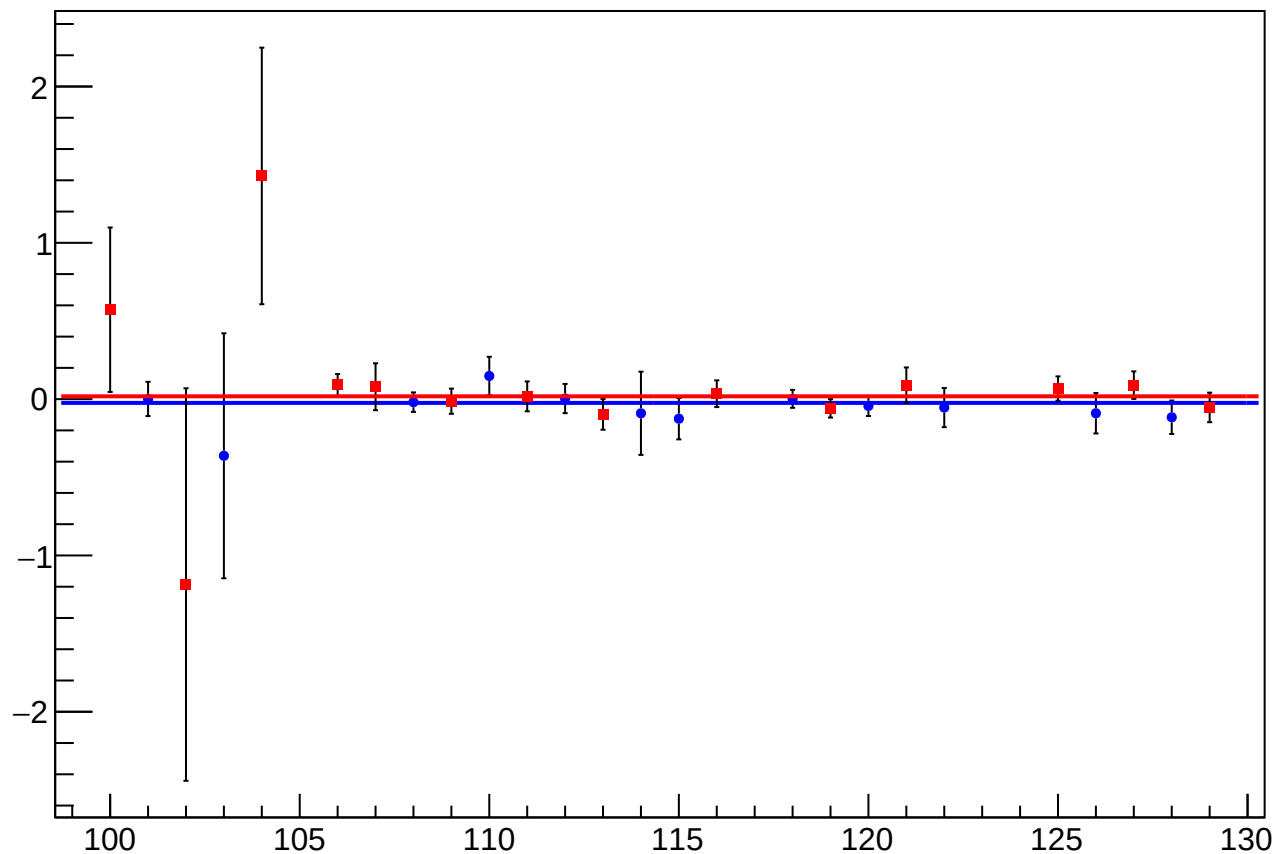
Right: 51.117+/-0.013 χ^2/NDF : 4087627.6/25

In: 51.714+/-0.019 χ^2/NDF :1883073.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 51.117+/-0.013 χ^2/NDF : 4087627.6/25

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024 $\pm$ 0.027 χ^2/NDF : 4.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.018 $\pm$ 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

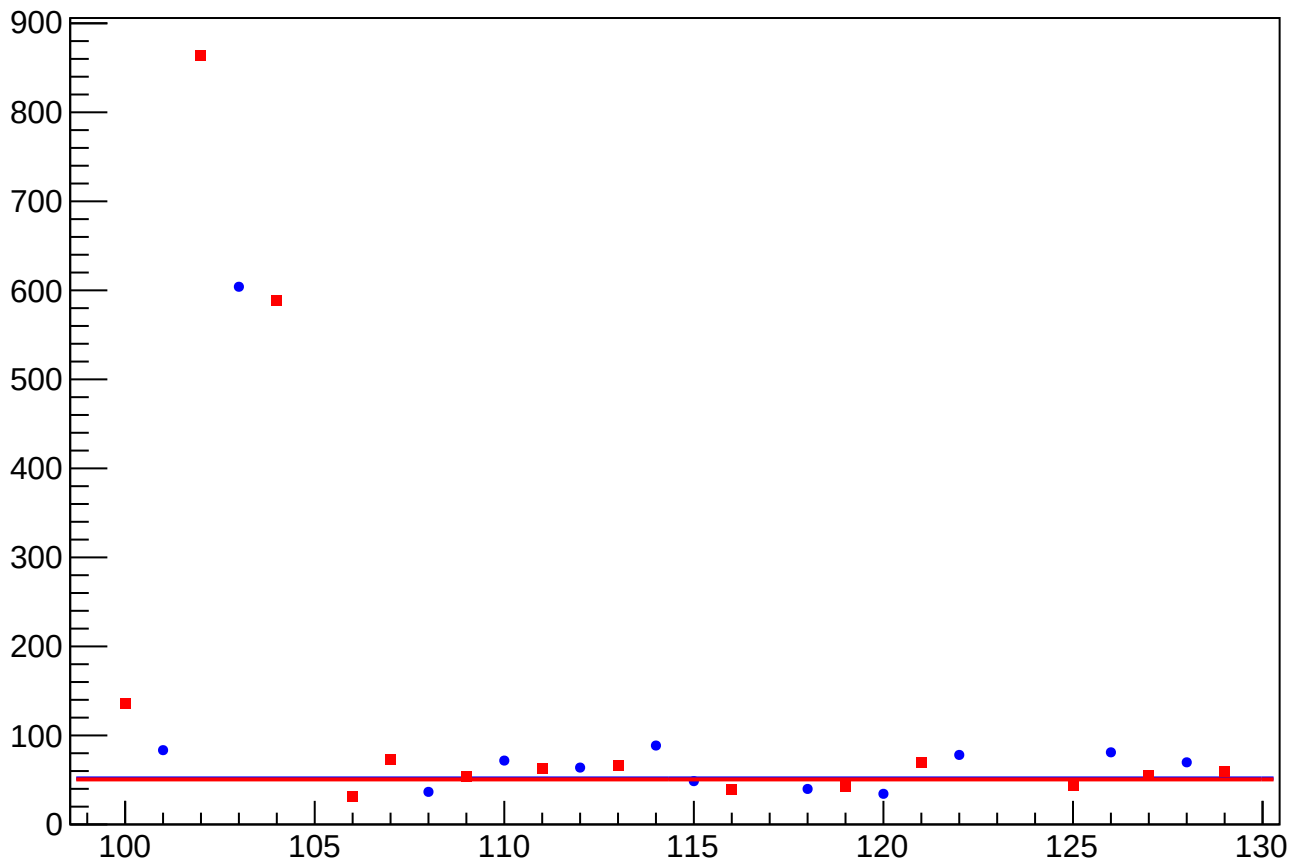
Right: -0.002 $\pm$ 0.019 χ^2/NDF : 17.1/25

In: -0.024 $\pm$ 0.027 χ^2/NDF : 4.3/11

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.002 $\pm$ 0.019 χ^2/NDF : 17.1/25

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 51.714+/-0.019 χ^2/NDF : 1883073.8/11

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

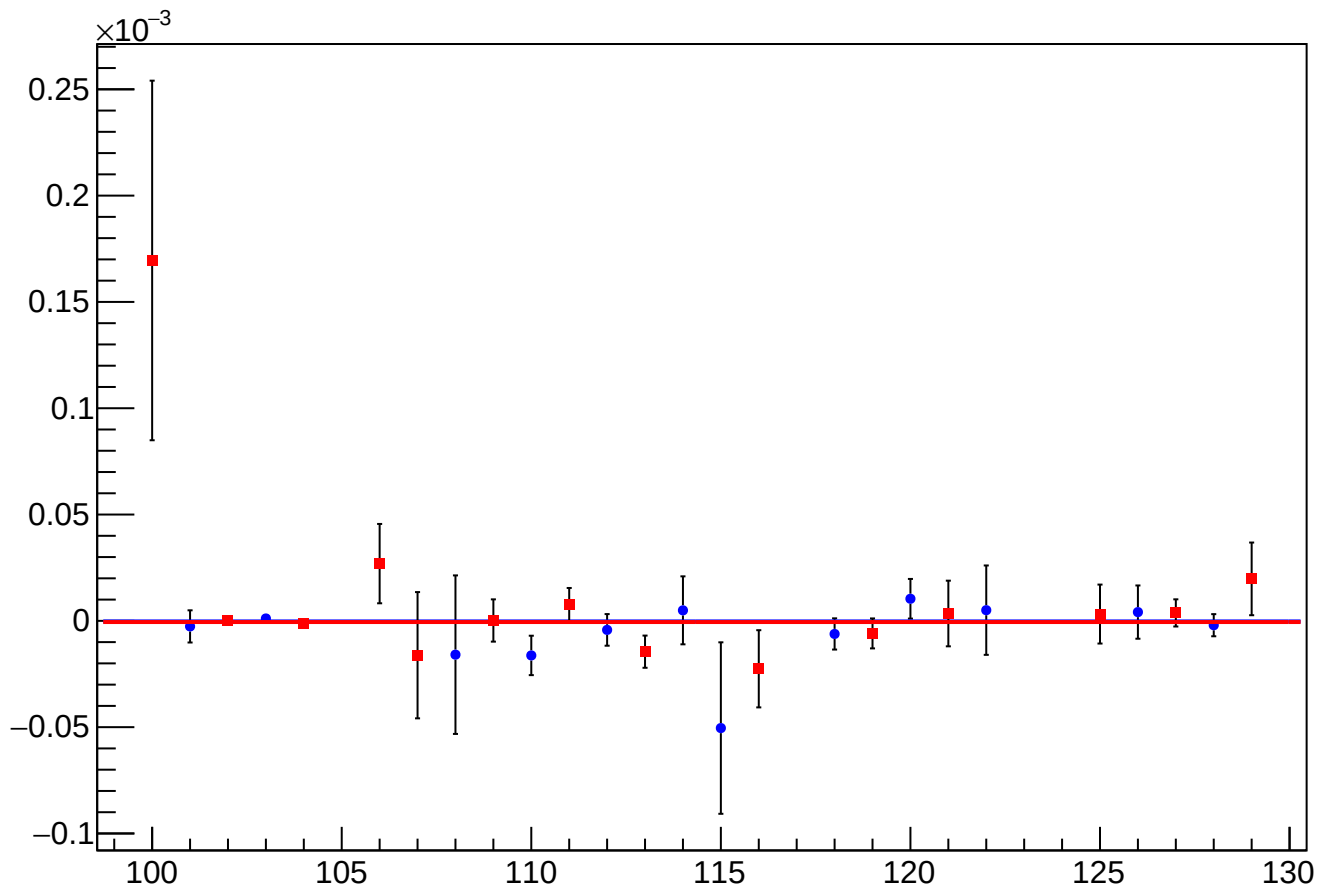
Right: 51.117+/-0.013 χ^2/NDF : 4087627.6/25

In: 51.714+/-0.019 χ^2/NDF :1883073.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 51.117+/-0.013 χ^2/NDF : 4087627.6/25

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 : 7.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

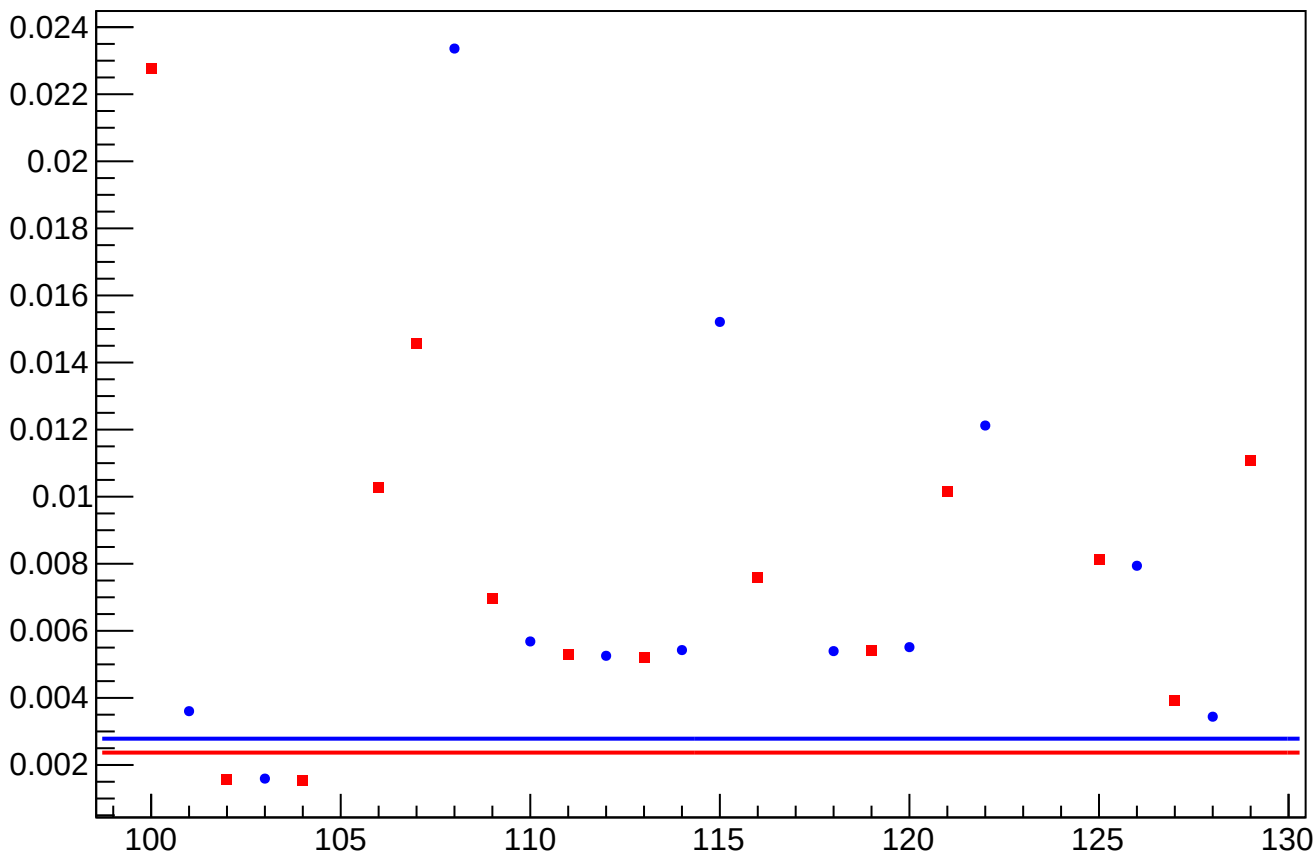
Right: -0.000+/-0.000 χ^2/NDF : 23.1/25

In: -0.000+/-0.000 χ^2/NDF : 7.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.1/25

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 : 3158804.0/11

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

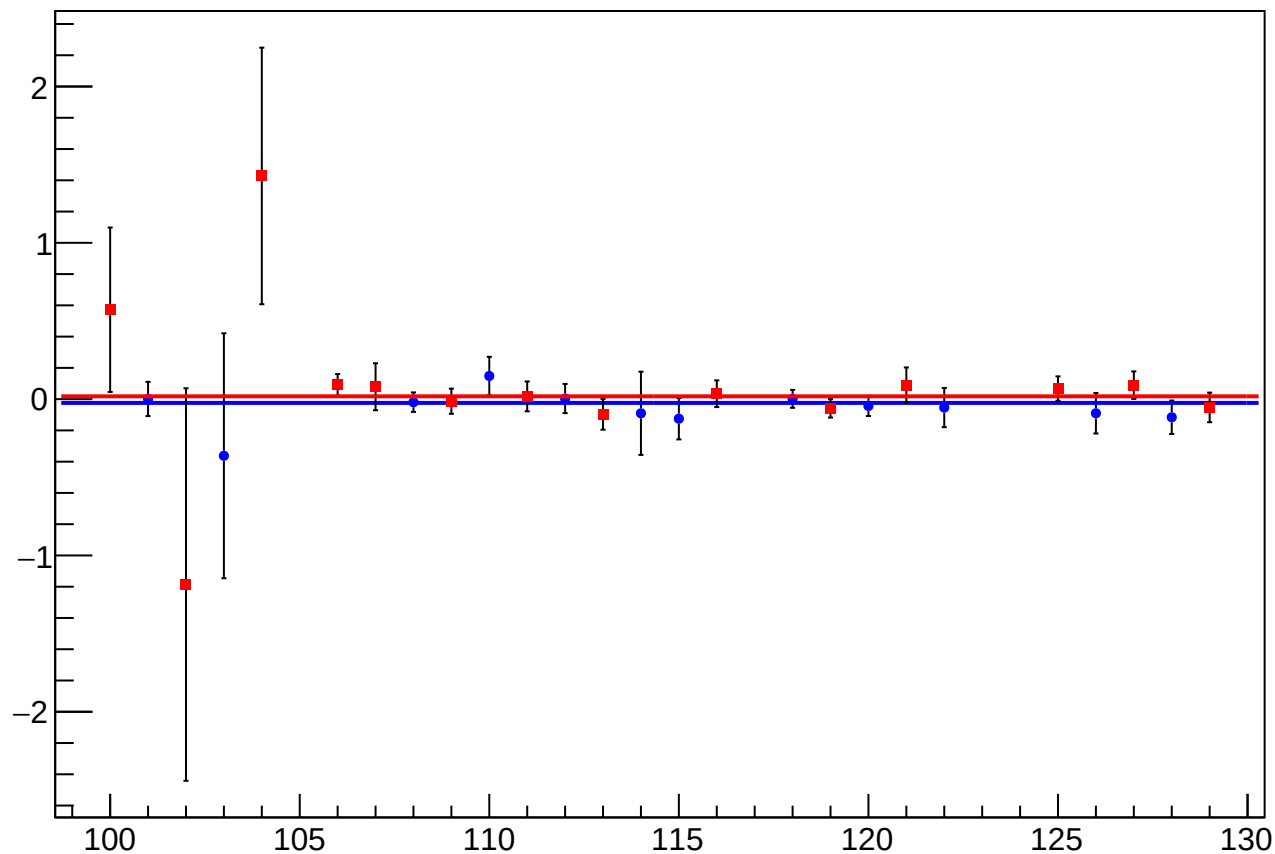
Right: 0.003+/-0.000 χ^2/NDF : 7705701.8/25

In: 0.003+/-0.000 χ^2/NDF :3158804.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 7705701.8/25

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024+/-0.027 χ^2/NDF : 4.3/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.018+/-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

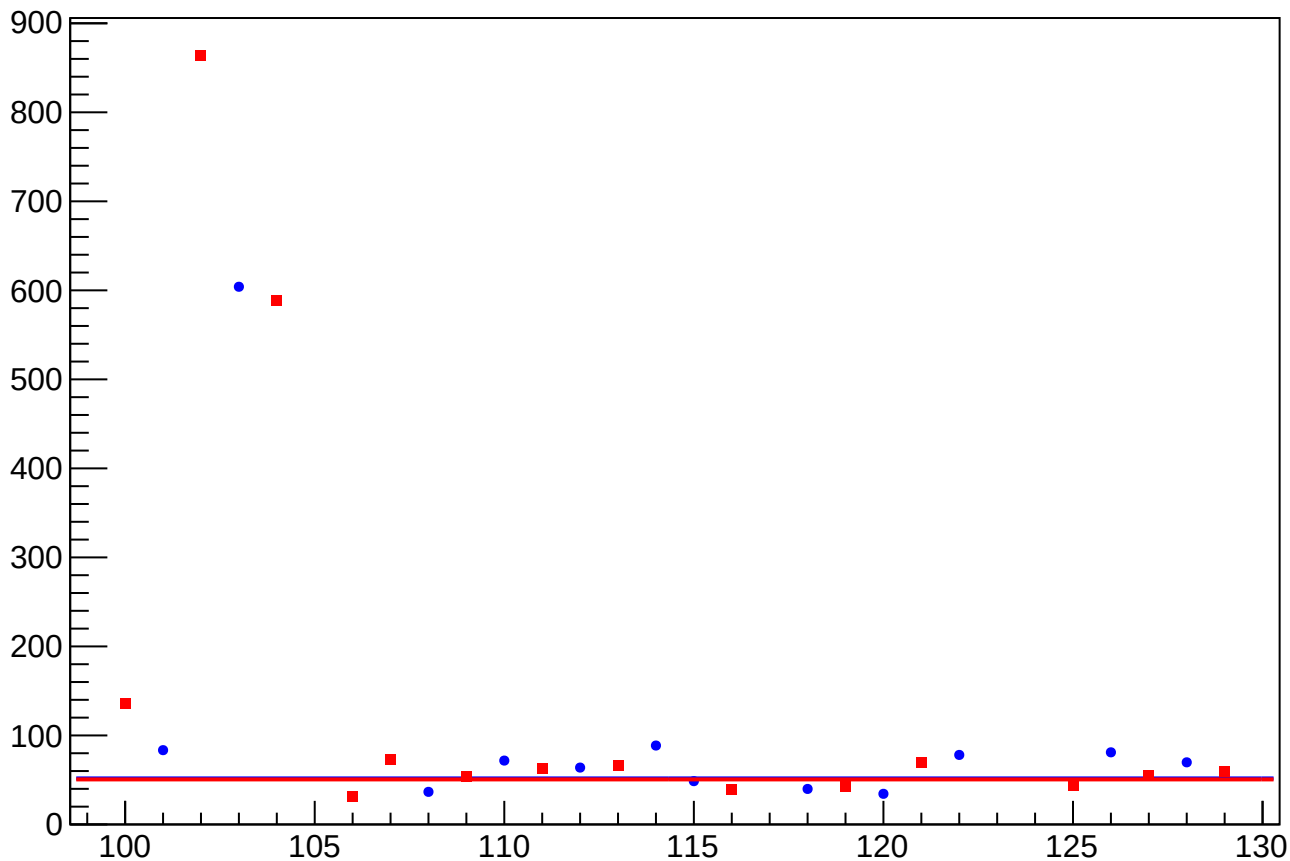
Right: -0.002+/-0.019 χ^2/NDF : 17.1/25

In: -0.024+/-0.027 χ^2/NDF :4.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.002+/-0.019 χ^2/NDF : 17.1/25

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 51.719+/-0.019 χ^2/NDF : 1882776.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

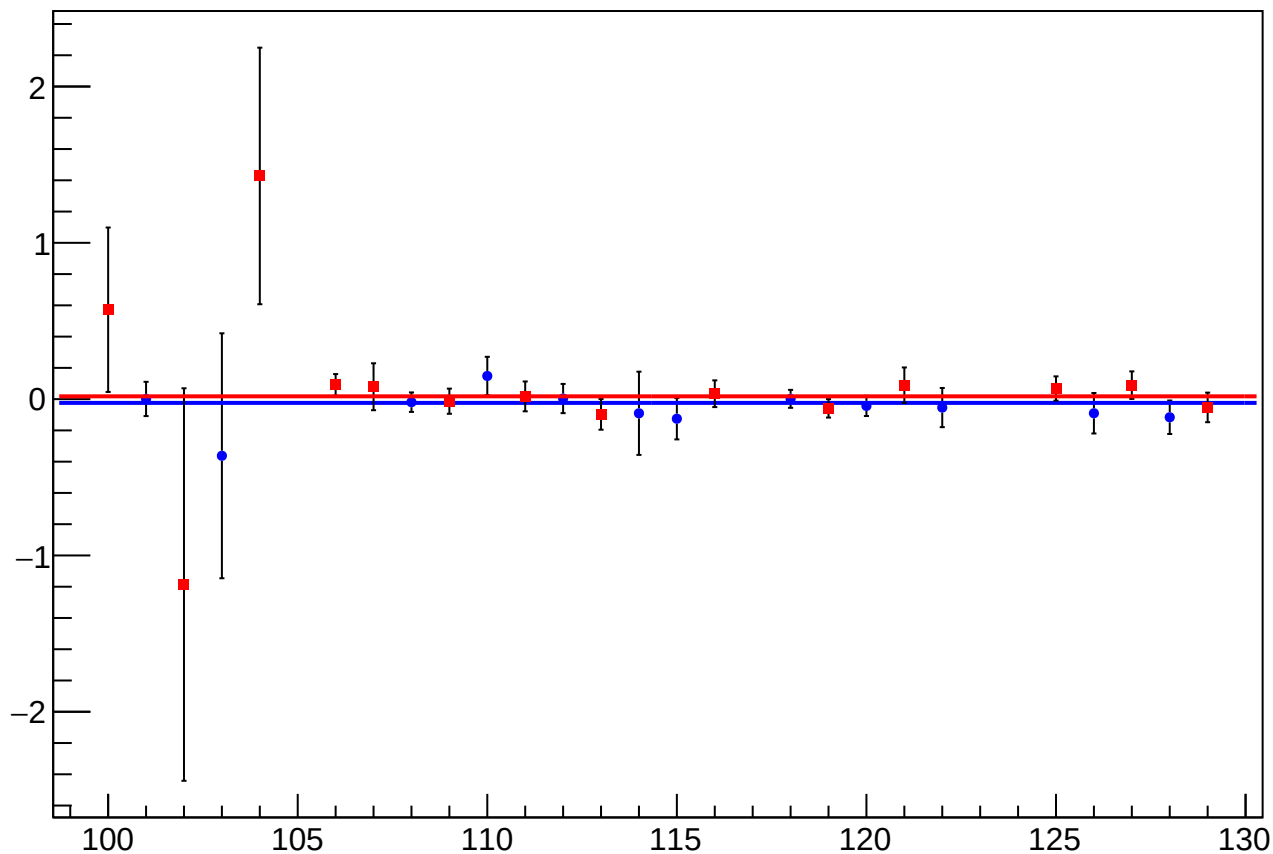
Right: 51.120+/-0.013 χ^2/NDF : 4087120.2/25

In: 51.719+/-0.019 χ^2/NDF : 1882776.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.120+/-0.013 χ^2/NDF : 4087120.2/25

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024+/-0.027 χ^2/NDF : 4.3/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.018+/-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

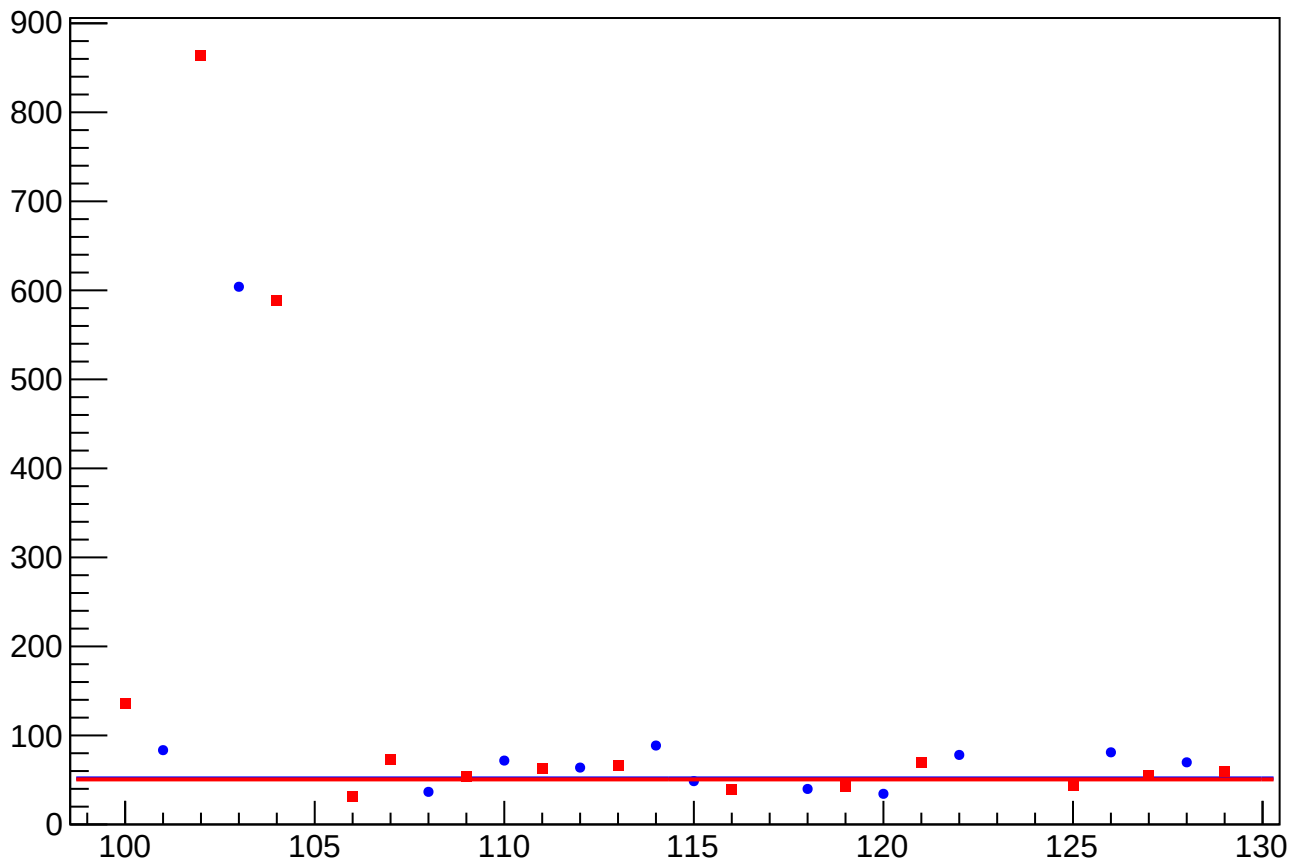
Right: -0.002+/-0.019 χ^2/NDF : 17.1/25

In: -0.024+/-0.027 χ^2/NDF :4.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.002+/-0.019 χ^2/NDF : 17.1/25

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 51.719+/-0.019 χ^2/NDF : 1882776.0/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

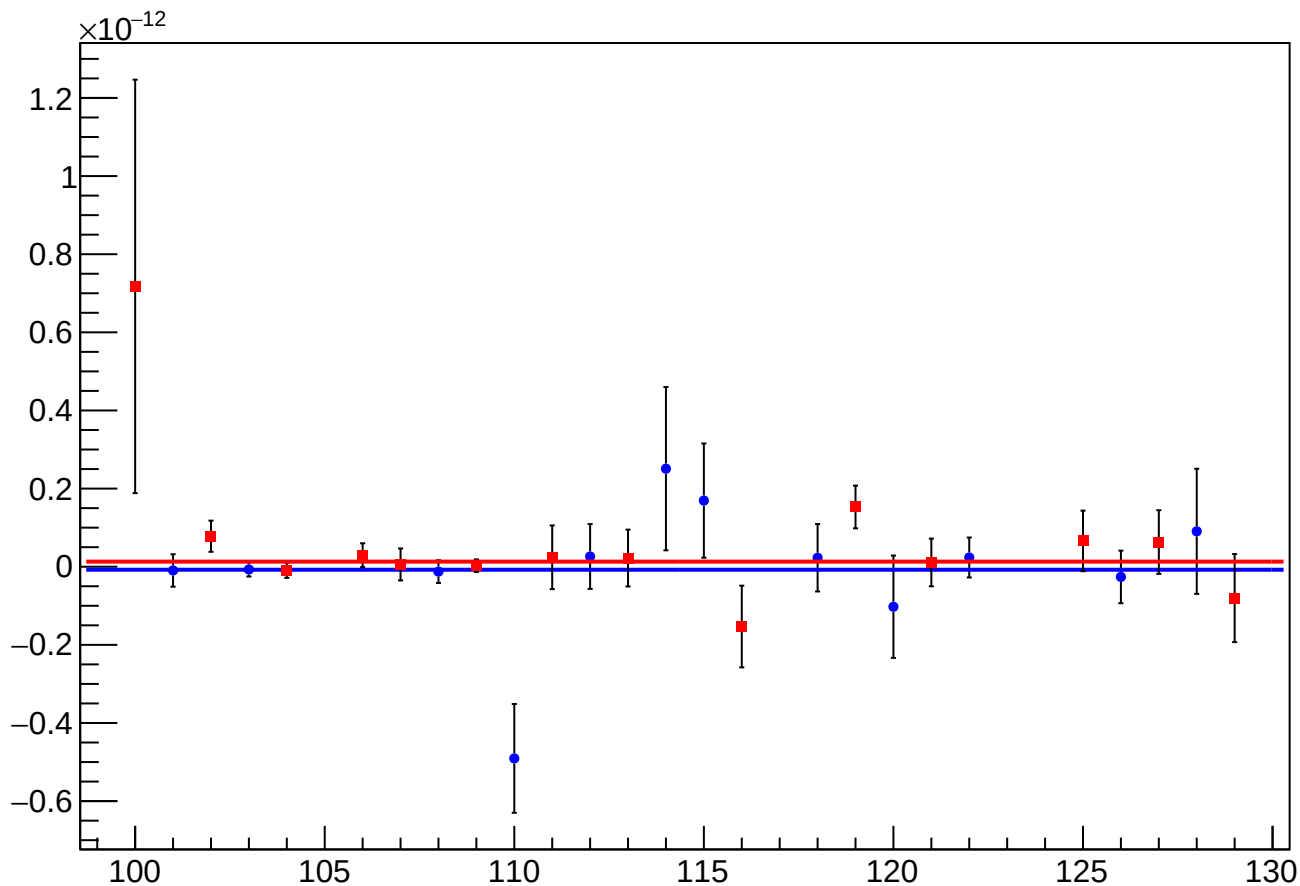
Right: 51.120+/-0.013 χ^2/NDF : 4087120.2/25

In: 51.719+/-0.019 χ^2/NDF :1882776.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 51.120+/-0.013 χ^2/NDF : 4087120.2/25

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 : 16.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

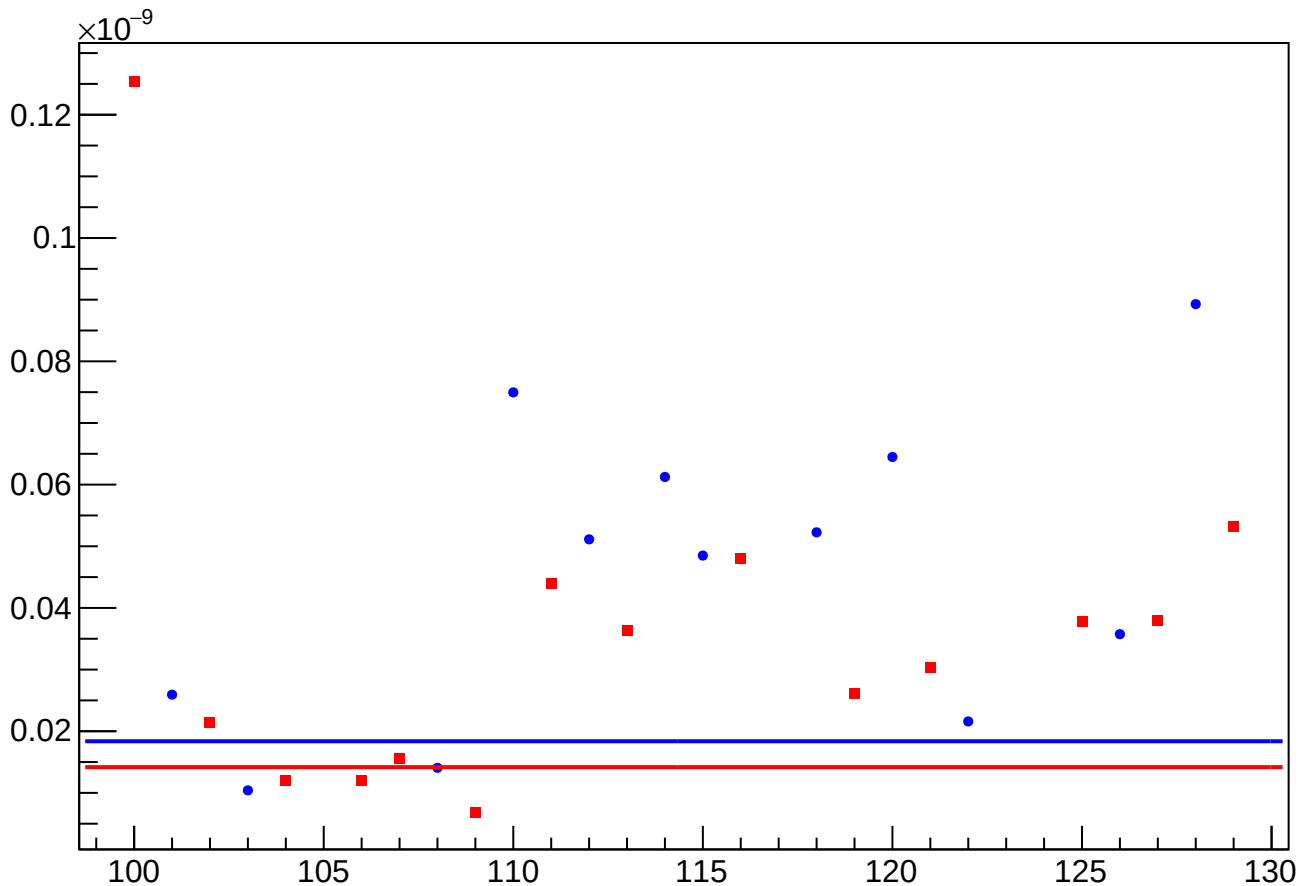
Right: 0.000+/-0.000 χ^2/NDF : 35.4/25

In: -0.000+/-0.000 χ^2/NDF : 16.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 35.4/25

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 : 2399807.8/11

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

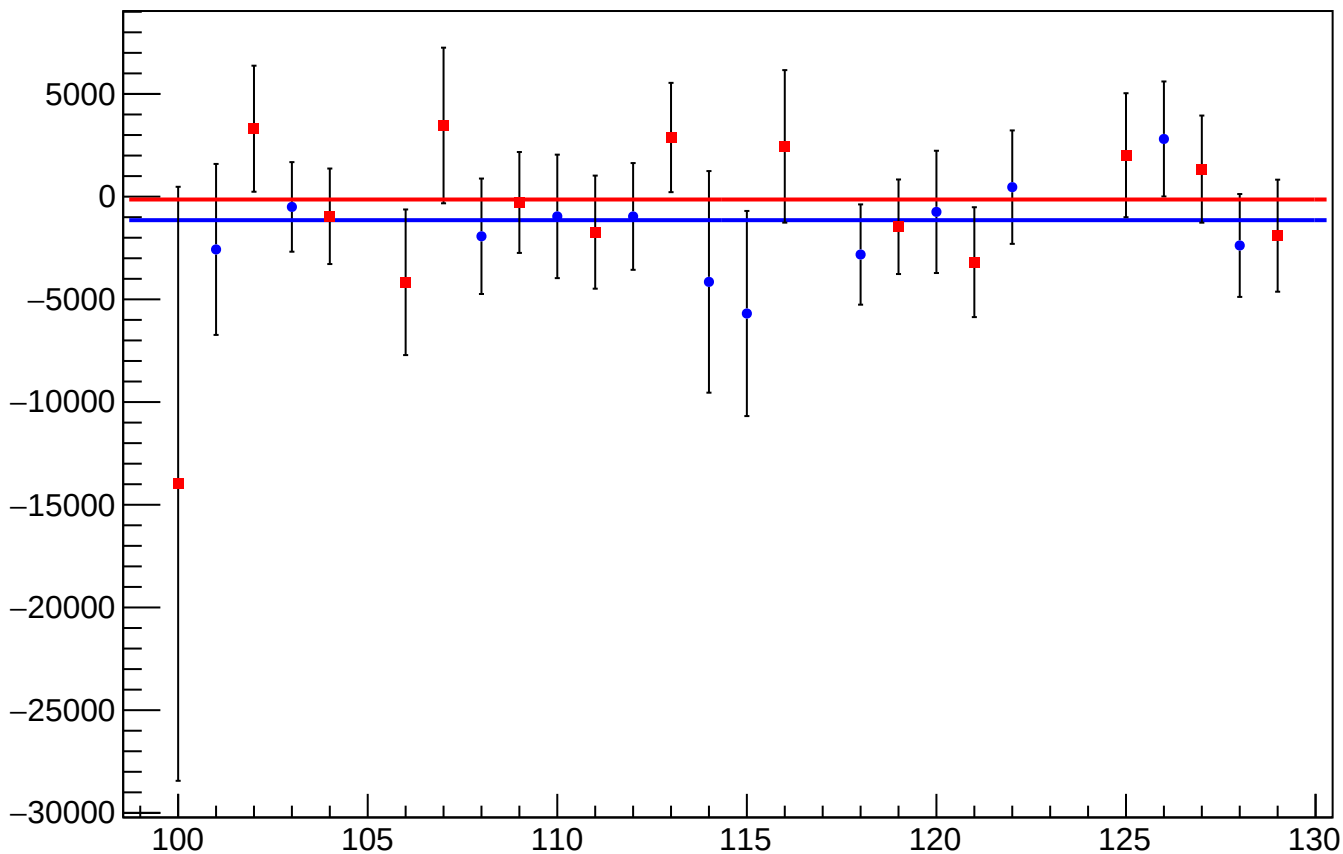
Right: 0.000+/-0.000 χ^2/NDF : 4639158.8/25

In: 0.000+/-0.000 χ^2/NDF : 2399807.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4639158.8/25

reg_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1145.309+/-837.151 χ^2/NDF : 4.5/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

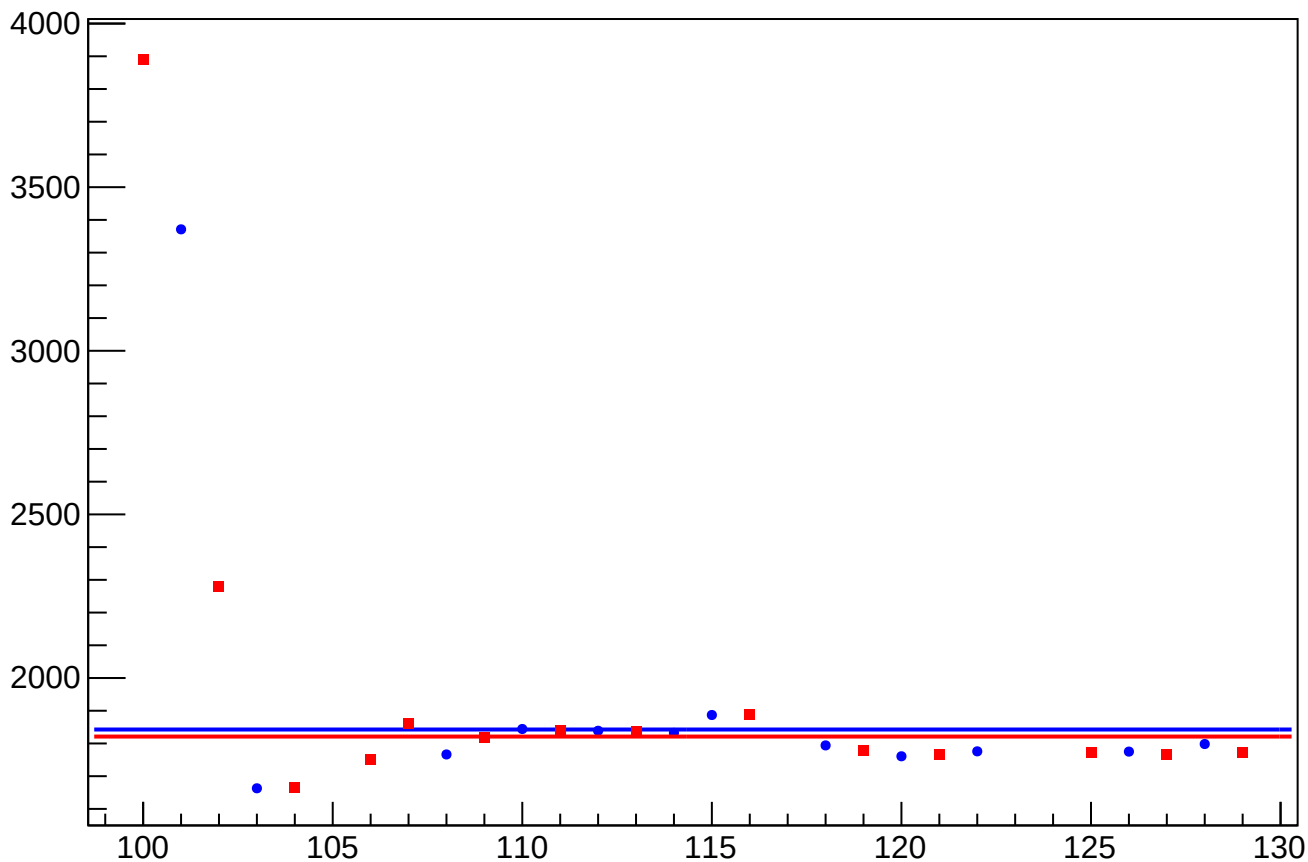
Right: -601.674+/-567.624 χ^2/NDF : 14.8/25

In: -1145.309+/-837.151 χ^2/NDF :4.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -601.674+/-567.624 χ^2/NDF : 14.8/25

reg_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1842.644+/-0.592 χ^2/NDF : 290250.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

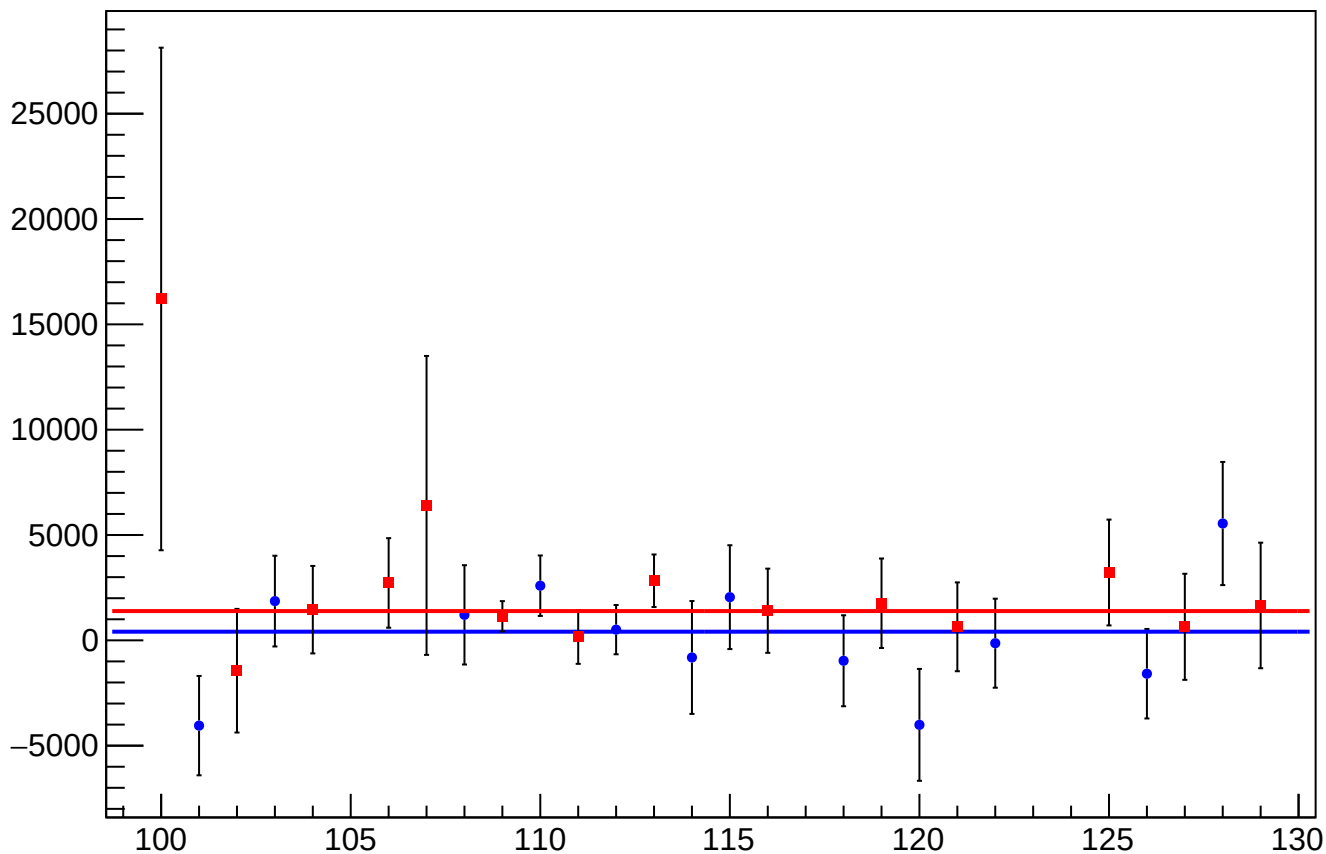
Right: 1831.007+/-0.401 χ^2/NDF : 391041.9/25

In: 1842.644+/-0.592 χ^2/NDF : 290250.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1831.007+/-0.401 χ^2/NDF : 391041.9/25

asym_us_dd_atlr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 410.872+/-575.841 χ^2/NDF : 14.3/11

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

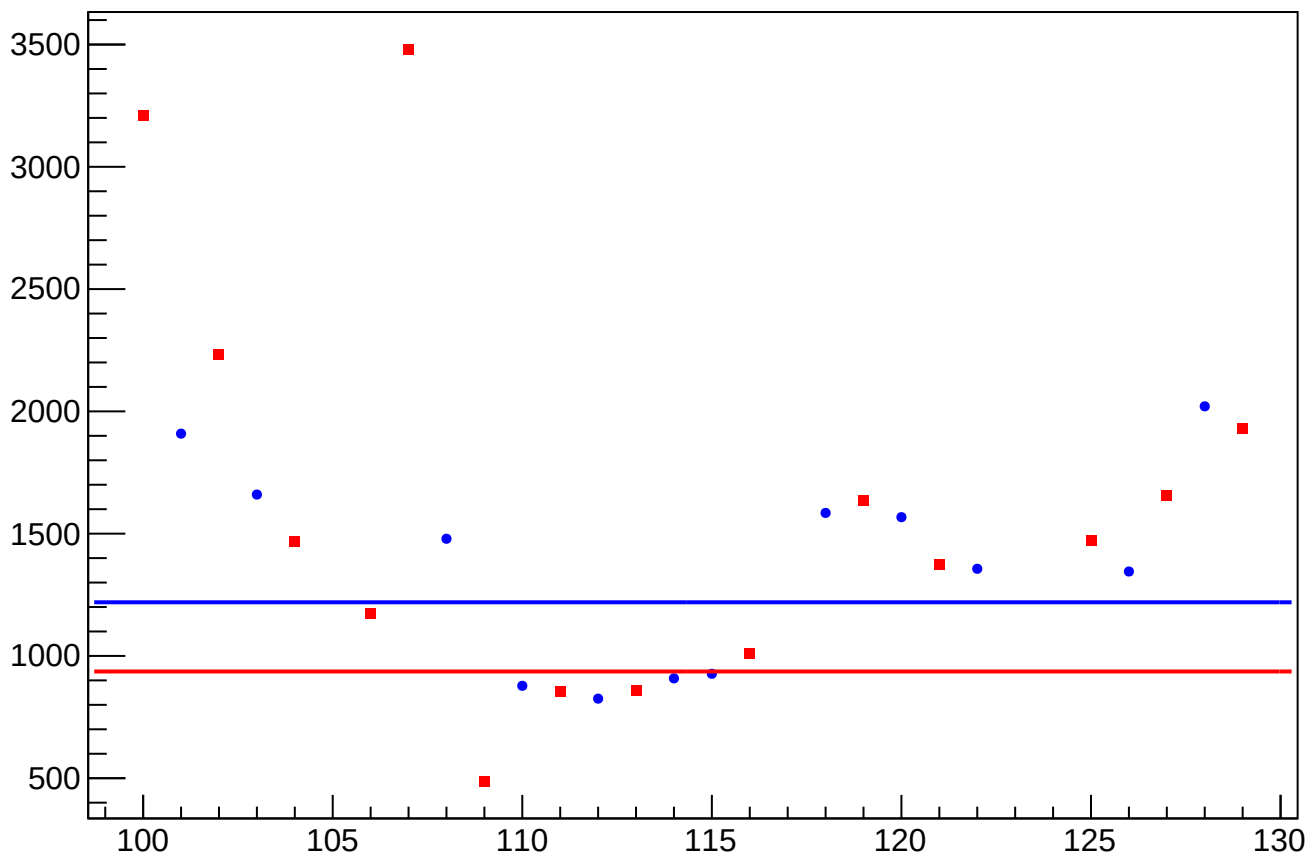
Right: 1017.513+/-355.029 χ^2/NDF : 22.6/25

In: 410.872+/-575.841 χ^2/NDF : 14.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1017.513+/-355.029 χ^2/NDF : 22.6/25

asym_us_dd_atlr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1219.355+/-0.407 χ^2/NDF : 931929.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

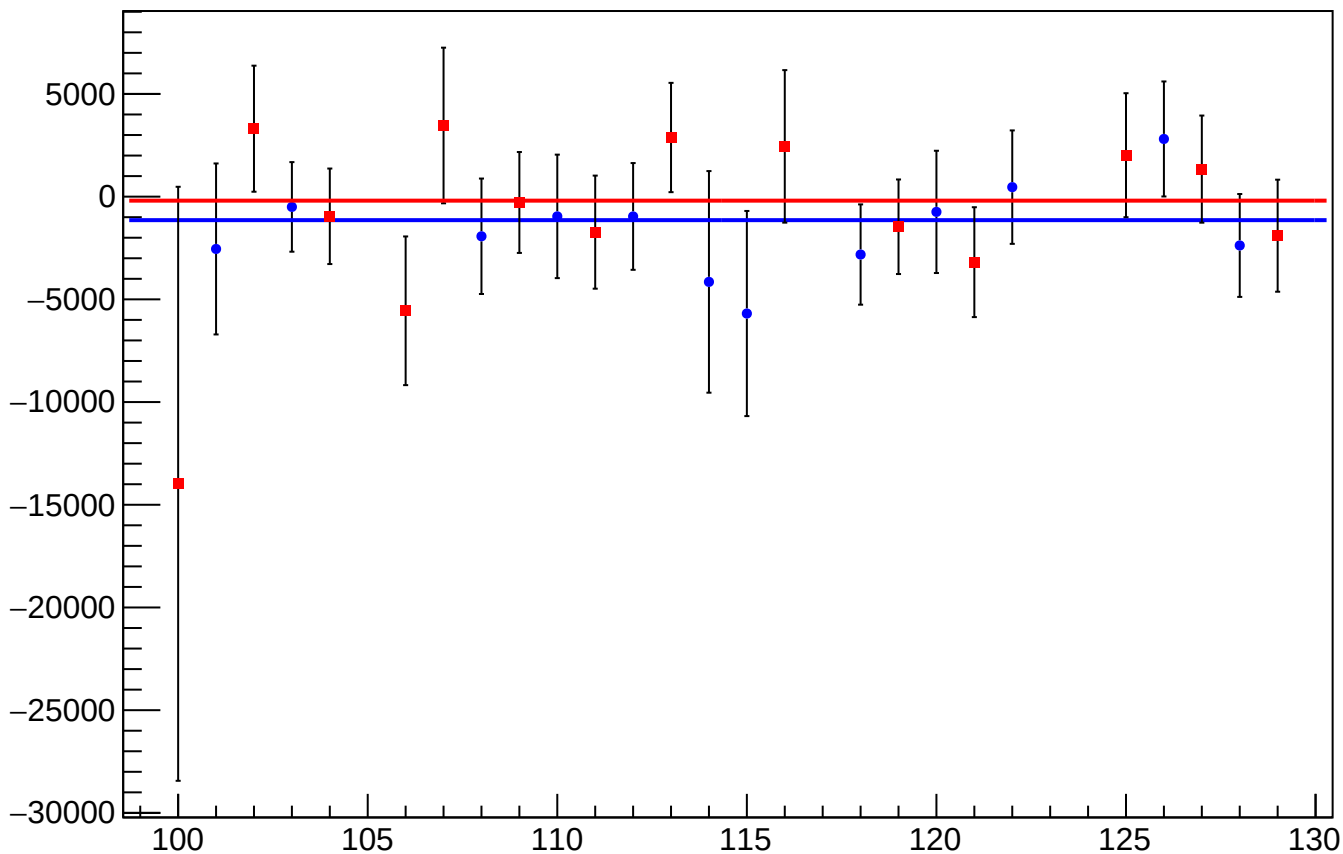
Right: 1043.940+/-0.251 χ^2/NDF : 3694428.3/25

In: 1219.355+/-0.407 χ^2/NDF : 931929.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1043.940+/-0.251 χ^2/NDF : 3694428.3/25

cor_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1144.349+/-837.152 χ^2/NDF : 4.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

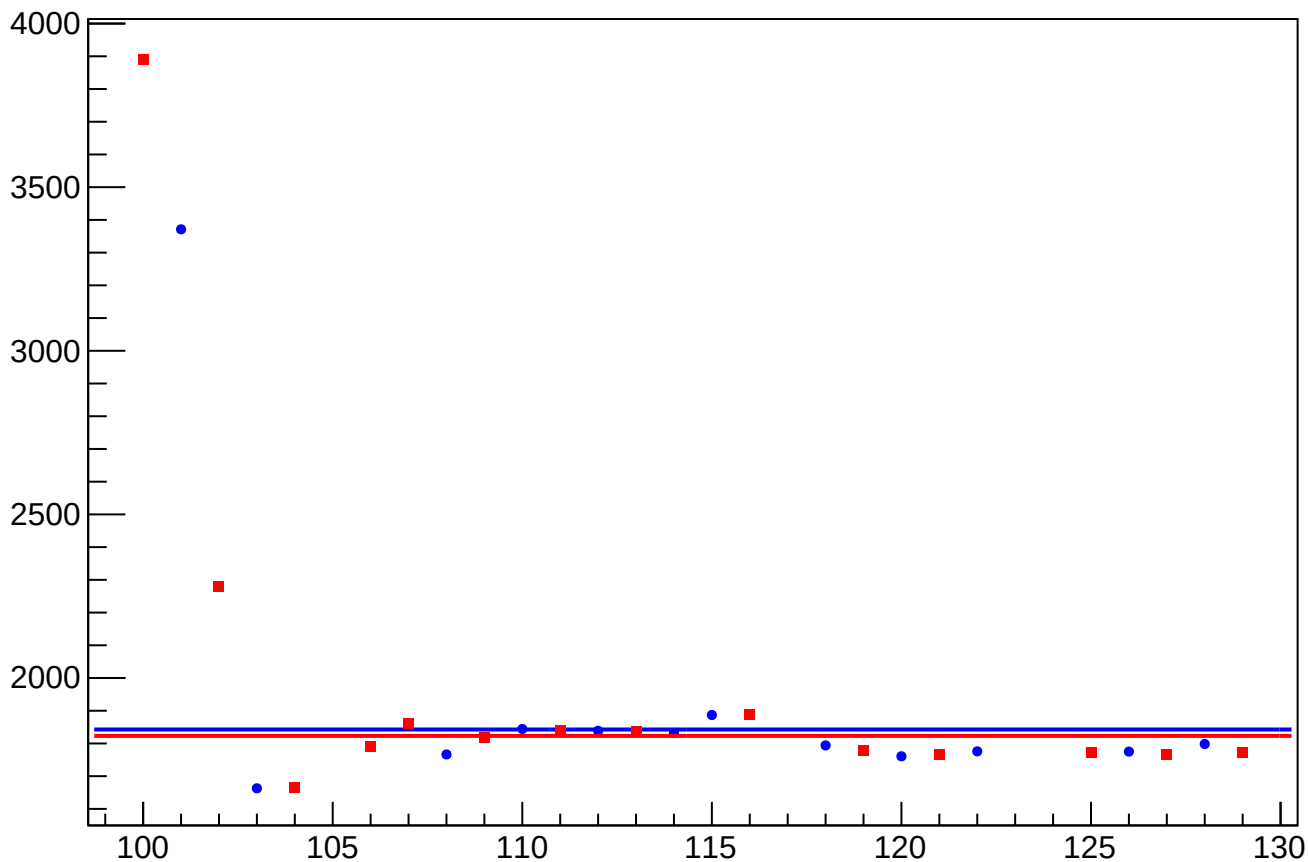
Right: -631.750+/-567.922 χ^2/NDF : 15.6/25

In: -1144.349+/-837.152 χ^2/NDF : 4.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -631.750+/-567.922 χ^2/NDF : 15.6/25

cor_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1842.644+/-0.592 χ^2/NDF : 290252.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

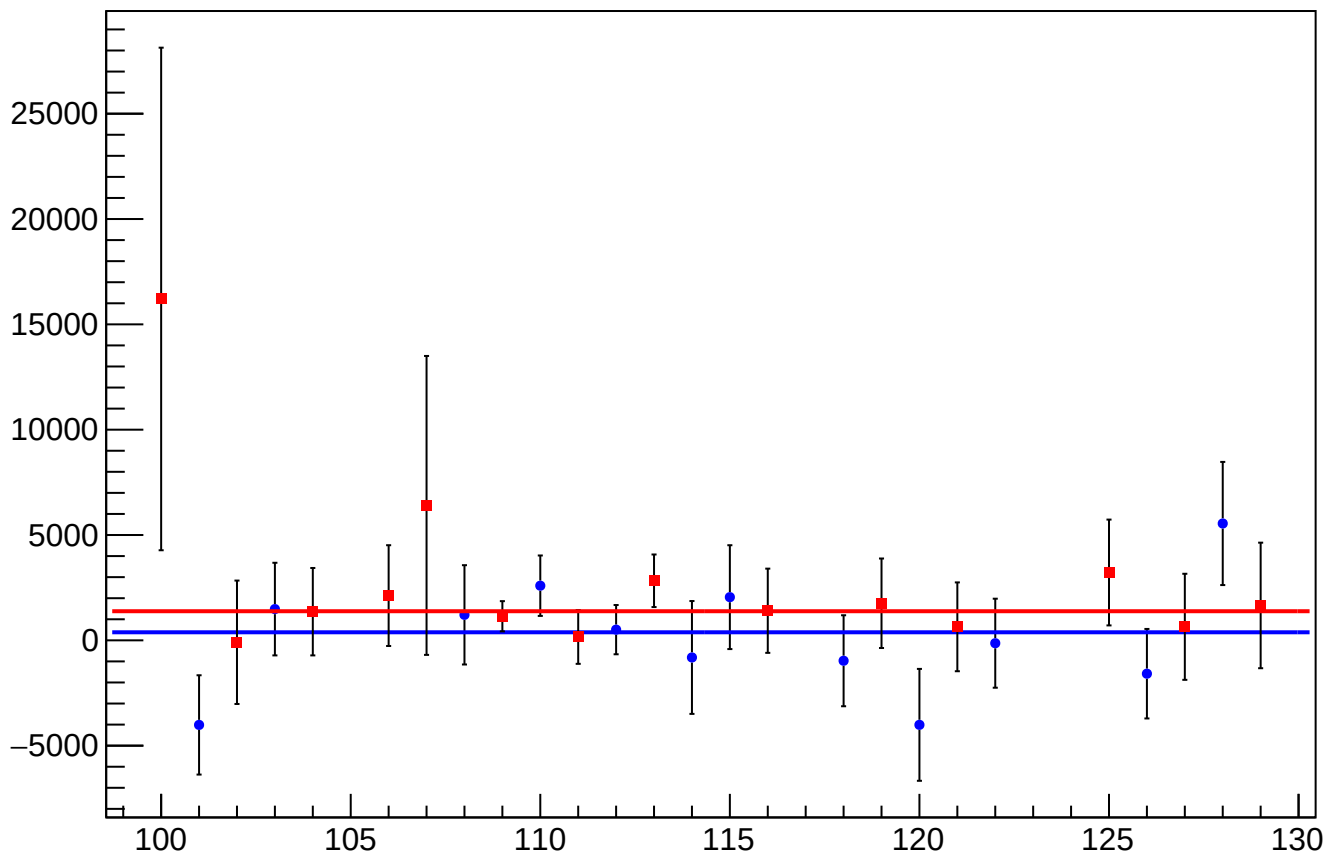
Right: 1832.098+/-0.402 χ^2/NDF : 390246.0/25

In: 1842.644+/-0.592 χ^2/NDF : 290252.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1832.098+/-0.402 χ^2/NDF : 390246.0/25

asym_us_dd_atlr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 382.290+/-576.656 χ^2/NDF : 14.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

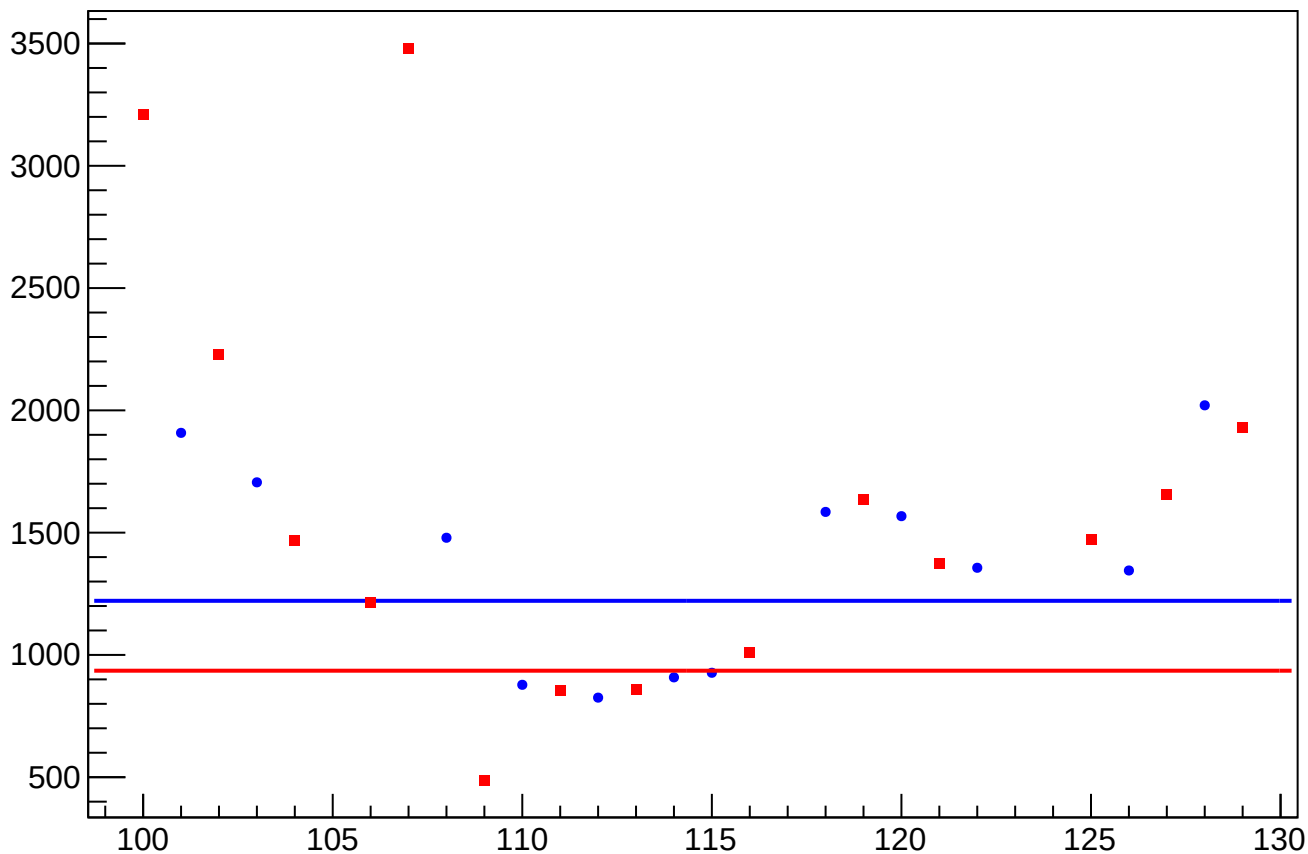
Right: 1000.559+/-356.243 χ^2/NDF : 21.5/25

In: 382.290+/-576.656 χ^2/NDF : 14.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1000.559+/-356.243 χ^2/NDF : 21.5/25

asym_us_dd_atlr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1221.234+/-0.408 χ^2/NDF : 945852.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

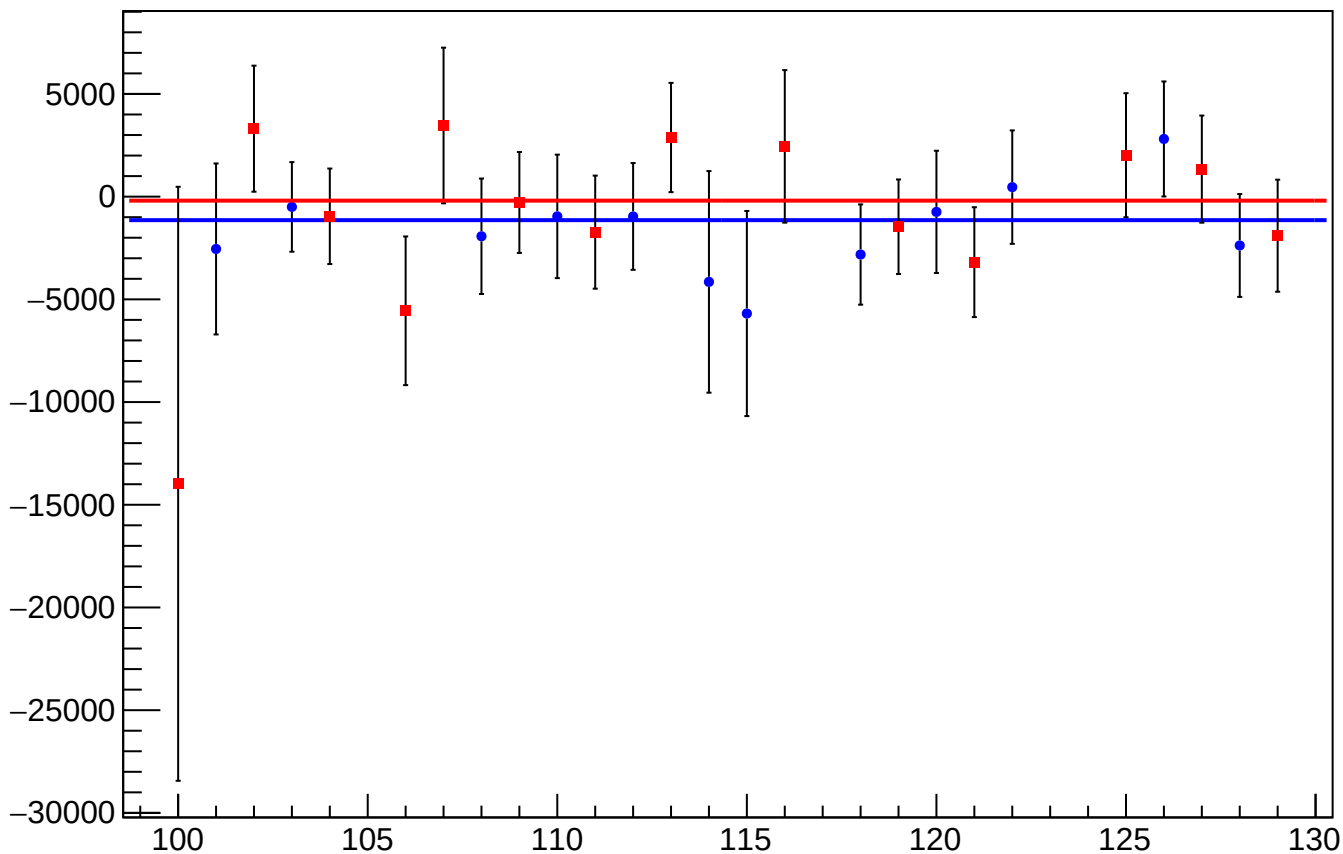
Right: 1044.533+/-0.252 χ^2/NDF : 3713077.9/25

In: 1221.234+/-0.408 χ^2/NDF : 945852.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1044.533+/-0.252 χ^2/NDF : 3713077.9/25

eigen_cor_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1144.349+/-837.152 χ^2/NDF : 4.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

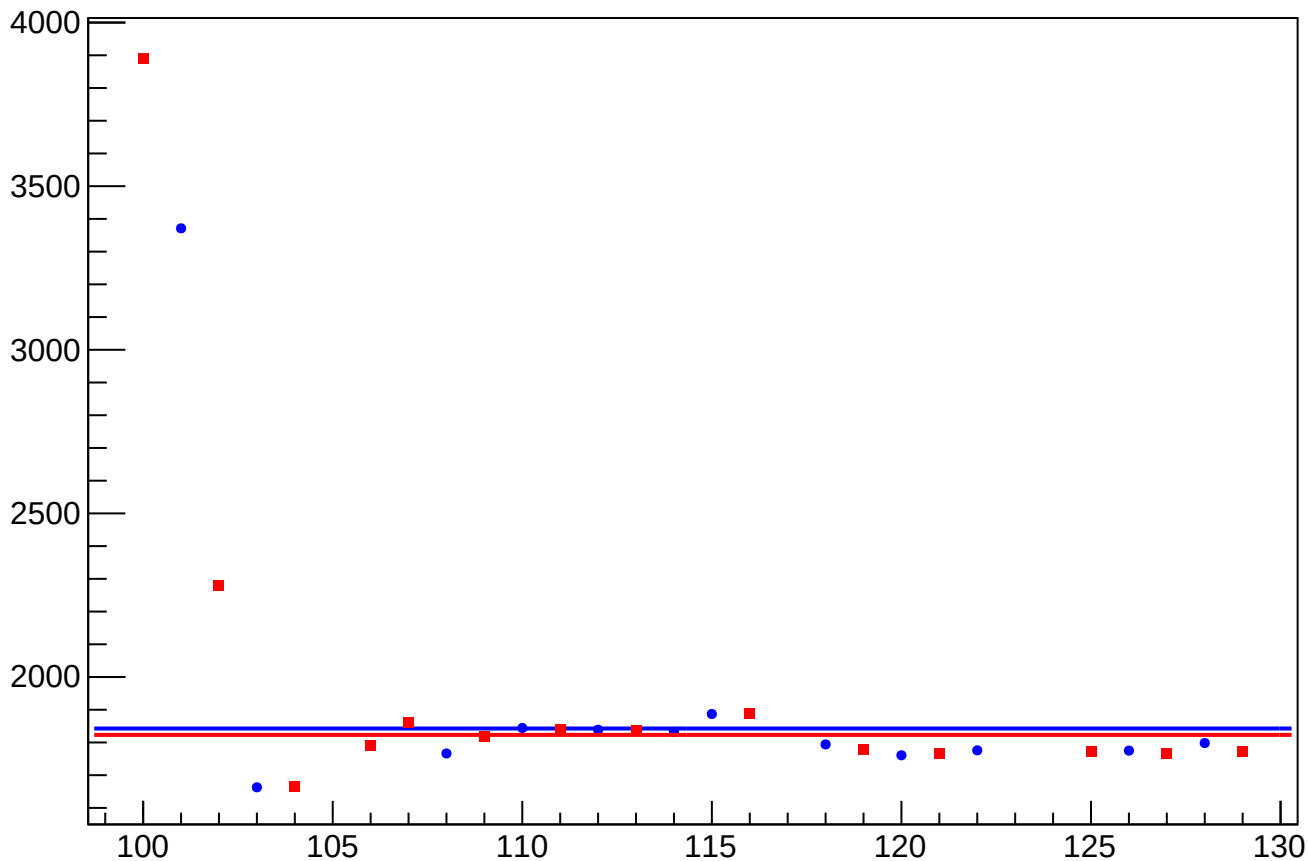
Right: -631.750+/-567.922 χ^2/NDF : 15.6/25

In: -1144.349+/-837.152 χ^2/NDF : 4.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -631.750+/-567.922 χ^2/NDF : 15.6/25

eigen_cor_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1842.644+/-0.592 χ^2/NDF : 290252.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

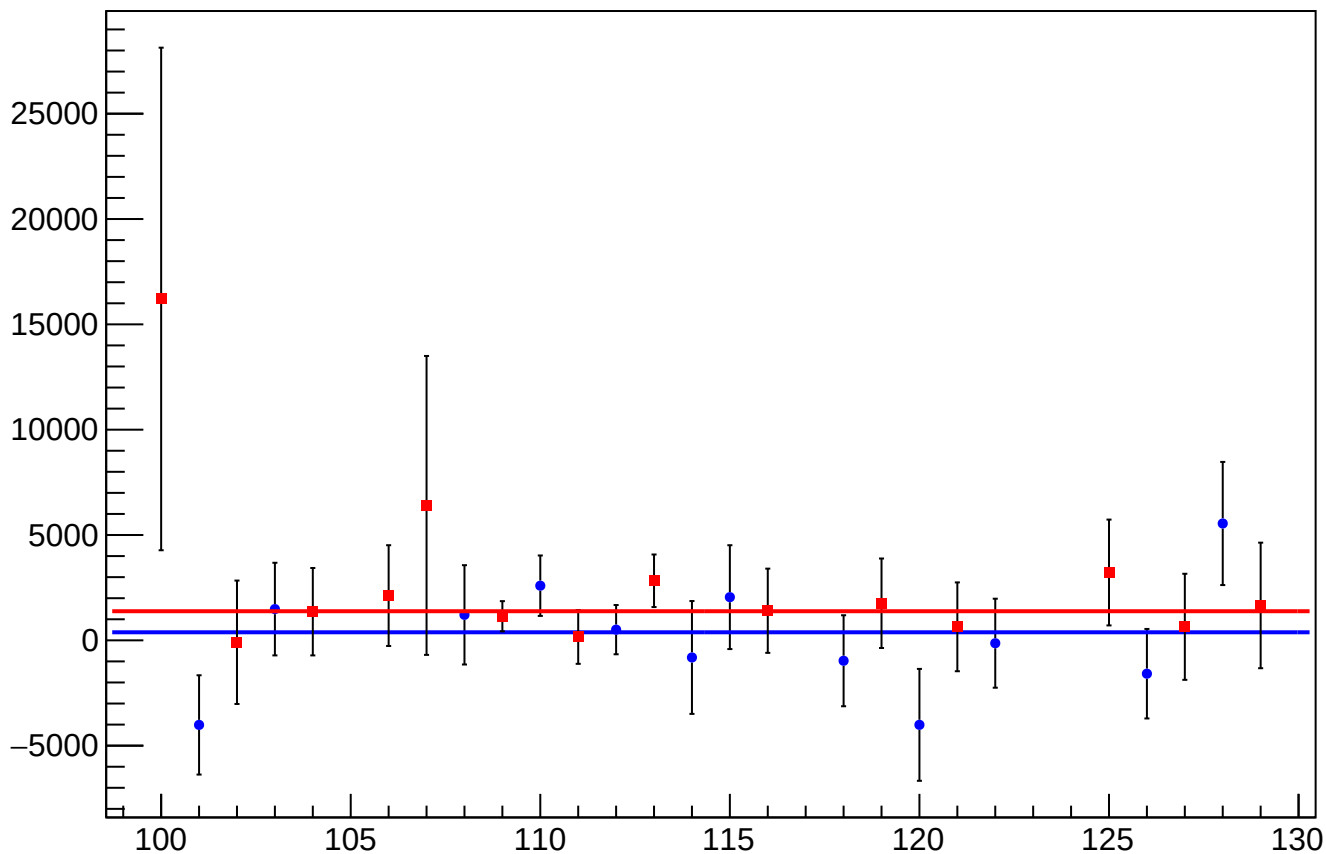
Right: 1832.098+/-0.402 χ^2/NDF : 390246.0/25

In: 1842.644+/-0.592 χ^2/NDF : 290252.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1832.098+/-0.402 χ^2/NDF : 390246.0/25

asym_us_dd_atlr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 382.290+/-576.656 χ^2/NDF : 14.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

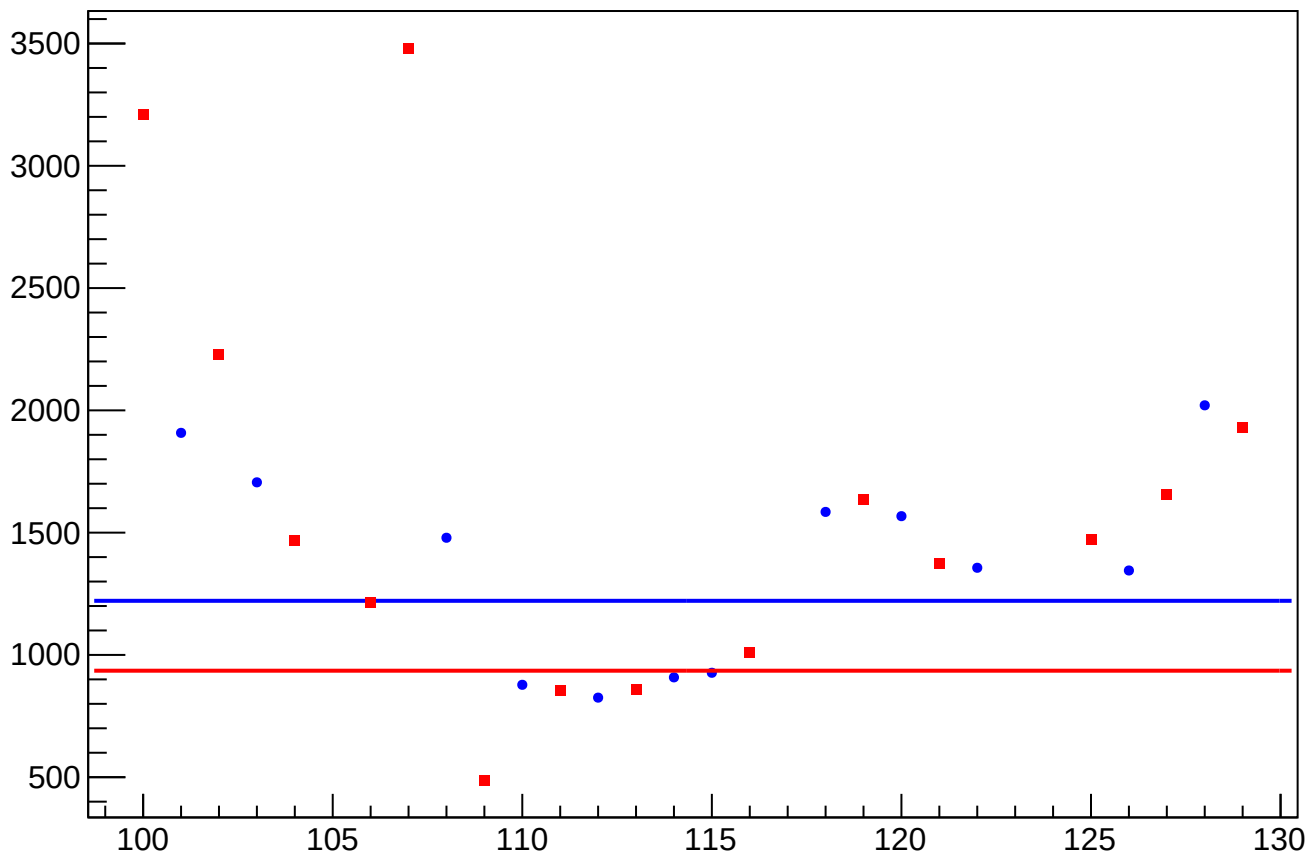
Right: 1000.559+/-356.243 χ^2/NDF : 21.5/25

In: 382.290+/-576.656 χ^2/NDF : 14.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1000.559+/-356.243 χ^2/NDF : 21.5/25

asym_us_dd_atlr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1221.234+/-0.408 χ^2/NDF : 945852.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

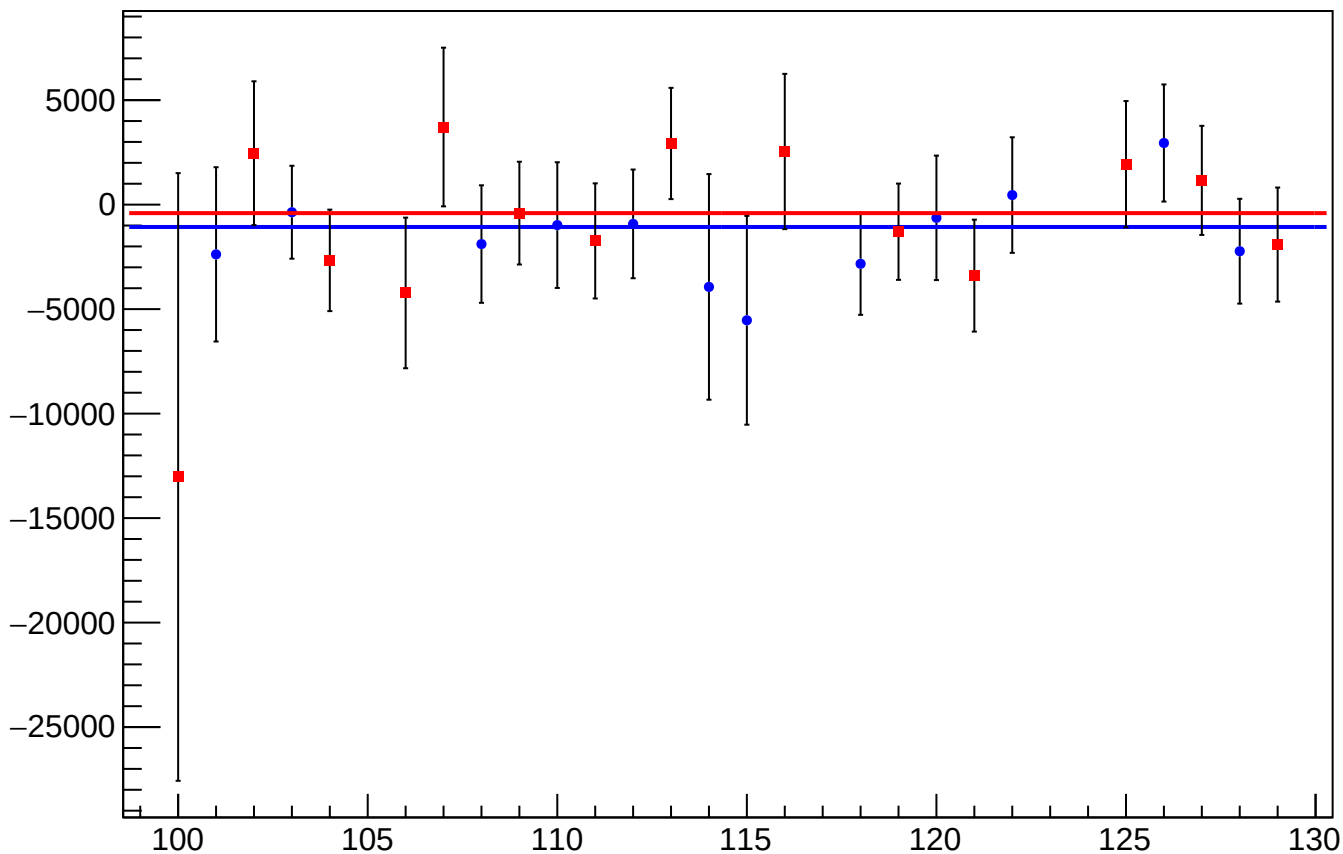
Right: 1044.533+/-0.252 χ^2/NDF : 3713077.9/25

In: 1221.234+/-0.408 χ^2/NDF : 945852.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1044.533+/-0.252 χ^2/NDF : 3713077.9/25

dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1069.630 ± 840.130 χ^2/NDF : 4.5/11

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

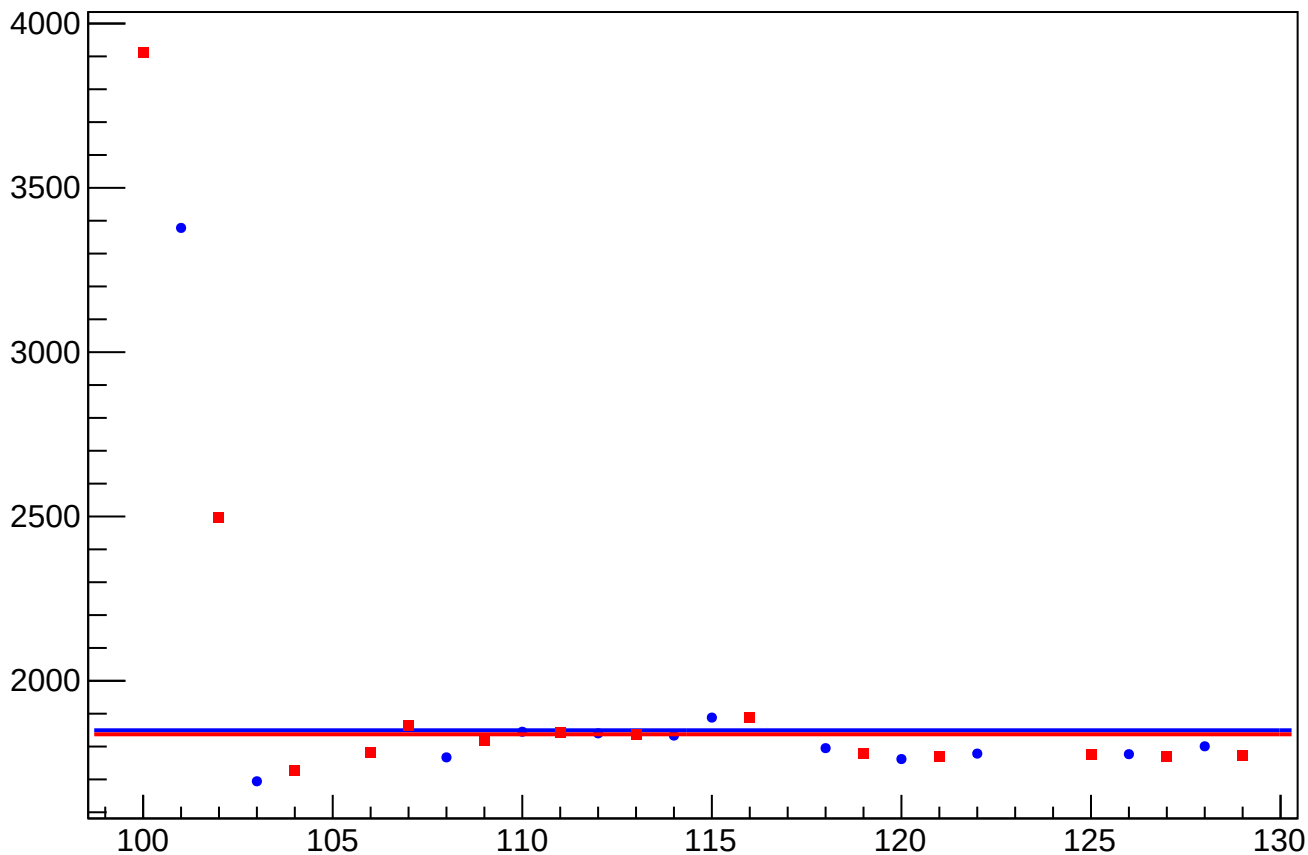
Right: -714.545 ± 572.463 χ^2/NDF : 14.5/25

In: -1069.630 ± 840.130 χ^2/NDF : 4.5/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -714.545 ± 572.463 χ^2/NDF : 14.5/25

dit_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1849.425+/-0.594 χ^2/NDF : 286462.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

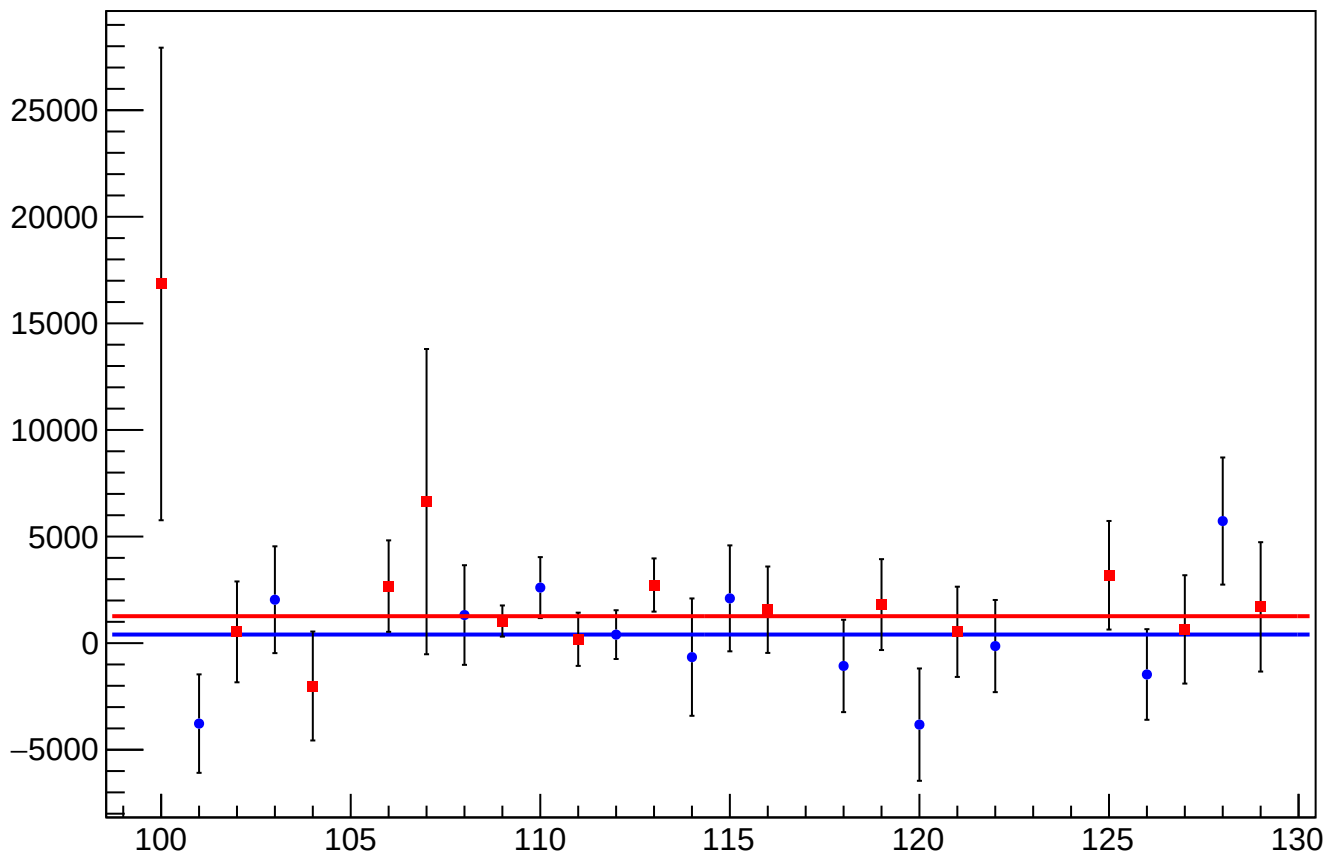
Right: 1842.898+/-0.405 χ^2/NDF : 412120.1/25

In: 1849.425+/-0.594 χ^2/NDF : 286462.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1842.898+/-0.405 χ^2/NDF : 412120.1/25

asym_us_dd_atlr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 403.510+/-579.012 χ^2/NDF : 13.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

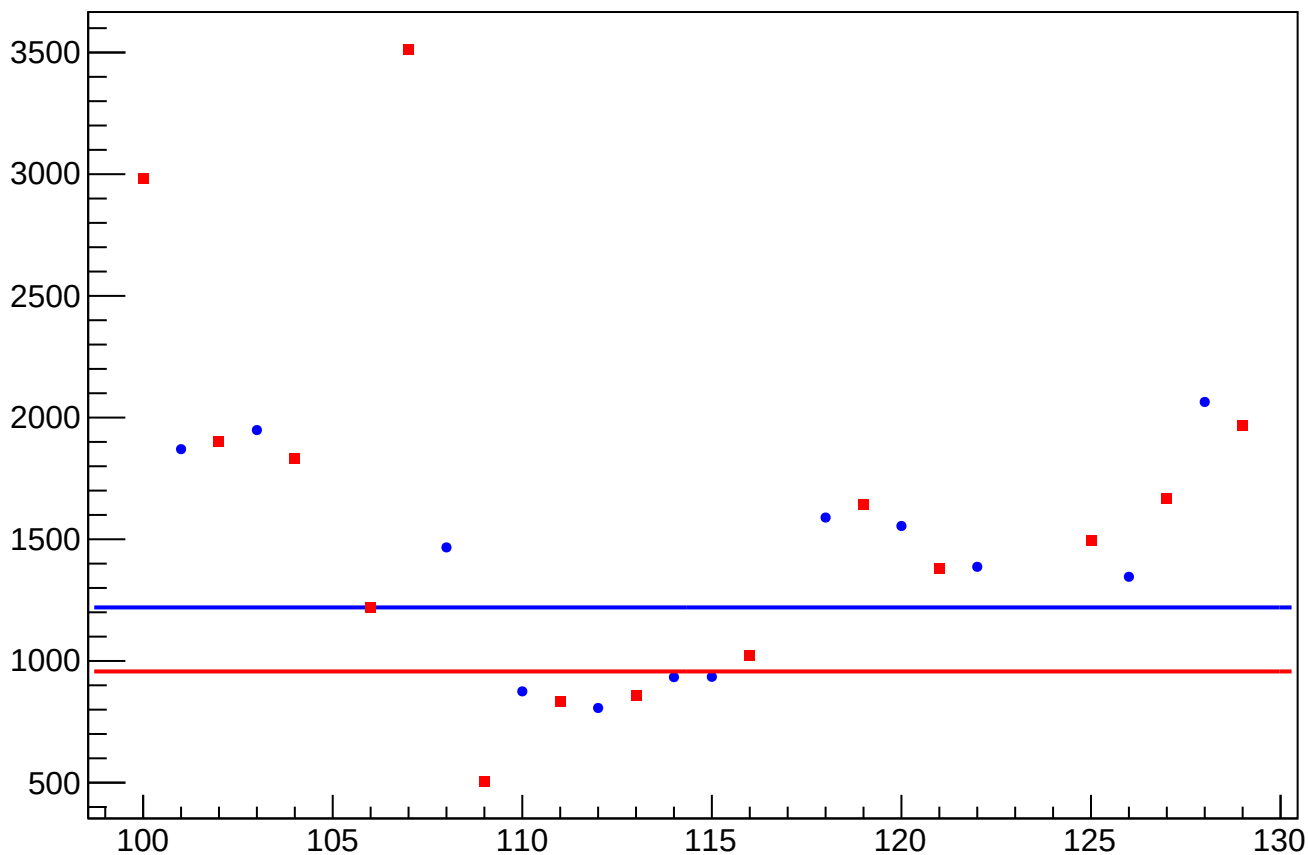
Right: 936.250+/-357.555 χ^2/NDF : 23.1/25

In: 403.510+/-579.012 χ^2/NDF : 13.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 936.250+/-357.555 χ^2/NDF : 23.1/25

asym_us_dd_atlr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1220.007+/-0.409 χ^2/NDF : 1045054.8/11

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

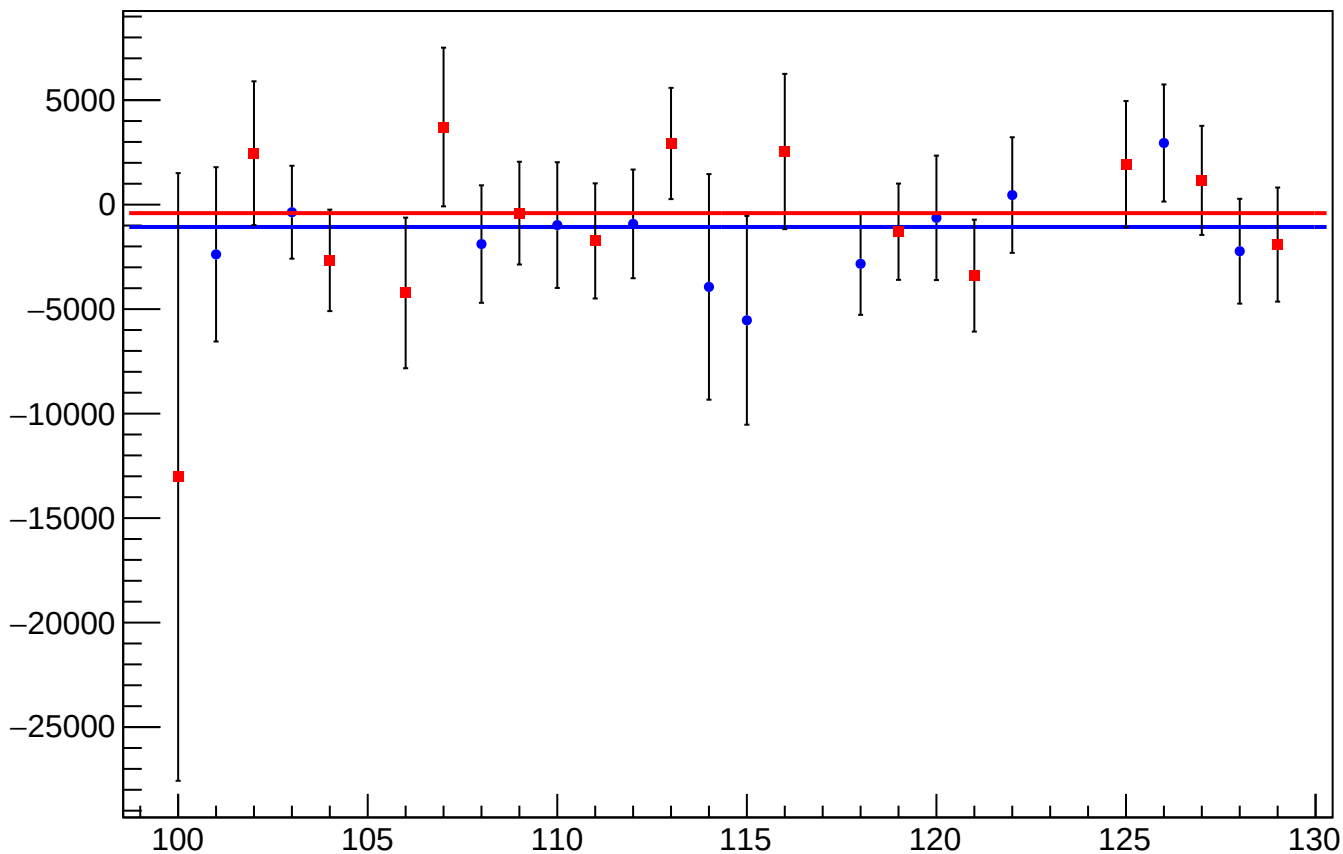
Right: 1057.250+/-0.253 χ^2/NDF : 3764717.6/25

In: 1220.007+/-0.409 χ^2/NDF : 1045054.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1057.250+/-0.253 χ^2/NDF : 3764717.6/25

eigen_dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1069.632 $\pm$ 840.130 χ^2 /NDF: 4.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -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

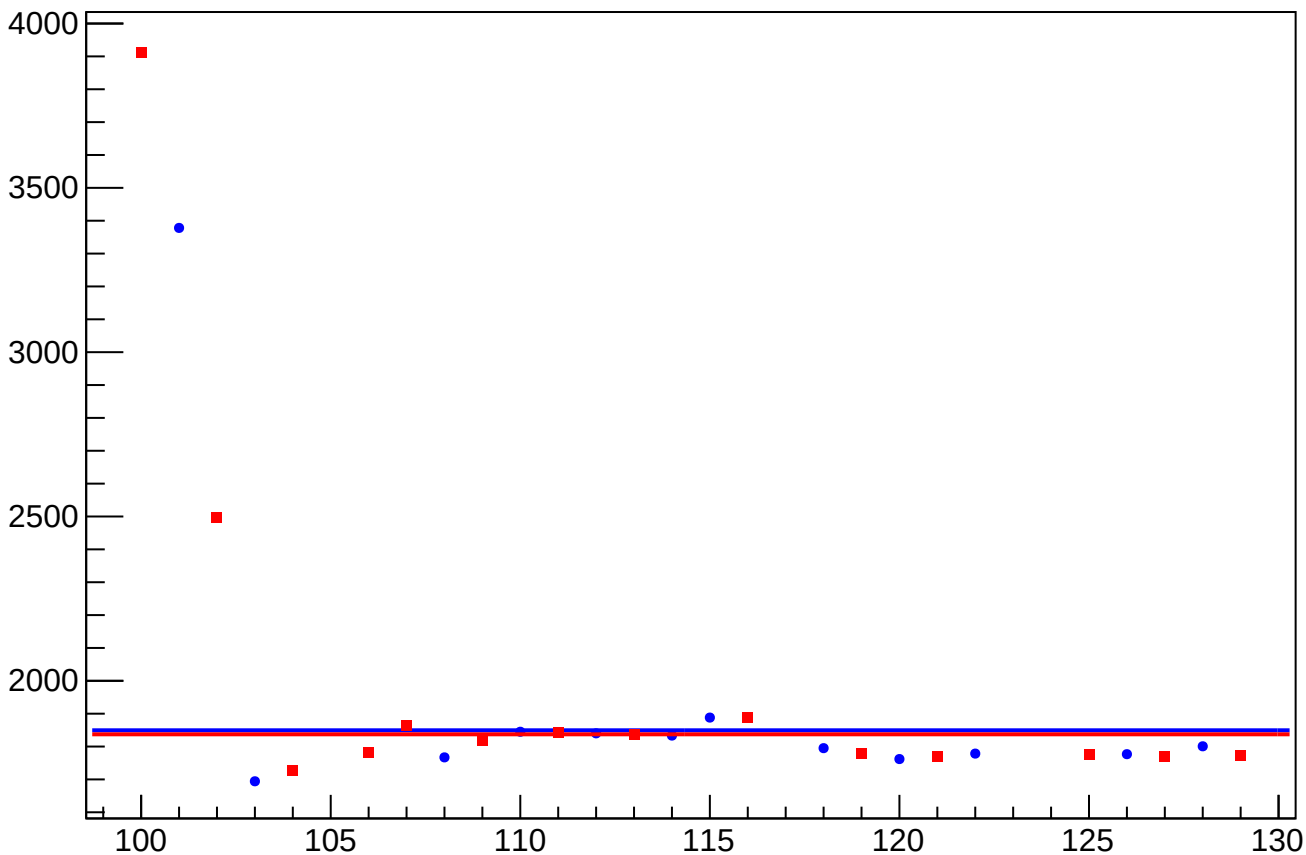
Right: -714.548 $\pm$ 572.463 χ^2 /NDF: 14.5/25

In: -1069.632 $\pm$ 840.130 χ^2 /NDF:4.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -714.548 $\pm$ 572.463 χ^2 /NDF: 14.5/25

eigen_dit_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1849.425+/-0.594 χ^2/NDF : 286462.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

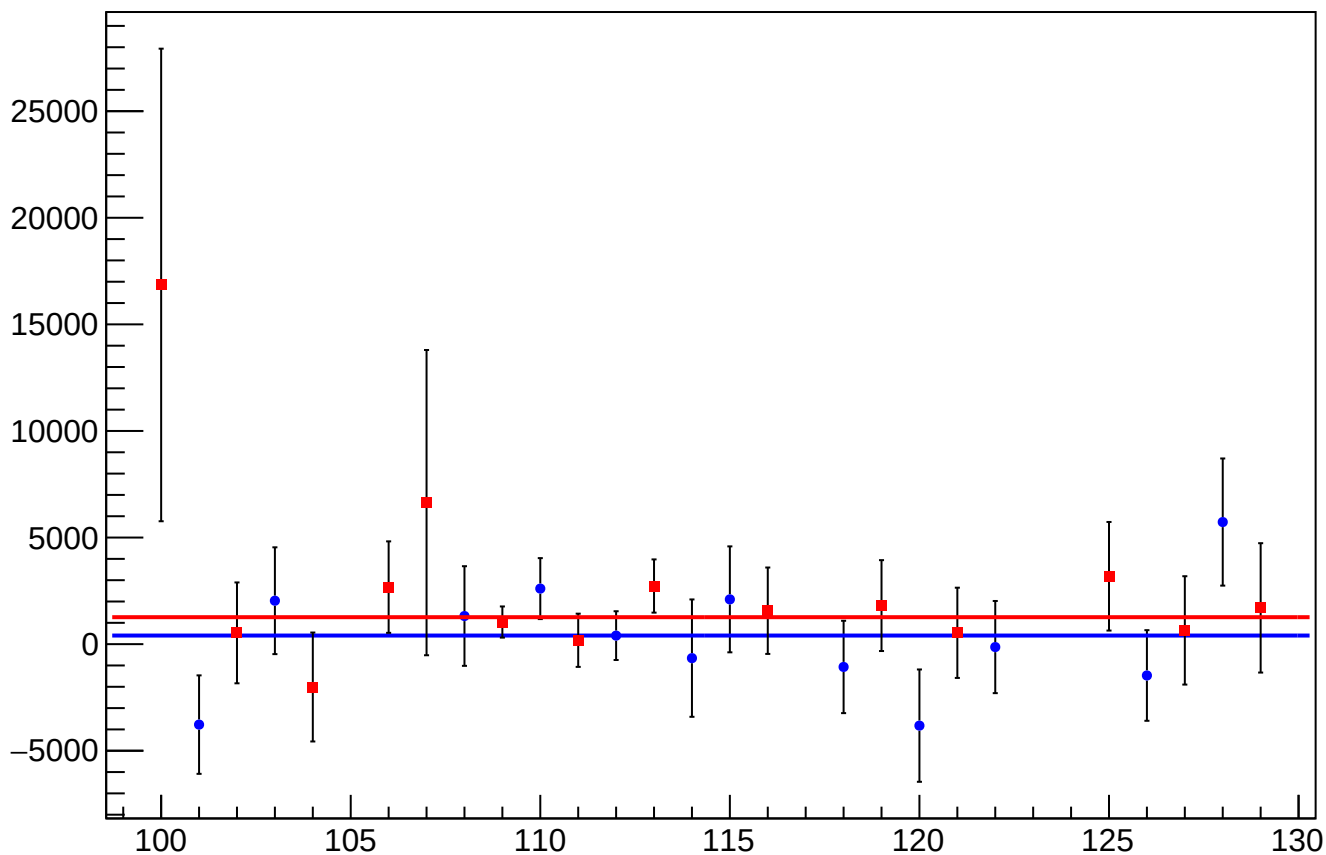
Right: 1842.898+/-0.405 χ^2/NDF : 412120.1/25

In: 1849.425+/-0.594 χ^2/NDF : 286462.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1842.898+/-0.405 χ^2/NDF : 412120.1/25

asym_us_dd_atlr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 403.510+/-579.009 χ^2/NDF : 13.9/11

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

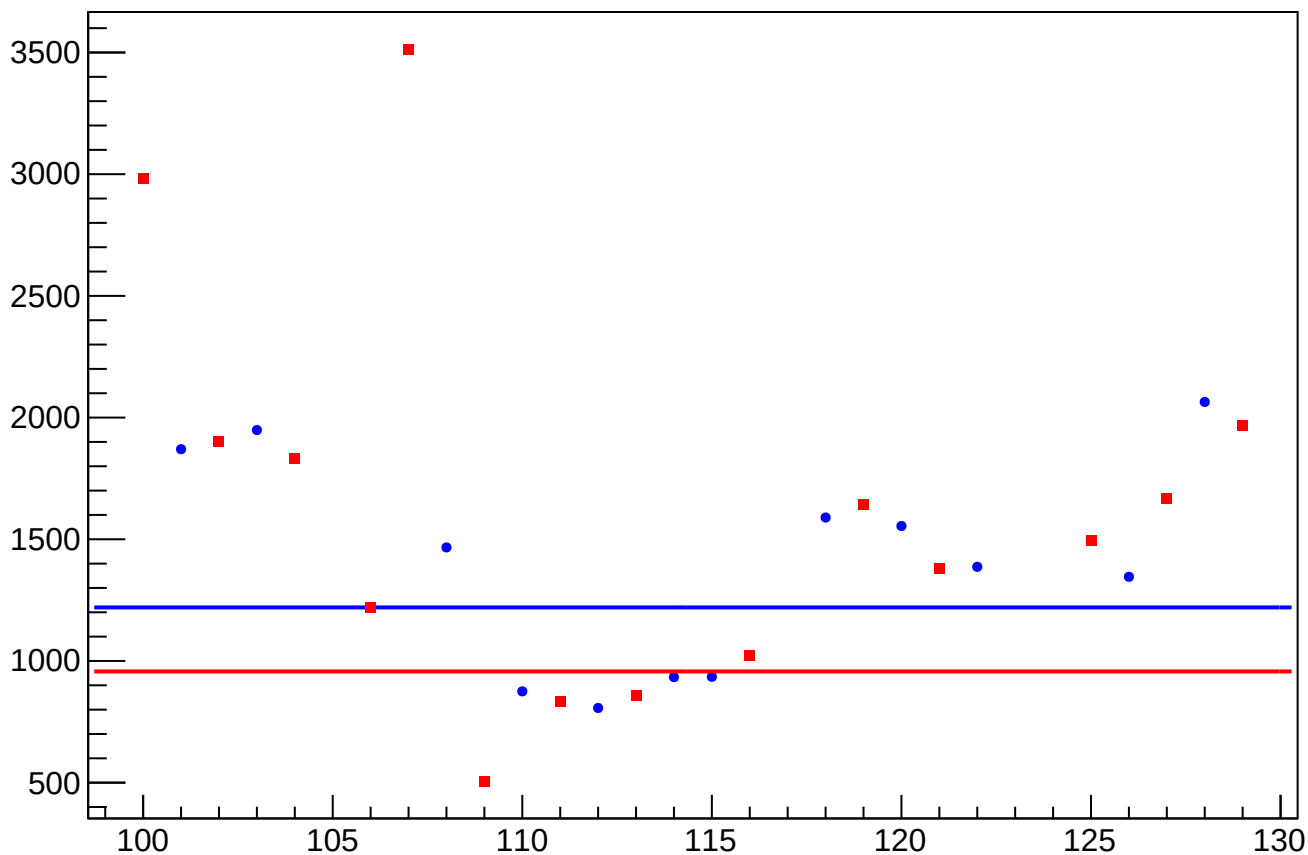
Right: 936.247+/-357.554 χ^2/NDF : 23.1/25

In: 403.510+/-579.009 χ^2/NDF :13.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 936.247+/-357.554 χ^2/NDF : 23.1/25

asym_us_dd_atlr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1219.999 $\pm$ 0.409 χ^2 /NDF: 1045066.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 956.927 $\pm$ 0.321 χ^2 /NDF: 2464219.2/13

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

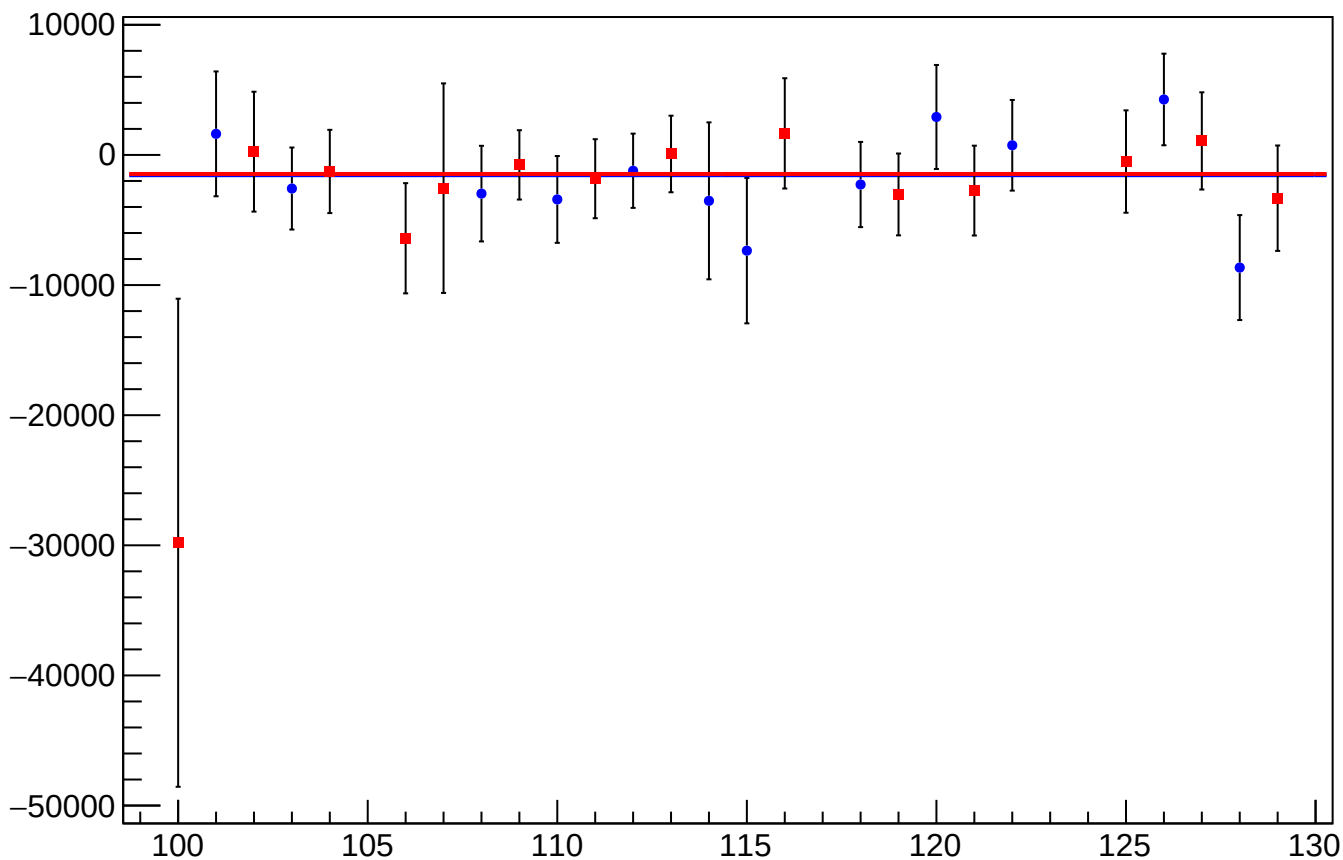
Right: 1057.247 $\pm$ 0.253 χ^2 /NDF: 3764709.1/25

In: 1219.999 $\pm$ 0.409 χ^2 /NDF:1045066.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1057.247 $\pm$ 0.253 χ^2 /NDF: 3764709.1/25

asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1556.565+/-1071.544 χ^2 /NDF: 9.8/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -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

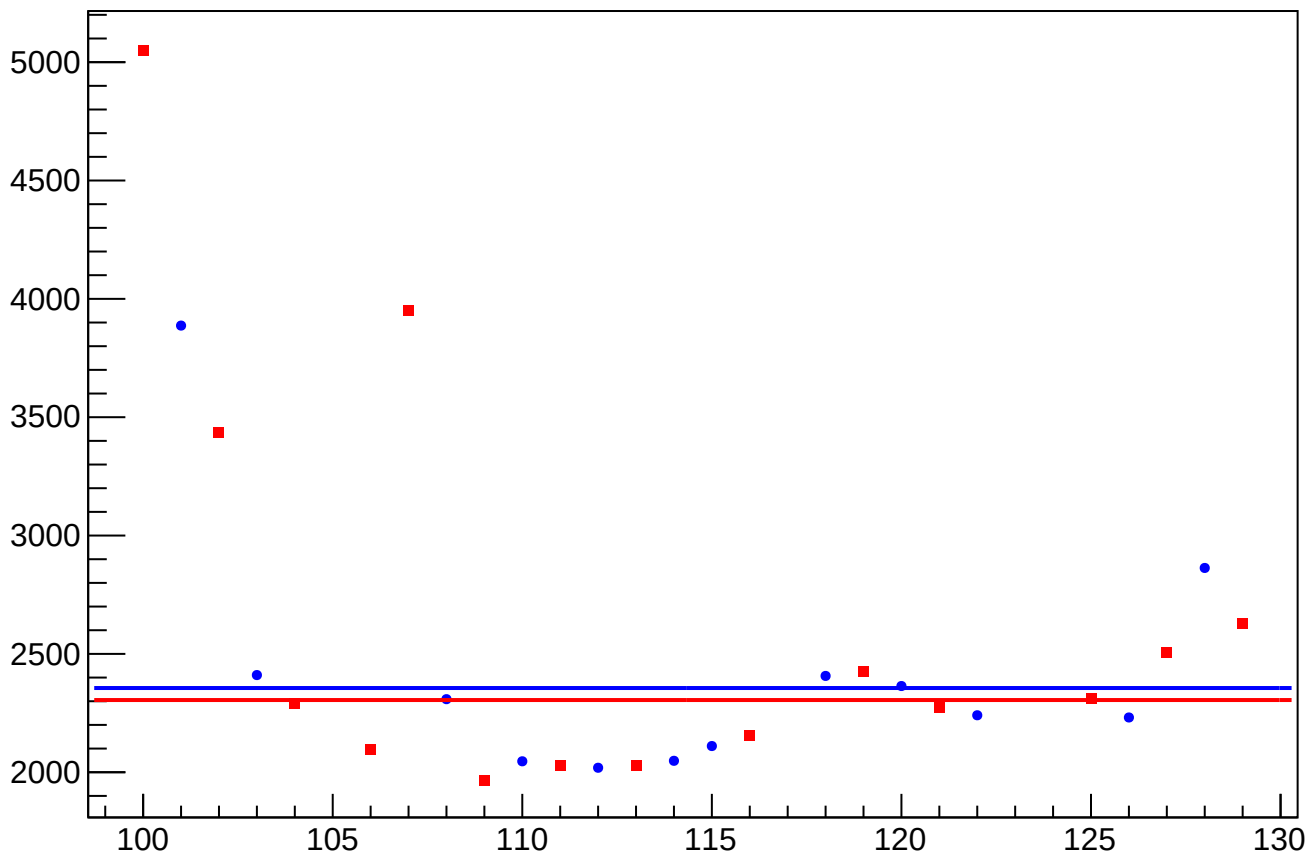
Right: -1505.348+/-726.925 χ^2 /NDF: 15.6/25

In: -1556.565+/-1071.544 χ^2 /NDF: 9.8/11

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1505.348+/-726.925 χ^2 /NDF: 15.6/25

asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2355.836+/-0.758 χ^2/NDF : 295723.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

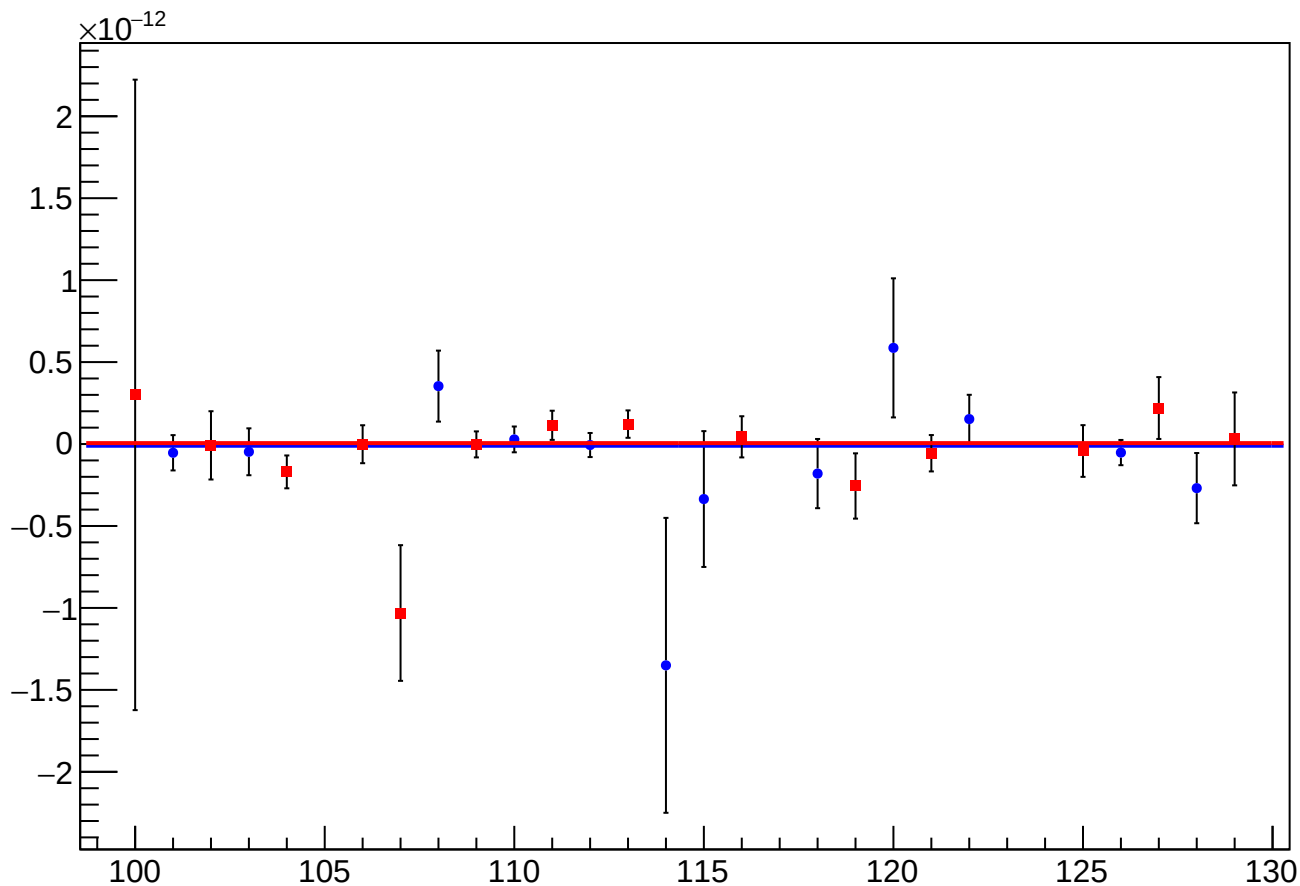
Right: 2328.418+/-0.514 χ^2/NDF : 640636.1/25

In: 2355.836+/-0.758 χ^2/NDF : 295723.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2328.418+/-0.514 χ^2/NDF : 640636.1/25

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

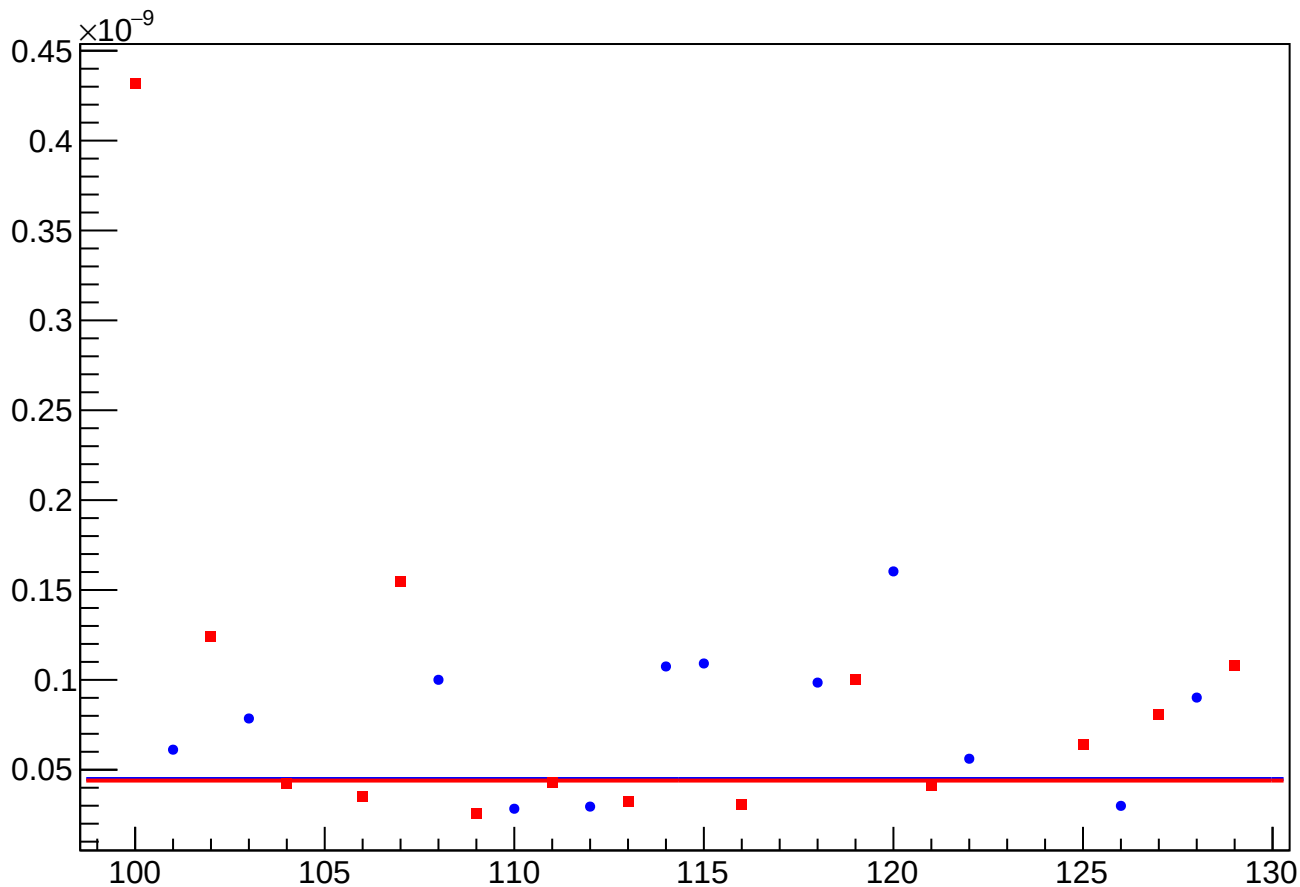
Right: -0.000+/-0.000 χ^2/NDF : 28.1/25

In: -0.000+/-0.000 χ^2/NDF : 11.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.1/25

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 973355.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

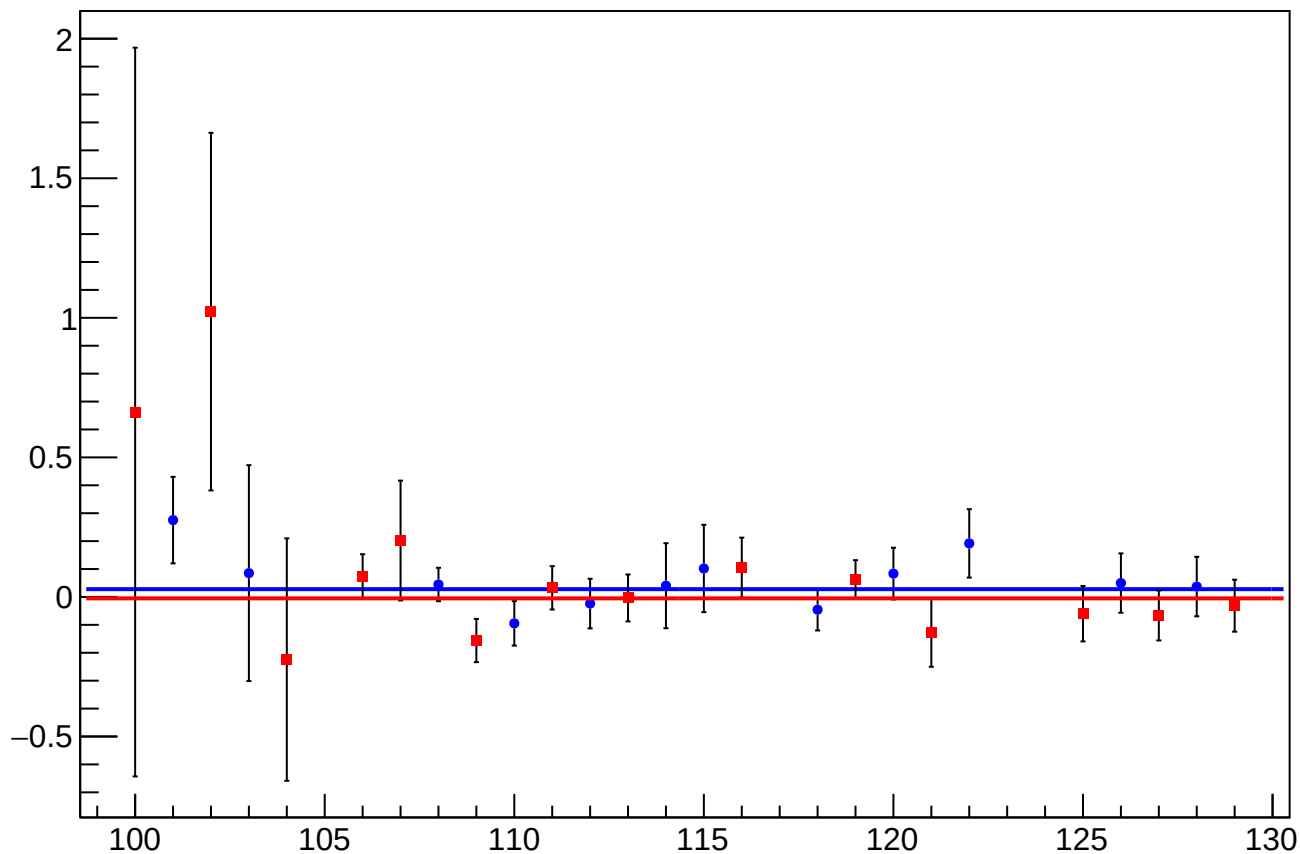
Right: 0.000+/-0.000 χ^2/NDF : 2046278.0/25

In: 0.000+/-0.000 χ^2/NDF : 973355.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2046278.0/25

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.028 $\pm$ 0.028 χ^2 /NDF: 8.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.005 $\pm$ 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

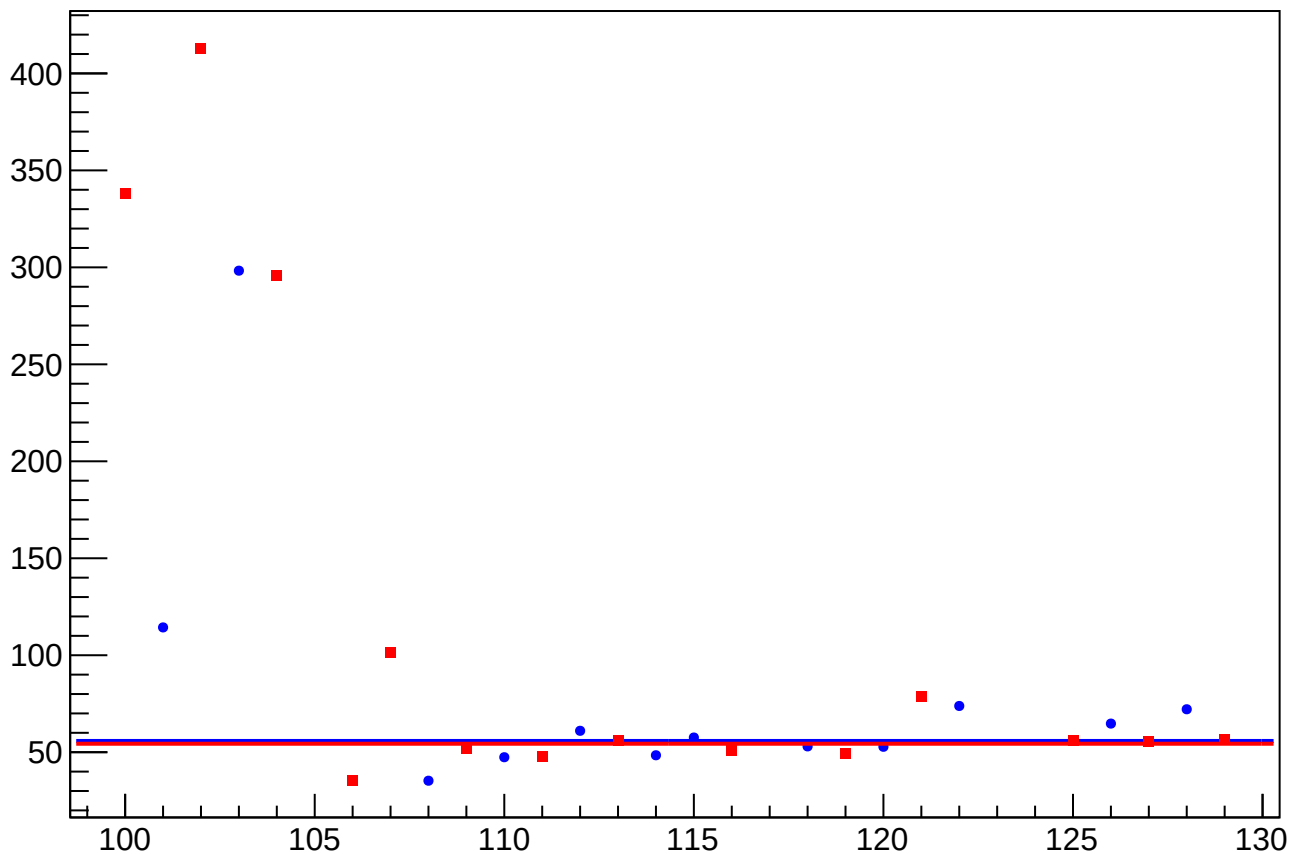
Right: 0.011 $\pm$ 0.020 χ^2 /NDF: 22.5/25

In: 0.028 $\pm$ 0.028 χ^2 /NDF:8.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.020 χ^2 /NDF: 22.5/25

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.798+/-0.020 χ^2/NDF : 1450197.3/11

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

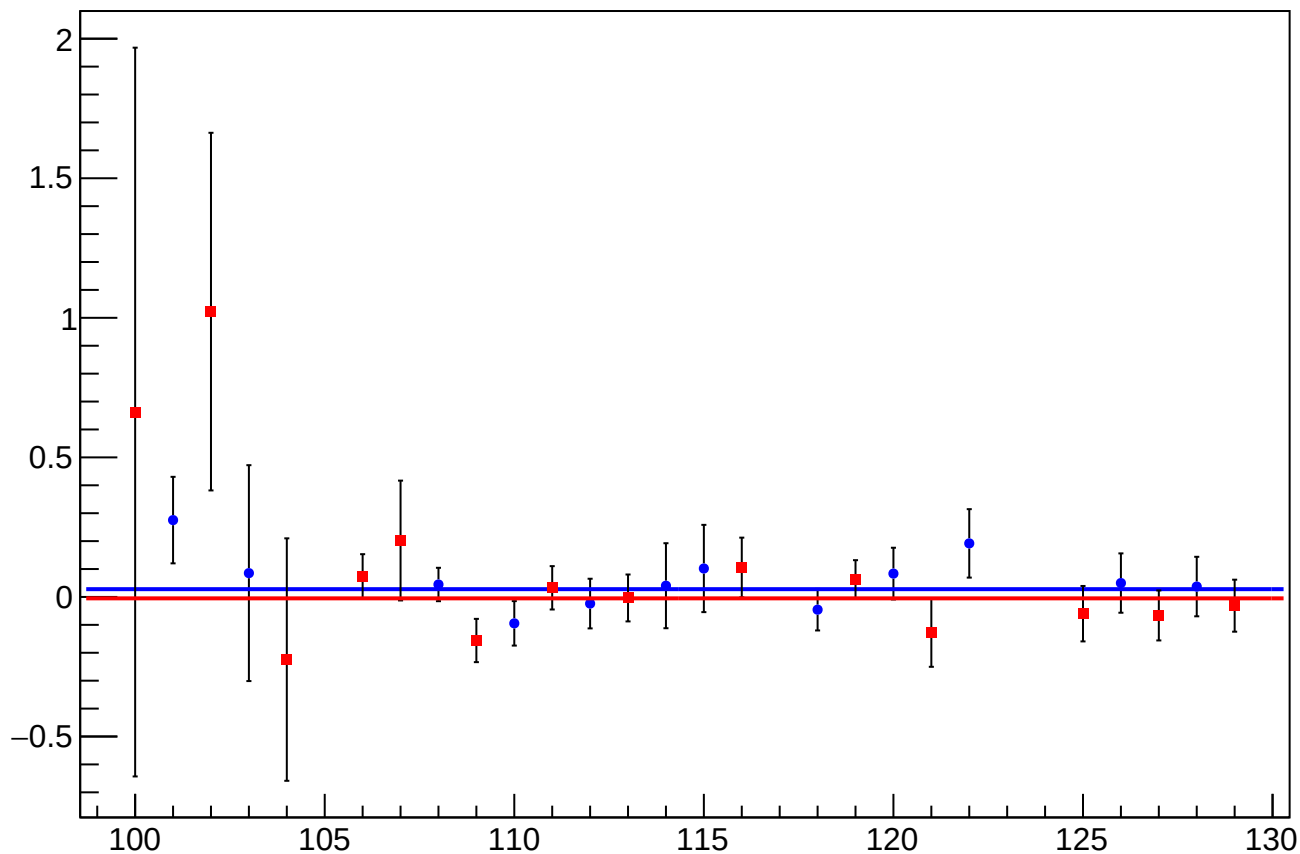
Right: 55.044+/-0.014 χ^2/NDF : 3115689.0/25

In: 55.798+/-0.020 χ^2/NDF :1450197.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 55.044+/-0.014 χ^2/NDF : 3115689.0/25

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.028 $\pm$ 0.028 χ^2 /NDF: 8.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.005 $\pm$ 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

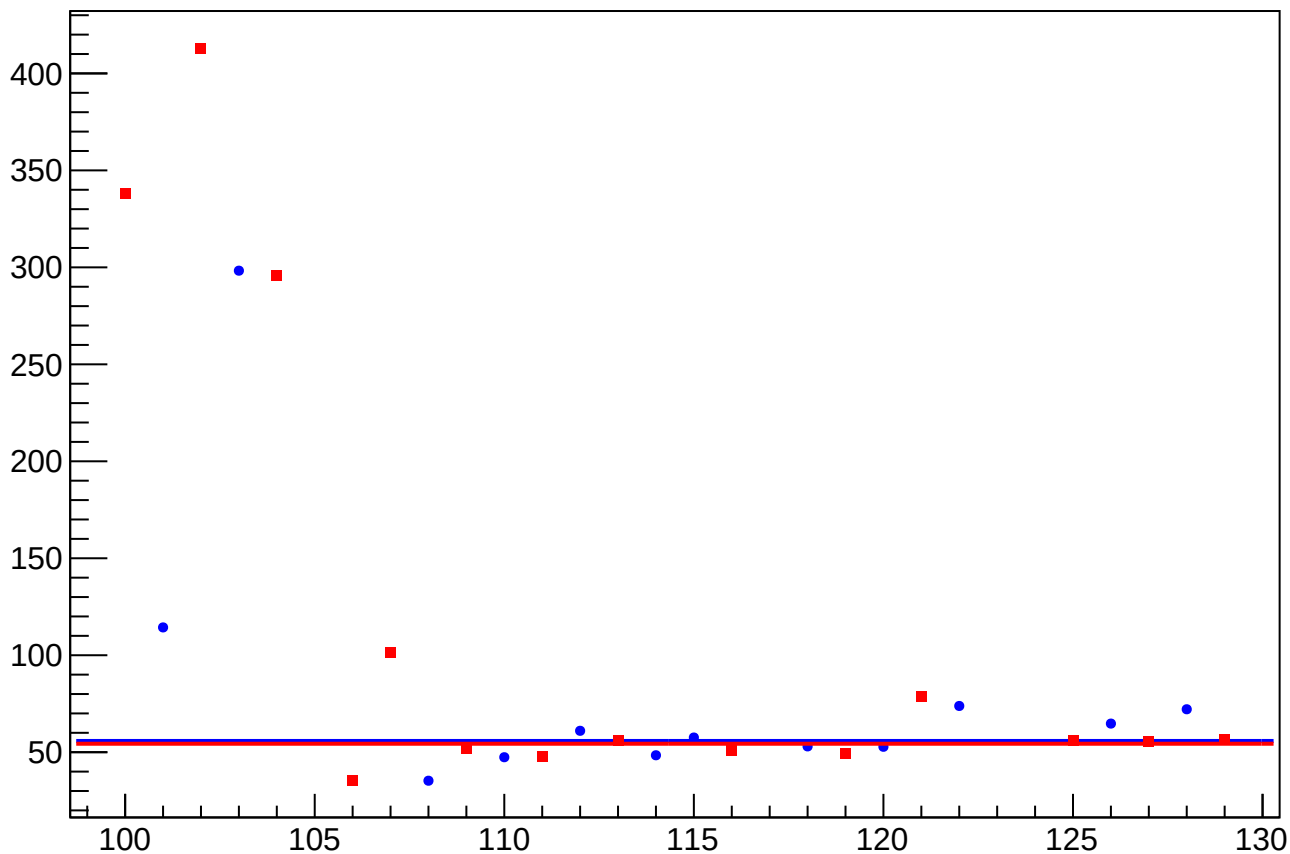
Right: 0.011 $\pm$ 0.020 χ^2 /NDF: 22.5/25

In: 0.028 $\pm$ 0.028 χ^2 /NDF:8.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.020 χ^2 /NDF: 22.5/25

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.798 $\pm$ 0.020 χ^2 /NDF: 1450197.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 54.366 $\pm$ 0.019 χ^2 /NDF: 1662823.7/13

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

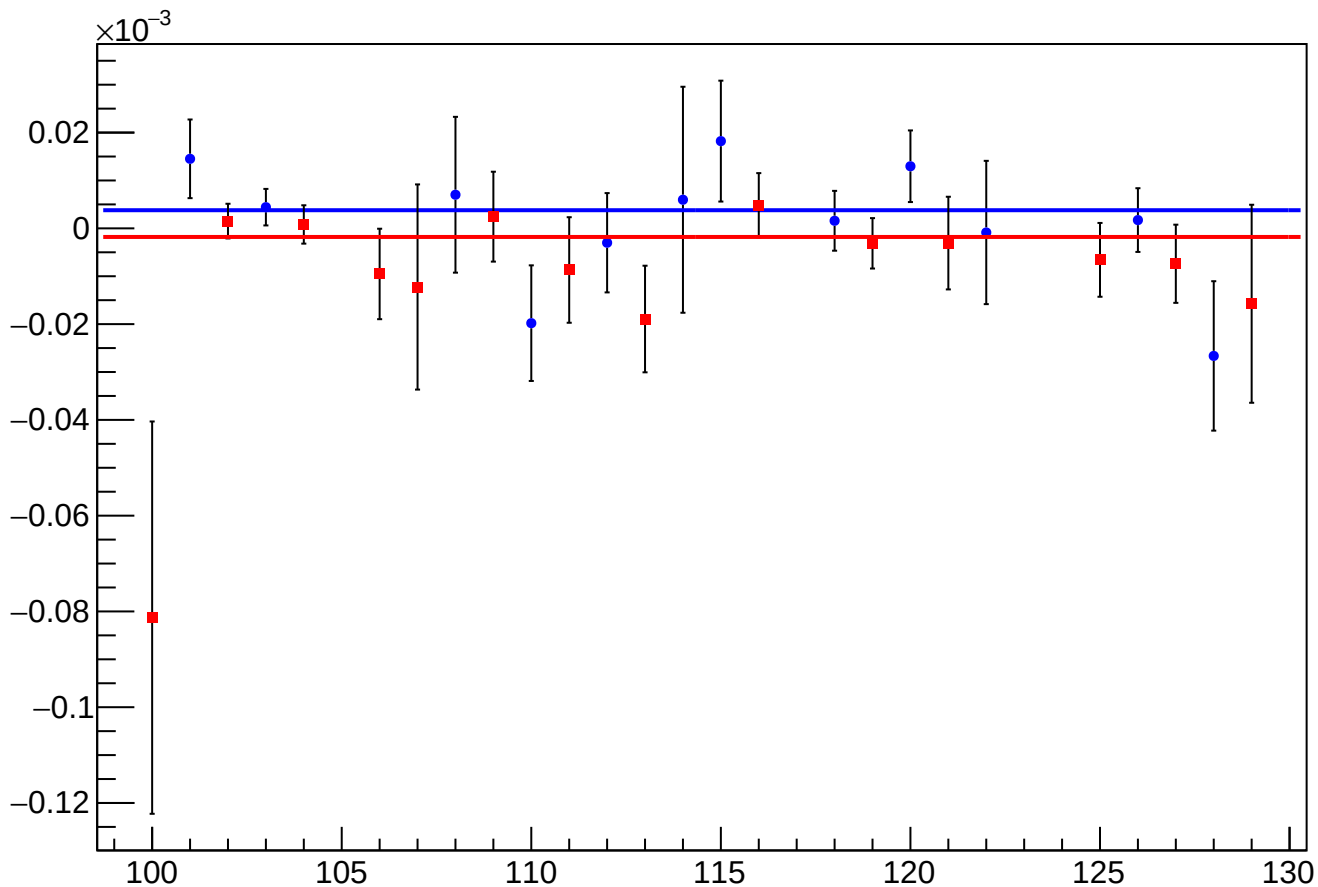
Right: 55.044 $\pm$ 0.014 χ^2 /NDF: 3115689.0/25

In: 55.798 $\pm$ 0.020 χ^2 /NDF:1450197.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 55.044 $\pm$ 0.014 χ^2 /NDF: 3115689.0/25

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 : 13.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

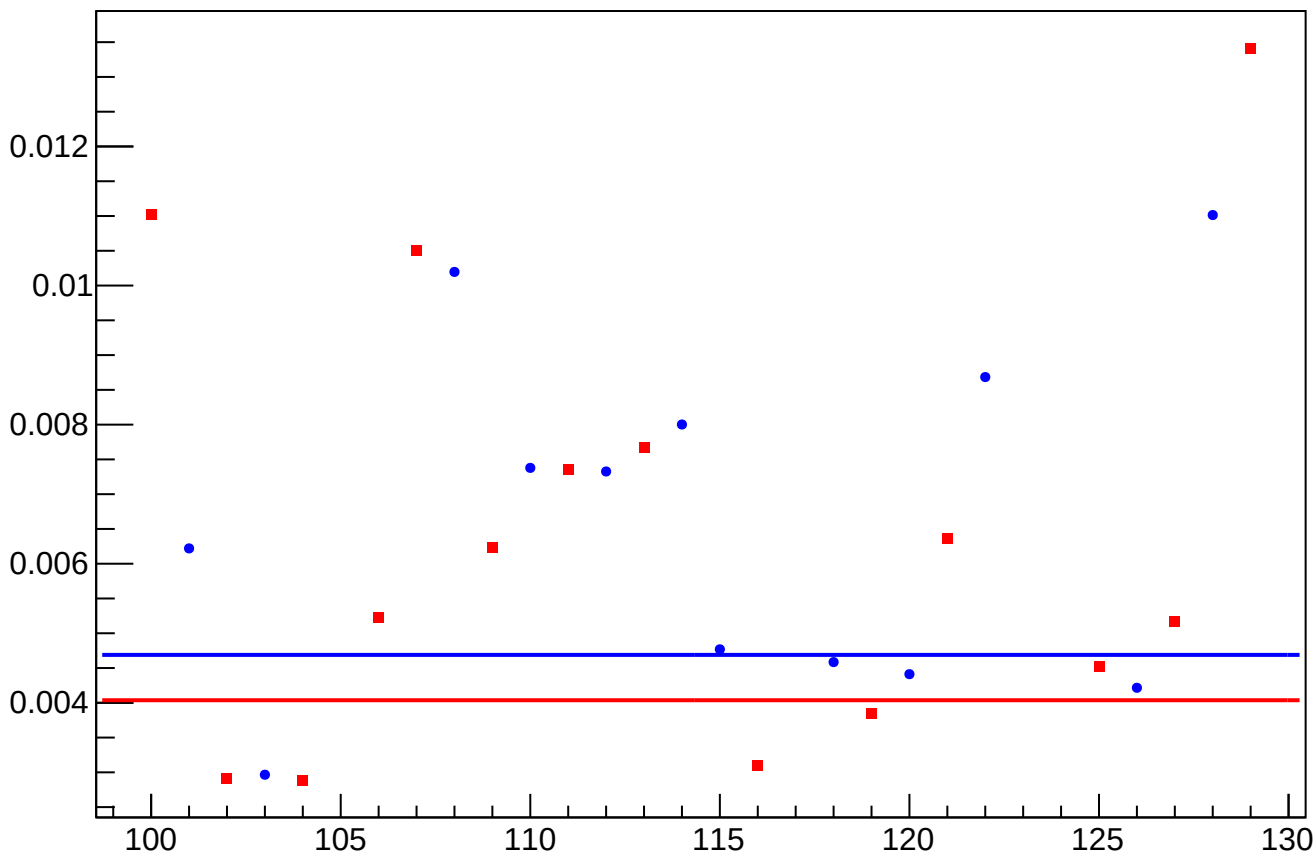
Right: 0.000+/-0.000 χ^2/NDF : 27.7/25

In: 0.000+/-0.000 χ^2/NDF : 13.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.7/25

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 : 1459929.8/11

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

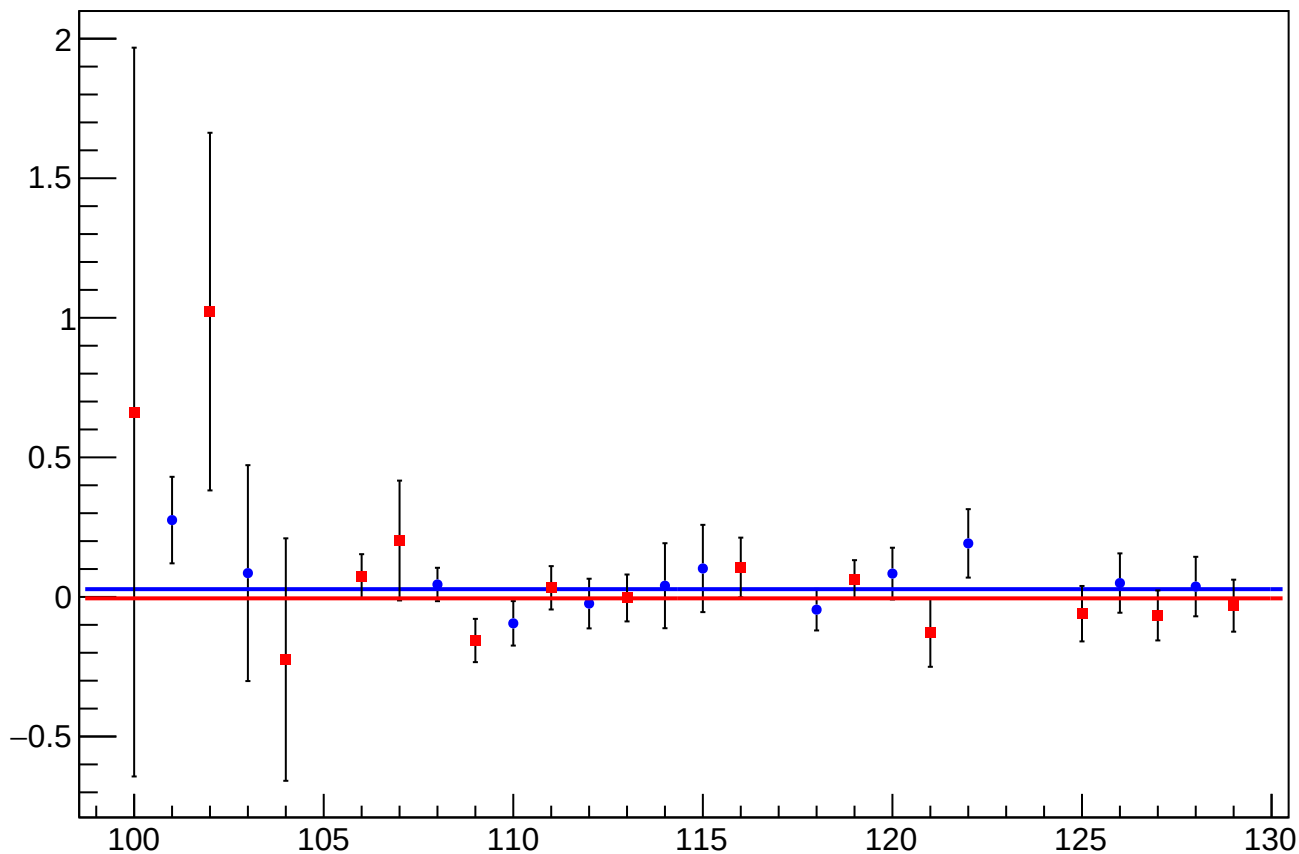
Right: 0.004+/-0.000 χ^2/NDF : 3301706.2/25

In: 0.005+/-0.000 χ^2/NDF :1459929.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 3301706.2/25

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.028+/-0.028 χ^2/NDF : 8.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.005+/-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

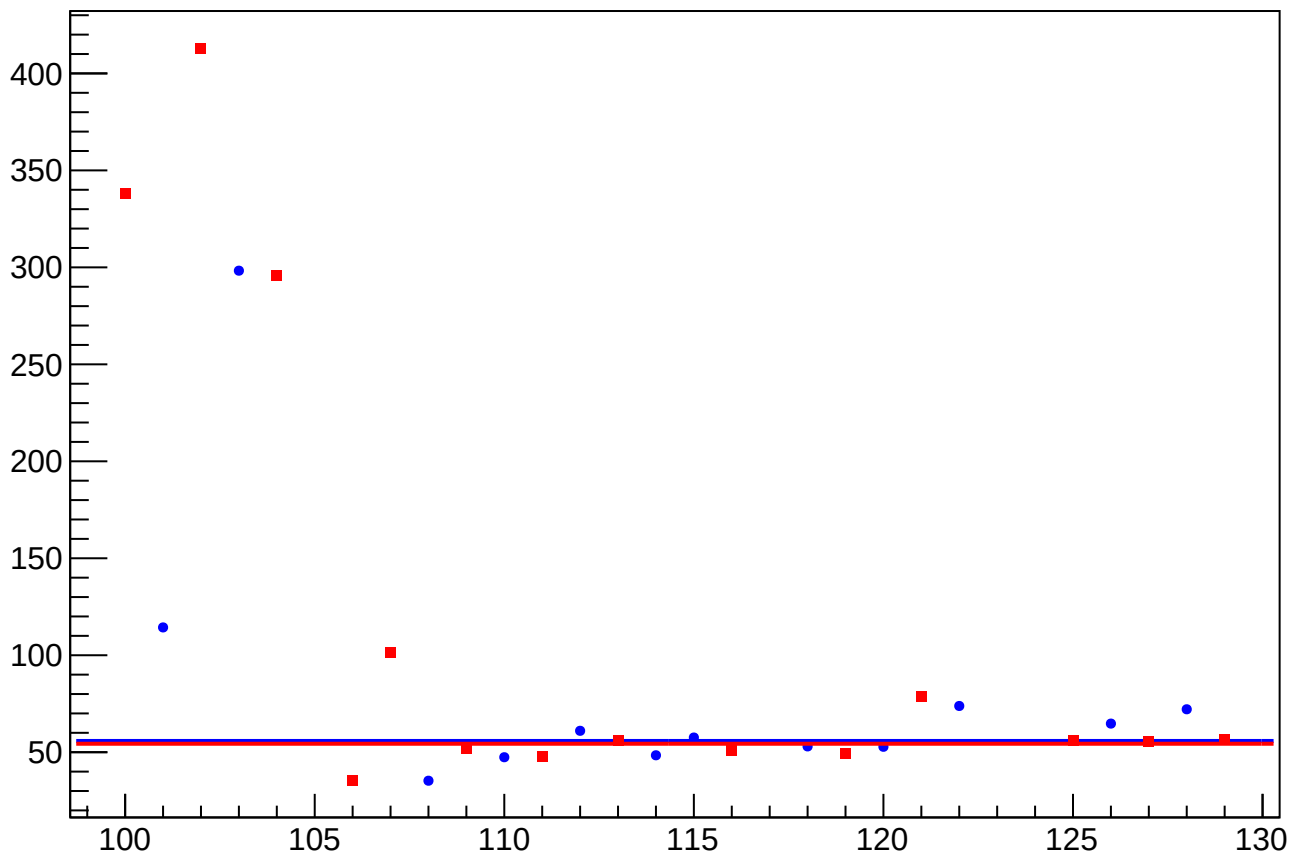
Right: 0.011+/-0.020 χ^2/NDF : 22.5/25

In: 0.028+/-0.028 χ^2/NDF : 8.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.020 χ^2/NDF : 22.5/25

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.800+/-0.020 χ^2/NDF : 1450078.0/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 54.366+/-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

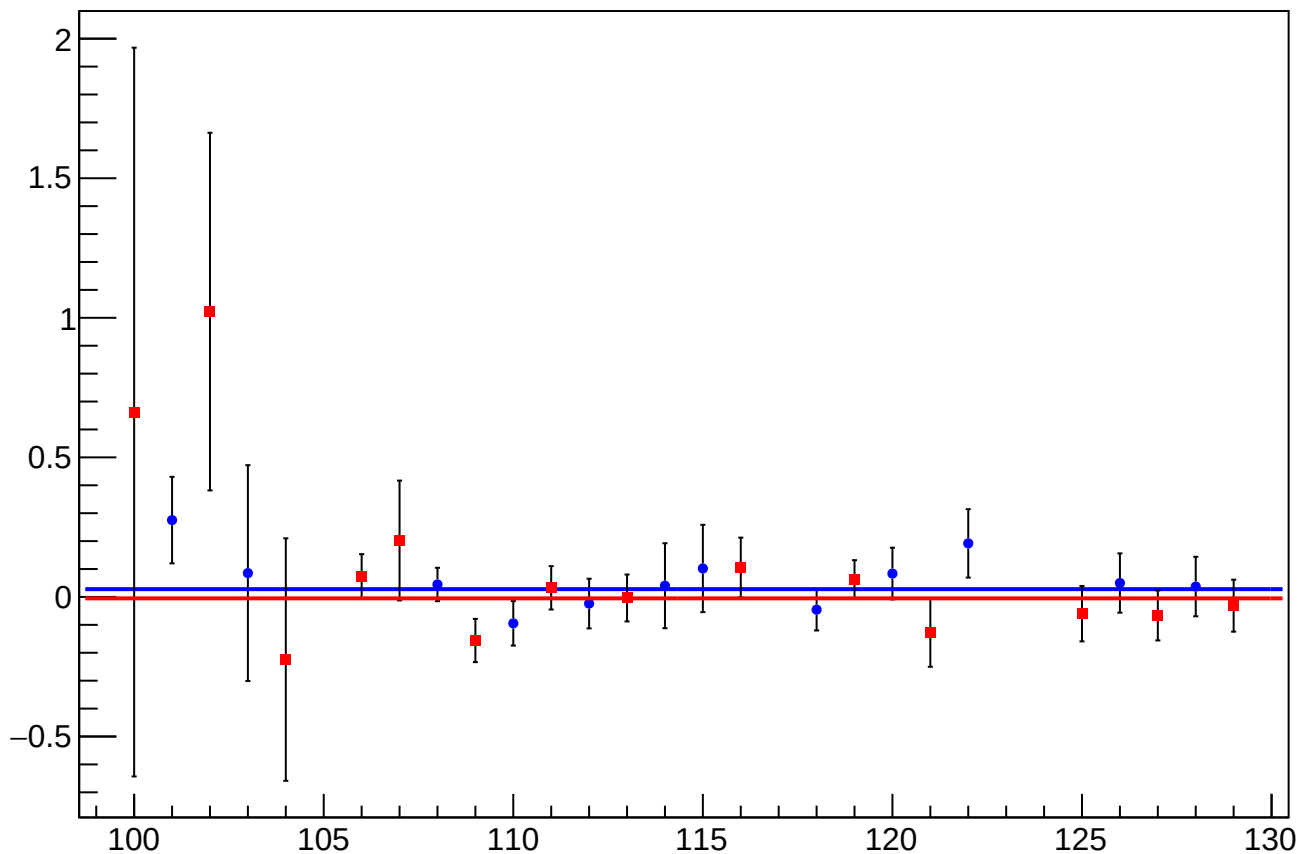
Right: 55.045+/-0.014 χ^2/NDF : 3115546.6/25

In: 55.800+/-0.020 χ^2/NDF :1450078.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 55.045+/-0.014 χ^2/NDF : 3115546.6/25

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.028 $\pm$ 0.028 χ^2 /NDF: 8.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.005 $\pm$ 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

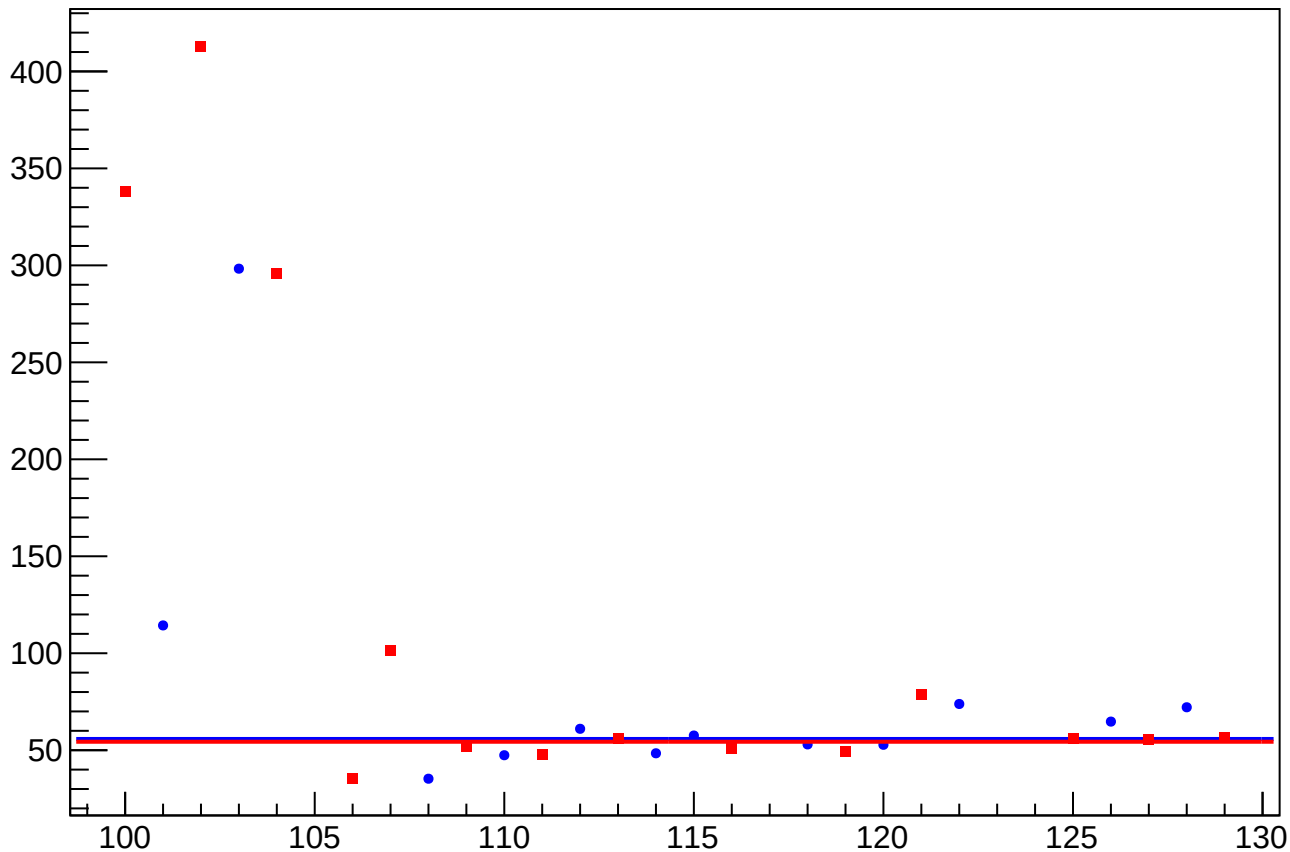
Right: 0.011 $\pm$ 0.020 χ^2 /NDF: 22.5/25

In: 0.028 $\pm$ 0.028 χ^2 /NDF:8.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.020 χ^2 /NDF: 22.5/25

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.800+/-0.020 χ^2/NDF : 1450078.0/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 54.366+/-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

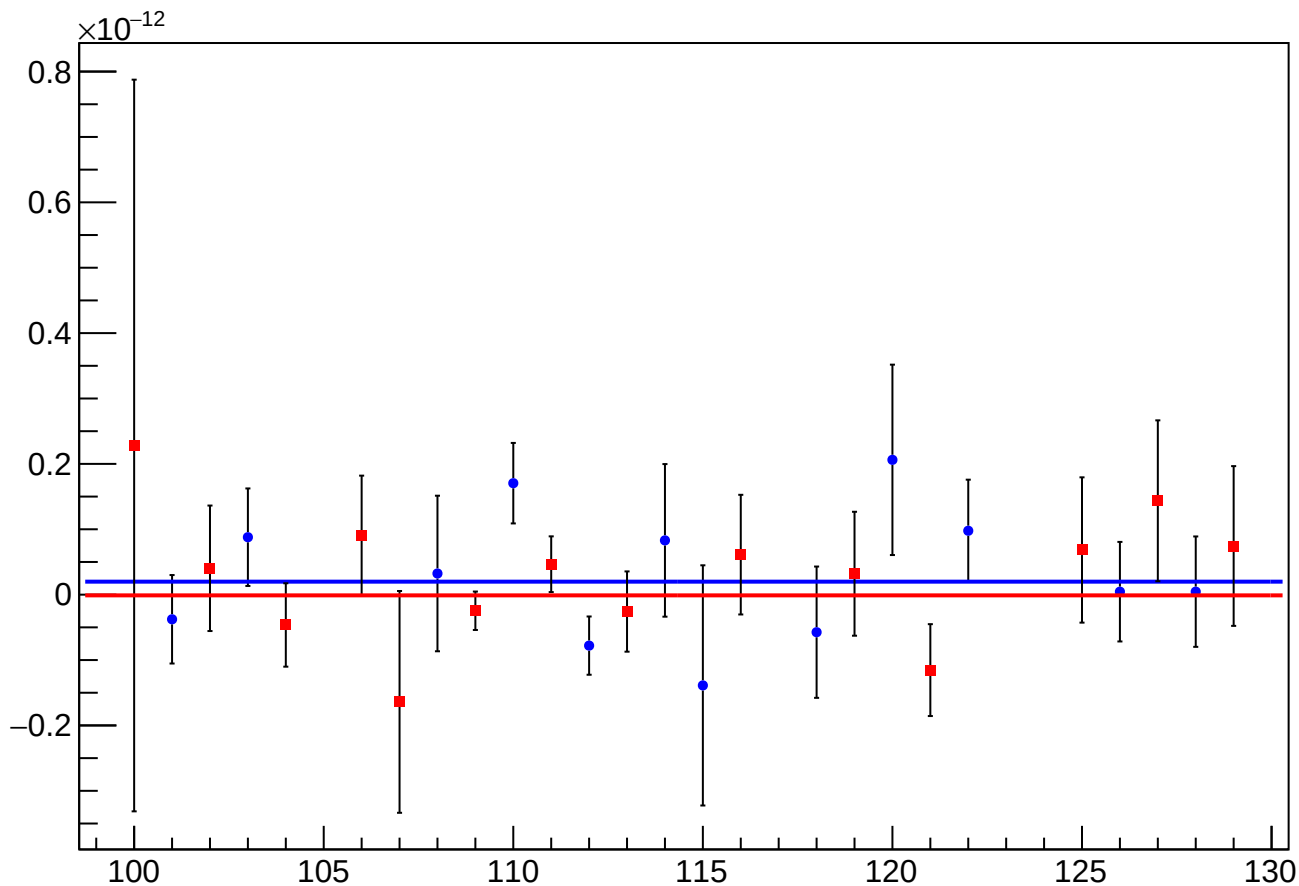
Right: 55.045+/-0.014 χ^2/NDF : 3115546.6/25

In: 55.800+/-0.020 χ^2/NDF :1450078.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 55.045+/-0.014 χ^2/NDF : 3115546.6/25

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 : 16.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

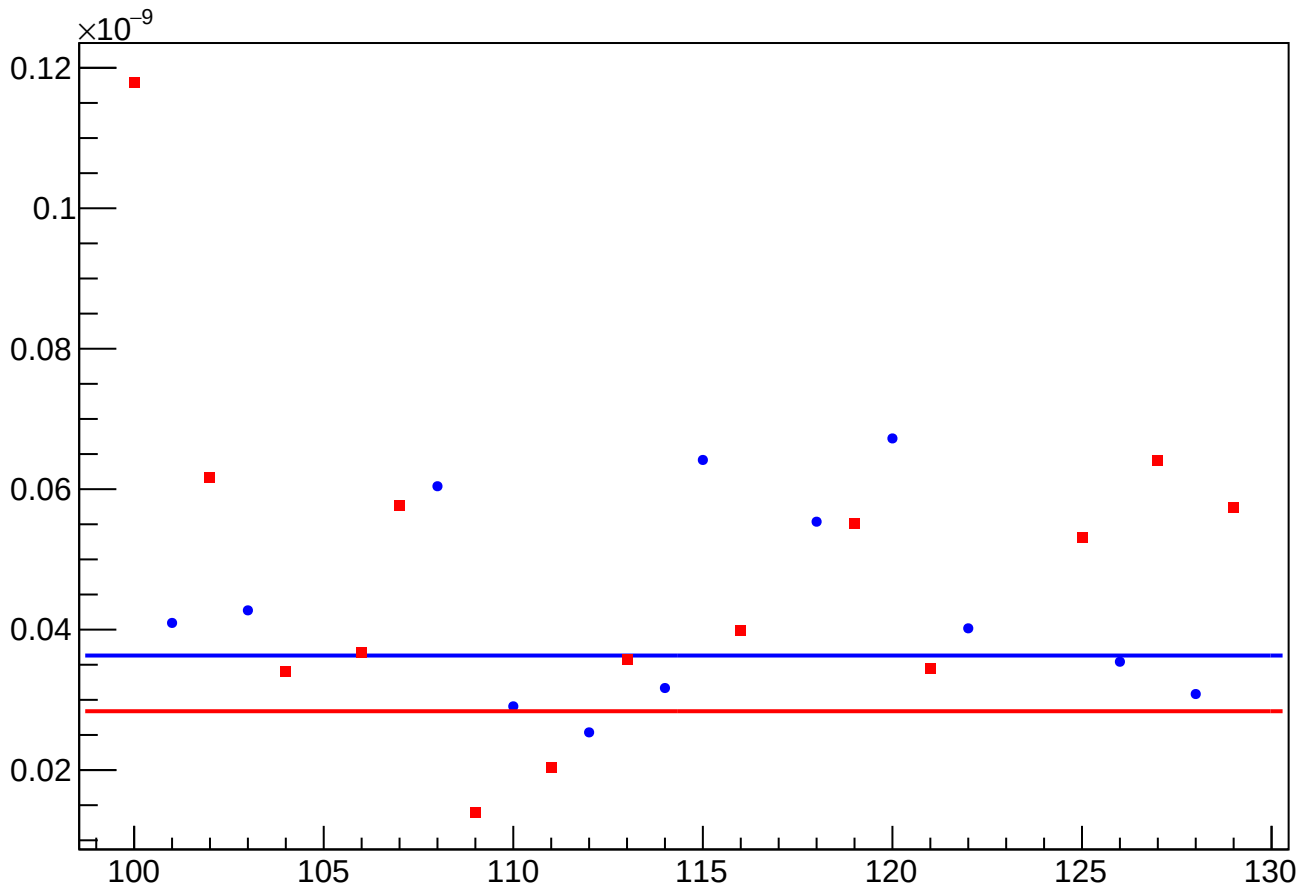
Right: 0.000+/-0.000 χ^2/NDF : 27.5/25

In: 0.000+/-0.000 χ^2/NDF : 16.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.5/25

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 : 479729.3/11

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

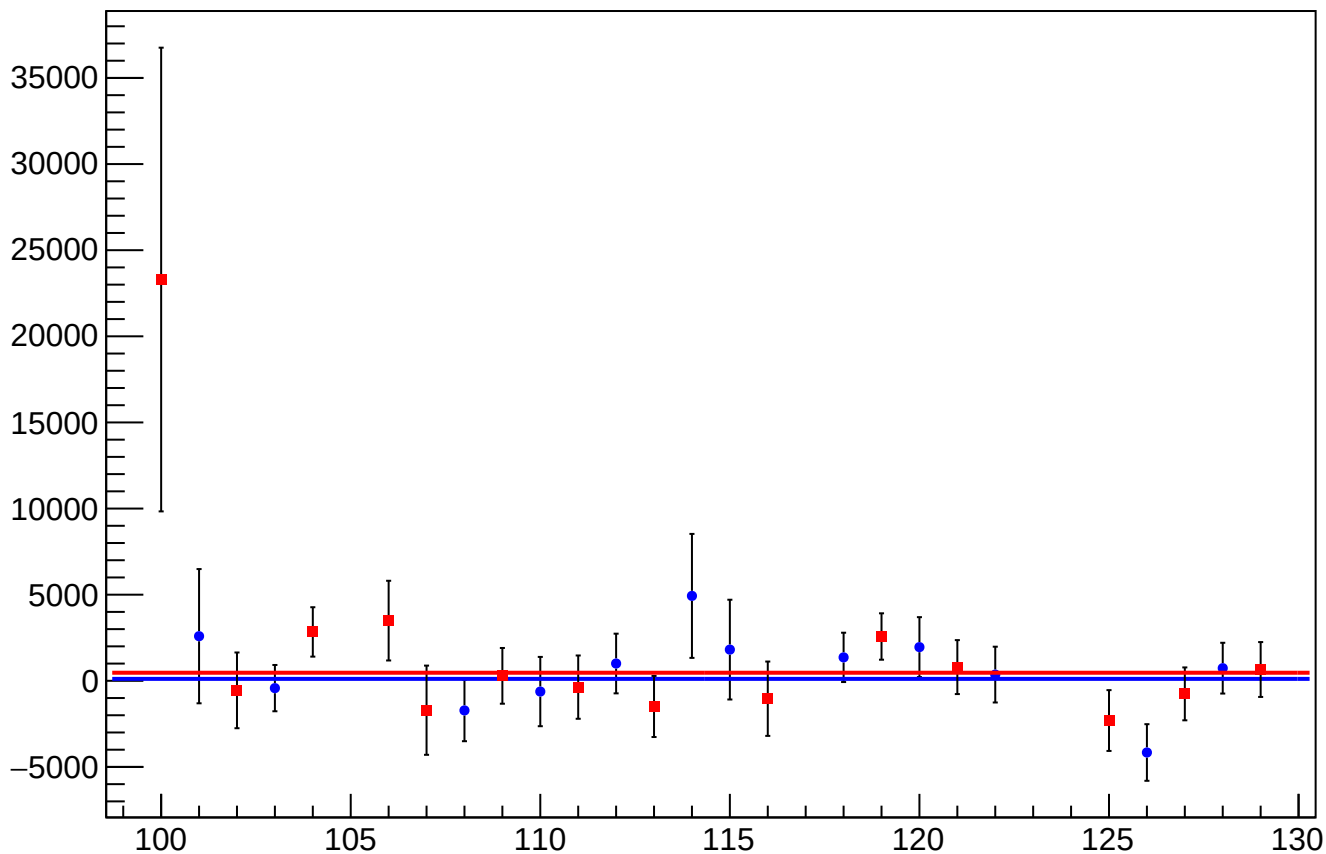
Right: 0.000+/-0.000 χ^2/NDF : 2182166.3/25

In: 0.000+/-0.000 χ^2/NDF : 479729.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2182166.3/25

reg_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 111.913+/-517.134 χ^2/NDF : 13.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

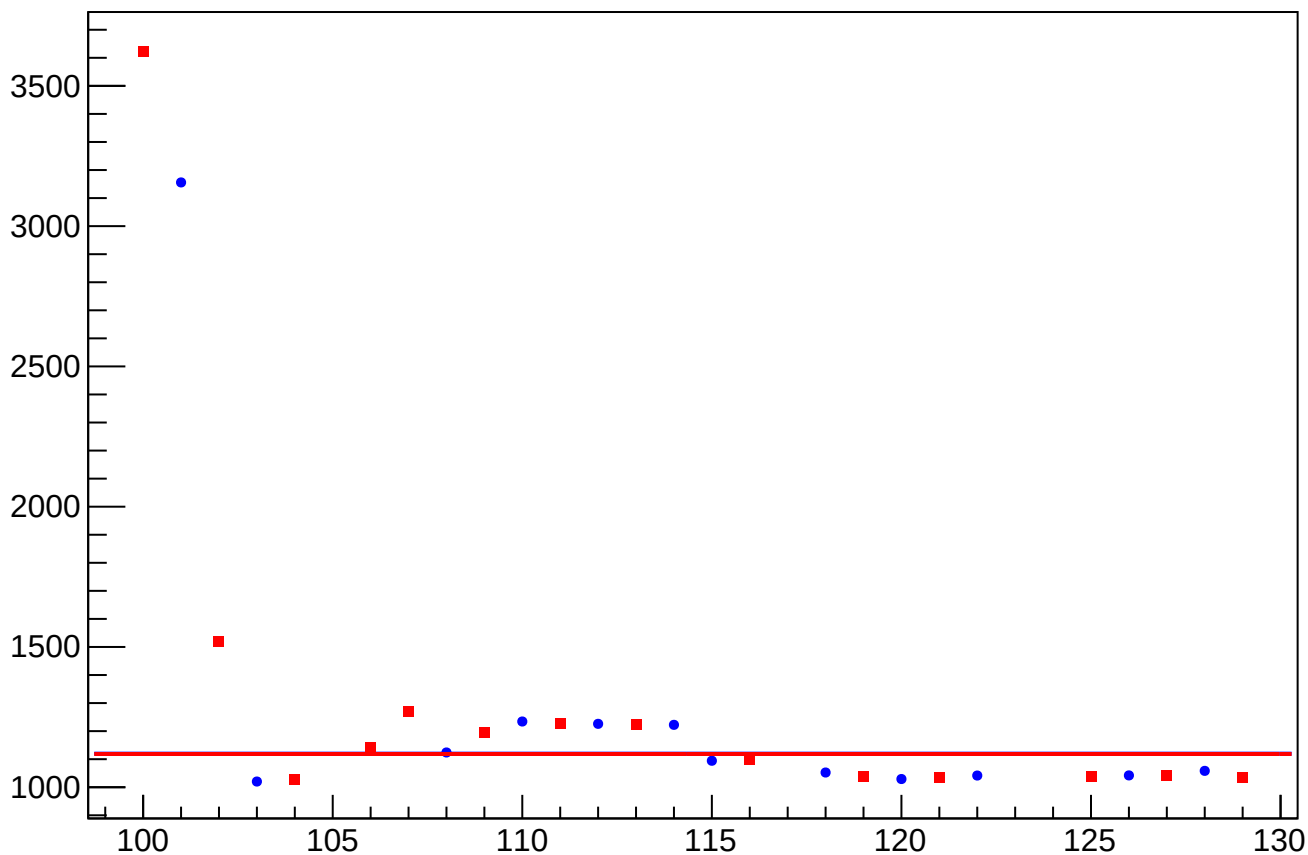
Right: 303.446+/-351.724 χ^2/NDF : 29.0/25

In: 111.913+/-517.134 χ^2/NDF : 13.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 303.446+/-351.724 χ^2/NDF : 29.0/25

reg_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1119.604+/-0.366 χ^2/NDF : 595087.4/11

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

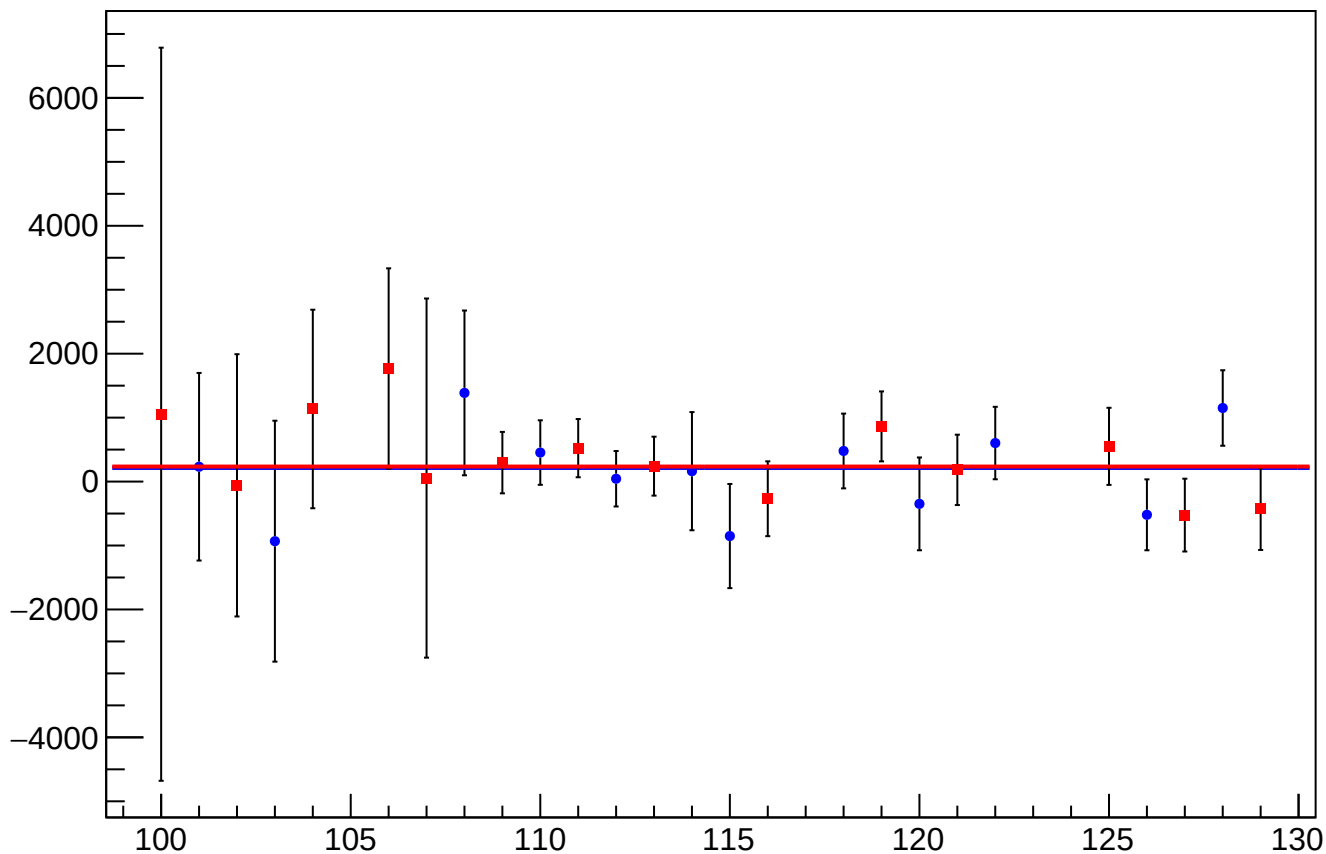
Right: 1119.023+/-0.249 χ^2/NDF : 792616.2/25

In: 1119.604+/-0.366 χ^2/NDF : 595087.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1119.023+/-0.249 χ^2/NDF : 792616.2/25

asym_us_dd_atlr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 213.223+/-191.257 χ^2/NDF : 8.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 234.862+/-174.311 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

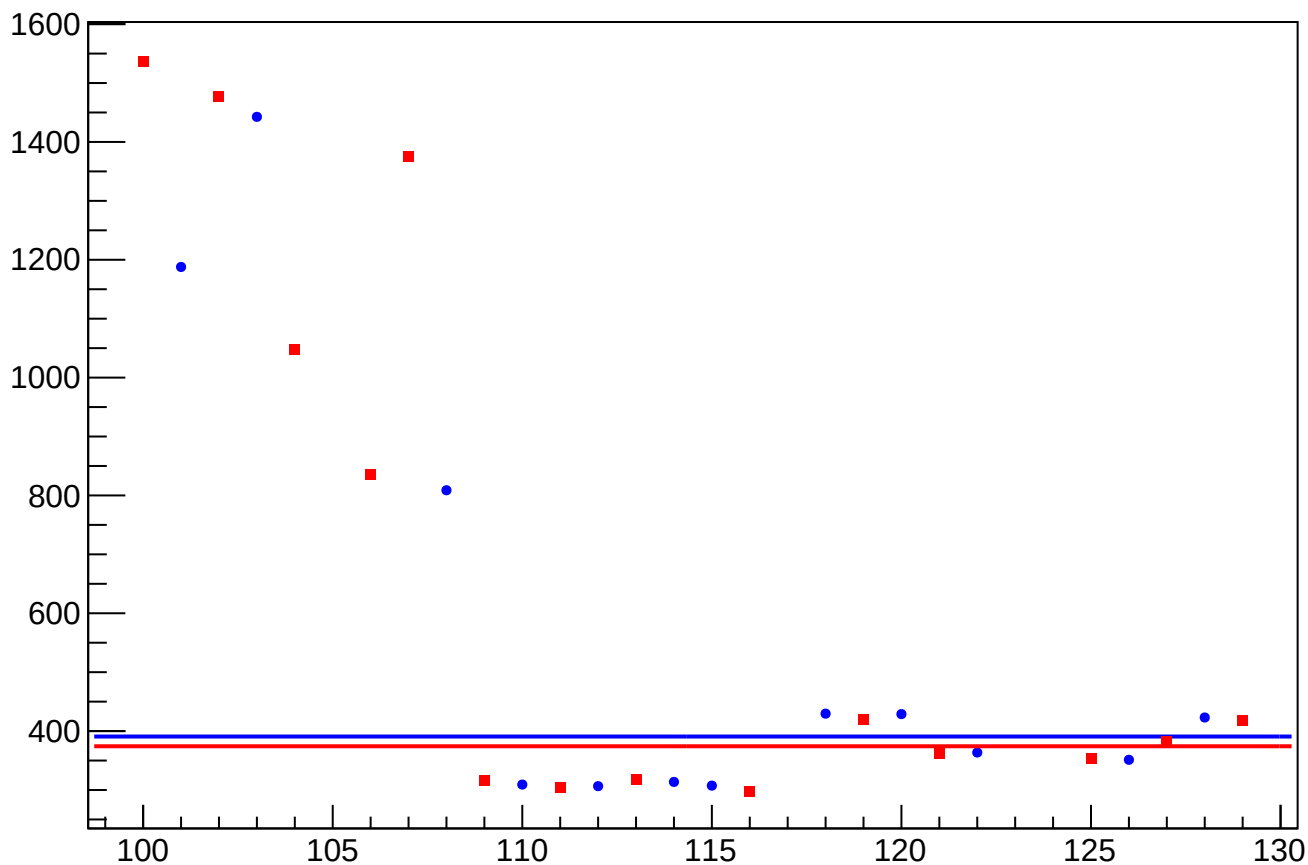
Right: 225.043+/-128.832 χ^2/NDF : 15.8/25

In: 213.223+/-191.257 χ^2/NDF : 8.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 225.043+/-128.832 χ^2/NDF : 15.8/25

asym_us_dd_atlr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 390.781+/-0.135 χ^2/NDF : 1622360.2/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

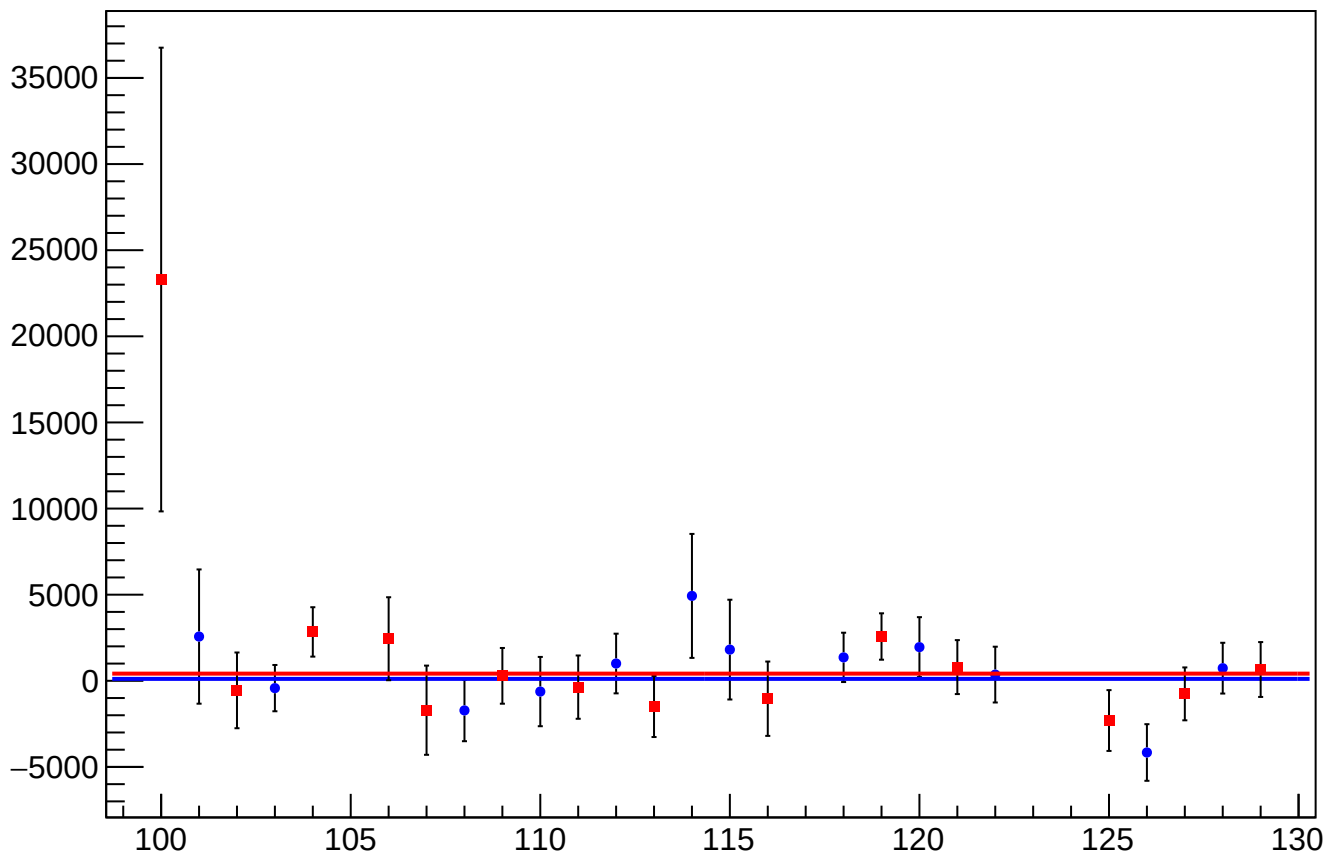
Right: 381.753+/-0.091 χ^2/NDF : 3265423.4/25

In: 390.781+/-0.135 χ^2/NDF :1622360.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 381.753+/-0.091 χ^2/NDF : 3265423.4/25

cor_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 111.419+/-517.134 χ^2/NDF : 13.0/11

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

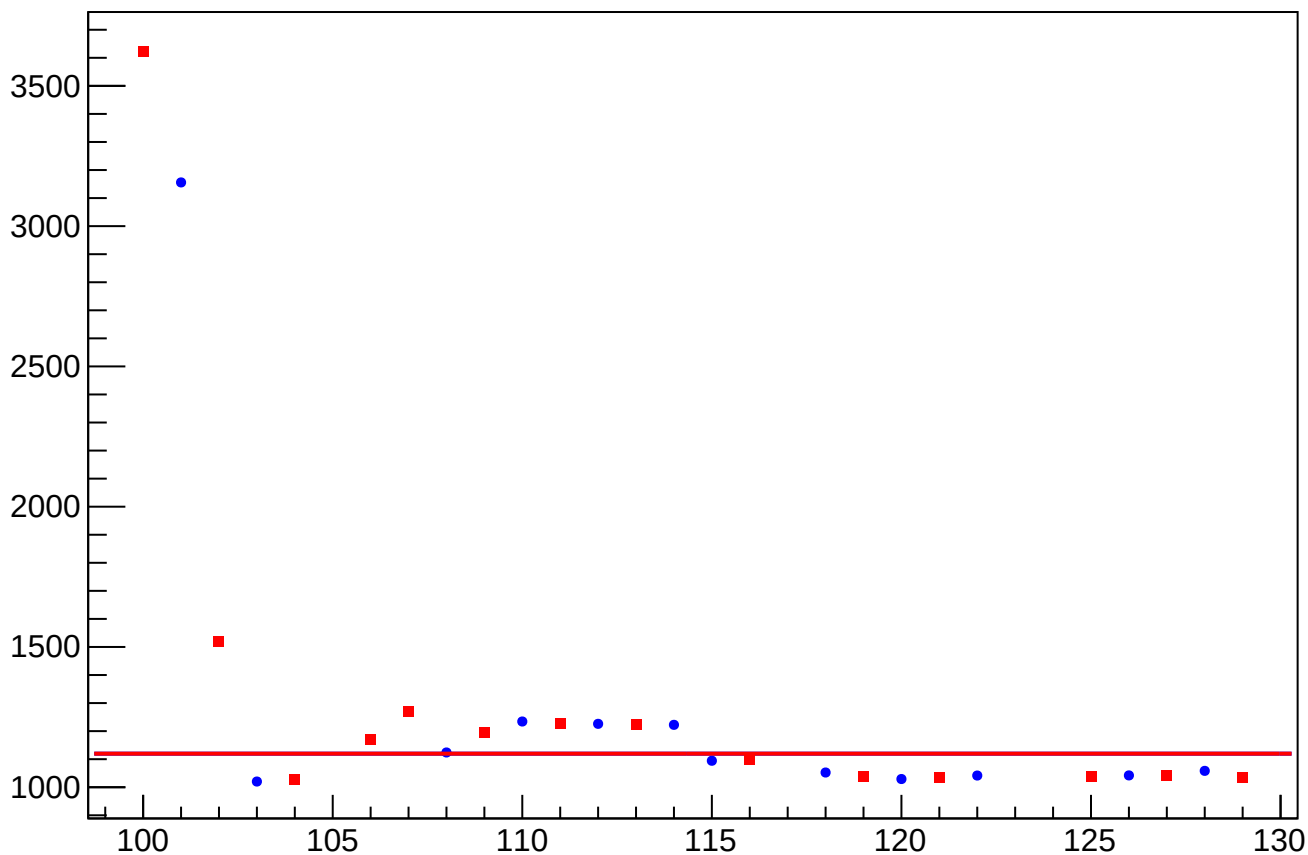
Right: 275.066+/-352.038 χ^2/NDF : 27.9/25

In: 111.419+/-517.134 χ^2/NDF : 13.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 275.066+/-352.038 χ^2/NDF : 27.9/25

cor_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1119.604+/-0.366 χ^2/NDF : 595088.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

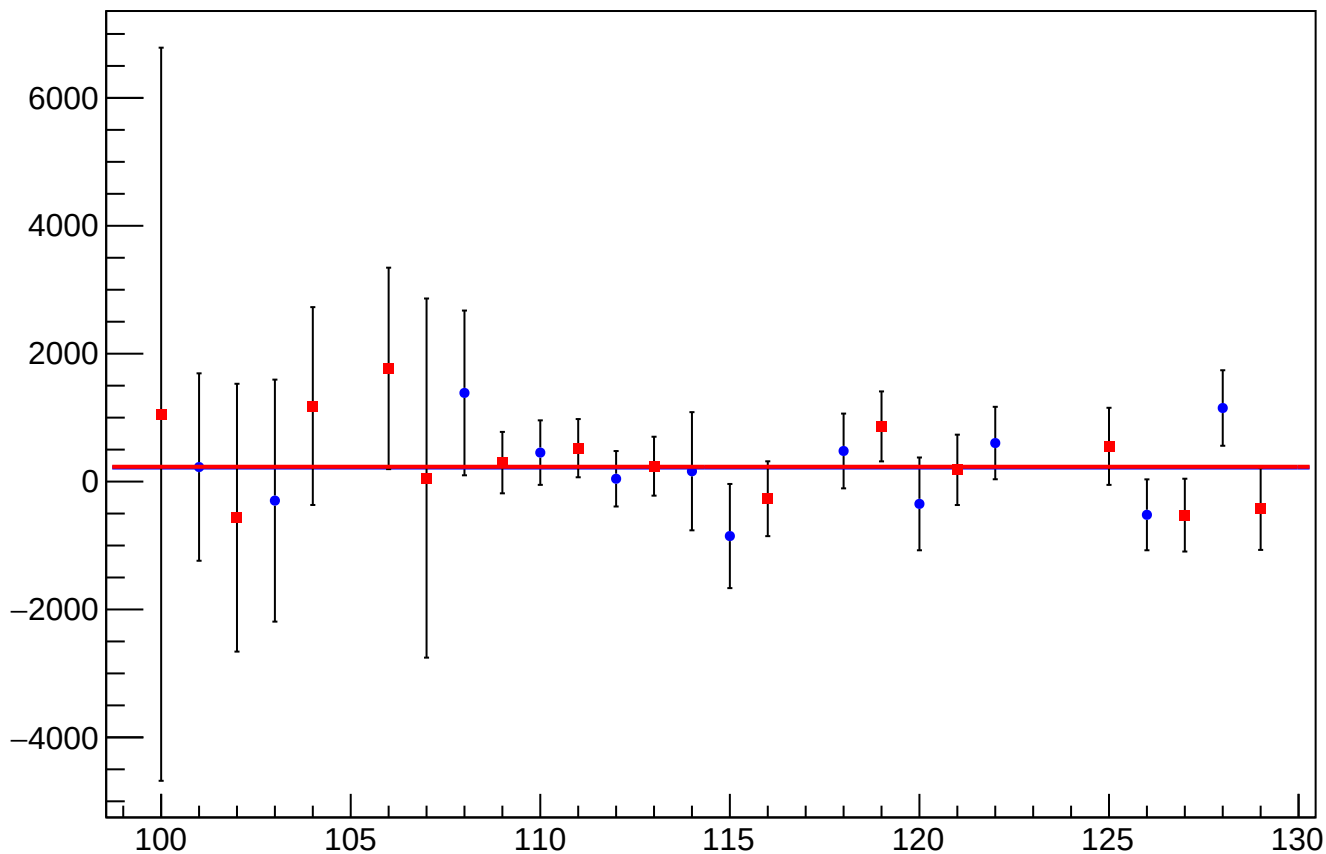
Right: 1119.655+/-0.249 χ^2/NDF : 793398.8/25

In: 1119.604+/-0.366 χ^2/NDF : 595088.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1119.655+/-0.249 χ^2/NDF : 793398.8/25

asym_us_dd_atlr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 219.562+/-191.263 χ^2/NDF : 8.5/11

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

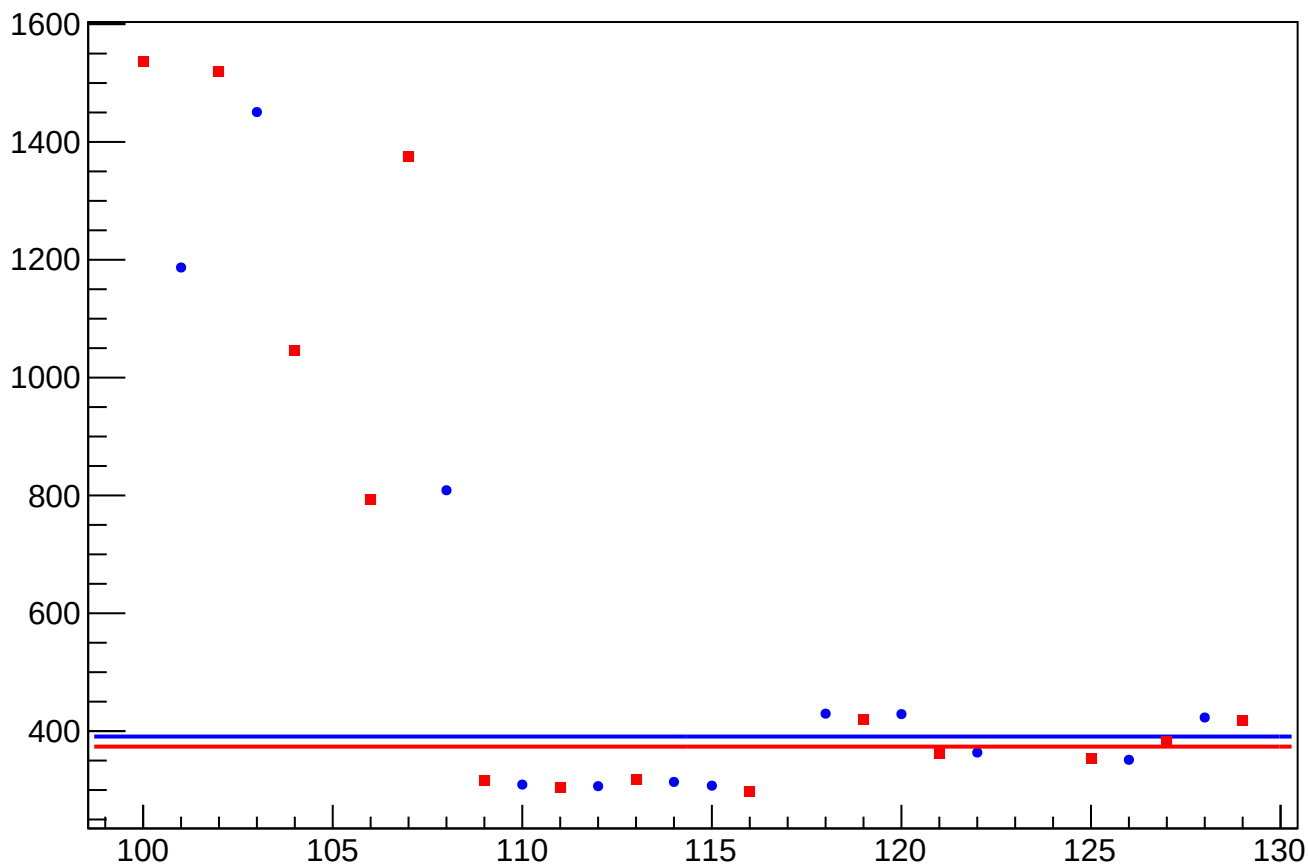
Right: 226.334+/-128.847 χ^2/NDF : 15.6/25

In: 219.562+/-191.263 χ^2/NDF : 8.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 226.334+/-128.847 χ^2/NDF : 15.6/25

asym_us_dd_atlr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 390.772+/-0.135 χ^2/NDF : 1626033.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

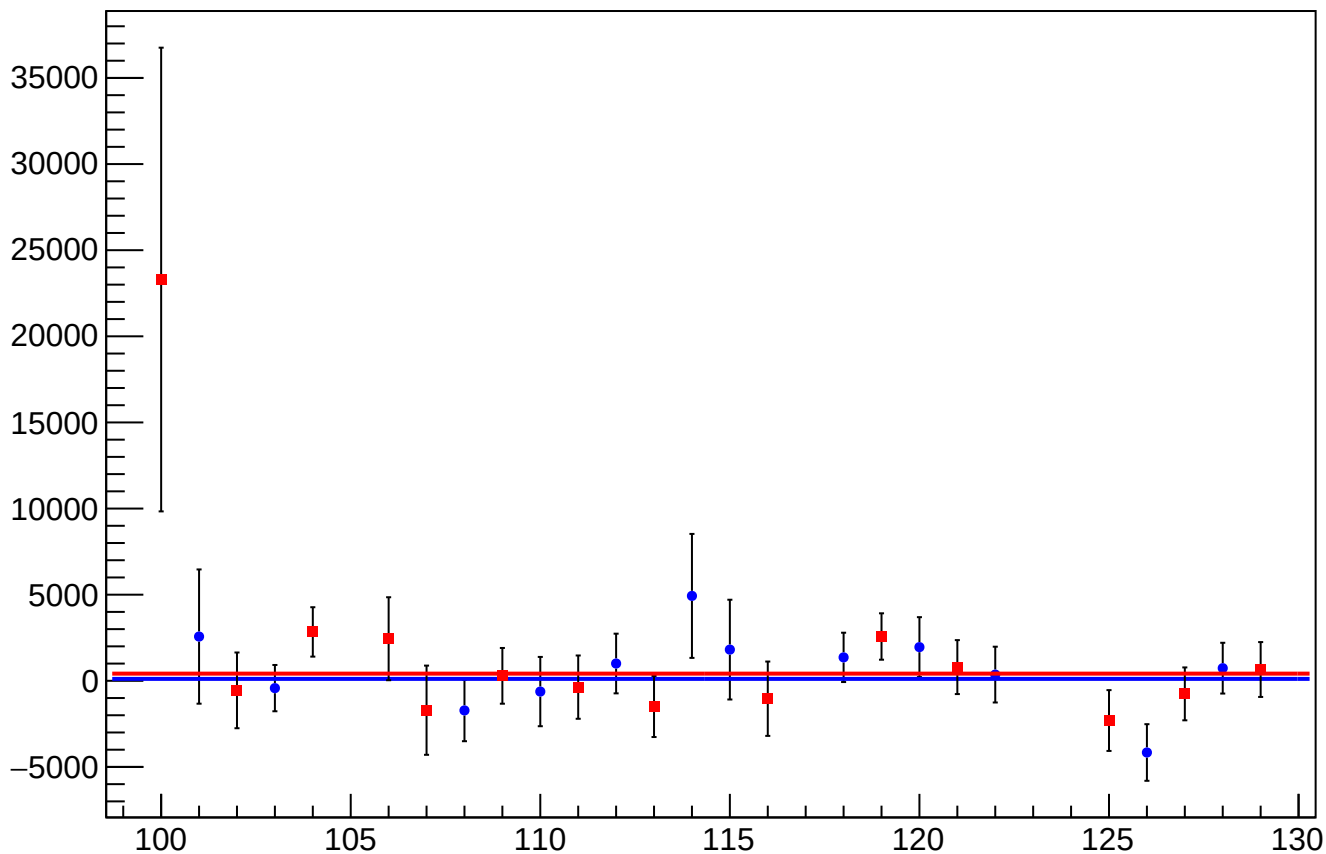
Right: 381.432+/-0.091 χ^2/NDF : 3256826.2/25

In: 390.772+/-0.135 χ^2/NDF : 1626033.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 381.432+/-0.091 χ^2/NDF : 3256826.2/25

eigen_cor_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 111.419+/-517.134 χ^2/NDF : 13.0/11

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

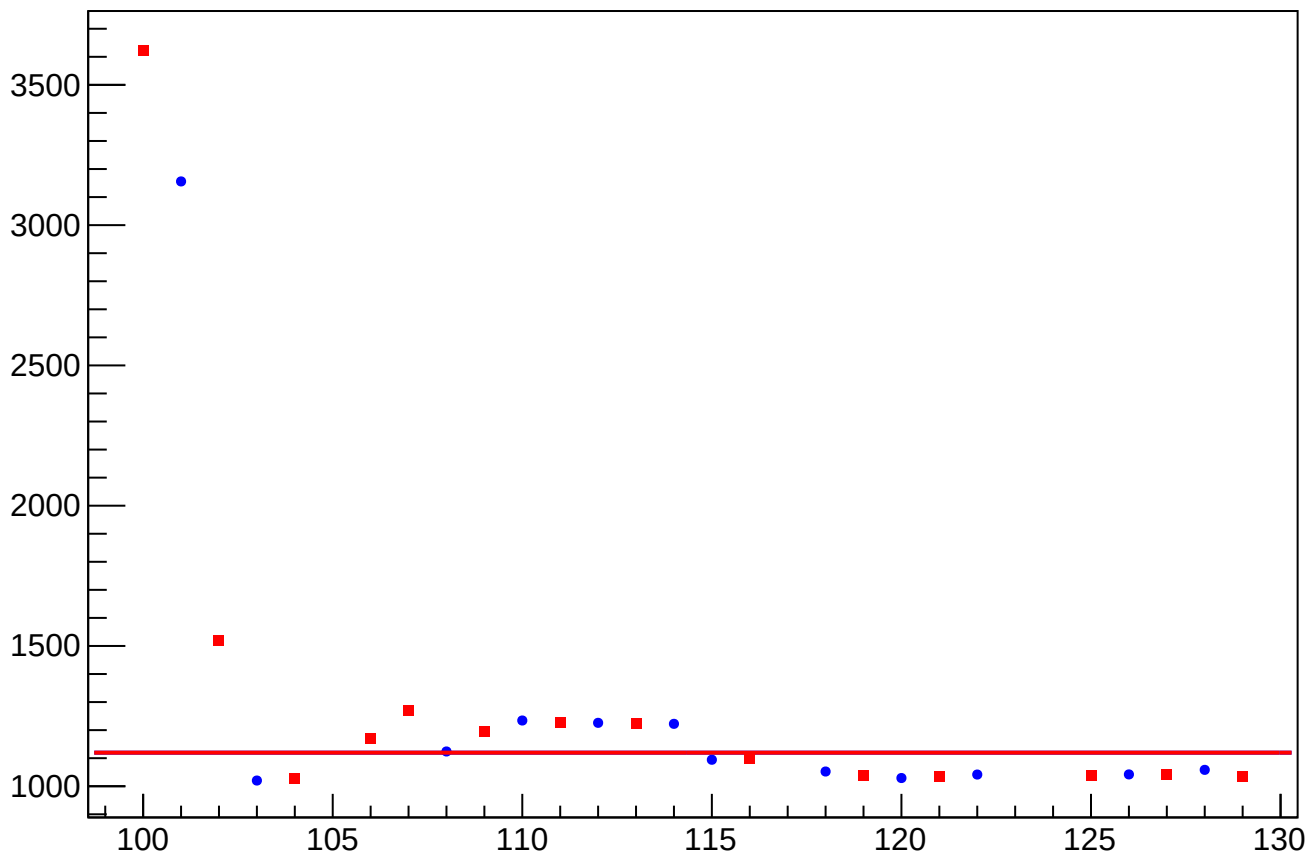
Right: 275.066+/-352.038 χ^2/NDF : 27.9/25

In: 111.419+/-517.134 χ^2/NDF : 13.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 275.066+/-352.038 χ^2/NDF : 27.9/25

eigen_cor_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1119.604+/-0.366 χ^2/NDF : 595088.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

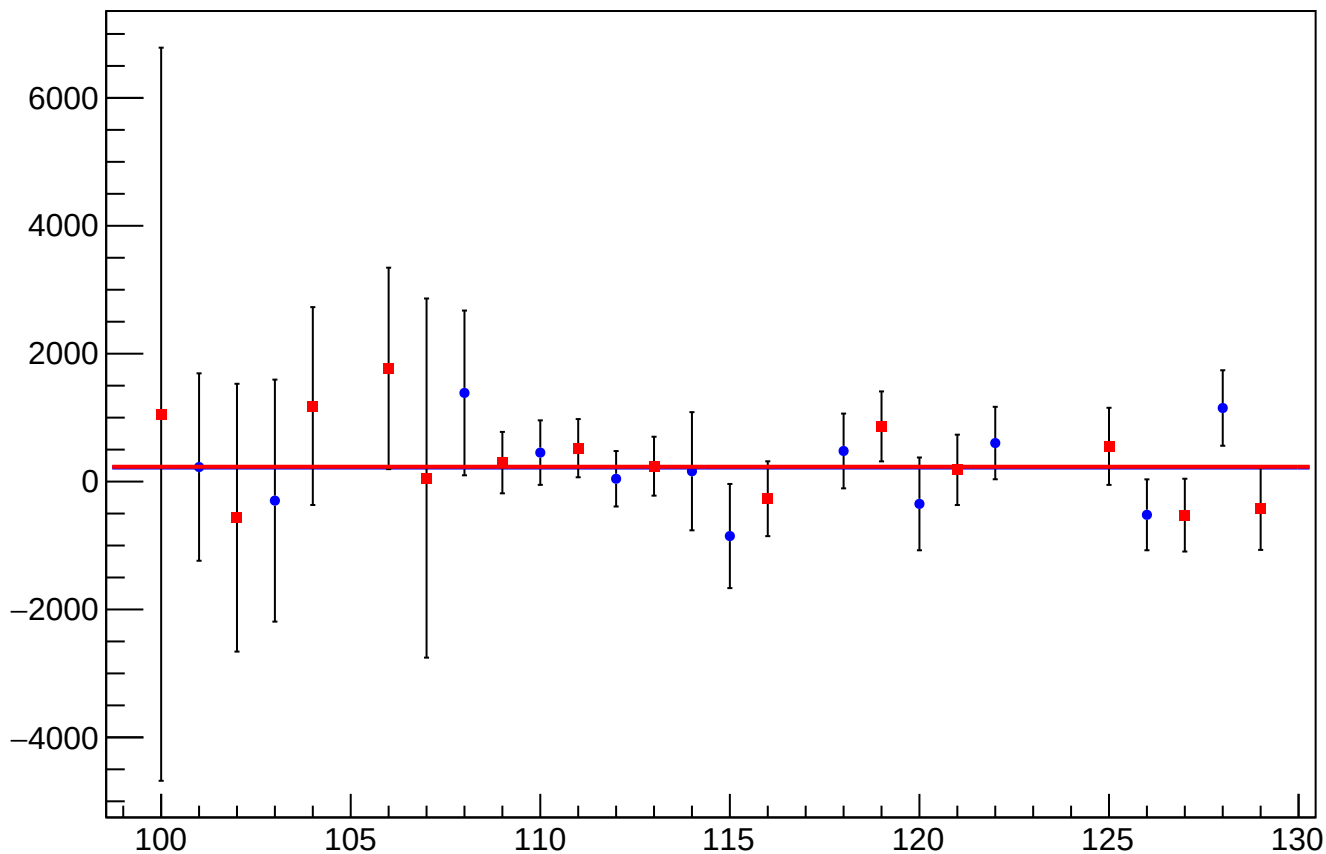
Right: 1119.655+/-0.249 χ^2/NDF : 793398.8/25

In: 1119.604+/-0.366 χ^2/NDF : 595088.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1119.655+/-0.249 χ^2/NDF : 793398.8/25

asym_us_dd_atlr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 219.562+/-191.263 χ^2/NDF : 8.5/11

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

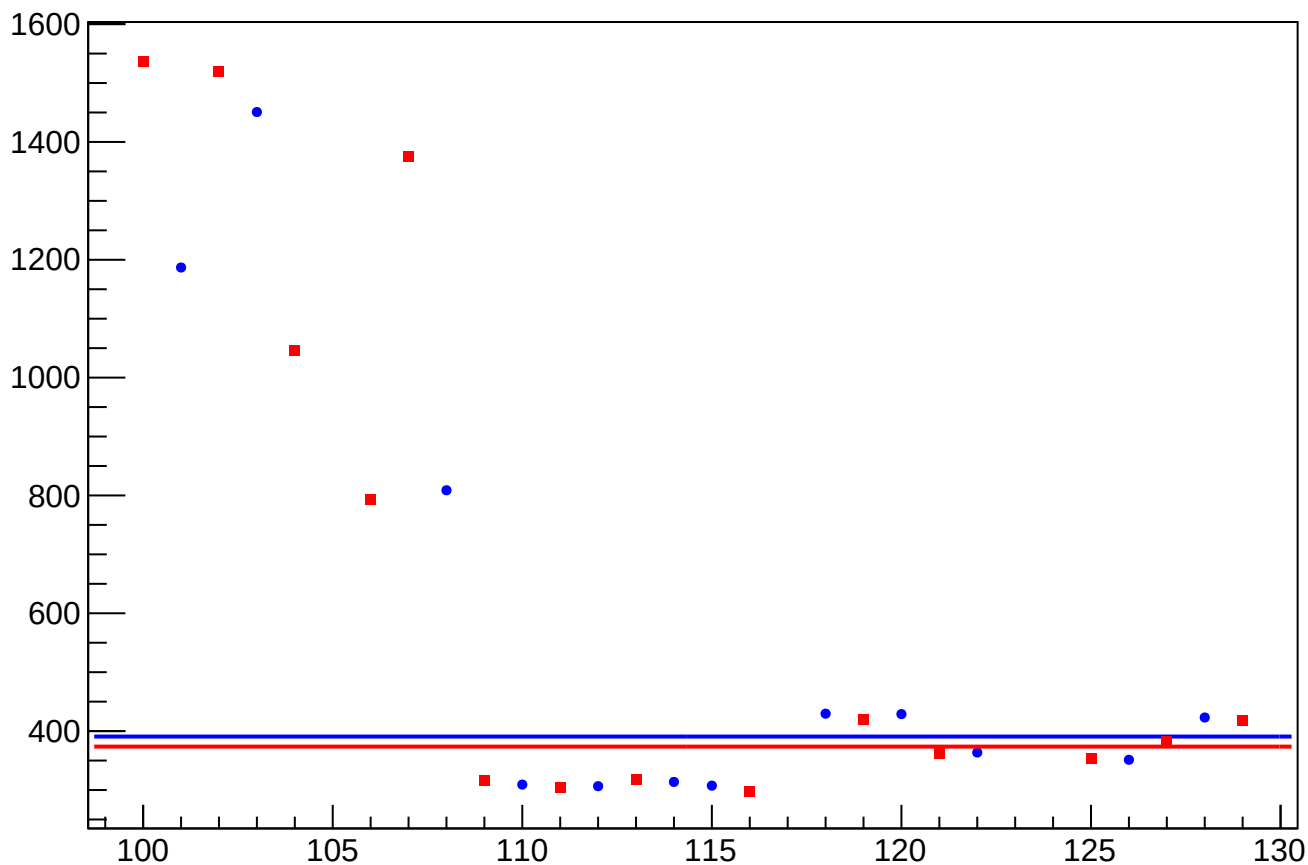
Right: 226.334+/-128.847 χ^2/NDF : 15.6/25

In: 219.562+/-191.263 χ^2/NDF : 8.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 226.334+/-128.847 χ^2/NDF : 15.6/25

asym_us_dd_atlr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 390.772+/-0.135 χ^2/NDF : 1626033.4/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

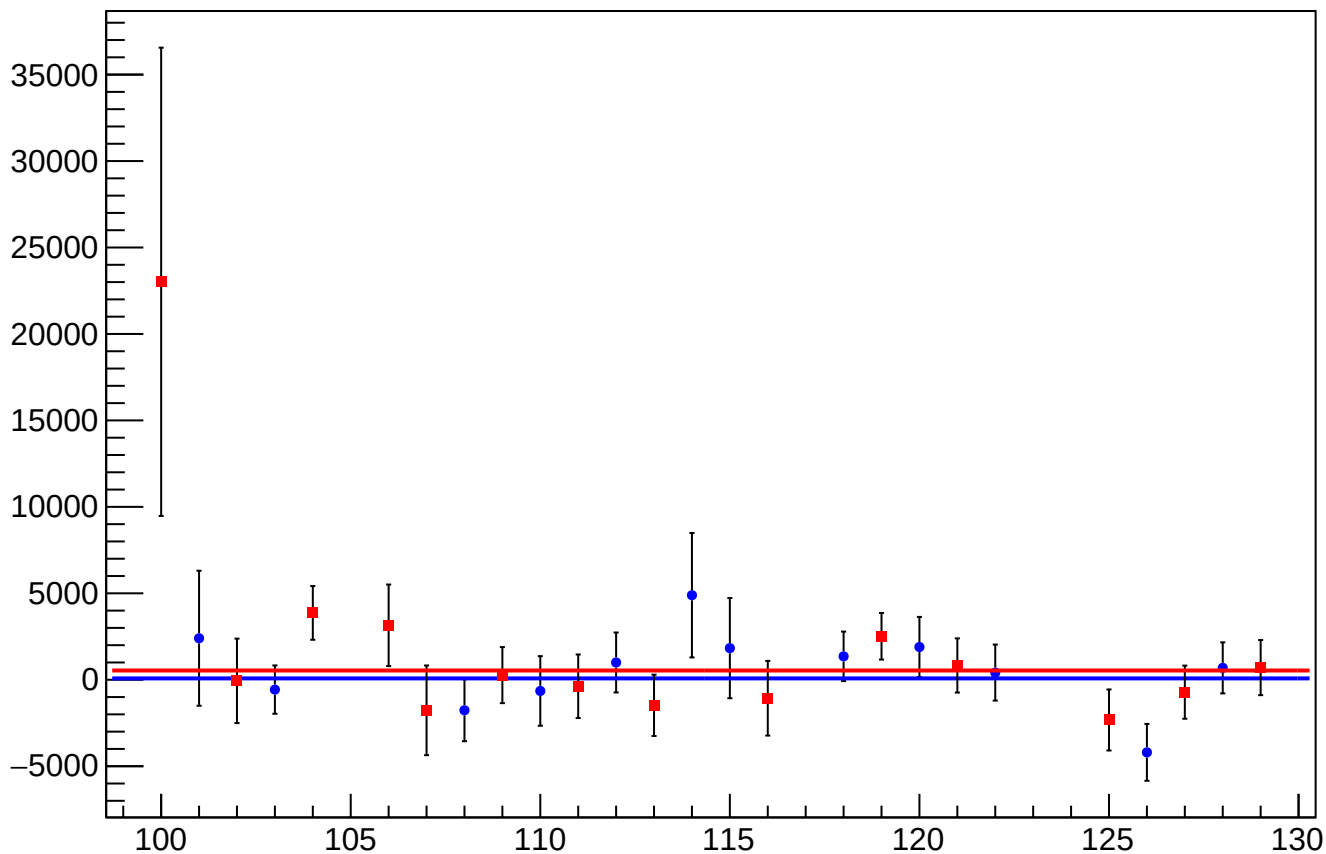
Right: 381.432+/-0.091 χ^2/NDF : 3256826.2/25

In: 390.772+/-0.135 χ^2/NDF :1626033.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 381.432+/-0.091 χ^2/NDF : 3256826.2/25

dit_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 79.163+/-520.396 χ^2/NDF : 13.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

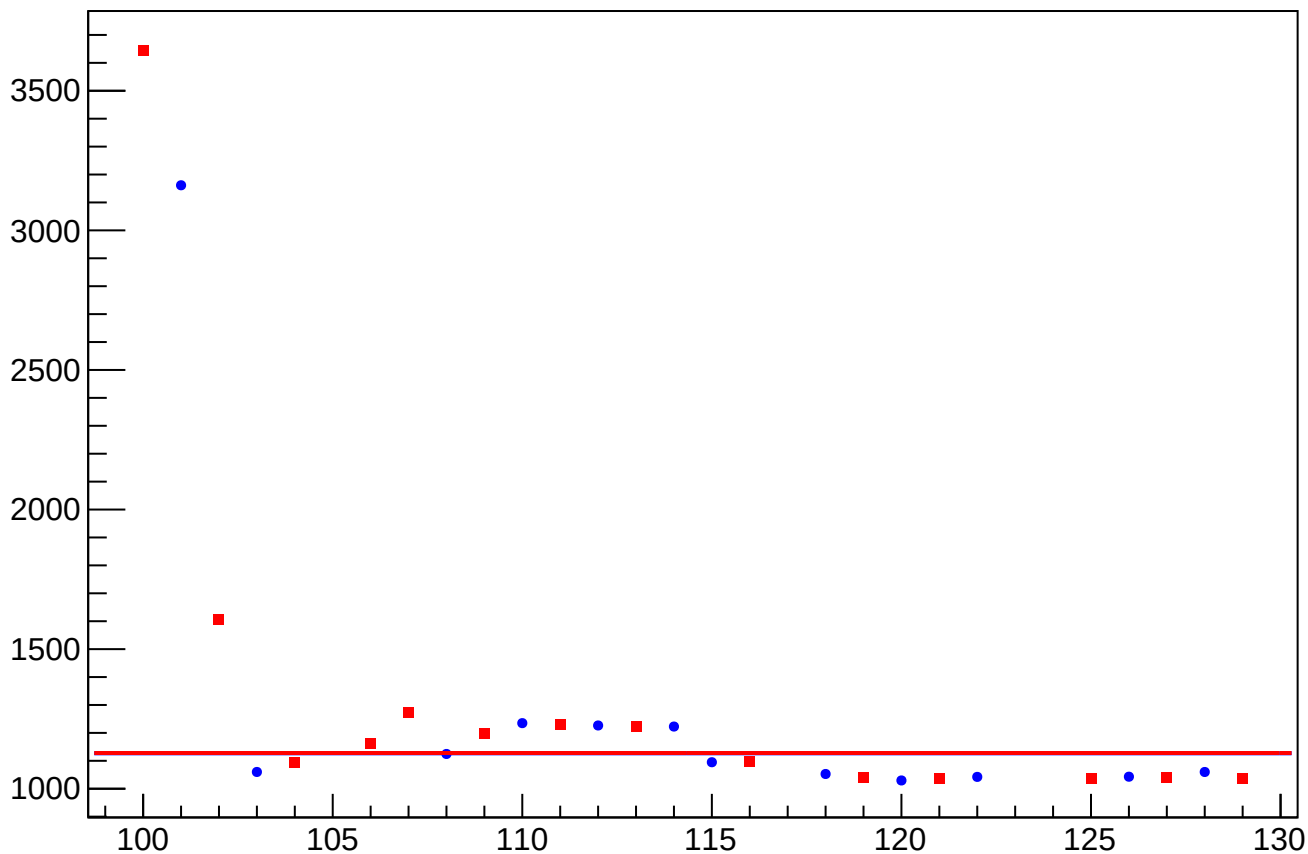
Right: 322.761+/-355.481 χ^2/NDF : 30.5/25

In: 79.163+/-520.396 χ^2/NDF : 13.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 322.761+/-355.481 χ^2/NDF : 30.5/25

dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1126.876+/-0.368 χ^2/NDF : 588134.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

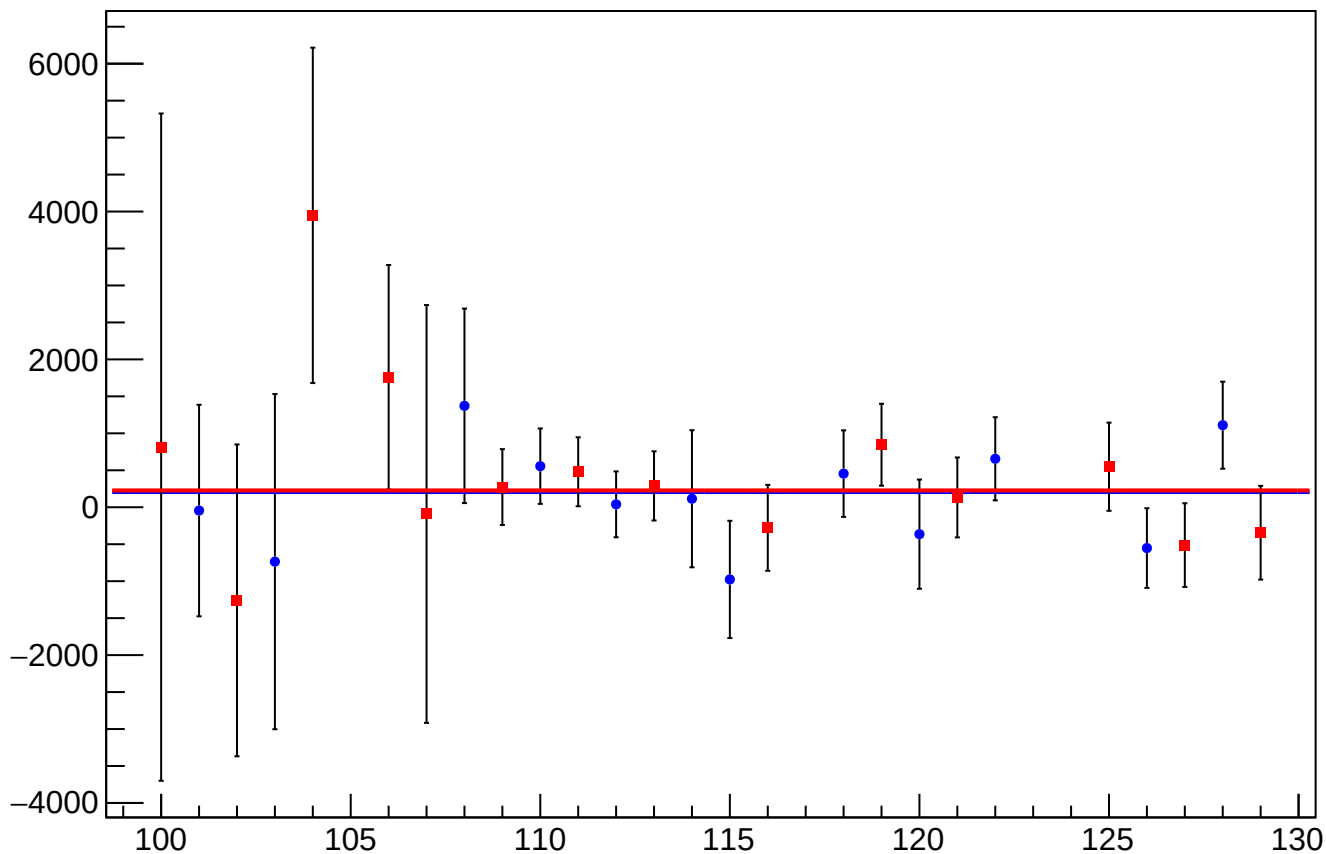
Right: 1127.457+/-0.251 χ^2/NDF : 791302.1/25

In: 1126.876+/-0.368 χ^2/NDF : 588134.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1127.457+/-0.251 χ^2/NDF : 791302.1/25

asym_us_dd_atlr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 205.833 $\pm$ 191.948 χ^2 /NDF: 9.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 227.945 $\pm$ 176.631 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

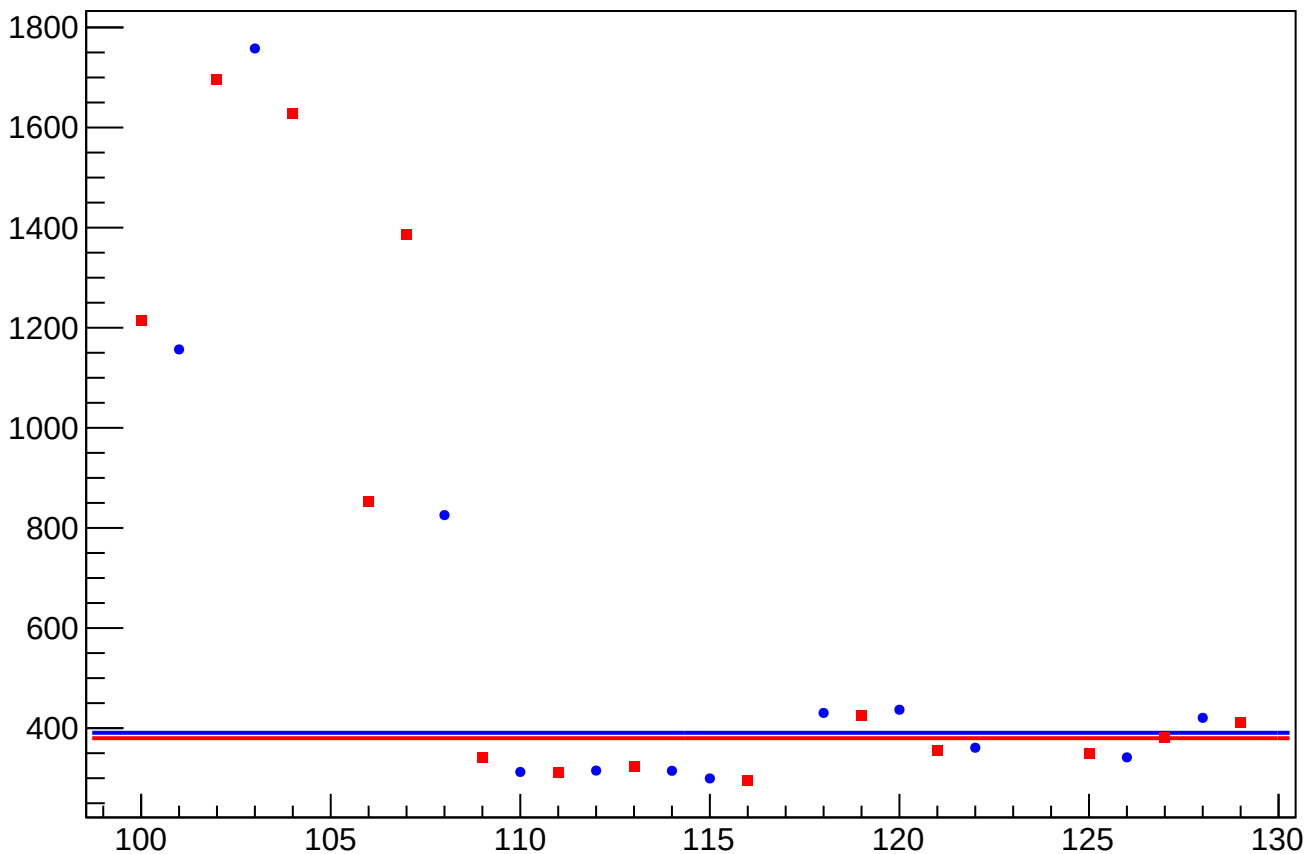
Right: 217.806 $\pm$ 129.975 χ^2 /NDF: 19.0/25

In: 205.833 $\pm$ 191.948 χ^2 /NDF:9.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 217.806 $\pm$ 129.975 χ^2 /NDF: 19.0/25

asym_us_dd_atlr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 390.761+/-0.136 χ^2/NDF : 1707923.2/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

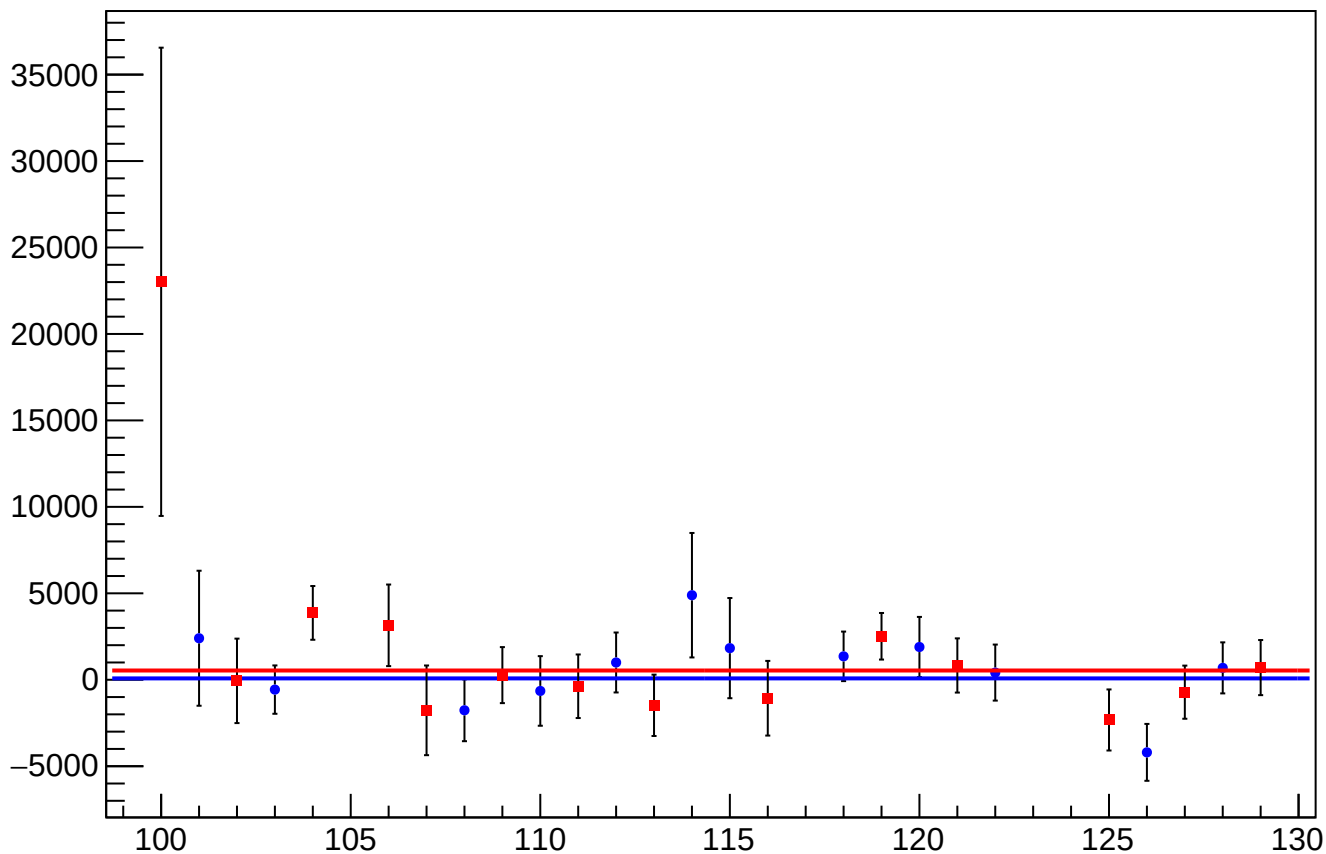
Right: 384.891+/-0.092 χ^2/NDF : 3764158.3/25

In: 390.761+/-0.136 χ^2/NDF :1707923.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 384.891+/-0.092 χ^2/NDF : 3764158.3/25

eigen_dit_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 79.161+/-520.396 χ^2/NDF : 13.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

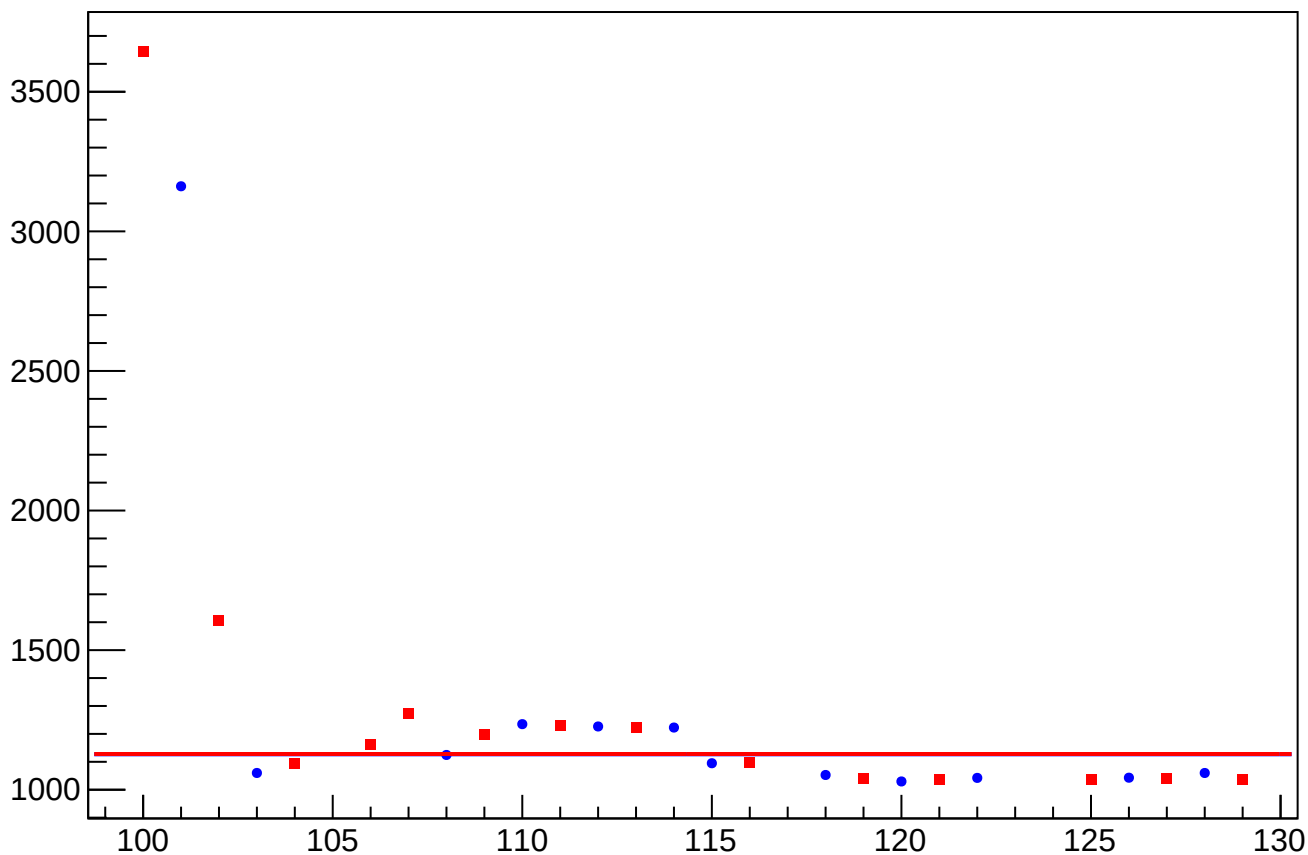
Right: 322.759+/-355.481 χ^2/NDF : 30.5/25

In: 79.161+/-520.396 χ^2/NDF : 13.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 322.759+/-355.481 χ^2/NDF : 30.5/25

eigen_dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1126.876+/-0.368 χ^2/NDF : 588134.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

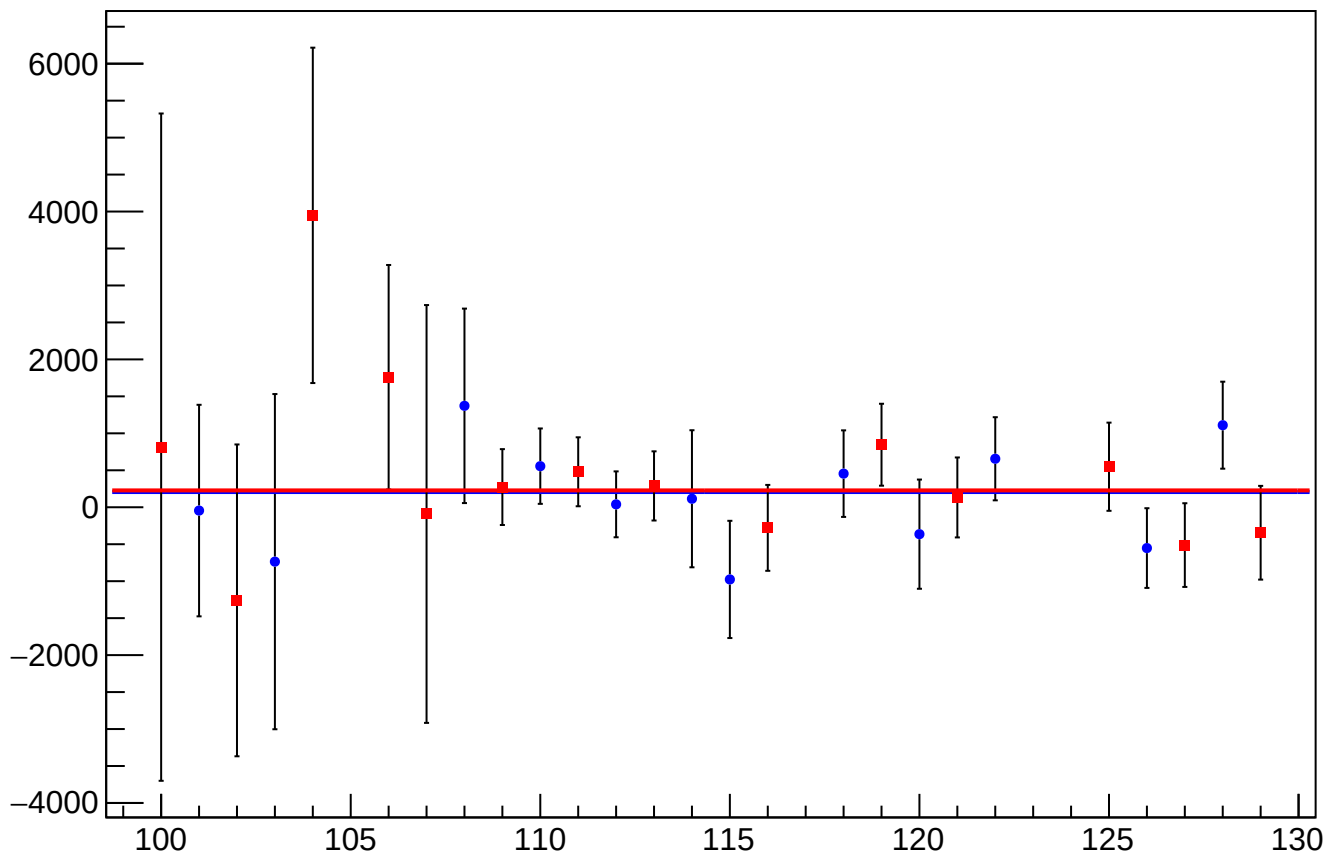
Right: 1127.457+/-0.251 χ^2/NDF : 791302.2/25

In: 1126.876+/-0.368 χ^2/NDF : 588134.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1127.457+/-0.251 χ^2/NDF : 791302.2/25

asym_us_dd_atlr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 205.828+/-191.948 χ^2/NDF : 9.6/11

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

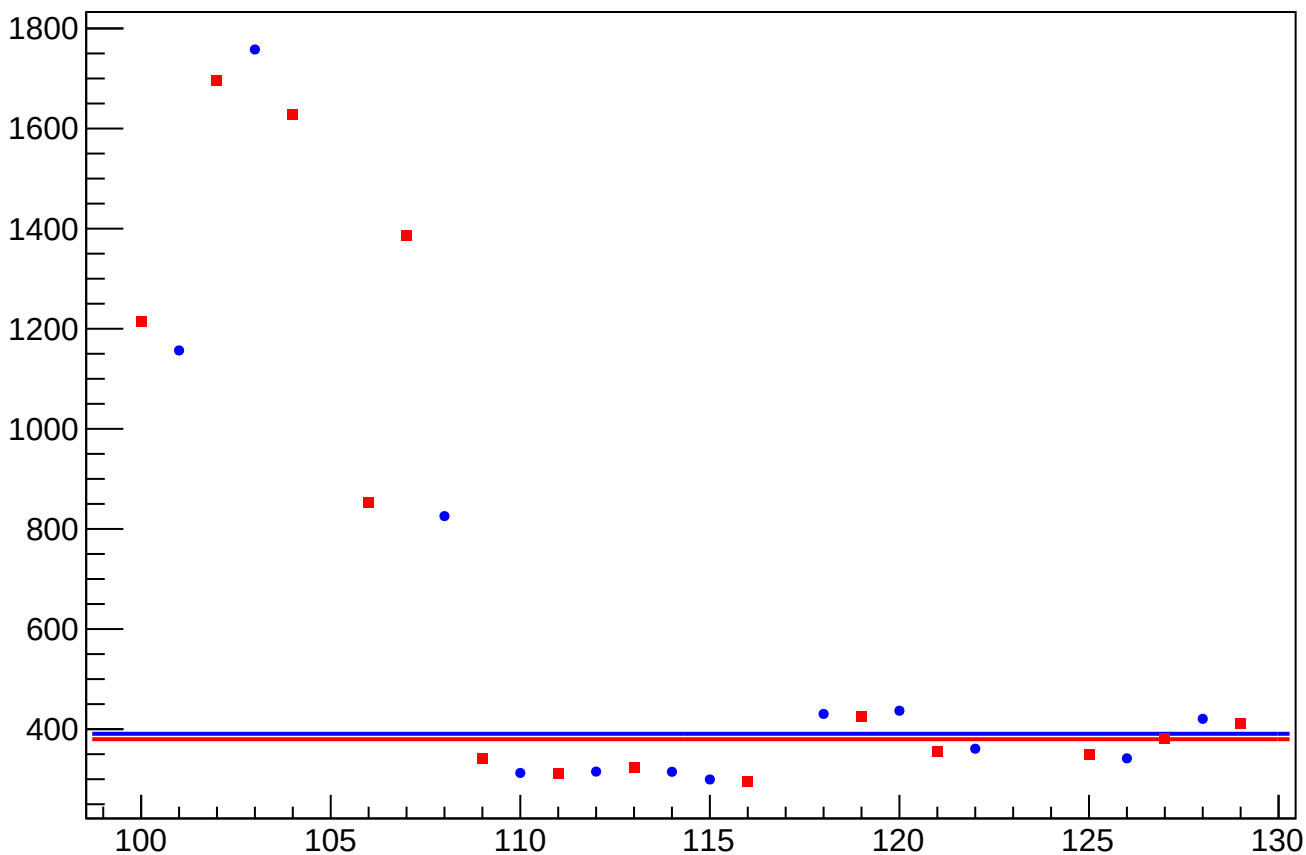
Right: 217.804+/-129.974 χ^2/NDF : 19.0/25

In: 205.828+/-191.948 χ^2/NDF :9.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 217.804+/-129.974 χ^2/NDF : 19.0/25

asym_us_dd_atlr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 390.759+/-0.136 χ^2/NDF : 1707924.9/11

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

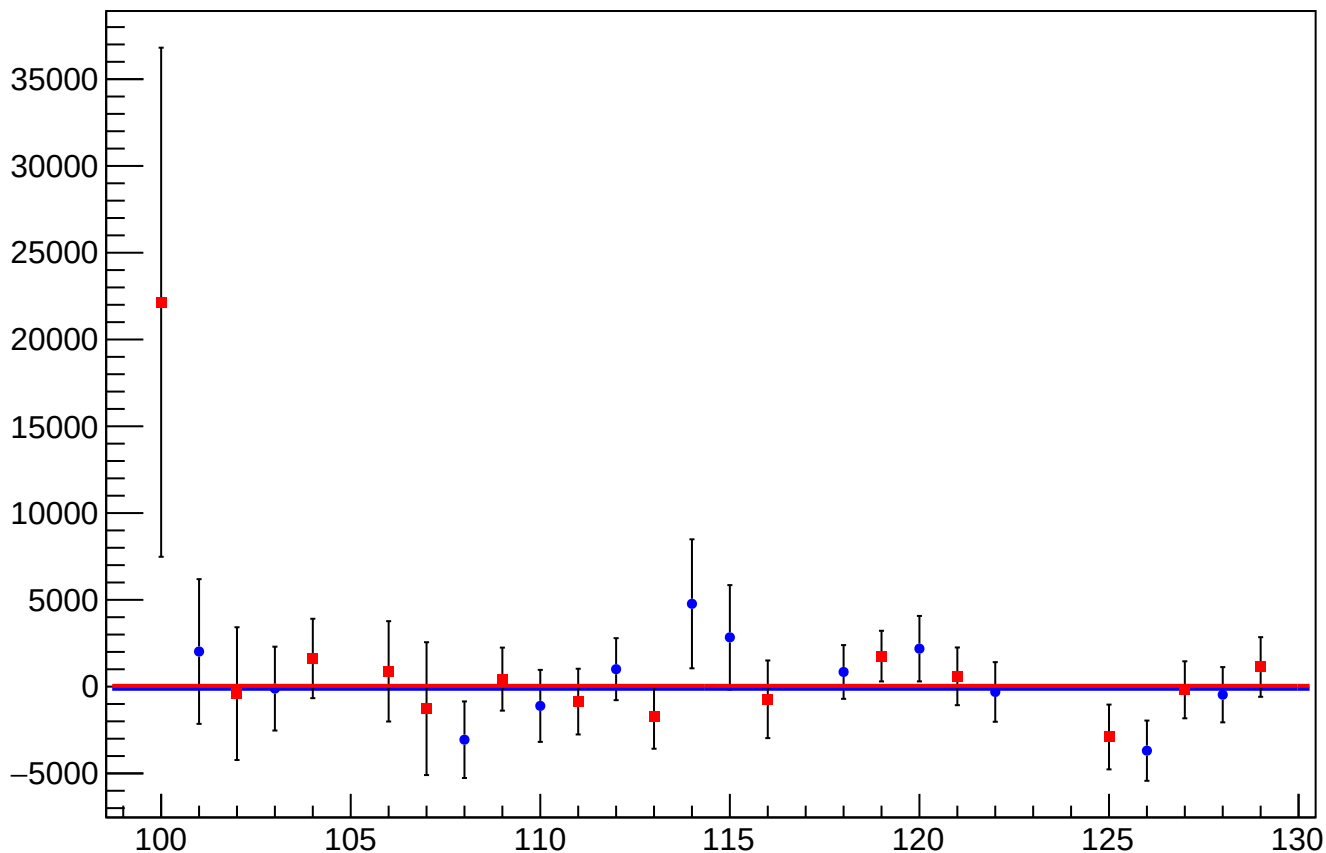
Right: 384.889+/-0.092 χ^2/NDF : 3764171.4/25

In: 390.759+/-0.136 χ^2/NDF :1707924.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 384.889+/-0.092 χ^2/NDF : 3764171.4/25

asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: -123.541+/-584.481 χ^2/NDF : 11.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

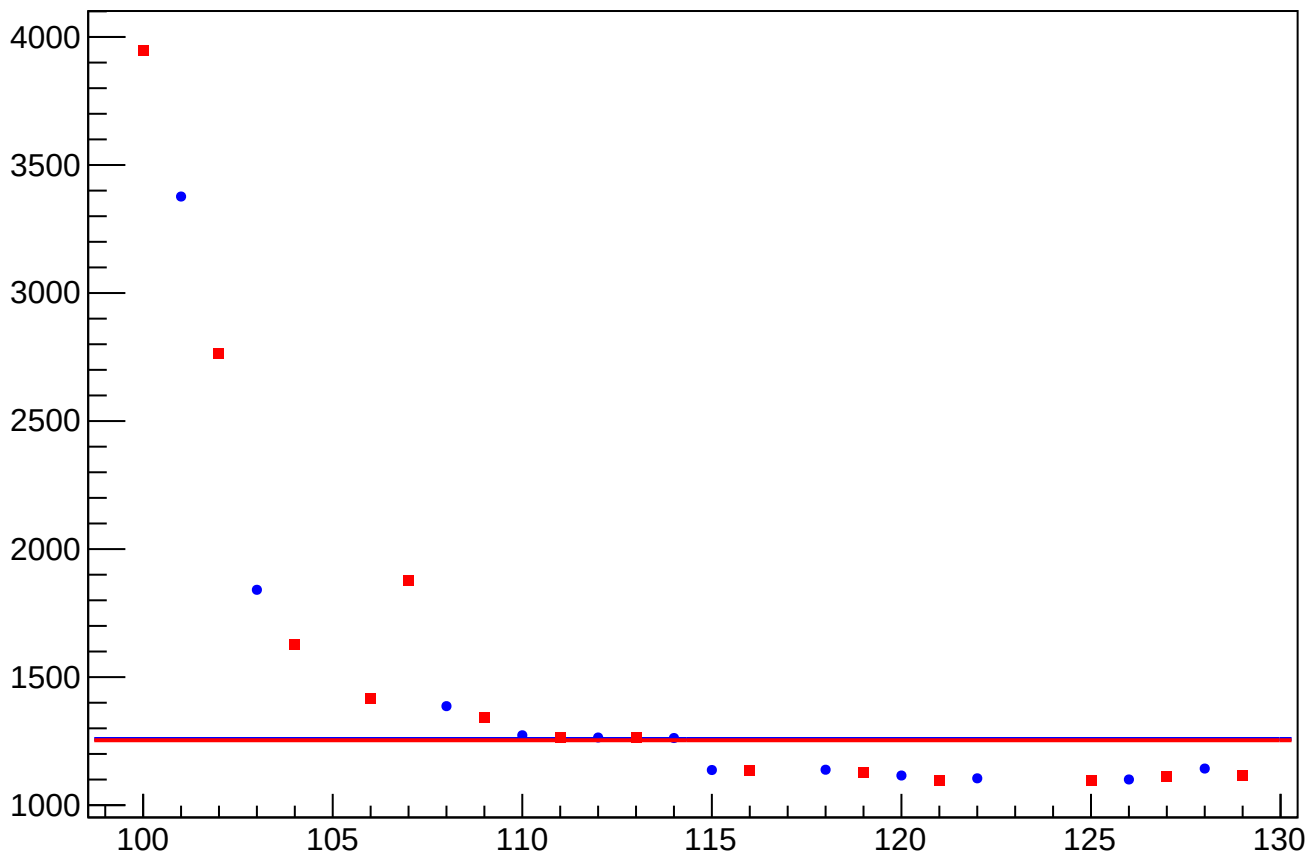
Right: -33.270+/-398.785 χ^2/NDF : 20.3/25

In: -123.541+/-584.481 χ^2/NDF : 11.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.270+/-398.785 χ^2/NDF : 20.3/25

asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1258.322+/-0.413 χ^2/NDF : 709505.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

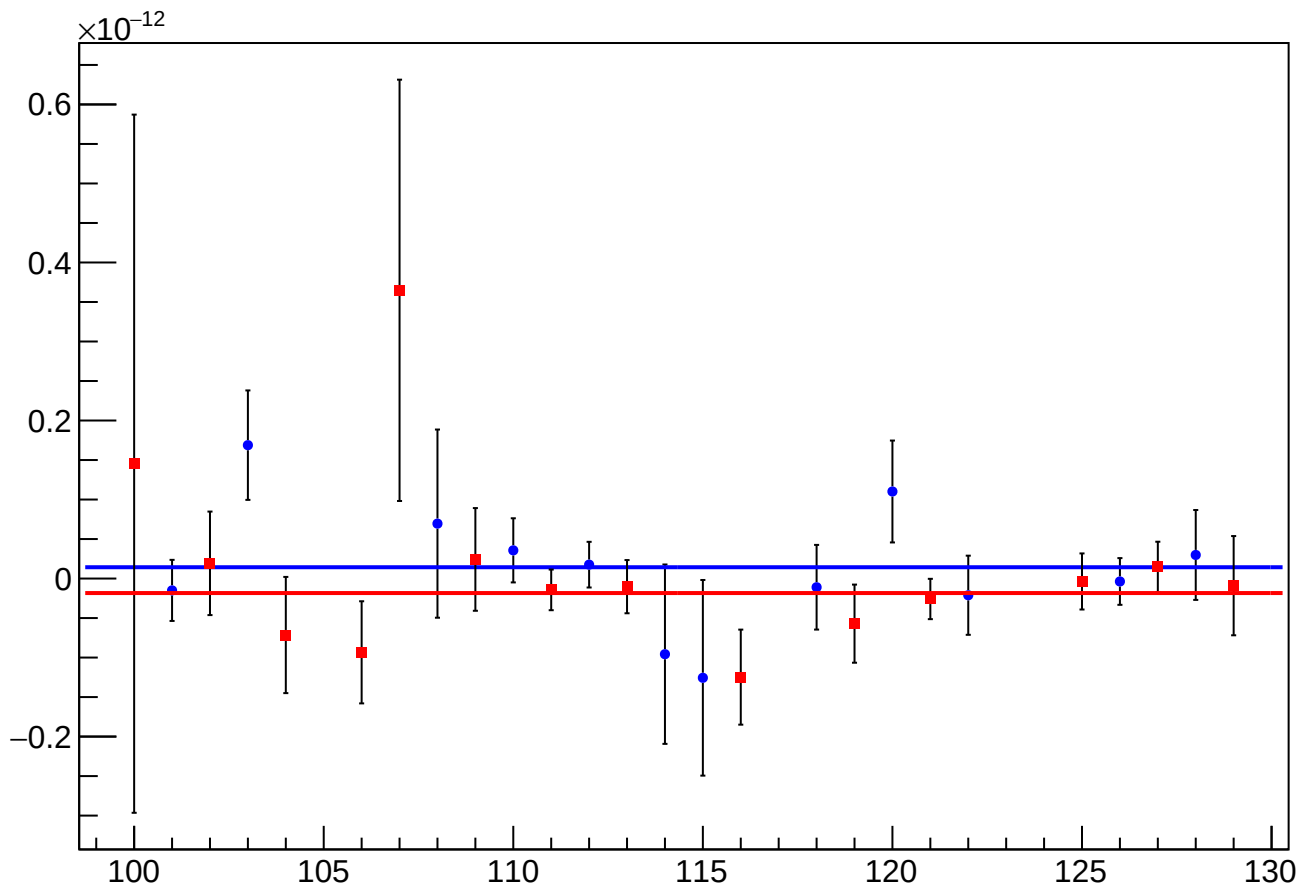
Right: 1255.742+/-0.282 χ^2/NDF : 1286896.4/25

In: 1258.322+/-0.413 χ^2/NDF : 709505.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1255.742+/-0.282 χ^2/NDF : 1286896.4/25

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

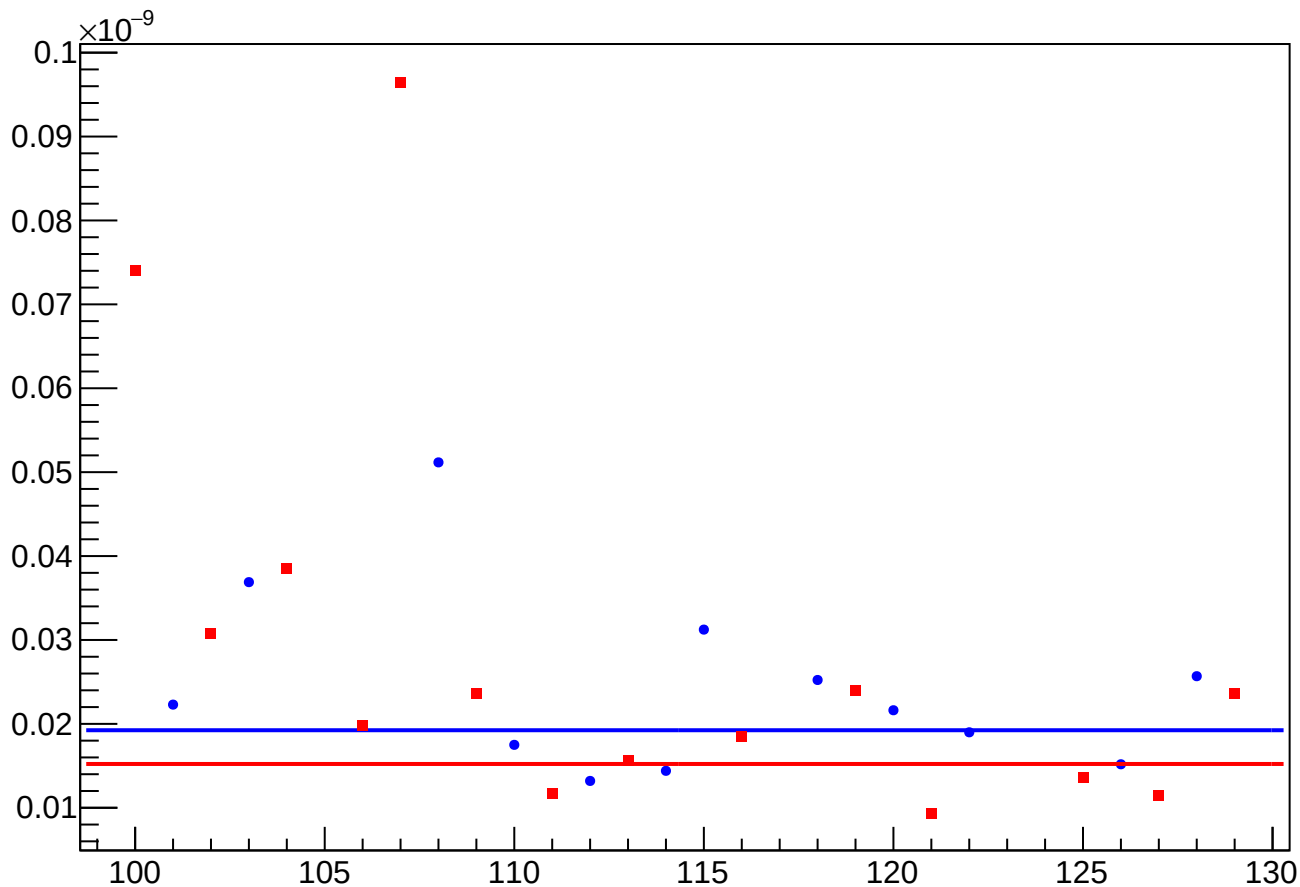
Right: -0.000+/-0.000 χ^2/NDF : 25.0/25

In: 0.000+/-0.000 χ^2/NDF : 11.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.0/25

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 490690.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

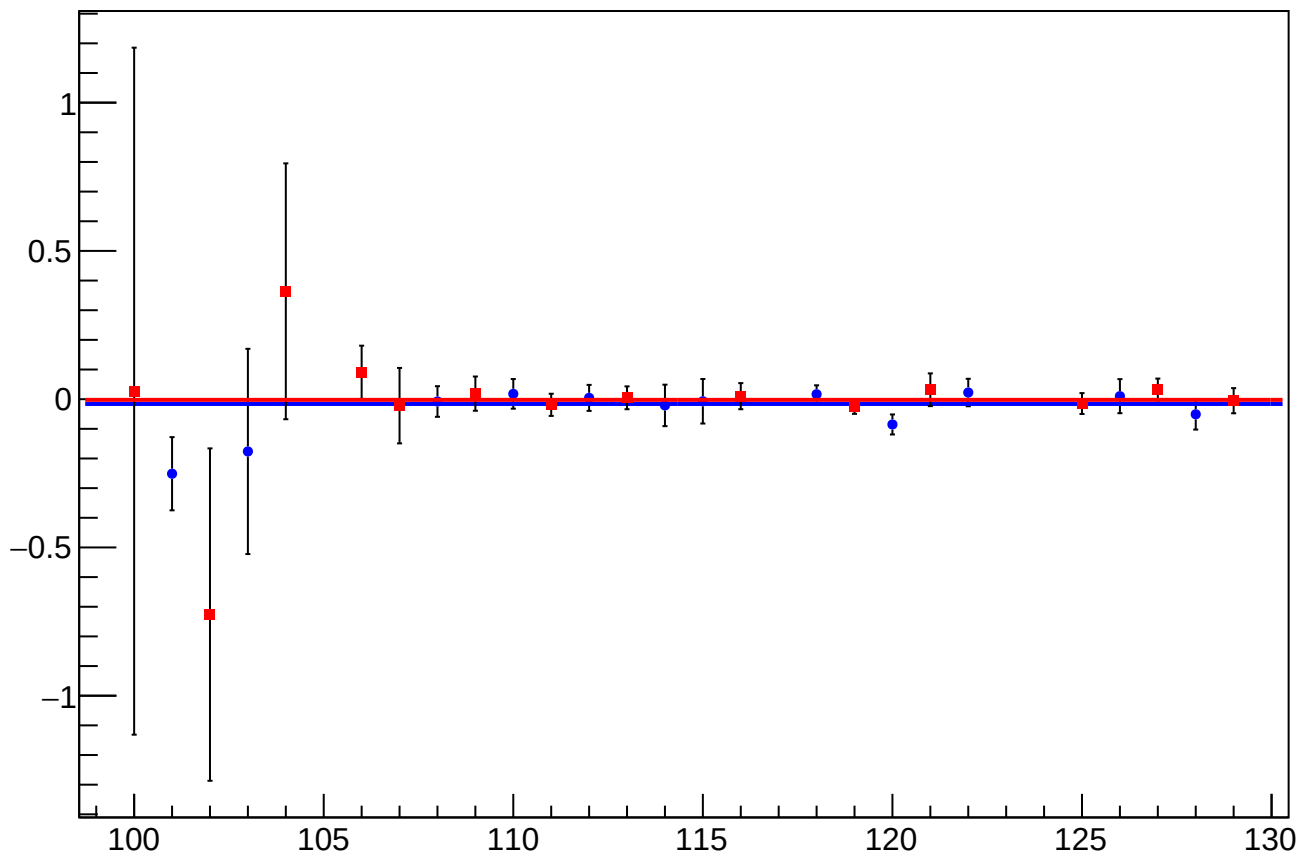
Right: 0.000+/-0.000 χ^2/NDF : 1453956.1/25

In: 0.000+/-0.000 χ^2/NDF : 490690.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1453956.1/25

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 ± 0.014 χ^2/NDF : 11.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.002 ± 0.012 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

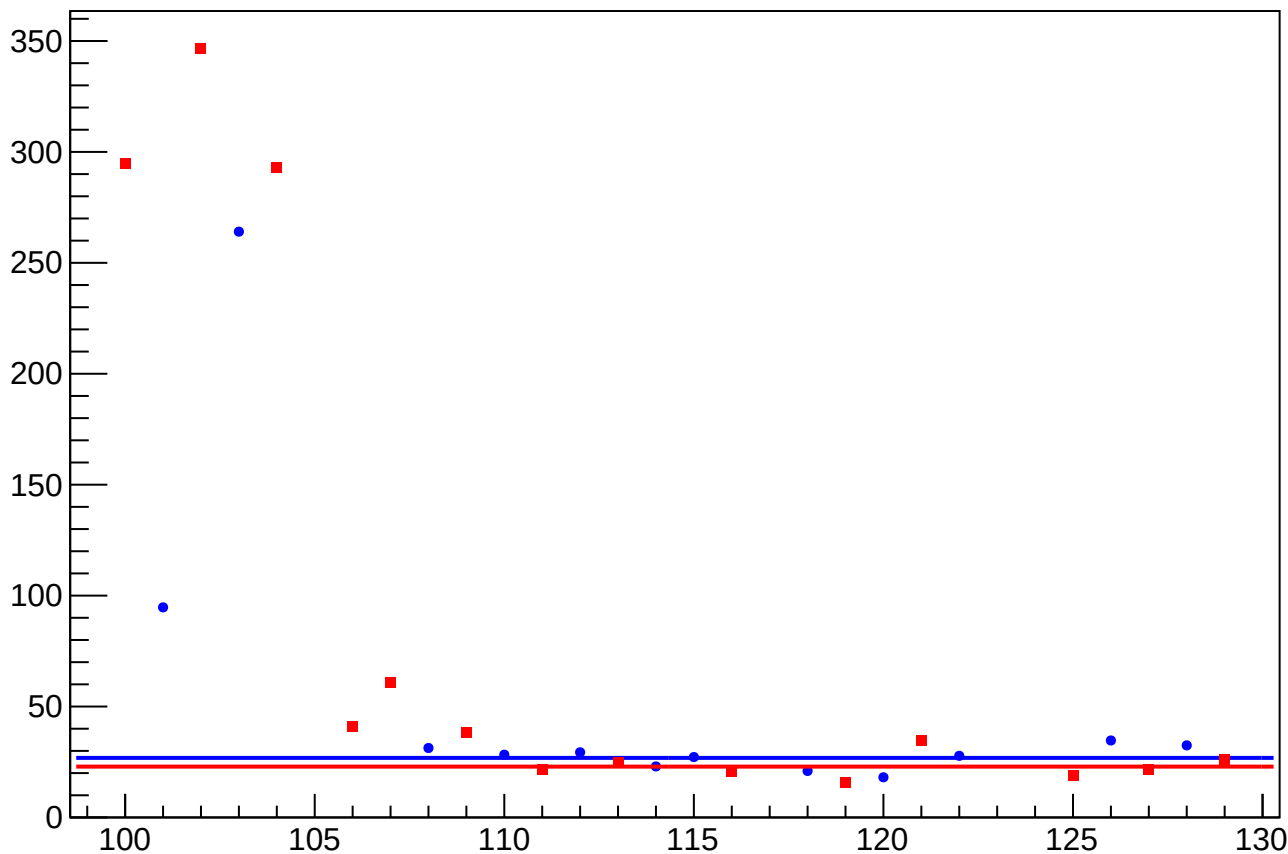
Right: -0.008 ± 0.009 χ^2/NDF : 18.1/25

In: -0.016 ± 0.014 χ^2/NDF : 11.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.008 ± 0.009 χ^2/NDF : 18.1/25

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.854+/-0.010 χ^2/NDF : 1845961.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.921+/-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

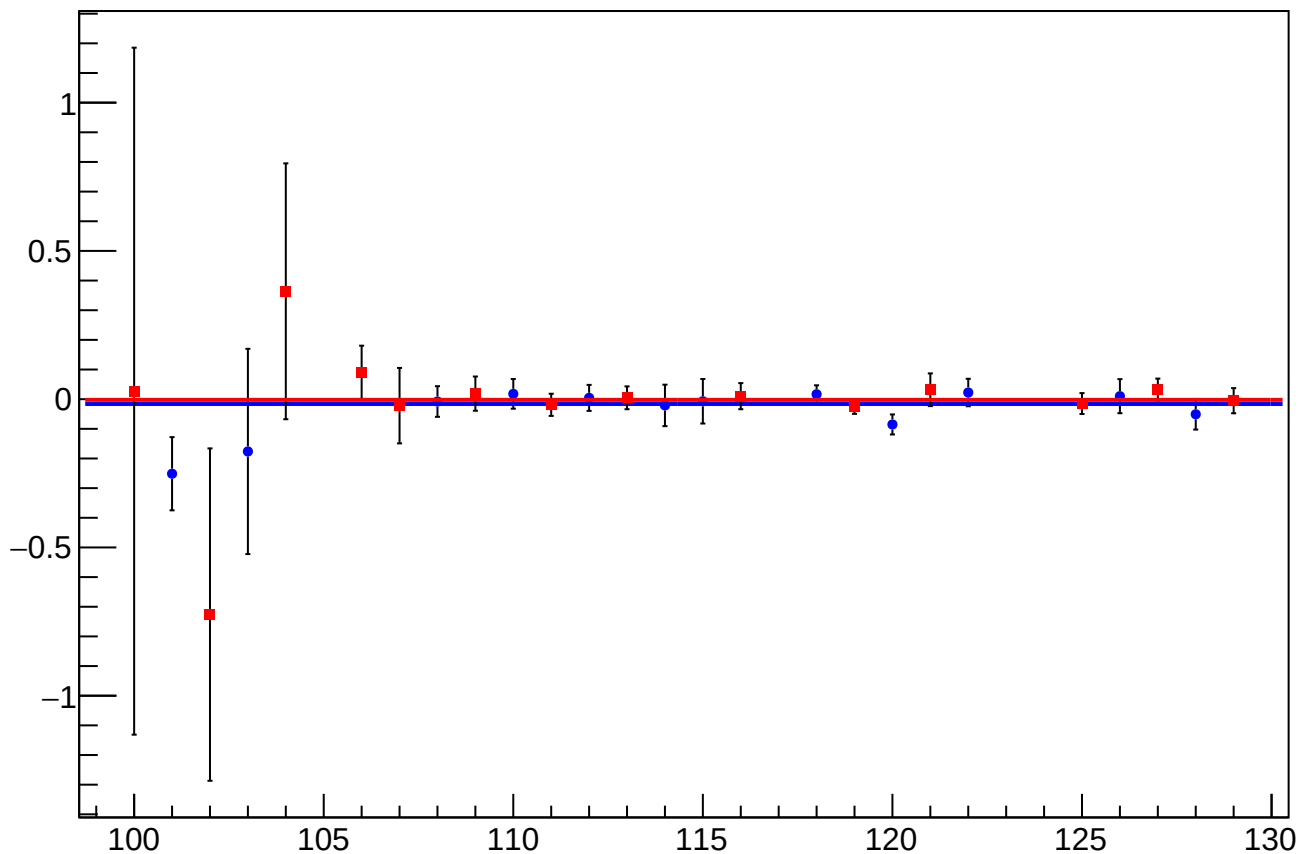
Right: 24.598+/-0.007 χ^2/NDF : 4228217.2/25

In: 26.854+/-0.010 χ^2/NDF : 1845961.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.598+/-0.007 χ^2/NDF : 4228217.2/25

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 ± 0.014 $\chi^2/\text{NDF}: 11.3/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.002 ± 0.012 $\chi^2/\text{NDF}: 6.3/13$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

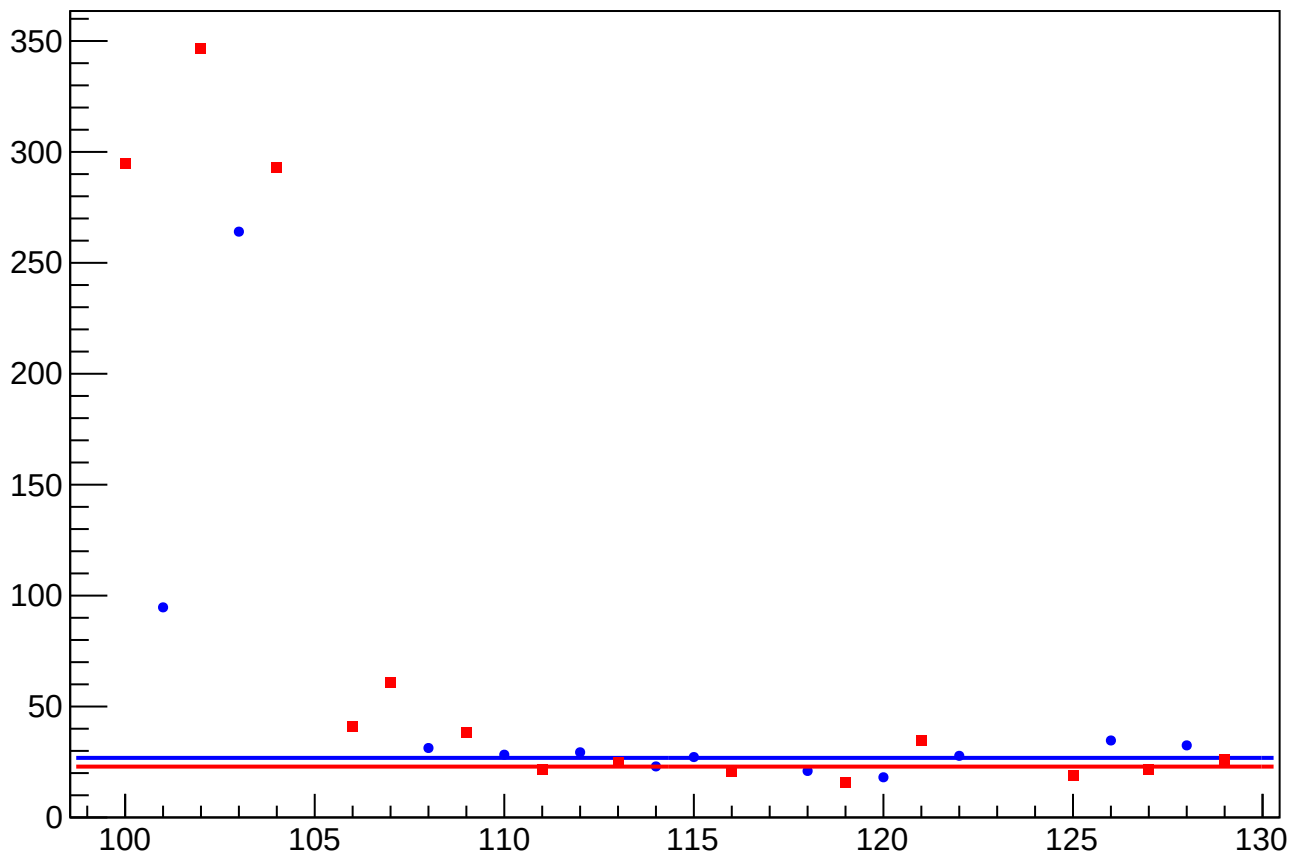
Right: -0.008 ± 0.009 $\chi^2/\text{NDF}: 18.1/25$

In: -0.016 ± 0.014 $\chi^2/\text{NDF}: 11.3/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.008 ± 0.009 $\chi^2/\text{NDF}: 18.1/25$

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.854+/-0.010 χ^2/NDF : 1845961.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.921+/-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

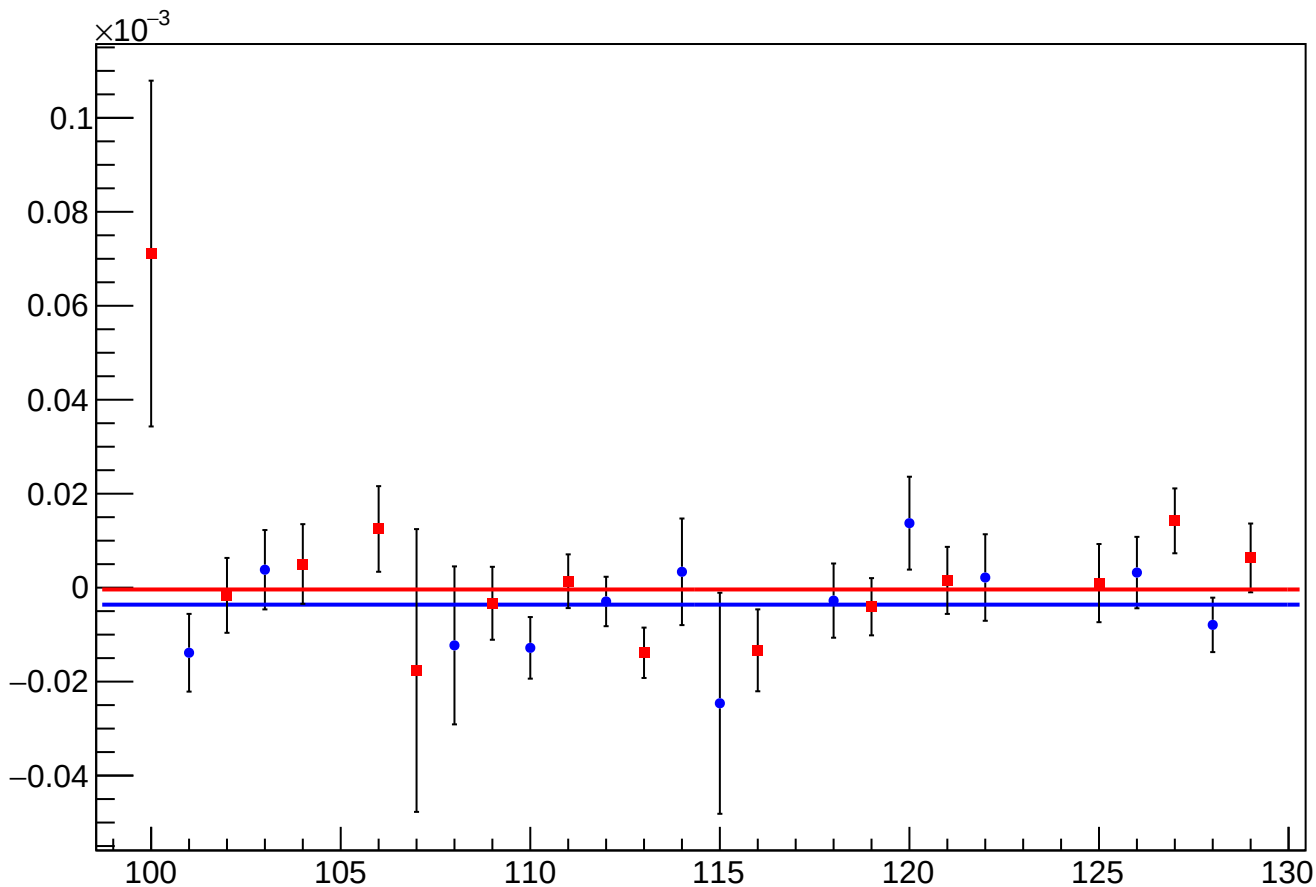
Right: 24.598+/-0.007 χ^2/NDF : 4228217.2/25

In: 26.854+/-0.010 χ^2/NDF : 1845961.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.598+/-0.007 χ^2/NDF : 4228217.2/25

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: 10.6/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 21.1/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

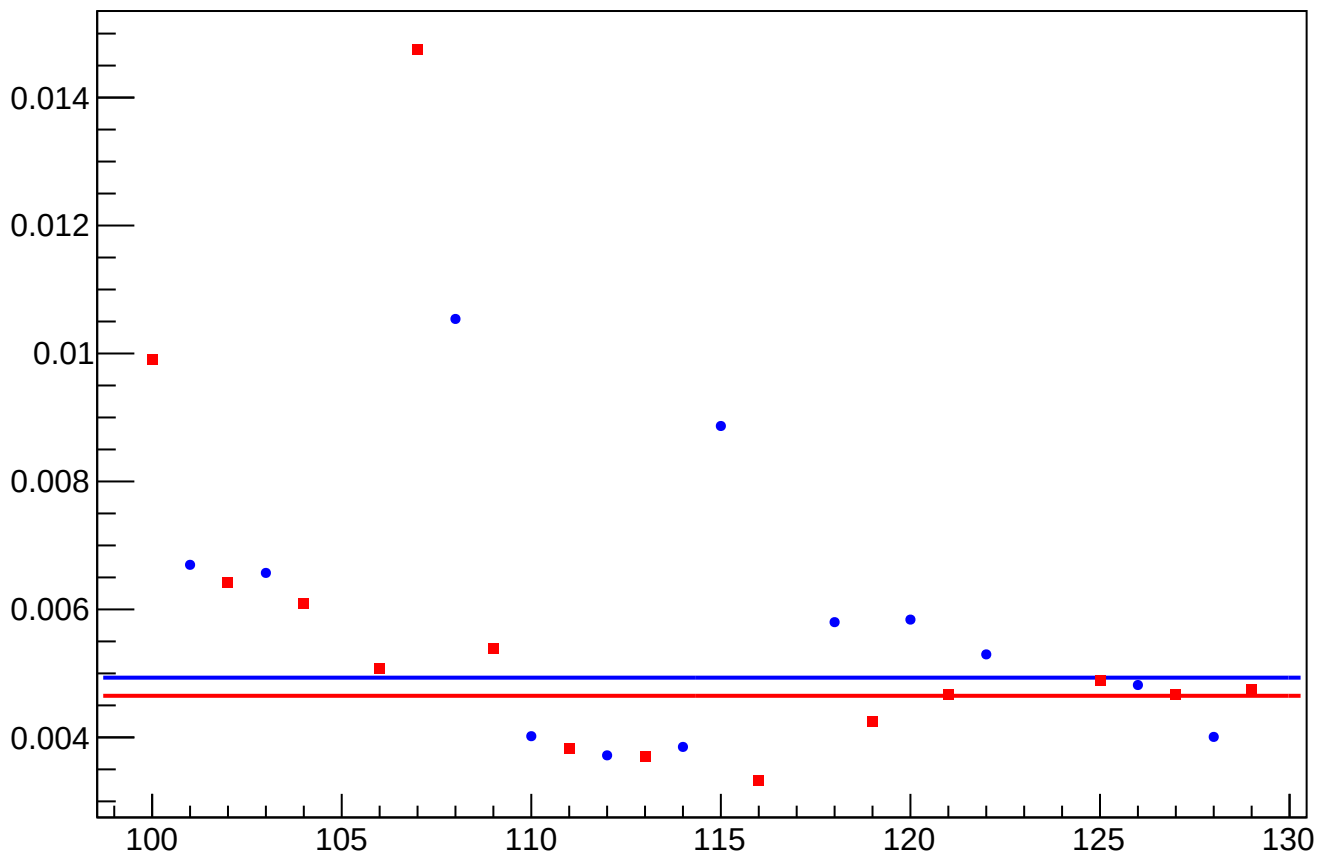
Right: -0.000+/-0.000 χ^2 /NDF: 32.8/25

In: -0.000+/-0.000 χ^2 /NDF:10.6/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 32.8/25

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 : 703554.8/11

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

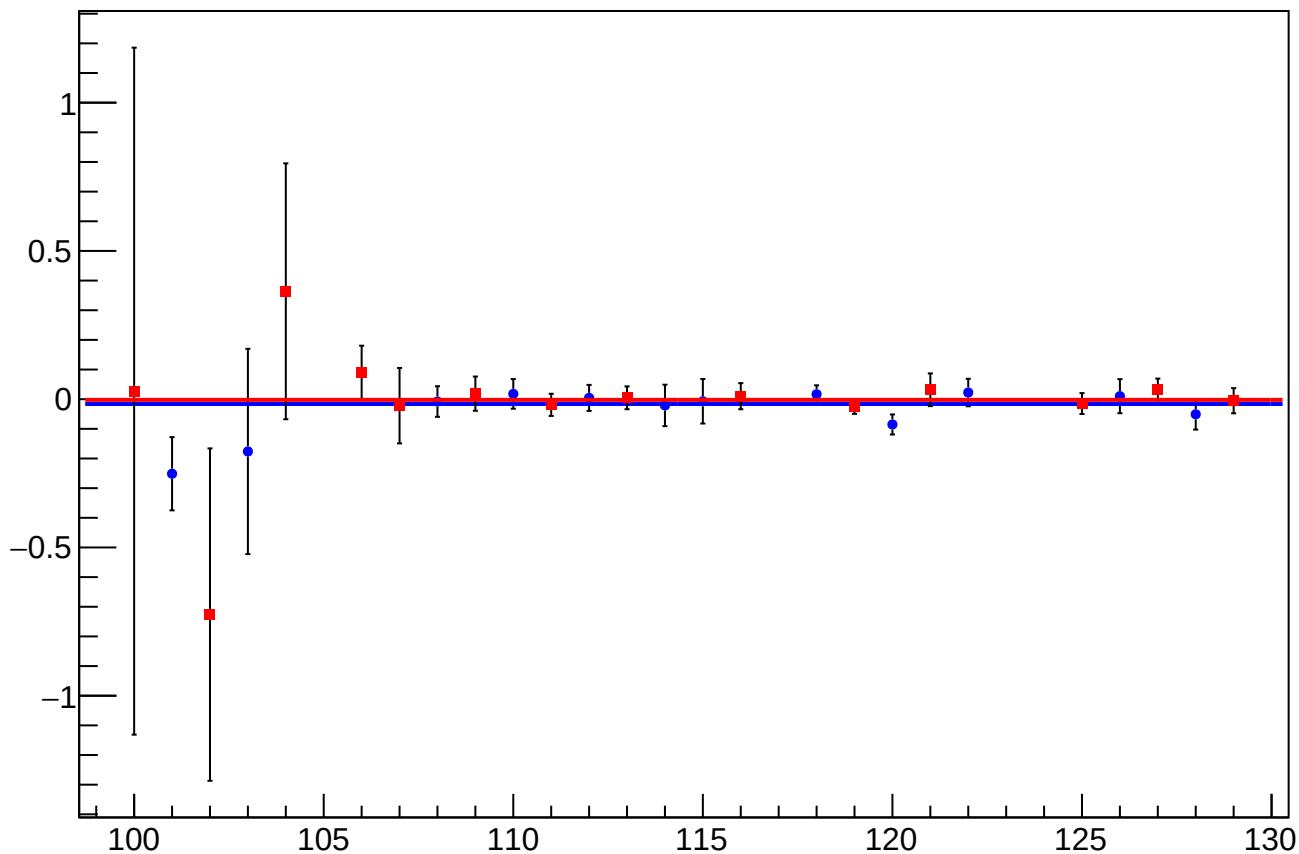
Right: 0.005+/-0.000 χ^2/NDF : 1328006.8/25

In: 0.005+/-0.000 χ^2/NDF : 703554.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1328006.8/25

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 ± 0.014 χ^2/NDF : 11.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.002 ± 0.012 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

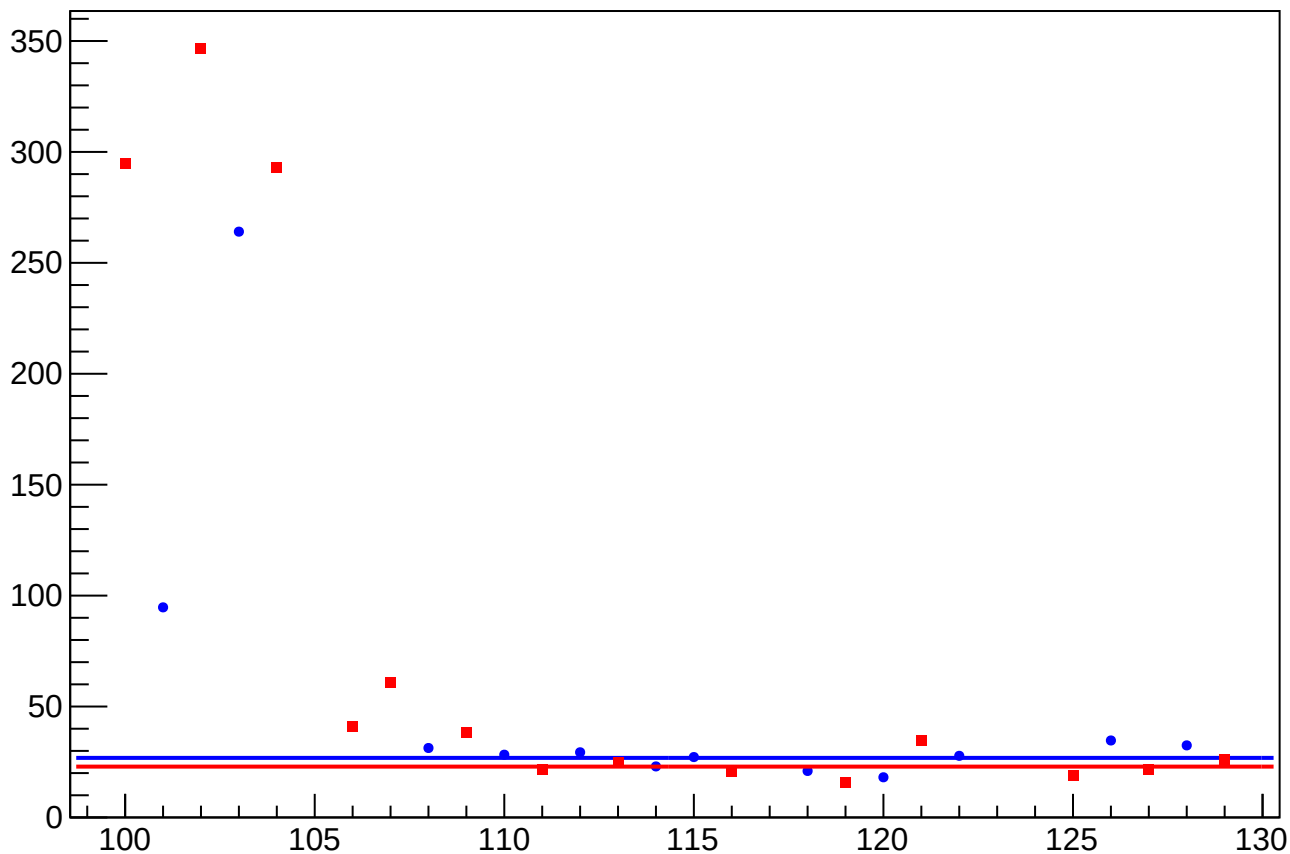
Right: -0.008 ± 0.009 χ^2/NDF : 18.1/25

In: -0.016 ± 0.014 χ^2/NDF : 11.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.008 ± 0.009 χ^2/NDF : 18.1/25

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.854 $\pm$ 0.010 χ^2/NDF : 1845962.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 22.919 $\pm$ 0.009 χ^2/NDF : 2295880.9/13

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

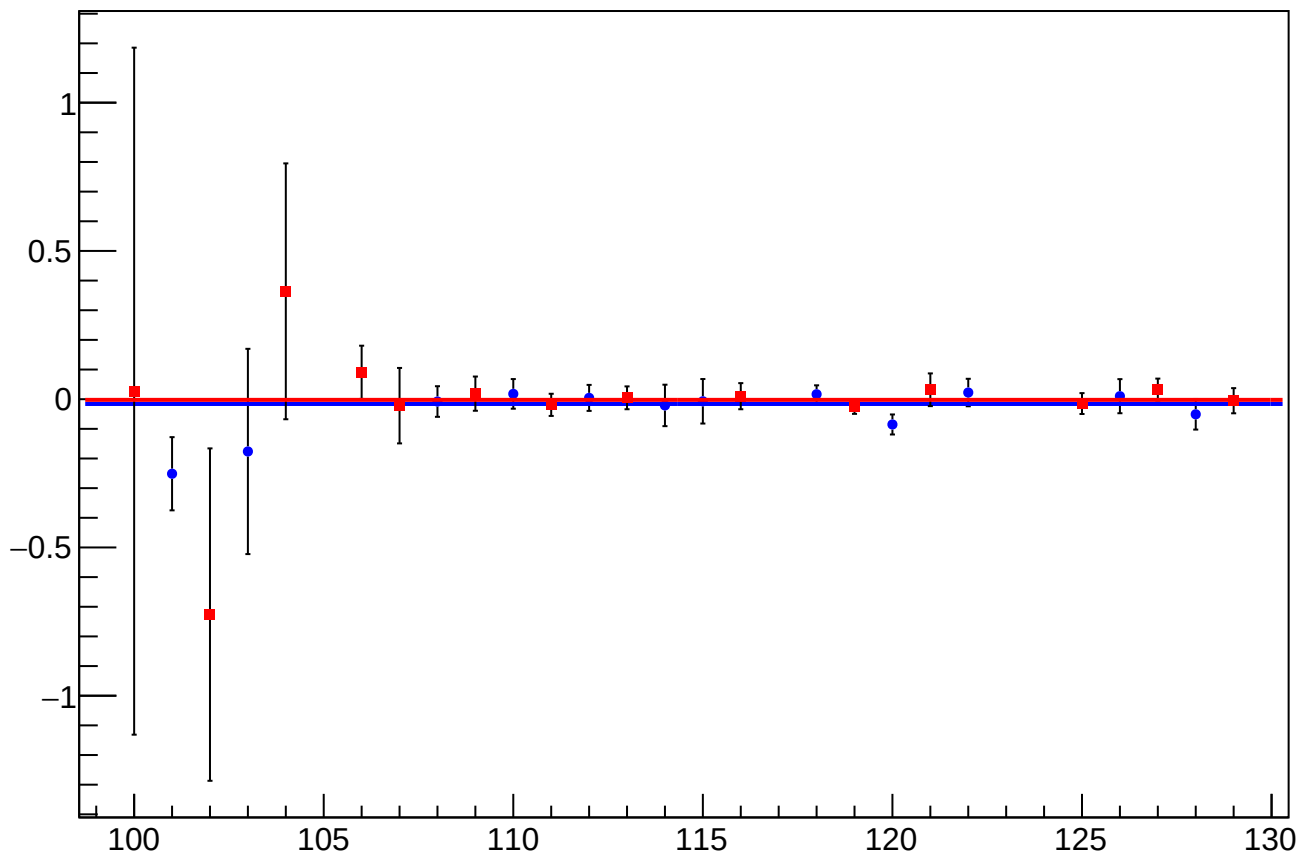
Right: 24.597 $\pm$ 0.007 χ^2/NDF : 4228511.8/25

In: 26.854 $\pm$ 0.010 χ^2/NDF : 1845962.0/11

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 24.597 $\pm$ 0.007 χ^2/NDF : 4228511.8/25

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 $\pm$ 0.014 χ^2/NDF : 11.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.002 $\pm$ 0.012 χ^2/NDF : 6.3/13

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

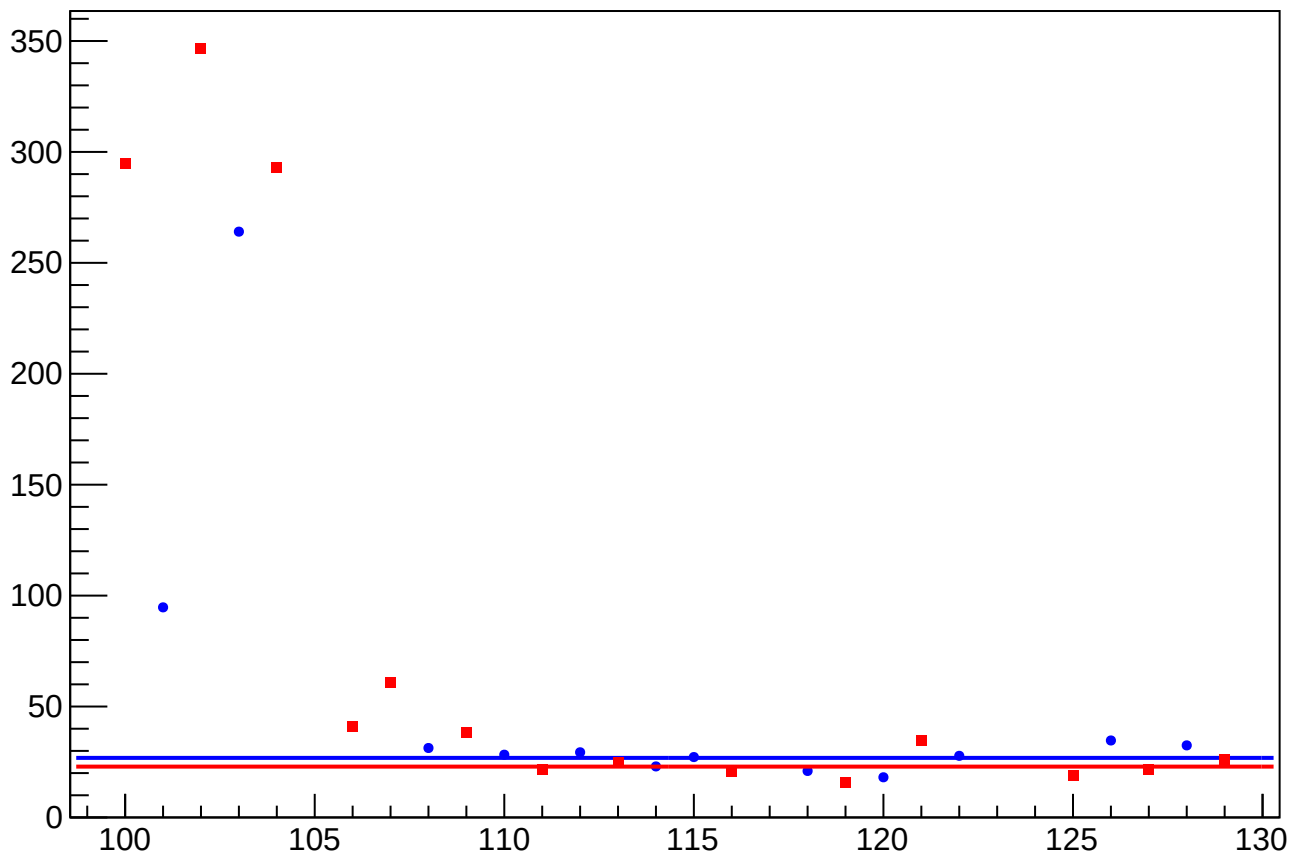
Right: -0.008 $\pm$ 0.009 χ^2/NDF : 18.1/25

In: -0.016 $\pm$ 0.014 χ^2/NDF : 11.3/11

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.008 $\pm$ 0.009 χ^2/NDF : 18.1/25

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.854+/-0.010 χ^2/NDF : 1845962.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.919+/-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

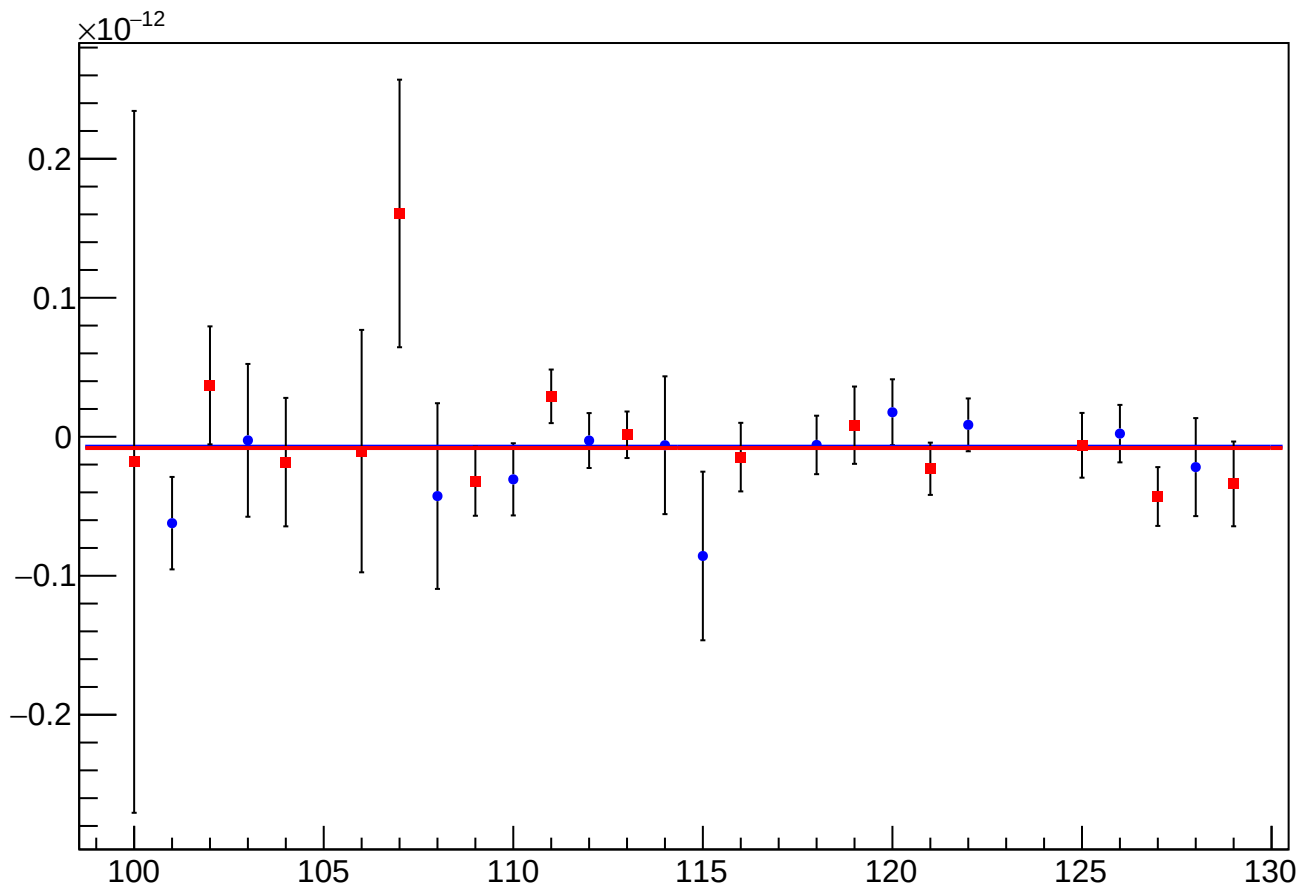
Right: 24.597+/-0.007 χ^2/NDF : 4228511.8/25

In: 26.854+/-0.010 χ^2/NDF : 1845962.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.597+/-0.007 χ^2/NDF : 4228511.8/25

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 : 7.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.7/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

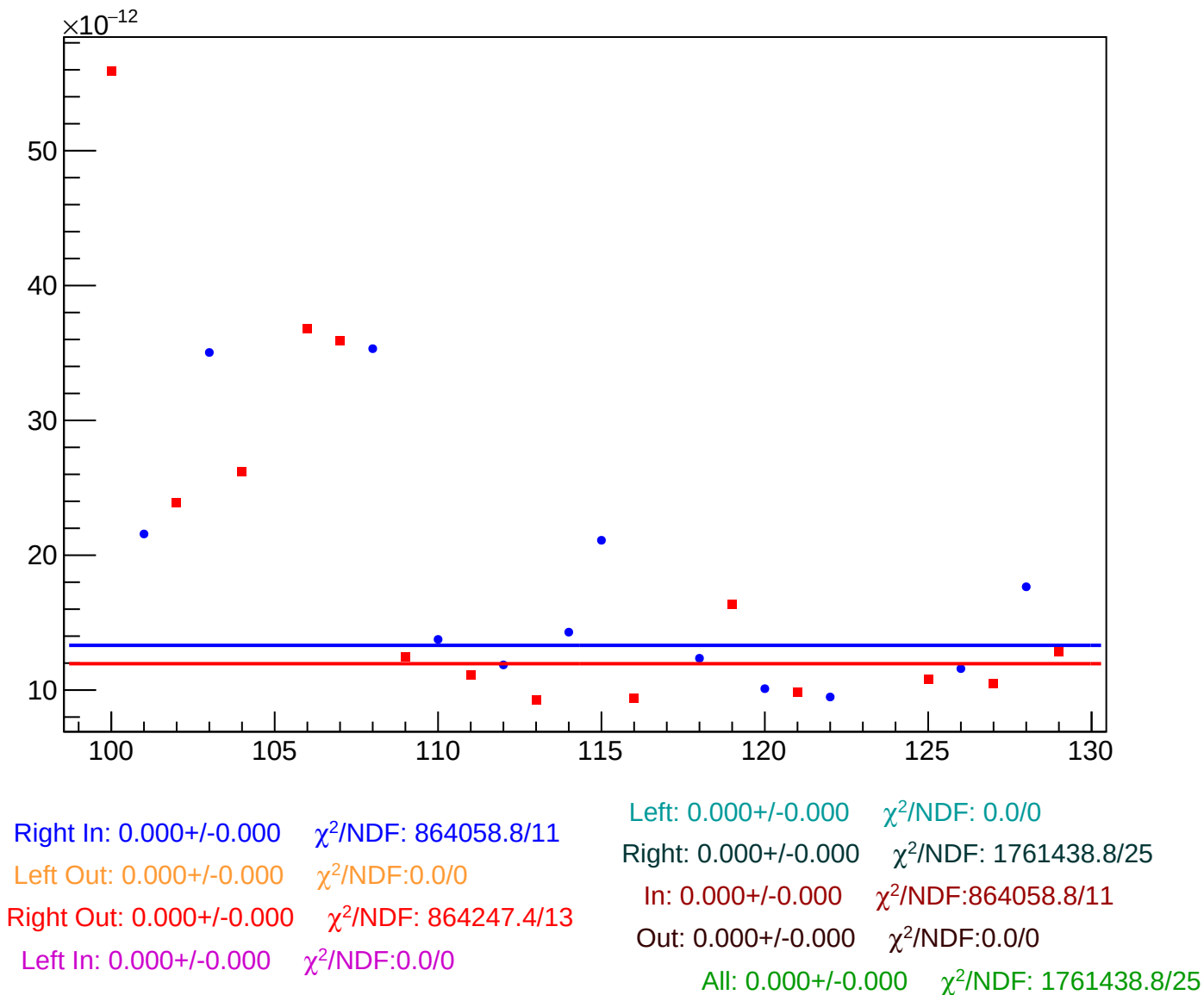
Right: -0.000+/-0.000 χ^2/NDF : 21.5/25

In: -0.000+/-0.000 χ^2/NDF : 7.7/11

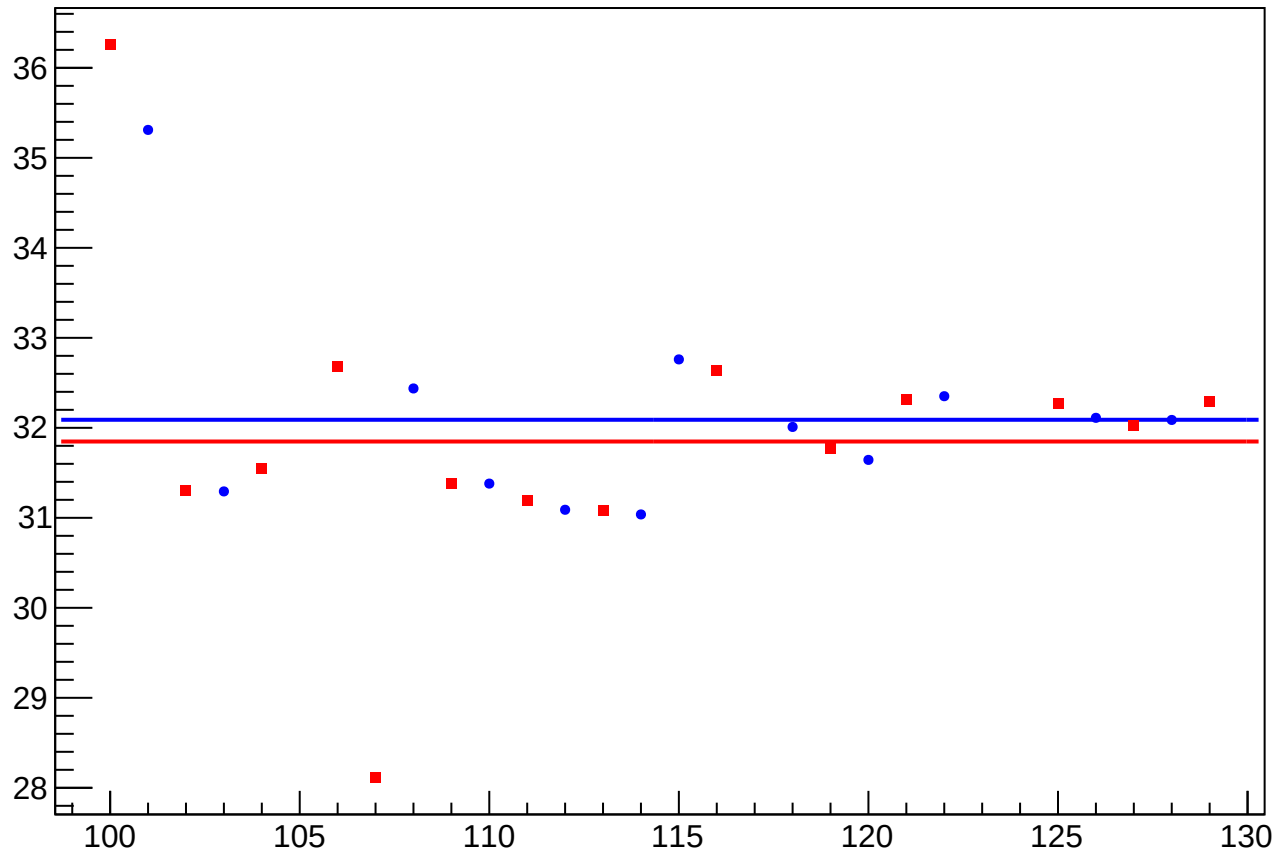
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.5/25

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: 32.089+/-0.000 χ^2/NDF : 831408703.8/11

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

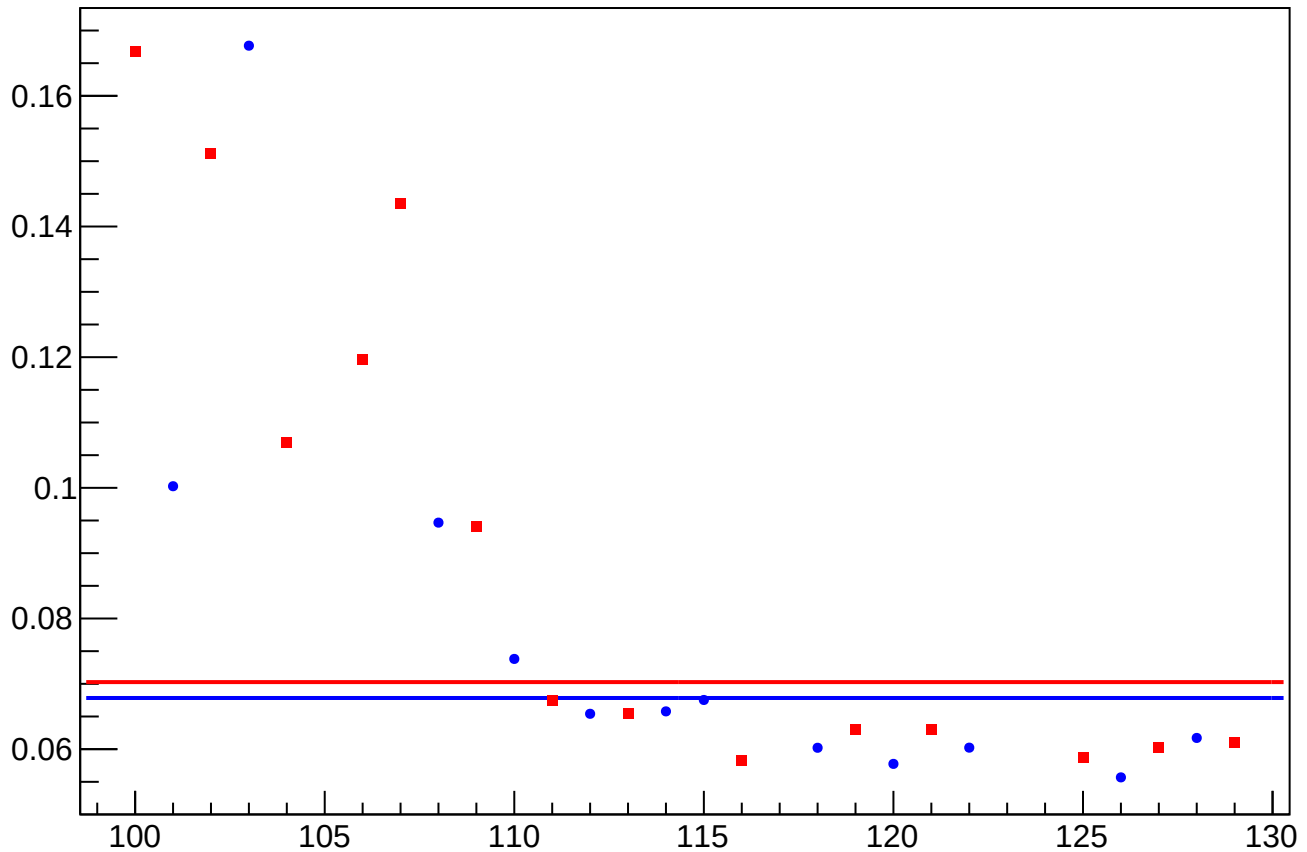
Right: 31.965+/-0.000 χ^2/NDF : 1295268459.9/25

In: 32.089+/-0.000 χ^2/NDF : 831408703.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.965+/-0.000 χ^2/NDF : 1295268459.9/25

yield_usl_rms vs Slug, Sign Corrected



Right In: 0.068+/-0.000 χ^2/NDF : 691836.9/11

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

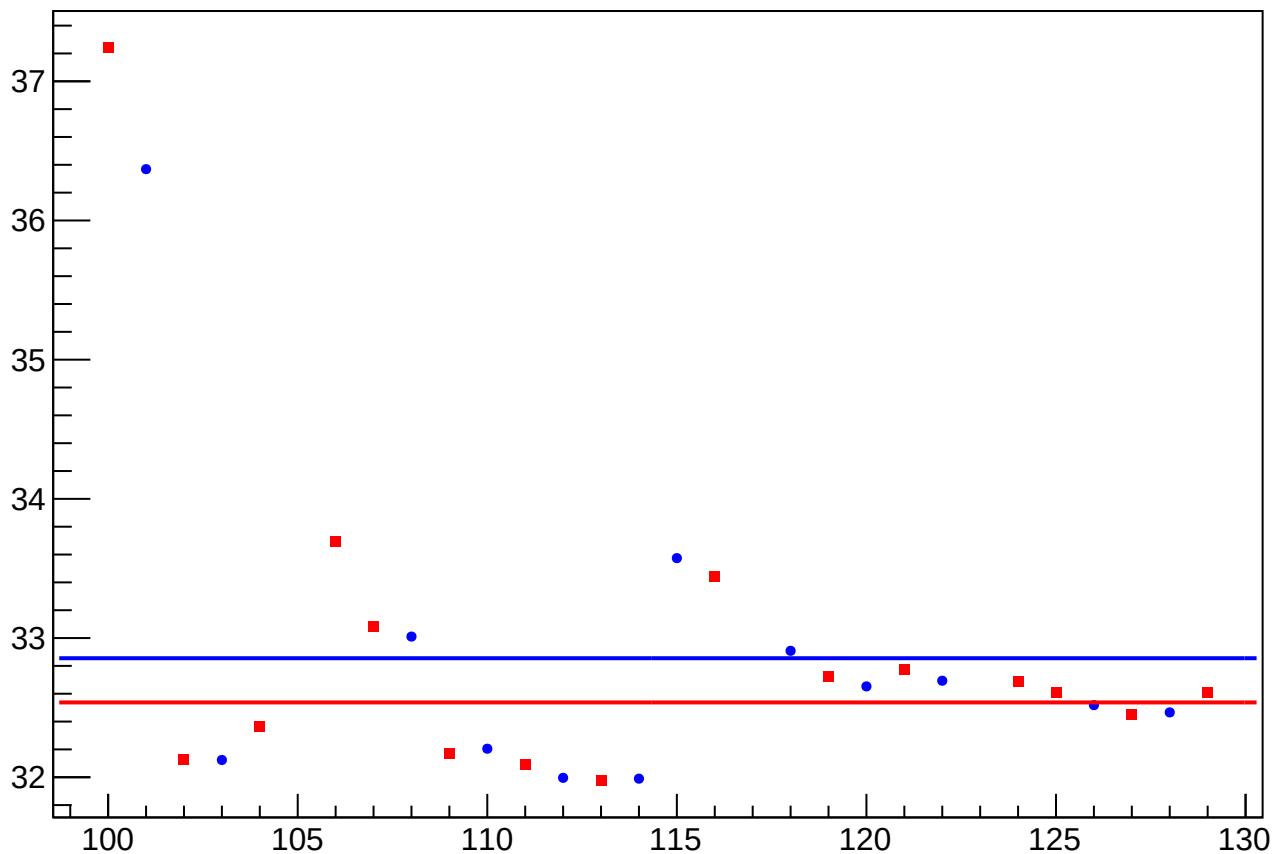
Right: 0.069+/-0.000 χ^2/NDF : 1560623.2/25

In: 0.068+/-0.000 χ^2/NDF : 691836.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.069+/-0.000 χ^2/NDF : 1560623.2/25

yield_usr_mean vs Slug, Sign Corrected



Right In: 32.855+/-0.000 χ^2/NDF : 654113781.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.537+/-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

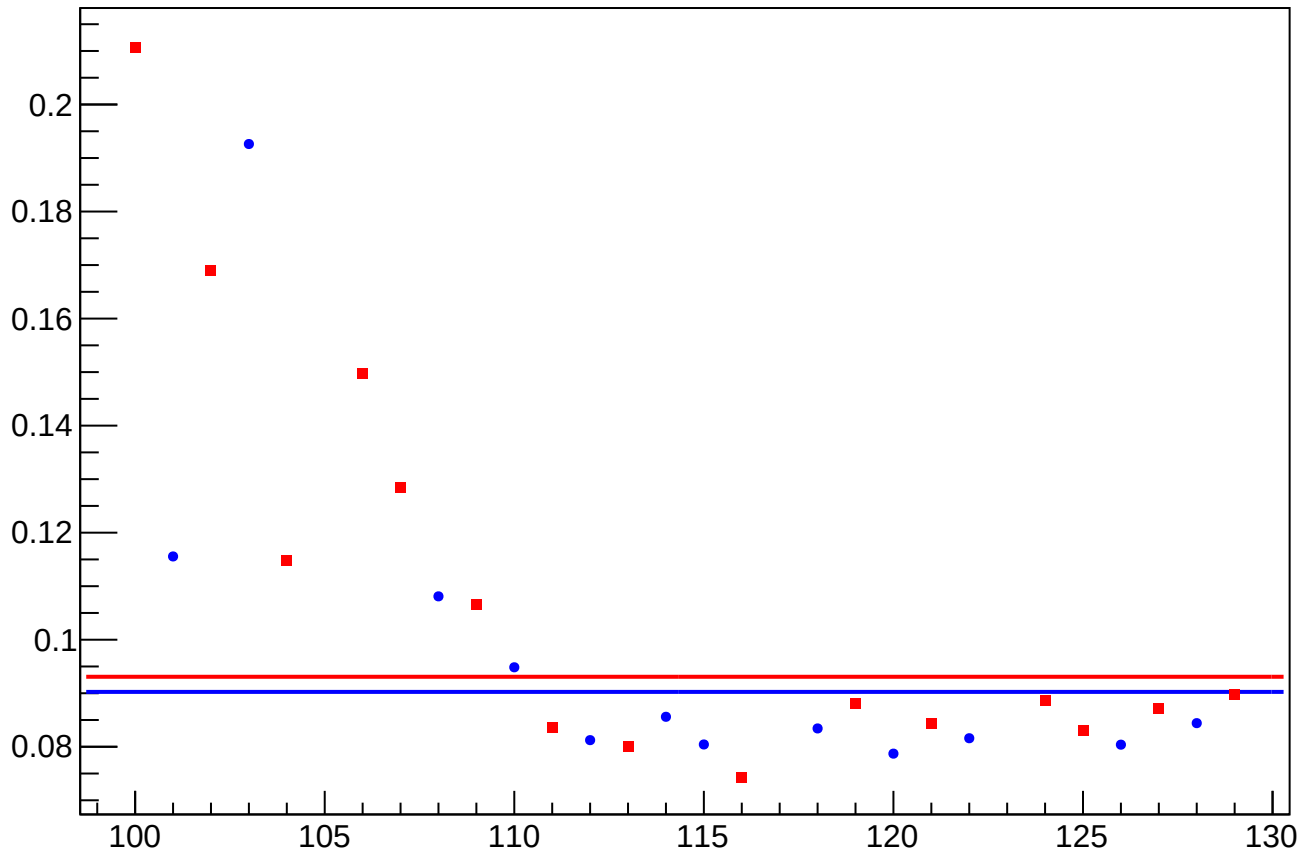
Right: 32.689+/-0.000 χ^2/NDF : 822136005.5/26

In: 32.855+/-0.000 χ^2/NDF : 654113781.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.689+/-0.000 χ^2/NDF : 822136005.5/26

yield_usr_rms vs Slug, Sign Corrected



Right In: 0.090+/-0.000 χ^2/NDF : 466551.5/11

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

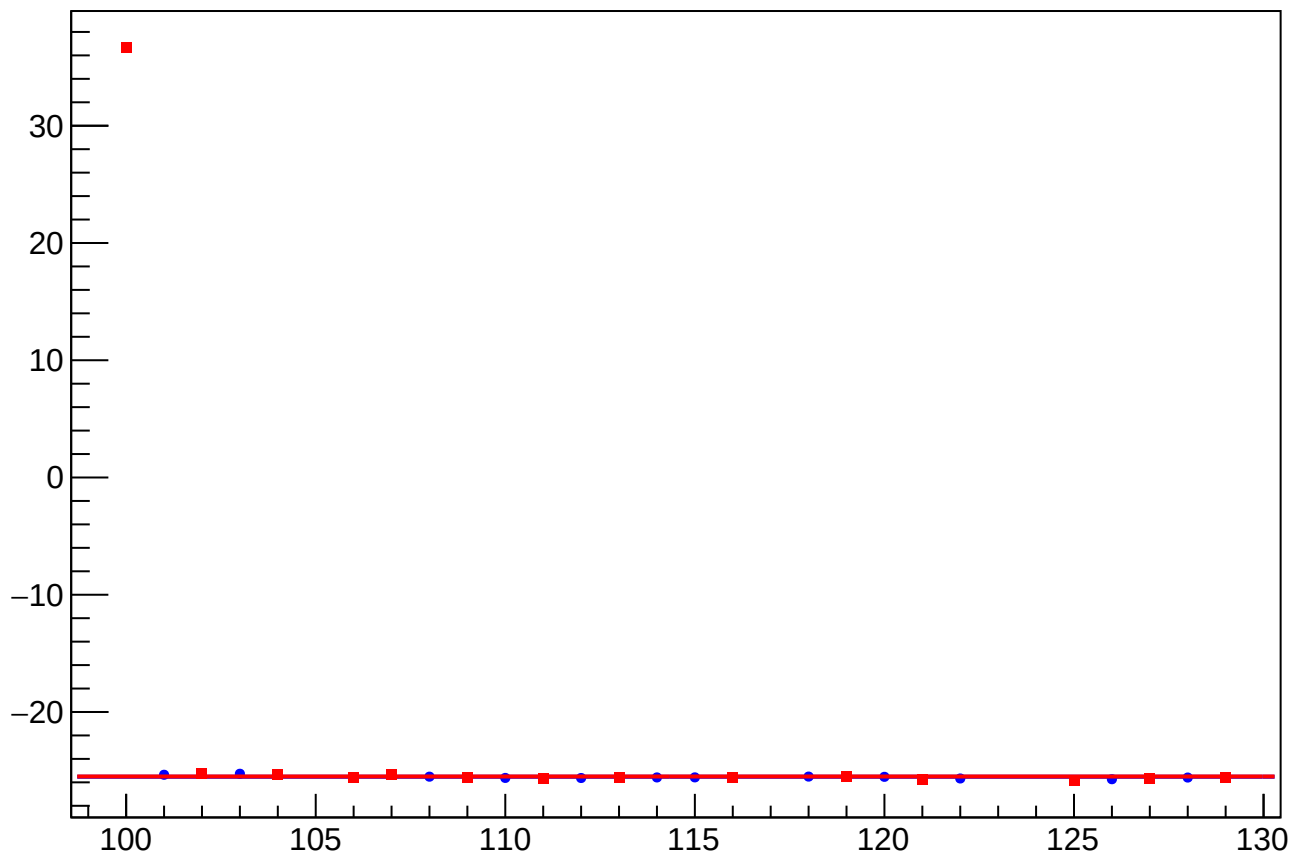
Right: 0.092+/-0.000 χ^2/NDF : 993814.7/26

In: 0.090+/-0.000 χ^2/NDF : 466551.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.092+/-0.000 χ^2/NDF : 993814.7/26

yield_dsl_mean vs Slug, Sign Corrected



Right In: -25.522+/-0.000 χ^2/NDF : 54421198.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.500+/-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

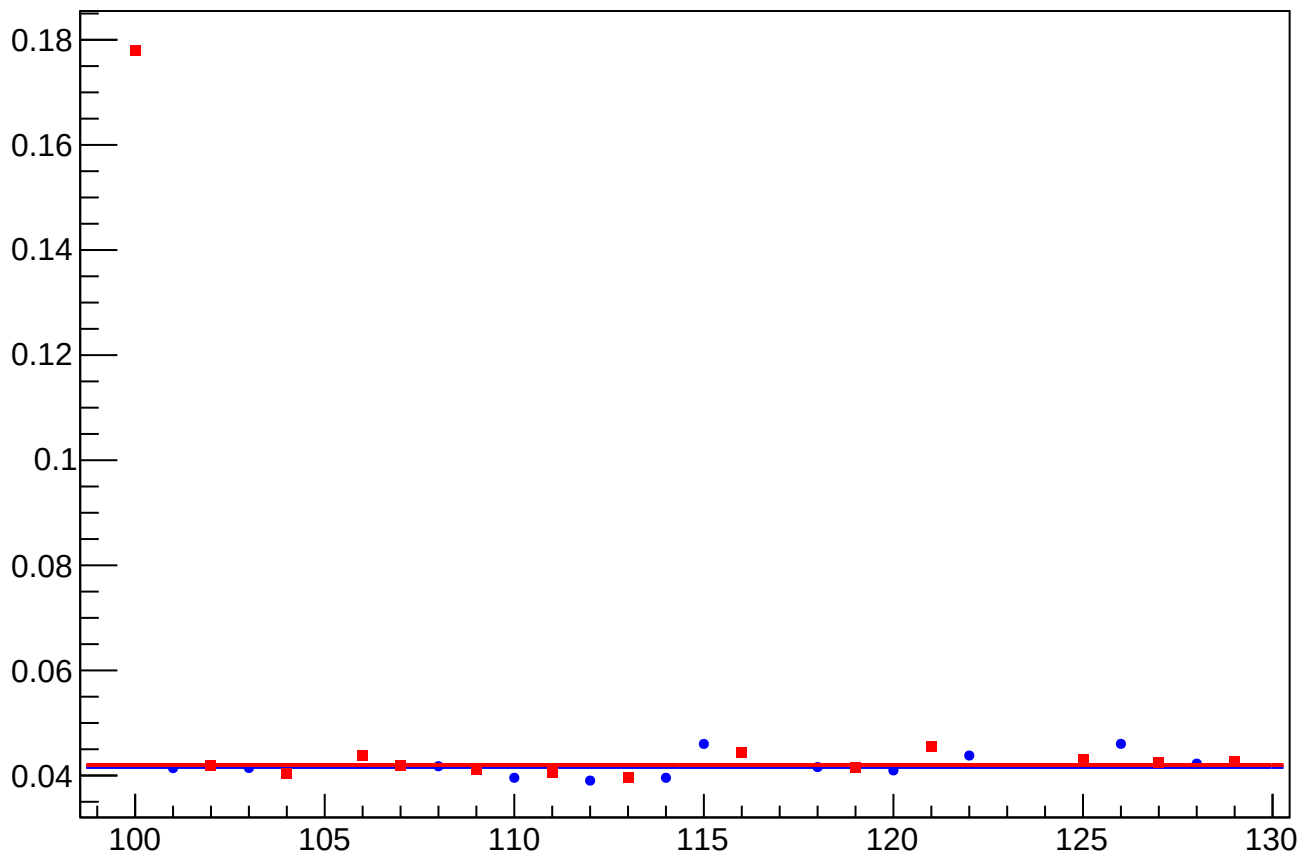
Right: -25.511+/-0.000 χ^2/NDF : 8930299762.2/25

In: -25.522+/-0.000 χ^2/NDF : 54421198.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.511+/-0.000 χ^2/NDF : 8930299762.2/25

yield_dsl_rms vs Slug, Sign Corrected



Right In: 0.042+/-0.000 χ^2/NDF : 19356.3/11

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

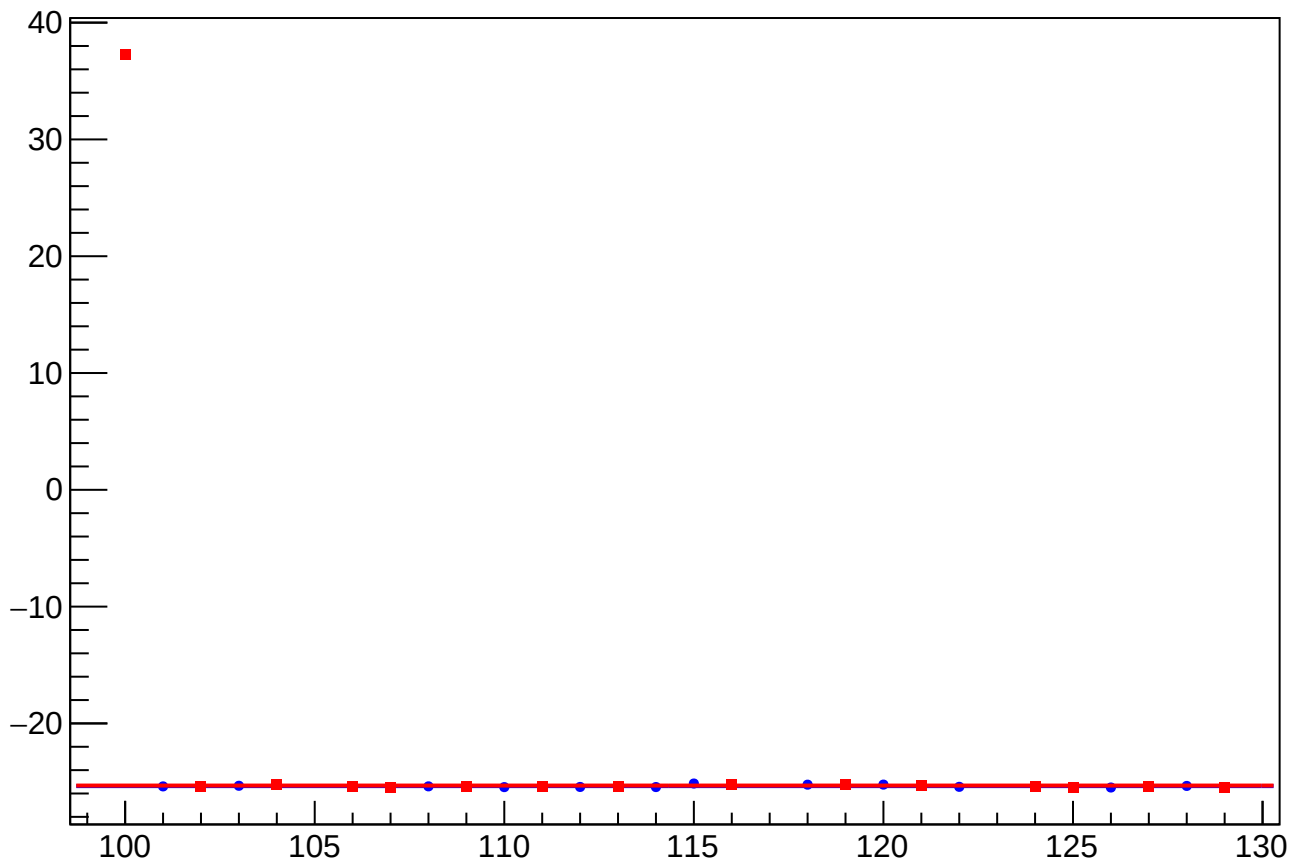
Right: 0.042+/-0.000 χ^2/NDF : 118676.0/25

In: 0.042+/-0.000 χ^2/NDF : 19356.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.042+/-0.000 χ^2/NDF : 118676.0/25

yield_dsr_mean vs Slug, Sign Corrected



Right In: -25.369+/-0.000 χ^2/NDF : 10067318.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.320+/-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

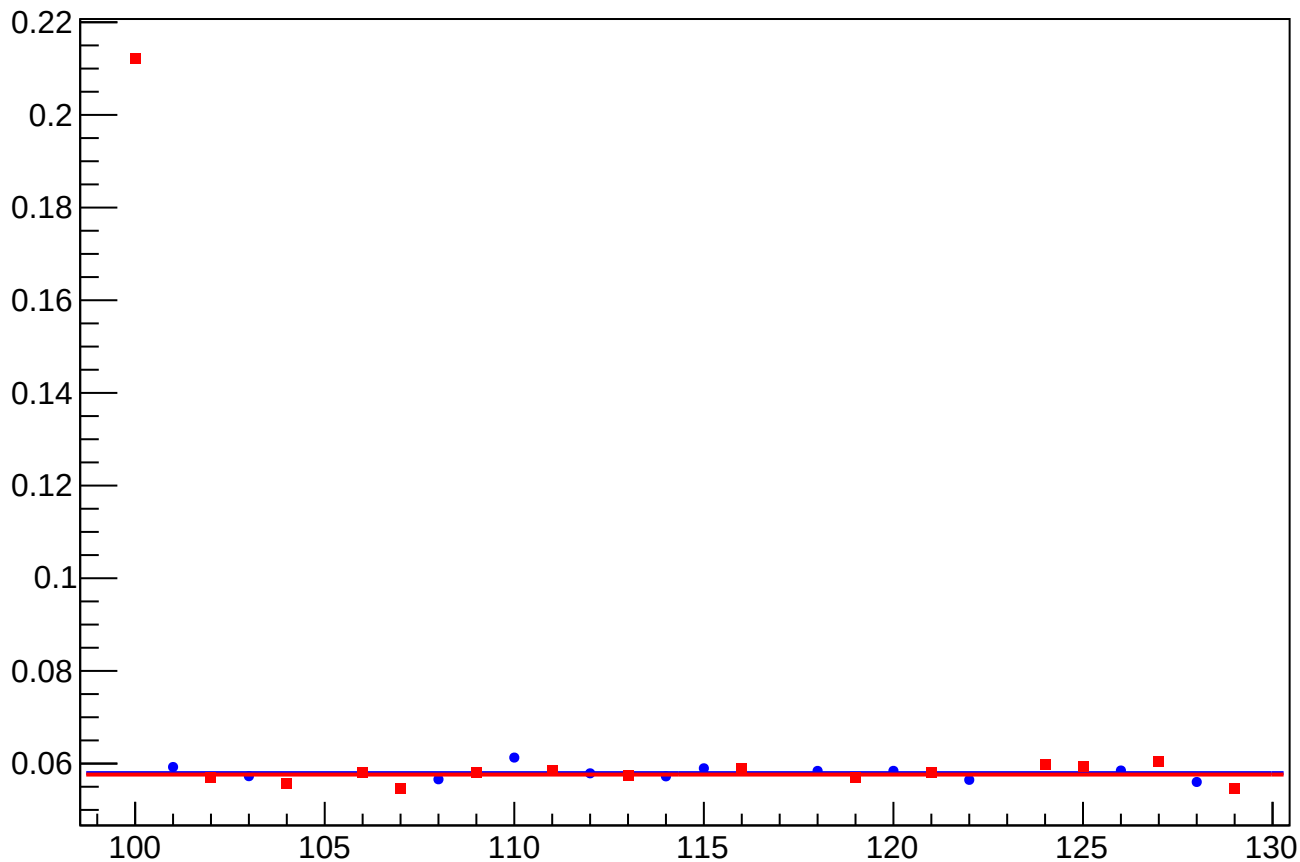
Right: -25.342+/-0.000 χ^2/NDF : 6325535170.1/26

In: -25.369+/-0.000 χ^2/NDF : 10067318.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.342+/-0.000 χ^2/NDF : 6325535170.1/26

yield_dsr_rms vs Slug, Sign Corrected



Right In: 0.058+/-0.000 χ^2/NDF : 5353.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.058+/-0.000 χ^2/NDF : 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

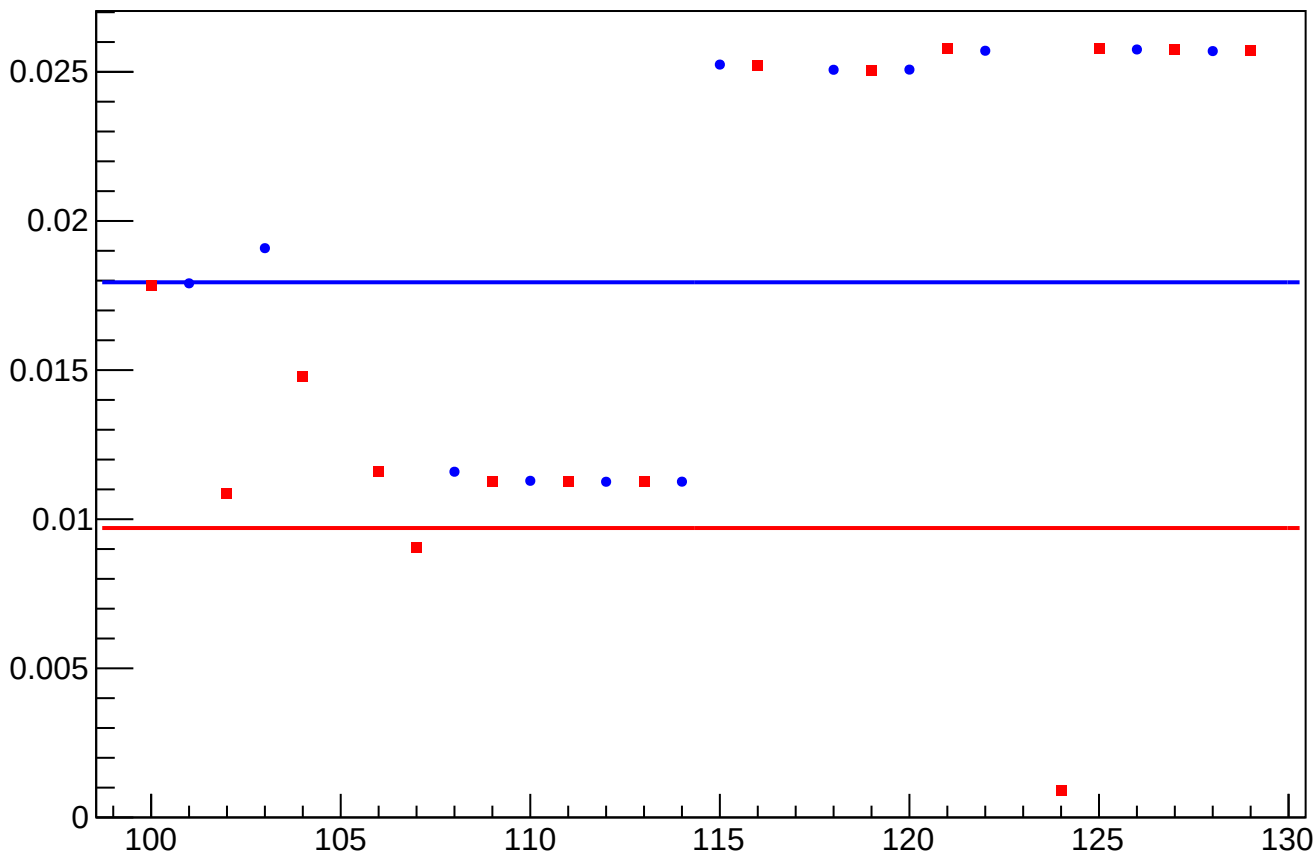
Right: 0.058+/-0.000 χ^2/NDF : 91162.3/26

In: 0.058+/-0.000 χ^2/NDF : 5353.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.058+/-0.000 χ^2/NDF : 91162.3/26

yield_atl1_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 45788367127.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-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

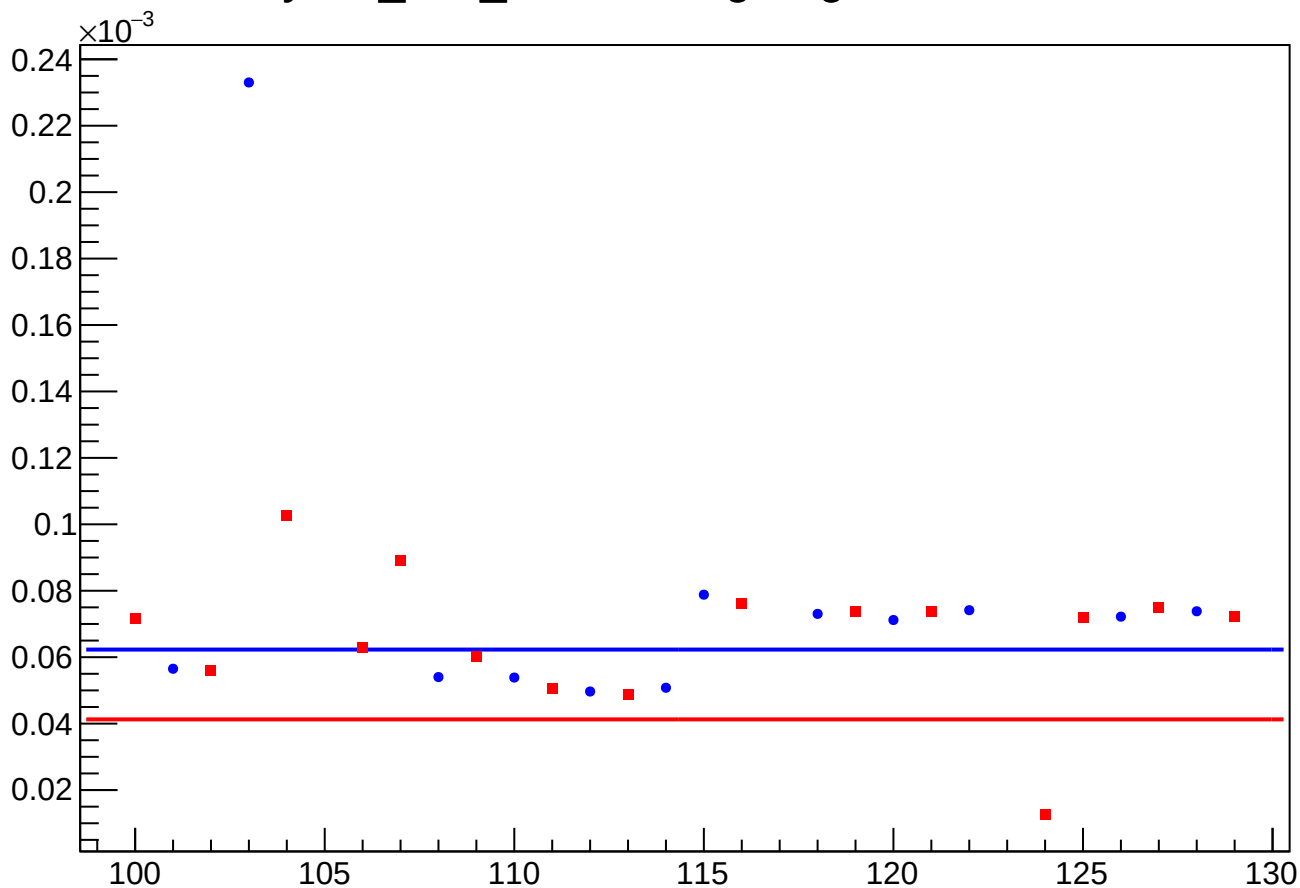
Right: 0.012+/-0.000 χ^2/NDF : 290301492178.4/26

In: 0.018+/-0.000 χ^2/NDF : 45788367127.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 290301492178.4

yield_atl1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 750782.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

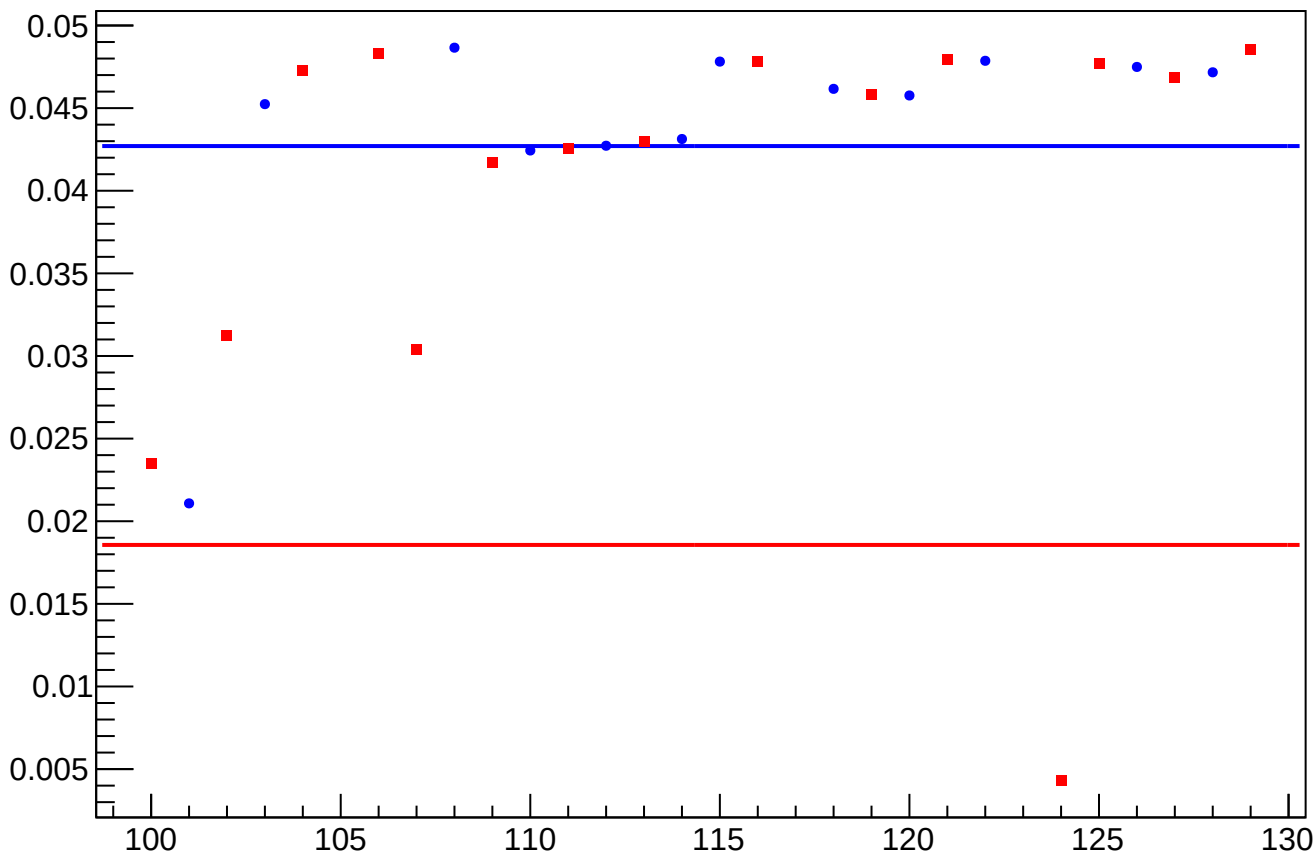
Right: 0.000+/-0.000 χ^2/NDF : 4650992.5/26

In: 0.000+/-0.000 χ^2/NDF : 750782.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4650992.5/26

yield_atl2_mean vs Slug, Sign Corrected



Right In: 0.043+/-0.000

χ^2/NDF : 2823820069.7/11

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 : 58251165368.6/26

Right Out: 0.019+/-0.000

χ^2/NDF : 39499975112.9/14

In: 0.043+/-0.000

χ^2/NDF : 2823820069.7/11

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

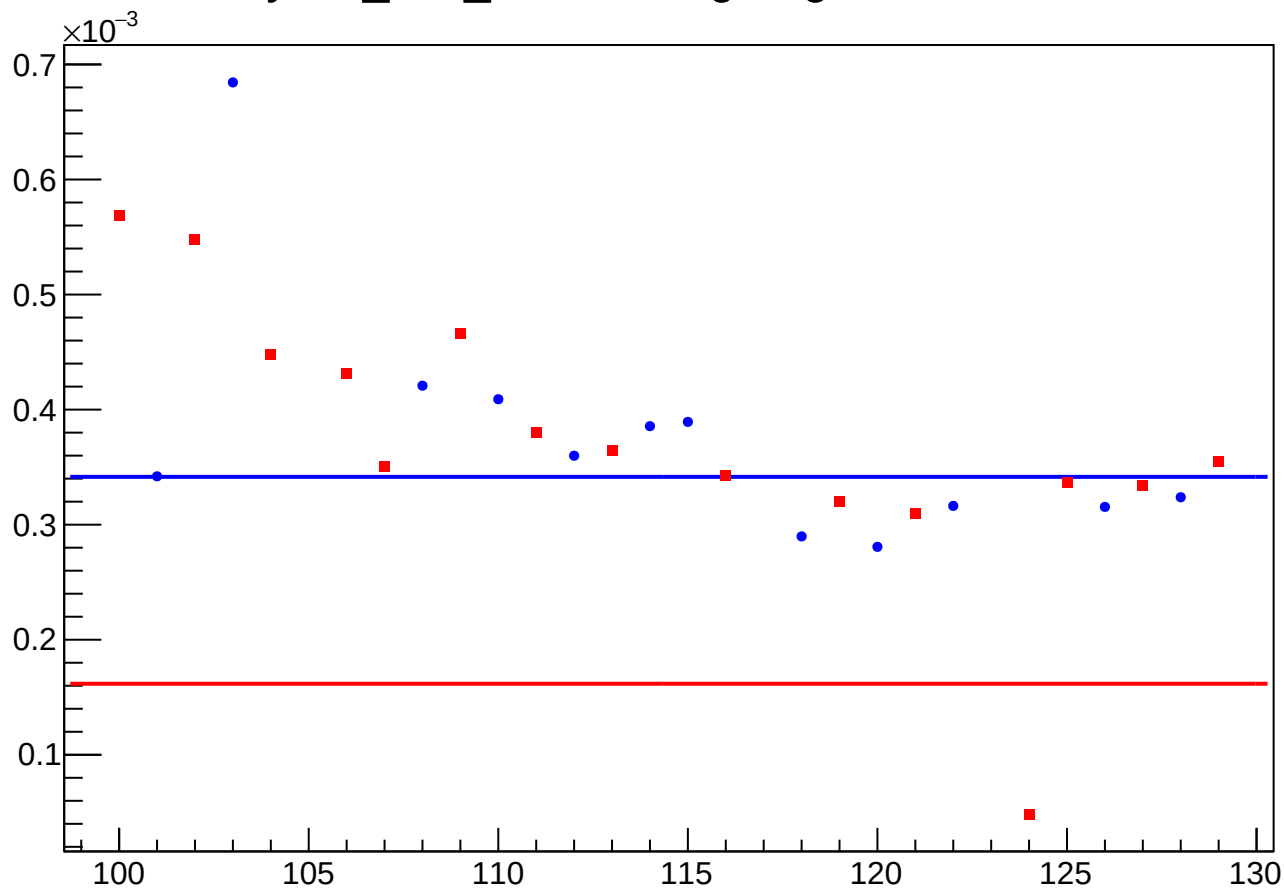
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.025+/-0.000

χ^2/NDF : 58251165368.6/26

yield_atl2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 405541.3/11

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

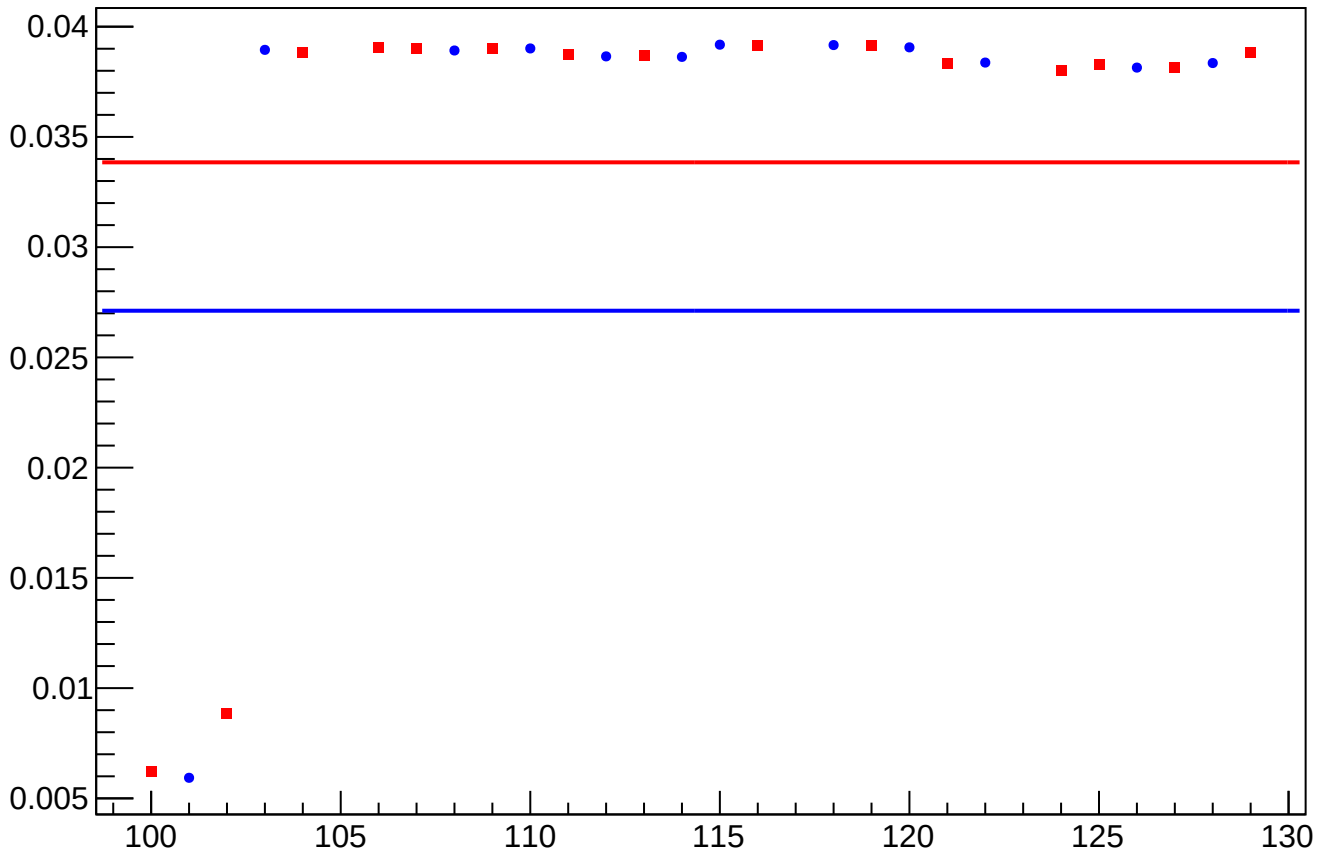
Right: 0.000+/-0.000 χ^2/NDF : 7355640.5/26

In: 0.000+/-0.000 χ^2/NDF : 405541.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7355640.5/26

yield_atr1_mean vs Slug, Sign Corrected



Right In: 0.027+/-0.000 χ^2/NDF : 95048125622.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.034+/-0.000 χ^2/NDF : 45428602180.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

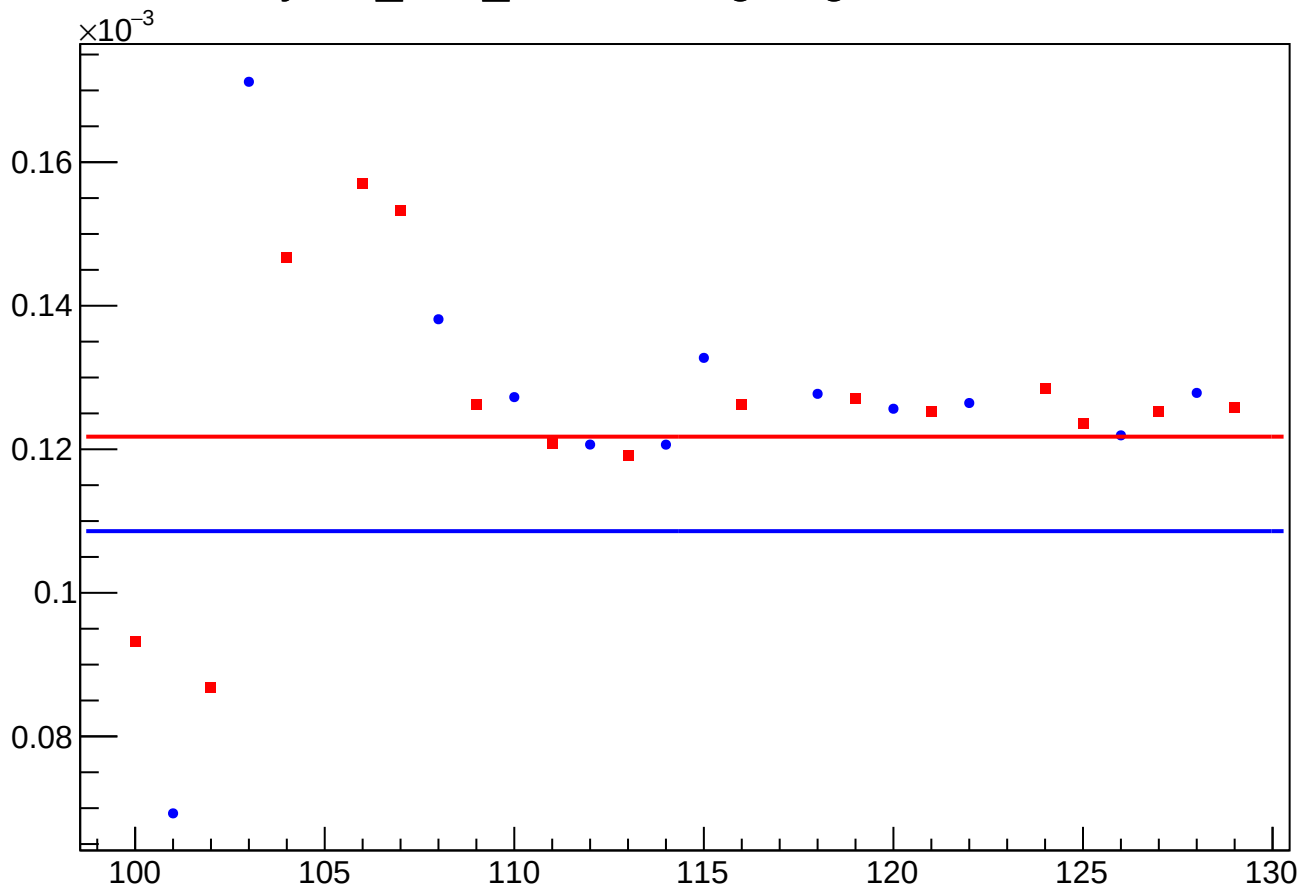
Right: 0.030+/-0.000 χ^2/NDF : 149000889817.3/26

In: 0.027+/-0.000 χ^2/NDF : 95048125622.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.030+/-0.000 χ^2/NDF : 149000889817.3

yield_atr1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 740375.6/11

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

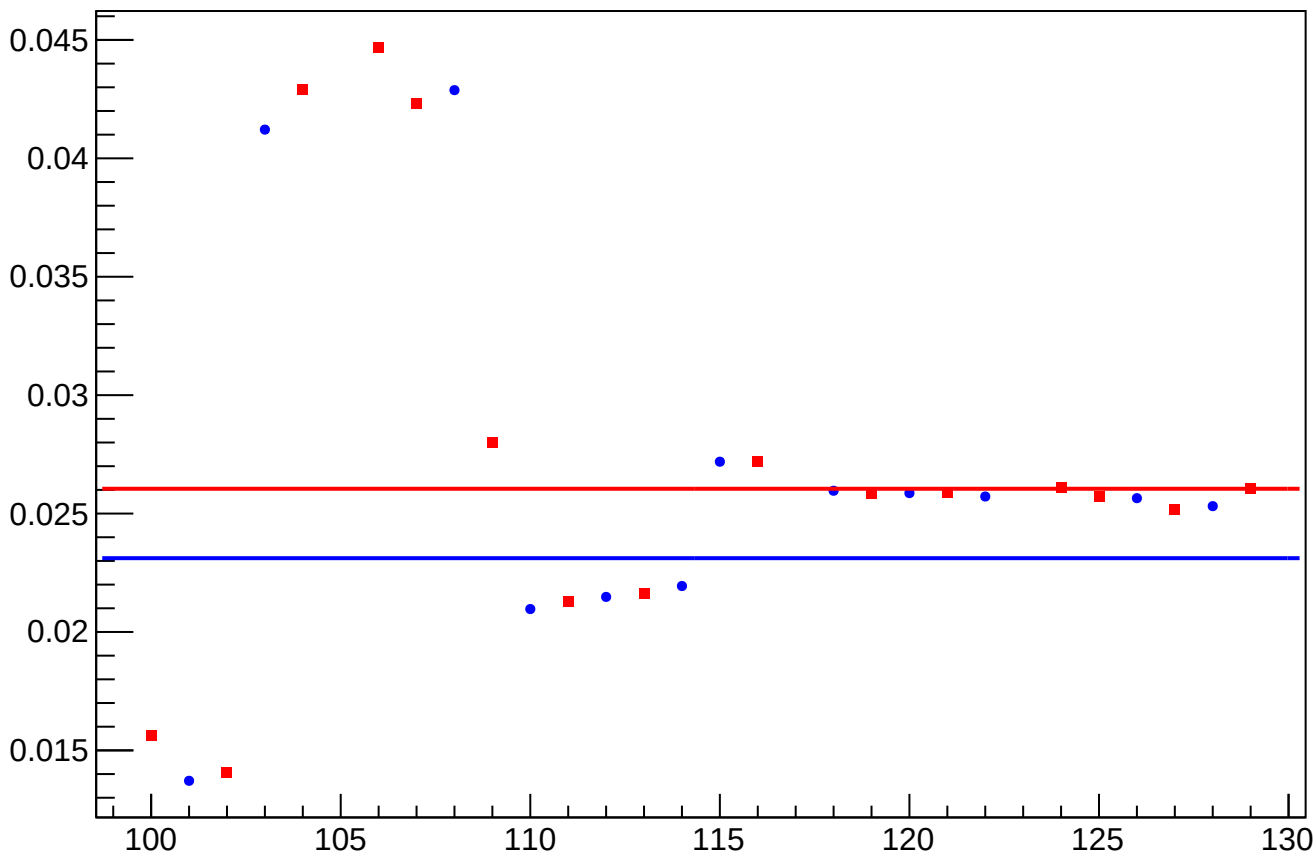
Right: 0.000+/-0.000 χ^2/NDF : 1029135.9/26

In: 0.000+/-0.000 χ^2/NDF : 740375.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1029135.9/26

yield_atr2_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.000

χ^2/NDF : 3483512187.3/11

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 : 6985242229.5/26

Right Out: 0.026+/-0.000

χ^2/NDF : 3233387974.2/14

In: 0.023+/-0.000

χ^2/NDF : 3483512187.3/11

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

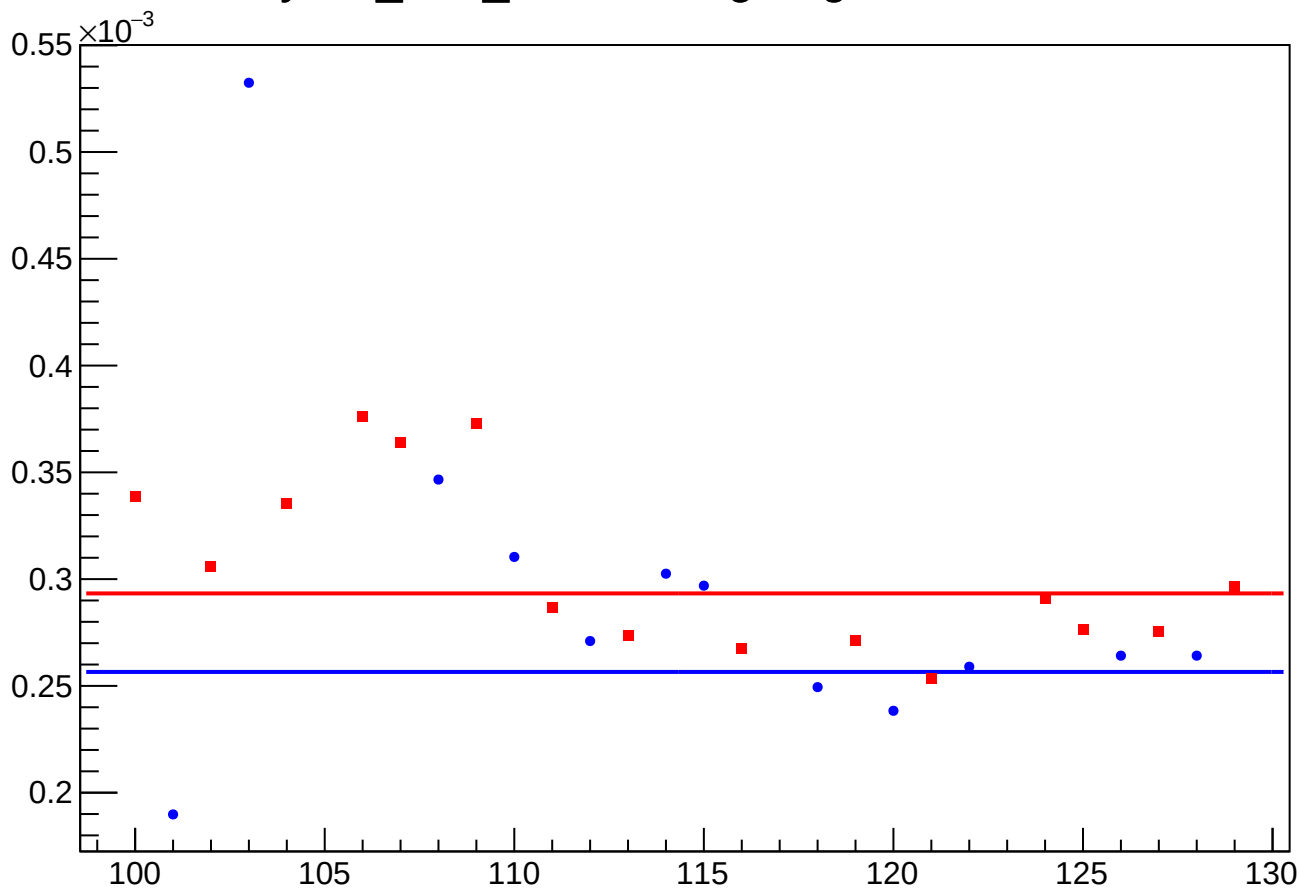
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.025+/-0.000

χ^2/NDF : 6985242229.5/26

yield_atr2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 530366.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

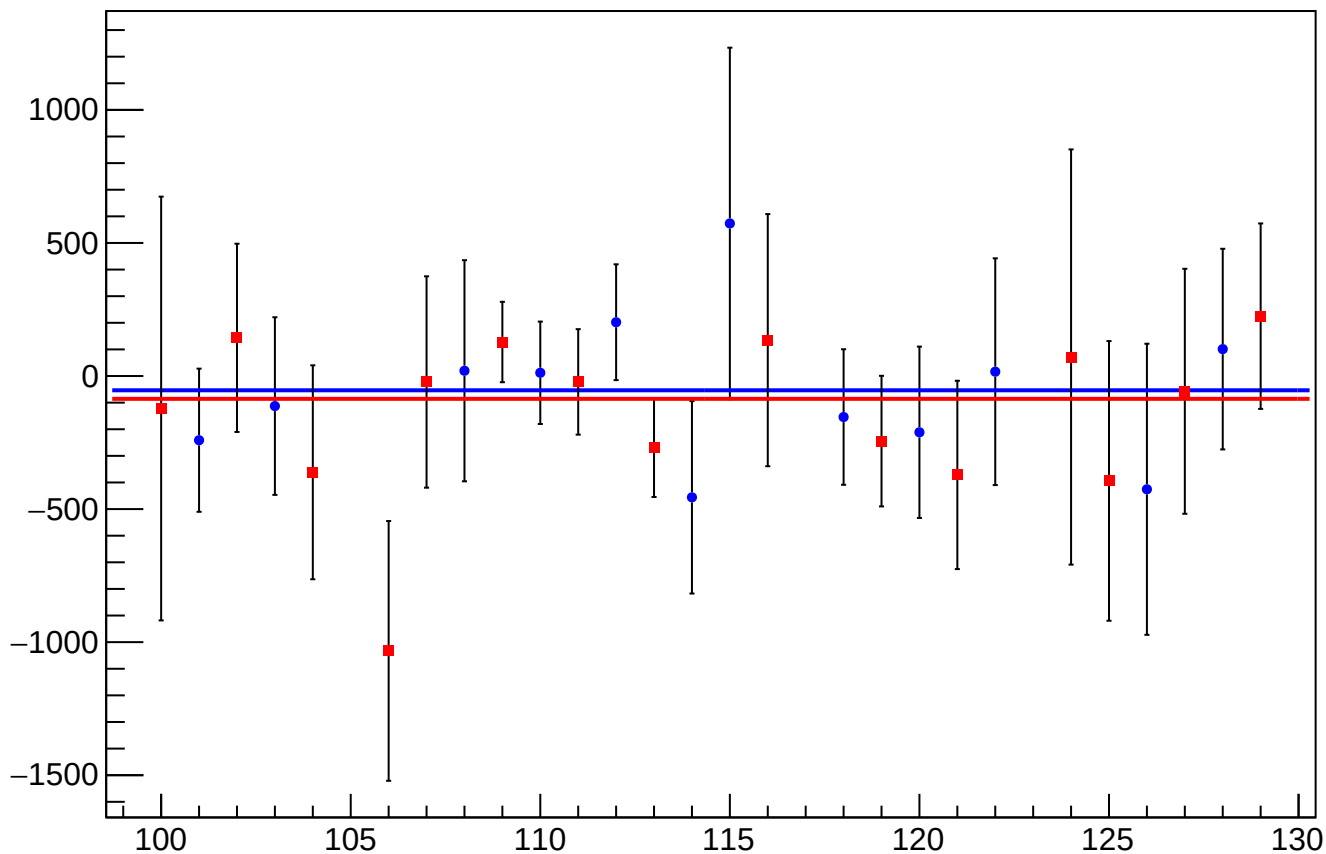
Right: 0.000+/-0.000 χ^2/NDF : 756904.9/26

In: 0.000+/-0.000 χ^2/NDF : 530366.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 756904.9/26

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -53.622 $\pm$ 88.515 χ^2 /NDF: 5.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -85.741 $\pm$ 76.242 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

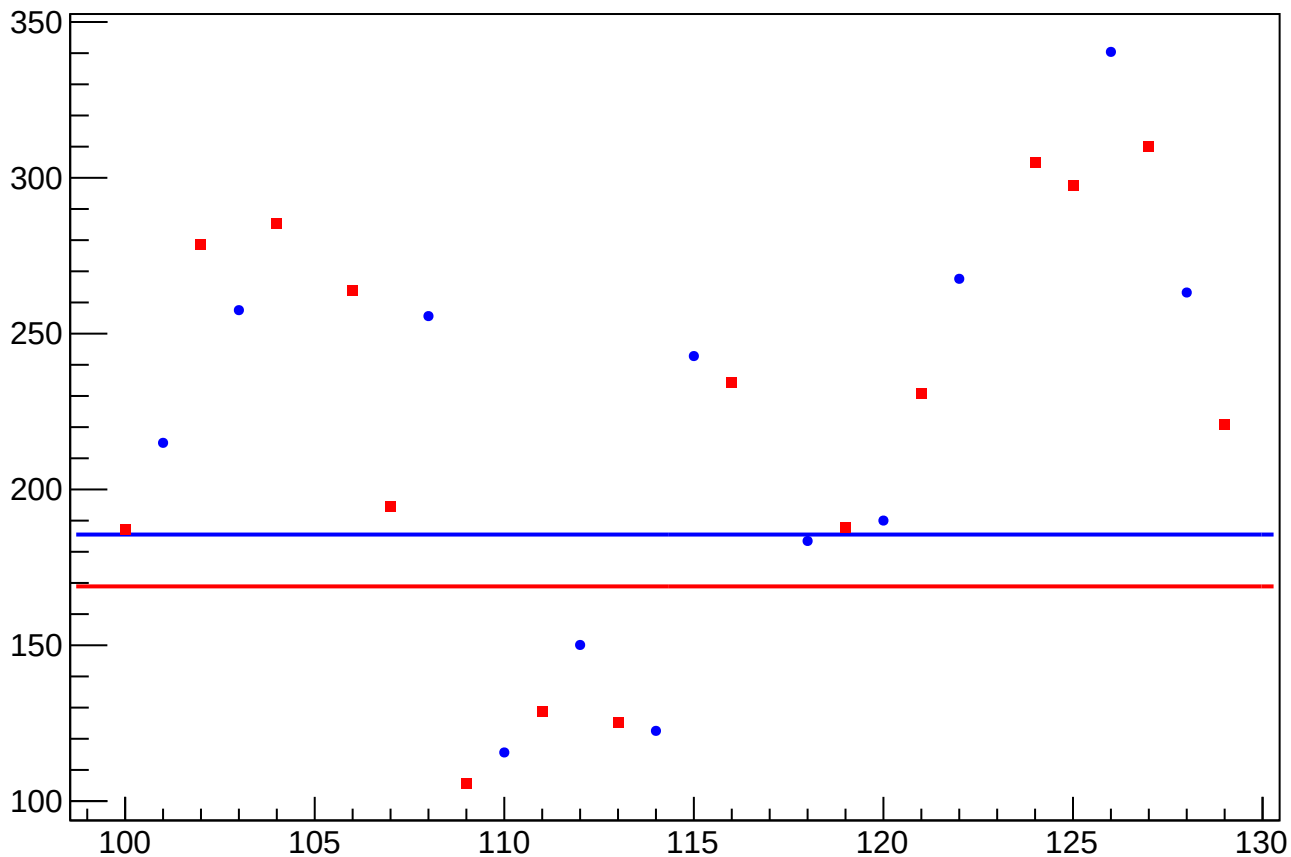
Right: -72.061 $\pm$ 57.767 χ^2 /NDF: 15.6/26

In: -53.622 $\pm$ 88.515 χ^2 /NDF:5.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -72.061 $\pm$ 57.767 χ^2 /NDF: 15.6/26

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 185.532+/-0.063 χ^2/NDF : 886903.0/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

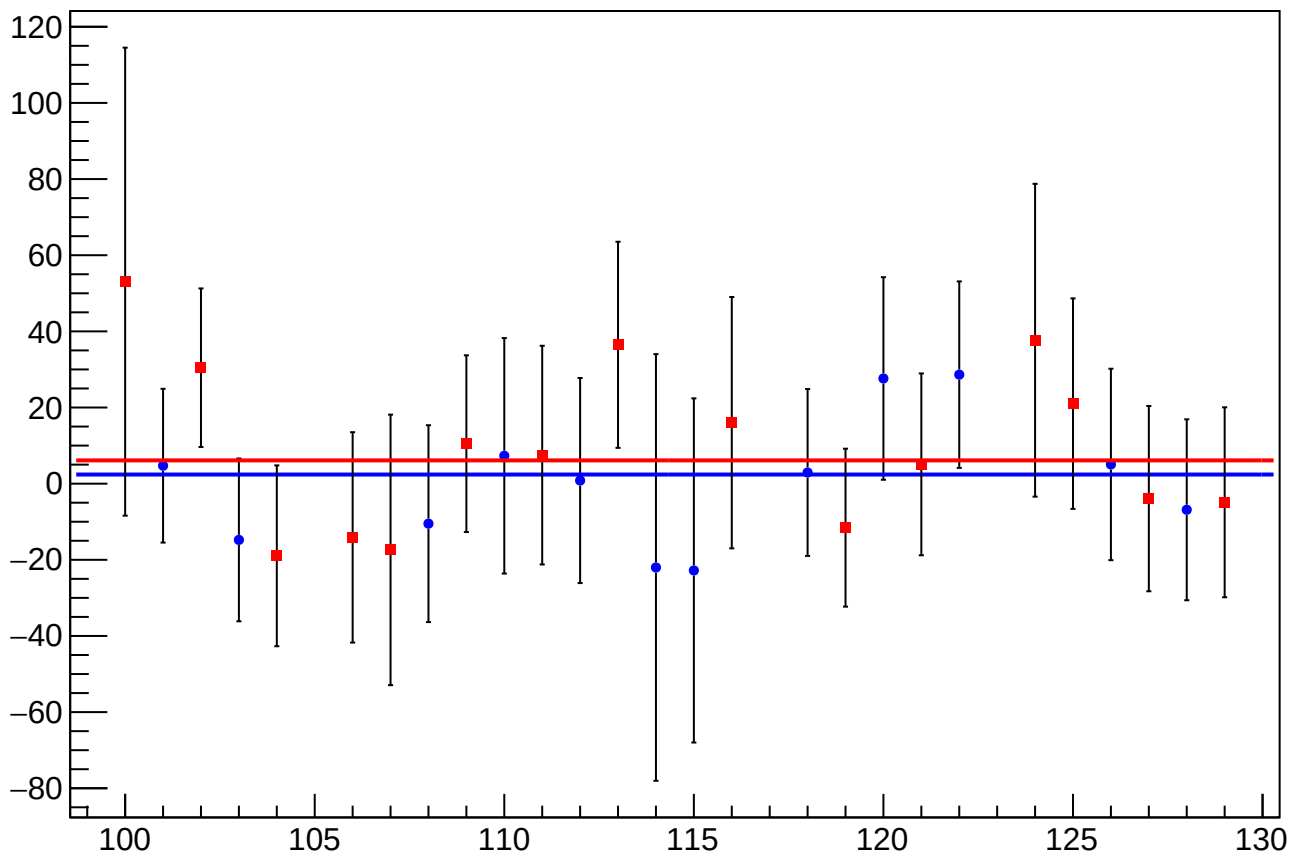
Right: 175.981+/-0.041 χ^2/NDF : 2441534.6/26

In: 185.532+/-0.063 χ^2/NDF :886903.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 175.981+/-0.041 χ^2/NDF : 2441534.6/26

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 2.398+/-7.478 χ^2/NDF : 3.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

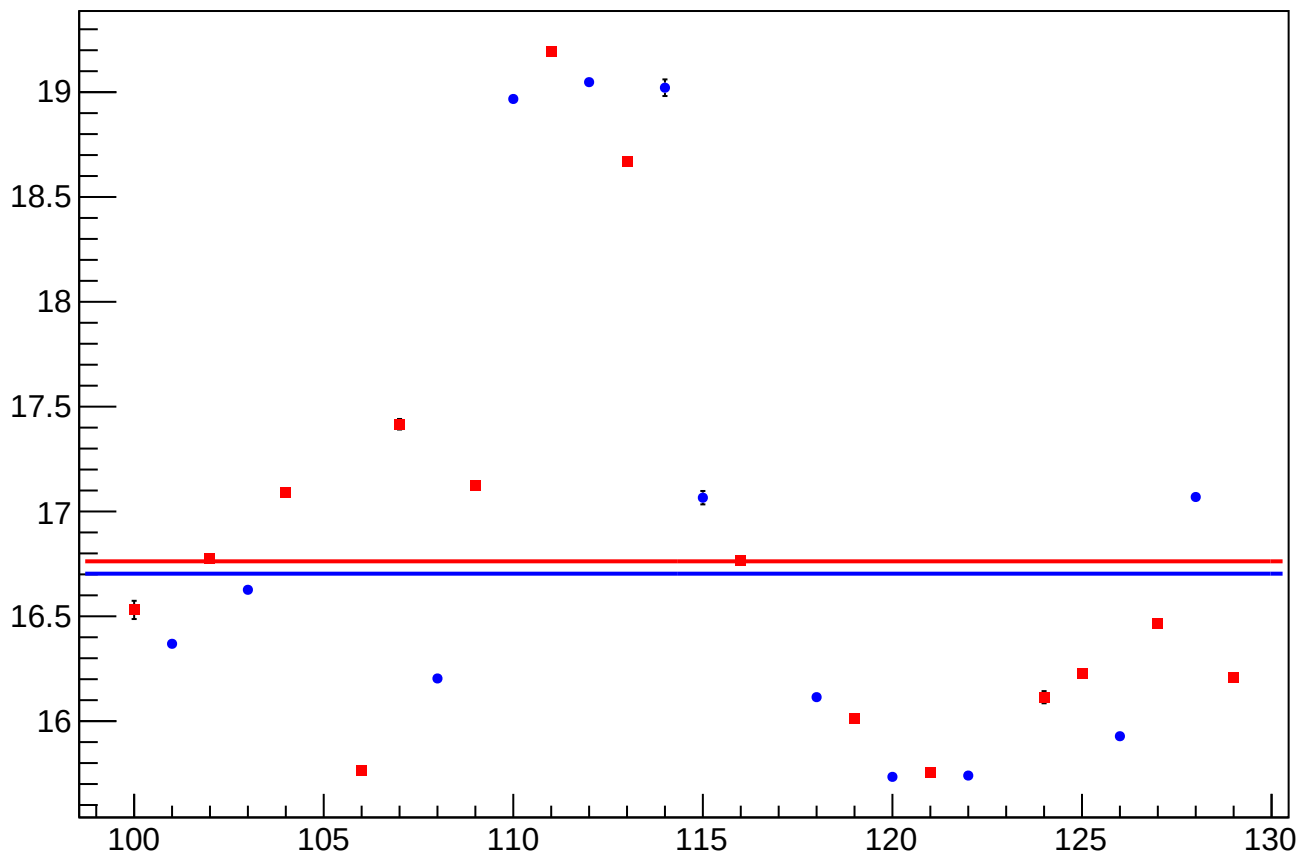
Right: 4.409+/-5.066 χ^2/NDF : 11.2/26

In: 2.398+/-7.478 χ^2/NDF : 3.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.409+/-5.066 χ^2/NDF : 11.2/26

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.703+/-0.005 χ^2/NDF : 40314.8/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 16.762+/-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

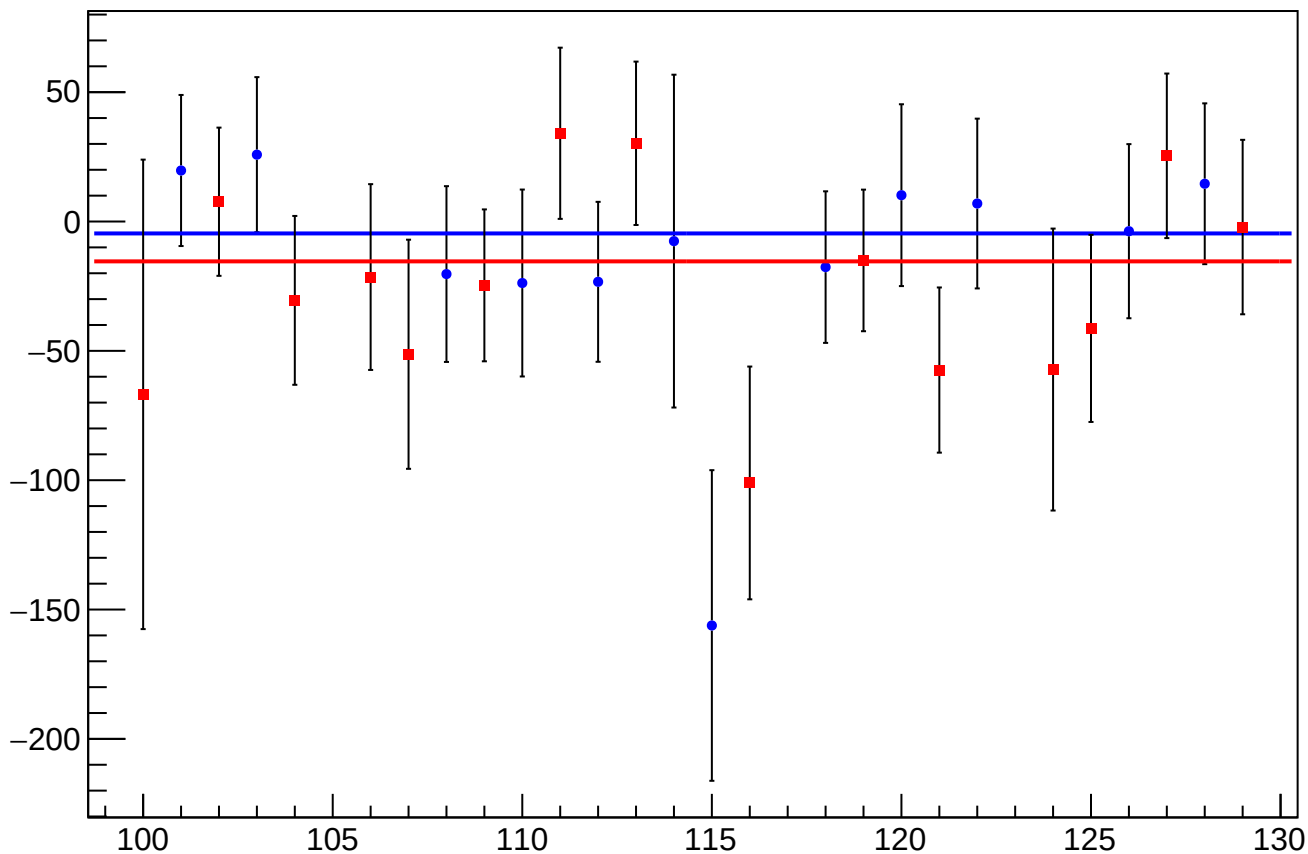
Right: 16.735+/-0.004 χ^2/NDF : 77506.1/26

In: 16.703+/-0.005 χ^2/NDF :40314.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 16.735+/-0.004 χ^2/NDF : 77506.1/26

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.607 ± 9.851 χ^2/NDF : 9.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

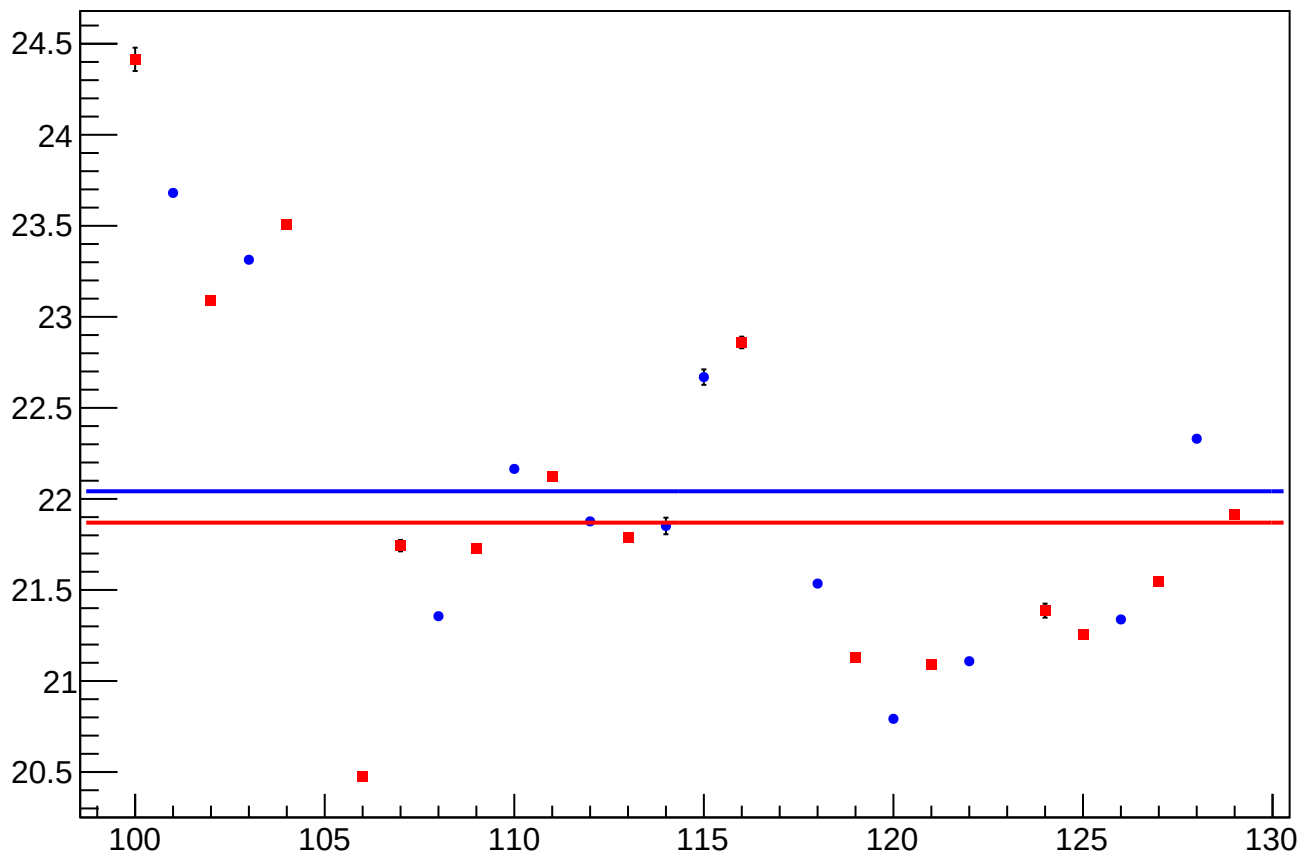
Right: -10.509 ± 6.634 χ^2/NDF : 25.1/26

In: -4.607 ± 9.851 χ^2/NDF : 9.8/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -10.509 ± 6.634 χ^2/NDF : 25.1/26

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.042+/-0.007 χ^2/NDF : 16823.1/11

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

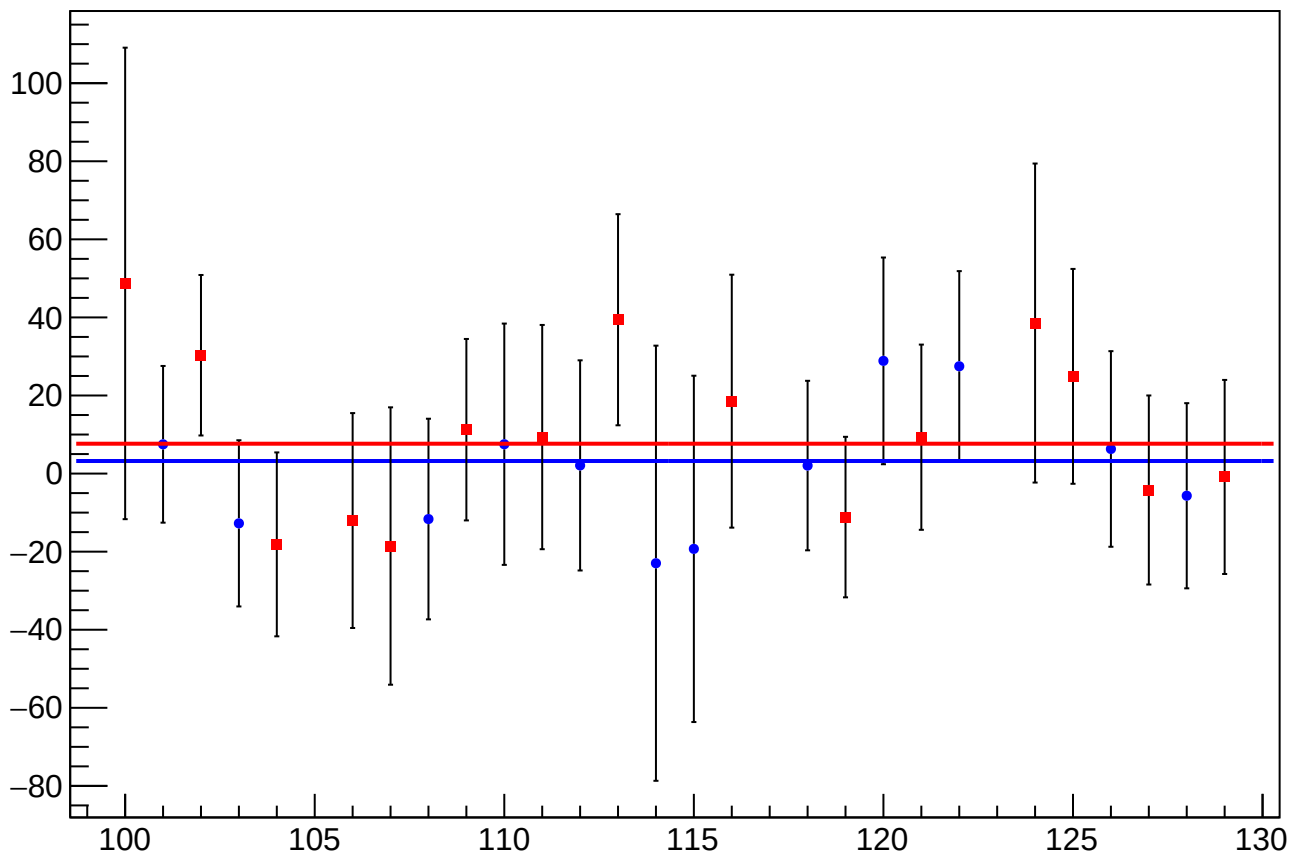
Right: 21.948+/-0.005 χ^2/NDF : 35182.9/26

In: 22.042+/-0.007 χ^2/NDF : 16823.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.948+/-0.005 χ^2/NDF : 35182.9/26

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 3.220+/-7.440 χ^2/NDF : 3.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

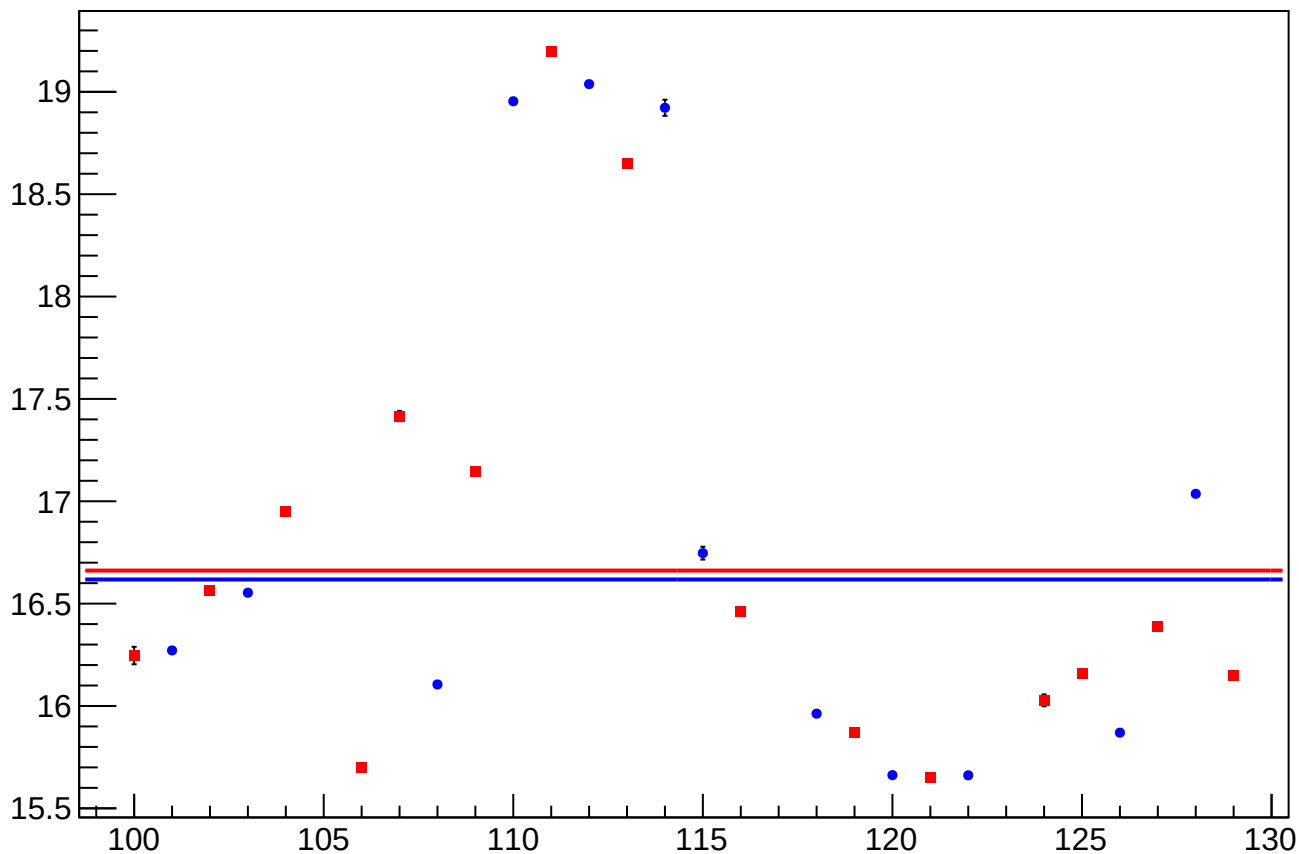
Right: 5.618+/-5.038 χ^2/NDF : 11.3/26

In: 3.220+/-7.440 χ^2/NDF : 3.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.618+/-5.038 χ^2/NDF : 11.3/26

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.618+/-0.005 χ^2/NDF : 42355.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.661+/-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

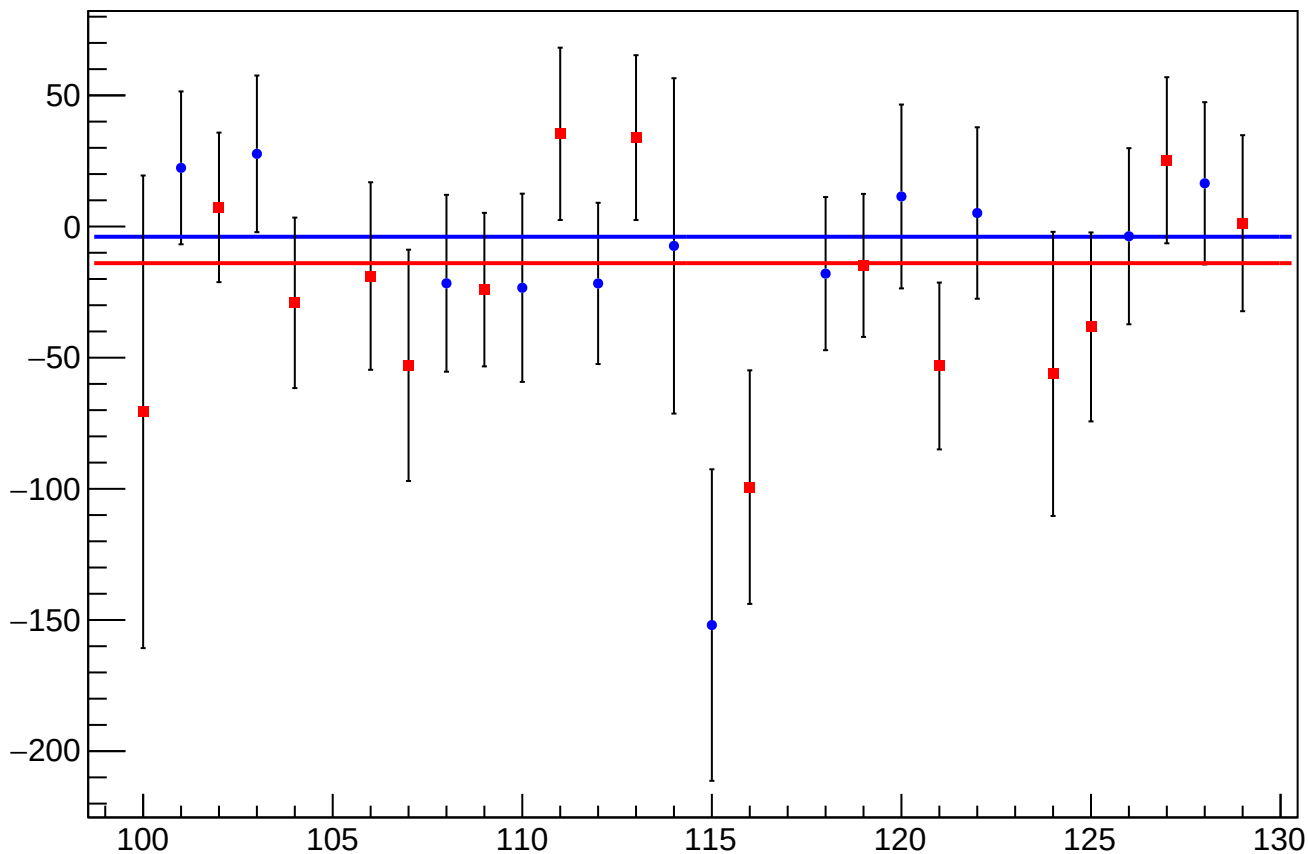
Right: 16.642+/-0.004 χ^2/NDF : 82353.7/26

In: 16.618+/-0.005 χ^2/NDF : 42355.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.642+/-0.004 χ^2/NDF : 82353.7/26

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -3.900+/-9.806 χ^2 /NDF: 10.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -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

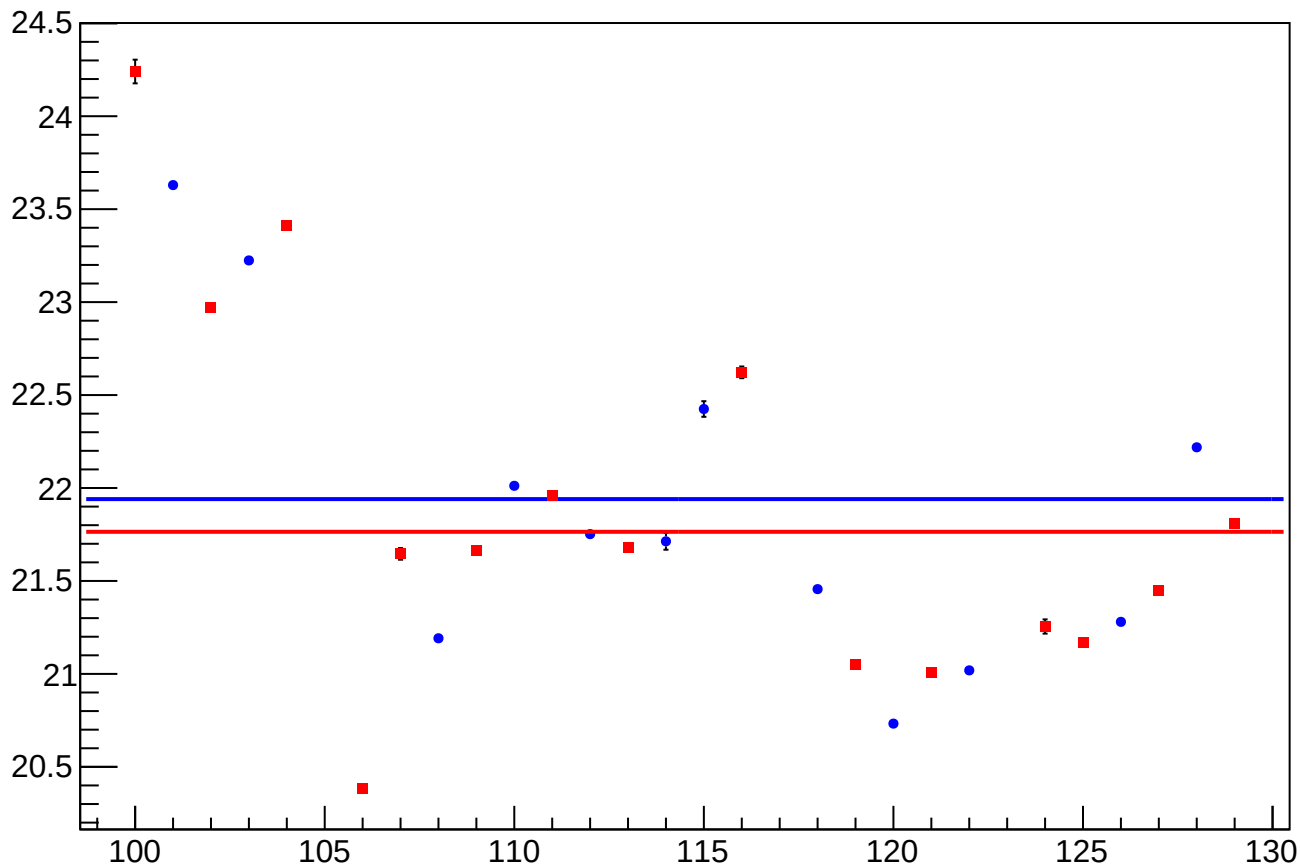
Right: -9.405+/-6.602 χ^2 /NDF: 25.2/26

In: -3.900+/-9.806 χ^2 /NDF:10.0/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -9.405+/-6.602 χ^2 /NDF: 25.2/26

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 21.940+/-0.007 χ^2/NDF : 17099.3/11

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

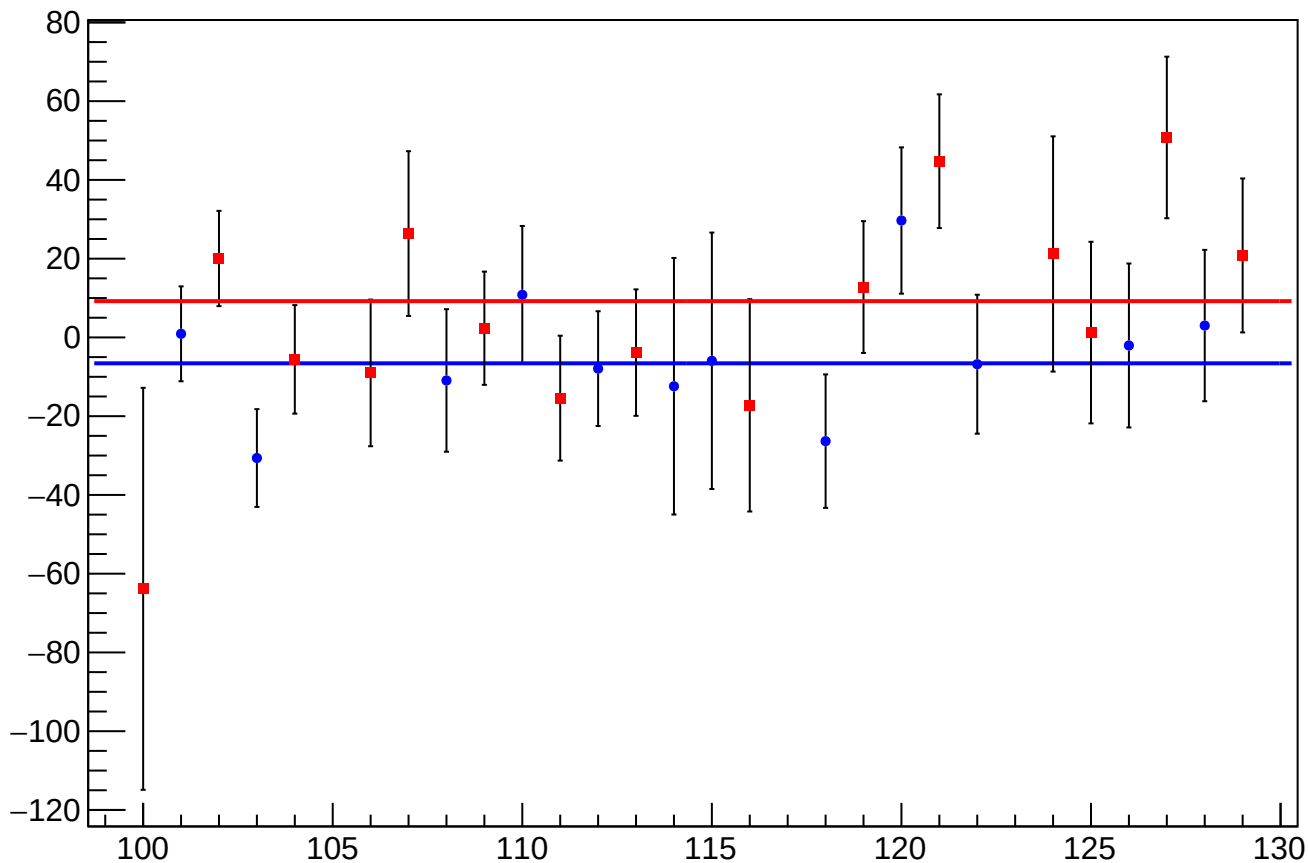
Right: 21.844+/-0.005 χ^2/NDF : 34980.0/26

In: 21.940+/-0.007 χ^2/NDF : 17099.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.844+/-0.005 χ^2/NDF : 34980.0/26

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -6.578+/-4.945 χ^2/NDF : 10.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

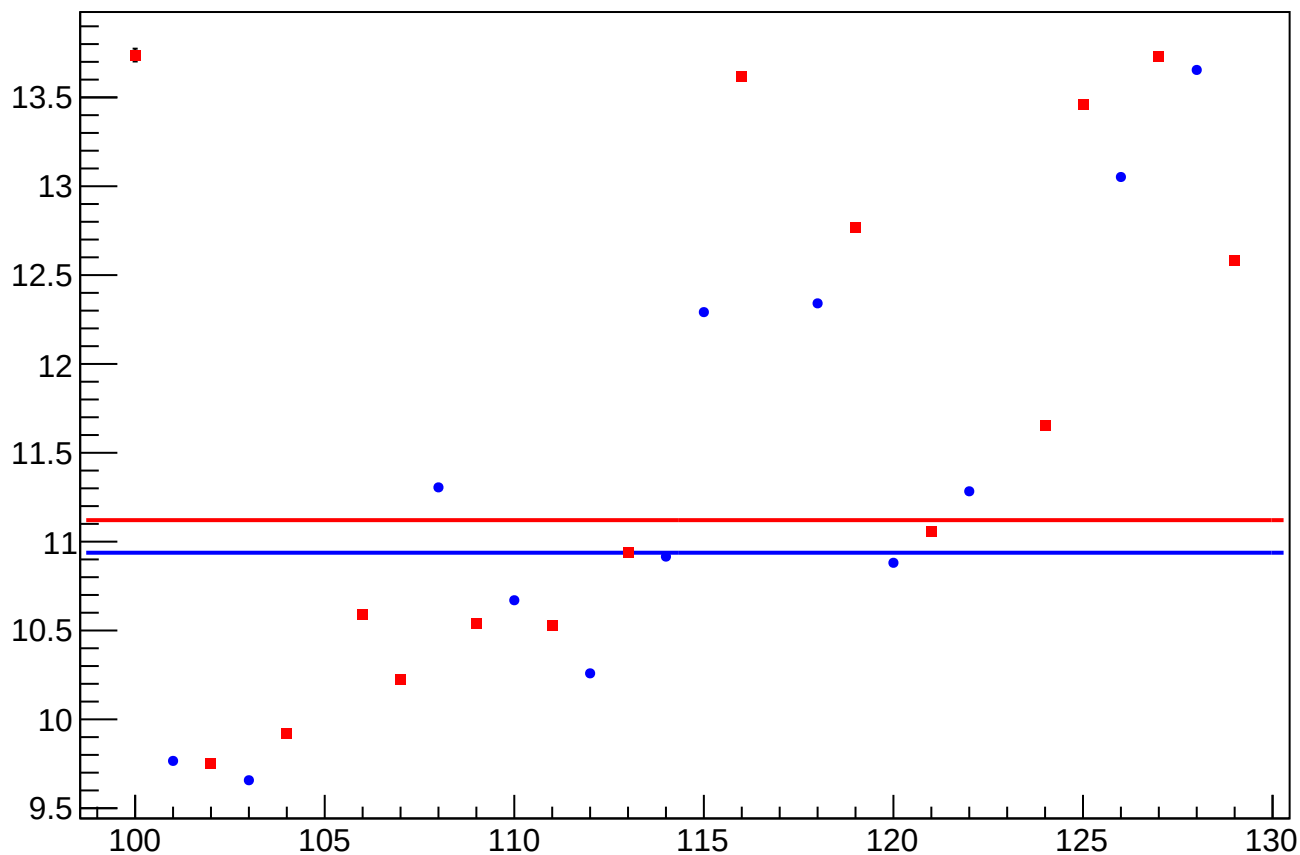
Right: 1.845+/-3.378 χ^2/NDF : 35.2/26

In: -6.578+/-4.945 χ^2/NDF : 10.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.845+/-3.378 χ^2/NDF : 35.2/26

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.938+/-0.003 χ^2/NDF : 124350.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.121+/-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

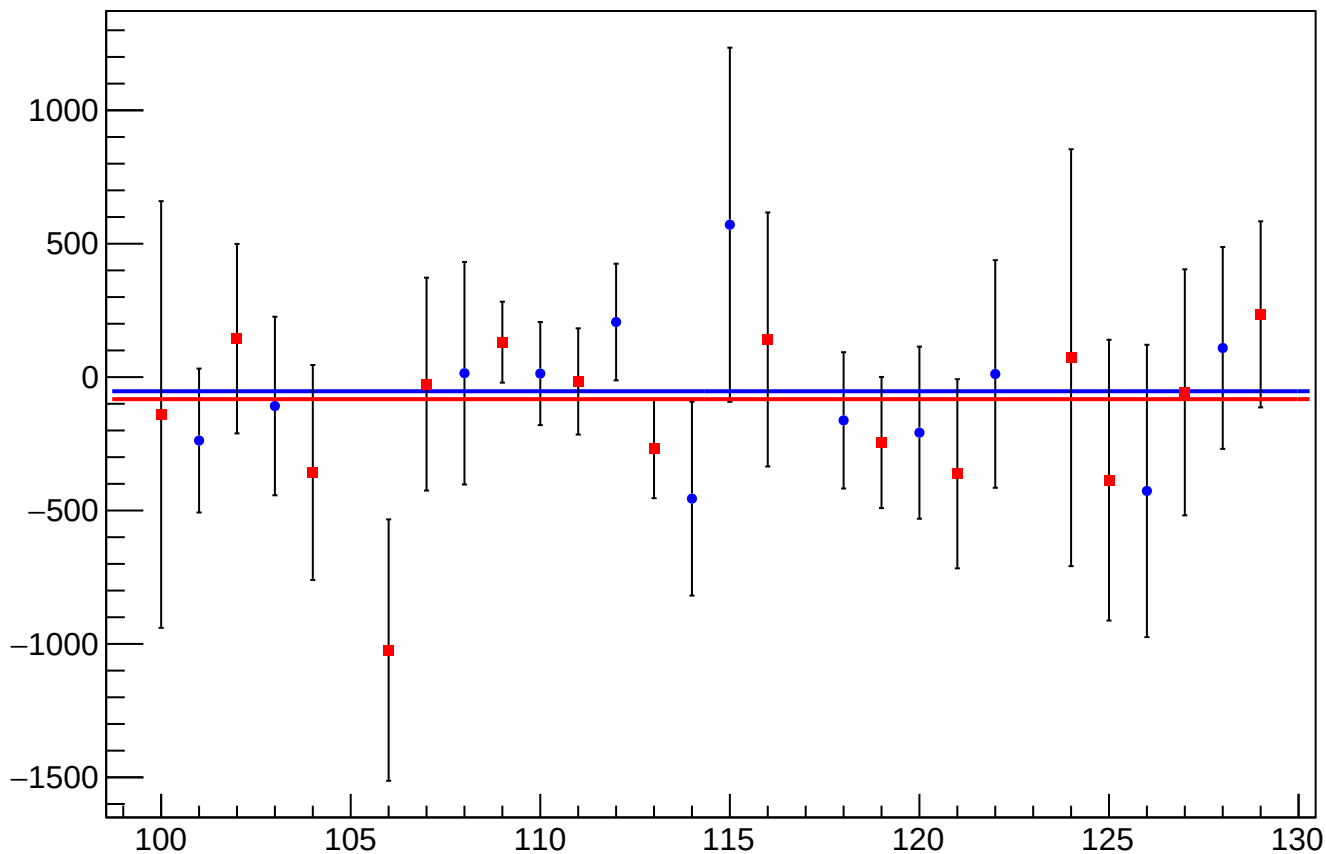
Right: 11.035+/-0.002 χ^2/NDF : 284739.6/26

In: 10.938+/-0.003 χ^2/NDF : 124350.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.035+/-0.002 χ^2/NDF : 284739.6/26

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: -52.905+/-88.823 χ^2/NDF : 5.2/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -82.548+/-76.518 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

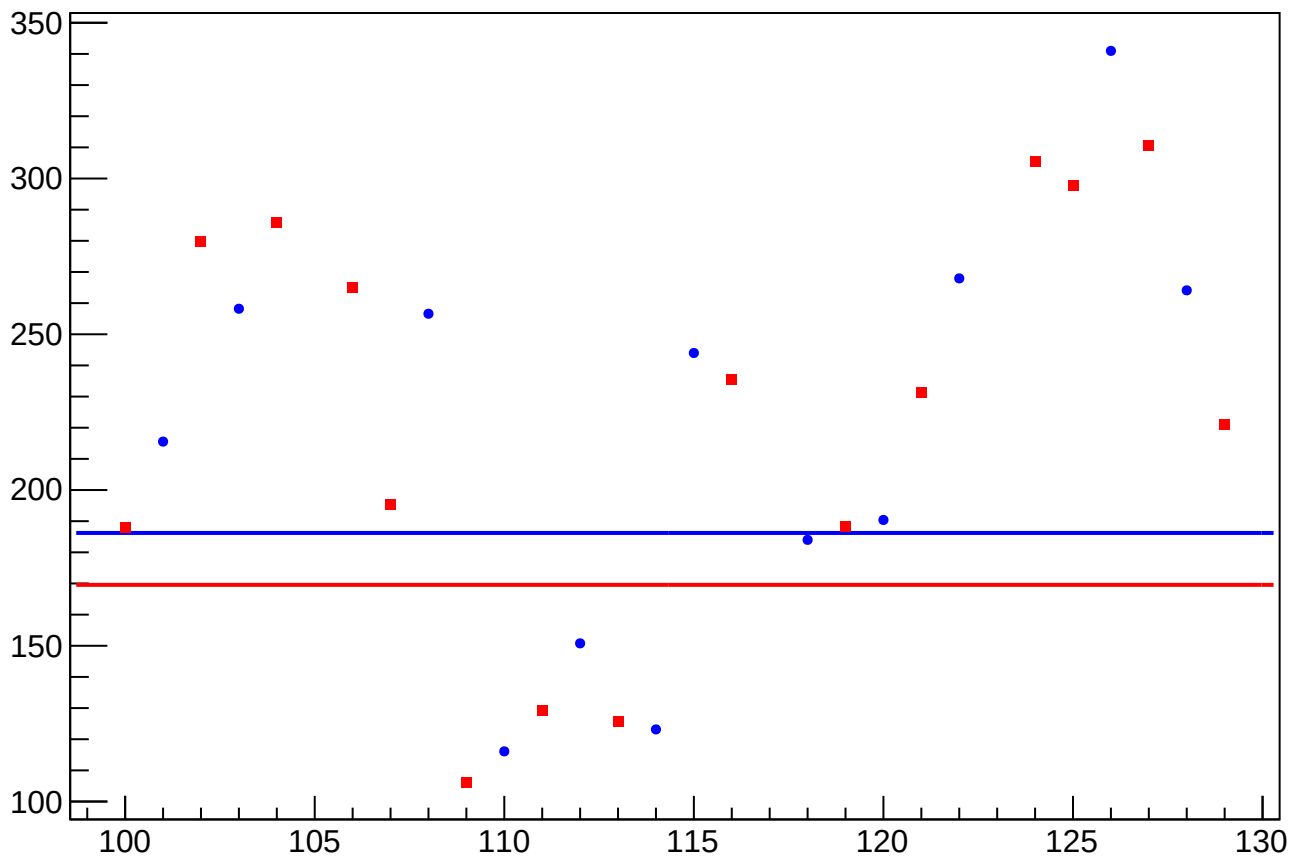
Right: -69.921+/-57.973 χ^2/NDF : 15.5/26

In: -52.905+/-88.823 χ^2/NDF :5.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -69.921+/-57.973 χ^2/NDF : 15.5/26

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 186.220+/-0.063 χ^2/NDF : 882841.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

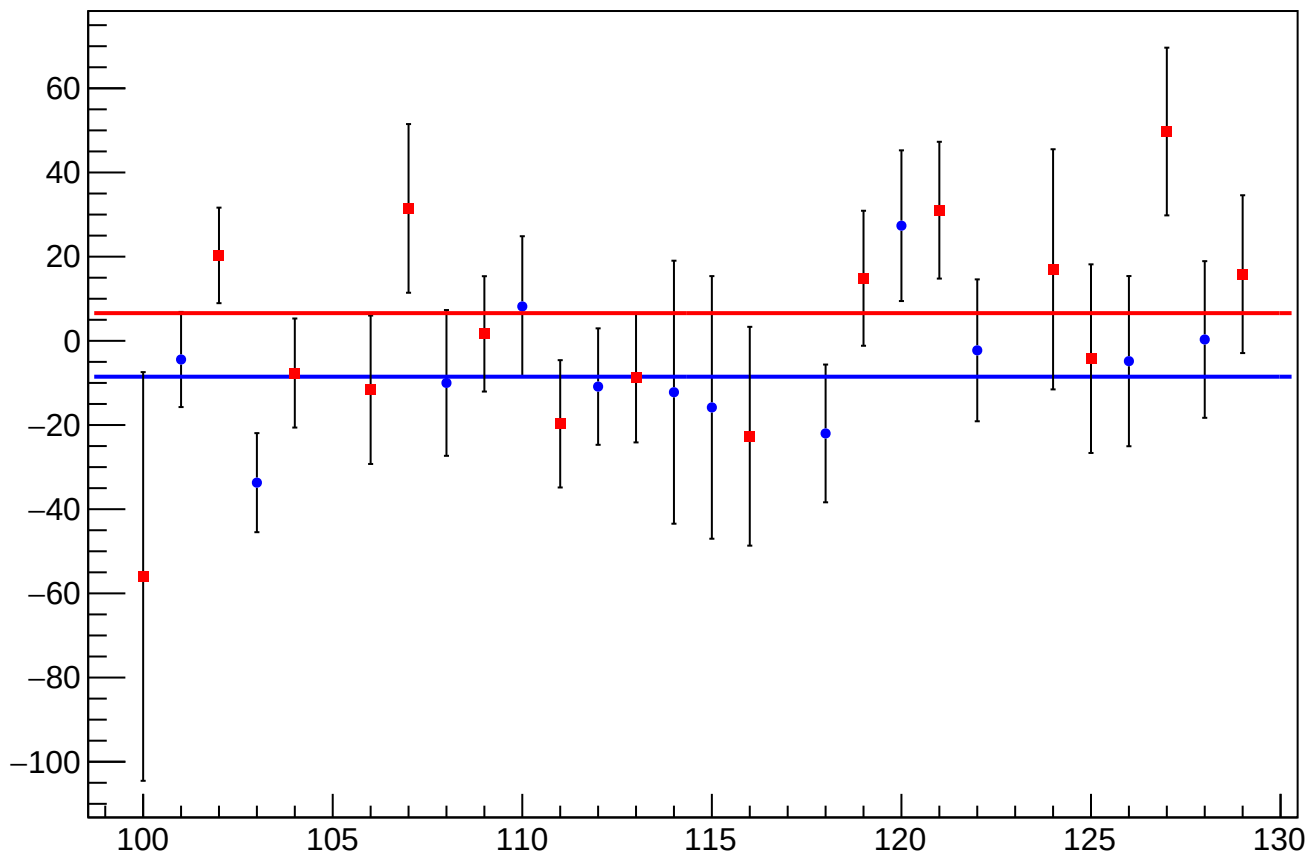
Right: 176.657+/-0.041 χ^2/NDF : 2430745.9/26

In: 186.220+/-0.063 χ^2/NDF : 882841.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 176.657+/-0.041 χ^2/NDF : 2430745.9/26

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -8.520+/-4.716 χ^2/NDF : 10.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.582+/-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

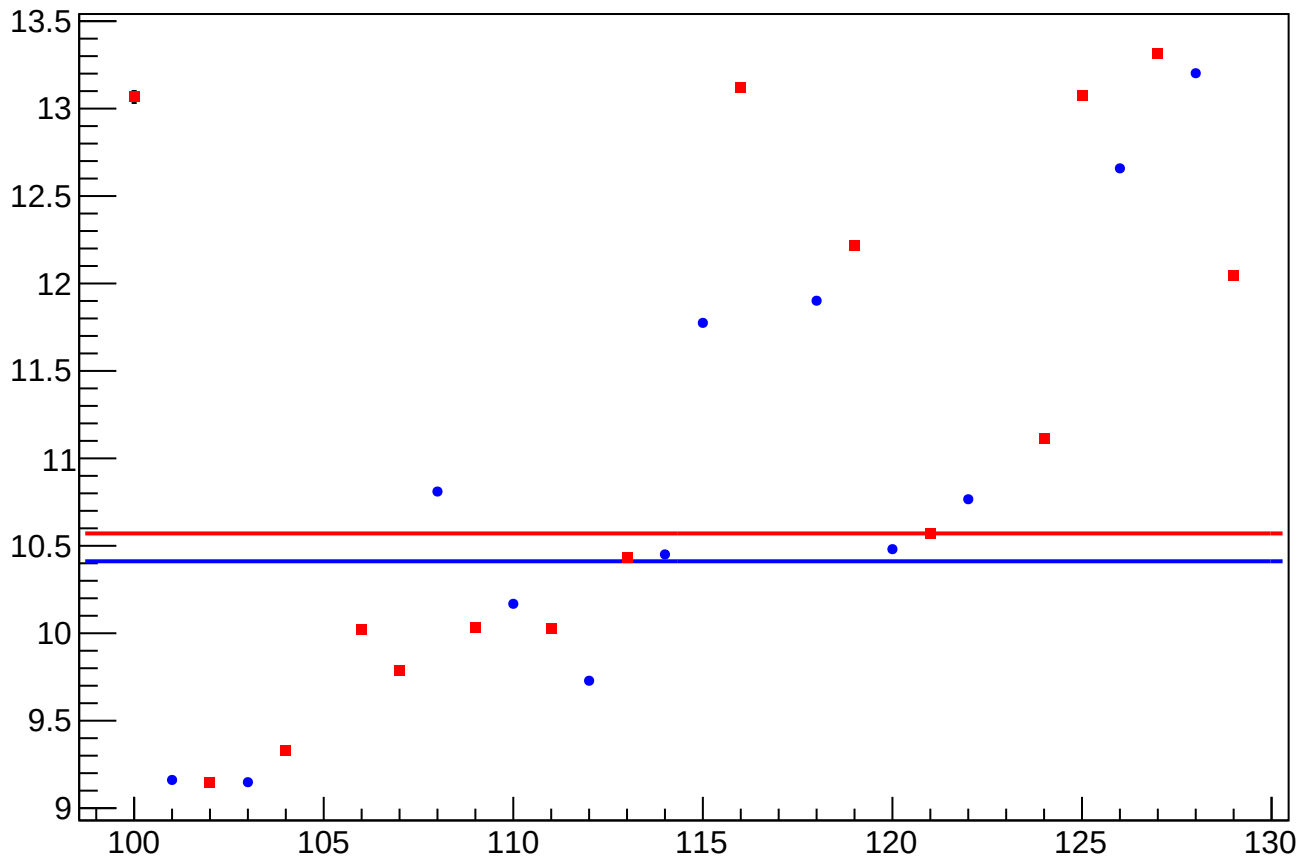
Right: -0.455+/-3.219 χ^2/NDF : 36.6/26

In: -8.520+/-4.716 χ^2/NDF : 10.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.455+/-3.219 χ^2/NDF : 36.6/26

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.412+/-0.003 χ^2/NDF : 144870.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.571+/-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

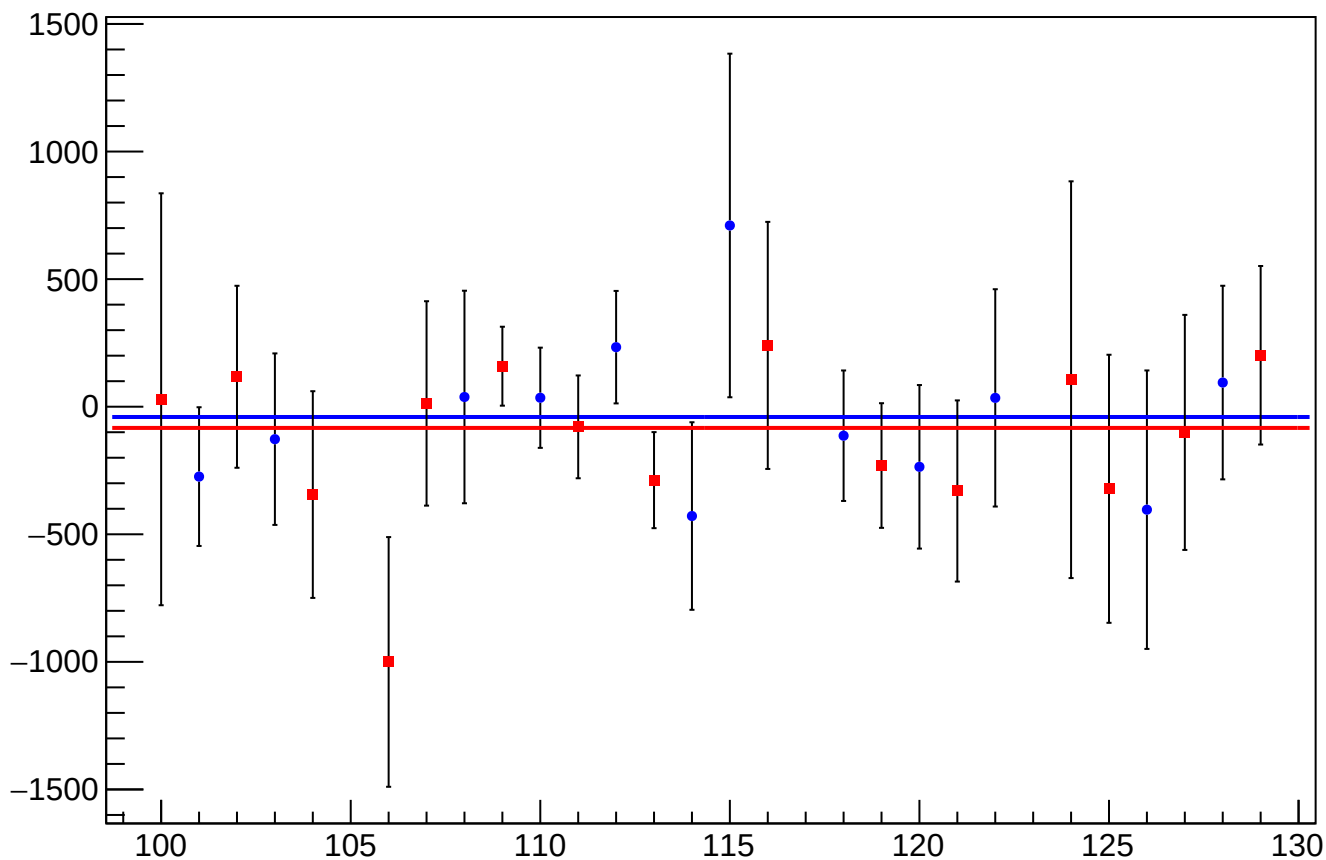
Right: 10.497+/-0.002 χ^2/NDF : 328410.6/26

In: 10.412+/-0.003 χ^2/NDF : 144870.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.497+/-0.002 χ^2/NDF : 328410.6/26

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -40.316 ± 89.394 χ^2/NDF : 5.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

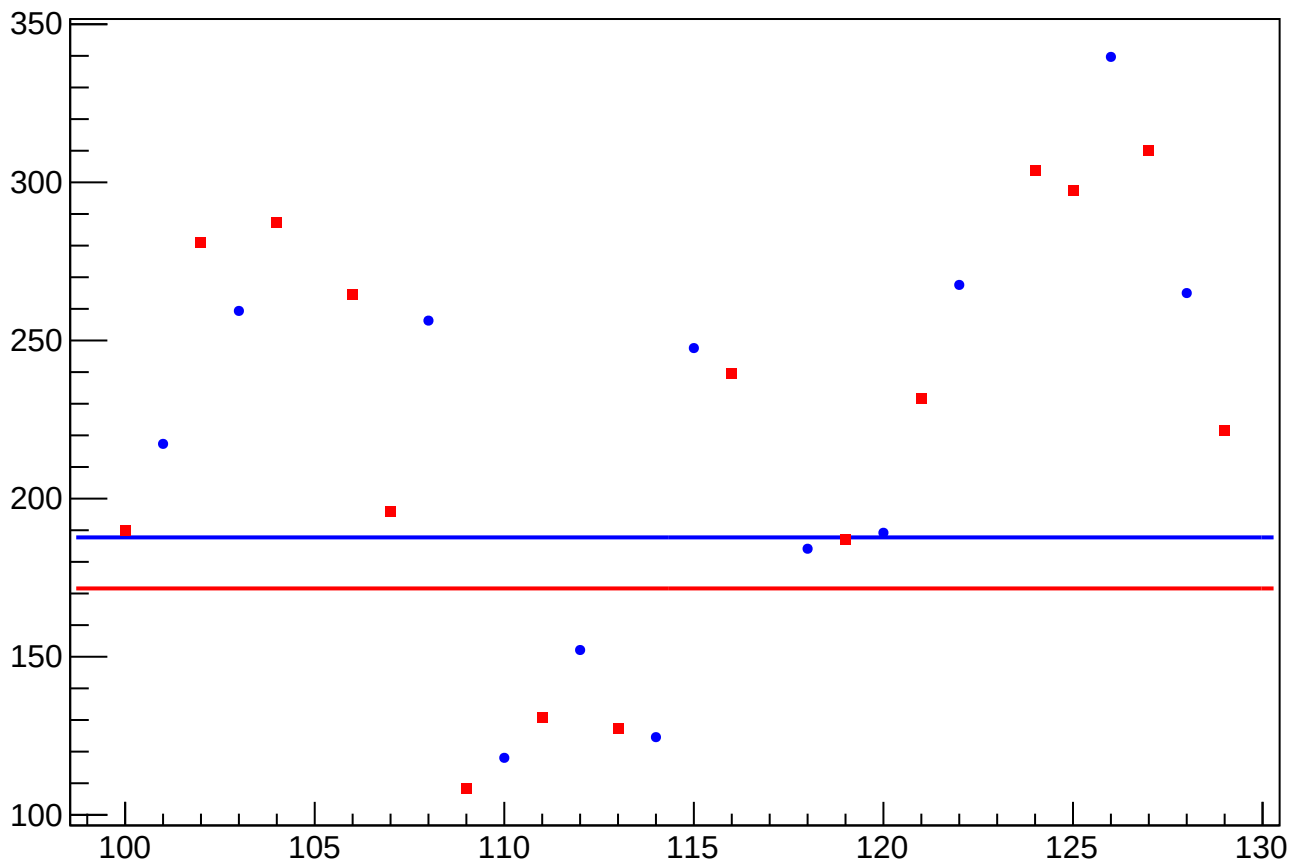
Right: -64.840 ± 58.438 χ^2/NDF : 16.2/26

In: -40.316 ± 89.394 χ^2/NDF : 5.9/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -64.840 ± 58.438 χ^2/NDF : 16.2/26

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 187.738+/-0.063 χ^2/NDF : 856469.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

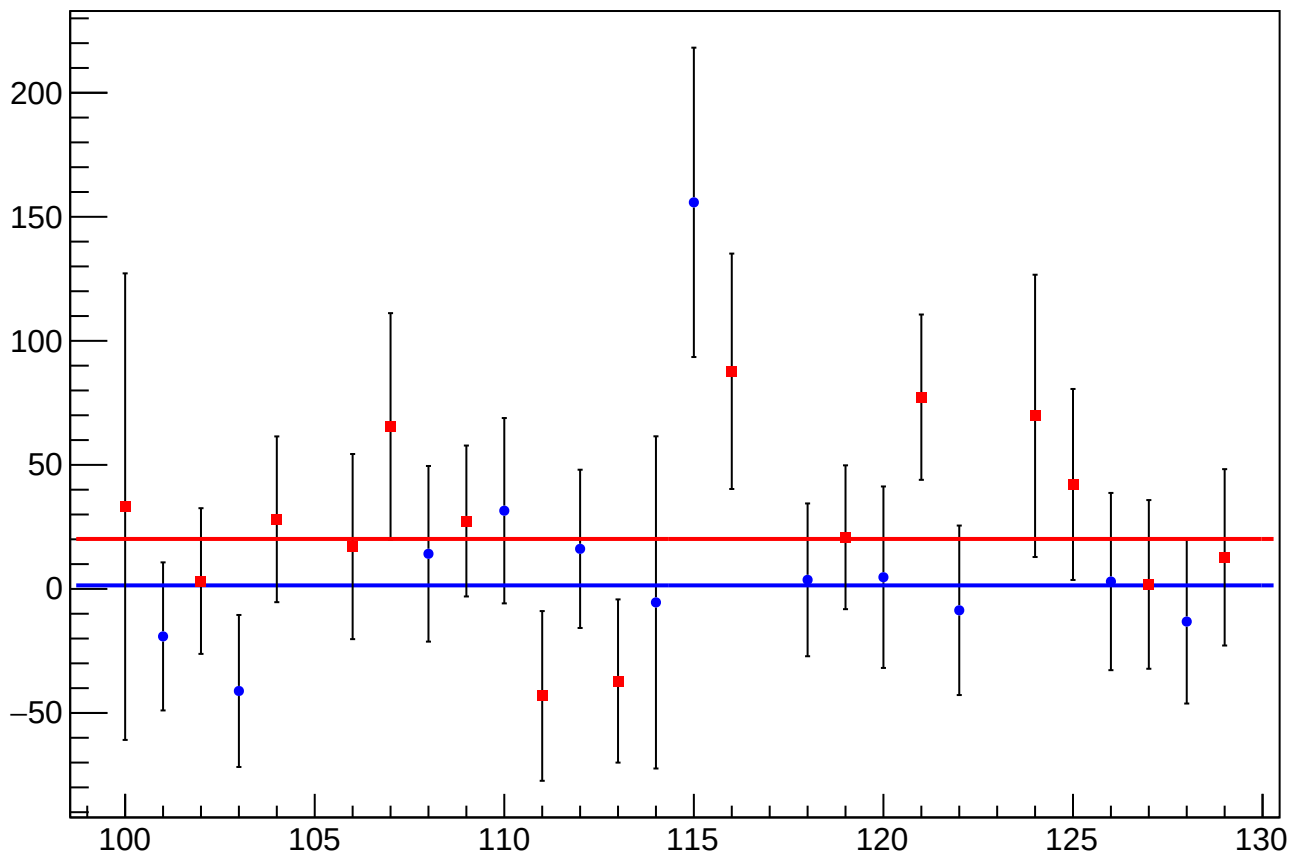
Right: 178.496+/-0.041 χ^2/NDF : 2352936.0/26

In: 187.738+/-0.063 χ^2/NDF : 856469.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.496+/-0.041 χ^2/NDF : 2352936.0/26

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 1.427+/-10.246 χ^2/NDF : 9.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.144+/-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

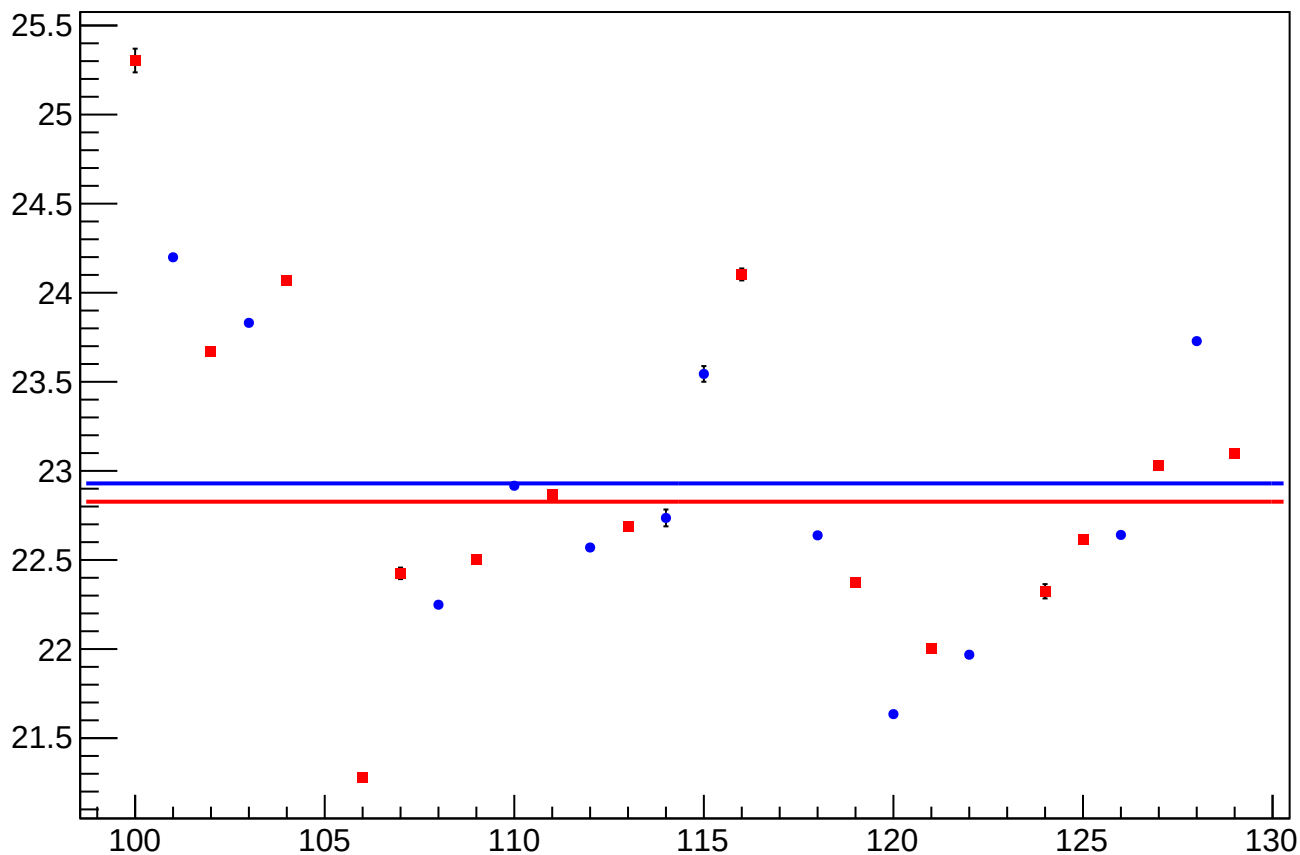
Right: 11.625+/-6.913 χ^2/NDF : 26.0/26

In: 1.427+/-10.246 χ^2/NDF : 9.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.625+/-6.913 χ^2/NDF : 26.0/26

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.930+/-0.007 χ^2/NDF : 12125.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.827+/-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

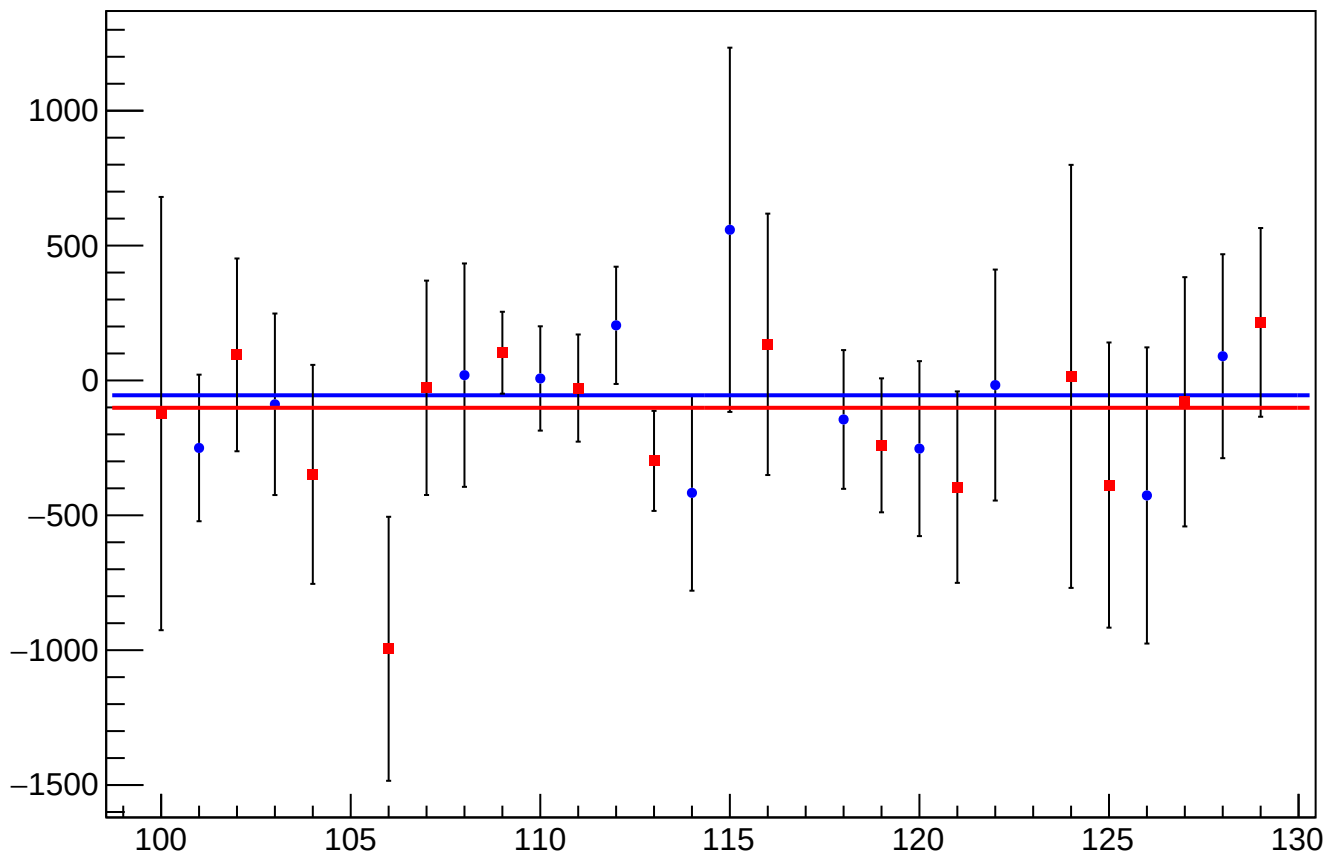
Right: 22.874+/-0.005 χ^2/NDF : 25435.9/26

In: 22.930+/-0.007 χ^2/NDF : 12125.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.874+/-0.005 χ^2/NDF : 25435.9/26

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -55.001 ± 88.981 $\chi^2/\text{NDF}: 5.0/11$

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 $\chi^2/\text{NDF}: 0.0/0$

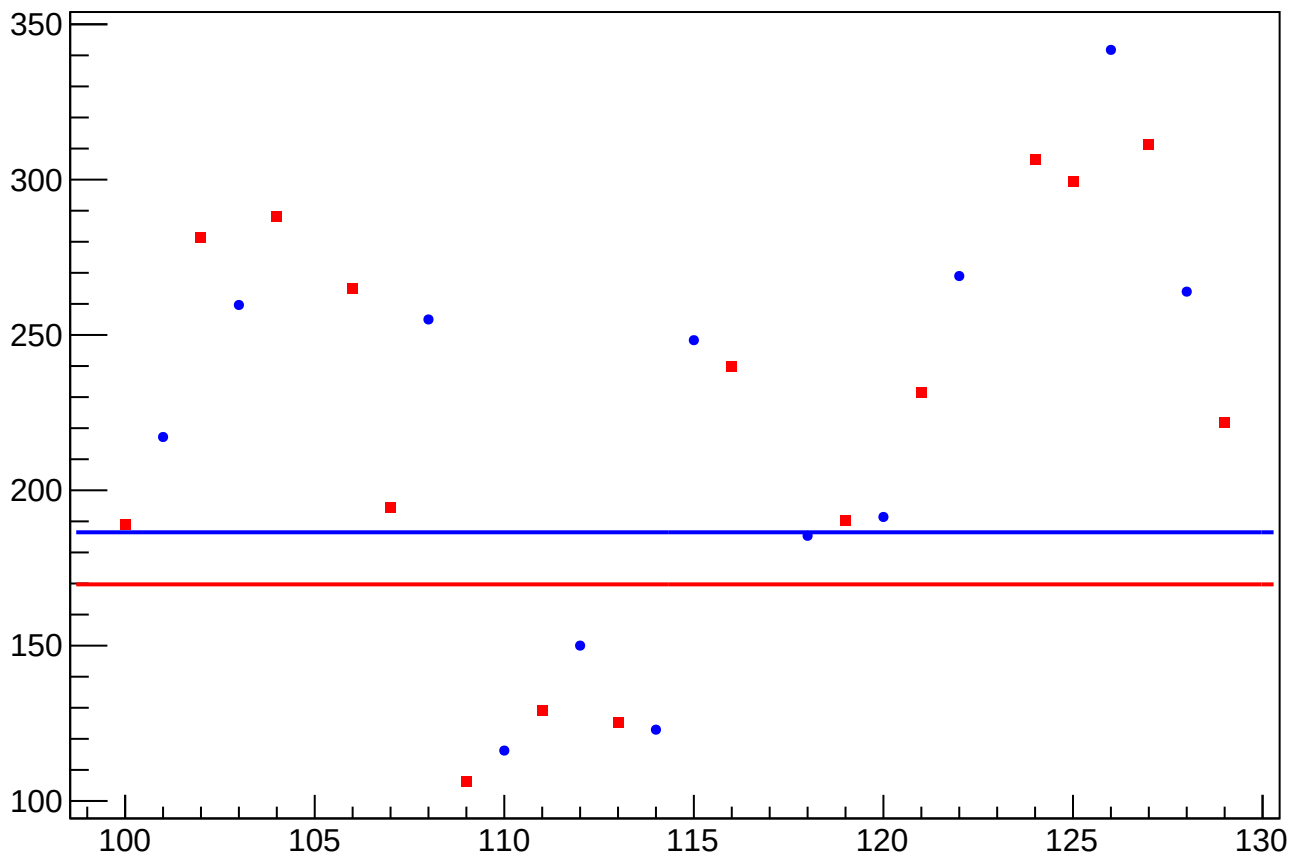
Right: -81.654 ± 58.072 $\chi^2/\text{NDF}: 14.7/26$

In: -55.001 ± 88.981 $\chi^2/\text{NDF}: 5.0/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -81.654 ± 58.072 $\chi^2/\text{NDF}: 14.7/26$

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 186.484+/-0.063 χ^2/NDF : 891924.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

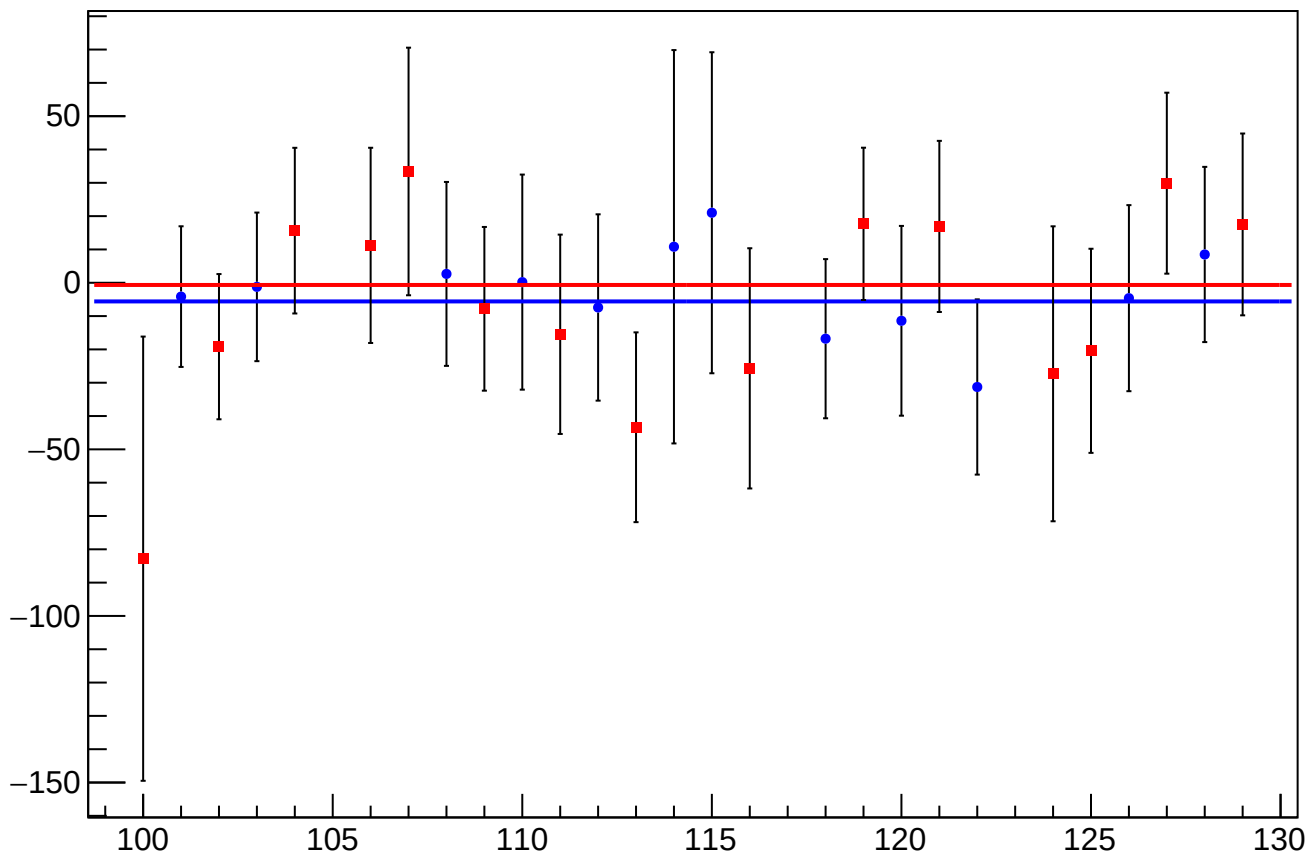
Right: 176.862+/-0.041 χ^2/NDF : 2459486.9/26

In: 186.484+/-0.063 χ^2/NDF : 891924.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 176.862+/-0.041 χ^2/NDF : 2459486.9/26

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -5.599+/-7.985 χ^2/NDF : 2.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.659+/-7.388 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

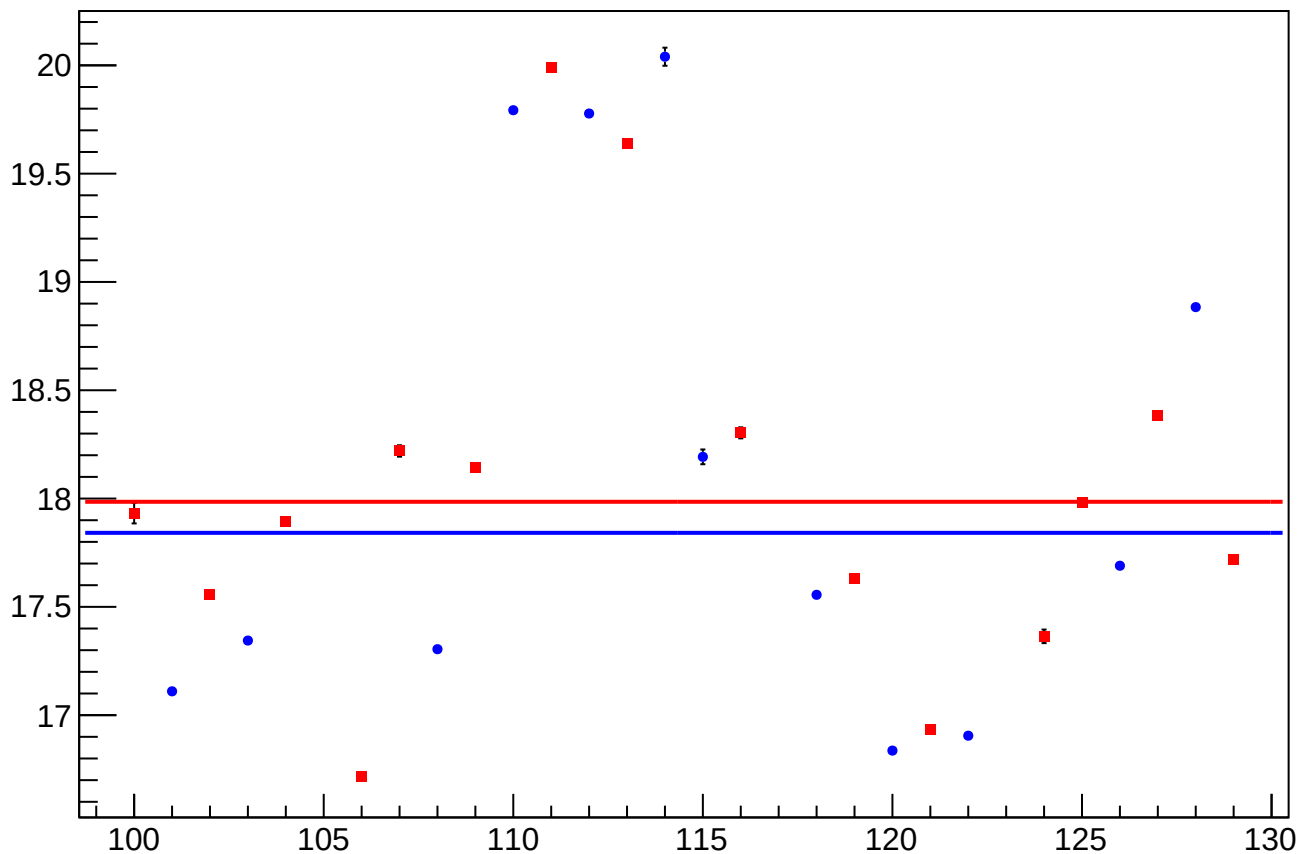
Right: -2.938+/-5.423 χ^2/NDF : 12.6/26

In: -5.599+/-7.985 χ^2/NDF : 2.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.938+/-5.423 χ^2/NDF : 12.6/26

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.842+/-0.006 χ^2/NDF : 32440.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

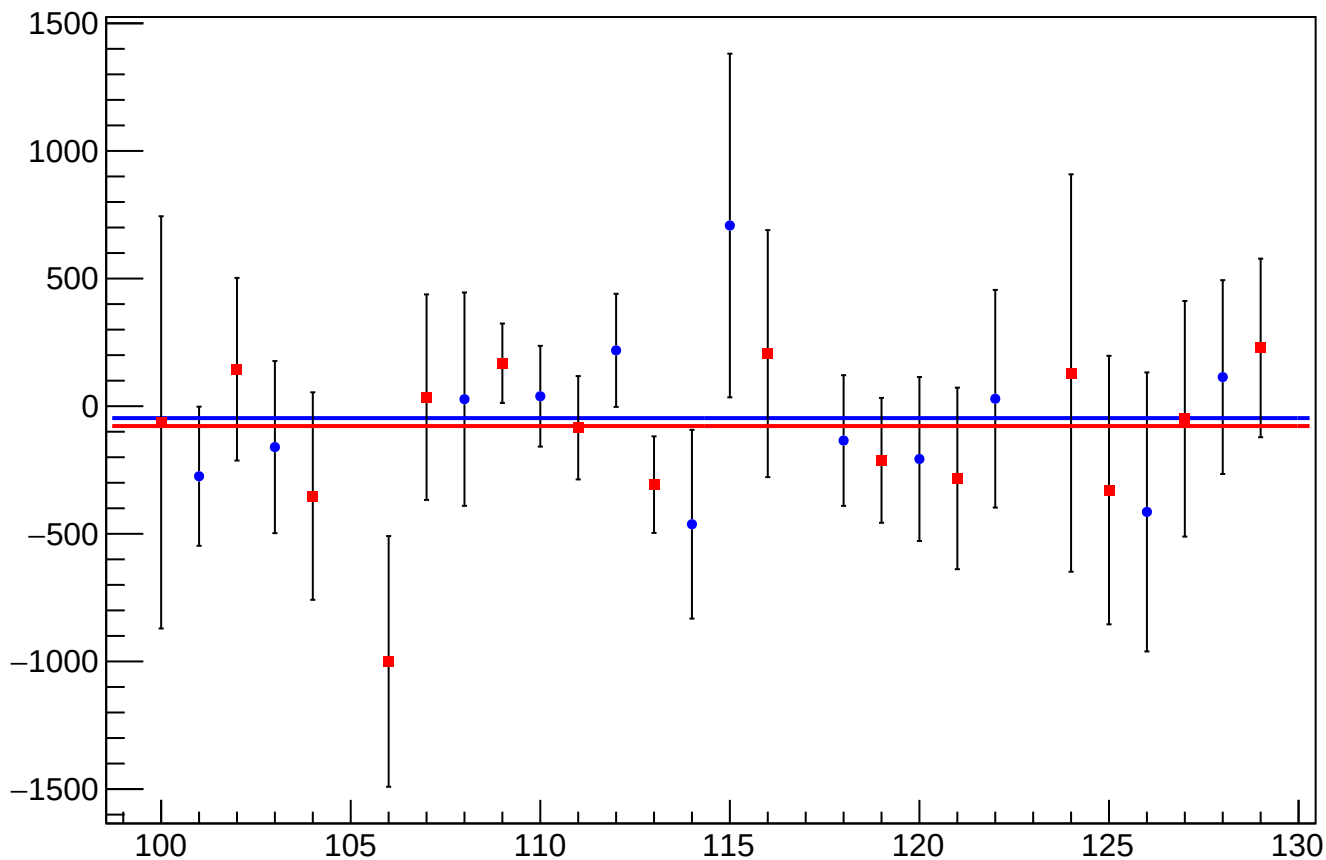
Right: 17.919+/-0.004 χ^2/NDF : 58214.6/26

In: 17.842+/-0.006 χ^2/NDF : 32440.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.919+/-0.004 χ^2/NDF : 58214.6/26

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -46.676 $\pm$ 89.696 χ^2 /NDF: 6.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -77.852 $\pm$ 77.519 χ^2 /NDF: 10.5/14

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

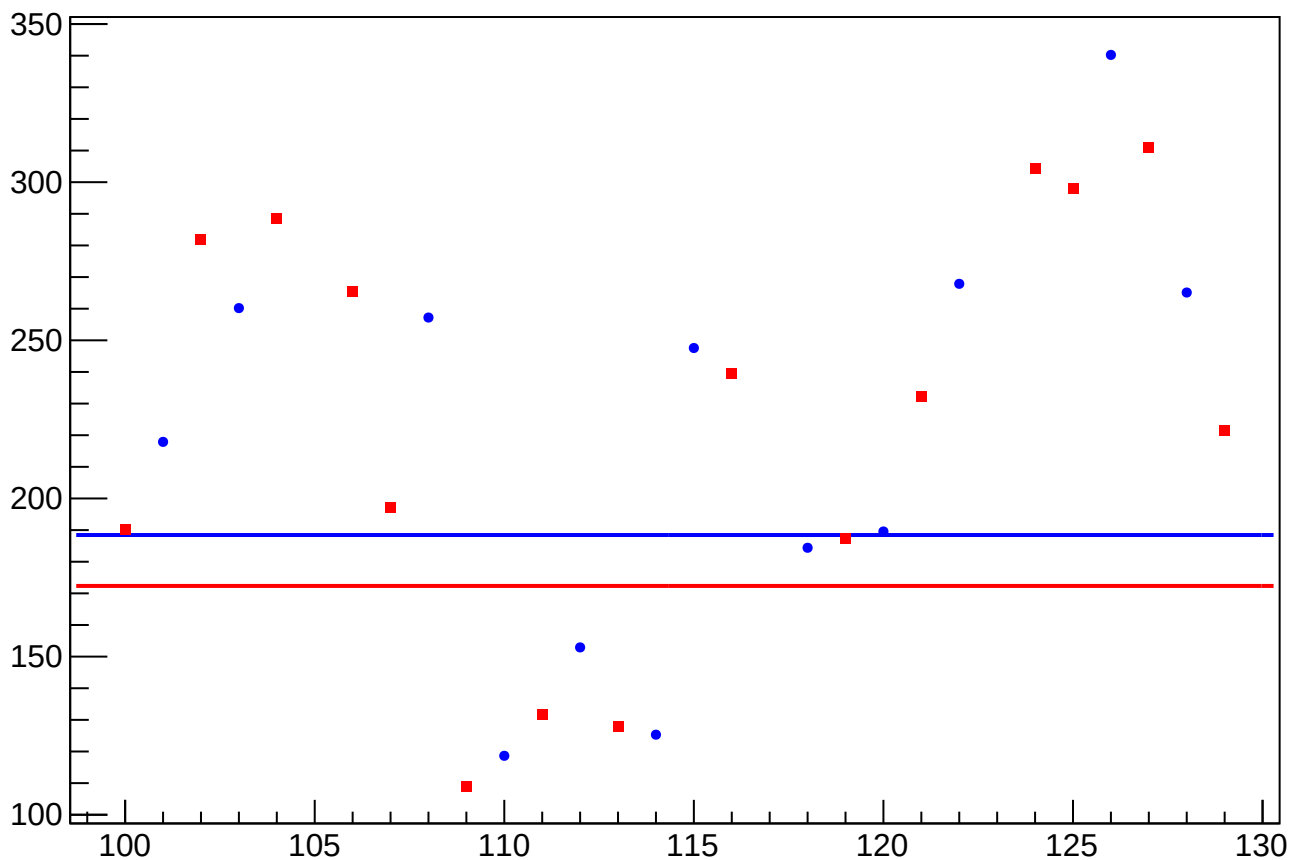
Right: -64.522 $\pm$ 58.651 χ^2 /NDF: 16.6/26

In: -46.676 $\pm$ 89.696 χ^2 /NDF:6.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -64.522 $\pm$ 58.651 χ^2 /NDF: 16.6/26

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 188.445+/-0.063 χ^2/NDF : 849148.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

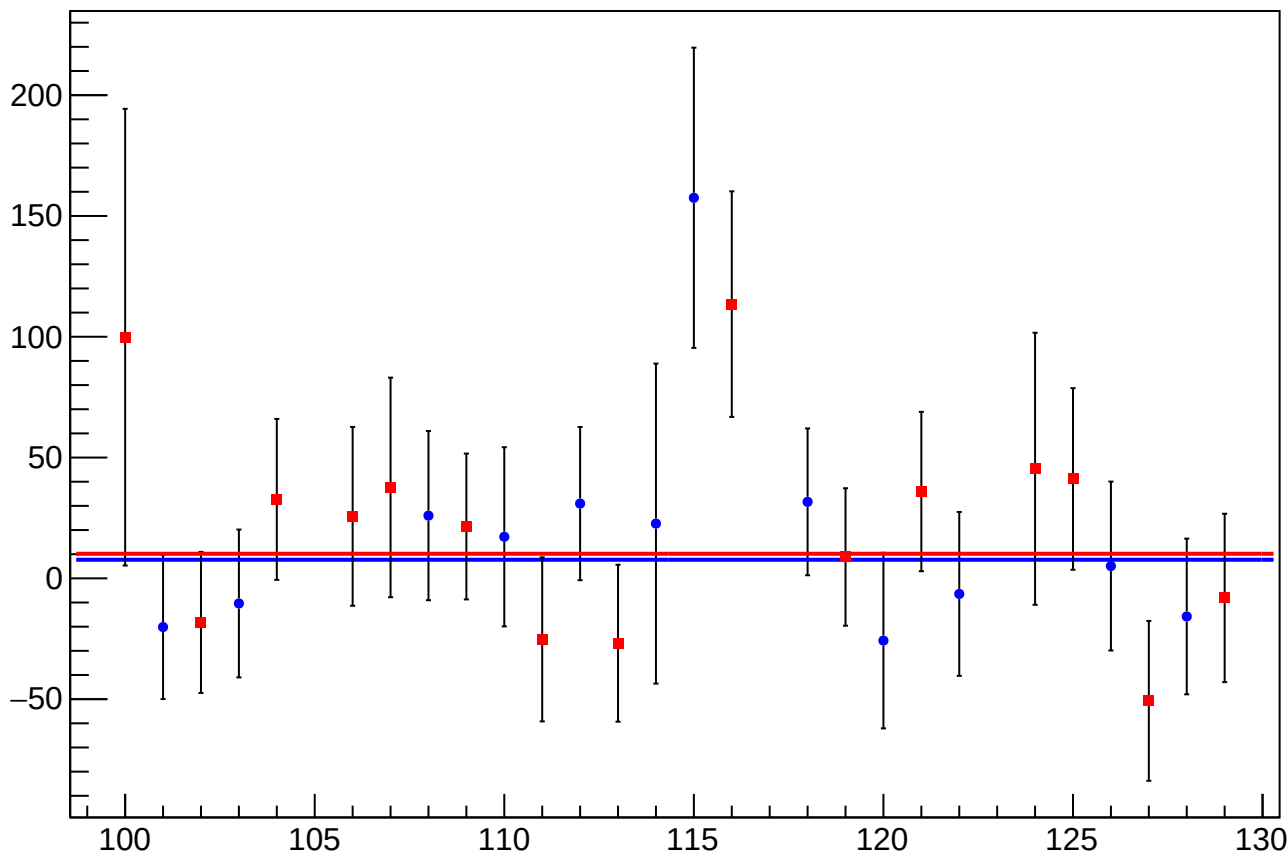
Right: 179.229+/-0.041 χ^2/NDF : 2334551.0/26

In: 188.445+/-0.063 χ^2/NDF : 849148.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.229+/-0.041 χ^2/NDF : 2334551.0/26

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 7.703+/-10.148 χ^2/NDF : 10.1/11

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

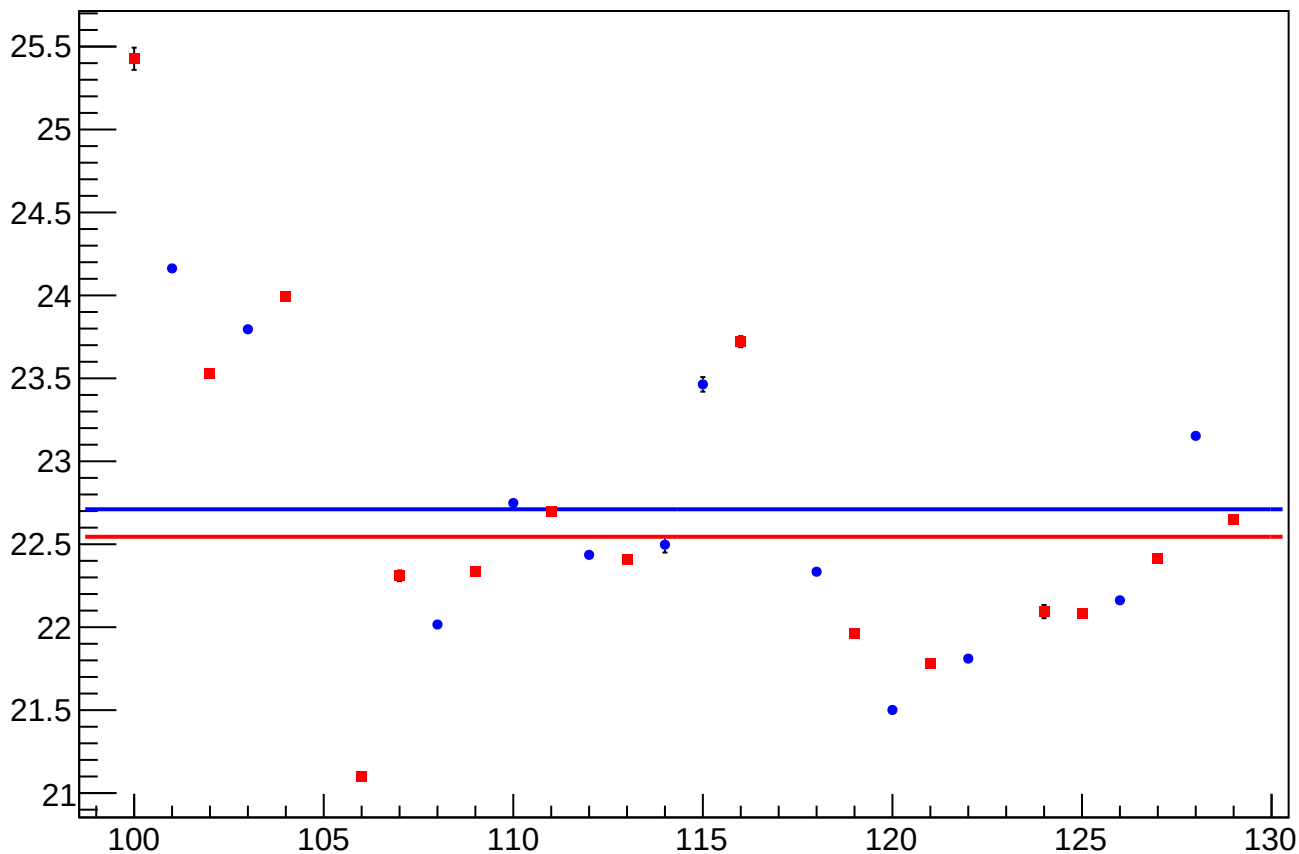
Right: 9.053+/-6.836 χ^2/NDF : 25.8/26

In: 7.703+/-10.148 χ^2/NDF :10.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 9.053+/-6.836 χ^2/NDF : 25.8/26

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.711+/-0.007 χ^2/NDF : 13319.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.545+/-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

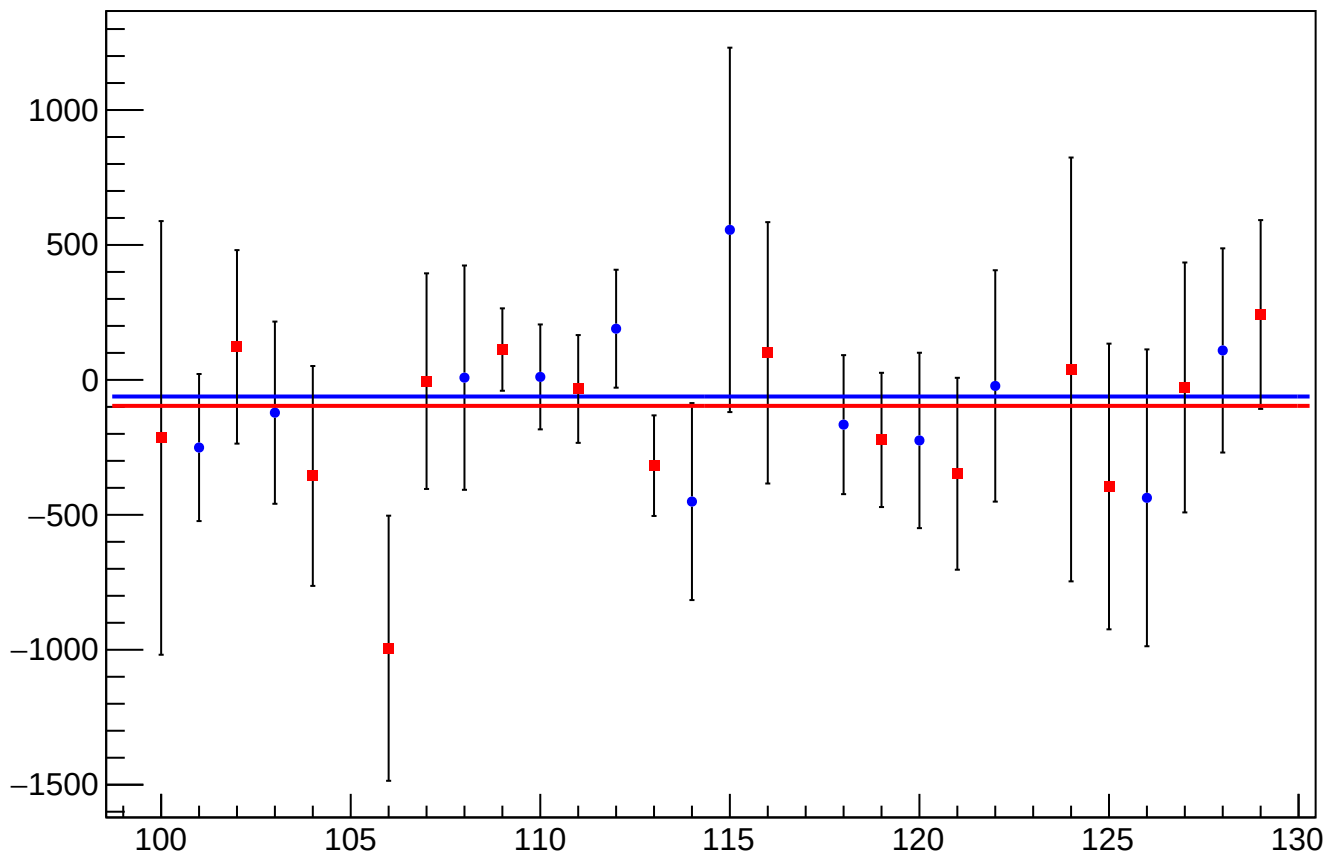
Right: 22.620+/-0.005 χ^2/NDF : 28453.1/26

In: 22.711+/-0.007 χ^2/NDF : 13319.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.620+/-0.005 χ^2/NDF : 28453.1/26

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -61.563+/-89.287 χ^2/NDF : 5.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -96.273+/-76.944 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

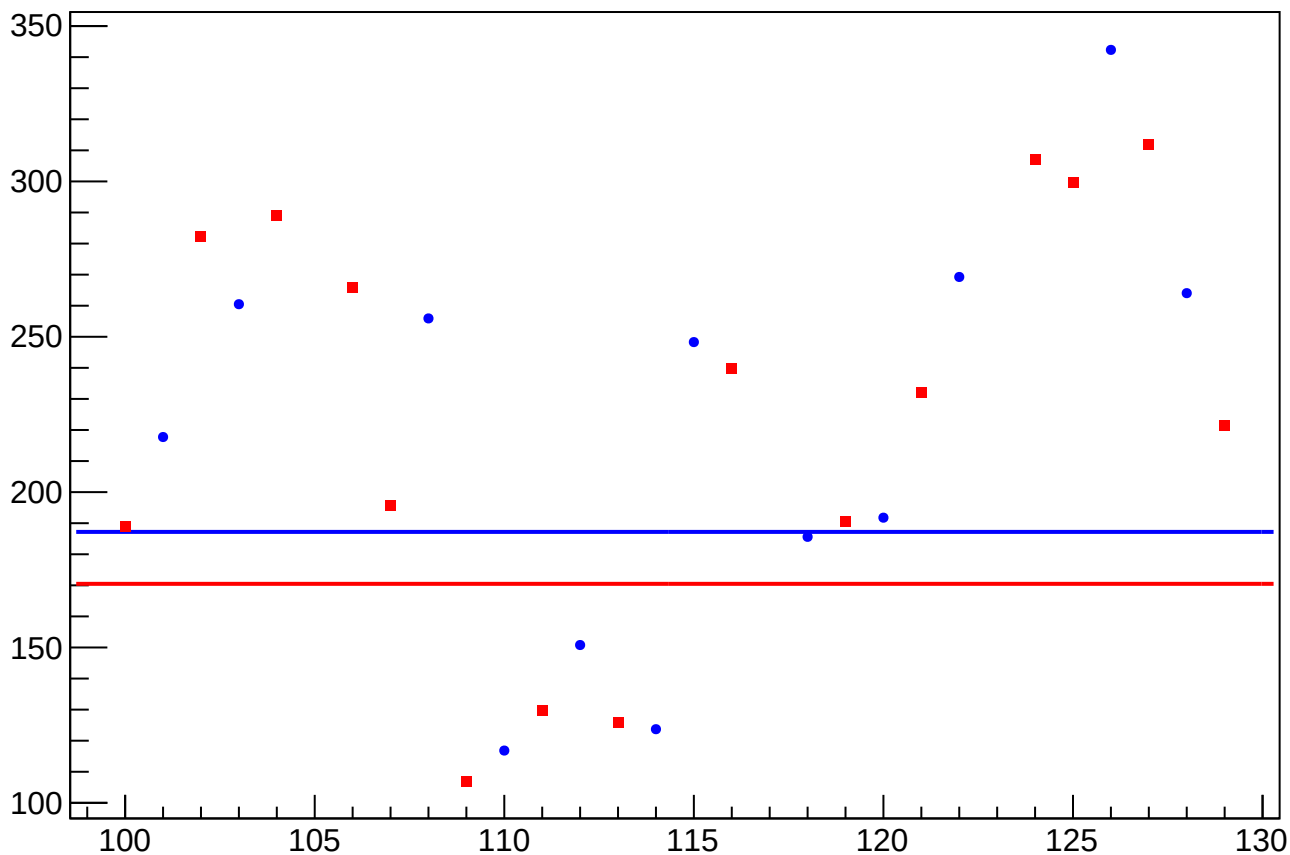
Right: -81.481+/-58.287 χ^2/NDF : 15.0/26

In: -61.563+/-89.287 χ^2/NDF : 5.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -81.481+/-58.287 χ^2/NDF : 15.0/26

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 187.201+/-0.063 χ^2/NDF : 884090.8/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

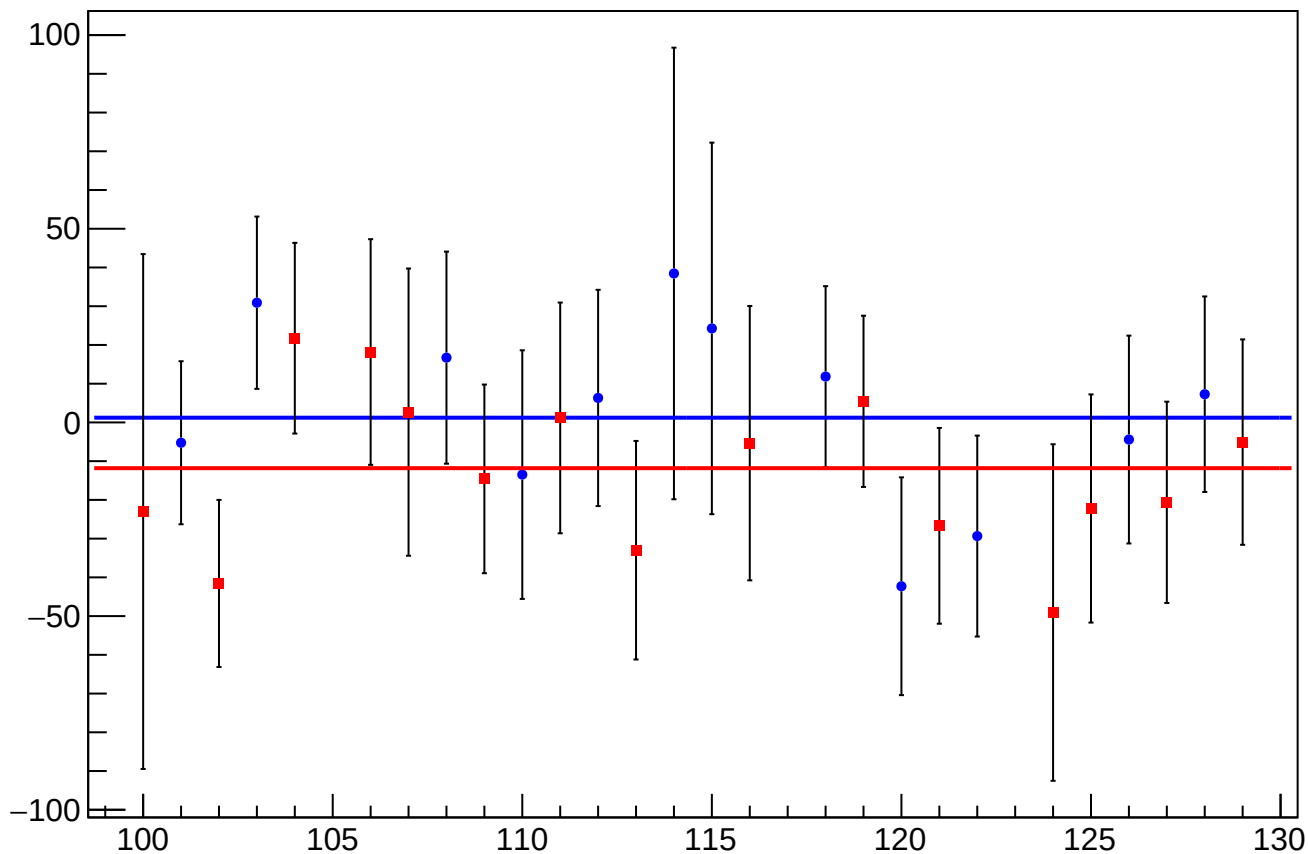
Right: 177.608+/-0.041 χ^2/NDF : 2439893.5/26

In: 187.201+/-0.063 χ^2/NDF :884090.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 177.608+/-0.041 χ^2/NDF : 2439893.5/26

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 1.222+/-7.871 χ^2/NDF : 7.2/11

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

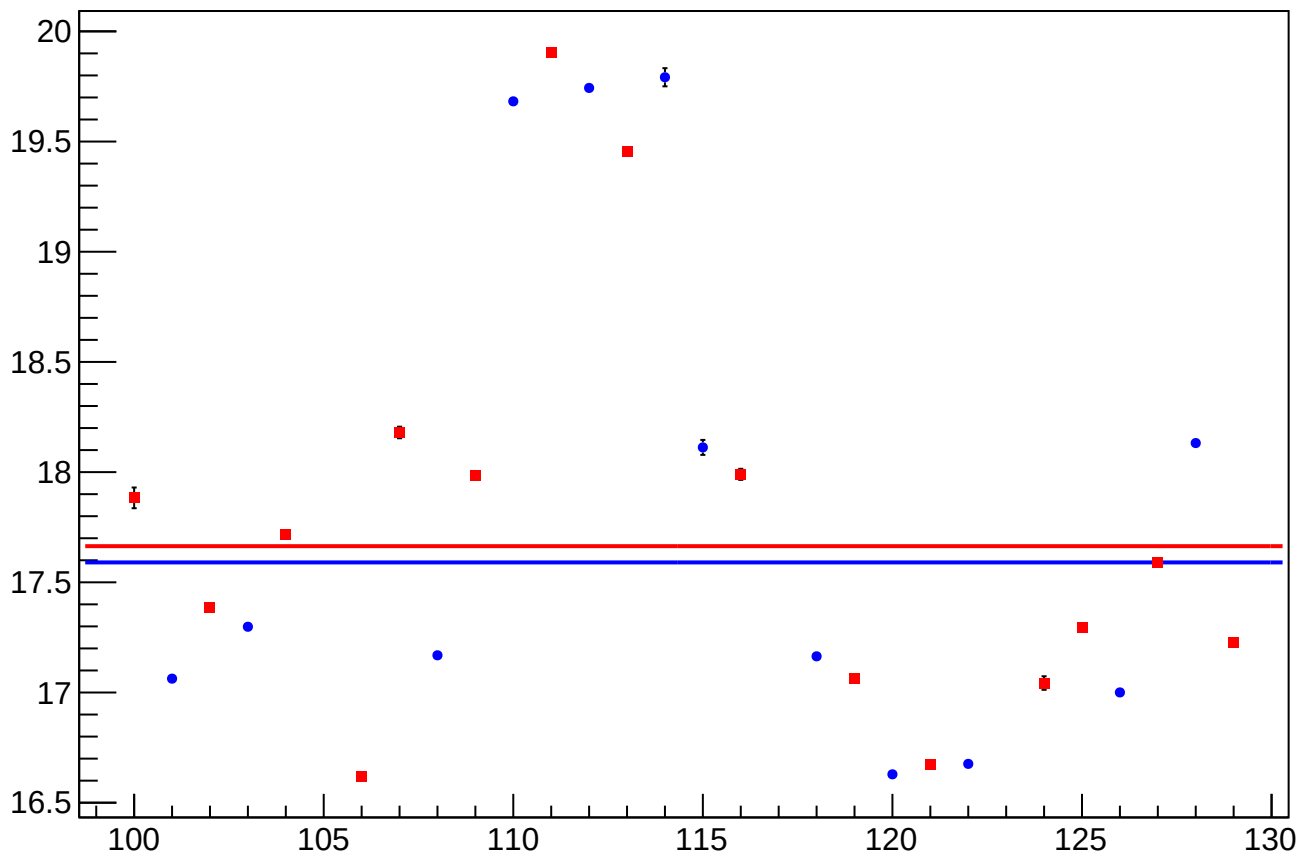
Right: -5.824+/-5.335 χ^2/NDF : 16.5/26

In: 1.222+/-7.871 χ^2/NDF : 7.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.824+/-5.335 χ^2/NDF : 16.5/26

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.590+/-0.006 χ^2/NDF : 32938.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.664+/-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

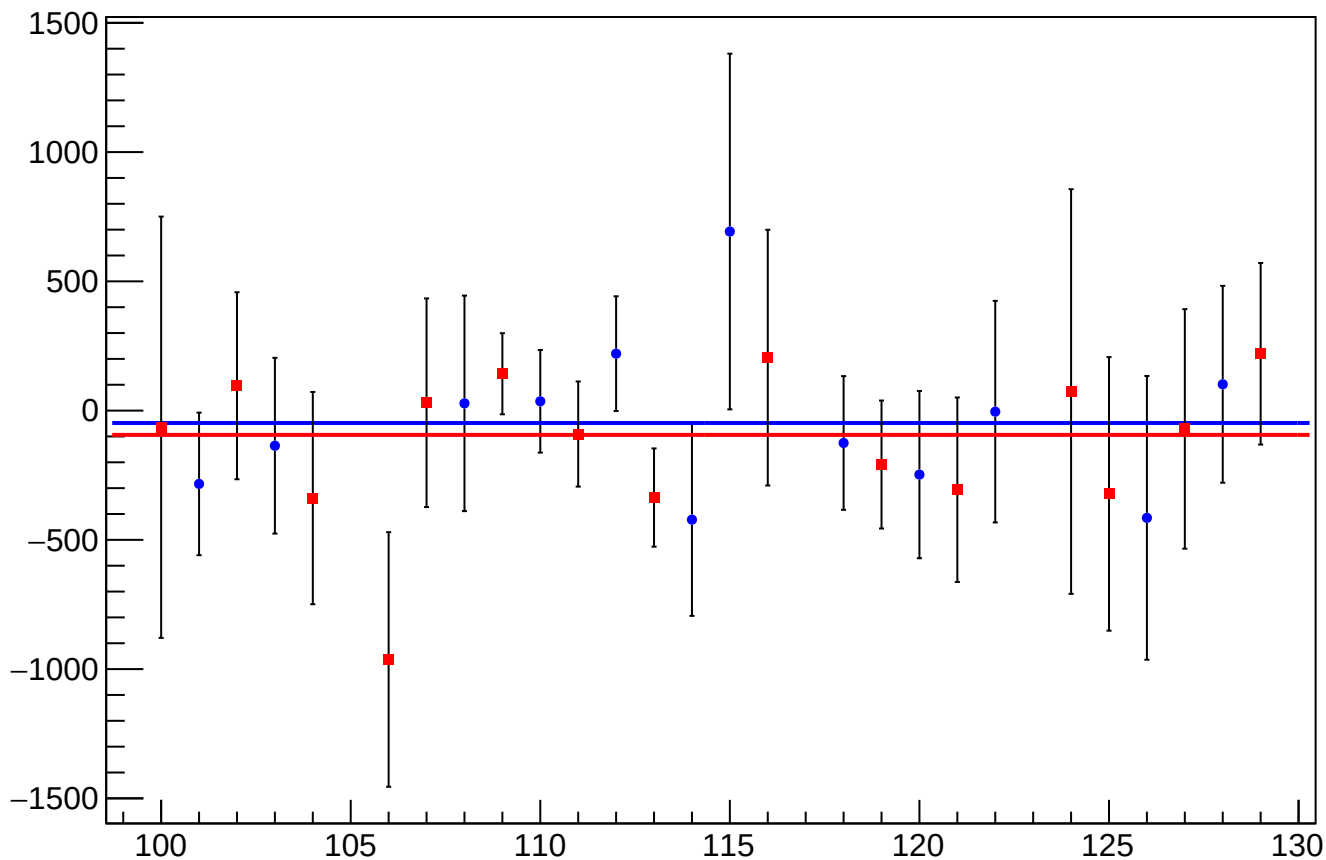
Right: 17.630+/-0.004 χ^2/NDF : 62073.9/26

In: 17.590+/-0.006 χ^2/NDF : 32938.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.630+/-0.004 χ^2/NDF : 62073.9/26

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -47.893 ± 90.266 χ^2/NDF : 5.7/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

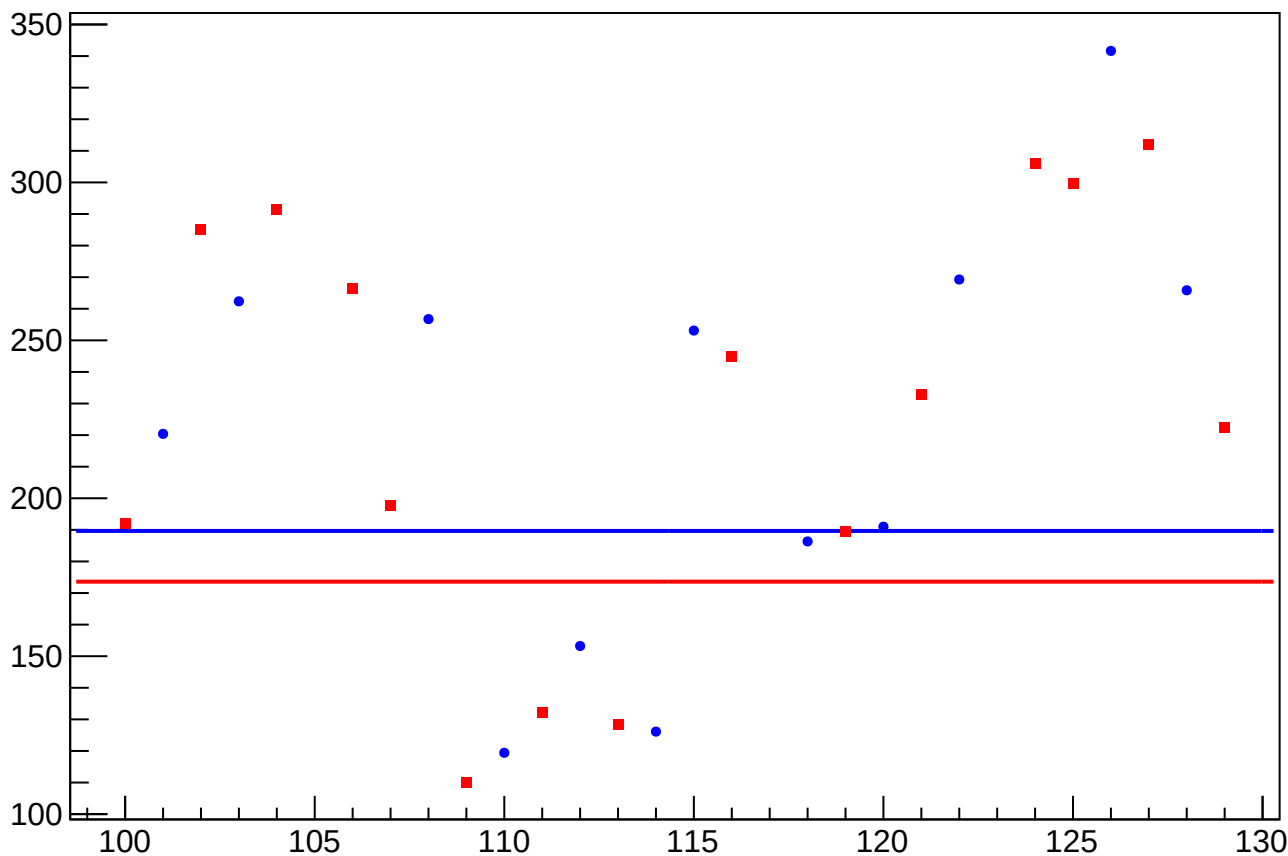
Right: -74.238 ± 59.047 χ^2/NDF : 15.6/26

In: -47.893 ± 90.266 χ^2/NDF : 5.7/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -74.238 ± 59.047 χ^2/NDF : 15.6/26

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 189.661+/-0.064 χ^2/NDF : 850383.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

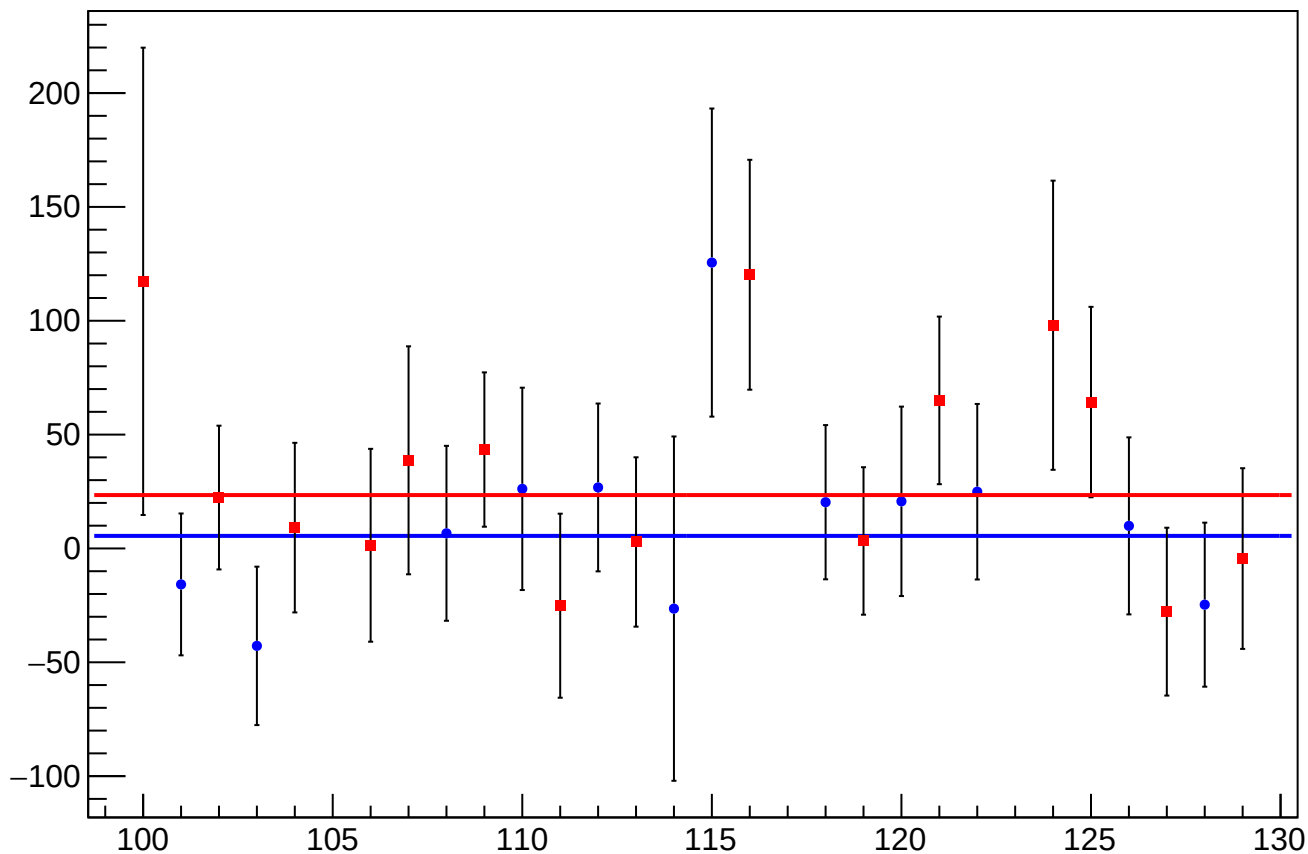
Right: 180.474+/-0.042 χ^2/NDF : 2337346.5/26

In: 189.661+/-0.064 χ^2/NDF :850383.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 180.474+/-0.042 χ^2/NDF : 2337346.5/26

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 5.516+/-11.378 χ^2/NDF : 7.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.441+/-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

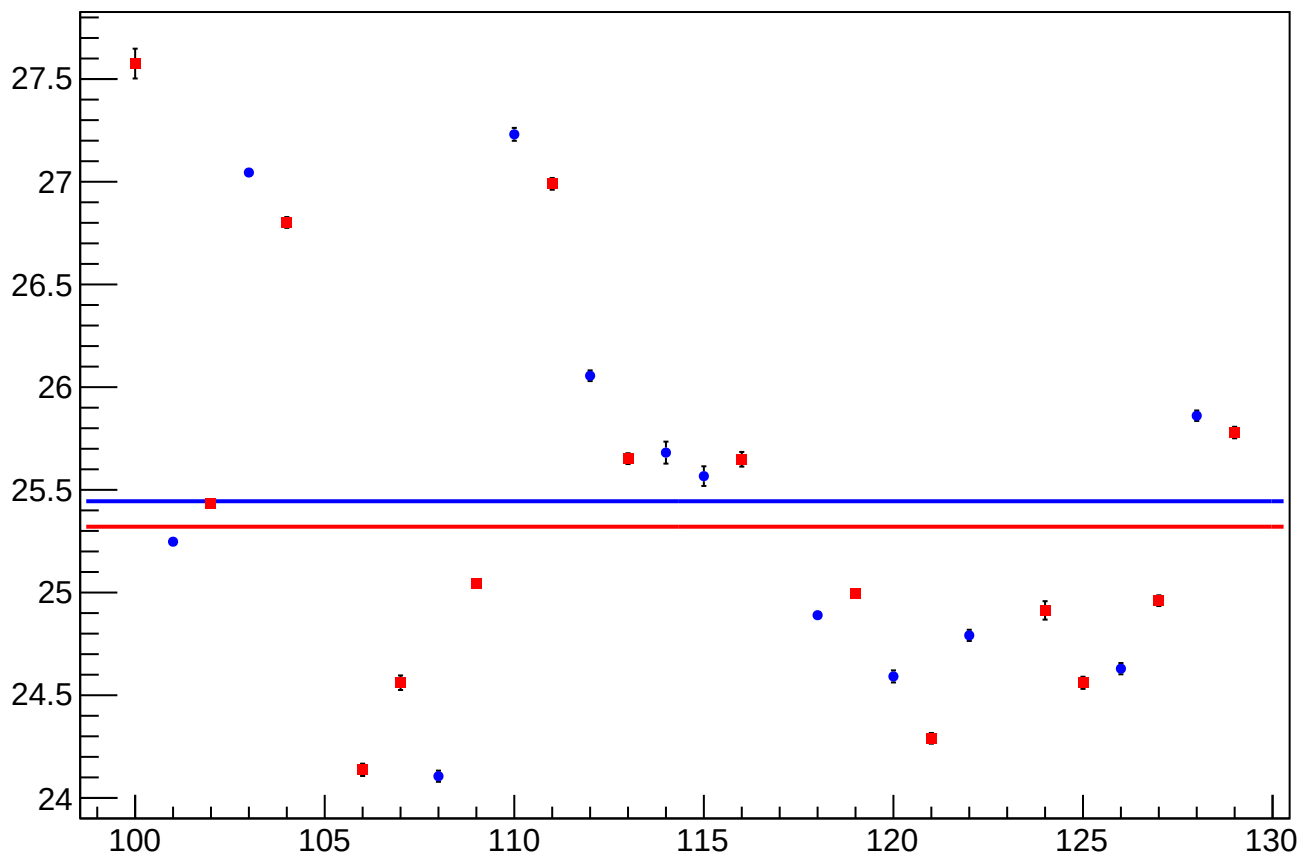
Right: 15.287+/-7.674 χ^2/NDF : 22.5/26

In: 5.516+/-11.378 χ^2/NDF : 7.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.287+/-7.674 χ^2/NDF : 22.5/26

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.445+/-0.008 χ^2/NDF : 13646.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 25.321+/-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

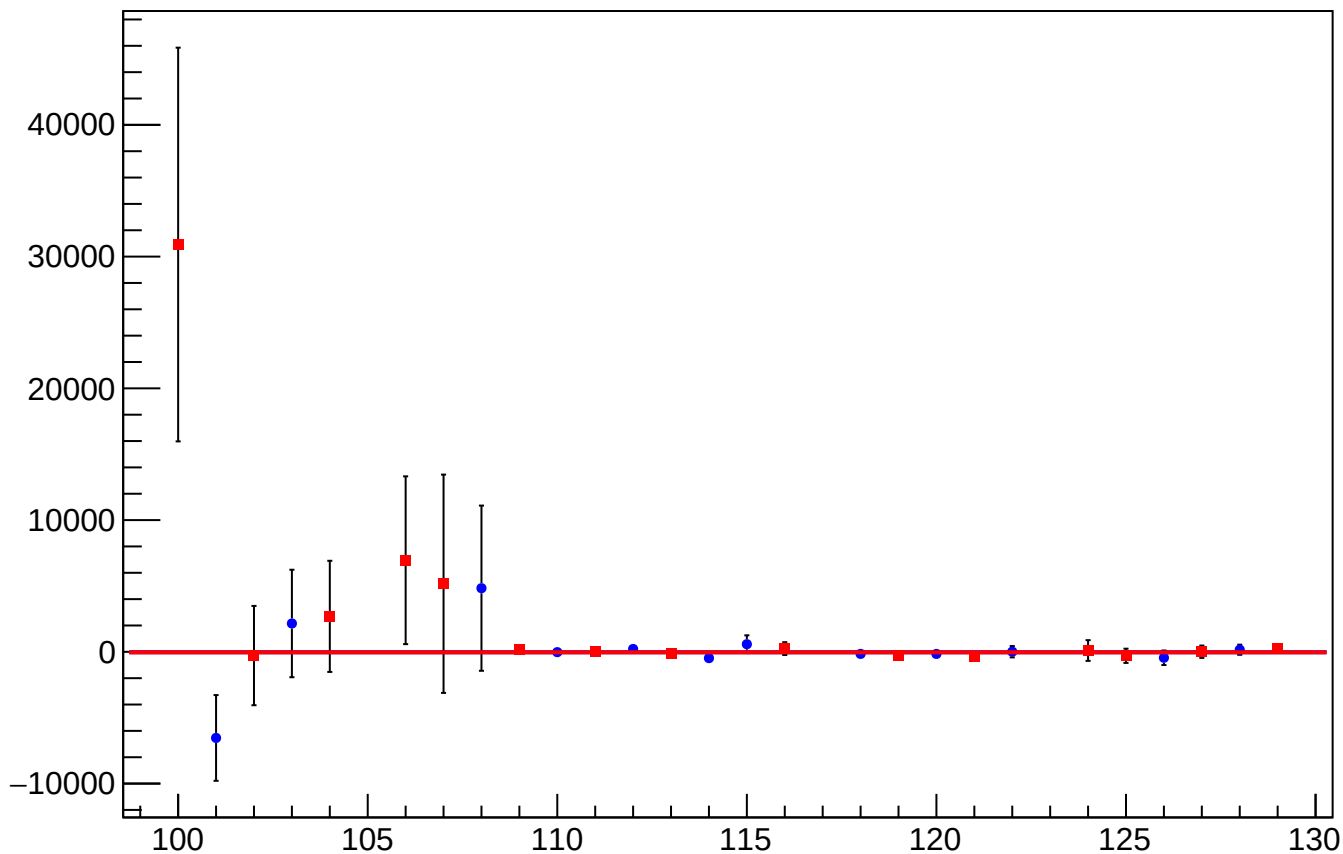
Right: 25.377+/-0.005 χ^2/NDF : 26711.8/26

In: 25.445+/-0.008 χ^2/NDF :13646.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 25.377+/-0.005 χ^2/NDF : 26711.8/26

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -29.834+/-101.819 χ^2/NDF : 9.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

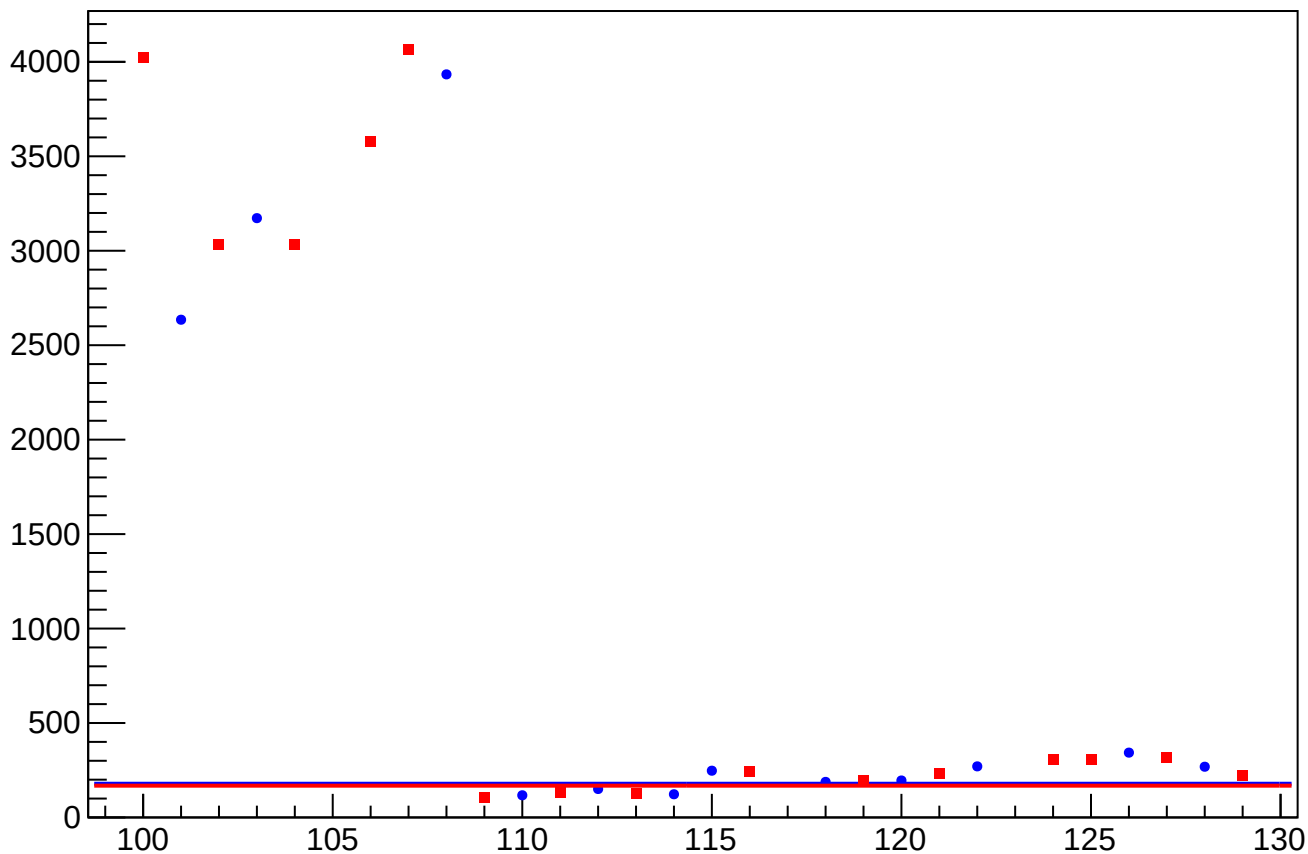
Right: -34.134+/-67.704 χ^2/NDF : 20.7/26

In: -29.834+/-101.819 χ^2/NDF :9.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -34.134+/-67.704 χ^2/NDF : 20.7/26

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 178.445+/-0.072 χ^2/NDF : 3618831.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

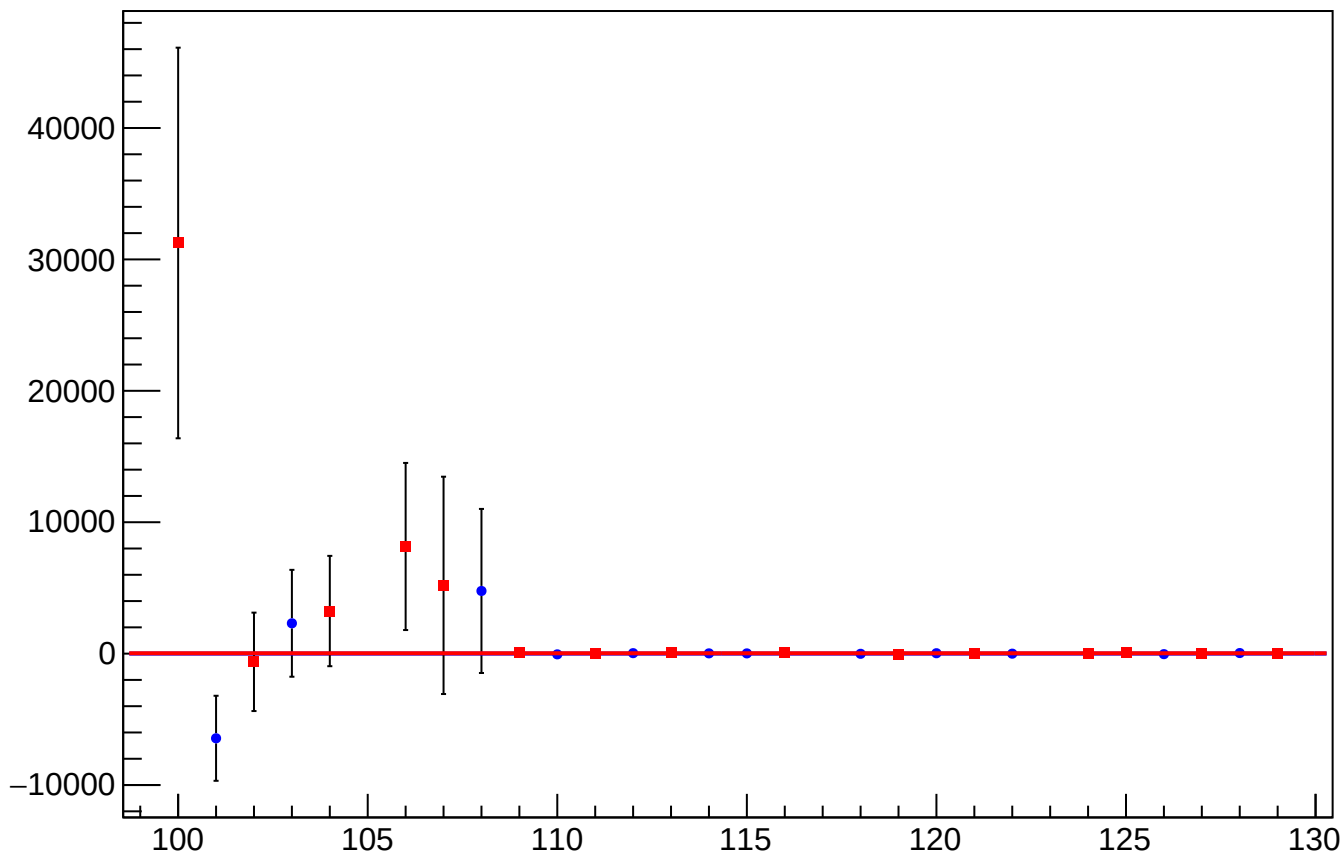
Right: 172.773+/-0.048 χ^2/NDF : 7780412.0/26

In: 178.445+/-0.072 χ^2/NDF : 3618831.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.773+/-0.048 χ^2/NDF : 7780412.0/26

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 2.825+/-15.069 χ^2/NDF : 10.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

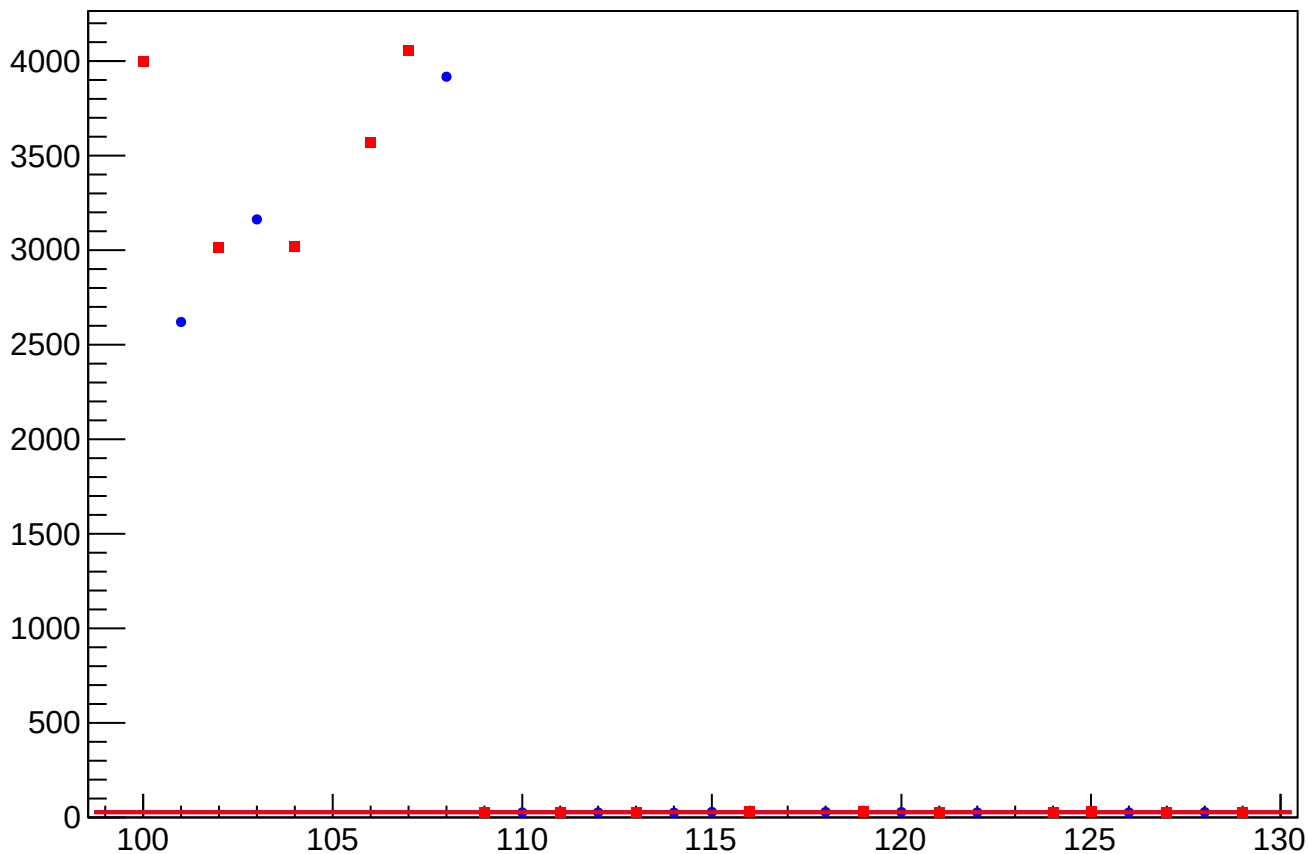
Right: 16.352+/-10.300 χ^2/NDF : 31.9/26

In: 2.825+/-15.069 χ^2/NDF : 10.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.352+/-10.300 χ^2/NDF : 31.9/26

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.673+/-0.011 χ^2/NDF : 3260347.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.774+/-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

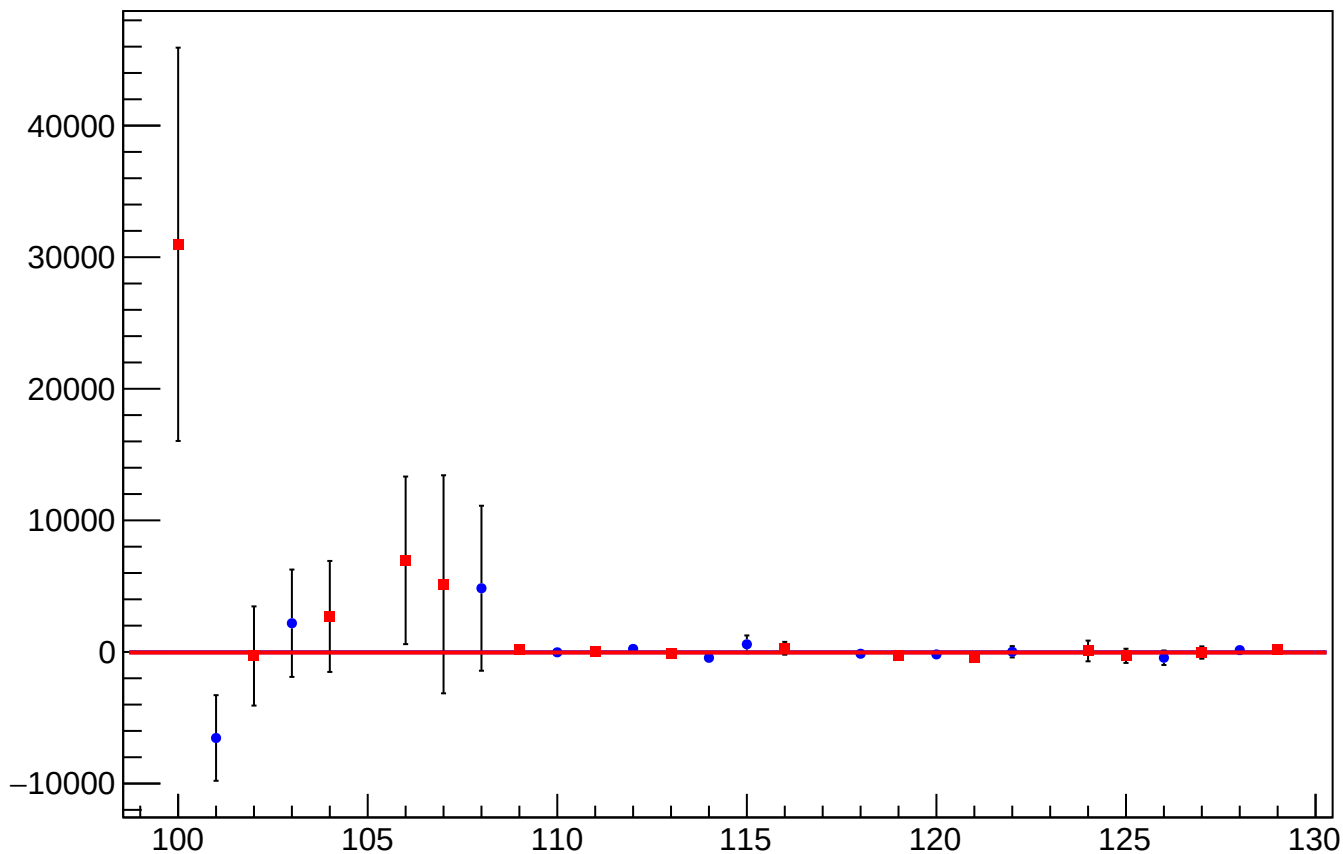
Right: 27.727+/-0.007 χ^2/NDF : 6812392.0/26

In: 27.673+/-0.011 χ^2/NDF : 3260347.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.727+/-0.007 χ^2/NDF : 6812392.0/26

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -25.155+/-101.461 χ^2/NDF : 9.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

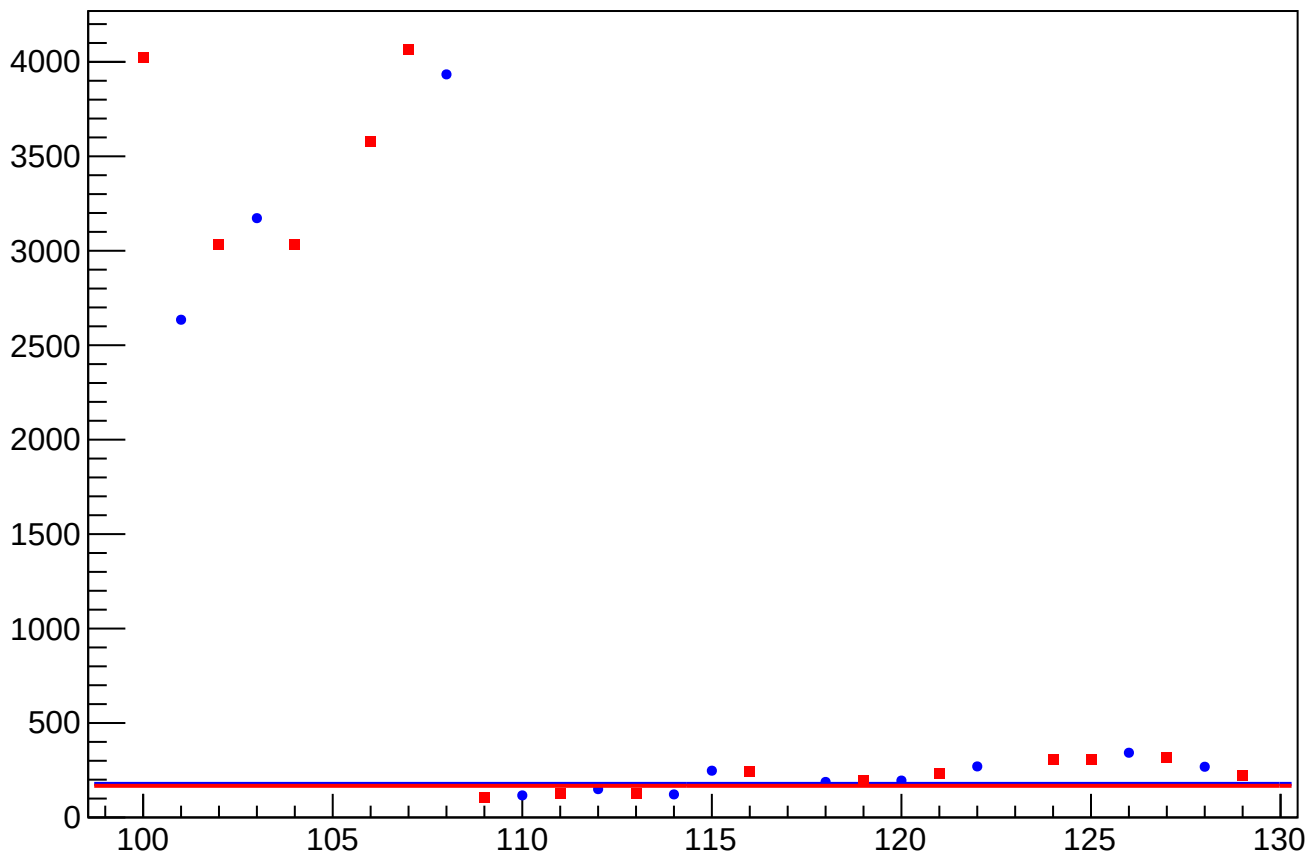
Right: -35.011+/-67.457 χ^2/NDF : 20.7/26

In: -25.155+/-101.461 χ^2/NDF : 9.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.011+/-67.457 χ^2/NDF : 20.7/26

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 177.703+/-0.072 χ^2/NDF : 3627275.8/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

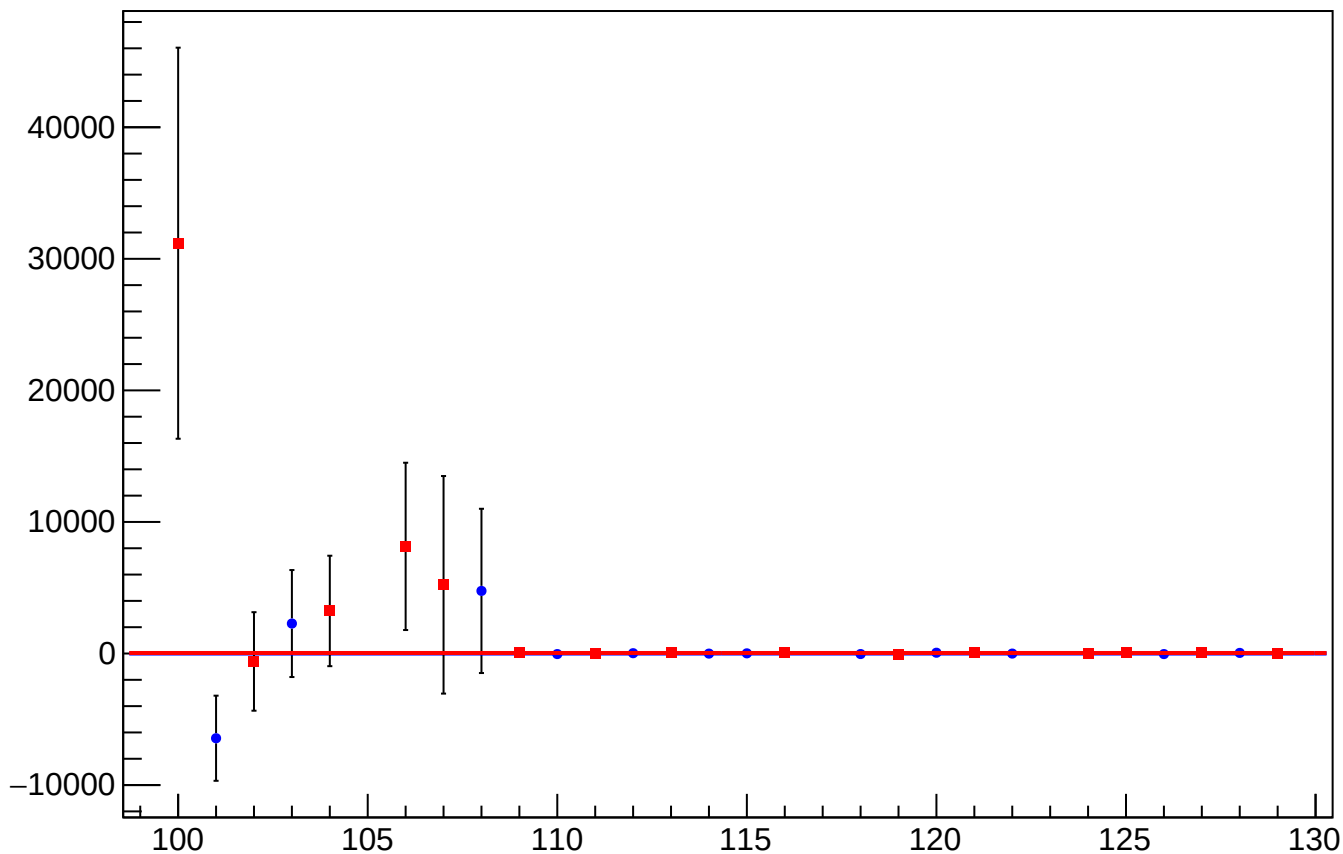
Right: 172.018+/-0.048 χ^2/NDF : 7799899.8/26

In: 177.703+/-0.072 χ^2/NDF :3627275.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 172.018+/-0.048 χ^2/NDF : 7799899.8/26

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -0.686+/-15.187 χ^2/NDF : 11.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

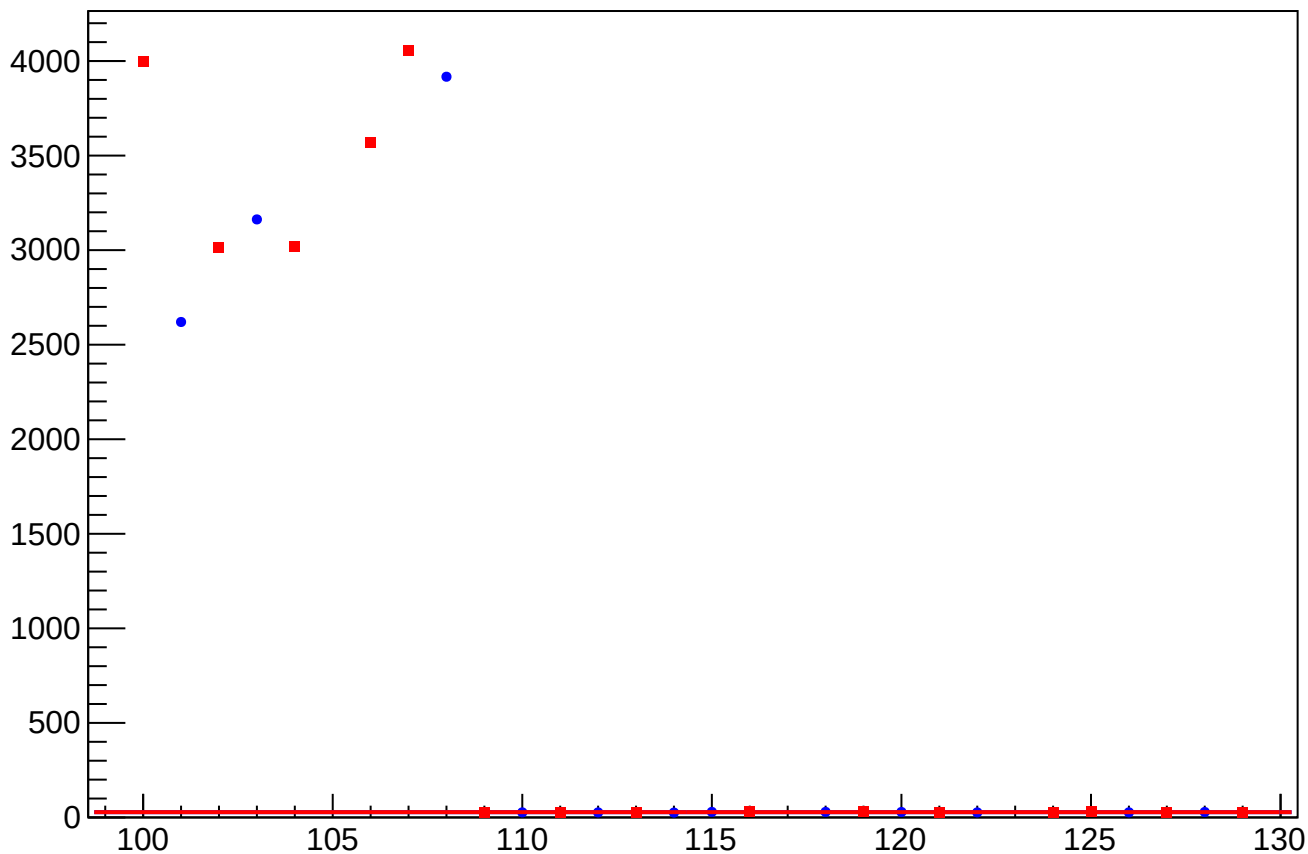
Right: 20.893+/-10.391 χ^2/NDF : 31.6/26

In: -0.686+/-15.187 χ^2/NDF : 11.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.893+/-10.391 χ^2/NDF : 31.6/26

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.884+/-0.011 χ^2/NDF : 3261077.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.035+/-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

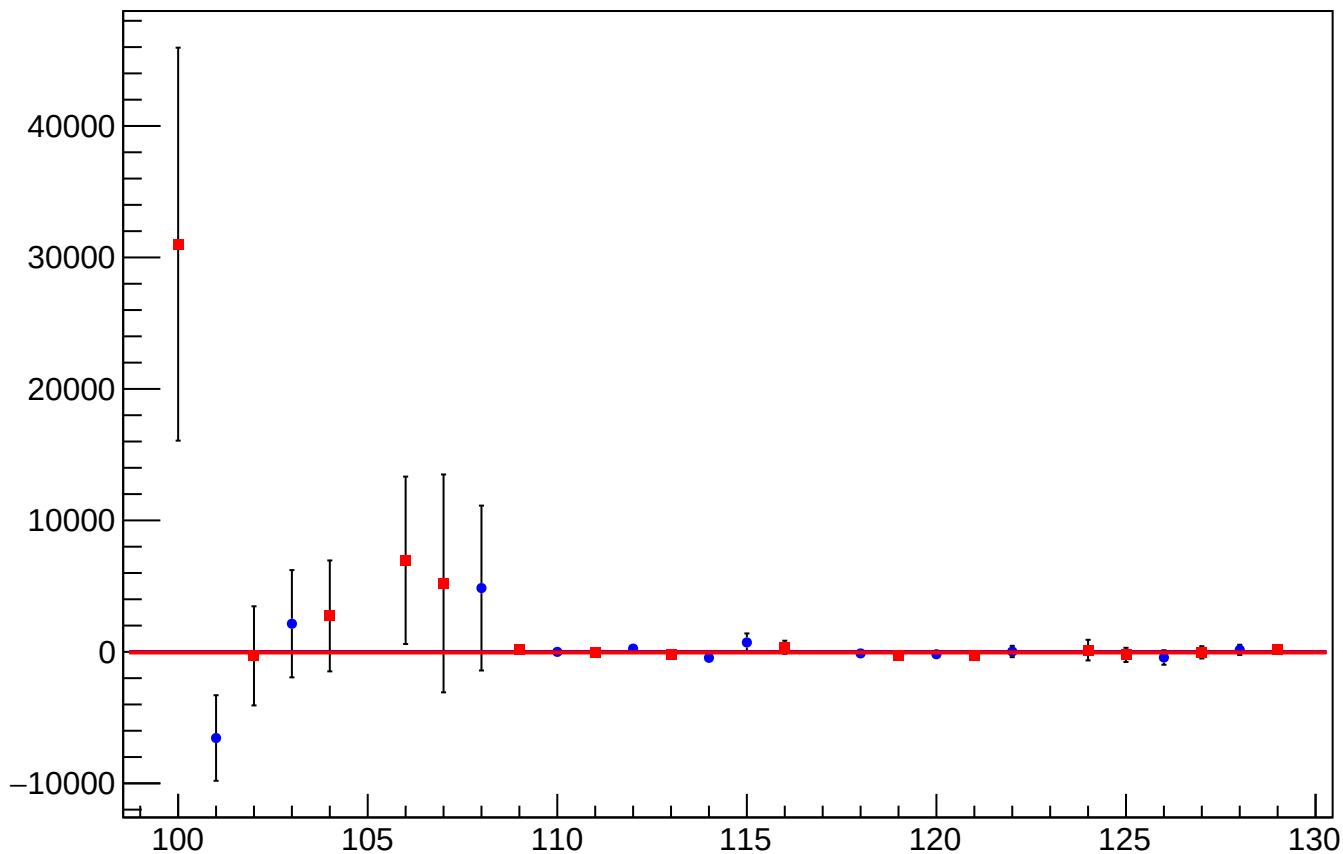
Right: 27.964+/-0.007 χ^2/NDF : 6815828.1/26

In: 27.884+/-0.011 χ^2/NDF : 3261077.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.964+/-0.007 χ^2/NDF : 6815828.1/26

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -7.615+/-102.878 χ^2/NDF : 10.0/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

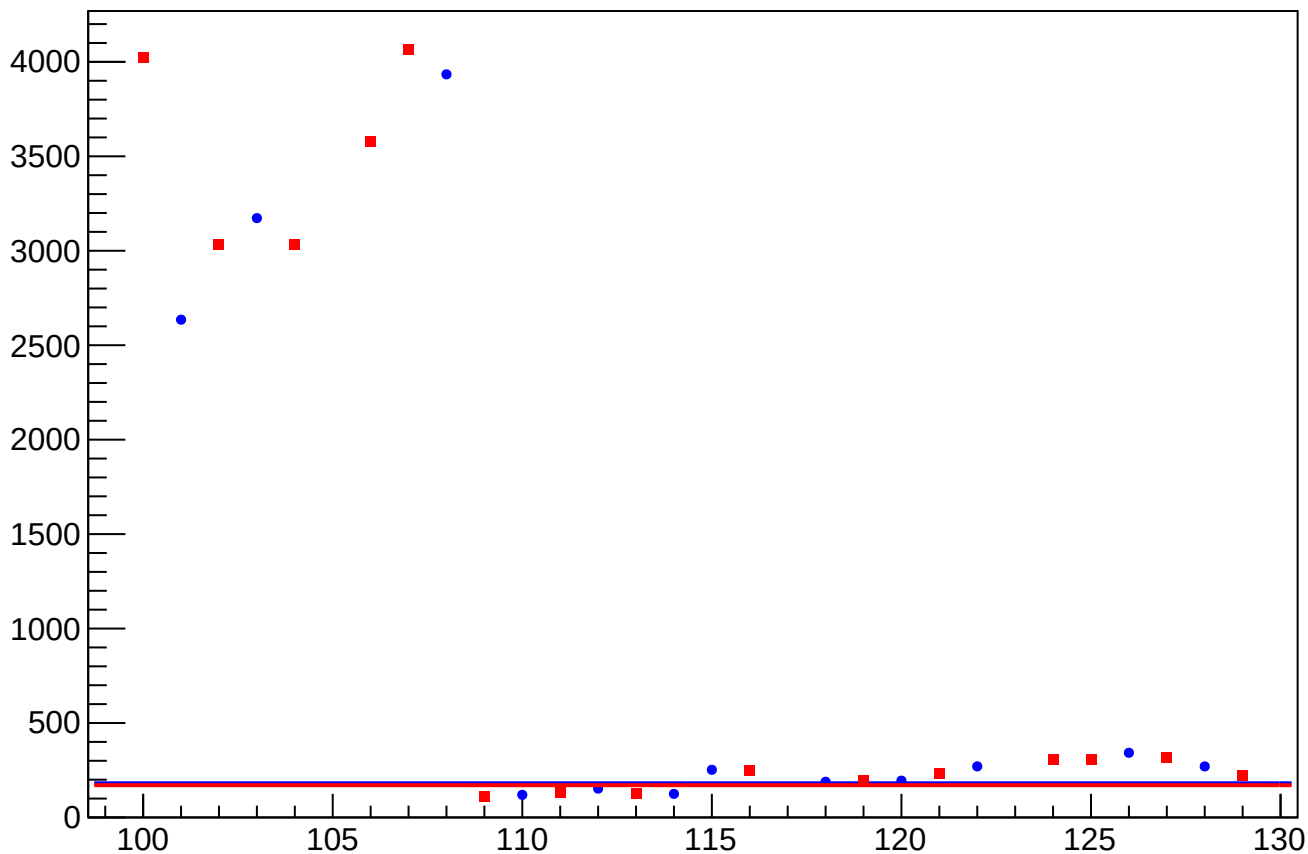
Right: -29.220+/-68.457 χ^2/NDF : 21.0/26

In: -7.615+/-102.878 χ^2/NDF :10.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -29.220+/-68.457 χ^2/NDF : 21.0/26

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 180.769+/-0.073 χ^2/NDF : 3589821.0/11

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

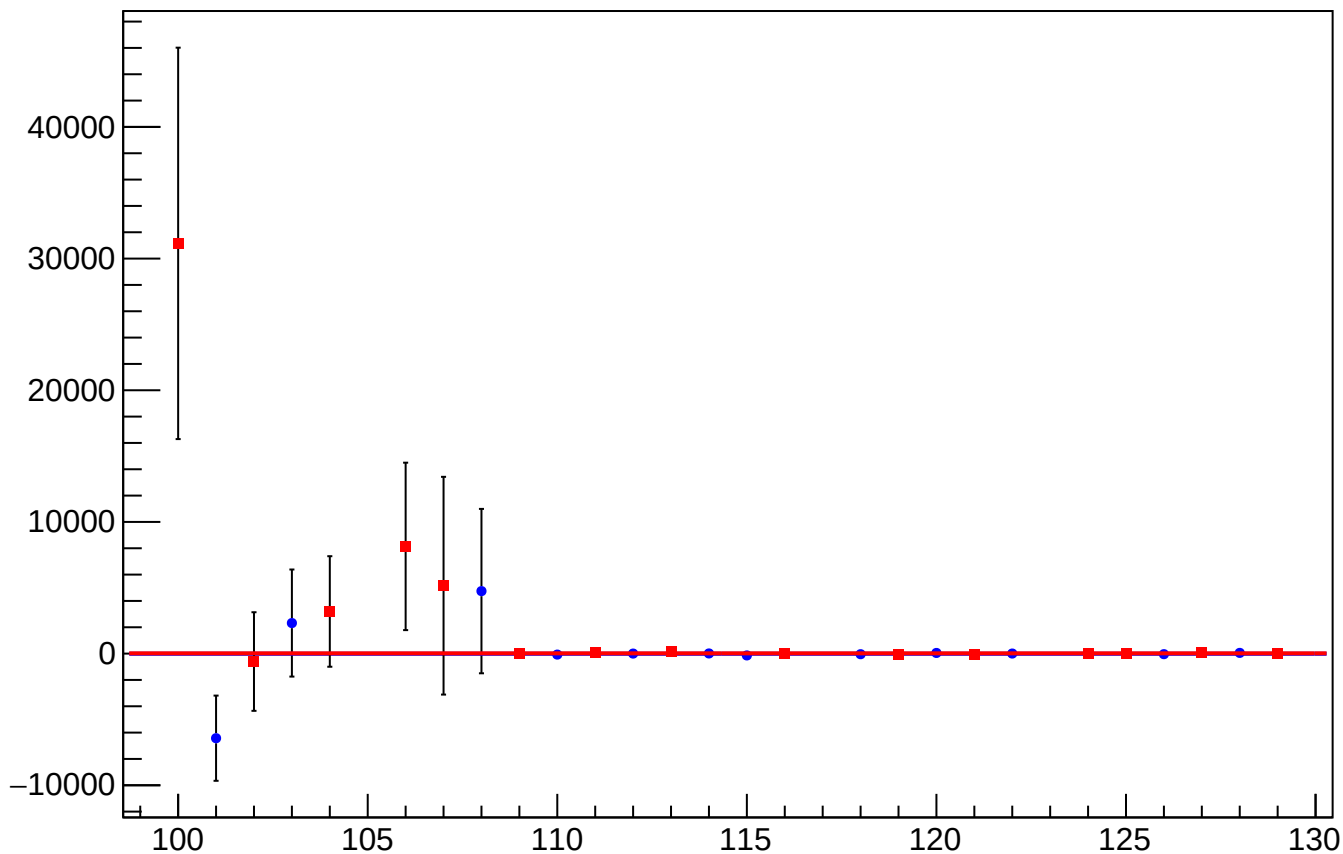
Right: 175.208+/-0.048 χ^2/NDF : 7710582.3/26

In: 180.769+/-0.073 χ^2/NDF : 3589821.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.208+/-0.048 χ^2/NDF : 7710582.3/26

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -12.741 $\pm$ 18.470 χ^2 /NDF: 12.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 20.267 $\pm$ 17.218 χ^2 /NDF: 20.9/14

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

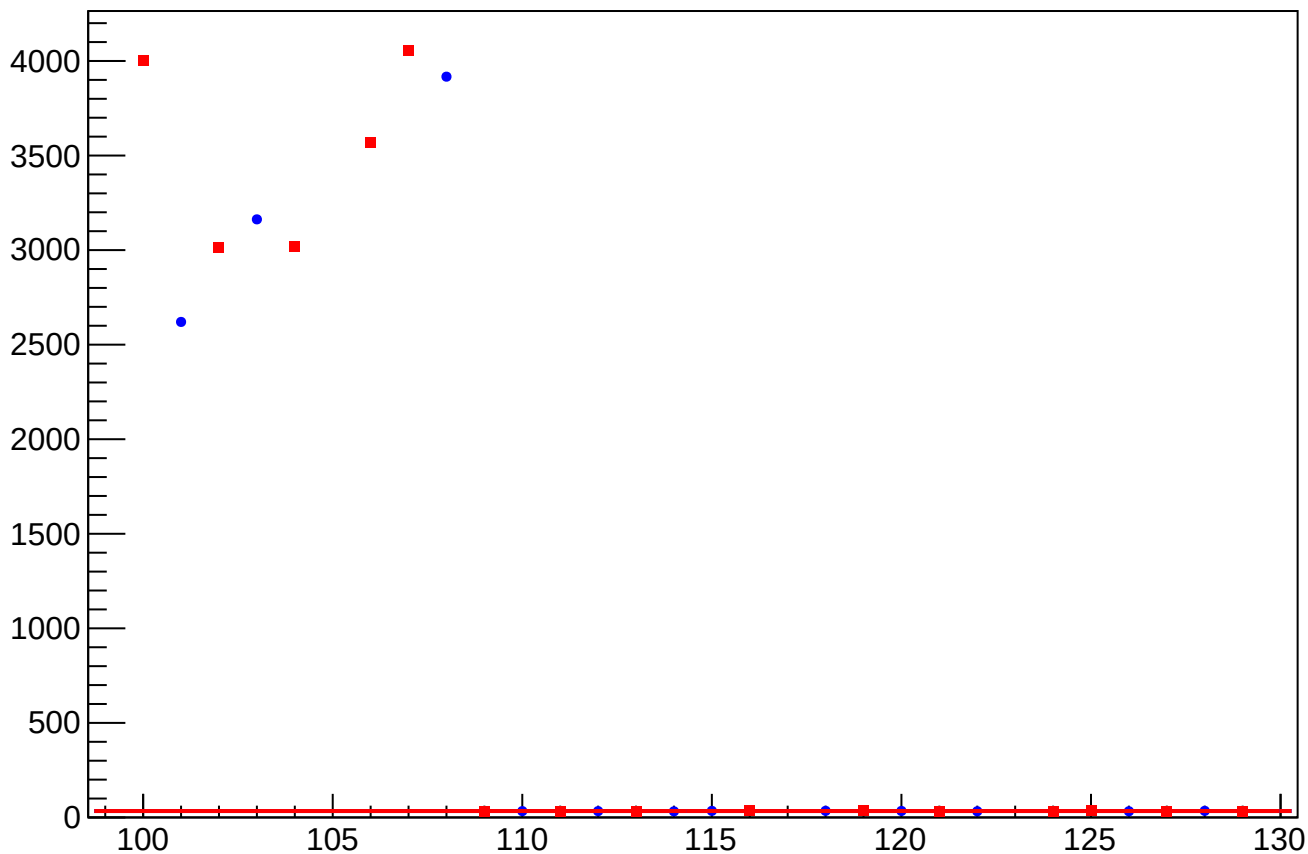
Right: 4.919 $\pm$ 12.594 χ^2 /NDF: 34.9/26

In: -12.741 $\pm$ 18.470 χ^2 /NDF:12.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4.919 $\pm$ 12.594 χ^2 /NDF: 34.9/26

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 33.992+/-0.013 χ^2/NDF : 3240876.1/11

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

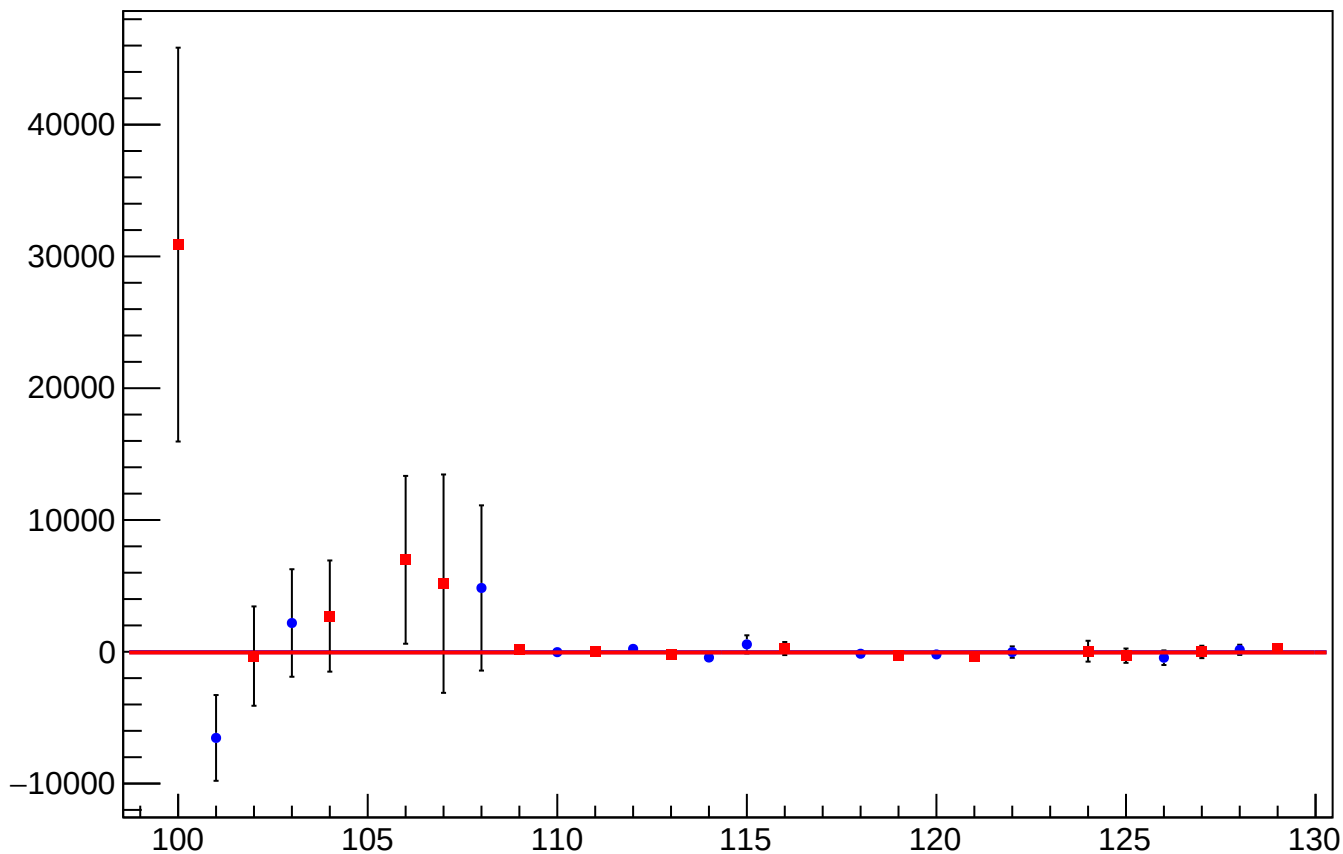
Right: 33.980+/-0.009 χ^2/NDF : 6765482.3/26

In: 33.992+/-0.013 χ^2/NDF : 3240876.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.980+/-0.009 χ^2/NDF : 6765482.3/26

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -32.813+/-102.284 χ^2/NDF : 9.5/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

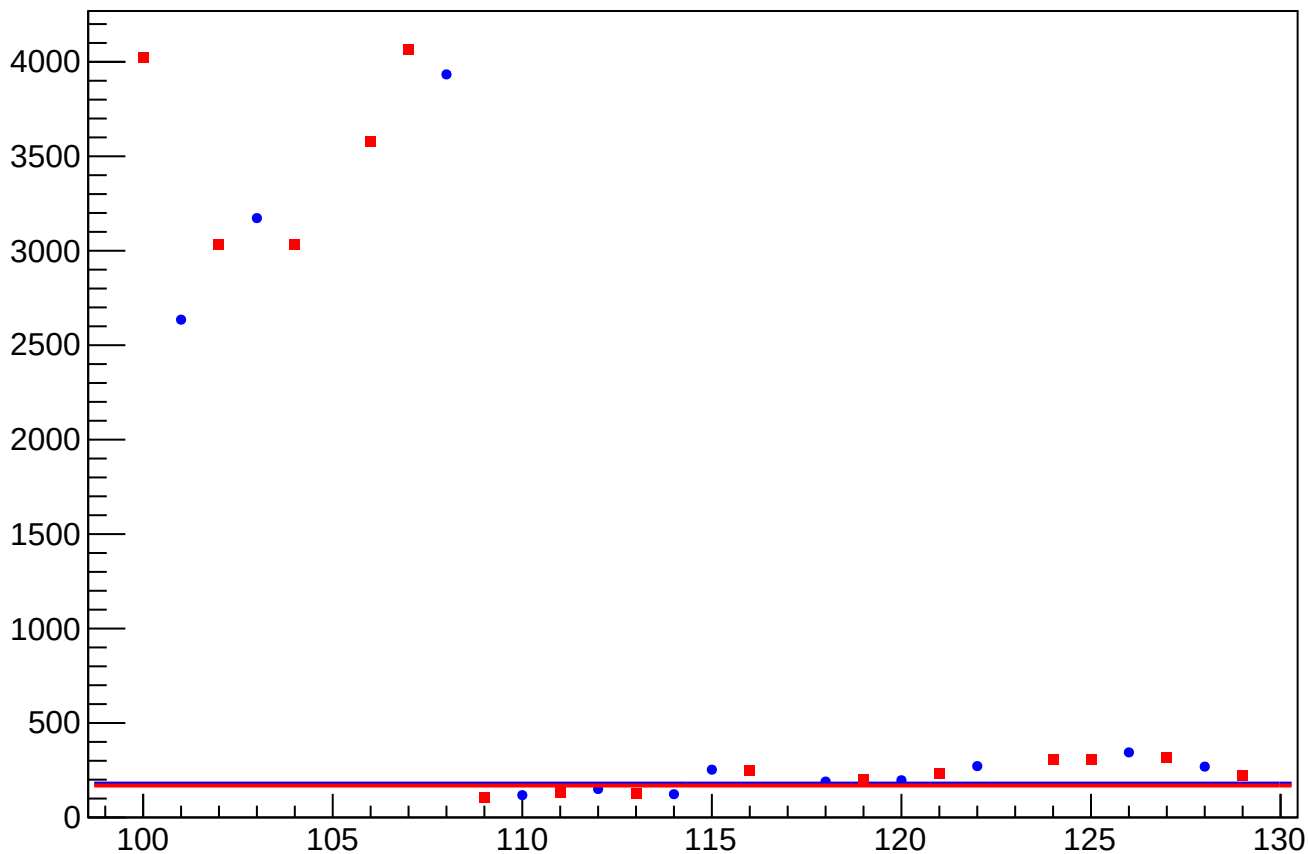
Right: -44.543+/-68.029 χ^2/NDF : 20.3/26

In: -32.813+/-102.284 χ^2/NDF :9.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -44.543+/-68.029 χ^2/NDF : 20.3/26

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 179.249+/-0.072 χ^2/NDF : 3620449.2/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

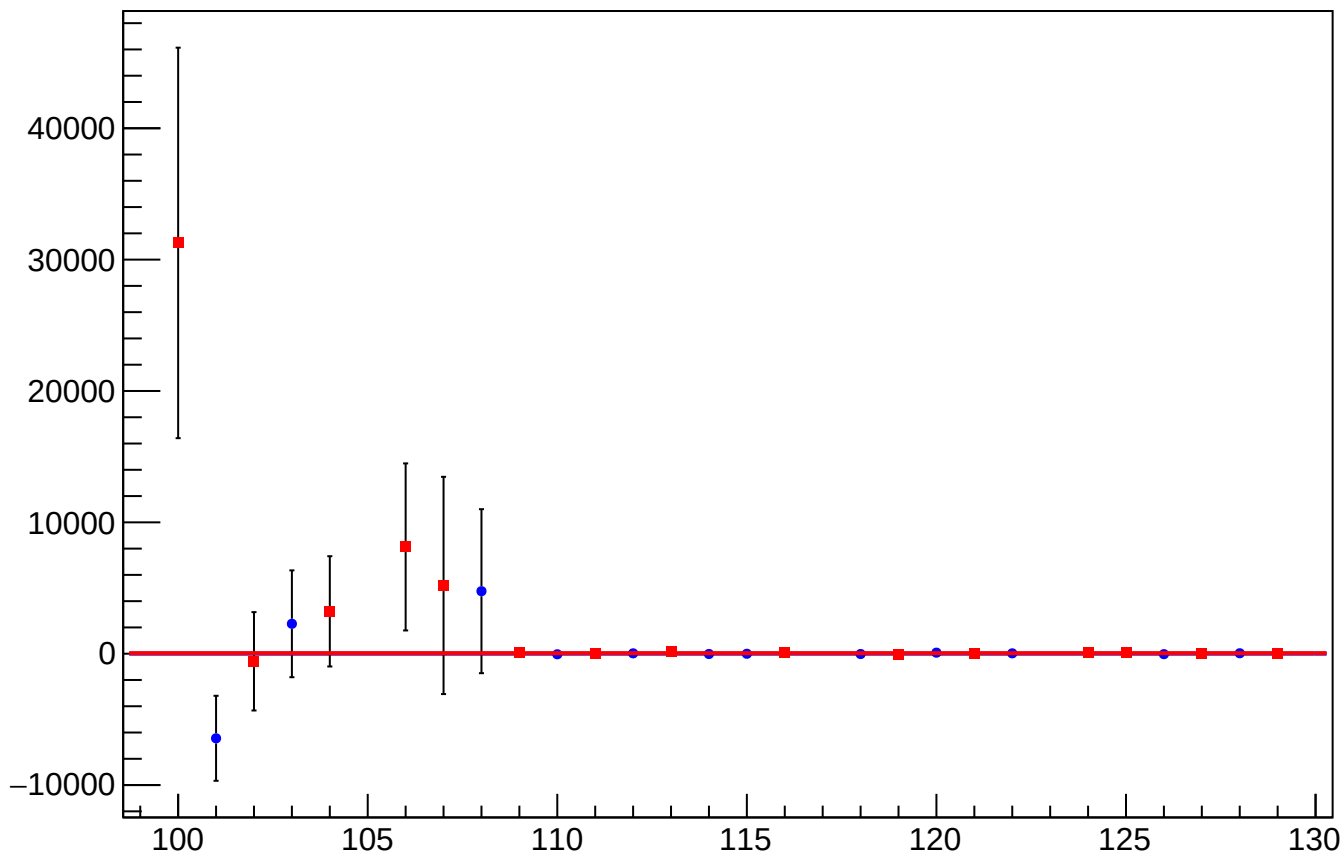
Right: 173.593+/-0.048 χ^2/NDF : 7786013.4/26

In: 179.249+/-0.072 χ^2/NDF :3620449.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 173.593+/-0.048 χ^2/NDF : 7786013.4/26

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 7.095+/-16.900 χ^2/NDF : 9.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

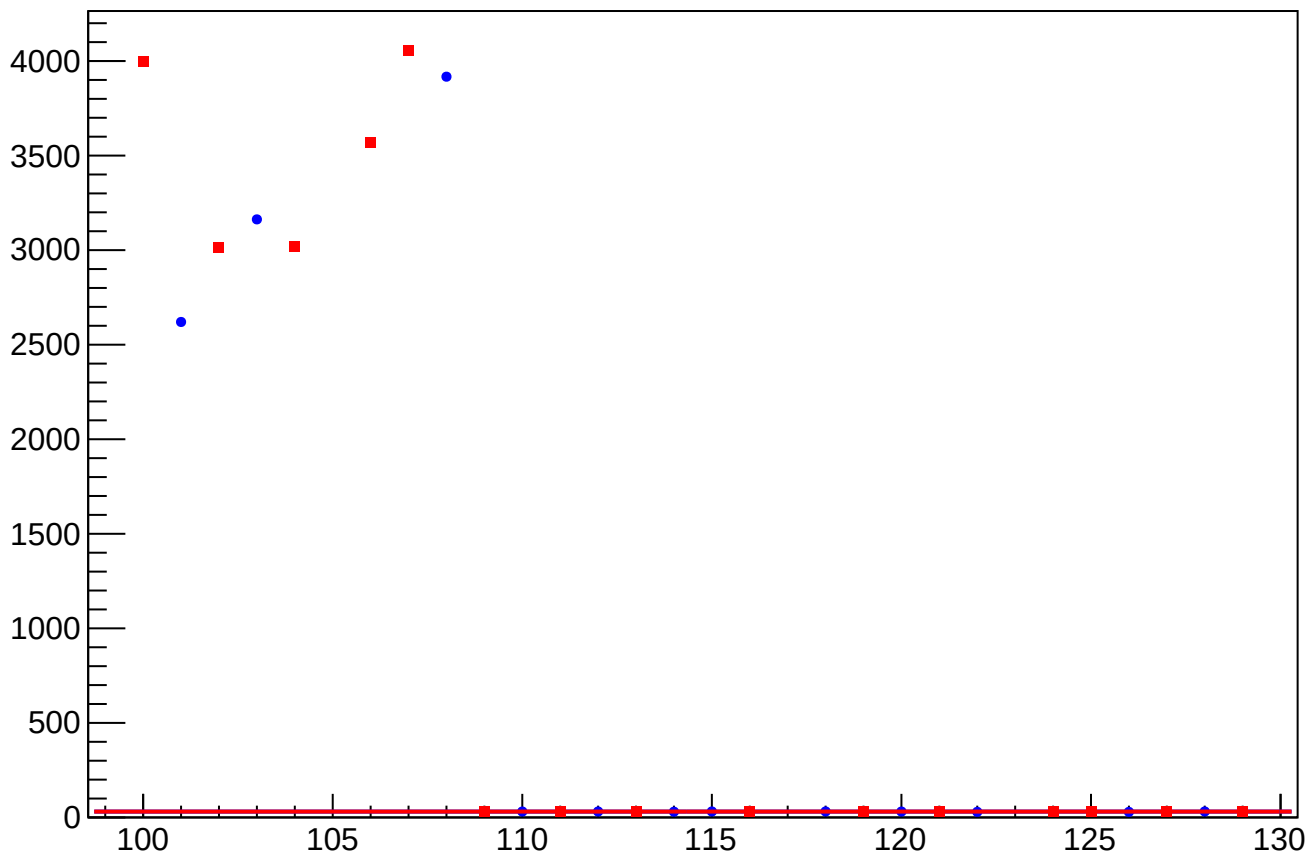
Right: 24.319+/-11.533 χ^2/NDF : 32.7/26

In: 7.095+/-16.900 χ^2/NDF : 9.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.319+/-11.533 χ^2/NDF : 32.7/26

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 31.075+/-0.012 χ^2/NDF : 3247851.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.108+/-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

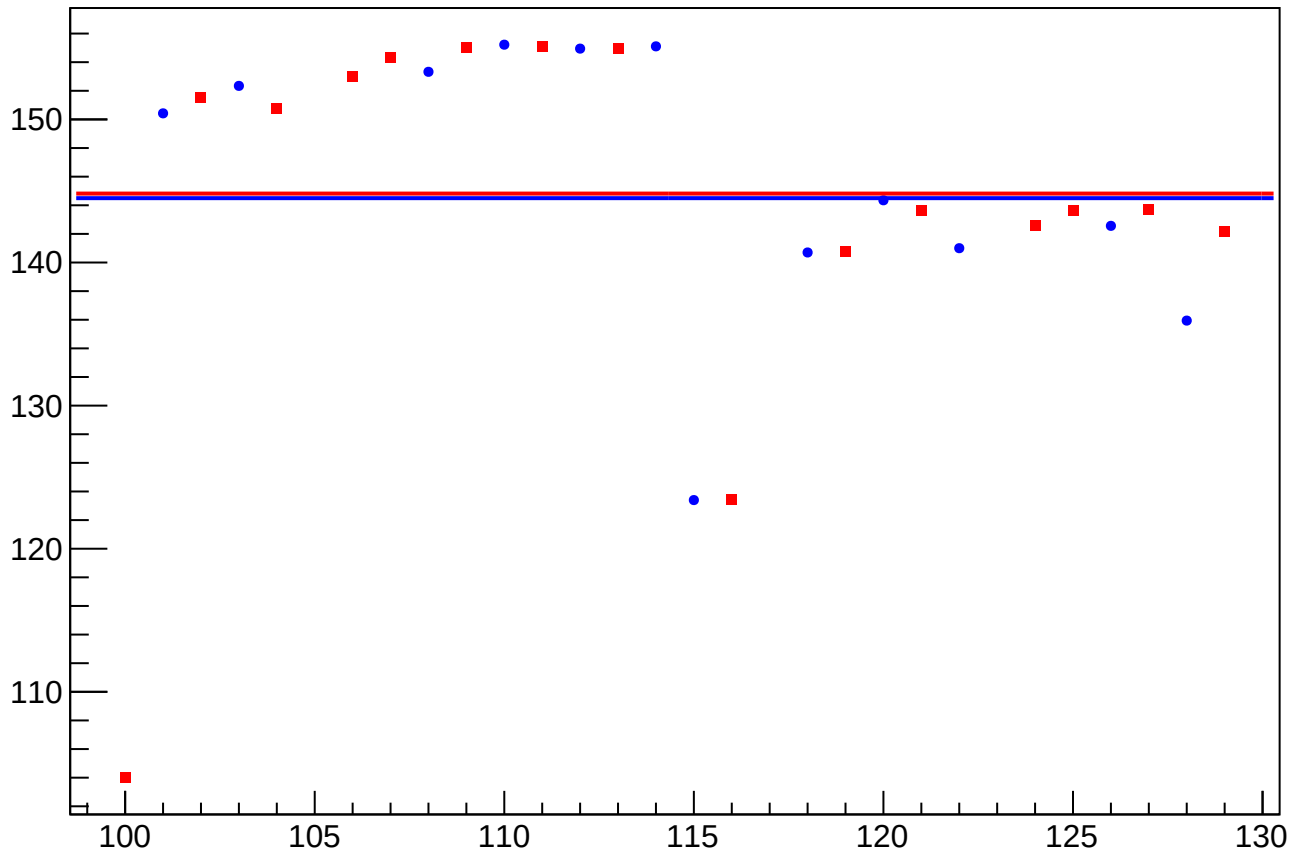
Right: 31.093+/-0.008 χ^2/NDF : 6779271.6/26

In: 31.075+/-0.012 χ^2/NDF : 3247851.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

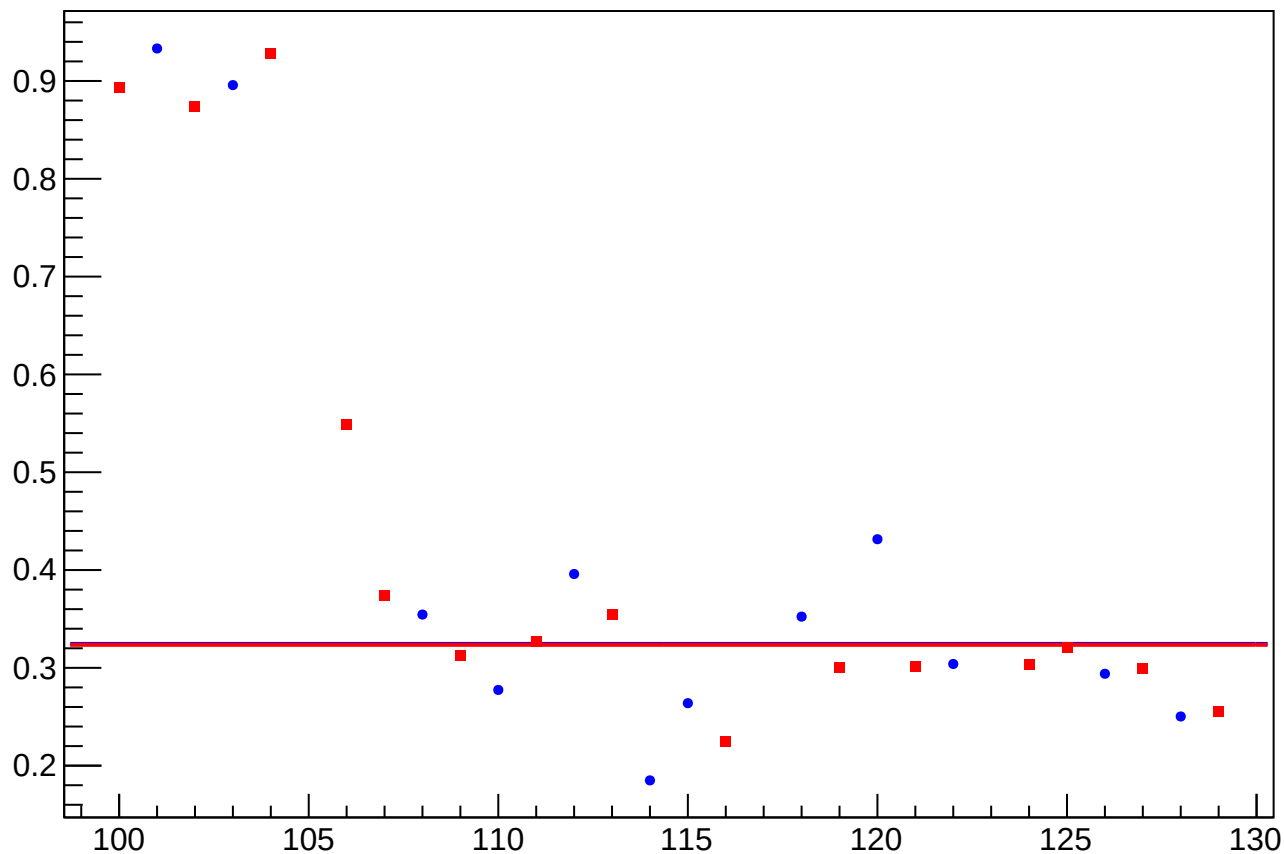
All: 31.093+/-0.008 χ^2/NDF : 6779271.6/26

yield_bcm_target_mean vs Slug, Sign Corrected



Right In: 144.497 $\pm$ 0.000 χ^2 /NDF: 2882691010.8/11
 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: 144.672 $\pm$ 0.000 χ^2 /NDF: 6880693825.2/26
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 144.672 $\pm$ 0.000 χ^2 /NDF: 6880693825.2/26
 In: 144.497 $\pm$ 0.000 χ^2 /NDF:2882691010.8/11
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bcm_target_rms vs Slug, Sign Corrected



Right In: 0.324+/-0.000 χ^2/NDF : 1328429.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.324+/-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

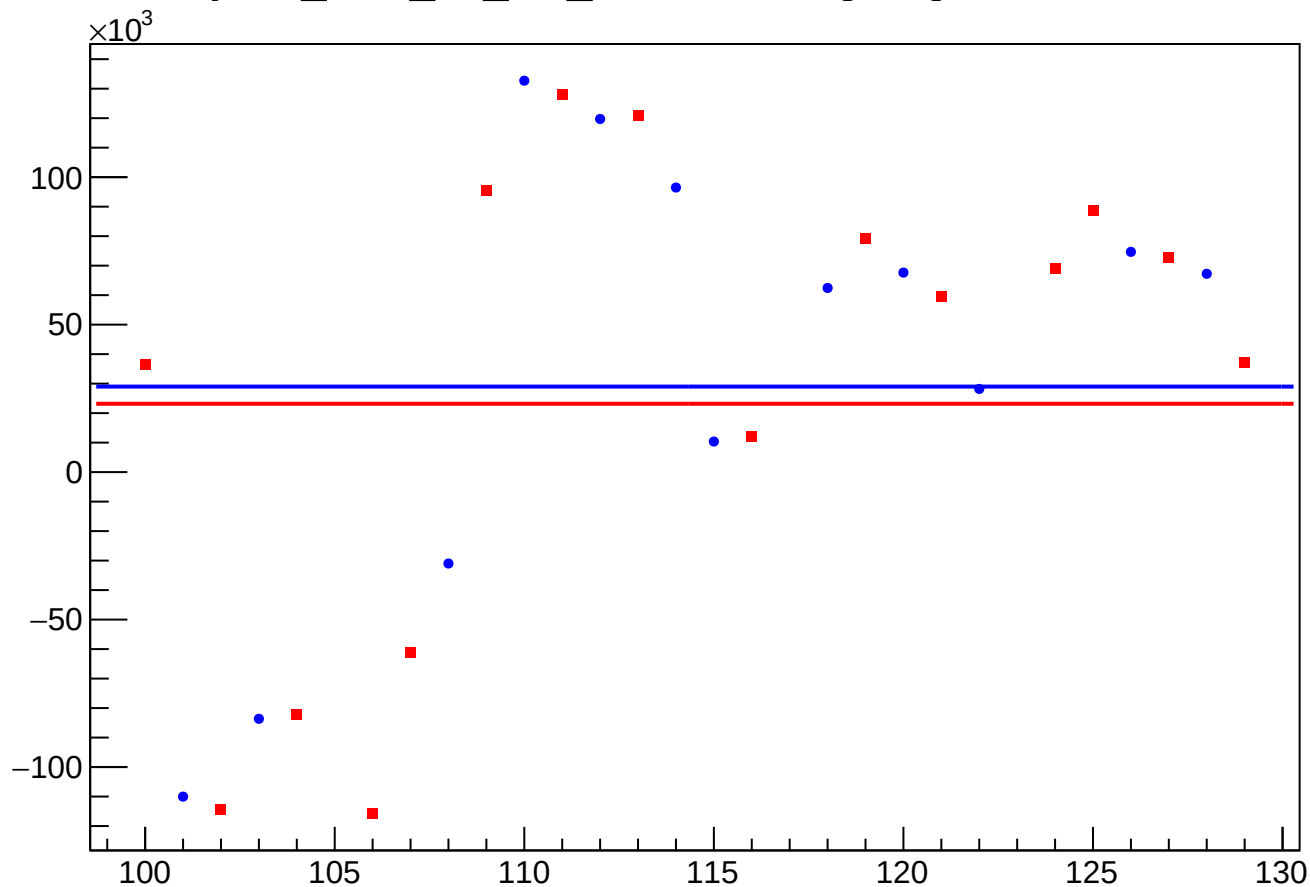
Right: 0.324+/-0.000 χ^2/NDF : 2583024.4/26

In: 0.324+/-0.000 χ^2/NDF : 1328429.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

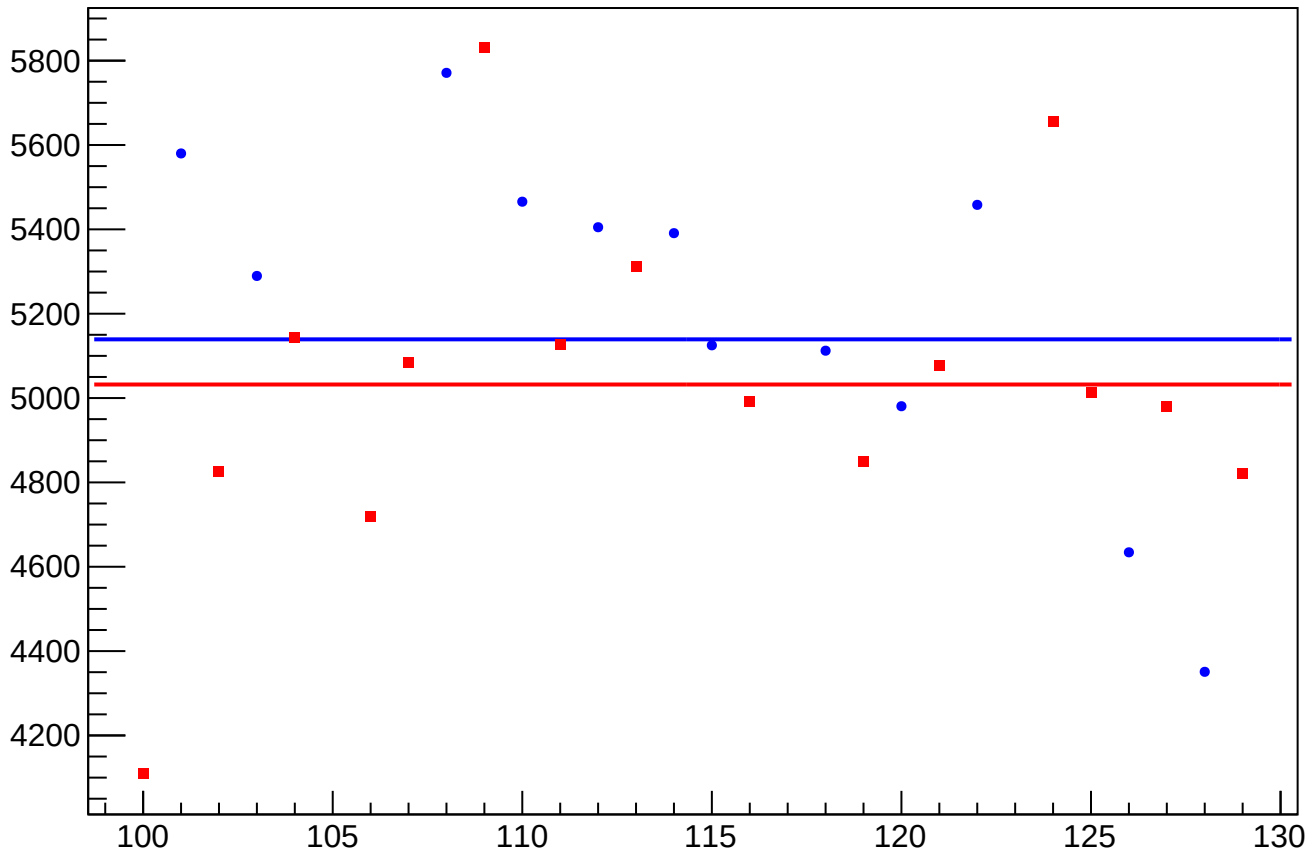
All: 0.324+/-0.000 χ^2/NDF : 2583024.4/26

yield_bcm_an_diff_mean vs Slug, Sign Corrected



Right In: 28996.386 $\pm$ 2.371 χ^2 /NDF: 1091859347.7/11
 Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0
 Right Out: 23171.362 $\pm$ -2.122 χ^2 /NDF: 1678484513.2/14
 Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0
 In: 28996.386 $\pm$ -2.371 χ^2 /NDF:1091859347.7/11
 Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0
 All: 25762.824 $\pm$ -1.581 χ^2 /NDF: 2773695381.4/2

yield_bcm_an_diff_rms vs Slug, Sign Corrected



Right In: 5139.191+/-1.676 χ^2/NDF : 67810.9/11

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

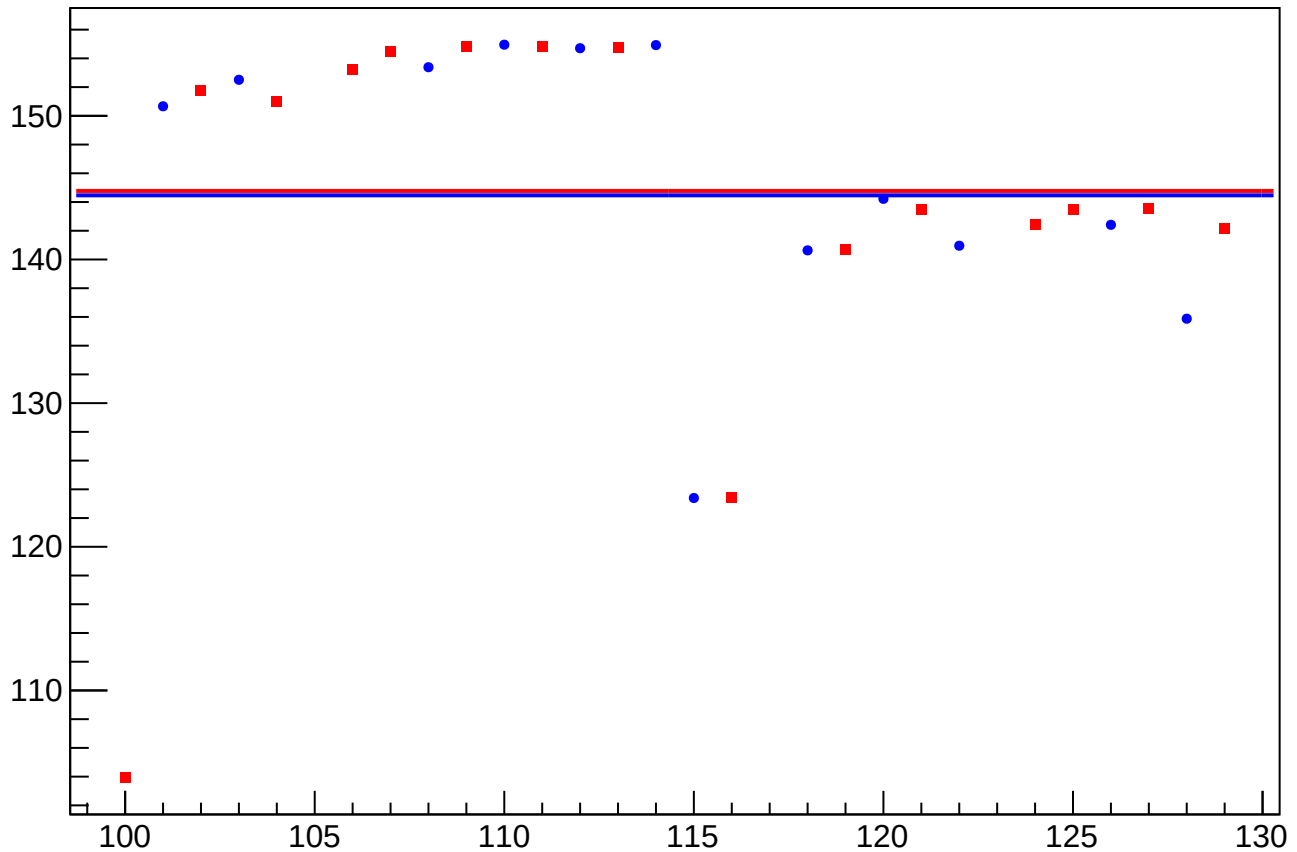
Right: 5079.758+/-1.118 χ^2/NDF : 111069.3/26

In: 5139.191+/-1.676 χ^2/NDF : 67810.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

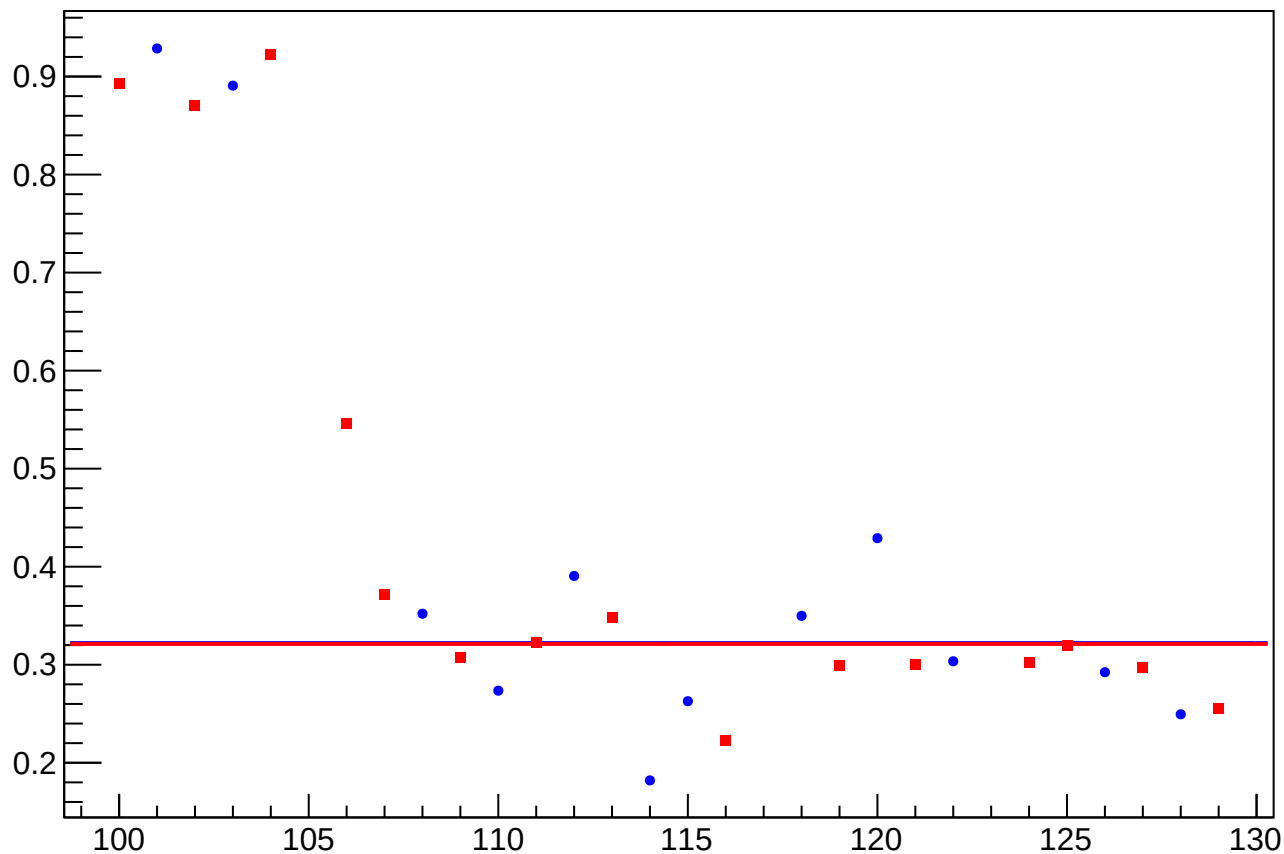
All: 5079.758+/-1.118 χ^2/NDF : 111069.3/26

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 144.467+/-0.000 χ^2/NDF : 2903424982.7/11
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 144.634+/-0.000 χ^2/NDF : 6927459307.2/26
 Right Out: 144.772+/-0.000 χ^2/NDF : 4022128929.6/14
 In: 144.467+/-0.000 χ^2/NDF : 2903424982.7/11
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 144.634+/-0.000 χ^2/NDF : 6927459307.2

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.322+/-0.000 χ^2/NDF : 1331473.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.321+/-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

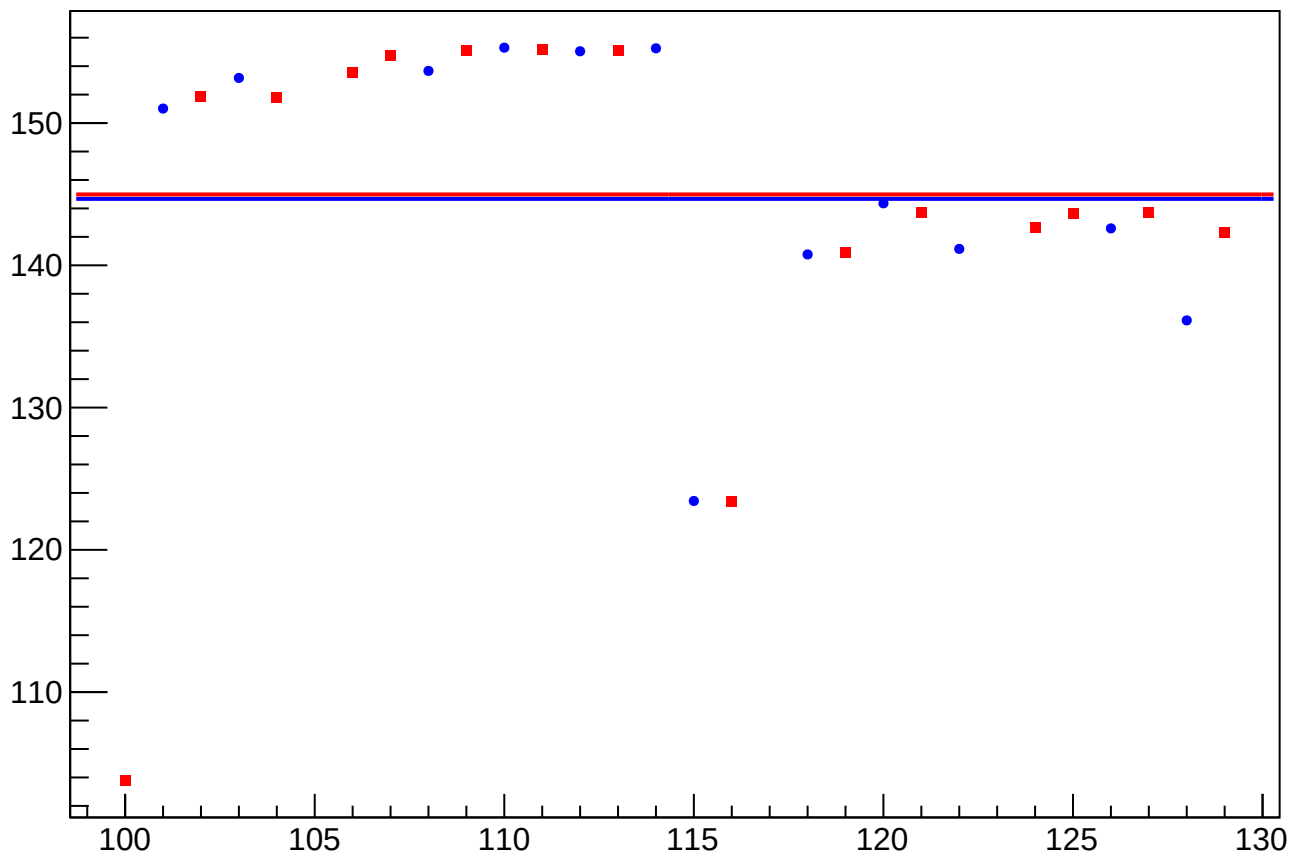
Right: 0.322+/-0.000 χ^2/NDF : 2584184.8/26

In: 0.322+/-0.000 χ^2/NDF : 1331473.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

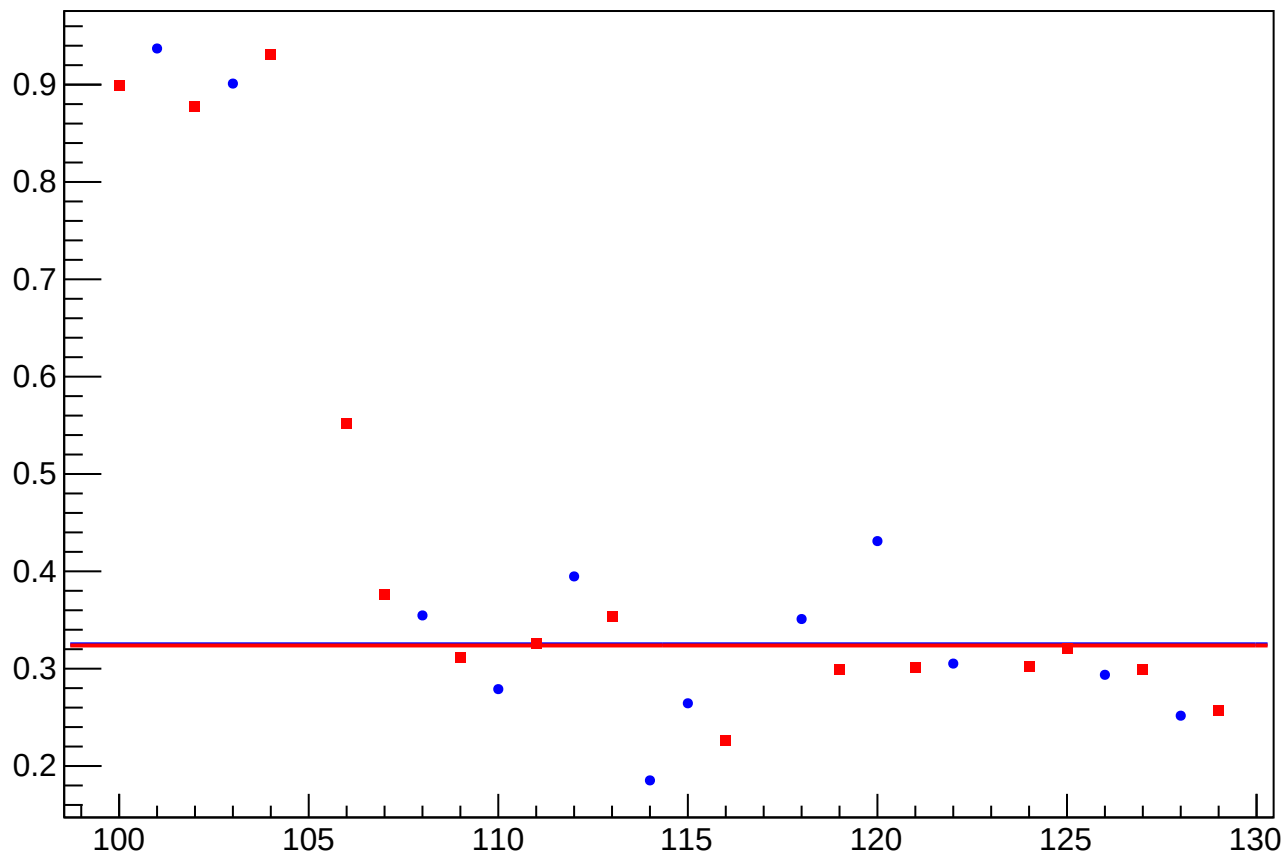
All: 0.322+/-0.000 χ^2/NDF : 2584184.8/26

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 144.671+/-0.000 χ^2/NDF : 2893312658.5/11
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 144.841+/-0.000 χ^2/NDF : 6903374742.9/26
 Right Out: 144.982+/-0.000 χ^2/NDF : 4008121123.7/14
 In: 144.671+/-0.000 χ^2/NDF : 2893312658.5/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 144.841+/-0.000 χ^2/NDF : 6903374742.9

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.325+/-0.000 χ^2/NDF : 1326592.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.324+/-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

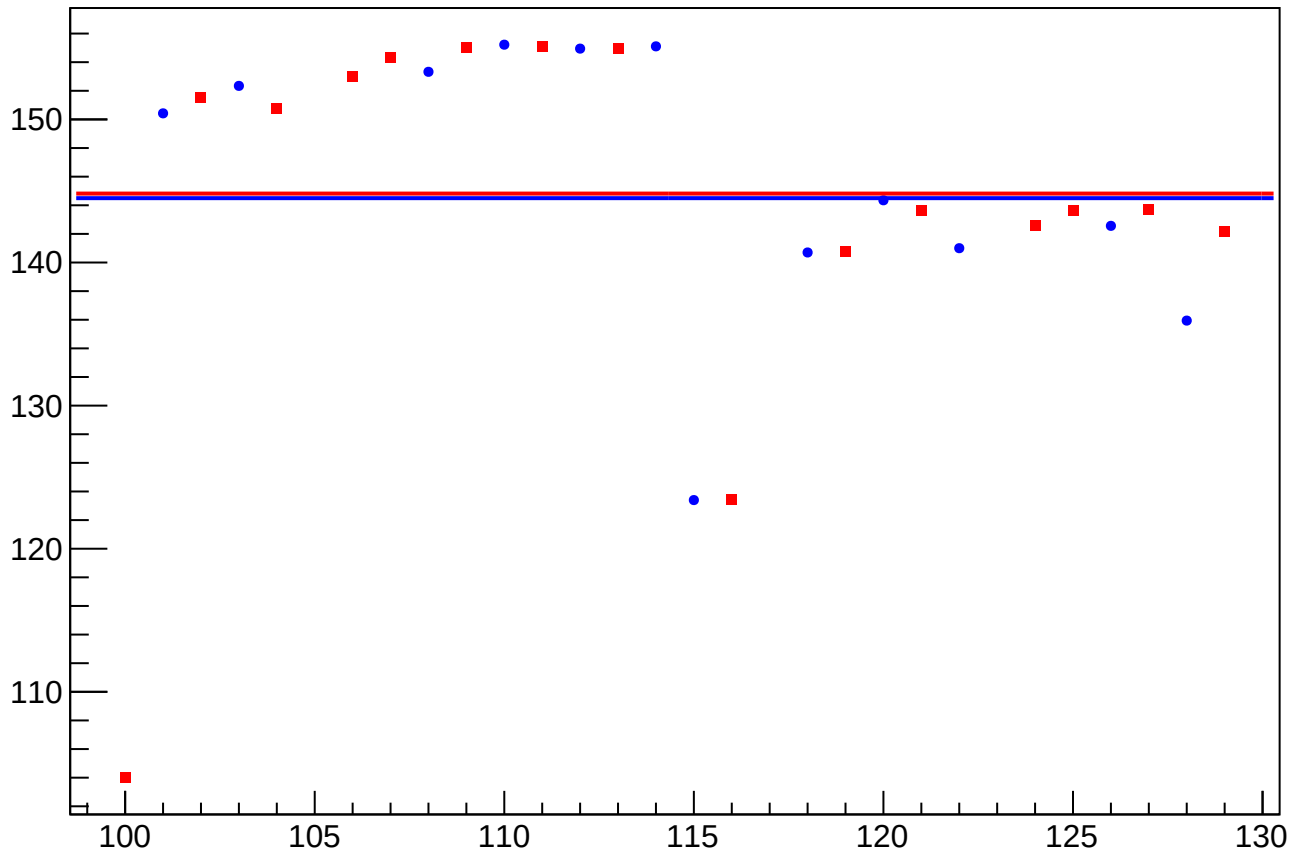
Right: 0.324+/-0.000 χ^2/NDF : 2579670.1/26

In: 0.325+/-0.000 χ^2/NDF : 1326592.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.324+/-0.000 χ^2/NDF : 2579670.1/26

yield_bcm_an_us_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 144.672+/-0.000 χ^2/NDF : 6880693825.2/26

In: 144.497+/-0.000 χ^2/NDF : 2882691010.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.672+/-0.000 χ^2/NDF : 6880693825.2

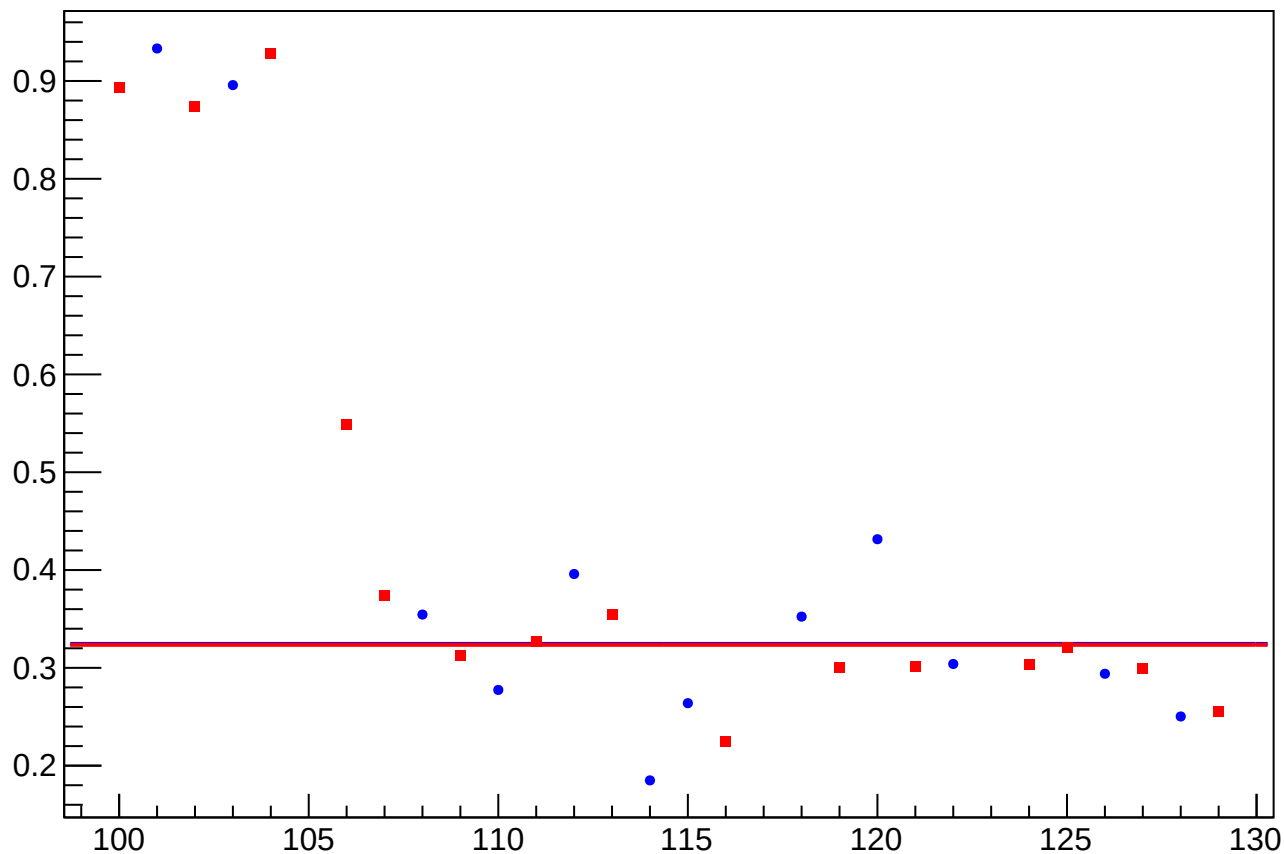
Right In: 144.497+/-0.000 χ^2/NDF : 2882691010.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.818+/-0.000 χ^2/NDF : 3995938517.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.324+/-0.000 χ^2/NDF : 1328429.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.324+/-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

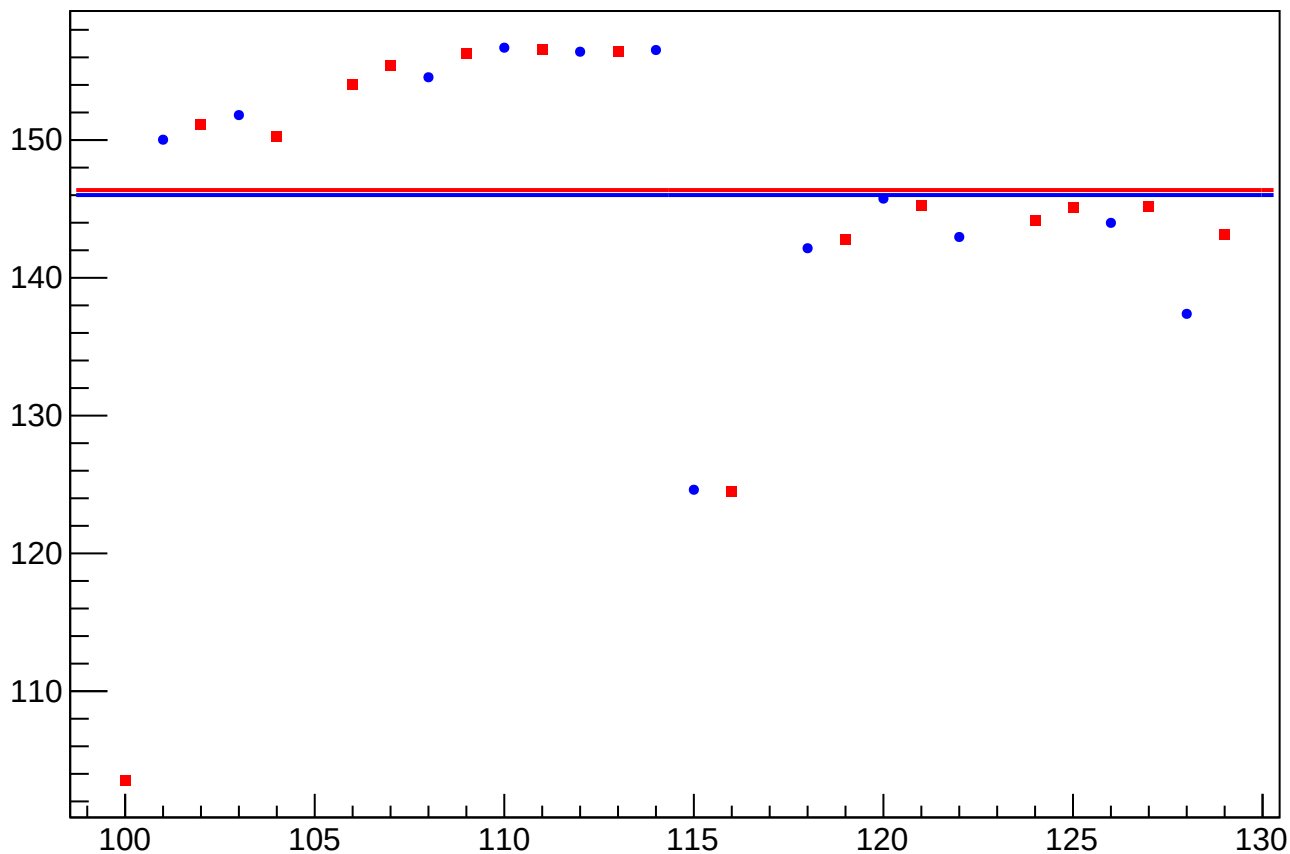
Right: 0.324+/-0.000 χ^2/NDF : 2583024.4/26

In: 0.324+/-0.000 χ^2/NDF : 1328429.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

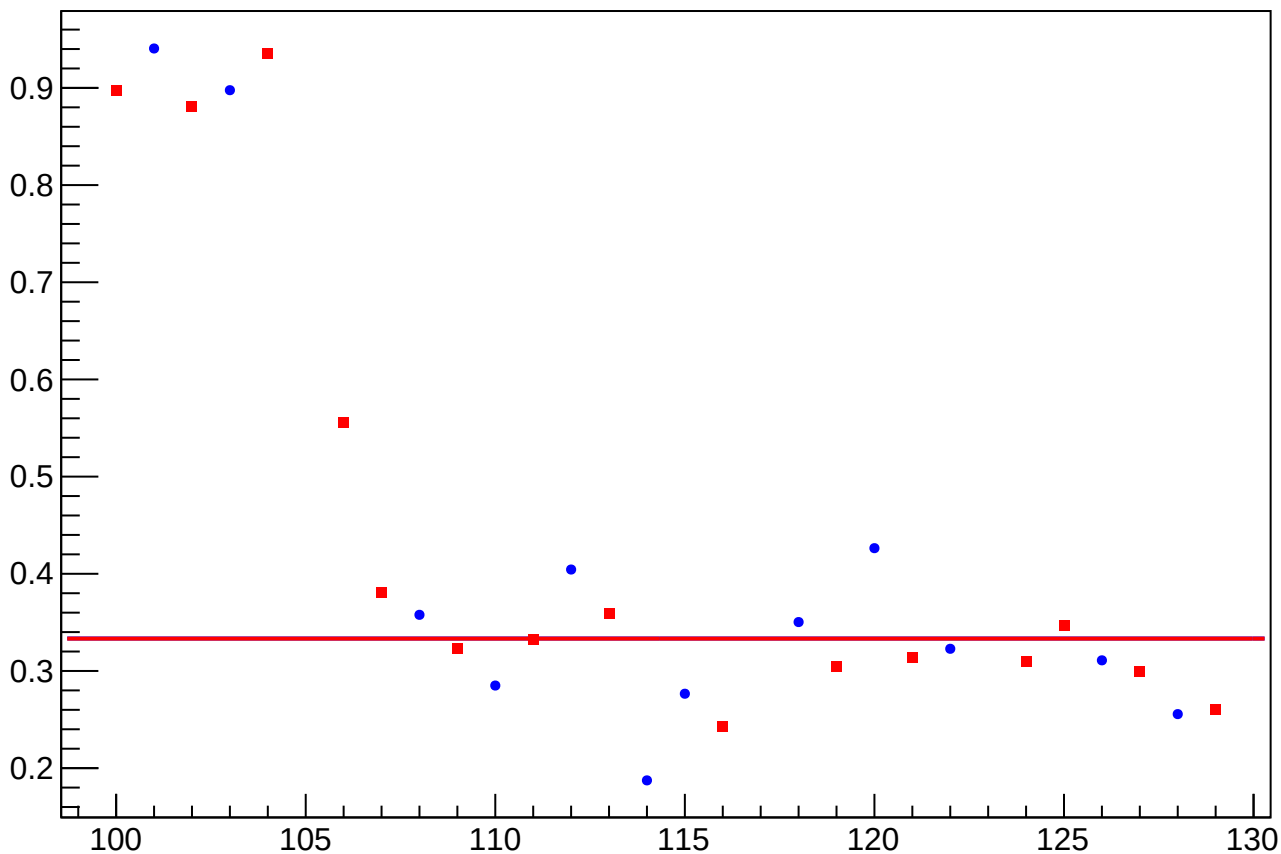
All: 0.324+/-0.000 χ^2/NDF : 2583024.4/26

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 146.007 $\pm$ 0.000 χ^2 /NDF: 2684321713.4/11
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 146.370 $\pm$ 0.000 χ^2 /NDF: 3622598742.8/14
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 146.205 $\pm$ 0.000 χ^2 /NDF: 6309437336.6
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 146.205 $\pm$ 0.000 χ^2 /NDF: 6309437336.6/26
 In: 146.007 $\pm$ 0.000 χ^2 /NDF:2684321713.4/11
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.333+/-0.000 χ^2/NDF : 1289563.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.333+/-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

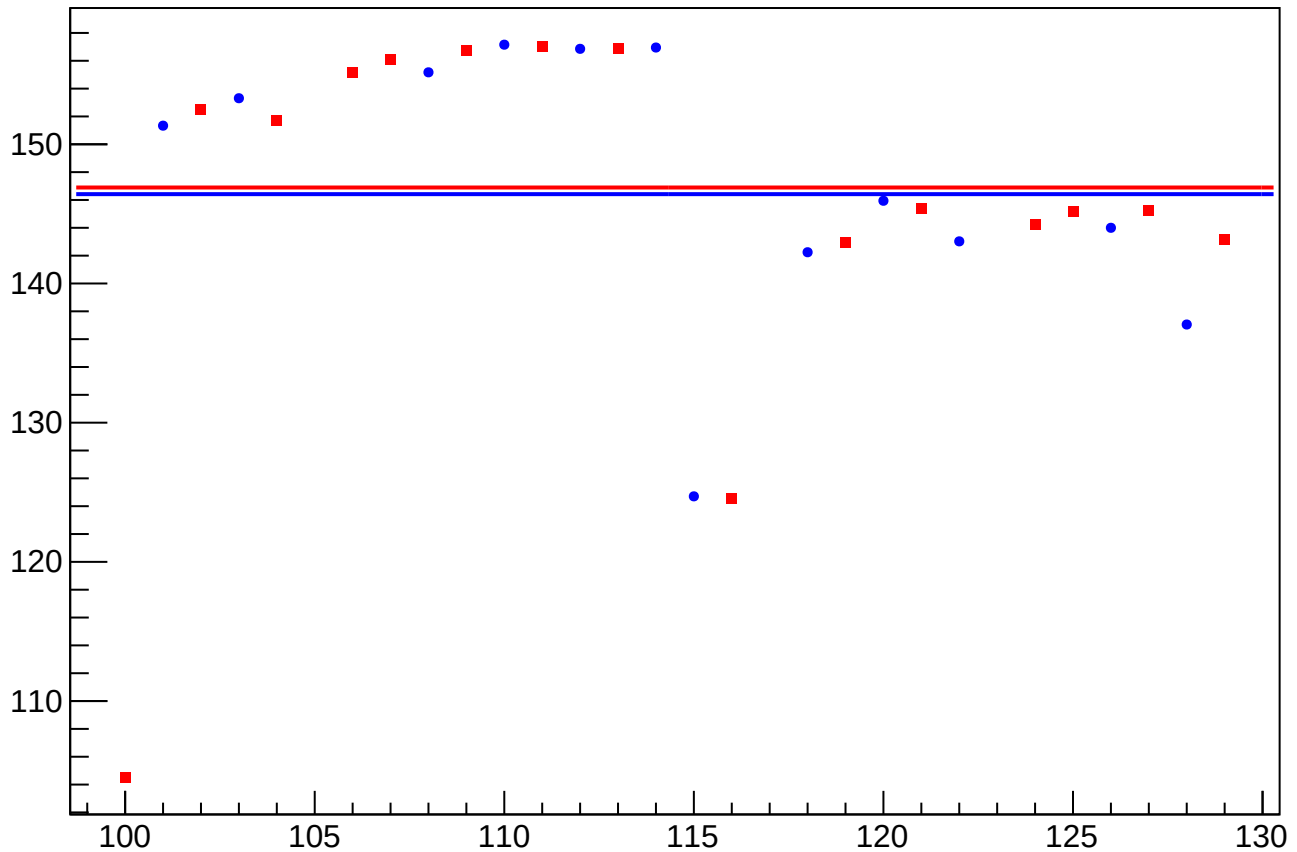
Right: 0.333+/-0.000 χ^2/NDF : 2501237.2/26

In: 0.333+/-0.000 χ^2/NDF : 1289563.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

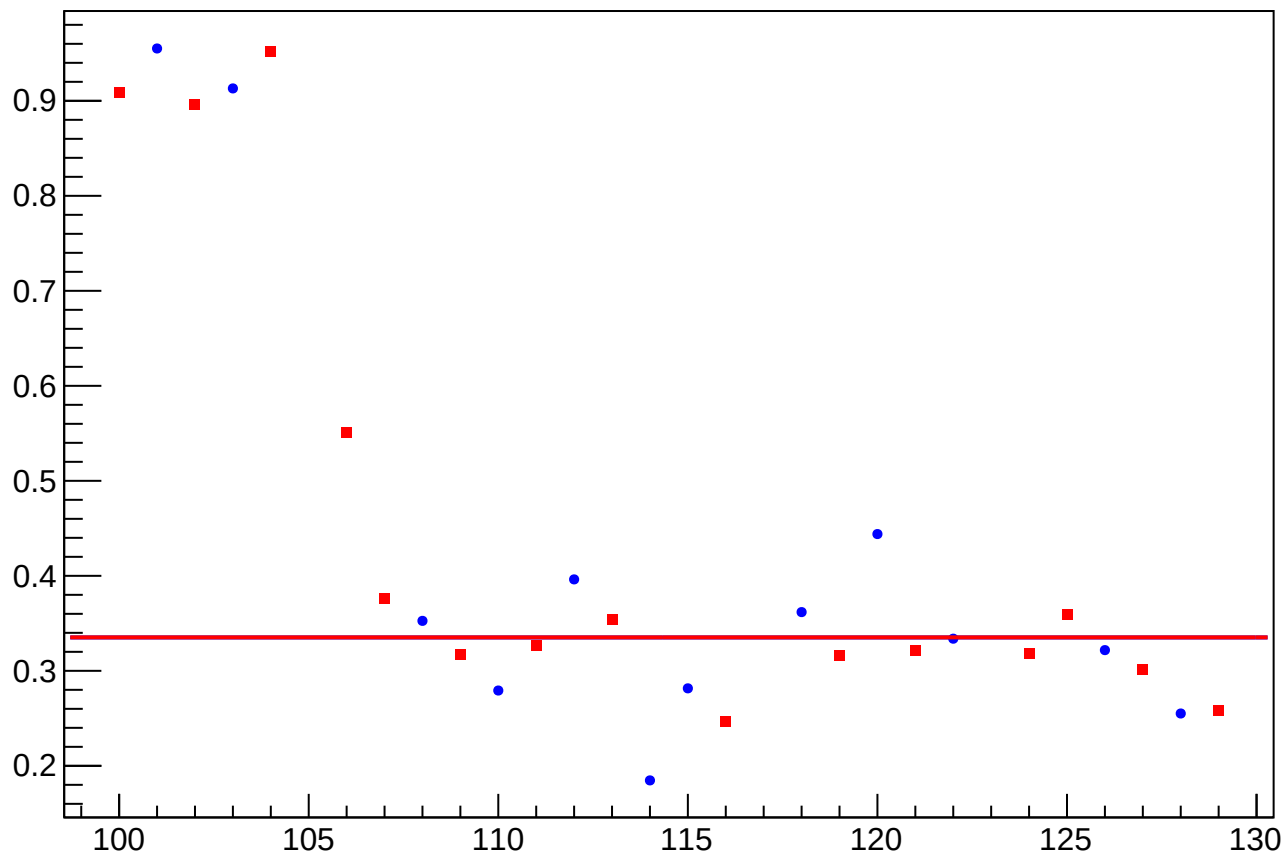
All: 0.333+/-0.000 χ^2/NDF : 2501237.2/26

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right In: 146.418+/-0.000 χ^2/NDF : 2867527544.5/11
 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
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 146.678+/-0.000 χ^2/NDF : 6585917204.6/26

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.335+/-0.000 χ^2/NDF : 1321989.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.335+/-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

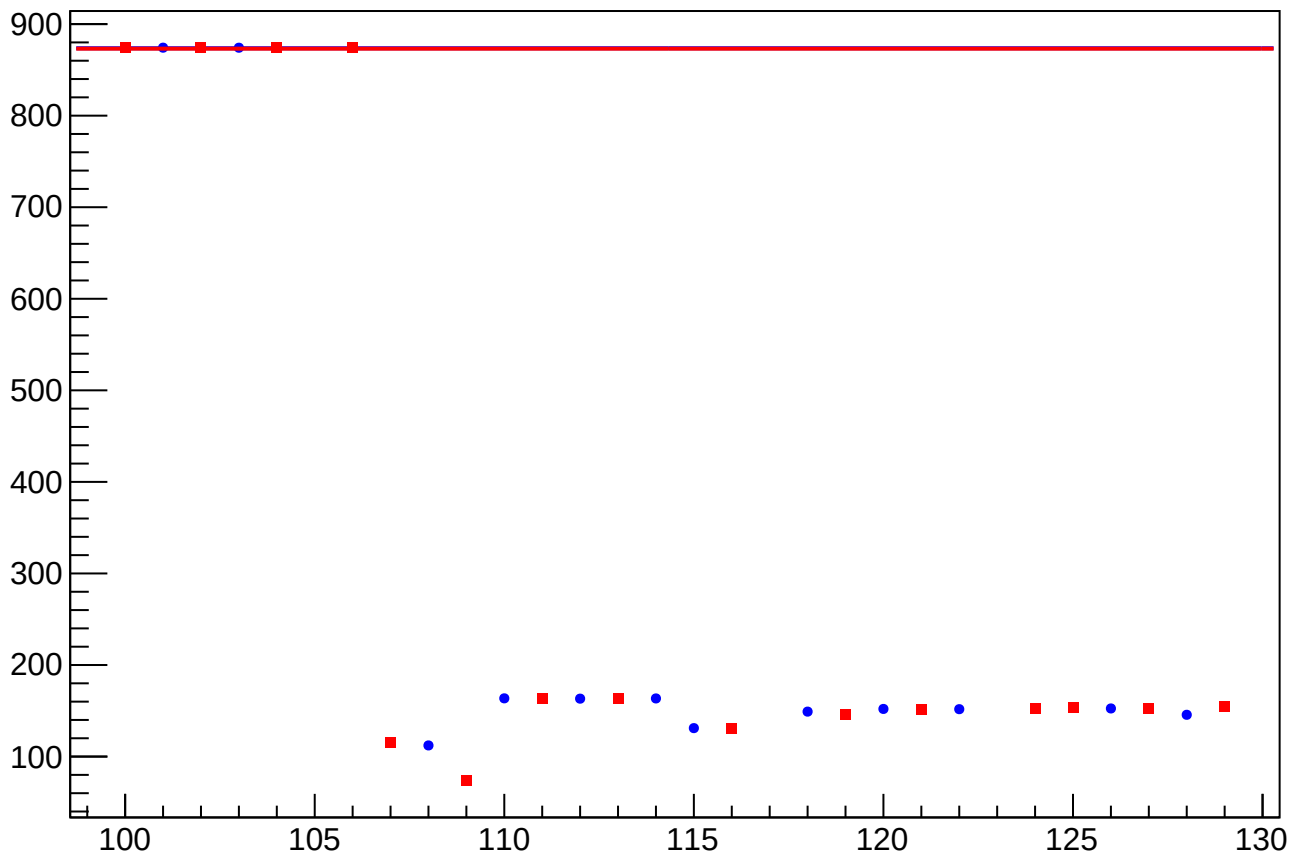
Right: 0.335+/-0.000 χ^2/NDF : 2535349.2/26

In: 0.335+/-0.000 χ^2/NDF : 1321989.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

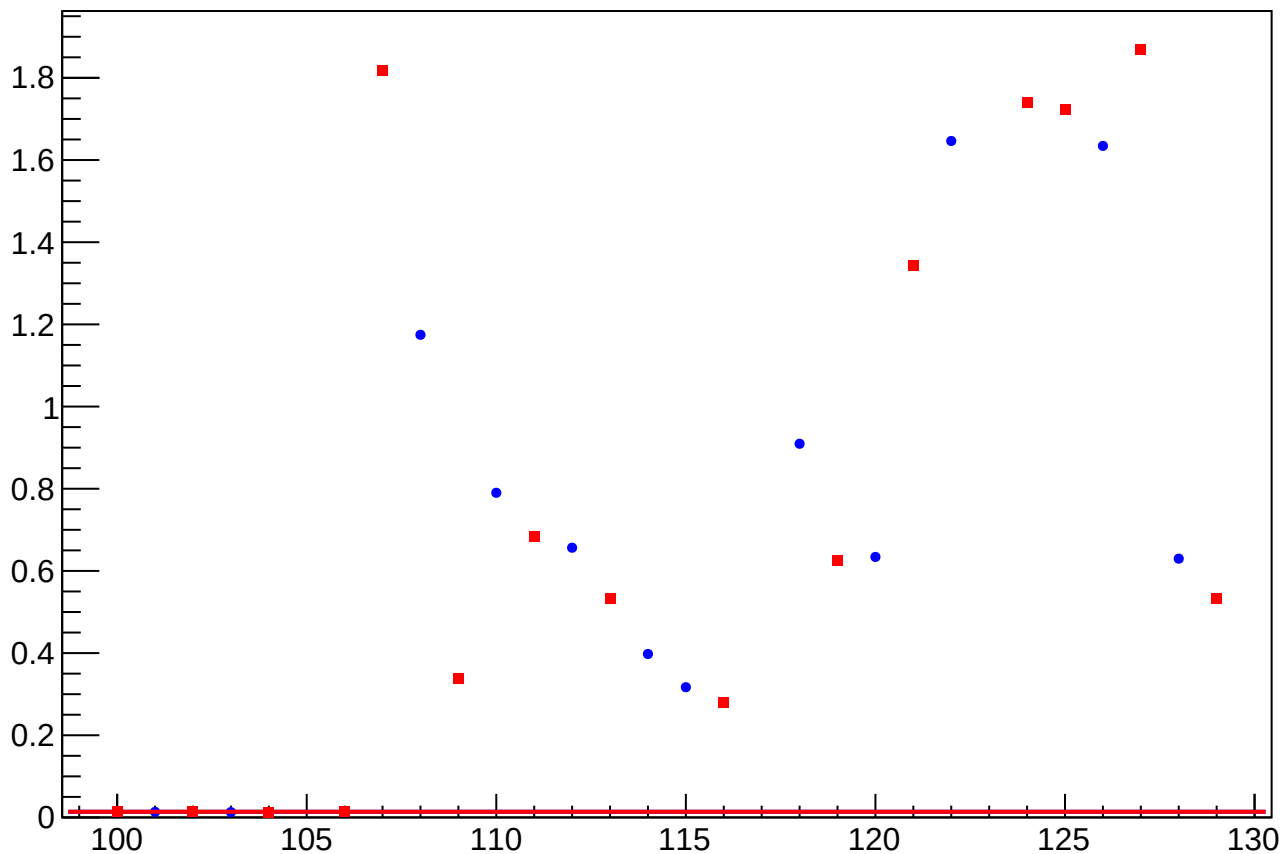
All: 0.335+/-0.000 χ^2/NDF : 2535349.2/26

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 873.616+/-0.000 χ^2/NDF : 3143074158411.4/11
 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: 873.378+/-0.000 χ^2/NDF : 9391264378056.4/11
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 873.378+/-0.000 χ^2/NDF : 9391264378056.4/11
 In: 873.616+/-0.000 χ^2/NDF : 3143074158411.4/11
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.000 χ^2 /NDF: 5838363.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.014 $\pm$ 0.000 χ^2 /NDF: 6702929.7/14

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

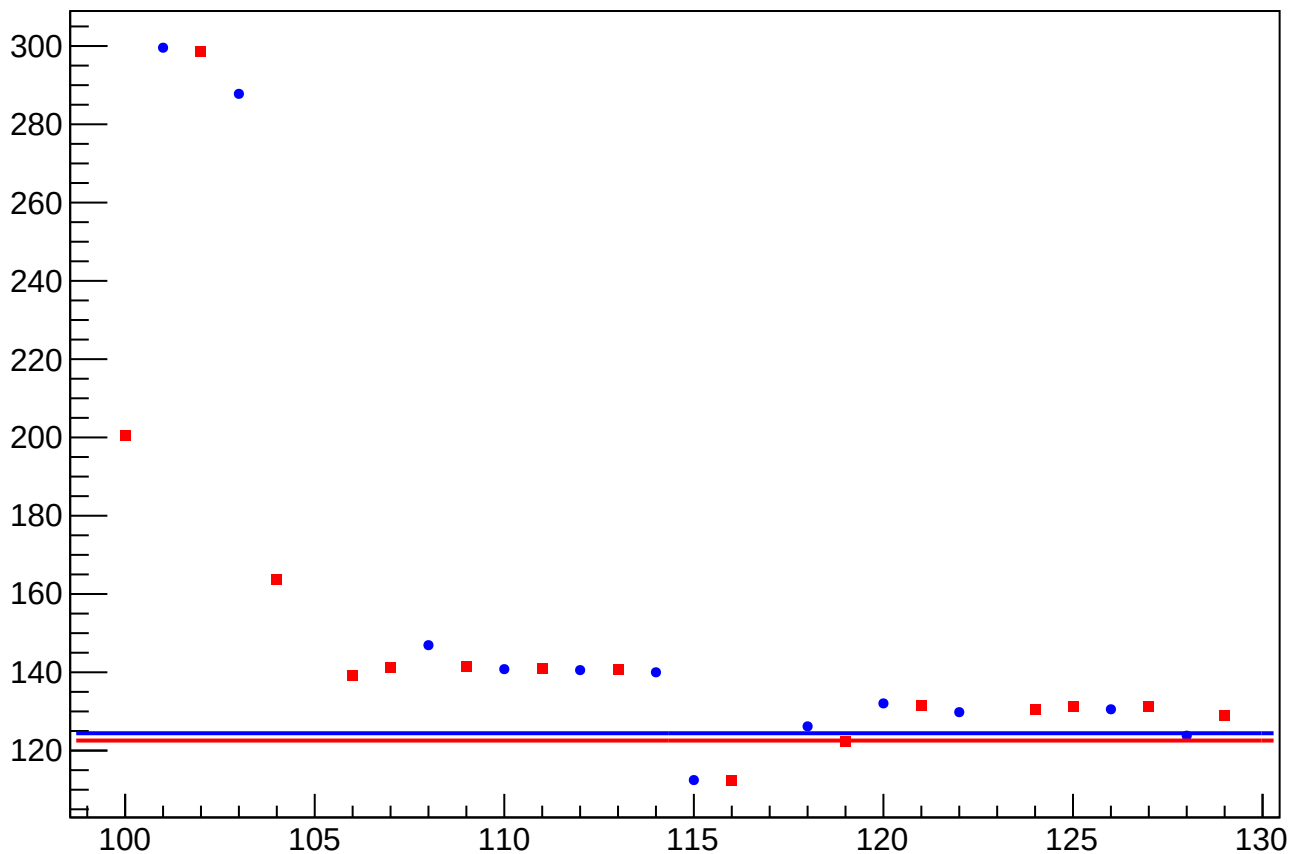
Right: 0.014 $\pm$ 0.000 χ^2 /NDF: 12541323.8/26

In: 0.014 $\pm$ 0.000 χ^2 /NDF:5838363.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.014 $\pm$ 0.000 χ^2 /NDF: 12541323.8/26

yield_cav4cQ_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 123.286+/-0.000 χ^2/NDF : 2468613798.6/26

In: 124.431+/-0.000 χ^2/NDF : 1242931058.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right In: 124.431+/-0.000 χ^2/NDF : 1242931058.0/11

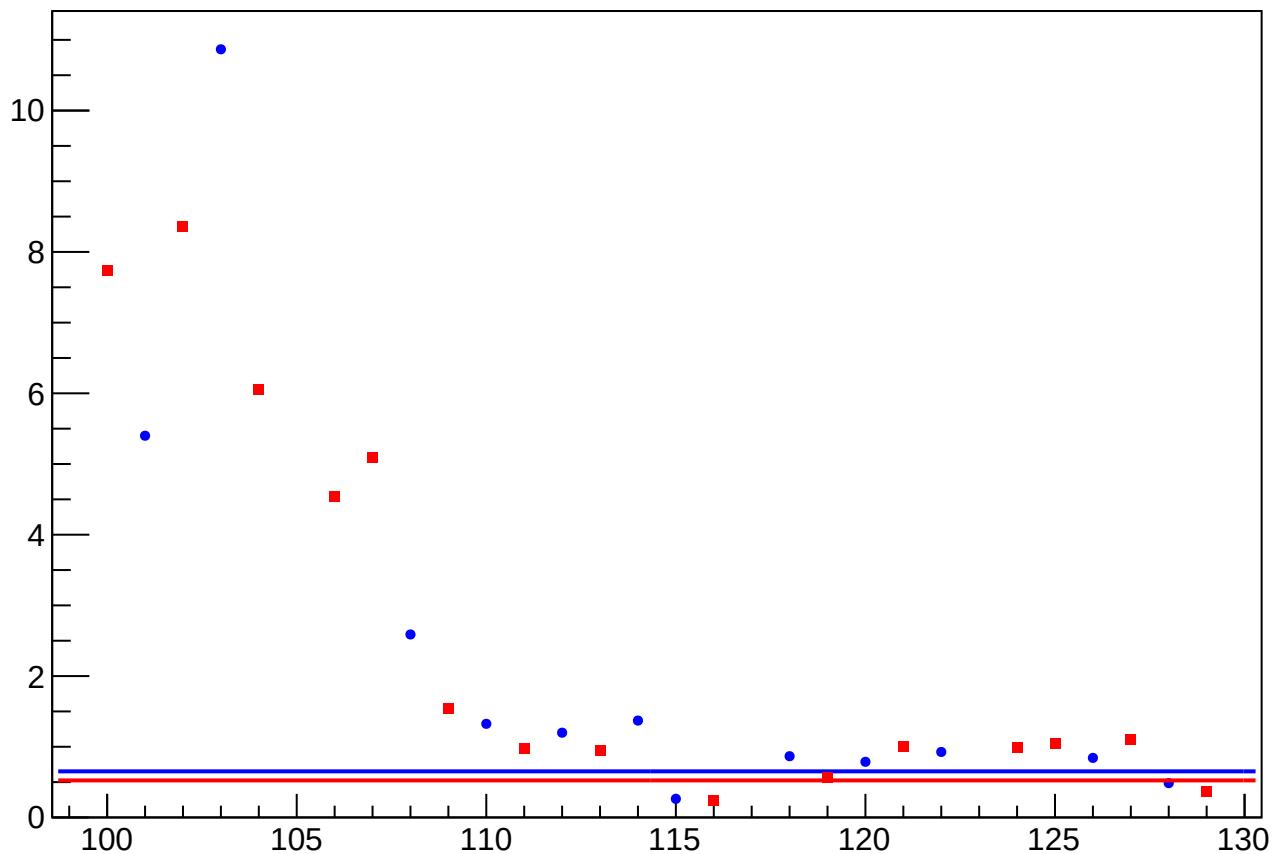
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.565+/-0.000 χ^2/NDF : 1213372333.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.286+/-0.000 χ^2/NDF : 2468613798.6

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.652+/-0.000 χ^2/NDF : 3546677.0/11

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

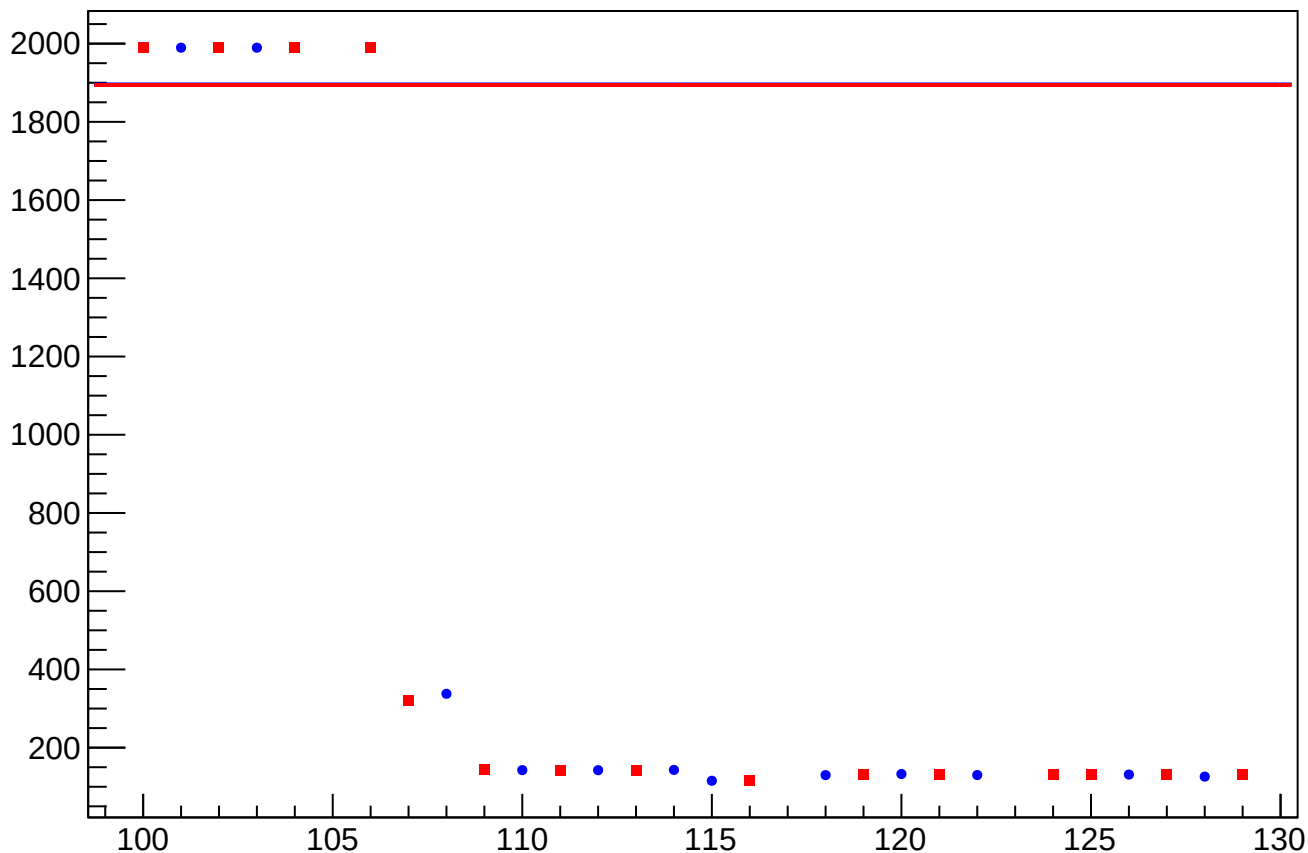
Right: 0.574+/-0.000 χ^2/NDF : 8374306.5/26

In: 0.652+/-0.000 χ^2/NDF : 3546677.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.574+/-0.000 χ^2/NDF : 8374306.5/26

yield_cav4dQ_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 1895.579+/-0.000 χ^2 /NDF: 91611552638555.2/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 1894.820+/-0.000 χ^2 /NDF: 20180998107107

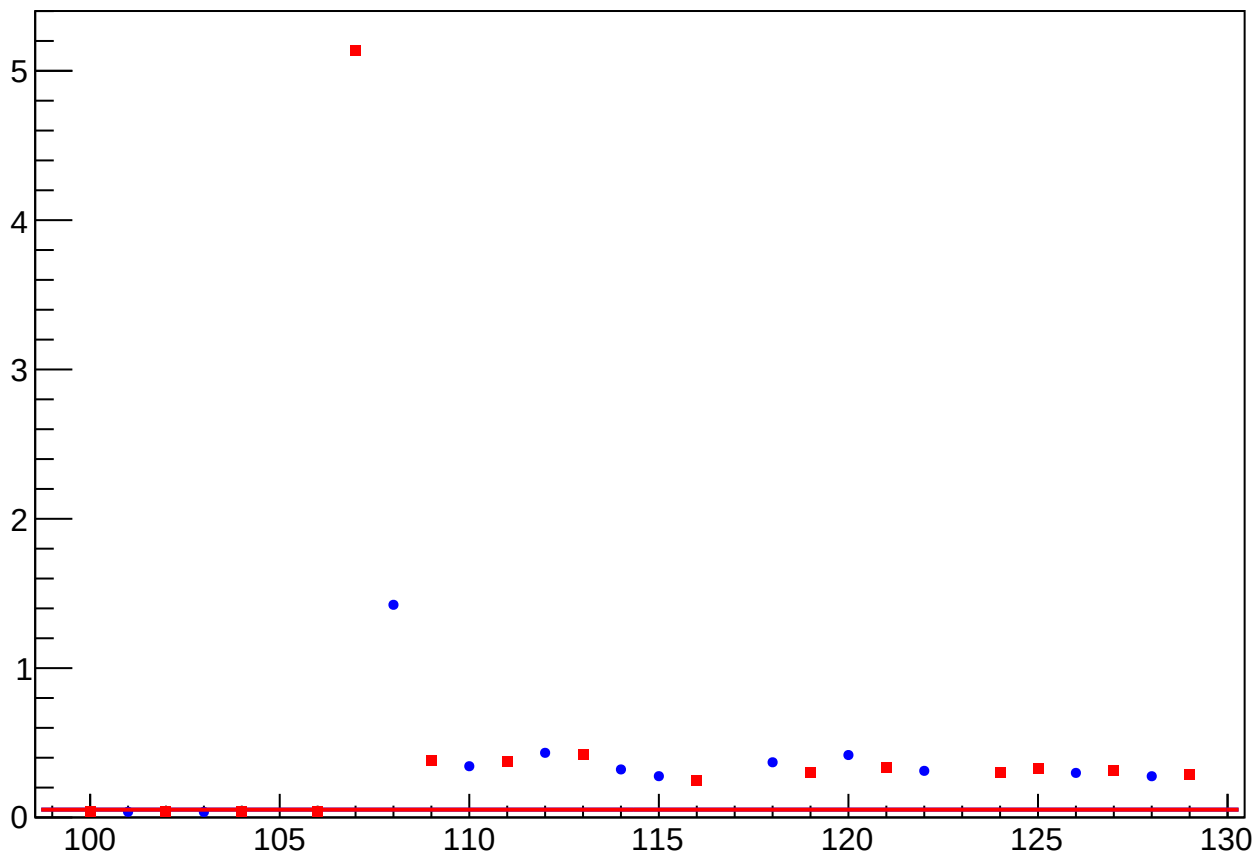
In: 1895.579+/-0.000 χ^2 /NDF: 91611552638555.2

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1894.820+/-0.000 χ^2 /NDF: 20180998107107

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.053+/-0.000 χ^2/NDF : 5202703.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.052+/-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

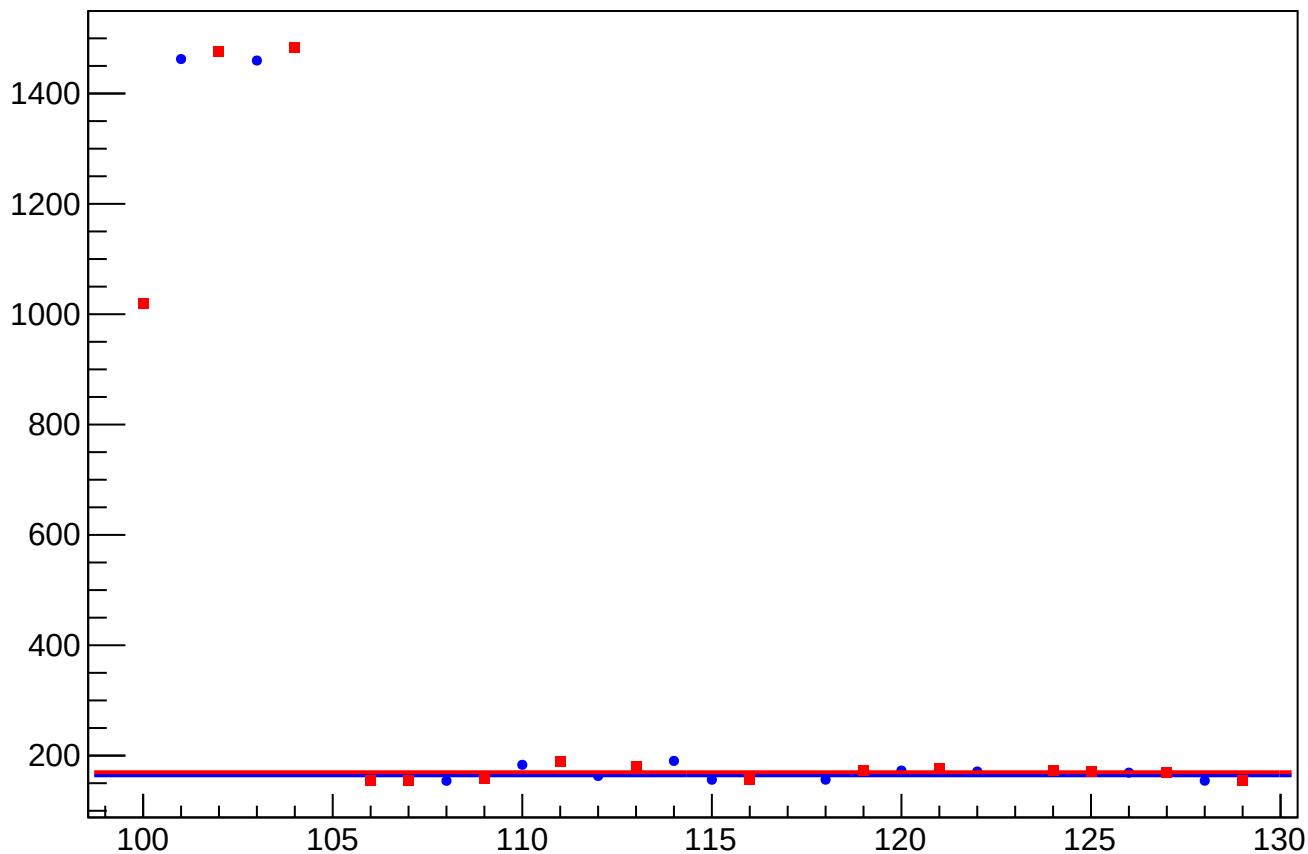
Right: 0.052+/-0.000 χ^2/NDF : 10775865.5/26

In: 0.053+/-0.000 χ^2/NDF : 5202703.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.052+/-0.000 χ^2/NDF : 10775865.5/26

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 164.359+/-0.001 χ^2/NDF : 14456339288.4/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

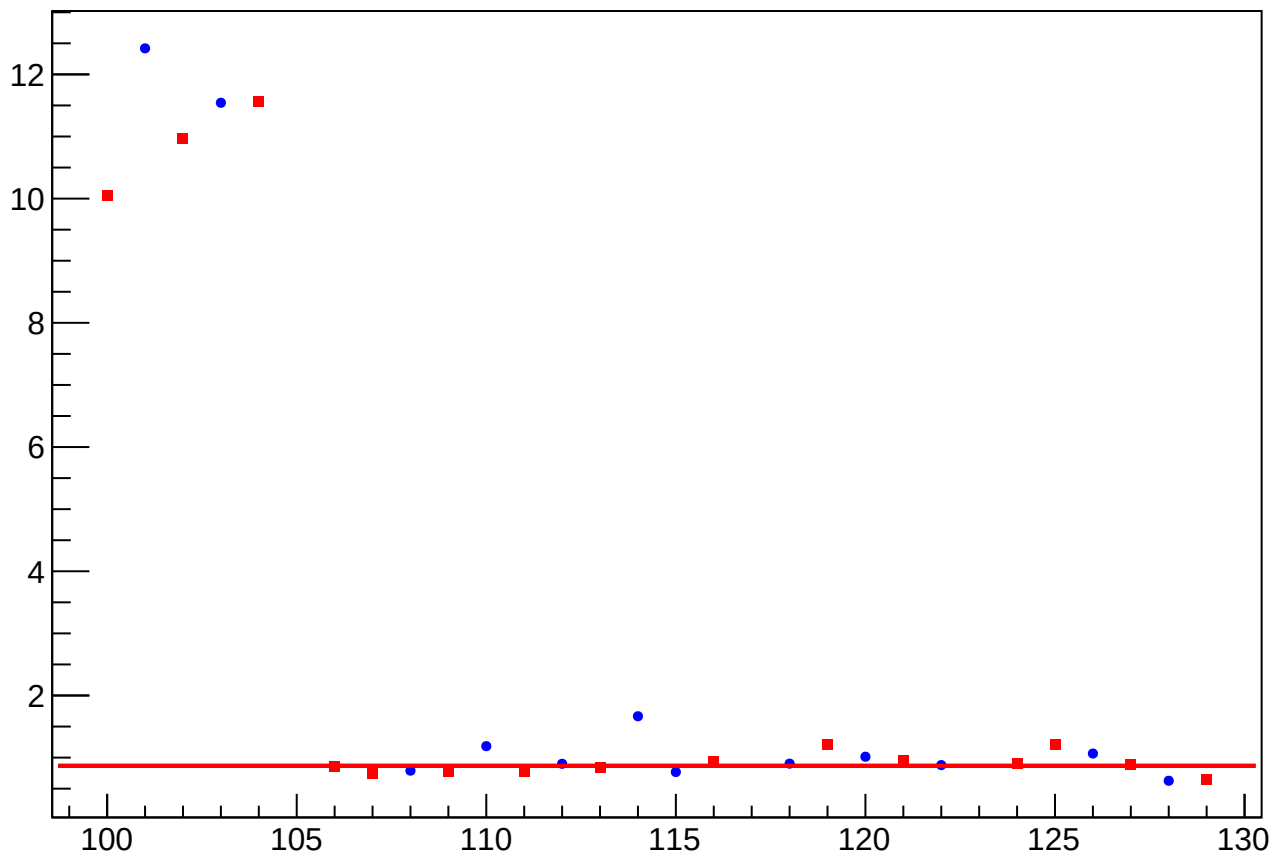
Right: 167.294+/-0.000 χ^2/NDF : 30695425620.4/26

In: 164.359+/-0.001 χ^2/NDF : 14456339288.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.294+/-0.000 χ^2/NDF : 30695425620.4/26

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.869+/-0.000 χ^2/NDF : 2292838.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.868+/-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

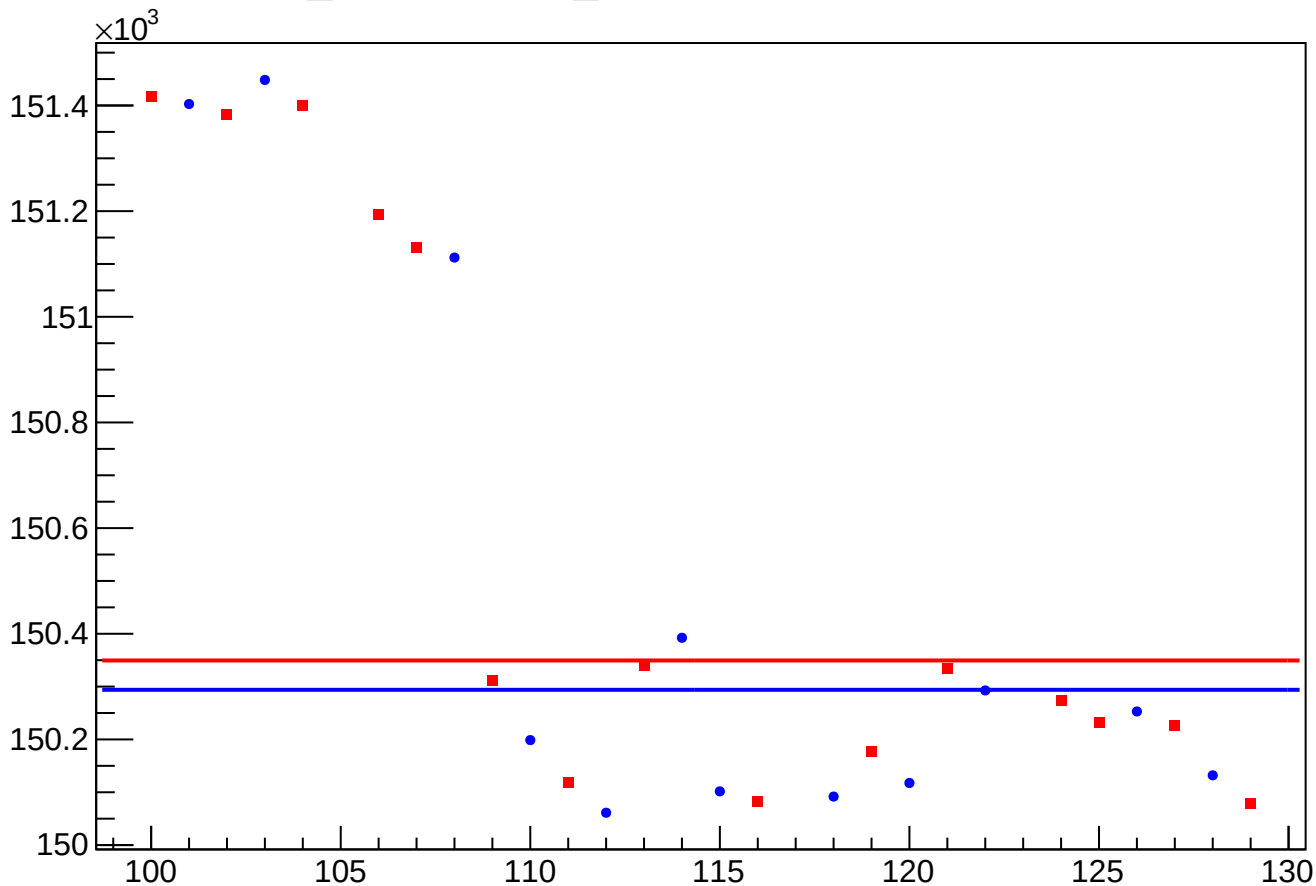
Right: 0.868+/-0.000 χ^2/NDF : 4473122.1/26

In: 0.869+/-0.000 χ^2/NDF : 2292838.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.868+/-0.000 χ^2/NDF : 4473122.1/26

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 150293.923 $\pm$ 0.063 χ^2 /NDF: 33745381.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 150349.477 $\pm$ 0.056 χ^2 /NDF: 37448402.0/14

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

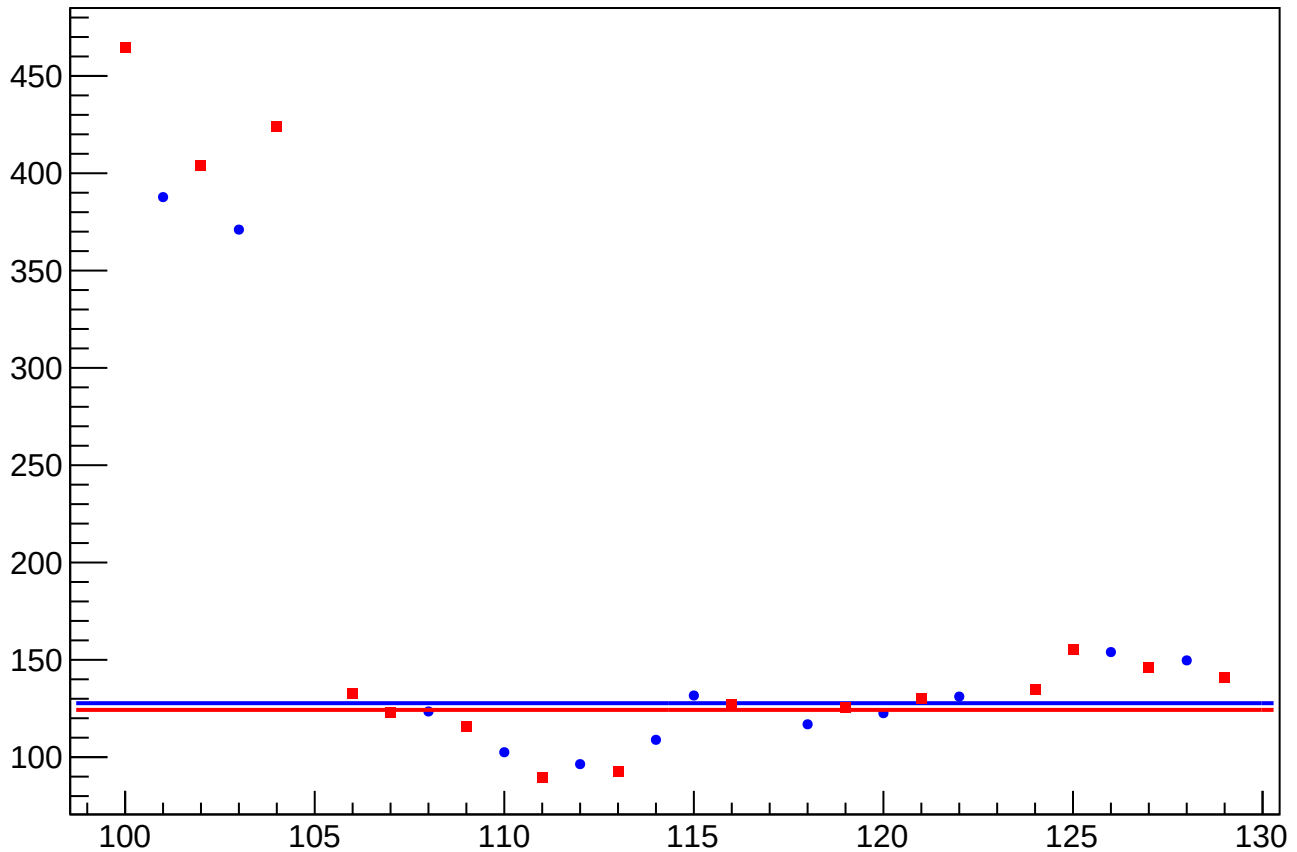
Right: 150325.094 $\pm$ 0.042 χ^2 /NDF: 71630803.2/26

In: 150293.923 $\pm$ 0.063 χ^2 /NDF:33745381.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 150325.094 $\pm$ 0.042 χ^2 /NDF: 71630803.2/26

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 127.728 $\pm$ 0.045 χ^2 /NDF: 1273466.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 124.285 $\pm$ 0.039 χ^2 /NDF: 1513685.3/14

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

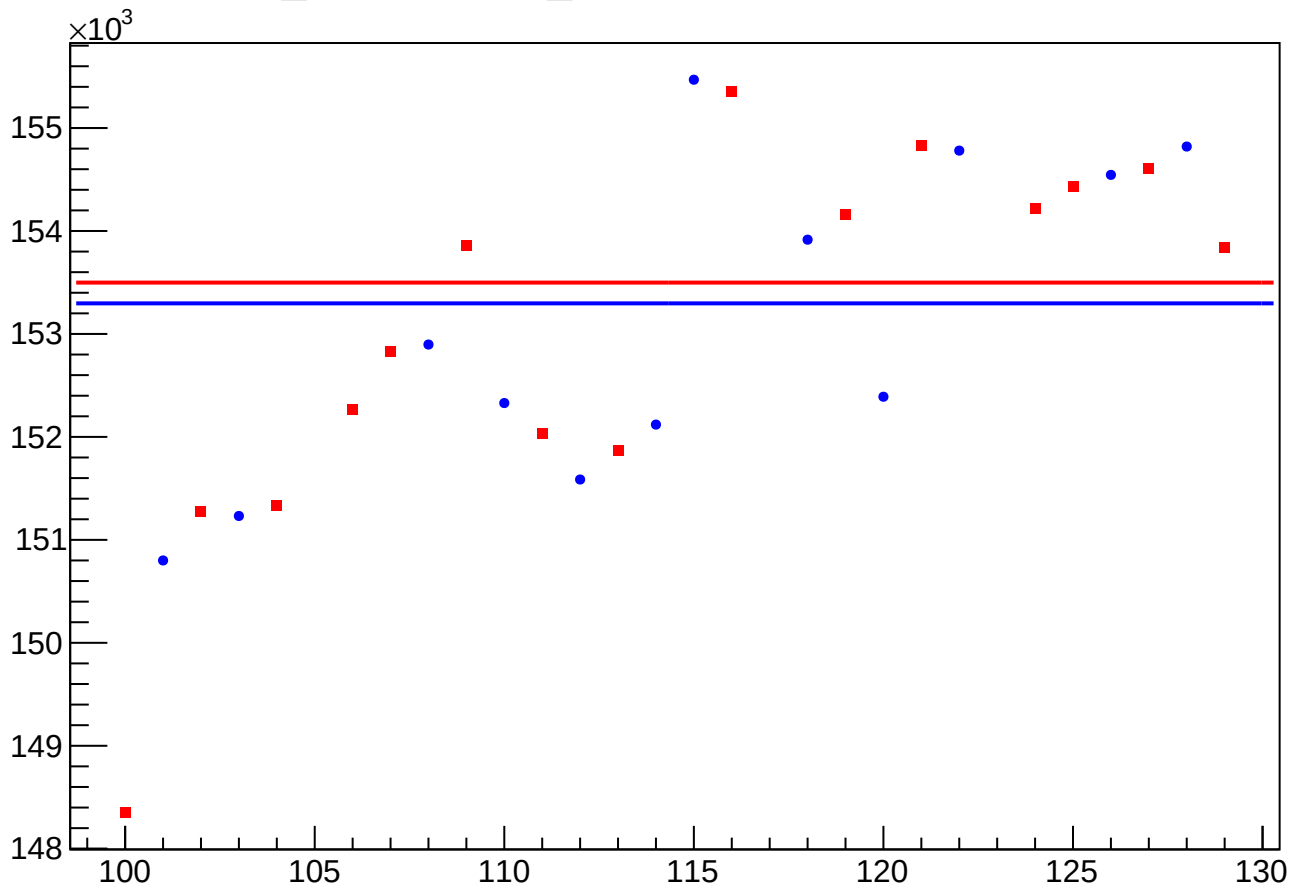
Right: 125.796 $\pm$ 0.029 χ^2 /NDF: 2790510.8/26

In: 127.728 $\pm$ 0.045 χ^2 /NDF:1273466.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 125.796 $\pm$ 0.029 χ^2 /NDF: 2790510.8/26

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 153297.042+/-0.091 χ^2 /NDF: 224765246.2/11

Right: 153417.517+/-0.058 χ^2 /NDF: 484012090.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 153498.776+/-0.075 χ^2 /NDF: 256324045.5/14

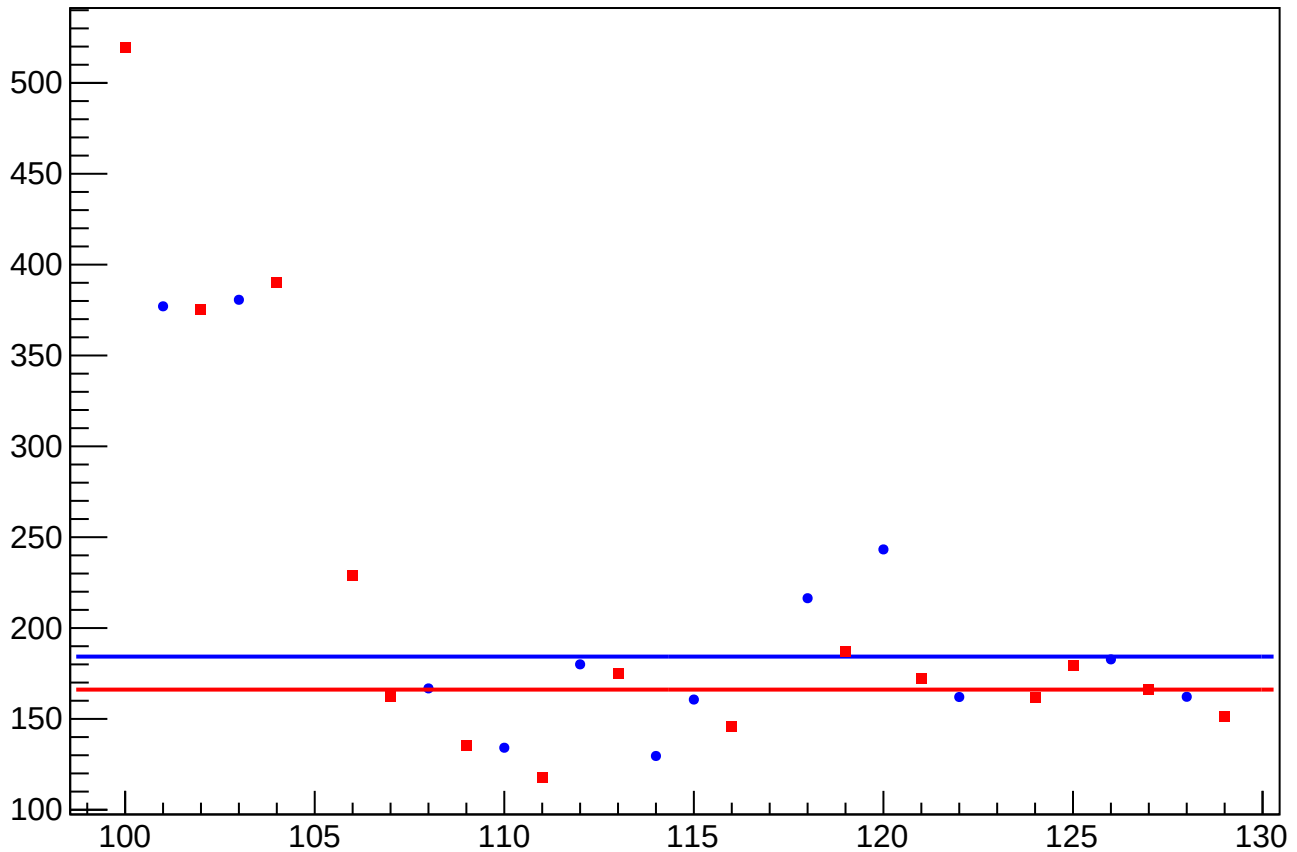
In: 153297.042+/-0.091 χ^2 /NDF: 224765246.2/11

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 153417.517+/-0.058 χ^2 /NDF: 484012090.2/2

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 184.297+/-0.064 χ^2/NDF : 892677.0/11

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

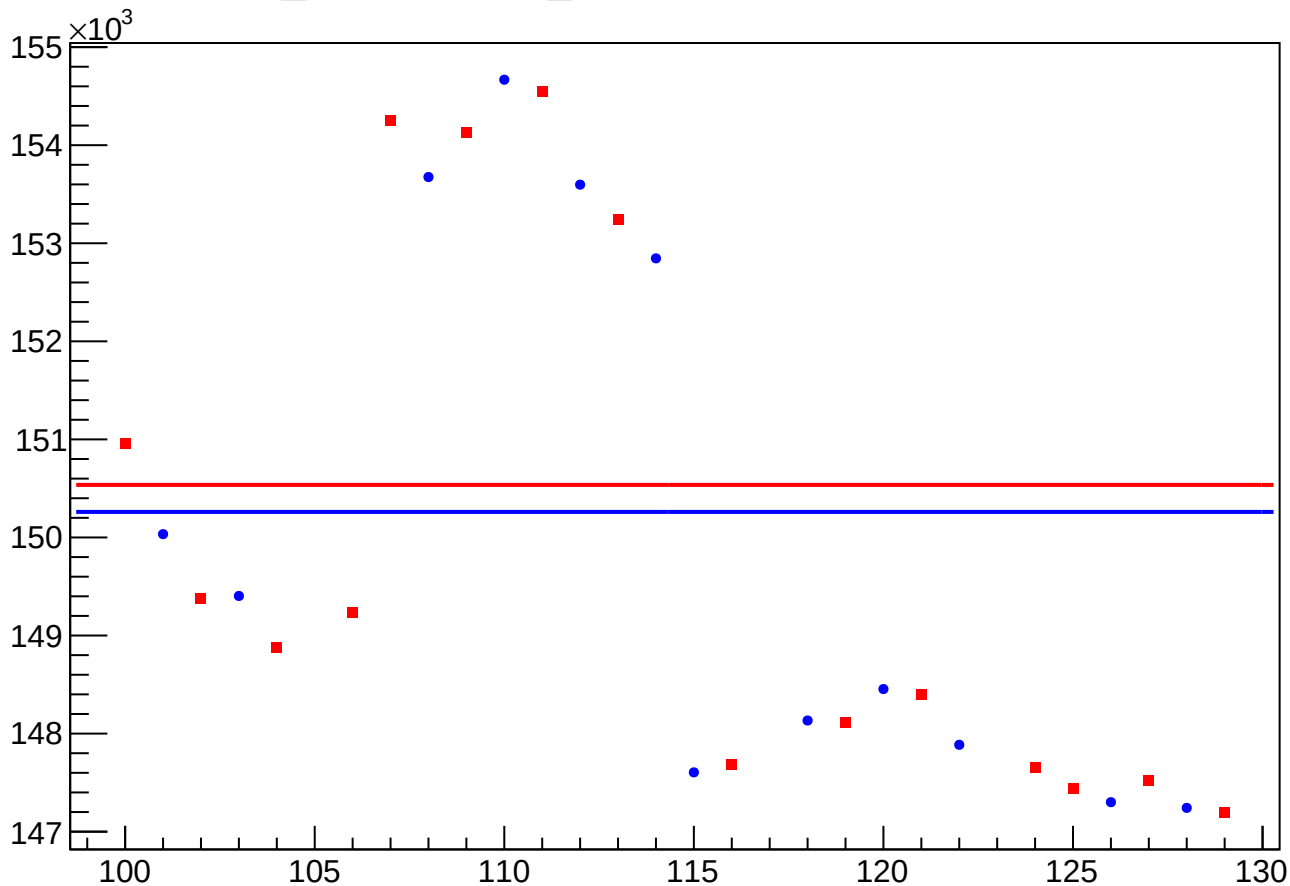
Right: 173.446+/-0.041 χ^2/NDF : 2014621.7/26

In: 184.297+/-0.064 χ^2/NDF :892677.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

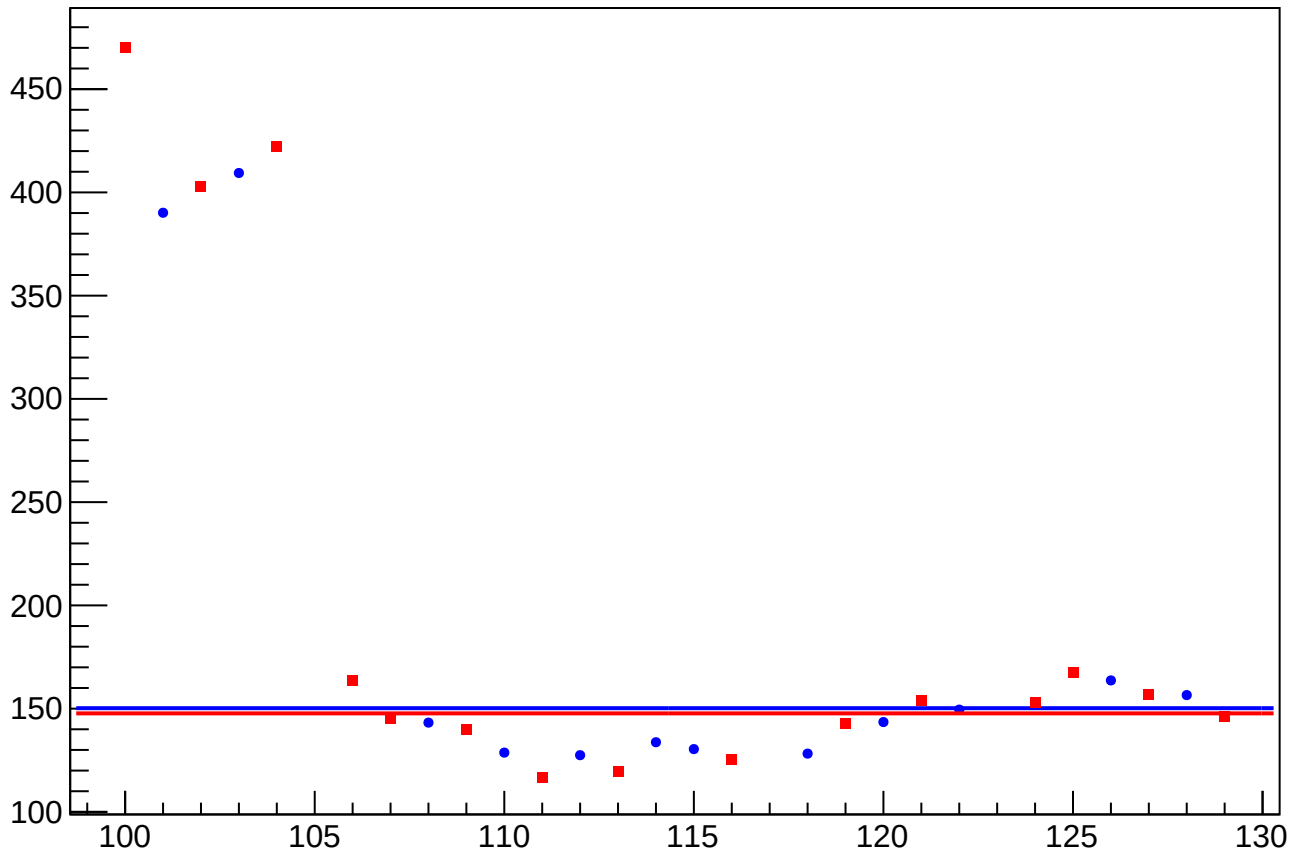
All: 173.446+/-0.041 χ^2/NDF : 2014621.7/26

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 150260.643 $\pm$ 0.073 χ^2 /NDF: 1624970654.1/11
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 150535.899 $\pm$ 0.066 χ^2 /NDF: 2158983893.1/14
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 150412.380 $\pm$ 0.049 χ^2 /NDF: 3791810157.9

yield_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 150.212+/-0.052 χ^2/NDF : 1076845.3/11

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

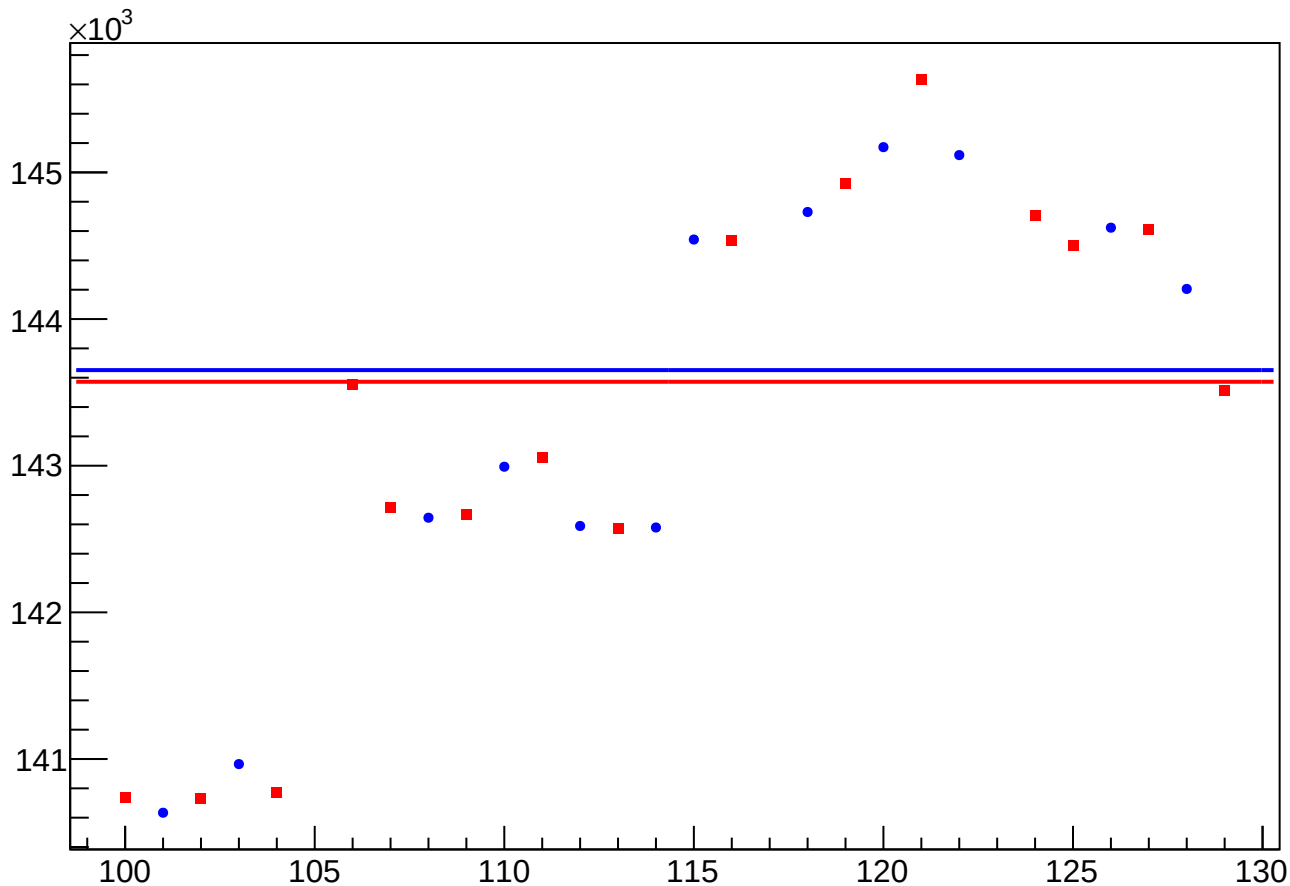
Right: 148.828+/-0.035 χ^2/NDF : 2250826.7/26

In: 150.212+/-0.052 χ^2/NDF : 1076845.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.828+/-0.035 χ^2/NDF : 2250826.7/26

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 143651.876+/-0.061 χ^2 /NDF: 363873062.6/11

Right: 143607.354+/-0.041 χ^2 /NDF: 766890752.7/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 143572.386+/-0.054 χ^2 /NDF: 402078589.3/14

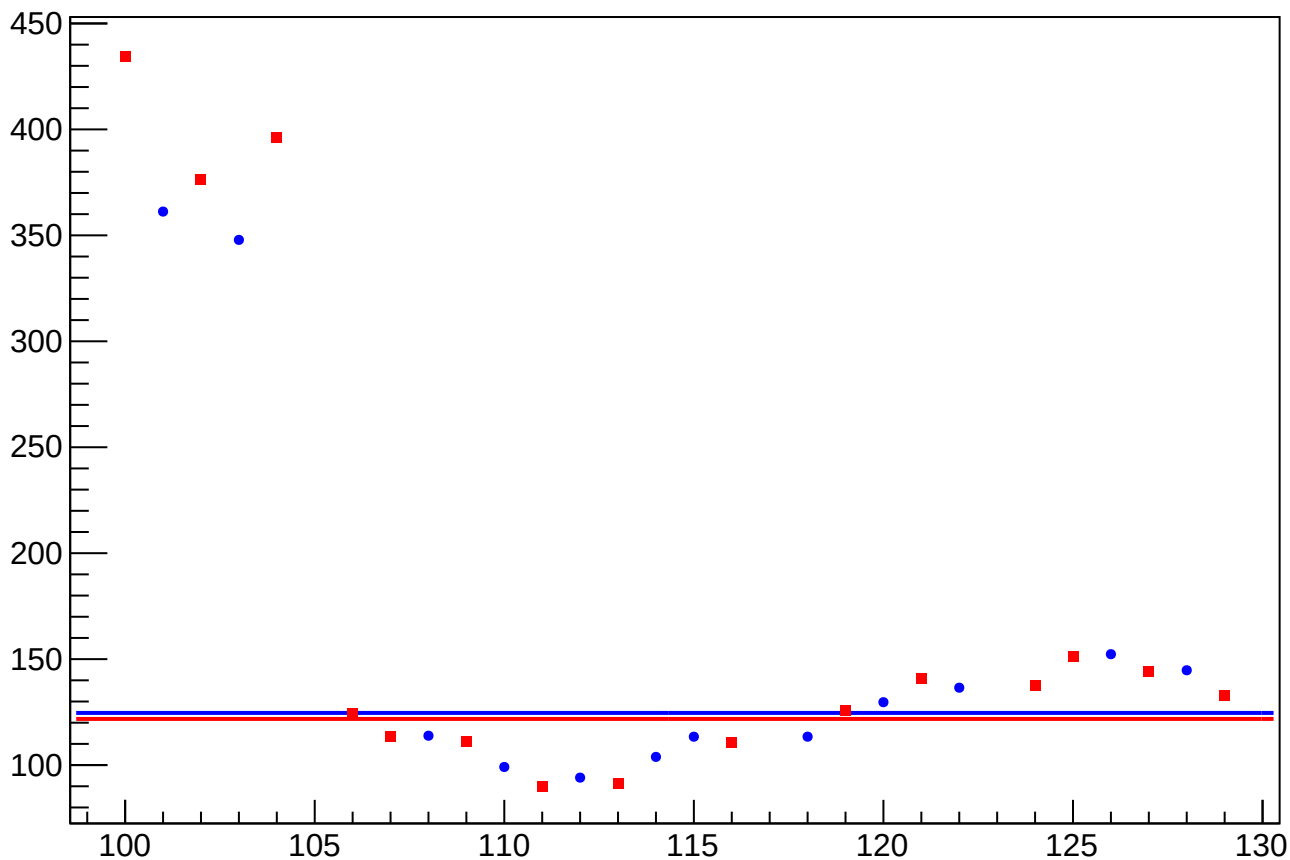
In: 143651.876+/-0.061 χ^2 /NDF: 363873062.6/11

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 143607.354+/-0.041 χ^2 /NDF: 766890752.7/2

yield_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 124.612 $\pm$ 0.043 χ^2 /NDF: 1250421.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 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

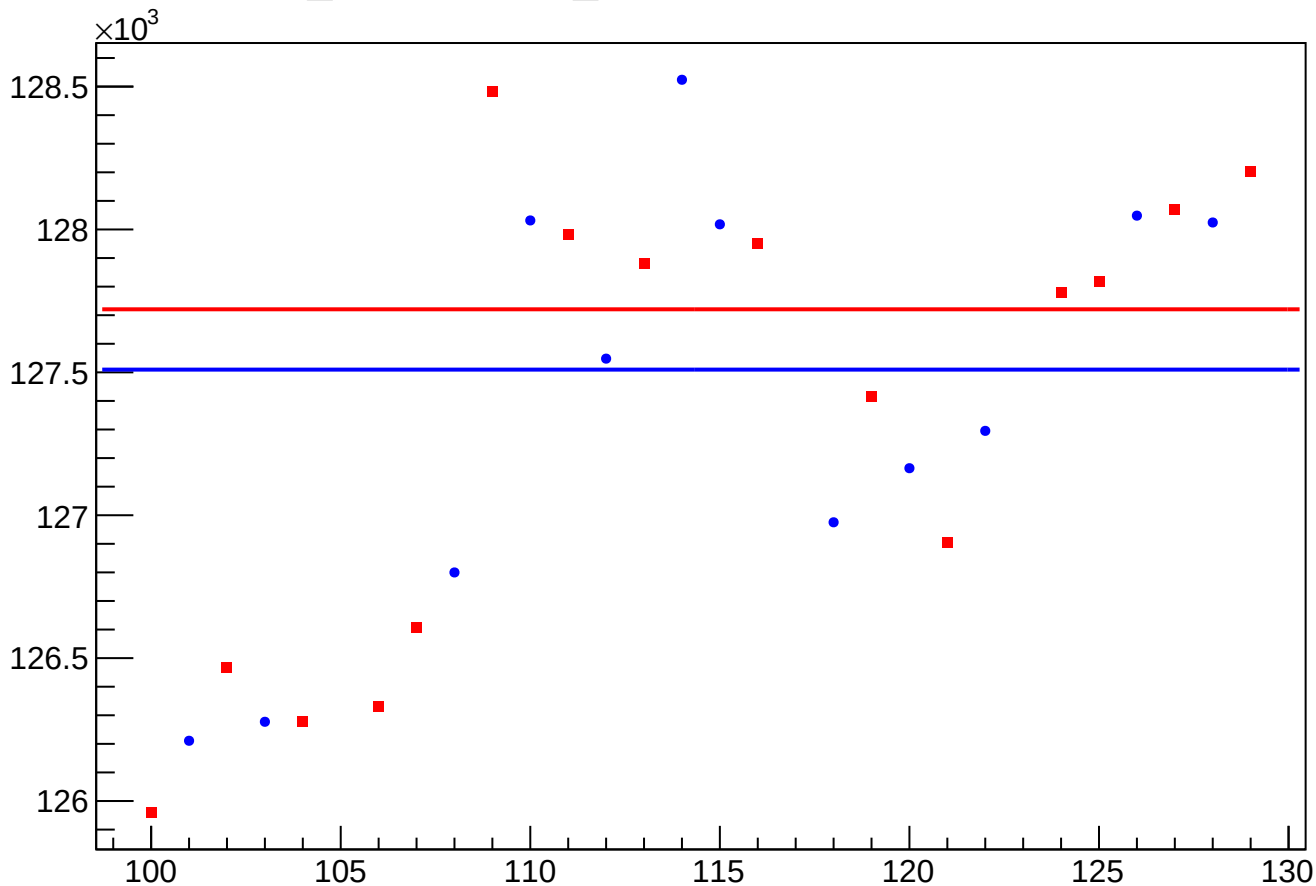
Right: 123.029 $\pm$ 0.029 χ^2 /NDF: 2712039.9/26

In: 124.612 $\pm$ 0.043 χ^2 /NDF:1250421.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

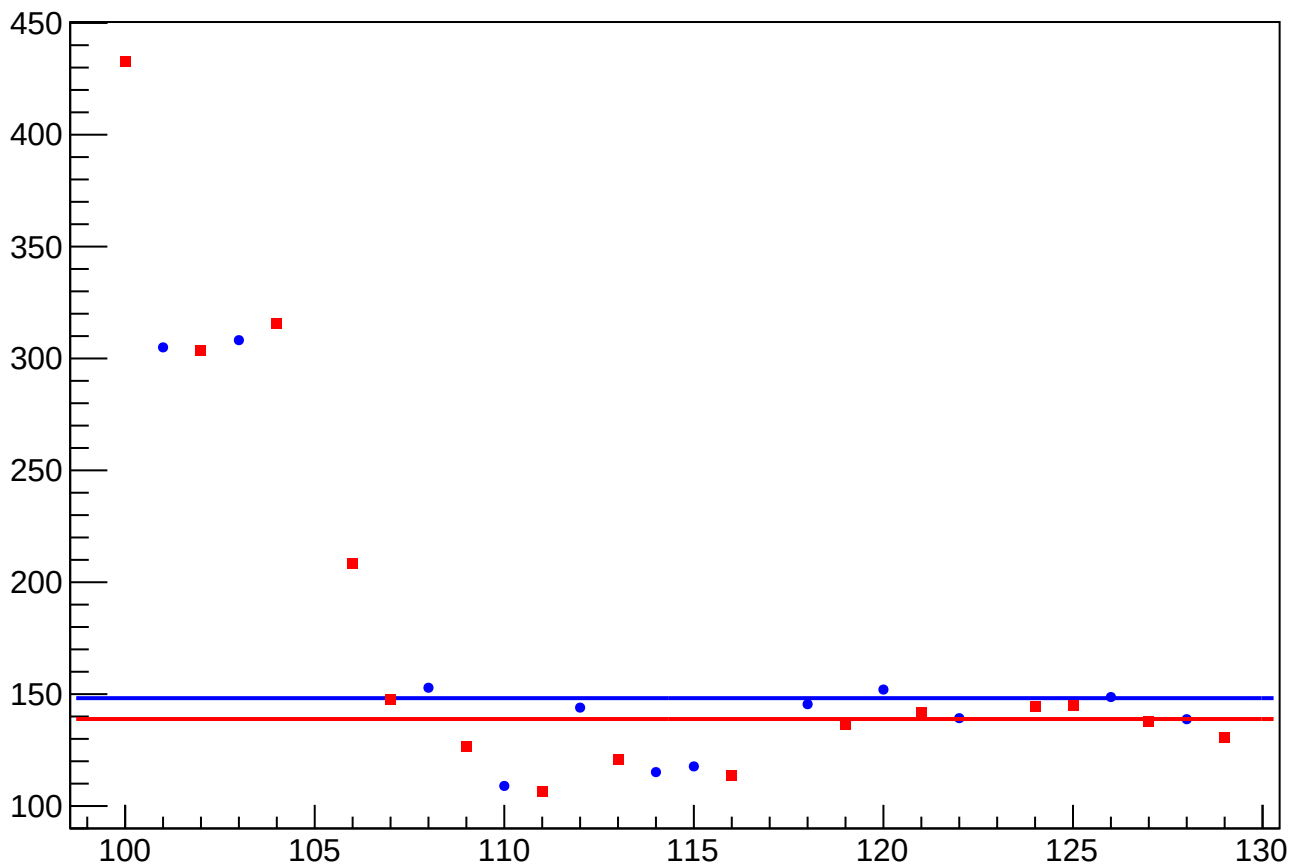
All: 123.029 $\pm$ 0.029 χ^2 /NDF: 2712039.9/26

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127509.597 $\pm$ 0.071 χ^2 /NDF: 69581209.4/11
 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
 In: 127509.597 $\pm$ 0.071 χ^2 /NDF:69581209.4/11
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 127631.455 $\pm$ 0.046 χ^2 /NDF: 171502539.0/20

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 148.201+/-0.050 χ^2/NDF : 807985.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 138.877+/-0.043 χ^2/NDF : 974106.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

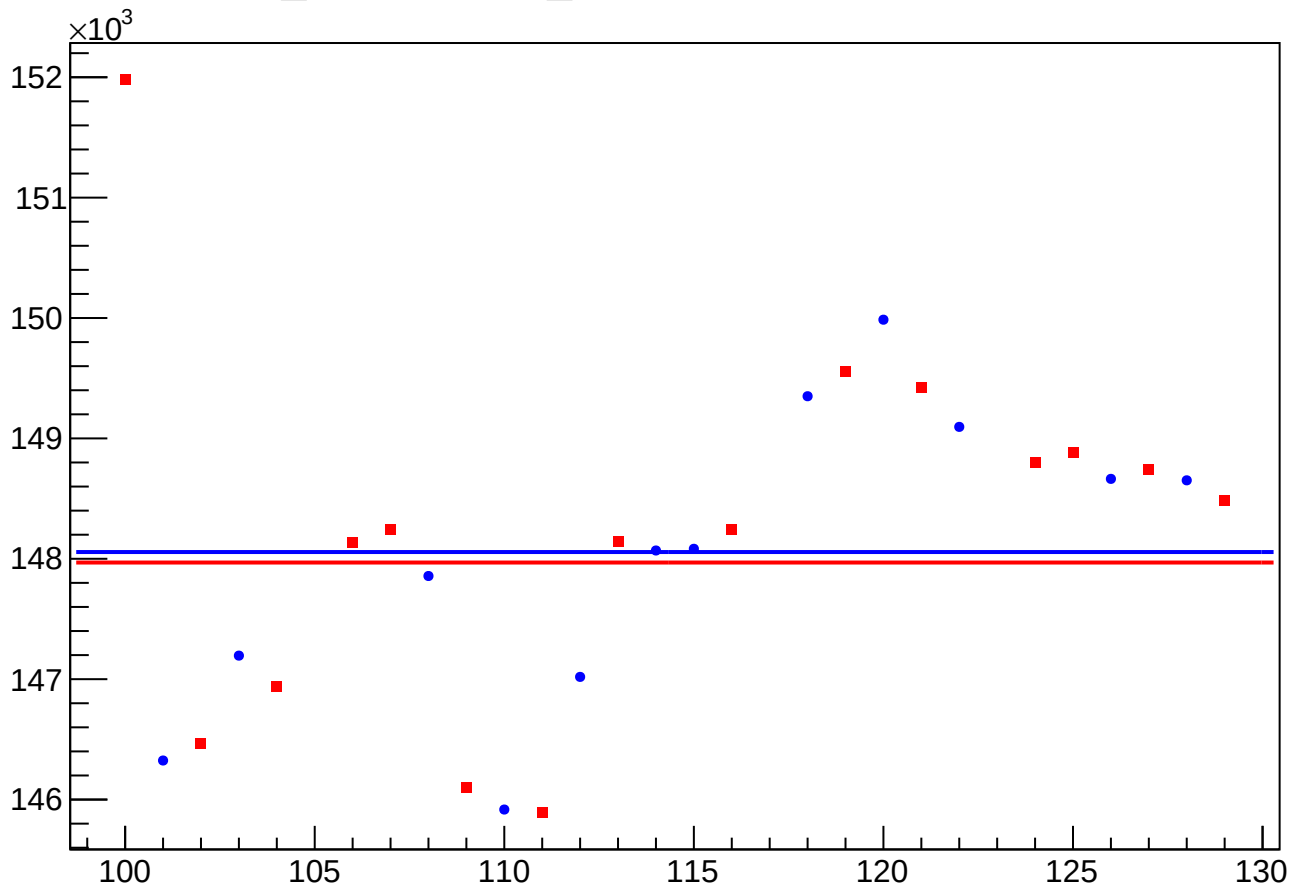
Right: 142.817+/-0.033 χ^2/NDF : 1801900.4/26

In: 148.201+/-0.050 χ^2/NDF : 807985.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.817+/-0.033 χ^2/NDF : 1801900.4/26

yield_bpm0l02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 148056.091+/-0.104 χ^2 /NDF: 109324812.4/11

Right: 148004.594+/-0.067 χ^2 /NDF: 320465840.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 147968.933+/-0.087 χ^2 /NDF: 210729723.9/14

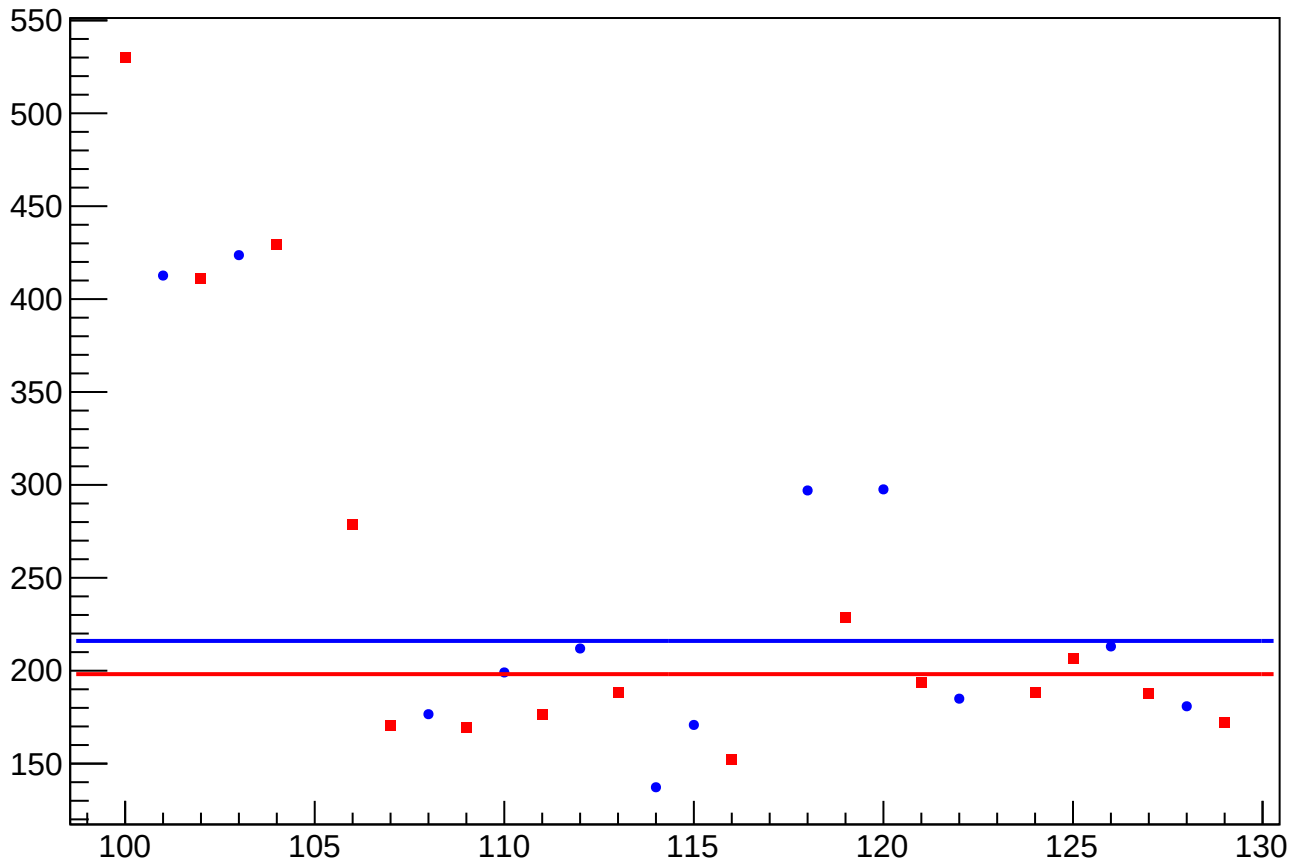
In: 148056.091+/-0.104 χ^2 /NDF: 109324812.4/11

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 148004.594+/-0.067 χ^2 /NDF: 320465840.2/2

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 216.030+/-0.074 χ^2/NDF : 904503.7/11

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

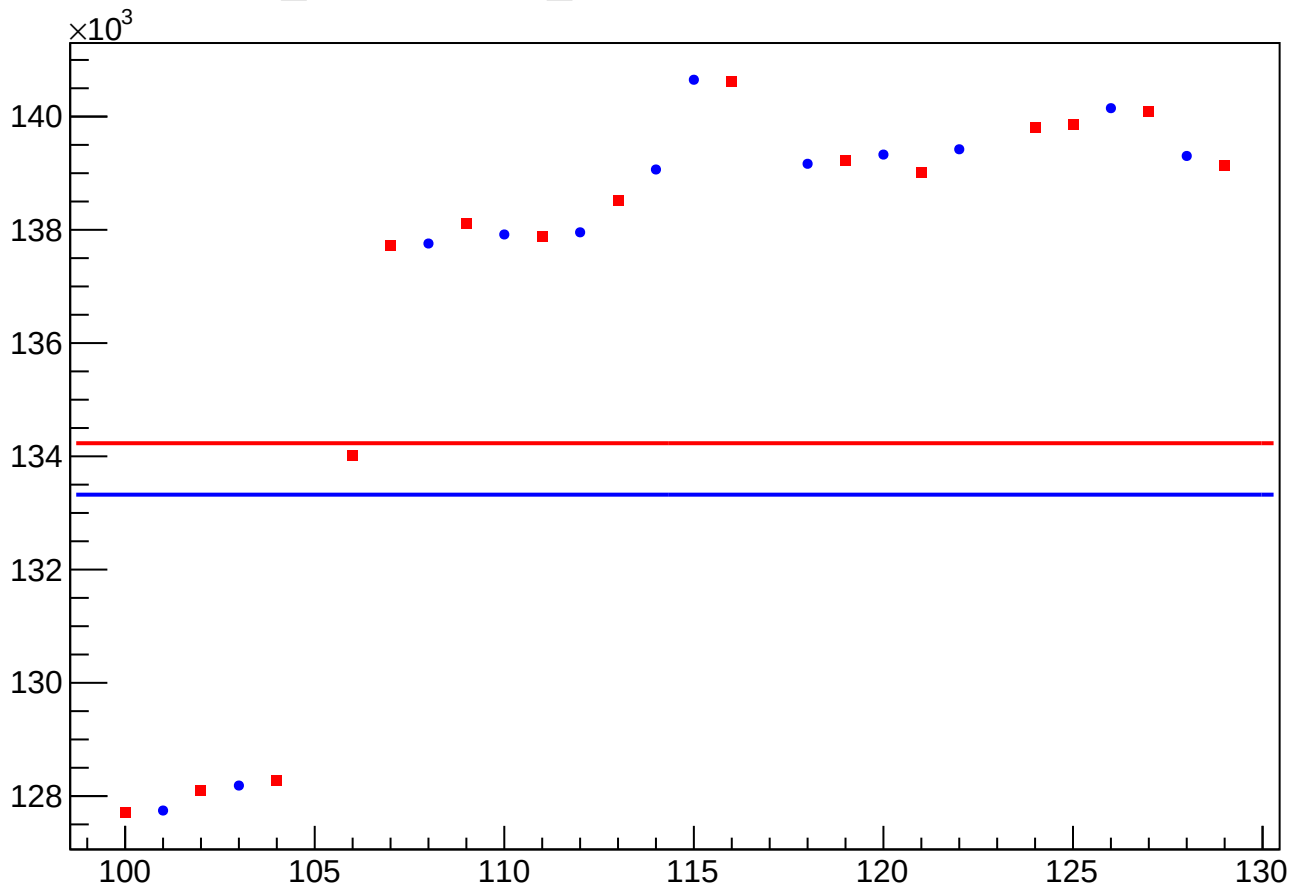
Right: 205.467+/-0.047 χ^2/NDF : 1830375.3/26

In: 216.030+/-0.074 χ^2/NDF : 904503.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 205.467+/-0.047 χ^2/NDF : 1830375.3/26

yield_bpm0l03WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 133323.072+/-0.202 χ^2 /NDF: 749597814.1/11

Right: 133798.669+/-0.139 χ^2 /NDF: 1538314147.4/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

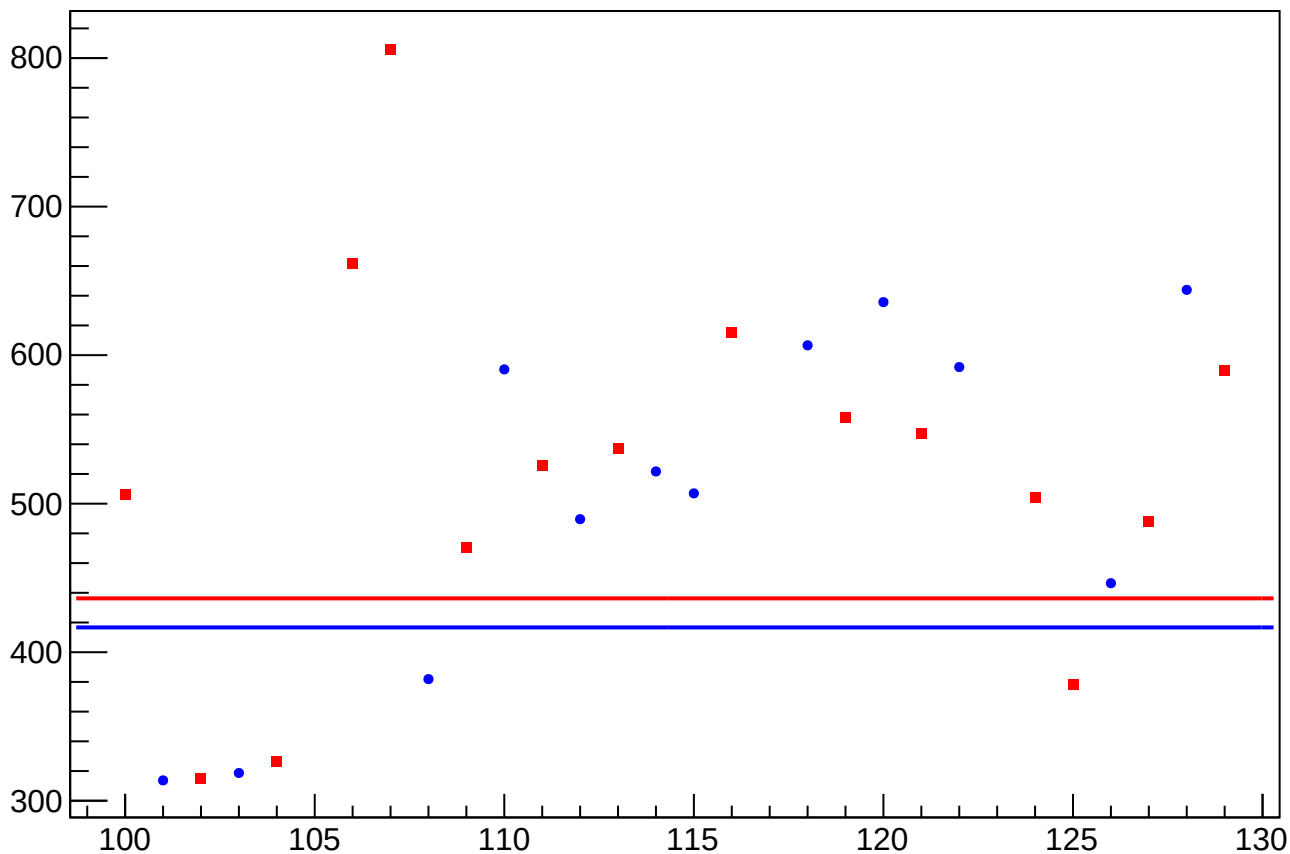
Right Out: 134231.598+/-0.193 χ^2 /NDF: 778102226.1/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 133798.669+/-0.139 χ^2 /NDF: 1538314147.4/14

yield_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 416.693+/-0.143 χ^2/NDF : 712858.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

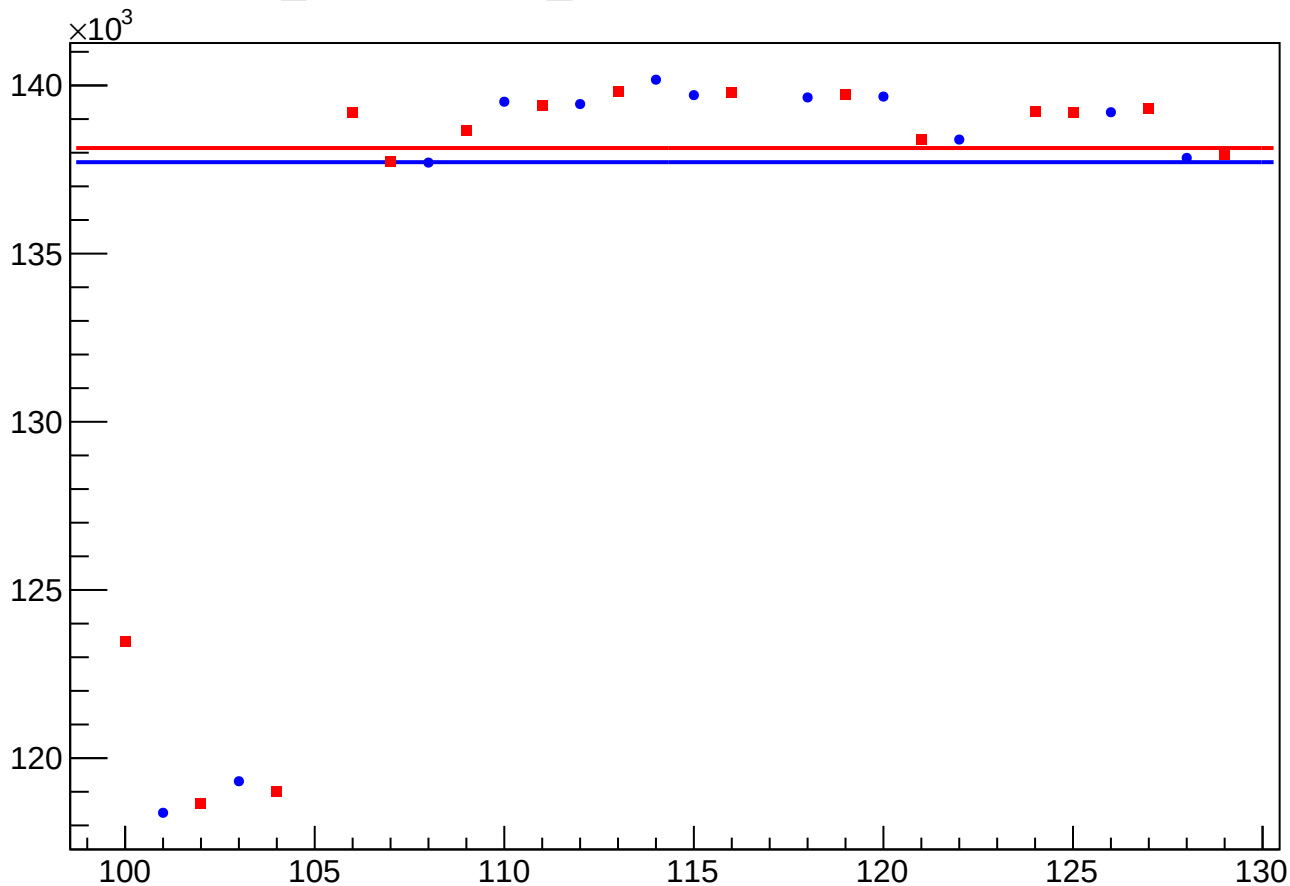
Right: 426.928+/-0.098 χ^2/NDF : 1461305.3/26

In: 416.693+/-0.143 χ^2/NDF : 712858.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

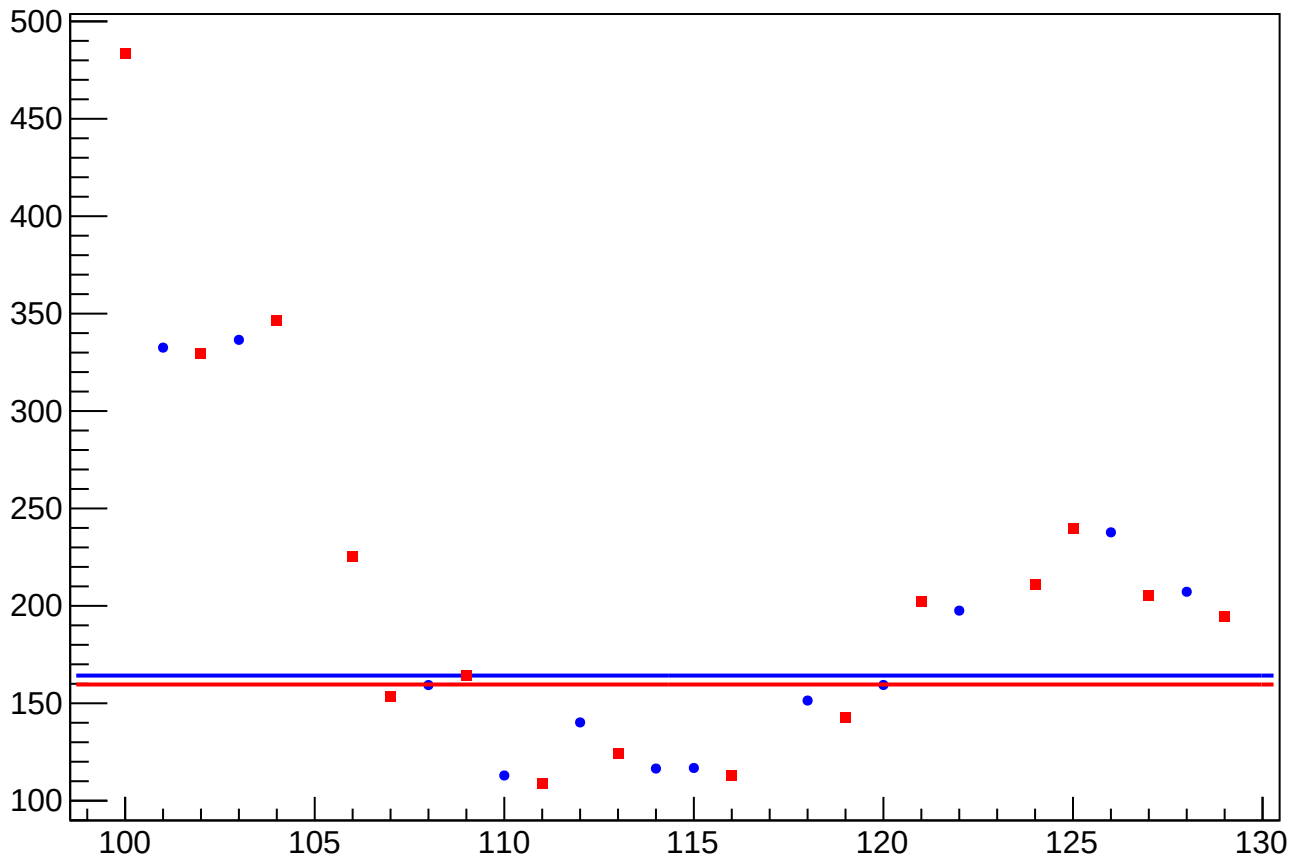
All: 426.928+/-0.098 χ^2/NDF : 1461305.3/26

yield_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: 137718.860 $\pm$ 0.080 χ^2 /NDF: 4422499177.0/11
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 138138.938 $\pm$ 0.071 χ^2 /NDF: 4214296534.1/14
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 137952.859 $\pm$ 0.053 χ^2 /NDF: 8652142545.5

yield_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 164.223+/-0.057 χ^2/NDF : 1042509.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 159.640+/-0.050 χ^2/NDF : 1314228.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

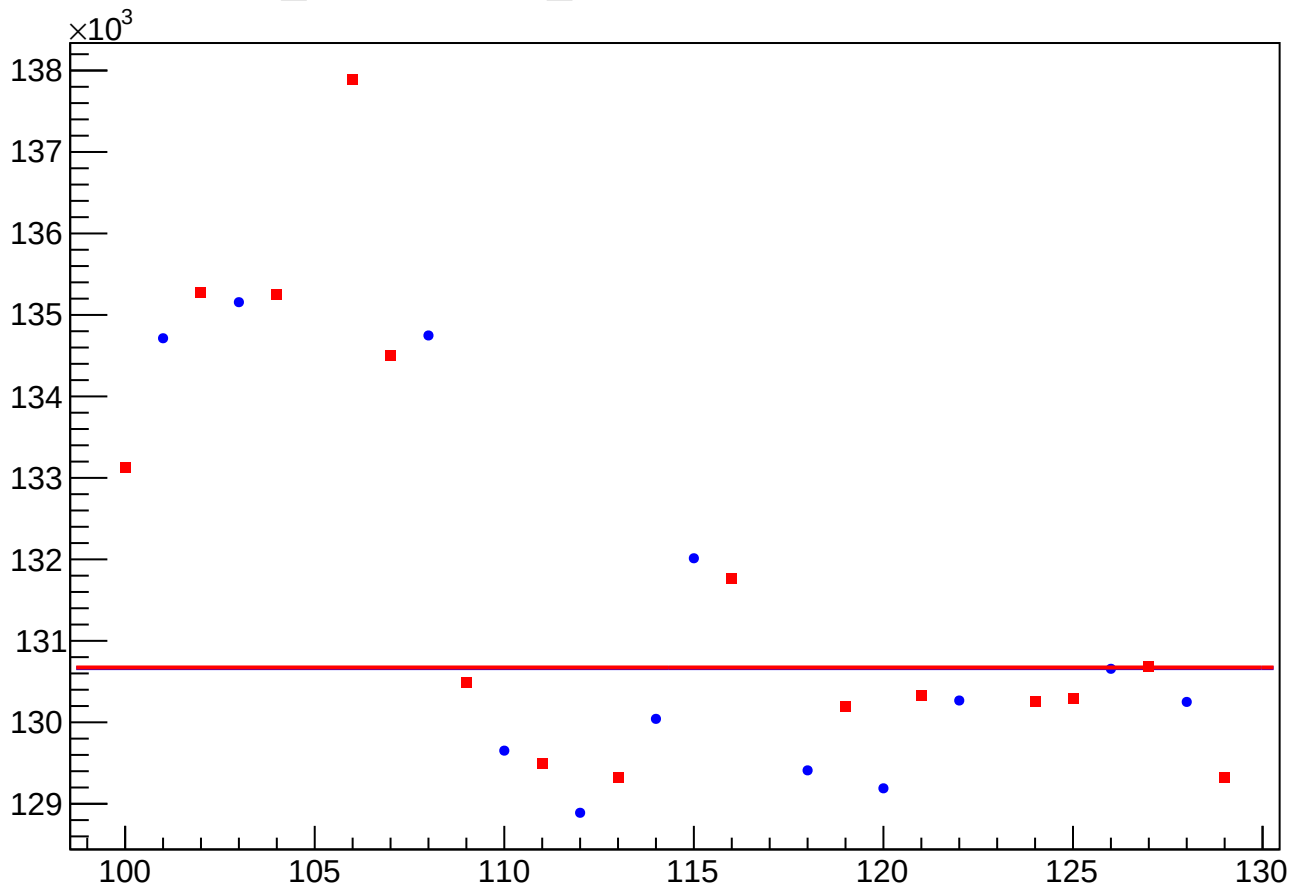
Right: 161.670+/-0.038 χ^2/NDF : 2360392.5/26

In: 164.223+/-0.057 χ^2/NDF : 1042509.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.670+/-0.038 χ^2/NDF : 2360392.5/26

yield_bpm0l05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 130665.485+/-0.083 χ^2 /NDF: 532906515.9/11

Right: 130669.953+/-0.053 χ^2 /NDF: 1220609493.5/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

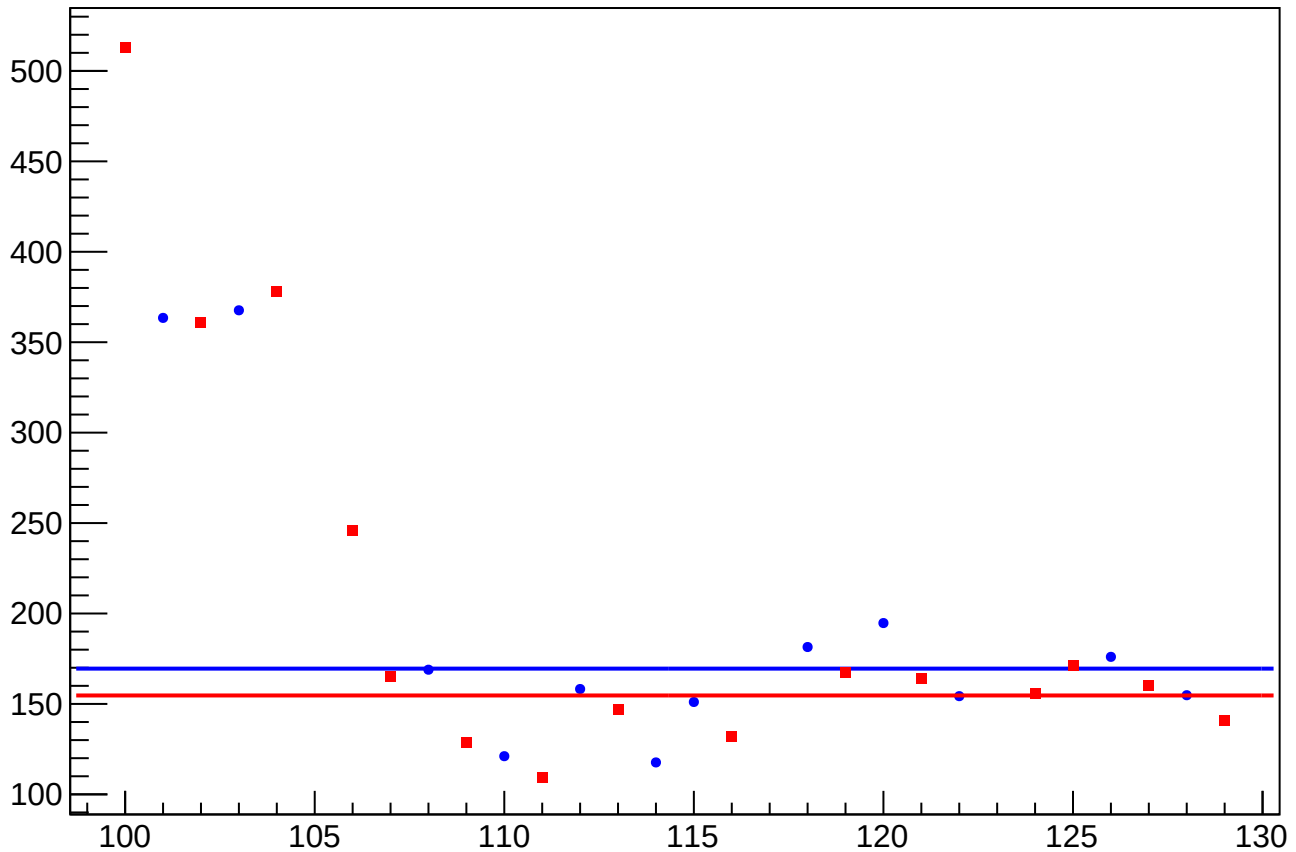
Right Out: 130673.064+/-0.069 χ^2 /NDF: 687698053.5/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 130669.953+/-0.053 χ^2 /NDF: 1220609493.5/14

yield_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 169.521+/-0.059 χ^2/NDF : 913077.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

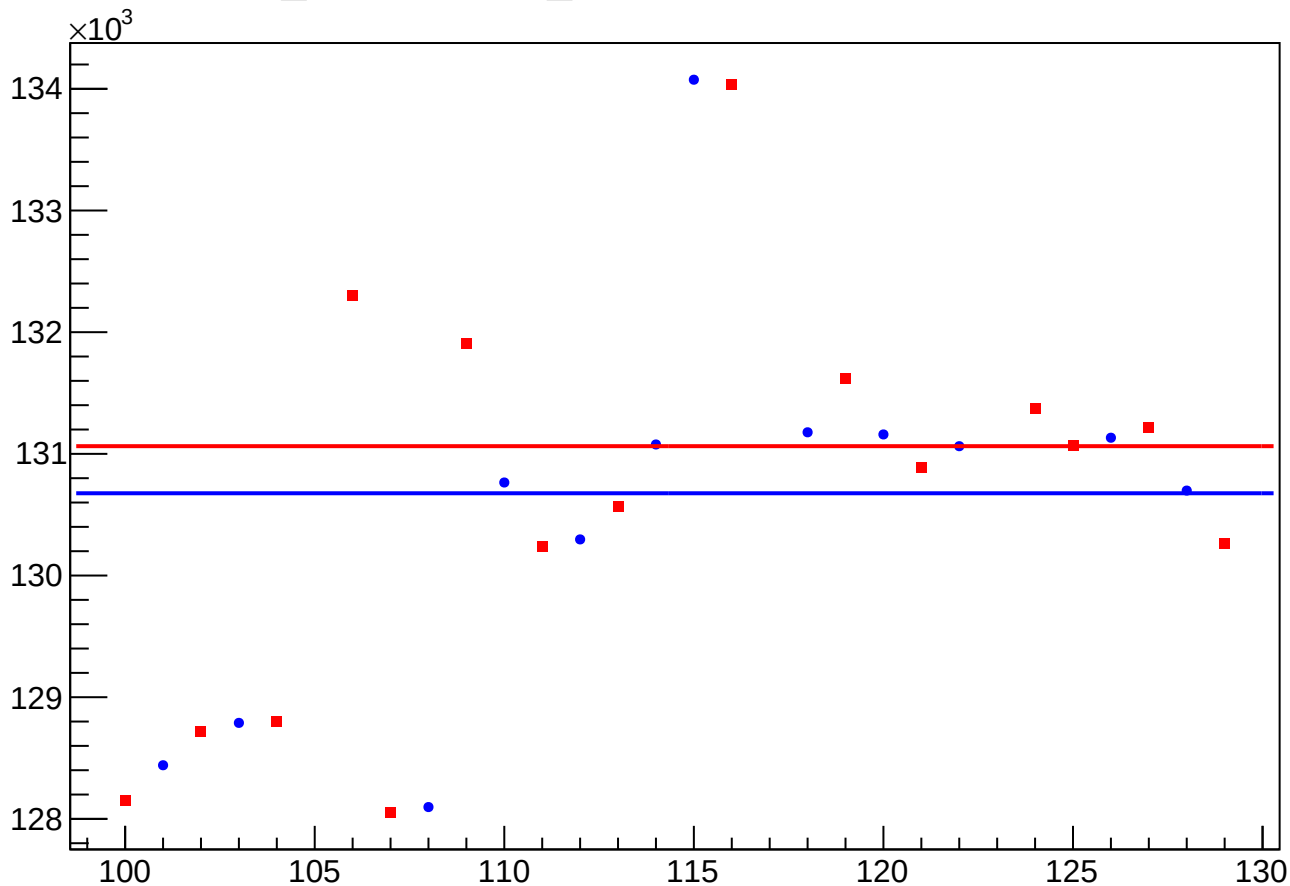
Right: 160.772+/-0.038 χ^2/NDF : 2108920.5/26

In: 169.521+/-0.059 χ^2/NDF : 913077.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.772+/-0.038 χ^2/NDF : 2108920.5/26

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 130676.145+/-0.072 χ^2 /NDF: 306837630.5/11

Right: 130897.824+/-0.047 χ^2 /NDF: 771367030.1/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 131063.230+/-0.062 χ^2 /NDF: 447929471.7/14

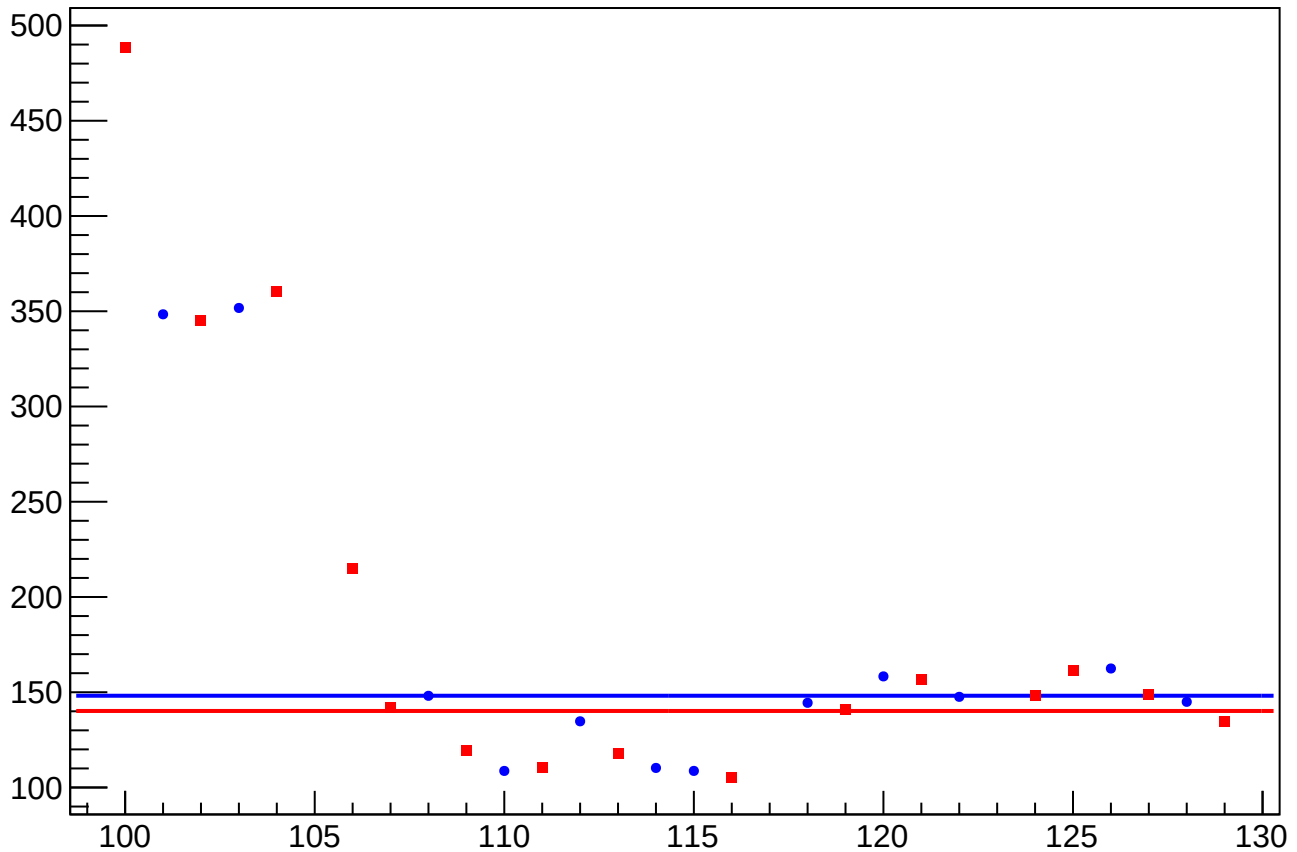
In: 130676.145+/-0.072 χ^2 /NDF: 306837630.5/11

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 130897.824+/-0.047 χ^2 /NDF: 771367030.1/2

yield_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 148.165+/-0.051 χ^2/NDF : 1008652.8/11

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

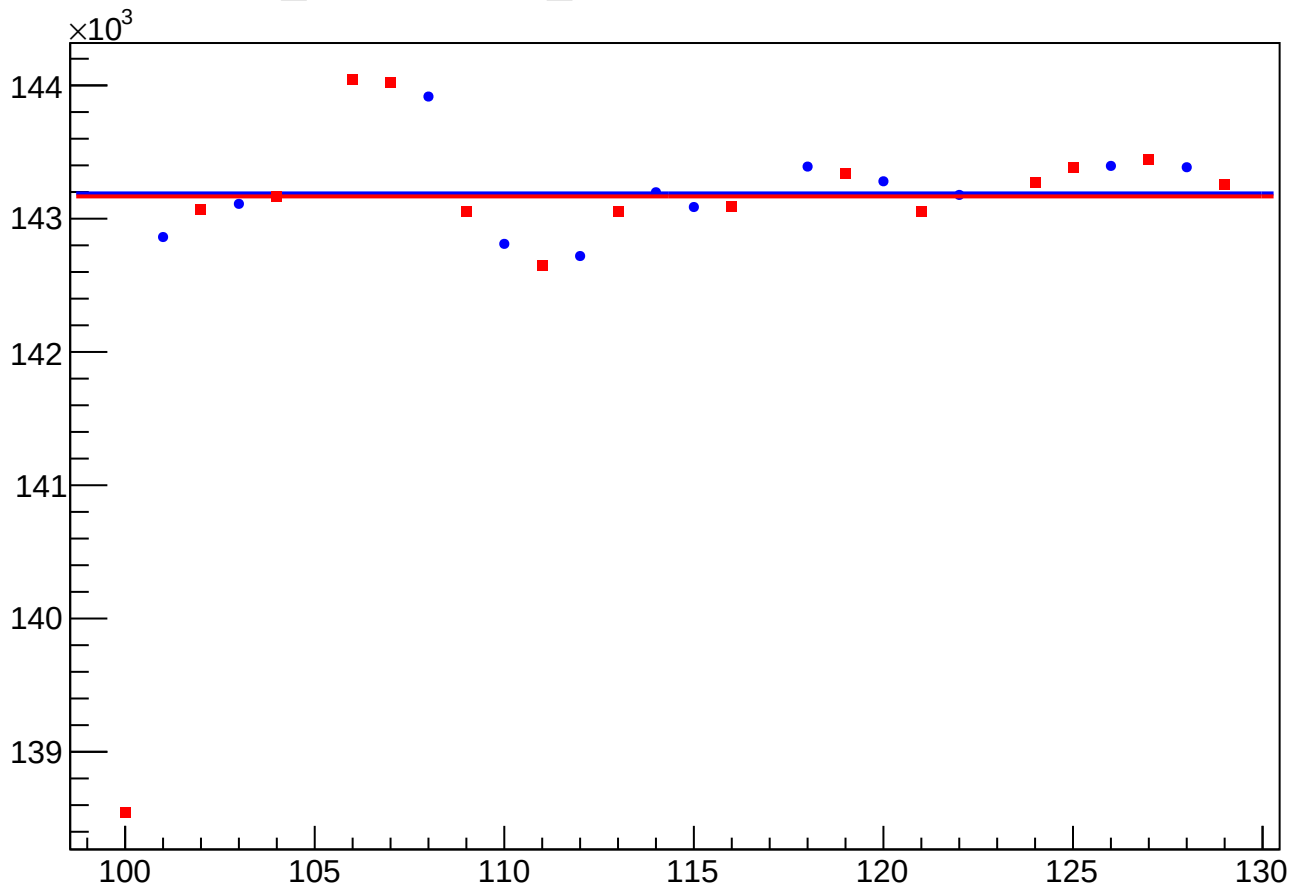
Right: 143.586+/-0.033 χ^2/NDF : 2210784.1/26

In: 148.165+/-0.051 χ^2/NDF : 1008652.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.586+/-0.033 χ^2/NDF : 2210784.1/26

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 143189.524+/-0.077 χ^2 /NDF: 18938183.0/11

Right: 143176.618+/-0.050 χ^2 /NDF: 47809705.9/26

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

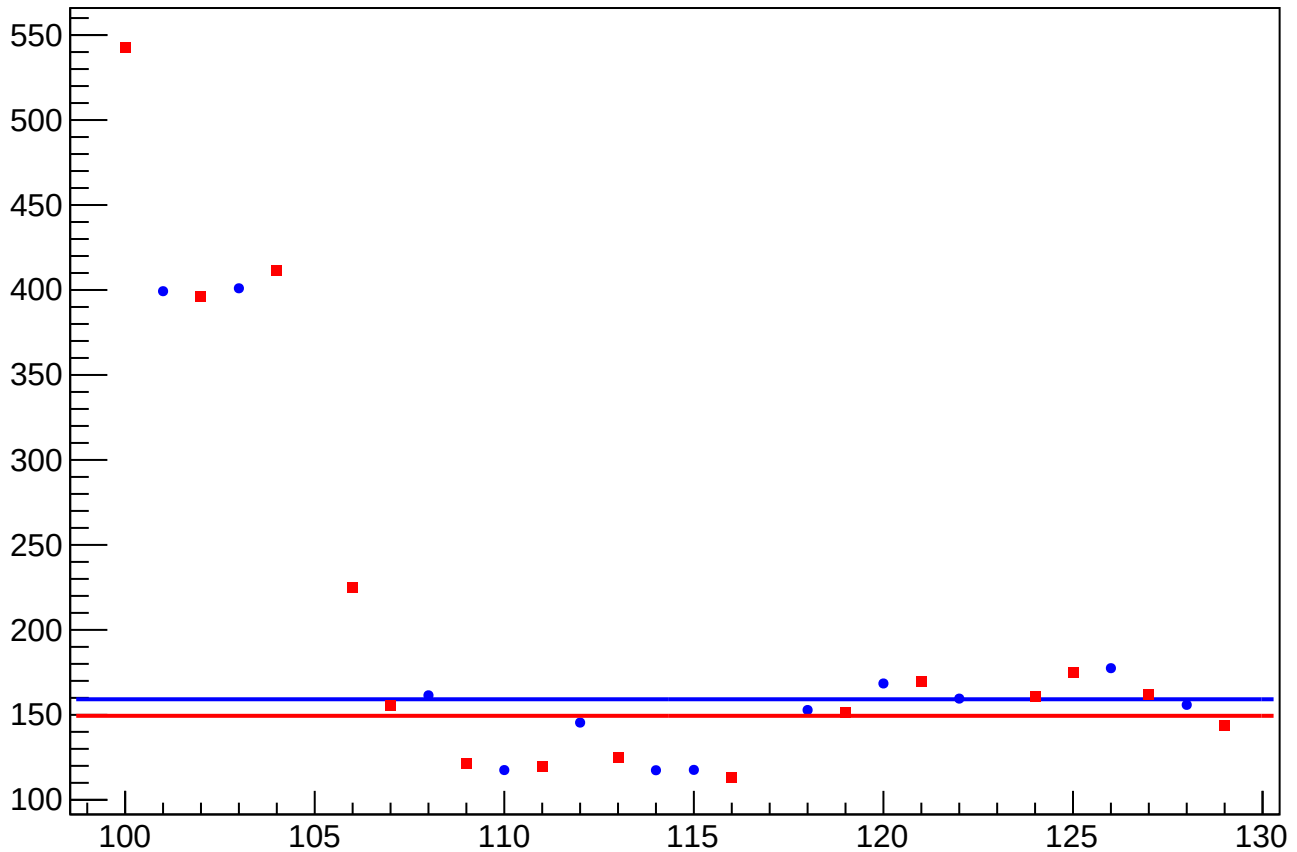
Right Out: 143167.111+/-0.066 χ^2 /NDF: 28823254.4/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 143176.618+/-0.050 χ^2 /NDF: 47809705.9/26

yield_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 159.178+/-0.055 χ^2/NDF : 1083951.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.440+/-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

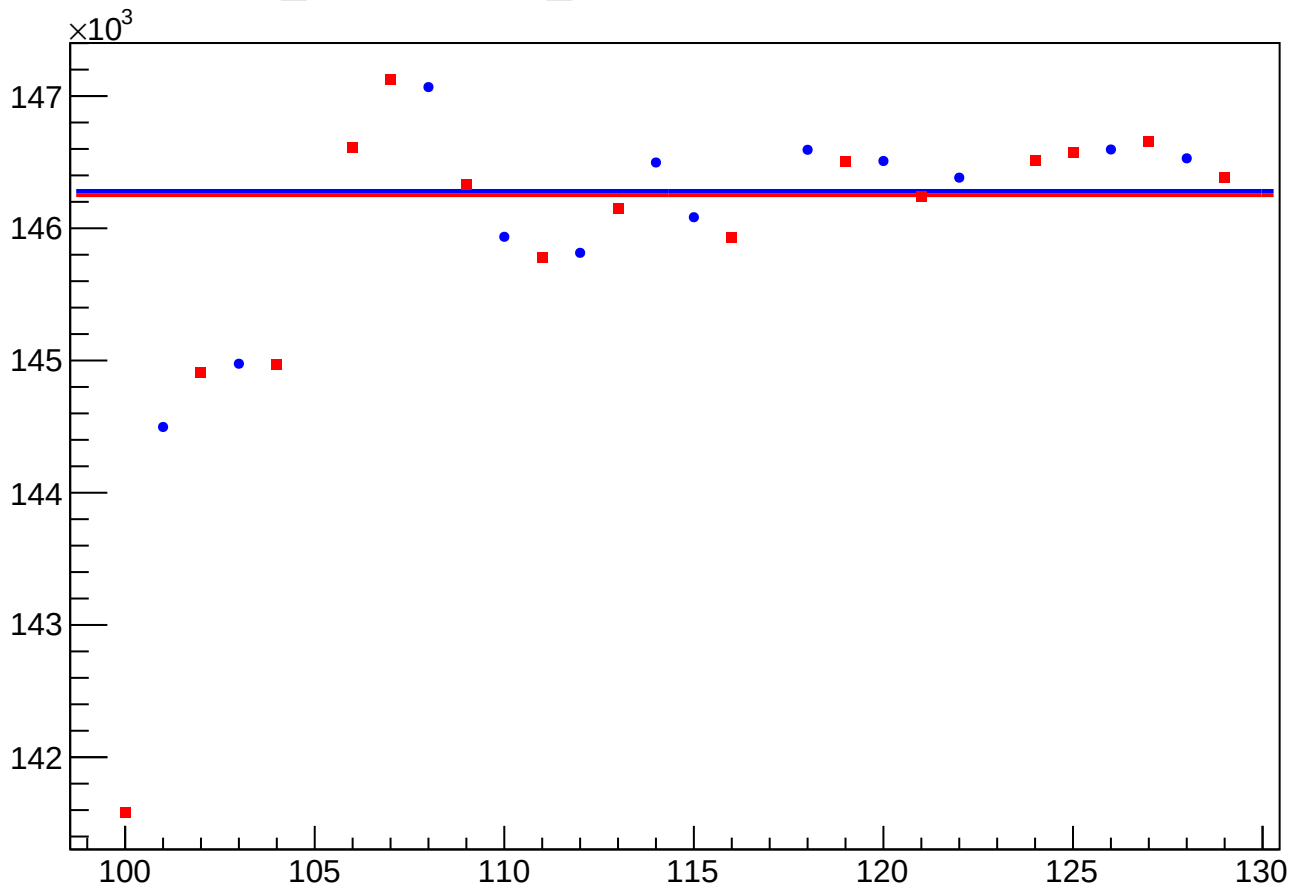
Right: 153.571+/-0.036 χ^2/NDF : 2389912.9/26

In: 159.178+/-0.055 χ^2/NDF : 1083951.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.571+/-0.036 χ^2/NDF : 2389912.9/26

yield_bpm0l08WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 146282.101+/-0.080 χ^2 /NDF: 41657458.7/11

Right: 146264.184+/-0.052 χ^2 /NDF: 82540154.0/26

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

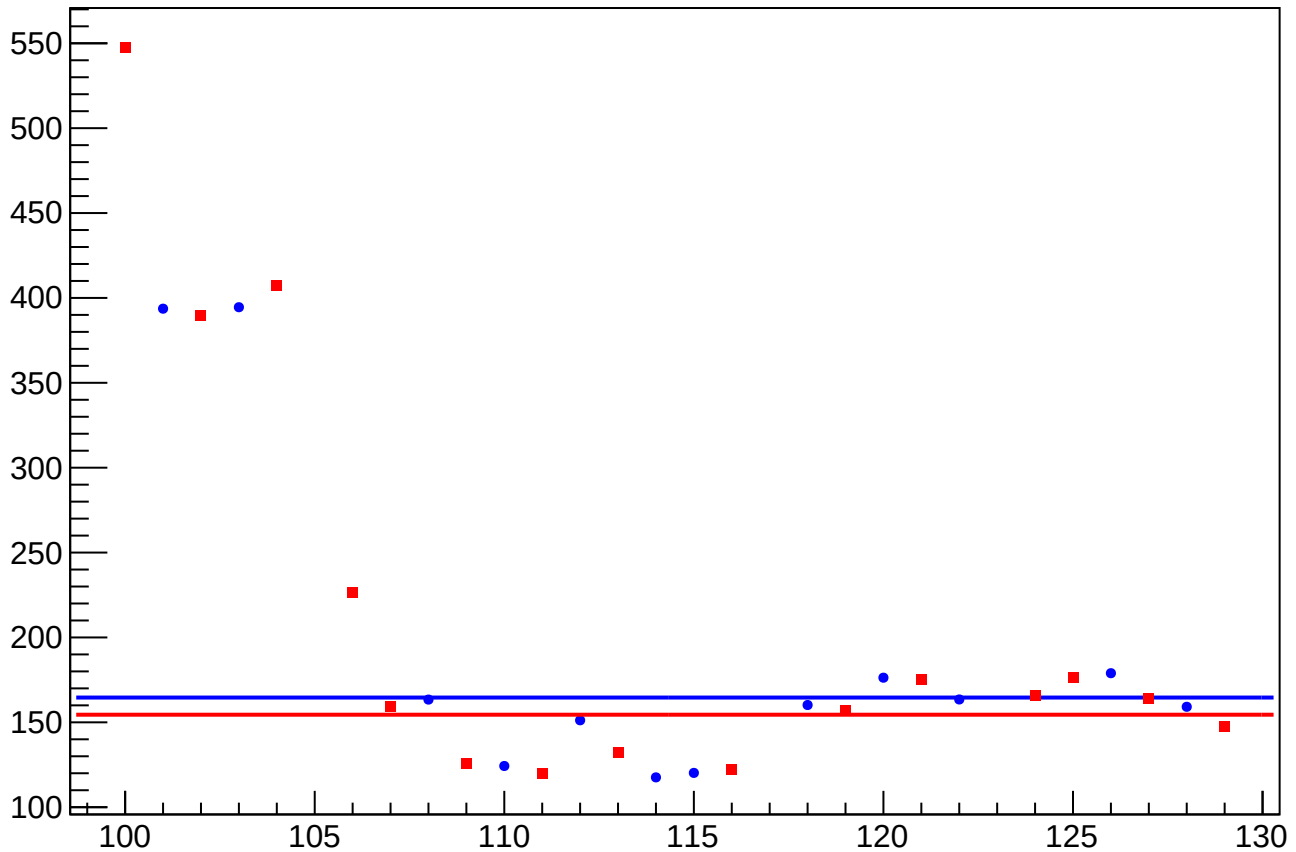
Right Out: 146251.012+/-0.068 χ^2 /NDF: 40795176.6/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 146264.184+/-0.052 χ^2 /NDF: 82540154.0/26

yield_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 164.597+/-0.056 χ^2/NDF : 1016440.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.484+/-0.048 χ^2/NDF : 1216924.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

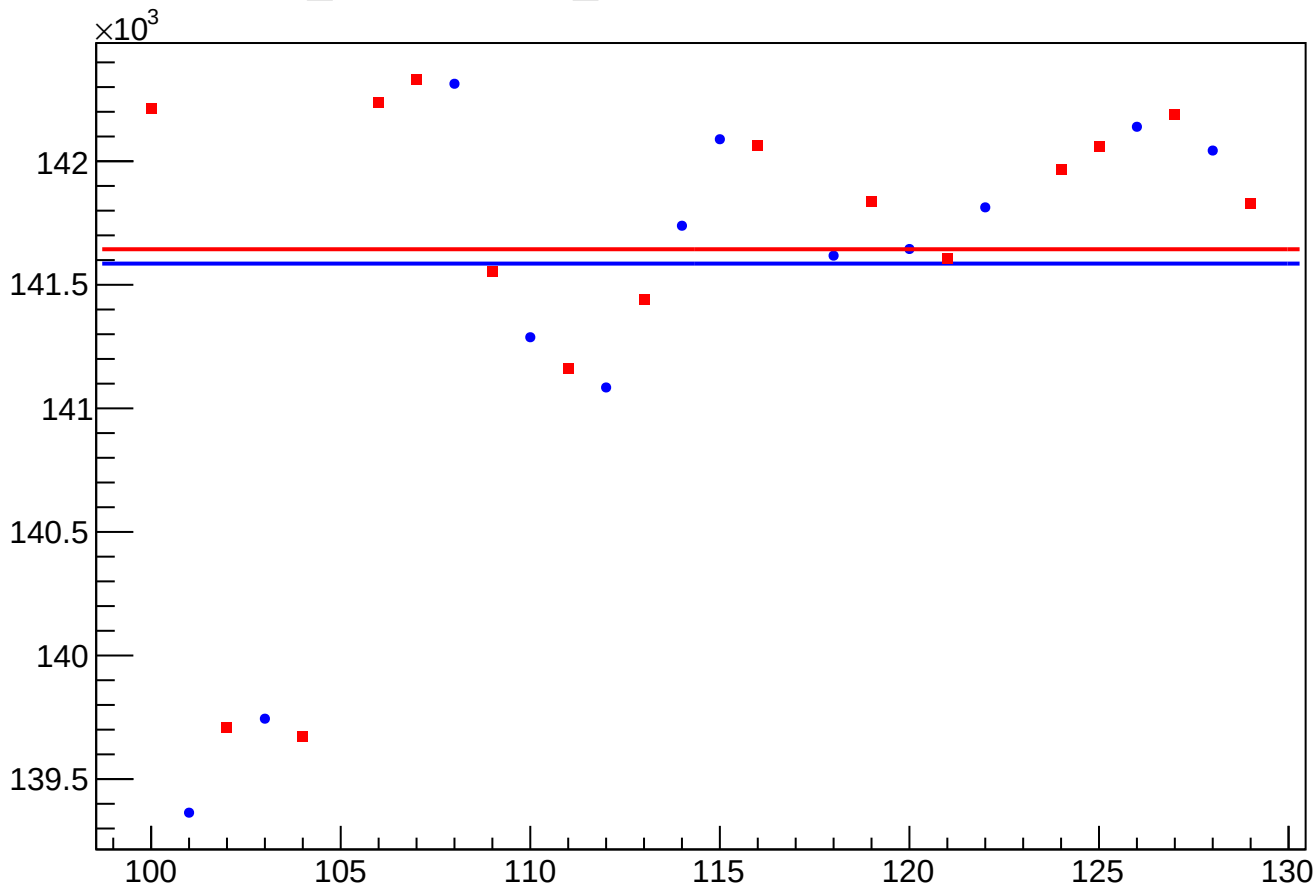
Right: 158.769+/-0.037 χ^2/NDF : 2251883.8/26

In: 164.597+/-0.056 χ^2/NDF : 1016440.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.769+/-0.037 χ^2/NDF : 2251883.8/26

yield_bpm0l09WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 141619.056+/-0.053 χ^2/NDF : 111666491.9/2

In: 141585.793+/-0.081 χ^2/NDF : 58187423.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141619.056+/-0.053 χ^2/NDF : 111666491.9/2

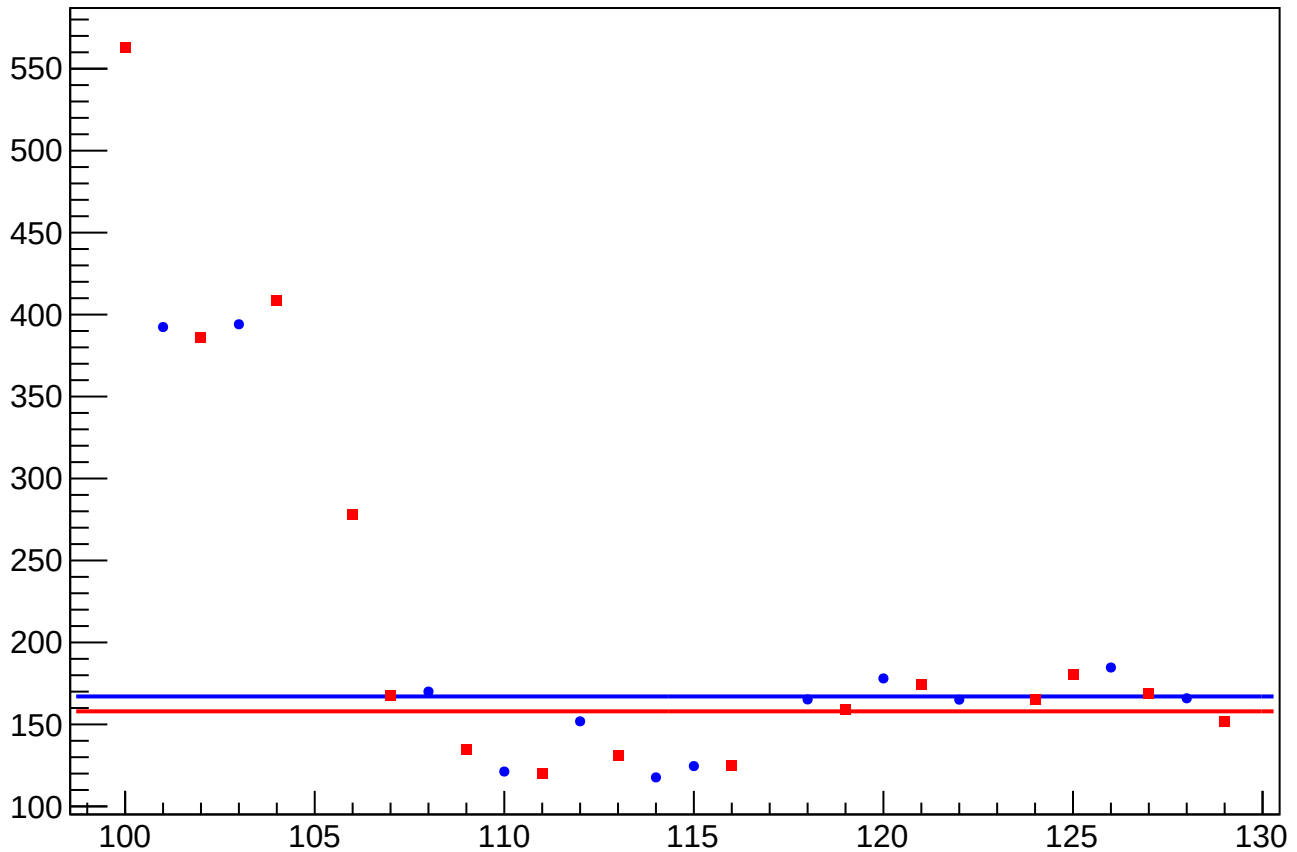
Right In: 141585.793+/-0.081 χ^2/NDF : 58187423.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 141643.858+/-0.070 χ^2/NDF : 53185486.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 167.057+/-0.057 χ^2/NDF : 1021150.9/11

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

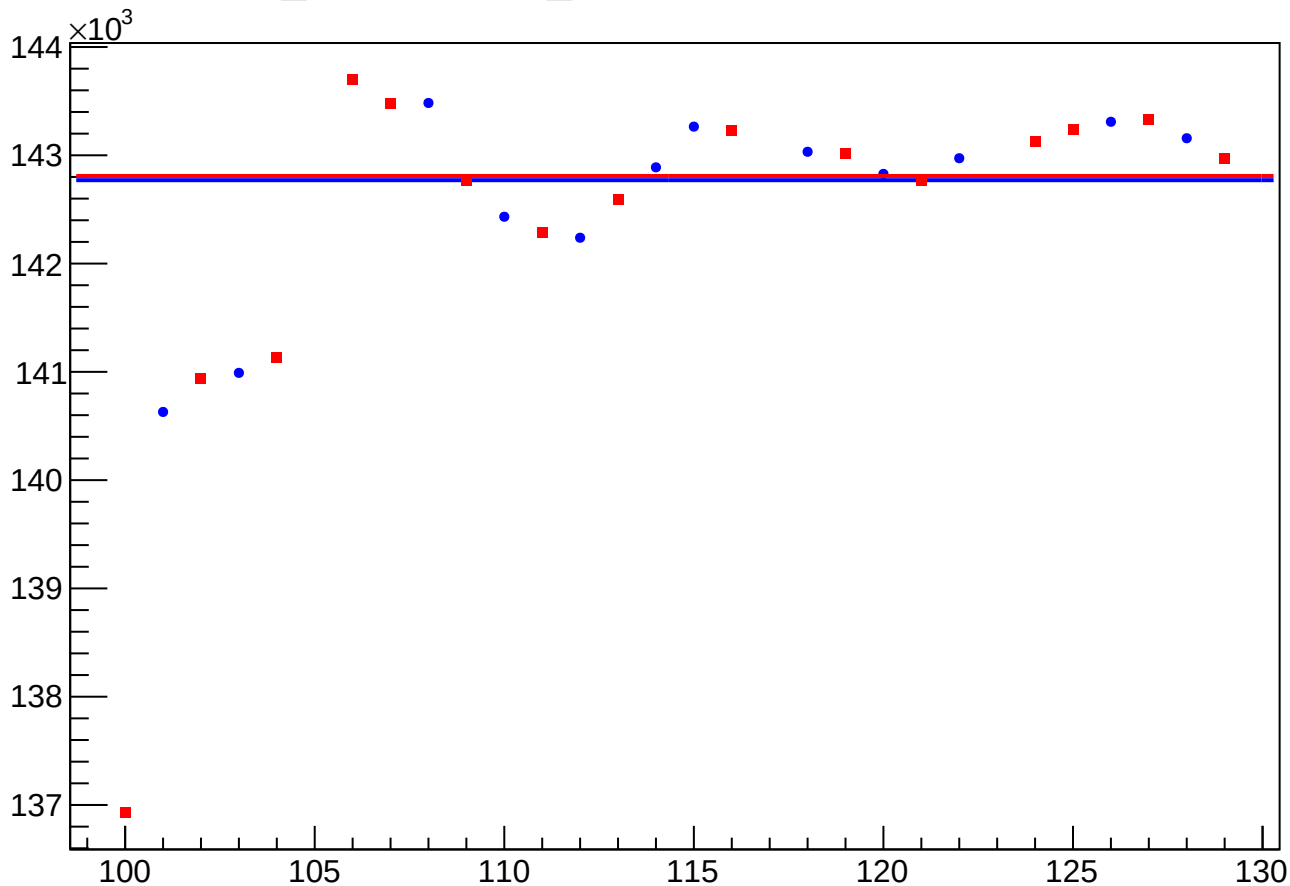
Right: 161.853+/-0.037 χ^2/NDF : 2272387.8/26

In: 167.057+/-0.057 χ^2/NDF : 1021150.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.853+/-0.037 χ^2/NDF : 2272387.8/26

yield_bpm0l10WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 142770.029+/-0.082 χ^2 /NDF: 55835874.0/11

Right: 142792.611+/-0.053 χ^2 /NDF: 116171919.7/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

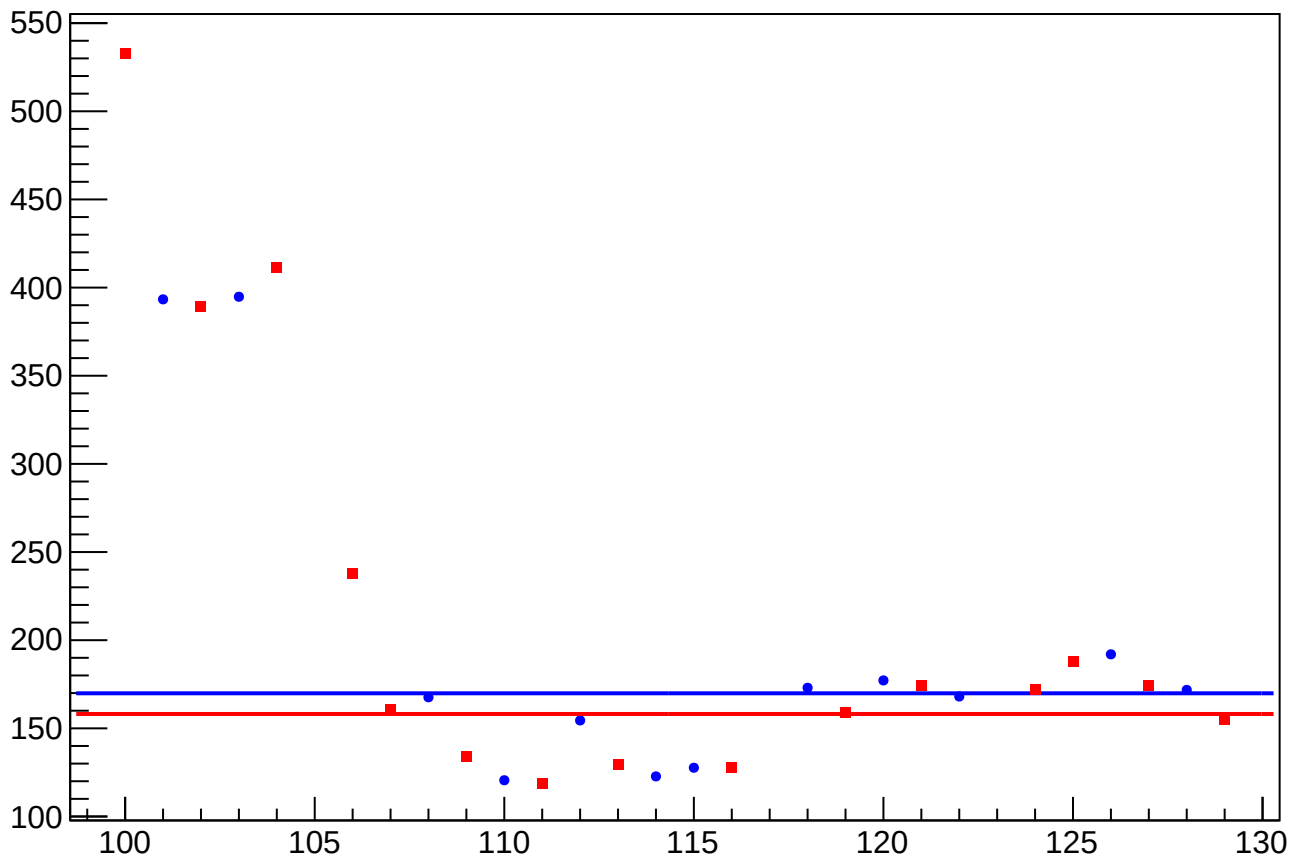
Right Out: 142808.991+/-0.070 χ^2 /NDF: 60206376.5/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 142792.611+/-0.053 χ^2 /NDF: 116171919.7/2

yield_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 169.878+/-0.058 χ^2/NDF : 1015071.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.143+/-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

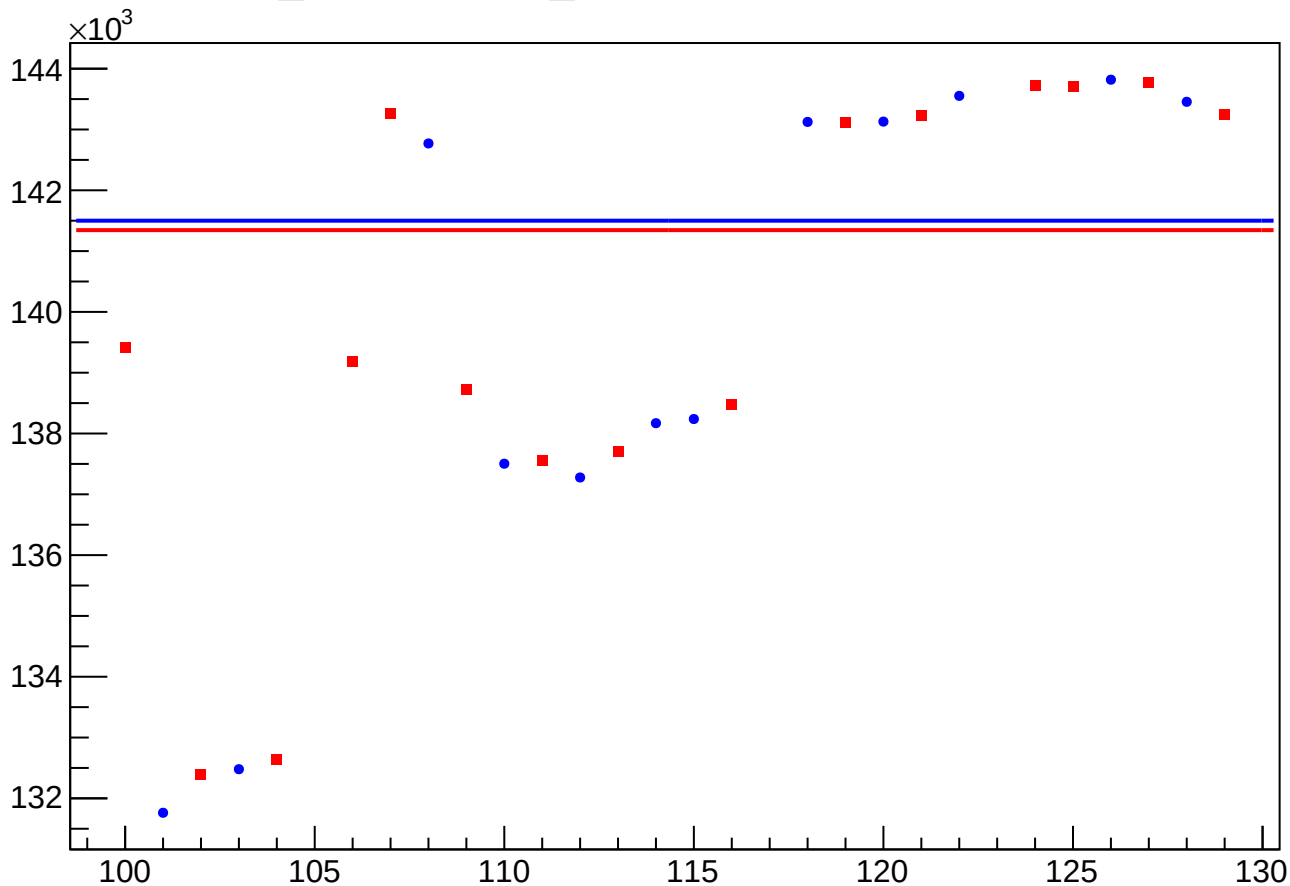
Right: 163.076+/-0.038 χ^2/NDF : 2249704.1/26

In: 169.878+/-0.058 χ^2/NDF : 1015071.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

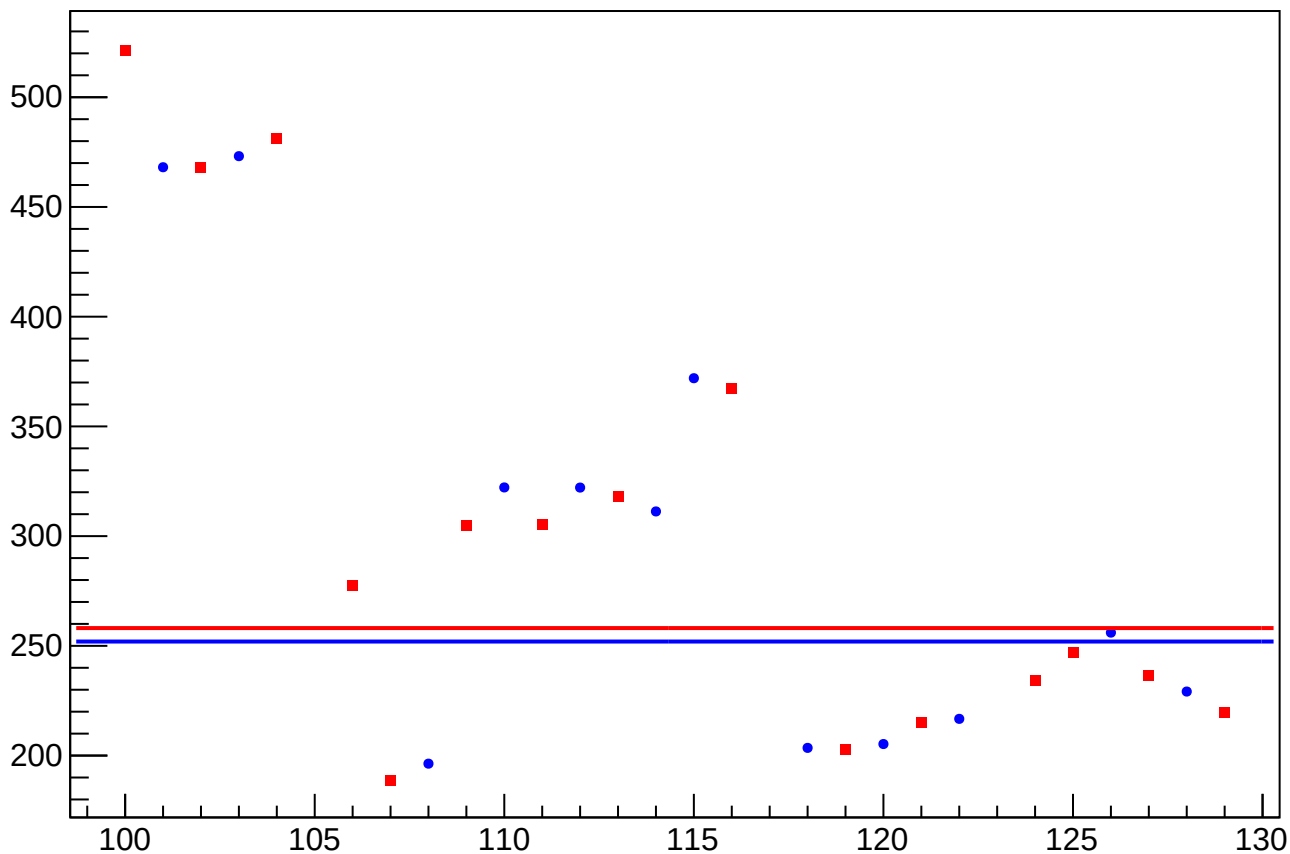
All: 163.076+/-0.038 χ^2/NDF : 2249704.1/26

yield_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: 141500.191 $\pm$ 0.120 χ^2 /NDF: 833319001.1/11
 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: 141417.372 $\pm$ 0.082 χ^2 /NDF: 1654476845.6
 In: 141500.191 $\pm$ 0.120 χ^2 /NDF: 833319001.1/11
 Right Out: 141344.895 $\pm$ 0.112 χ^2 /NDF: 820267247.9/14
 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: 141417.372 $\pm$ 0.082 χ^2 /NDF: 165447684

yield_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 251.965+/-0.085 χ^2/NDF : 844107.4/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

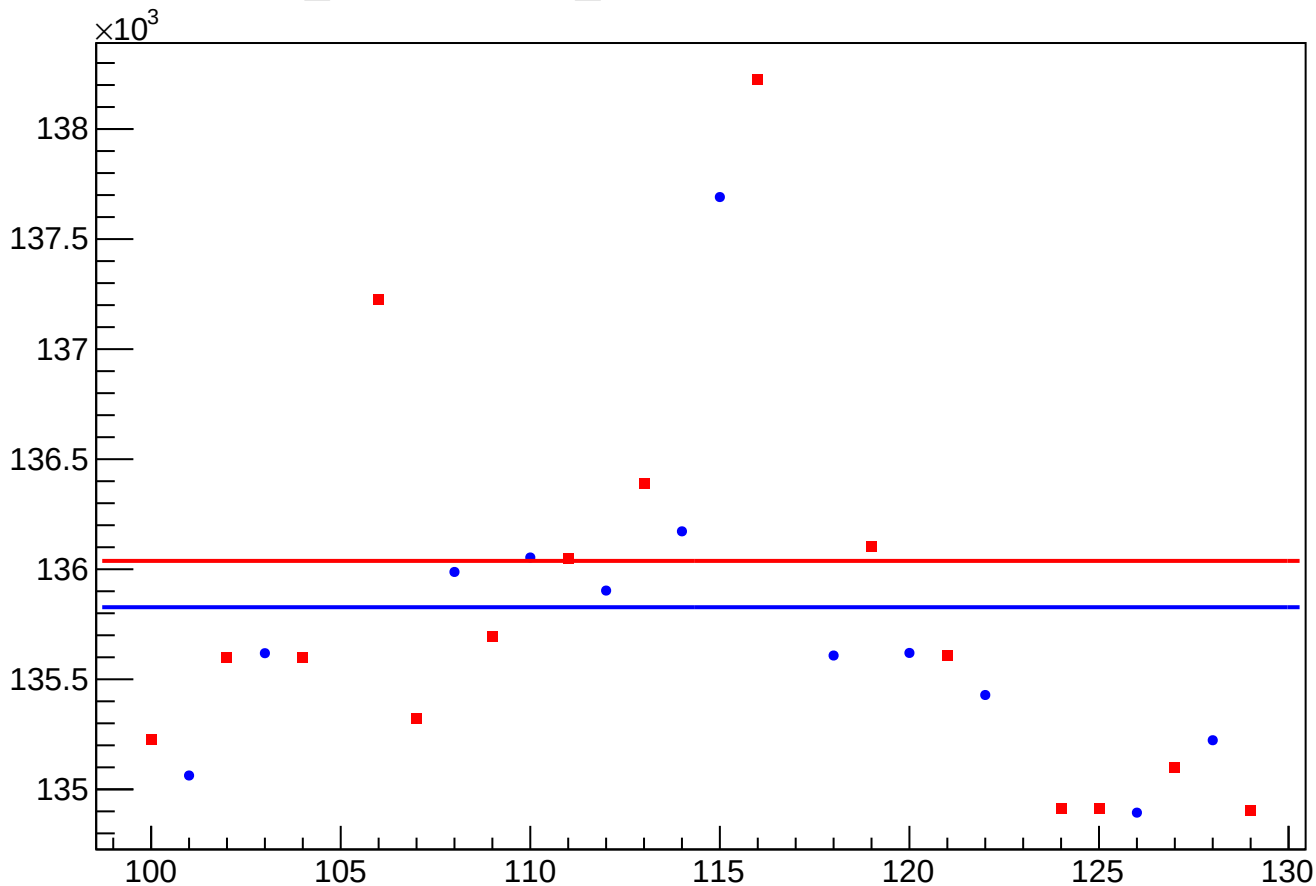
Right: 255.237+/-0.058 χ^2/NDF : 1697381.8/26

In: 251.965+/-0.085 χ^2/NDF :844107.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

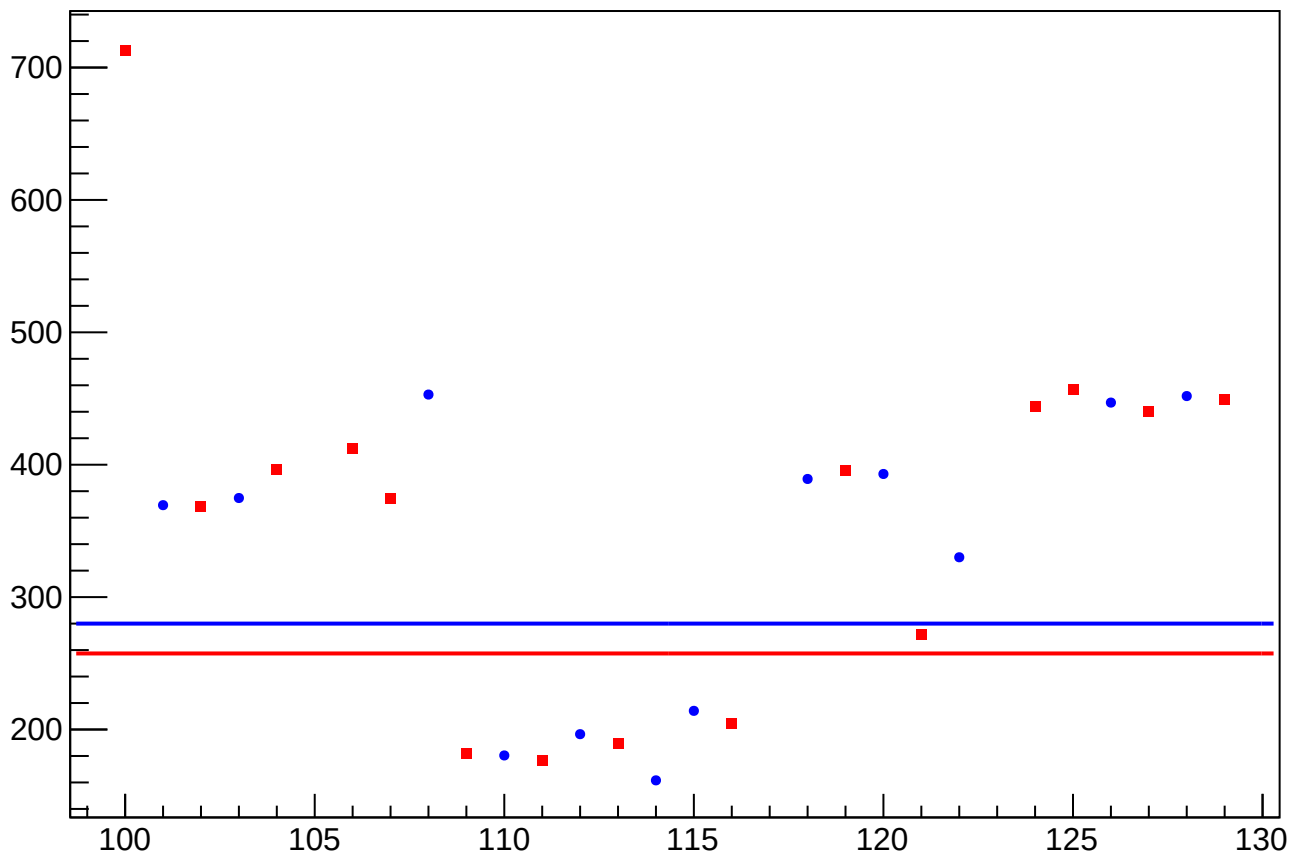
All: 255.237+/-0.058 χ^2/NDF : 1697381.8/26

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 135827.532+/-0.136 χ^2 /NDF: 17733047.1/11
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 135949.453+/-0.088 χ^2 /NDF: 64184222.8/26
 Right Out: 136037.930+/-0.116 χ^2 /NDF: 45070443.3/14
 In: 135827.532+/-0.136 χ^2 /NDF: 17733047.1/11
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 135949.453+/-0.088 χ^2 /NDF: 64184222.8/26

yield_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 279.990+/-0.096 χ^2/NDF : 1189614.8/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

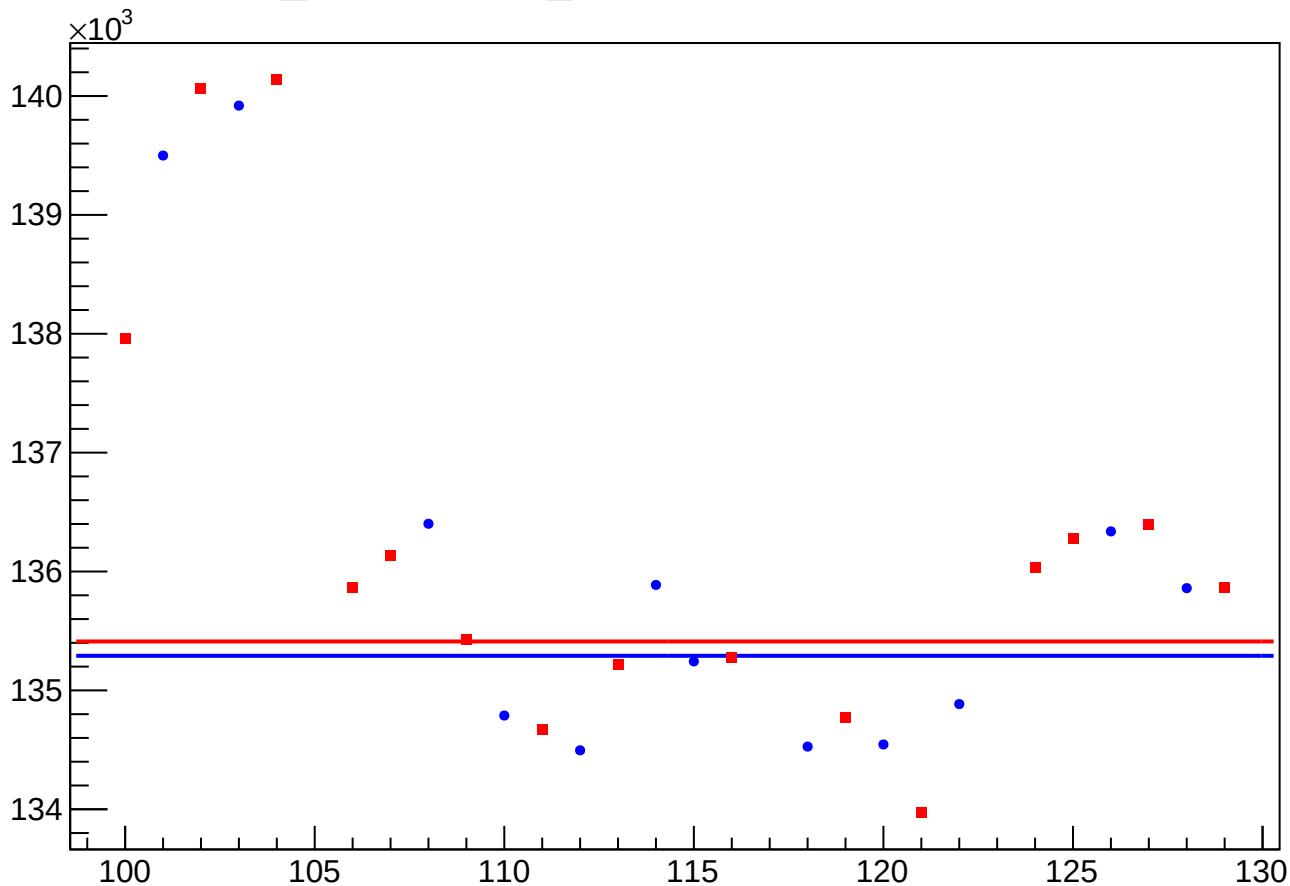
Right: 266.919+/-0.063 χ^2/NDF : 2774380.3/26

In: 279.990+/-0.096 χ^2/NDF :1189614.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 266.919+/-0.063 χ^2/NDF : 2774380.3/26

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right In: 135290.884+/-0.064 χ^2/NDF : 302544978.6/11

Right: 135358.003+/-0.043 χ^2/NDF : 604239296.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135411.597+/-0.057 χ^2/NDF : 299710225.4/14

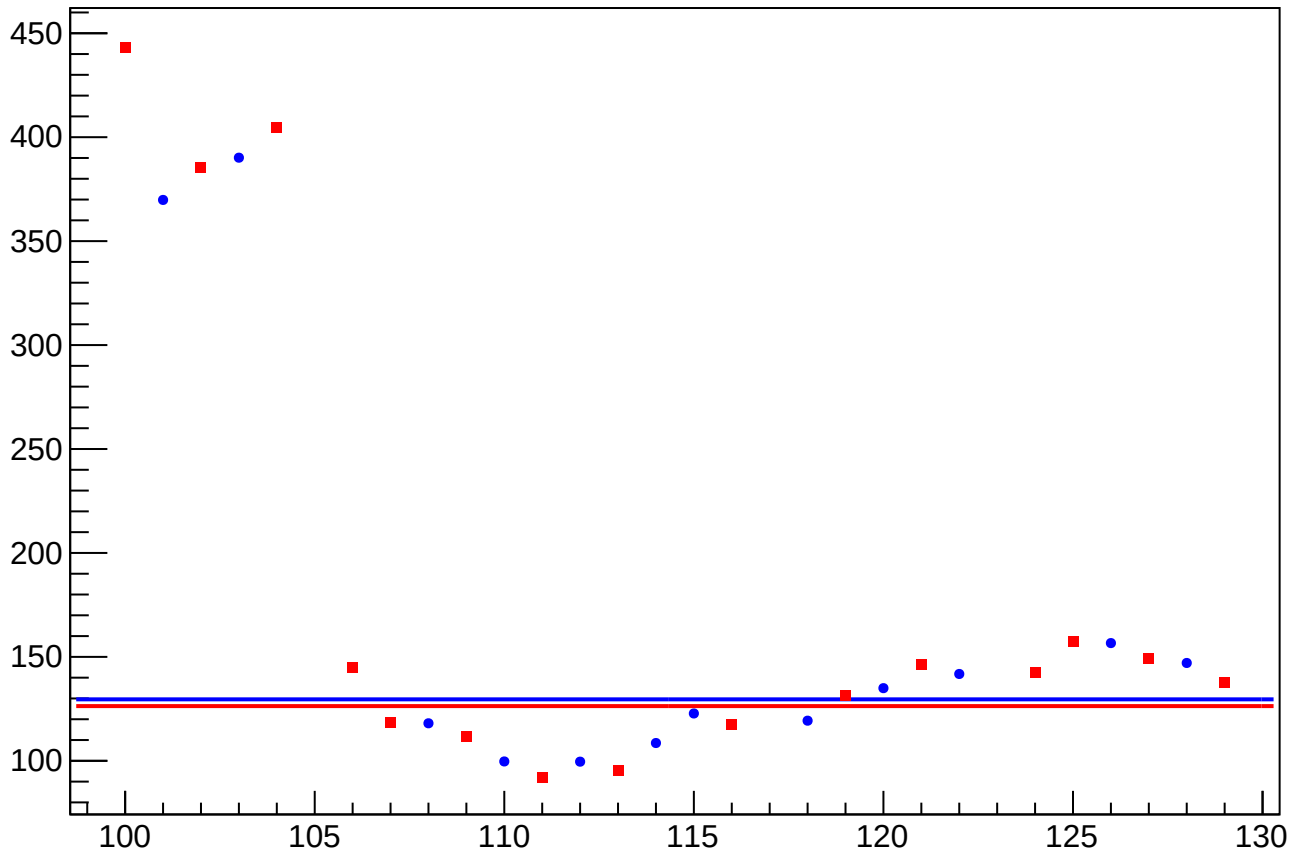
In: 135290.884+/-0.064 χ^2/NDF : 302544978.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135358.003+/-0.043 χ^2/NDF : 604239296.6/2

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 129.576+/-0.045 χ^2/NDF : 1299336.6/11

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

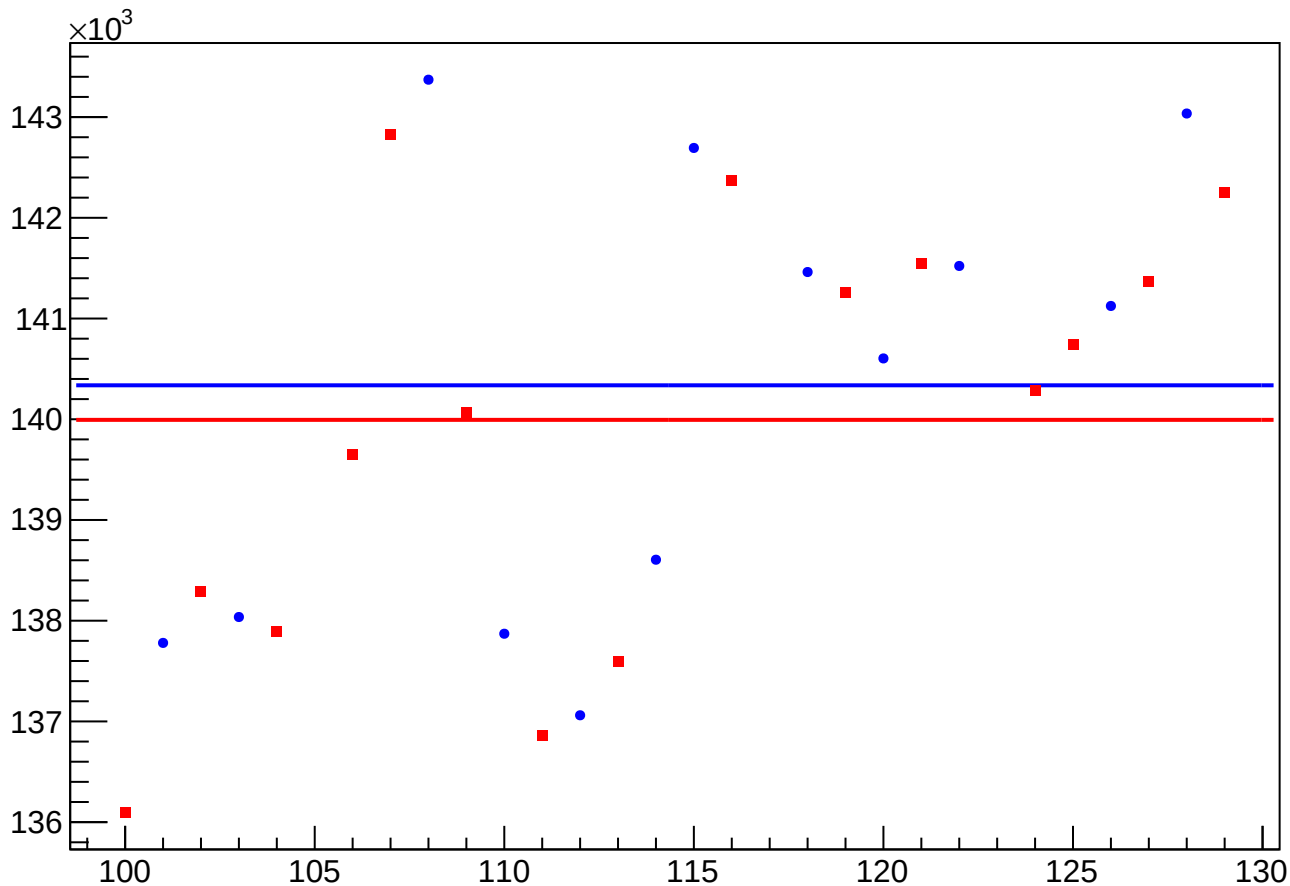
Right: 127.768+/-0.030 χ^2/NDF : 2766905.9/26

In: 129.576+/-0.045 χ^2/NDF : 1299336.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.768+/-0.030 χ^2/NDF : 2766905.9/26

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 140337.034+/-0.074 χ^2 /NDF: 874733075.0/11

Right: 140144.649+/-0.049 χ^2 /NDF: 1818280526.7

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

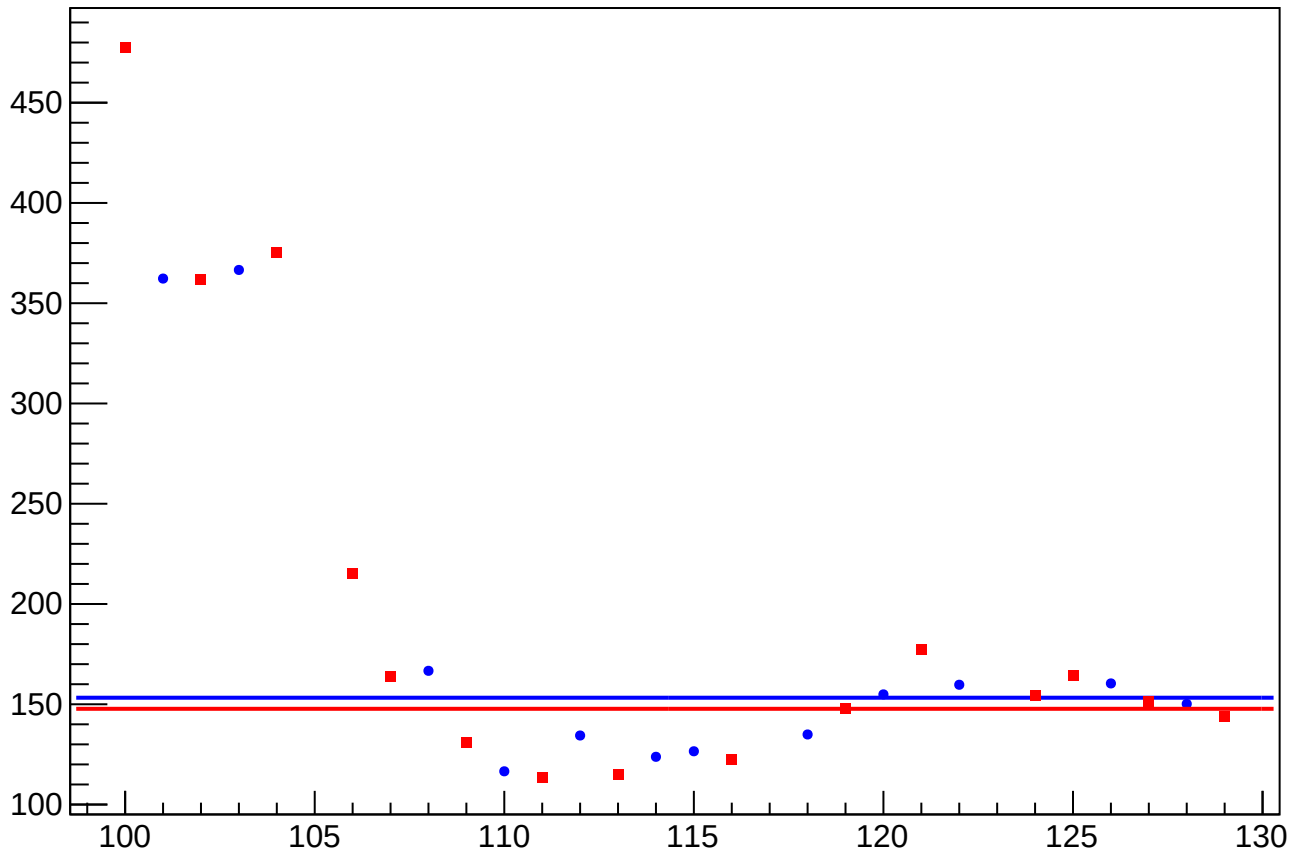
Right Out: 139993.953+/-0.066 χ^2 /NDF: 931582051.3/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 140144.649+/-0.049 χ^2 /NDF: 181828052

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 153.268 $\pm$ 0.053 χ^2 /NDF: 983761.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 147.737 $\pm$ 0.046 χ^2 /NDF: 1173196.6/14

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

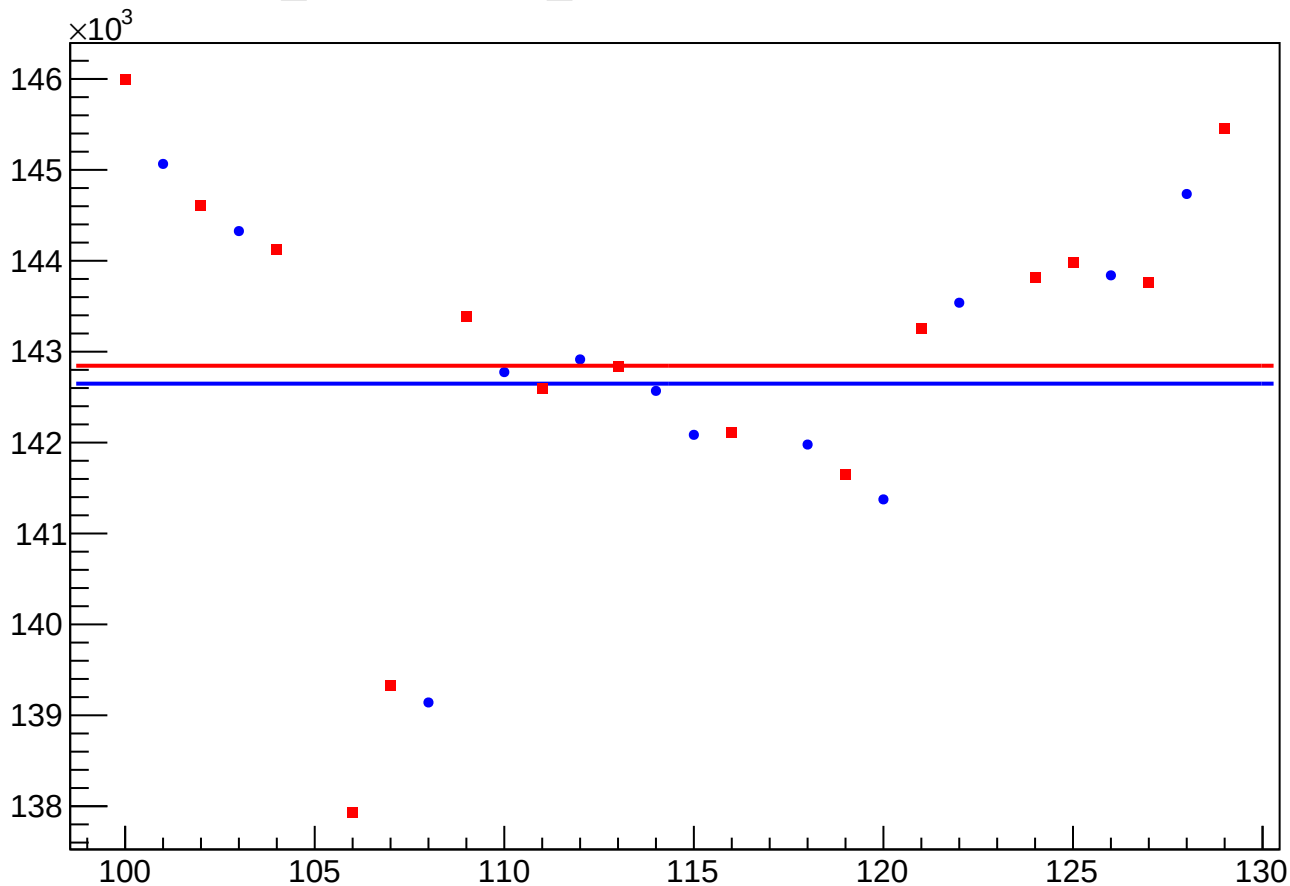
Right: 150.166 $\pm$ 0.035 χ^2 /NDF: 2163178.9/26

In: 153.268 $\pm$ 0.053 χ^2 /NDF:983761.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 150.166 $\pm$ 0.035 χ^2 /NDF: 2163178.9/26

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 142648.314+/-0.080 χ^2 /NDF: 409389570.6/11

Right: 142761.861+/-0.052 χ^2 /NDF: 952569492.6/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

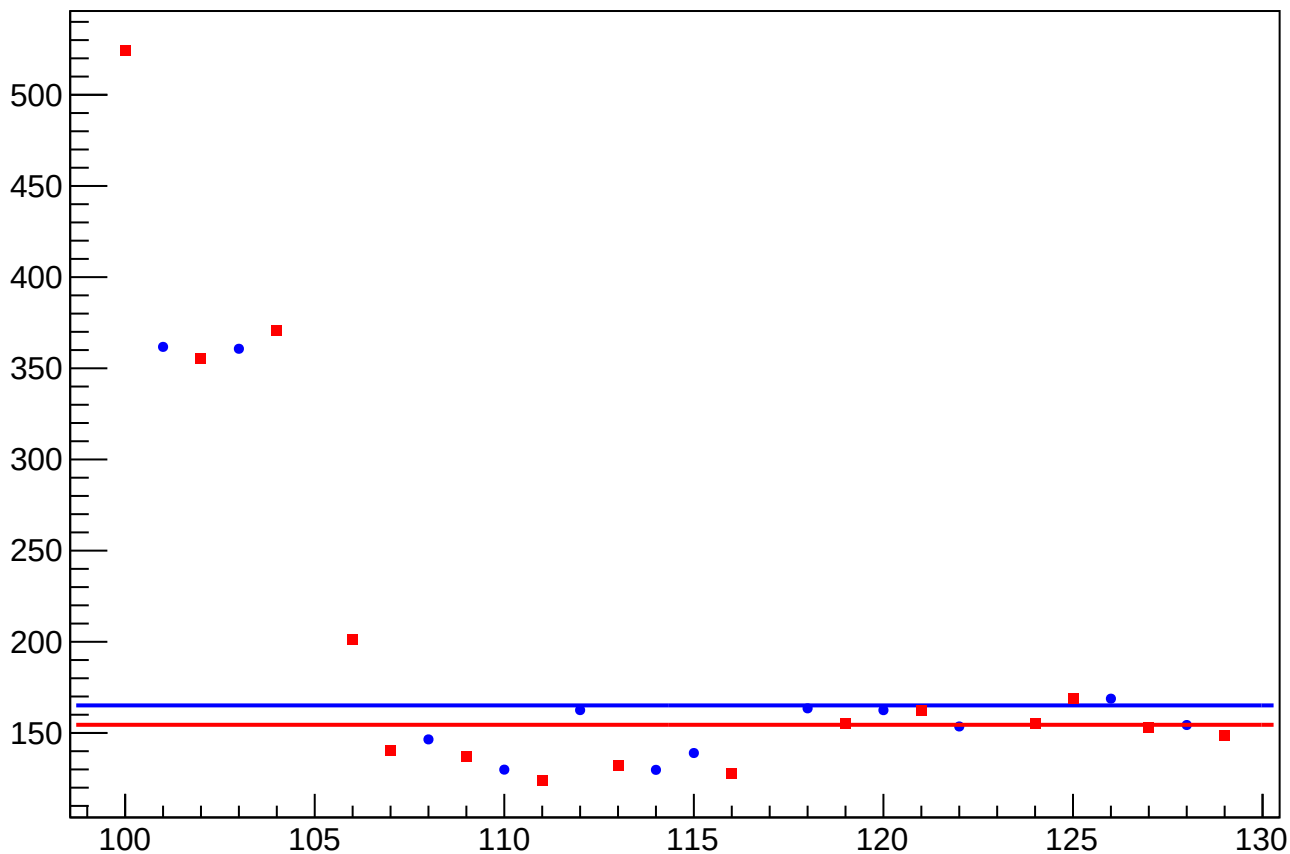
Right Out: 142845.385+/-0.068 χ^2 /NDF: 539641156.3/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 142761.861+/-0.052 χ^2 /NDF: 952569492.6/2

yield_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 165.118 $\pm$ 0.056 χ^2 /NDF: 840136.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 154.476 $\pm$ 0.048 χ^2 /NDF: 991121.0/14

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

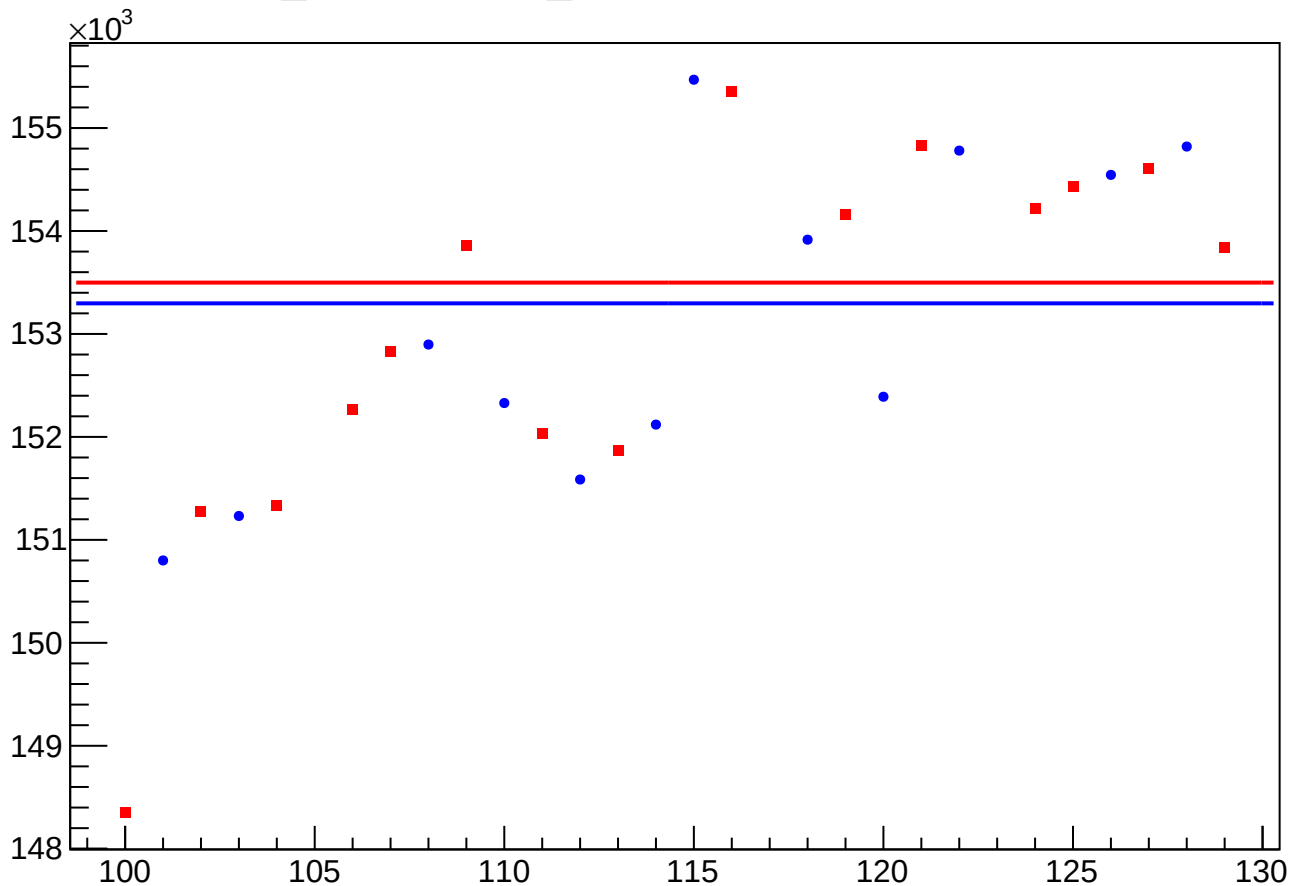
Right: 158.986 $\pm$ 0.037 χ^2 /NDF: 1851895.2/26

In: 165.118 $\pm$ 0.056 χ^2 /NDF: 840136.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 158.986 $\pm$ 0.037 χ^2 /NDF: 1851895.2/26

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 153297.042+/-0.091 χ^2 /NDF: 224765246.2/11

Right: 153417.517+/-0.058 χ^2 /NDF: 484012090.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

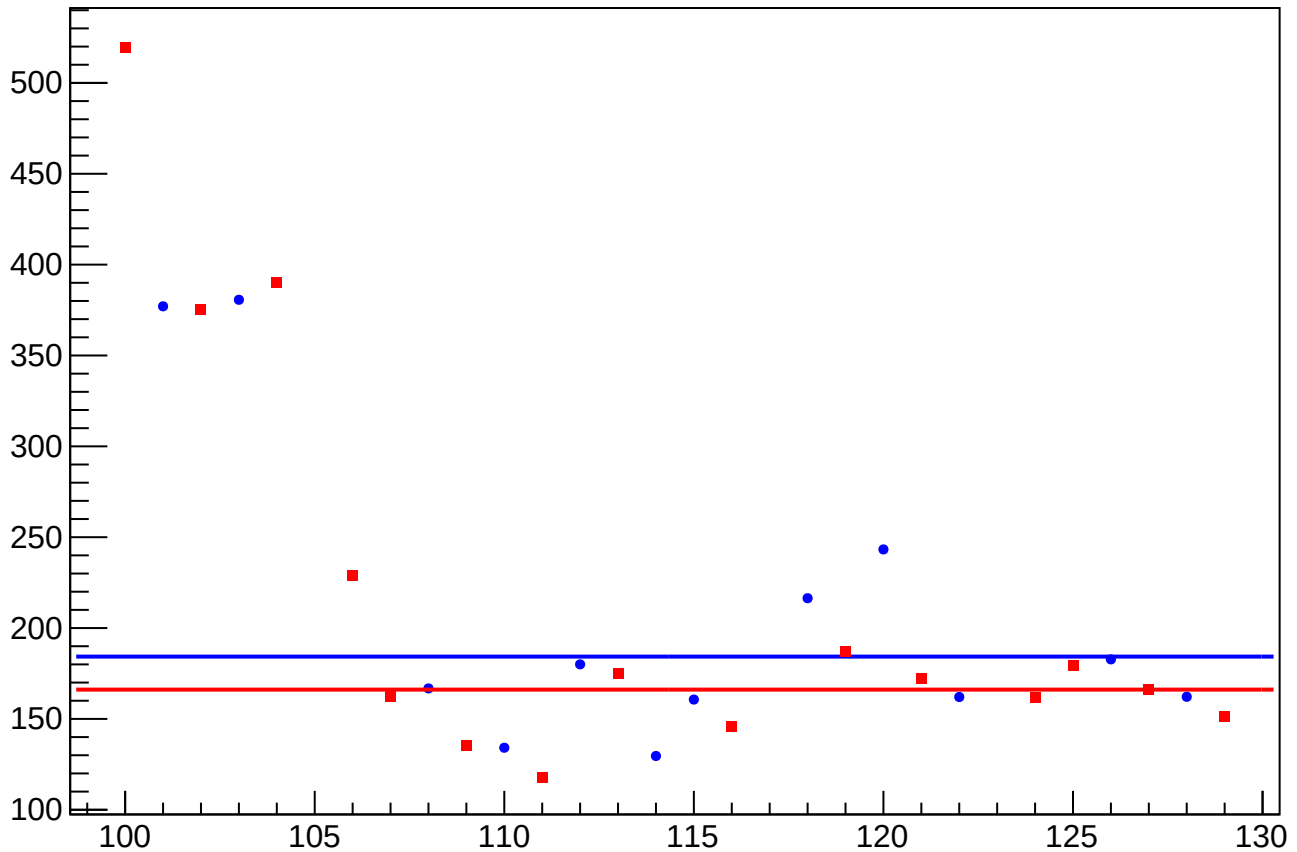
Right Out: 153498.776+/-0.075 χ^2 /NDF: 256324045.5/14

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 153417.517+/-0.058 χ^2 /NDF: 484012090.2/2

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 184.297+/-0.064 χ^2/NDF : 892677.0/11

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

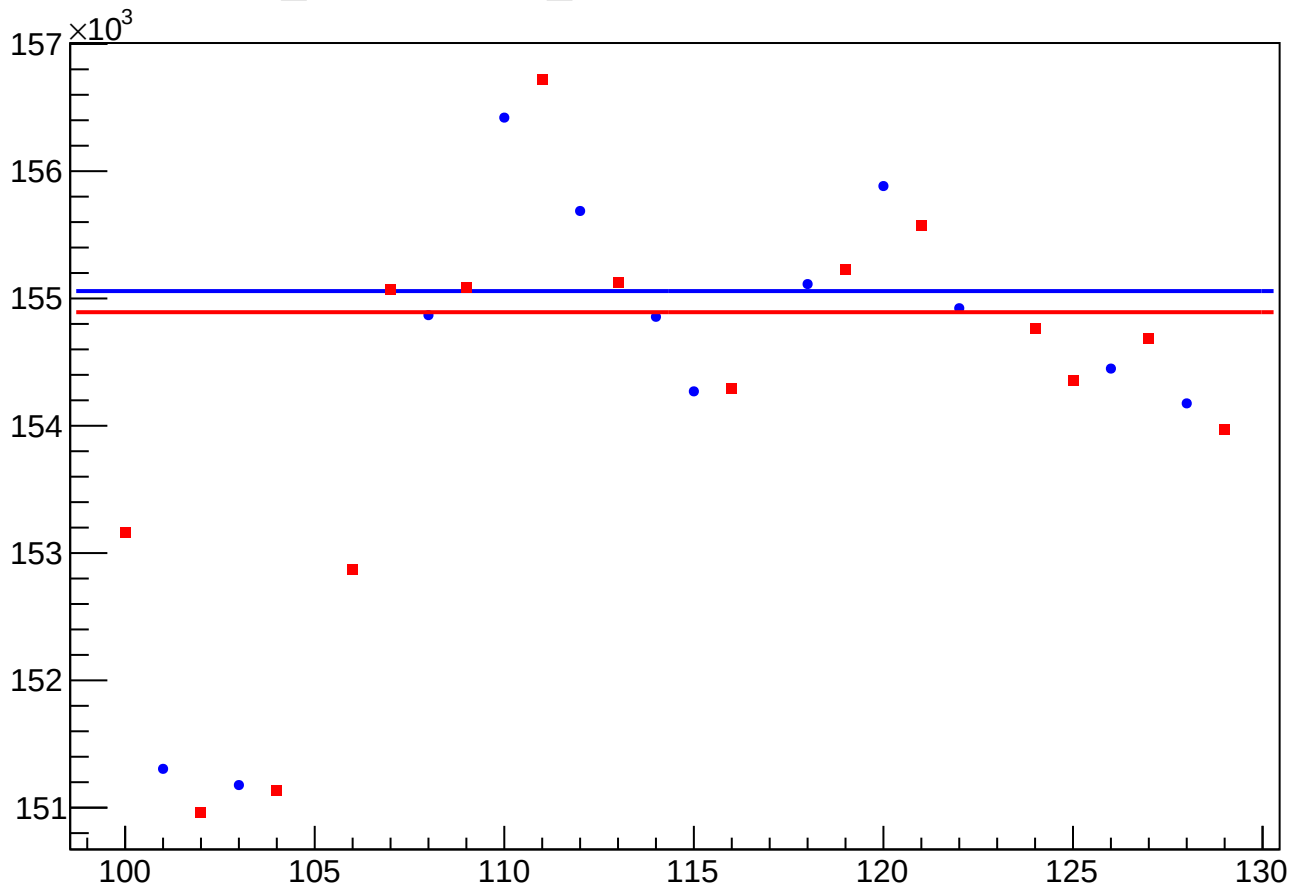
Right: 173.446+/-0.041 χ^2/NDF : 2014621.7/26

In: 184.297+/-0.064 χ^2/NDF :892677.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 173.446+/-0.041 χ^2/NDF : 2014621.7/26

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 155058.075+/-0.076 χ^2 /NDF: 201157654.2/11

Right: 154964.762+/-0.051 χ^2 /NDF: 493419752.5/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 154892.222+/-0.067 χ^2 /NDF: 289616891.6/14

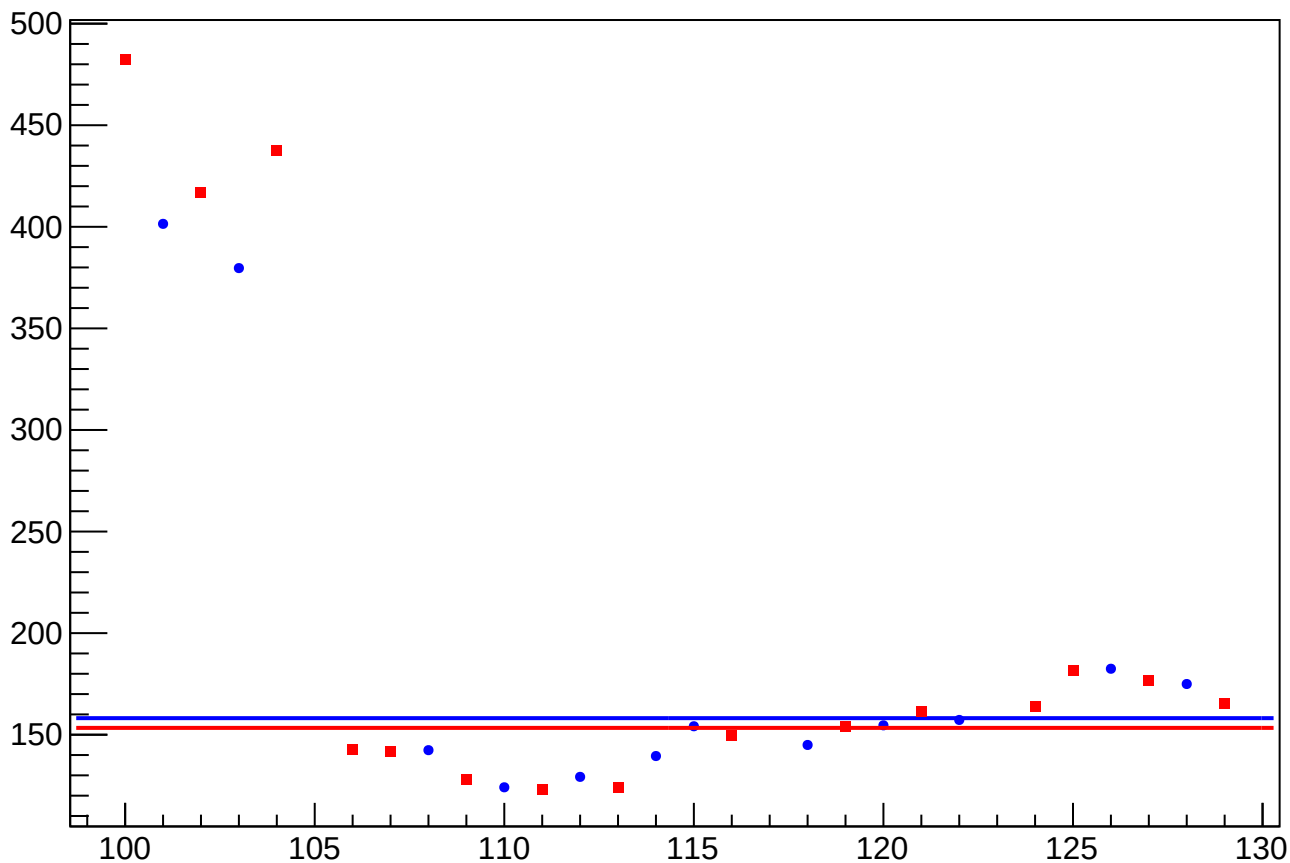
In: 155058.075+/-0.076 χ^2 /NDF: 201157654.2/11

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 154964.762+/-0.051 χ^2 /NDF: 493419752

yield_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 158.156+/-0.054 χ^2/NDF : 1010671.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

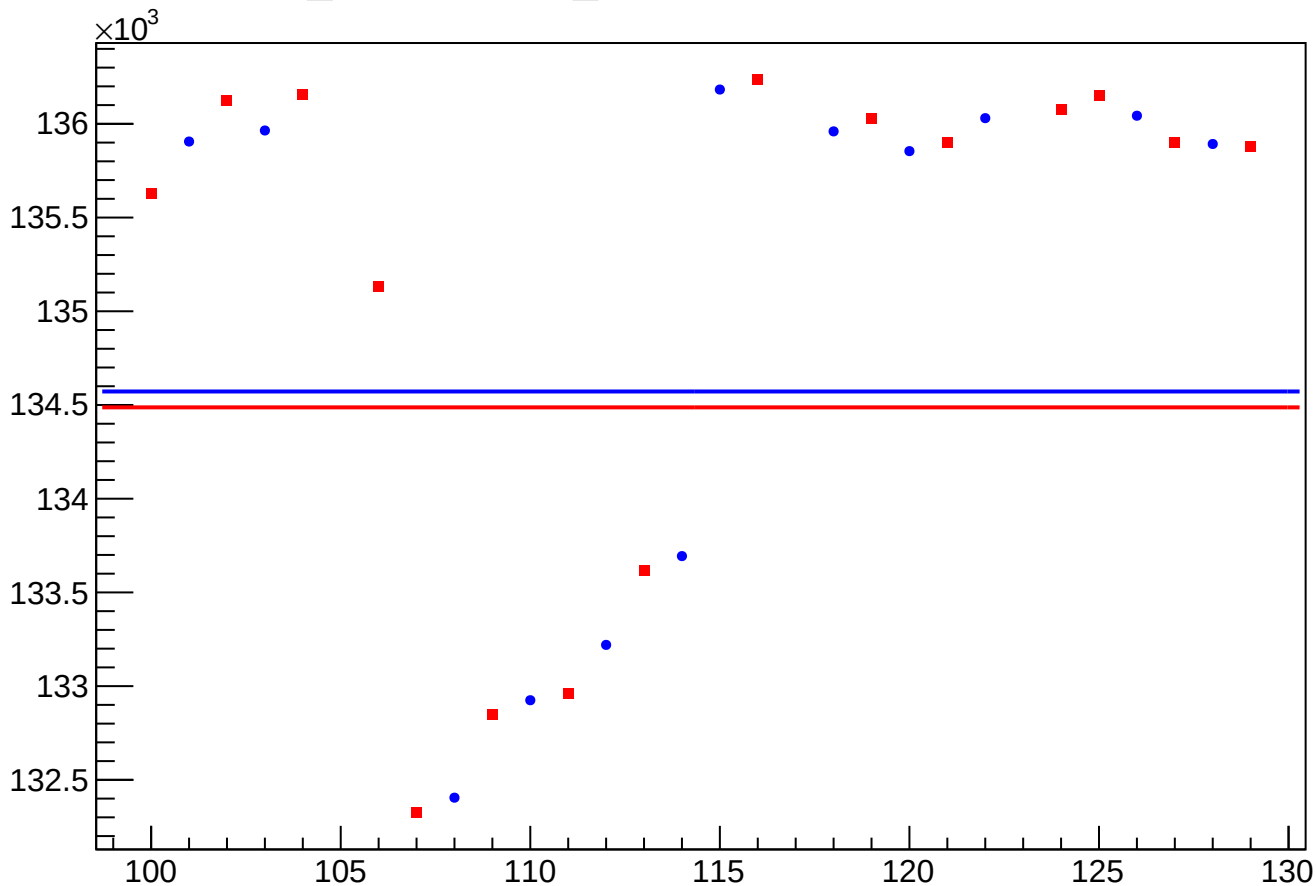
Right: 155.459+/-0.036 χ^2/NDF : 2225842.8/26

In: 158.156+/-0.054 χ^2/NDF : 1010671.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

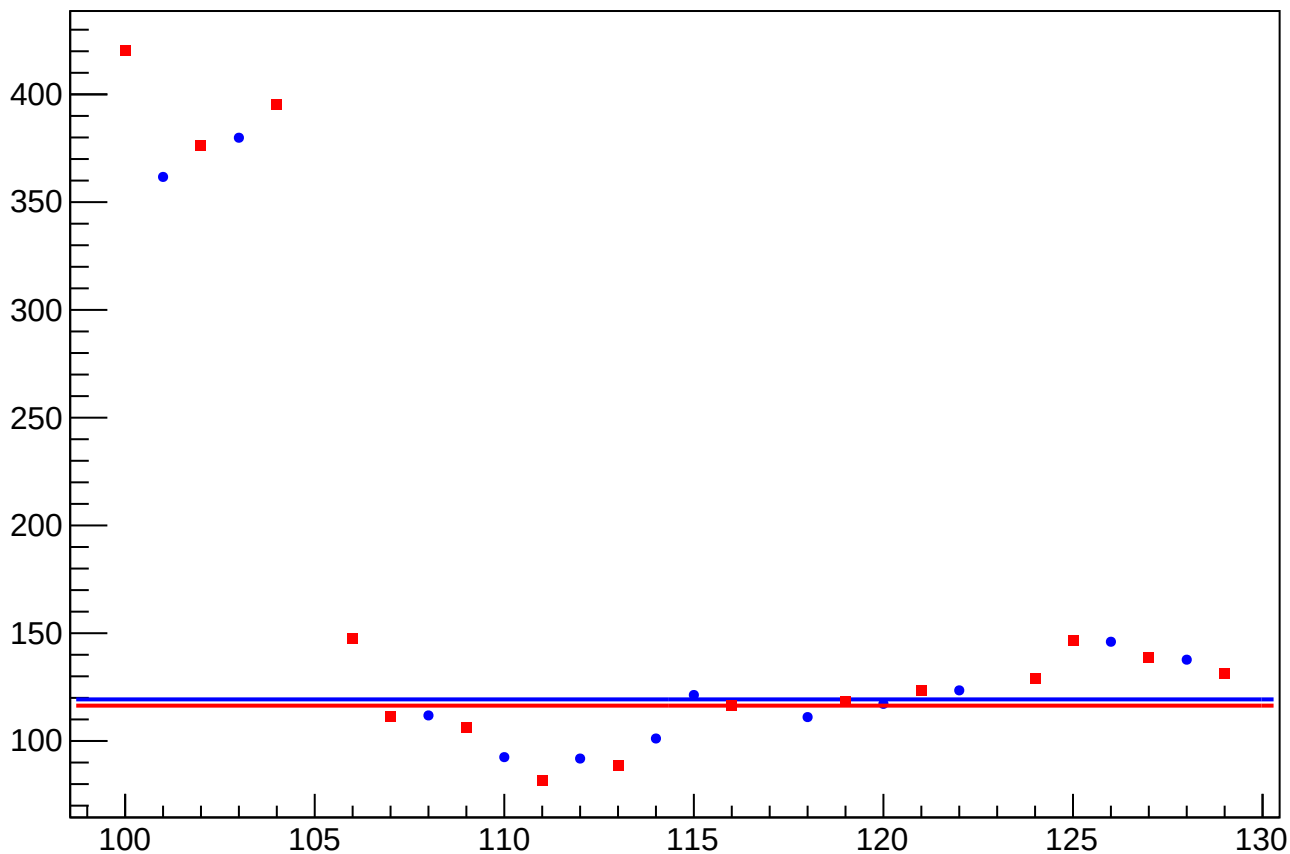
All: 155.459+/-0.036 χ^2/NDF : 2225842.8/26

yield_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: 134572.081 $\pm$ 0.059 χ^2 /NDF: 661130642.0/11
 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: 134524.998 $\pm$ 0.039 χ^2 /NDF: 1453040224.3
 In: 134572.081 $\pm$ 0.059 χ^2 /NDF: 661130642.0/11
 Right Out: 134487.311 $\pm$ 0.053 χ^2 /NDF: 790756201.9/14
 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: 134524.998 $\pm$ 0.039 χ^2 /NDF: 145304022

yield_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 119.301+/-0.042 χ^2/NDF : 1355185.8/11

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

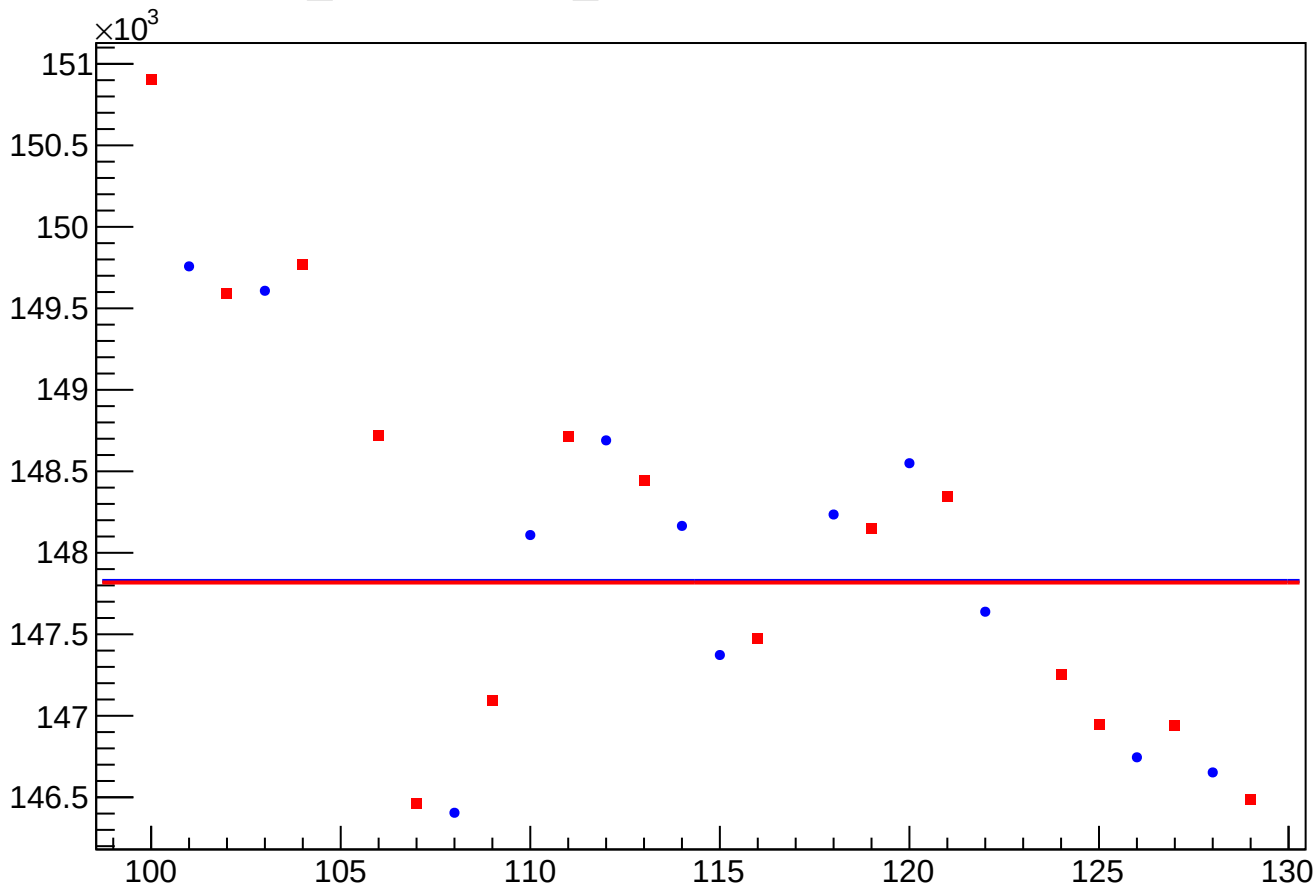
Right: 117.690+/-0.028 χ^2/NDF : 2907404.7/26

In: 119.301+/-0.042 χ^2/NDF :1355185.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

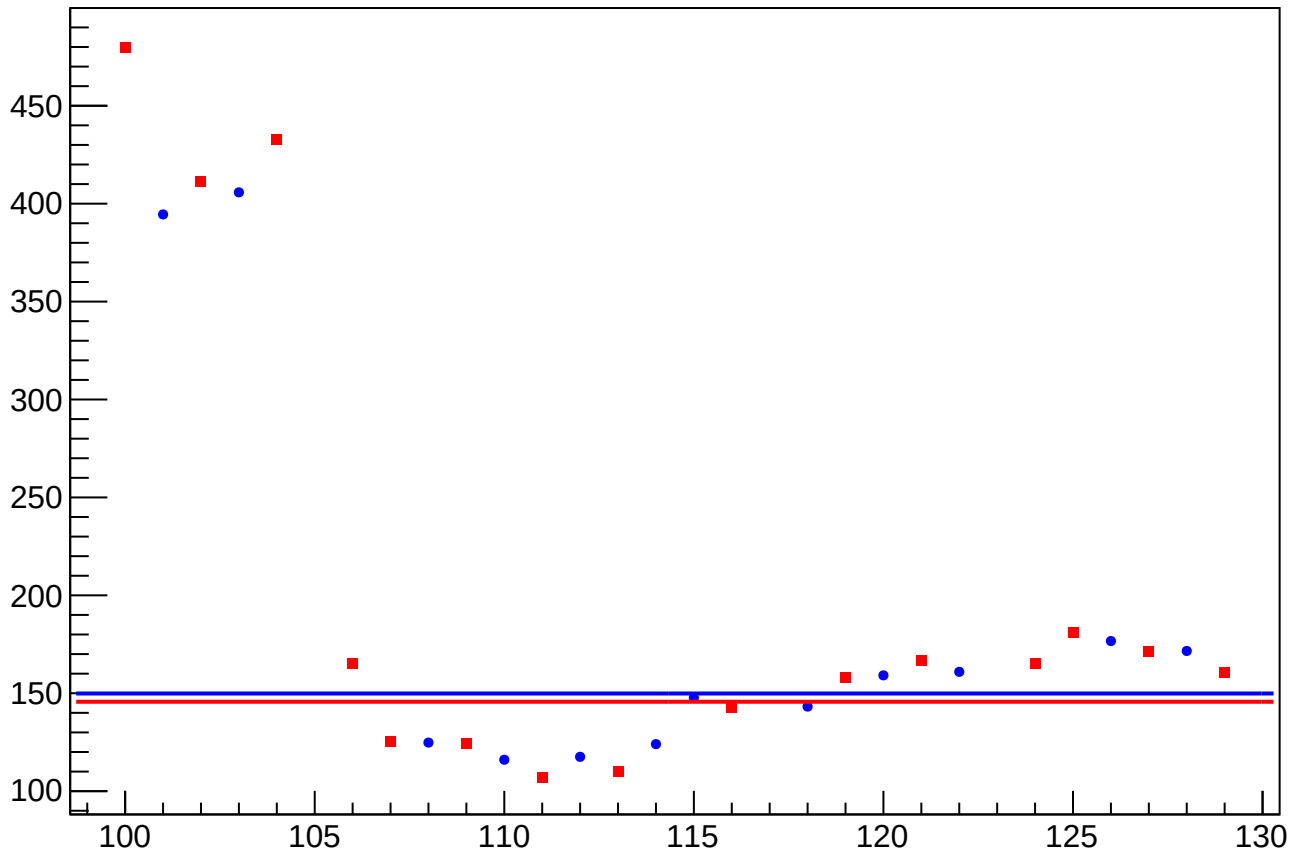
All: 117.690+/-0.028 χ^2/NDF : 2907404.7/26

yield_bpm1i06WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 147827.409+/-0.073 χ^2 /NDF: 152405704.8/11
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 147821.953+/-0.049 χ^2 /NDF: 333289122.4/2
 In: 147827.409+/-0.073 χ^2 /NDF: 152405704.8/11
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 147821.953+/-0.049 χ^2 /NDF: 333289122.4/2

yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 149.880+/-0.052 χ^2/NDF : 1189911.8/11

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

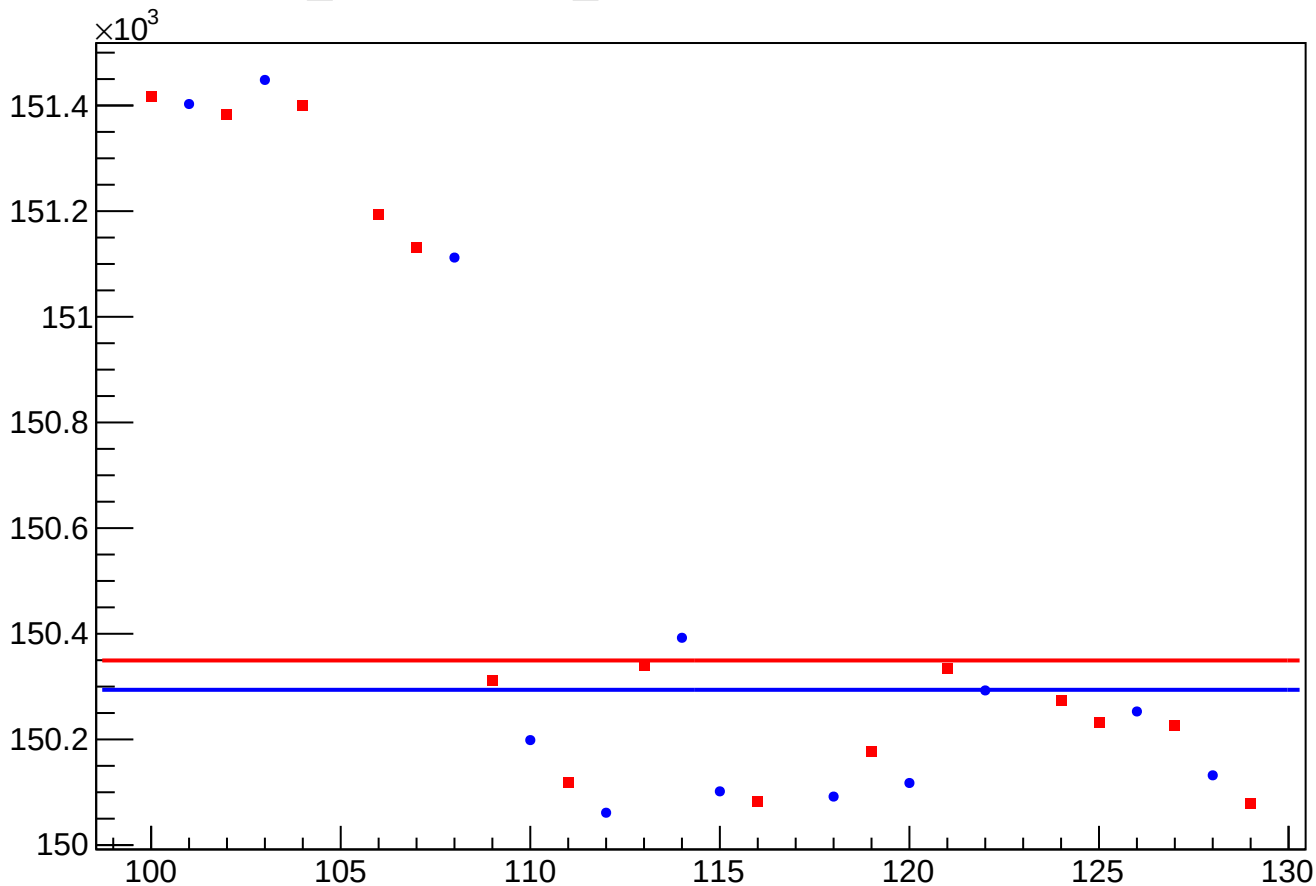
Right: 147.524+/-0.034 χ^2/NDF : 2593820.4/26

In: 149.880+/-0.052 χ^2/NDF : 1189911.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.524+/-0.034 χ^2/NDF : 2593820.4/26

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 150293.923 $\pm$ 0.063 χ^2 /NDF: 33745381.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 150349.477 $\pm$ 0.056 χ^2 /NDF: 37448402.0/14

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

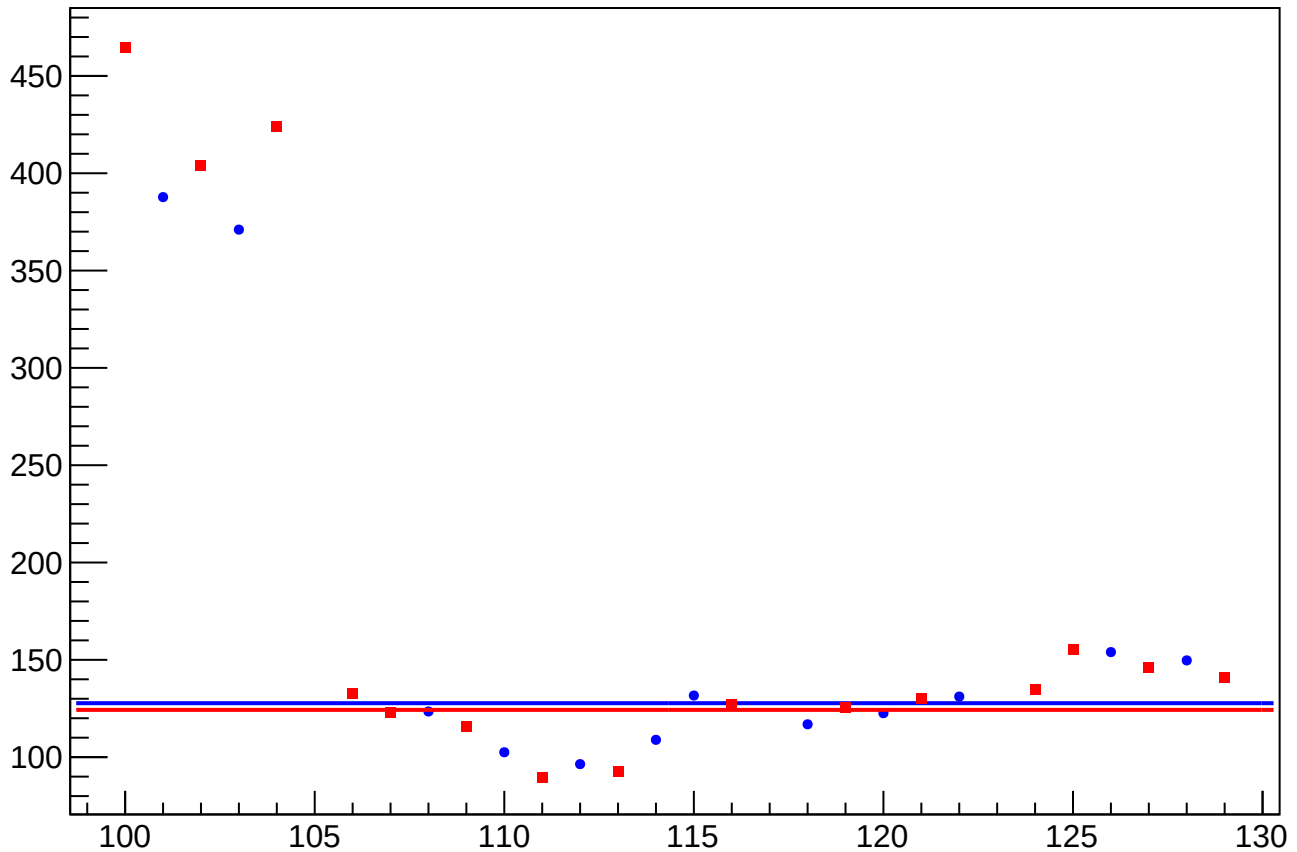
Right: 150325.094 $\pm$ 0.042 χ^2 /NDF: 71630803.2/26

In: 150293.923 $\pm$ 0.063 χ^2 /NDF:33745381.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 150325.094 $\pm$ 0.042 χ^2 /NDF: 71630803.2/26

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 127.728 $\pm$ 0.045 χ^2 /NDF: 1273466.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 124.285 $\pm$ 0.039 χ^2 /NDF: 1513685.3/14

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

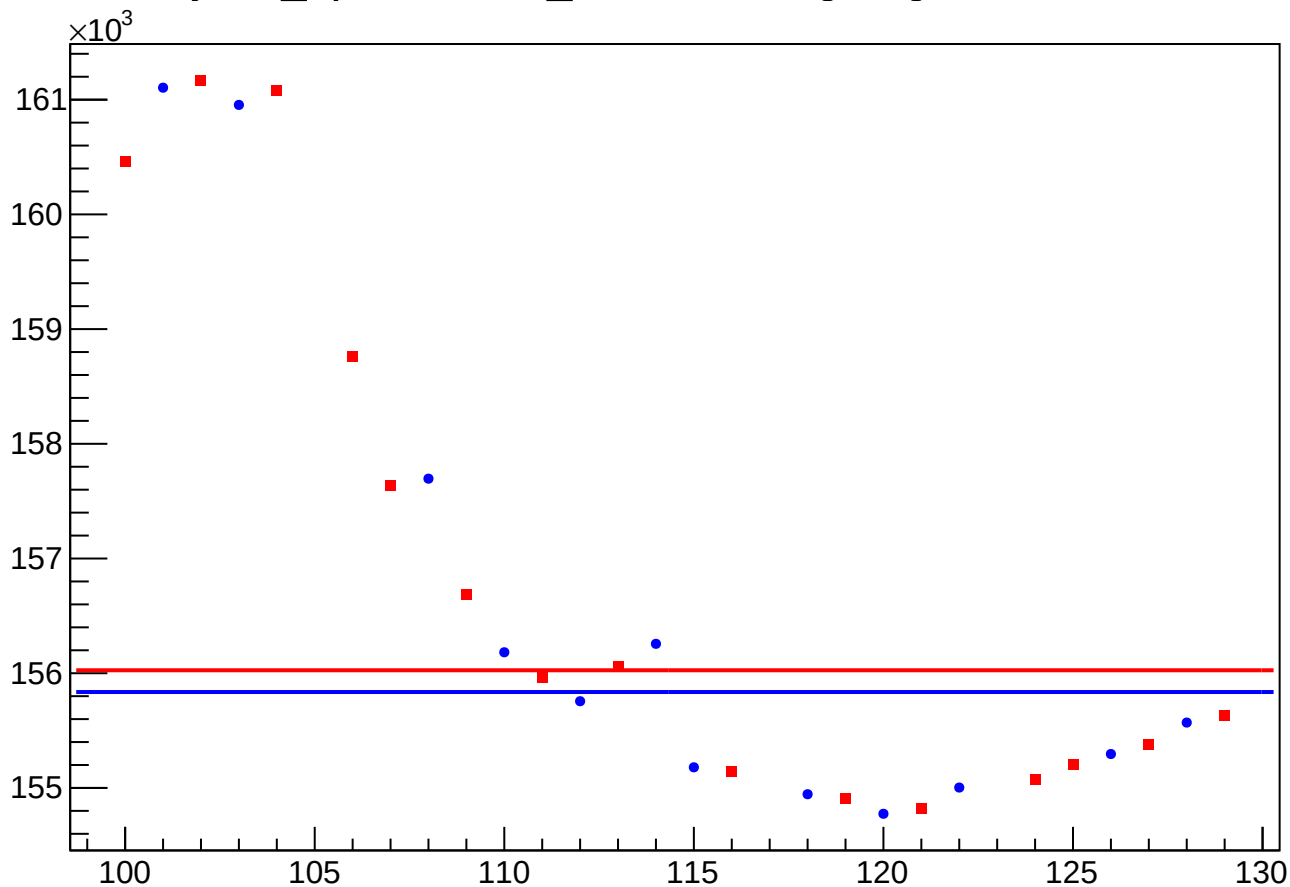
Right: 125.796 $\pm$ 0.029 χ^2 /NDF: 2790510.8/26

In: 127.728 $\pm$ 0.045 χ^2 /NDF:1273466.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 125.796 $\pm$ 0.029 χ^2 /NDF: 2790510.8/26

yield_bpm2i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 155836.155+/-0.065 χ^2 /NDF: 370751830.0/11

Right: 155942.316+/-0.043 χ^2 /NDF: 837679284.7/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 156025.709+/-0.058 χ^2 /NDF: 462227459.5/14

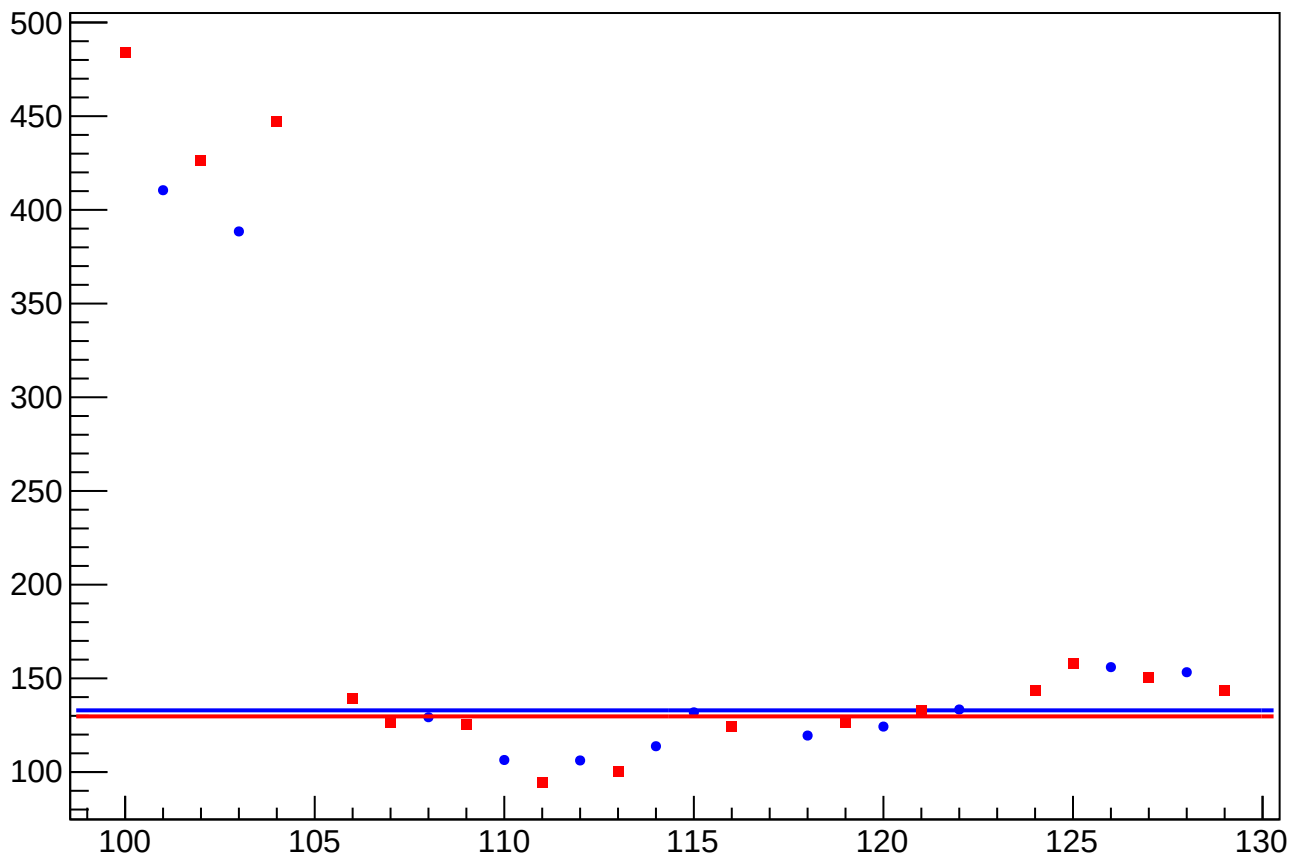
In: 155836.155+/-0.065 χ^2 /NDF: 370751830.0/11

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 155942.316+/-0.043 χ^2 /NDF: 837679284.7/2

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 132.933+/-0.046 χ^2/NDF : 1245628.0/11

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

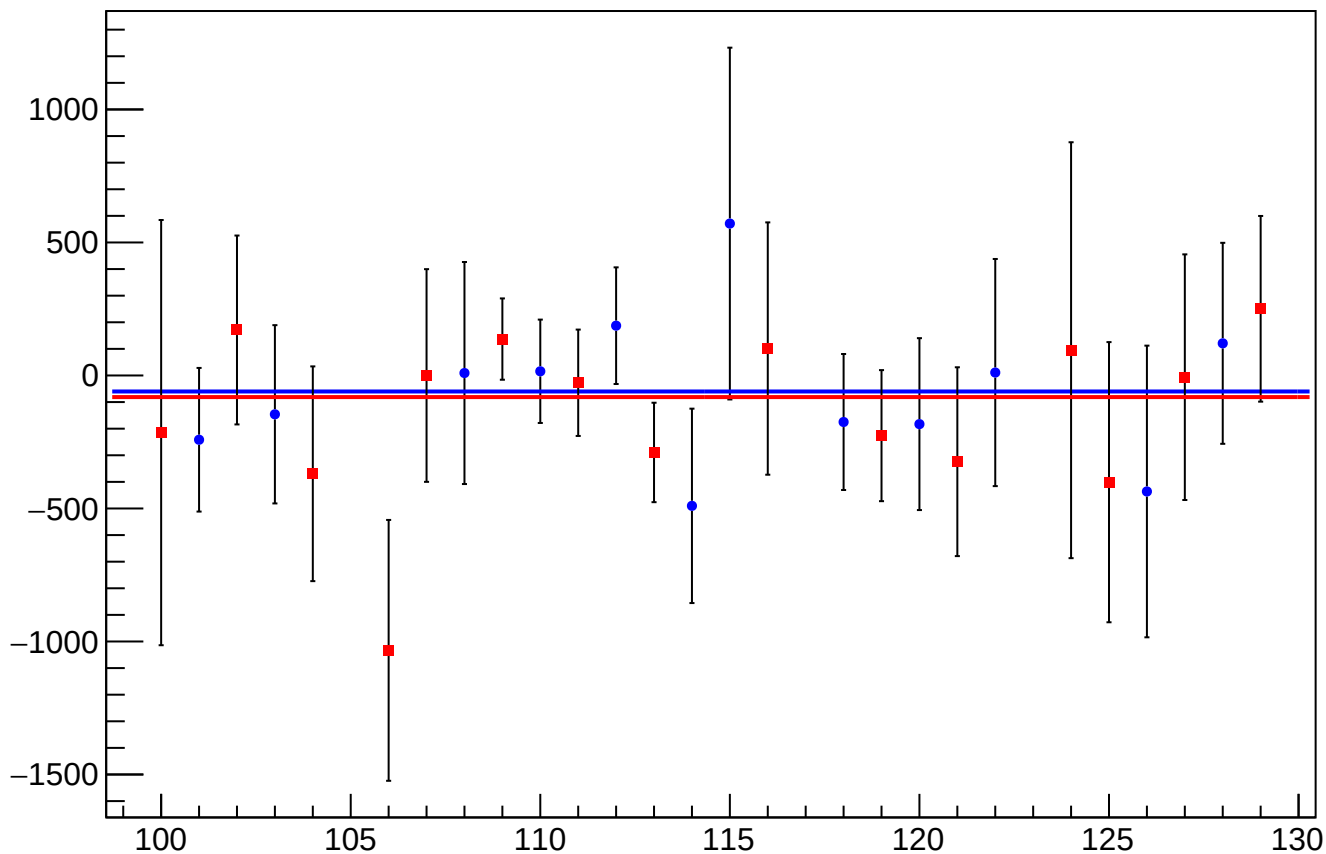
Right: 131.128+/-0.031 χ^2/NDF : 2725083.7/26

In: 132.933+/-0.046 χ^2/NDF : 1245628.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.128+/-0.031 χ^2/NDF : 2725083.7/26

asym_bcm_target_mean vs Slug, Sign Corrected



Right In: -60.176+/-89.038 χ^2 /NDF: 5.3/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -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

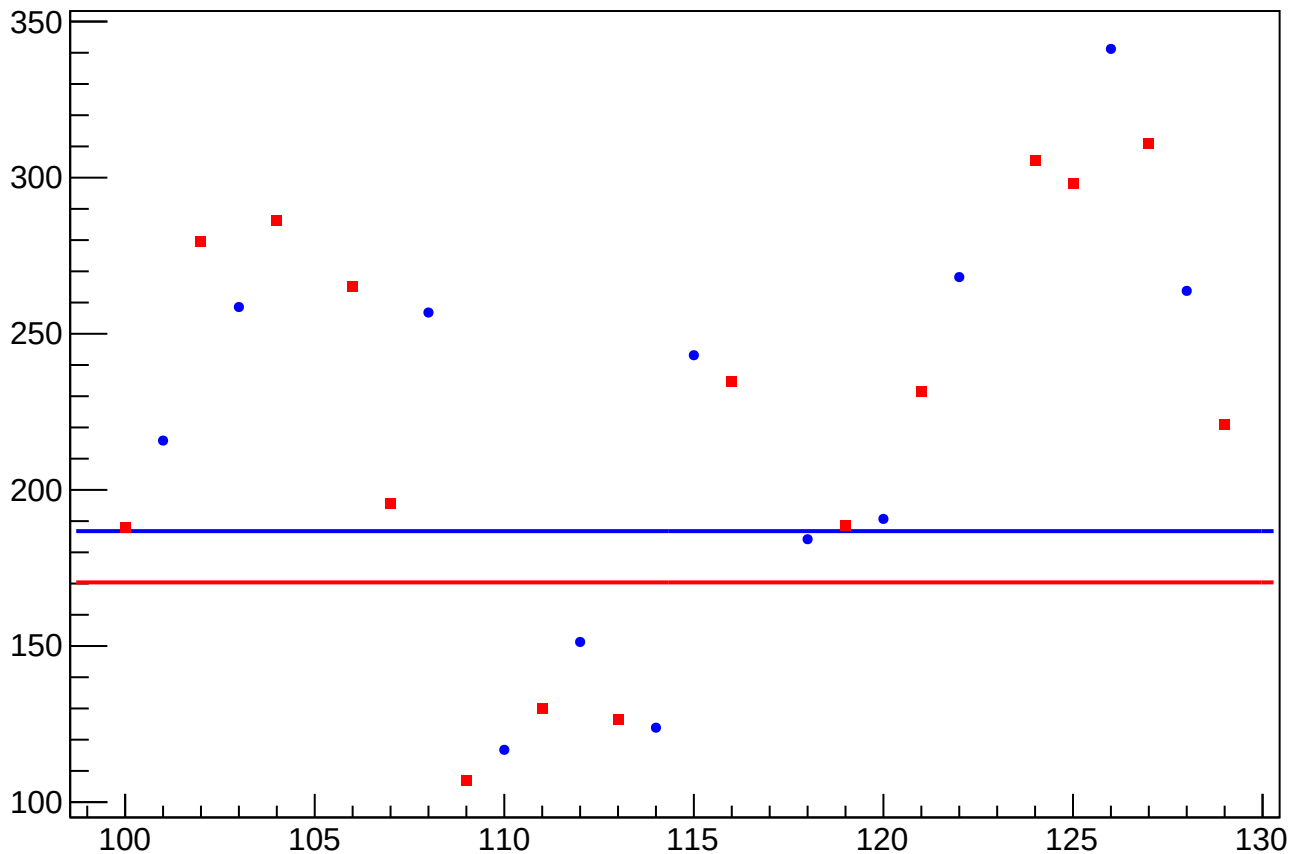
Right: -72.258+/-58.157 χ^2 /NDF: 15.9/26

In: -60.176+/-89.038 χ^2 /NDF:5.3/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -72.258+/-58.157 χ^2 /NDF: 15.9/26

asym_bcm_target_rms vs Slug, Sign Corrected



Right In: 186.794+/-0.063 χ^2/NDF : 872163.4/11

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

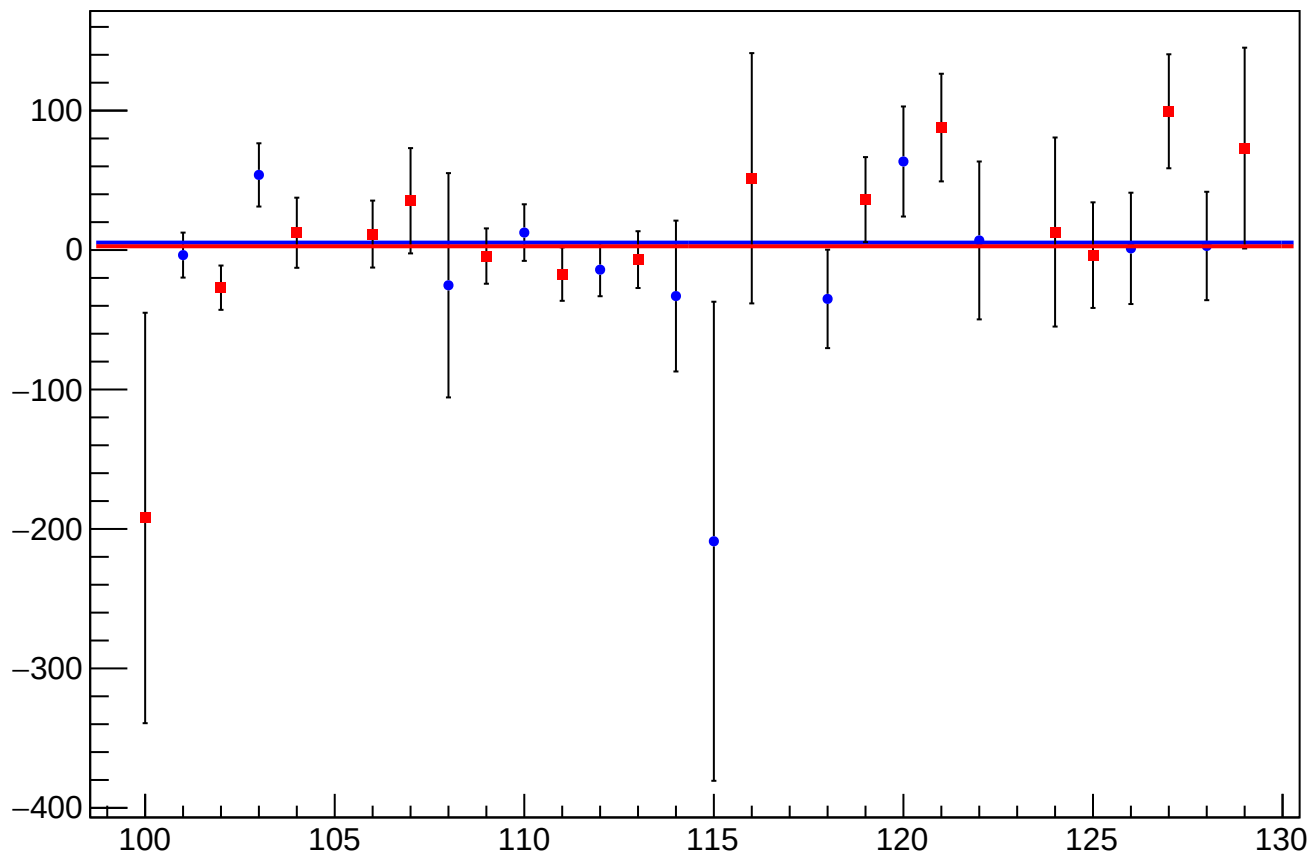
Right: 177.381+/-0.041 χ^2/NDF : 2400103.8/26

In: 186.794+/-0.063 χ^2/NDF : 872163.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.381+/-0.041 χ^2/NDF : 2400103.8/26

asym_bcm_an_diff_mean vs Slug, Sign Corrected



Right In: 5.327+/-8.289 χ^2/NDF : 11.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

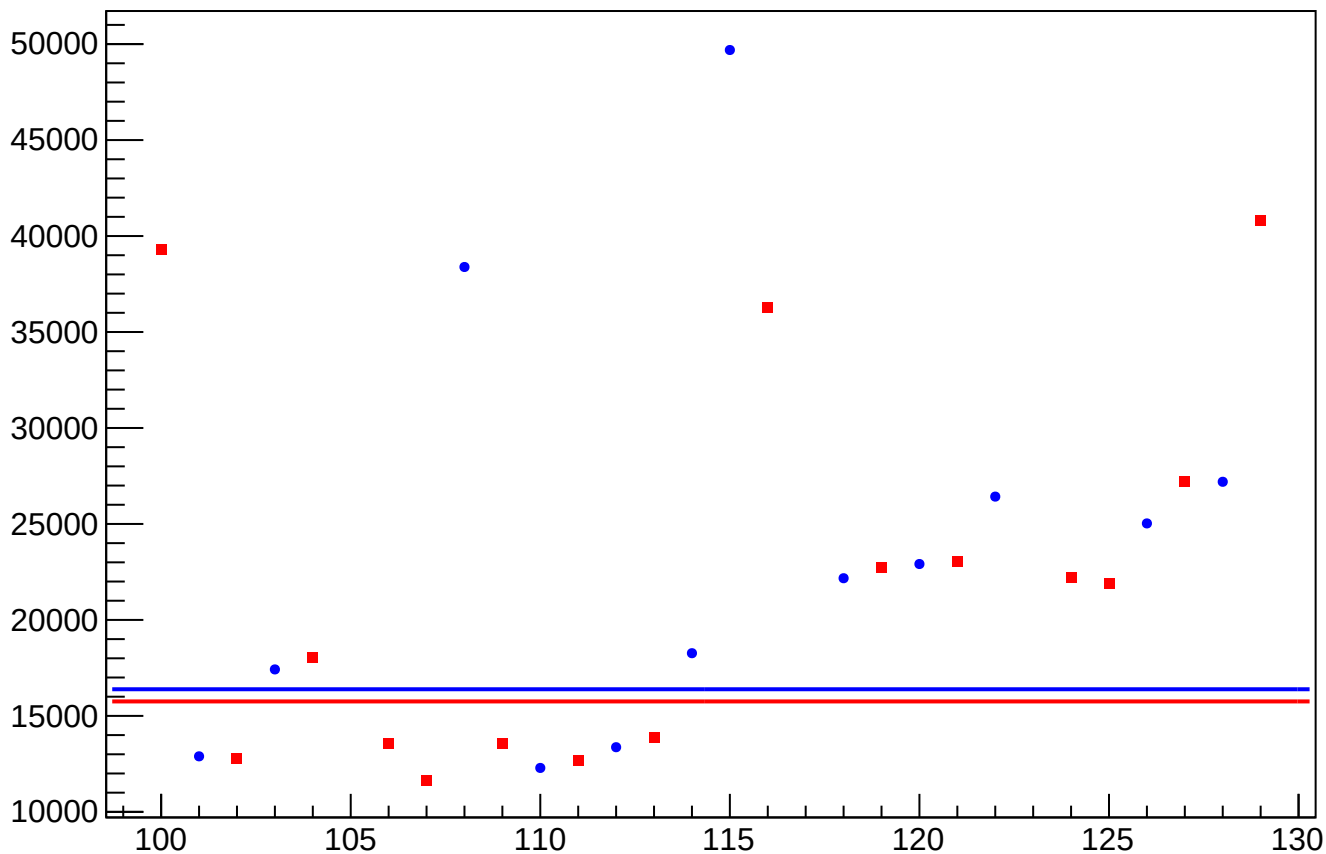
Right: 3.826+/-5.436 χ^2/NDF : 32.5/26

In: 5.327+/-8.289 χ^2/NDF : 11.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.826+/-5.436 χ^2/NDF : 32.5/26

asym_bcm_an_diff_rms vs Slug, Sign Corrected



Right In: 16387.943+/-5.861 χ^2/NDF : 876969.3/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

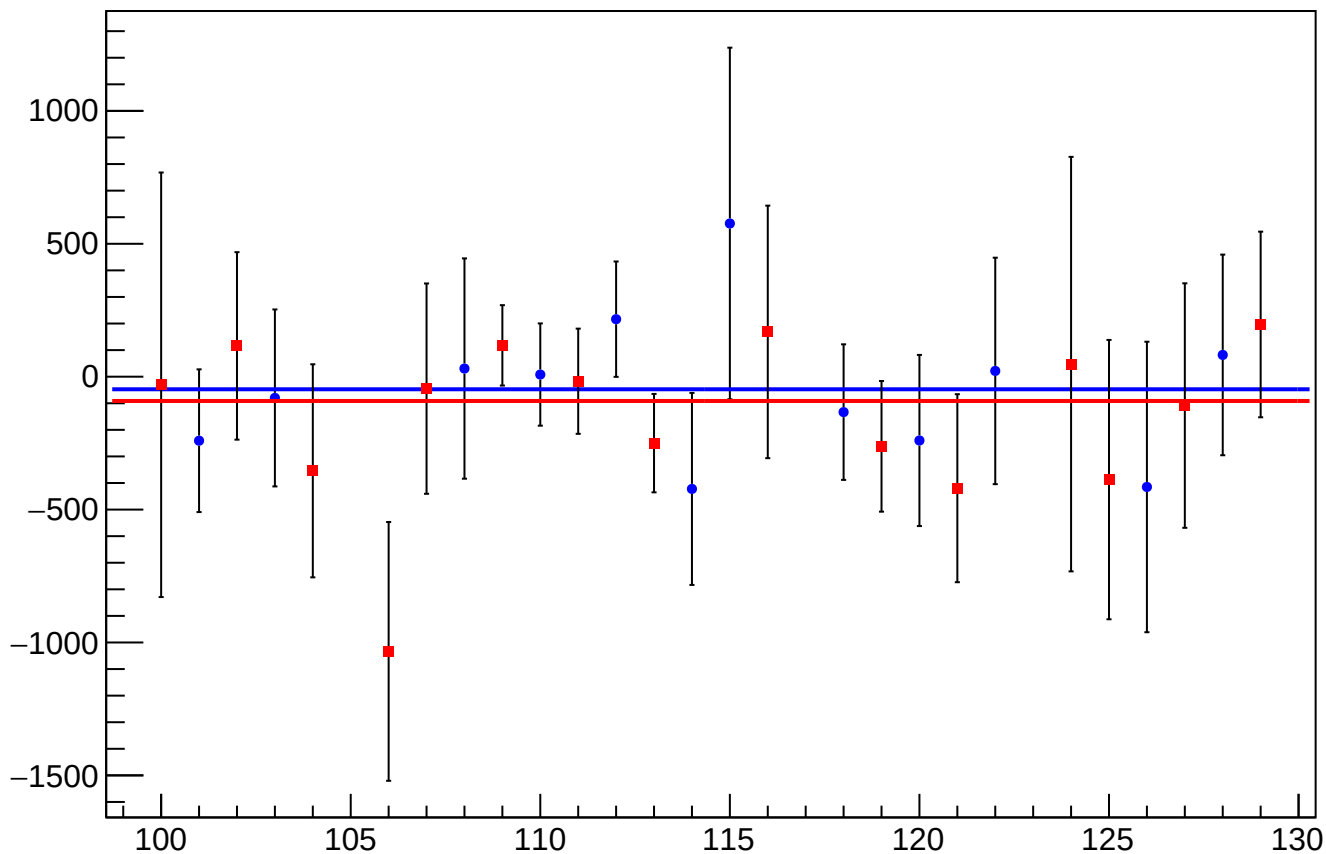
Right: 16026.401+/-3.844 χ^2/NDF : 1908767.6/26

In: 16387.943+/-5.861 χ^2/NDF :876969.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 16026.401+/-3.844 χ^2/NDF : 1908767.6/26

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: -47.348 ± 88.450 χ^2/NDF : 5.2/11

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

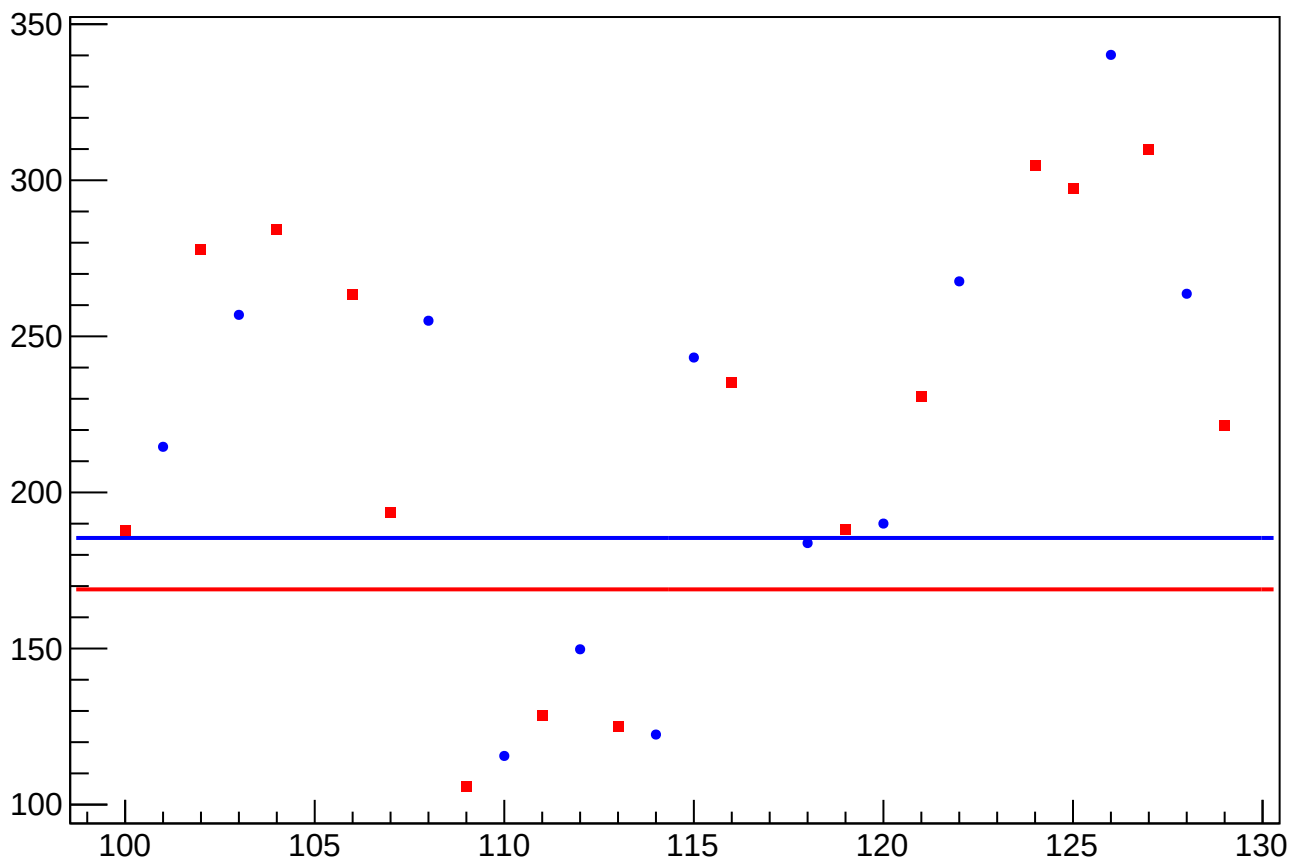
Right: -72.610 ± 57.748 χ^2/NDF : 15.3/26

In: -47.348 ± 88.450 χ^2/NDF : 5.2/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -72.610 ± 57.748 χ^2/NDF : 15.3/26

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 185.418+/-0.063 χ^2/NDF : 887050.6/11

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

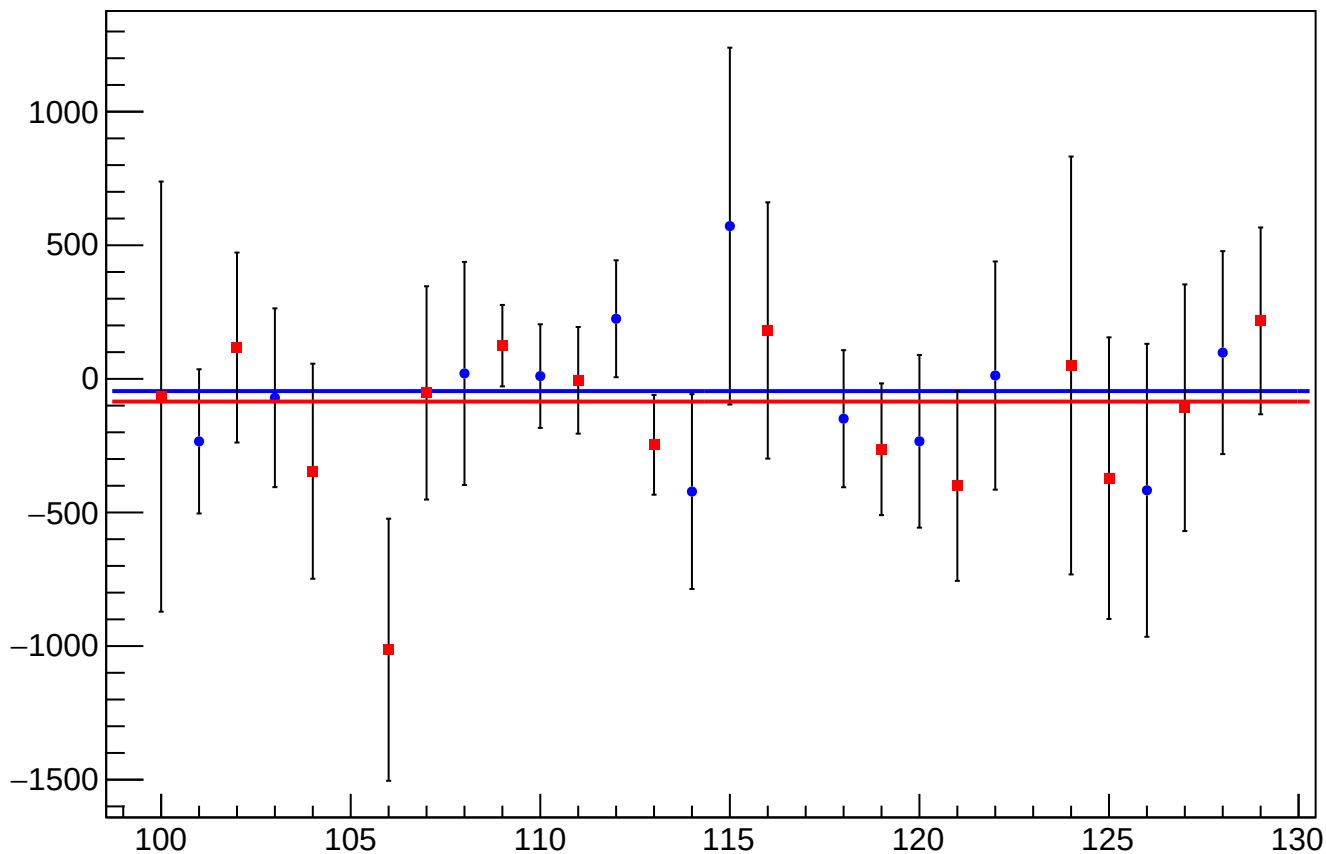
Right: 175.968+/-0.041 χ^2/NDF : 2436751.1/26

In: 185.418+/-0.063 χ^2/NDF :887050.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 175.968+/-0.041 χ^2/NDF : 2436751.1/26

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: -45.852 ± 89.029 χ^2/NDF : 5.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

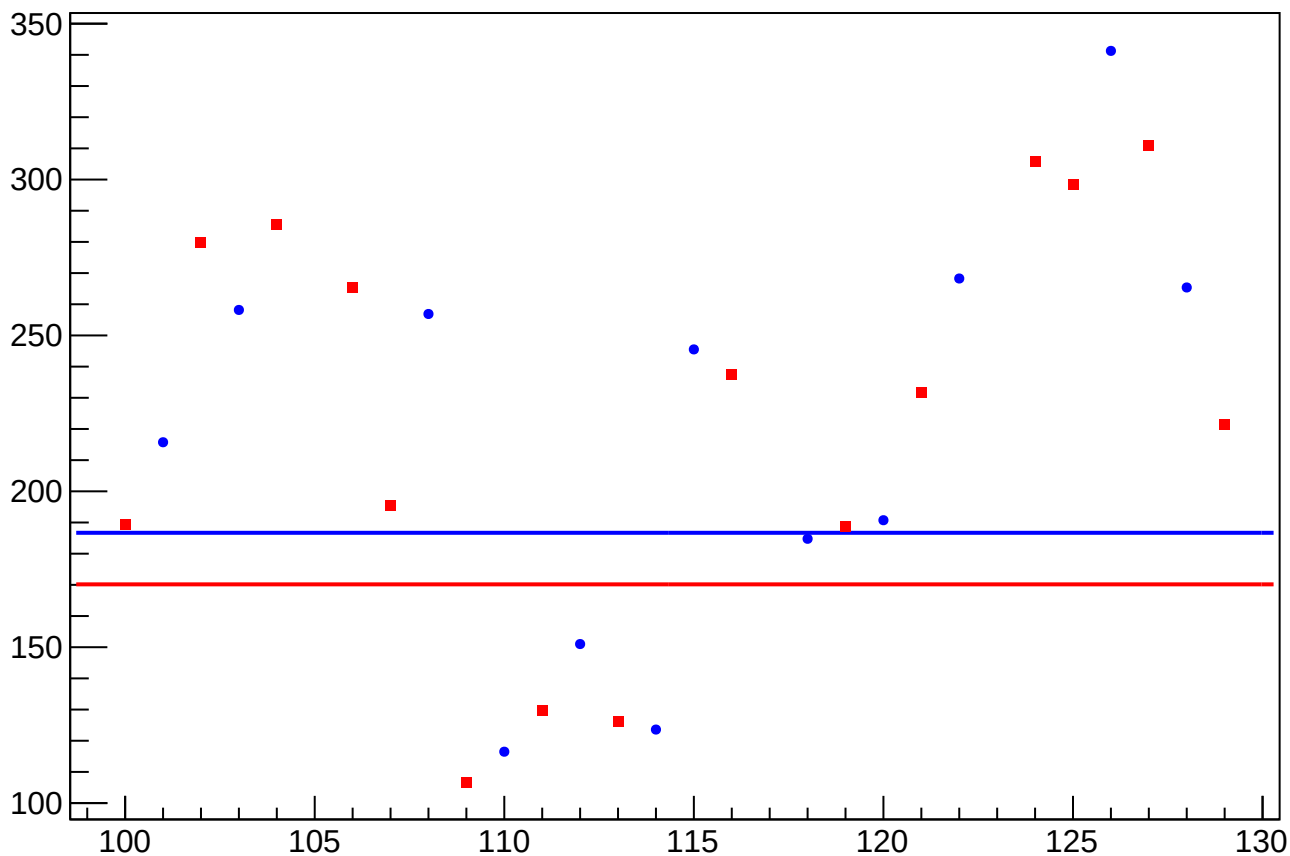
Right: -68.293 ± 58.130 χ^2/NDF : 15.1/26

In: -45.852 ± 89.029 χ^2/NDF : 5.2/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -68.293 ± 58.130 χ^2/NDF : 15.1/26

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 186.699 $\pm$ 0.063 χ^2 /NDF: 880147.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 170.161 $\pm$ 0.054 χ^2 /NDF: 1499147.7/14

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

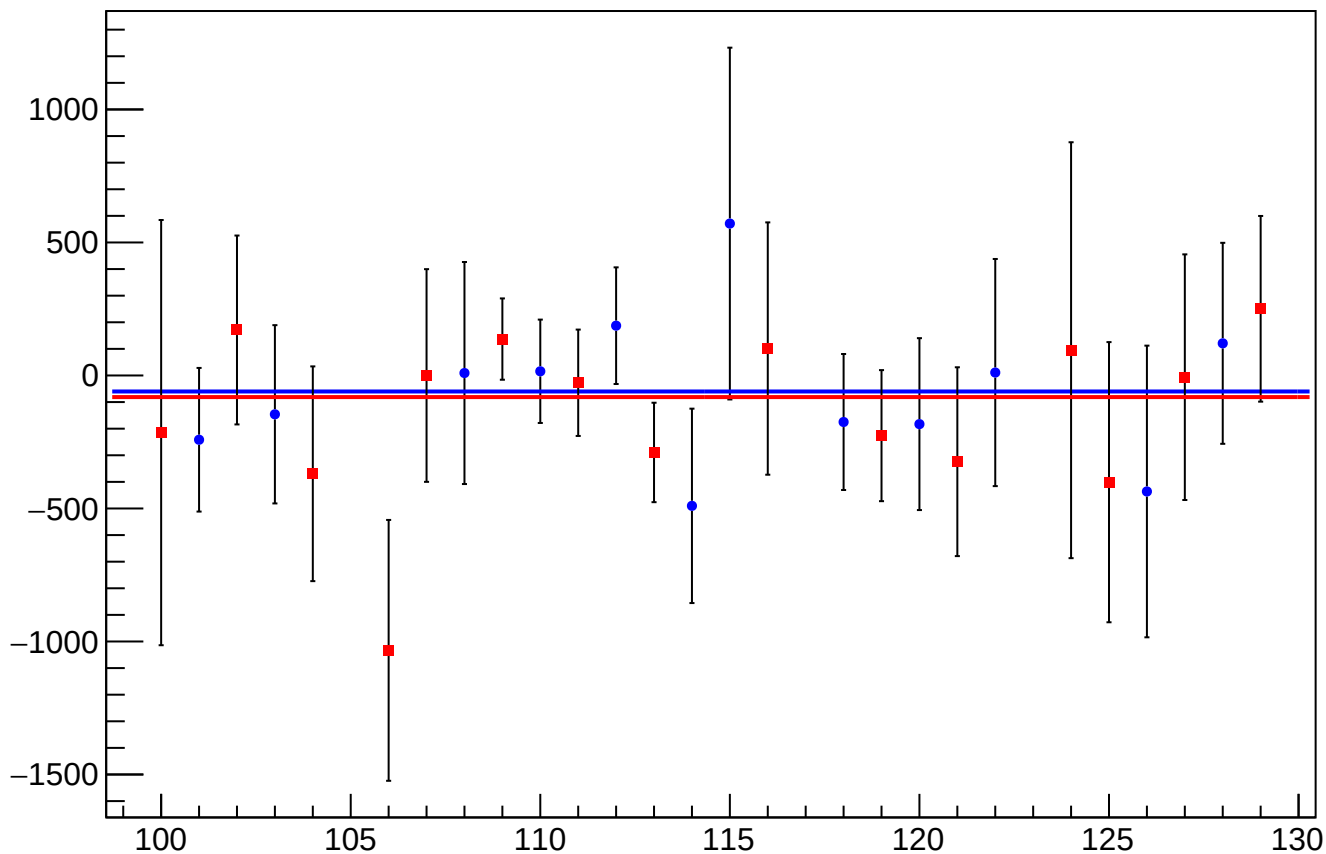
Right: 177.212 $\pm$ 0.041 χ^2 /NDF: 2418886.4/26

In: 186.699 $\pm$ 0.063 χ^2 /NDF:880147.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 177.212 $\pm$ 0.041 χ^2 /NDF: 2418886.4/26

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: -60.176 ± 89.038 χ^2/NDF : 5.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

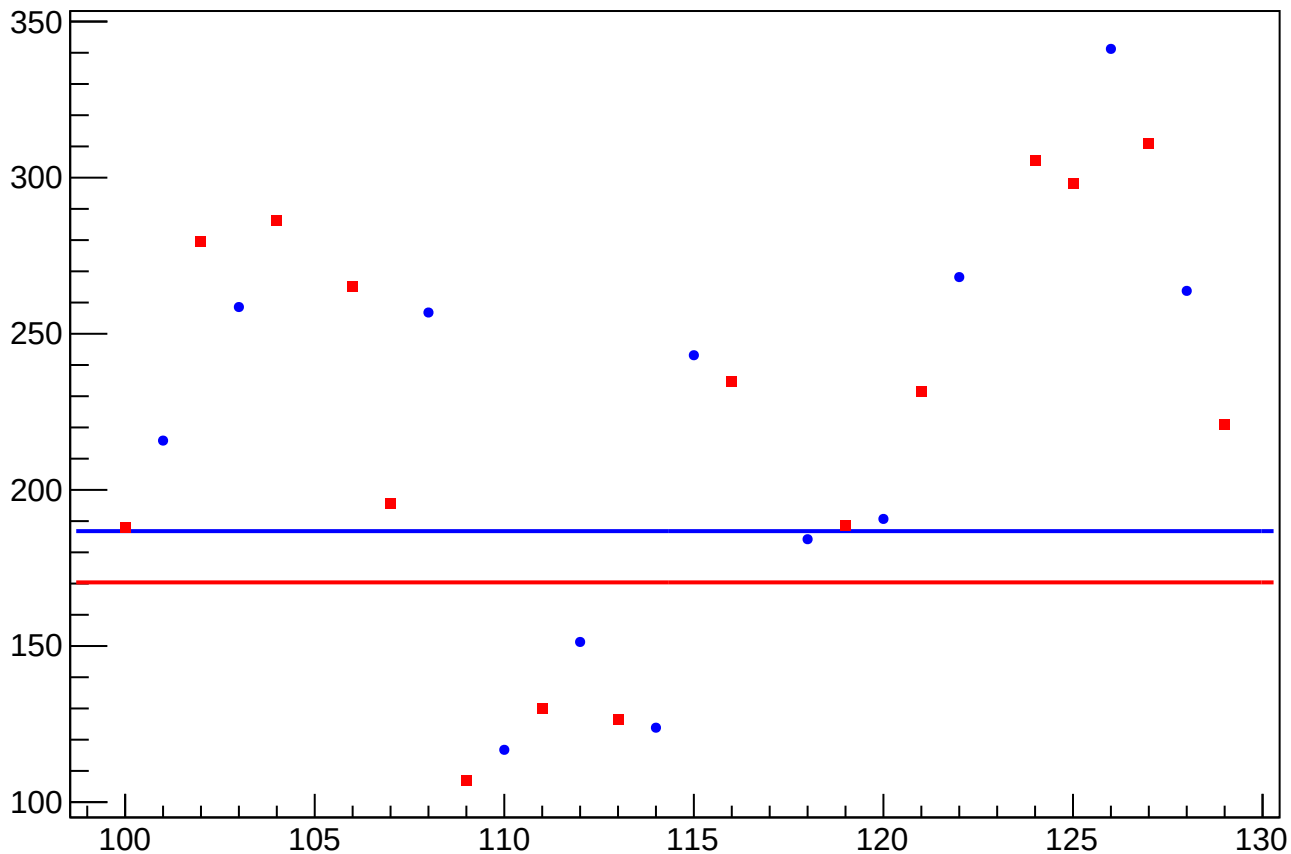
Right: -72.258 ± 58.157 χ^2/NDF : 15.9/26

In: -60.176 ± 89.038 χ^2/NDF : 5.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -72.258 ± 58.157 χ^2/NDF : 15.9/26

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 186.794+/-0.063 χ^2/NDF : 872163.4/11

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

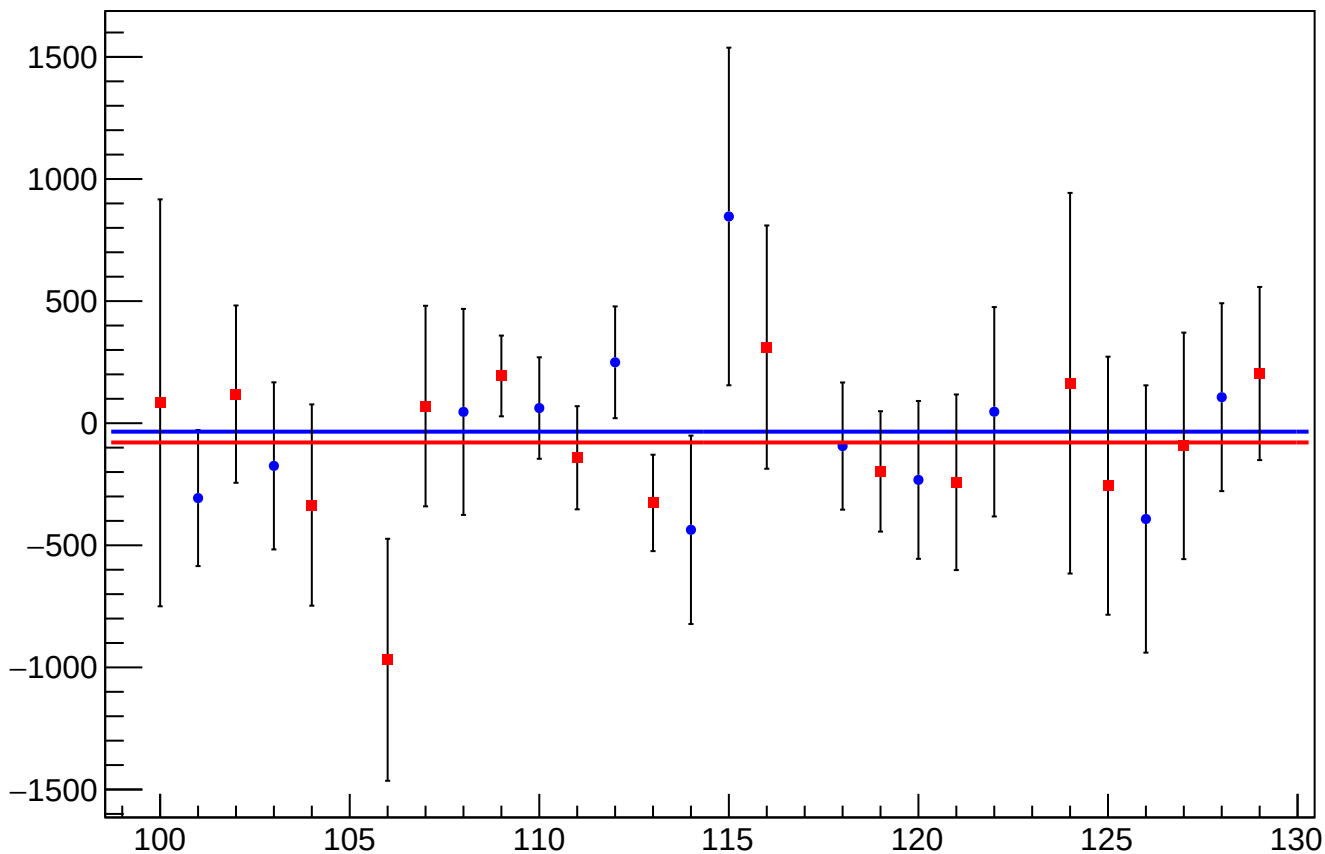
Right: 177.381+/-0.041 χ^2/NDF : 2400103.8/26

In: 186.794+/-0.063 χ^2/NDF : 872163.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.381+/-0.041 χ^2/NDF : 2400103.8/26

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: -34.591 ± 92.072 χ^2/NDF : 6.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -78.838 ± 80.159 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

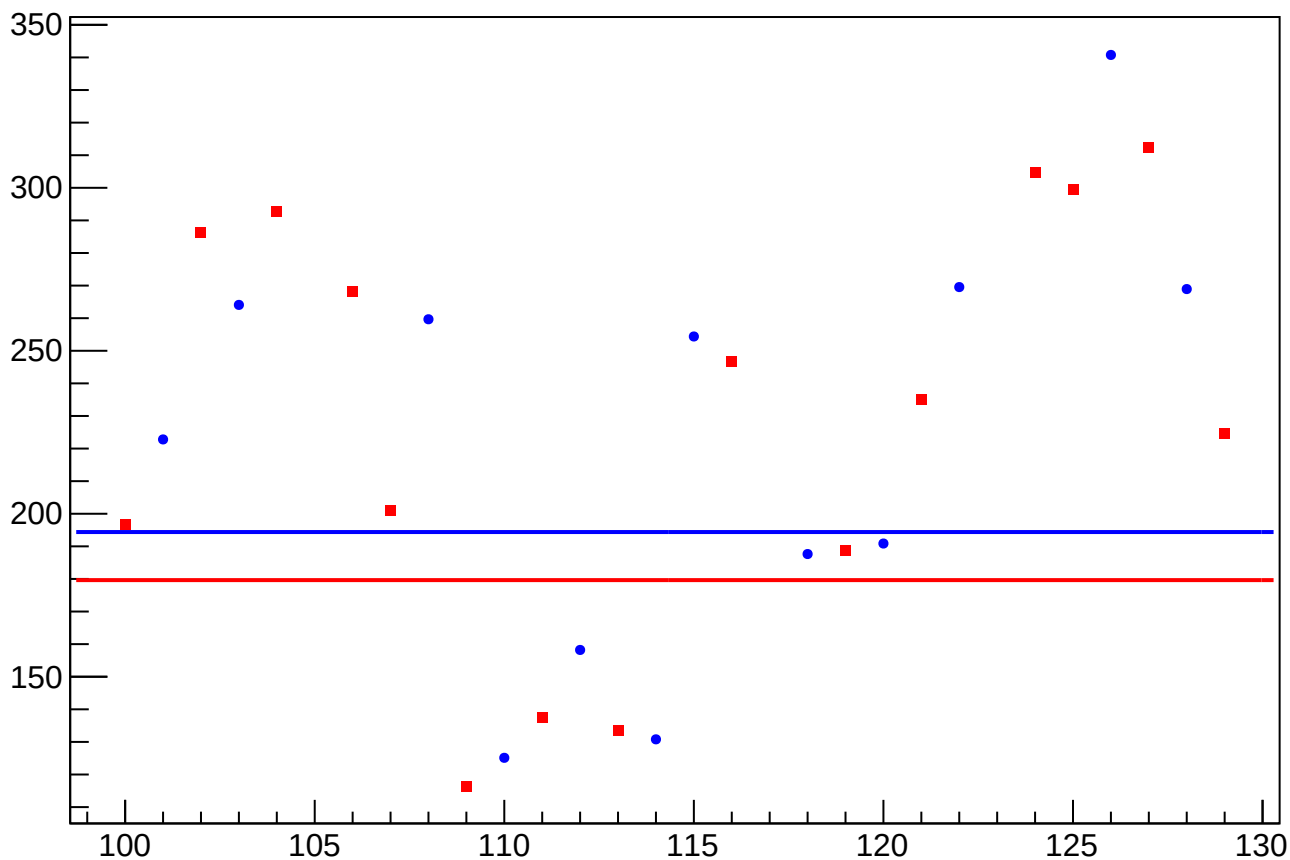
Right: -59.761 ± 60.457 χ^2/NDF : 17.1/26

In: -34.591 ± 92.072 χ^2/NDF : 6.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -59.761 ± 60.457 χ^2/NDF : 17.1/26

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 194.388+/-0.065 χ^2/NDF : 774445.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

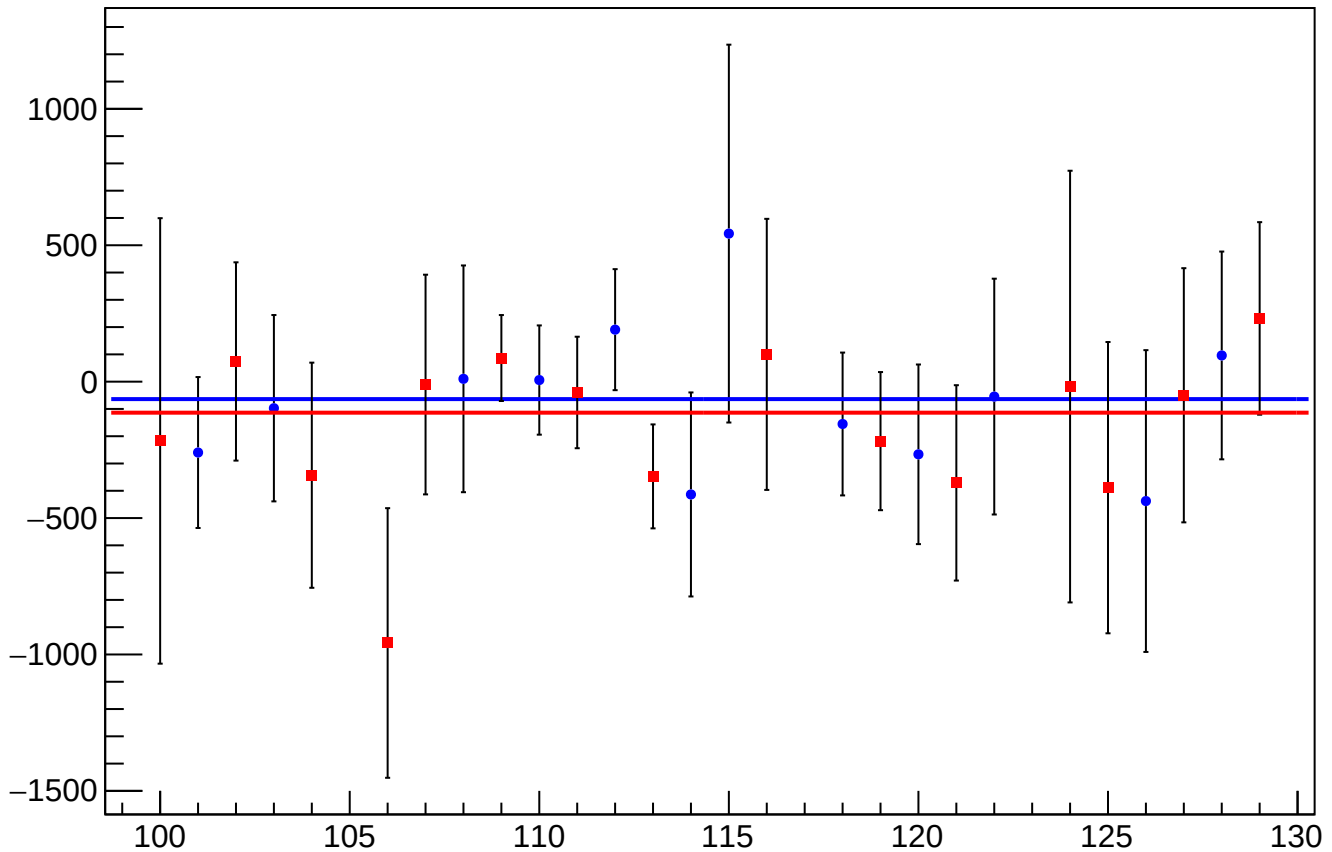
Right: 185.999+/-0.043 χ^2/NDF : 2114144.2/26

In: 194.388+/-0.065 χ^2/NDF : 774445.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 185.999+/-0.043 χ^2/NDF : 2114144.2/26

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: -63.932 ± 90.804 χ^2/NDF : 4.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -113.699 ± 78.521 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

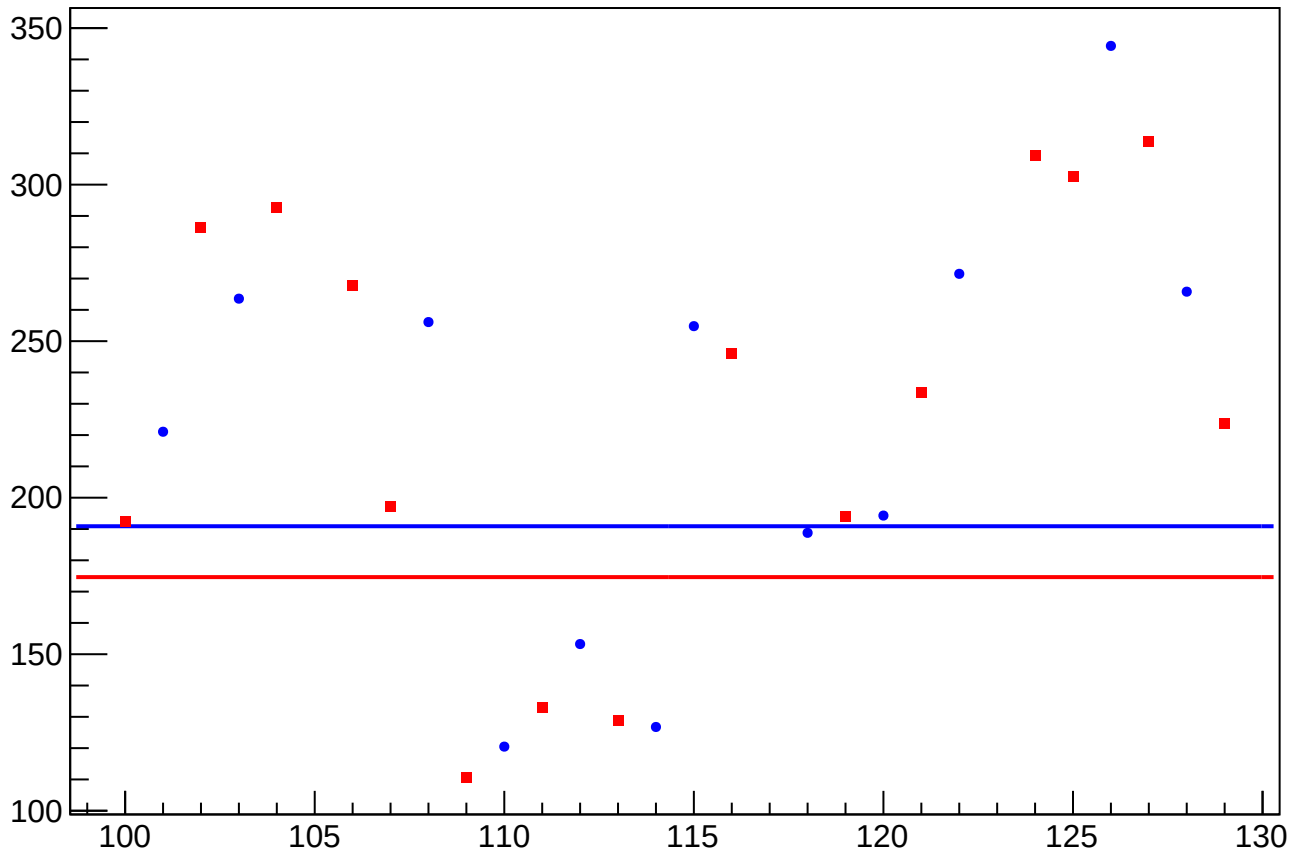
Right: -92.407 ± 59.394 χ^2/NDF : 13.9/26

In: -63.932 ± 90.804 χ^2/NDF : 4.8/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -92.407 ± 59.394 χ^2/NDF : 13.9/26

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 190.880+/-0.064 χ^2/NDF : 845645.4/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

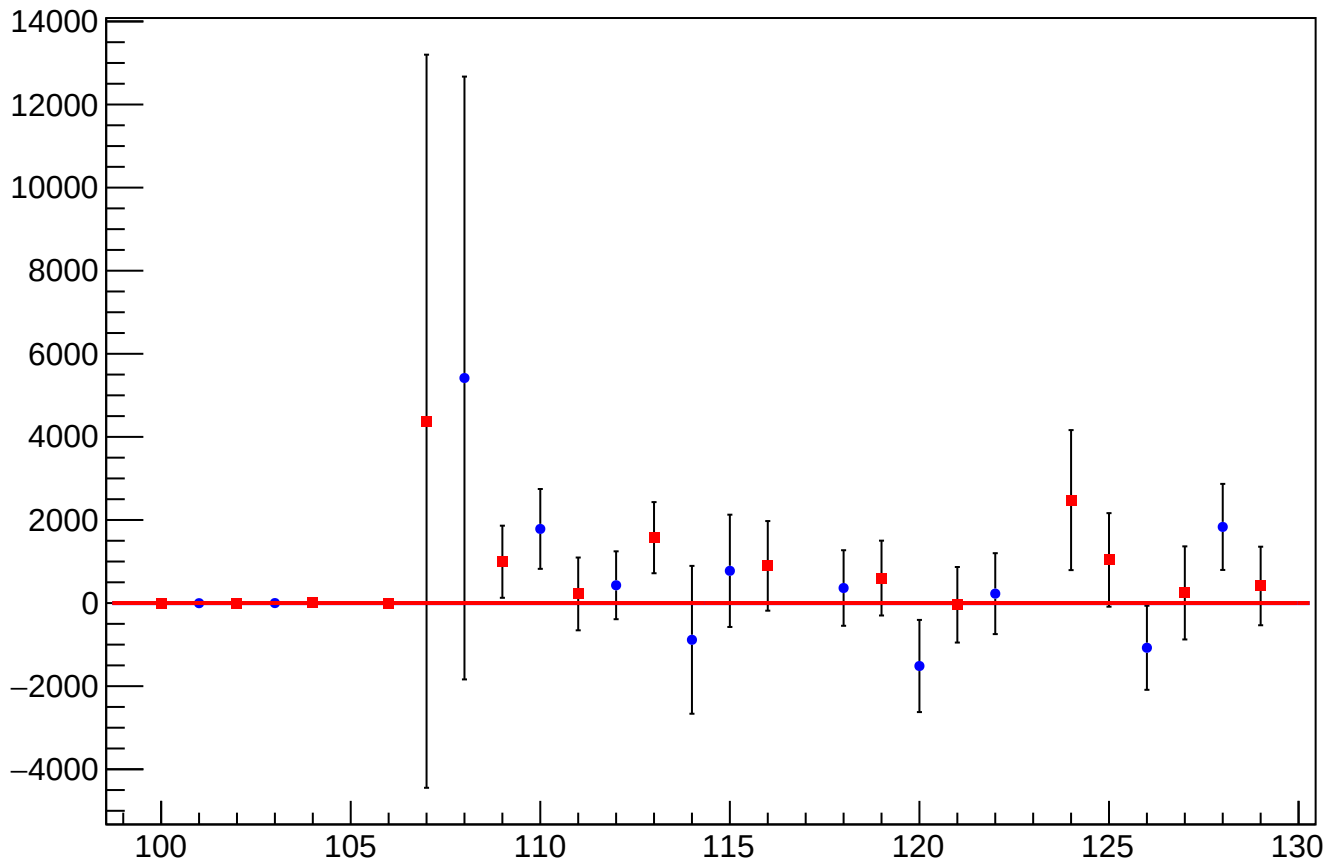
Right: 181.583+/-0.042 χ^2/NDF : 2338864.3/26

In: 190.880+/-0.064 χ^2/NDF :845645.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 181.583+/-0.042 χ^2/NDF : 2338864.3/26

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.204+/-2.171 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.394+/-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

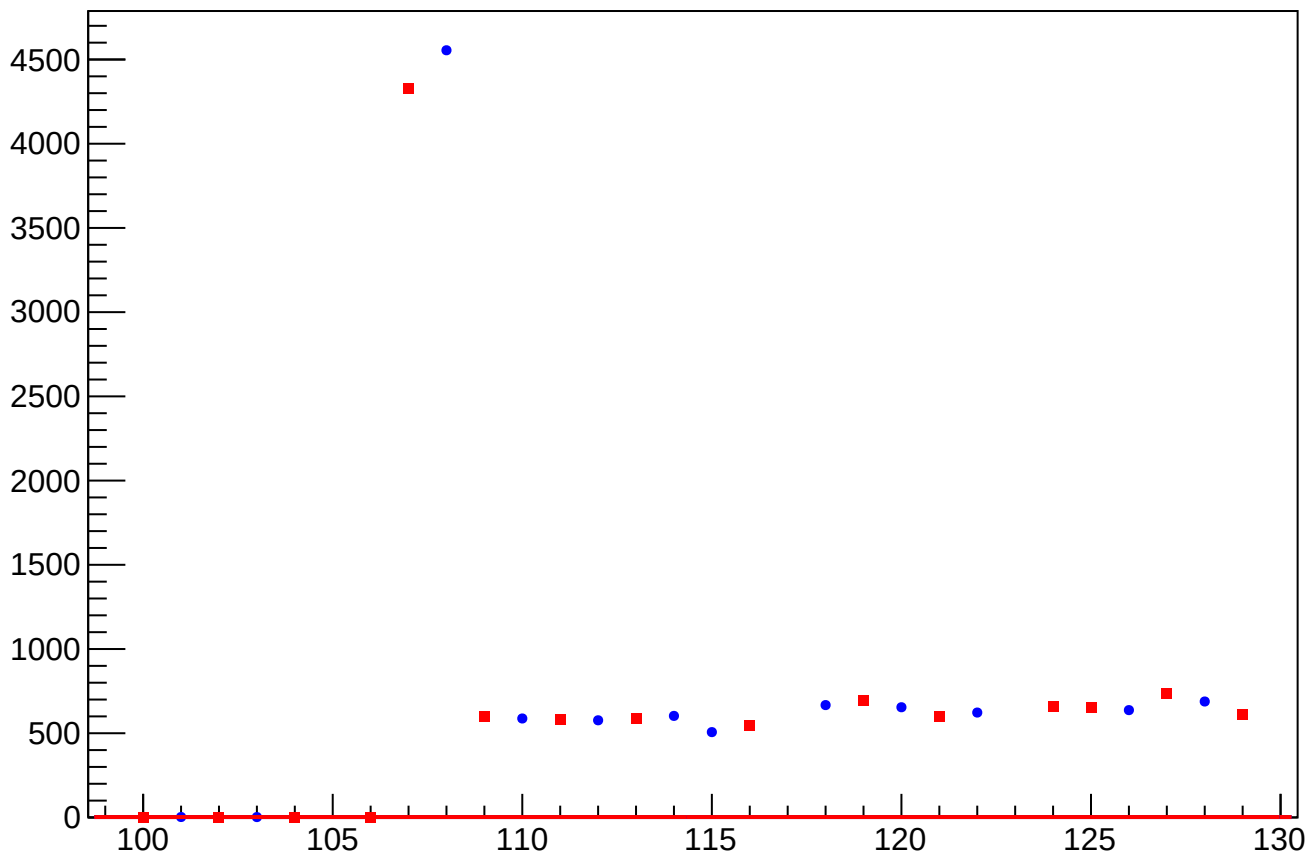
Right: 0.186+/-1.480 χ^2/NDF : 26.9/26

In: -1.204+/-2.171 χ^2/NDF : 11.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.186+/-1.480 χ^2/NDF : 26.9/26

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.455+/-0.002 χ^2/NDF : 7274716.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.449+/-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

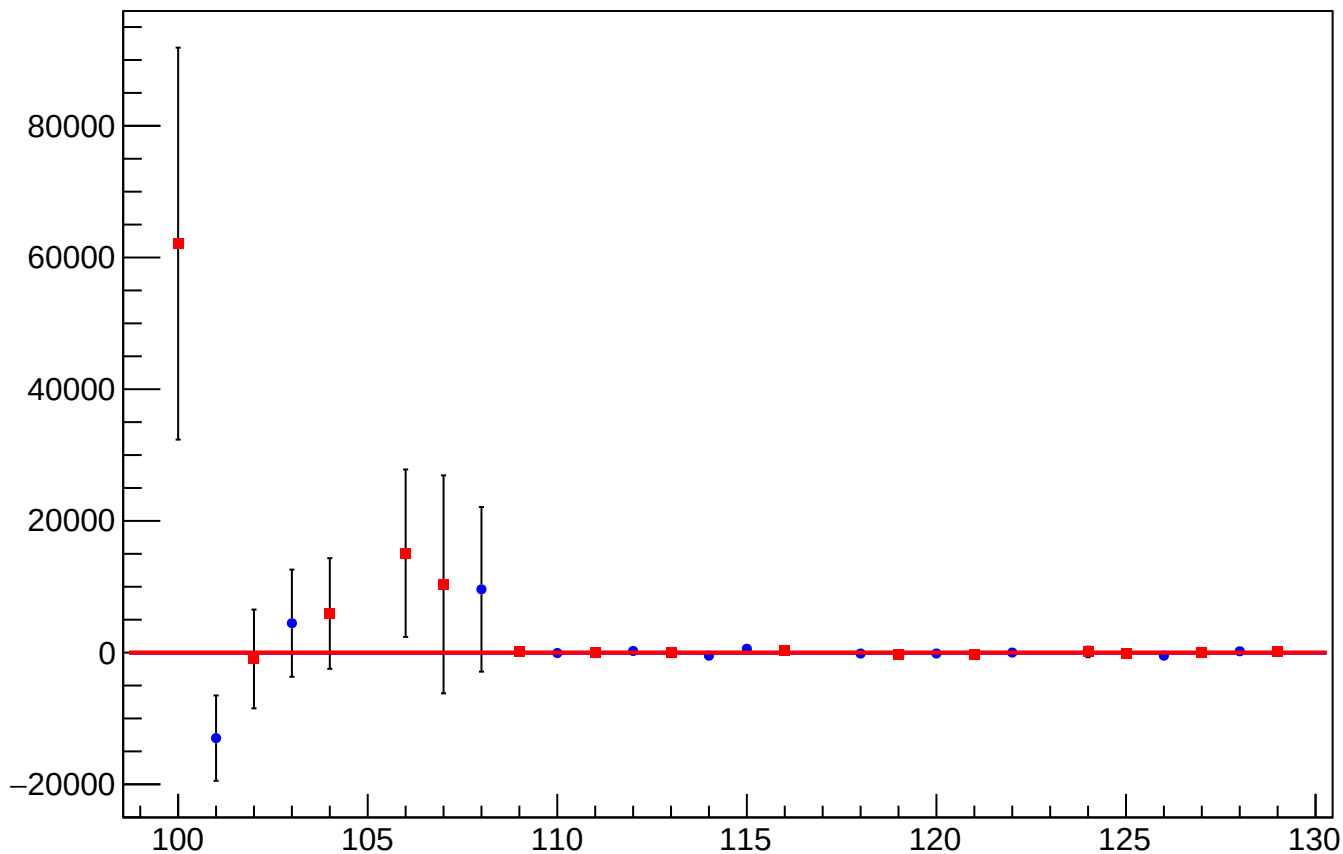
Right: 2.452+/-0.001 χ^2/NDF : 15738430.8/26

In: 2.455+/-0.002 χ^2/NDF : 7274716.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.452+/-0.001 χ^2/NDF : 15738430.8/26

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: -23.445+/-105.923 χ^2/NDF : 9.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

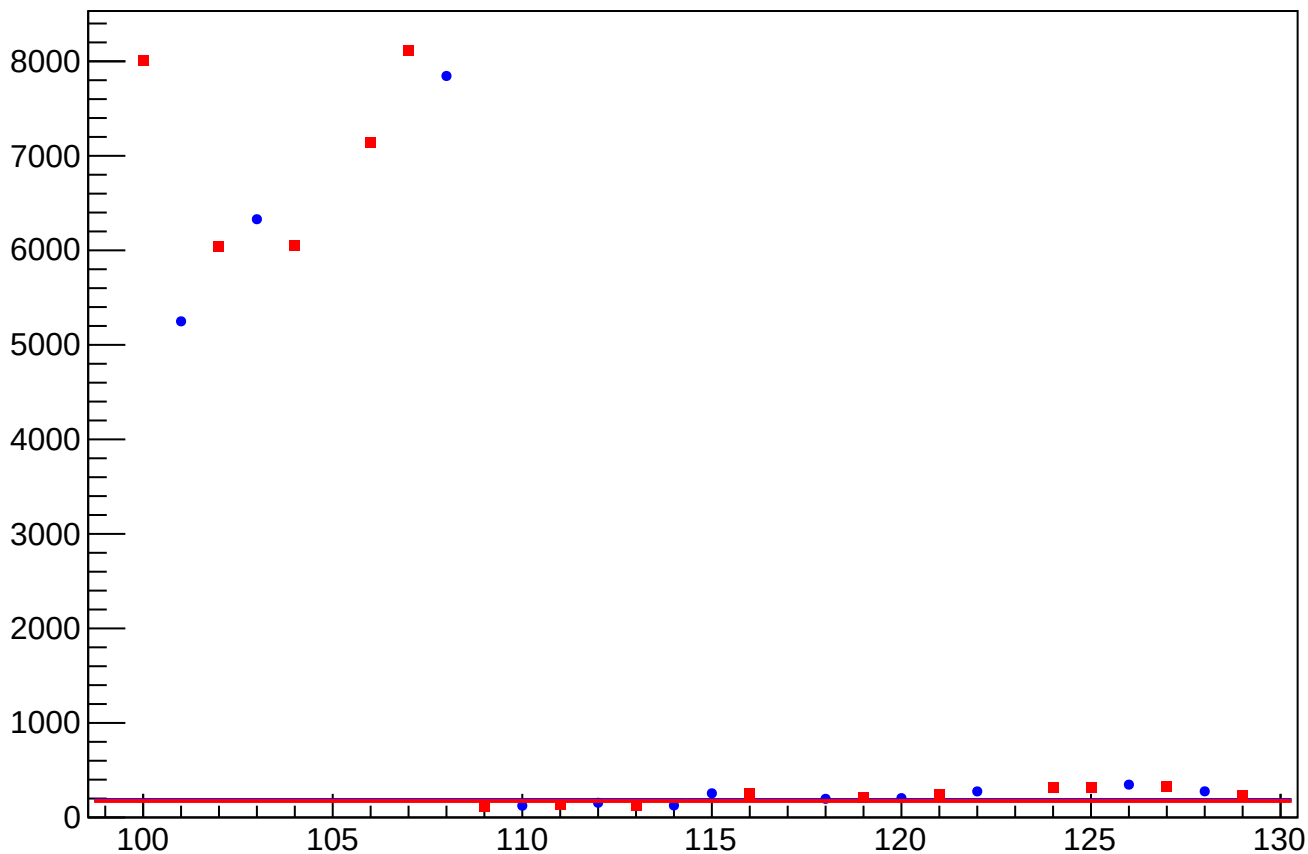
Right: -13.843+/-70.694 χ^2/NDF : 21.0/26

In: -23.445+/-105.923 χ^2/NDF : 9.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.843+/-70.694 χ^2/NDF : 21.0/26

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 183.740+/-0.075 χ^2/NDF : 3757862.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

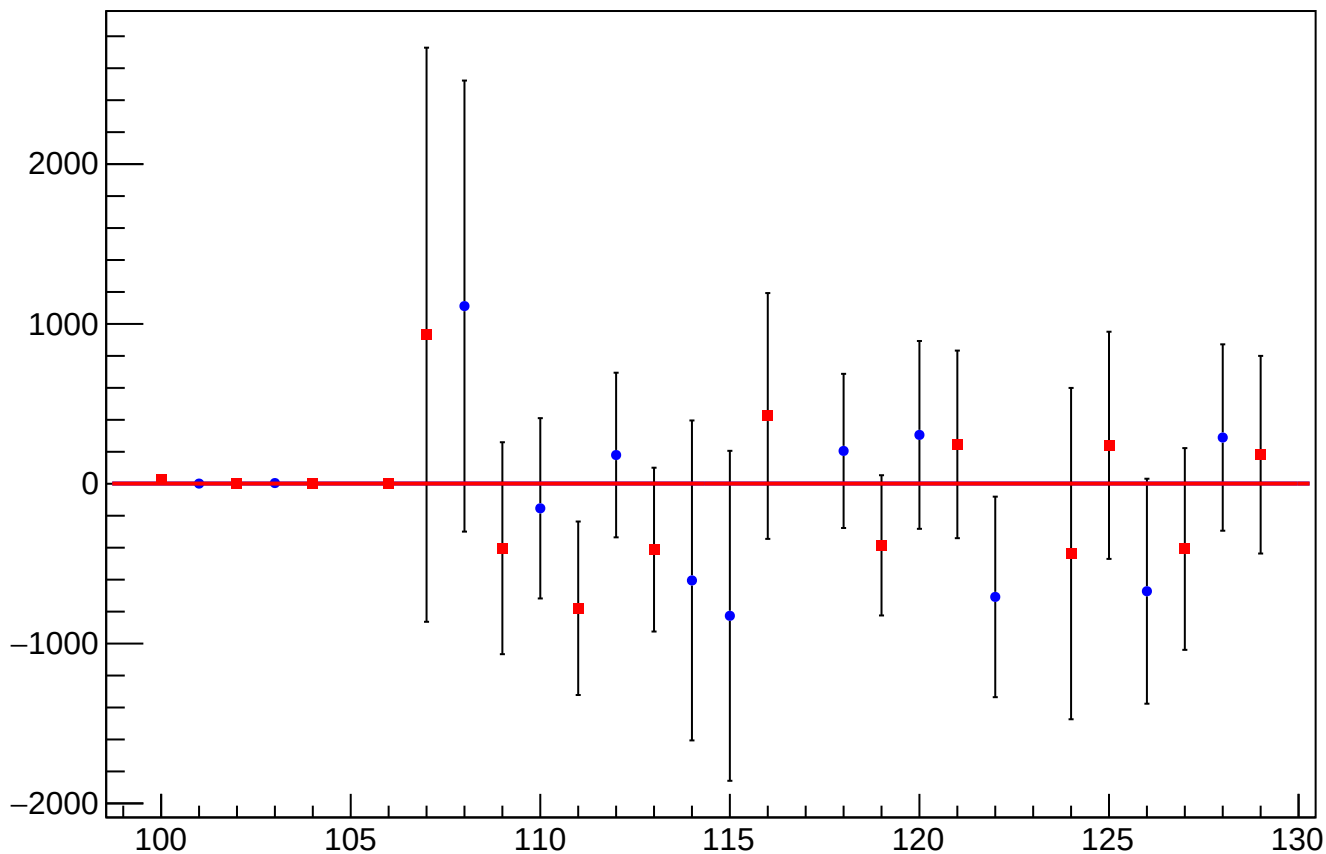
Right: 178.763+/-0.050 χ^2/NDF : 8035928.3/26

In: 183.740+/-0.075 χ^2/NDF :3757862.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 178.763+/-0.050 χ^2/NDF : 8035928.3/26

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: 1.440 $\pm$ 1.660 χ^2 /NDF: 5.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.099 $\pm$ 1.528 χ^2 /NDF: 7.9/14

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

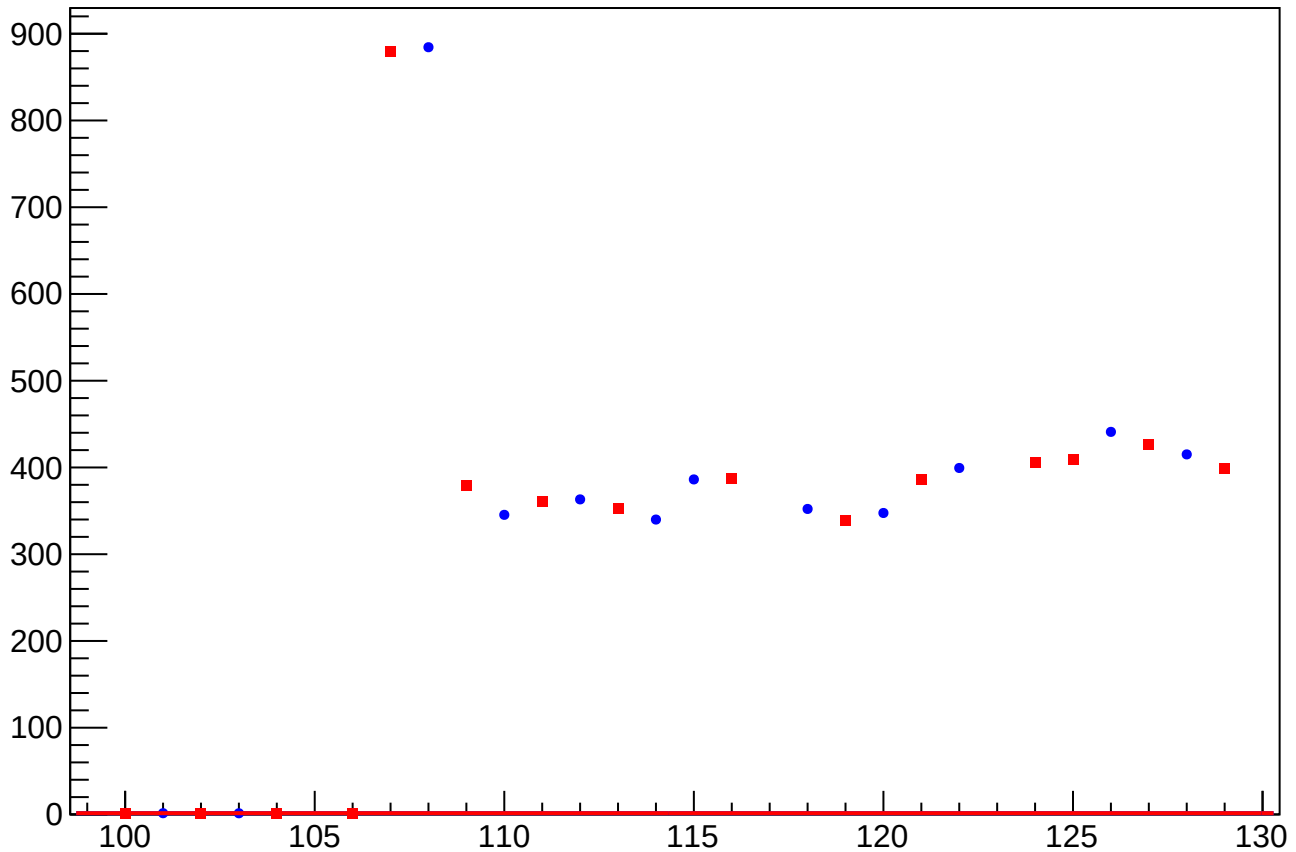
Right: 1.256 $\pm$ 1.124 χ^2 /NDF: 13.1/26

In: 1.440 $\pm$ 1.660 χ^2 /NDF:5.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.256 $\pm$ 1.124 χ^2 /NDF: 13.1/26

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.455+/-0.001 χ^2/NDF : 7363225.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.458+/-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

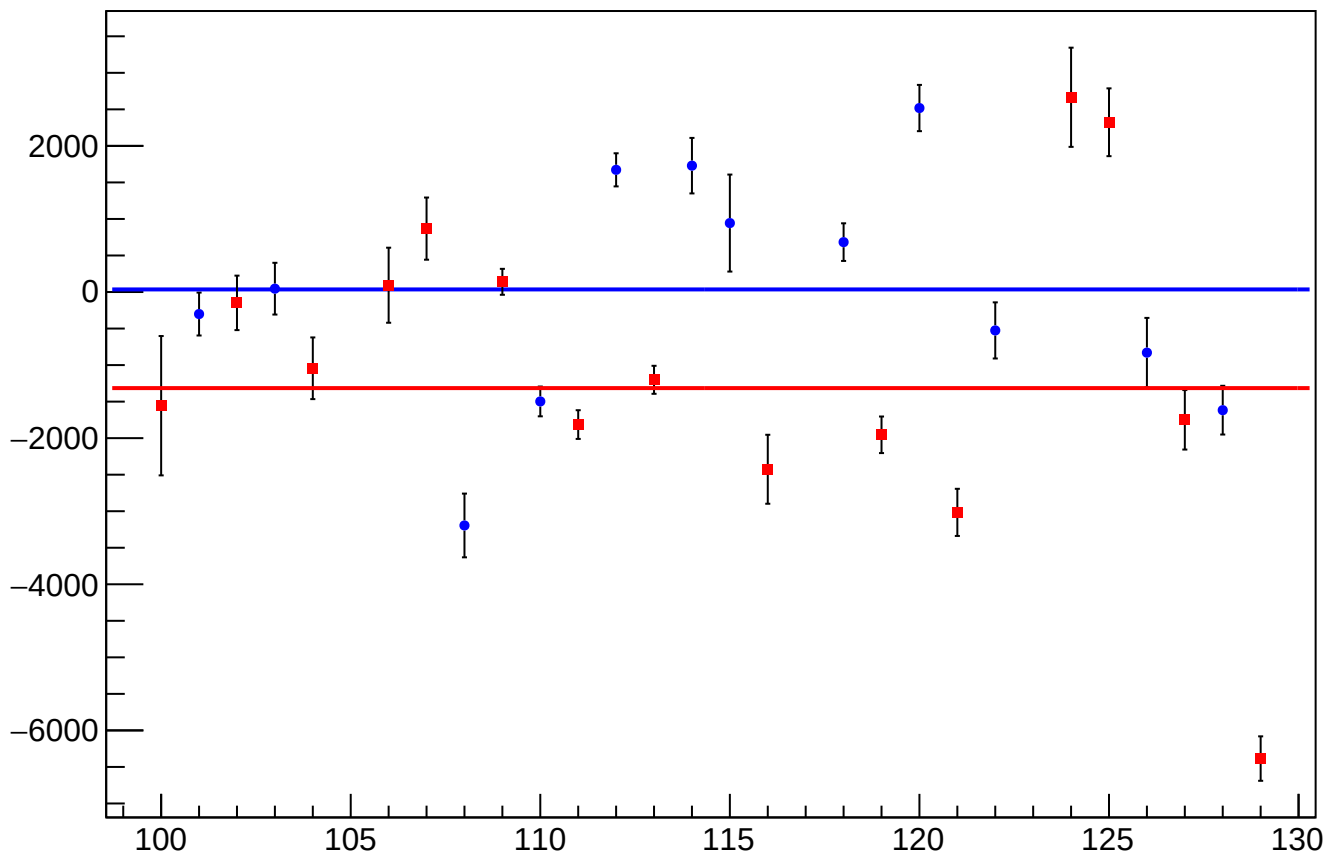
Right: 1.456+/-0.001 χ^2/NDF : 15543807.3/26

In: 1.455+/-0.001 χ^2/NDF : 7363225.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.456+/-0.001 χ^2/NDF : 15543807.3/26

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: 35.495+/-90.237 χ^2/NDF : 284.5/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

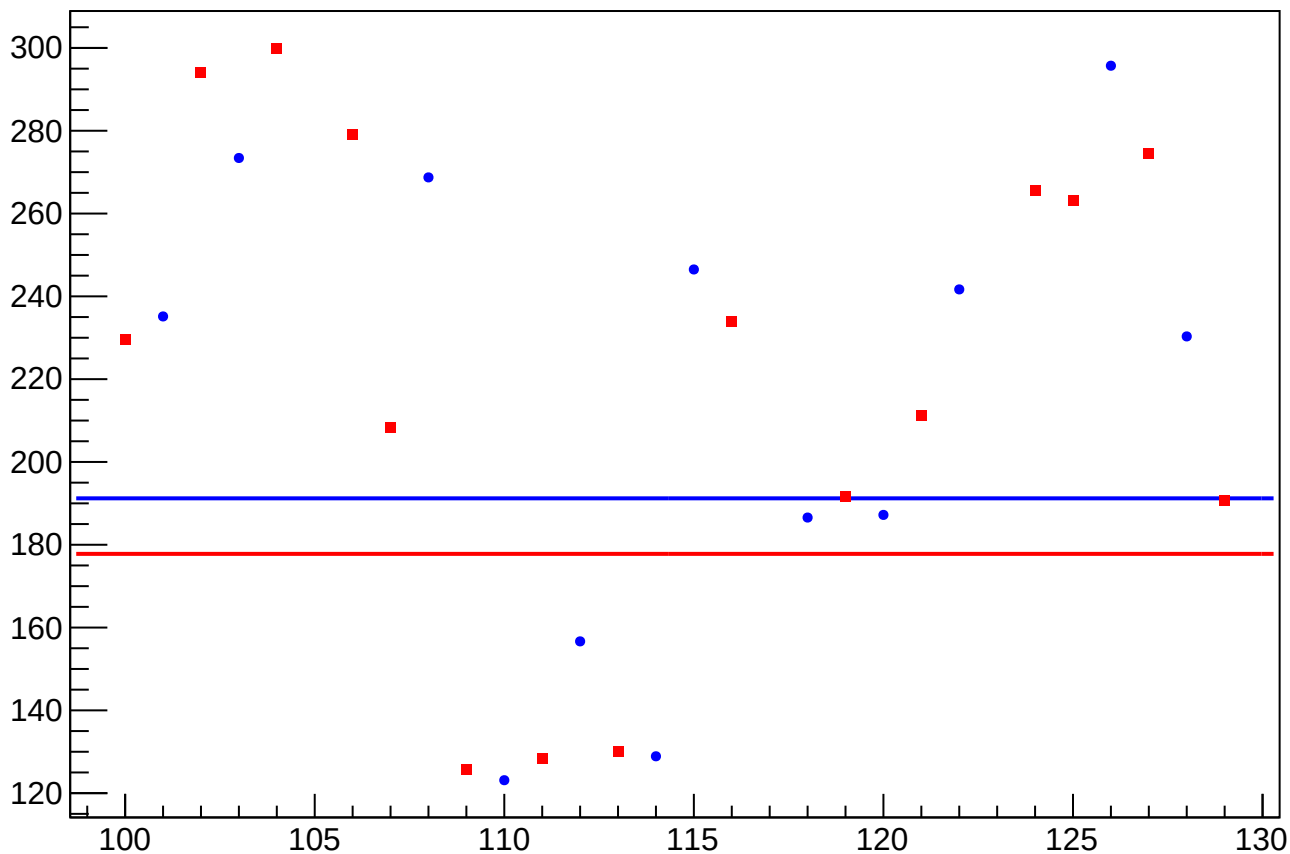
Right: -732.309+/-59.275 χ^2/NDF : 944.6/26

In: 35.495+/-90.237 χ^2/NDF :284.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -732.309+/-59.275 χ^2/NDF : 944.6/26

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 191.213+/-0.064 χ^2/NDF : 712634.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

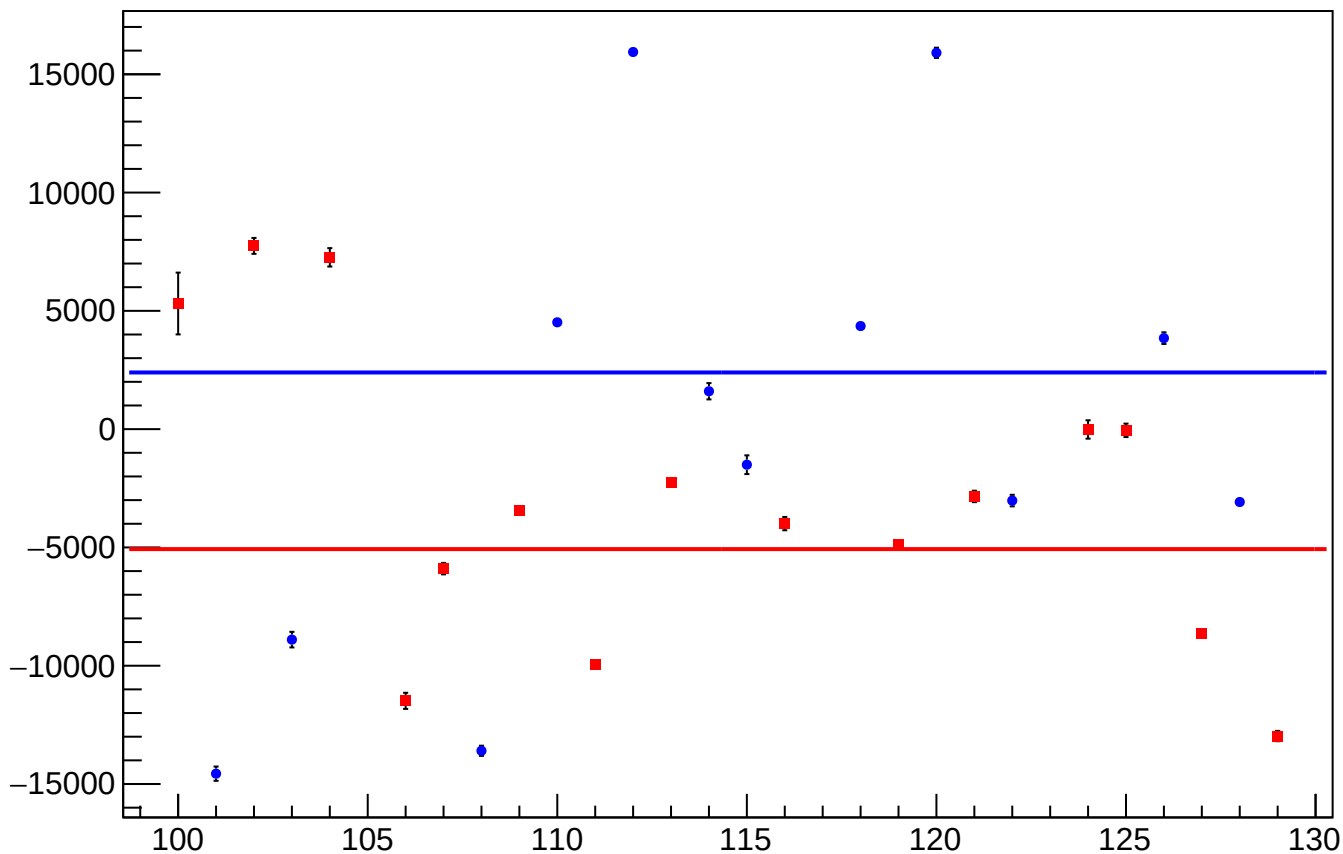
Right: 183.586+/-0.042 χ^2/NDF : 1890751.2/26

In: 191.213+/-0.064 χ^2/NDF : 712634.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.586+/-0.042 χ^2/NDF : 1890751.2/26

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 2395.637+/-64.684 χ^2/NDF : 21530.5/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

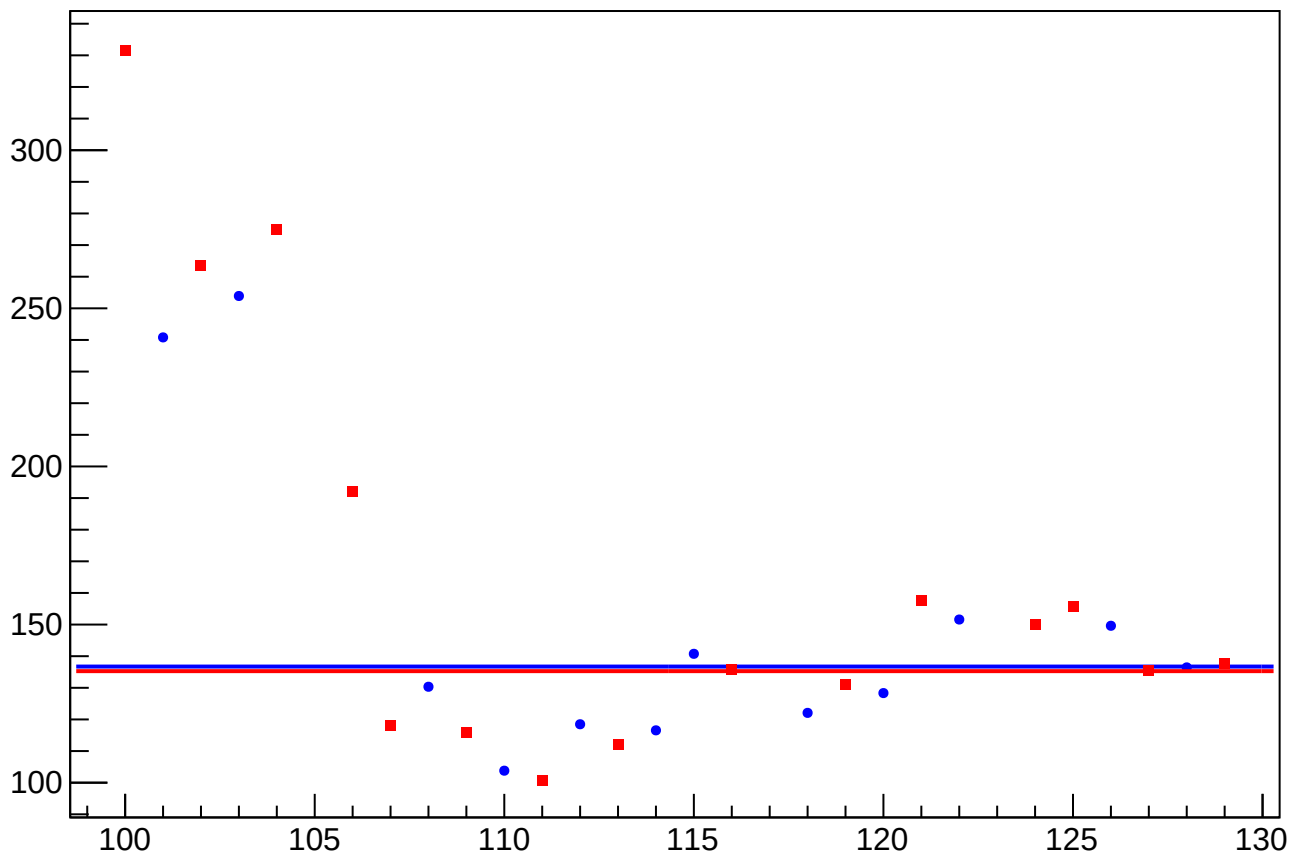
Right: -1672.342+/-43.640 χ^2/NDF : 35257.2/26

In: 2395.637+/-64.684 χ^2/NDF :21530.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1672.342+/-43.640 χ^2/NDF : 35257.2/26

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 136.718+/-0.046 χ^2/NDF : 626278.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 135.272+/-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

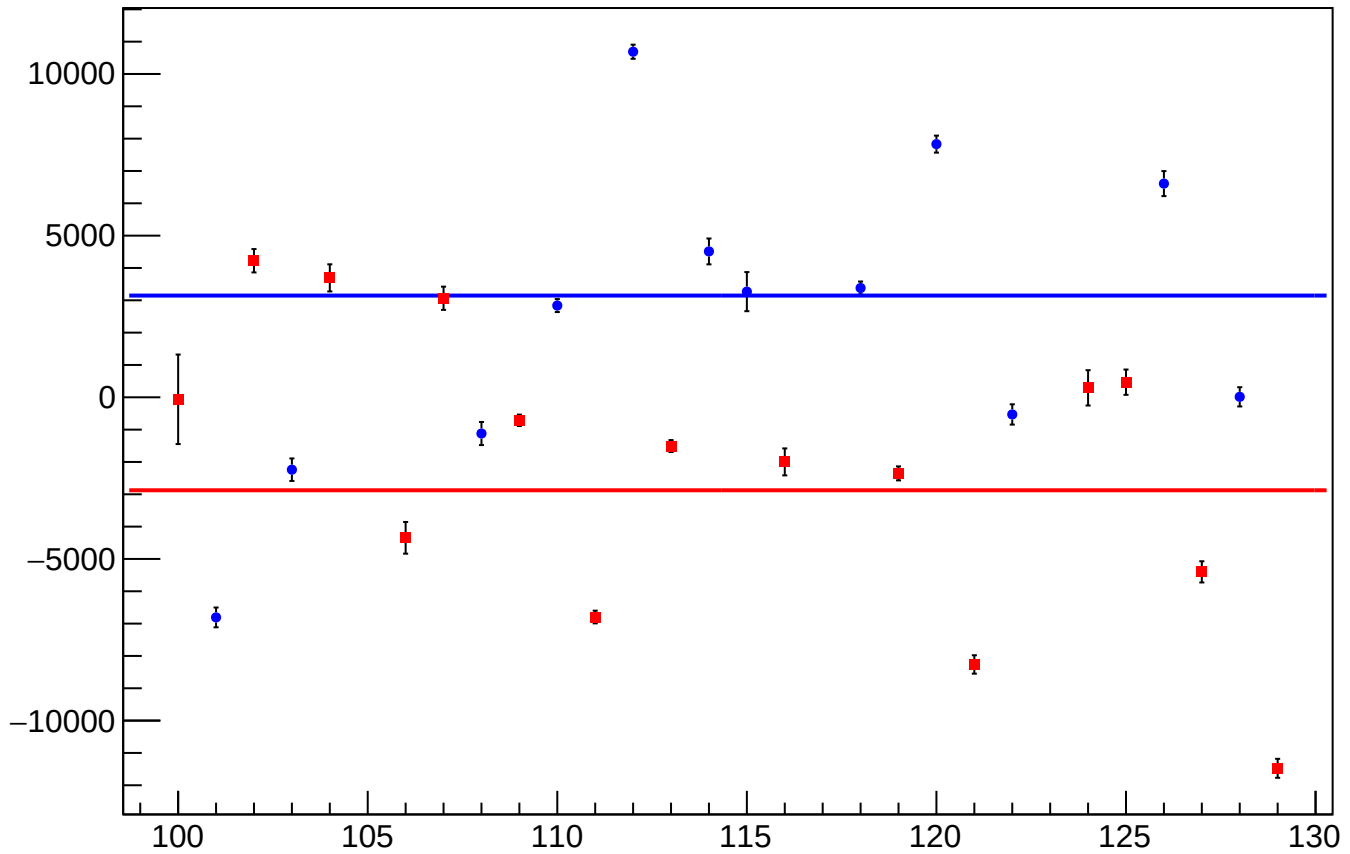
Right: 135.930+/-0.031 χ^2/NDF : 1484374.2/26

In: 136.718+/-0.046 χ^2/NDF :626278.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 135.930+/-0.031 χ^2/NDF : 1484374.2/26

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 3146.568 $\pm$ 81.936 χ^2 /NDF: 3293.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2875.984 $\pm$ 73.790 χ^2 /NDF: 2918.9/14

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

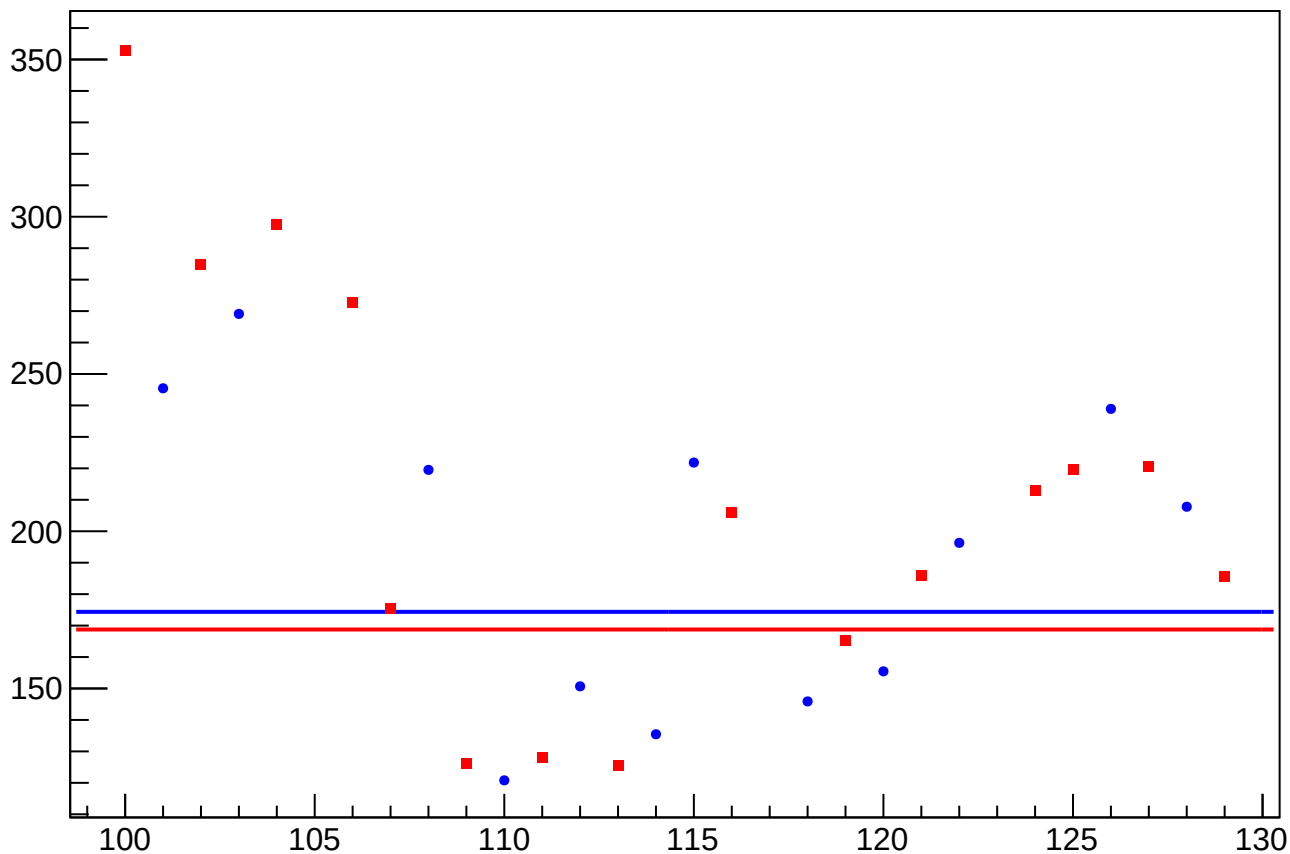
Right: -178.887 $\pm$ 54.832 χ^2 /NDF: 9195.1/26

In: 3146.568 $\pm$ 81.936 χ^2 /NDF:3293.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -178.887 $\pm$ 54.832 χ^2 /NDF: 9195.1/26

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 174.370+/-0.058 χ^2/NDF : 626089.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

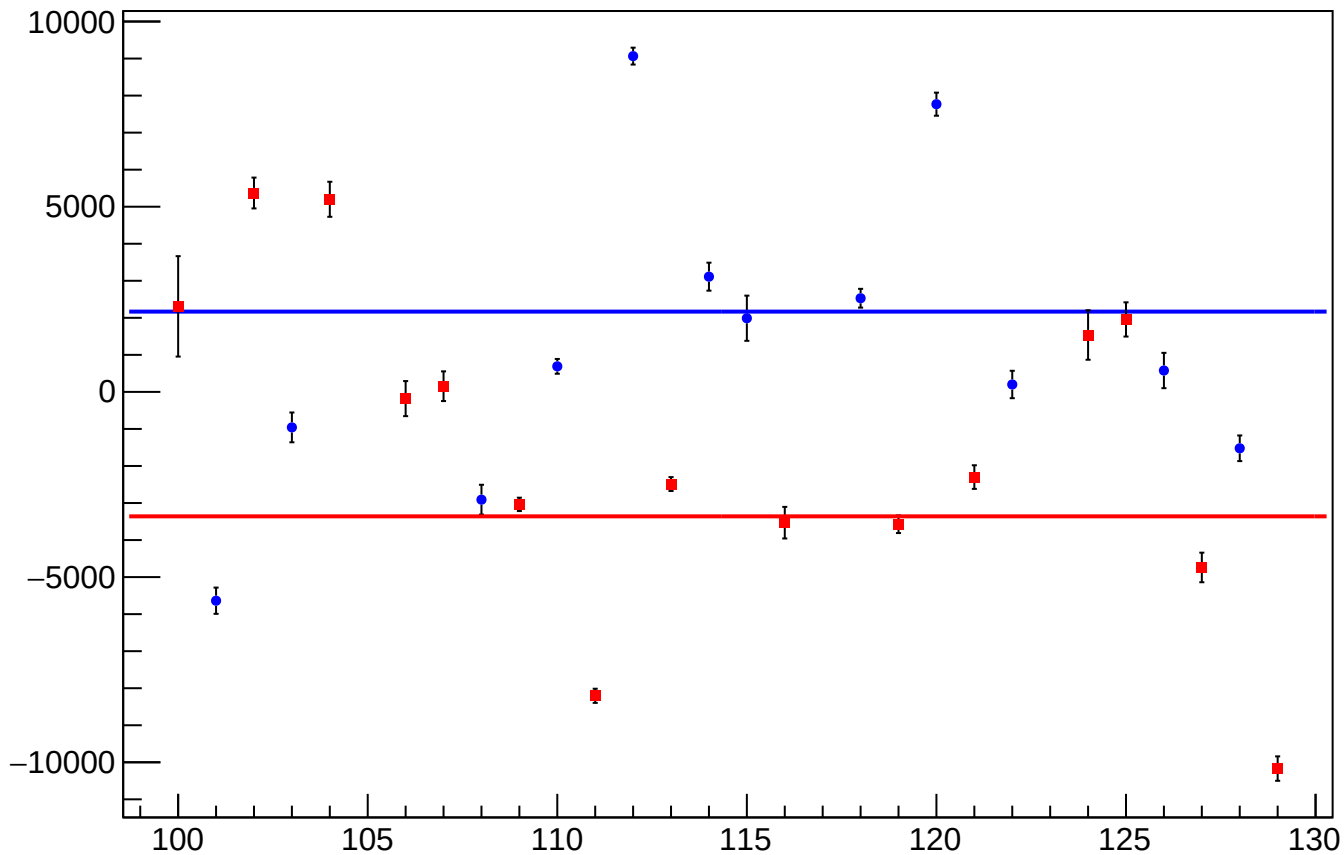
Right: 171.271+/-0.039 χ^2/NDF : 1594371.6/26

In: 174.370+/-0.058 χ^2/NDF : 626089.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.271+/-0.039 χ^2/NDF : 1594371.6/26

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 2167.822+/-91.205 χ^2 /NDF: 2159.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -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

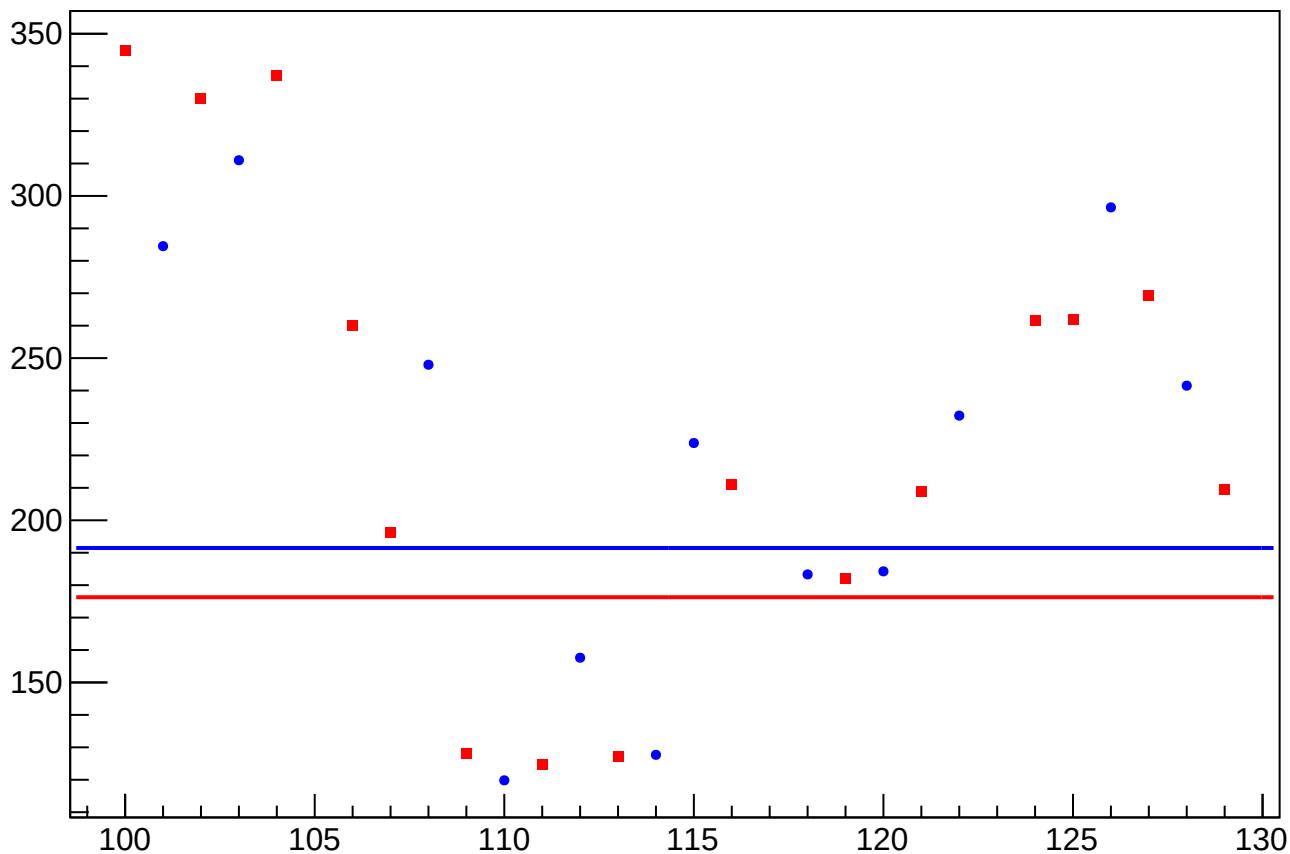
Right: -1016.673+/-59.381 χ^2 /NDF: 6487.8/26

In: 2167.822+/-91.205 χ^2 /NDF:2159.4/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1016.673+/-59.381 χ^2 /NDF: 6487.8/26

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 191.461+/-0.064 χ^2/NDF : 884388.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

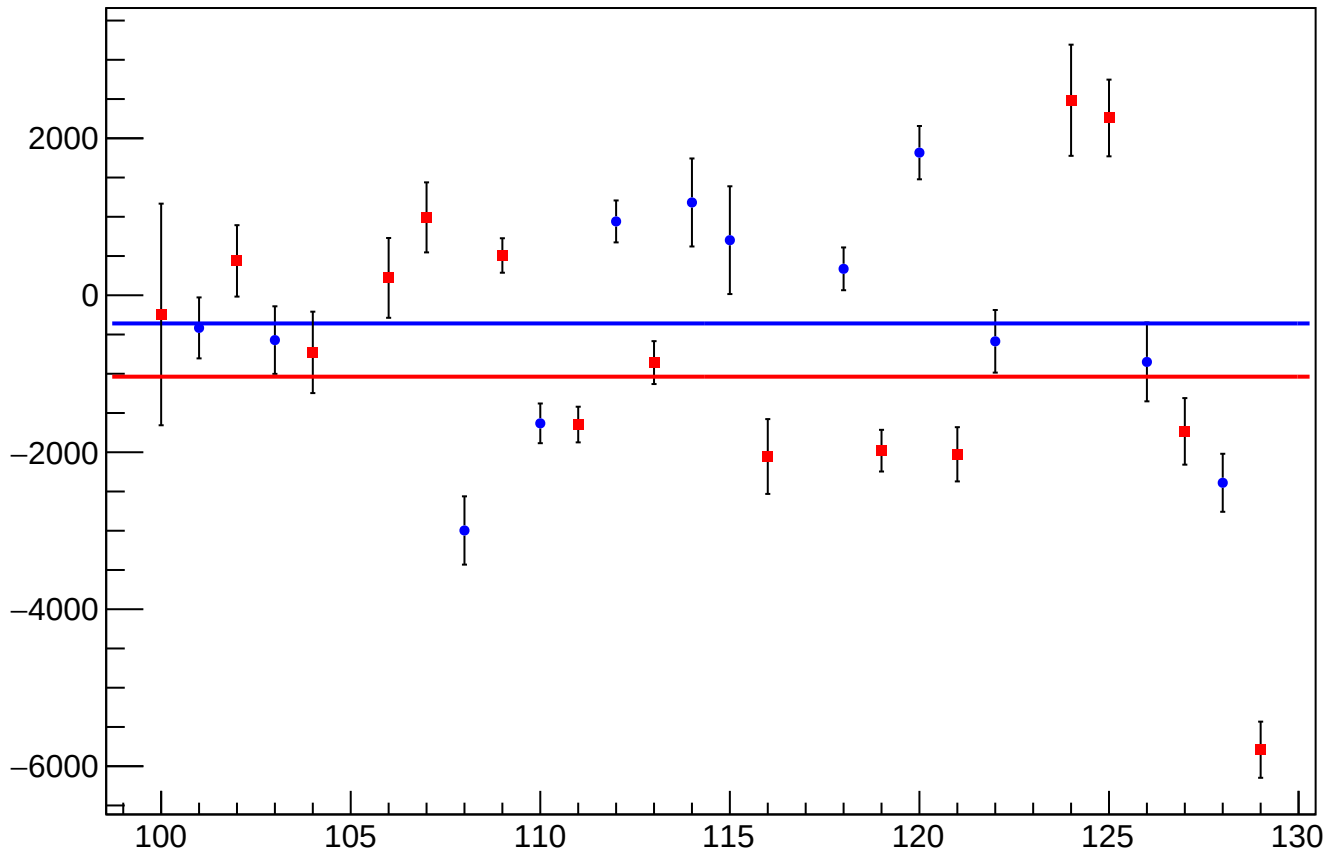
Right: 182.714+/-0.042 χ^2/NDF : 2210973.8/26

In: 191.461+/-0.064 χ^2/NDF : 884388.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.714+/-0.042 χ^2/NDF : 2210973.8/26

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -358.928+/-104.272 χ^2/NDF : 175.0/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

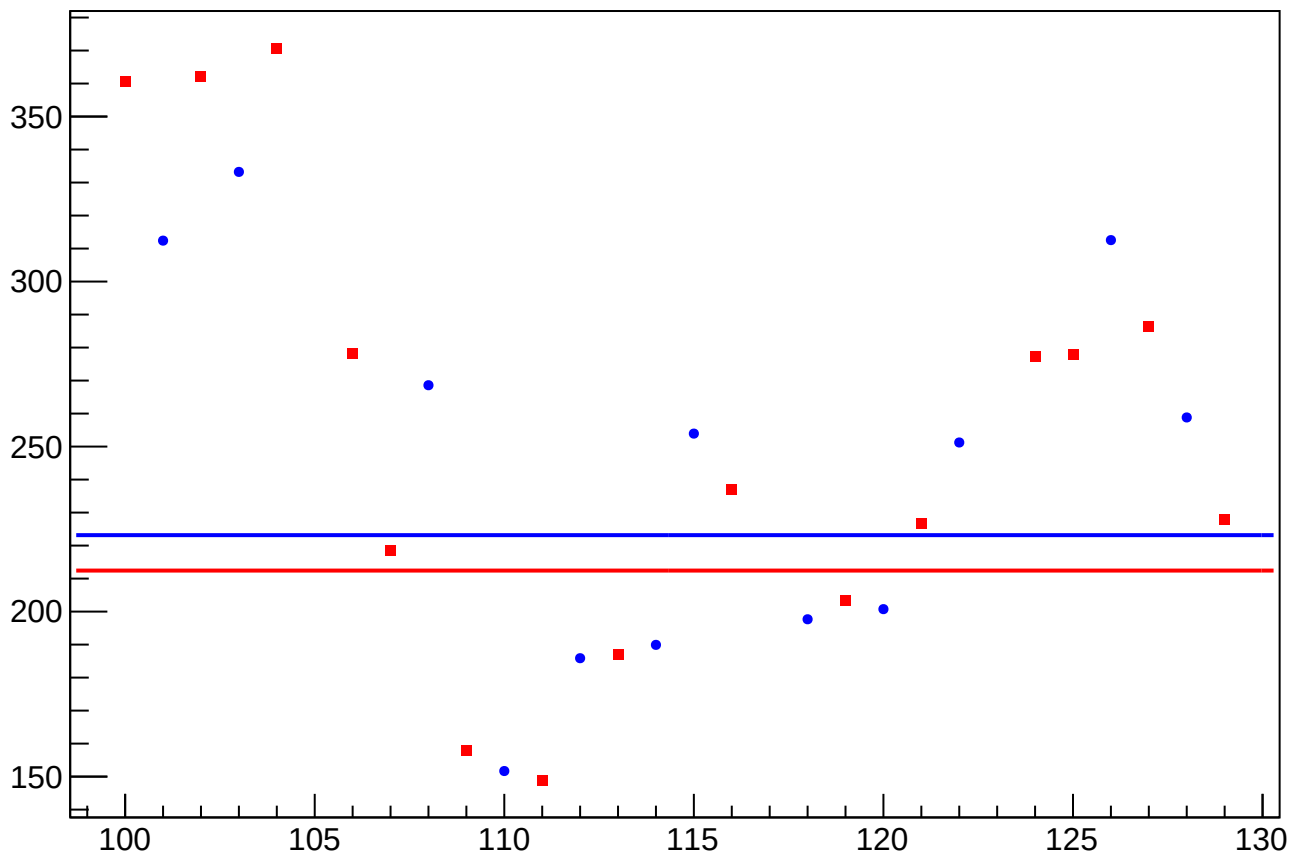
Right: -740.020+/-69.015 χ^2/NDF : 568.6/26

In: -358.928+/-104.272 χ^2/NDF :175.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -740.020+/-69.015 χ^2/NDF : 568.6/26

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 223.164+/-0.074 χ^2/NDF : 586083.5/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

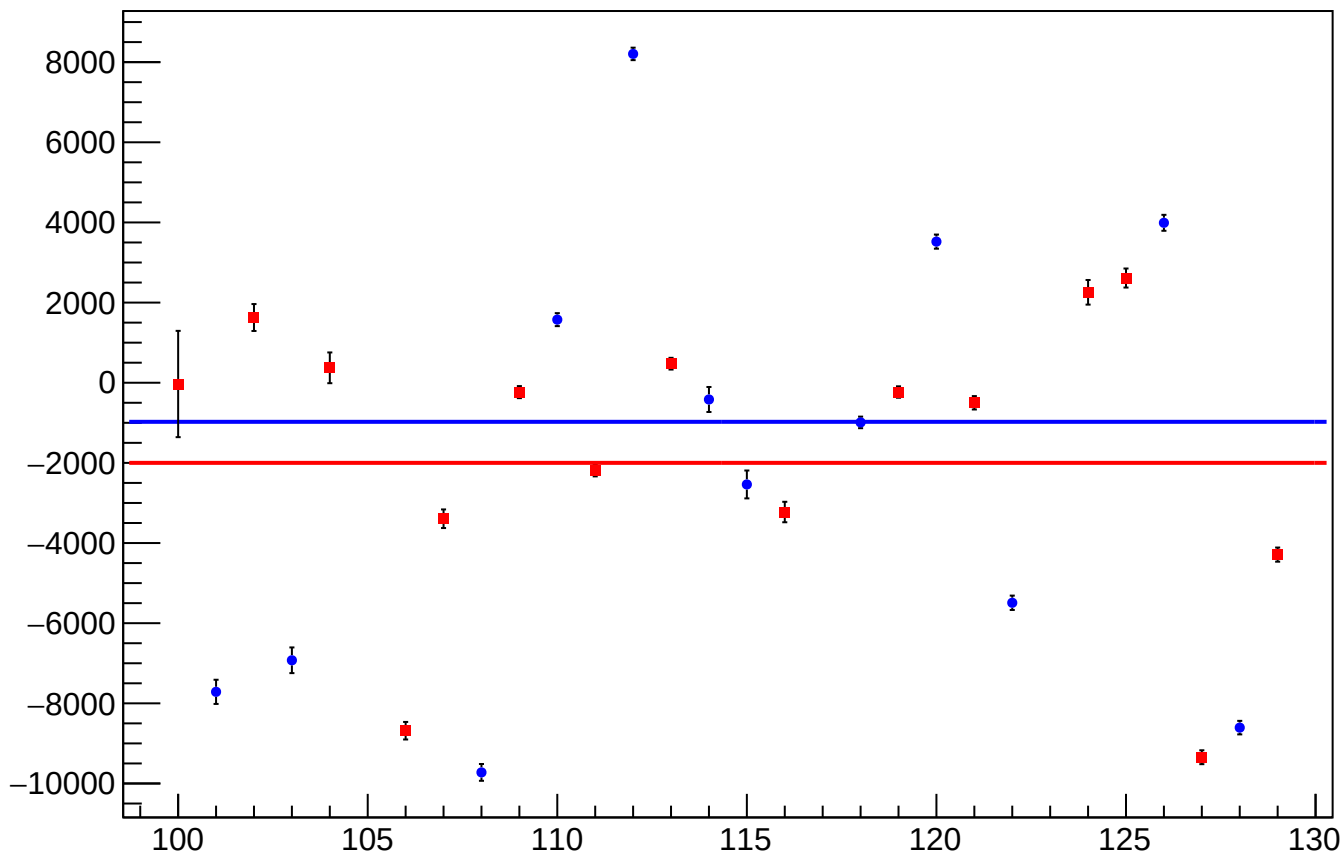
Right: 217.132+/-0.049 χ^2/NDF : 1480595.1/26

In: 223.164+/-0.074 χ^2/NDF :586083.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 217.132+/-0.049 χ^2/NDF : 1480595.1/26

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -975.144 ± 56.527 $\chi^2/\text{NDF}: 10285.8/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1999.212 ± 50.759 $\chi^2/\text{NDF}: 4342.6/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

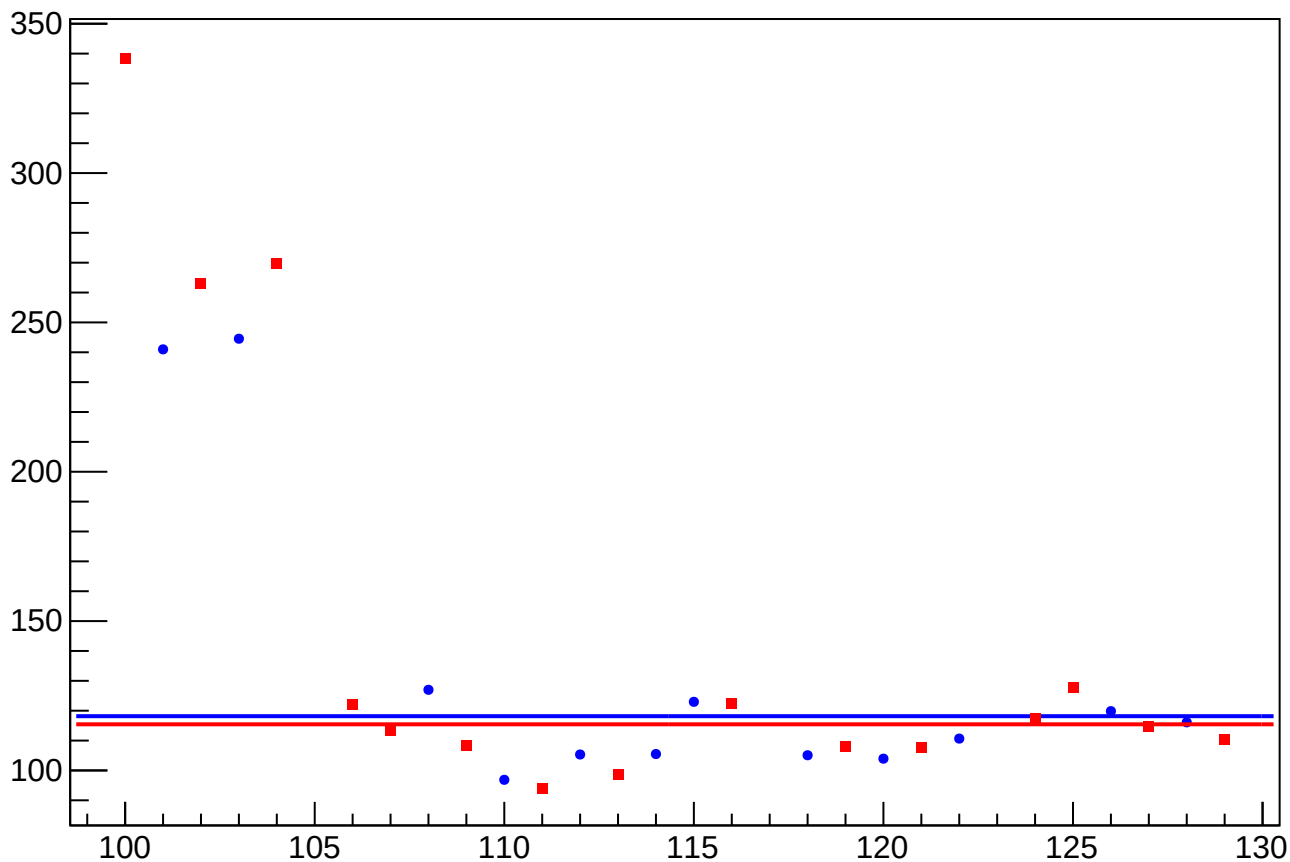
Right: -1542.079 ± 37.767 $\chi^2/\text{NDF}: 14810.1/26$

In: -975.144 ± 56.527 $\chi^2/\text{NDF}: 10285.8/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1542.079 ± 37.767 $\chi^2/\text{NDF}: 14810.1/26$

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 118.164+/-0.040 χ^2/NDF : 730920.6/11

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

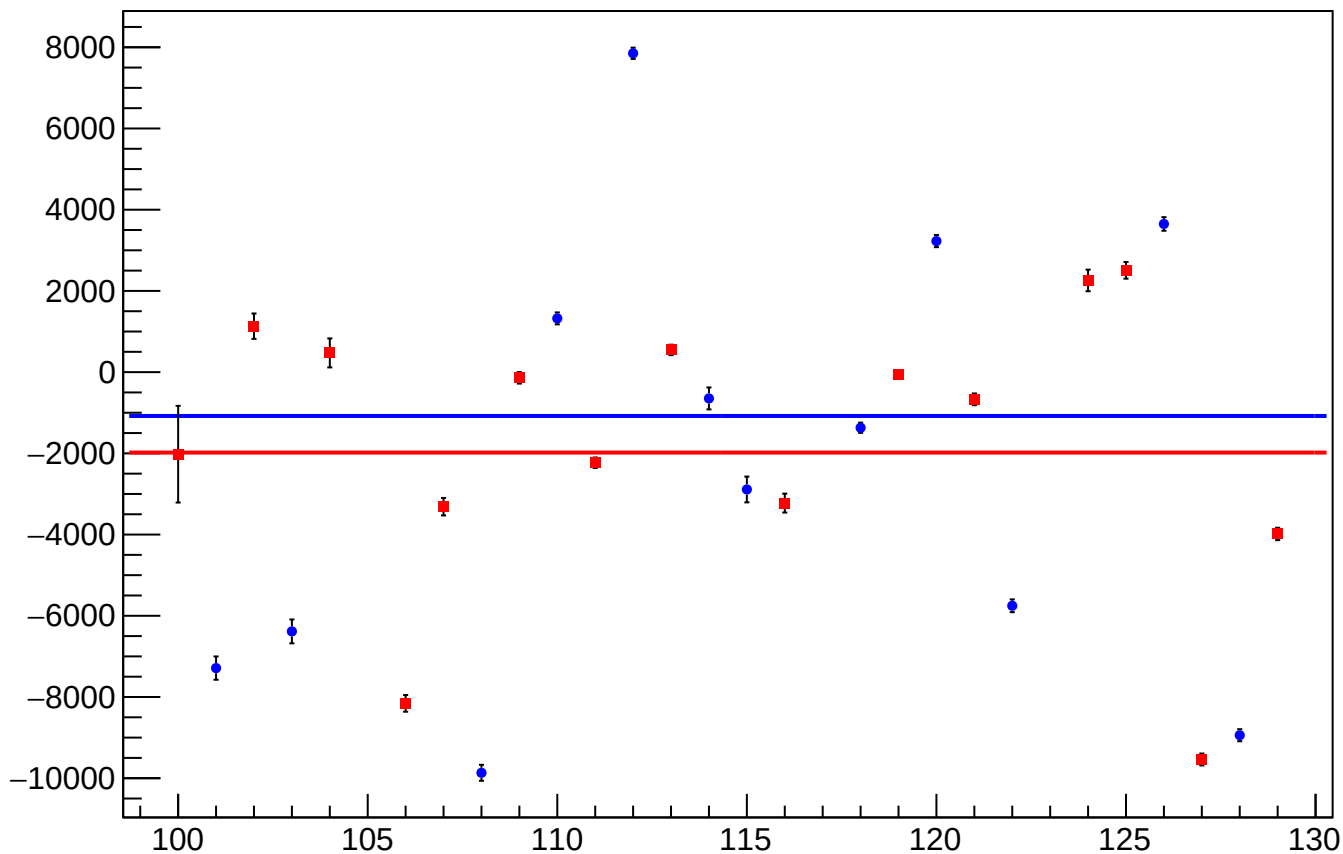
Right: 116.659+/-0.027 χ^2/NDF : 1595681.4/26

In: 118.164+/-0.040 χ^2/NDF : 730920.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.659+/-0.027 χ^2/NDF : 1595681.4/26

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -1079.392 ± 49.966 $\chi^2/\text{NDF}: 12534.4/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1980.491 ± 45.042 $\chi^2/\text{NDF}: 5553.6/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

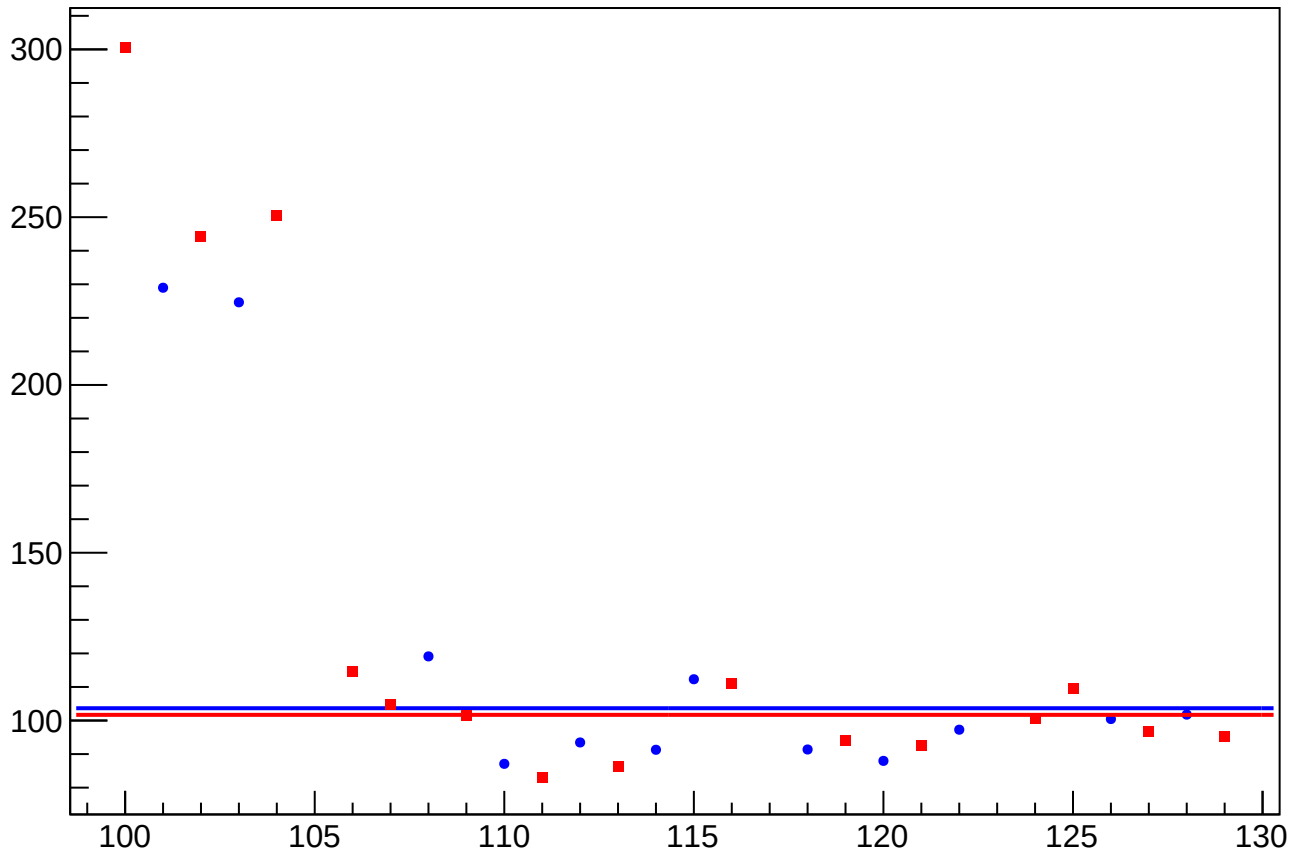
Right: -1576.519 ± 33.455 $\chi^2/\text{NDF}: 18267.5/26$

In: -1079.392 ± 49.966 $\chi^2/\text{NDF}: 12534.4/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1576.519 ± 33.455 $\chi^2/\text{NDF}: 18267.5/26$

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 103.665+/-0.035 χ^2/NDF : 820343.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

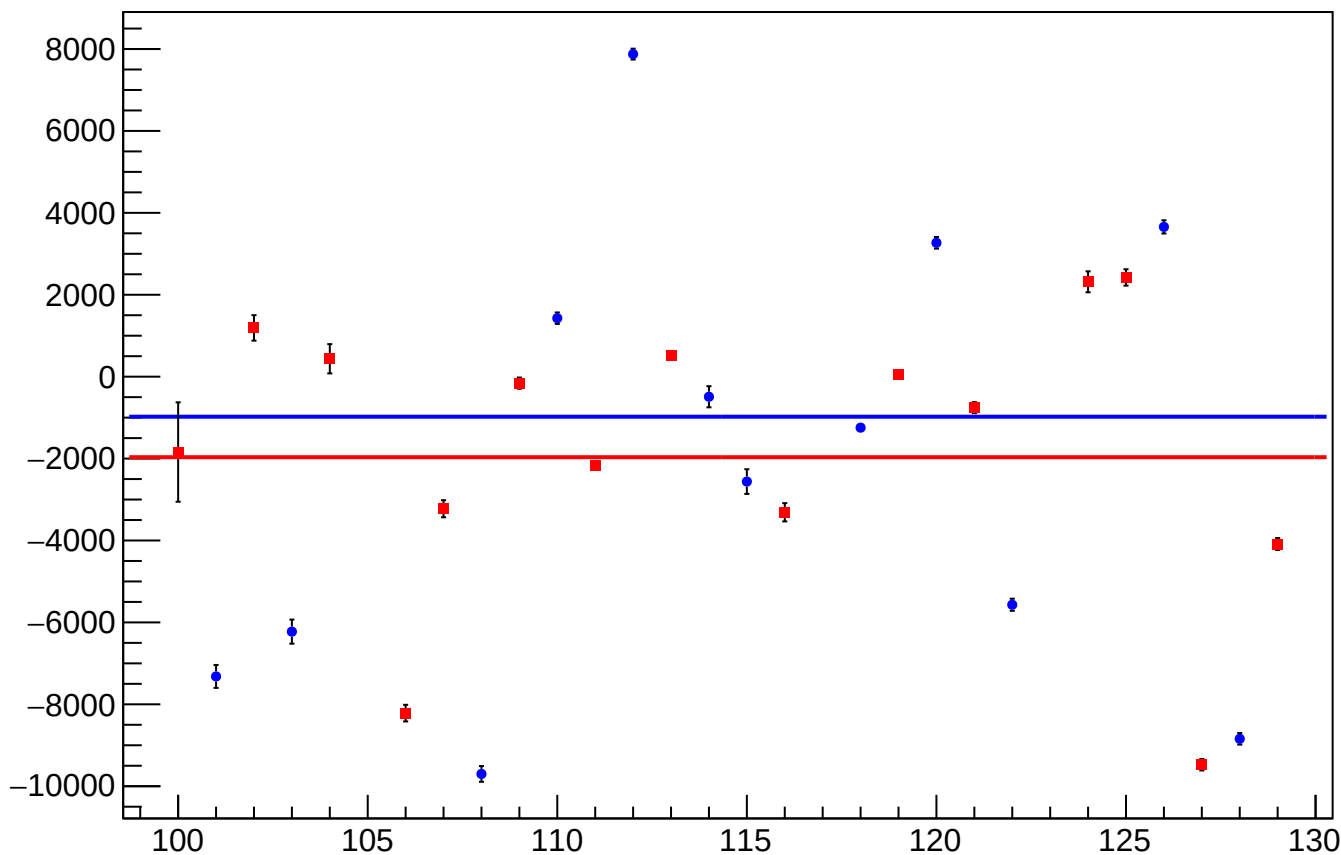
Right: 102.576+/-0.024 χ^2/NDF : 1748414.8/26

In: 103.665+/-0.035 χ^2/NDF : 820343.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.576+/-0.024 χ^2/NDF : 1748414.8/26

asym_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: -977.585+/-47.780 χ^2/NDF : 13477.4/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

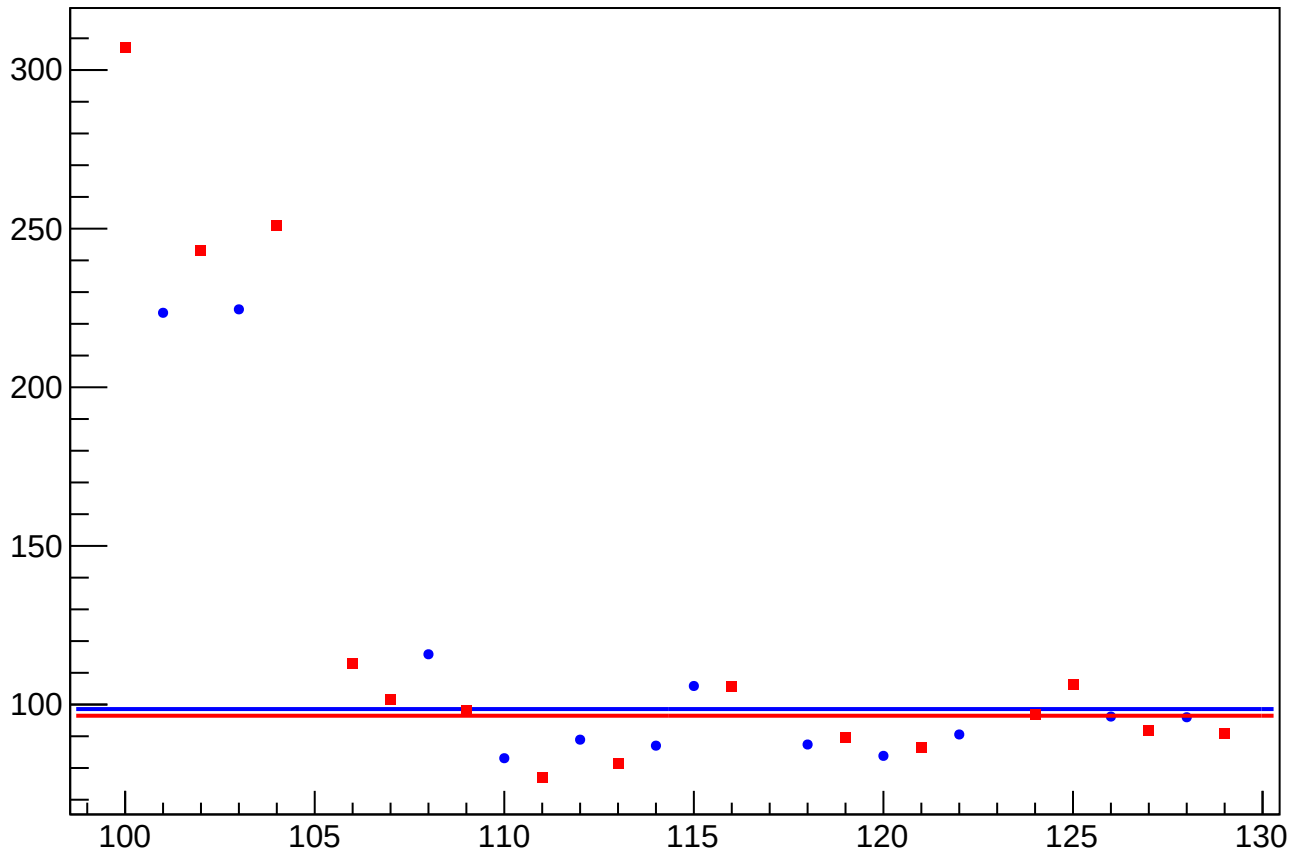
Right: -1523.914+/-31.964 χ^2/NDF : 19707.6/26

In: -977.585+/-47.780 χ^2/NDF :13477.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1523.914+/-31.964 χ^2/NDF : 19707.6/26

asym_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 98.576+/-0.034 χ^2/NDF : 865527.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.473+/-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

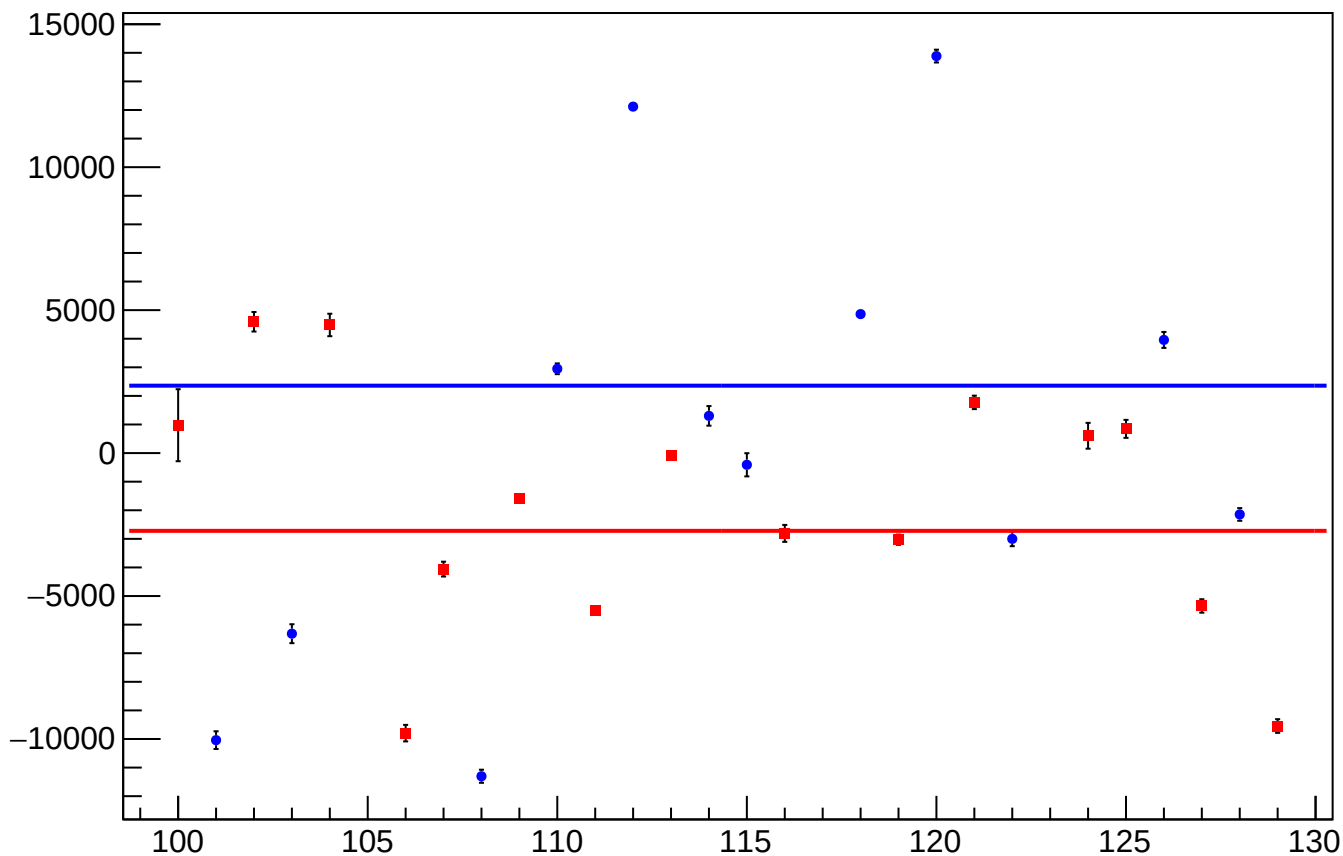
Right: 97.414+/-0.023 χ^2/NDF : 1875305.9/26

In: 98.576+/-0.034 χ^2/NDF : 865527.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.414+/-0.023 χ^2/NDF : 1875305.9/26

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 2357.778+/-68.004 χ^2/NDF : 12742.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

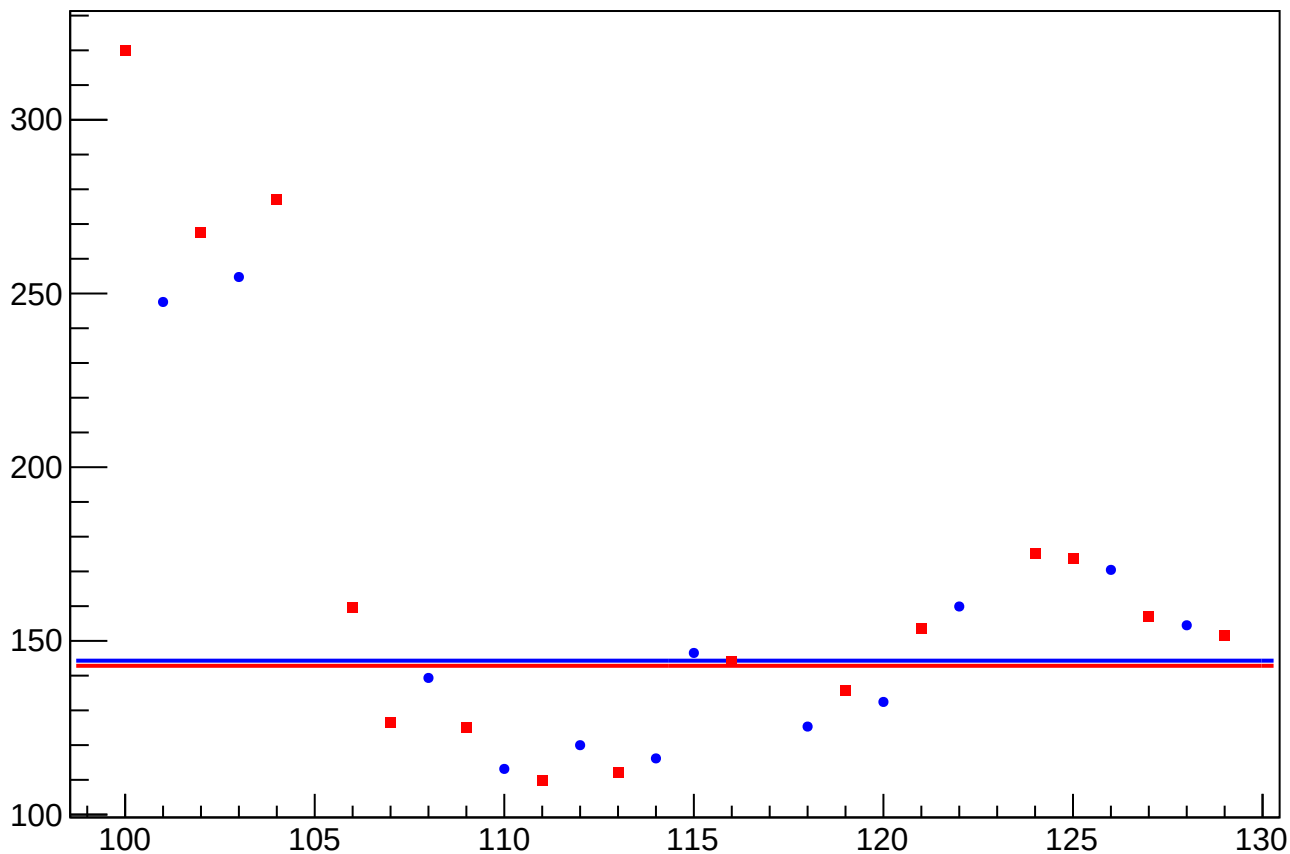
Right: -410.719+/-45.858 χ^2/NDF : 19262.3/26

In: 2357.778+/-68.004 χ^2/NDF : 12742.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -410.719+/-45.858 χ^2/NDF : 19262.3/26

asym_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 144.308+/-0.048 χ^2/NDF : 611871.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 142.833+/-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

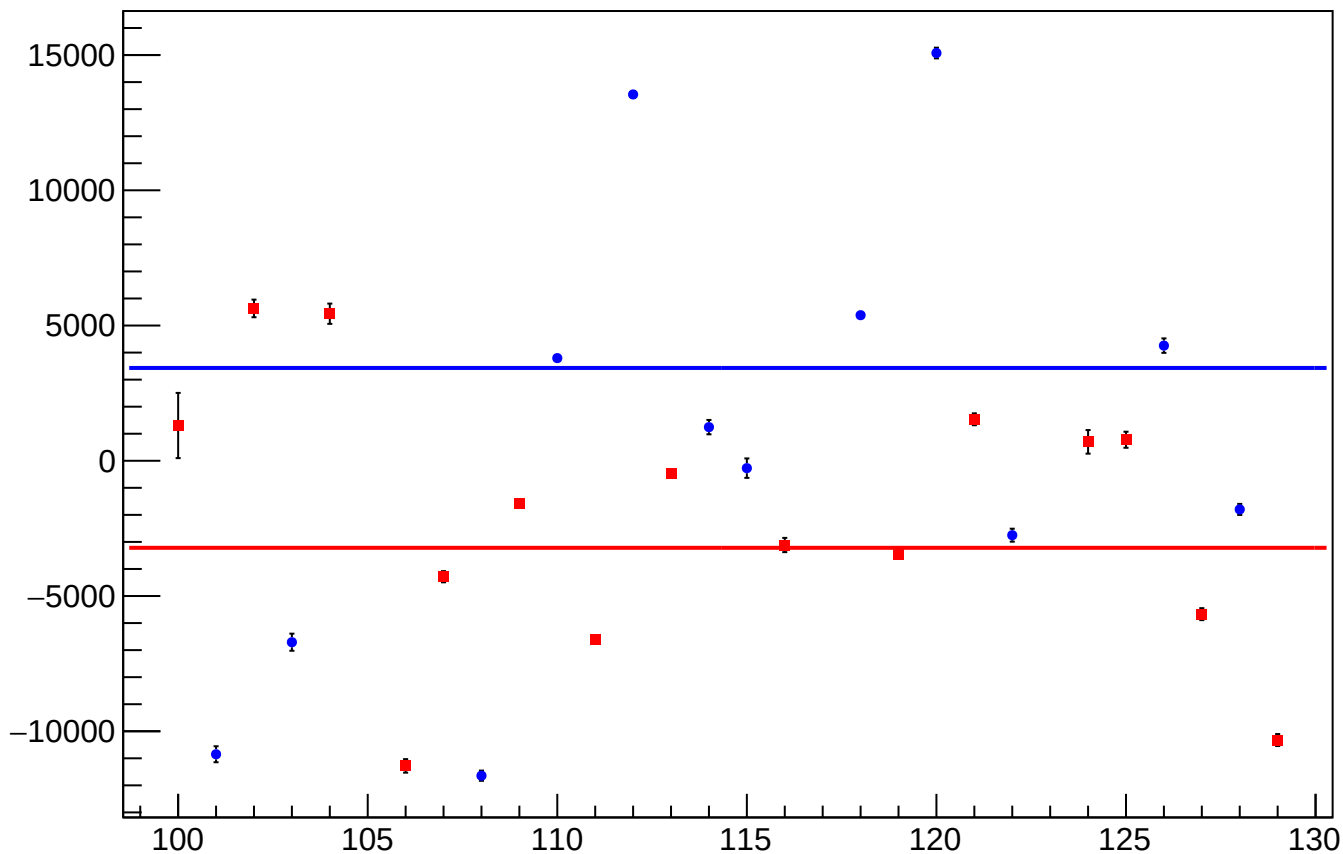
Right: 143.504+/-0.032 χ^2/NDF : 1378557.4/26

In: 144.308+/-0.048 χ^2/NDF :611871.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 143.504+/-0.032 χ^2/NDF : 1378557.4/26

asym_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 3431.903+/-57.217 χ^2/NDF : 20555.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

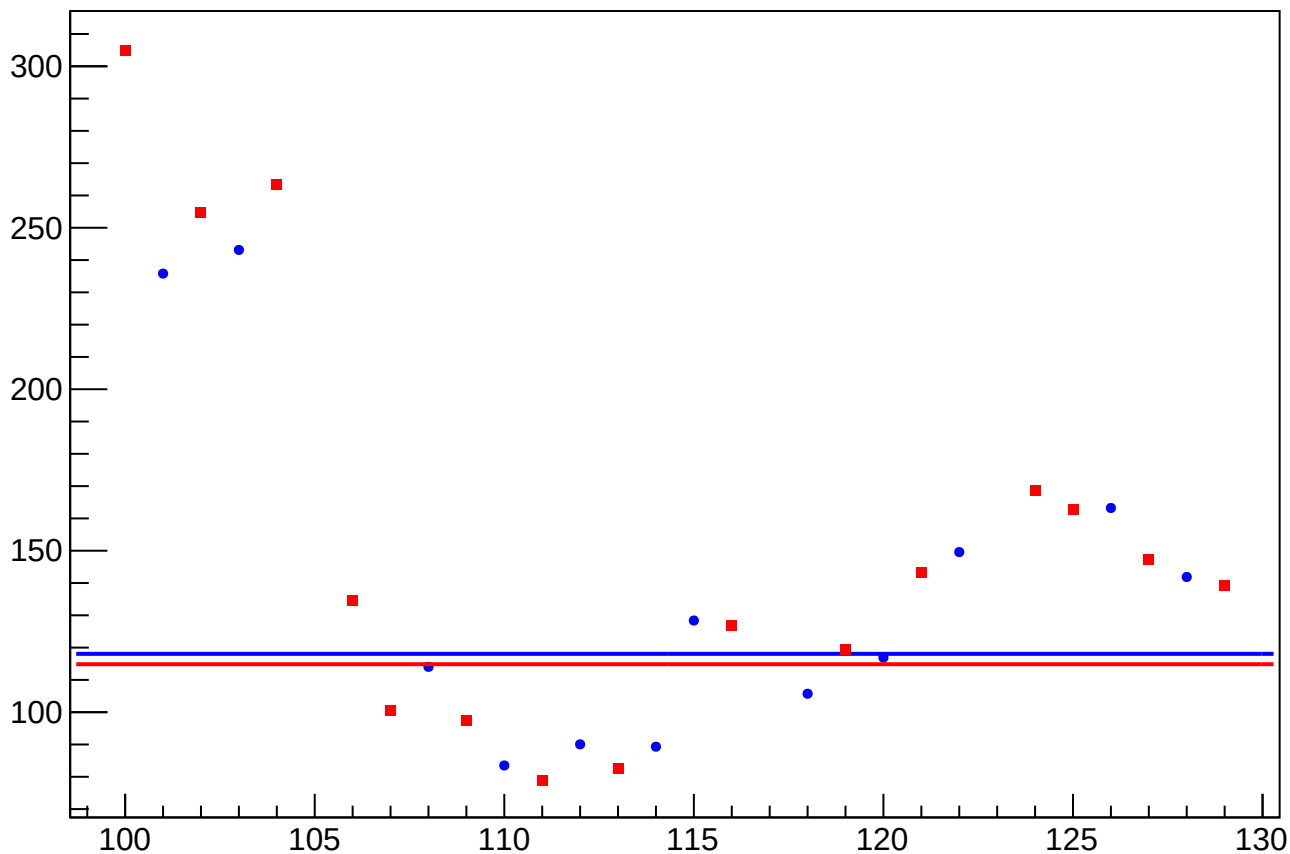
Right: -236.068+/-38.313 χ^2/NDF : 33641.7/26

In: 3431.903+/-57.217 χ^2/NDF : 20555.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -236.068+/-38.313 χ^2/NDF : 33641.7/26

asym_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 118.069+/-0.040 χ^2/NDF : 997185.8/11

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

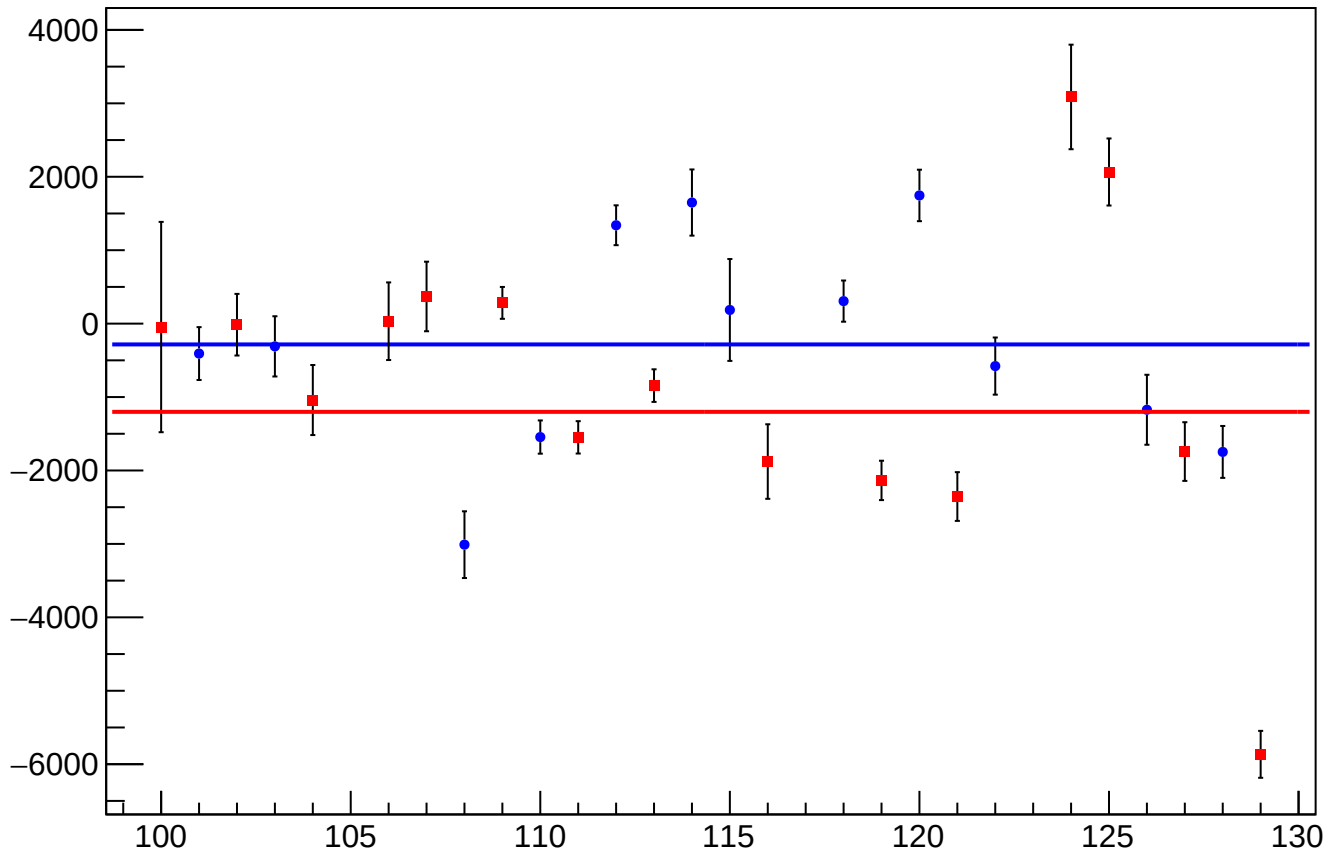
Right: 116.296+/-0.027 χ^2/NDF : 2286347.9/26

In: 118.069+/-0.040 χ^2/NDF :997185.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 116.296+/-0.027 χ^2/NDF : 2286347.9/26

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -283.281+/-100.780 χ^2/NDF : 180.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

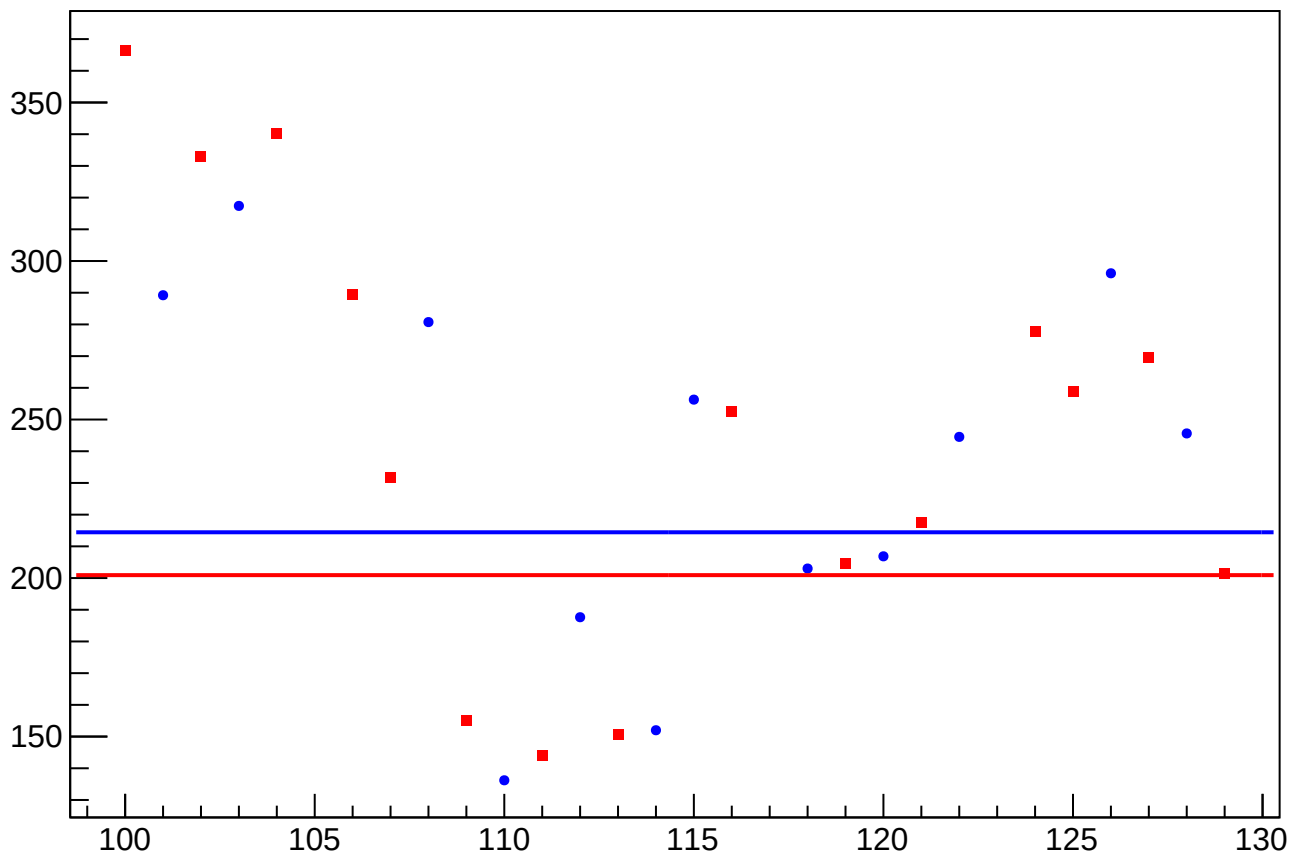
Right: -806.551+/-66.097 χ^2/NDF : 633.6/26

In: -283.281+/-100.780 χ^2/NDF : 180.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -806.551+/-66.097 χ^2/NDF : 633.6/26

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 214.437+/-0.071 χ^2/NDF : 649542.4/11

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

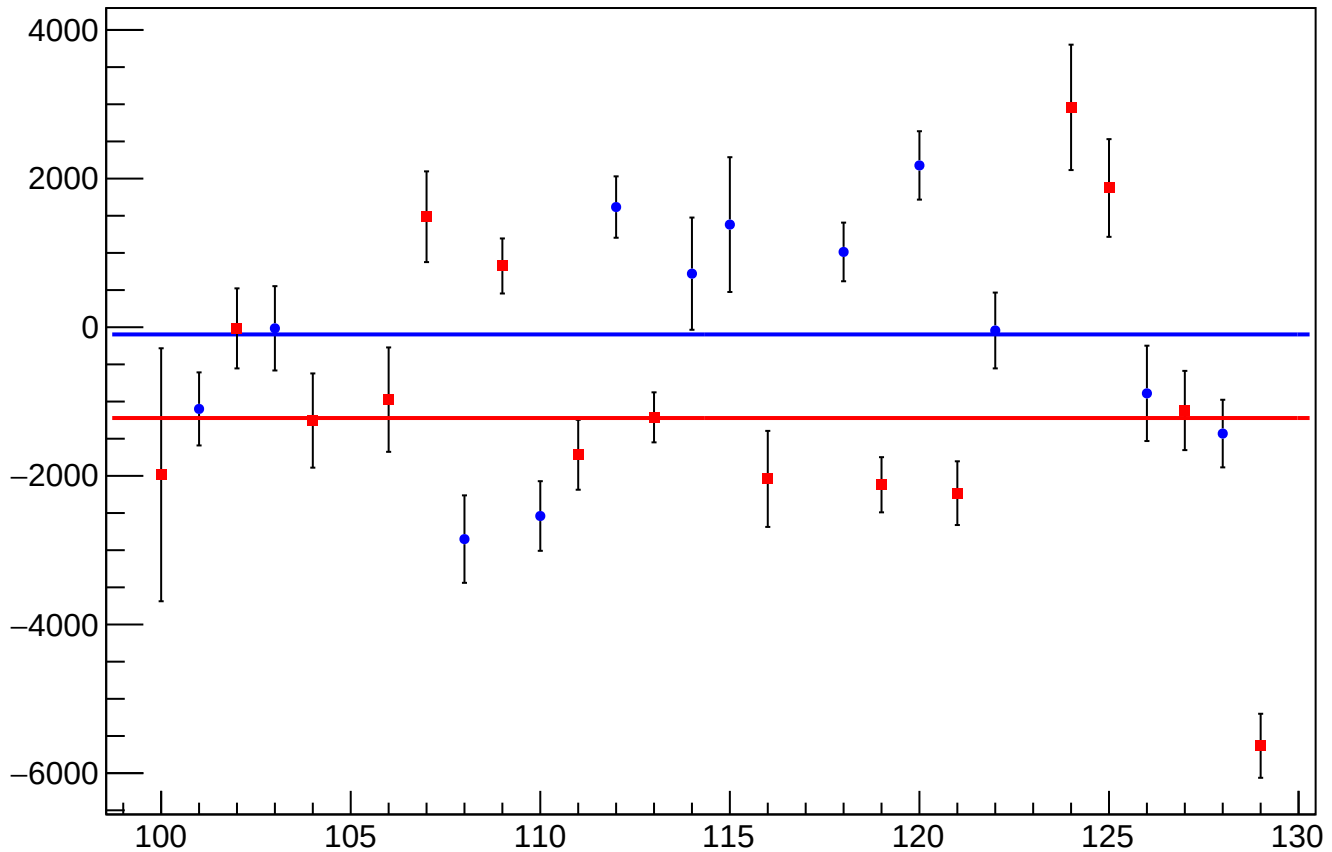
Right: 206.734+/-0.047 χ^2/NDF : 1594776.4/26

In: 214.437+/-0.071 χ^2/NDF :649542.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 206.734+/-0.047 χ^2/NDF : 1594776.4/26

asym_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: -96.823+/-147.808 χ^2/NDF : 116.8/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

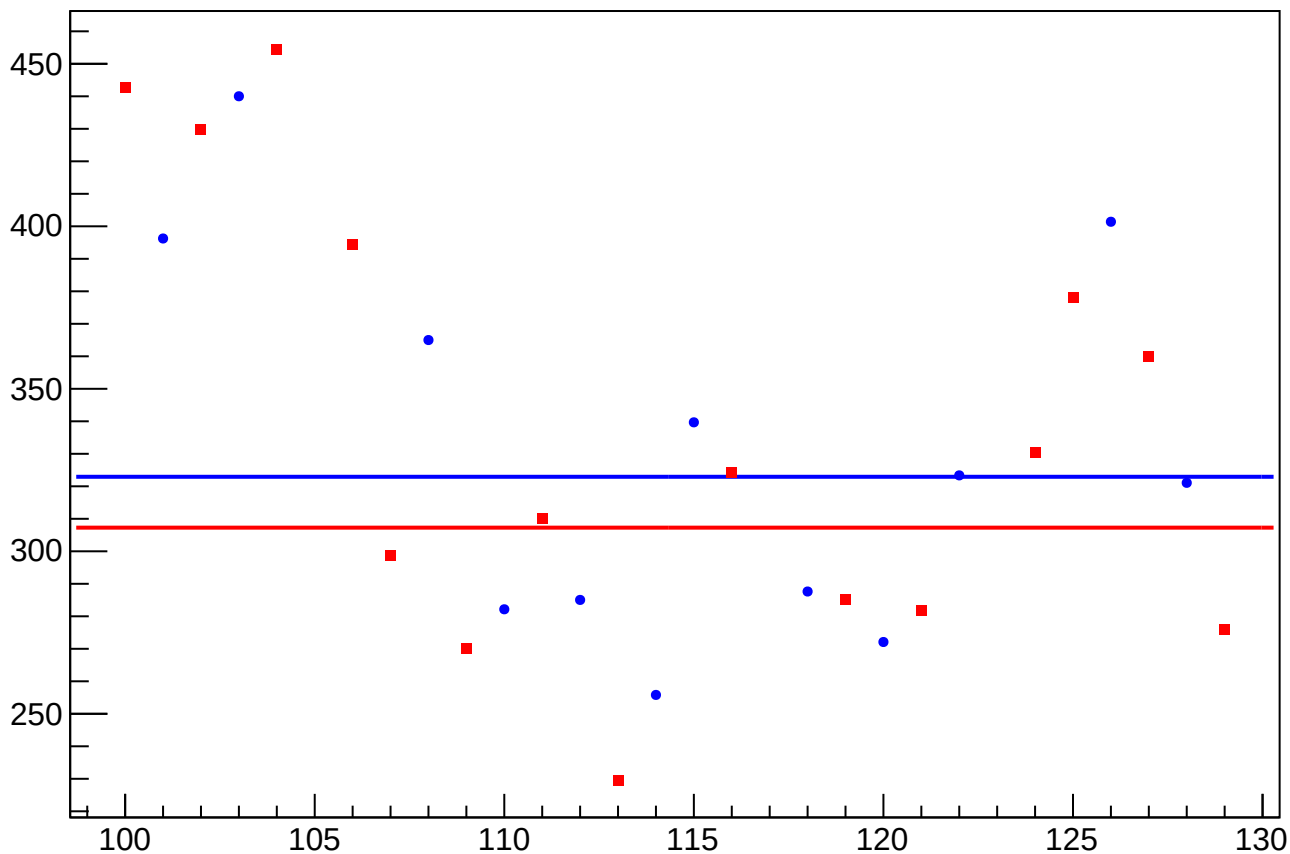
Right: -731.849+/-97.536 χ^2/NDF : 370.7/26

In: -96.823+/-147.808 χ^2/NDF :116.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -731.849+/-97.536 χ^2/NDF : 370.7/26

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 322.930+/-0.105 χ^2/NDF : 258748.9/11

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

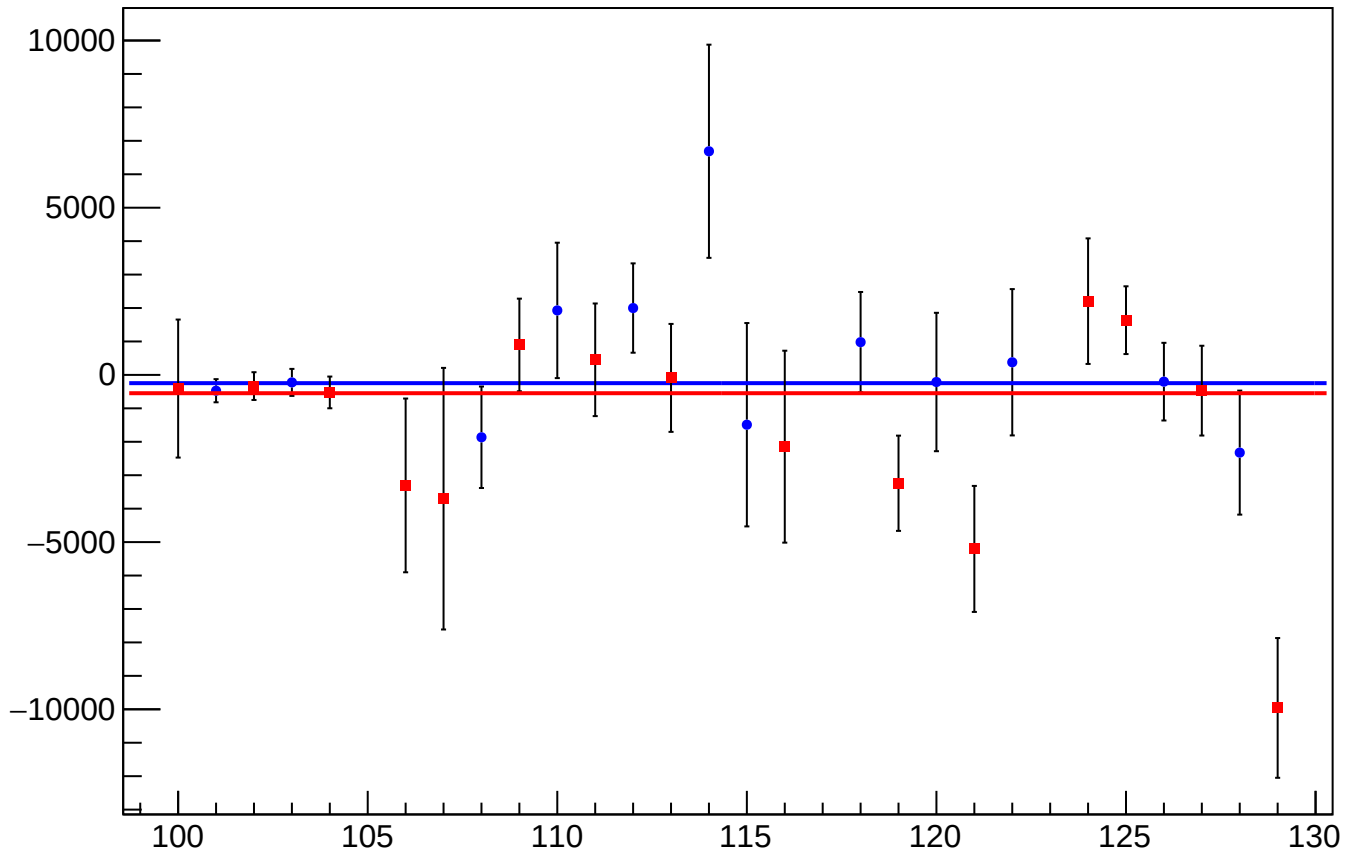
Right: 314.094+/-0.069 χ^2/NDF : 723708.8/26

In: 322.930+/-0.105 χ^2/NDF : 258748.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 314.094+/-0.069 χ^2/NDF : 723708.8/26

asym_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: -246.673+/-236.725 χ^2/NDF : 12.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

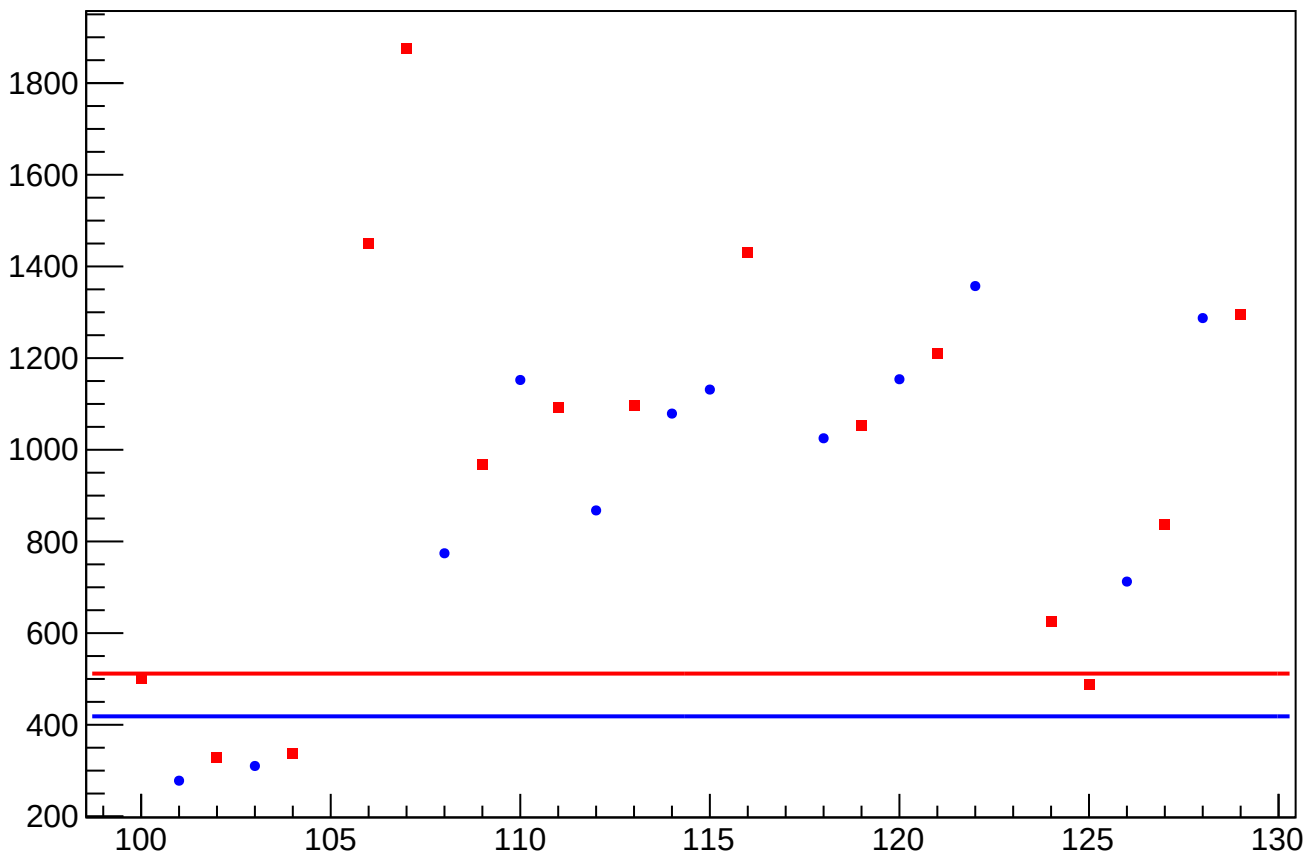
Right: -383.447+/-174.770 χ^2/NDF : 53.8/26

In: -246.673+/-236.725 χ^2/NDF : 12.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -383.447+/-174.770 χ^2/NDF : 53.8/26

asym_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 418.424+/-0.167 χ^2/NDF : 2782643.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

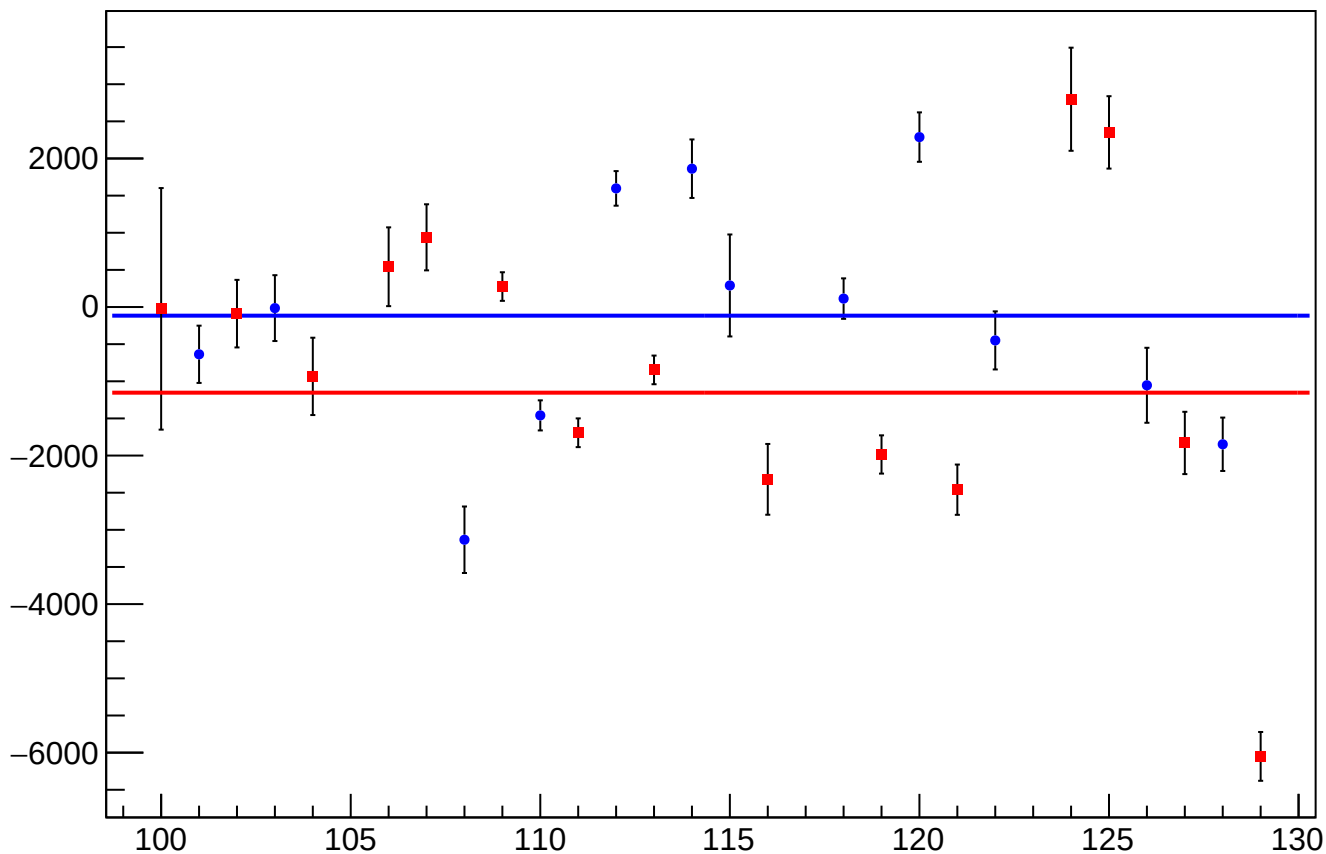
Right: 460.866+/-0.124 χ^2/NDF : 5973999.7/26

In: 418.424+/-0.167 χ^2/NDF : 2782643.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 460.866+/-0.124 χ^2/NDF : 5973999.7/26

asym_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: -116.343+/-95.845 χ^2/NDF : 251.2/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

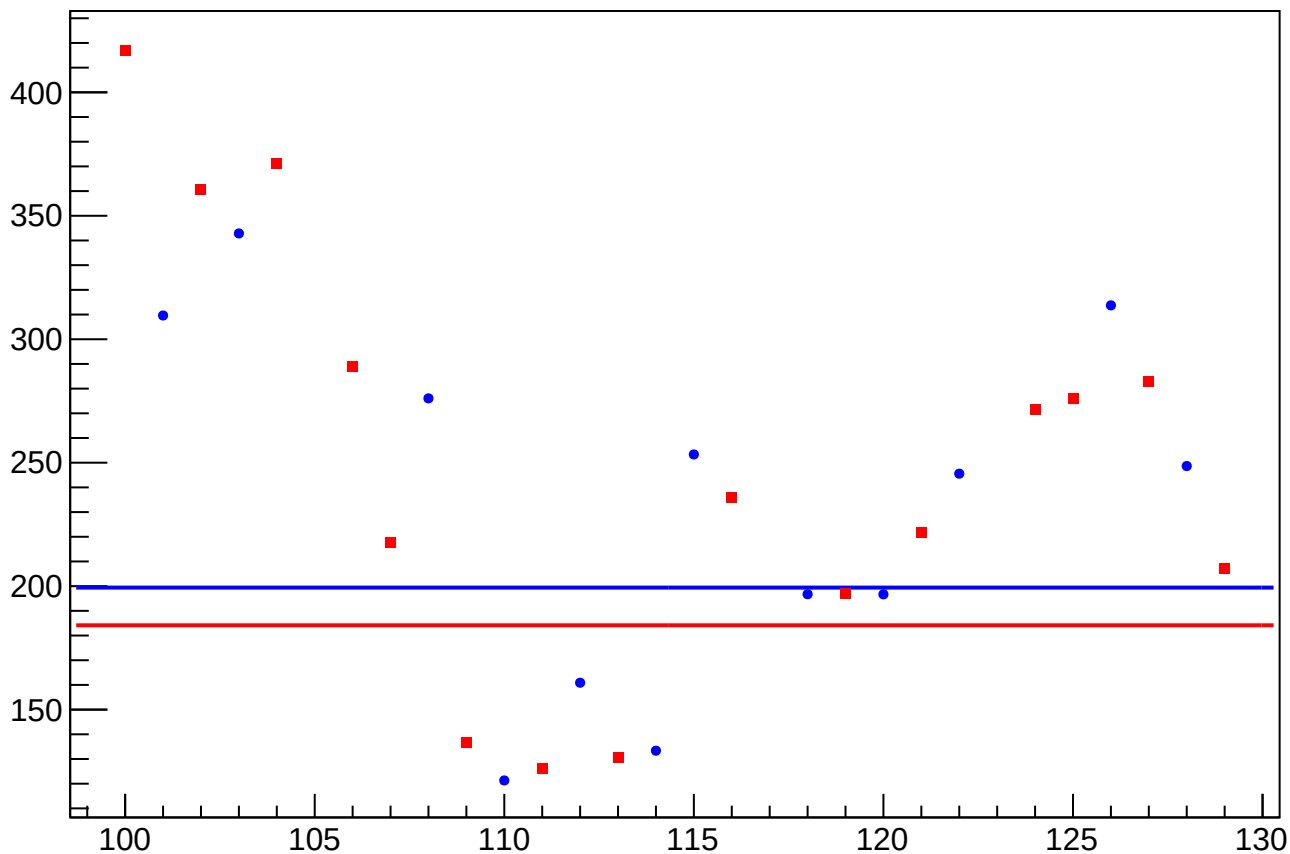
Right: -712.883+/-62.460 χ^2/NDF : 762.4/26

In: -116.343+/-95.845 χ^2/NDF :251.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -712.883+/-62.460 χ^2/NDF : 762.4/26

asym_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 199.413+/-0.068 χ^2/NDF : 1020096.5/11

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

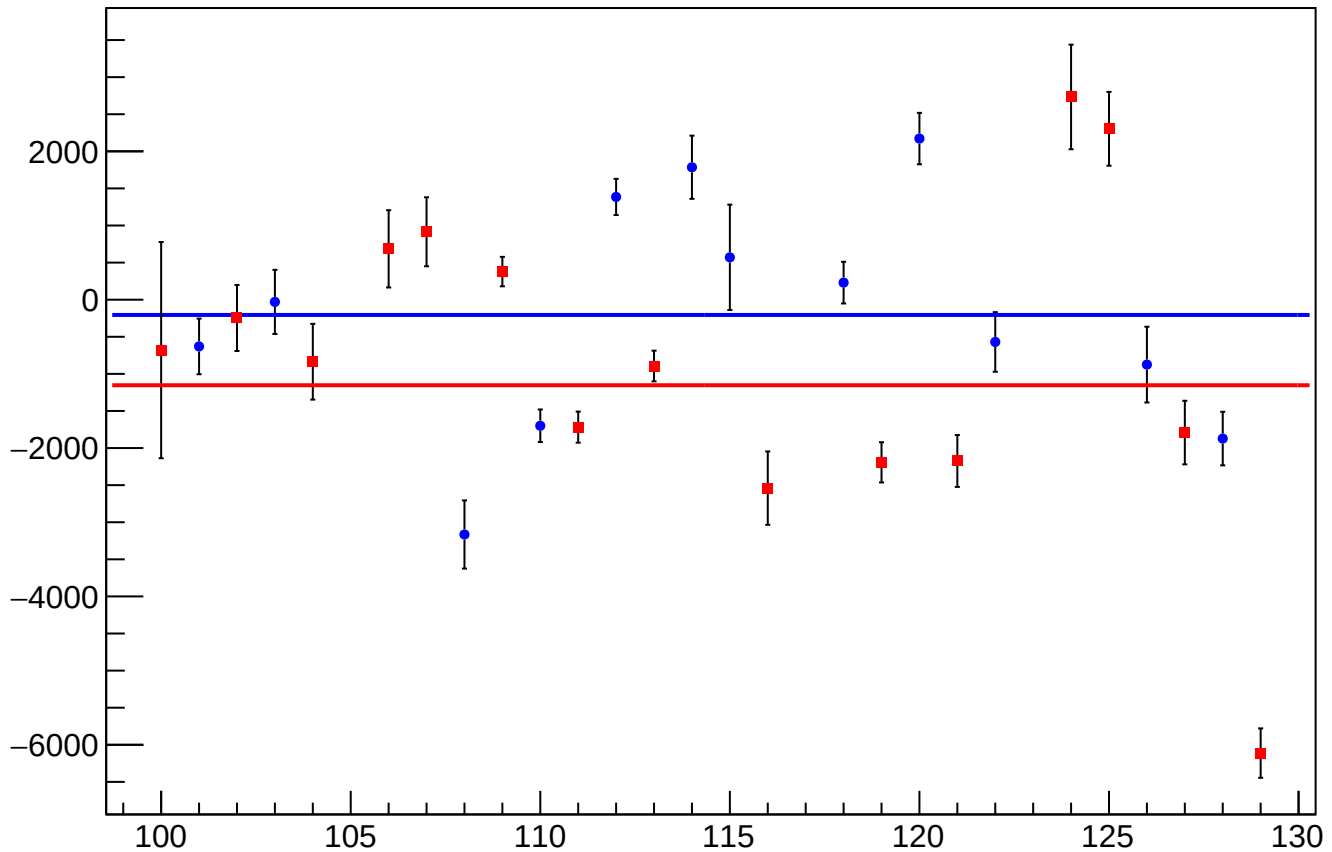
Right: 190.629+/-0.044 χ^2/NDF : 2472583.6/26

In: 199.413+/-0.068 χ^2/NDF :1020096.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 190.629+/-0.044 χ^2/NDF : 2472583.6/26

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: -205.648+/-99.533 χ^2/NDF : 228.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

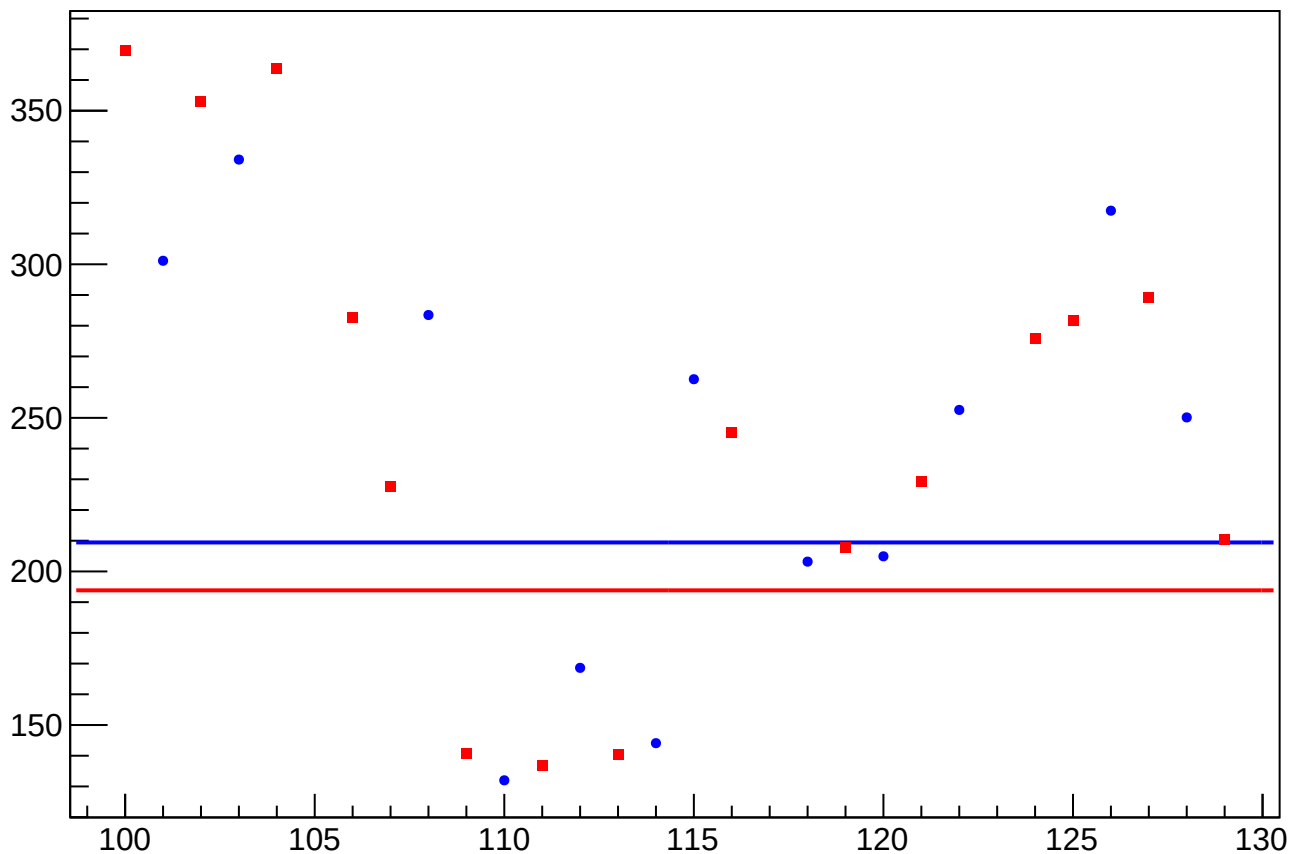
Right: -748.850+/-65.021 χ^2/NDF : 719.1/26

In: -205.648+/-99.533 χ^2/NDF : 228.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -748.850+/-65.021 χ^2/NDF : 719.1/26

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 209.438+/-0.070 χ^2/NDF : 840069.5/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 193.847+/-0.061 χ^2/NDF : 1240115.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

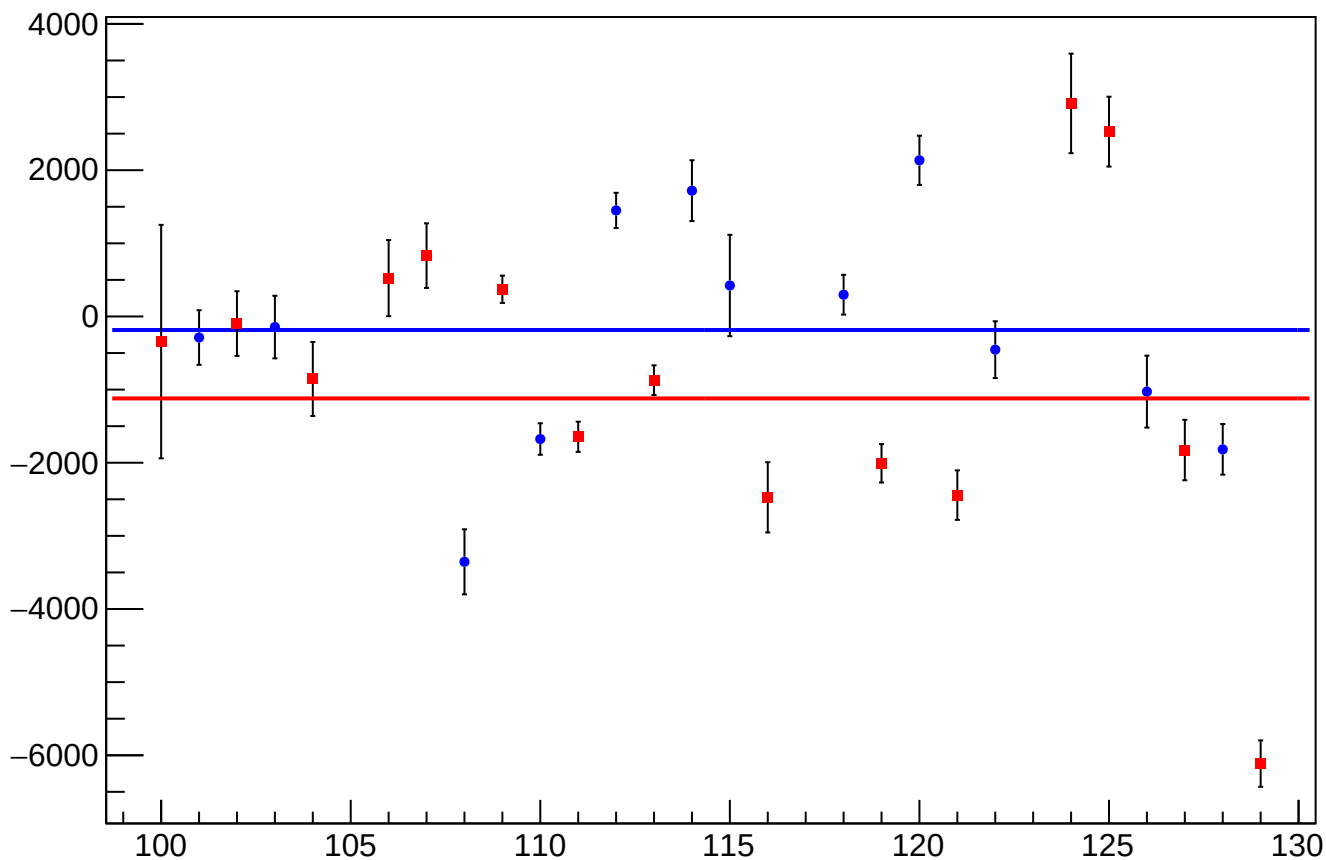
Right: 200.500+/-0.046 χ^2/NDF : 2108316.4/26

In: 209.438+/-0.070 χ^2/NDF :840069.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 200.500+/-0.046 χ^2/NDF : 2108316.4/26

asym_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: -185.270+/-97.182 χ^2/NDF : 243.1/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

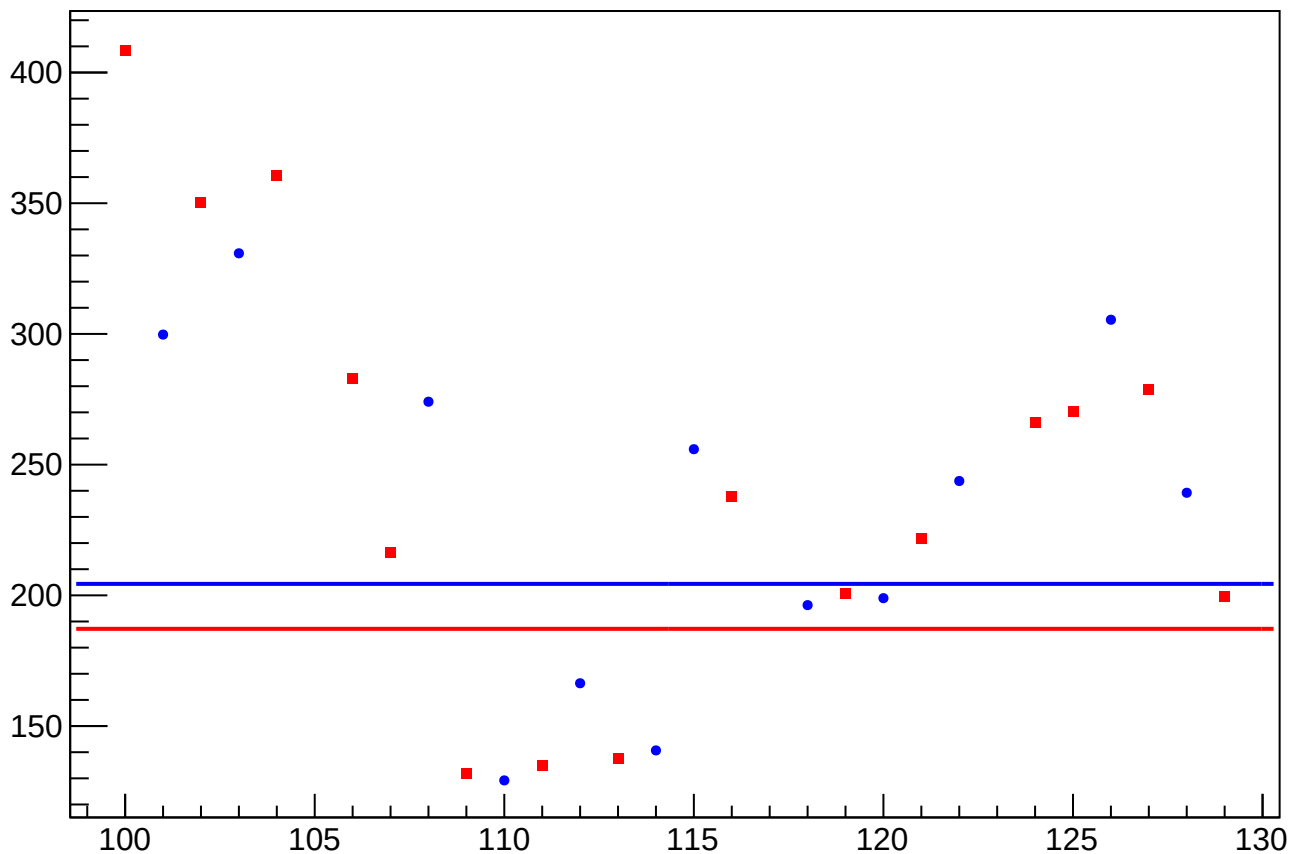
Right: -725.208+/-63.187 χ^2/NDF : 782.7/26

In: -185.270+/-97.182 χ^2/NDF :243.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -725.208+/-63.187 χ^2/NDF : 782.7/26

asym_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 204.387+/-0.069 χ^2/NDF : 833599.7/11

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

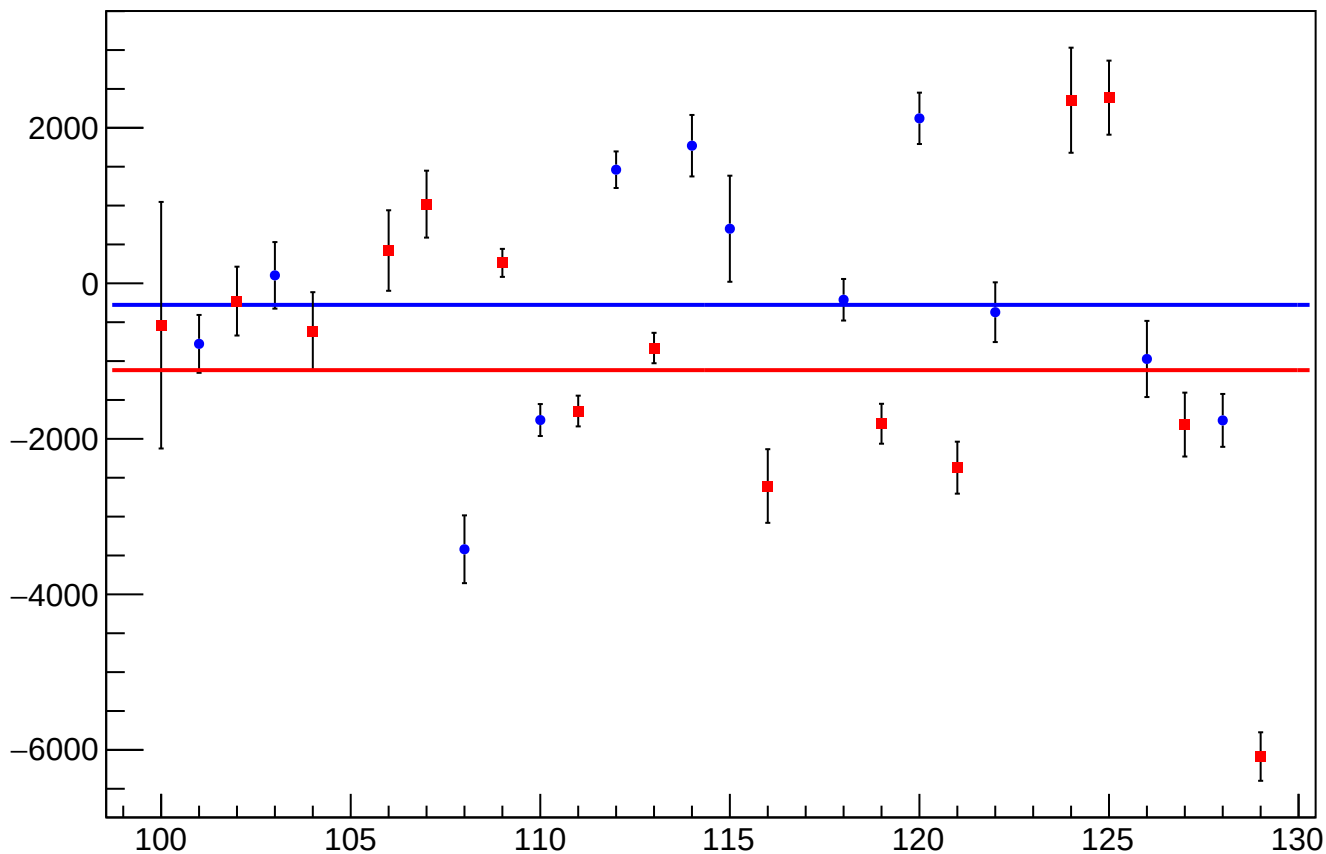
Right: 194.463+/-0.045 χ^2/NDF : 2151911.5/26

In: 204.387+/-0.069 χ^2/NDF :833599.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 194.463+/-0.045 χ^2/NDF : 2151911.5/26

asym_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: -277.103+/-94.919 χ^2/NDF : 263.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

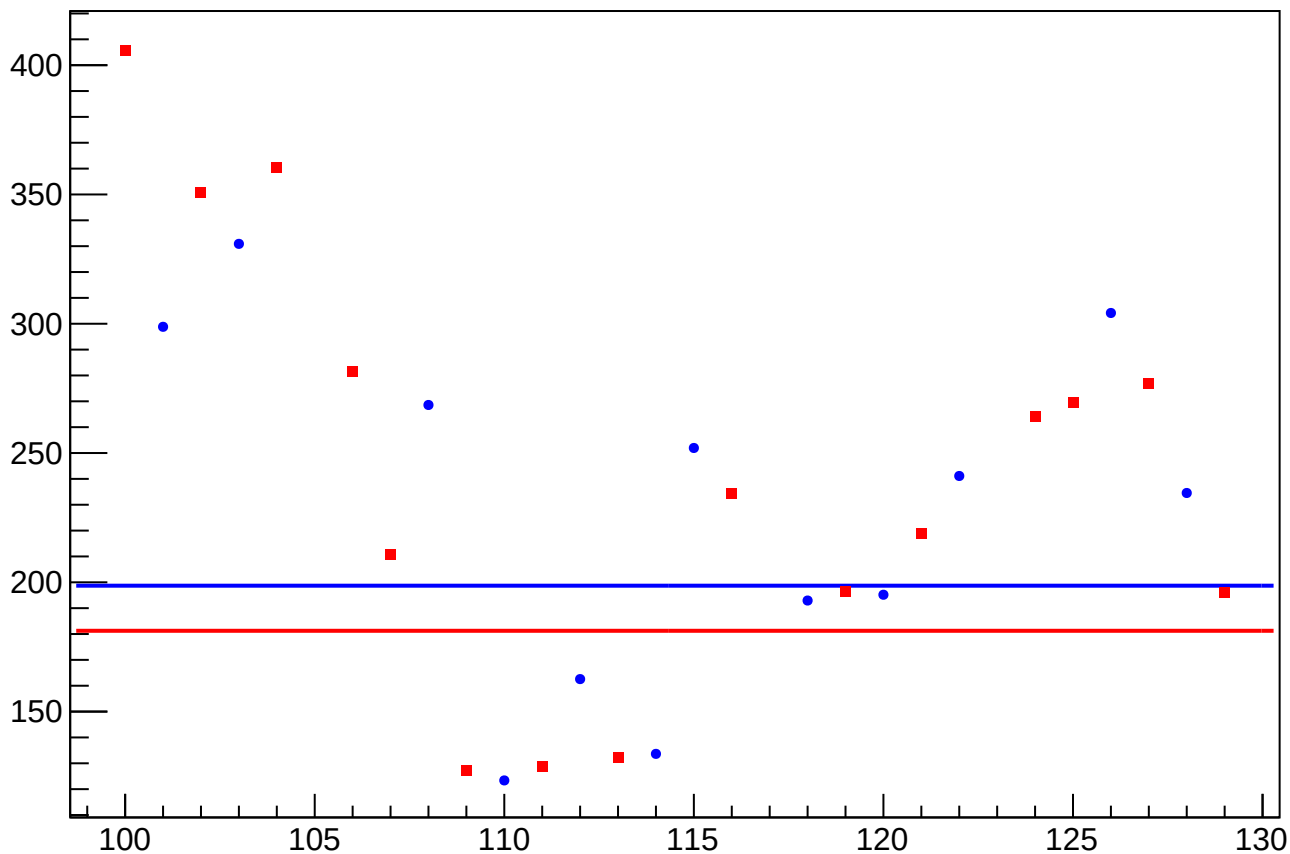
Right: -762.894+/-61.603 χ^2/NDF : 784.1/26

In: -277.103+/-94.919 χ^2/NDF :263.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -762.894+/-61.603 χ^2/NDF : 784.1/26

asym_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 198.692+/-0.067 χ^2/NDF : 909667.1/11

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

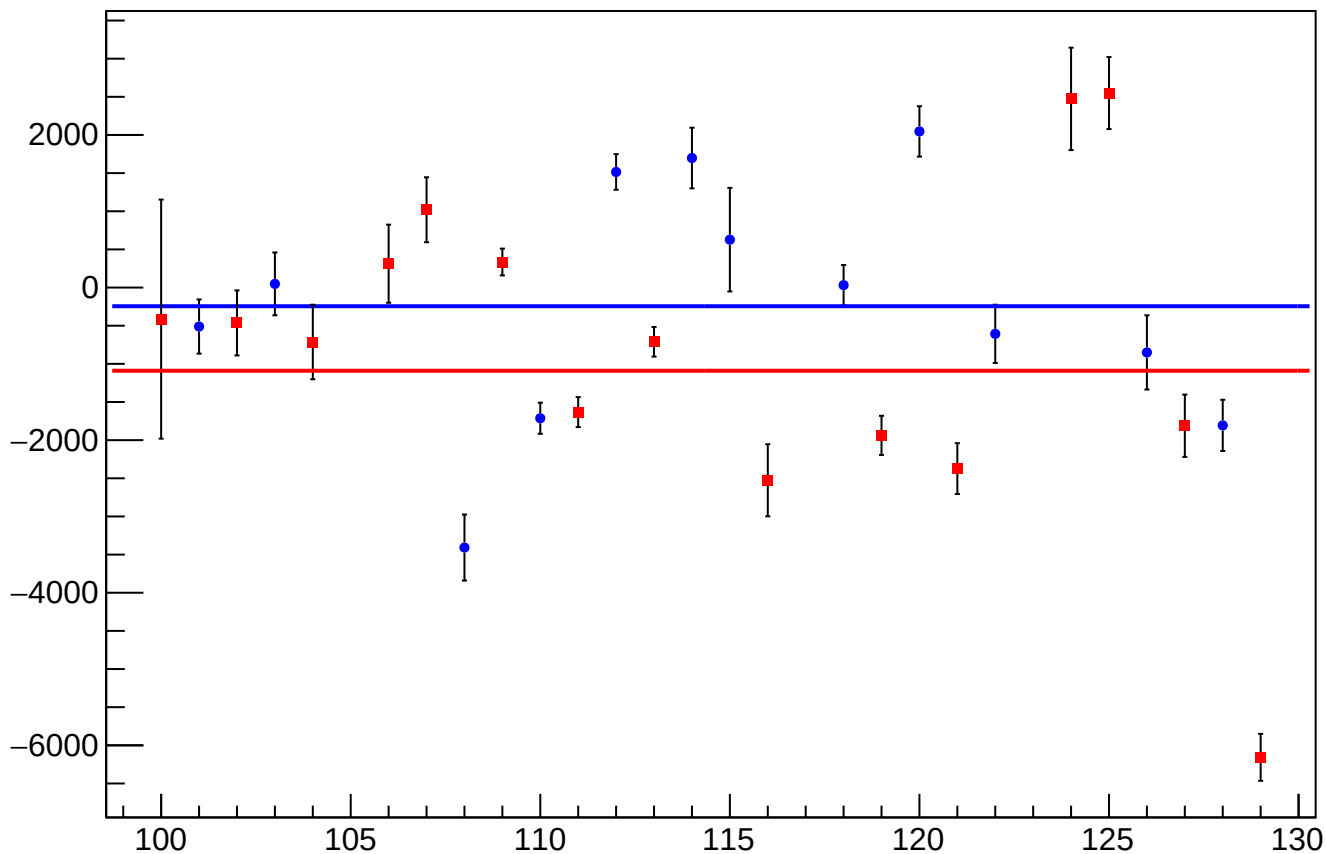
Right: 188.596+/-0.044 χ^2/NDF : 2333613.8/26

In: 198.692+/-0.067 χ^2/NDF :909667.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 188.596+/-0.044 χ^2/NDF : 2333613.8/26

asym_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: -244.595+/-93.890 χ^2/NDF : 261.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

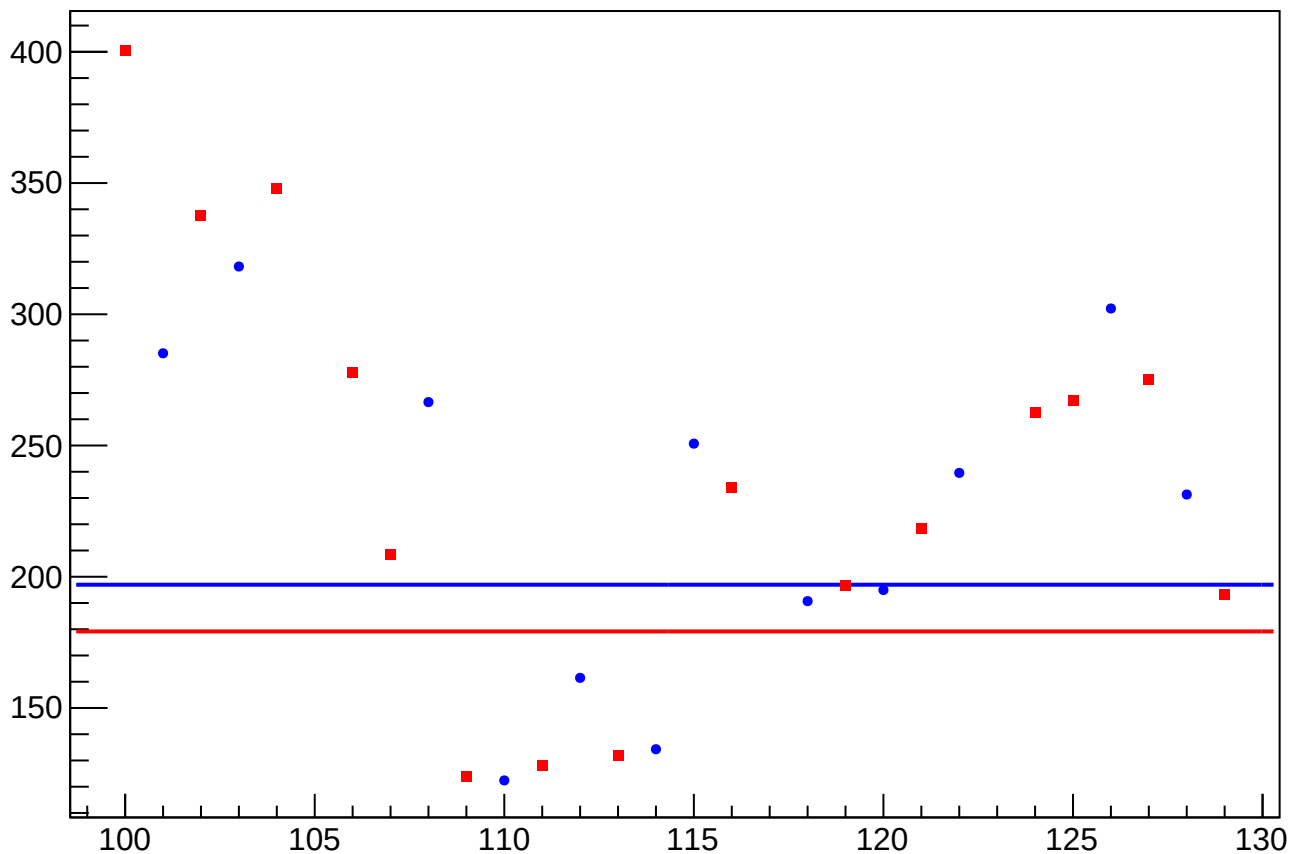
Right: -734.110+/-60.912 χ^2/NDF : 818.2/26

In: -244.595+/-93.890 χ^2/NDF :261.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -734.110+/-60.912 χ^2/NDF : 818.2/26

asym_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 196.964 $\pm$ 0.066 χ^2 /NDF: 864220.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 179.167 $\pm$ 0.057 χ^2 /NDF: 1371081.9/14

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

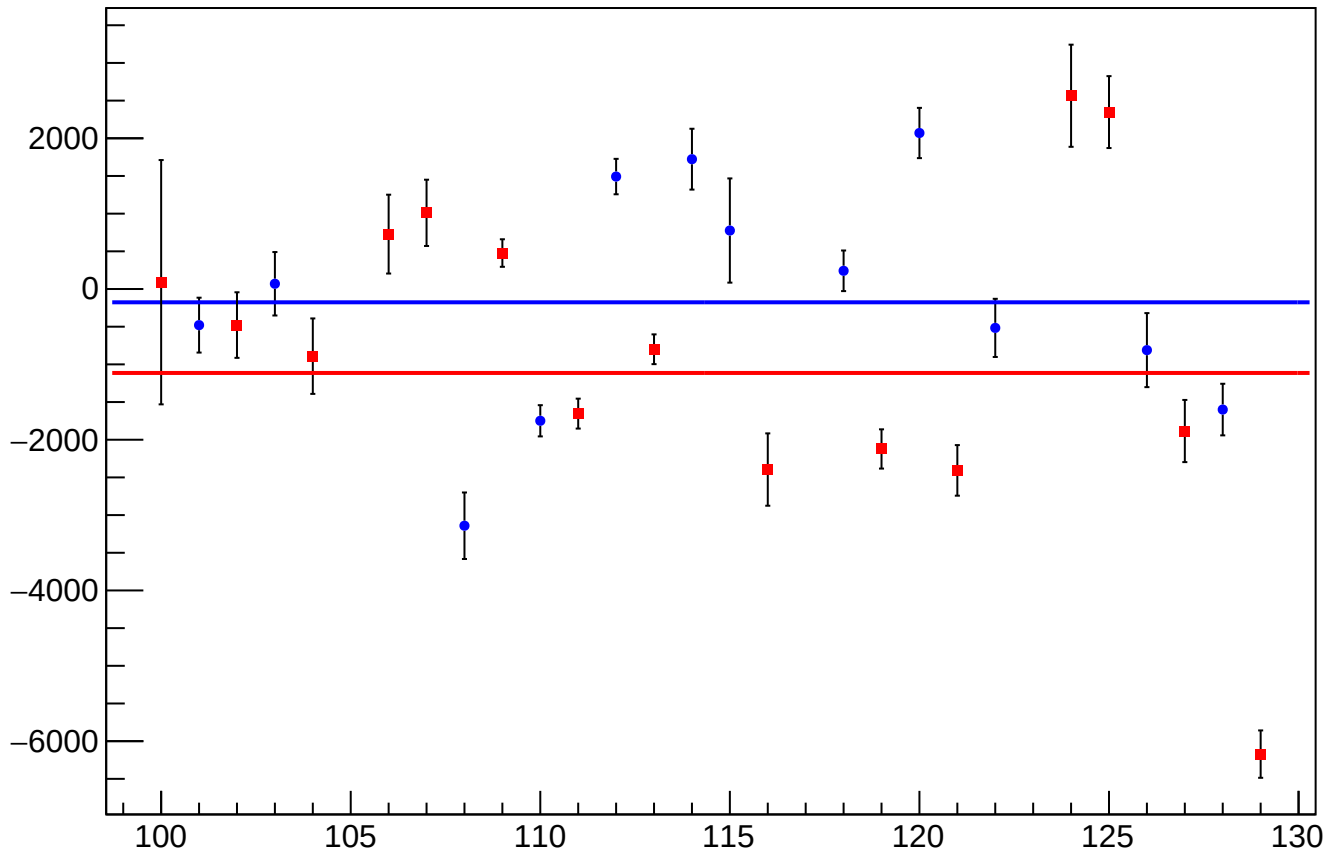
Right: 186.657 $\pm$ 0.043 χ^2 /NDF: 2276917.4/26

In: 196.964 $\pm$ 0.066 χ^2 /NDF:864220.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 186.657 $\pm$ 0.043 χ^2 /NDF: 2276917.4/26

asym_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: -176.461+/-95.295 χ^2/NDF : 245.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

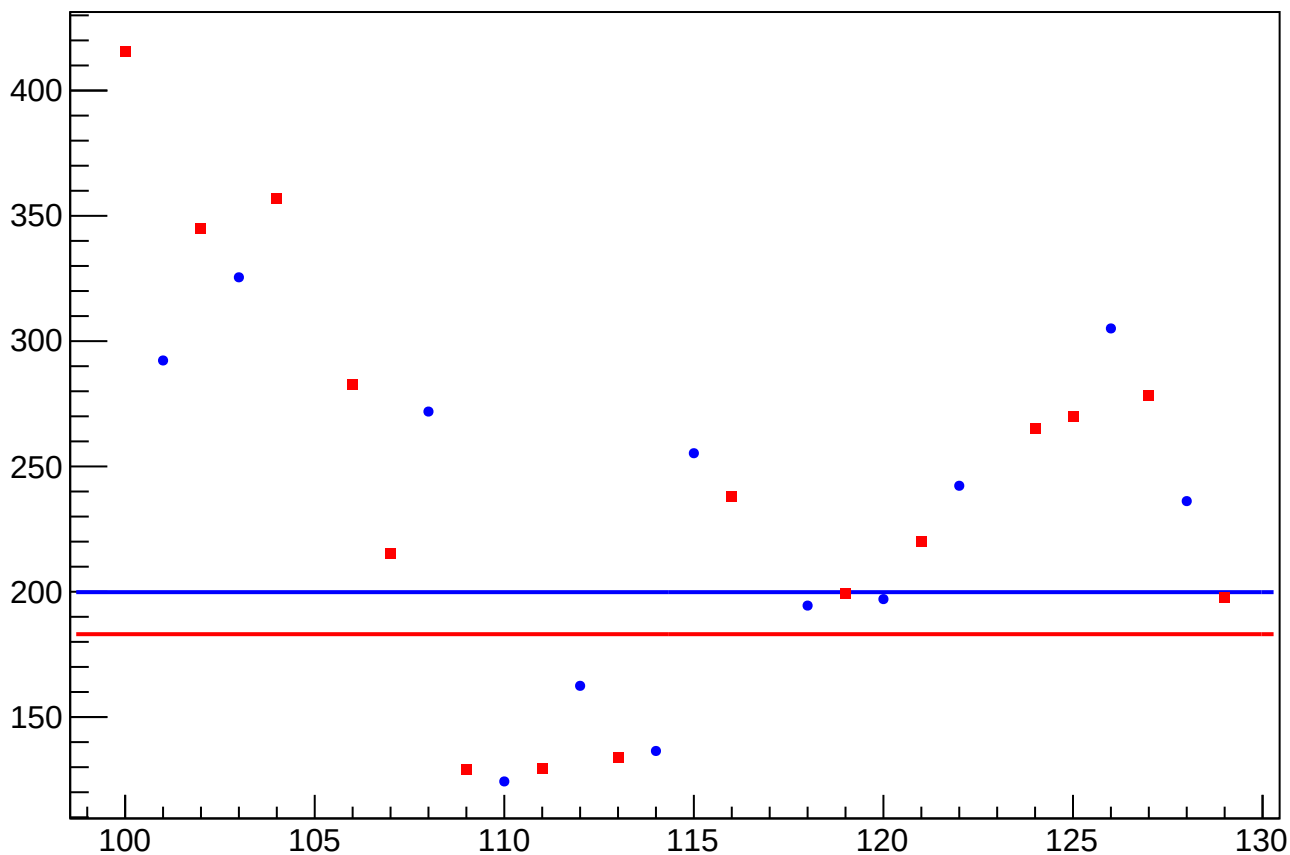
Right: -716.974+/-62.011 χ^2/NDF : 807.4/26

In: -176.461+/-95.295 χ^2/NDF : 245.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -716.974+/-62.011 χ^2/NDF : 807.4/26

asym_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 199.837+/-0.067 χ^2/NDF : 878452.6/11

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

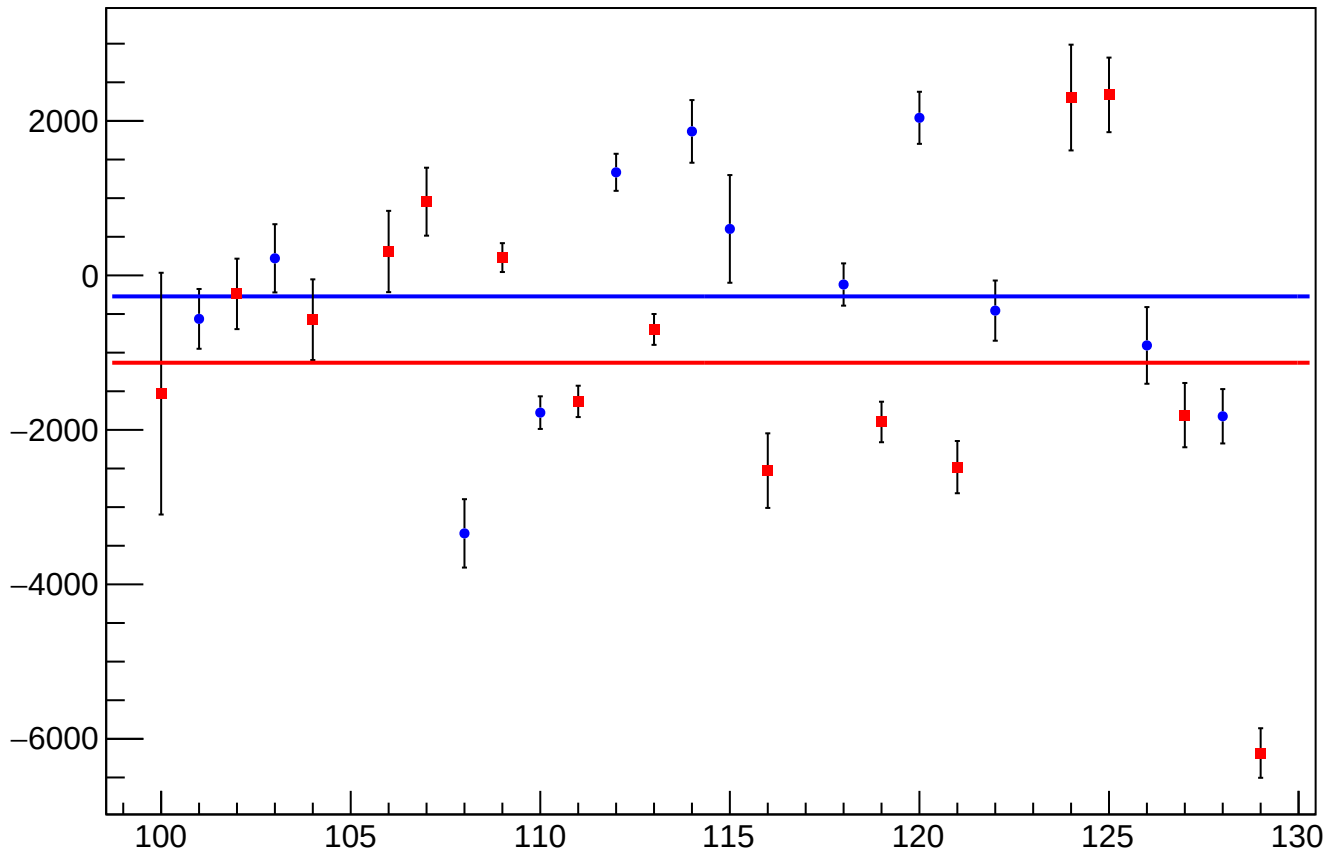
Right: 190.170+/-0.044 χ^2/NDF : 2263534.0/26

In: 199.837+/-0.067 χ^2/NDF :878452.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 190.170+/-0.044 χ^2/NDF : 2263534.0/26

asym_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: -271.848+/-97.259 χ^2/NDF : 243.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

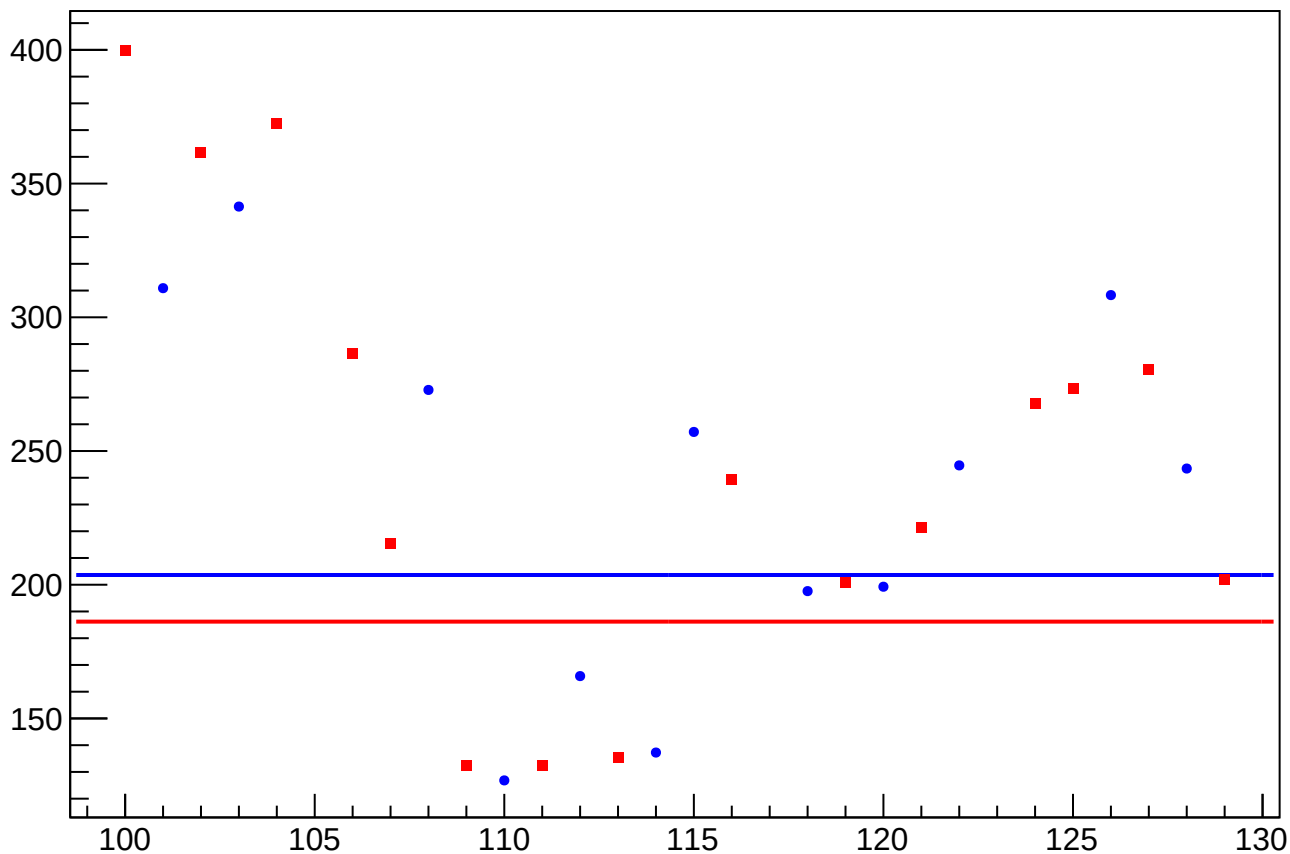
Right: -768.641+/-63.146 χ^2/NDF : 747.5/26

In: -271.848+/-97.259 χ^2/NDF : 243.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -768.641+/-63.146 χ^2/NDF : 747.5/26

asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 203.641+/-0.069 χ^2/NDF : 914570.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

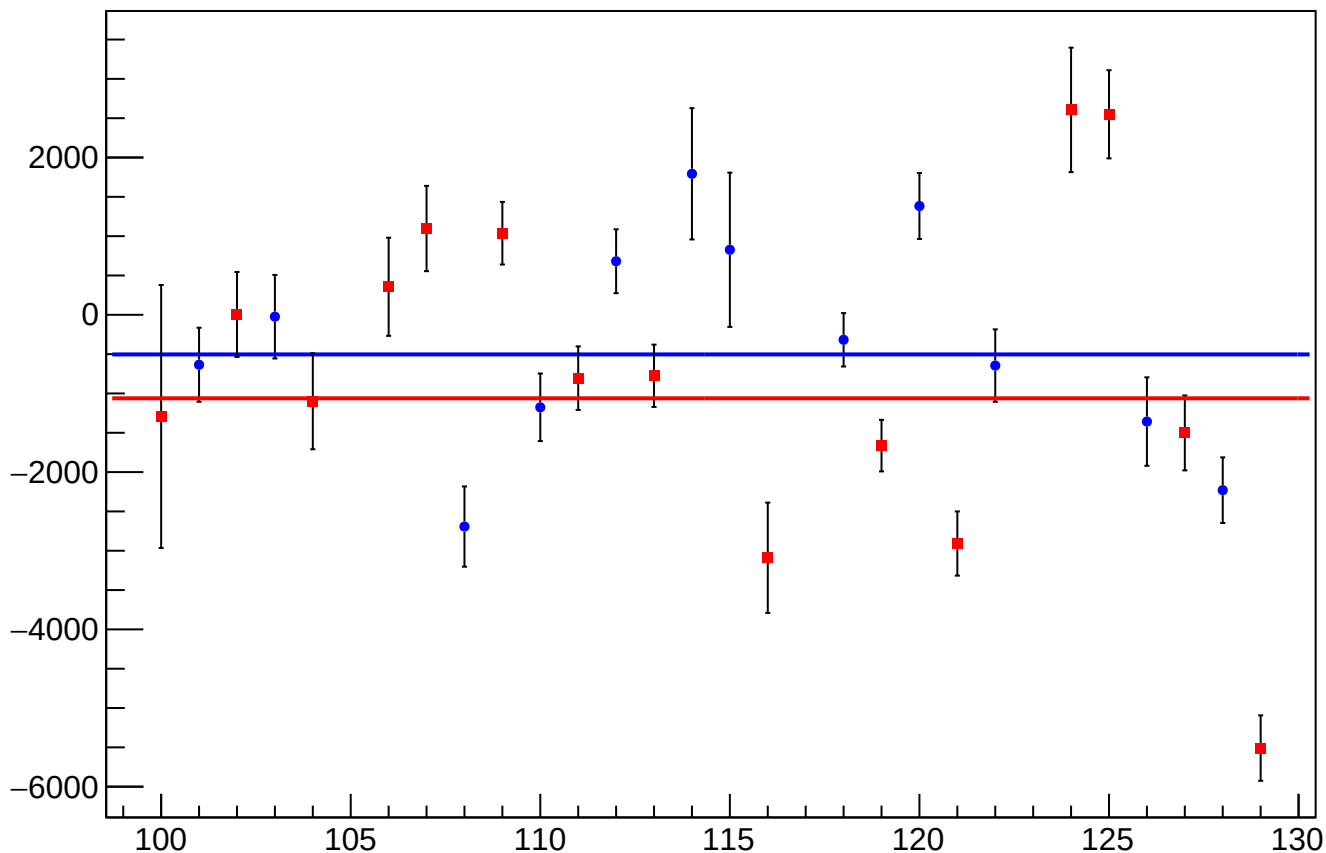
Right: 193.553+/-0.045 χ^2/NDF : 2310197.4/26

In: 203.641+/-0.069 χ^2/NDF : 914570.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 193.553+/-0.045 χ^2/NDF : 2310197.4/26

asym_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: -503.614+/-136.280 χ^2/NDF : 79.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

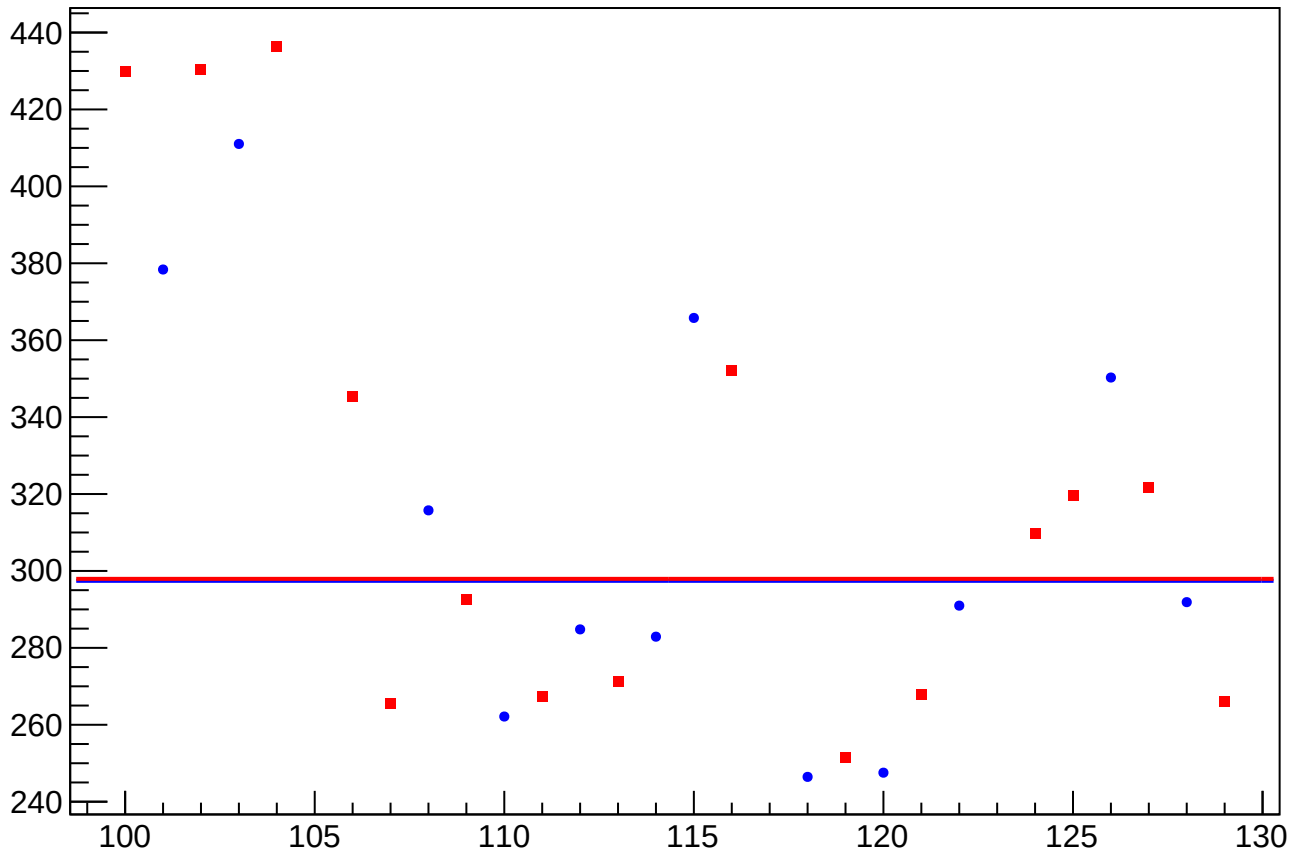
Right: -805.620+/-92.303 χ^2/NDF : 352.8/26

In: -503.614+/-136.280 χ^2/NDF : 79.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -805.620+/-92.303 χ^2/NDF : 352.8/26

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 297.430+/-0.096 χ^2/NDF : 270930.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

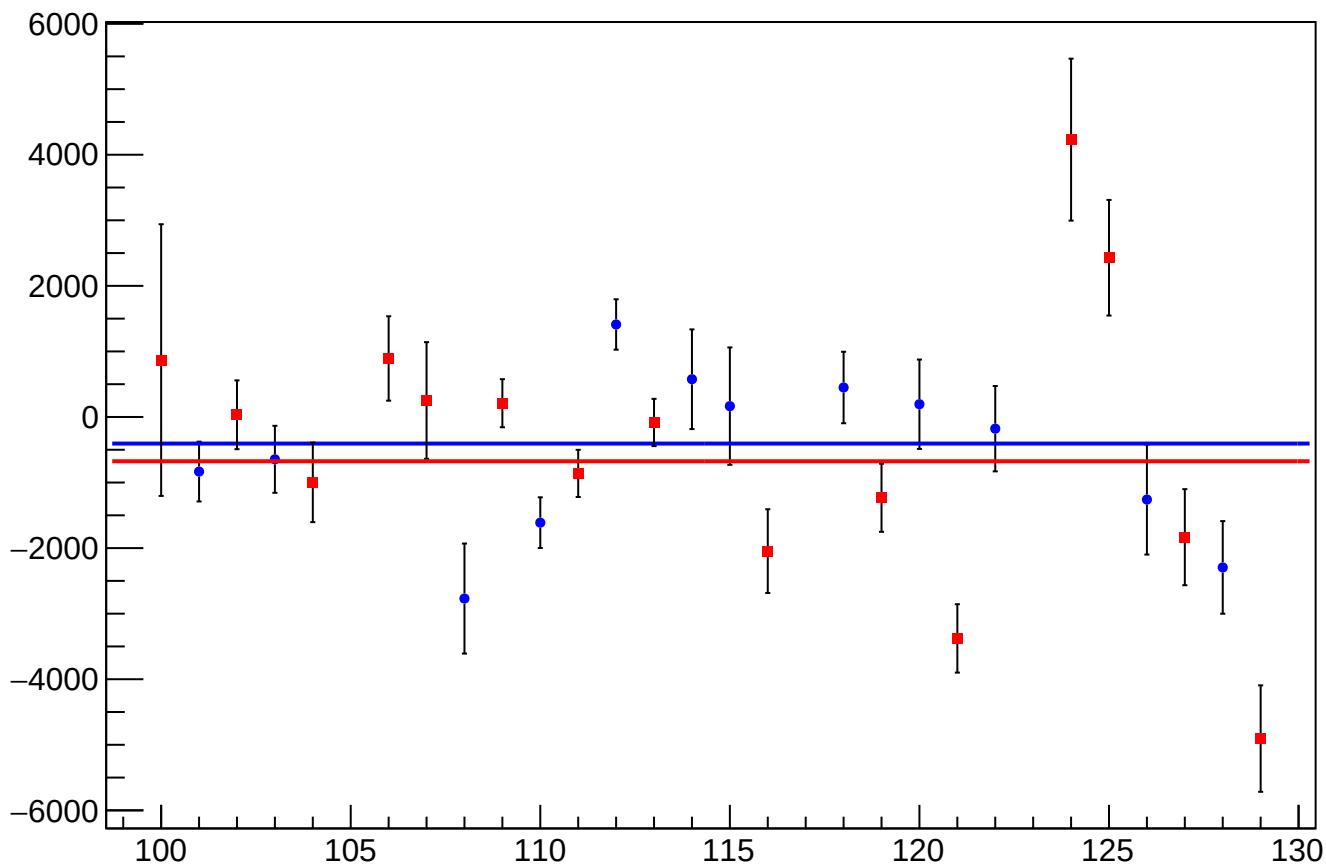
Right: 297.708+/-0.065 χ^2/NDF : 629012.3/26

In: 297.430+/-0.096 χ^2/NDF : 270930.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 297.708+/-0.065 χ^2/NDF : 629012.3/26

asym_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: -405.404+/-162.663 χ^2/NDF : 54.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

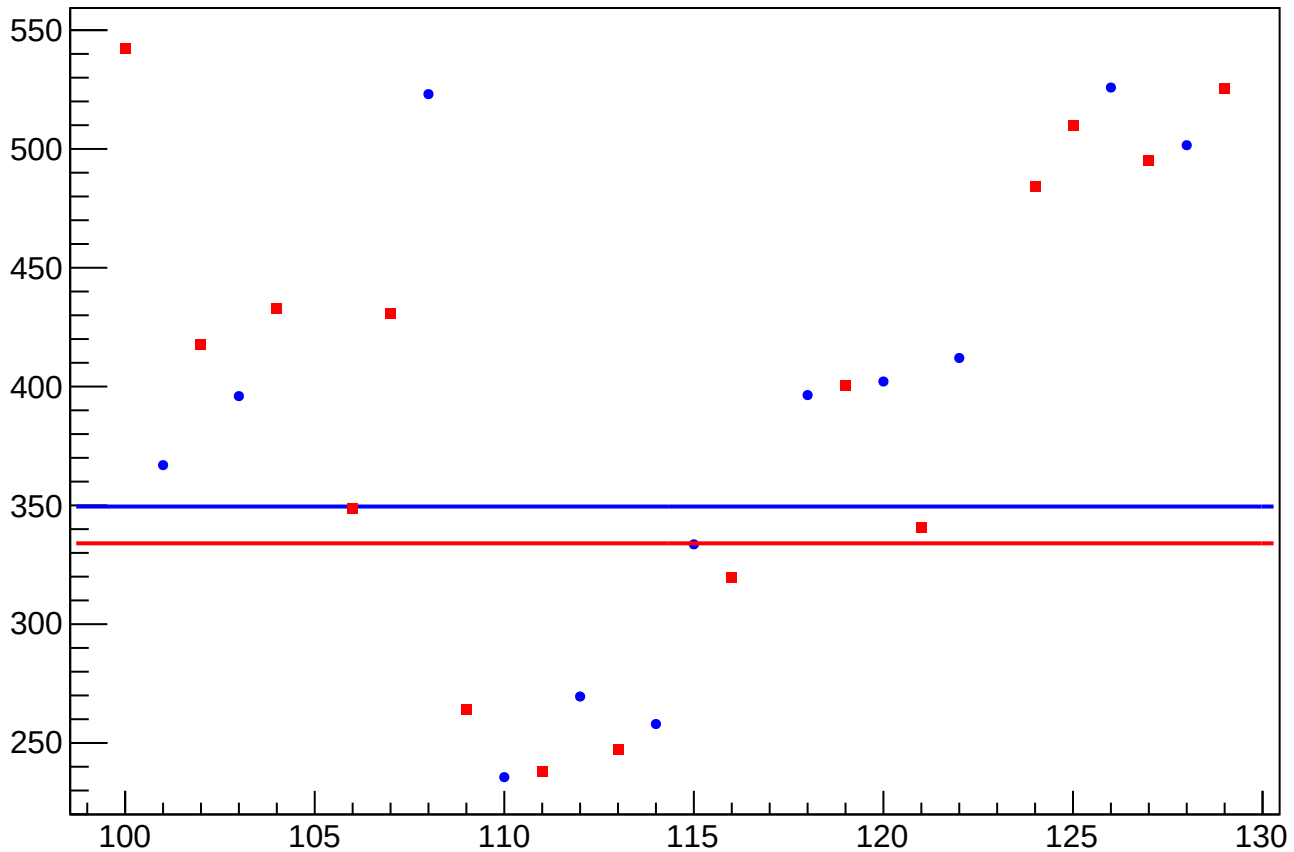
Right: -556.735+/-107.795 χ^2/NDF : 165.1/26

In: -405.404+/-162.663 χ^2/NDF : 54.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -556.735+/-107.795 χ^2/NDF : 165.1/26

asym_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 349.509+/-0.115 χ^2/NDF : 621019.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

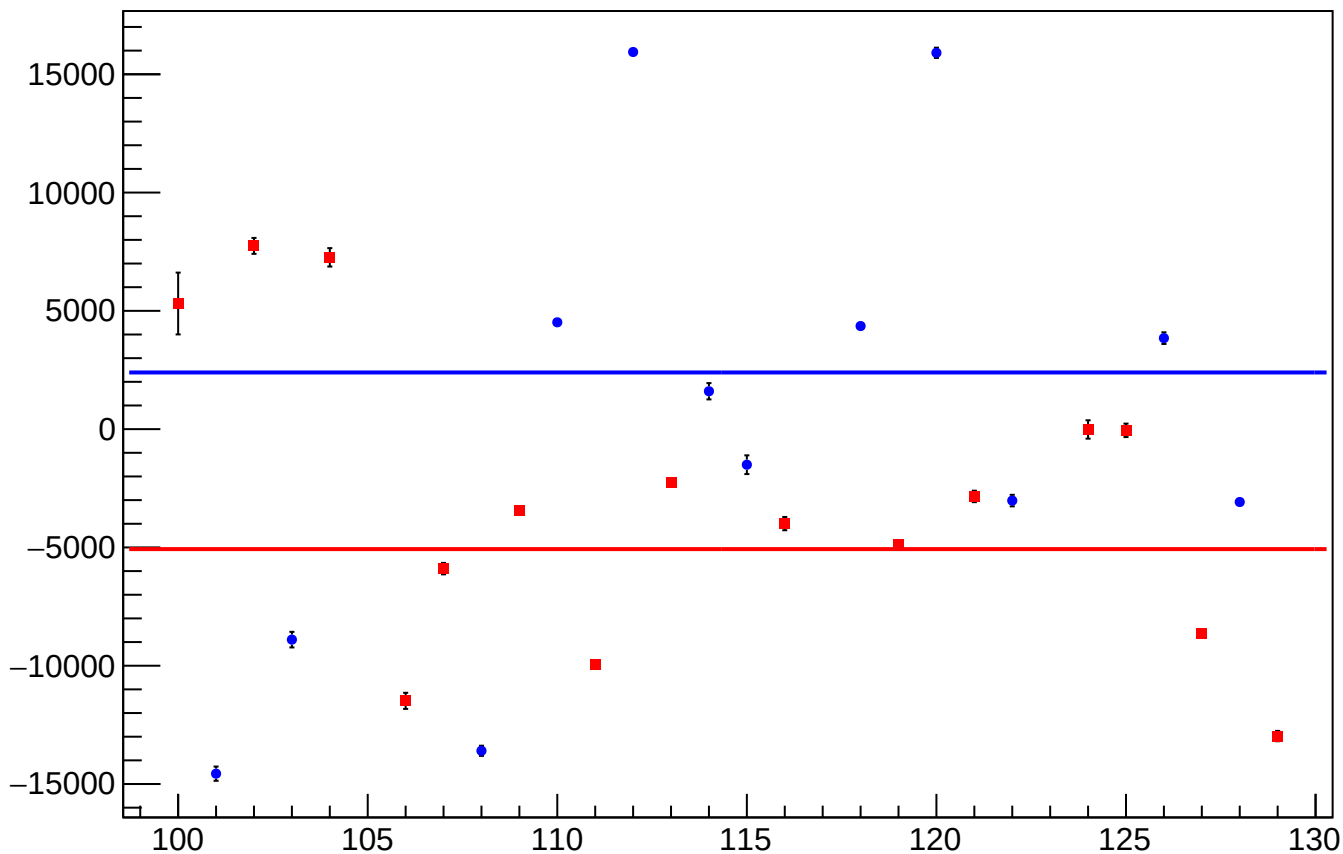
Right: 340.827+/-0.076 χ^2/NDF : 1461800.0/26

In: 349.509+/-0.115 χ^2/NDF : 621019.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 340.827+/-0.076 χ^2/NDF : 1461800.0/26

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 2395.637+/-64.684 χ^2/NDF : 21530.5/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

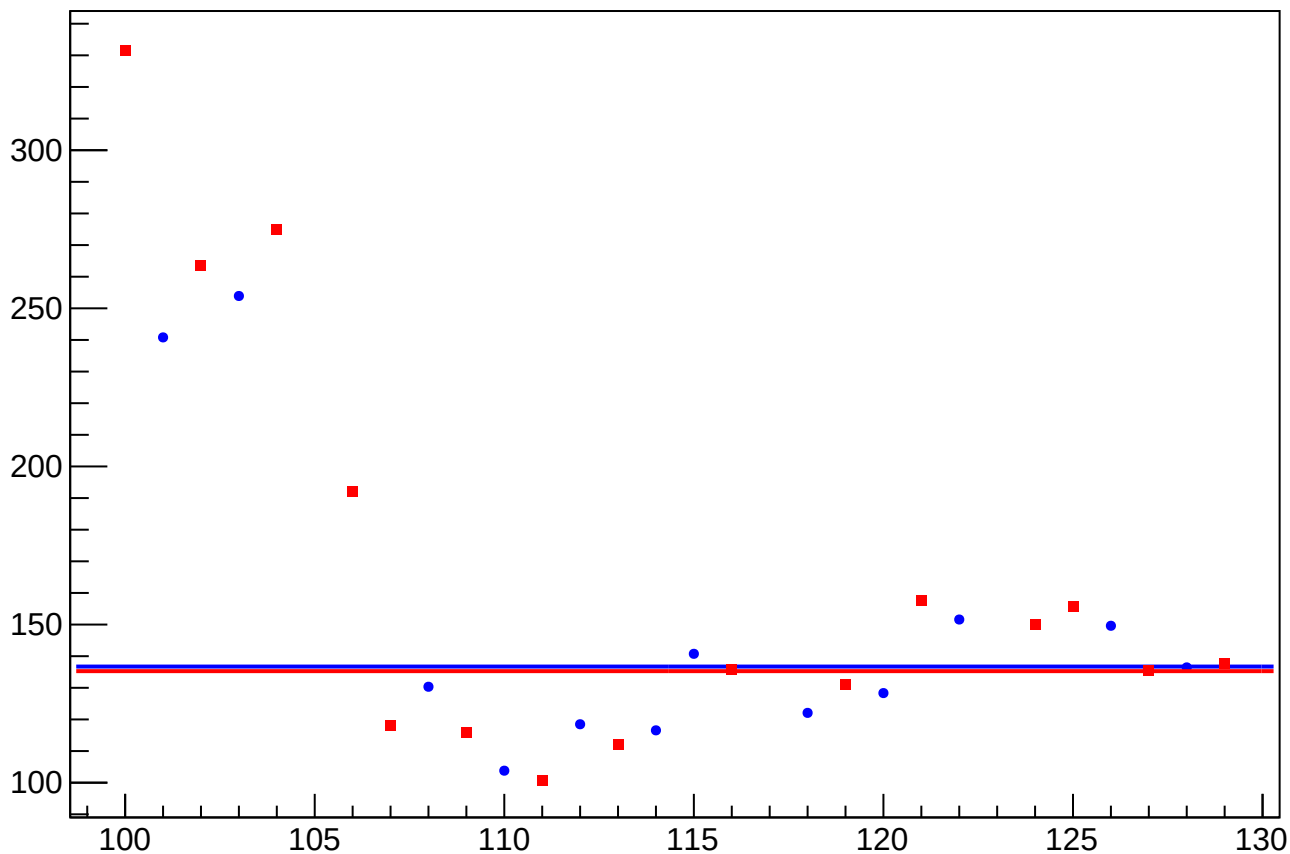
Right: -1672.342+/-43.640 χ^2/NDF : 35257.2/26

In: 2395.637+/-64.684 χ^2/NDF :21530.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1672.342+/-43.640 χ^2/NDF : 35257.2/26

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 136.718+/-0.046 χ^2/NDF : 626278.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 135.272+/-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

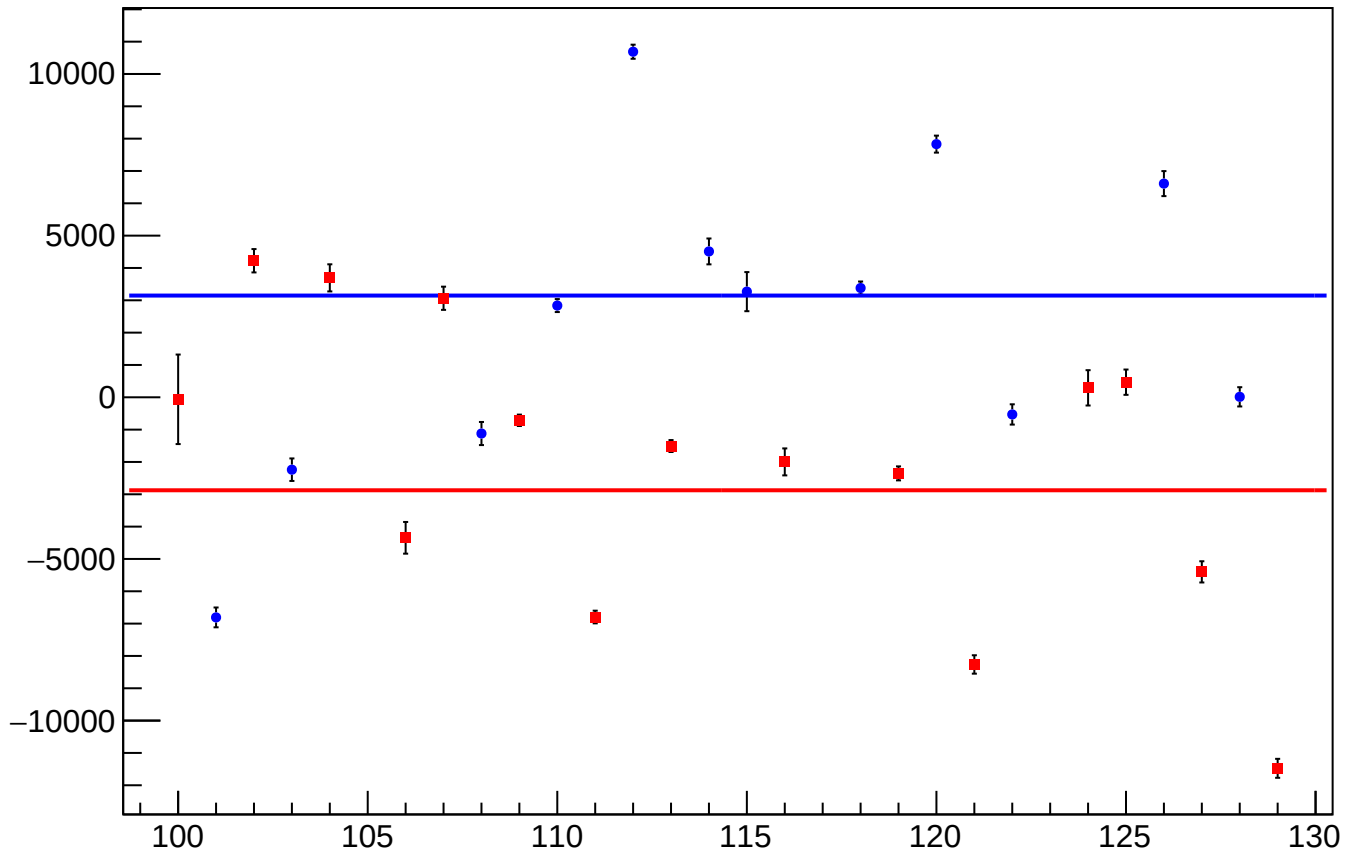
Right: 135.930+/-0.031 χ^2/NDF : 1484374.2/26

In: 136.718+/-0.046 χ^2/NDF :626278.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 135.930+/-0.031 χ^2/NDF : 1484374.2/26

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 3146.568+/-81.936 χ^2/NDF : 3293.0/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

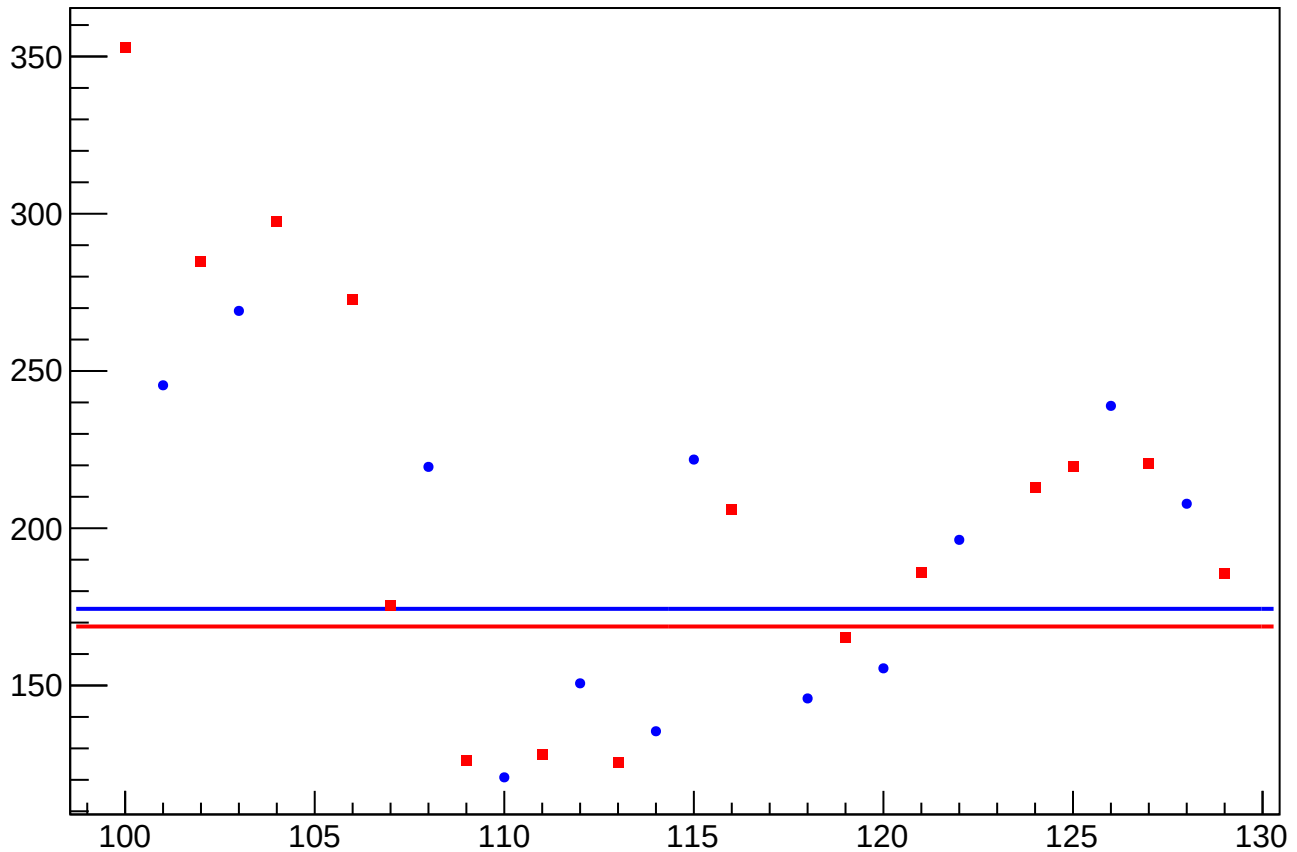
Right: -178.887+/-54.832 χ^2/NDF : 9195.1/26

In: 3146.568+/-81.936 χ^2/NDF :3293.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -178.887+/-54.832 χ^2/NDF : 9195.1/26

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 174.370+/-0.058 χ^2/NDF : 626089.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

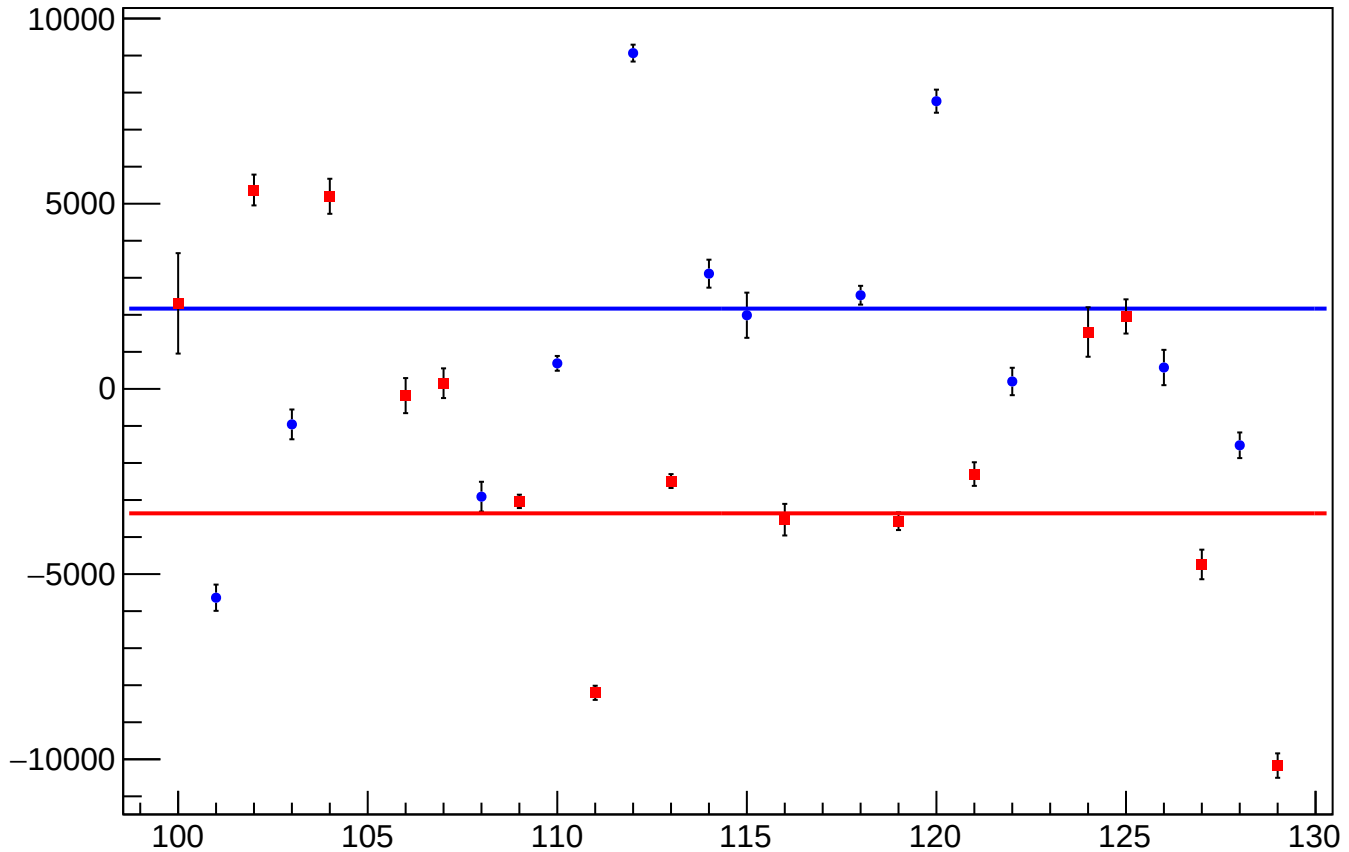
Right: 171.271+/-0.039 χ^2/NDF : 1594371.6/26

In: 174.370+/-0.058 χ^2/NDF : 626089.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.271+/-0.039 χ^2/NDF : 1594371.6/26

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 2167.822+/-91.205 χ^2 /NDF: 2159.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -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

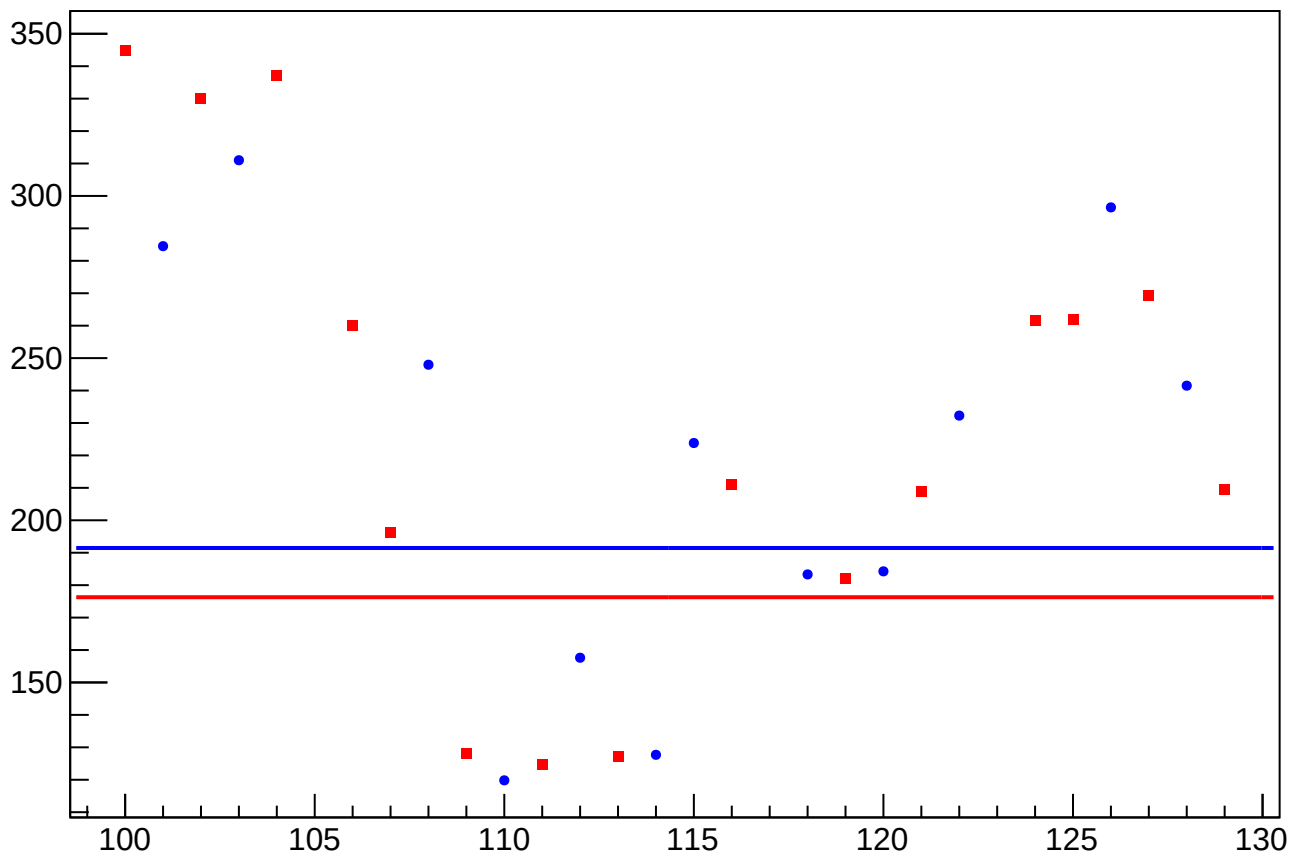
Right: -1016.673+/-59.381 χ^2 /NDF: 6487.8/26

In: 2167.822+/-91.205 χ^2 /NDF:2159.4/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1016.673+/-59.381 χ^2 /NDF: 6487.8/26

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 191.461+/-0.064 χ^2/NDF : 884388.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

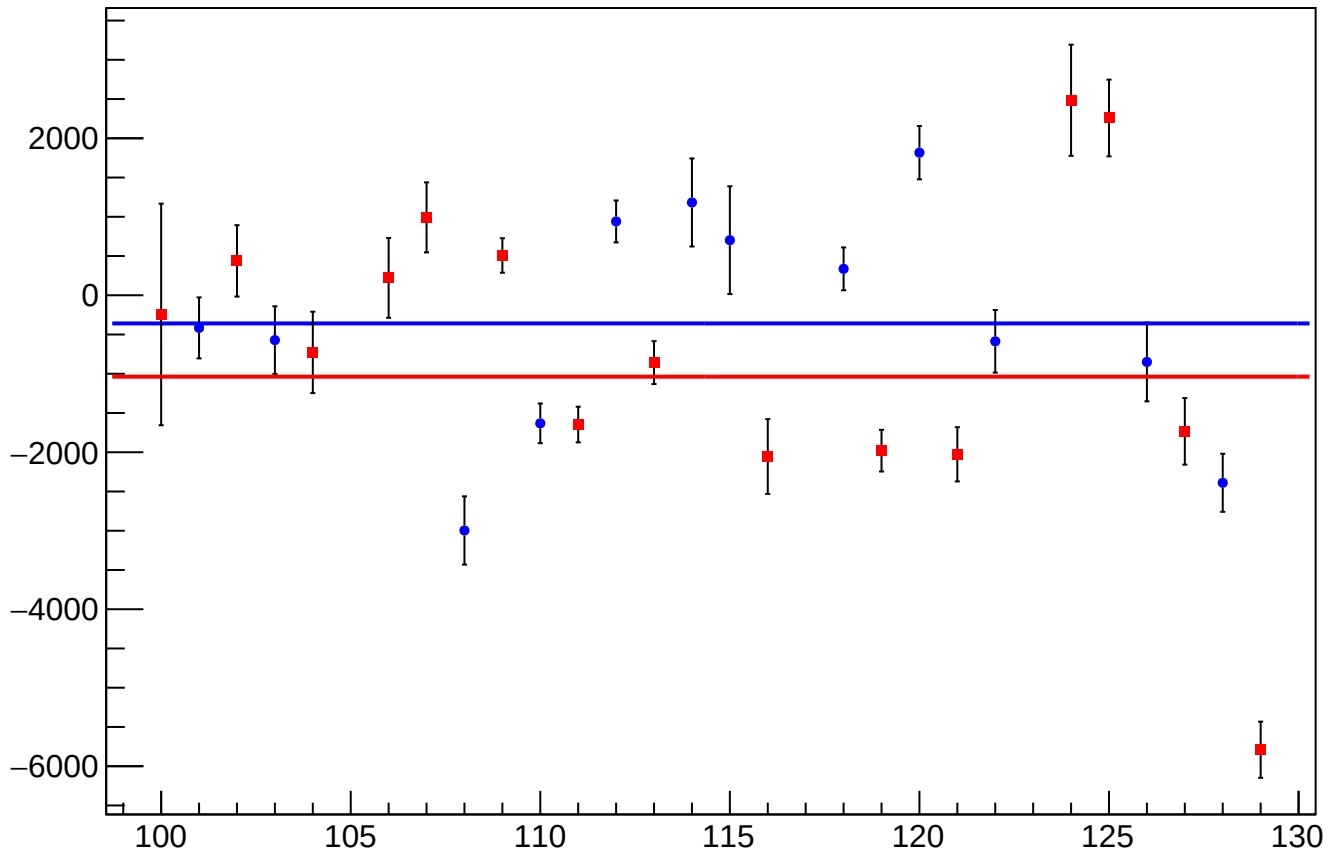
Right: 182.714+/-0.042 χ^2/NDF : 2210973.8/26

In: 191.461+/-0.064 χ^2/NDF : 884388.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.714+/-0.042 χ^2/NDF : 2210973.8/26

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -358.928+/-104.272 χ^2/NDF : 175.0/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

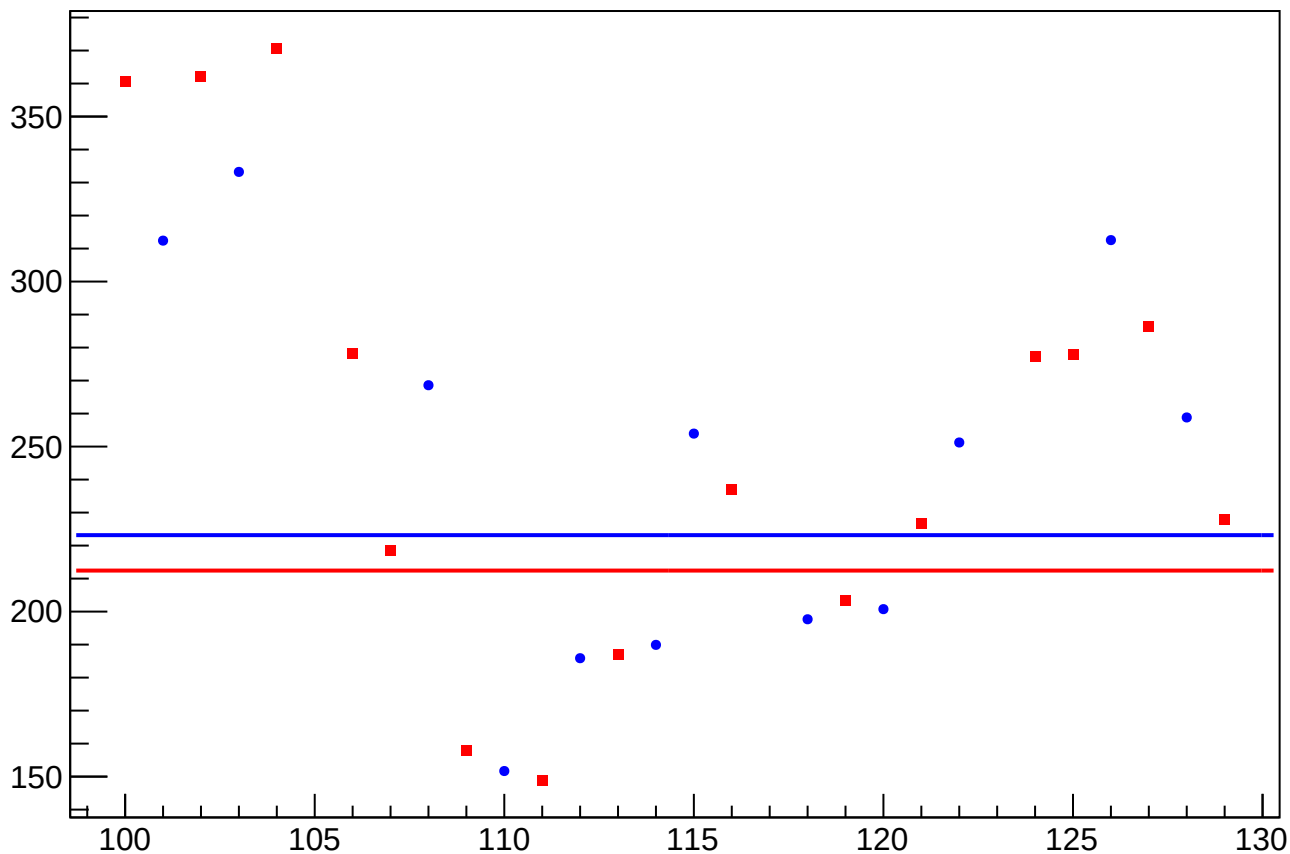
Right: -740.020+/-69.015 χ^2/NDF : 568.6/26

In: -358.928+/-104.272 χ^2/NDF :175.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -740.020+/-69.015 χ^2/NDF : 568.6/26

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 223.164+/-0.074 χ^2/NDF : 586083.5/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

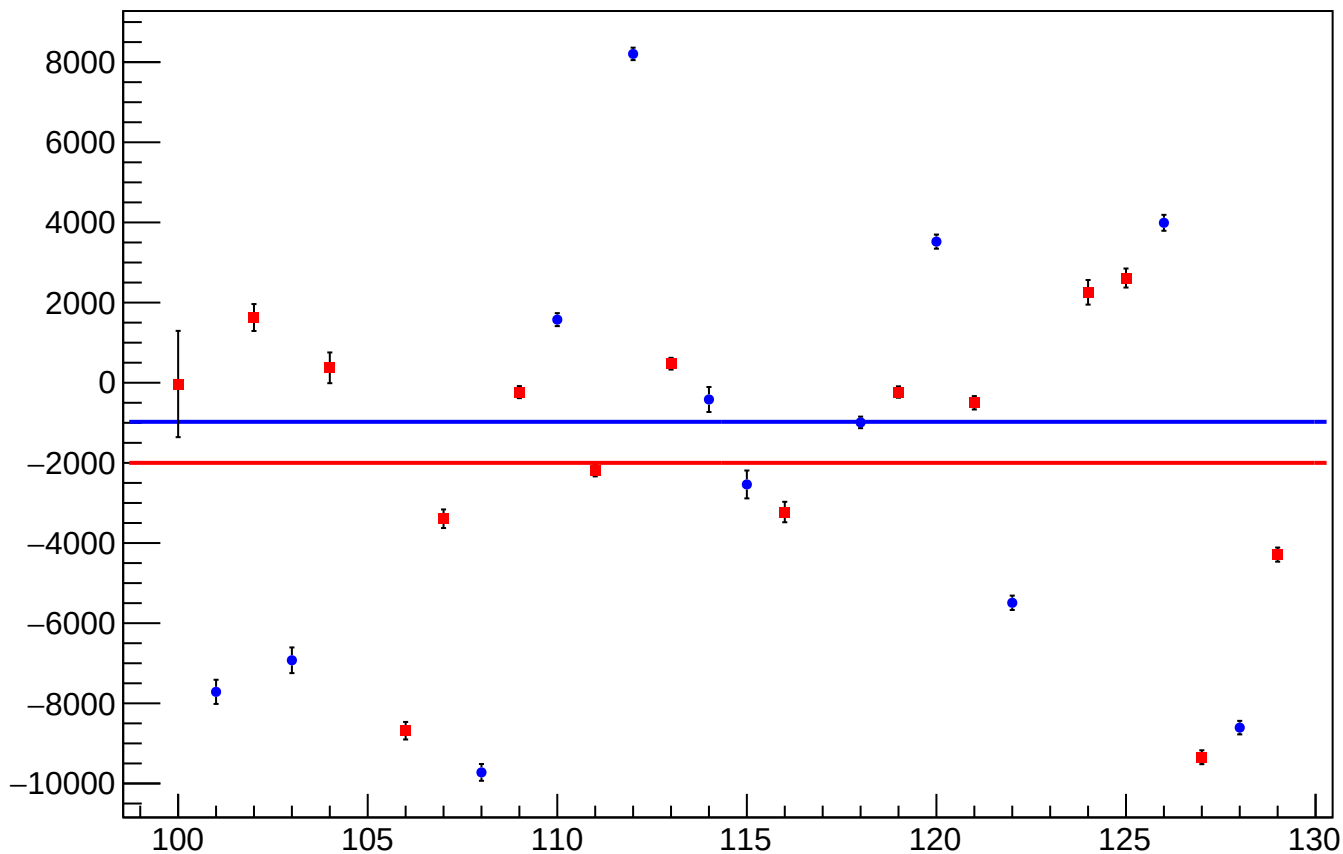
Right: 217.132+/-0.049 χ^2/NDF : 1480595.1/26

In: 223.164+/-0.074 χ^2/NDF :586083.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 217.132+/-0.049 χ^2/NDF : 1480595.1/26

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -975.144+/-56.527 χ^2/NDF : 10285.8/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

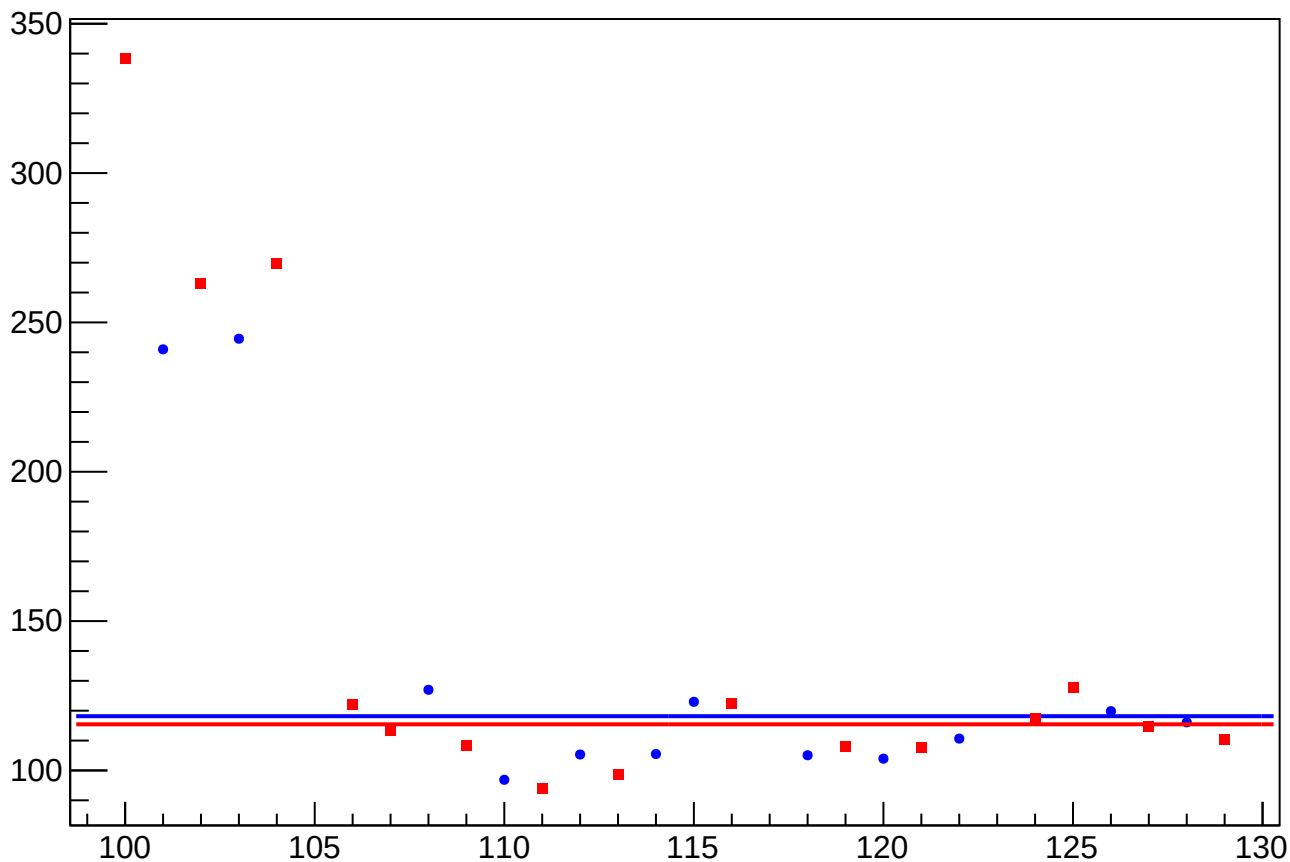
Right: -1542.079+/-37.767 χ^2/NDF : 14810.1/26

In: -975.144+/-56.527 χ^2/NDF :10285.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1542.079+/-37.767 χ^2/NDF : 14810.1/26

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 118.164+/-0.040 χ^2/NDF : 730920.6/11

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

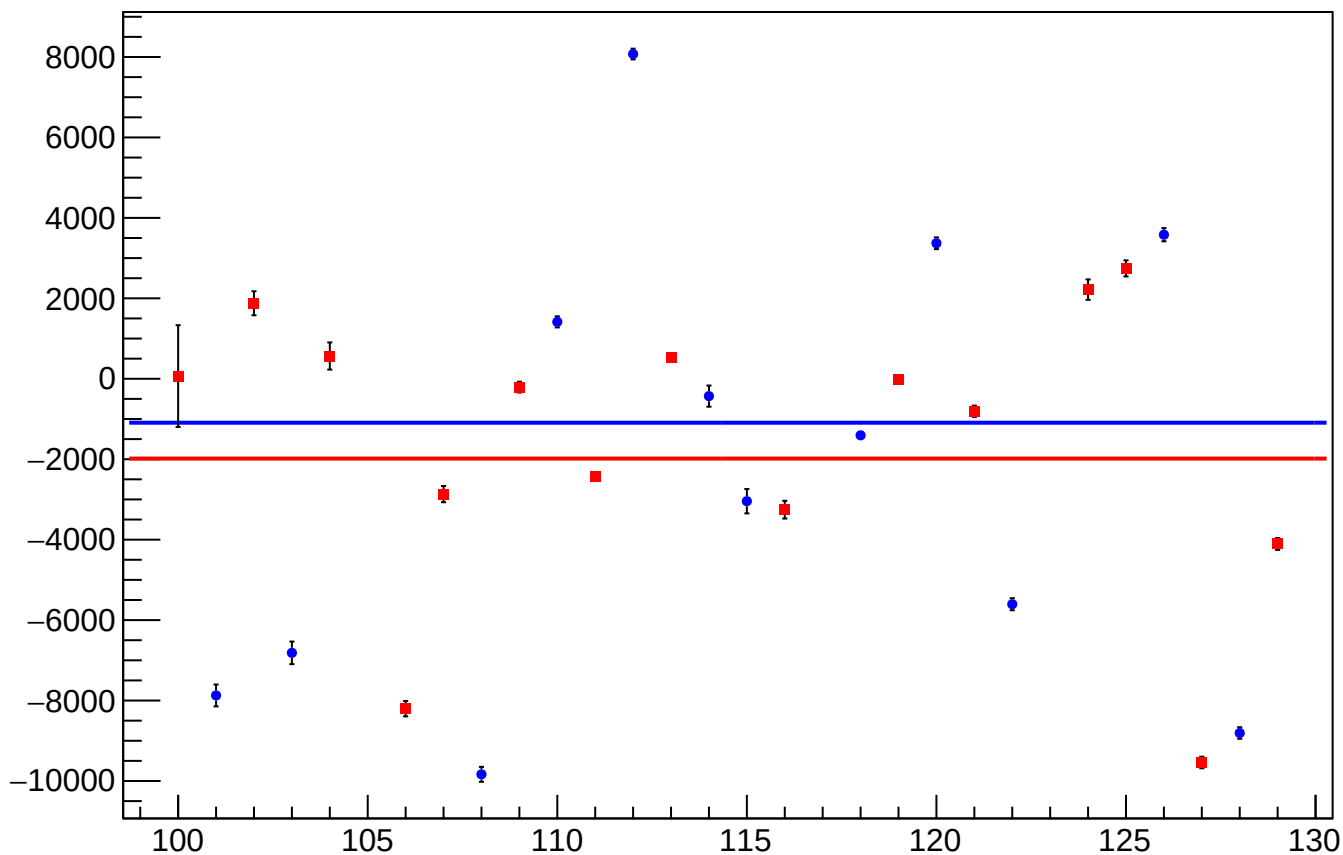
Right: 116.659+/-0.027 χ^2/NDF : 1595681.4/26

In: 118.164+/-0.040 χ^2/NDF : 730920.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.659+/-0.027 χ^2/NDF : 1595681.4/26

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: -1092.105+/-47.960 χ^2/NDF : 13890.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

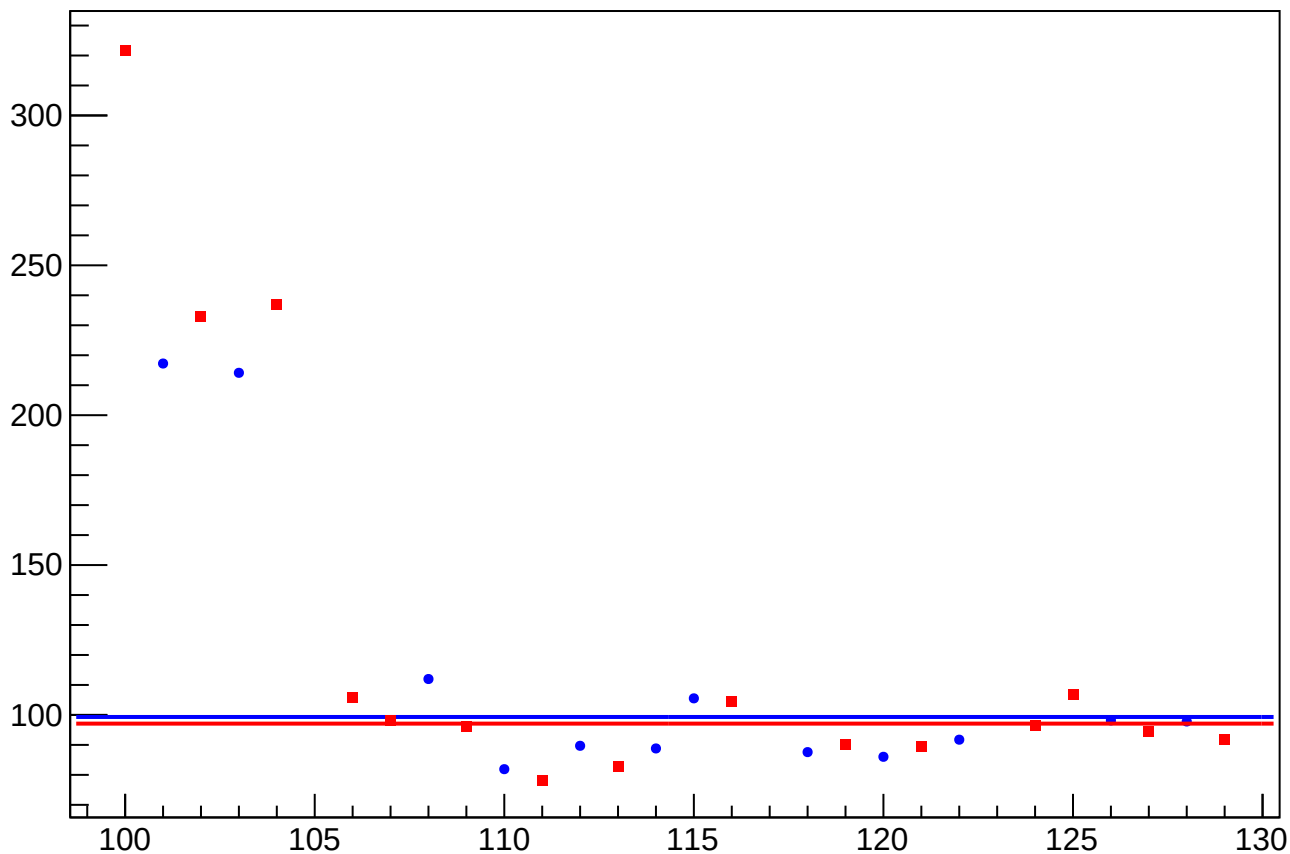
Right: -1585.624+/-32.050 χ^2/NDF : 20178.9/26

In: -1092.105+/-47.960 χ^2/NDF : 13890.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1585.624+/-32.050 χ^2/NDF : 20178.9/26

asym_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 99.316+/-0.034 χ^2/NDF : 806237.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.097+/-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

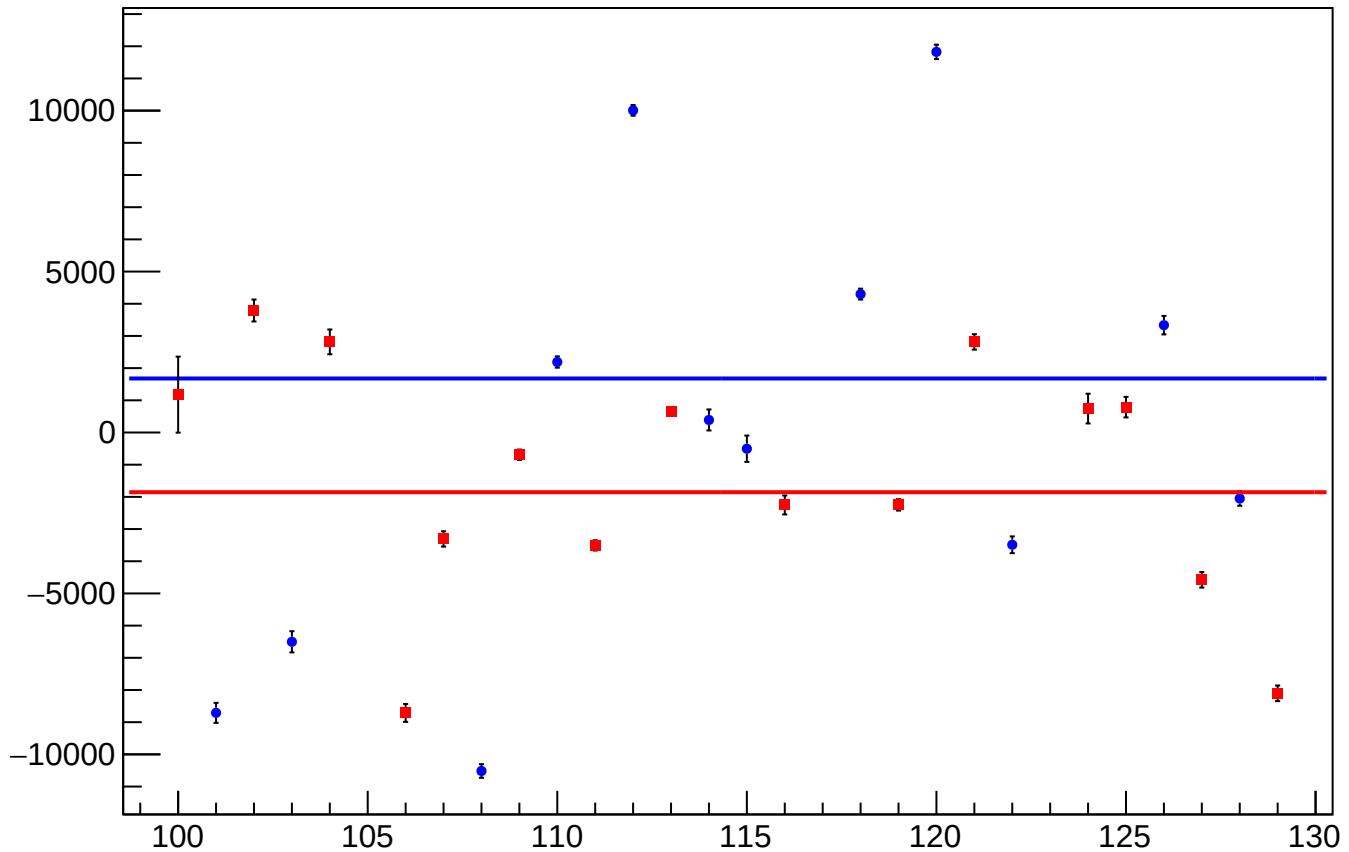
Right: 98.088+/-0.023 χ^2/NDF : 1732021.8/26

In: 99.316+/-0.034 χ^2/NDF : 806237.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.088+/-0.023 χ^2/NDF : 1732021.8/26

asym_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 1678.176+/-66.376 χ^2/NDF : 10577.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

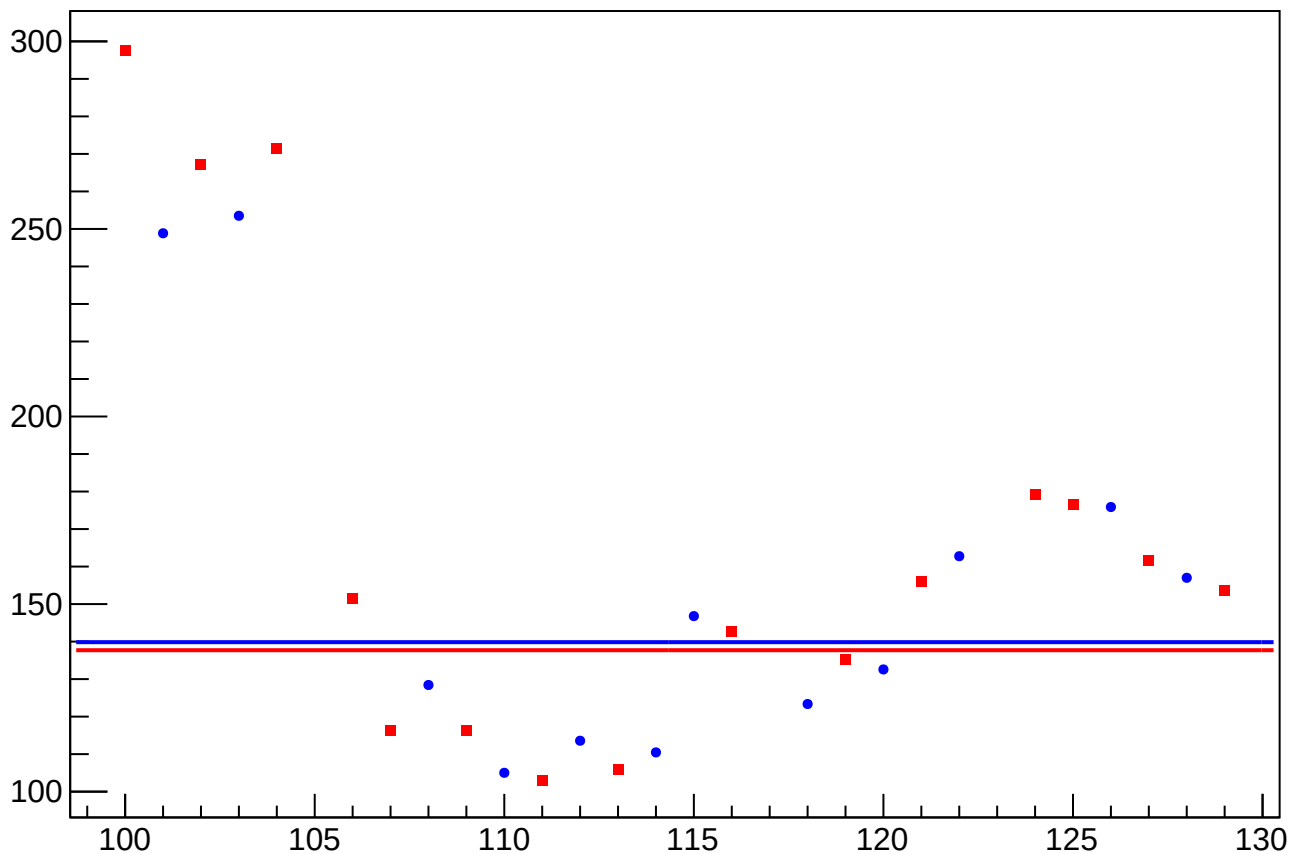
Right: -257.190+/-44.636 χ^2/NDF : 14899.3/26

In: 1678.176+/-66.376 χ^2/NDF : 10577.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -257.190+/-44.636 χ^2/NDF : 14899.3/26

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 139.846+/-0.047 χ^2/NDF : 714084.5/11

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

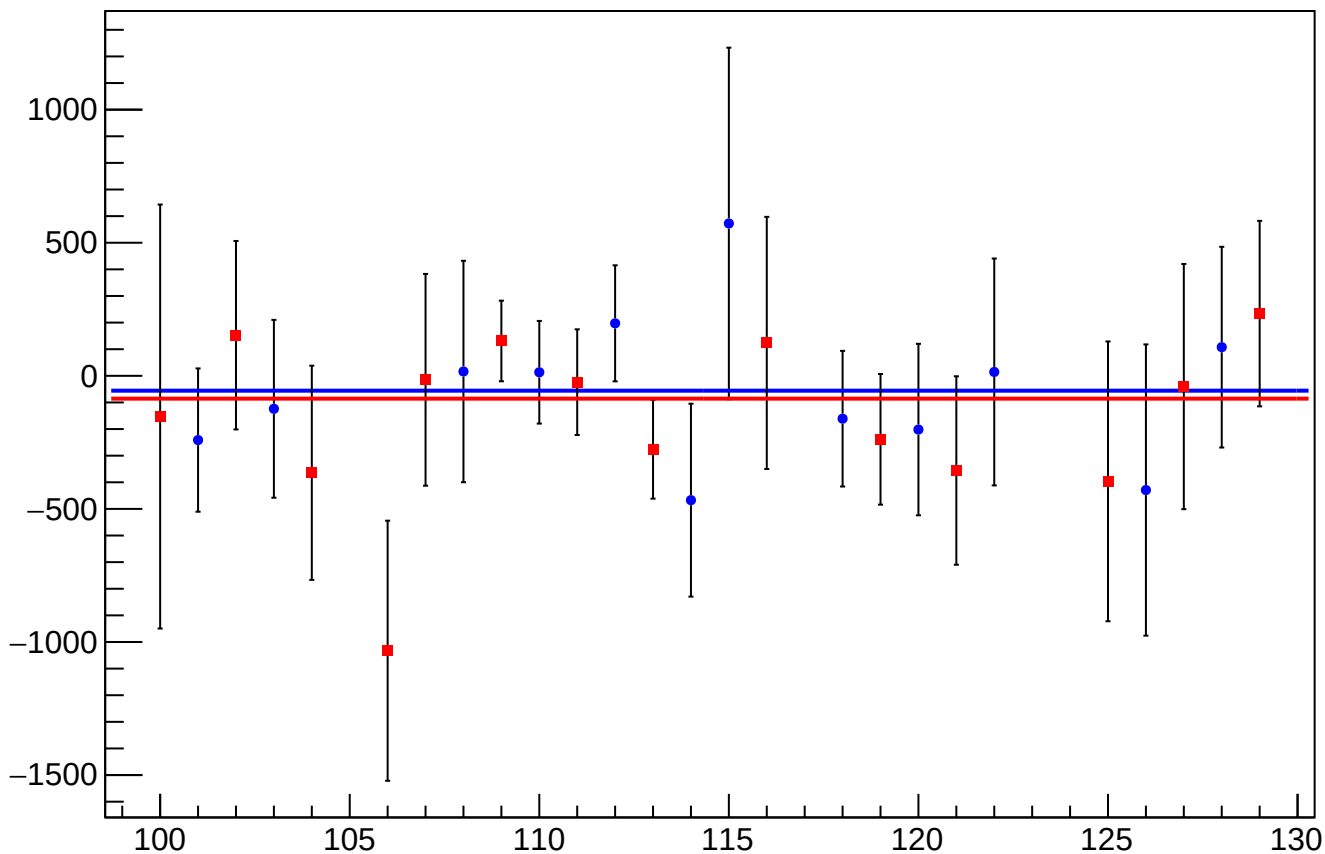
Right: 138.672+/-0.032 χ^2/NDF : 1600272.3/26

In: 139.846+/-0.047 χ^2/NDF : 714084.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.672+/-0.032 χ^2/NDF : 1600272.3/26

asym_bcm_2an_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -55.776 ± 88.630 χ^2/NDF : 5.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -85.693 ± 76.729 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

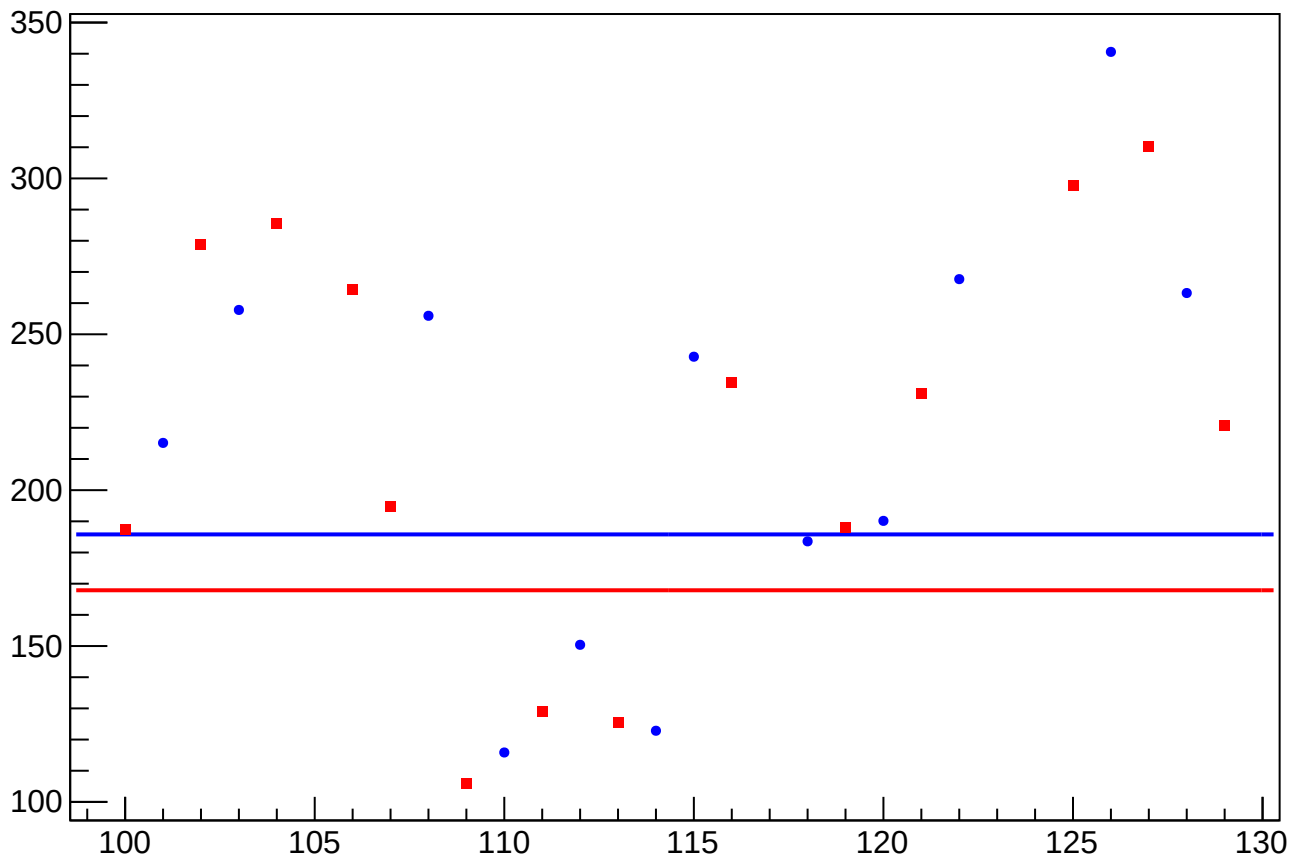
Right: -72.877 ± 58.010 χ^2/NDF : 15.6/25

In: -55.776 ± 88.630 χ^2/NDF : 5.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -72.877 ± 58.010 χ^2/NDF : 15.6/25

asym_bcm_2an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 185.808+/-0.063 χ^2/NDF : 883569.0/11

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

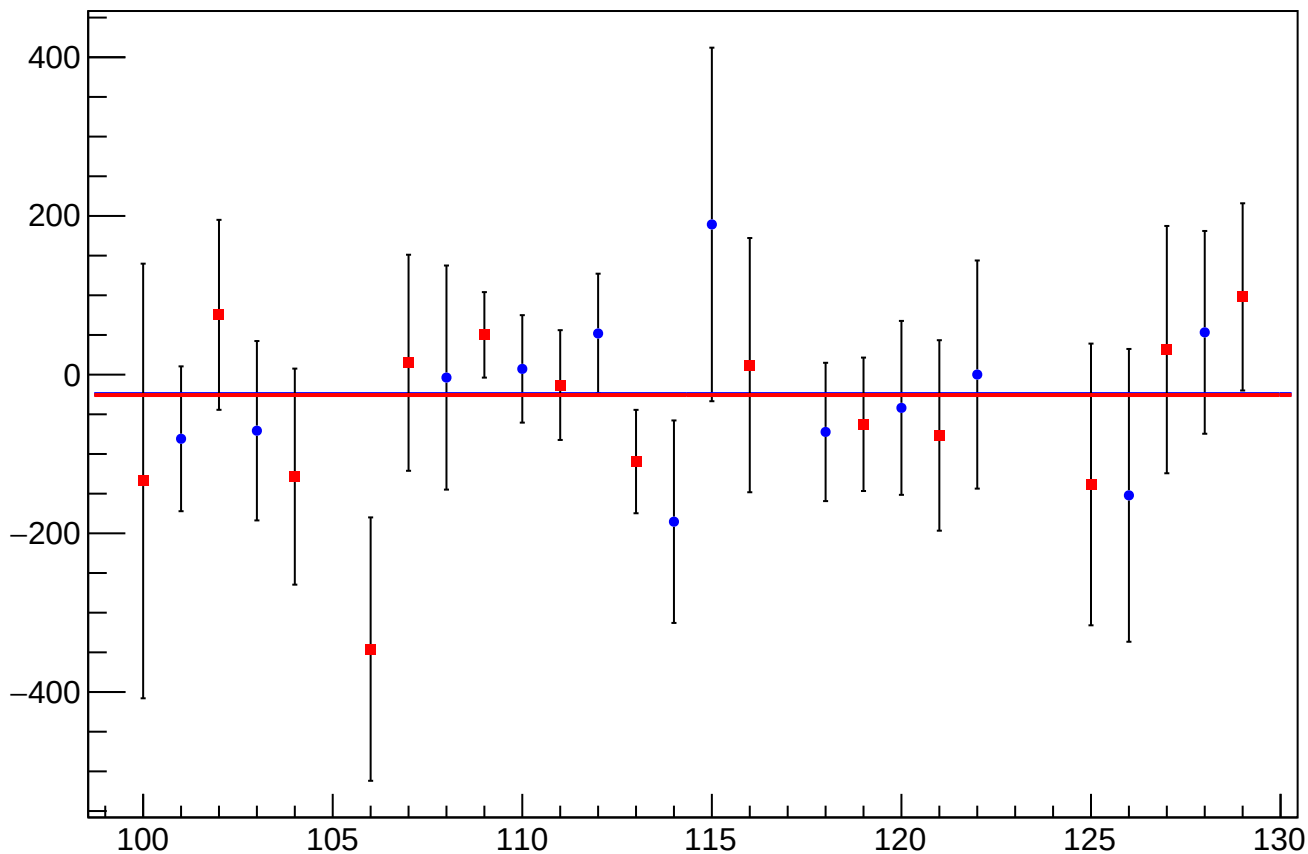
Right: 175.566+/-0.041 χ^2/NDF : 2377984.6/25

In: 185.808+/-0.063 χ^2/NDF : 883569.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.566+/-0.041 χ^2/NDF : 2377984.6/25

asym_bcm_2an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -24.540 ± 30.455 χ^2/NDF : 5.5/11

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

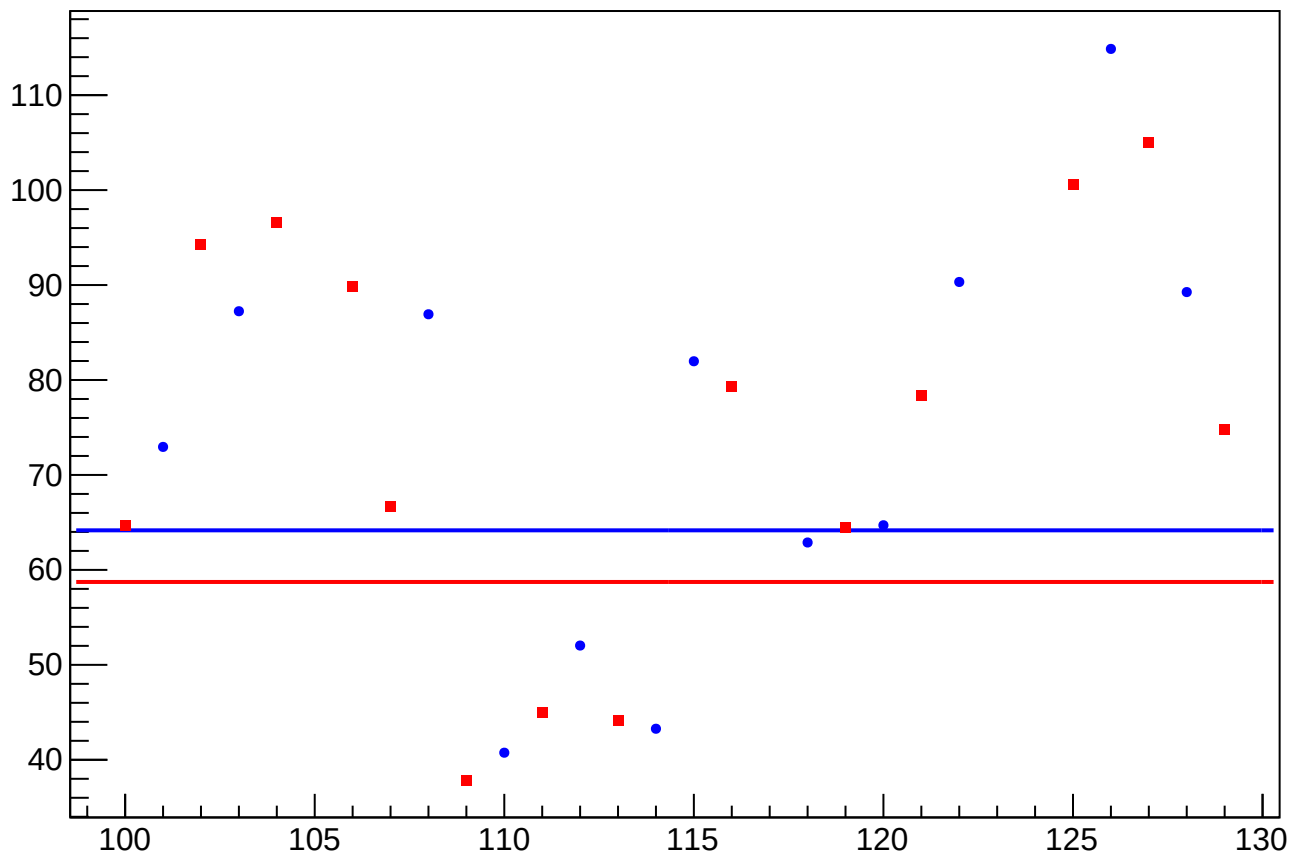
Right: -25.194 ± 20.044 χ^2/NDF : 16.5/25

In: -24.540 ± 30.455 χ^2/NDF : 5.5/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -25.194 ± 20.044 χ^2/NDF : 16.5/25

asym_bcm_2an_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 64.167 ± 0.022 $\chi^2/\text{NDF}: 806078.5/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 58.729 ± 0.019 $\chi^2/\text{NDF}: 1310478.5/13$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

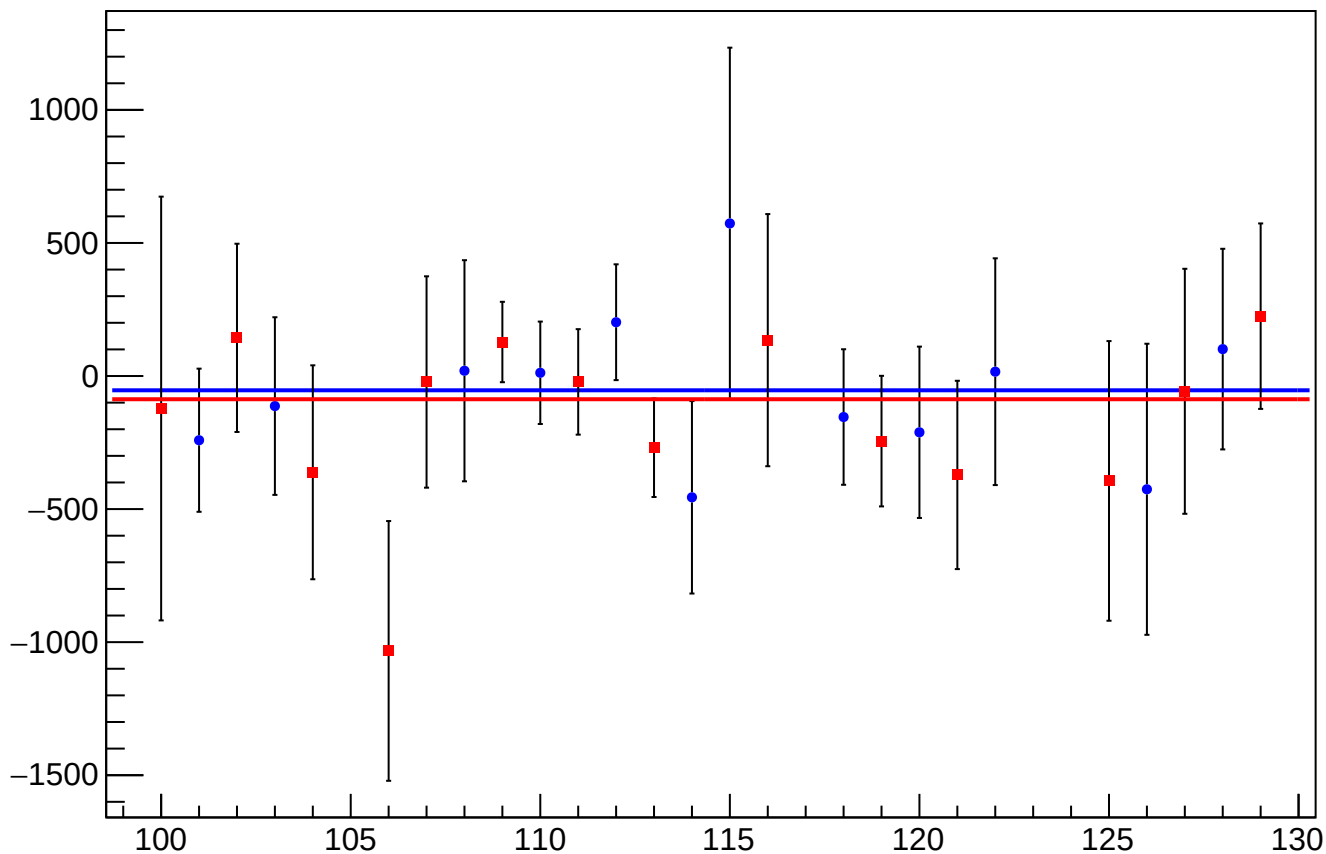
Right: 61.085 ± 0.014 $\chi^2/\text{NDF}: 2152701.5/25$

In: 64.167 ± 0.022 $\chi^2/\text{NDF}: 806078.5/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 61.085 ± 0.014 $\chi^2/\text{NDF}: 2152701.5/25$

asym_bcm_an_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -53.622+/-88.515 χ^2/NDF : 5.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -87.257+/-76.609 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

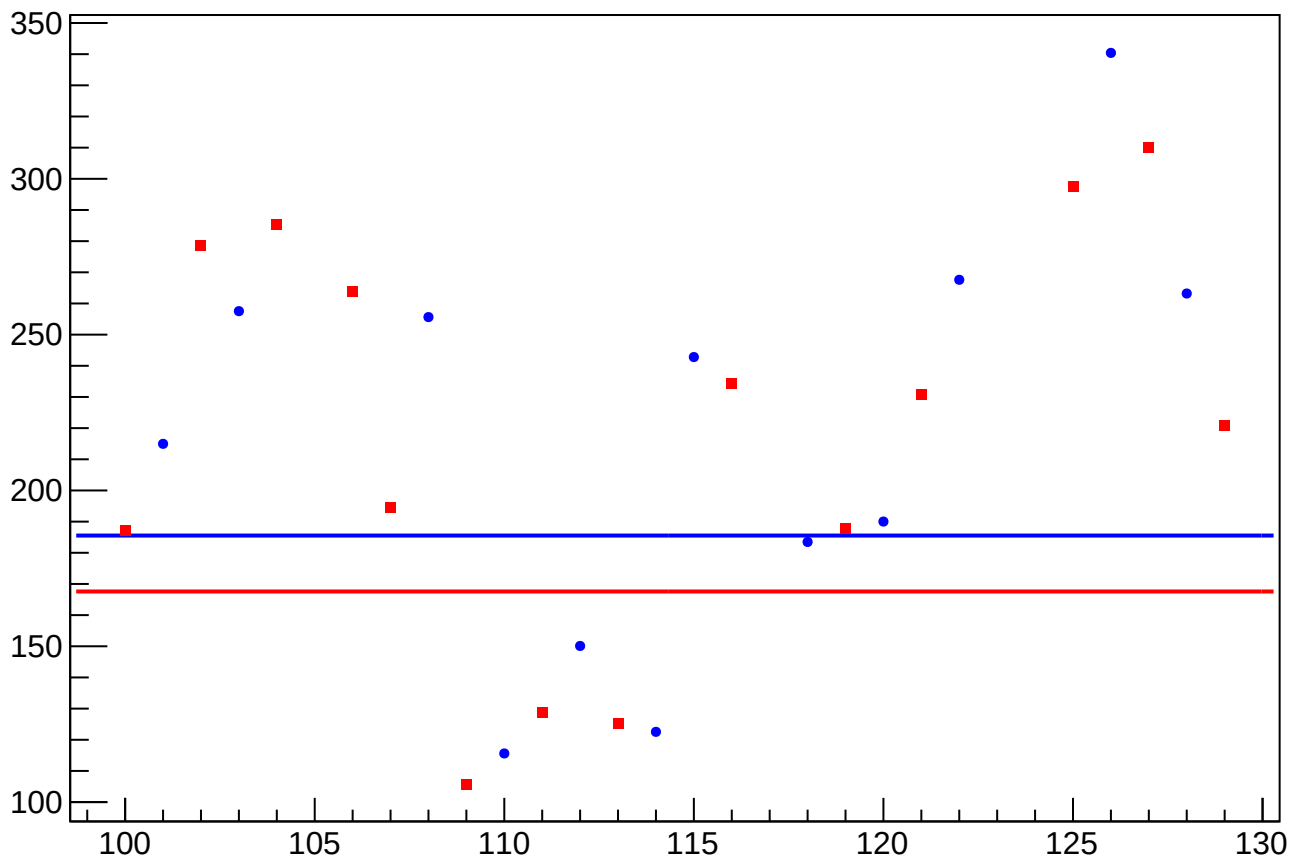
Right: -72.852+/-57.926 χ^2/NDF : 15.5/25

In: -53.622+/-88.515 χ^2/NDF : 5.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -72.852+/-57.926 χ^2/NDF : 15.5/25

asym_bcm_an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 185.532+/-0.063 χ^2/NDF : 886903.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

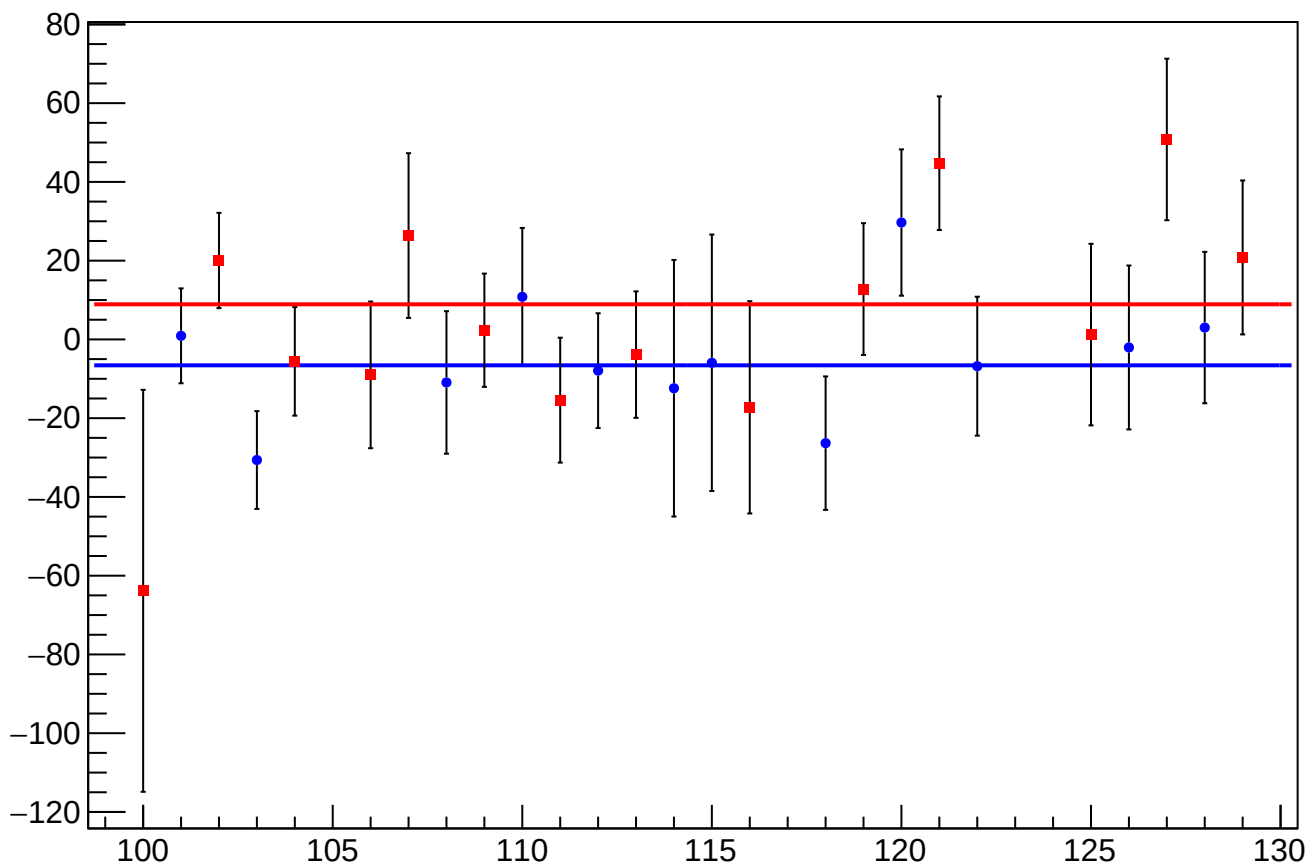
Right: 175.270+/-0.041 χ^2/NDF : 2386595.8/25

In: 185.532+/-0.063 χ^2/NDF : 886903.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.270+/-0.041 χ^2/NDF : 2386595.8/25

asym_bcm_an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -6.578+/-4.945 χ^2/NDF : 10.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.919+/-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

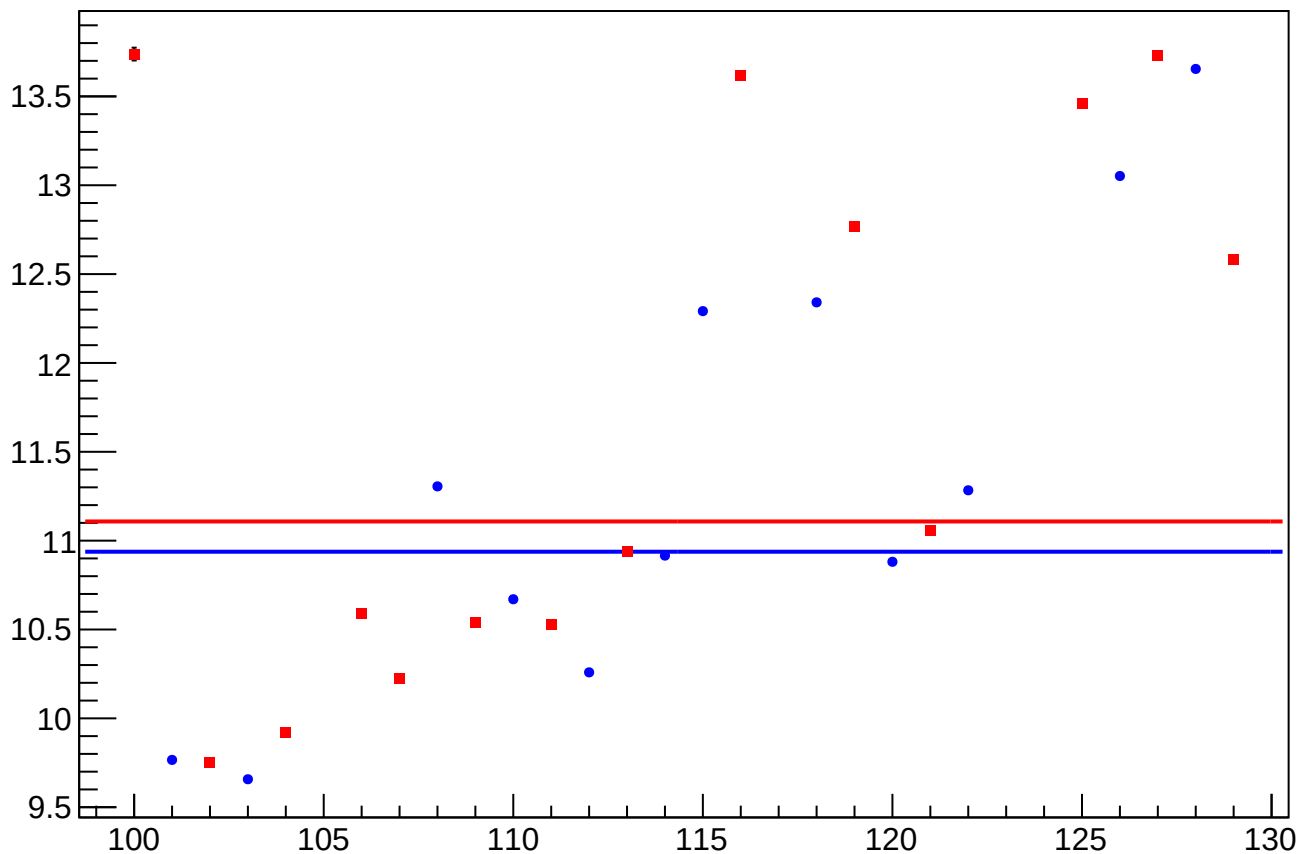
Right: 1.594+/-3.400 χ^2/NDF : 34.8/25

In: -6.578+/-4.945 χ^2/NDF : 10.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.594+/-3.400 χ^2/NDF : 34.8/25

asym_bcm_an_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 10.938+/-0.003 χ^2/NDF : 124350.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.108+/-0.003 χ^2/NDF : 158277.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

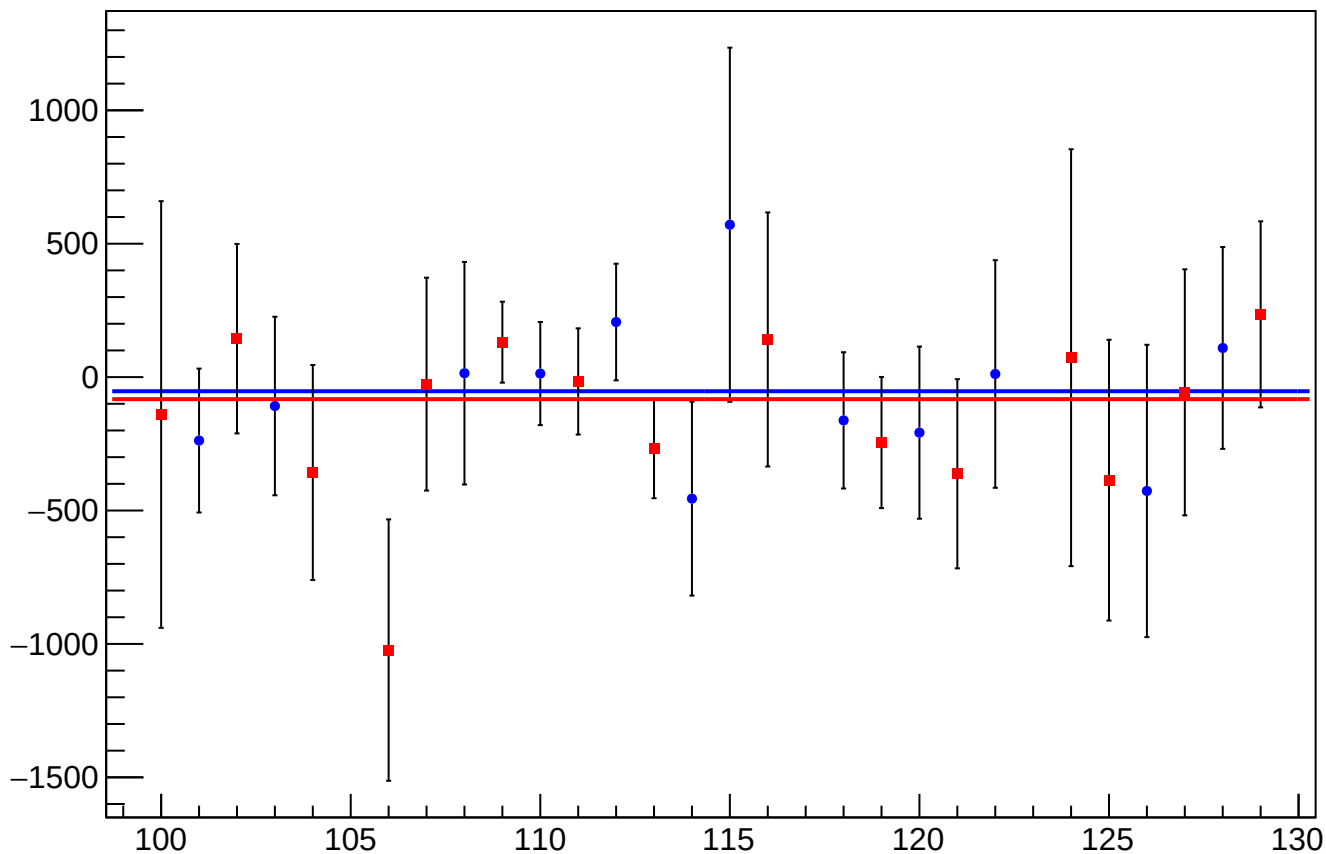
Right: 11.027+/-0.002 χ^2/NDF : 283878.6/25

In: 10.938+/-0.003 χ^2/NDF : 124350.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.027+/-0.002 χ^2/NDF : 283878.6/25

asym_bcm_an_us_an_ds3_avg_mean vs Slug, Sign Corrected



Right In: -52.905 $\pm$ 88.823 χ^2 /NDF: 5.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -82.548 $\pm$ 76.518 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

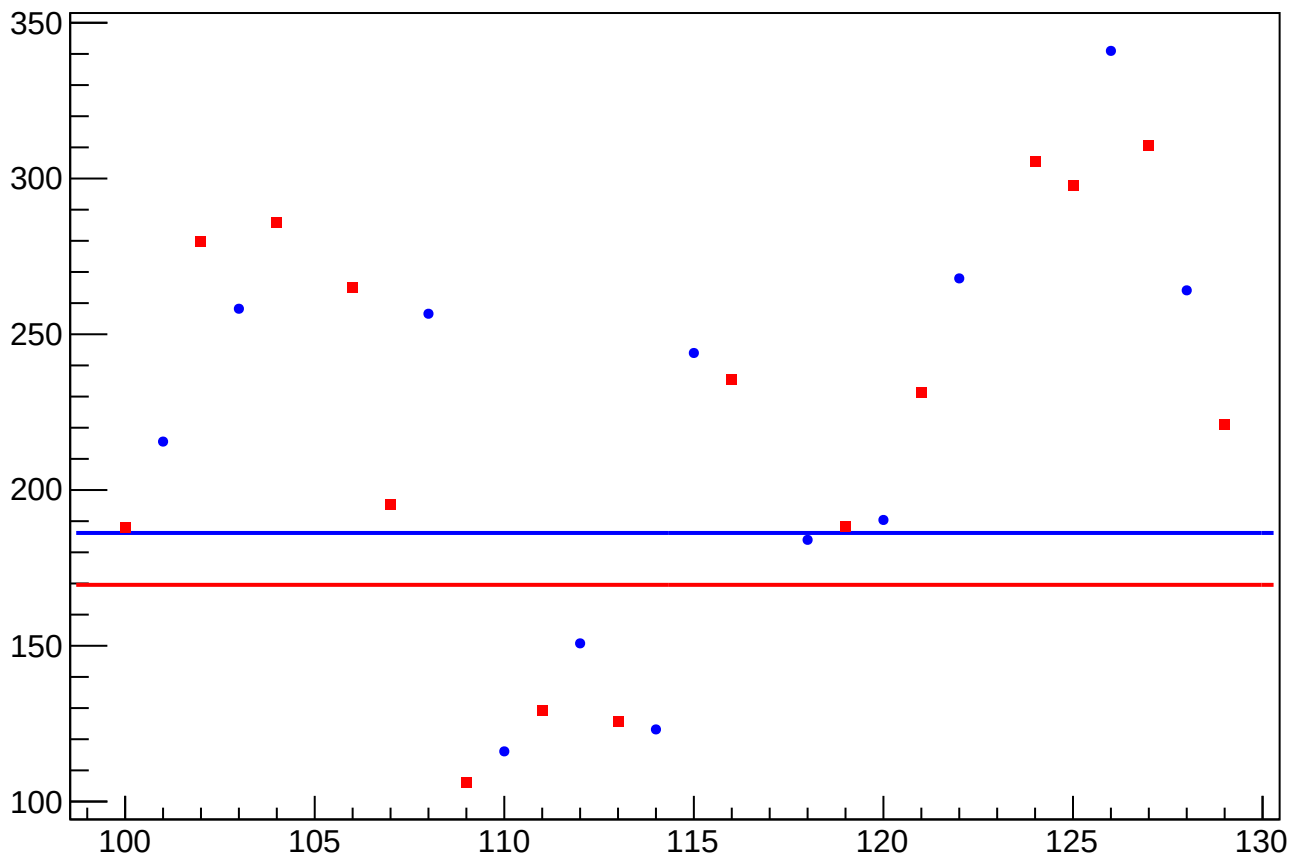
Right: -69.921 $\pm$ 57.973 χ^2 /NDF: 15.5/26

In: -52.905 $\pm$ 88.823 χ^2 /NDF:5.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -69.921 $\pm$ 57.973 χ^2 /NDF: 15.5/26

asym_bcm_an_us_an_ds3_avg_rms vs Slug, Sign Corrected



Right In: 186.220+/-0.063 χ^2/NDF : 882841.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

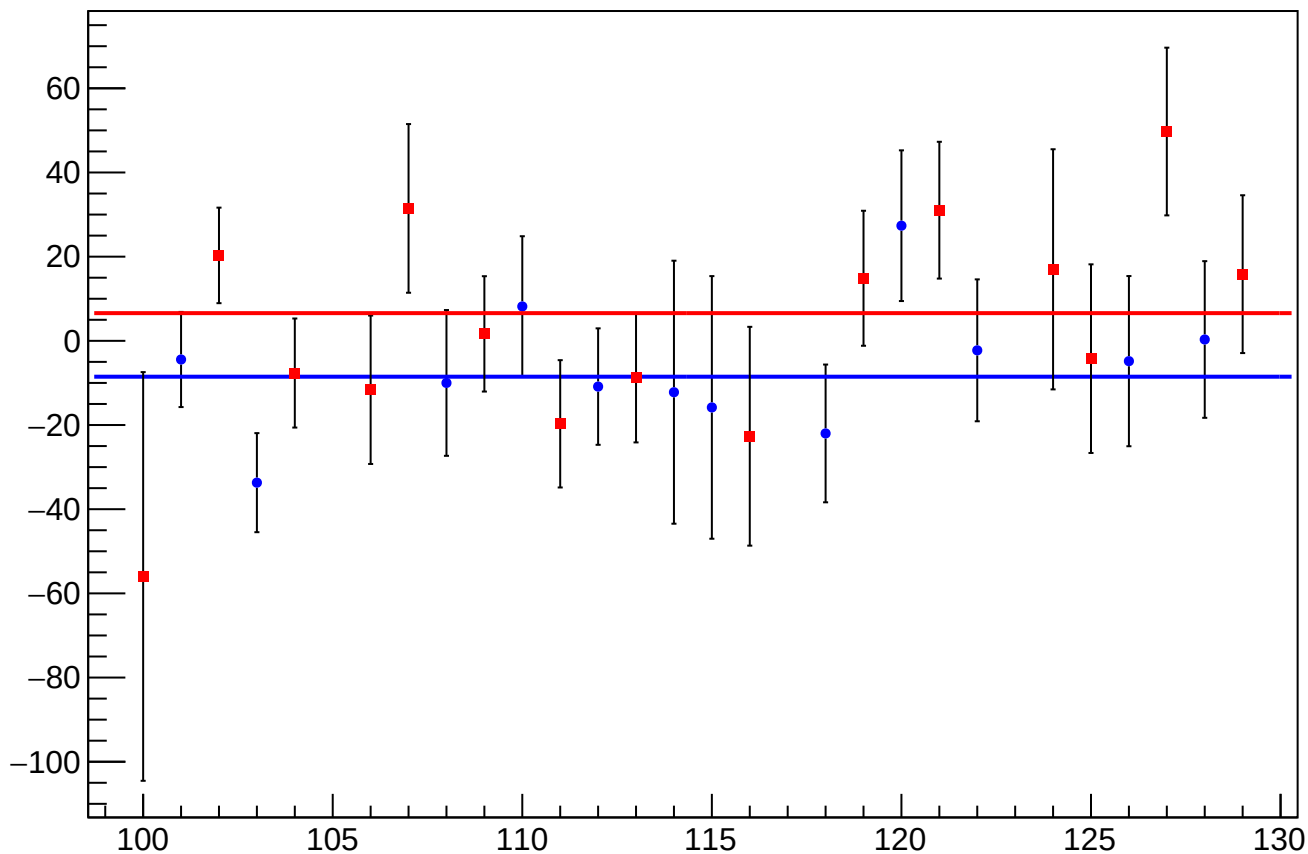
Right: 176.657+/-0.041 χ^2/NDF : 2430745.9/26

In: 186.220+/-0.063 χ^2/NDF : 882841.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 176.657+/-0.041 χ^2/NDF : 2430745.9/26

asym_bcm_an_us_an_ds3_dd_mean vs Slug, Sign Corrected



Right In: -8.520+/-4.716 χ^2/NDF : 10.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 6.582+/-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

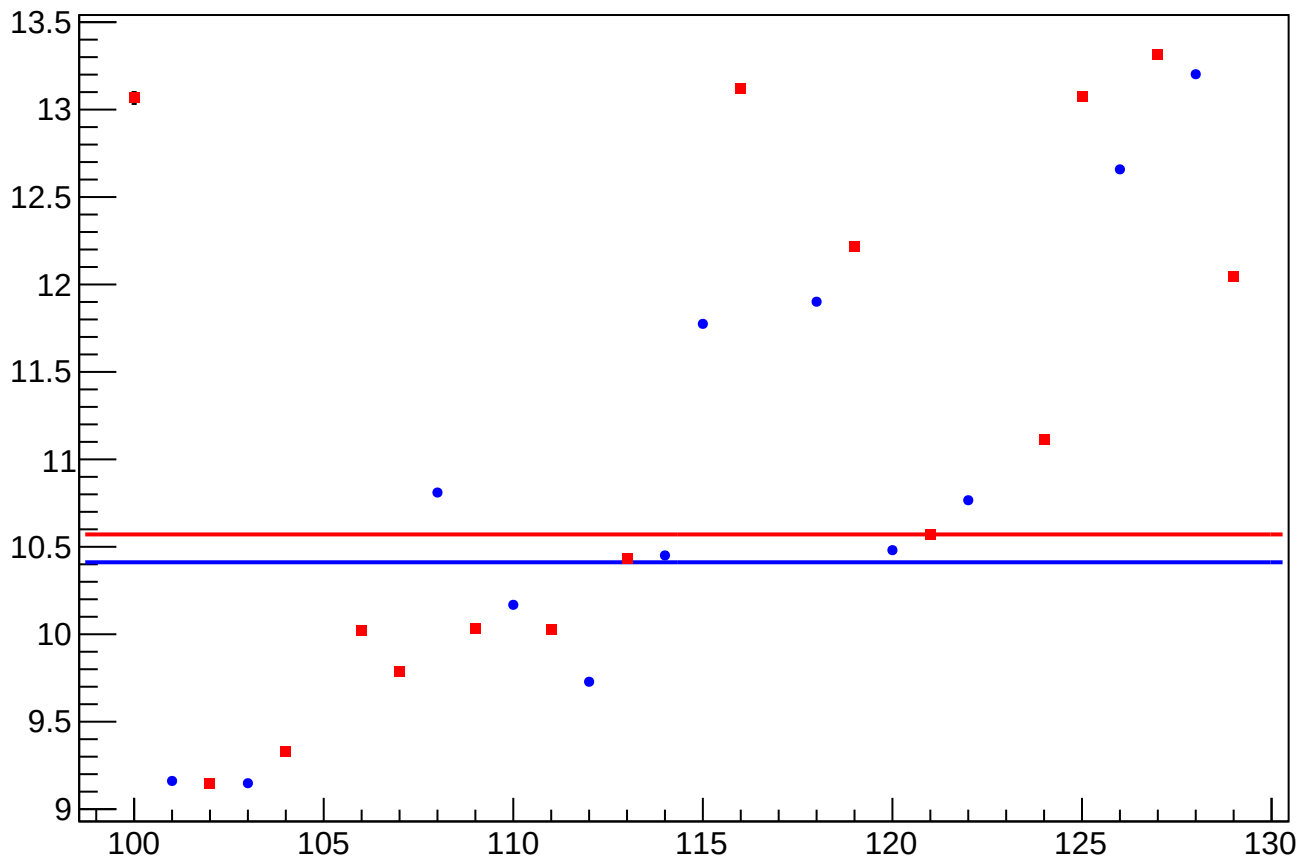
Right: -0.455+/-3.219 χ^2/NDF : 36.6/26

In: -8.520+/-4.716 χ^2/NDF :10.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.455+/-3.219 χ^2/NDF : 36.6/26

asym_bcm_an_us_an_ds3_dd_rms vs Slug, Sign Corrected



Right In: 10.412+/-0.003 χ^2/NDF : 144870.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.571+/-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

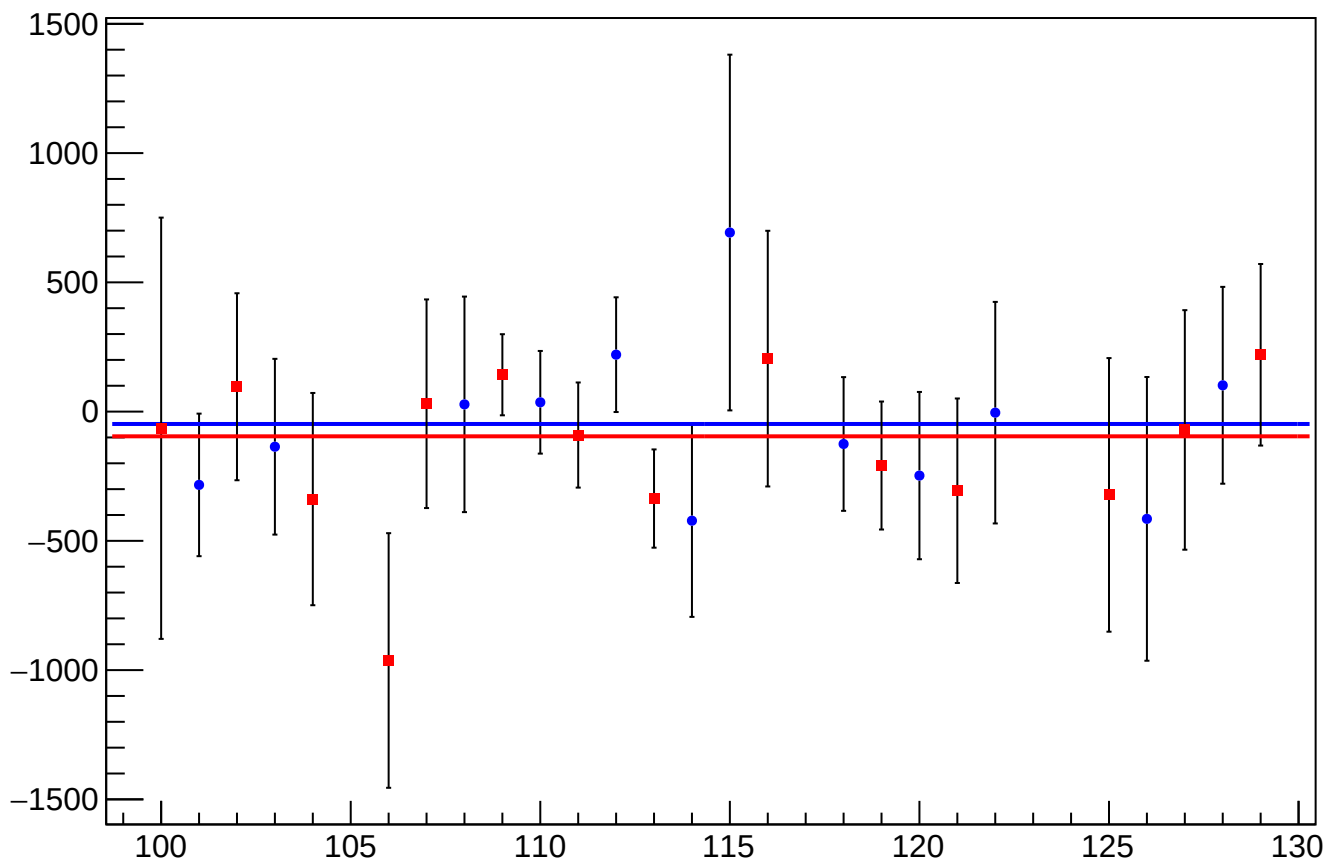
Right: 10.497+/-0.002 χ^2/NDF : 328410.6/26

In: 10.412+/-0.003 χ^2/NDF : 144870.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.497+/-0.002 χ^2/NDF : 328410.6/26

asym_bcm_dg_us_dg_ds_avg_mean vs Slug, Sign Corrected



Right In: -47.893 ± 90.266 χ^2/NDF : 5.7/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

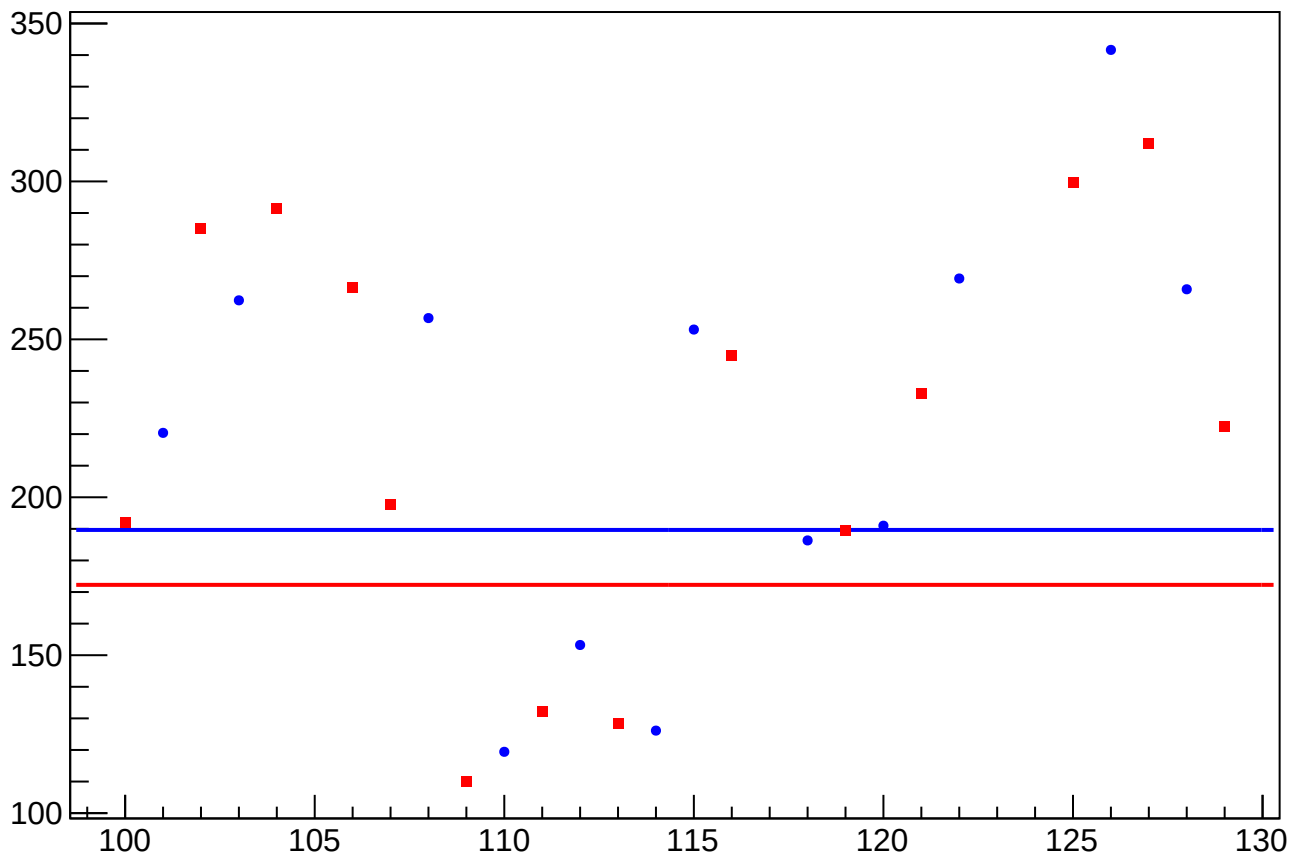
Right: -75.086 ± 59.215 χ^2/NDF : 15.5/25

In: -47.893 ± 90.266 χ^2/NDF : 5.7/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -75.086 ± 59.215 χ^2/NDF : 15.5/25

asym_bcm_dg_us_dg_ds_avg_rms vs Slug, Sign Corrected



Right In: 189.661+/-0.064 χ^2/NDF : 850383.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

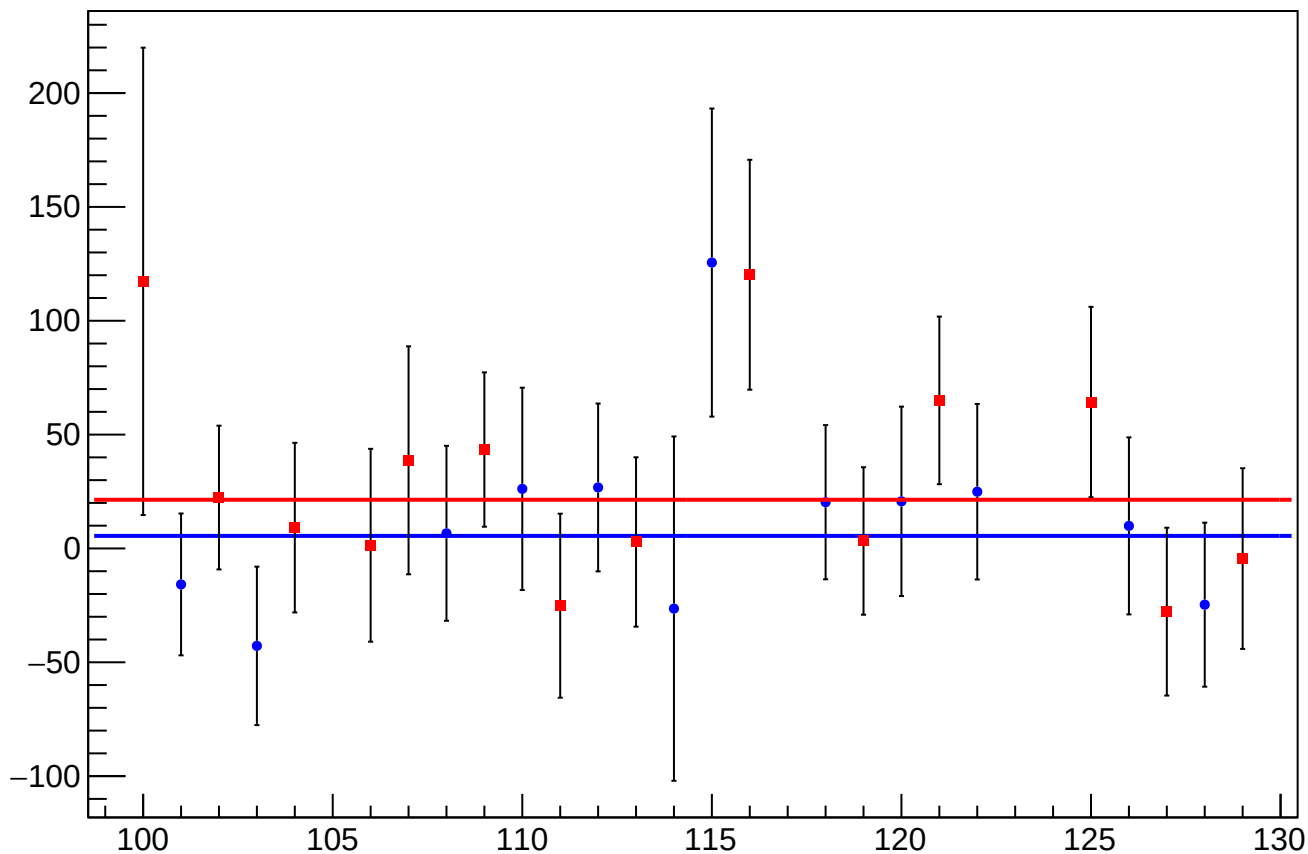
Right: 179.755+/-0.042 χ^2/NDF : 2285656.2/25

In: 189.661+/-0.064 χ^2/NDF : 850383.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.755+/-0.042 χ^2/NDF : 2285656.2/25

asym_bcm_dg_us_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: 5.516+/-11.378 χ^2/NDF : 7.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

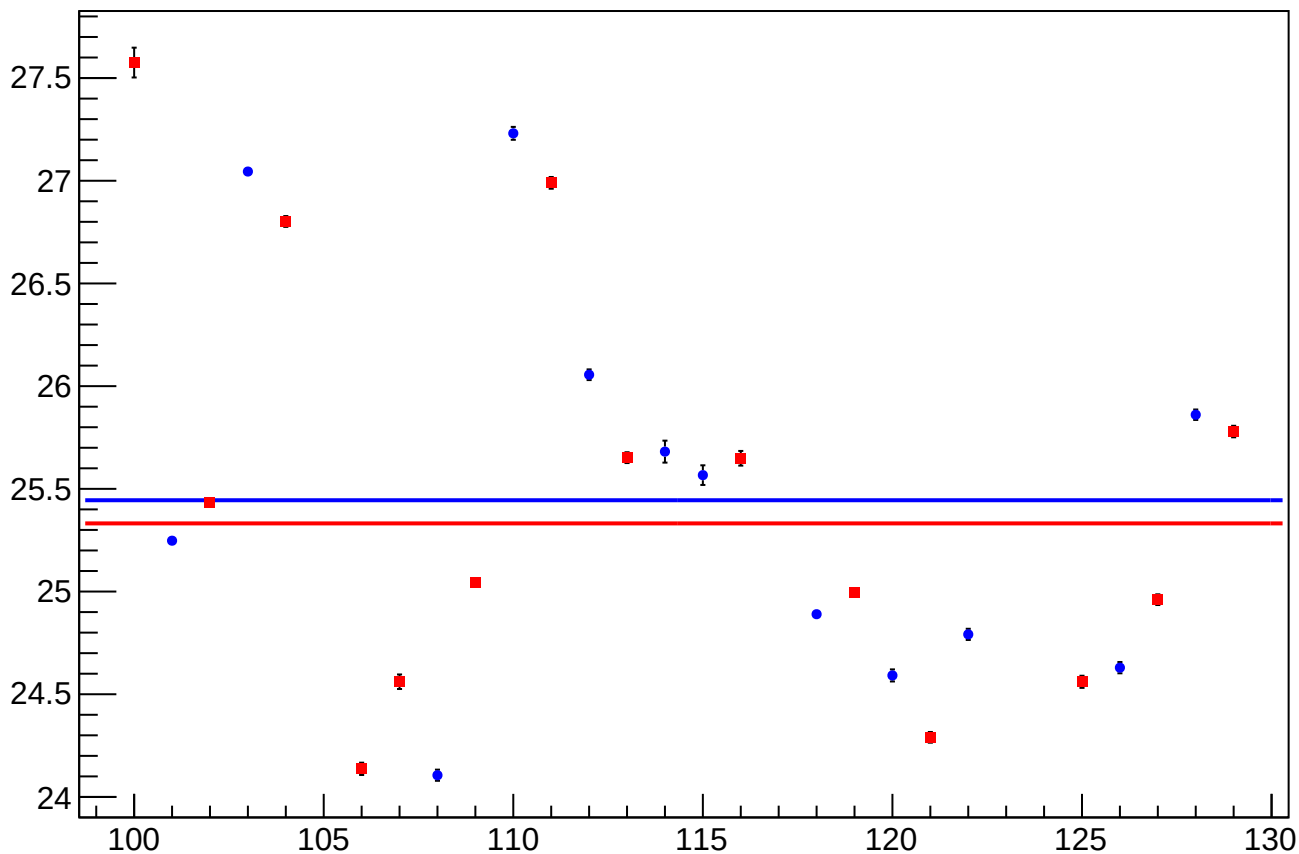
Right: 14.061+/-7.731 χ^2/NDF : 20.7/25

In: 5.516+/-11.378 χ^2/NDF : 7.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.061+/-7.731 χ^2/NDF : 20.7/25

asym_bcm_dg_us_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 25.445+/-0.008 χ^2/NDF : 13646.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.332+/-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

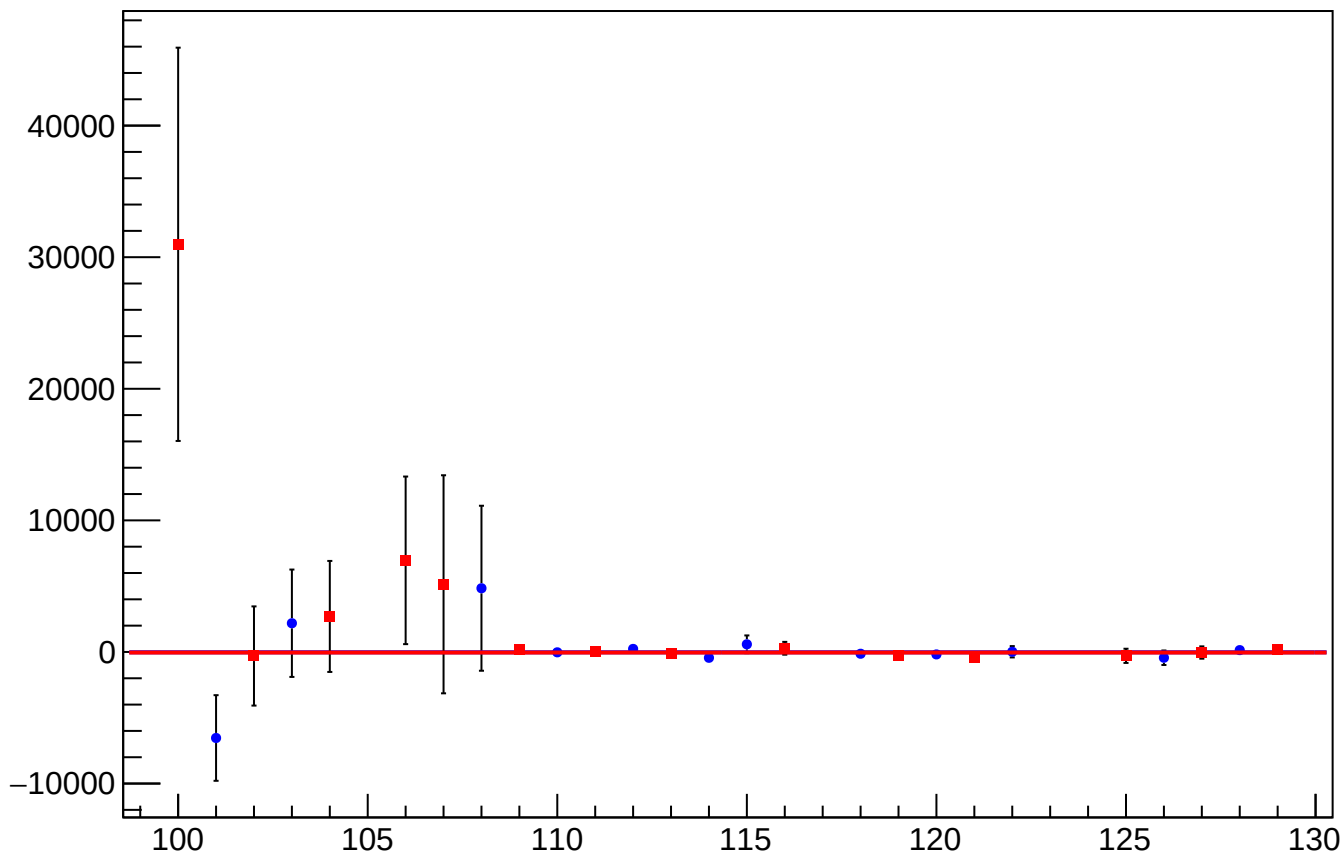
Right: 25.384+/-0.005 χ^2/NDF : 26603.4/25

In: 25.445+/-0.008 χ^2/NDF : 13646.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.384+/-0.005 χ^2/NDF : 26603.4/25

asym_bcm_cav4cQ_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -25.155+/-101.461 χ^2/NDF : 9.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

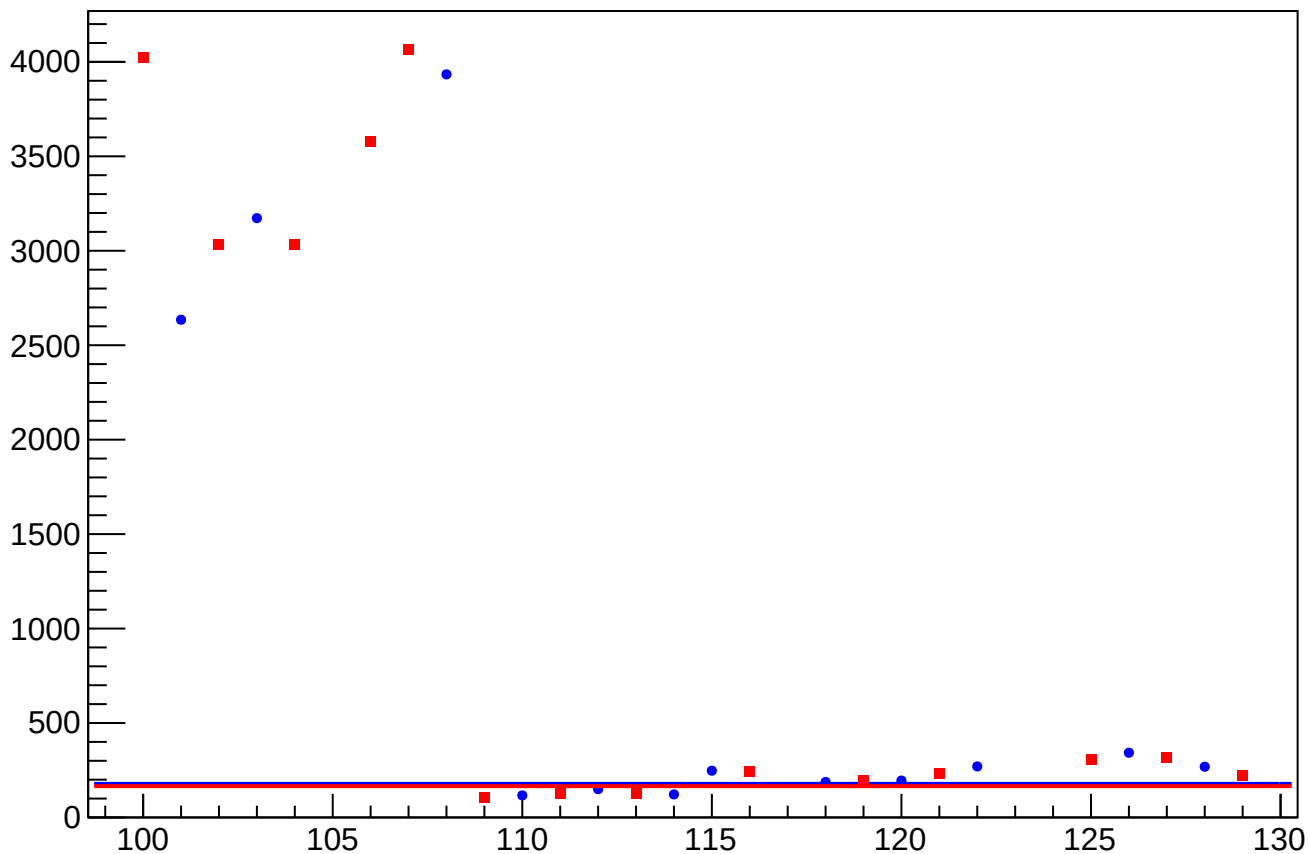
Right: -35.833+/-67.707 χ^2/NDF : 20.7/25

In: -25.155+/-101.461 χ^2/NDF : 9.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.833+/-67.707 χ^2/NDF : 20.7/25

asym_bcm_cav4cQ_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 177.703+/-0.072 χ^2/NDF : 3627275.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

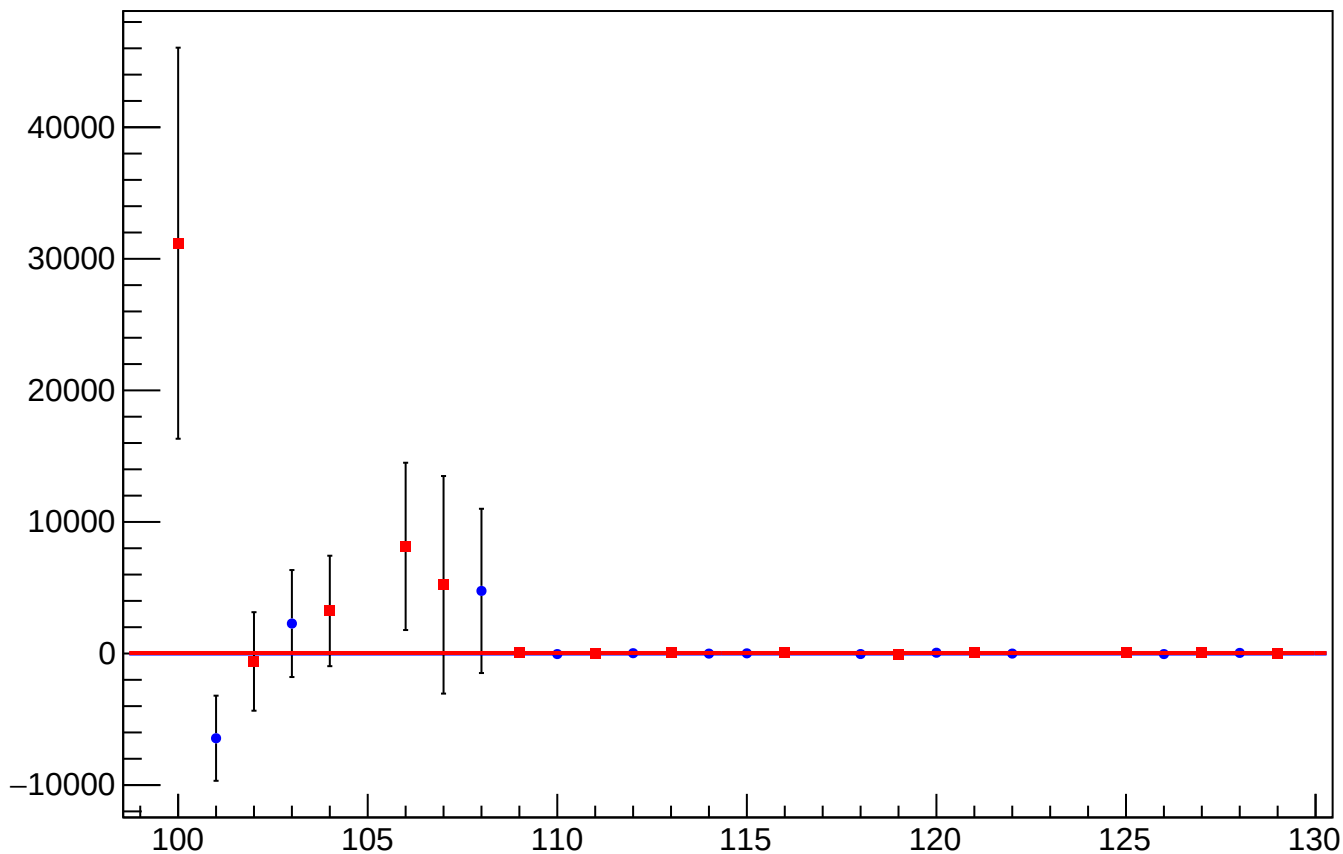
Right: 171.015+/-0.048 χ^2/NDF : 7740308.0/25

In: 177.703+/-0.072 χ^2/NDF : 3627275.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.015+/-0.048 χ^2/NDF : 7740308.0/25

asym_bcm_cav4cQ_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -0.686+/-15.187 χ^2/NDF : 11.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

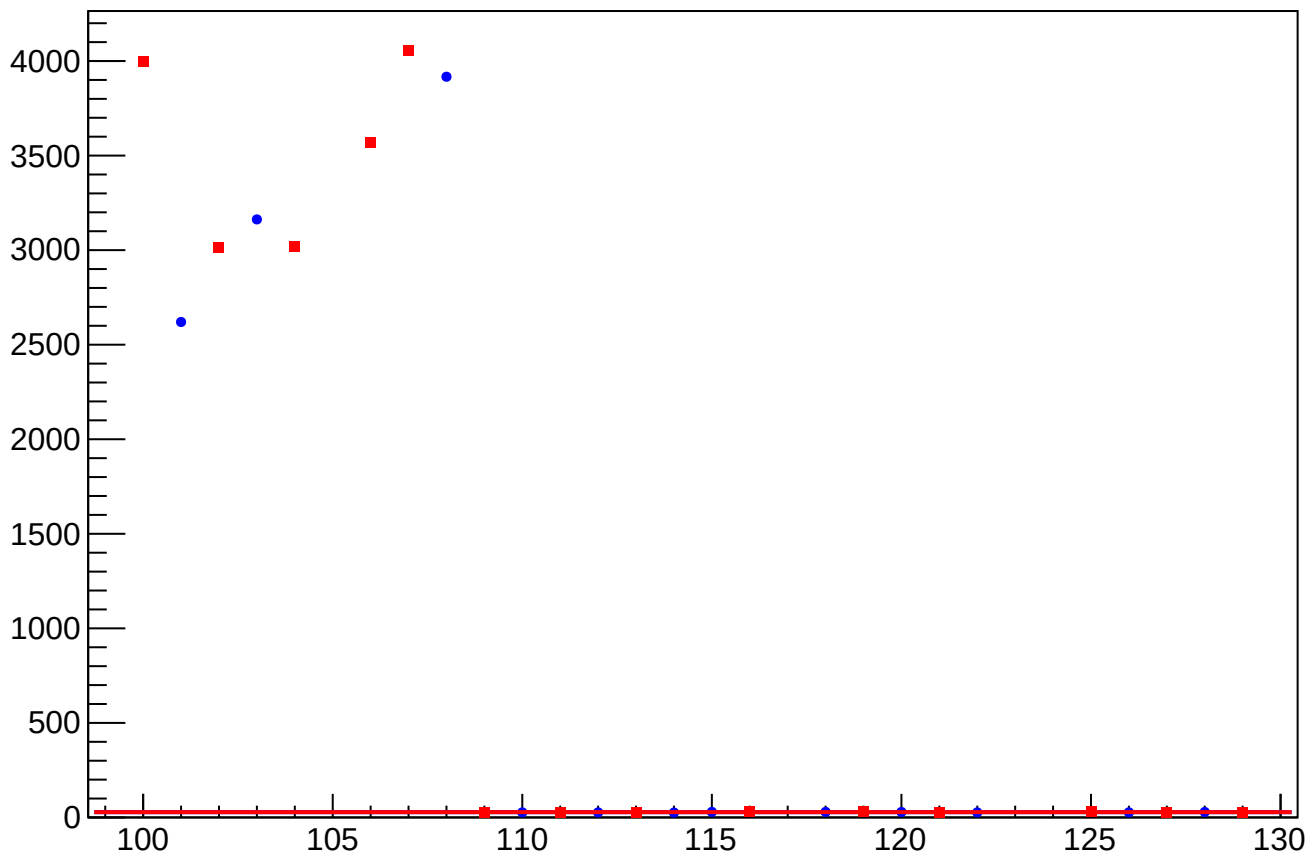
Right: 20.489+/-10.511 χ^2/NDF : 31.5/25

In: -0.686+/-15.187 χ^2/NDF : 11.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.489+/-10.511 χ^2/NDF : 31.5/25

asym_bcm_cav4cQ_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 27.884+/-0.011 χ^2/NDF : 3261077.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.083+/-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

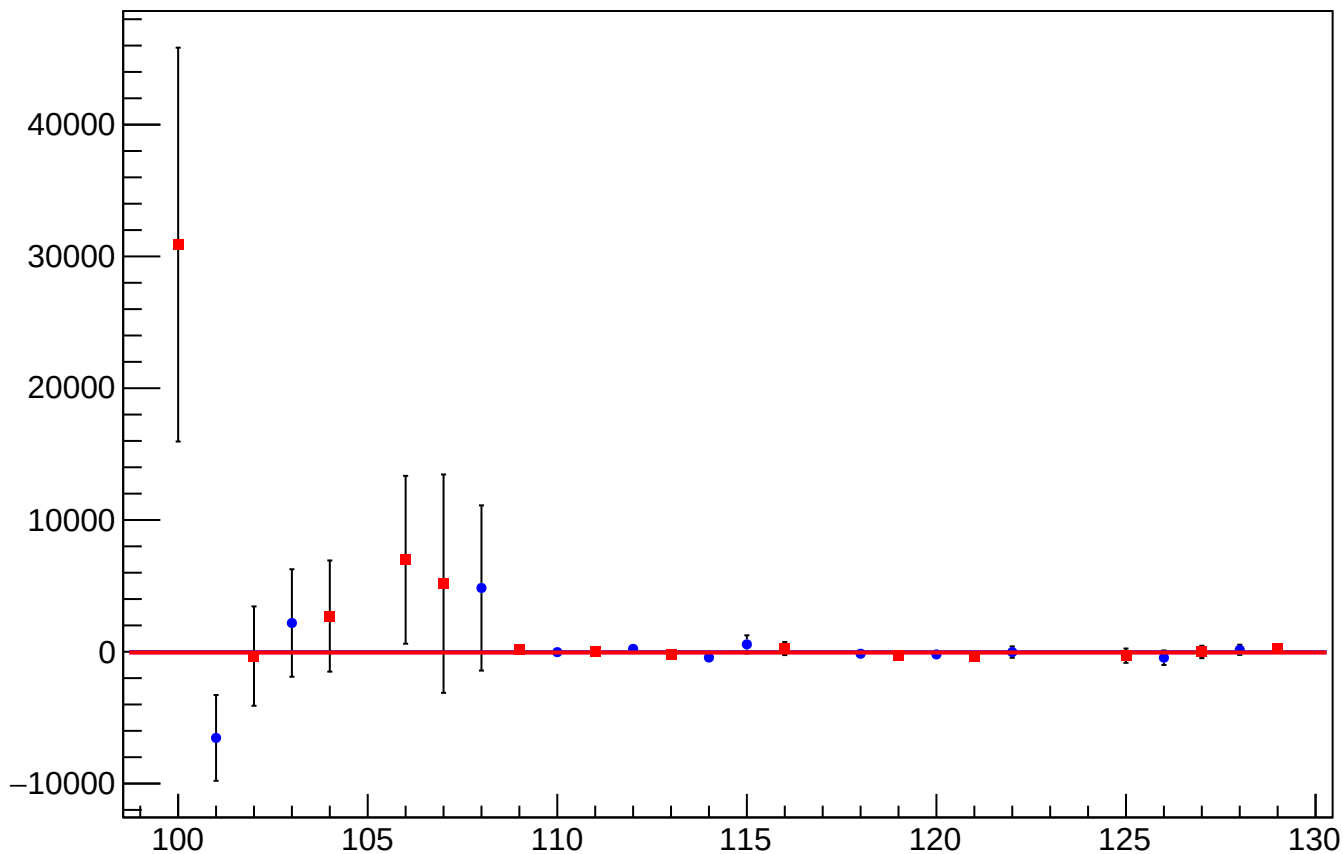
Right: 27.988+/-0.007 χ^2/NDF : 6815387.0/25

In: 27.884+/-0.011 χ^2/NDF : 3261077.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.988+/-0.007 χ^2/NDF : 6815387.0/25

asym_bcm_cav4cQ_dg_ds_avg_mean vs Slug, Sign Corrected



Right In: -32.813 $\pm$ 102.284 χ^2 /NDF: 9.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -55.154 $\pm$ 91.710 χ^2 /NDF: 10.8/13

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

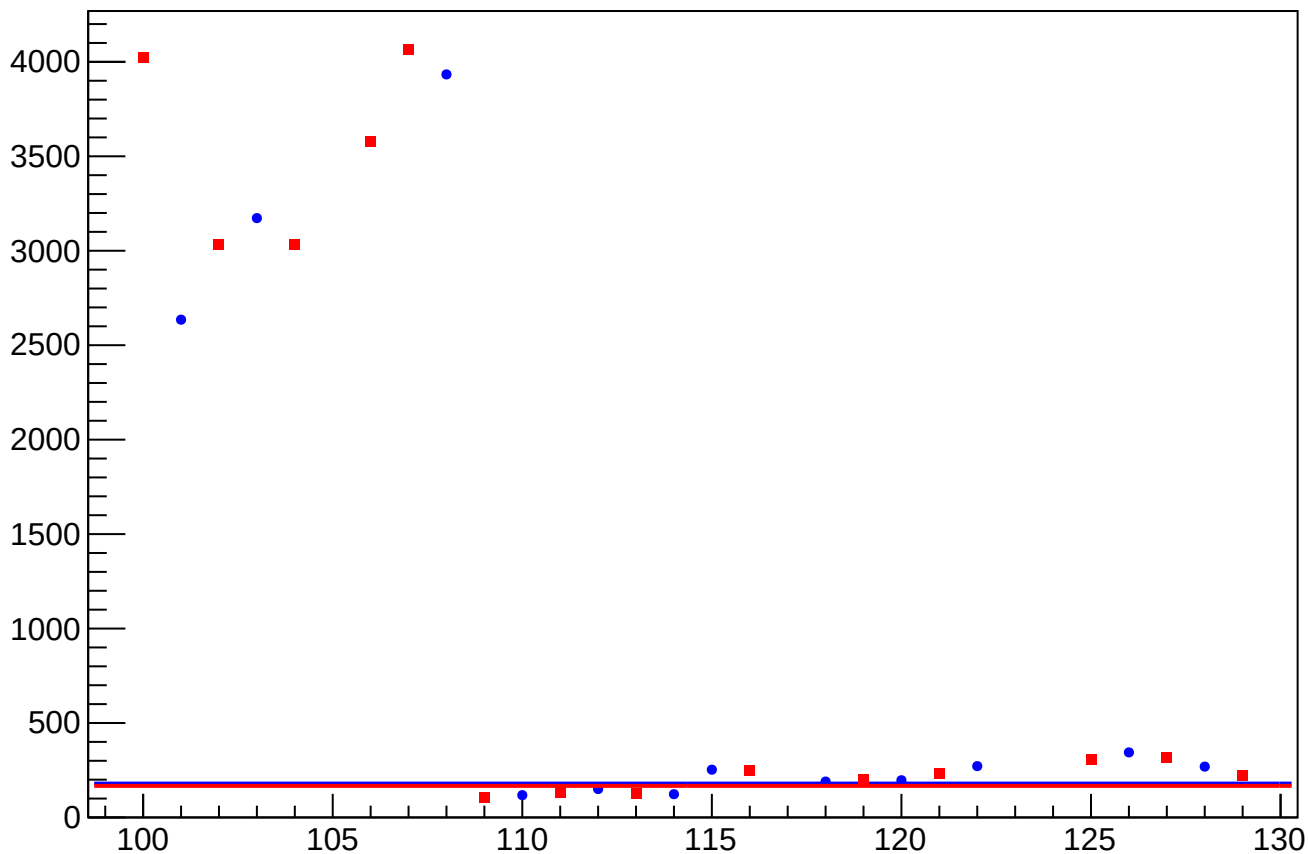
Right: -45.197 $\pm$ 68.282 χ^2 /NDF: 20.3/25

In: -32.813 $\pm$ 102.284 χ^2 /NDF:9.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -45.197 $\pm$ 68.282 χ^2 /NDF: 20.3/25

asym_bcm_cav4cQ_dg_ds_avg_rms vs Slug, Sign Corrected



Right In: 179.249+/-0.072 χ^2/NDF : 3620449.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

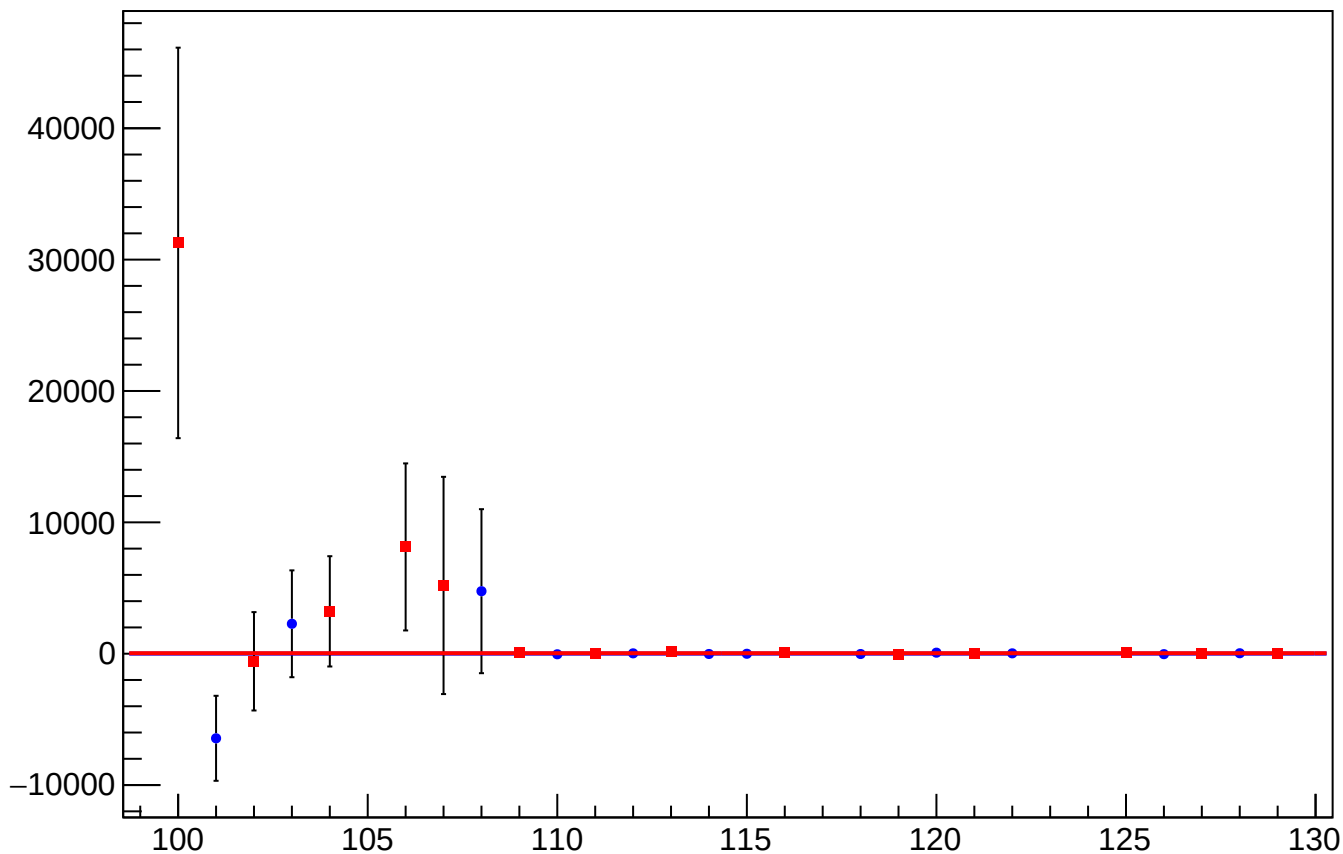
Right: 172.583+/-0.048 χ^2/NDF : 7726840.9/25

In: 179.249+/-0.072 χ^2/NDF : 3620449.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.583+/-0.048 χ^2/NDF : 7726840.9/25

asym_bcm_cav4cQ_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: 7.095+/-16.900 χ^2/NDF : 9.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

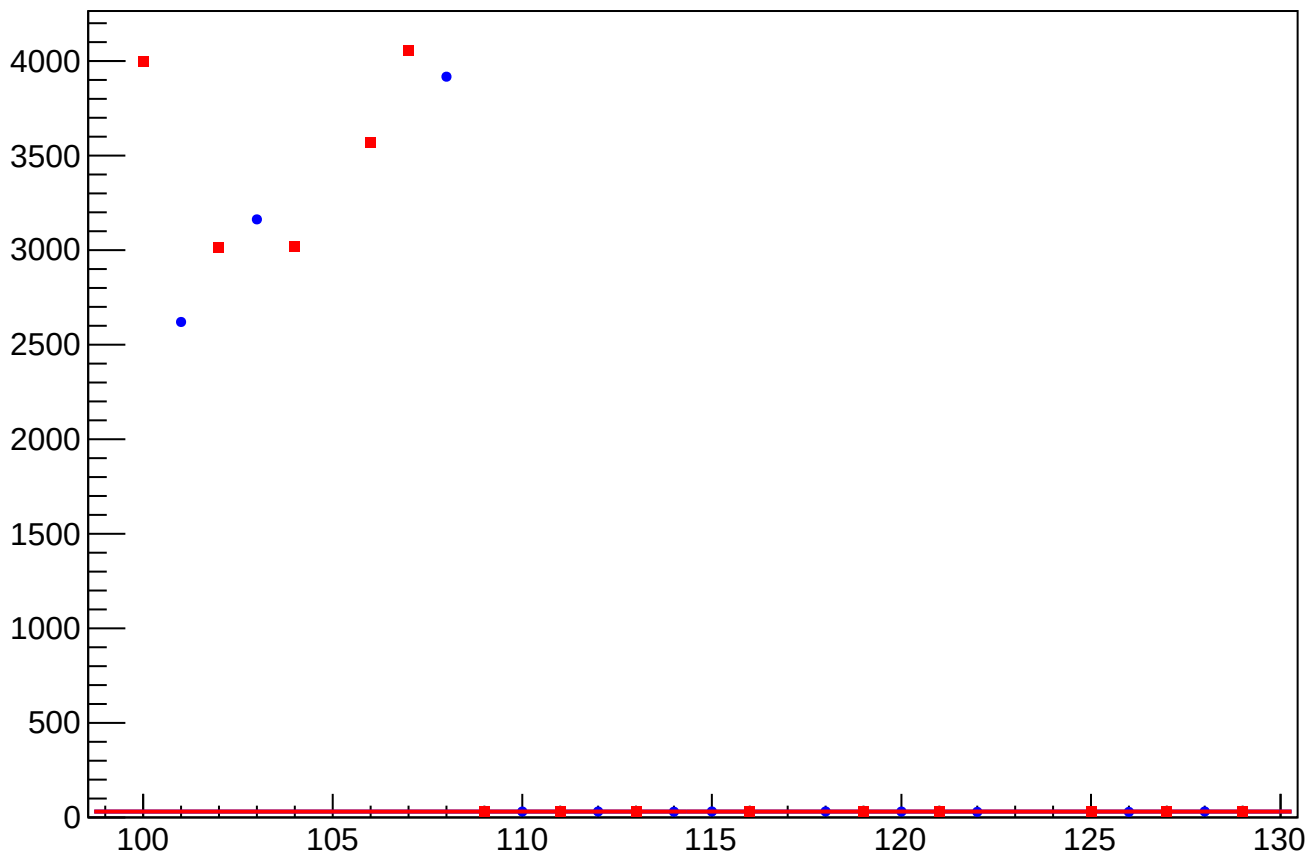
Right: 23.339+/-11.667 χ^2/NDF : 32.4/25

In: 7.095+/-16.900 χ^2/NDF : 9.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.339+/-11.667 χ^2/NDF : 32.4/25

asym_bcm_cav4cQ_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 31.075+/-0.012 χ^2/NDF : 3247851.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.163+/-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

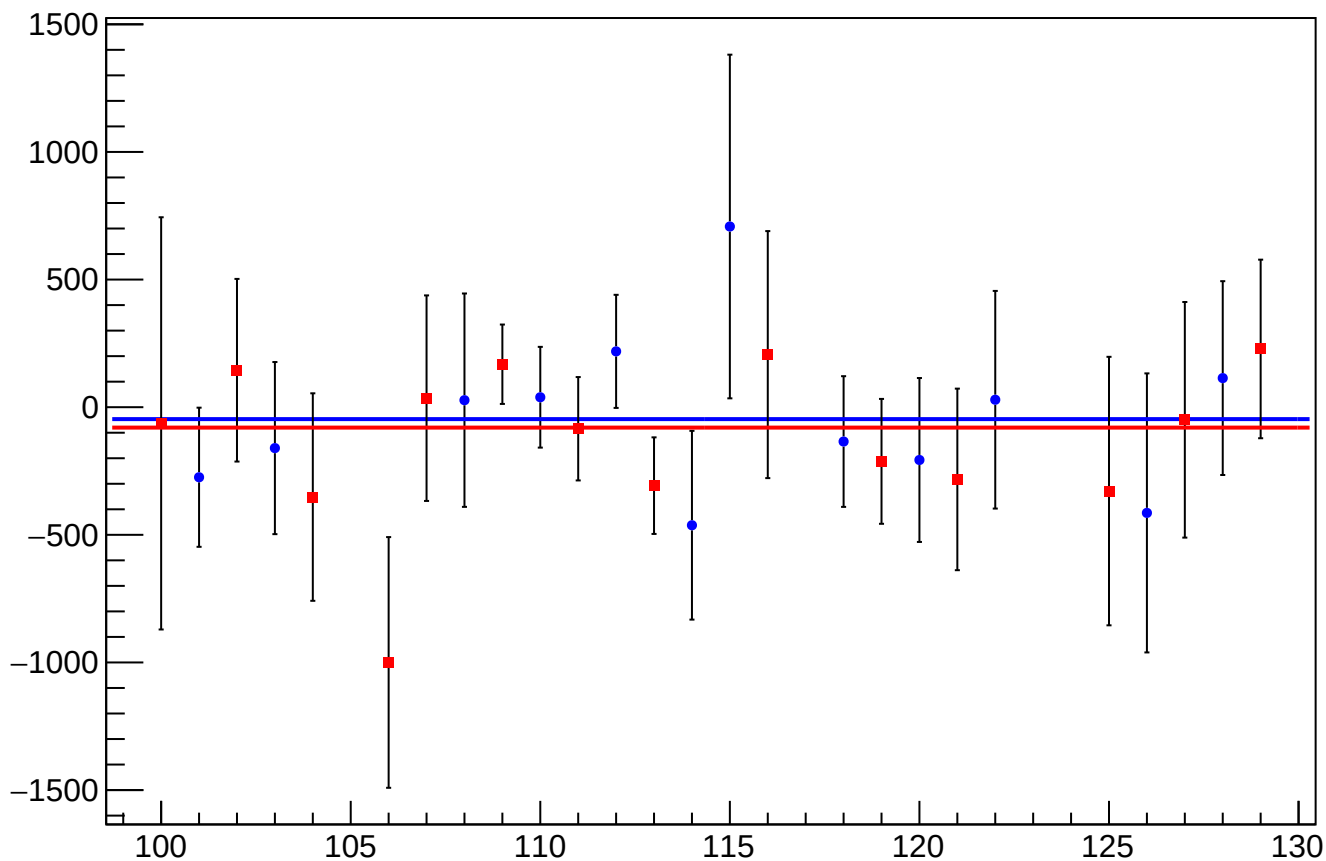
Right: 31.121+/-0.008 χ^2/NDF : 6778767.7/25

In: 31.075+/-0.012 χ^2/NDF : 3247851.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.121+/-0.008 χ^2/NDF : 6778767.7/25

asym_bcm_dg_us_an_us_avg_mean vs Slug, Sign Corrected



Right In: -46.676 ± 89.696 χ^2/NDF : 6.0/11

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

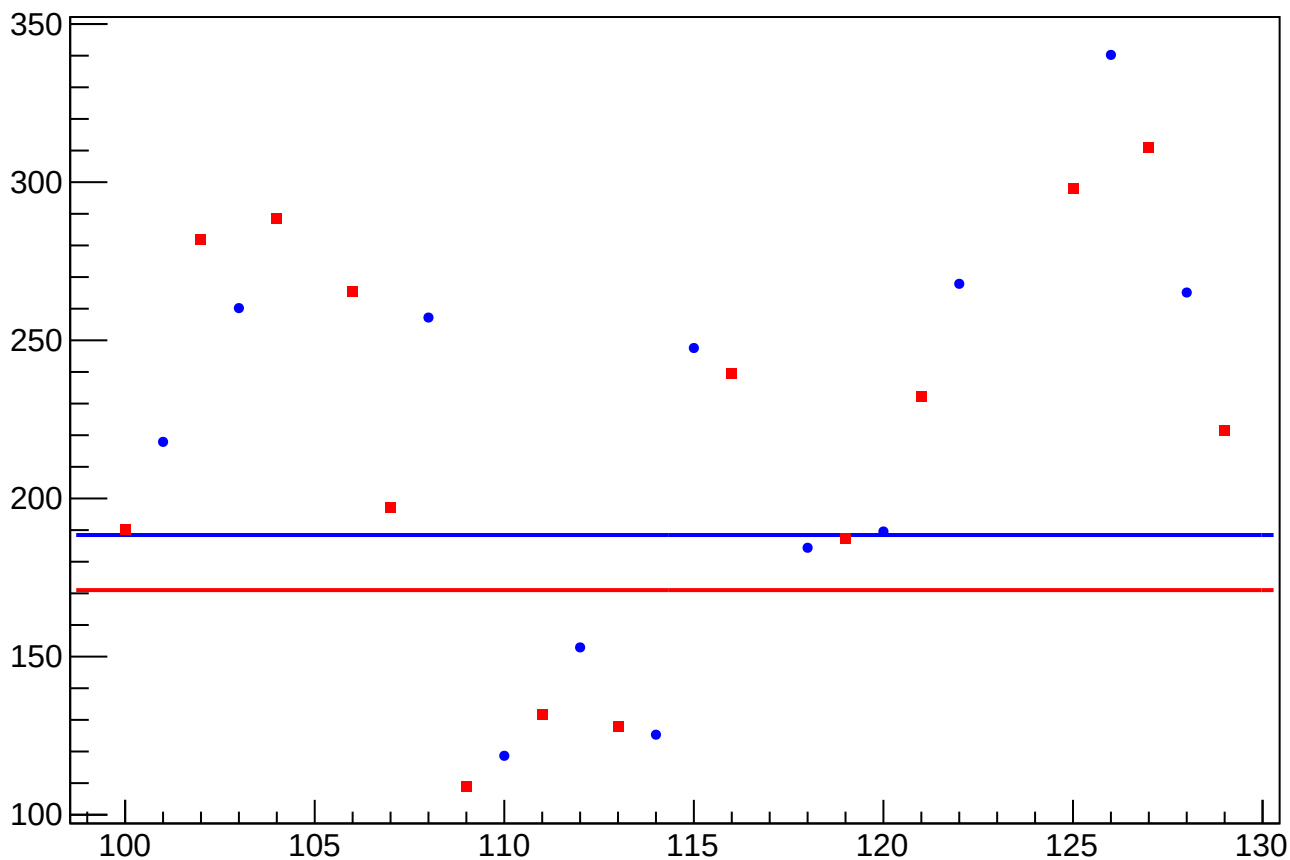
Right: -65.632 ± 58.818 χ^2/NDF : 16.5/25

In: -46.676 ± 89.696 χ^2/NDF : 6.0/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -65.632 ± 58.818 χ^2/NDF : 16.5/25

asym_bcm_dg_us_an_us_avg_rms vs Slug, Sign Corrected



Right In: 188.445+/-0.063 χ^2/NDF : 849148.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

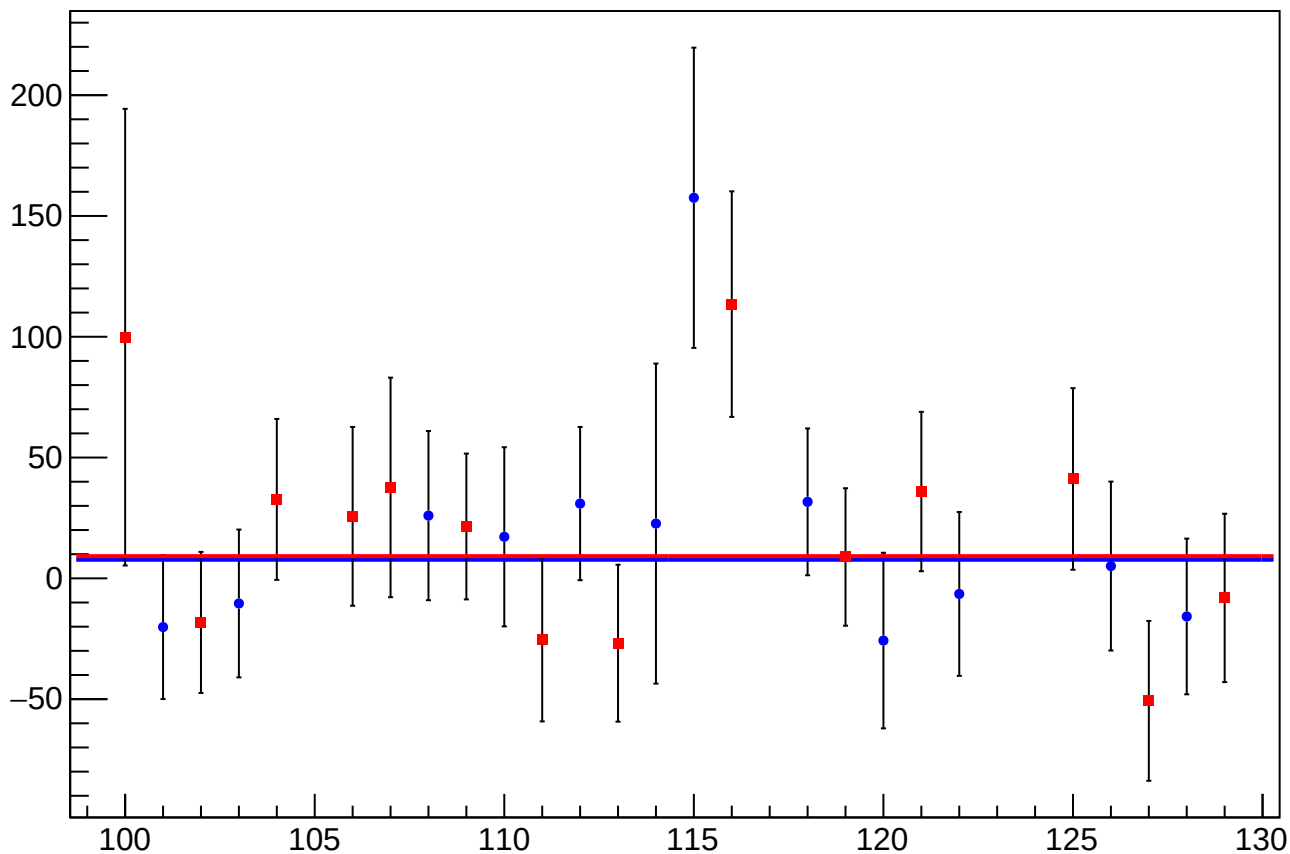
Right: 178.515+/-0.042 χ^2/NDF : 2282636.5/25

In: 188.445+/-0.063 χ^2/NDF : 849148.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.515+/-0.042 χ^2/NDF : 2282636.5/25

asym_bcm_dg_us_an_us_dd_mean vs Slug, Sign Corrected



Right In: 7.703+/-10.148 χ^2/NDF : 10.1/11

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

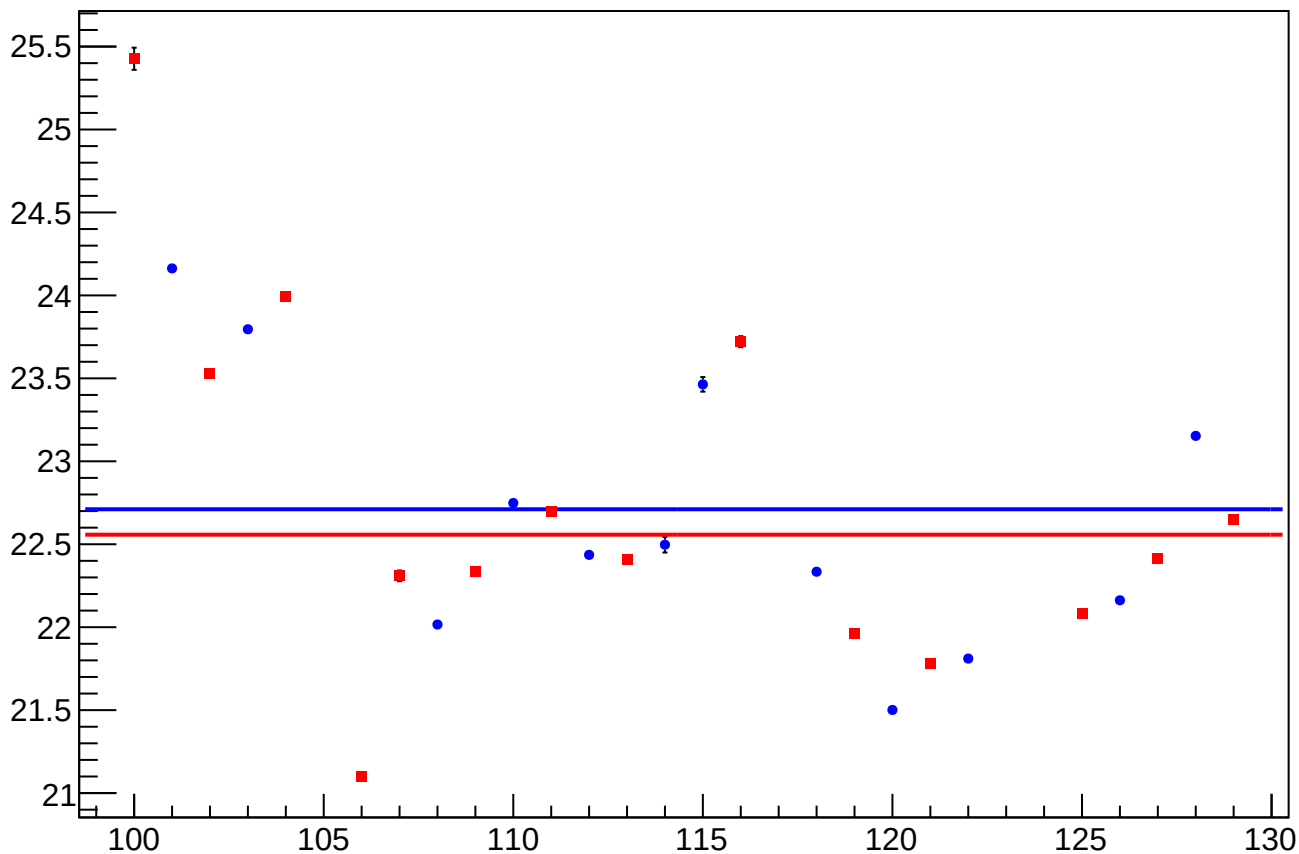
Right: 8.510+/-6.887 χ^2/NDF : 25.4/25

In: 7.703+/-10.148 χ^2/NDF : 10.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.510+/-6.887 χ^2/NDF : 25.4/25

asym_bcm_dg_us_an_us_dd_rms vs Slug, Sign Corrected



Right In: 22.711+/-0.007 χ^2/NDF : 13319.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.558+/-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

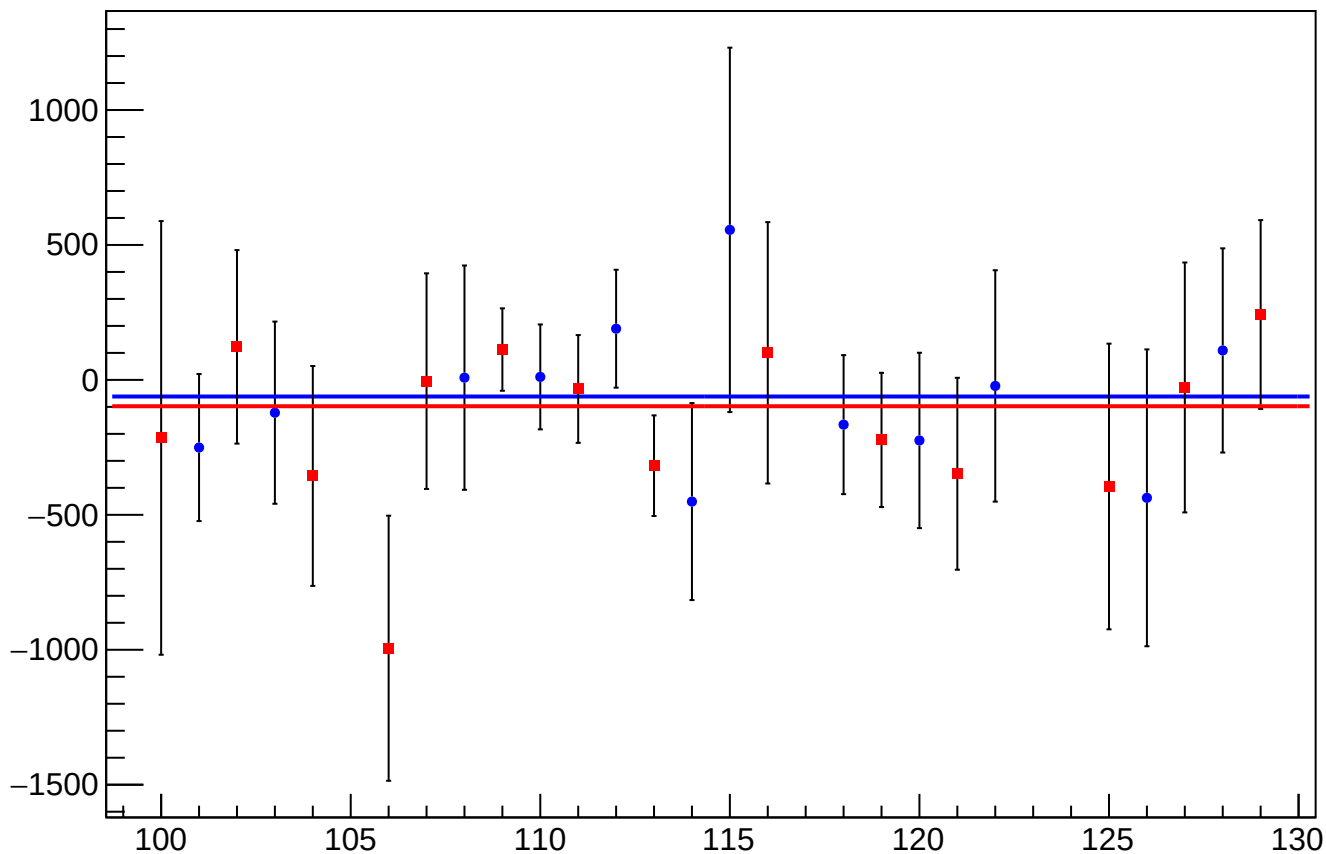
Right: 22.628+/-0.005 χ^2/NDF : 28275.9/25

In: 22.711+/-0.007 χ^2/NDF : 13319.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.628+/-0.005 χ^2/NDF : 28275.9/25

asym_bcm_dg_ds_an_us_avg_mean vs Slug, Sign Corrected



Right In: -61.563 ± 89.287 χ^2/NDF : 5.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

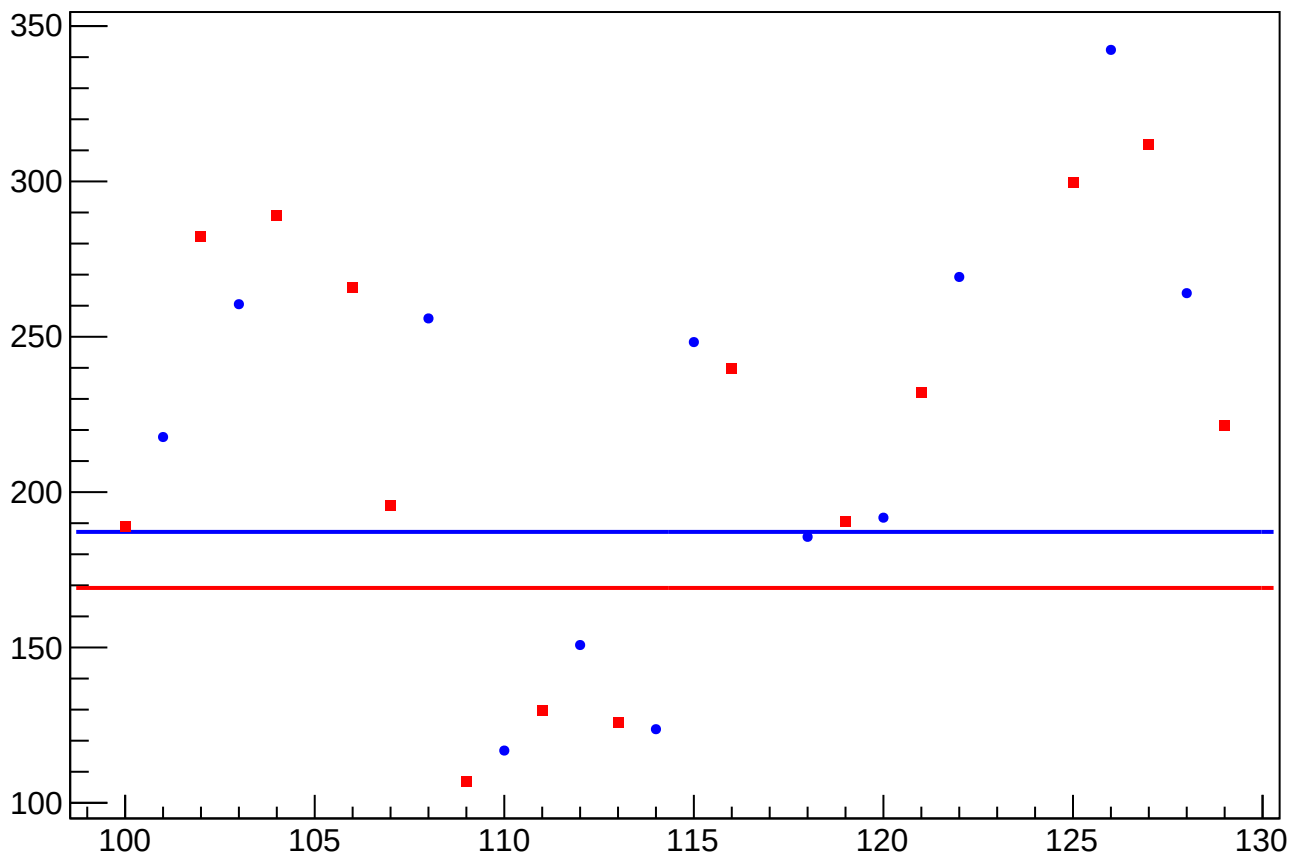
Right: -82.147 ± 58.448 χ^2/NDF : 14.9/25

In: -61.563 ± 89.287 χ^2/NDF : 5.1/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -82.147 ± 58.448 χ^2/NDF : 14.9/25

asym_bcm_dg_ds_an_us_avg_rms vs Slug, Sign Corrected



Right In: 187.201+/-0.063 χ^2/NDF : 884090.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

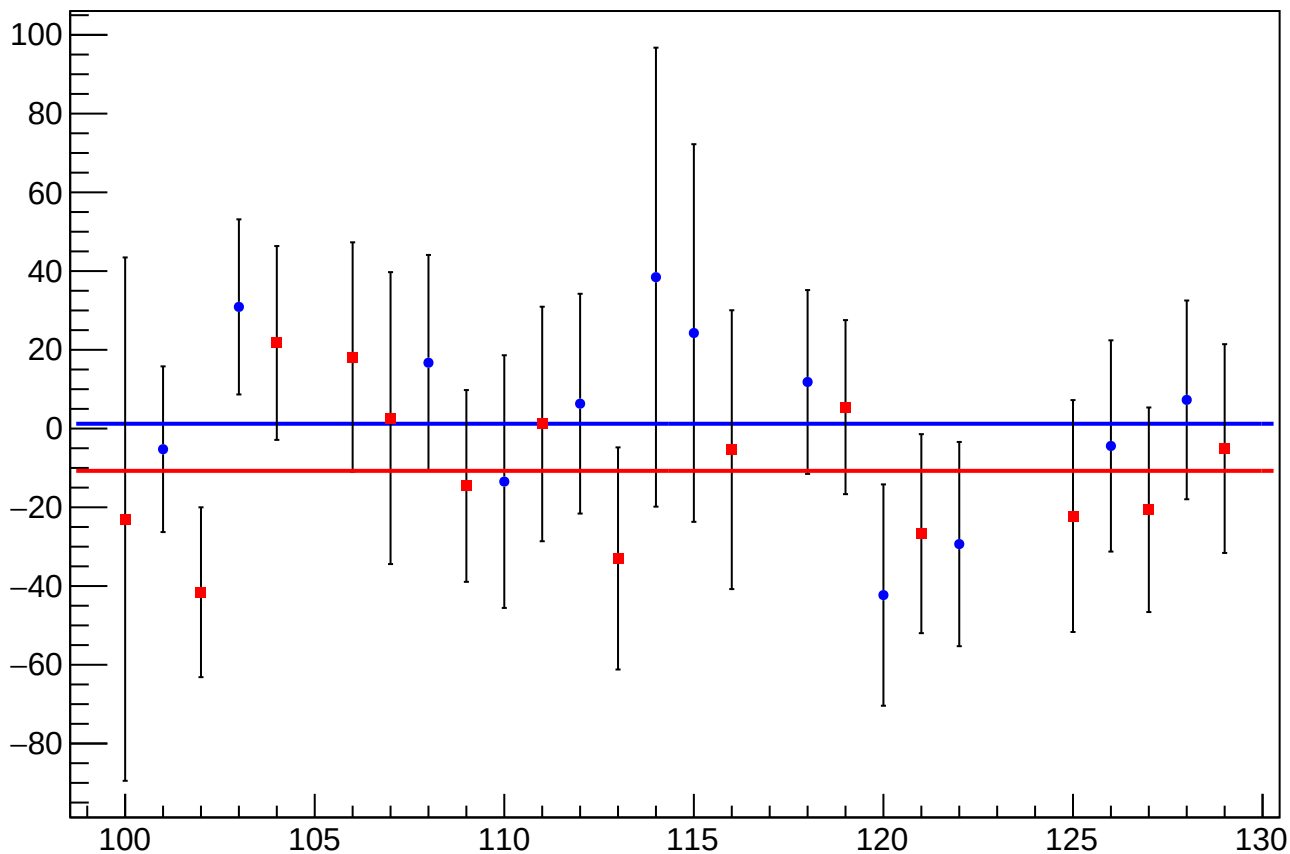
Right: 176.892+/-0.041 χ^2/NDF : 2385351.6/25

In: 187.201+/-0.063 χ^2/NDF : 884090.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 176.892+/-0.041 χ^2/NDF : 2385351.6/25

asym_bcm_dg_ds_an_us_dd_mean vs Slug, Sign Corrected



Right In: 1.222+/-7.871 χ^2/NDF : 7.2/11

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

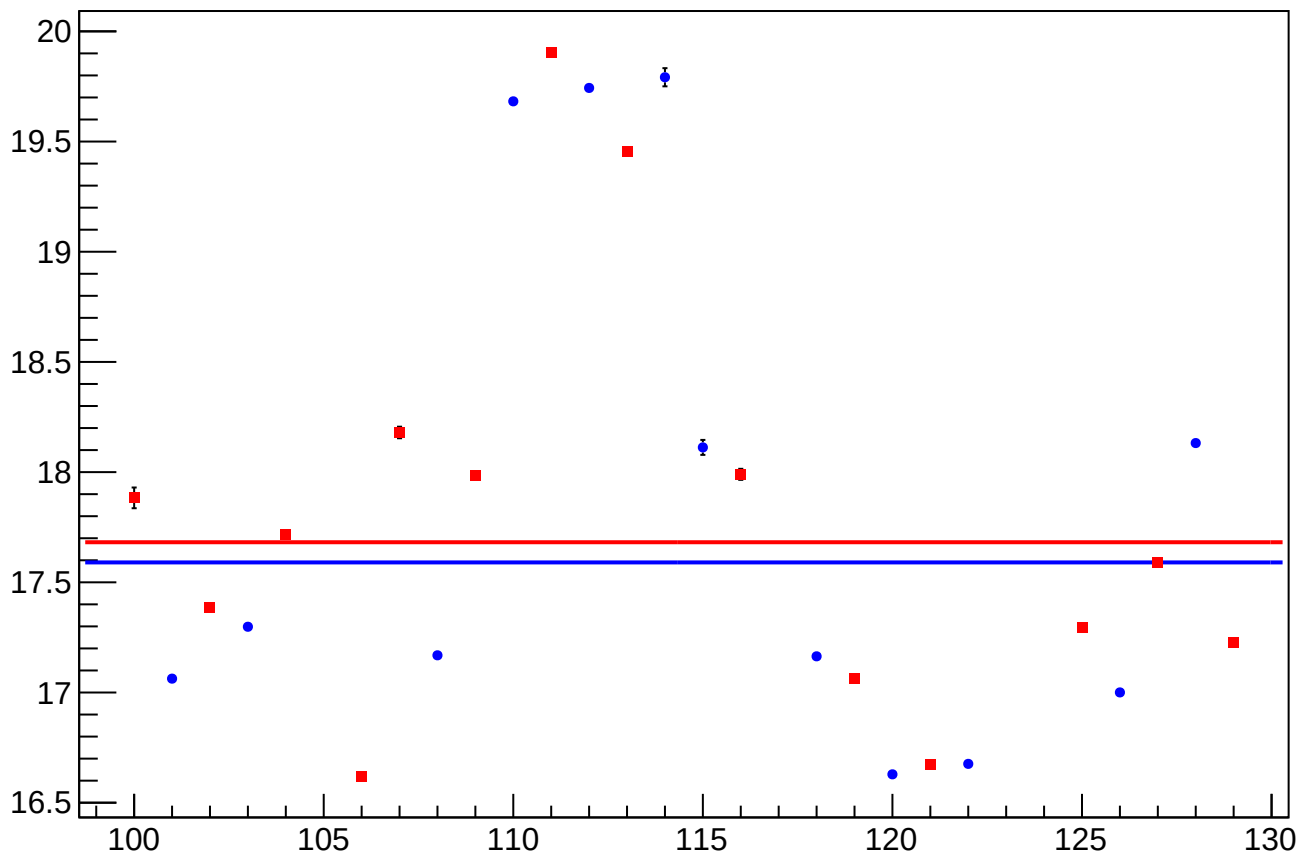
Right: -5.162+/-5.375 χ^2/NDF : 15.4/25

In: 1.222+/-7.871 χ^2/NDF : 7.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.162+/-5.375 χ^2/NDF : 15.4/25

asym_bcm_dg_ds_an_us_dd_rms vs Slug, Sign Corrected



Right In: 17.590+/-0.006 χ^2/NDF : 32938.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.682+/-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

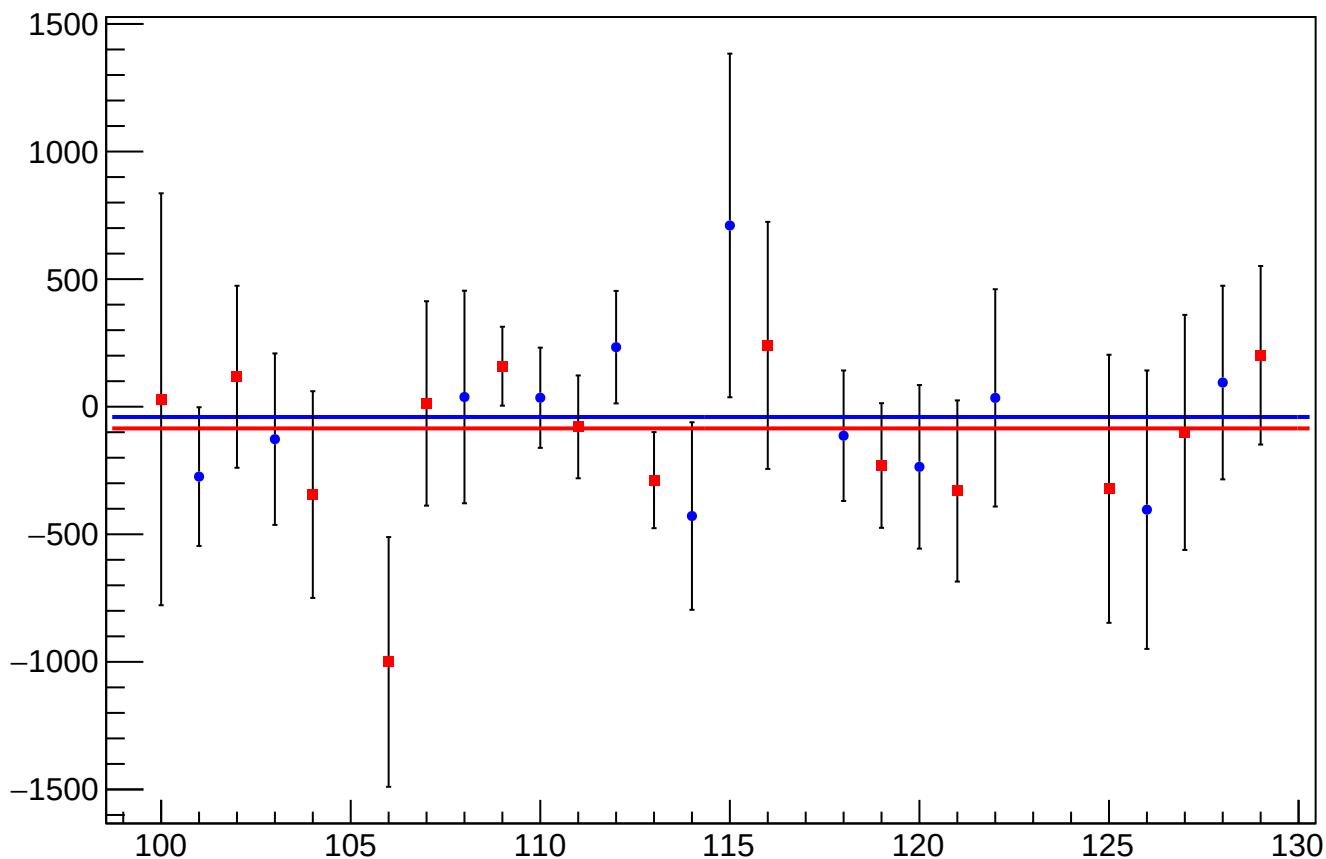
Right: 17.639+/-0.004 χ^2/NDF : 61703.0/25

In: 17.590+/-0.006 χ^2/NDF : 32938.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.639+/-0.004 χ^2/NDF : 61703.0/25

asym_bcm_dg_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -40.316 ± 89.394 χ^2/NDF : 5.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

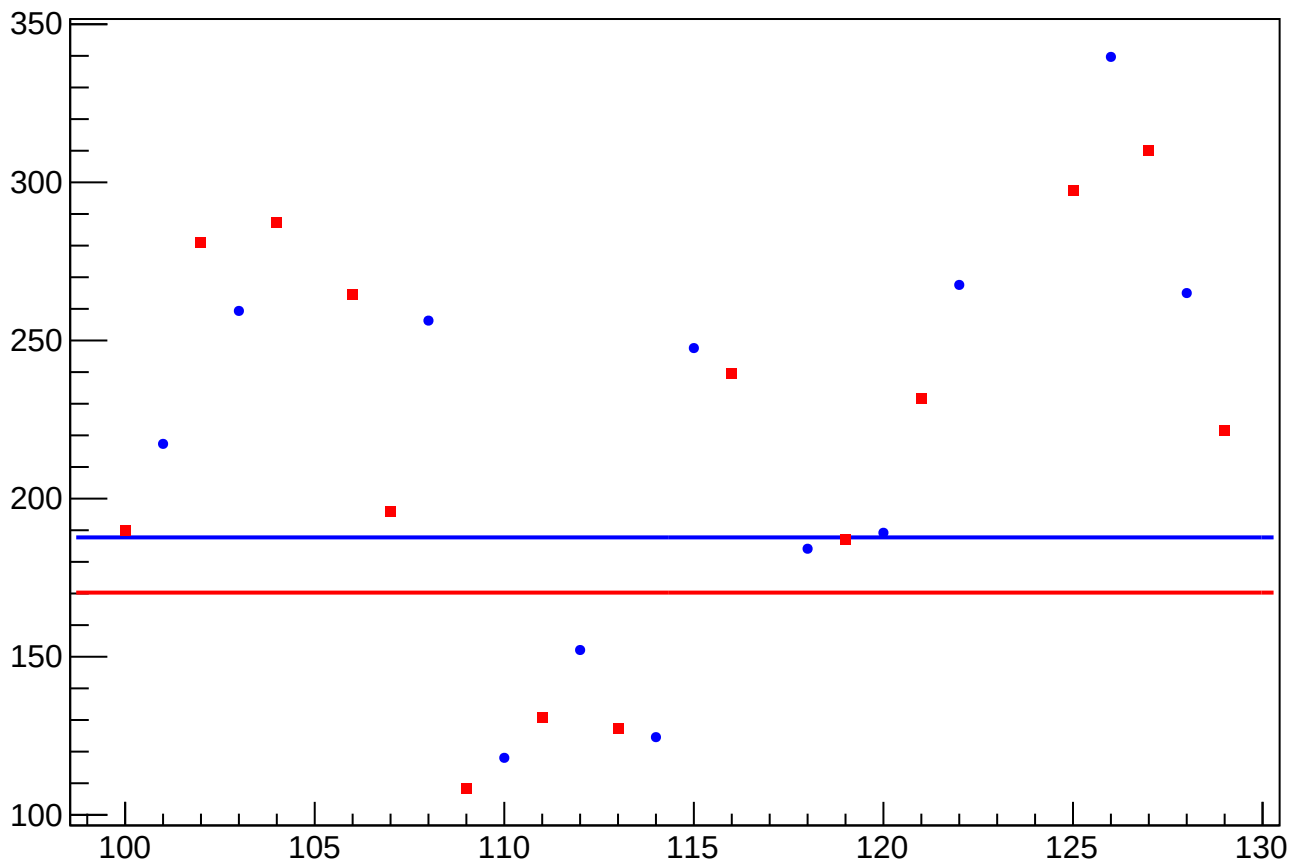
Right: -65.810 ± 58.604 χ^2/NDF : 16.2/25

In: -40.316 ± 89.394 χ^2/NDF : 5.9/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -65.810 ± 58.604 χ^2/NDF : 16.2/25

asym_bcm_dg_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 187.738+/-0.063 χ^2/NDF : 856469.4/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

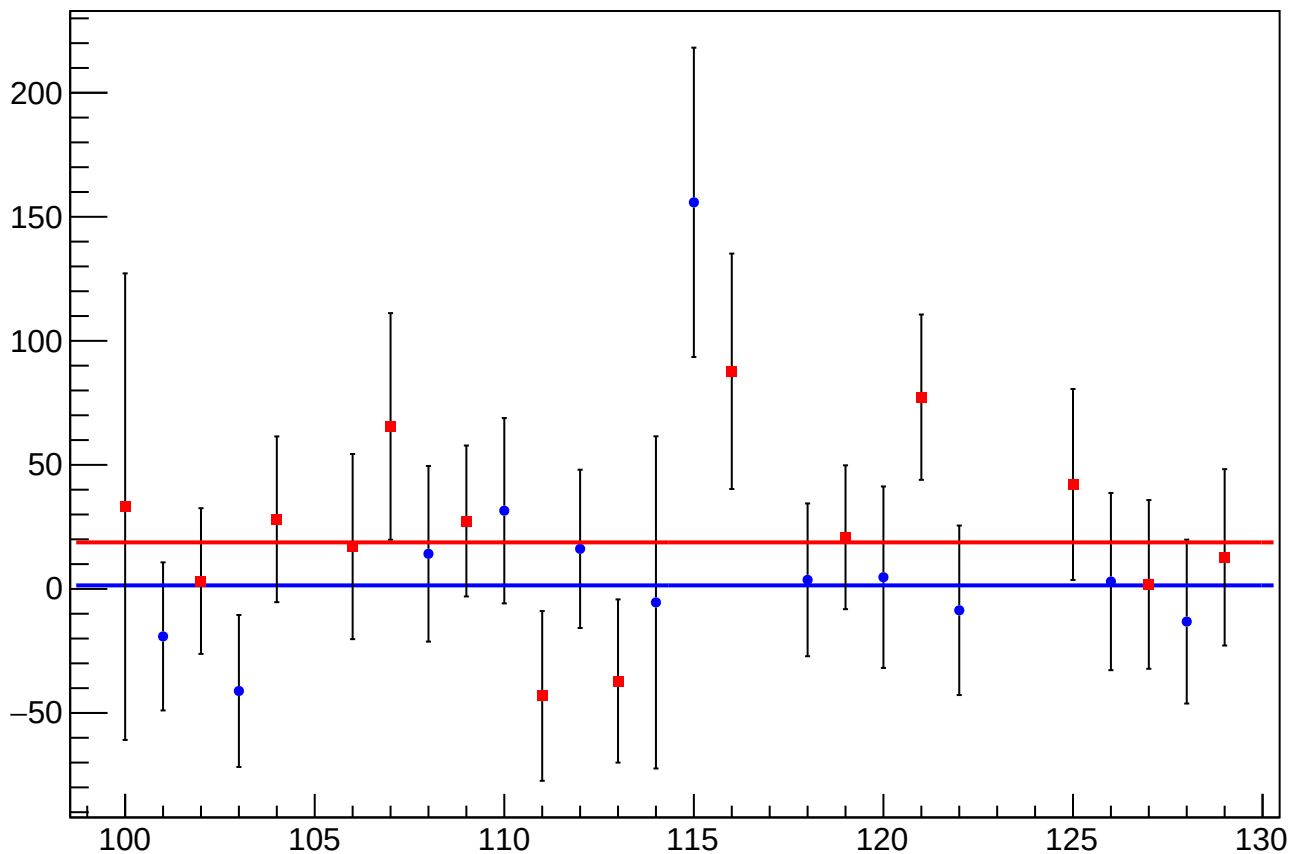
Right: 177.783+/-0.041 χ^2/NDF : 2300615.3/25

In: 187.738+/-0.063 χ^2/NDF :856469.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 177.783+/-0.041 χ^2/NDF : 2300615.3/25

asym_bcm_dg_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: 1.427+/-10.246 χ^2/NDF : 9.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

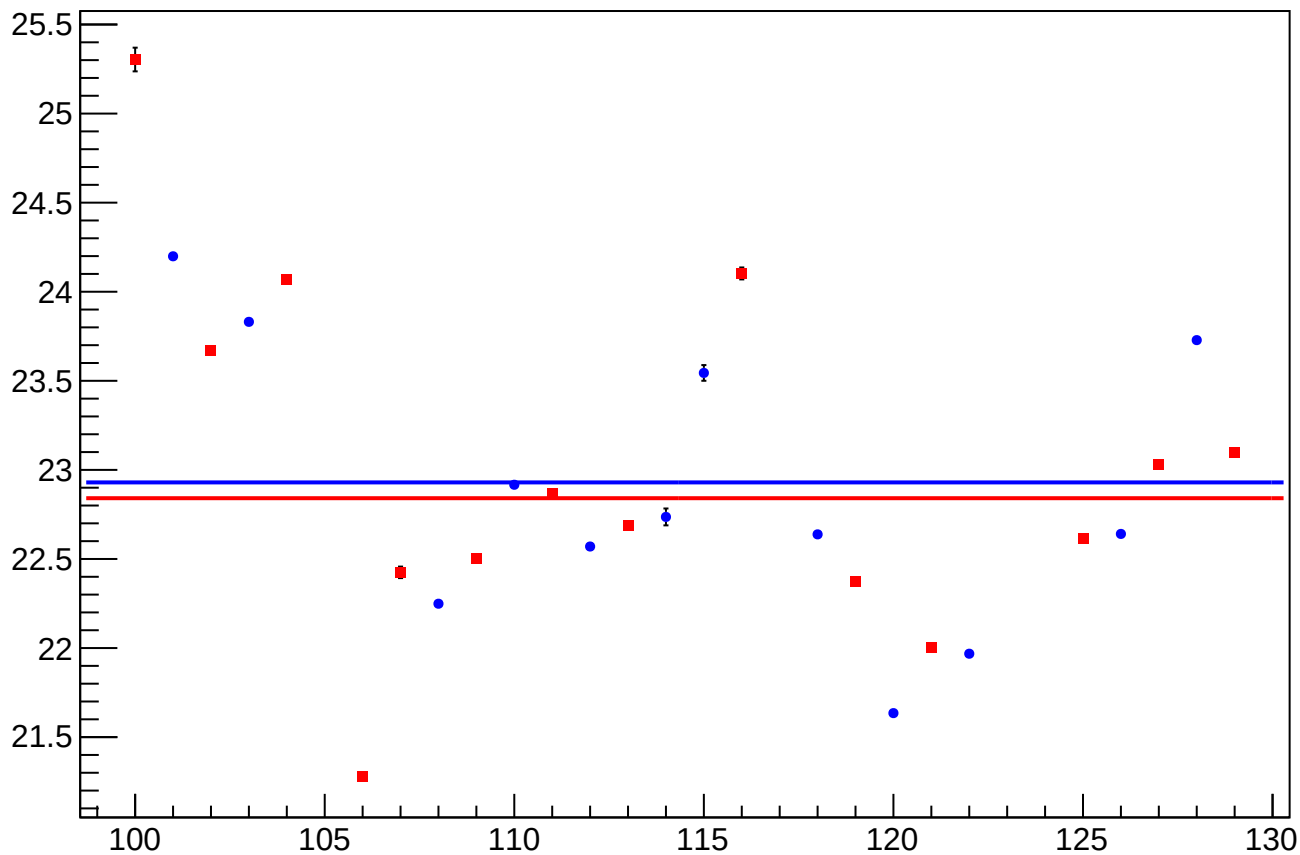
Right: 10.754+/-6.965 χ^2/NDF : 24.9/25

In: 1.427+/-10.246 χ^2/NDF : 9.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.754+/-6.965 χ^2/NDF : 24.9/25

asym_bcm_dg_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 22.930 $\pm$ 0.007 χ^2 /NDF: 12125.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 22.841 $\pm$ 0.007 χ^2 /NDF: 13040.6/13

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

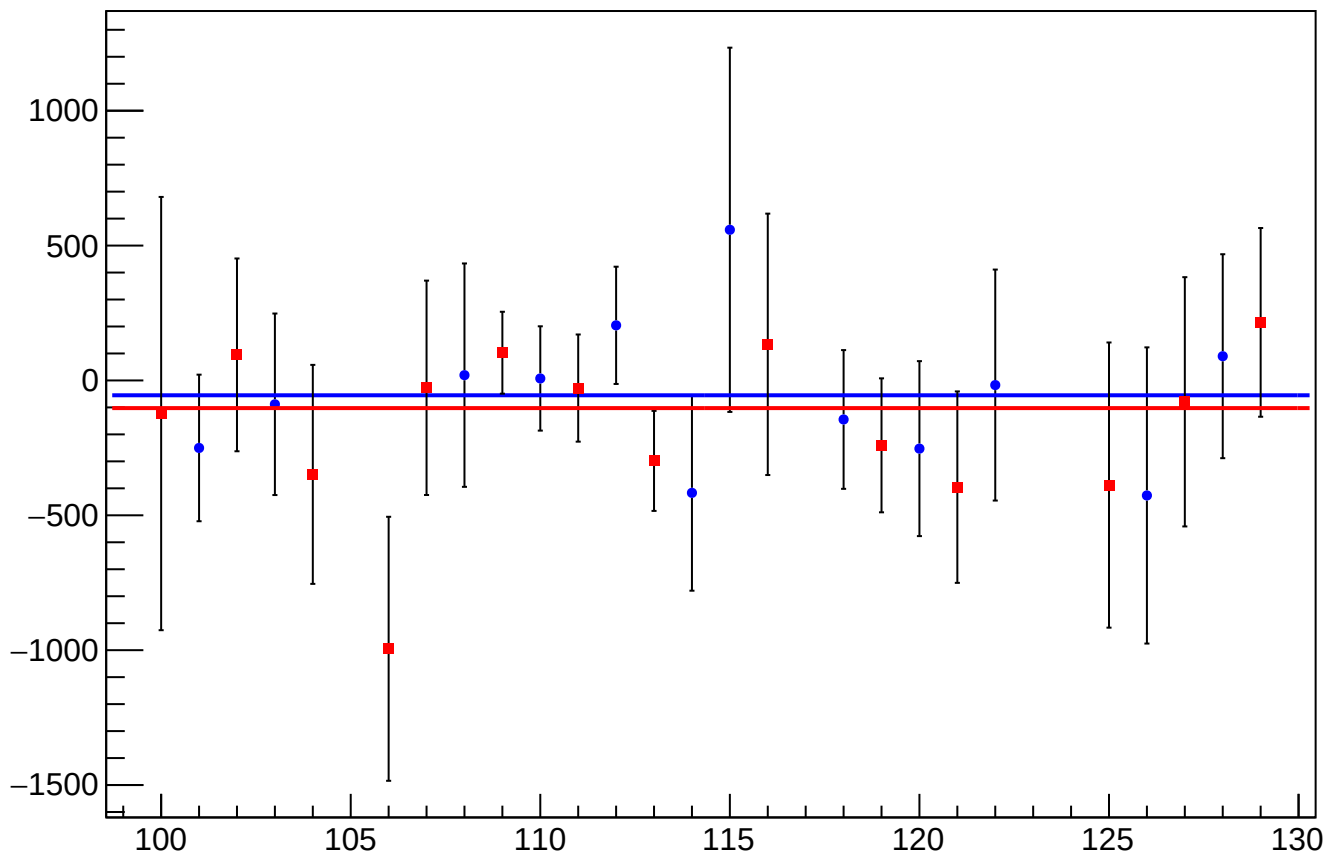
Right: 22.882 $\pm$ 0.005 χ^2 /NDF: 25246.5/25

In: 22.930 $\pm$ 0.007 χ^2 /NDF:12125.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 22.882 $\pm$ 0.005 χ^2 /NDF: 25246.5/25

asym_bcm_dg_ds_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -55.001 ± 88.981 χ^2/NDF : 5.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -102.553 ± 77.013 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

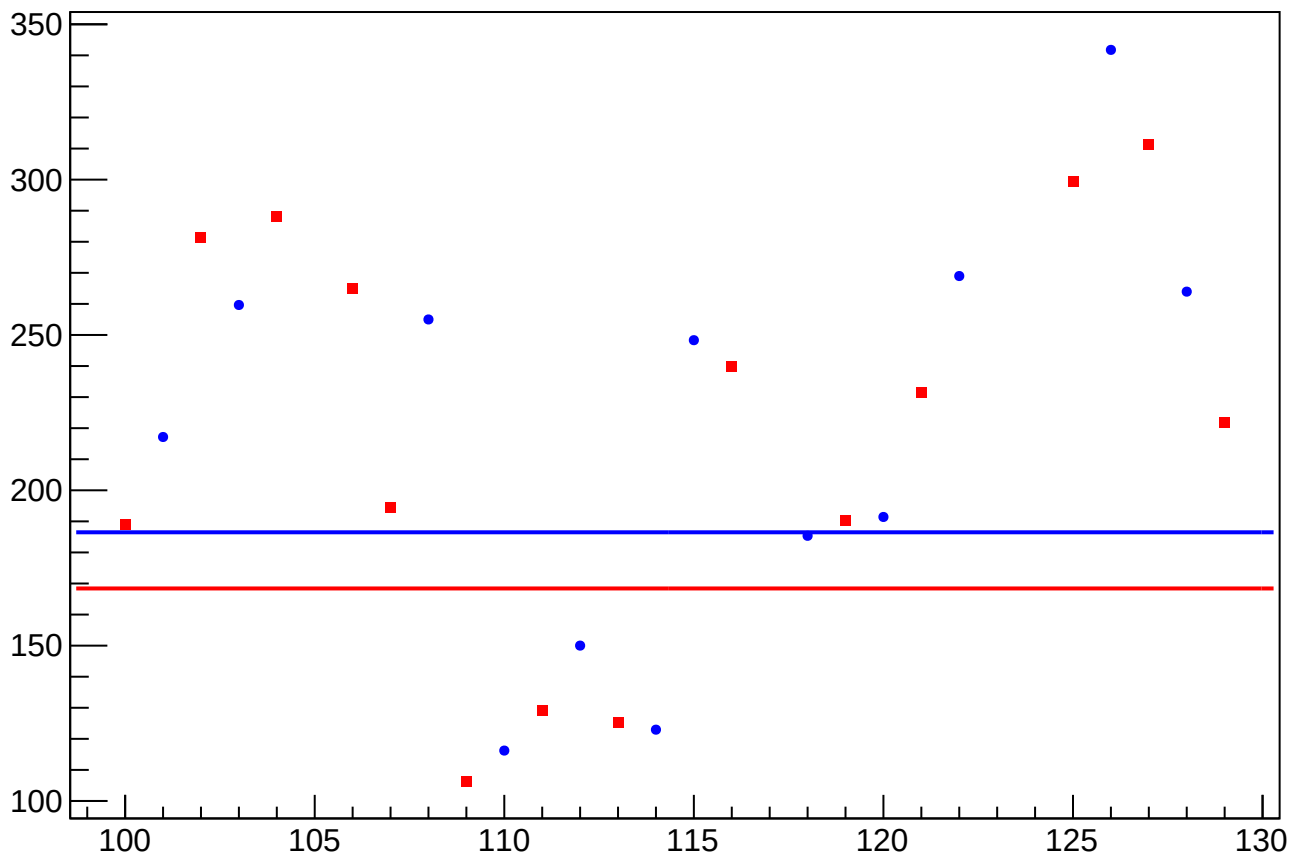
Right: -82.188 ± 58.232 χ^2/NDF : 14.6/25

In: -55.001 ± 88.981 χ^2/NDF : 5.0/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -82.188 ± 58.232 χ^2/NDF : 14.6/25

asym_bcm_dg_ds_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 186.484+/-0.063 χ^2/NDF : 891924.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

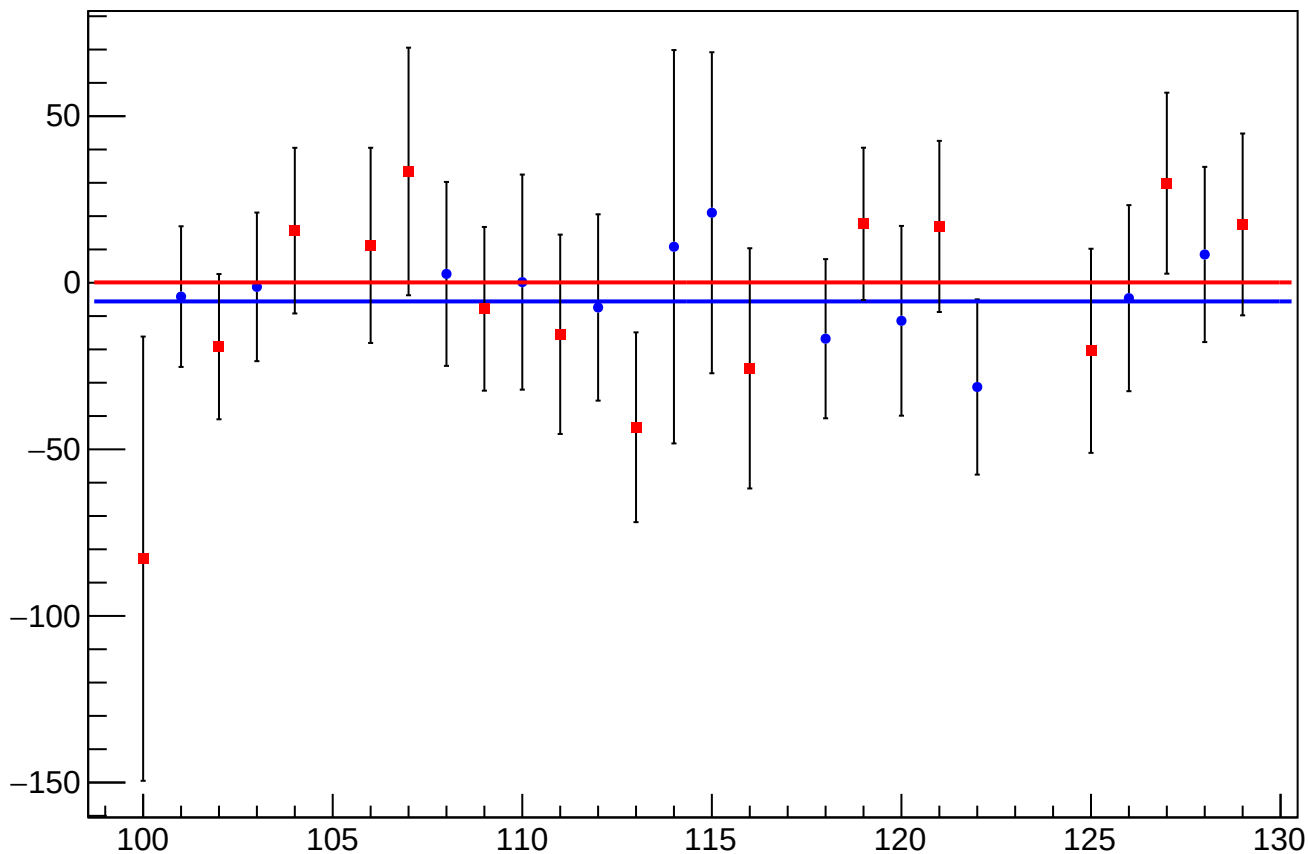
Right: 176.148+/-0.041 χ^2/NDF : 2404517.4/25

In: 186.484+/-0.063 χ^2/NDF : 891924.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 176.148+/-0.041 χ^2/NDF : 2404517.4/25

asym_bcm_dg_ds_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -5.599 $\pm$ 7.985 χ^2 /NDF: 2.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.105 $\pm$ 7.493 χ^2 /NDF: 10.0/13

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

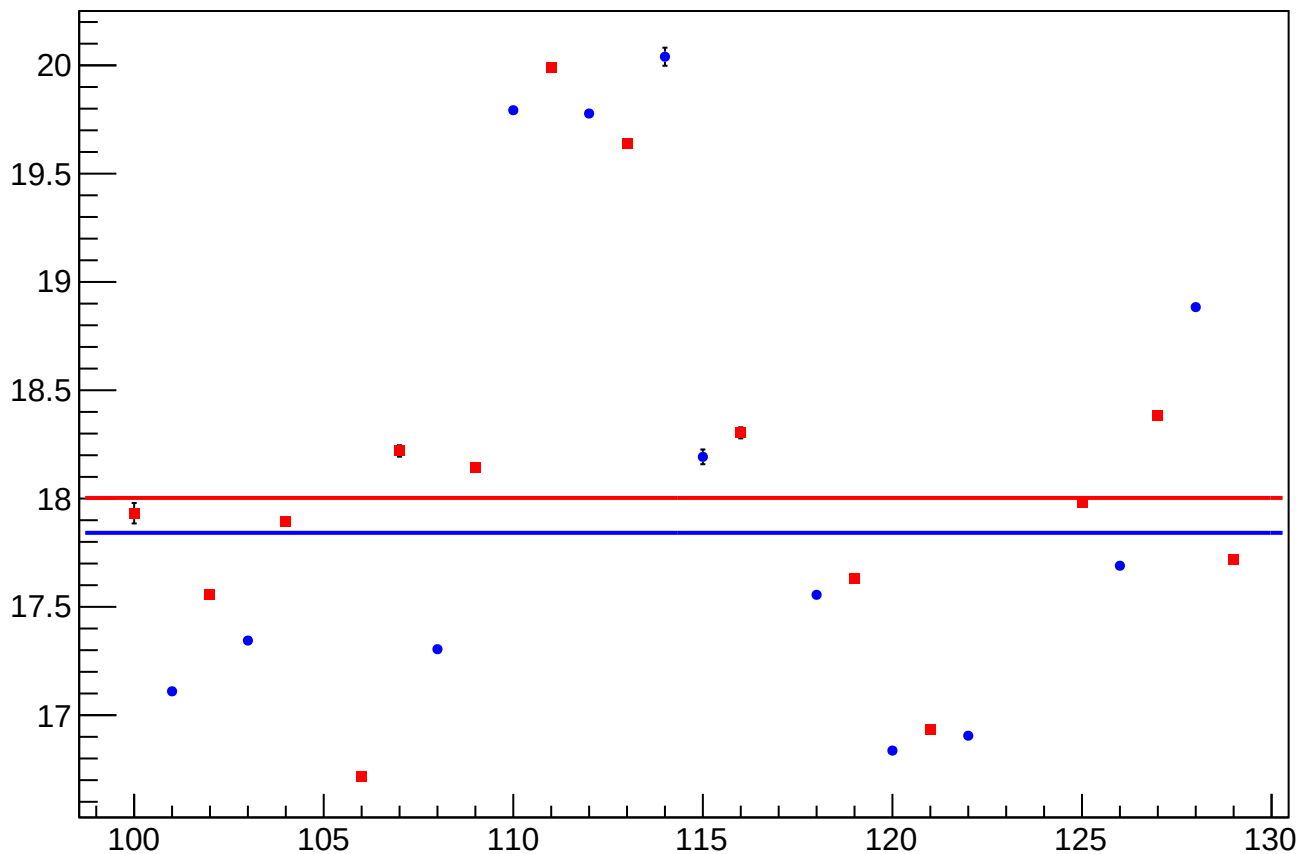
Right: -2.566 $\pm$ 5.464 χ^2 /NDF: 12.3/25

In: -5.599 $\pm$ 7.985 χ^2 /NDF:2.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.566 $\pm$ 5.464 χ^2 /NDF: 12.3/25

asym_bcm_dg_ds_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 17.842+/-0.006 χ^2/NDF : 32440.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.003+/-0.005 χ^2/NDF : 25021.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

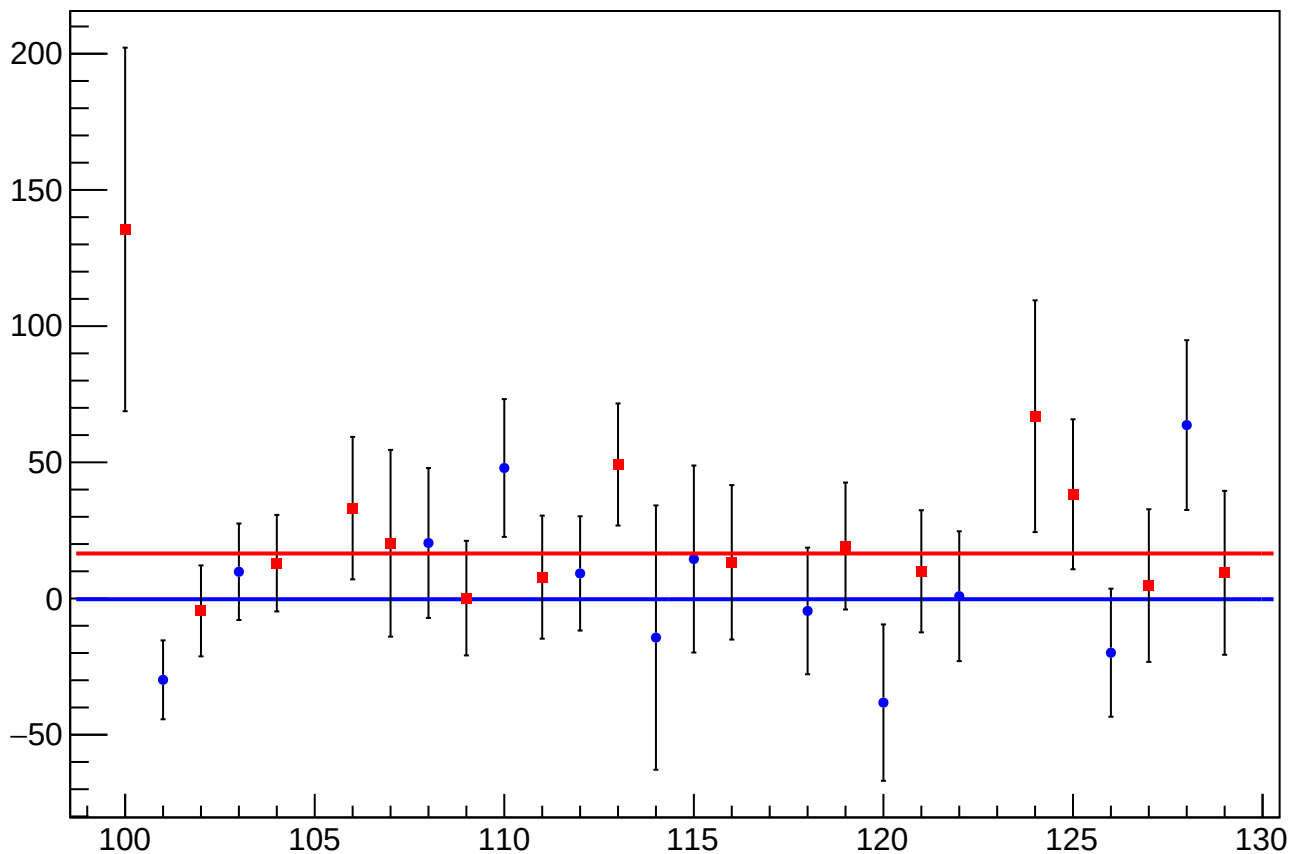
Right: 17.927+/-0.004 χ^2/NDF : 57895.4/25

In: 17.842+/-0.006 χ^2/NDF : 32440.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.927+/-0.004 χ^2/NDF : 57895.4/25

diff_bpm_4aX_4acX_avg_mean vs Slug, Sign Corrected



Right In: -0.257 ± 6.735 χ^2/NDF : 15.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 16.535 ± 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

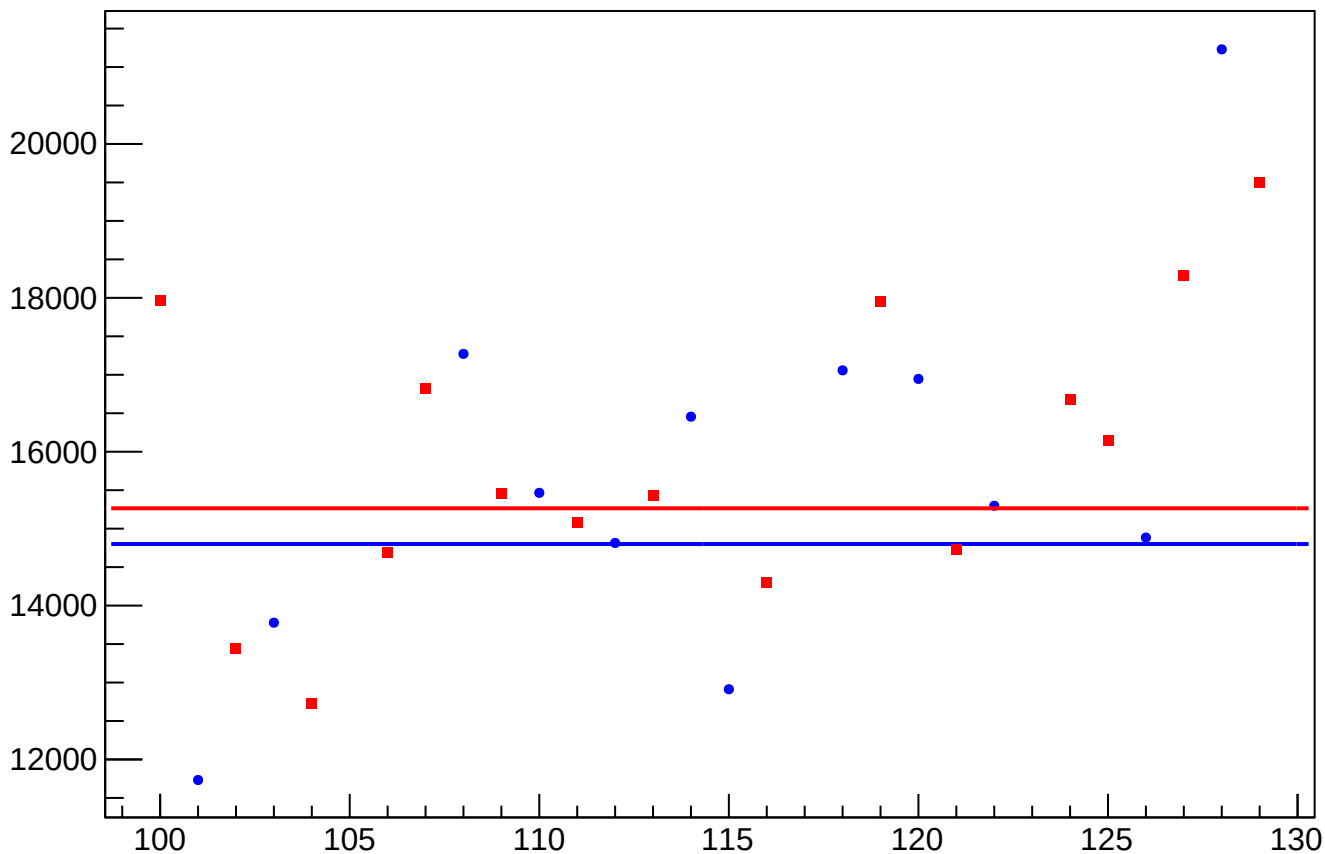
Right: 8.641 ± 4.618 χ^2/NDF : 29.6/26

In: -0.257 ± 6.735 χ^2/NDF : 15.9/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 8.641 ± 4.618 χ^2/NDF : 29.6/26

diff_bpm_4aX_4acX_avg_rms vs Slug, Sign Corrected



Right In: 14799.996+/-4.762 χ^2/NDF : 238296.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

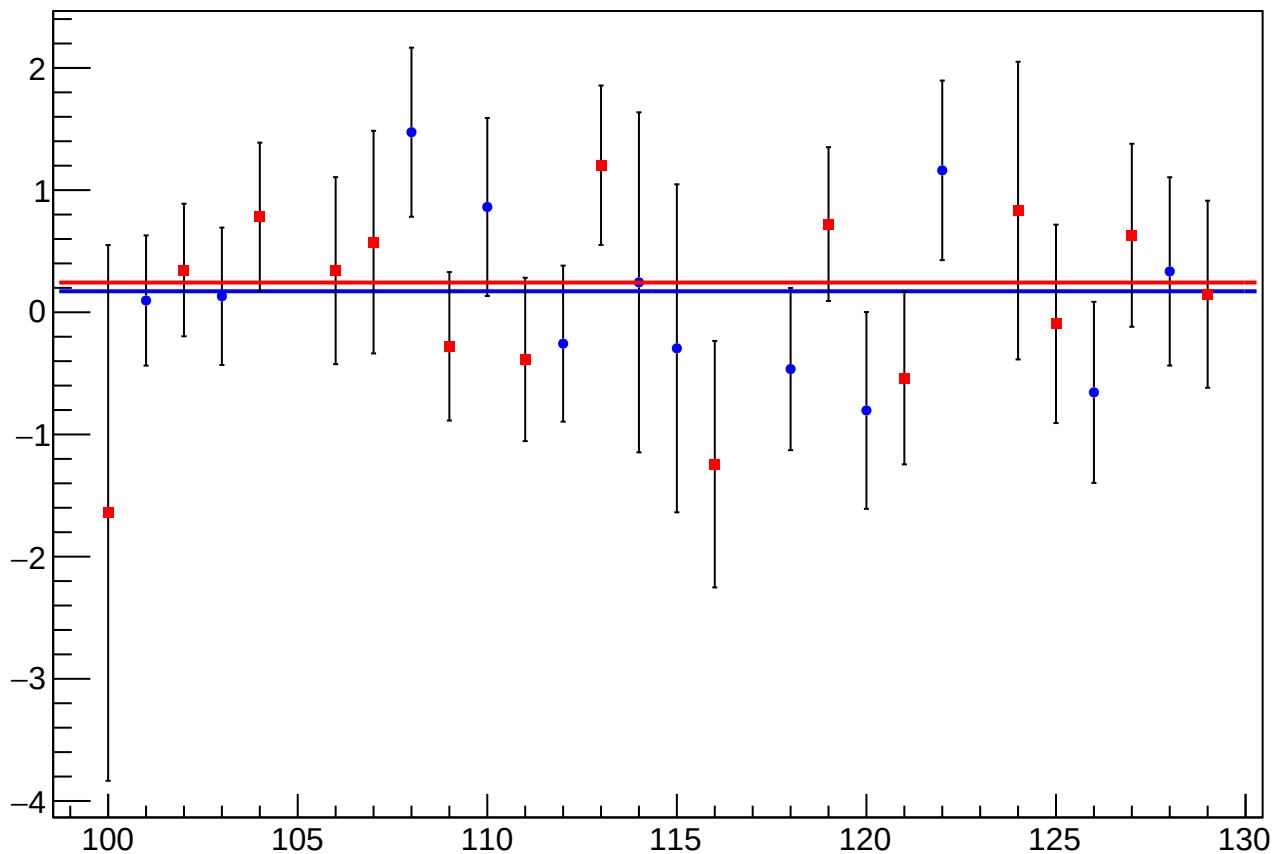
Right: 15046.055+/-3.265 χ^2/NDF : 414493.5/26

In: 14799.996+/-4.762 χ^2/NDF : 238296.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15046.055+/-3.265 χ^2/NDF : 414493.5/26

diff_bpm_4aX_4acX_dd_mean vs Slug, Sign Corrected



Right In: 0.172 $\pm$ 0.207 χ^2 /NDF: 10.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.244 $\pm$ 0.190 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

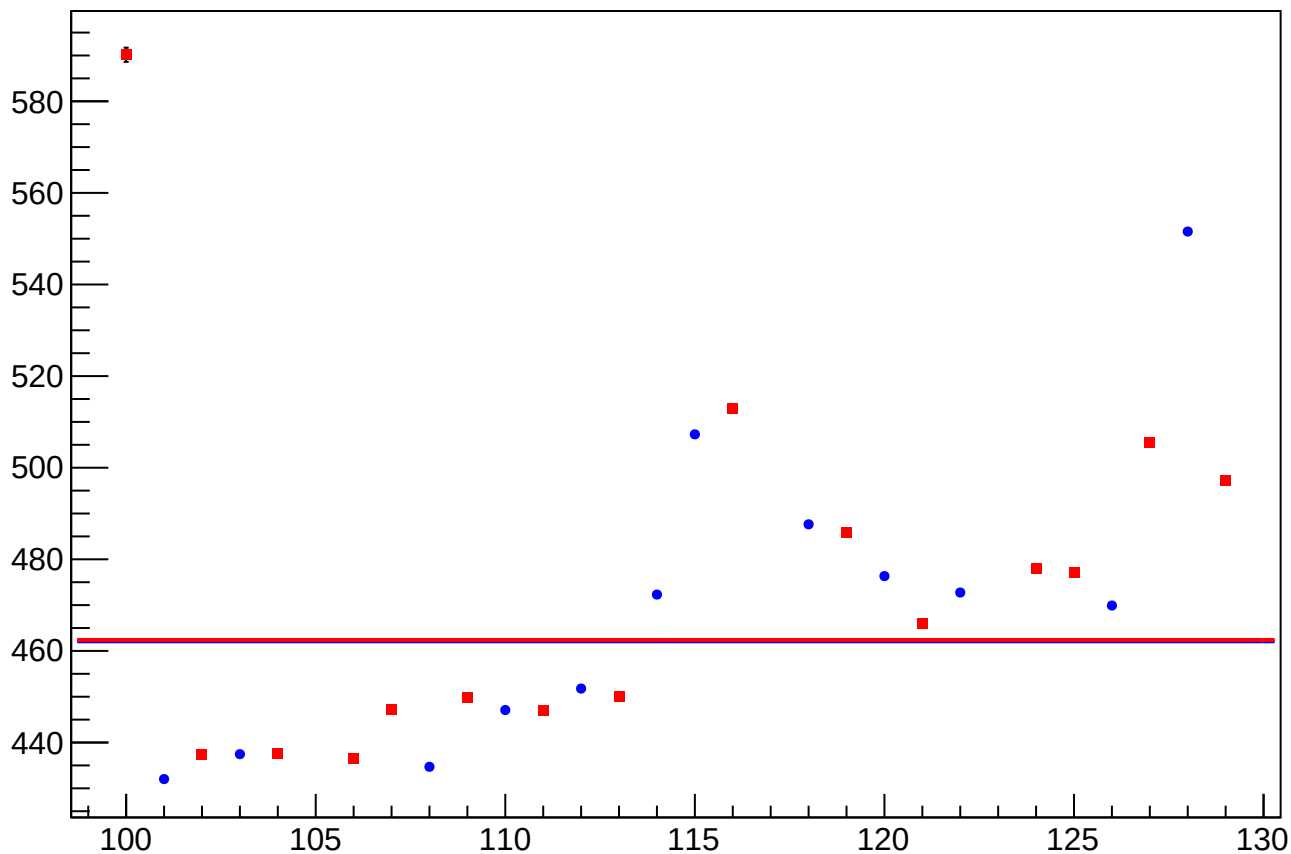
Right: 0.211 $\pm$ 0.140 χ^2 /NDF: 20.8/26

In: 0.172 $\pm$ 0.207 χ^2 /NDF:10.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.211 $\pm$ 0.140 χ^2 /NDF: 20.8/26

diff_bpm_4aX_4acX_dd_rms vs Slug, Sign Corrected



Right In: 462.105+/-0.146 χ^2/NDF : 48272.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

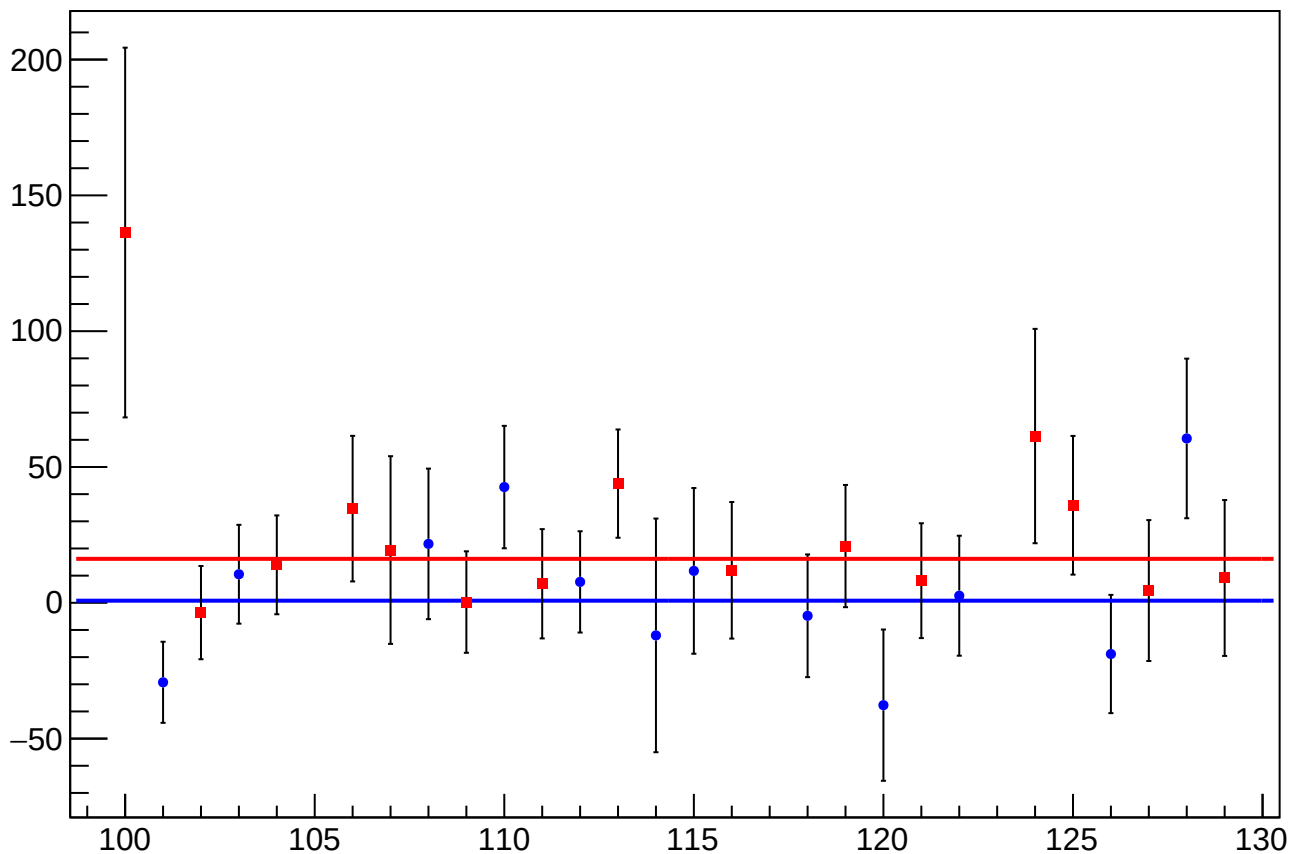
Right: 462.258+/-0.099 χ^2/NDF : 87667.7/26

In: 462.105+/-0.146 χ^2/NDF : 48272.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 462.258+/-0.099 χ^2/NDF : 87667.7/26

diff_bpm_4aX_4eX_avg_mean vs Slug, Sign Corrected



Right In: 0.775+/-6.477 χ^2/NDF : 15.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.183+/-6.043 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

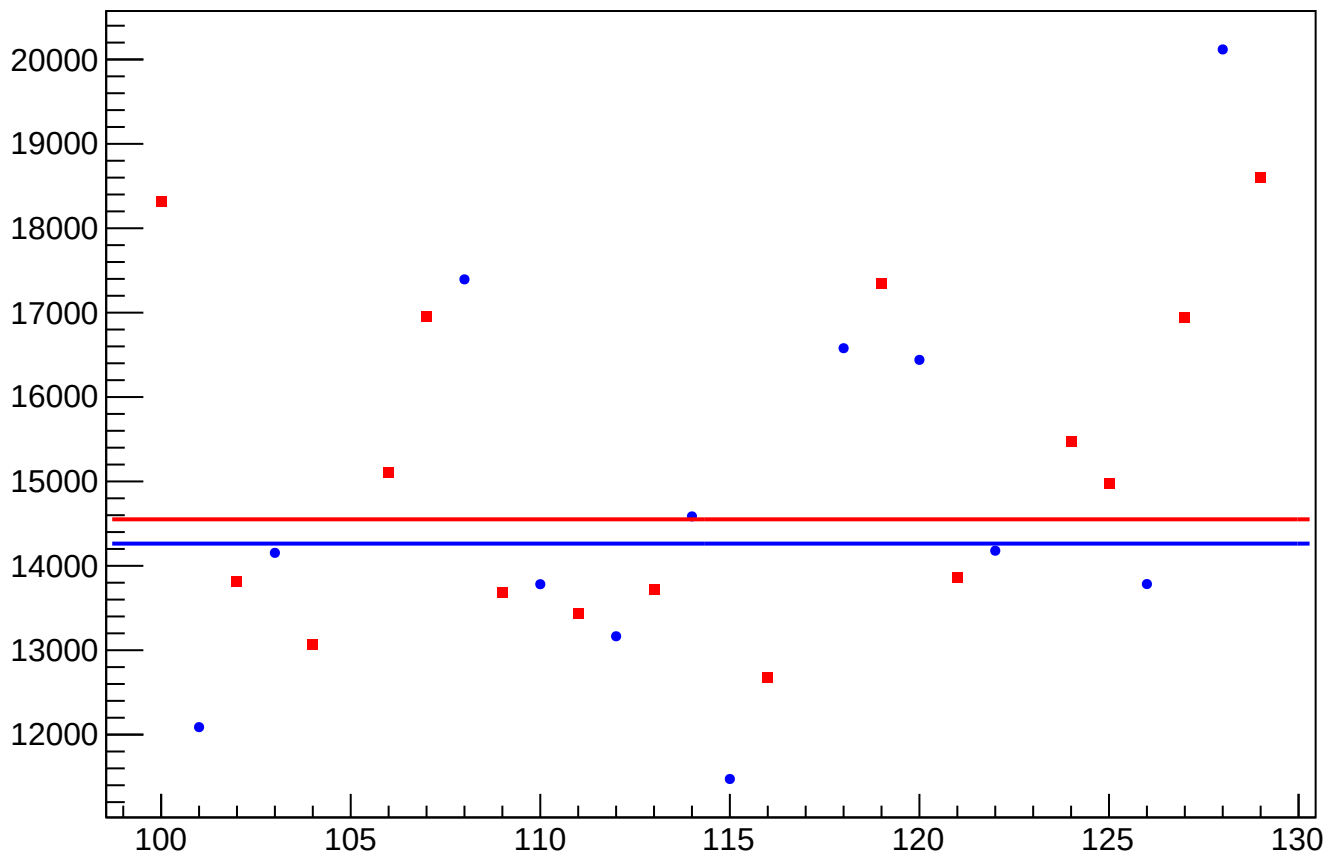
Right: 9.012+/-4.418 χ^2/NDF : 28.9/26

In: 0.775+/-6.477 χ^2/NDF : 15.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.012+/-4.418 χ^2/NDF : 28.9/26

diff_bpm_4aX_4eX_avg_rms vs Slug, Sign Corrected



Right In: 14263.333+/-4.580 χ^2/NDF : 206388.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

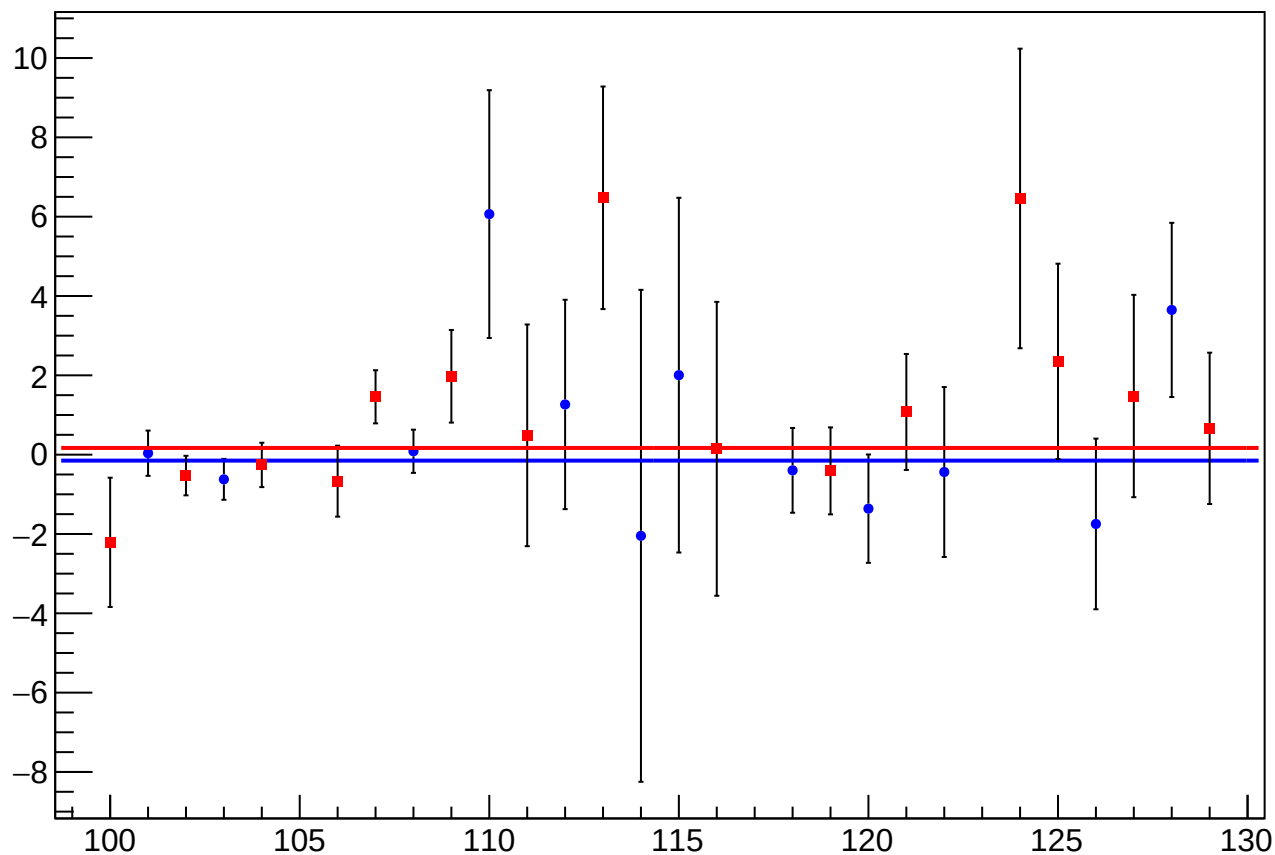
Right: 14417.145+/-3.124 χ^2/NDF : 358843.2/26

In: 14263.333+/-4.580 χ^2/NDF : 206388.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14417.145+/-3.124 χ^2/NDF : 358843.2/26

diff_bpm_4aX_4eX_dd_mean vs Slug, Sign Corrected



Right In: -0.150+/-0.282 χ^2/NDF : 10.1/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.169+/-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

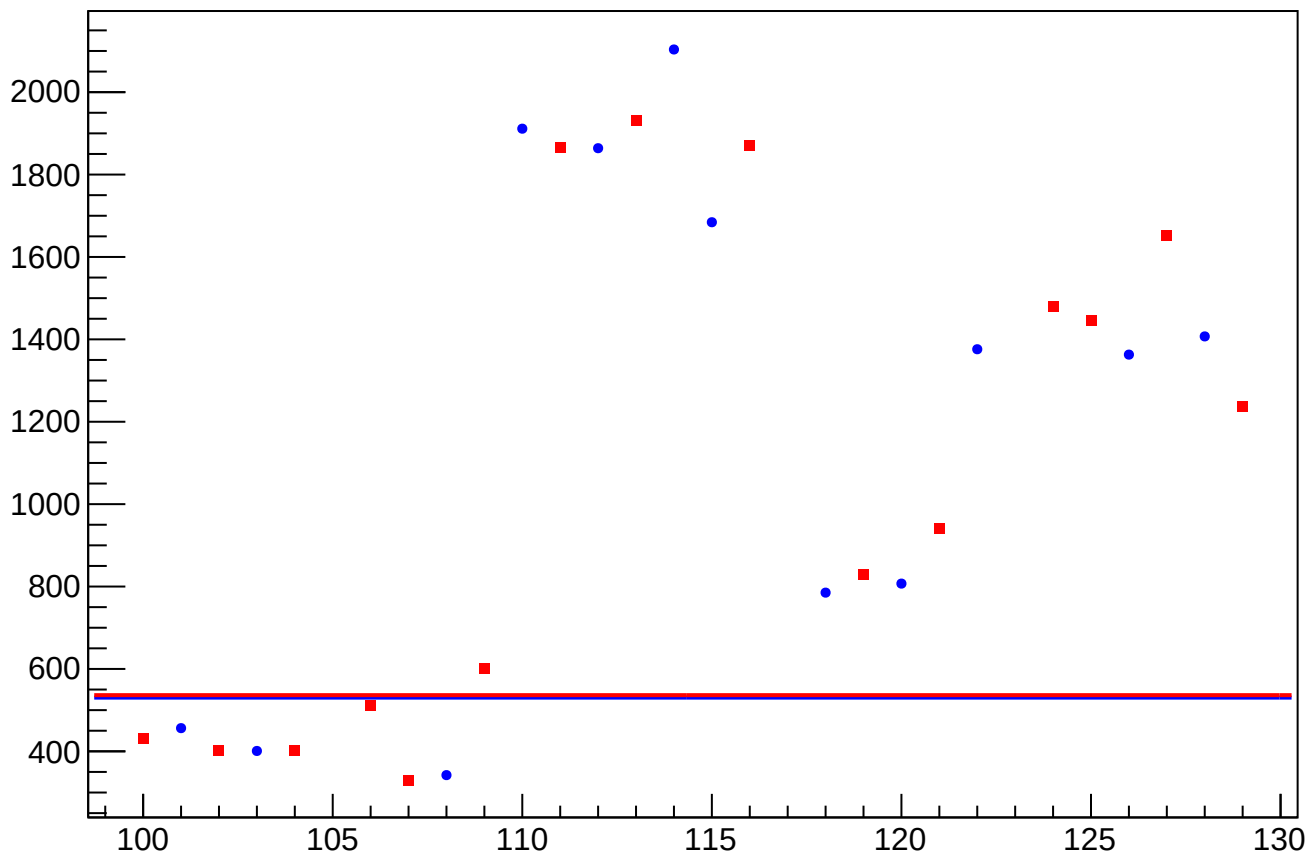
Right: 0.019+/-0.194 χ^2/NDF : 32.1/26

In: -0.150+/-0.282 χ^2/NDF :10.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.019+/-0.194 χ^2/NDF : 32.1/26

diff_bpm_4aX_4eX_dd_rms vs Slug, Sign Corrected



Right In: 530.399+/-0.199 χ^2/NDF : 2687553.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

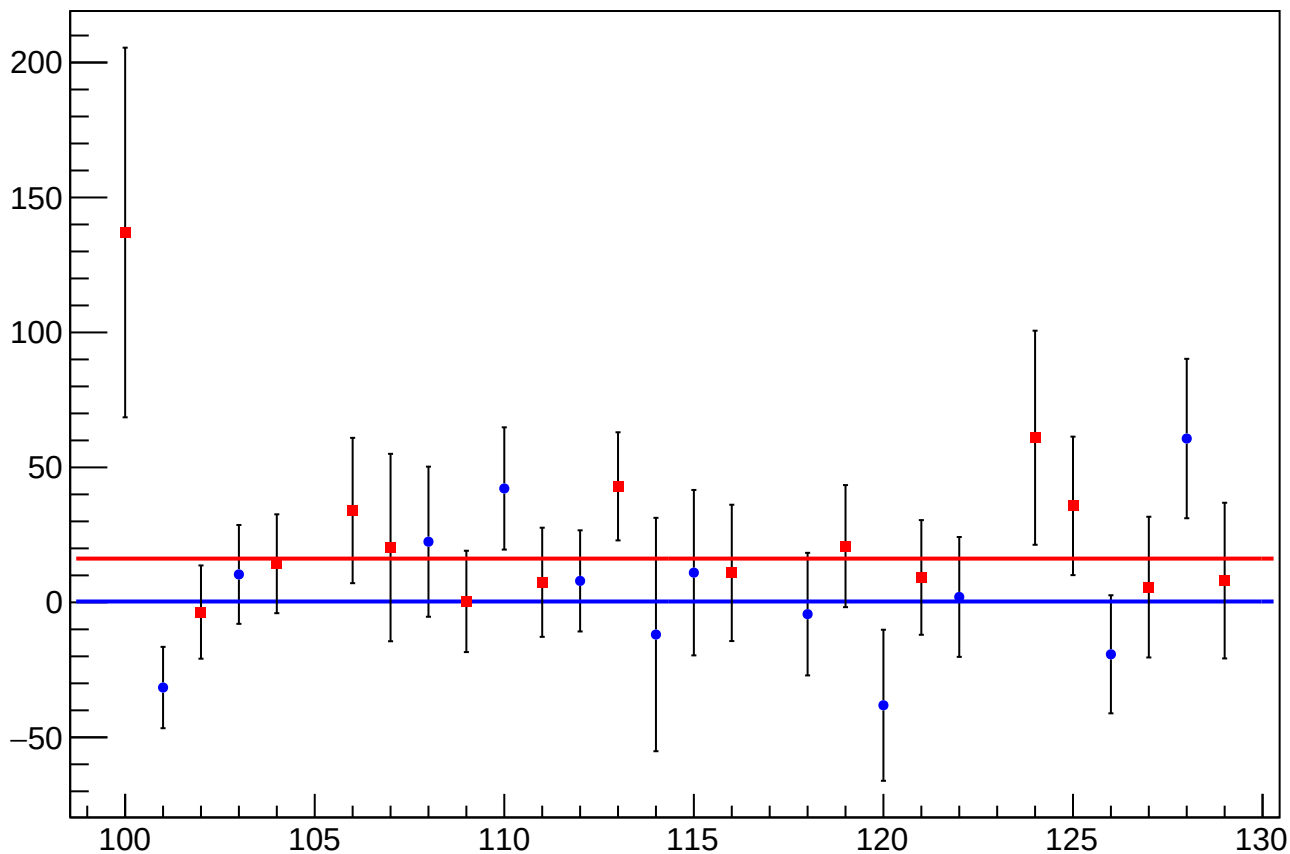
Right: 533.556+/-0.137 χ^2/NDF : 5712467.0/26

In: 530.399+/-0.199 χ^2/NDF : 2687553.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 533.556+/-0.137 χ^2/NDF : 5712467.0/26

diff_bpm_4aX_4ecX_avg_mean vs Slug, Sign Corrected



Right In: 0.321 $\pm$ 6.515 χ^2/NDF : 16.1/11

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

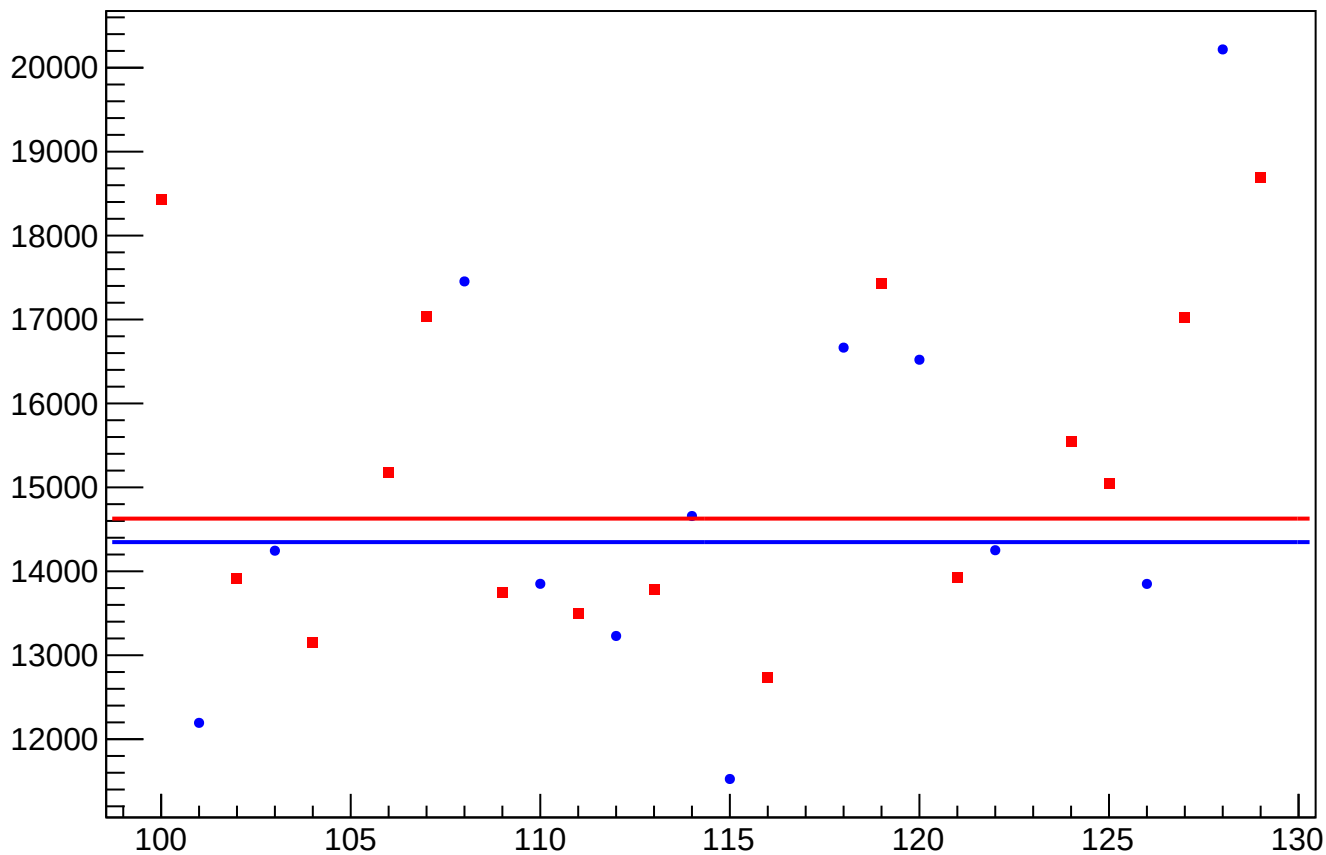
Right: 8.823 $\pm$ 4.443 χ^2/NDF : 29.2/26

In: 0.321 $\pm$ 6.515 χ^2/NDF : 16.1/11

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 8.823 $\pm$ 4.443 χ^2/NDF : 29.2/26

diff_bpm_4aX_4ecX_avg_rms vs Slug, Sign Corrected



Right In: 14347.807+/-4.607 χ^2/NDF : 204008.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

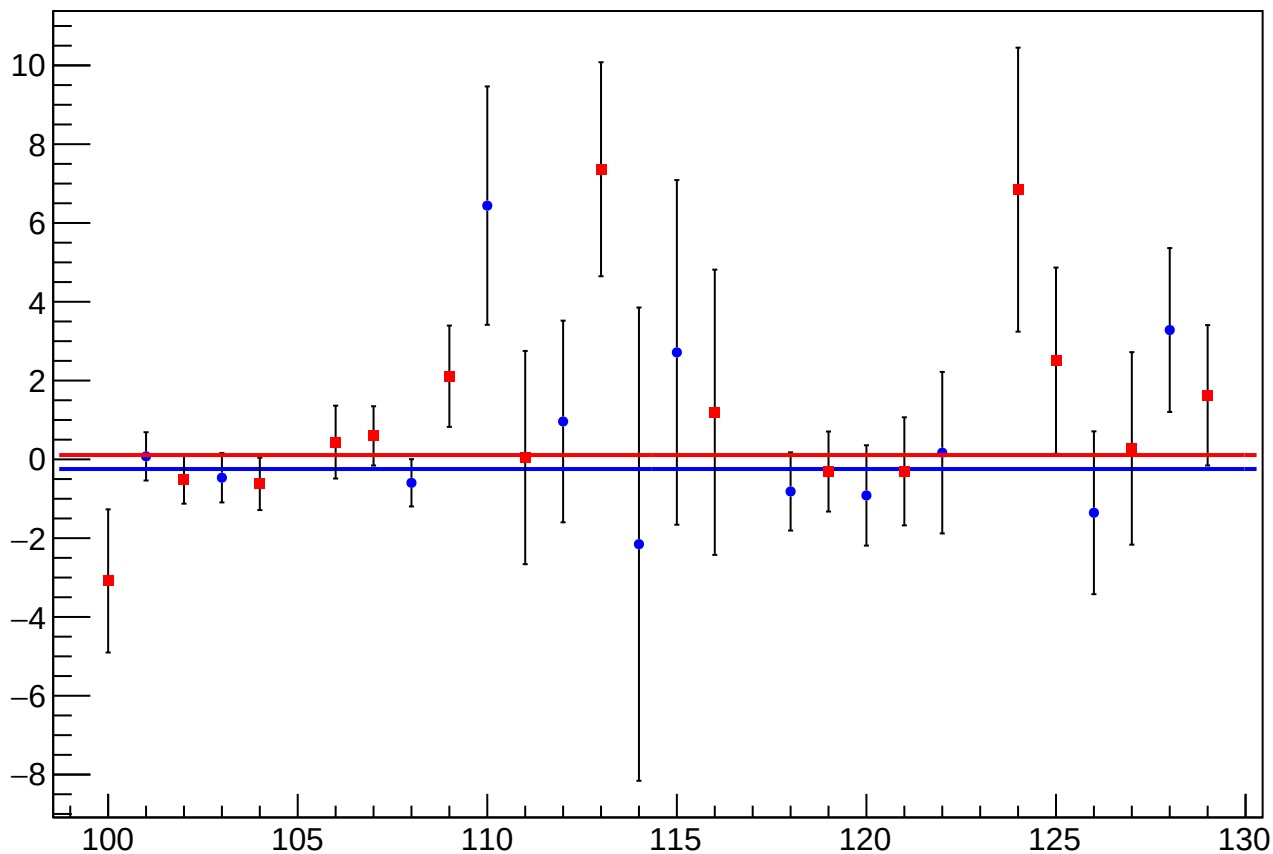
Right: 14497.643+/-3.142 χ^2/NDF : 355754.7/26

In: 14347.807+/-4.607 χ^2/NDF : 204008.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14497.643+/-3.142 χ^2/NDF : 355754.7/26

diff_bpm_4aX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: -0.245+/-0.306 χ^2/NDF : 10.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.110+/-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

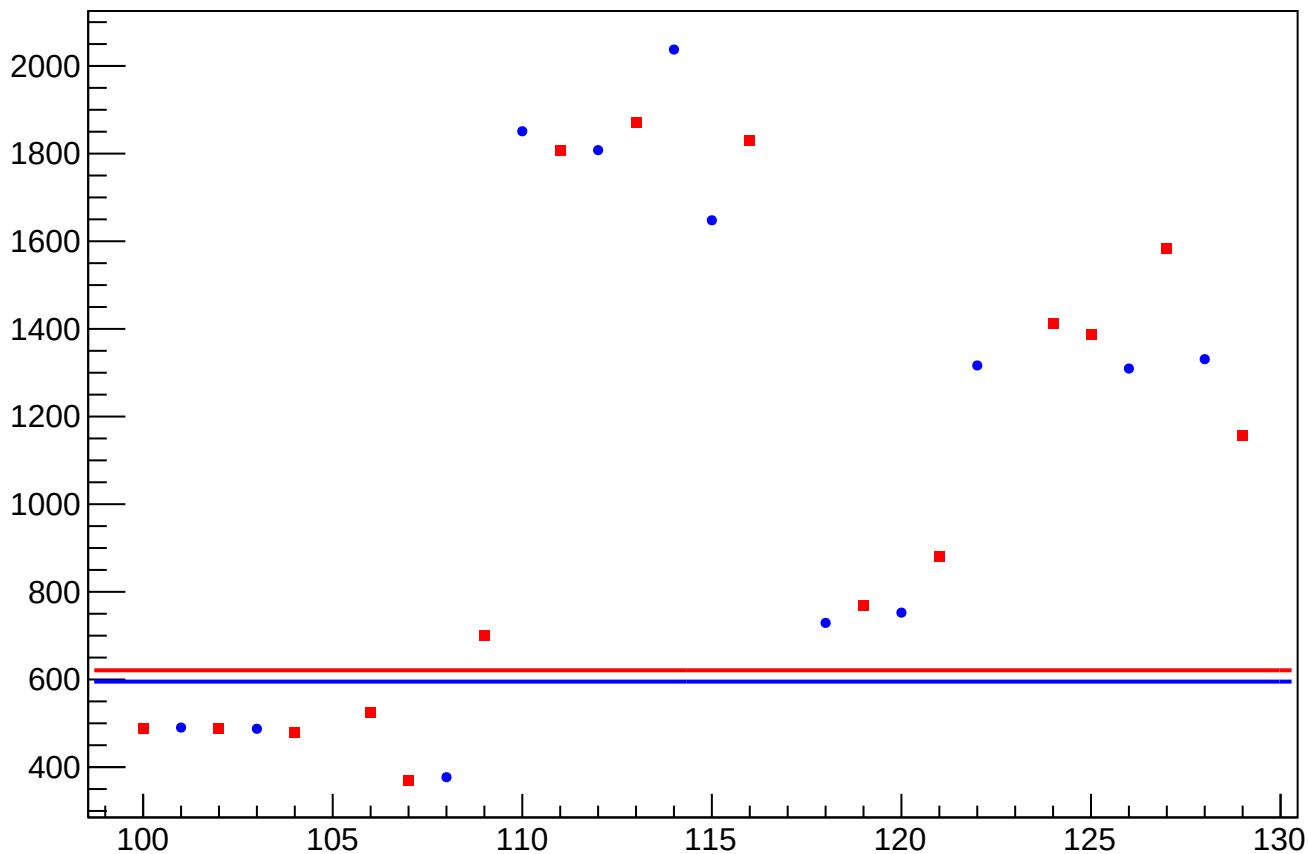
Right: -0.062+/-0.213 χ^2/NDF : 32.0/26

In: -0.245+/-0.306 χ^2/NDF : 10.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.062+/-0.213 χ^2/NDF : 32.0/26

diff_bpm_4aX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 595.168+/-0.217 χ^2/NDF : 2210623.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

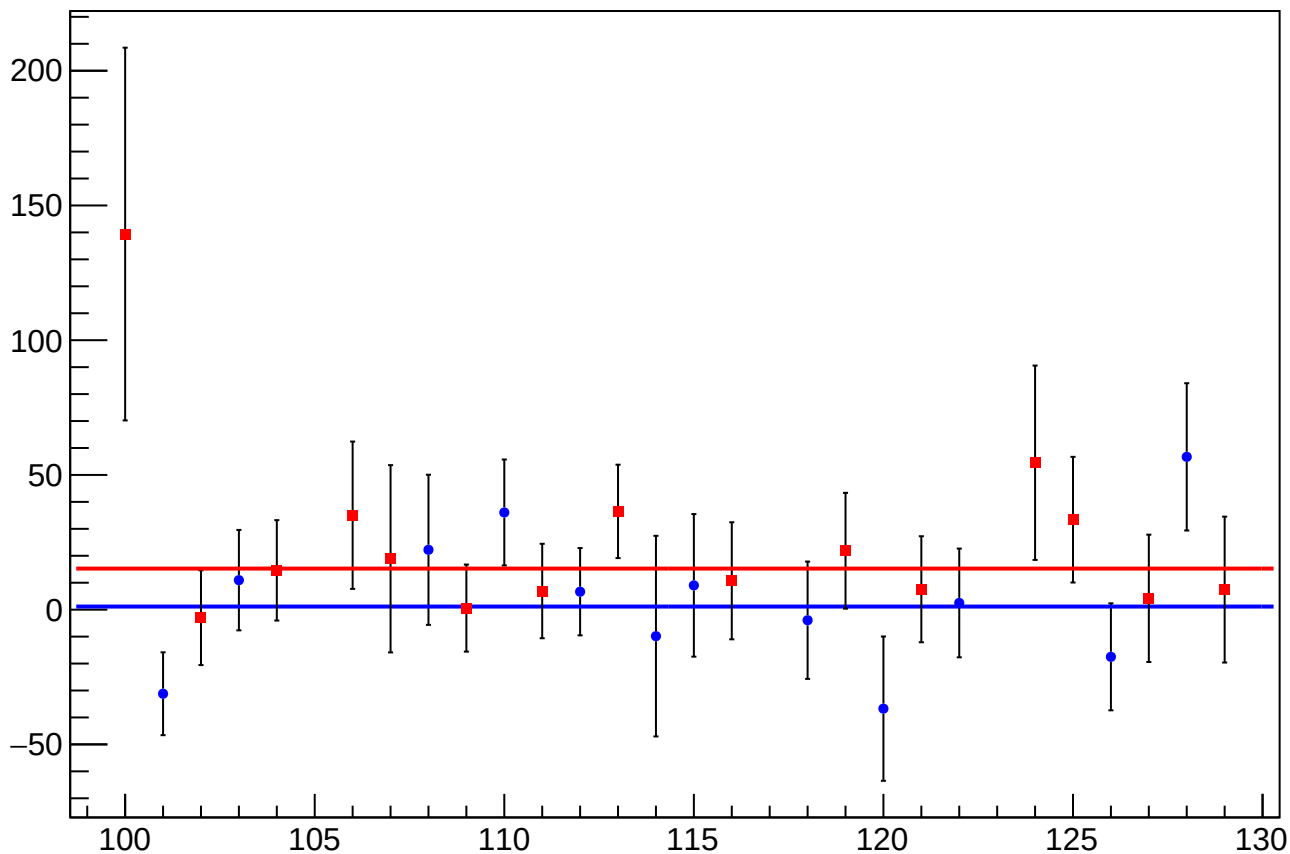
Right: 608.486+/-0.150 χ^2/NDF : 4610232.1/26

In: 595.168+/-0.217 χ^2/NDF : 2210623.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 608.486+/-0.150 χ^2/NDF : 4610232.1/26

diff_bpm_4eX_4ecX_avg_mean vs Slug, Sign Corrected



Right In: 1.152 $\pm$ 6.110 χ^2/NDF : 15.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 15.250 $\pm$ 5.631 χ^2/NDF : 9.8/14

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

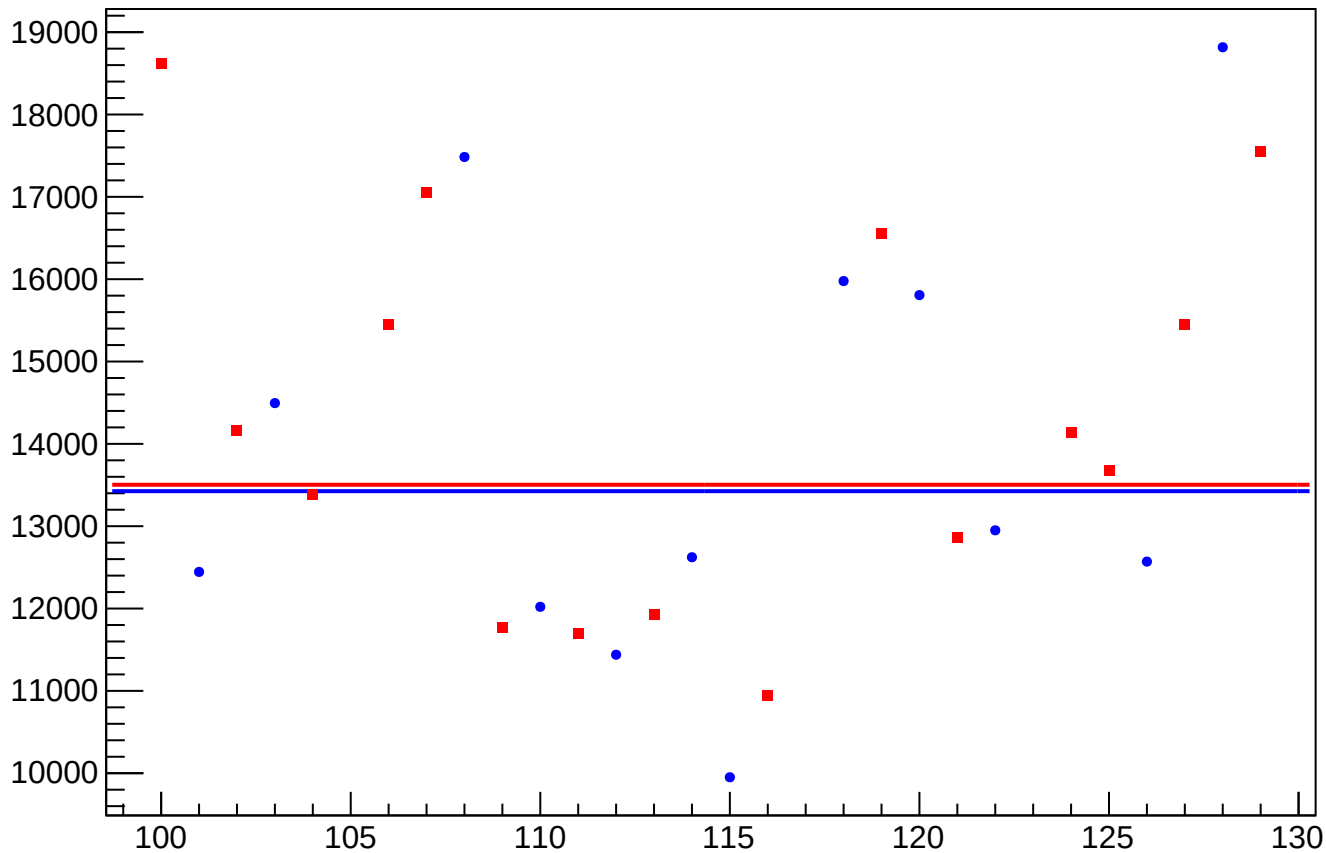
Right: 8.776 $\pm$ 4.141 χ^2/NDF : 28.4/26

In: 1.152 $\pm$ 6.110 χ^2/NDF : 15.8/11

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 8.776 $\pm$ 4.141 χ^2/NDF : 28.4/26

diff_bpm_4eX_4ecX_avg_rms vs Slug, Sign Corrected



Right In: 13425.559+/-4.321 χ^2/NDF : 258838.1/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

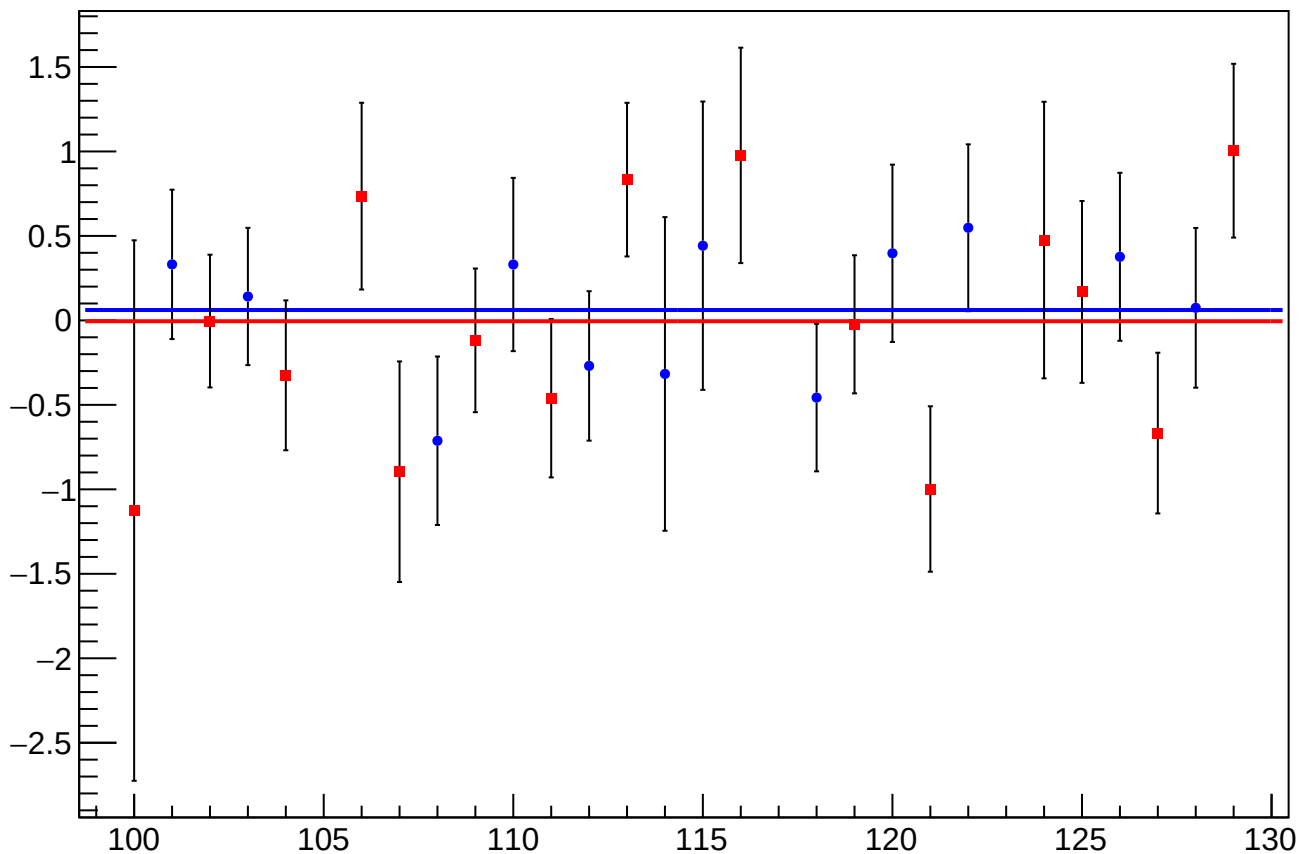
Right: 13467.710+/-2.928 χ^2/NDF : 493826.6/26

In: 13425.559+/-4.321 χ^2/NDF :258838.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 13467.710+/-2.928 χ^2/NDF : 493826.6/26

diff_bpm_4eX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: 0.061+/-0.144 χ^2/NDF : 7.2/11

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

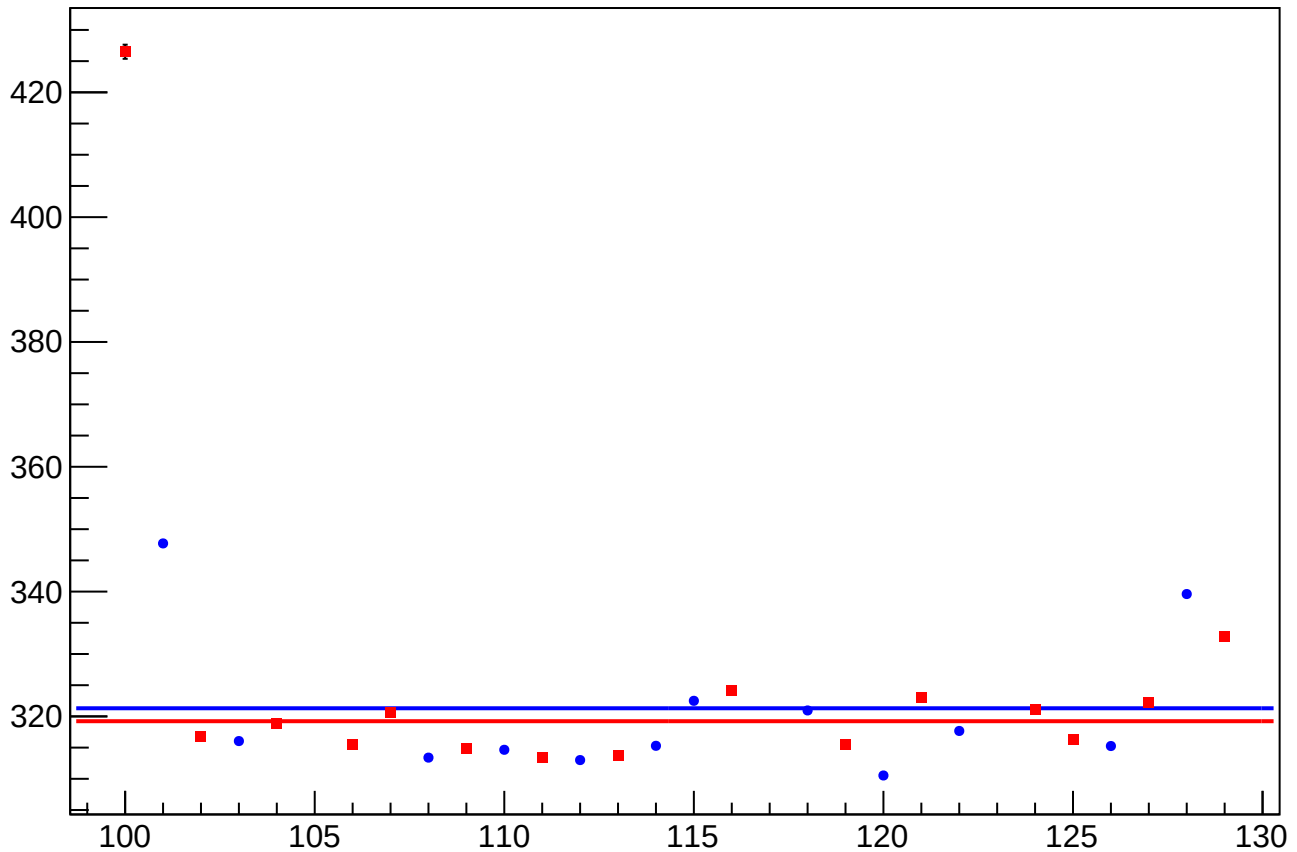
Right: 0.025+/-0.097 χ^2/NDF : 29.1/26

In: 0.061+/-0.144 χ^2/NDF : 7.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.097 χ^2/NDF : 29.1/26

diff_bpm_4eX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 321.304+/-0.102 χ^2/NDF : 13351.8/11

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

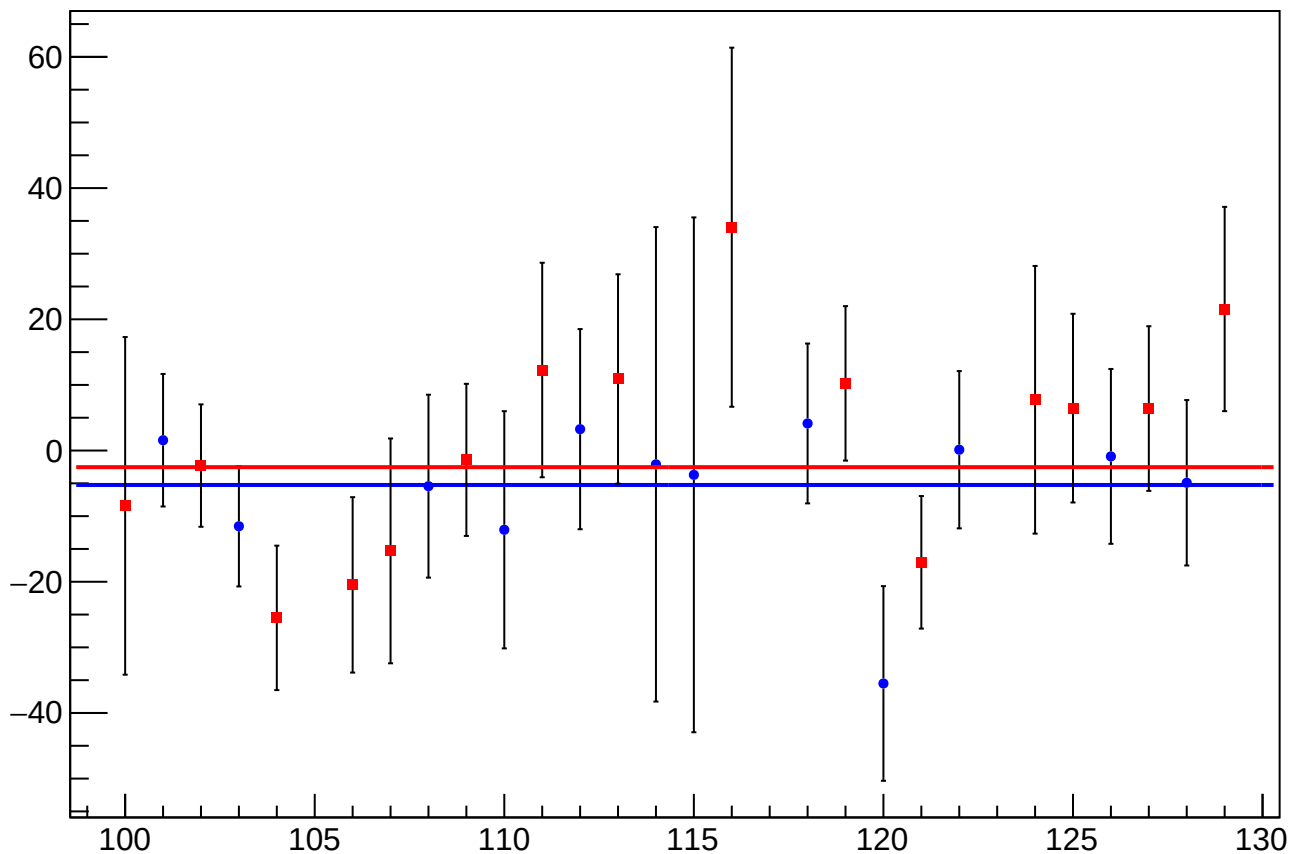
Right: 320.169+/-0.069 χ^2/NDF : 25501.1/26

In: 321.304+/-0.102 χ^2/NDF : 13351.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 320.169+/-0.069 χ^2/NDF : 25501.1/26

diff_bpm_4aY_4acY_avg_mean vs Slug, Sign Corrected



Right In: -5.247+/-3.899 χ^2/NDF : 6.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.533+/-3.504 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

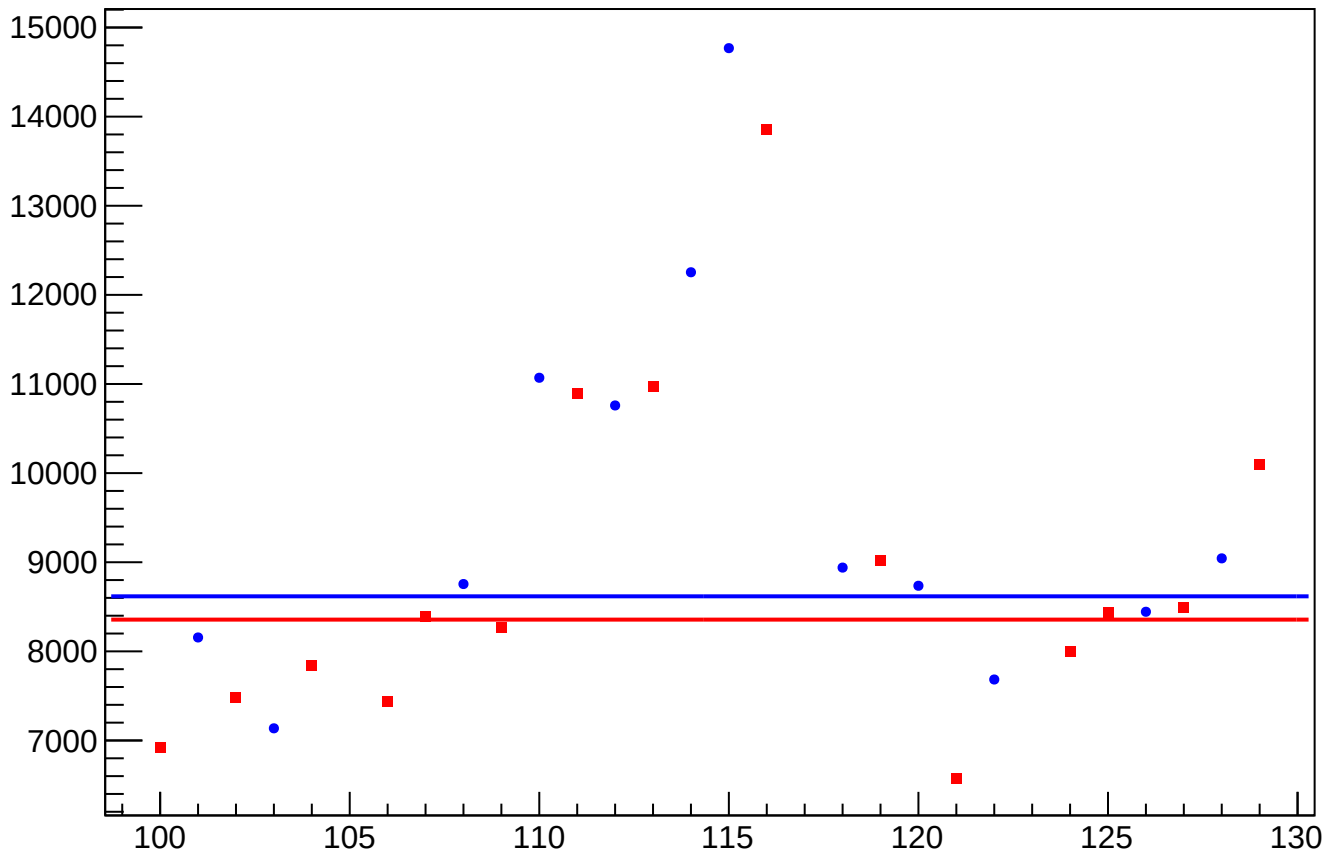
Right: -3.745+/-2.606 χ^2/NDF : 23.6/26

In: -5.247+/-3.899 χ^2/NDF : 6.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.745+/-2.606 χ^2/NDF : 23.6/26

diff_bpm_4aY_4acY_avg_rms vs Slug, Sign Corrected



Right In: 8617.495+/-2.757 χ^2/NDF : 218347.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

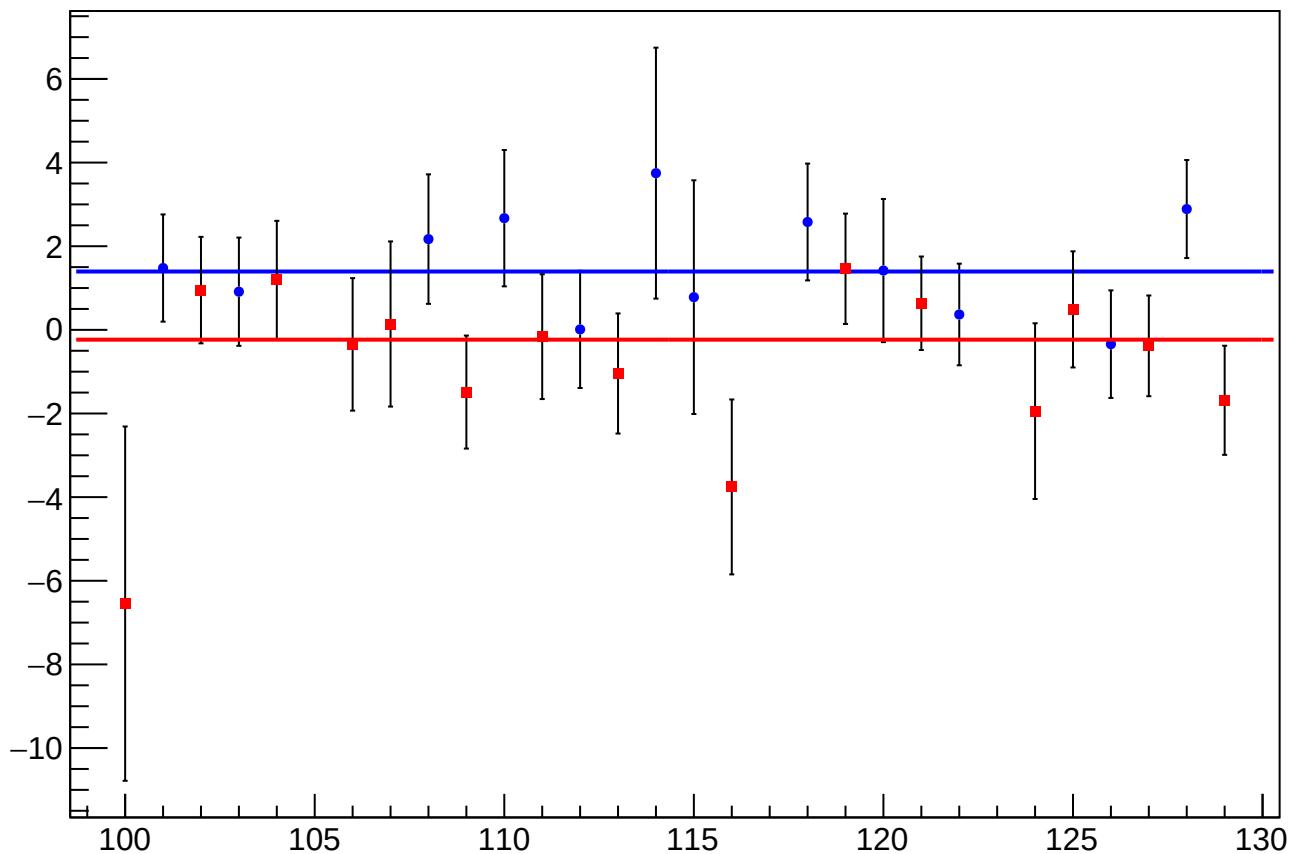
Right: 8472.920+/-1.843 χ^2/NDF : 537732.1/26

In: 8617.495+/-2.757 χ^2/NDF : 218347.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8472.920+/-1.843 χ^2/NDF : 537732.1/26

diff_bpm_4aY_4acY_dd_mean vs Slug, Sign Corrected



Right In: 1.395+/-0.422 χ^2/NDF : 7.5/11

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

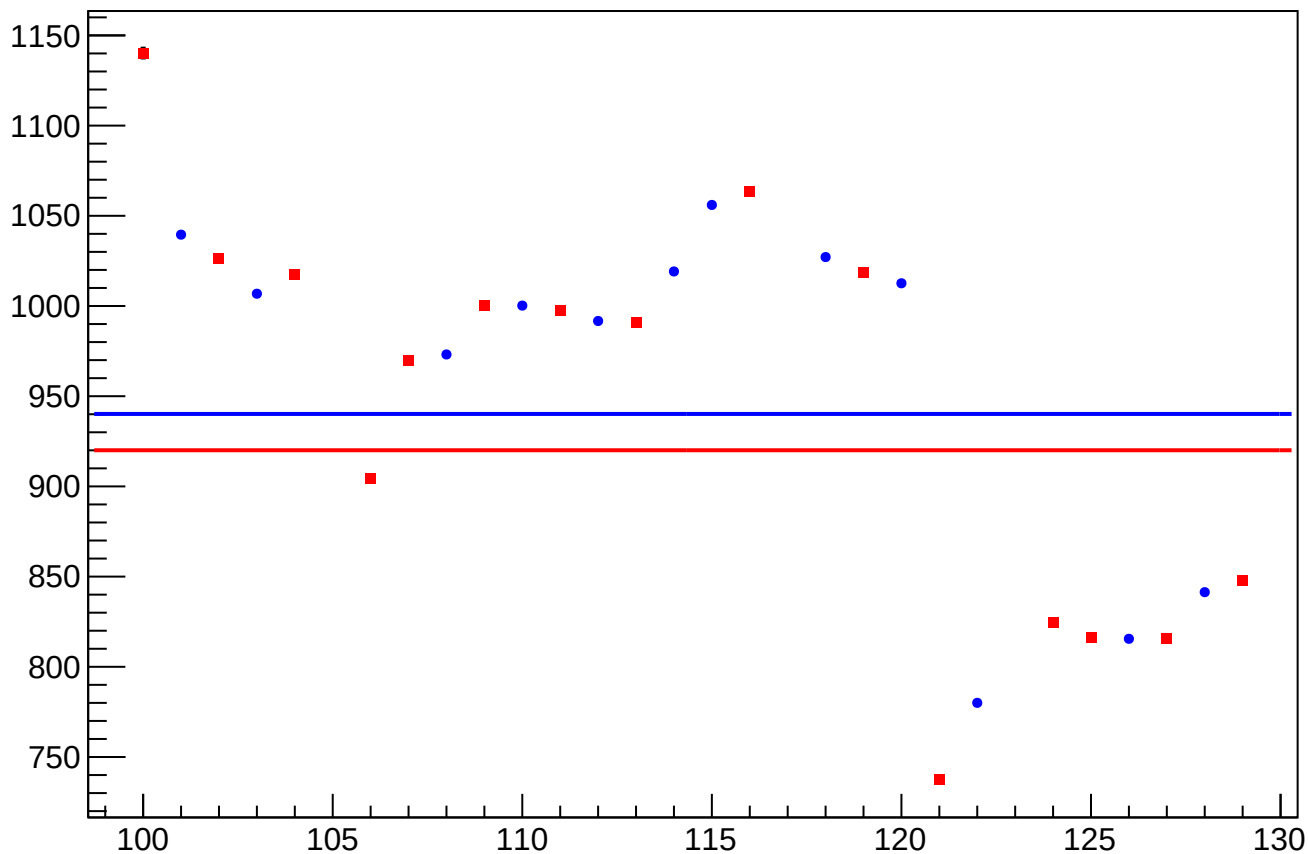
Right: 0.494+/-0.282 χ^2/NDF : 28.4/26

In: 1.395+/-0.422 χ^2/NDF : 7.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.494+/-0.282 χ^2/NDF : 28.4/26

diff_bpm_4aY_4acY_dd_rms vs Slug, Sign Corrected



Right In: 940.169+/-0.299 χ^2/NDF : 107553.9/11

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

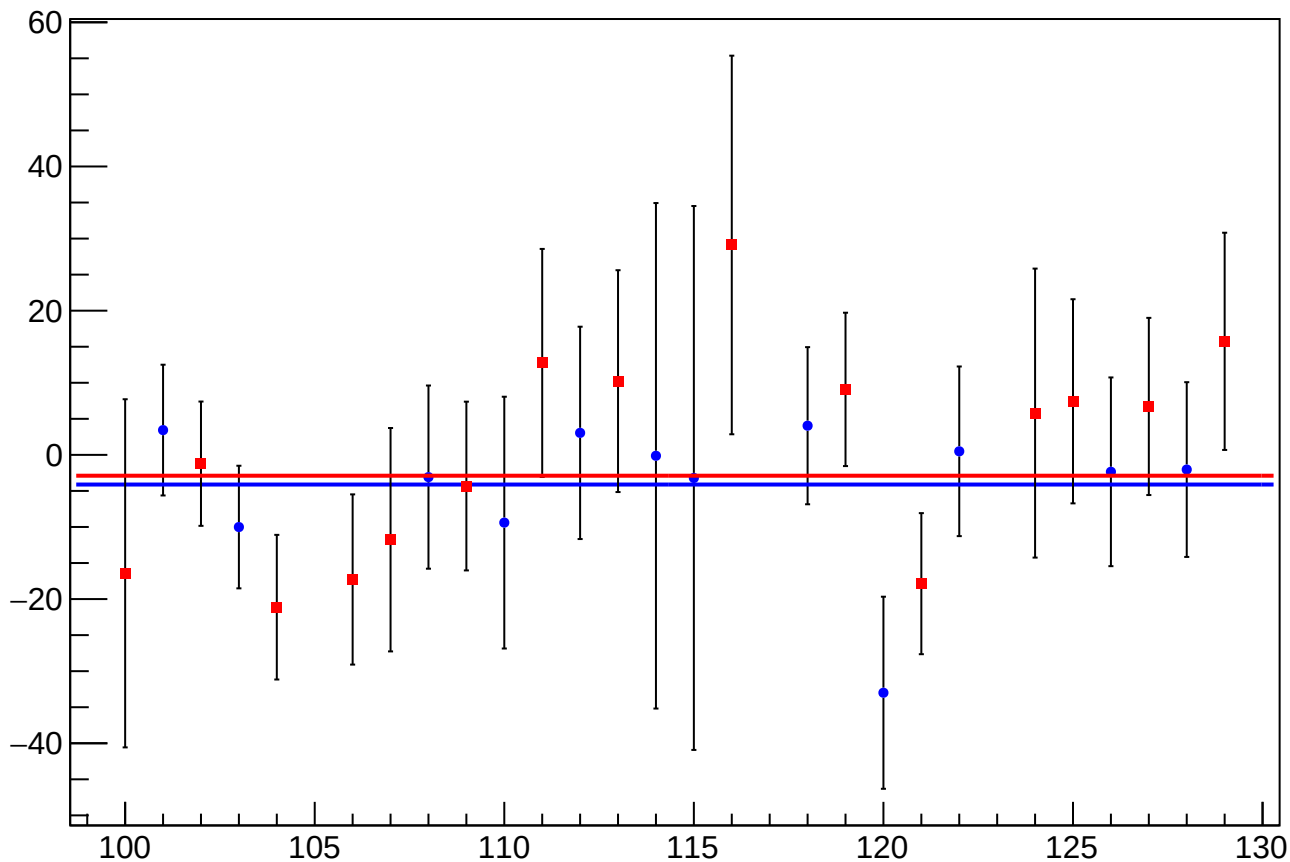
Right: 929.040+/-0.200 χ^2/NDF : 268024.6/26

In: 940.169+/-0.299 χ^2/NDF : 107553.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 929.040+/-0.200 χ^2/NDF : 268024.6/26

diff_bpm_4aY_4eY_avg_mean vs Slug, Sign Corrected



Right In: -4.114 ± 3.639 χ^2/NDF : 7.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

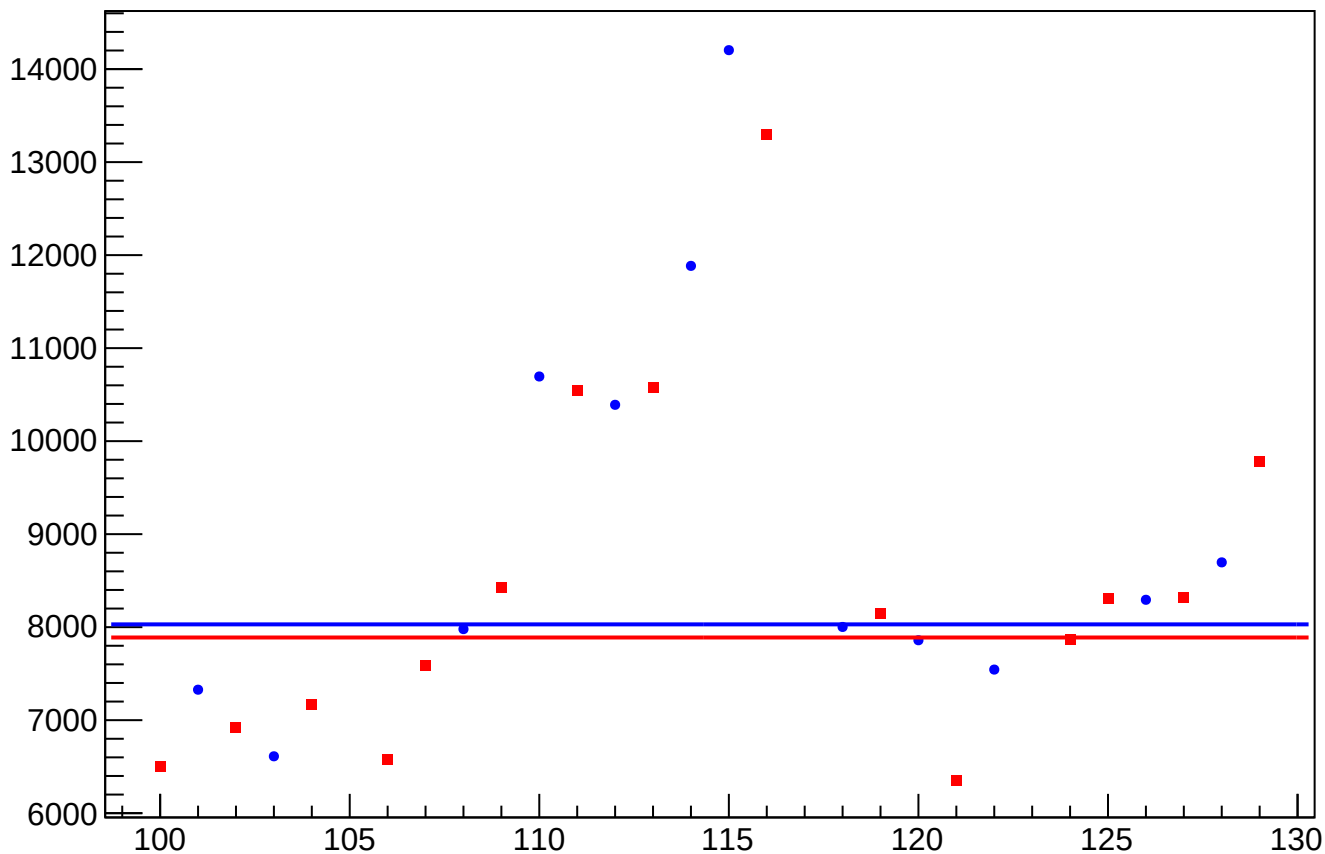
Right: -3.444 ± 2.449 χ^2/NDF : 22.2/26

In: -4.114 ± 3.639 χ^2/NDF : 7.0/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.444 ± 2.449 χ^2/NDF : 22.2/26

diff_bpm_4aY_4eY_avg_rms vs Slug, Sign Corrected



Right In: 8029.959+/-2.573 χ^2/NDF : 254074.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

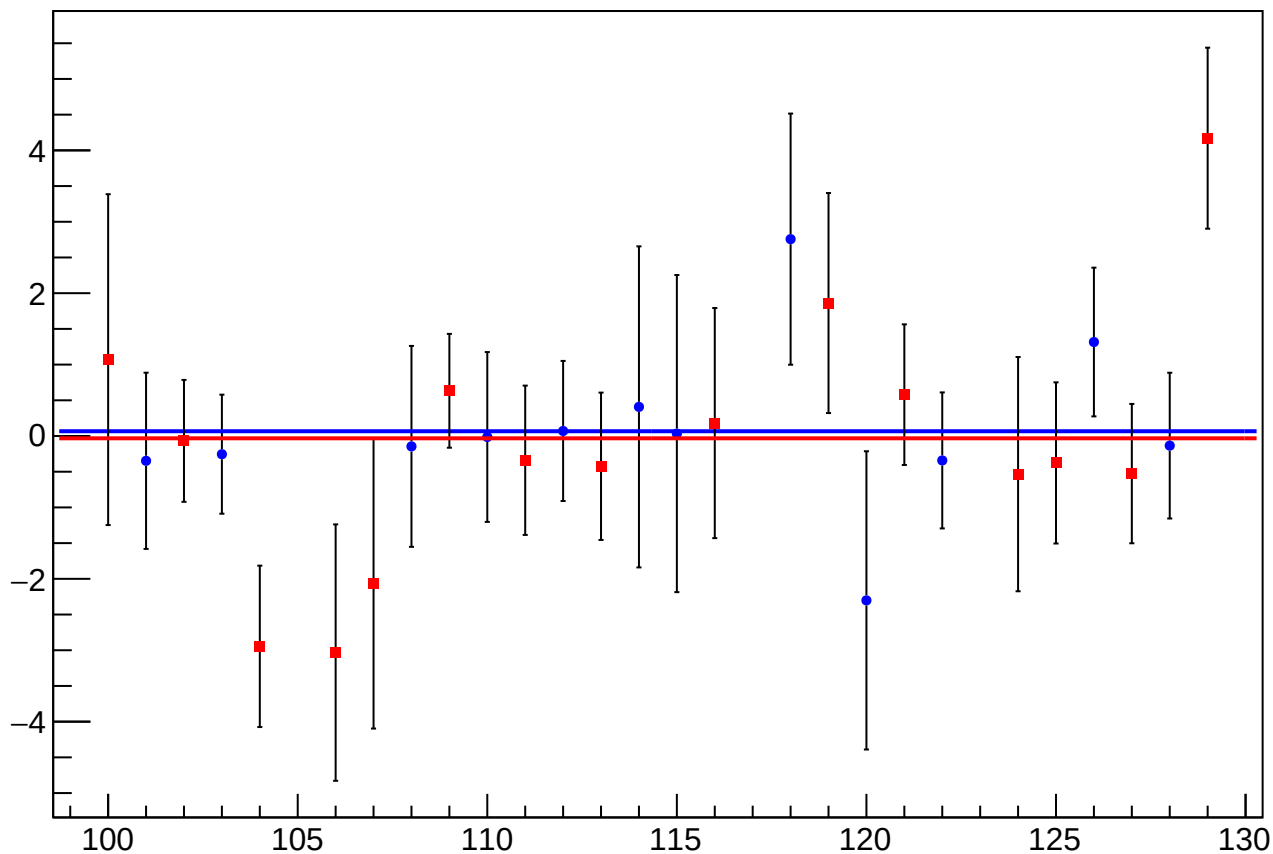
Right: 7952.766+/-1.732 χ^2/NDF : 615782.6/26

In: 8029.959+/-2.573 χ^2/NDF : 254074.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7952.766+/-1.732 χ^2/NDF : 615782.6/26

diff_bpm_4aY_4eY_dd_mean vs Slug, Sign Corrected



Right In: 0.067 $\pm$ 0.347 χ^2 /NDF: 5.6/11

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

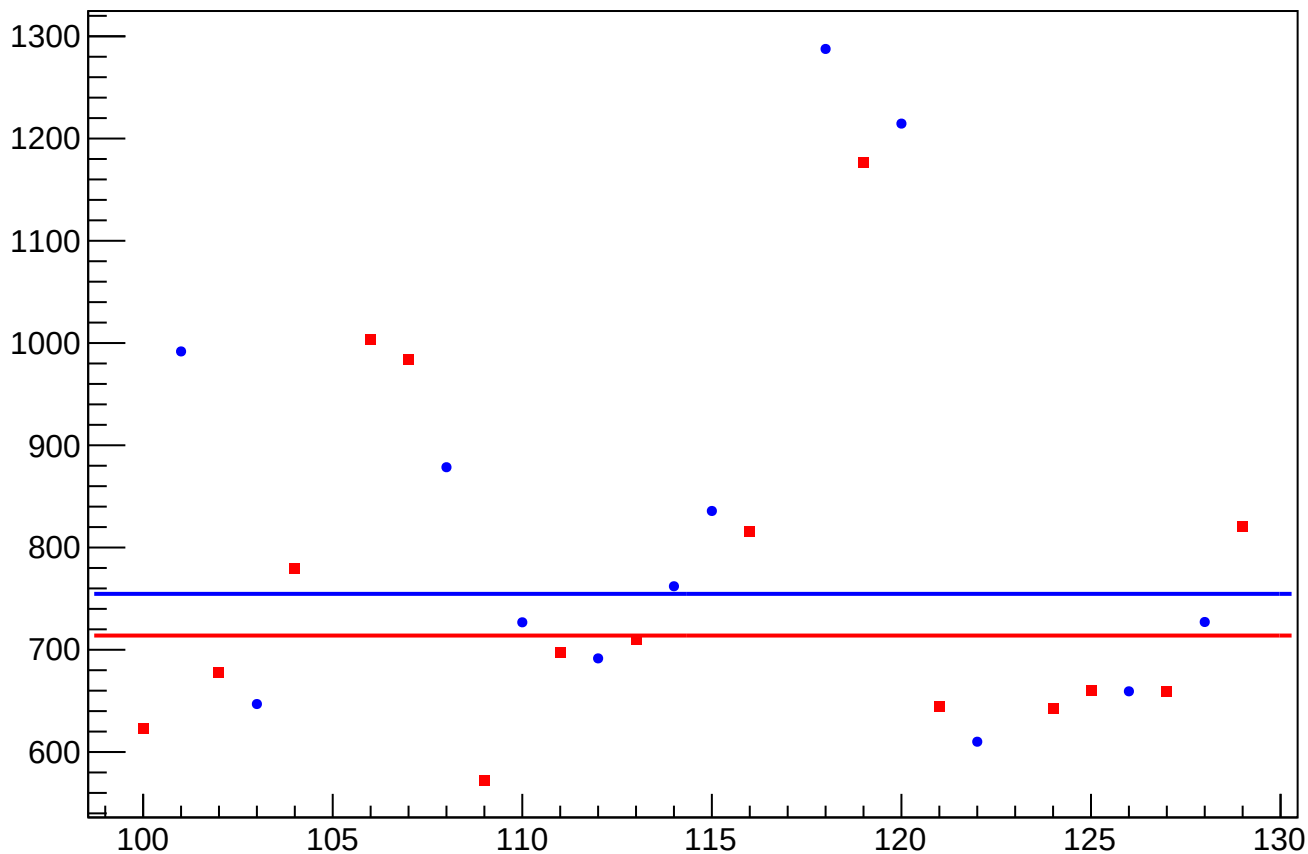
Right: 0.010 $\pm$ 0.228 χ^2 /NDF: 30.6/26

In: 0.067 $\pm$ 0.347 χ^2 /NDF:5.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.010 $\pm$ 0.228 χ^2 /NDF: 30.6/26

diff_bpm_4aY_4eY_dd_rms vs Slug, Sign Corrected



Right In: 754.681+/-0.246 χ^2/NDF : 479887.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

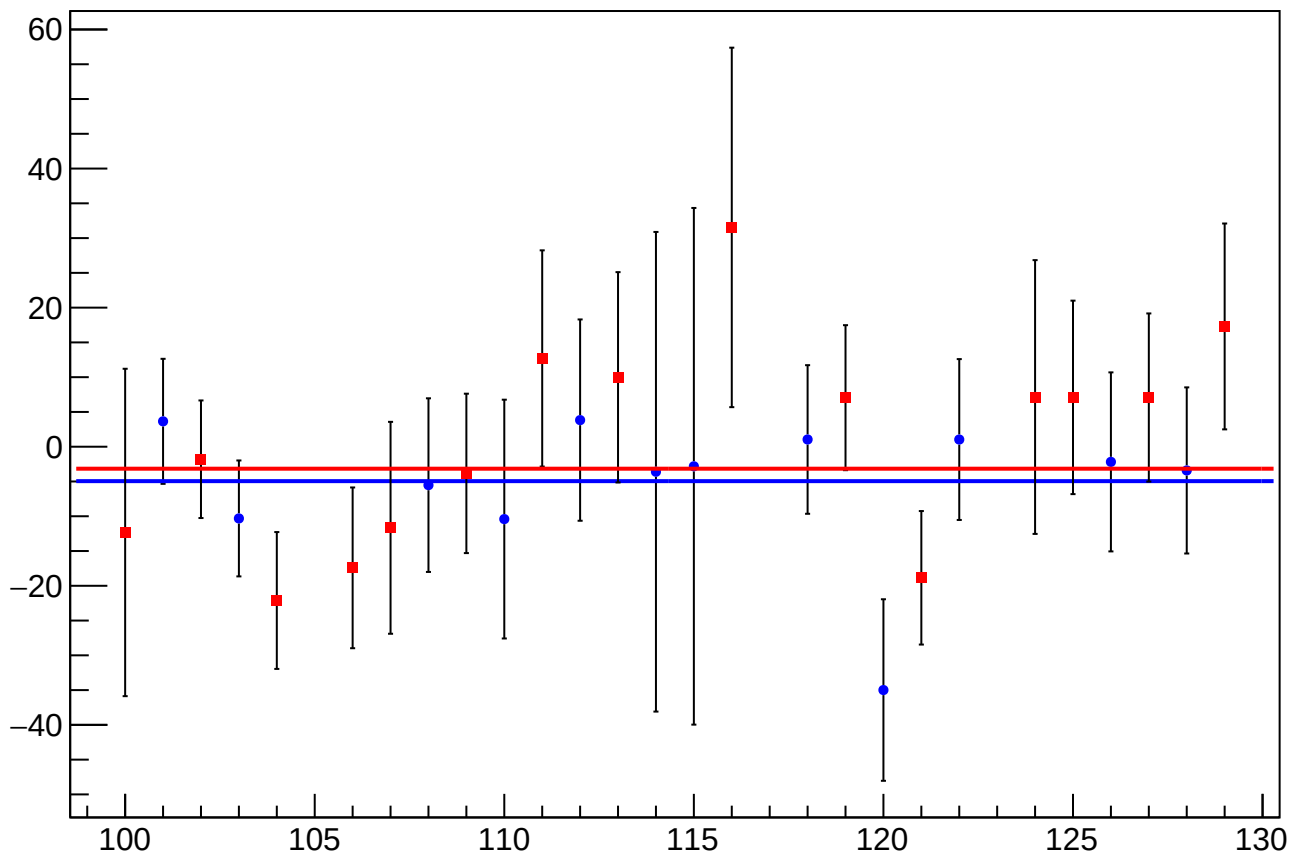
Right: 731.434+/-0.161 χ^2/NDF : 886567.1/26

In: 754.681+/-0.246 χ^2/NDF : 479887.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 731.434+/-0.161 χ^2/NDF : 886567.1/26

diff_bpm_4aY_4ecY_avg_mean vs Slug, Sign Corrected



Right In: -4.950 ± 3.579 χ^2/NDF : 7.7/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

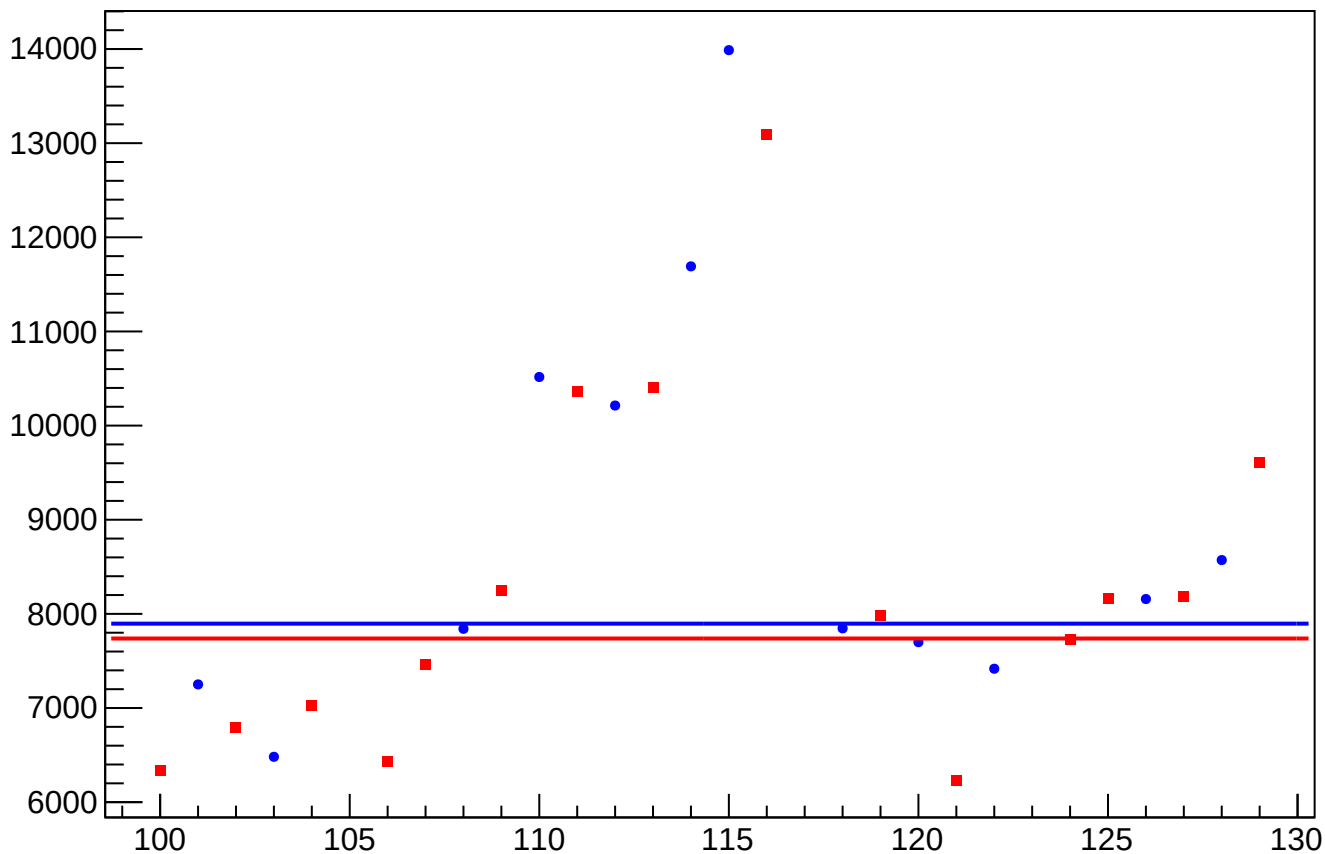
Right: -3.970 ± 2.406 χ^2/NDF : 24.3/26

In: -4.950 ± 3.579 χ^2/NDF : 7.7/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.970 ± 2.406 χ^2/NDF : 24.3/26

diff_bpm_4aY_4ecY_avg_rms vs Slug, Sign Corrected



Right In: 7896.180+/-2.531 χ^2/NDF : 254887.3/11

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

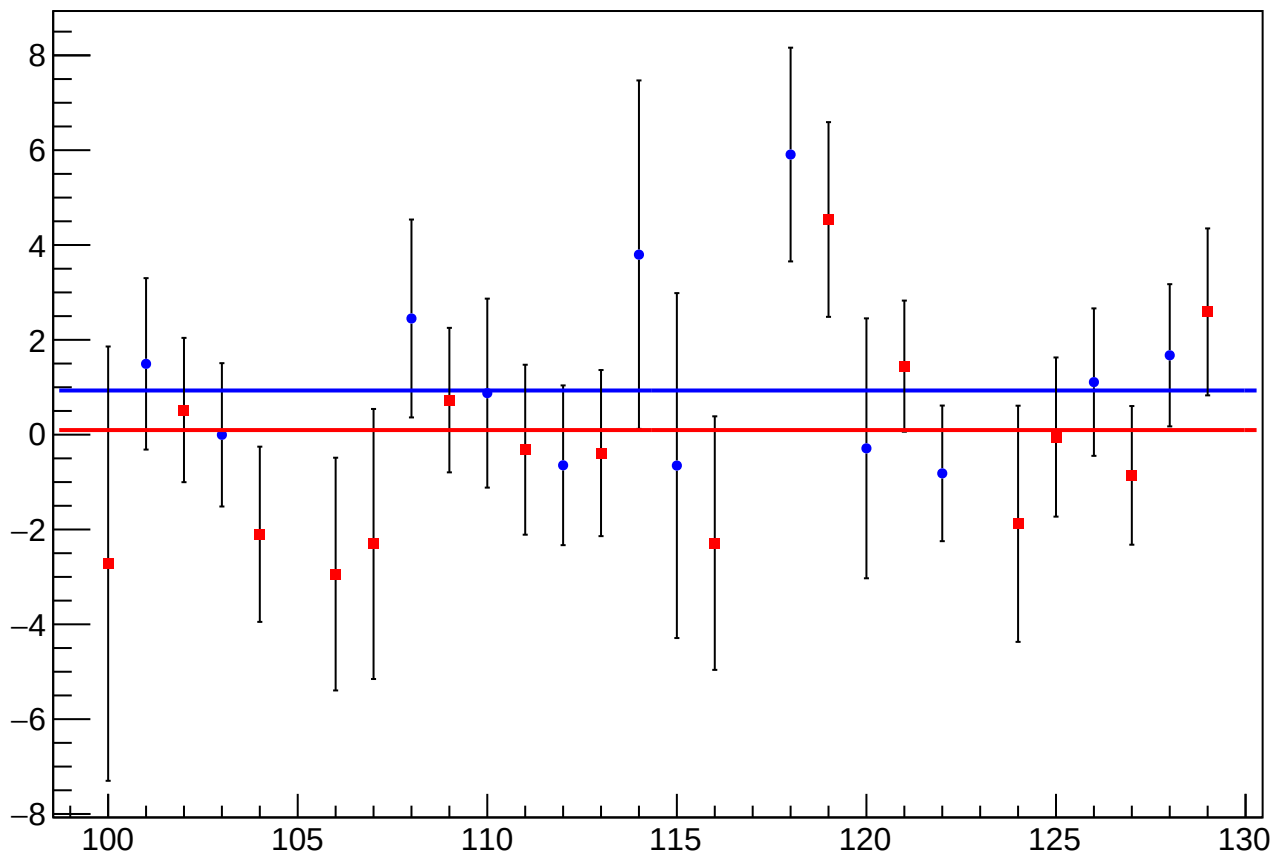
Right: 7809.644+/-1.701 χ^2/NDF : 621121.5/26

In: 7896.180+/-2.531 χ^2/NDF :254887.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7809.644+/-1.701 χ^2/NDF : 621121.5/26

diff_bpm_4aY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 0.932 $\pm$ 0.542 χ^2 /NDF: 9.5/11

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

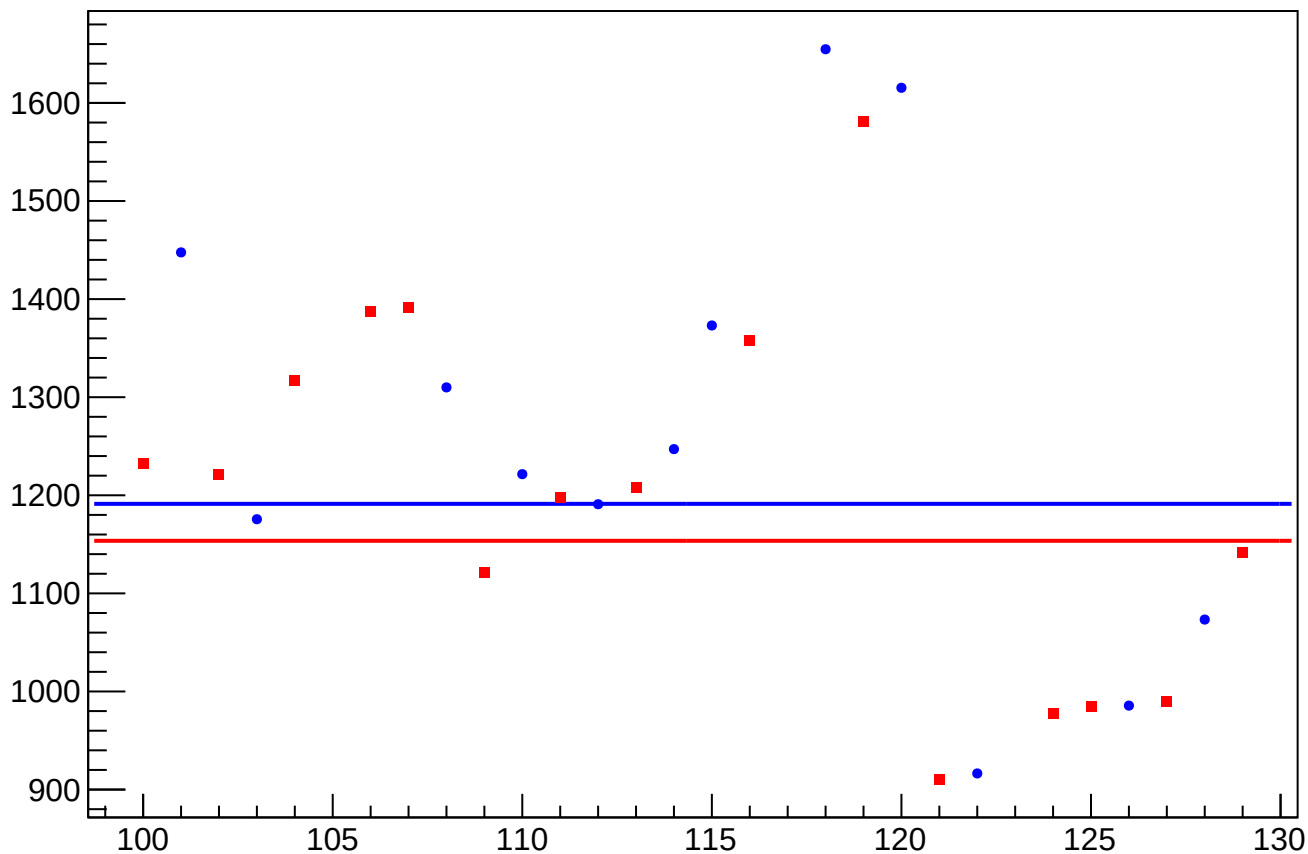
Right: 0.464 $\pm$ 0.359 χ^2 /NDF: 24.7/26

In: 0.932 $\pm$ 0.542 χ^2 /NDF:9.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.464 $\pm$ 0.359 χ^2 /NDF: 24.7/26

diff_bpm_4aY_4ecY_dd_rms vs Slug, Sign Corrected



Right In: 1191.270+/-0.383 χ^2/NDF : 306489.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

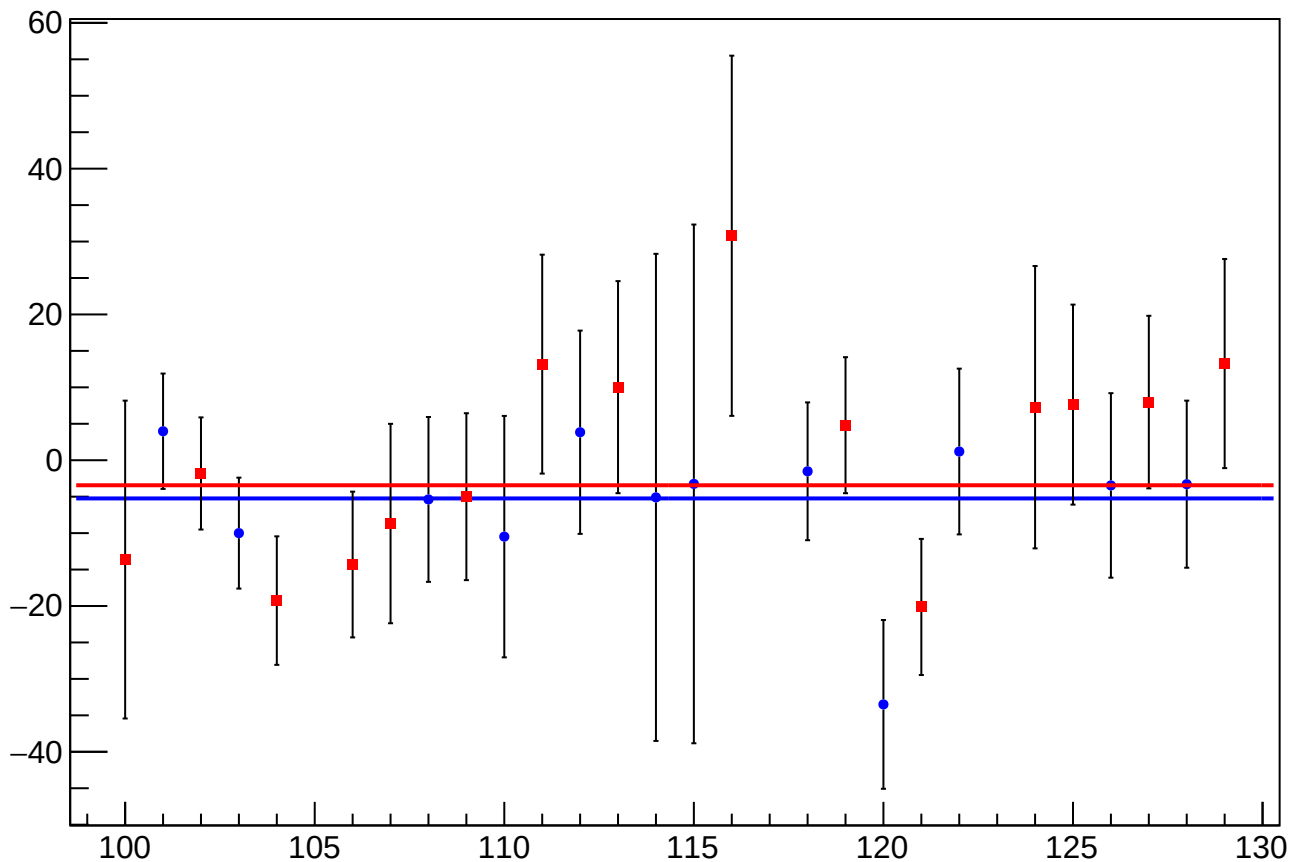
Right: 1170.159+/-0.254 χ^2/NDF : 584343.9/26

In: 1191.270+/-0.383 χ^2/NDF : 306489.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1170.159+/-0.254 χ^2/NDF : 584343.9/26

diff_bpm_4eY_4ecY_avg_mean vs Slug, Sign Corrected



Right In: -5.242 ± 3.301 χ^2/NDF : 8.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.435 ± 3.035 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

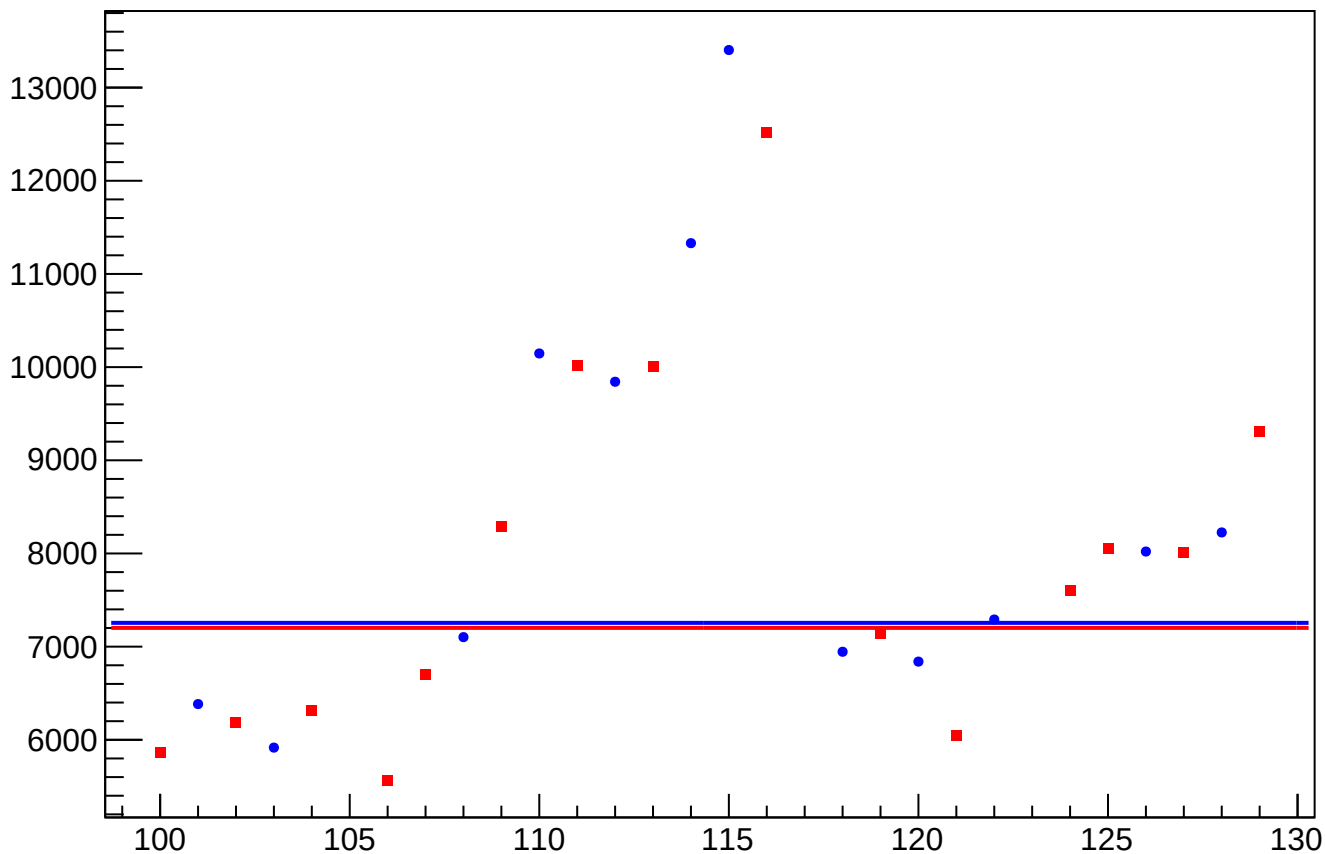
Right: -4.263 ± 2.234 χ^2/NDF : 25.0/26

In: -5.242 ± 3.301 χ^2/NDF : 8.8/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.263 ± 2.234 χ^2/NDF : 25.0/26

diff_bpm_4eY_4ecY_avg_rms vs Slug, Sign Corrected



Right In: 7255.250+/-2.334 χ^2/NDF : 332243.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

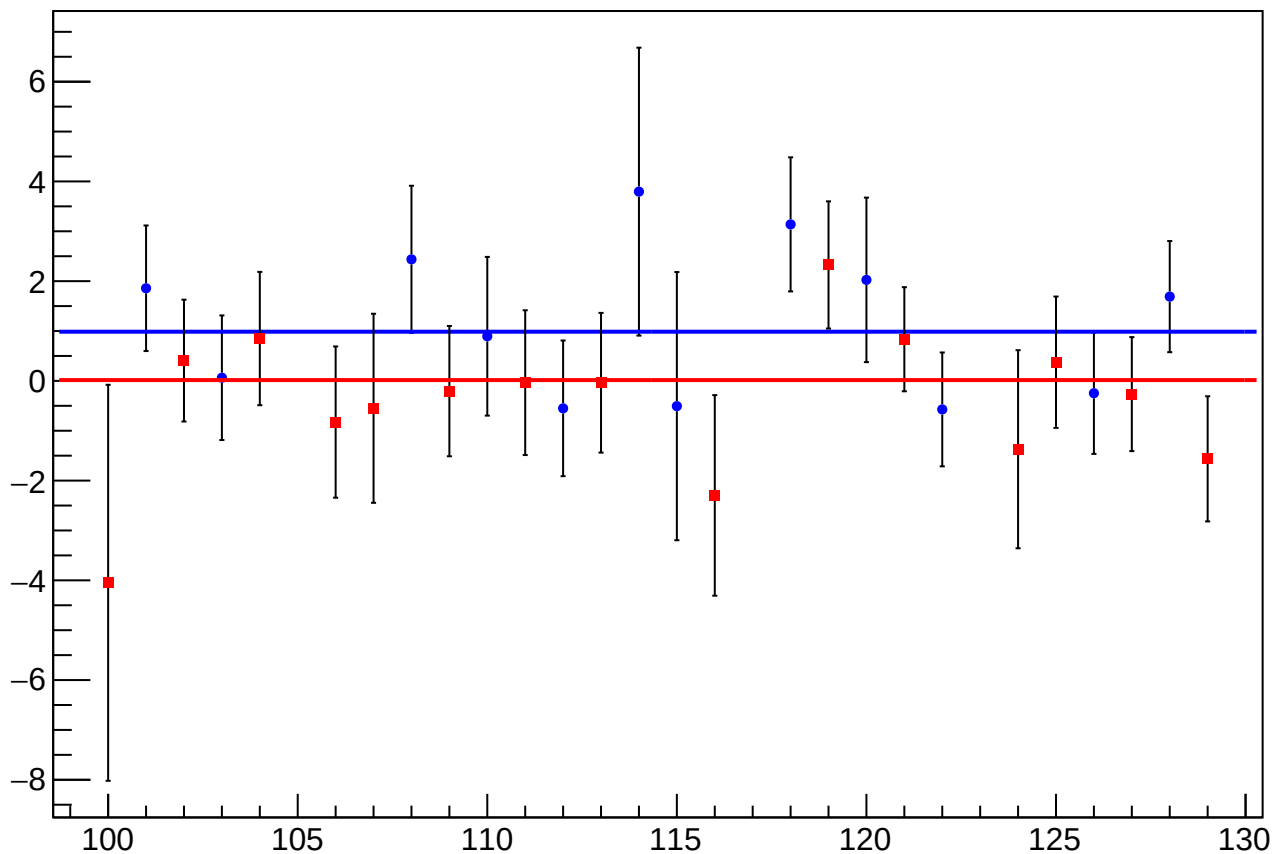
Right: 7226.129+/-1.580 χ^2/NDF : 798427.1/26

In: 7255.250+/-2.334 χ^2/NDF : 332243.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7226.129+/-1.580 χ^2/NDF : 798427.1/26

diff_bpm_4eY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 0.986 $\pm$ 0.405 χ^2 /NDF: 10.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.016 $\pm$ 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

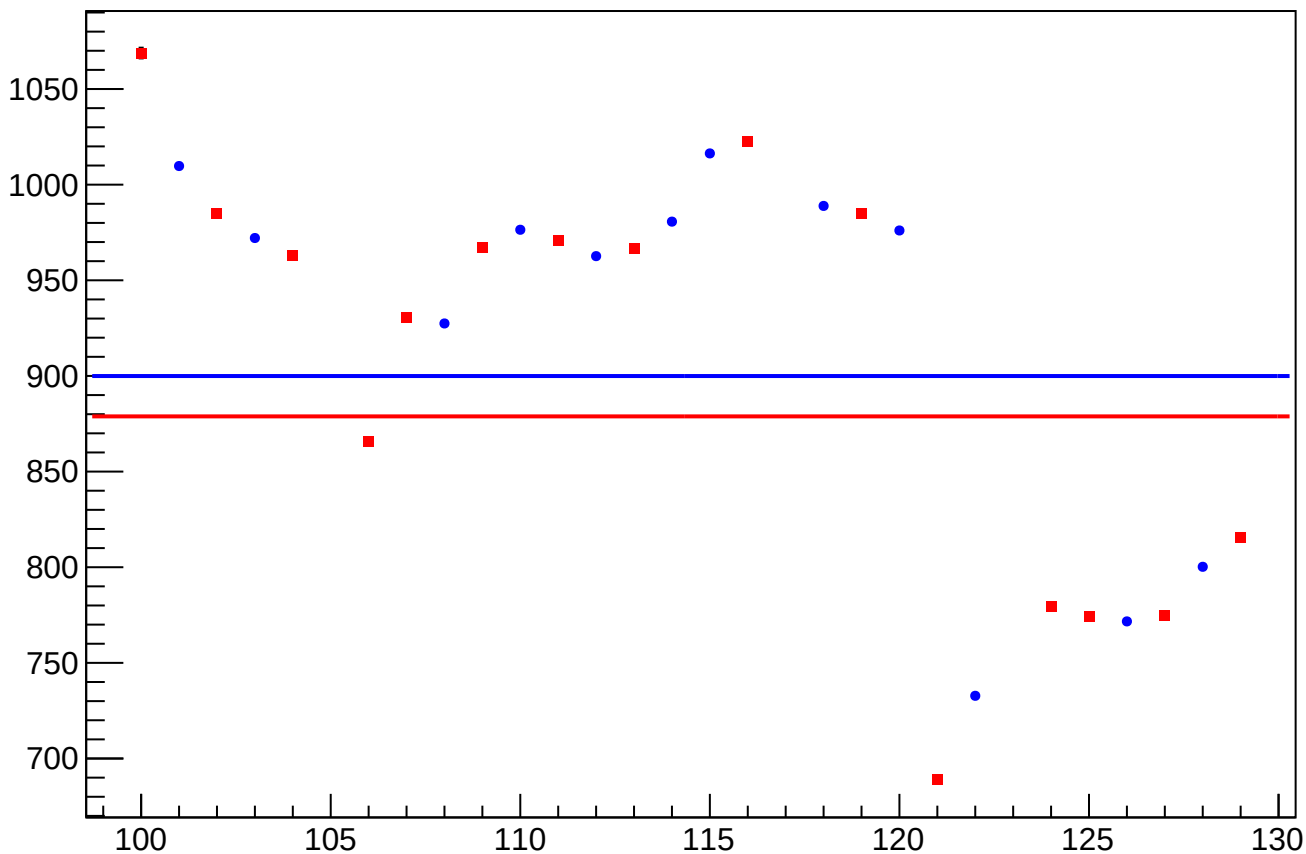
Right: 0.448 $\pm$ 0.270 χ^2 /NDF: 23.3/26

In: 0.986 $\pm$ 0.405 χ^2 /NDF:10.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.448 $\pm$ 0.270 χ^2 /NDF: 23.3/26

diff_bpm_4eY_4ecY_dd_rms vs Slug, Sign Corrected



Right In: 899.952+/-0.286 χ^2/NDF : 130857.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 878.857+/-0.257 χ^2/NDF : 183732.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

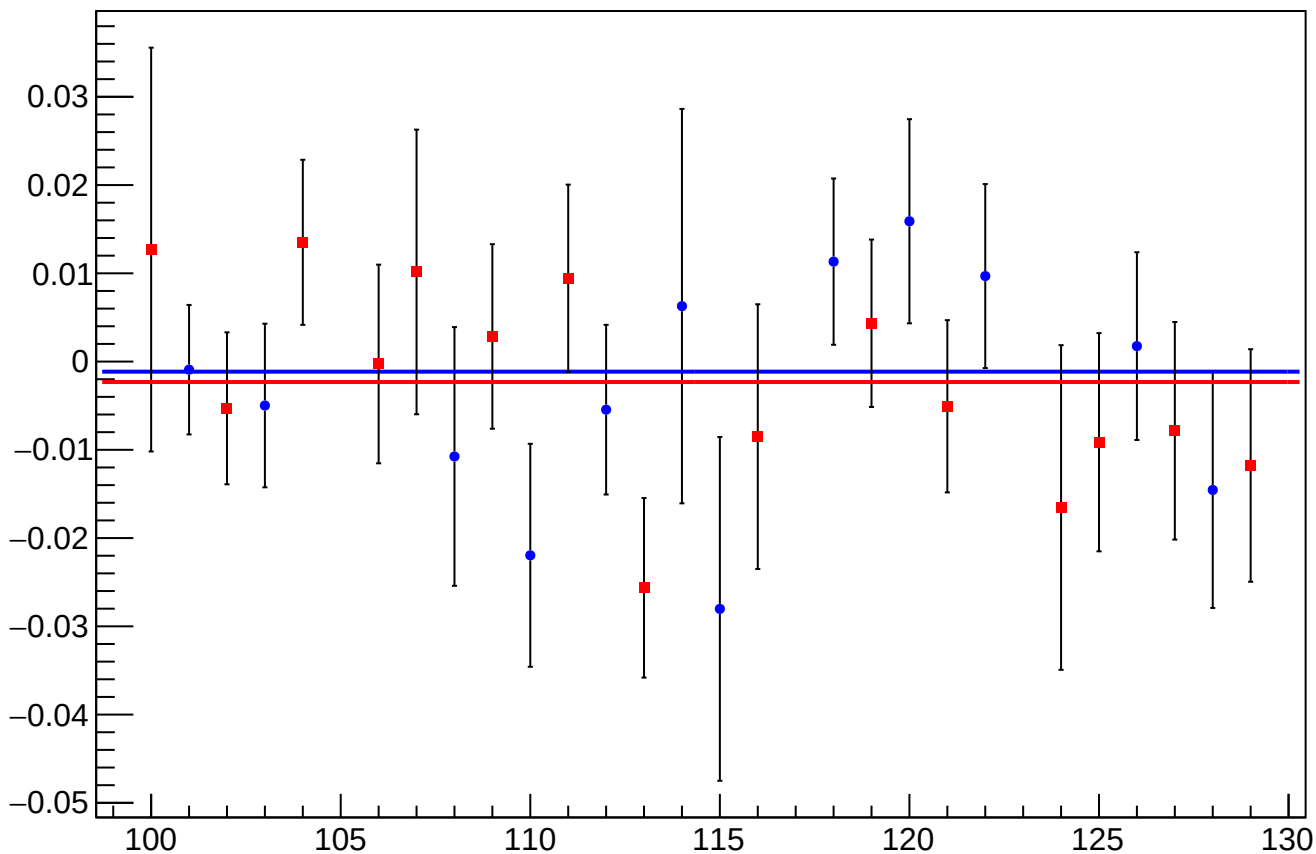
Right: 888.253+/-0.191 χ^2/NDF : 317597.3/26

In: 899.952+/-0.286 χ^2/NDF : 130857.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 888.253+/-0.191 χ^2/NDF : 317597.3/26

diff_dispE_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.001 $\pm$ 0.003 χ^2/NDF : 11.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.002 $\pm$ 0.003 χ^2/NDF : 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

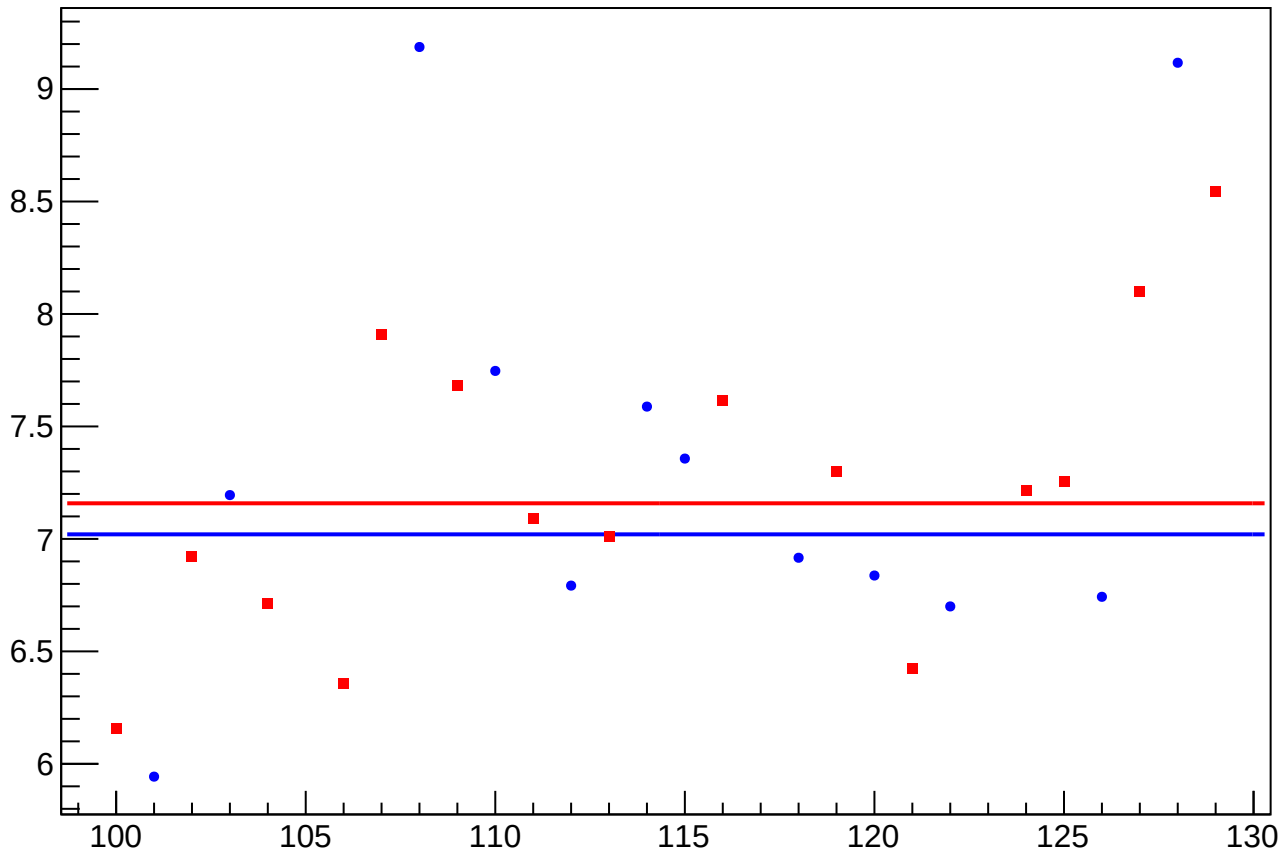
Right: -0.002 $\pm$ 0.002 χ^2/NDF : 24.8/26

In: -0.001 $\pm$ 0.003 χ^2/NDF : 11.6/11

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.002 $\pm$ 0.002 χ^2/NDF : 24.8/26

diff_dispE_bpm12X_rms vs Slug, Sign Corrected



Right In: 7.020+/-0.002 χ^2/NDF : 150332.9/11

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

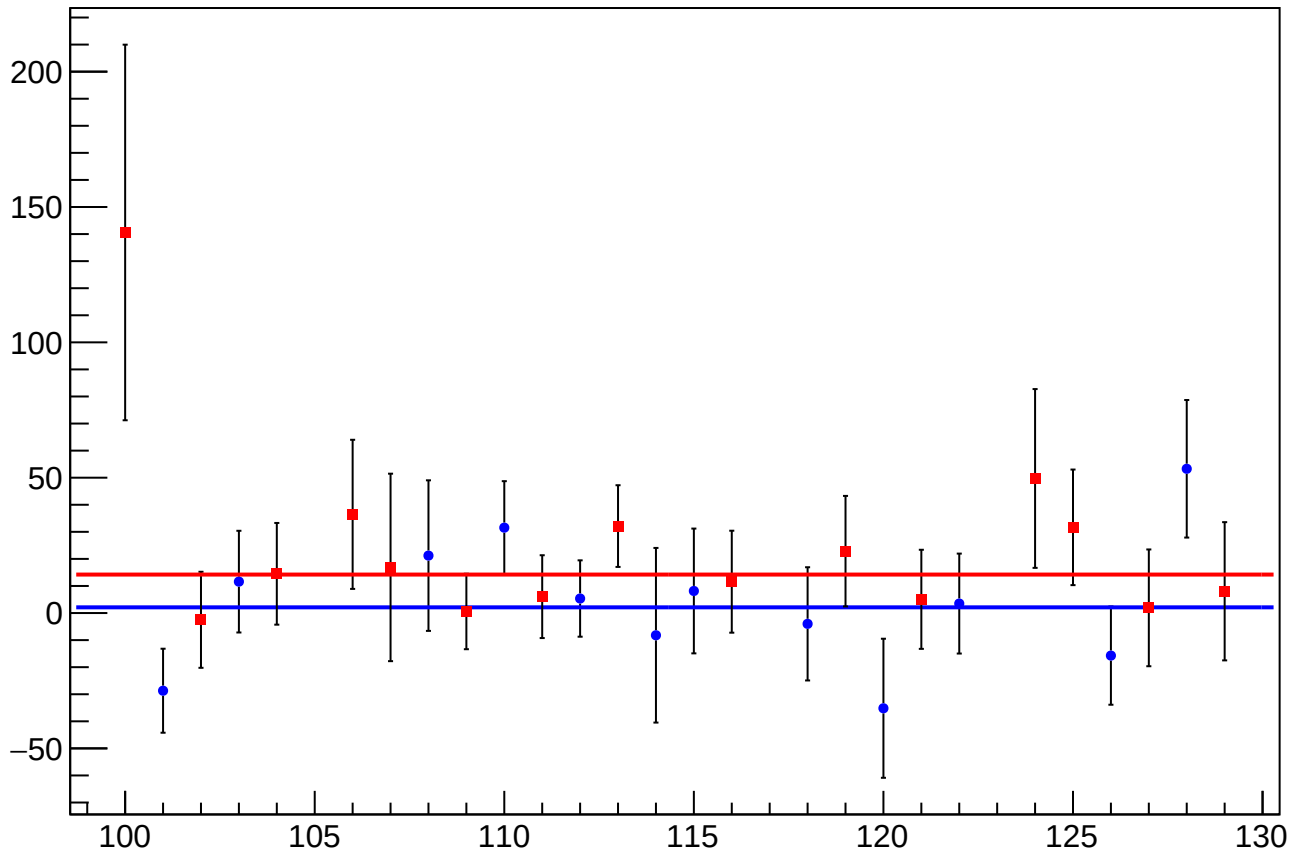
Right: 7.094+/-0.002 χ^2/NDF : 229778.9/26

In: 7.020+/-0.002 χ^2/NDF : 150332.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.094+/-0.002 χ^2/NDF : 229778.9/26

diff_targ_positionX_mean vs Slug, Sign Corrected



Right In: 2.107+/-5.693 χ^2/NDF : 15.0/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 14.213+/-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

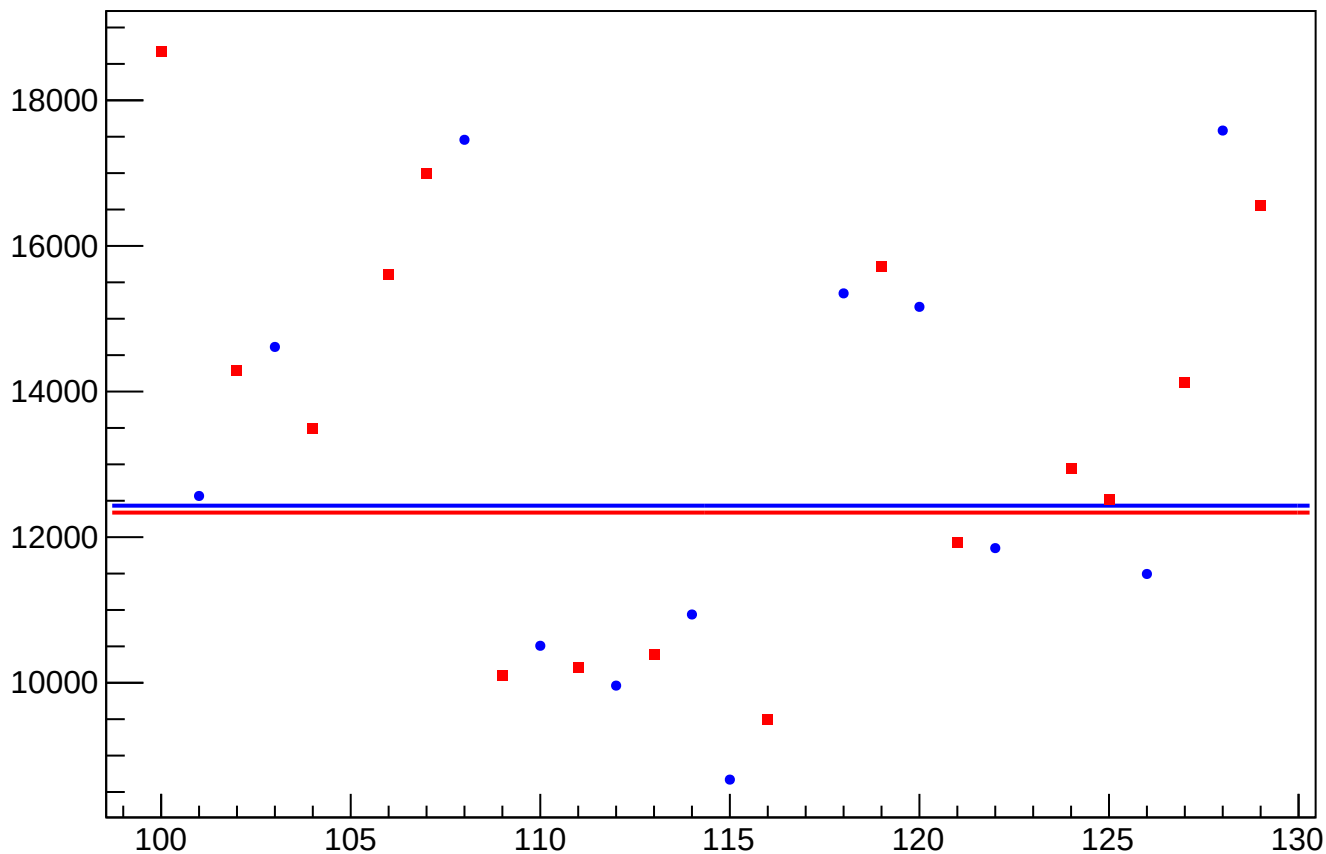
Right: 8.722+/-3.834 χ^2/NDF : 27.7/26

In: 2.107+/-5.693 χ^2/NDF :15.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 8.722+/-3.834 χ^2/NDF : 27.7/26

diff_targ_positionX_rms vs Slug, Sign Corrected



Right In: 12432.638+/-4.025 χ^2/NDF : 387496.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

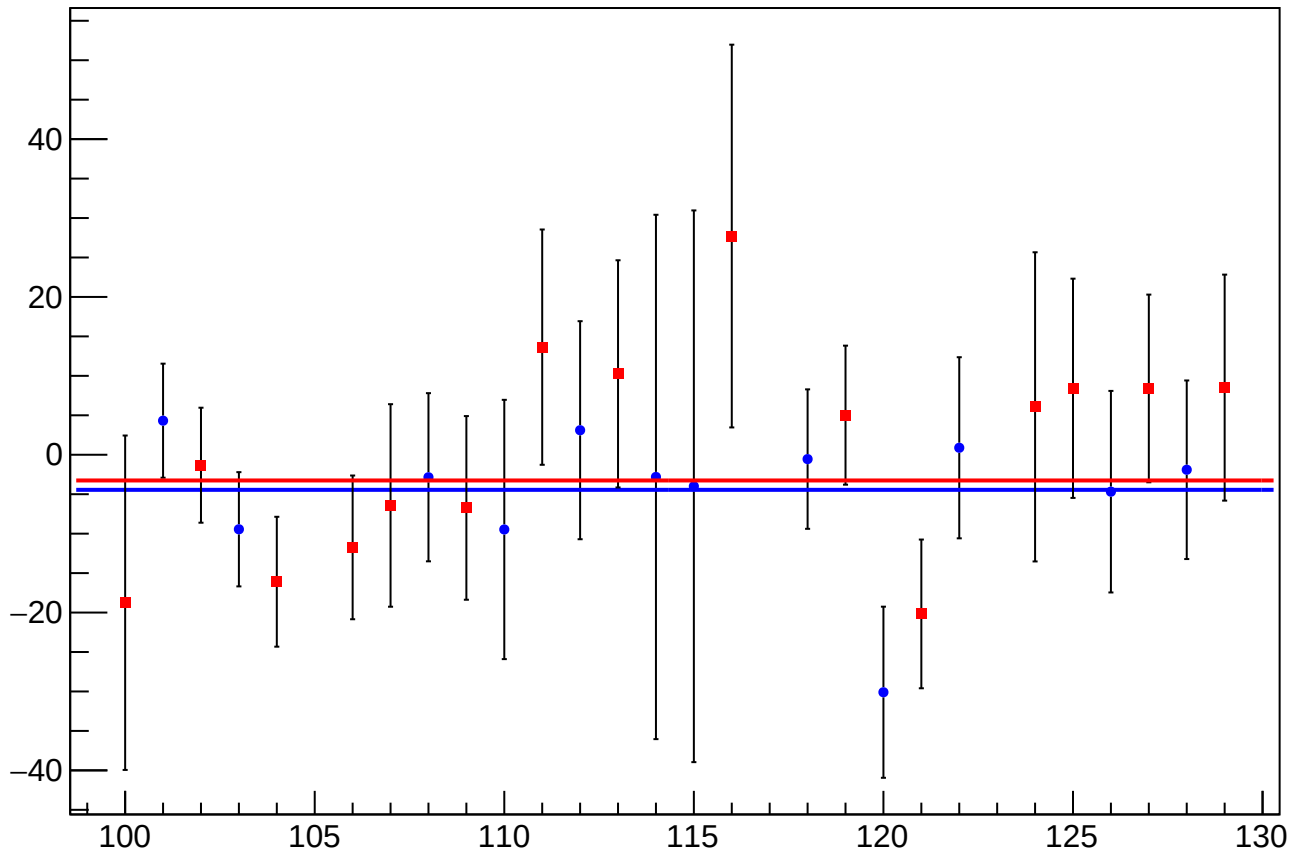
Right: 12380.606+/-2.711 χ^2/NDF : 794014.6/26

In: 12432.638+/-4.025 χ^2/NDF :387496.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 12380.606+/-2.711 χ^2/NDF : 794014.6/26

diff_targ_positionY_mean vs Slug, Sign Corrected



Right In: -4.447 ± 3.154 χ^2/NDF : 8.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.258 ± 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

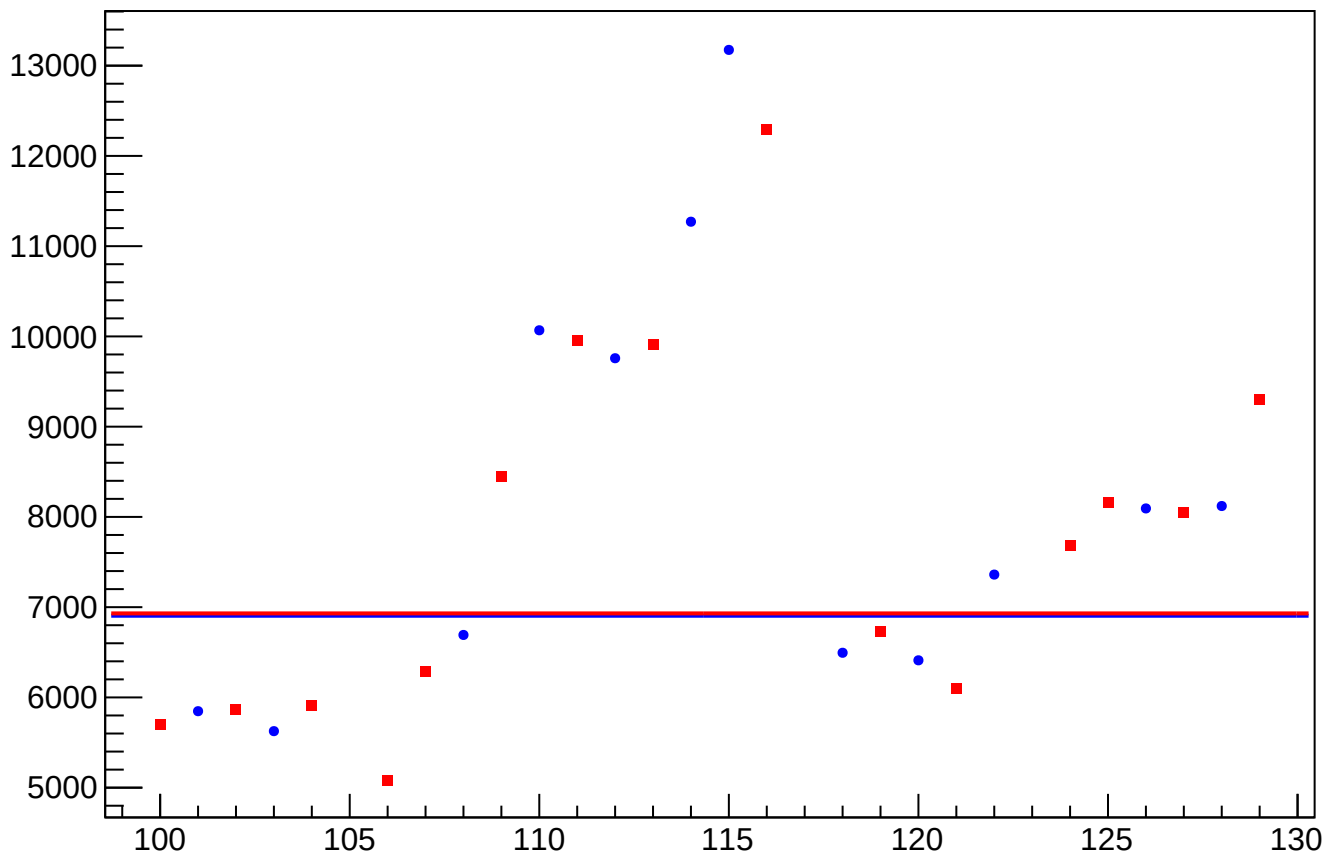
Right: -3.810 ± 2.148 χ^2/NDF : 23.0/26

In: -4.447 ± 3.154 χ^2/NDF : 8.4/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.810 ± 2.148 χ^2/NDF : 23.0/26

diff_targ_positionY_rms vs Slug, Sign Corrected



Right In: 6905.203+/-2.230 χ^2/NDF : 416306.0/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

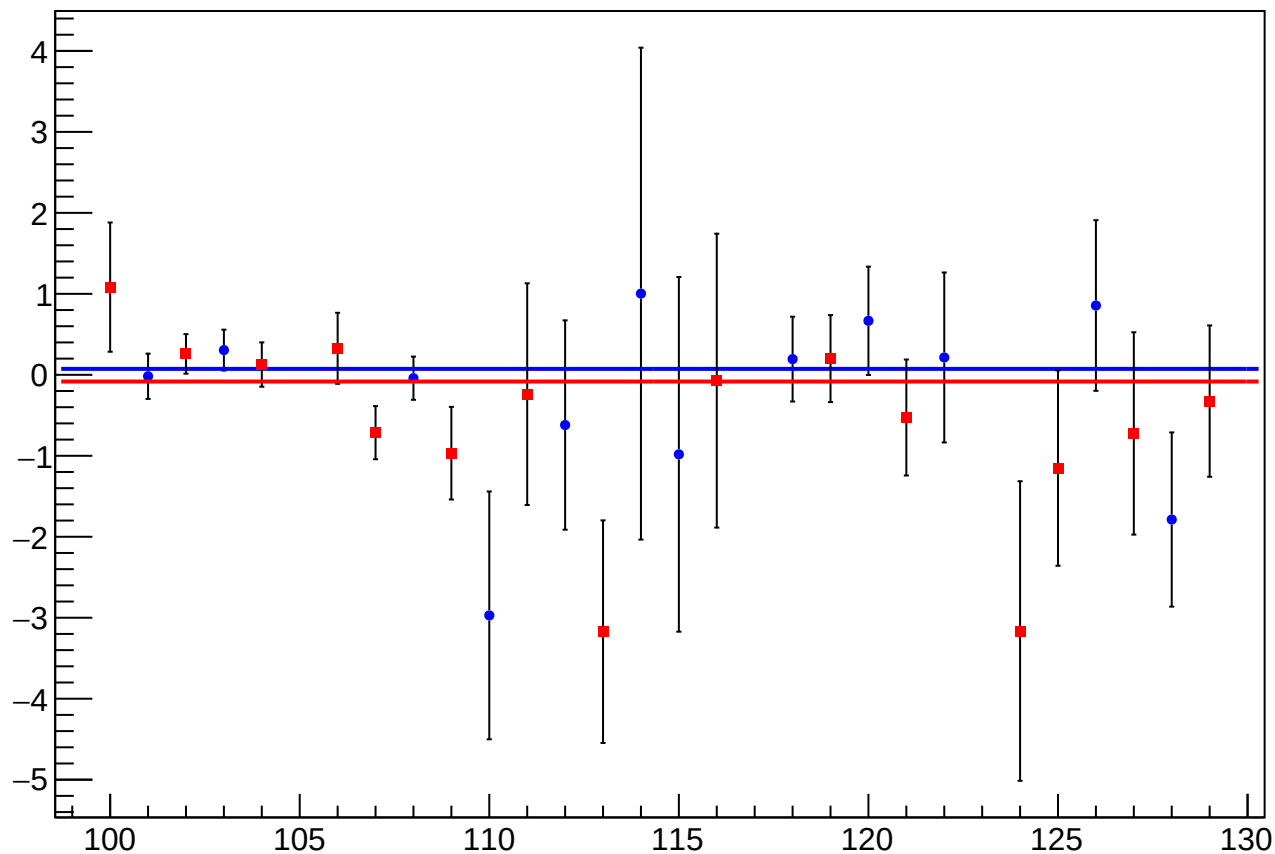
Right: 6918.983+/-1.519 χ^2/NDF : 991196.1/26

In: 6905.203+/-2.230 χ^2/NDF :416306.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6918.983+/-1.519 χ^2/NDF : 991196.1/26

diff_targ_thetaX_mean vs Slug, Sign Corrected



Right In: 0.074+/-0.138 χ^2/NDF : 10.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.083+/-0.130 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

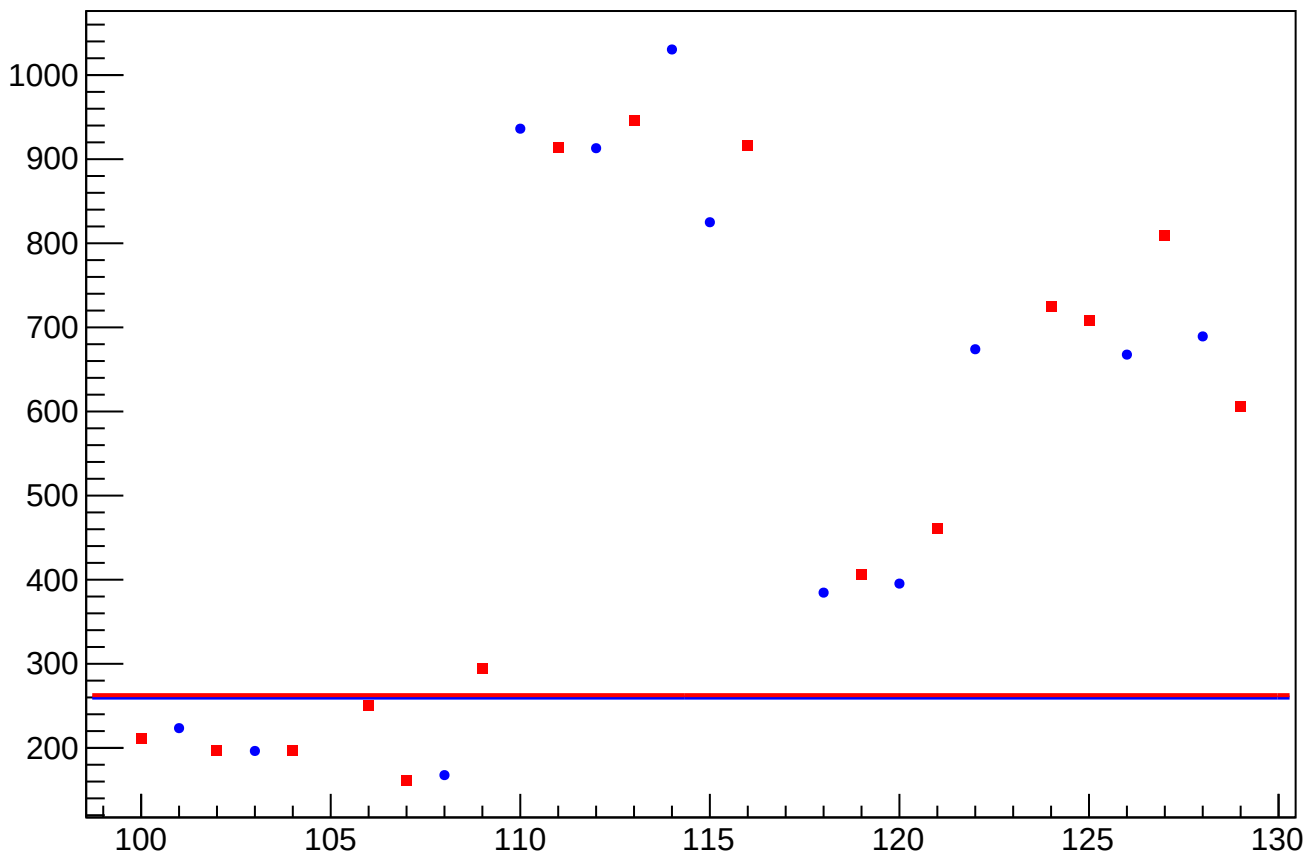
Right: -0.009+/-0.095 χ^2/NDF : 32.1/26

In: 0.074+/-0.138 χ^2/NDF : 10.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.095 χ^2/NDF : 32.1/26

diff_targ_thetaX_rms vs Slug, Sign Corrected



Right In: 259.809+/-0.098 χ^2/NDF : 2687553.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

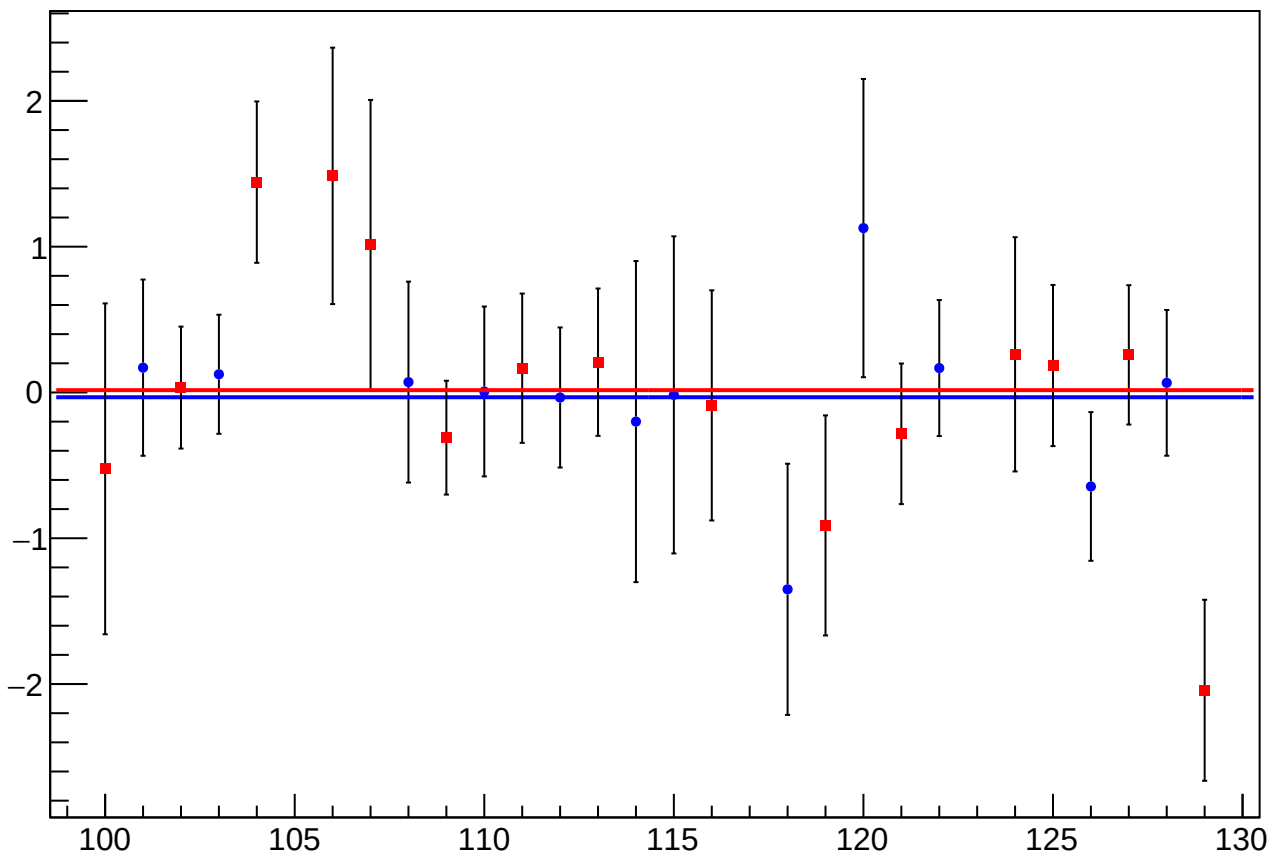
Right: 261.355+/-0.067 χ^2/NDF : 5712467.0/26

In: 259.809+/-0.098 χ^2/NDF : 2687553.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 261.355+/-0.067 χ^2/NDF : 5712467.0/26

diff_targ_thetaY_mean vs Slug, Sign Corrected



Right In: -0.033 ± 0.170 χ^2/NDF : 5.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.016 ± 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

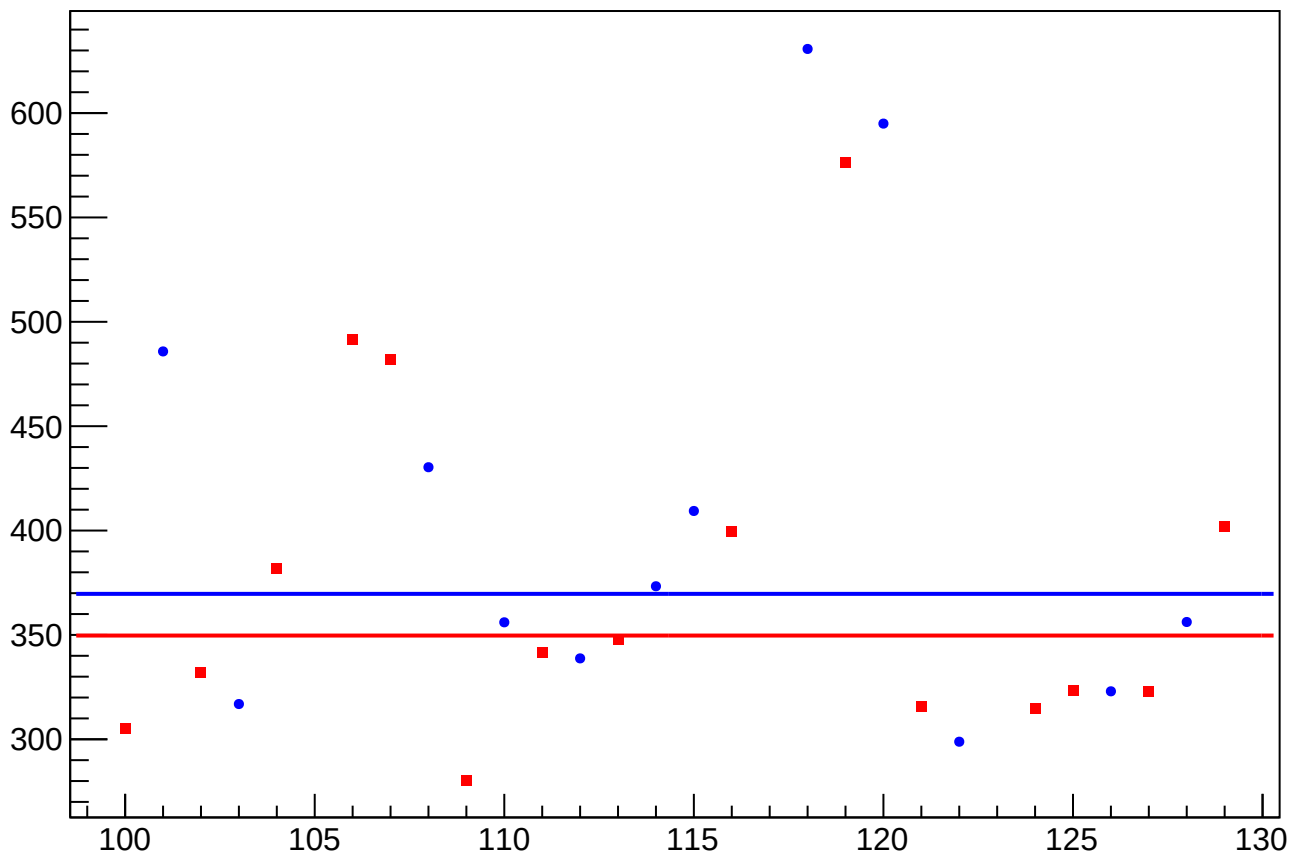
Right: -0.005 ± 0.112 χ^2/NDF : 30.6/26

In: -0.033 ± 0.170 χ^2/NDF : 5.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.005 ± 0.112 χ^2/NDF : 30.6/26

diff_targ_thetaY_rms vs Slug, Sign Corrected



Right In: 369.670 ± 0.120 $\chi^2/\text{NDF}: 479887.2/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 349.699 ± 0.104 $\chi^2/\text{NDF}: 390972.7/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

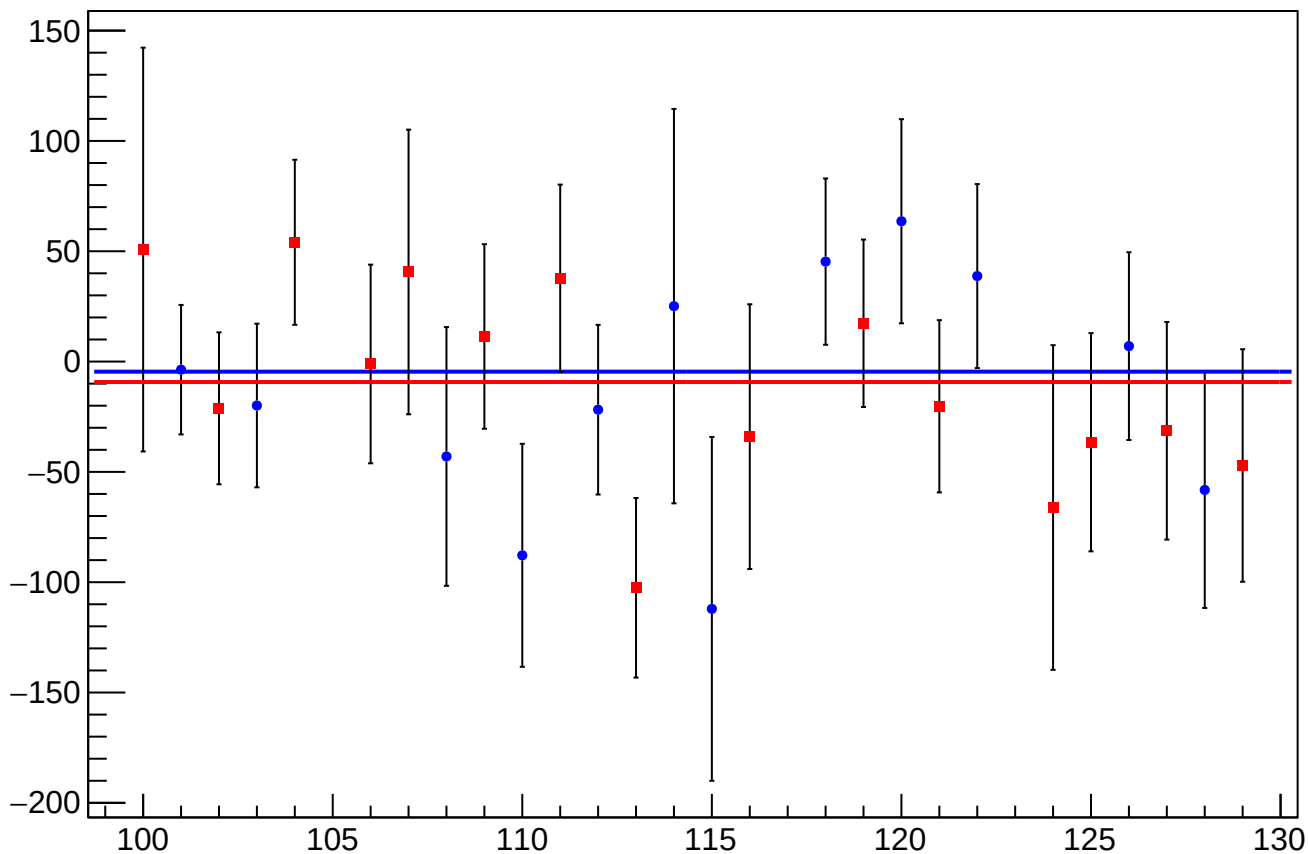
Right: 358.283 ± 0.079 $\chi^2/\text{NDF}: 886567.1/26$

In: 369.670 ± 0.120 $\chi^2/\text{NDF}: 479887.2/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 358.283 ± 0.079 $\chi^2/\text{NDF}: 886567.1/26$

diff_bpmE_mean vs Slug, Sign Corrected



Right In: -4.573+/-12.715 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

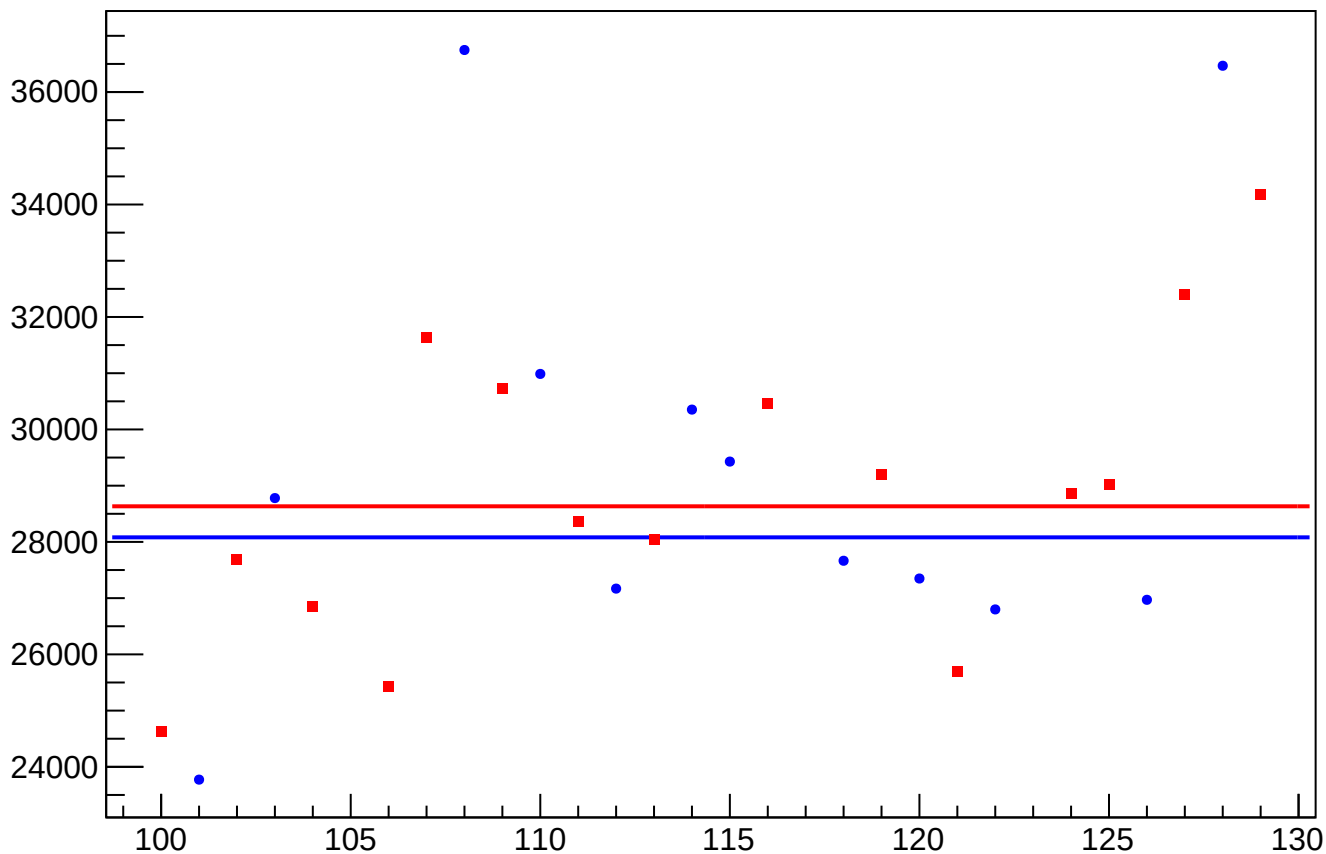
Right: -7.088+/-8.664 χ^2/NDF : 24.8/26

In: -4.573+/-12.715 χ^2/NDF : 11.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.088+/-8.664 χ^2/NDF : 24.8/26

diff_bpmE_rms vs Slug, Sign Corrected



Right In: 28081.179+/-8.991 χ^2/NDF : 150332.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

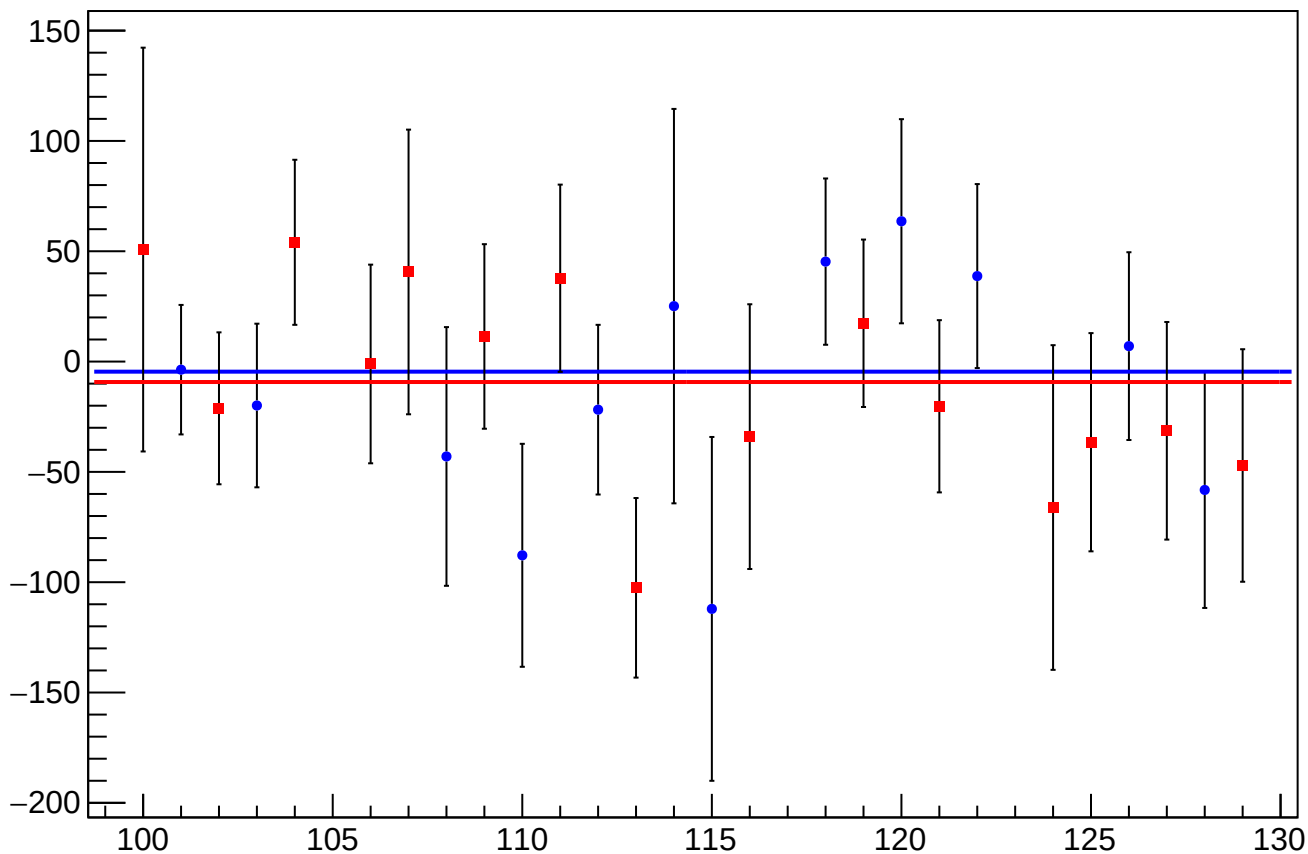
Right: 28376.875+/-6.126 χ^2/NDF : 229778.9/26

In: 28081.179+/-8.991 χ^2/NDF : 150332.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28376.875+/-6.126 χ^2/NDF : 229778.9/26

diff_bpmEX_mean vs Slug, Sign Corrected



Right In: -4.573+/-12.715 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

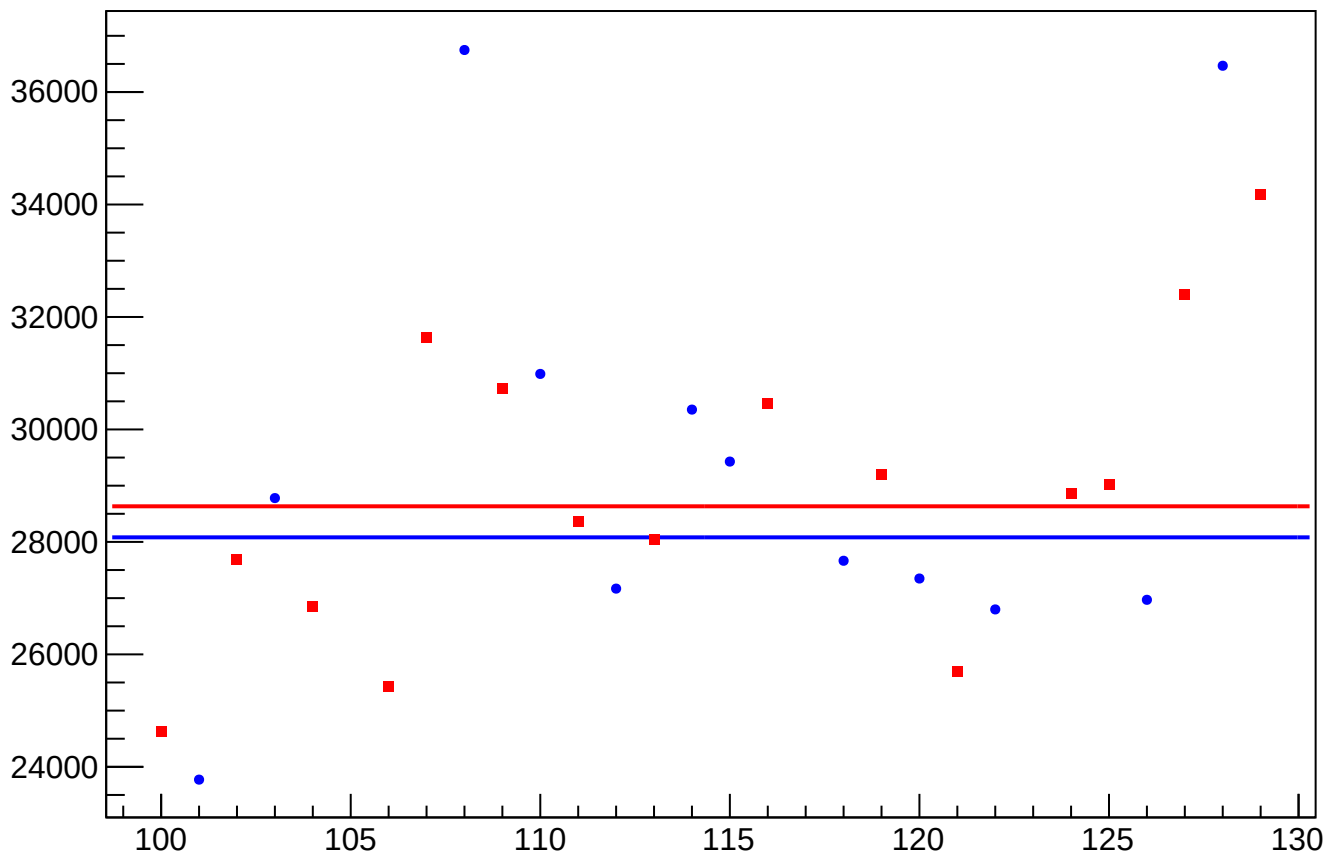
Right: -7.088+/-8.664 χ^2/NDF : 24.8/26

In: -4.573+/-12.715 χ^2/NDF : 11.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.088+/-8.664 χ^2/NDF : 24.8/26

diff_bpmEX_rms vs Slug, Sign Corrected



Right In: 28081.179+/-8.991 χ^2/NDF : 150332.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

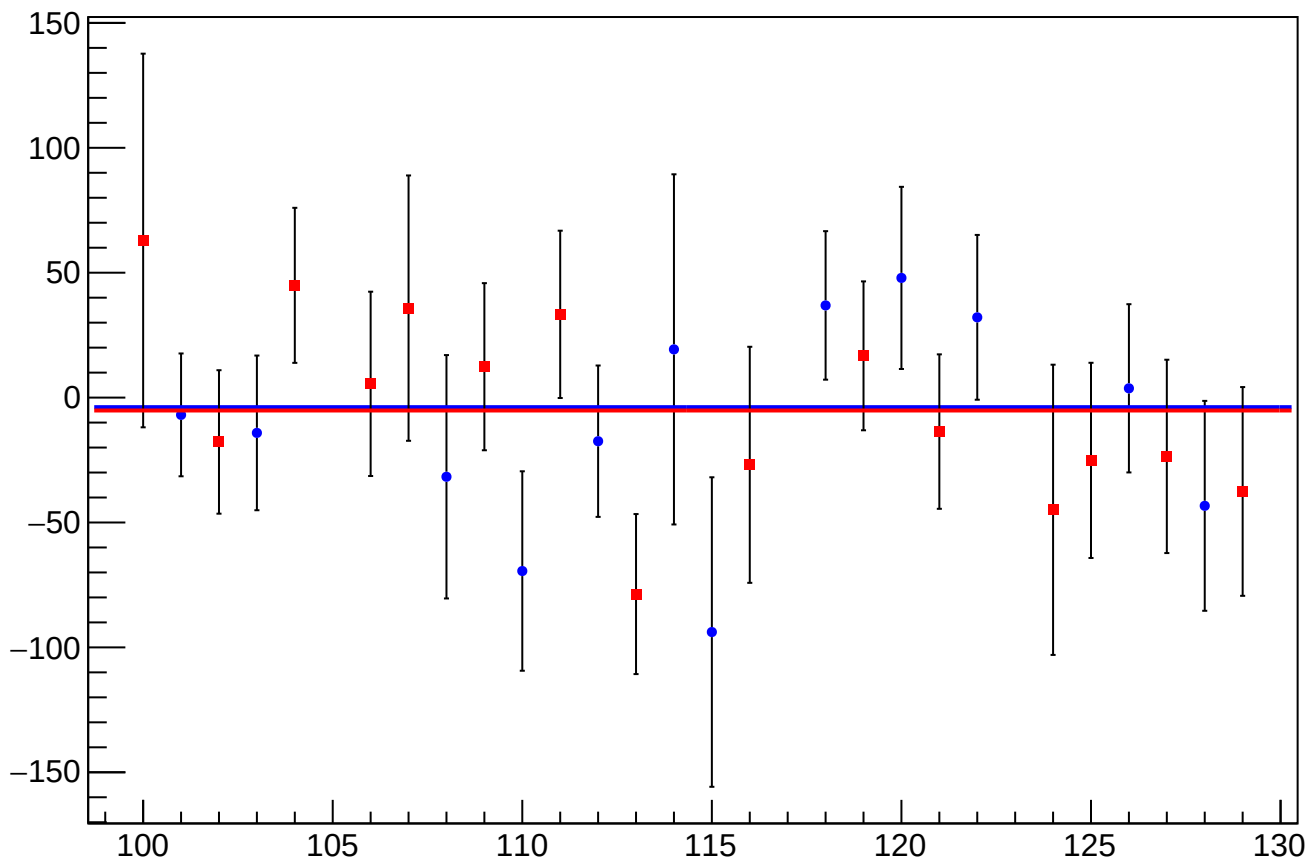
Right: 28376.875+/-6.126 χ^2/NDF : 229778.9/26

In: 28081.179+/-8.991 χ^2/NDF : 150332.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28376.875+/-6.126 χ^2/NDF : 229778.9/26

diff_bpmE_11X12X_mean vs Slug, Sign Corrected



Right In: -3.829+/-10.233 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.162+/-9.496 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

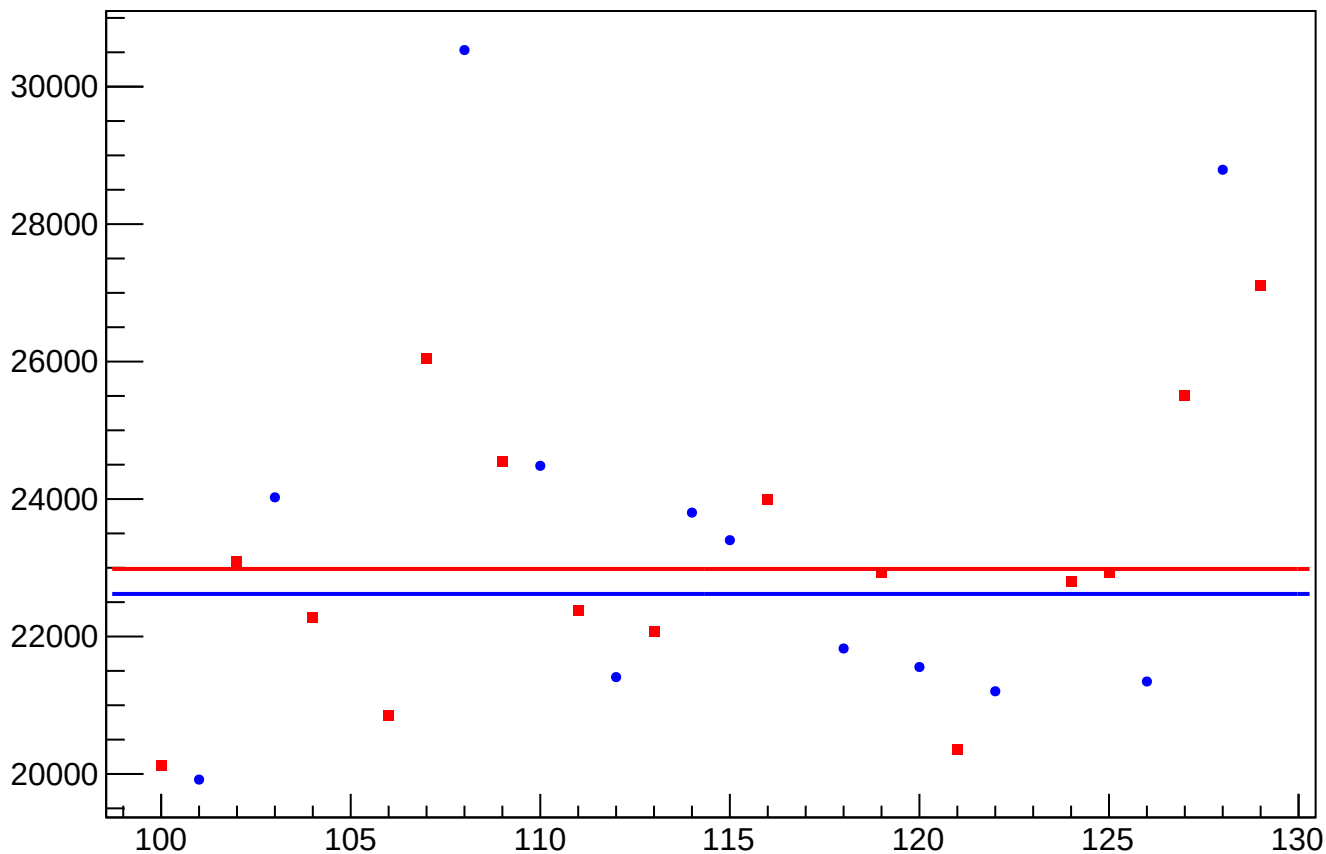
Right: -4.545+/-6.960 χ^2/NDF : 25.1/26

In: -3.829+/-10.233 χ^2/NDF : 11.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.545+/-6.960 χ^2/NDF : 25.1/26

diff_bpmE_11X12X_rms vs Slug, Sign Corrected



Right In: 22619.448+/-7.236 χ^2/NDF : 142301.0/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

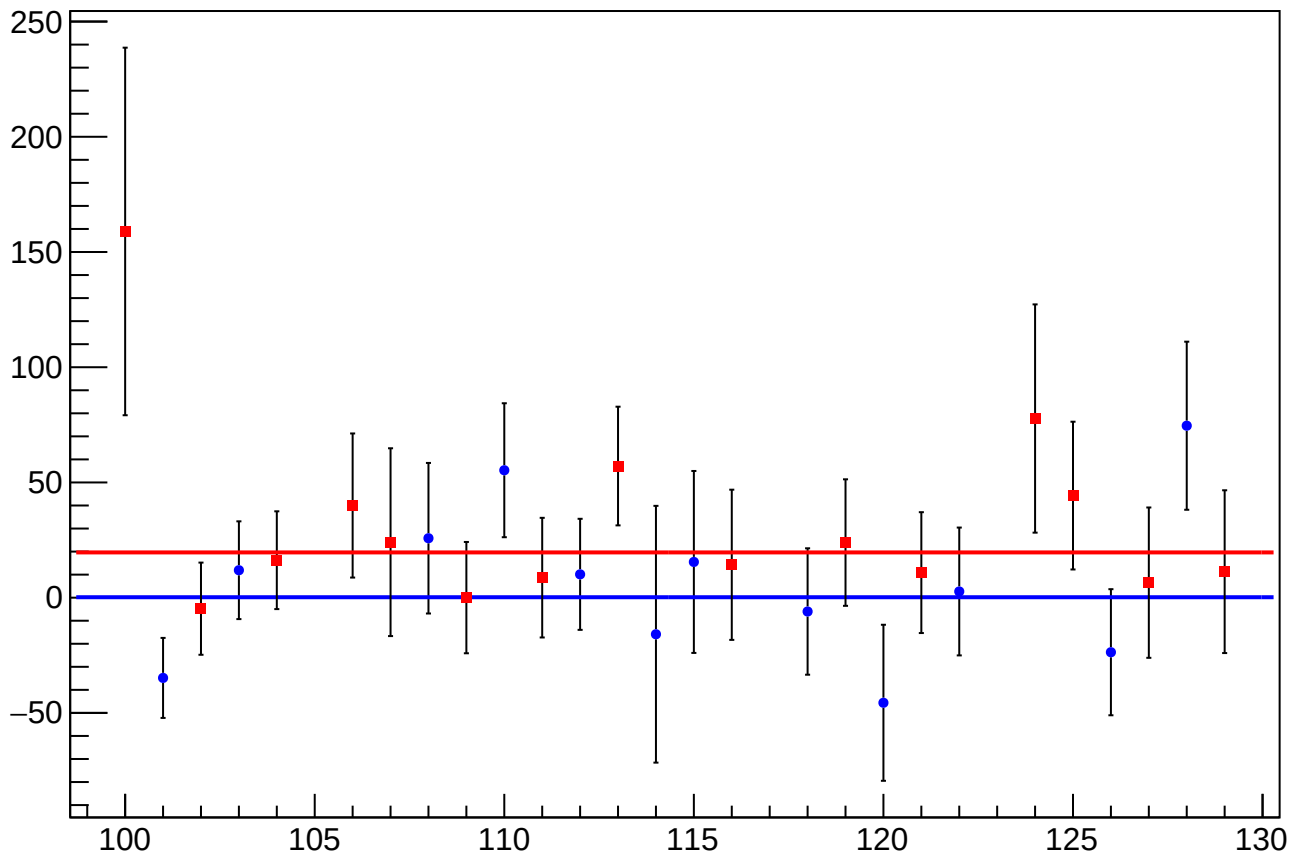
Right: 22814.874+/-4.922 χ^2/NDF : 210878.7/26

In: 22619.448+/-7.236 χ^2/NDF :142301.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 22814.874+/-4.922 χ^2/NDF : 210878.7/26

diff_bpm4aesumX_mean vs Slug, Sign Corrected



Right In: 0.194+/-7.921 χ^2/NDF : 15.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

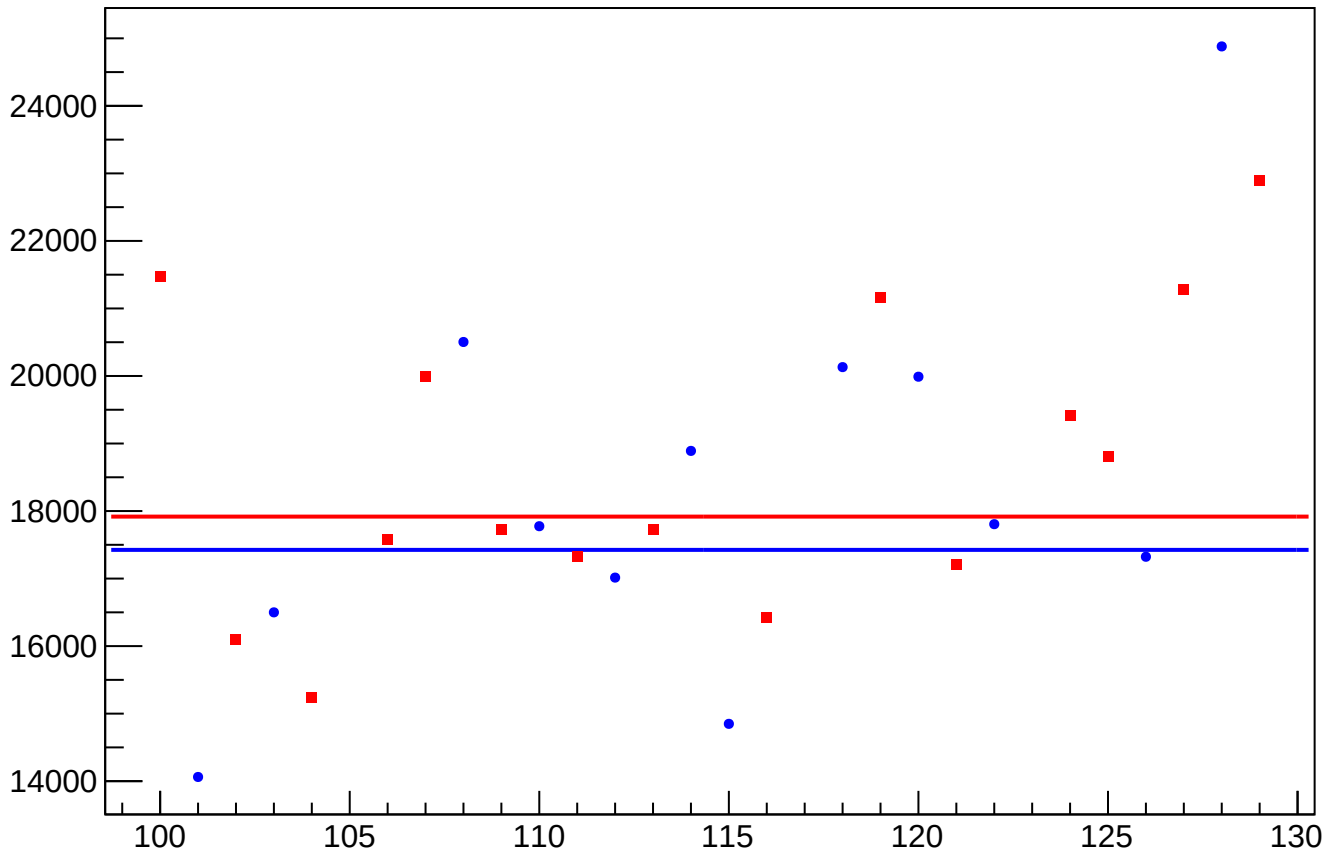
Right: 10.524+/-5.424 χ^2/NDF : 29.3/26

In: 0.194+/-7.921 χ^2/NDF : 15.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.524+/-5.424 χ^2/NDF : 29.3/26

diff_bpm4aesumX_rms vs Slug, Sign Corrected



Right In: 17424.897+/-5.601 χ^2/NDF : 222309.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

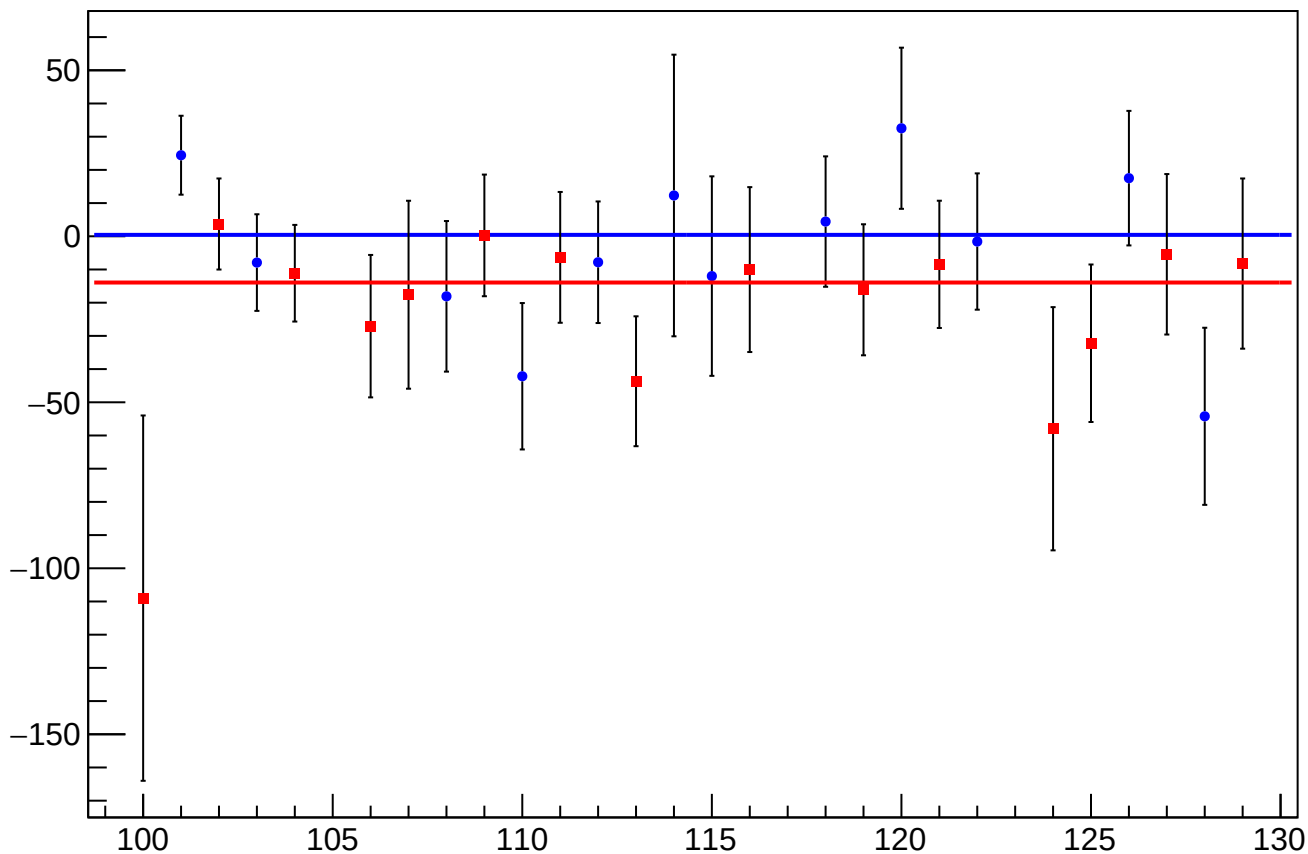
Right: 17686.670+/-3.835 χ^2/NDF : 383408.9/26

In: 17424.897+/-5.601 χ^2/NDF : 222309.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17686.670+/-3.835 χ^2/NDF : 383408.9/26

diff_bpm4aediffX_mean vs Slug, Sign Corrected



Right In: 0.427+/-5.684 χ^2/NDF : 16.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

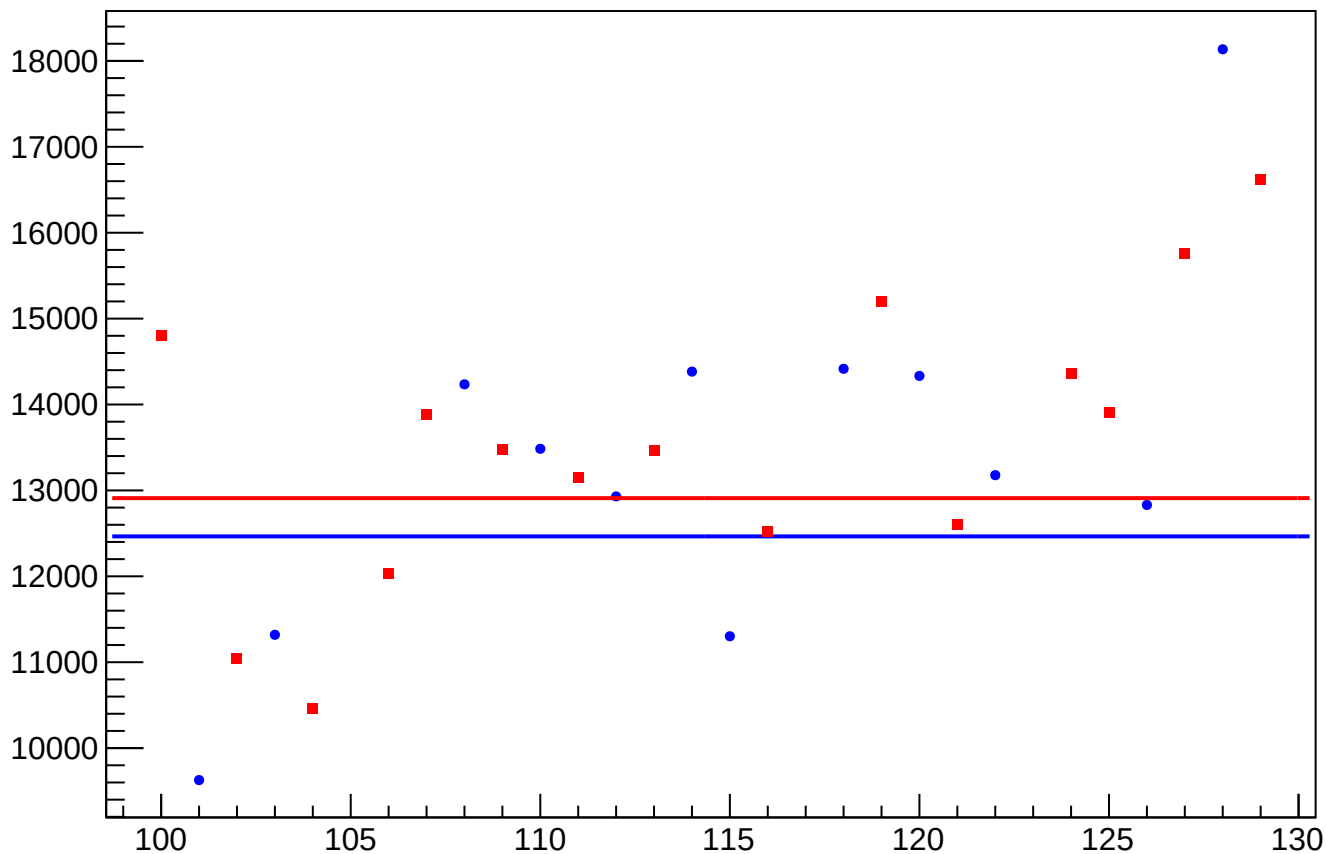
Right: -7.152+/-3.905 χ^2/NDF : 29.8/26

In: 0.427+/-5.684 χ^2/NDF : 16.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.152+/-3.905 χ^2/NDF : 29.8/26

diff_bpm4aediX_rms vs Slug, Sign Corrected



Right In: 12464.757+/-4.019 χ^2/NDF : 276187.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

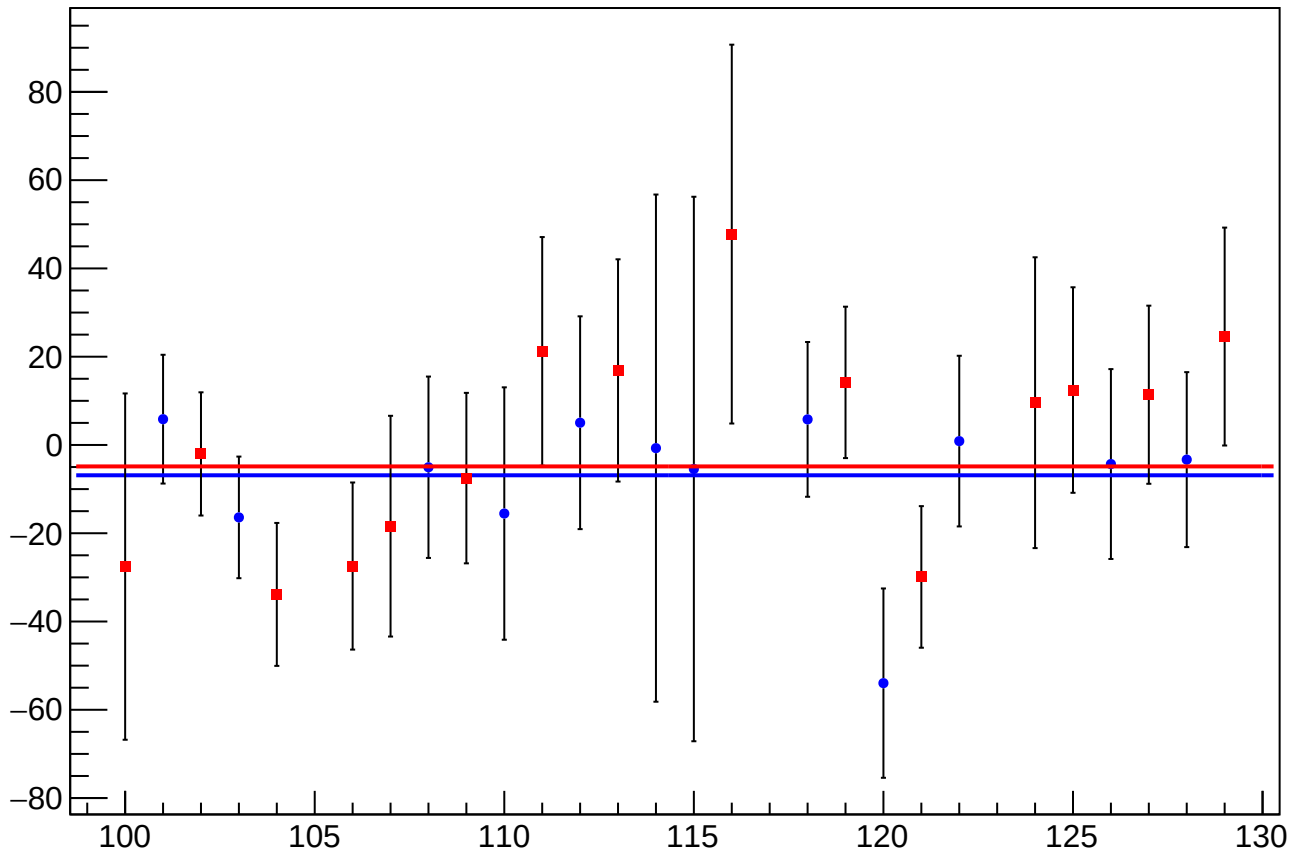
Right: 12699.855+/-2.761 χ^2/NDF : 493088.6/26

In: 12464.757+/-4.019 χ^2/NDF : 276187.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12699.855+/-2.761 χ^2/NDF : 493088.6/26

diff_bpm4aesumY_mean vs Slug, Sign Corrected



Right In: -6.869+/-5.908 χ^2/NDF : 7.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

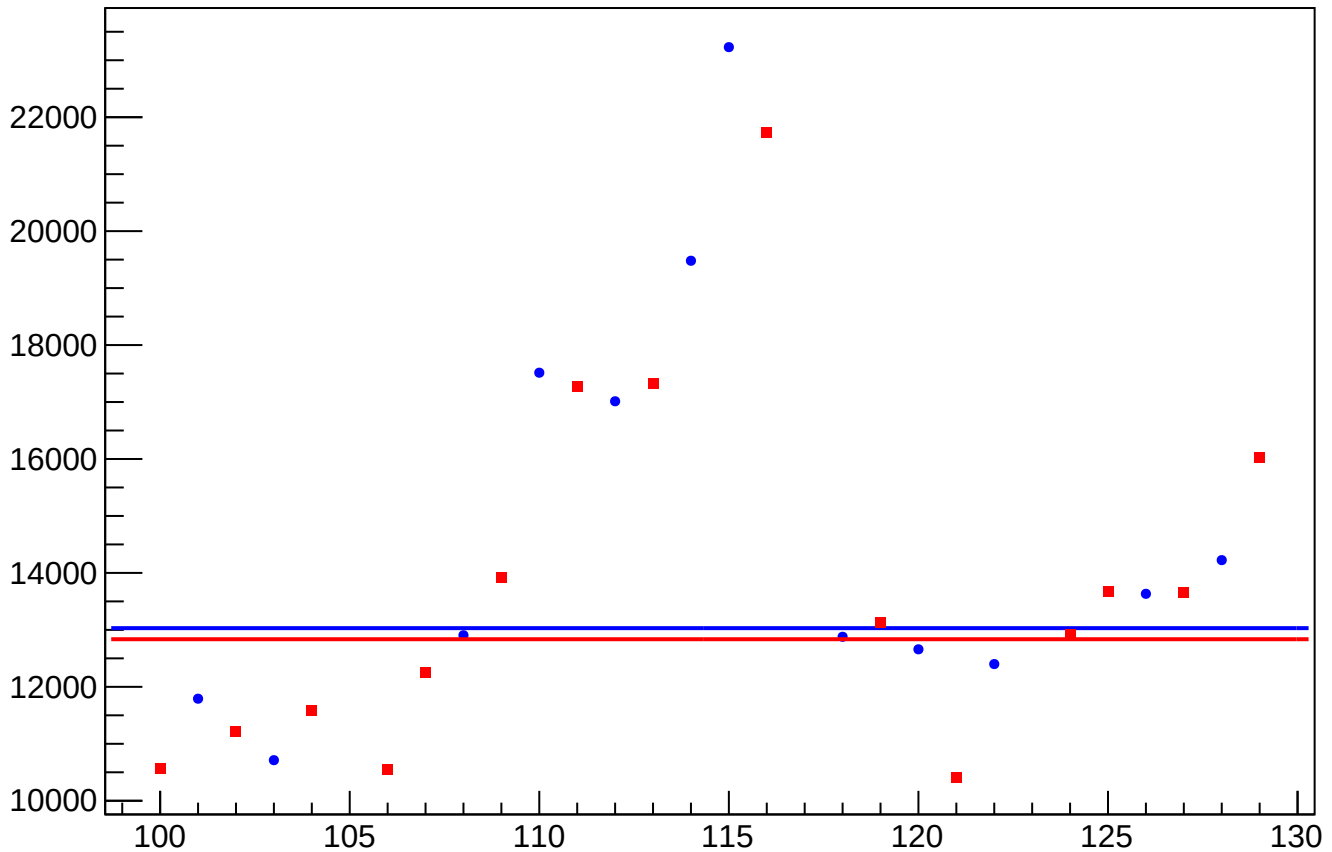
Right: -5.773+/-3.982 χ^2/NDF : 22.3/26

In: -6.869+/-5.908 χ^2/NDF : 7.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.773+/-3.982 χ^2/NDF : 22.3/26

diff_bpm4aesumY_rms vs Slug, Sign Corrected



Right In: 13030.436+/-4.178 χ^2/NDF : 266449.4/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

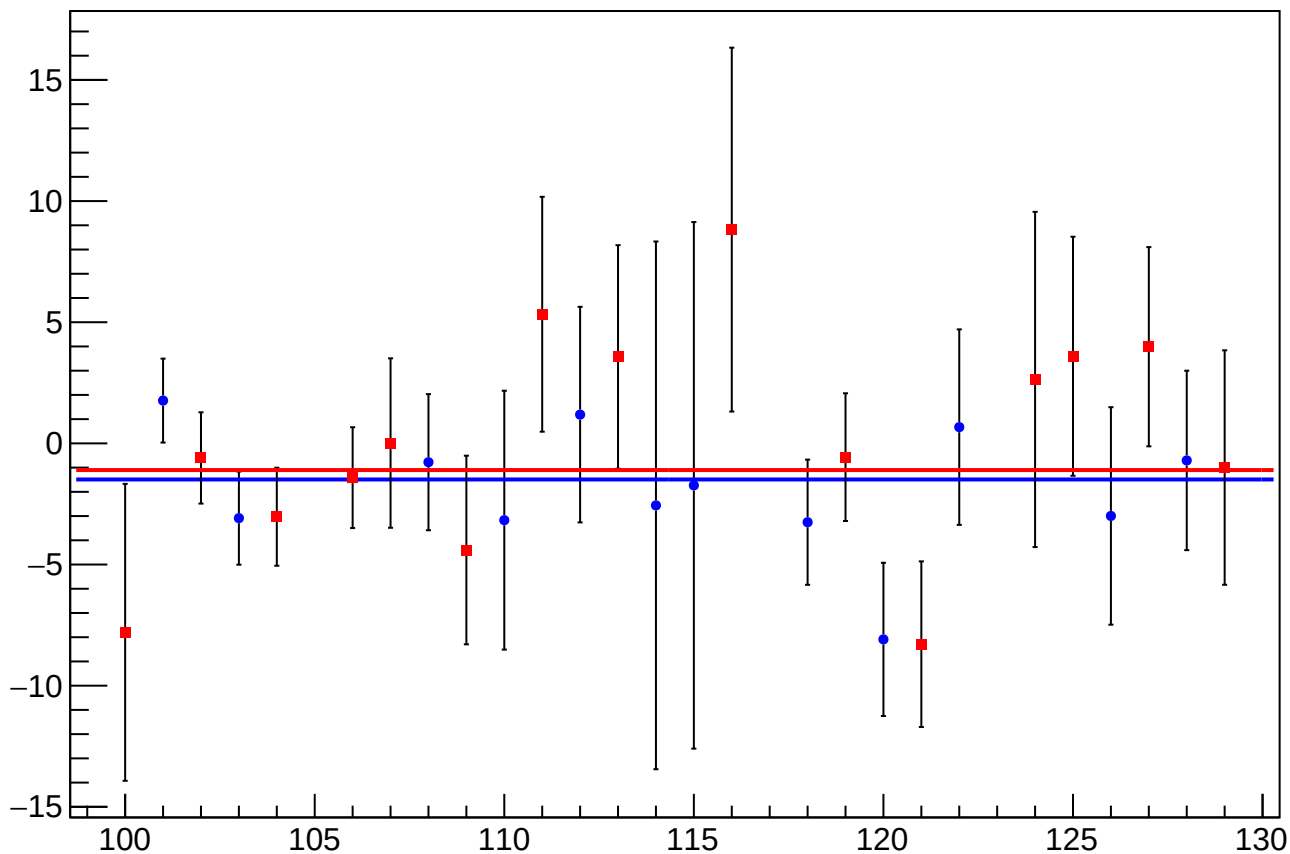
Right: 12924.350+/-2.816 χ^2/NDF : 643600.8/26

In: 13030.436+/-4.178 χ^2/NDF :266449.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 12924.350+/-2.816 χ^2/NDF : 643600.8/26

diff_bpm4aediY_mean vs Slug, Sign Corrected



Right In: -1.490 ± 0.888 $\chi^2/\text{NDF}: 10.0/11$

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 $\chi^2/\text{NDF}: 0.0/0$

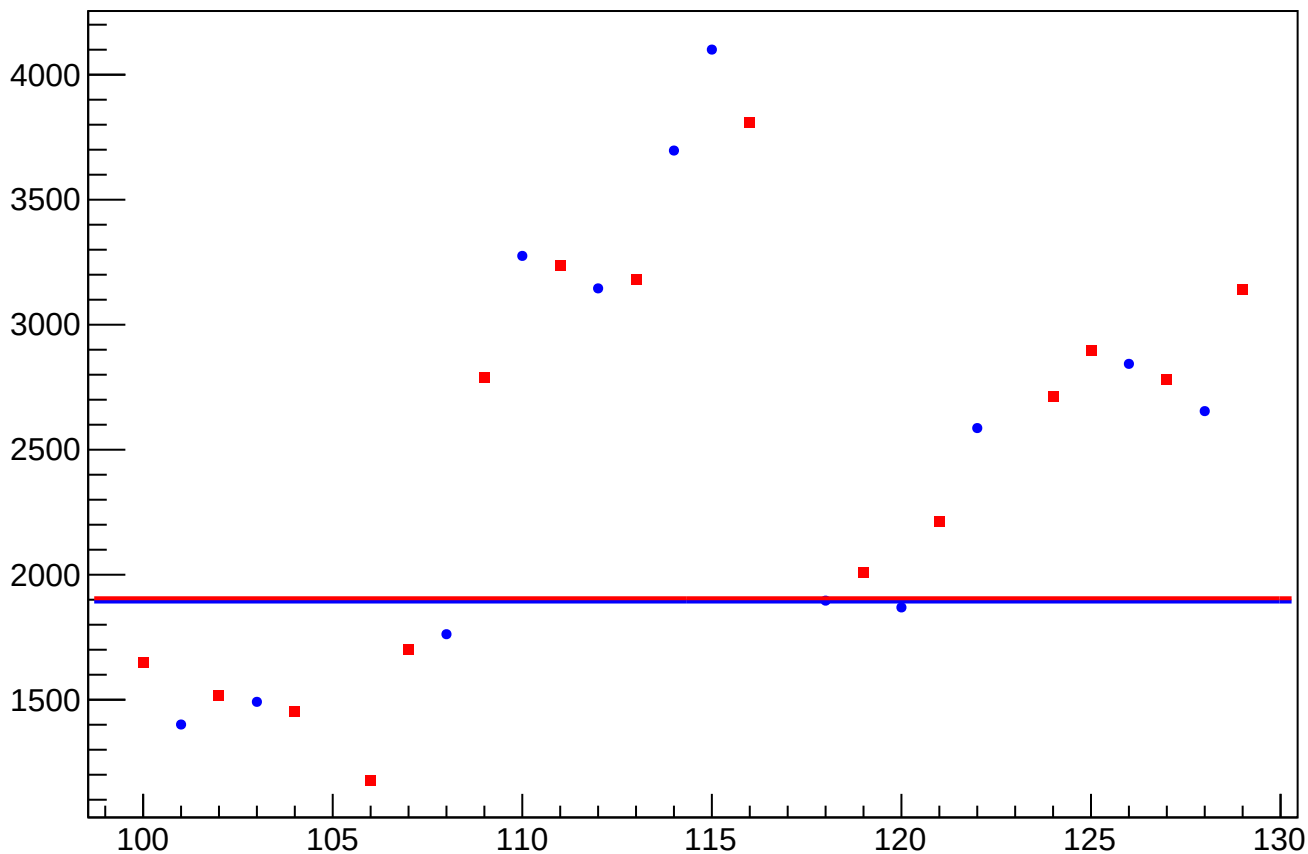
Right: -1.283 ± 0.609 $\chi^2/\text{NDF}: 24.9/26$

In: -1.490 ± 0.888 $\chi^2/\text{NDF}: 10.0/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.283 ± 0.609 $\chi^2/\text{NDF}: 24.9/26$

diff_bpm4aediffY_rms vs Slug, Sign Corrected



Right In: 1892.782+/-0.628 χ^2/NDF : 916370.8/11

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

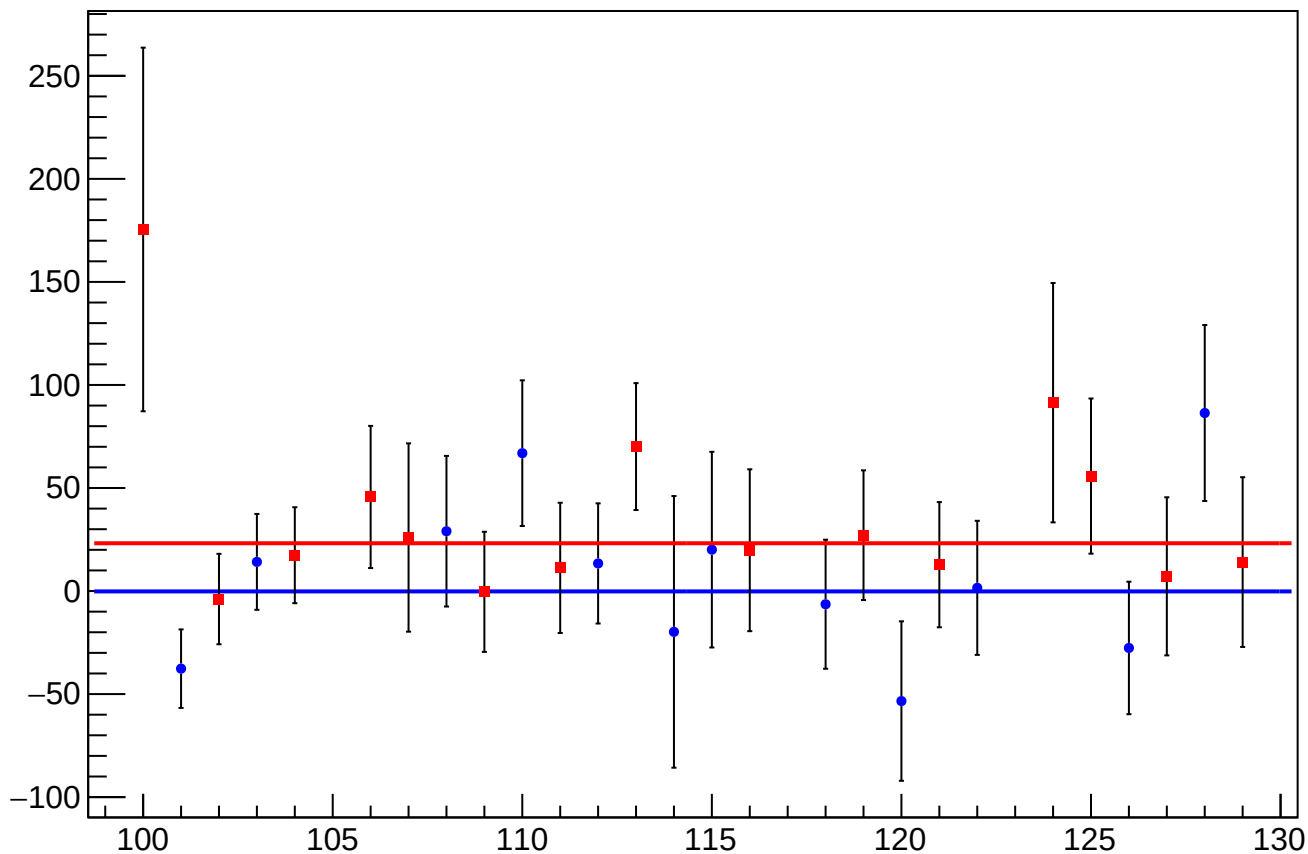
Right: 1899.707+/-0.430 χ^2/NDF : 2240709.9/26

In: 1892.782+/-0.628 χ^2/NDF :916370.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1899.707+/-0.430 χ^2/NDF : 2240709.9/26

diff_bpmtargetsumX_mean vs Slug, Sign Corrected



Right In: -0.181 ± 9.071 χ^2/NDF : 15.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 23.167 ± 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

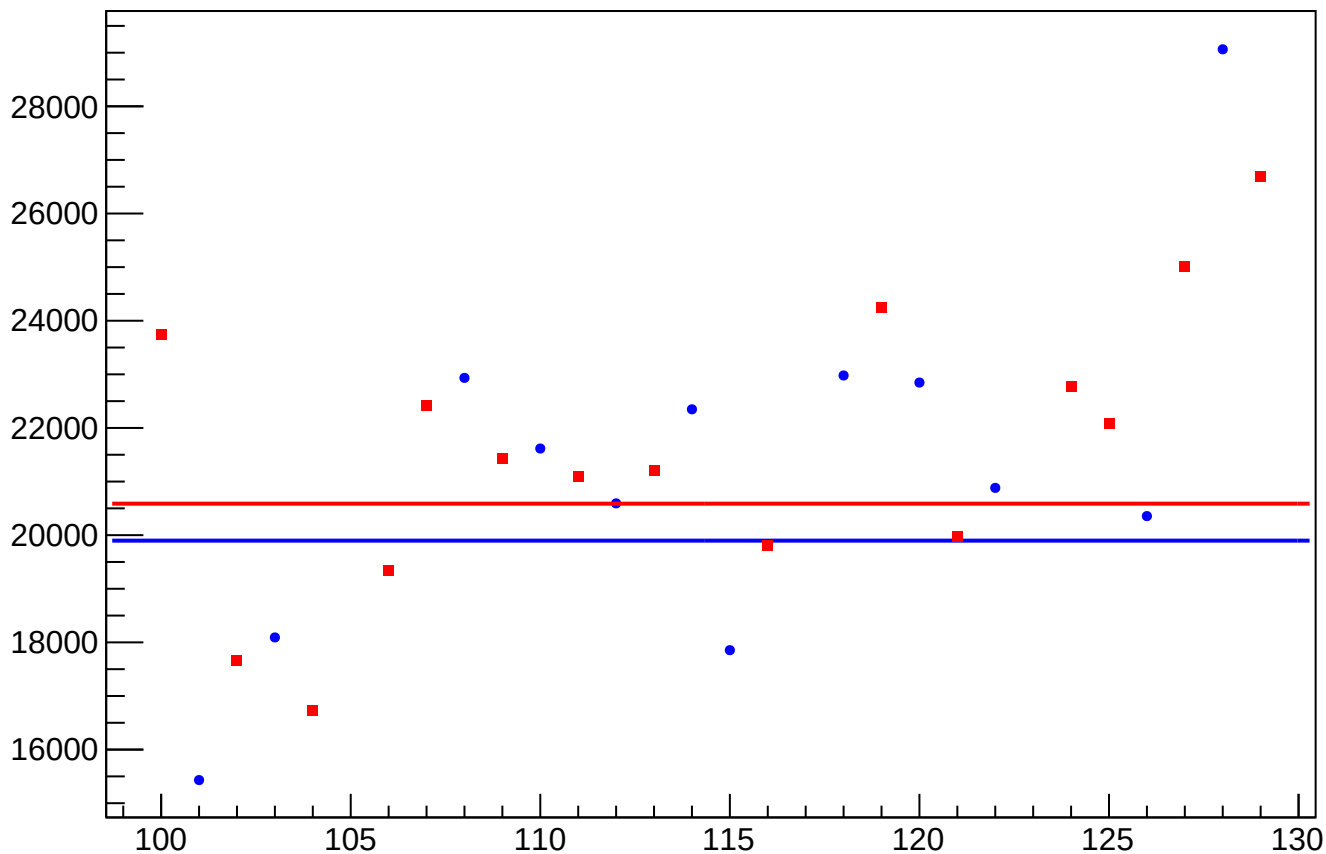
Right: 12.167 ± 6.229 χ^2/NDF : 29.9/26

In: -0.181 ± 9.071 χ^2/NDF : 15.8/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 12.167 ± 6.229 χ^2/NDF : 29.9/26

diff_bpmtargetsumX_rms vs Slug, Sign Corrected



Right In: 19897.790+/-6.414 χ^2/NDF : 273596.2/11

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

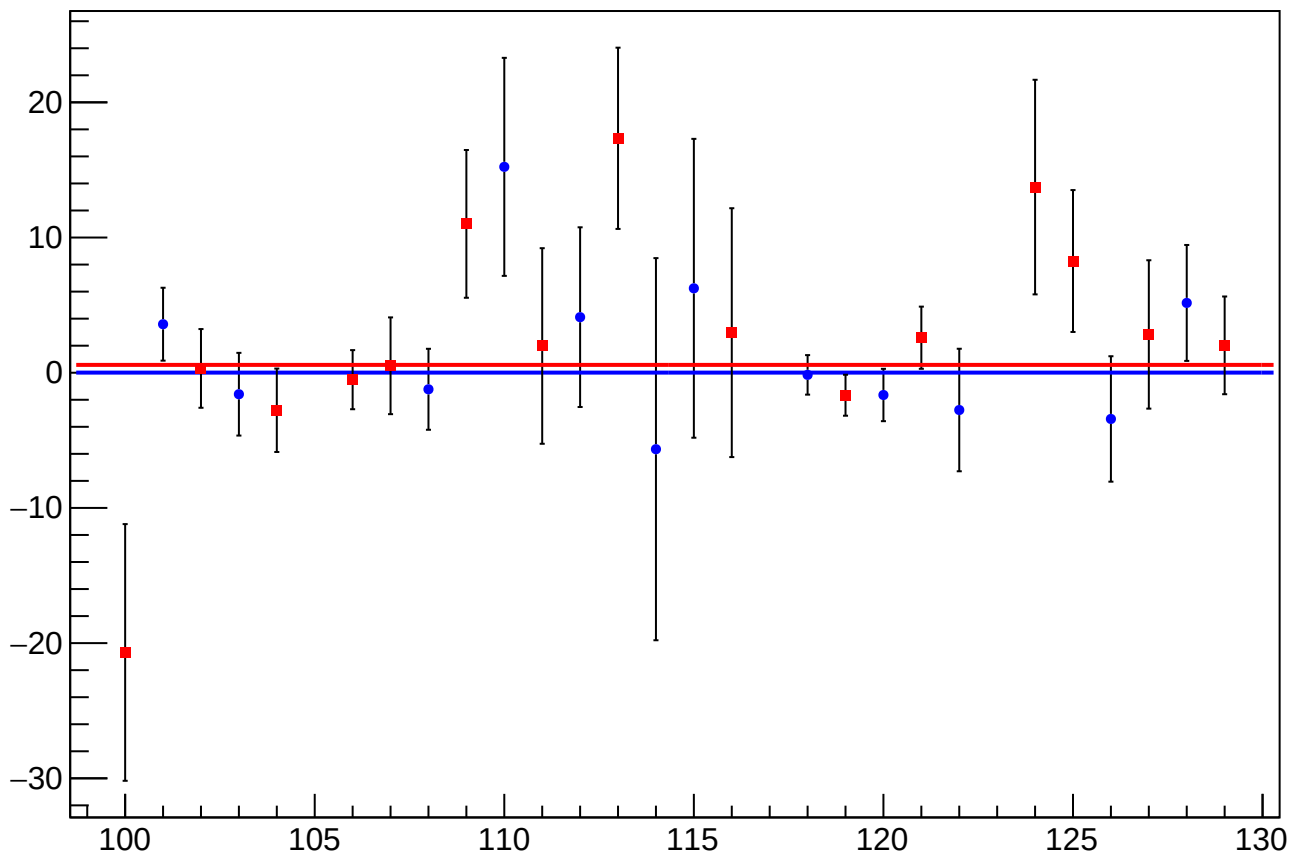
Right: 20262.329+/-4.405 χ^2/NDF : 487100.6/26

In: 19897.790+/-6.414 χ^2/NDF : 273596.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20262.329+/-4.405 χ^2/NDF : 487100.6/26

diff_bpmtargetdiffX_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.880 χ^2/NDF : 9.7/11

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

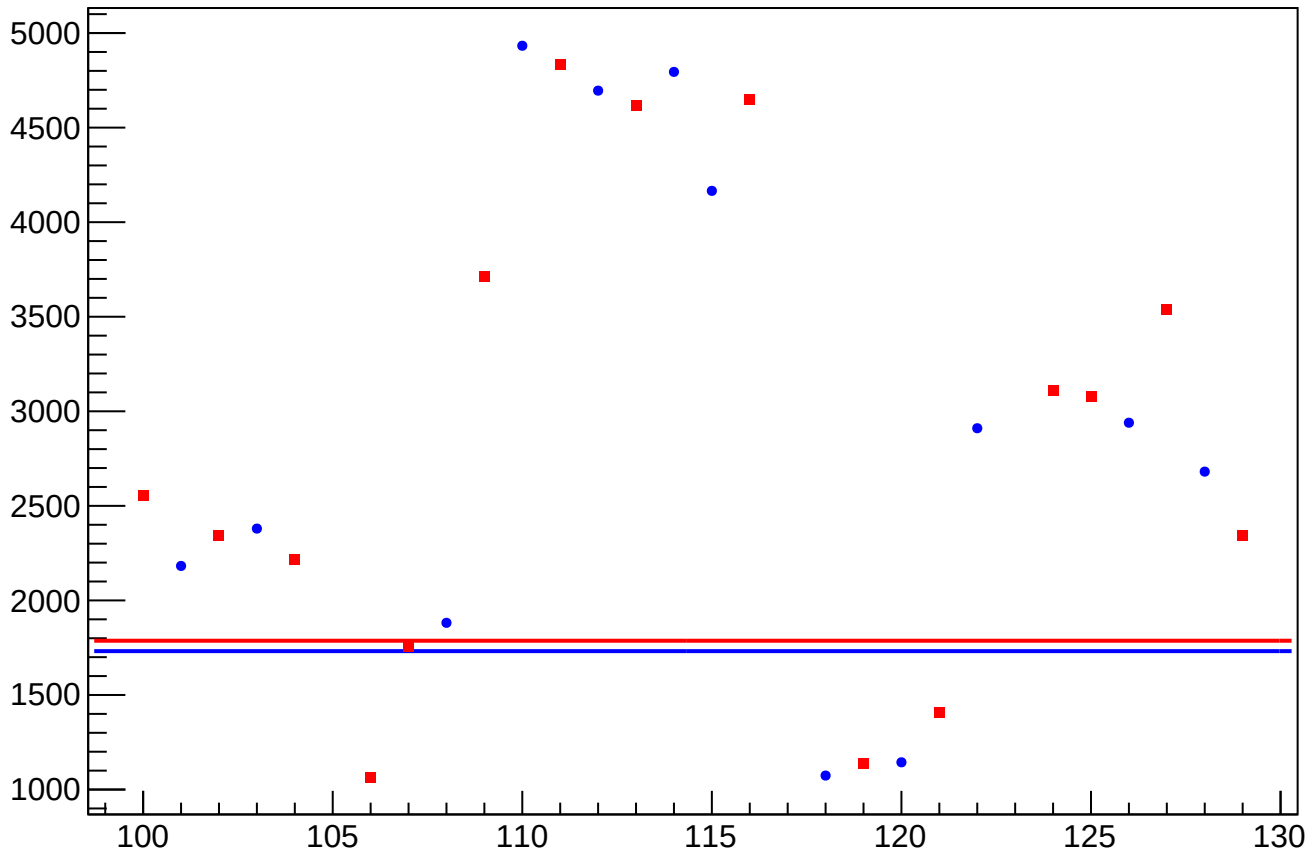
Right: 0.305+/-0.610 χ^2/NDF : 34.6/26

In: 0.009+/-0.880 χ^2/NDF : 9.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.305+/-0.610 χ^2/NDF : 34.6/26

diff_bpmtargetdiffX_rms vs Slug, Sign Corrected



Right In: 1731.852+/-0.622 χ^2/NDF : 2012715.5/11

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

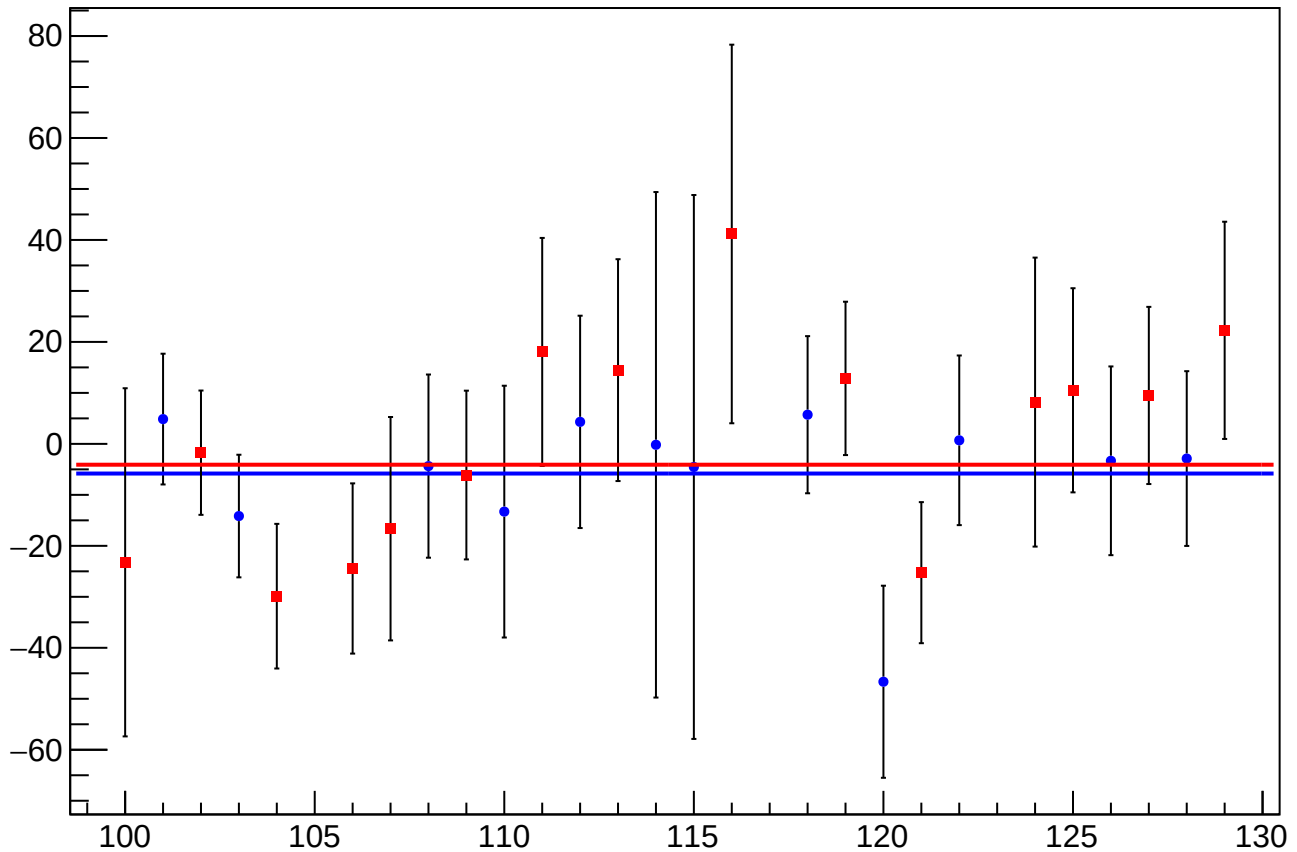
Right: 1760.426+/-0.431 χ^2/NDF : 4366534.9/26

In: 1731.852+/-0.622 χ^2/NDF :2012715.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1760.426+/-0.431 χ^2/NDF : 4366534.9/26

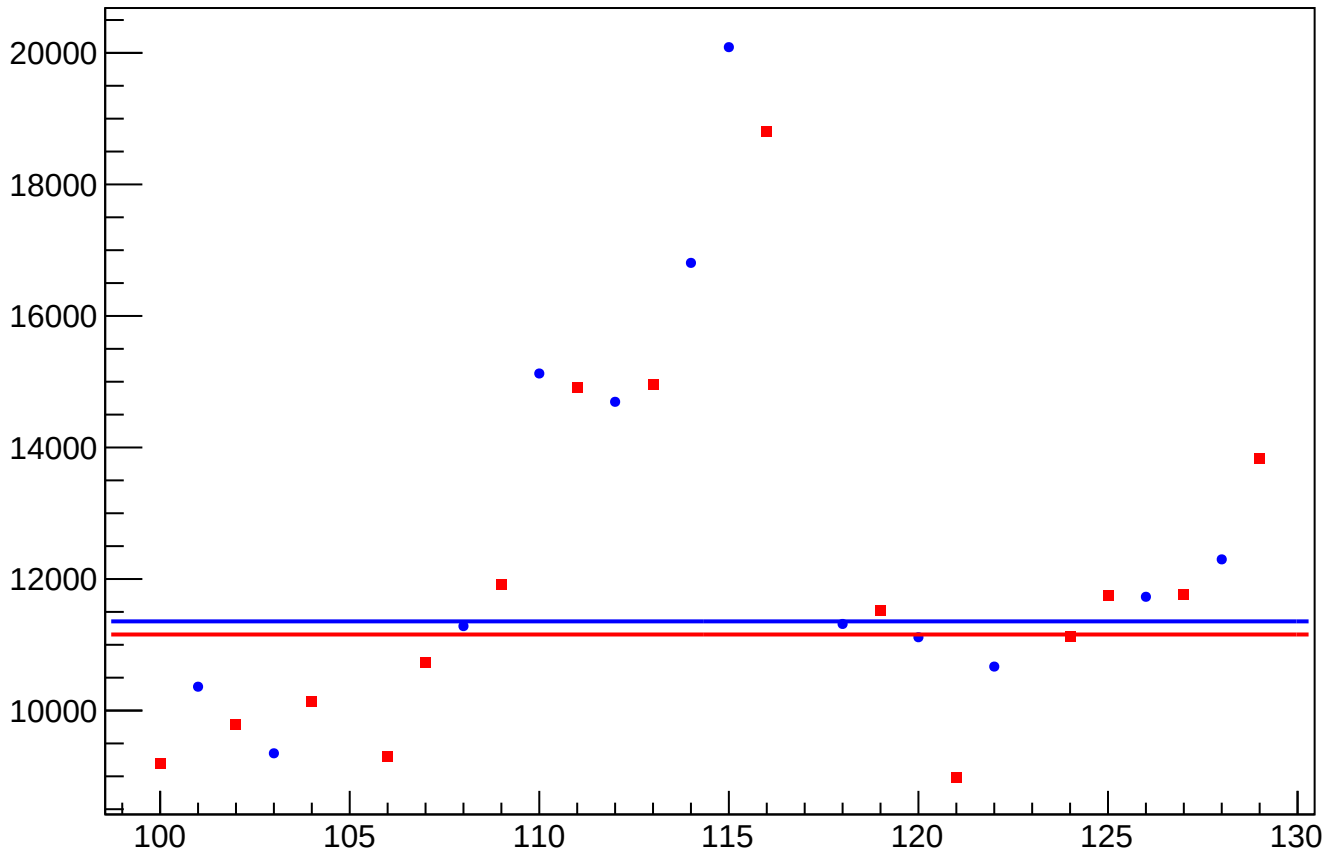
diff_bpmtargetsumY_mean vs Slug, Sign Corrected



Right In: -5.818+/-5.146 χ^2/NDF : 7.0/11
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -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: -4.871+/-3.463 χ^2/NDF : 22.2/26
 In: -5.818+/-5.146 χ^2/NDF : 7.0/11
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -4.871+/-3.463 χ^2/NDF : 22.2/26

diff_bpmtargetsumY_rms vs Slug, Sign Corrected



Right In: 11356.081+/-3.639 χ^2/NDF : 254074.6/11

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

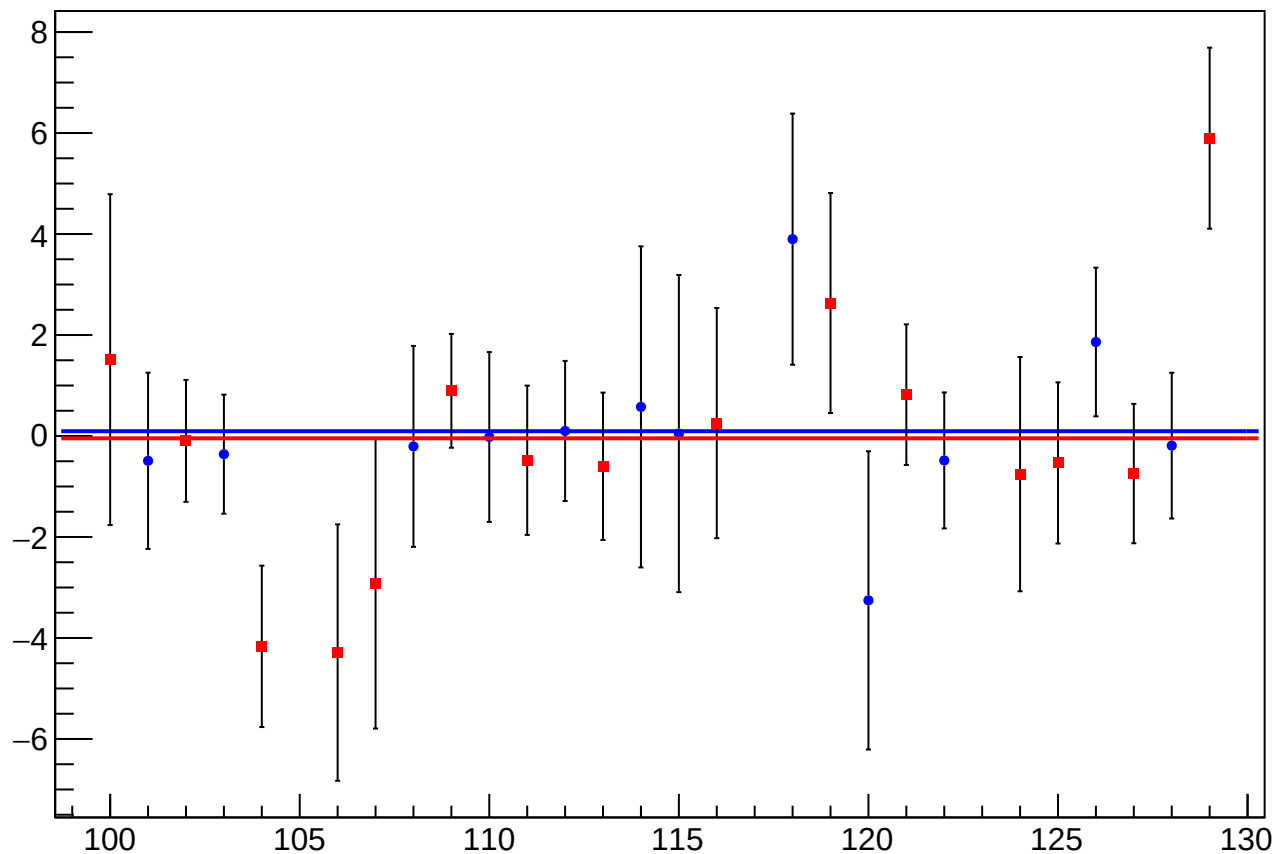
Right: 11246.912+/-2.449 χ^2/NDF : 615782.6/26

In: 11356.081+/-3.639 χ^2/NDF :254074.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 11246.912+/-2.449 χ^2/NDF : 615782.6/26

diff_bpmtargetdiffY_mean vs Slug, Sign Corrected



Right In: 0.095+/-0.491 χ^2/NDF : 5.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.046+/-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

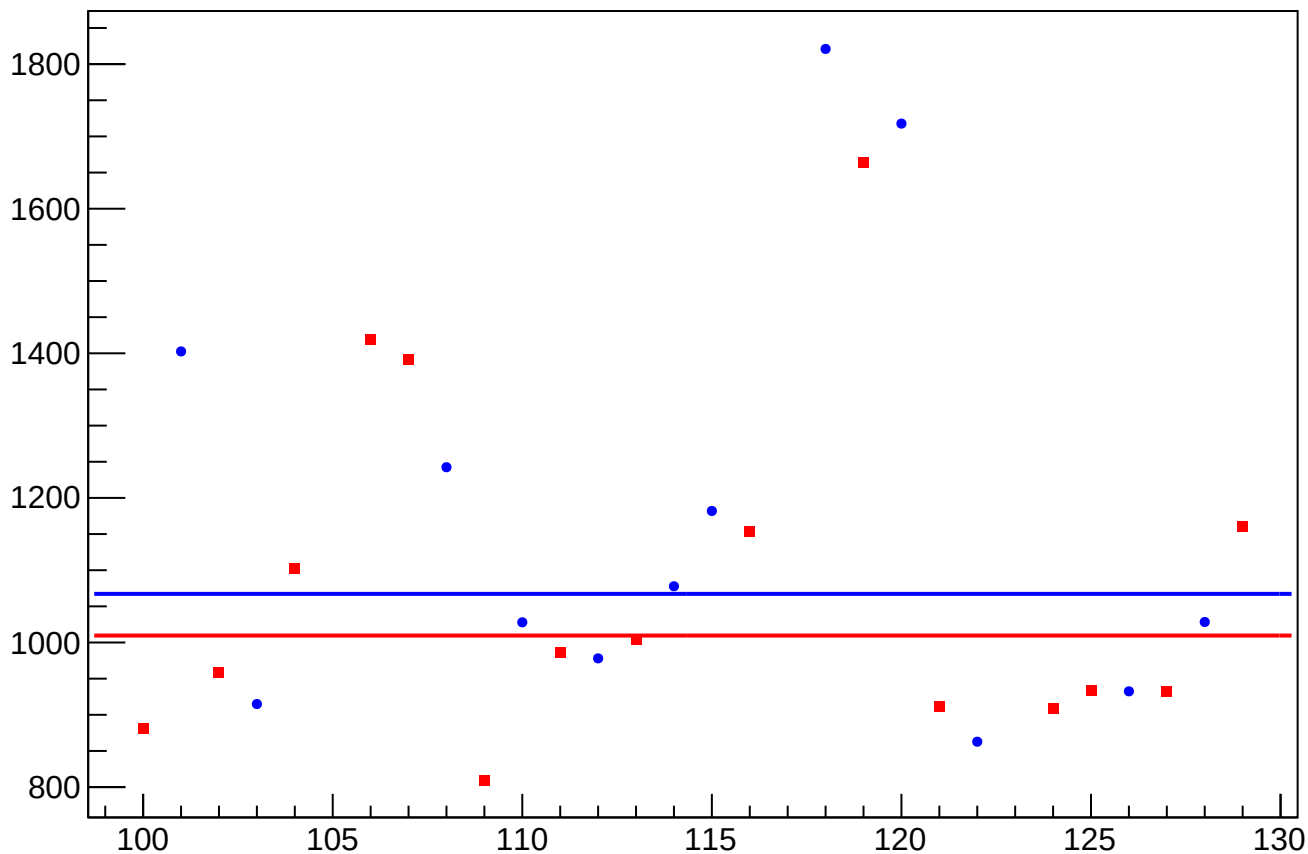
Right: 0.015+/-0.322 χ^2/NDF : 30.6/26

In: 0.095+/-0.491 χ^2/NDF : 5.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.322 χ^2/NDF : 30.6/26

diff_bpmtargetdiffY_rms vs Slug, Sign Corrected



Right In: 1067.280+/-0.347 χ^2/NDF : 479887.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

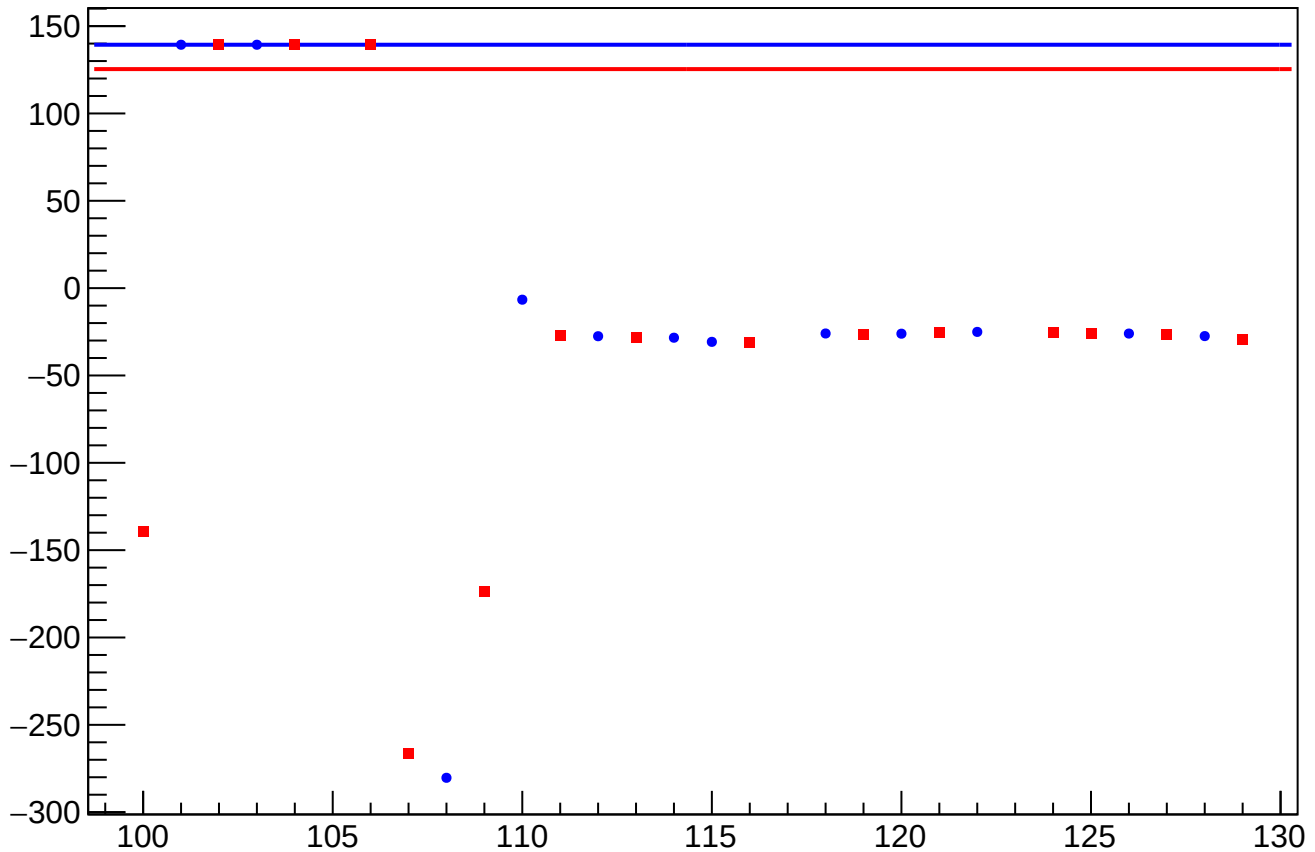
Right: 1034.404+/-0.228 χ^2/NDF : 886567.1/26

In: 1067.280+/-0.347 χ^2/NDF : 479887.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

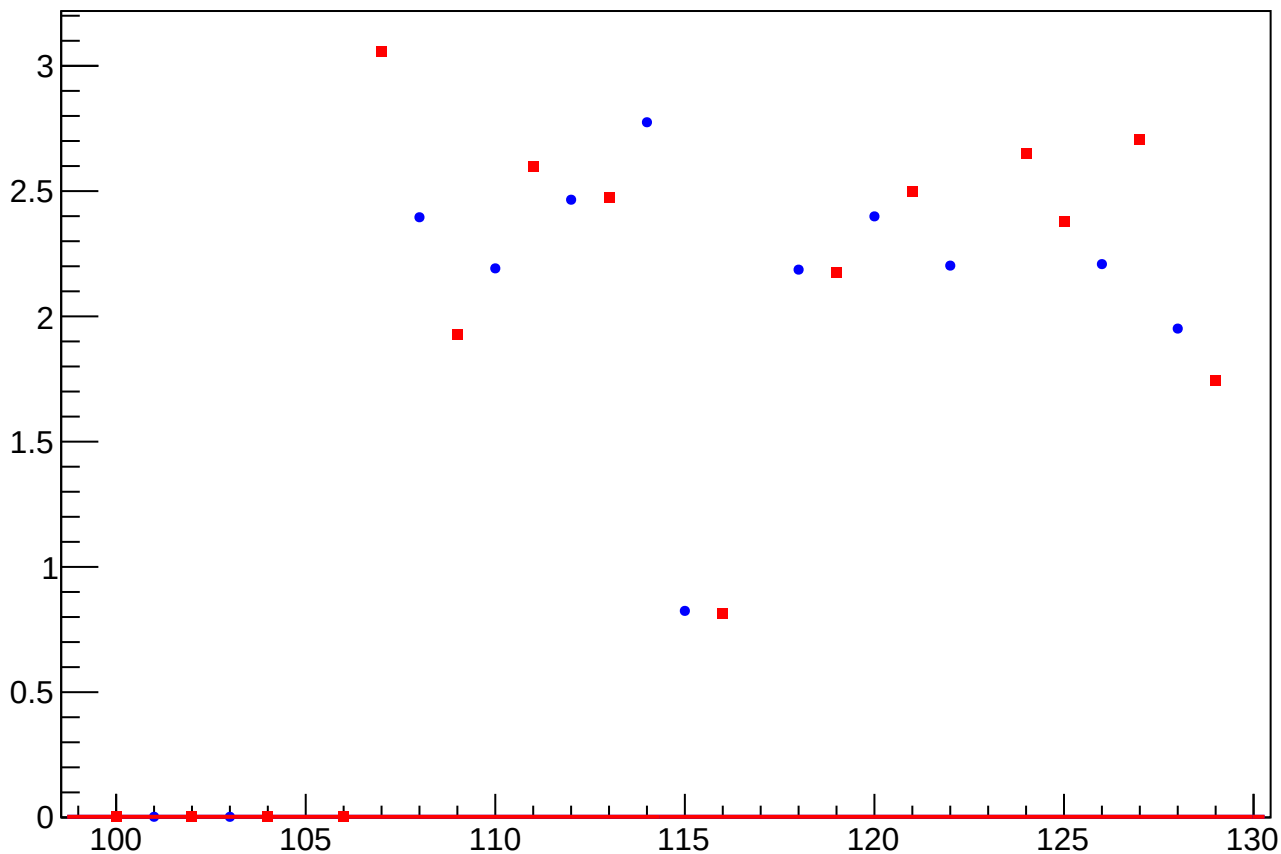
All: 1034.404+/-0.228 χ^2/NDF : 886567.1/26

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 139.337 $\pm$ 0.000 χ^2 /NDF: 28212823755.6/11
 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
 All: 131.819 $\pm$ 0.000 χ^2 /NDF: 792975354368061

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 6260629.4/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 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

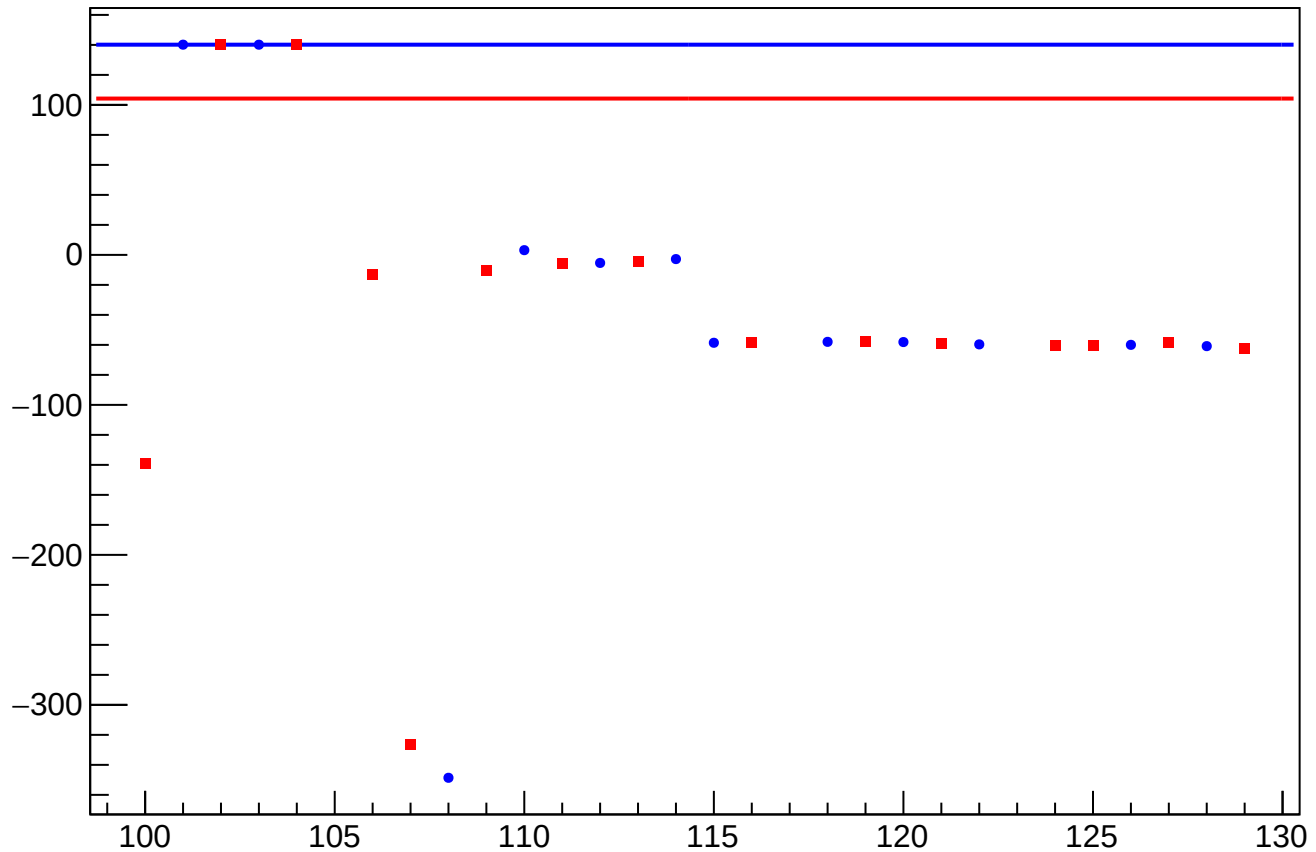
Right: 0.003+/-0.000 χ^2/NDF : 13689158.3/26

In: 0.003+/-0.000 χ^2/NDF :6260629.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 13689158.3/26

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 140.147+/-0.000 χ^2/NDF : 53362572860.6/11

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

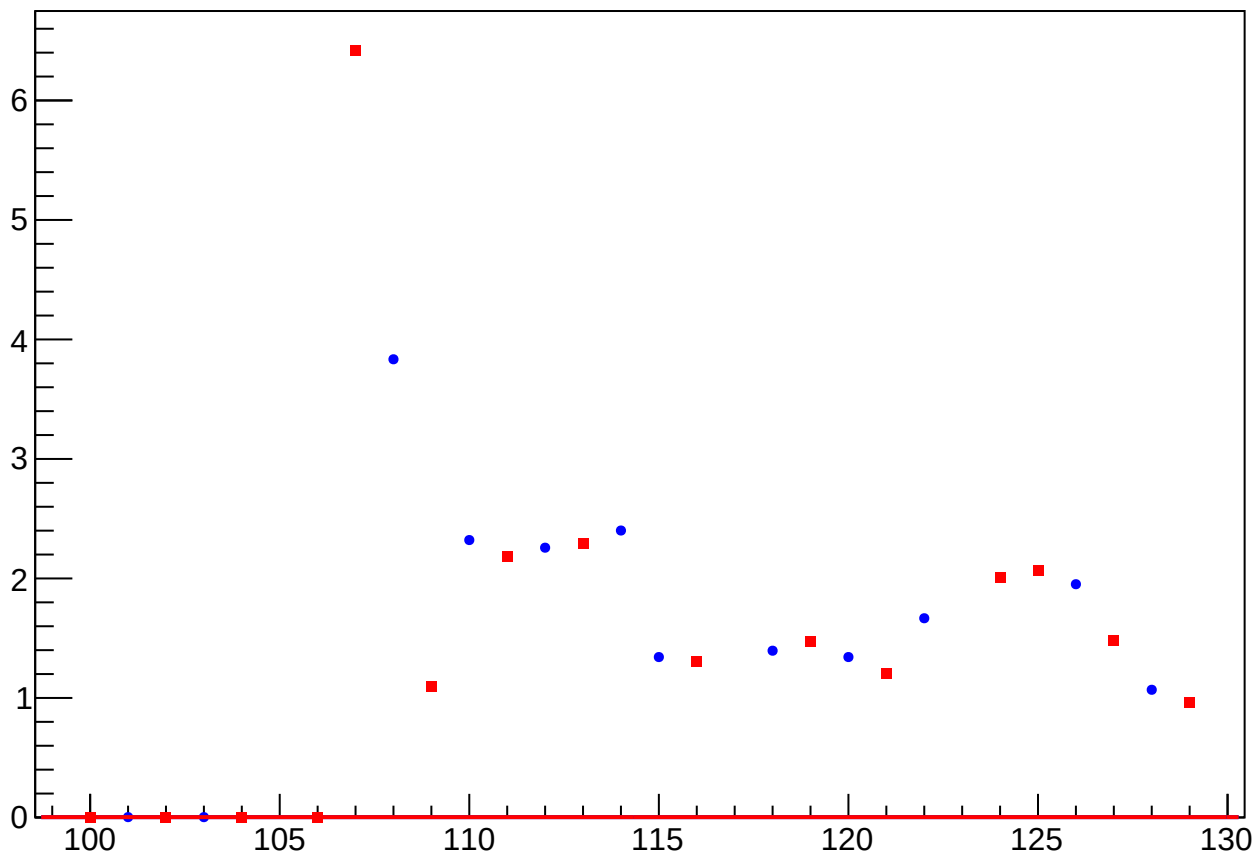
Right: 120.834+/-0.000 χ^2/NDF : 138070766148718

In: 140.147+/-0.000 χ^2/NDF : 53362572860.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.834+/-0.000 χ^2/NDF : 138070766148

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 6685788.1/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 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

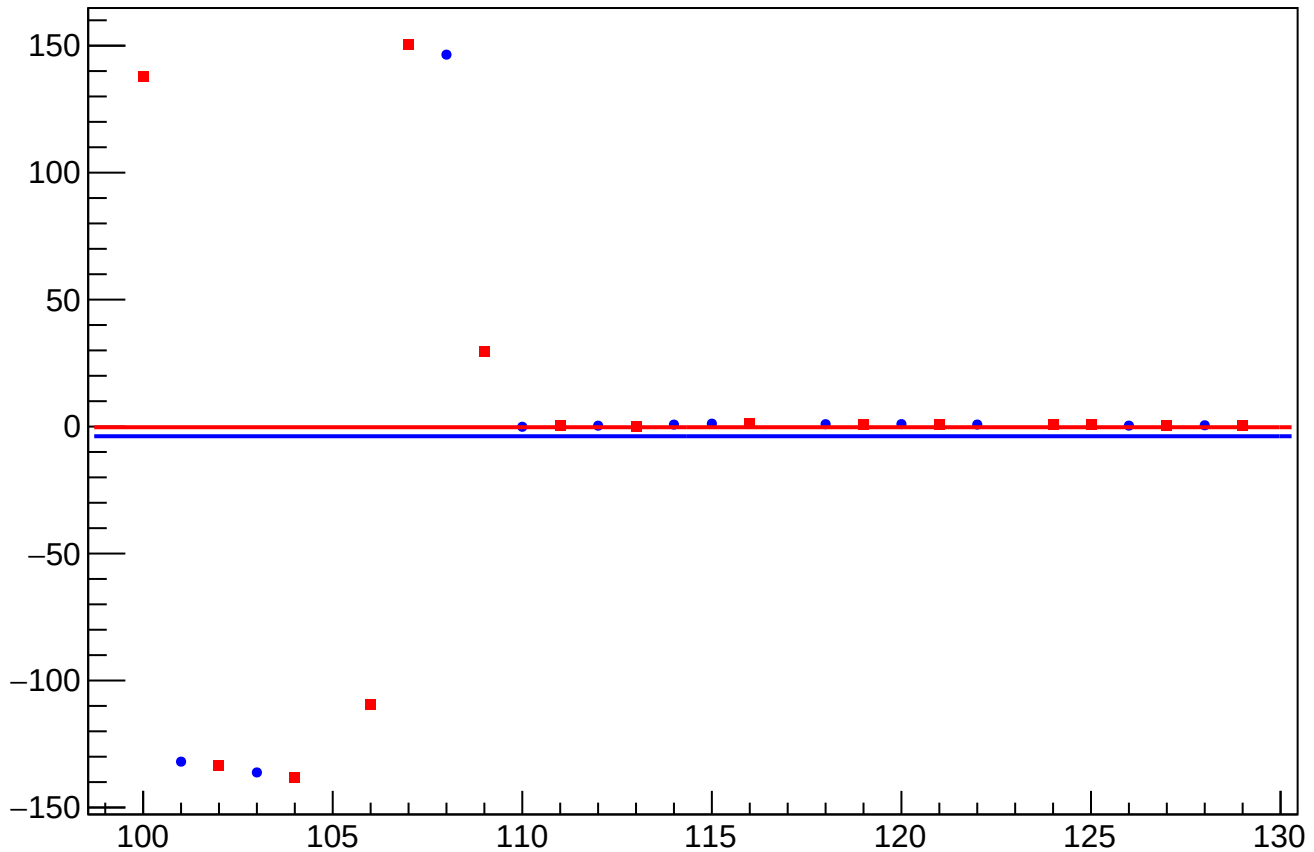
Right: 0.003+/-0.000 χ^2/NDF : 14187837.1/26

In: 0.003+/-0.000 χ^2/NDF :6685788.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 14187837.1/26

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -3.803+/-0.000 χ^2/NDF : 9799447577.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.252+/-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

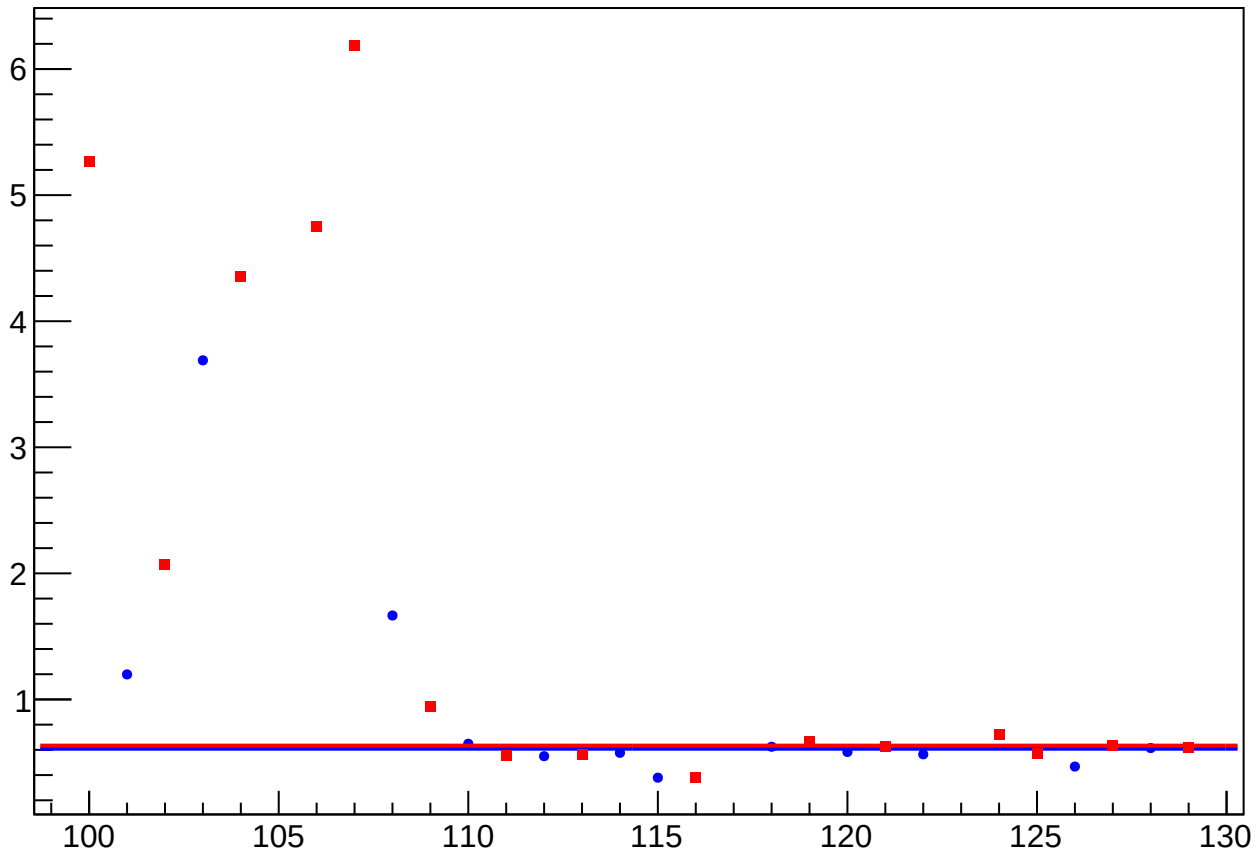
Right: -2.011+/-0.000 χ^2/NDF : 13463535864.2/26

In: -3.803+/-0.000 χ^2/NDF : 9799447577.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.011+/-0.000 χ^2/NDF : 13463535864.2/26

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.609+/-0.000 χ^2/NDF : 1354838.2/11

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

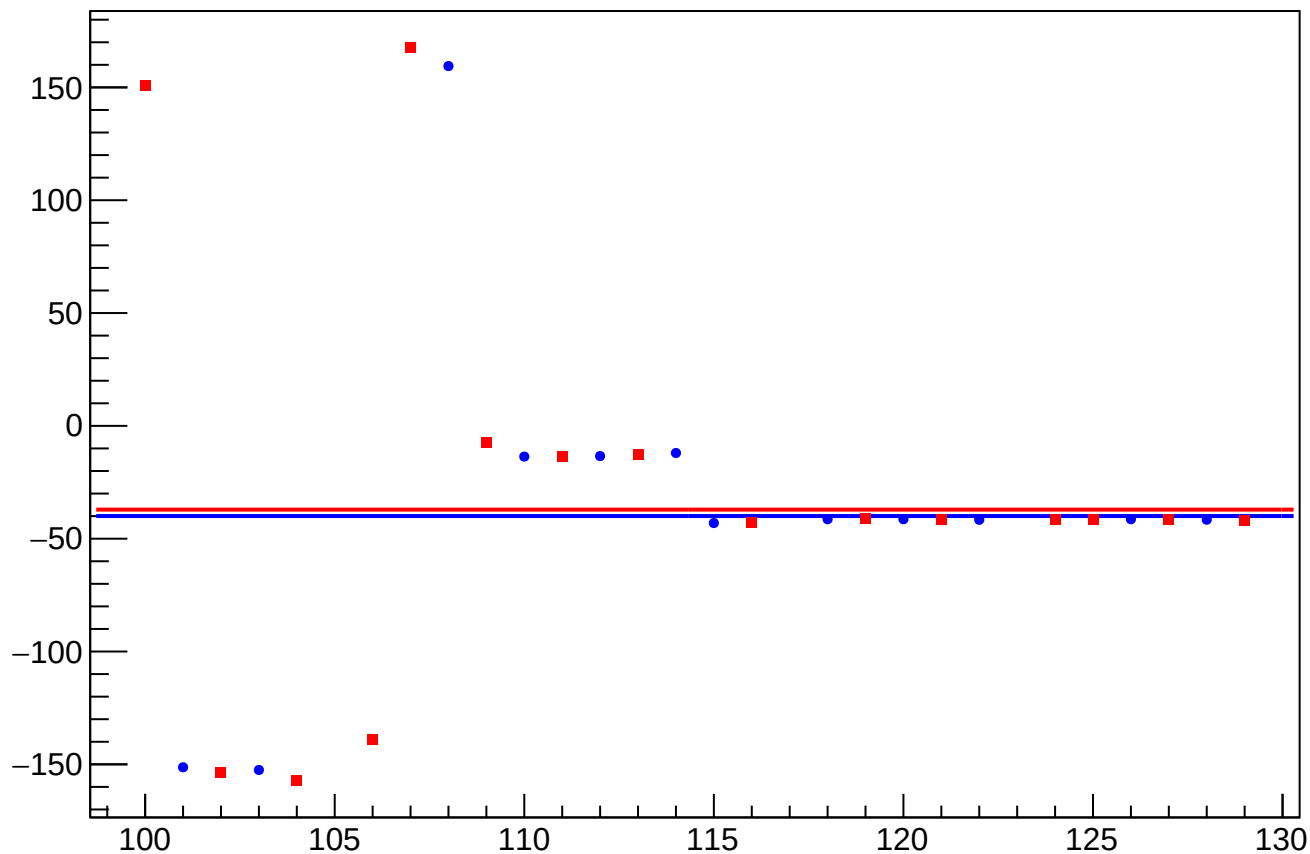
Right: 0.622+/-0.000 χ^2/NDF : 3658336.4/26

In: 0.609+/-0.000 χ^2/NDF : 1354838.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.622+/-0.000 χ^2/NDF : 3658336.4/26

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -39.961+/-0.000 χ^2/NDF : 3431658718.1/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

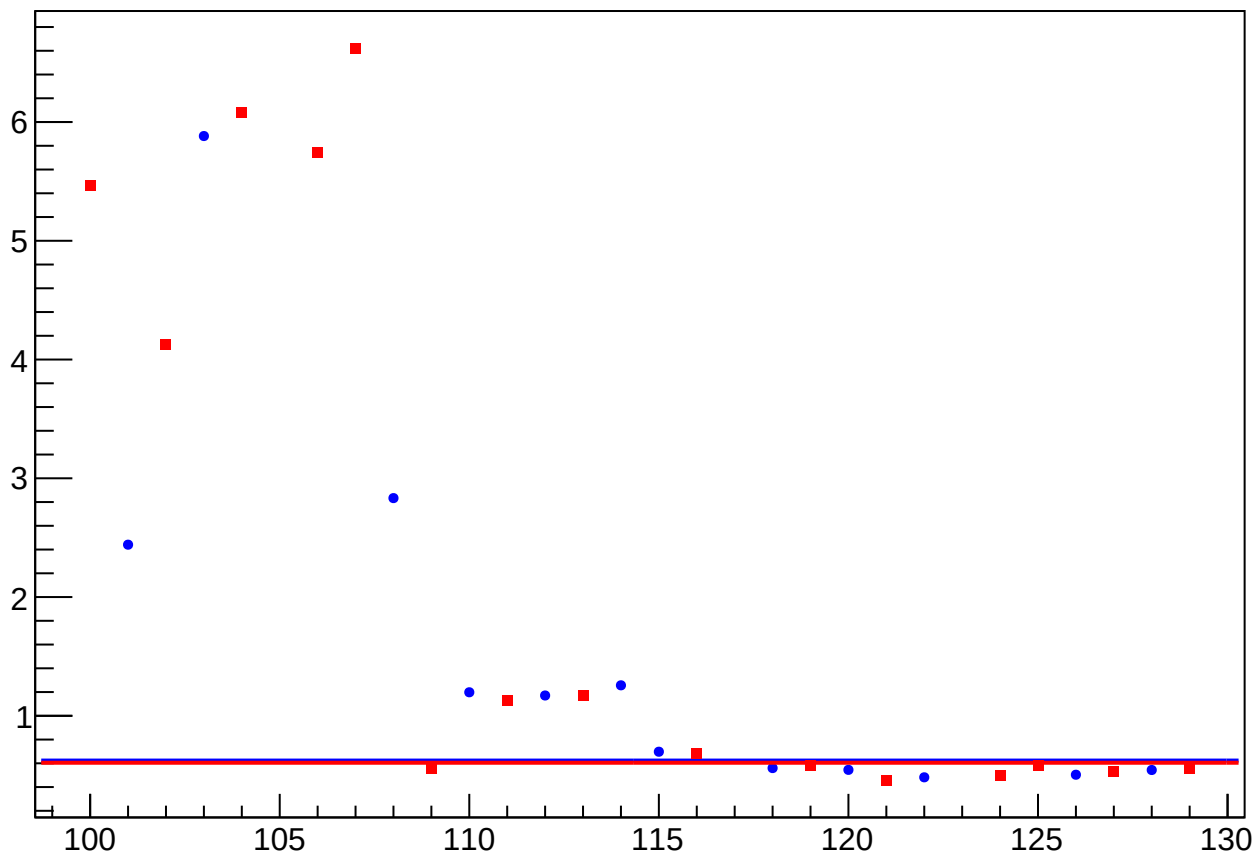
Right: -38.410+/-0.000 χ^2/NDF : 5854060296.3/26

In: -39.961+/-0.000 χ^2/NDF :3431658718.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -38.410+/-0.000 χ^2/NDF : 5854060296.3/26

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.623+/-0.000 χ^2/NDF : 2526834.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.605+/-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

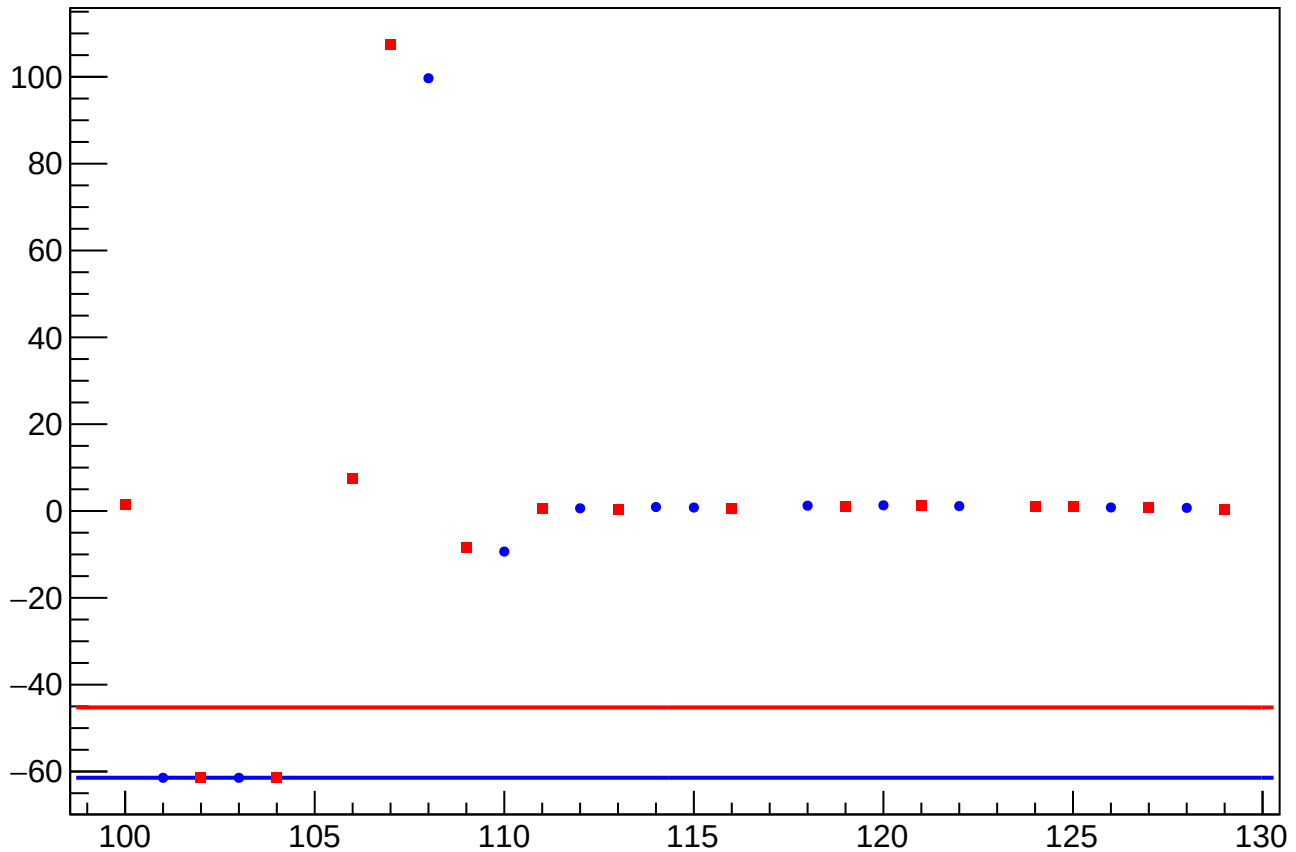
Right: 0.613+/-0.000 χ^2/NDF : 5457763.1/26

In: 0.623+/-0.000 χ^2/NDF : 2526834.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

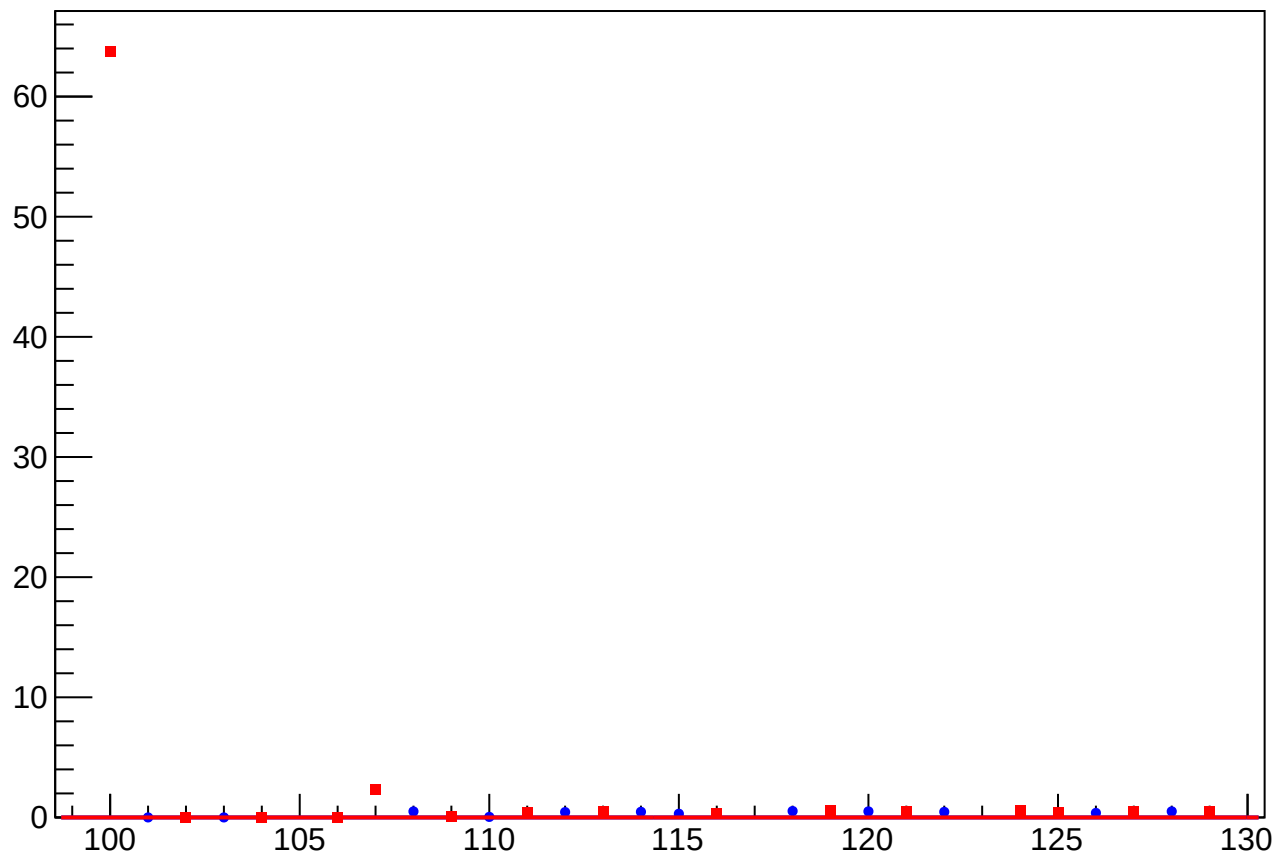
All: 0.613+/-0.000 χ^2/NDF : 5457763.1/26

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -61.438+/-0.000 χ^2/NDF : 234997463997.4/11
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -45.246+/-0.000 χ^2/NDF : 357857959809182.4/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -52.750+/-0.000 χ^2/NDF : 409076716534880

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 5745077.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 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

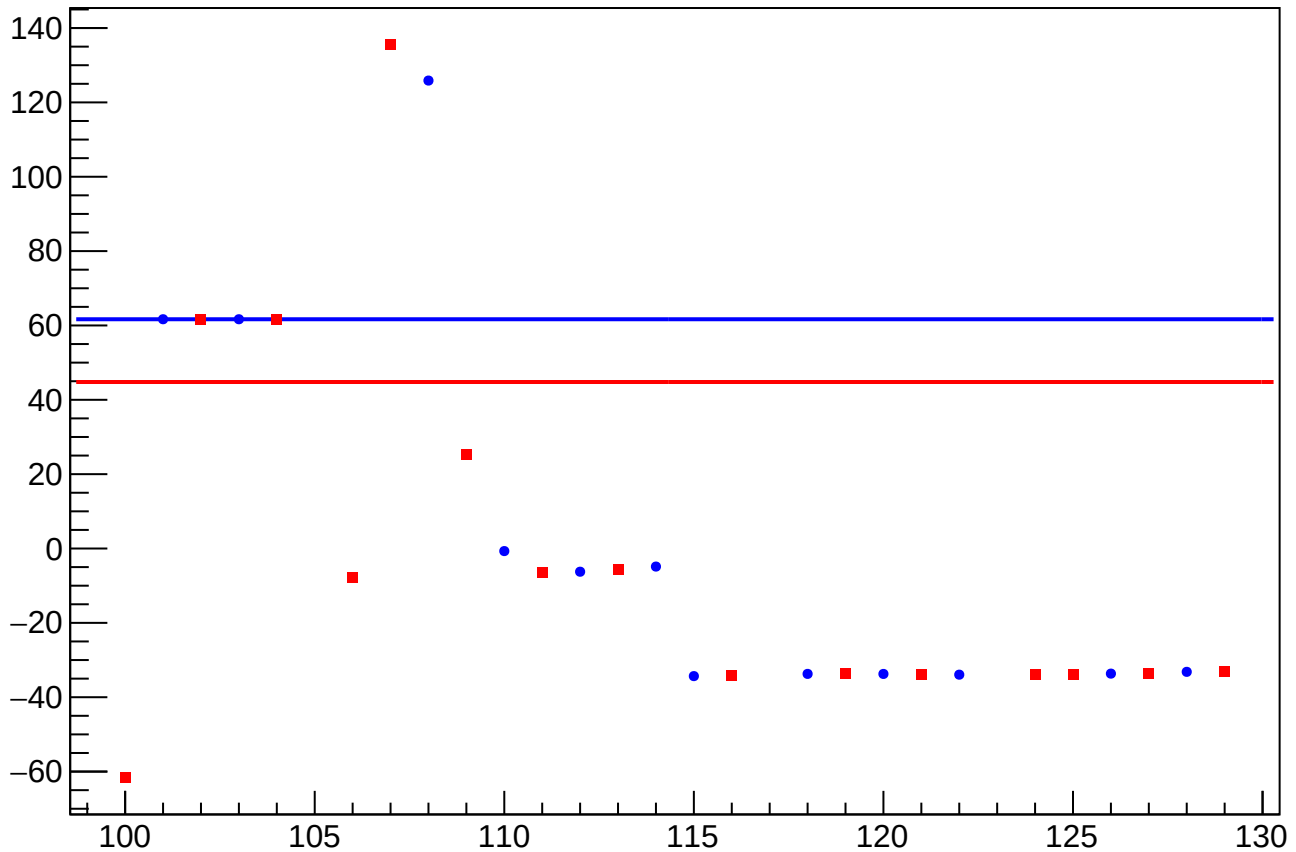
Right: 0.001+/-0.000 χ^2/NDF : 12623378.8/26

In: 0.001+/-0.000 χ^2/NDF : 5745077.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

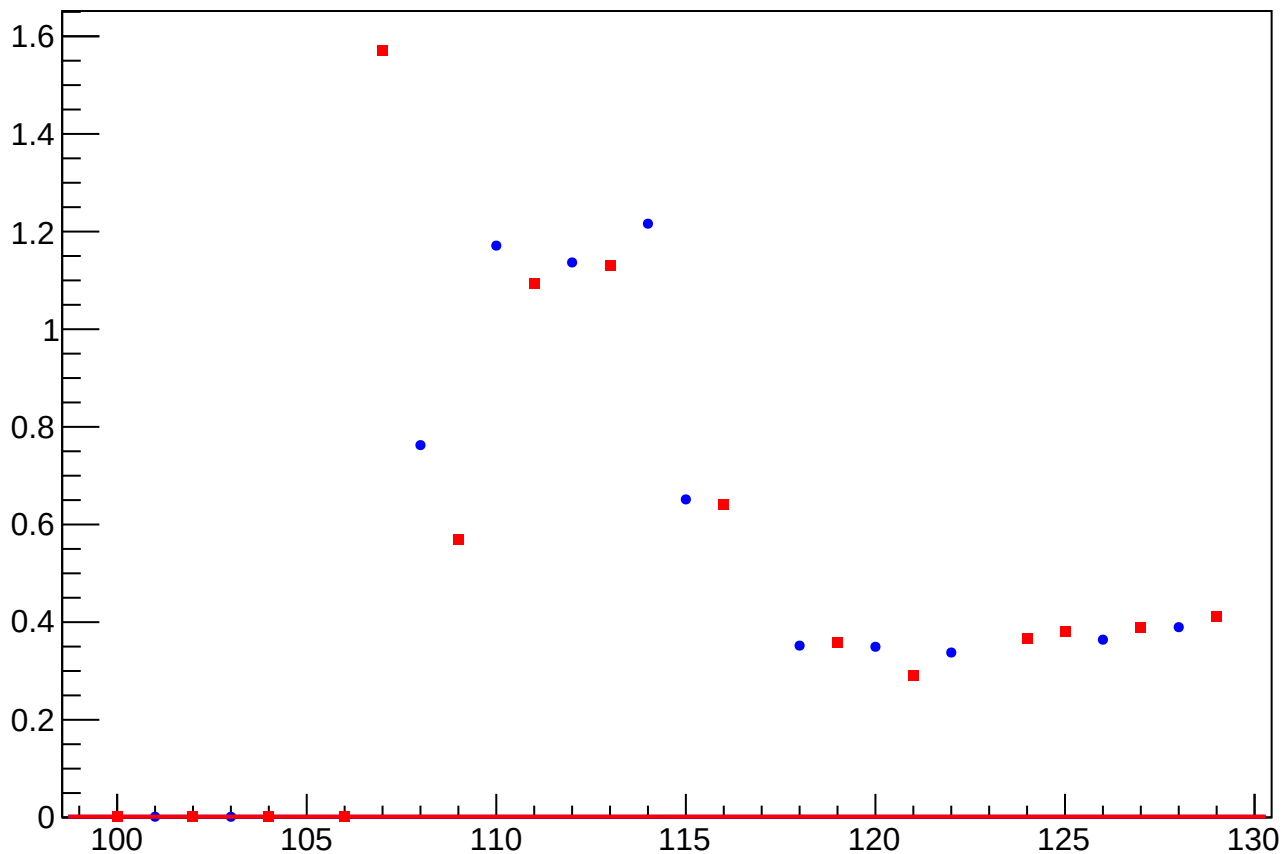
All: 0.001+/-0.000 χ^2/NDF : 12623378.8/26

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 61.669+/-0.000 χ^2/NDF : 158863365285.9/11
 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 : 417263673519784.

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 6972132.5/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 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

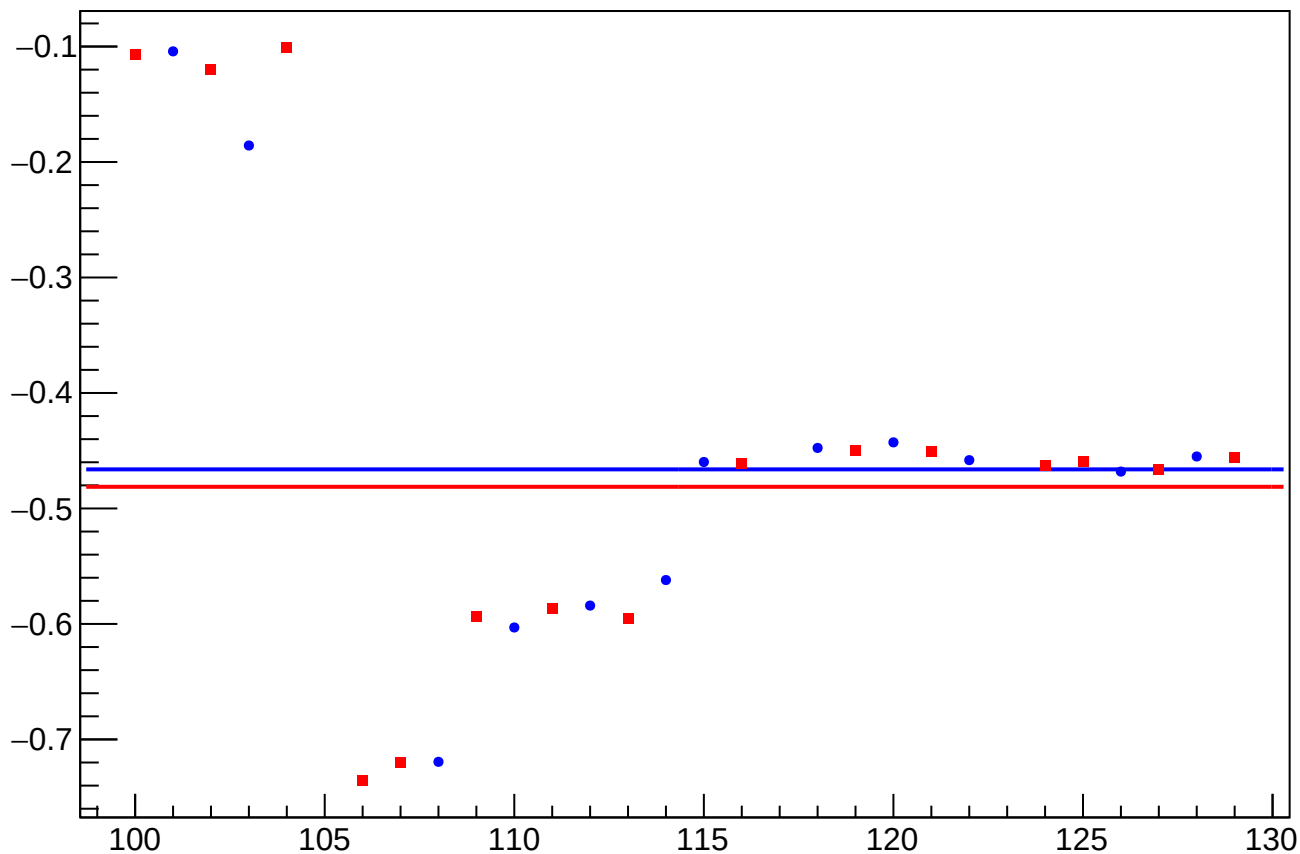
Right: 0.002+/-0.000 χ^2/NDF : 14652079.2/26

In: 0.002+/-0.000 χ^2/NDF :6972132.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 14652079.2/26

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.466+/-0.000 χ^2/NDF : 106498981.8/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.481+/-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

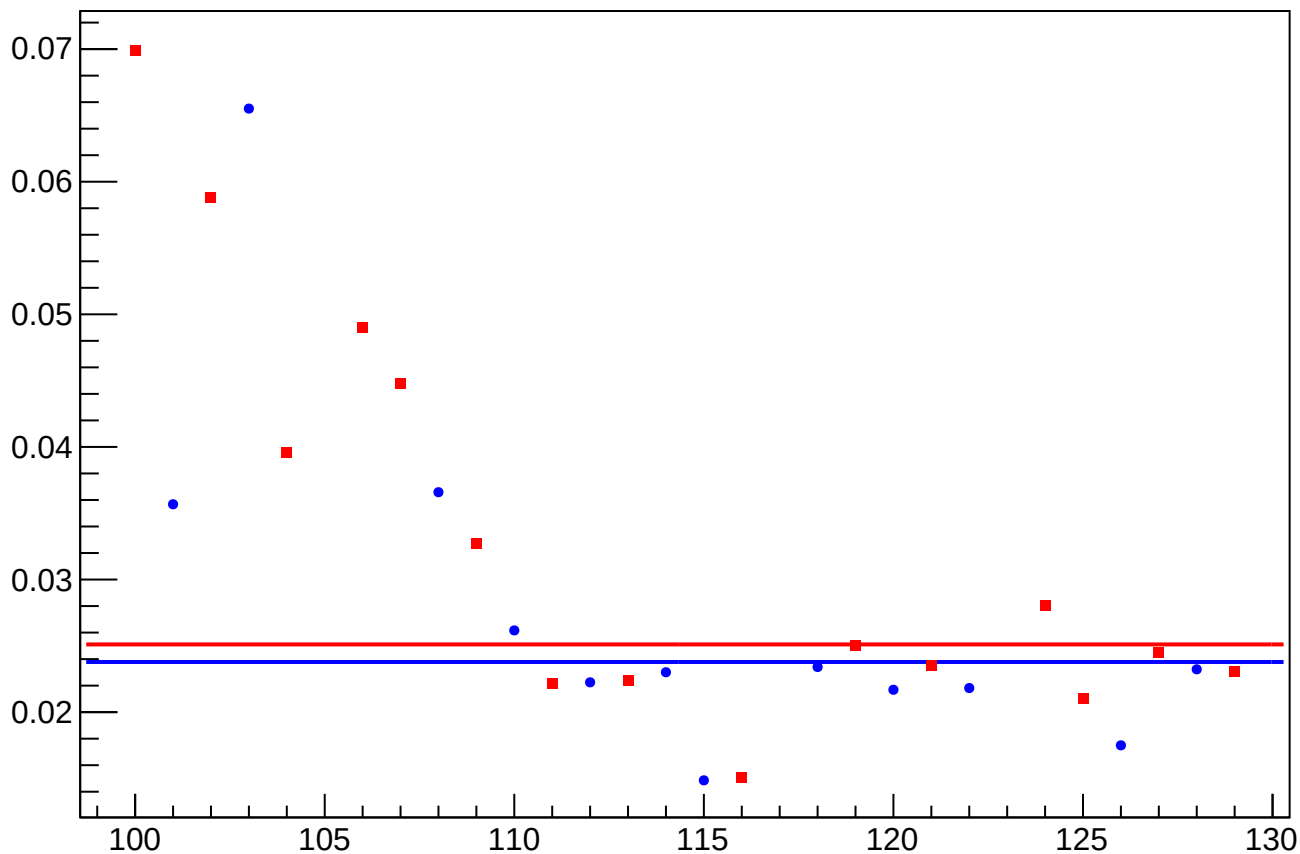
Right: -0.474+/-0.000 χ^2/NDF : 208781451.2/26

In: -0.466+/-0.000 χ^2/NDF :106498981.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.474+/-0.000 χ^2/NDF : 208781451.2/26

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.024+/-0.000 χ^2/NDF : 838818.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.025+/-0.000 χ^2/NDF : 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

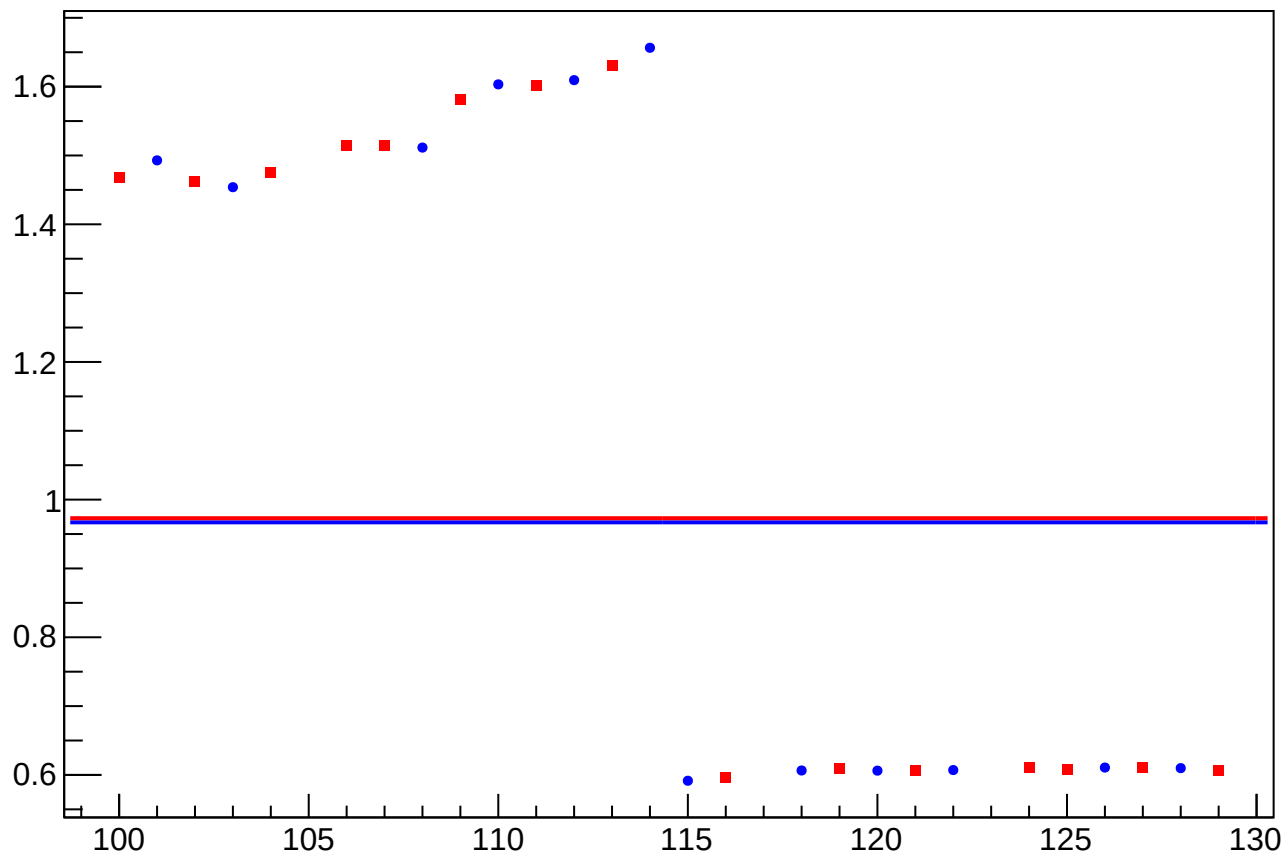
Right: 0.024+/-0.000 χ^2/NDF : 1861000.4/26

In: 0.024+/-0.000 χ^2/NDF :838818.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.024+/-0.000 χ^2/NDF : 1861000.4/26

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 0.967+/-0.000 χ^2/NDF : 2953559517.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

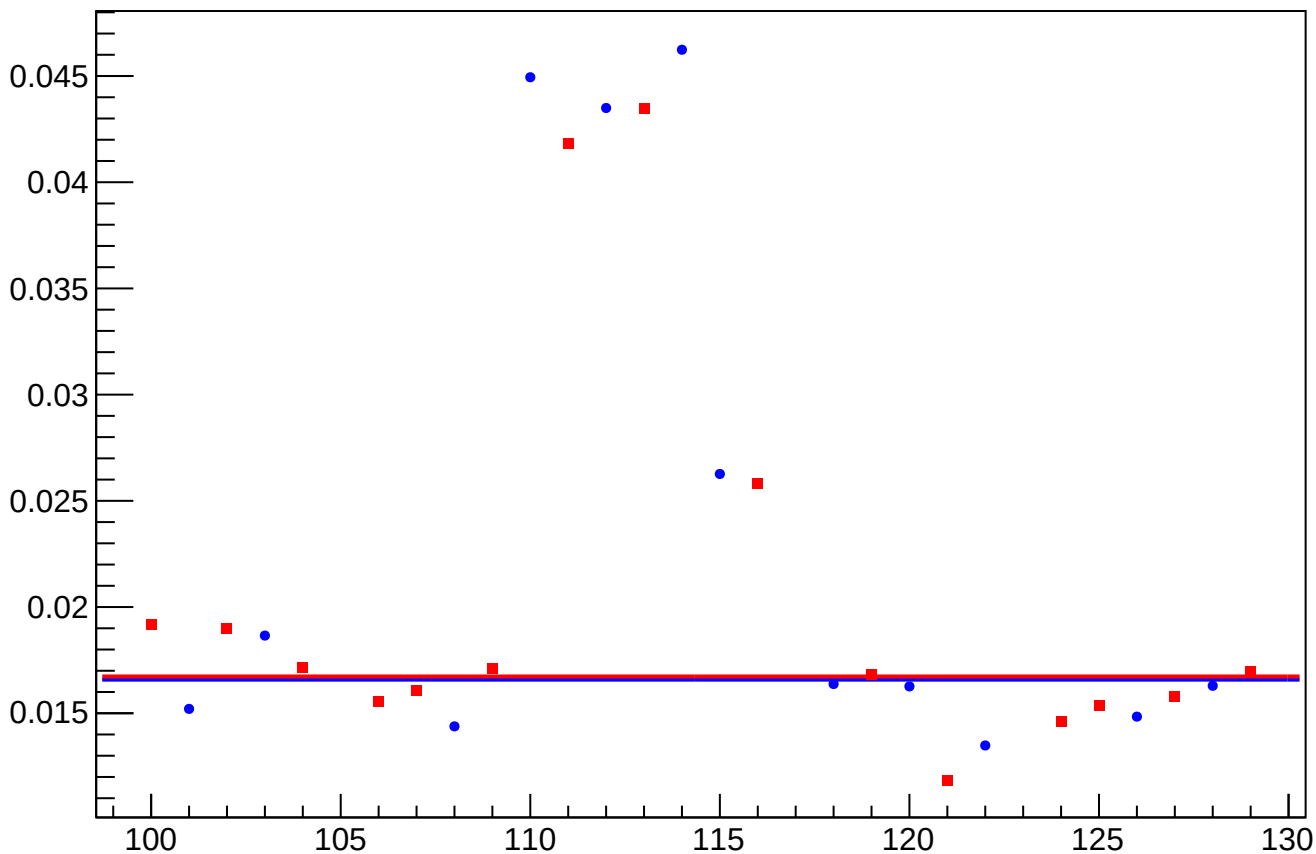
Right: 0.970+/-0.000 χ^2/NDF : 6491320649.6/26

In: 0.967+/-0.000 χ^2/NDF :2953559517.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.970+/-0.000 χ^2/NDF : 6491320649.6/26

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 840013.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.000 χ^2/NDF : 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

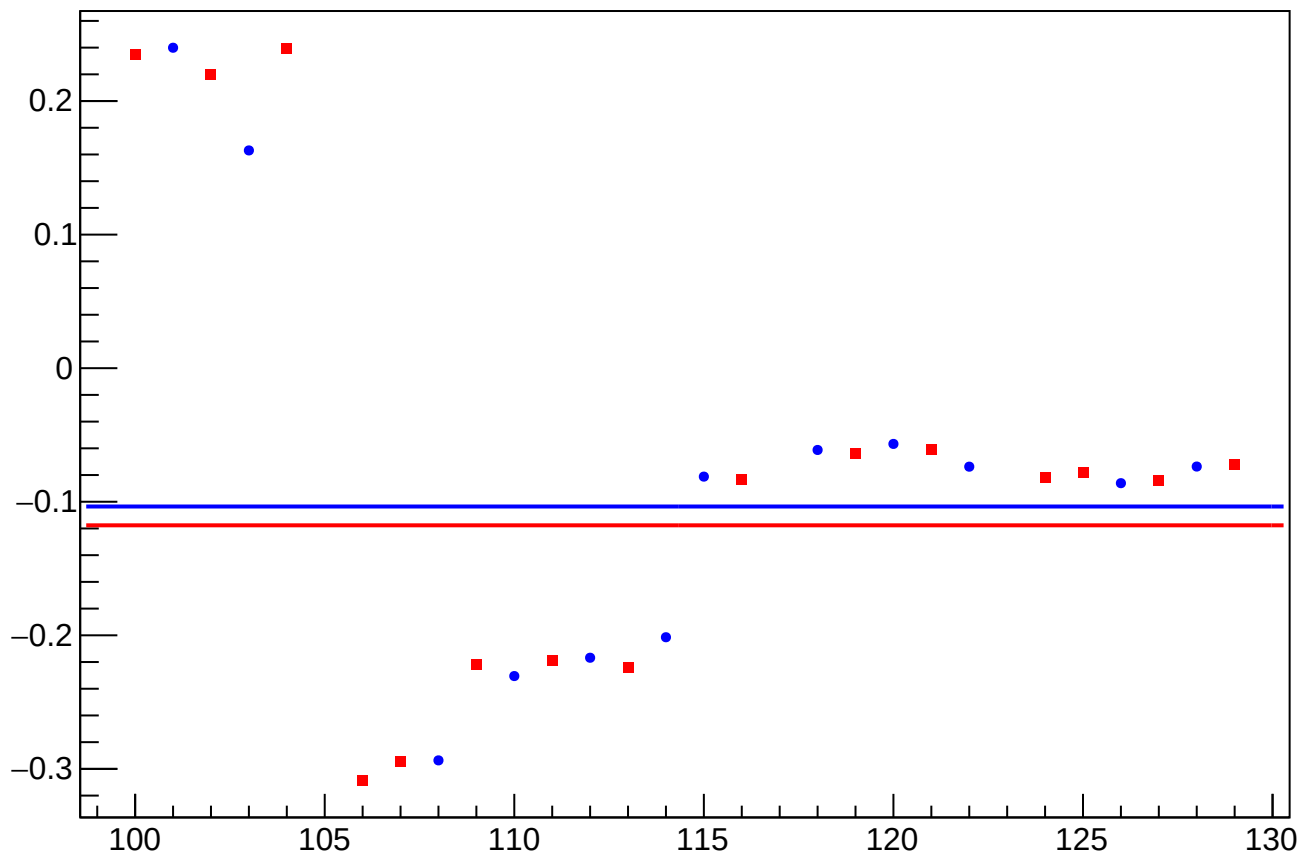
Right: 0.017+/-0.000 χ^2/NDF : 1727341.9/26

In: 0.017+/-0.000 χ^2/NDF : 840013.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.000 χ^2/NDF : 1727341.9/26

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.104+/-0.000 χ^2/NDF : 105561394.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.118+/-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

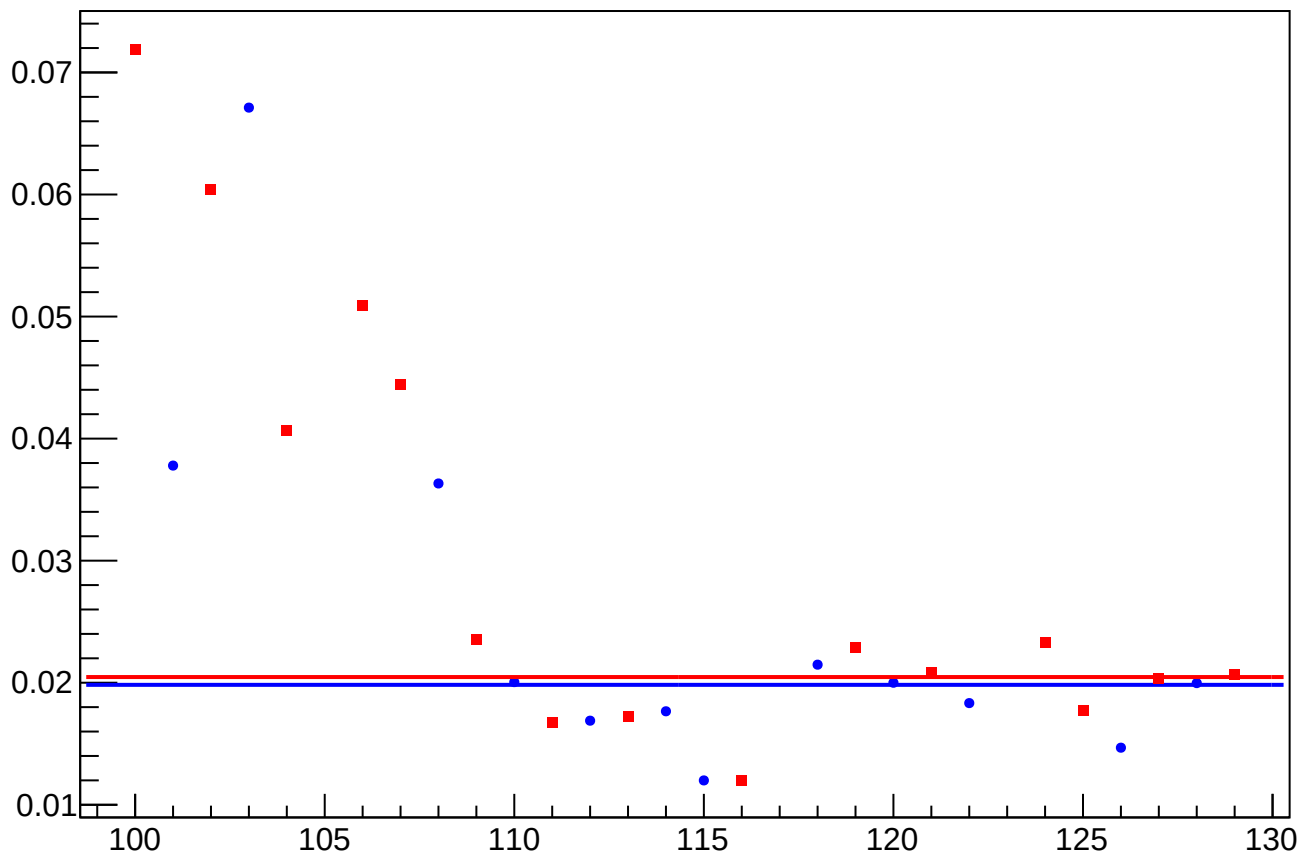
Right: -0.111+/-0.000 χ^2/NDF : 214732727.5/26

In: -0.104+/-0.000 χ^2/NDF :105561394.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.111+/-0.000 χ^2/NDF : 214732727.5/26

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 1156381.0/11

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

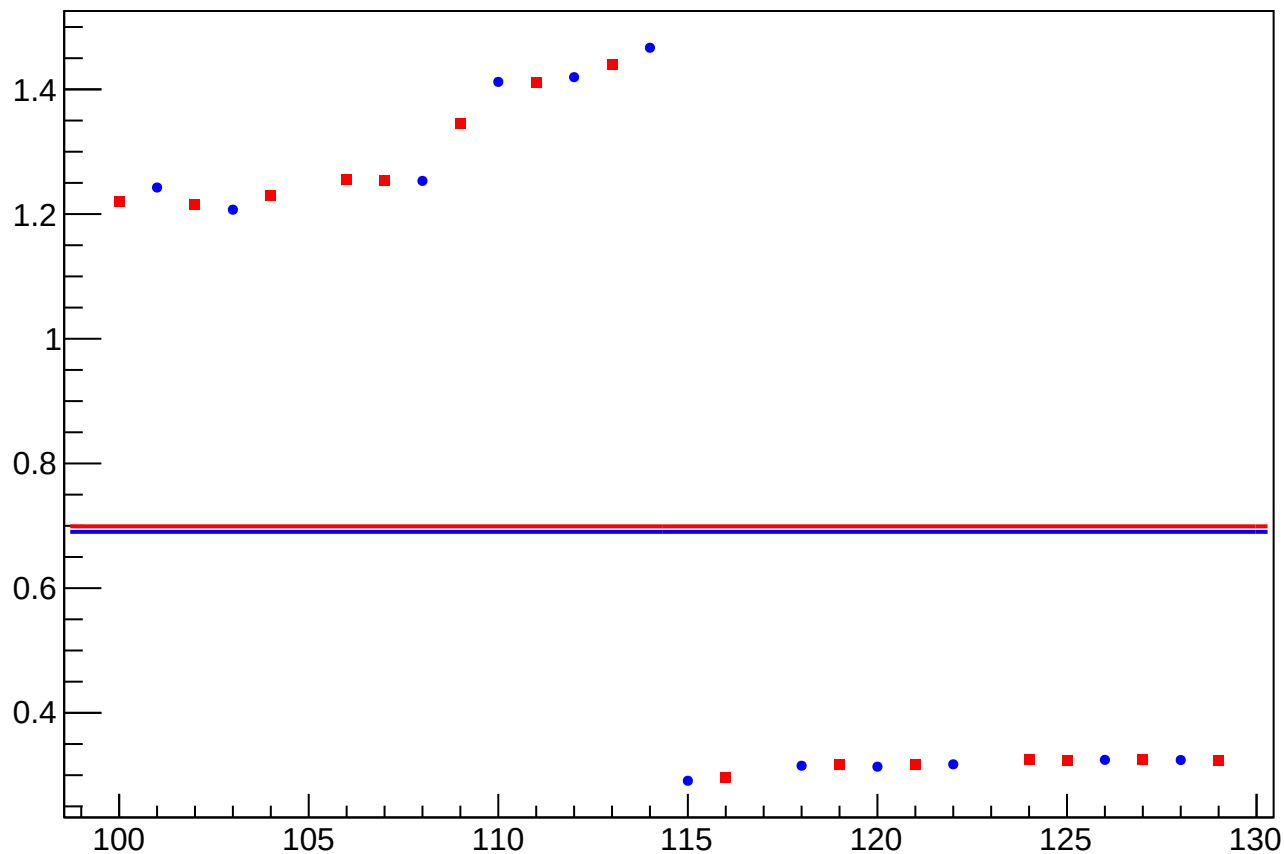
Right: 0.020+/-0.000 χ^2/NDF : 2529126.8/26

In: 0.020+/-0.000 χ^2/NDF :1156381.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.020+/-0.000 χ^2/NDF : 2529126.8/26

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.690+/-0.000 χ^2/NDF : 4794595946.5/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.699+/-0.000 χ^2/NDF : 5348254819.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

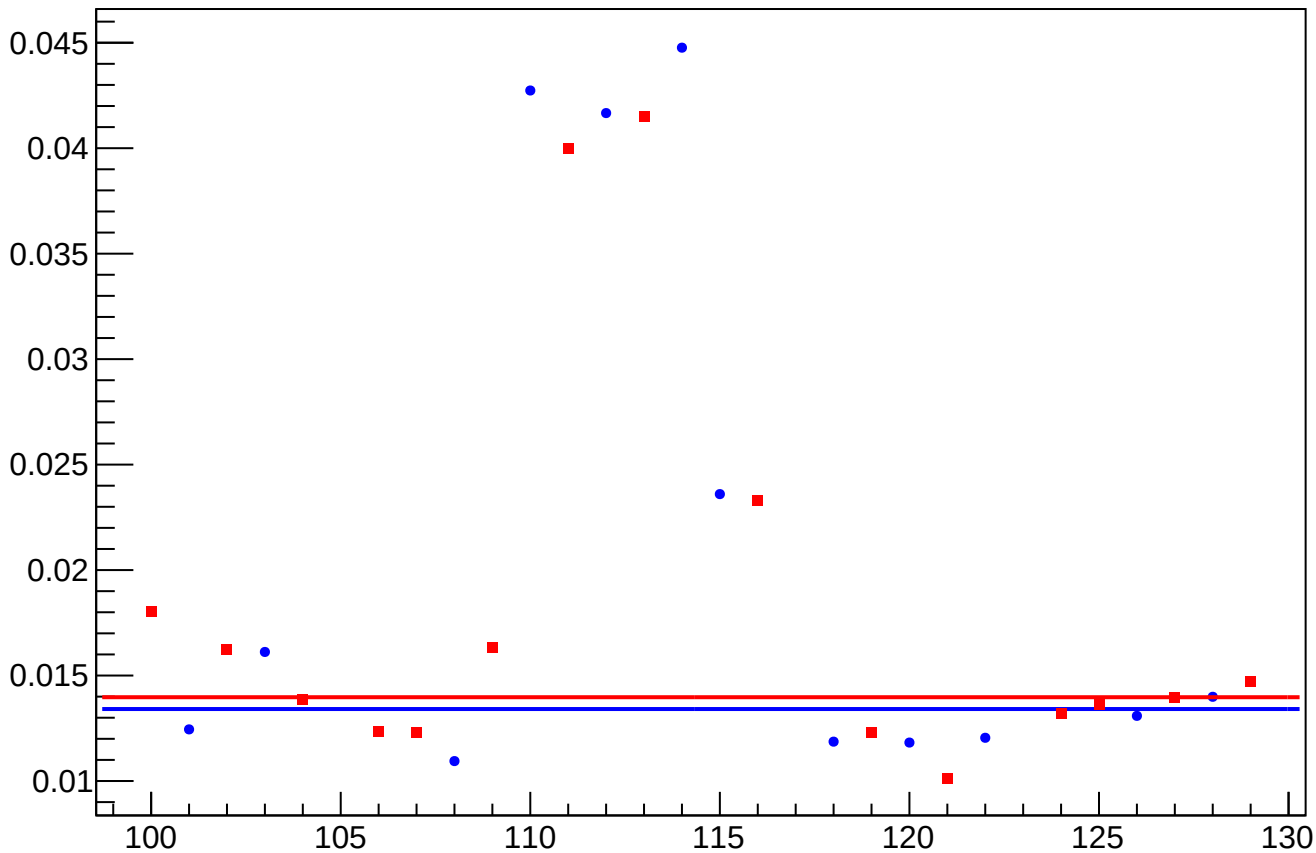
Right: 0.695+/-0.000 χ^2/NDF : 10143781702.6/26

In: 0.690+/-0.000 χ^2/NDF :4794595946.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.695+/-0.000 χ^2/NDF : 10143781702.6/26

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 1005952.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 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

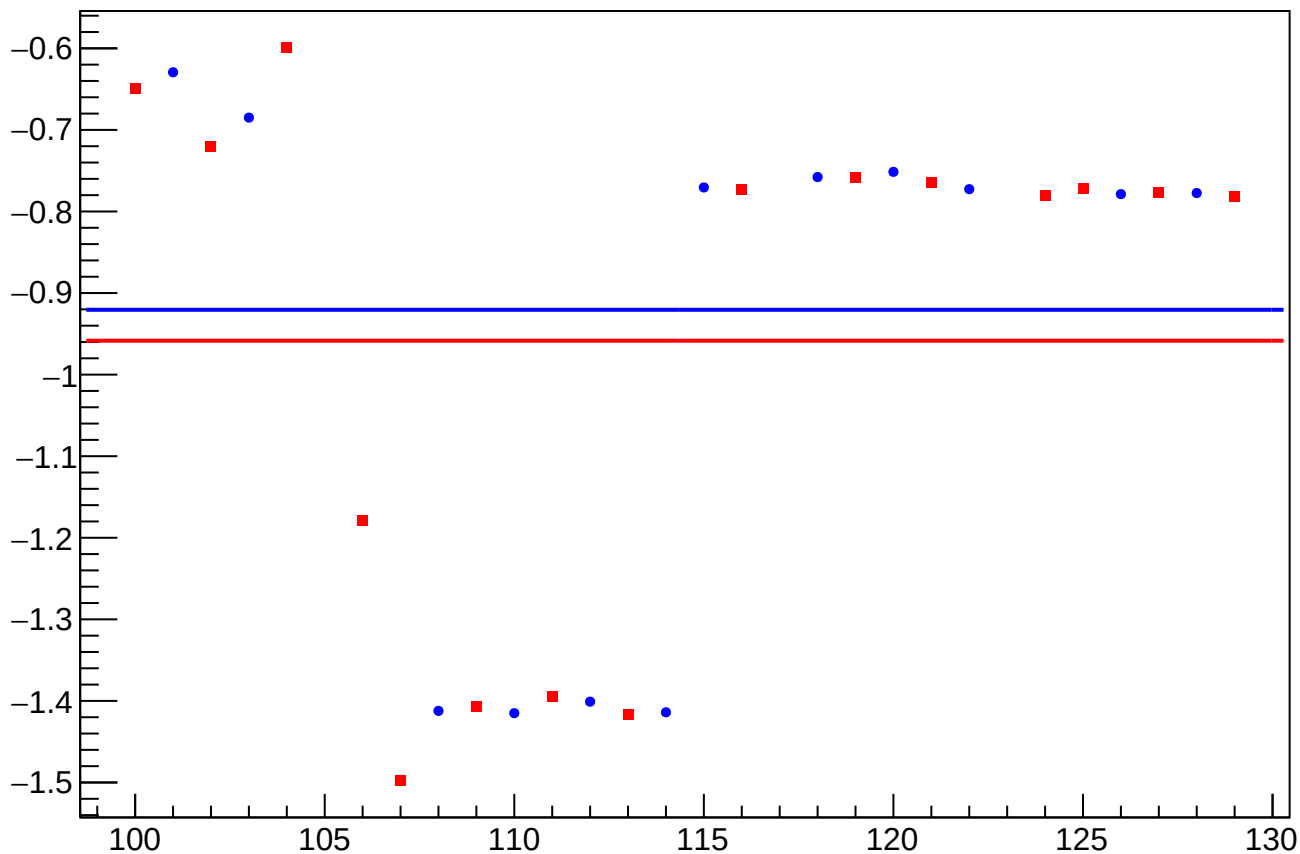
Right: 0.014+/-0.000 χ^2/NDF : 2046444.7/26

In: 0.013+/-0.000 χ^2/NDF : 1005952.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 2046444.7/26

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -0.921+/-0.000 χ^2/NDF : 575658757.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.958+/-0.000 χ^2/NDF : 663743682.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

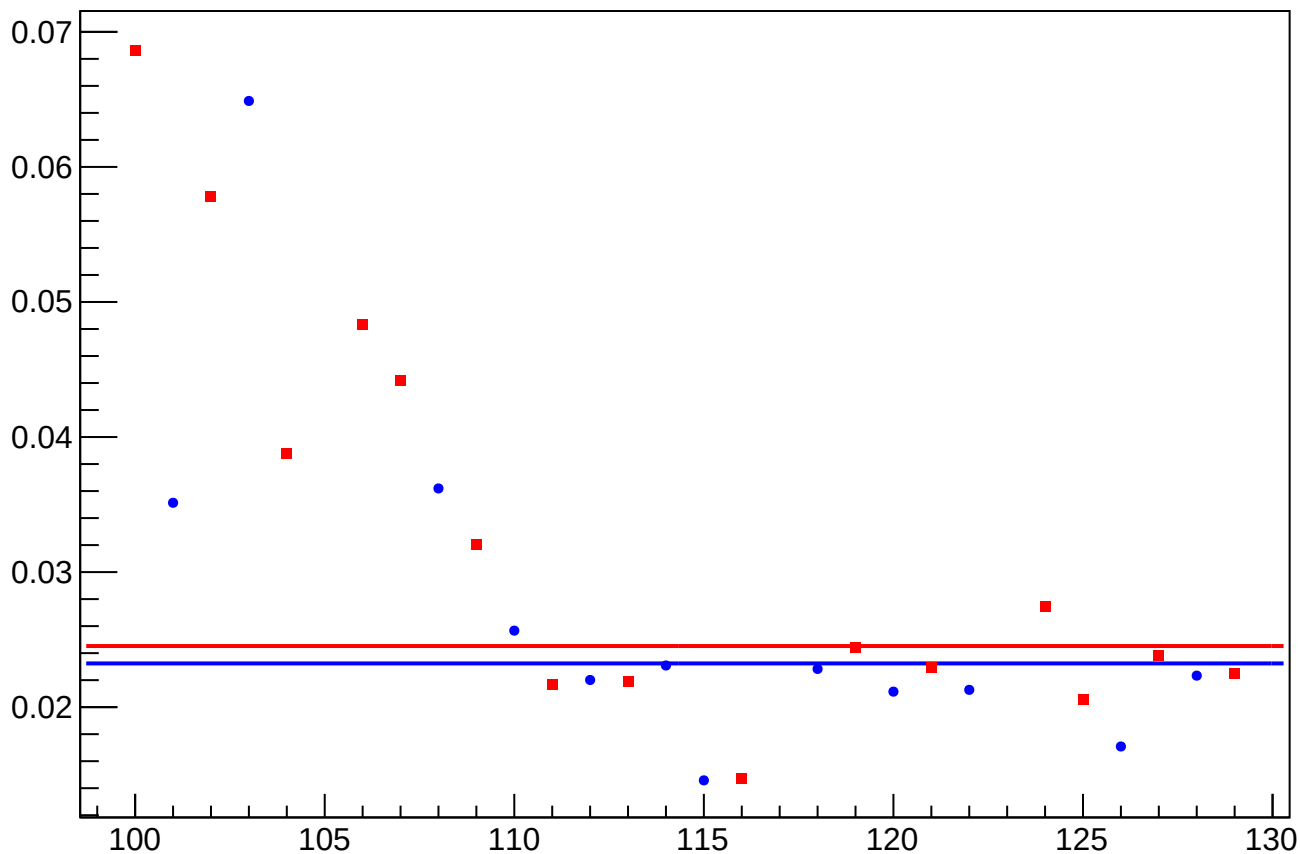
Right: -0.940+/-0.000 χ^2/NDF : 1244574636.2/26

In: -0.921+/-0.000 χ^2/NDF :575658757.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.940+/-0.000 χ^2/NDF : 1244574636.2/26

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 850012.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.025+/-0.000 χ^2/NDF : 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

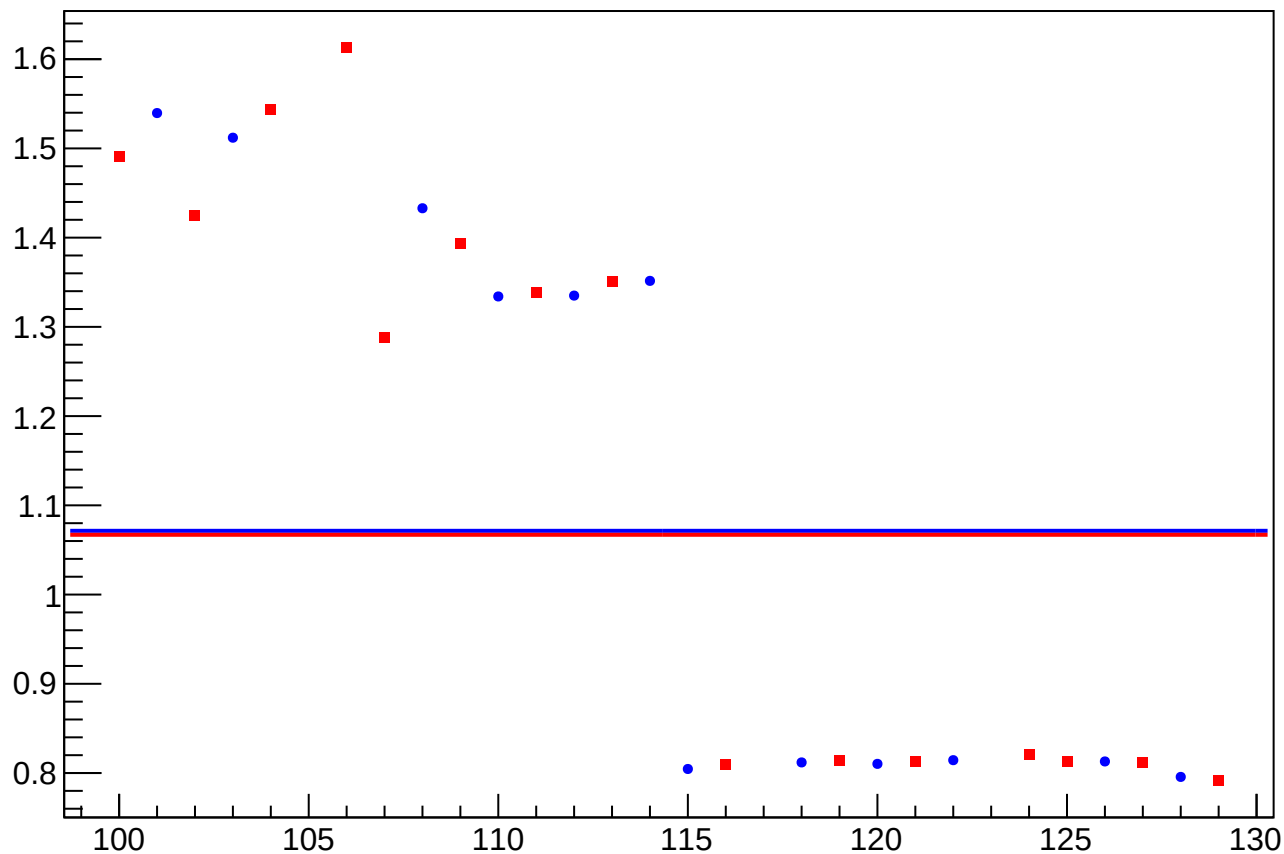
Right: 0.024+/-0.000 χ^2/NDF : 1880623.8/26

In: 0.023+/-0.000 χ^2/NDF :850012.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.024+/-0.000 χ^2/NDF : 1880623.8/26

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 1.071+/-0.000 χ^2/NDF : 1661844698.8/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.067+/-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

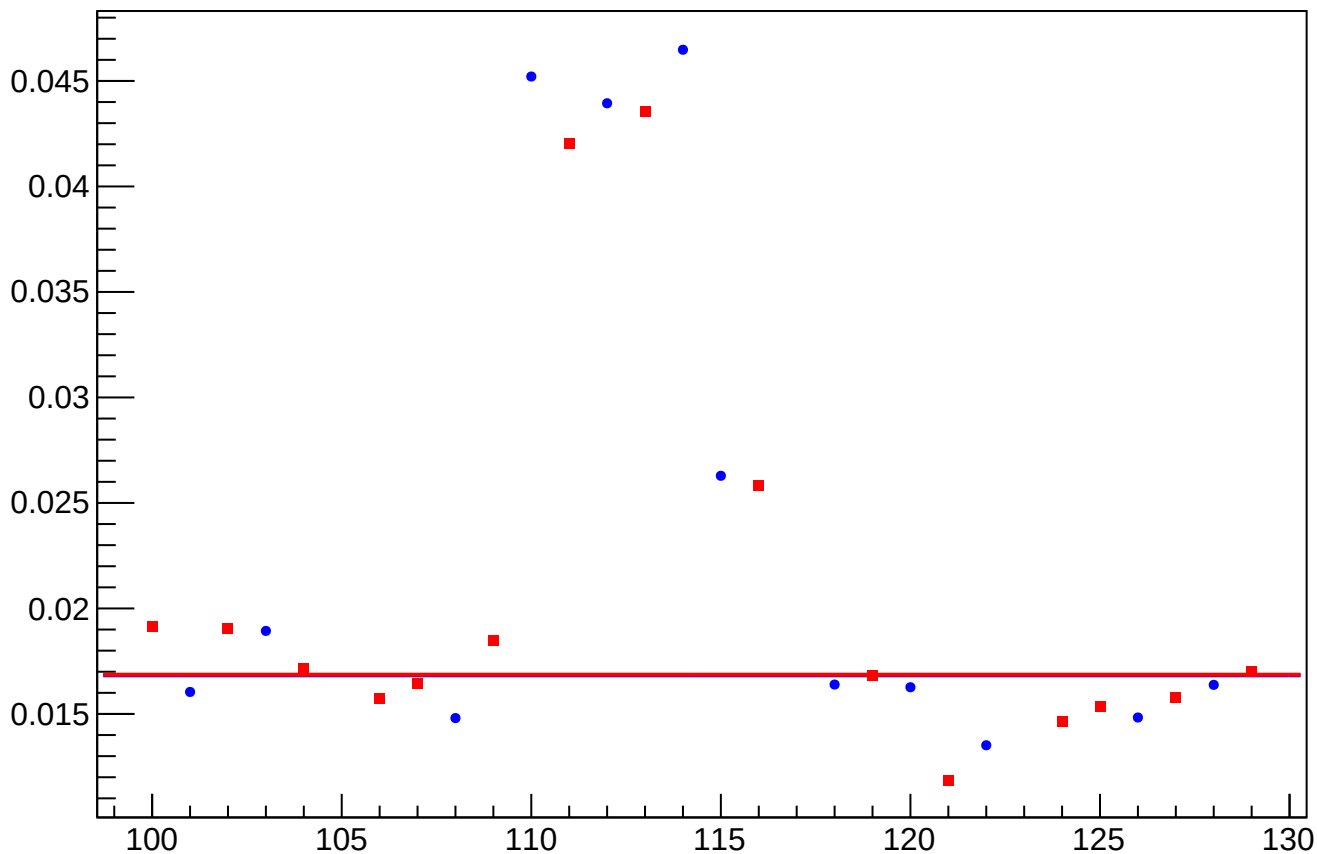
Right: 1.069+/-0.000 χ^2/NDF : 3505376525.0/26

In: 1.071+/-0.000 χ^2/NDF :1661844698.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.069+/-0.000 χ^2/NDF : 3505376525.0/26

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 832810.0/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.017+/-0.000 χ^2/NDF : 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

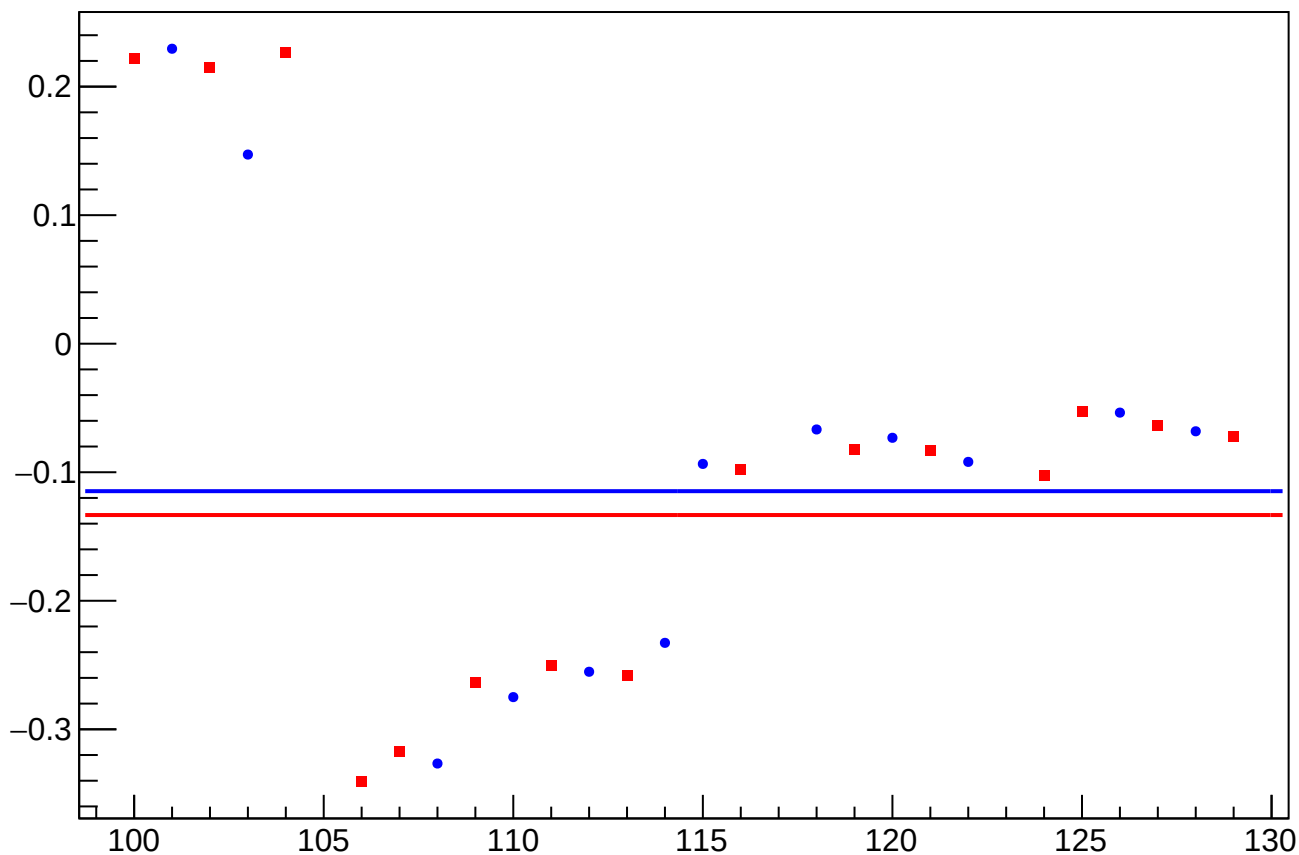
Right: 0.017+/-0.000 χ^2/NDF : 1726437.5/26

In: 0.017+/-0.000 χ^2/NDF :832810.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.017+/-0.000 χ^2/NDF : 1726437.5/26

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.115+/-0.000 χ^2/NDF : 129716103.2/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.133+/-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

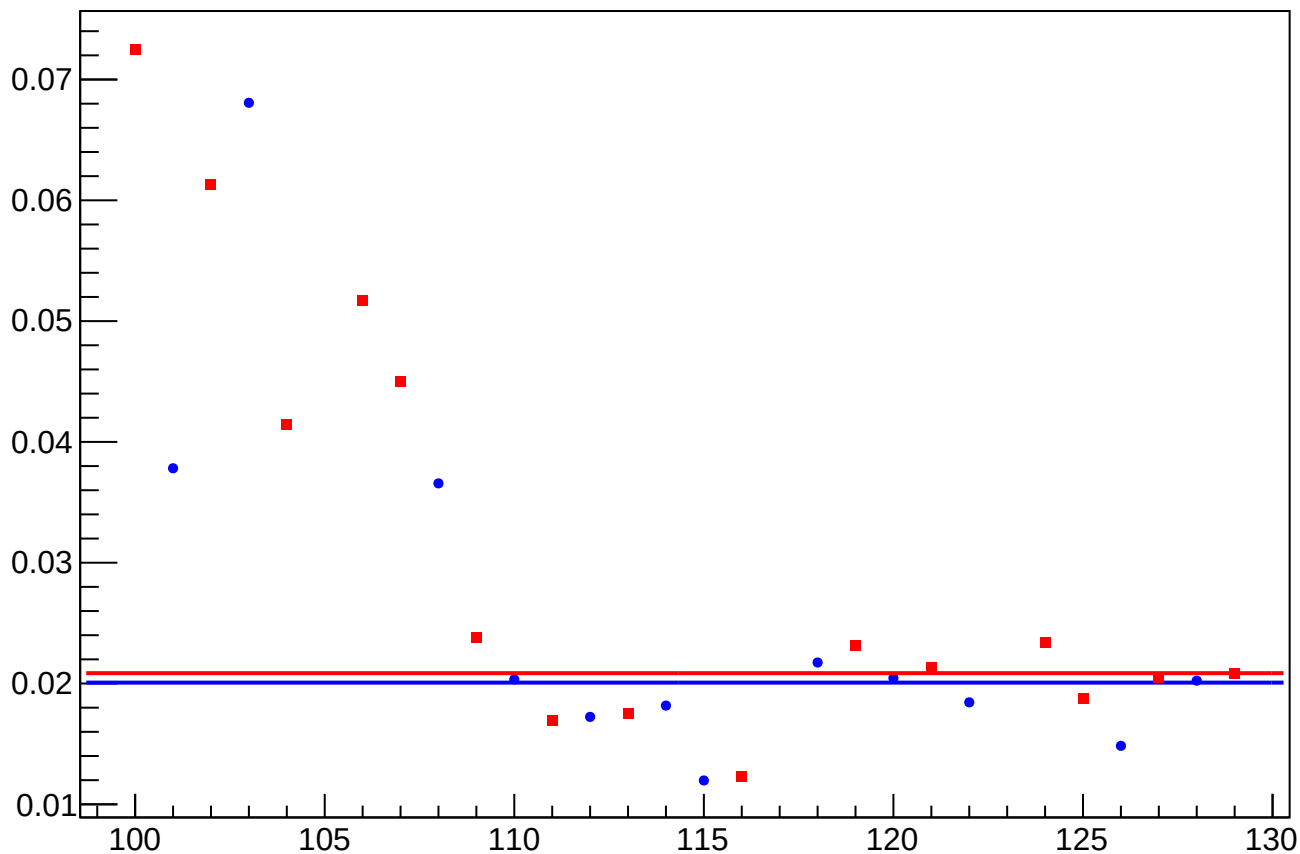
Right: -0.124+/-0.000 χ^2/NDF : 261988779.1/26

In: -0.115+/-0.000 χ^2/NDF :129716103.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.124+/-0.000 χ^2/NDF : 261988779.1/26

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 1148655.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-0.000 χ^2/NDF : 1353843.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

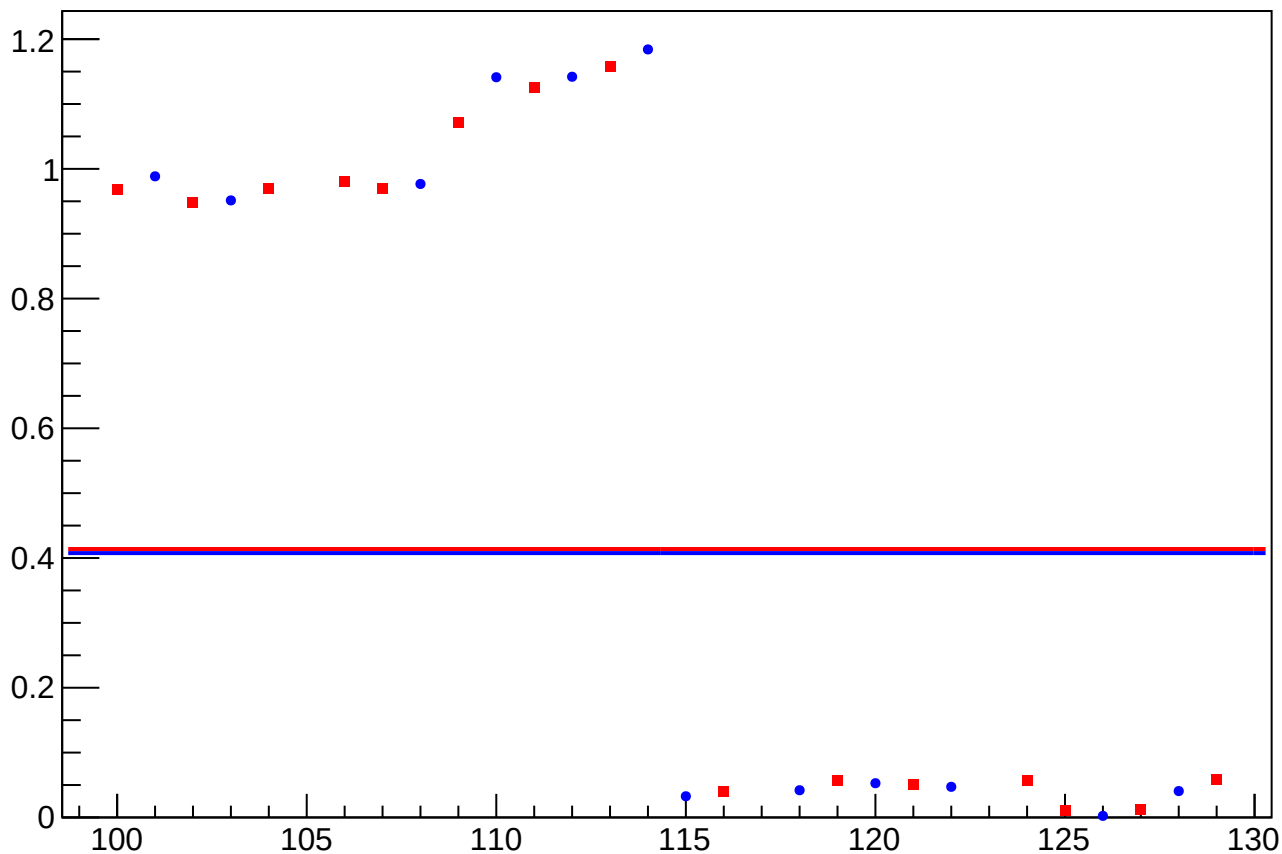
Right: 0.020+/-0.000 χ^2/NDF : 2508299.0/26

In: 0.020+/-0.000 χ^2/NDF : 1148655.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.000 χ^2/NDF : 2508299.0/26

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.408+/-0.000 χ^2/NDF : 5041374704.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.414+/-0.000 χ^2/NDF : 5464988438.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

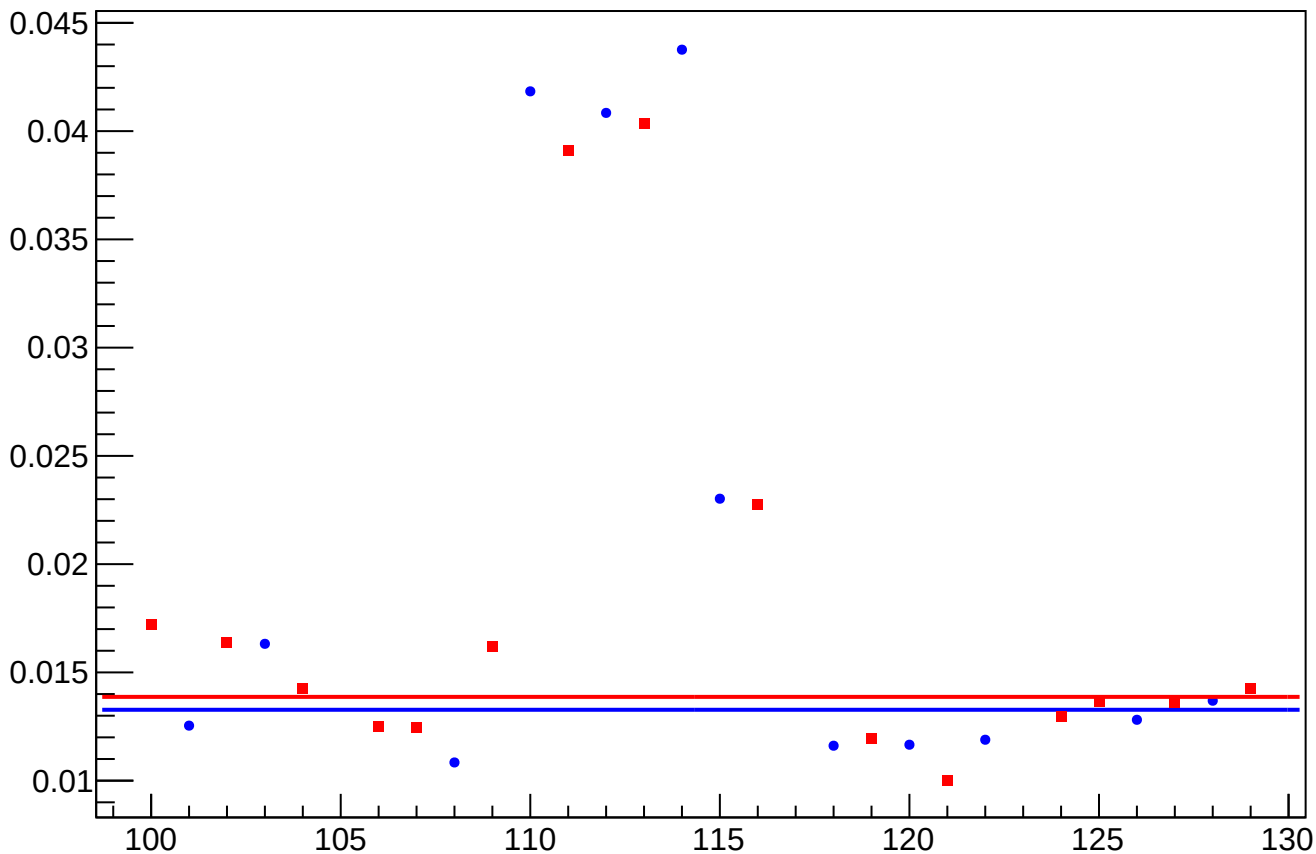
Right: 0.411+/-0.000 χ^2/NDF : 10506852140.3/26

In: 0.408+/-0.000 χ^2/NDF :5041374704.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.411+/-0.000 χ^2/NDF : 10506852140.3/26

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 1005812.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 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

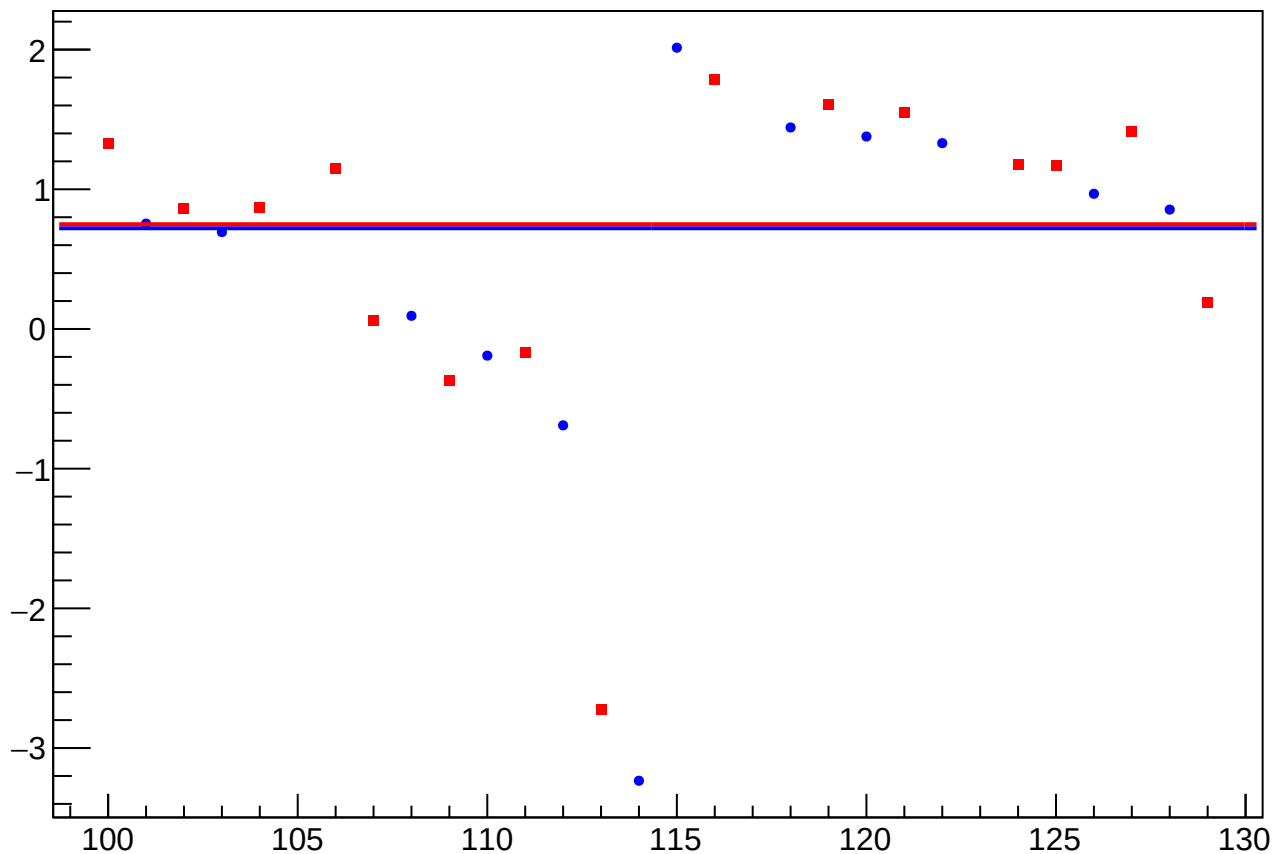
Right: 0.014+/-0.000 χ^2/NDF : 2039249.1/26

In: 0.013+/-0.000 χ^2/NDF : 1005812.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 2039249.1/26

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.721+/-0.000 χ^2/NDF : 358258267.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.750+/-0.000 χ^2/NDF : 1042127880.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

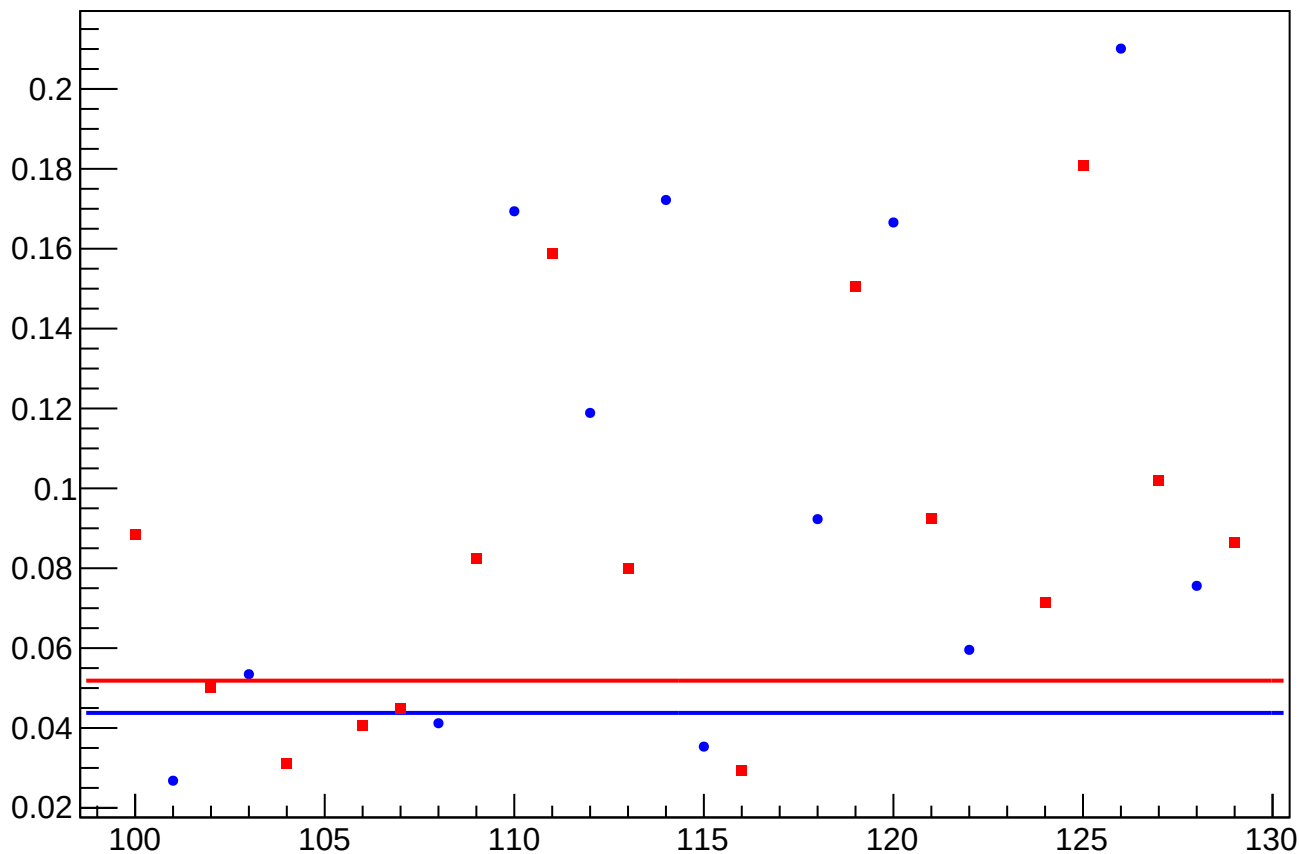
Right: 0.735+/-0.000 χ^2/NDF : 1400959745.0/26

In: 0.721+/-0.000 χ^2/NDF : 358258267.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.735+/-0.000 χ^2/NDF : 1400959745.0/26

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.044+/-0.000 χ^2/NDF : 2525945.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.052+/-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

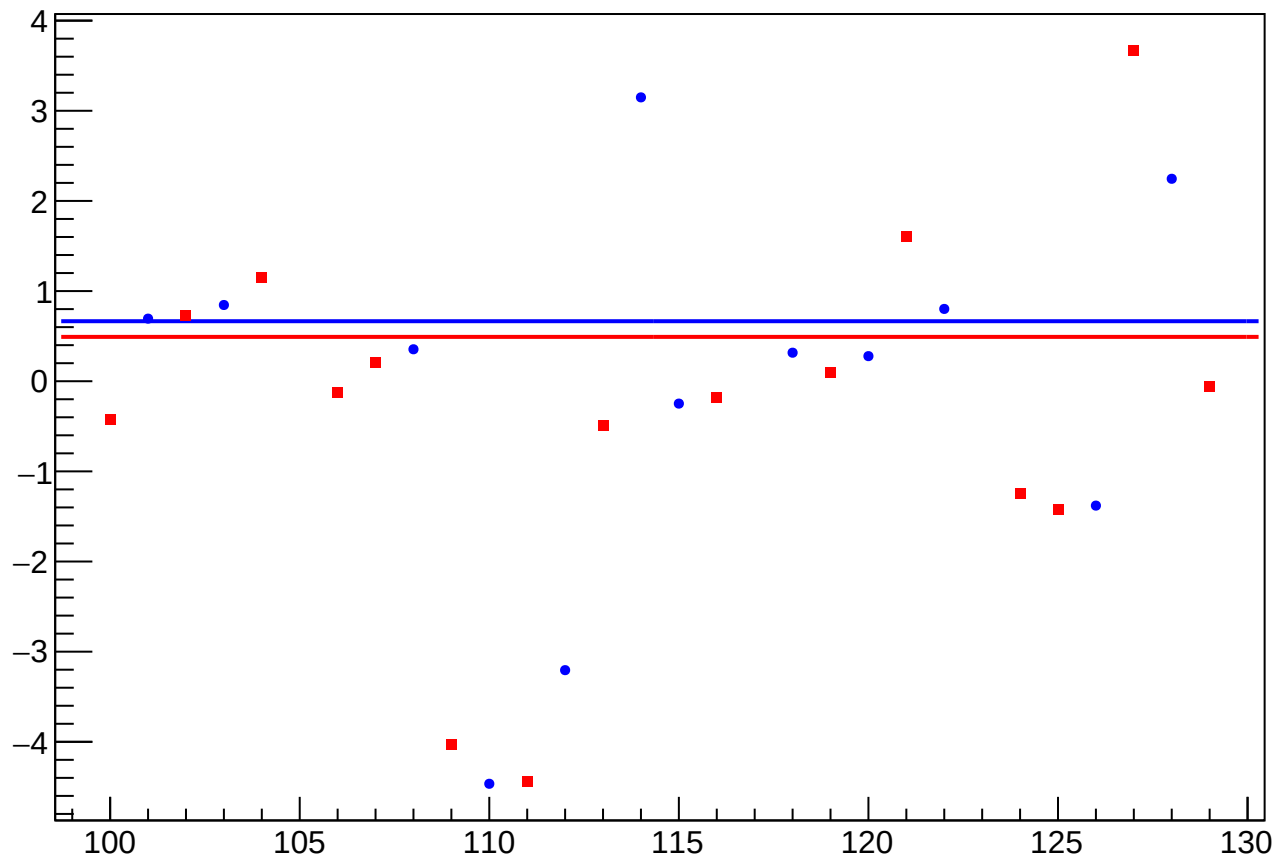
Right: 0.048+/-0.000 χ^2/NDF : 4891165.7/26

In: 0.044+/-0.000 χ^2/NDF : 2525945.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.048+/-0.000 χ^2/NDF : 4891165.7/26

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.666+/-0.000 χ^2/NDF : 1707730469.8/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.492+/-0.000 χ^2/NDF : 4453923254.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

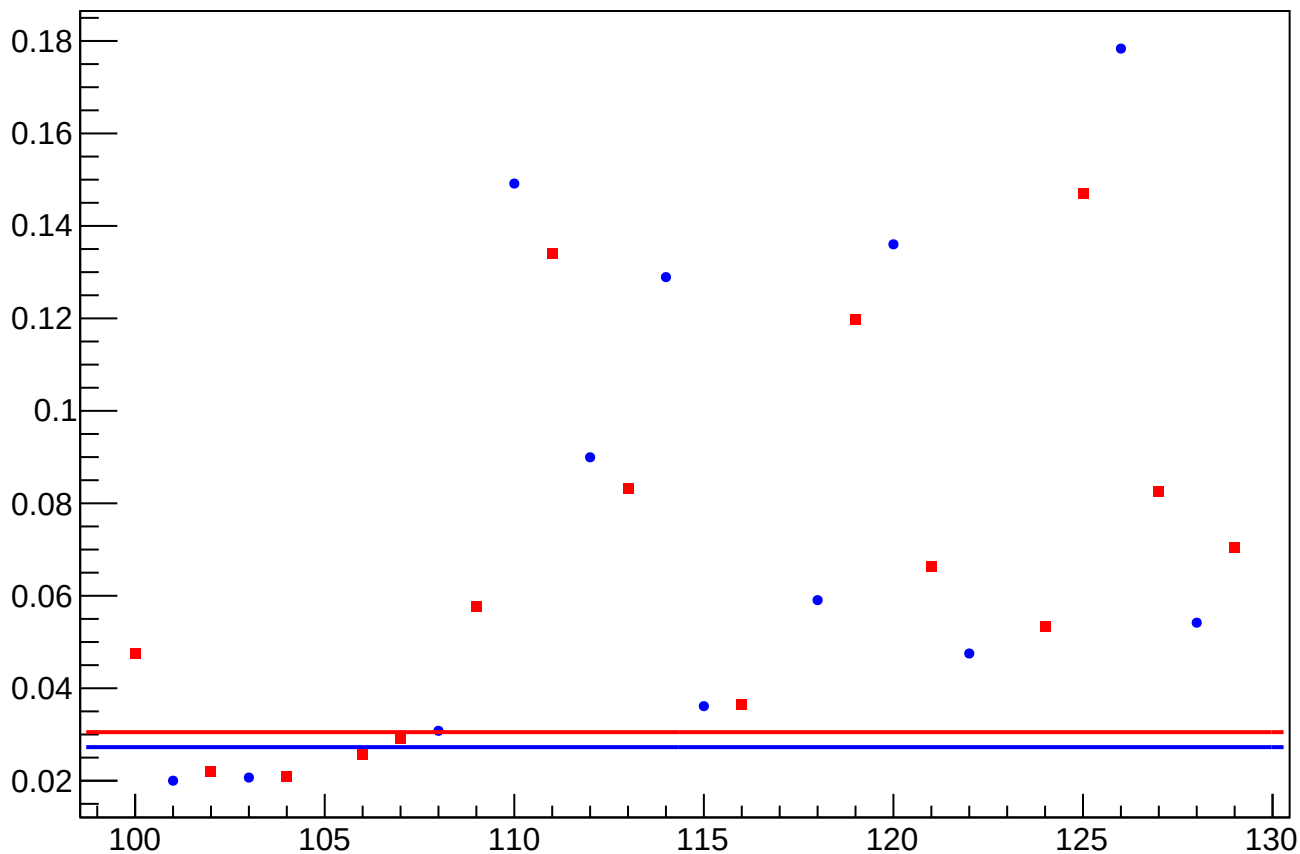
Right: 0.579+/-0.000 χ^2/NDF : 6214566759.7/26

In: 0.666+/-0.000 χ^2/NDF :1707730469.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.579+/-0.000 χ^2/NDF : 6214566759.7/26

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.027+/-0.000 χ^2/NDF : 2679897.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.031+/-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

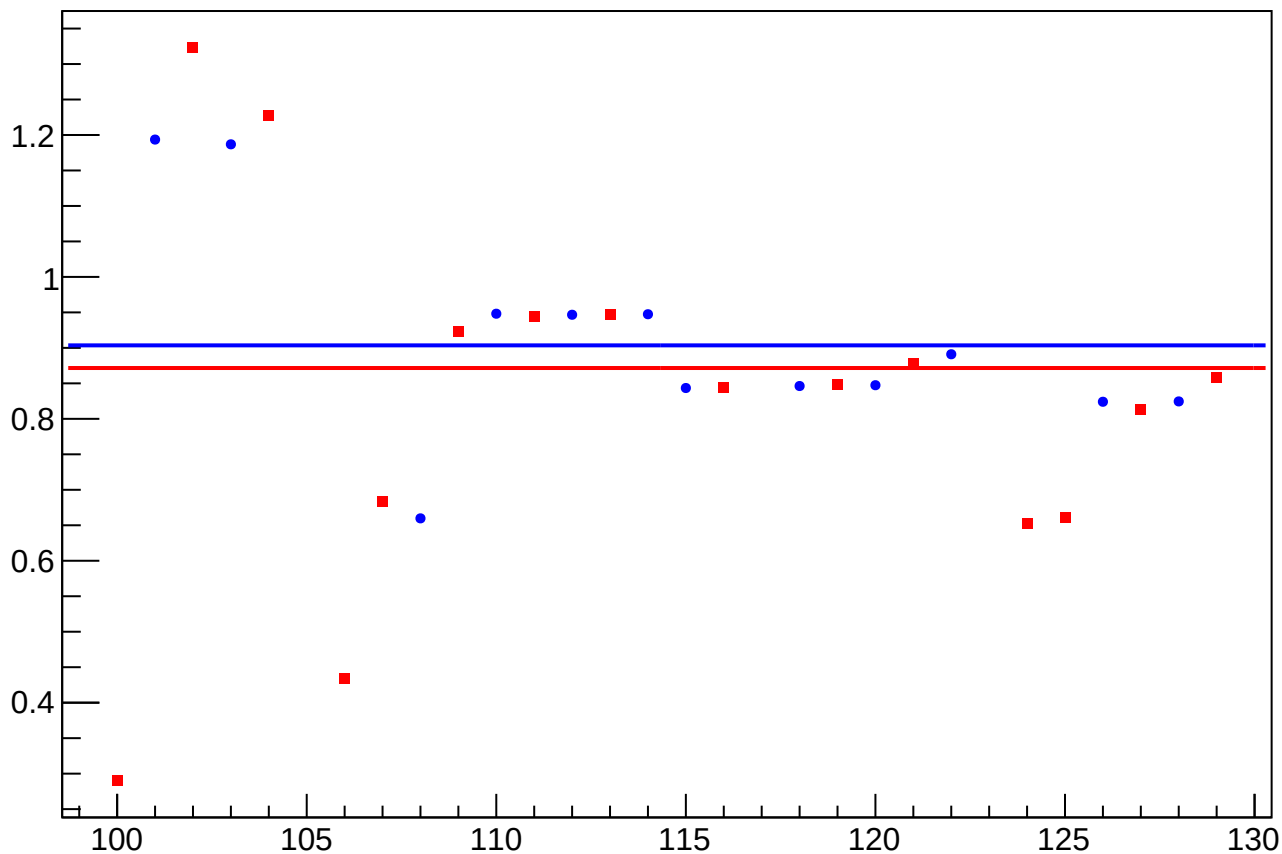
Right: 0.029+/-0.000 χ^2/NDF : 5734835.0/26

In: 0.027+/-0.000 χ^2/NDF : 2679897.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.000 χ^2/NDF : 5734835.0/26

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.904+/-0.000 χ^2/NDF : 337594261.5/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.872+/-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

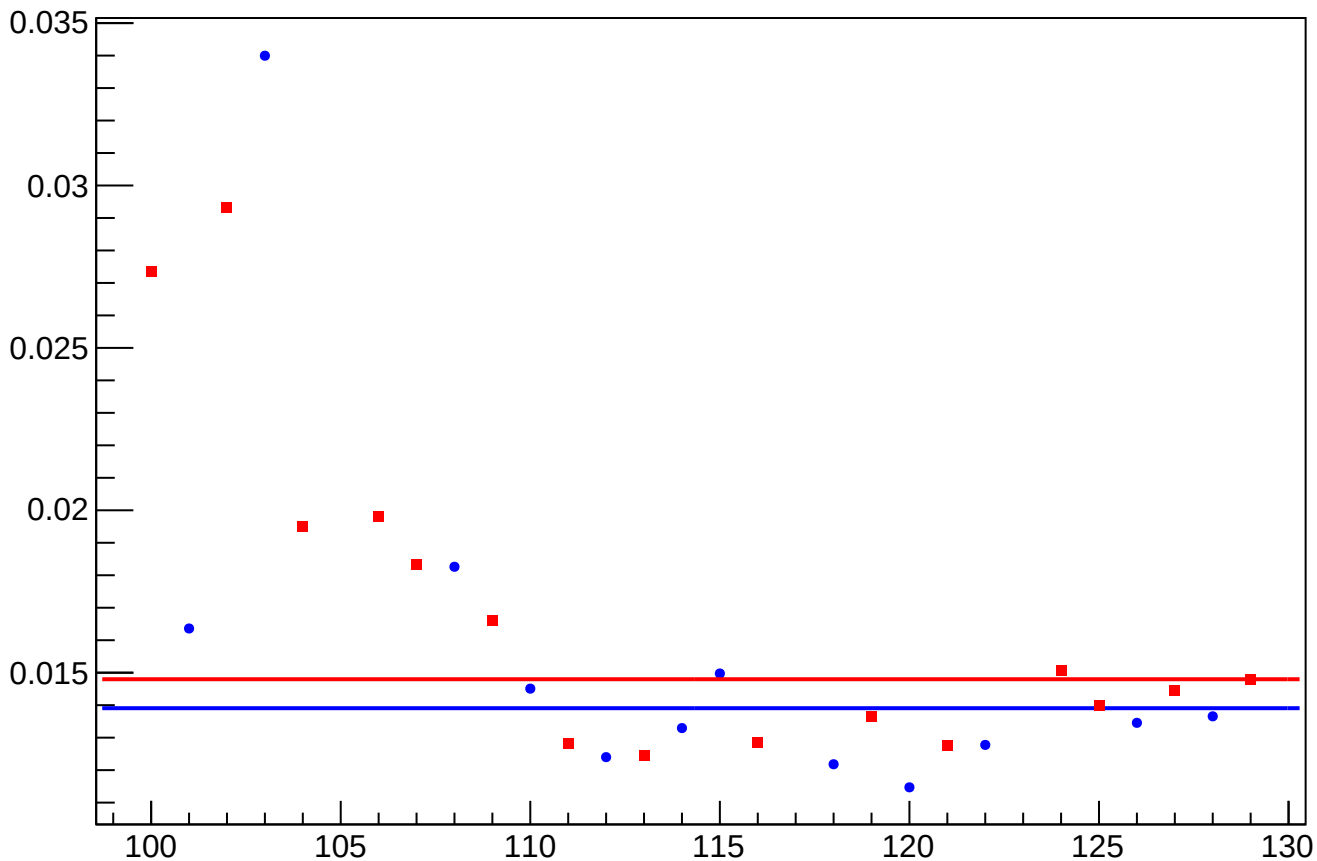
Right: 0.887+/-0.000 χ^2/NDF : 951257726.9/26

In: 0.904+/-0.000 χ^2/NDF :337594261.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.887+/-0.000 χ^2/NDF : 951257726.9/26

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 529076.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 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

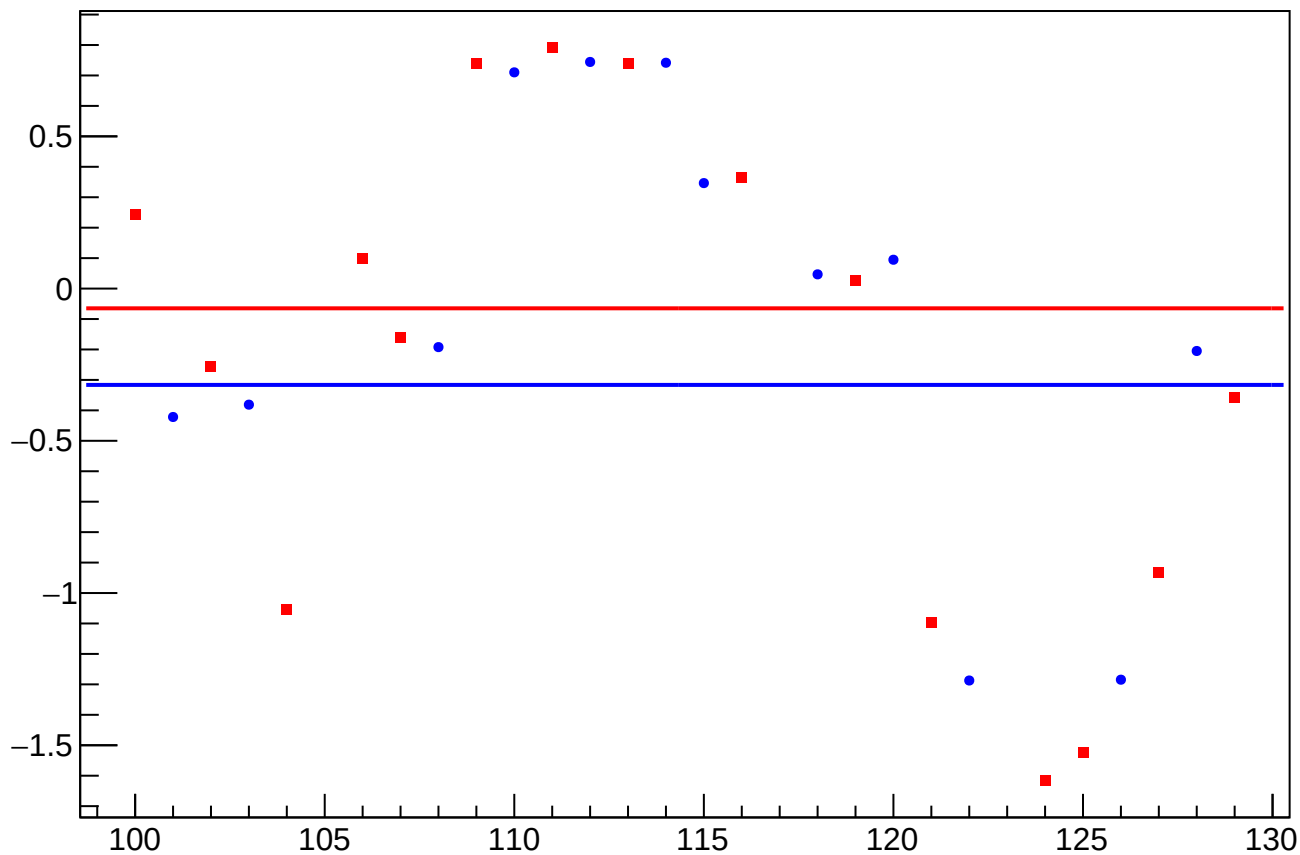
Right: 0.014+/-0.000 χ^2/NDF : 1049335.2/26

In: 0.014+/-0.000 χ^2/NDF : 529076.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 1049335.2/26

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.316+/-0.000 χ^2/NDF : 5441070350.1/11

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

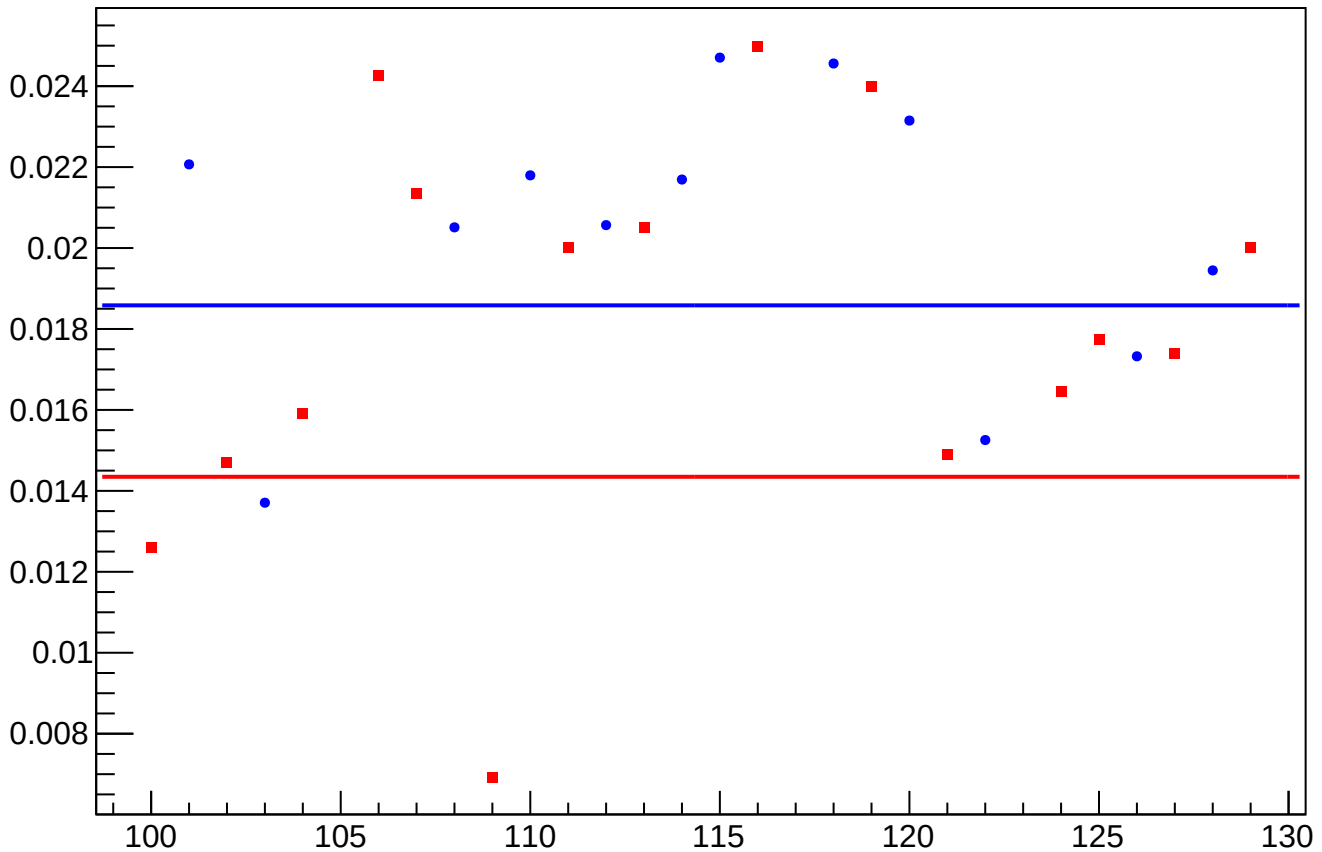
Right: -0.157+/-0.000 χ^2/NDF : 20474213578.2/26

In: -0.316+/-0.000 χ^2/NDF :5441070350.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.157+/-0.000 χ^2/NDF : 20474213578.2/26

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.019+/-0.000 χ^2/NDF : 349246.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 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

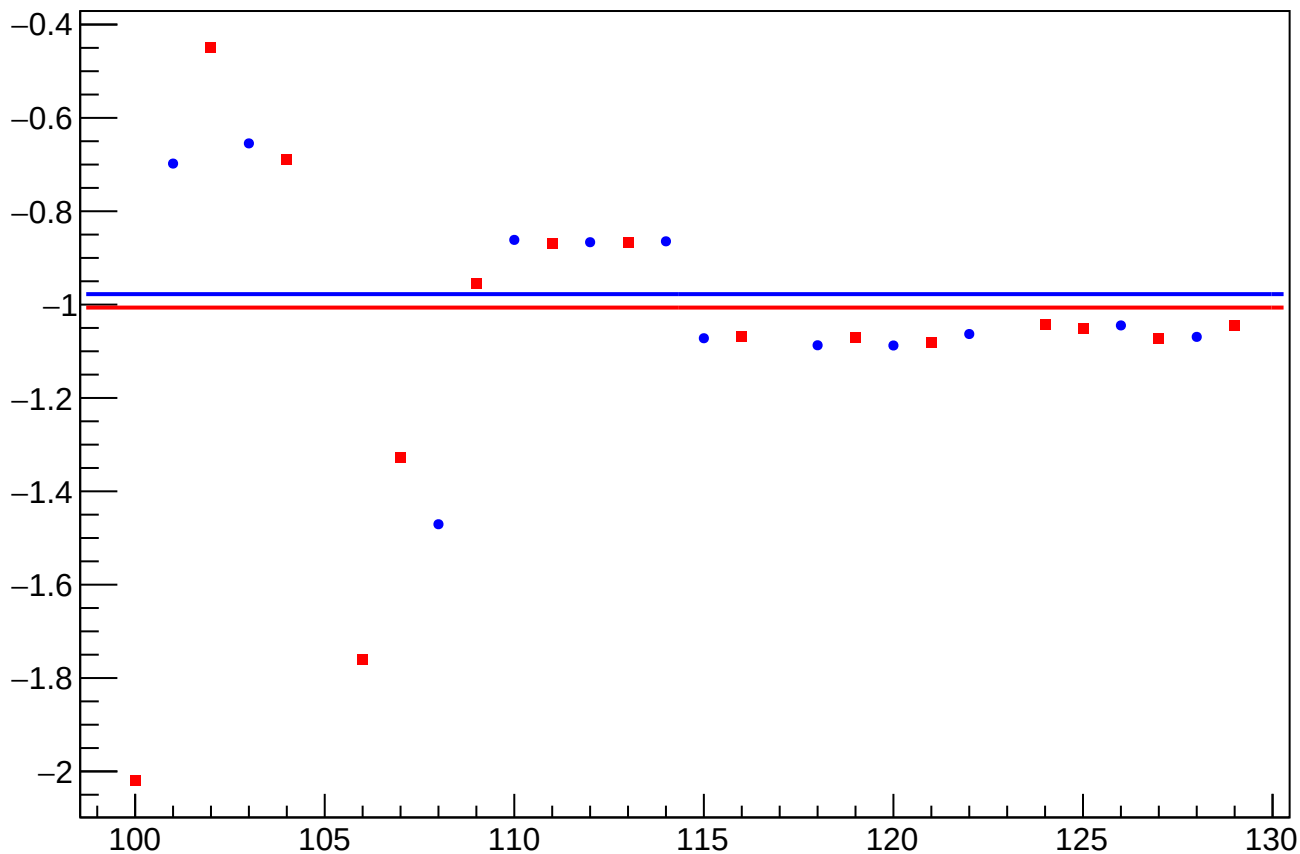
Right: 0.016+/-0.000 χ^2/NDF : 2099779.2/26

In: 0.019+/-0.000 χ^2/NDF :349246.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.016+/-0.000 χ^2/NDF : 2099779.2/26

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.978+/-0.000 χ^2/NDF : 133454114.3/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.006+/-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

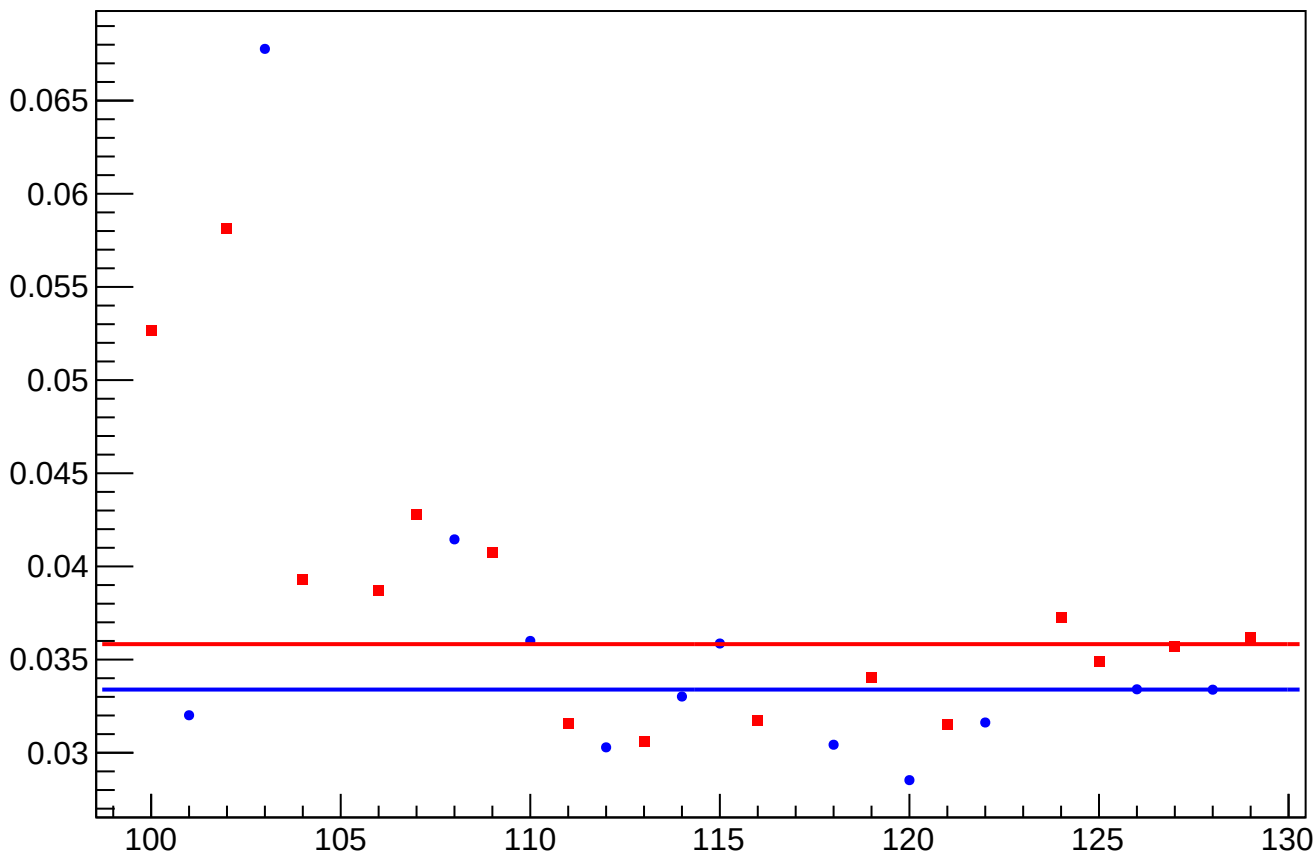
Right: -0.992+/-0.000 χ^2/NDF : 373926706.8/26

In: -0.978+/-0.000 χ^2/NDF :133454114.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.992+/-0.000 χ^2/NDF : 373926706.8/26

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.033+/-0.000 χ^2/NDF : 355878.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.036+/-0.000 χ^2/NDF : 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

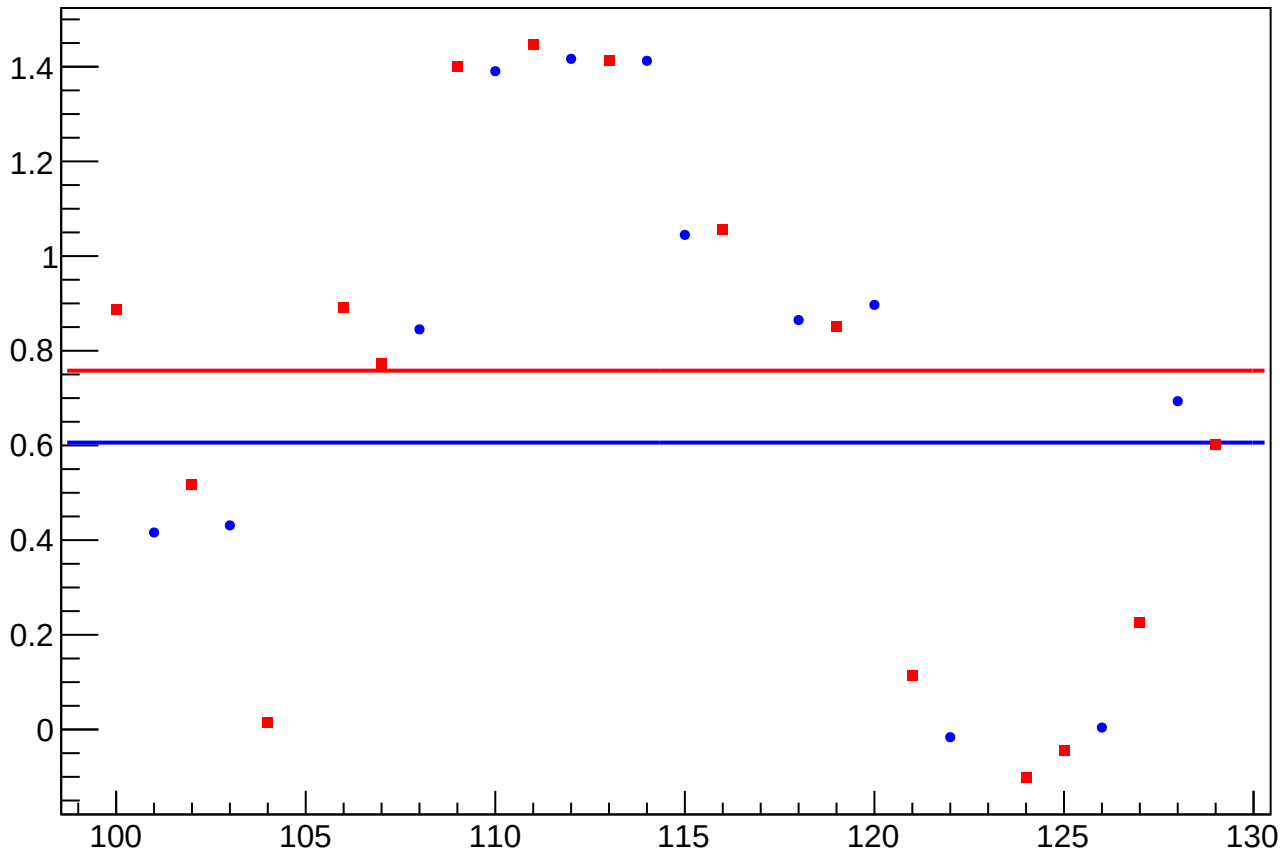
Right: 0.035+/-0.000 χ^2/NDF : 653160.4/26

In: 0.033+/-0.000 χ^2/NDF :355878.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.035+/-0.000 χ^2/NDF : 653160.4/26

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.606+/-0.000 χ^2/NDF : 6292420520.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.758+/-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

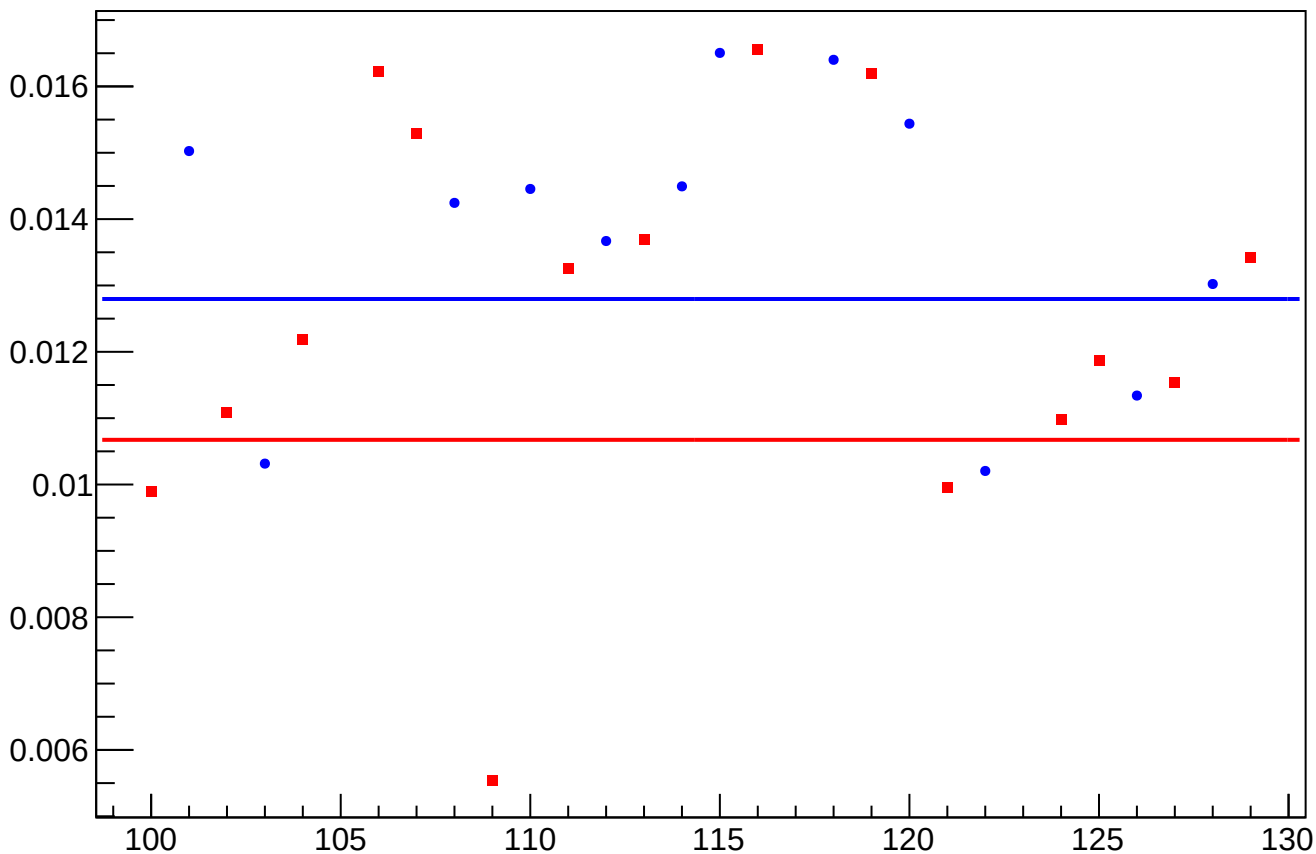
Right: 0.698+/-0.000 χ^2/NDF : 20498882635.1/26

In: 0.606+/-0.000 χ^2/NDF : 6292420520.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.698+/-0.000 χ^2/NDF : 20498882635.1/26

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 258278.1/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 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

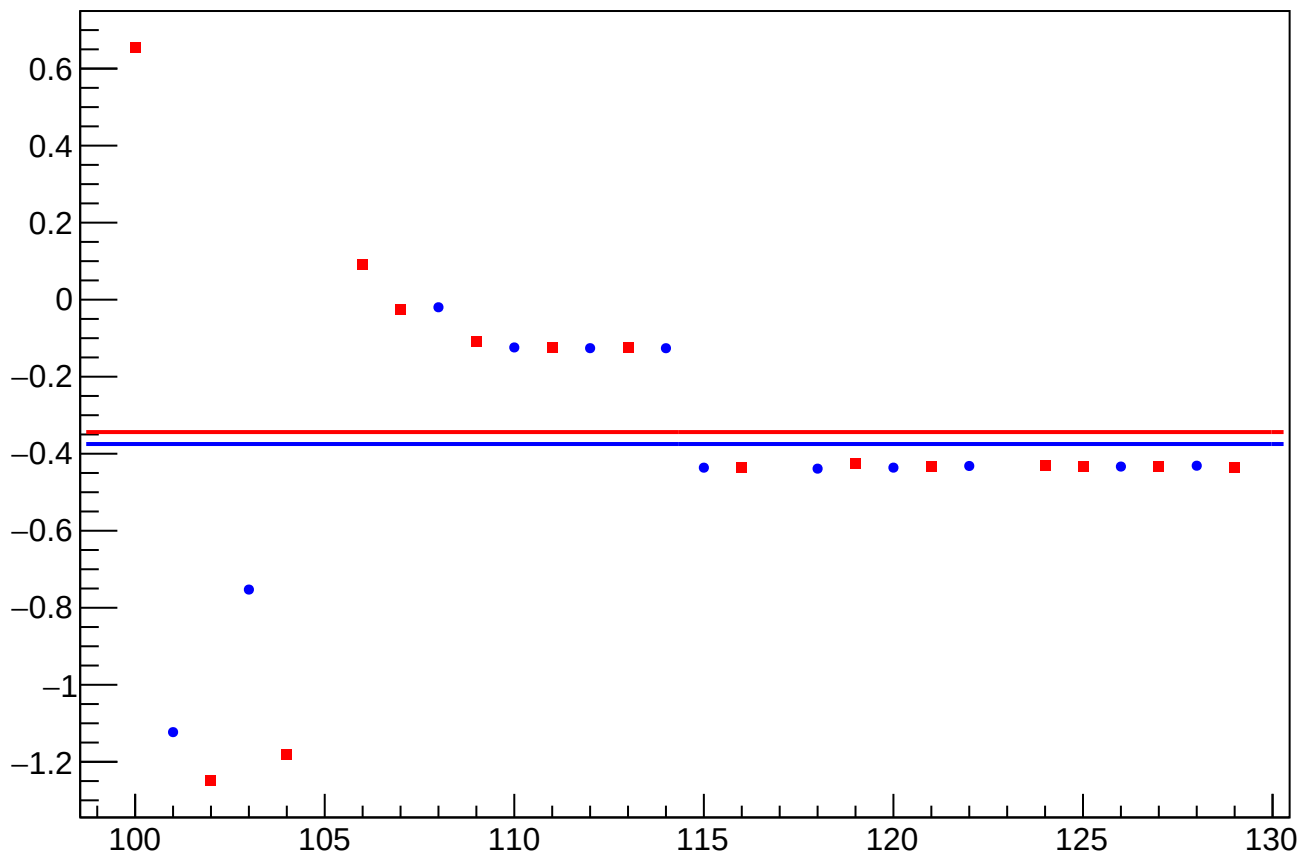
Right: 0.012+/-0.000 χ^2/NDF : 1407065.9/26

In: 0.013+/-0.000 χ^2/NDF :258278.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.000 χ^2/NDF : 1407065.9/26

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.375+/-0.000 χ^2/NDF : 667659304.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.344+/-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

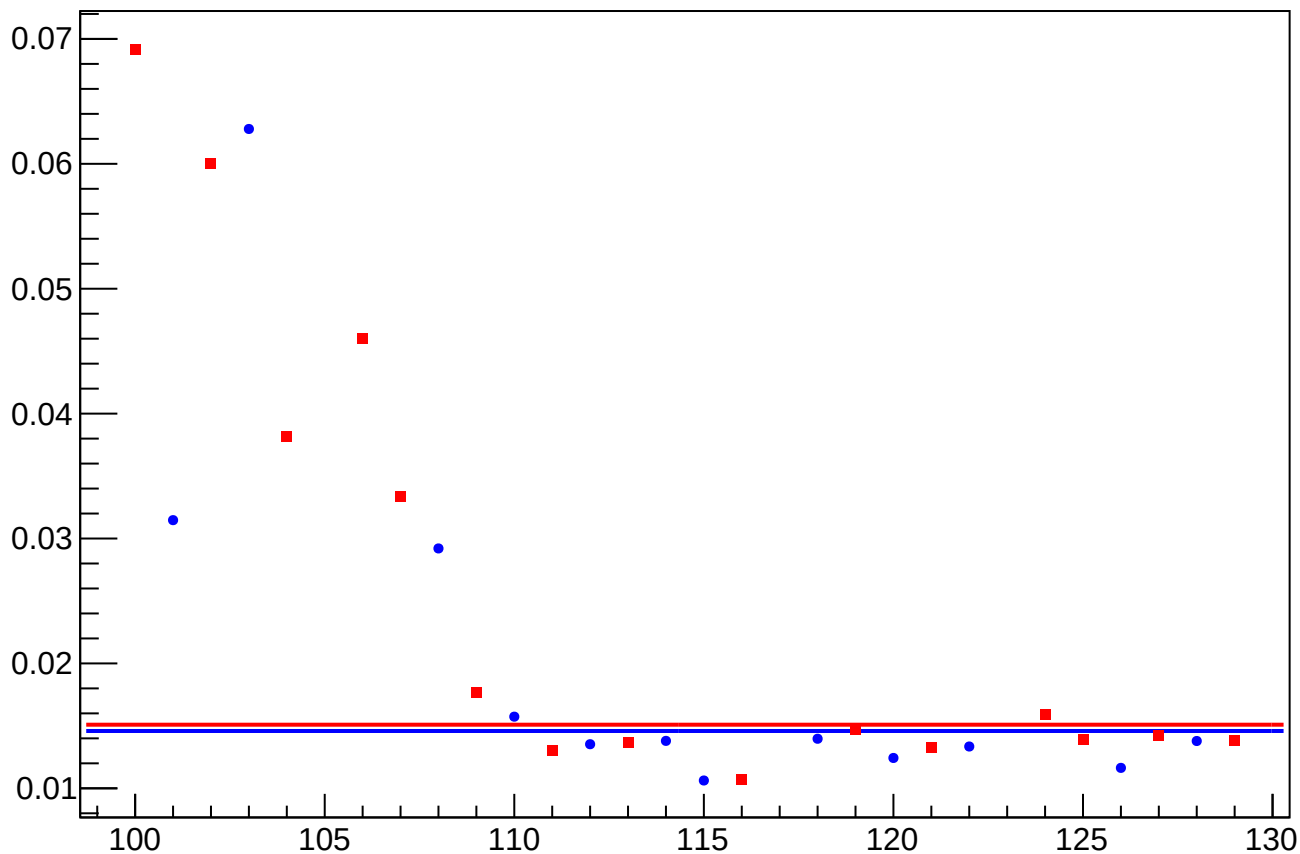
Right: -0.359+/-0.000 χ^2/NDF : 1421660543.1/26

In: -0.375+/-0.000 χ^2/NDF :667659304.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.359+/-0.000 χ^2/NDF : 1421660543.1/26

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 1213319.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 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

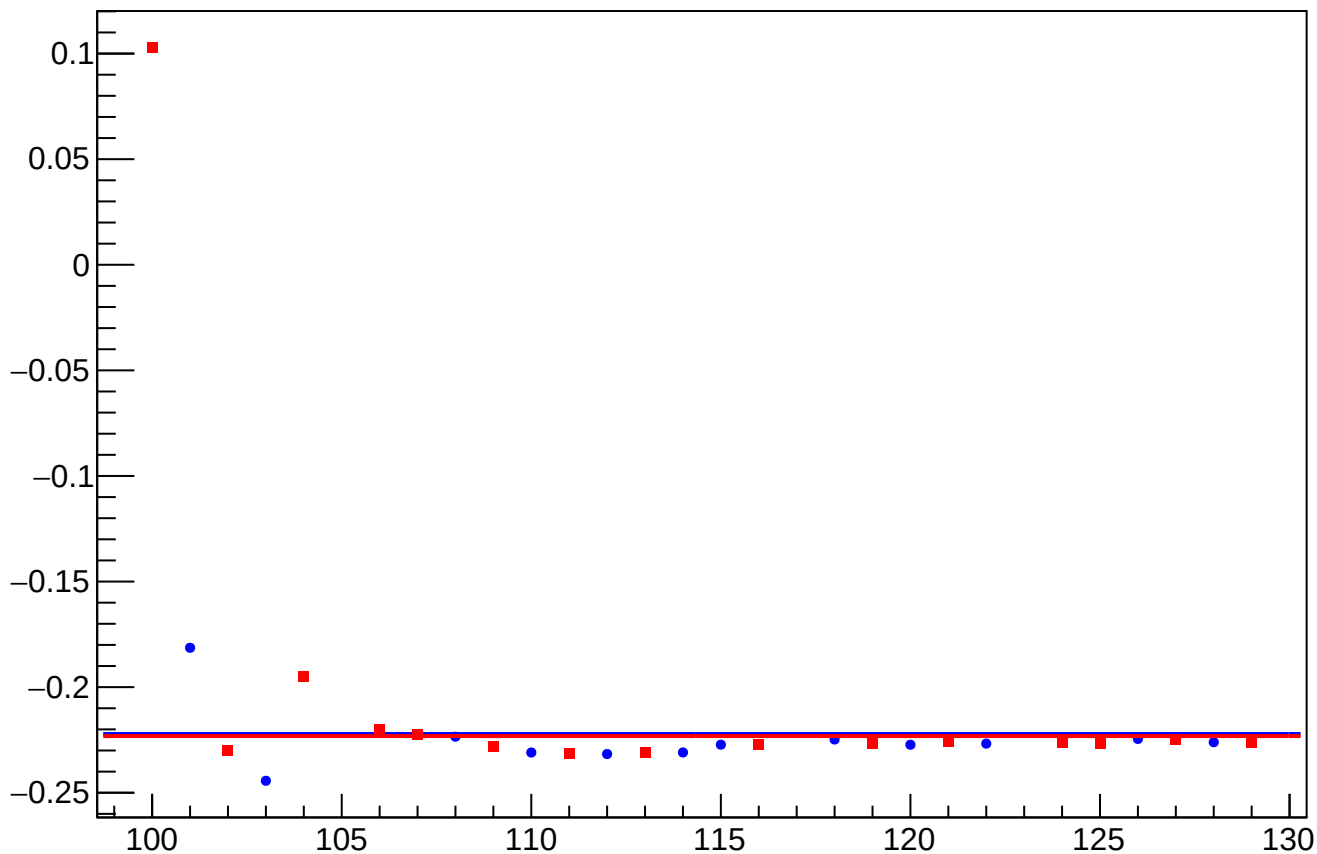
Right: 0.015+/-0.000 χ^2/NDF : 2695010.8/26

In: 0.015+/-0.000 χ^2/NDF : 1213319.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 2695010.8/26

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.222+/-0.000 χ^2/NDF : 51298353.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.223+/-0.000 χ^2/NDF : 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

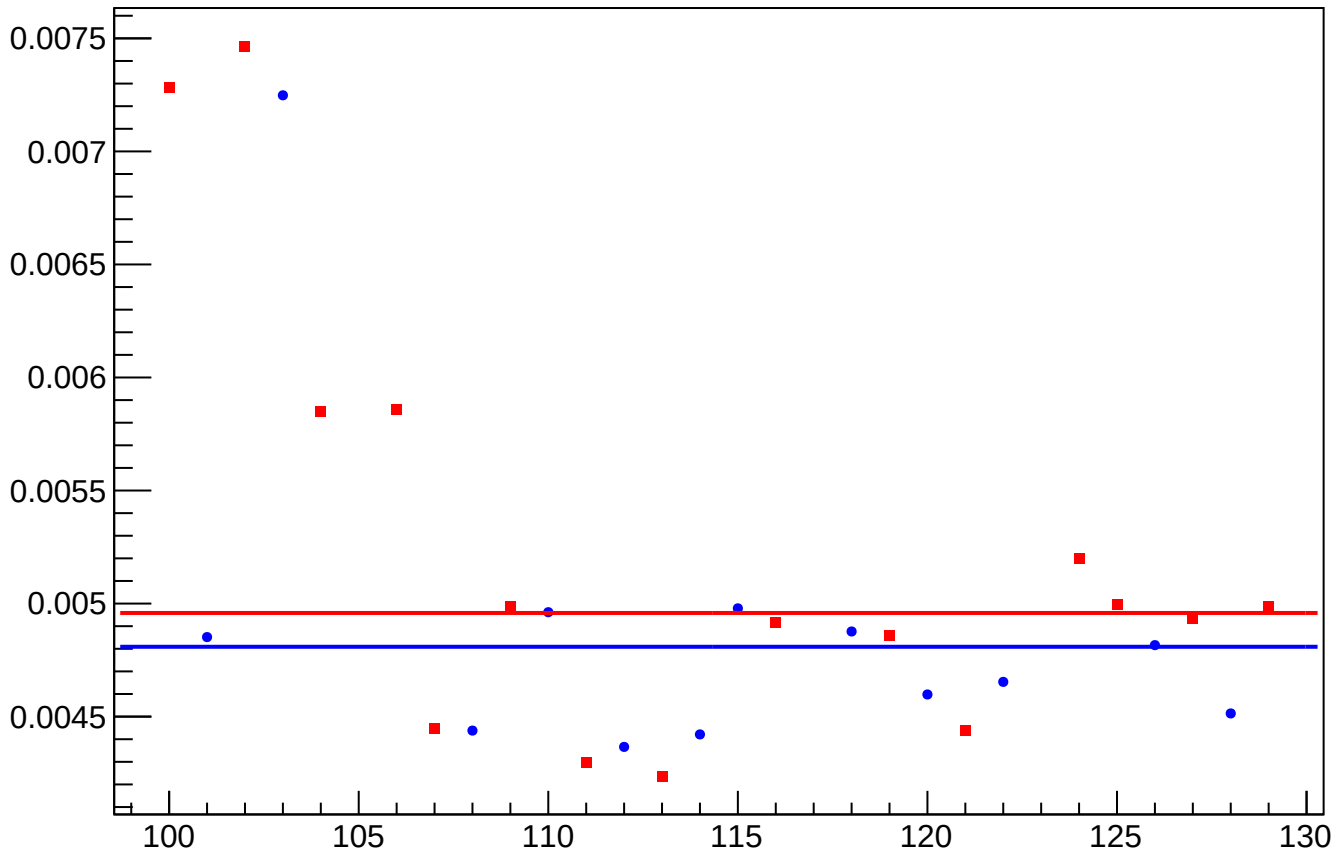
Right: -0.223+/-0.000 χ^2/NDF : 208865645.6/26

In: -0.222+/-0.000 χ^2/NDF : 51298353.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.223+/-0.000 χ^2/NDF : 208865645.6/26

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 150094.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 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

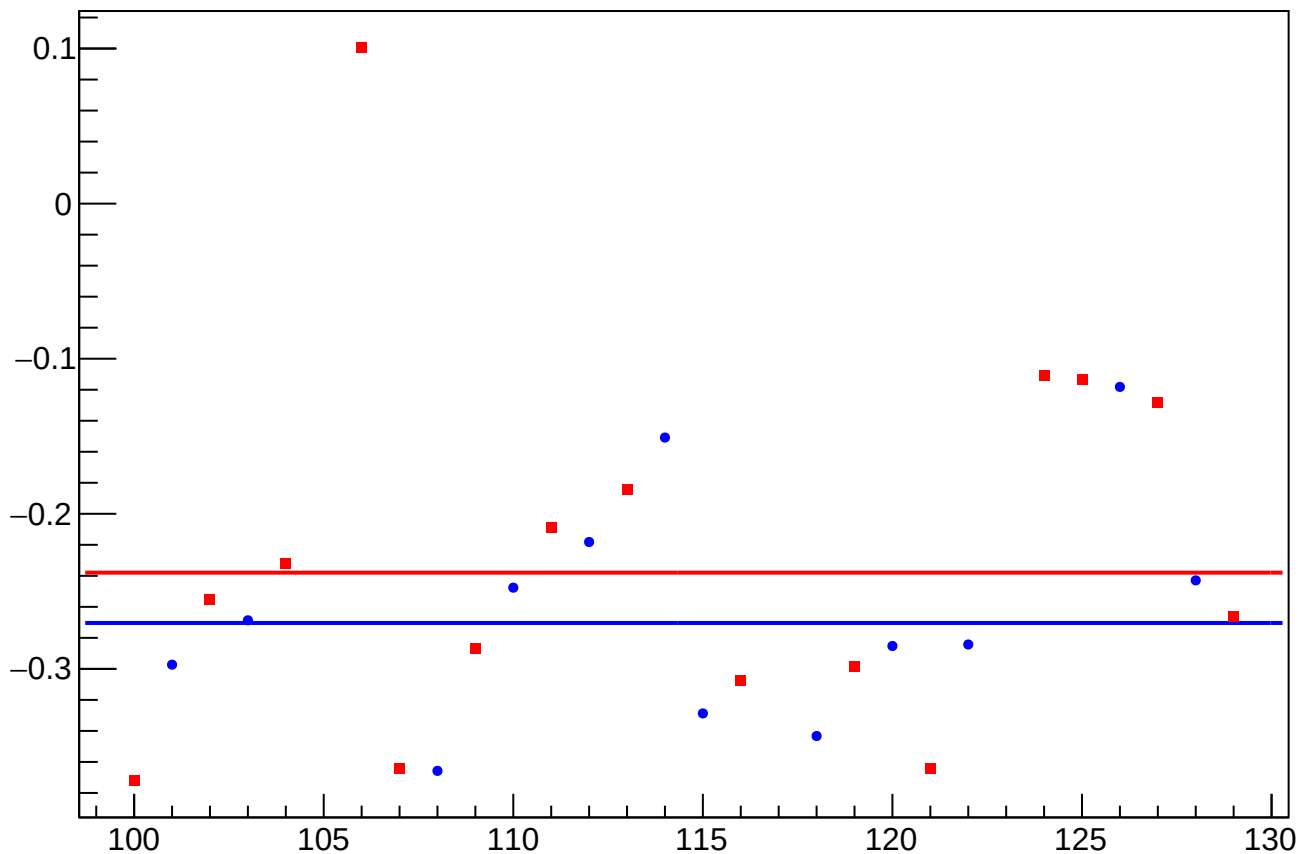
Right: 0.005+/-0.000 χ^2/NDF : 401101.4/26

In: 0.005+/-0.000 χ^2/NDF : 150094.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 401101.4/26

yield_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -0.270+/-0.000 χ^2/NDF : 467334898.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.238+/-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

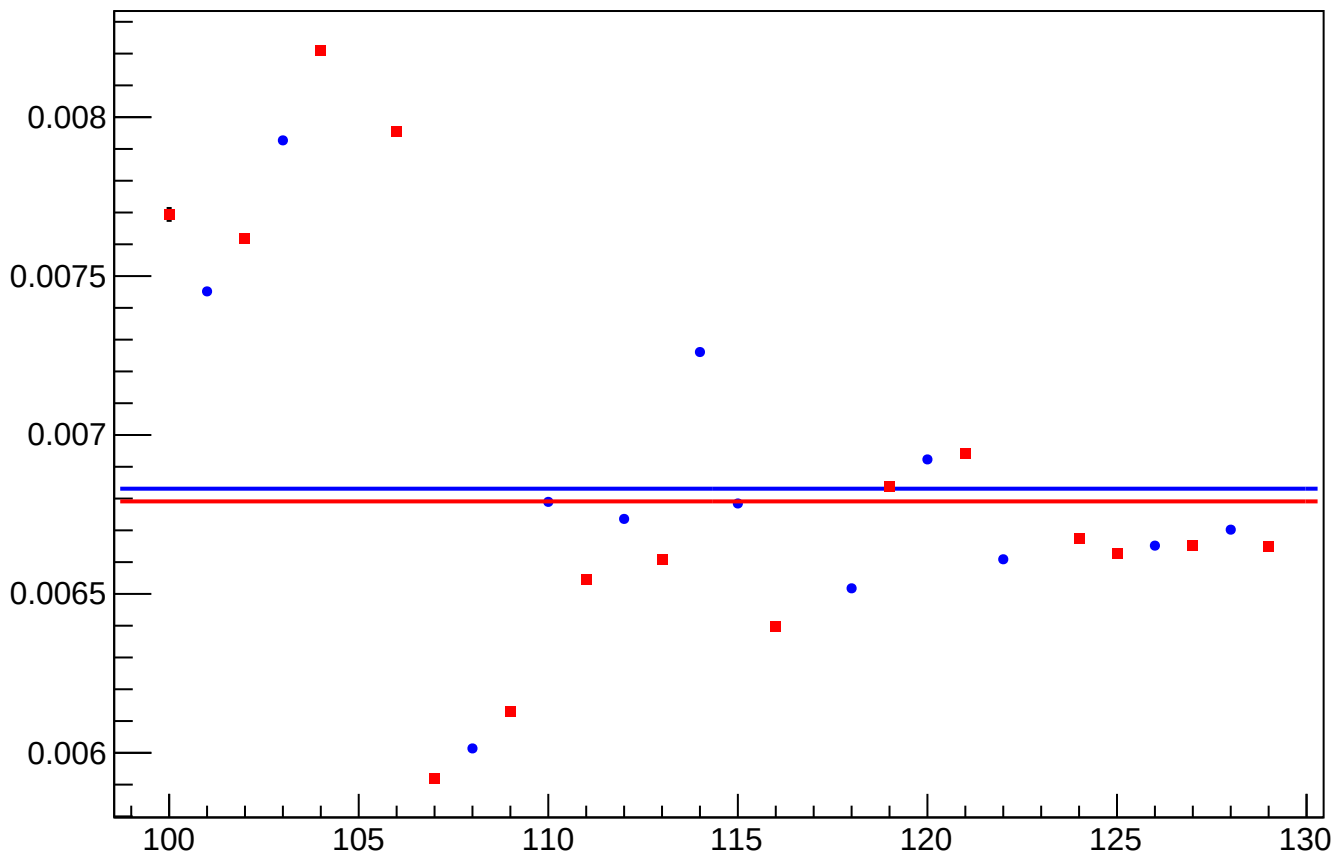
Right: -0.253+/-0.000 χ^2/NDF : 1610197219.2/26

In: -0.270+/-0.000 χ^2/NDF : 467334898.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.253+/-0.000 χ^2/NDF : 1610197219.2/26

yield_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 51689.5/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 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

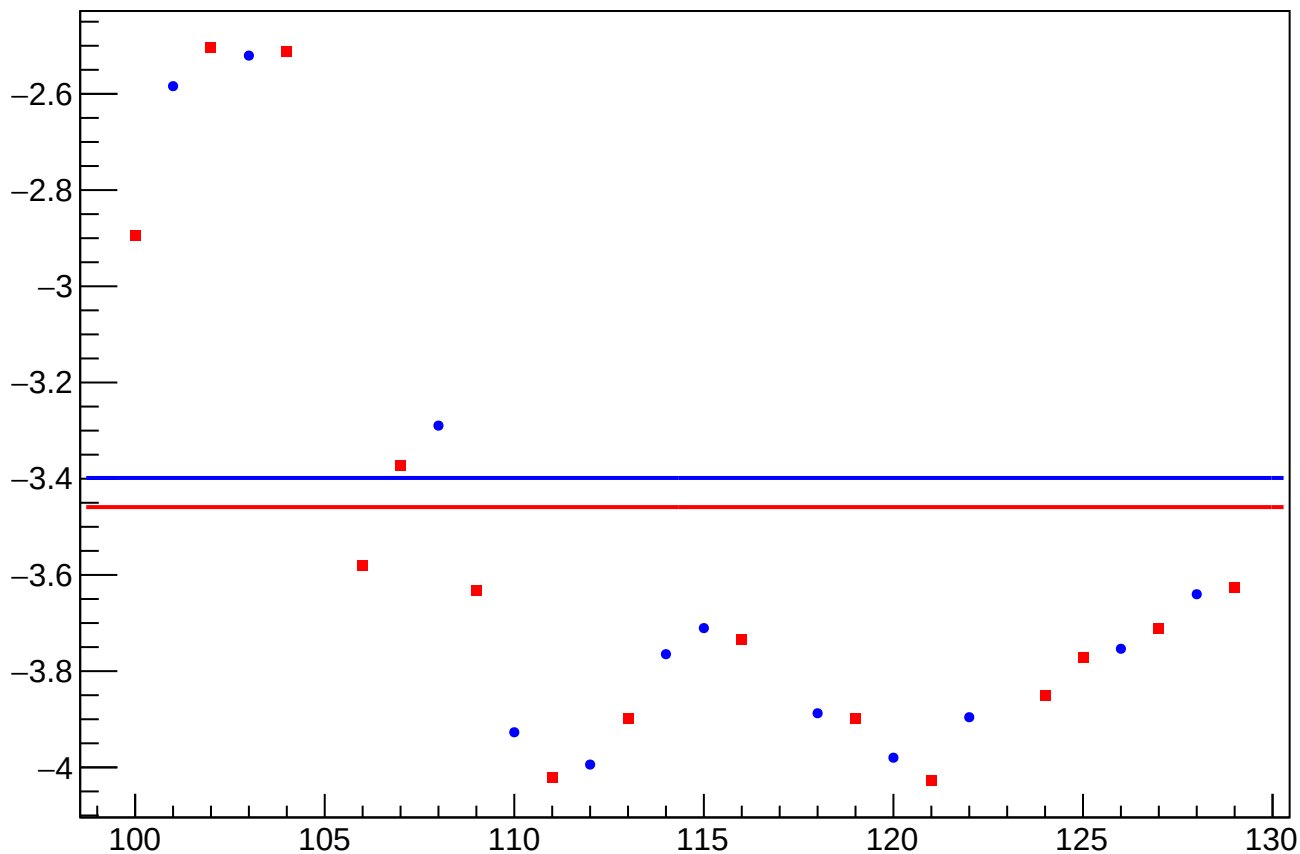
Right: 0.007+/-0.000 χ^2/NDF : 135896.4/26

In: 0.007+/-0.000 χ^2/NDF :51689.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 135896.4/26

yield_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -3.398+/-0.000 χ^2/NDF : 27916298904.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.459+/-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

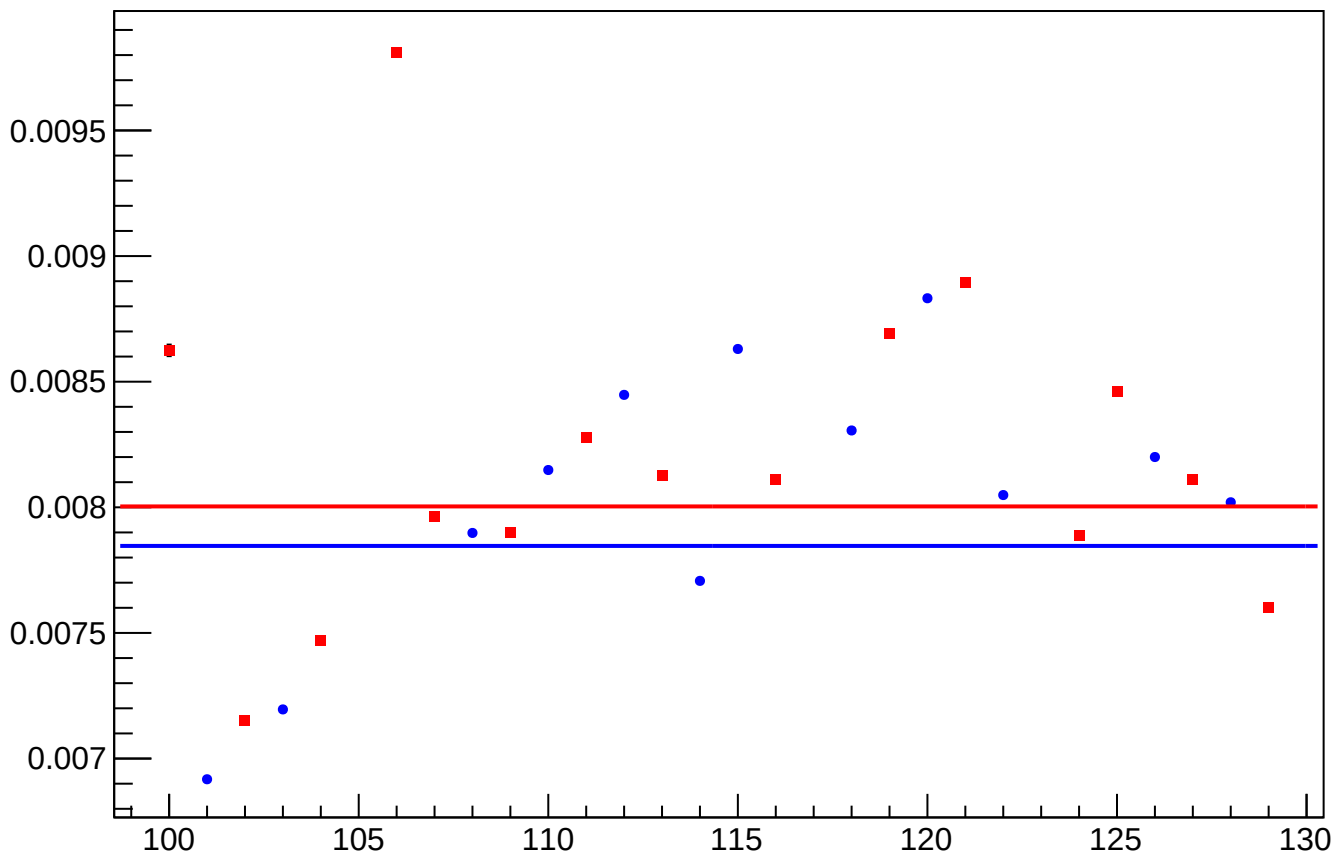
Right: -3.430+/-0.000 χ^2/NDF : 56336017932.6/26

In: -3.398+/-0.000 χ^2/NDF : 27916298904.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.430+/-0.000 χ^2/NDF : 56336017932.6/26

yield_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 54929.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 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

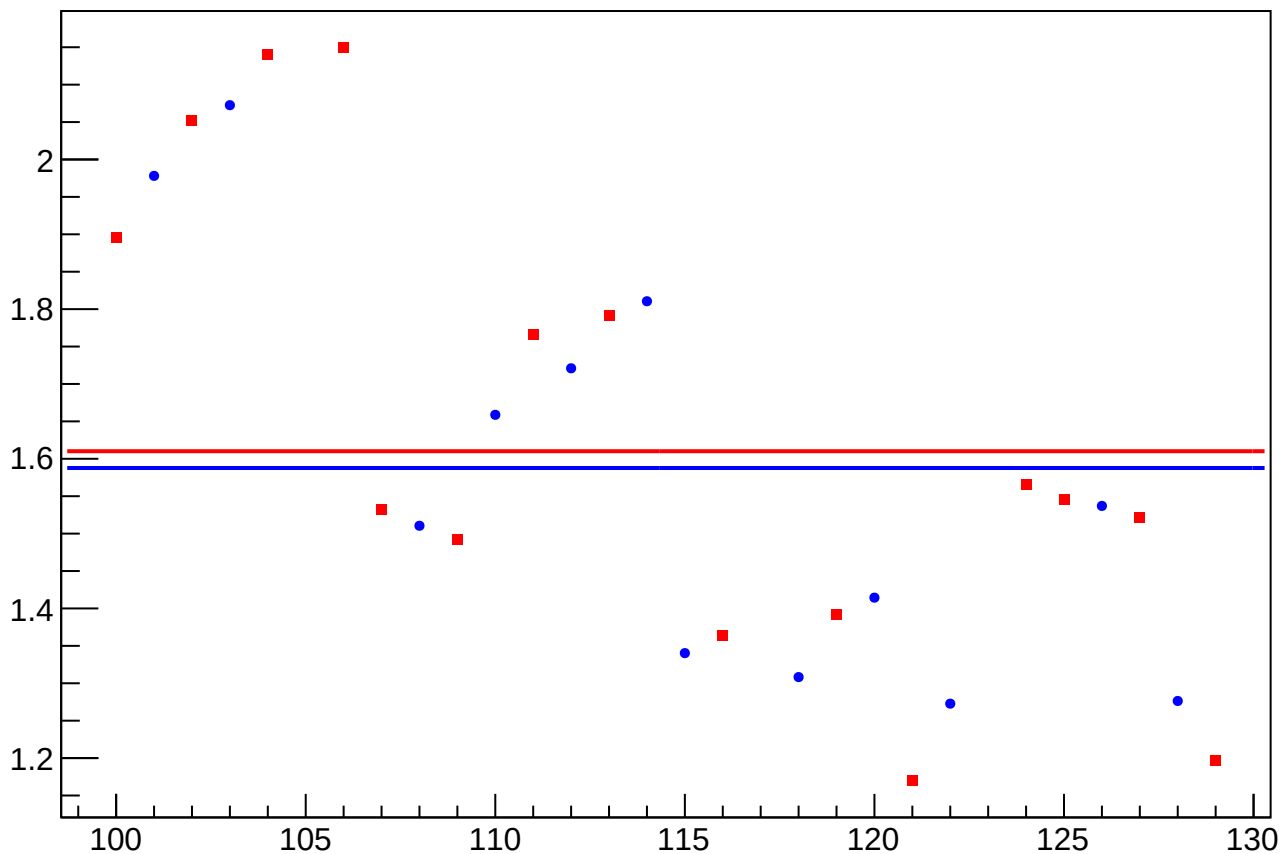
Right: 0.008+/-0.000 χ^2/NDF : 113196.8/26

In: 0.008+/-0.000 χ^2/NDF : 54929.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 113196.8/26

yield_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: 1.588+/-0.000 χ^2/NDF : 2442563320.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.610+/-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

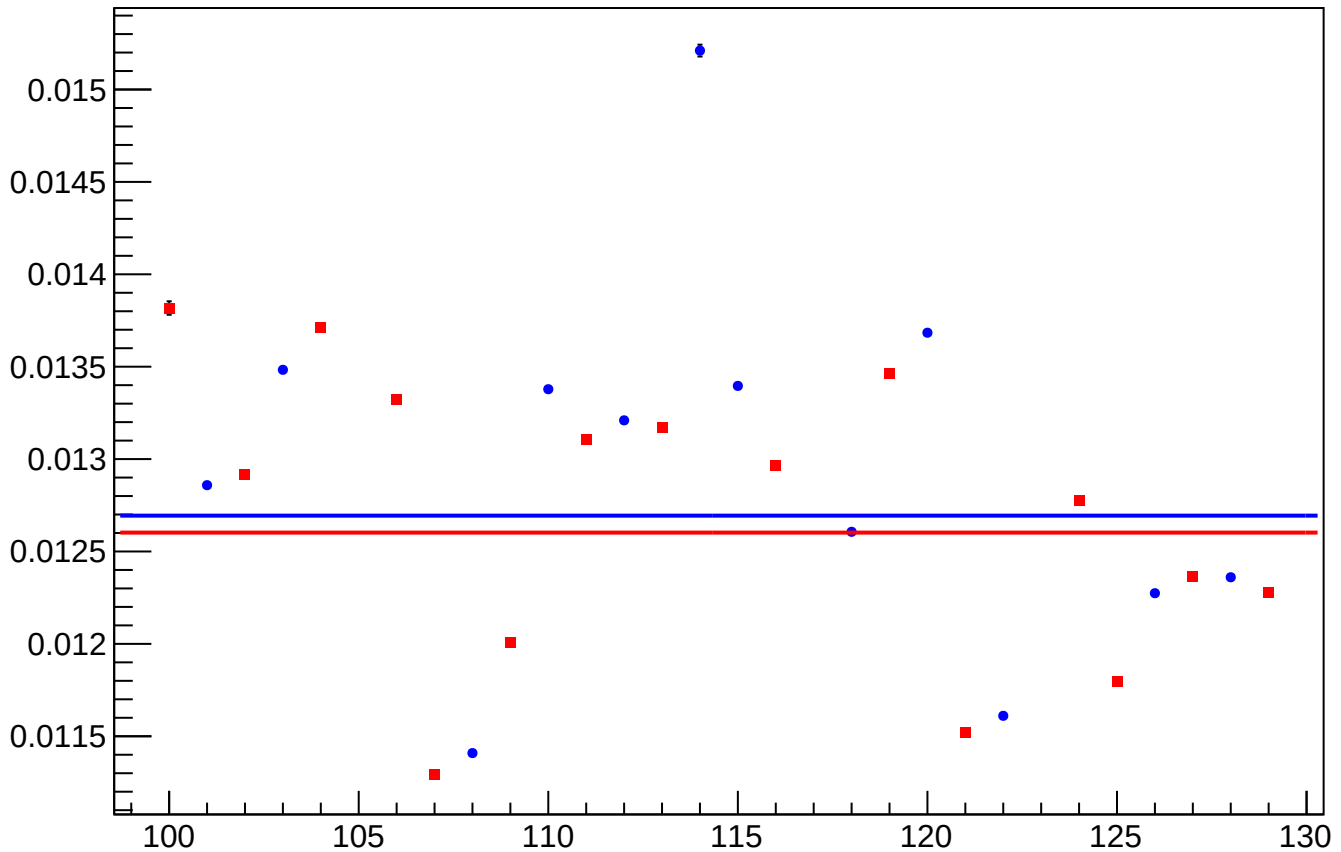
Right: 1.600+/-0.000 χ^2/NDF : 5893458442.2/26

In: 1.588+/-0.000 χ^2/NDF : 2442563320.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.600+/-0.000 χ^2/NDF : 5893458442.2/26

yield_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 36570.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 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

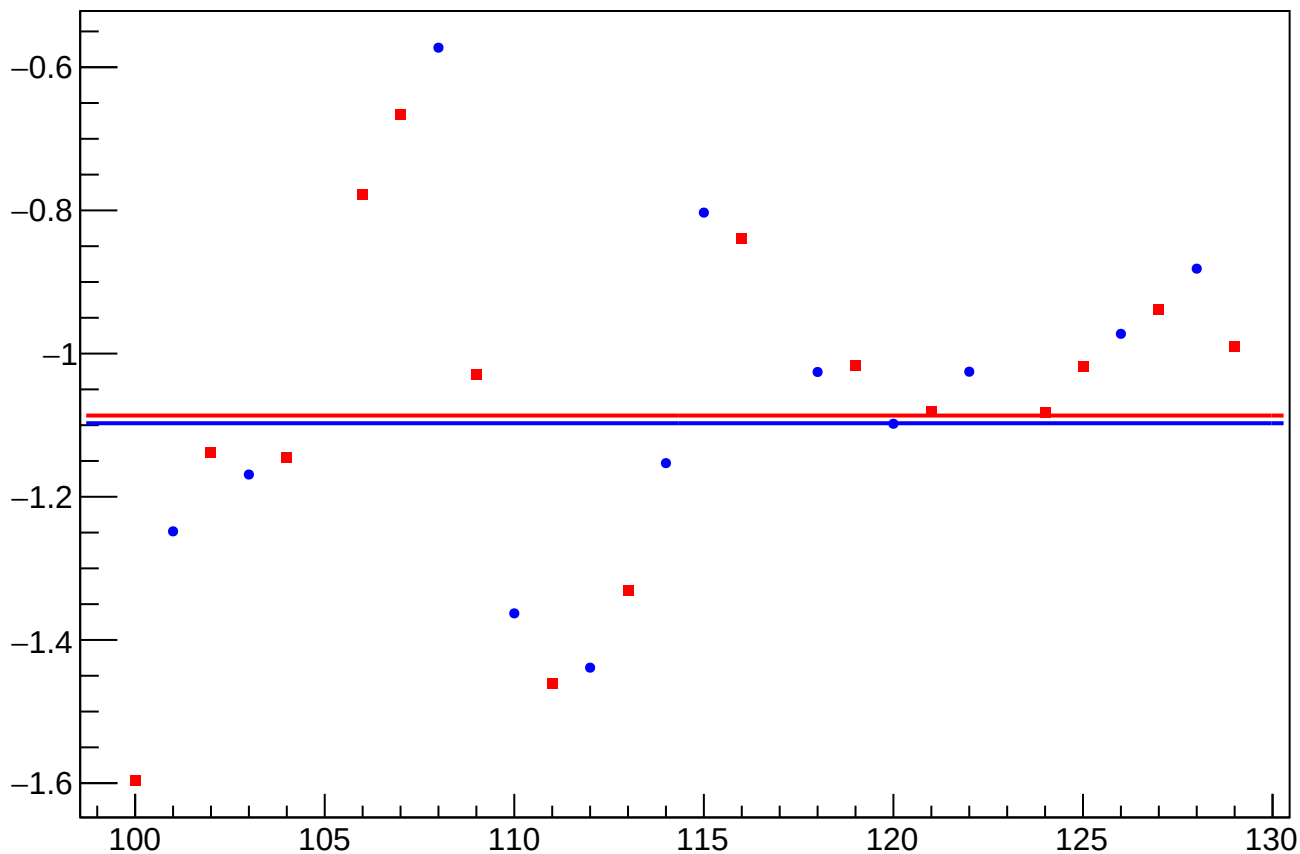
Right: 0.013+/-0.000 χ^2/NDF : 75393.6/26

In: 0.013+/-0.000 χ^2/NDF : 36570.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

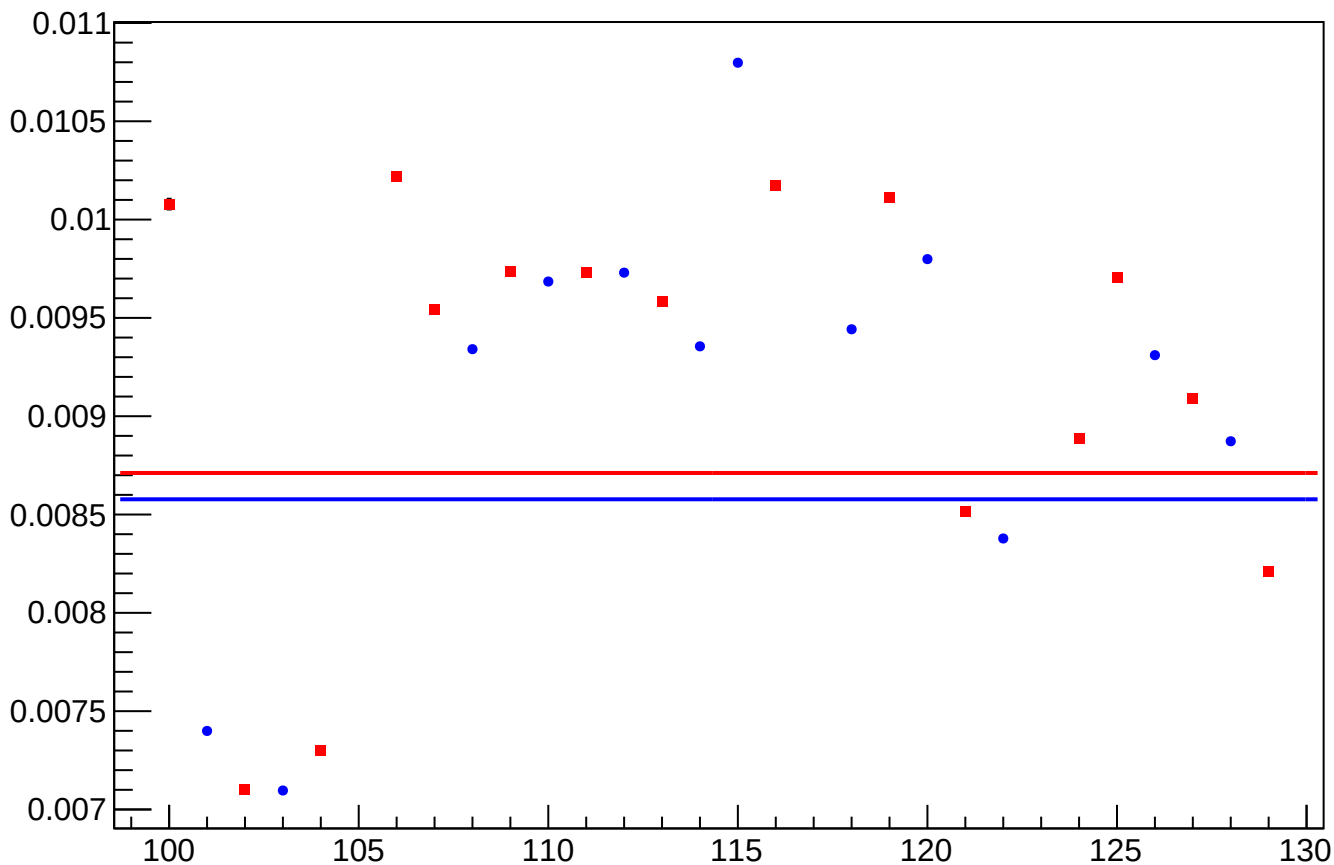
All: 0.013+/-0.000 χ^2/NDF : 75393.6/26

yield_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -1.097+/-0.000 χ^2 /NDF: 2875235260.6/11
 Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 Right Out: -1.087+/-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: -1.092+/-0.000 χ^2 /NDF: 5031785176.6/26
 In: -1.097+/-0.000 χ^2 /NDF:2875235260.6/11
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: -1.092+/-0.000 χ^2 /NDF: 5031785176.6/26

yield_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 148013.3/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 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

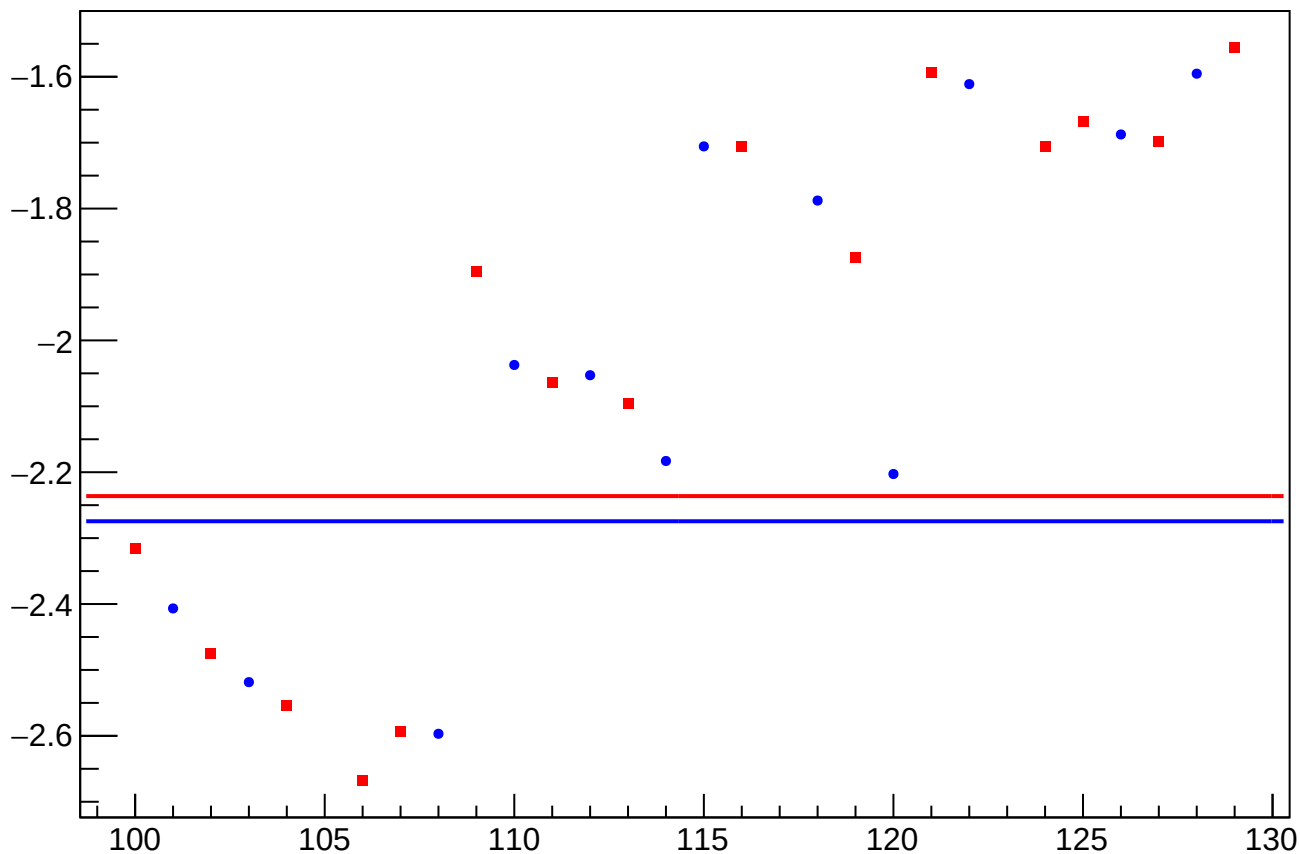
Right: 0.009+/-0.000 χ^2/NDF : 334675.3/26

In: 0.009+/-0.000 χ^2/NDF :148013.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.009+/-0.000 χ^2/NDF : 334675.3/26

yield_bpm0i05X_mean vs Slug, Sign Corrected



Right In: -2.274 ± 0.000 χ^2/NDF : 8953624589.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.236 ± 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

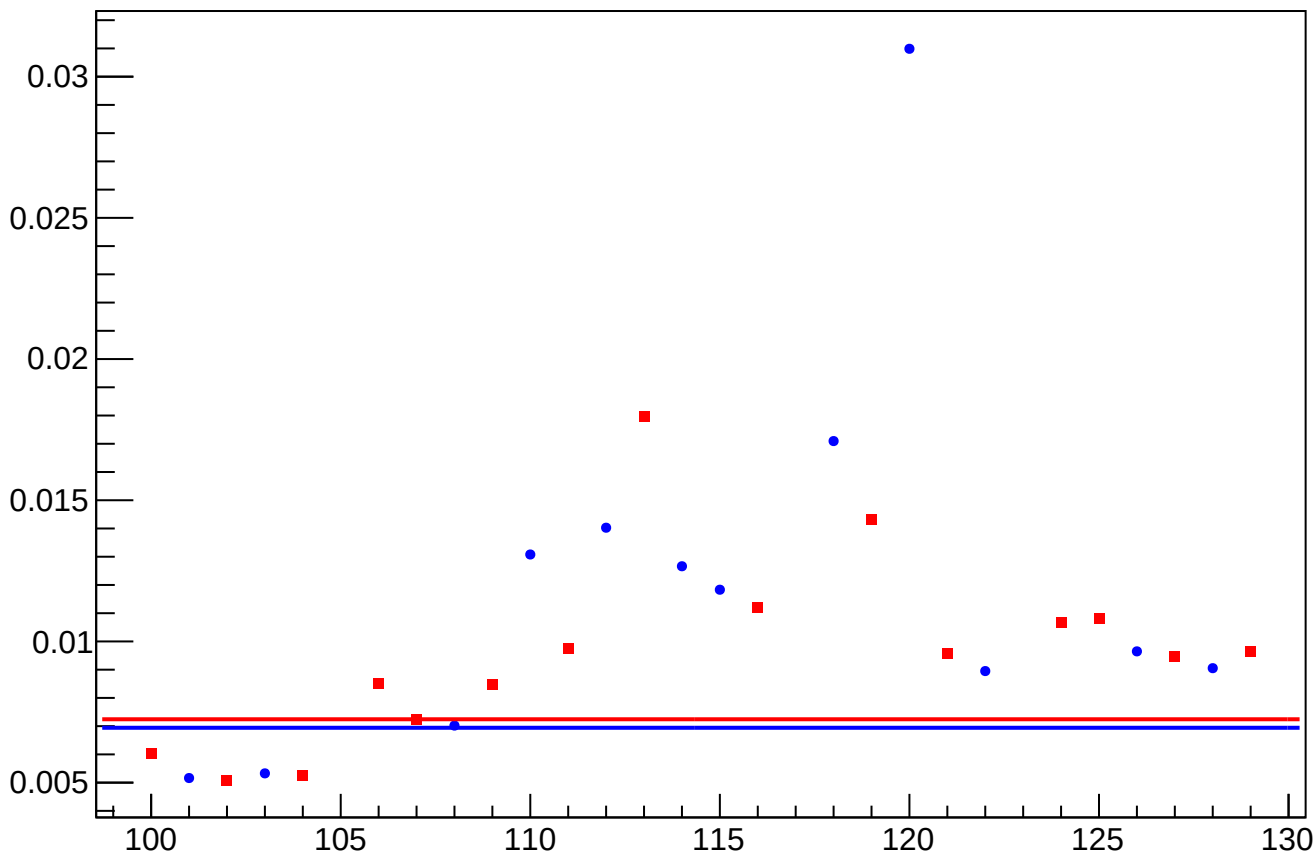
Right: -2.254 ± 0.000 χ^2/NDF : 20771303748.4/26

In: -2.274 ± 0.000 χ^2/NDF : 8953624589.4/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.254 ± 0.000 χ^2/NDF : 20771303748.4/26

yield_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 1306402.4/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 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

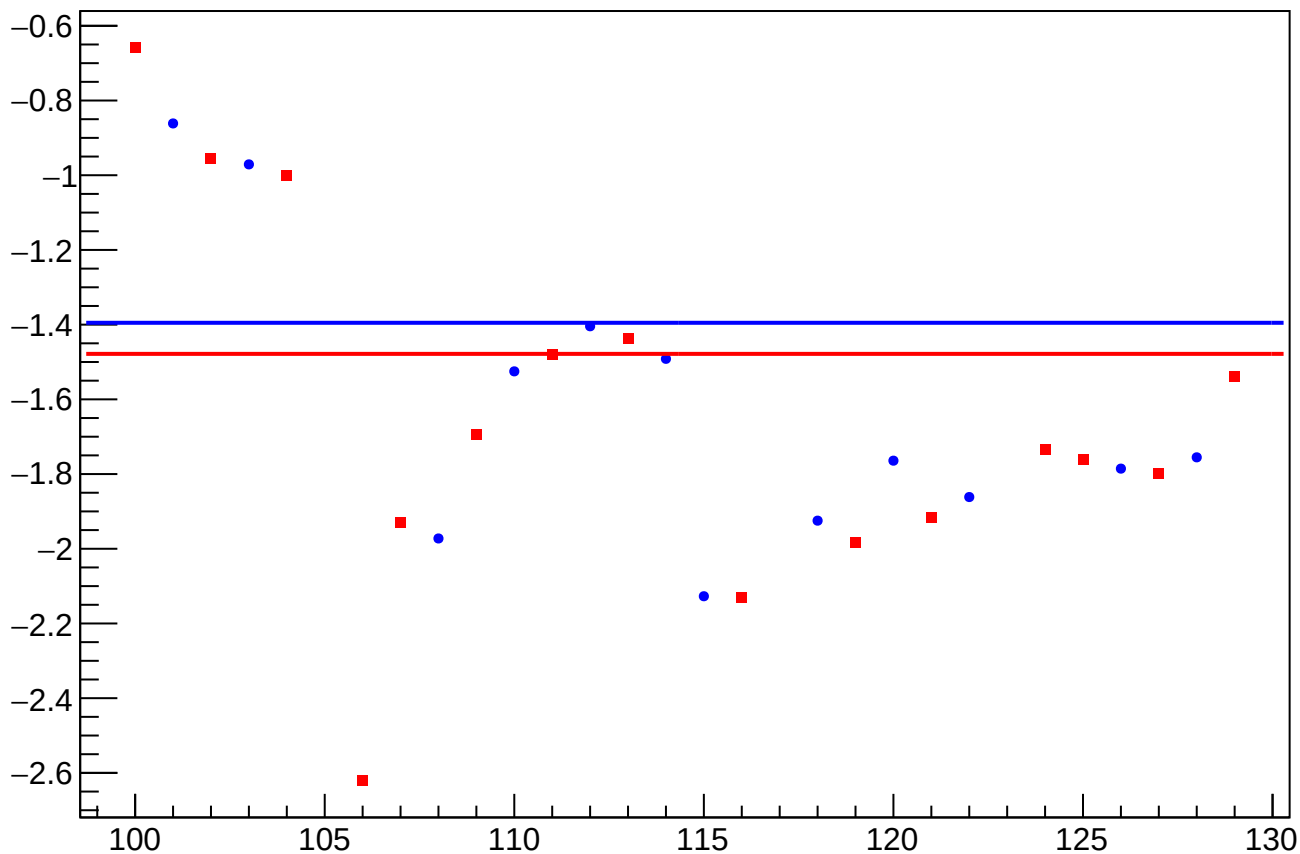
Right: 0.007+/-0.000 χ^2/NDF : 2431071.5/26

In: 0.007+/-0.000 χ^2/NDF :1306402.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 2431071.5/26

yield_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: -1.395+/-0.000 χ^2/NDF : 19556577354.0/11

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

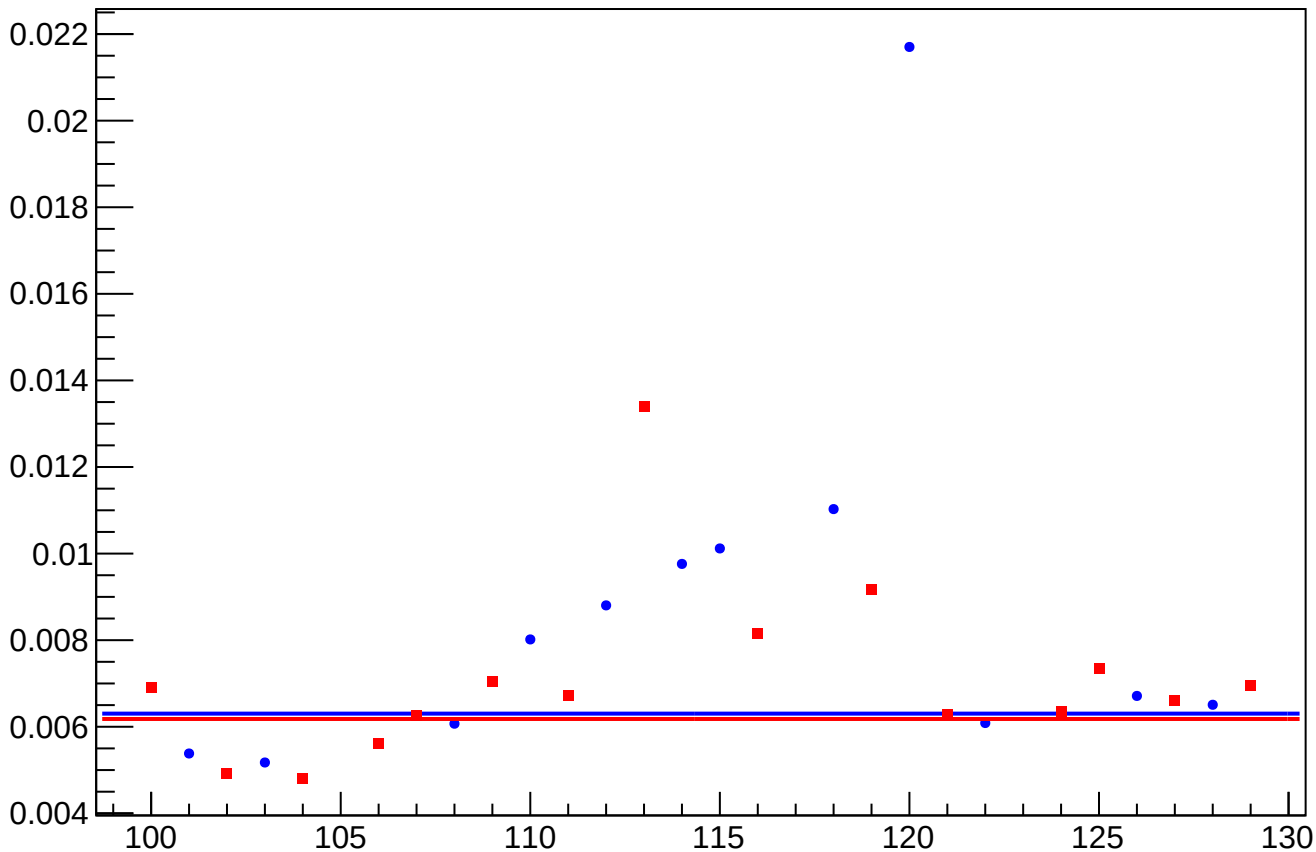
Right: -1.442+/-0.000 χ^2/NDF : 45736021734.1/26

In: -1.395+/-0.000 χ^2/NDF : 19556577354.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.442+/-0.000 χ^2/NDF : 45736021734.1/26

yield_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 592398.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 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

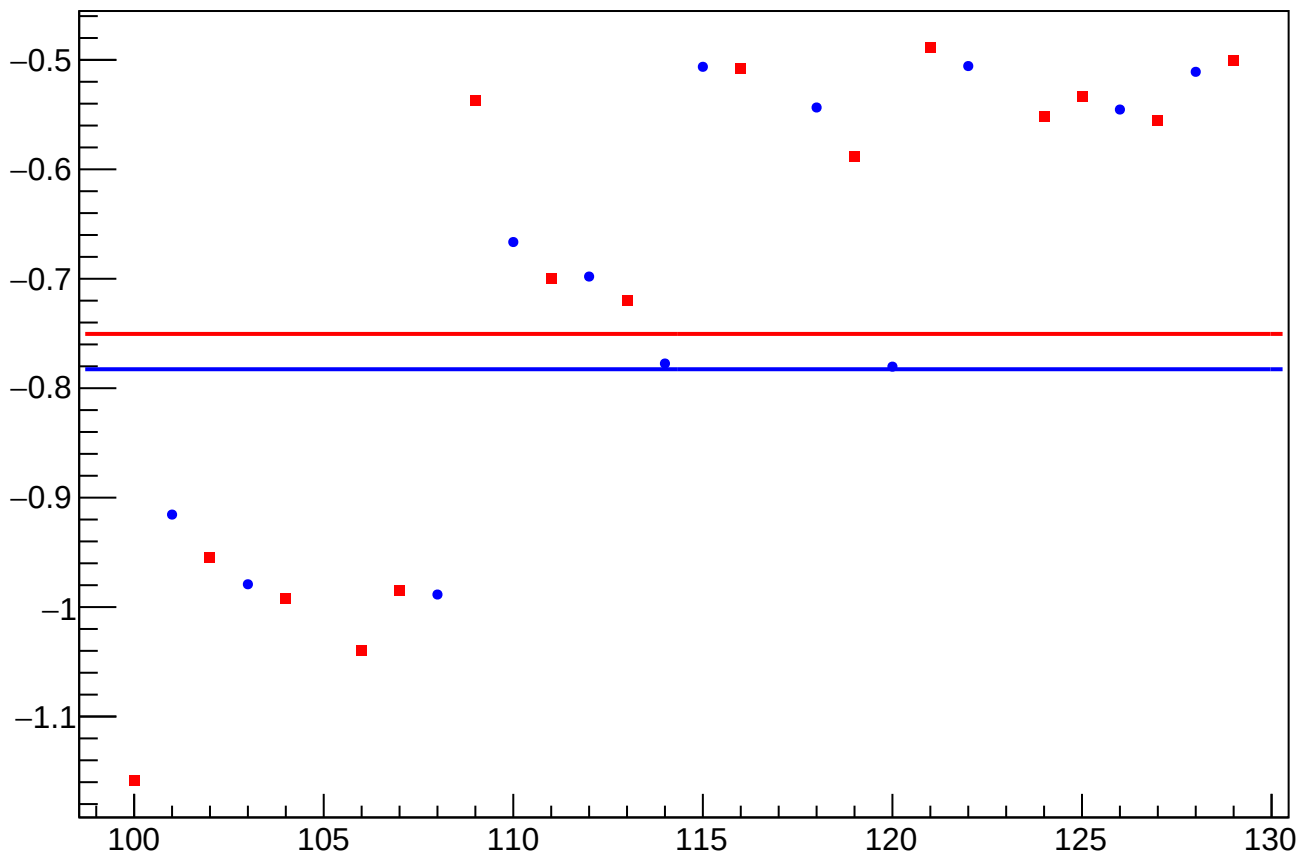
Right: 0.006+/-0.000 χ^2/NDF : 1058786.5/26

In: 0.006+/-0.000 χ^2/NDF :592398.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1058786.5/26

yield_bpm0i07X_mean vs Slug, Sign Corrected



Right In: -0.783+/-0.000 χ^2/NDF : 6014737832.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.750+/-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

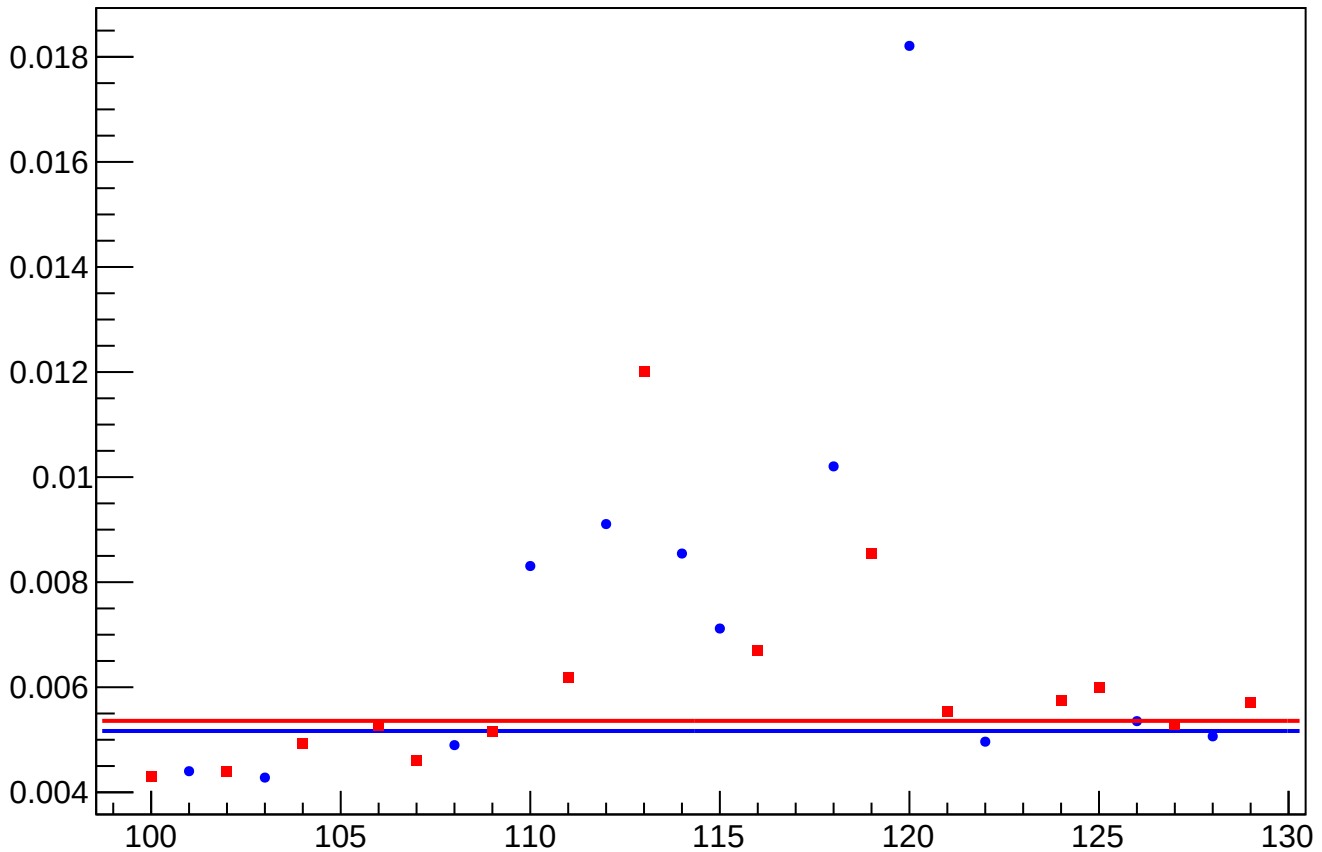
Right: -0.765+/-0.000 χ^2/NDF : 14248552953.5/26

In: -0.783+/-0.000 χ^2/NDF :6014737832.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.765+/-0.000 χ^2/NDF : 14248552953.5/26

yield_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 783585.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 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

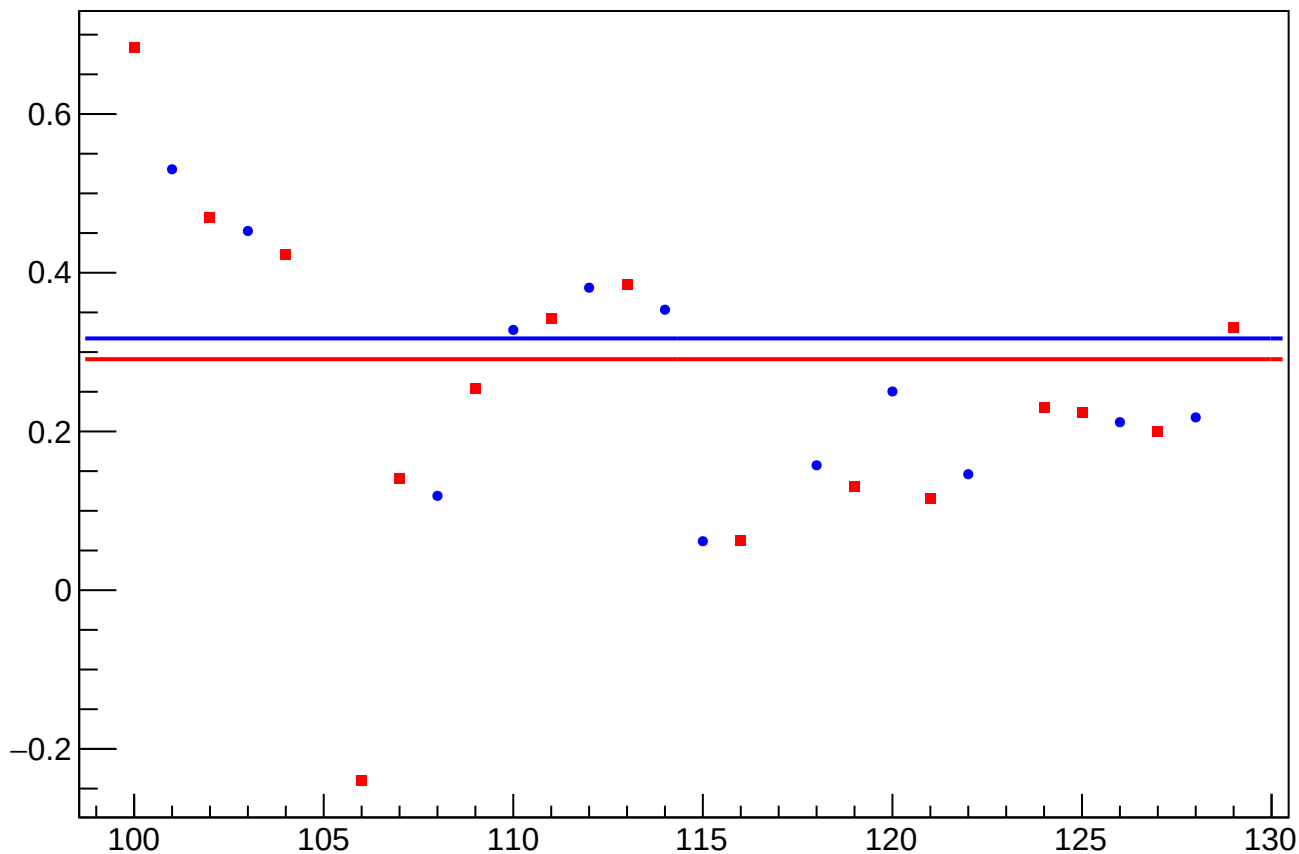
Right: 0.005+/-0.000 χ^2/NDF : 1207915.4/26

In: 0.005+/-0.000 χ^2/NDF :783585.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1207915.4/26

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.317+/-0.000 χ^2/NDF : 5759353341.2/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.291+/-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

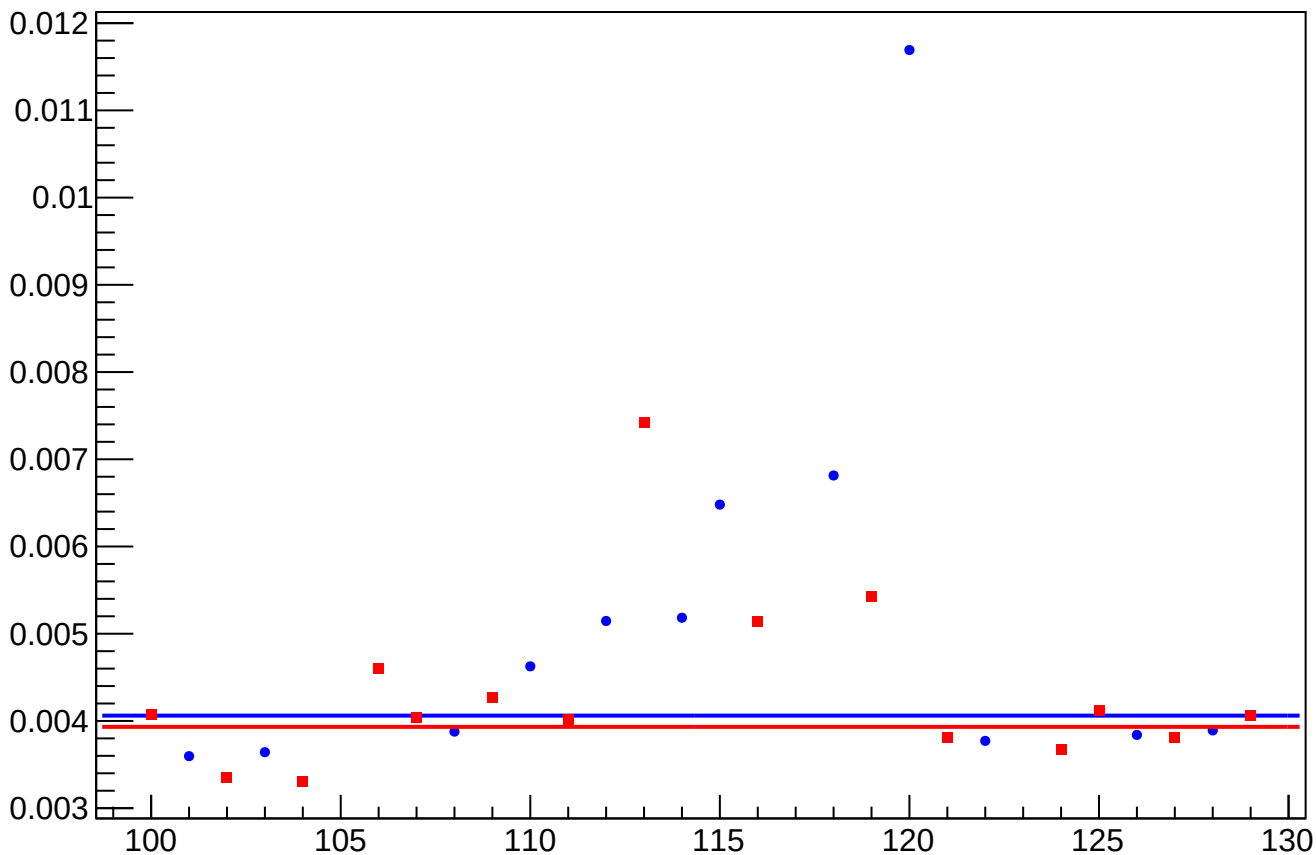
Right: 0.302+/-0.000 χ^2/NDF : 13401476932.1/26

In: 0.317+/-0.000 χ^2/NDF :5759353341.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.302+/-0.000 χ^2/NDF : 13401476932.1/26

yield_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 466784.0/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 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

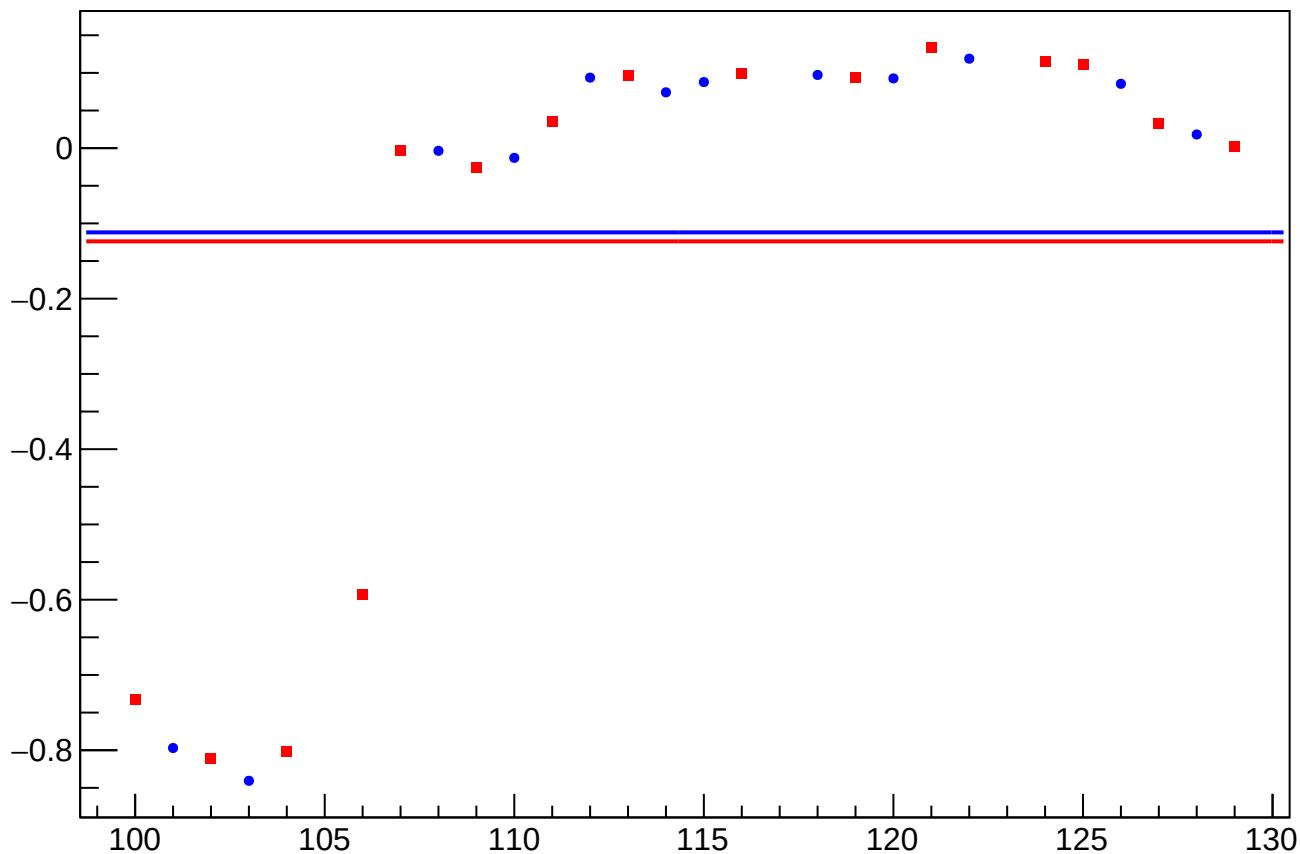
Right: 0.004+/-0.000 χ^2/NDF : 765330.1/26

In: 0.004+/-0.000 χ^2/NDF :466784.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 765330.1/26

yield_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -0.112+/-0.000 χ^2/NDF : 5417429263.8/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.124+/-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

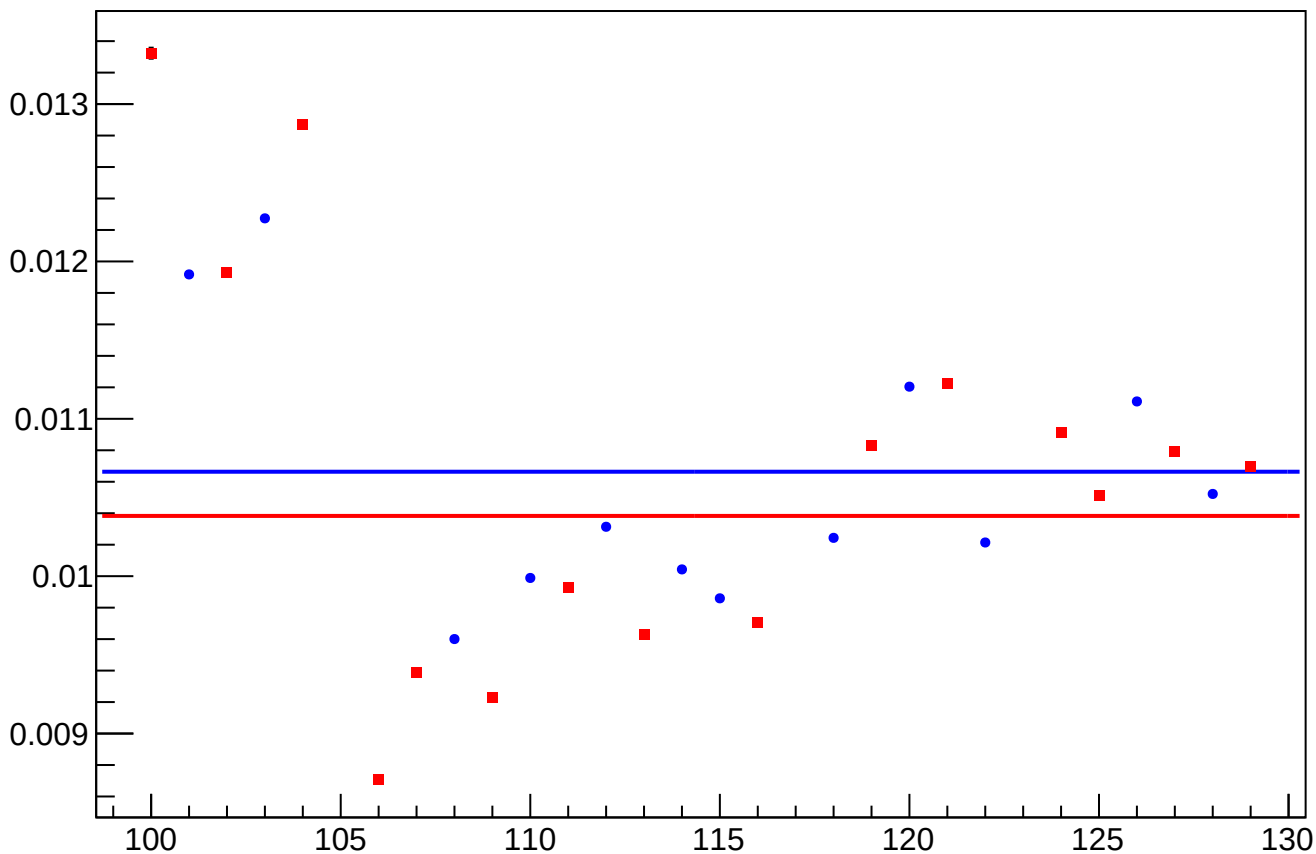
Right: -0.119+/-0.000 χ^2/NDF : 11561555981.4/26

In: -0.112+/-0.000 χ^2/NDF :5417429263.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.119+/-0.000 χ^2/NDF : 11561555981.4/26

yield_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 58650.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 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

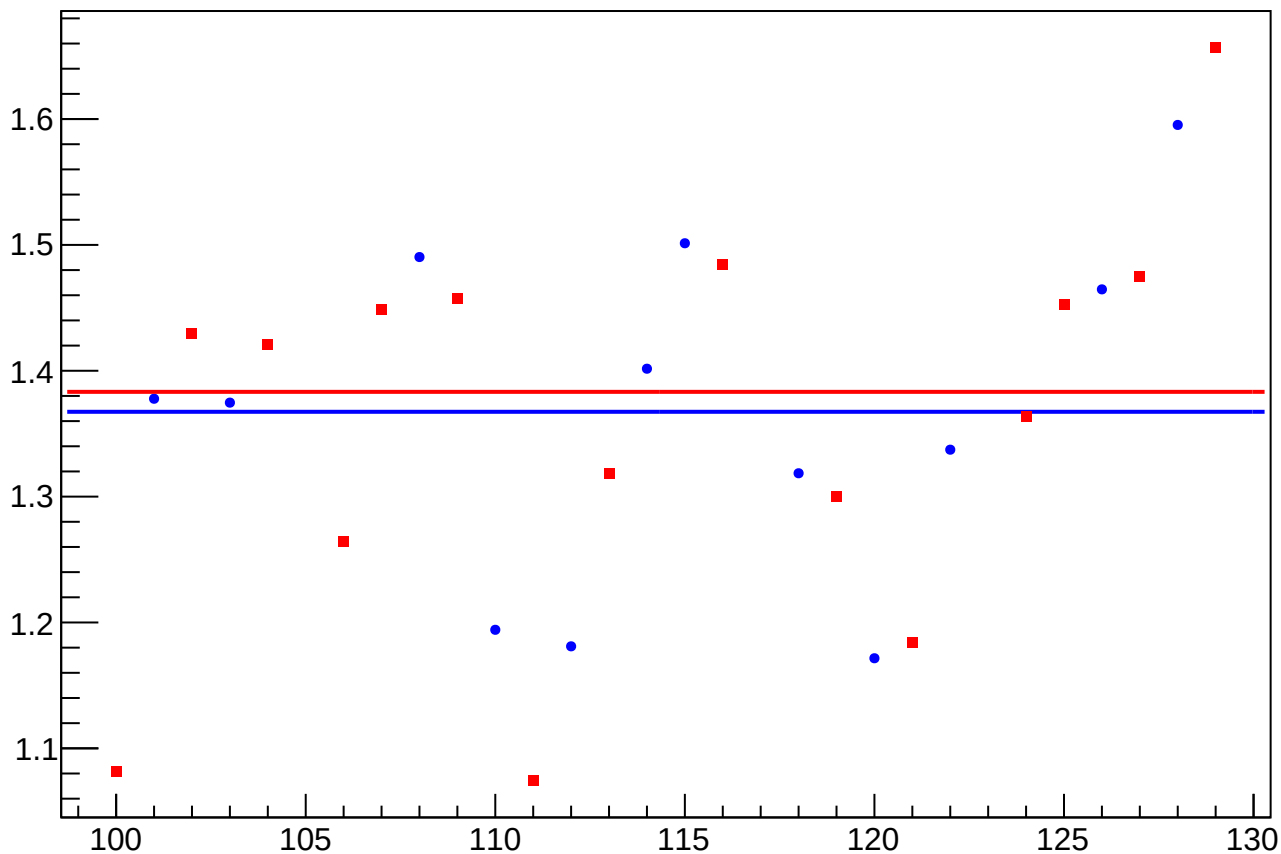
Right: 0.011+/-0.000 χ^2/NDF : 195937.5/26

In: 0.011+/-0.000 χ^2/NDF : 58650.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 195937.5/26

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.367 ± 0.000 χ^2/NDF : 1361666756.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.383 ± 0.000 χ^2/NDF : 2047316935.8/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

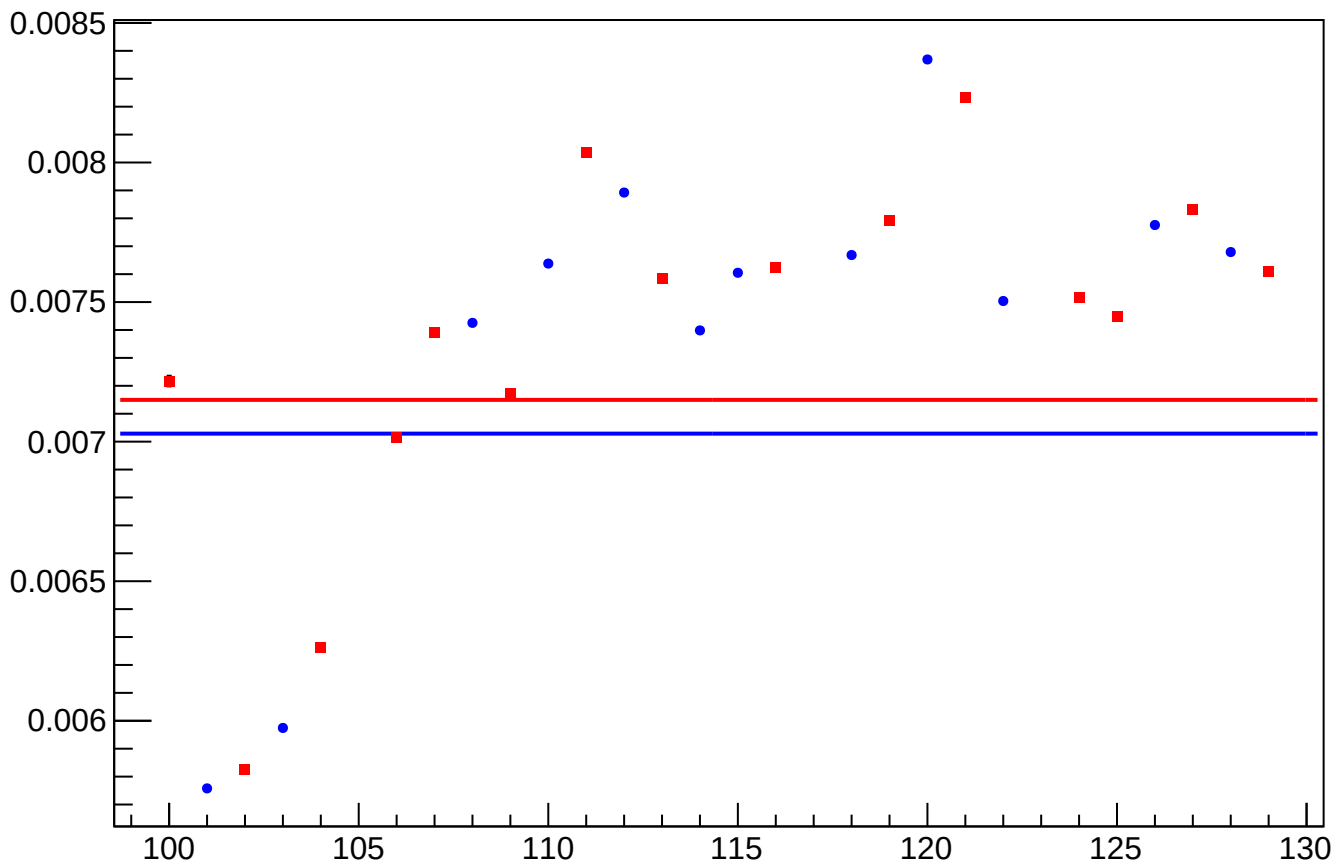
Right: 1.376 ± 0.000 χ^2/NDF : 3422311029.8/26

In: 1.367 ± 0.000 χ^2/NDF : 1361666756.8/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.376 ± 0.000 χ^2/NDF : 3422311029.8/26

yield_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 164712.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 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

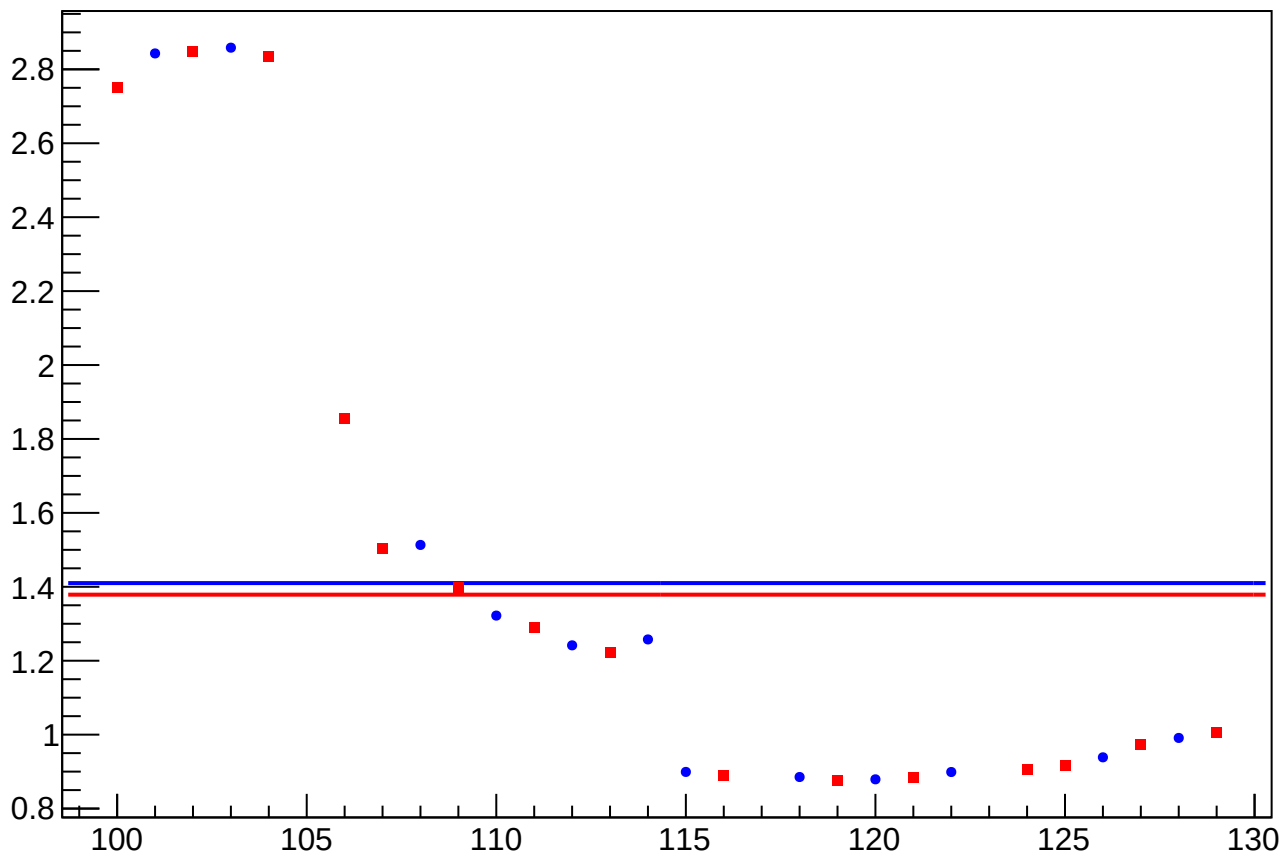
Right: 0.007+/-0.000 χ^2/NDF : 305019.6/26

In: 0.007+/-0.000 χ^2/NDF :164712.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 305019.6/26

yield_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 1.410+/-0.000 χ^2/NDF : 53231327469.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.379+/-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

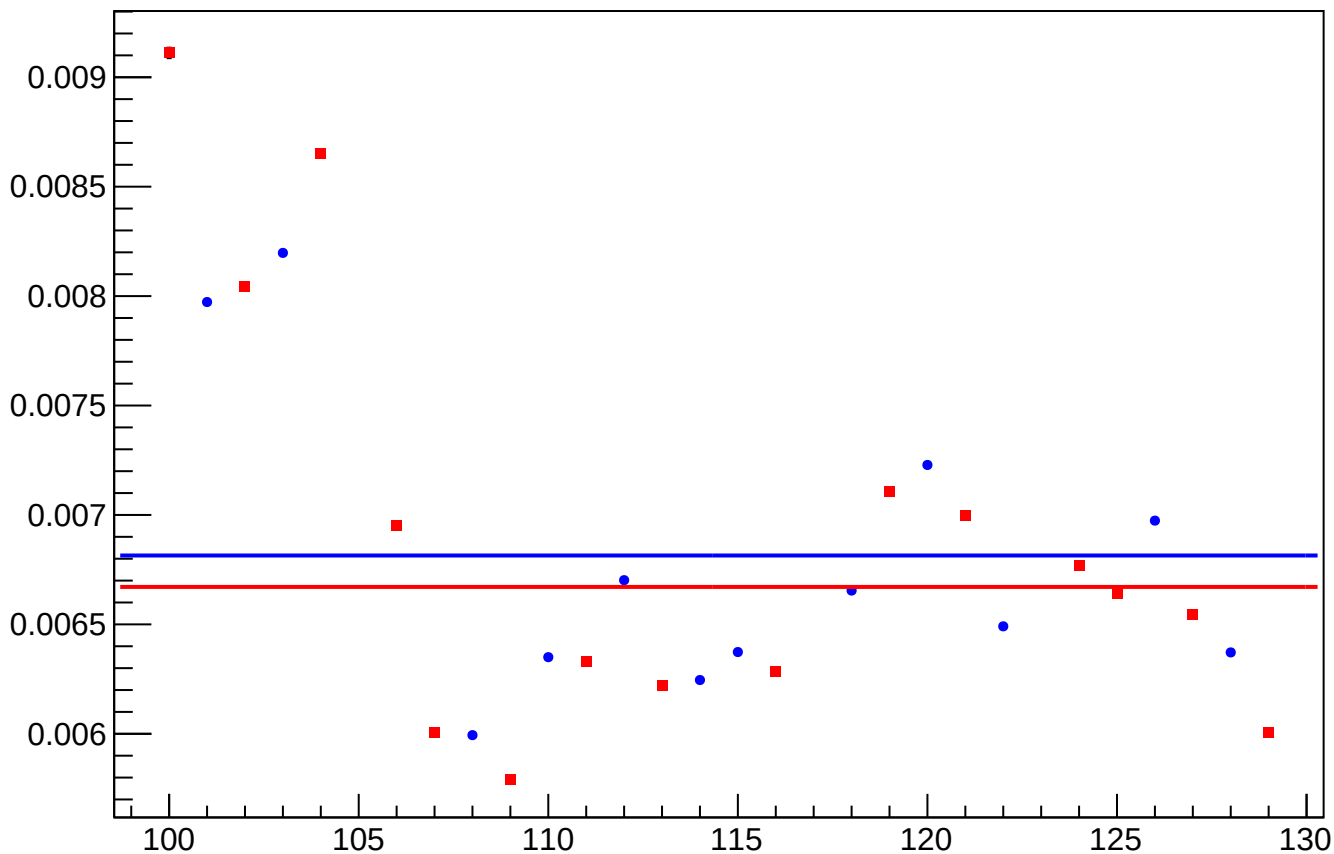
Right: 1.393+/-0.000 χ^2/NDF : 105644222442.7/26

In: 1.410+/-0.000 χ^2/NDF : 53231327469.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.393+/-0.000 χ^2/NDF : 105644222442.7

yield_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 94459.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 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

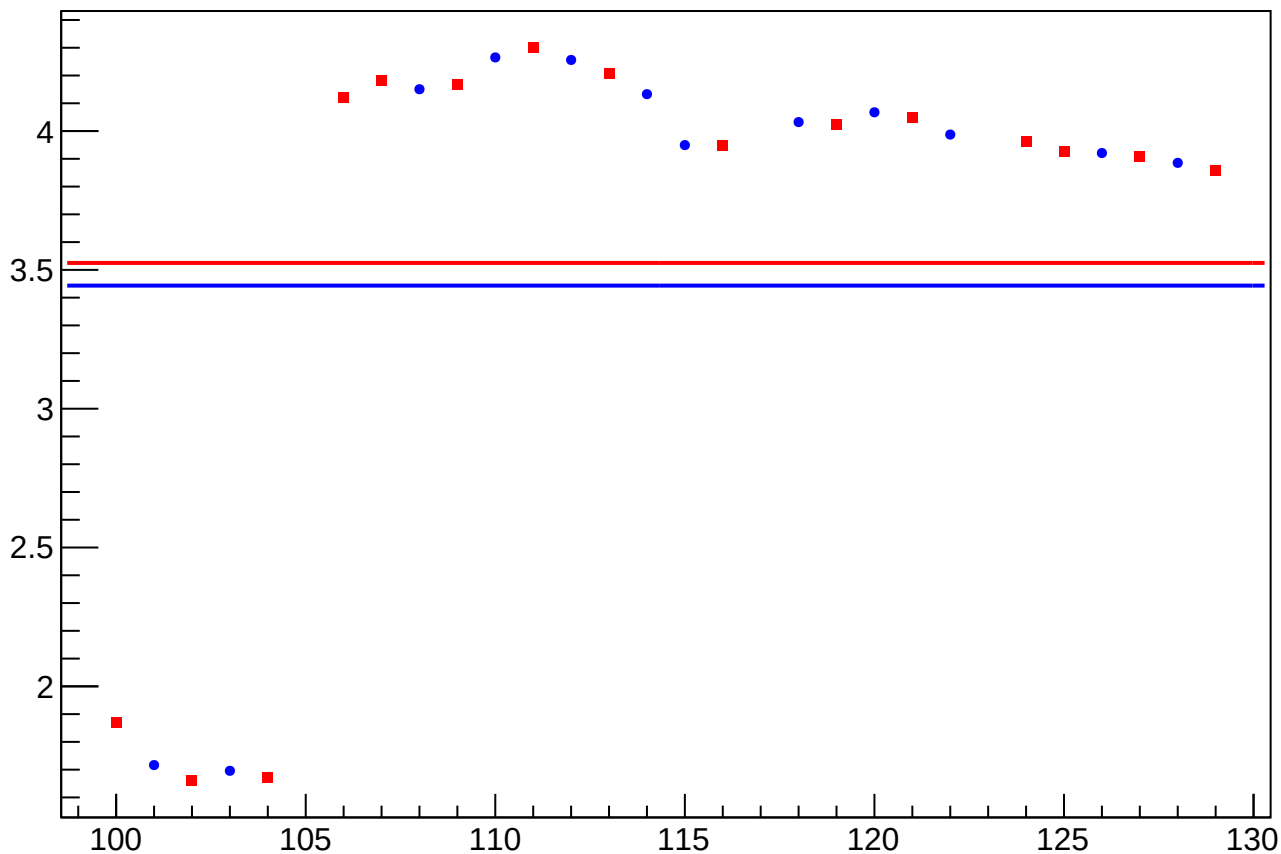
Right: 0.007+/-0.000 χ^2/NDF : 257537.0/26

In: 0.007+/-0.000 χ^2/NDF : 94459.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 257537.0/26

yield_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 3.443+/-0.000 χ^2/NDF : 187617013684.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.525+/-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

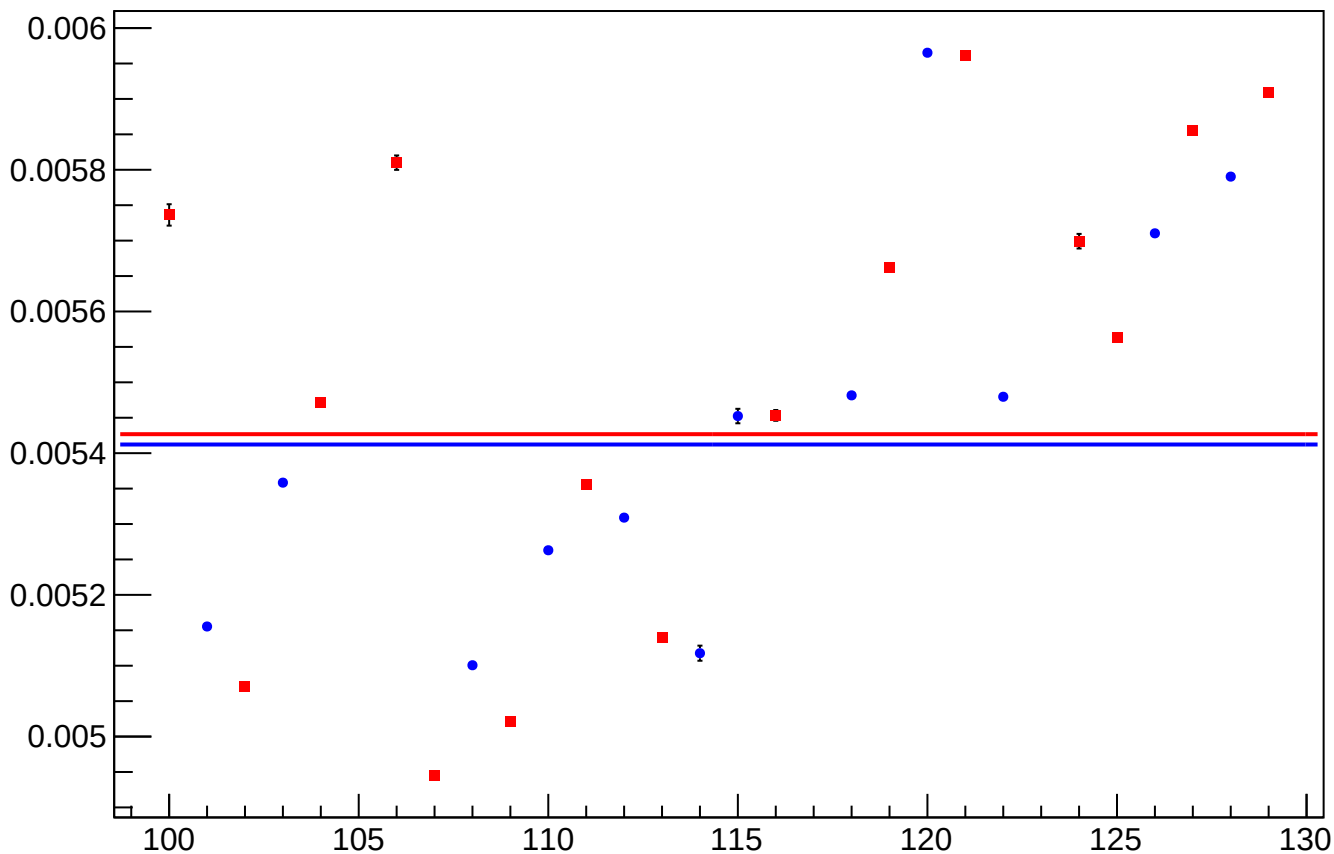
Right: 3.487+/-0.000 χ^2/NDF : 389073433707.6/26

In: 3.443+/-0.000 χ^2/NDF : 187617013684.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.487+/-0.000 χ^2/NDF : 389073433707.6

yield_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 20924.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 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

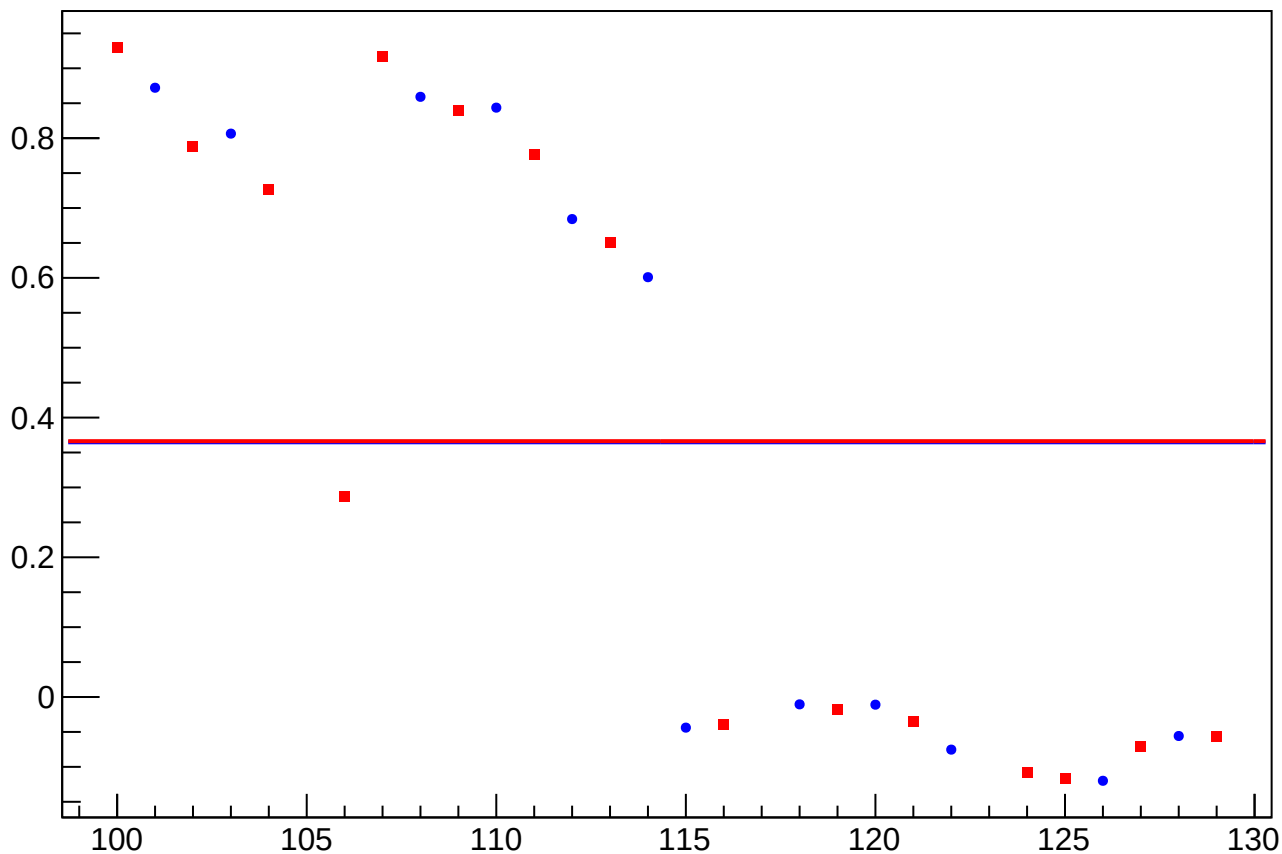
Right: 0.005+/-0.000 χ^2/NDF : 64778.9/26

In: 0.005+/-0.000 χ^2/NDF : 20924.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 64778.9/26

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.365+/-0.000 χ^2/NDF : 4678167722.8/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.366+/-0.000 χ^2/NDF : 5009308779.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

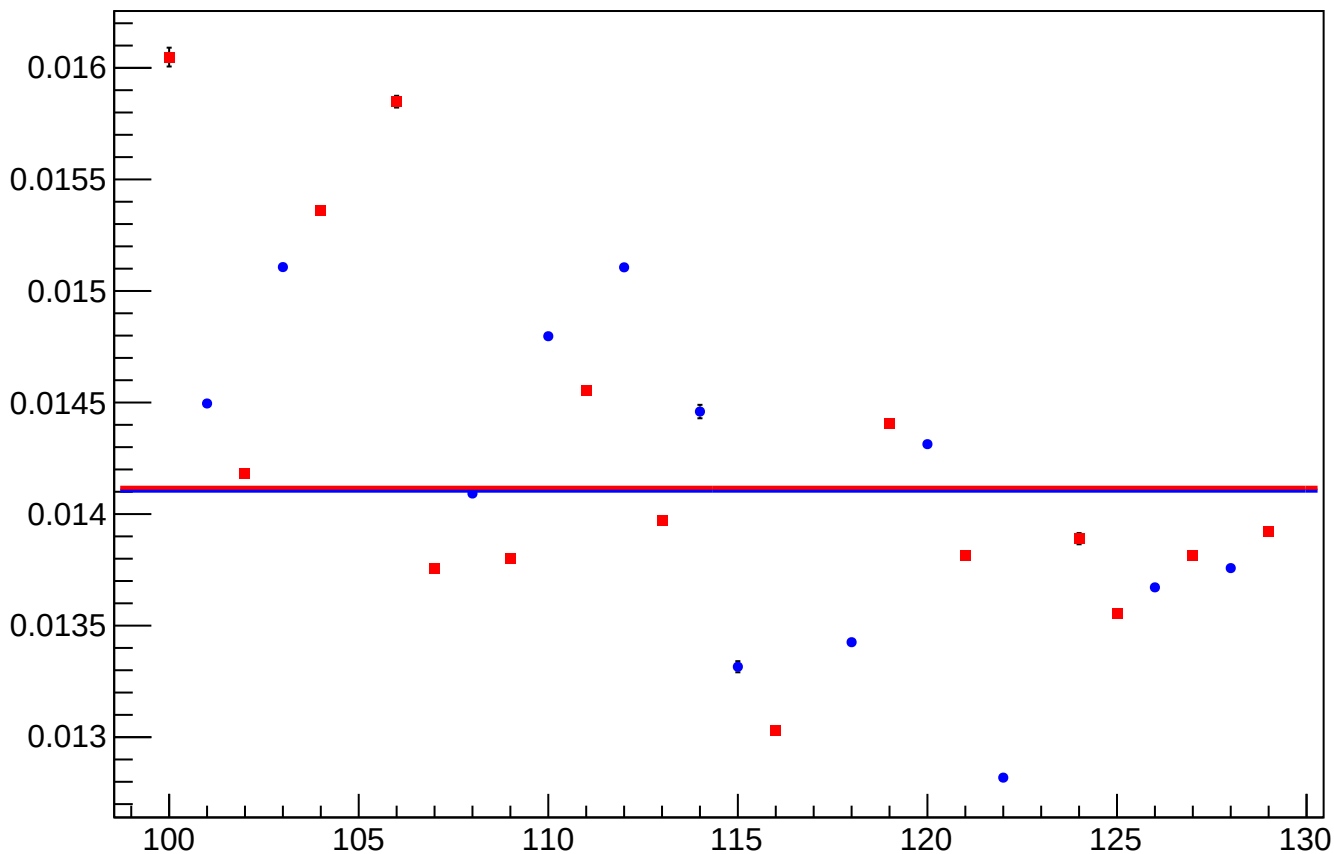
Right: 0.365+/-0.000 χ^2/NDF : 9687511502.1/26

In: 0.365+/-0.000 χ^2/NDF :4678167722.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.365+/-0.000 χ^2/NDF : 9687511502.1/26

yield_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 25804.3/11

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

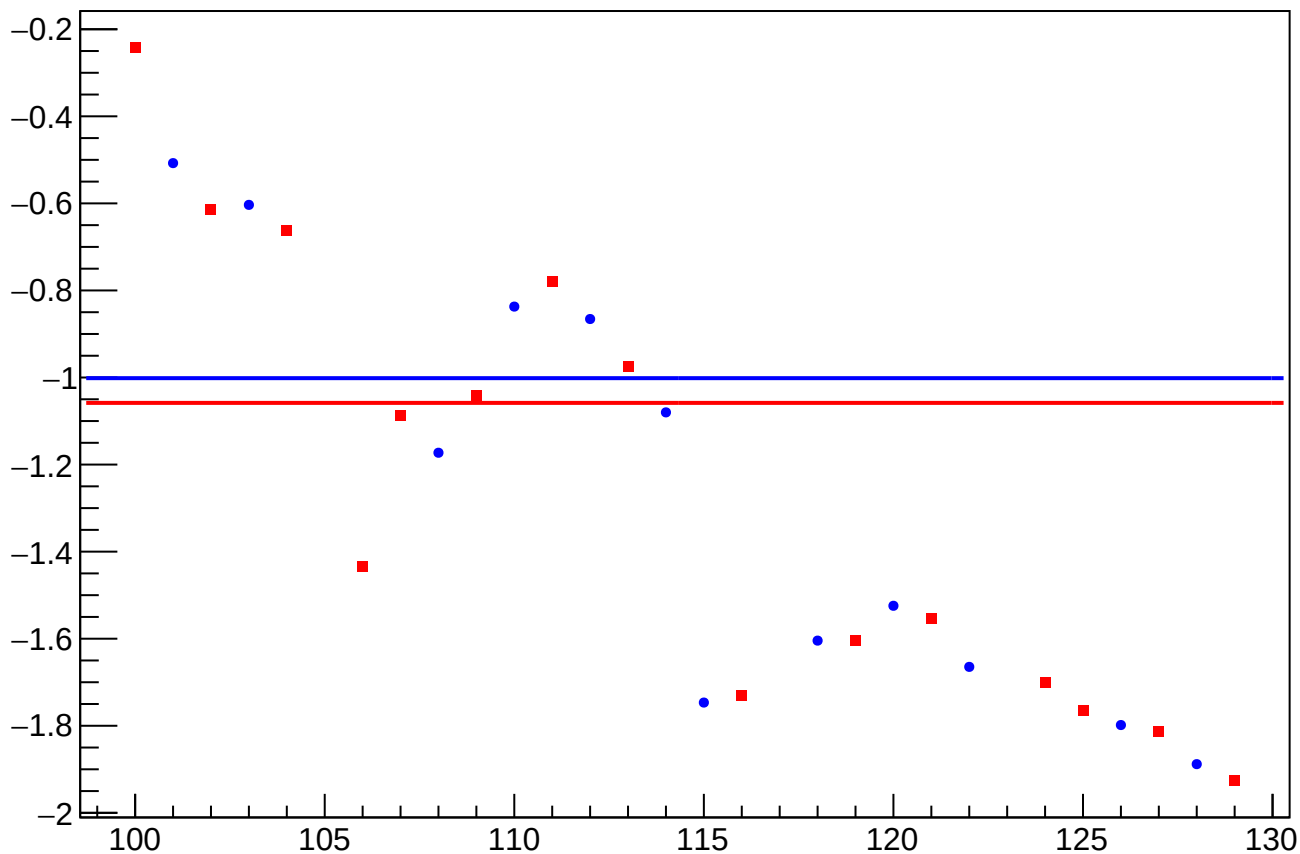
Right: 0.014+/-0.000 χ^2/NDF : 47152.6/26

In: 0.014+/-0.000 χ^2/NDF : 25804.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 47152.6/26

yield_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: -1.001+/-0.000 χ^2/NDF : 43061940194.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.058+/-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

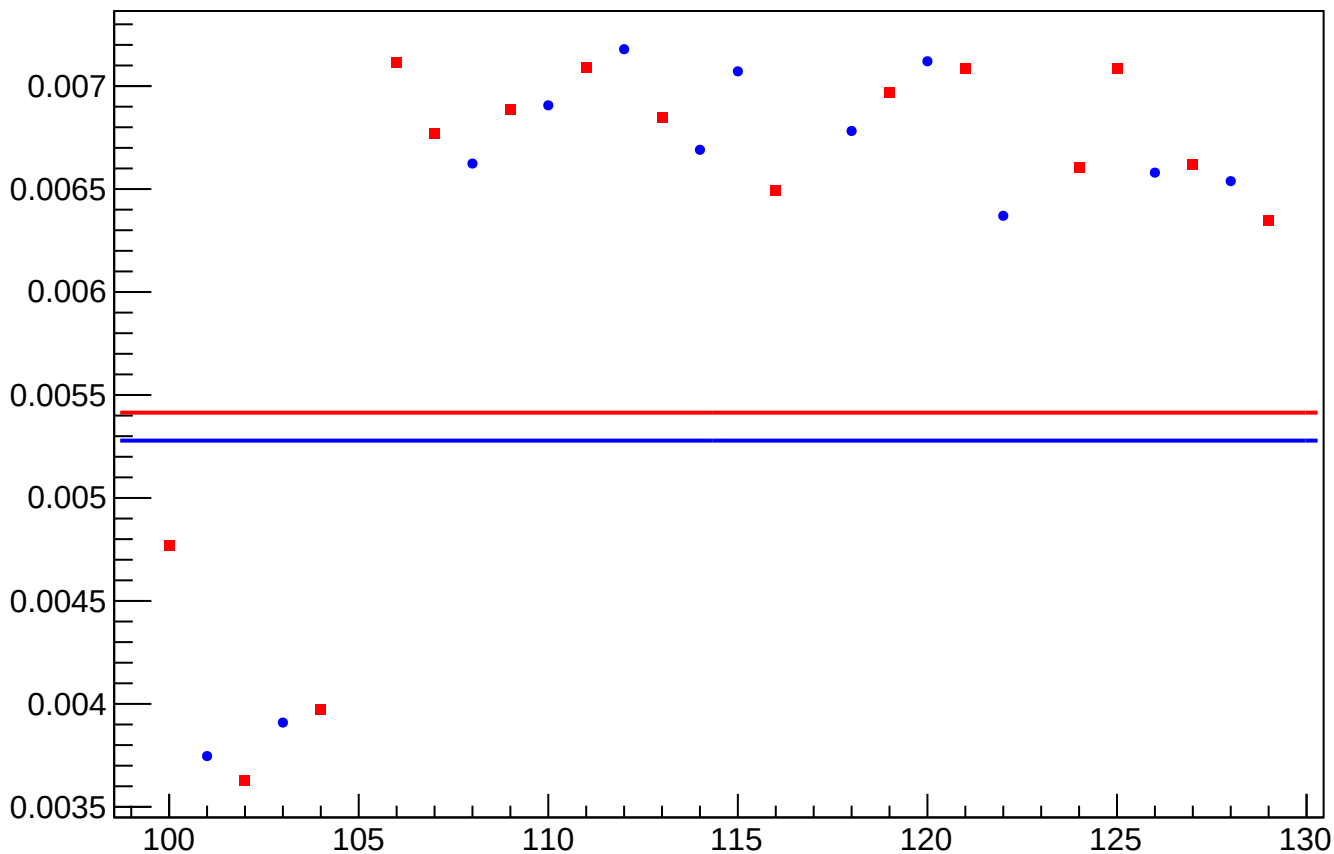
Right: -1.031+/-0.000 χ^2/NDF : 86428782607.4/26

In: -1.001+/-0.000 χ^2/NDF :43061940194.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.031+/-0.000 χ^2/NDF : 86428782607.4/26

yield_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 680324.3/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 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

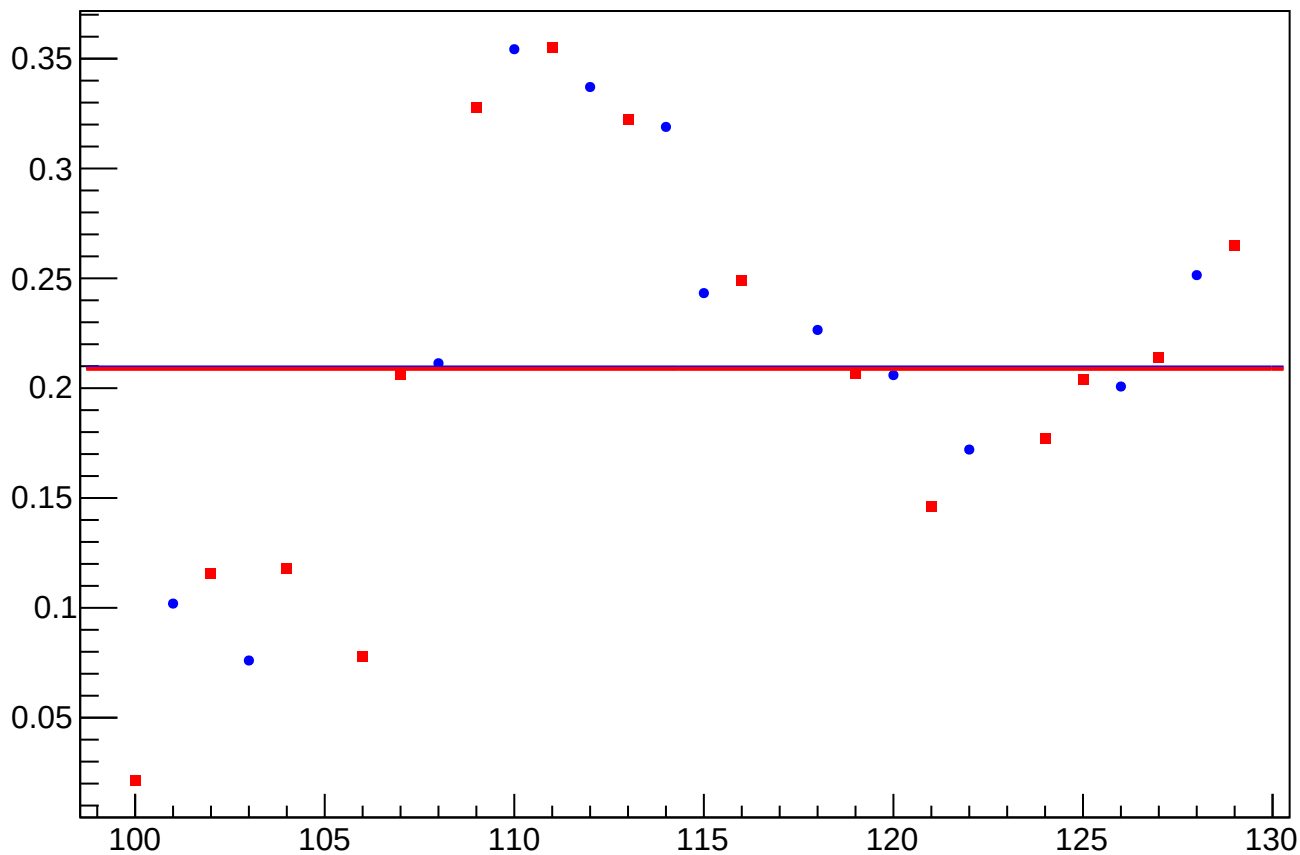
Right: 0.005+/-0.000 χ^2/NDF : 1483628.6/26

In: 0.005+/-0.000 χ^2/NDF :680324.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1483628.6/26

yield_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 0.209+/-0.000

χ^2/NDF : 14929183149.3/11

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.209+/-0.000 χ^2/NDF : 35724423112.2/26

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.209+/-0.000 χ^2/NDF : 14929183149.3/11

Right Out: 0.209+/-0.000

χ^2/NDF : 20794733606.8/14

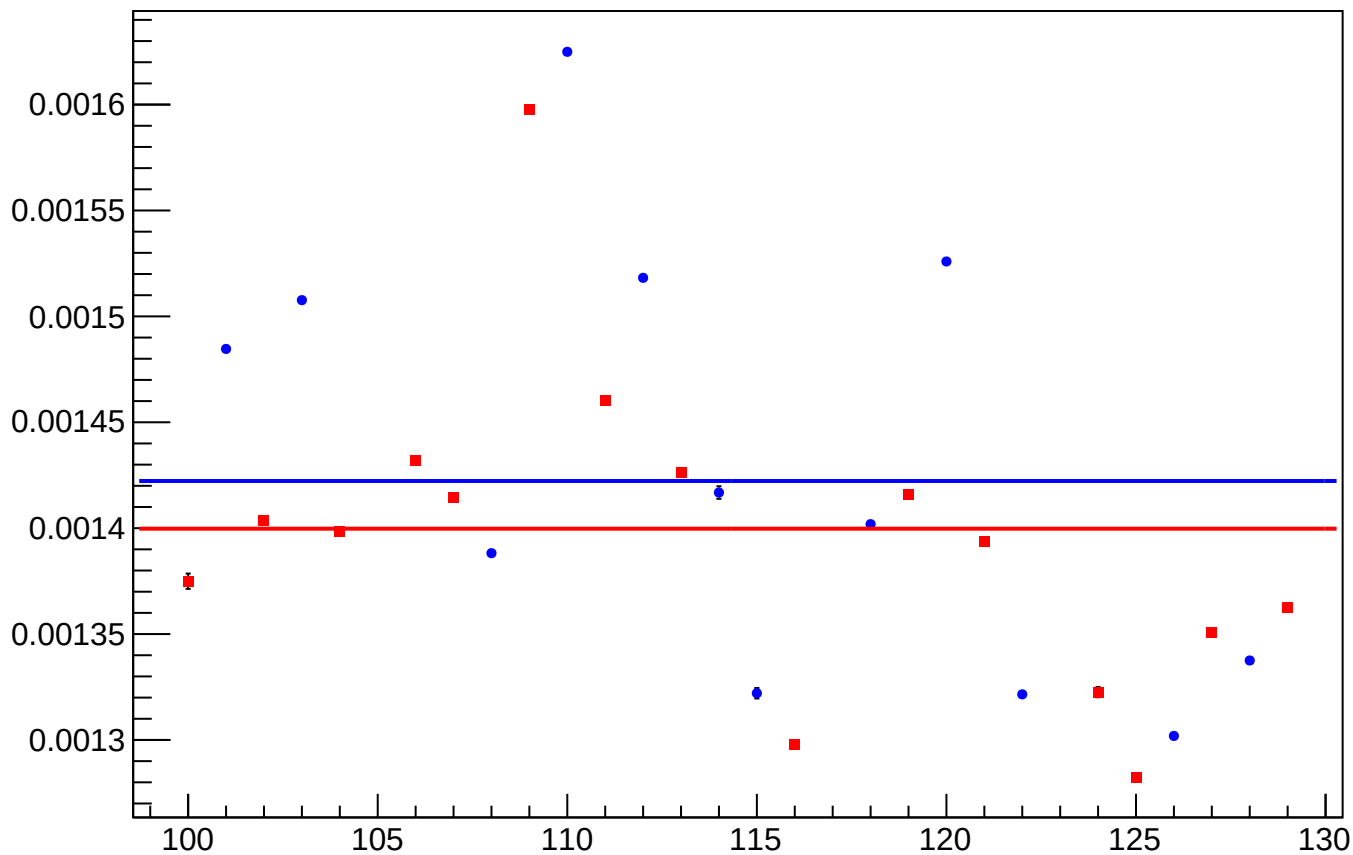
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.209+/-0.000 χ^2/NDF : 35724423112.2/26

yield_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 41103.1/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 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

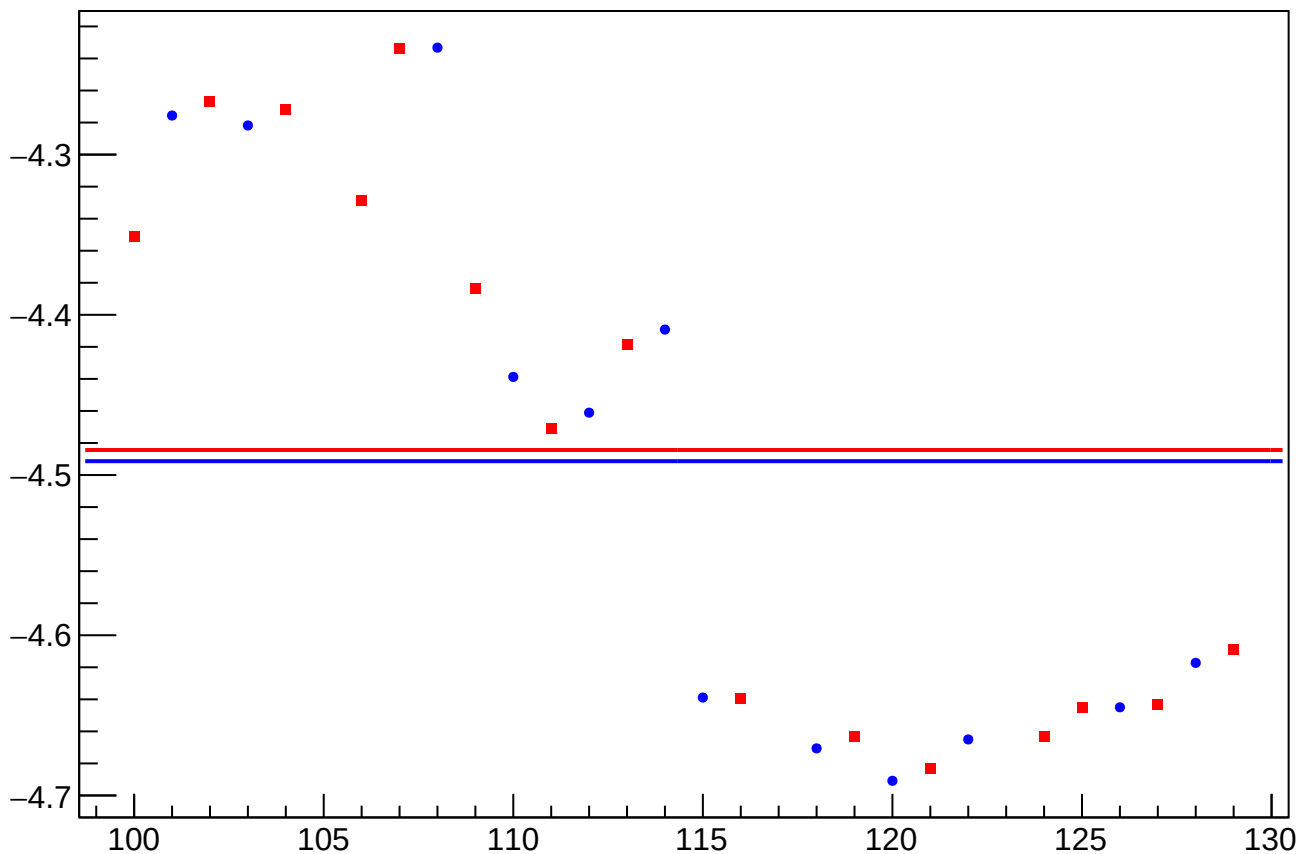
Right: 0.001+/-0.000 χ^2/NDF : 72374.5/26

In: 0.001+/-0.000 χ^2/NDF :41103.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 72374.5/26

yield_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -4.491+/-0.000 χ^2/NDF : 53532249532.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.484+/-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

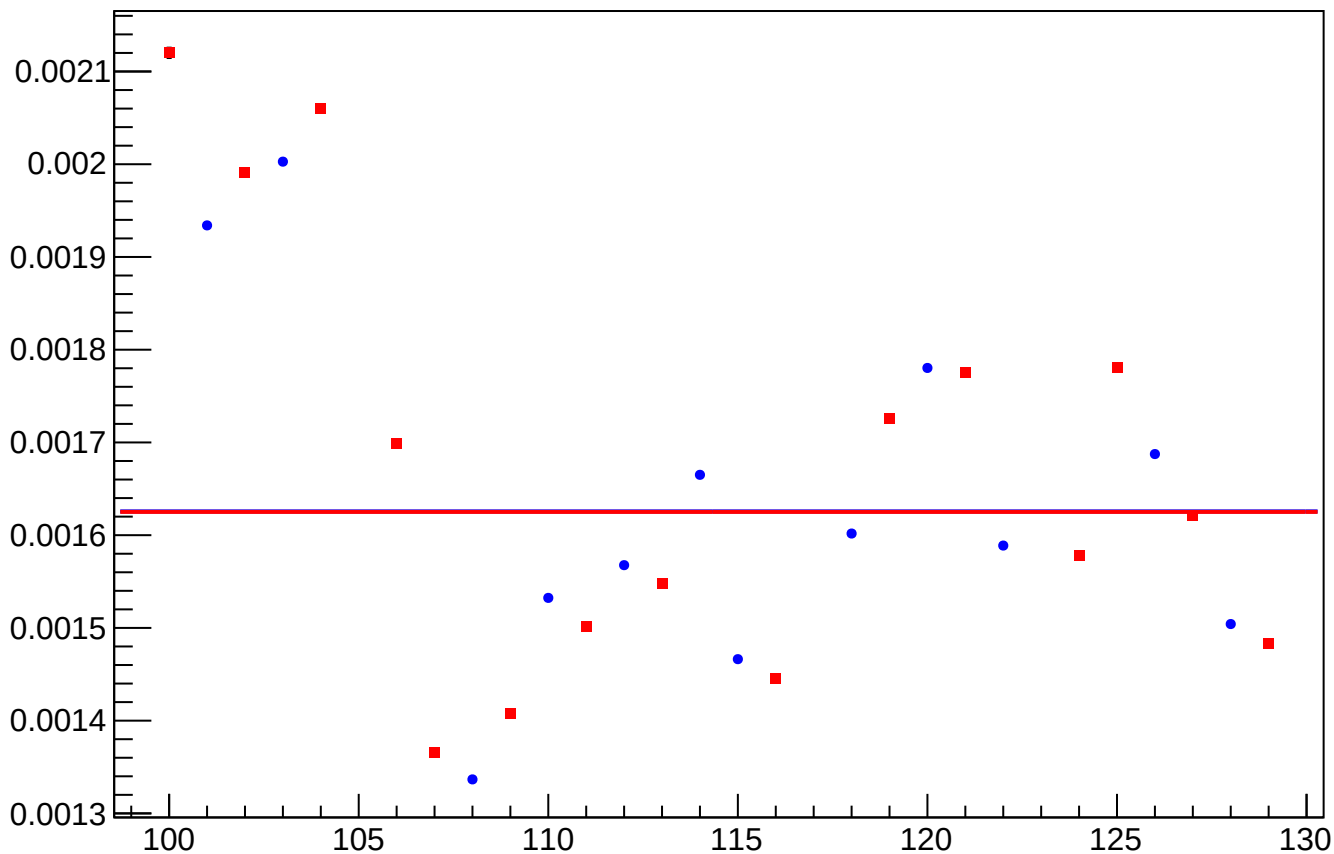
Right: -4.488+/-0.000 χ^2/NDF : 106542654653.2/26

In: -4.491+/-0.000 χ^2/NDF :53532249532.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.488+/-0.000 χ^2/NDF : 106542654653.2

yield_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 132801.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 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

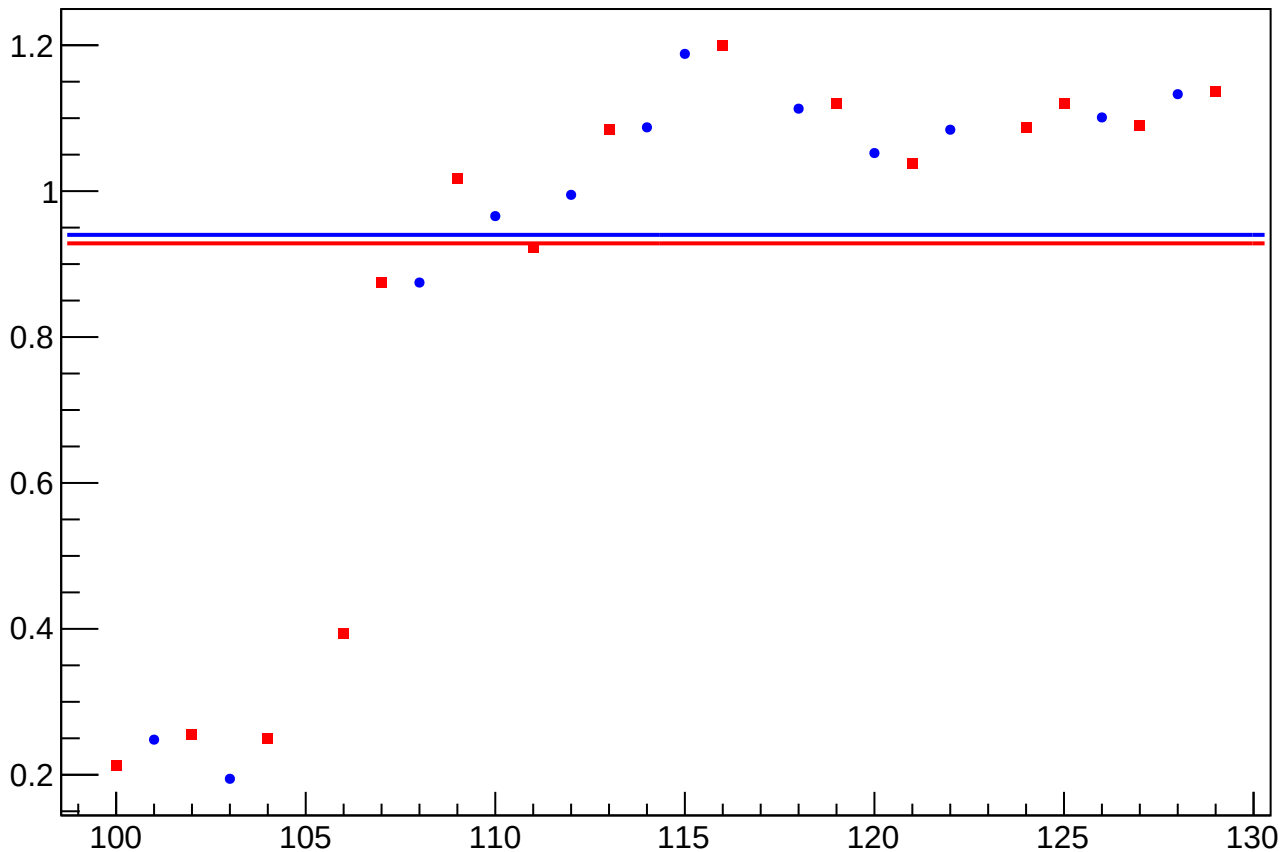
Right: 0.002+/-0.000 χ^2/NDF : 311970.8/26

In: 0.002+/-0.000 χ^2/NDF : 132801.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 311970.8/26

yield_bpm2i02X_mean vs Slug, Sign Corrected



Right In: 0.940+/-0.000 χ^2/NDF : 10561707818.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.928+/-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

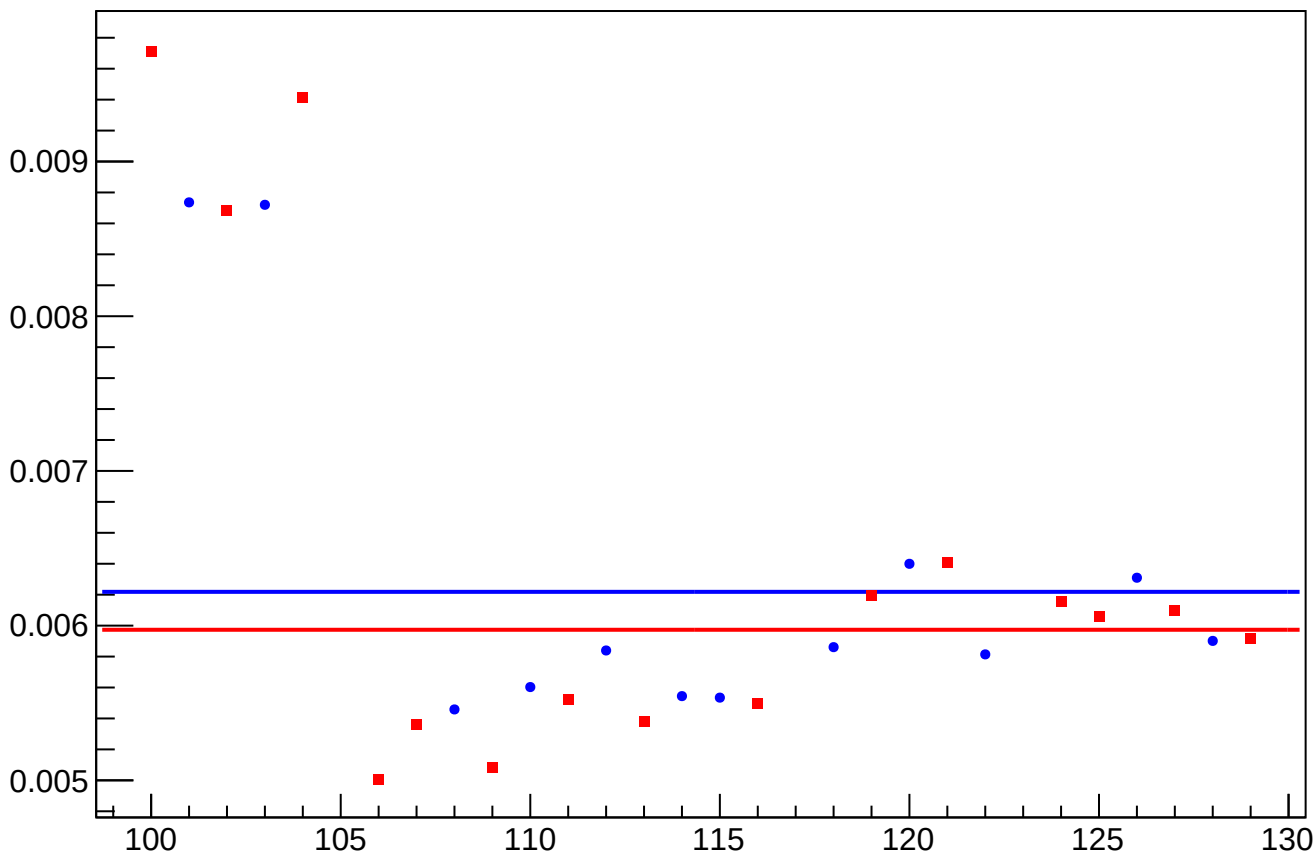
Right: 0.934+/-0.000 χ^2/NDF : 24455880200.8/26

In: 0.940+/-0.000 χ^2/NDF : 10561707818.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.934+/-0.000 χ^2/NDF : 24455880200.8/26

yield_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 254489.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 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

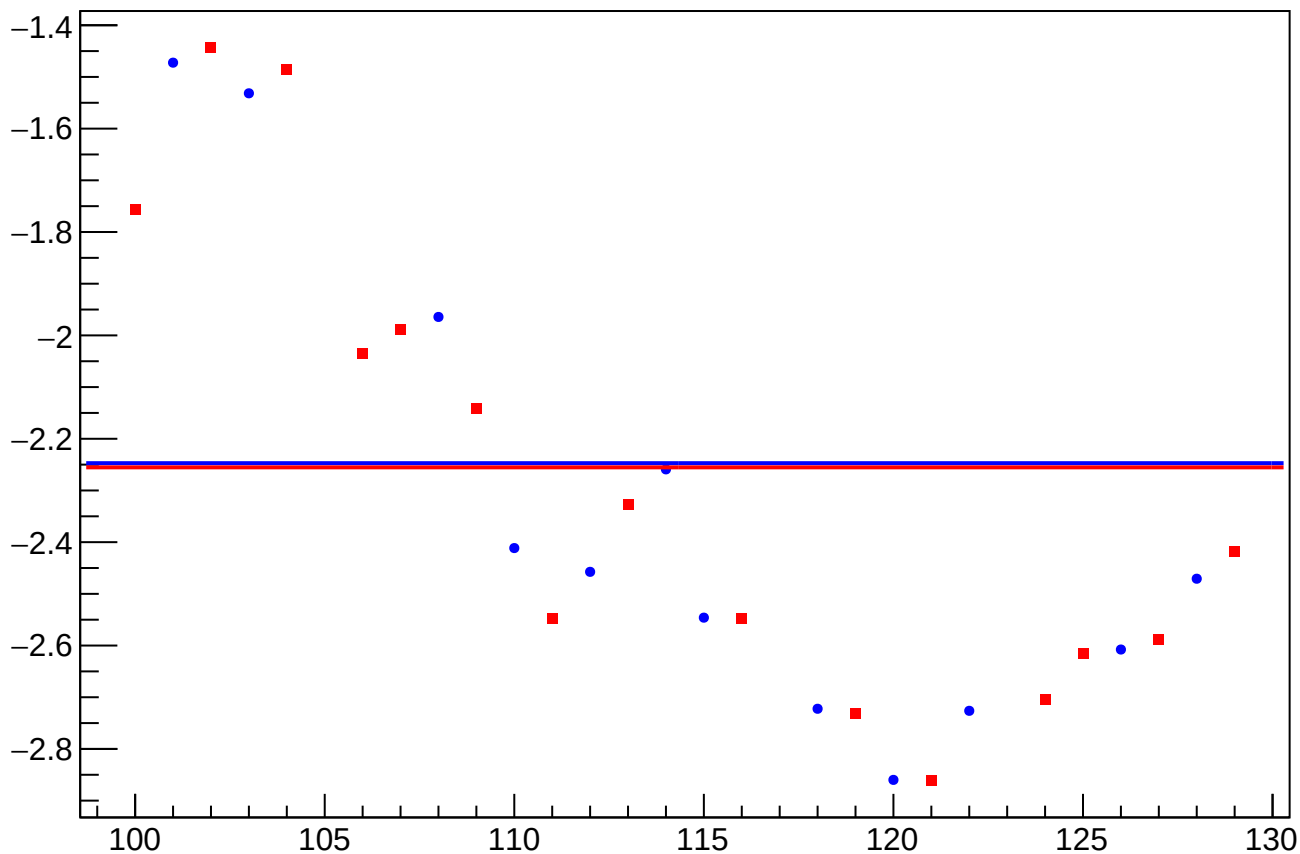
Right: 0.006+/-0.000 χ^2/NDF : 640748.3/26

In: 0.006+/-0.000 χ^2/NDF :254489.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 640748.3/26

yield_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -2.247+/-0.000 χ^2/NDF : 36820239410.8/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.255+/-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

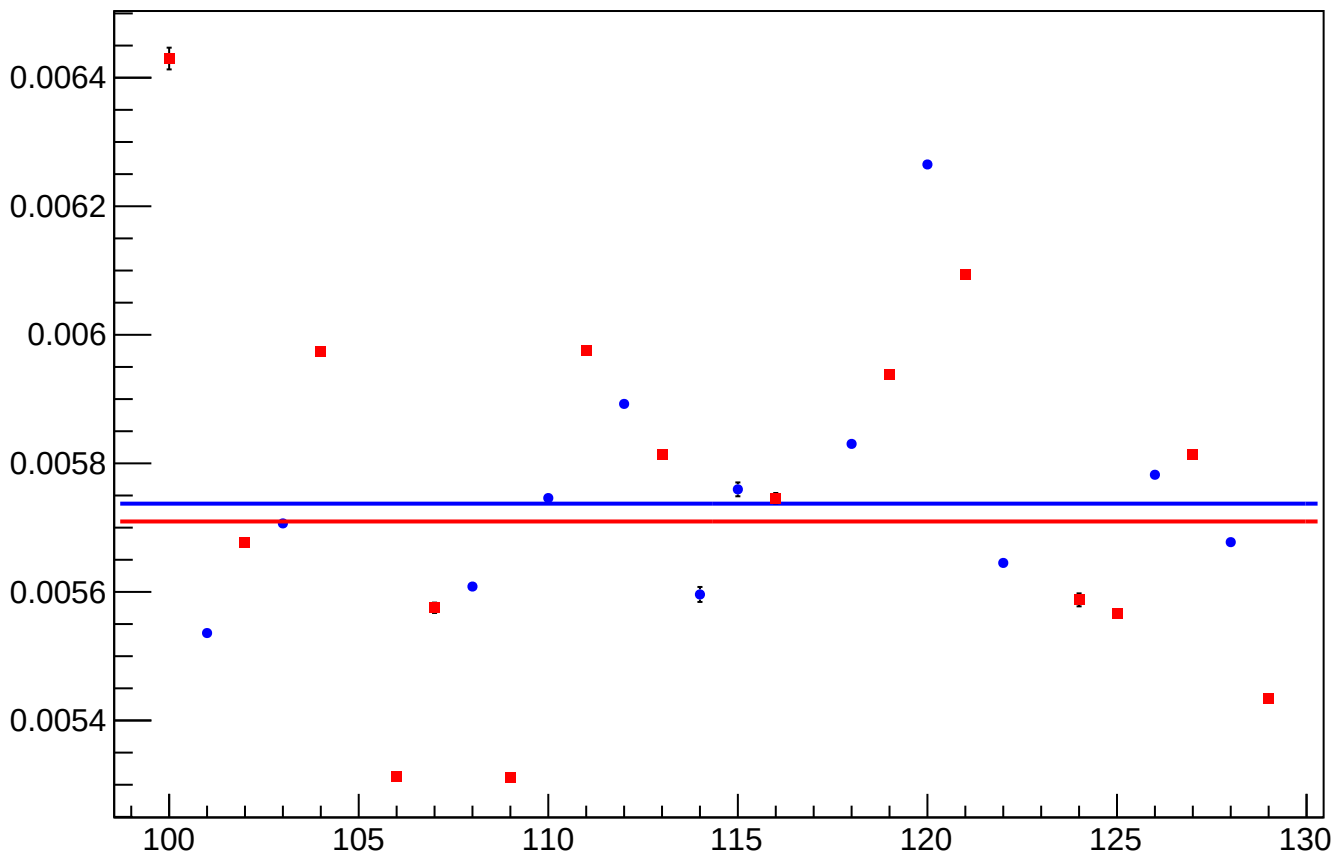
Right: -2.252+/-0.000 χ^2/NDF : 74690515396.3/26

In: -2.247+/-0.000 χ^2/NDF :36820239410.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.252+/-0.000 χ^2/NDF : 74690515396.3/26

yield_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 8628.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 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

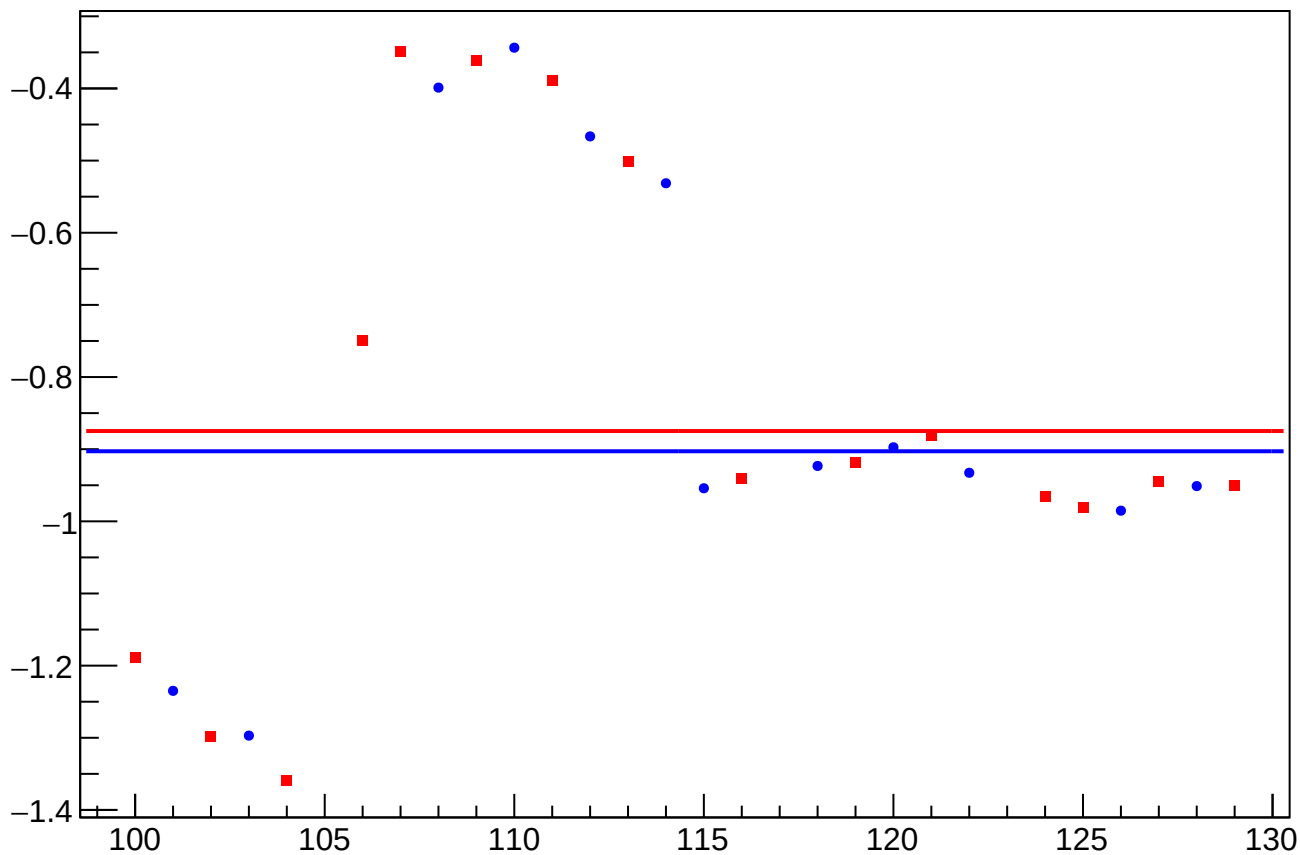
Right: 0.006+/-0.000 χ^2/NDF : 32932.5/26

In: 0.006+/-0.000 χ^2/NDF :8628.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 32932.5/26

yield_bpm0i01X_mean vs Slug, Sign Corrected



Right In: -0.903 ± 0.000 $\chi^2/\text{NDF}: 4149217750.6/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.875 ± 0.000 $\chi^2/\text{NDF}: 5761366451.2/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

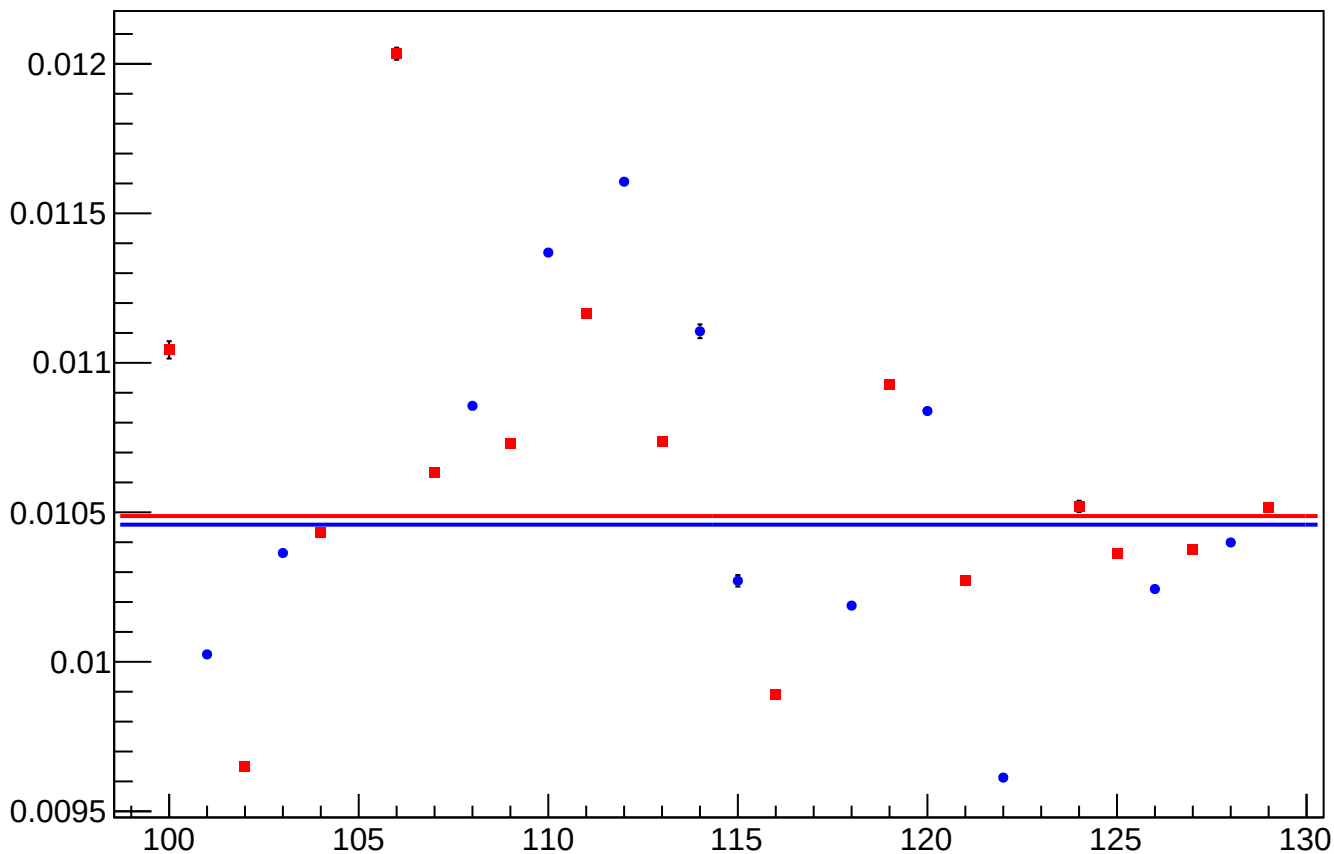
Right: -0.888 ± 0.000 $\chi^2/\text{NDF}: 9929502839.7/26$

In: -0.903 ± 0.000 $\chi^2/\text{NDF}: 4149217750.6/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.888 ± 0.000 $\chi^2/\text{NDF}: 9929502839.7/26$

yield_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 26898.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 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

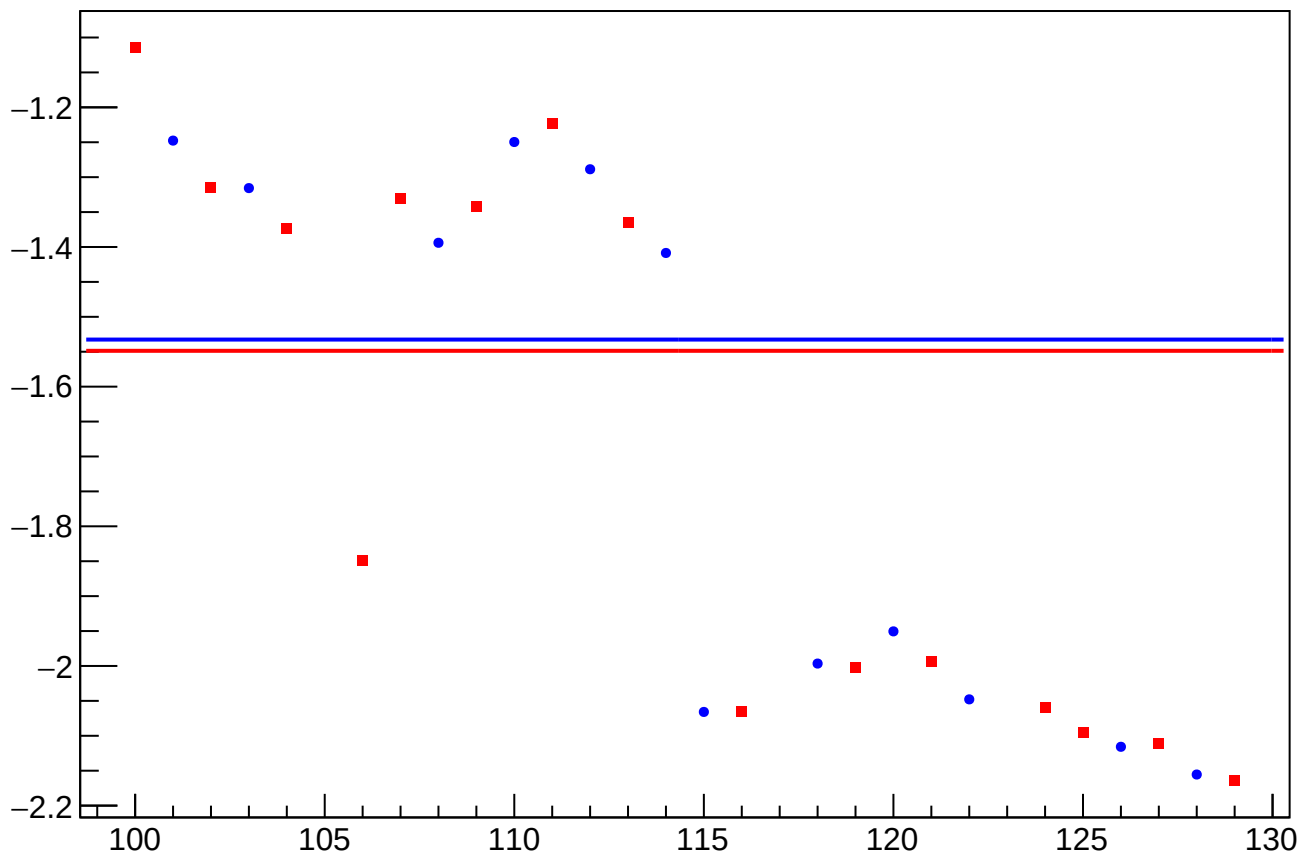
Right: 0.010+/-0.000 χ^2/NDF : 51711.4/26

In: 0.010+/-0.000 χ^2/NDF : 26898.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 51711.4/26

yield_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: -1.533+/-0.000 χ^2/NDF : 98958547174.0/11

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

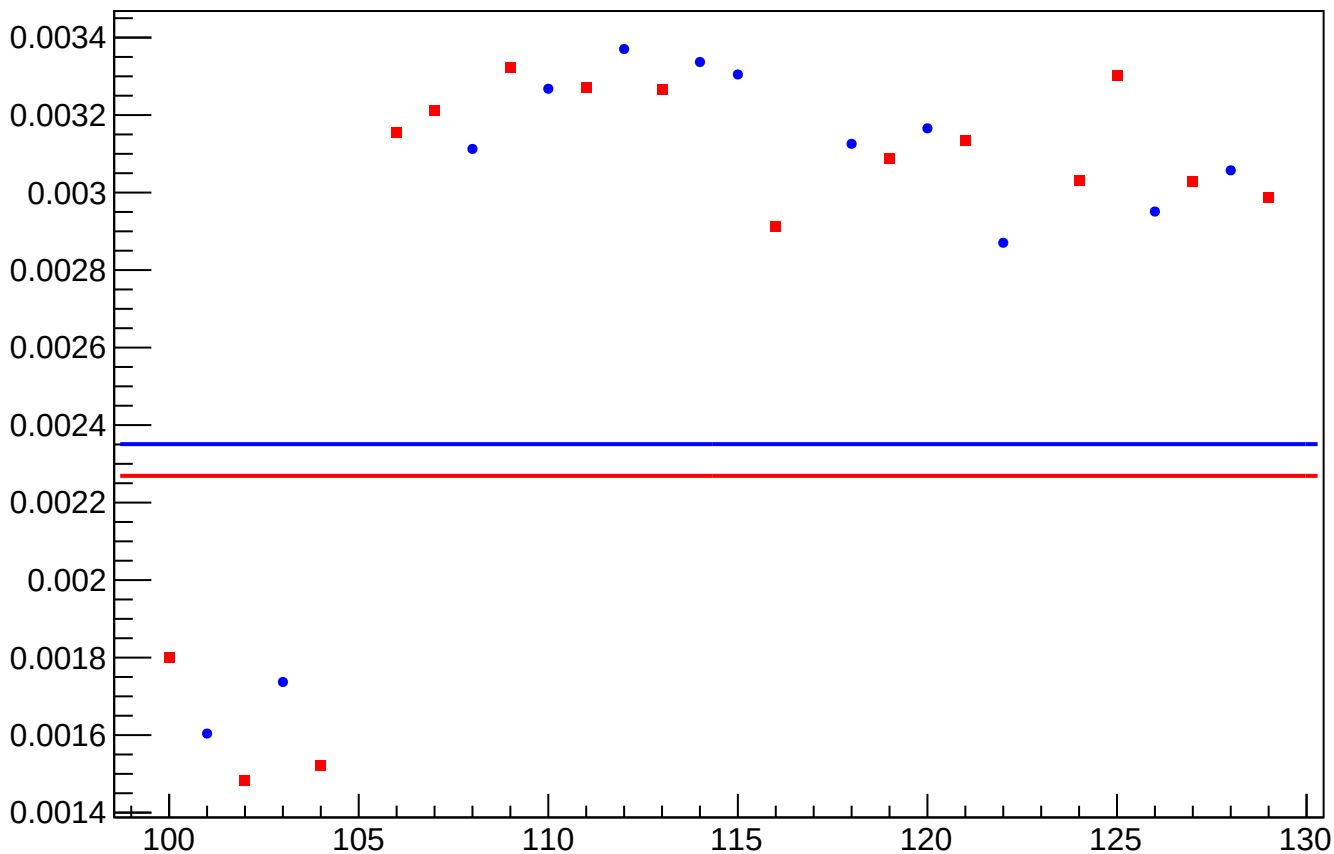
Right: -1.541+/-0.000 χ^2/NDF : 204168118941.4/26

In: -1.533+/-0.000 χ^2/NDF :98958547174.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.541+/-0.000 χ^2/NDF : 204168118941.4

yield_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 807549.0/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 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

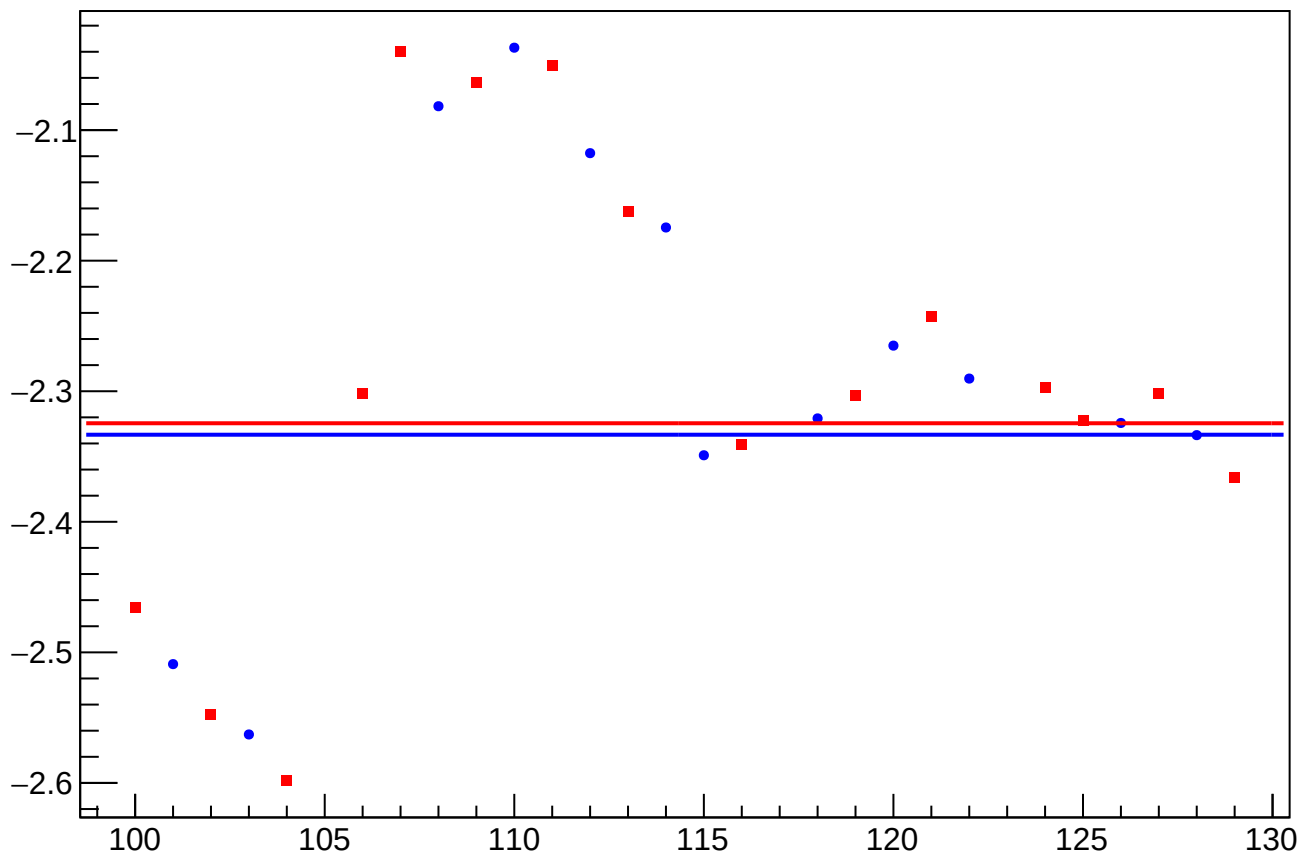
Right: 0.002+/-0.000 χ^2/NDF : 2023797.1/26

In: 0.002+/-0.000 χ^2/NDF :807549.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2023797.1/26

yield_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: -2.333+/-0.000 χ^2/NDF : 3215533571.1/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.325+/-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

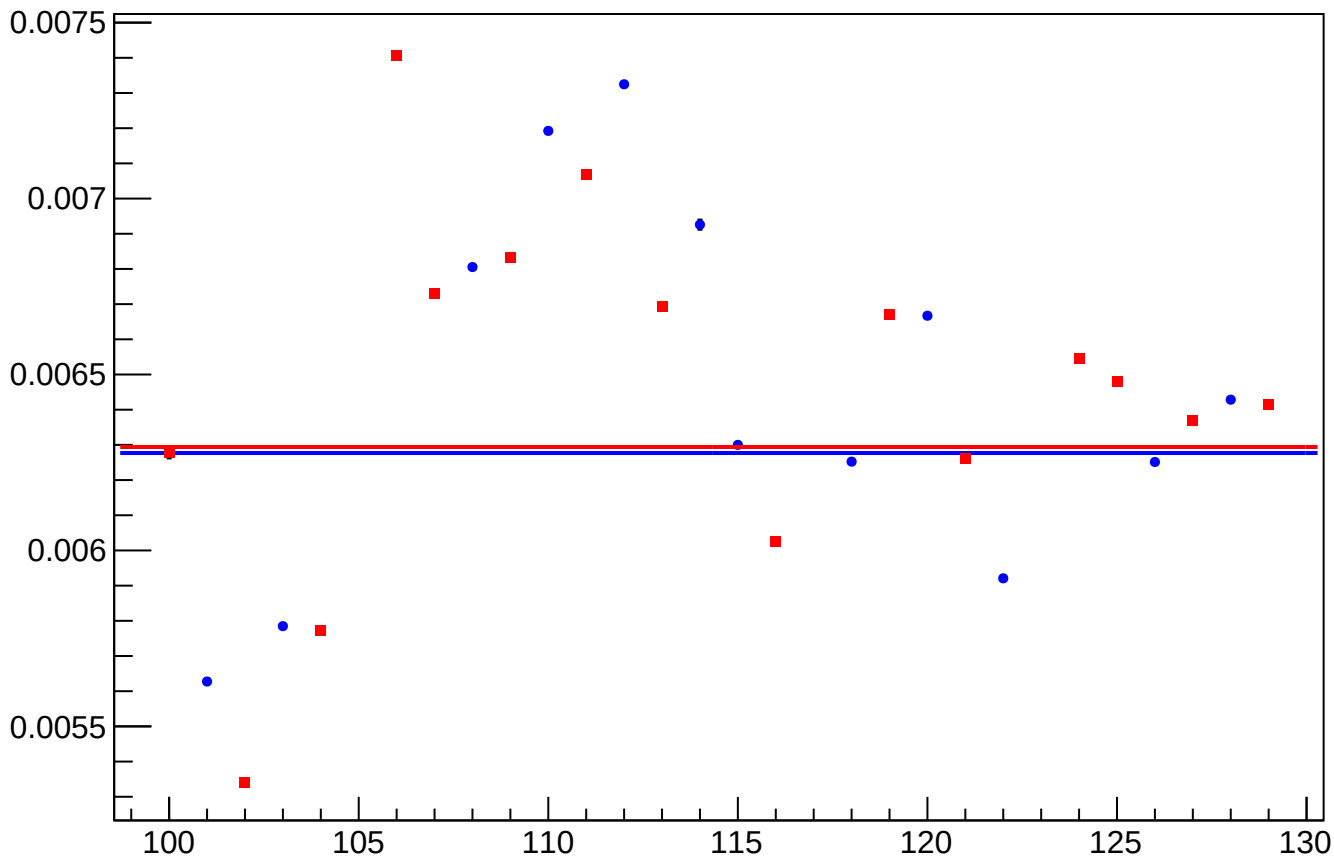
Right: -2.329+/-0.000 χ^2/NDF : 7767585556.3/26

In: -2.333+/-0.000 χ^2/NDF :3215533571.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.329+/-0.000 χ^2/NDF : 7767585556.3/26

yield_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 69367.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 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

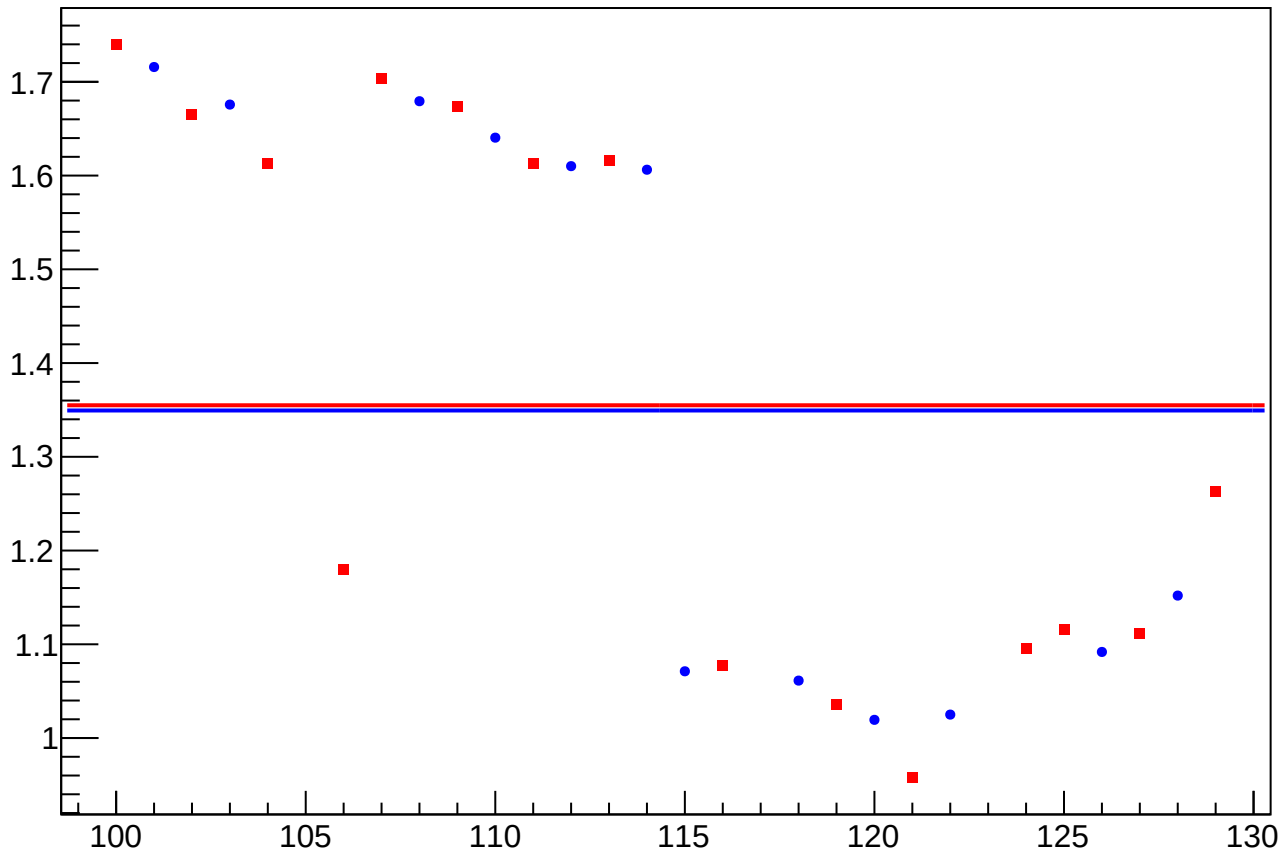
Right: 0.006+/-0.000 χ^2/NDF : 155158.5/26

In: 0.006+/-0.000 χ^2/NDF : 69367.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 155158.5/26

yield_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 1.349+/-0.000 χ^2/NDF : 99111059137.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.355+/-0.000 χ^2/NDF : 104884771787.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

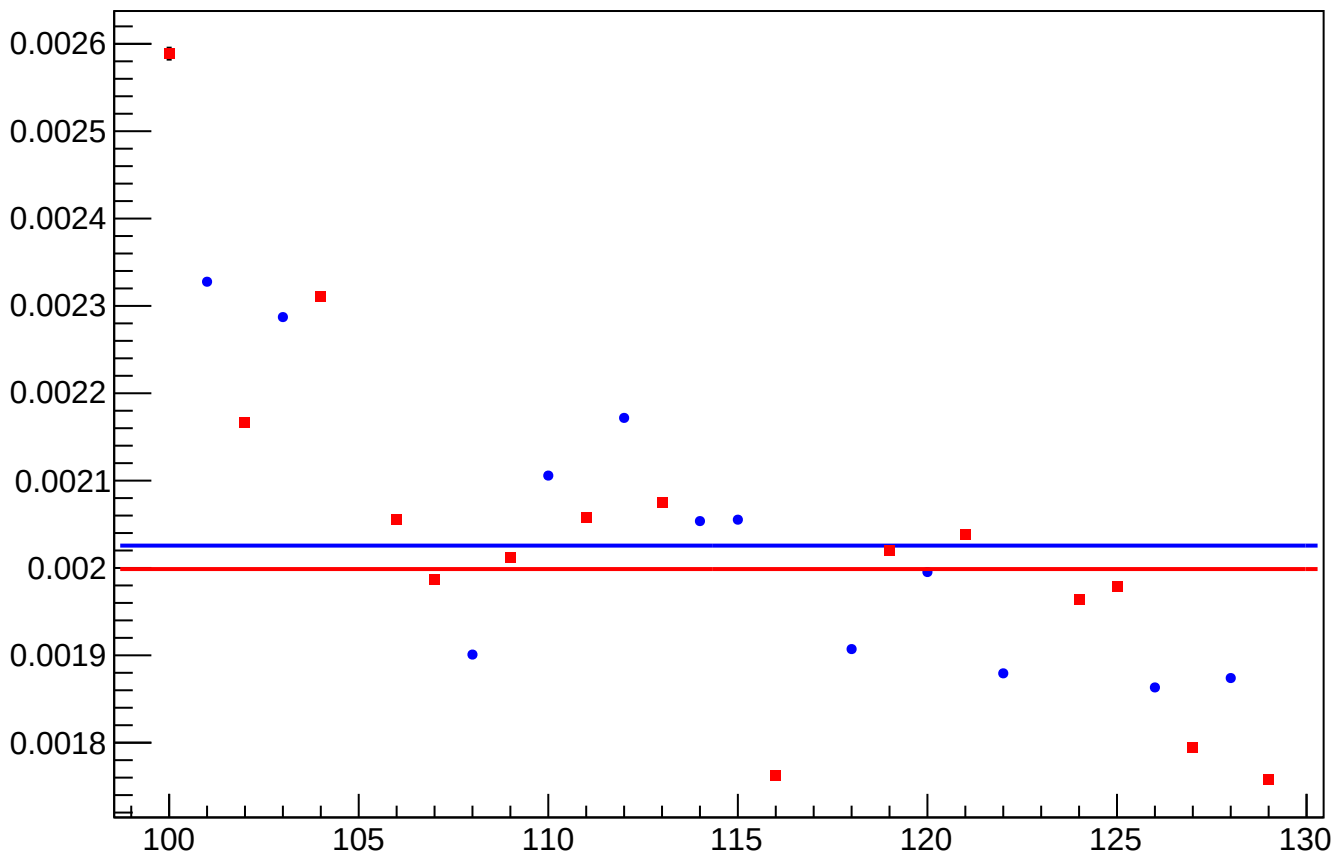
Right: 1.352+/-0.000 χ^2/NDF : 204014754784.7/26

In: 1.349+/-0.000 χ^2/NDF : 99111059137.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.352+/-0.000 χ^2/NDF : 204014754784.7

yield_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 64450.8/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 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

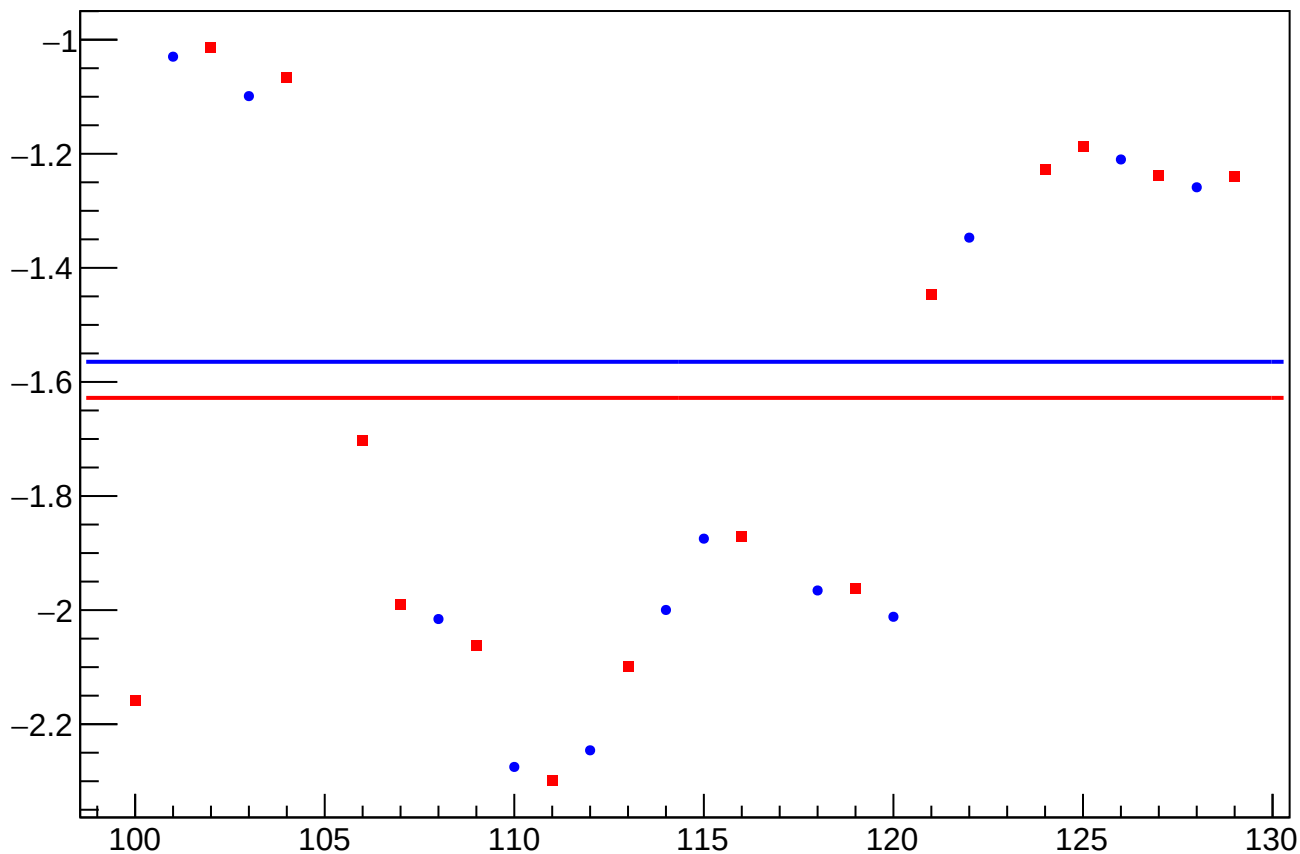
Right: 0.002+/-0.000 χ^2/NDF : 137026.8/26

In: 0.002+/-0.000 χ^2/NDF :64450.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 137026.8/26

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.565+/-0.000 χ^2/NDF : 20940049761.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.628+/-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

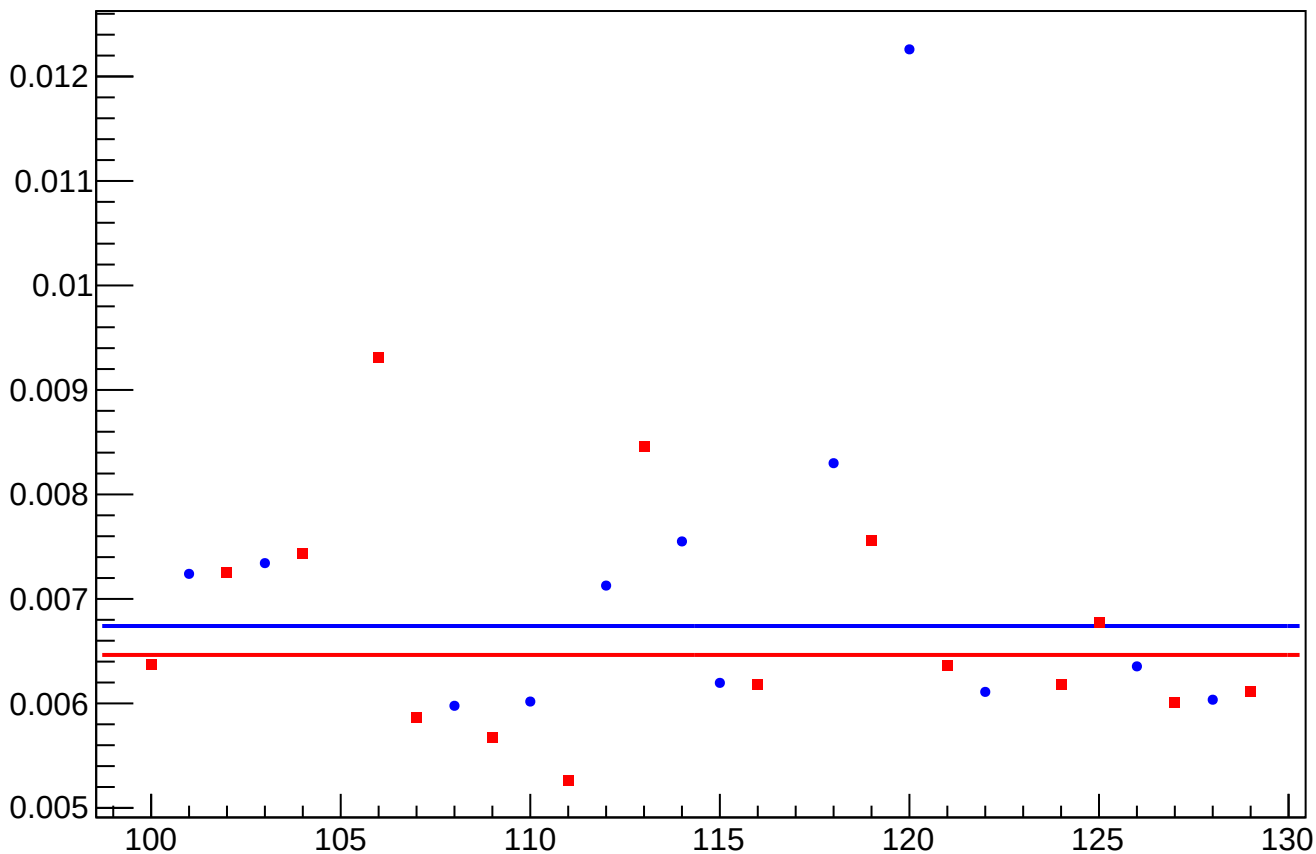
Right: -1.601+/-0.000 χ^2/NDF : 48517637426.5/26

In: -1.565+/-0.000 χ^2/NDF : 20940049761.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.601+/-0.000 χ^2/NDF : 48517637426.5/26

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 210405.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 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

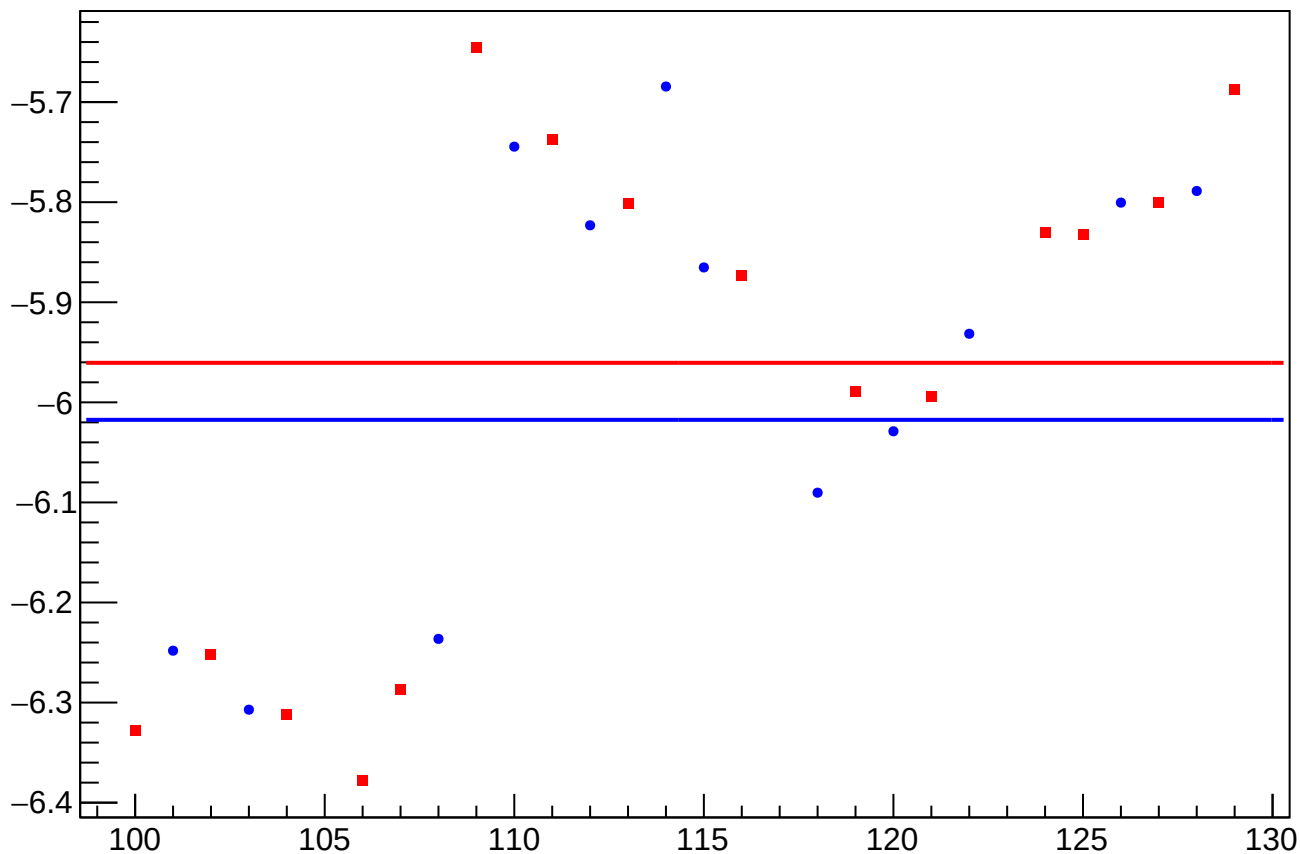
Right: 0.007+/-0.000 χ^2/NDF : 439487.0/26

In: 0.007+/-0.000 χ^2/NDF : 210405.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 439487.0/26

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -6.017+/-0.000 χ^2/NDF : 6793286592.4/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -5.961+/-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

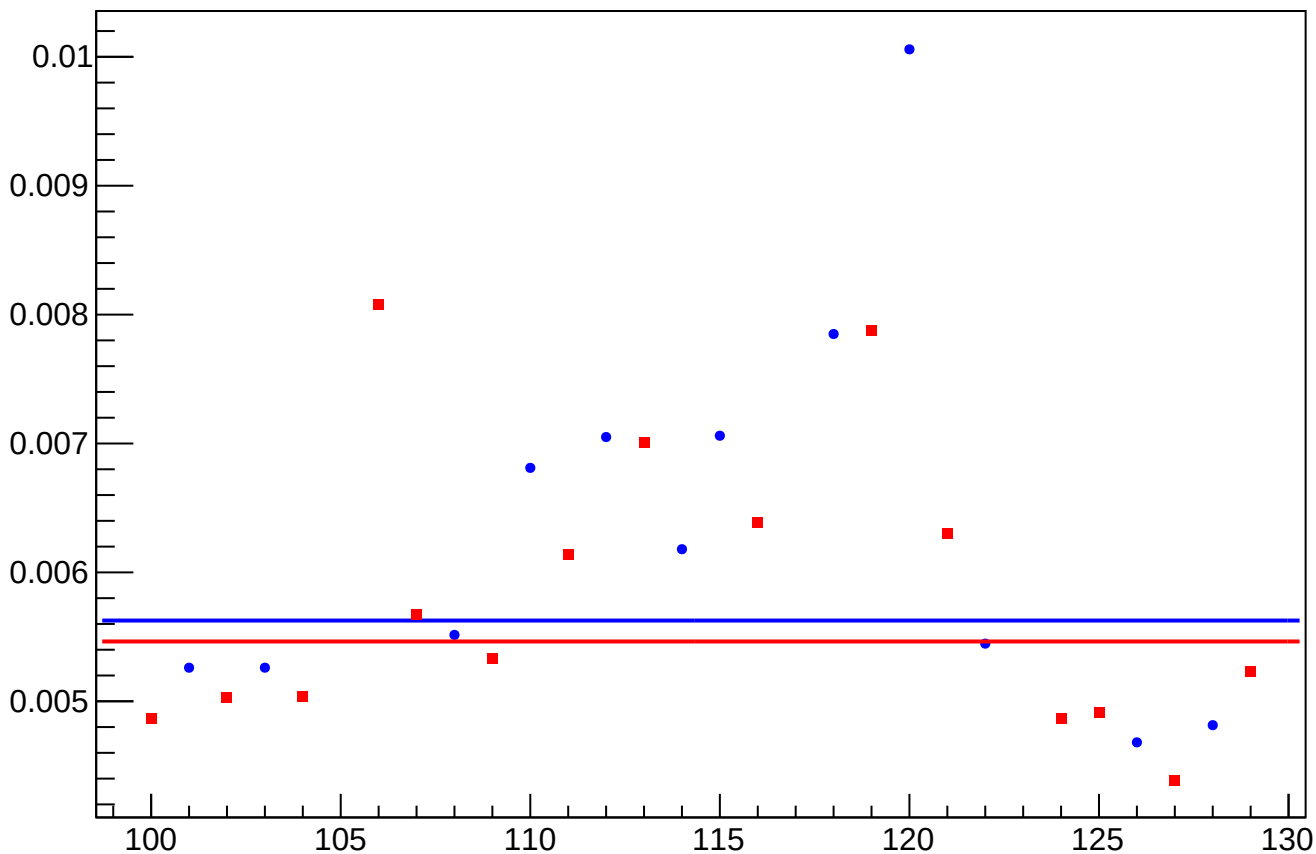
Right: -5.986+/-0.000 χ^2/NDF : 17879092948.0/26

In: -6.017+/-0.000 χ^2/NDF :6793286592.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.986+/-0.000 χ^2/NDF : 17879092948.0/26

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 318620.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 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

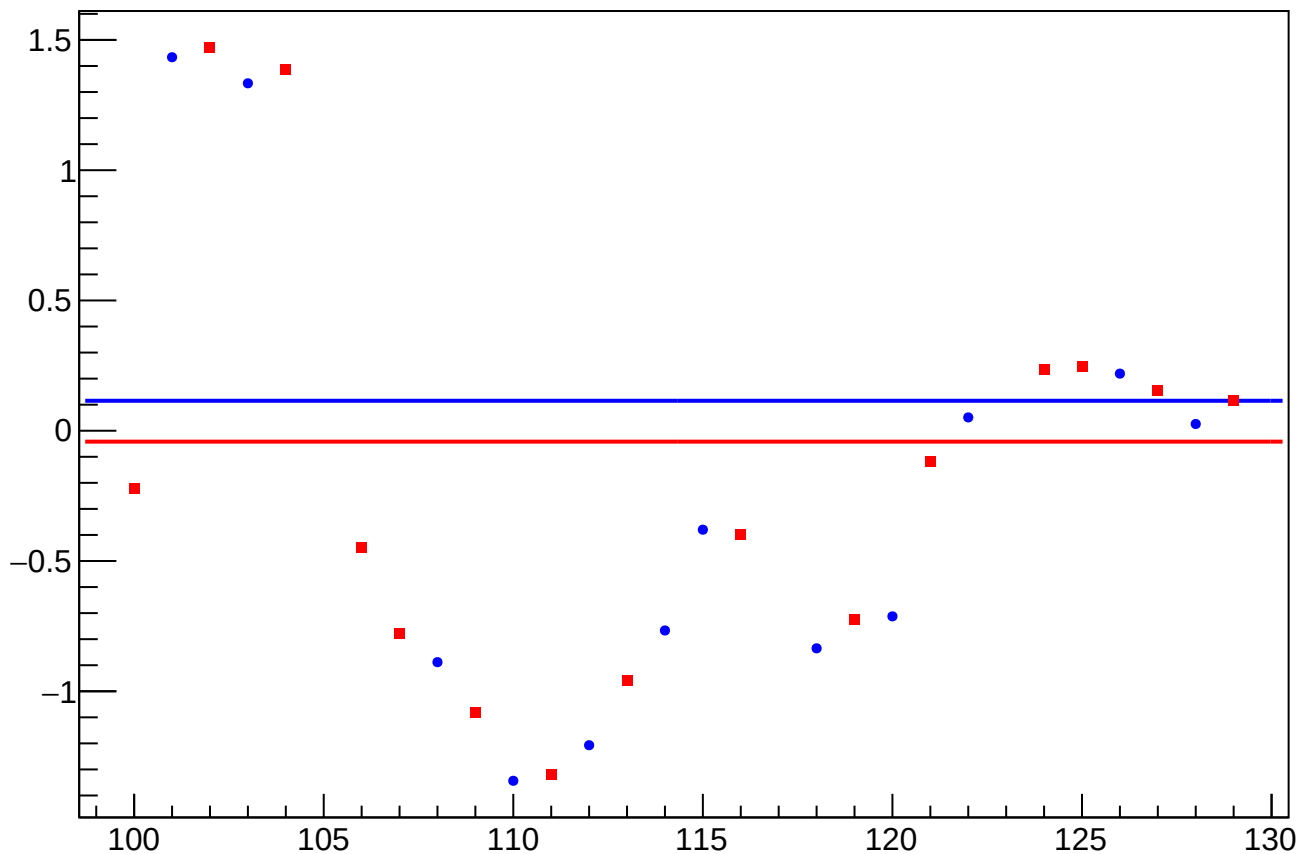
Right: 0.006+/-0.000 χ^2/NDF : 620990.8/26

In: 0.006+/-0.000 χ^2/NDF :318620.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 620990.8/26

yield_bpm0l02X_mean vs Slug, Sign Corrected



Right In: 0.115+/-0.000 χ^2/NDF : 17386336425.9/11

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

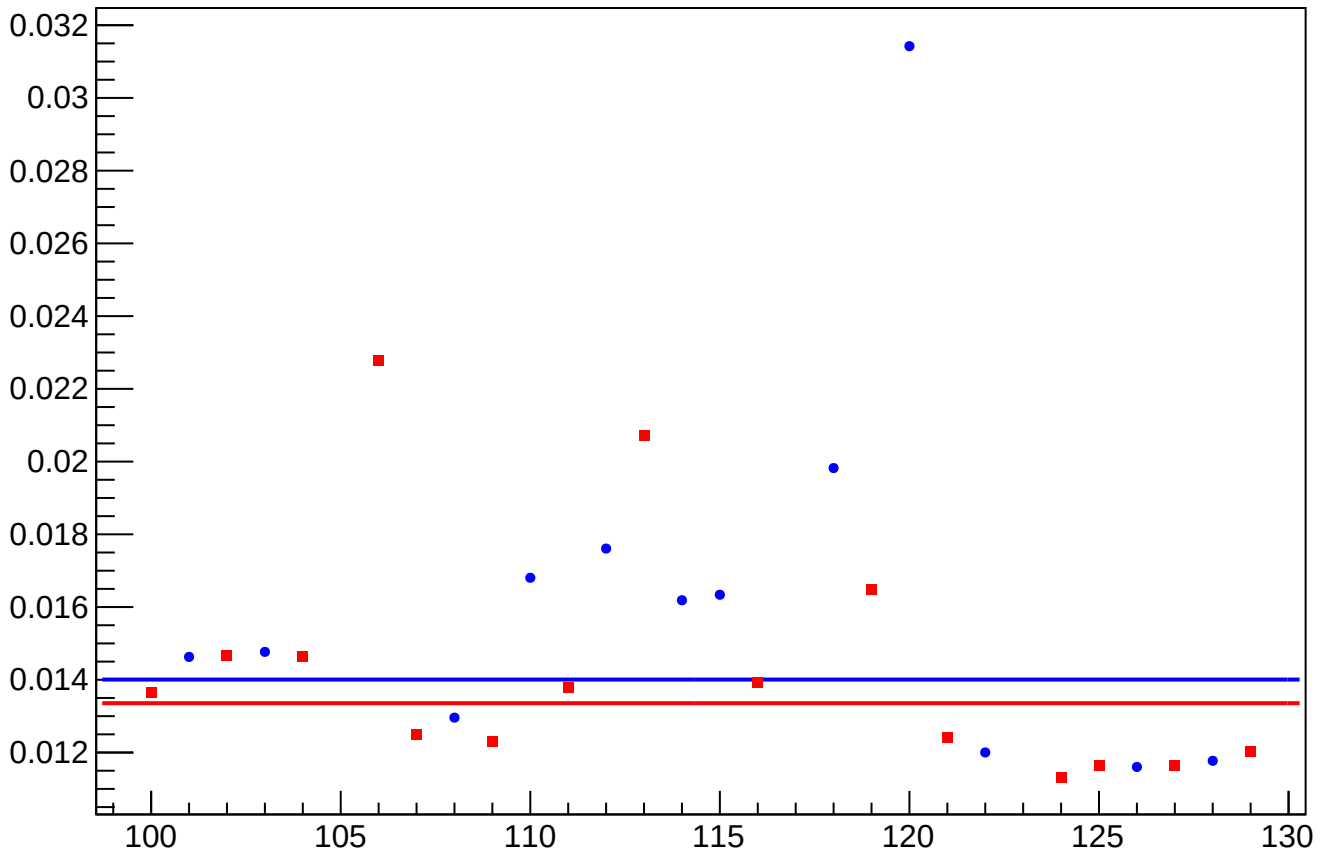
Right: 0.024+/-0.000 χ^2/NDF : 39678848223.3/26

In: 0.115+/-0.000 χ^2/NDF : 17386336425.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.000 χ^2/NDF : 39678848223.3/26

yield_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 390662.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-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

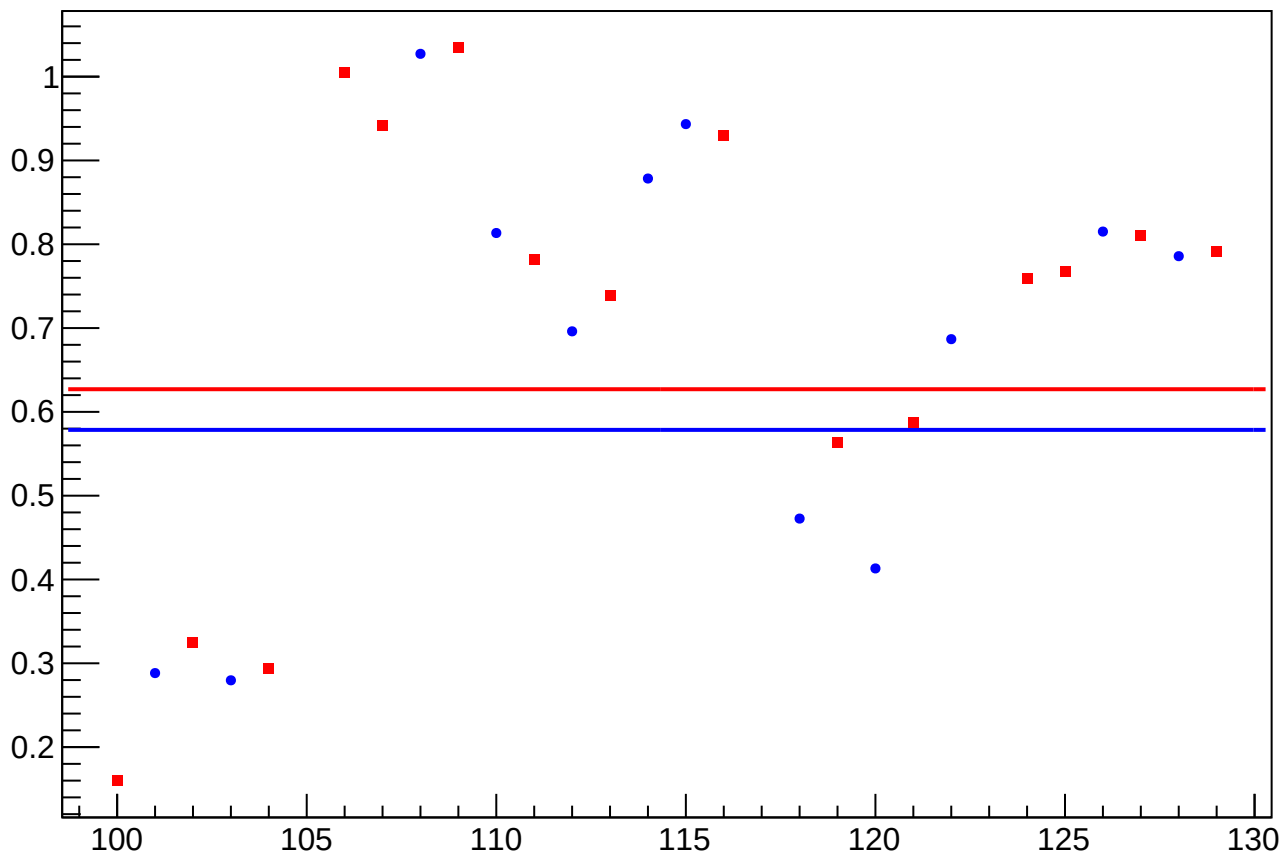
Right: 0.014+/-0.000 χ^2/NDF : 679461.8/26

In: 0.014+/-0.000 χ^2/NDF : 390662.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 679461.8/26

yield_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 0.579+/-0.000 χ^2/NDF : 4750703994.5/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.627+/-0.000 χ^2/NDF : 5760585030.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

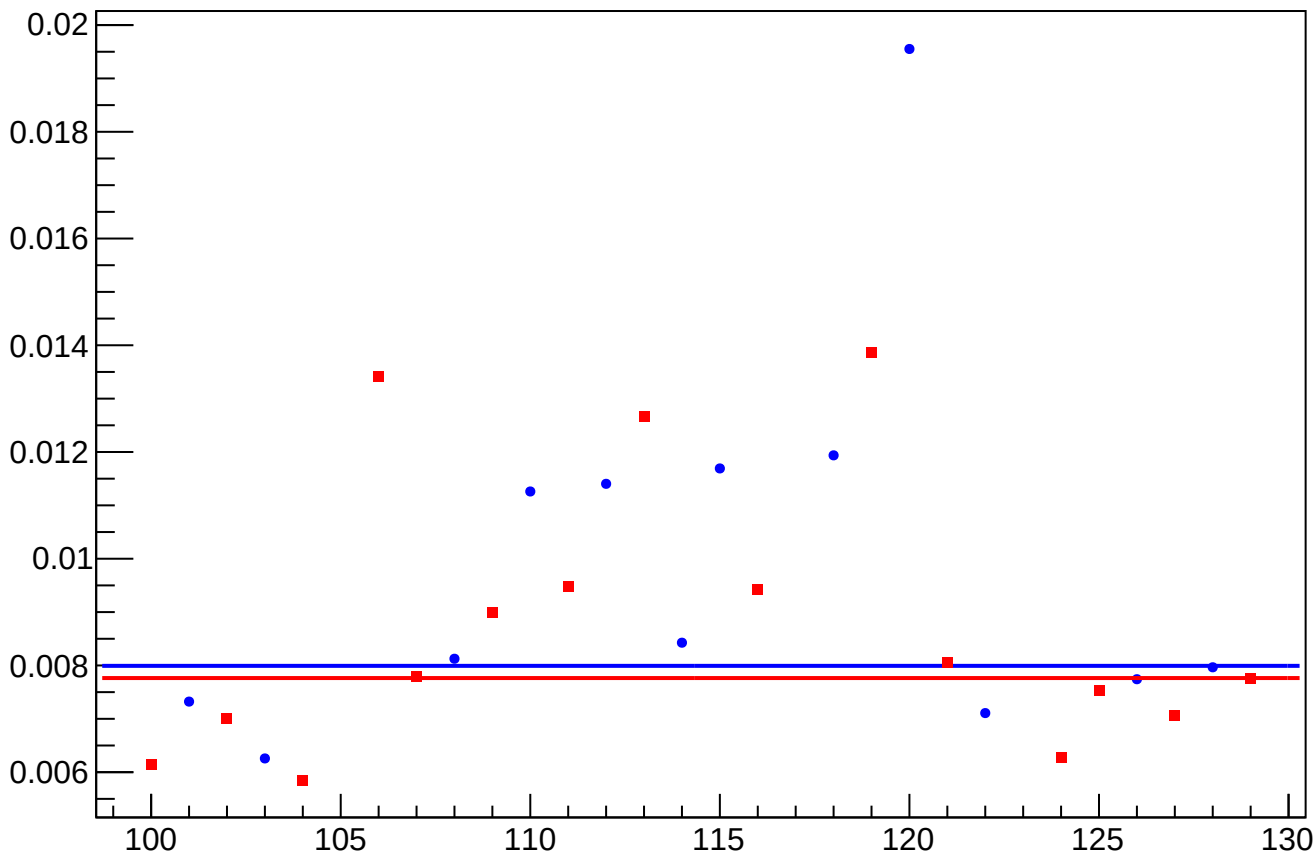
Right: 0.606+/-0.000 χ^2/NDF : 10597644505.3/26

In: 0.579+/-0.000 χ^2/NDF :4750703994.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.606+/-0.000 χ^2/NDF : 10597644505.3/26

yield_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 558166.0/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 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

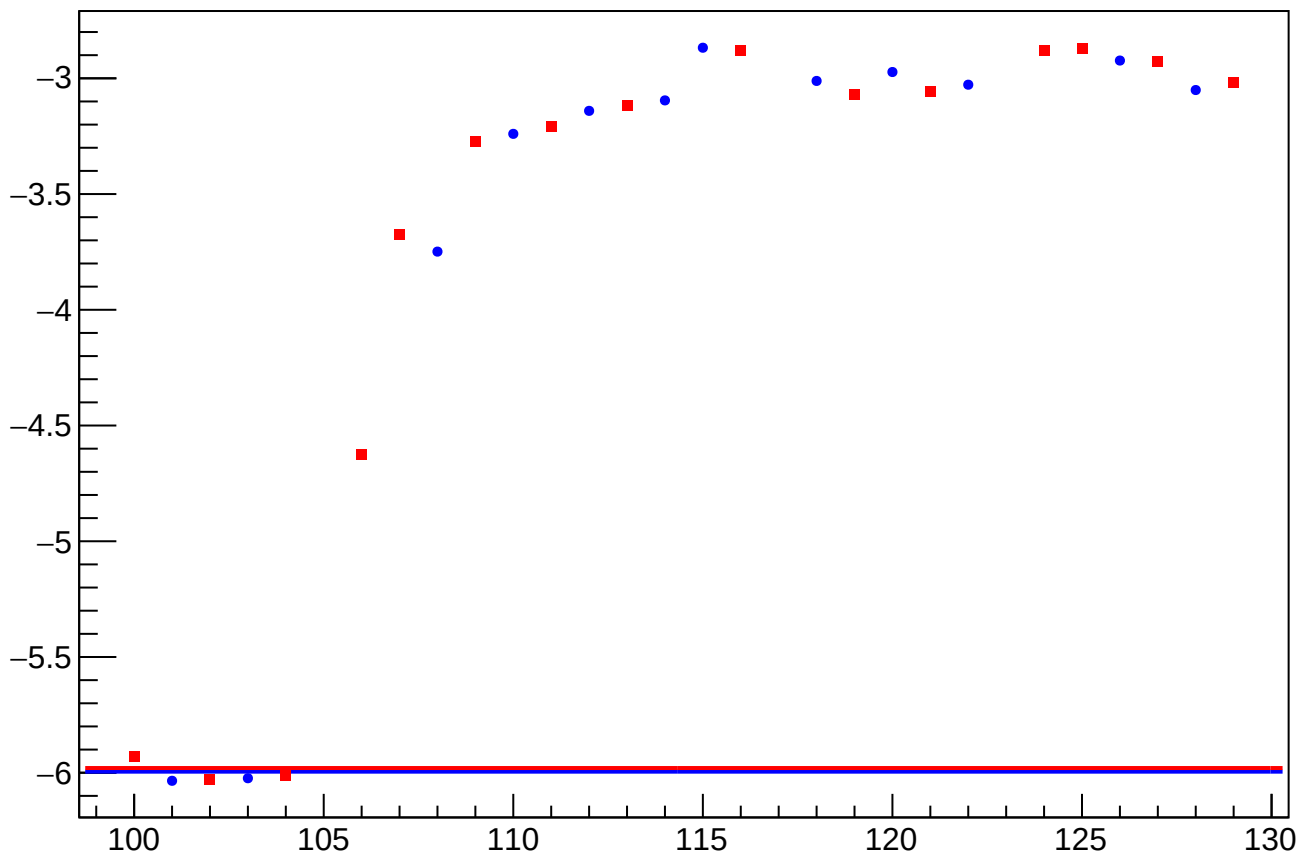
Right: 0.008+/-0.000 χ^2/NDF : 1139764.4/26

In: 0.008+/-0.000 χ^2/NDF :558166.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.000 χ^2/NDF : 1139764.4/26

yield_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -5.995+/-0.000 χ^2/NDF : 4557074588.4/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -5.980+/-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

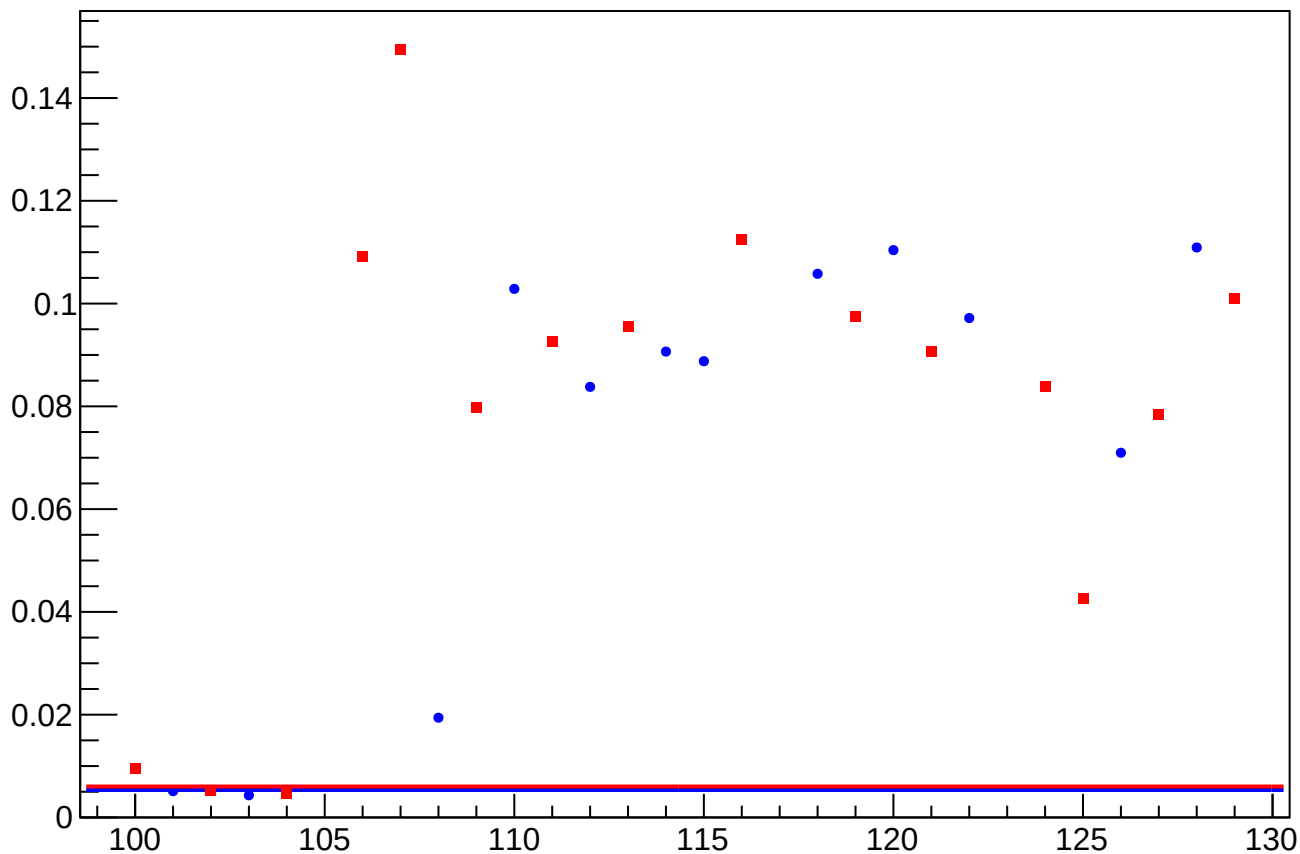
Right: -5.988+/-0.000 χ^2/NDF : 9402145971.2/26

In: -5.995+/-0.000 χ^2/NDF :4557074588.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.988+/-0.000 χ^2/NDF : 9402145971.2/26

yield_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 5638391.4/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 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

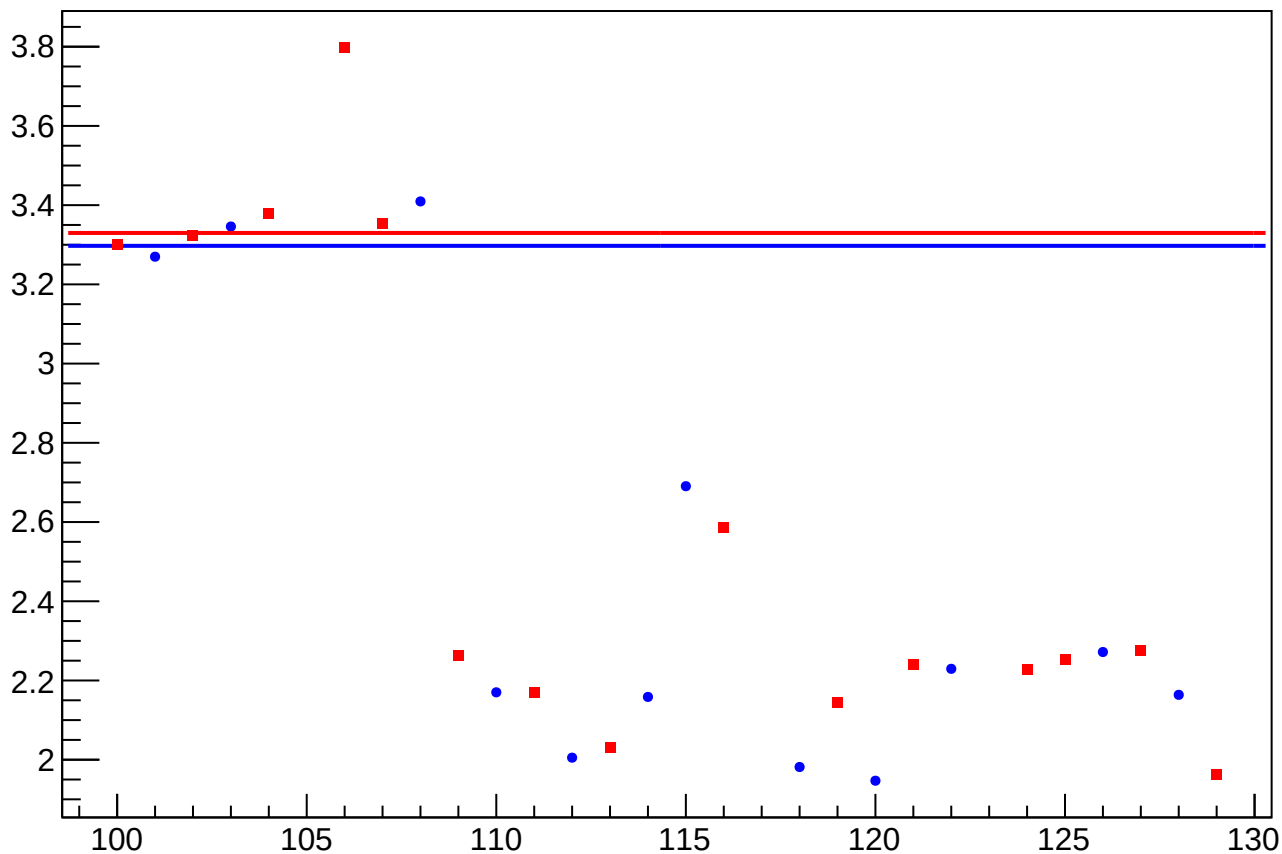
Right: 0.006+/-0.000 χ^2/NDF : 12965755.0/26

In: 0.005+/-0.000 χ^2/NDF :5638391.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 12965755.0/26

yield_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: 3.297+/-0.000 χ^2/NDF : 489823394.4/11

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

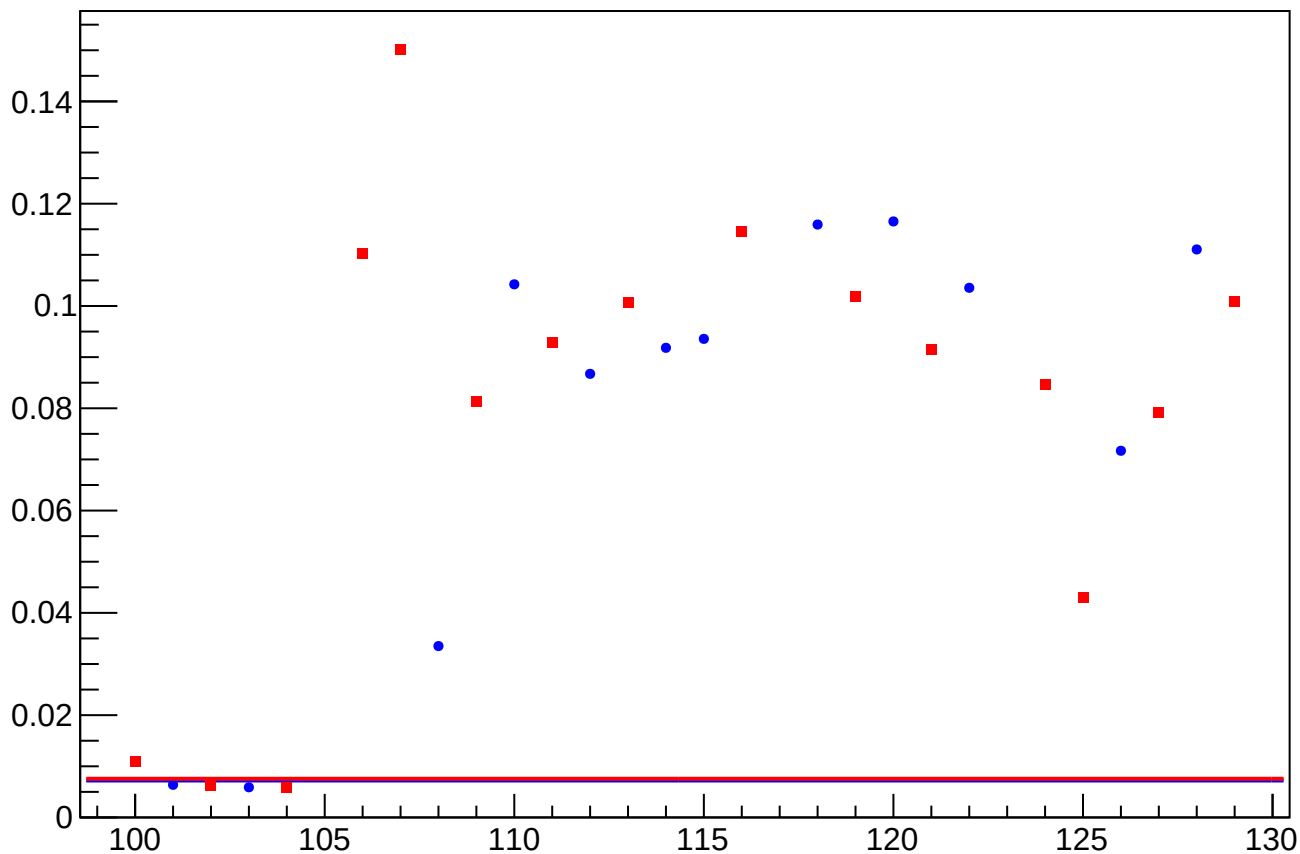
Right: 3.313+/-0.000 χ^2/NDF : 1204896742.3/26

In: 3.297+/-0.000 χ^2/NDF :489823394.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3.313+/-0.000 χ^2/NDF : 1204896742.3/26

yield_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 5574196.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-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

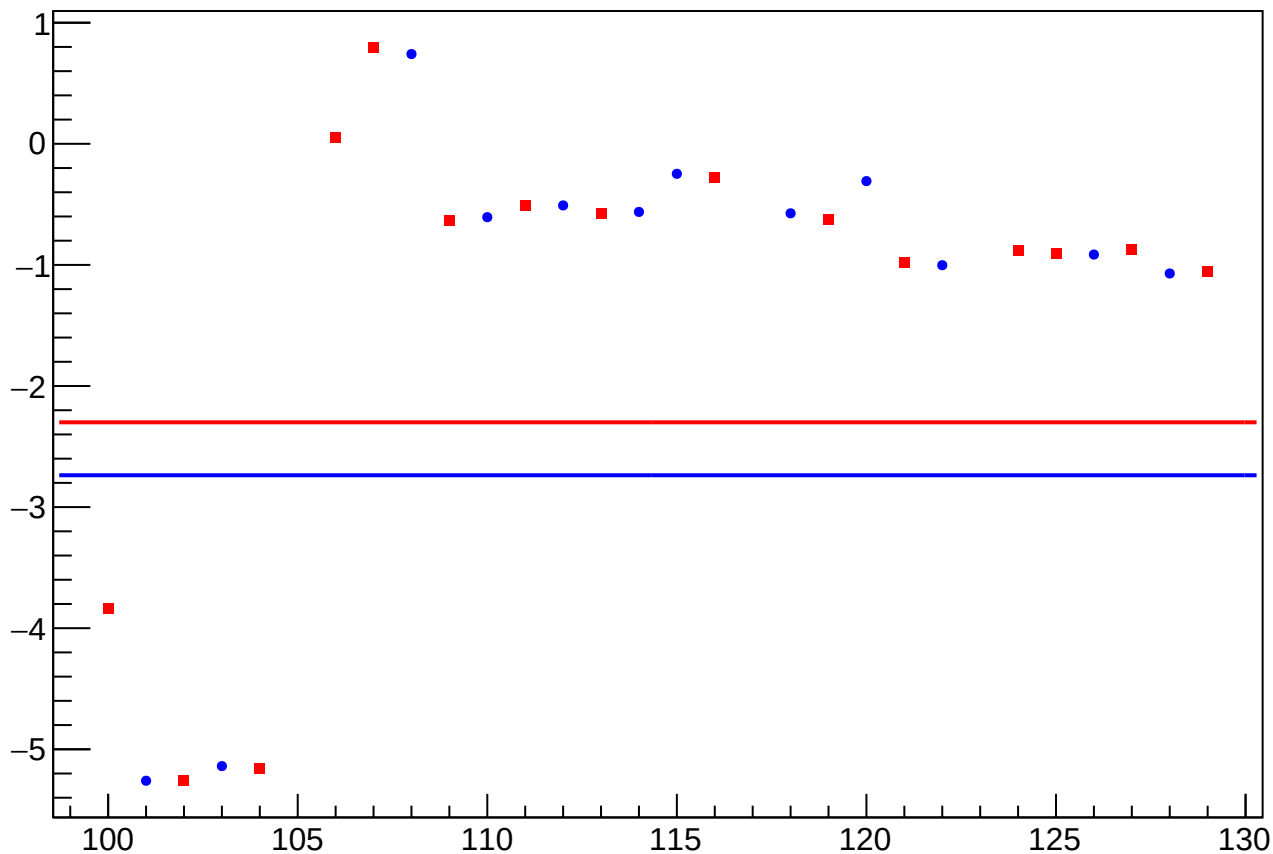
Right: 0.007+/-0.000 χ^2/NDF : 12659657.4/26

In: 0.007+/-0.000 χ^2/NDF : 5574196.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 12659657.4/26

yield_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -2.737+/-0.000 χ^2/NDF : 102891058458.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.300+/-0.000 χ^2/NDF : 114437354972.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

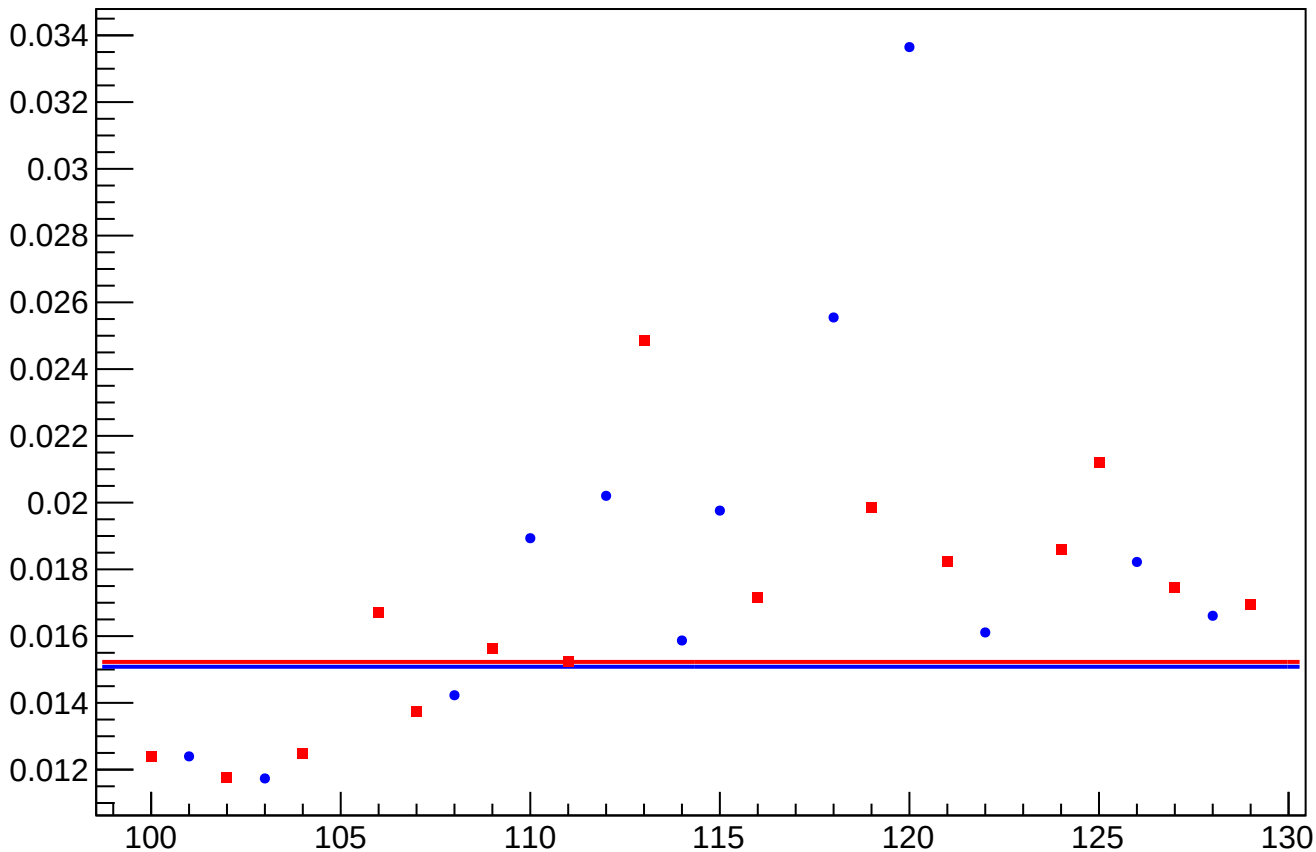
Right: -2.496+/-0.000 χ^2/NDF : 219199112258.3/26

In: -2.737+/-0.000 χ^2/NDF : 102891058458.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.496+/-0.000 χ^2/NDF : 219199112258.3/26

yield_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 584343.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 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

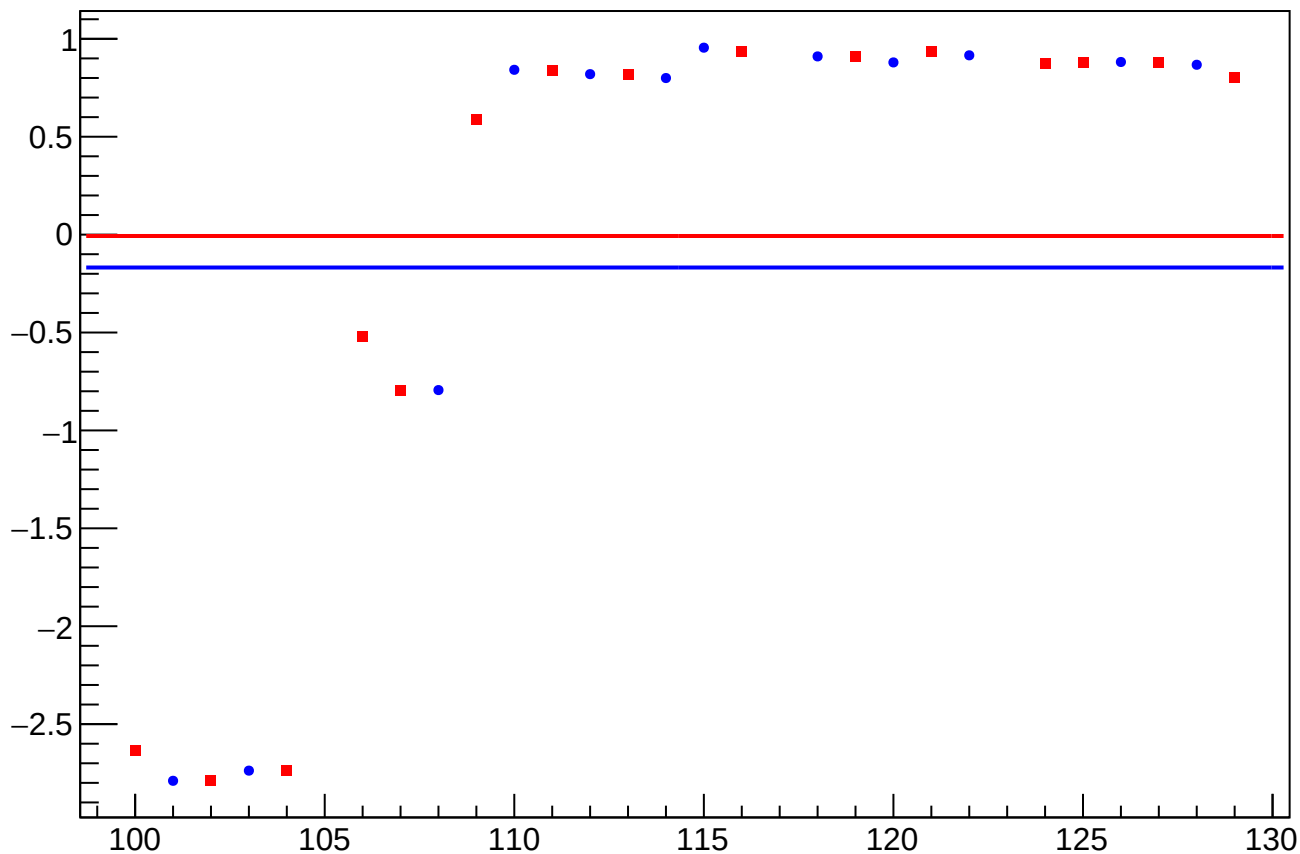
Right: 0.015+/-0.000 χ^2/NDF : 1016151.2/26

In: 0.015+/-0.000 χ^2/NDF : 584343.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 1016151.2/26

yield_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -0.168+/-0.000 χ^2/NDF : 801835433275.3/11

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

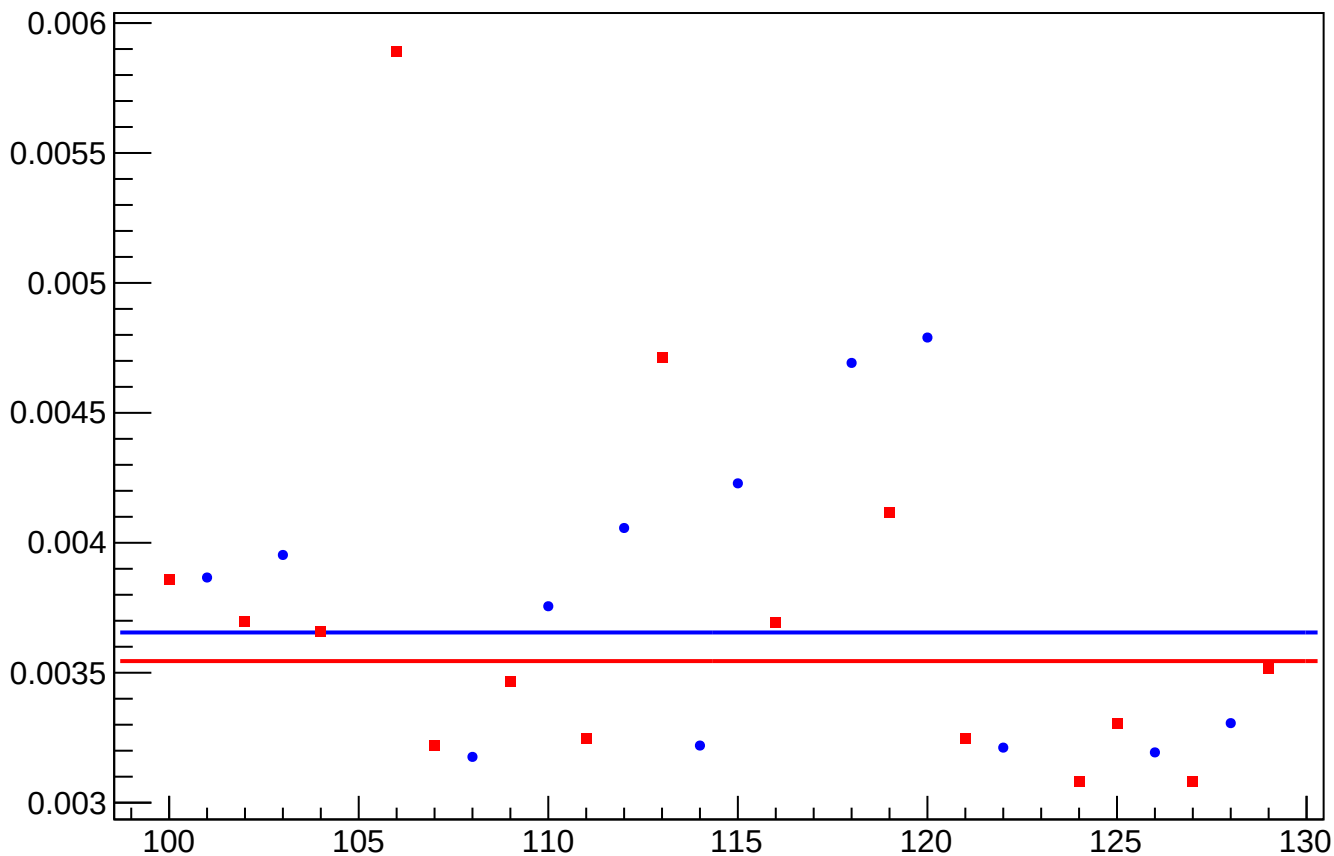
Right: -0.078+/-0.000 χ^2/NDF : 1729804444714.8/2

In: -0.168+/-0.000 χ^2/NDF :801835433275.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.078+/-0.000 χ^2/NDF : 1729804444714

yield_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 169238.9/11

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

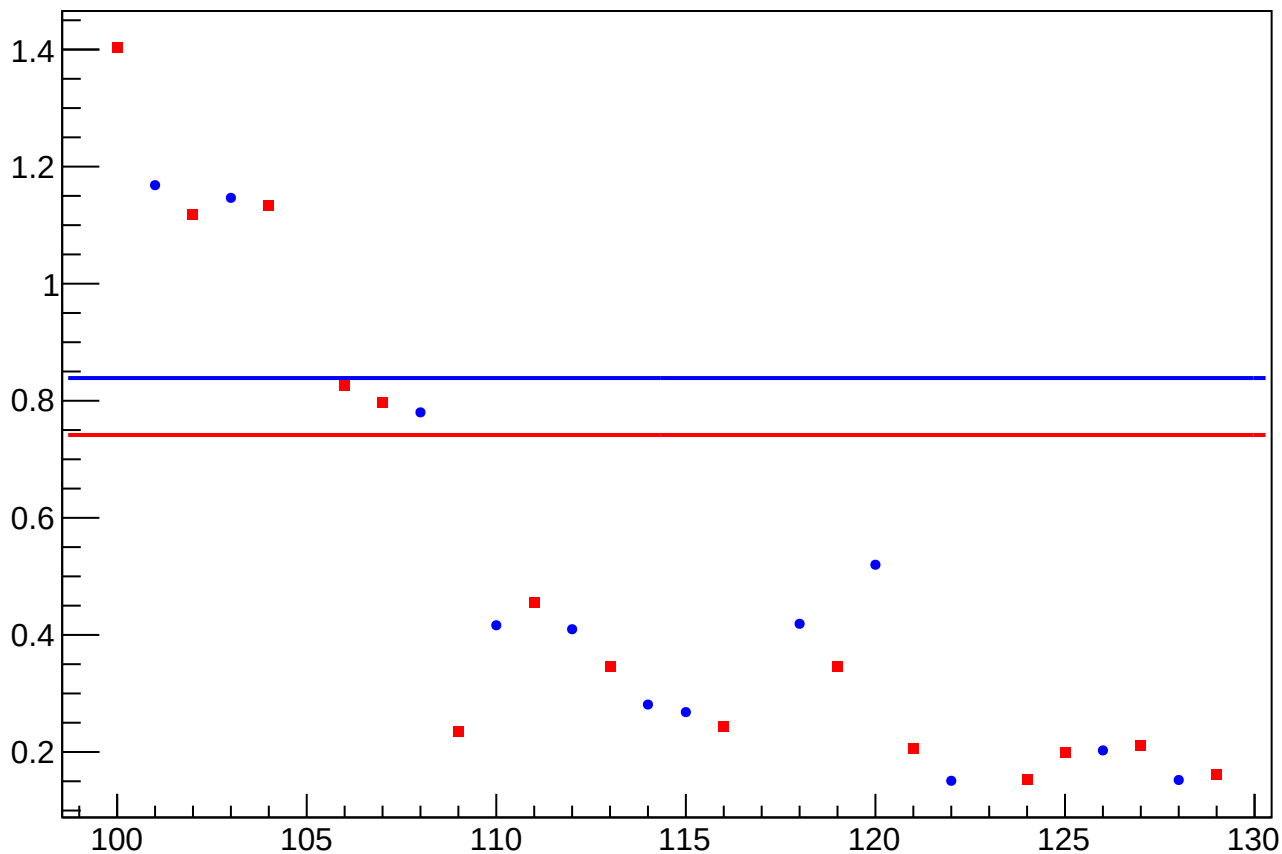
Right: 0.004+/-0.000 χ^2/NDF : 388061.4/26

In: 0.004+/-0.000 χ^2/NDF : 169238.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 388061.4/26

yield_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 0.839+/-0.000 χ^2/NDF : 20437430912.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.742+/-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

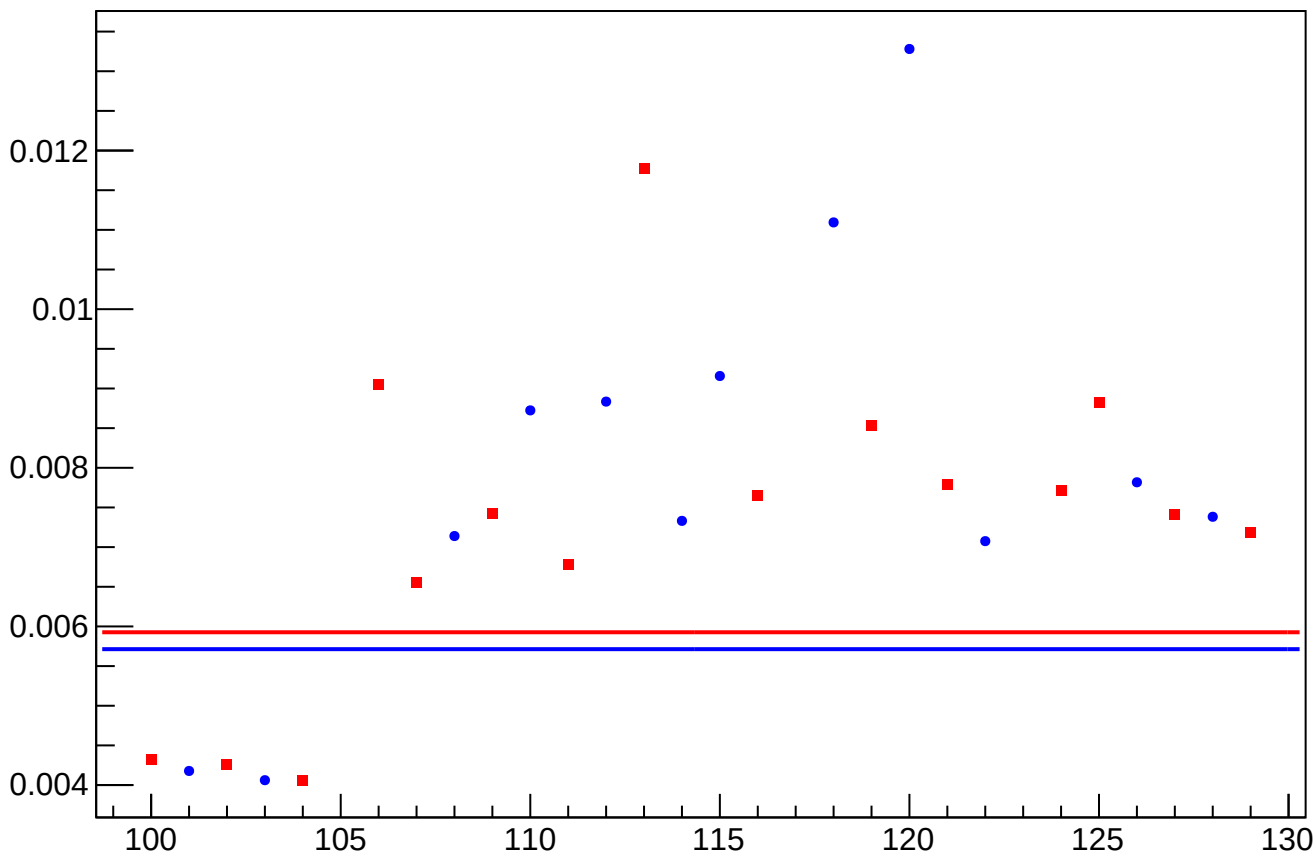
Right: 0.787+/-0.000 χ^2/NDF : 45725804334.8/26

In: 0.839+/-0.000 χ^2/NDF : 20437430912.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.787+/-0.000 χ^2/NDF : 45725804334.8/26

yield_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 1118184.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 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

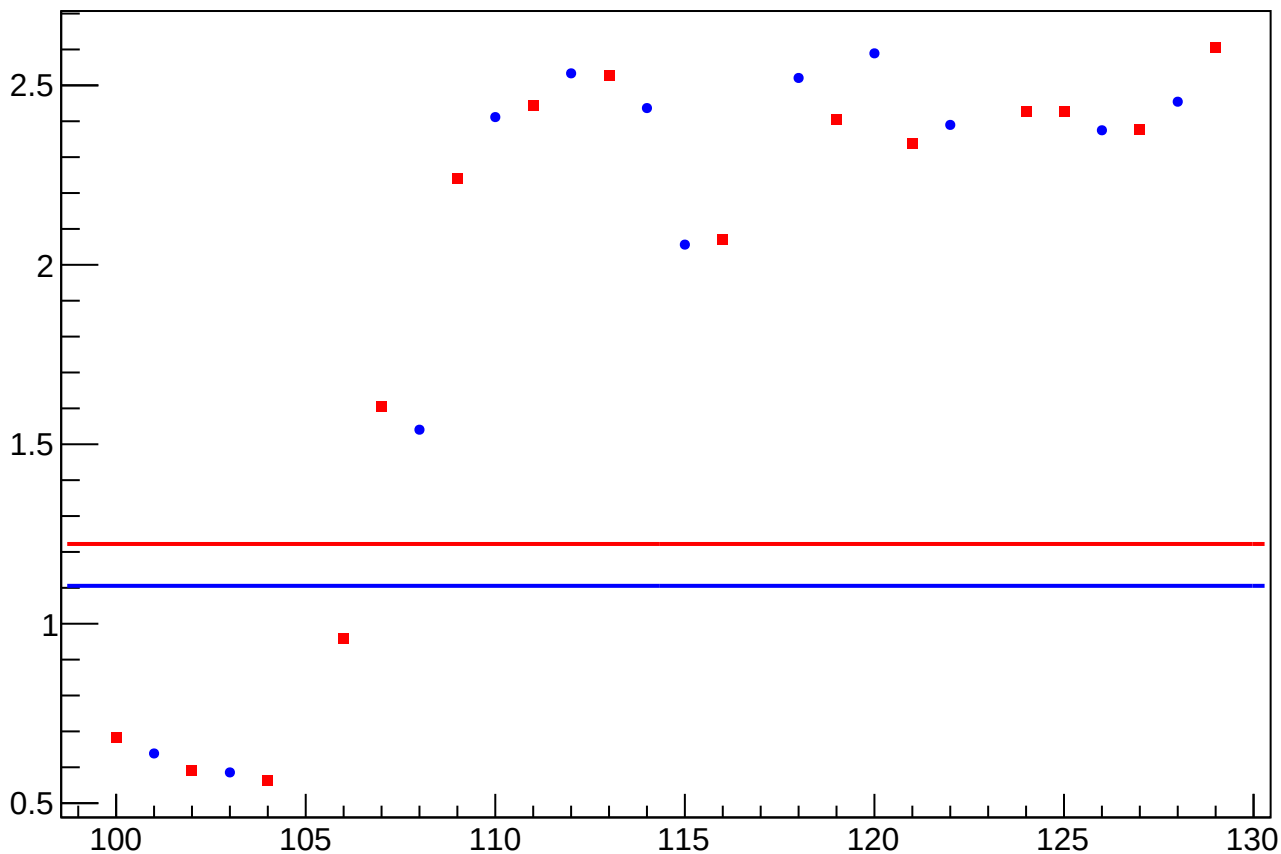
Right: 0.006+/-0.000 χ^2/NDF : 2114873.0/26

In: 0.006+/-0.000 χ^2/NDF : 1118184.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 2114873.0/26

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 1.106+/-0.000

χ^2/NDF : 76211170268.5/11

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 1.168+/-0.000

χ^2/NDF : 178738287748.8/26

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 1.106+/-0.000

χ^2/NDF : 76211170268.5/11

Right Out: 1.222+/-0.000

χ^2/NDF : 101627493112.1/14

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

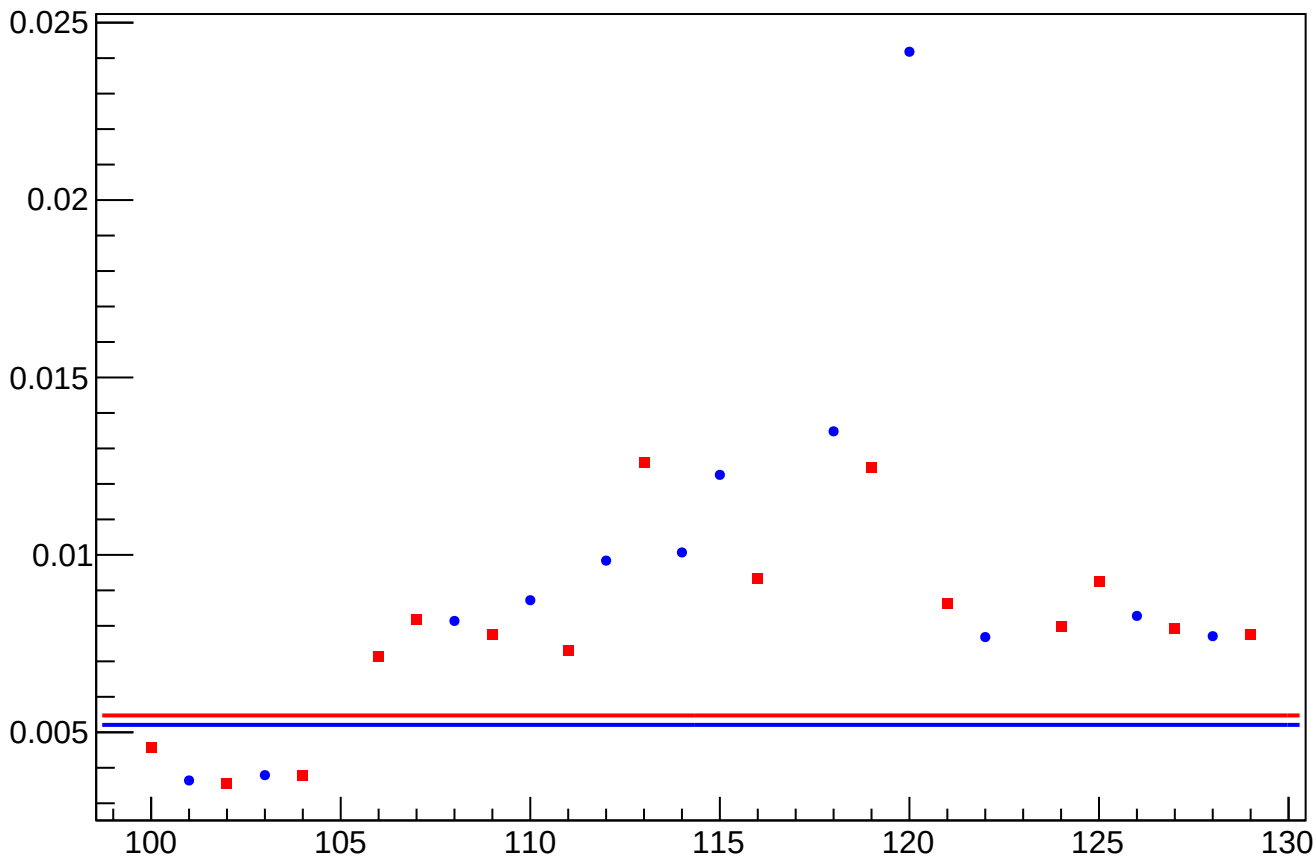
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.168+/-0.000

χ^2/NDF : 178738287748.8

yield_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1736135.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 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

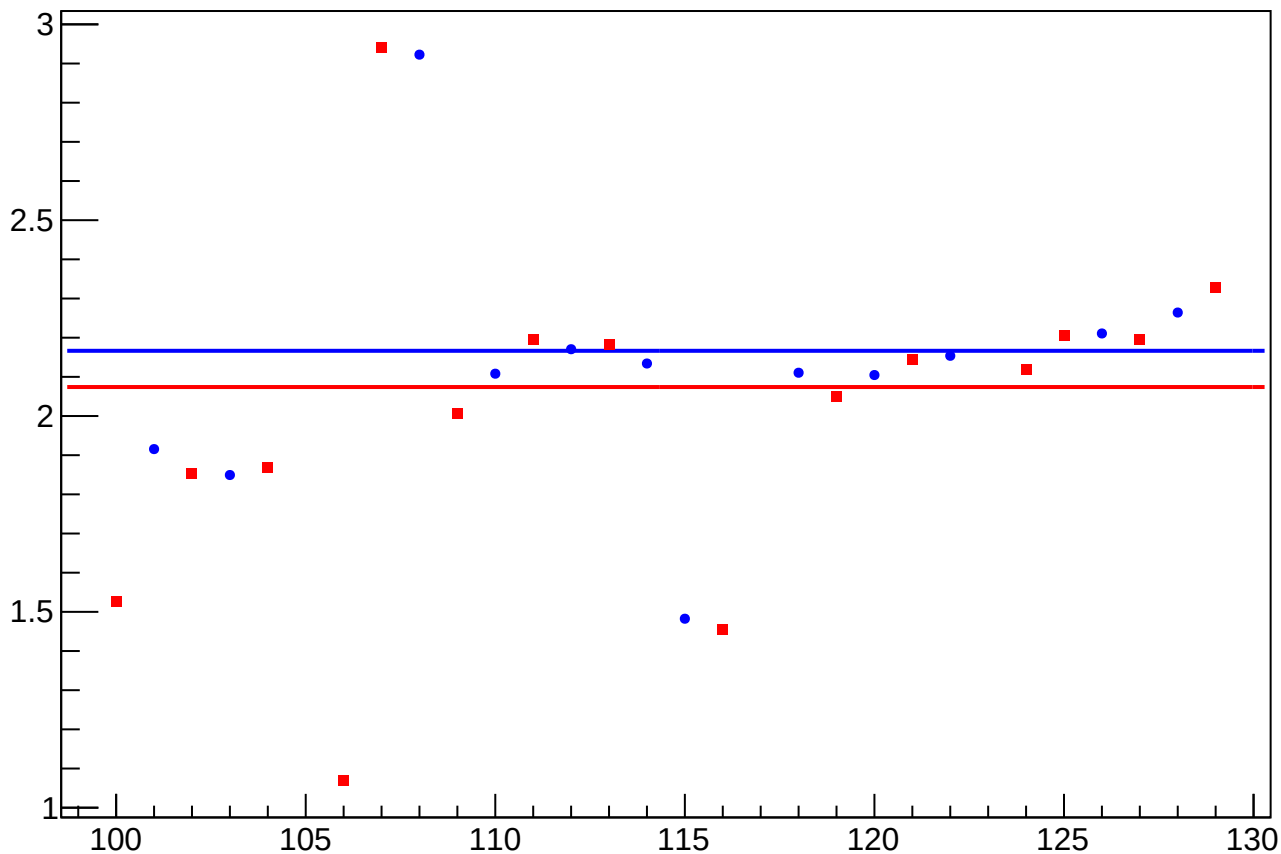
Right: 0.005+/-0.000 χ^2/NDF : 3413171.9/26

In: 0.005+/-0.000 χ^2/NDF : 1736135.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 3413171.9/26

yield_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 2.167+/-0.000 χ^2/NDF : 9170110866.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.074+/-0.000 χ^2/NDF : 14540147613.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

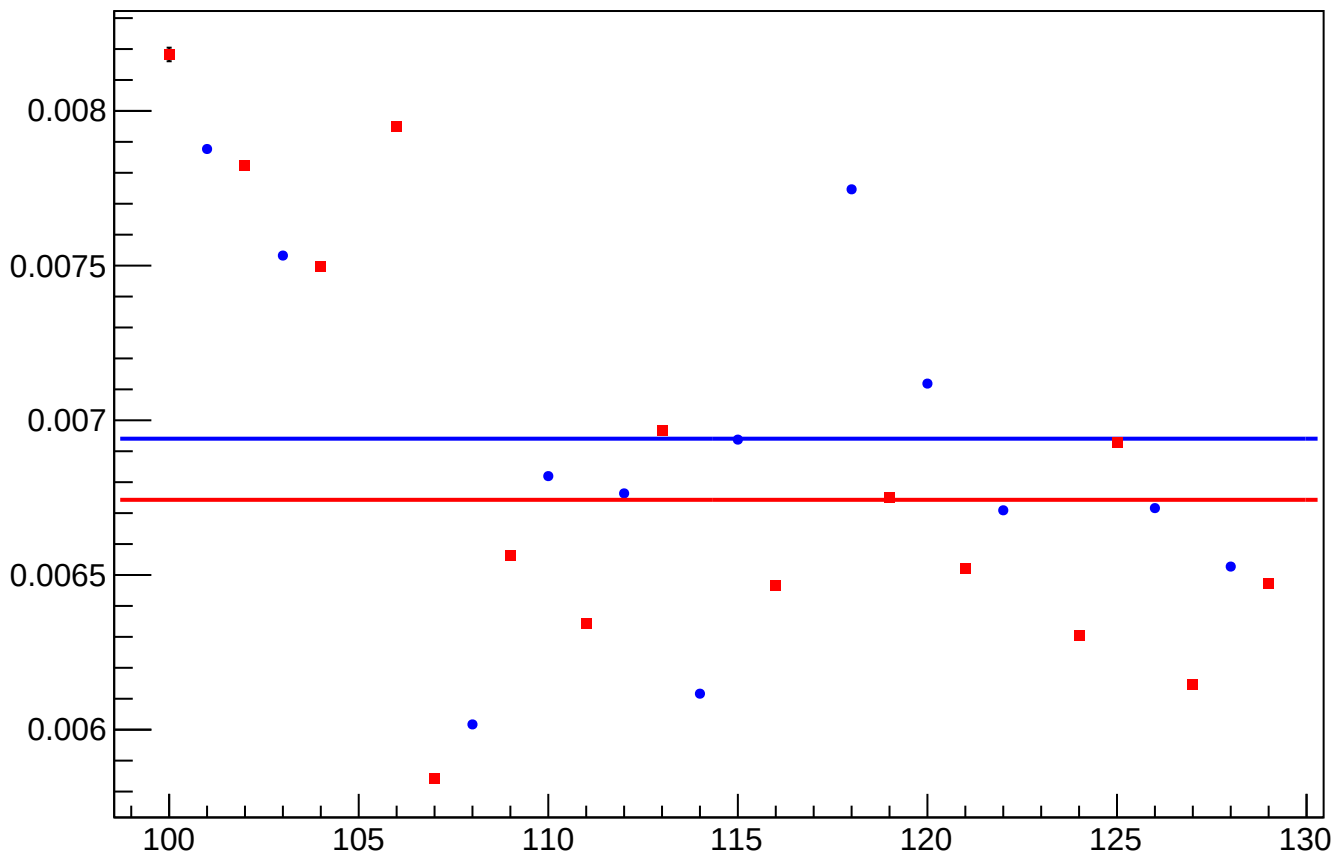
Right: 2.115+/-0.000 χ^2/NDF : 24178442350.9/26

In: 2.167+/-0.000 χ^2/NDF : 9170110866.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.115+/-0.000 χ^2/NDF : 24178442350.9/26

yield_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 64205.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 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

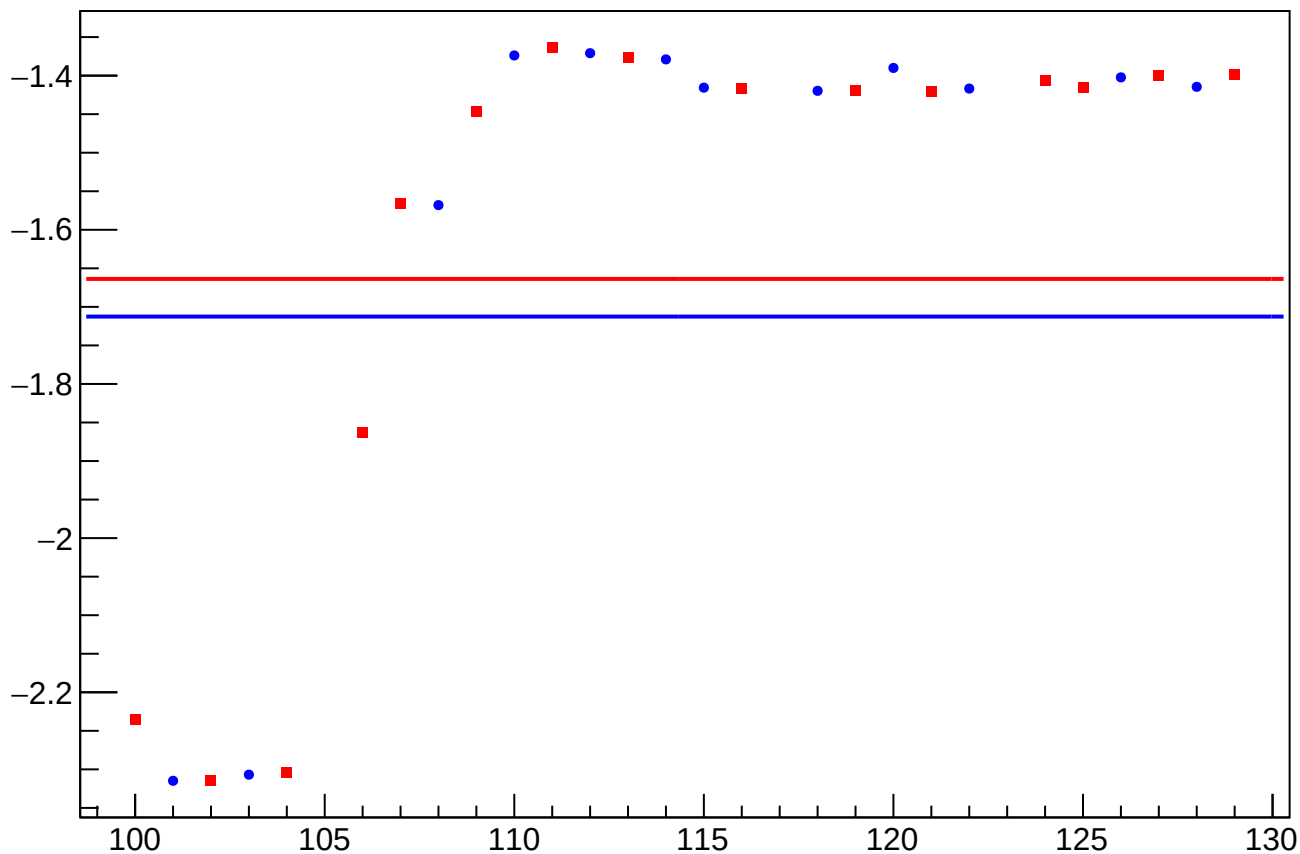
Right: 0.007+/-0.000 χ^2/NDF : 150052.5/26

In: 0.007+/-0.000 χ^2/NDF :64205.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 150052.5/26

yield_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -1.713 ± 0.000 $\chi^2/\text{NDF}: 112778081236.8/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.664 ± 0.000 $\chi^2/\text{NDF}: 120064393423.2/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

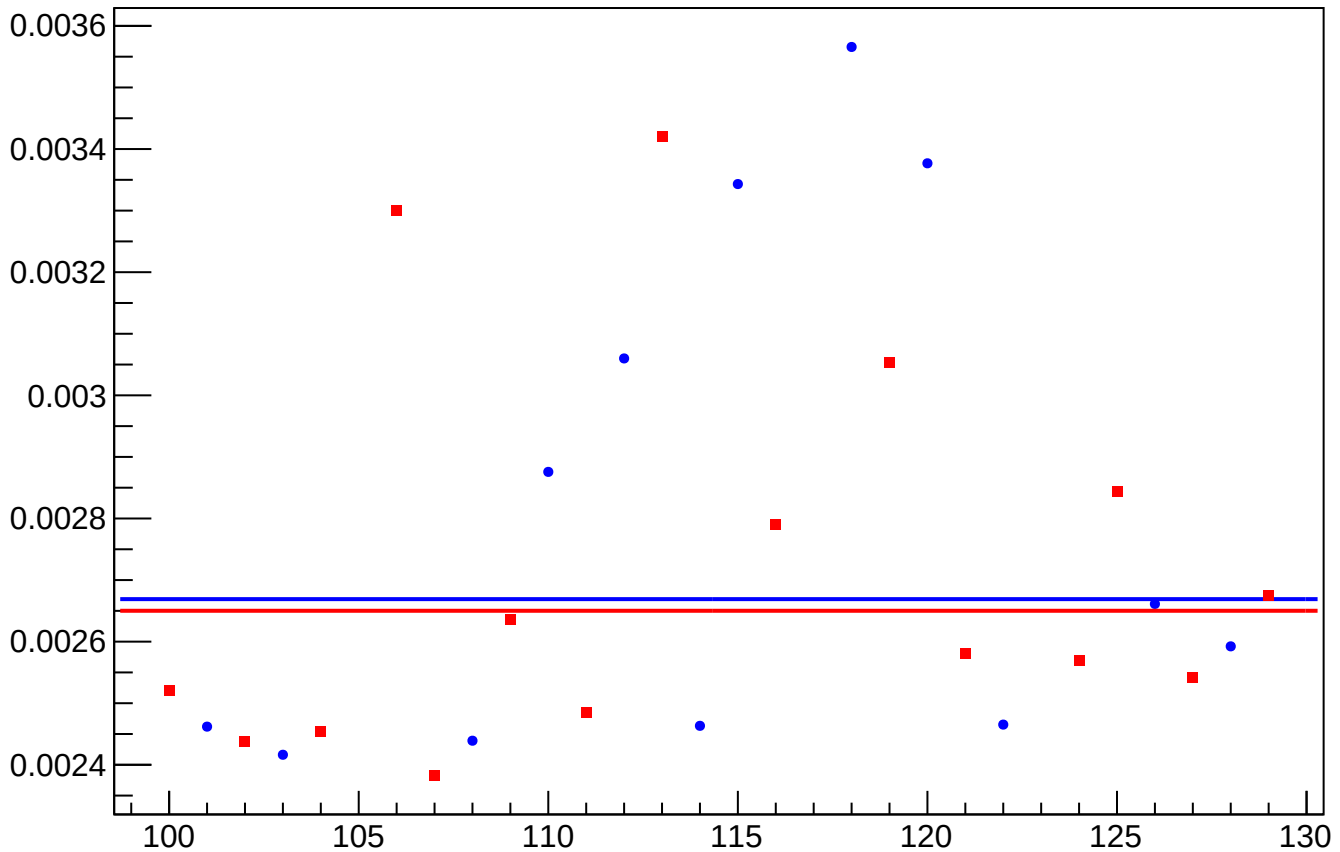
Right: -1.686 ± 0.000 $\chi^2/\text{NDF}: 233689943763.7/26$

In: -1.713 ± 0.000 $\chi^2/\text{NDF}: 112778081236.8/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.686 ± 0.000 $\chi^2/\text{NDF}: 233689943763.7$

yield_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 151545.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 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

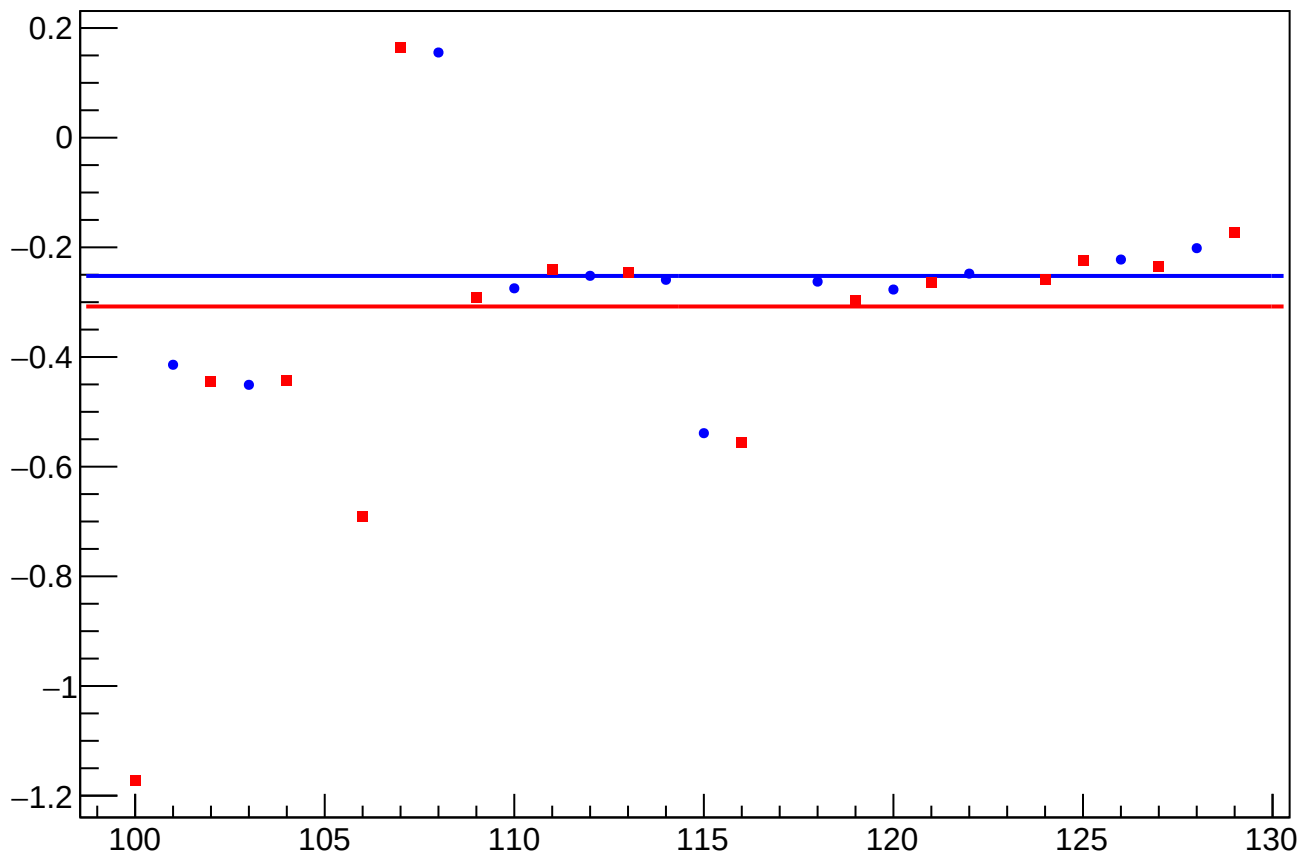
Right: 0.003+/-0.000 χ^2/NDF : 265433.7/26

In: 0.003+/-0.000 χ^2/NDF :151545.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 265433.7/26

yield_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -0.252+/-0.000 χ^2/NDF : 961597856.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.308+/-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

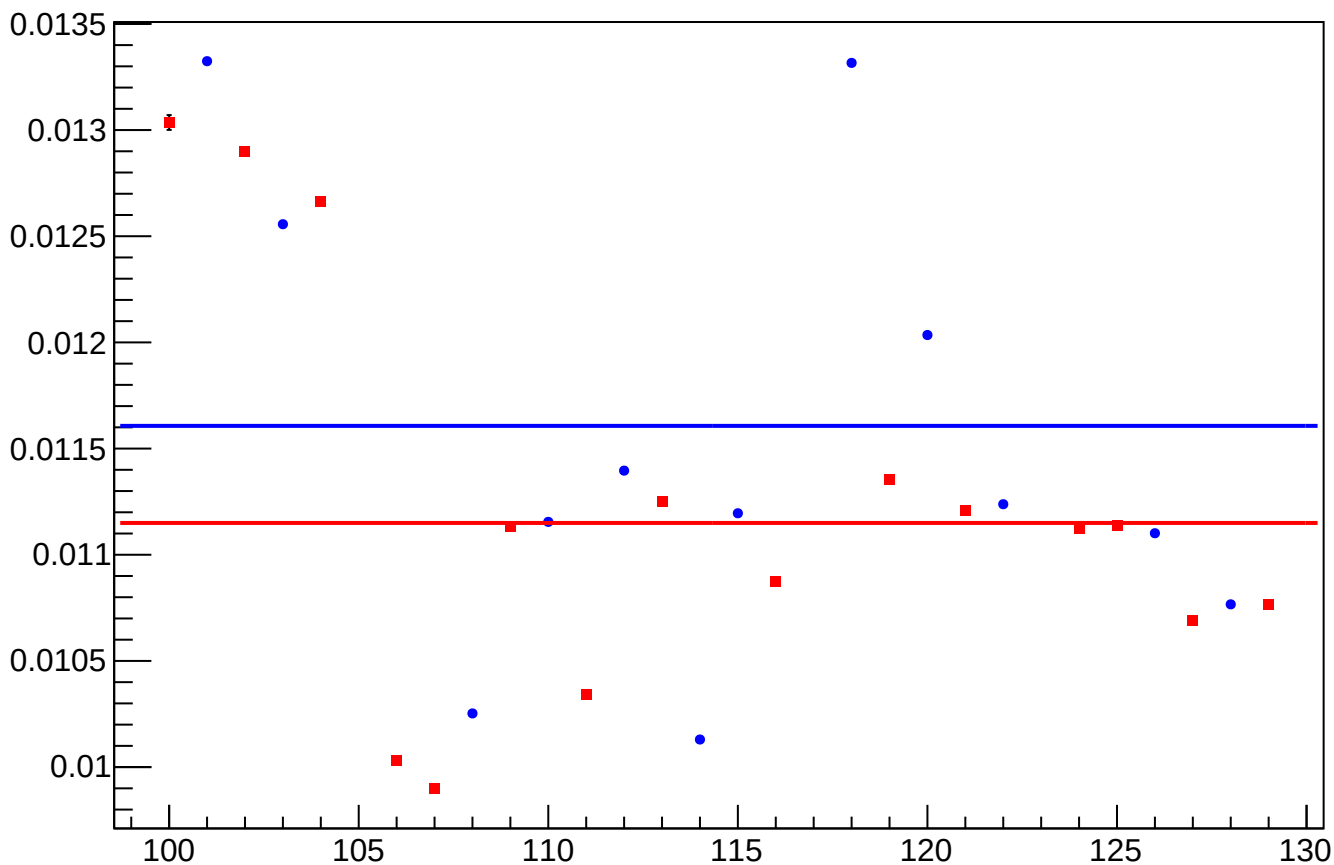
Right: -0.284+/-0.000 χ^2/NDF : 2722780780.4/26

In: -0.252+/-0.000 χ^2/NDF : 961597856.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.284+/-0.000 χ^2/NDF : 2722780780.4/26

yield_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 73964.8/11

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

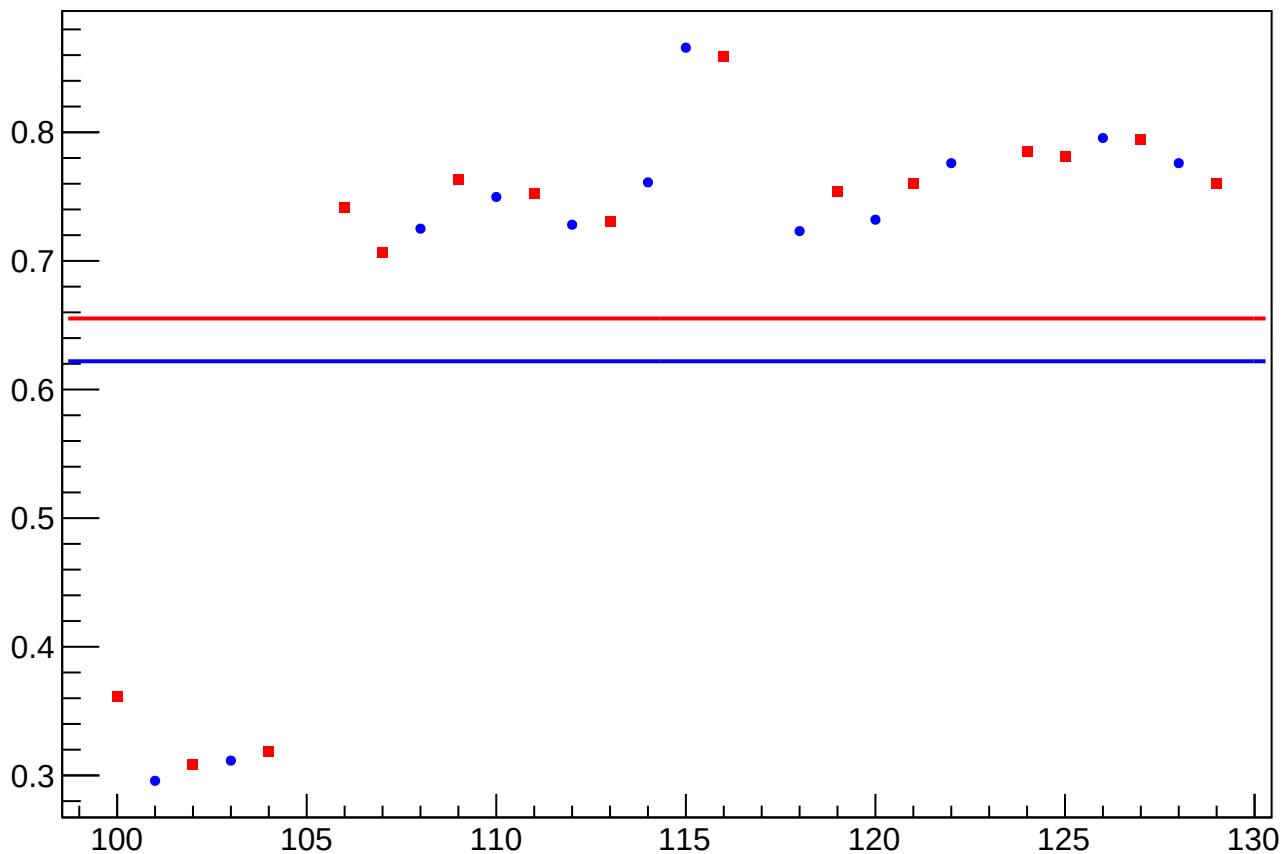
Right: 0.011+/-0.000 χ^2/NDF : 147083.7/26

In: 0.012+/-0.000 χ^2/NDF : 73964.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 147083.7/26

yield_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: 0.622+/-0.000 χ^2/NDF : 31548941305.4/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.655+/-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

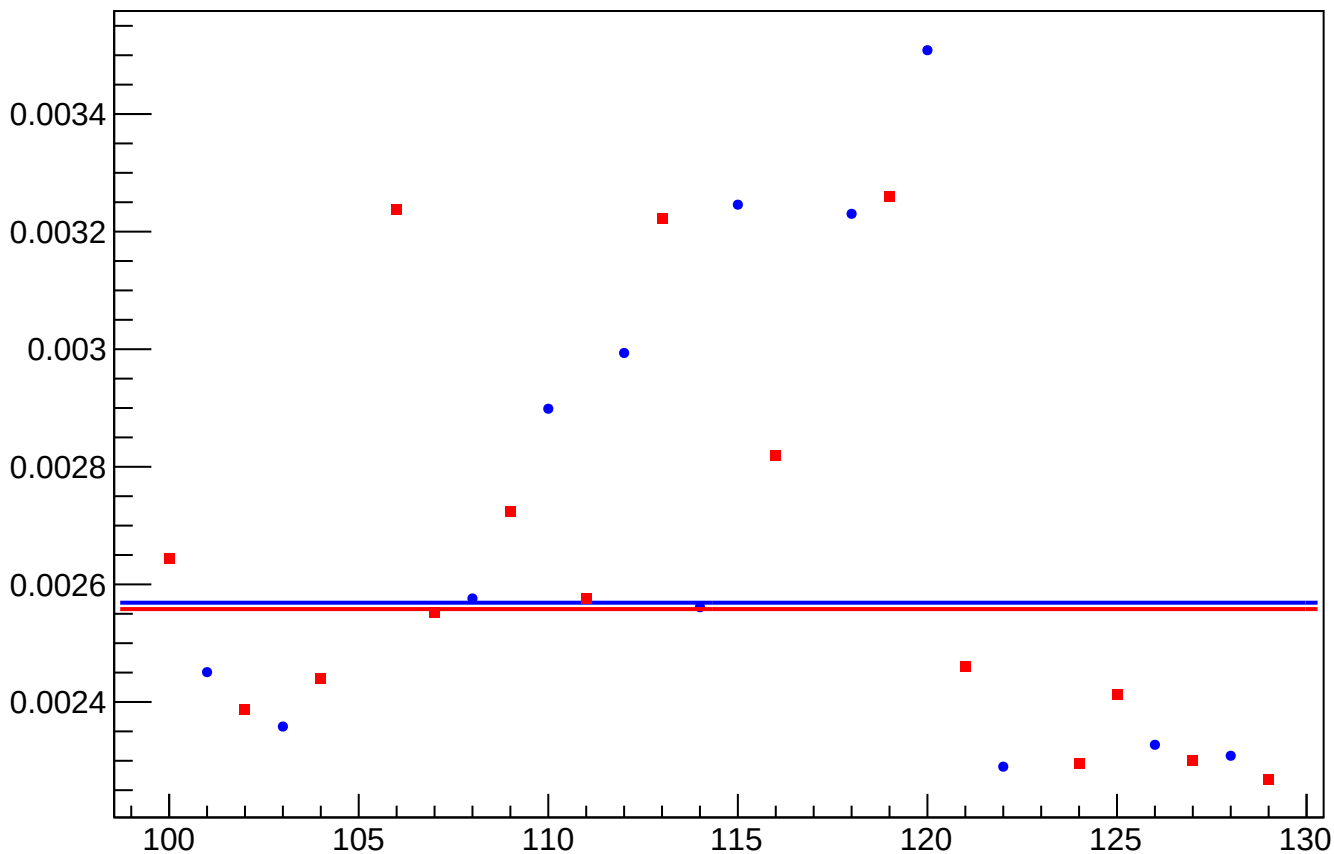
Right: 0.640+/-0.000 χ^2/NDF : 64397637867.9/26

In: 0.622+/-0.000 χ^2/NDF :31548941305.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.640+/-0.000 χ^2/NDF : 64397637867.9/26

yield_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 169647.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 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

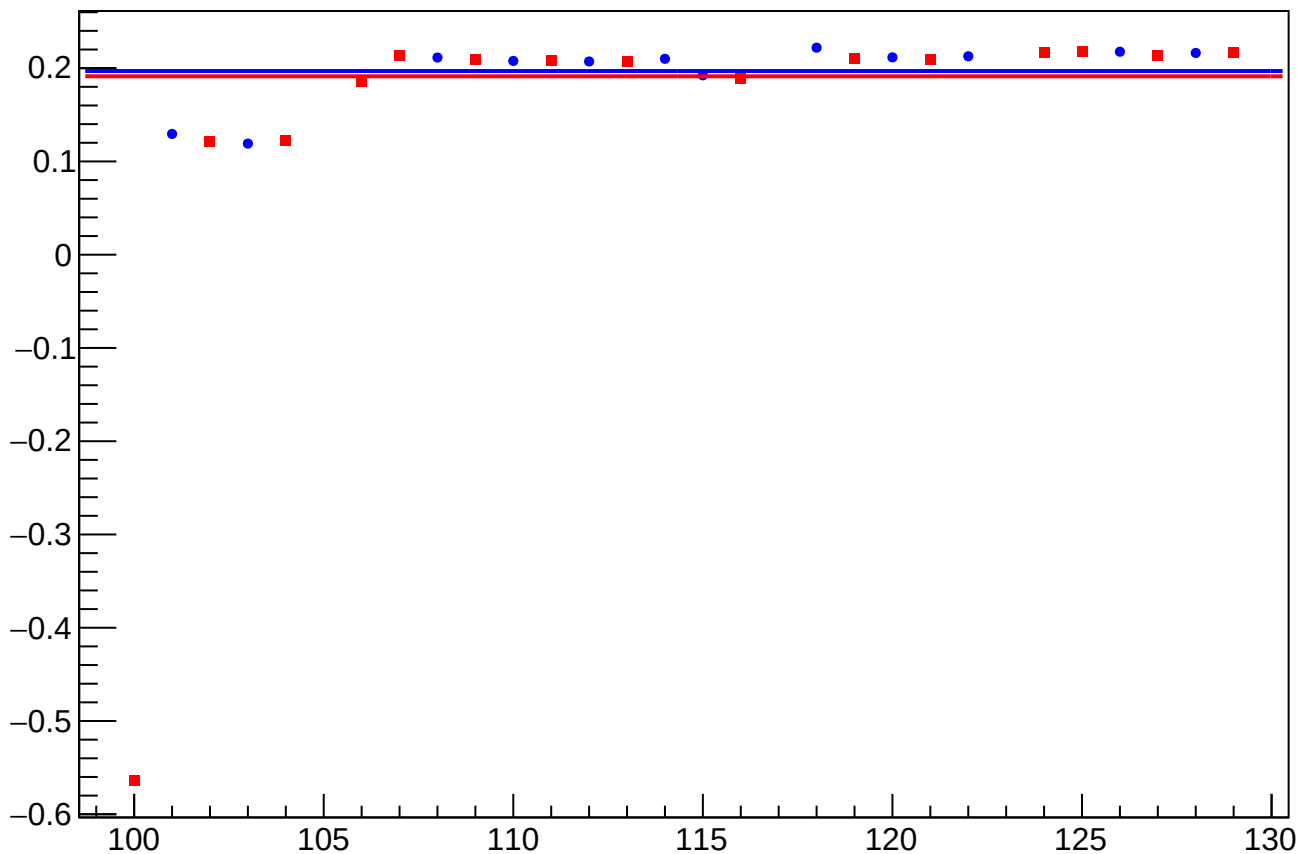
Right: 0.003+/-0.000 χ^2/NDF : 324432.5/26

In: 0.003+/-0.000 χ^2/NDF :169647.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 324432.5/26

yield_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 0.197+/-0.000 χ^2/NDF : 55101457.1/11

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

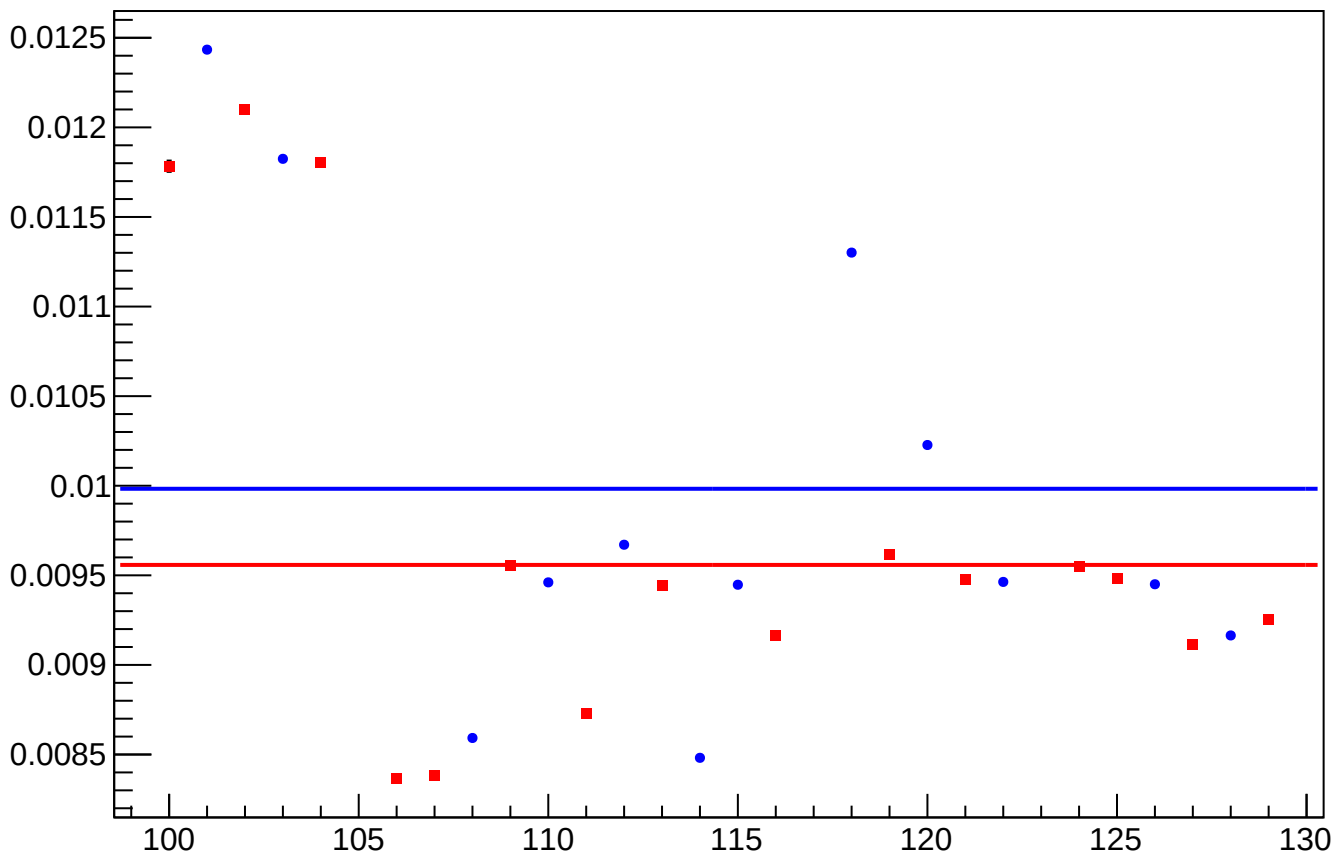
Right: 0.194+/-0.000 χ^2/NDF : 402341779.2/26

In: 0.197+/-0.000 χ^2/NDF :55101457.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.194+/-0.000 χ^2/NDF : 402341779.2/26

yield_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 136221.5/11

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

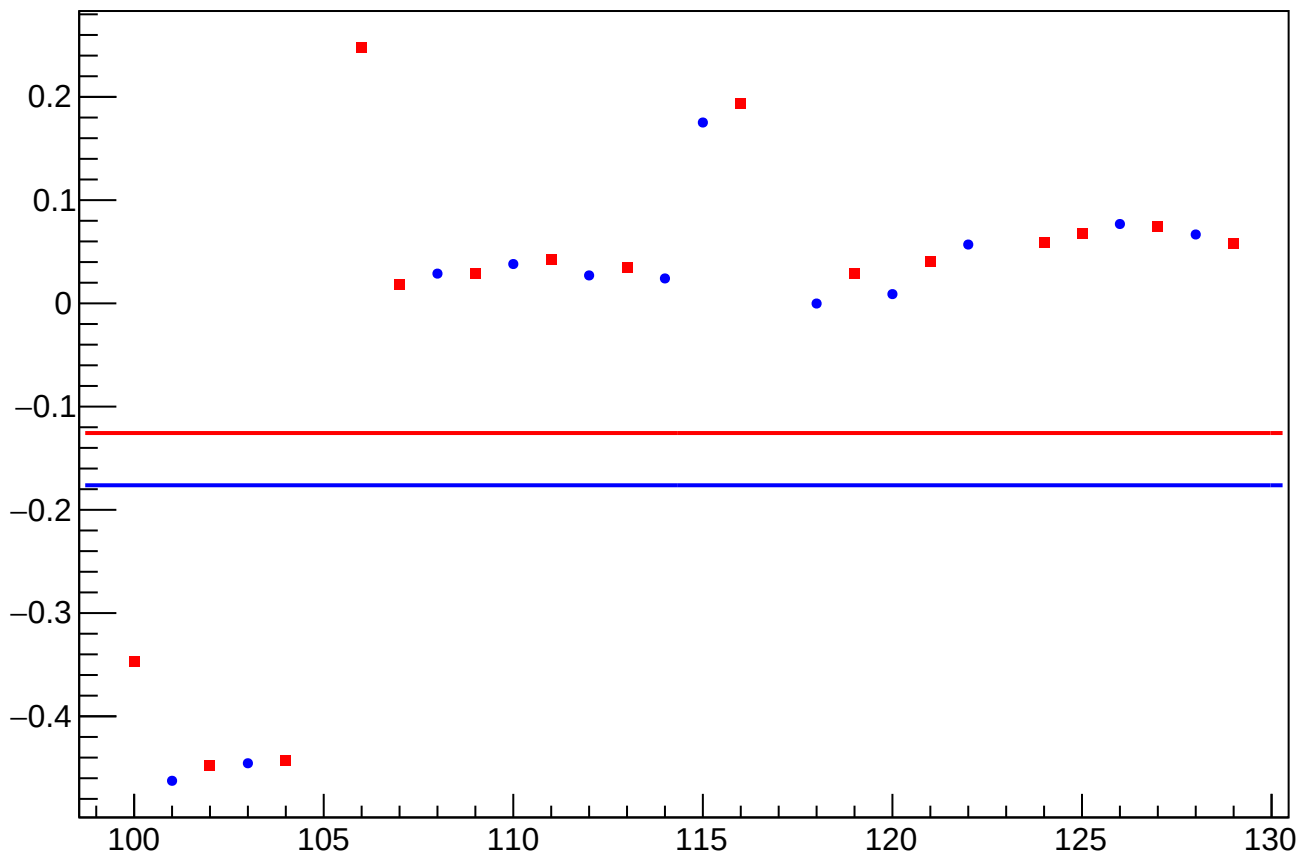
Right: 0.010+/-0.000 χ^2/NDF : 276960.9/26

In: 0.010+/-0.000 χ^2/NDF : 136221.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 276960.9/26

yield_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -0.176+/-0.000 χ^2/NDF : 13367956693.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.126+/-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

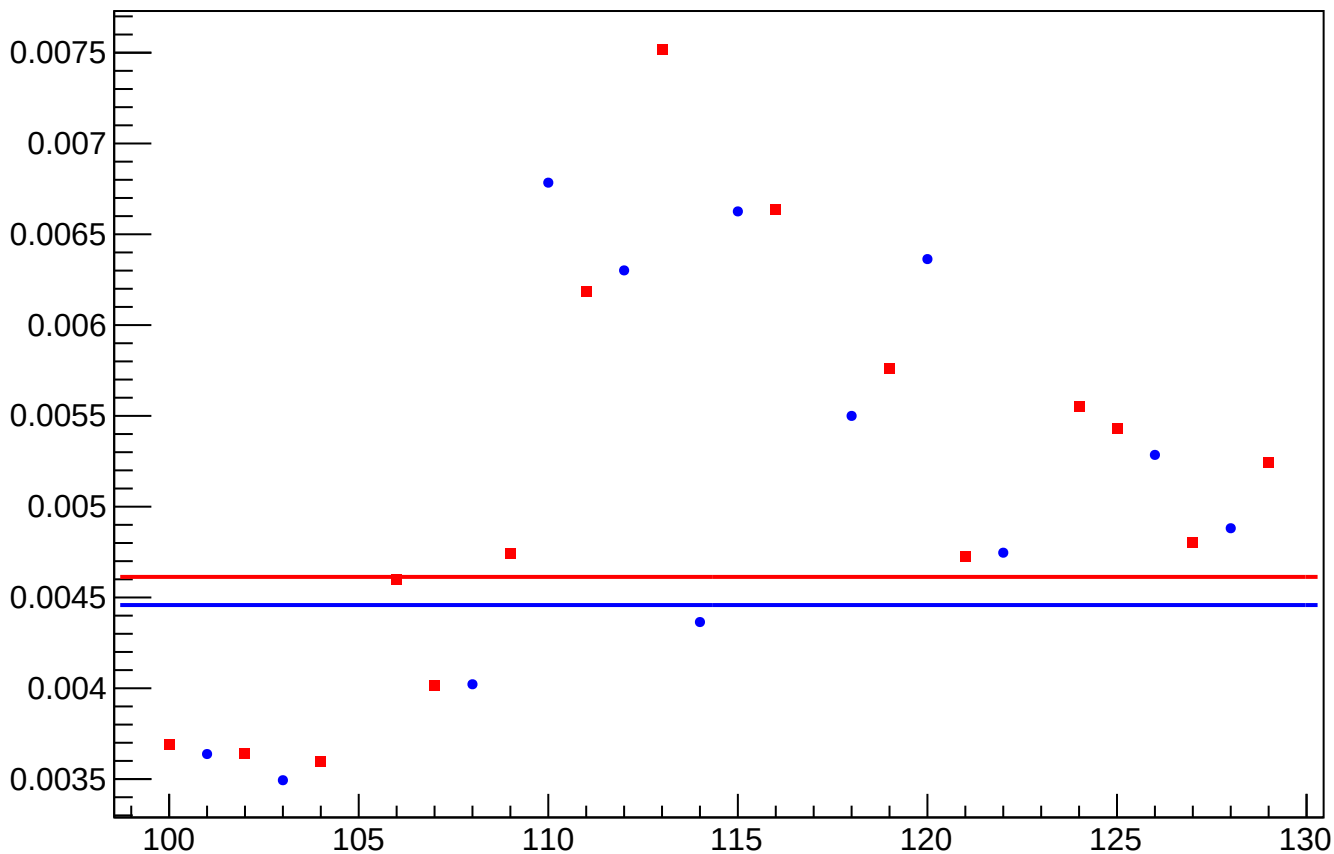
Right: -0.150+/-0.000 χ^2/NDF : 28562929410.2/26

In: -0.176+/-0.000 χ^2/NDF :13367956693.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.150+/-0.000 χ^2/NDF : 28562929410.2/26

yield_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 460291.1/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 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

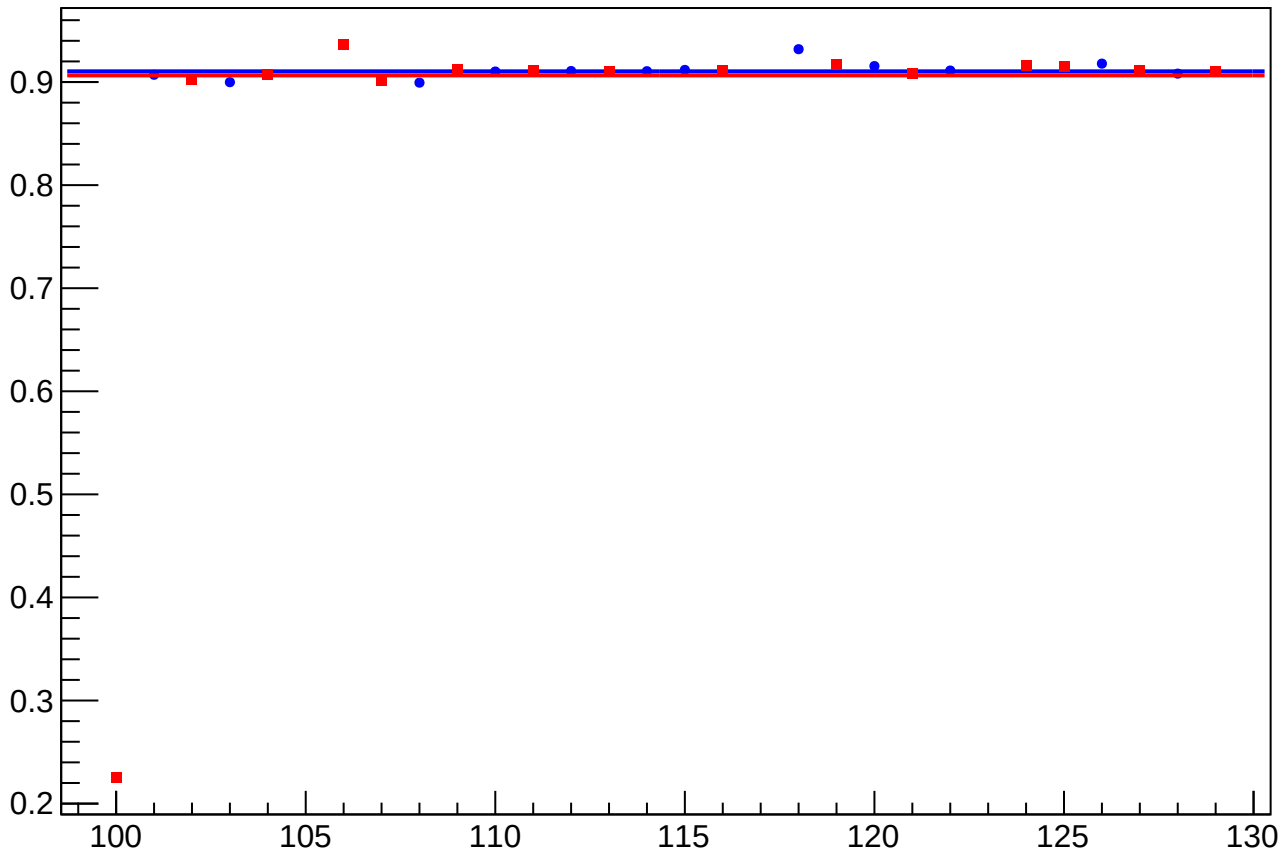
Right: 0.005+/-0.000 χ^2/NDF : 958917.5/26

In: 0.004+/-0.000 χ^2/NDF :460291.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 958917.5/26

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.910+/-0.000 χ^2/NDF : 2600460.5/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.906+/-0.000 χ^2/NDF : 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

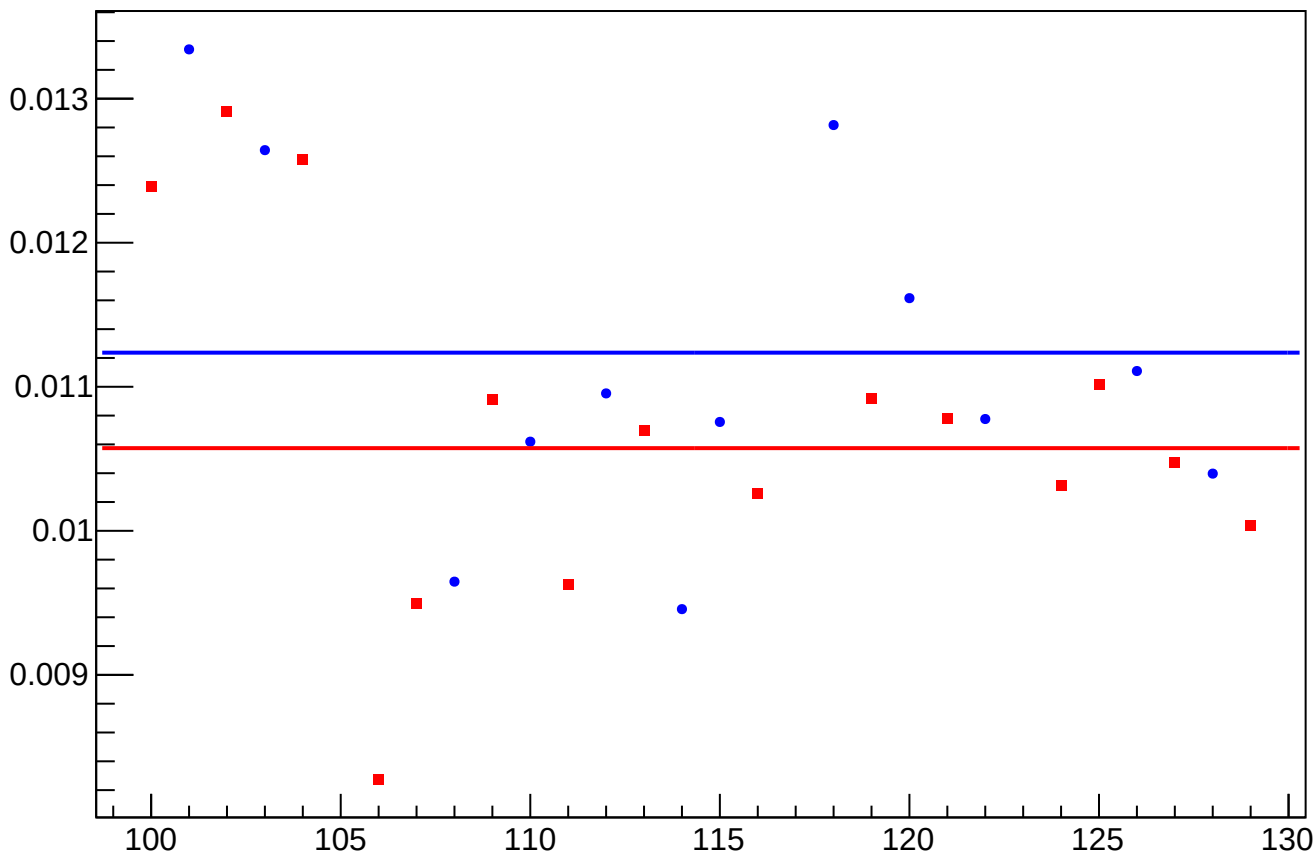
Right: 0.908+/-0.000 χ^2/NDF : 221239386.0/26

In: 0.910+/-0.000 χ^2/NDF :2600460.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.908+/-0.000 χ^2/NDF : 221239386.0/26

yield_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 102427.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 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

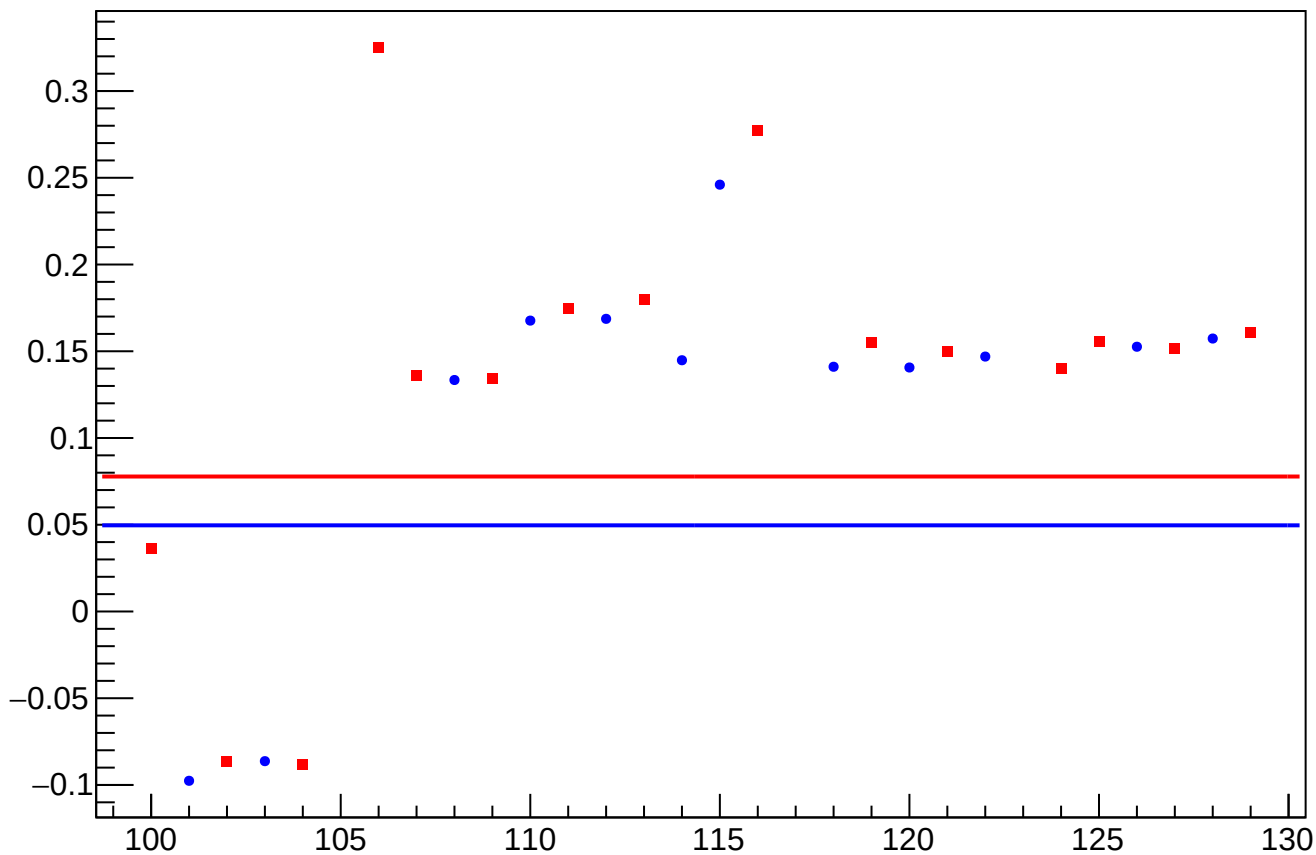
Right: 0.011+/-0.000 χ^2/NDF : 260606.5/26

In: 0.011+/-0.000 χ^2/NDF : 102427.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 260606.5/26

yield_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: 0.050+/-0.000

χ^2/NDF : 2724044534.9/11

Left Out: 0.000+/-0.000

χ^2/NDF :0.0/0

Right Out: 0.078+/-0.000

χ^2/NDF : 3320394728.2/14

Left In: 0.000+/-0.000

χ^2/NDF :0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.064+/-0.000

χ^2/NDF : 6123479974.7/26

In: 0.050+/-0.000

χ^2/NDF :2724044534.9/11

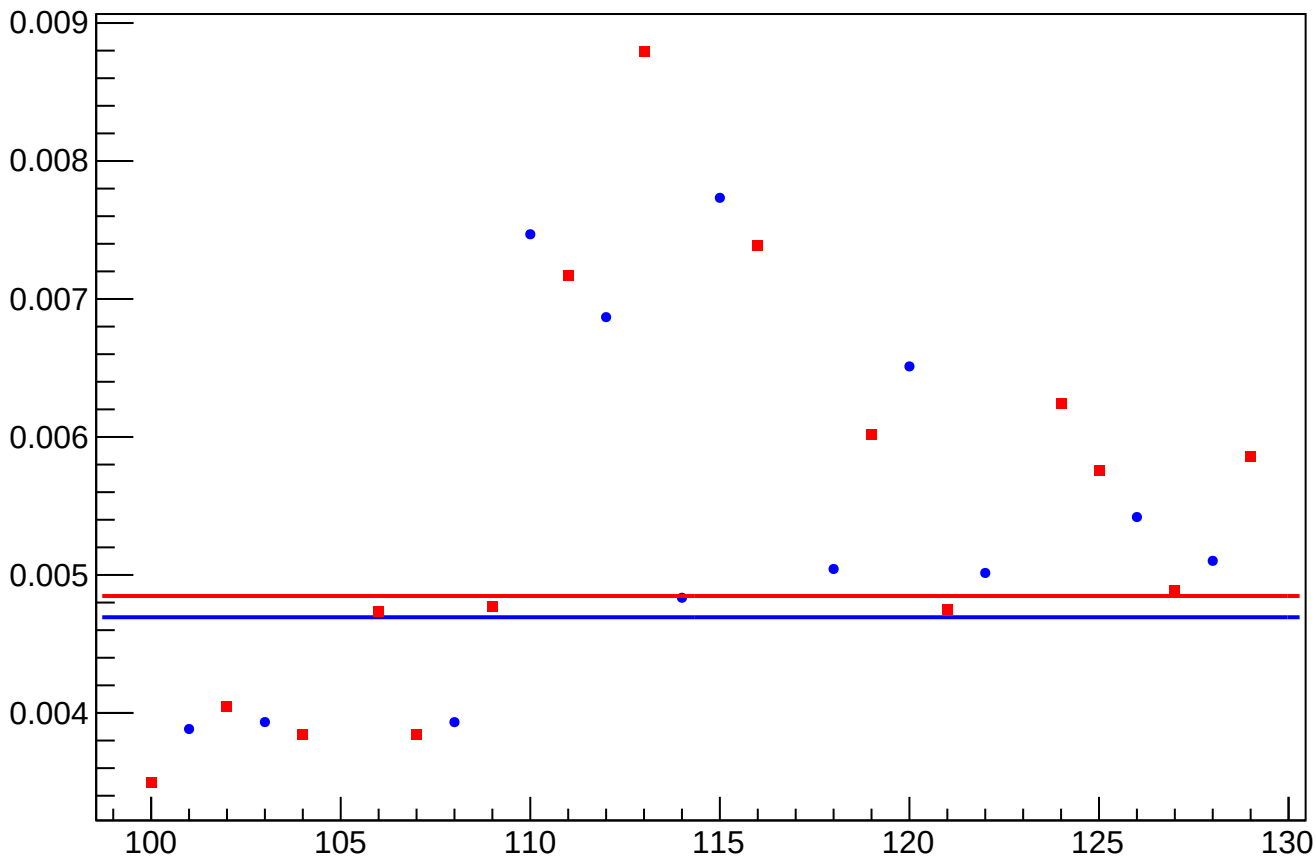
Out: 0.000+/-0.000

χ^2/NDF :0.0/0

All: 0.064+/-0.000

χ^2/NDF : 6123479974.7/26

yield_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 409917.0/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 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

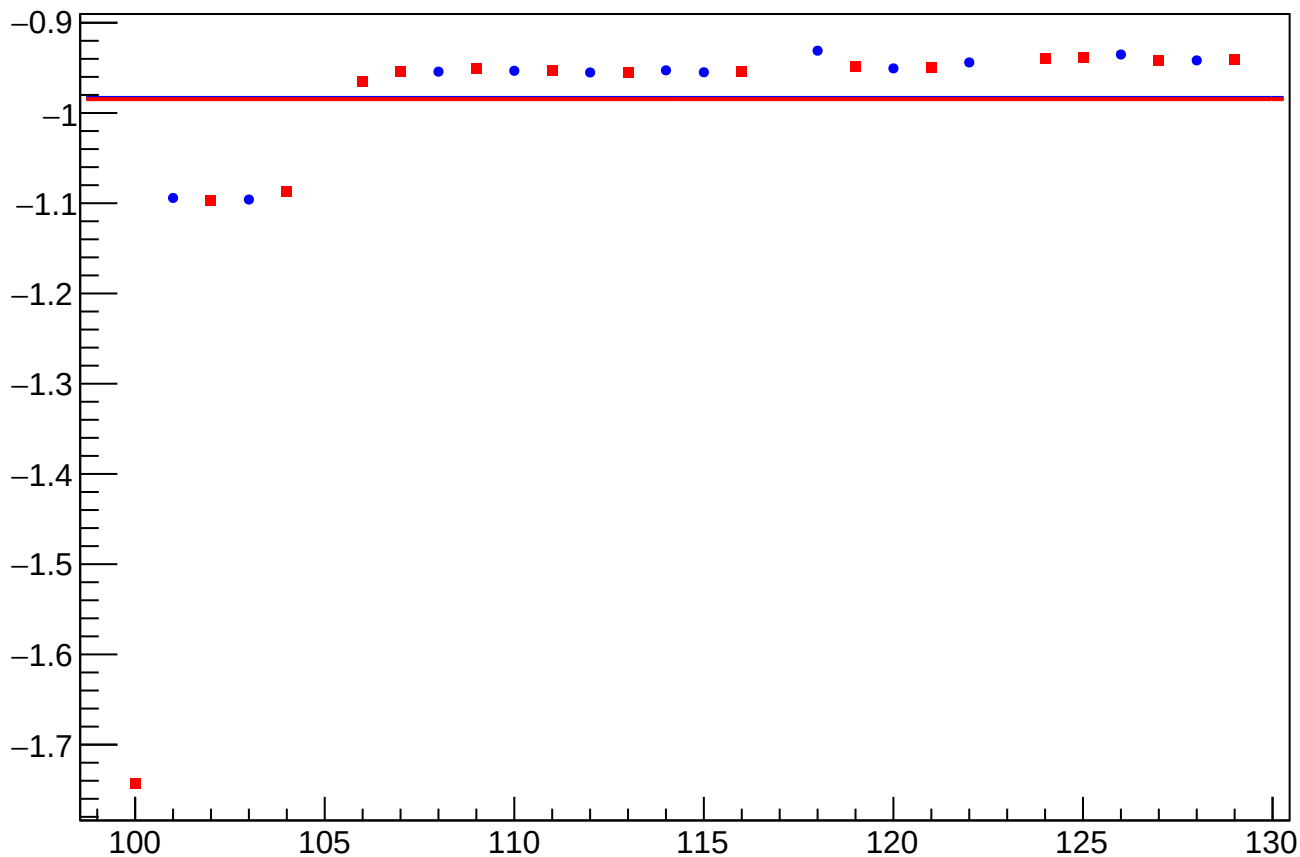
Right: 0.005+/-0.000 χ^2/NDF : 981209.9/26

In: 0.005+/-0.000 χ^2/NDF :409917.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 981209.9/26

yield_bpm0l10X_mean vs Slug, Sign Corrected



Right In: -0.983+/-0.000 χ^2/NDF : 135232054.5/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.985+/-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

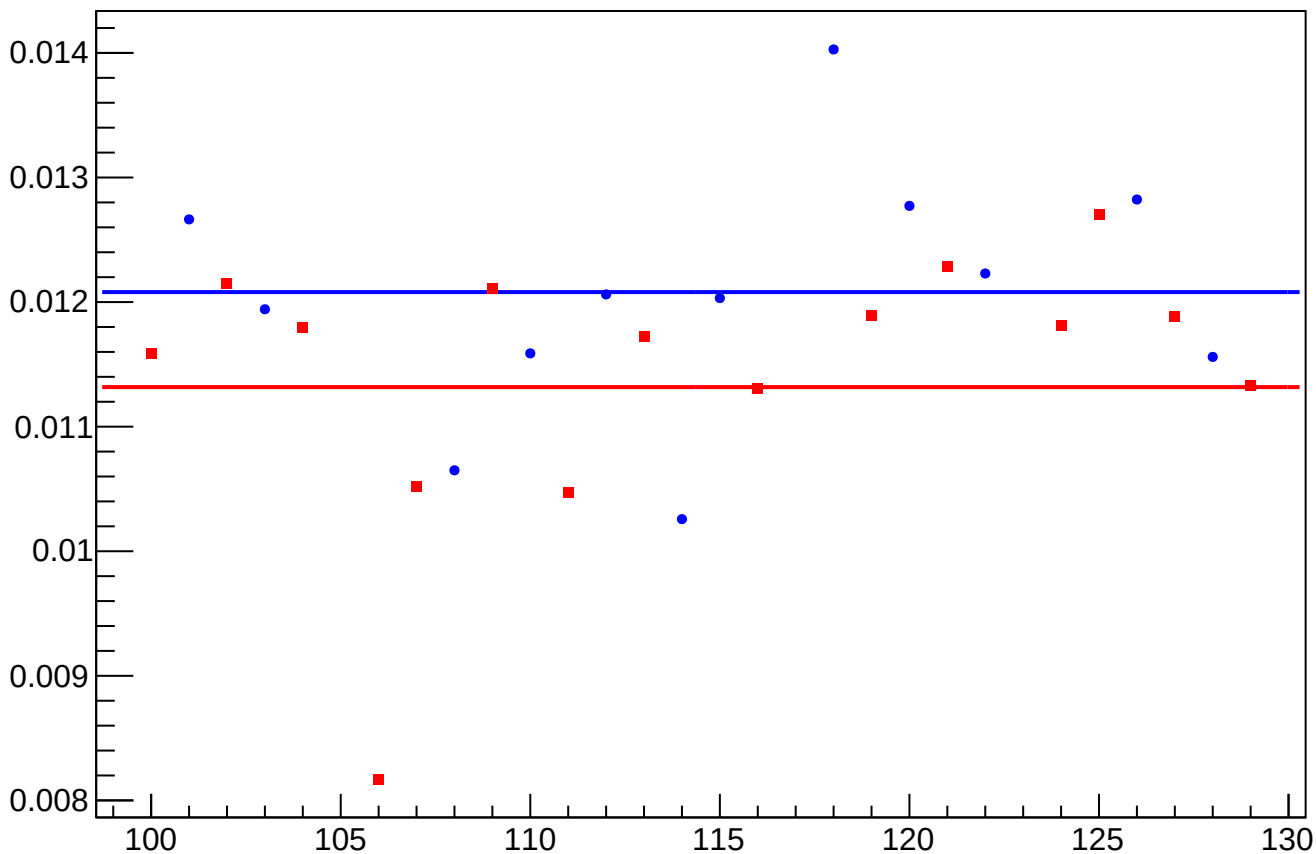
Right: -0.984+/-0.000 χ^2/NDF : 573092978.5/26

In: -0.983+/-0.000 χ^2/NDF :135232054.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.984+/-0.000 χ^2/NDF : 573092978.5/26

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 50661.0/11

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

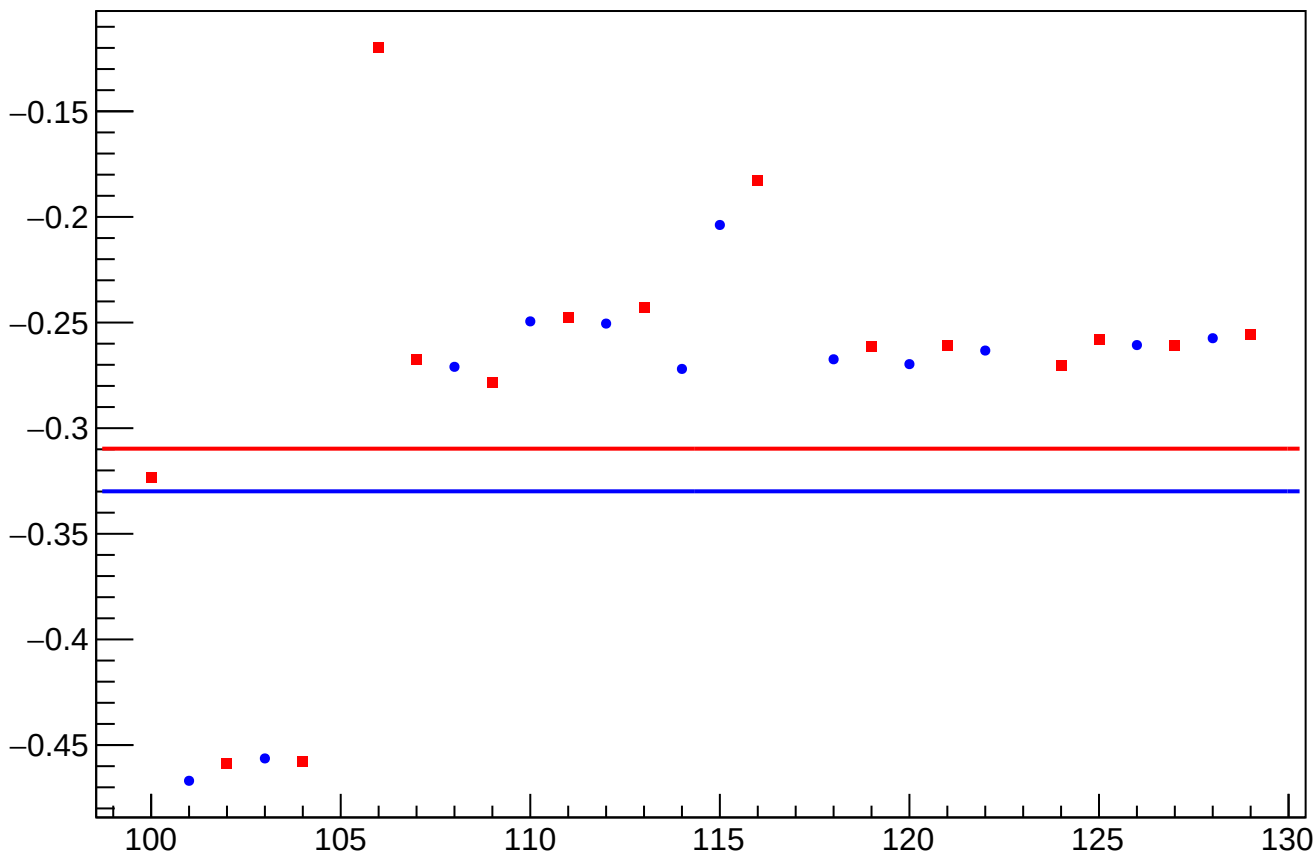
Right: 0.012+/-0.000 χ^2/NDF : 205708.2/26

In: 0.012+/-0.000 χ^2/NDF :50661.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.000 χ^2/NDF : 205708.2/26

yield_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -0.330+/-0.000 χ^2/NDF : 2405143469.8/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.310+/-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

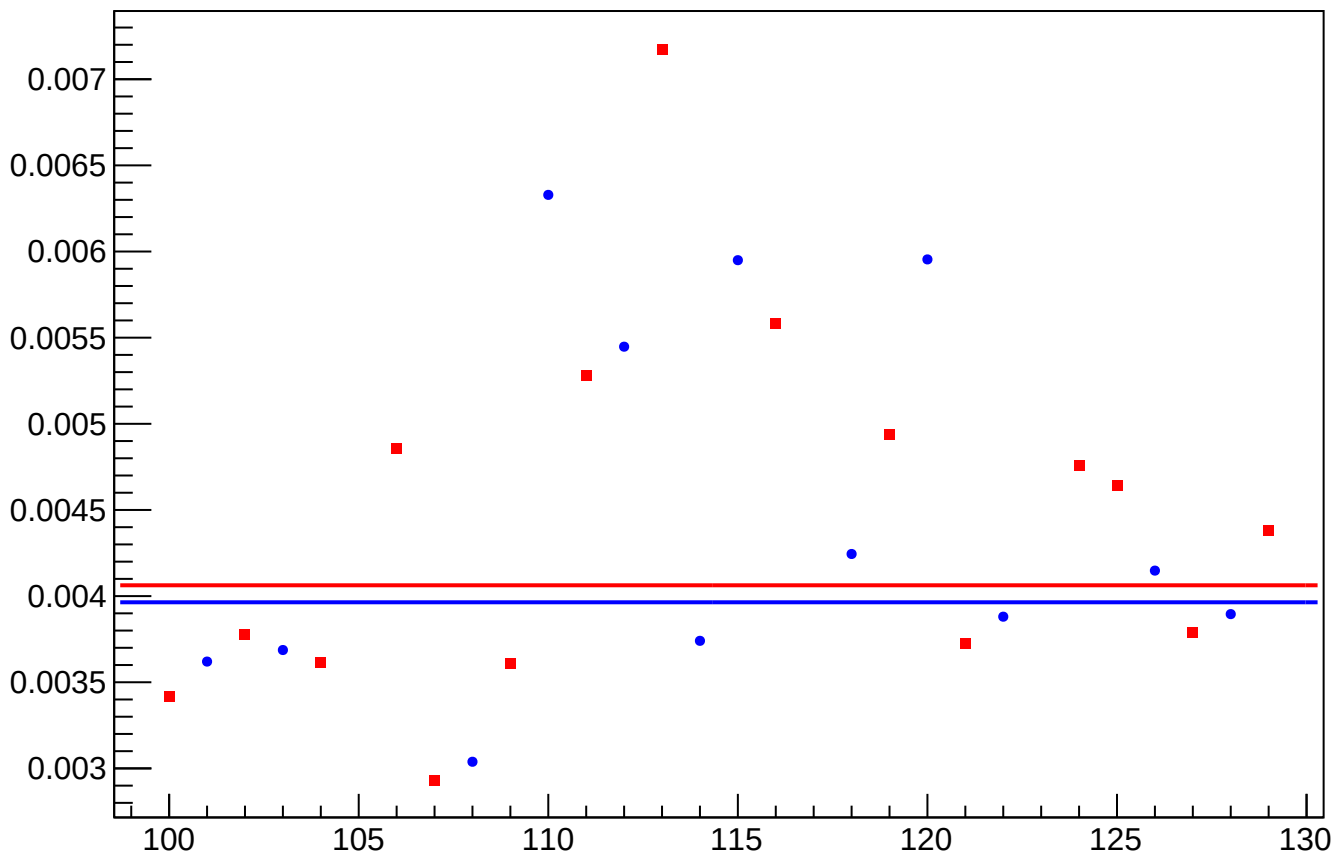
Right: -0.319+/-0.000 χ^2/NDF : 5136953258.4/26

In: -0.330+/-0.000 χ^2/NDF :2405143469.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.319+/-0.000 χ^2/NDF : 5136953258.4/26

yield_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 342538.5/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 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

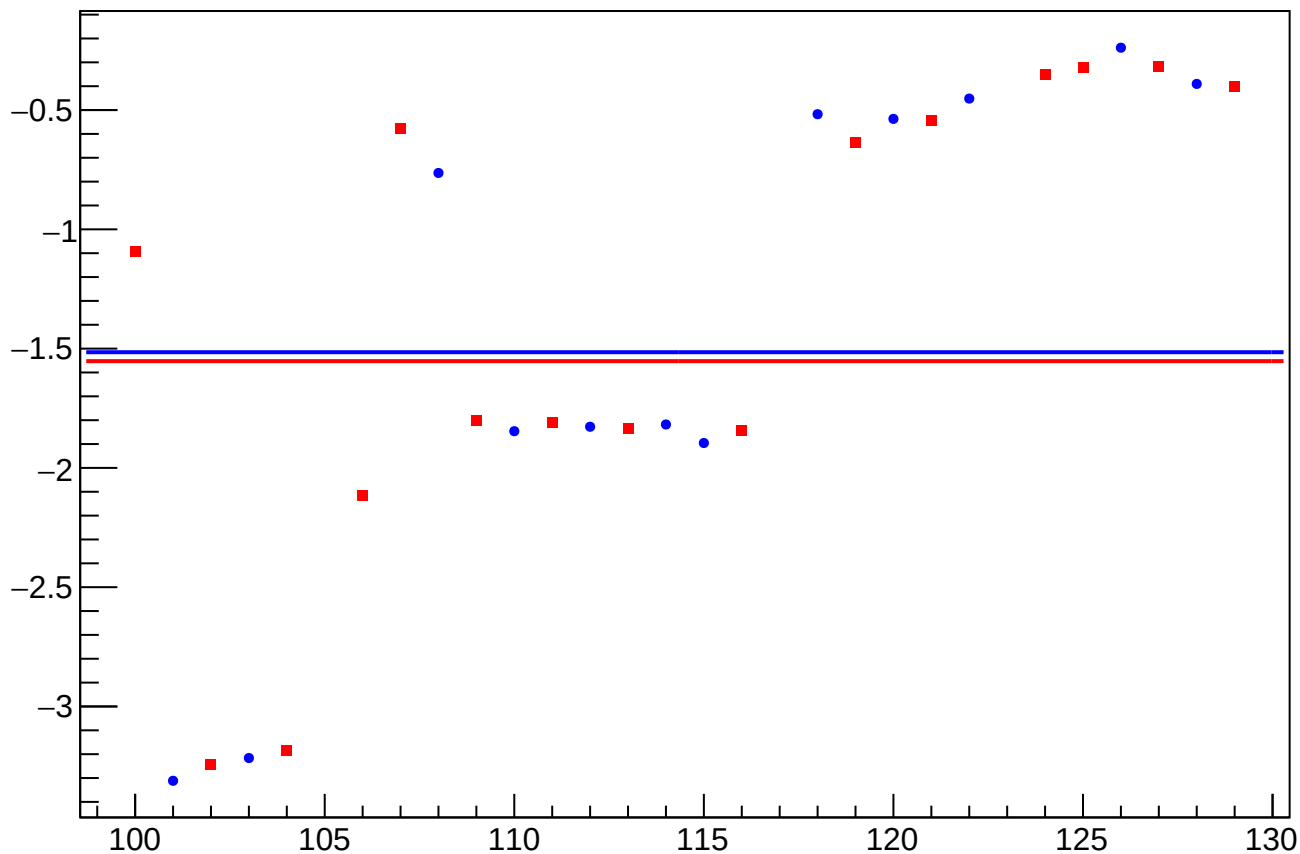
Right: 0.004+/-0.000 χ^2/NDF : 764585.2/26

In: 0.004+/-0.000 χ^2/NDF :342538.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 764585.2/26

yield_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -1.515+/-0.000 χ^2/NDF : 1269616924.1/11

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

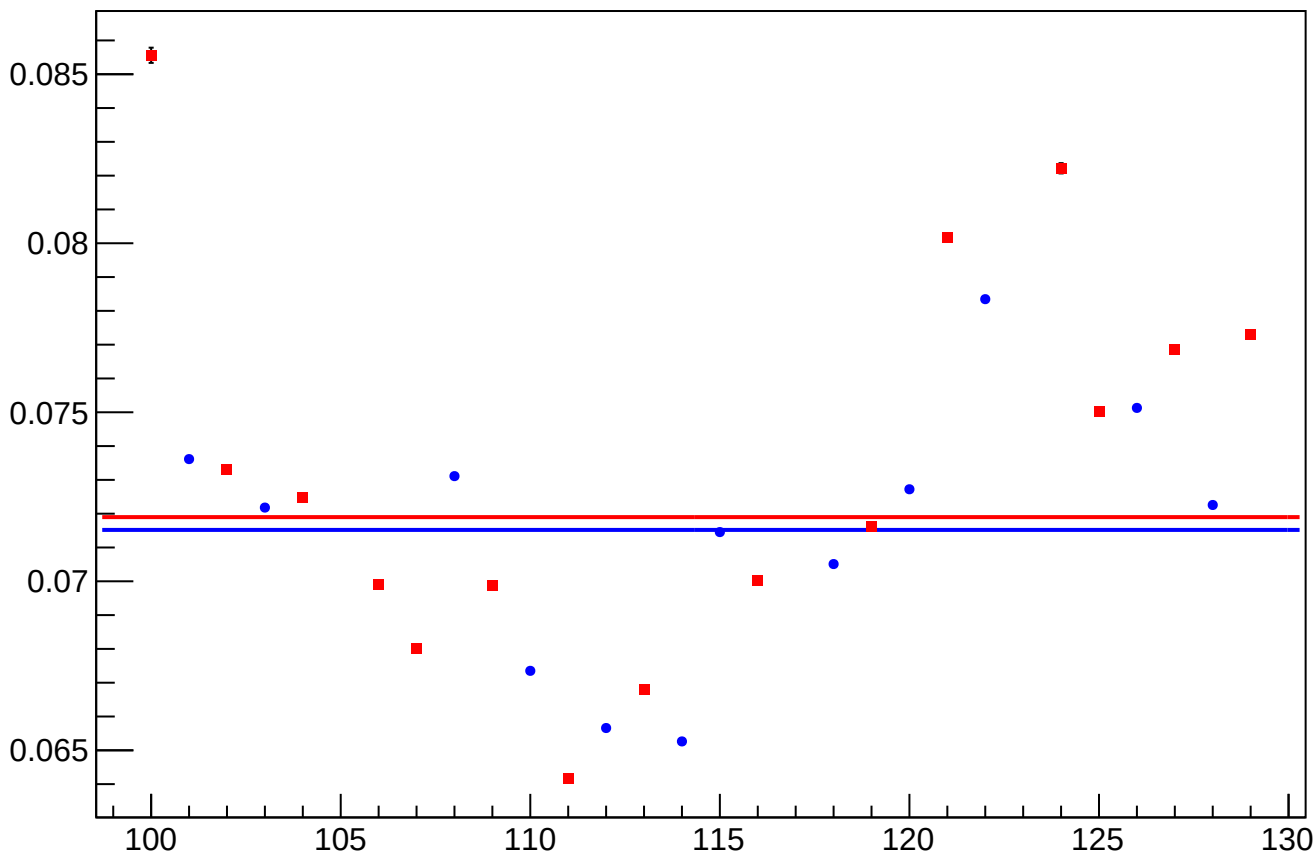
Right: -1.535+/-0.000 χ^2/NDF : 2452889804.5/26

In: -1.515+/-0.000 χ^2/NDF : 1269616924.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.535+/-0.000 χ^2/NDF : 2452889804.5/26

yield_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 0.072+/-0.000 χ^2/NDF : 22926.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.072+/-0.000 χ^2/NDF : 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

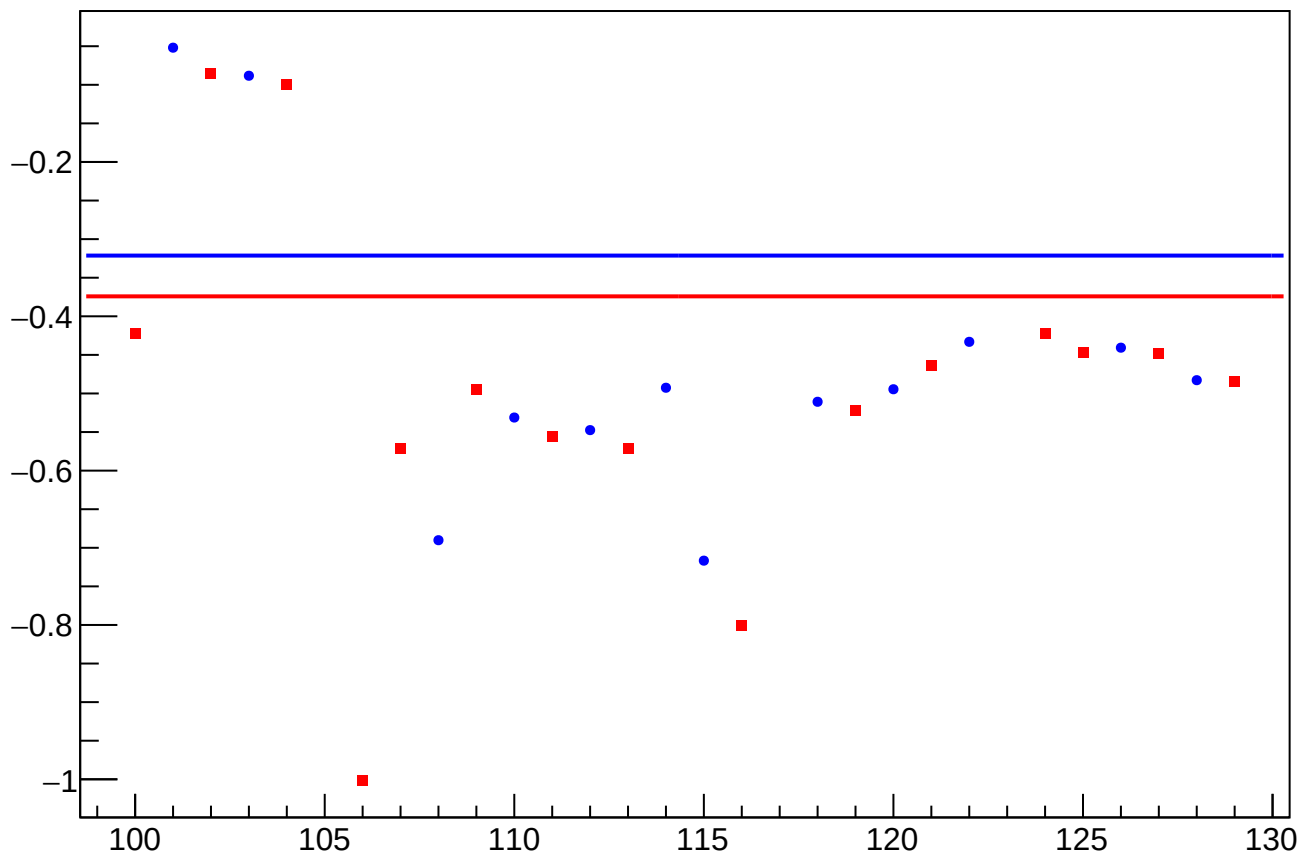
Right: 0.072+/-0.000 χ^2/NDF : 71345.6/26

In: 0.072+/-0.000 χ^2/NDF : 22926.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.072+/-0.000 χ^2/NDF : 71345.6/26

yield_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: -0.321+/-0.000 χ^2/NDF : 1831071311.6/11

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

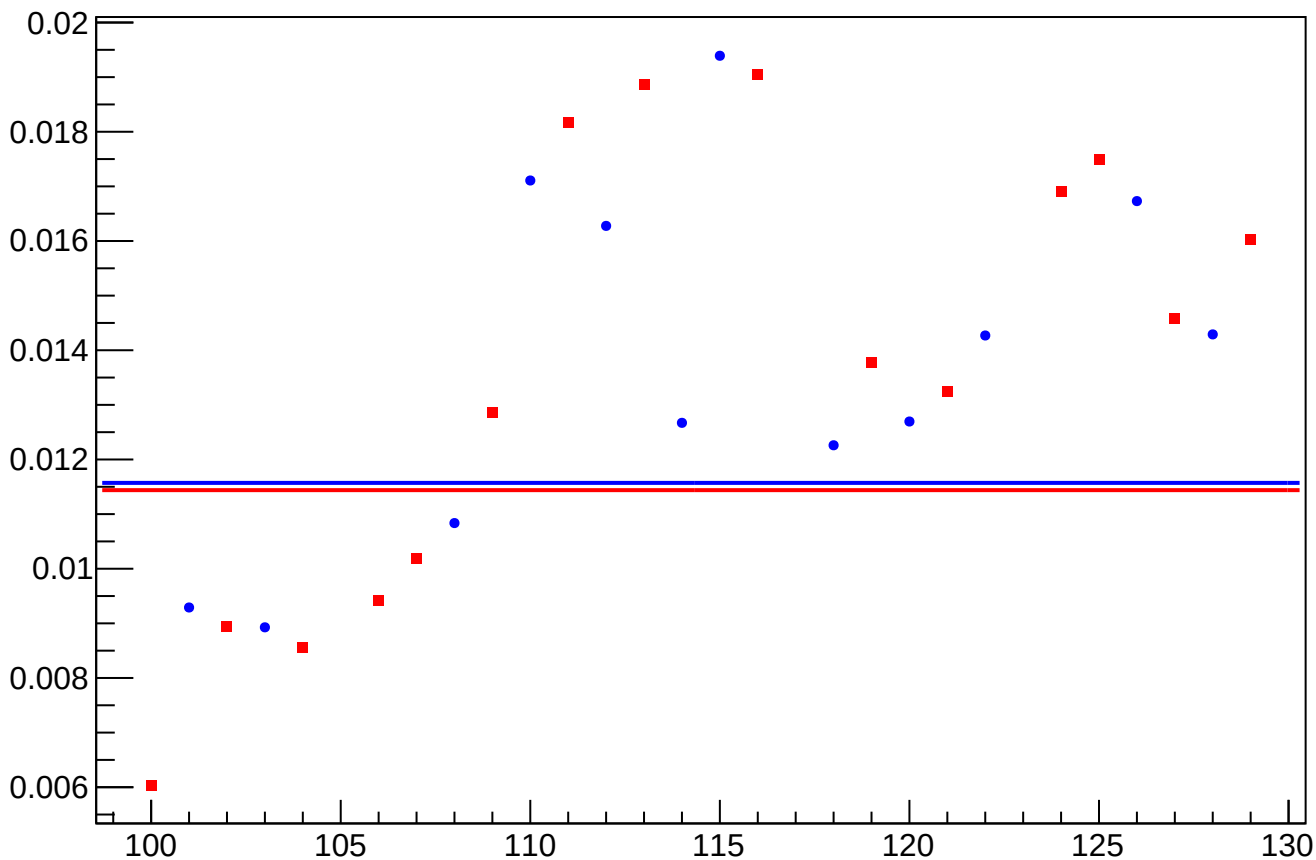
Right: -0.350+/-0.000 χ^2/NDF : 4390065560.1/26

In: -0.321+/-0.000 χ^2/NDF : 1831071311.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.350+/-0.000 χ^2/NDF : 4390065560.1/26

yield_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 491126.2/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 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

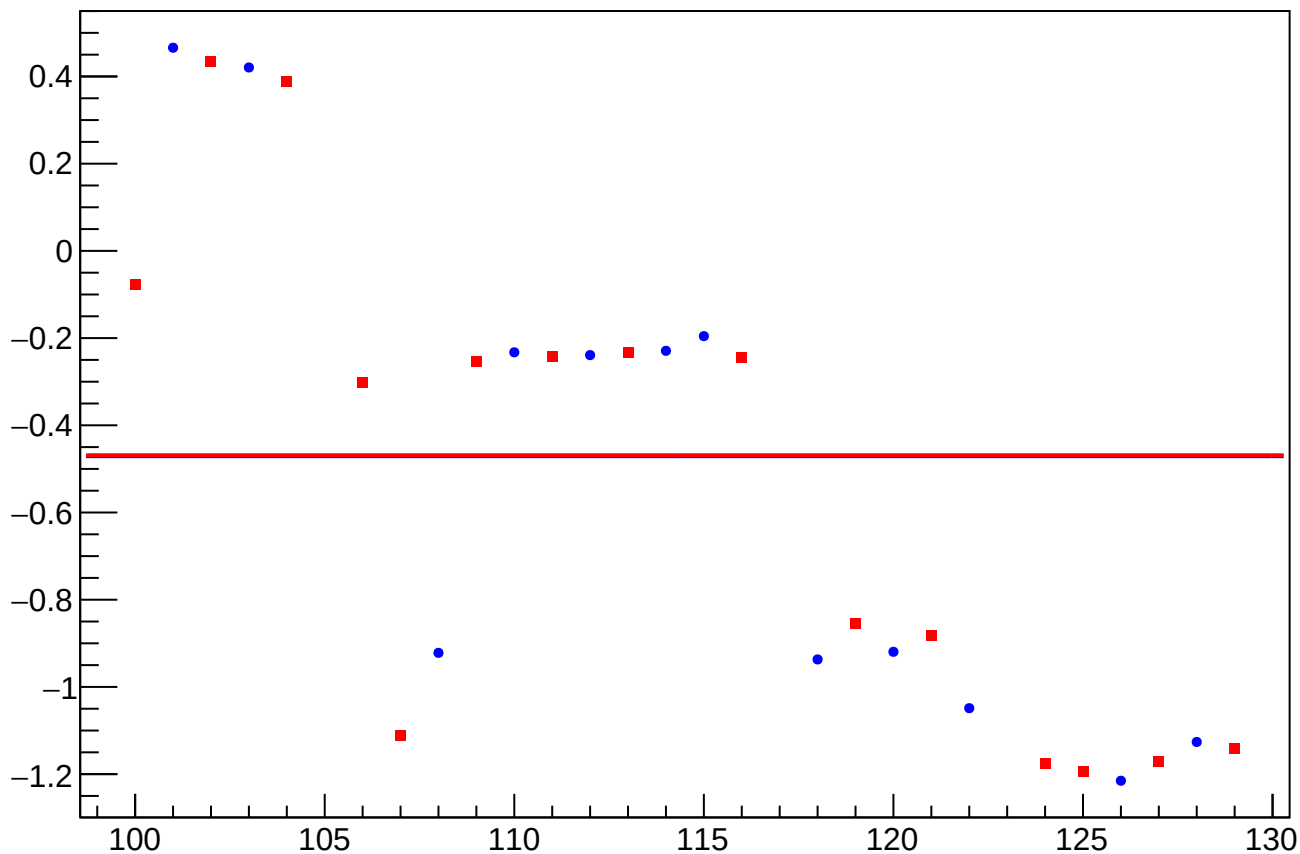
Right: 0.012+/-0.000 χ^2/NDF : 1408471.5/26

In: 0.012+/-0.000 χ^2/NDF :491126.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.000 χ^2/NDF : 1408471.5/26

yield_bpm0r05X_mean vs Slug, Sign Corrected



Right In: -0.471+/-0.000 χ^2/NDF : 251300300.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.469+/-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

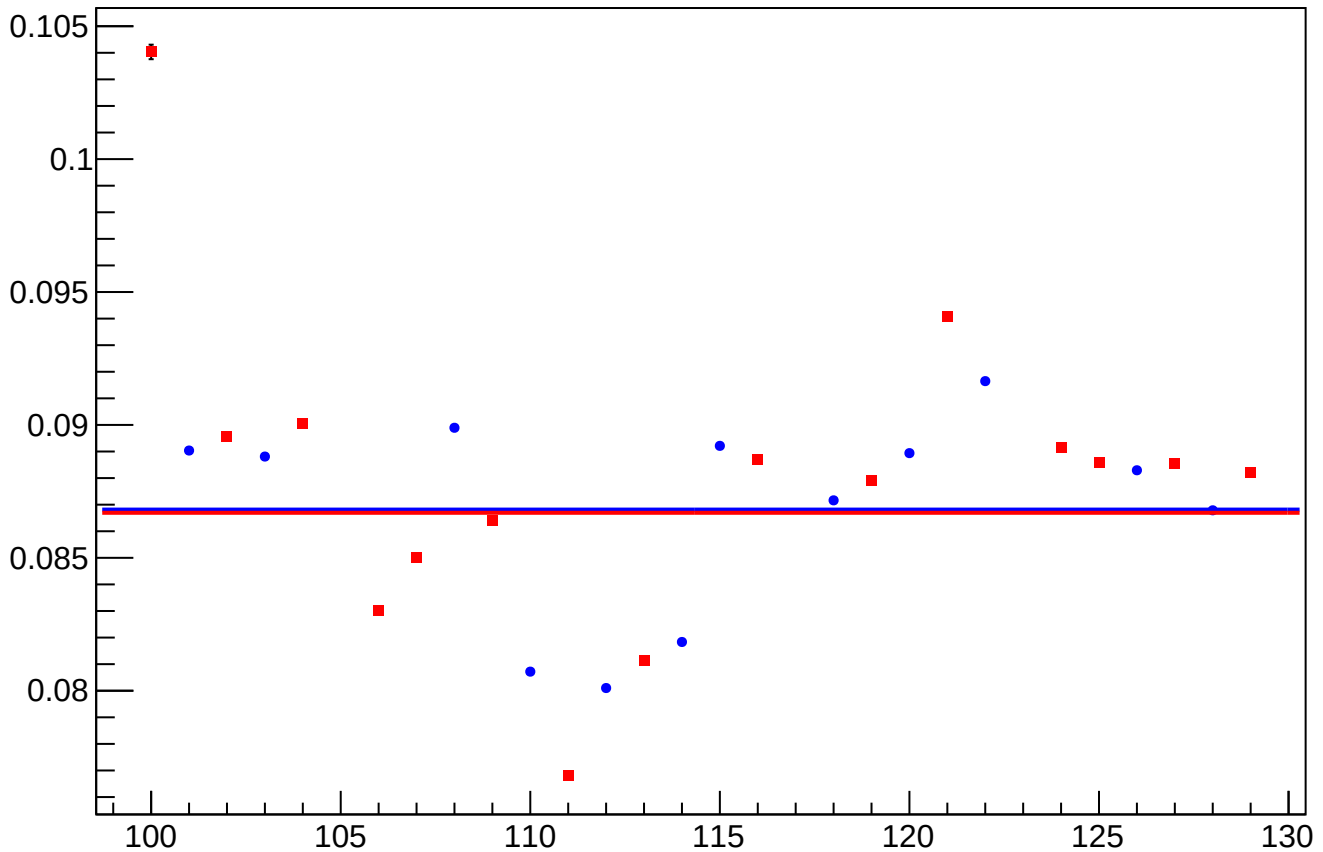
Right: -0.470+/-0.000 χ^2/NDF : 497636148.1/26

In: -0.471+/-0.000 χ^2/NDF :251300300.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.470+/-0.000 χ^2/NDF : 497636148.1/26

yield_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 0.087+/-0.000 χ^2/NDF : 17630.8/11

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

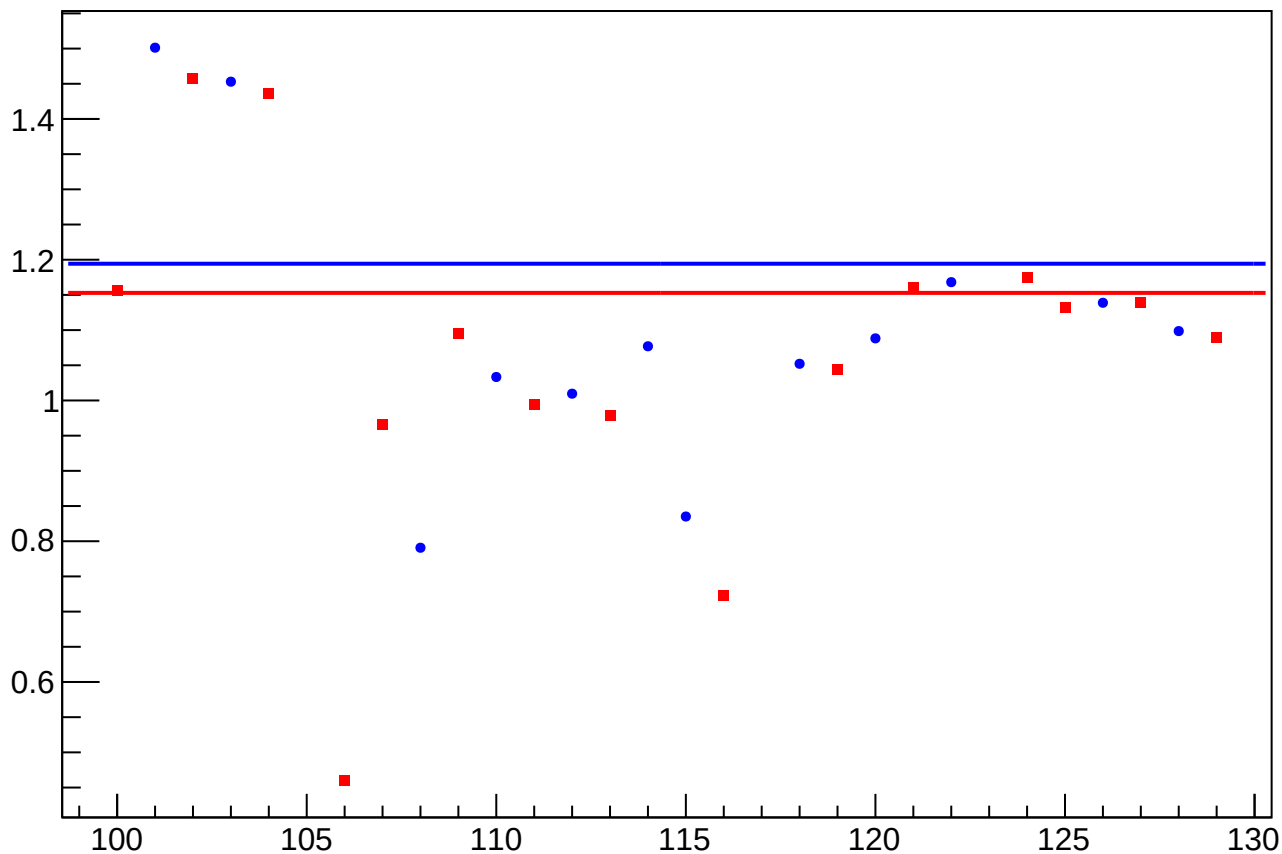
Right: 0.087+/-0.000 χ^2/NDF : 52109.4/26

In: 0.087+/-0.000 χ^2/NDF : 17630.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.087+/-0.000 χ^2/NDF : 52109.4/26

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.194+/-0.000

χ^2/NDF : 1069434996.4/11

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 1.173+/-0.000

χ^2/NDF : 2494142727.0/26

Right Out: 1.153+/-0.000

χ^2/NDF : 1407852792.9/14

In: 1.194+/-0.000

χ^2/NDF : 1069434996.4/11

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

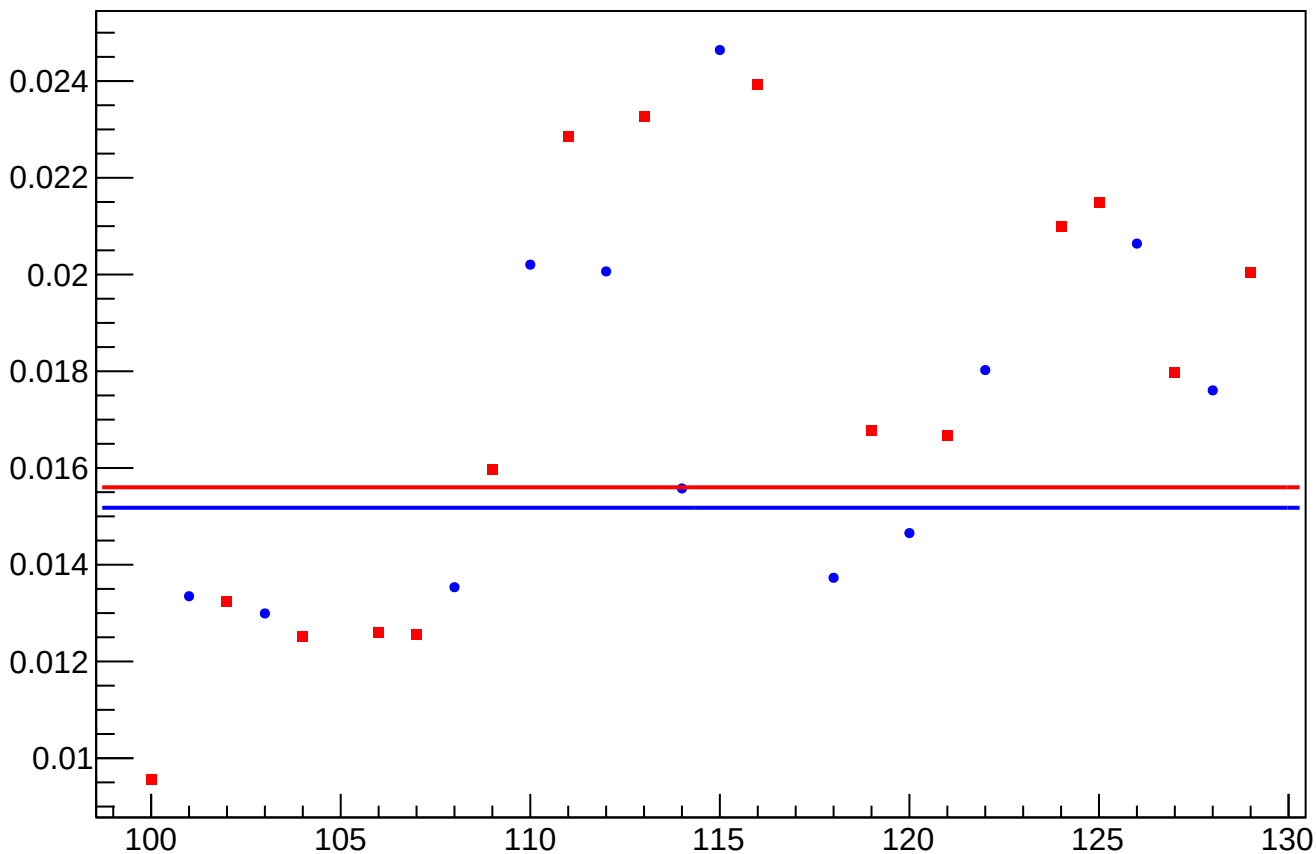
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.173+/-0.000

χ^2/NDF : 2494142727.0/26

yield_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 286715.3/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.016+/-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

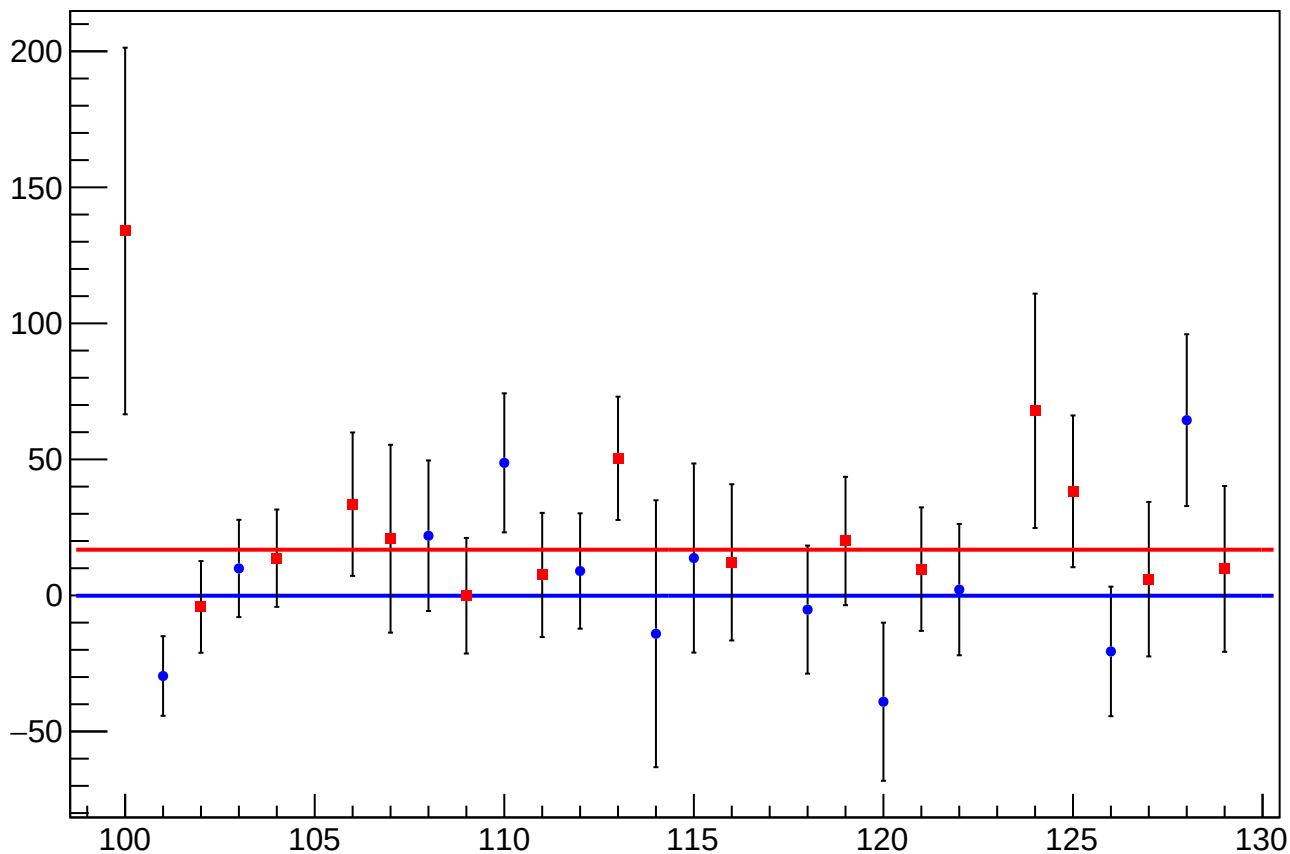
Right: 0.015+/-0.000 χ^2/NDF : 846089.1/26

In: 0.015+/-0.000 χ^2/NDF :286715.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.000 χ^2/NDF : 846089.1/26

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.113 $\pm$ 6.807 χ^2/NDF : 15.9/11

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

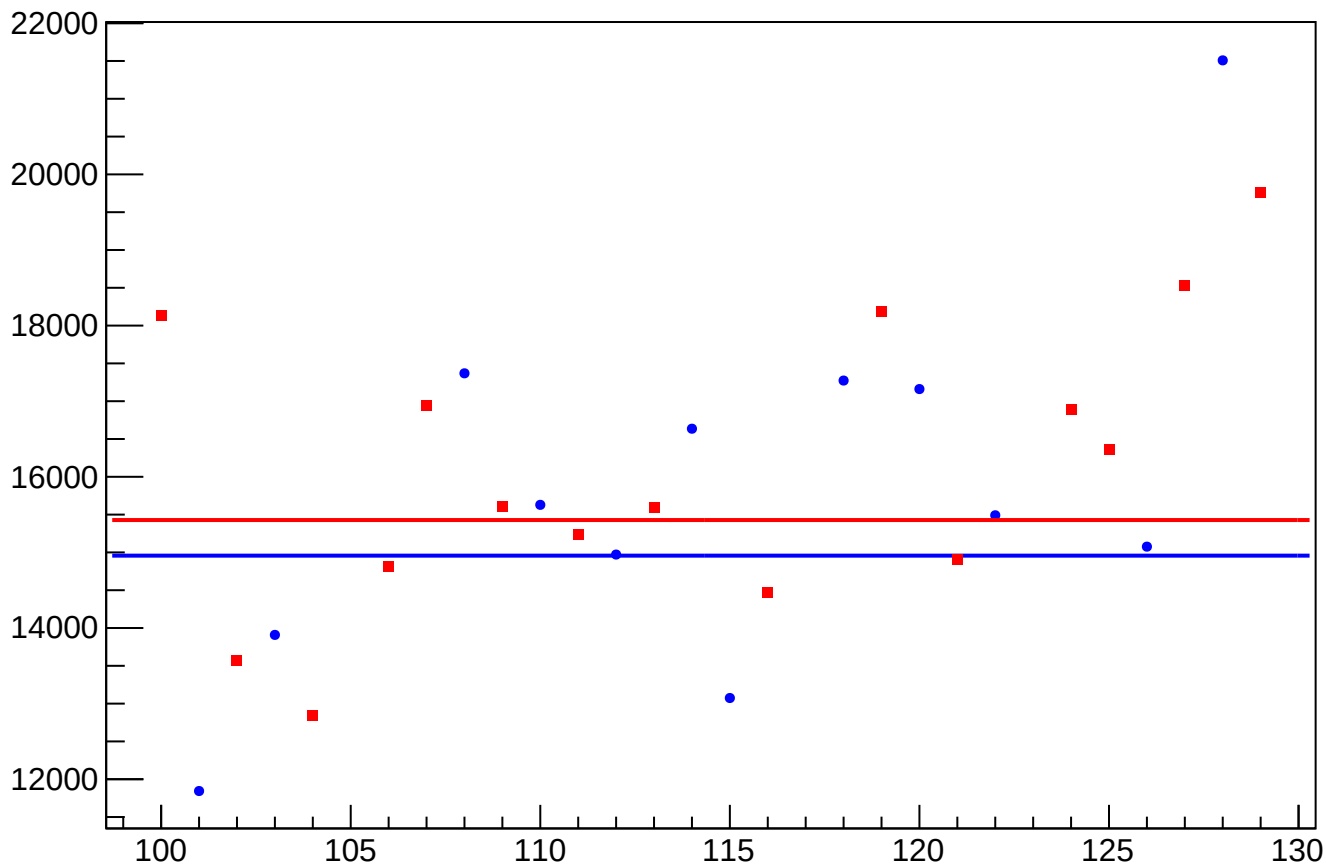
Right: 8.849 $\pm$ 4.667 χ^2/NDF : 29.5/26

In: -0.113 $\pm$ 6.807 χ^2/NDF : 15.9/11

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 8.849 $\pm$ 4.667 χ^2/NDF : 29.5/26

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 14957.212+/-4.813 χ^2/NDF : 240309.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

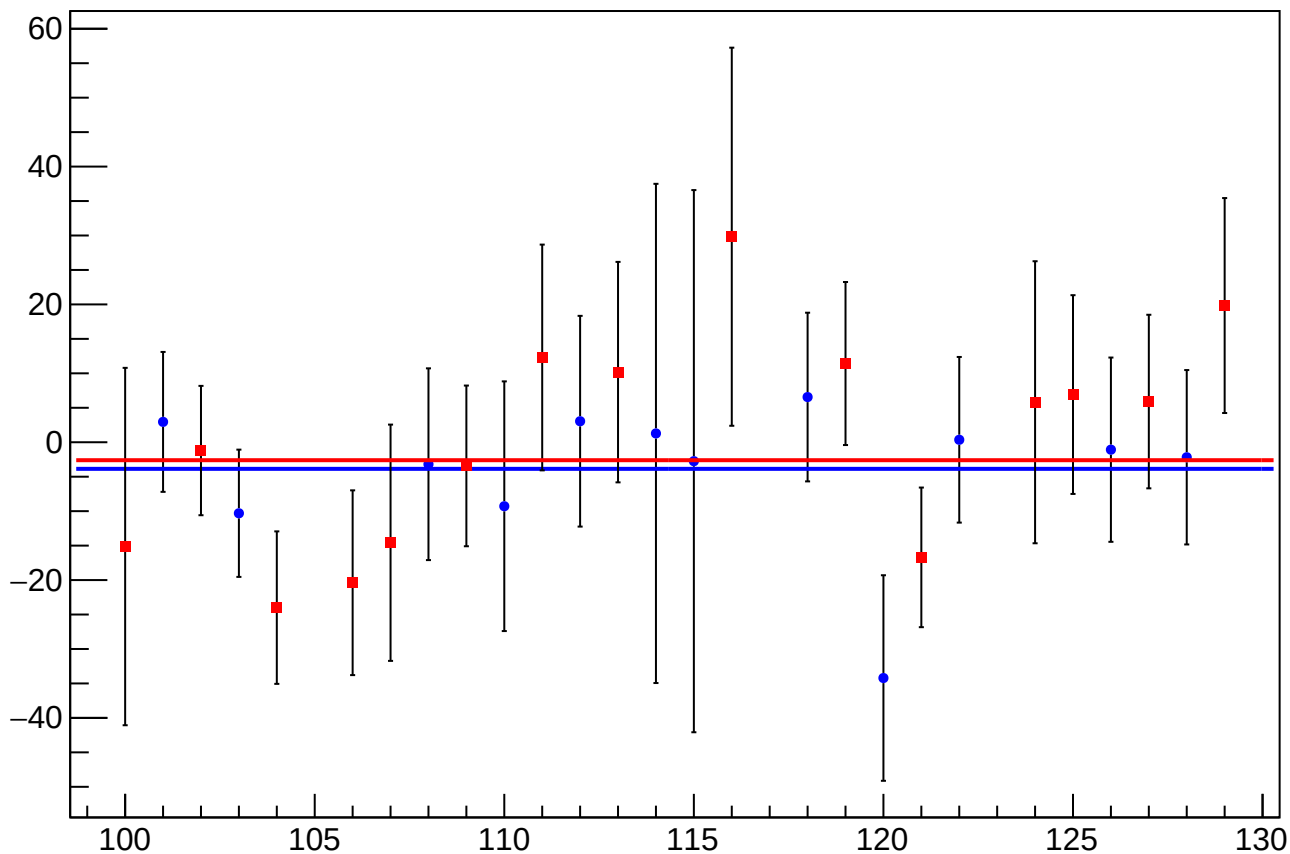
Right: 15206.671+/-3.300 χ^2/NDF : 419084.6/26

In: 14957.212+/-4.813 χ^2/NDF : 240309.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15206.671+/-3.300 χ^2/NDF : 419084.6/26

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -3.861+/-3.914 χ^2/NDF : 6.3/11

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

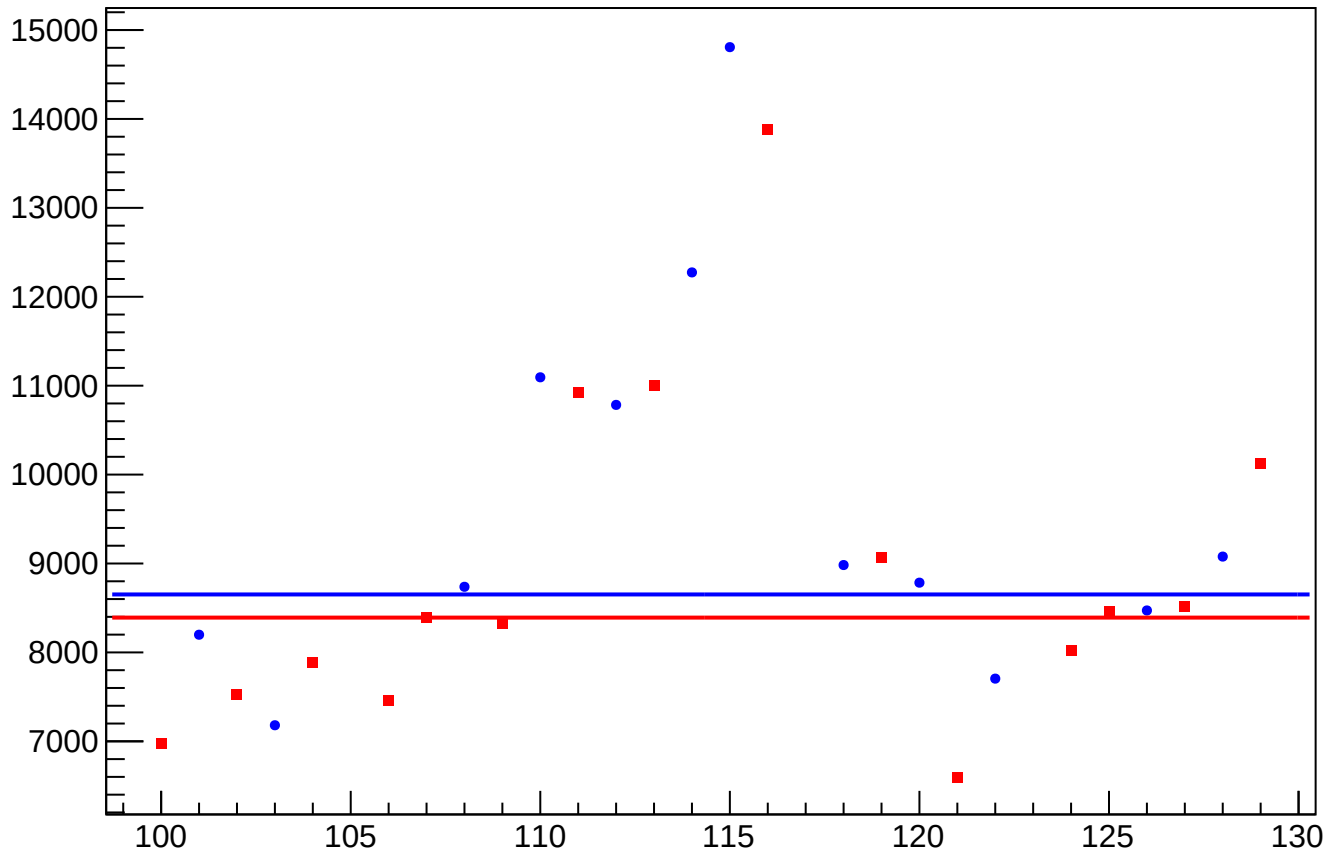
Right: -3.167+/-2.616 χ^2/NDF : 21.9/26

In: -3.861+/-3.914 χ^2/NDF :6.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.167+/-2.616 χ^2/NDF : 21.9/26

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8651.888+/-2.768 χ^2/NDF : 215687.0/11

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

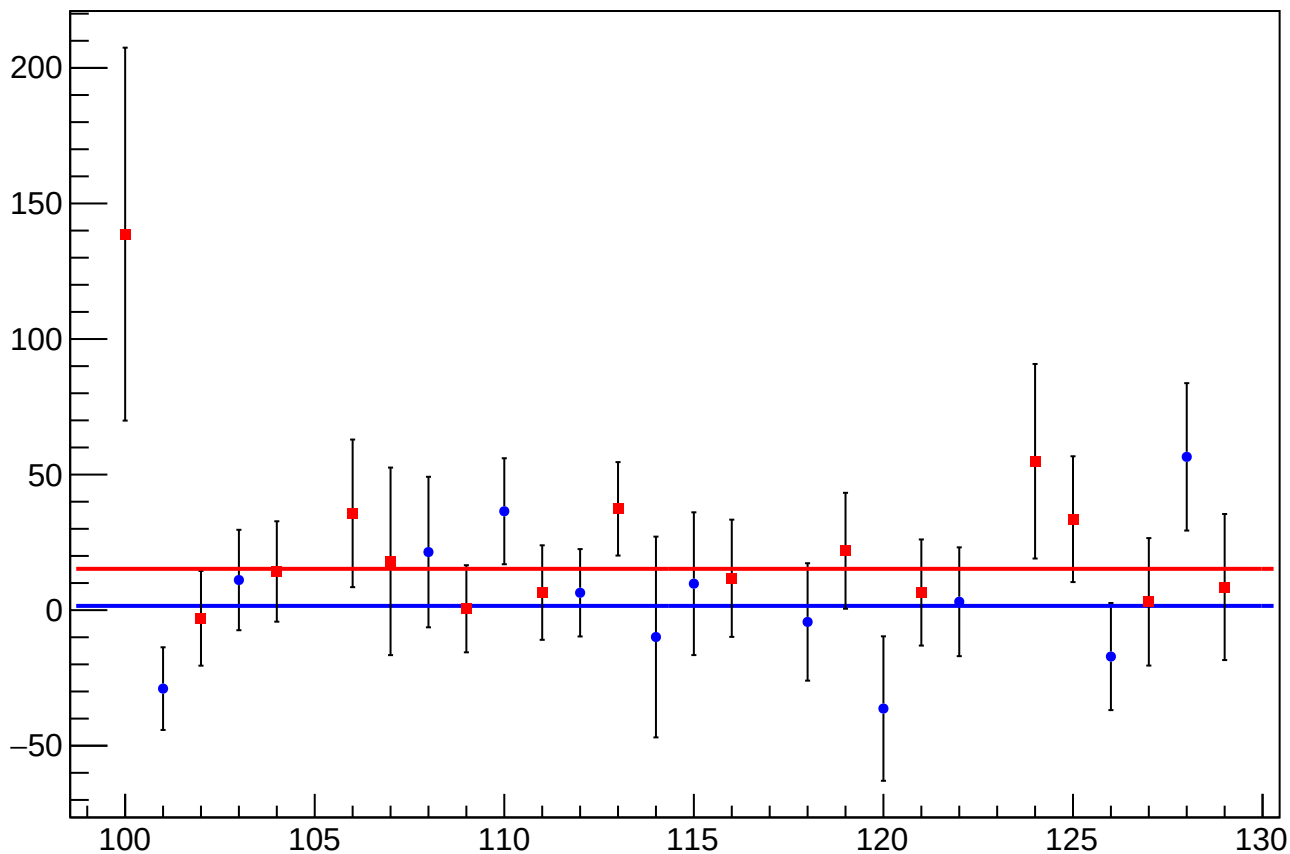
Right: 8507.840+/-1.850 χ^2/NDF : 532711.2/26

In: 8651.888+/-2.768 χ^2/NDF : 215687.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8507.840+/-1.850 χ^2/NDF : 532711.2/26

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: 1.573+/-6.075 χ^2/NDF : 15.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.239+/-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

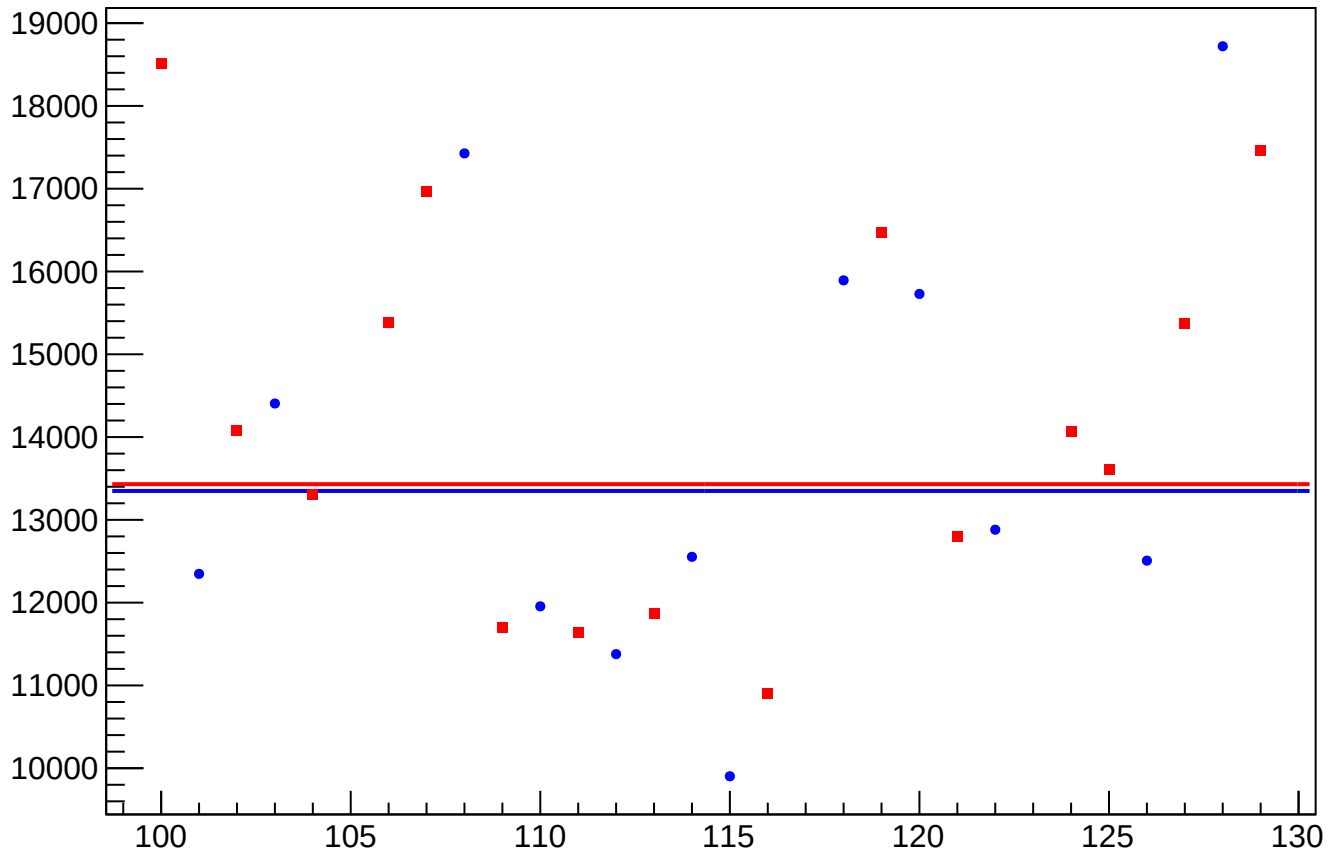
Right: 8.961+/-4.118 χ^2/NDF : 28.2/26

In: 1.573+/-6.075 χ^2/NDF : 15.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.961+/-4.118 χ^2/NDF : 28.2/26

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 13349.010+/-4.296 χ^2/NDF : 259895.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

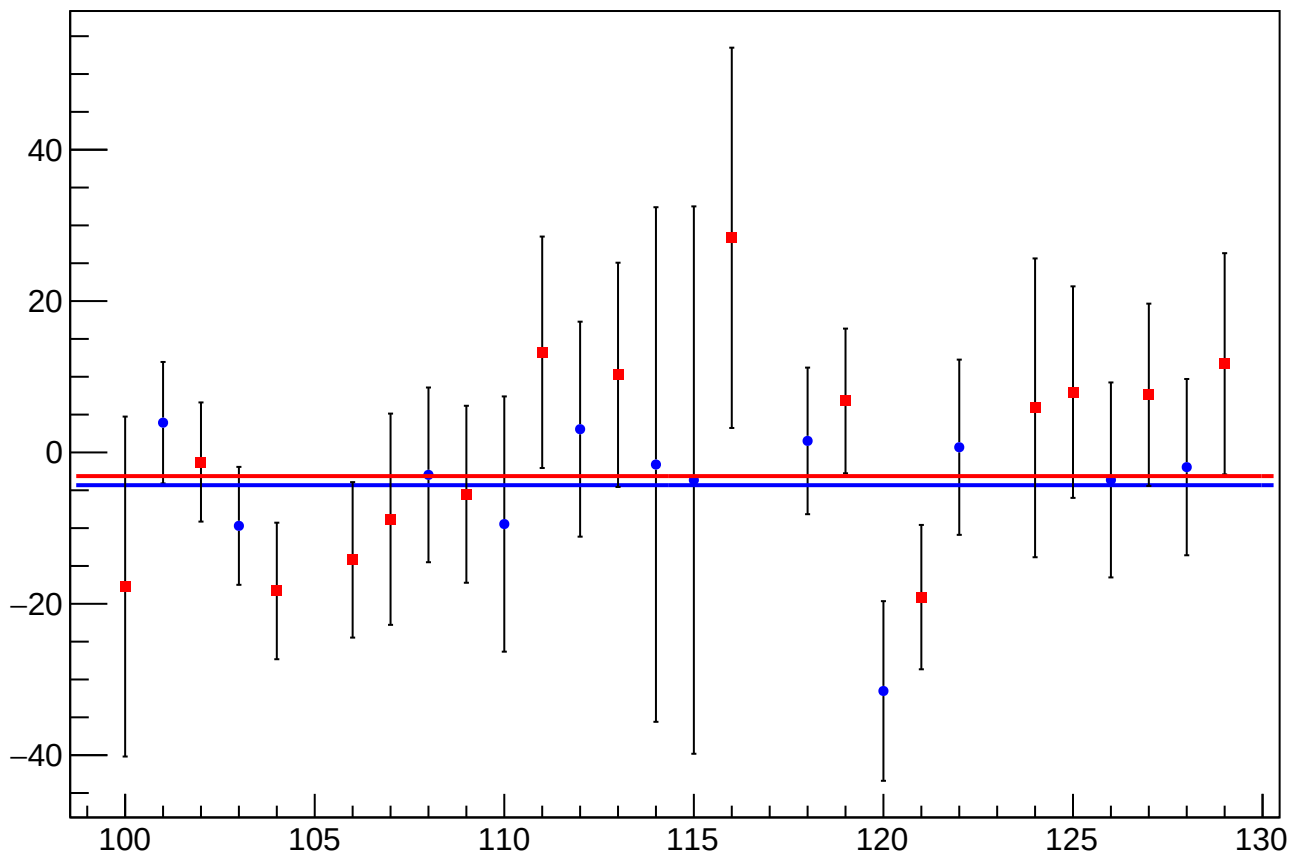
Right: 13393.391+/-2.912 χ^2/NDF : 495253.5/26

In: 13349.010+/-4.296 χ^2/NDF : 259895.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13393.391+/-2.912 χ^2/NDF : 495253.5/26

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -4.327 ± 3.367 χ^2/NDF : 7.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.126 ± 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

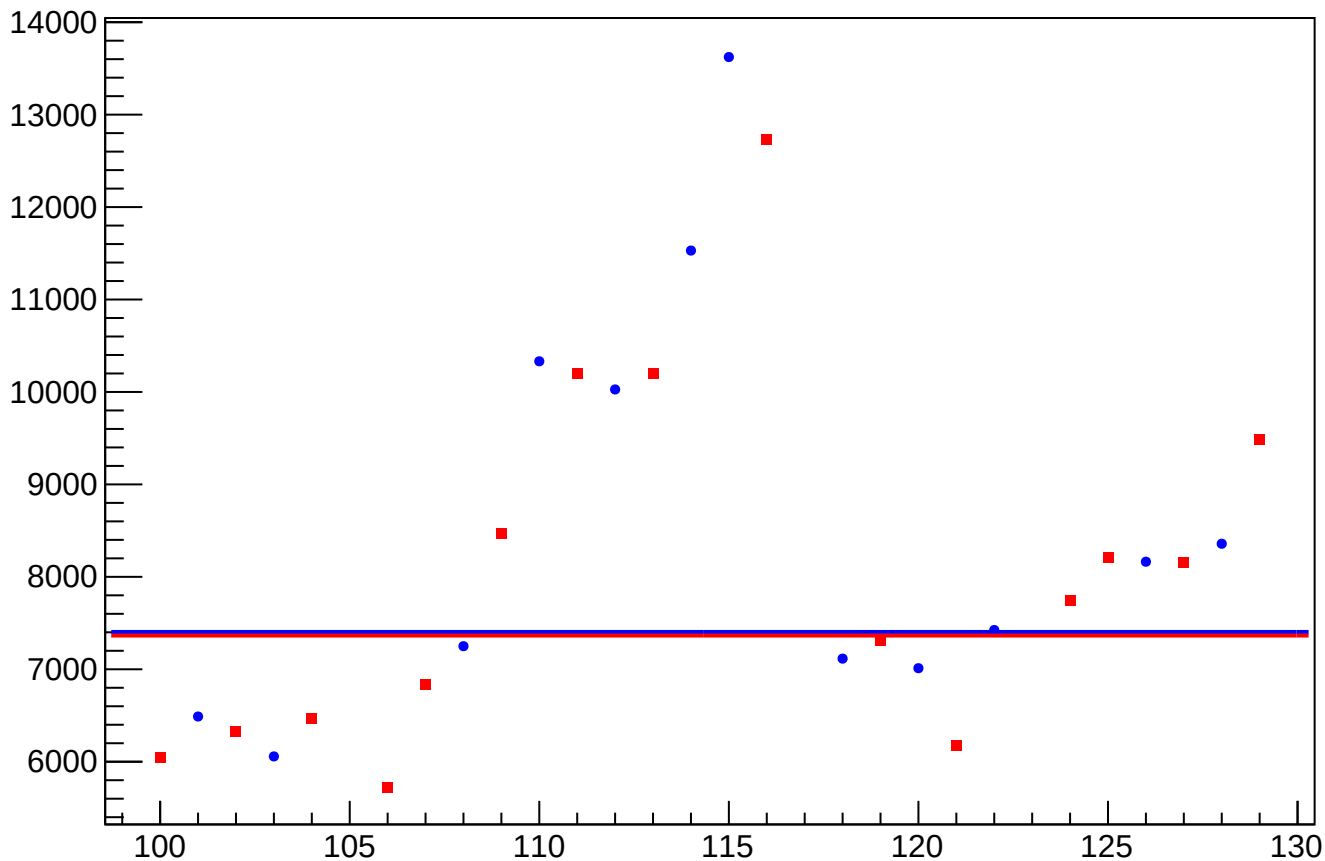
Right: -3.677 ± 2.281 χ^2/NDF : 22.6/26

In: -4.327 ± 3.367 χ^2/NDF : 7.8/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.677 ± 2.281 χ^2/NDF : 22.6/26

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7403.741+/-2.381 χ^2/NDF : 327530.3/11

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

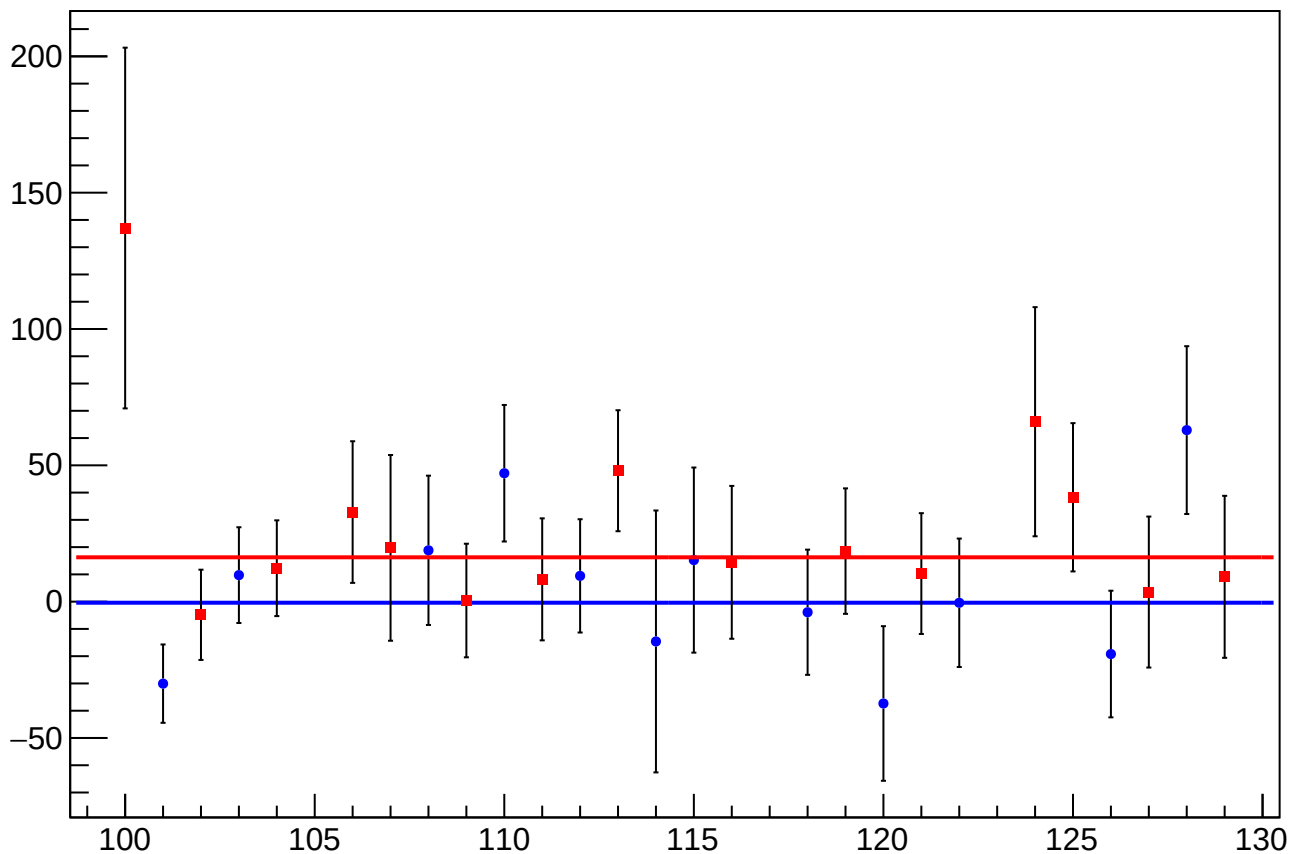
Right: 7382.730+/-1.613 χ^2/NDF : 783308.5/26

In: 7403.741+/-2.381 χ^2/NDF : 327530.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7382.730+/-1.613 χ^2/NDF : 783308.5/26

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -0.393 ± 6.669 χ^2/NDF : 15.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 16.267 ± 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

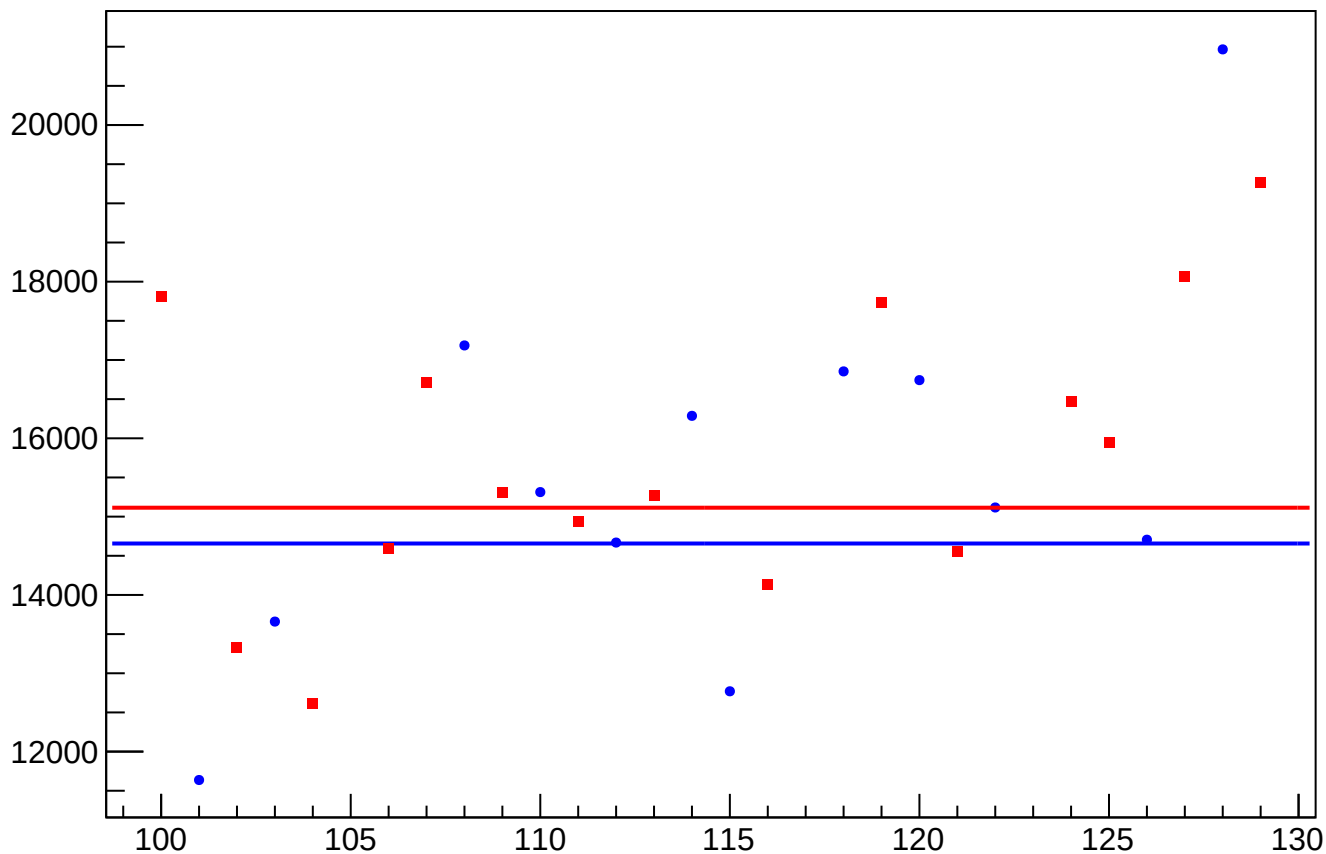
Right: 8.436 ± 4.572 χ^2/NDF : 29.7/26

In: -0.393 ± 6.669 χ^2/NDF : 15.8/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 8.436 ± 4.572 χ^2/NDF : 29.7/26

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 14656.782+/-4.715 χ^2/NDF : 235663.1/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

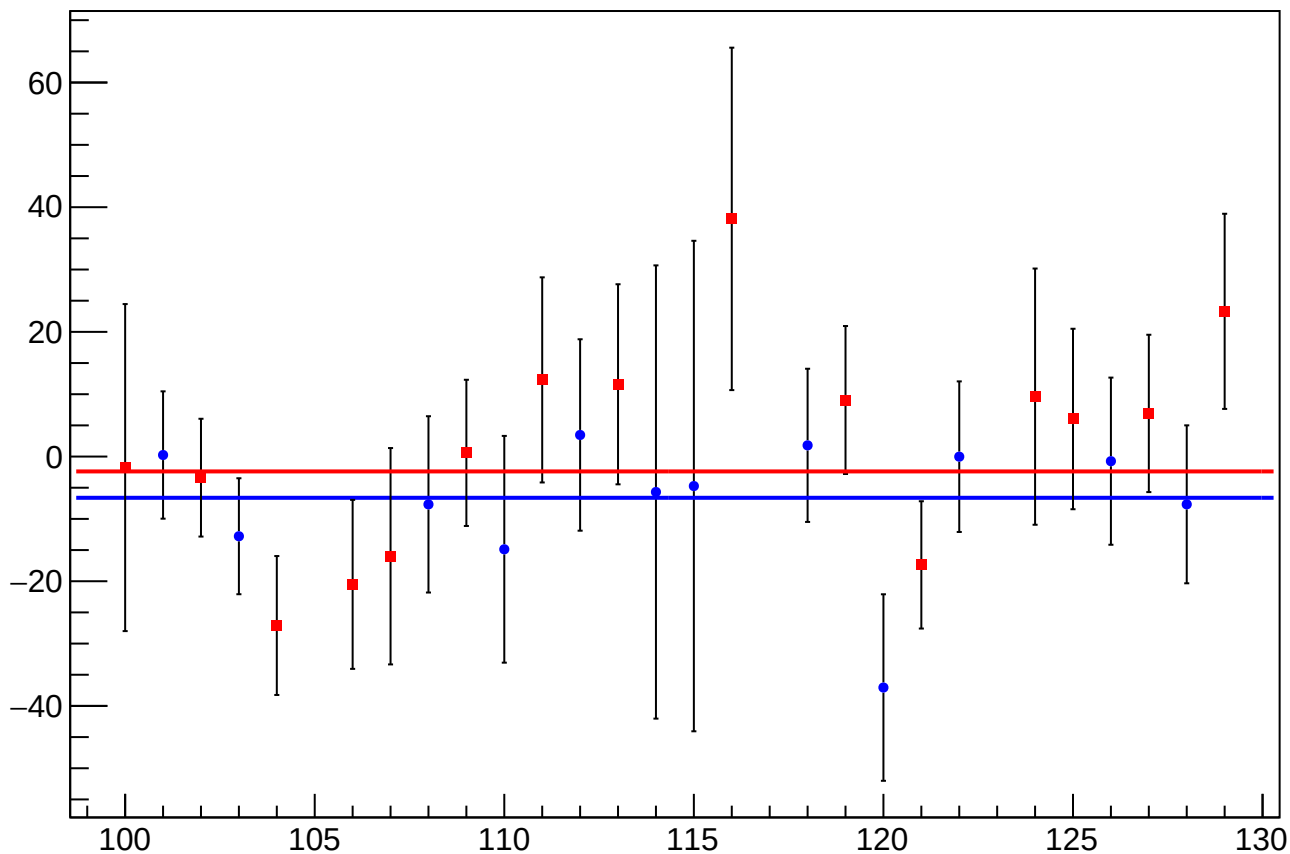
Right: 14899.043+/-3.233 χ^2/NDF : 408791.1/26

In: 14656.782+/-4.715 χ^2/NDF :235663.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 14899.043+/-3.233 χ^2/NDF : 408791.1/26

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -6.615+/-3.936 χ^2/NDF : 6.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.385+/-3.539 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

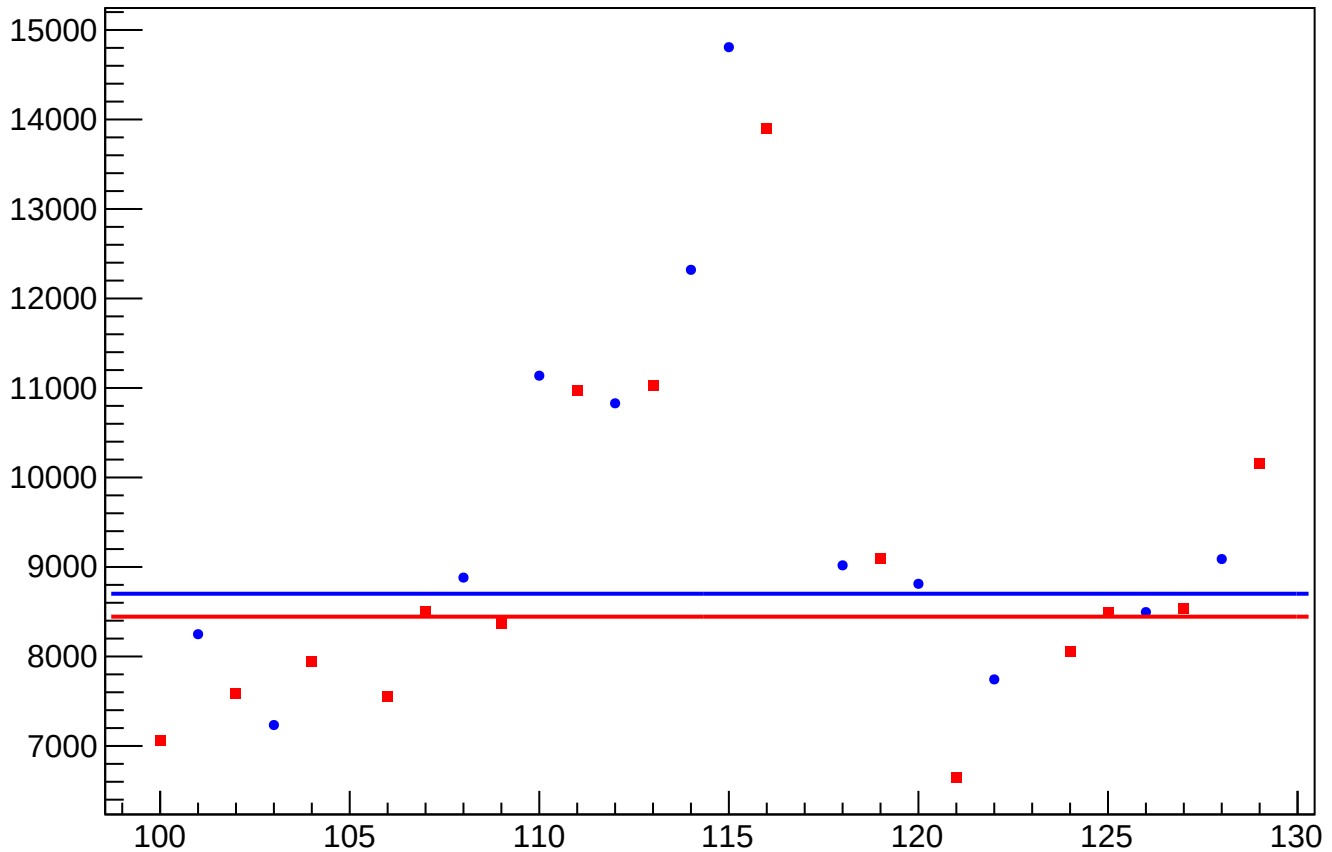
Right: -4.276+/-2.632 χ^2/NDF : 25.4/26

In: -6.615+/-3.936 χ^2/NDF : 6.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.276+/-2.632 χ^2/NDF : 25.4/26

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8701.056+/-2.783 χ^2/NDF : 212648.2/11

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

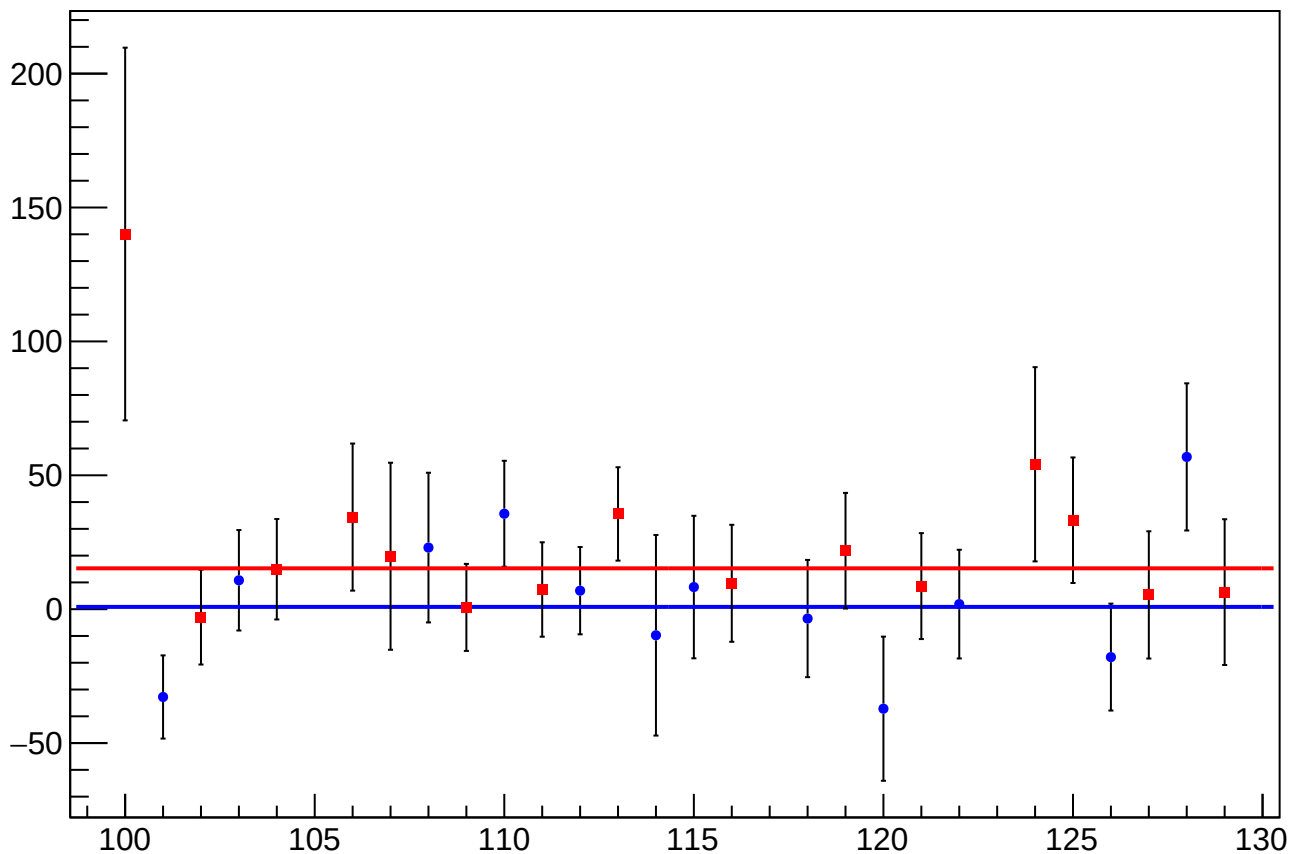
Right: 8559.366+/-1.861 χ^2/NDF : 522790.4/26

In: 8701.056+/-2.783 χ^2/NDF : 212648.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8559.366+/-1.861 χ^2/NDF : 522790.4/26

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: 0.854+/-6.150 χ^2/NDF : 16.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.258+/-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

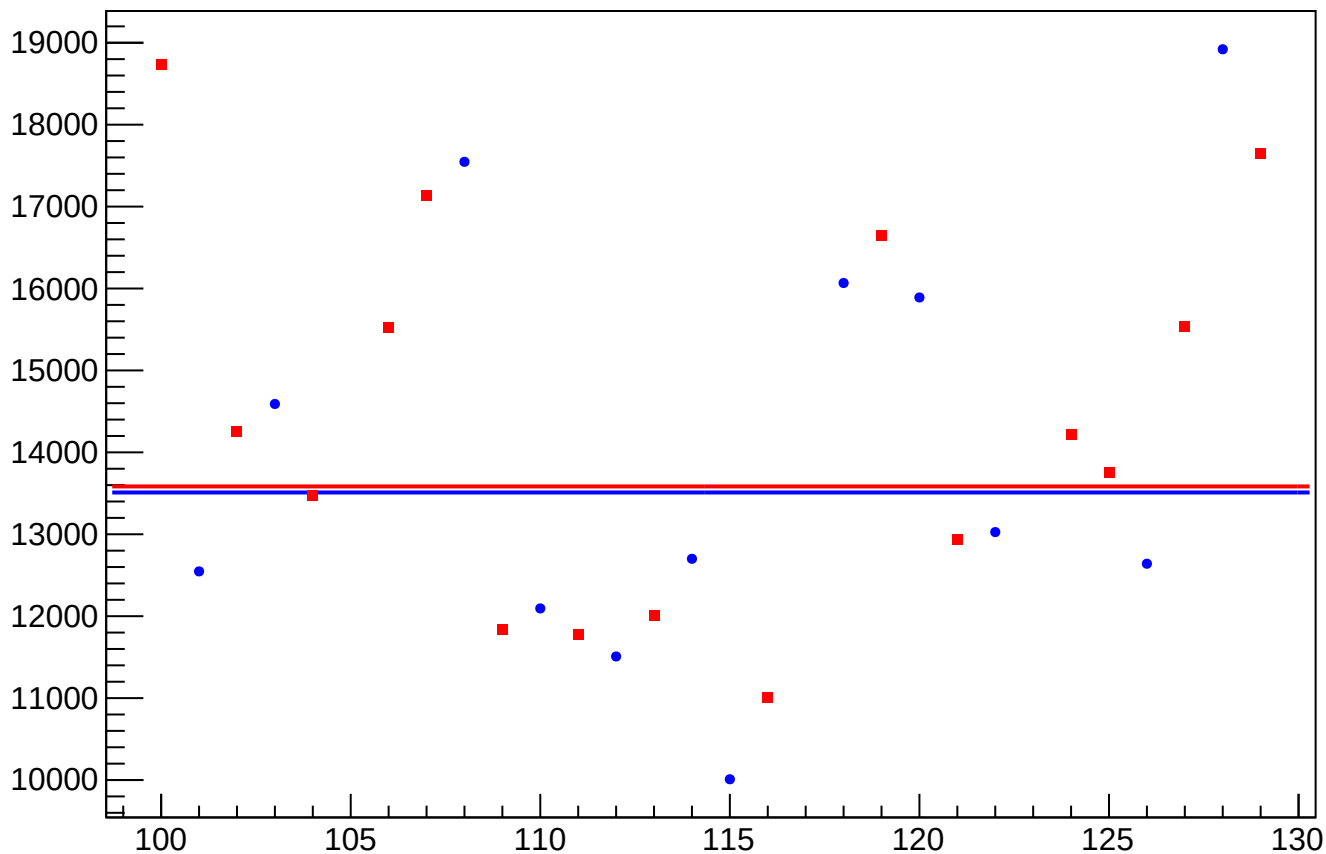
Right: 8.647+/-4.166 χ^2/NDF : 28.5/26

In: 0.854+/-6.150 χ^2/NDF : 16.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.647+/-4.166 χ^2/NDF : 28.5/26

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 13510.141+/-4.349 χ^2/NDF : 257372.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

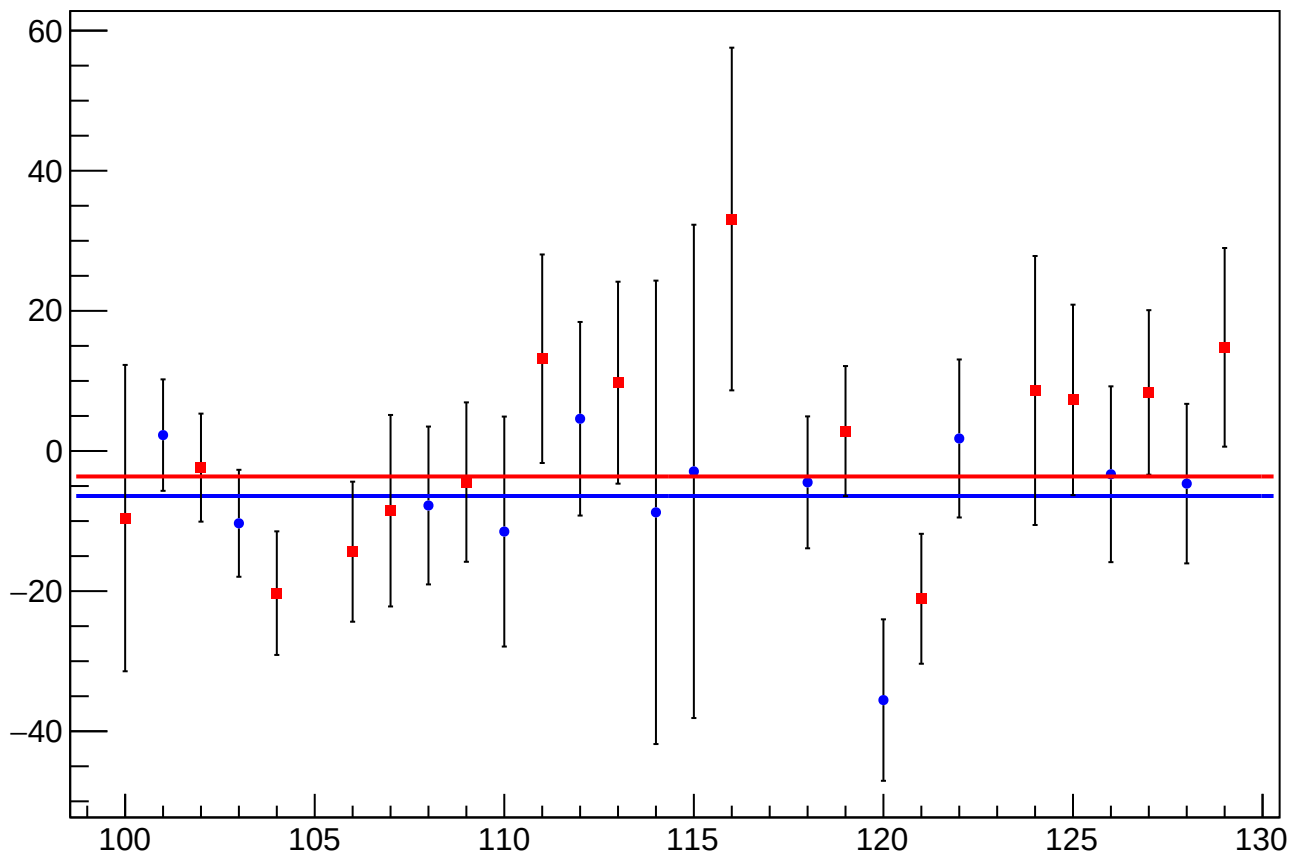
Right: 13550.157+/-2.946 χ^2/NDF : 491532.5/26

In: 13510.141+/-4.349 χ^2/NDF : 257372.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13550.157+/-2.946 χ^2/NDF : 491532.5/26

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -6.423+/-3.292 χ^2/NDF : 9.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

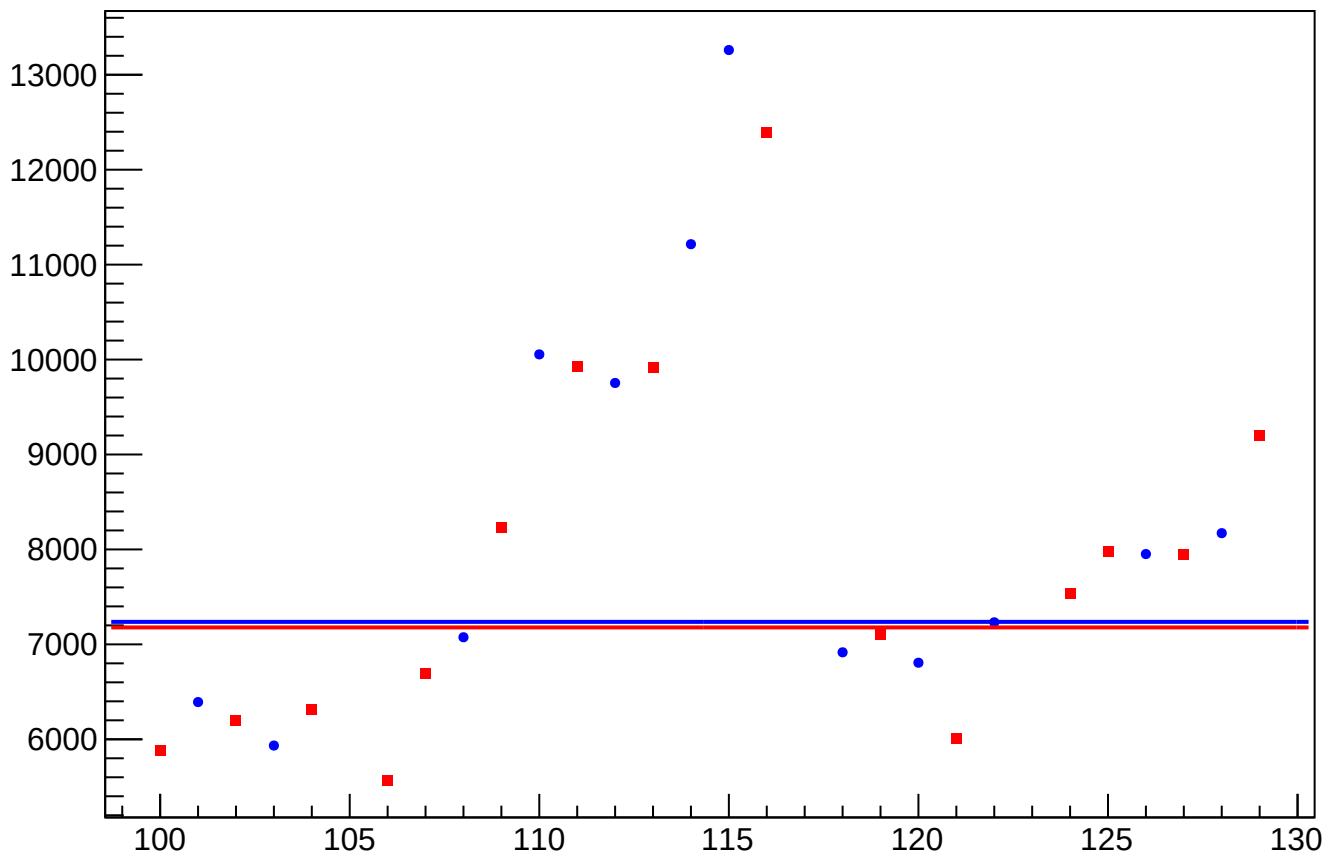
Right: -4.910+/-2.226 χ^2/NDF : 26.8/26

In: -6.423+/-3.292 χ^2/NDF : 9.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.910+/-2.226 χ^2/NDF : 26.8/26

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 7236.984+/-2.328 χ^2/NDF : 319100.0/11

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

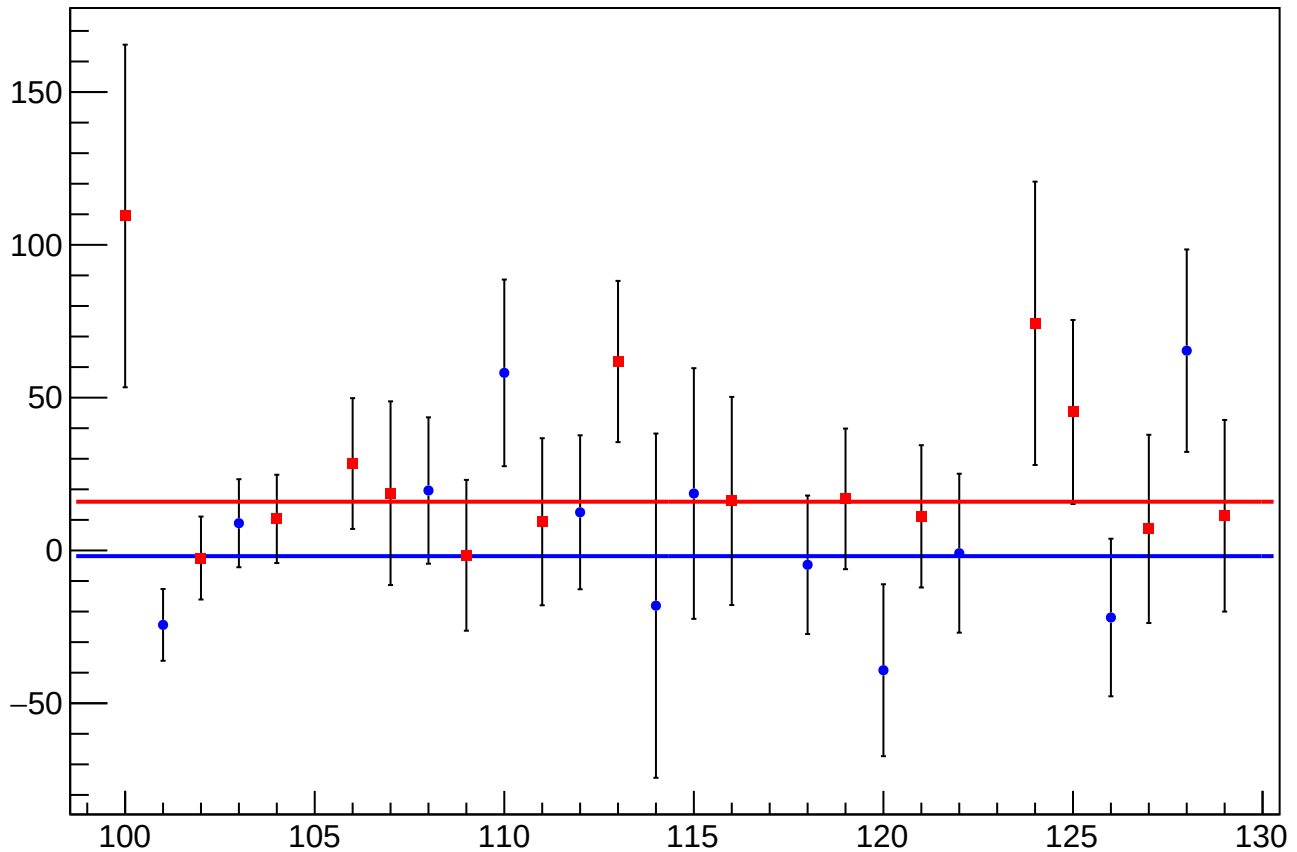
Right: 7205.147+/-1.574 χ^2/NDF : 769519.8/26

In: 7236.984+/-2.328 χ^2/NDF : 319100.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7205.147+/-1.574 χ^2/NDF : 769519.8/26

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -1.865+/-6.390 χ^2/NDF : 16.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

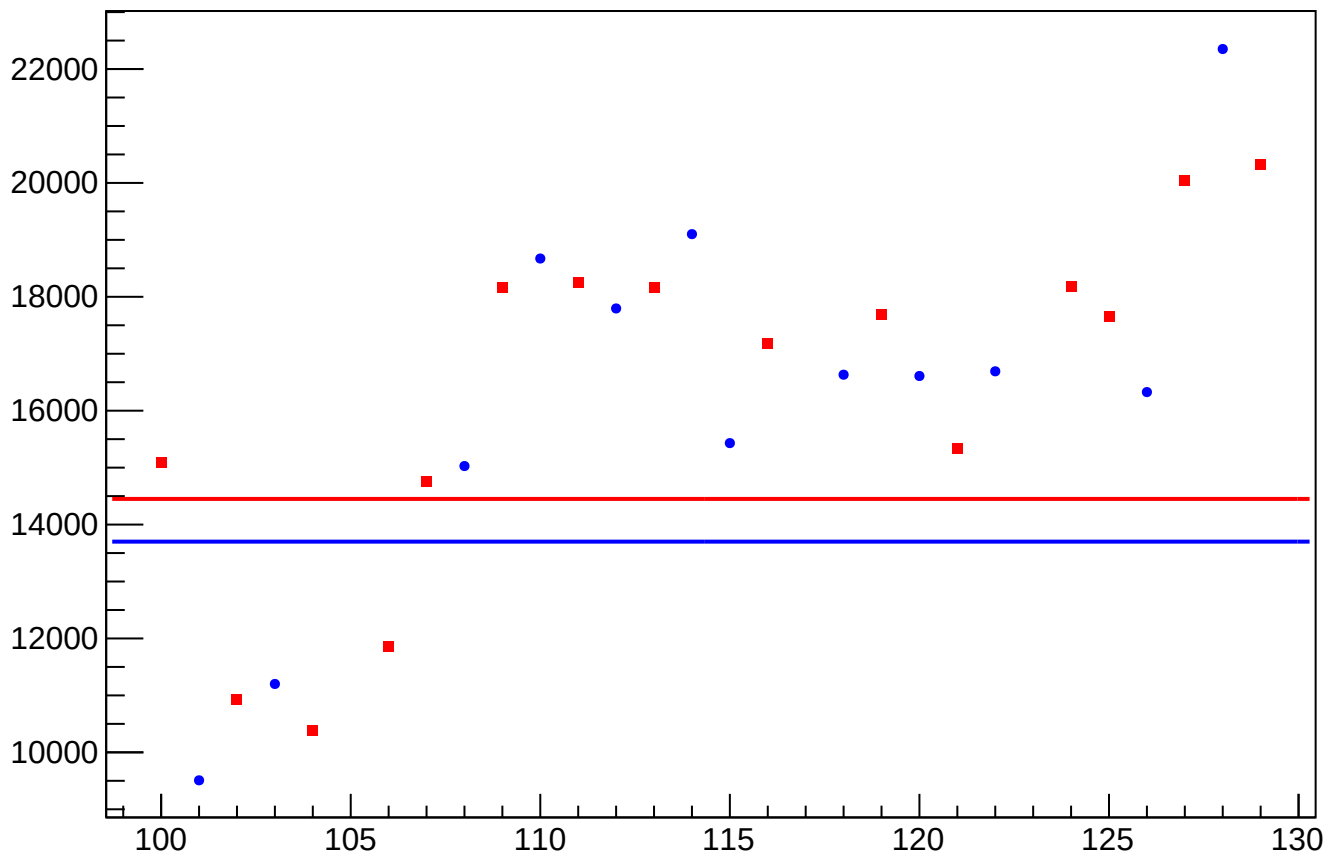
Right: 7.391+/-4.429 χ^2/NDF : 31.5/26

In: -1.865+/-6.390 χ^2/NDF : 16.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.391+/-4.429 χ^2/NDF : 31.5/26

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 13700.459+/-4.519 χ^2/NDF : 687740.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

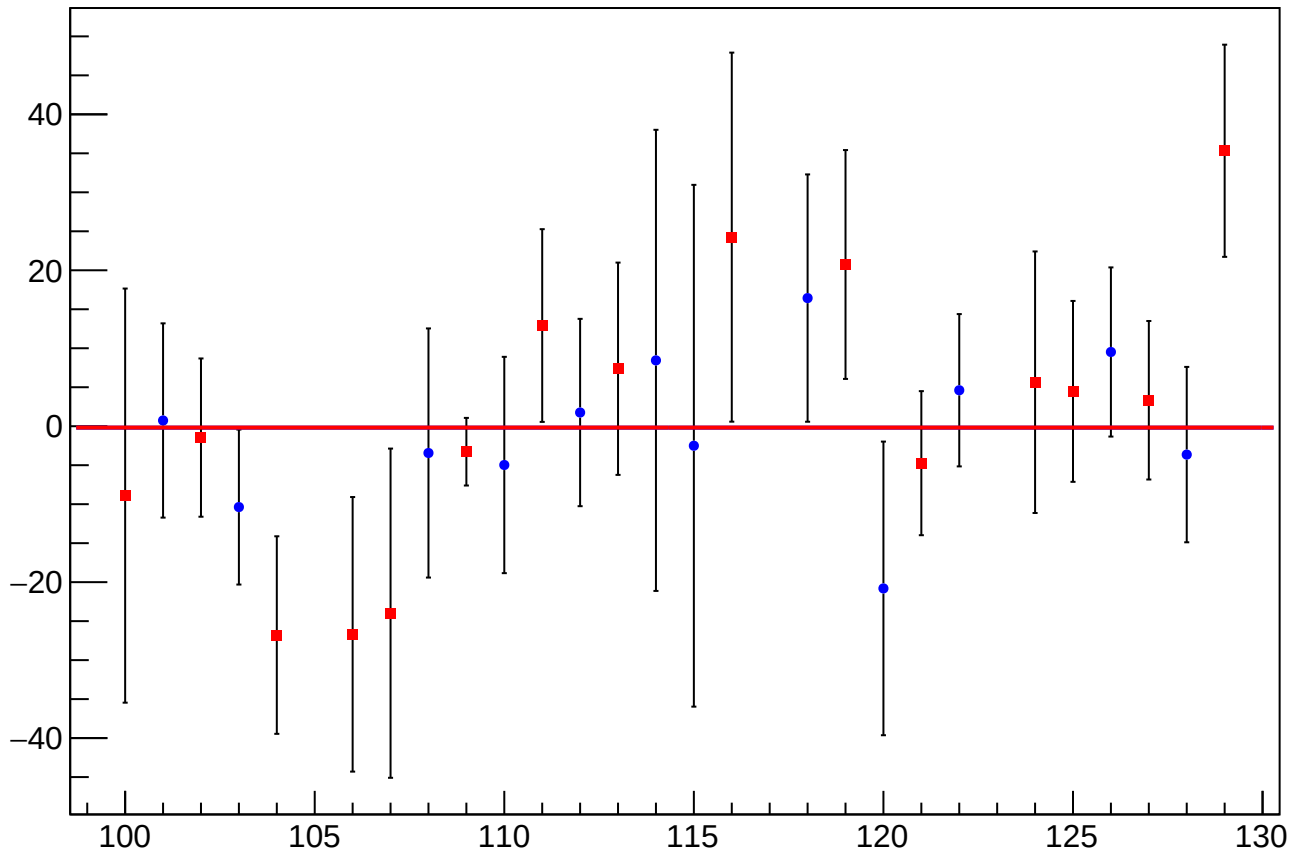
Right: 14090.180+/-3.132 χ^2/NDF : 1376738.9/26

In: 13700.459+/-4.519 χ^2/NDF : 687740.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14090.180+/-3.132 χ^2/NDF : 1376738.9/26

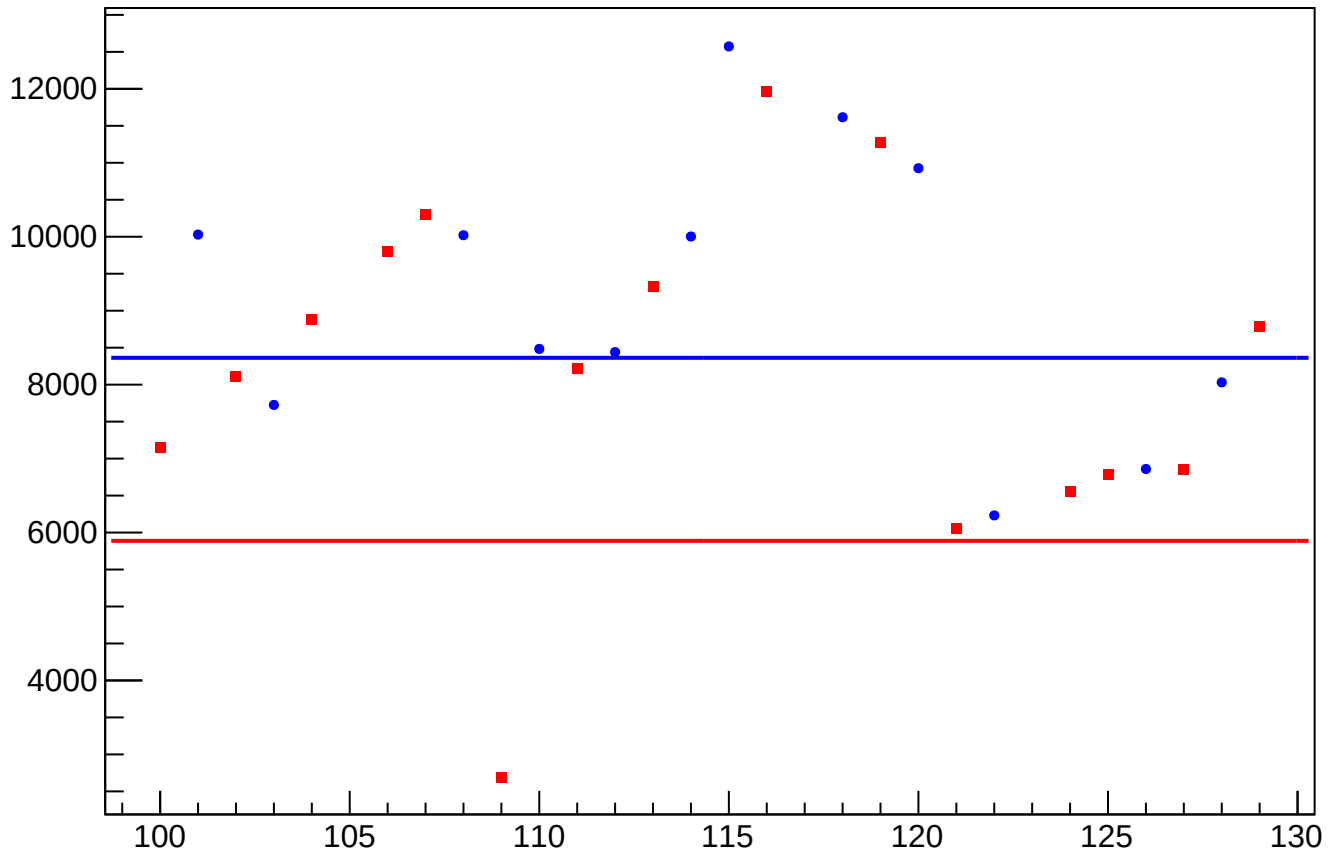
diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: -0.187 ± 3.826 χ^2/NDF : 4.8/11
Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
Right Out: -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: -0.177 ± 2.233 χ^2/NDF : 25.3/26
In: -0.187 ± 3.826 χ^2/NDF : 4.8/11
Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
All: -0.177 ± 2.233 χ^2/NDF : 25.3/26

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 8362.957+/-2.705 χ^2/NDF : 360150.3/11

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

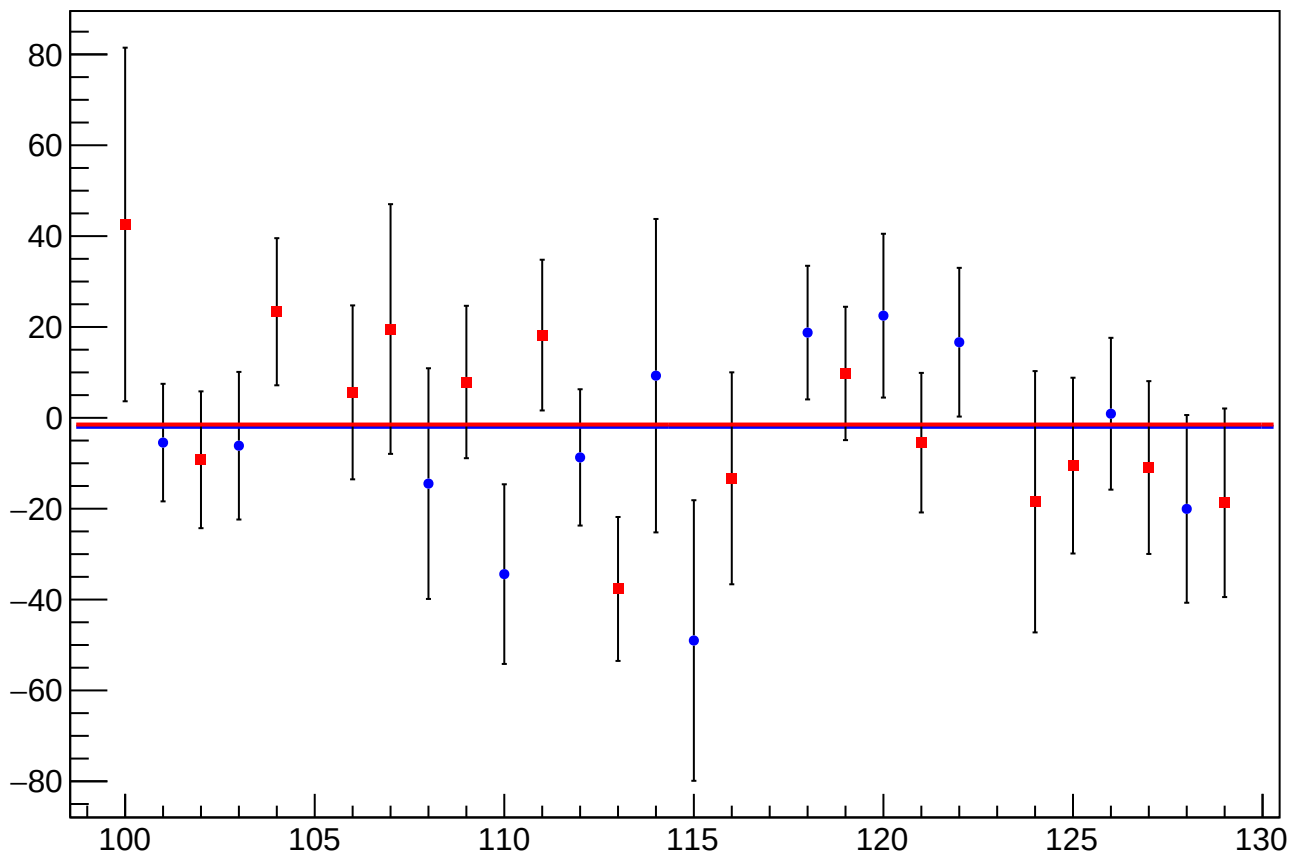
Right: 6731.593+/-1.579 χ^2/NDF : 3125503.4/26

In: 8362.957+/-2.705 χ^2/NDF : 360150.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6731.593+/-1.579 χ^2/NDF : 3125503.4/26

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -1.976+/-5.160 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

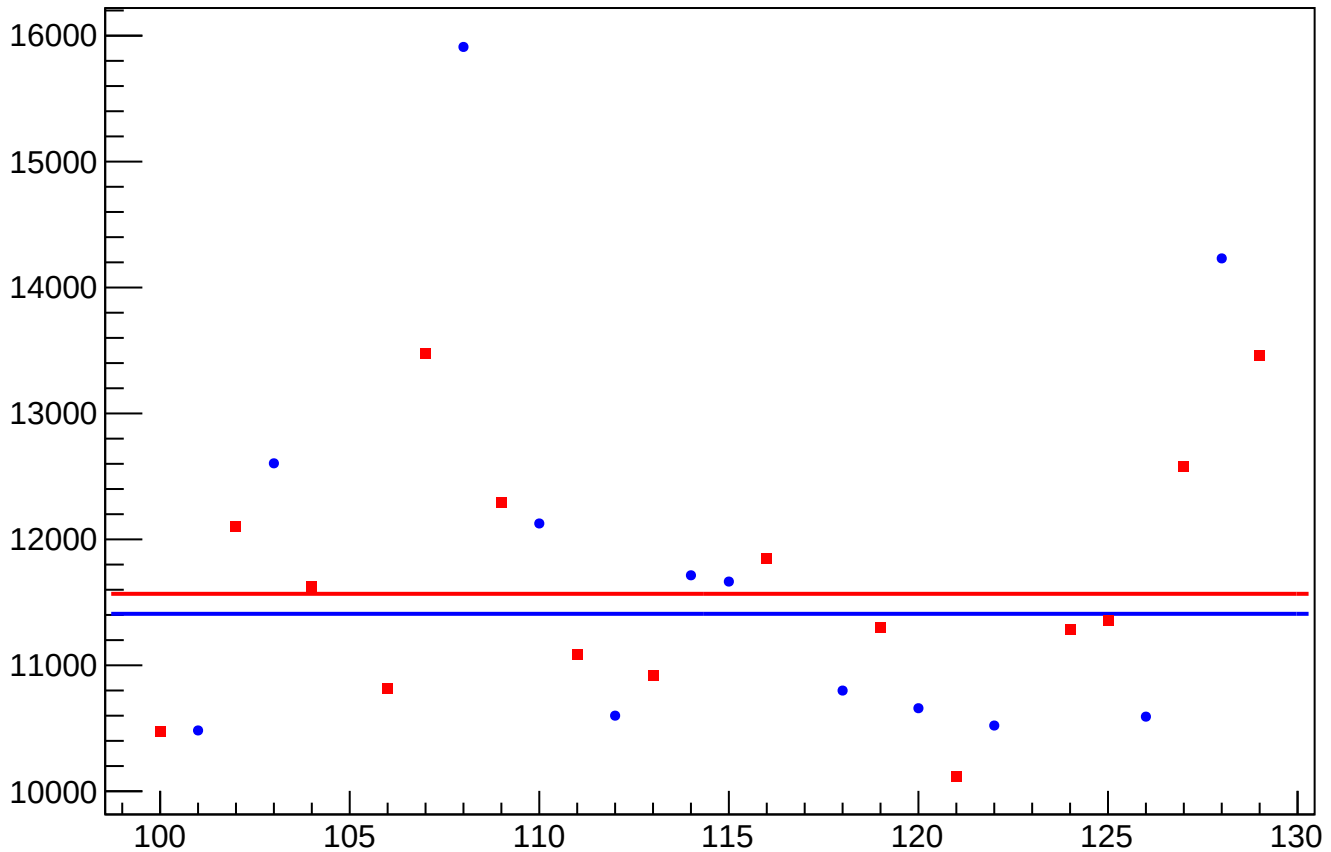
Right: -1.705+/-3.506 χ^2/NDF : 25.6/26

In: -1.976+/-5.160 χ^2/NDF : 11.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.705+/-3.506 χ^2/NDF : 25.6/26

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11408.886+/-3.649 χ^2/NDF : 147553.2/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

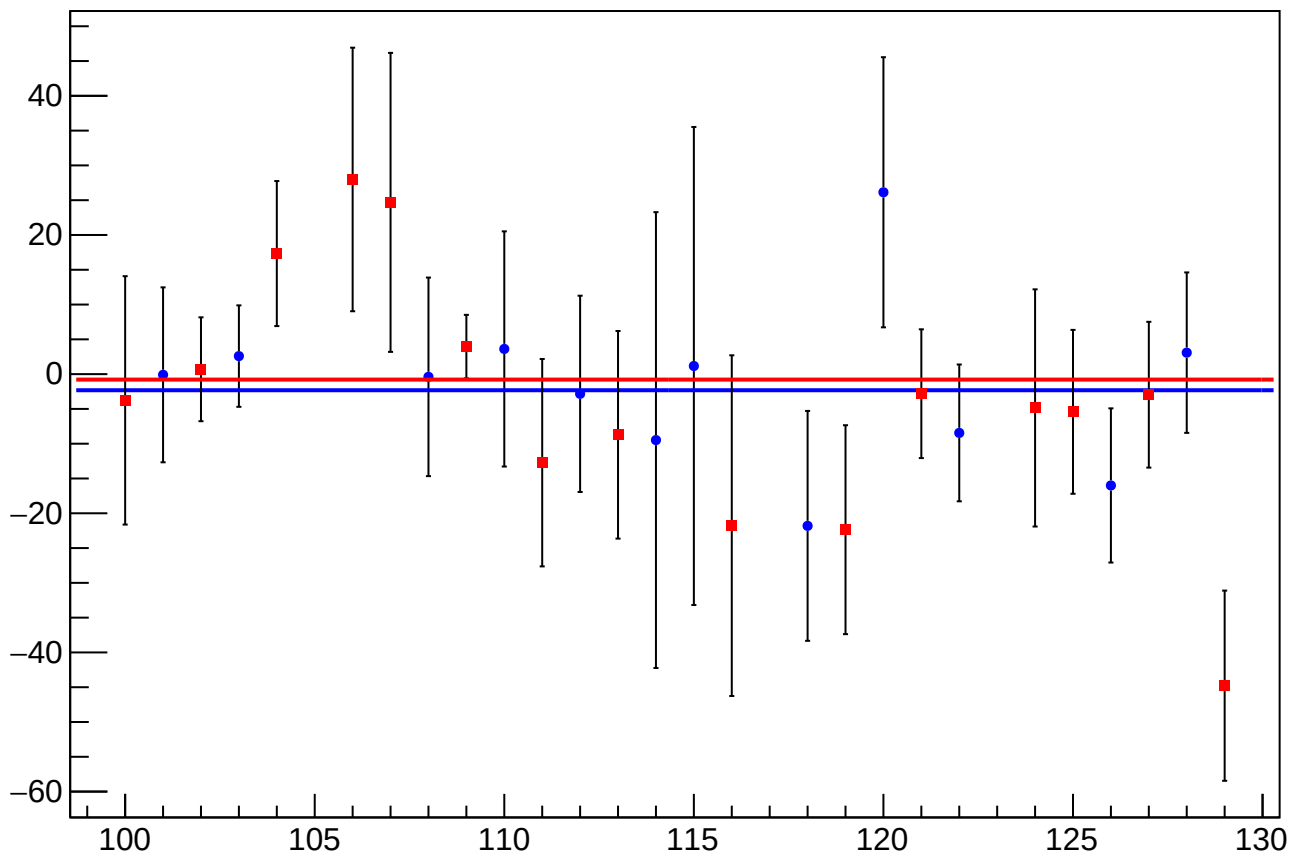
Right: 11494.388+/-2.479 χ^2/NDF : 215732.3/26

In: 11408.886+/-3.649 χ^2/NDF :147553.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 11494.388+/-2.479 χ^2/NDF : 215732.3/26

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -2.315 $\pm$ 3.709 χ^2/NDF : 6.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.785 $\pm$ 2.721 χ^2/NDF : 22.3/14

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

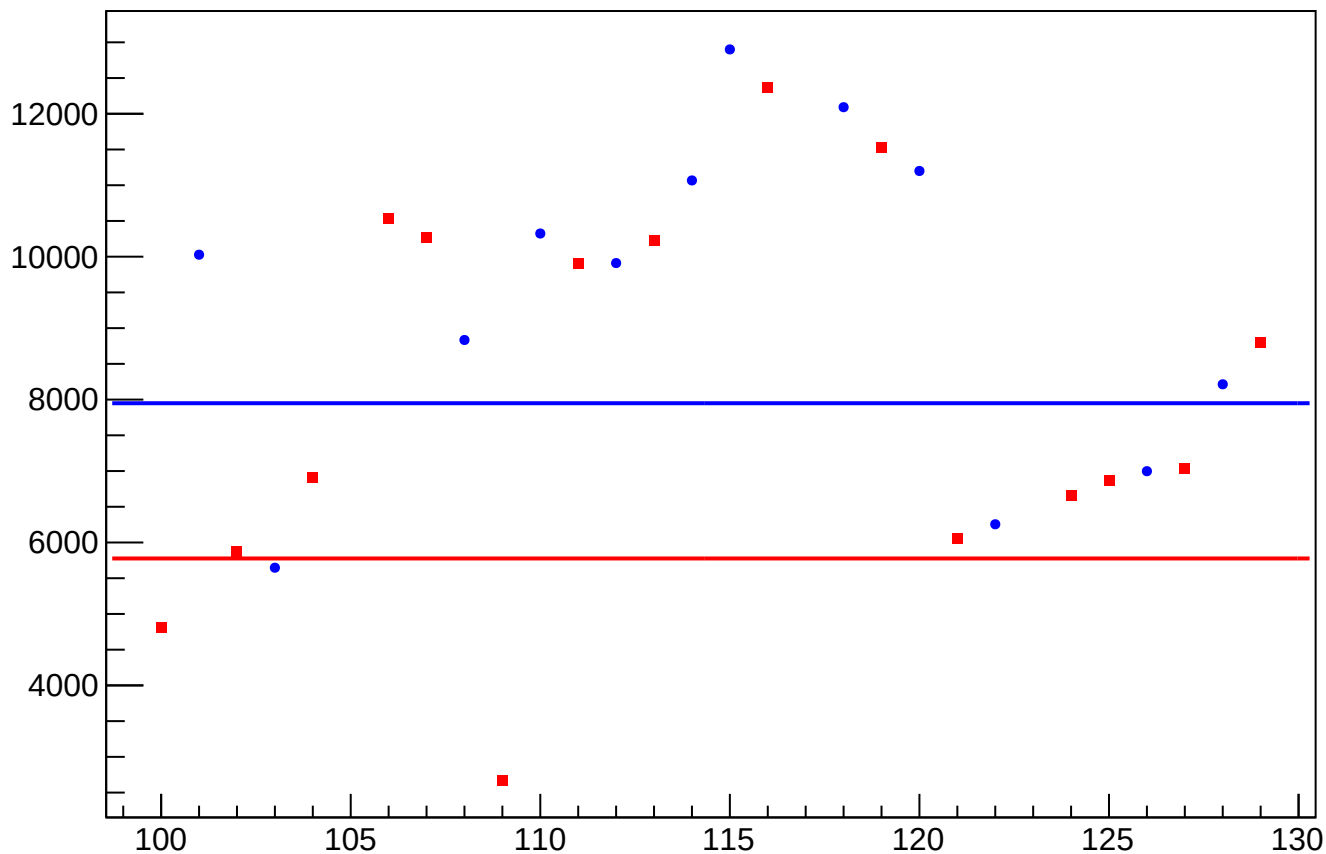
Right: -1.320 $\pm$ 2.194 χ^2/NDF : 28.7/26

In: -2.315 $\pm$ 3.709 χ^2/NDF : 6.4/11

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -1.320 $\pm$ 2.194 χ^2/NDF : 28.7/26

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 7949.069+/-2.623 χ^2/NDF : 656550.4/11

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

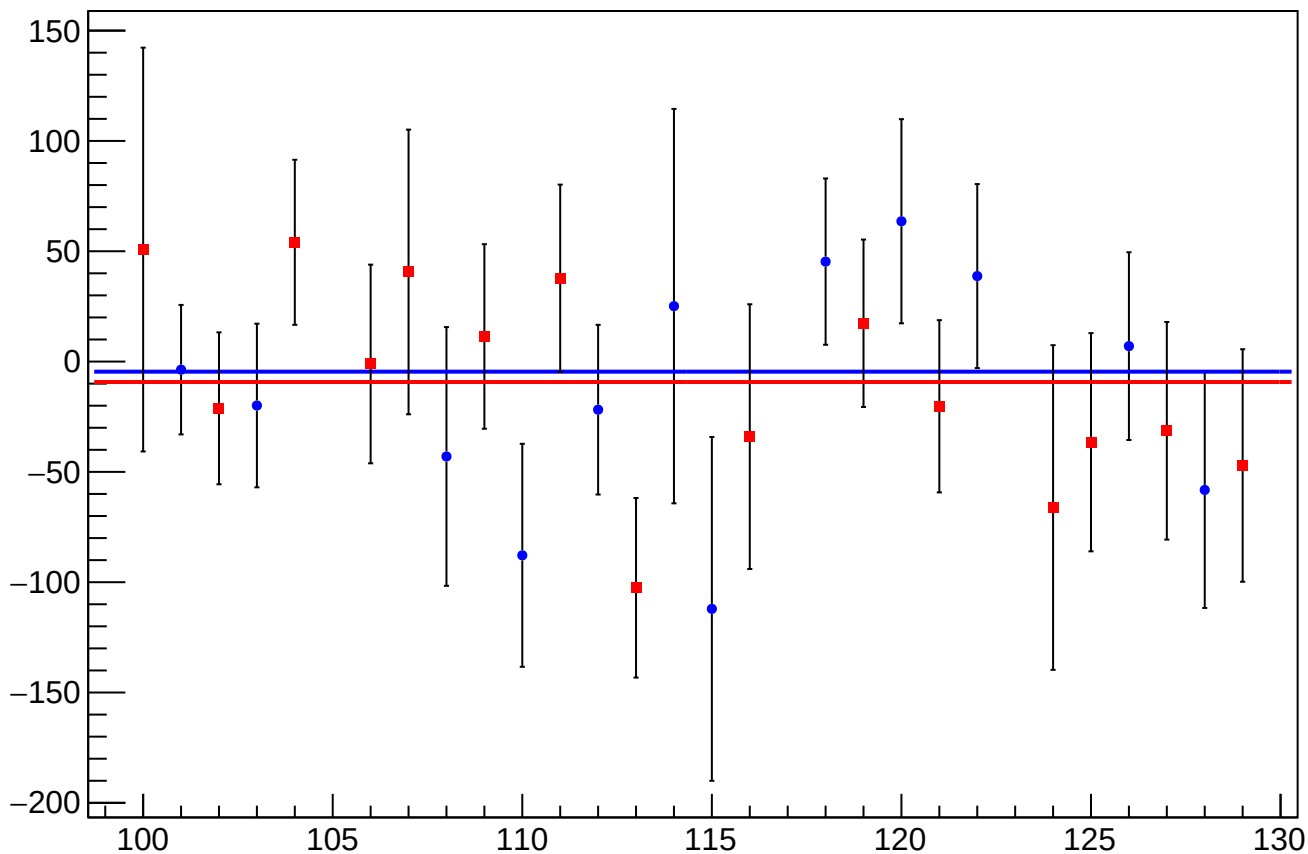
Right: 6536.495+/-1.551 χ^2/NDF : 3193793.3/26

In: 7949.069+/-2.623 χ^2/NDF : 656550.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6536.495+/-1.551 χ^2/NDF : 3193793.3/26

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -4.573+/-12.715 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

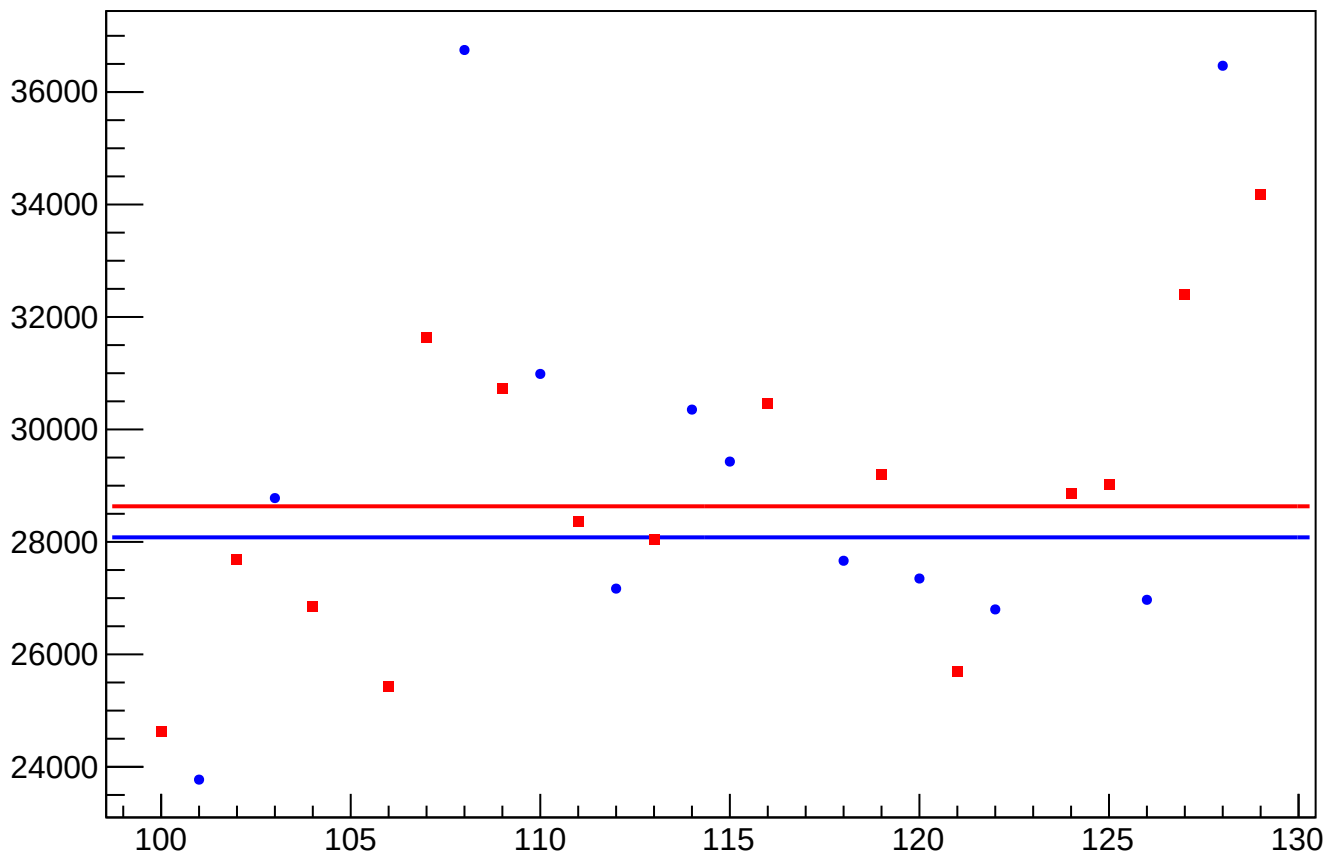
Right: -7.088+/-8.664 χ^2/NDF : 24.8/26

In: -4.573+/-12.715 χ^2/NDF : 11.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.088+/-8.664 χ^2/NDF : 24.8/26

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 28081.179+/-8.991 χ^2/NDF : 150332.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

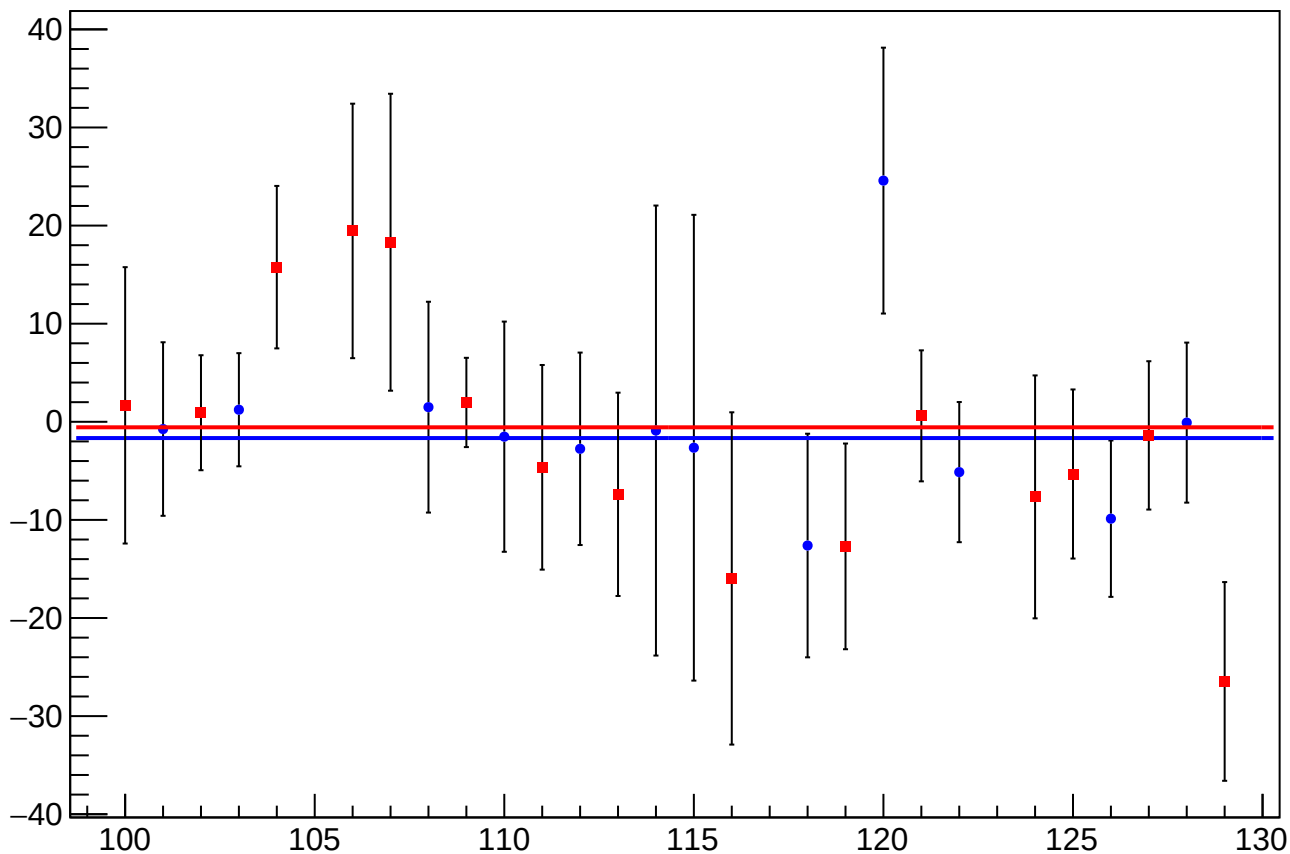
Right: 28376.875+/-6.126 χ^2/NDF : 229778.9/26

In: 28081.179+/-8.991 χ^2/NDF : 150332.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28376.875+/-6.126 χ^2/NDF : 229778.9/26

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -1.658+/-2.708 χ^2/NDF : 6.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.562+/-2.192 χ^2/NDF : 18.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

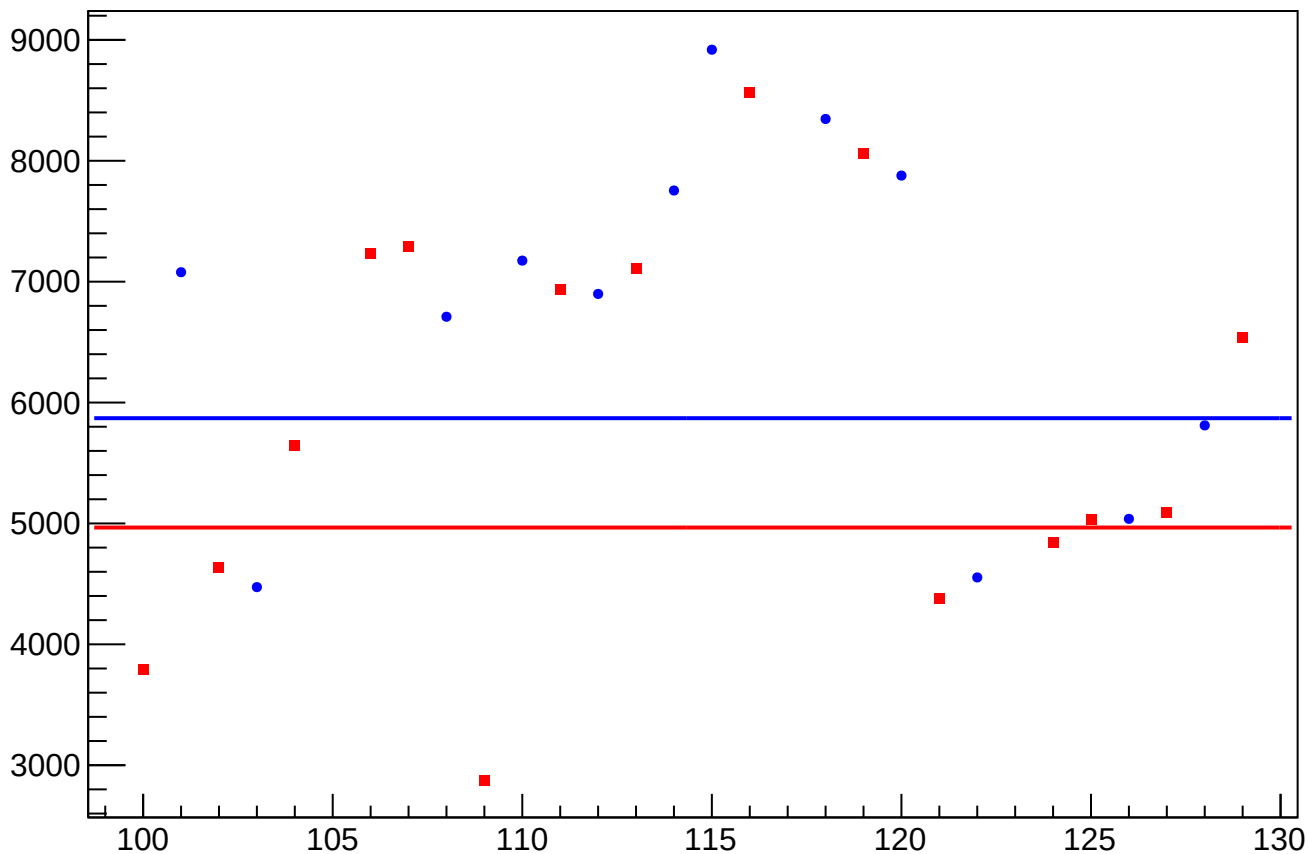
Right: -0.996+/-1.704 χ^2/NDF : 24.7/26

In: -1.658+/-2.708 χ^2/NDF : 6.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.996+/-1.704 χ^2/NDF : 24.7/26

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 5870.658+/-1.915 χ^2/NDF : 488202.1/11

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

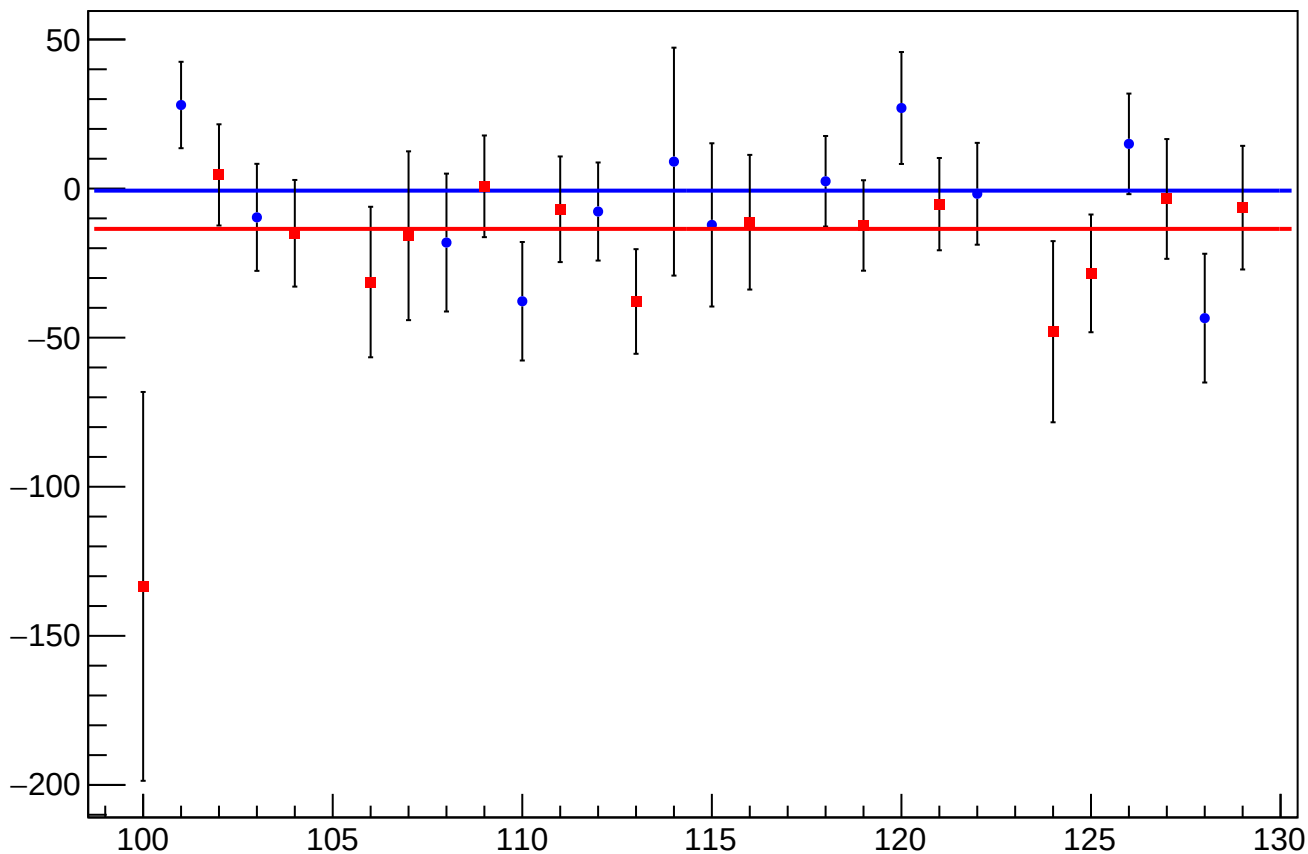
Right: 5324.164+/-1.205 χ^2/NDF : 1673471.4/26

In: 5870.658+/-1.915 χ^2/NDF : 488202.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5324.164+/-1.205 χ^2/NDF : 1673471.4/26

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.696+/-5.403 χ^2/NDF : 15.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.524+/-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

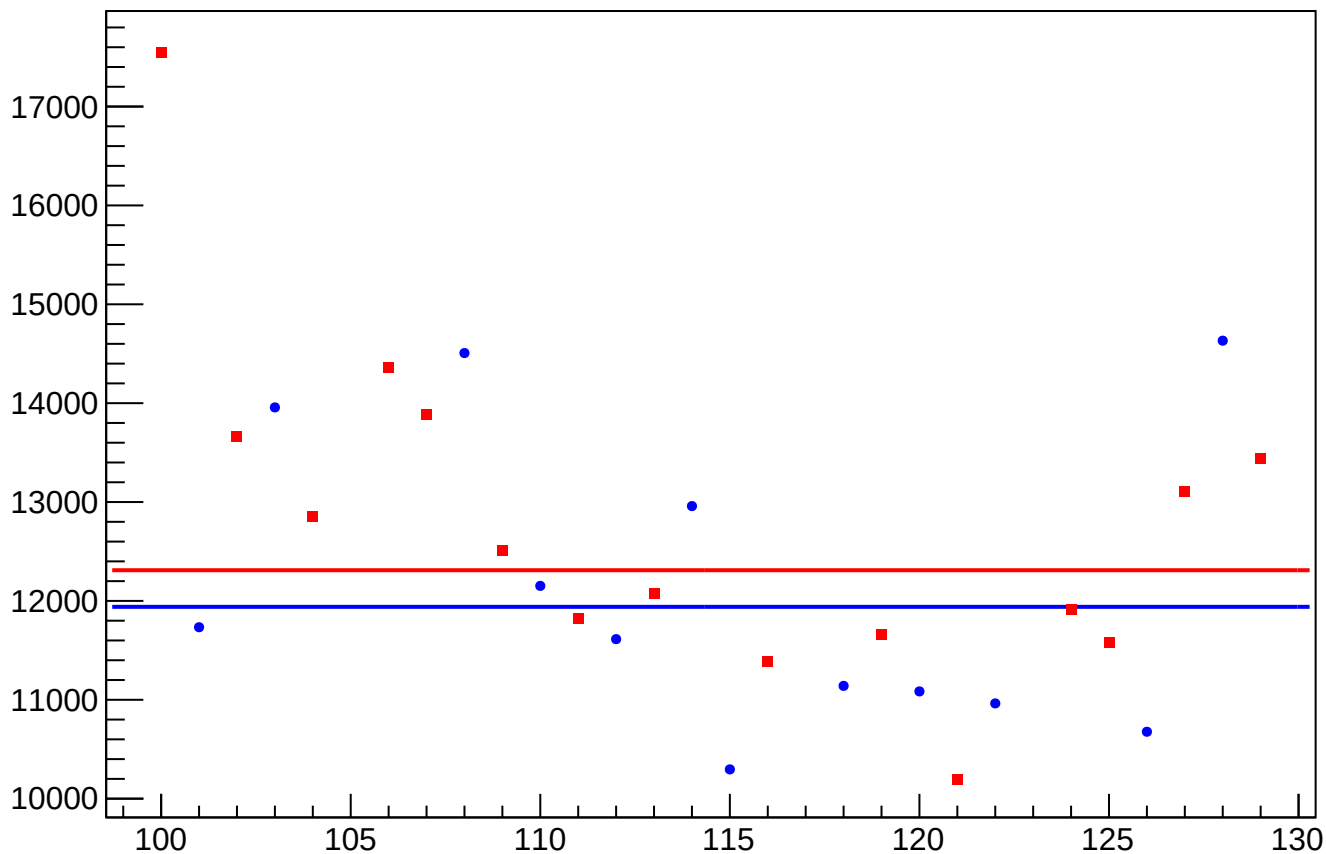
Right: -7.481+/-3.708 χ^2/NDF : 29.0/26

In: -0.696+/-5.403 χ^2/NDF : 15.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.481+/-3.708 χ^2/NDF : 29.0/26

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 11940.095+/-3.820 χ^2/NDF : 118518.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

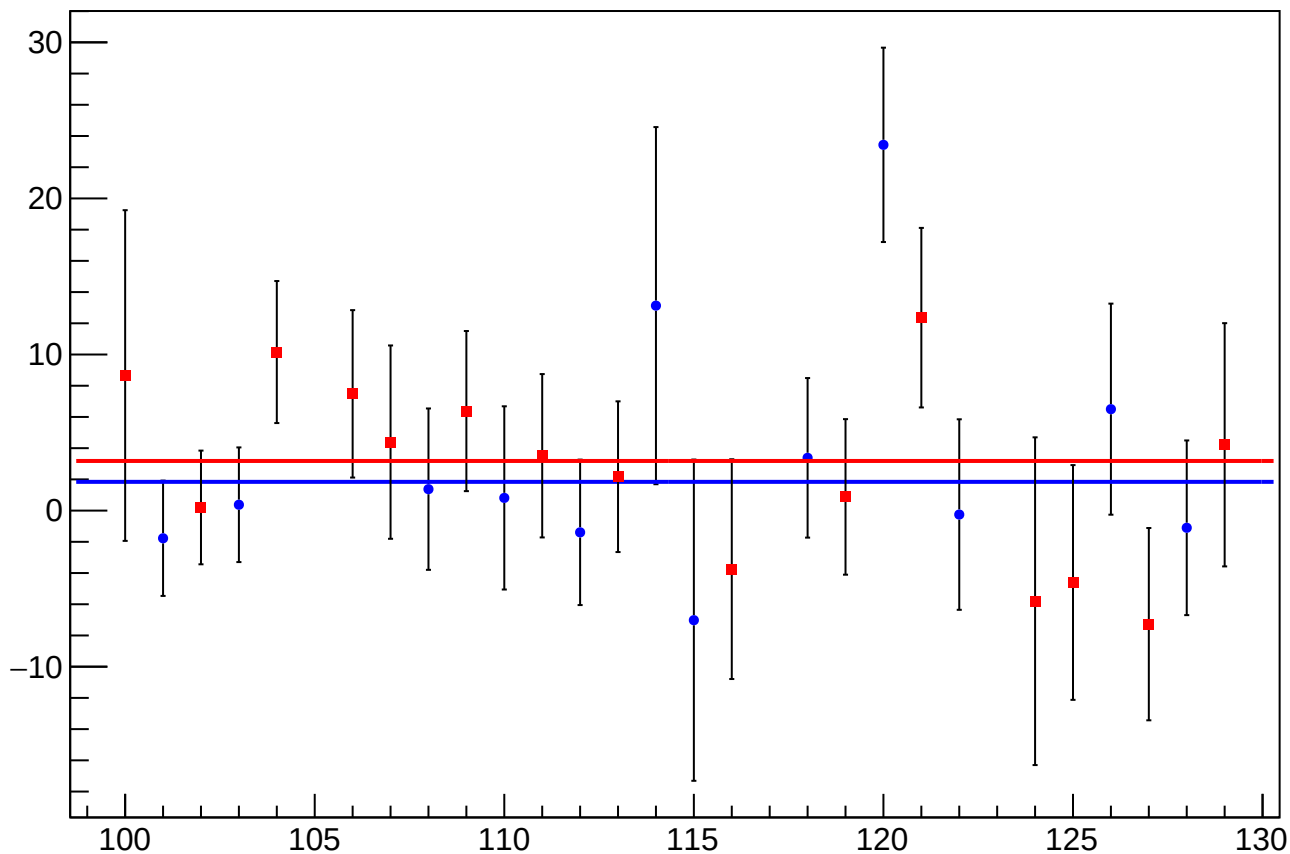
Right: 12135.932+/-2.622 χ^2/NDF : 229065.8/26

In: 11940.095+/-3.820 χ^2/NDF : 118518.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12135.932+/-2.622 χ^2/NDF : 229065.8/26

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 1.842 $\pm$ 1.540 χ^2 /NDF: 16.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.180 $\pm$ 1.457 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

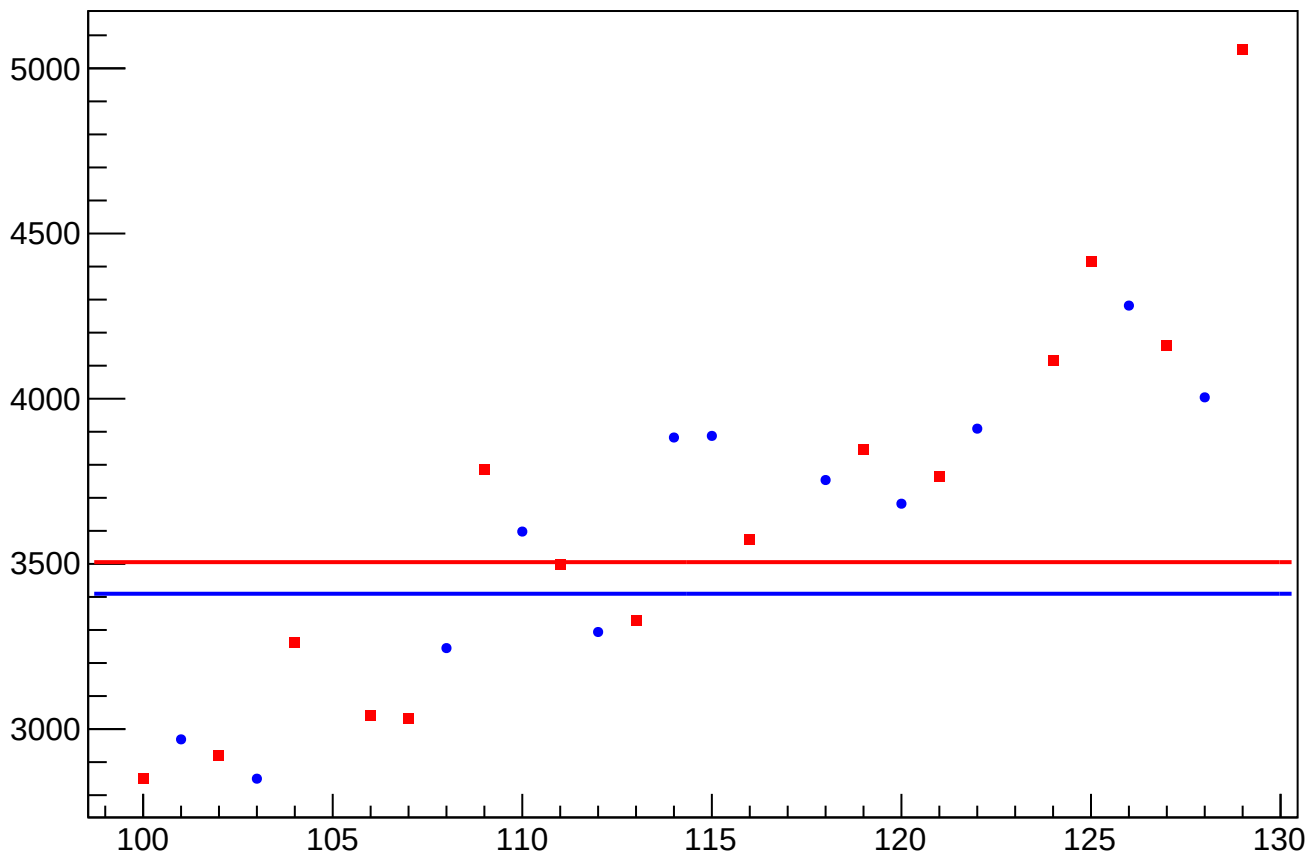
Right: 2.548 $\pm$ 1.058 χ^2 /NDF: 29.6/26

In: 1.842 $\pm$ 1.540 χ^2 /NDF:16.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.548 $\pm$ 1.058 χ^2 /NDF: 29.6/26

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3409.663+/-1.089 χ^2/NDF : 170135.4/11

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

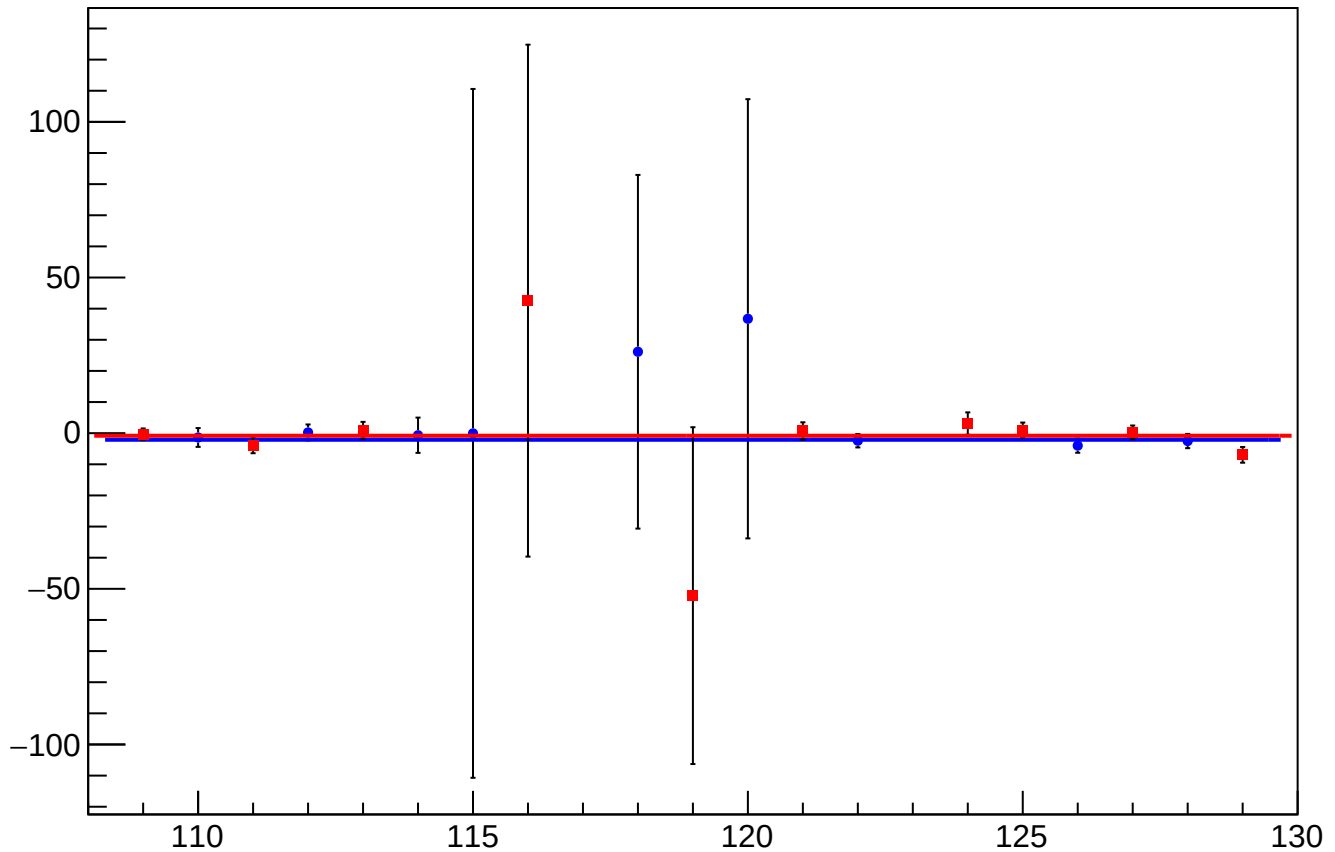
Right: 3460.142+/-0.748 χ^2/NDF : 426199.5/26

In: 3409.663+/-1.089 χ^2/NDF : 170135.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3460.142+/-0.748 χ^2/NDF : 426199.5/26

diff_bpm1p02bX_mean vs Slug, Sign Corrected



Right In: -2.116+/-1.059 χ^2/NDF : 2.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.819+/-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

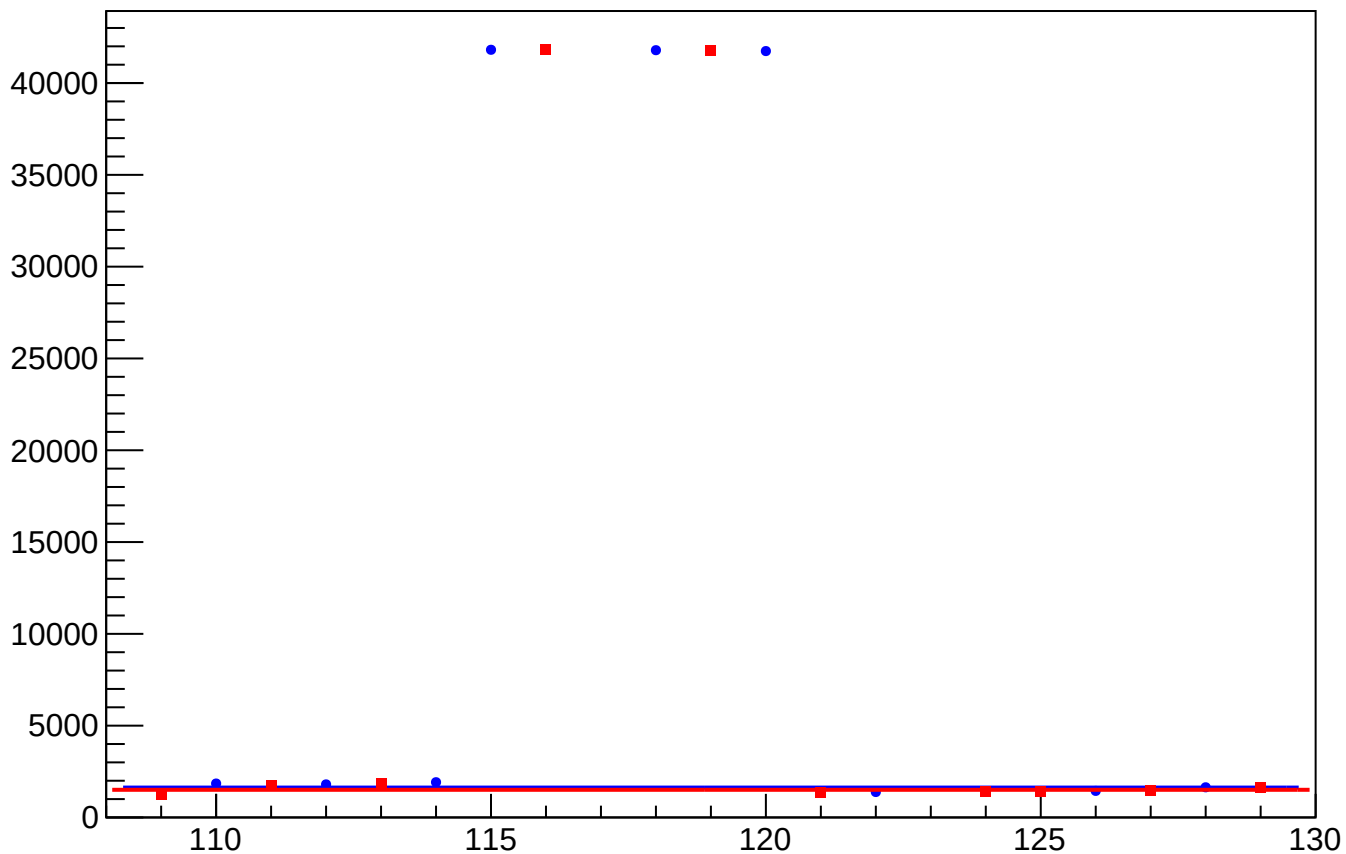
Right: -1.344+/-0.674 χ^2/NDF : 14.4/18

In: -2.116+/-1.059 χ^2/NDF : 2.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.344+/-0.674 χ^2/NDF : 14.4/18

diff_bpm1p02bX_rms vs Slug, Sign Corrected



Right In: 1627.453+/-0.749 χ^2/NDF : 1973060.2/8

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

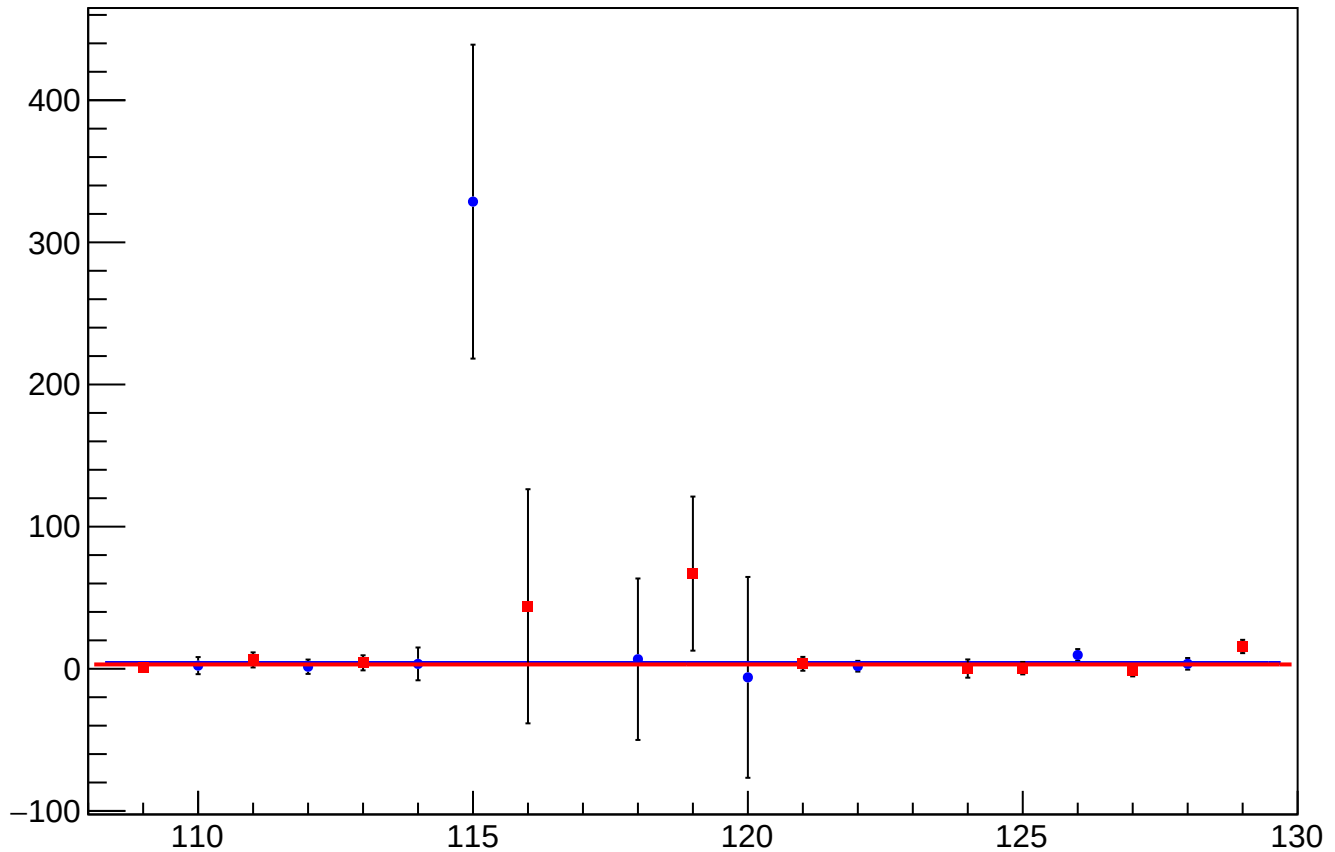
Right: 1555.238+/-0.476 χ^2/NDF : 3682439.1/18

In: 1627.453+/-0.749 χ^2/NDF : 1973060.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1555.238+/-0.476 χ^2/NDF : 3682439.1/18

diff_bpm1p02bY_mean vs Slug, Sign Corrected



Right In: 4.065+/-1.951 χ^2/NDF : 11.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

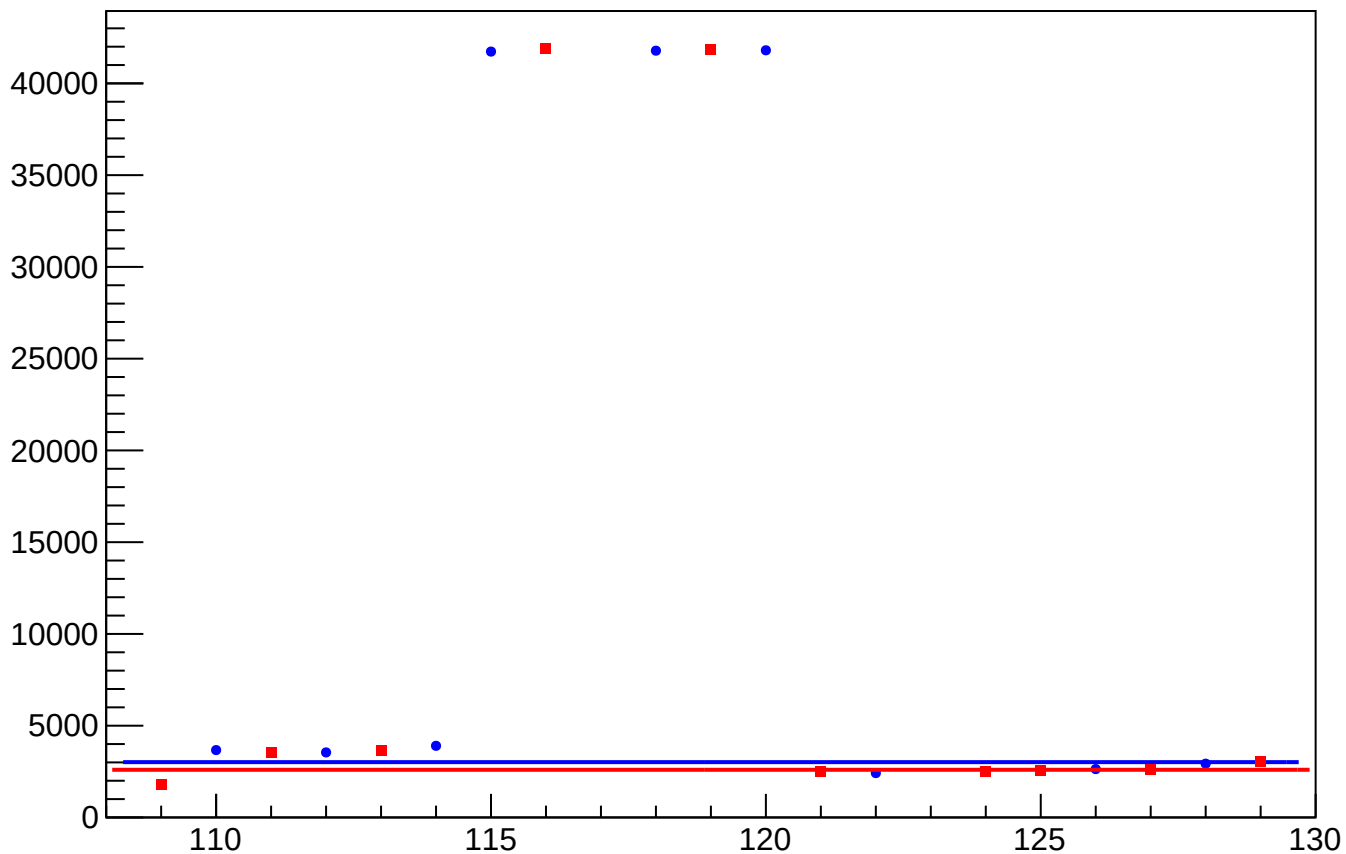
Right: 3.443+/-1.206 χ^2/NDF : 23.3/18

In: 4.065+/-1.951 χ^2/NDF : 11.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.443+/-1.206 χ^2/NDF : 23.3/18

diff_bpm1p02bY_rms vs Slug, Sign Corrected



Right In: 3014.458+/-1.380 χ^2/NDF : 1905774.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

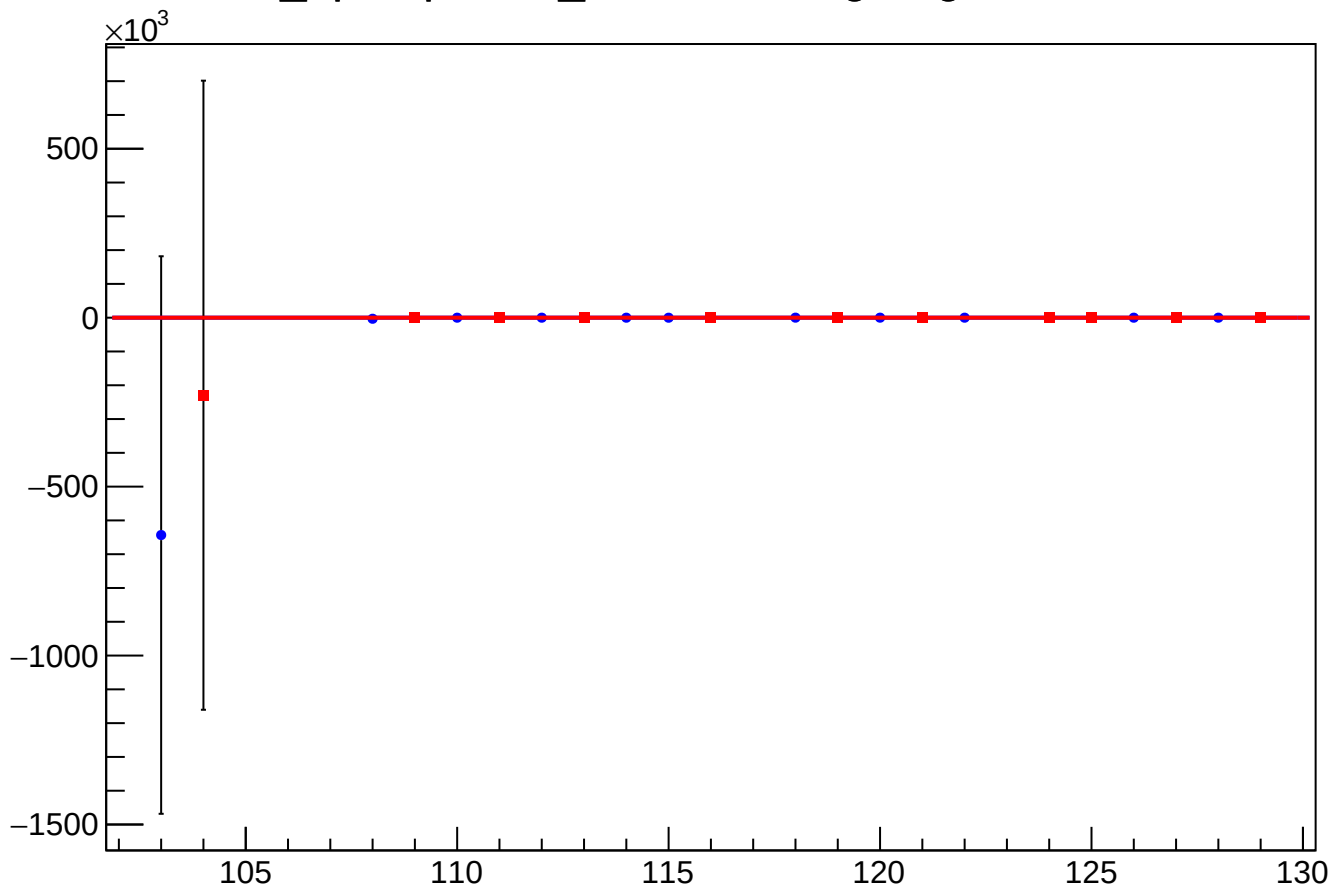
Right: 2756.817+/-0.852 χ^2/NDF : 3784503.7/18

In: 3014.458+/-1.380 χ^2/NDF : 1905774.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2756.817+/-0.852 χ^2/NDF : 3784503.7/18

diff_bpm1p03aX_mean vs Slug, Sign Corrected



Right In: 2.355+/-1.905 χ^2/NDF : 12.0/10

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

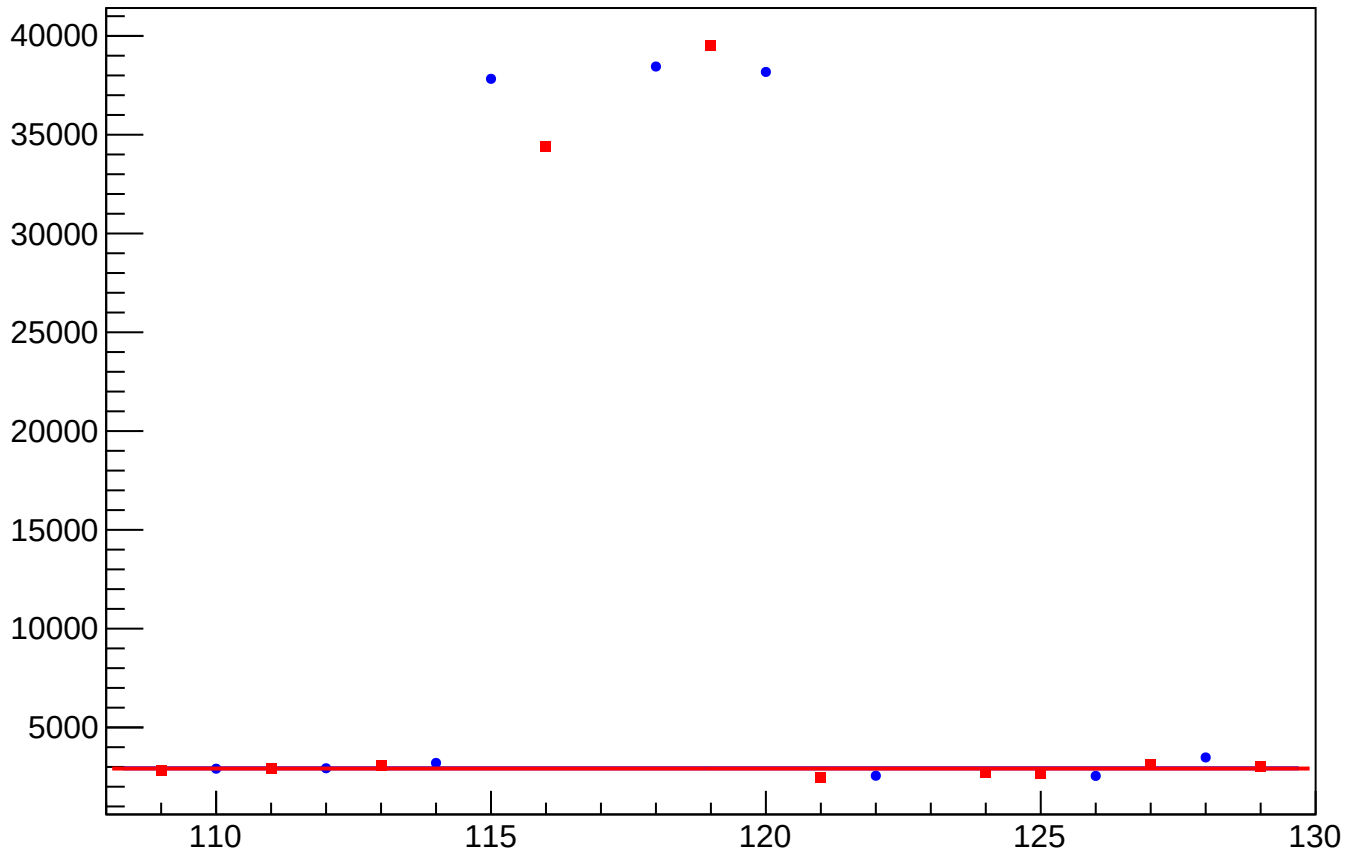
Right: 3.916+/-1.251 χ^2/NDF : 22.8/21

In: 2.355+/-1.905 χ^2/NDF : 12.0/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.916+/-1.251 χ^2/NDF : 22.8/21

diff_bpm1p03aX_rms vs Slug, Sign Corrected



Right In: 2929.967 $\pm$ 1.347 χ^2 /NDF: 1817130.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2919.516 $\pm$ 1.173 χ^2 /NDF: 1487049.6/9

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

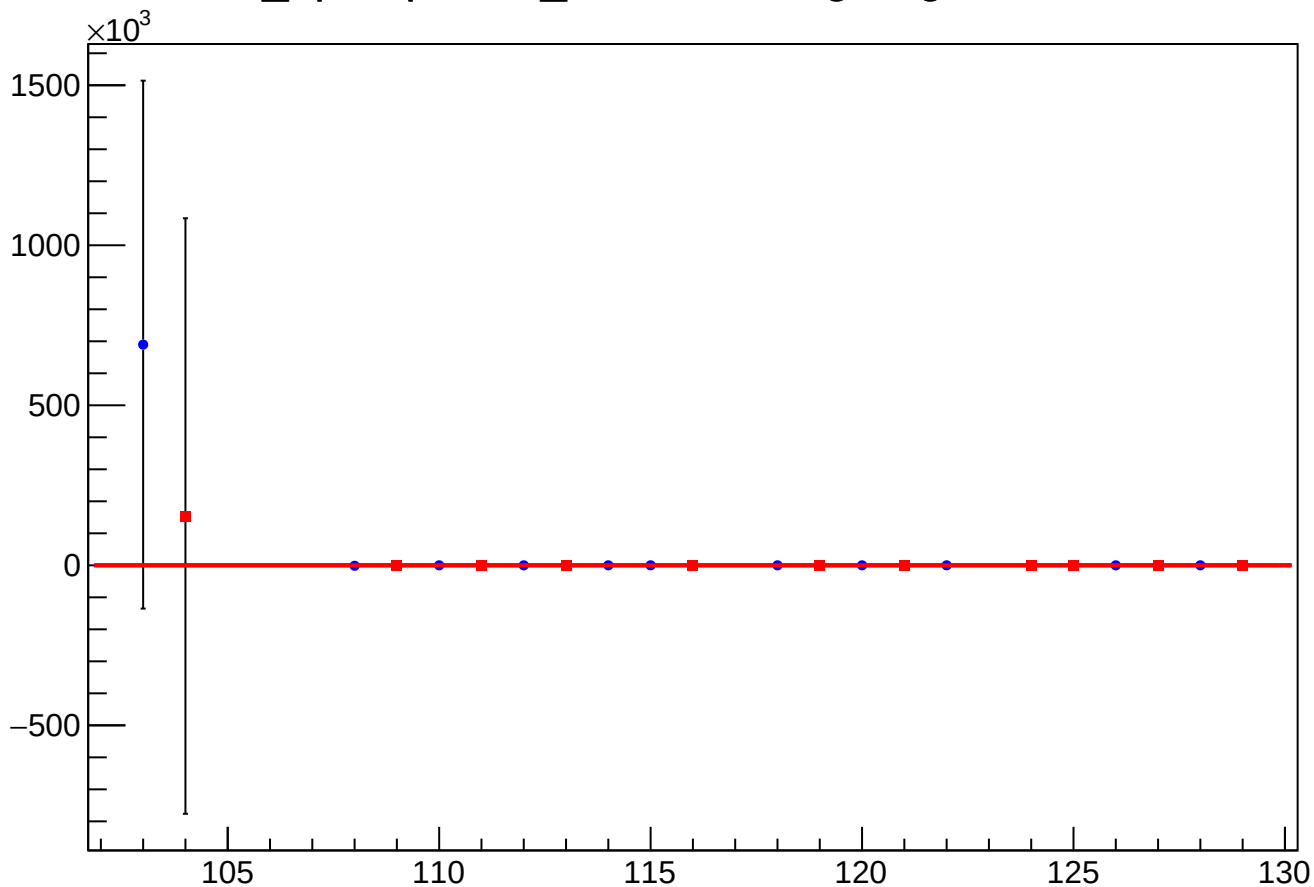
Right: 2924.024 $\pm$ 0.885 χ^2 /NDF: 3304214.7/18

In: 2929.967 $\pm$ 1.347 χ^2 /NDF:1817130.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2924.024 $\pm$ 0.885 χ^2 /NDF: 3304214.7/18

diff_bpm1p03aY_mean vs Slug, Sign Corrected



Right In: 1.819+/-1.790 χ^2/NDF : 3.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.264+/-1.388 χ^2/NDF : 12.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

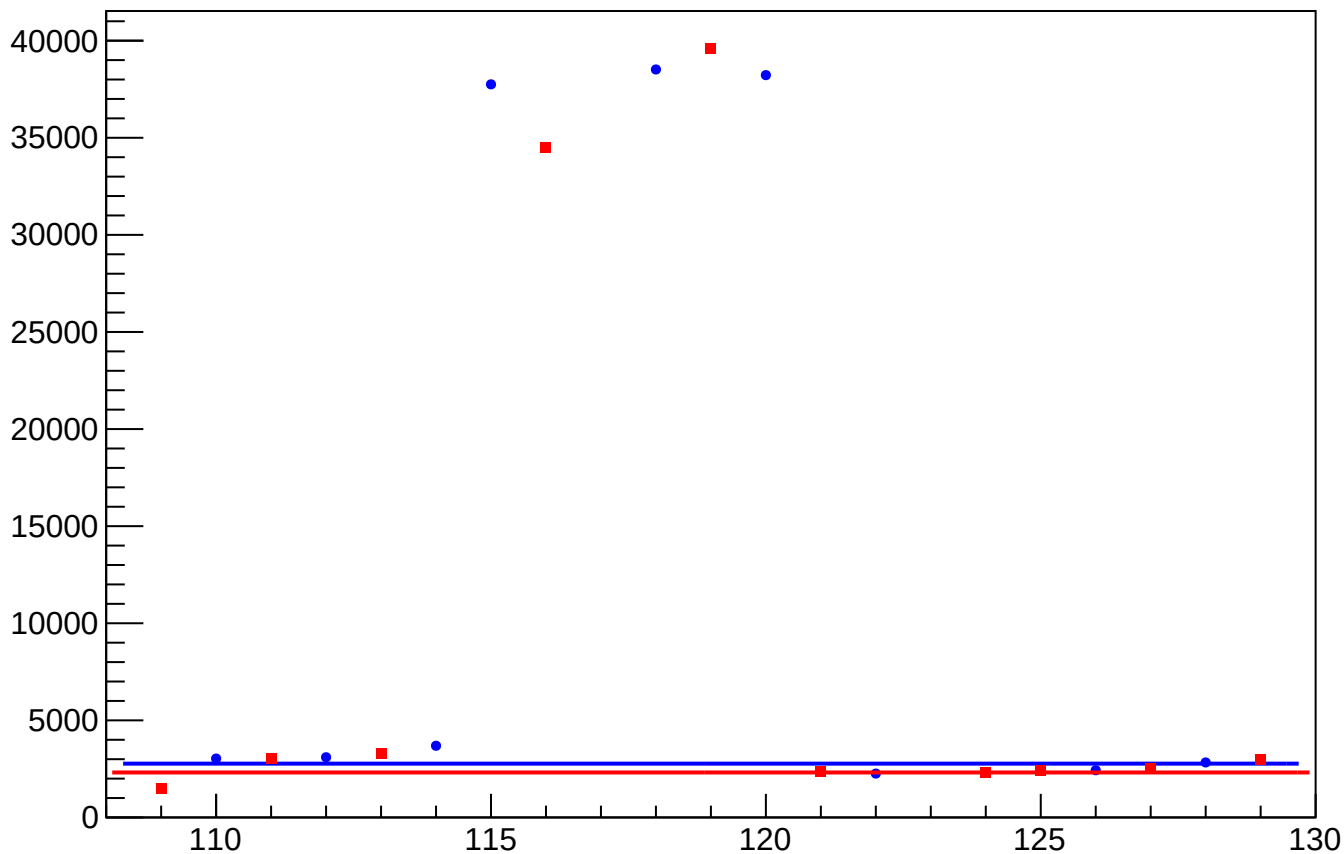
Right: 2.721+/-1.097 χ^2/NDF : 16.3/21

In: 1.819+/-1.790 χ^2/NDF : 3.4/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.721+/-1.097 χ^2/NDF : 16.3/21

diff_bpm1p03aY_rms vs Slug, Sign Corrected



Right In: 2771.565 $\pm$ 1.266 χ^2/NDF : 1862243.9/8

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

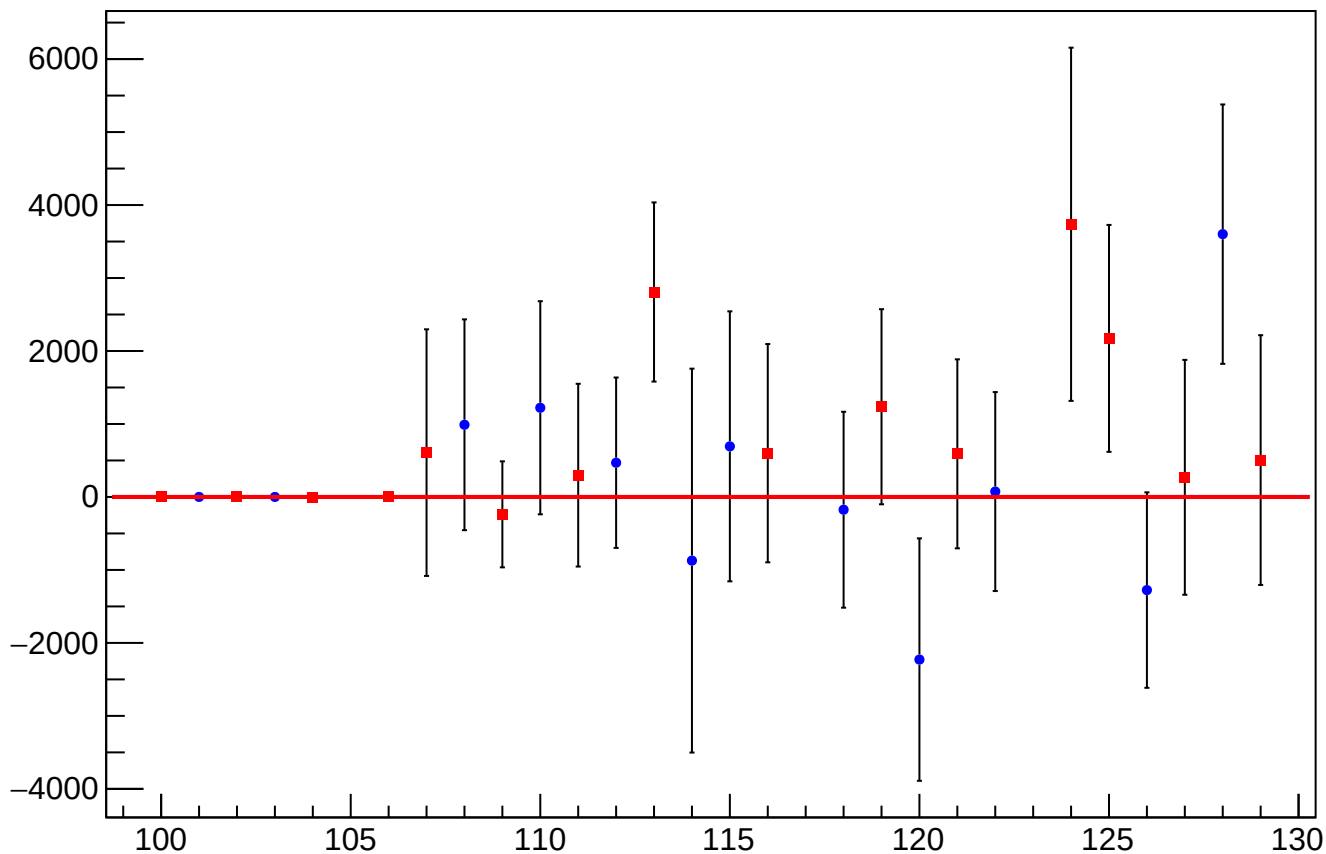
Right: 2487.394 $\pm$ 0.776 χ^2/NDF : 3884565.6/18

In: 2771.565 $\pm$ 1.266 χ^2/NDF : 1862243.9/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 2487.394 $\pm$ 0.776 χ^2/NDF : 3884565.6/18

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.256+/-0.356 χ^2/NDF : 8.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.096+/-0.328 χ^2/NDF : 14.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

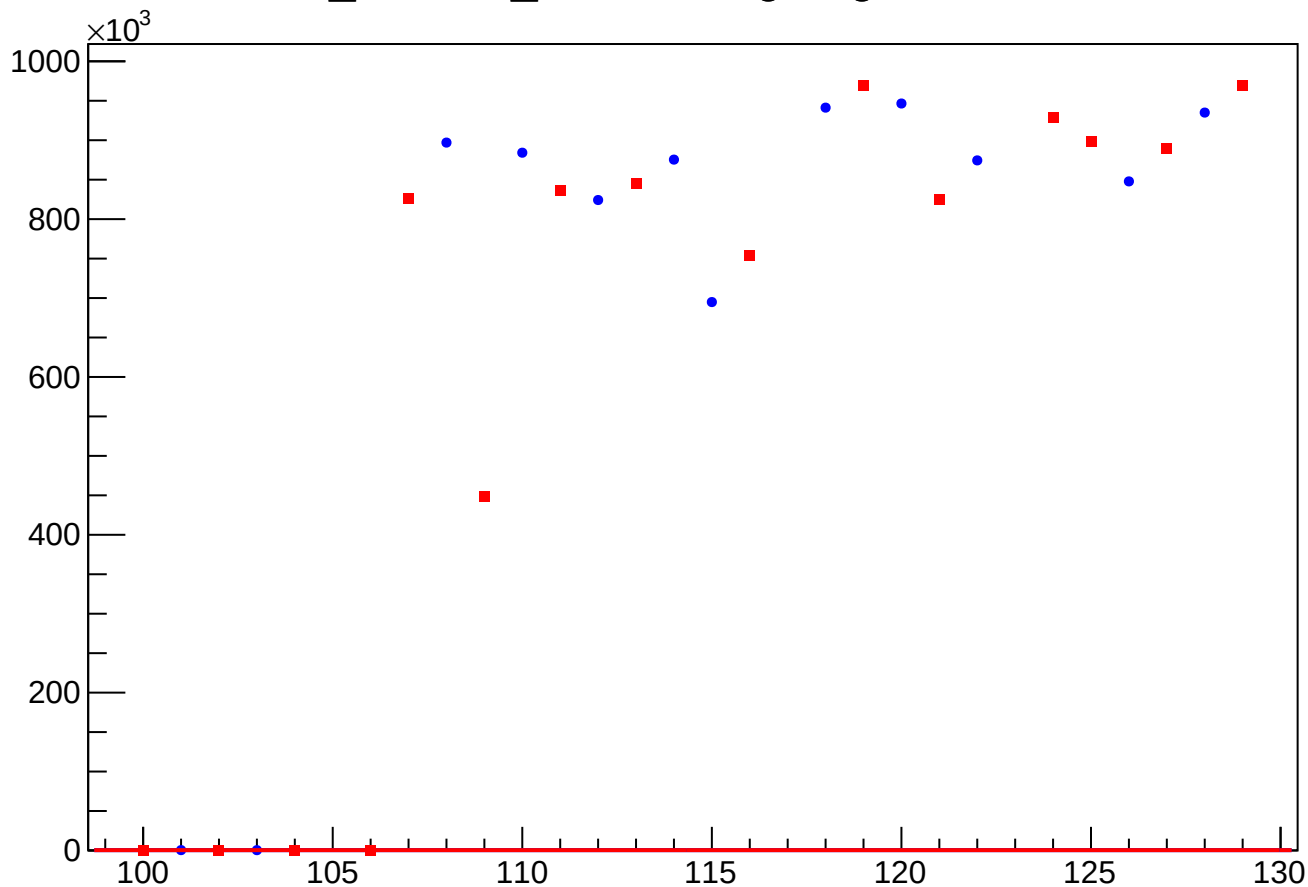
Right: 0.066+/-0.241 χ^2/NDF : 23.7/26

In: 0.256+/-0.356 χ^2/NDF : 8.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.066+/-0.241 χ^2/NDF : 23.7/26

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

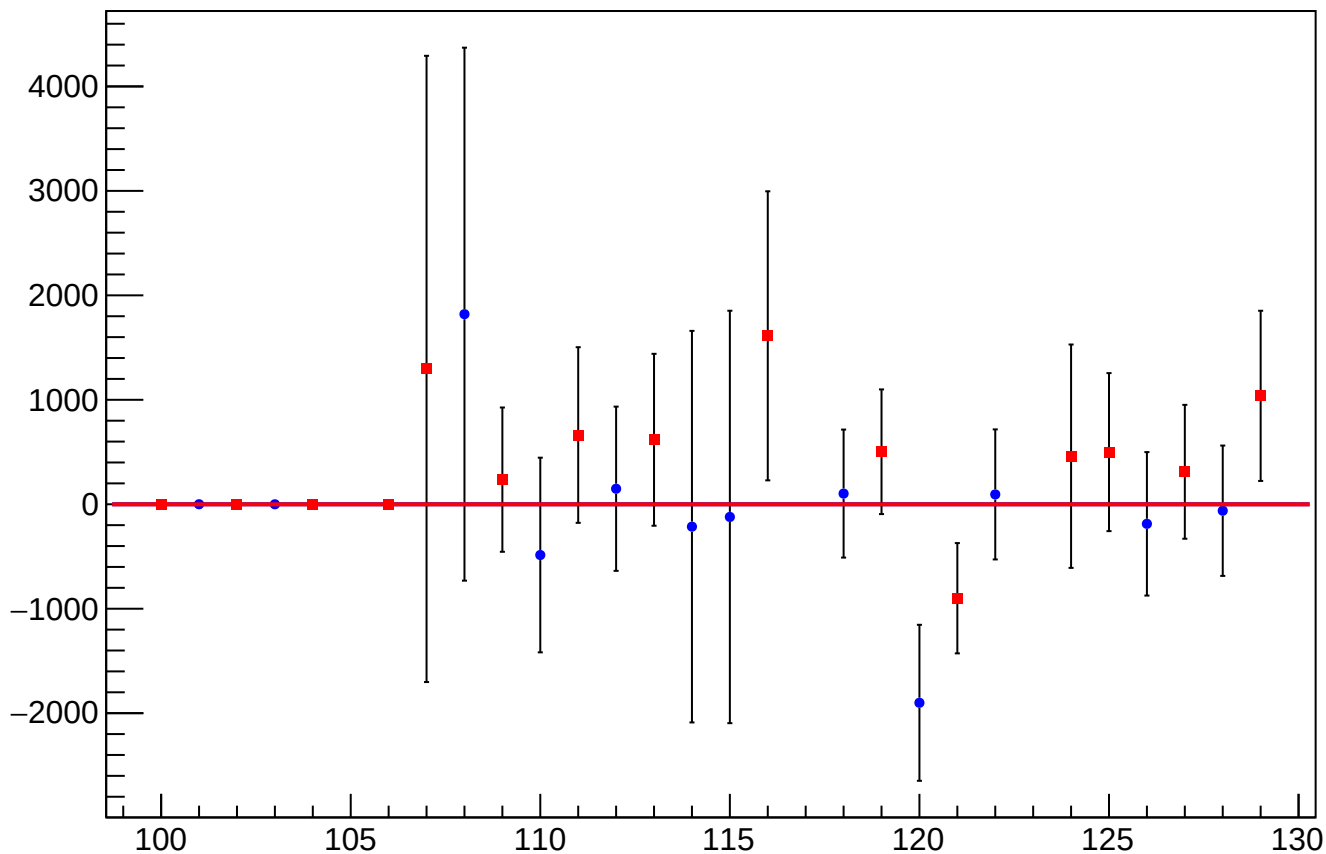
Right: 395.625 $\pm$ 0.170 χ^2/NDF : 11843911.7/26

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 : 8.2/11

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

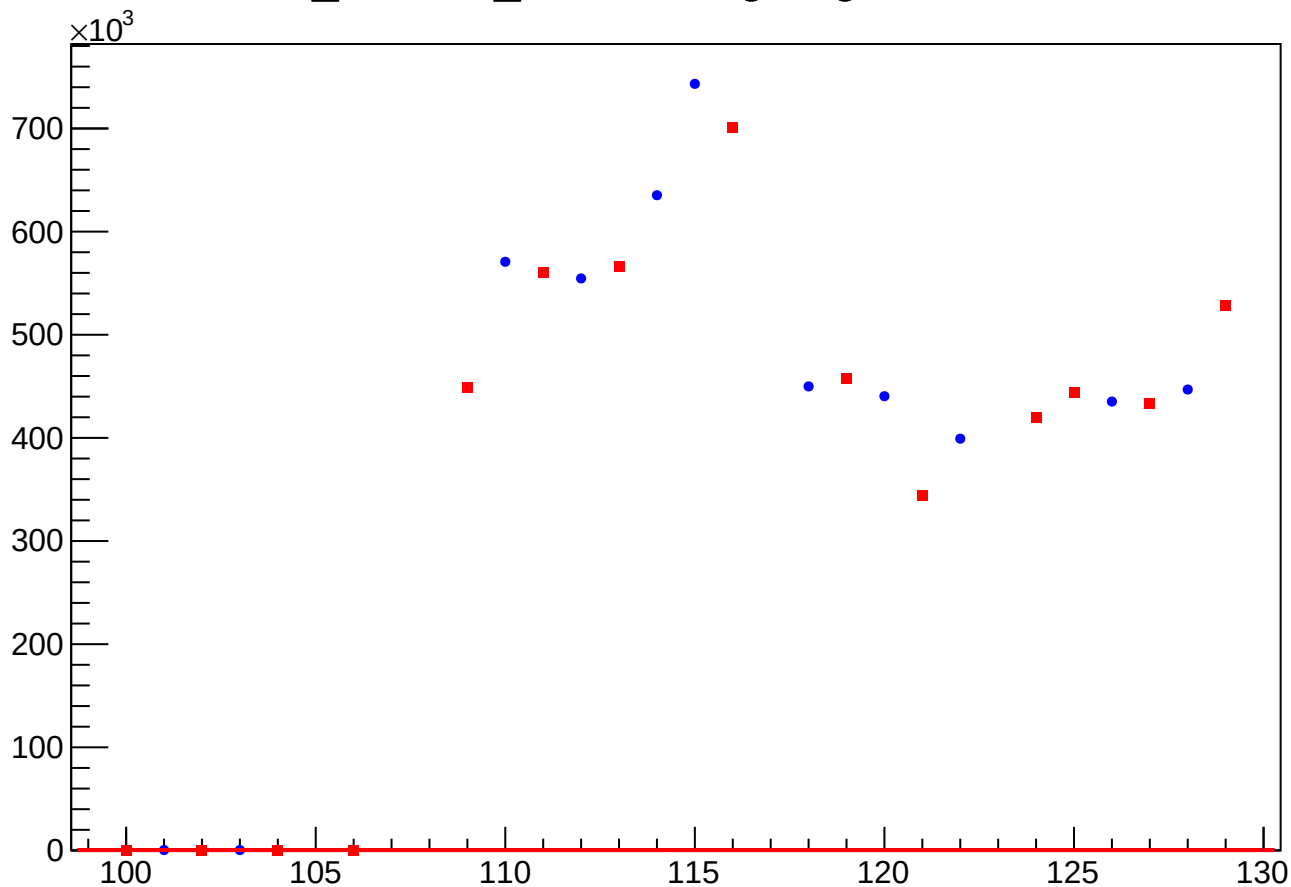
Right: -0.329+/-0.237 χ^2/NDF : 18.7/26

In: -0.020+/-0.347 χ^2/NDF :8.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.329+/-0.237 χ^2/NDF : 18.7/26

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 389.511 $\pm$ 0.245 χ^2/NDF : 6686745.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 387.460 $\pm$ 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

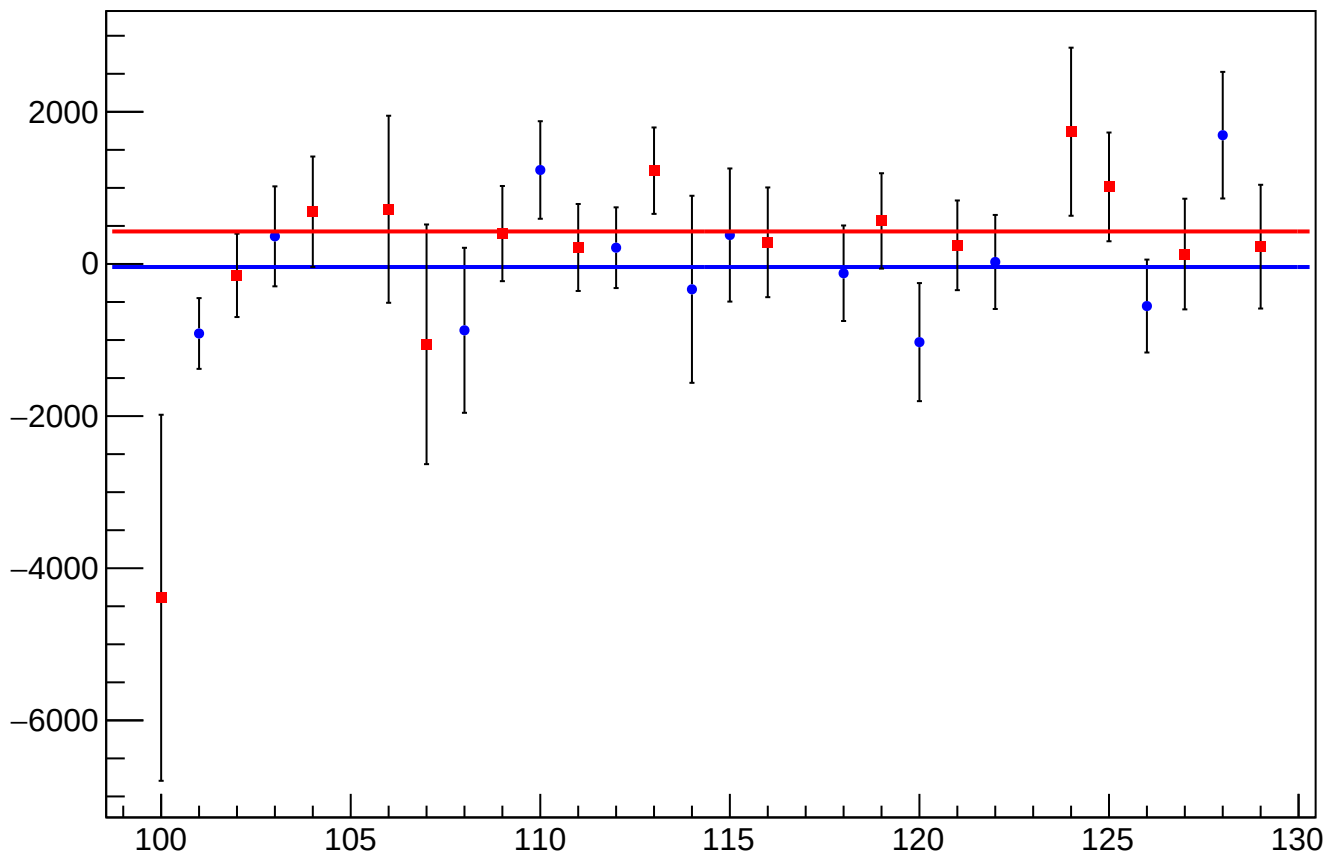
Right: 388.414 $\pm$ 0.167 χ^2/NDF : 14645390.0/24

In: 389.511 $\pm$ 0.245 χ^2/NDF : 6686745.5/10

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 388.414 $\pm$ 0.167 χ^2/NDF : 14645390.0/24

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: -40.119+/-193.608 χ^2/NDF : 15.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 427.427+/-186.652 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

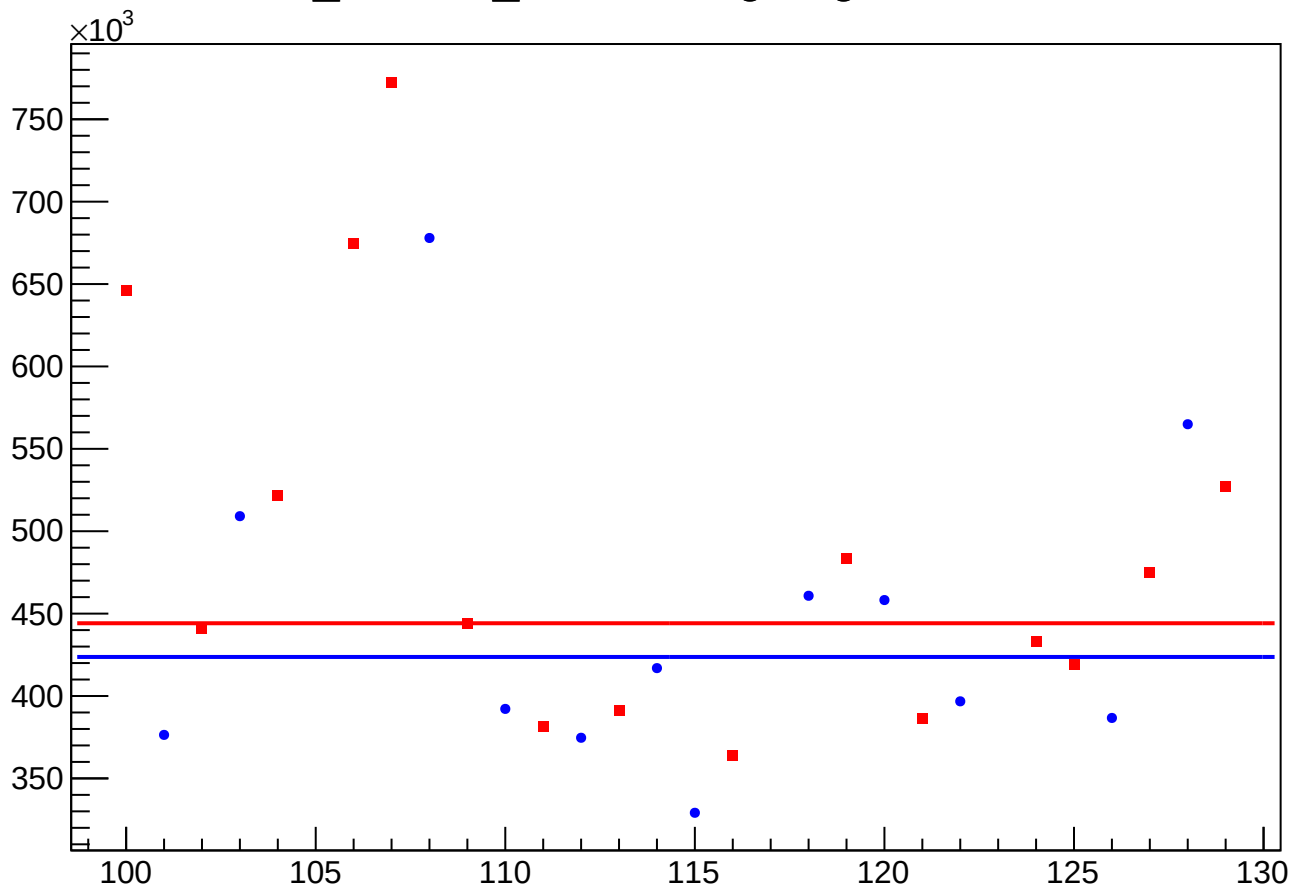
Right: 202.204+/-134.375 χ^2/NDF : 29.5/26

In: -40.119+/-193.608 χ^2/NDF :15.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

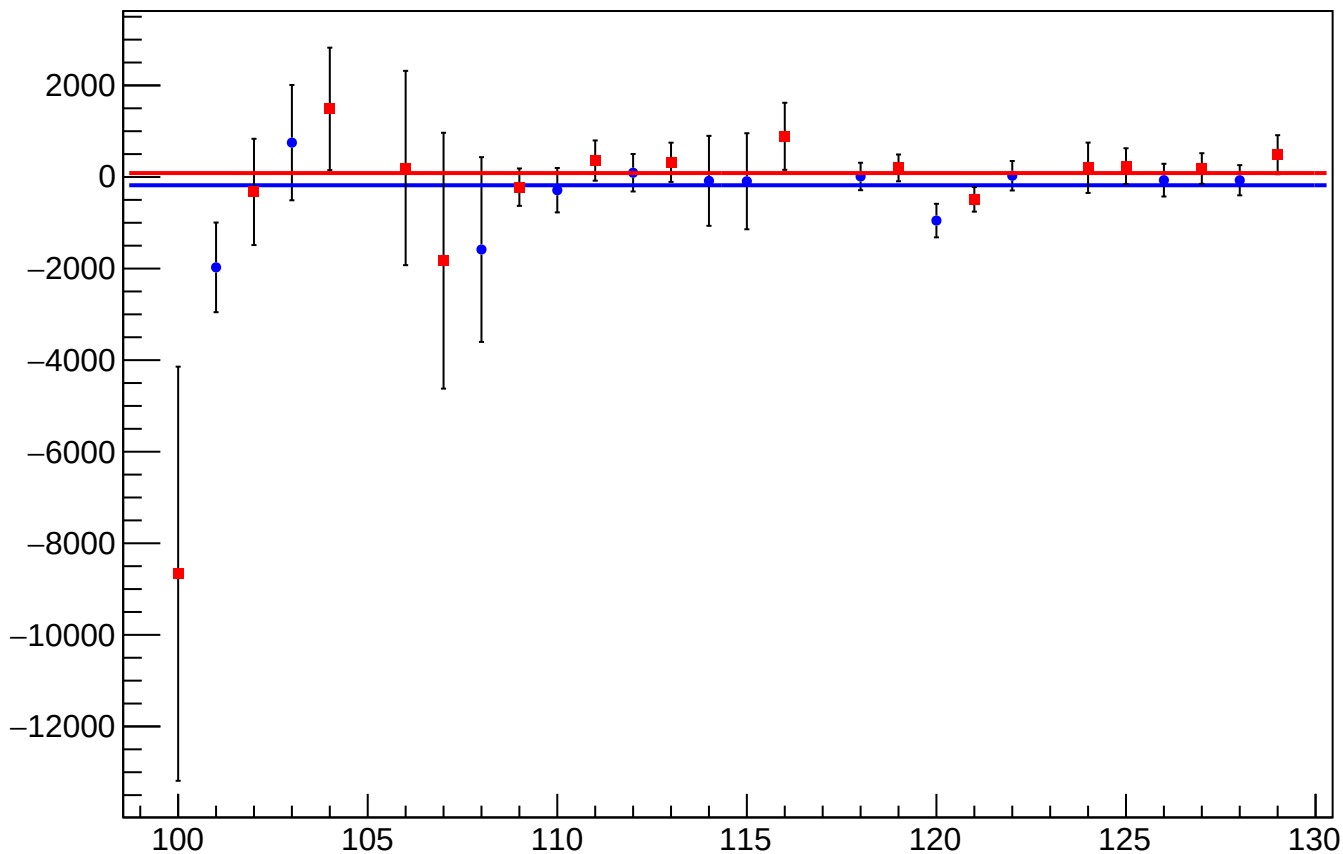
All: 202.204+/-134.375 χ^2/NDF : 29.5/26

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 423699.568 $\pm$ 136.945 χ^2/NDF : 288775.3/11
 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: 434300.616 $\pm$ 95.049 χ^2/NDF : 612395.9/26
 Right Out: 444154.483 $\pm$ 132.030 χ^2/NDF : 312057.9/14
 In: 423699.568 $\pm$ 136.945 χ^2/NDF : 288775.3/11
 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: 434300.616 $\pm$ 95.049 χ^2/NDF : 612395.9

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -180.481+/-129.800 χ^2/NDF : 10.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

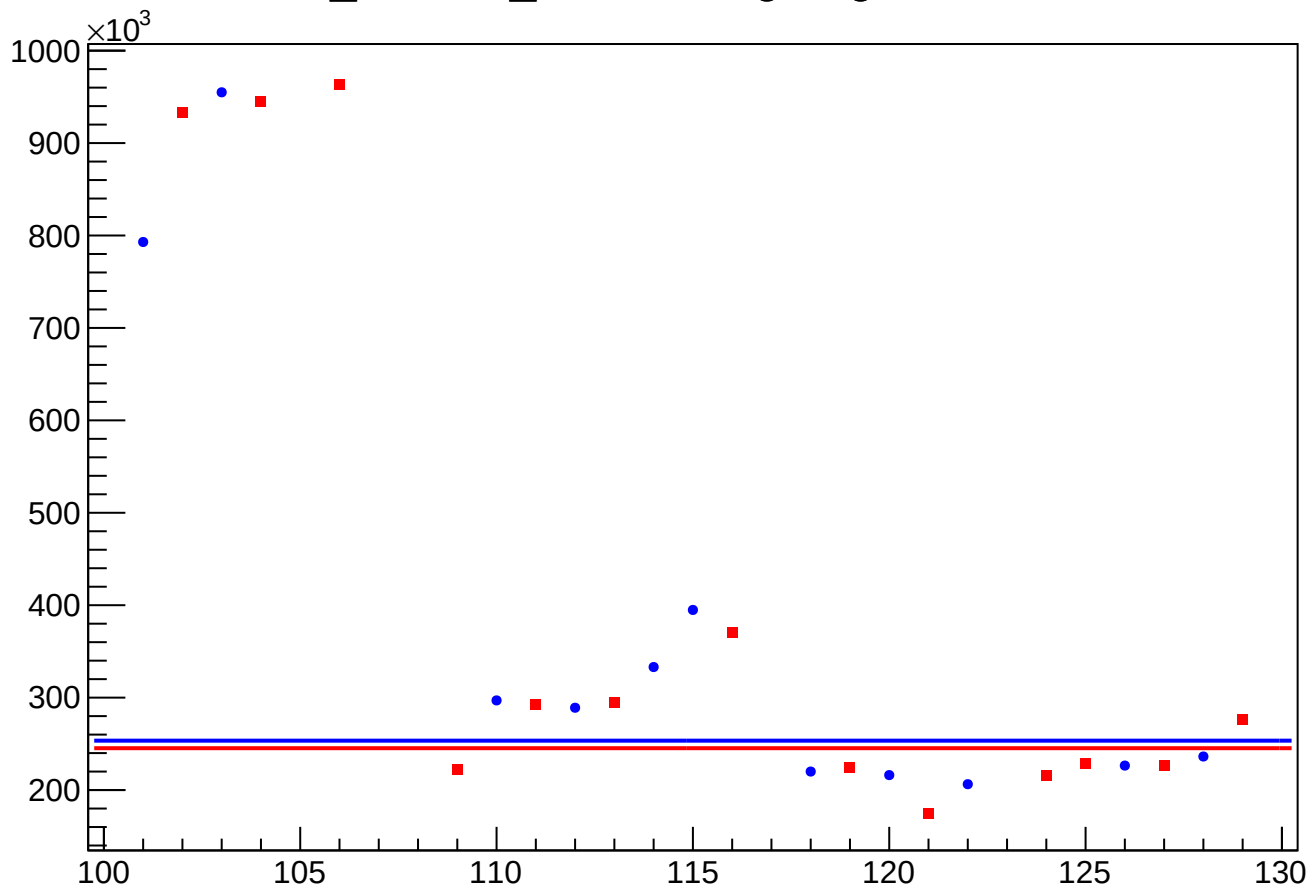
Right: -36.301+/-87.889 χ^2/NDF : 26.4/26

In: -180.481+/-129.800 χ^2/NDF : 10.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

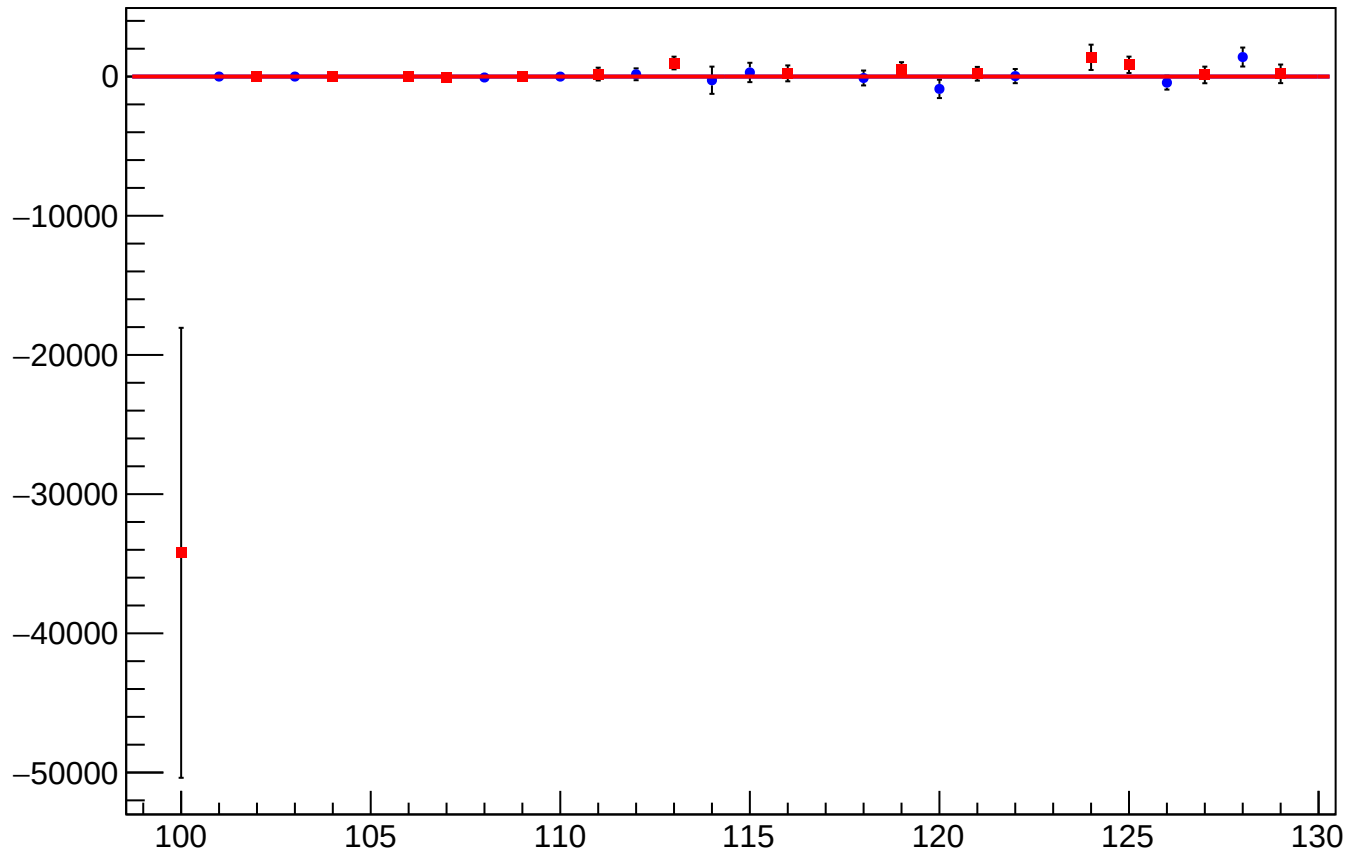
All: -36.301+/-87.889 χ^2/NDF : 26.4/26

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 253443.861 $\pm$ 92.130 χ^2/NDF : 1216890.4/10
 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: 249028.470 $\pm$ 62.411 χ^2/NDF : 2650516.1/23

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.035+/-0.172 χ^2/NDF : 8.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.355+/-0.160 χ^2/NDF : 15.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

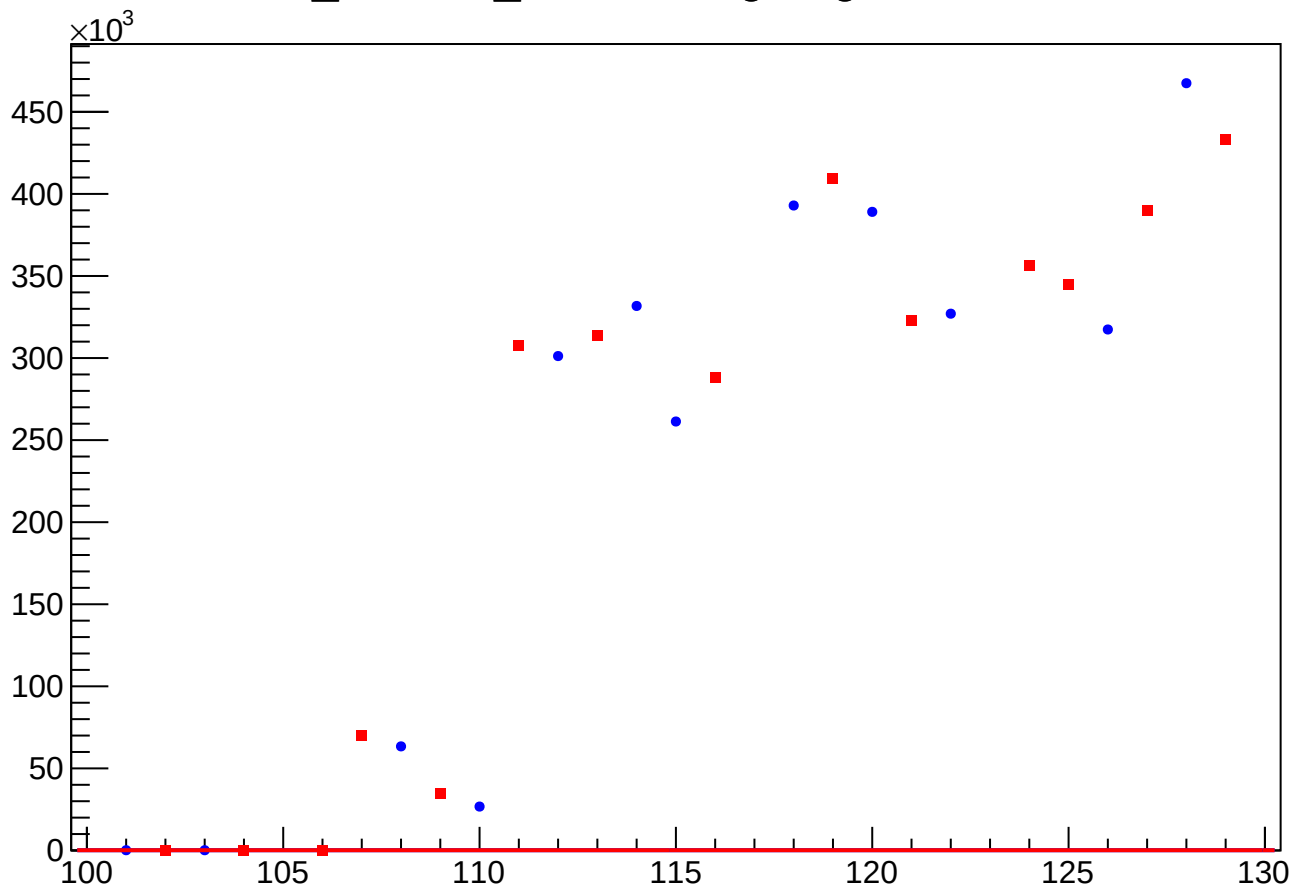
Right: 0.174+/-0.117 χ^2/NDF : 26.7/26

In: -0.035+/-0.172 χ^2/NDF : 8.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.174+/-0.117 χ^2/NDF : 26.7/26

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 148.868 $\pm$ 0.122 χ^2/NDF : 6900295.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 149.251 $\pm$ 0.113 χ^2/NDF : 8160630.2/13

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

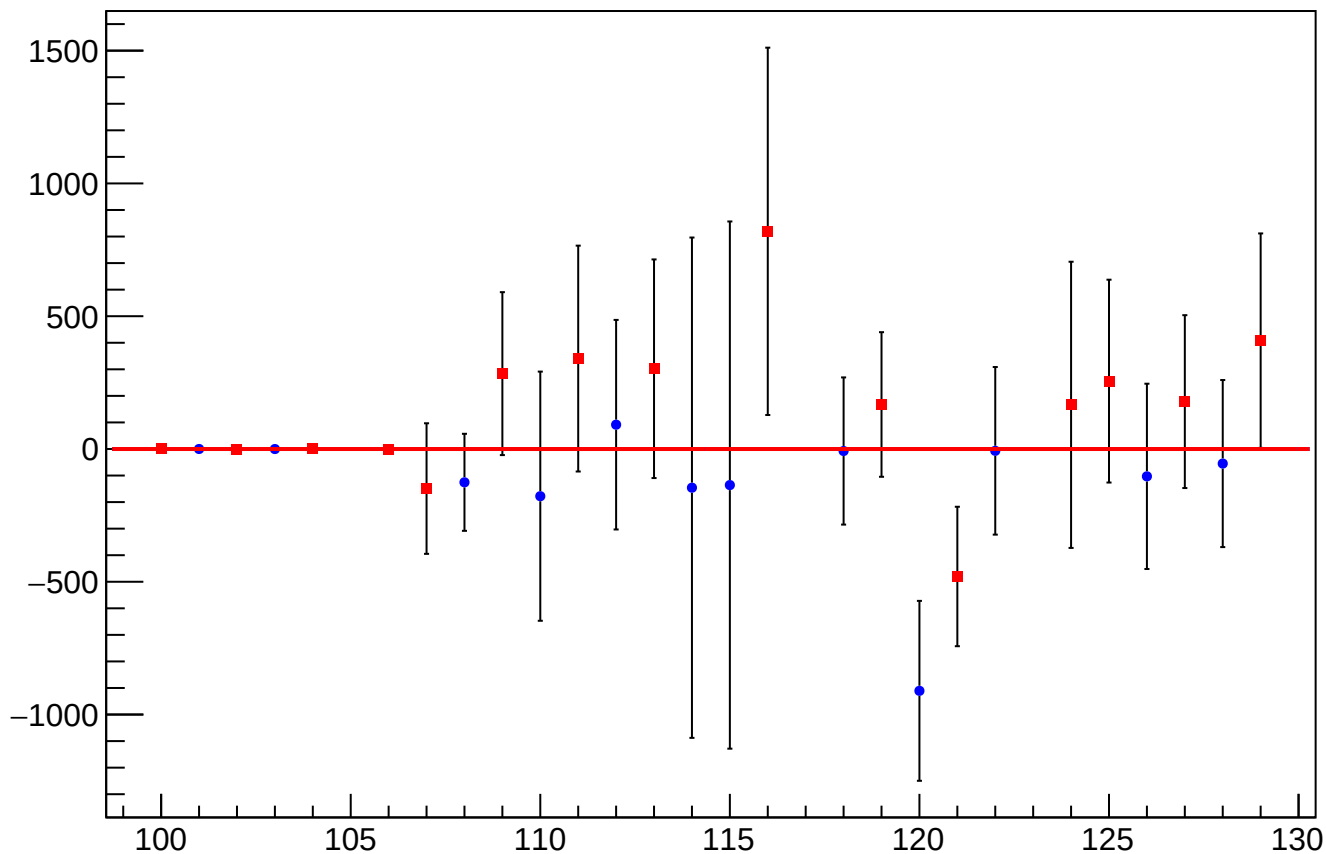
Right: 149.073 $\pm$ 0.083 χ^2/NDF : 15060930.6/25

In: 148.868 $\pm$ 0.122 χ^2/NDF : 6900295.1/11

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 149.073 $\pm$ 0.083 χ^2/NDF : 15060930.6/25

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: -0.068 ± 0.177 χ^2/NDF : 8.2/11

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

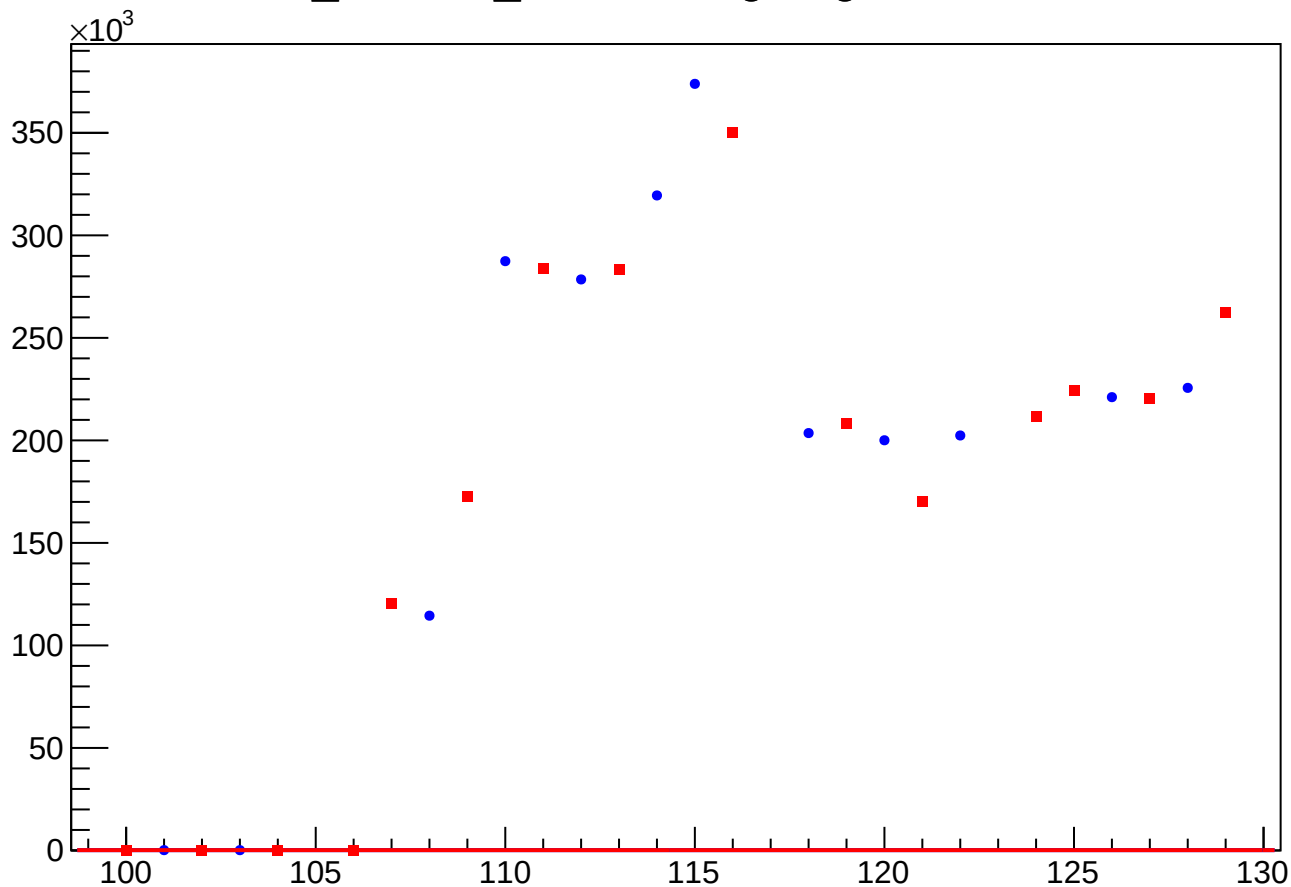
Right: -0.099 ± 0.121 χ^2/NDF : 17.8/26

In: -0.068 ± 0.177 χ^2/NDF : 8.2/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.099 ± 0.121 χ^2/NDF : 17.8/26

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 153.072 $\pm$ 0.125 χ^2/NDF : 7467645.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 155.880 $\pm$ 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

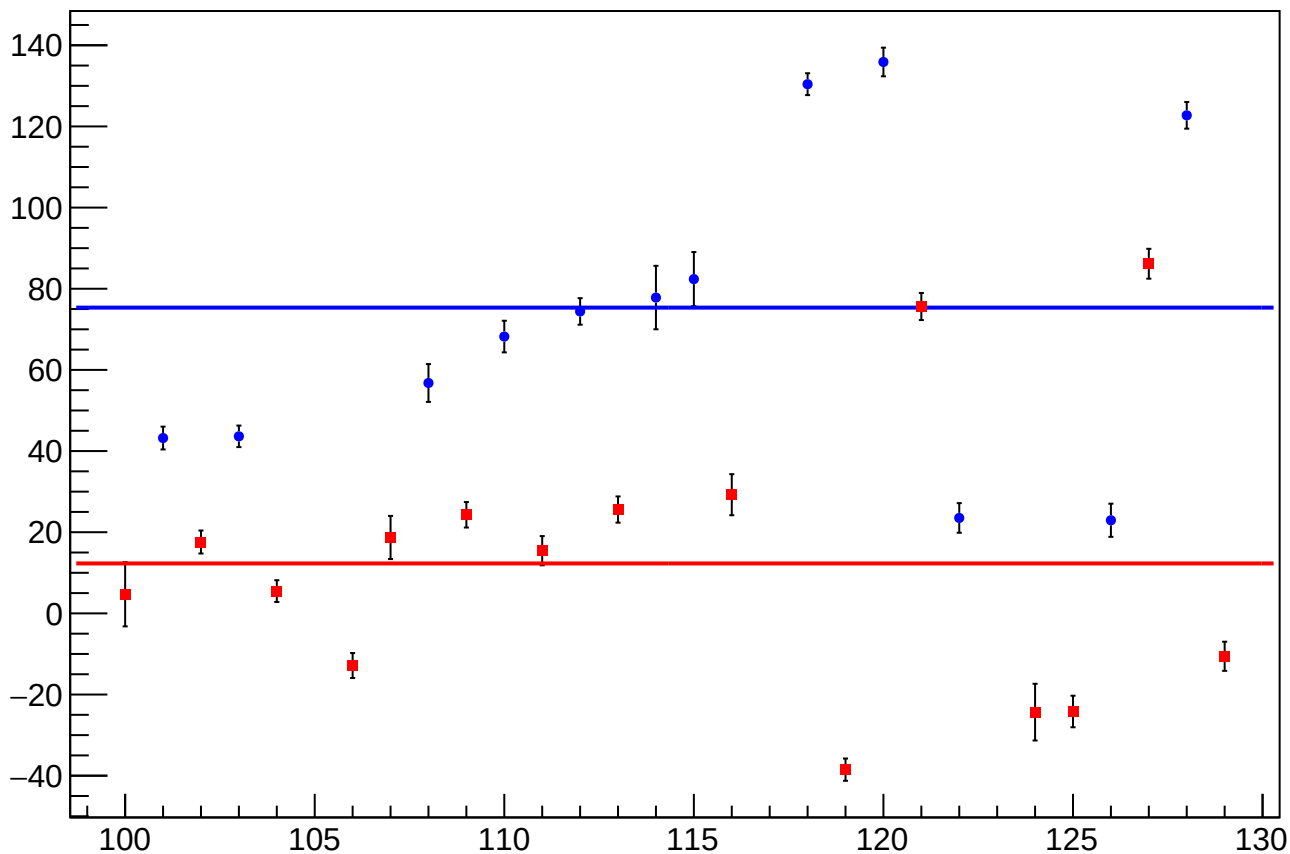
Right: 154.564 $\pm$ 0.086 χ^2/NDF : 15681386.8/26

In: 153.072 $\pm$ 0.125 χ^2/NDF : 7467645.0/11

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 154.564 $\pm$ 0.086 χ^2/NDF : 15681386.8/26

diff_bpm0i01X_mean vs Slug, Sign Corrected



Right In: 75.350+/-1.022 χ^2/NDF : 1579.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

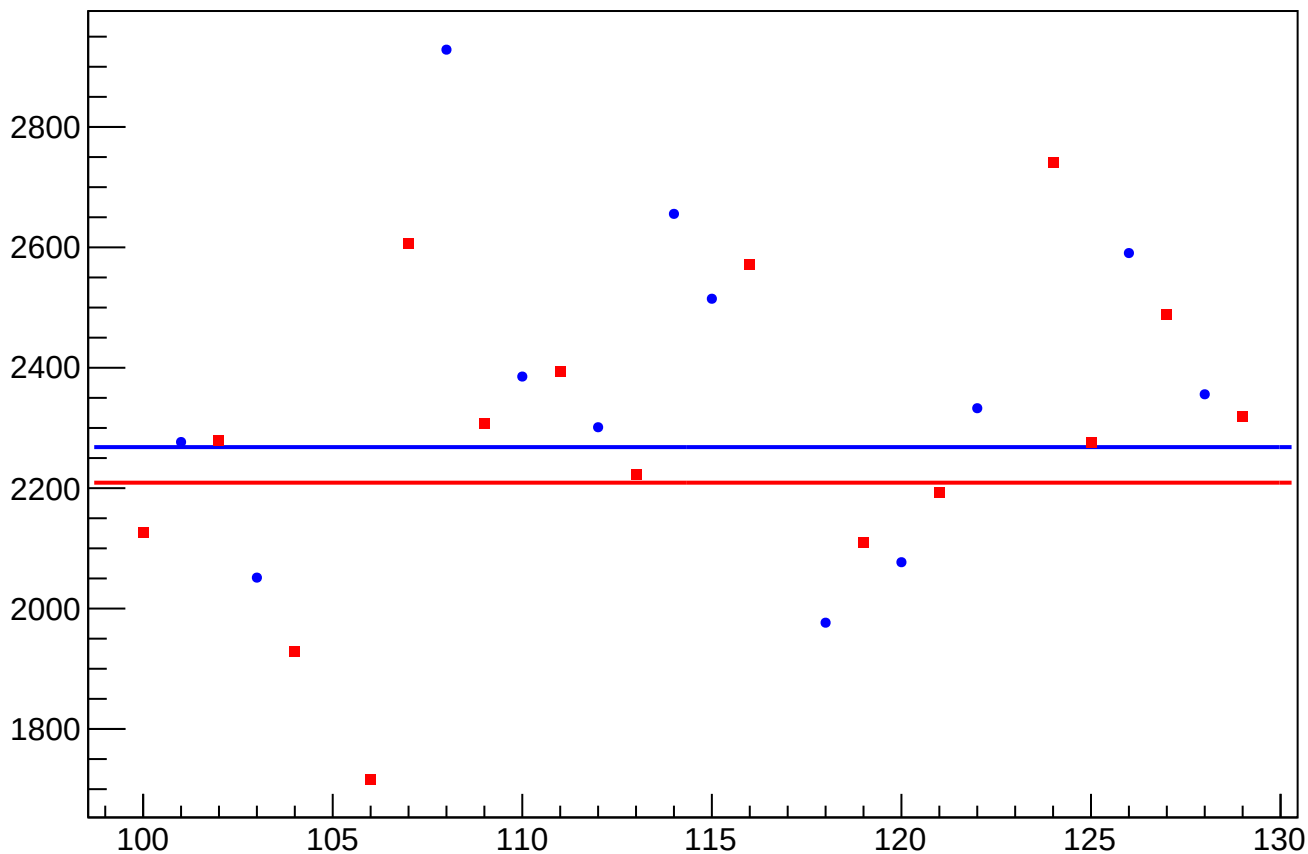
Right: 40.370+/-0.682 χ^2/NDF : 5075.9/26

In: 75.350+/-1.022 χ^2/NDF : 1579.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.370+/-0.682 χ^2/NDF : 5075.9/26

diff_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 2268.190+/-0.722 χ^2/NDF : 106906.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

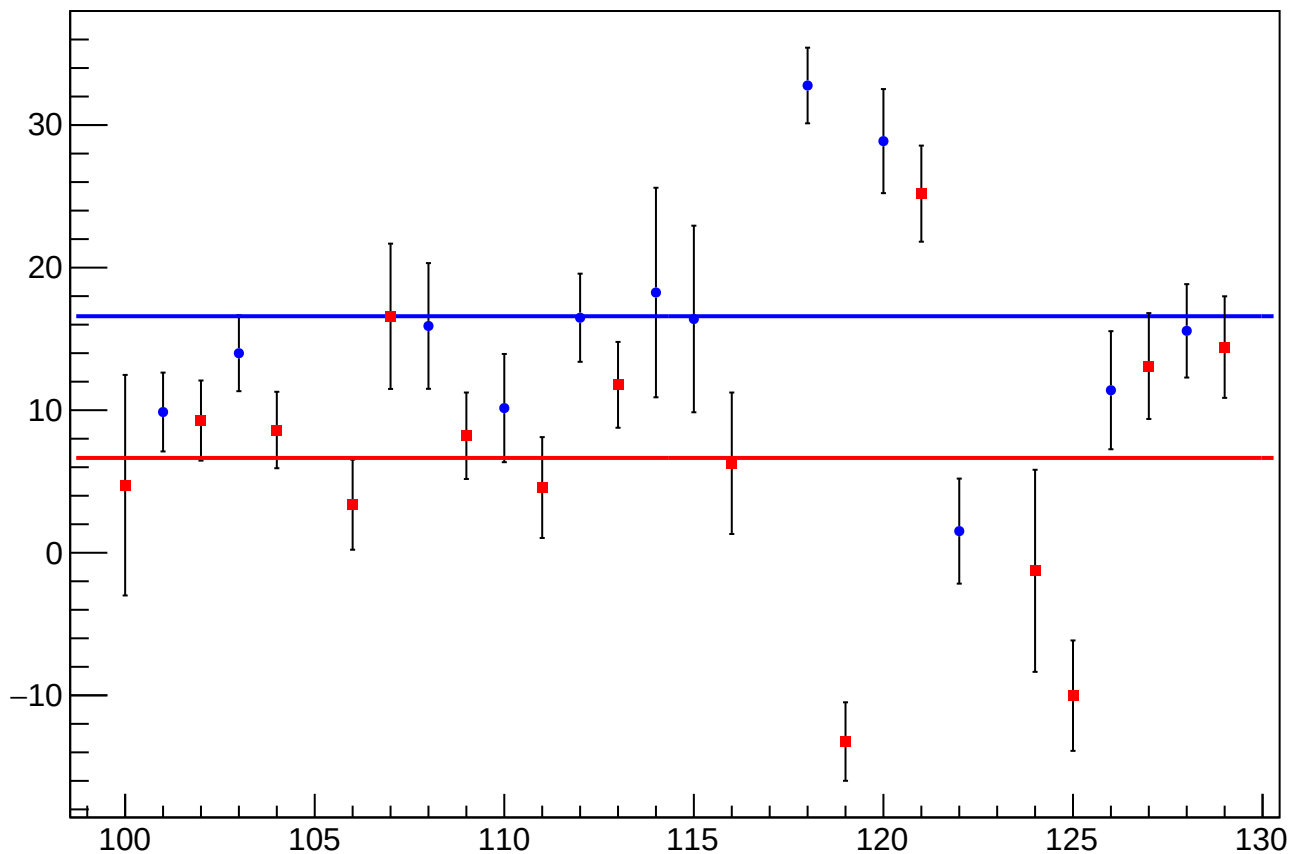
Right: 2235.409+/-0.482 χ^2/NDF : 242245.8/26

In: 2268.190+/-0.722 χ^2/NDF : 106906.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2235.409+/-0.482 χ^2/NDF : 242245.8/26

diff_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: 16.590 $\pm$ 1.009 χ^2 /NDF: 76.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.651 $\pm$ 0.906 χ^2 /NDF: 119.9/14

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

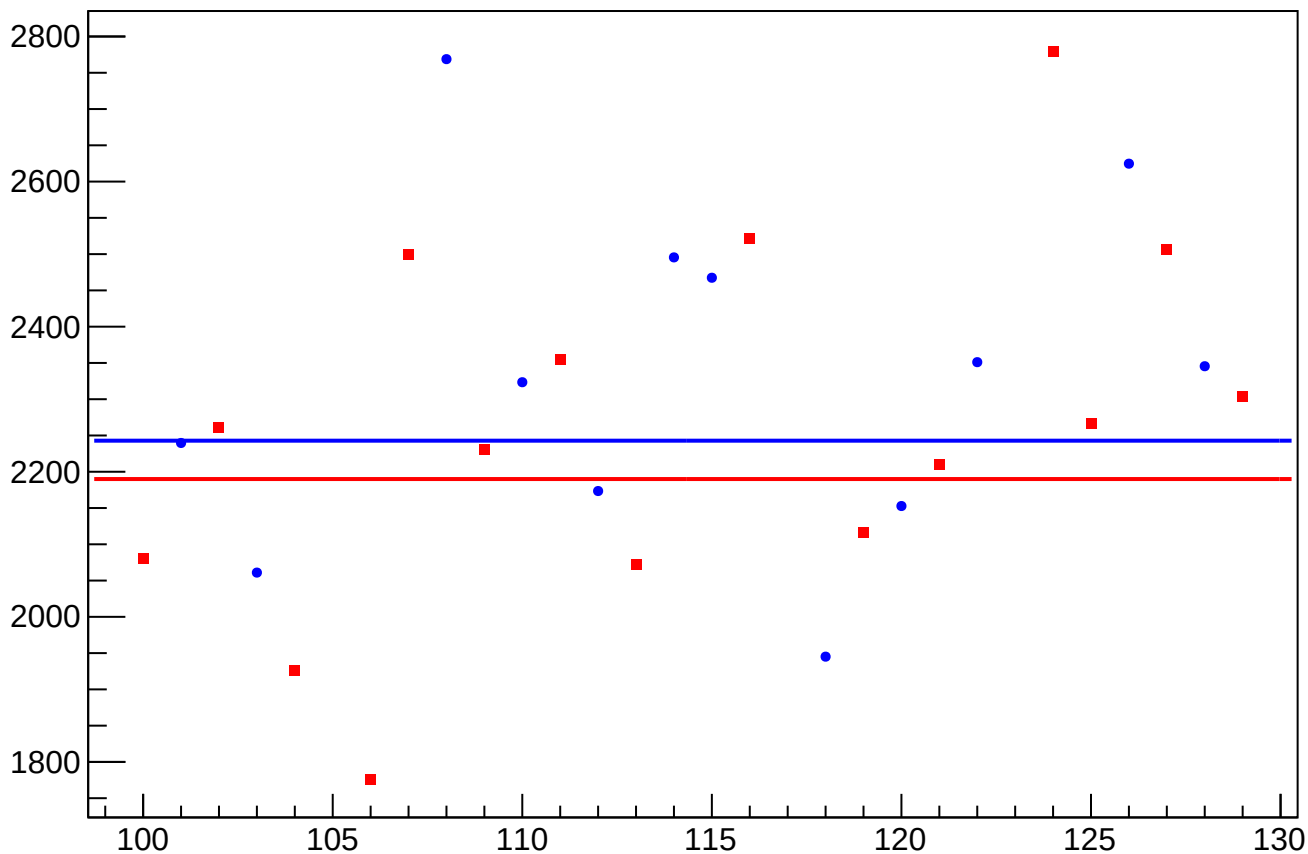
Right: 11.085 $\pm$ 0.674 χ^2 /NDF: 250.3/26

In: 16.590 $\pm$ 1.009 χ^2 /NDF: 76.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.085 $\pm$ 0.674 χ^2 /NDF: 250.3/26

diff_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 2242.839+/-0.714 χ^2/NDF : 91517.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

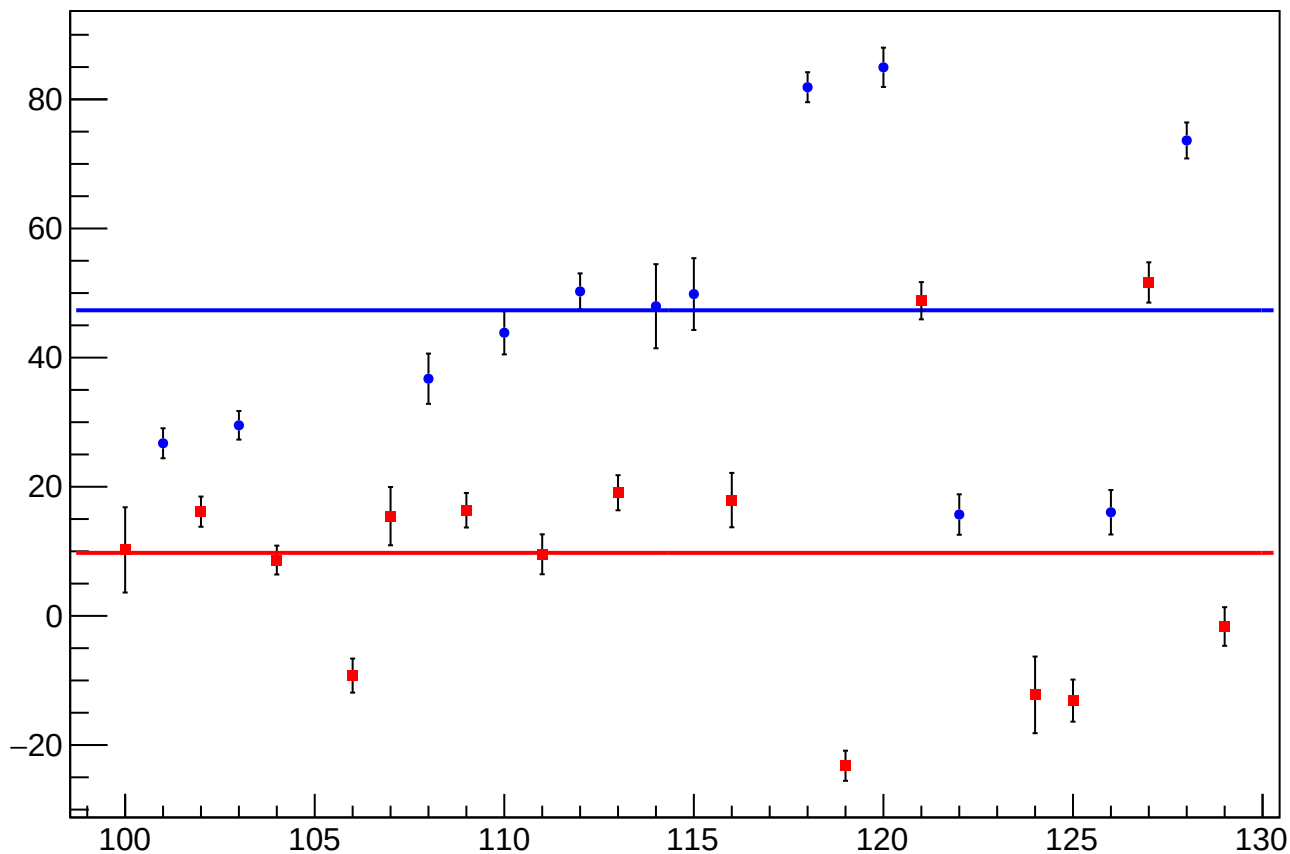
Right: 2213.546+/-0.477 χ^2/NDF : 206699.4/26

In: 2242.839+/-0.714 χ^2/NDF : 91517.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2213.546+/-0.477 χ^2/NDF : 206699.4/26

diff_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: 47.331+/-0.865 χ^2/NDF : 801.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.762+/-0.773 χ^2/NDF : 723.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

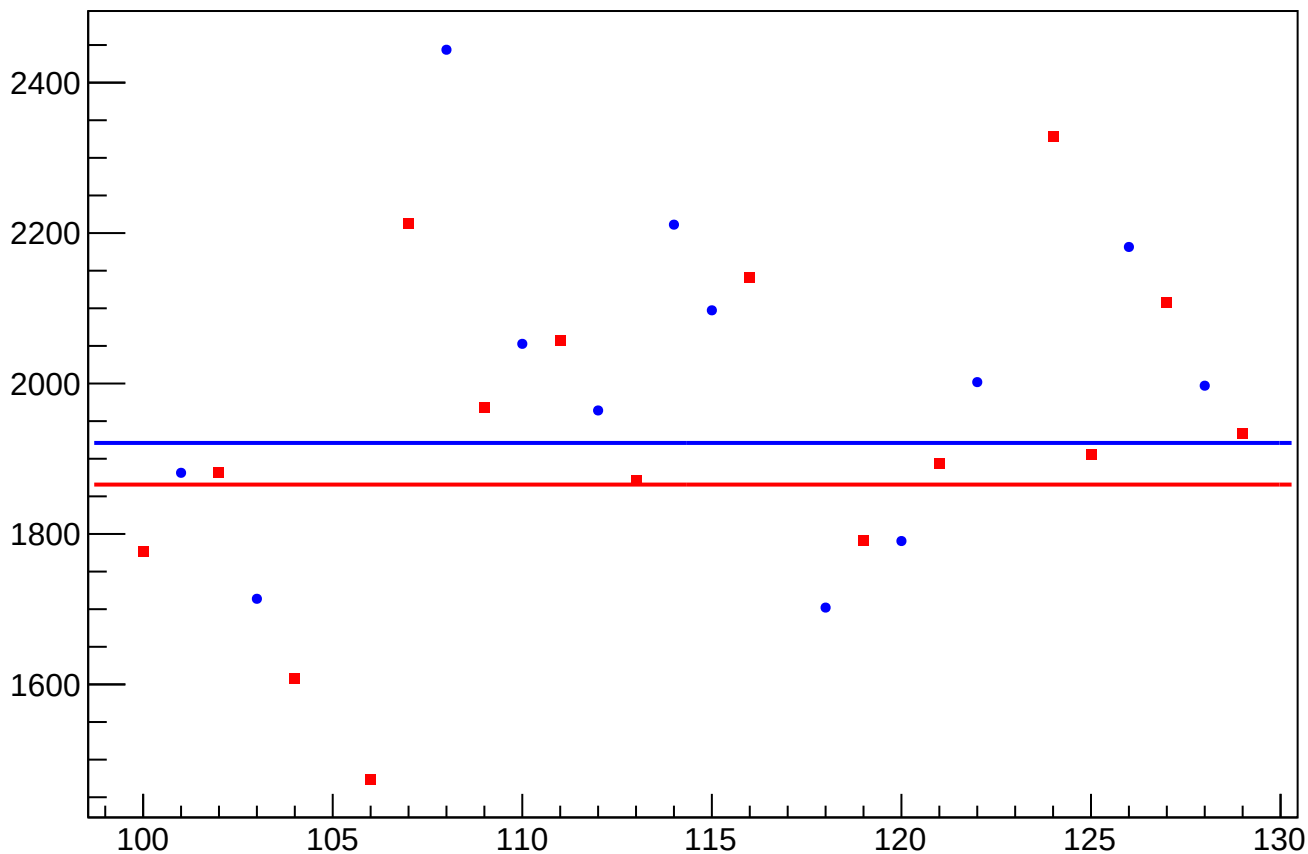
Right: 26.441+/-0.576 χ^2/NDF : 2574.7/26

In: 47.331+/-0.865 χ^2/NDF : 801.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.441+/-0.576 χ^2/NDF : 2574.7/26

diff_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 1921.018+/-0.611 χ^2/NDF : 99476.2/11

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

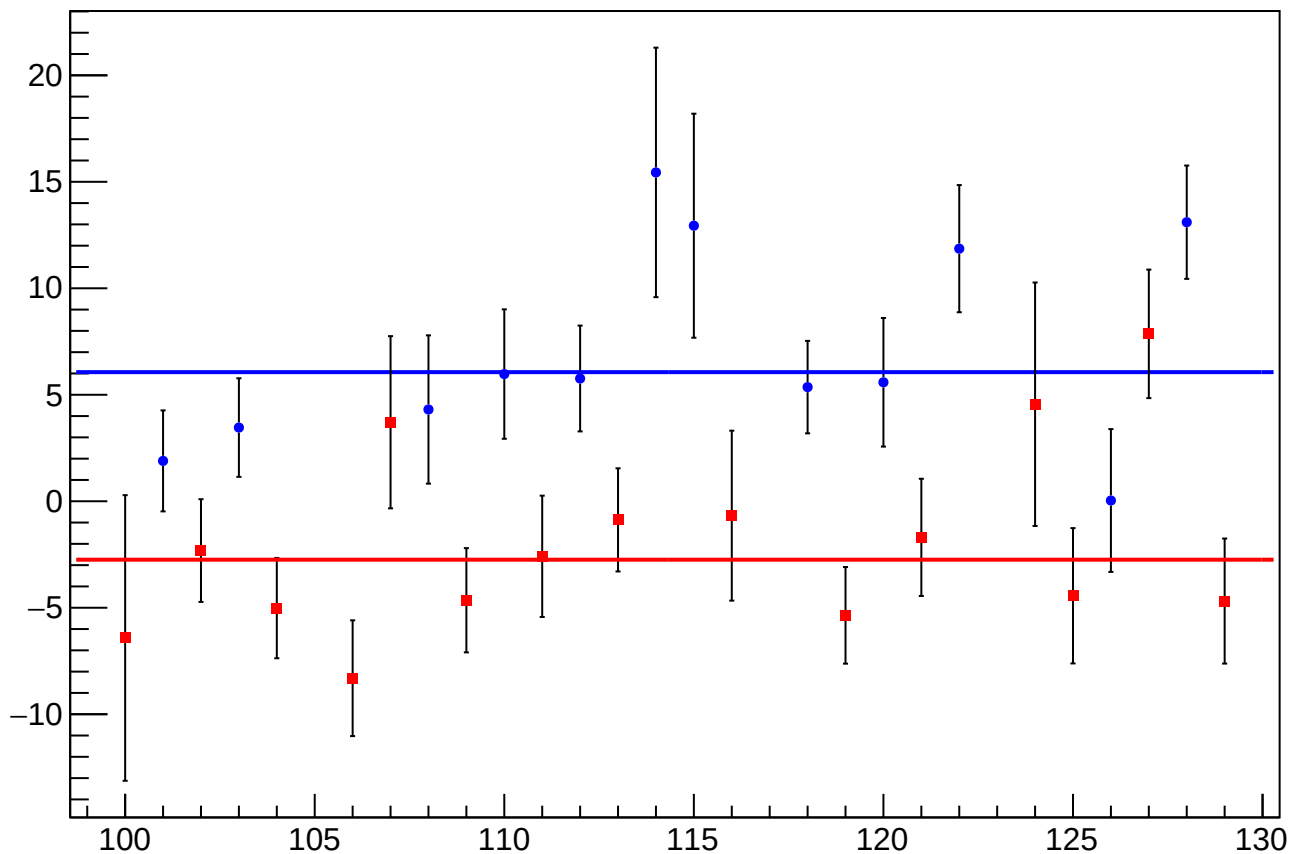
Right: 1890.233+/-0.407 χ^2/NDF : 234006.3/26

In: 1921.018+/-0.611 χ^2/NDF : 99476.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1890.233+/-0.407 χ^2/NDF : 234006.3/26

diff_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 6.062 $\pm$ 0.831 χ^2 /NDF: 23.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.744 $\pm$ 0.750 χ^2 /NDF: 25.7/14

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

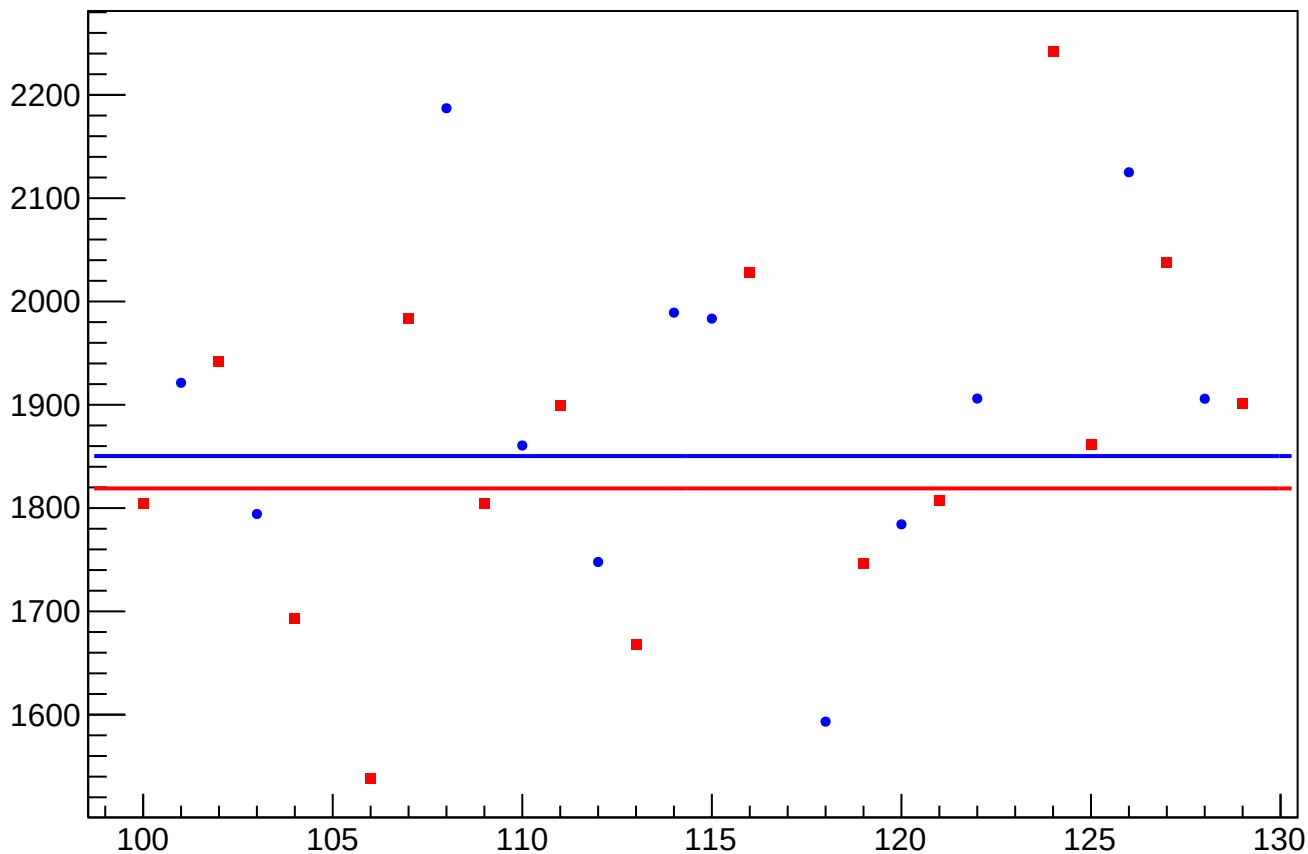
Right: 1.209 $\pm$ 0.557 χ^2 /NDF: 110.5/26

In: 6.062 $\pm$ 0.831 χ^2 /NDF:23.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.209 $\pm$ 0.557 χ^2 /NDF: 110.5/26

diff_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 1850.352+/-0.588 χ^2/NDF : 71510.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

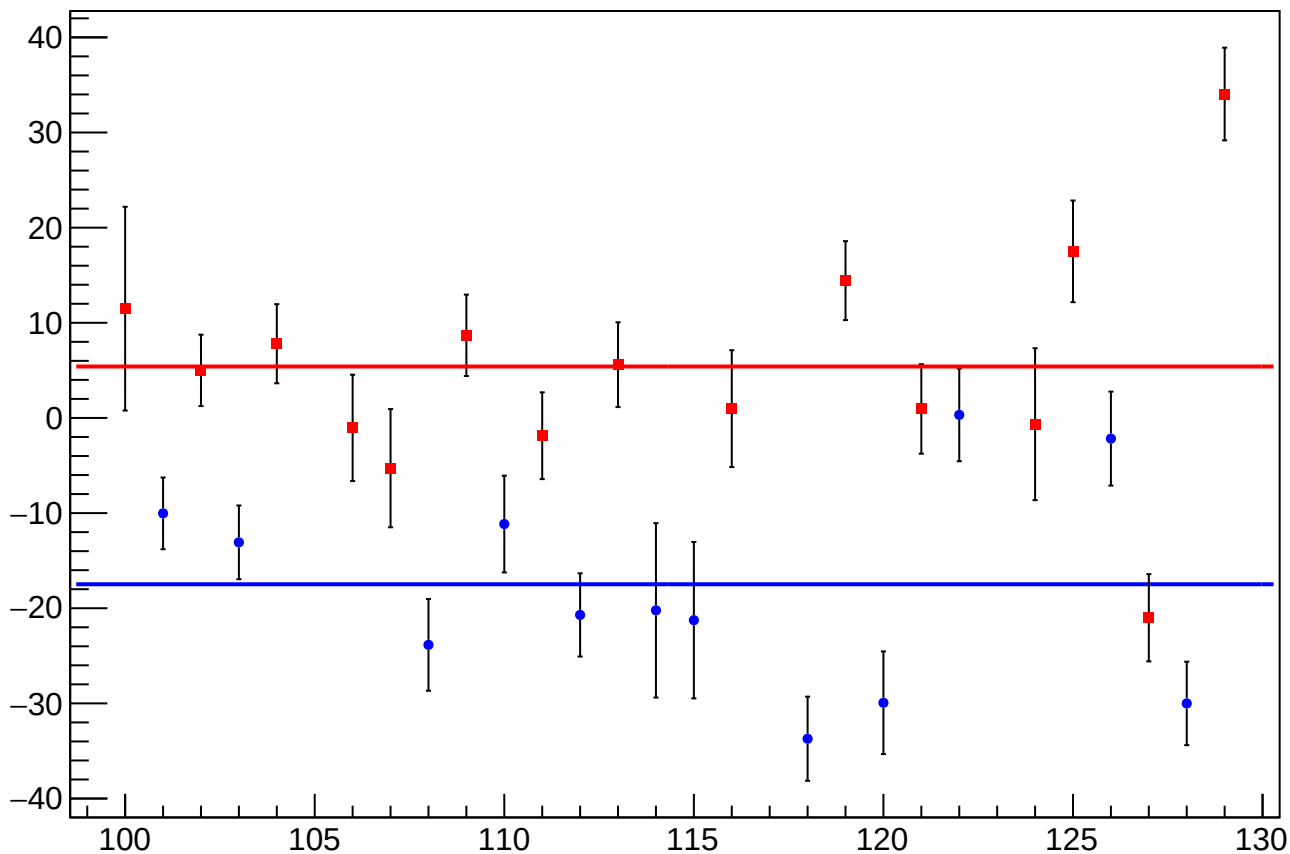
Right: 1833.083+/-0.394 χ^2/NDF : 149036.8/26

In: 1850.352+/-0.588 χ^2/NDF : 71510.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1833.083+/-0.394 χ^2/NDF : 149036.8/26

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -17.481+/-1.389 χ^2/NDF : 59.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.408+/-1.271 χ^2/NDF : 87.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

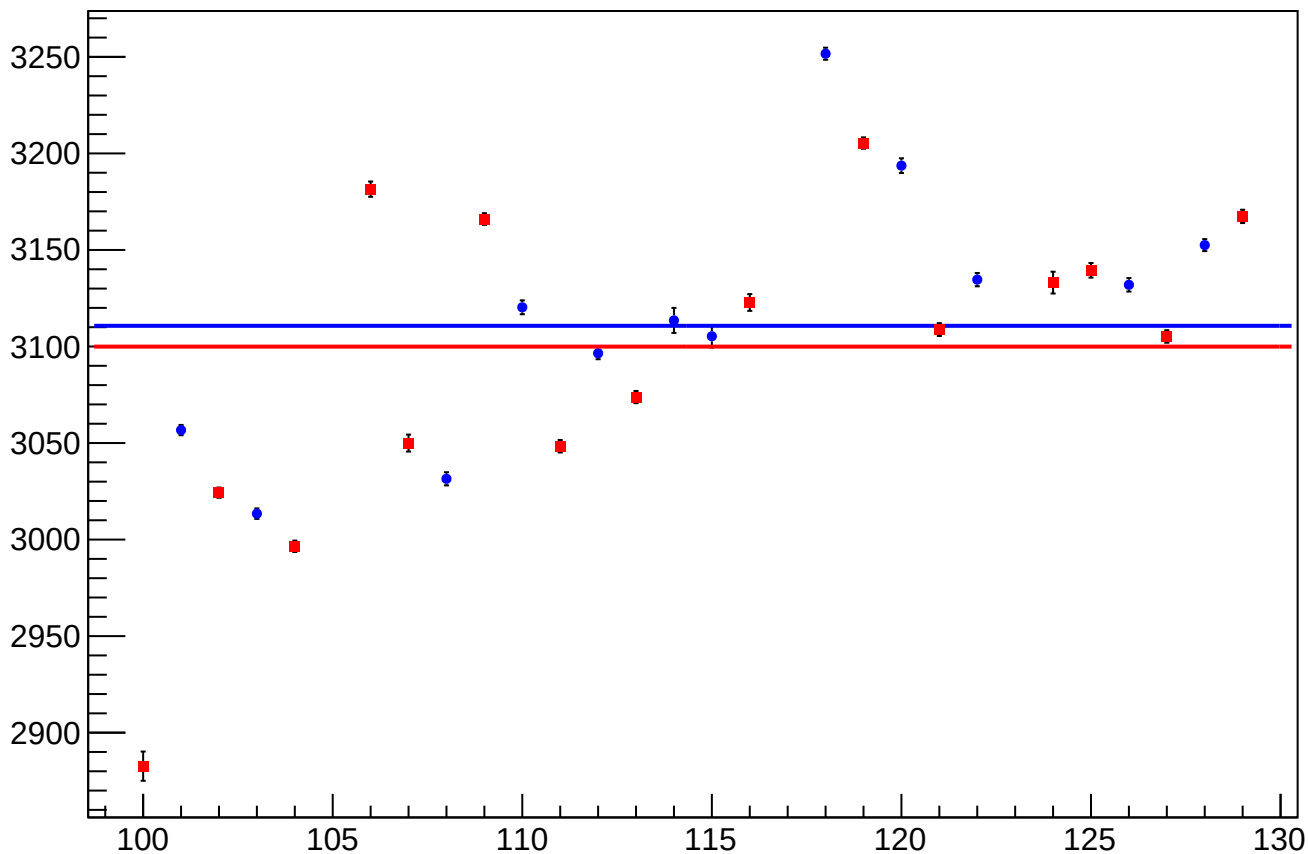
Right: -5.024+/-0.938 χ^2/NDF : 294.7/26

In: -17.481+/-1.389 χ^2/NDF : 59.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.024+/-0.938 χ^2/NDF : 294.7/26

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3110.713 $\pm$ 0.982 χ^2 /NDF: 5013.0/11

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

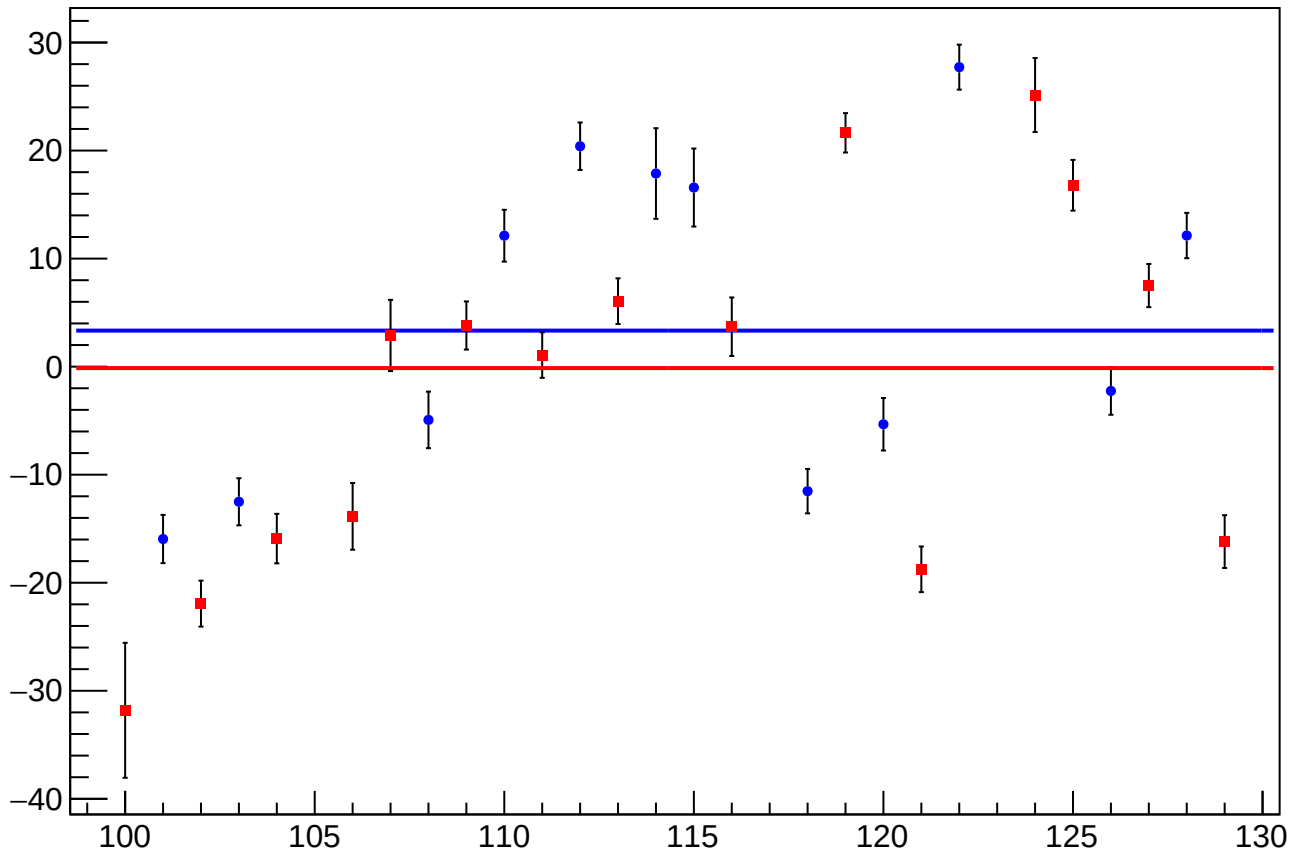
Right: 3104.851 $\pm$ 0.663 χ^2 /NDF: 11163.3/26

In: 3110.713 $\pm$ 0.982 χ^2 /NDF:5013.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3104.851 $\pm$ 0.663 χ^2 /NDF: 11163.3/26

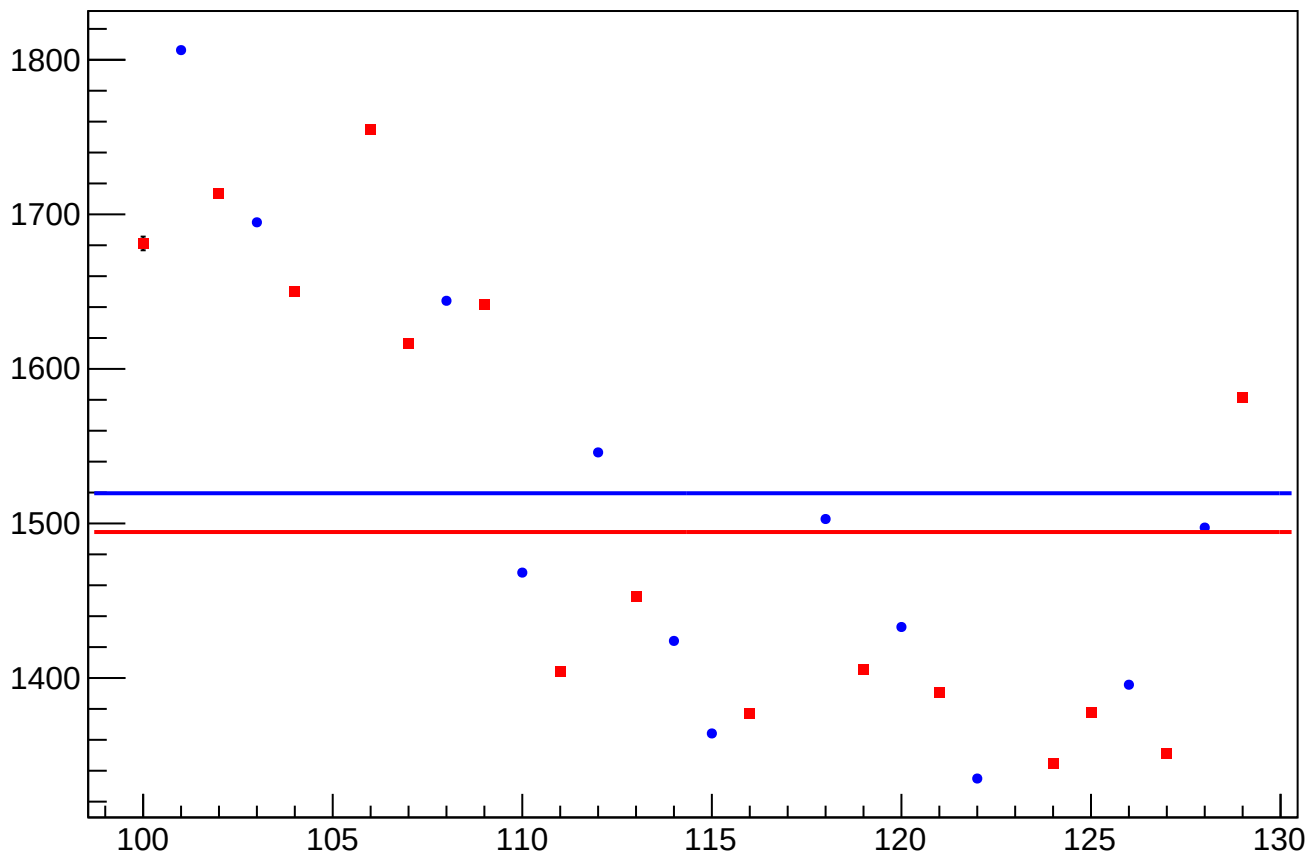
diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 3.337+/-0.683 χ^2/NDF : 463.1/11
 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: 1.423+/-0.458 χ^2/NDF : 1074.9/26
 In: 3.337+/-0.683 χ^2/NDF : 463.1/11
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1.423+/-0.458 χ^2/NDF : 1074.9/26

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1519.549+/-0.483 χ^2/NDF : 81383.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

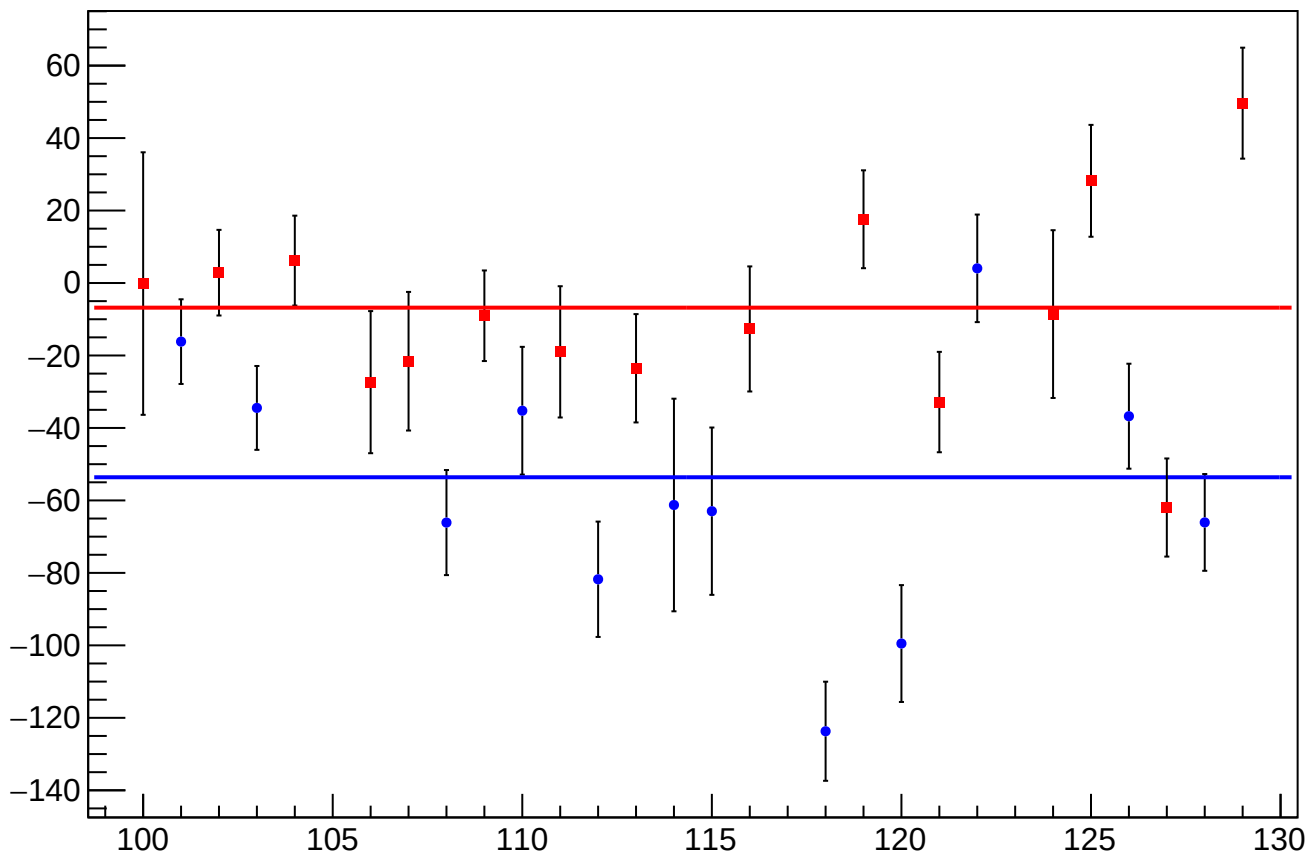
Right: 1505.715+/-0.324 χ^2/NDF : 180149.2/26

In: 1519.549+/-0.483 χ^2/NDF :81383.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1505.715+/-0.324 χ^2/NDF : 180149.2/26

diff_bpm0l02X_mean vs Slug, Sign Corrected



Right In: -53.608 $\pm$ 4.309 χ^2 /NDF: 69.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -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

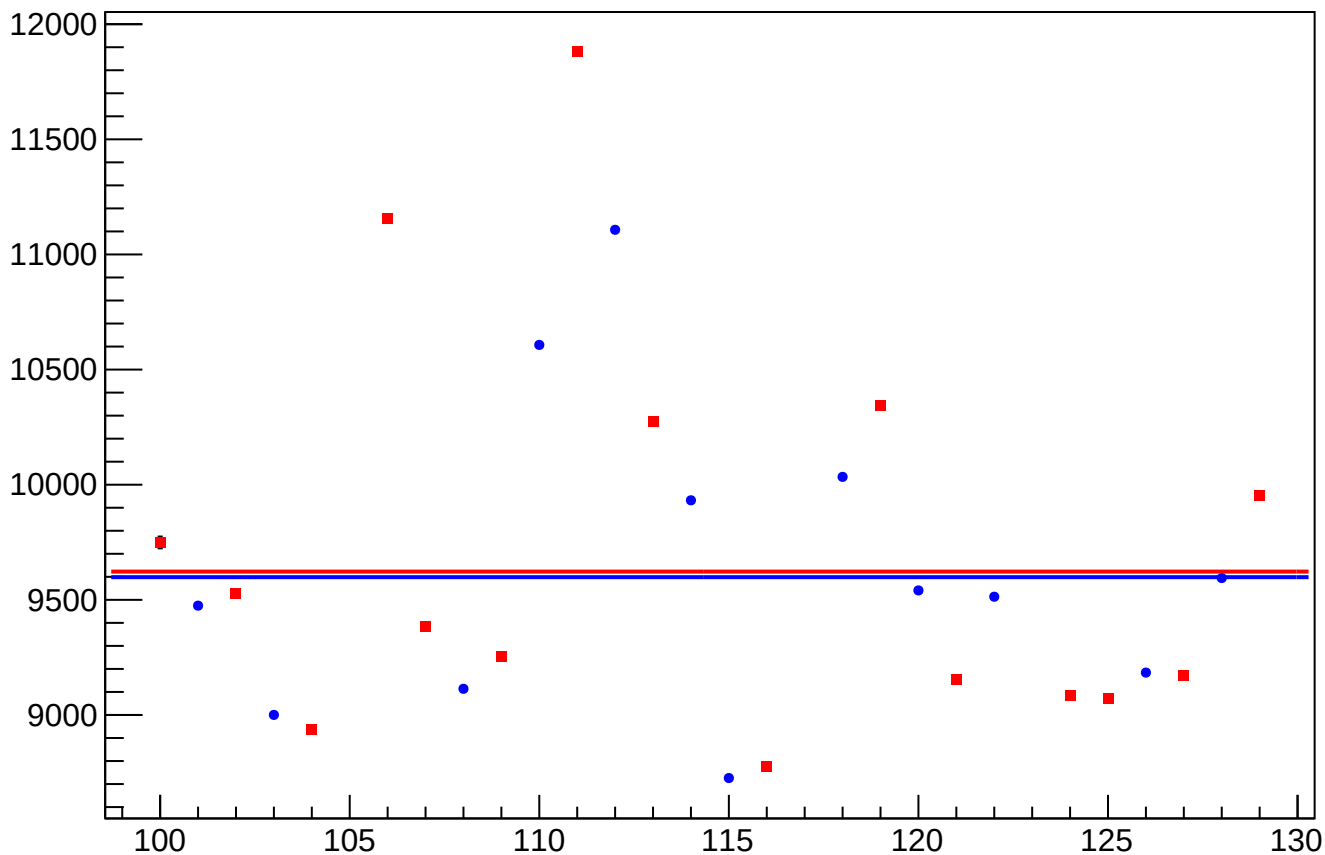
Right: -28.280 $\pm$ 2.919 χ^2 /NDF: 181.2/26

In: -53.608 $\pm$ 4.309 χ^2 /NDF:69.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -28.280 $\pm$ 2.919 χ^2 /NDF: 181.2/26

diff_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 9598.436+/-3.047 χ^2/NDF : 39187.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

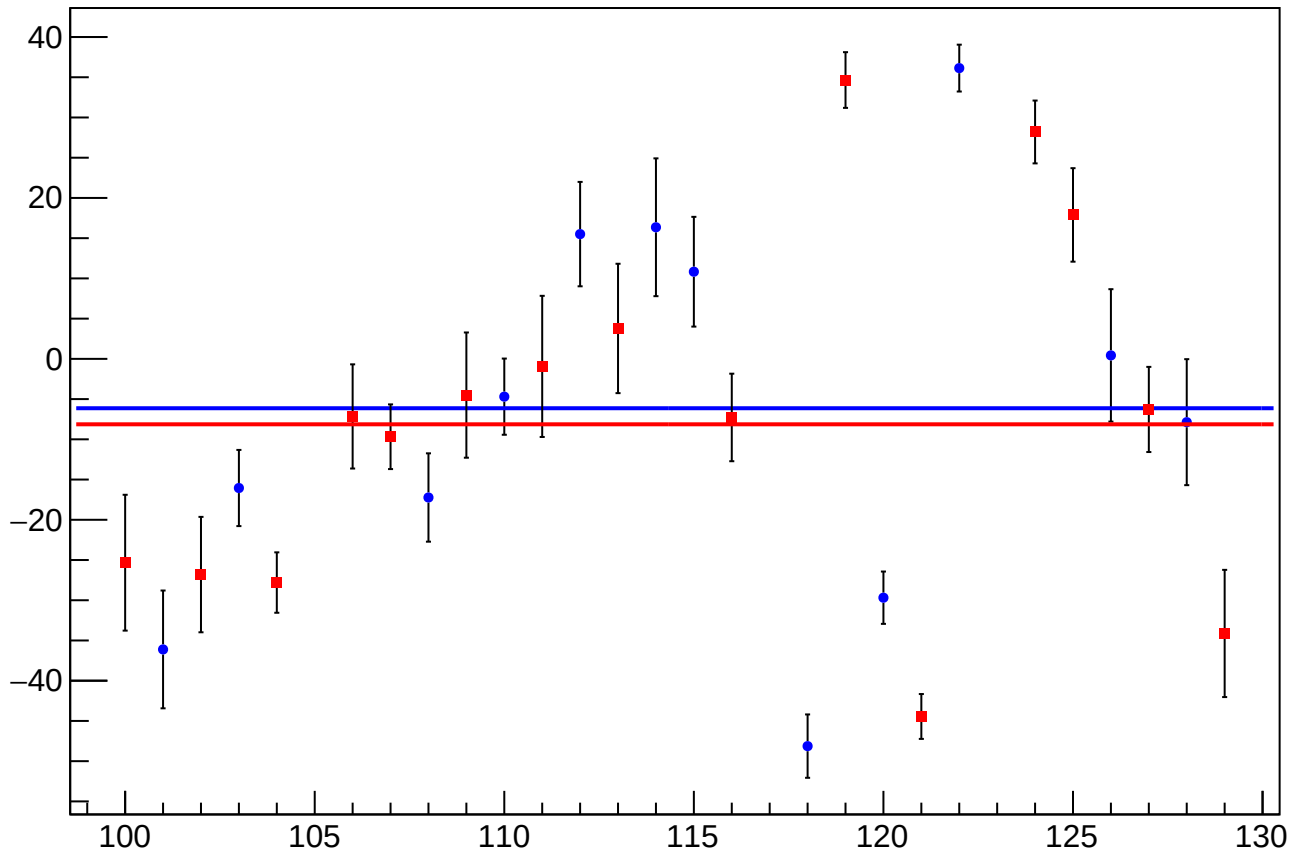
Right: 9611.581+/-2.064 χ^2/NDF : 114345.5/26

In: 9598.436+/-3.047 χ^2/NDF : 39187.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9611.581+/-2.064 χ^2/NDF : 114345.5/26

diff_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: -6.136+/-1.403 χ^2 /NDF: 427.3/11

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

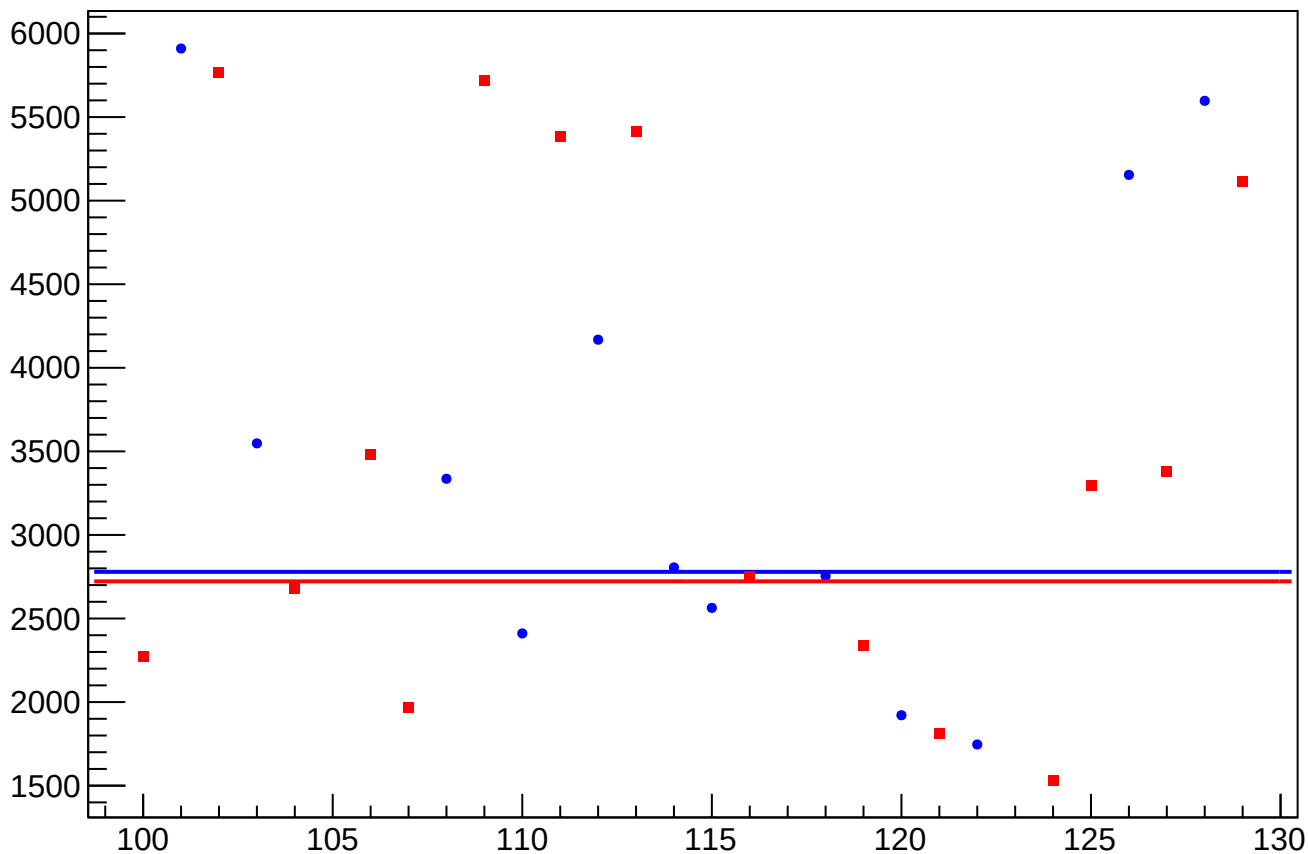
Right: -7.240+/-0.938 χ^2 /NDF: 909.9/26

In: -6.136+/-1.403 χ^2 /NDF:427.3/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -7.240+/-0.938 χ^2 /NDF: 909.9/26

diff_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 2779.234+/-0.992 χ^2/NDF : 1361764.2/11

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

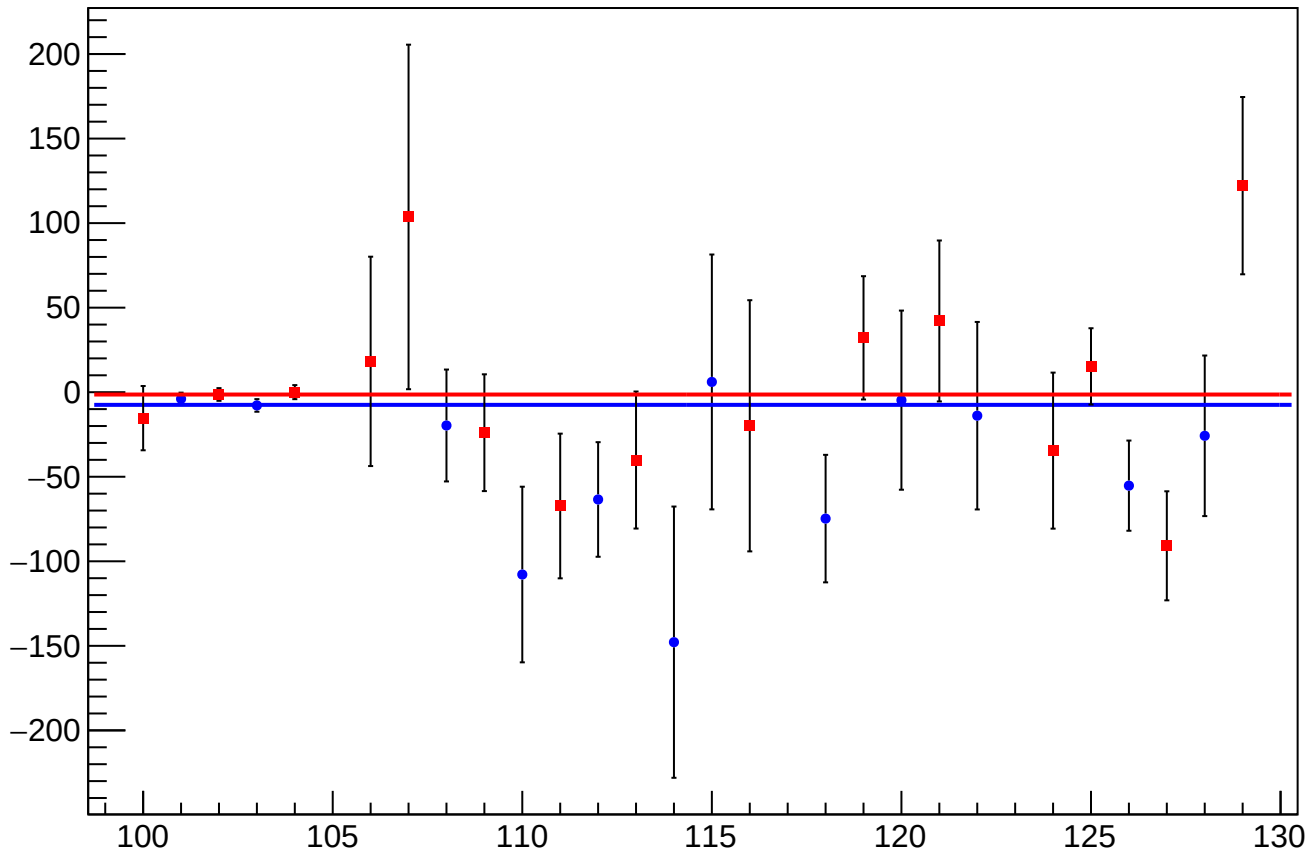
Right: 2747.752+/-0.663 χ^2/NDF : 3188433.5/26

In: 2779.234+/-0.992 χ^2/NDF : 1361764.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2747.752+/-0.663 χ^2/NDF : 3188433.5/26

diff_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -7.484+/-2.566 χ^2/NDF : 17.2/11

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

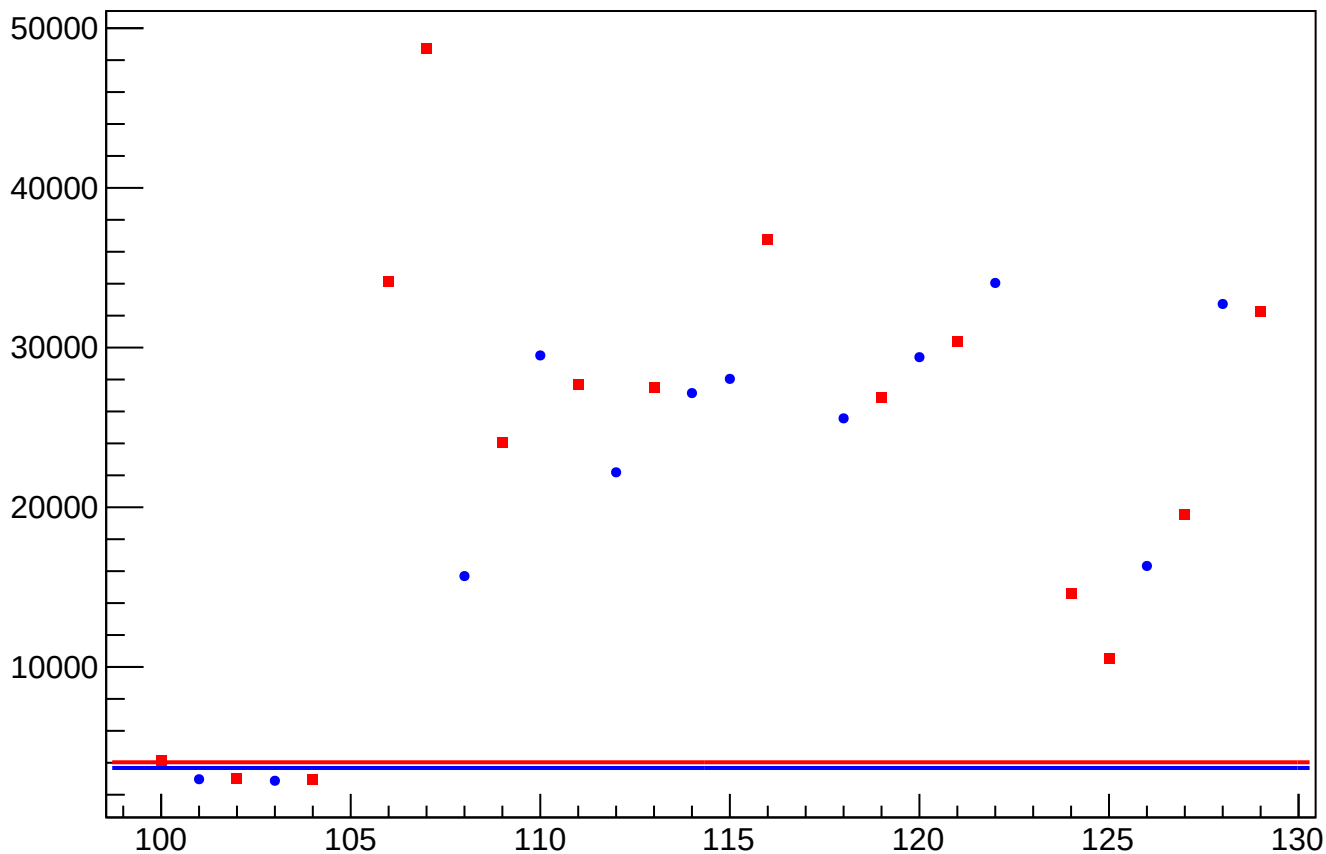
Right: -4.564+/-1.854 χ^2/NDF : 41.5/26

In: -7.484+/-2.566 χ^2/NDF : 17.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.564+/-1.854 χ^2/NDF : 41.5/26

diff_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 3674.166+/-1.814 χ^2/NDF : 4846567.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

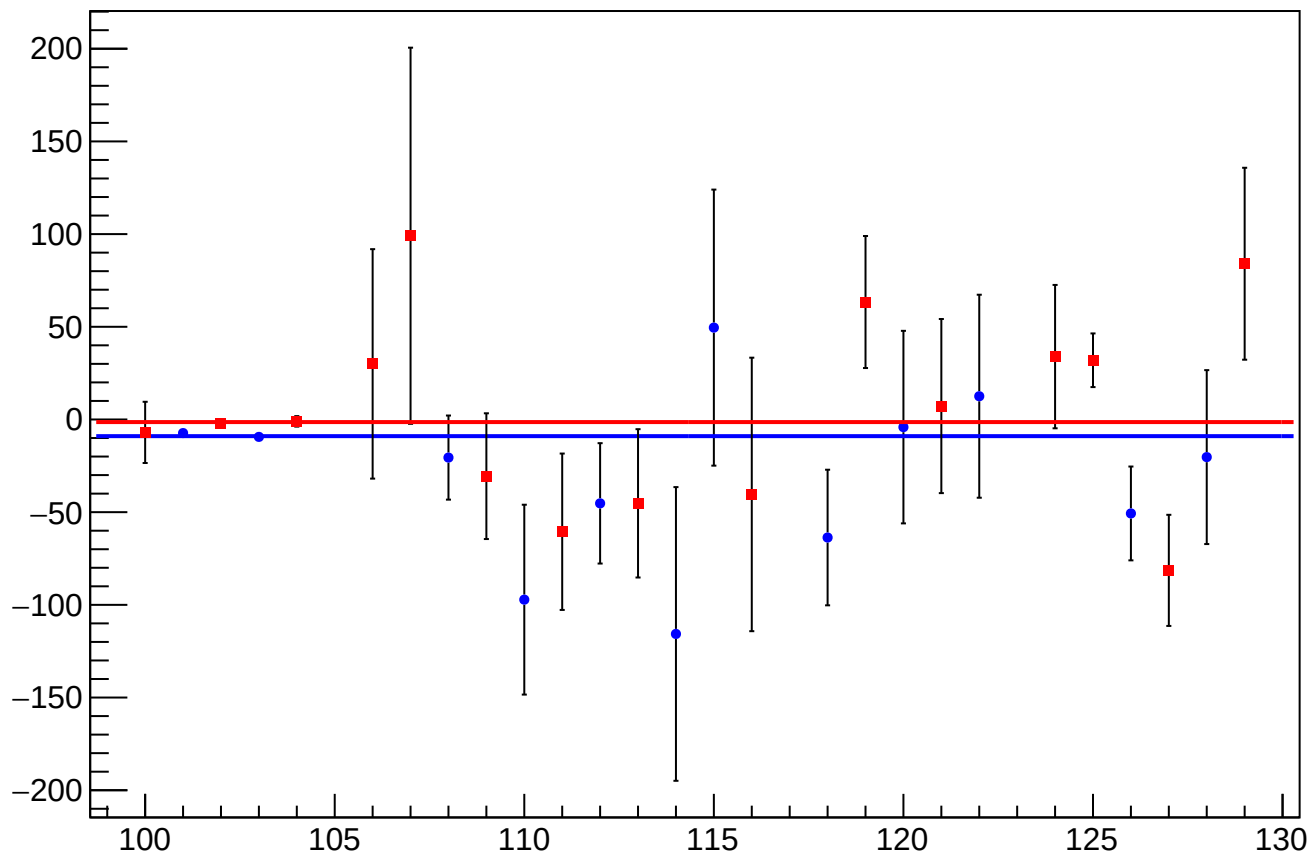
Right: 3844.969+/-1.311 χ^2/NDF : 11058686.5/26

In: 3674.166+/-1.814 χ^2/NDF : 4846567.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3844.969+/-1.311 χ^2/NDF : 11058686.5/26

diff_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: -8.991 $\pm$ 1.770 χ^2/NDF : 12.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -1.403 $\pm$ 1.855 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

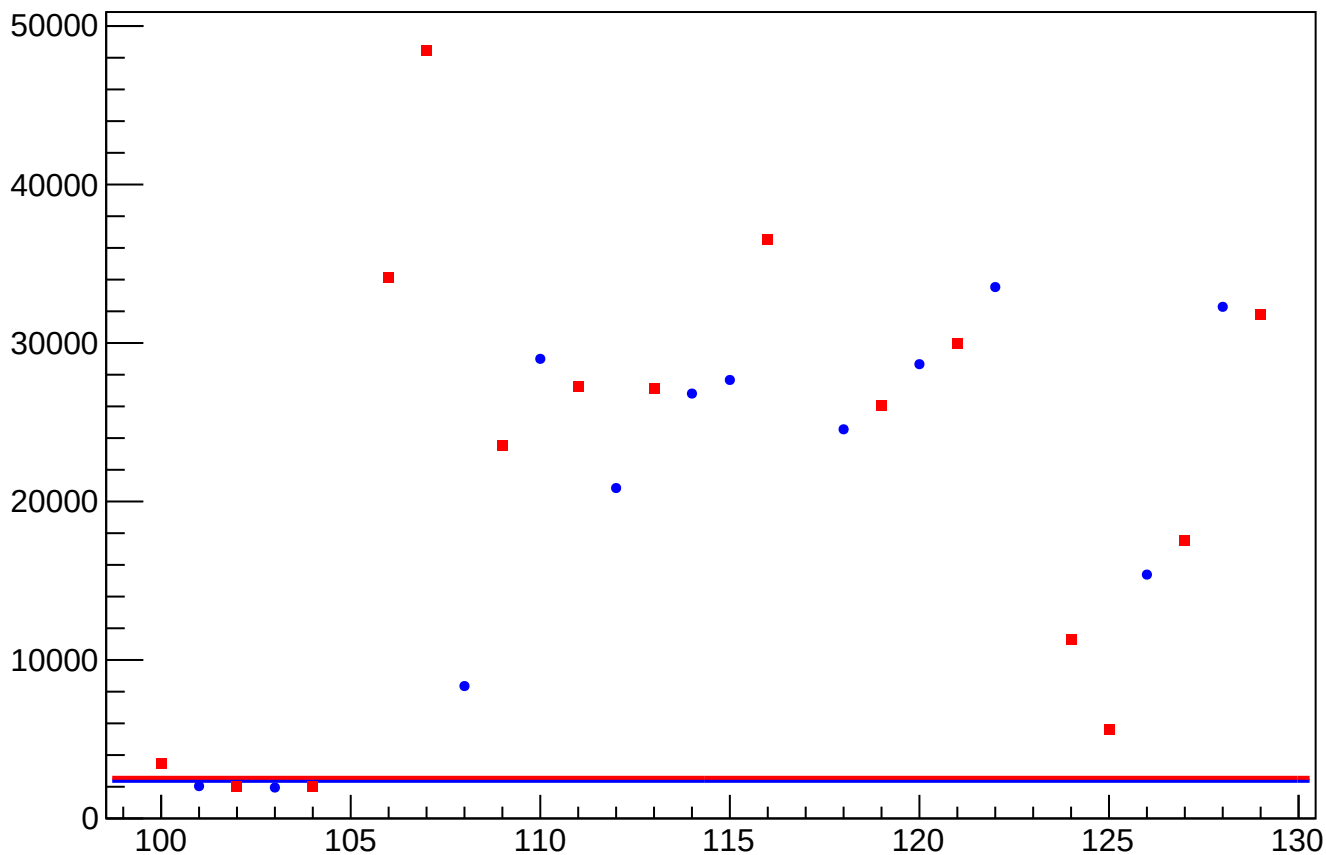
Right: -5.376 $\pm$ 1.280 χ^2/NDF : 46.3/26

In: -8.991 $\pm$ 1.770 χ^2/NDF : 12.5/11

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -5.376 $\pm$ 1.280 χ^2/NDF : 46.3/26

diff_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 2374.111 $\pm$ 1.251 χ^2/NDF : 5076725.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 2565.962 $\pm$ 1.312 χ^2/NDF : 6602795.0/14

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

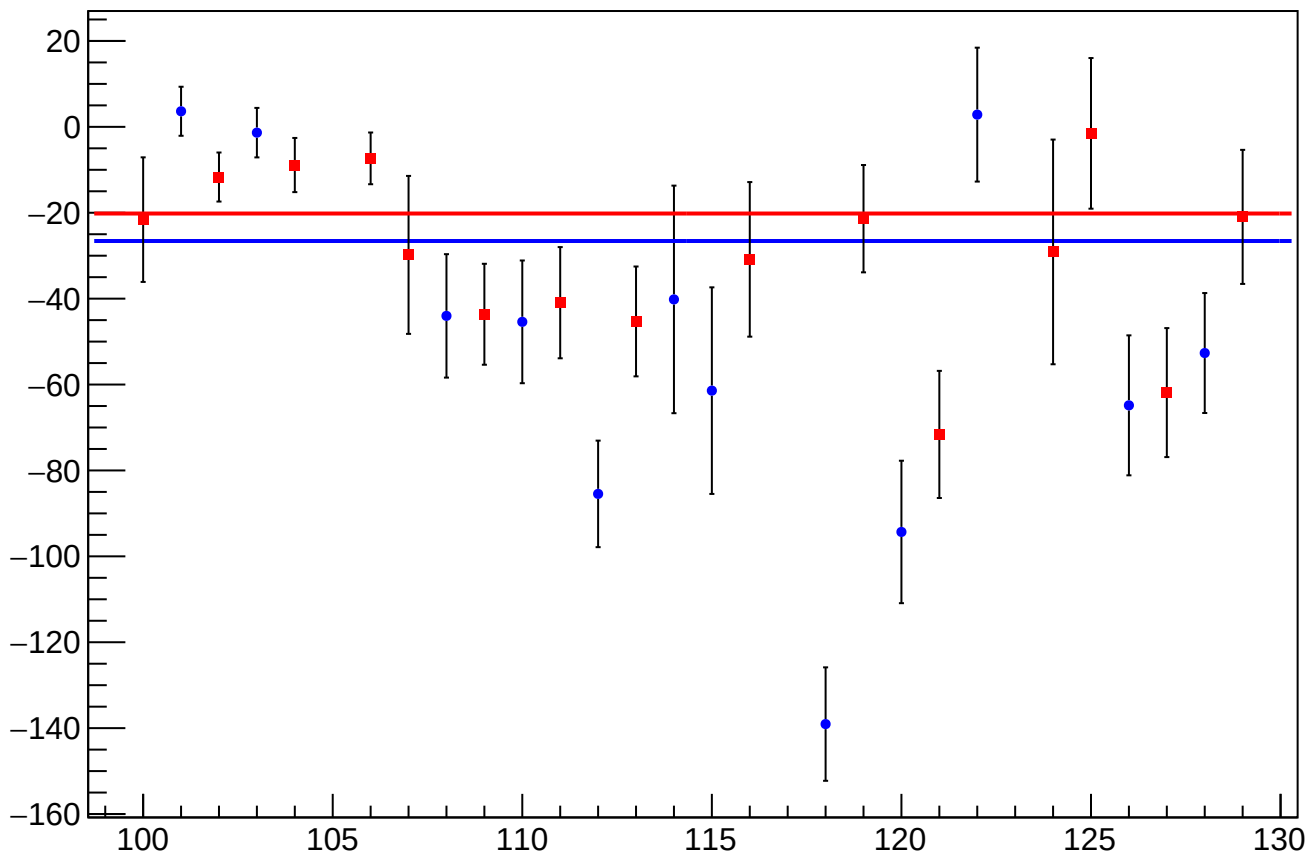
Right: 2465.513 $\pm$ 0.905 χ^2/NDF : 11690721.0/26

In: 2374.111 $\pm$ 1.251 χ^2/NDF : 5076725.5/11

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 2465.513 $\pm$ 0.905 χ^2/NDF : 11690721.0/26

diff_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -26.578+/-3.122 χ^2/NDF : 177.1/11

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

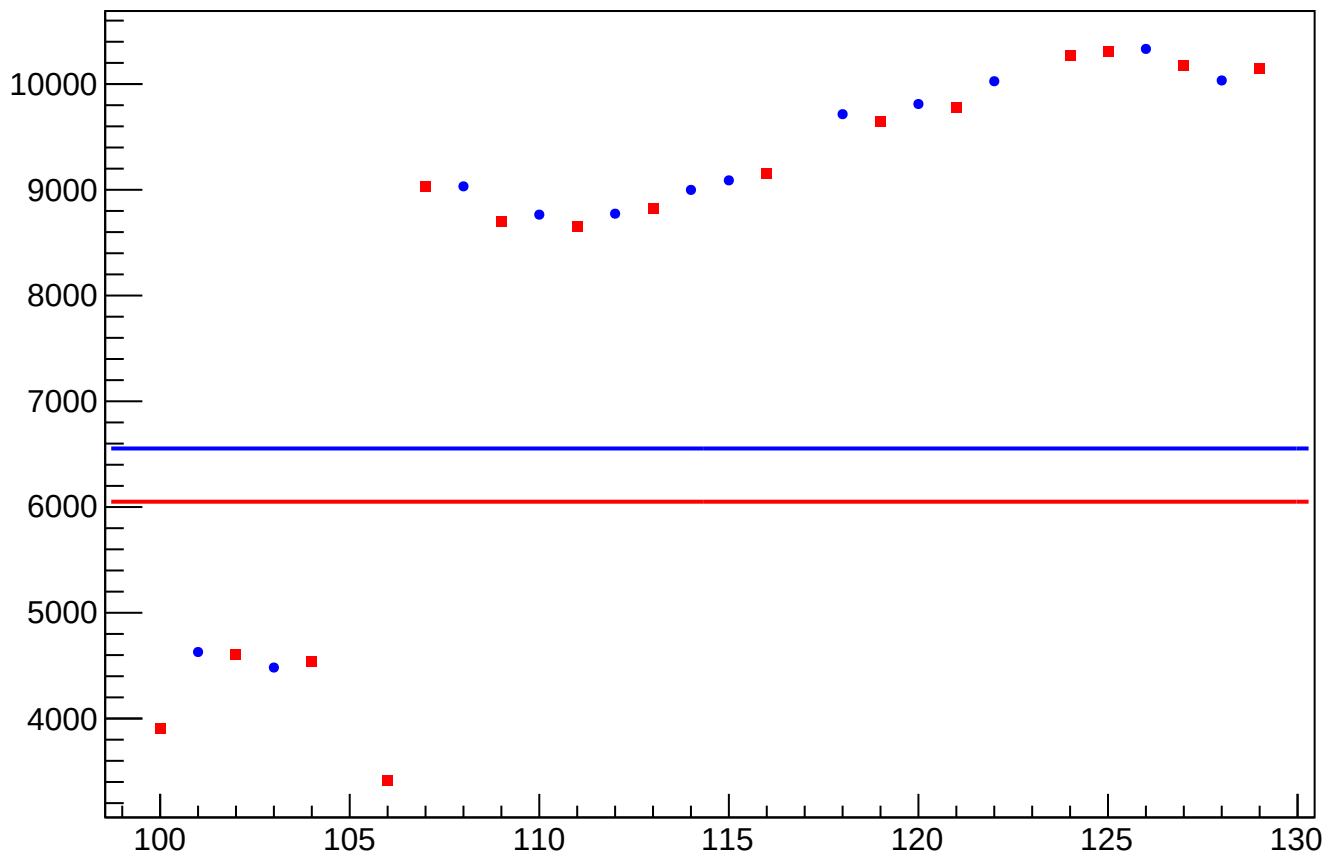
Right: -22.910+/-2.040 χ^2/NDF : 221.5/26

In: -26.578+/-3.122 χ^2/NDF : 177.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.910+/-2.040 χ^2/NDF : 221.5/26

diff_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 6553.768+/-2.208 χ^2/NDF : 1219555.1/11

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

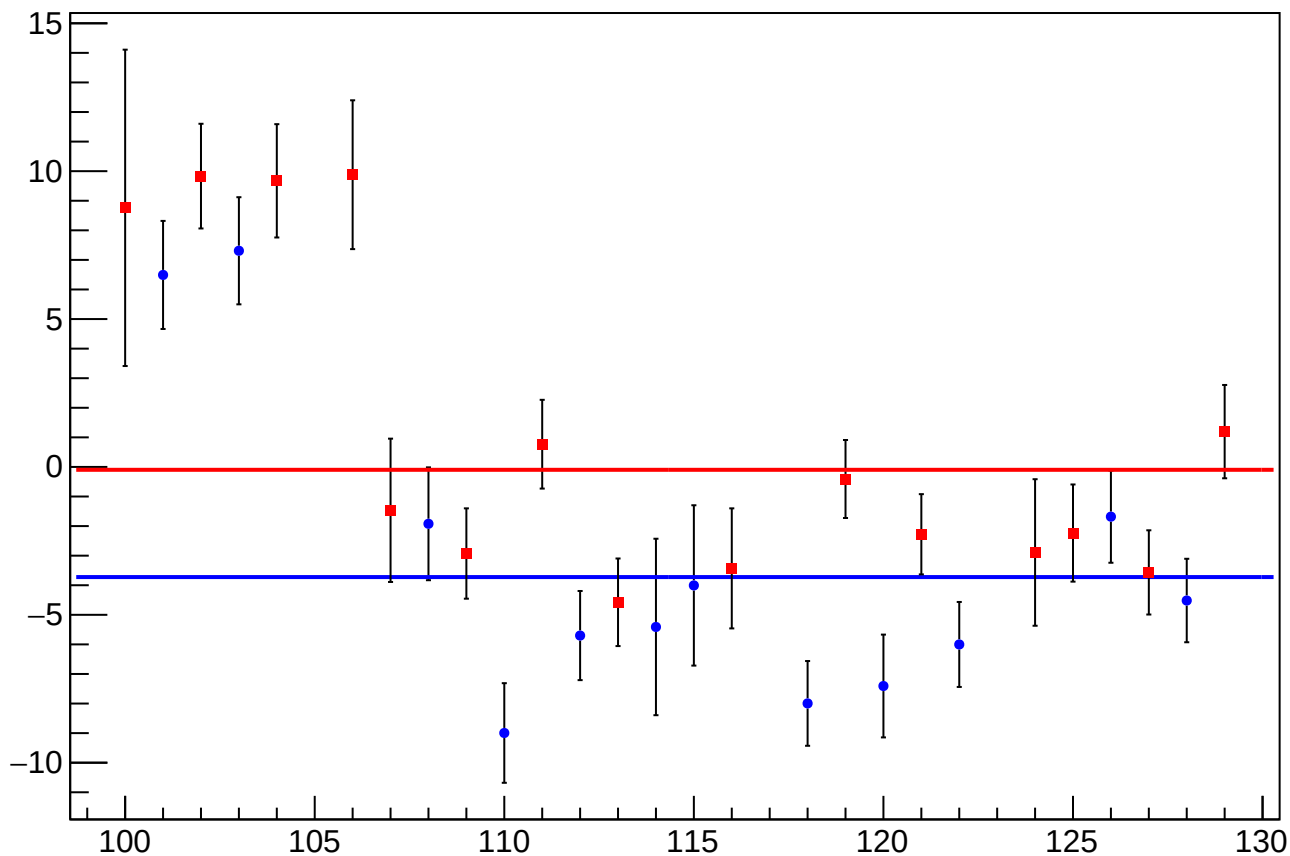
Right: 6265.292+/-1.442 χ^2/NDF : 3058133.5/26

In: 6553.768+/-2.208 χ^2/NDF : 1219555.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6265.292+/-1.442 χ^2/NDF : 3058133.5/26

diff_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -3.724 ± 0.492 χ^2/NDF : 99.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.097 ± 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

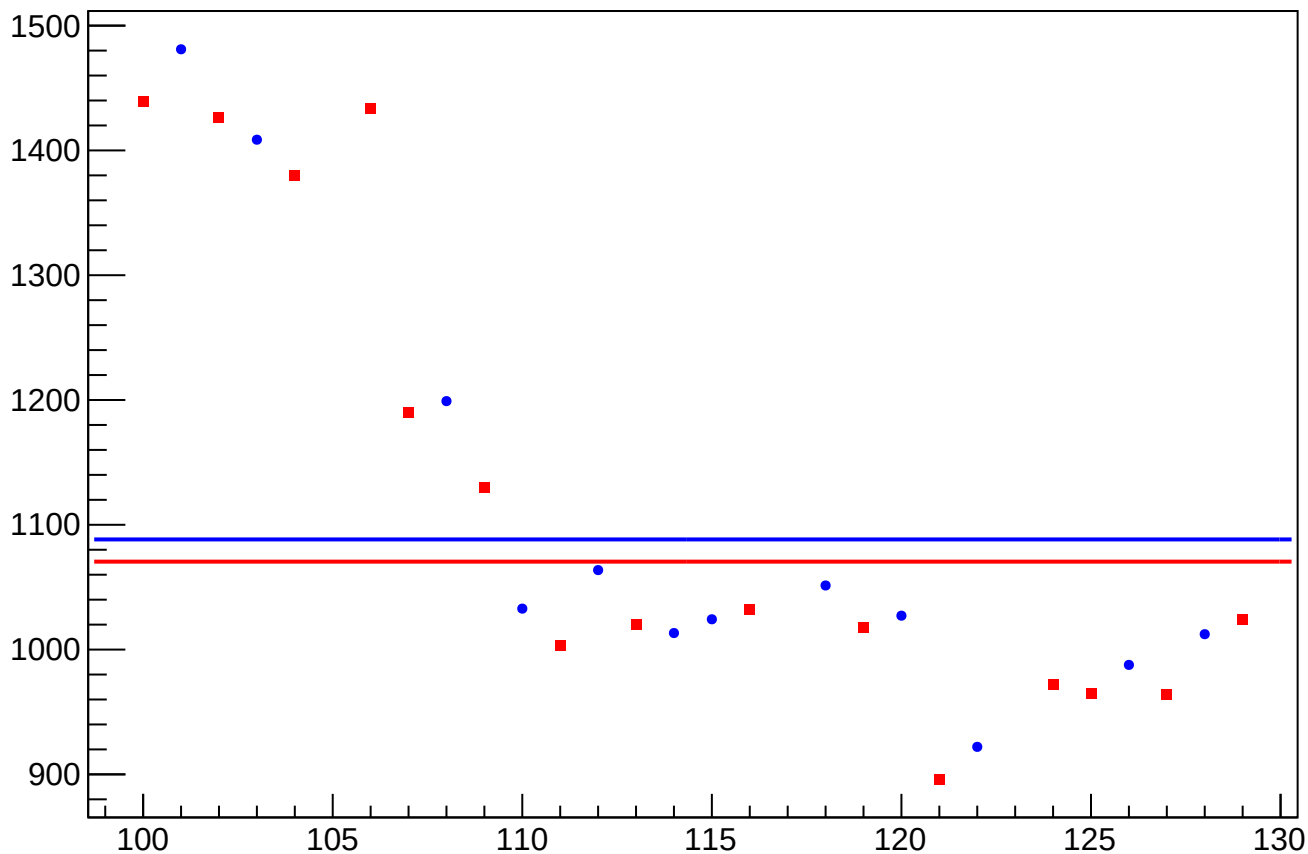
Right: -1.726 ± 0.329 χ^2/NDF : 233.1/26

In: -3.724 ± 0.492 χ^2/NDF : 99.0/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.726 ± 0.329 χ^2/NDF : 233.1/26

diff_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 1088.270+/-0.348 χ^2/NDF : 211510.9/11

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

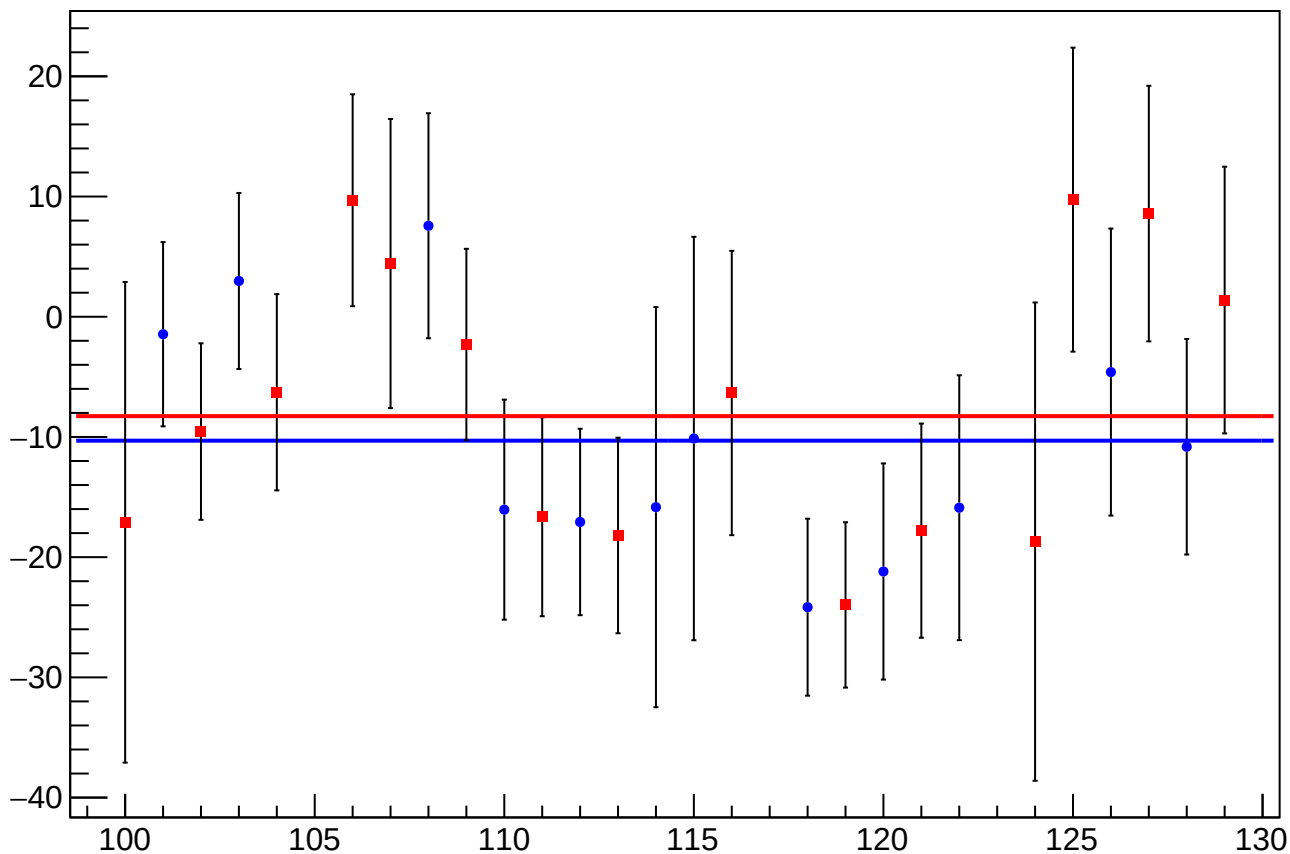
Right: 1078.467+/-0.233 χ^2/NDF : 473011.0/26

In: 1088.270+/-0.348 χ^2/NDF : 211510.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1078.467+/-0.233 χ^2/NDF : 473011.0/26

diff_bpm0l05X_mean vs Slug, Sign Corrected



Right In: -10.309 ± 2.660 $\chi^2/\text{NDF}: 15.0/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -8.269 ± 2.440 $\chi^2/\text{NDF}: 20.6/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

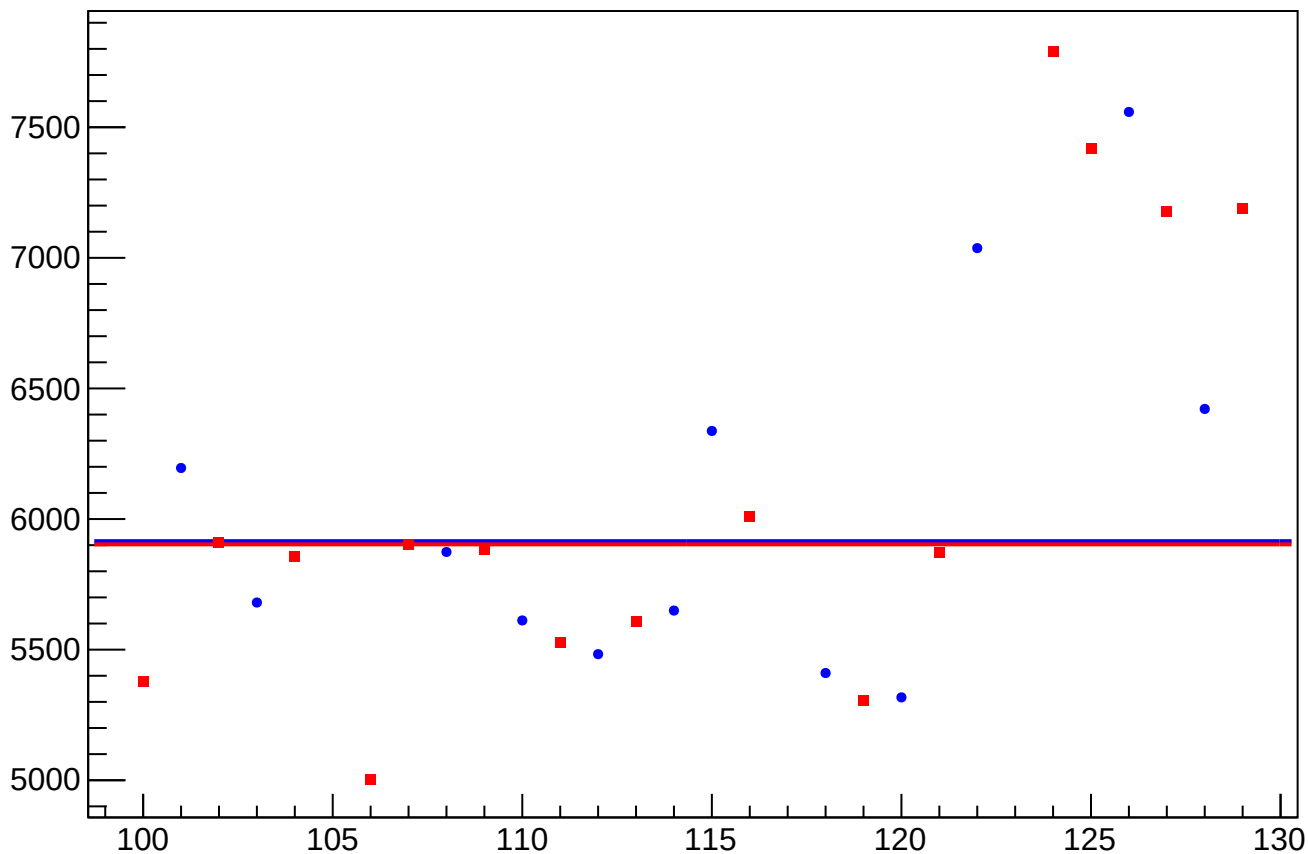
Right: -9.201 ± 1.798 $\chi^2/\text{NDF}: 35.9/26$

In: -10.309 ± 2.660 $\chi^2/\text{NDF}: 15.0/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -9.201 ± 1.798 $\chi^2/\text{NDF}: 35.9/26$

diff_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 5915.304+/-1.881 χ^2/NDF : 98234.6/11

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

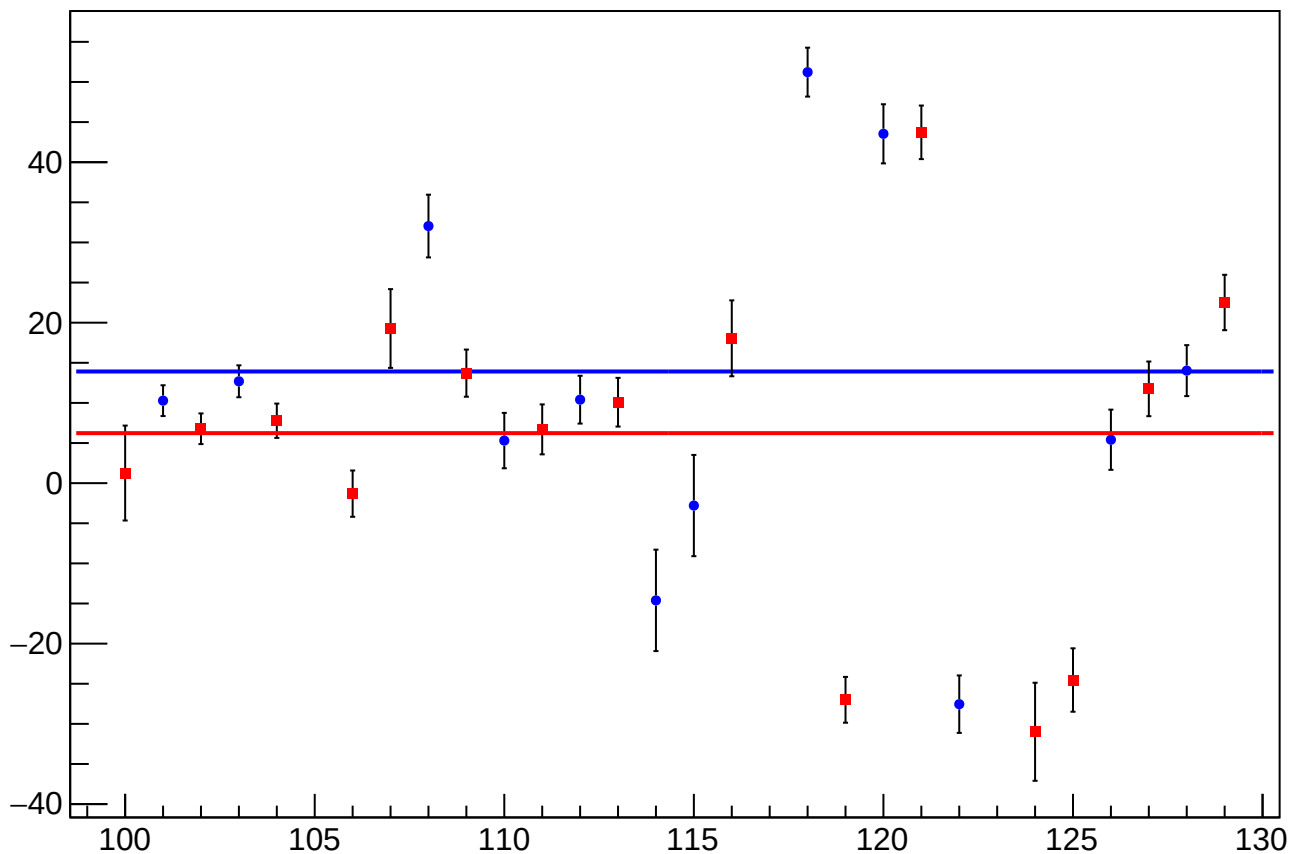
Right: 5908.668+/-1.271 χ^2/NDF : 244830.3/26

In: 5915.304+/-1.881 χ^2/NDF : 98234.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5908.668+/-1.271 χ^2/NDF : 244830.3/26

diff_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 13.917+/-0.889 χ^2/NDF : 414.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

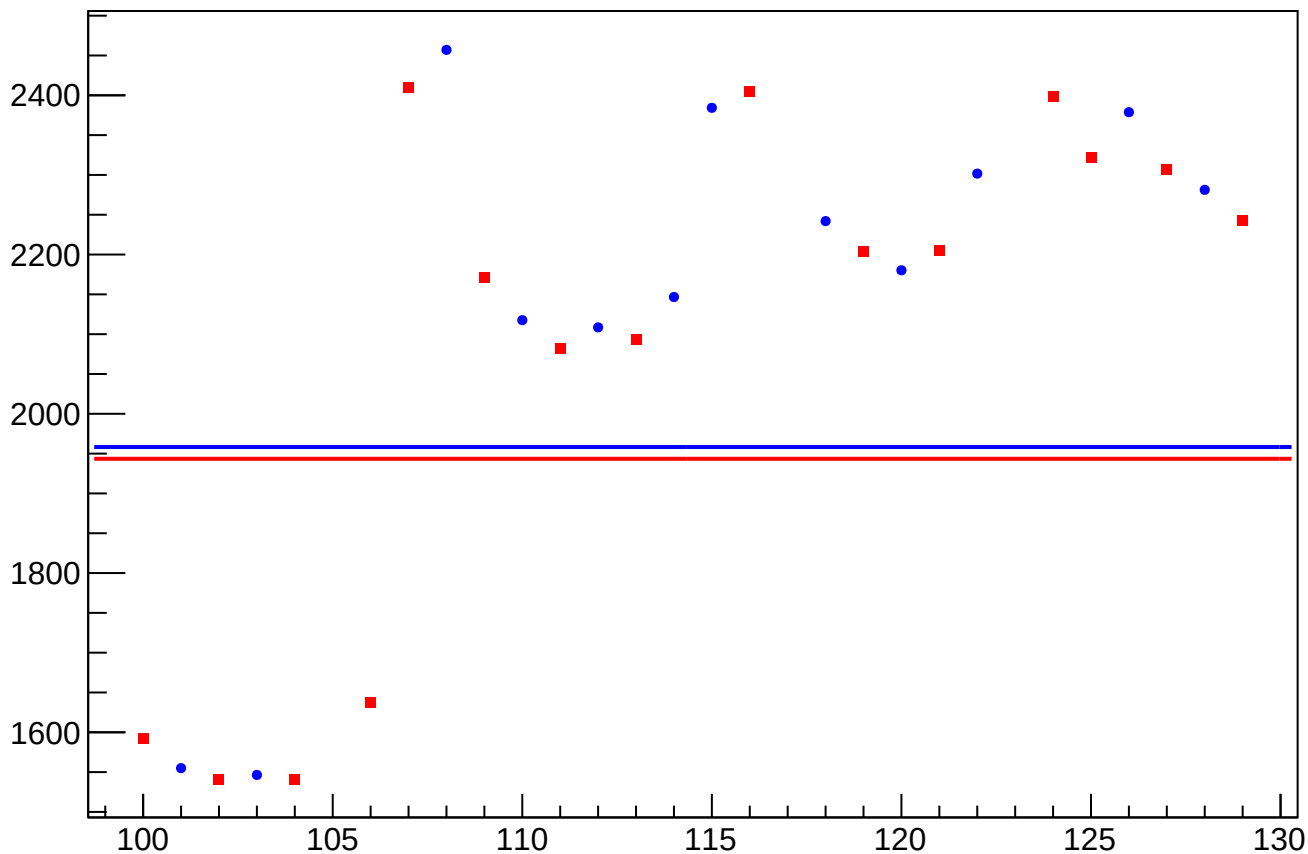
Right: 9.716+/-0.598 χ^2/NDF : 868.7/26

In: 13.917+/-0.889 χ^2/NDF : 414.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.716+/-0.598 χ^2/NDF : 868.7/26

diff_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 1958.258+/-0.628 χ^2/NDF : 315925.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

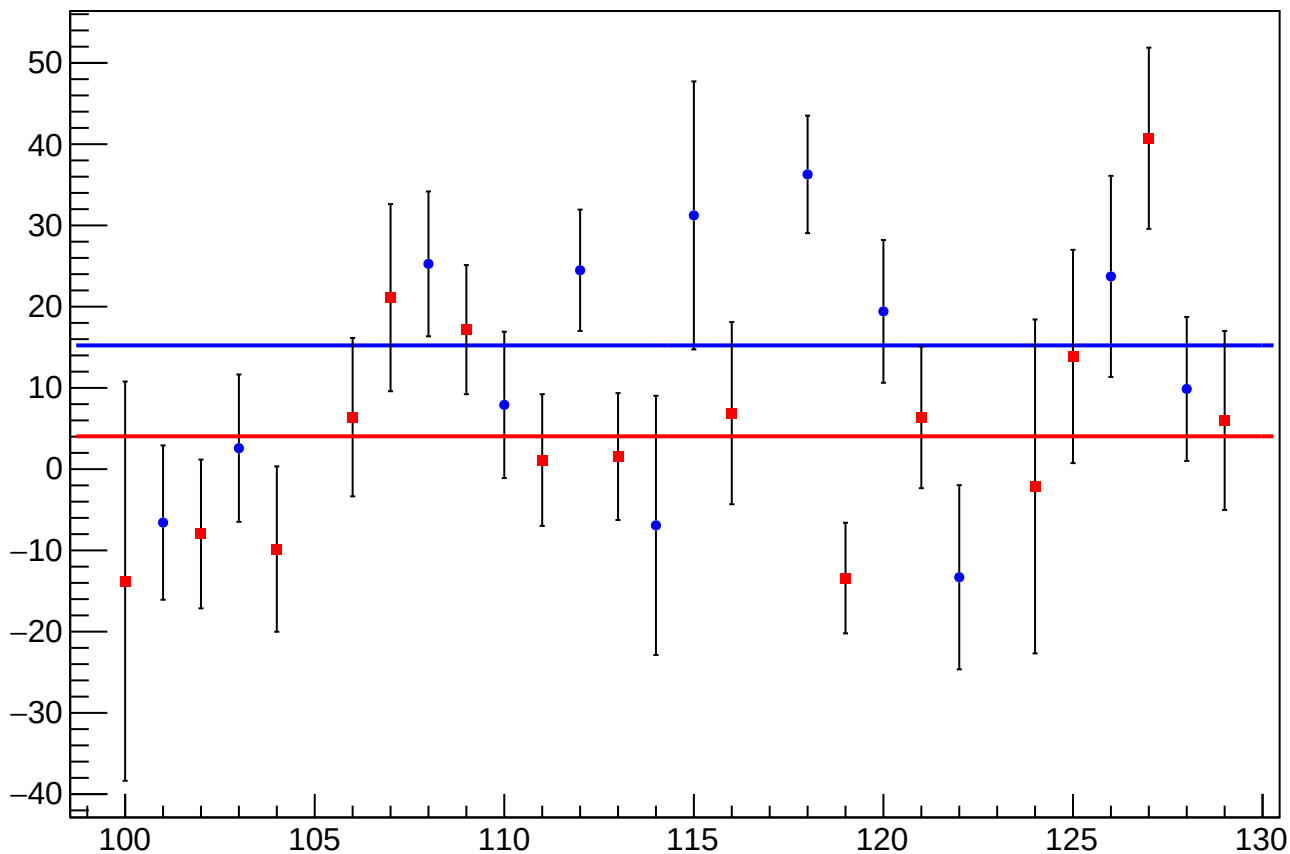
Right: 1950.192+/-0.423 χ^2/NDF : 659686.5/26

In: 1958.258+/-0.628 χ^2/NDF : 315925.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1950.192+/-0.423 χ^2/NDF : 659686.5/26

diff_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 15.231±/-2.744 χ^2/NDF : 29.4/11

Left Out: 0.000±/-0.000 χ^2/NDF :0.0/0

Right Out: 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

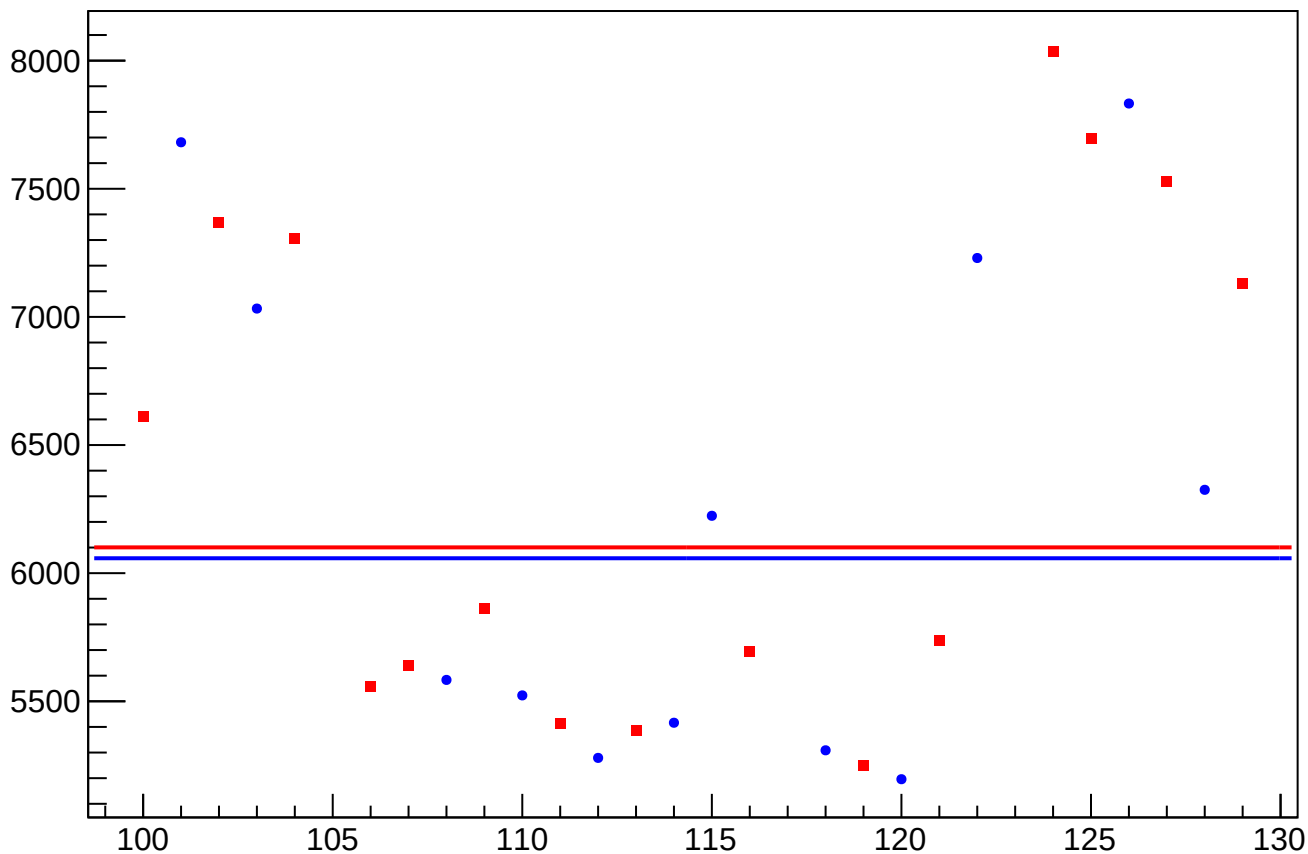
Right: 9.188±/-1.861 χ^2/NDF : 65.9/26

In: 15.231±/-2.744 χ^2/NDF :29.4/11

Out: 0.000±/-0.000 χ^2/NDF :0.0/0

All: 9.188±/-1.861 χ^2/NDF : 65.9/26

diff_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 6058.193+/-1.940 χ^2/NDF : 224435.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

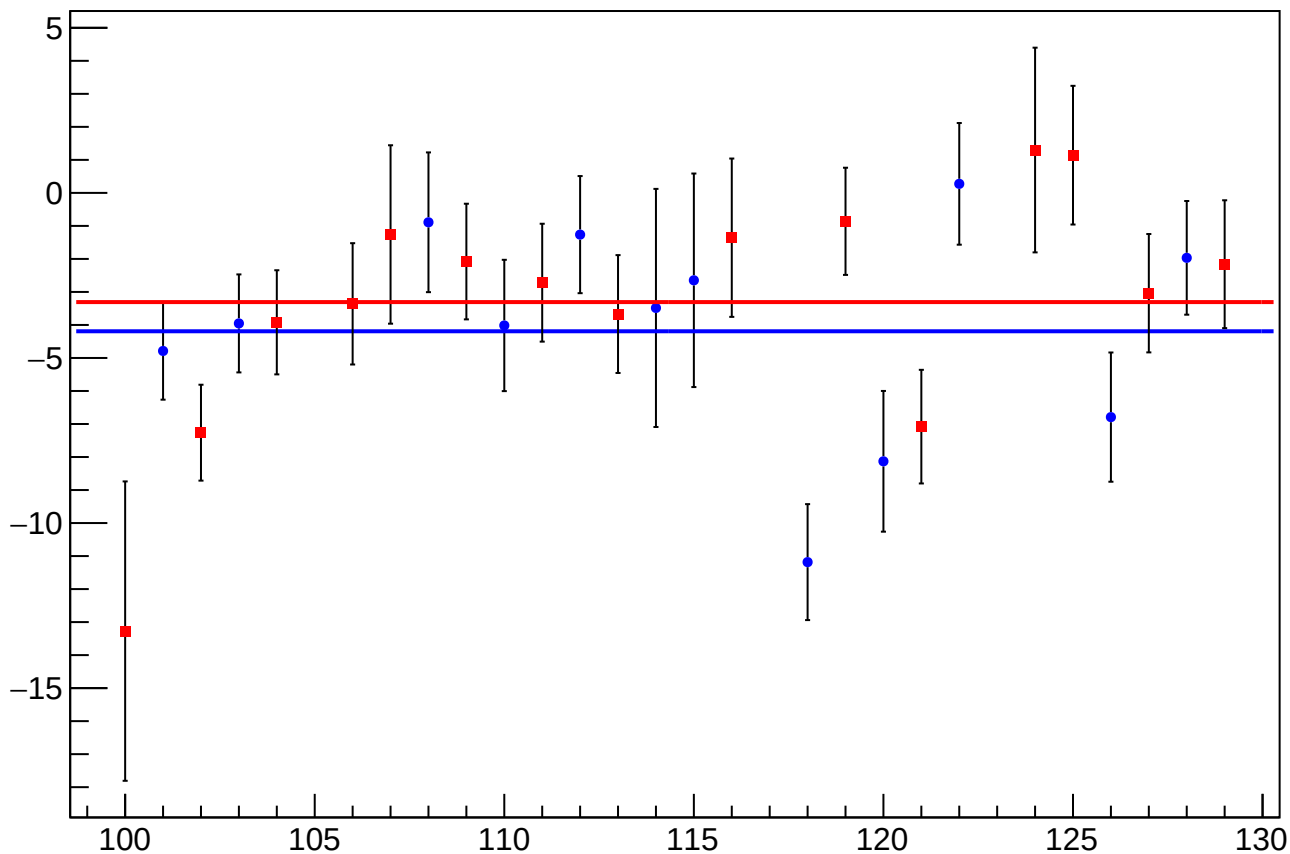
Right: 6081.108+/-1.316 χ^2/NDF : 469178.0/26

In: 6058.193+/-1.940 χ^2/NDF : 224435.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6081.108+/-1.316 χ^2/NDF : 469178.0/26

diff_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -4.191 ± 0.549 χ^2/NDF : 34.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.307 ± 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

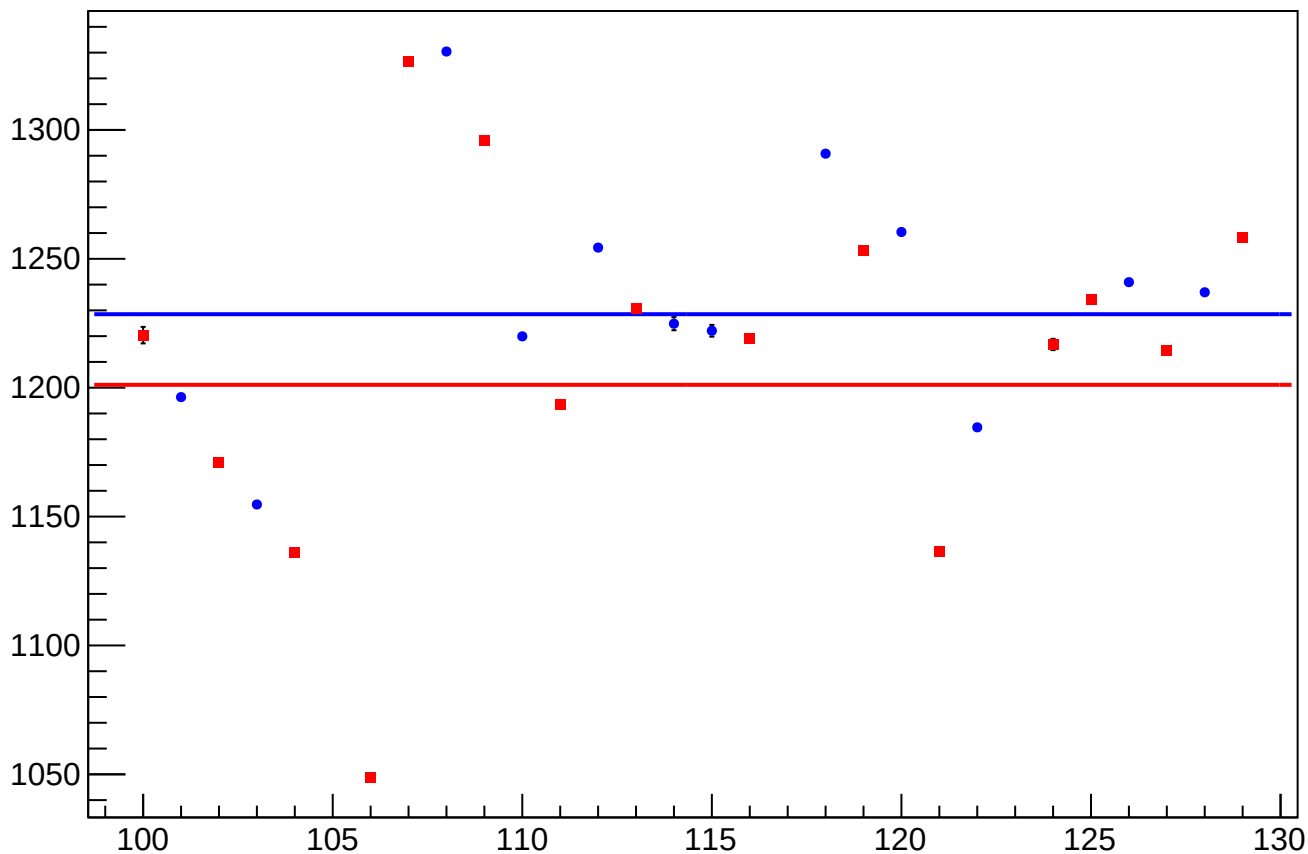
Right: -3.702 ± 0.367 χ^2/NDF : 64.1/26

In: -4.191 ± 0.549 χ^2/NDF : 34.2/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.702 ± 0.367 χ^2/NDF : 64.1/26

diff_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 1228.514+/-0.388 χ^2/NDF : 15235.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

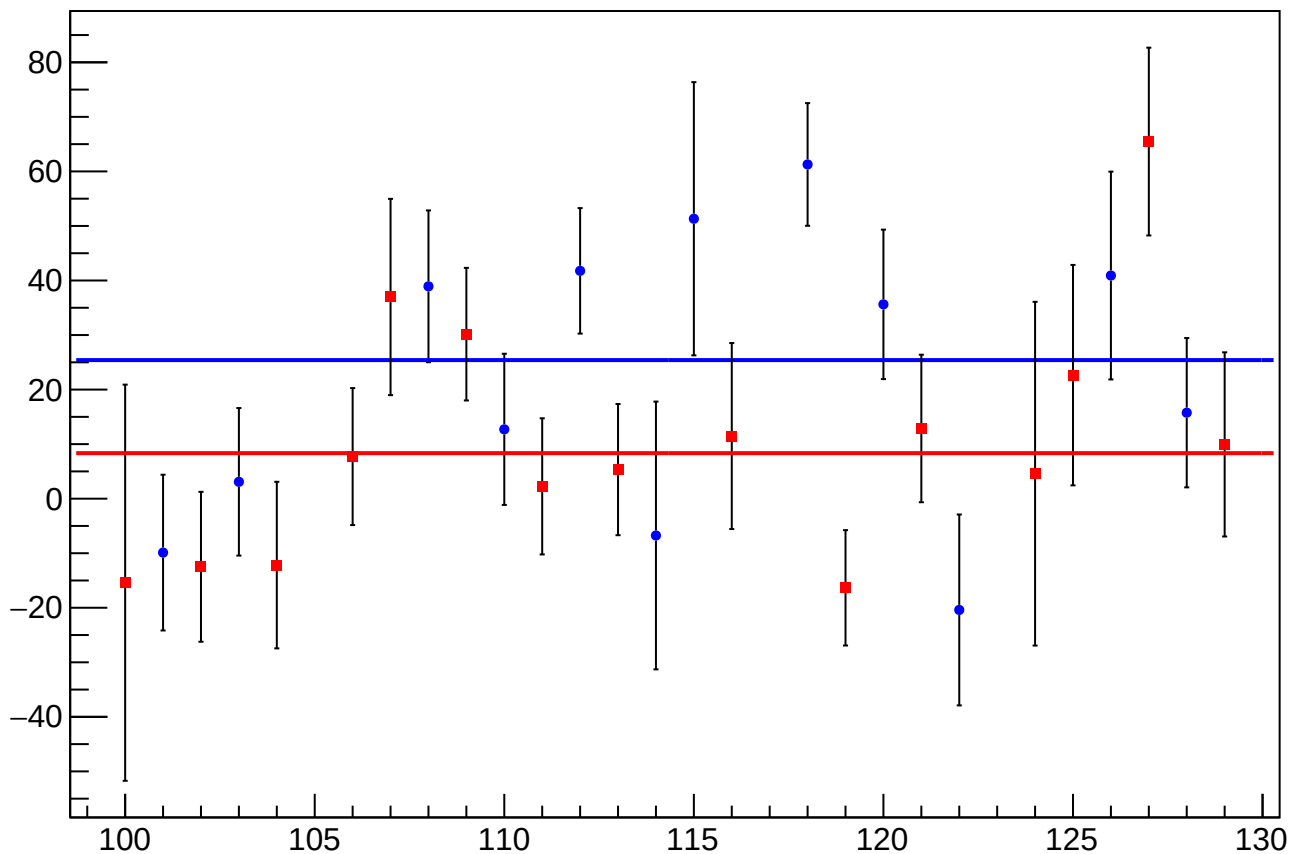
Right: 1213.349+/-0.259 χ^2/NDF : 54203.6/26

In: 1228.514+/-0.388 χ^2/NDF : 15235.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1213.349+/-0.259 χ^2/NDF : 54203.6/26

diff_bpm0l07X_mean vs Slug, Sign Corrected



Right In: 25.407+/-4.220 χ^2/NDF : 34.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.347+/-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

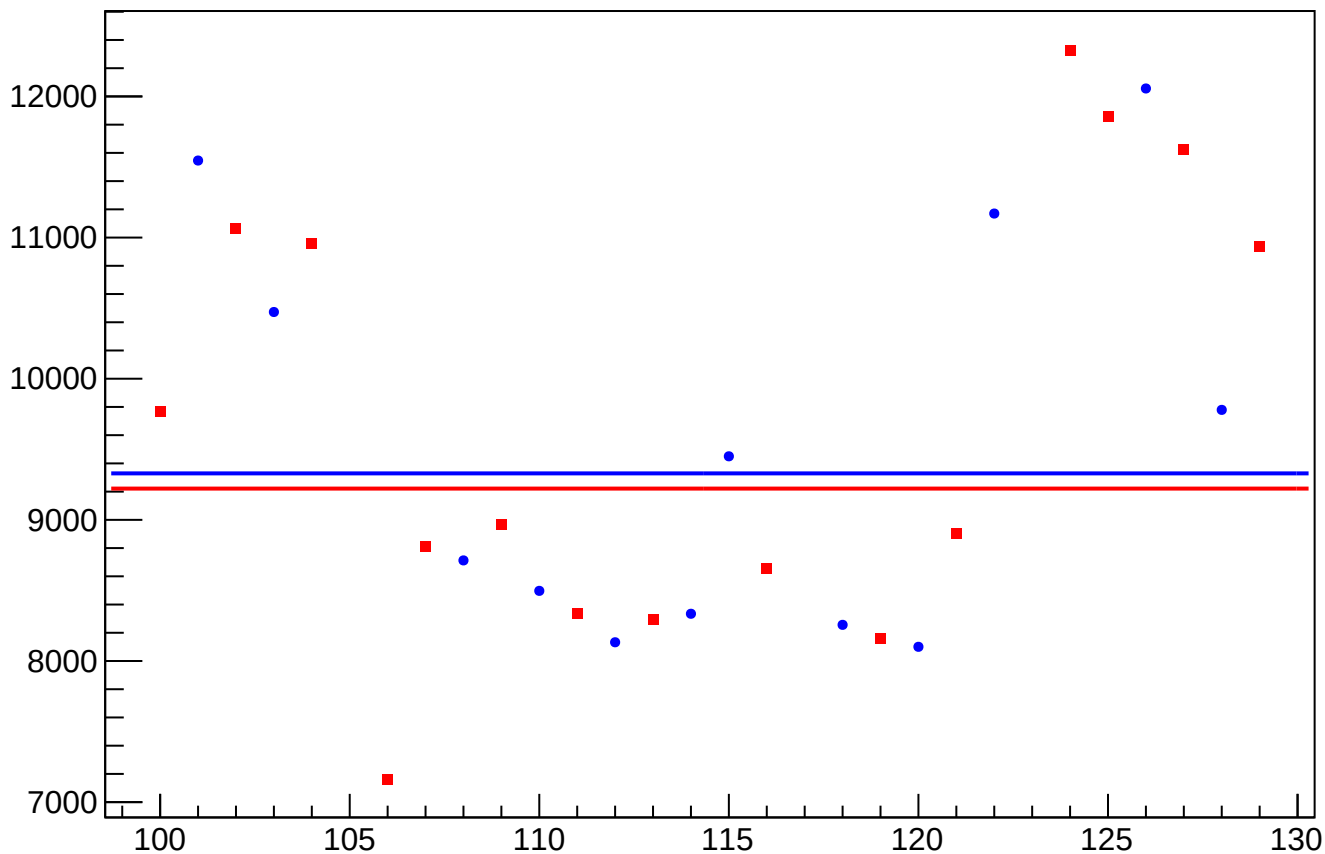
Right: 16.059+/-2.837 χ^2/NDF : 70.8/26

In: 25.407+/-4.220 χ^2/NDF : 34.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.059+/-2.837 χ^2/NDF : 70.8/26

diff_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 9329.298+/-2.984 χ^2/NDF : 198171.6/11

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

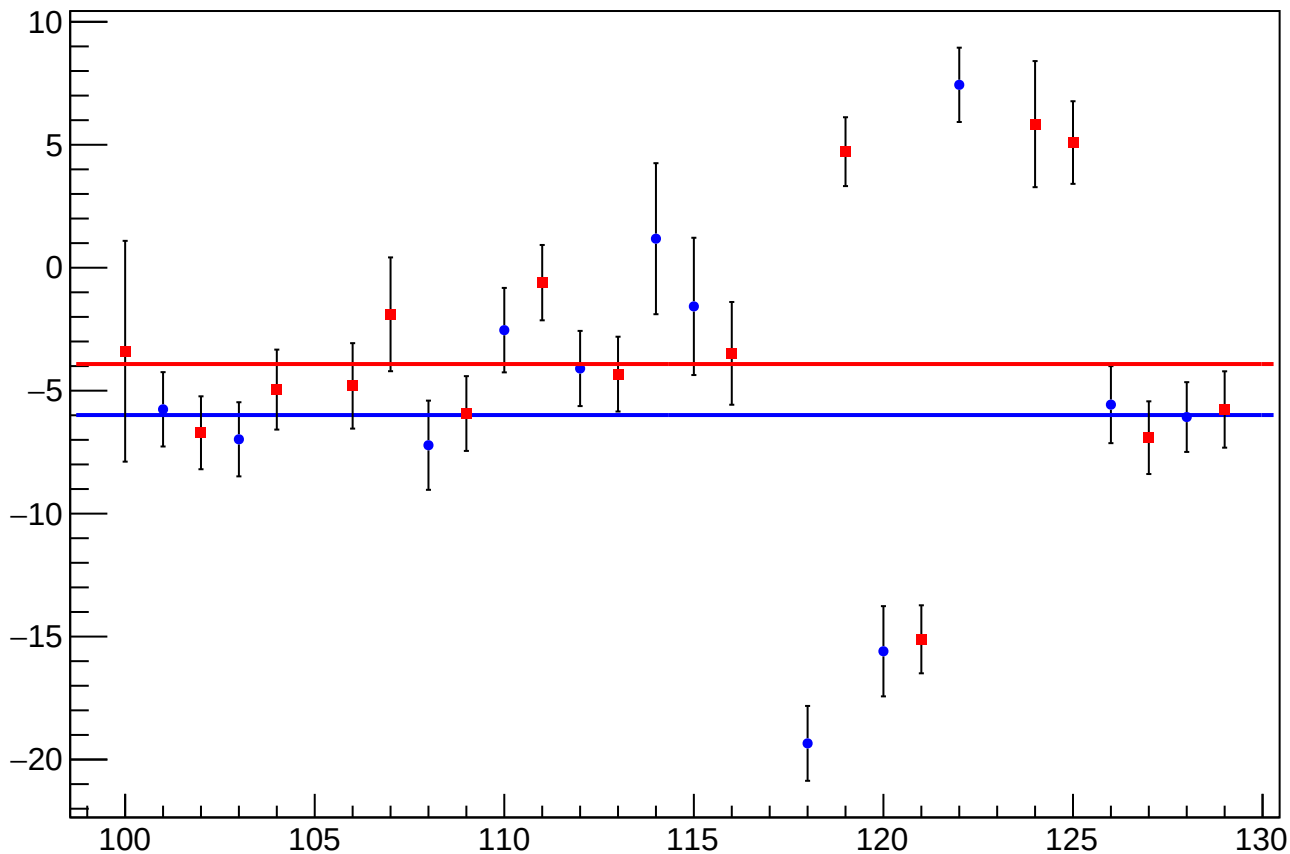
Right: 9270.261+/-2.006 χ^2/NDF : 475330.4/26

In: 9329.298+/-2.984 χ^2/NDF : 198171.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9270.261+/-2.006 χ^2/NDF : 475330.4/26

diff_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: -5.991 ± 0.485 χ^2/NDF : 197.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.917 ± 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

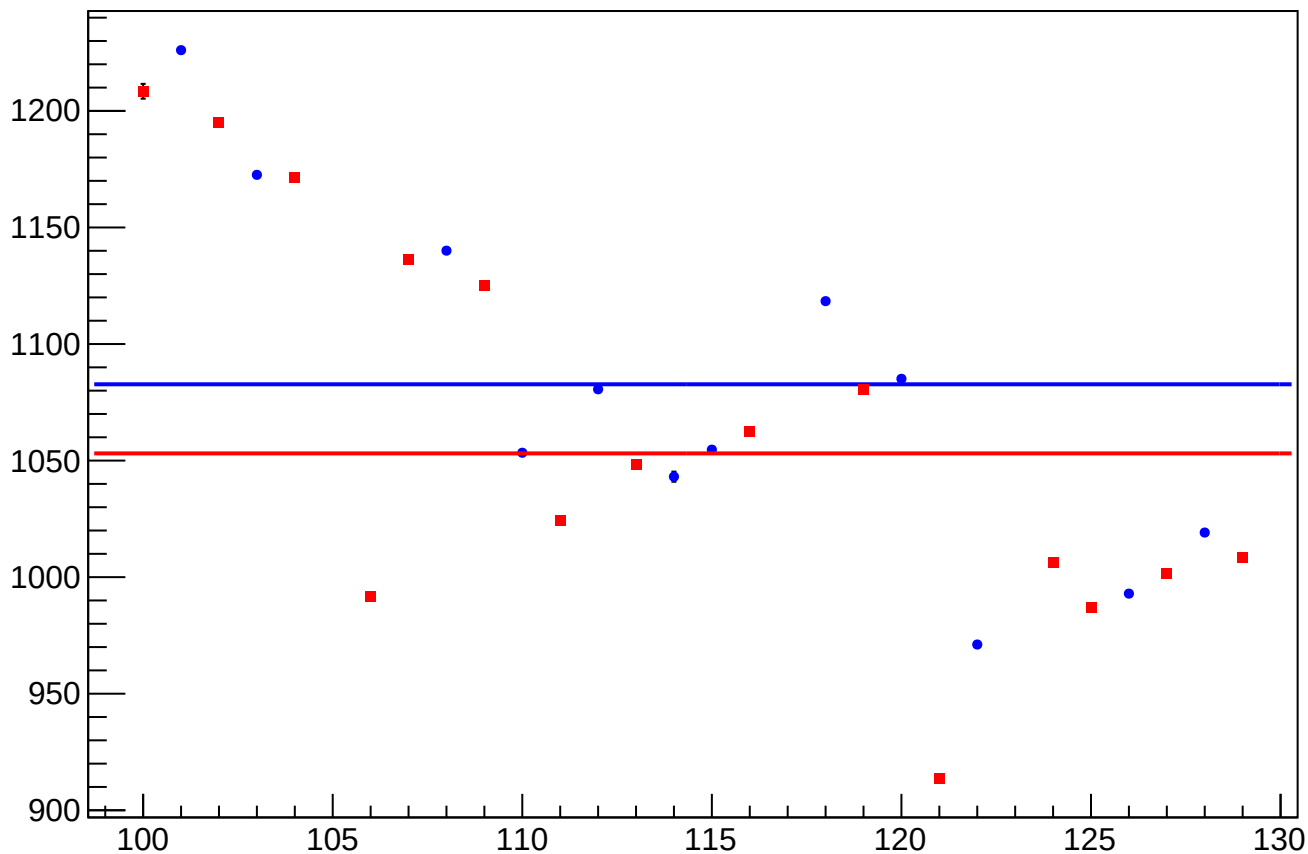
Right: -4.837 ± 0.323 χ^2/NDF : 371.9/26

In: -5.991 ± 0.485 χ^2/NDF : 197.8/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.837 ± 0.323 χ^2/NDF : 371.9/26

diff_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 1082.732+/-0.343 χ^2/NDF : 50810.8/11

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

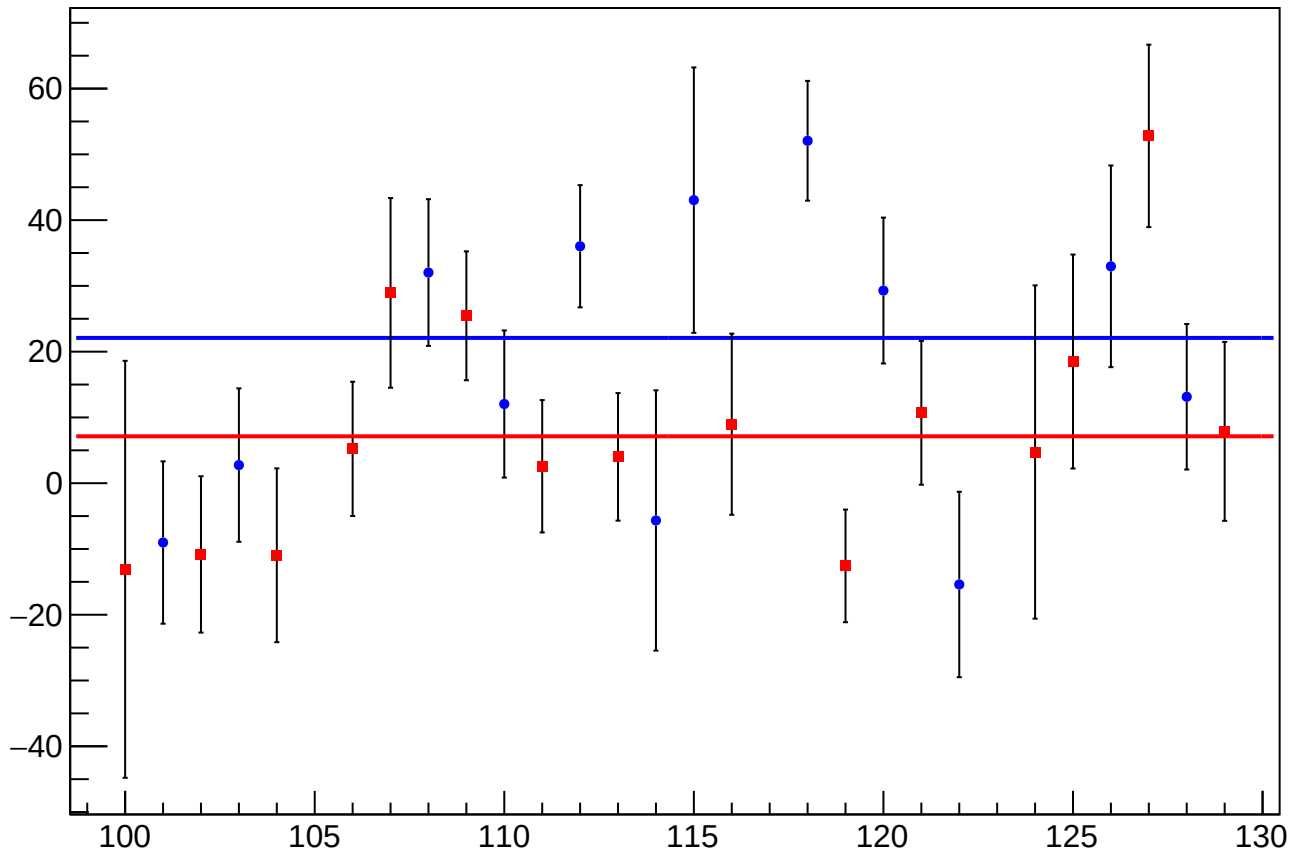
Right: 1066.241+/-0.228 χ^2/NDF : 125609.1/26

In: 1082.732+/-0.343 χ^2/NDF : 50810.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1066.241+/-0.228 χ^2/NDF : 125609.1/26

diff_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 22.092 $\pm$ 3.447 χ^2 /NDF: 35.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7.130 $\pm$ 3.126 χ^2 /NDF: 27.5/14

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

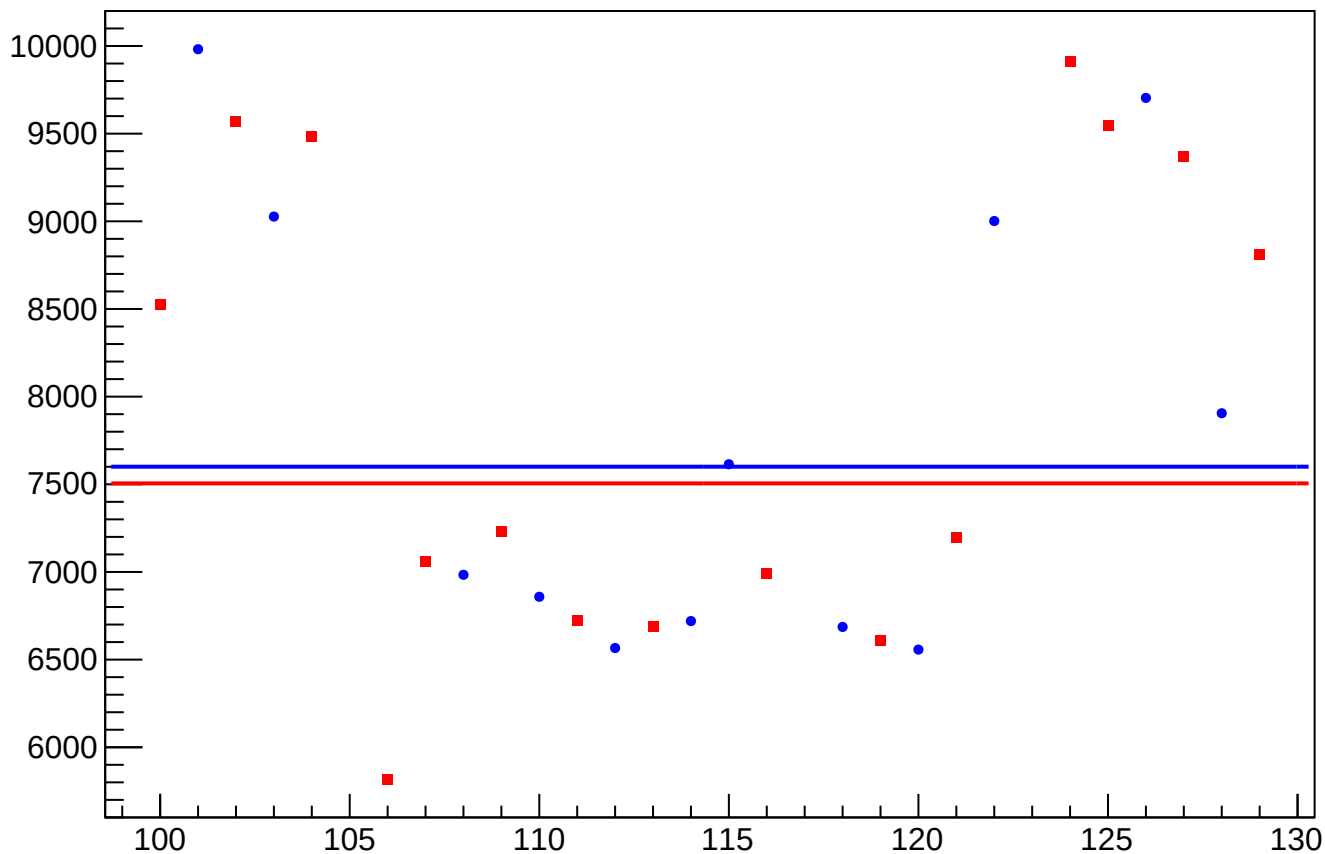
Right: 13.882 $\pm$ 2.315 χ^2 /NDF: 73.3/26

In: 22.092 $\pm$ 3.447 χ^2 /NDF: 35.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13.882 $\pm$ 2.315 χ^2 /NDF: 73.3/26

diff_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 7600.454+/-2.437 χ^2/NDF : 244761.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

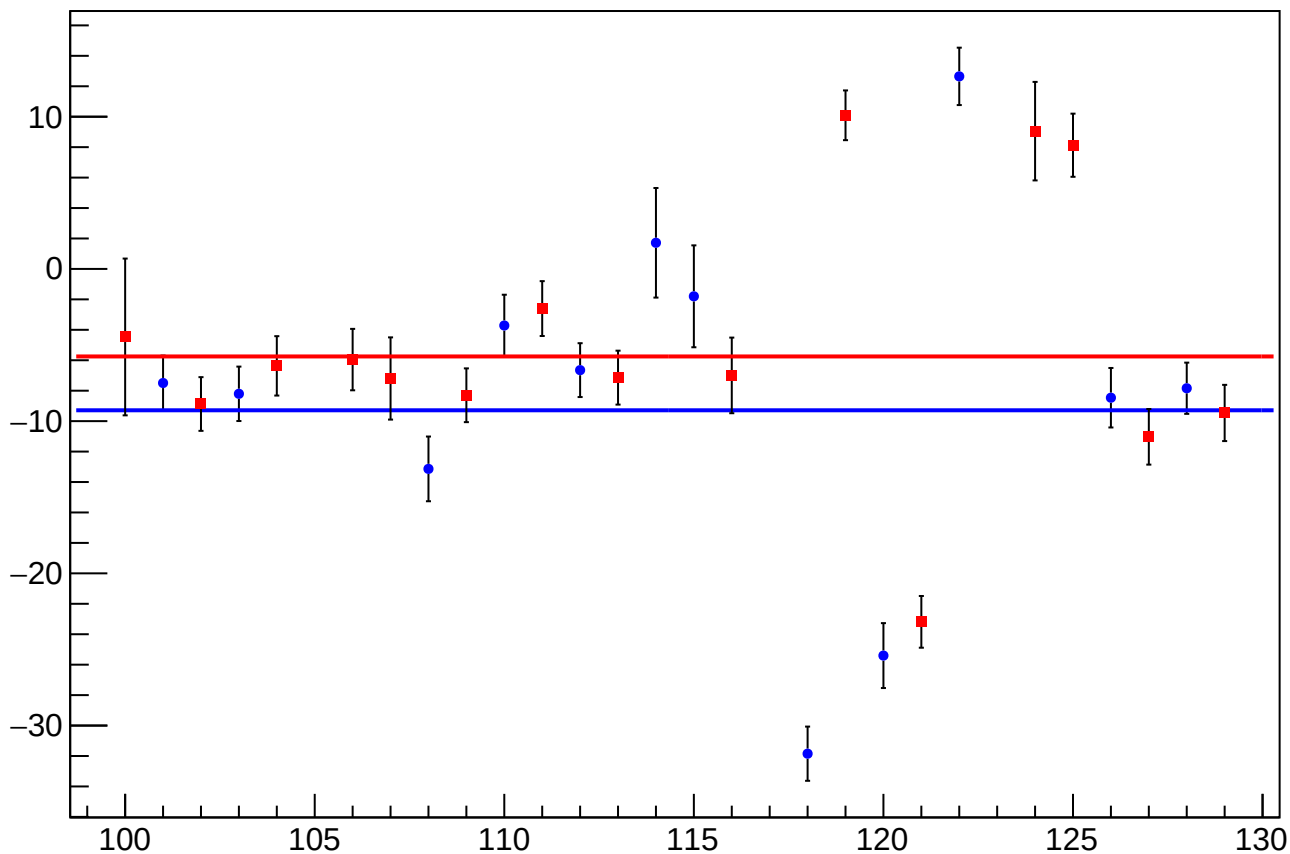
Right: 7548.193+/-1.637 χ^2/NDF : 567594.5/26

In: 7600.454+/-2.437 χ^2/NDF : 244761.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7548.193+/-1.637 χ^2/NDF : 567594.5/26

diff_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -9.287+/-0.577 χ^2/NDF : 382.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.750+/-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

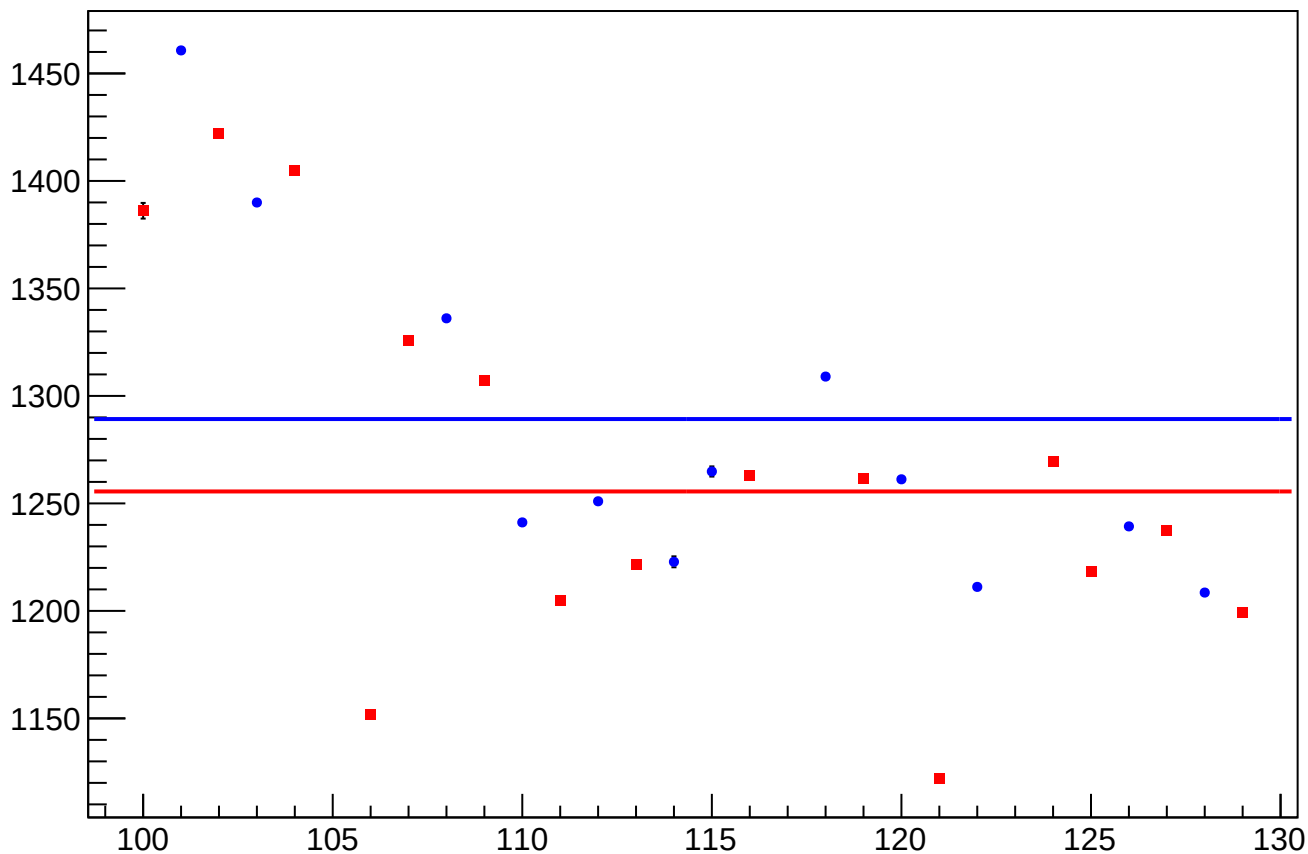
Right: -7.322+/-0.385 χ^2/NDF : 690.7/26

In: -9.287+/-0.577 χ^2/NDF : 382.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.322+/-0.385 χ^2/NDF : 690.7/26

diff_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 1289.238+/-0.408 χ^2/NDF : 38225.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

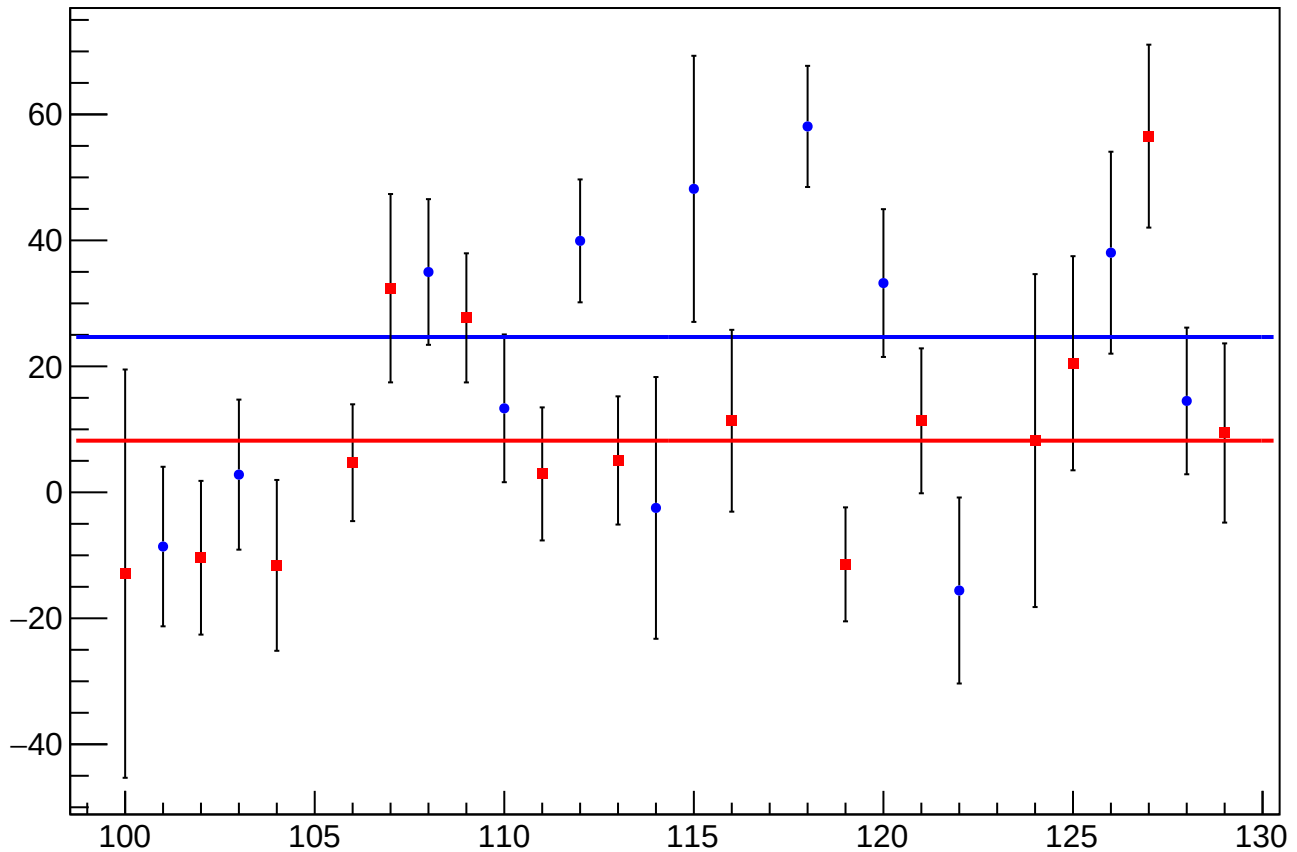
Right: 1270.527+/-0.272 χ^2/NDF : 98669.5/26

In: 1289.238+/-0.408 χ^2/NDF : 38225.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1270.527+/-0.272 χ^2/NDF : 98669.5/26

diff_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 24.659+/-3.603 χ^2/NDF : 38.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.203+/-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

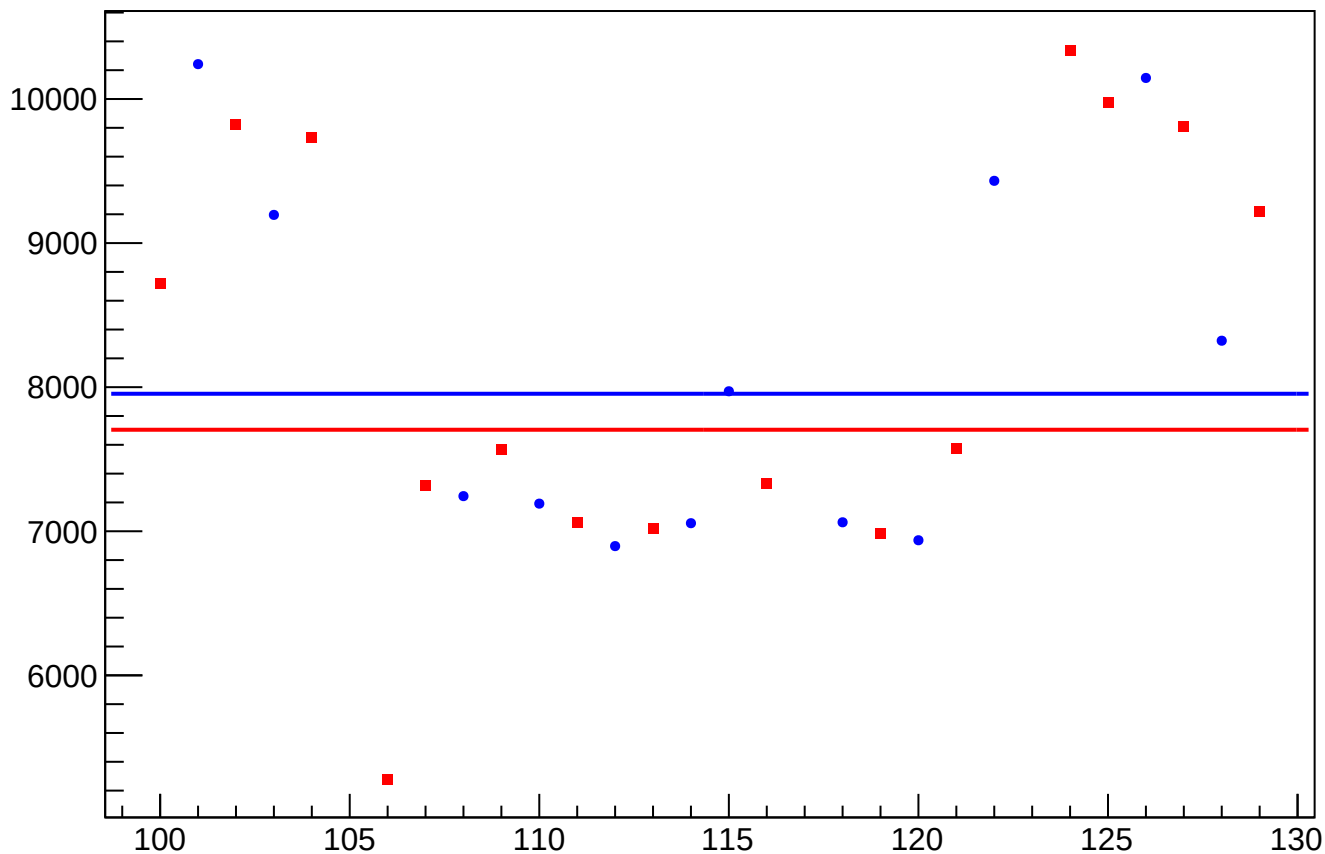
Right: 15.508+/-2.401 χ^2/NDF : 78.5/26

In: 24.659+/-3.603 χ^2/NDF : 38.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.508+/-2.401 χ^2/NDF : 78.5/26

diff_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 7954.308+/-2.548 χ^2/NDF : 221864.3/11

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

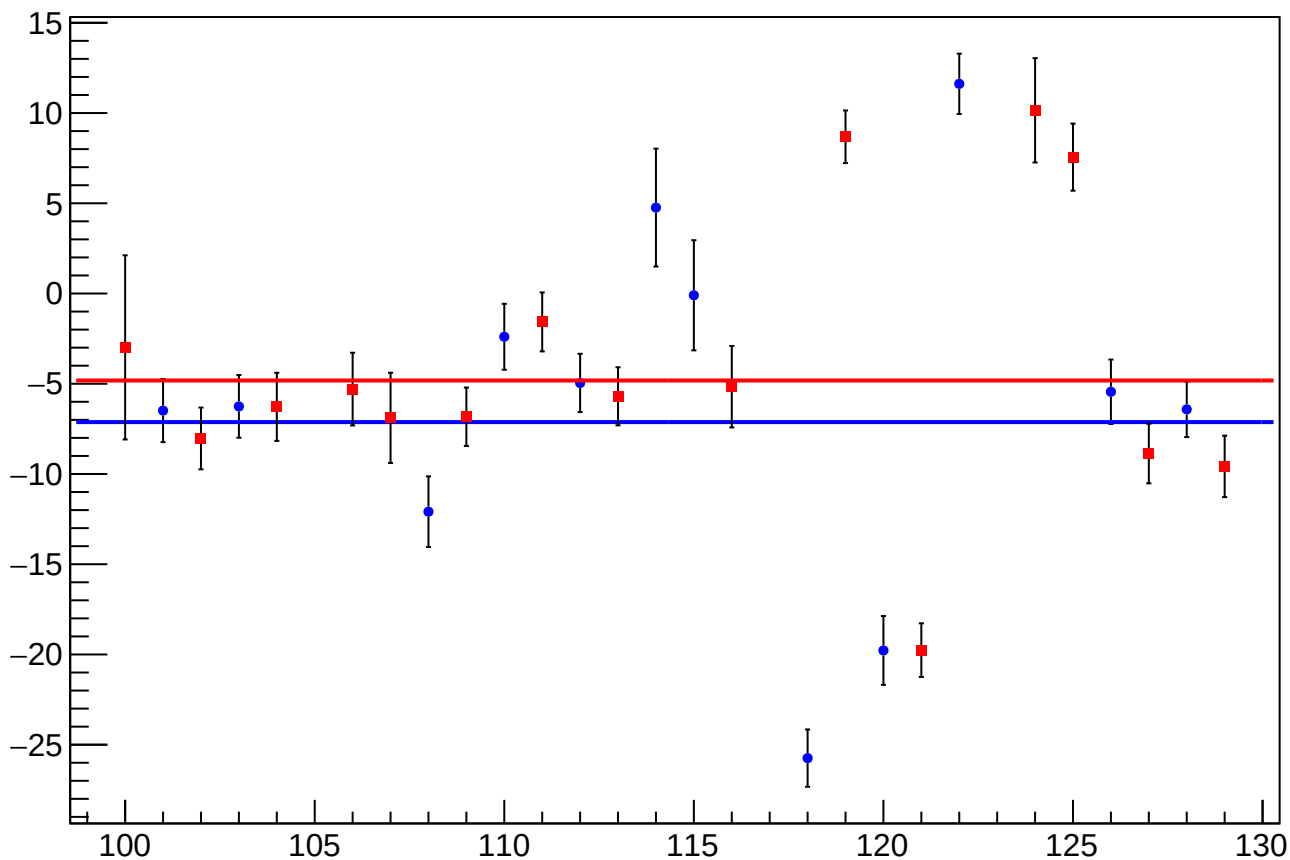
Right: 7815.395+/-1.698 χ^2/NDF : 624361.9/26

In: 7954.308+/-2.548 χ^2/NDF : 221864.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7815.395+/-1.698 χ^2/NDF : 624361.9/26

diff_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -7.125+/-0.529 χ^2/NDF : 342.0/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.820+/-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

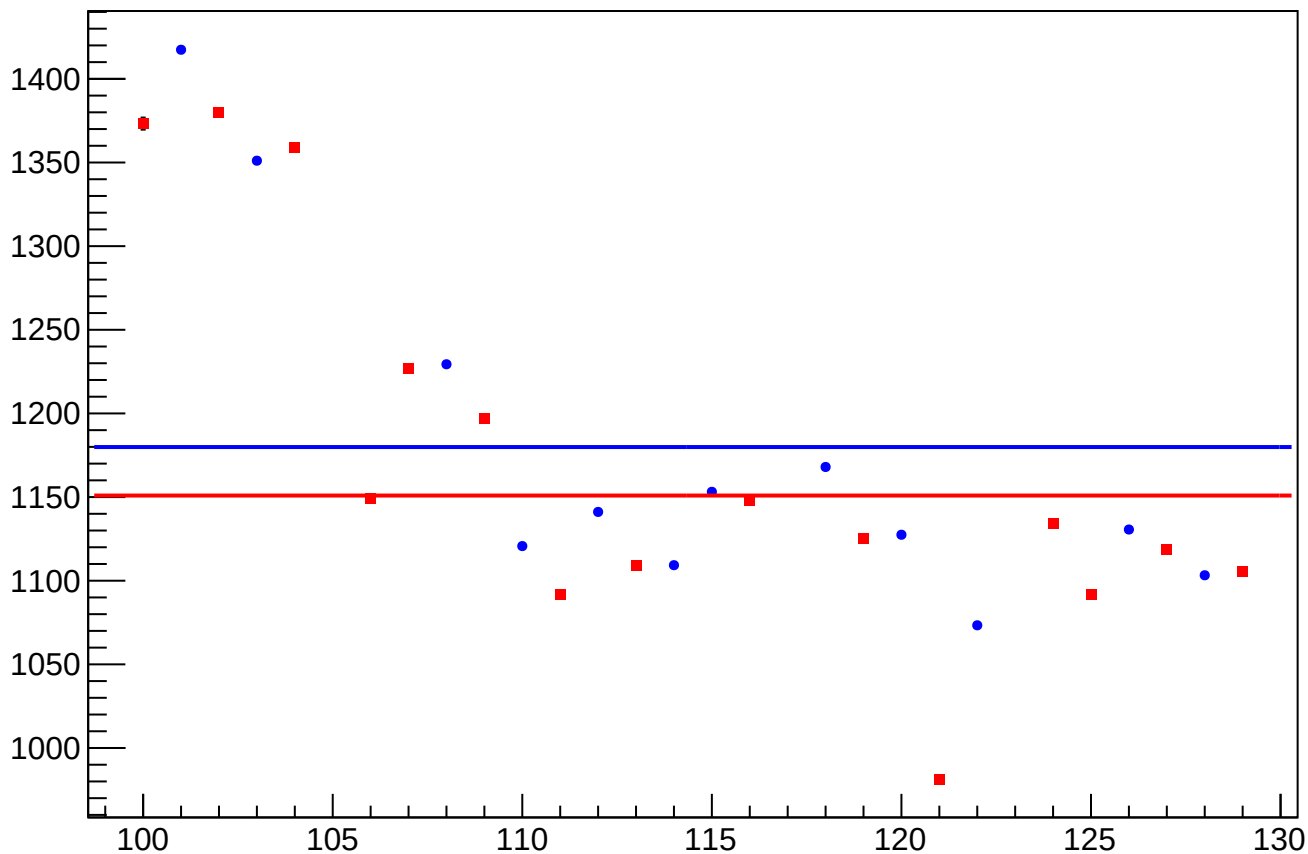
Right: -5.846+/-0.353 χ^2/NDF : 635.3/26

In: -7.125+/-0.529 χ^2/NDF :342.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.846+/-0.353 χ^2/NDF : 635.3/26

diff_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 1179.904+/-0.374 χ^2/NDF : 78229.3/11

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

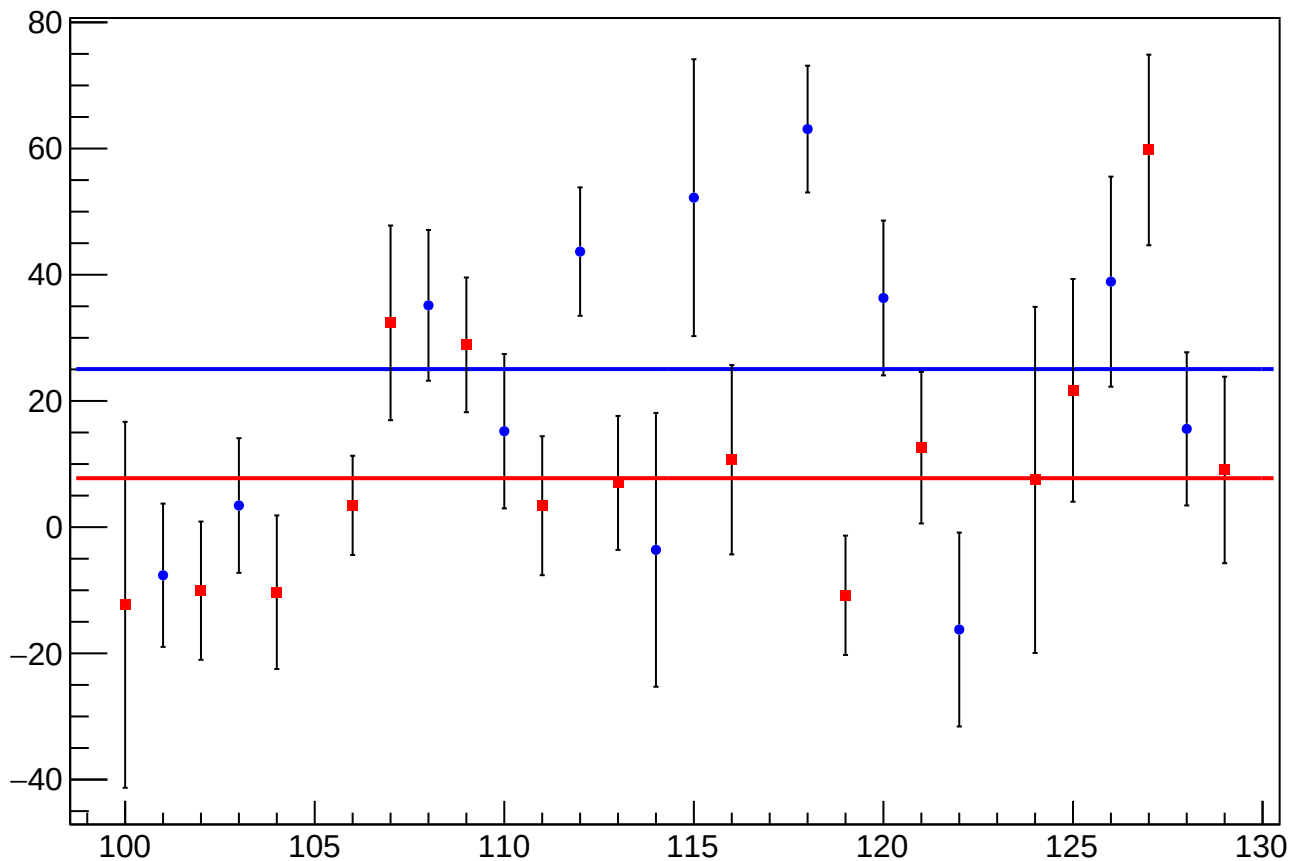
Right: 1163.820+/-0.250 χ^2/NDF : 183903.4/26

In: 1179.904+/-0.374 χ^2/NDF : 78229.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1163.820+/-0.250 χ^2/NDF : 183903.4/26

diff_bpm0l10X_mean vs Slug, Sign Corrected



Right In: 25.049+/-3.645 χ^2/NDF : 44.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.758+/-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

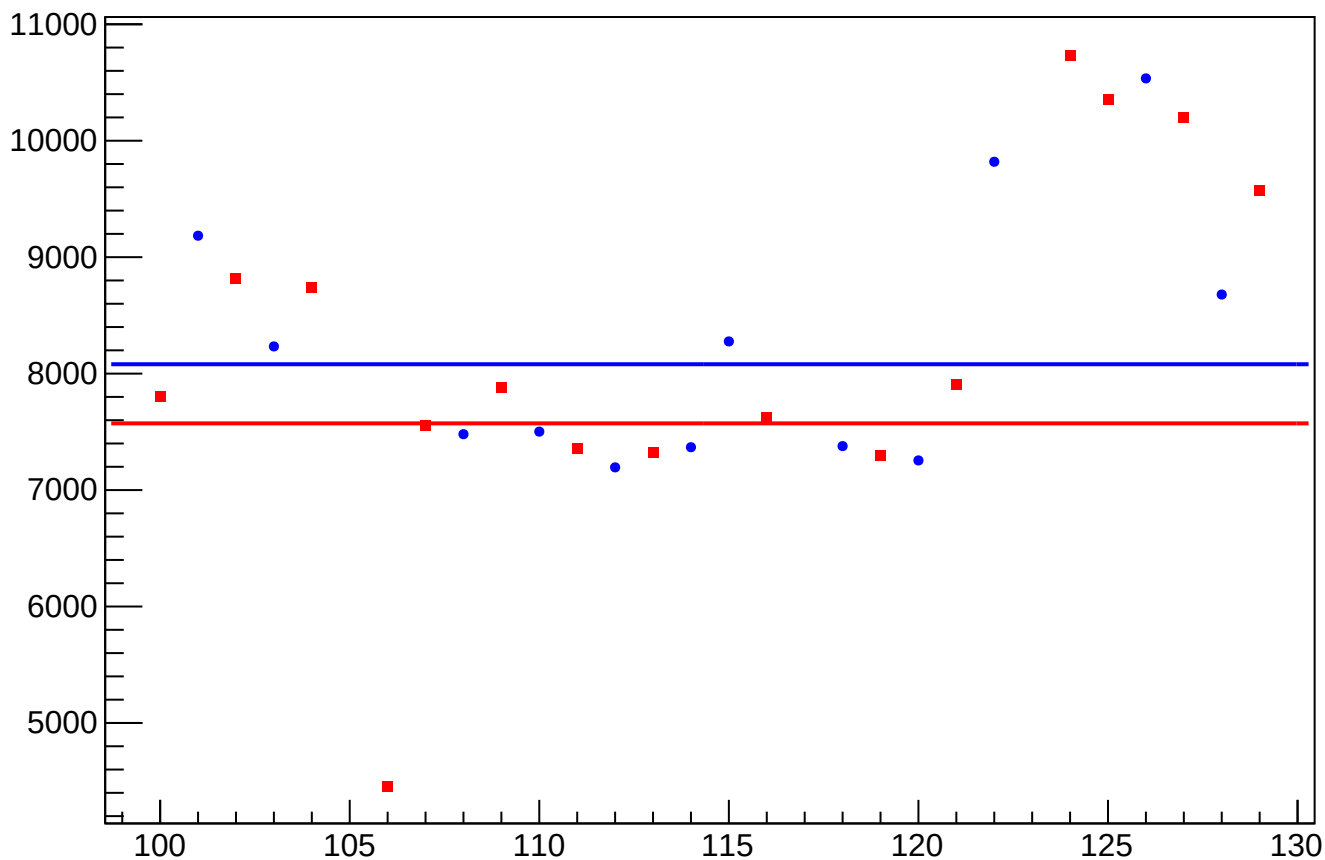
Right: 15.242+/-2.398 χ^2/NDF : 85.6/26

In: 25.049+/-3.645 χ^2/NDF : 44.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.242+/-2.398 χ^2/NDF : 85.6/26

diff_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 8080.592+/-2.577 χ^2/NDF : 139130.6/11

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

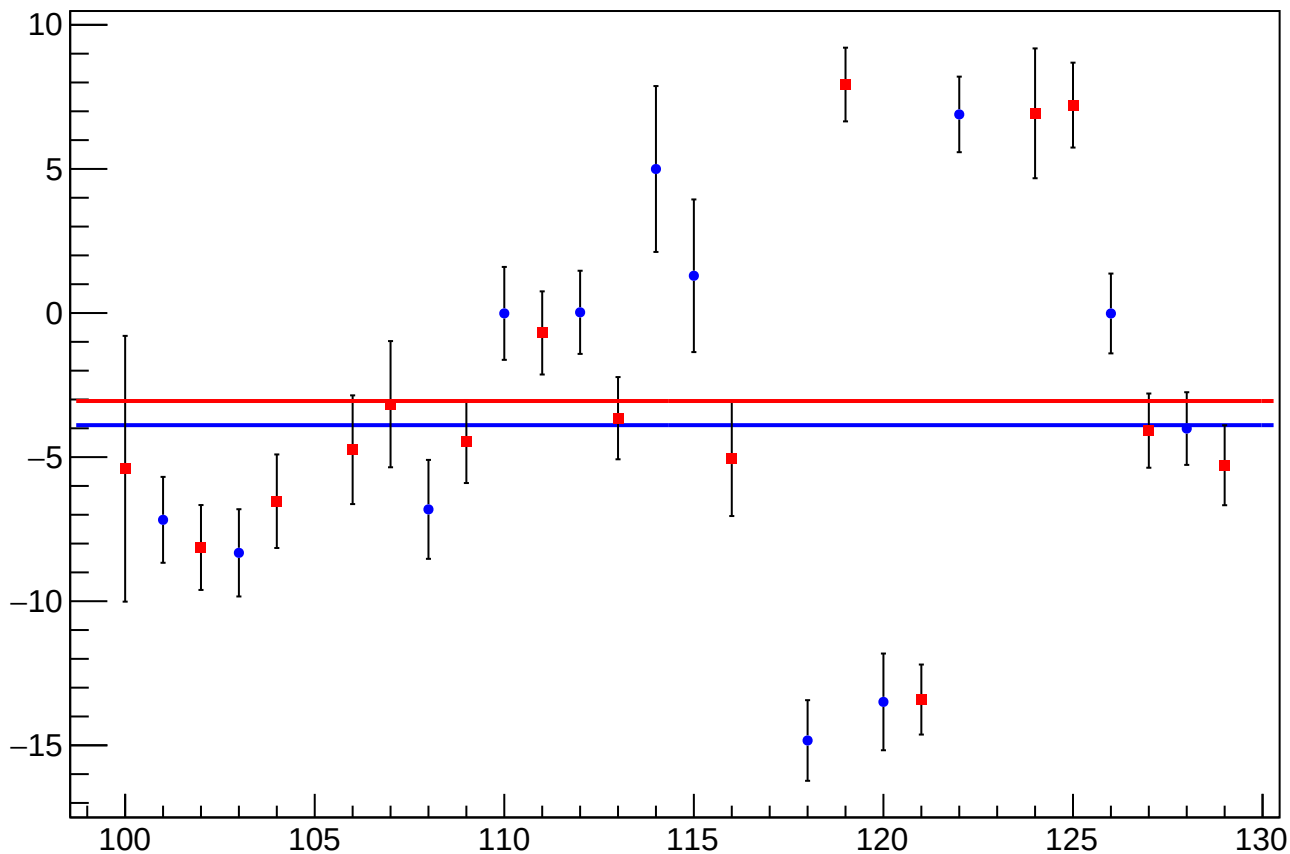
Right: 7792.579+/-1.696 χ^2/NDF : 700032.8/26

In: 8080.592+/-2.577 χ^2/NDF : 139130.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7792.579+/-1.696 χ^2/NDF : 700032.8/26

diff_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -3.891 ± 0.449 χ^2/NDF : 212.2/11

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

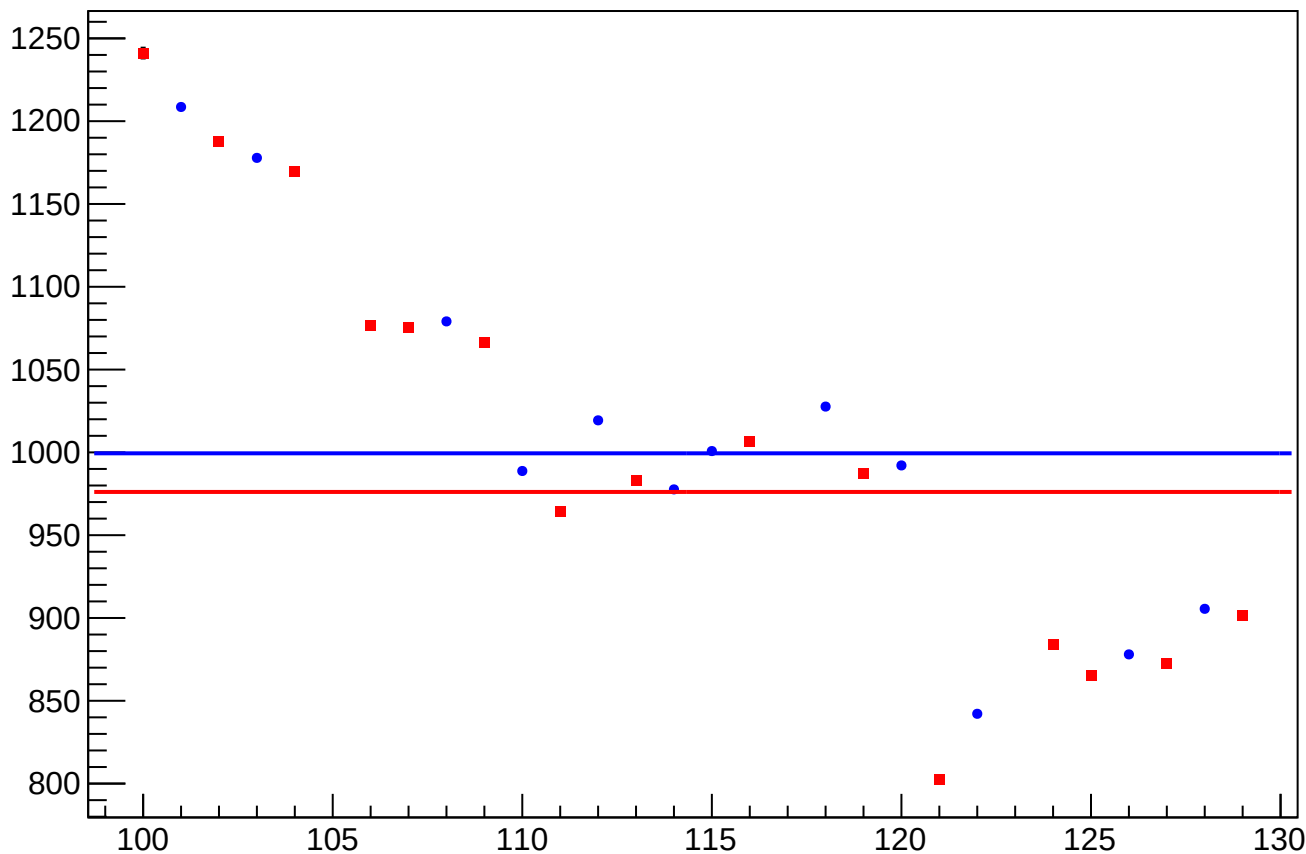
Right: -3.427 ± 0.300 χ^2/NDF : 454.5/26

In: -3.891 ± 0.449 χ^2/NDF : 212.2/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.427 ± 0.300 χ^2/NDF : 454.5/26

diff_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 999.435+/-0.318 χ^2/NDF : 128157.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

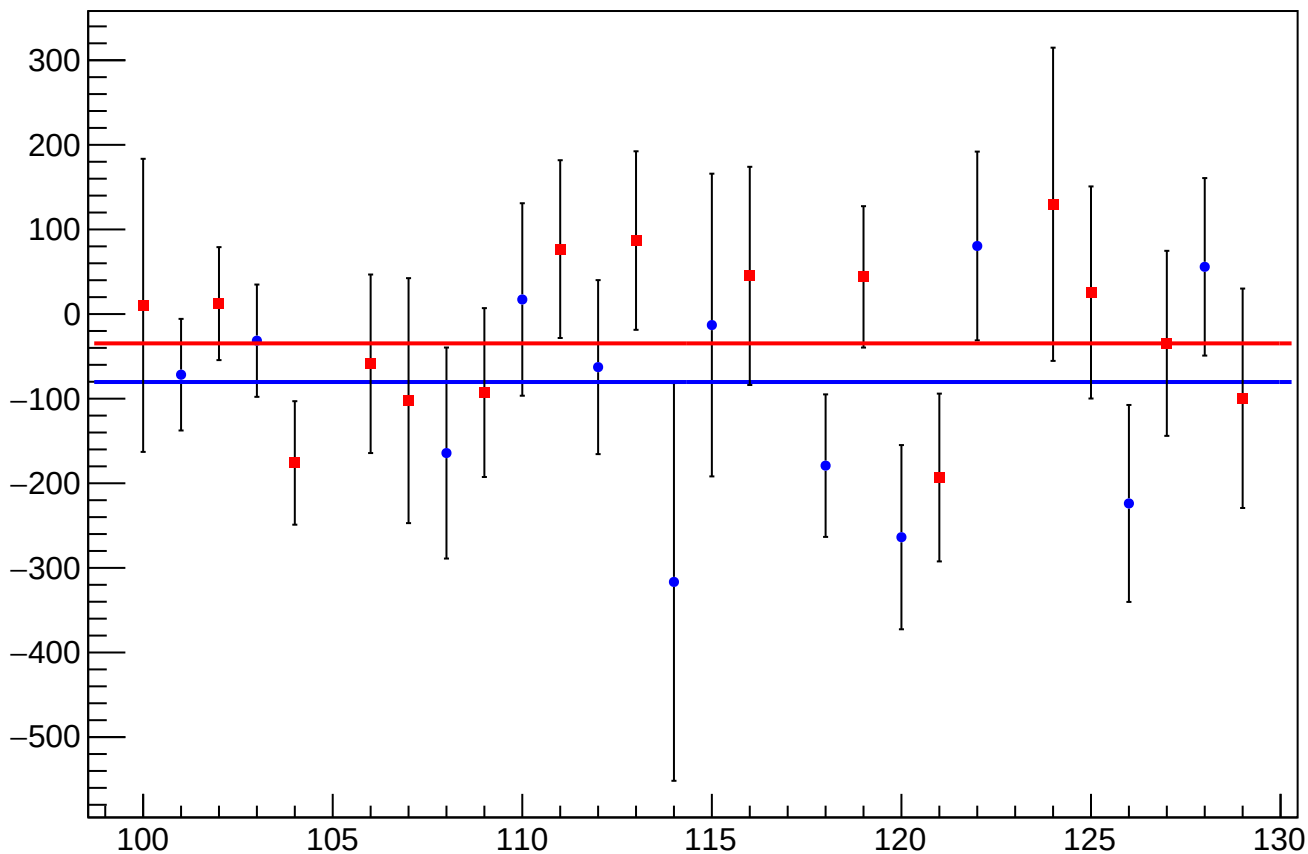
Right: 986.510+/-0.212 χ^2/NDF : 299992.3/26

In: 999.435+/-0.318 χ^2/NDF : 128157.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 986.510+/-0.212 χ^2/NDF : 299992.3/26

diff_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -80.314 ± 28.714 χ^2/NDF : 12.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

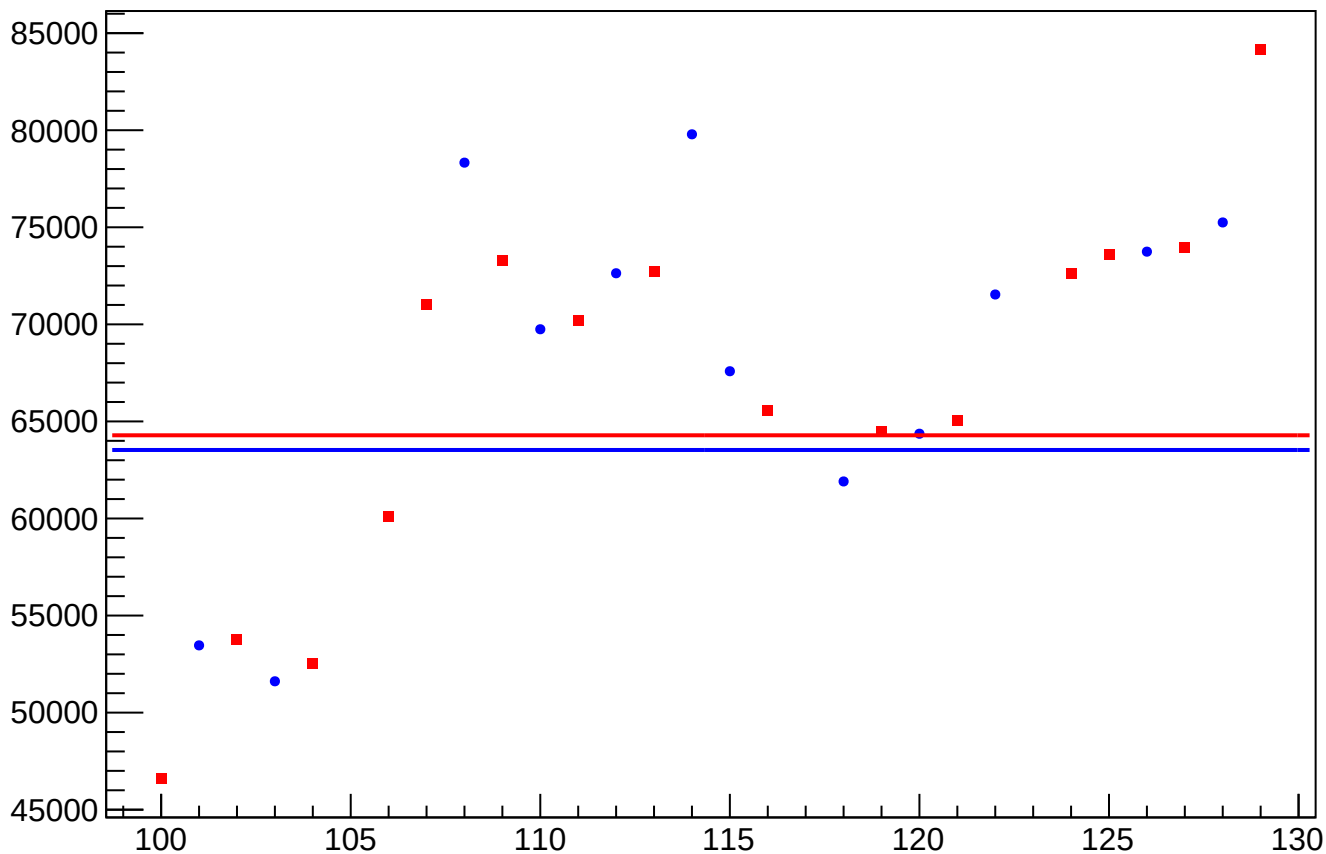
Right: -55.808 ± 19.545 χ^2/NDF : 26.2/26

In: -80.314 ± 28.714 χ^2/NDF : 12.4/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -55.808 ± 19.545 χ^2/NDF : 26.2/26

diff_bpm0r03X_rms vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 63934.867+/-13.821 χ^2 /NDF: 467177.1/26

In: 63528.692+/-20.304 χ^2 /NDF: 223019.1/11

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 63934.867+/-13.821 χ^2 /NDF: 467177.1/26

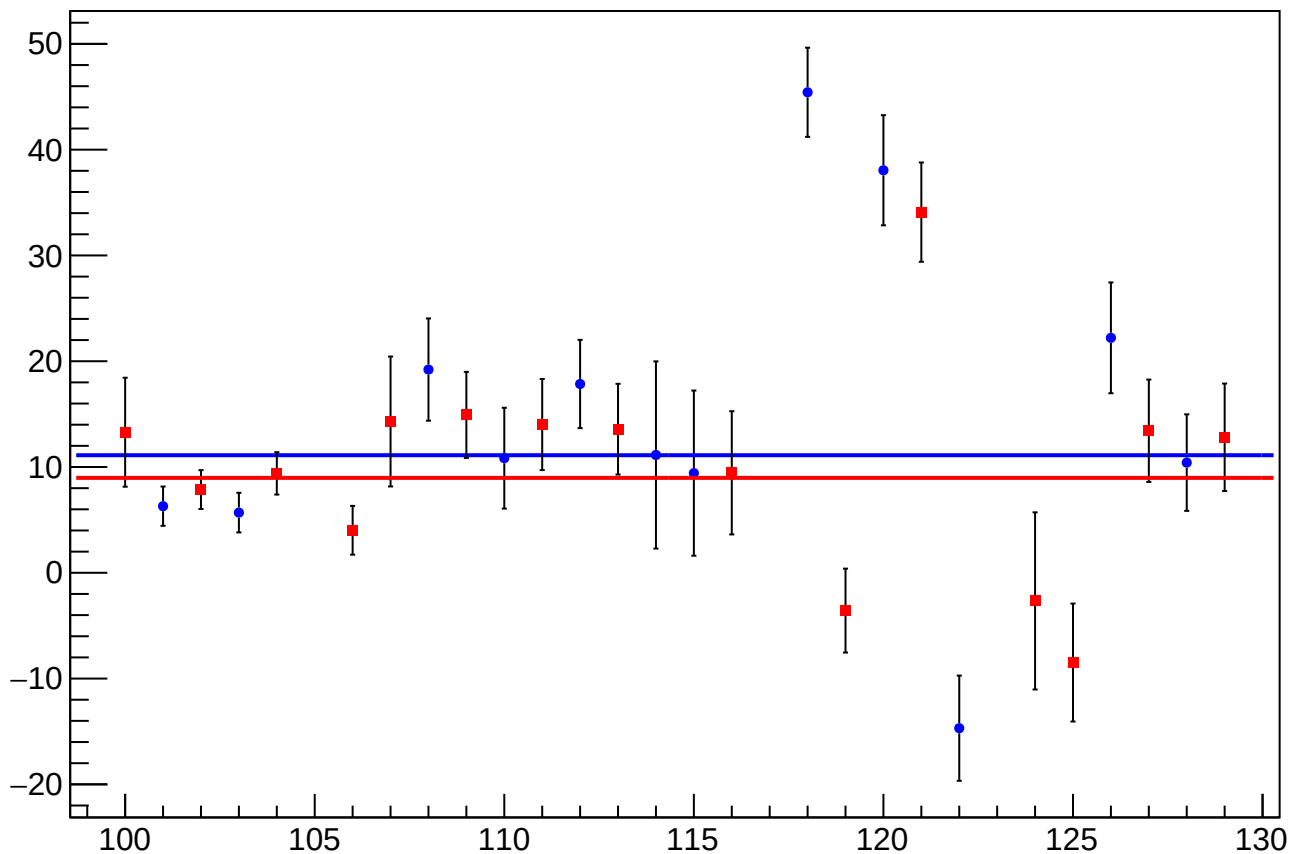
Right In: 63528.692+/-20.304 χ^2 /NDF: 223019.1/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 64285.542+/-18.866 χ^2 /NDF: 243412.2/14

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 11.115 $\pm$ 1.017 χ^2 /NDF: 145.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 8.973 $\pm$ 0.901 χ^2 /NDF: 63.0/14

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

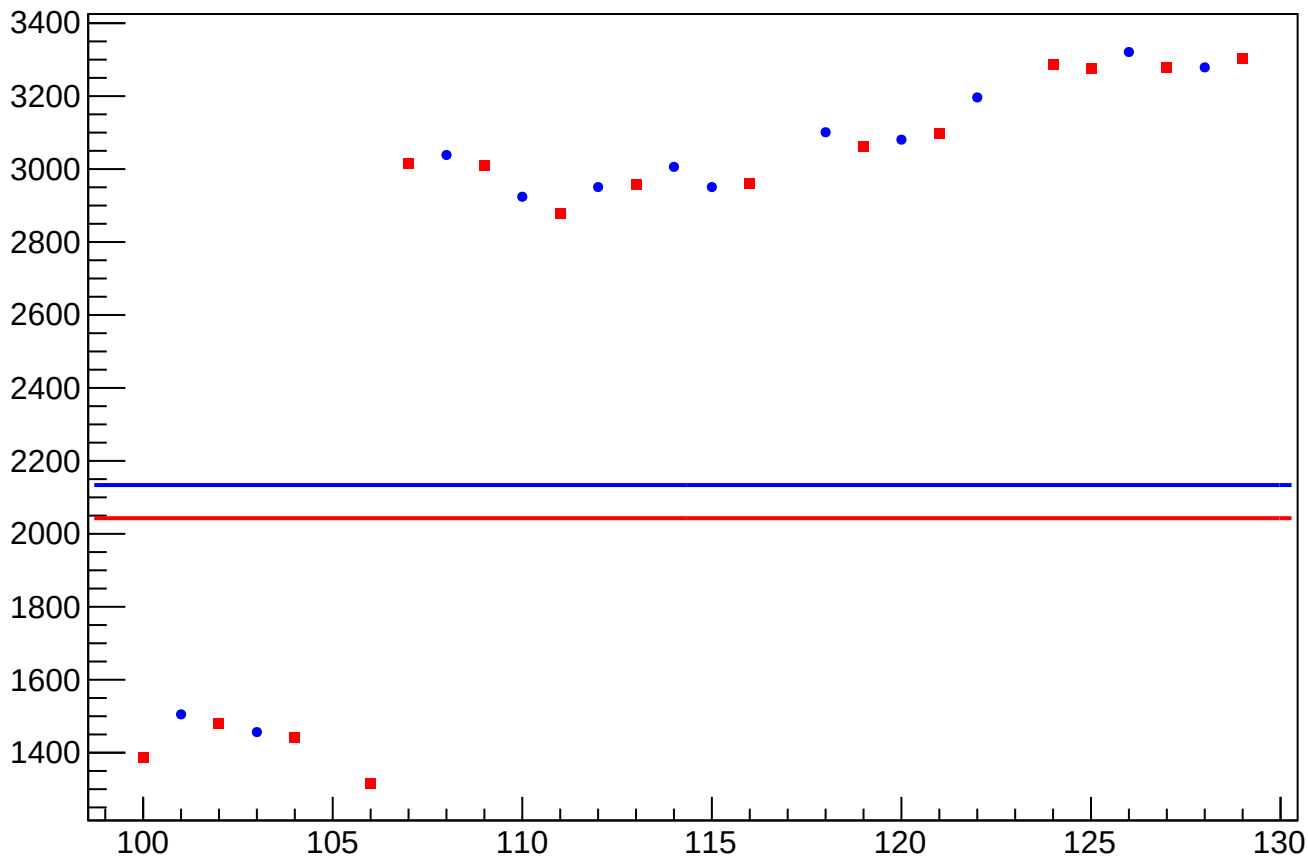
Right: 9.914 $\pm$ 0.674 χ^2 /NDF: 210.5/26

In: 11.115 $\pm$ 1.017 χ^2 /NDF:145.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 9.914 $\pm$ 0.674 χ^2 /NDF: 210.5/26

diff_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 2133.764+/-0.719 χ^2/NDF : 1225459.2/11

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

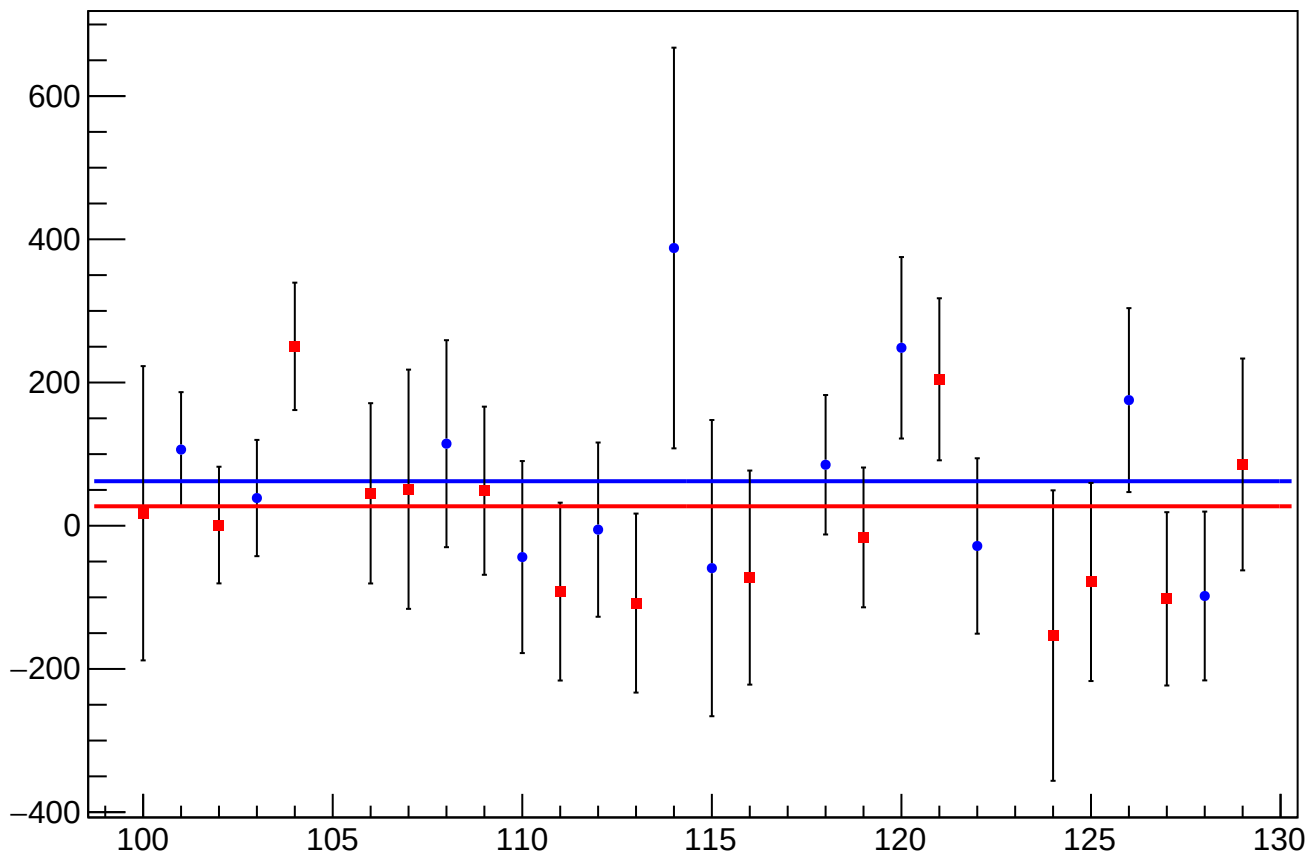
Right: 2082.856+/-0.477 χ^2/NDF : 2839968.7/26

In: 2133.764+/-0.719 χ^2/NDF : 1225459.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2082.856+/-0.477 χ^2/NDF : 2839968.7/26

diff_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 62.173+/-33.683 χ^2/NDF : 8.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

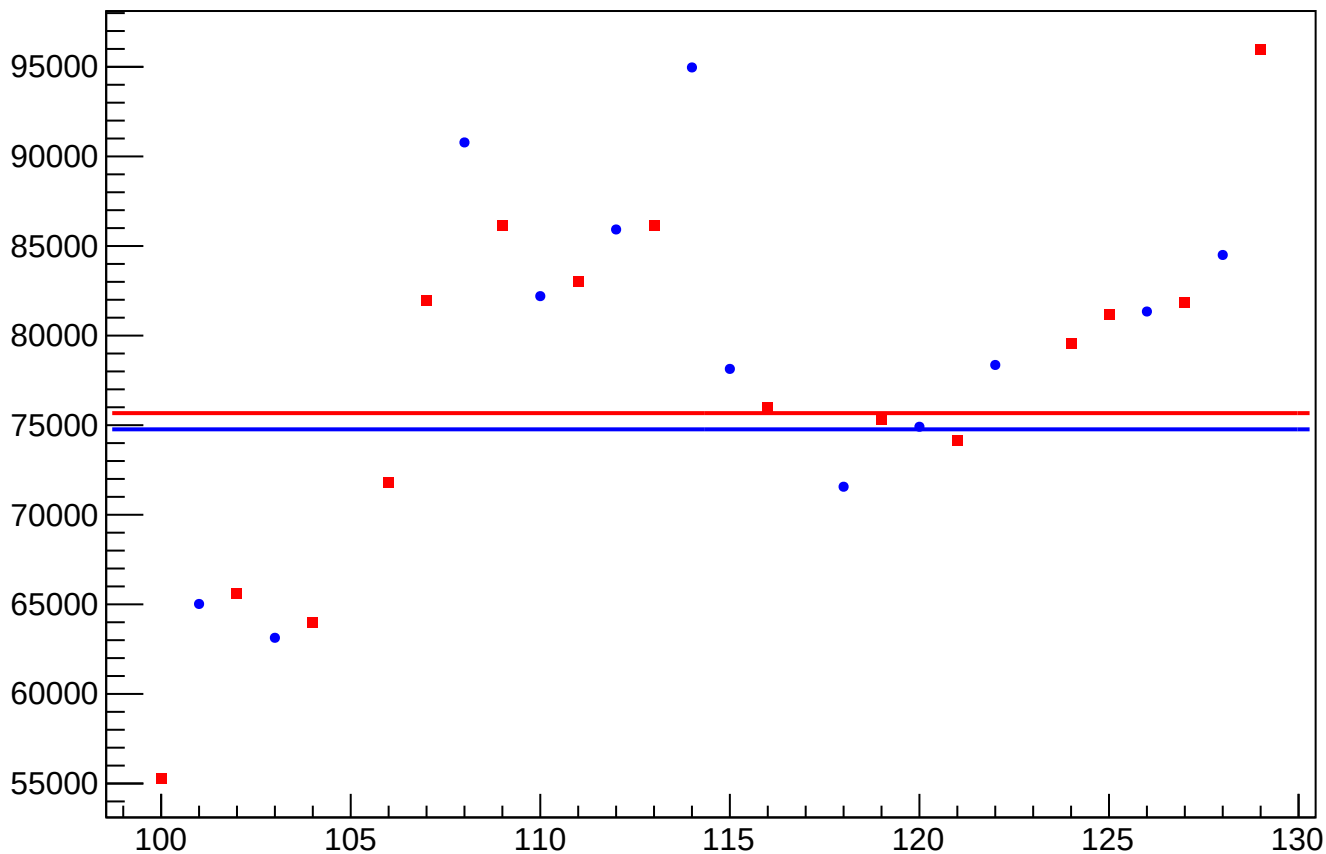
Right: 43.396+/-22.937 χ^2/NDF : 23.5/26

In: 62.173+/-33.683 χ^2/NDF : 8.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.396+/-22.937 χ^2/NDF : 23.5/26

diff_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 74767.976+/-23.818 χ^2/NDF : 151850.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75672.523+/-22.147 χ^2/NDF : 173327.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

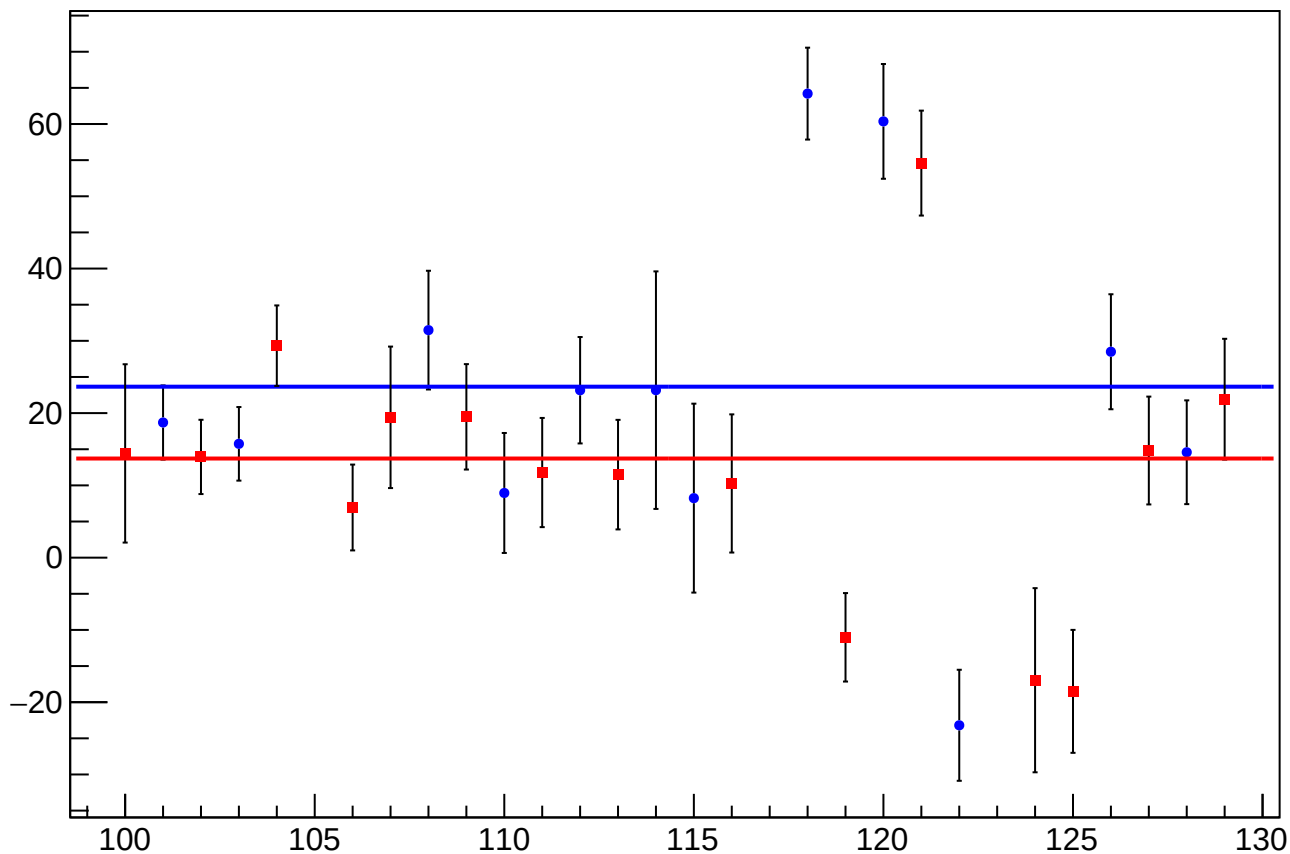
Right: 75253.092+/-16.219 χ^2/NDF : 325950.9/26

In: 74767.976+/-23.818 χ^2/NDF : 151850.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75253.092+/-16.219 χ^2/NDF : 325950.9/26

diff_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 23.656+/-2.100 χ^2/NDF : 110.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.716+/-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

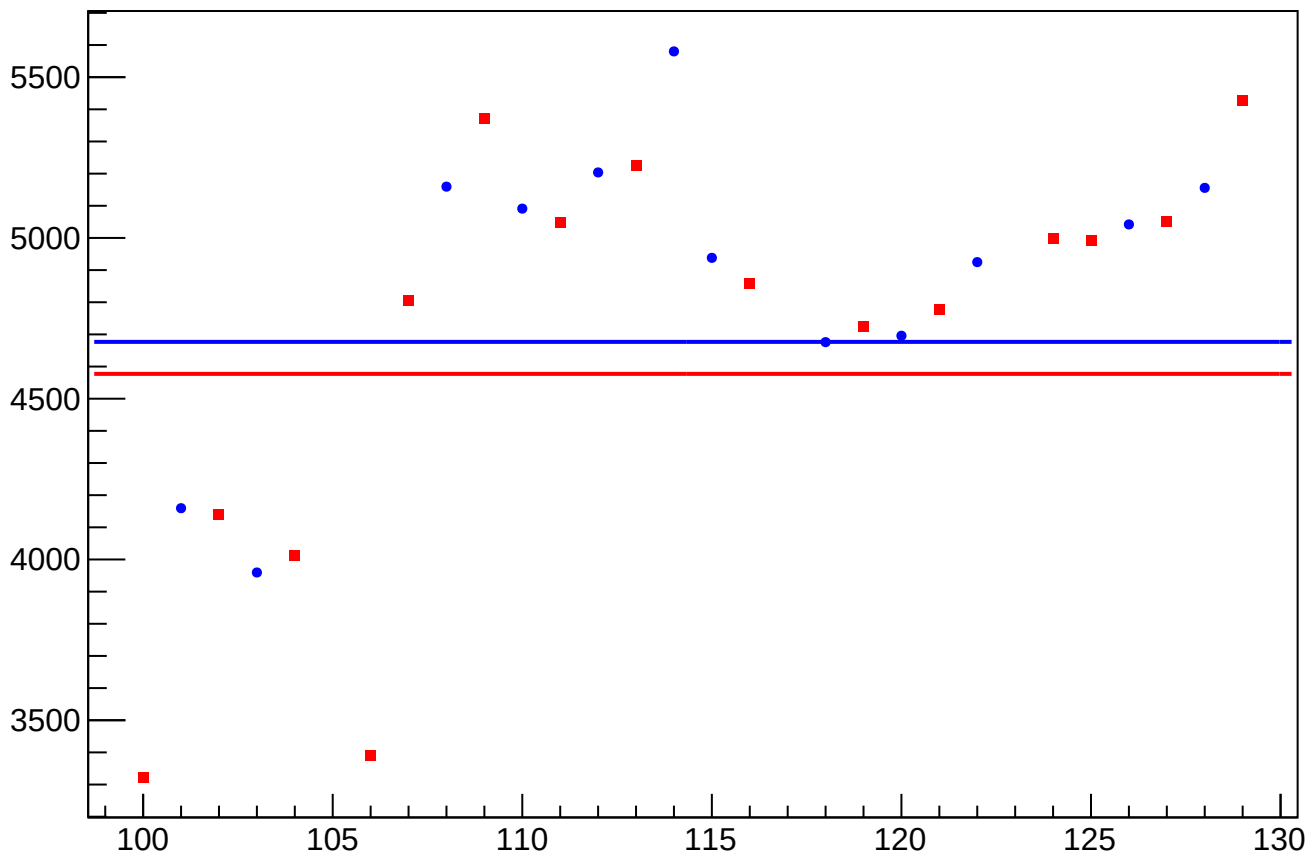
Right: 18.180+/-1.408 χ^2/NDF : 201.9/26

In: 23.656+/-2.100 χ^2/NDF : 110.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.180+/-1.408 χ^2/NDF : 201.9/26

diff_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 4676.761+/-1.485 χ^2/NDF : 104227.3/11

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

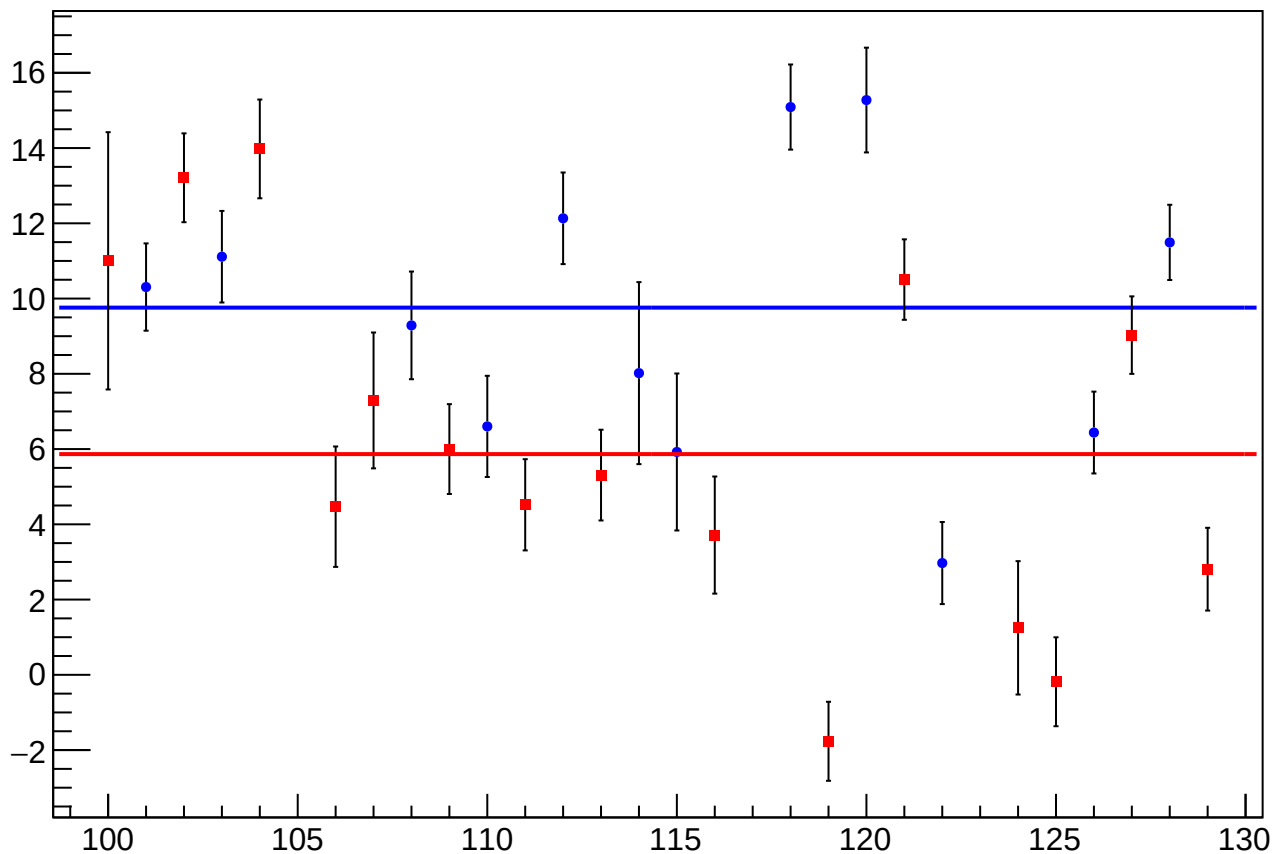
Right: 4621.934+/-0.995 χ^2/NDF : 330095.0/26

In: 4676.761+/-1.485 χ^2/NDF : 104227.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4621.934+/-0.995 χ^2/NDF : 330095.0/26

diff_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 9.759+/-0.365 χ^2/NDF : 103.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

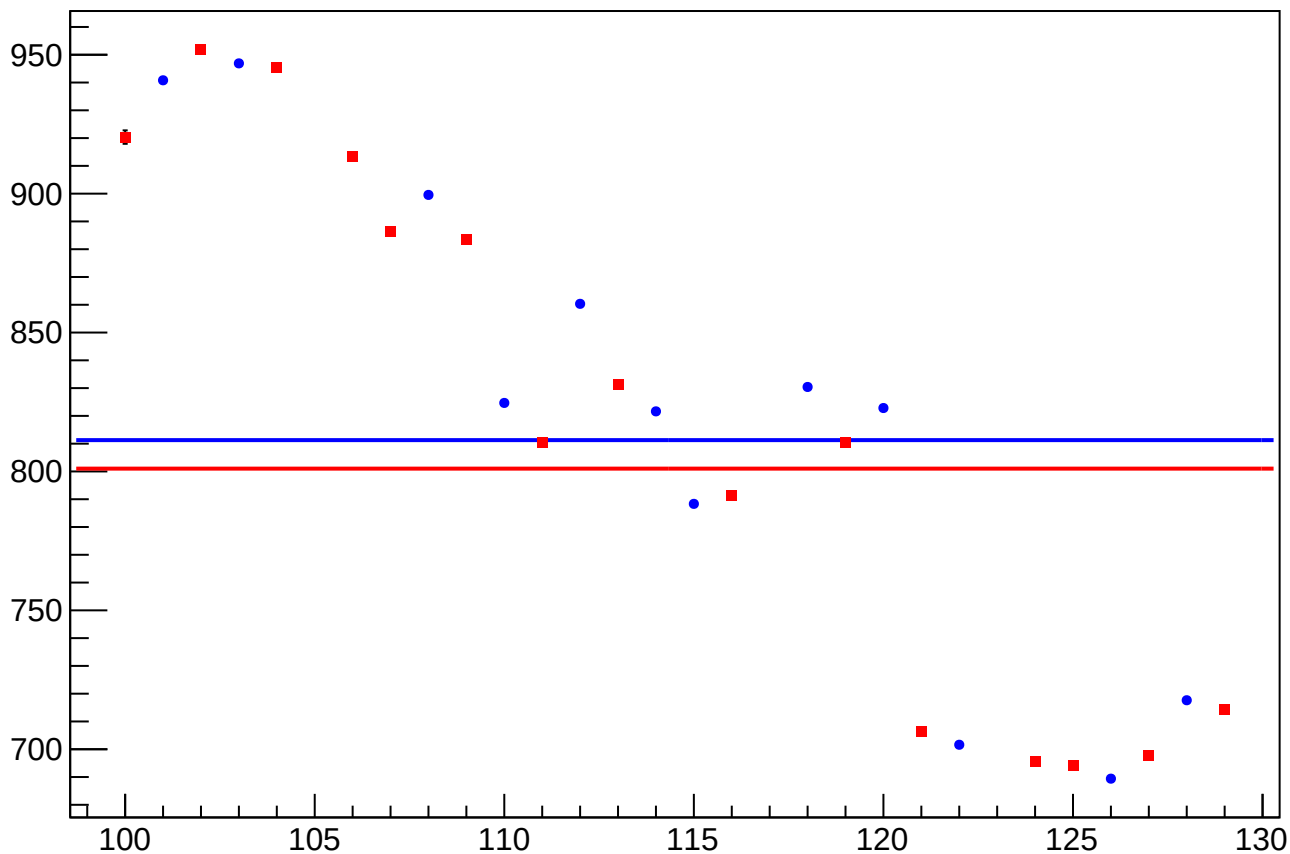
Right: 7.622+/-0.245 χ^2/NDF : 372.0/26

In: 9.759+/-0.365 χ^2/NDF :103.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7.622+/-0.245 χ^2/NDF : 372.0/26

diff_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 811.275+/-0.258 χ^2/NDF : 124681.1/11

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

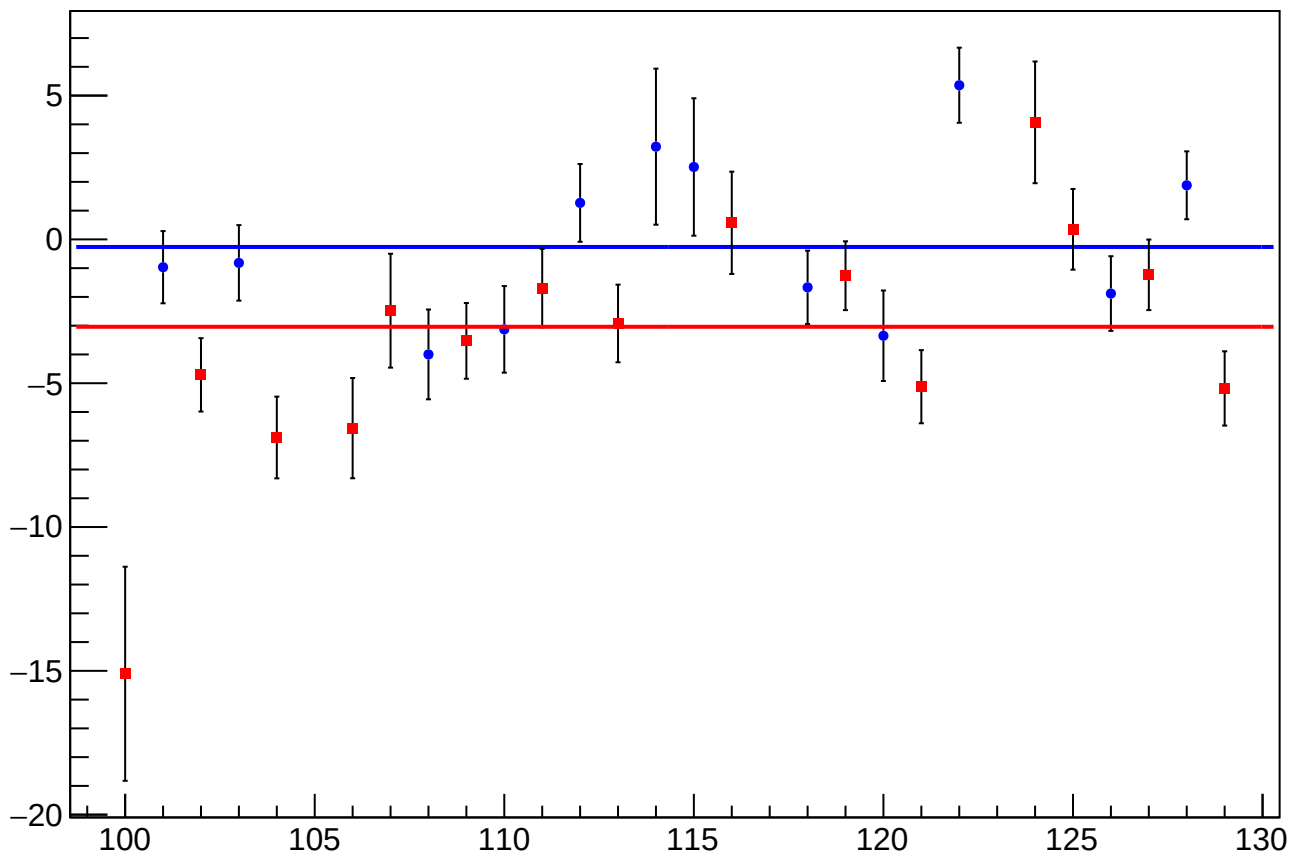
Right: 805.643+/-0.173 χ^2/NDF : 281926.8/26

In: 811.275+/-0.258 χ^2/NDF : 124681.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 805.643+/-0.173 χ^2/NDF : 281926.8/26

diff_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -0.263±/0.414 χ^2/NDF : 42.6/11

Left Out: 0.000±/0.000 χ^2/NDF : 0.0/0

Right Out: -3.038±/0.376 χ^2/NDF : 55.9/14

Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

Left: 0.000±/0.000 χ^2/NDF : 0.0/0

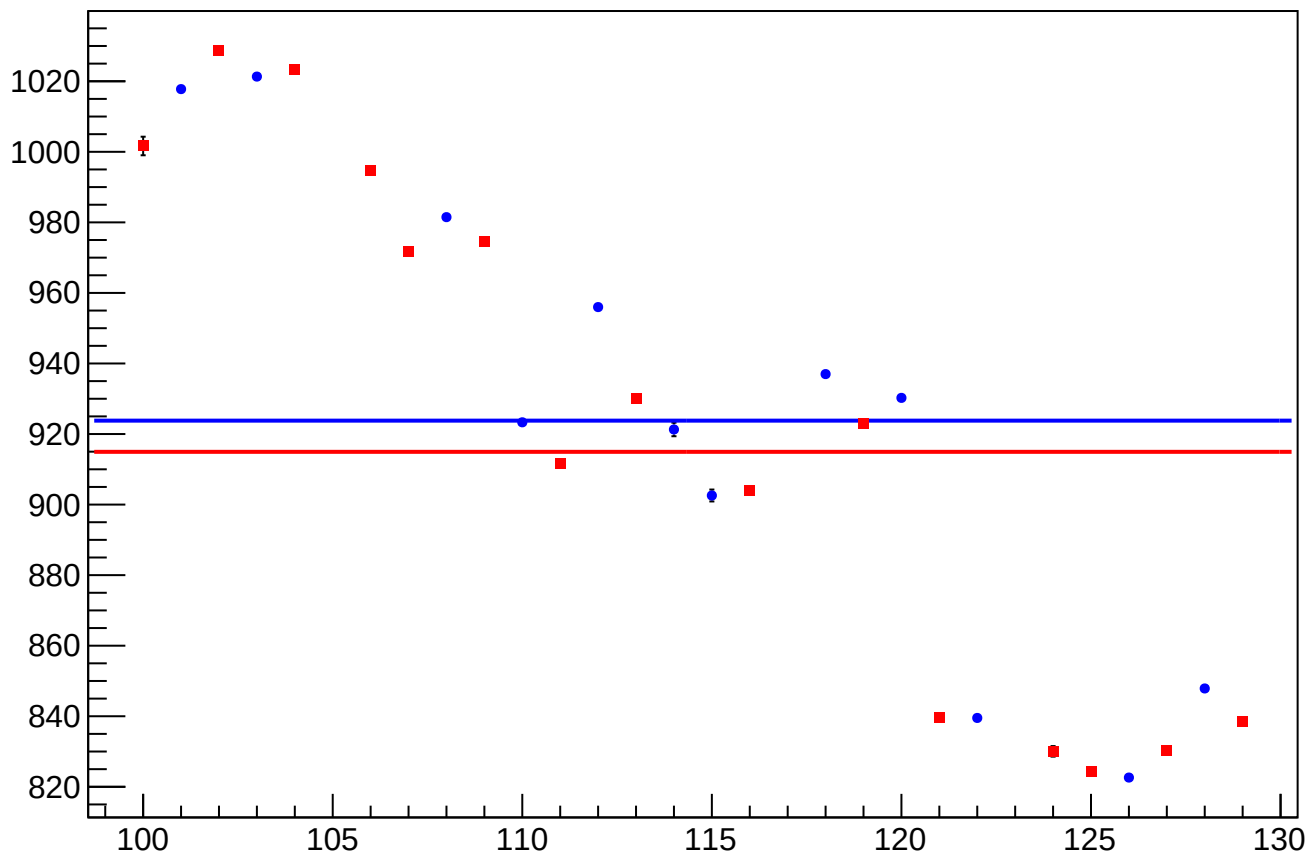
Right: -1.782±/0.278 χ^2/NDF : 123.1/26

In: -0.263±/0.414 χ^2/NDF : 42.6/11

Out: 0.000±/0.000 χ^2/NDF : 0.0/0

All: -1.782±/0.278 χ^2/NDF : 123.1/26

diff_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 923.797 $\pm$ 0.293 χ^2 /NDF: 55283.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 914.954 $\pm$ 0.266 χ^2 /NDF: 74070.7/14

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

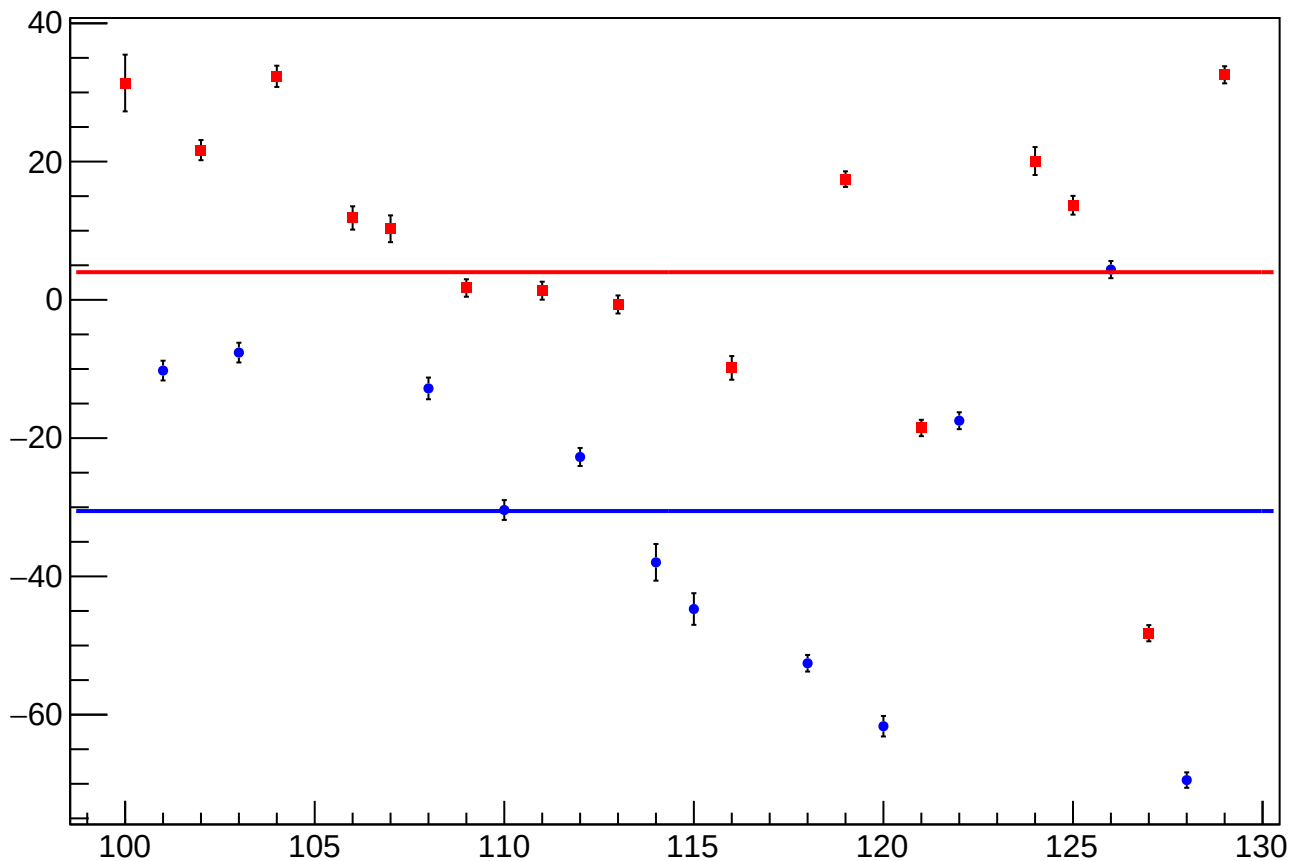
Right: 918.957 $\pm$ 0.197 χ^2 /NDF: 129853.6/26

In: 923.797 $\pm$ 0.293 χ^2 /NDF:55283.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 918.957 $\pm$ 0.197 χ^2 /NDF: 129853.6/26

diff_bpm2i02X_mean vs Slug, Sign Corrected



Right In: -30.547 $\pm$ 0.406 χ^2 /NDF: 3564.2/11

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

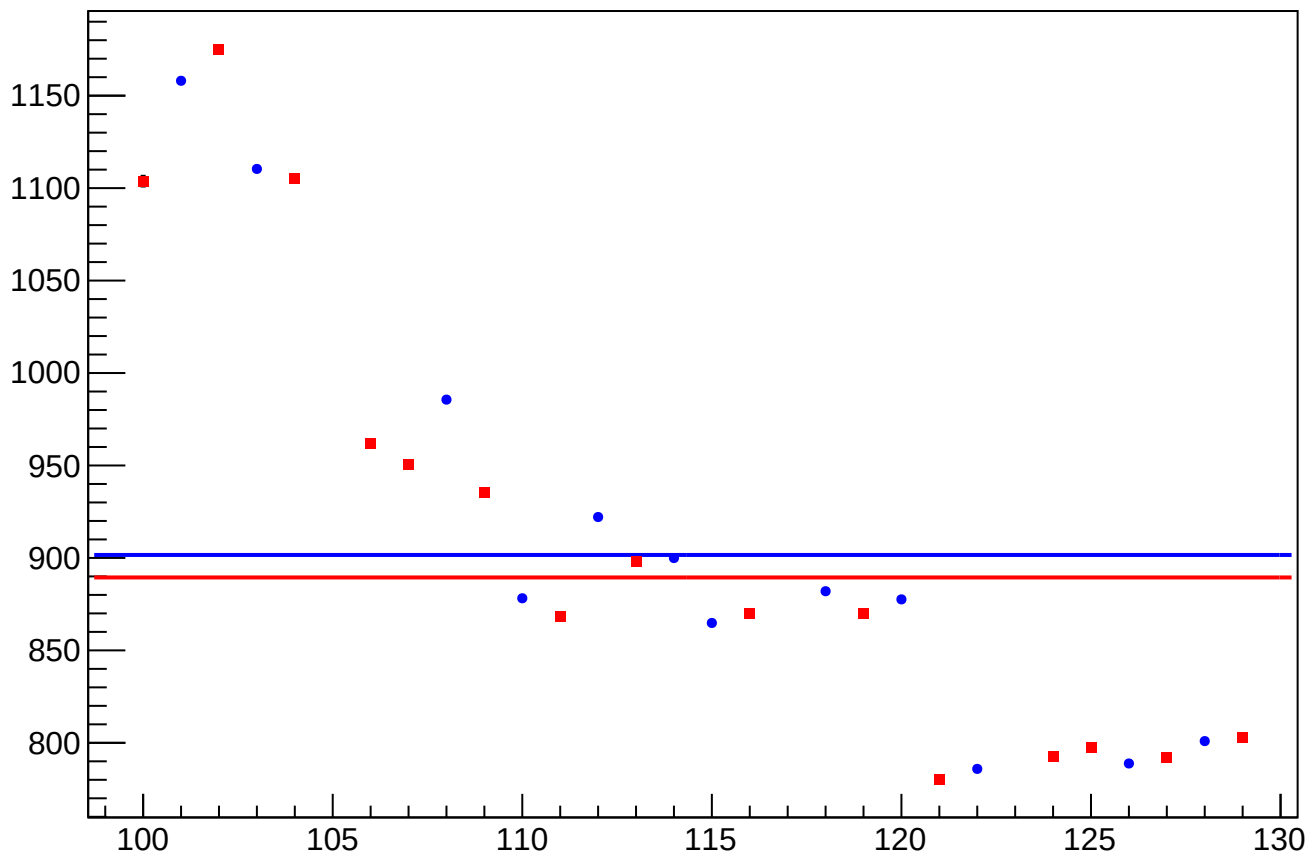
Right: -11.553 $\pm$ 0.273 χ^2 /NDF: 11342.4/26

In: -30.547 $\pm$ 0.406 χ^2 /NDF:3564.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -11.553 $\pm$ 0.273 χ^2 /NDF: 11342.4/26

diff_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 901.607 $\pm$ 0.287 χ^2 /NDF: 166231.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 889.442 $\pm$ 0.260 χ^2 /NDF: 186062.0/14

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

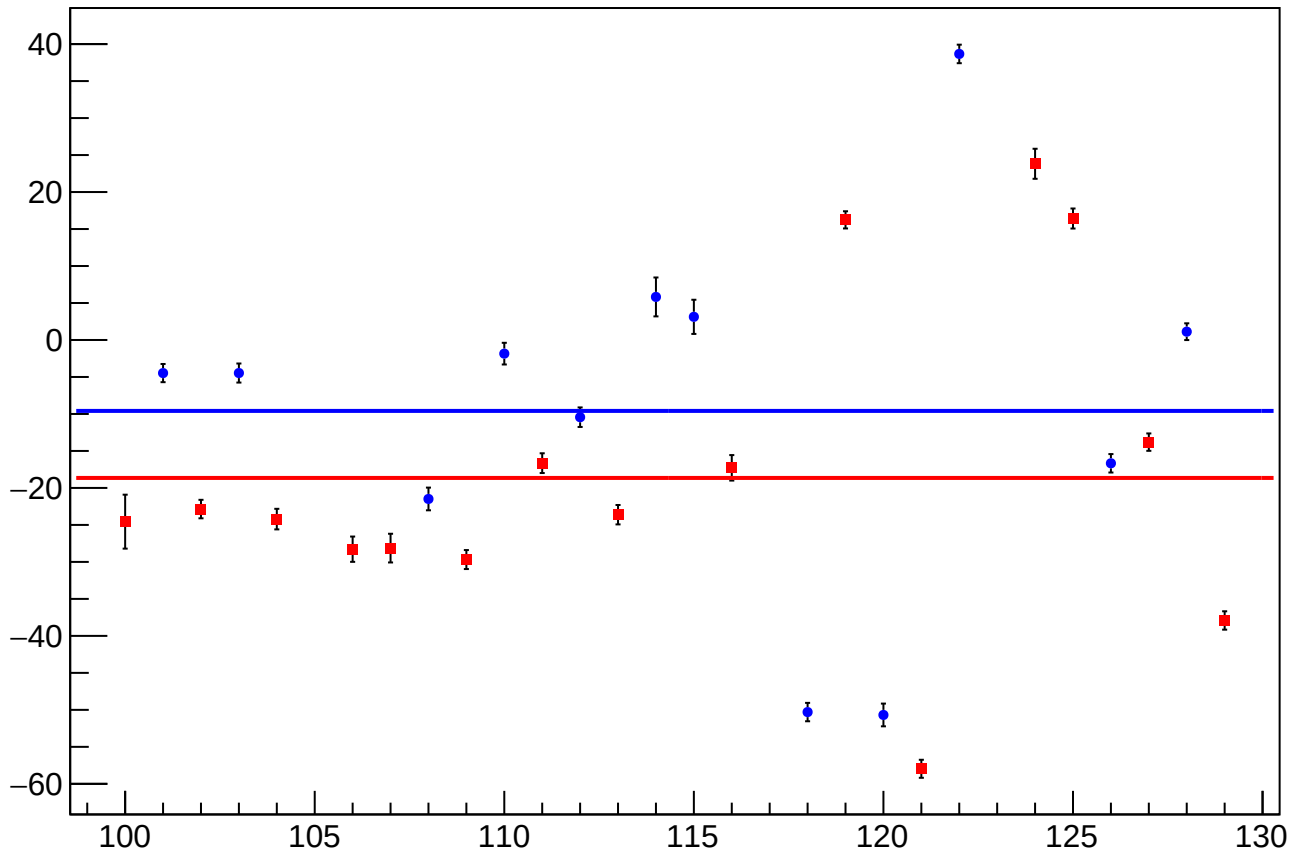
Right: 894.920 $\pm$ 0.193 χ^2 /NDF: 353280.1/26

In: 901.607 $\pm$ 0.287 χ^2 /NDF:166231.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 894.920 $\pm$ 0.193 χ^2 /NDF: 353280.1/26

diff_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -9.588+/-0.402 χ^2/NDF : 3581.0/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

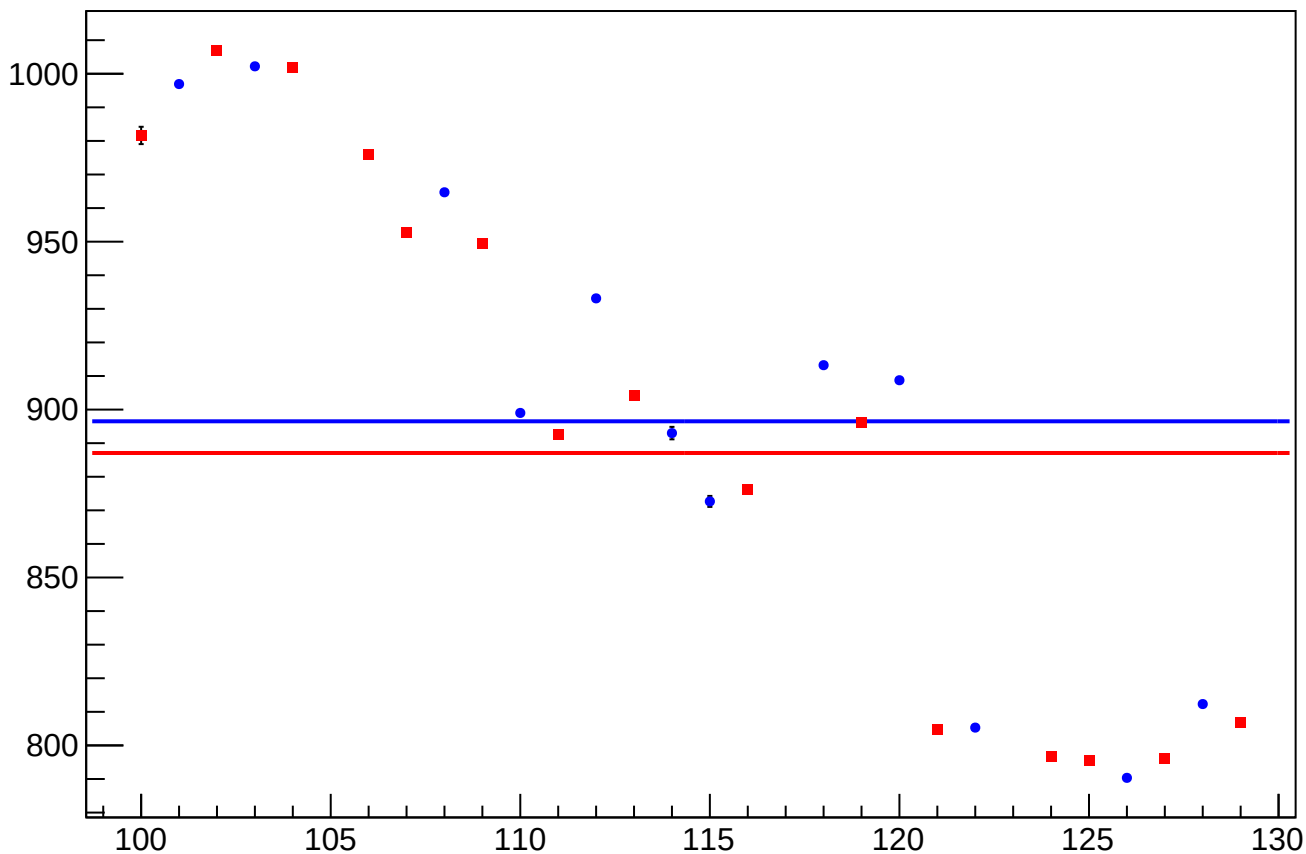
Right: -14.551+/-0.270 χ^2/NDF : 7347.5/26

In: -9.588+/-0.402 χ^2/NDF :3581.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -14.551+/-0.270 χ^2/NDF : 7347.5/26

diff_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 896.513 ± 0.284 χ^2/NDF : 69213.5/11

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

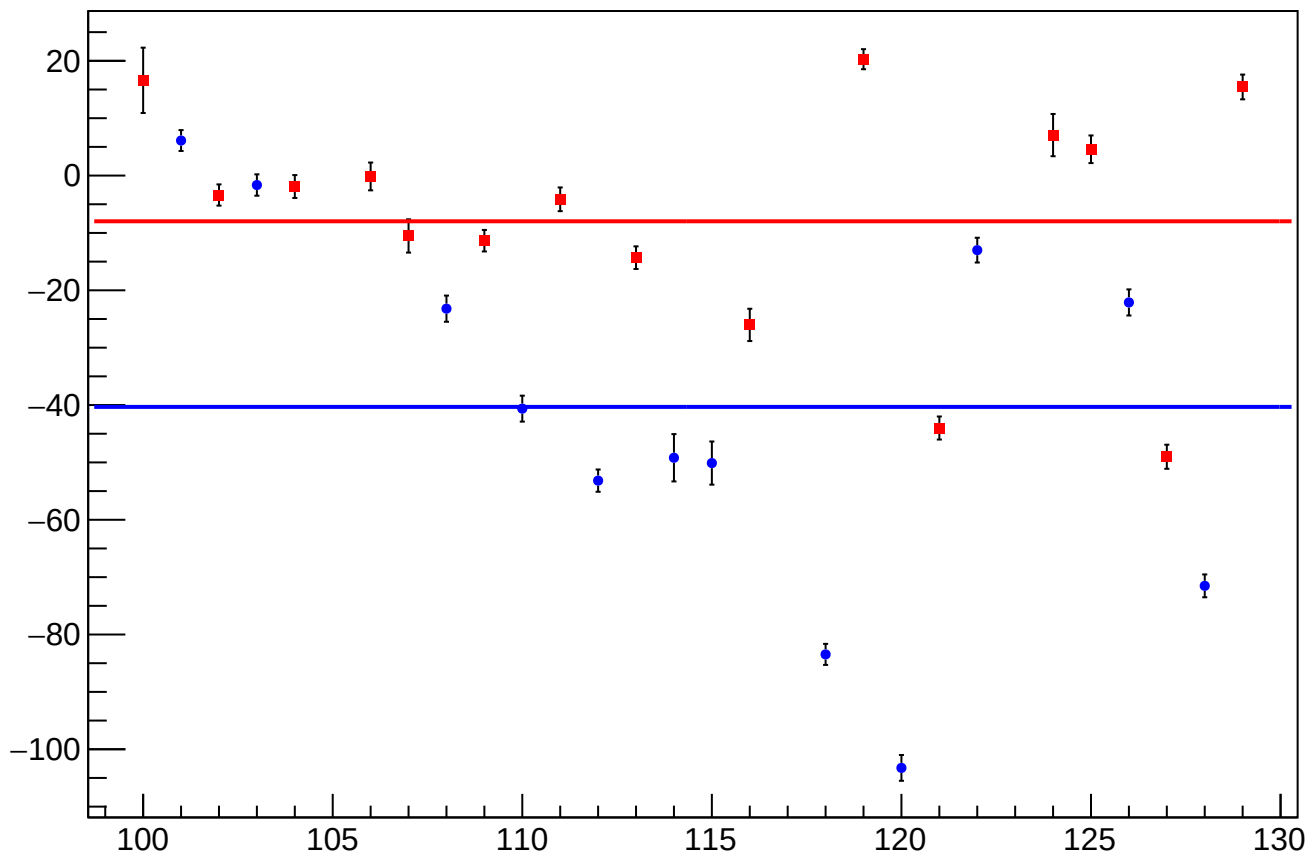
Right: 891.343 ± 0.191 χ^2/NDF : 158764.2/26

In: 896.513 ± 0.284 χ^2/NDF : 69213.5/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 891.343 ± 0.191 χ^2/NDF : 158764.2/26

diff_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -40.322 ± 0.629 χ^2/NDF : 2999.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

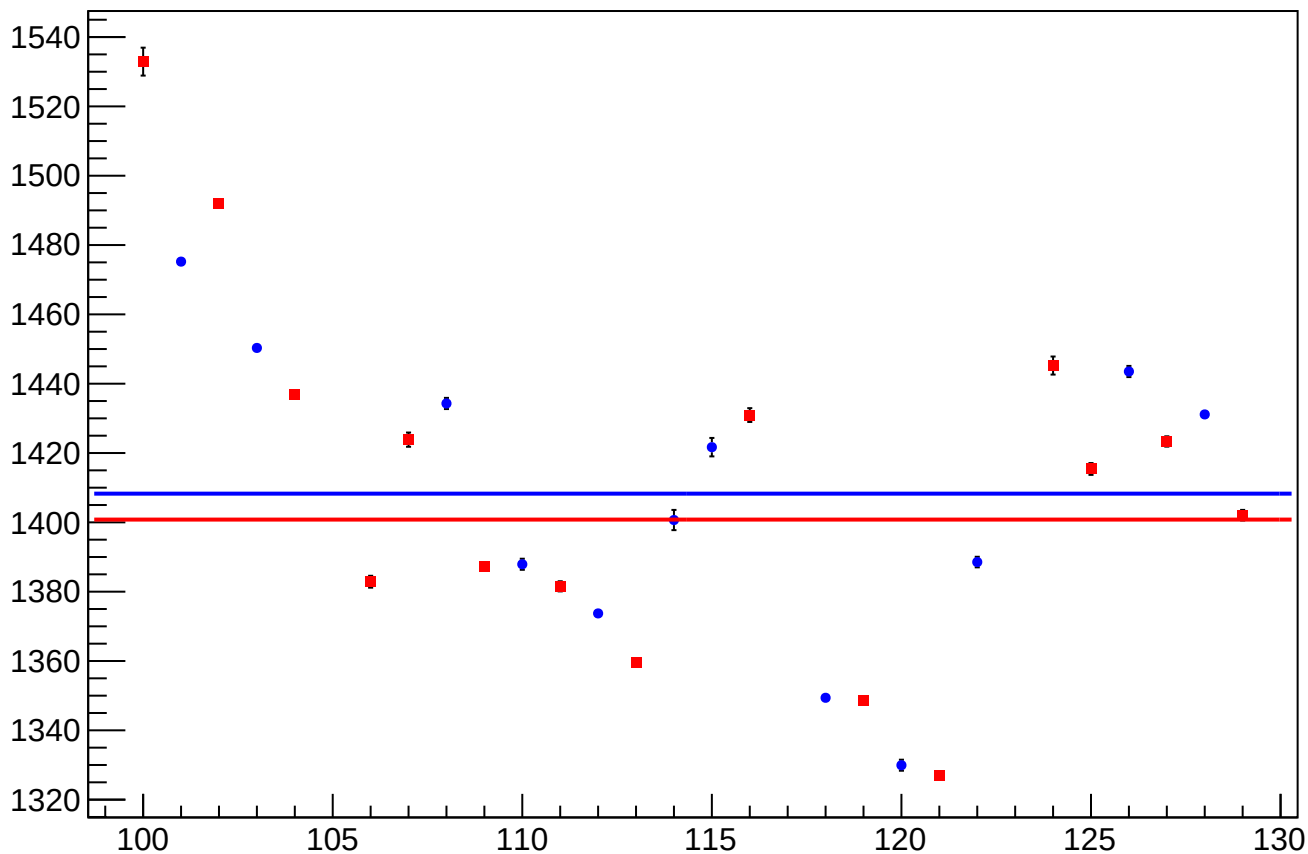
Right: -22.684 ± 0.424 χ^2/NDF : 5671.2/26

In: -40.322 ± 0.629 χ^2/NDF : 2999.2/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -22.684 ± 0.424 χ^2/NDF : 5671.2/26

diff_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 1408.279+/-0.445 χ^2/NDF : 10212.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1400.797+/-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

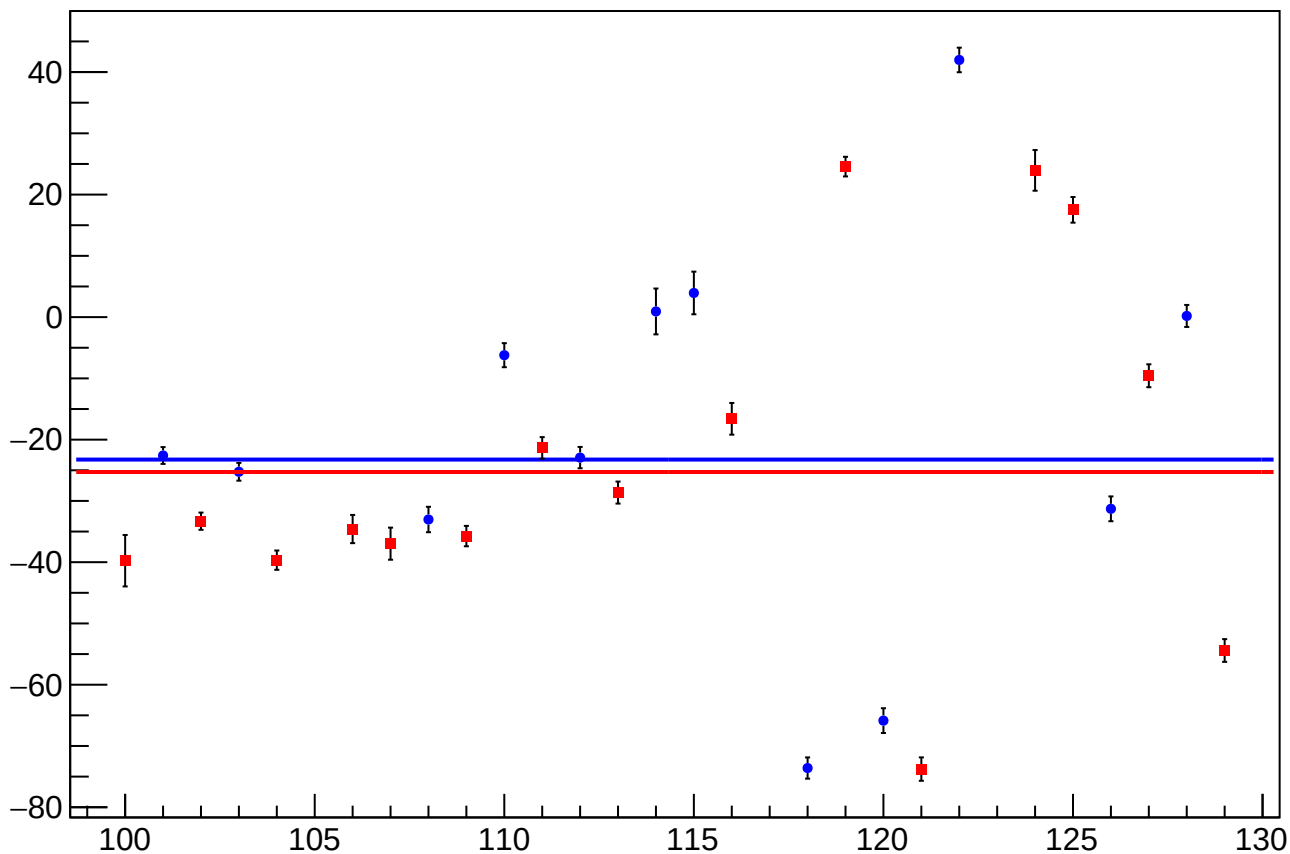
Right: 1404.200+/-0.300 χ^2/NDF : 23657.4/26

In: 1408.279+/-0.445 χ^2/NDF : 10212.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1404.200+/-0.300 χ^2/NDF : 23657.4/26

diff_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -23.252+/-0.545 χ^2/NDF : 2737.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

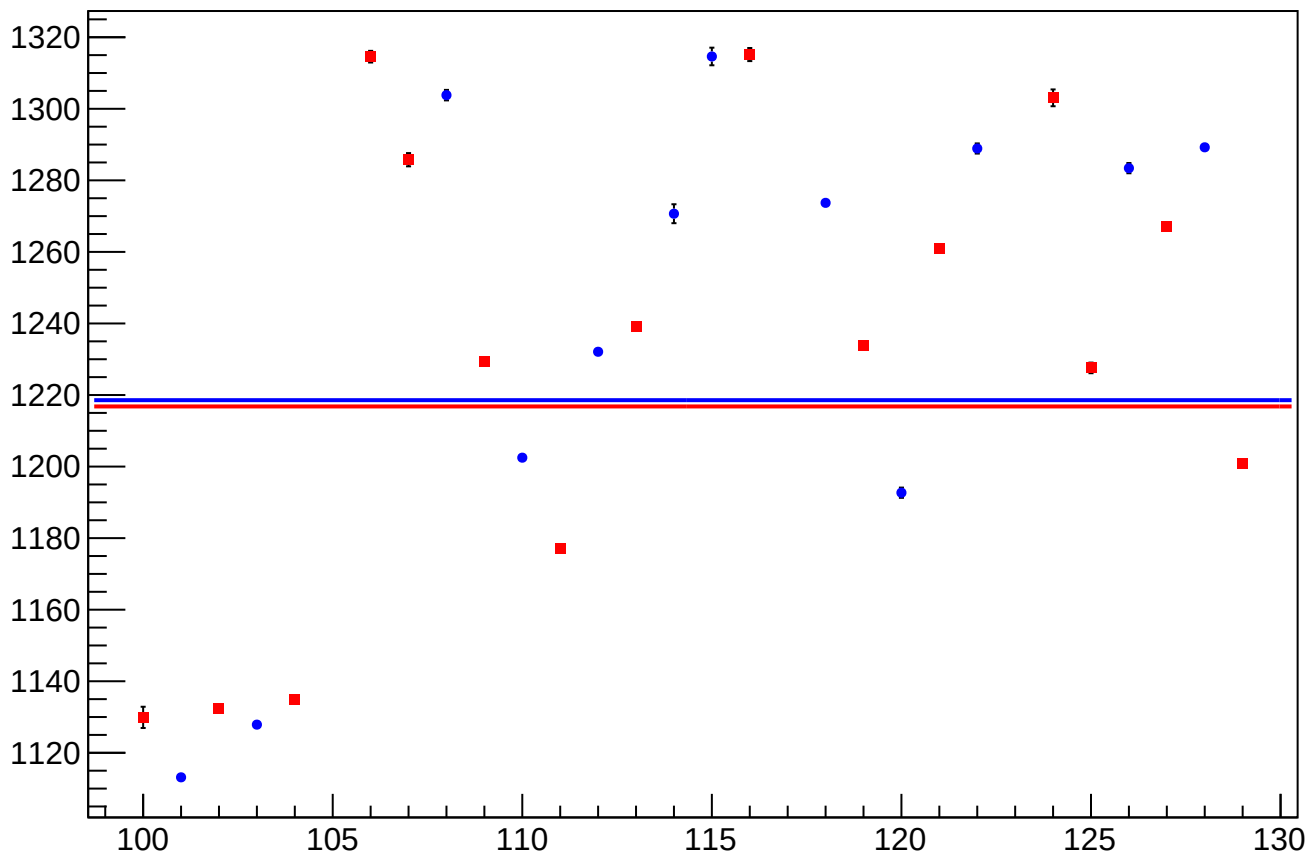
Right: -24.355+/-0.368 χ^2/NDF : 5536.9/26

In: -23.252+/-0.545 χ^2/NDF : 2737.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.355+/-0.368 χ^2/NDF : 5536.9/26

diff_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 1218.560+/-0.386 χ^2/NDF : 35139.0/11

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

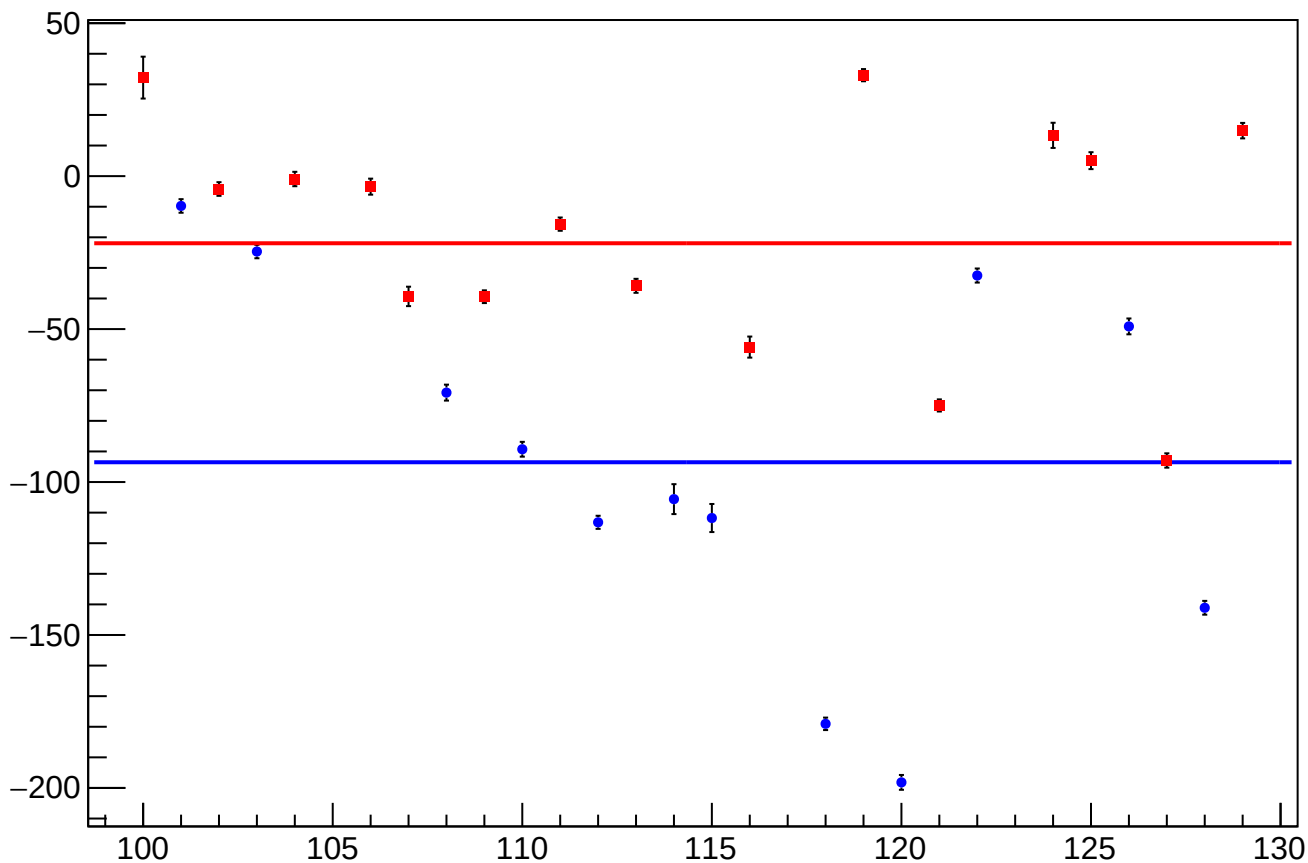
Right: 1217.607+/-0.261 χ^2/NDF : 62283.1/26

In: 1218.560+/-0.386 χ^2/NDF : 35139.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1217.607+/-0.261 χ^2/NDF : 62283.1/26

diff_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: -93.533+/-0.711 χ^2/NDF : 7649.5/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

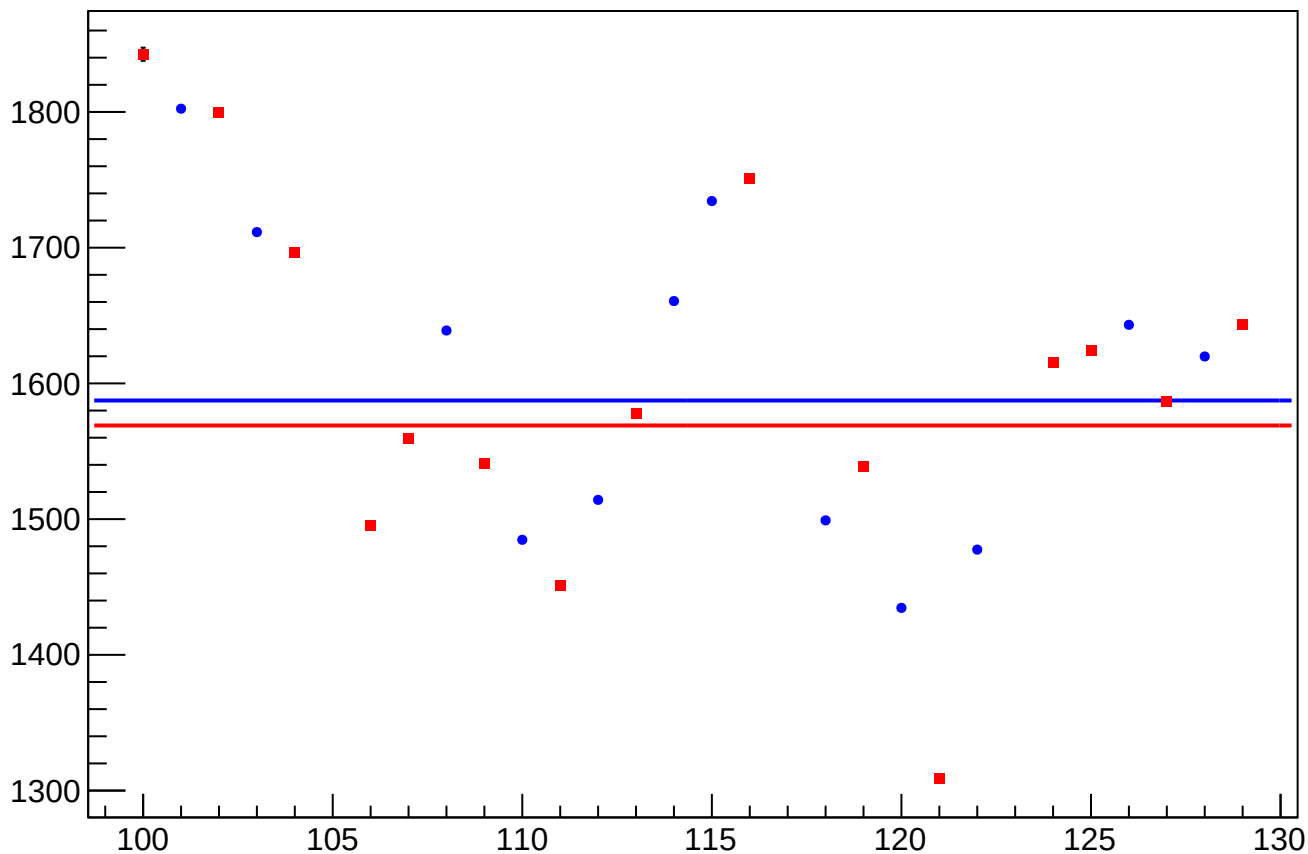
Right: -54.301+/-0.478 χ^2/NDF : 16477.6/26

In: -93.533+/-0.711 χ^2/NDF :7649.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -54.301+/-0.478 χ^2/NDF : 16477.6/26

diff_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 1587.411+/-0.503 χ^2/NDF : 51871.5/11

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

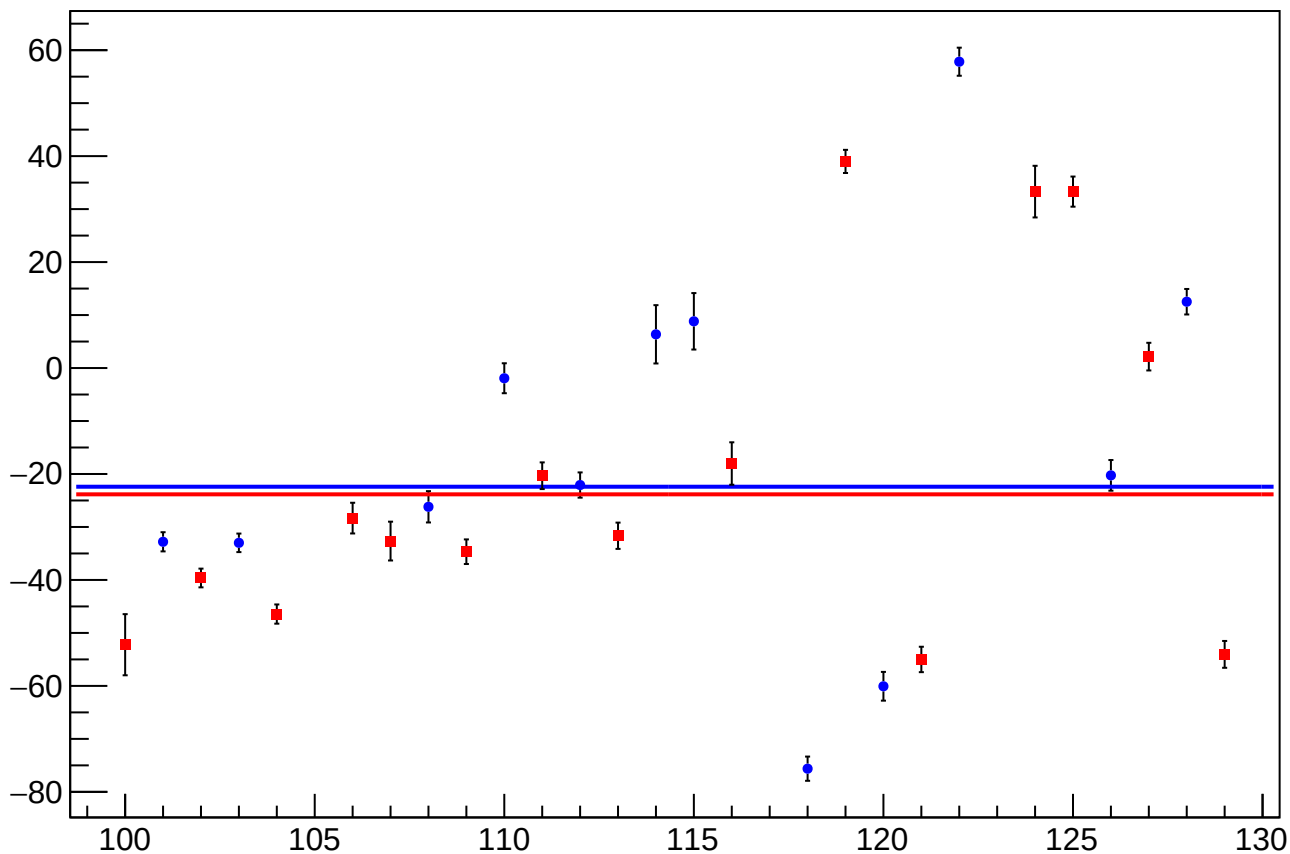
Right: 1577.318+/-0.338 χ^2/NDF : 134381.4/26

In: 1587.411+/-0.503 χ^2/NDF : 51871.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1577.318+/-0.338 χ^2/NDF : 134381.4/26

diff_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -22.402 $\pm$ 0.730 χ^2 /NDF: 2047.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -23.840 $\pm$ 0.664 χ^2 /NDF: 2082.9/14

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

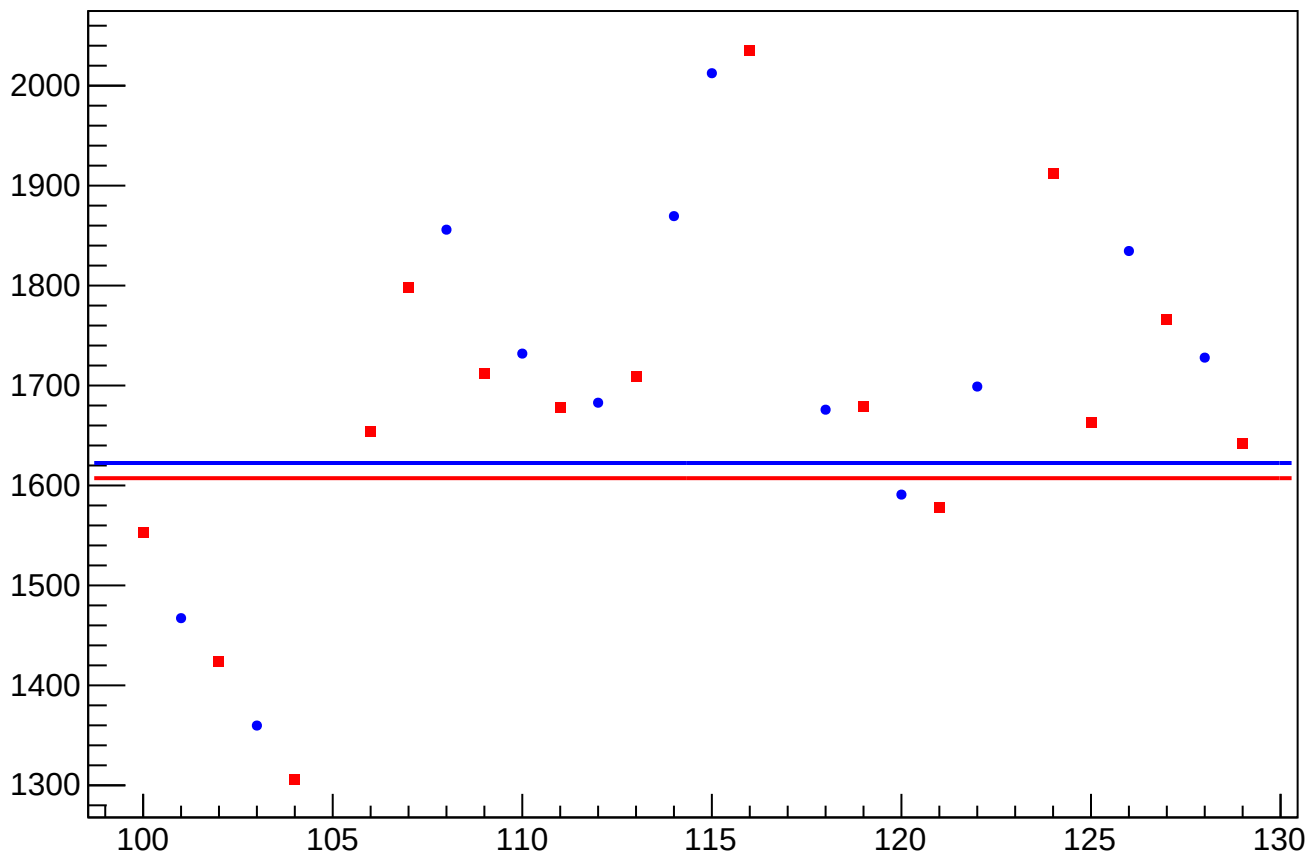
Right: -23.189 $\pm$ 0.491 χ^2 /NDF: 4132.5/26

In: -22.402 $\pm$ 0.730 χ^2 /NDF:2047.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -23.189 $\pm$ 0.491 χ^2 /NDF: 4132.5/26

diff_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 1622.488+/-0.516 χ^2/NDF : 108931.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1607.297+/-0.470 χ^2/NDF : 133554.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

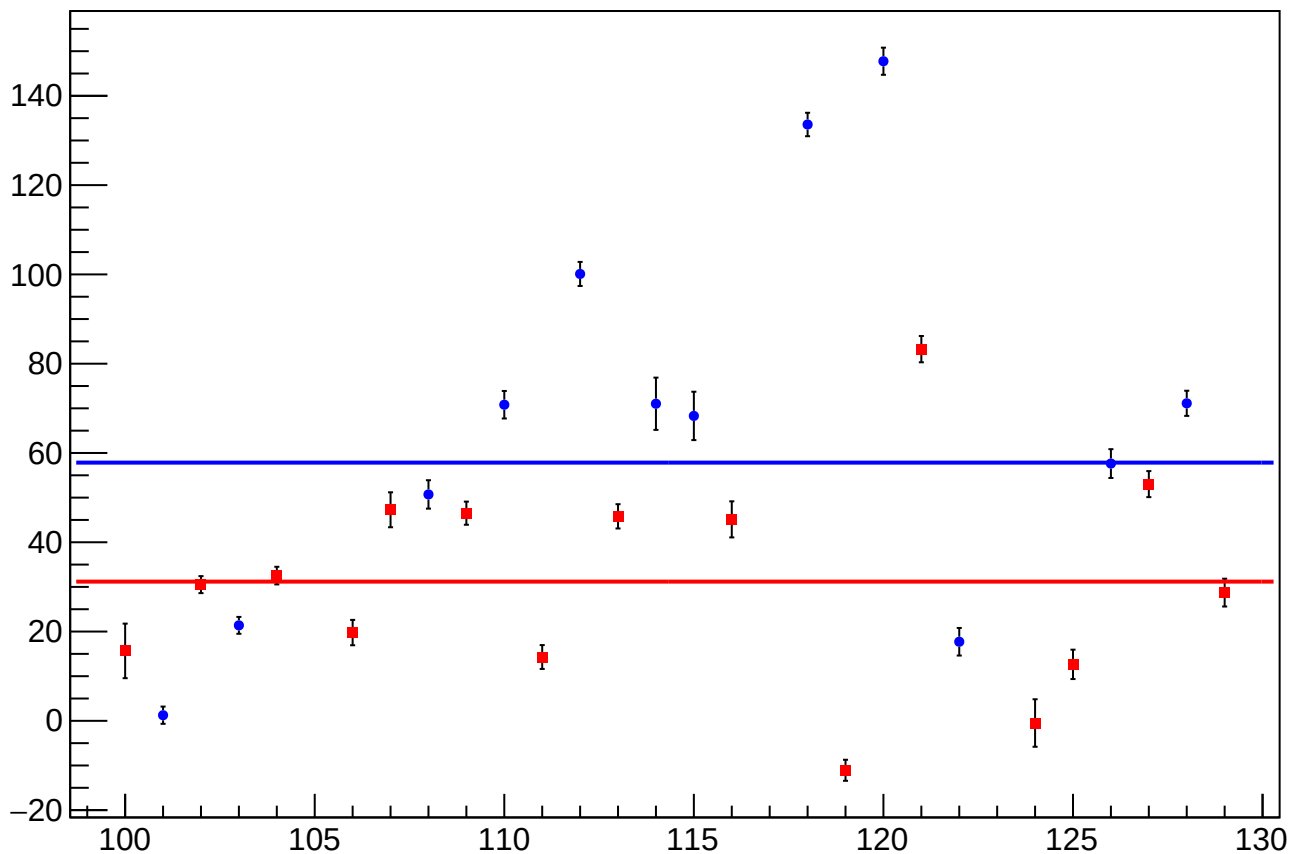
Right: 1614.178+/-0.347 χ^2/NDF : 242959.6/26

In: 1622.488+/-0.516 χ^2/NDF : 108931.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1614.178+/-0.347 χ^2/NDF : 242959.6/26

diff_bpm0i05X_mean vs Slug, Sign Corrected



Right In: 57.842+/-0.808 χ^2/NDF : 3406.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.186+/-0.730 χ^2/NDF : 913.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

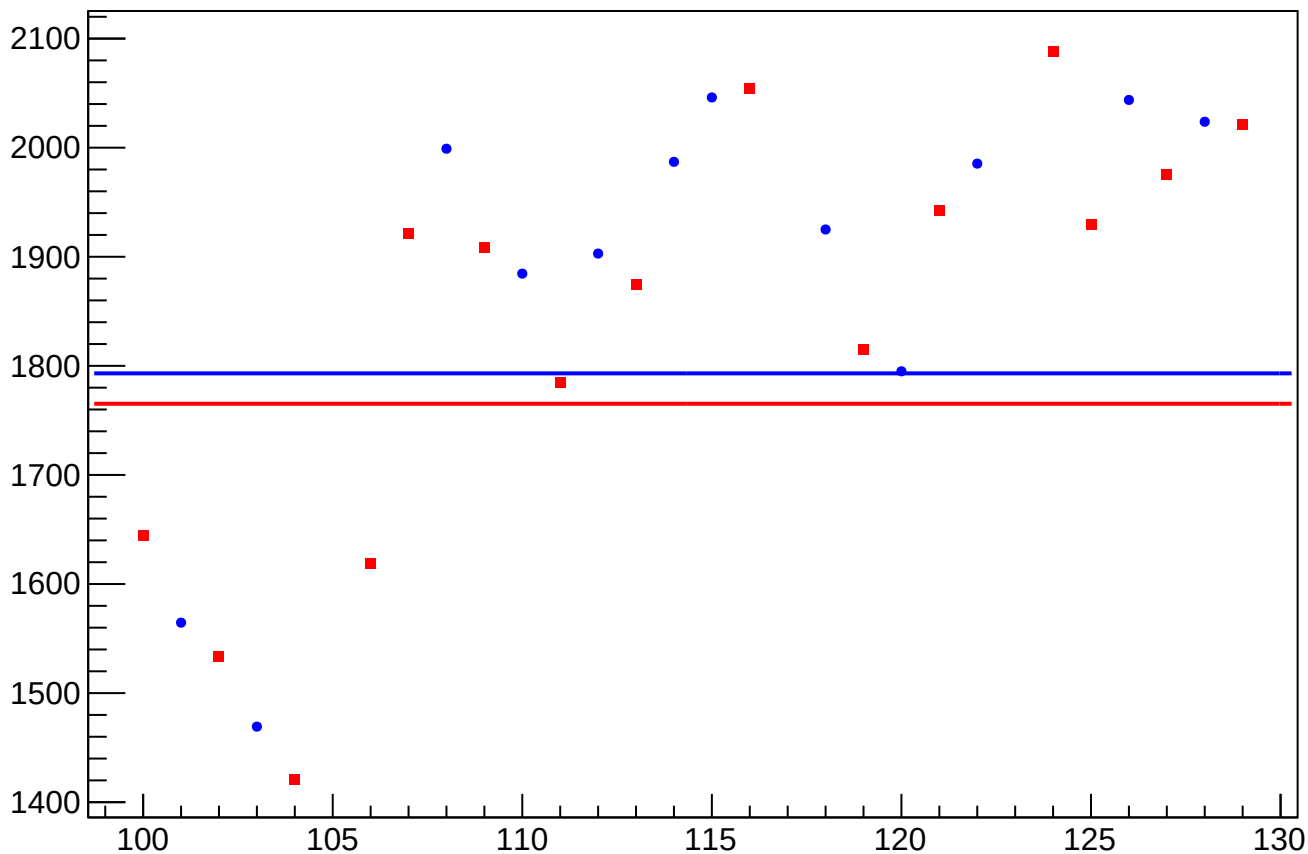
Right: 43.167+/-0.541 χ^2/NDF : 4920.6/26

In: 57.842+/-0.808 χ^2/NDF : 3406.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.167+/-0.541 χ^2/NDF : 4920.6/26

diff_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 1793.105+/-0.571 χ^2/NDF : 145049.7/11

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

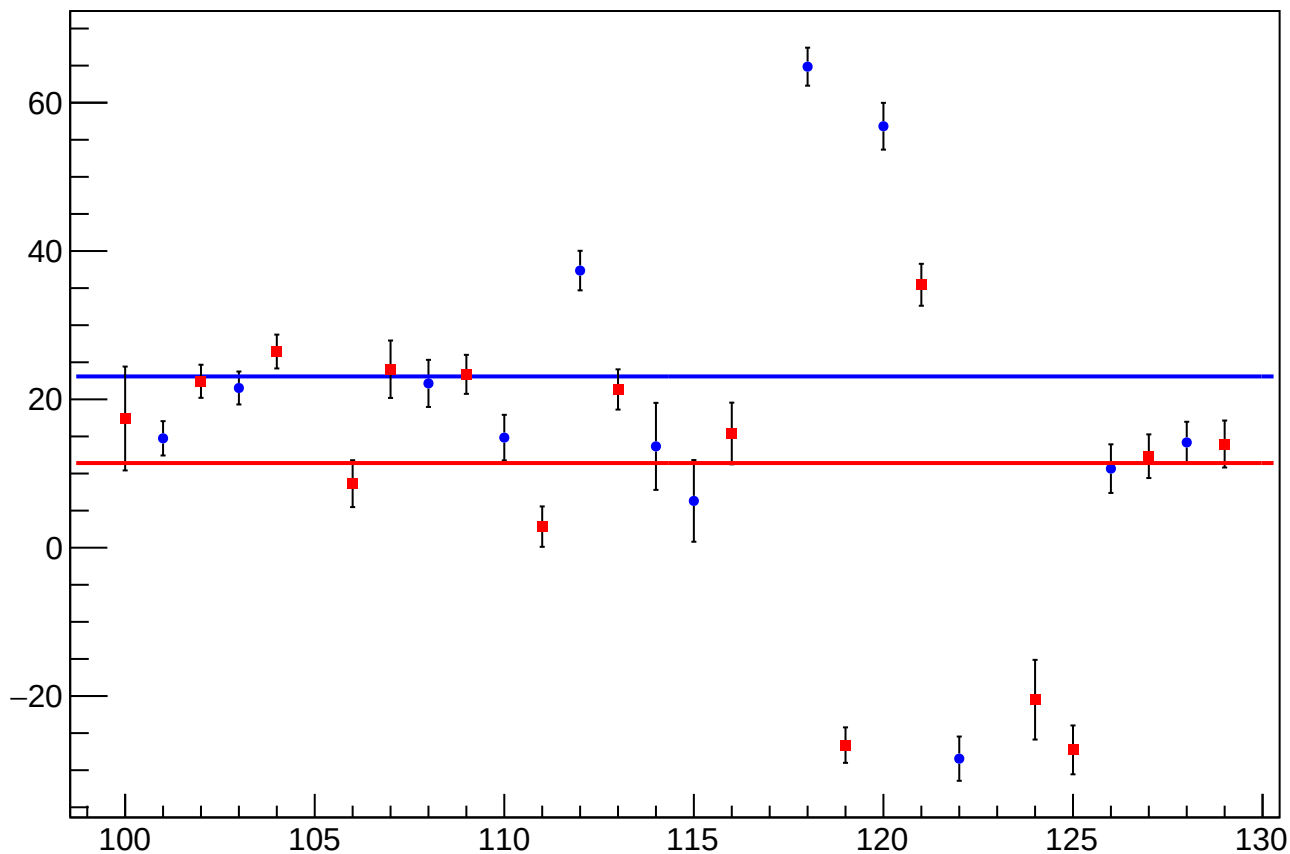
Right: 1777.778+/-0.383 χ^2/NDF : 310273.3/26

In: 1793.105+/-0.571 χ^2/NDF :145049.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1777.778+/-0.383 χ^2/NDF : 310273.3/26

diff_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: 23.091+/-0.850 χ^2/NDF : 764.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.413+/-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

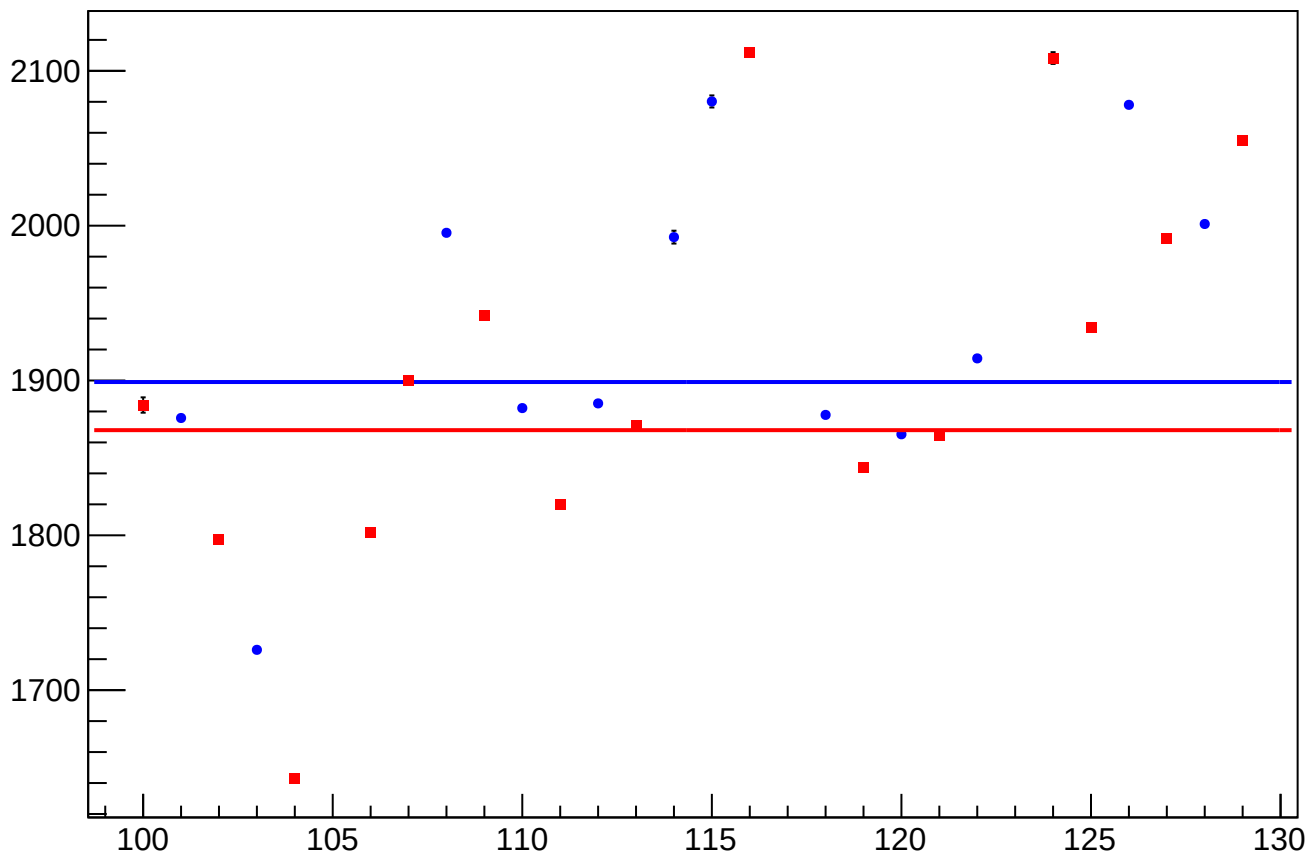
Right: 16.662+/-0.570 χ^2/NDF : 1492.3/26

In: 23.091+/-0.850 χ^2/NDF : 764.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.662+/-0.570 χ^2/NDF : 1492.3/26

diff_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 1899.012+/-0.601 χ^2/NDF : 26039.8/11

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

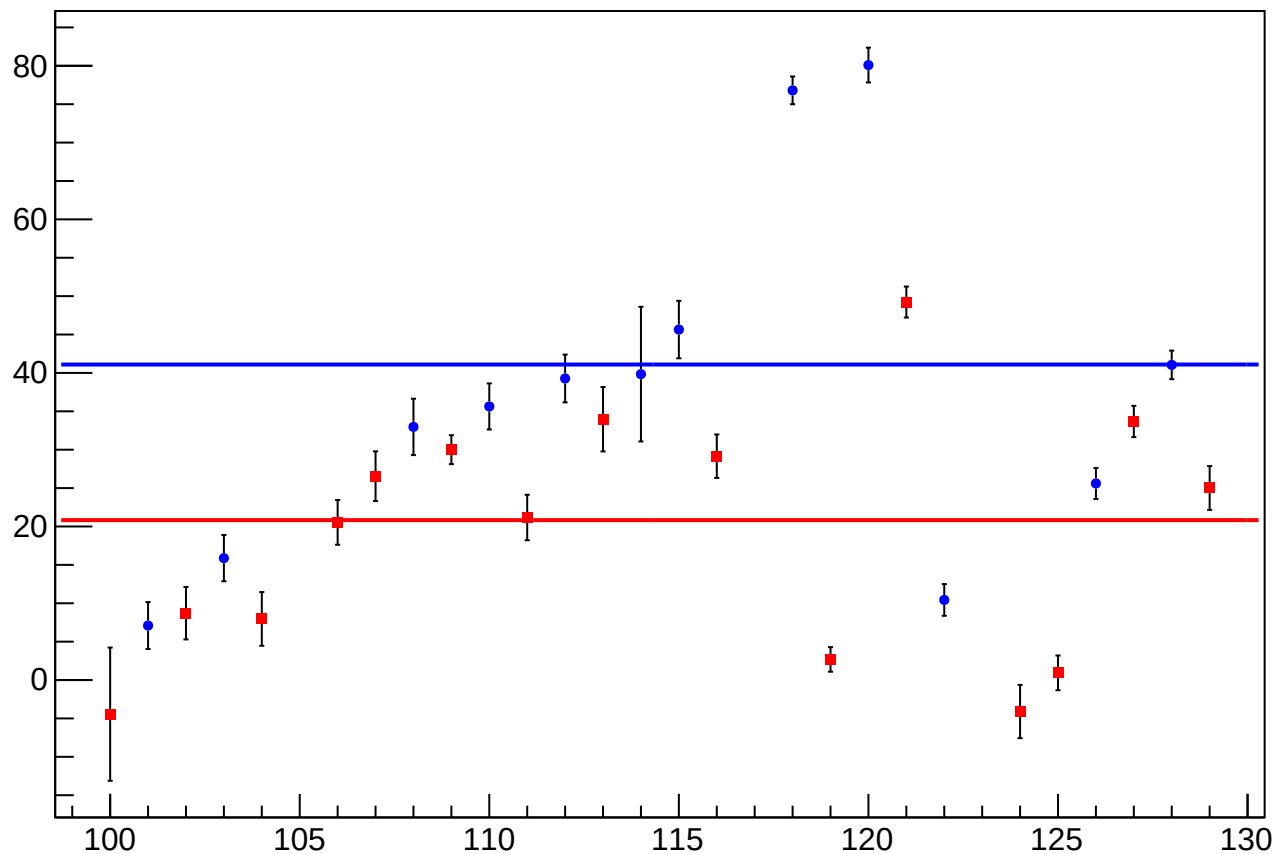
Right: 1881.898+/-0.403 χ^2/NDF : 74669.1/26

In: 1899.012+/-0.601 χ^2/NDF : 26039.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1881.898+/-0.403 χ^2/NDF : 74669.1/26

diff_bpm0i07X_mean vs Slug, Sign Corrected



Right In: 41.094+/-0.733 χ^2/NDF : 1169.8/11

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

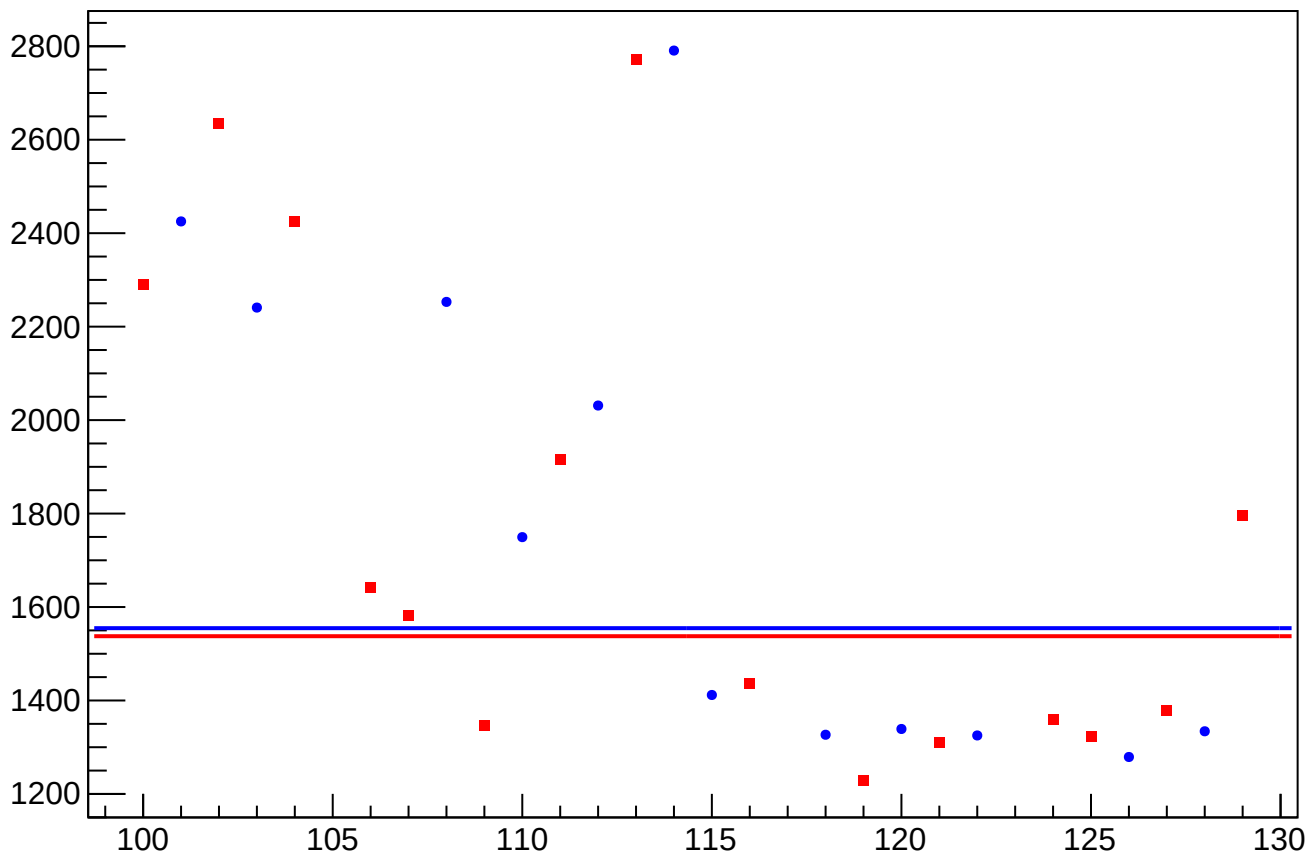
Right: 29.999+/-0.493 χ^2/NDF : 2166.4/26

In: 41.094+/-0.733 χ^2/NDF : 1169.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.999+/-0.493 χ^2/NDF : 2166.4/26

diff_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 1554.772+/-0.518 χ^2/NDF : 576397.1/11

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

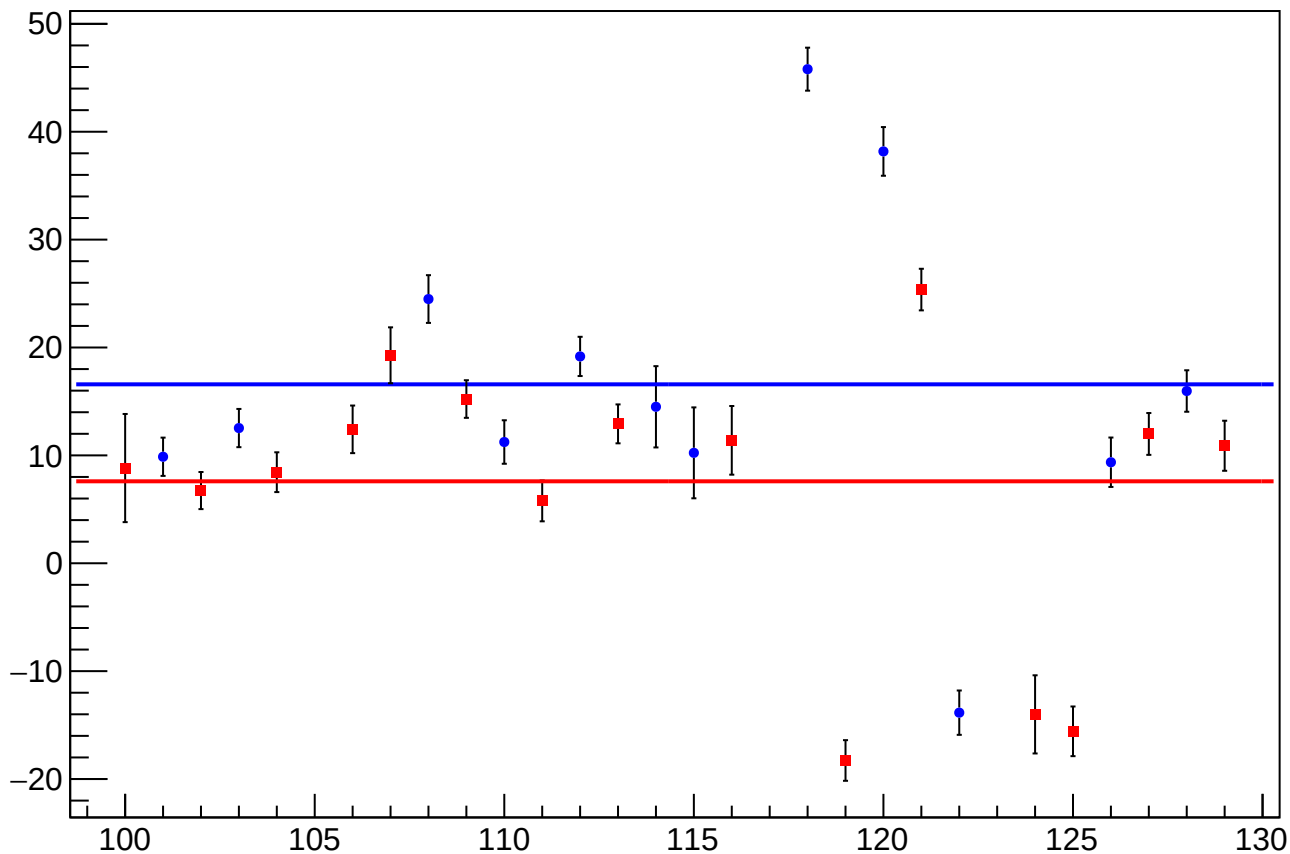
Right: 1545.356+/-0.349 χ^2/NDF : 1311237.7/26

In: 1554.772+/-0.518 χ^2/NDF : 576397.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1545.356+/-0.349 χ^2/NDF : 1311237.7/26

diff_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 16.586+/-0.613 χ^2/NDF : 579.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.597+/-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

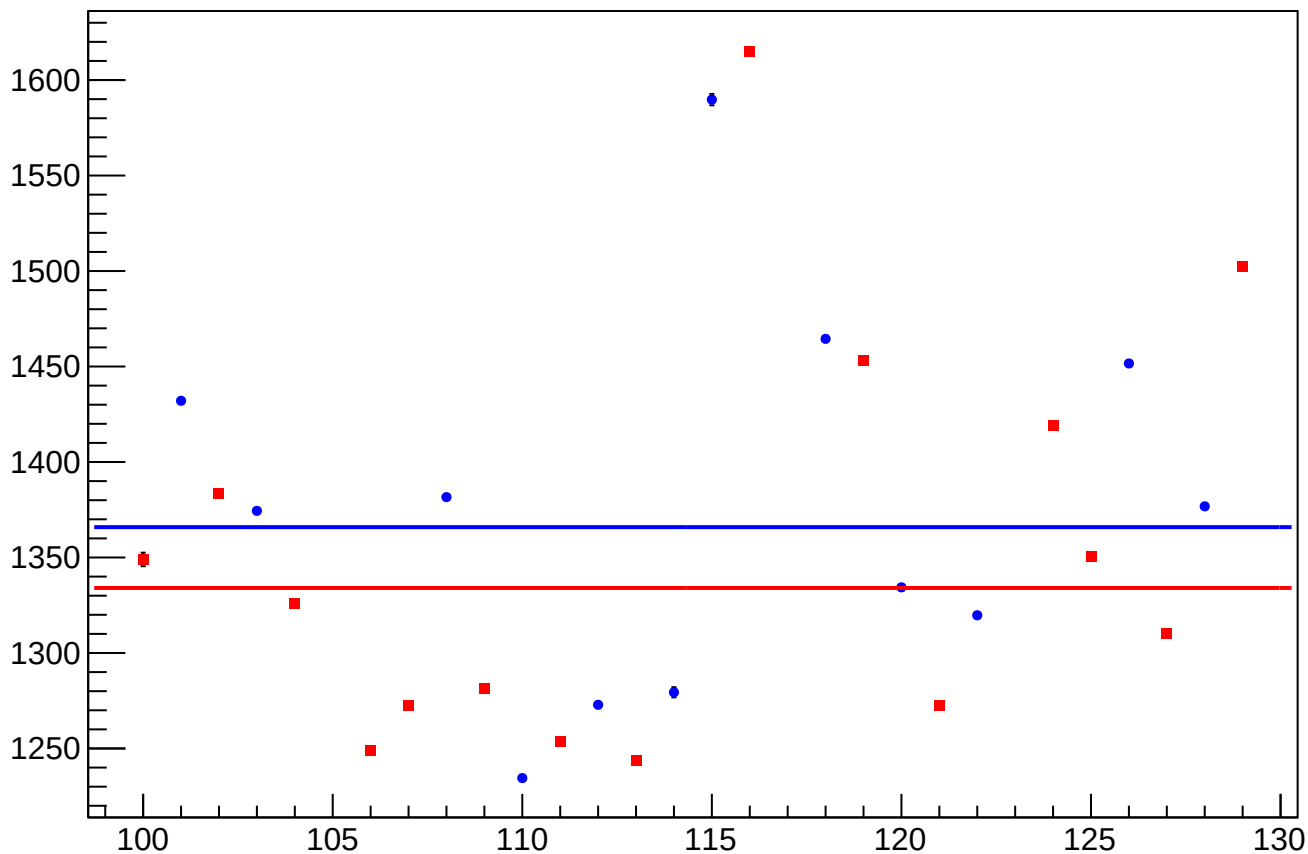
Right: 11.605+/-0.409 χ^2/NDF : 1172.7/26

In: 16.586+/-0.613 χ^2/NDF : 579.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.605+/-0.409 χ^2/NDF : 1172.7/26

diff_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 1365.890+/-0.433 χ^2/NDF : 32524.8/11

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

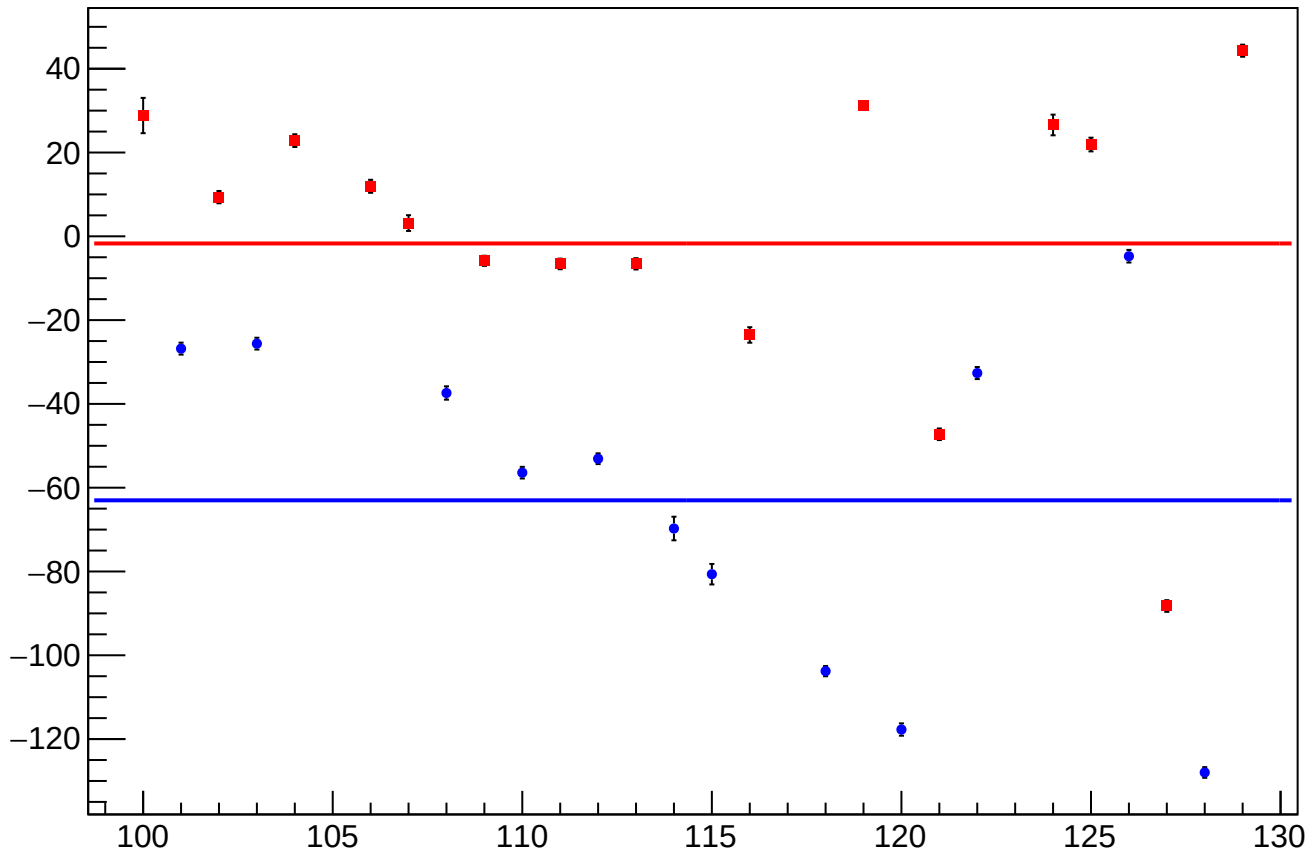
Right: 1348.249+/-0.289 χ^2/NDF : 89460.6/26

In: 1365.890+/-0.433 χ^2/NDF : 32524.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1348.249+/-0.289 χ^2/NDF : 89460.6/26

diff_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -63.018 $\pm$ 0.427 χ^2 /NDF: 8777.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -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

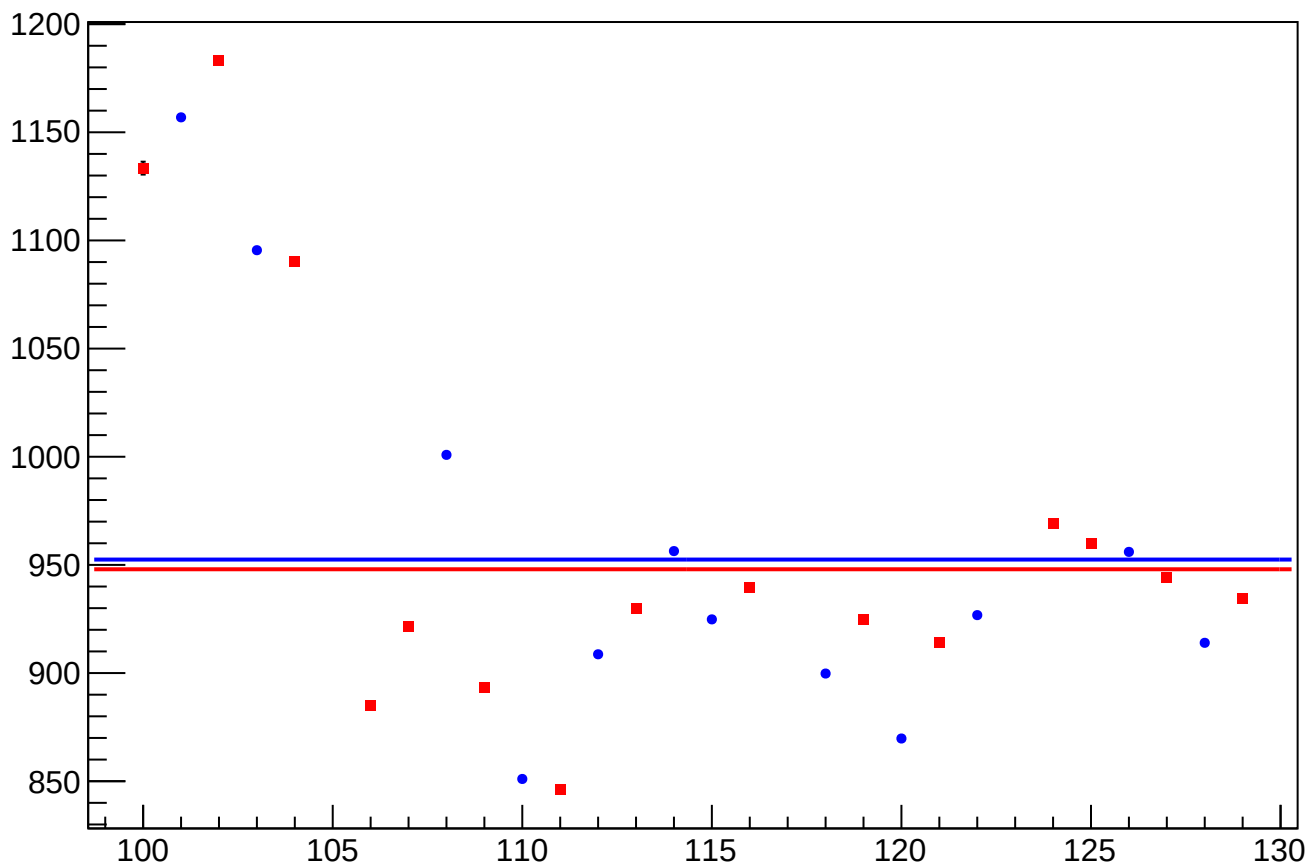
Right: -29.588 $\pm$ 0.288 χ^2 /NDF: 27686.6/26

In: -63.018 $\pm$ 0.427 χ^2 /NDF:8777.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -29.588 $\pm$ 0.288 χ^2 /NDF: 27686.6/26

diff_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 952.470+/-0.302 χ^2/NDF : 89197.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 947.980+/-0.276 χ^2/NDF : 96282.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

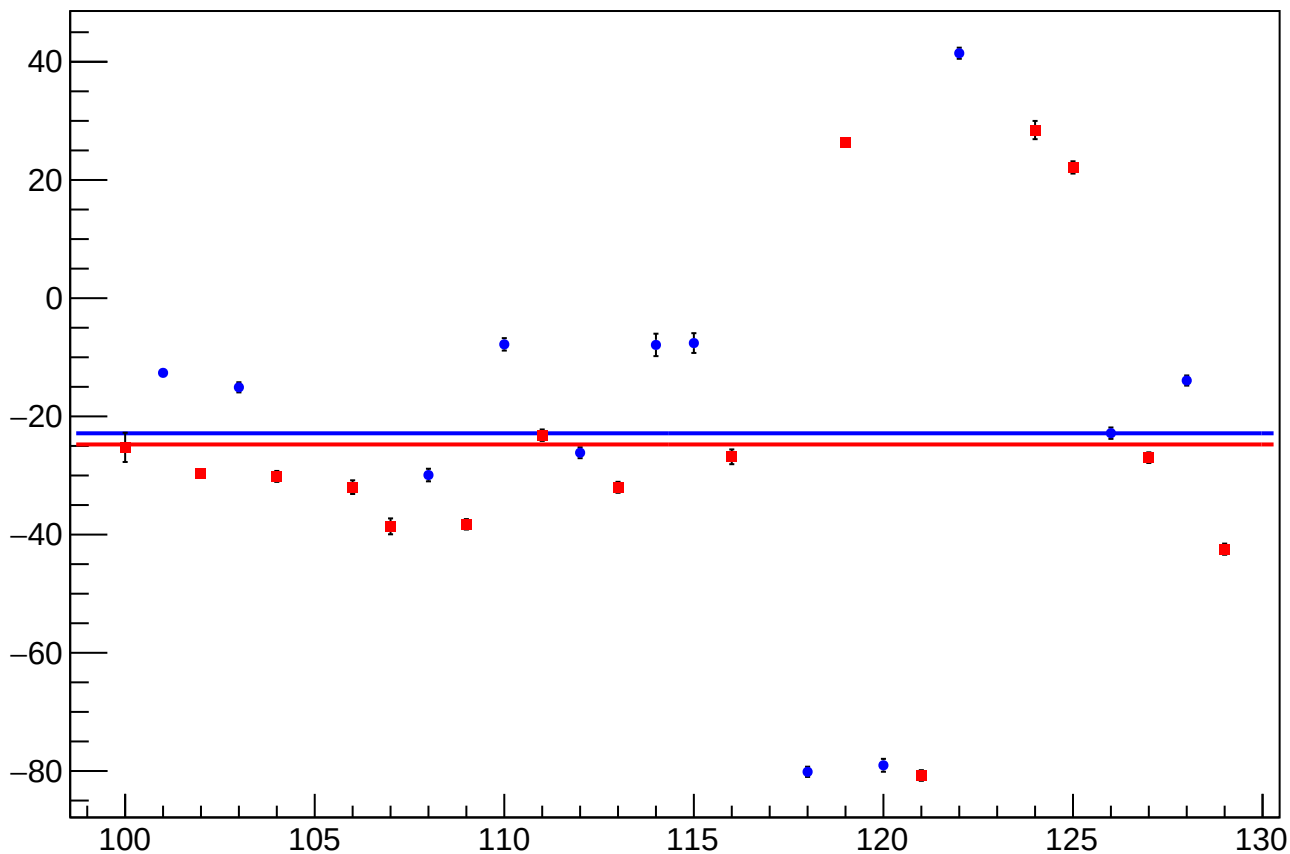
Right: 950.022+/-0.204 χ^2/NDF : 185599.9/26

In: 952.470+/-0.302 χ^2/NDF : 89197.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 950.022+/-0.204 χ^2/NDF : 185599.9/26

diff_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: -22.862 ± 0.287 $\chi^2/\text{NDF}: 12460.1/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -24.748 ± 0.261 $\chi^2/\text{NDF}: 11940.4/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

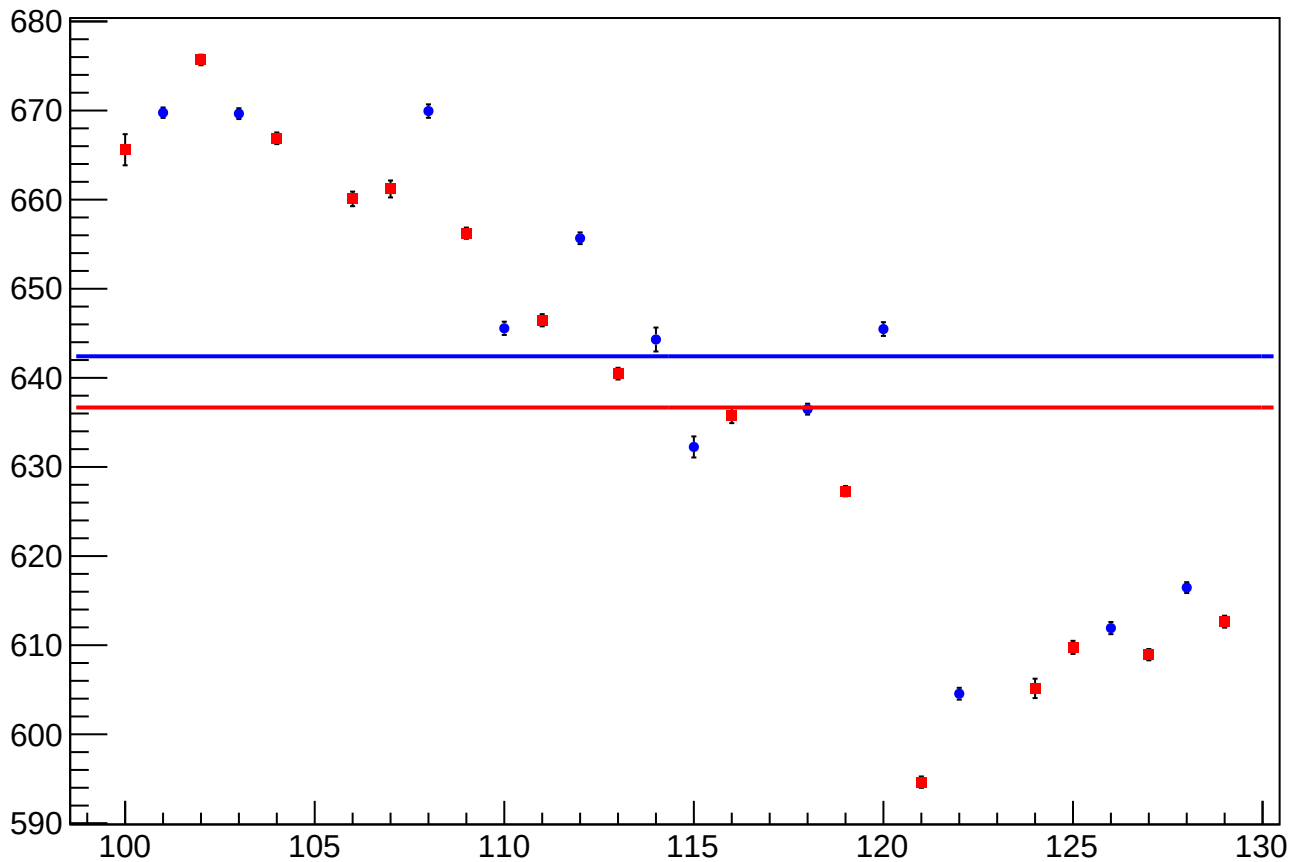
Right: -23.894 ± 0.193 $\chi^2/\text{NDF}: 24424.1/26$

In: -22.862 ± 0.287 $\chi^2/\text{NDF}: 12460.1/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -23.894 ± 0.193 $\chi^2/\text{NDF}: 24424.1/26$

diff_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 642.421+/-0.203 χ^2/NDF : 13214.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

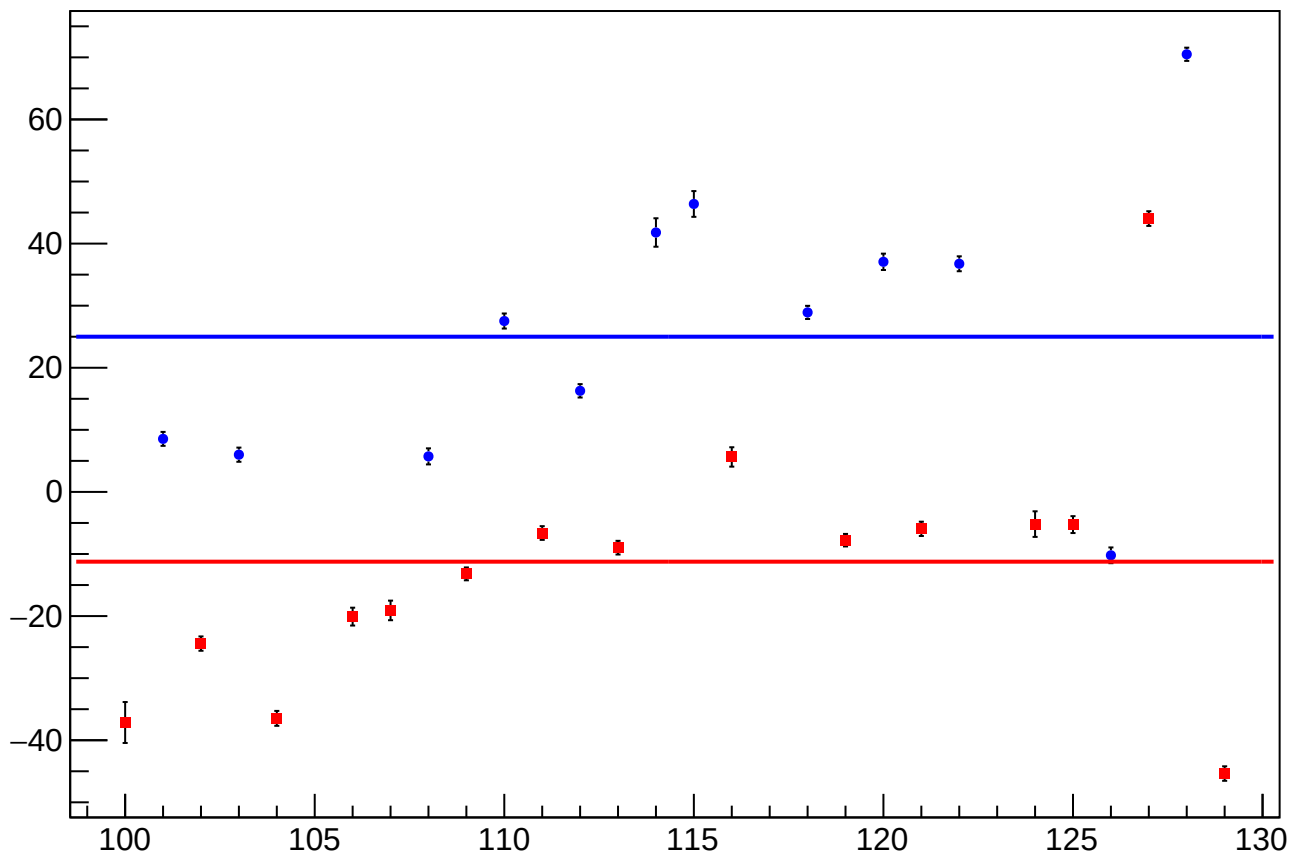
Right: 639.277+/-0.137 χ^2/NDF : 33103.3/26

In: 642.421+/-0.203 χ^2/NDF : 13214.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 639.277+/-0.137 χ^2/NDF : 33103.3/26

diff_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 25.003+/-0.359 χ^2 /NDF: 3729.4/11

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

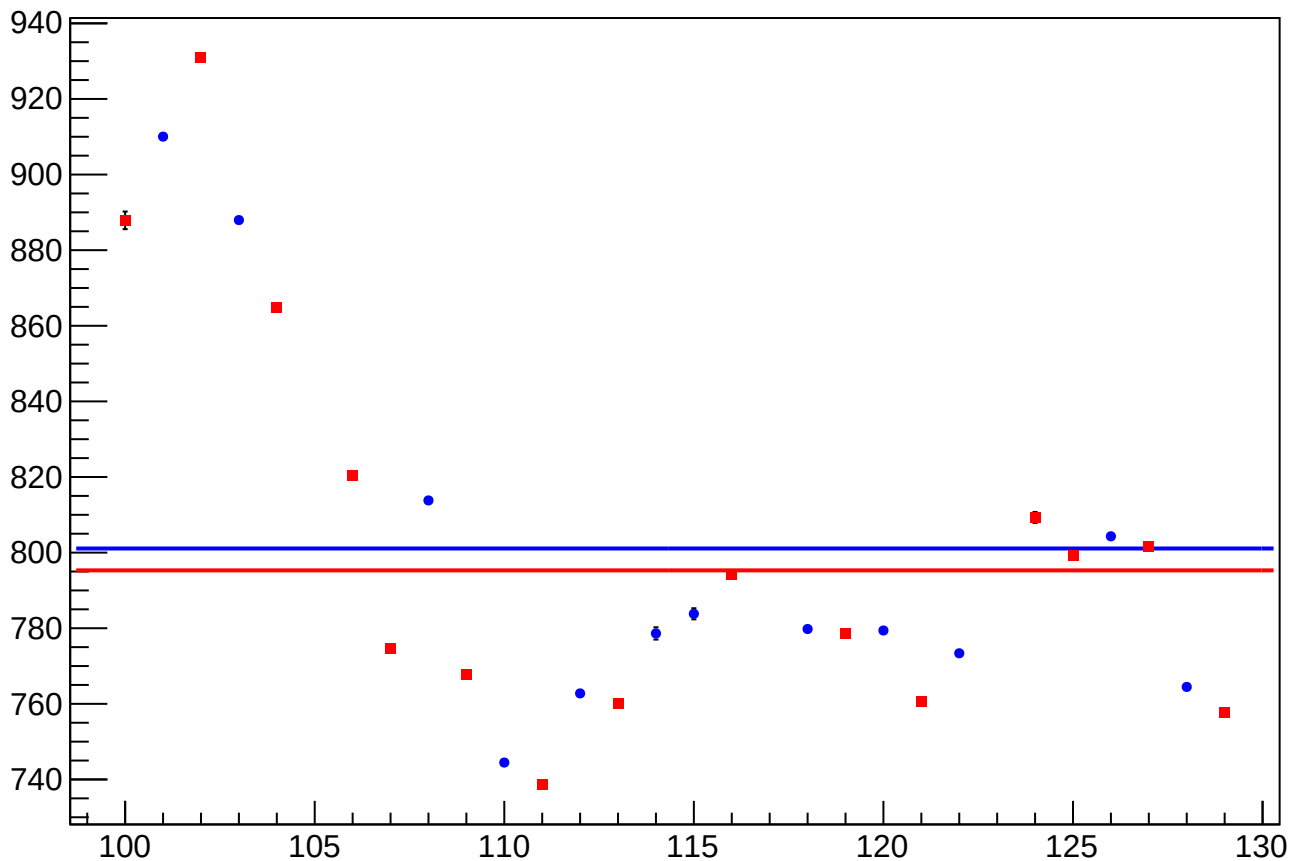
Right: 5.206+/-0.242 χ^2 /NDF: 13245.5/26

In: 25.003+/-0.359 χ^2 /NDF:3729.4/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 5.206+/-0.242 χ^2 /NDF: 13245.5/26

diff_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 801.092 $\pm$ 0.254 χ^2 /NDF: 42584.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 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

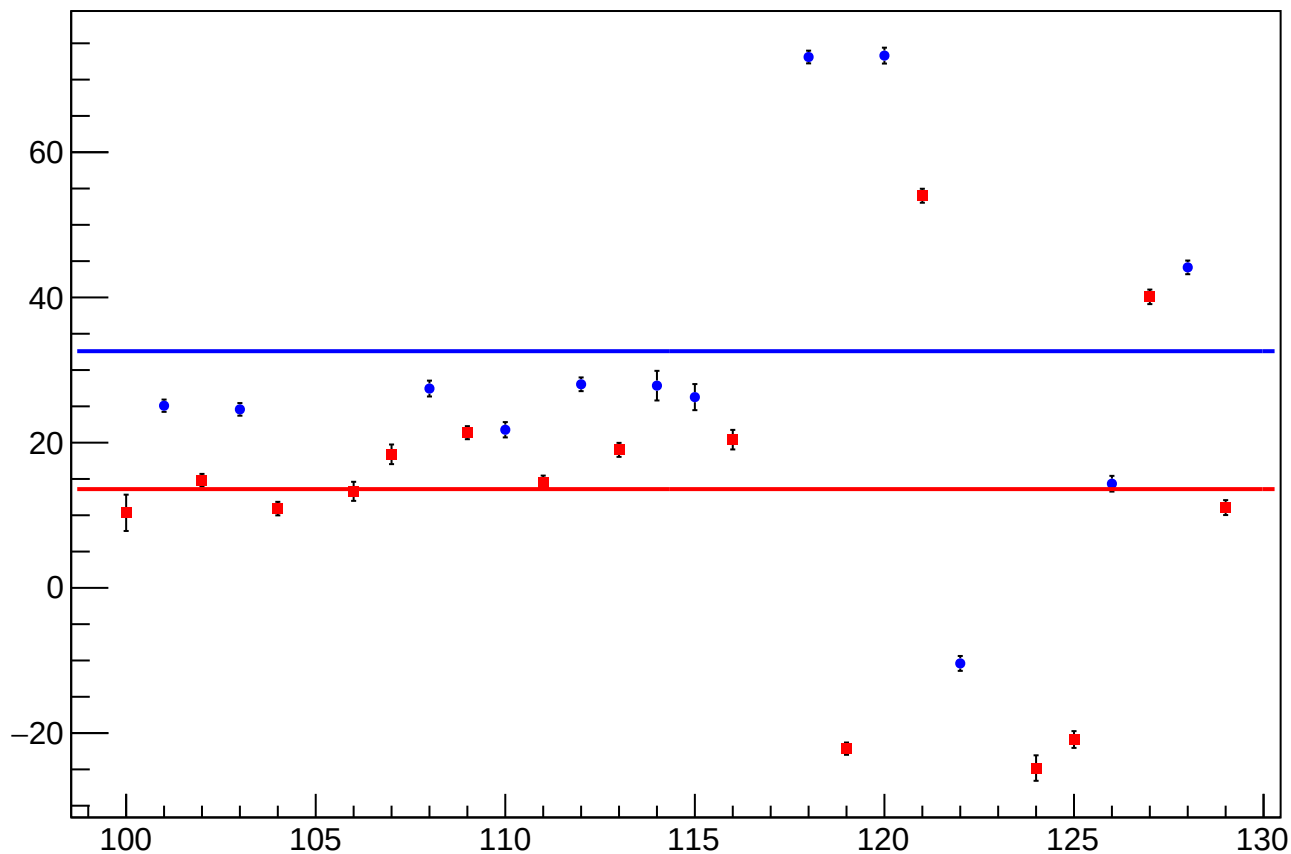
Right: 797.931 $\pm$ 0.171 χ^2 /NDF: 92976.5/26

In: 801.092 $\pm$ 0.254 χ^2 /NDF:42584.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 797.931 $\pm$ 0.171 χ^2 /NDF: 92976.5/26

diff_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 32.598 $\pm$ 0.299 χ^2 /NDF: 6047.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 13.602 $\pm$ 0.275 χ^2 /NDF: 5775.5/14

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

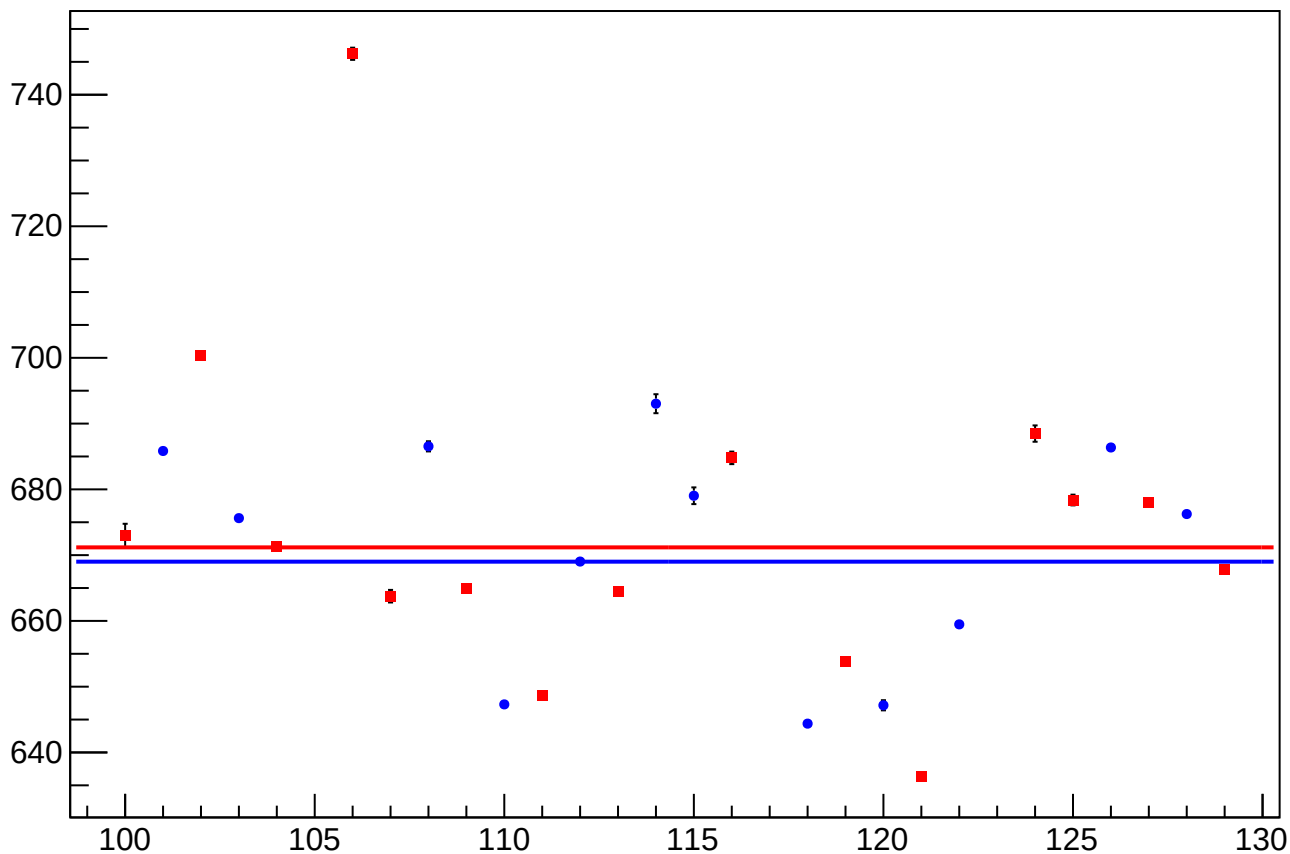
Right: 22.325 $\pm$ 0.203 χ^2 /NDF: 14007.6/26

In: 32.598 $\pm$ 0.299 χ^2 /NDF:6047.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 22.325 $\pm$ 0.203 χ^2 /NDF: 14007.6/26

diff_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 669.006+/-0.211 χ^2/NDF : 5790.1/11

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

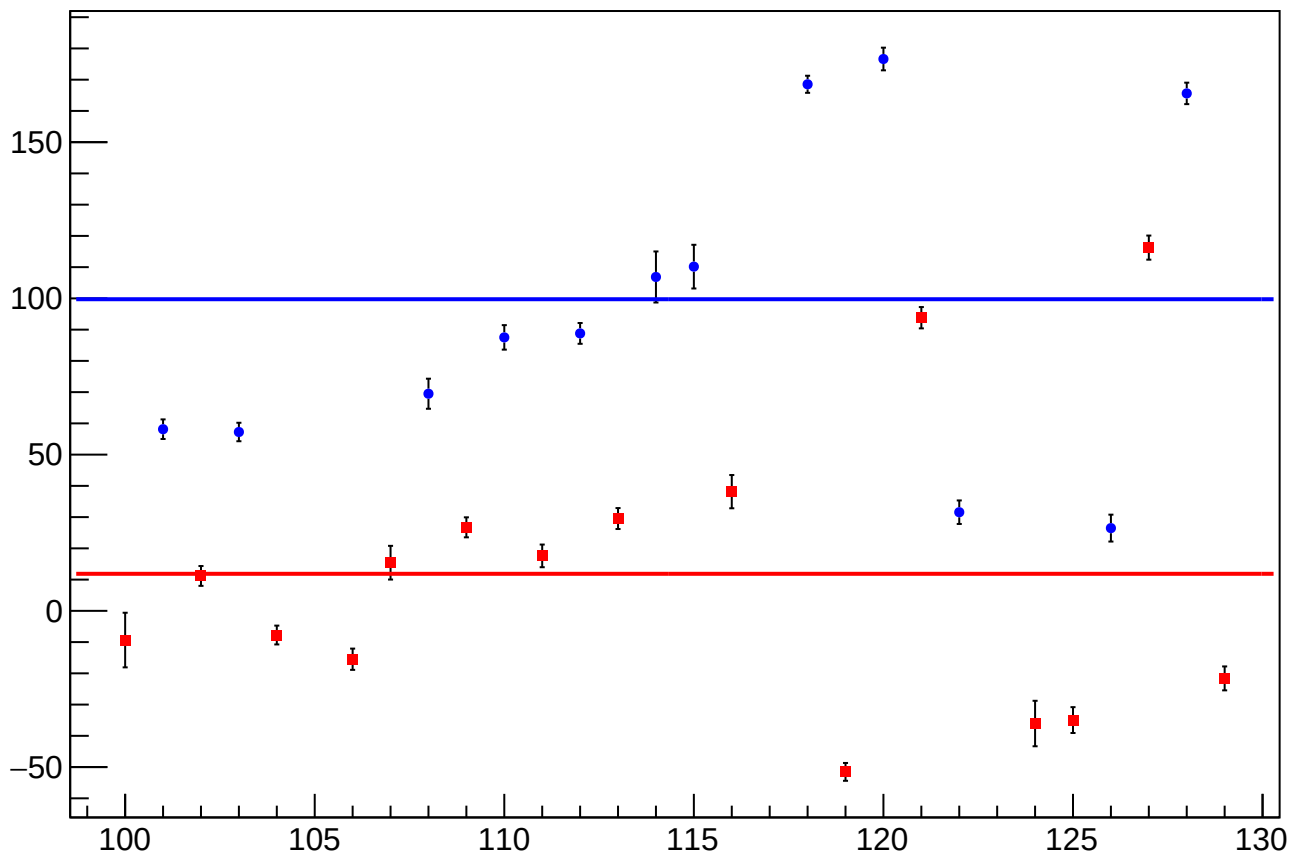
Right: 670.182+/-0.143 χ^2/NDF : 20028.3/26

In: 669.006+/-0.211 χ^2/NDF : 5790.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 670.182+/-0.143 χ^2/NDF : 20028.3/26

diff_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 99.735+/-1.073 χ^2/NDF : 2513.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.857+/-0.970 χ^2/NDF : 2240.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

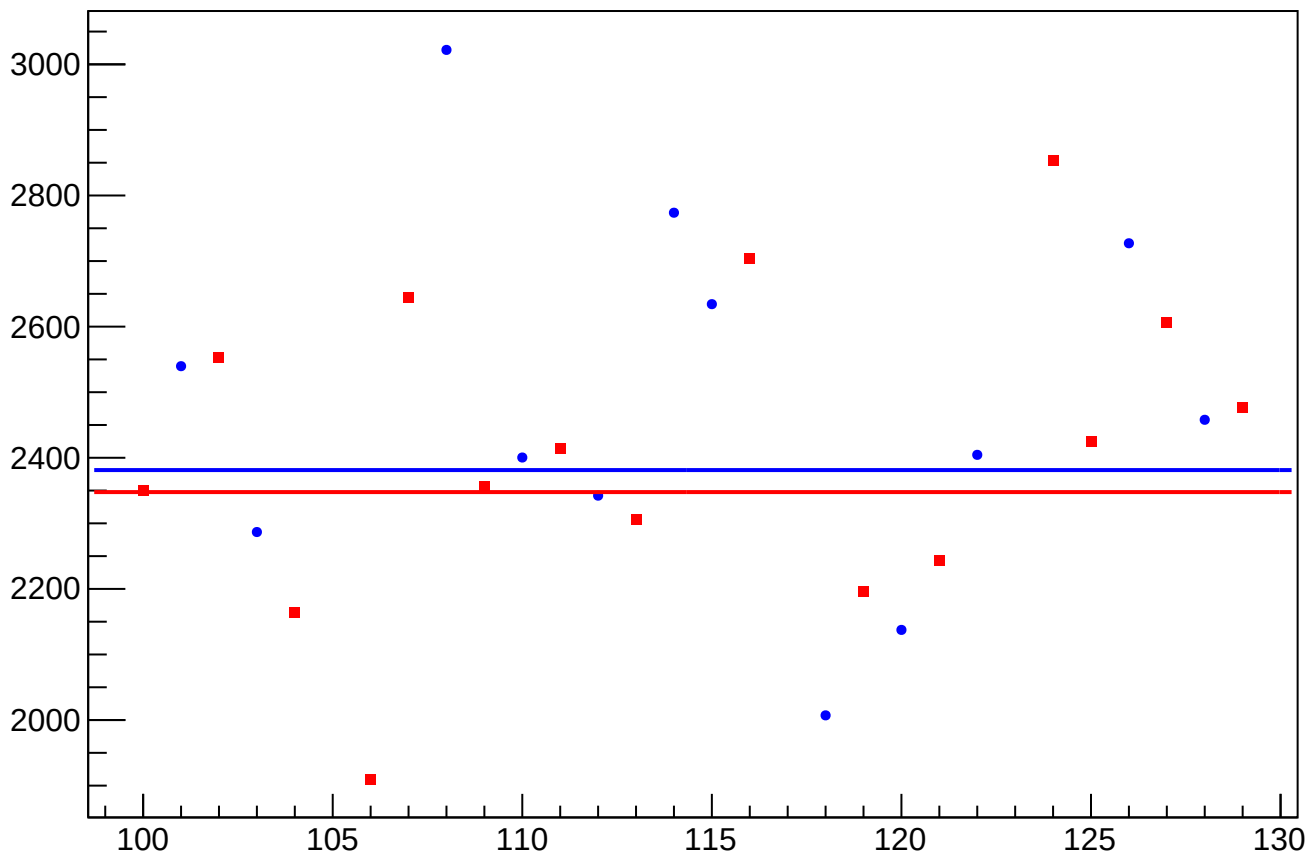
Right: 51.393+/-0.719 χ^2/NDF : 8446.6/26

In: 99.735+/-1.073 χ^2/NDF : 2513.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.393+/-0.719 χ^2/NDF : 8446.6/26

diff_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 2381.242+/-0.758 χ^2/NDF : 110614.6/11

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

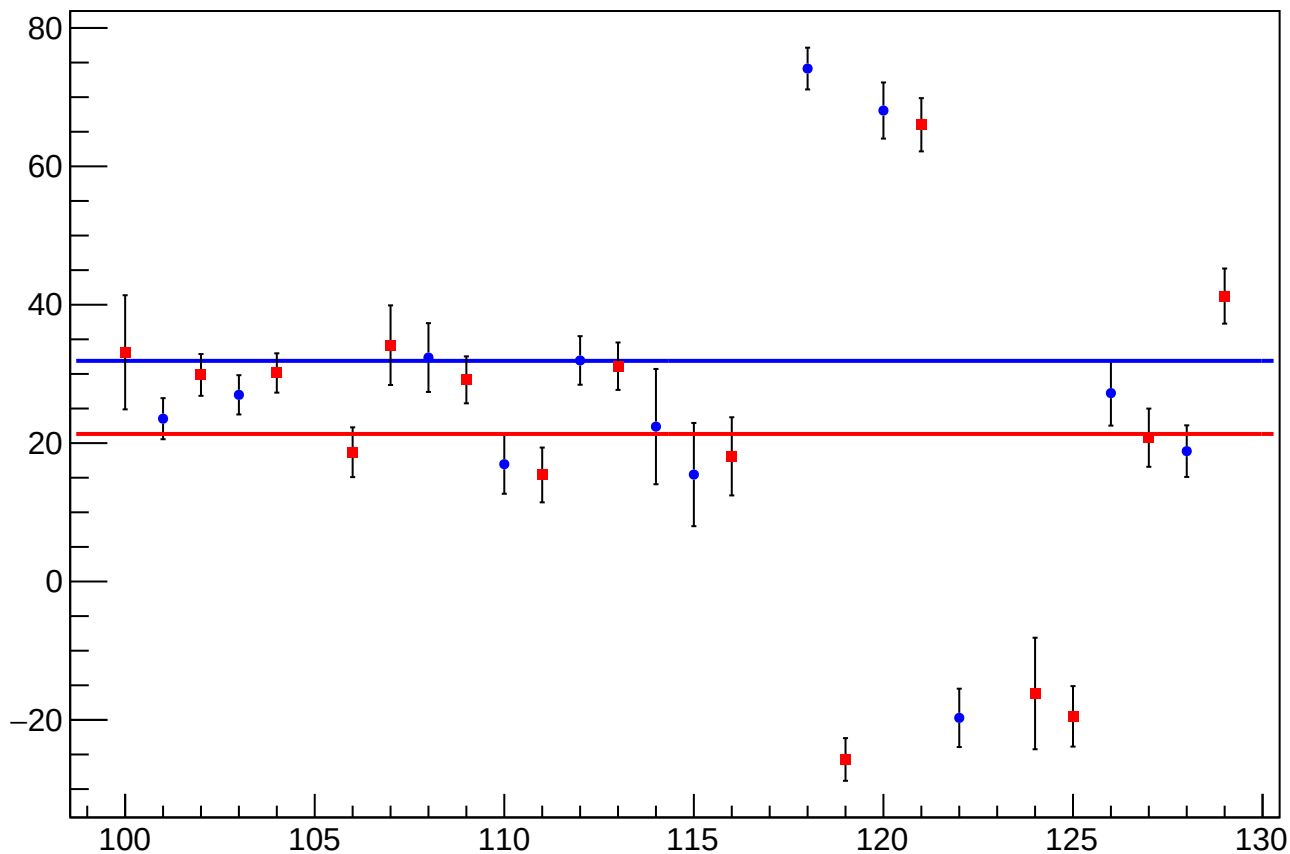
Right: 2362.775+/-0.509 χ^2/NDF : 205890.7/26

In: 2381.242+/-0.758 χ^2/NDF : 110614.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2362.775+/-0.509 χ^2/NDF : 205890.7/26

diff_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: 31.890+/-1.125 χ^2/NDF : 467.7/11

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

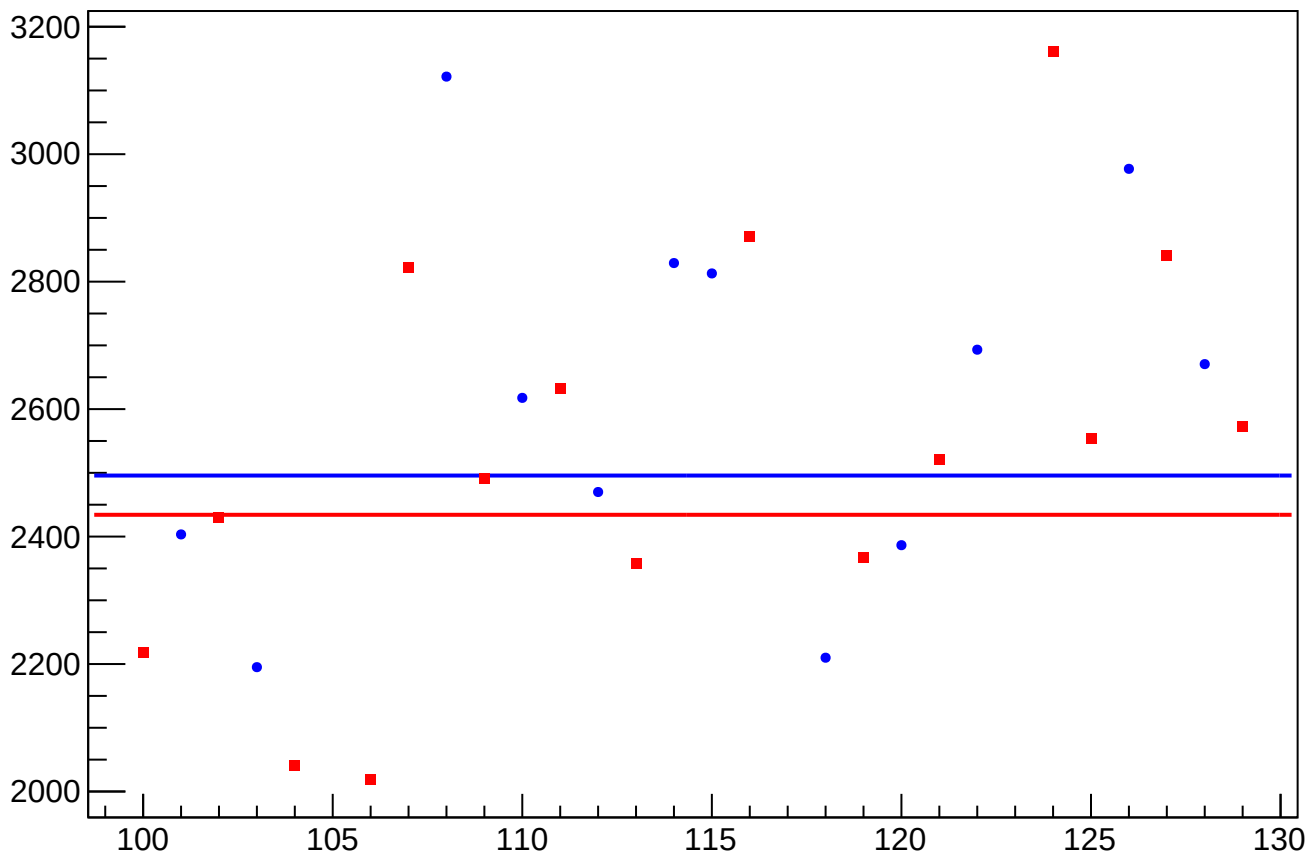
Right: 26.034+/-0.751 χ^2/NDF : 1059.4/26

In: 31.890+/-1.125 χ^2/NDF : 467.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.034+/-0.751 χ^2/NDF : 1059.4/26

diff_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 2495.760+/-0.795 χ^2/NDF : 113830.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

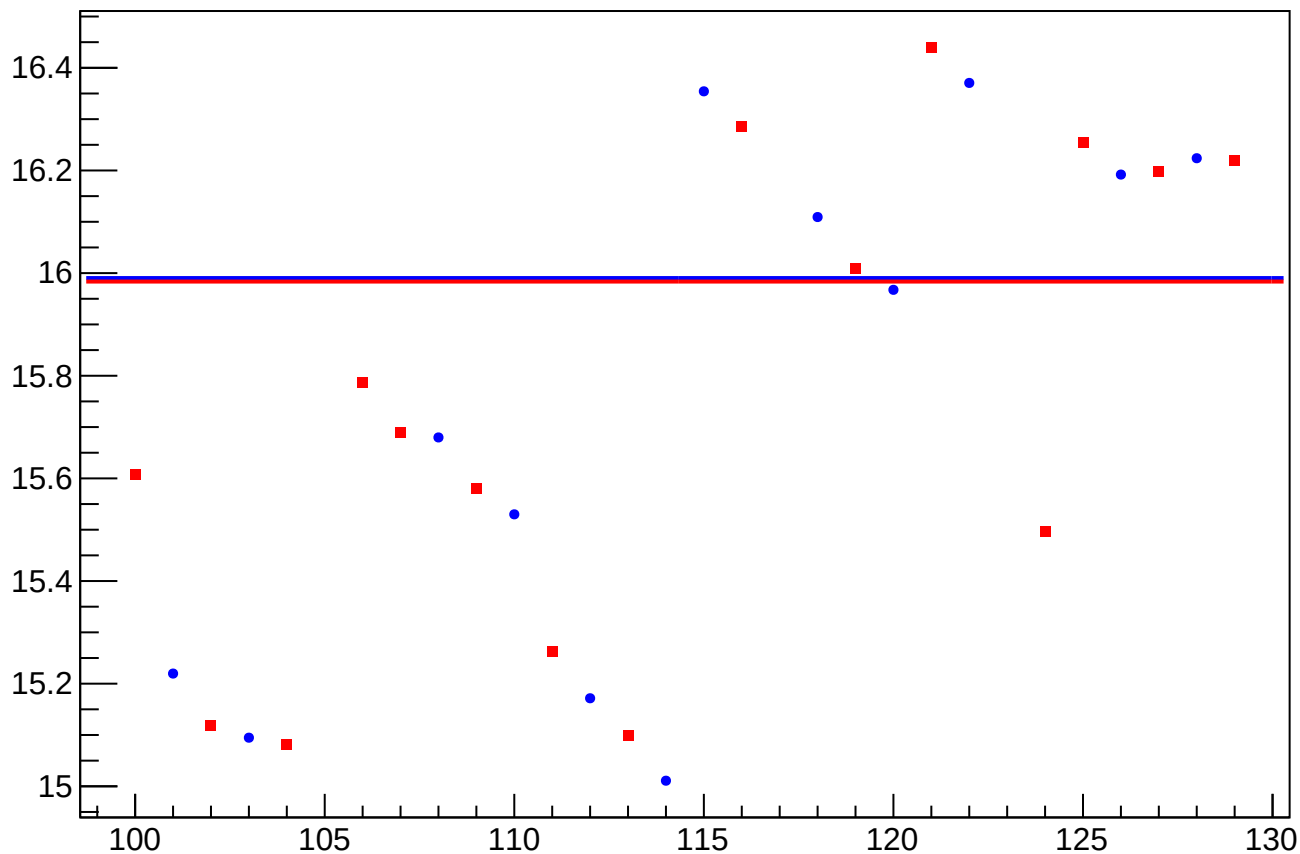
Right: 2461.625+/-0.531 χ^2/NDF : 251872.8/26

In: 2495.760+/-0.795 χ^2/NDF : 113830.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2461.625+/-0.531 χ^2/NDF : 251872.8/26

yield_sam1_mean vs Slug, Sign Corrected



Right In: 15.990+/-0.000 χ^2/NDF : 2581949495.4/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 15.984+/-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

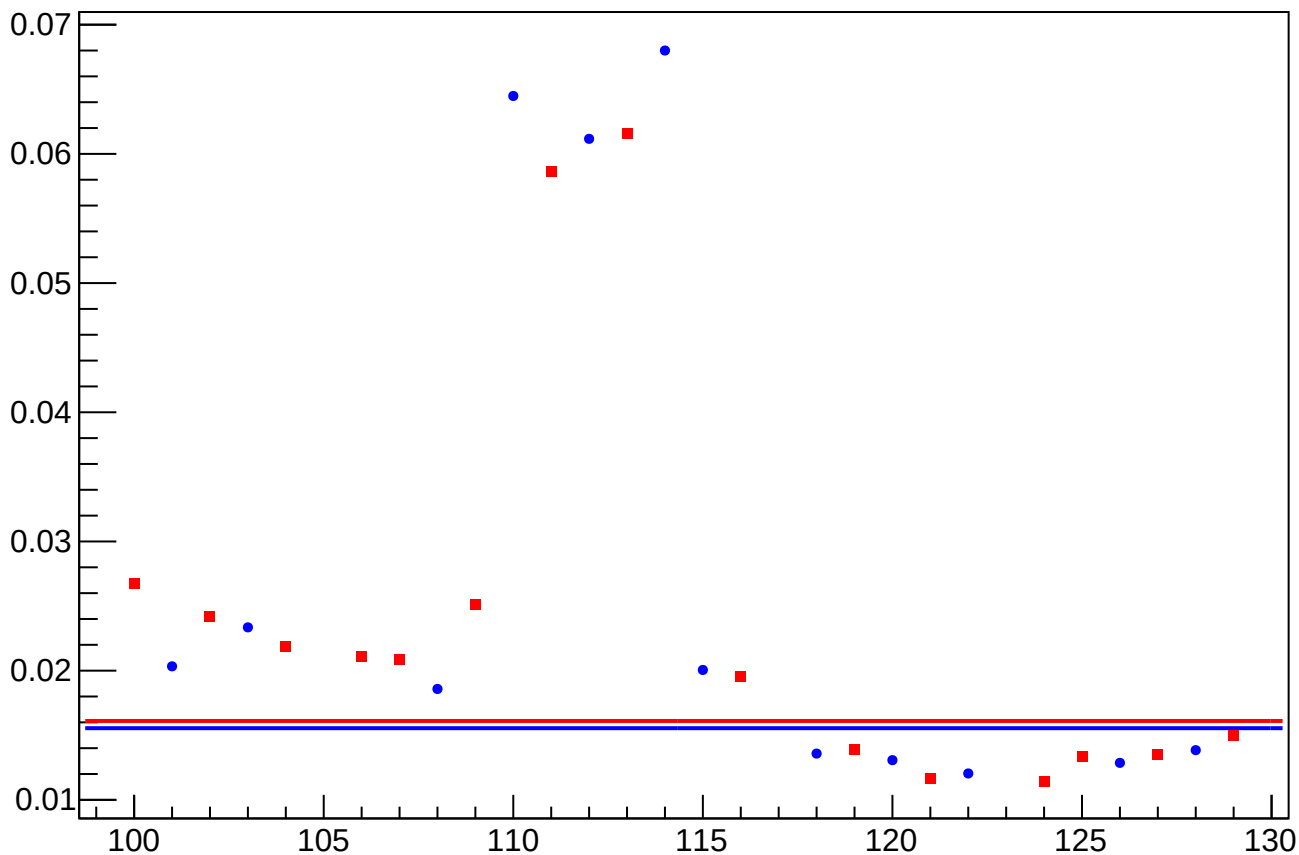
Right: 15.987+/-0.000 χ^2/NDF : 5798086384.3/26

In: 15.990+/-0.000 χ^2/NDF :2581949495.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 15.987+/-0.000 χ^2/NDF : 5798086384.3/26

yield_sam1_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 1408564.4/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 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

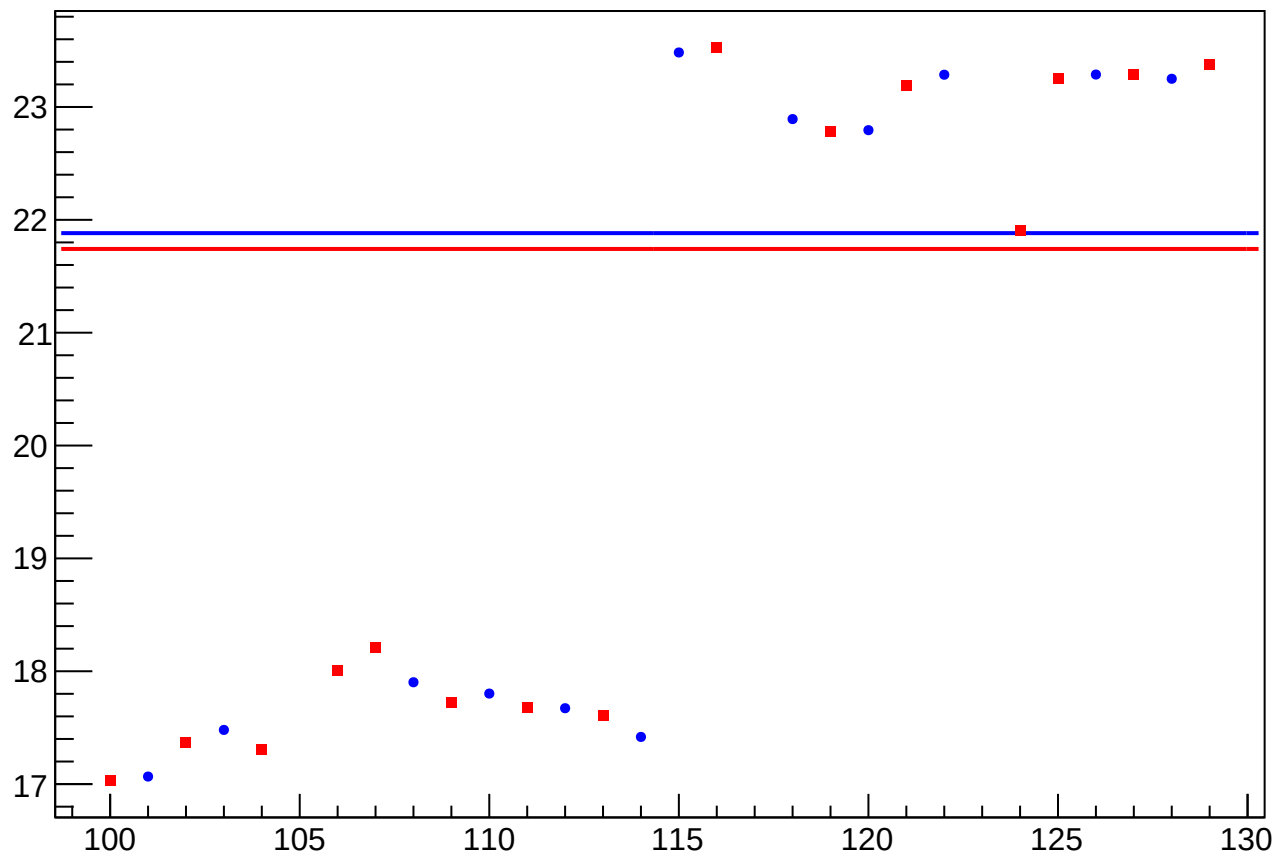
Right: 0.016+/-0.000 χ^2/NDF : 2981572.1/26

In: 0.016+/-0.000 χ^2/NDF :1408564.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.016+/-0.000 χ^2/NDF : 2981572.1/26

yield_sam2_mean vs Slug, Sign Corrected



Right In: 21.882+/-0.000 χ^2/NDF : 961040124.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.742+/-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

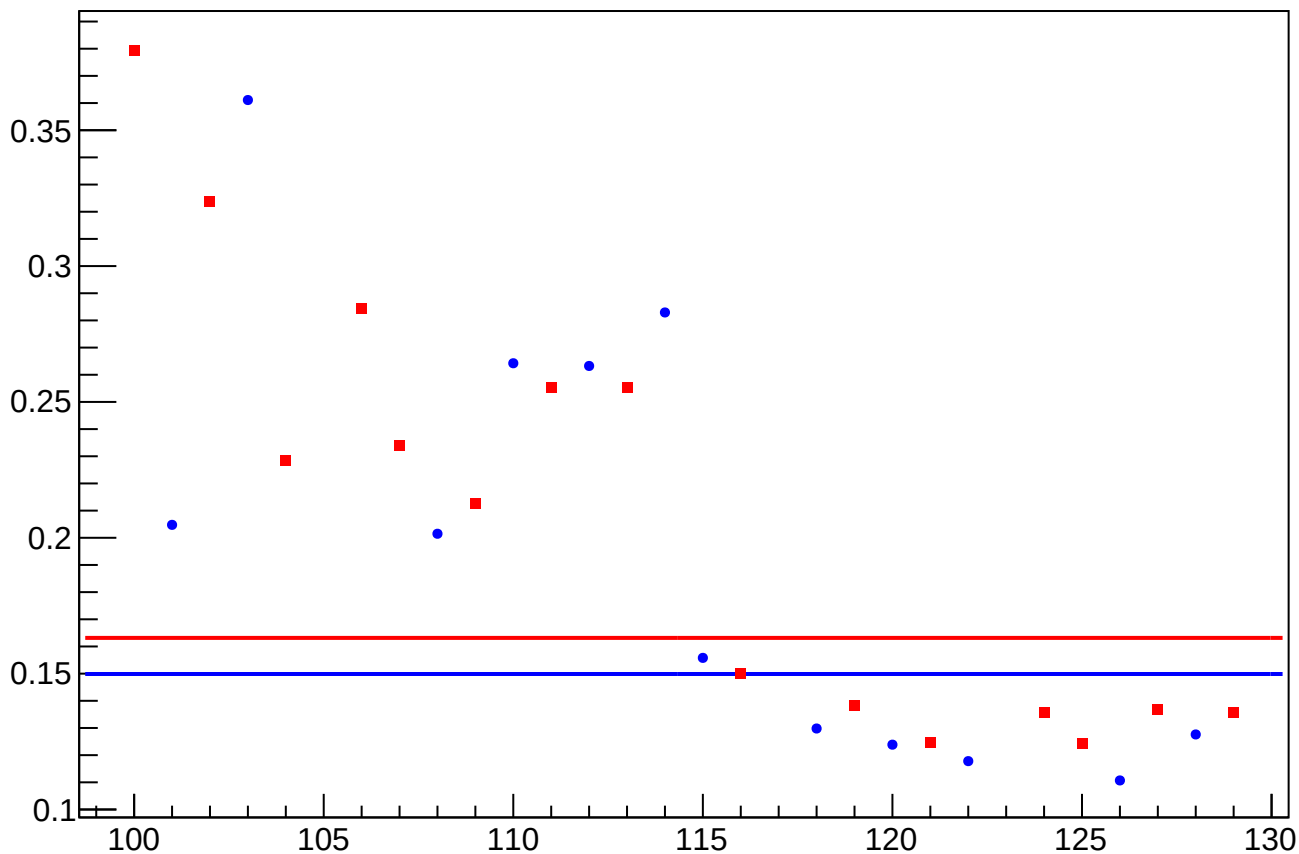
Right: 21.811+/-0.000 χ^2/NDF : 1982030312.1/26

In: 21.882+/-0.000 χ^2/NDF : 961040124.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.811+/-0.000 χ^2/NDF : 1982030312.1/26

yield_sam2_rms vs Slug, Sign Corrected



Right In: 0.150+/-0.000 χ^2/NDF : 1086087.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.163+/-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

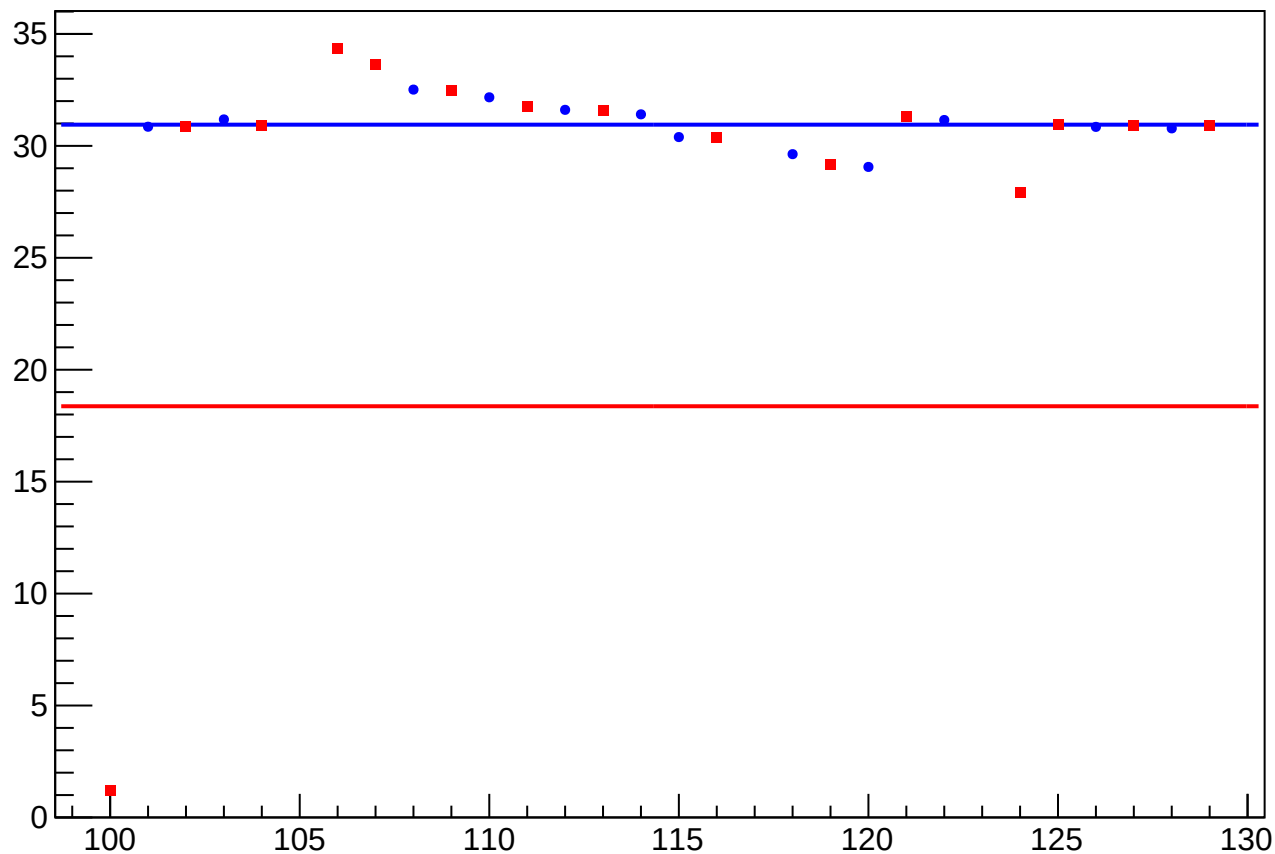
Right: 0.157+/-0.000 χ^2/NDF : 2164516.2/26

In: 0.150+/-0.000 χ^2/NDF : 1086087.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.157+/-0.000 χ^2/NDF : 2164516.2/26

yield_sam3_mean vs Slug, Sign Corrected



Right In: 30.947+/-0.000 χ^2/NDF : 350218247.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.369+/-0.000 χ^2/NDF : 201423834878.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

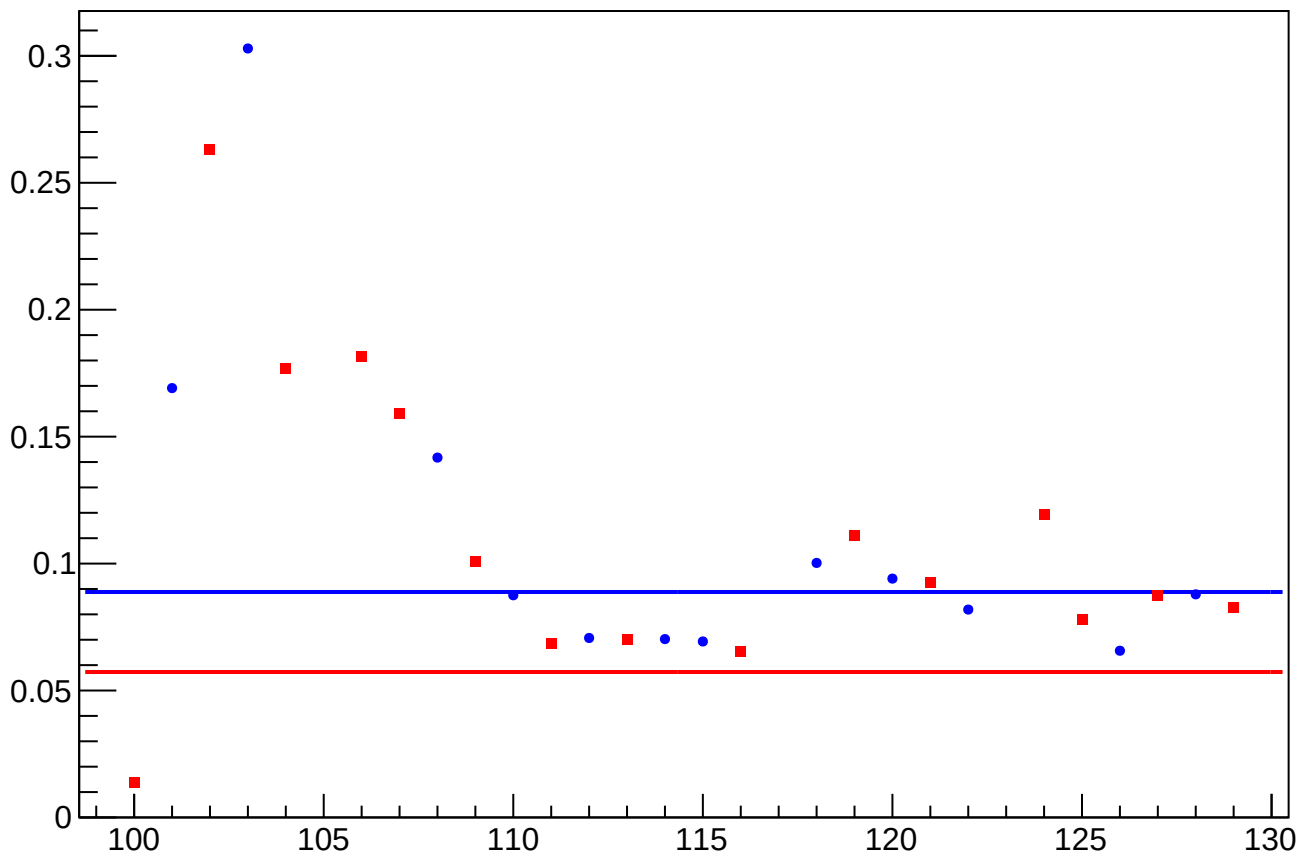
Right: 22.598+/-0.000 χ^2/NDF : 250428418581.9/26

In: 30.947+/-0.000 χ^2/NDF : 350218247.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.598+/-0.000 χ^2/NDF : 250428418581.9/26

yield_sam3_rms vs Slug, Sign Corrected



Right In: 0.089+/-0.000 χ^2/NDF : 1094202.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.057+/-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

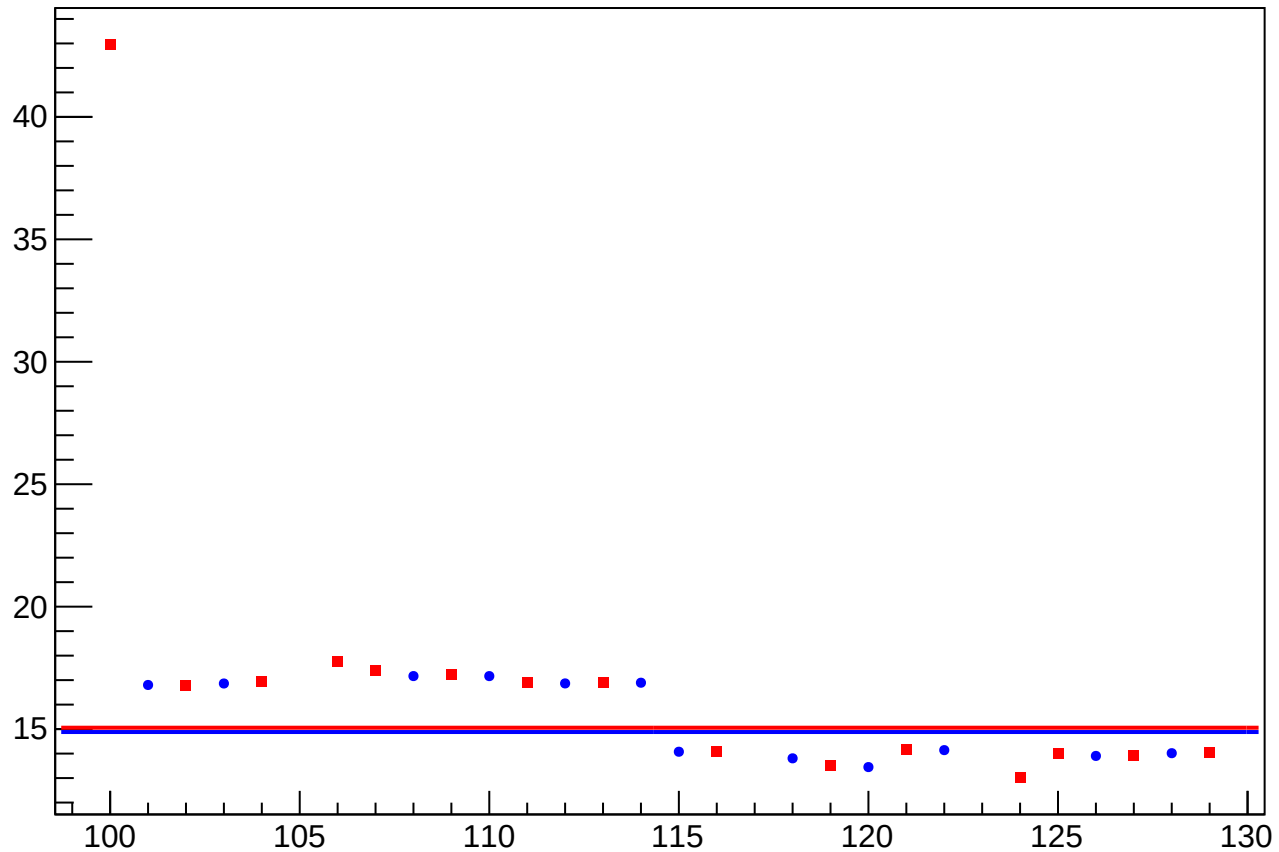
Right: 0.068+/-0.000 χ^2/NDF : 5450350.1/26

In: 0.089+/-0.000 χ^2/NDF : 1094202.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

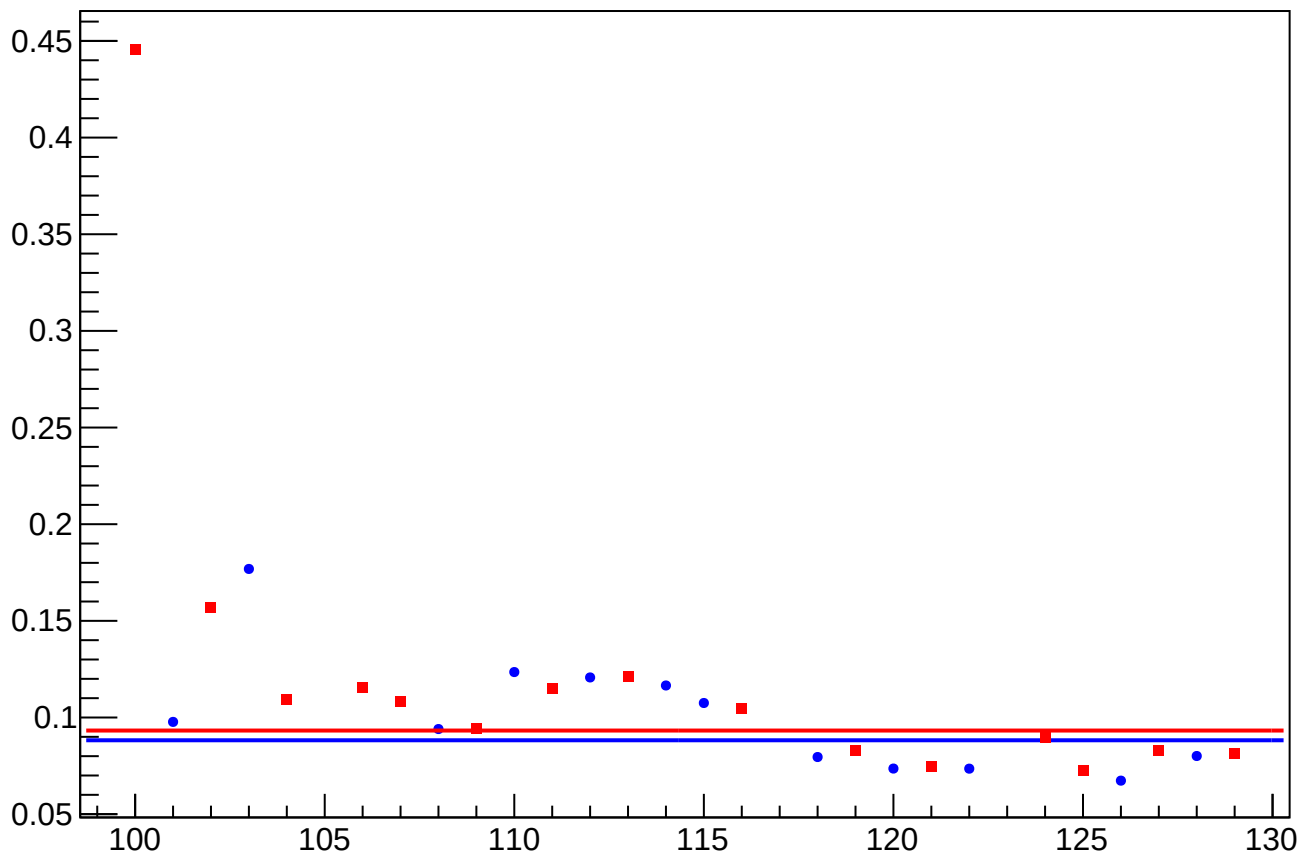
All: 0.068+/-0.000 χ^2/NDF : 5450350.1/26

yield_sam4_mean vs Slug, Sign Corrected



Right In: 14.880+/-0.000 χ^2/NDF : 1114828285.6/11
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 15.057+/-0.000 χ^2/NDF : 1661052813.4/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 14.971+/-0.000 χ^2/NDF : 2784406232.6/26
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 14.971+/-0.000 χ^2/NDF : 2784406232.6/26
 In: 14.880+/-0.000 χ^2/NDF : 1114828285.6/11
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam4_rms vs Slug, Sign Corrected



Right In: 0.088+/-0.000 χ^2/NDF : 588753.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.093+/-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

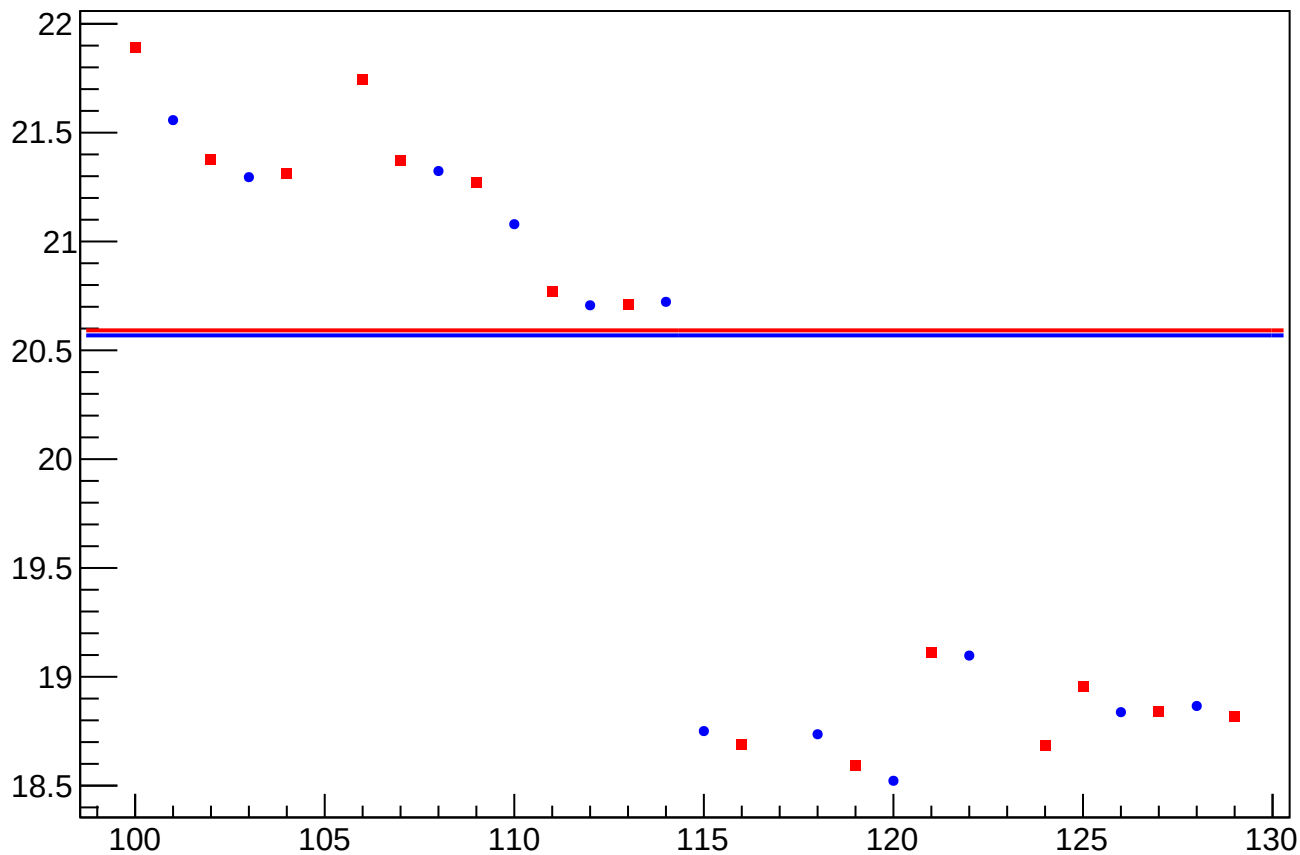
Right: 0.091+/-0.000 χ^2/NDF : 1152242.4/26

In: 0.088+/-0.000 χ^2/NDF : 588753.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.091+/-0.000 χ^2/NDF : 1152242.4/26

yield_sam5_mean vs Slug, Sign Corrected



Right In: 20.569+/-0.000 χ^2/NDF : 6362911038.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 20.592+/-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

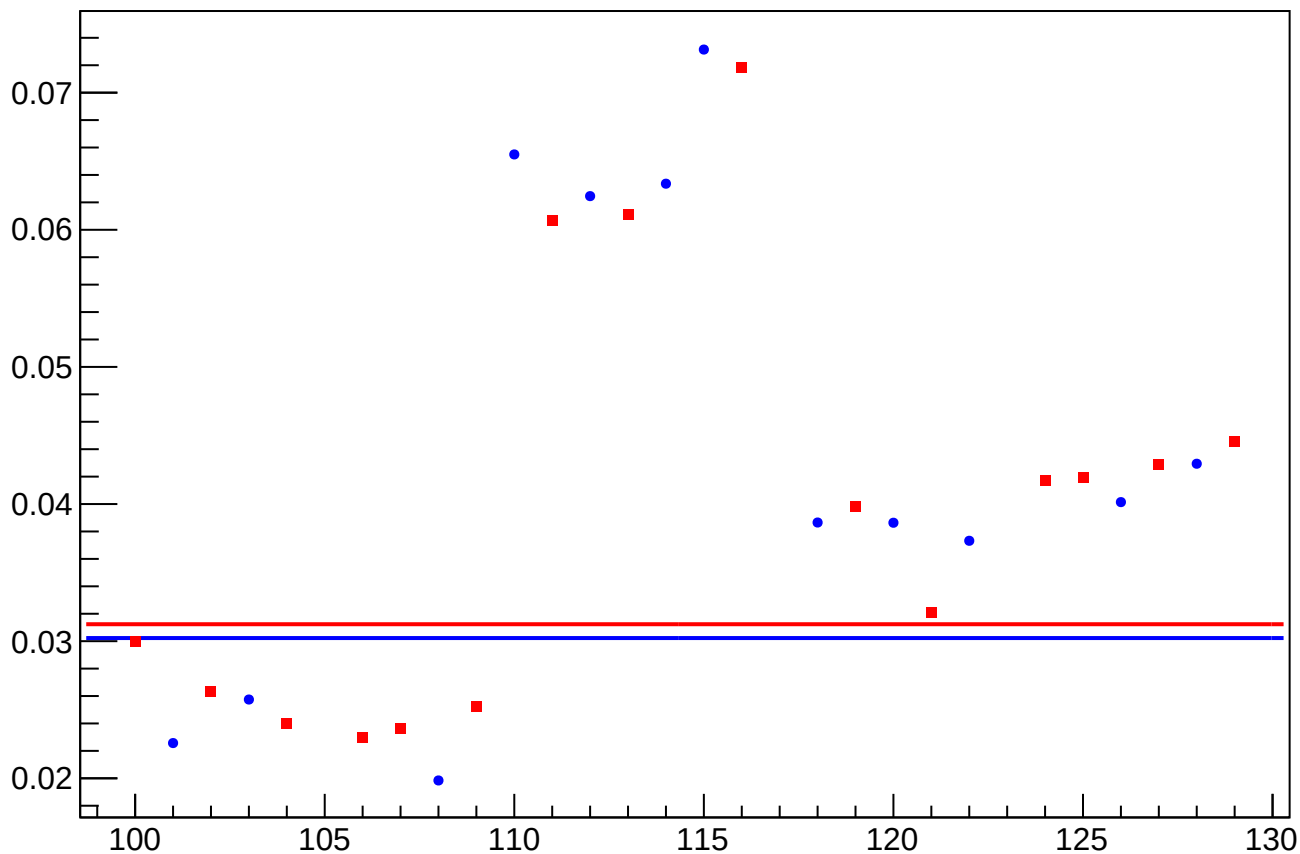
Right: 20.581+/-0.000 χ^2/NDF : 13189467165.7/26

In: 20.569+/-0.000 χ^2/NDF :6362911038.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20.581+/-0.000 χ^2/NDF : 13189467165.7

yield_sam5_rms vs Slug, Sign Corrected



Right In: 0.030+/-0.000 χ^2/NDF : 1181829.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.031+/-0.000 χ^2/NDF : 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

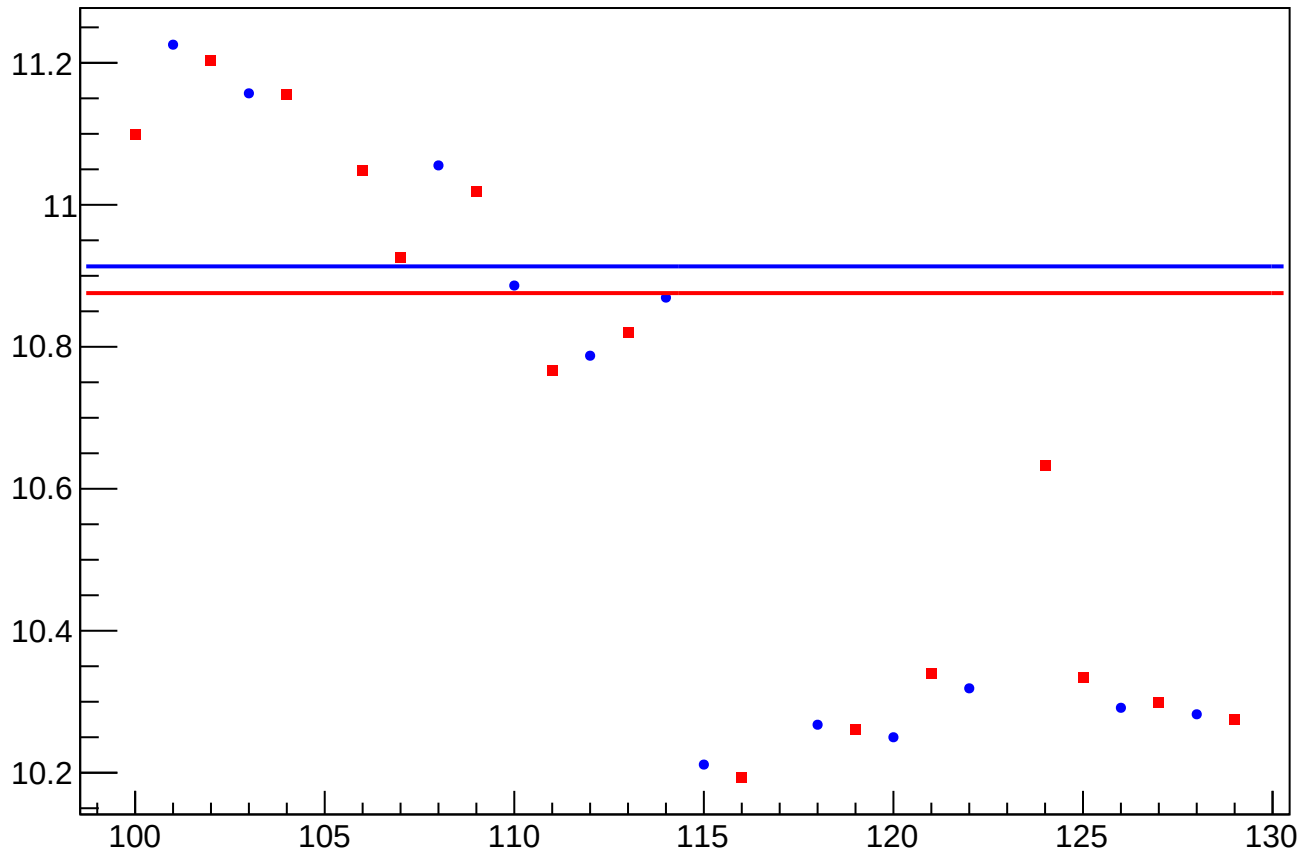
Right: 0.031+/-0.000 χ^2/NDF : 2284341.6/26

In: 0.030+/-0.000 χ^2/NDF : 1181829.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.031+/-0.000 χ^2/NDF : 2284341.6/26

yield_sam6_mean vs Slug, Sign Corrected



Right In: 10.913+/-0.000 χ^2/NDF : 3081166197.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.876+/-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

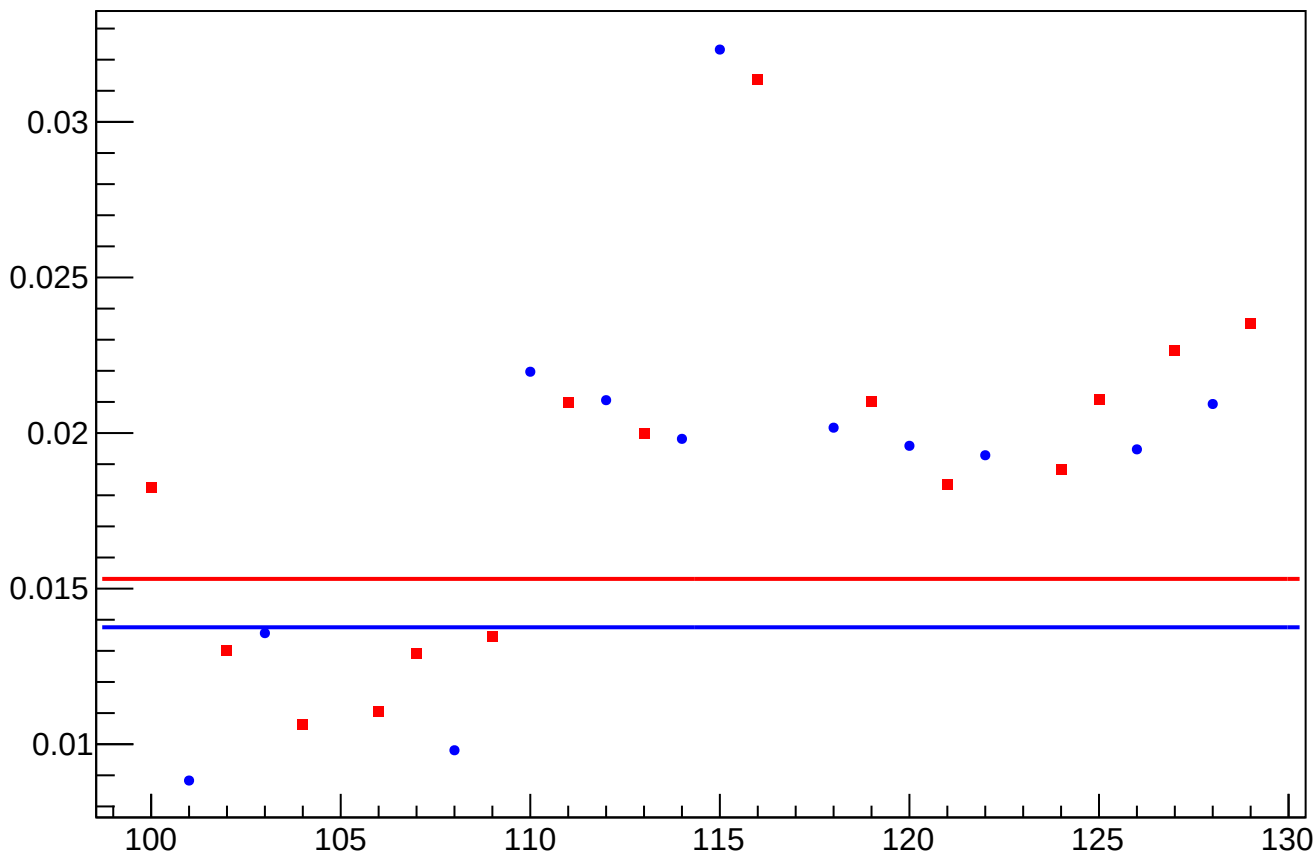
Right: 10.894+/-0.000 χ^2/NDF : 5638470923.6/26

In: 10.913+/-0.000 χ^2/NDF : 3081166197.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.894+/-0.000 χ^2/NDF : 5638470923.6/26

yield_sam6_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1163054.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 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

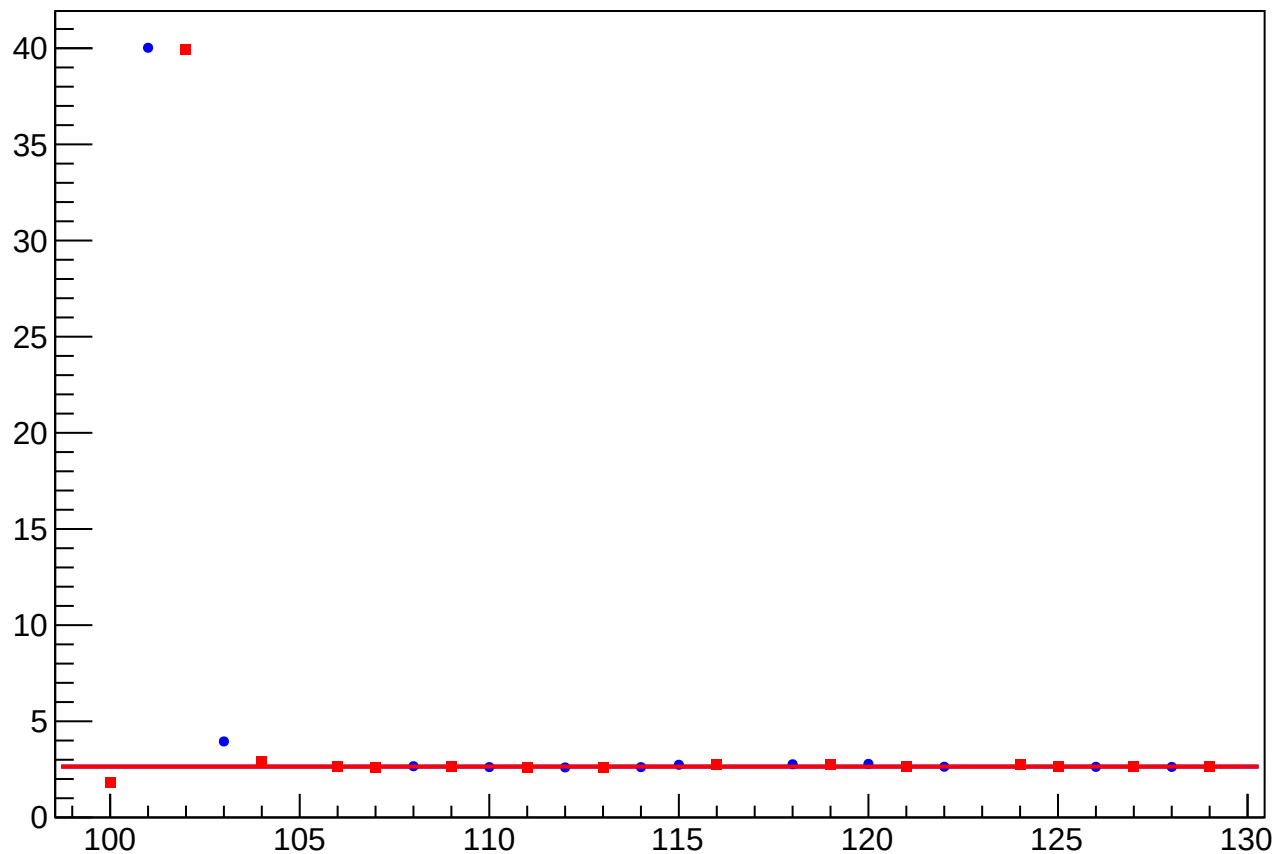
Right: 0.015+/-0.000 χ^2/NDF : 2127133.8/26

In: 0.014+/-0.000 χ^2/NDF : 1163054.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 2127133.8/26

yield_sam7_mean vs Slug, Sign Corrected



Right In: 2.645+/-0.000

χ^2/NDF : 64615842372.7/11

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 2.645+/-0.000 χ^2/NDF : 127783187499.8/26

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 2.645+/-0.000 χ^2/NDF : 64615842372.7/11

Right Out: 2.645+/-0.000

χ^2/NDF : 63167302527.9/14

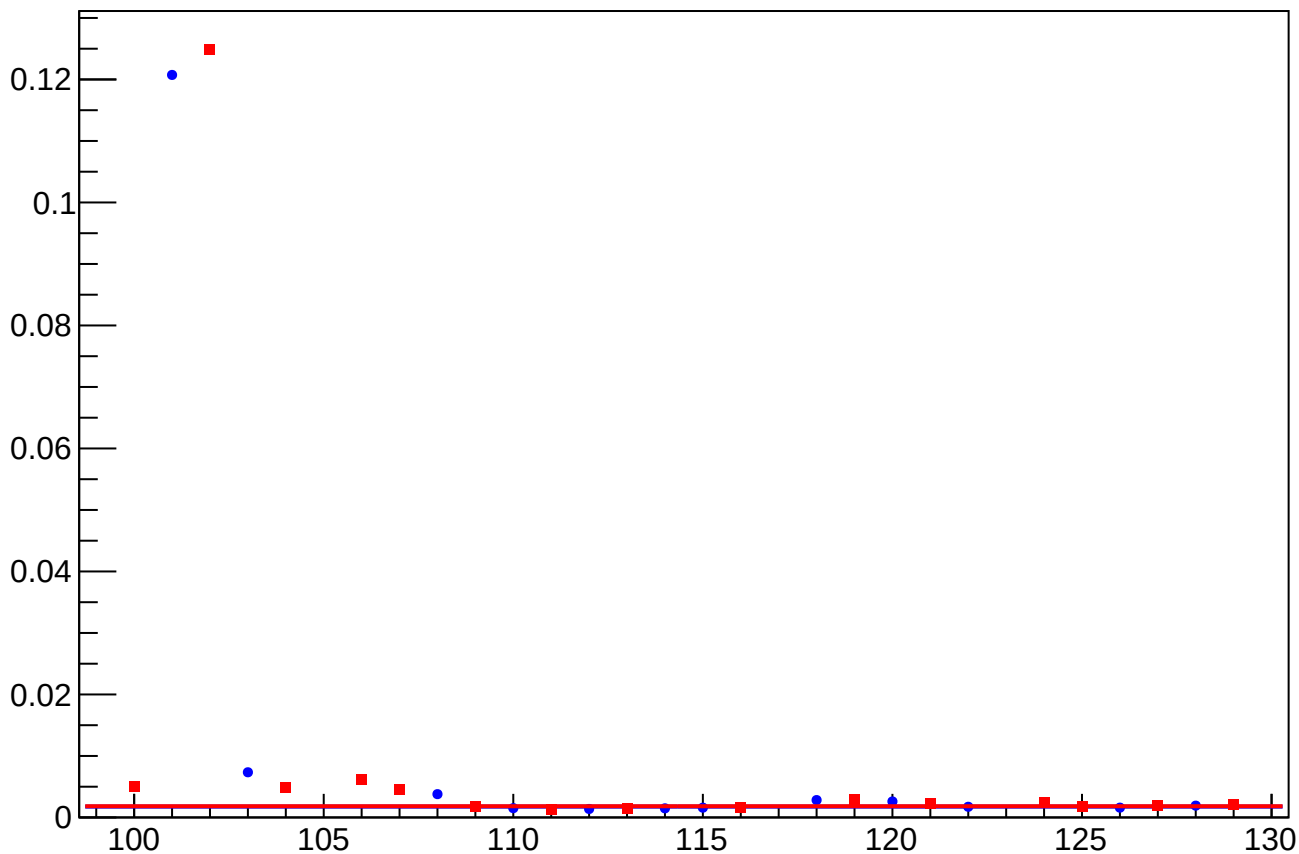
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 2.645+/-0.000 χ^2/NDF : 127783187499.8

yield_sam7_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1774453.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 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

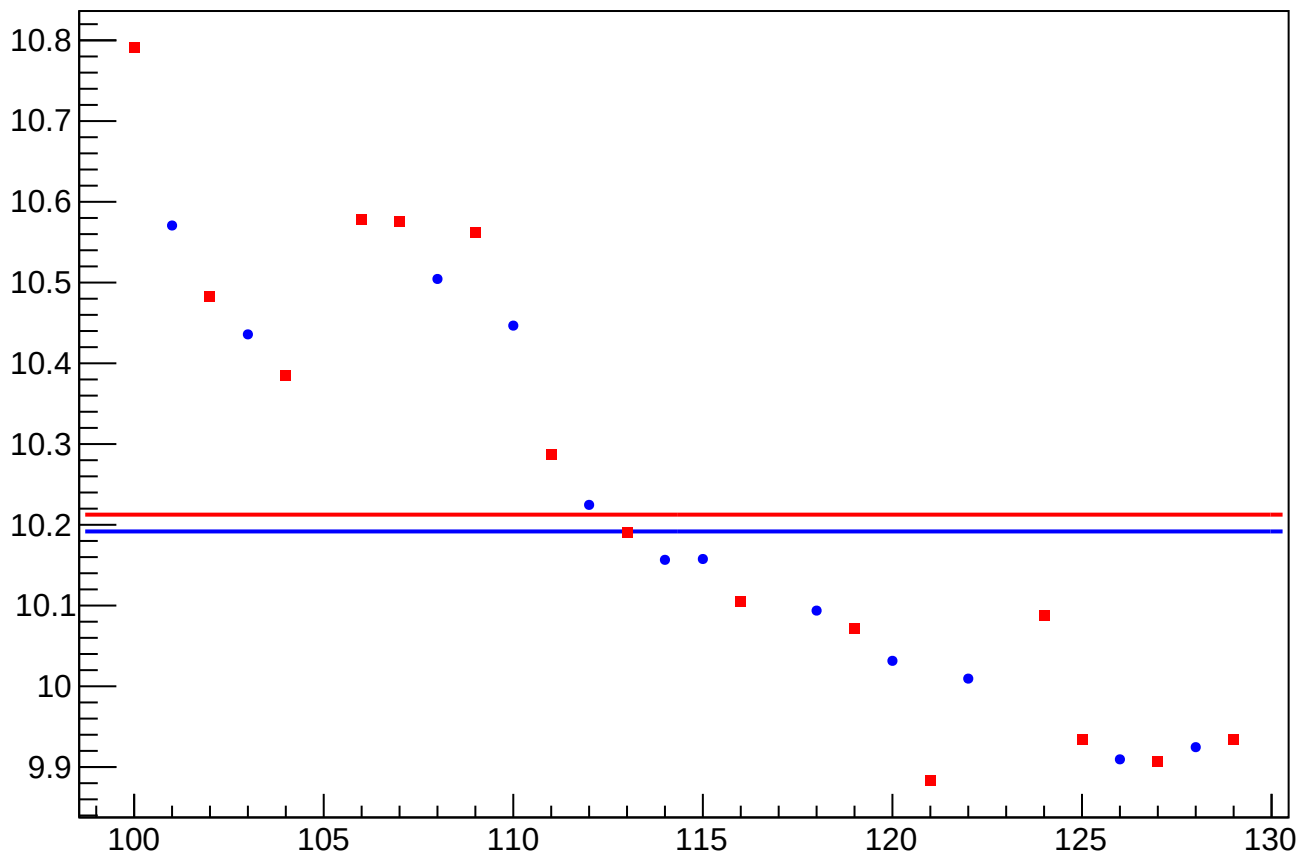
Right: 0.002+/-0.000 χ^2/NDF : 4154192.9/26

In: 0.002+/-0.000 χ^2/NDF : 1774453.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4154192.9/26

yield_sam8_mean vs Slug, Sign Corrected



Right In: 10.192+/-0.000 χ^2/NDF : 5404636937.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.213+/-0.000 χ^2/NDF : 6980503764.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

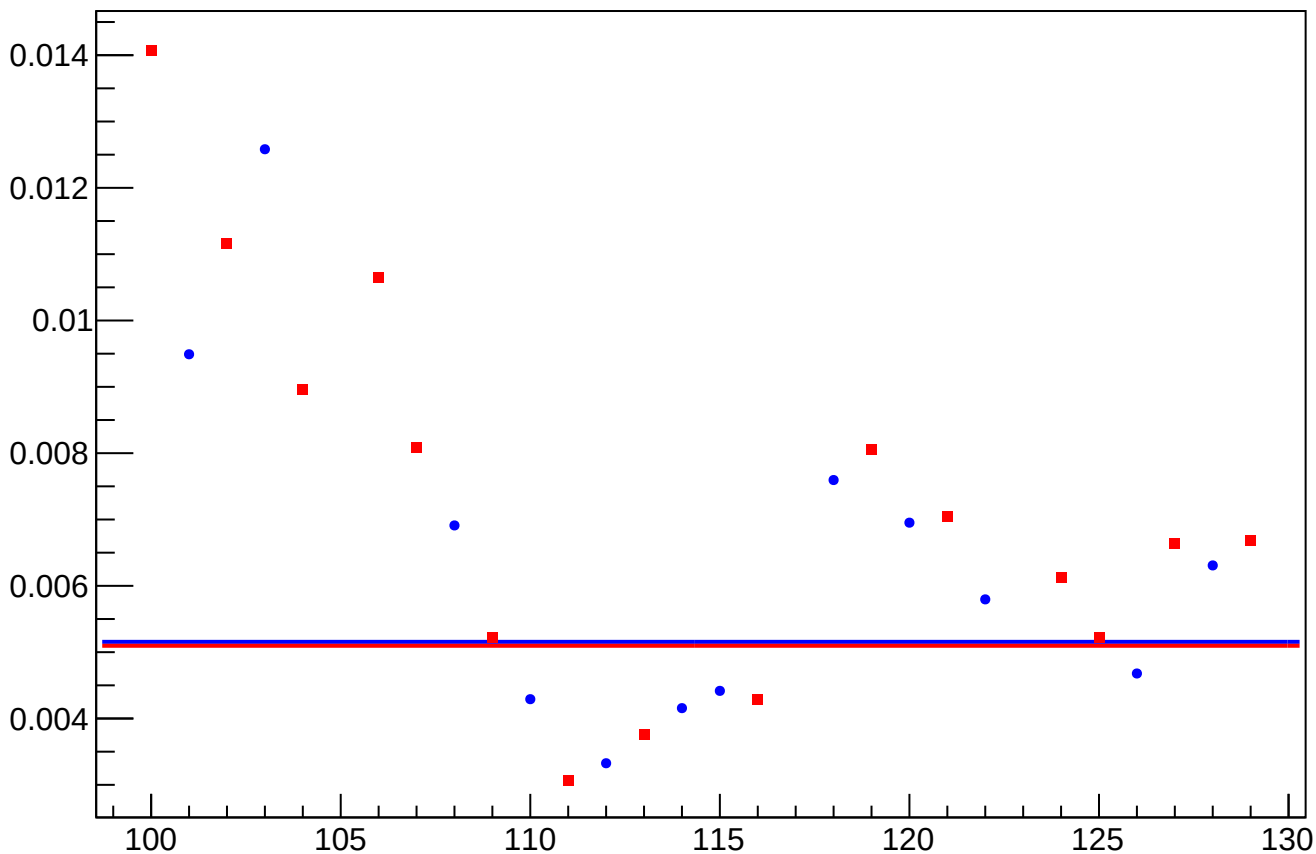
Right: 10.203+/-0.000 χ^2/NDF : 12418132035.1/26

In: 10.192+/-0.000 χ^2/NDF : 5404636937.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.203+/-0.000 χ^2/NDF : 12418132035.1

yield_sam8_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1179087.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 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

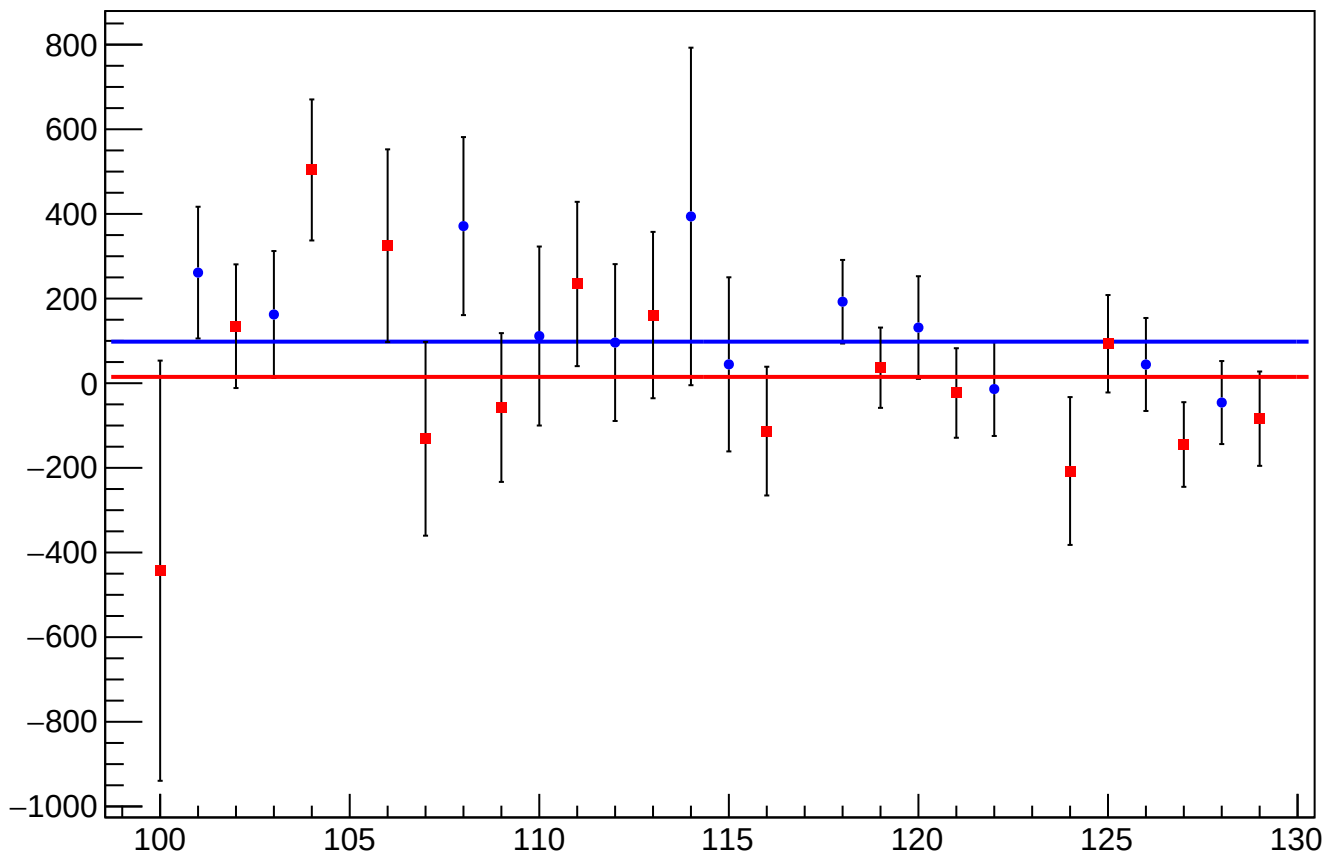
Right: 0.005+/-0.000 χ^2/NDF : 2755832.3/26

In: 0.005+/-0.000 χ^2/NDF : 1179087.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2755832.3/26

reg_asym_sam1_mean vs Slug, Sign Corrected



Right In: 98.192 $\pm$ 39.889 χ^2 /NDF: 8.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 14.911 $\pm$ 36.697 χ^2 /NDF: 20.7/14

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

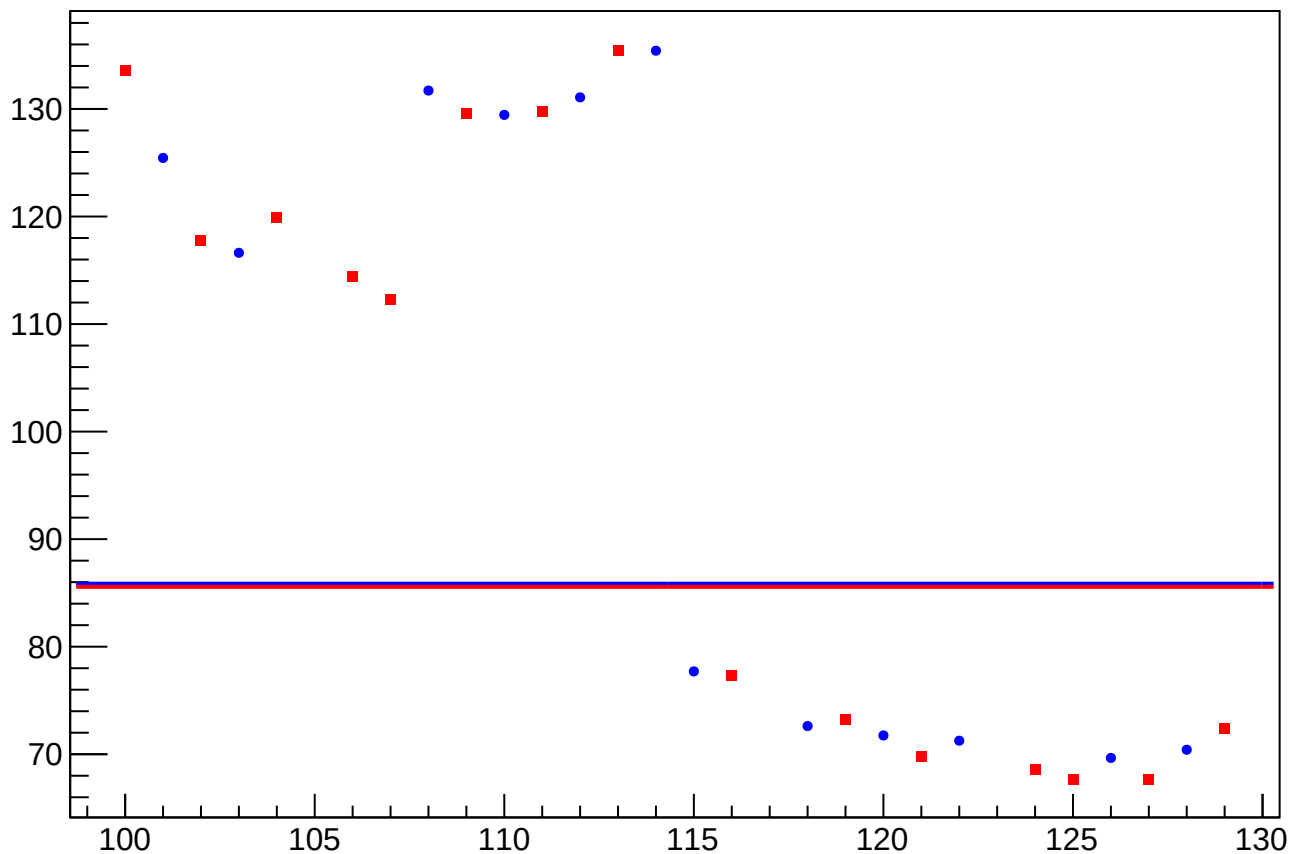
Right: 53.086 $\pm$ 27.007 χ^2 /NDF: 31.1/26

In: 98.192 $\pm$ 39.889 χ^2 /NDF:8.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 53.086 $\pm$ 27.007 χ^2 /NDF: 31.1/26

reg_asym_sam1_rms vs Slug, Sign Corrected



Right In: 85.856+/-0.028 χ^2/NDF : 737564.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

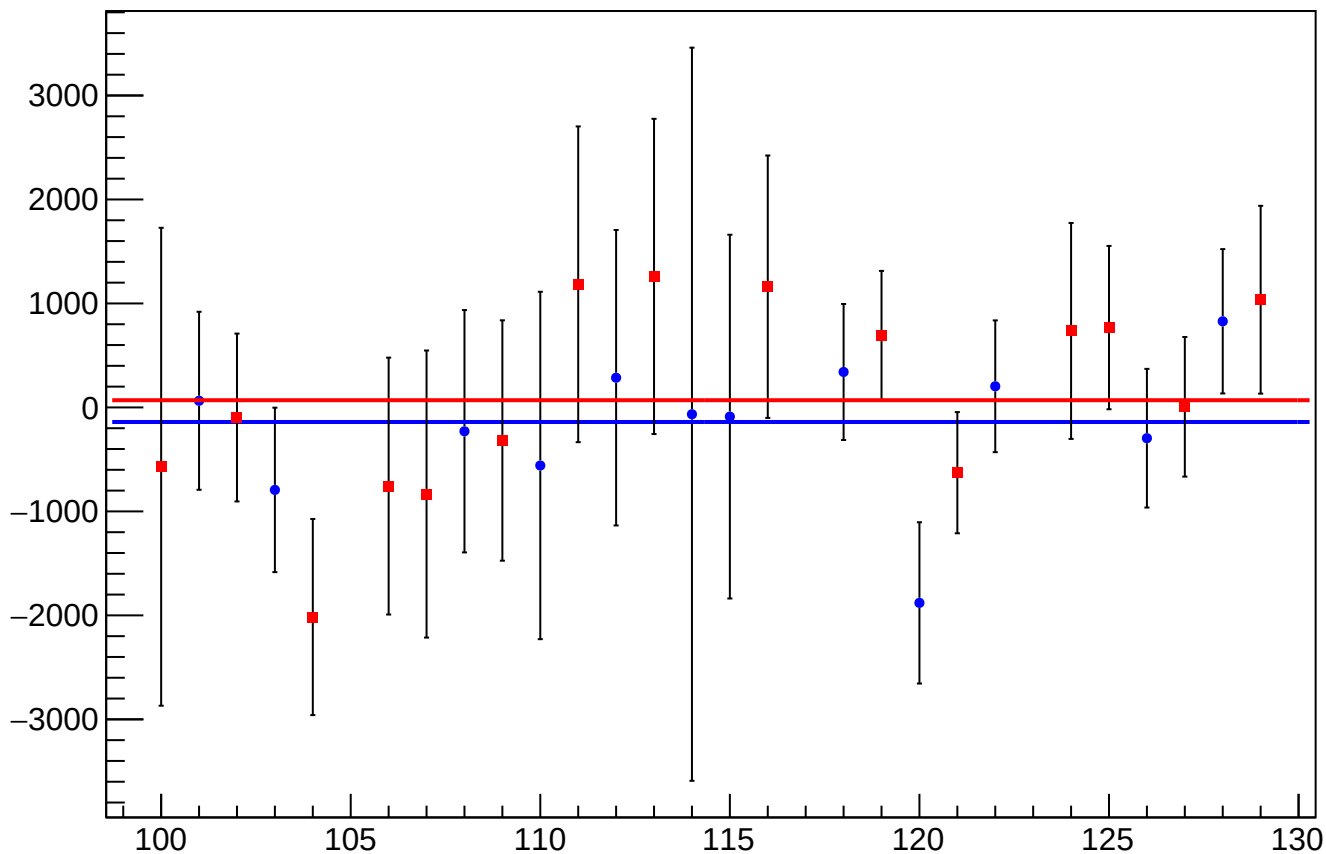
Right: 85.698+/-0.019 χ^2/NDF : 1599556.8/26

In: 85.856+/-0.028 χ^2/NDF : 737564.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.698+/-0.019 χ^2/NDF : 1599556.8/26

asym_sam1_reg_correction_mean vs Slug, Sign Corrected



Right In: -140.080 ± 251.768 $\chi^2/\text{NDF}: 8.8/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 69.320 ± 237.115 $\chi^2/\text{NDF}: 12.7/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

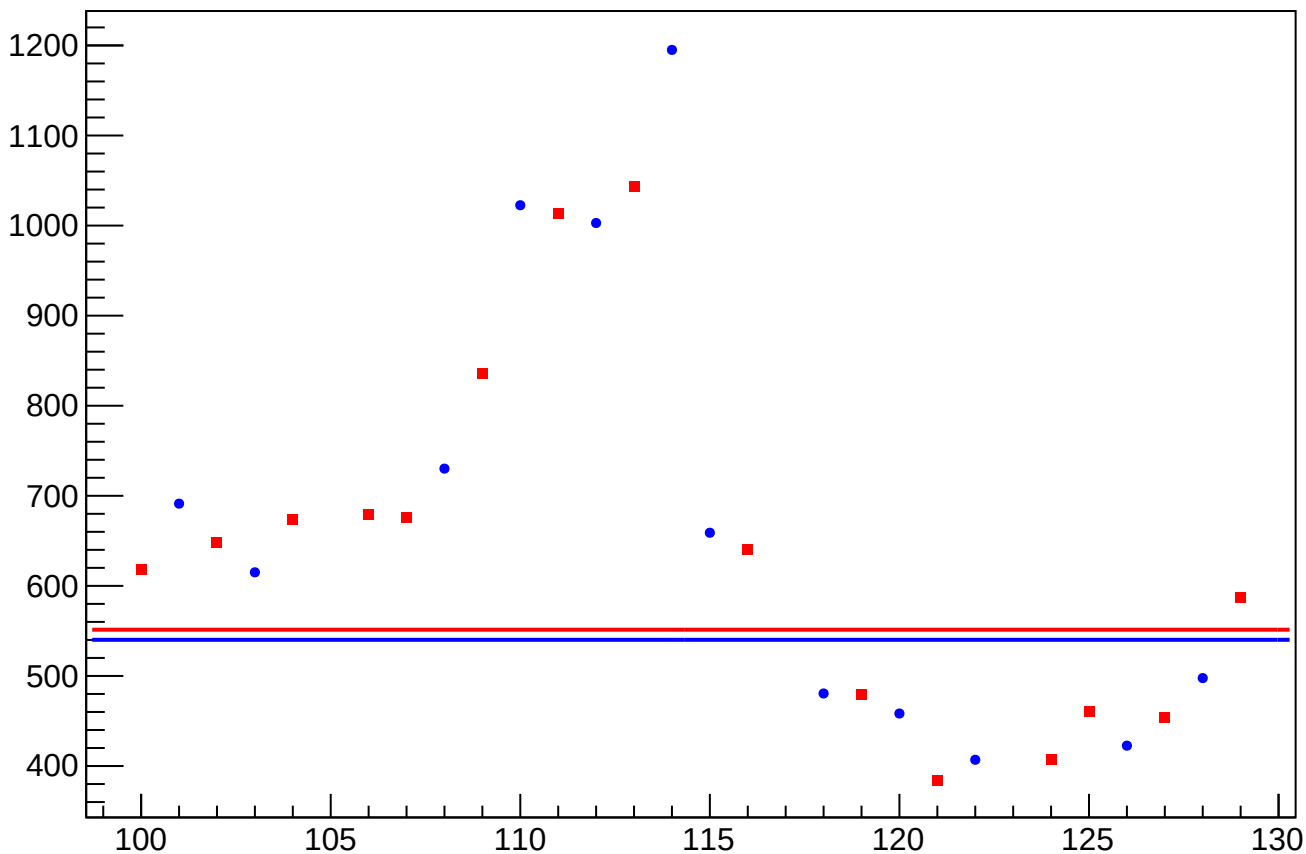
Right: -29.109 ± 172.614 $\chi^2/\text{NDF}: 21.8/26$

In: -140.080 ± 251.768 $\chi^2/\text{NDF}: 8.8/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -29.109 ± 172.614 $\chi^2/\text{NDF}: 21.8/26$

asym_sam1_reg_correction_rms vs Slug, Sign Corrected



Right In: 540.141+/-0.178 χ^2/NDF : 787509.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

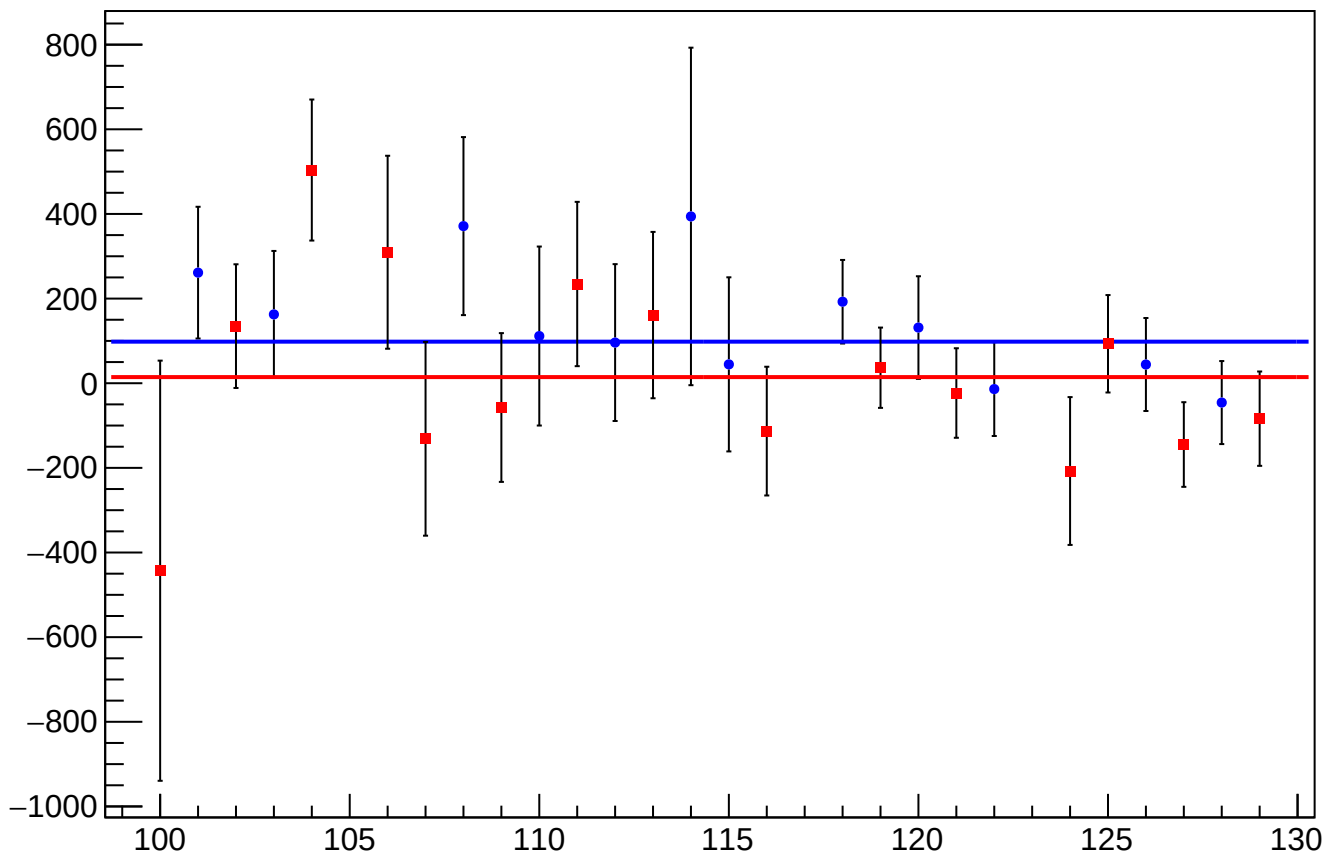
Right: 546.075+/-0.122 χ^2/NDF : 1719732.9/26

In: 540.141+/-0.178 χ^2/NDF : 787509.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 546.075+/-0.122 χ^2/NDF : 1719732.9/26

cor_asym_sam1_mean vs Slug, Sign Corrected



Right In: 98.215 $\pm$ 39.889 χ^2 /NDF: 8.0/11

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

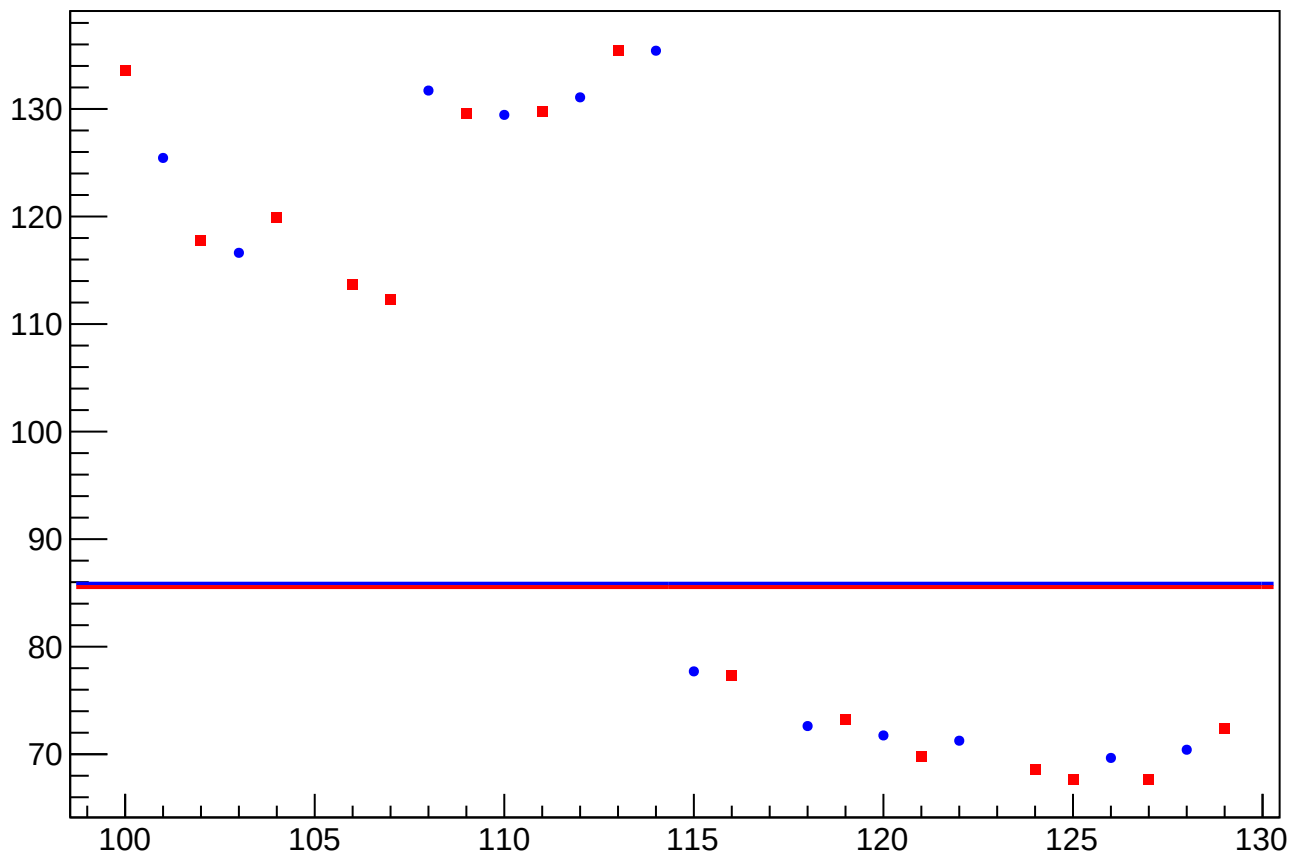
Right: 52.877 $\pm$ 27.007 χ^2 /NDF: 30.9/26

In: 98.215 $\pm$ 39.889 χ^2 /NDF:8.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 52.877 $\pm$ 27.007 χ^2 /NDF: 30.9/26

cor_asym_sam1_rms vs Slug, Sign Corrected



Right In: 85.856+/-0.028 χ^2/NDF : 737564.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

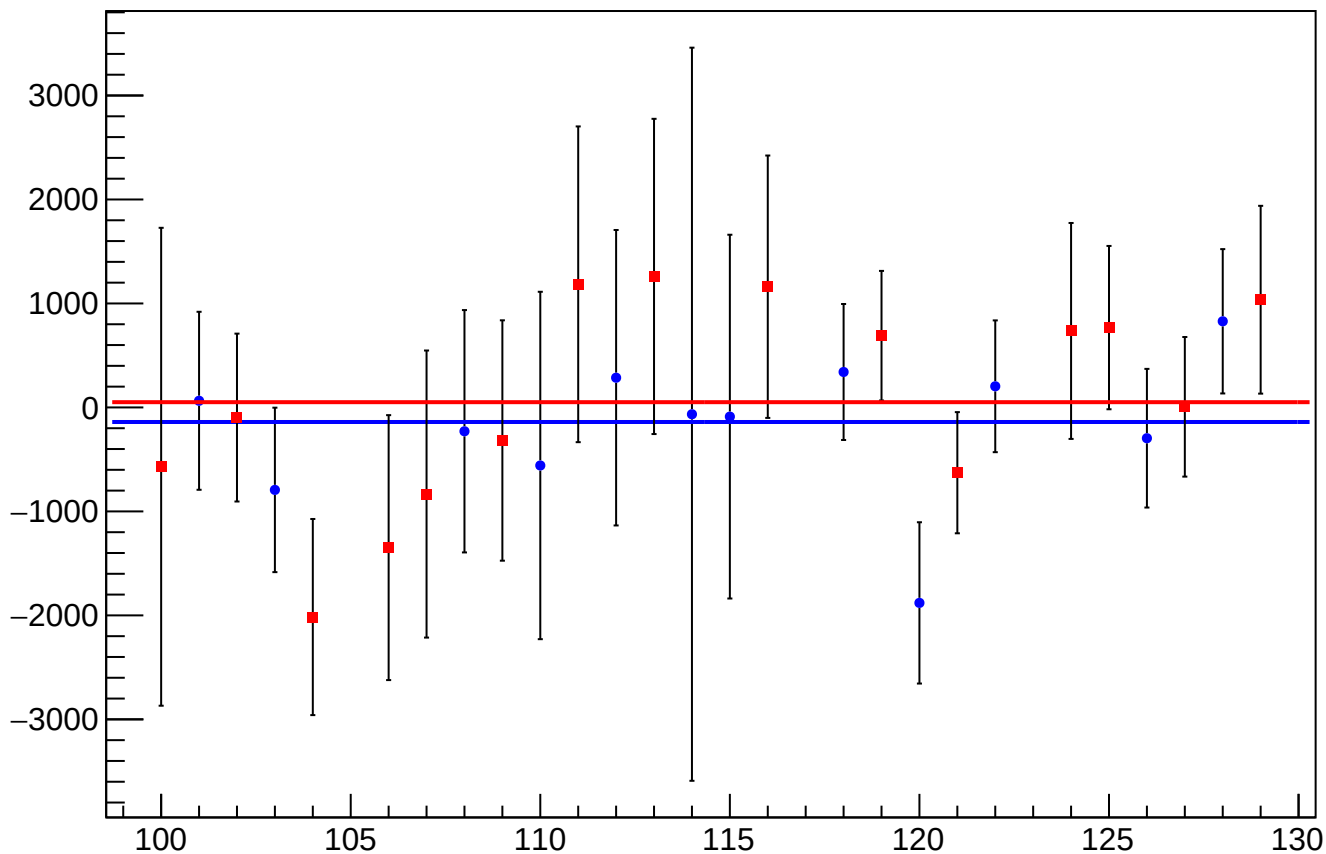
Right: 85.686+/-0.019 χ^2/NDF : 1597915.3/26

In: 85.856+/-0.028 χ^2/NDF : 737564.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.686+/-0.019 χ^2/NDF : 1597915.3/26

asym_sam1_cor_correction_mean vs Slug, Sign Corrected



Right In: -140.076 ± 251.768 χ^2/NDF : 8.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 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

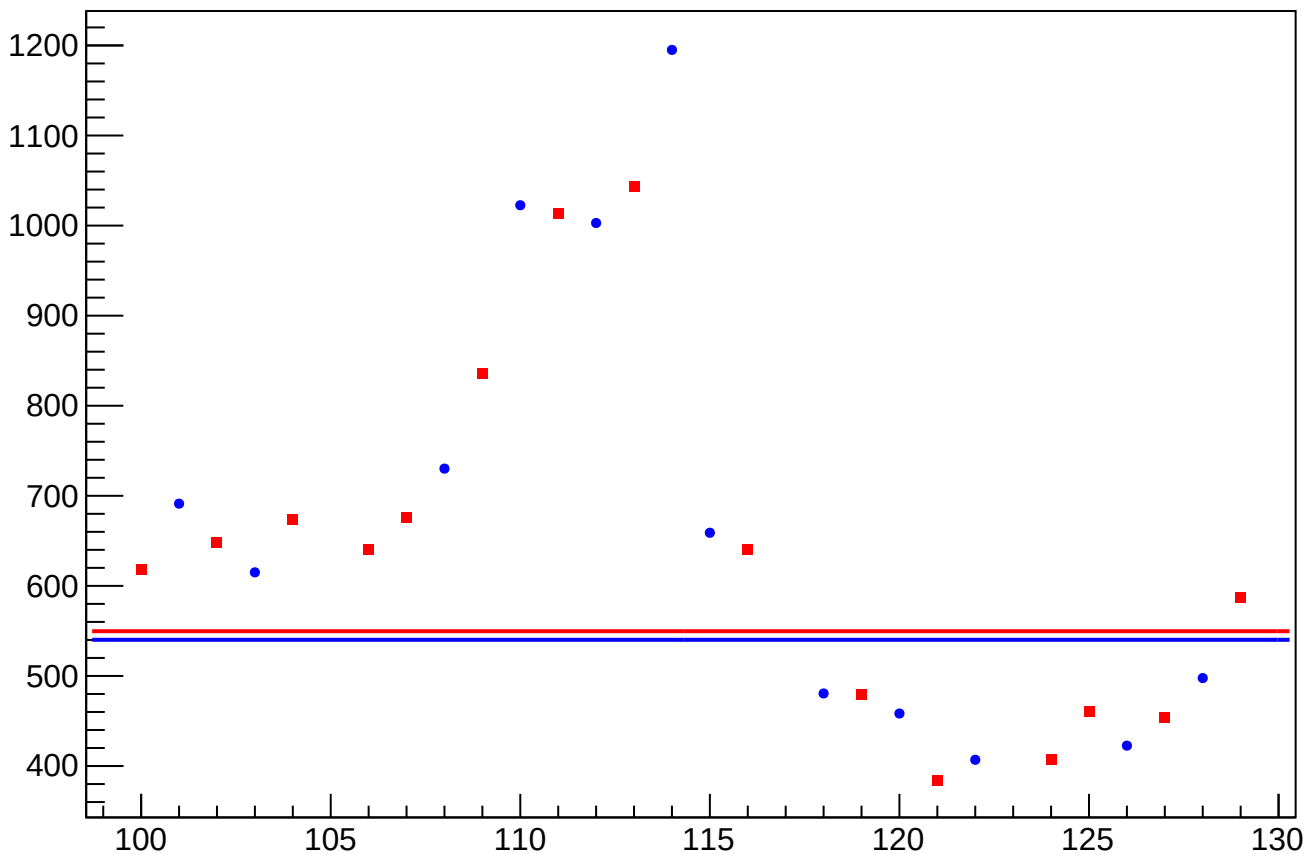
Right: -39.152 ± 172.715 χ^2/NDF : 22.5/26

In: -140.076 ± 251.768 χ^2/NDF : 8.8/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.152 ± 172.715 χ^2/NDF : 22.5/26

asym_sam1_cor_correction_rms vs Slug, Sign Corrected



Right In: 540.141+/-0.178 χ^2/NDF : 787509.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

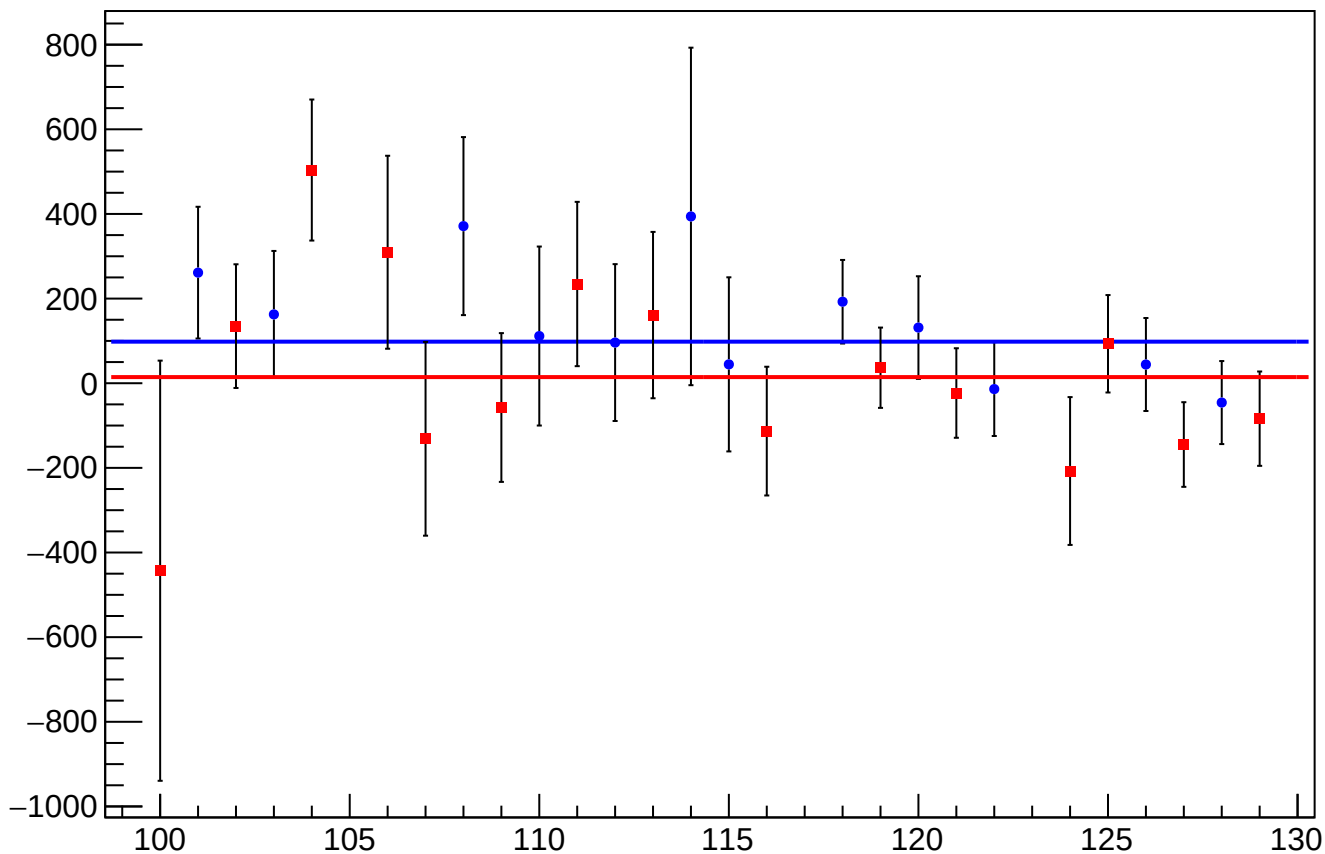
Right: 545.198+/-0.122 χ^2/NDF : 1707267.2/26

In: 540.141+/-0.178 χ^2/NDF : 787509.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 545.198+/-0.122 χ^2/NDF : 1707267.2/26

eigen_cor_asym_sam1_mean vs Slug, Sign Corrected



Right In: 98.215+/-39.889 χ^2/NDF : 8.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

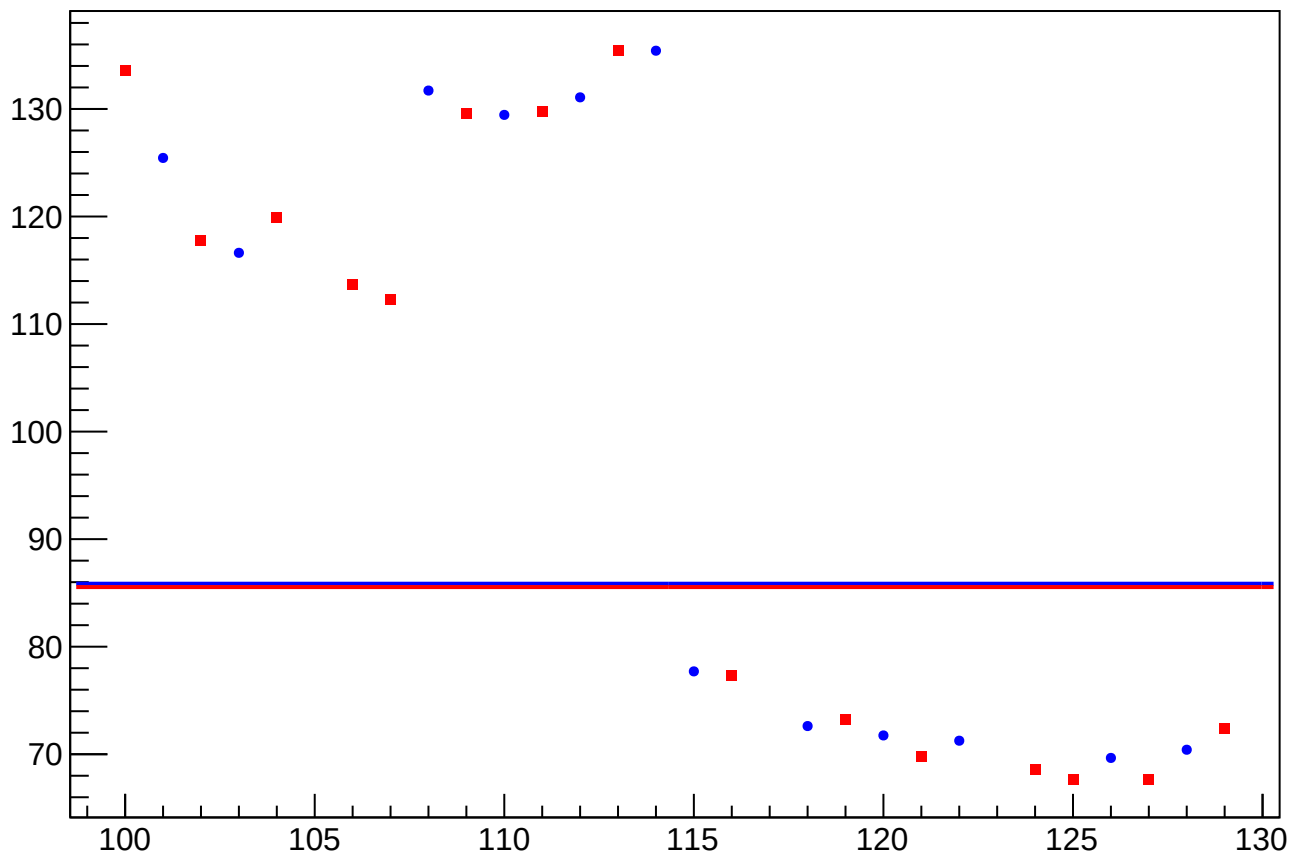
Right: 52.877+/-27.007 χ^2/NDF : 30.9/26

In: 98.215+/-39.889 χ^2/NDF : 8.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.877+/-27.007 χ^2/NDF : 30.9/26

eigen_cor_asym_sam1_rms vs Slug, Sign Corrected



Right In: 85.856+/-0.028 χ^2/NDF : 737564.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

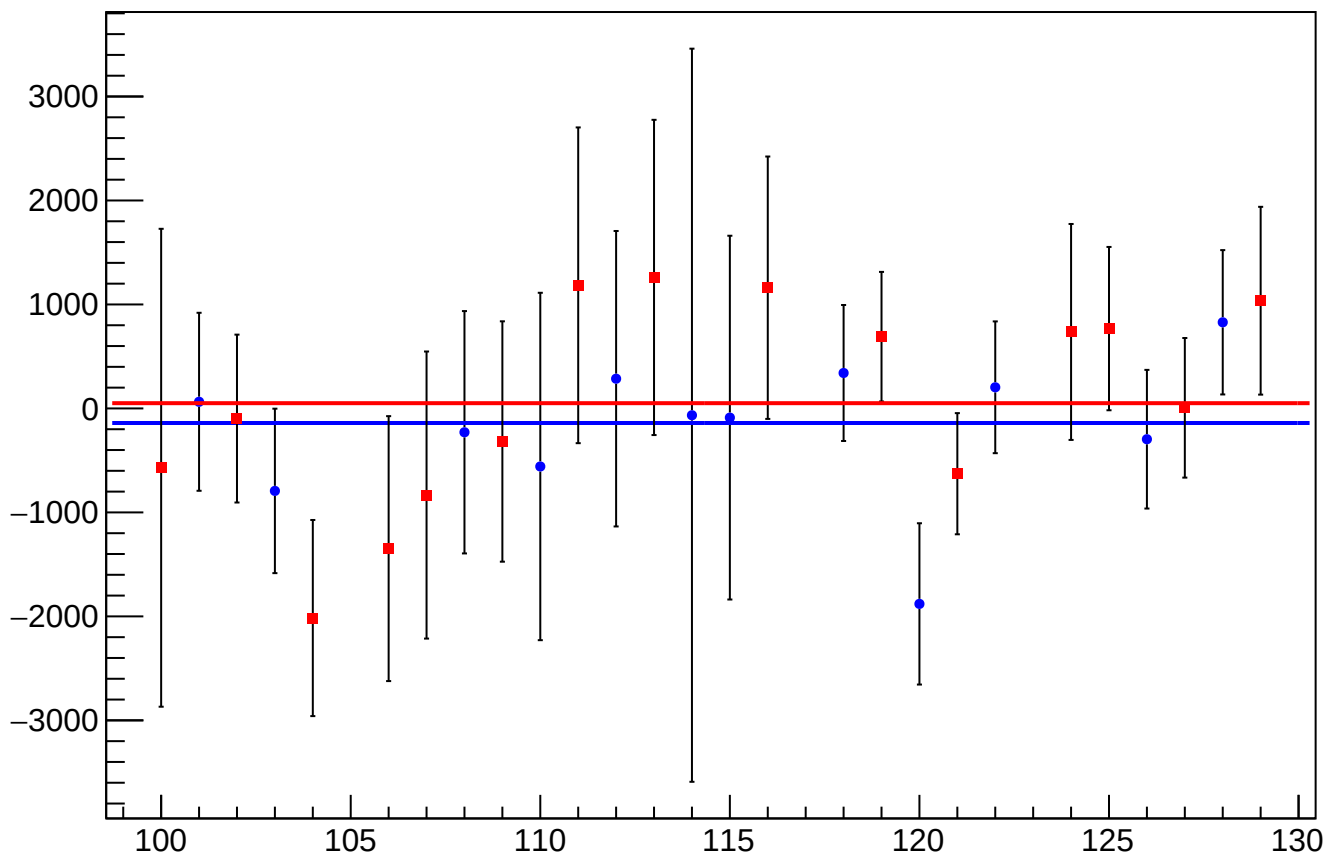
Right: 85.686+/-0.019 χ^2/NDF : 1597915.3/26

In: 85.856+/-0.028 χ^2/NDF : 737564.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.686+/-0.019 χ^2/NDF : 1597915.3/26

asym_sam1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -140.076 $\pm$ 251.768 χ^2 /NDF: 8.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 50.566 $\pm$ 237.378 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

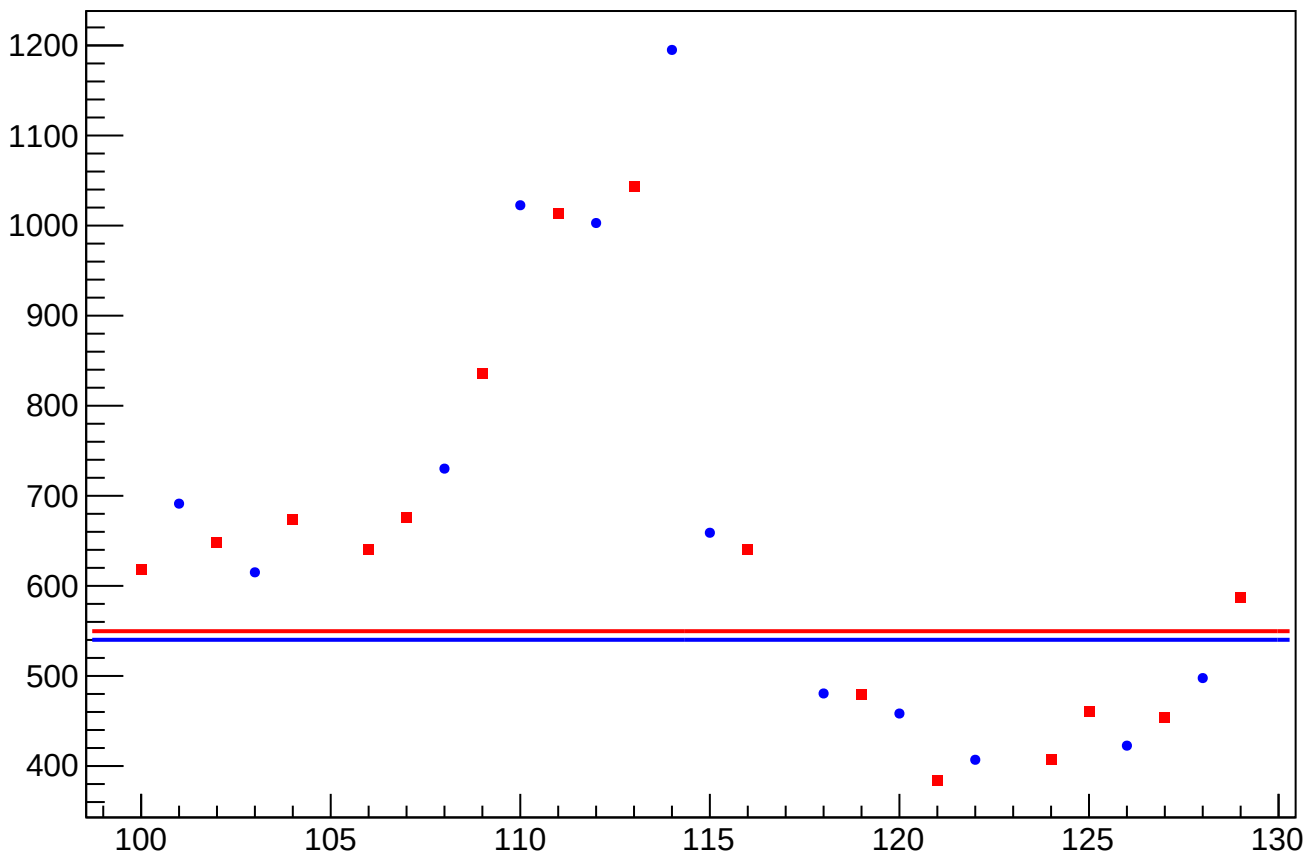
Right: -39.152 $\pm$ 172.715 χ^2 /NDF: 22.5/26

In: -140.076 $\pm$ 251.768 χ^2 /NDF:8.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -39.152 $\pm$ 172.715 χ^2 /NDF: 22.5/26

asym_sam1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 540.141+/-0.178 χ^2/NDF : 787509.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

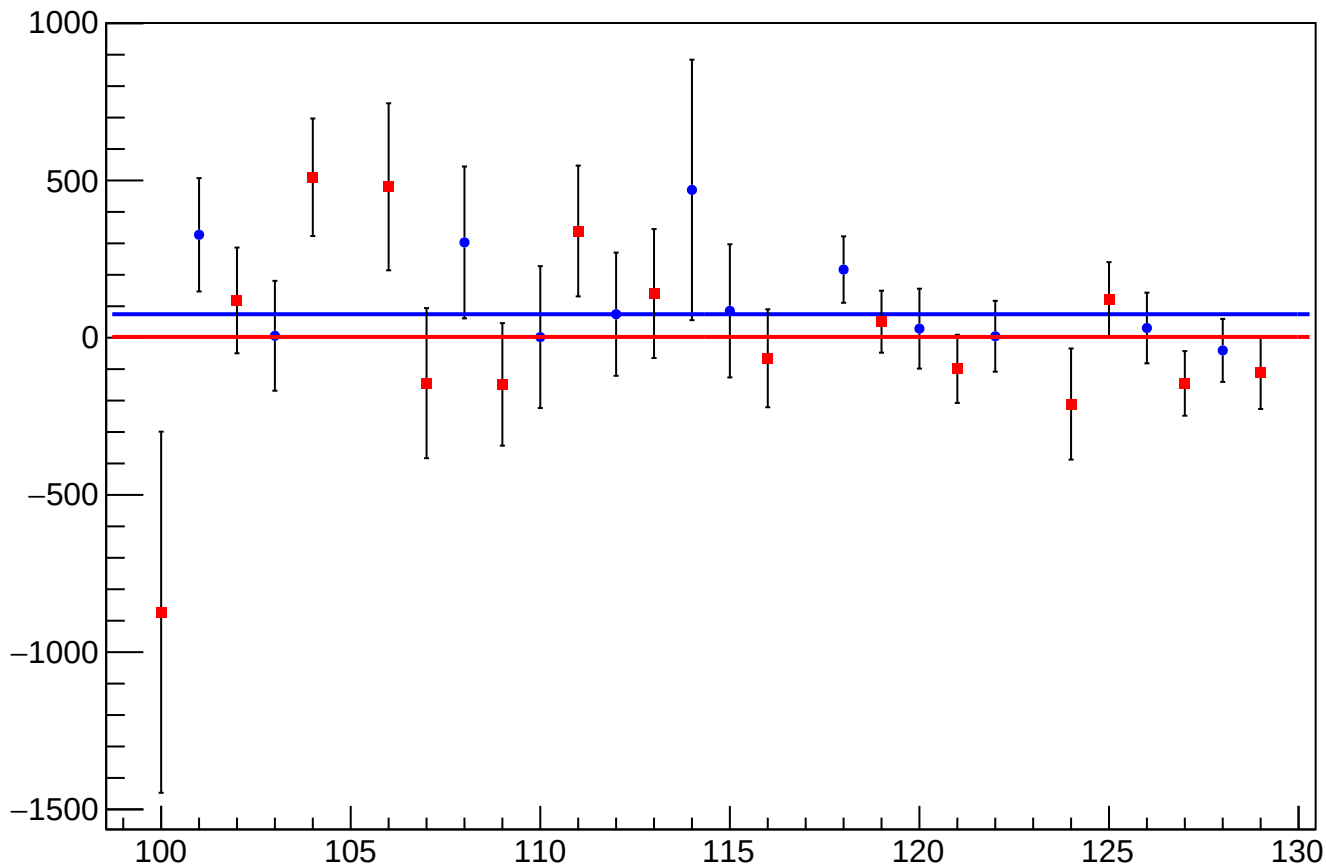
Right: 545.198+/-0.122 χ^2/NDF : 1707267.2/26

In: 540.141+/-0.178 χ^2/NDF : 787509.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 545.198+/-0.122 χ^2/NDF : 1707267.2/26

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 74.664+/-42.117 χ^2/NDF : 7.8/11

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

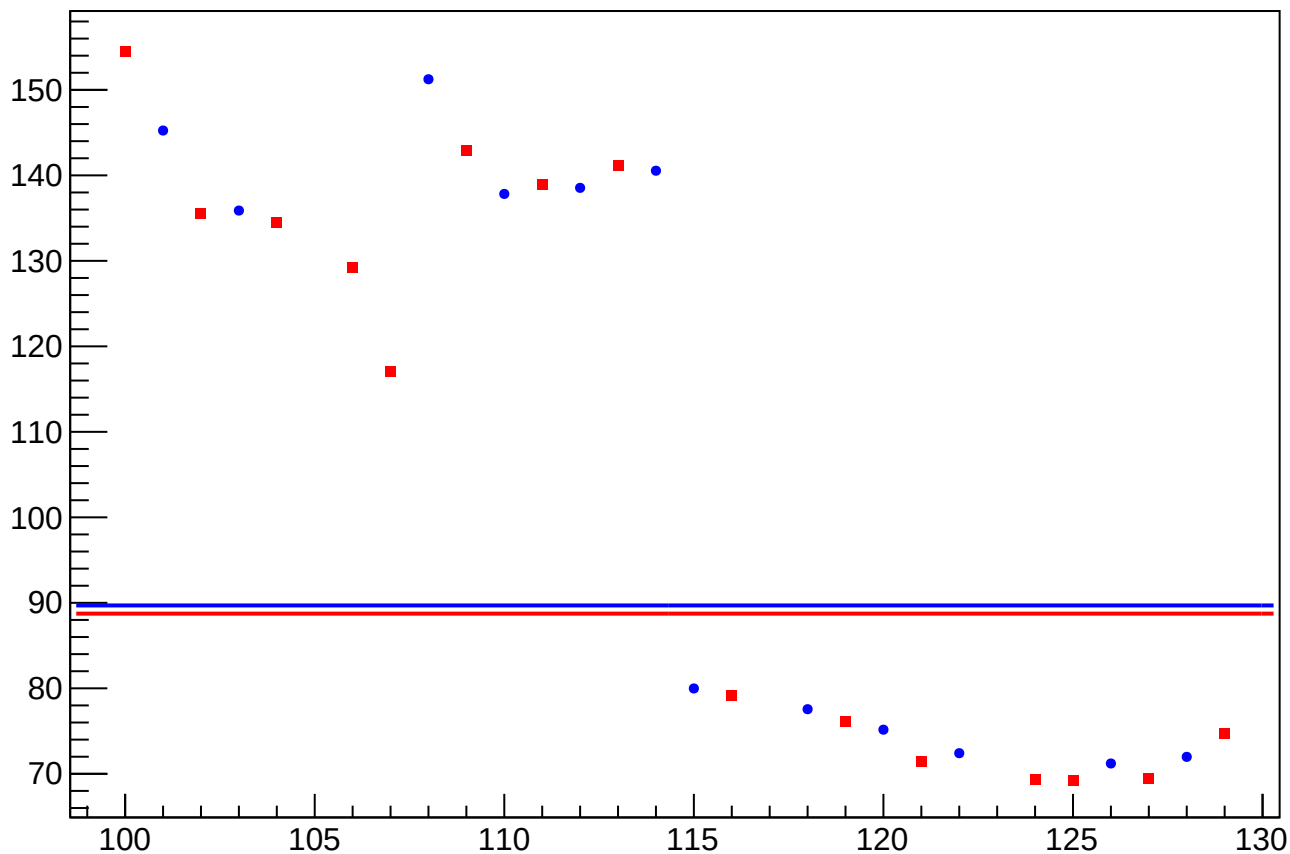
Right: 35.268+/-28.404 χ^2/NDF : 33.8/26

In: 74.664+/-42.117 χ^2/NDF : 7.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.268+/-28.404 χ^2/NDF : 33.8/26

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 89.694+/-0.030 χ^2/NDF : 925670.9/11

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

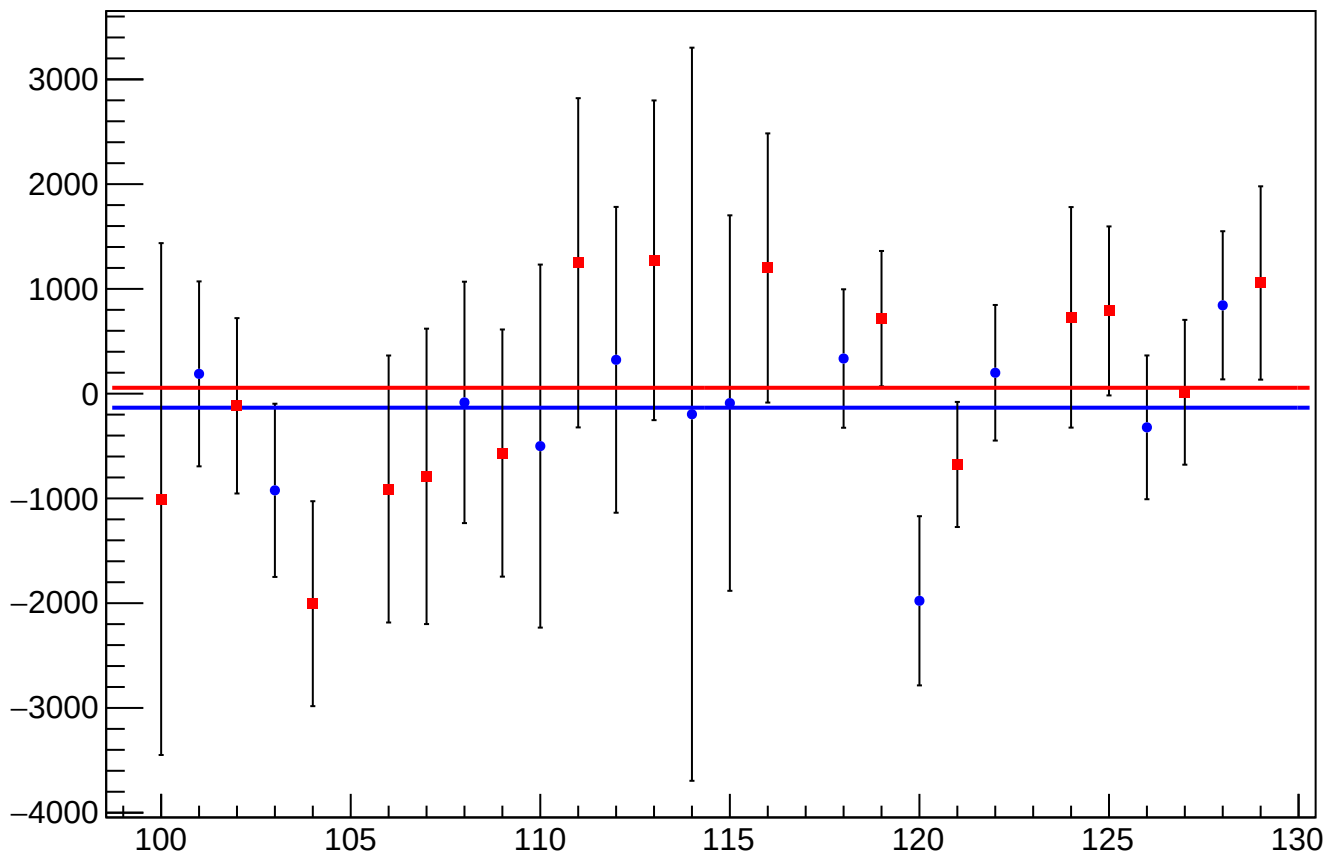
Right: 89.173+/-0.020 χ^2/NDF : 1973683.7/26

In: 89.694+/-0.030 χ^2/NDF : 925670.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.173+/-0.020 χ^2/NDF : 1973683.7/26

asym_sam1_dit_correction_mean vs Slug, Sign Corrected



Right In: -133.987+/-257.943 χ^2/NDF : 9.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

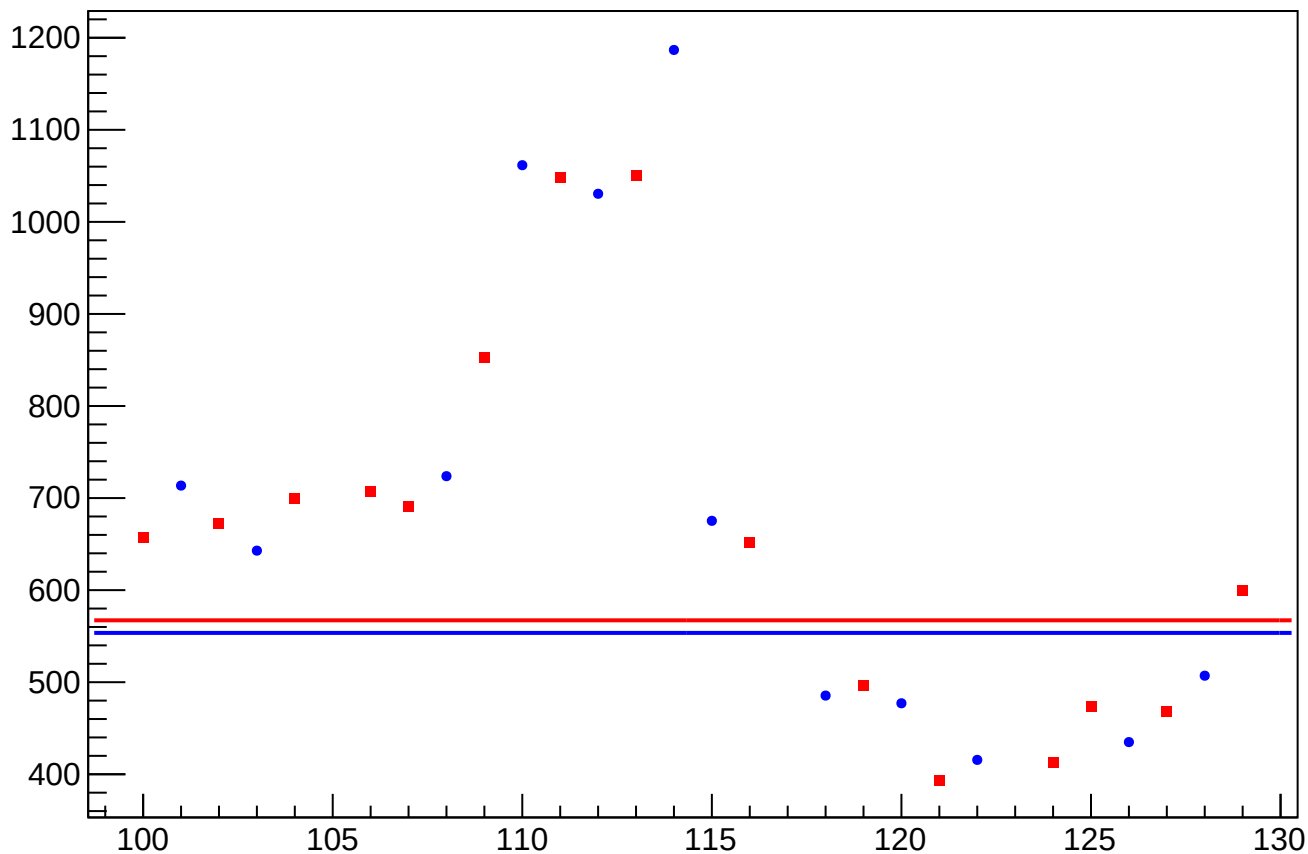
Right: -33.600+/-177.174 χ^2/NDF : 22.3/26

In: -133.987+/-257.943 χ^2/NDF : 9.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.600+/-177.174 χ^2/NDF : 22.3/26

asym_sam1_dit_correction_rms vs Slug, Sign Corrected



Right In: 553.542+/-0.182 χ^2/NDF : 791367.8/11

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

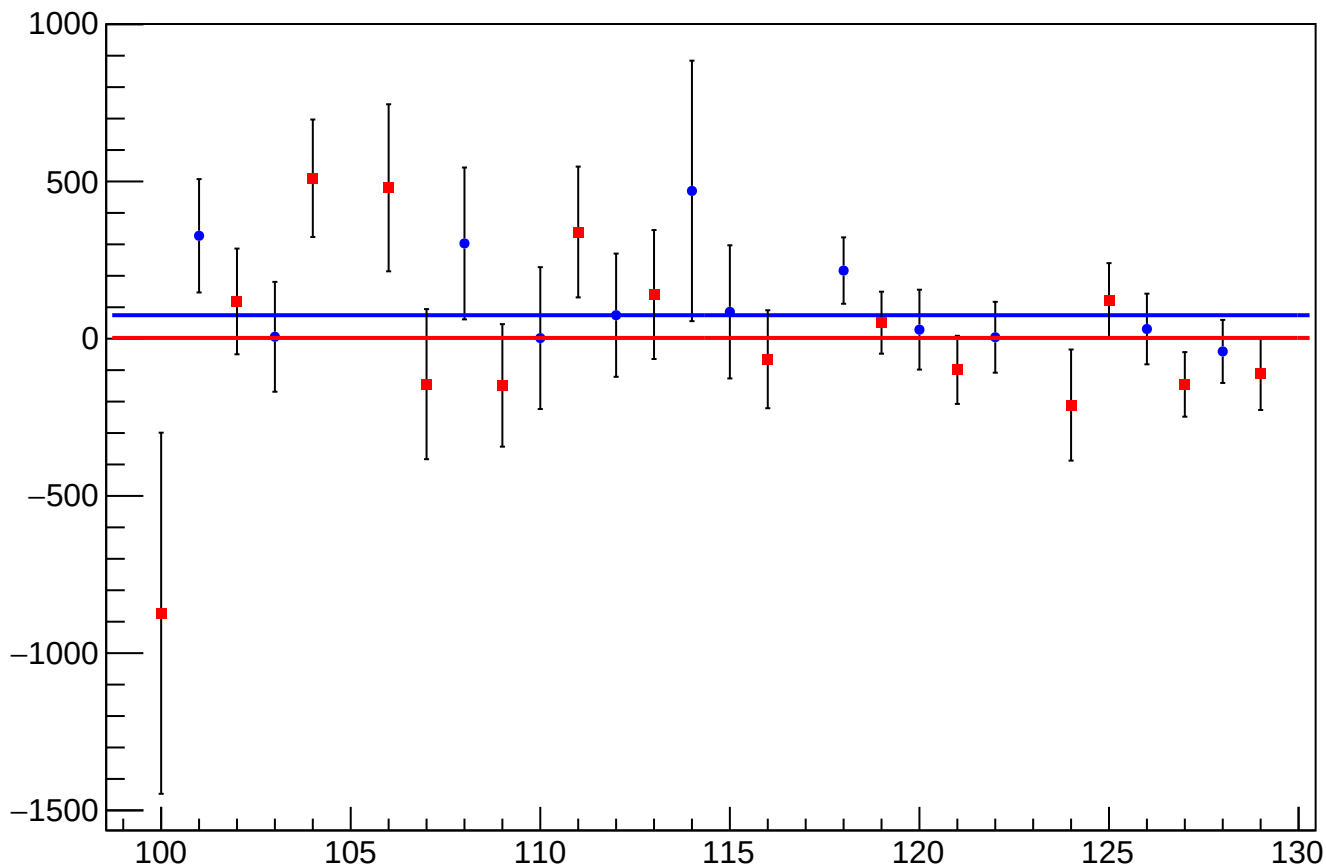
Right: 560.761+/-0.125 χ^2/NDF : 1725400.0/26

In: 553.542+/-0.182 χ^2/NDF : 791367.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 560.761+/-0.125 χ^2/NDF : 1725400.0/26

eigen_dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 74.664 $\pm$ 42.117 χ^2 /NDF: 7.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.399 $\pm$ 38.470 χ^2 /NDF: 24.3/14

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

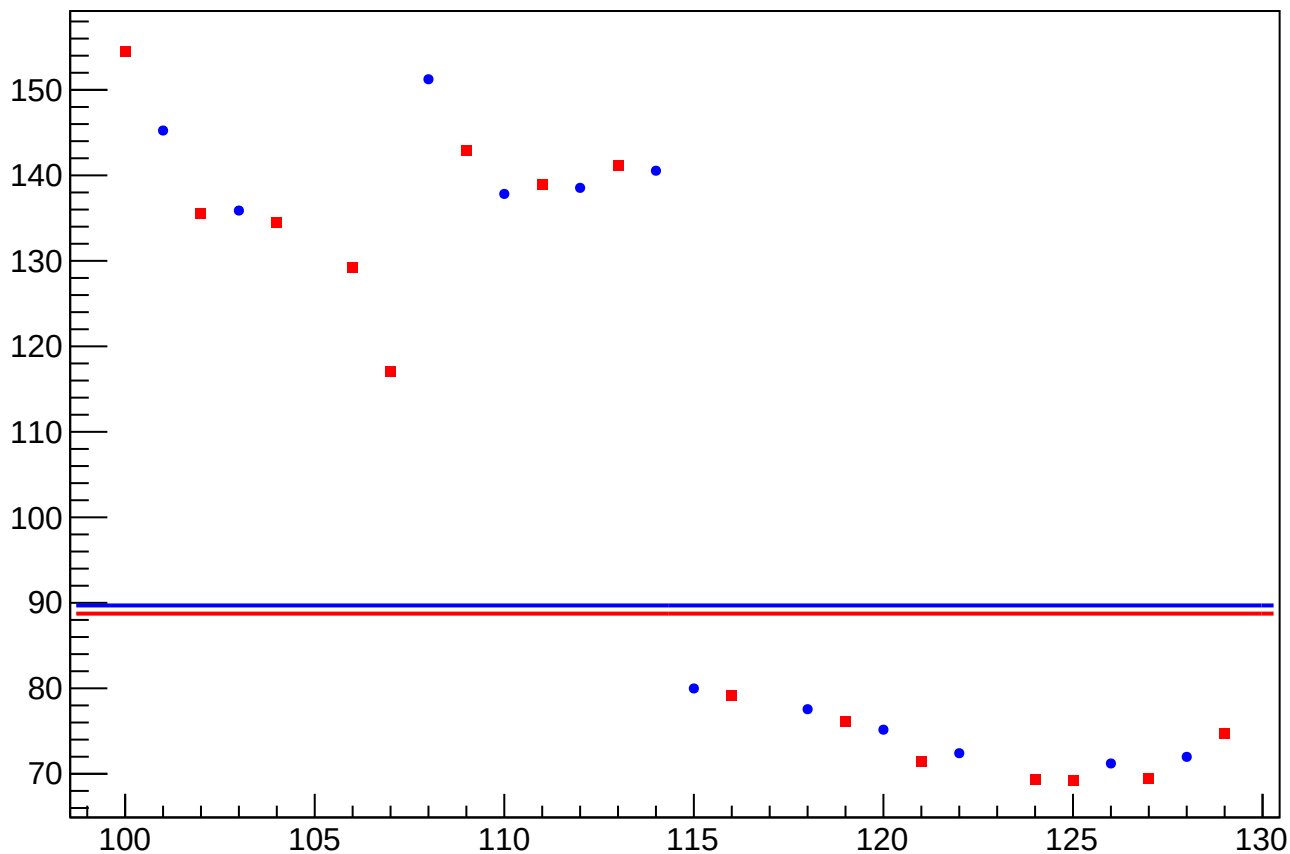
Right: 35.267 $\pm$ 28.404 χ^2 /NDF: 33.8/26

In: 74.664 $\pm$ 42.117 χ^2 /NDF:7.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 35.267 $\pm$ 28.404 χ^2 /NDF: 33.8/26

eigen_dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 89.694+/-0.030 χ^2/NDF : 925671.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

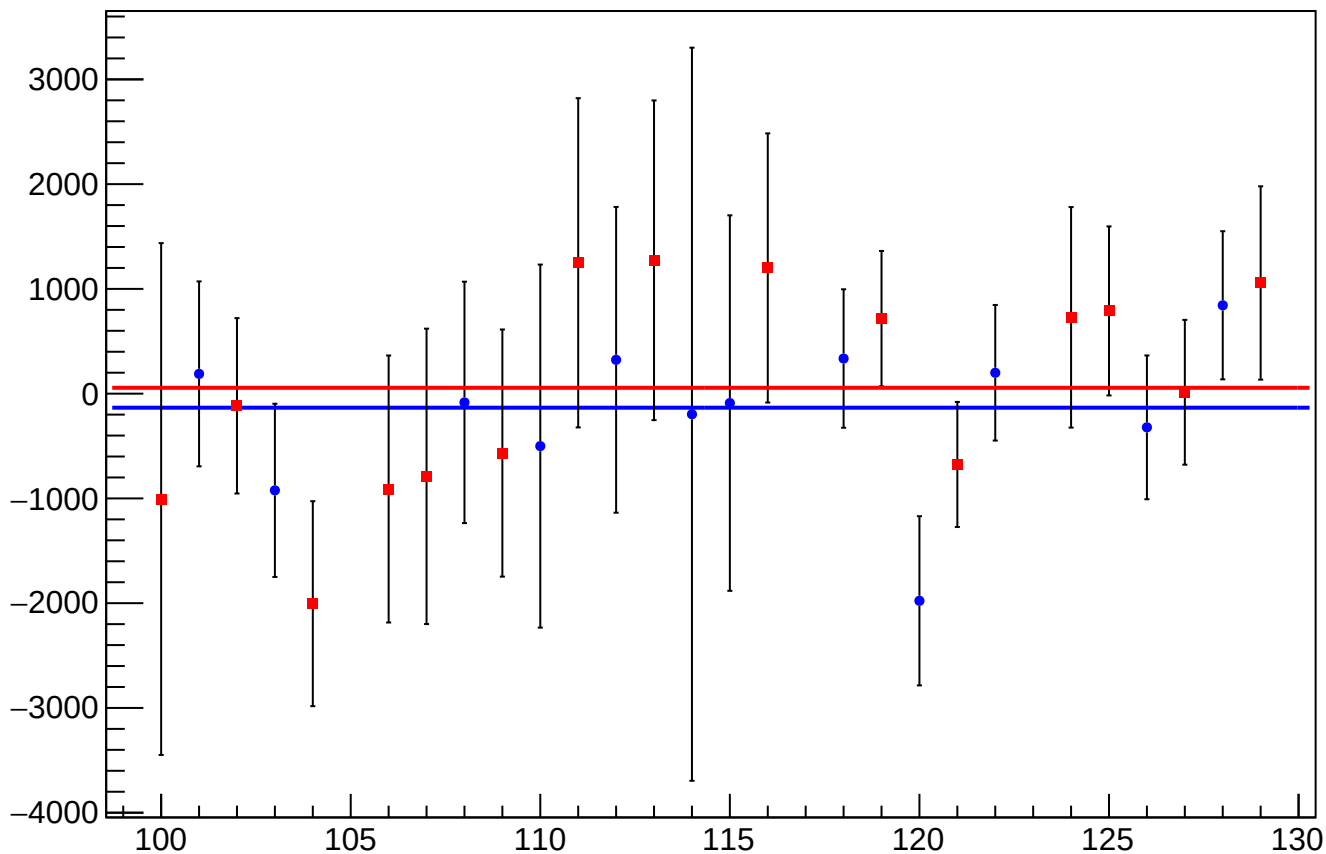
Right: 89.173+/-0.020 χ^2/NDF : 1973683.5/26

In: 89.694+/-0.030 χ^2/NDF : 925671.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.173+/-0.020 χ^2/NDF : 1973683.5/26

asym_sam1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -133.987+/-257.943 χ^2/NDF : 9.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

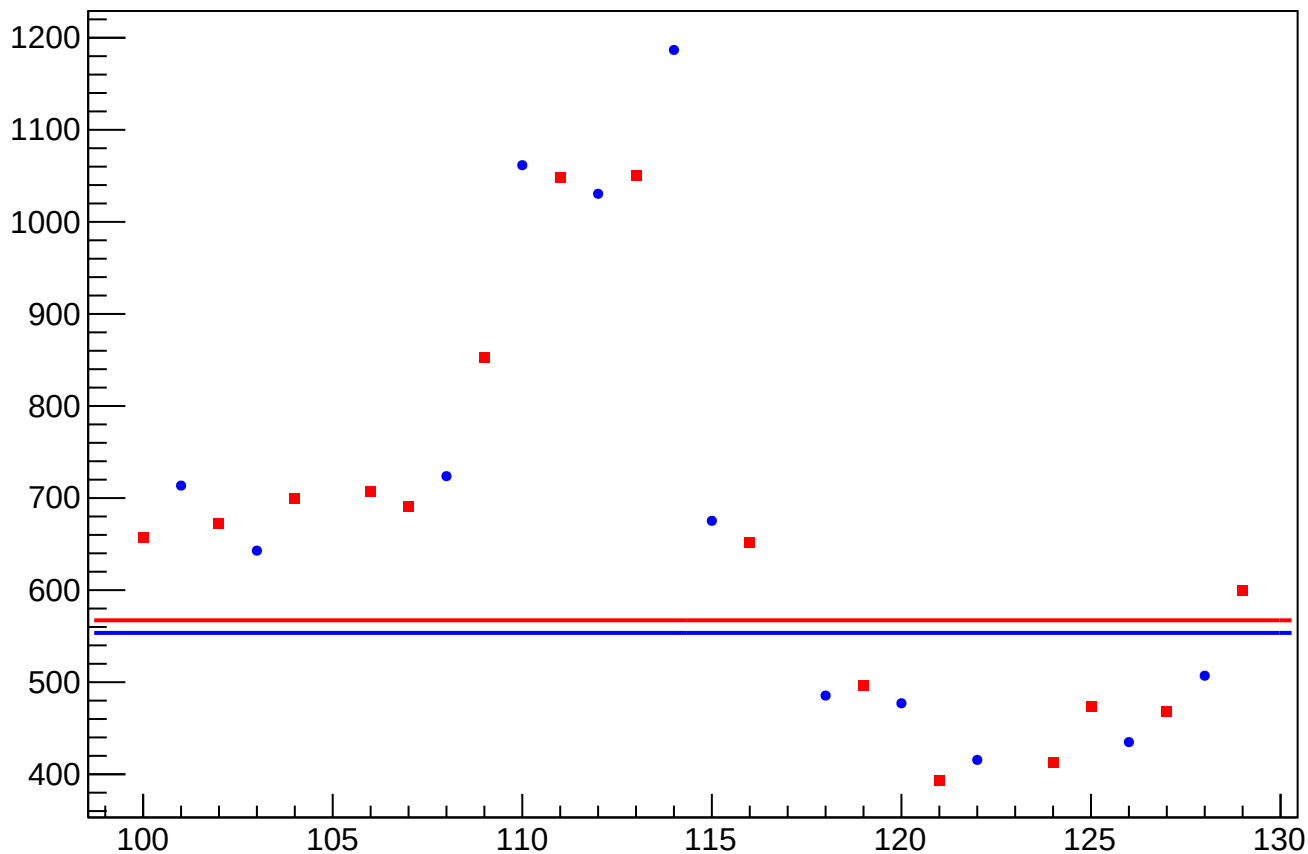
Right: -33.601+/-177.173 χ^2/NDF : 22.3/26

In: -133.987+/-257.943 χ^2/NDF : 9.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.601+/-177.173 χ^2/NDF : 22.3/26

asym_sam1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 553.541+/-0.182 χ^2/NDF : 791368.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

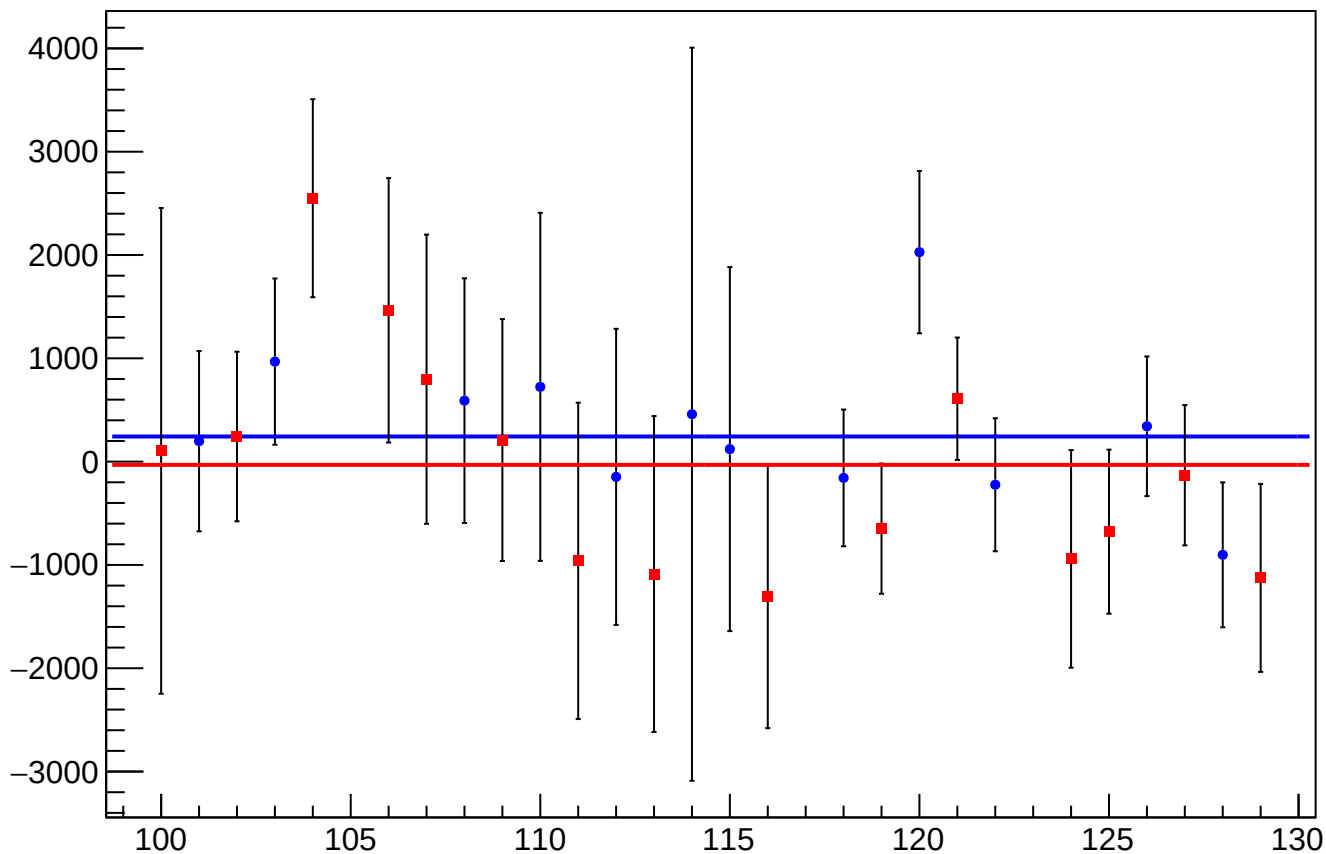
Right: 560.760+/-0.125 χ^2/NDF : 1725402.5/26

In: 553.541+/-0.182 χ^2/NDF : 791368.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 560.760+/-0.125 χ^2/NDF : 1725402.5/26

asym_sam1_mean vs Slug, Sign Corrected



Right In: 243.246 $\pm$ 255.197 χ^2 /NDF: 9.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -31.333 $\pm$ 240.370 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

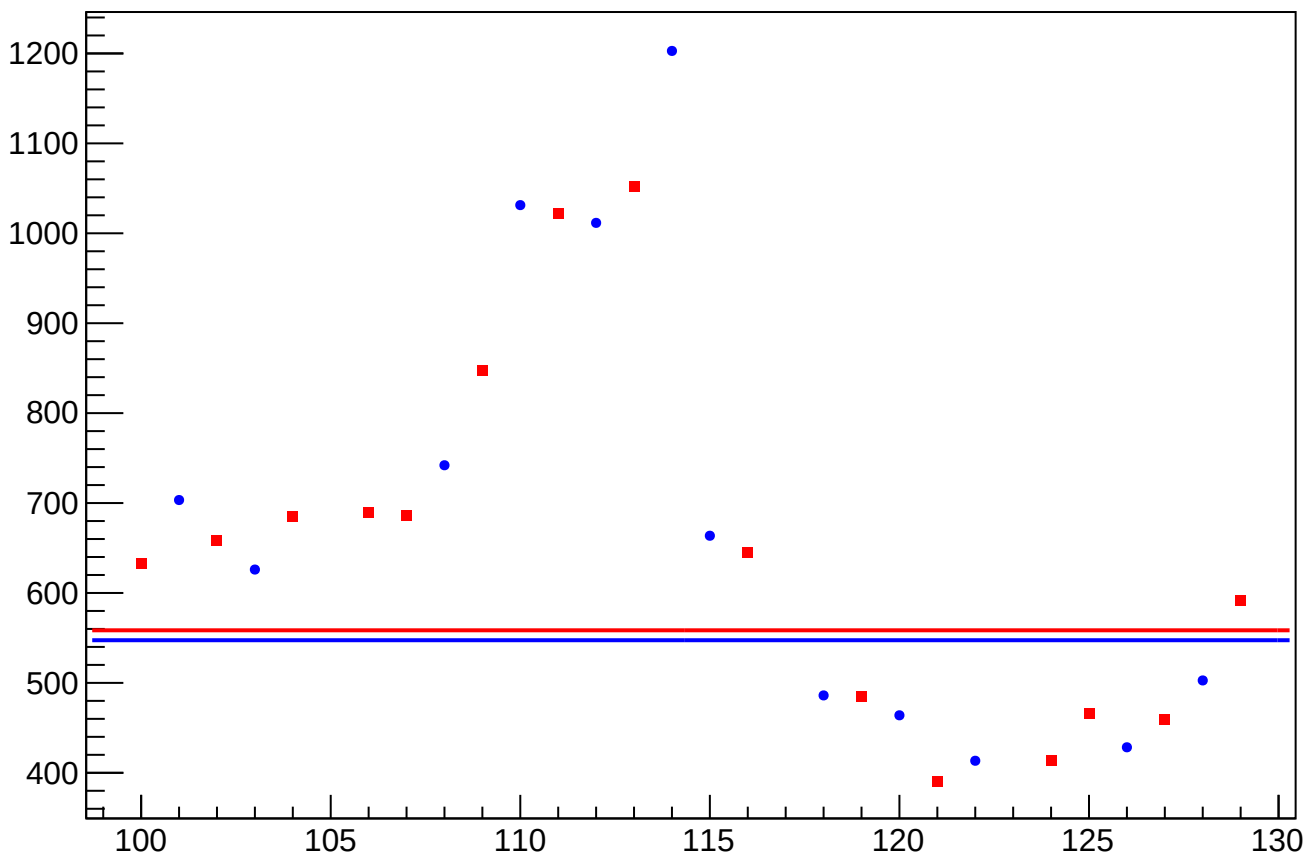
Right: 97.749 $\pm$ 174.974 χ^2 /NDF: 26.4/26

In: 243.246 $\pm$ 255.197 χ^2 /NDF:9.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 97.749 $\pm$ 174.974 χ^2 /NDF: 26.4/26

asym_sam1_rms vs Slug, Sign Corrected



Right In: 547.443+/-0.180 χ^2/NDF : 785418.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

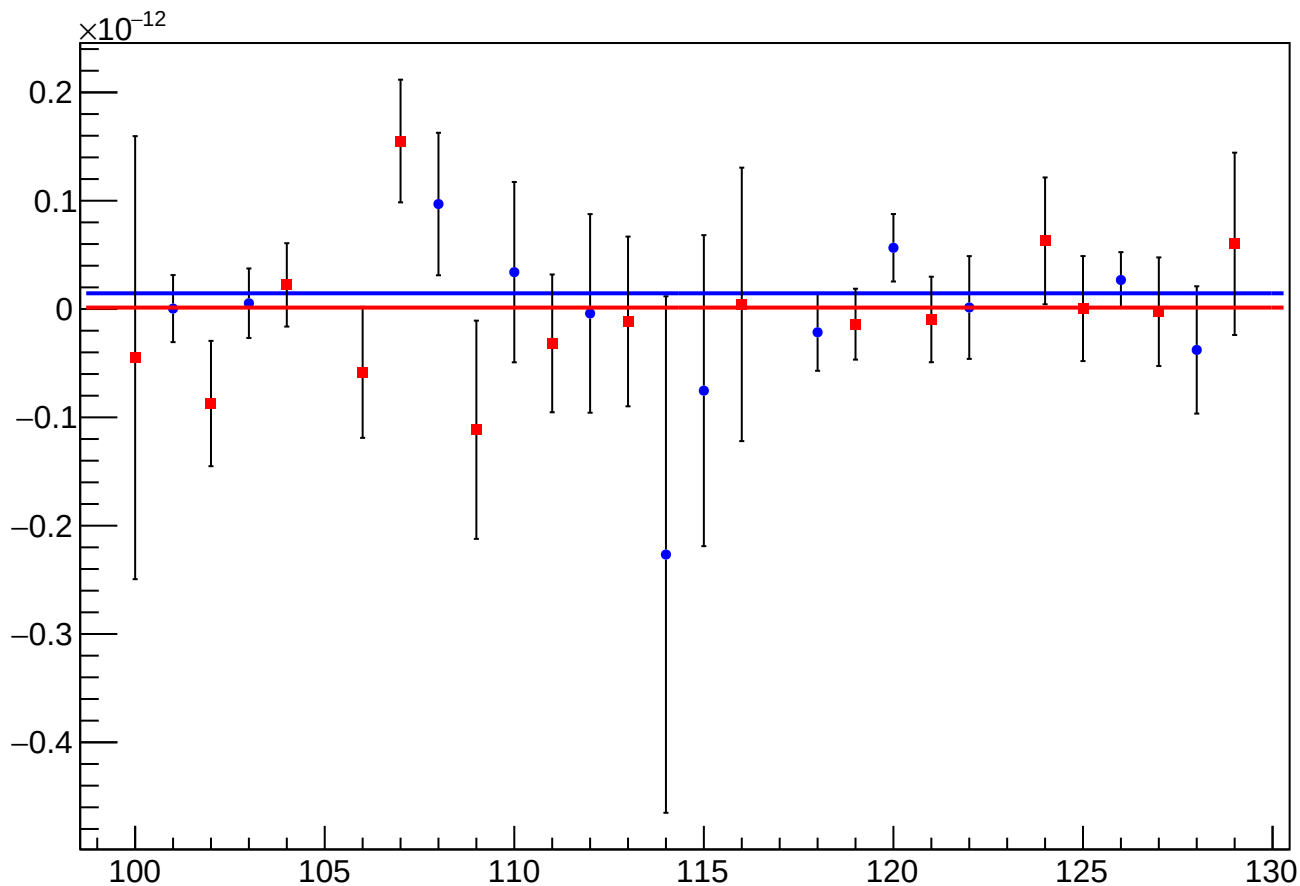
Right: 553.292+/-0.124 χ^2/NDF : 1712721.4/26

In: 547.443+/-0.180 χ^2/NDF : 785418.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 553.292+/-0.124 χ^2/NDF : 1712721.4/26

asym_sam1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

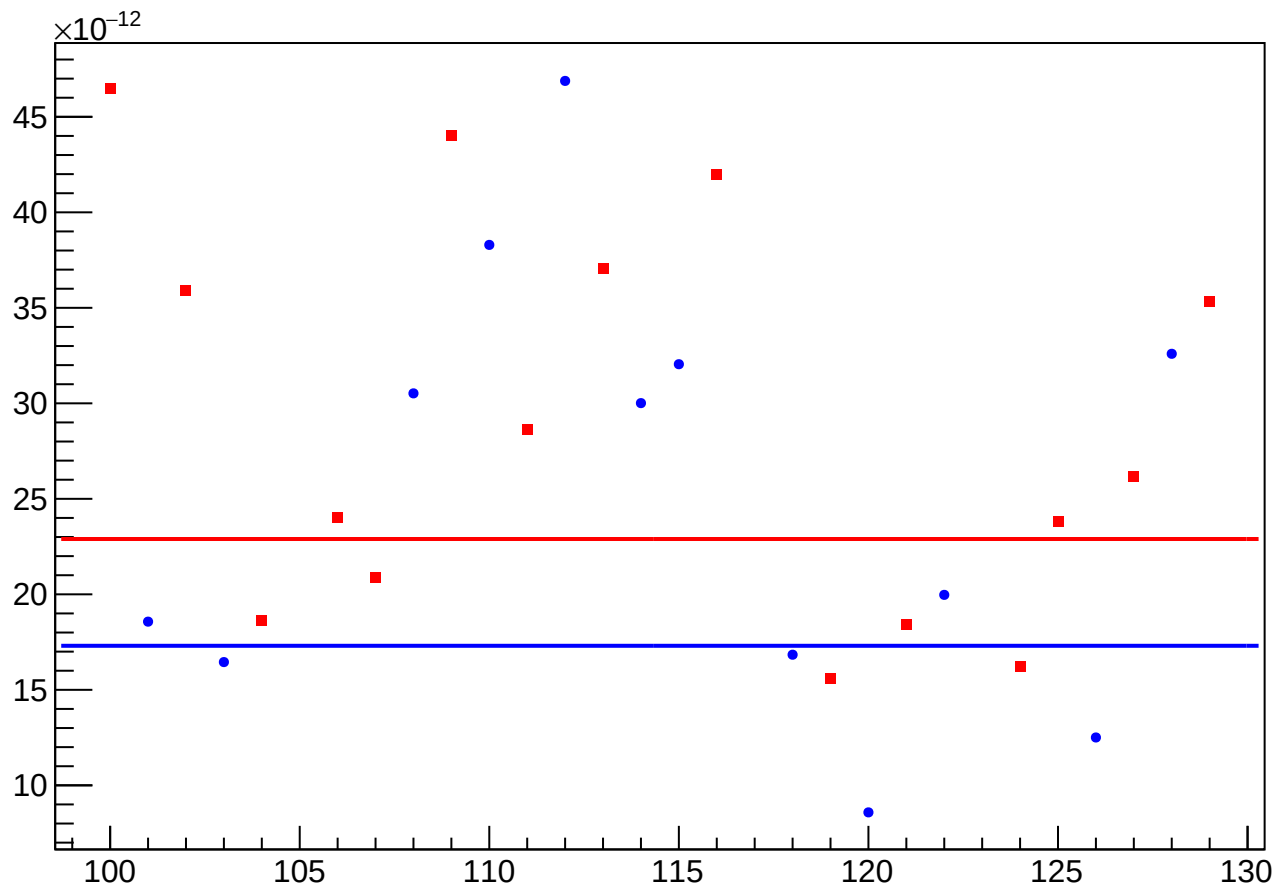
Right: 0.000+/-0.000 χ^2/NDF : 22.3/26

In: 0.000+/-0.000 χ^2/NDF : 7.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.3/26

asym_sam1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 816299.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

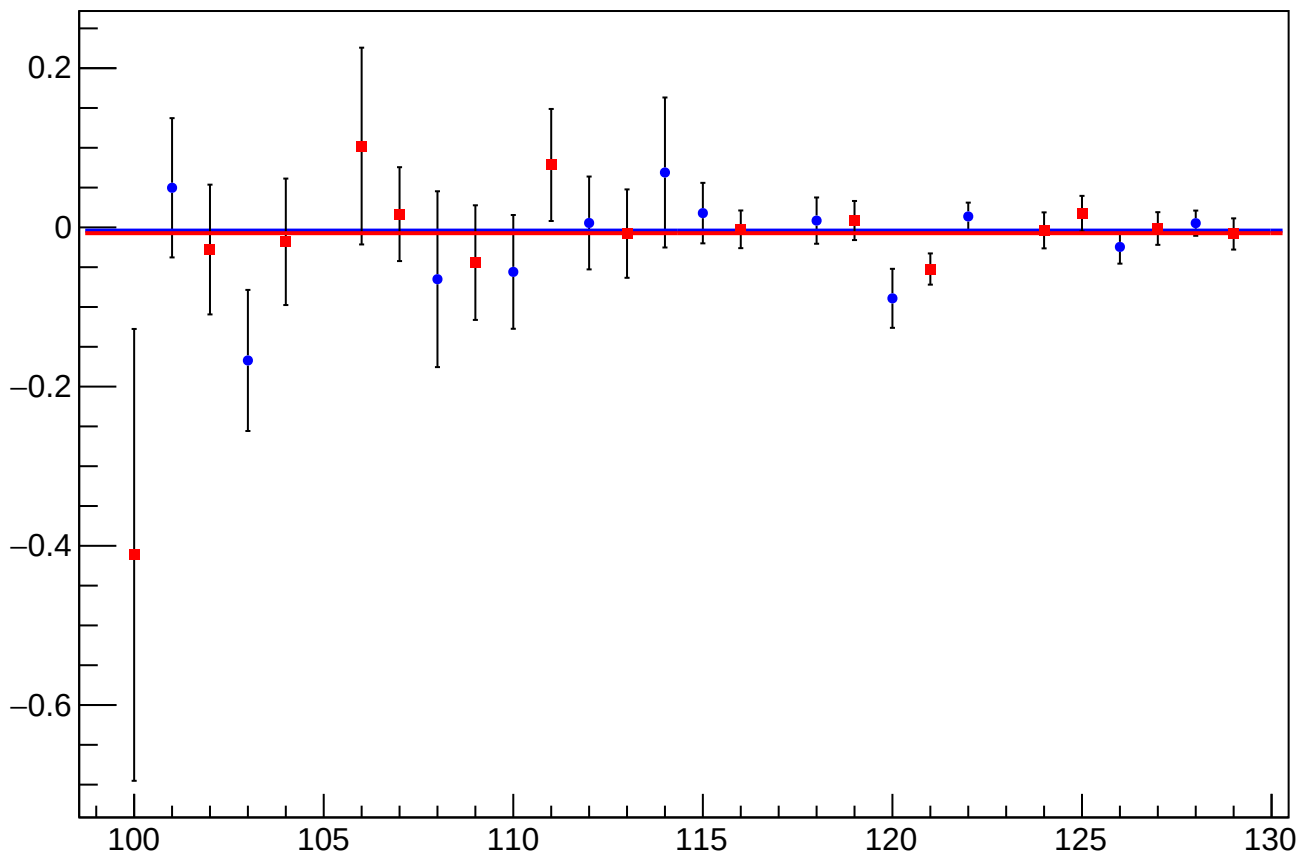
Right: 0.000+/-0.000 χ^2/NDF : 1570352.6/26

In: 0.000+/-0.000 χ^2/NDF : 816299.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1570352.6/26

asym_sam1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004+/-0.009 χ^2/NDF : 13.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.007+/-0.008 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

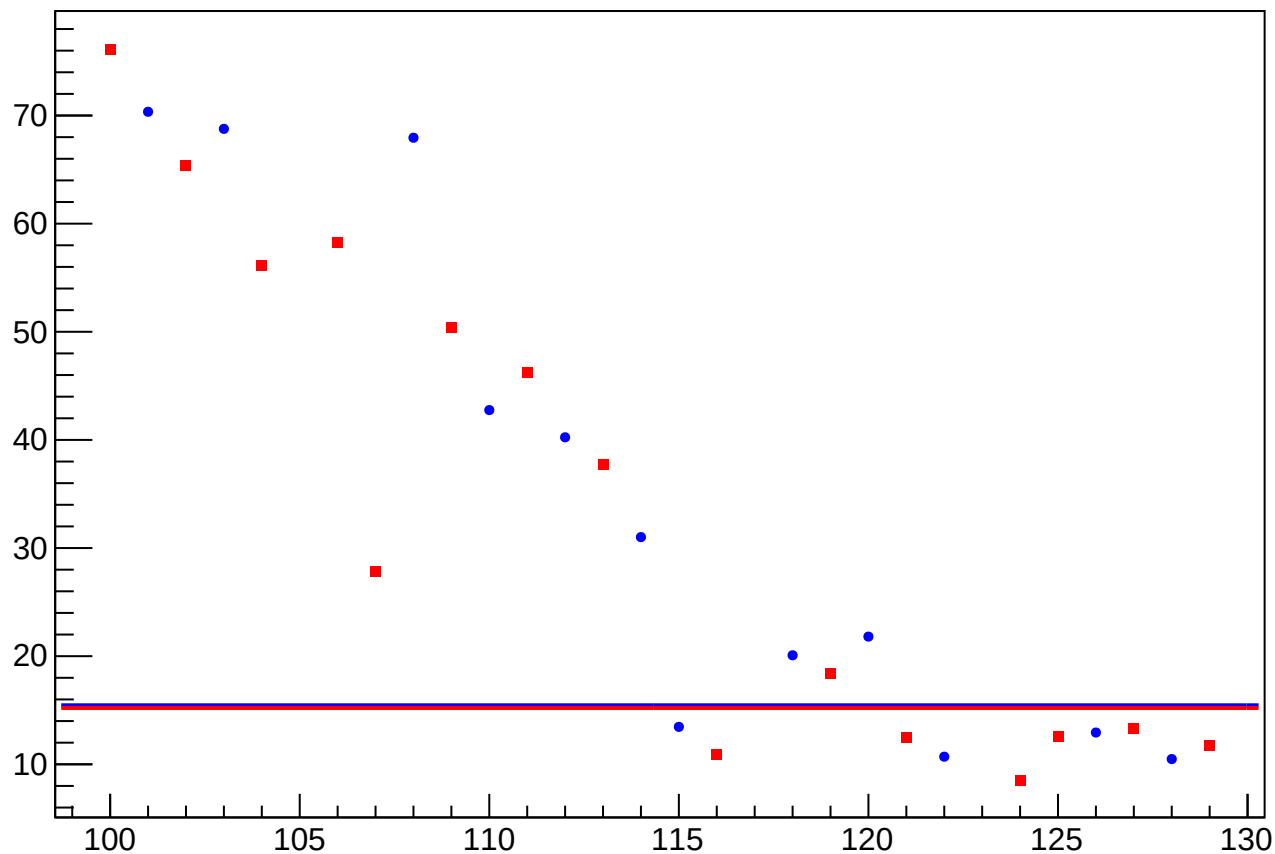
Right: -0.006+/-0.006 χ^2/NDF : 25.3/26

In: -0.004+/-0.009 χ^2/NDF : 13.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.006 χ^2/NDF : 25.3/26

asym_sam1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 15.458+/-0.006 χ^2/NDF : 3161695.3/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 15.209+/-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

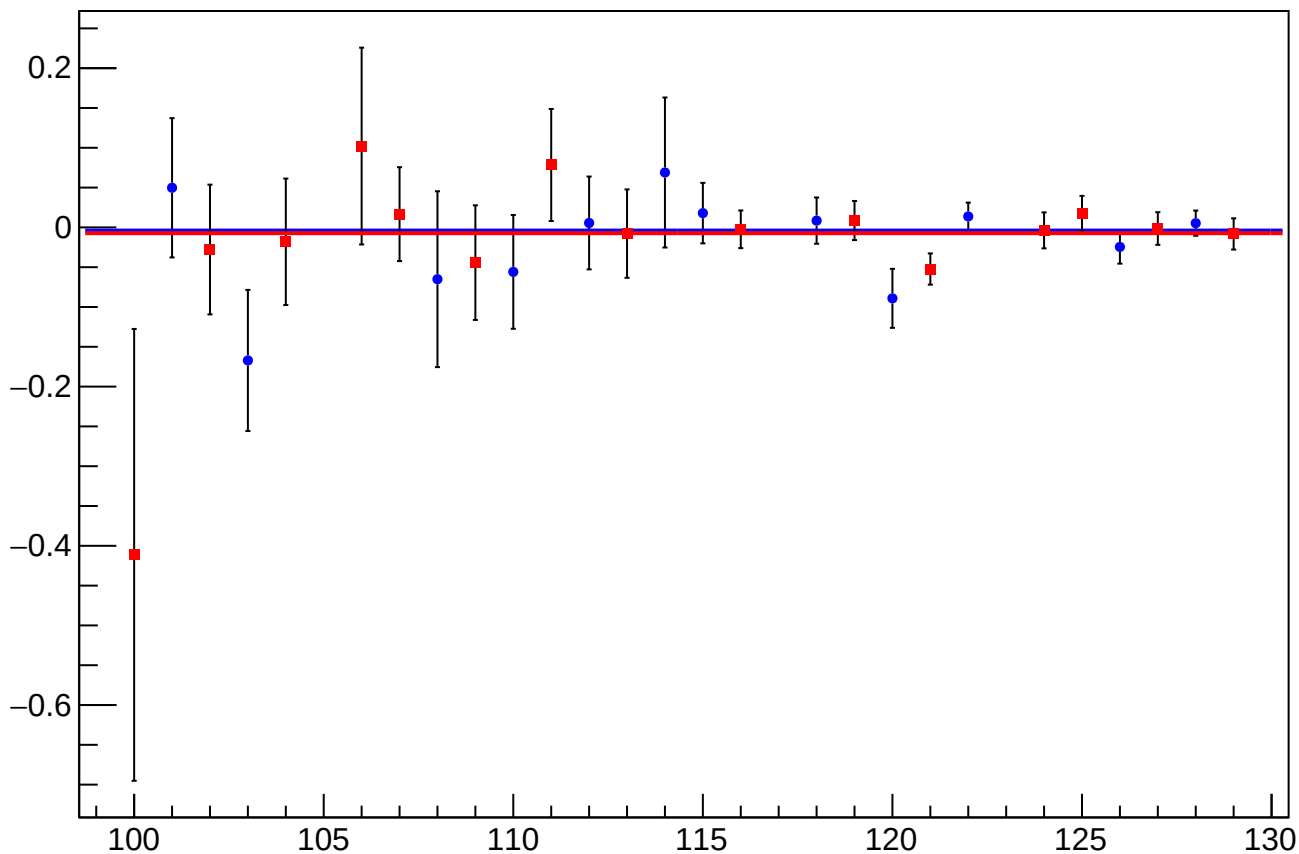
Right: 15.320+/-0.004 χ^2/NDF : 6494889.9/26

In: 15.458+/-0.006 χ^2/NDF :3161695.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 15.320+/-0.004 χ^2/NDF : 6494889.9/26

asym_sam1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004+/-0.009 χ^2/NDF : 13.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.007+/-0.008 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

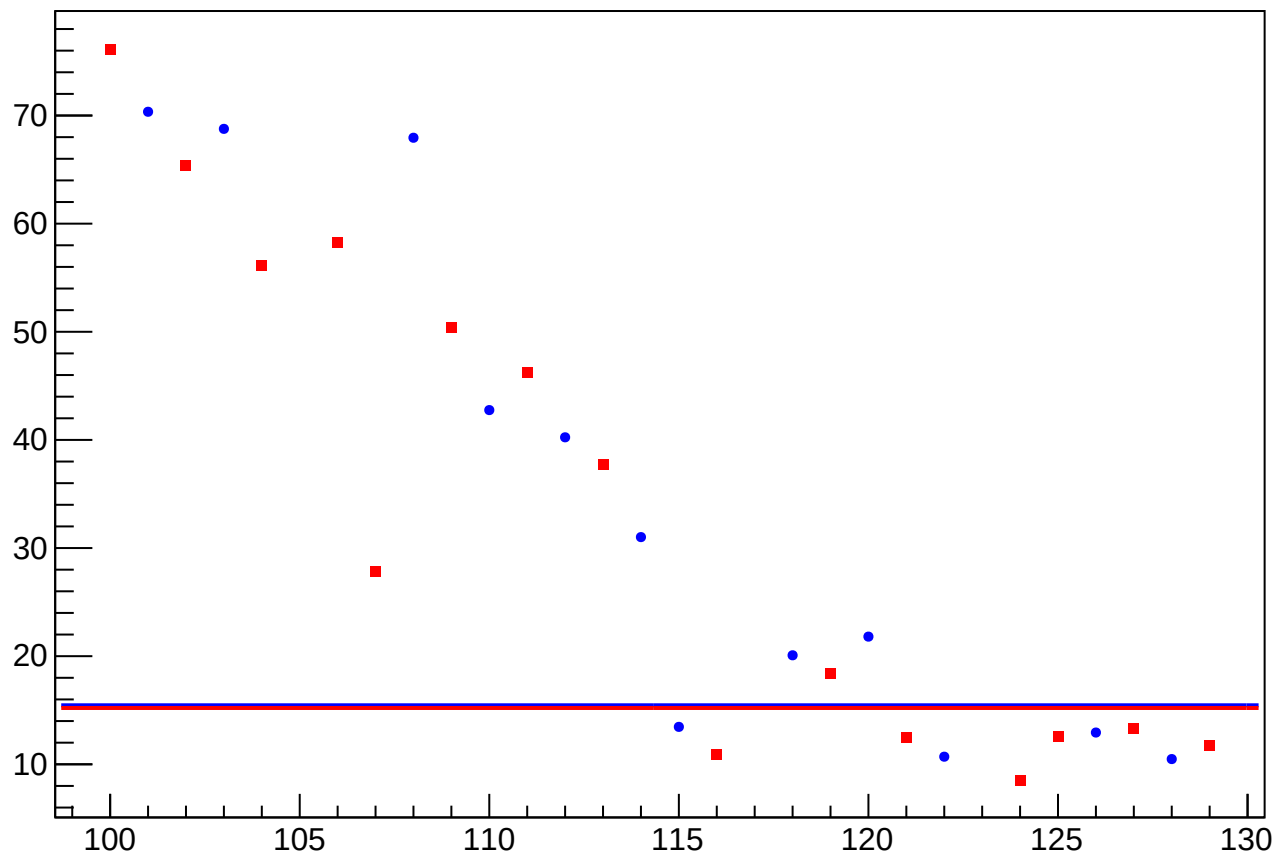
Right: -0.006+/-0.006 χ^2/NDF : 25.3/26

In: -0.004+/-0.009 χ^2/NDF : 13.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.006 χ^2/NDF : 25.3/26

asym_sam1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 15.458+/-0.006 χ^2/NDF : 3161695.3/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 15.209+/-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

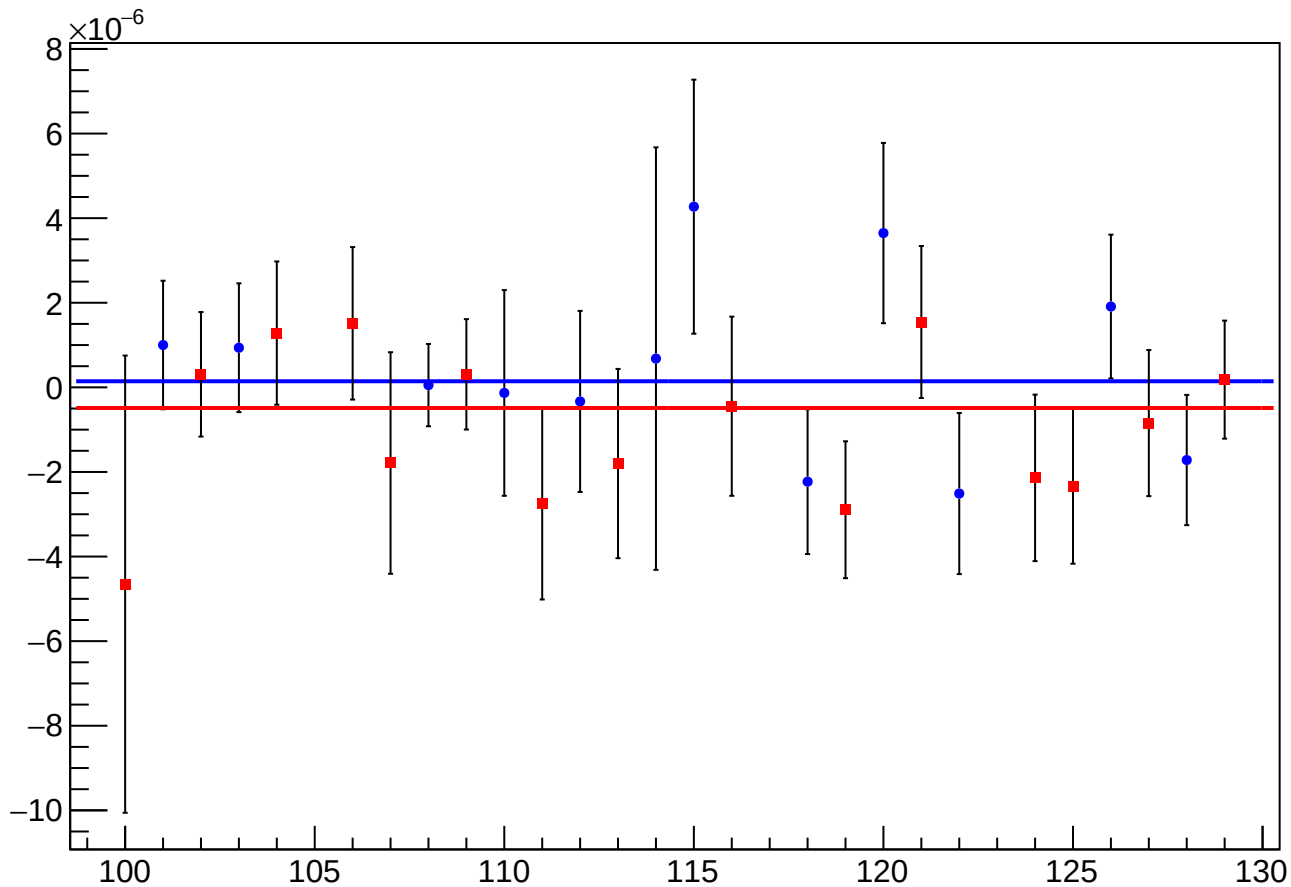
Right: 15.320+/-0.004 χ^2/NDF : 6494889.9/26

In: 15.458+/-0.006 χ^2/NDF :3161695.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 15.320+/-0.004 χ^2/NDF : 6494889.9/26

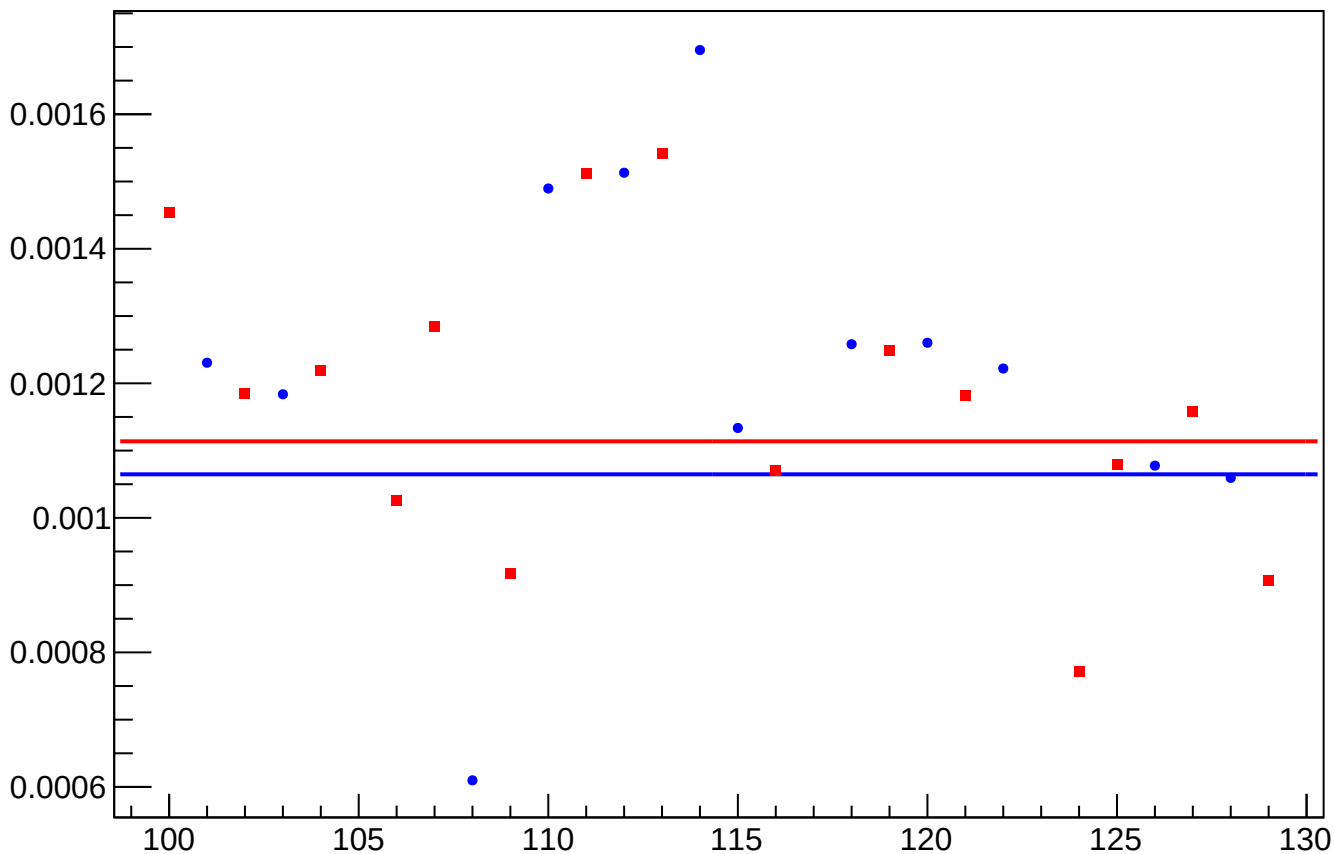
asym_sam1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.7/11
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 10.7/14
 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 : 23.2/26
 In: 0.000+/-0.000 χ^2/NDF : 11.7/11
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 23.2/26

asym_sam1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 711161.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 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

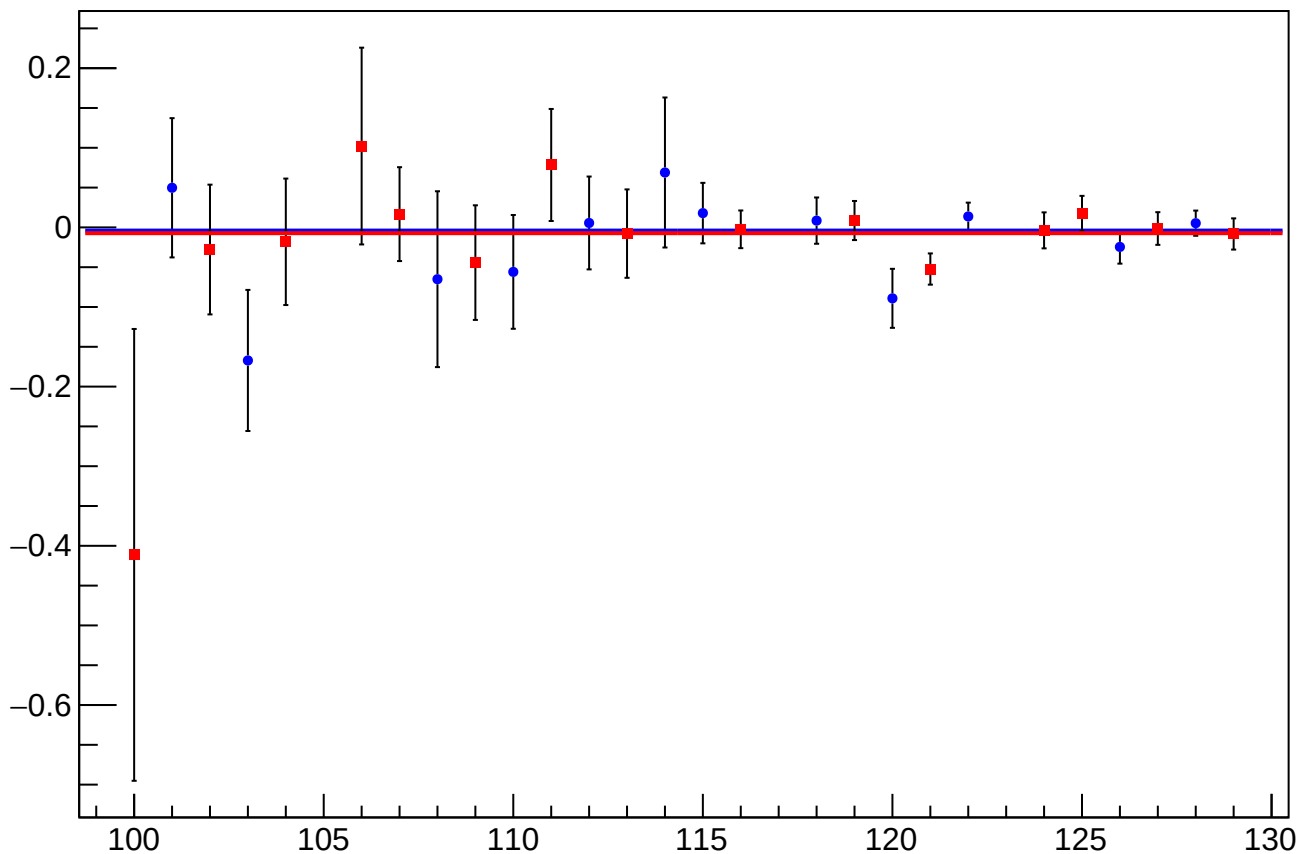
Right: 0.001+/-0.000 χ^2/NDF : 1060003.0/26

In: 0.001+/-0.000 χ^2/NDF : 711161.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1060003.0/26

asym_sam1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 ± 0.009 χ^2/NDF : 13.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.007 ± 0.008 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

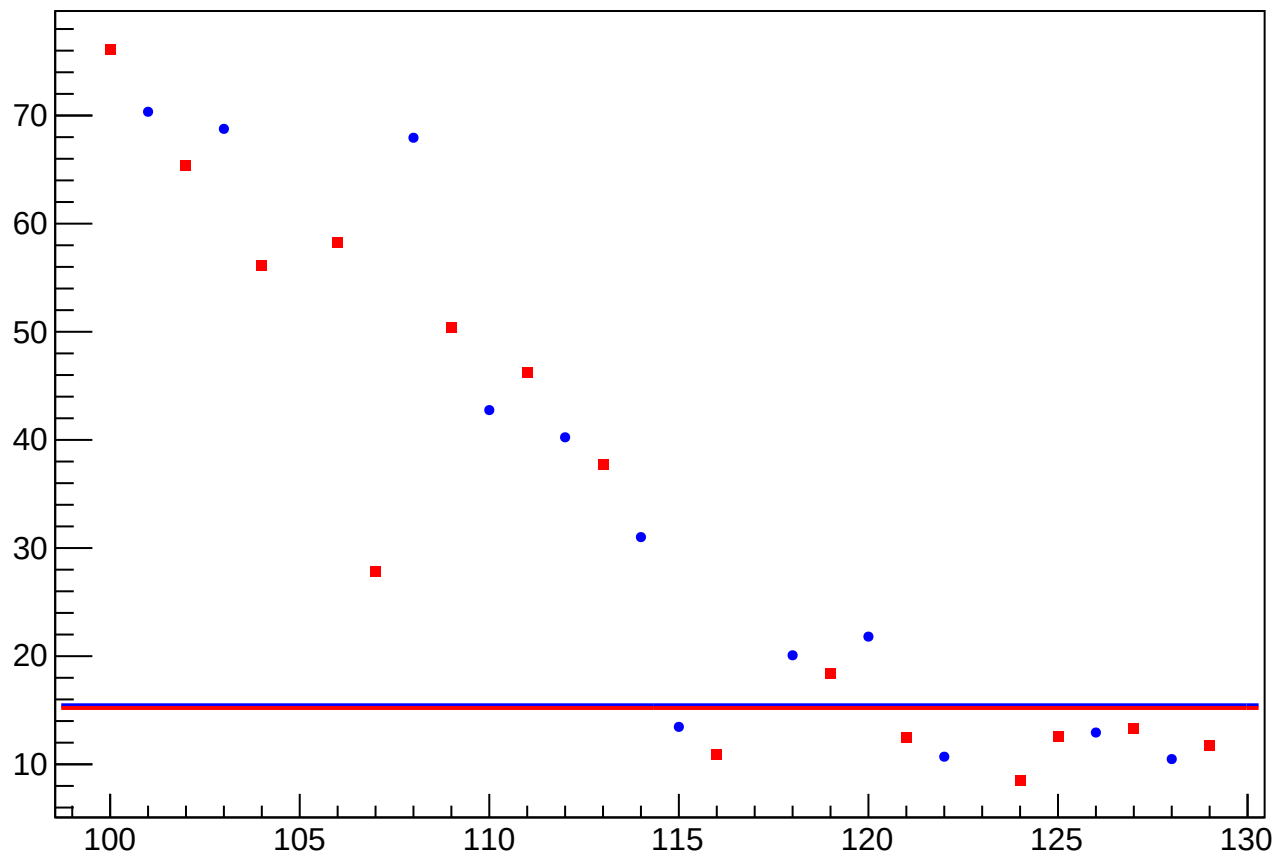
Right: -0.006 ± 0.006 χ^2/NDF : 25.3/26

In: -0.004 ± 0.009 χ^2/NDF : 13.4/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.006 ± 0.006 χ^2/NDF : 25.3/26

asym_sam1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 15.457+/-0.006 χ^2/NDF : 3161738.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 15.209+/-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

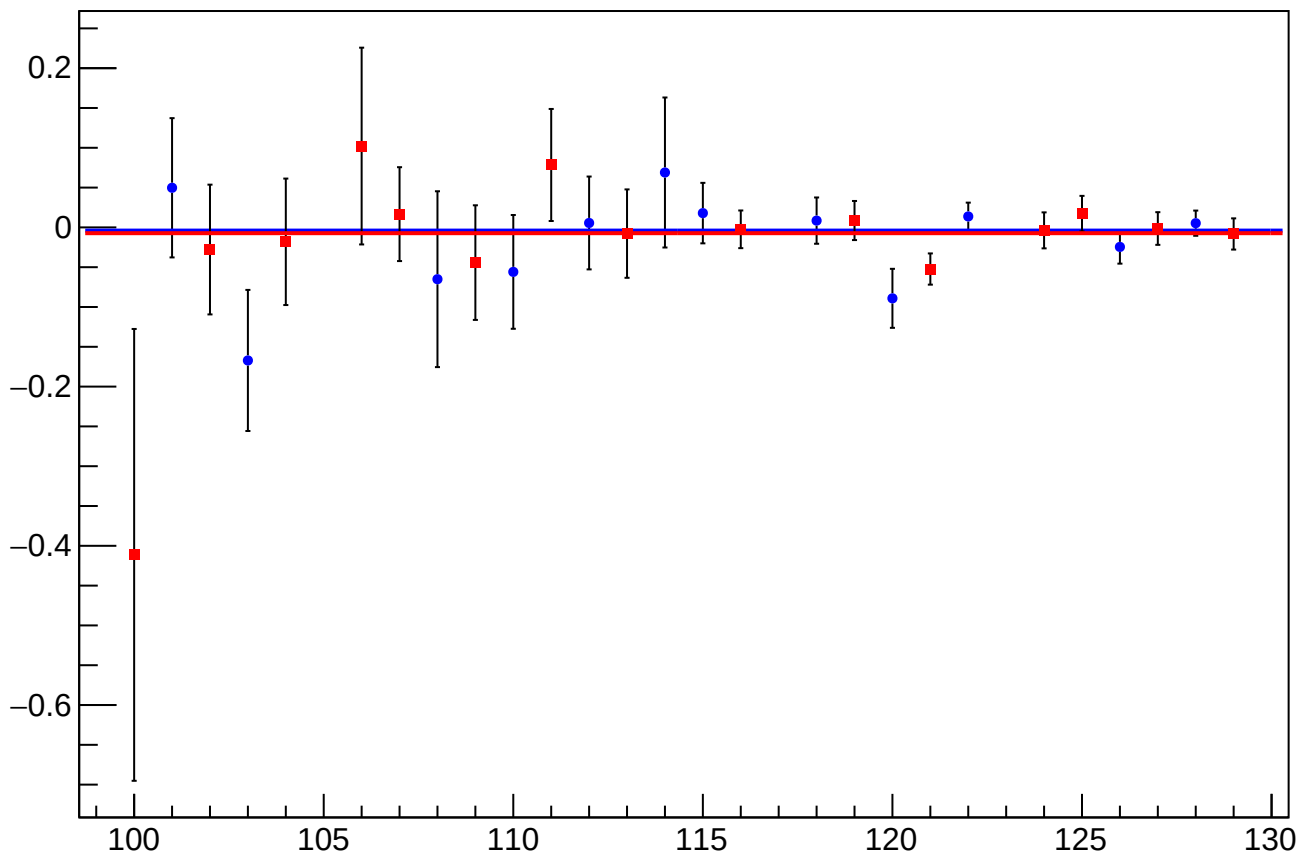
Right: 15.319+/-0.004 χ^2/NDF : 6494946.8/26

In: 15.457+/-0.006 χ^2/NDF :3161738.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 15.319+/-0.004 χ^2/NDF : 6494946.8/26

asym_sam1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004+/-0.009 χ^2/NDF : 13.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.007+/-0.008 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

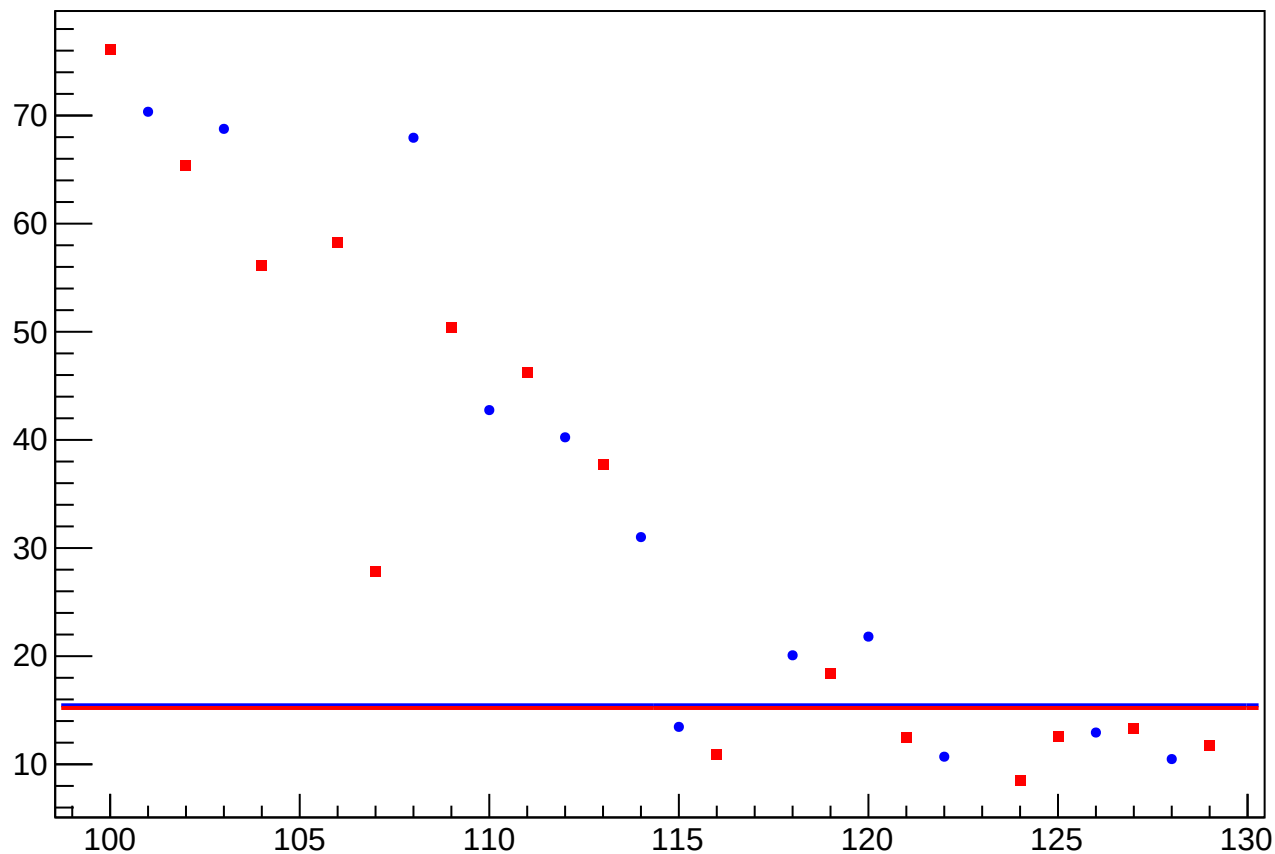
Right: -0.006+/-0.006 χ^2/NDF : 25.3/26

In: -0.004+/-0.009 χ^2/NDF : 13.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.006 χ^2/NDF : 25.3/26

asym_sam1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 15.457+/-0.006 χ^2/NDF : 3161738.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 15.209+/-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

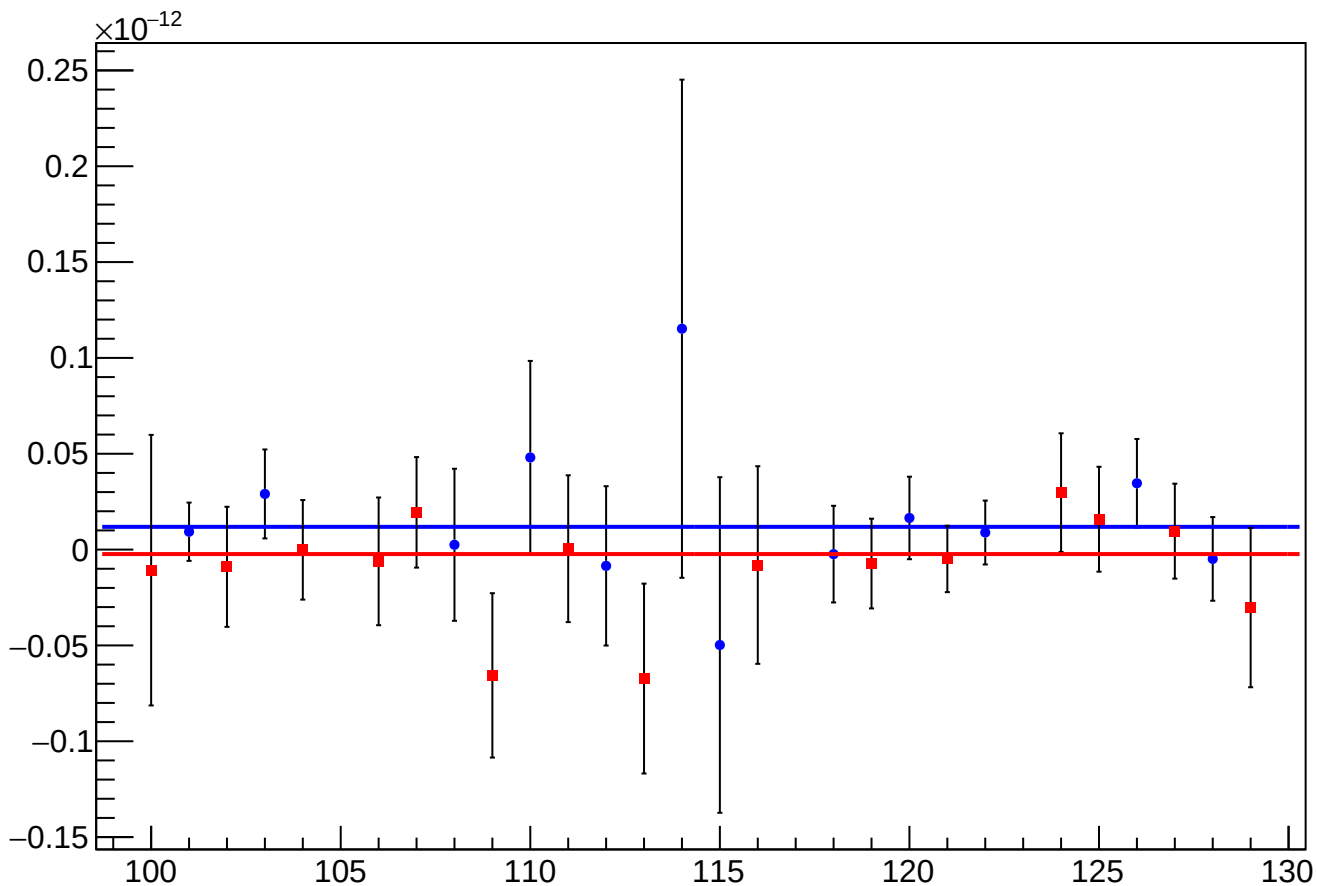
Right: 15.319+/-0.004 χ^2/NDF : 6494946.8/26

In: 15.457+/-0.006 χ^2/NDF :3161738.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 15.319+/-0.004 χ^2/NDF : 6494946.8/26

asym_sam1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.5/11

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

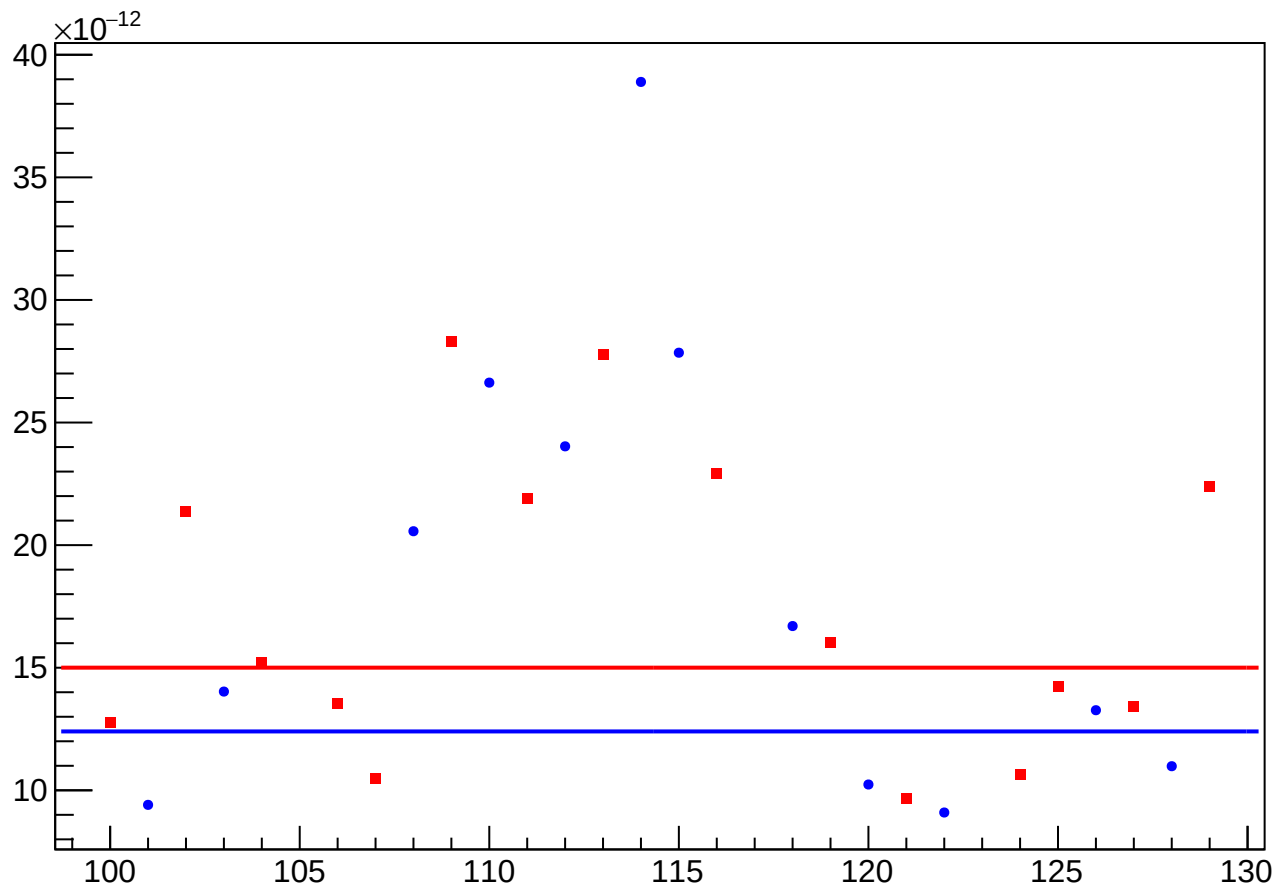
Right: 0.000+/-0.000 χ^2/NDF : 13.1/26

In: 0.000+/-0.000 χ^2/NDF : 4.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.1/26

asym_sam1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 802043.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

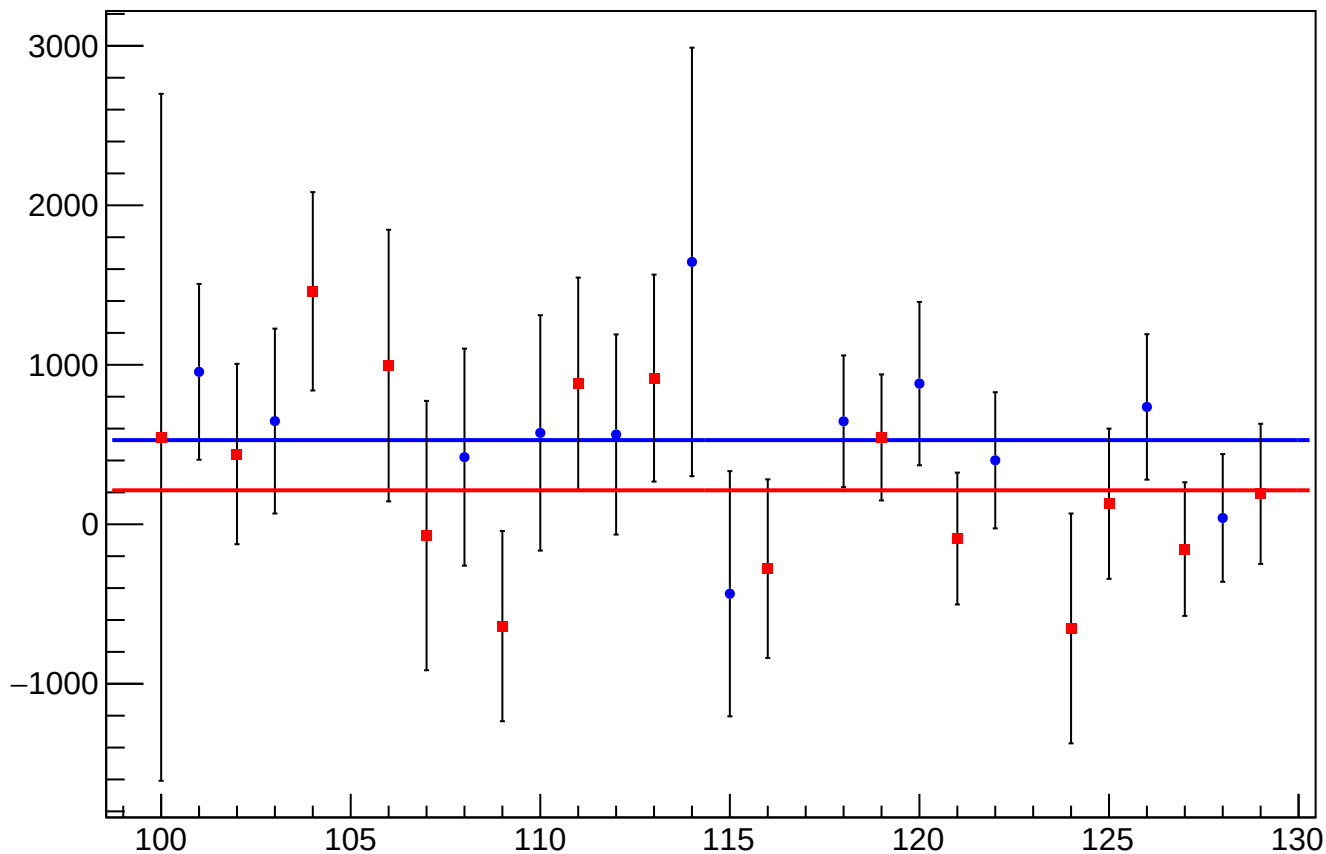
Right: 0.000+/-0.000 χ^2/NDF : 1804366.8/26

In: 0.000+/-0.000 χ^2/NDF : 802043.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1804366.8/26

reg_asym_sam2_mean vs Slug, Sign Corrected



Right In: 527.797 $\pm$ 155.684 χ^2 /NDF: 5.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 213.124 $\pm$ 142.998 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

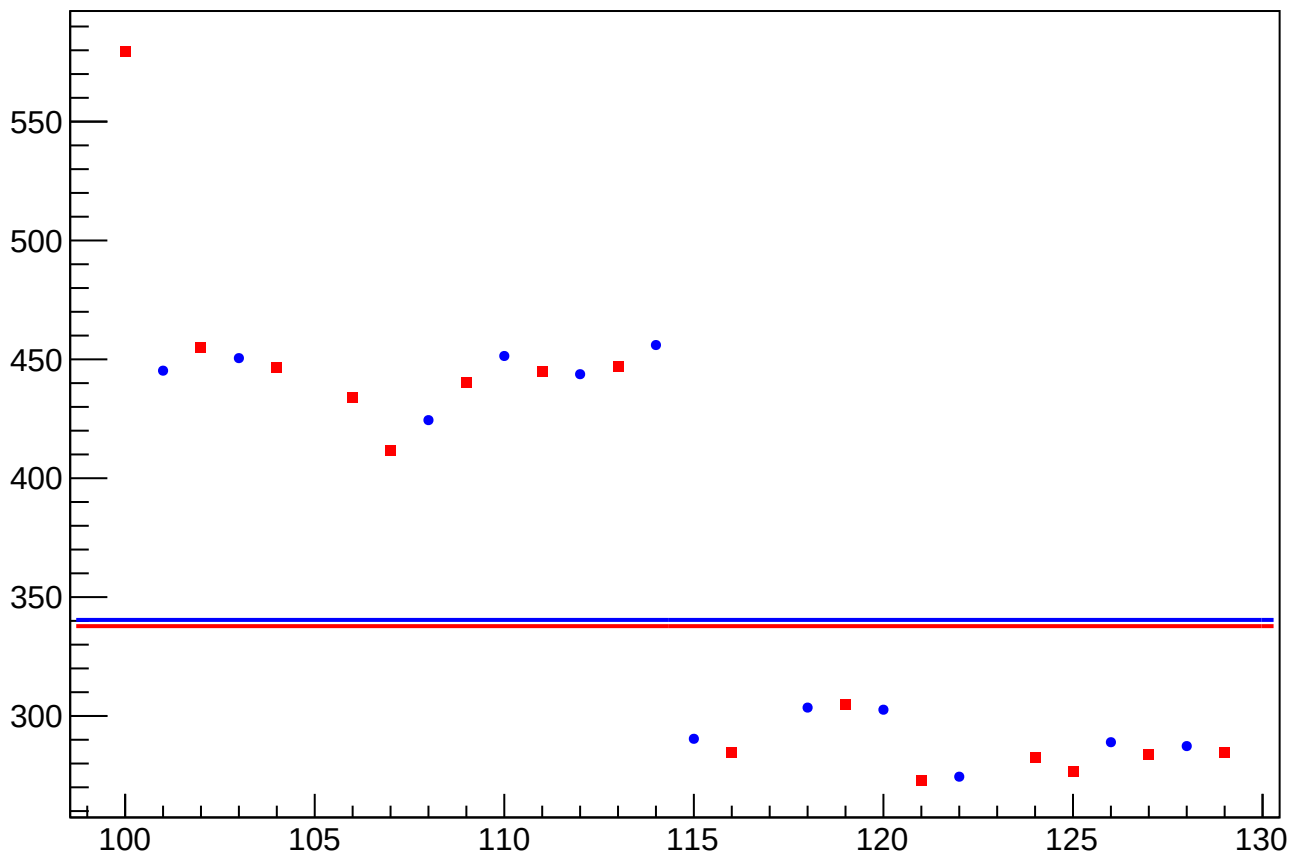
Right: 357.119 $\pm$ 105.314 χ^2 /NDF: 21.1/26

In: 527.797 $\pm$ 155.684 χ^2 /NDF:5.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 357.119 $\pm$ 105.314 χ^2 /NDF: 21.1/26

reg_asym_sam2_rms vs Slug, Sign Corrected



Right In: 340.407+/-0.110 χ^2/NDF : 432955.1/11

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

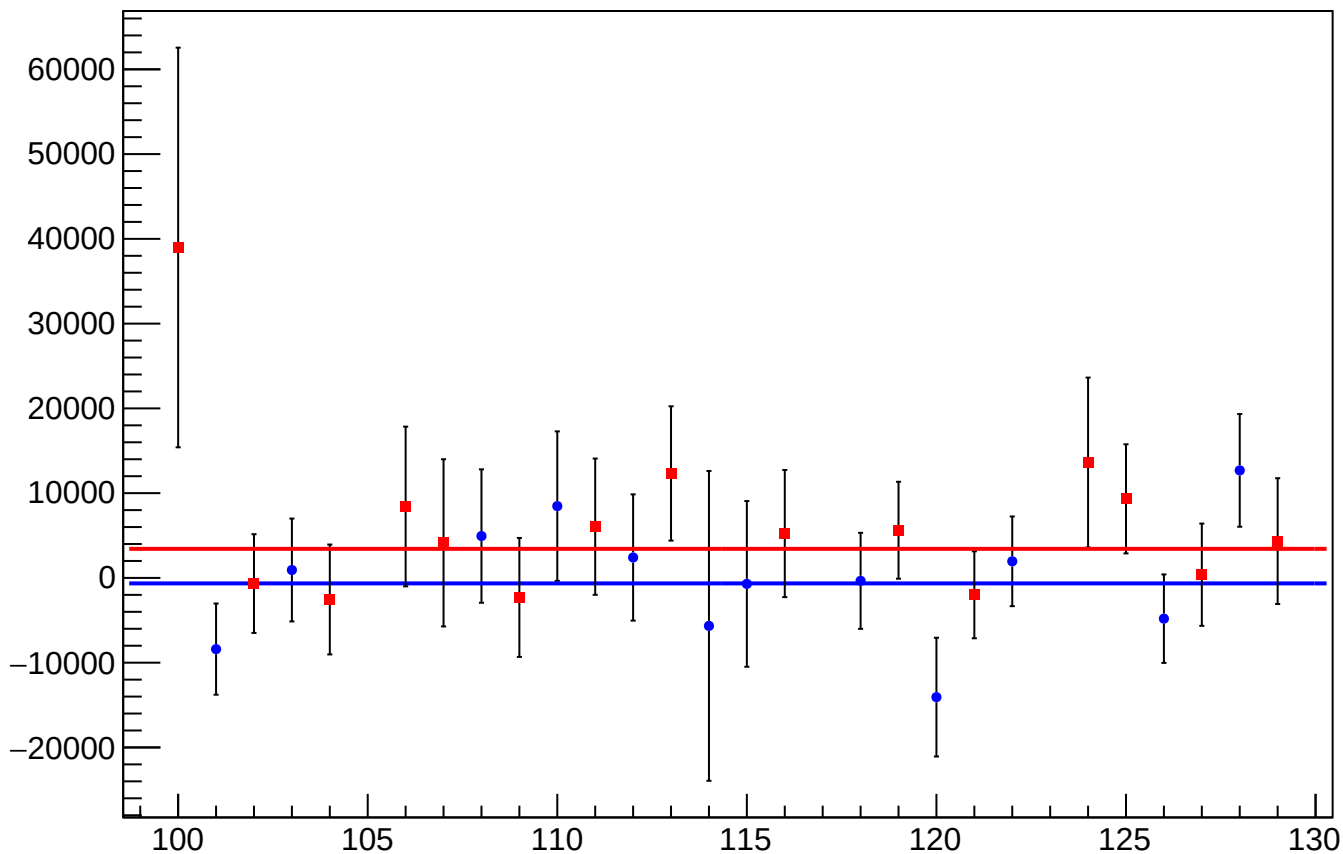
Right: 338.986+/-0.074 χ^2/NDF : 1003030.9/26

In: 340.407+/-0.110 χ^2/NDF : 432955.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 338.986+/-0.074 χ^2/NDF : 1003030.9/26

asym_sam2_reg_correction_mean vs Slug, Sign Corrected



Right In: -646.902 $\pm$ 1928.703 χ^2 /NDF: 12.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3430.477 $\pm$ 1842.850 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

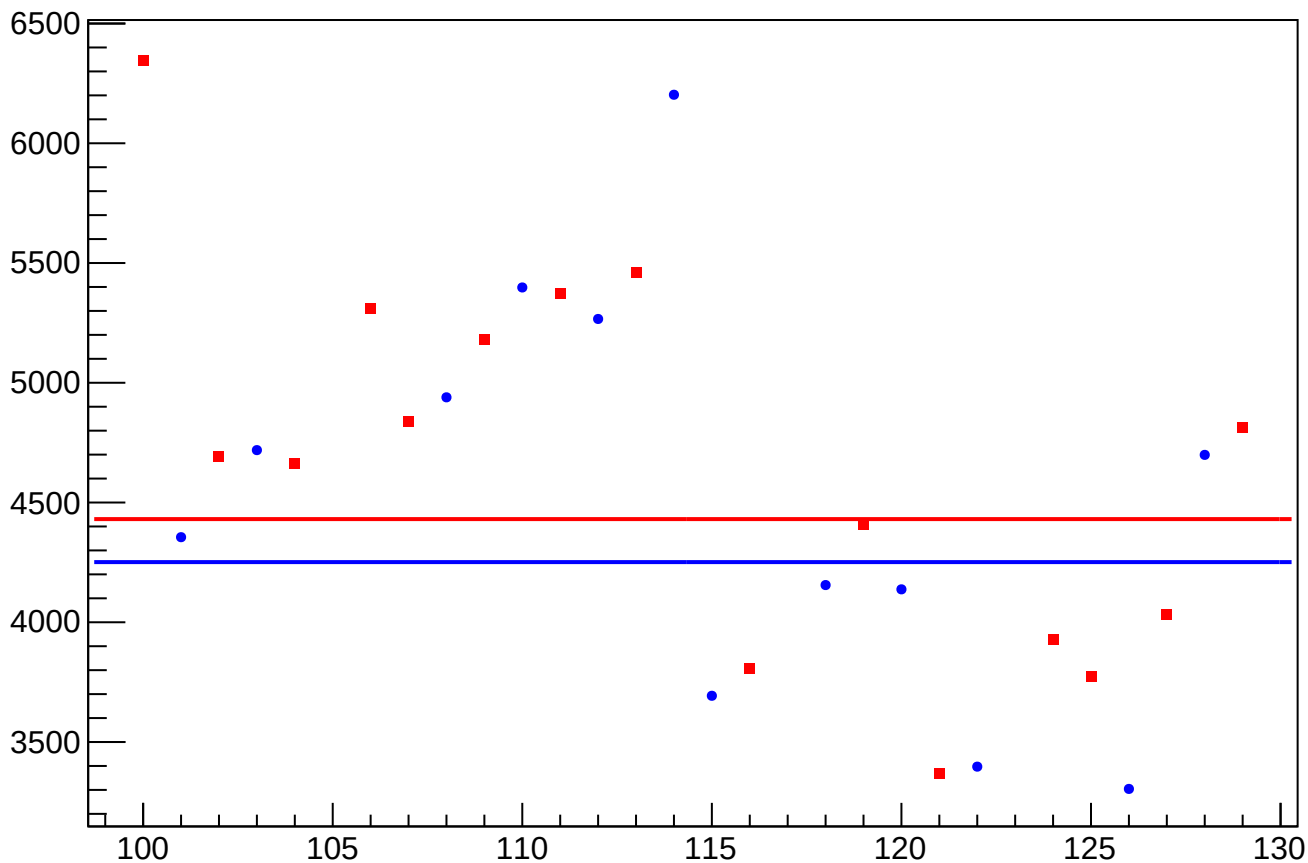
Right: 1484.555 $\pm$ 1332.409 χ^2 /NDF: 24.3/26

In: -646.902 $\pm$ 1928.703 χ^2 /NDF: 12.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1484.555 $\pm$ 1332.409 χ^2 /NDF: 24.3/26

asym_sam2_reg_correction_rms vs Slug, Sign Corrected



Right In: 4251.196+/-1.364 χ^2/NDF : 256383.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

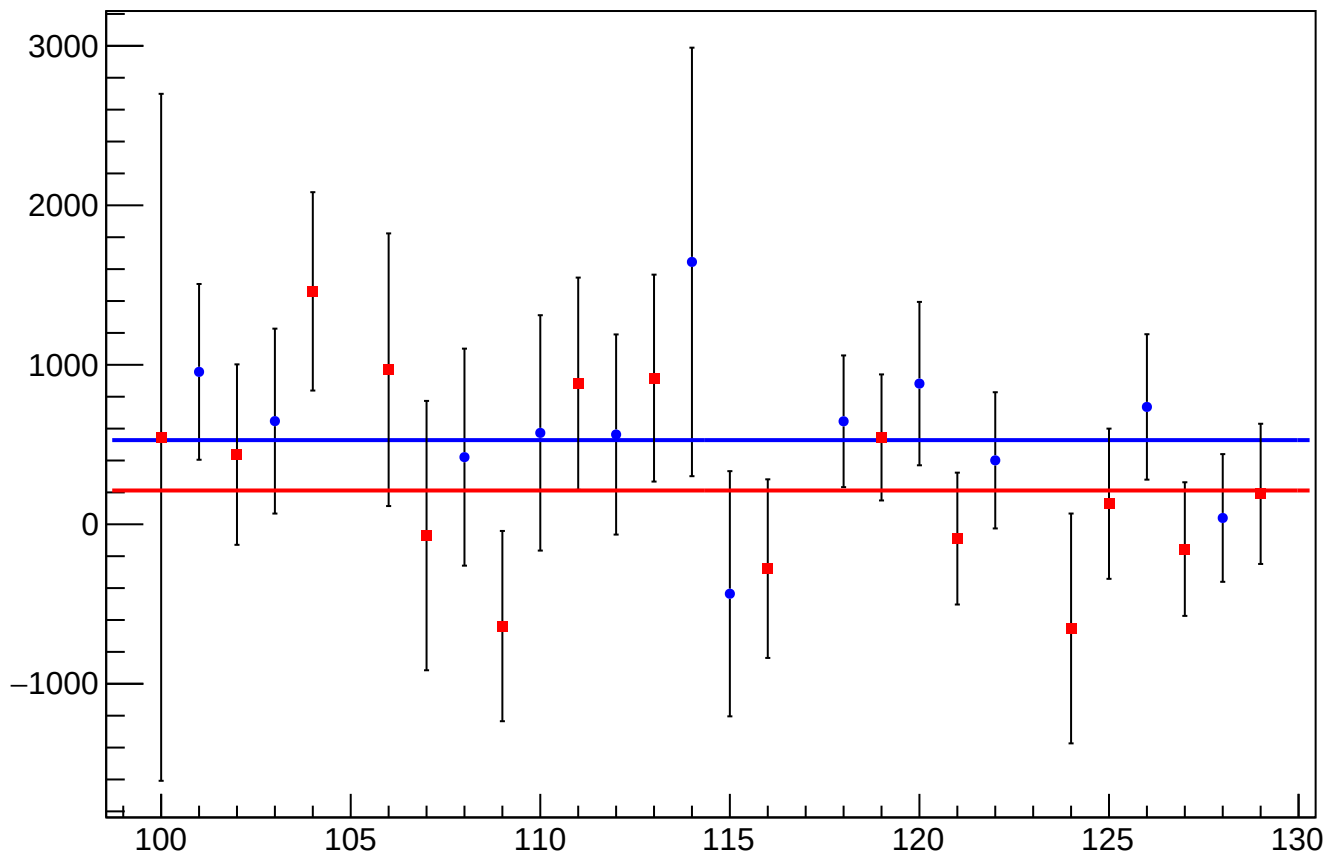
Right: 4345.068+/-0.942 χ^2/NDF : 529517.5/26

In: 4251.196+/-1.364 χ^2/NDF : 256383.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4345.068+/-0.942 χ^2/NDF : 529517.5/26

cor_asym_sam2_mean vs Slug, Sign Corrected



Right In: 527.799 $\pm$ 155.684 χ^2 /NDF: 5.3/11

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

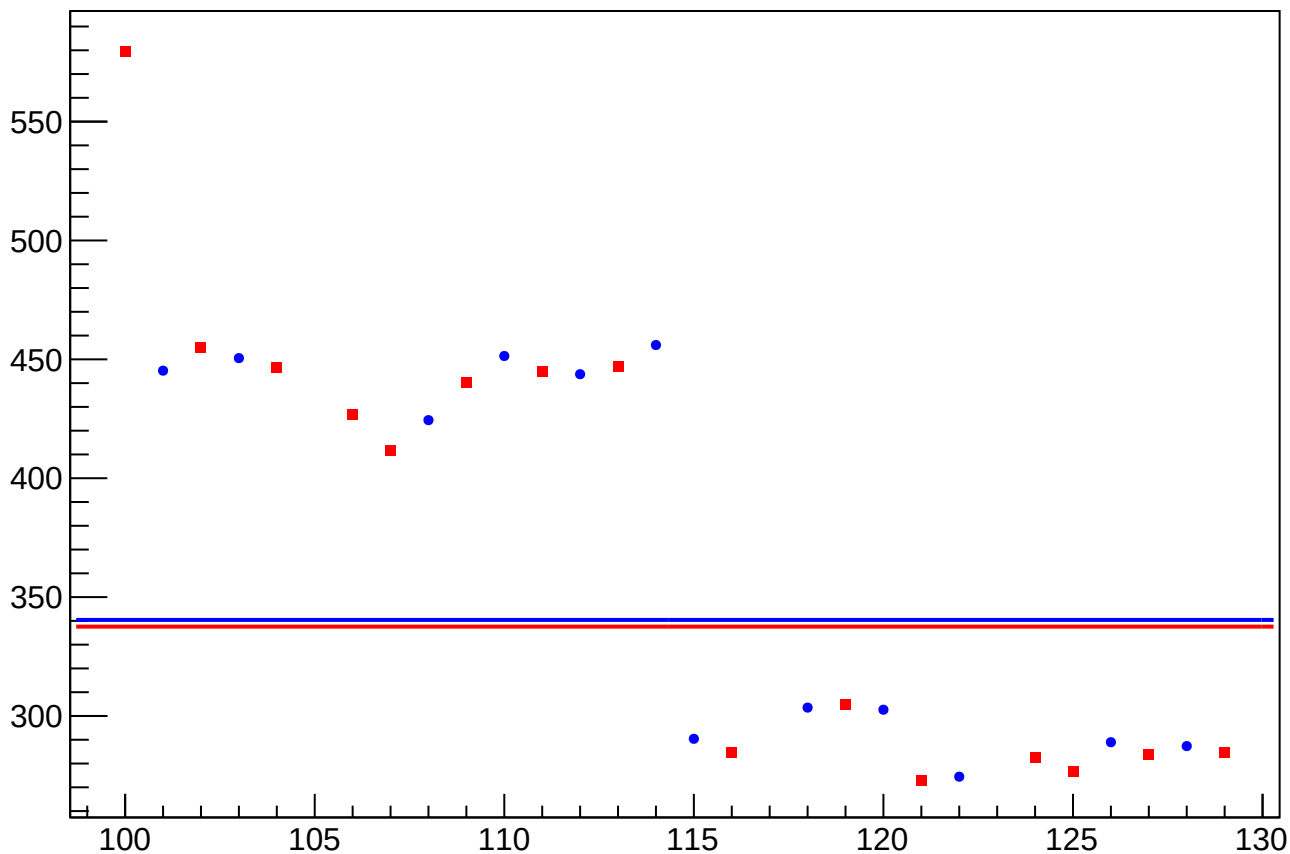
Right: 356.519 $\pm$ 105.322 χ^2 /NDF: 21.1/26

In: 527.799 $\pm$ 155.684 χ^2 /NDF:5.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 356.519 $\pm$ 105.322 χ^2 /NDF: 21.1/26

cor_asym_sam2_rms vs Slug, Sign Corrected



Right In: 340.407+/-0.110 χ^2/NDF : 432956.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

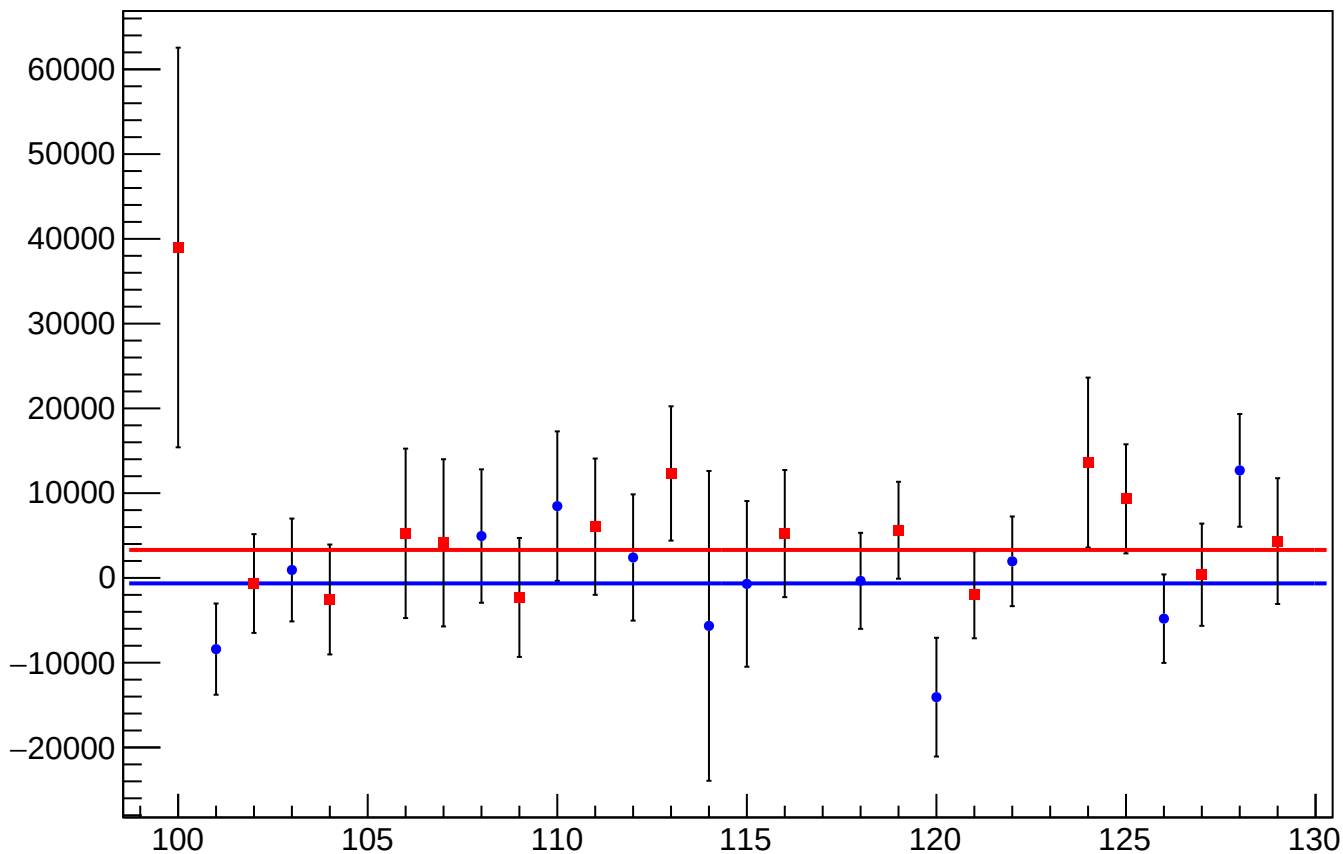
Right: 338.875+/-0.074 χ^2/NDF : 999644.7/26

In: 340.407+/-0.110 χ^2/NDF : 432956.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 338.875+/-0.074 χ^2/NDF : 999644.7/26

asym_sam2_cor_correction_mean vs Slug, Sign Corrected



Right In: -646.715 ± 1928.711 χ^2/NDF : 12.5/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 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

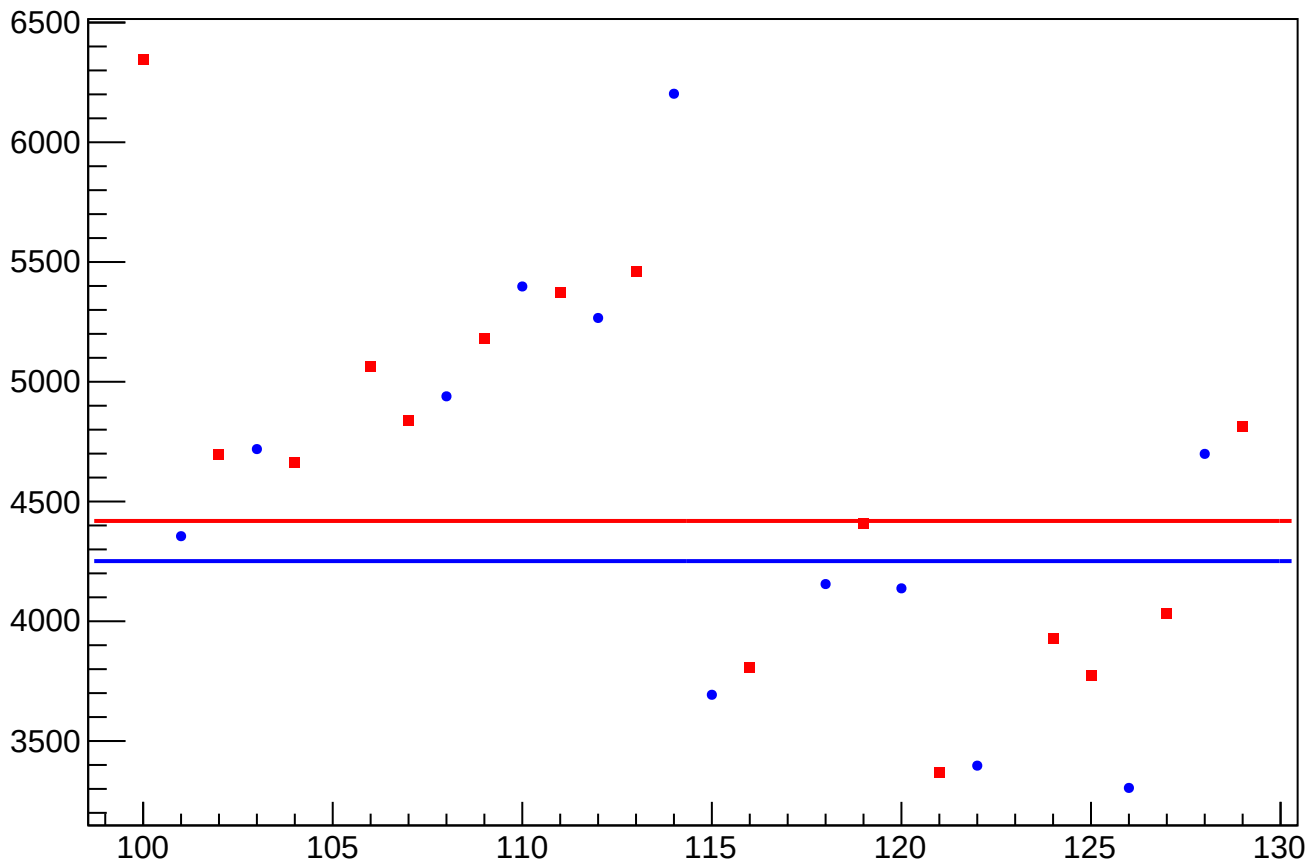
Right: 1413.218 ± 1333.936 χ^2/NDF : 23.9/26

In: -646.715 ± 1928.711 χ^2/NDF : 12.5/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1413.218 ± 1333.936 χ^2/NDF : 23.9/26

asym_sam2_cor_correction_rms vs Slug, Sign Corrected



Right In: 4251.210+/-1.364 χ^2/NDF : 256392.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

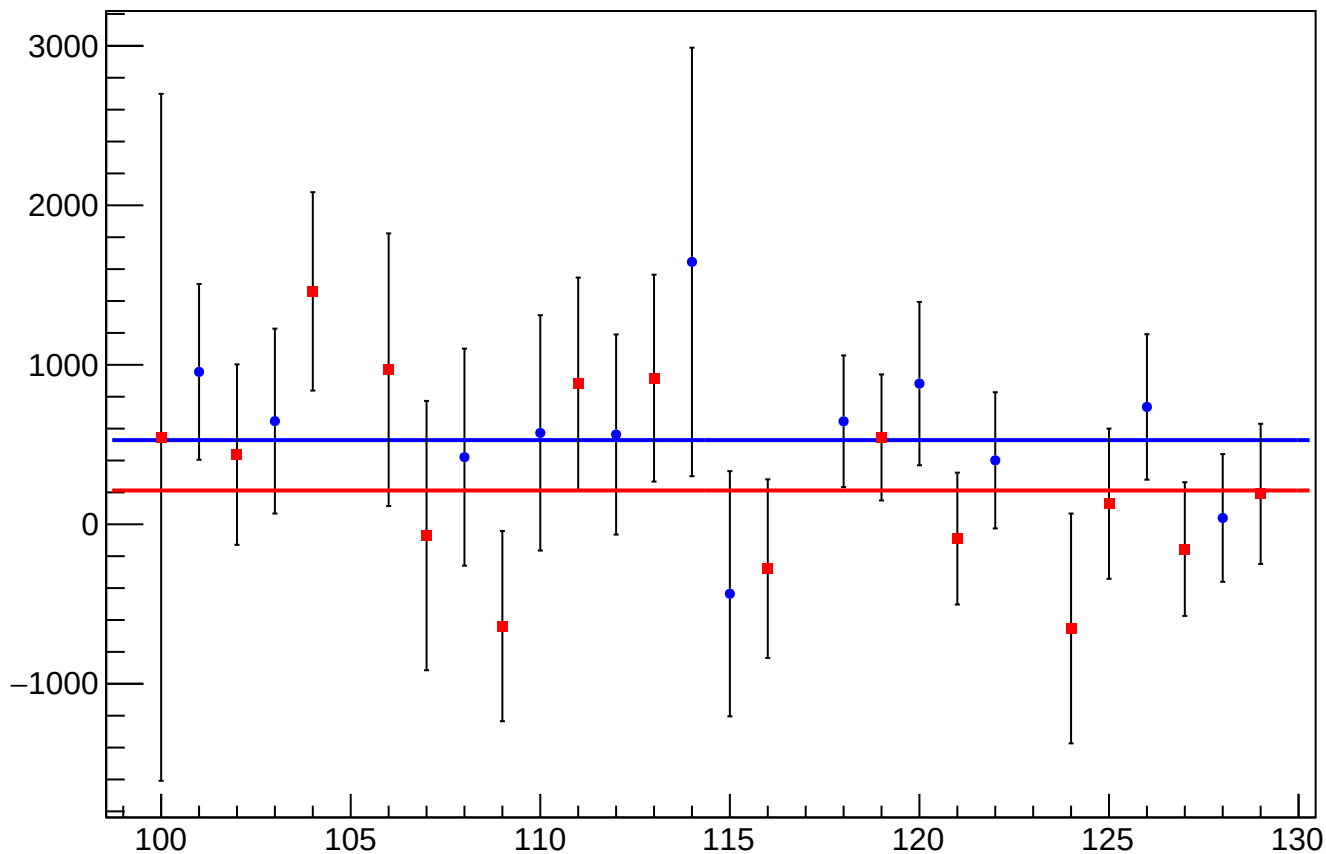
Right: 4338.648+/-0.943 χ^2/NDF : 518938.4/26

In: 4251.210+/-1.364 χ^2/NDF : 256392.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4338.648+/-0.943 χ^2/NDF : 518938.4/26

eigen_cor_asym_sam2_mean vs Slug, Sign Corrected



Right In: 527.799 $\pm$ 155.684 χ^2 /NDF: 5.3/11

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

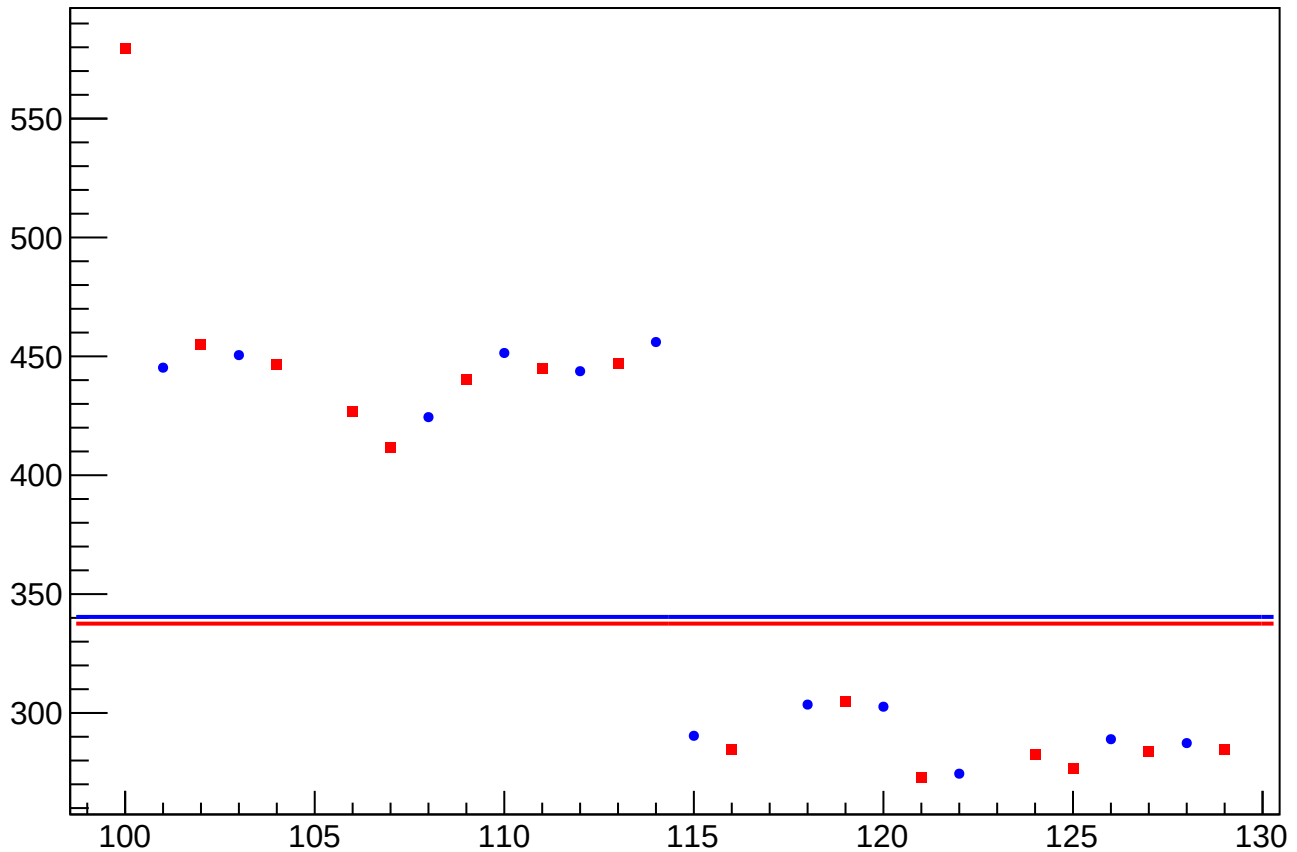
Right: 356.519 $\pm$ 105.322 χ^2 /NDF: 21.1/26

In: 527.799 $\pm$ 155.684 χ^2 /NDF:5.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 356.519 $\pm$ 105.322 χ^2 /NDF: 21.1/26

eigen_cor_asym_sam2_rms vs Slug, Sign Corrected



Right In: 340.407+/-0.110 χ^2/NDF : 432956.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

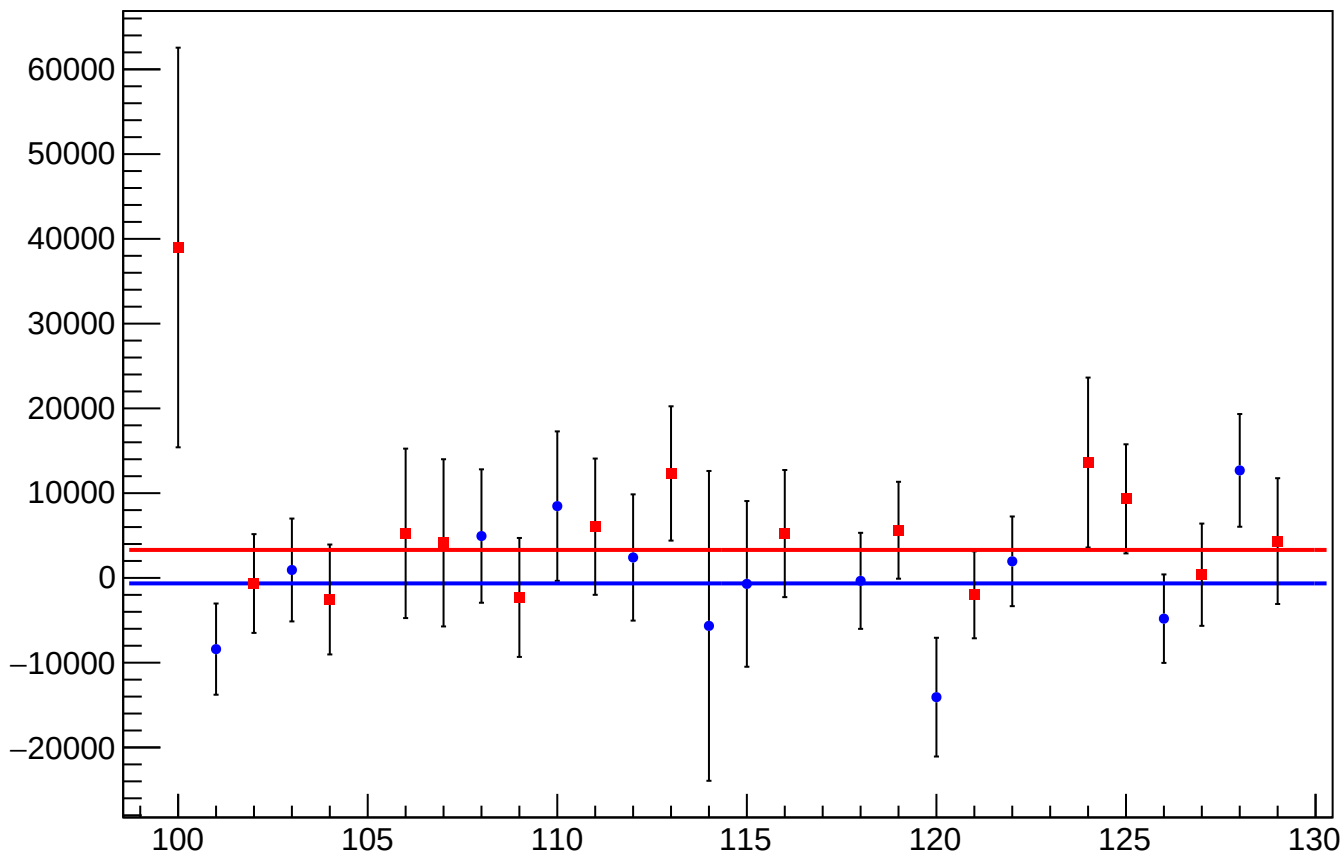
Right: 338.875+/-0.074 χ^2/NDF : 999644.7/26

In: 340.407+/-0.110 χ^2/NDF : 432956.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 338.875+/-0.074 χ^2/NDF : 999644.7/26

asym_sam2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -646.715+/-1928.711 χ^2/NDF : 12.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

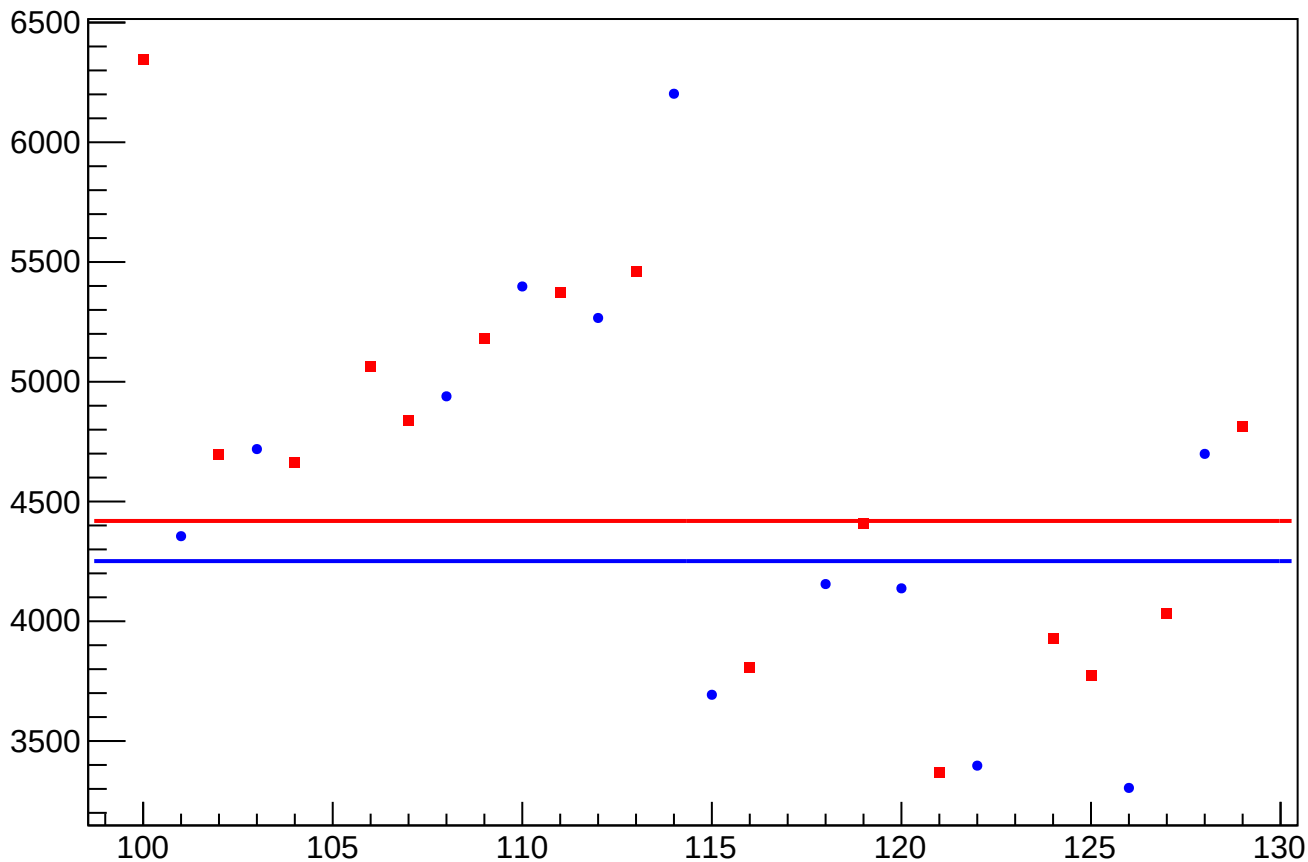
Right: 1413.218+/-1333.936 χ^2/NDF : 23.9/26

In: -646.715+/-1928.711 χ^2/NDF : 12.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1413.218+/-1333.936 χ^2/NDF : 23.9/26

asym_sam2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4251.210+/-1.364 χ^2/NDF : 256392.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

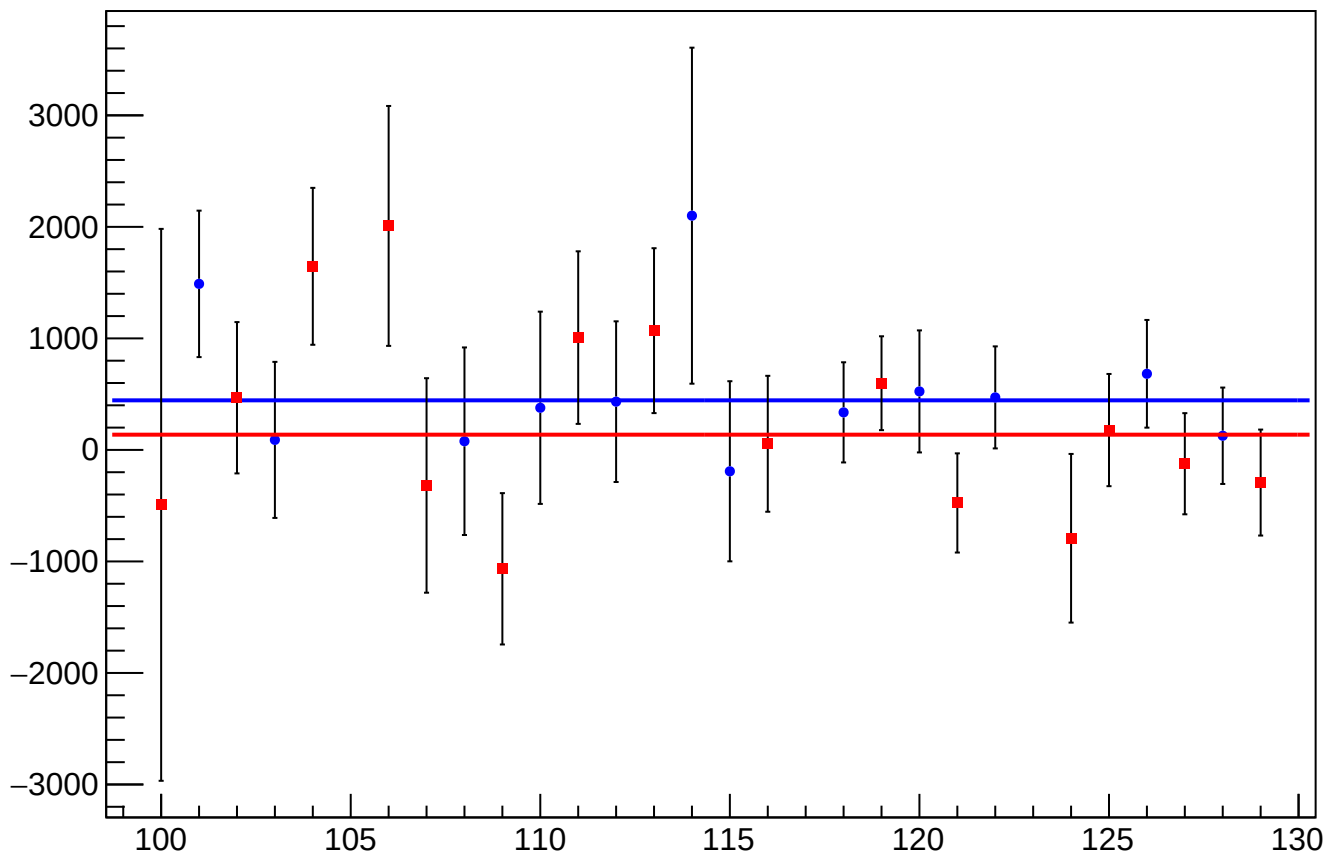
Right: 4338.648+/-0.943 χ^2/NDF : 518938.4/26

In: 4251.210+/-1.364 χ^2/NDF : 256392.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4338.648+/-0.943 χ^2/NDF : 518938.4/26

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 444.521 $\pm$ 172.151 χ^2 /NDF: 5.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 136.632 $\pm$ 157.401 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

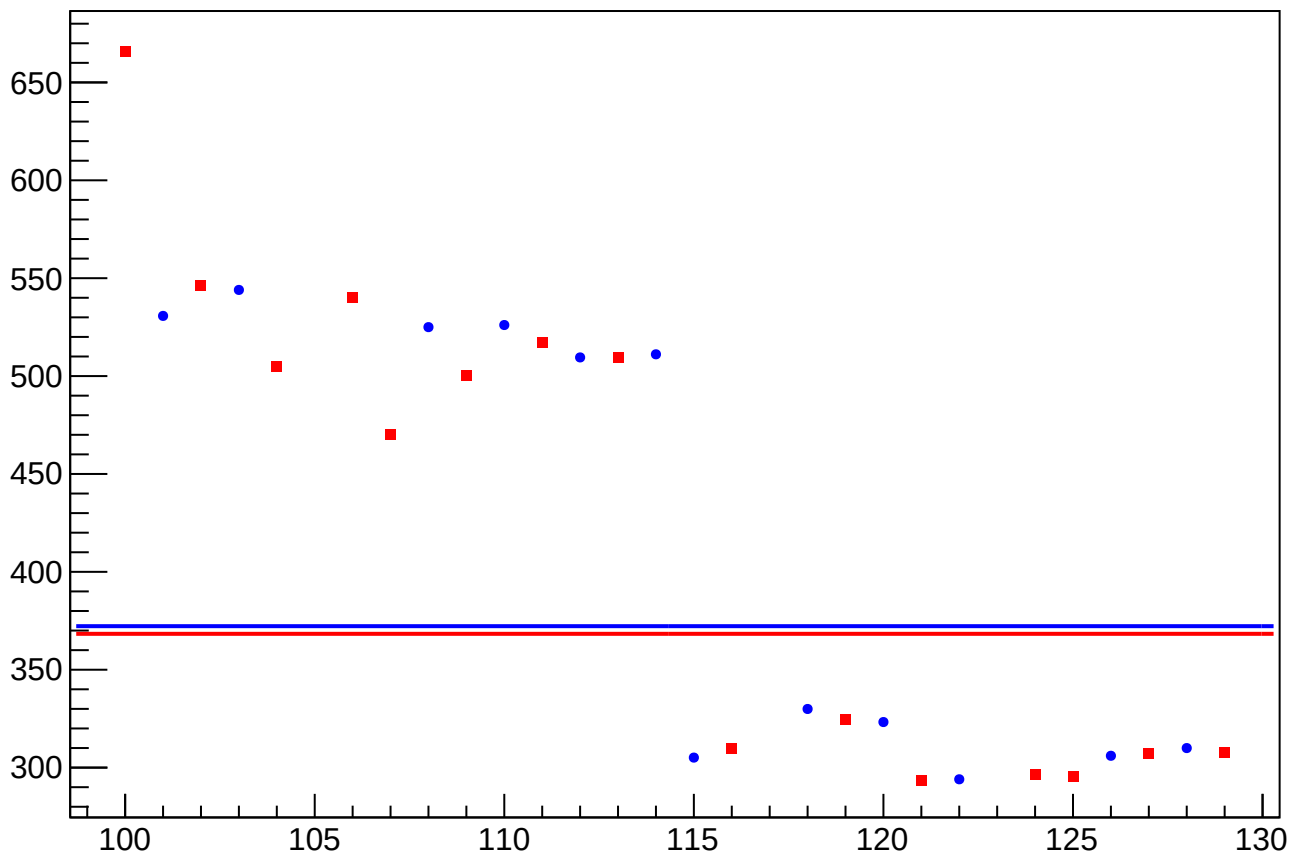
Right: 276.824 $\pm$ 116.164 χ^2 /NDF: 27.4/26

In: 444.521 $\pm$ 172.151 χ^2 /NDF:5.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 276.824 $\pm$ 116.164 χ^2 /NDF: 27.4/26

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 372.247+/-0.122 χ^2/NDF : 641532.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

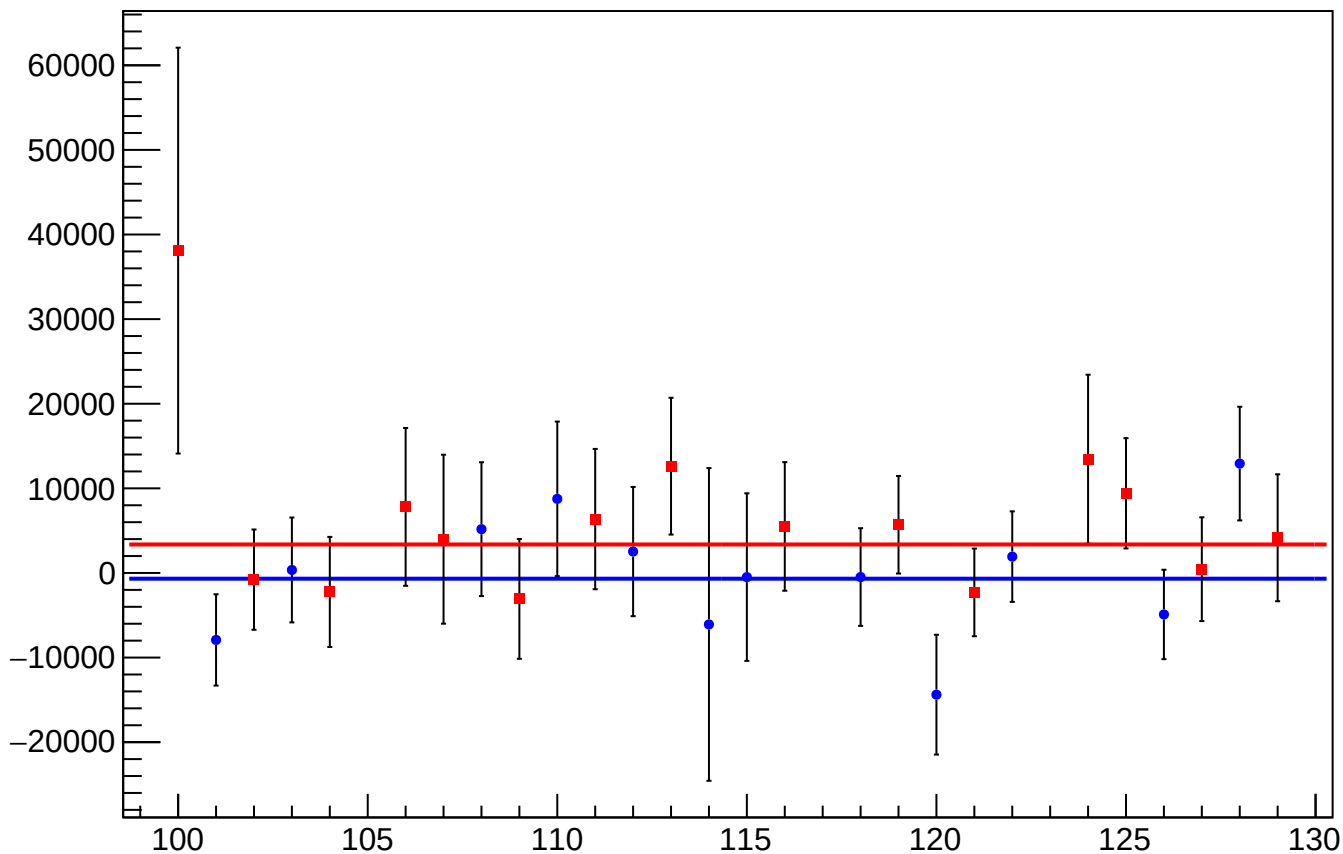
Right: 370.118+/-0.082 χ^2/NDF : 1405956.6/26

In: 372.247+/-0.122 χ^2/NDF : 641532.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 370.118+/-0.082 χ^2/NDF : 1405956.6/26

asym_sam2_dit_correction_mean vs Slug, Sign Corrected



Right In: -679.466+/-1955.579 χ^2/NDF : 12.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

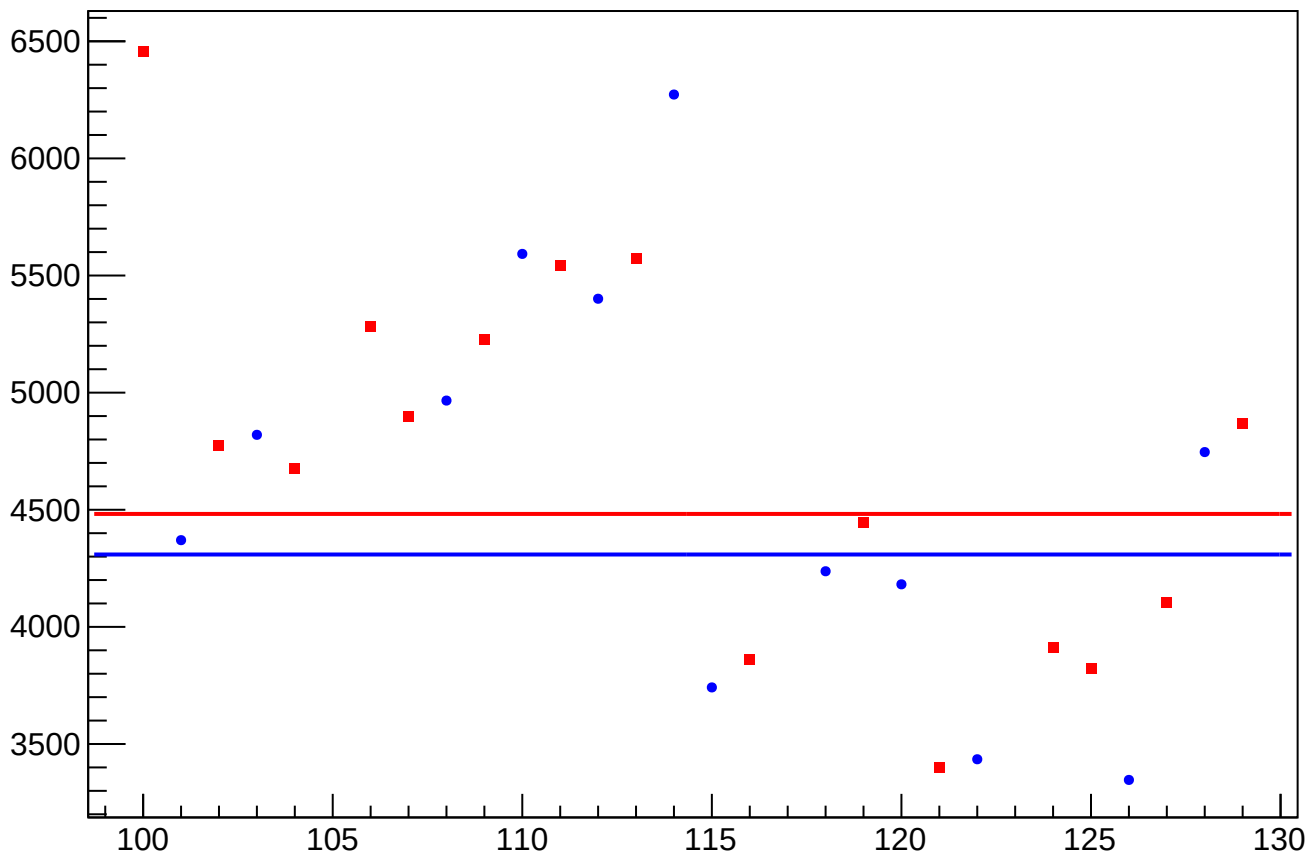
Right: 1440.378+/-1349.298 χ^2/NDF : 24.1/26

In: -679.466+/-1955.579 χ^2/NDF : 12.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1440.378+/-1349.298 χ^2/NDF : 24.1/26

asym_sam2_dit_correction_rms vs Slug, Sign Corrected



Right In: 4309.011+/-1.383 χ^2/NDF : 266280.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

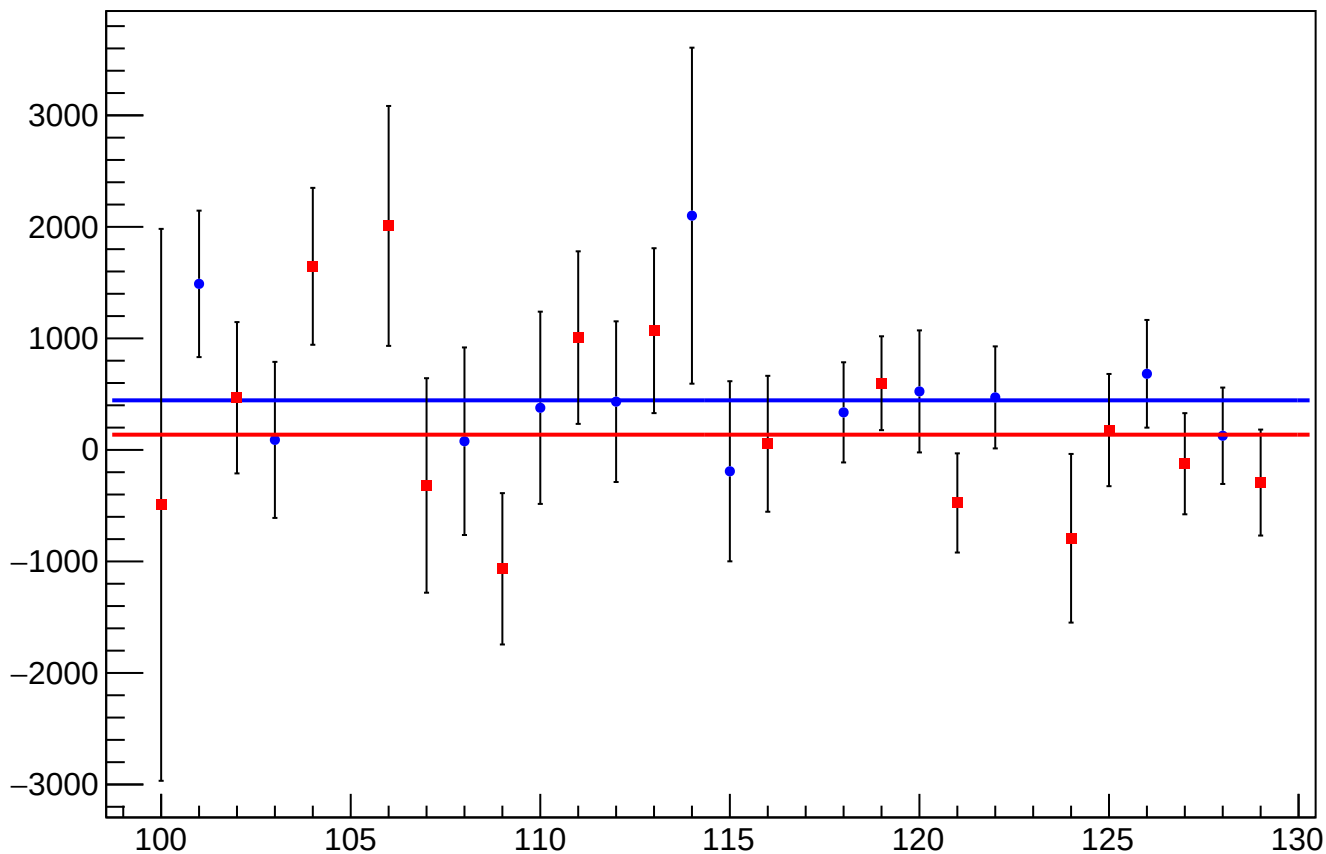
Right: 4399.750+/-0.954 χ^2/NDF : 545015.6/26

In: 4309.011+/-1.383 χ^2/NDF : 266280.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4399.750+/-0.954 χ^2/NDF : 545015.6/26

eigen_dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 444.518+/-172.150 χ^2/NDF : 5.7/11

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

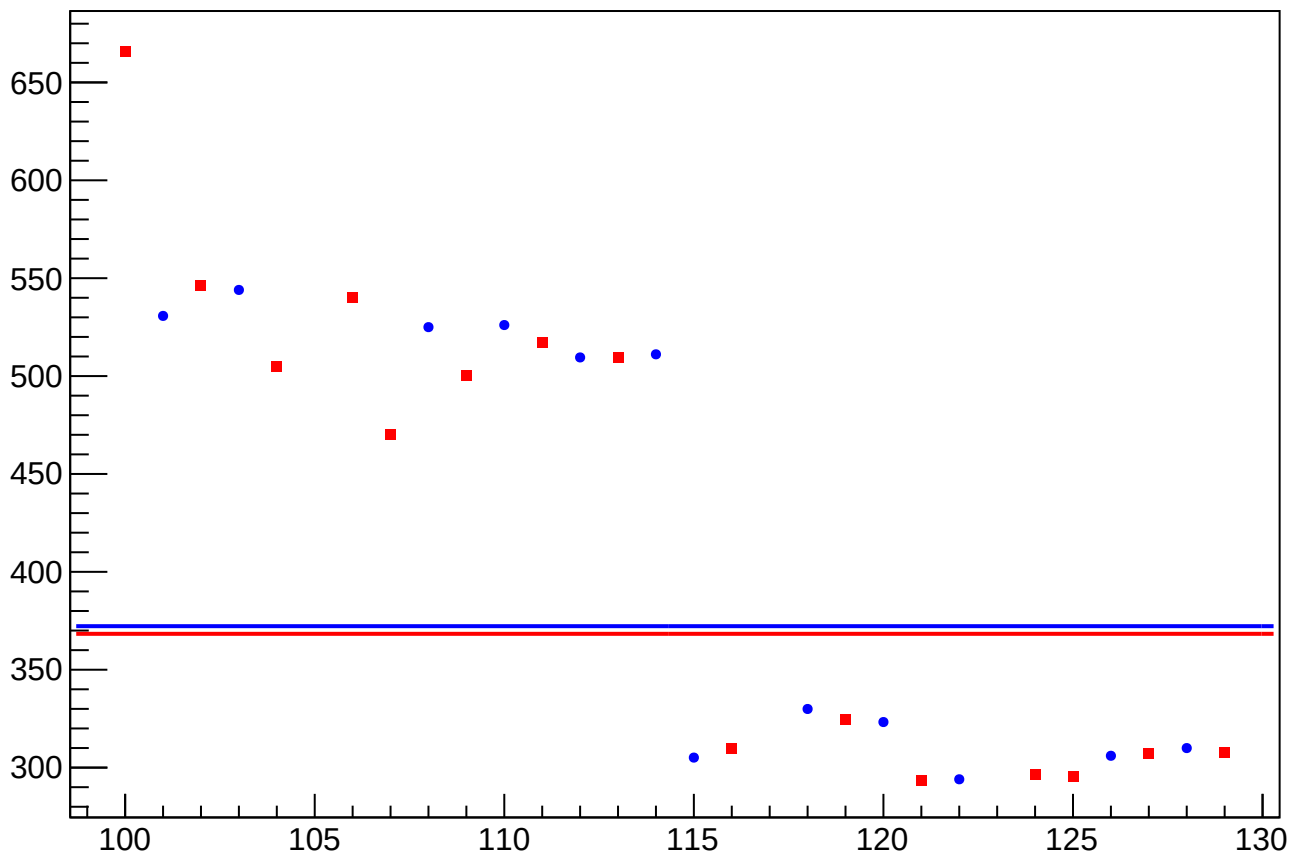
Right: 276.820+/-116.164 χ^2/NDF : 27.4/26

In: 444.518+/-172.150 χ^2/NDF : 5.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 276.820+/-116.164 χ^2/NDF : 27.4/26

eigen_dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 372.245+/-0.122 χ^2/NDF : 641524.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

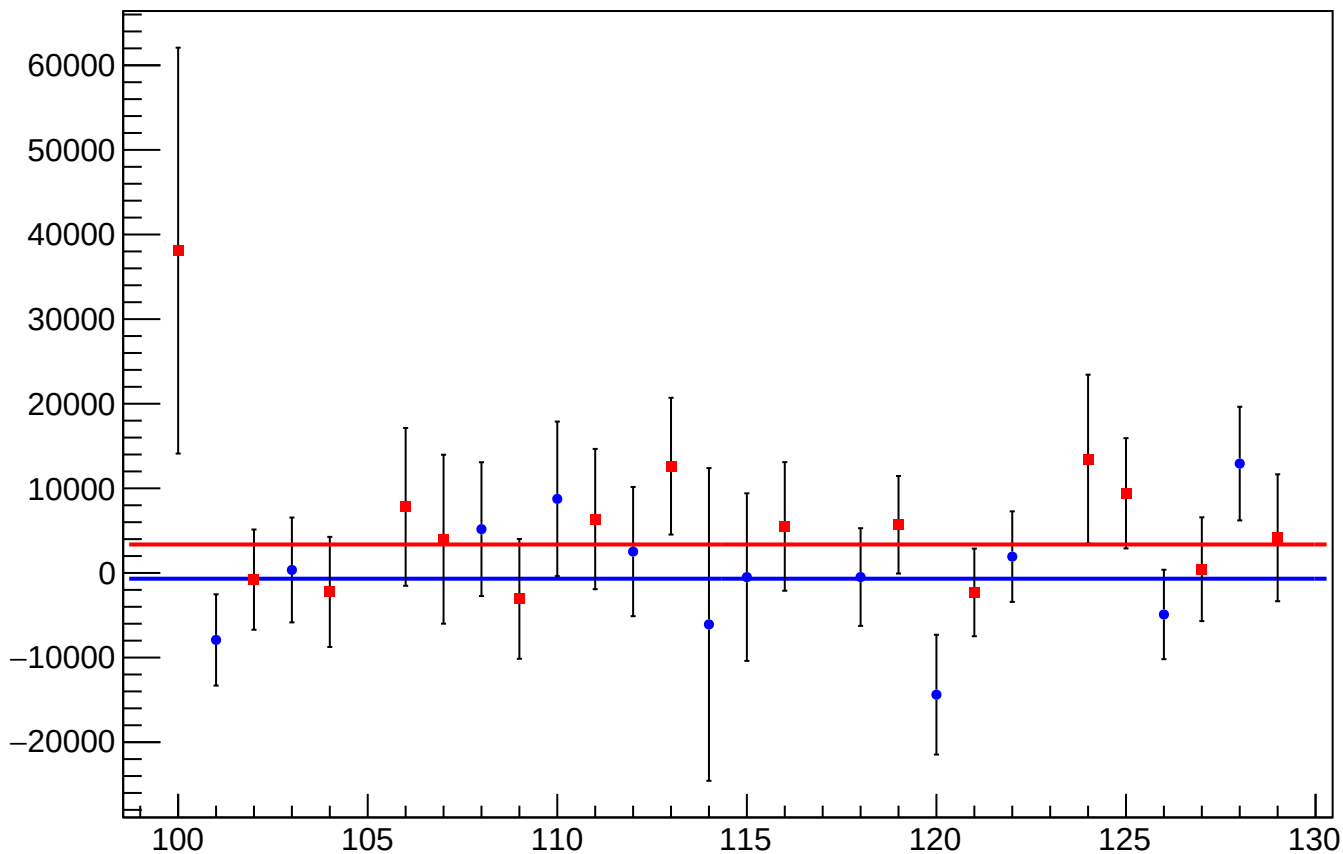
Right: 370.116+/-0.082 χ^2/NDF : 1405937.1/26

In: 372.245+/-0.122 χ^2/NDF : 641524.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 370.116+/-0.082 χ^2/NDF : 1405937.1/26

asym_sam2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -679.460+/-1955.575 χ^2/NDF : 12.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

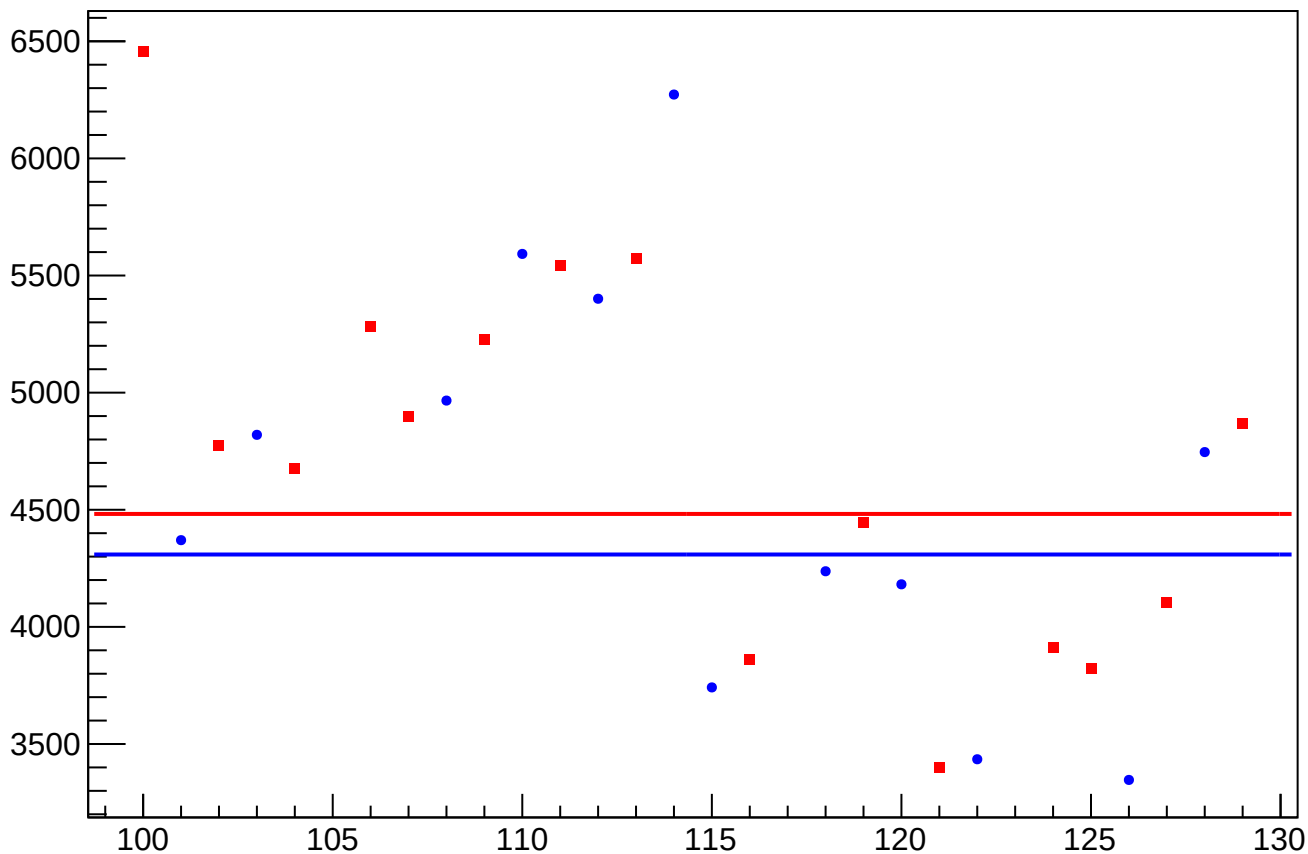
Right: 1440.377+/-1349.295 χ^2/NDF : 24.1/26

In: -679.460+/-1955.575 χ^2/NDF : 12.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1440.377+/-1349.295 χ^2/NDF : 24.1/26

asym_sam2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4309.004+/-1.383 χ^2/NDF : 266274.2/11

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

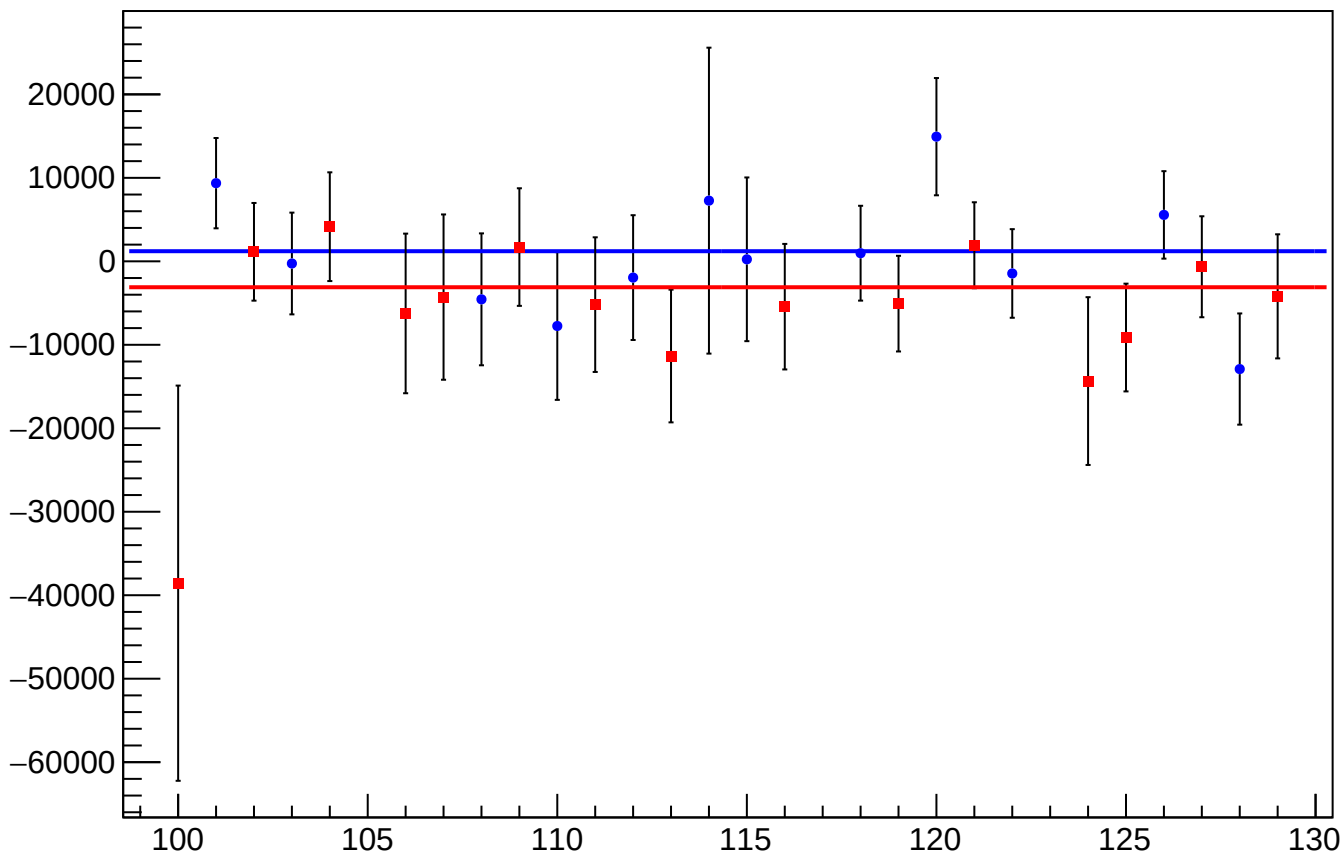
Right: 4399.742+/-0.954 χ^2/NDF : 545004.7/26

In: 4309.004+/-1.383 χ^2/NDF : 266274.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4399.742+/-0.954 χ^2/NDF : 545004.7/26

asym_sam2_mean vs Slug, Sign Corrected



Right In: 1211.854+/-1935.727 χ^2/NDF : 13.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

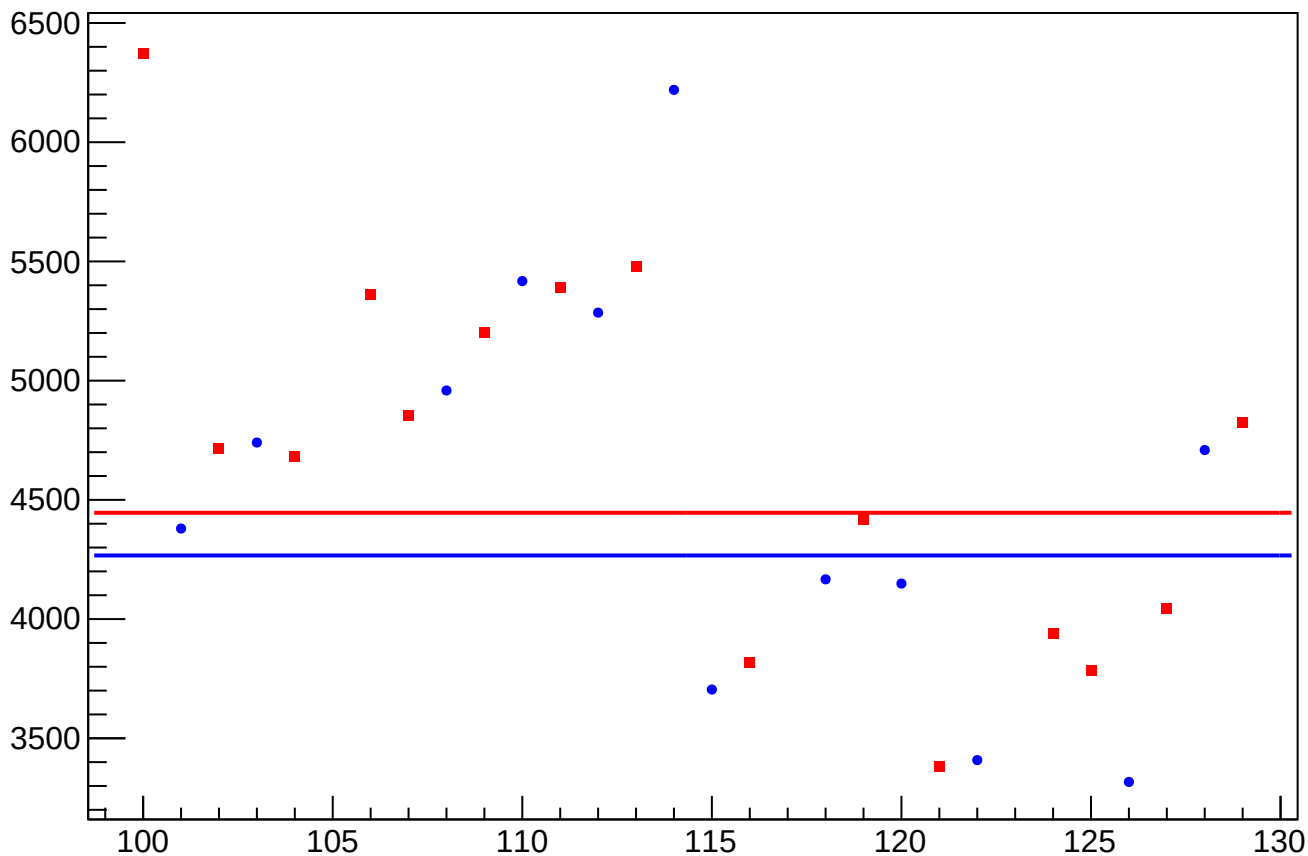
Right: -1044.450+/-1337.323 χ^2/NDF : 25.3/26

In: 1211.854+/-1935.727 χ^2/NDF : 13.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1044.450+/-1337.323 χ^2/NDF : 25.3/26

asym_sam2_rms vs Slug, Sign Corrected



Right In: 4266.756+/-1.369 χ^2/NDF : 256545.0/11

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

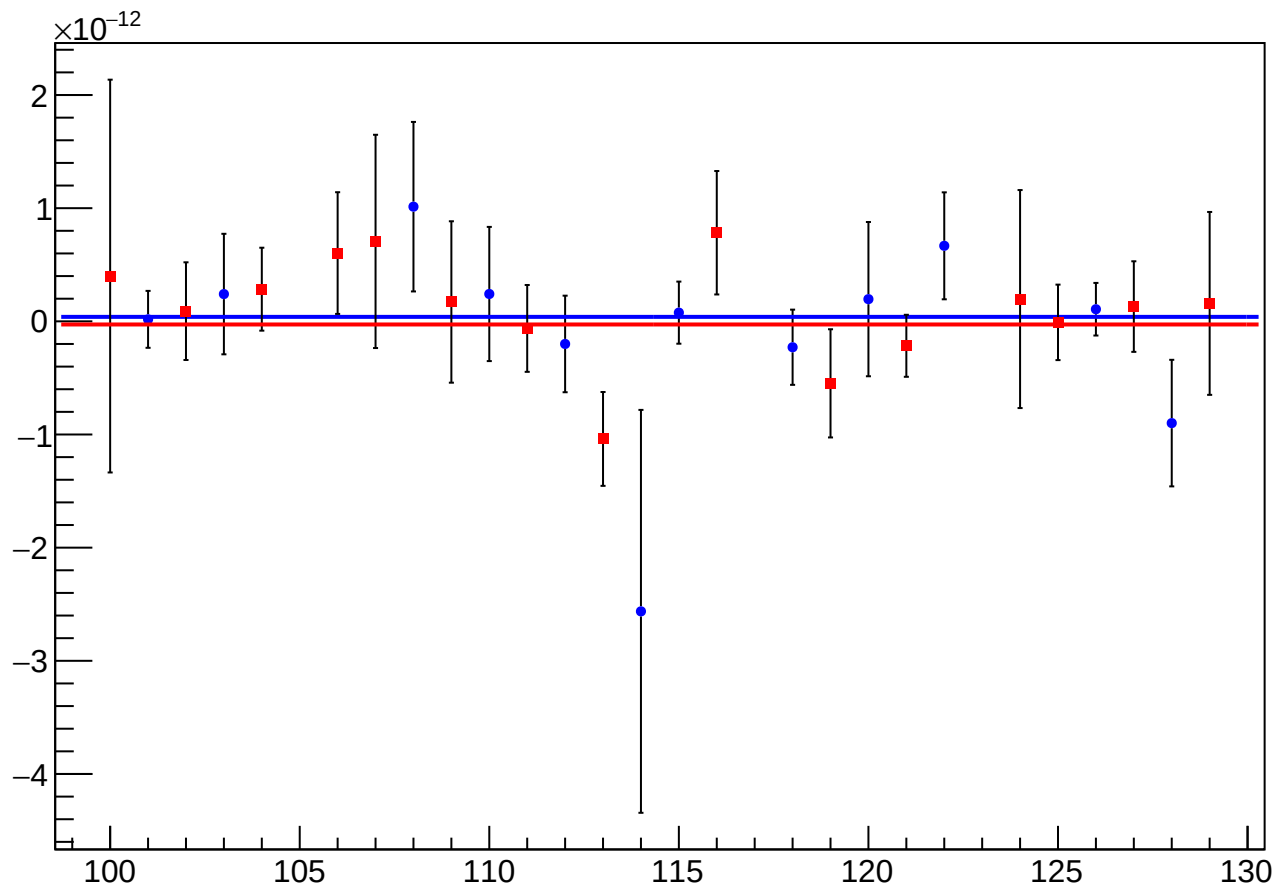
Right: 4360.360+/-0.946 χ^2/NDF : 531282.3/26

In: 4266.756+/-1.369 χ^2/NDF : 256545.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4360.360+/-0.946 χ^2/NDF : 531282.3/26

asym_sam2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

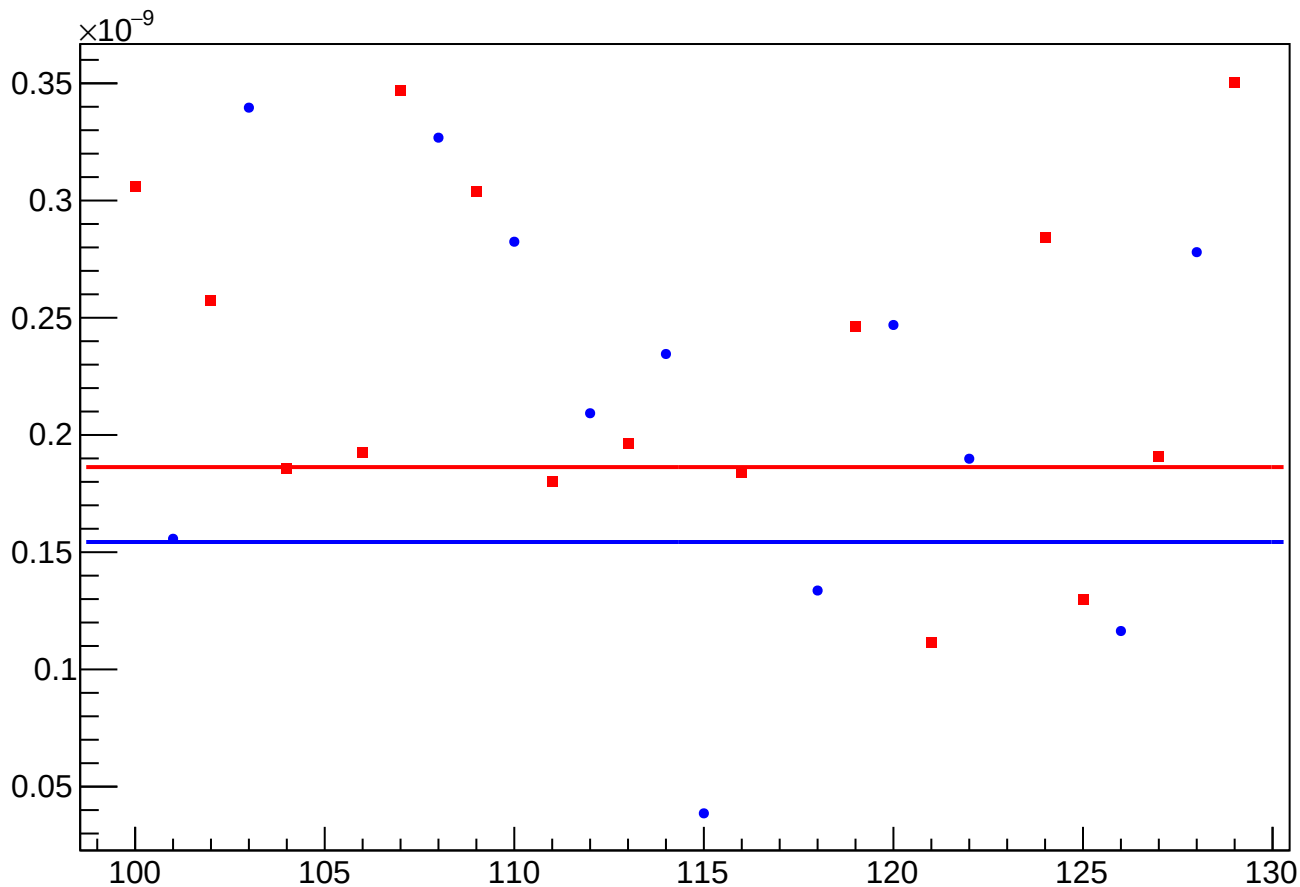
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.0/26

In: 0.000 $\pm$ 0.000 χ^2 /NDF:9.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.0/26

asym_sam2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1041610.2/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

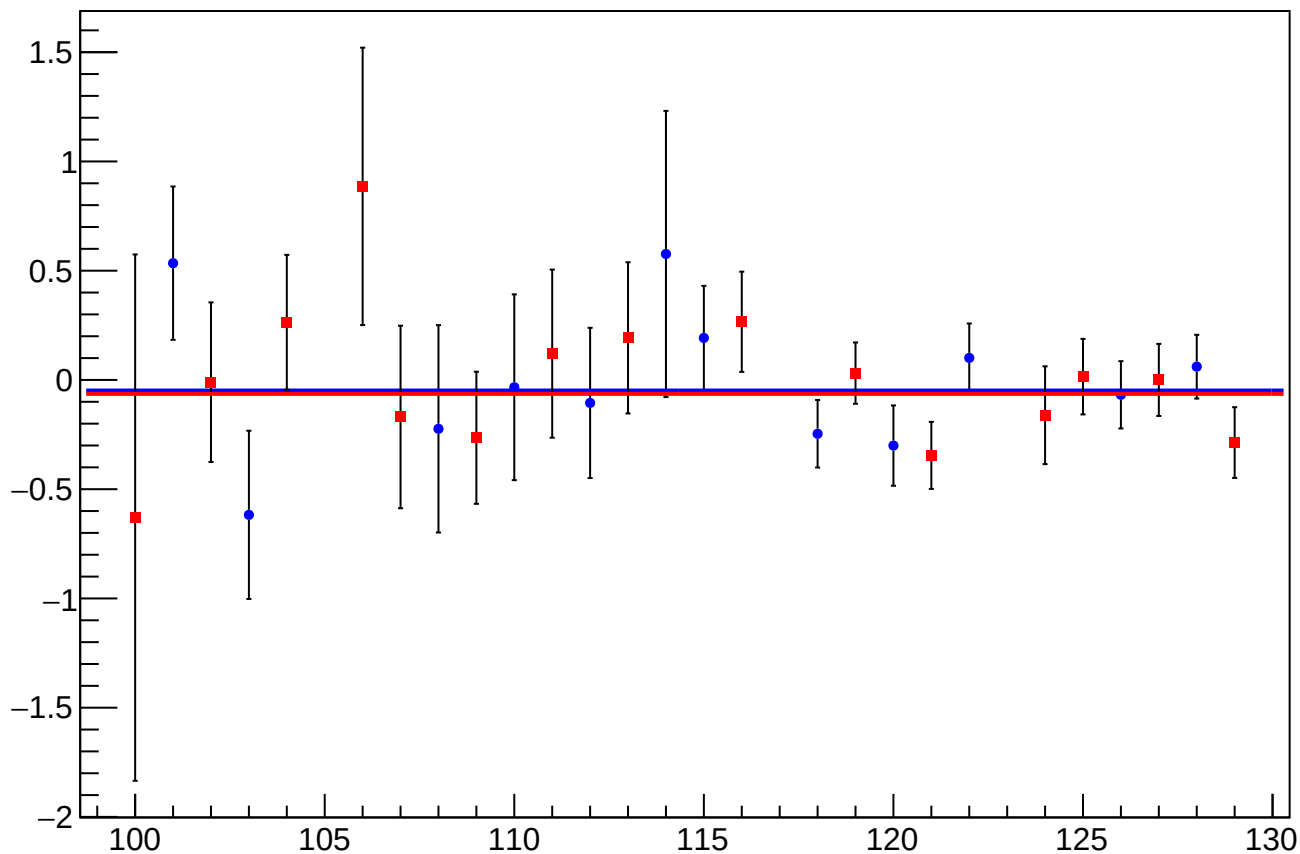
Right: 0.000+/-0.000 χ^2/NDF : 1638213.6/26

In: 0.000+/-0.000 χ^2/NDF :1041610.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1638213.6/26

asym_sam2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.048 ± 0.063 $\chi^2/\text{NDF}: 12.0/11$

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 $\chi^2/\text{NDF}: 0.0/0$

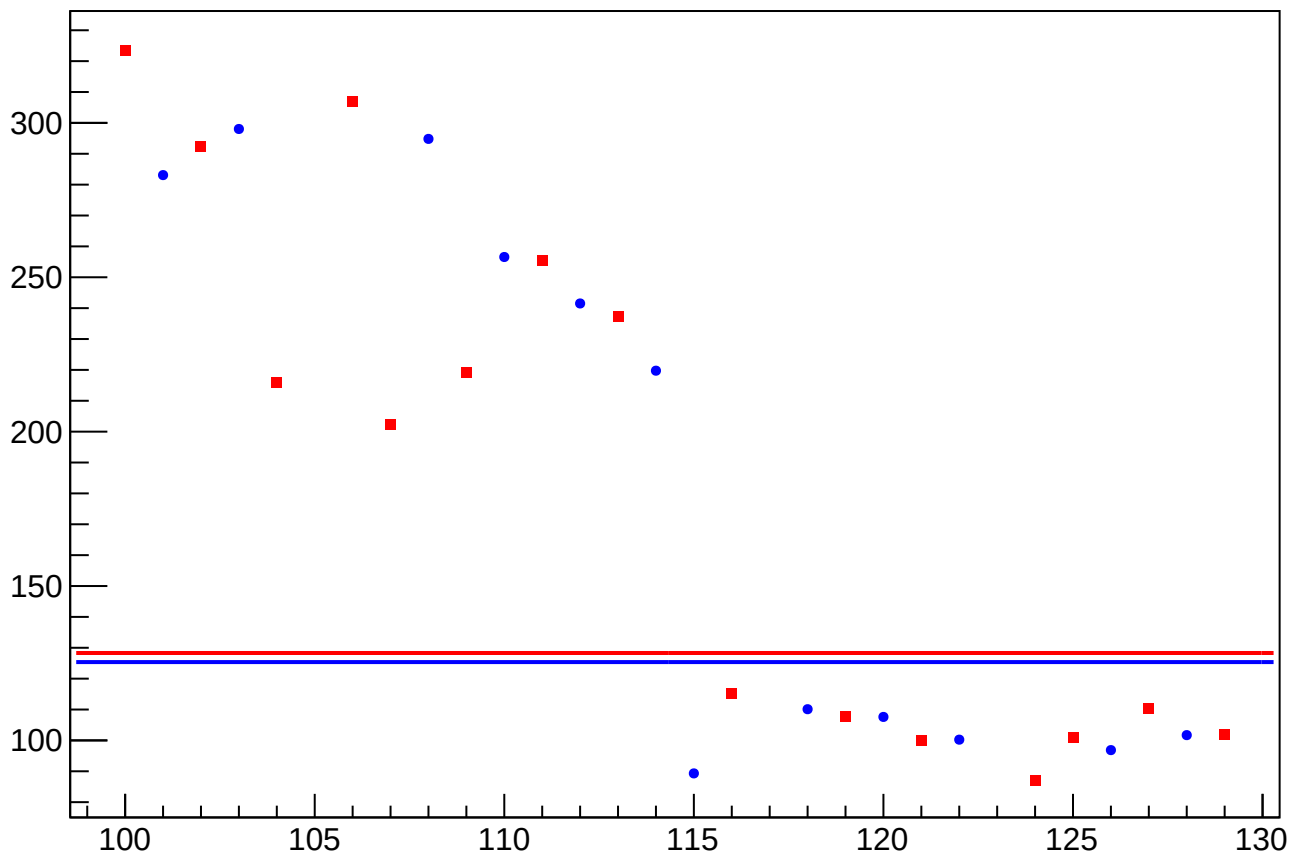
Right: -0.057 ± 0.043 $\chi^2/\text{NDF}: 25.3/26$

In: -0.048 ± 0.063 $\chi^2/\text{NDF}: 12.0/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.057 ± 0.043 $\chi^2/\text{NDF}: 25.3/26$

asym_sam2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 125.367+/-0.044 χ^2/NDF : 1777775.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

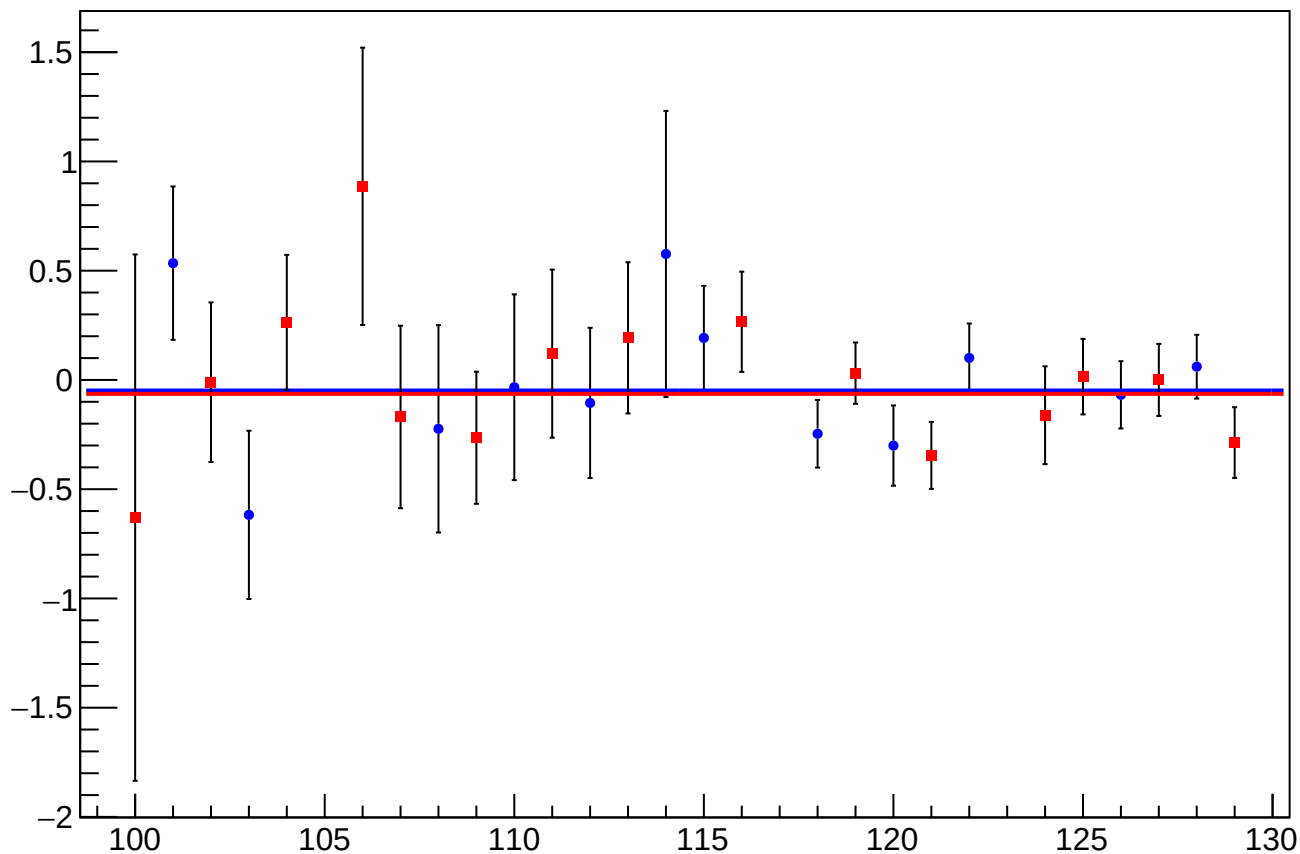
Right: 126.944+/-0.030 χ^2/NDF : 3529158.2/26

In: 125.367+/-0.044 χ^2/NDF : 1777775.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.944+/-0.030 χ^2/NDF : 3529158.2/26

asym_sam2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.048+/-0.063 χ^2 /NDF: 12.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.064+/-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

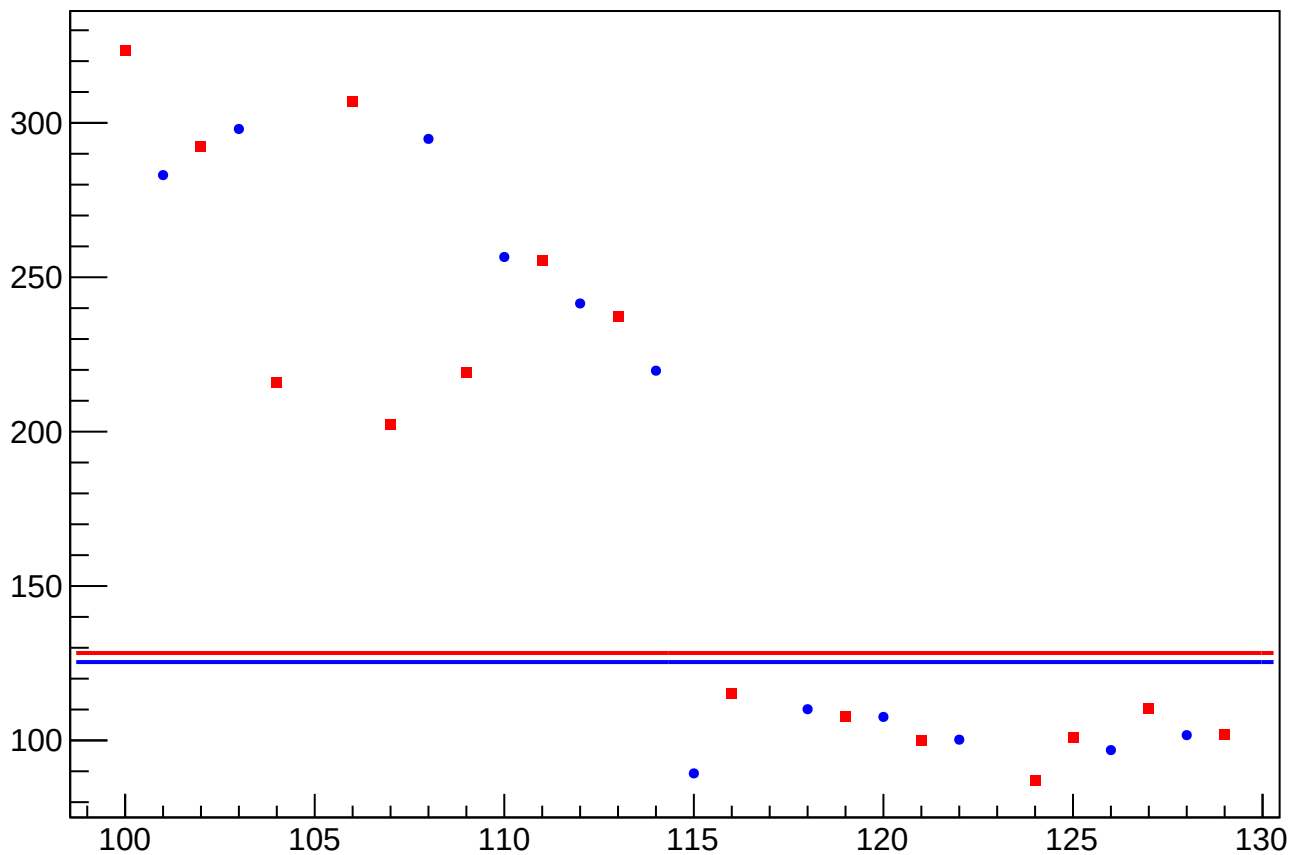
Right: -0.057+/-0.043 χ^2 /NDF: 25.3/26

In: -0.048+/-0.063 χ^2 /NDF:12.0/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.057+/-0.043 χ^2 /NDF: 25.3/26

asym_sam2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 125.367+/-0.044 χ^2/NDF : 1777775.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

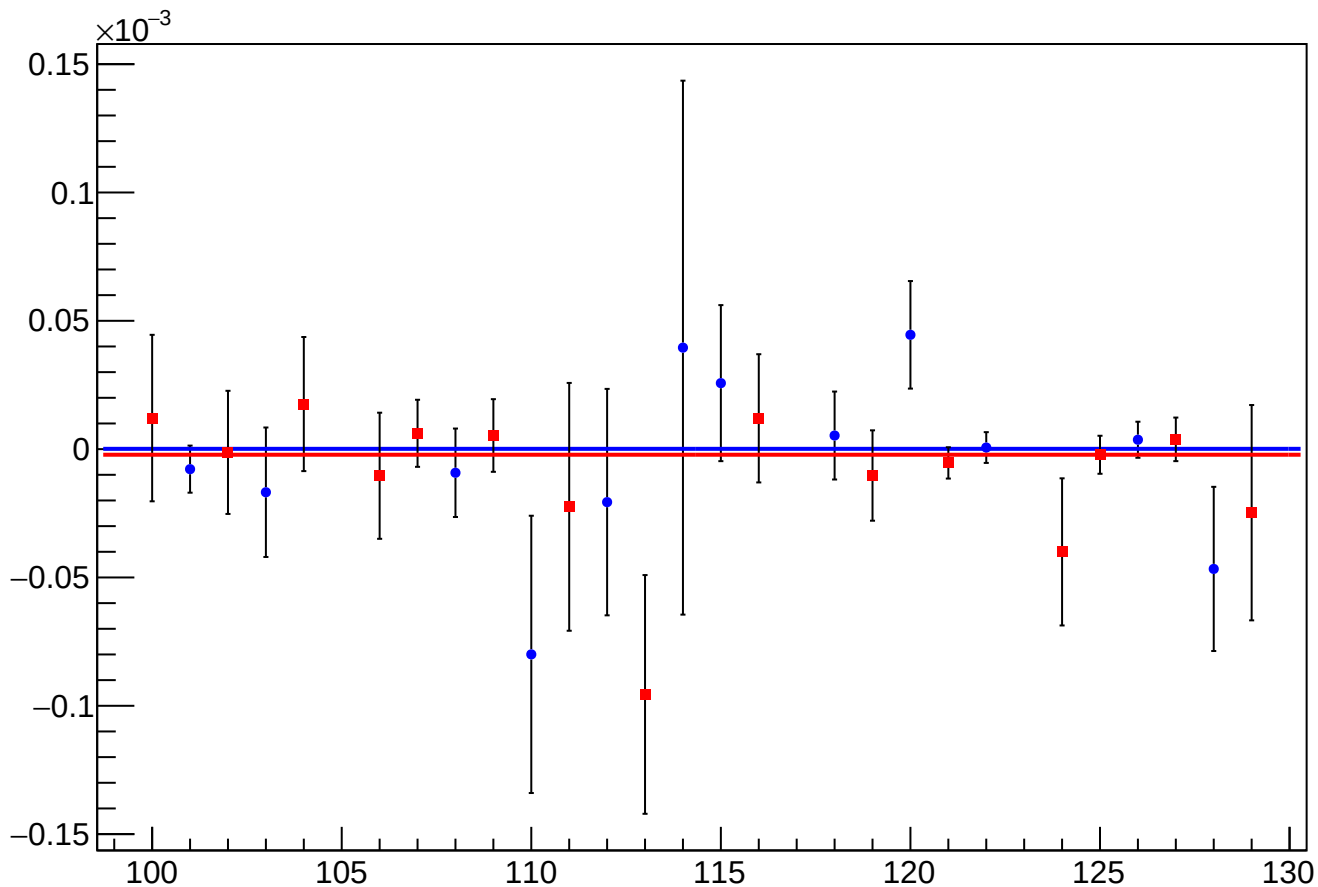
Right: 126.944+/-0.030 χ^2/NDF : 3529158.2/26

In: 125.367+/-0.044 χ^2/NDF : 1777775.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.944+/-0.030 χ^2/NDF : 3529158.2/26

asym_sam2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 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

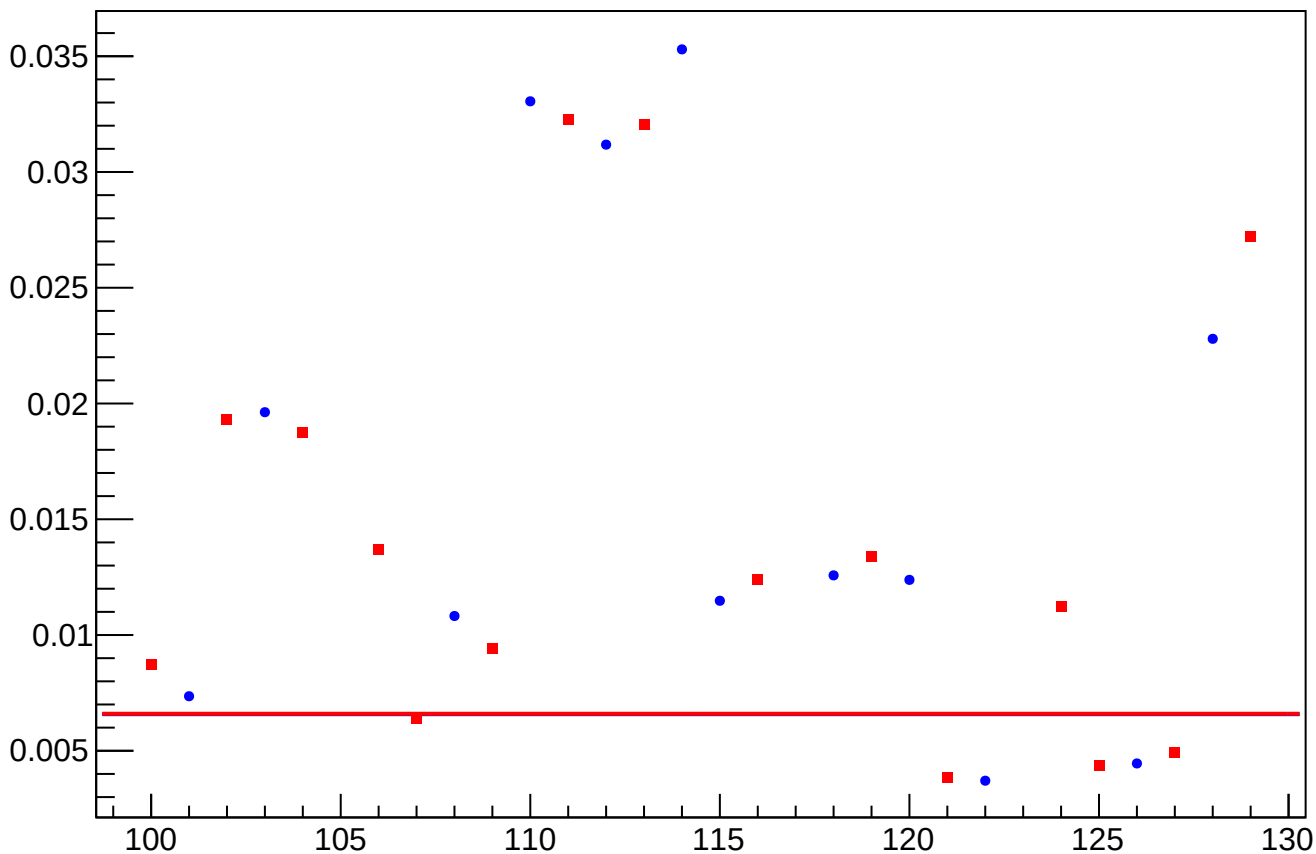
Right: -0.000+/-0.000 χ^2/NDF : 21.1/26

In: 0.000+/-0.000 χ^2/NDF : 11.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.1/26

asym_sam2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 3531955.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-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

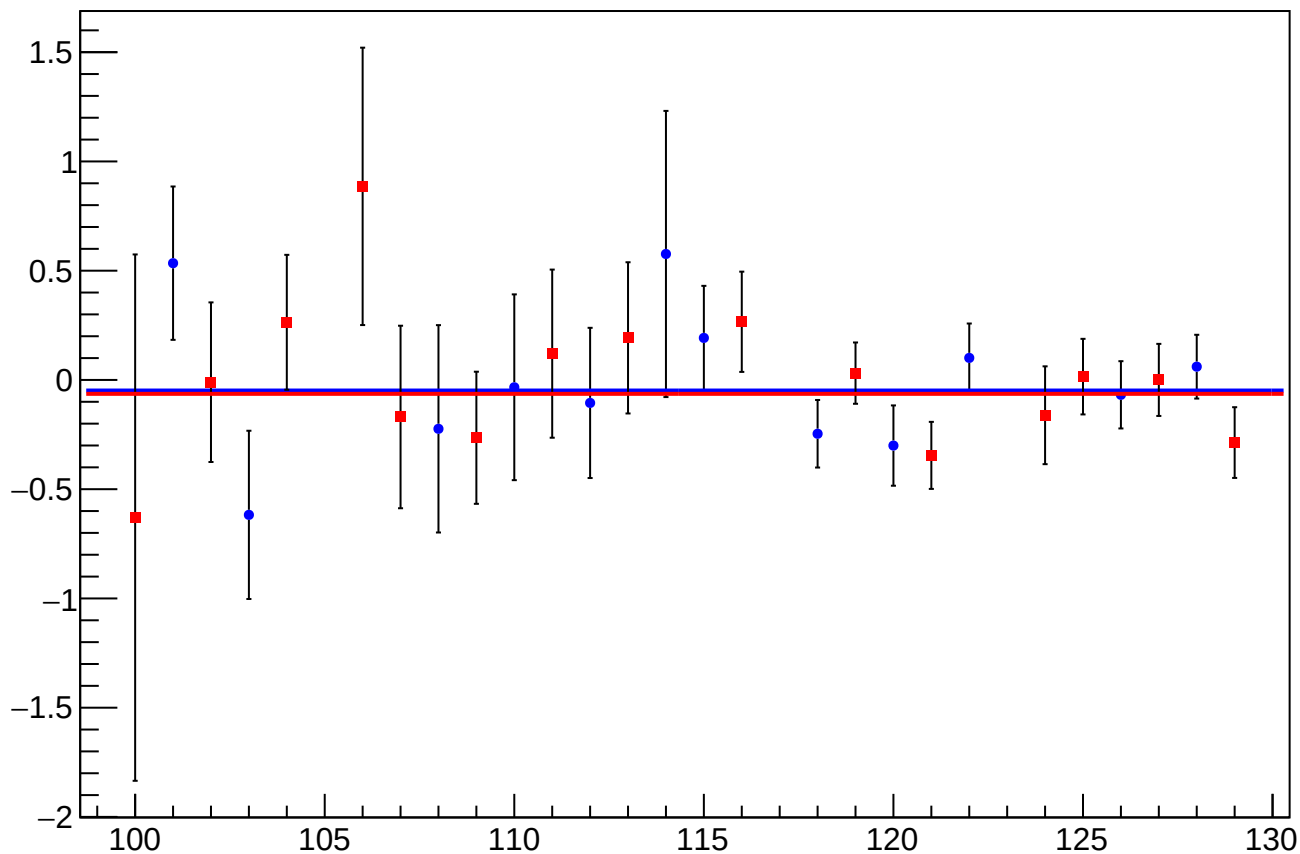
Right: 0.007+/-0.000 χ^2/NDF : 7554670.1/26

In: 0.007+/-0.000 χ^2/NDF : 3531955.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 7554670.1/26

asym_sam2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.048 ± 0.063 $\chi^2/\text{NDF}: 12.0/11$

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 $\chi^2/\text{NDF}: 0.0/0$

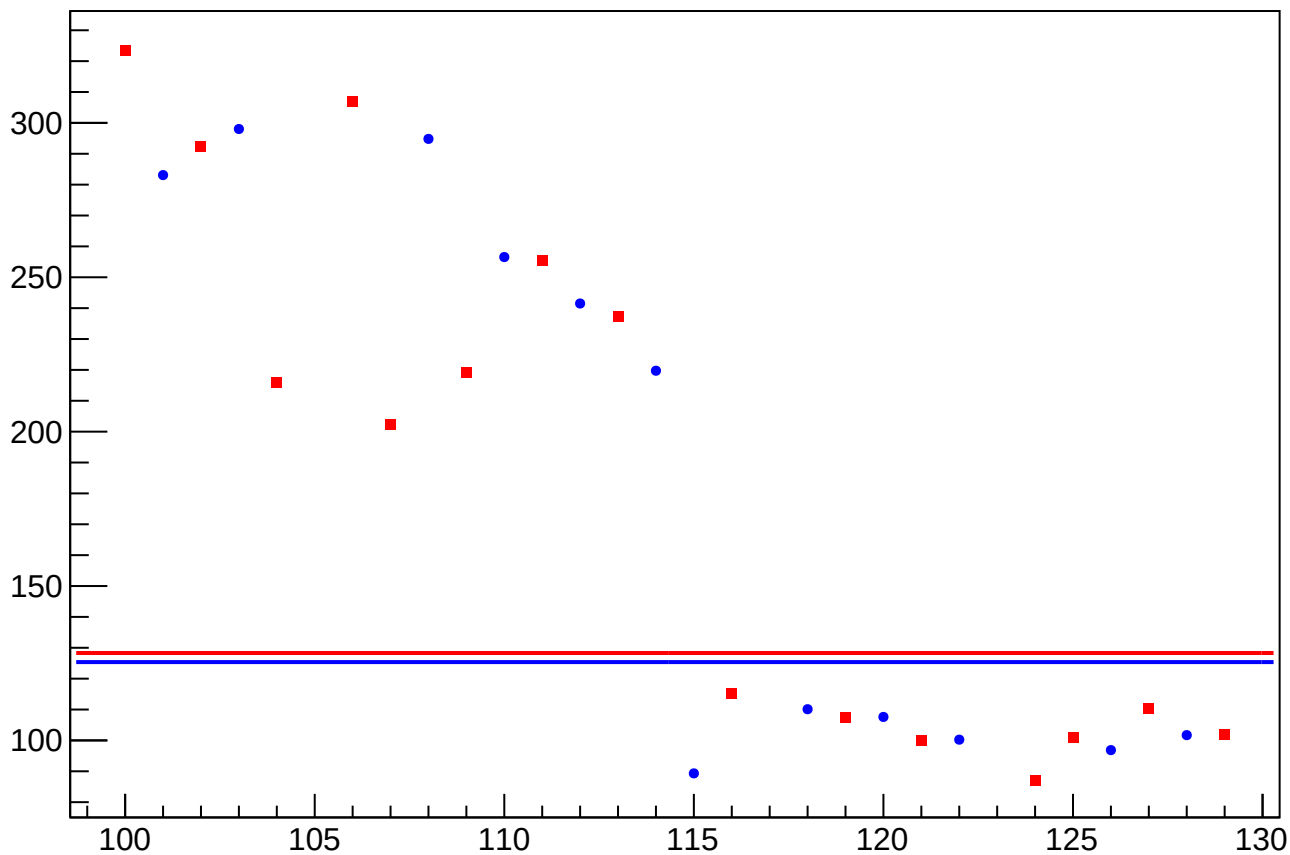
Right: -0.057 ± 0.043 $\chi^2/\text{NDF}: 25.3/26$

In: -0.048 ± 0.063 $\chi^2/\text{NDF}: 12.0/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.057 ± 0.043 $\chi^2/\text{NDF}: 25.3/26$

asym_sam2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 125.365+/-0.044 χ^2/NDF : 1777728.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

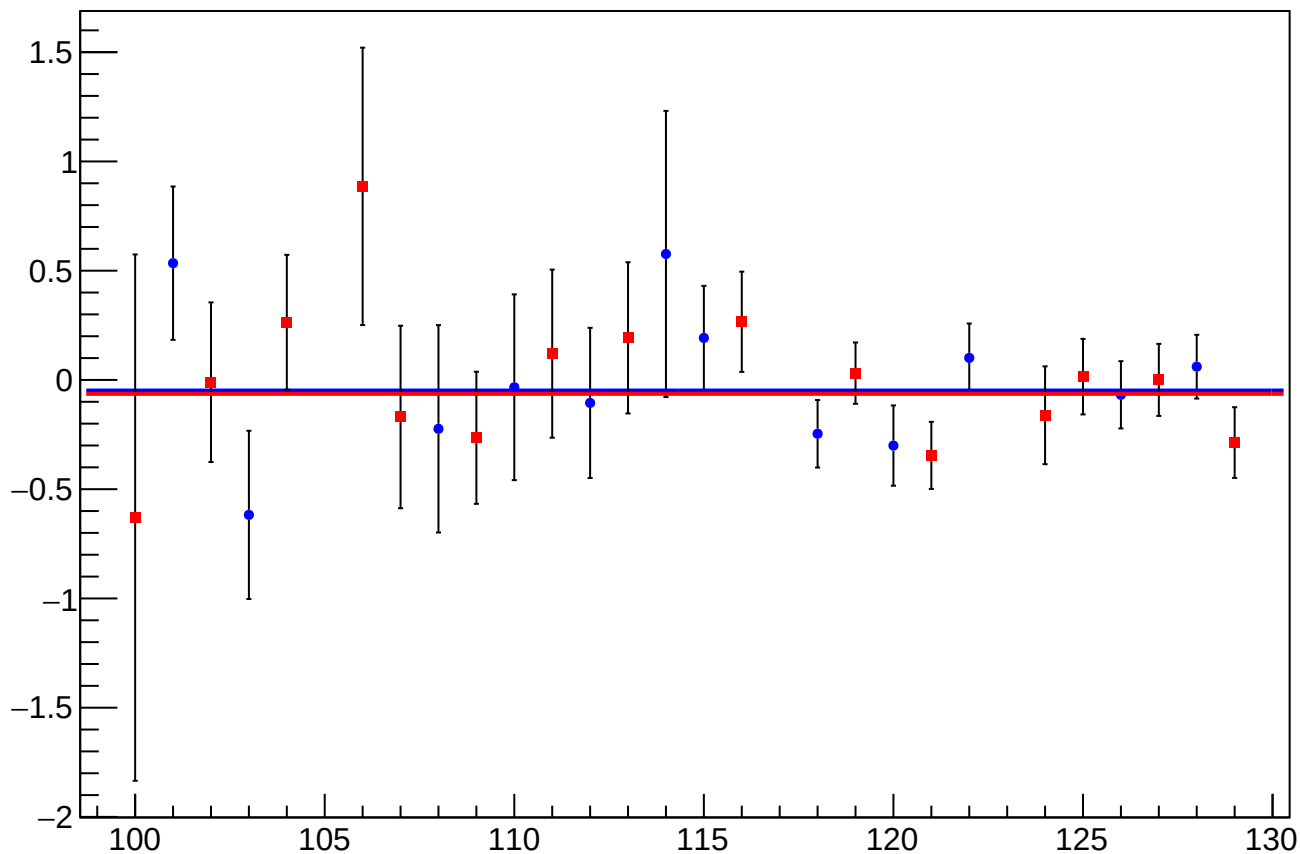
Right: 126.943+/-0.030 χ^2/NDF : 3529080.7/26

In: 125.365+/-0.044 χ^2/NDF : 1777728.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.943+/-0.030 χ^2/NDF : 3529080.7/26

asym_sam2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.048 ± 0.063 $\chi^2/\text{NDF}: 12.0/11$

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 $\chi^2/\text{NDF}: 0.0/0$

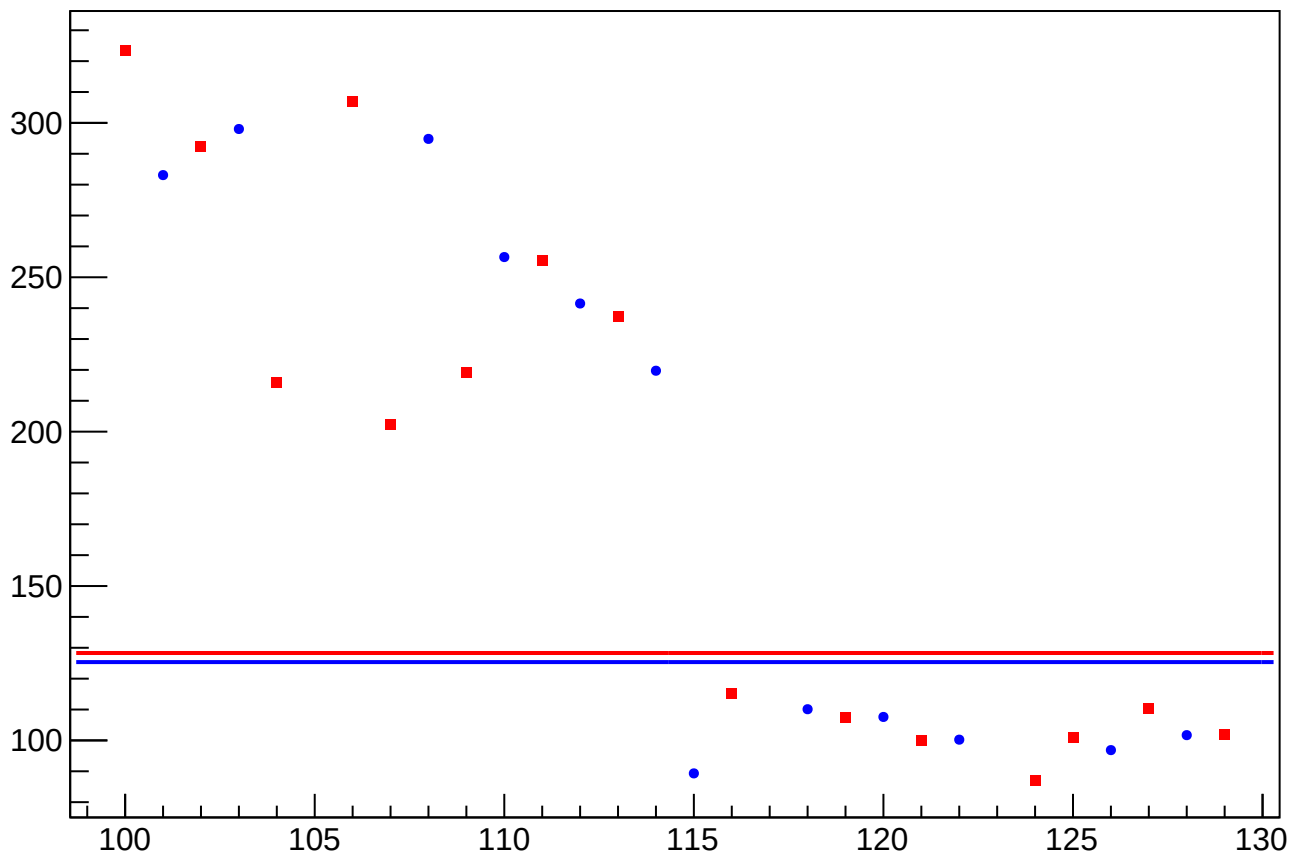
Right: -0.057 ± 0.043 $\chi^2/\text{NDF}: 25.3/26$

In: -0.048 ± 0.063 $\chi^2/\text{NDF}: 12.0/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.057 ± 0.043 $\chi^2/\text{NDF}: 25.3/26$

asym_sam2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 125.365+/-0.044 χ^2/NDF : 1777728.8/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

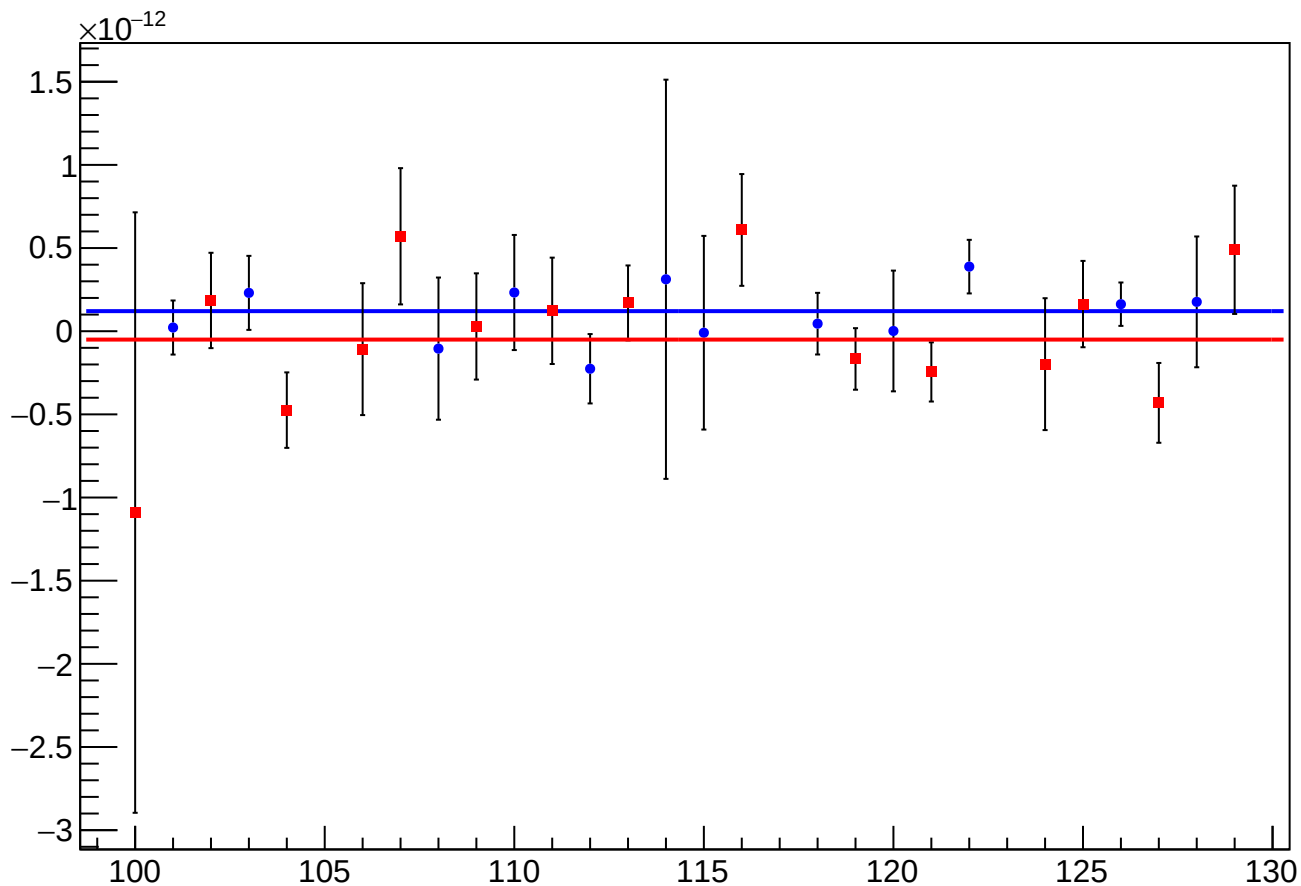
Right: 126.943+/-0.030 χ^2/NDF : 3529080.7/26

In: 125.365+/-0.044 χ^2/NDF :1777728.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 126.943+/-0.030 χ^2/NDF : 3529080.7/26

asym_sam2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 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

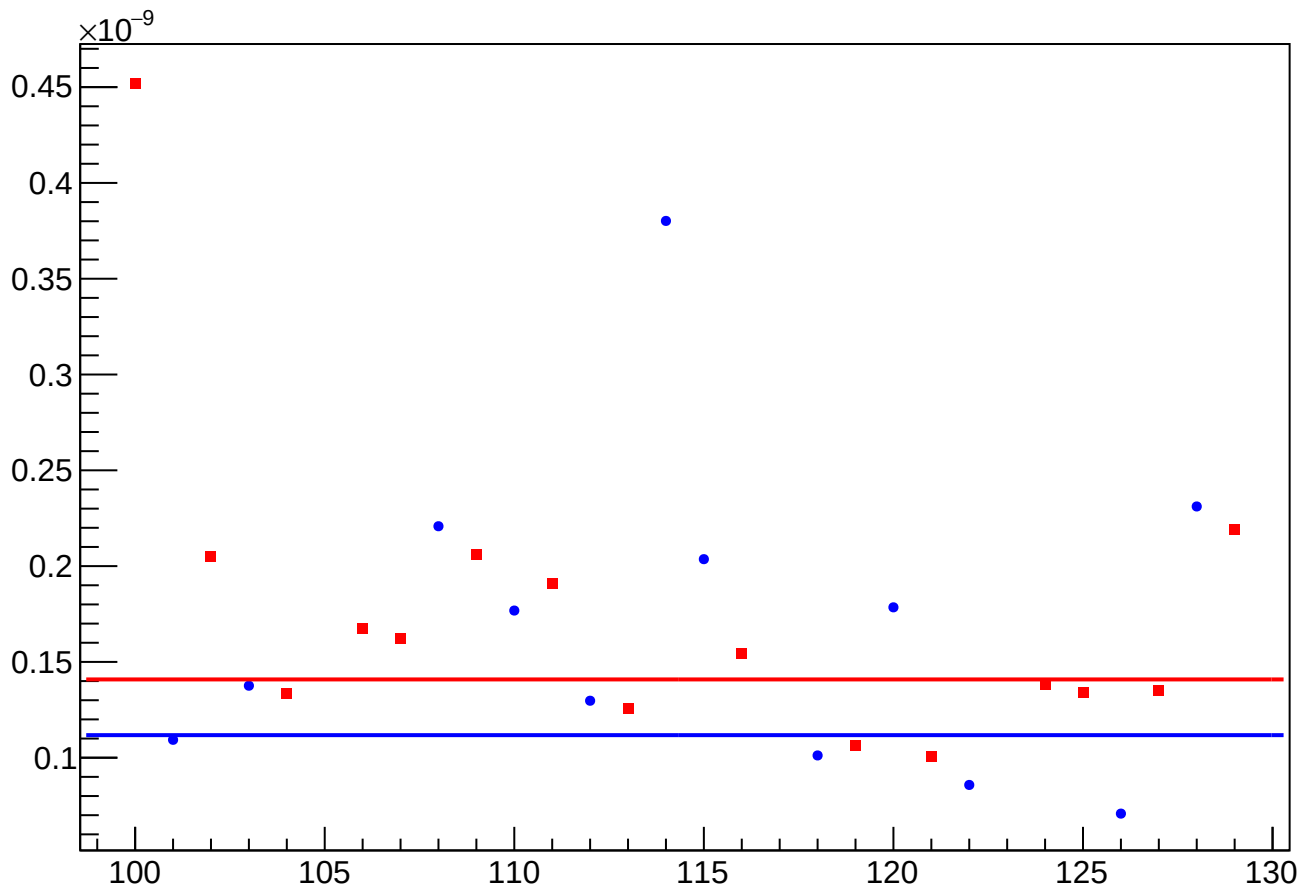
Right: 0.000+/-0.000 χ^2/NDF : 29.0/26

In: 0.000+/-0.000 χ^2/NDF : 7.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.0/26

asym_sam2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 900359.7/11

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

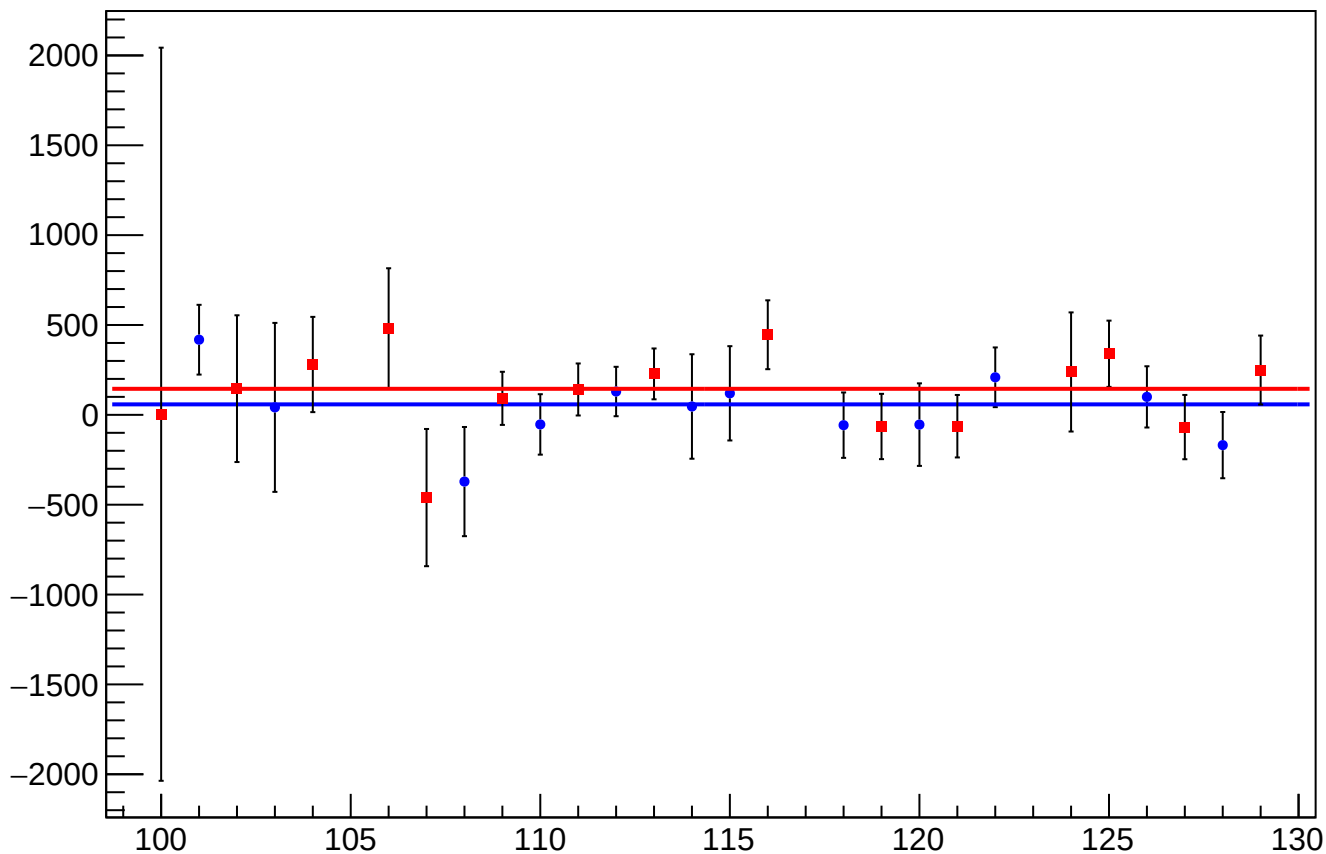
Right: 0.000+/-0.000 χ^2/NDF : 1662230.7/26

In: 0.000+/-0.000 χ^2/NDF : 900359.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1662230.7/26

reg_asym_sam3_mean vs Slug, Sign Corrected



Right In: 58.297+/-57.186 χ^2/NDF : 9.2/11

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

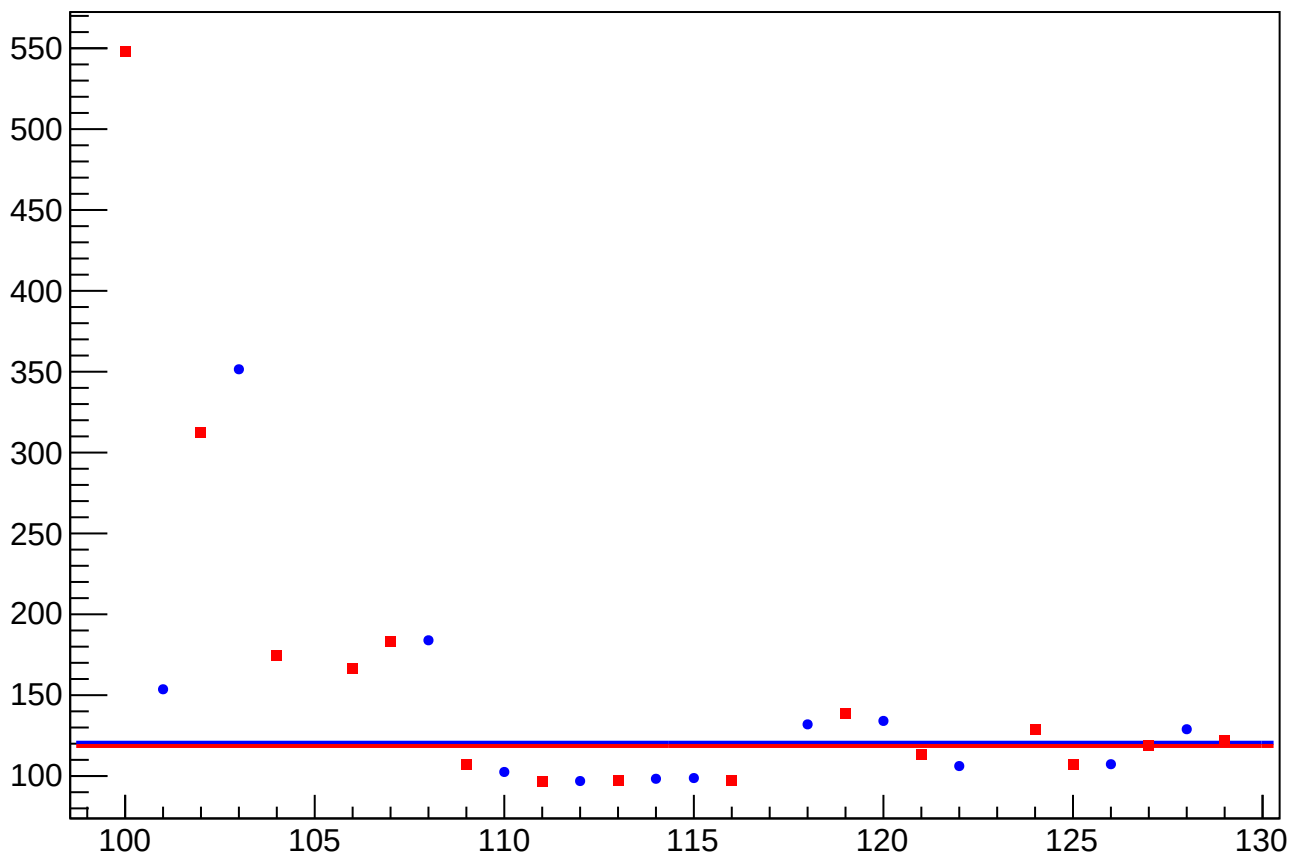
Right: 105.530+/-38.547 χ^2/NDF : 22.9/26

In: 58.297+/-57.186 χ^2/NDF : 9.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.530+/-38.547 χ^2/NDF : 22.9/26

reg_asym_sam3_rms vs Slug, Sign Corrected



Right In: 120.596+/-0.040 χ^2/NDF : 781491.5/11

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

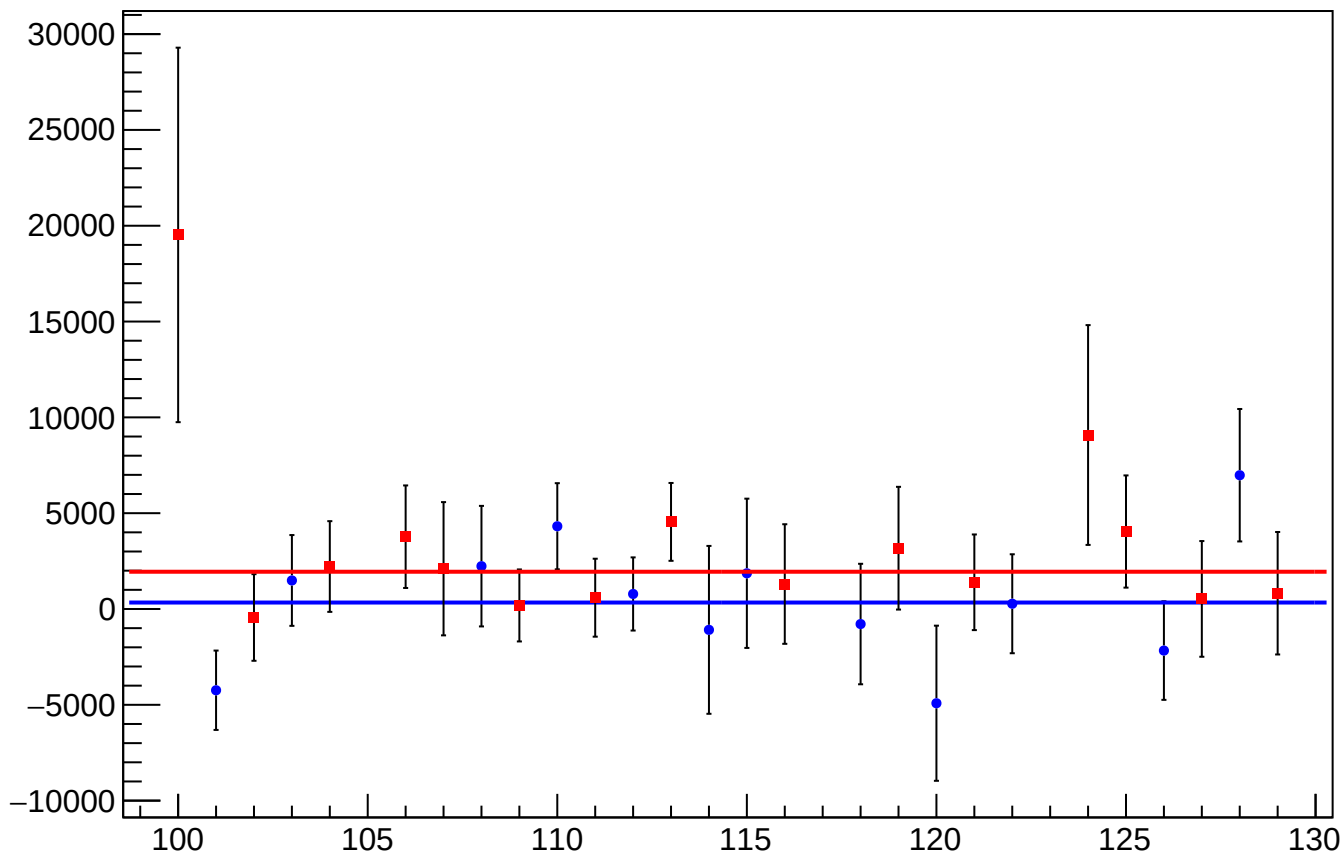
Right: 119.503+/-0.027 χ^2/NDF : 1673866.6/26

In: 120.596+/-0.040 χ^2/NDF : 781491.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.503+/-0.027 χ^2/NDF : 1673866.6/26

asym_sam3_reg_correction_mean vs Slug, Sign Corrected



Right In: 337.332+/-778.486 χ^2/NDF : 15.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

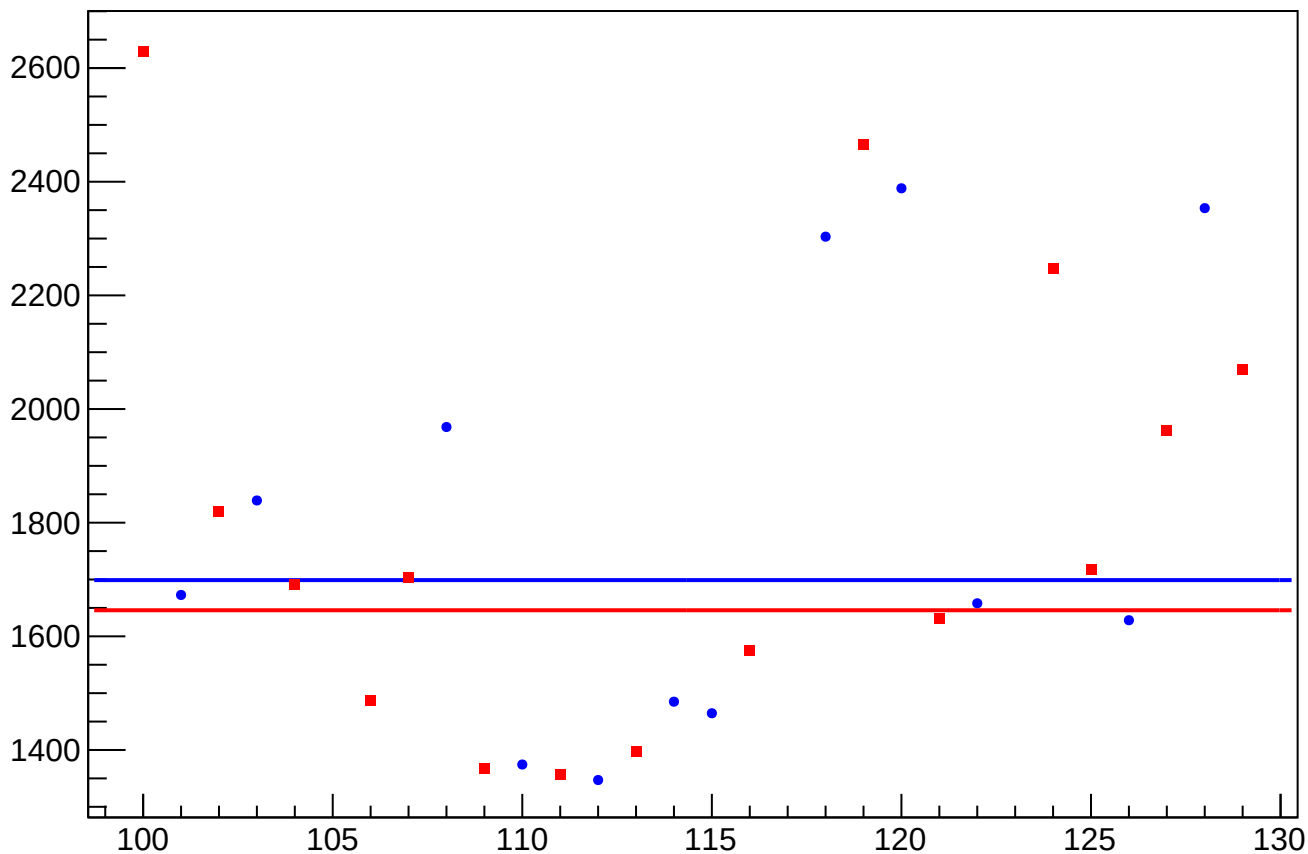
Right: 1235.414+/-517.072 χ^2/NDF : 28.2/26

In: 337.332+/-778.486 χ^2/NDF : 15.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1235.414+/-517.072 χ^2/NDF : 28.2/26

asym_sam3_reg_correction_rms vs Slug, Sign Corrected



Right In: 1698.925+/-0.550 χ^2/NDF : 349328.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

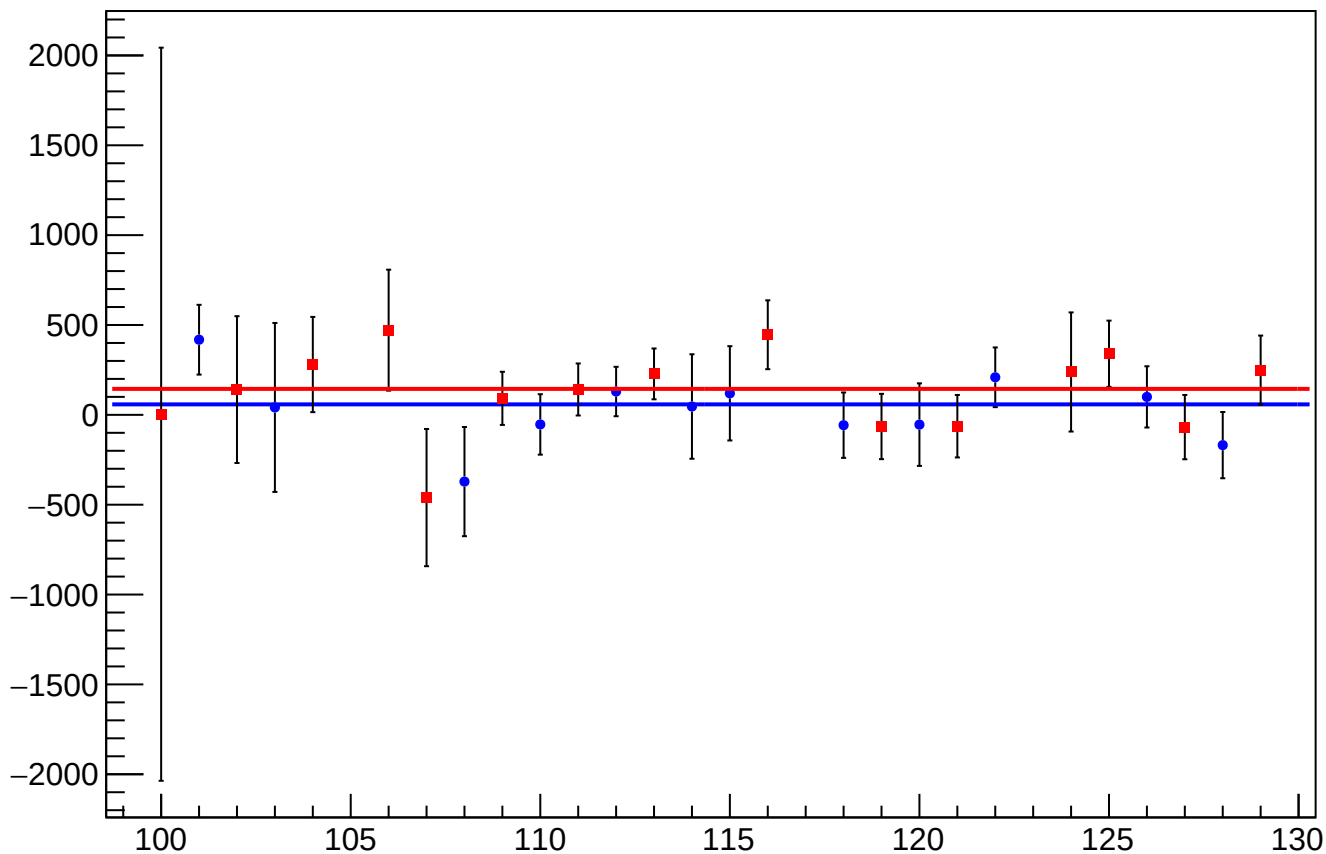
Right: 1669.291+/-0.366 χ^2/NDF : 721251.3/26

In: 1698.925+/-0.550 χ^2/NDF : 349328.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1669.291+/-0.366 χ^2/NDF : 721251.3/26

cor_asym_sam3_mean vs Slug, Sign Corrected



Right In: 58.280+/-57.186 χ^2/NDF : 9.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

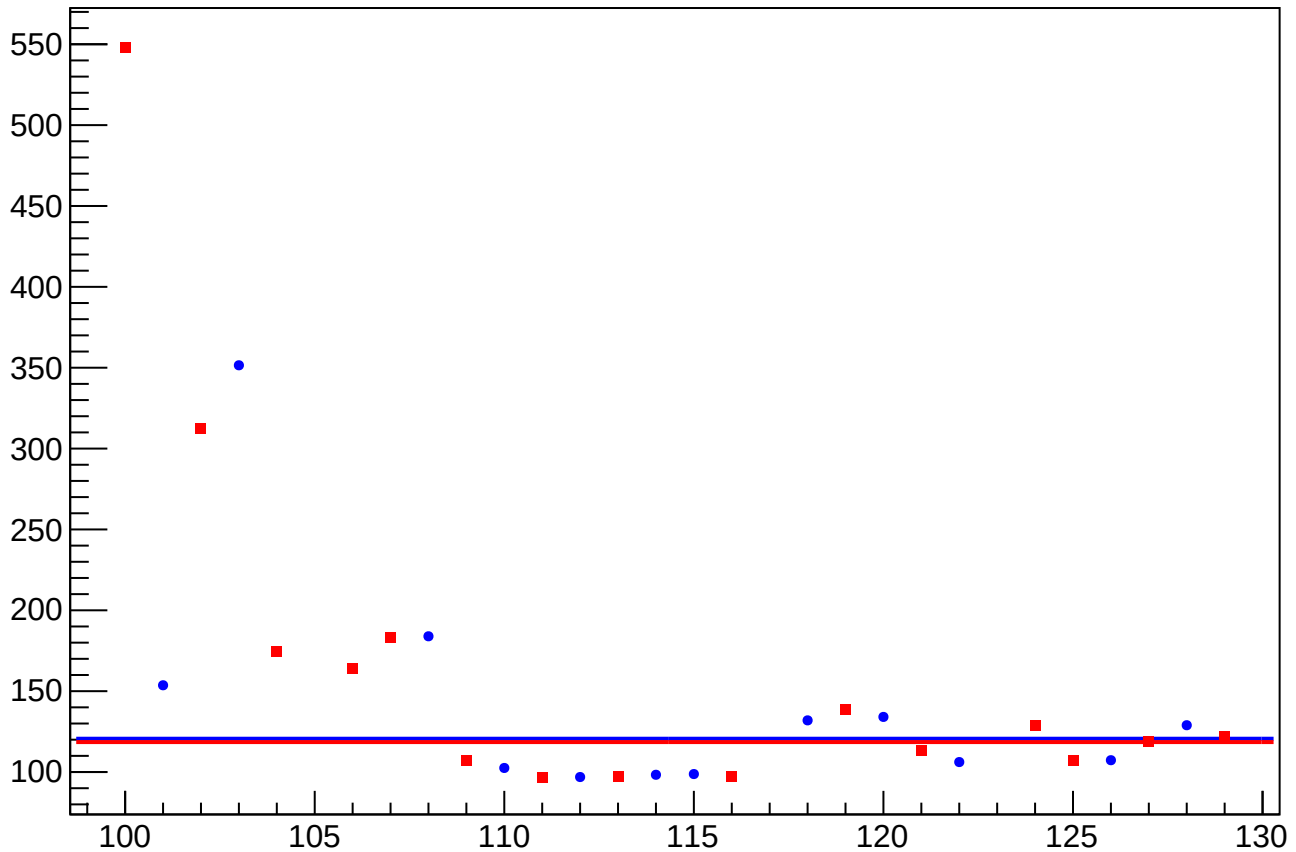
Right: 105.319+/-38.548 χ^2/NDF : 22.8/26

In: 58.280+/-57.186 χ^2/NDF : 9.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.319+/-38.548 χ^2/NDF : 22.8/26

cor_asym_sam3_rms vs Slug, Sign Corrected



Right In: 120.596+/-0.040 χ^2/NDF : 781493.6/11

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

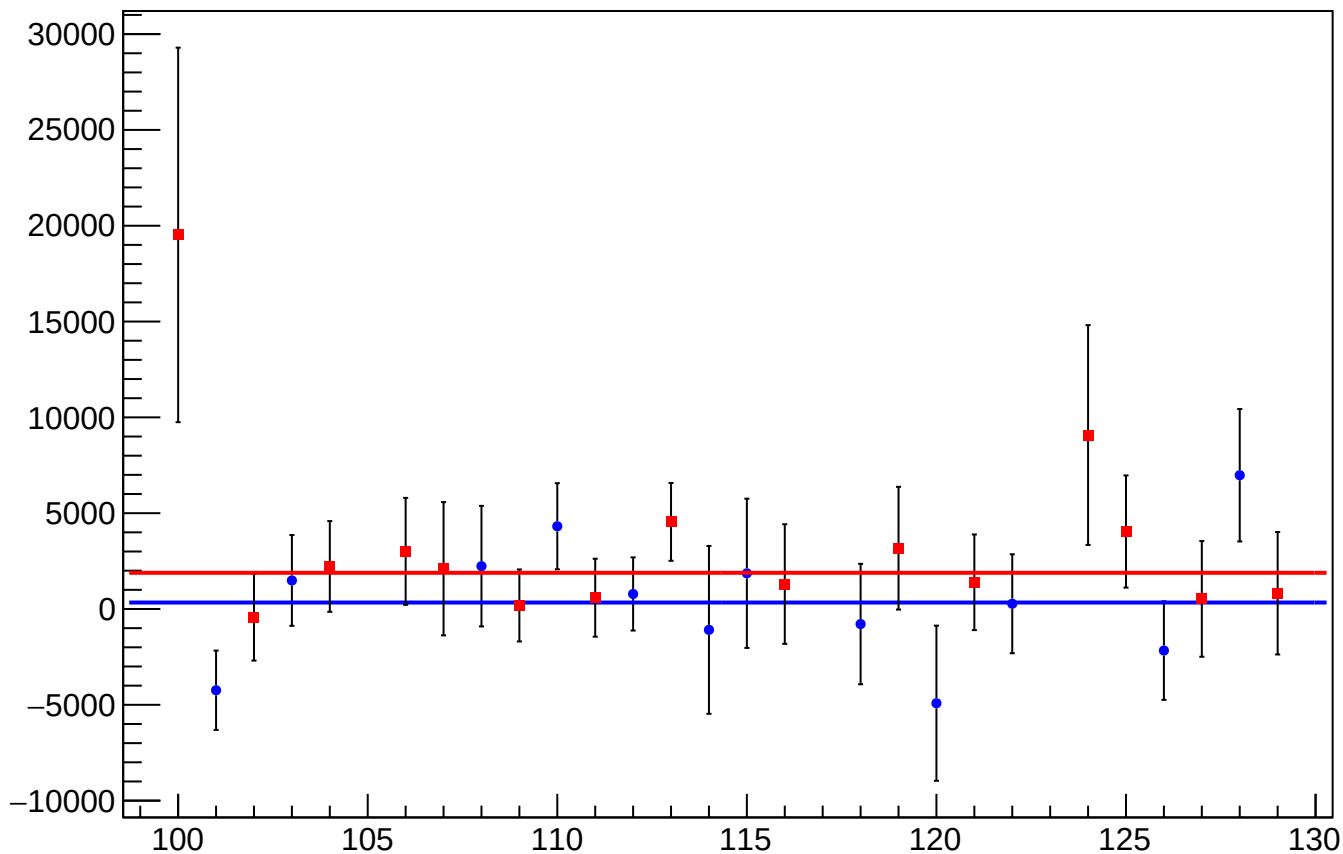
Right: 119.466+/-0.027 χ^2/NDF : 1669817.6/26

In: 120.596+/-0.040 χ^2/NDF : 781493.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.466+/-0.027 χ^2/NDF : 1669817.6/26

asym_sam3_cor_correction_mean vs Slug, Sign Corrected



Right In: 337.374+/-778.495 χ^2/NDF : 15.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

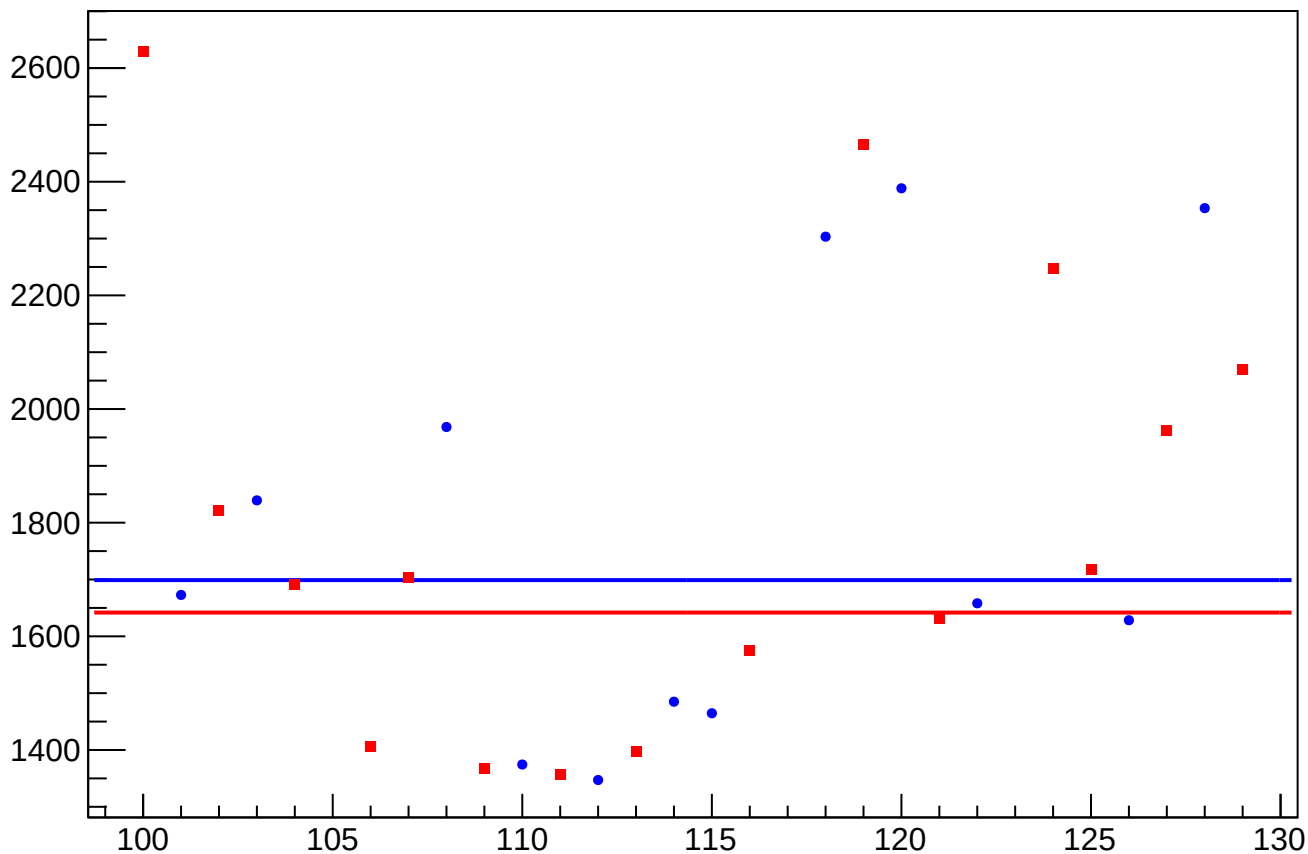
Right: 1202.337+/-517.882 χ^2/NDF : 27.7/26

In: 337.374+/-778.495 χ^2/NDF : 15.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1202.337+/-517.882 χ^2/NDF : 27.7/26

asym_sam3_cor_correction_rms vs Slug, Sign Corrected



Right In: 1698.943+/-0.550 χ^2/NDF : 349347.7/11

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

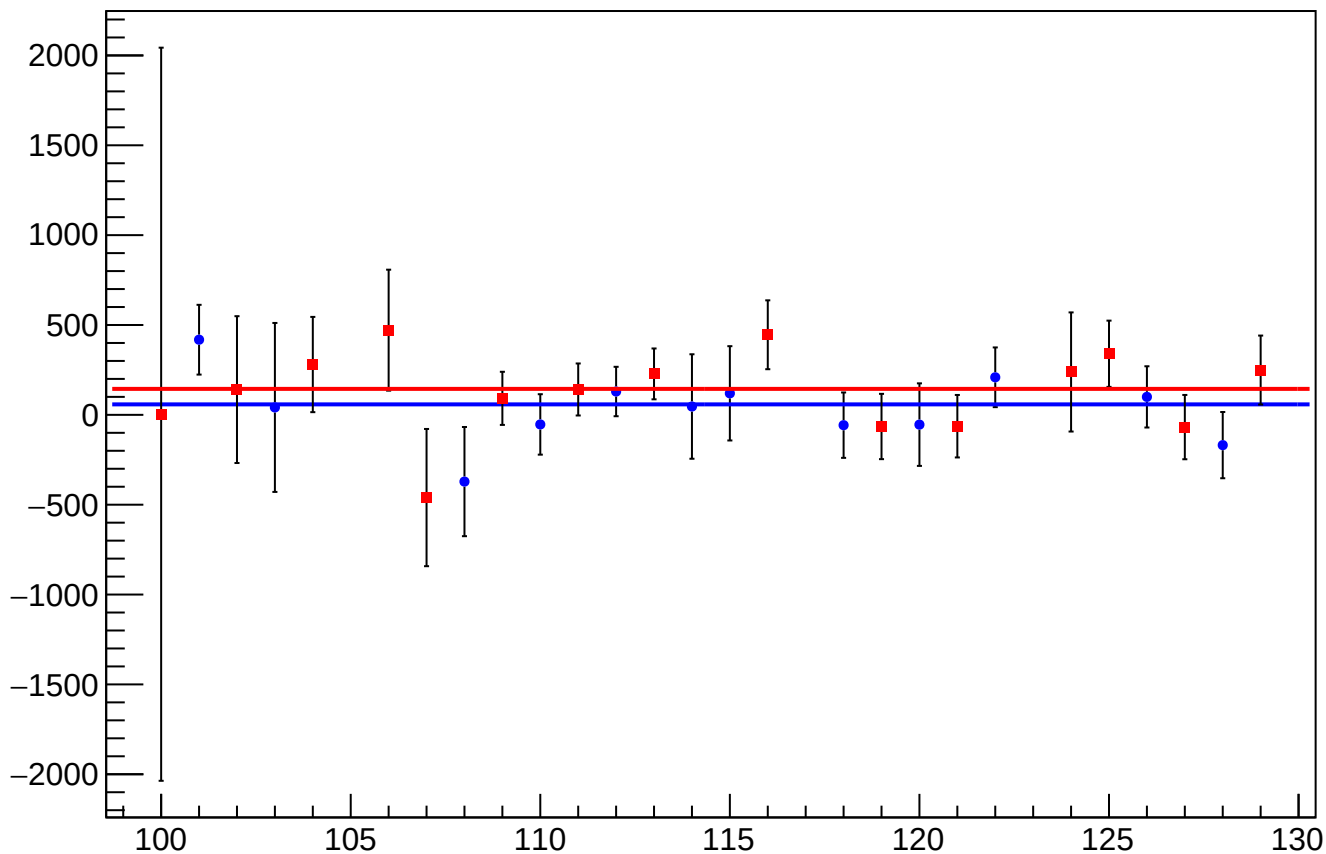
Right: 1667.122+/-0.366 χ^2/NDF : 729917.2/26

In: 1698.943+/-0.550 χ^2/NDF :349347.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1667.122+/-0.366 χ^2/NDF : 729917.2/26

eigen_cor_asym_sam3_mean vs Slug, Sign Corrected



Right In: 58.280+/-57.186 χ^2/NDF : 9.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

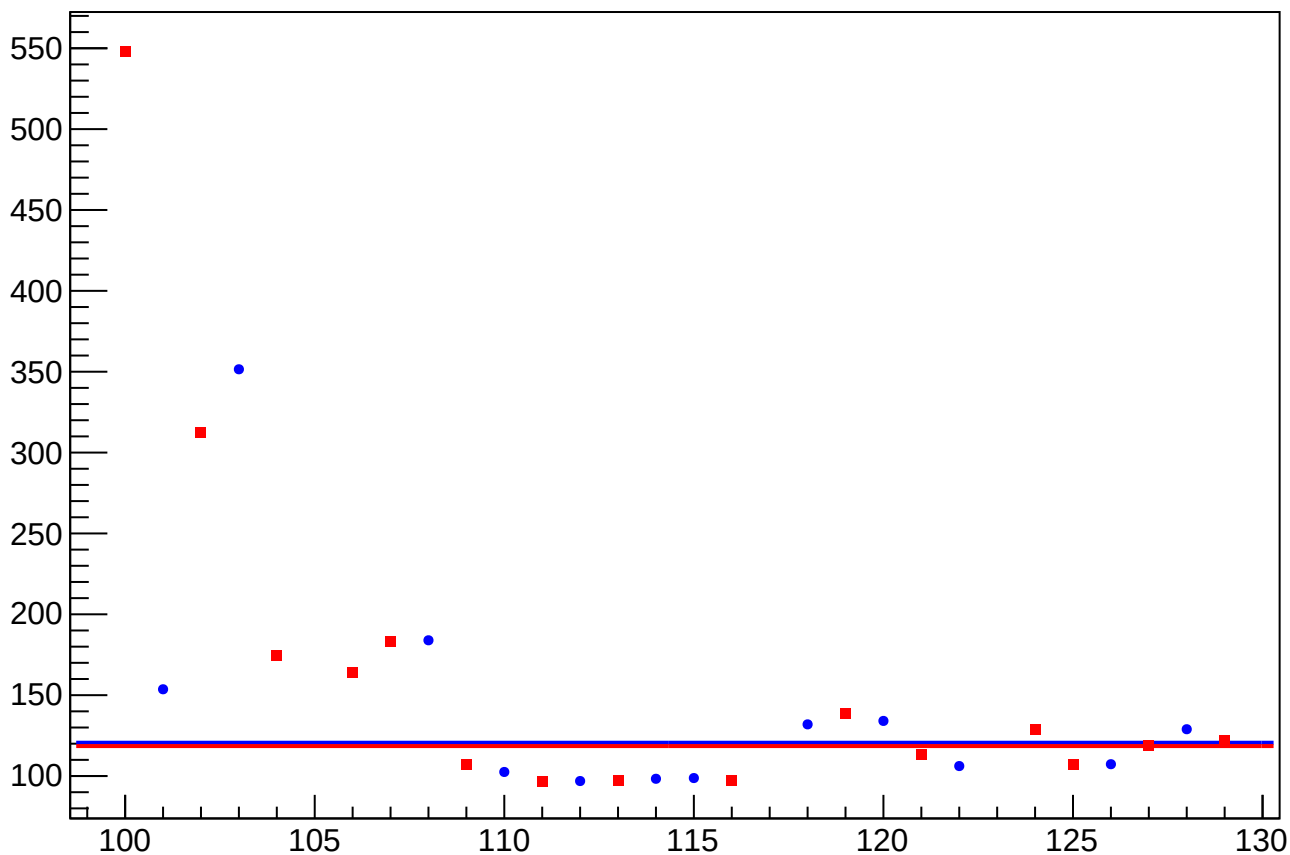
Right: 105.319+/-38.548 χ^2/NDF : 22.8/26

In: 58.280+/-57.186 χ^2/NDF : 9.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.319+/-38.548 χ^2/NDF : 22.8/26

eigen_cor_asym_sam3_rms vs Slug, Sign Corrected



Right In: 120.596+/-0.040 χ^2/NDF : 781493.6/11

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

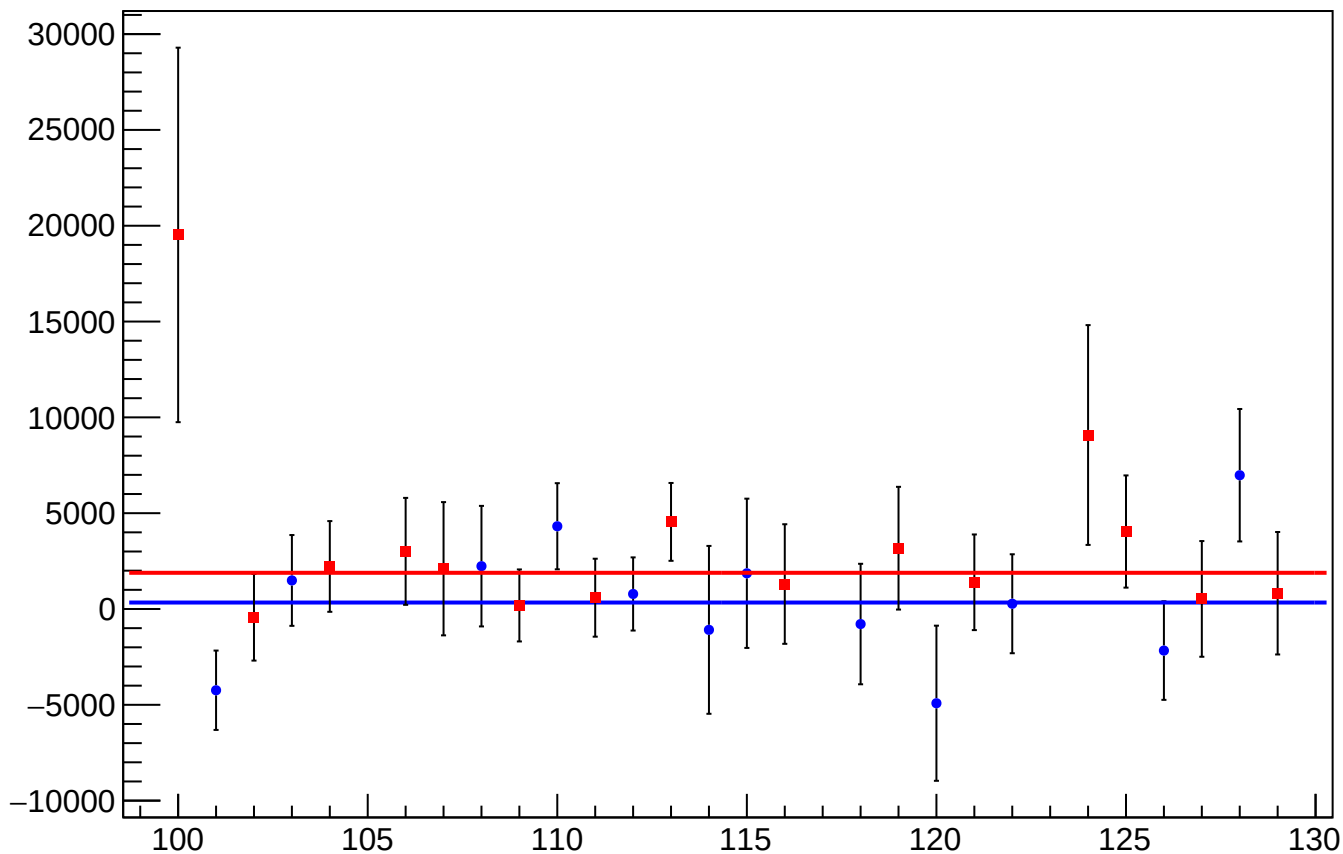
Right: 119.466+/-0.027 χ^2/NDF : 1669817.6/26

In: 120.596+/-0.040 χ^2/NDF : 781493.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.466+/-0.027 χ^2/NDF : 1669817.6/26

asym_sam3_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 337.374+/-778.495 χ^2/NDF : 15.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

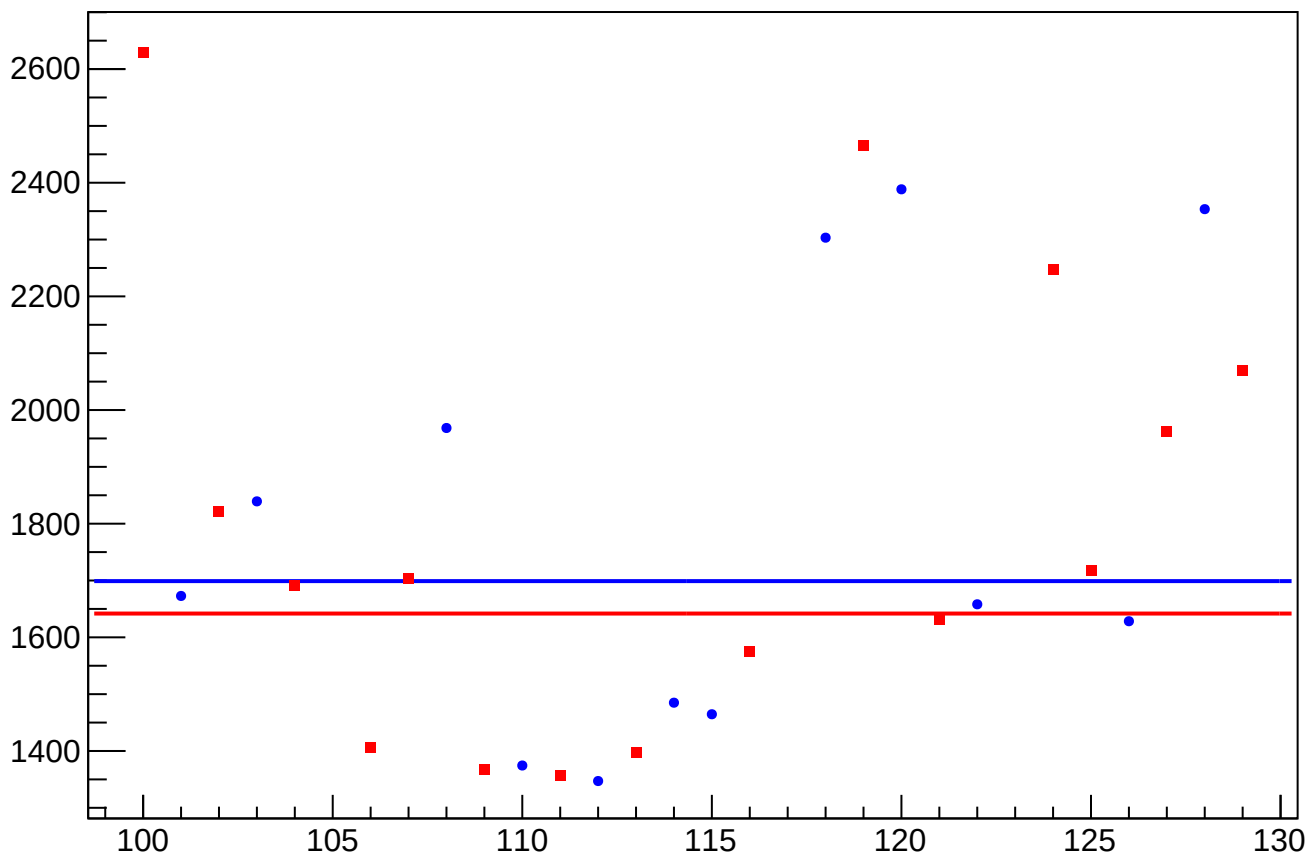
Right: 1202.337+/-517.882 χ^2/NDF : 27.7/26

In: 337.374+/-778.495 χ^2/NDF : 15.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1202.337+/-517.882 χ^2/NDF : 27.7/26

asym_sam3_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1698.943+/-0.550 χ^2/NDF : 349347.7/11

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

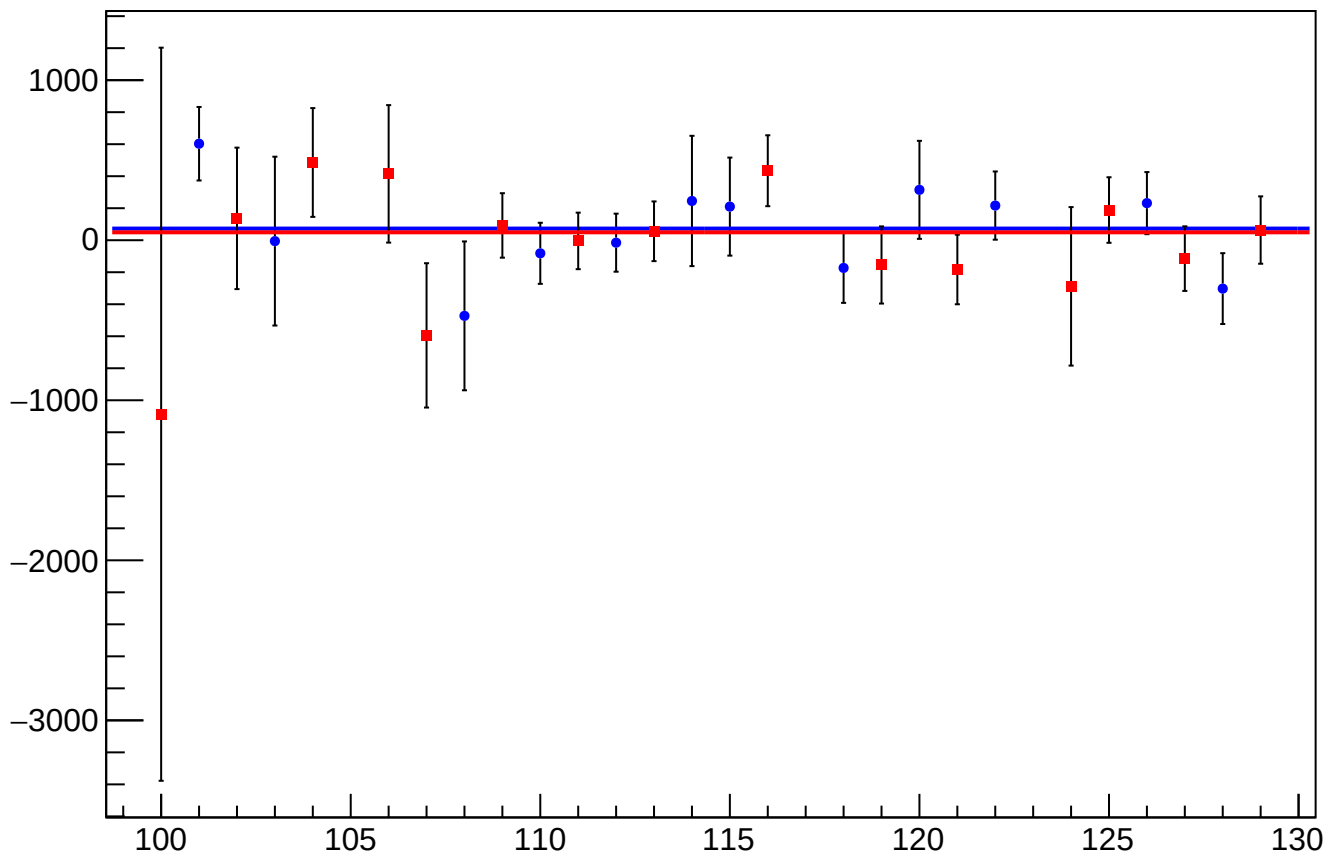
Right: 1667.122+/-0.366 χ^2/NDF : 729917.2/26

In: 1698.943+/-0.550 χ^2/NDF : 349347.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1667.122+/-0.366 χ^2/NDF : 729917.2/26

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 72.699+/-70.293 χ^2/NDF : 13.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

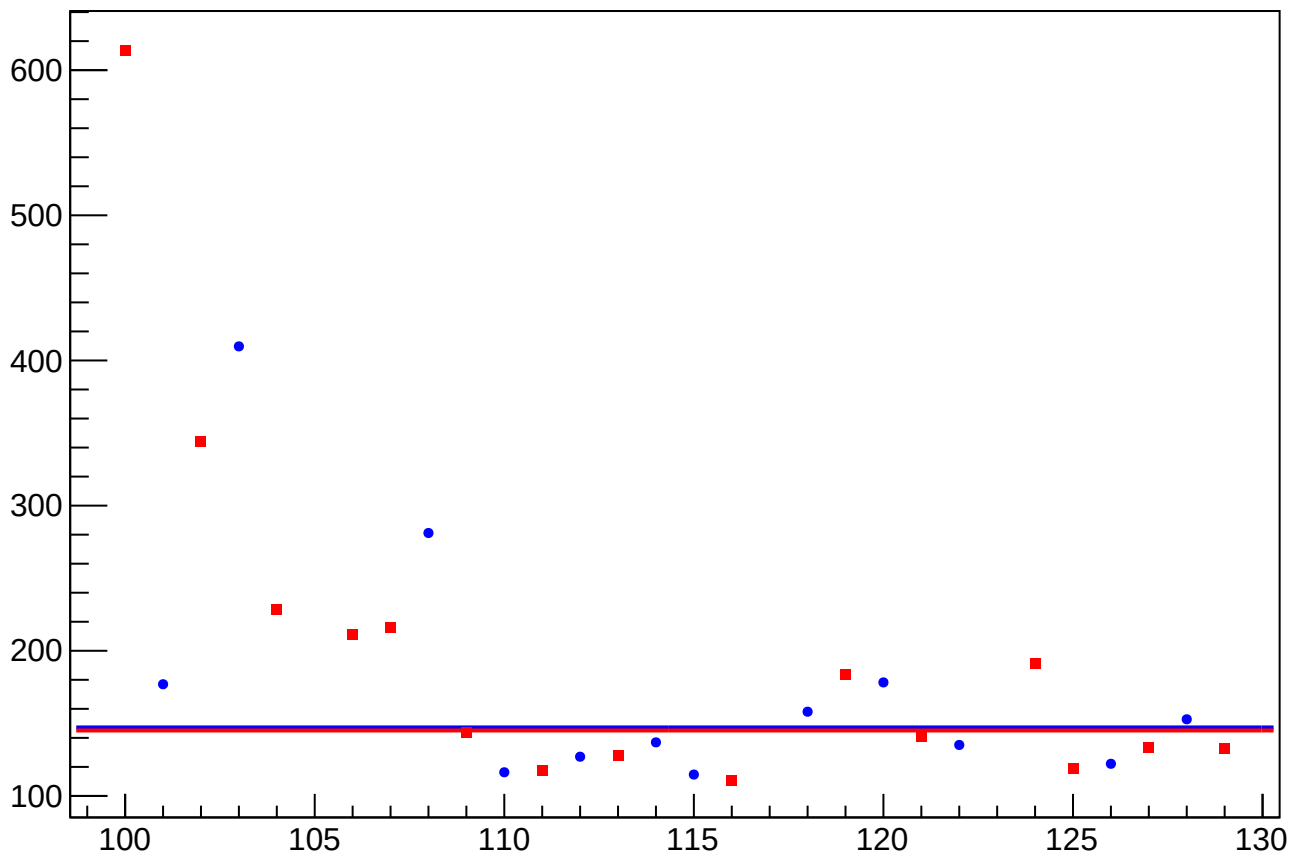
Right: 59.941+/-47.353 χ^2/NDF : 25.3/26

In: 72.699+/-70.293 χ^2/NDF : 13.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.941+/-47.353 χ^2/NDF : 25.3/26

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 147.190+/-0.050 χ^2/NDF : 862308.2/11

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

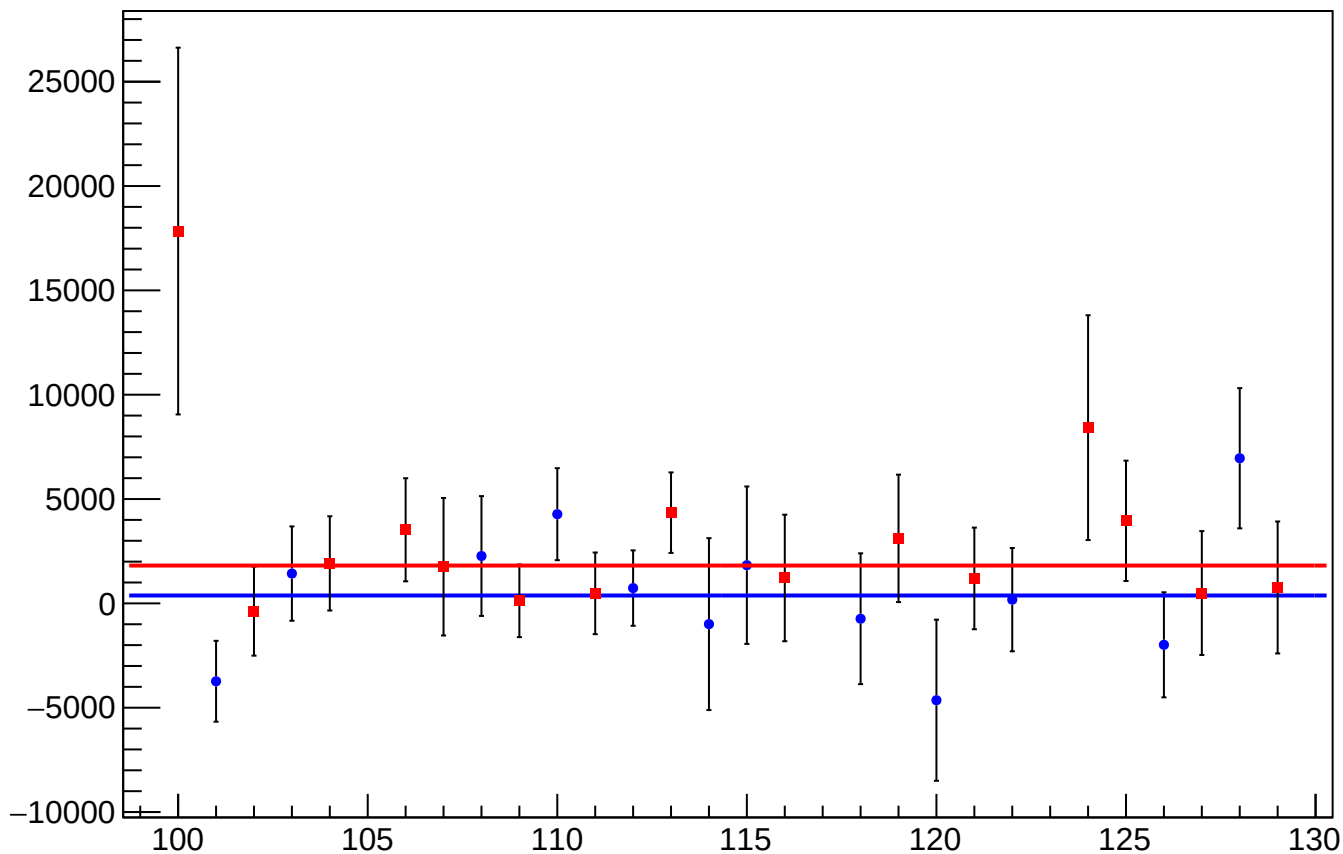
Right: 146.052+/-0.033 χ^2/NDF : 1799369.8/26

In: 147.190+/-0.050 χ^2/NDF : 862308.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 146.052+/-0.033 χ^2/NDF : 1799369.8/26

asym_sam3_dit_correction_mean vs Slug, Sign Corrected



Right In: 376.958+/-744.772 χ^2/NDF : 15.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

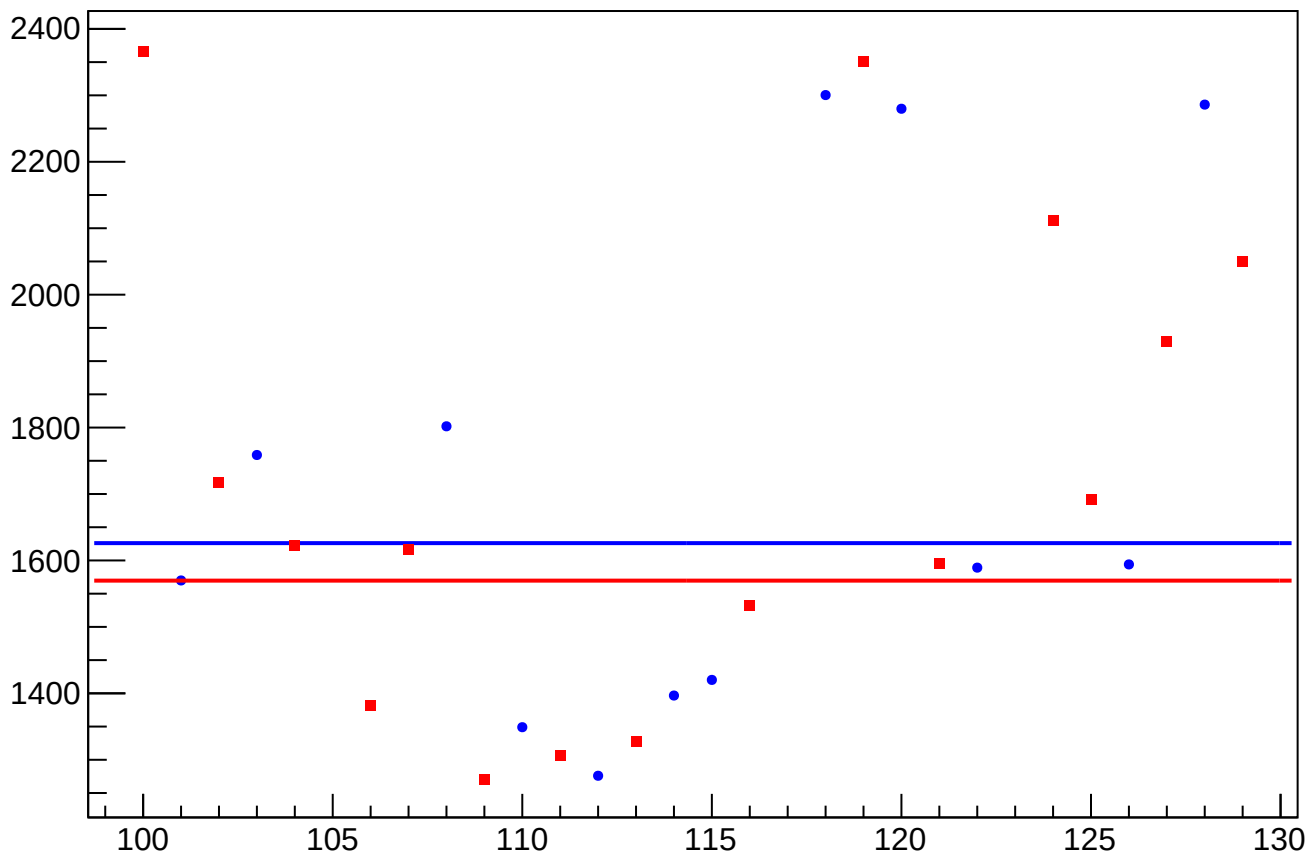
Right: 1181.525+/-493.817 χ^2/NDF : 27.8/26

In: 376.958+/-744.772 χ^2/NDF : 15.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1181.525+/-493.817 χ^2/NDF : 27.8/26

asym_sam3_dit_correction_rms vs Slug, Sign Corrected



Right In: 1626.071+/-0.527 χ^2/NDF : 362690.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

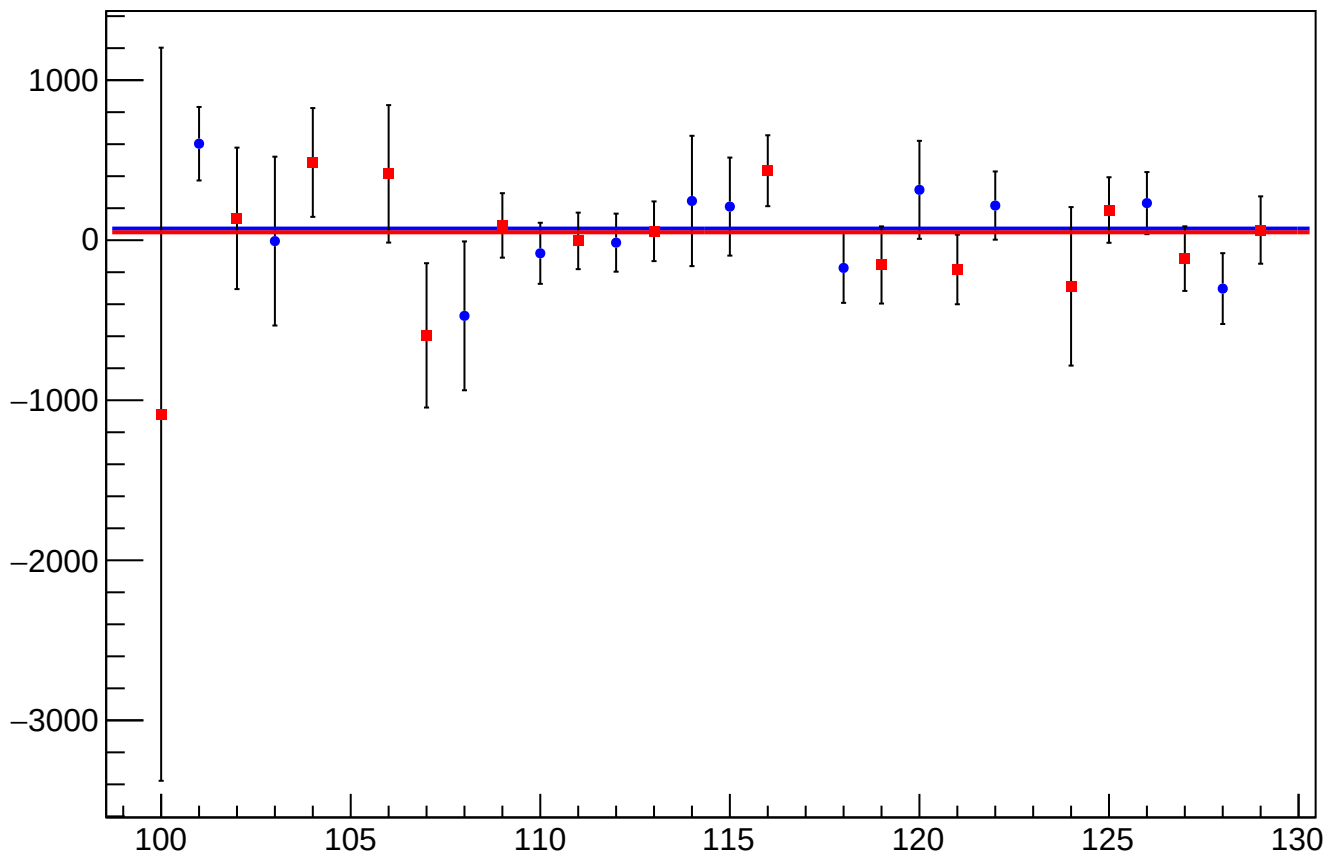
Right: 1594.448+/-0.349 χ^2/NDF : 766272.1/26

In: 1626.071+/-0.527 χ^2/NDF : 362690.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1594.448+/-0.349 χ^2/NDF : 766272.1/26

eigen_dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 72.696+/-70.293 χ^2/NDF : 13.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

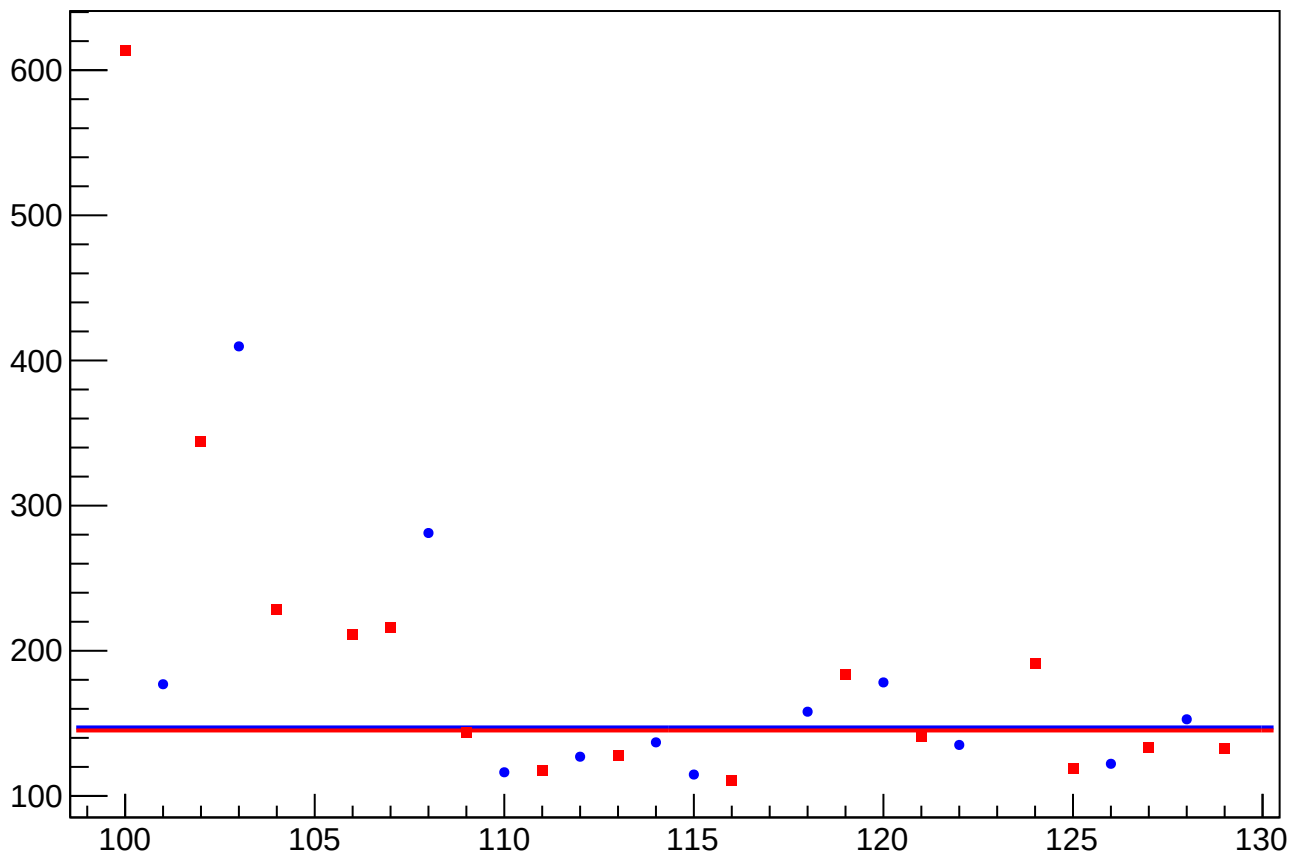
Right: 59.937+/-47.353 χ^2/NDF : 25.3/26

In: 72.696+/-70.293 χ^2/NDF : 13.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.937+/-47.353 χ^2/NDF : 25.3/26

eigen_dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 147.191+/-0.050 χ^2/NDF : 862297.5/11

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

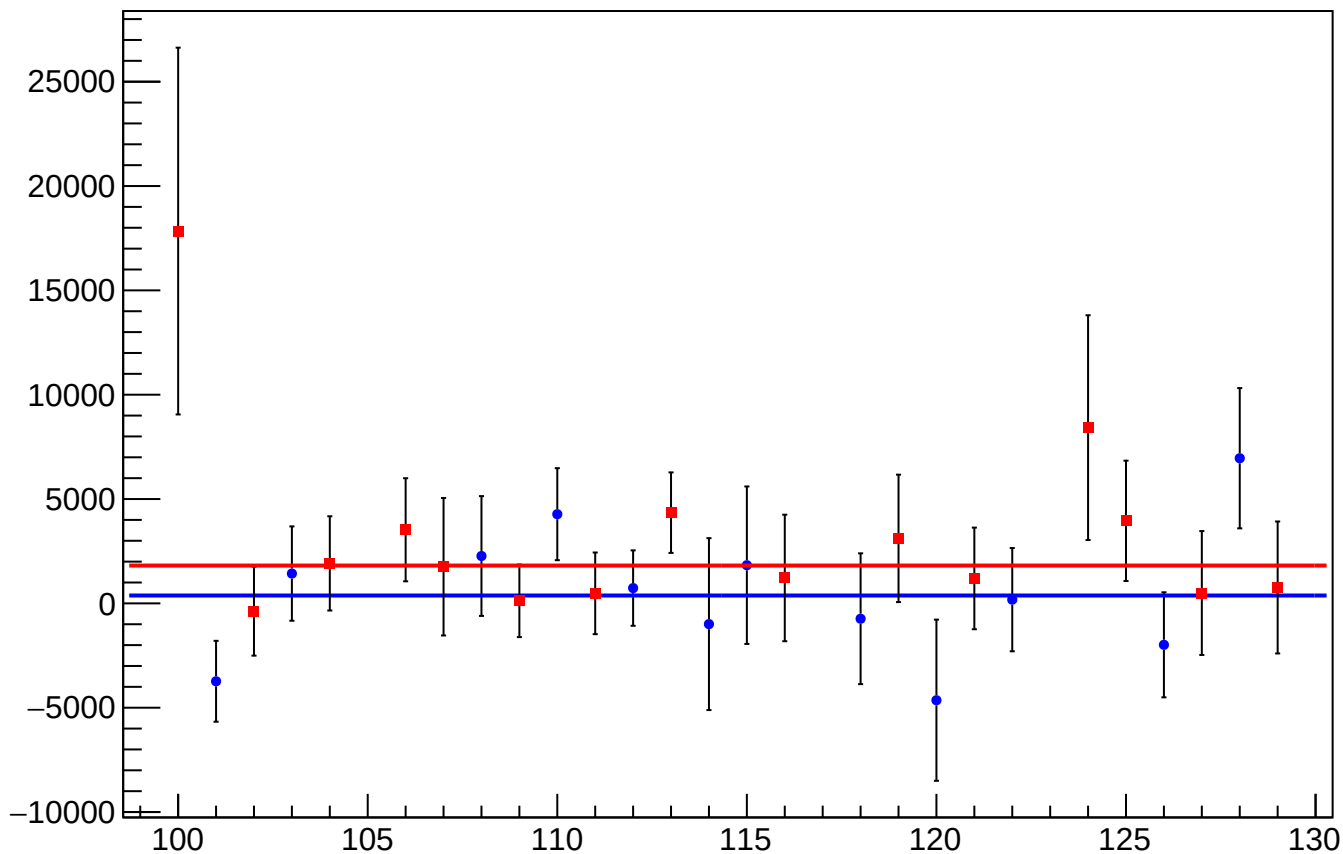
Right: 146.053+/-0.033 χ^2/NDF : 1799355.2/26

In: 147.191+/-0.050 χ^2/NDF : 862297.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 146.053+/-0.033 χ^2/NDF : 1799355.2/26

asym_sam3_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 376.957+/-744.771 χ^2/NDF : 15.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

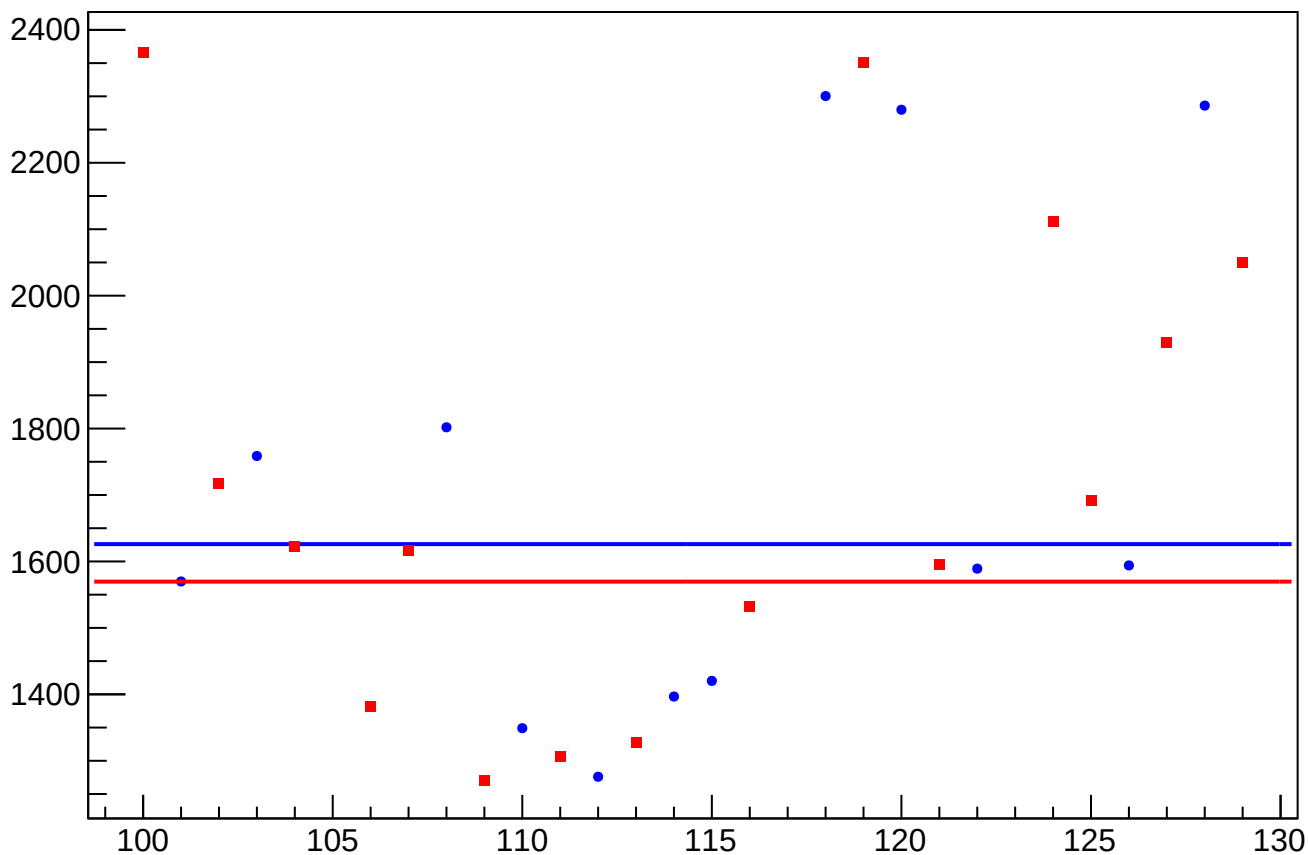
Right: 1181.522+/-493.816 χ^2/NDF : 27.8/26

In: 376.957+/-744.771 χ^2/NDF : 15.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1181.522+/-493.816 χ^2/NDF : 27.8/26

asym_sam3_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1626.068+/-0.527 χ^2/NDF : 362693.4/11

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

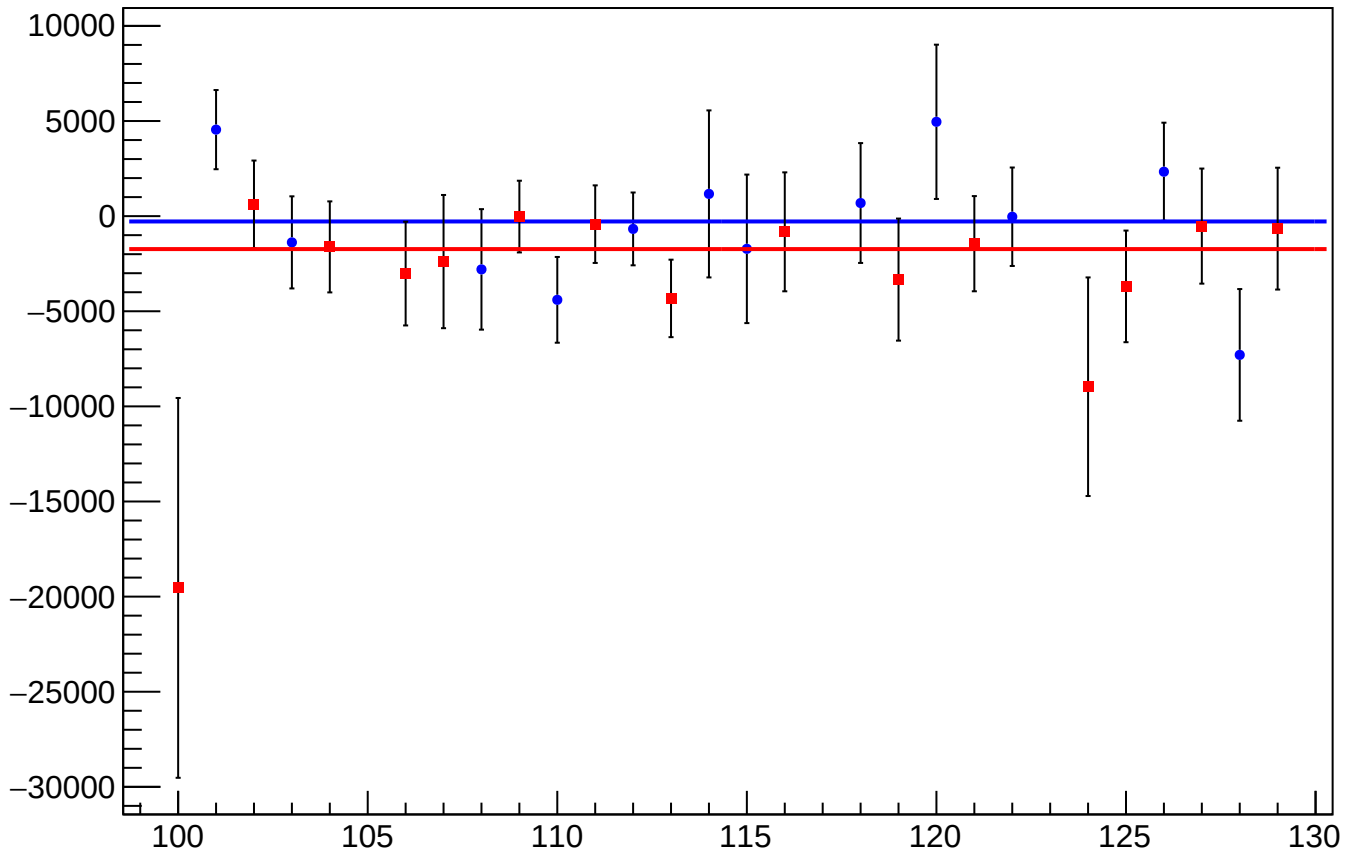
Right: 1594.444+/-0.349 χ^2/NDF : 766274.2/26

In: 1626.068+/-0.527 χ^2/NDF : 362693.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1594.444+/-0.349 χ^2/NDF : 766274.2/26

asym_sam3_mean vs Slug, Sign Corrected



Right In: -279.856+/-782.446 χ^2/NDF : 16.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

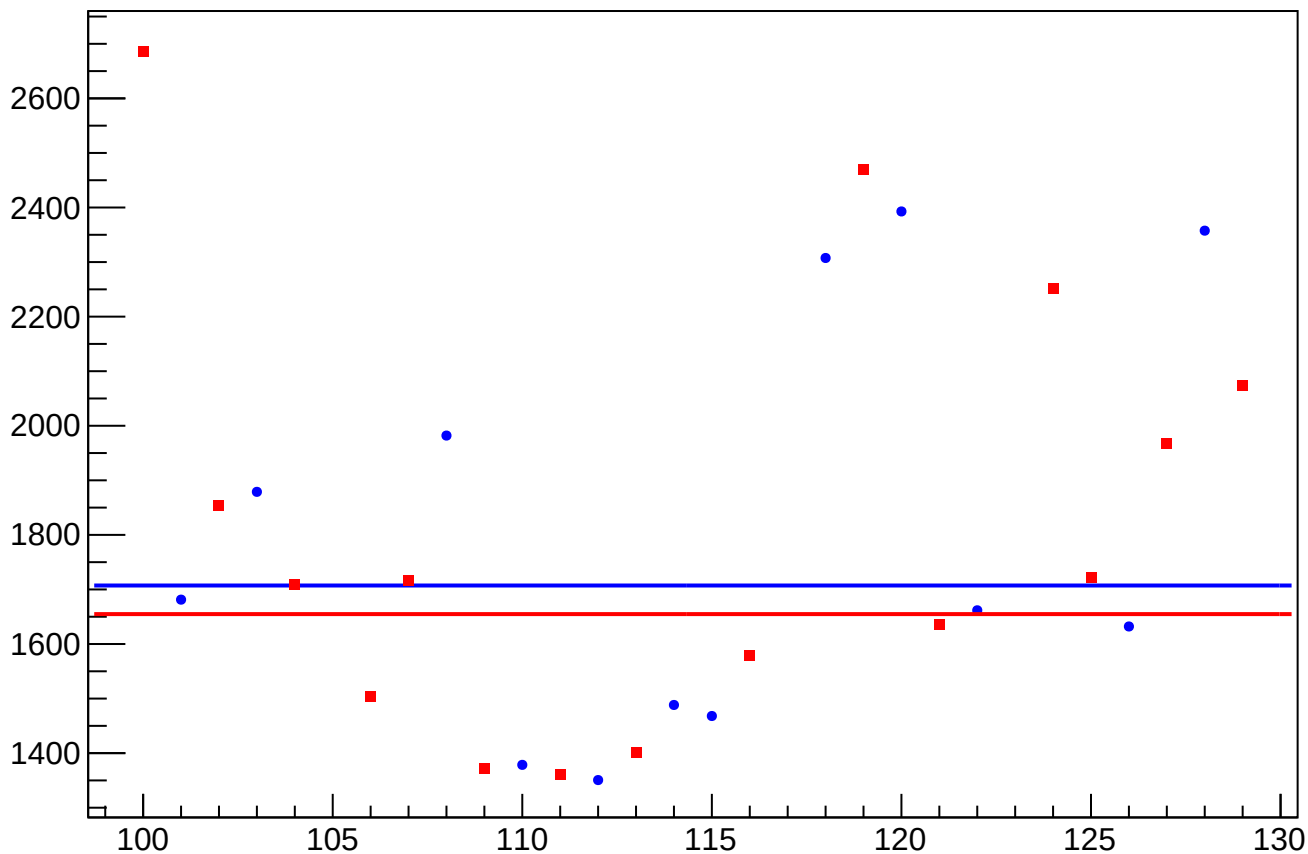
Right: -1090.467+/-520.001 χ^2/NDF : 28.7/26

In: -279.856+/-782.446 χ^2/NDF : 16.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1090.467+/-520.001 χ^2/NDF : 28.7/26

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1707.235+/-0.553 χ^2/NDF : 352573.2/11

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

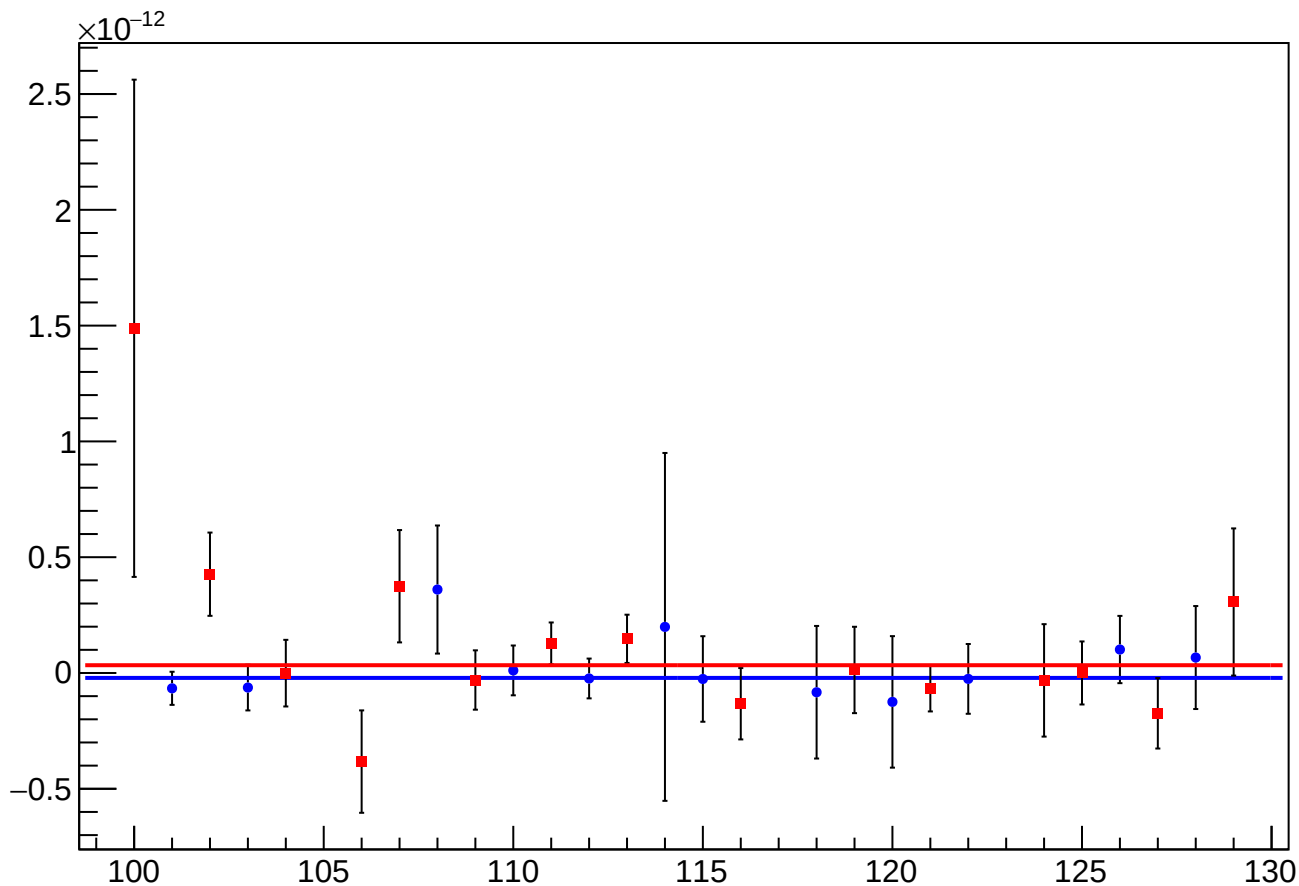
Right: 1677.972+/-0.368 χ^2/NDF : 727829.3/26

In: 1707.235+/-0.553 χ^2/NDF : 352573.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1677.972+/-0.368 χ^2/NDF : 727829.3/26

asym_sam3_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

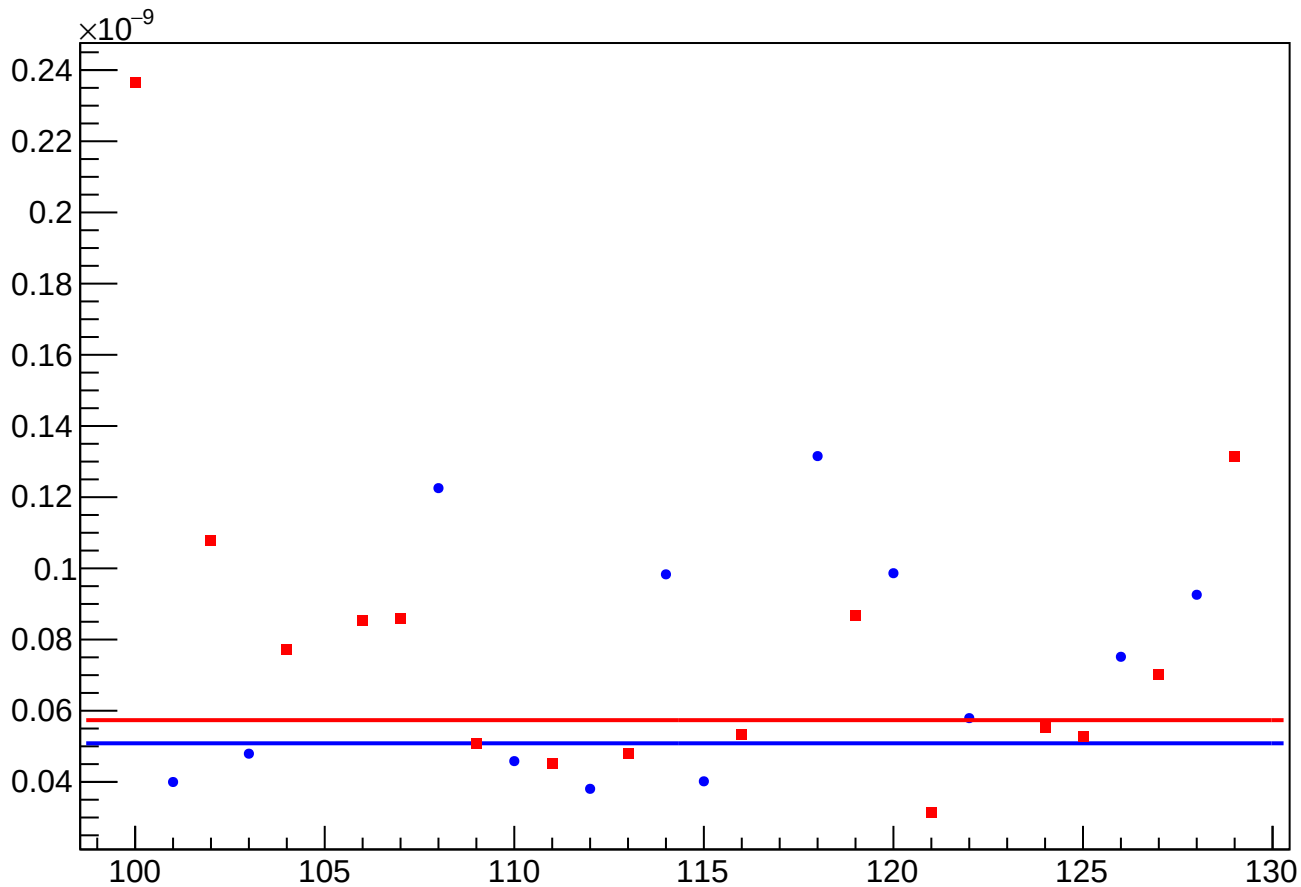
Right: 0.000+/-0.000 χ^2/NDF : 24.4/26

In: -0.000+/-0.000 χ^2/NDF : 3.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.4/26

asym_sam3_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 592263.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

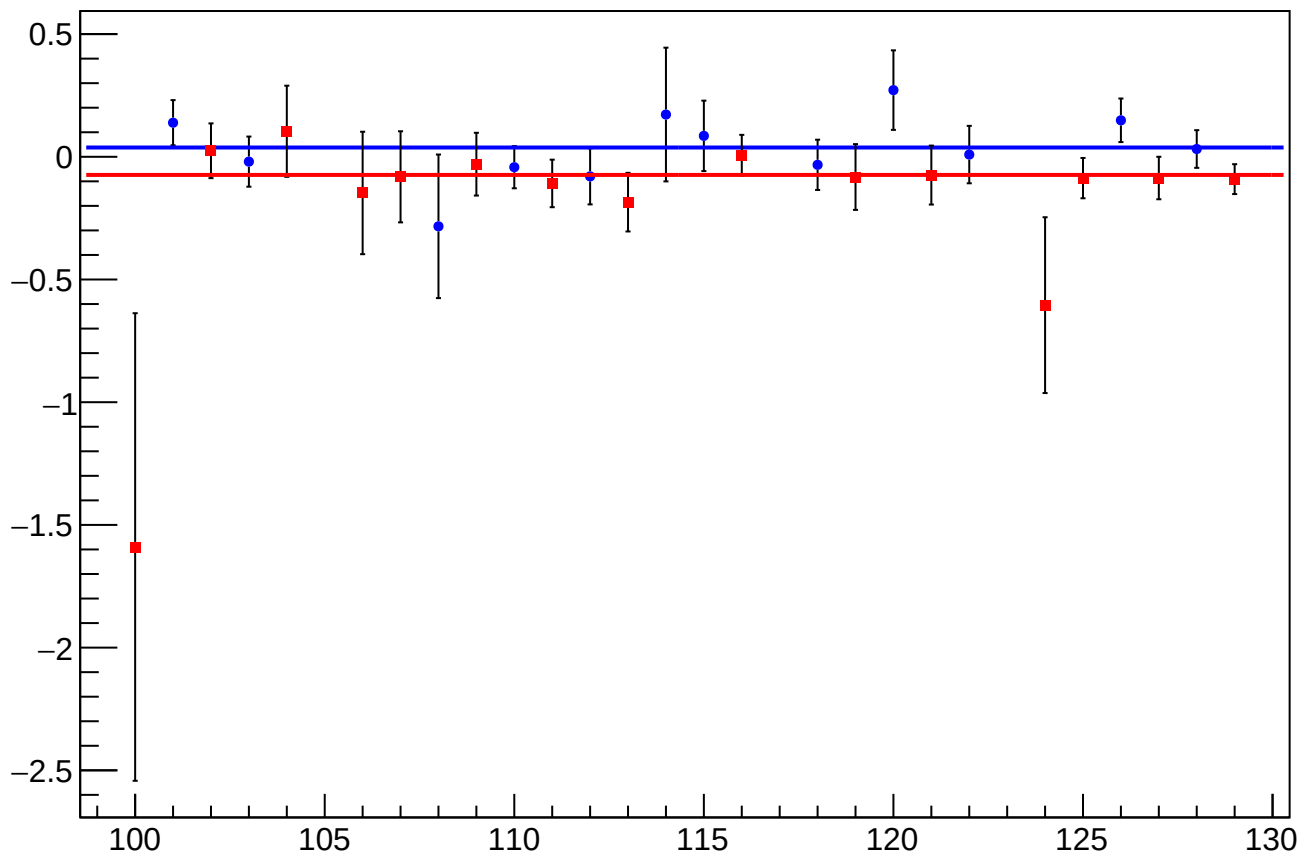
Right: 0.000+/-0.000 χ^2/NDF : 1305348.0/26

In: 0.000+/-0.000 χ^2/NDF : 592263.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1305348.0/26

asym_sam3_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.038 $\pm$ 0.032 χ^2 /NDF: 9.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.074 $\pm$ 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

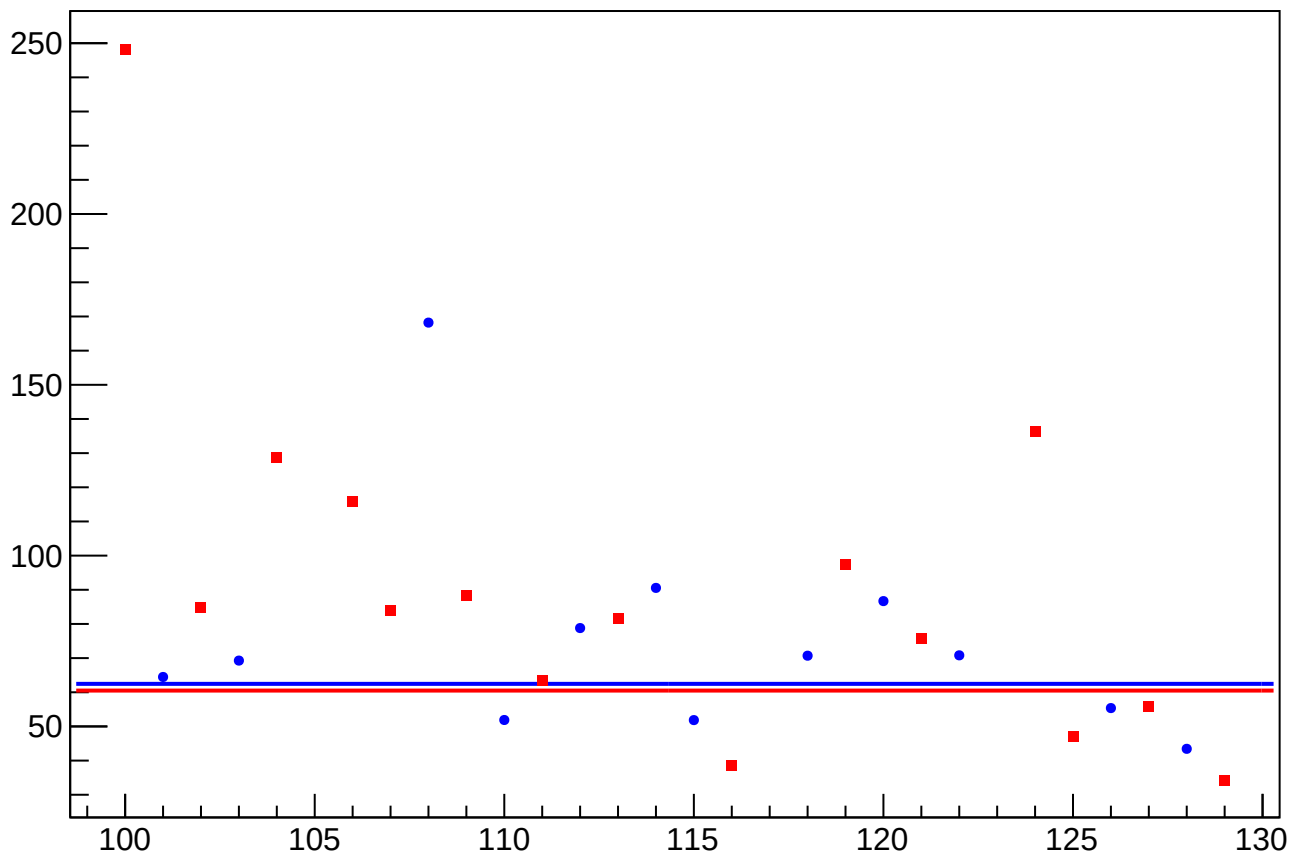
Right: -0.024 $\pm$ 0.021 χ^2 /NDF: 24.8/26

In: 0.038 $\pm$ 0.032 χ^2 /NDF:9.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.024 $\pm$ 0.021 χ^2 /NDF: 24.8/26

asym_sam3_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 62.463+/-0.022 χ^2/NDF : 578031.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

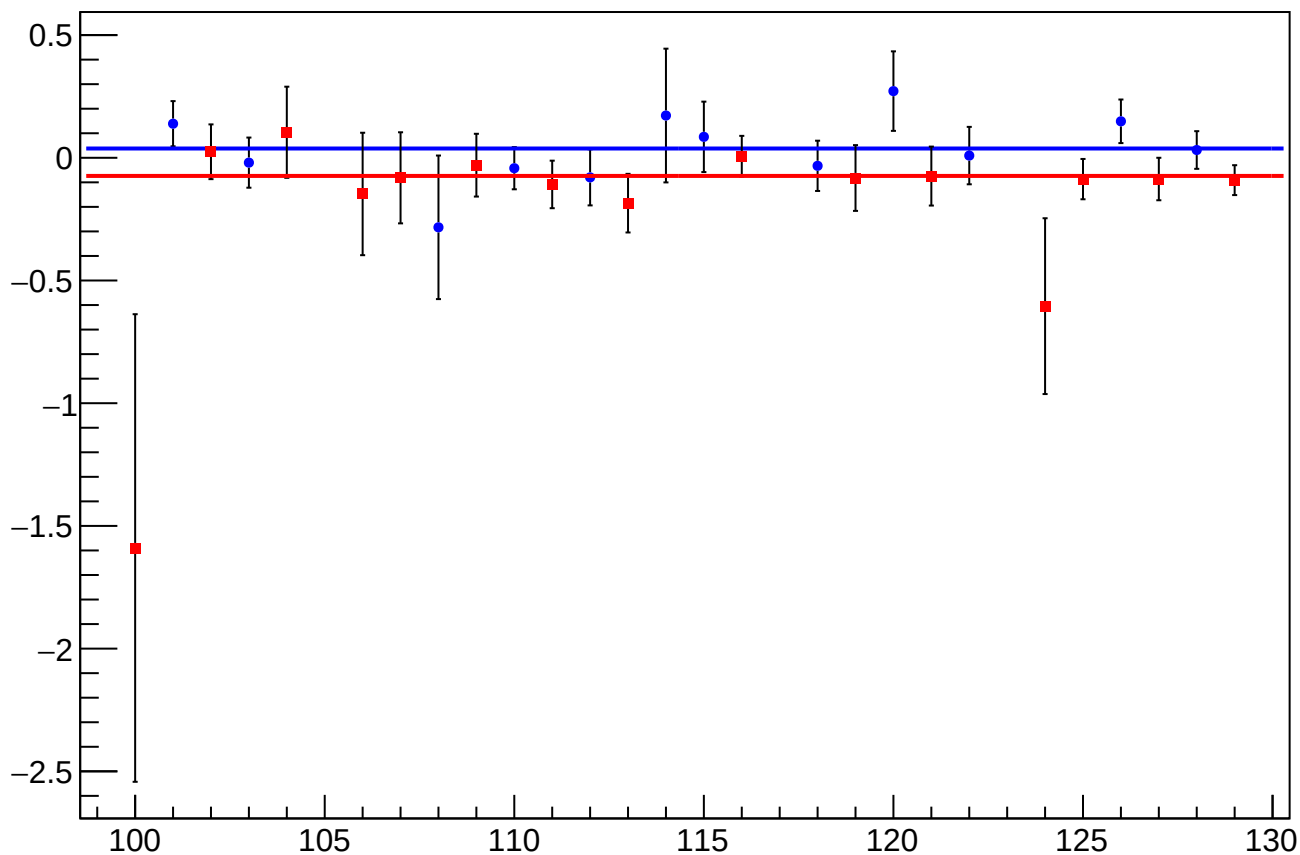
Right: 61.382+/-0.015 χ^2/NDF : 2161775.0/26

In: 62.463+/-0.022 χ^2/NDF : 578031.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.382+/-0.015 χ^2/NDF : 2161775.0/26

asym_sam3_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.038 $\pm$ 0.032 χ^2 /NDF: 9.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.074 $\pm$ 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

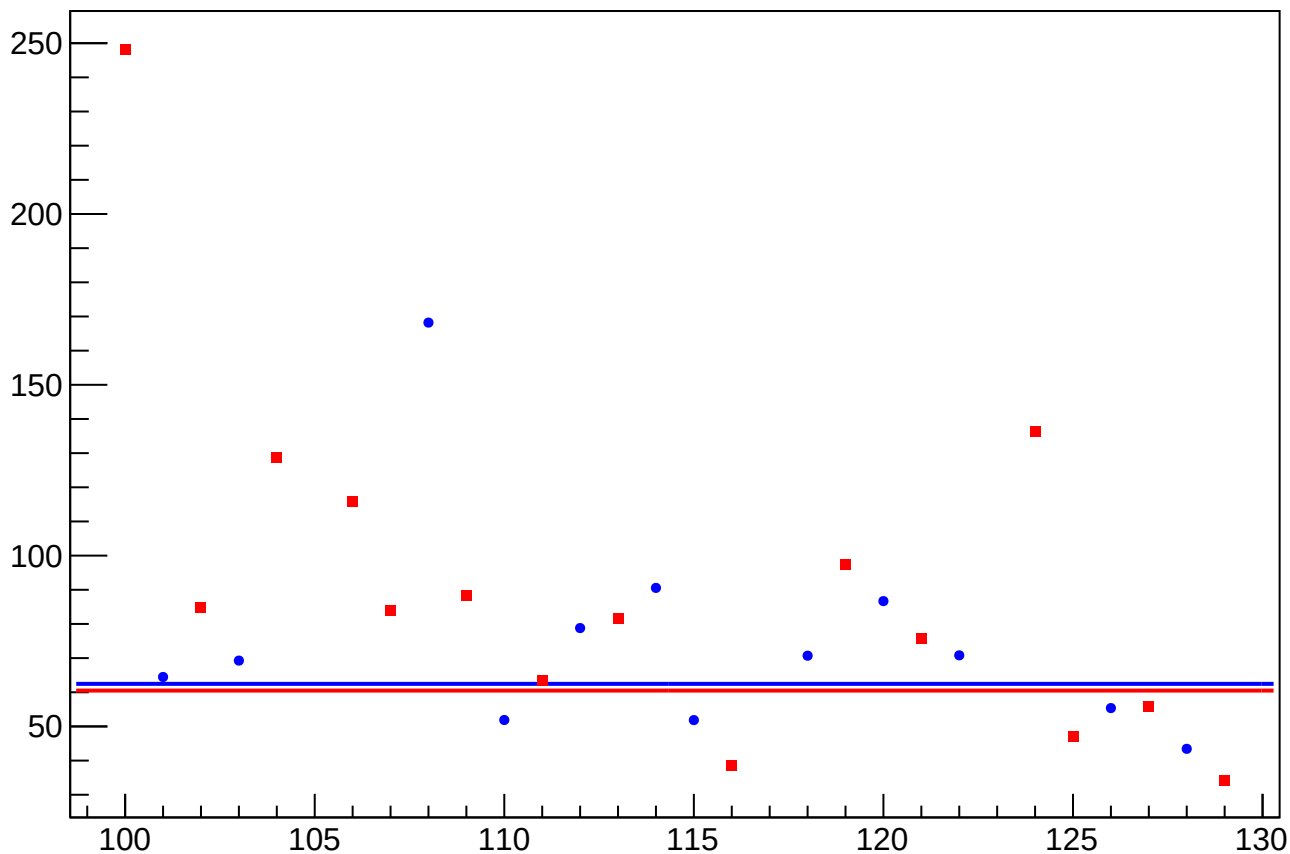
Right: -0.024 $\pm$ 0.021 χ^2 /NDF: 24.8/26

In: 0.038 $\pm$ 0.032 χ^2 /NDF:9.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.024 $\pm$ 0.021 χ^2 /NDF: 24.8/26

asym_sam3_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 62.463+/-0.022 χ^2/NDF : 578031.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

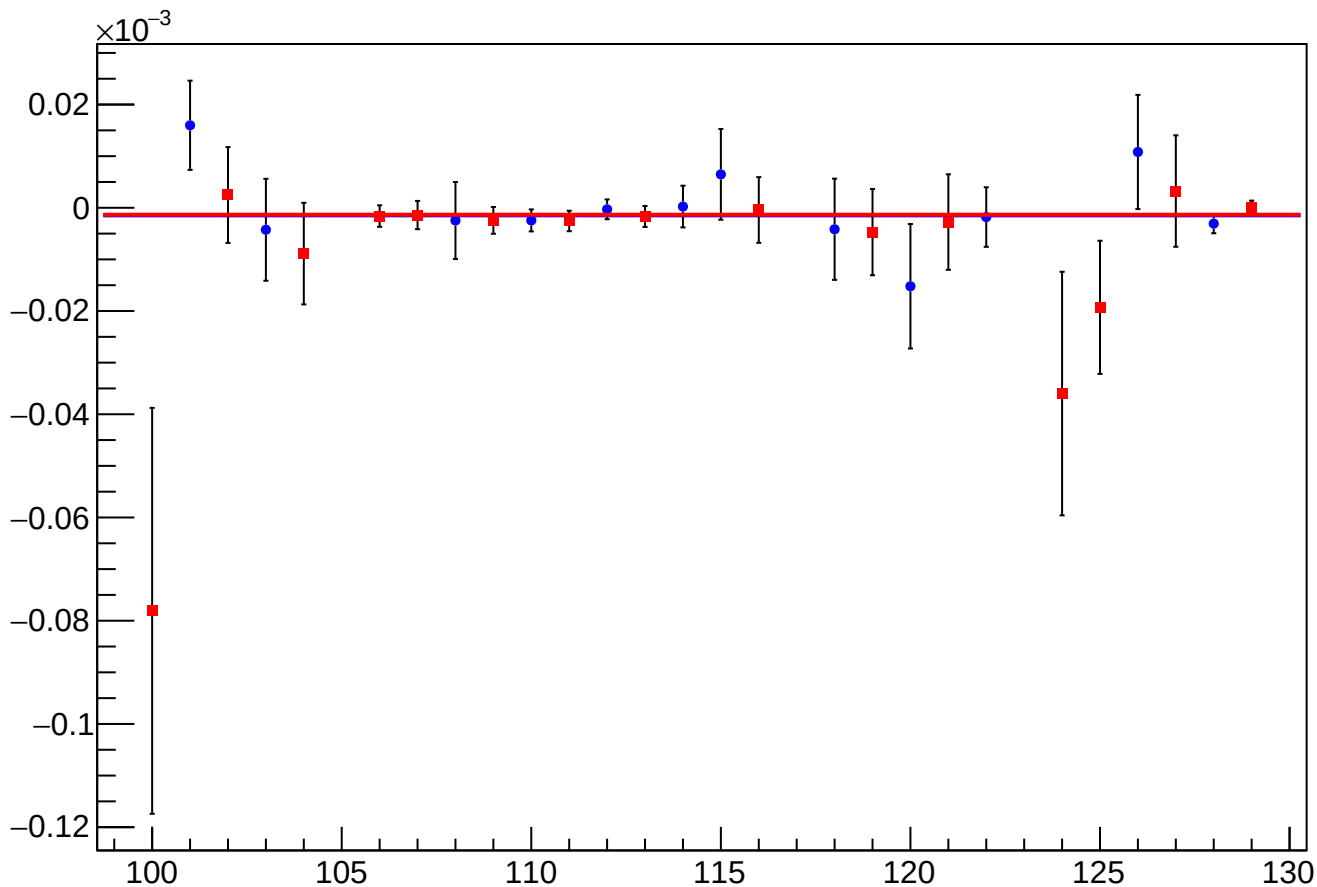
Right: 61.382+/-0.015 χ^2/NDF : 2161775.0/26

In: 62.463+/-0.022 χ^2/NDF : 578031.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.382+/-0.015 χ^2/NDF : 2161775.0/26

asym_sam3_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 9.1/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 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

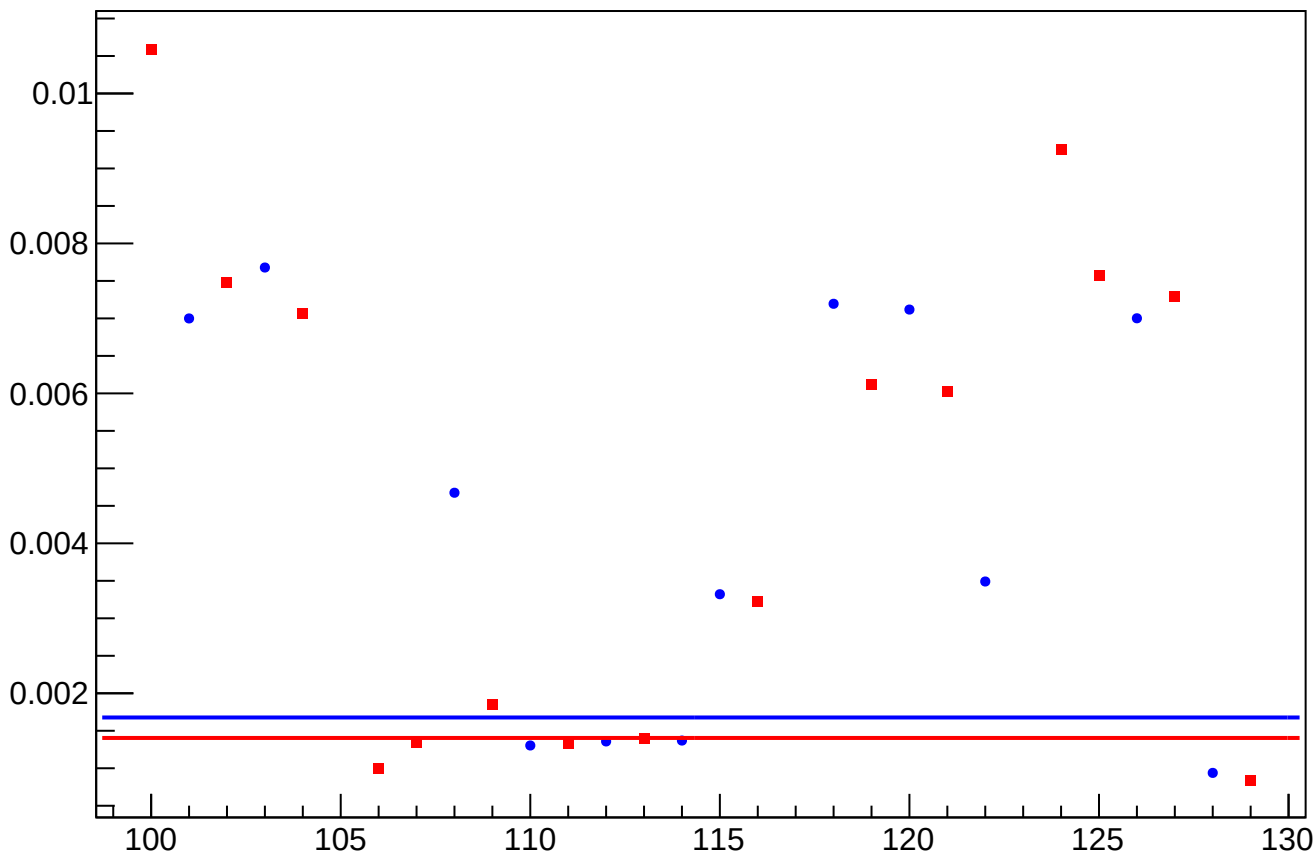
Right: -0.000+/-0.000 χ^2 /NDF: 20.0/26

In: -0.000+/-0.000 χ^2 /NDF:9.1/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 20.0/26

asym_sam3_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 4036308.1/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-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

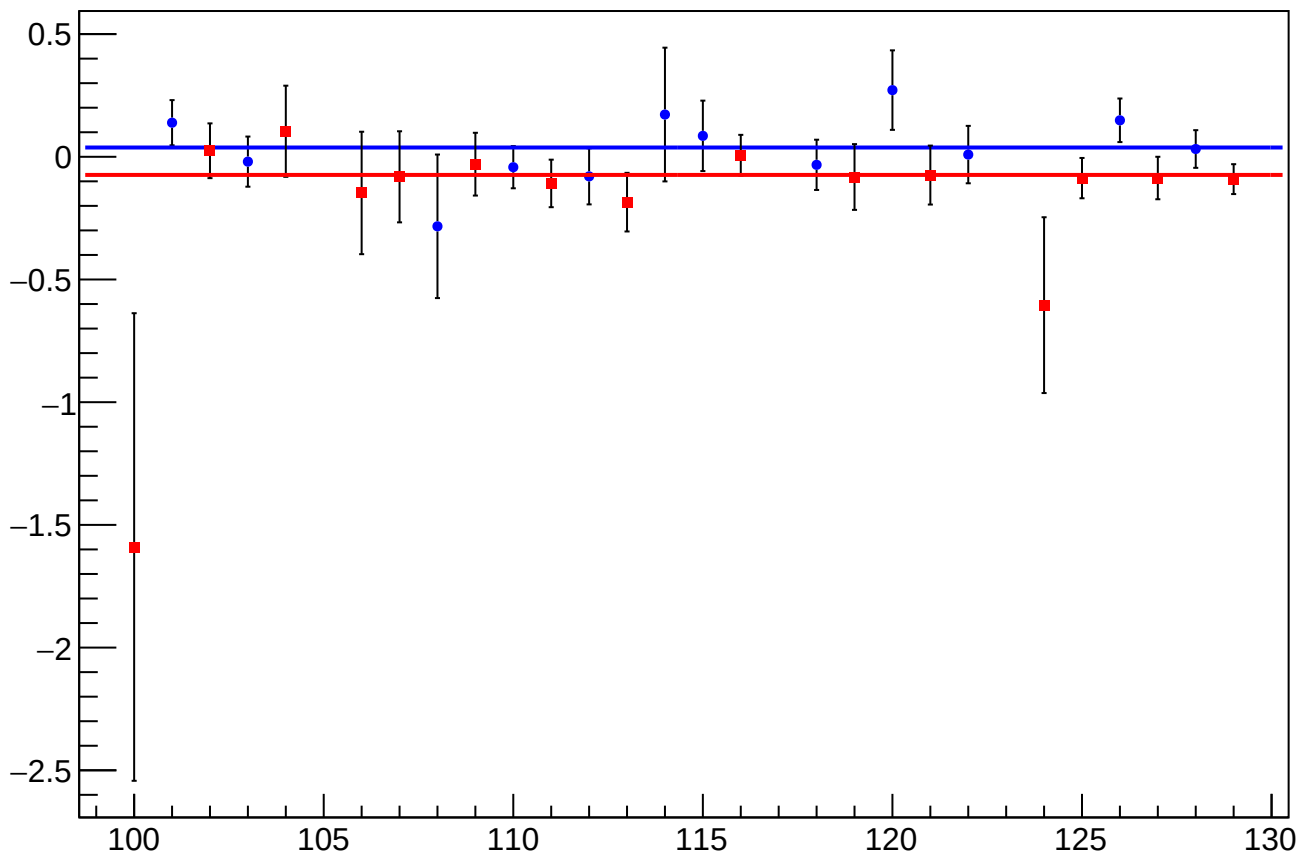
Right: 0.002+/-0.000 χ^2/NDF : 8861935.6/26

In: 0.002+/-0.000 χ^2/NDF :4036308.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 8861935.6/26

asym_sam3_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.038 $\pm$ 0.032 χ^2 /NDF: 9.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.074 $\pm$ 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

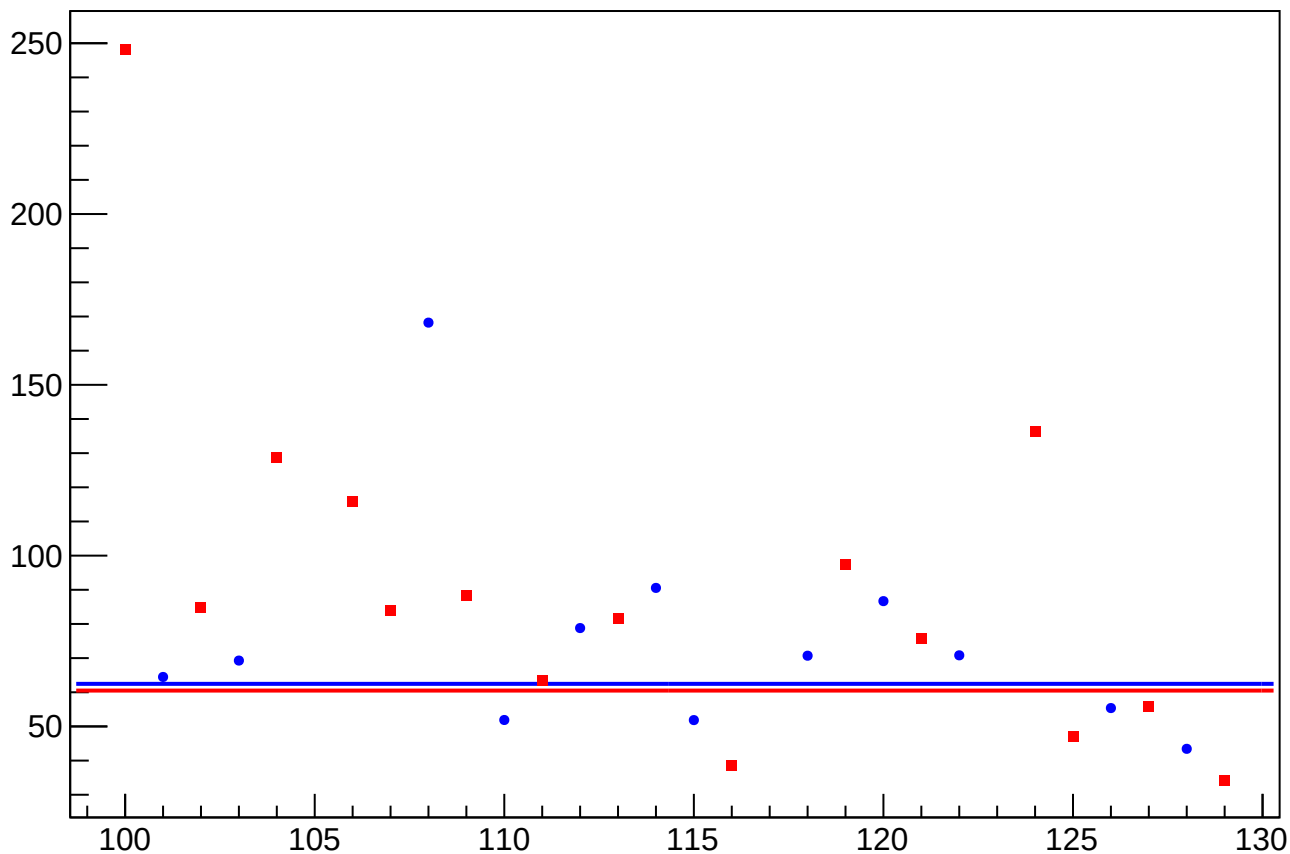
Right: -0.024 $\pm$ 0.021 χ^2 /NDF: 24.8/26

In: 0.038 $\pm$ 0.032 χ^2 /NDF:9.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.024 $\pm$ 0.021 χ^2 /NDF: 24.8/26

asym_sam3_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 62.466+/-0.022 χ^2/NDF : 578036.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

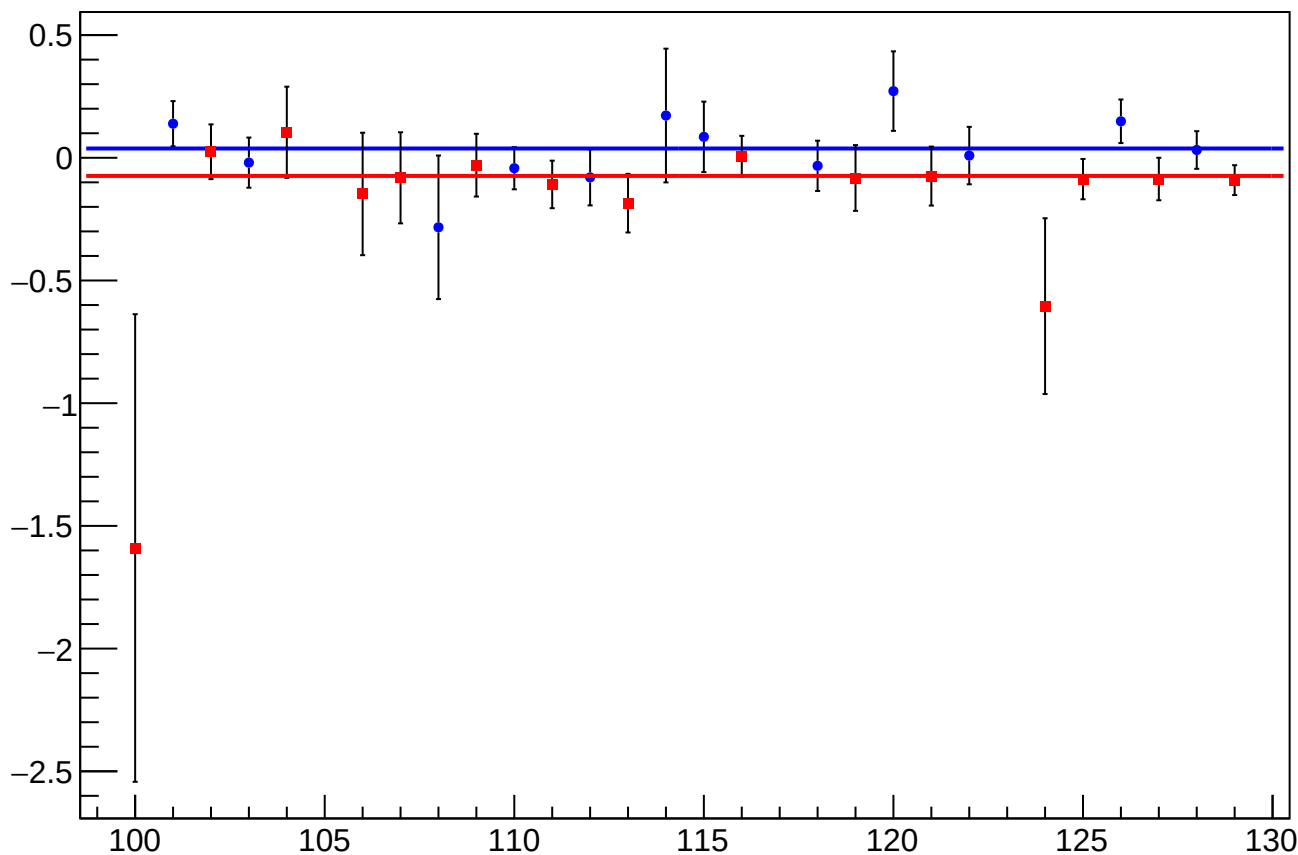
Right: 61.384+/-0.015 χ^2/NDF : 2161838.5/26

In: 62.466+/-0.022 χ^2/NDF : 578036.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.384+/-0.015 χ^2/NDF : 2161838.5/26

asym_sam3_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.038+/-0.032 χ^2/NDF : 9.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.074+/-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

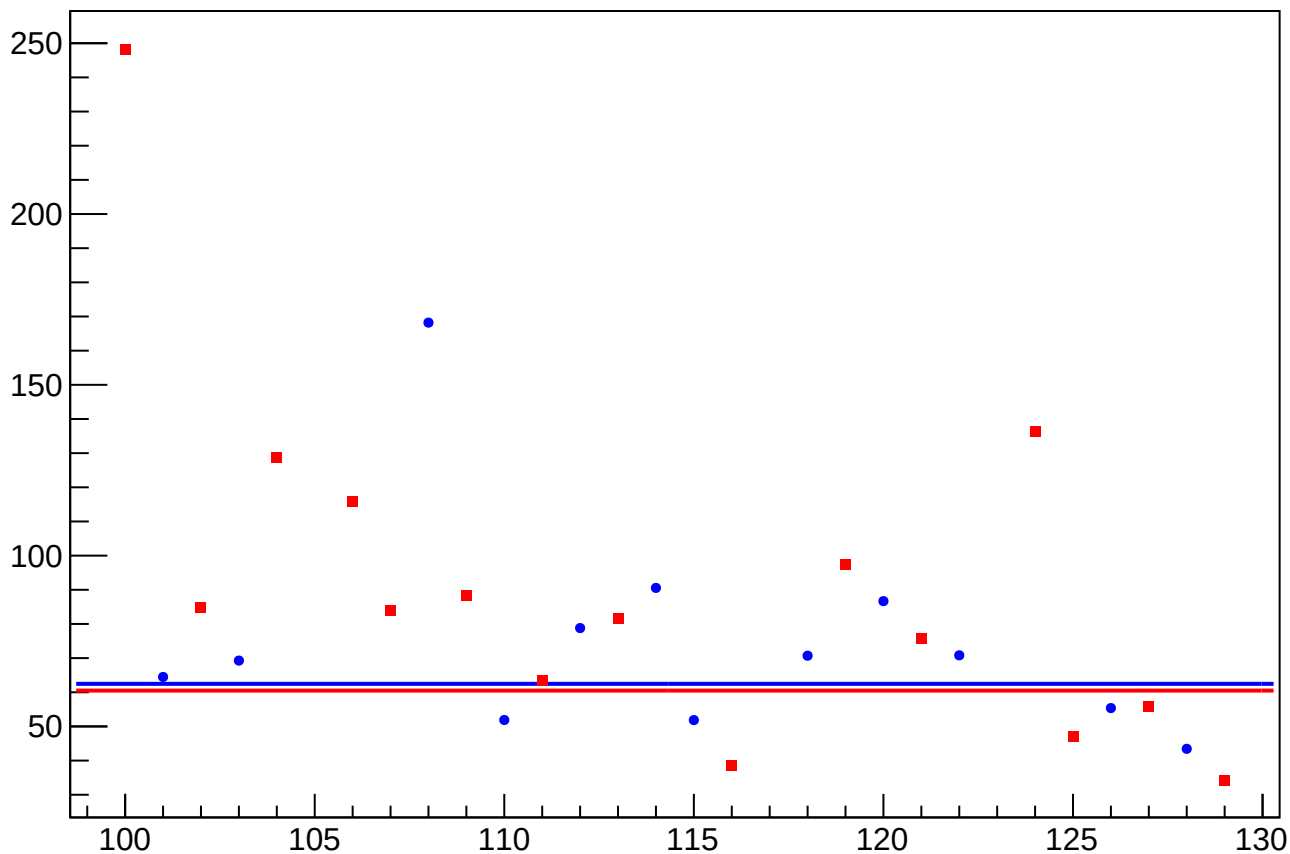
Right: -0.024+/-0.021 χ^2/NDF : 24.8/26

In: 0.038+/-0.032 χ^2/NDF : 9.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.024+/-0.021 χ^2/NDF : 24.8/26

asym_sam3_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 62.466+/-0.022 χ^2/NDF : 578036.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

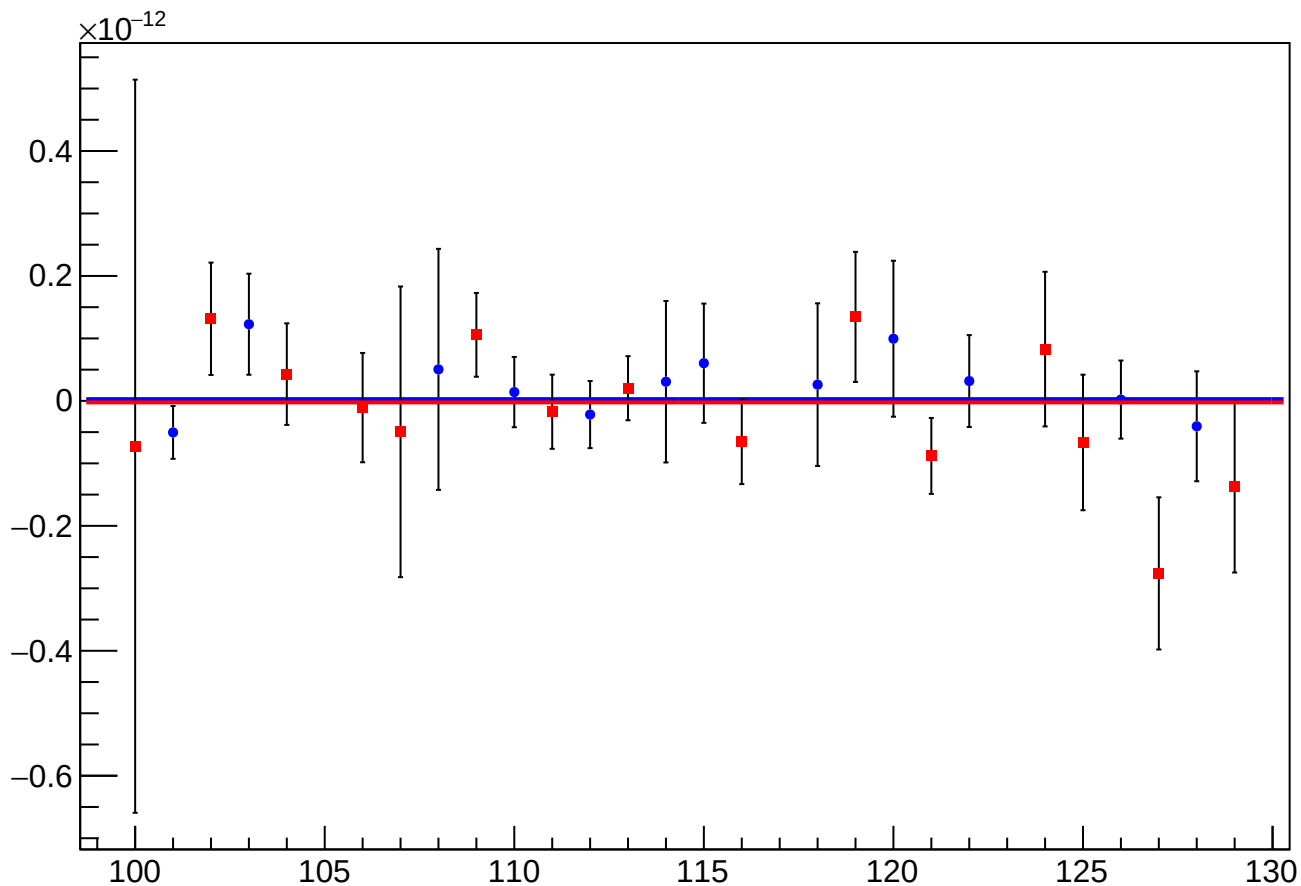
Right: 61.384+/-0.015 χ^2/NDF : 2161838.5/26

In: 62.466+/-0.022 χ^2/NDF : 578036.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.384+/-0.015 χ^2/NDF : 2161838.5/26

asym_sam3_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 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

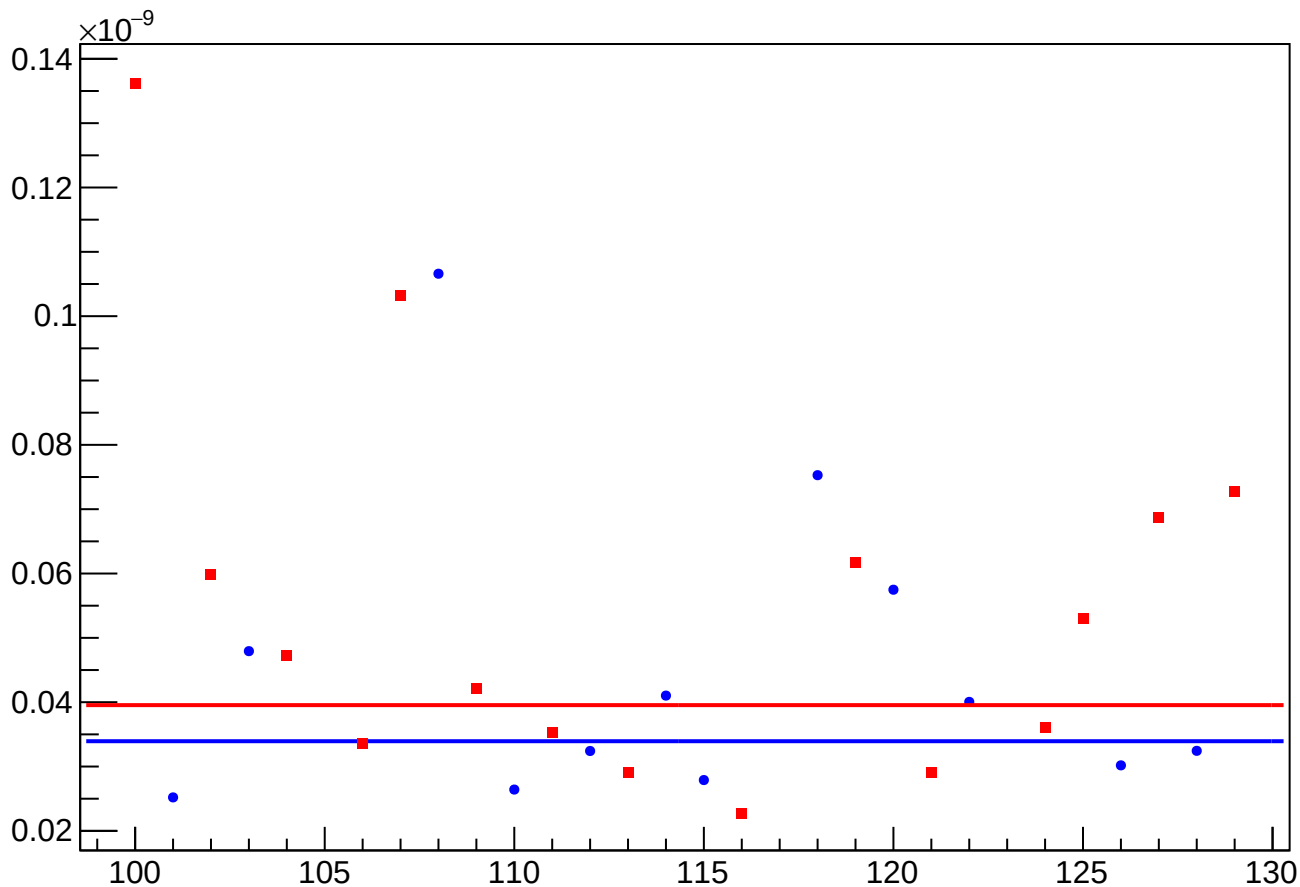
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 22.4/26

In: 0.000 $\pm$ 0.000 χ^2 /NDF:5.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 22.4/26

asym_sam3_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 774953.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

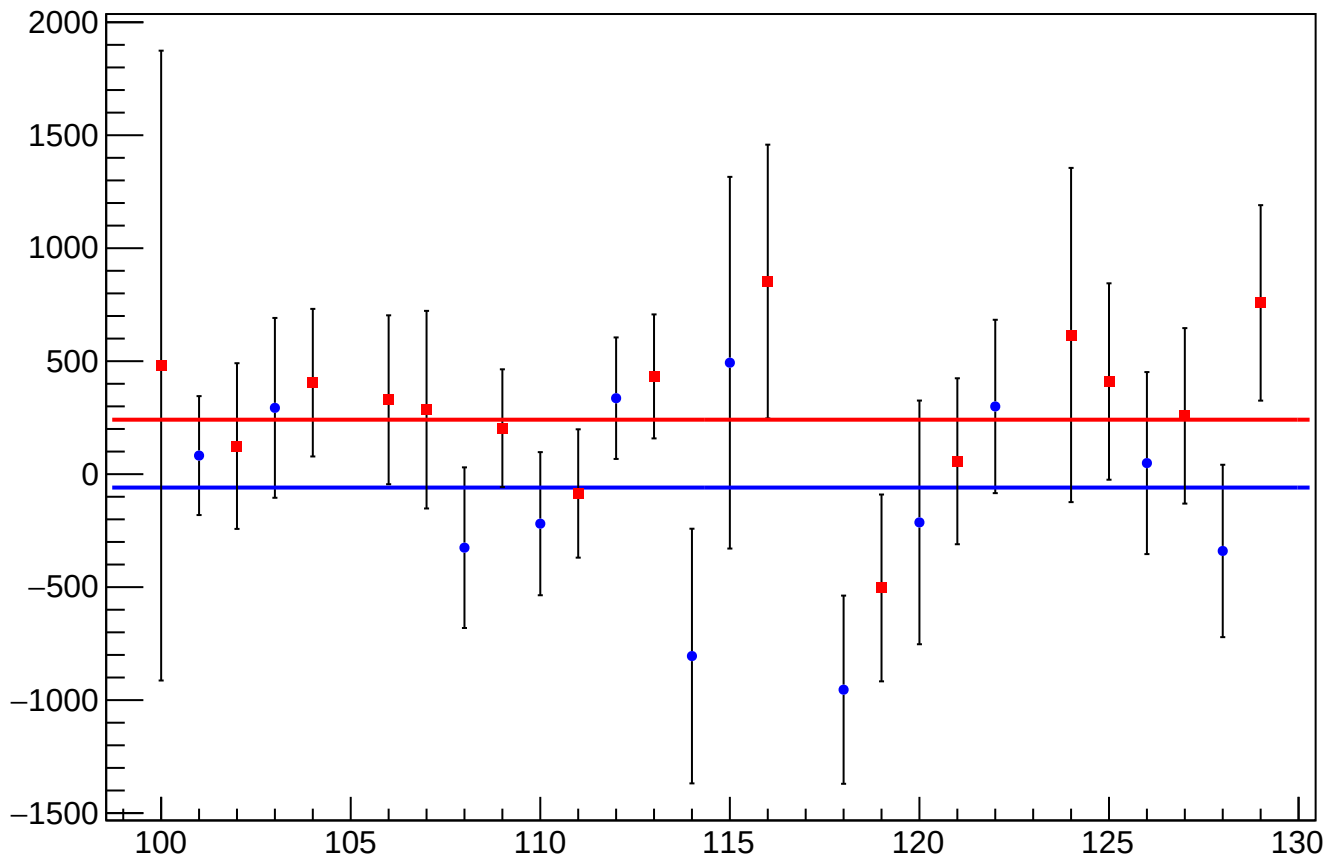
Right: 0.000+/-0.000 χ^2/NDF : 1810917.4/26

In: 0.000+/-0.000 χ^2/NDF : 774953.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1810917.4/26

reg_asym_sam4_mean vs Slug, Sign Corrected



Right In: -59.309 ± 107.751 $\chi^2/\text{NDF}: 12.4/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 241.052 ± 97.490 $\chi^2/\text{NDF}: 8.6/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

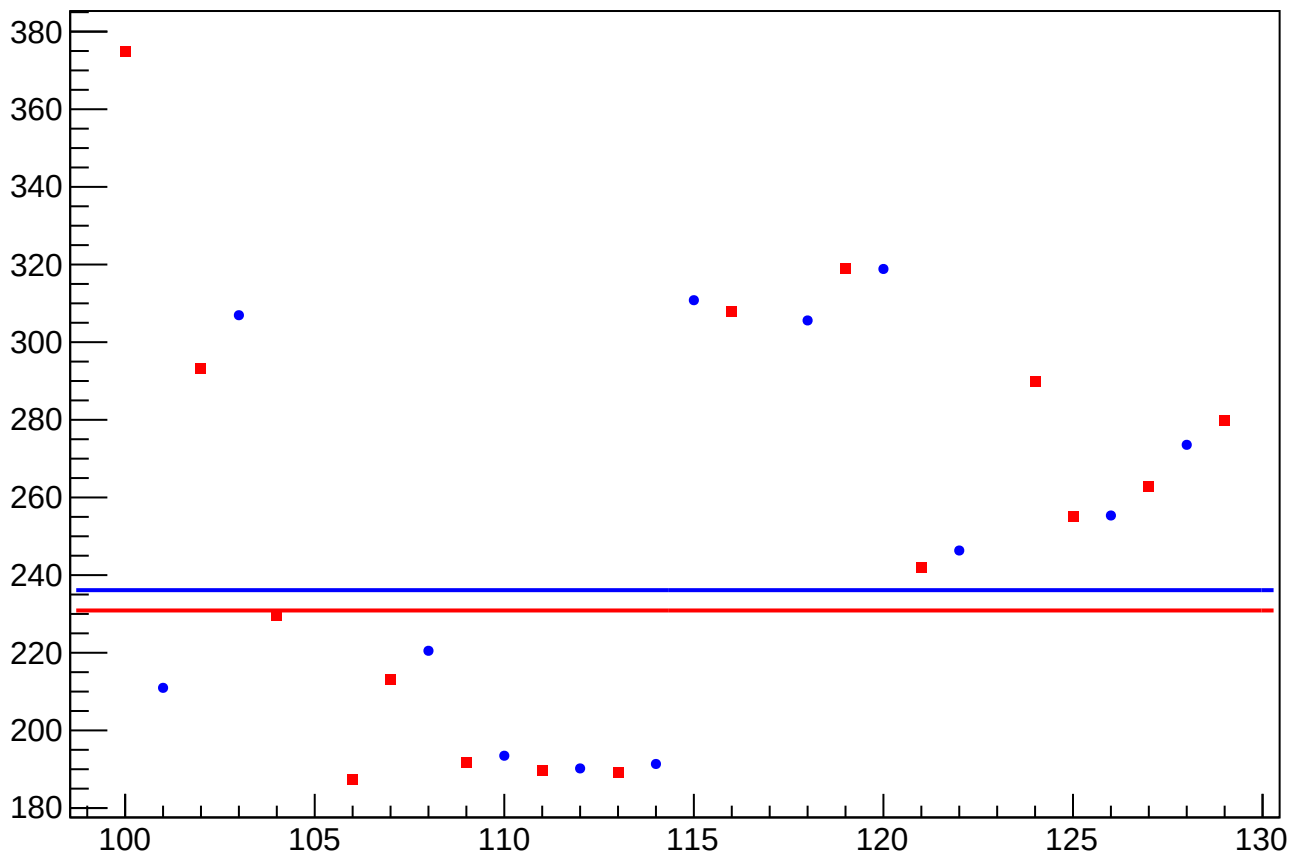
Right: 105.850 ± 72.292 $\chi^2/\text{NDF}: 25.3/26$

In: -59.309 ± 107.751 $\chi^2/\text{NDF}: 12.4/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 105.850 ± 72.292 $\chi^2/\text{NDF}: 25.3/26$

reg_asym_sam4_rms vs Slug, Sign Corrected



Right In: 236.124+/-0.076 χ^2/NDF : 337160.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

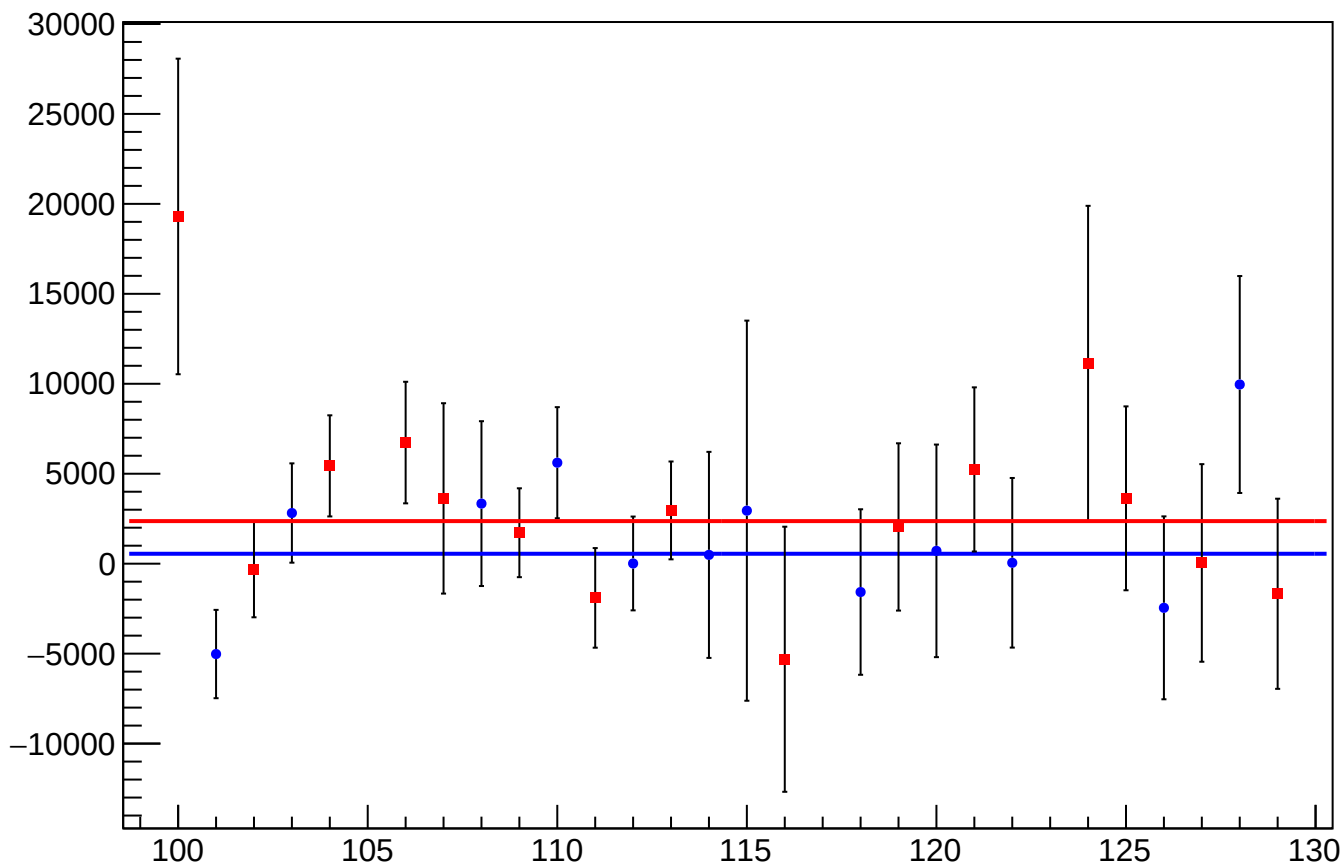
Right: 233.247+/-0.051 χ^2/NDF : 765799.8/26

In: 236.124+/-0.076 χ^2/NDF : 337160.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 233.247+/-0.051 χ^2/NDF : 765799.8/26

asym_sam4_reg_correction_mean vs Slug, Sign Corrected



Right In: 551.321+/-1102.020 χ^2/NDF : 12.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

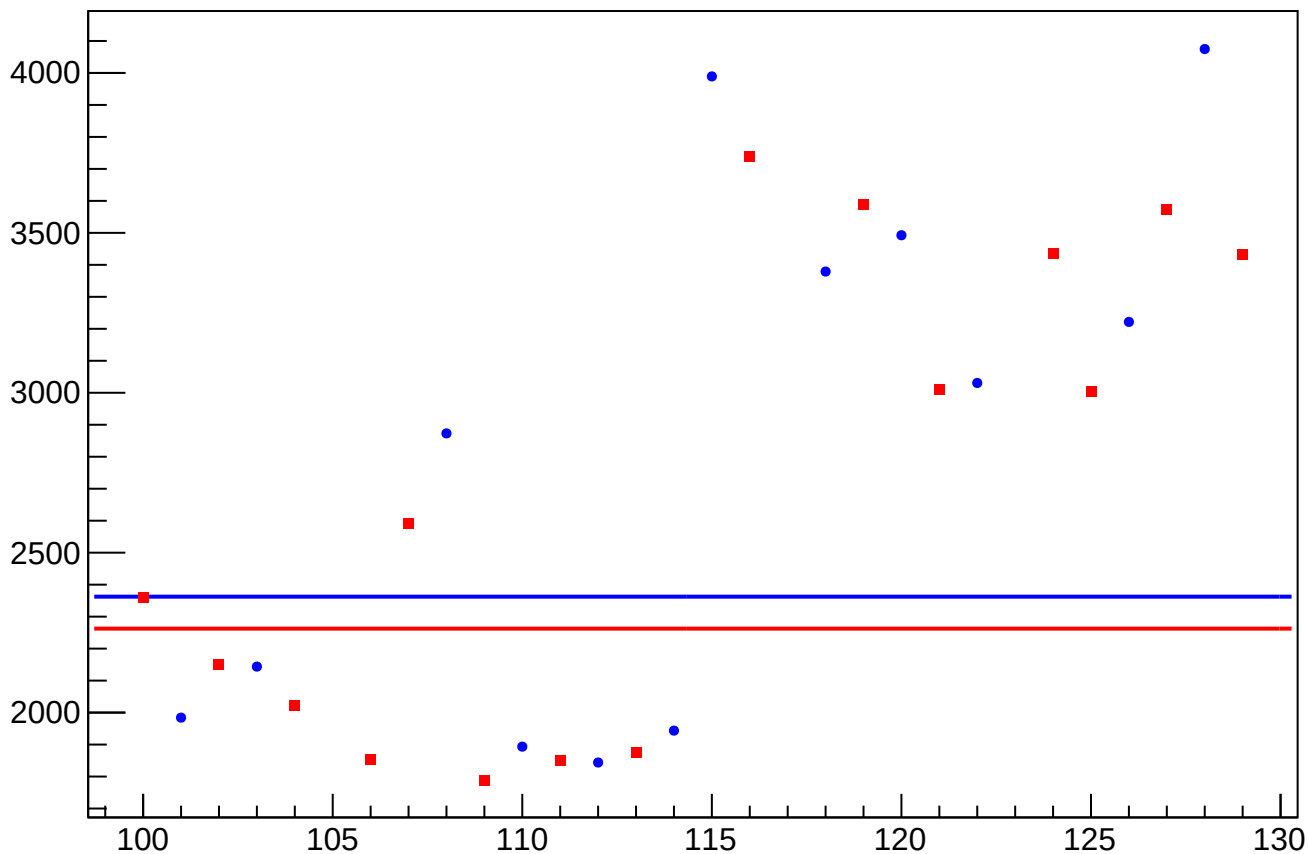
Right: 1575.494+/-727.474 χ^2/NDF : 27.0/26

In: 551.321+/-1102.020 χ^2/NDF : 12.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1575.494+/-727.474 χ^2/NDF : 27.0/26

asym_sam4_reg_correction_rms vs Slug, Sign Corrected



Right In: 2362.477+/-0.779 χ^2/NDF : 697735.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

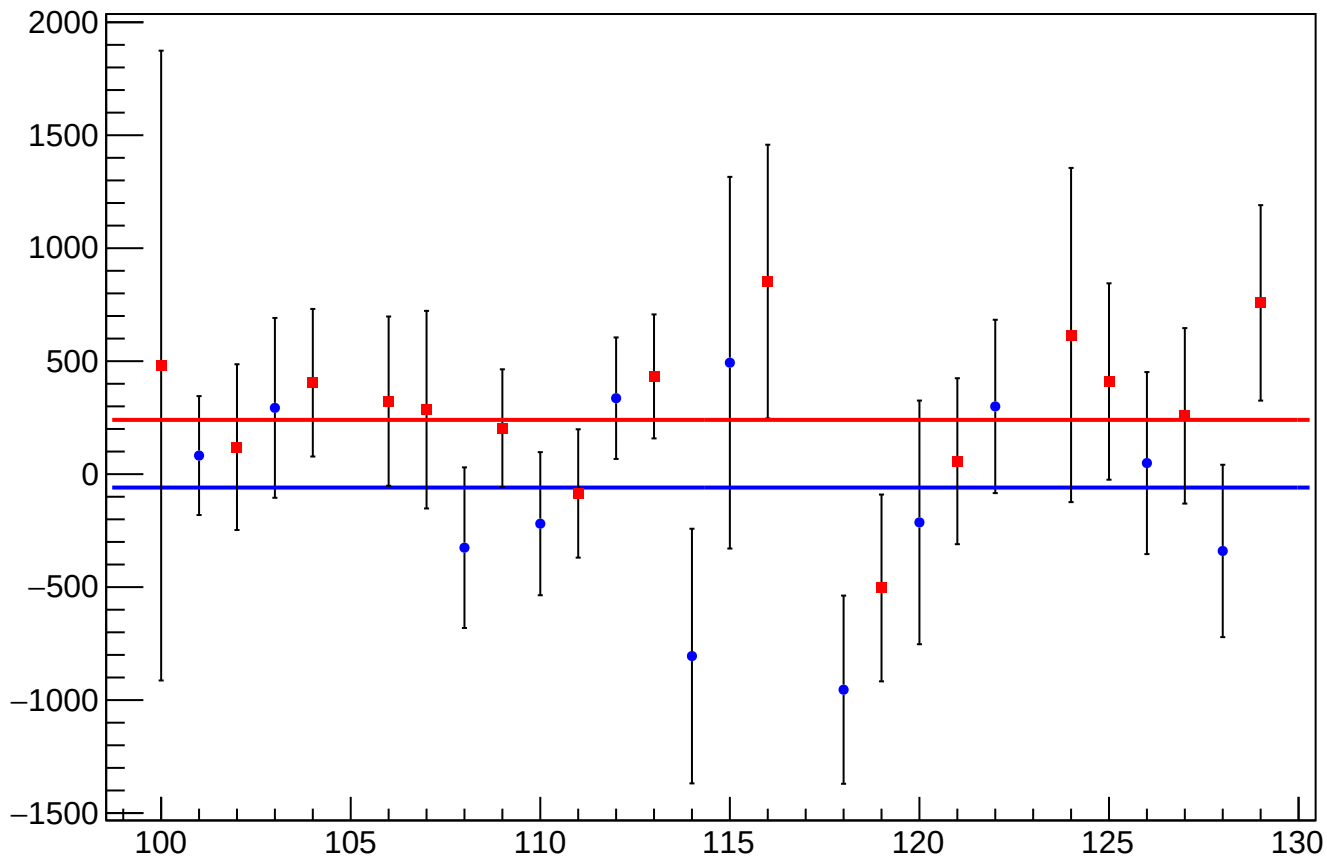
Right: 2306.085+/-0.514 χ^2/NDF : 1507810.3/26

In: 2362.477+/-0.779 χ^2/NDF : 697735.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2306.085+/-0.514 χ^2/NDF : 1507810.3/26

cor_asym_sam4_mean vs Slug, Sign Corrected



Right In: -59.347 ± 107.751 χ^2/NDF : 12.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 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

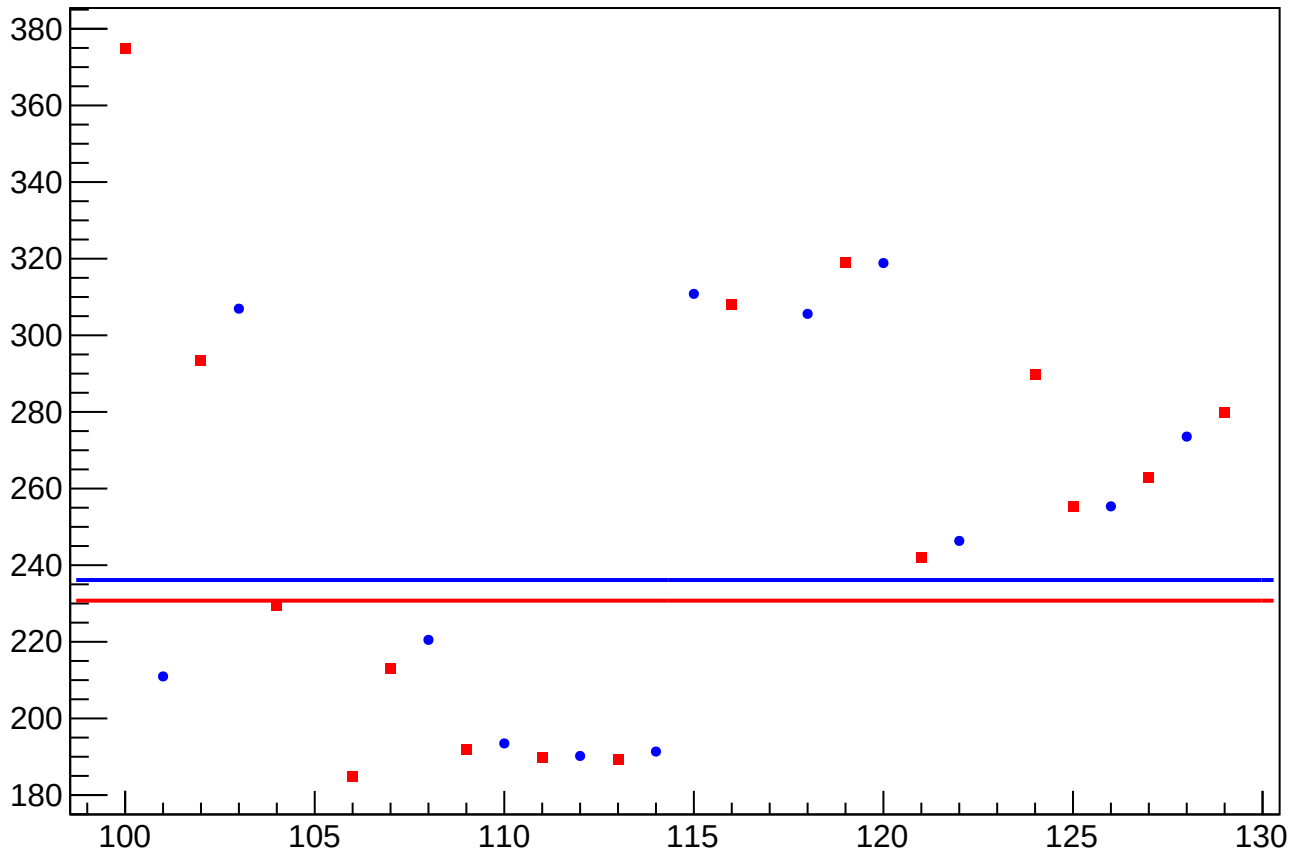
Right: 105.362 ± 72.300 χ^2/NDF : 25.3/26

In: -59.347 ± 107.751 χ^2/NDF : 12.4/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 105.362 ± 72.300 χ^2/NDF : 25.3/26

cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 236.124+/-0.076 χ^2/NDF : 337162.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

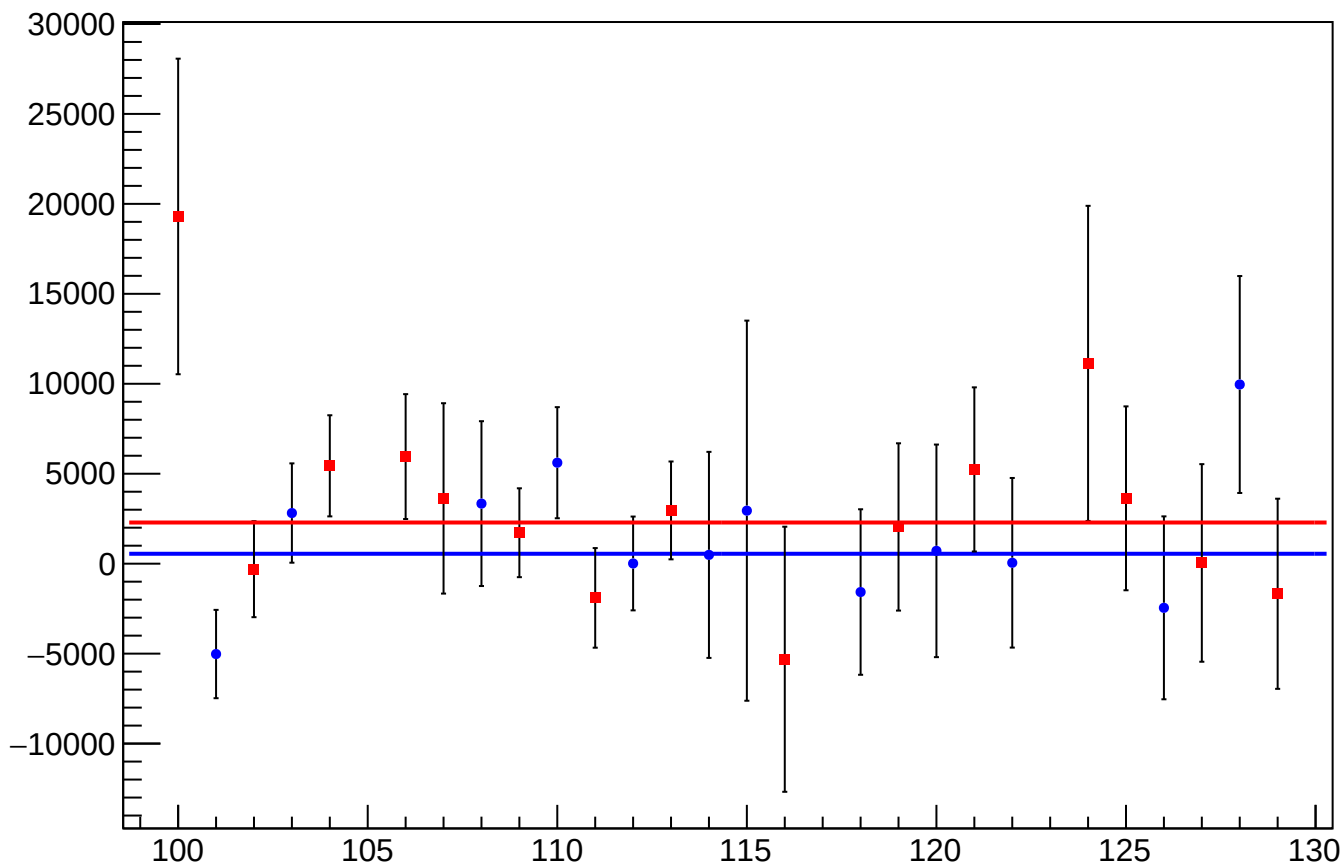
Right: 233.164+/-0.051 χ^2/NDF : 769225.1/26

In: 236.124+/-0.076 χ^2/NDF : 337162.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 233.164+/-0.051 χ^2/NDF : 769225.1/26

asym_sam4_cor_correction_mean vs Slug, Sign Corrected



Right In: 551.097+/-1102.033 χ^2/NDF : 12.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

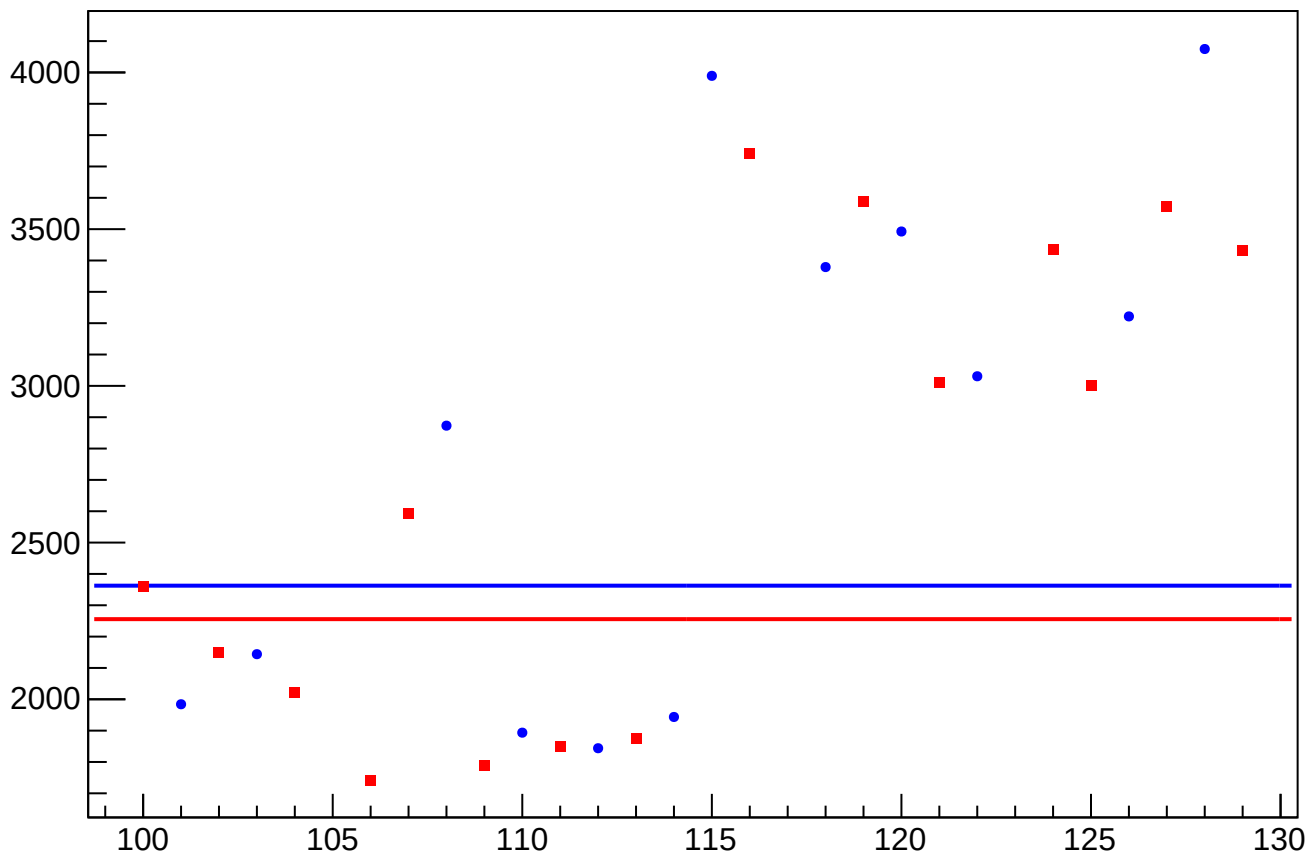
Right: 1529.381+/-728.387 χ^2/NDF : 26.2/26

In: 551.097+/-1102.033 χ^2/NDF : 12.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1529.381+/-728.387 χ^2/NDF : 26.2/26

asym_sam4_cor_correction_rms vs Slug, Sign Corrected



Right In: 2362.509+/-0.779 χ^2/NDF : 697714.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

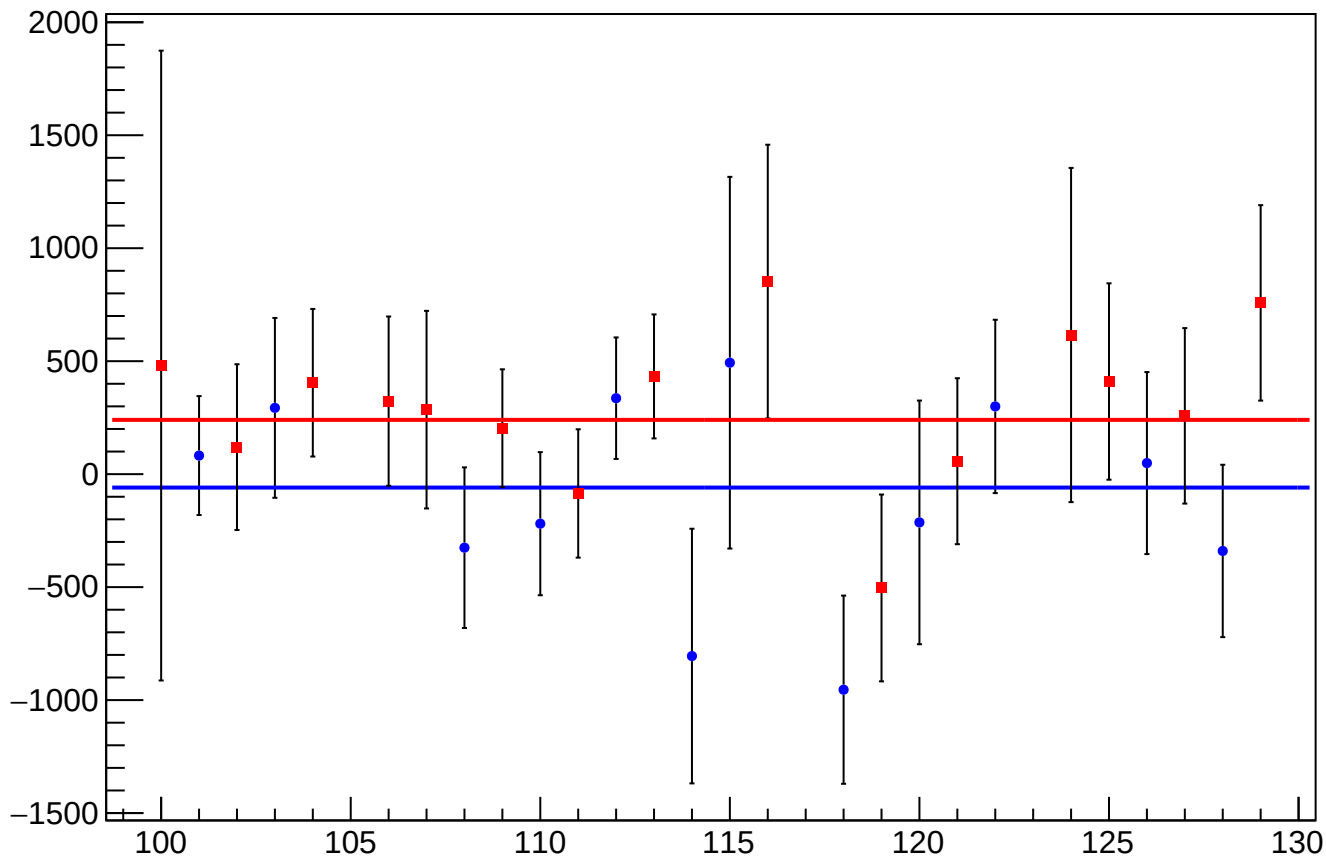
Right: 2302.362+/-0.515 χ^2/NDF : 1524607.1/26

In: 2362.509+/-0.779 χ^2/NDF : 697714.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2302.362+/-0.515 χ^2/NDF : 1524607.1/26

eigen_cor_asym_sam4_mean vs Slug, Sign Corrected



Right In: -59.347 ± 107.751 χ^2/NDF : 12.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 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

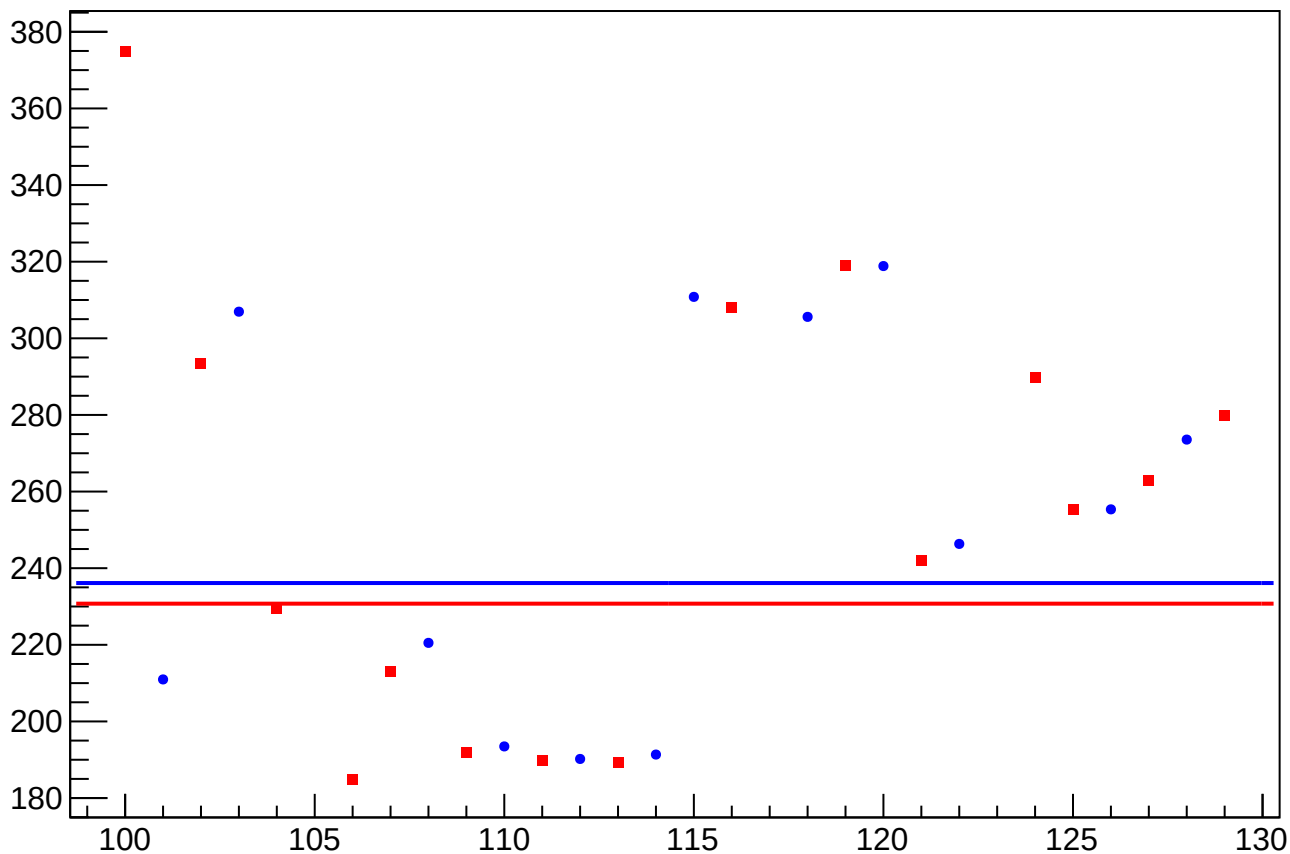
Right: 105.362 ± 72.300 χ^2/NDF : 25.3/26

In: -59.347 ± 107.751 χ^2/NDF : 12.4/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 105.362 ± 72.300 χ^2/NDF : 25.3/26

eigen_cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 236.124+/-0.076 χ^2/NDF : 337162.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

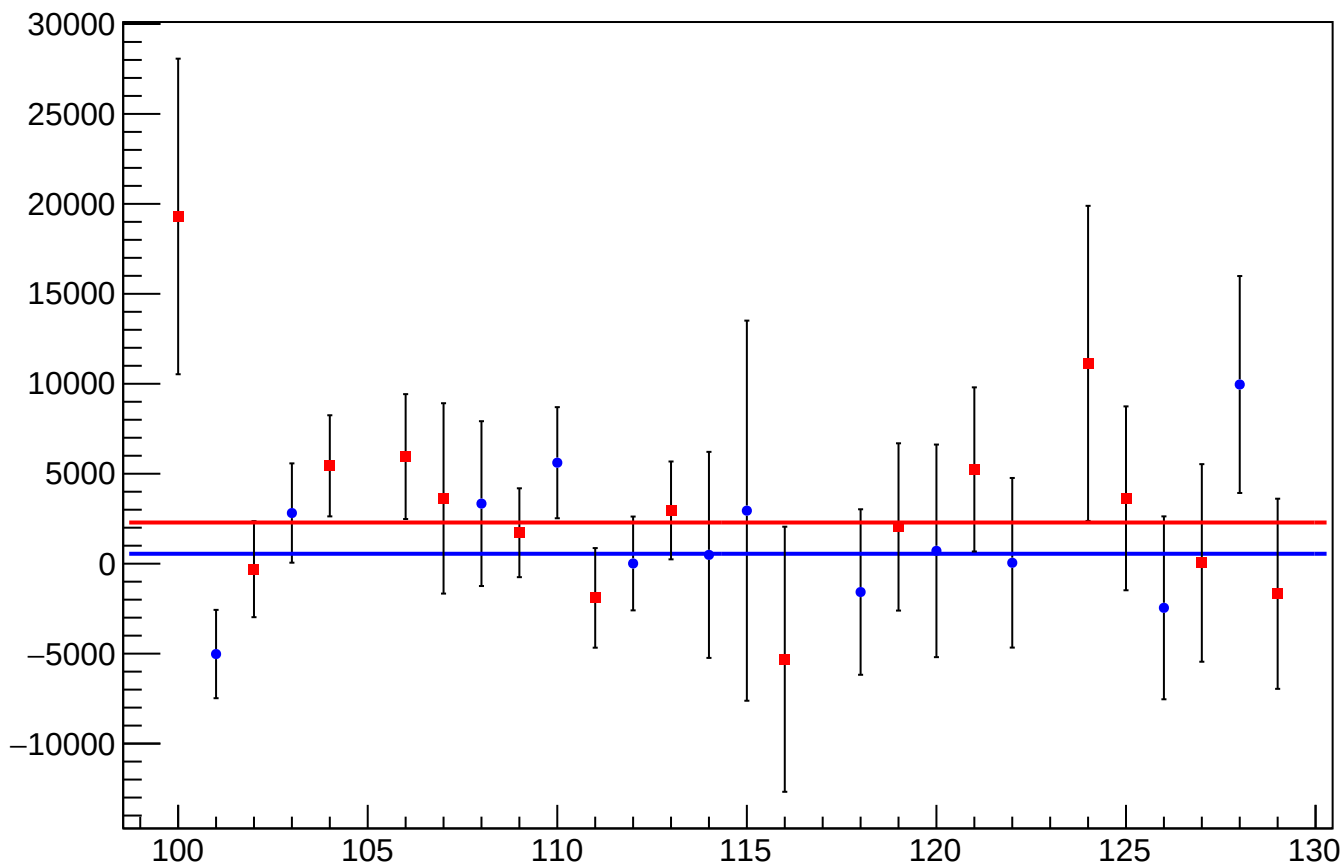
Right: 233.164+/-0.051 χ^2/NDF : 769225.1/26

In: 236.124+/-0.076 χ^2/NDF : 337162.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 233.164+/-0.051 χ^2/NDF : 769225.1/26

asym_sam4_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 551.097+/-1102.033 χ^2/NDF : 12.0/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

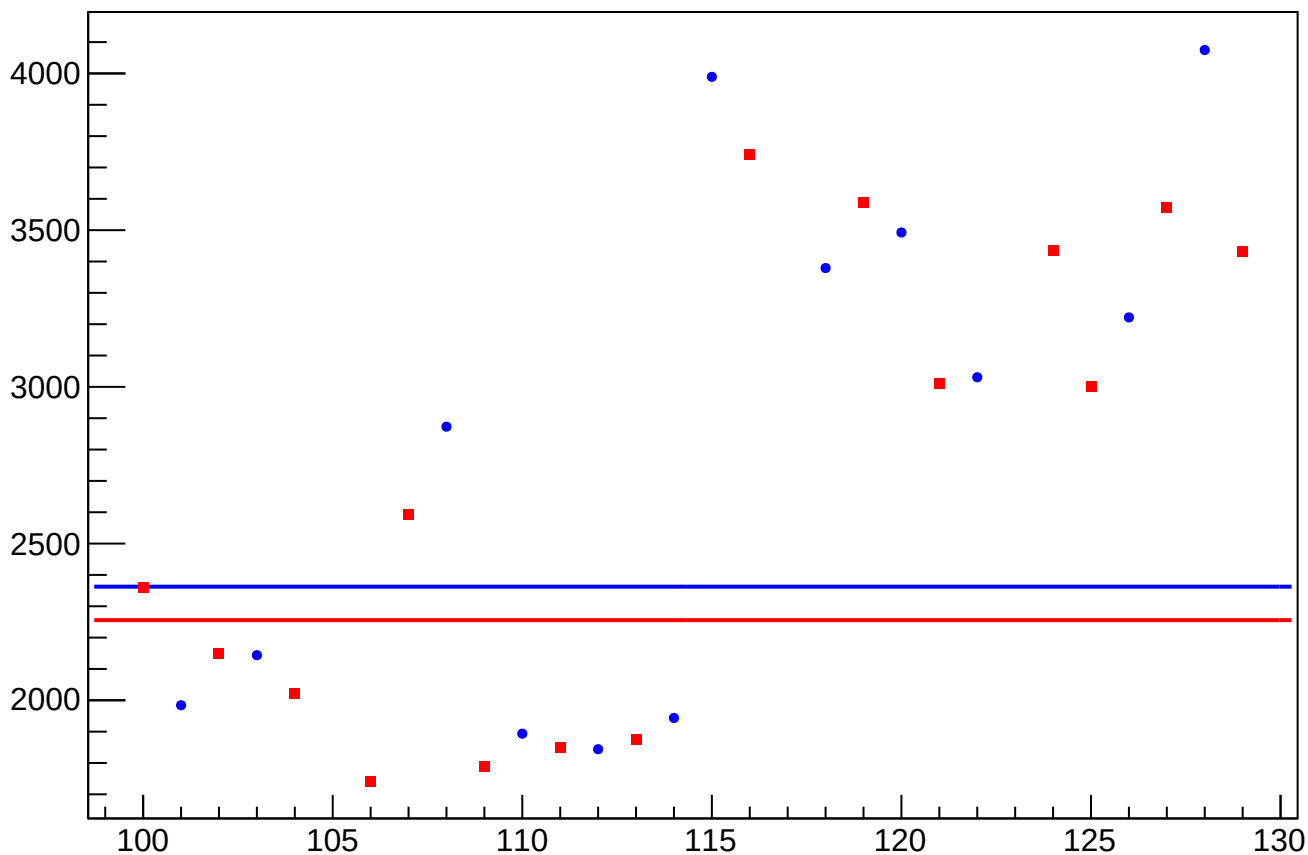
Right: 1529.381+/-728.387 χ^2/NDF : 26.2/26

In: 551.097+/-1102.033 χ^2/NDF :12.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1529.381+/-728.387 χ^2/NDF : 26.2/26

asym_sam4_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2362.509+/-0.779 χ^2/NDF : 697714.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

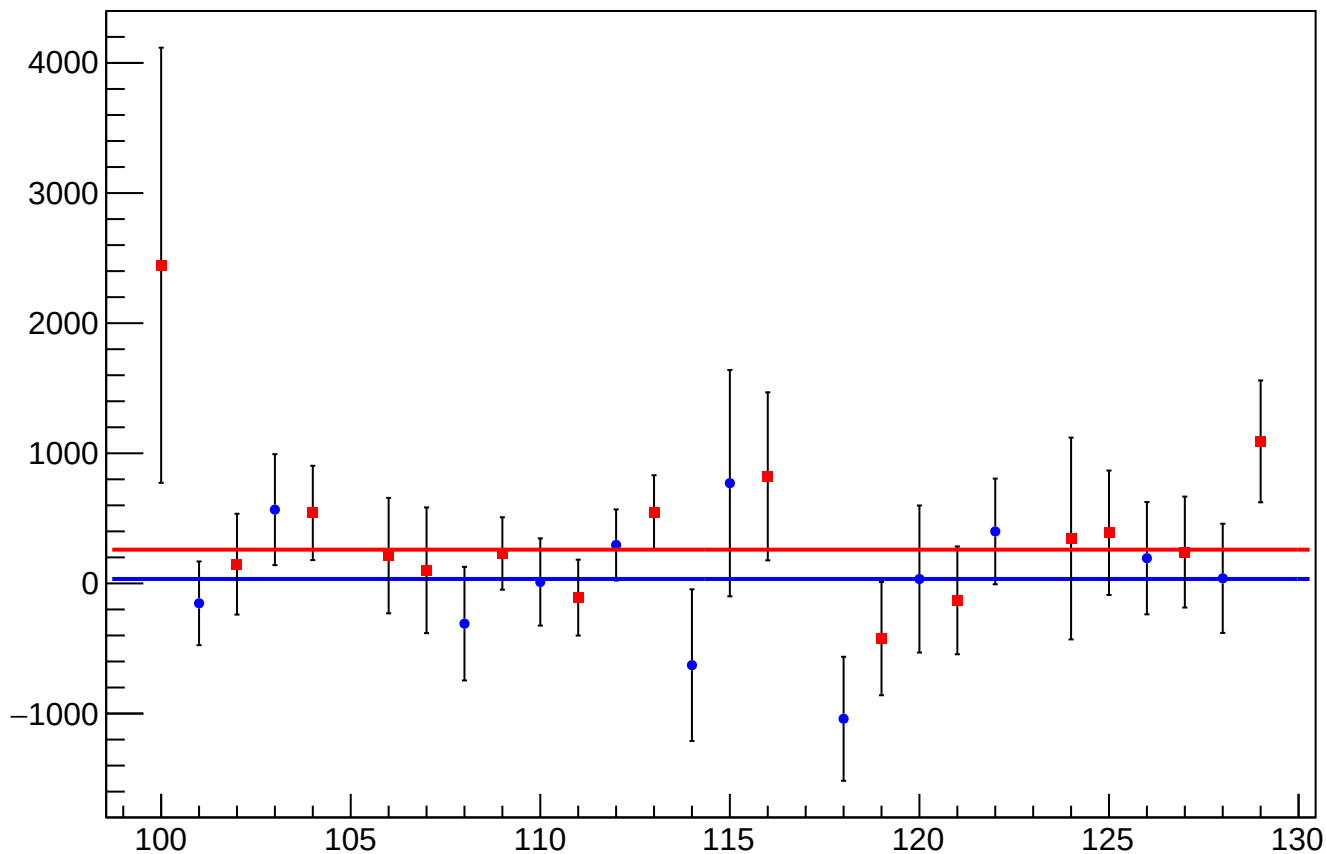
Right: 2302.362+/-0.515 χ^2/NDF : 1524607.1/26

In: 2362.509+/-0.779 χ^2/NDF : 697714.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2302.362+/-0.515 χ^2/NDF : 1524607.1/26

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 34.209+/-118.176 χ^2/NDF : 11.5/11

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

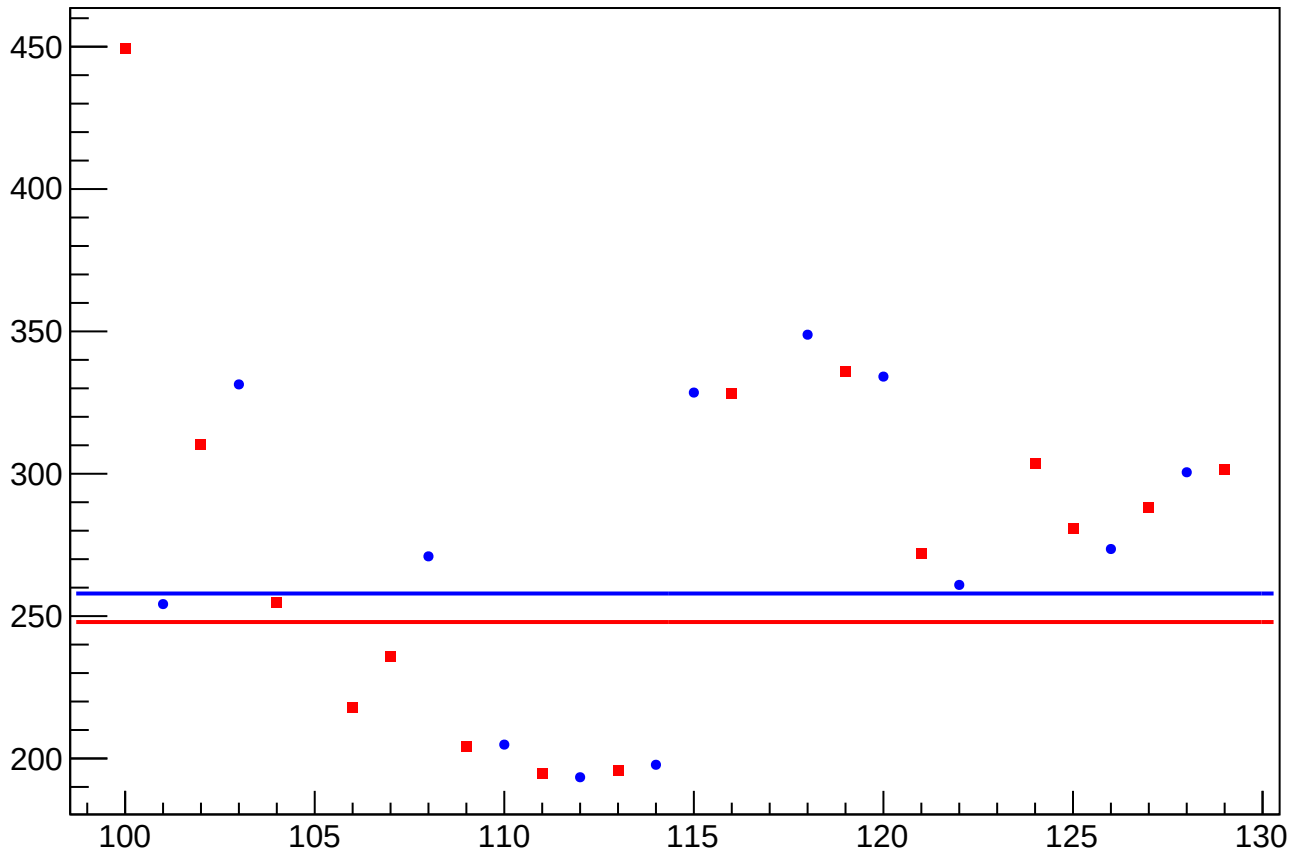
Right: 160.058+/-78.503 χ^2/NDF : 26.0/26

In: 34.209+/-118.176 χ^2/NDF : 11.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.058+/-78.503 χ^2/NDF : 26.0/26

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 257.940+/-0.084 χ^2/NDF : 389889.5/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 247.919+/-0.074 χ^2/NDF : 458551.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

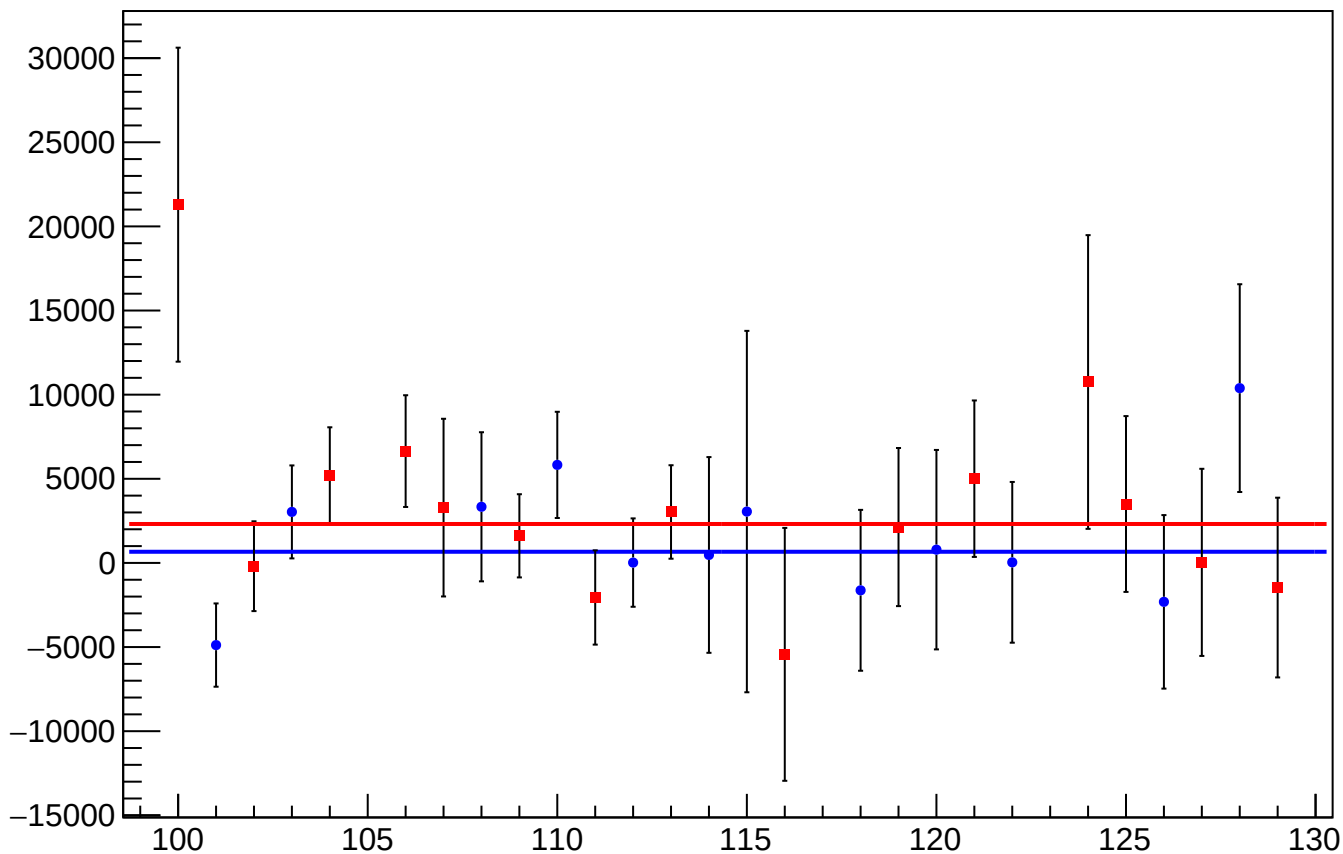
Right: 252.341+/-0.056 χ^2/NDF : 856475.2/26

In: 257.940+/-0.084 χ^2/NDF :389889.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 252.341+/-0.056 χ^2/NDF : 856475.2/26

asym_sam4_dit_correction_mean vs Slug, Sign Corrected



Right In: 663.341+/-1111.947 χ^2/NDF : 12.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

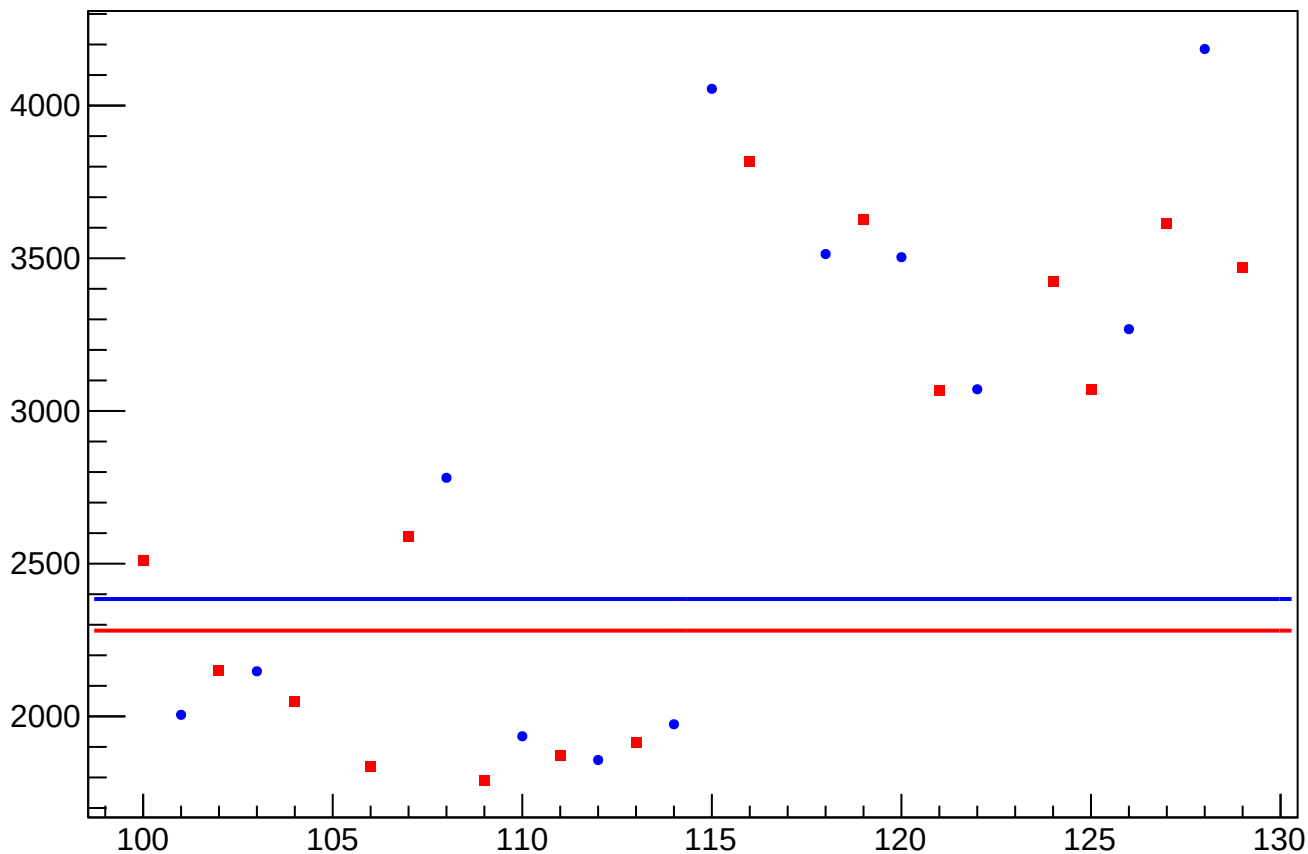
Right: 1595.472+/-733.656 χ^2/NDF : 26.6/26

In: 663.341+/-1111.947 χ^2/NDF : 12.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1595.472+/-733.656 χ^2/NDF : 26.6/26

asym_sam4_dit_correction_rms vs Slug, Sign Corrected



Right In: 2384.259+/-0.786 χ^2/NDF : 710404.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

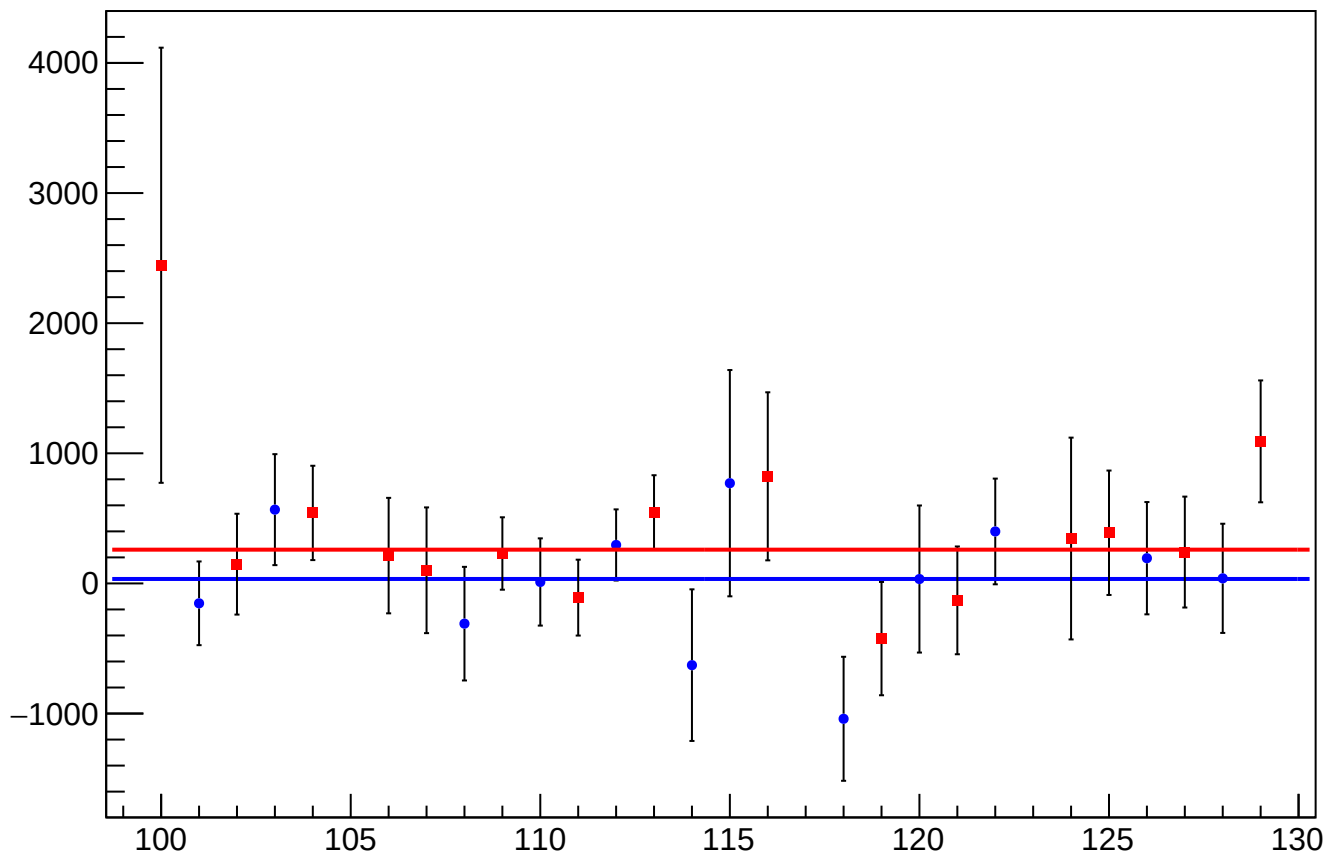
Right: 2325.808+/-0.519 χ^2/NDF : 1536771.1/26

In: 2384.259+/-0.786 χ^2/NDF : 710404.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2325.808+/-0.519 χ^2/NDF : 1536771.1/26

eigen_dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 34.208+/-118.176 χ^2/NDF : 11.5/11

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

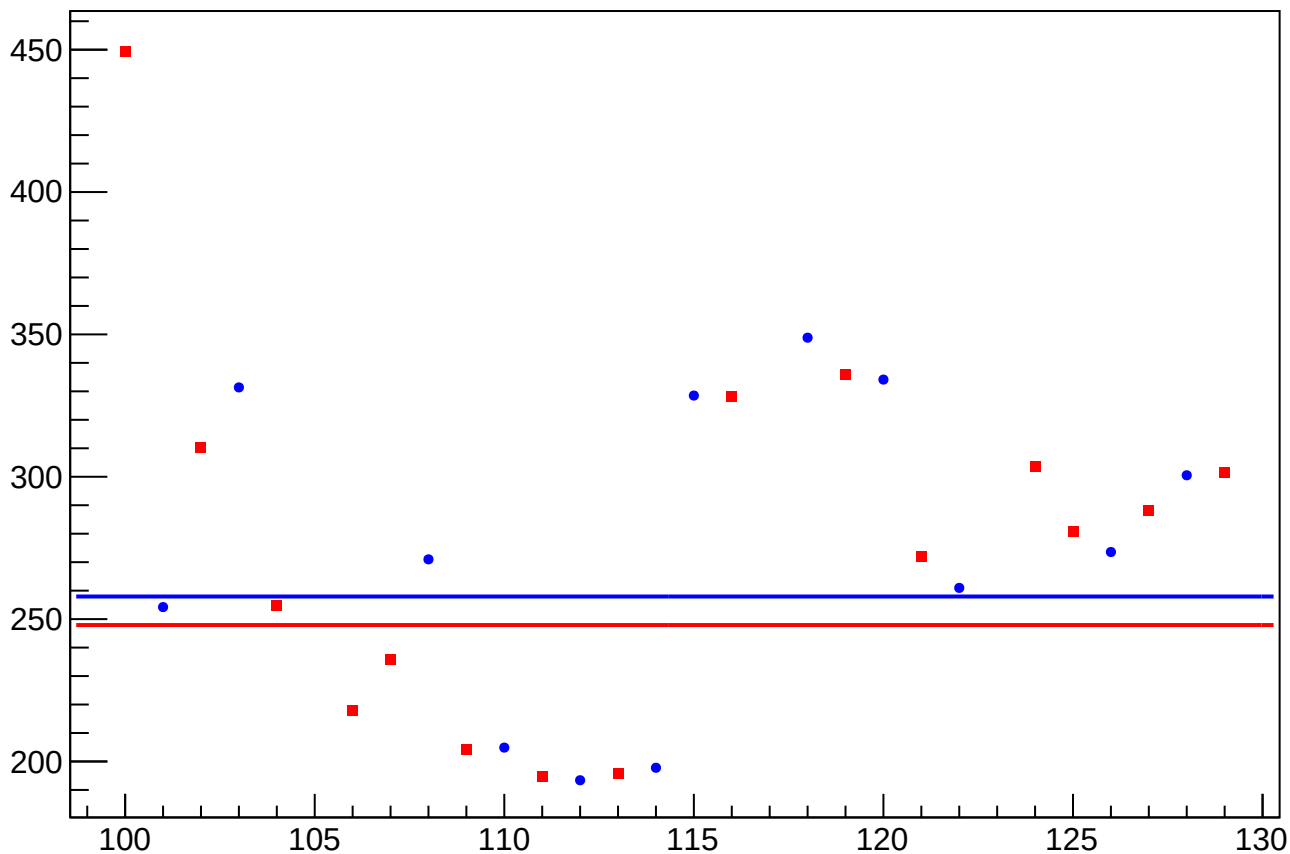
Right: 160.057+/-78.503 χ^2/NDF : 26.0/26

In: 34.208+/-118.176 χ^2/NDF : 11.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.057+/-78.503 χ^2/NDF : 26.0/26

eigen_dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 257.940+/-0.084 χ^2/NDF : 389893.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 247.919+/-0.074 χ^2/NDF : 458552.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

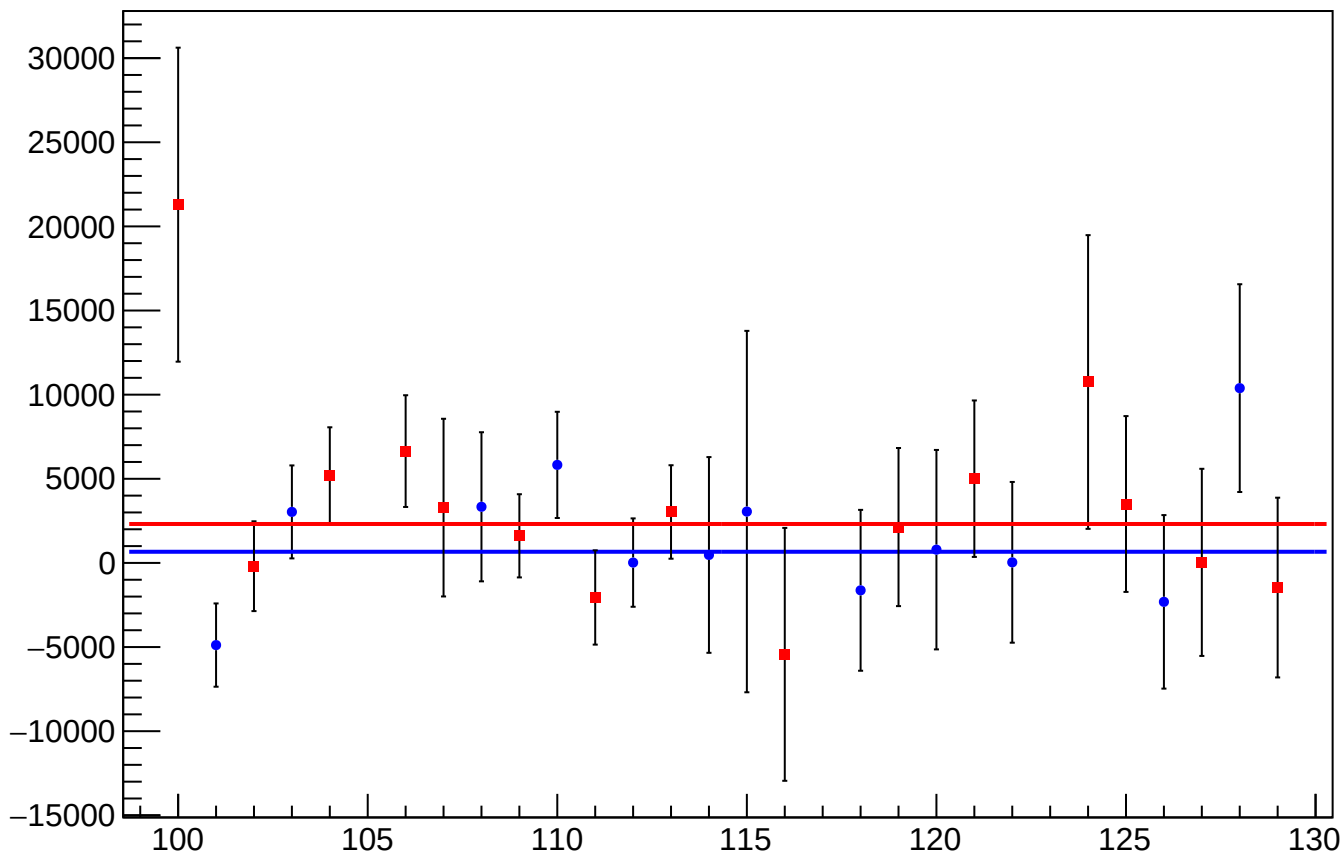
Right: 252.341+/-0.056 χ^2/NDF : 856480.1/26

In: 257.940+/-0.084 χ^2/NDF : 389893.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 252.341+/-0.056 χ^2/NDF : 856480.1/26

asym_sam4_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 663.342+/-1111.946 χ^2/NDF : 12.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

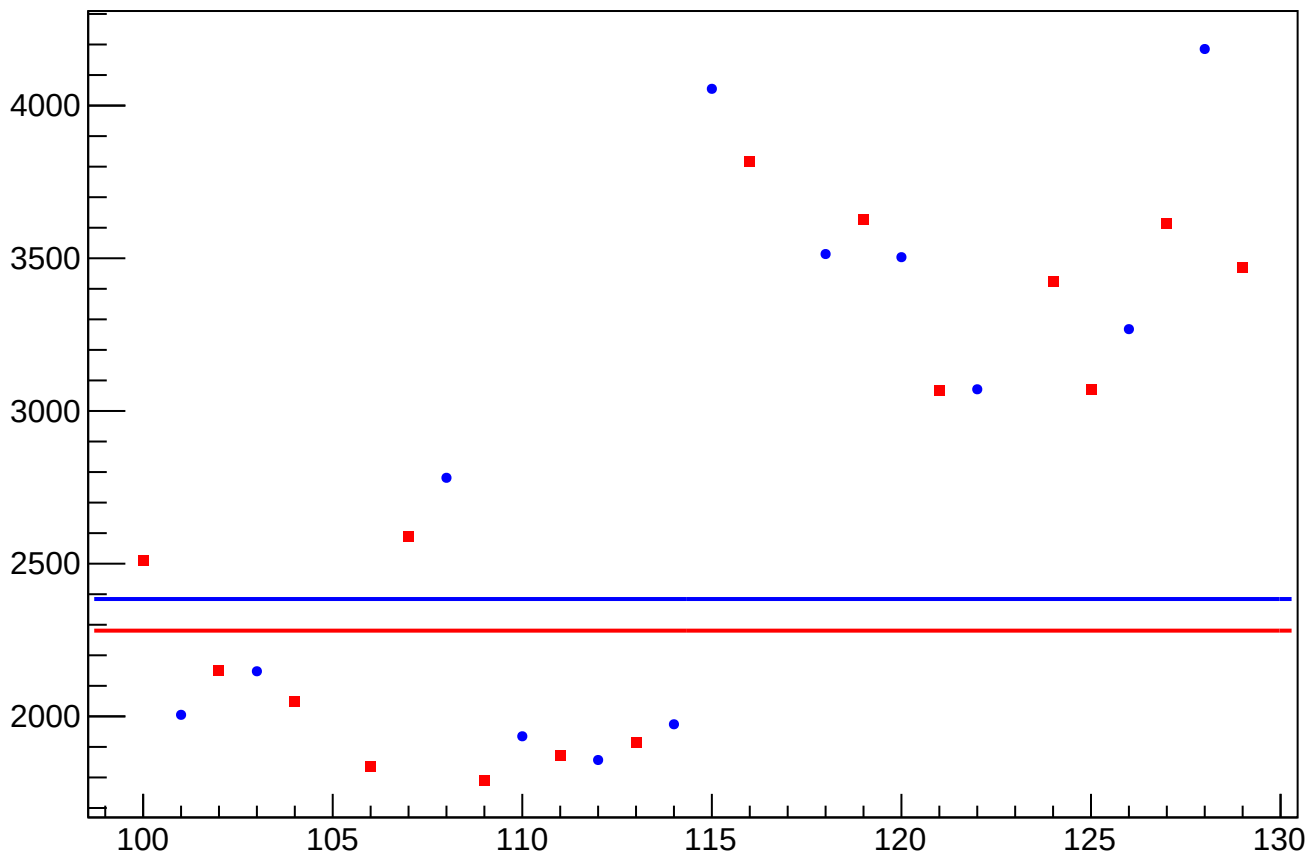
Right: 1595.472+/-733.656 χ^2/NDF : 26.6/26

In: 663.342+/-1111.946 χ^2/NDF : 12.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1595.472+/-733.656 χ^2/NDF : 26.6/26

asym_sam4_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2384.258+/-0.786 χ^2/NDF : 710406.8/11

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

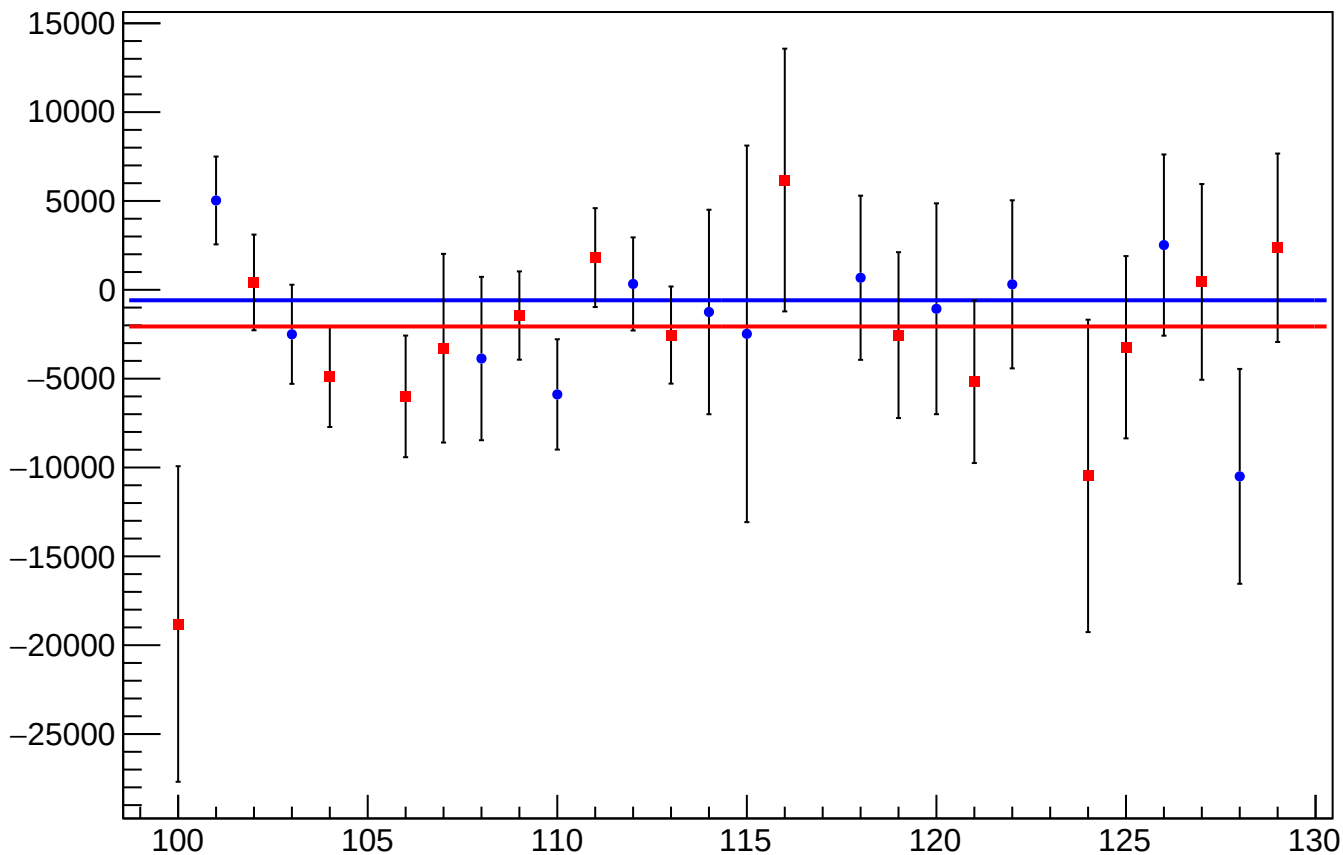
Right: 2325.806+/-0.519 χ^2/NDF : 1536776.1/26

In: 2384.258+/-0.786 χ^2/NDF : 710406.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2325.806+/-0.519 χ^2/NDF : 1536776.1/26

asym_sam4_mean vs Slug, Sign Corrected



Right In: -589.196+/-1108.590 χ^2/NDF : 12.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

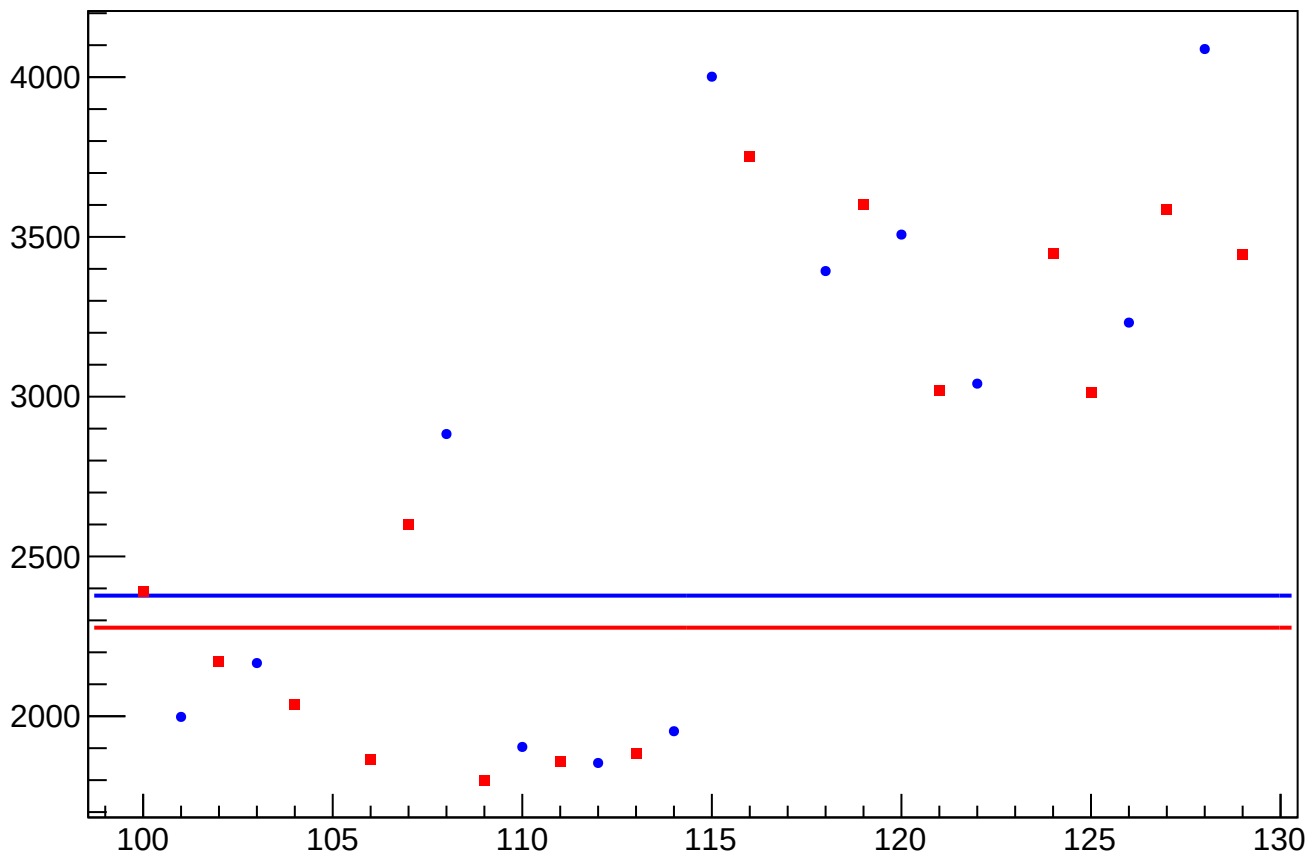
Right: -1420.667+/-732.046 χ^2/NDF : 25.8/26

In: -589.196+/-1108.590 χ^2/NDF : 12.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1420.667+/-732.046 χ^2/NDF : 25.8/26

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2377.403+/-0.784 χ^2/NDF : 691765.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

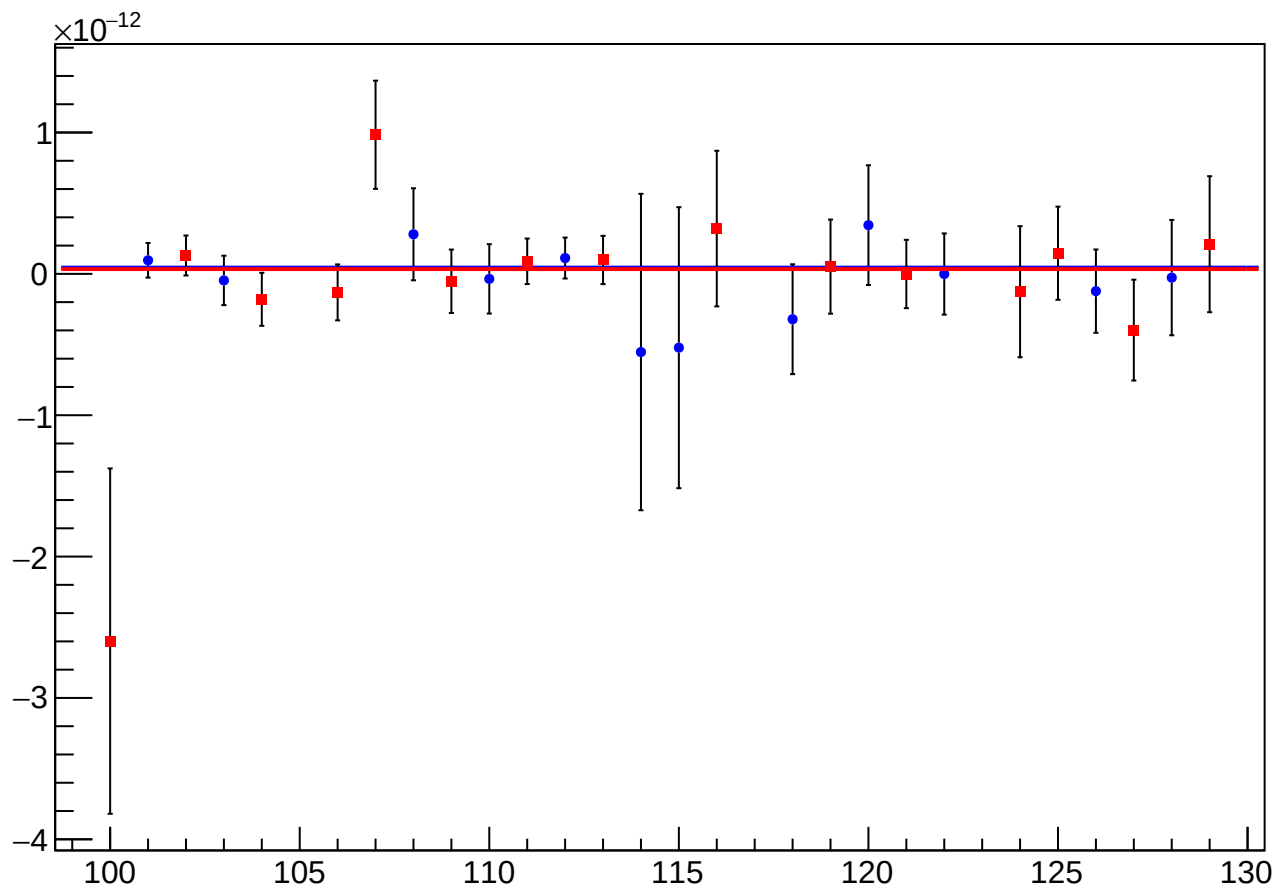
Right: 2320.853+/-0.518 χ^2/NDF : 1495500.5/26

In: 2377.403+/-0.784 χ^2/NDF : 691765.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2320.853+/-0.518 χ^2/NDF : 1495500.5/26

asym_sam4_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

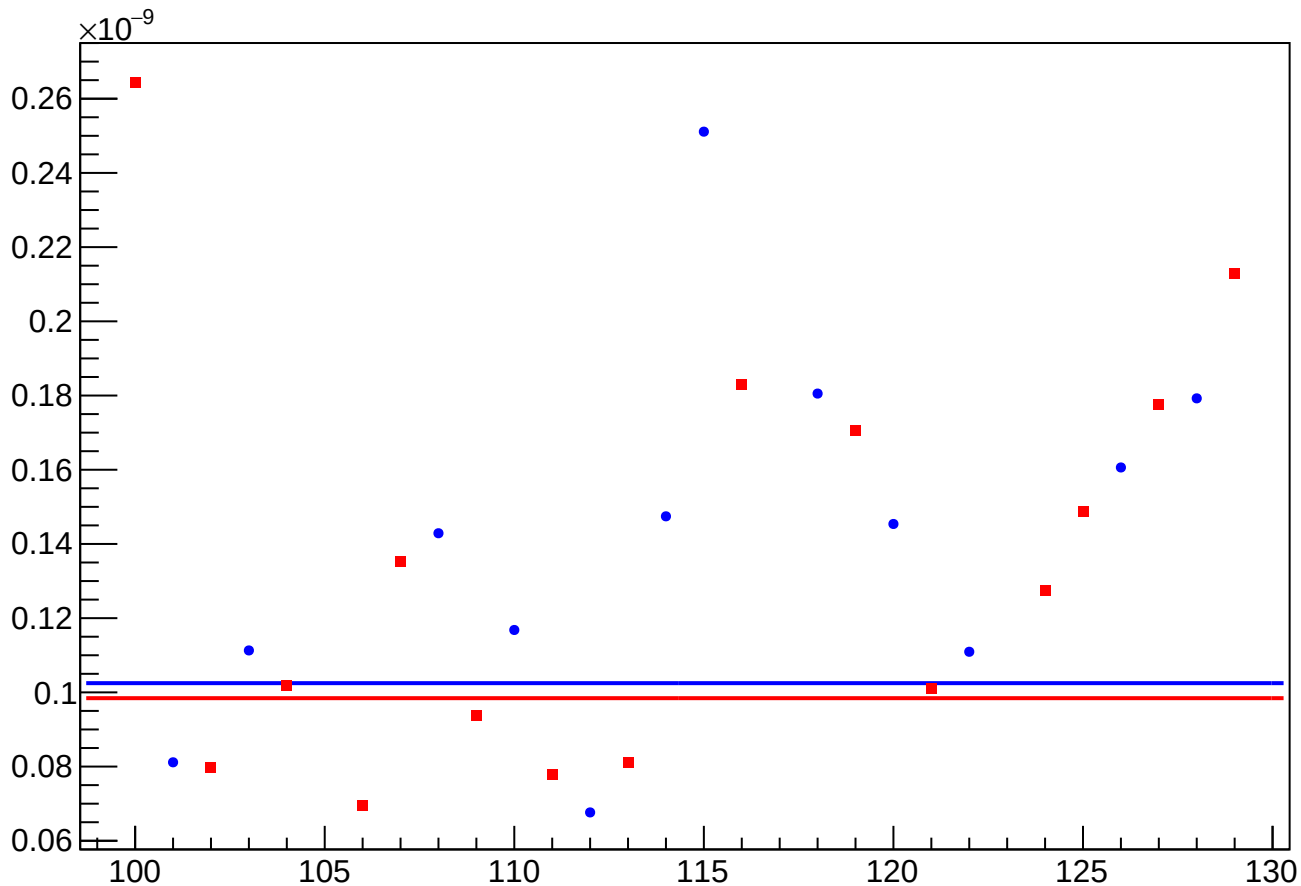
Right: 0.000+/-0.000 χ^2/NDF : 19.5/26

In: 0.000+/-0.000 χ^2/NDF : 3.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.5/26

asym_sam4_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 518621.6/11

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

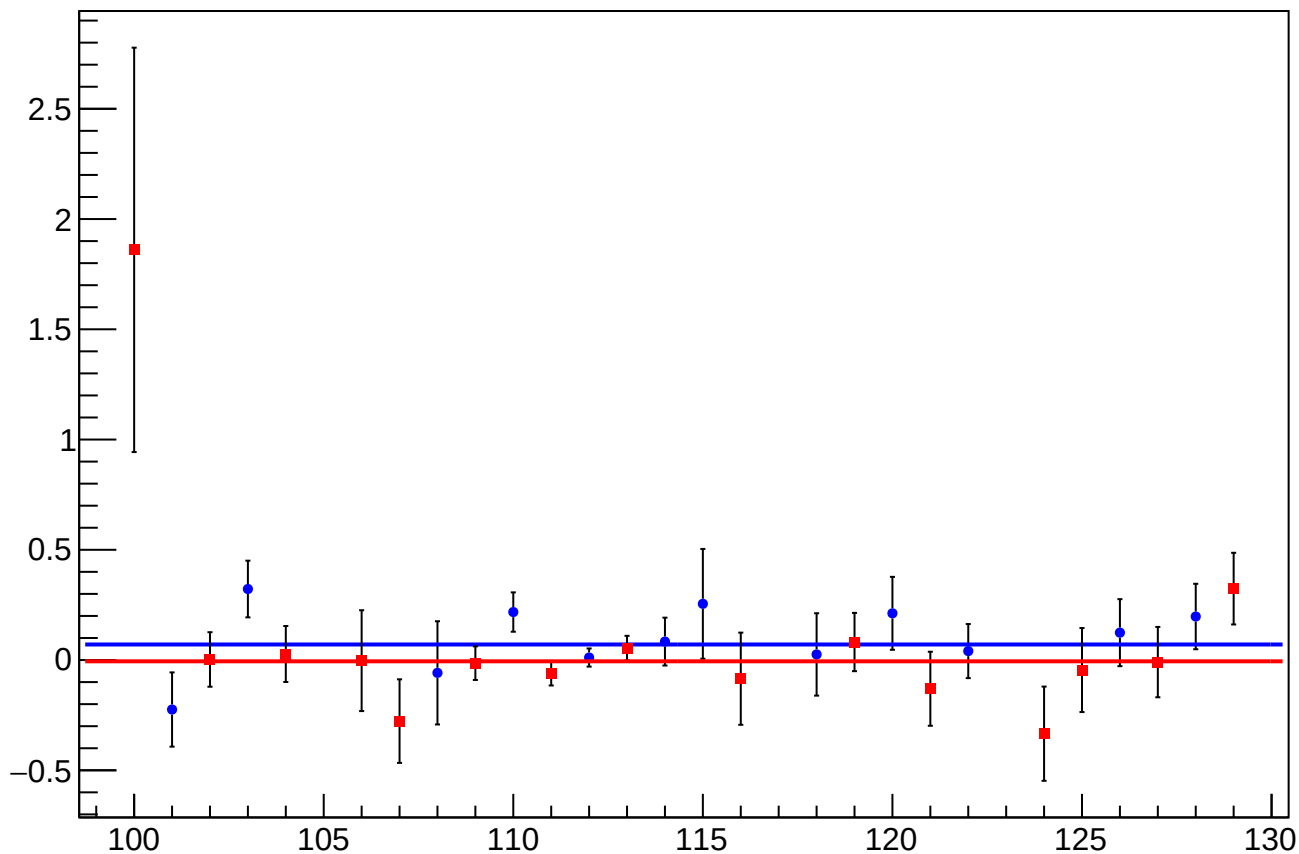
Right: 0.000+/-0.000 χ^2/NDF : 1117034.4/26

In: 0.000+/-0.000 χ^2/NDF : 518621.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1117034.4/26

asym_sam4_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.071+/-0.029 χ^2/NDF : 14.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.006+/-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

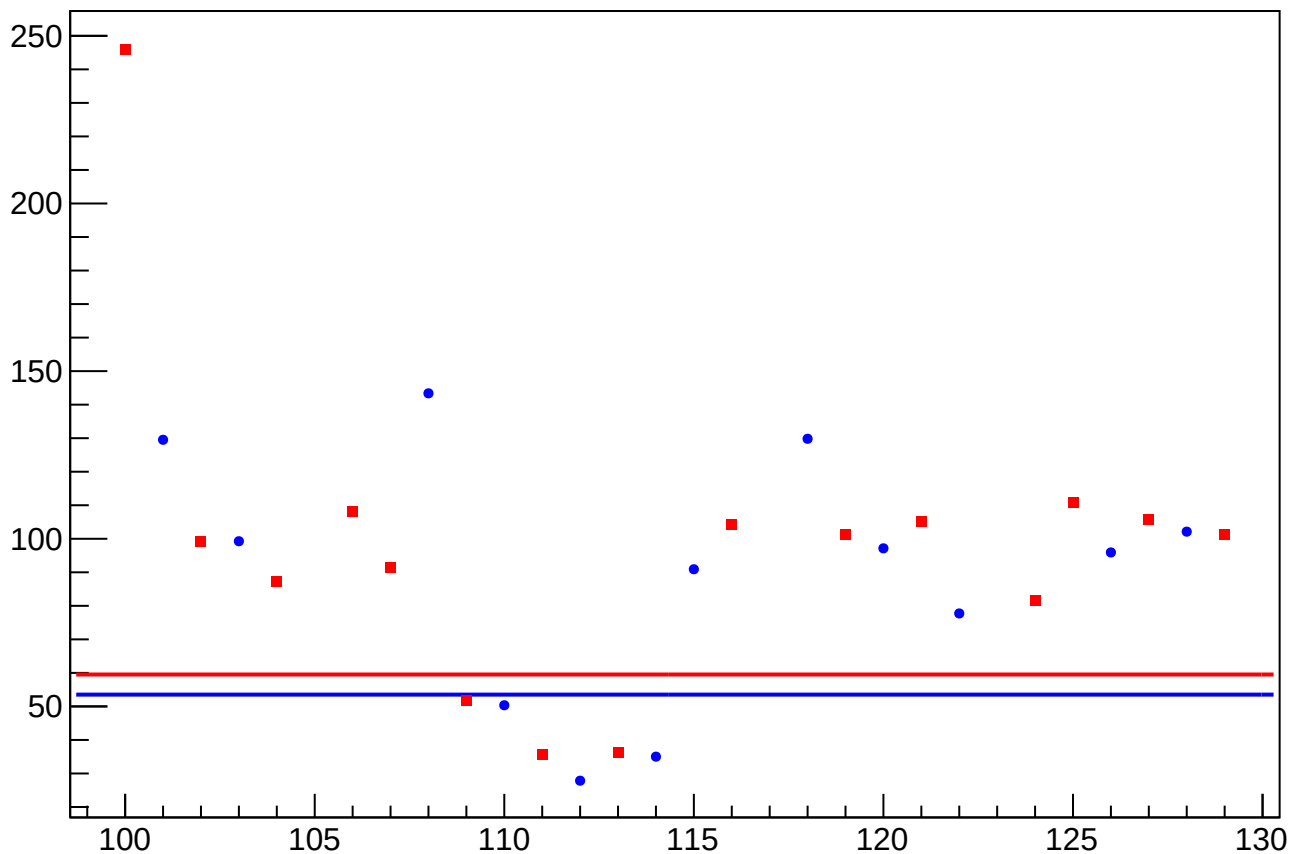
Right: 0.031+/-0.020 χ^2/NDF : 33.8/26

In: 0.071+/-0.029 χ^2/NDF : 14.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.031+/-0.020 χ^2/NDF : 33.8/26

asym_sam4_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.520+/-0.021 χ^2/NDF : 2761187.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

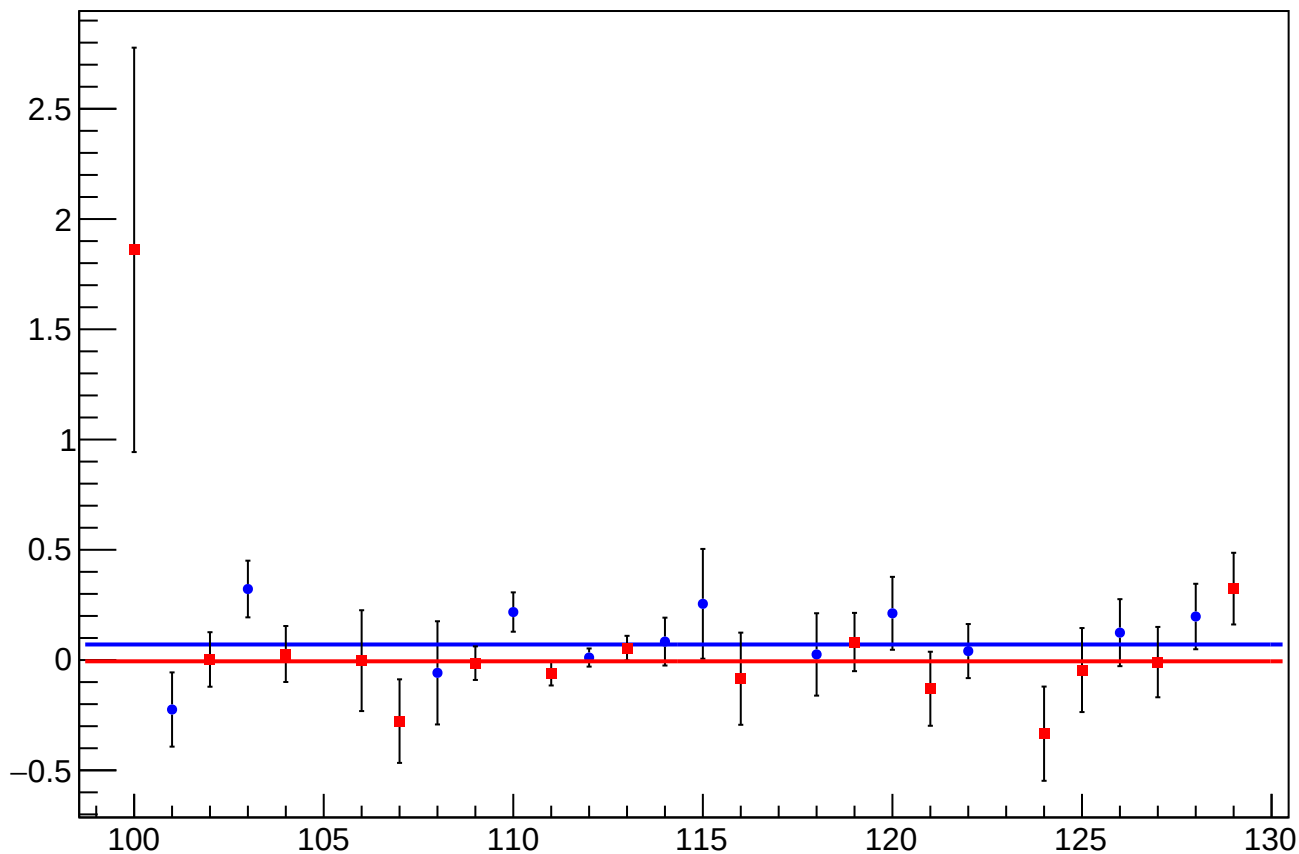
Right: 56.632+/-0.014 χ^2/NDF : 4988423.9/26

In: 53.520+/-0.021 χ^2/NDF :2761187.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 56.632+/-0.014 χ^2/NDF : 4988423.9/26

asym_sam4_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.071+/-0.029 χ^2/NDF : 14.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.006+/-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

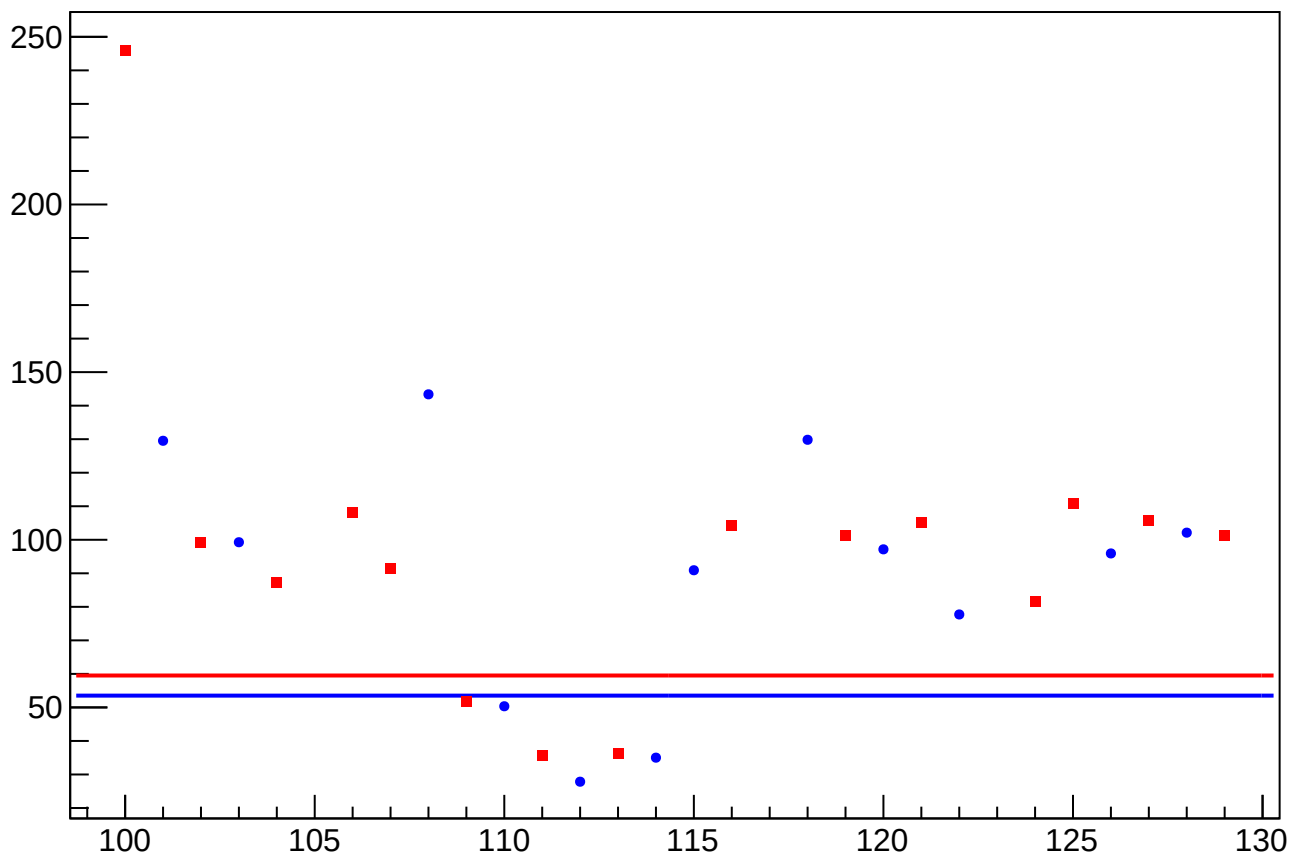
Right: 0.031+/-0.020 χ^2/NDF : 33.8/26

In: 0.071+/-0.029 χ^2/NDF : 14.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.031+/-0.020 χ^2/NDF : 33.8/26

asym_sam4_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.520+/-0.021 χ^2 /NDF: 2761187.9/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 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

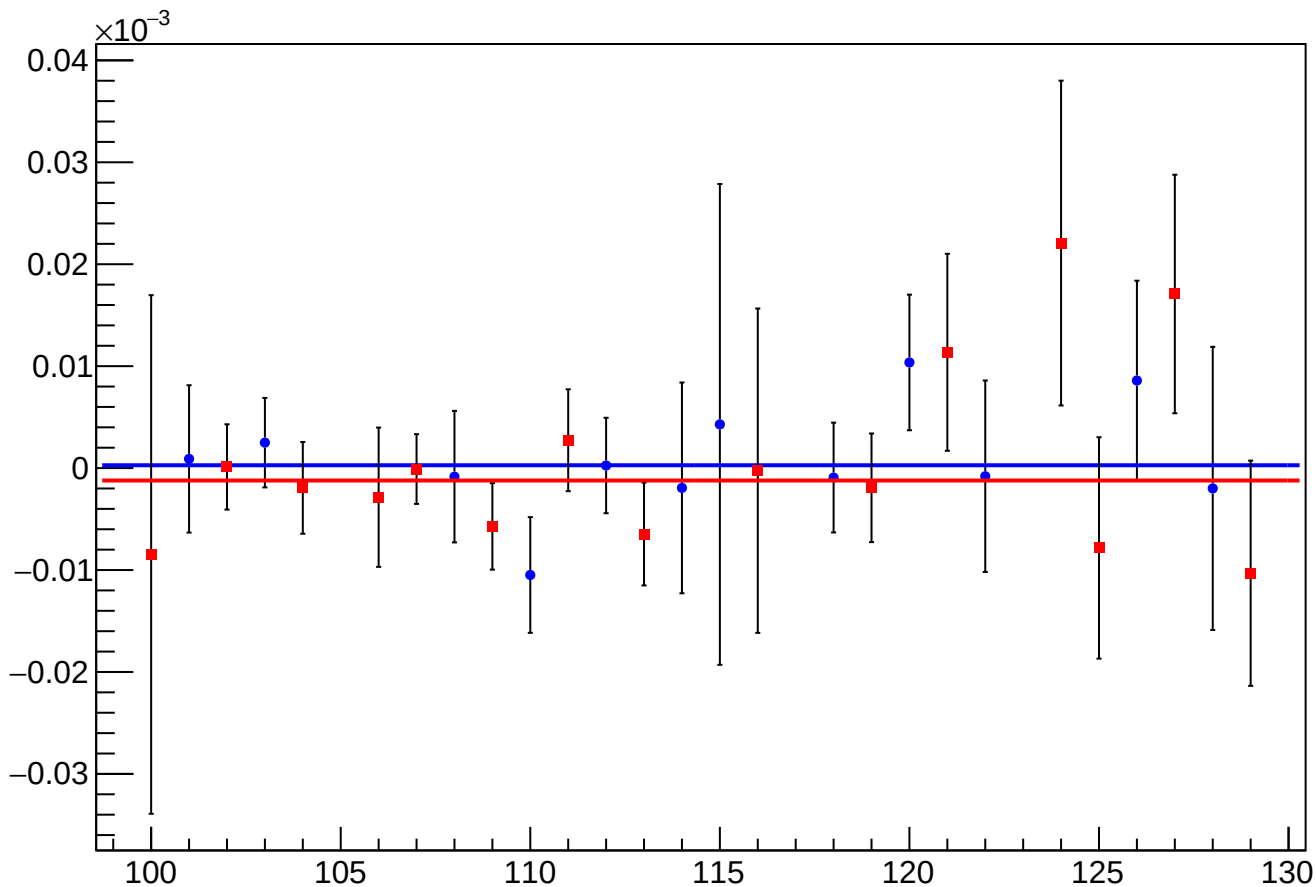
Right: 56.632+/-0.014 χ^2 /NDF: 4988423.9/26

In: 53.520+/-0.021 χ^2 /NDF:2761187.9/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 56.632+/-0.014 χ^2 /NDF: 4988423.9/26

asym_sam4_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 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

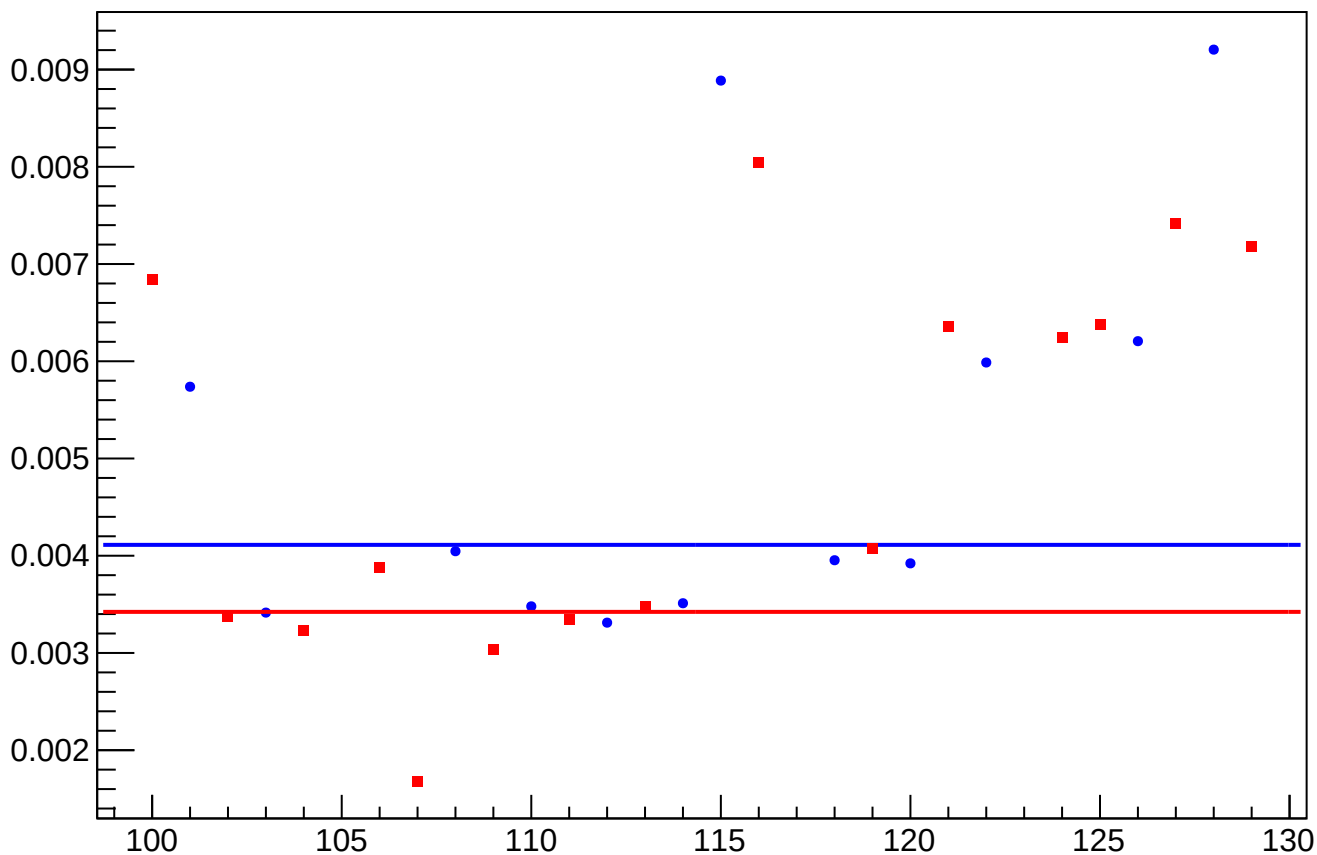
Right: -0.000+/-0.000 χ^2/NDF : 18.0/26

In: 0.000+/-0.000 χ^2/NDF : 7.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.0/26

asym_sam4_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 767335.4/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 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

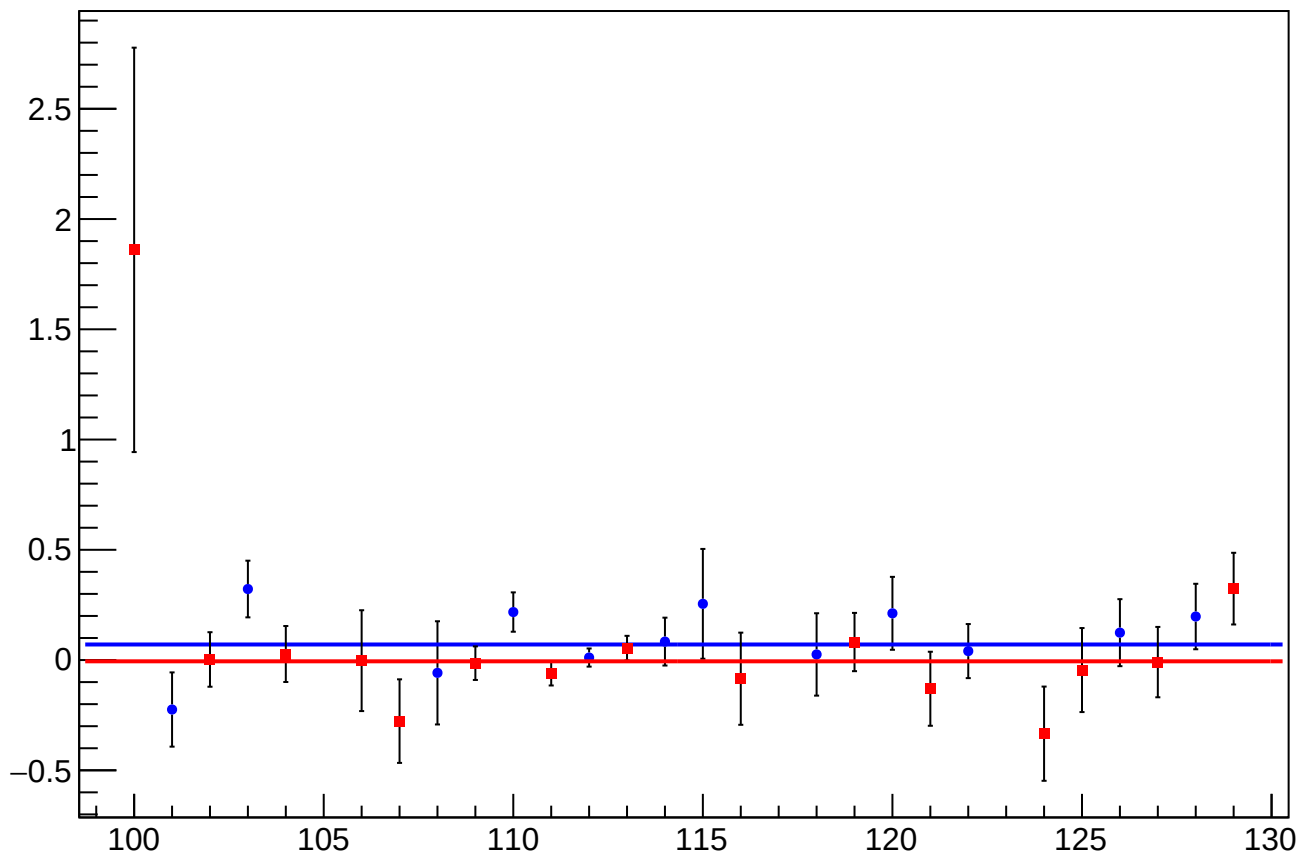
Right: 0.004+/-0.000 χ^2/NDF : 2568558.3/26

In: 0.004+/-0.000 χ^2/NDF :767335.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 2568558.3/26

asym_sam4_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.071+/-0.029 χ^2/NDF : 14.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.006+/-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

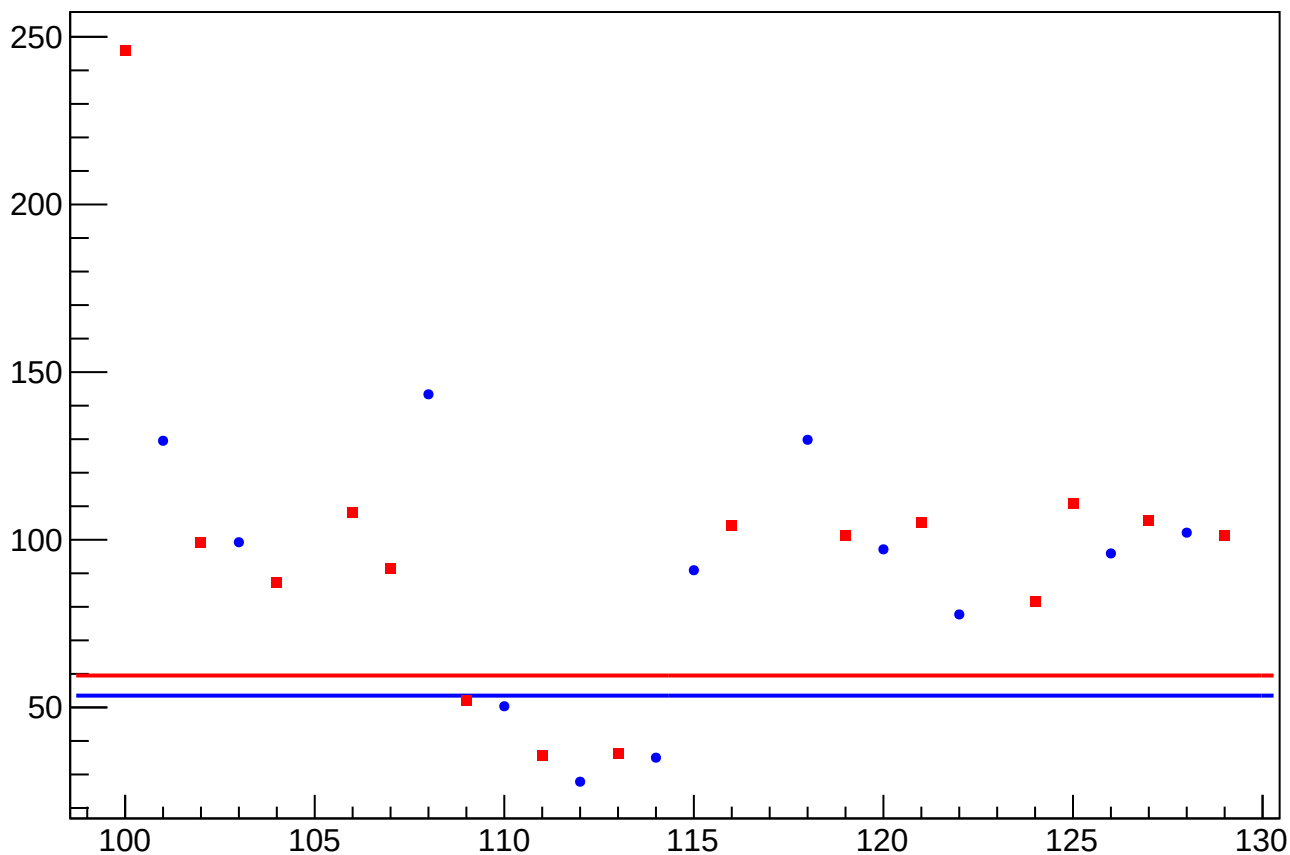
Right: 0.031+/-0.020 χ^2/NDF : 33.8/26

In: 0.071+/-0.029 χ^2/NDF : 14.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.031+/-0.020 χ^2/NDF : 33.8/26

asym_sam4_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.518+/-0.021 χ^2/NDF : 2761364.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

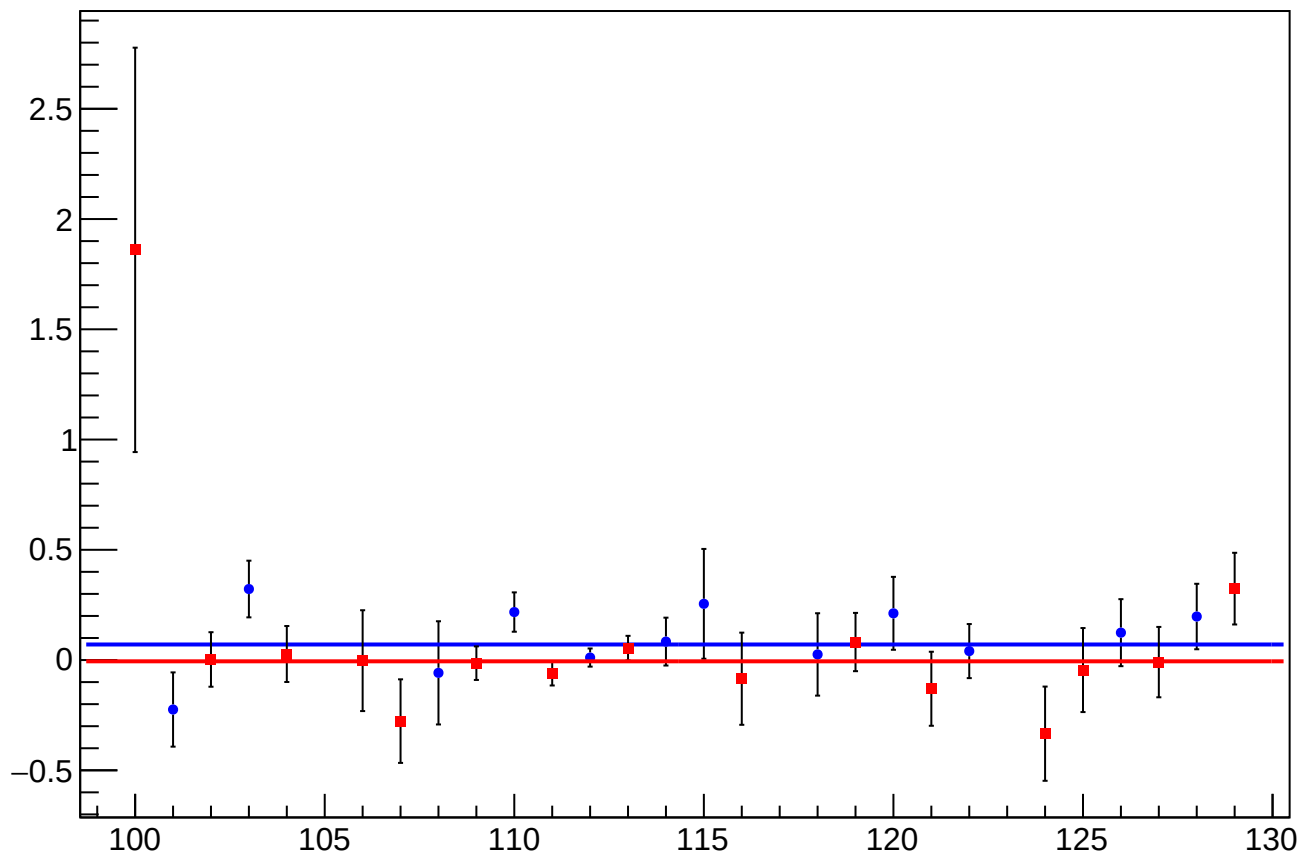
Right: 56.630+/-0.014 χ^2/NDF : 4988787.7/26

In: 53.518+/-0.021 χ^2/NDF :2761364.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 56.630+/-0.014 χ^2/NDF : 4988787.7/26

asym_sam4_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.071+/-0.029 χ^2/NDF : 14.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.006+/-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

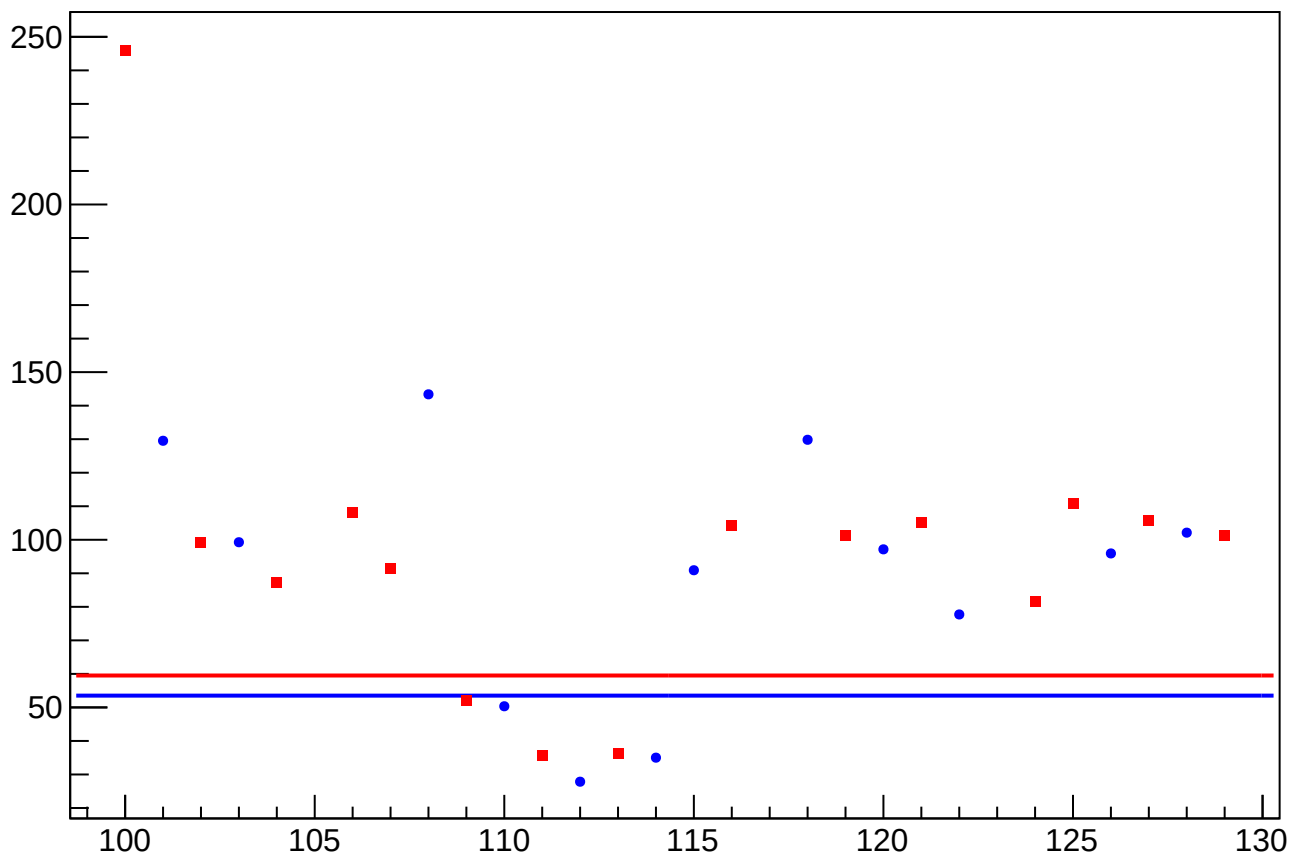
Right: 0.031+/-0.020 χ^2/NDF : 33.8/26

In: 0.071+/-0.029 χ^2/NDF : 14.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.031+/-0.020 χ^2/NDF : 33.8/26

asym_sam4_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.518+/-0.021 χ^2/NDF : 2761364.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

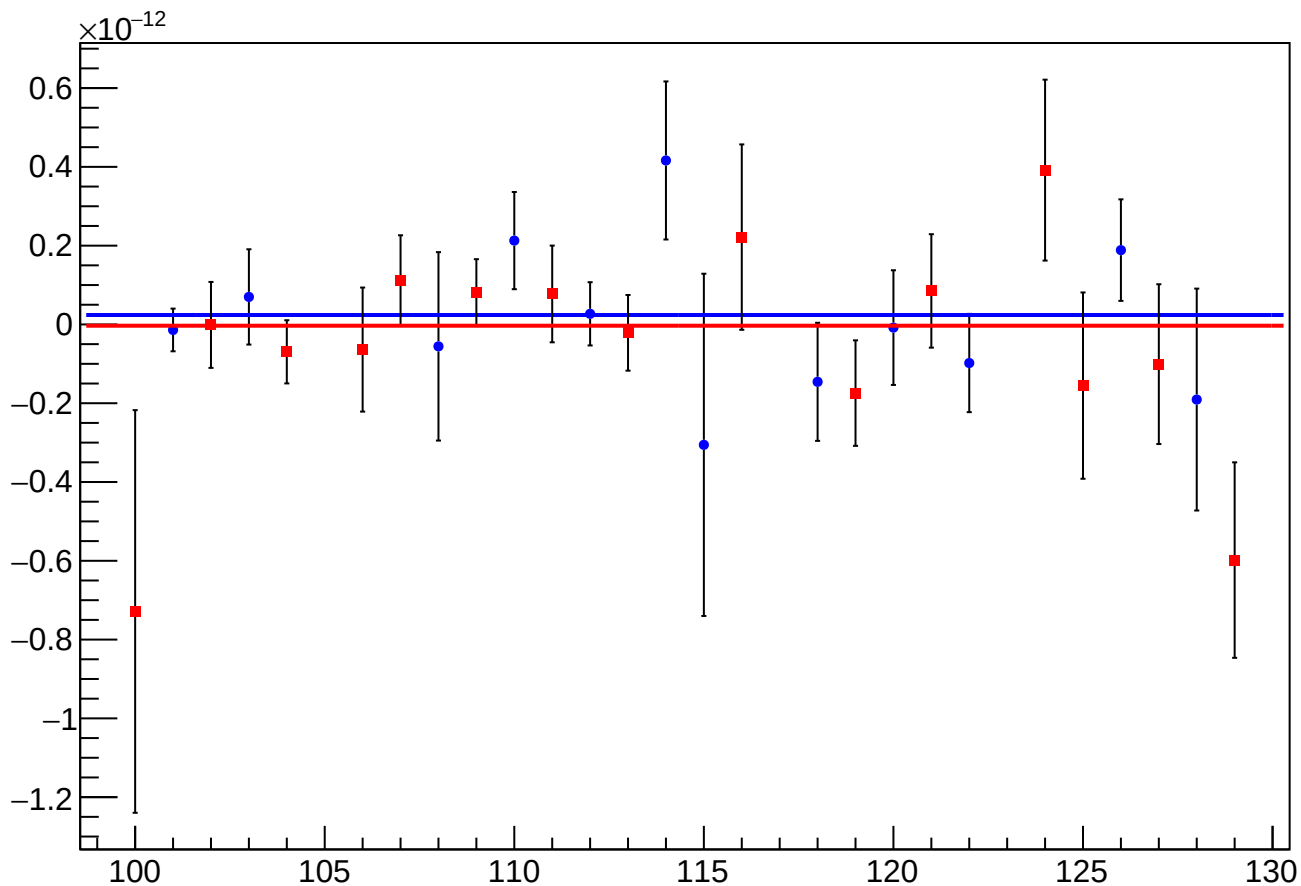
Right: 56.630+/-0.014 χ^2/NDF : 4988787.7/26

In: 53.518+/-0.021 χ^2/NDF :2761364.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 56.630+/-0.014 χ^2/NDF : 4988787.7/26

asym_sam4_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.0/11

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

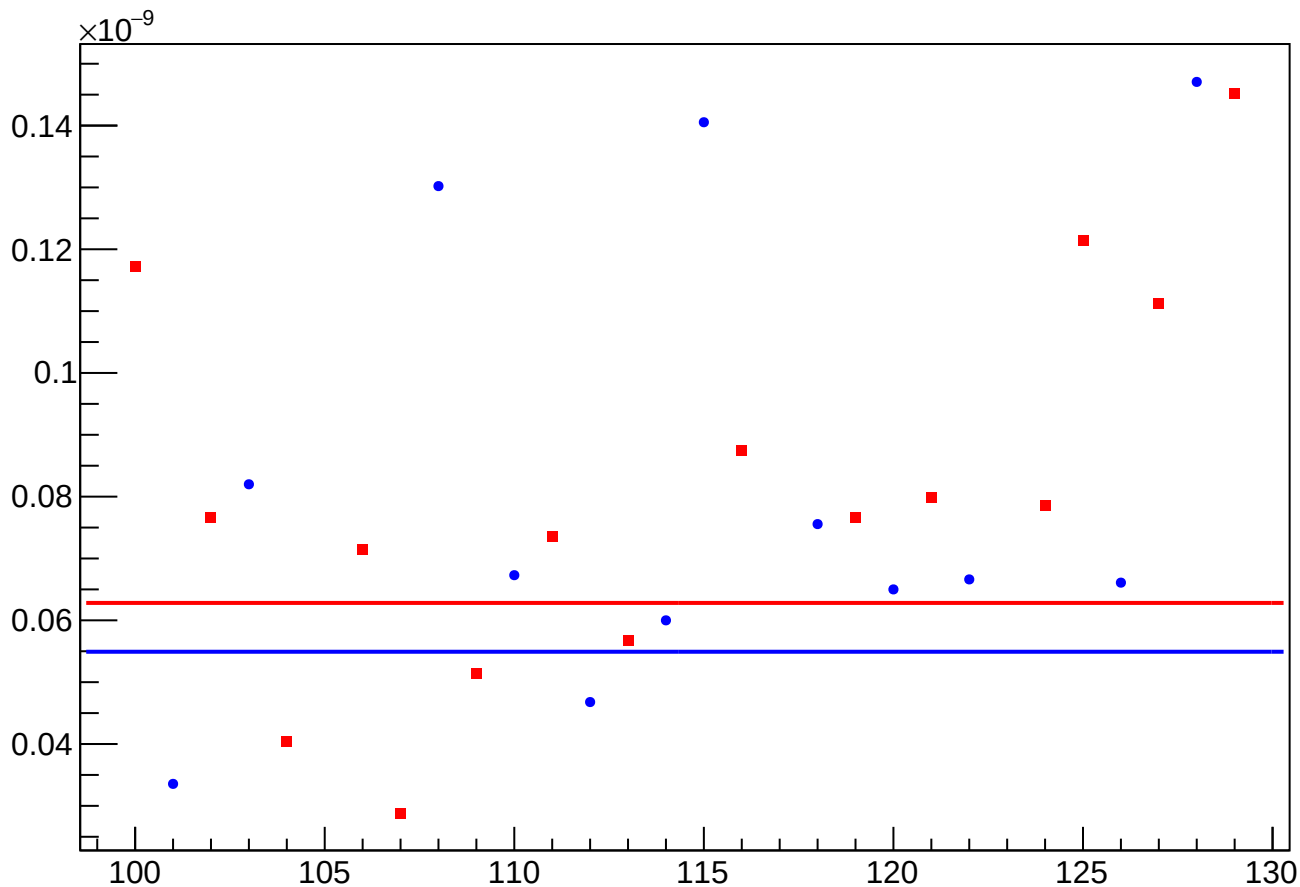
Right: 0.000+/-0.000 χ^2/NDF : 29.9/26

In: 0.000+/-0.000 χ^2/NDF : 12.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.9/26

asym_sam4_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1023440.4/11

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

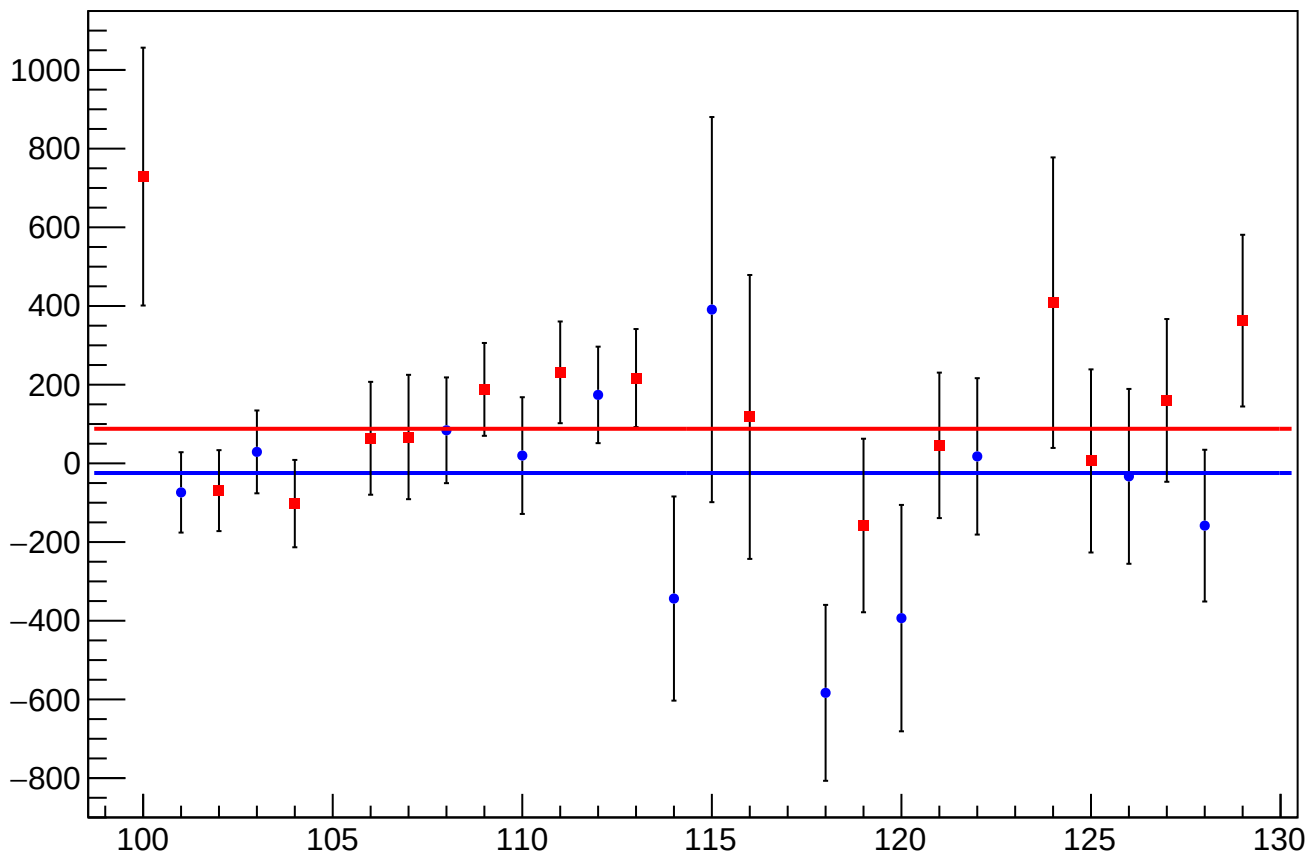
Right: 0.000+/-0.000 χ^2/NDF : 2069603.5/26

In: 0.000+/-0.000 χ^2/NDF : 1023440.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2069603.5/26

reg_asym_sam5_mean vs Slug, Sign Corrected



Right In: -24.487 ± 45.790 χ^2/NDF : 14.5/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 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

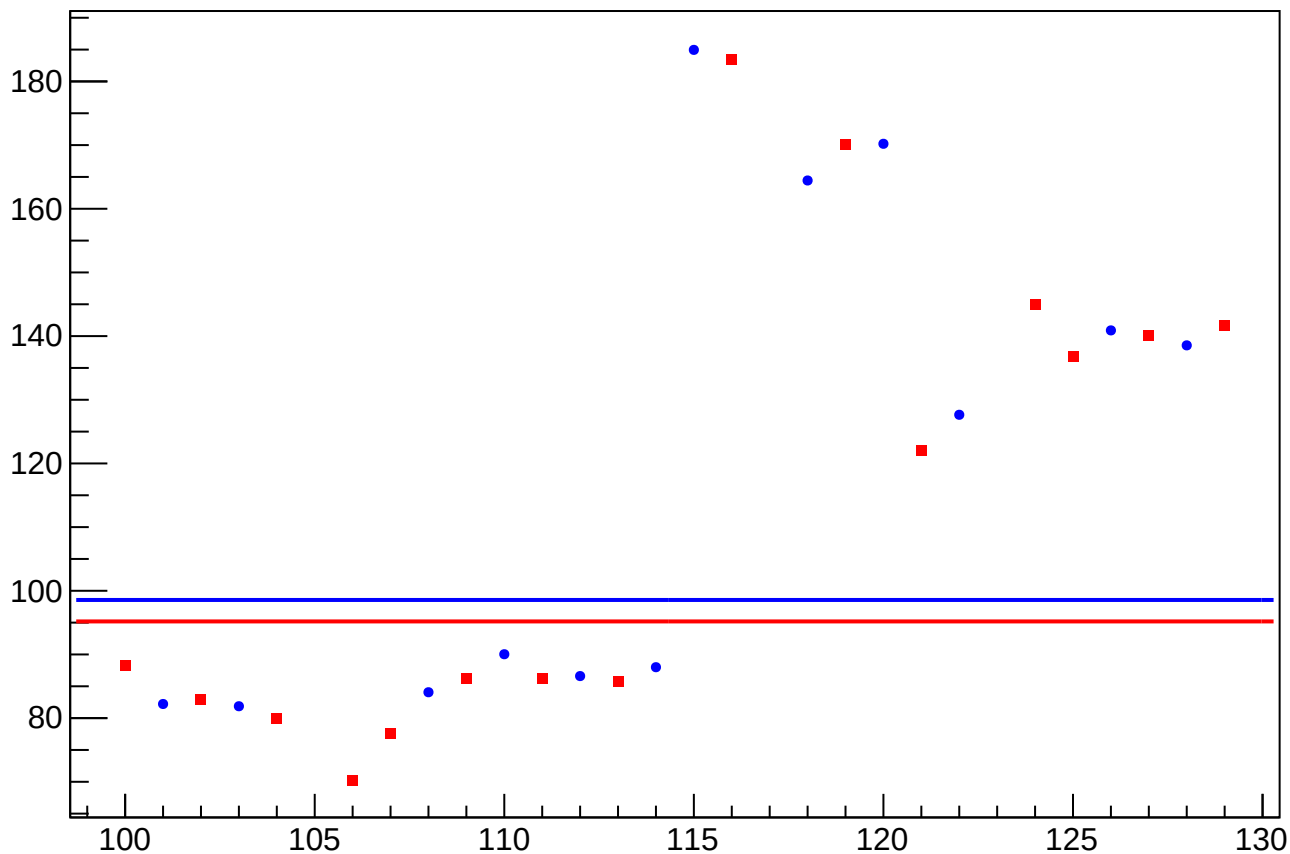
Right: 38.014 ± 30.511 χ^2/NDF : 33.9/26

In: -24.487 ± 45.790 χ^2/NDF : 14.5/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 38.014 ± 30.511 χ^2/NDF : 33.9/26

reg_asym_sam5_rms vs Slug, Sign Corrected



Right In: 98.558+/-0.032 χ^2/NDF : 715079.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

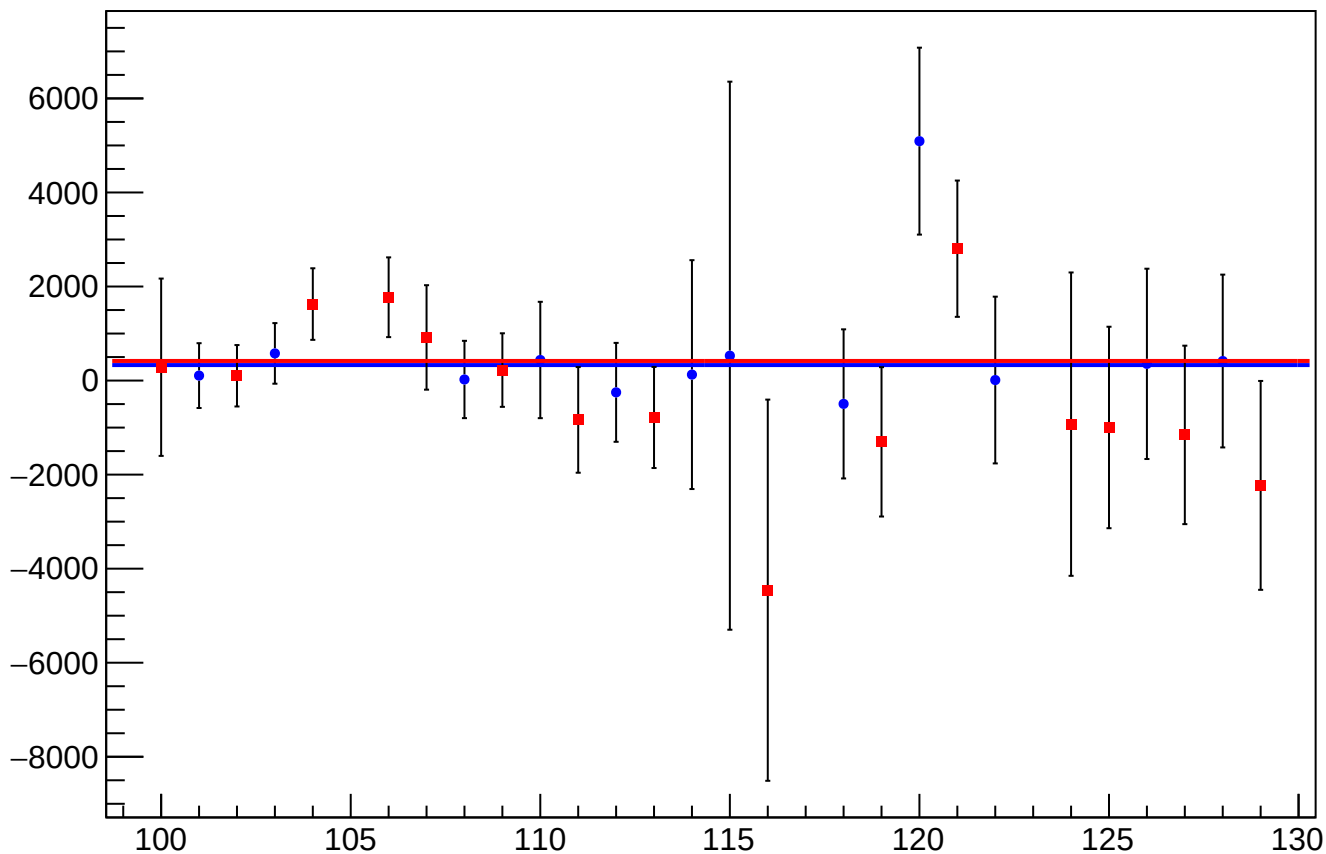
Right: 96.684+/-0.022 χ^2/NDF : 1584291.4/26

In: 98.558+/-0.032 χ^2/NDF : 715079.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.684+/-0.022 χ^2/NDF : 1584291.4/26

asym_sam5_reg_correction_mean vs Slug, Sign Corrected



Right In: 329.375+/-328.632 χ^2/NDF : 6.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

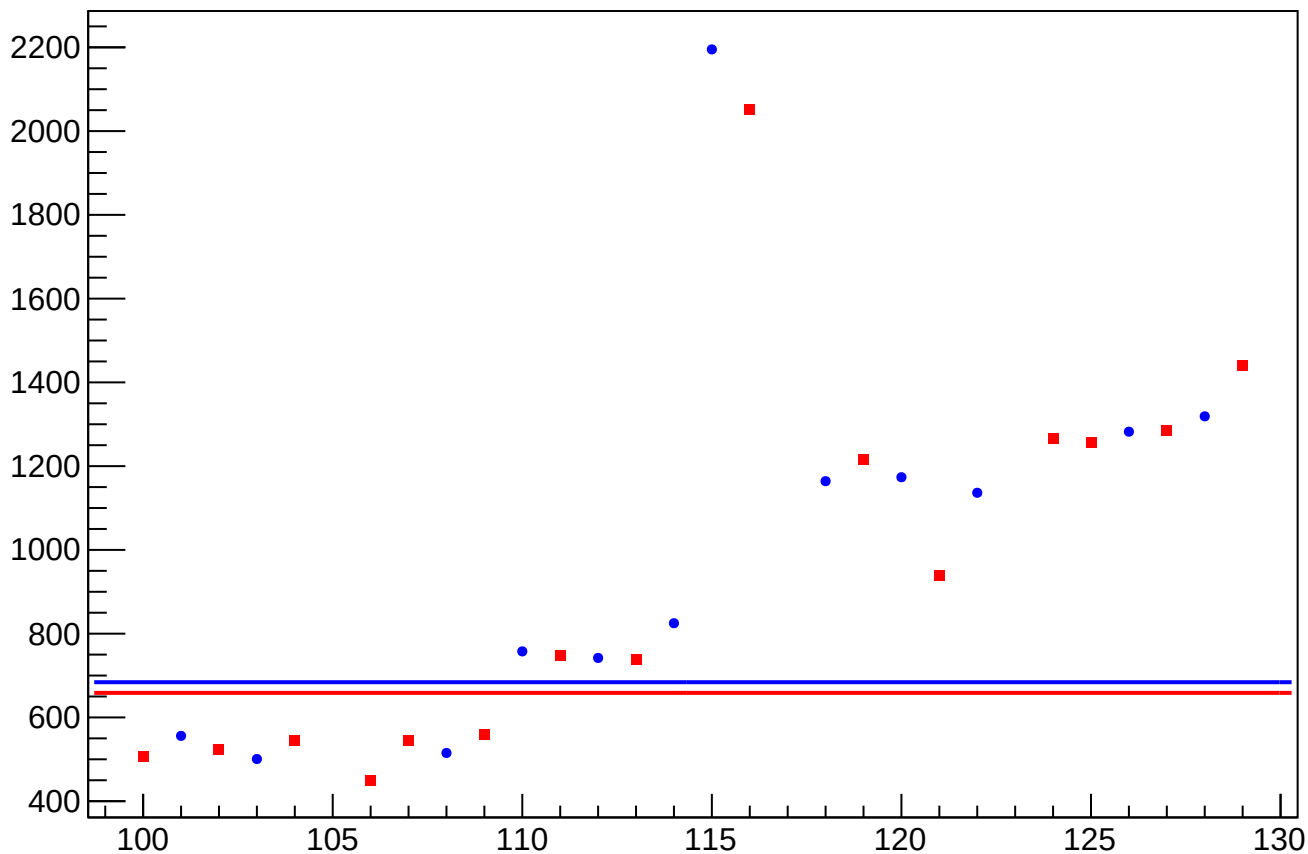
Right: 378.104+/-219.089 χ^2/NDF : 22.9/26

In: 329.375+/-328.632 χ^2/NDF : 6.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 378.104+/-219.089 χ^2/NDF : 22.9/26

asym_sam5_reg_correction_rms vs Slug, Sign Corrected



Right In: 684.107+/-0.232 χ^2/NDF : 1318260.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

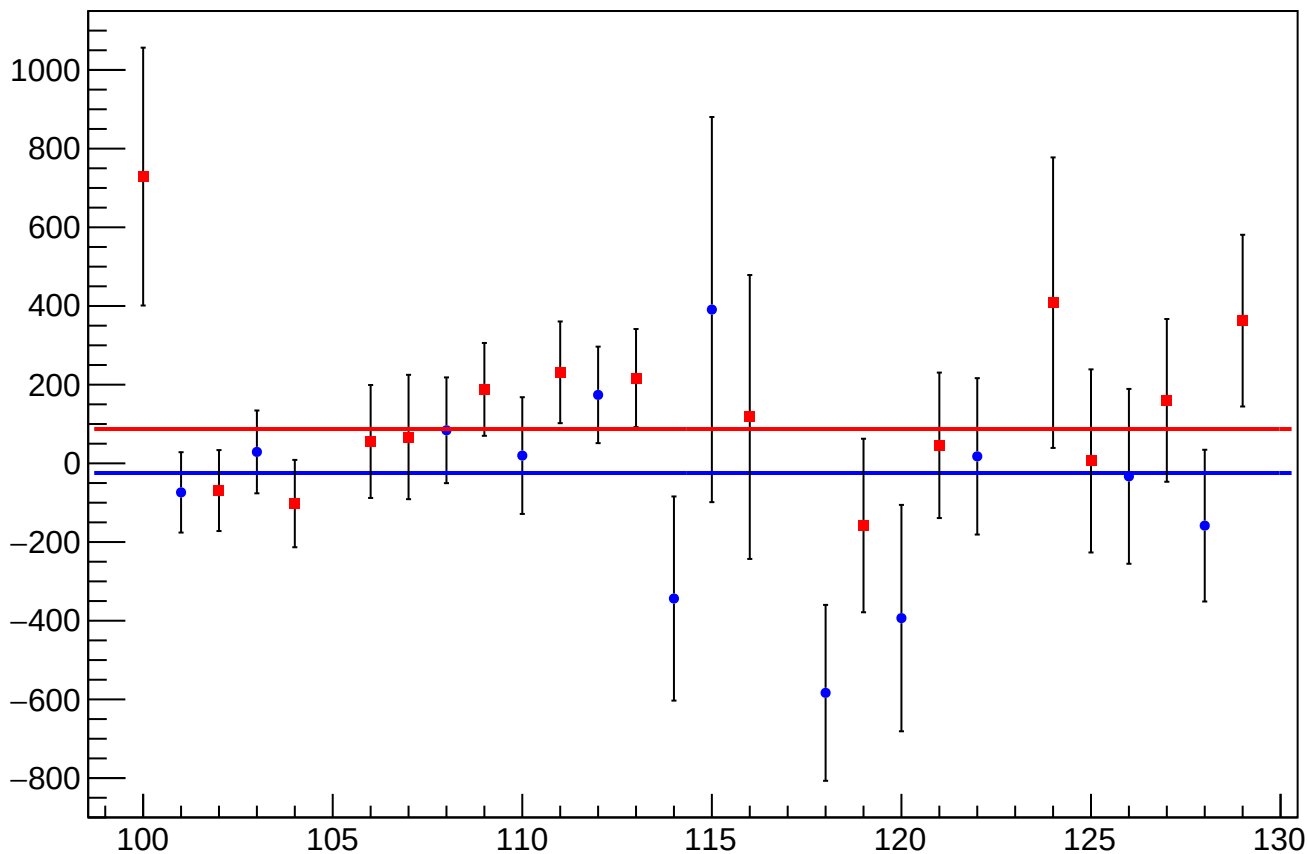
Right: 669.944+/-0.155 χ^2/NDF : 2915904.4/26

In: 684.107+/-0.232 χ^2/NDF : 1318260.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 669.944+/-0.155 χ^2/NDF : 2915904.4/26

cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: -24.506+/-45.790 χ^2/NDF : 14.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

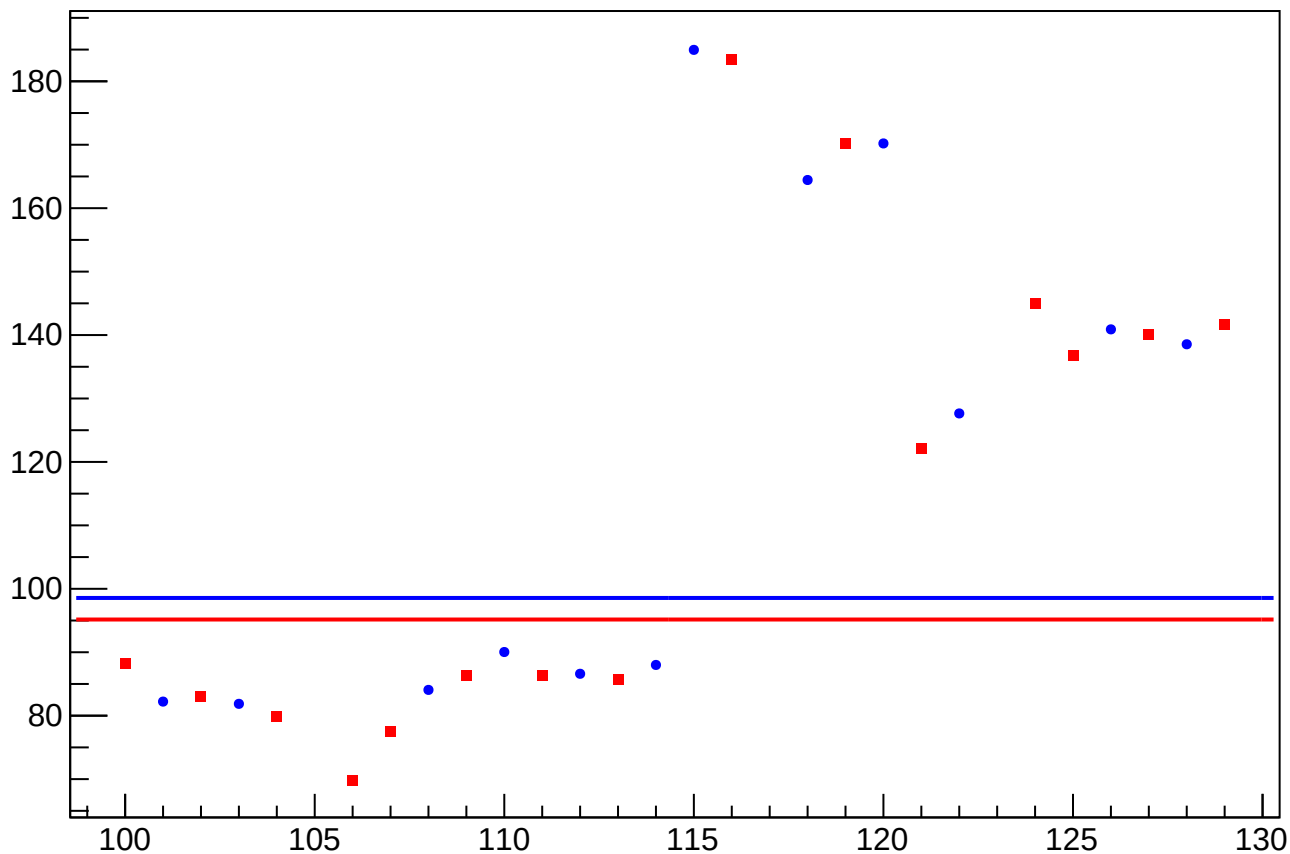
Right: 37.653+/-30.512 χ^2/NDF : 33.9/26

In: -24.506+/-45.790 χ^2/NDF : 14.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.653+/-30.512 χ^2/NDF : 33.9/26

cor_asym_sam5_rms vs Slug, Sign Corrected



Right In: 98.558+/-0.032 χ^2/NDF : 715078.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

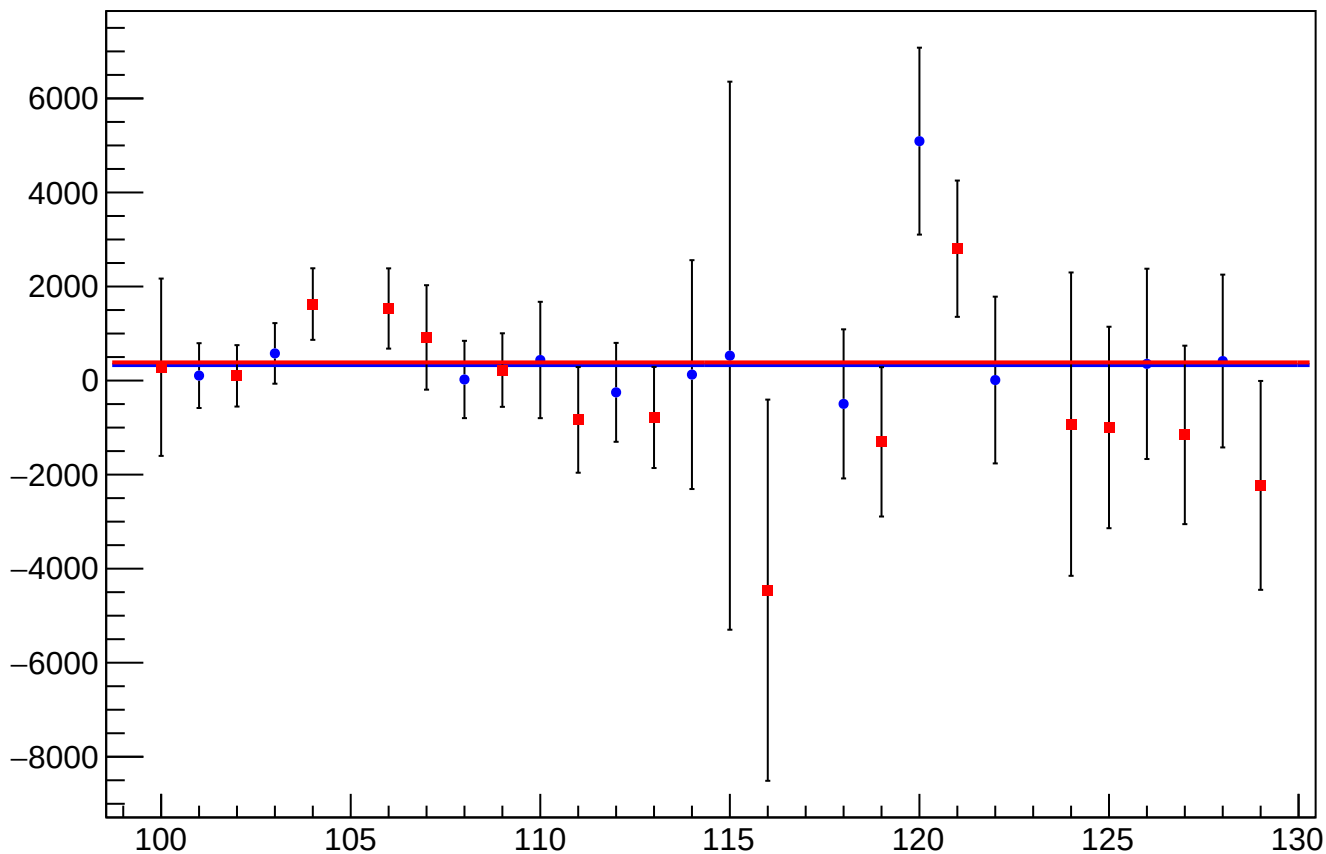
Right: 96.668+/-0.022 χ^2/NDF : 1586288.9/26

In: 98.558+/-0.032 χ^2/NDF : 715078.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.668+/-0.022 χ^2/NDF : 1586288.9/26

asym_sam5_cor_correction_mean vs Slug, Sign Corrected



Right In: 329.375+/-328.632 χ^2/NDF : 6.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

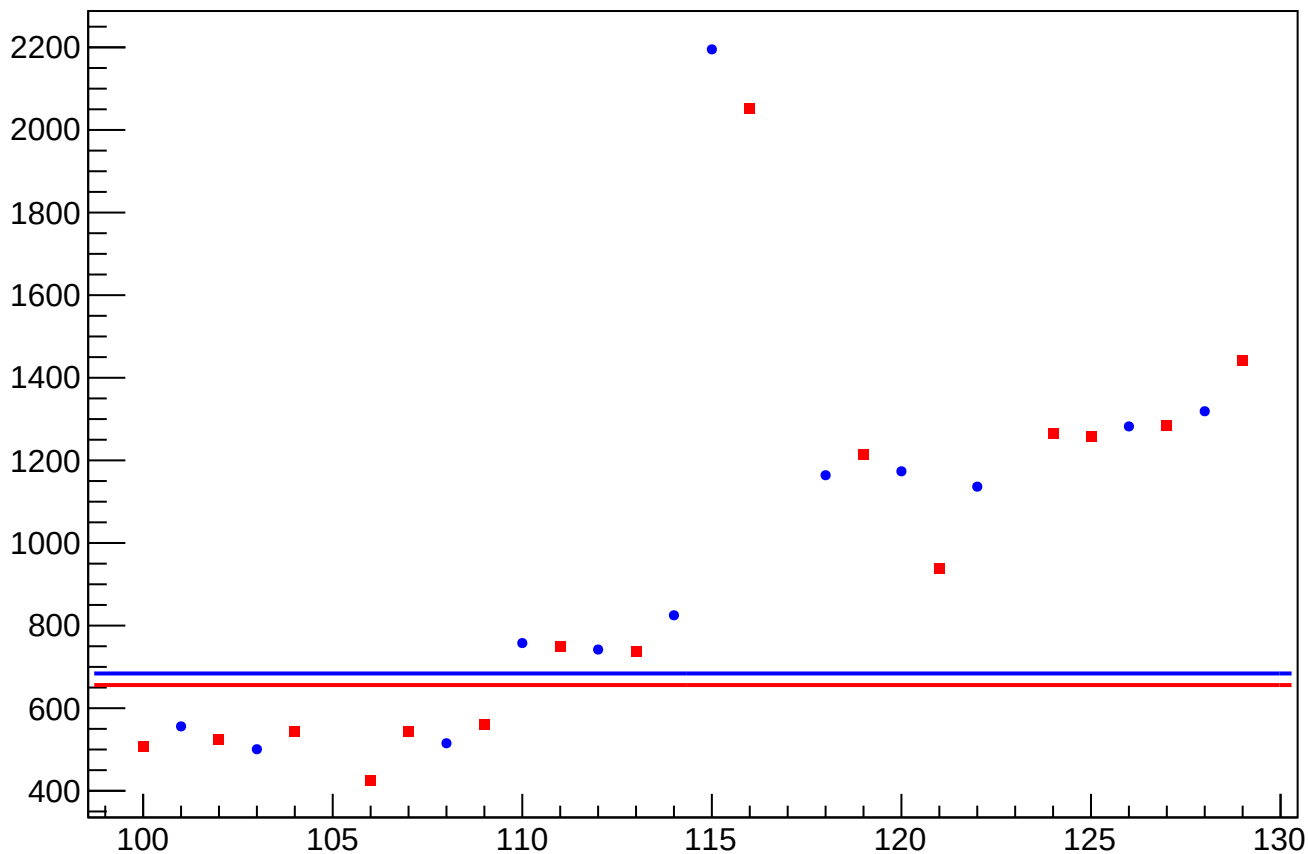
Right: 360.932+/-219.185 χ^2/NDF : 22.0/26

In: 329.375+/-328.632 χ^2/NDF : 6.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 360.932+/-219.185 χ^2/NDF : 22.0/26

asym_sam5_cor_correction_rms vs Slug, Sign Corrected



Right In: 684.106+/-0.232 χ^2/NDF : 1318260.6/11

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

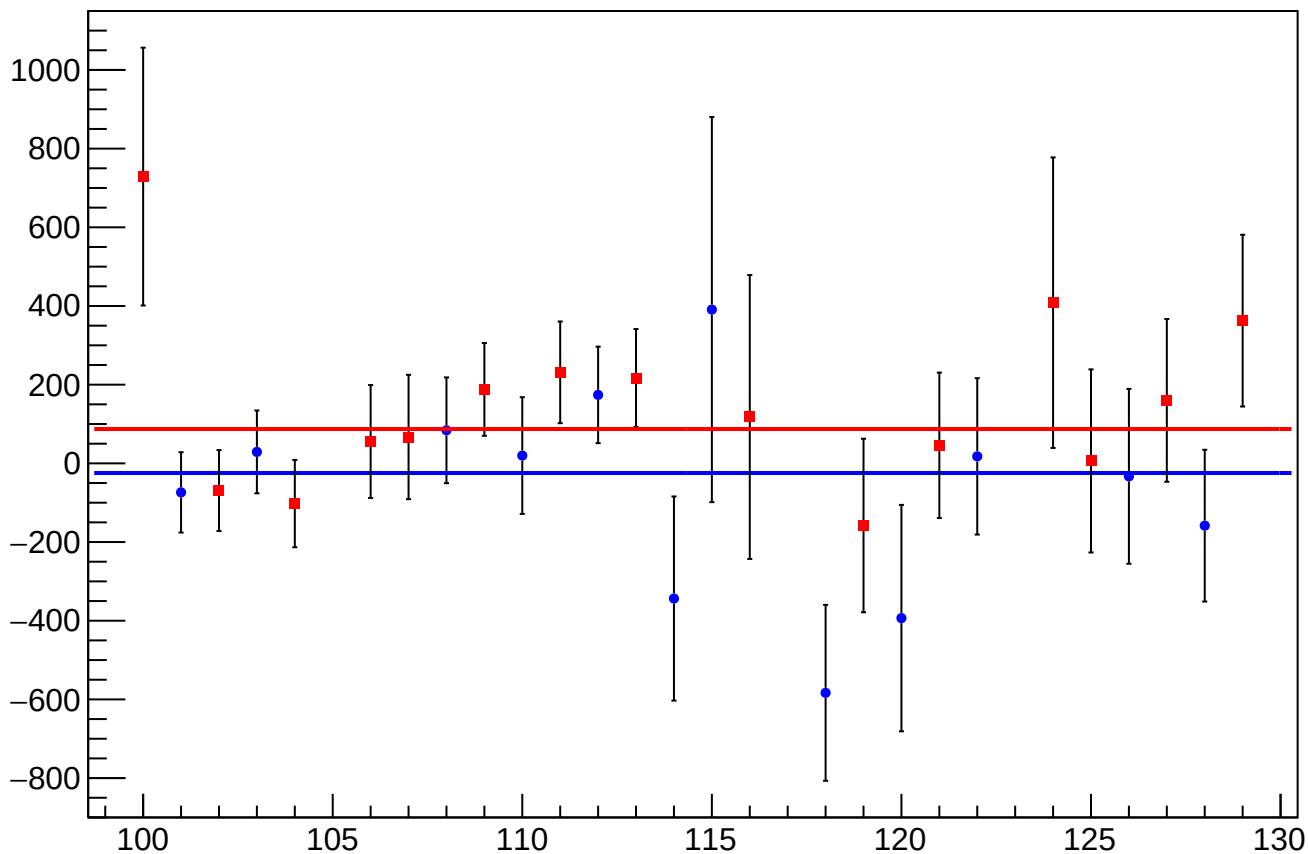
Right: 668.527+/-0.155 χ^2/NDF : 2945272.6/26

In: 684.106+/-0.232 χ^2/NDF : 1318260.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 668.527+/-0.155 χ^2/NDF : 2945272.6/26

eigen_cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: -24.506+/-45.790 χ^2/NDF : 14.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

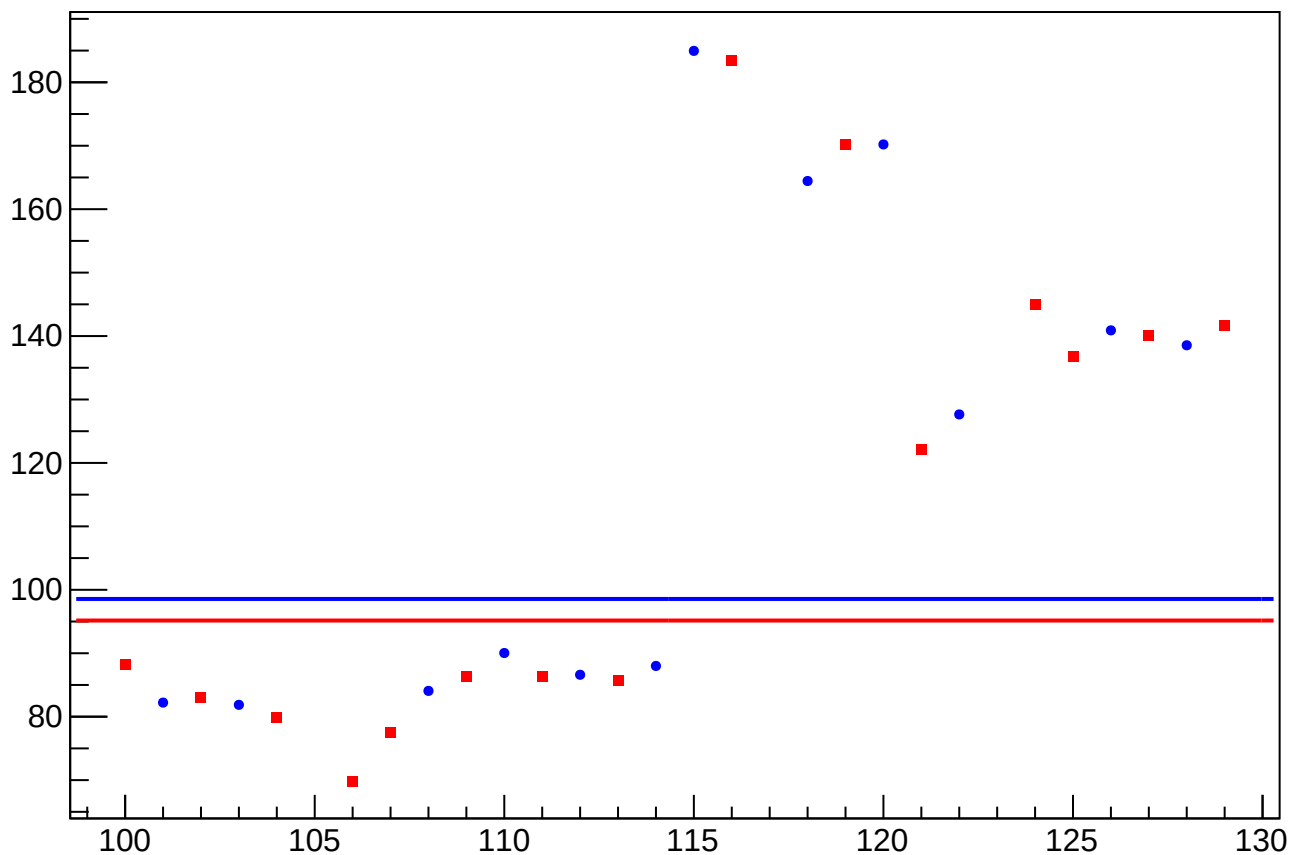
Right: 37.653+/-30.512 χ^2/NDF : 33.9/26

In: -24.506+/-45.790 χ^2/NDF : 14.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.653+/-30.512 χ^2/NDF : 33.9/26

eigen_cor_asym_sam5_rms vs Slug, Sign Corrected



Right In: 98.558+/-0.032 χ^2/NDF : 715078.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

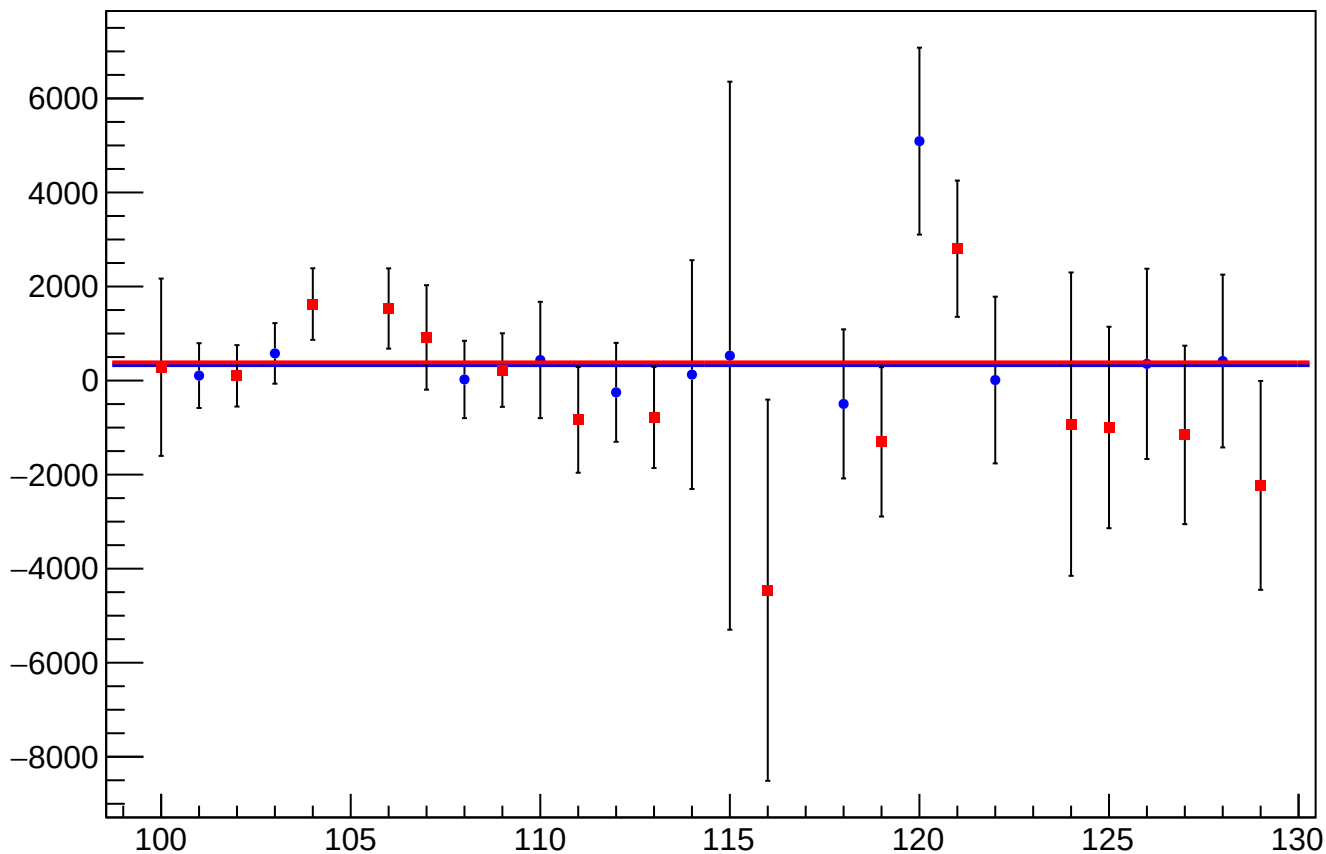
Right: 96.668+/-0.022 χ^2/NDF : 1586288.9/26

In: 98.558+/-0.032 χ^2/NDF : 715078.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.668+/-0.022 χ^2/NDF : 1586288.9/26

asym_sam5_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 329.375+/-328.632 χ^2/NDF : 6.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

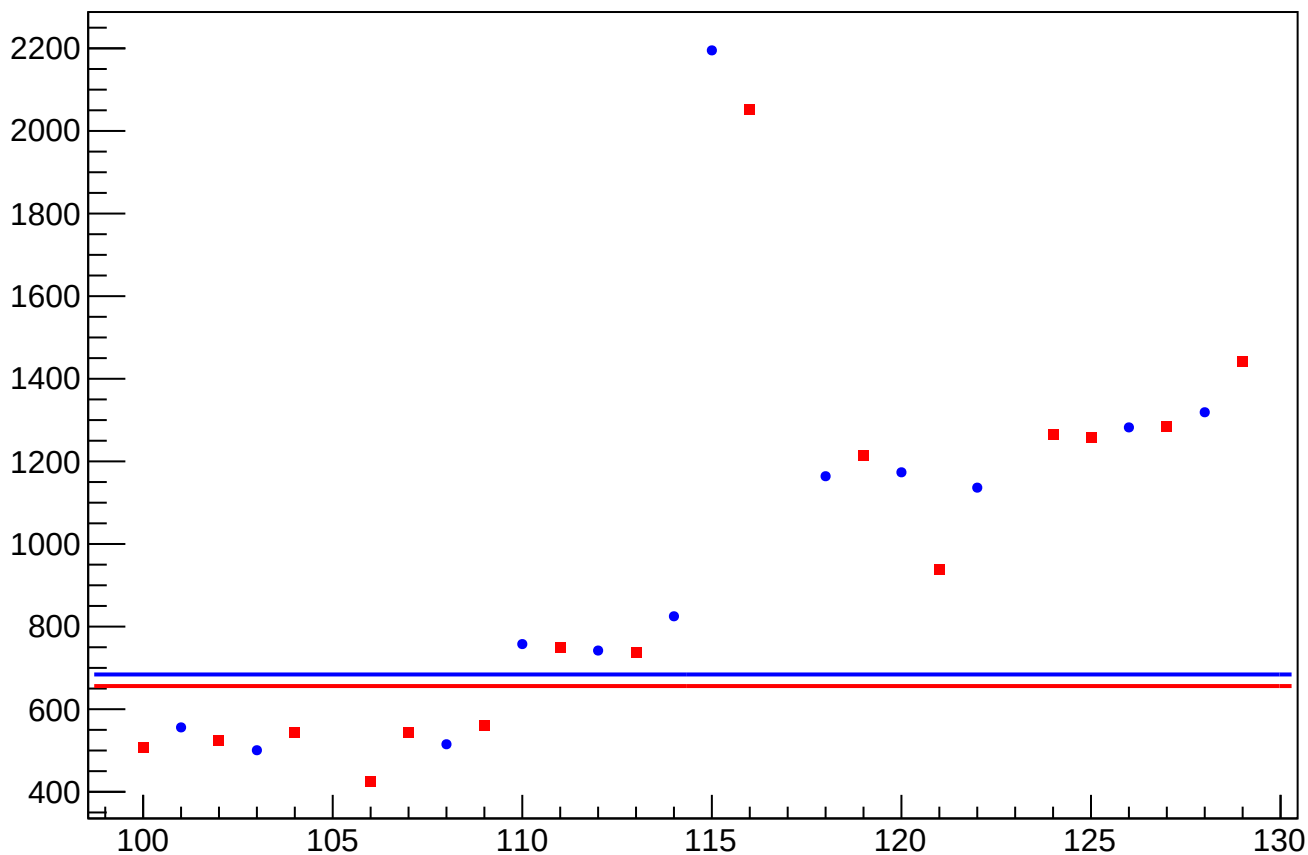
Right: 360.932+/-219.185 χ^2/NDF : 22.0/26

In: 329.375+/-328.632 χ^2/NDF : 6.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 360.932+/-219.185 χ^2/NDF : 22.0/26

asym_sam5_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 684.106+/-0.232 χ^2/NDF : 1318260.6/11

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

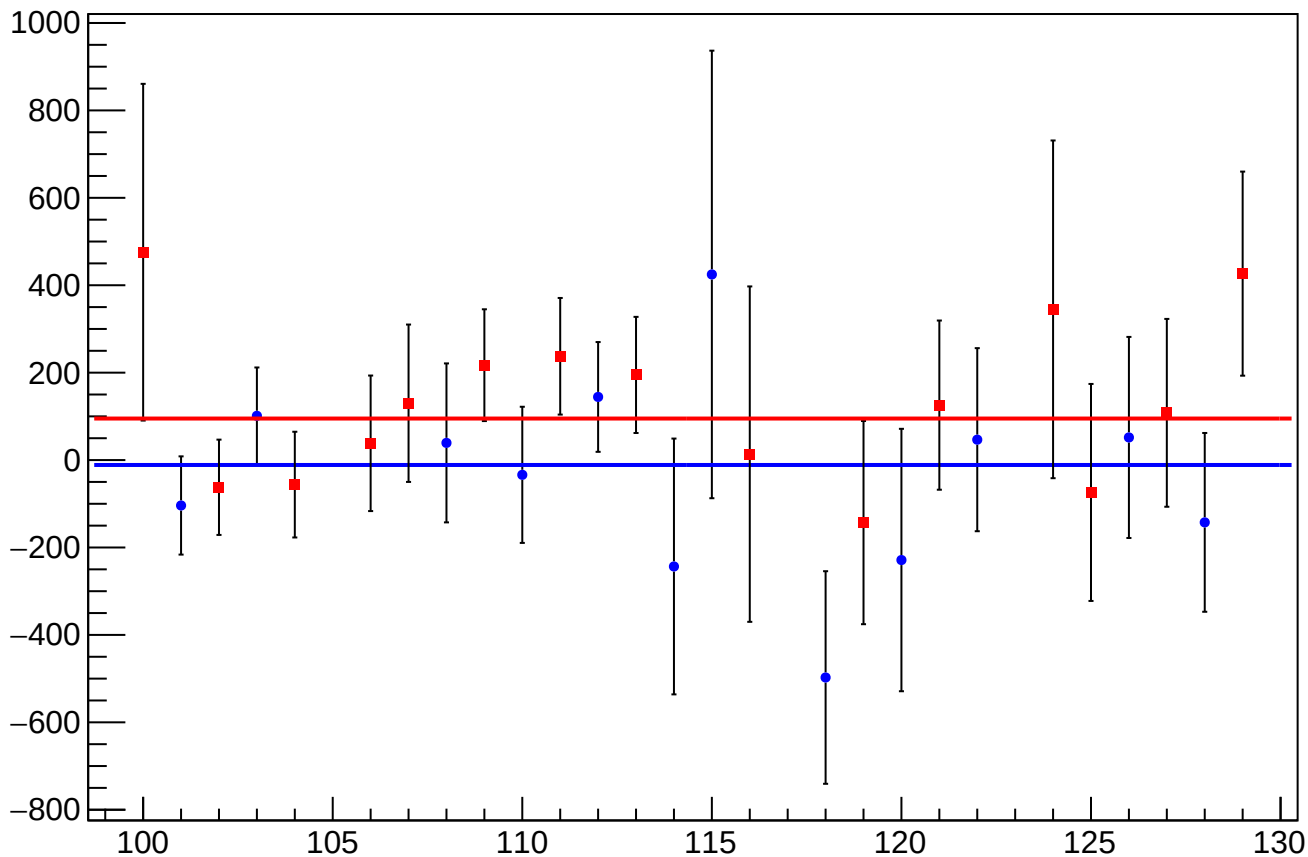
Right: 668.527+/-0.155 χ^2/NDF : 2945272.6/26

In: 684.106+/-0.232 χ^2/NDF : 1318260.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 668.527+/-0.155 χ^2/NDF : 2945272.6/26

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: -11.203 ± 49.698 χ^2/NDF : 9.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 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

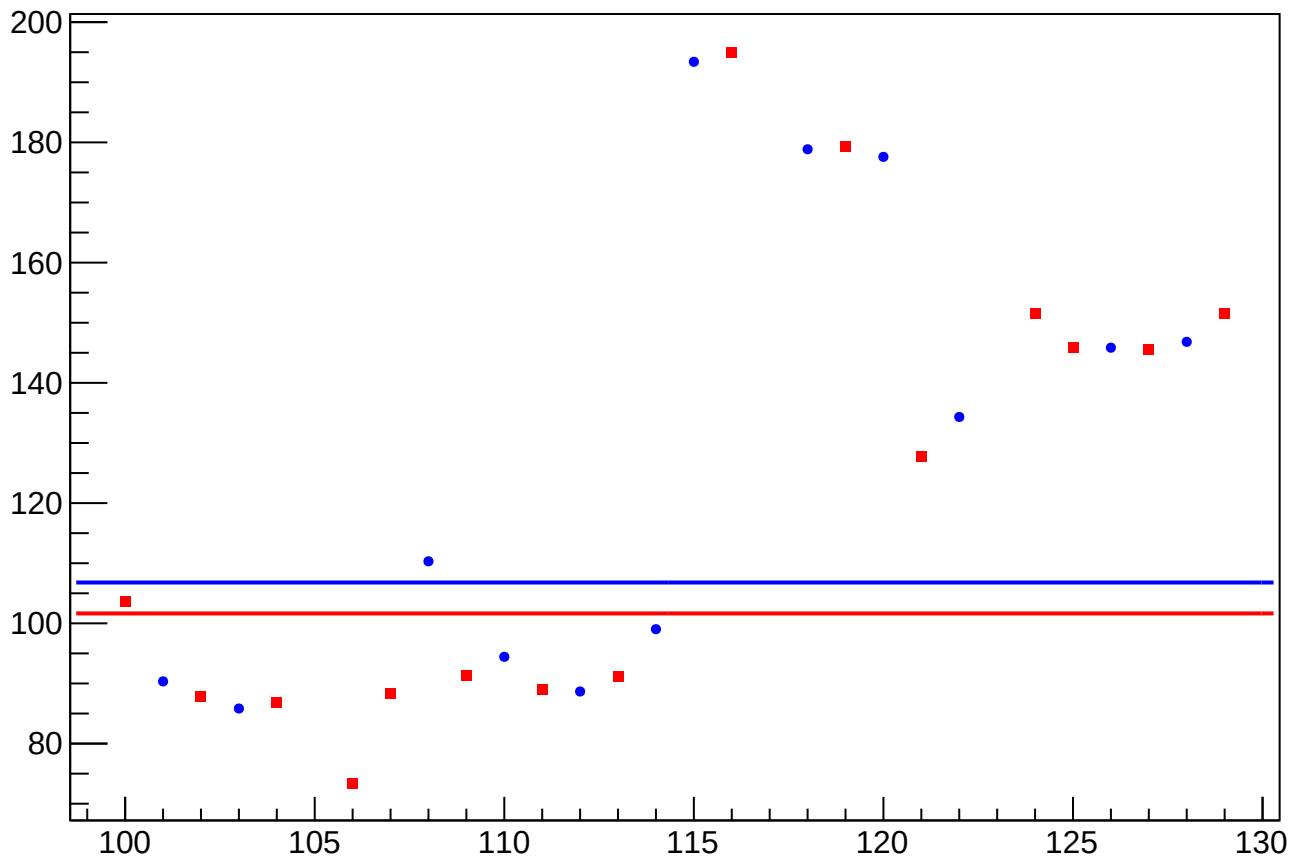
Right: 48.555 ± 32.871 χ^2/NDF : 23.8/26

In: -11.203 ± 49.698 χ^2/NDF : 9.8/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 48.555 ± 32.871 χ^2/NDF : 23.8/26

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 106.792 $\pm$ 0.035 χ^2 /NDF: 684002.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 101.650 $\pm$ 0.031 χ^2 /NDF: 832284.7/14

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

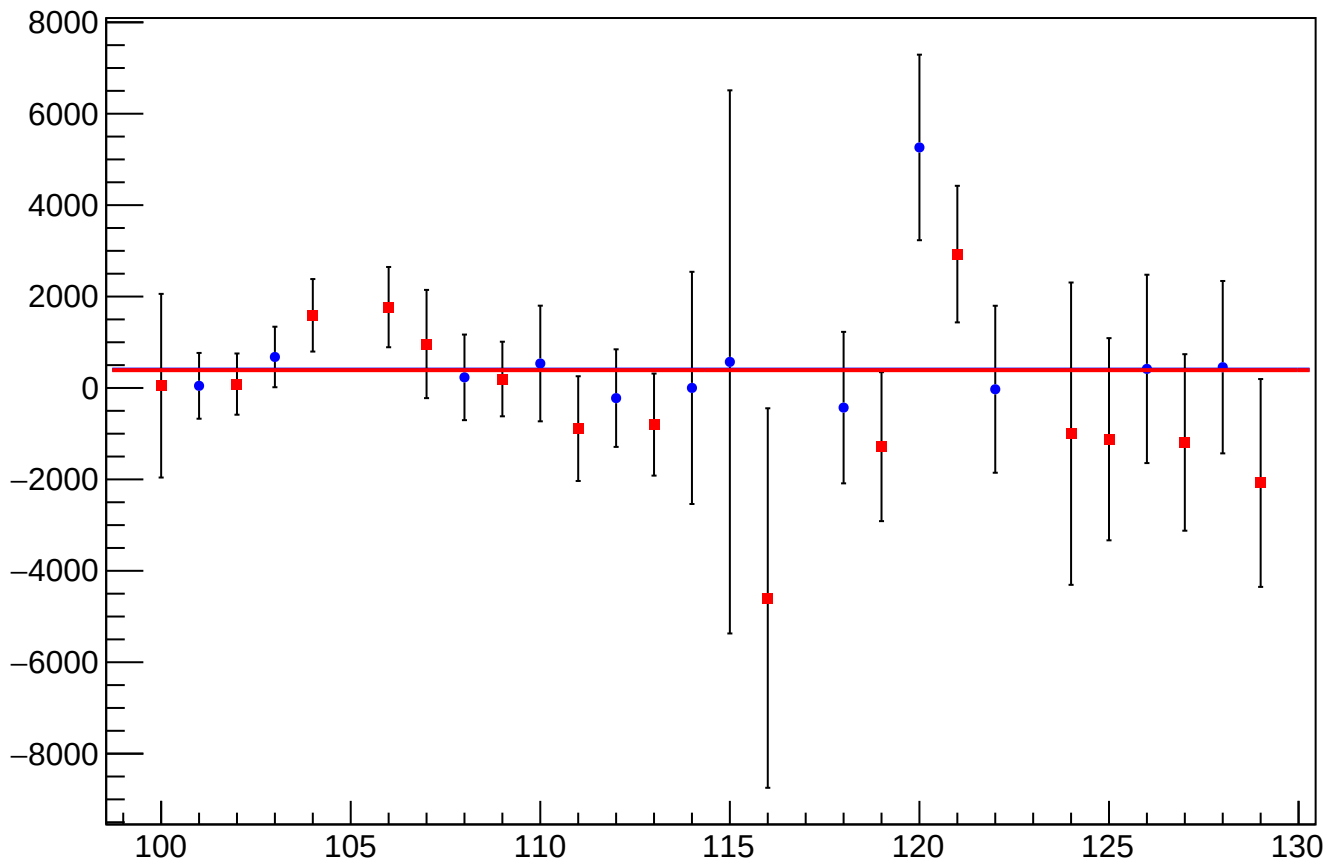
Right: 103.899 $\pm$ 0.023 χ^2 /NDF: 1528330.1/26

In: 106.792 $\pm$ 0.035 χ^2 /NDF:684002.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 103.899 $\pm$ 0.023 χ^2 /NDF: 1528330.1/26

asym_sam5_dit_correction_mean vs Slug, Sign Corrected



Right In: 401.622+/-343.730 χ^2/NDF : 6.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

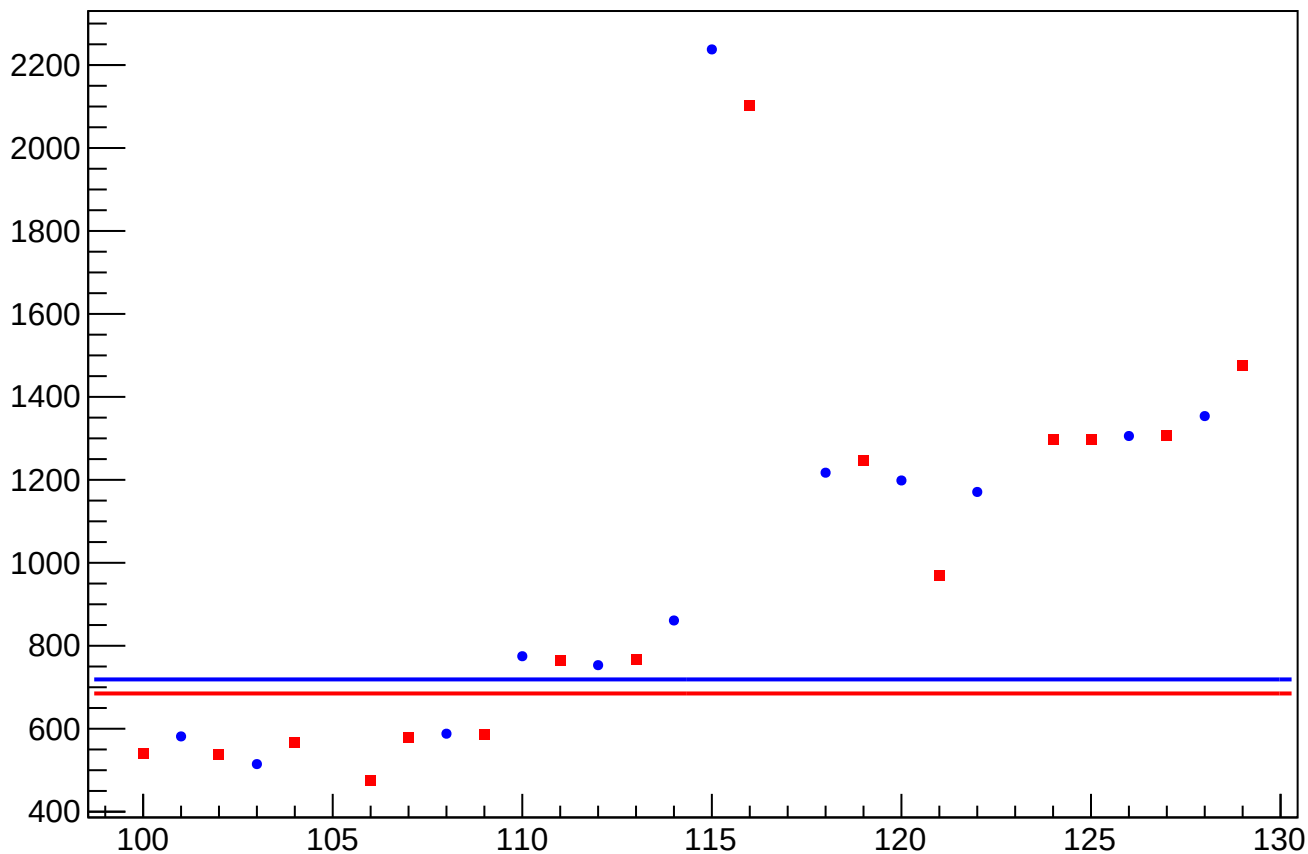
Right: 394.968+/-227.931 χ^2/NDF : 22.4/26

In: 401.622+/-343.730 χ^2/NDF :6.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 394.968+/-227.931 χ^2/NDF : 22.4/26

asym_sam5_dit_correction_rms vs Slug, Sign Corrected



Right In: 718.872+/-0.243 χ^2/NDF : 1249107.3/11

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

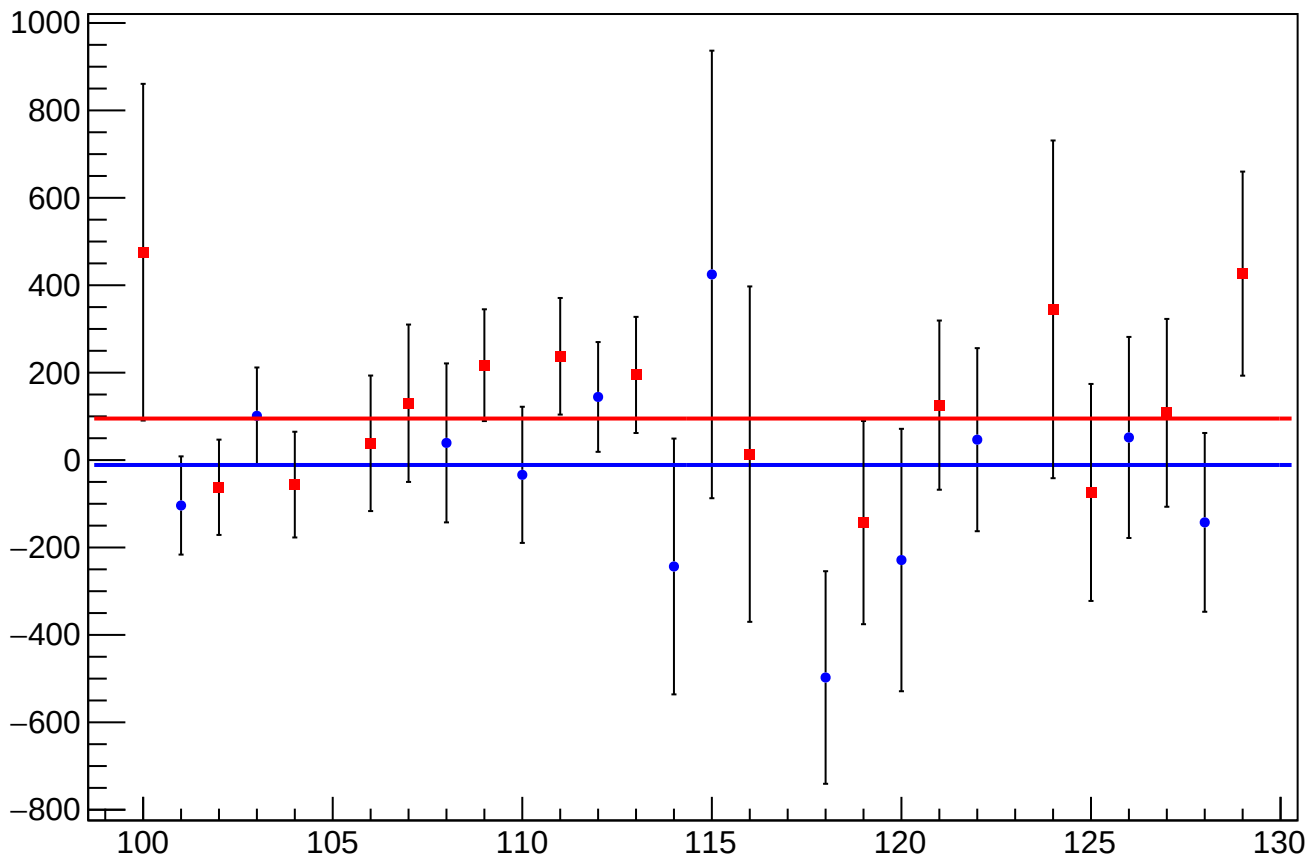
Right: 699.900+/-0.161 χ^2/NDF : 2806315.6/26

In: 718.872+/-0.243 χ^2/NDF : 1249107.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 699.900+/-0.161 χ^2/NDF : 2806315.6/26

eigen_dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: -11.205+/-49.698 χ^2/NDF : 9.8/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

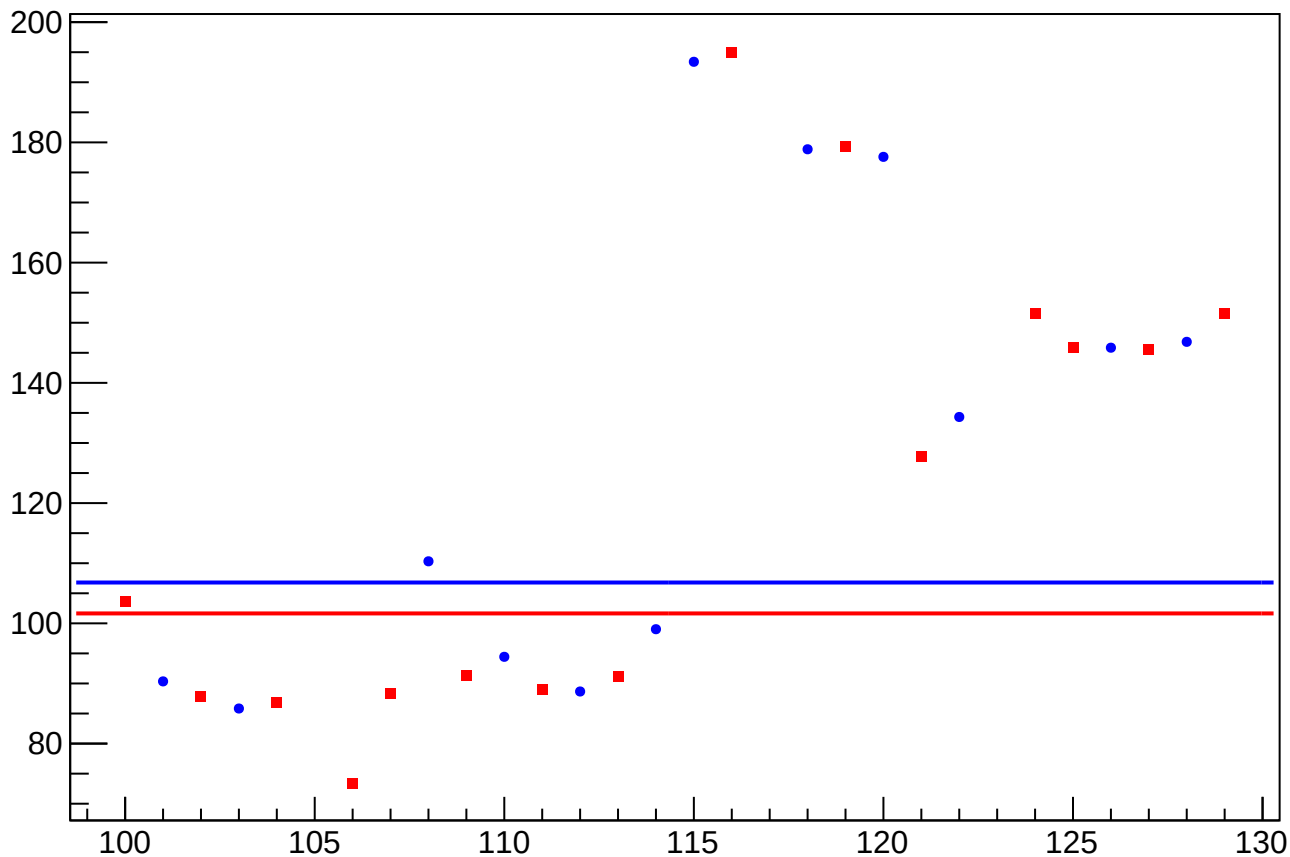
Right: 48.555+/-32.871 χ^2/NDF : 23.8/26

In: -11.205+/-49.698 χ^2/NDF :9.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 48.555+/-32.871 χ^2/NDF : 23.8/26

eigen_dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 106.791+/-0.035 χ^2/NDF : 684000.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

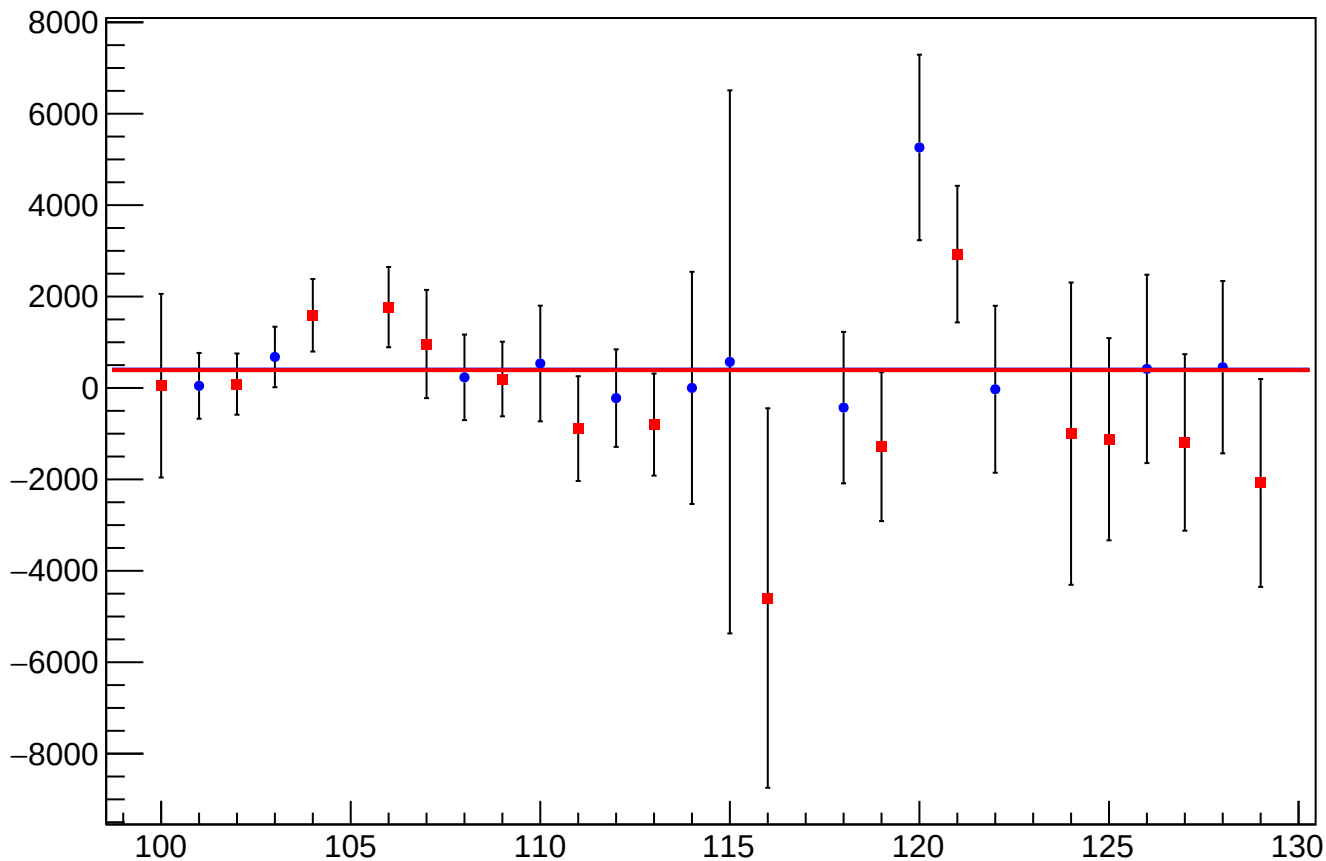
Right: 103.899+/-0.023 χ^2/NDF : 1528320.9/26

In: 106.791+/-0.035 χ^2/NDF : 684000.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.899+/-0.023 χ^2/NDF : 1528320.9/26

asym_sam5_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 401.621+/-343.730 χ^2/NDF : 6.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

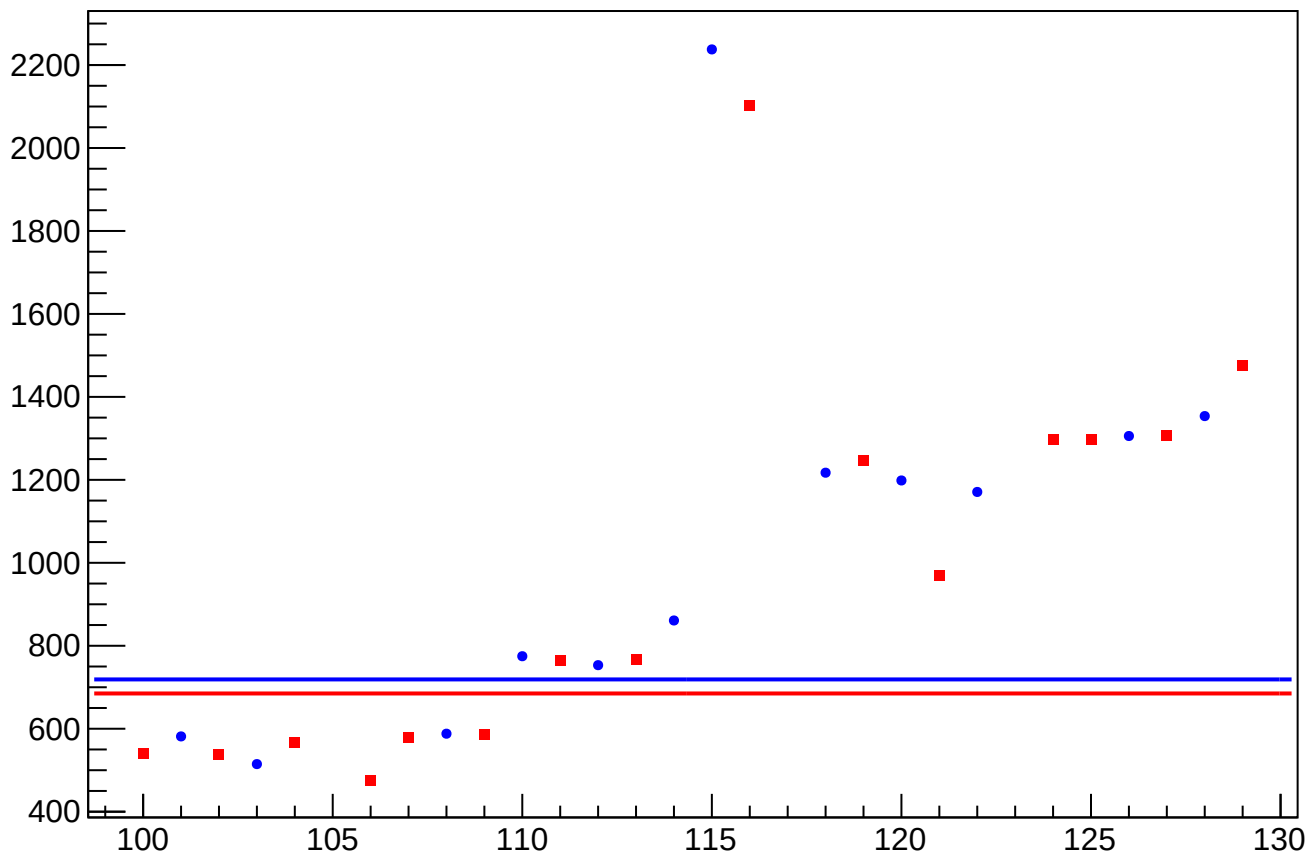
Right: 394.968+/-227.931 χ^2/NDF : 22.4/26

In: 401.621+/-343.730 χ^2/NDF :6.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 394.968+/-227.931 χ^2/NDF : 22.4/26

asym_sam5_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 718.871+/-0.243 χ^2/NDF : 1249105.4/11

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

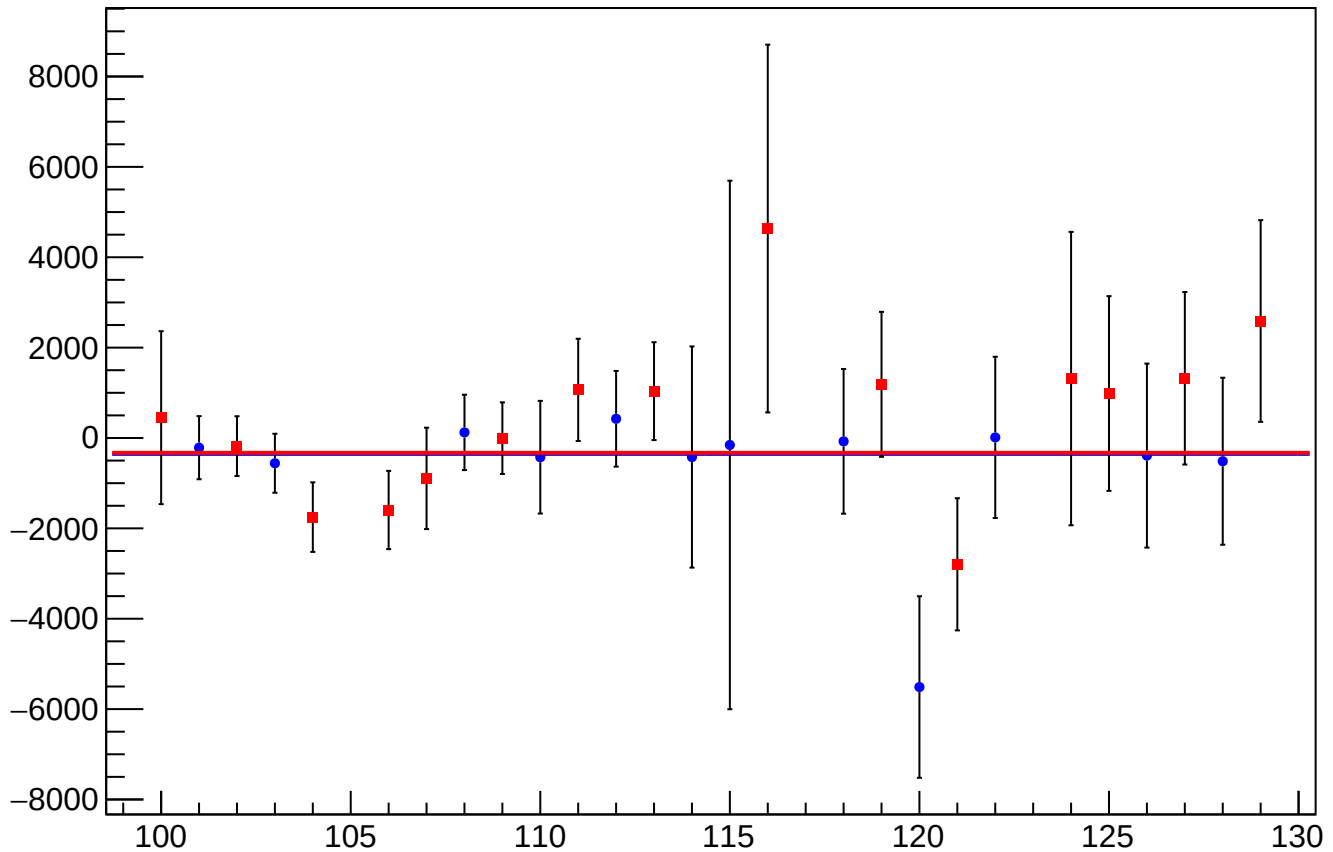
Right: 699.899+/-0.161 χ^2/NDF : 2806308.8/26

In: 718.871+/-0.243 χ^2/NDF : 1249105.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 699.899+/-0.161 χ^2/NDF : 2806308.8/26

asym_sam5_mean vs Slug, Sign Corrected



Right In: -351.125+/-332.374 χ^2/NDF : 7.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

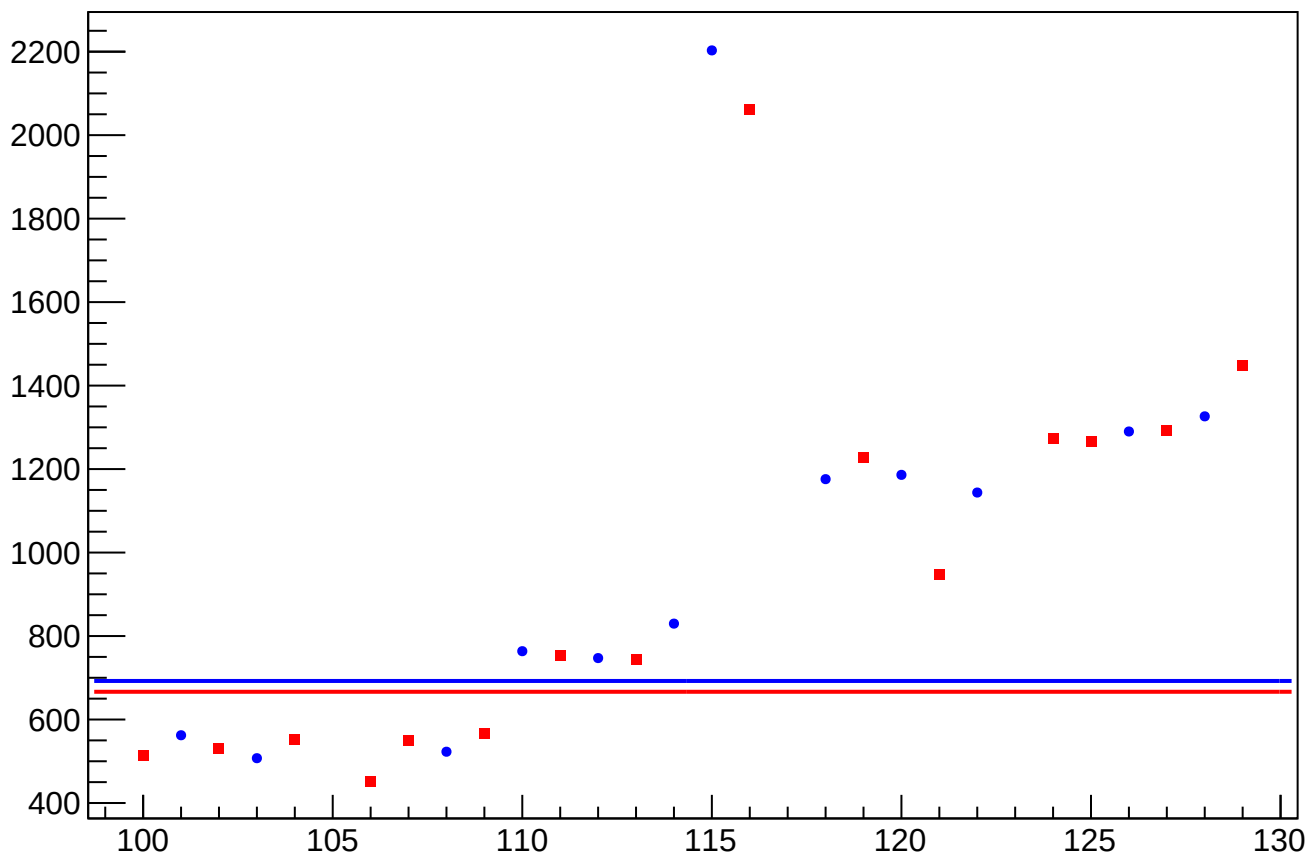
Right: -338.562+/-221.652 χ^2/NDF : 25.3/26

In: -351.125+/-332.374 χ^2/NDF : 7.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -338.562+/-221.652 χ^2/NDF : 25.3/26

asym_sam5_rms vs Slug, Sign Corrected



Right In: 692.378+/-0.235 χ^2/NDF : 1303270.0/11

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

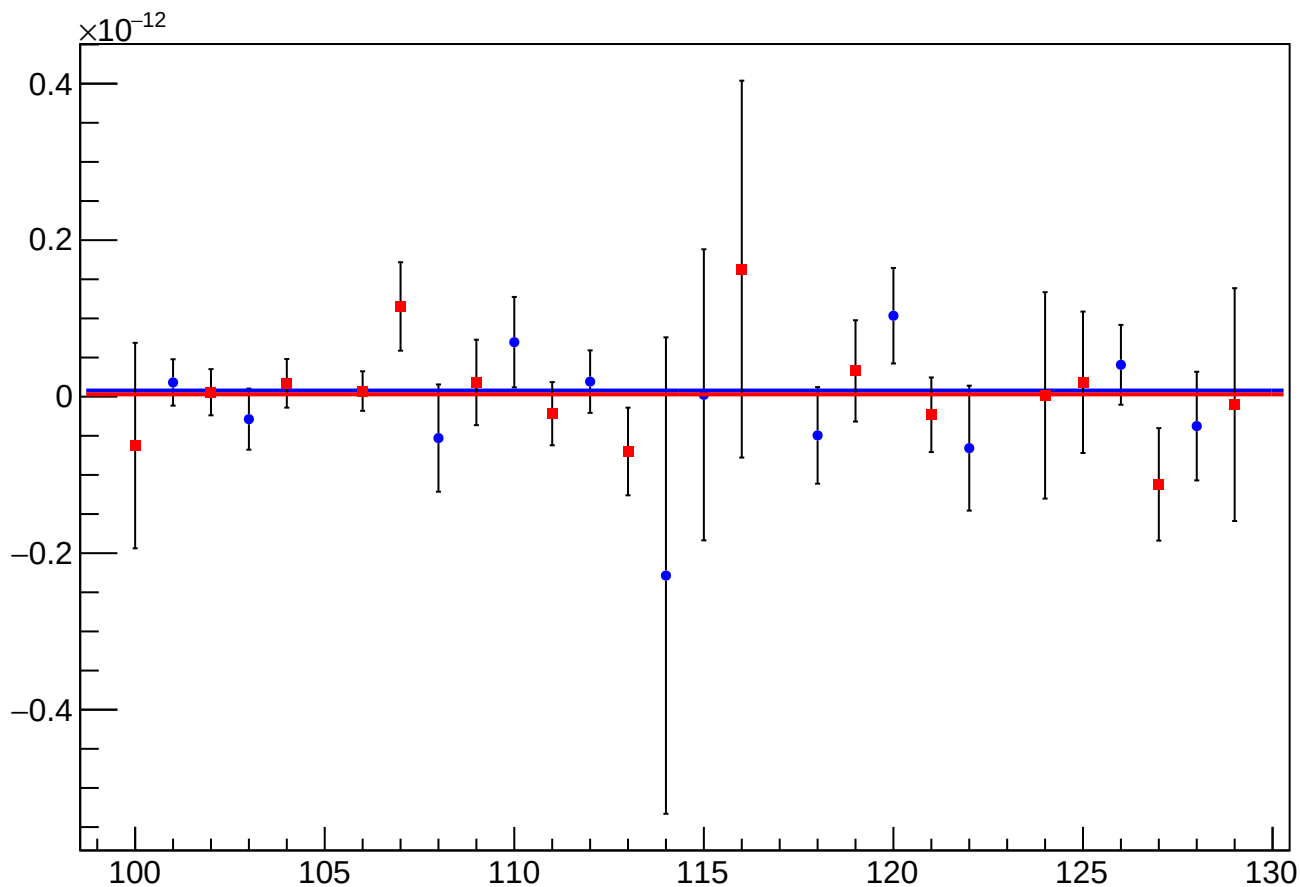
Right: 677.997+/-0.157 χ^2/NDF : 2887490.4/26

In: 692.378+/-0.235 χ^2/NDF : 1303270.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 677.997+/-0.157 χ^2/NDF : 2887490.4/26

asym_sam5_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

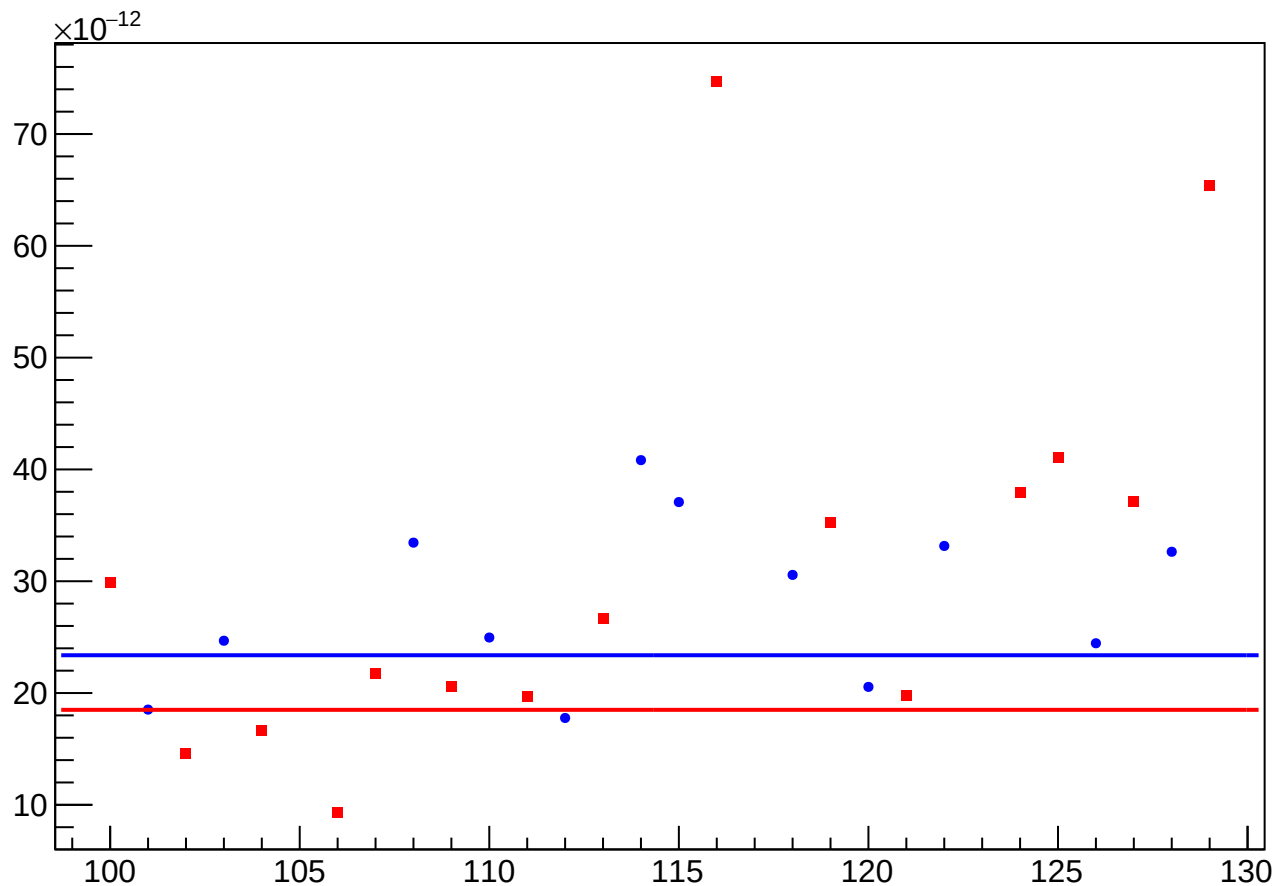
Right: 0.000+/-0.000 χ^2/NDF : 18.8/26

In: 0.000+/-0.000 χ^2/NDF : 8.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.8/26

asym_sam5_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 255485.1/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

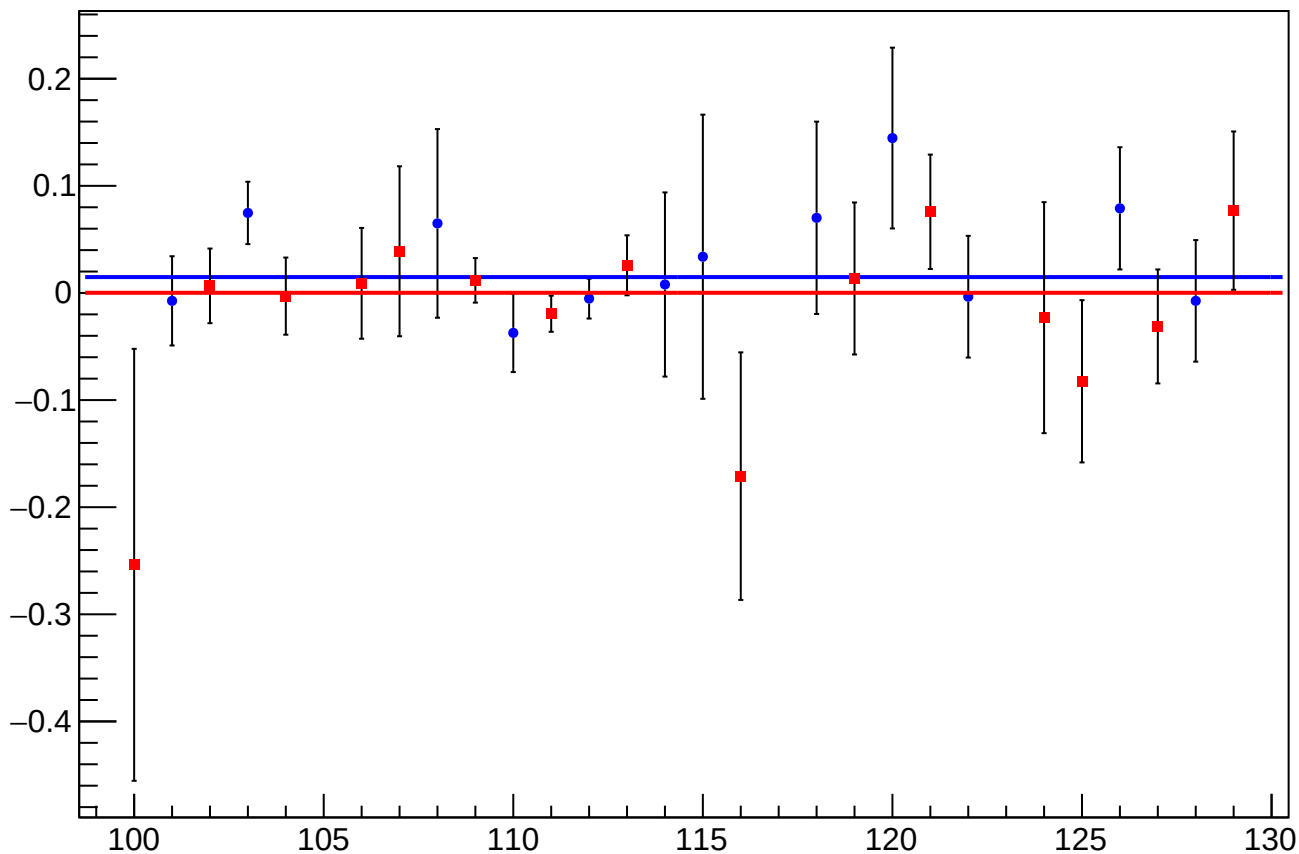
Right: 0.000+/-0.000 χ^2/NDF : 1500629.5/26

In: 0.000+/-0.000 χ^2/NDF :255485.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1500629.5/26

asym_sam5_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.012 χ^2/NDF : 12.3/11

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

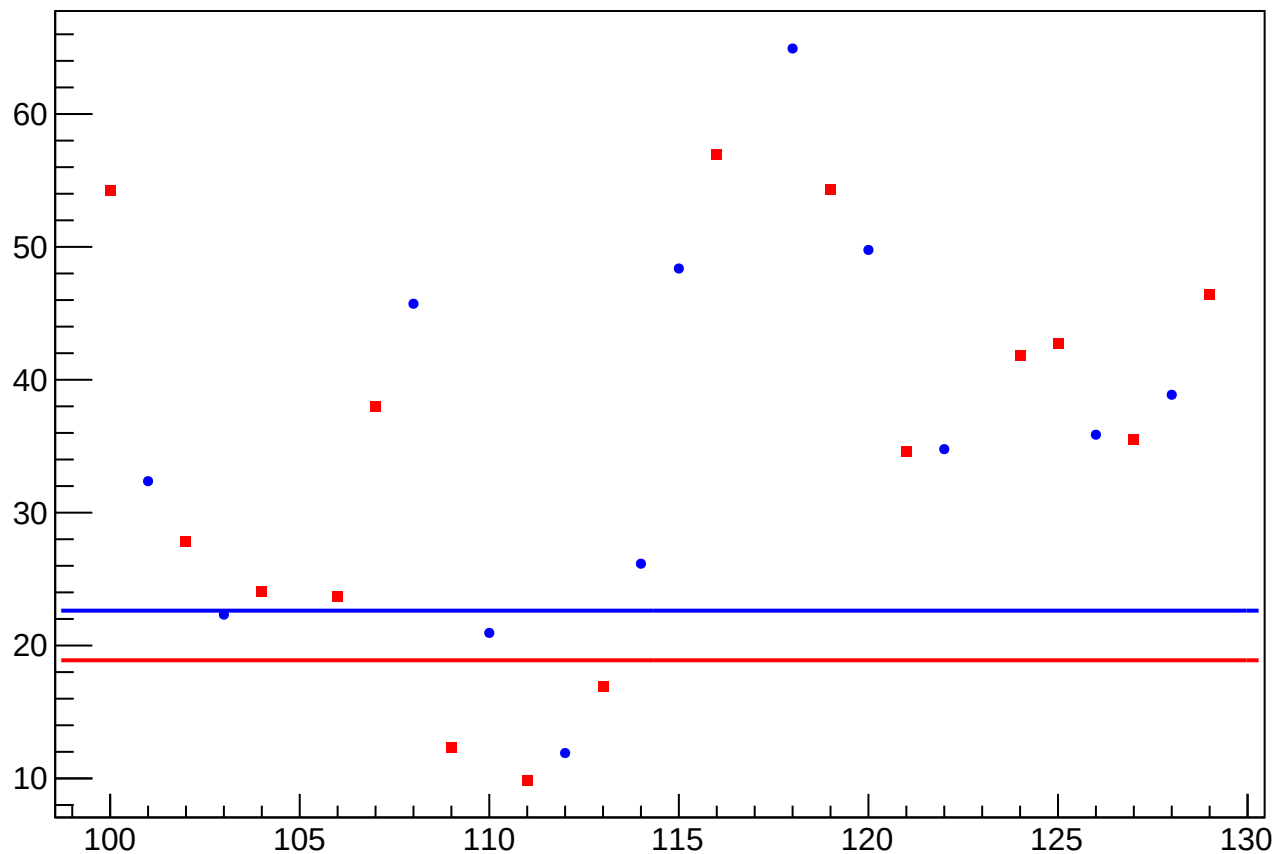
Right: 0.006+/-0.008 χ^2/NDF : 24.5/26

In: 0.015+/-0.012 χ^2/NDF : 12.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.008 χ^2/NDF : 24.5/26

asym_sam5_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.626+/-0.009 χ^2/NDF : 2005603.3/11

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

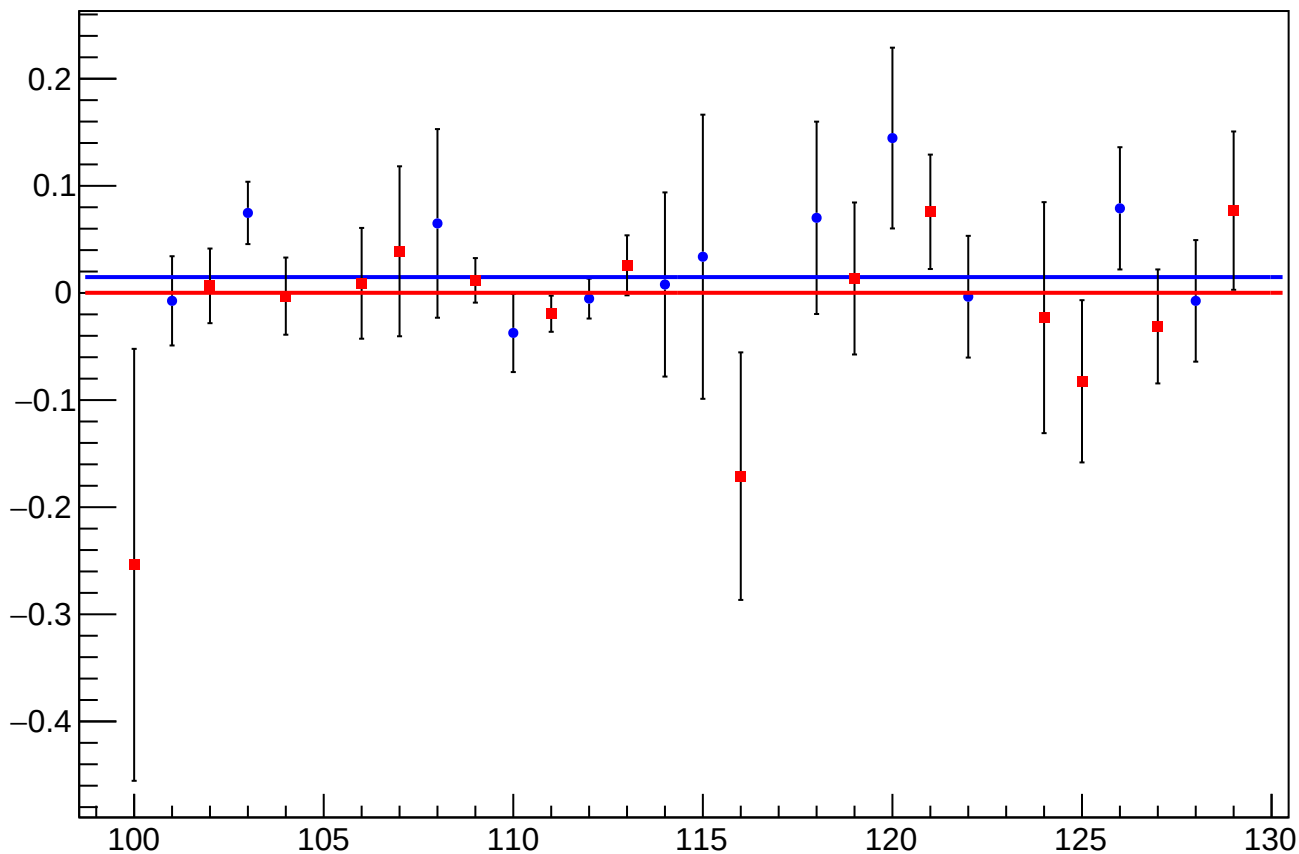
Right: 20.356+/-0.005 χ^2/NDF : 4926120.7/26

In: 22.626+/-0.009 χ^2/NDF :2005603.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20.356+/-0.005 χ^2/NDF : 4926120.7/26

asym_sam5_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.012 χ^2 /NDF: 12.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 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

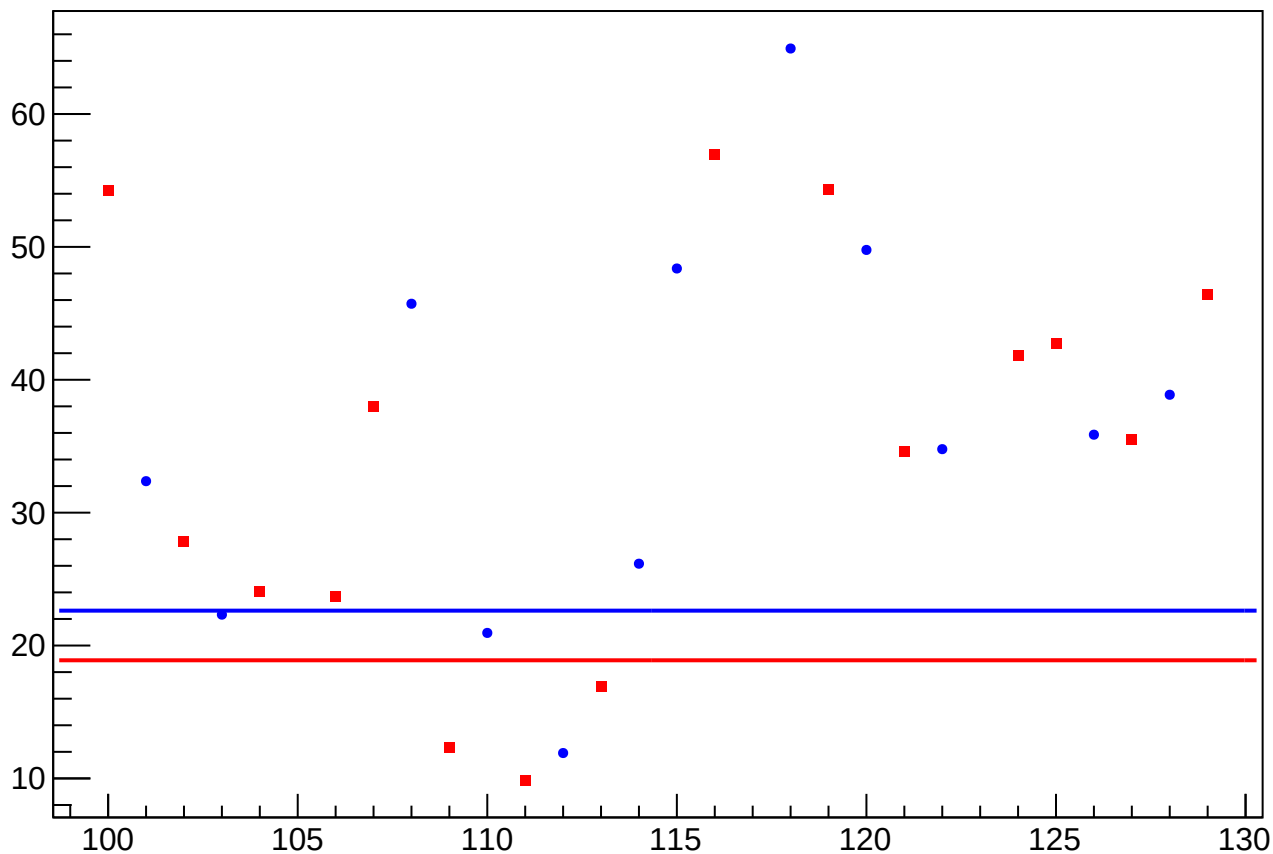
Right: 0.006 $\pm$ 0.008 χ^2 /NDF: 24.5/26

In: 0.015 $\pm$ 0.012 χ^2 /NDF:12.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.006 $\pm$ 0.008 χ^2 /NDF: 24.5/26

asym_sam5_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.626+/-0.009 χ^2/NDF : 2005603.3/11

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

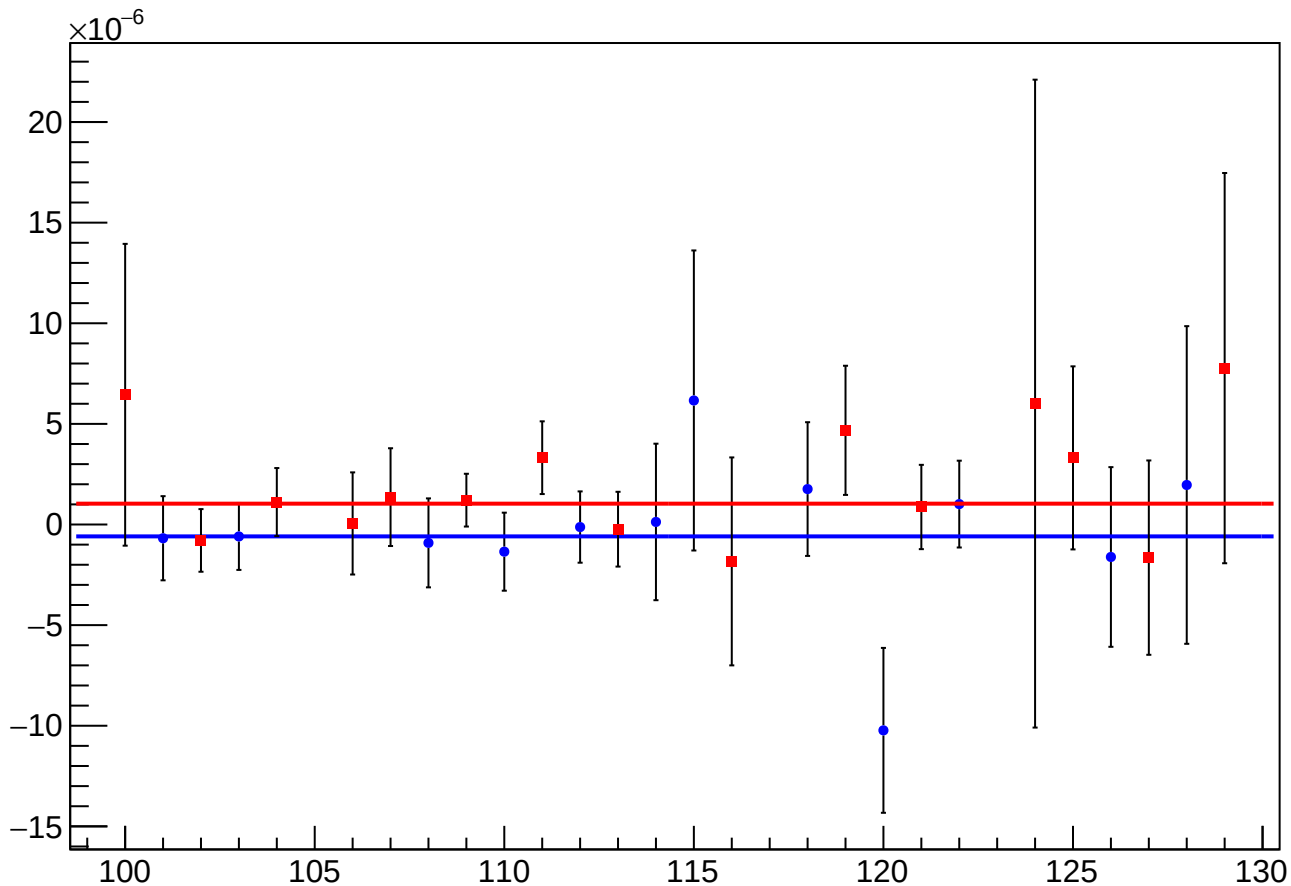
Right: 20.356+/-0.005 χ^2/NDF : 4926120.7/26

In: 22.626+/-0.009 χ^2/NDF :2005603.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20.356+/-0.005 χ^2/NDF : 4926120.7/26

asym_sam5_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

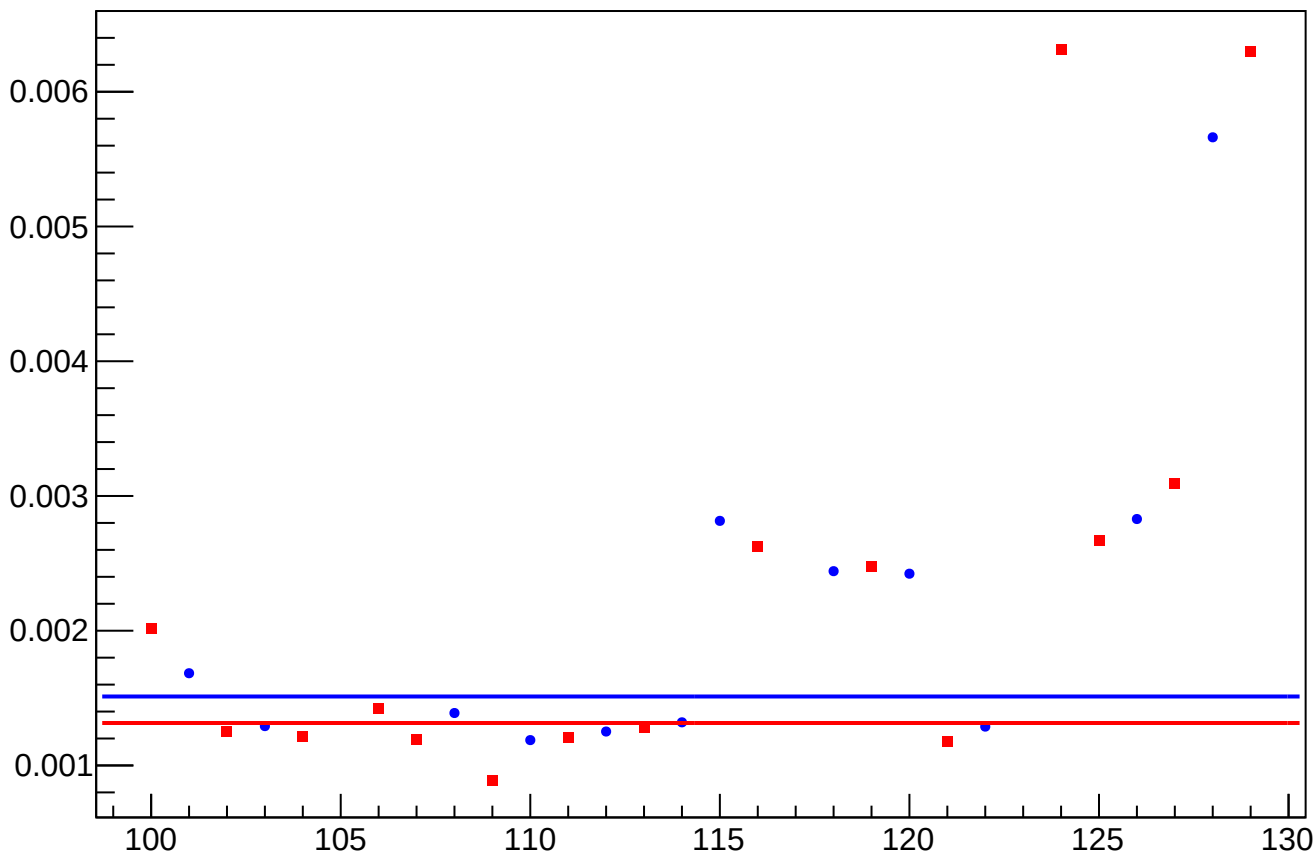
Right: 0.000+/-0.000 χ^2/NDF : 17.7/26

In: -0.000+/-0.000 χ^2/NDF : 7.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.7/26

asym_sam5_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1223824.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 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

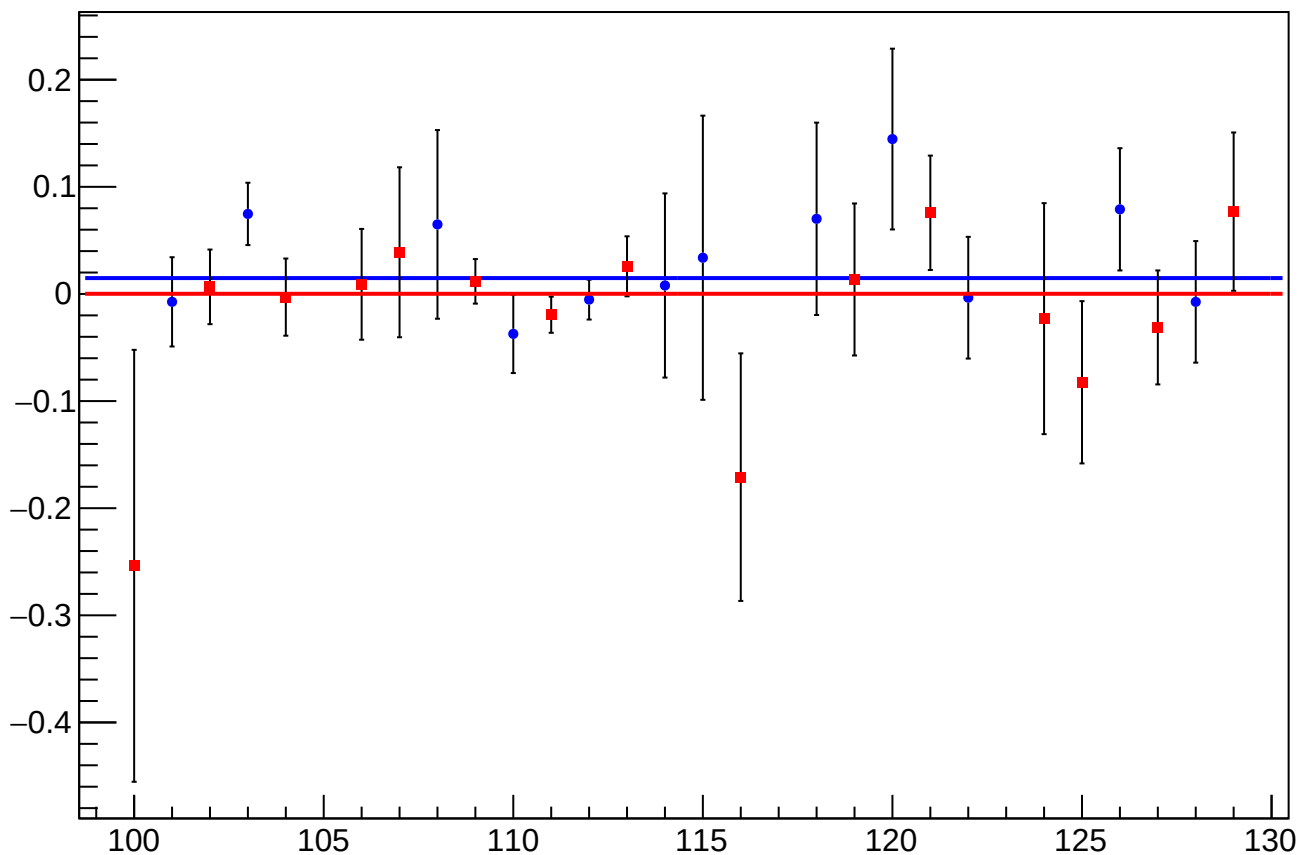
Right: 0.001+/-0.000 χ^2/NDF : 3137691.3/26

In: 0.002+/-0.000 χ^2/NDF :1223824.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3137691.3/26

asym_sam5_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.012 χ^2/NDF : 12.3/11

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

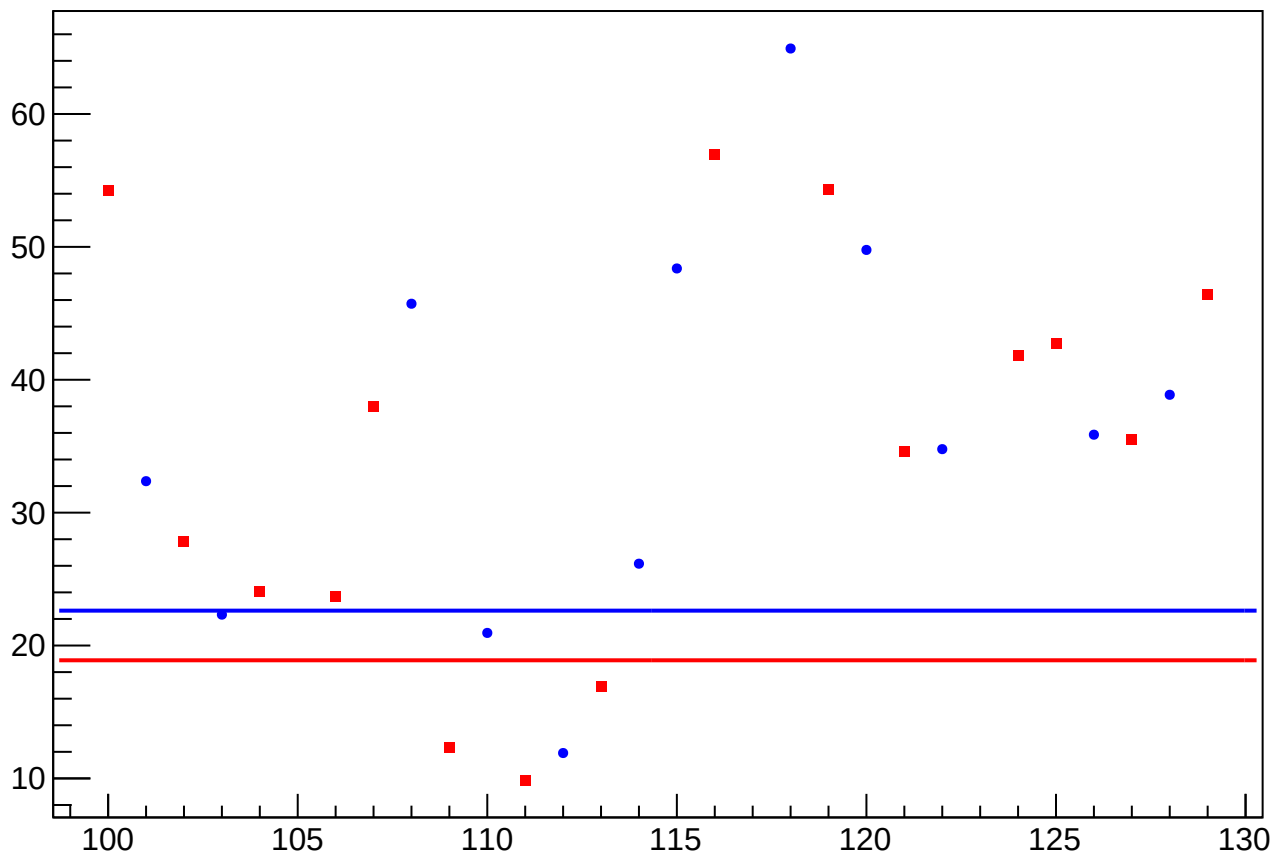
Right: 0.006+/-0.008 χ^2/NDF : 24.5/26

In: 0.015+/-0.012 χ^2/NDF : 12.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.008 χ^2/NDF : 24.5/26

asym_sam5_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.626 $\pm$ 0.009 χ^2 /NDF: 2005564.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 18.889 $\pm$ 0.007 χ^2 /NDF: 2803506.9/14

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

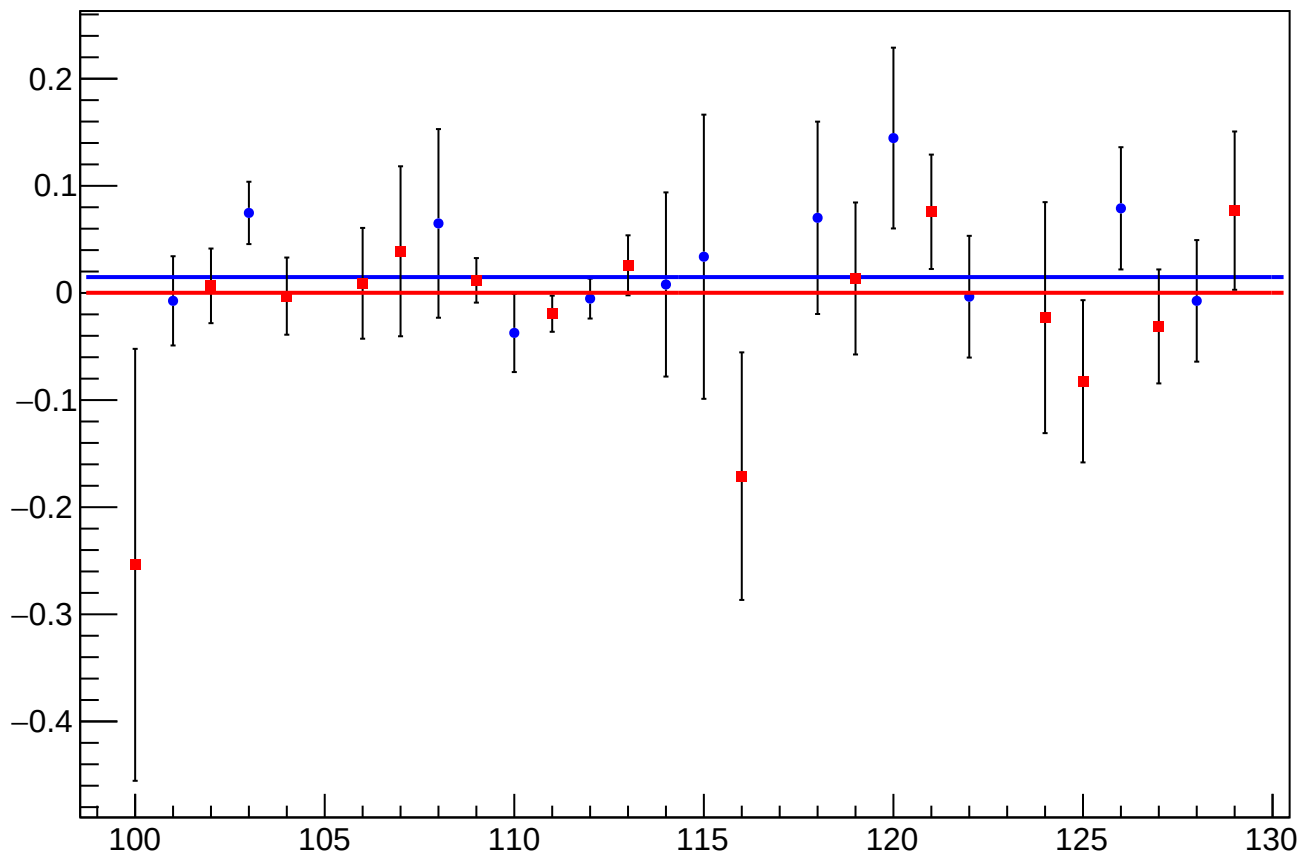
Right: 20.356 $\pm$ 0.005 χ^2 /NDF: 4926091.4/26

In: 22.626 $\pm$ 0.009 χ^2 /NDF:2005564.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 20.356 $\pm$ 0.005 χ^2 /NDF: 4926091.4/26

asym_sam5_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.012 χ^2/NDF : 12.3/11

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

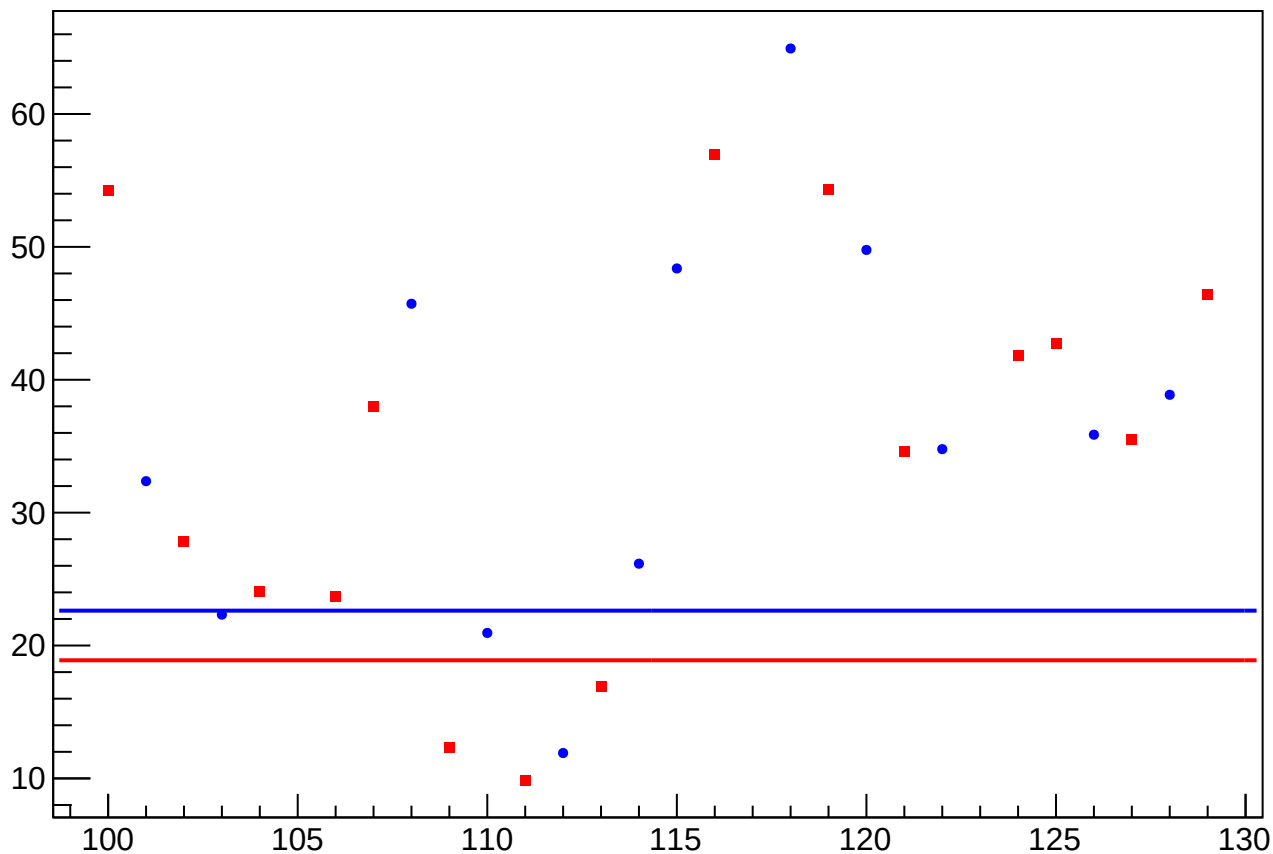
Right: 0.006+/-0.008 χ^2/NDF : 24.5/26

In: 0.015+/-0.012 χ^2/NDF : 12.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.008 χ^2/NDF : 24.5/26

asym_sam5_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.626+/-0.009 χ^2/NDF : 2005564.4/11

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

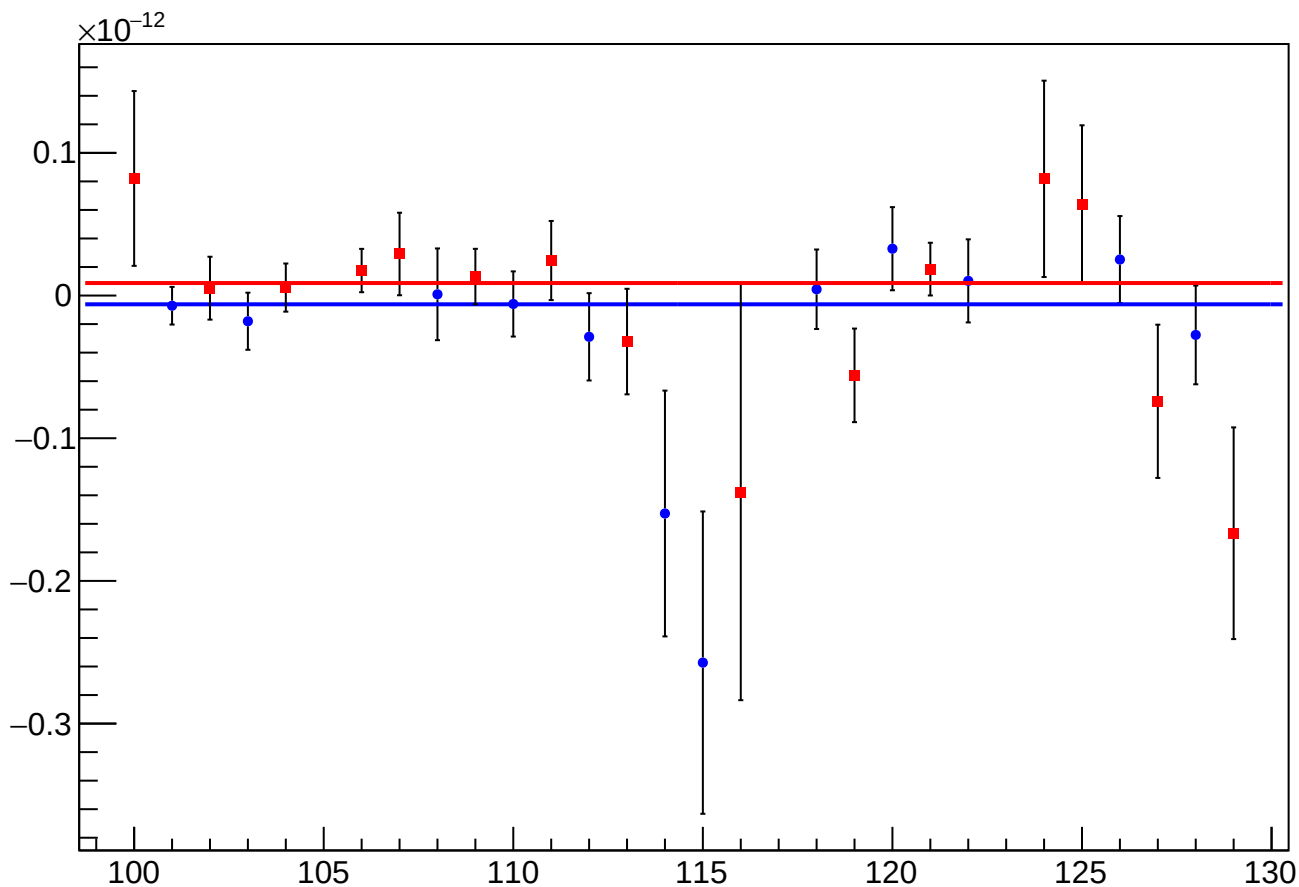
Right: 20.356+/-0.005 χ^2/NDF : 4926091.4/26

In: 22.626+/-0.009 χ^2/NDF : 2005564.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.356+/-0.005 χ^2/NDF : 4926091.4/26

asym_sam5_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

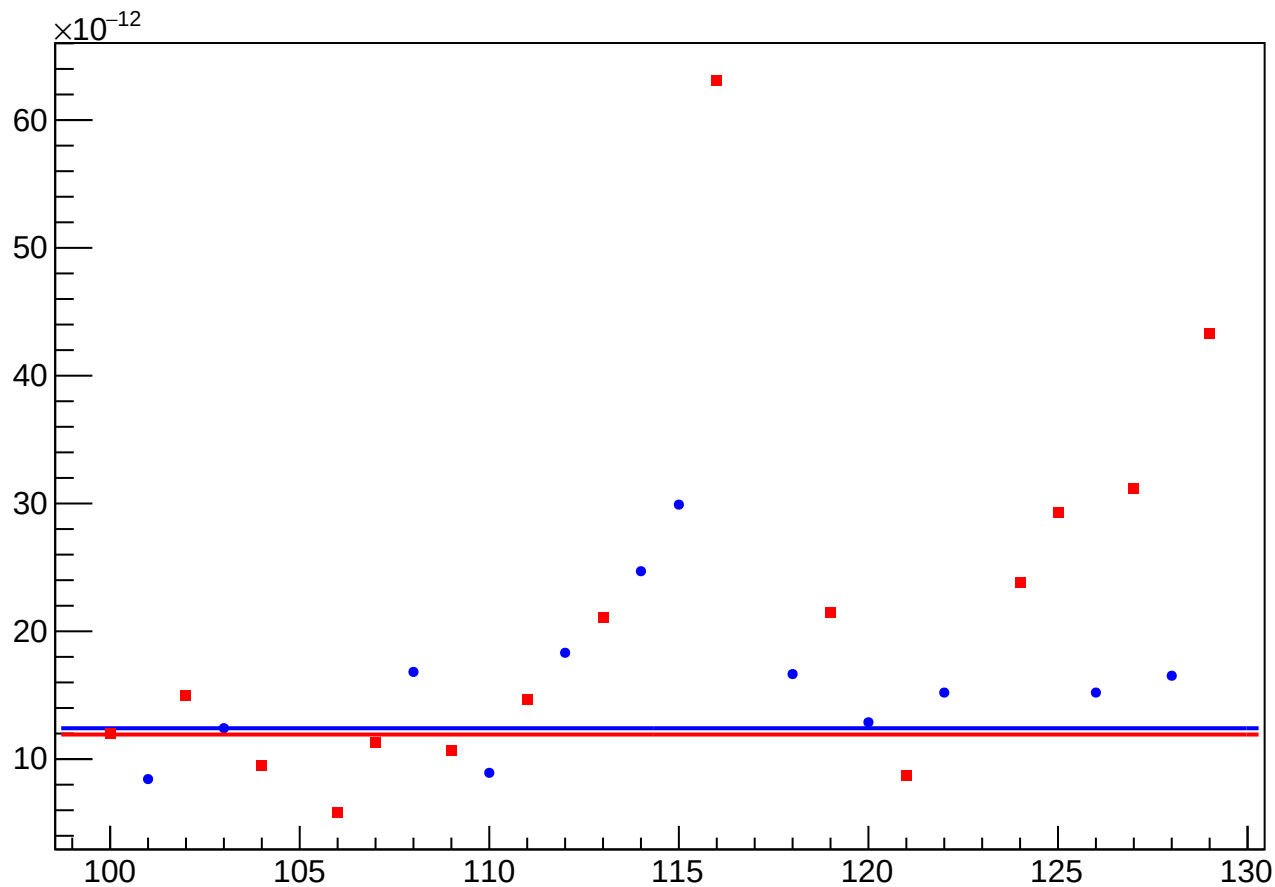
Right: 0.000+/-0.000 χ^2/NDF : 34.5/26

In: -0.000+/-0.000 χ^2/NDF : 13.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 34.5/26

asym_sam5_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 545842.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

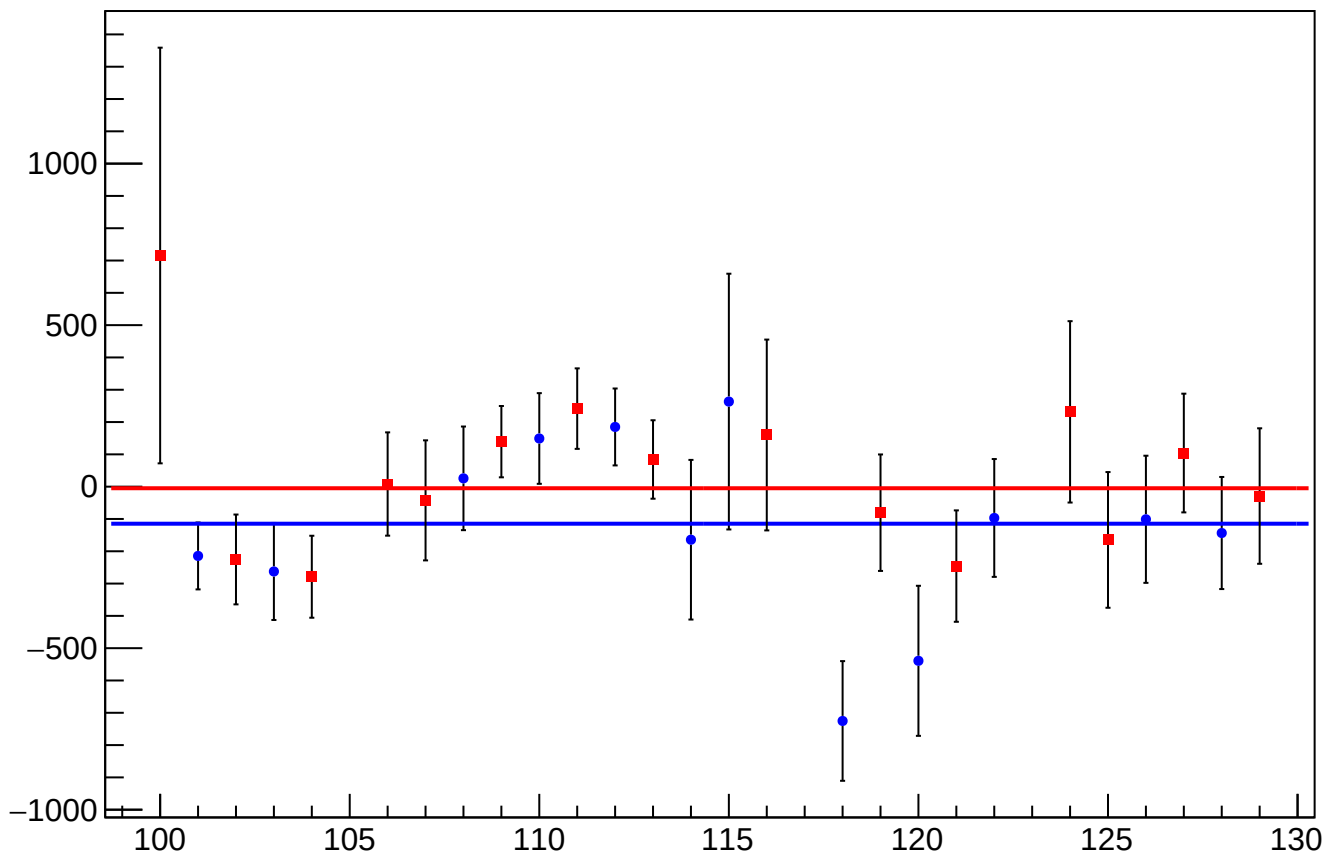
Right: 0.000+/-0.000 χ^2/NDF : 2450577.9/26

In: 0.000+/-0.000 χ^2/NDF : 545842.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2450577.9/26

reg_asym_sam6_mean vs Slug, Sign Corrected



Right In: -114.690 ± 46.764 χ^2/NDF : 27.7/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

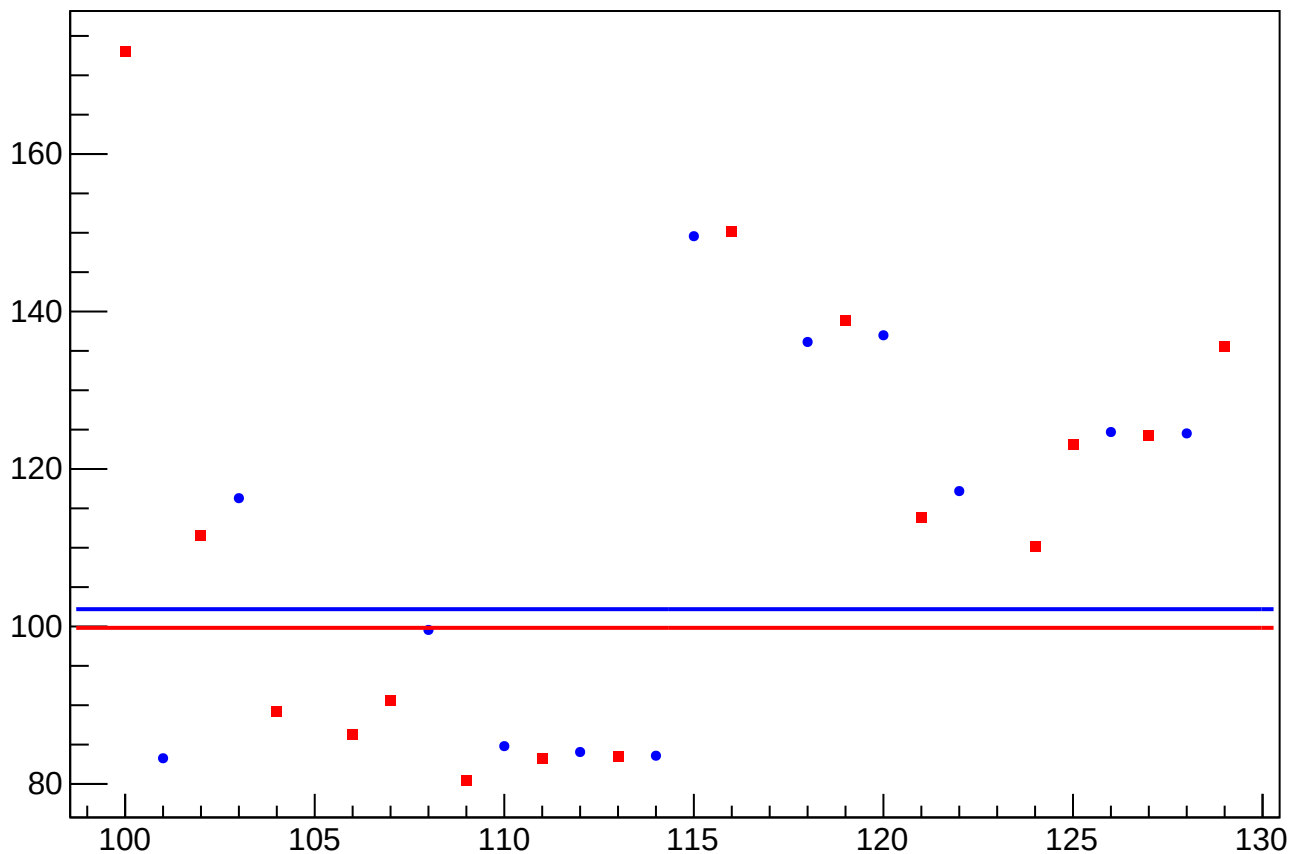
Right: -54.142 ± 31.319 χ^2/NDF : 49.5/26

In: -114.690 ± 46.764 χ^2/NDF : 27.7/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -54.142 ± 31.319 χ^2/NDF : 49.5/26

reg_asym_sam6_rms vs Slug, Sign Corrected



Right In: 102.197+/-0.033 χ^2/NDF : 386882.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

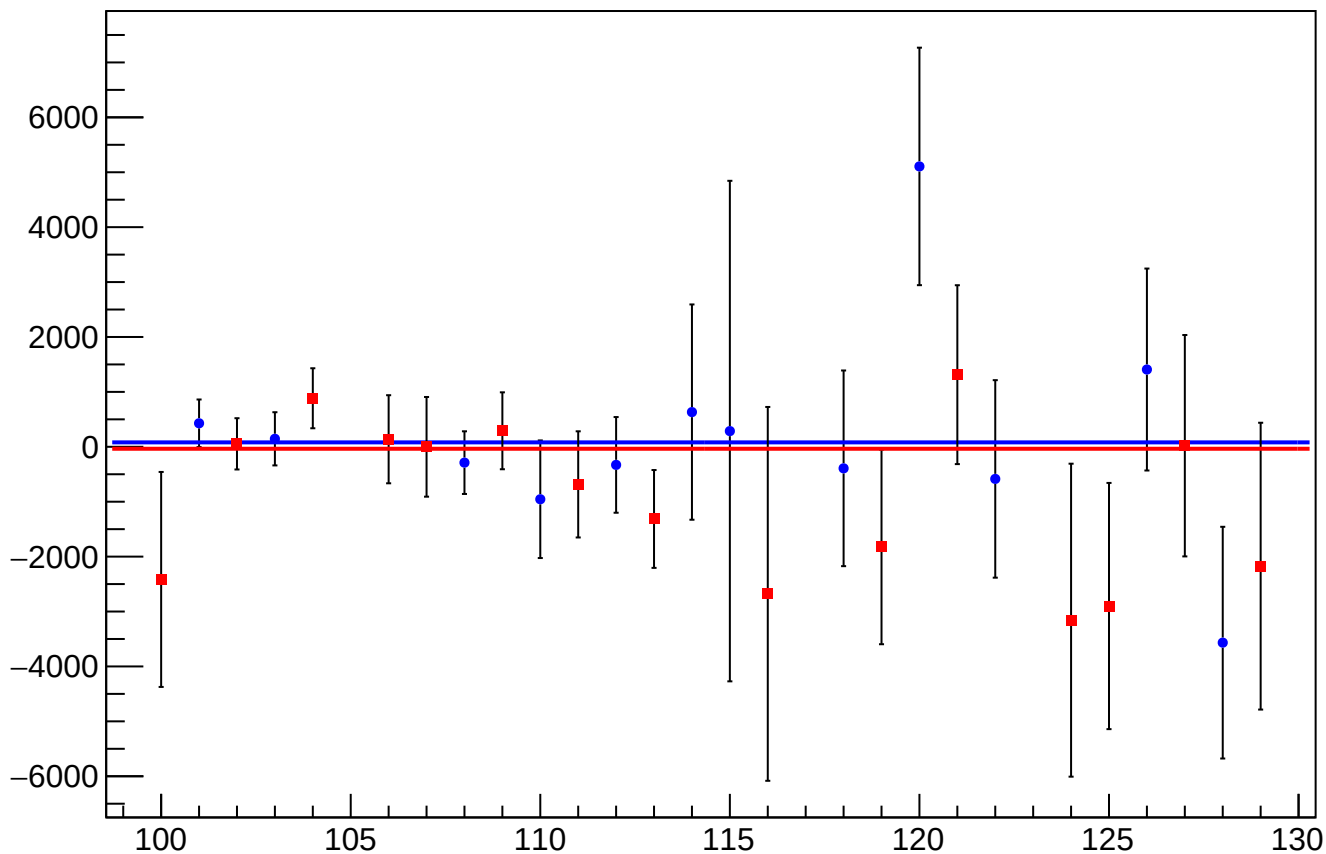
Right: 100.890+/-0.022 χ^2/NDF : 882088.7/26

In: 102.197+/-0.033 χ^2/NDF : 386882.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.890+/-0.022 χ^2/NDF : 882088.7/26

asym_sam6_reg_correction_mean vs Slug, Sign Corrected



Right In: 80.646+/-246.038 χ^2/NDF : 11.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

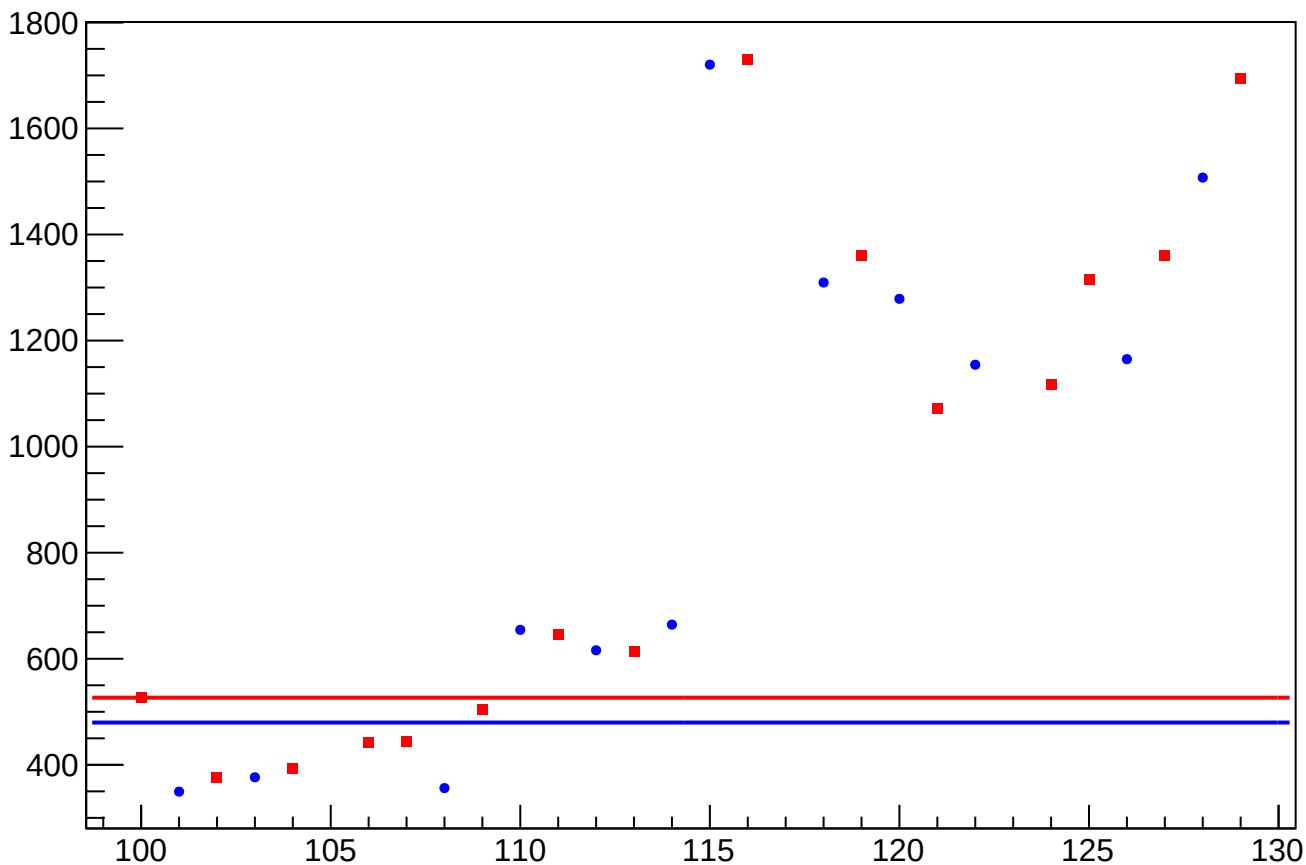
Right: 21.952+/-173.168 χ^2/NDF : 24.5/26

In: 80.646+/-246.038 χ^2/NDF : 11.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.952+/-173.168 χ^2/NDF : 24.5/26

asym_sam6_reg_correction_rms vs Slug, Sign Corrected



Right In: 479.738+/-0.174 χ^2/NDF : 2373761.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

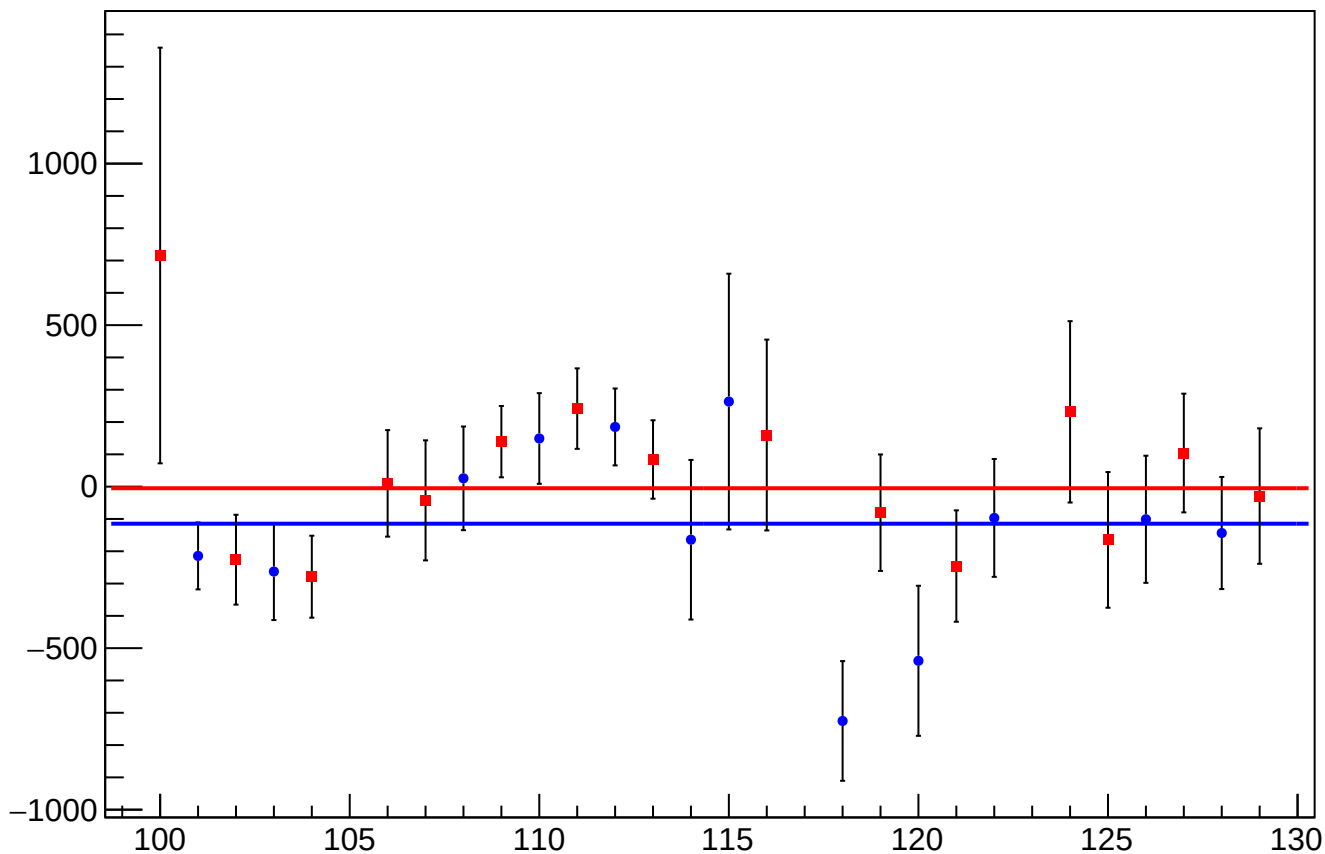
Right: 503.398+/-0.122 χ^2/NDF : 4822328.3/26

In: 479.738+/-0.174 χ^2/NDF : 2373761.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 503.398+/-0.122 χ^2/NDF : 4822328.3/26

cor_asym_sam6_mean vs Slug, Sign Corrected



Right In: -114.725+/-46.764 χ^2/NDF : 27.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

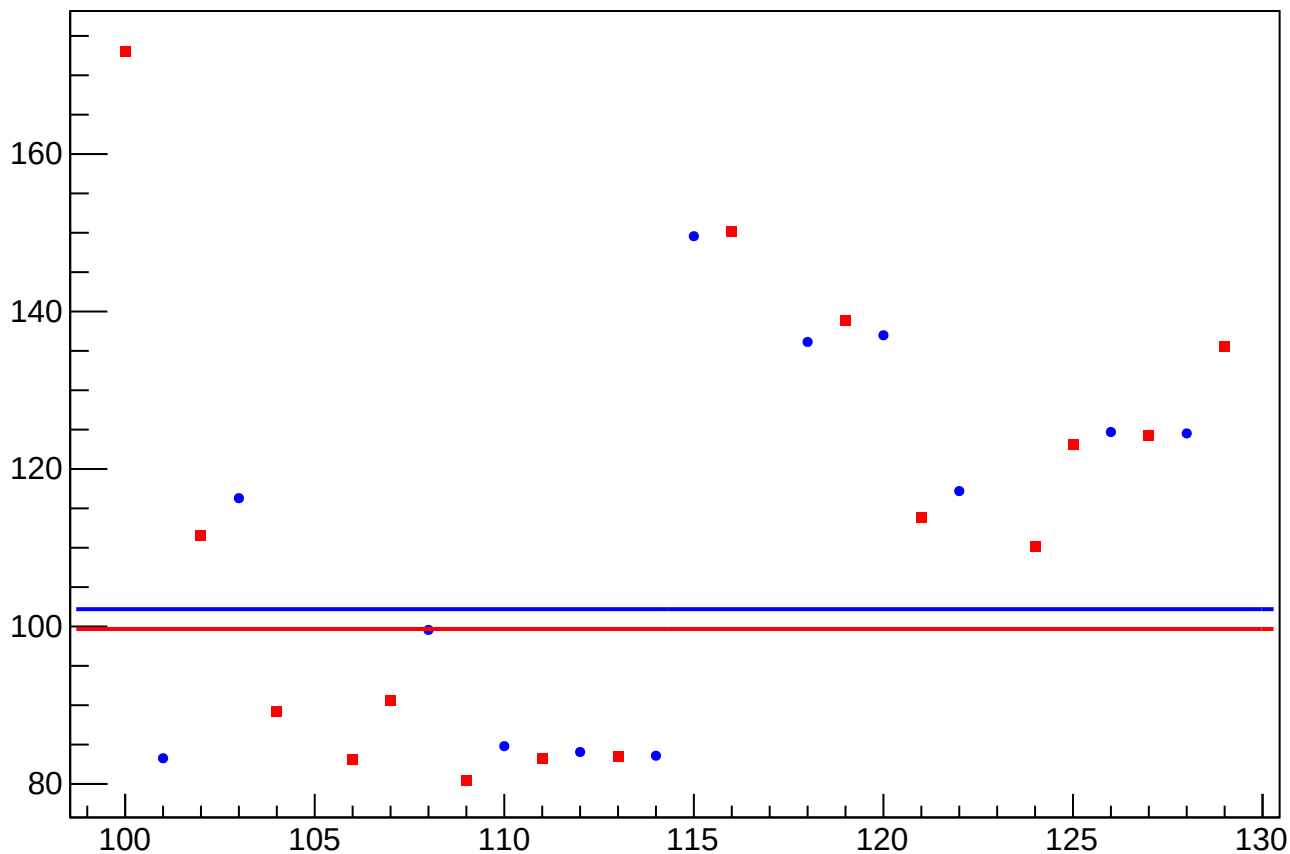
Right: -54.261+/-31.356 χ^2/NDF : 49.5/26

In: -114.725+/-46.764 χ^2/NDF : 27.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -54.261+/-31.356 χ^2/NDF : 49.5/26

cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 102.197 $\pm$ 0.033 χ^2 /NDF: 386884.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 99.679 $\pm$ 0.030 χ^2 /NDF: 498602.7/14

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

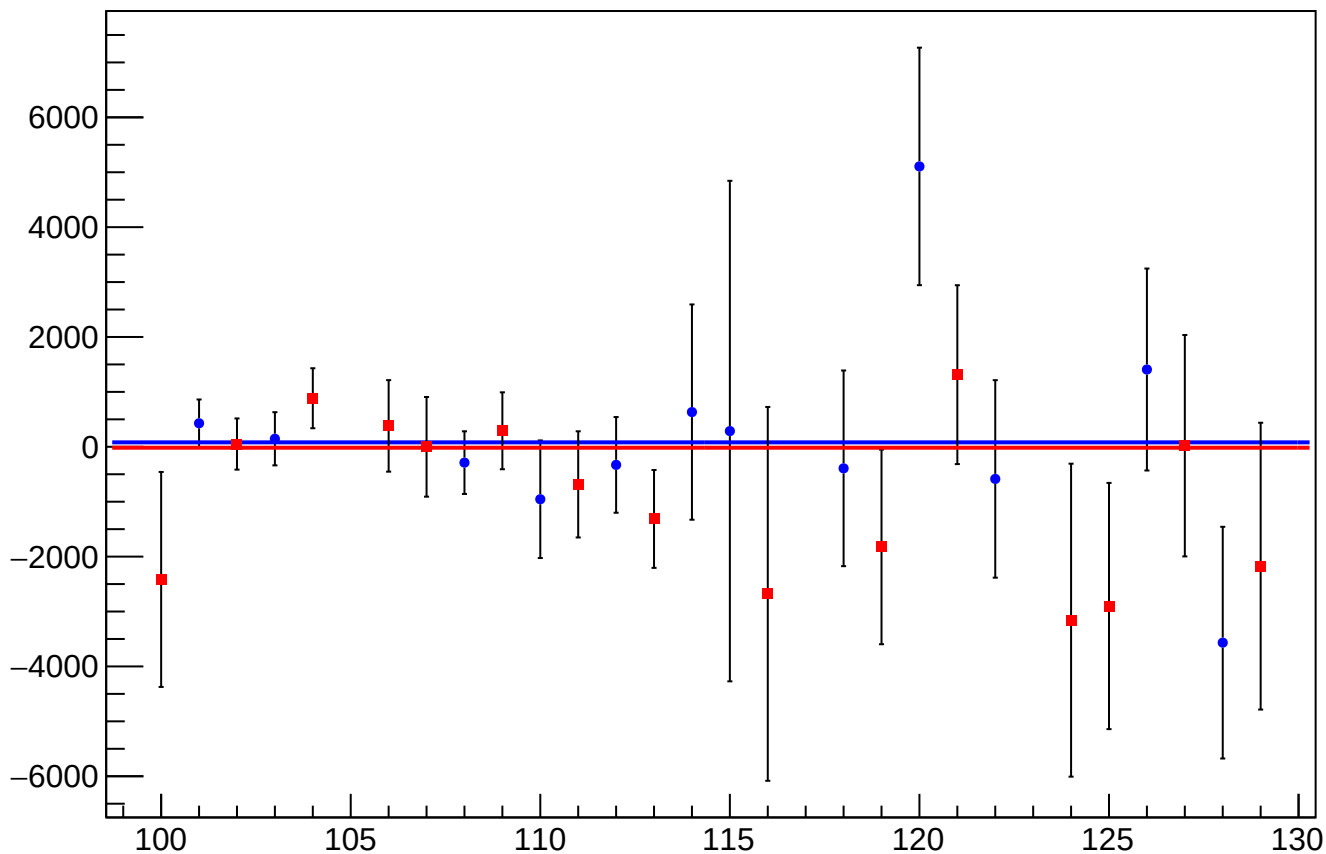
Right: 100.811 $\pm$ 0.022 χ^2 /NDF: 888679.6/26

In: 102.197 $\pm$ 0.033 χ^2 /NDF:386884.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 100.811 $\pm$ 0.022 χ^2 /NDF: 888679.6/26

asym_sam6_cor_correction_mean vs Slug, Sign Corrected



Right In: 80.818+/-246.030 χ^2/NDF : 11.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

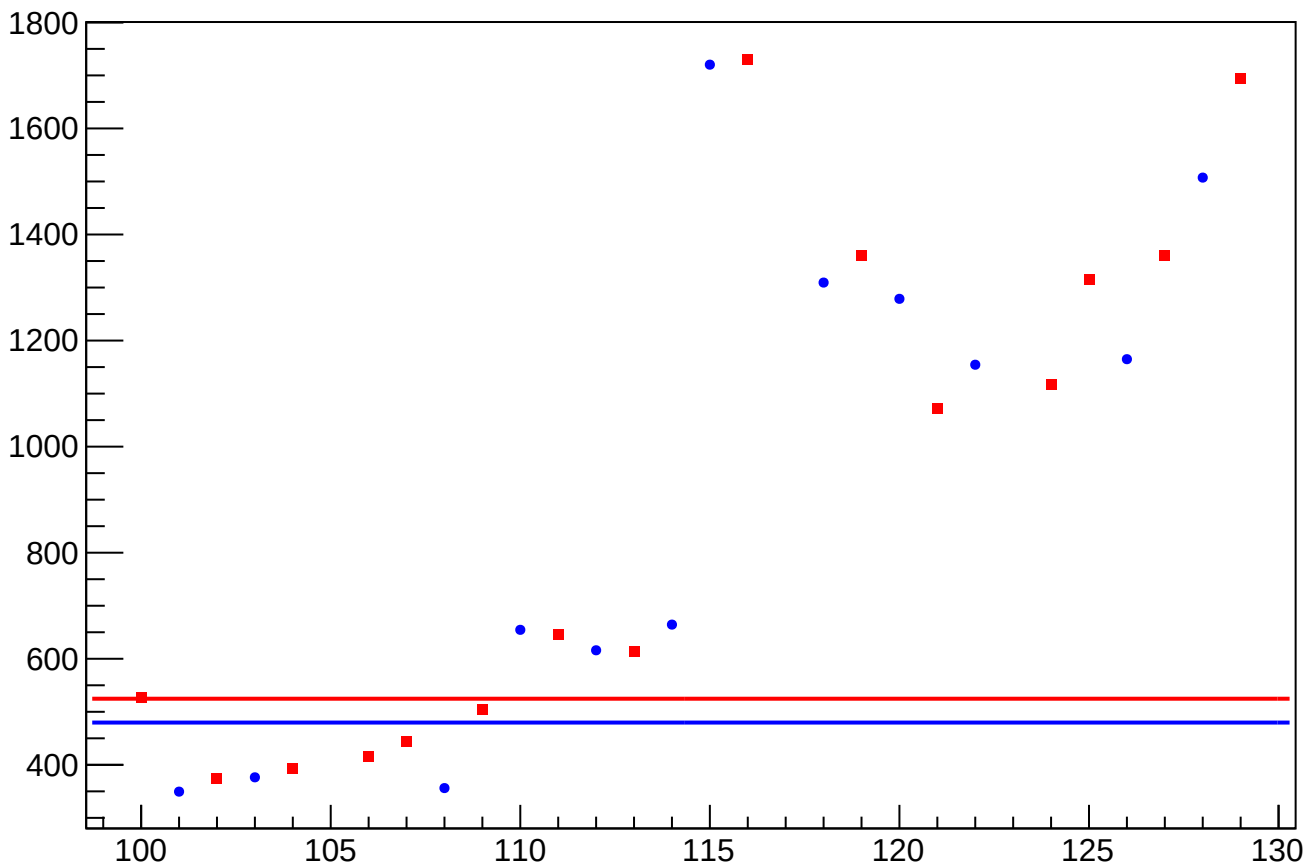
Right: 31.719+/-173.424 χ^2/NDF : 24.6/26

In: 80.818+/-246.030 χ^2/NDF : 11.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.719+/-173.424 χ^2/NDF : 24.6/26

asym_sam6_cor_correction_rms vs Slug, Sign Corrected



Right In: 479.717+/-0.174 χ^2/NDF : 2373875.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

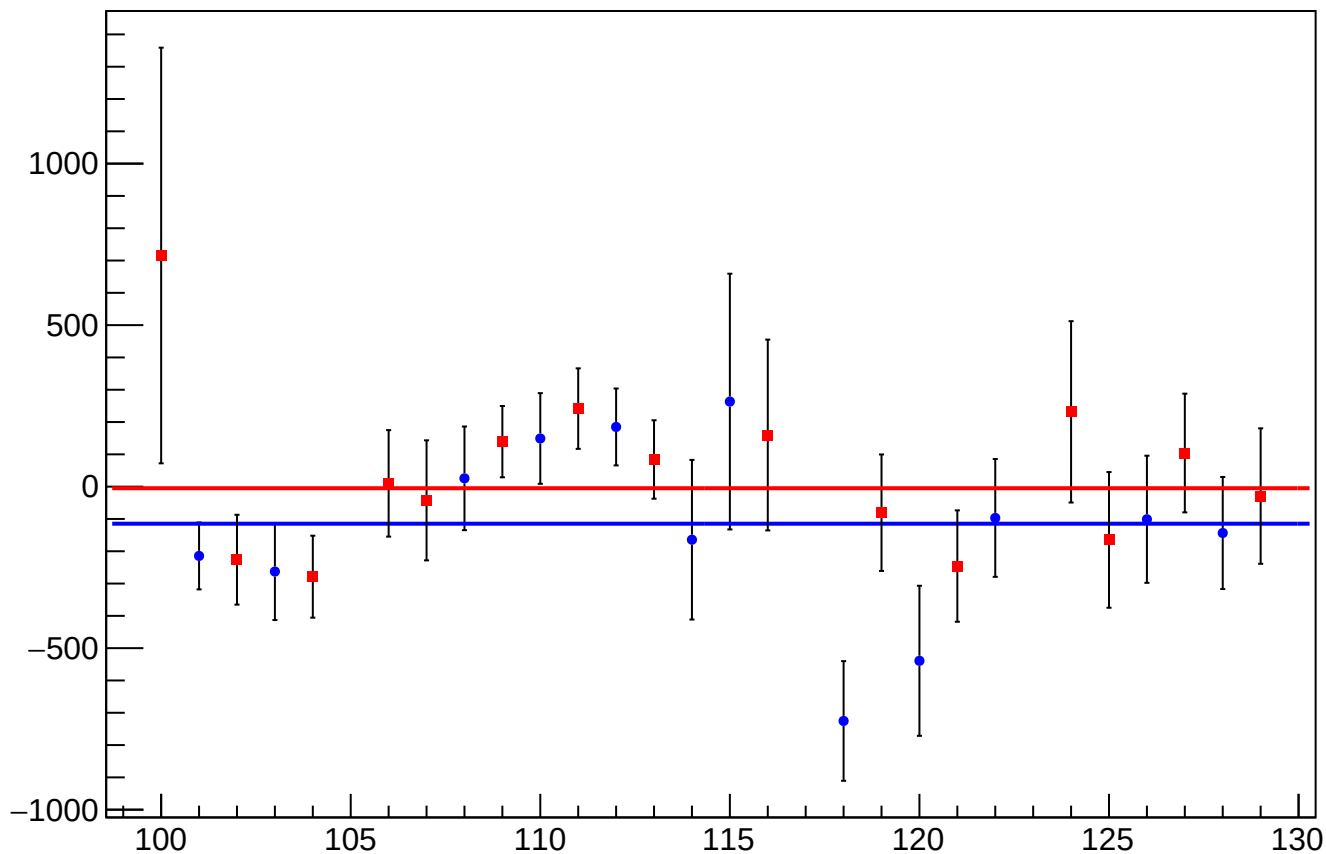
Right: 502.334+/-0.123 χ^2/NDF : 4834602.8/26

In: 479.717+/-0.174 χ^2/NDF : 2373875.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 502.334+/-0.123 χ^2/NDF : 4834602.8/26

eigen_cor_asym_sam6_mean vs Slug, Sign Corrected



Right In: -114.725+/-46.764 χ^2/NDF : 27.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

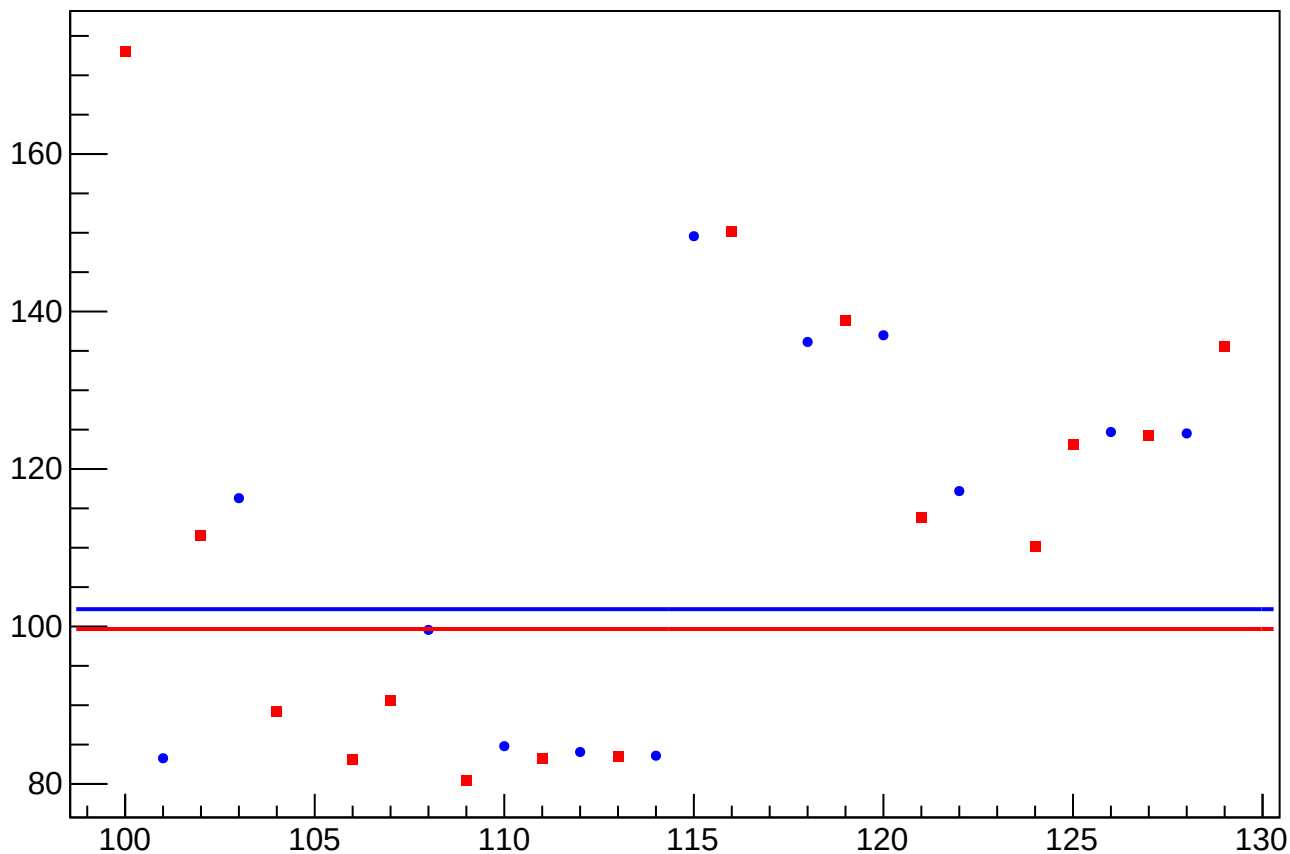
Right: -54.261+/-31.356 χ^2/NDF : 49.5/26

In: -114.725+/-46.764 χ^2/NDF : 27.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -54.261+/-31.356 χ^2/NDF : 49.5/26

eigen_cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 102.197+/-0.033 χ^2/NDF : 386884.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

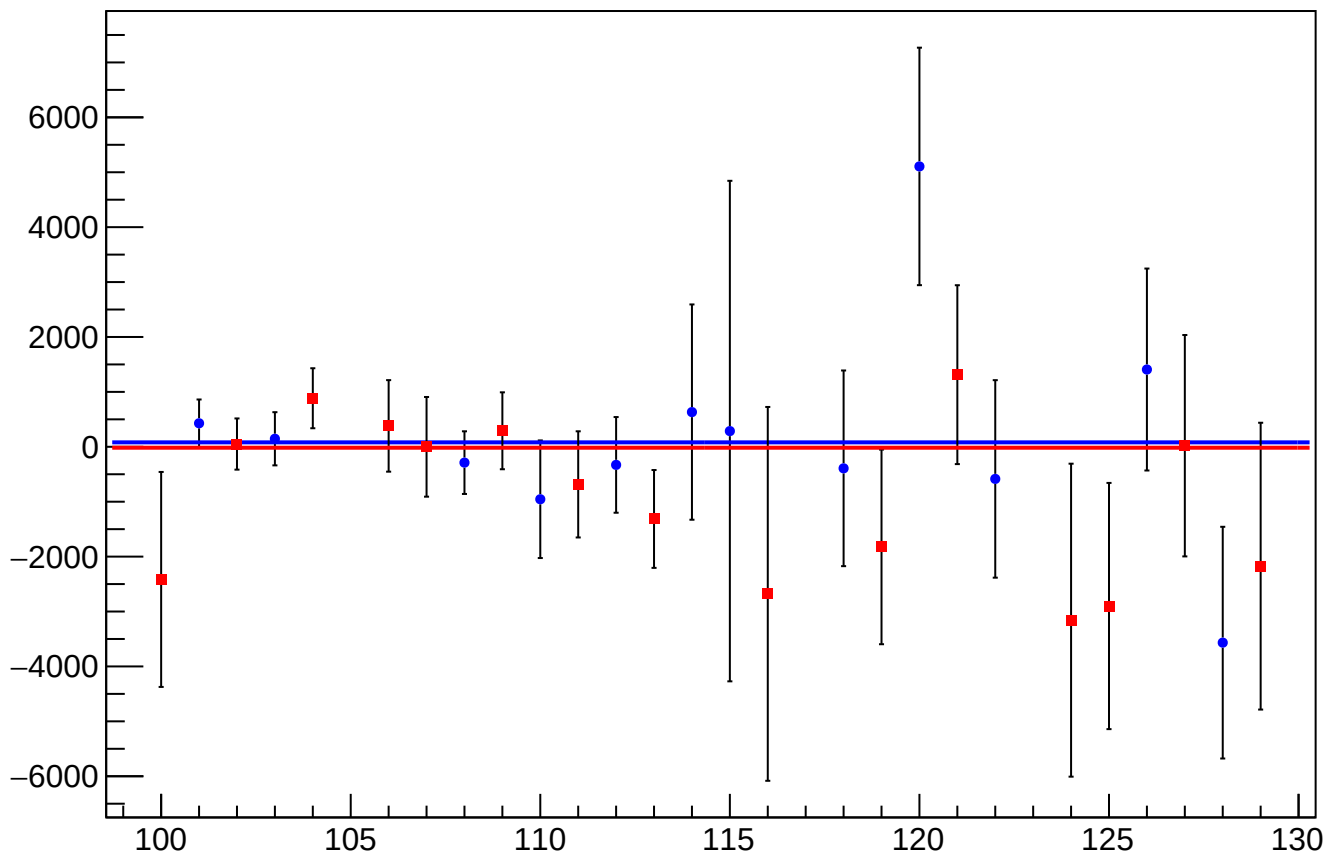
Right: 100.811+/-0.022 χ^2/NDF : 888679.6/26

In: 102.197+/-0.033 χ^2/NDF : 386884.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.811+/-0.022 χ^2/NDF : 888679.6/26

asym_sam6_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 80.818+/-246.030 χ^2/NDF : 11.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

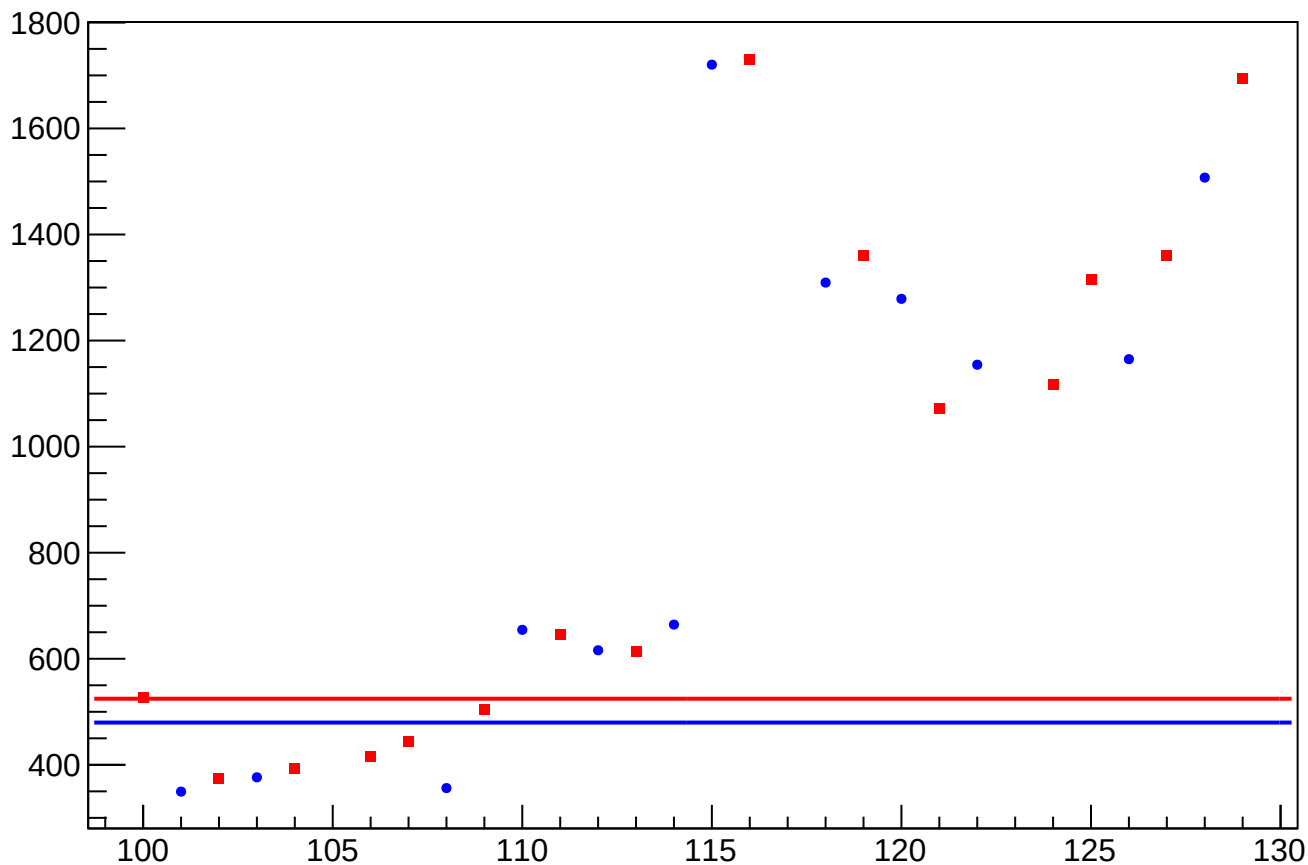
Right: 31.719+/-173.424 χ^2/NDF : 24.6/26

In: 80.818+/-246.030 χ^2/NDF : 11.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.719+/-173.424 χ^2/NDF : 24.6/26

asym_sam6_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 479.717+/-0.174 χ^2/NDF : 2373875.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

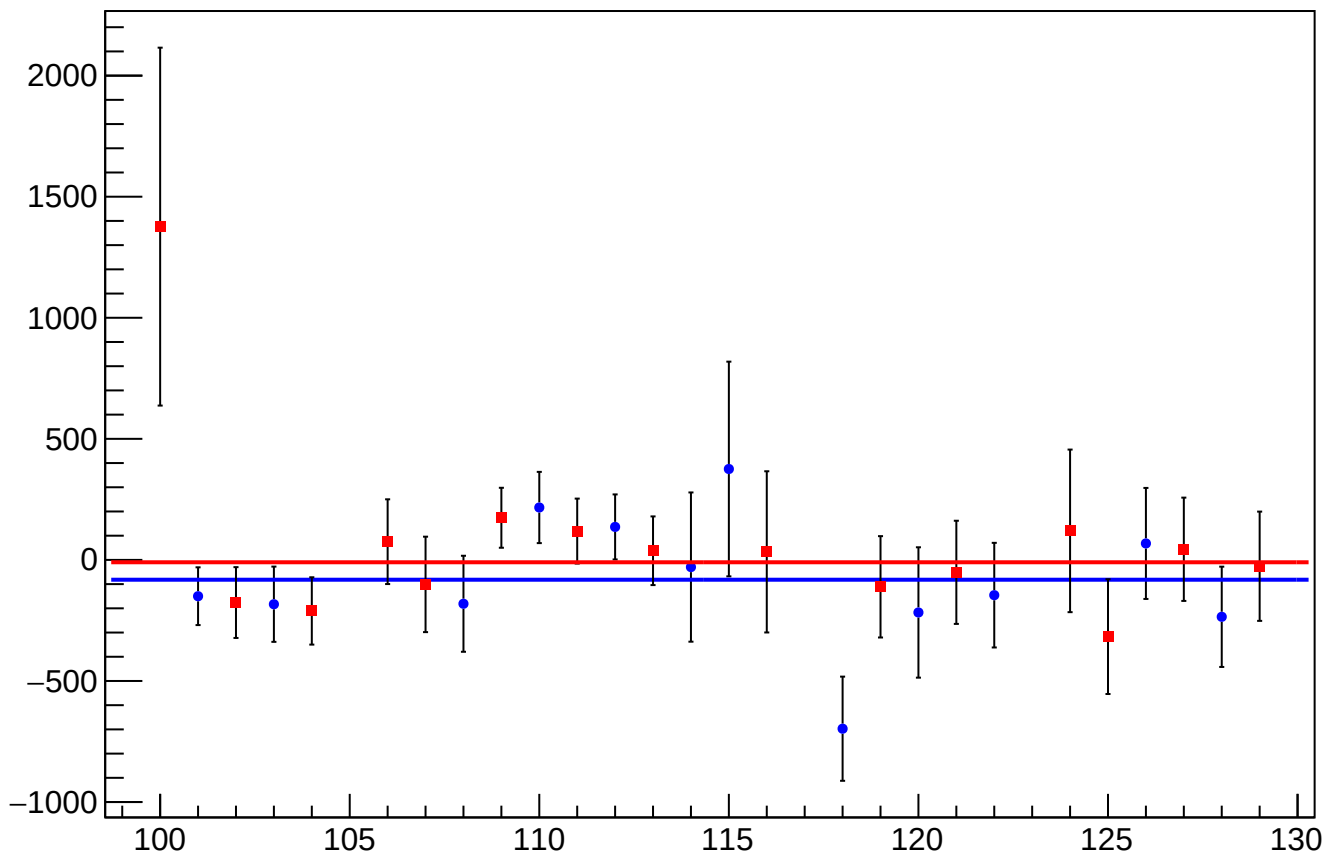
Right: 502.334+/-0.123 χ^2/NDF : 4834602.8/26

In: 479.717+/-0.174 χ^2/NDF : 2373875.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 502.334+/-0.123 χ^2/NDF : 4834602.8/26

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -81.831 ± 53.179 χ^2/NDF : 18.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -9.774 ± 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

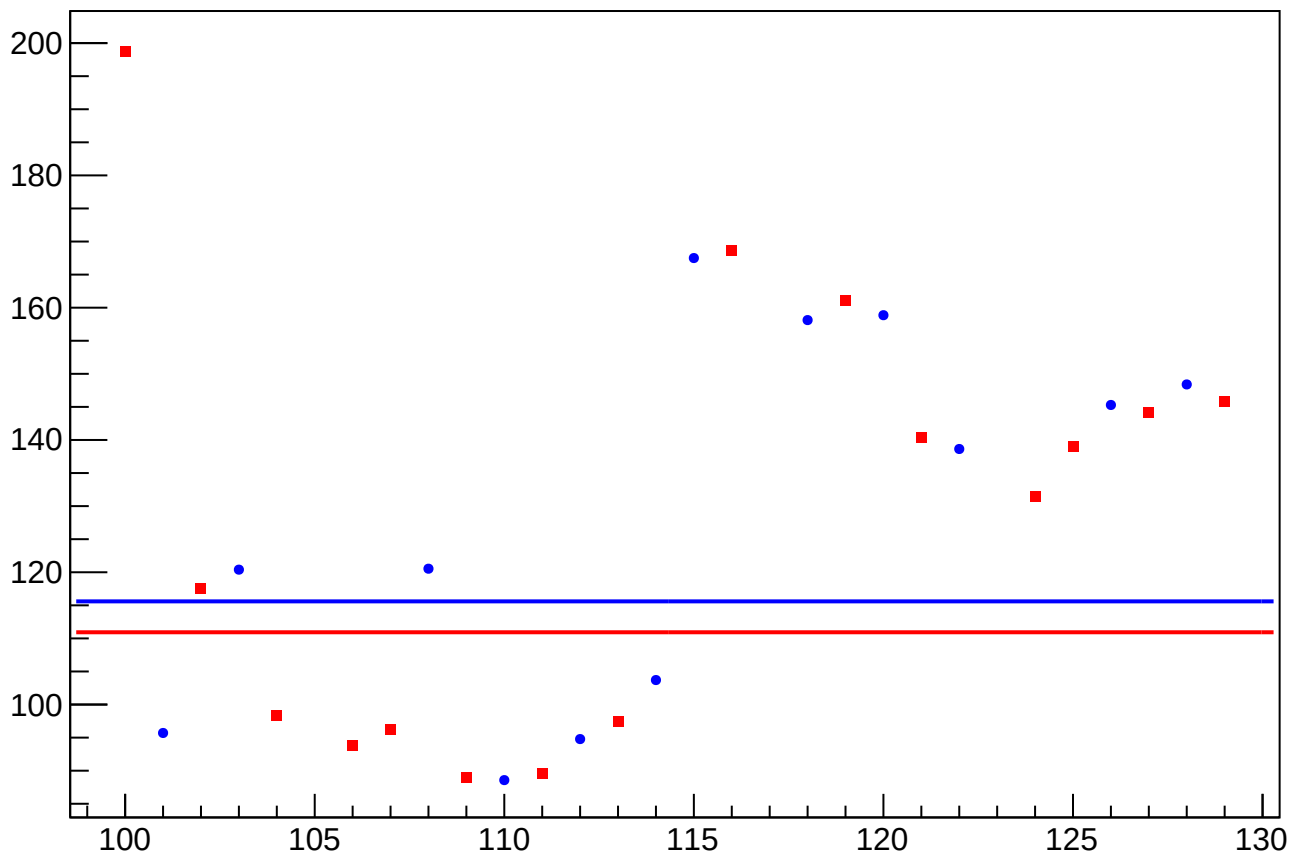
Right: -41.423 ± 35.244 χ^2/NDF : 32.1/26

In: -81.831 ± 53.179 χ^2/NDF : 18.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -41.423 ± 35.244 χ^2/NDF : 32.1/26

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 115.600 $\pm$ 0.038 χ^2 /NDF: 441017.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 110.927 $\pm$ 0.033 χ^2 /NDF: 556083.5/14

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

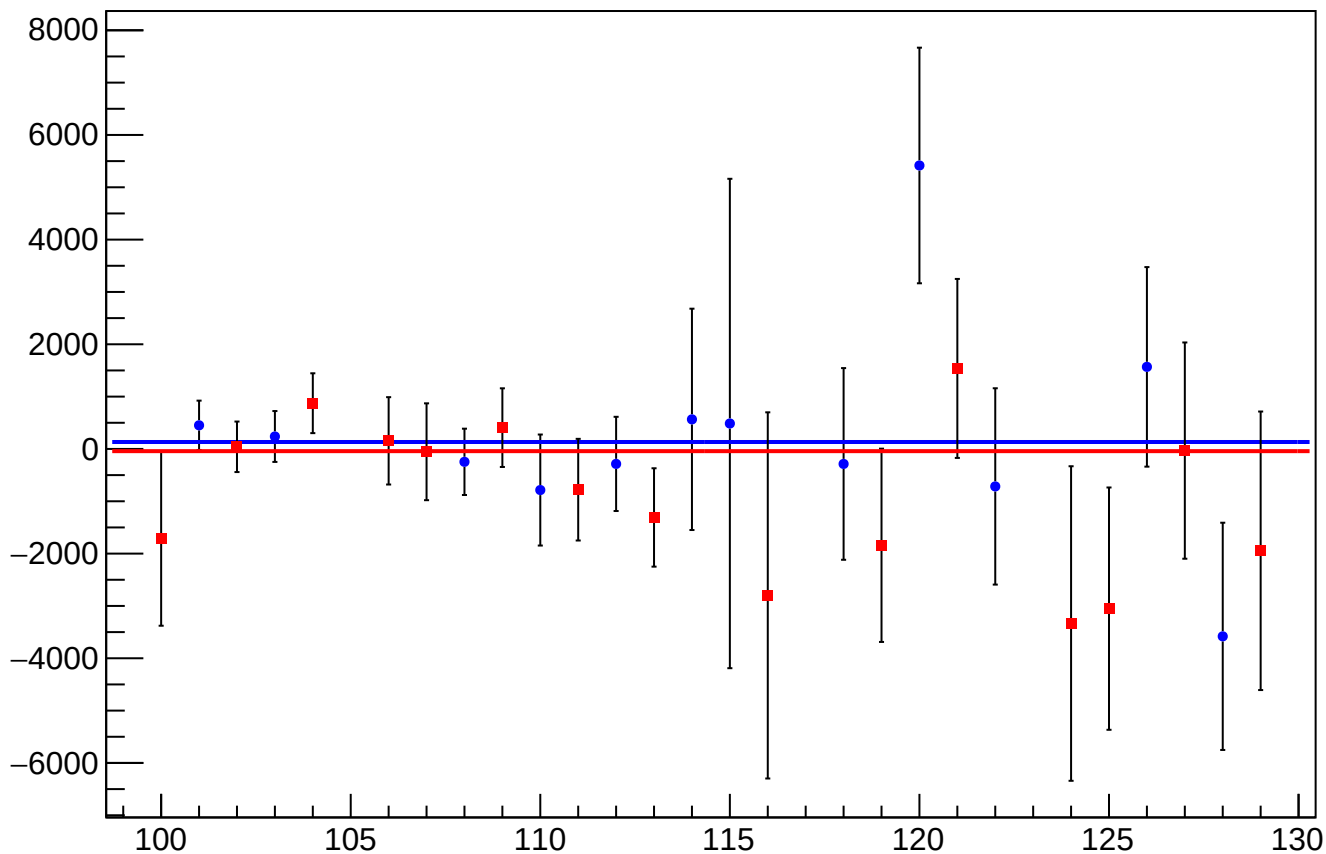
Right: 112.979 $\pm$ 0.025 χ^2 /NDF: 1005759.1/26

In: 115.600 $\pm$ 0.038 χ^2 /NDF:441017.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 112.979 $\pm$ 0.025 χ^2 /NDF: 1005759.1/26

asym_sam6_dit_correction_mean vs Slug, Sign Corrected



Right In: 132.694+/-259.229 χ^2/NDF : 11.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -42.250+/-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

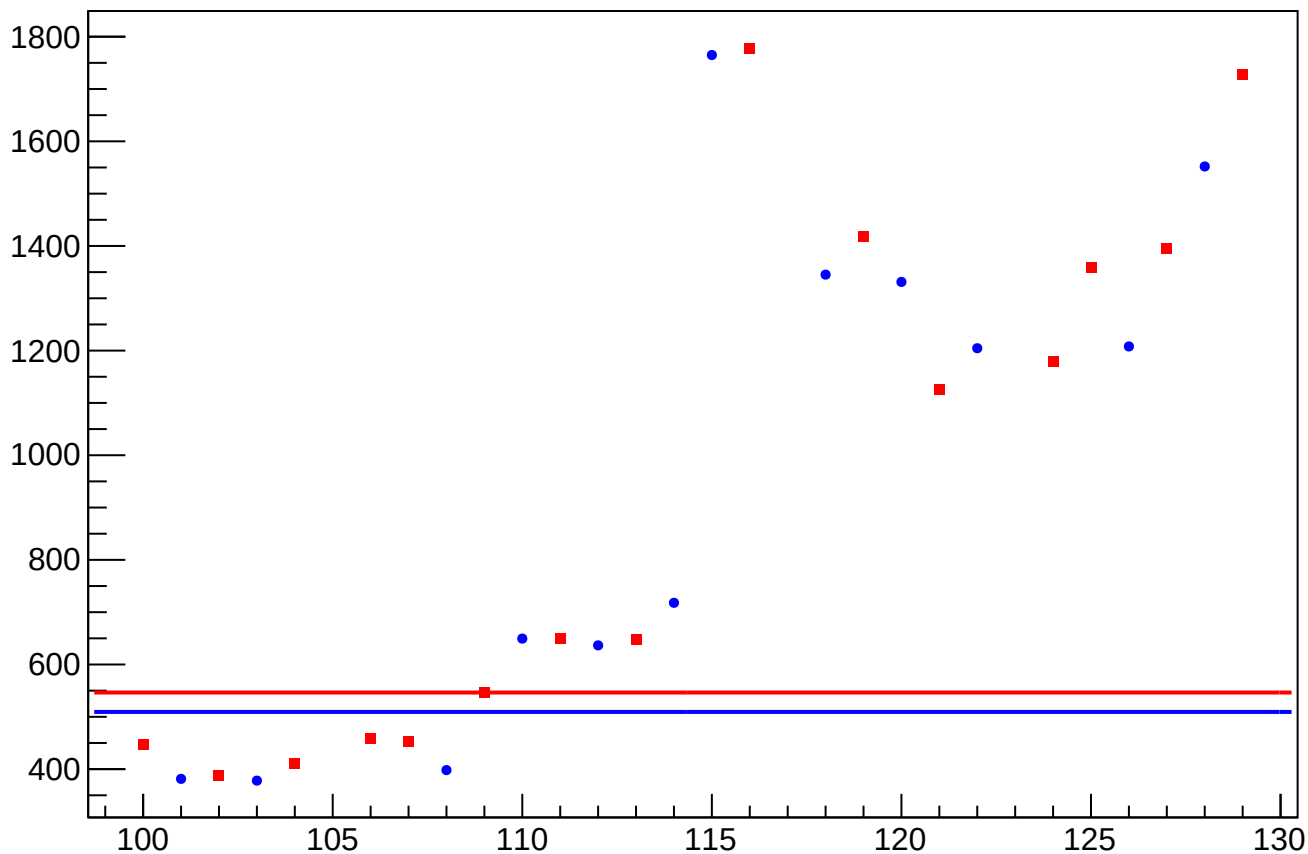
Right: 42.961+/-180.918 χ^2/NDF : 23.6/26

In: 132.694+/-259.229 χ^2/NDF : 11.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.961+/-180.918 χ^2/NDF : 23.6/26

asym_sam6_dit_correction_rms vs Slug, Sign Corrected



Right In: 509.330+/-0.183 χ^2/NDF : 2280986.6/11

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

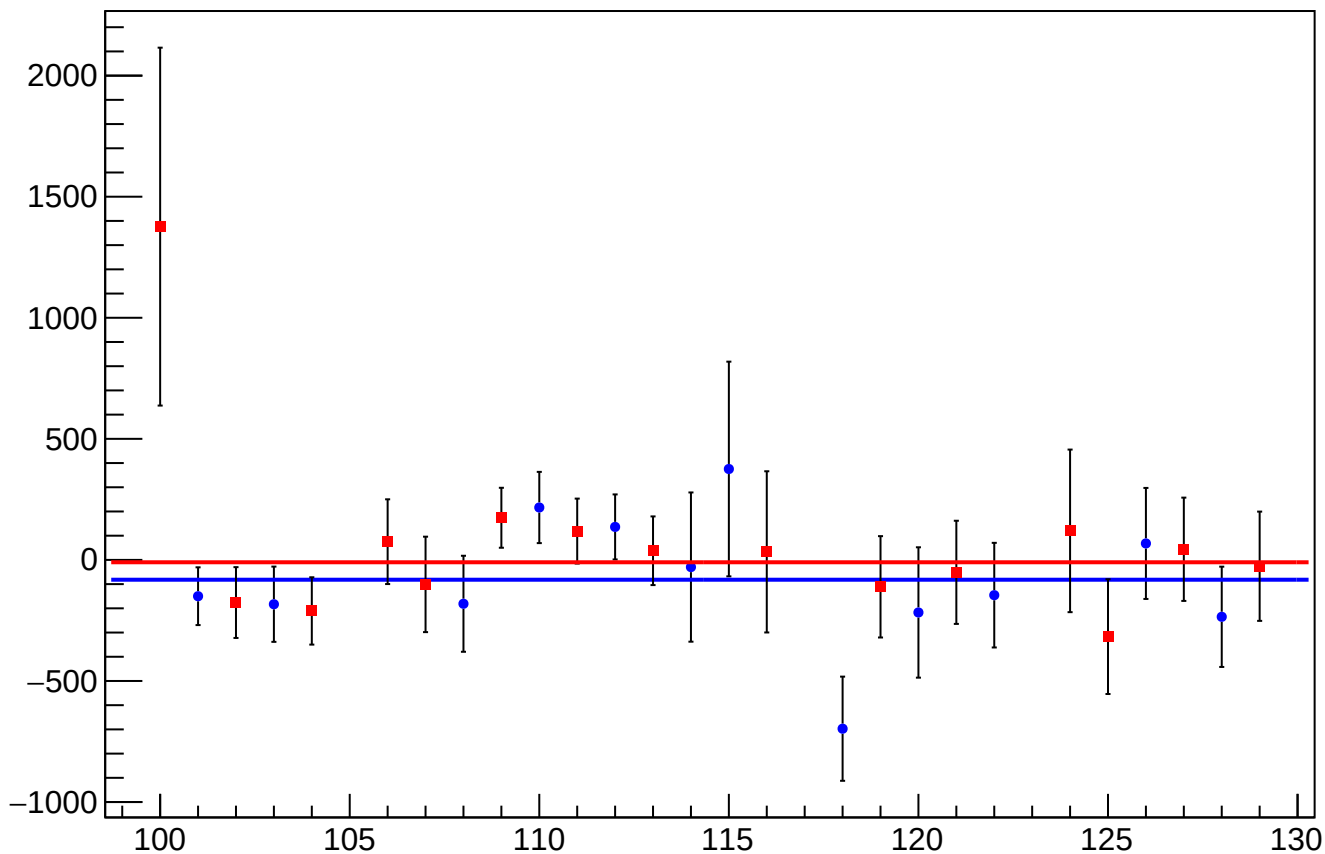
Right: 528.354+/-0.128 χ^2/NDF : 4712918.0/26

In: 509.330+/-0.183 χ^2/NDF : 2280986.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 528.354+/-0.128 χ^2/NDF : 4712918.0/26

eigen_dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -81.833 ± 53.179 χ^2/NDF : 18.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -9.773 ± 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

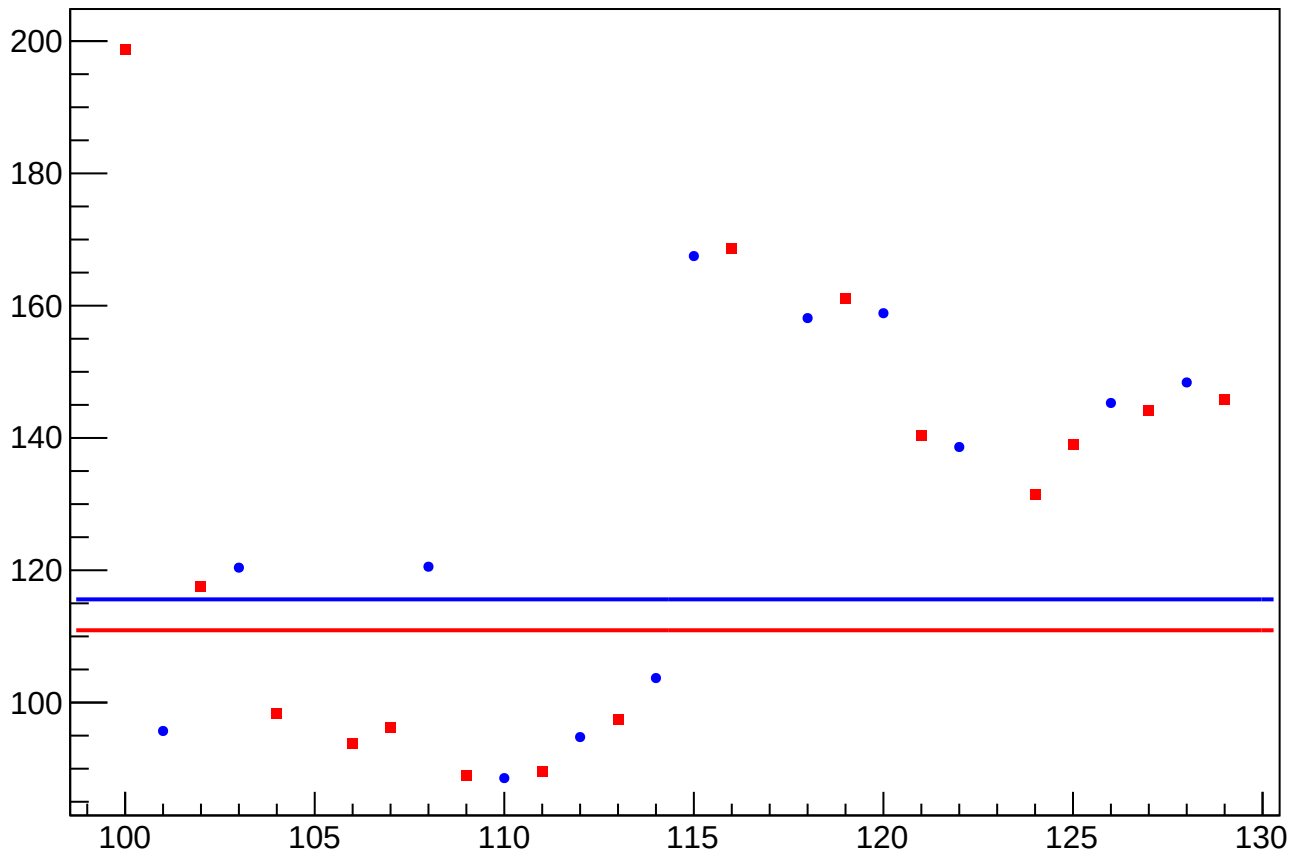
Right: -41.423 ± 35.244 χ^2/NDF : 32.1/26

In: -81.833 ± 53.179 χ^2/NDF : 18.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -41.423 ± 35.244 χ^2/NDF : 32.1/26

eigen_dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 115.599+/-0.038 χ^2/NDF : 441019.5/11

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

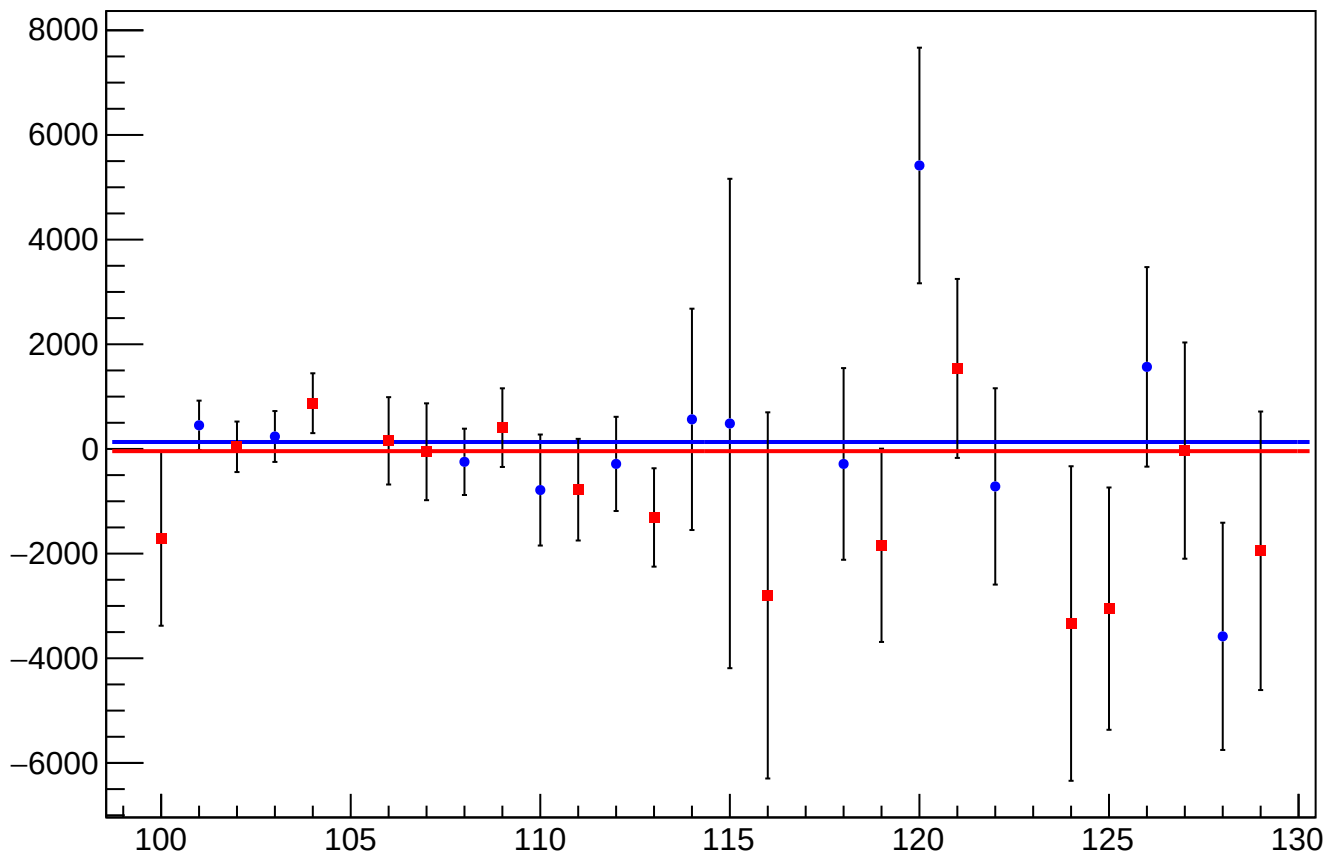
Right: 112.979+/-0.025 χ^2/NDF : 1005760.3/26

In: 115.599+/-0.038 χ^2/NDF : 441019.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.979+/-0.025 χ^2/NDF : 1005760.3/26

asym_sam6_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 132.694 $\pm$ 259.229 χ^2 /NDF: 11.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -42.248 $\pm$ 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

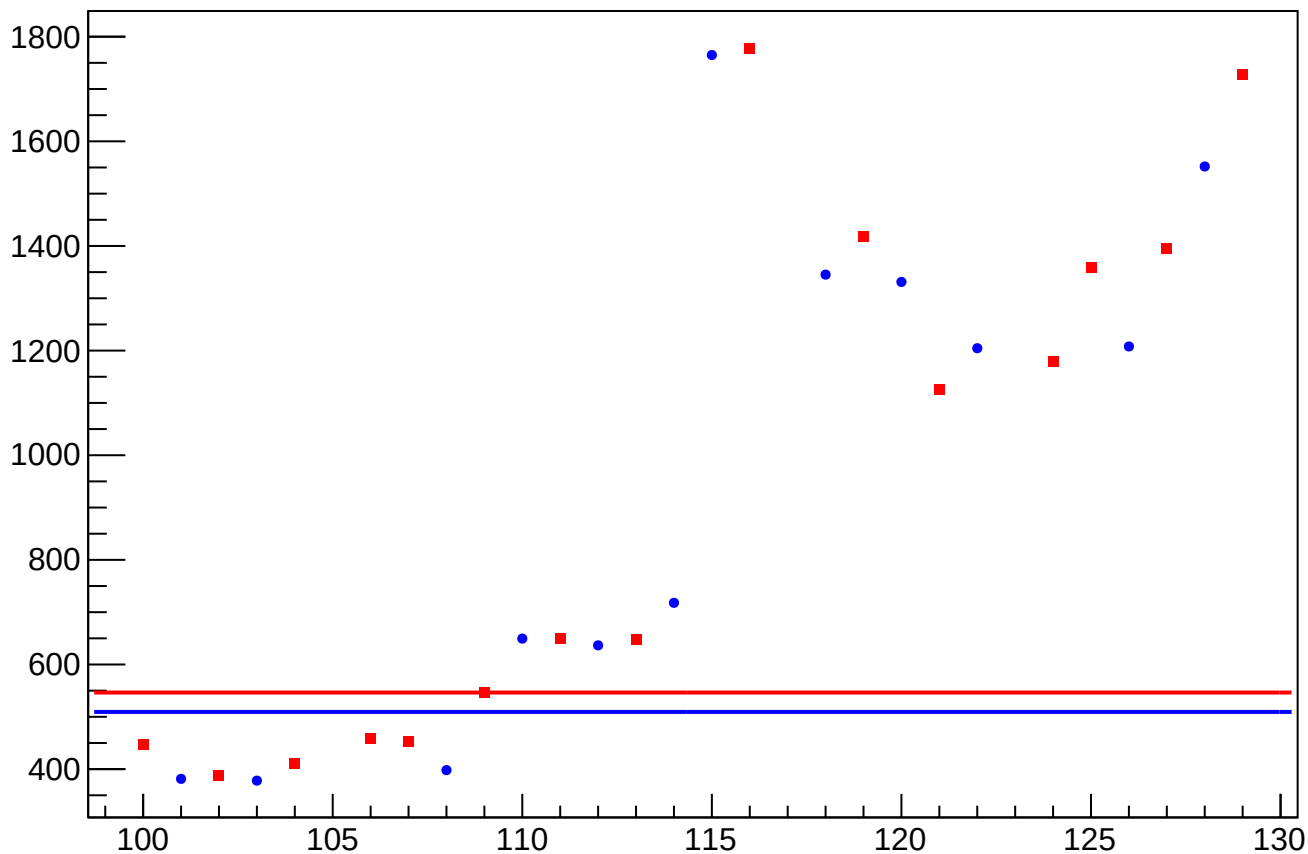
Right: 42.962 $\pm$ 180.918 χ^2 /NDF: 23.6/26

In: 132.694 $\pm$ 259.229 χ^2 /NDF:11.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 42.962 $\pm$ 180.918 χ^2 /NDF: 23.6/26

asym_sam6_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 509.330+/-0.183 χ^2/NDF : 2280989.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

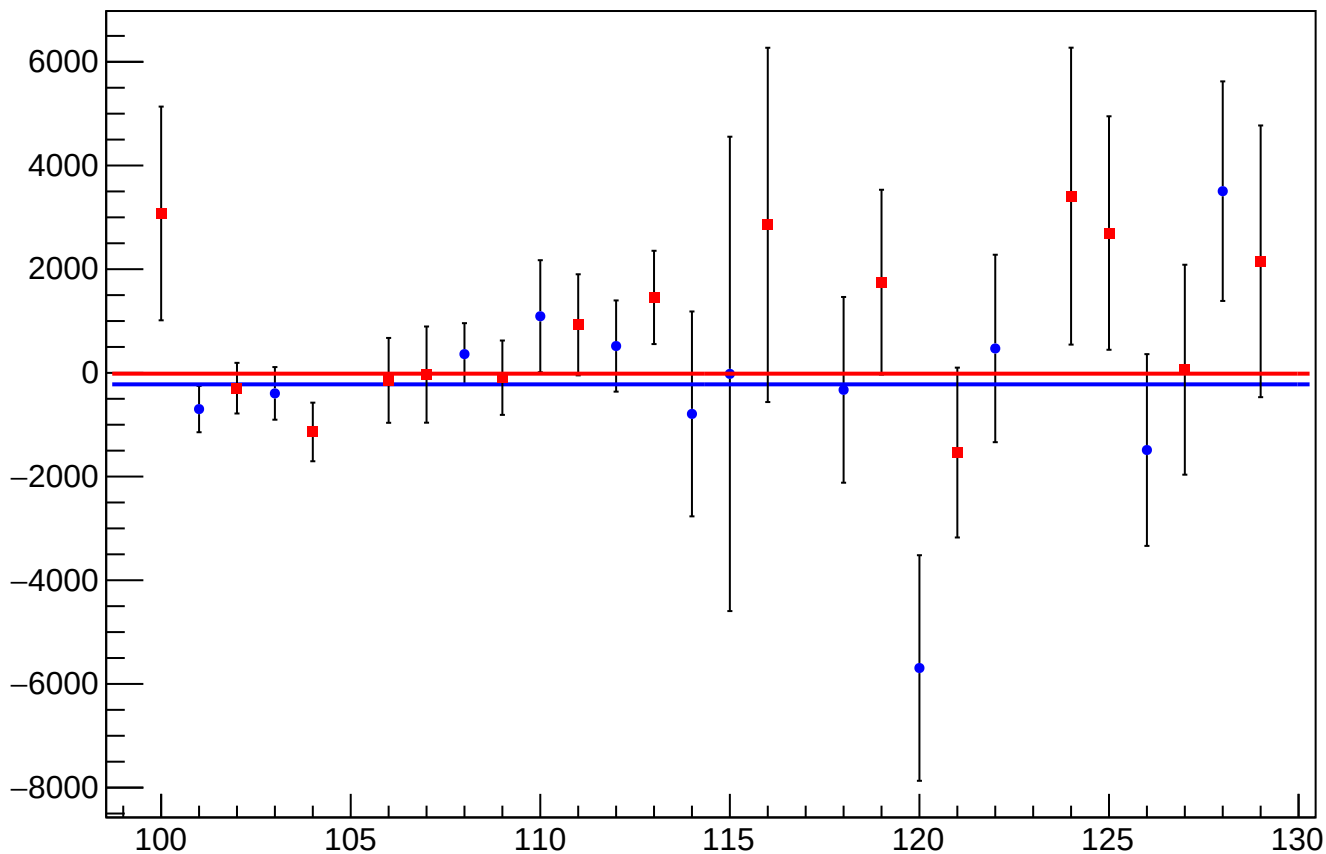
Right: 528.354+/-0.128 χ^2/NDF : 4712921.7/26

In: 509.330+/-0.183 χ^2/NDF : 2280989.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 528.354+/-0.128 χ^2/NDF : 4712921.7/26

asym_sam6_mean vs Slug, Sign Corrected



Right In: -221.187 ± 254.041 χ^2/NDF : 14.5/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

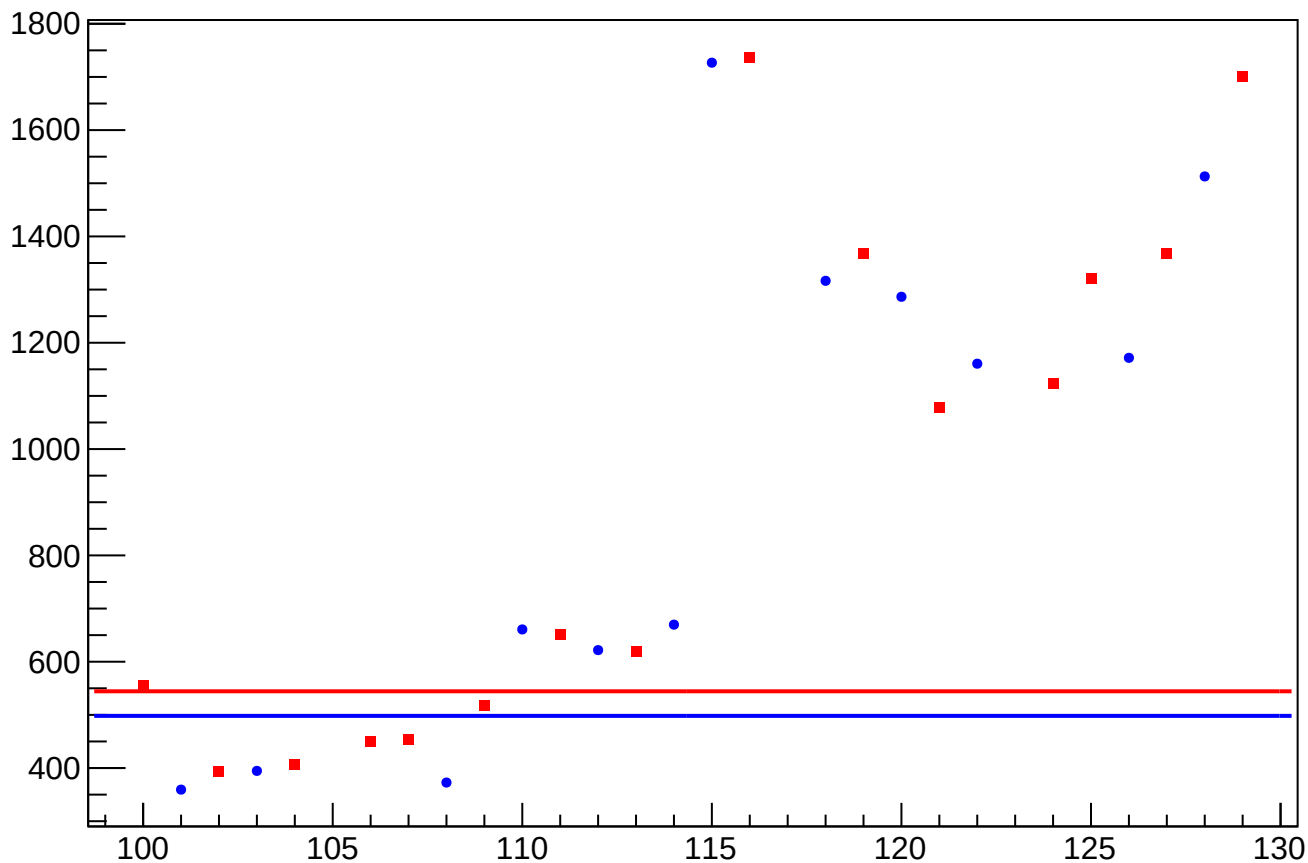
Right: -116.810 ± 178.397 χ^2/NDF : 31.1/26

In: -221.187 ± 254.041 χ^2/NDF : 14.5/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -116.810 ± 178.397 χ^2/NDF : 31.1/26

asym_sam6_rms vs Slug, Sign Corrected



Right In: 498.148+/-0.180 χ^2/NDF : 2281359.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

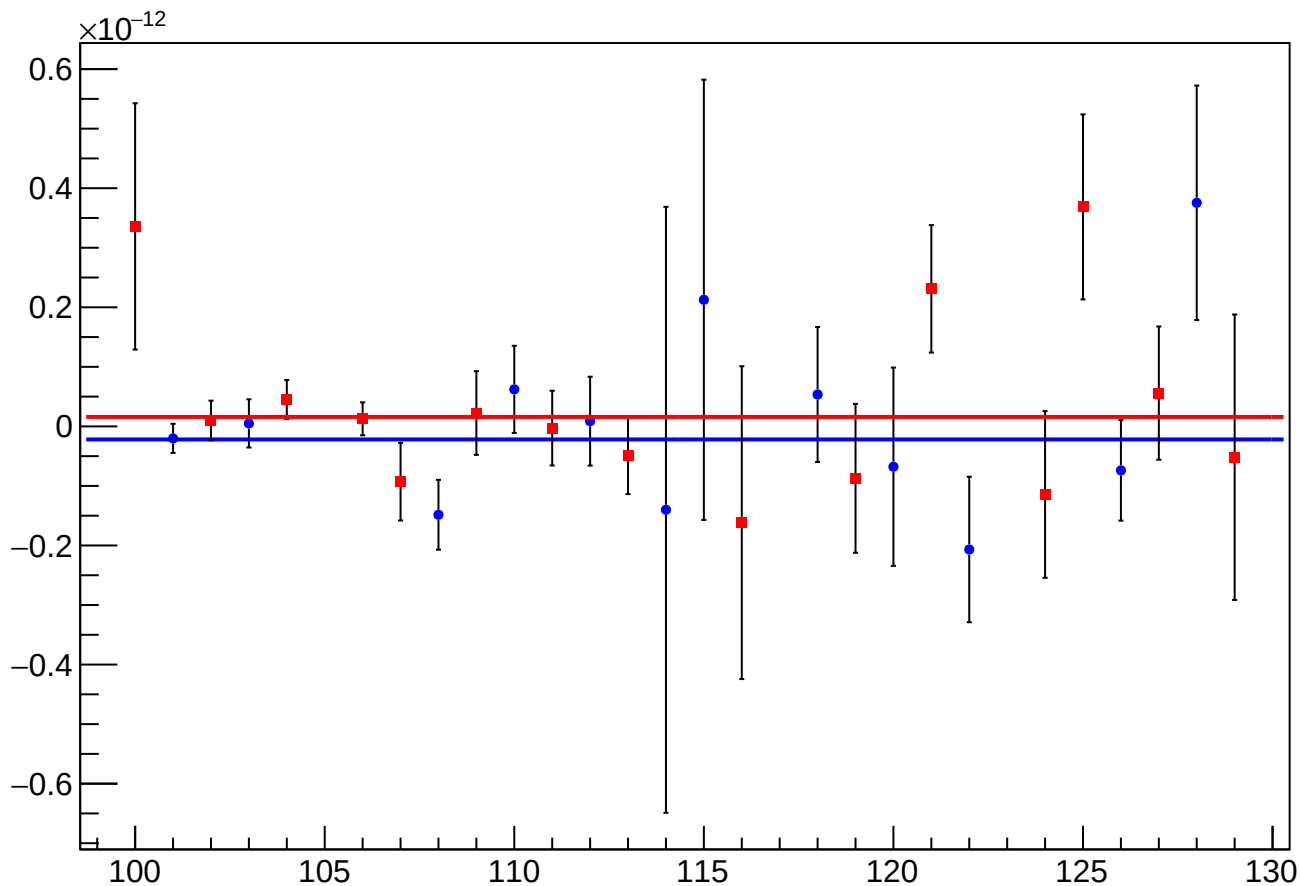
Right: 521.567+/-0.126 χ^2/NDF : 4633228.3/26

In: 498.148+/-0.180 χ^2/NDF : 2281359.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 521.567+/-0.126 χ^2/NDF : 4633228.3/26

asym_sam6_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 18.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

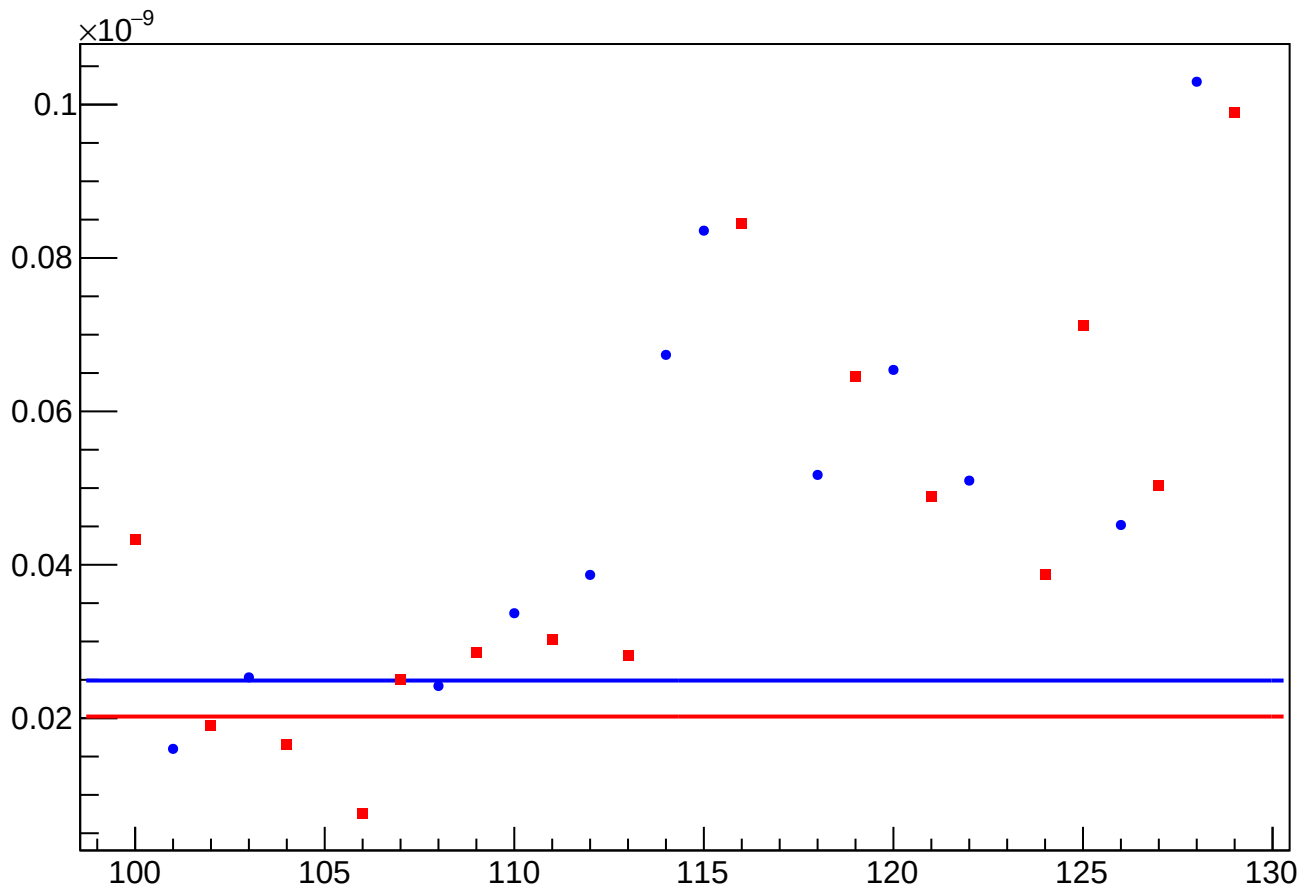
Right: -0.000+/-0.000 χ^2/NDF : 35.5/26

In: -0.000+/-0.000 χ^2/NDF : 14.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 35.5/26

asym_sam6_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1178052.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

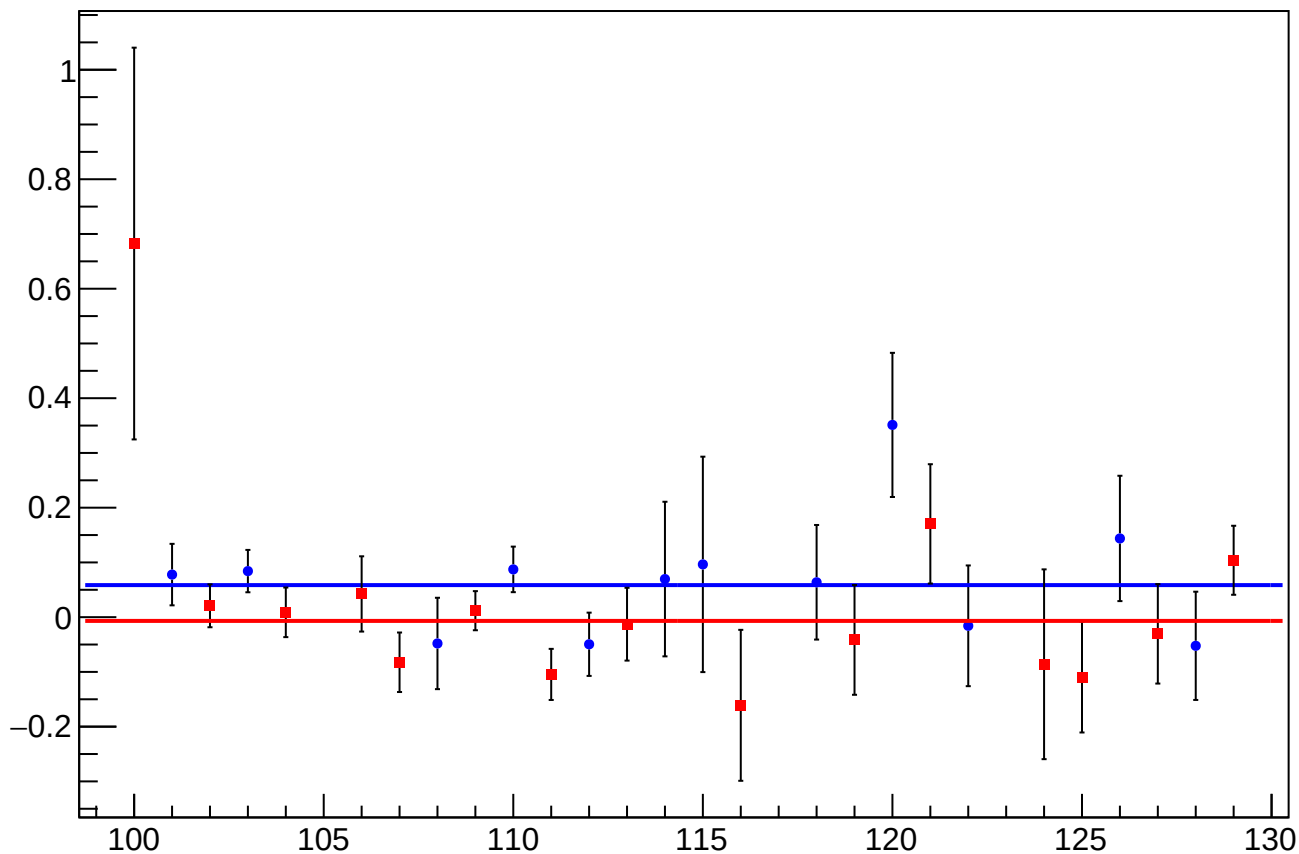
Right: 0.000+/-0.000 χ^2/NDF : 2980206.8/26

In: 0.000+/-0.000 χ^2/NDF : 1178052.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2980206.8/26

asym_sam6_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.059+/-0.020 χ^2/NDF : 13.4/11

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

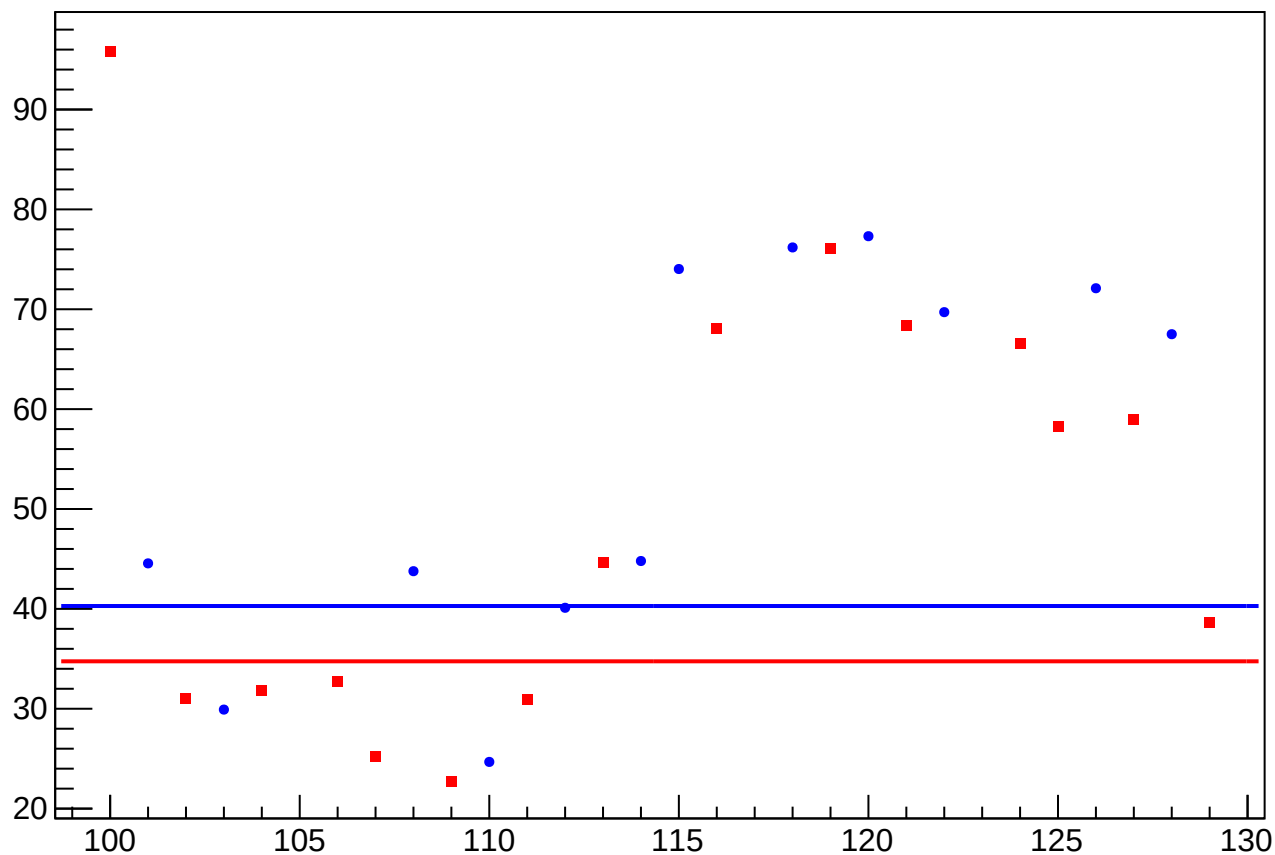
Right: 0.019+/-0.013 χ^2/NDF : 39.8/26

In: 0.059+/-0.020 χ^2/NDF : 13.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.013 χ^2/NDF : 39.8/26

asym_sam6_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.287+/-0.014 χ^2/NDF : 1343069.0/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 34.748+/-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

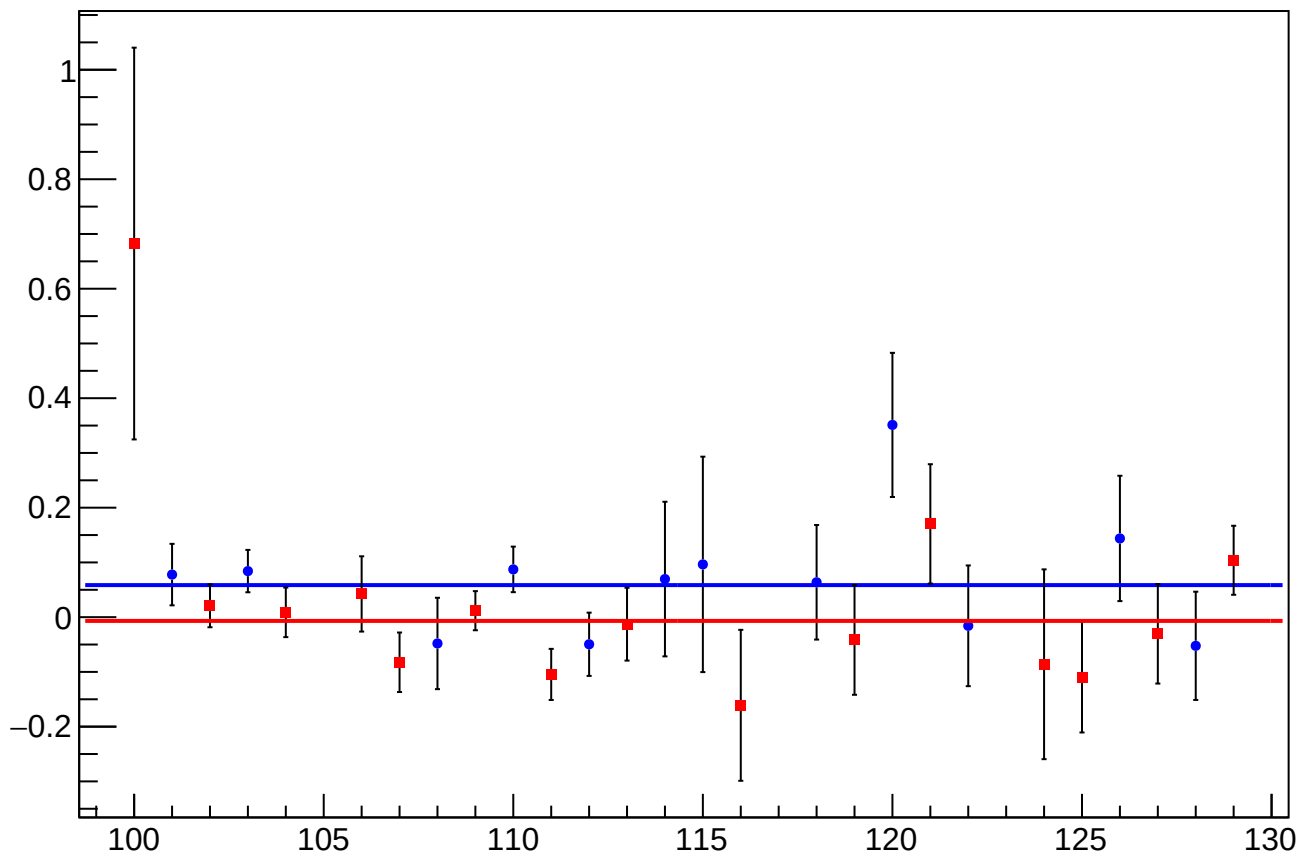
Right: 36.905+/-0.009 χ^2/NDF : 2841511.6/26

In: 40.287+/-0.014 χ^2/NDF :1343069.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 36.905+/-0.009 χ^2/NDF : 2841511.6/26

asym_sam6_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.059+/-0.020 χ^2/NDF : 13.4/11

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

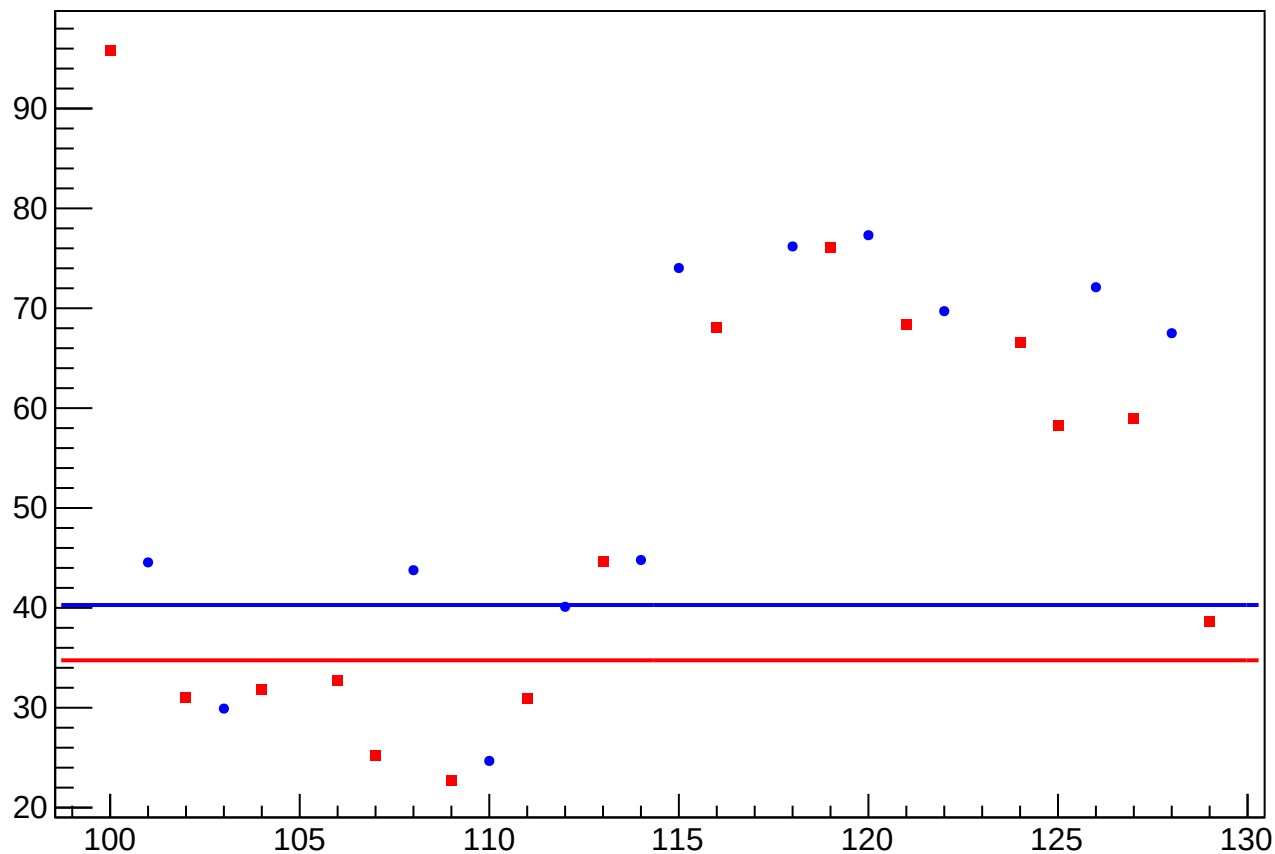
Right: 0.019+/-0.013 χ^2/NDF : 39.8/26

In: 0.059+/-0.020 χ^2/NDF : 13.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.013 χ^2/NDF : 39.8/26

asym_sam6_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.287+/-0.014 χ^2/NDF : 1343069.0/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 34.748+/-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

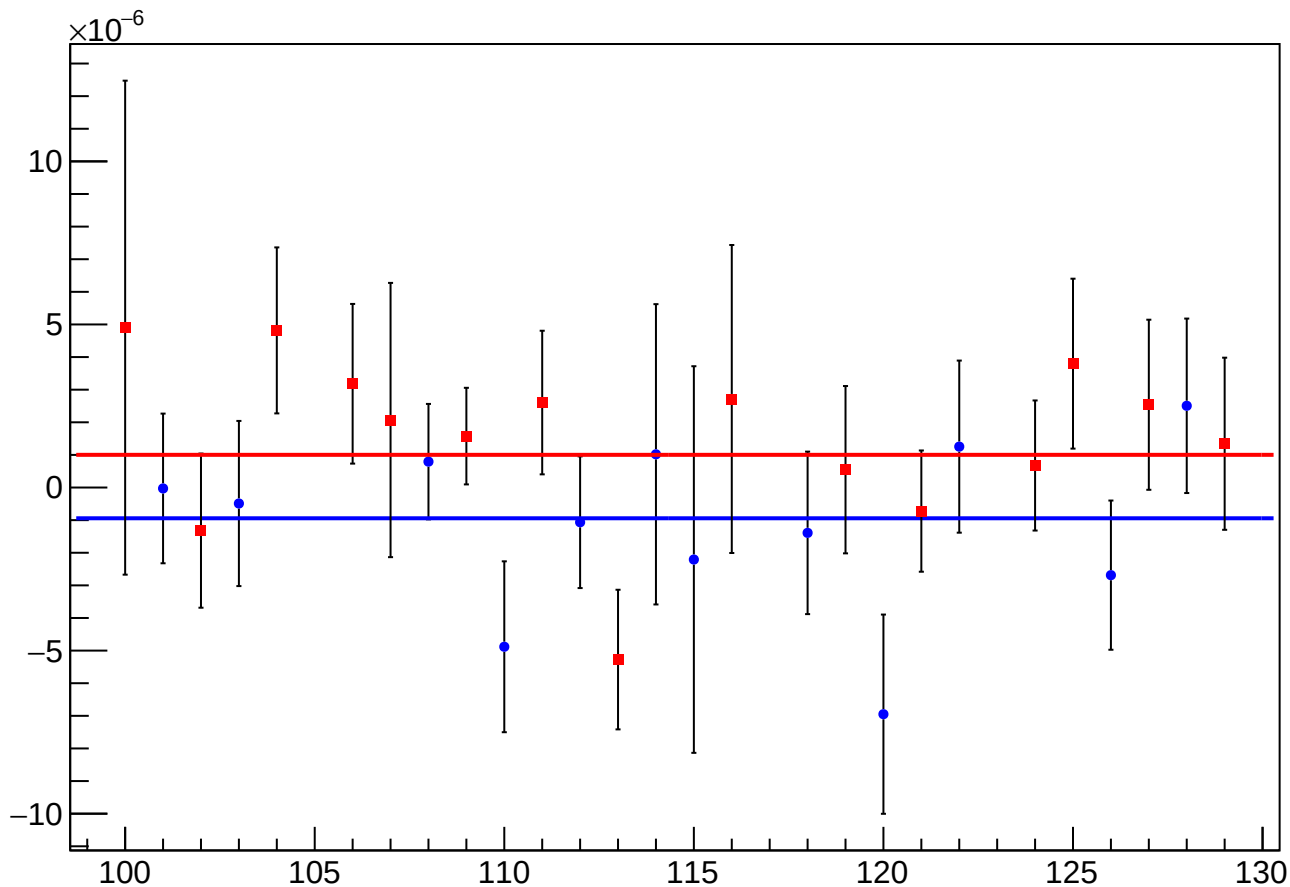
Right: 36.905+/-0.009 χ^2/NDF : 2841511.6/26

In: 40.287+/-0.014 χ^2/NDF :1343069.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 36.905+/-0.009 χ^2/NDF : 2841511.6/26

asym_sam6_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

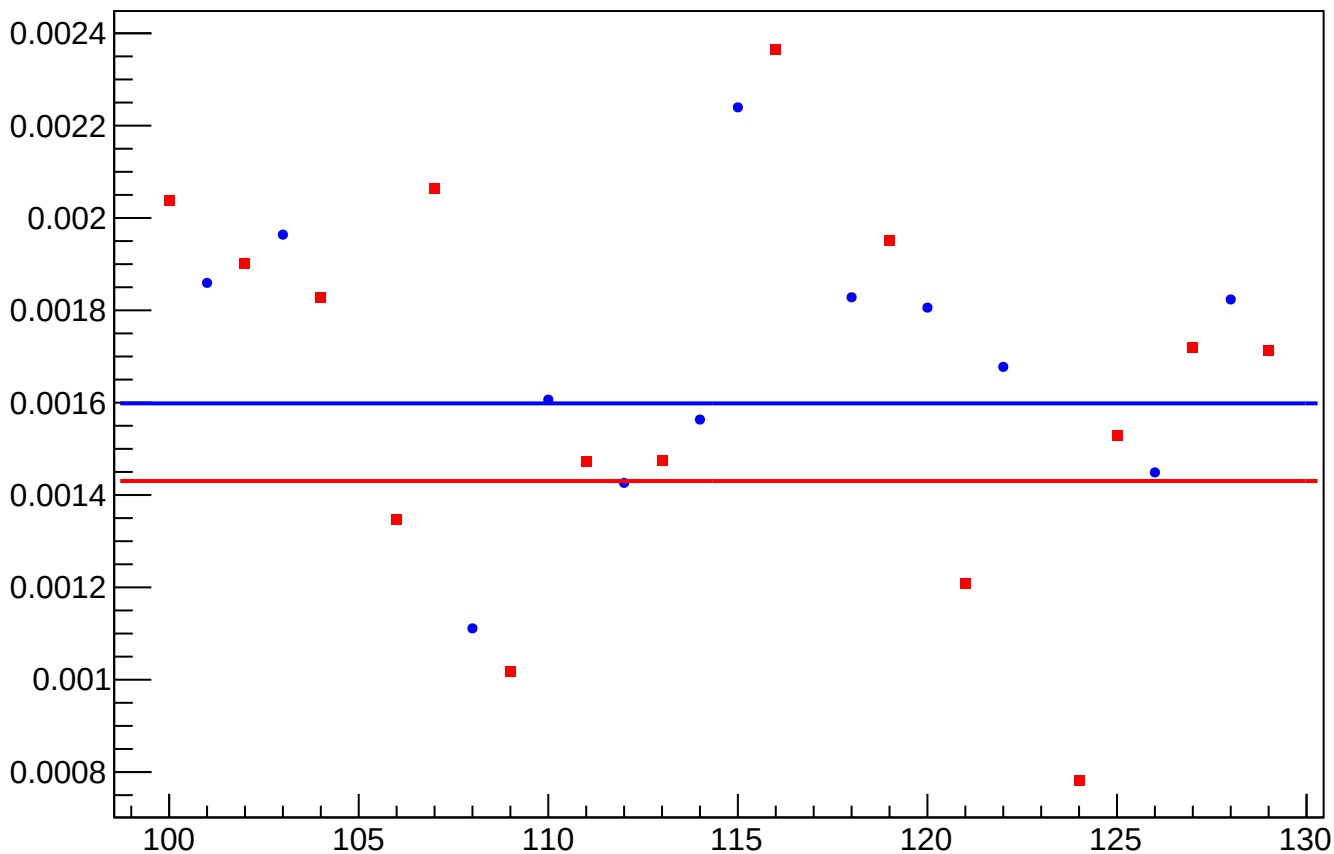
Right: 0.000+/-0.000 χ^2/NDF : 30.8/26

In: -0.000+/-0.000 χ^2/NDF : 10.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.8/26

asym_sam6_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 307948.3/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 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

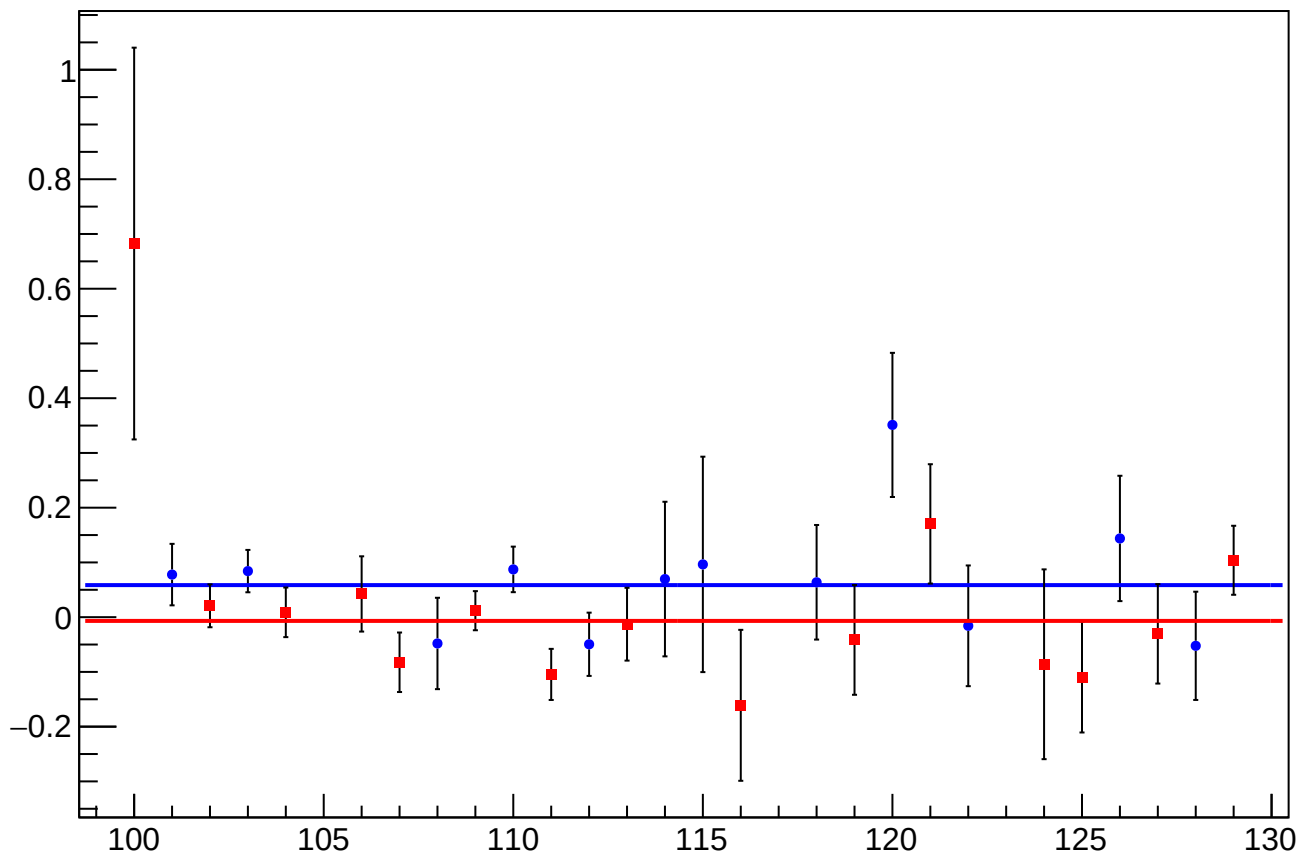
Right: 0.002+/-0.000 χ^2/NDF : 1166373.3/26

In: 0.002+/-0.000 χ^2/NDF :307948.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1166373.3/26

asym_sam6_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.059+/-0.020 χ^2/NDF : 13.4/11

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

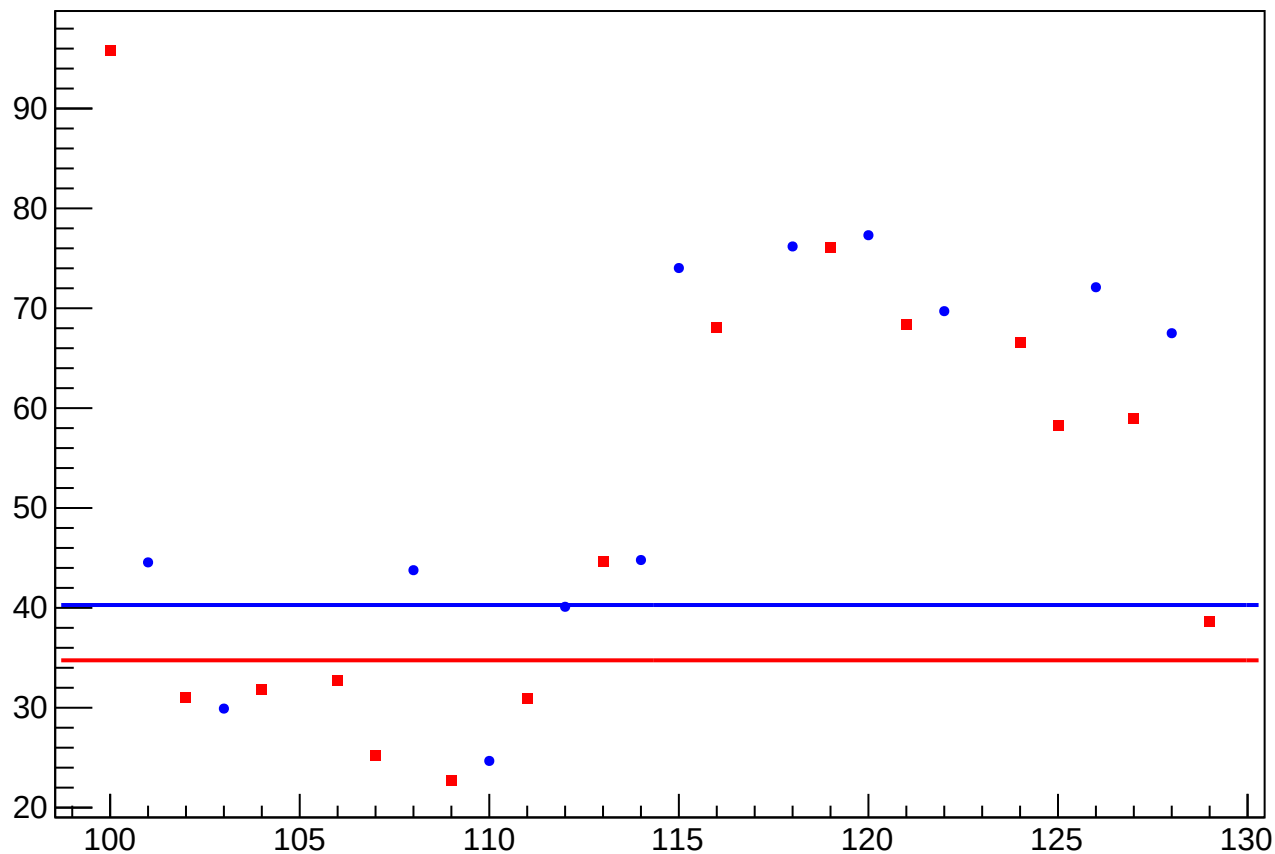
Right: 0.019+/-0.013 χ^2/NDF : 39.8/26

In: 0.059+/-0.020 χ^2/NDF : 13.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.013 χ^2/NDF : 39.8/26

asym_sam6_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.286+/-0.014 χ^2/NDF : 1343076.5/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 34.748+/-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

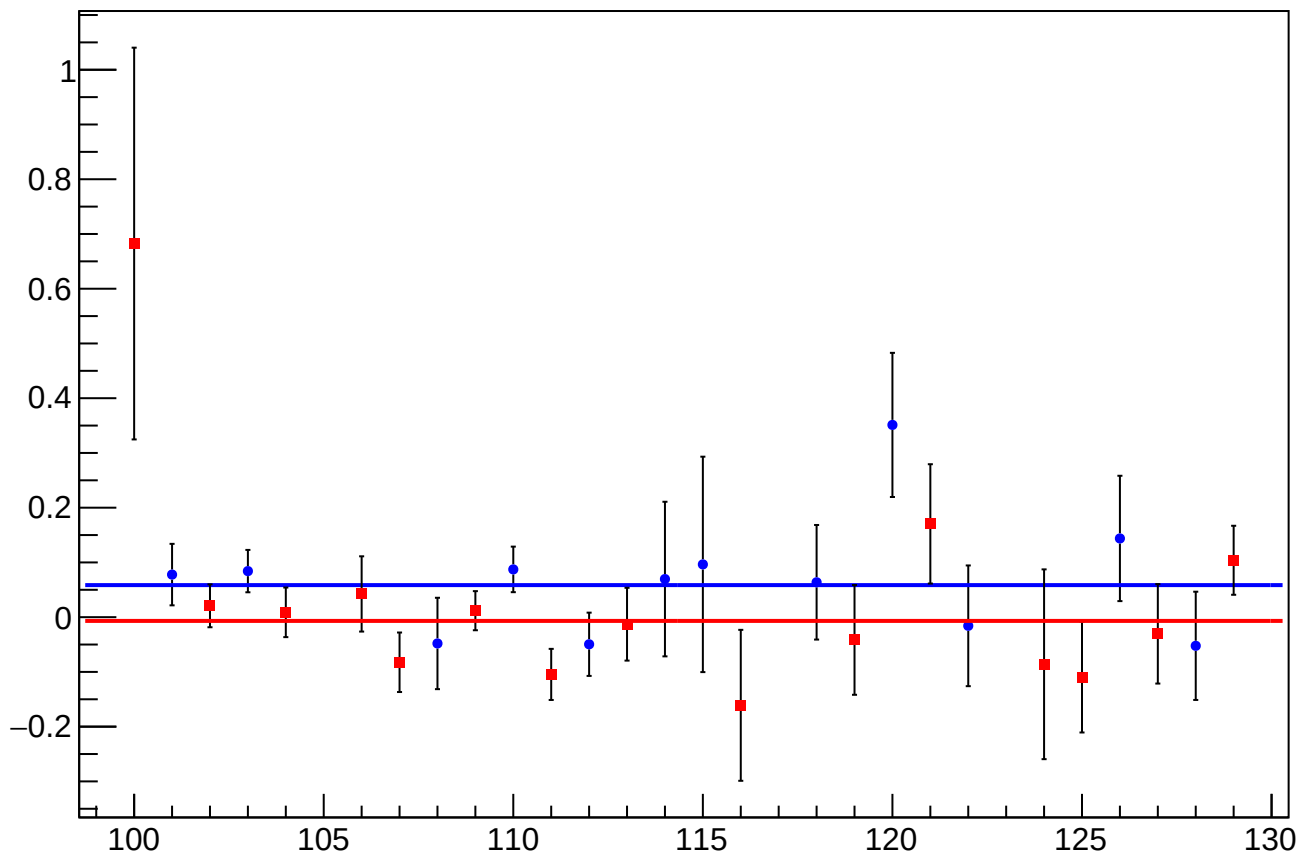
Right: 36.905+/-0.009 χ^2/NDF : 2841508.3/26

In: 40.286+/-0.014 χ^2/NDF :1343076.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 36.905+/-0.009 χ^2/NDF : 2841508.3/26

asym_sam6_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.059+/-0.020 χ^2/NDF : 13.4/11

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

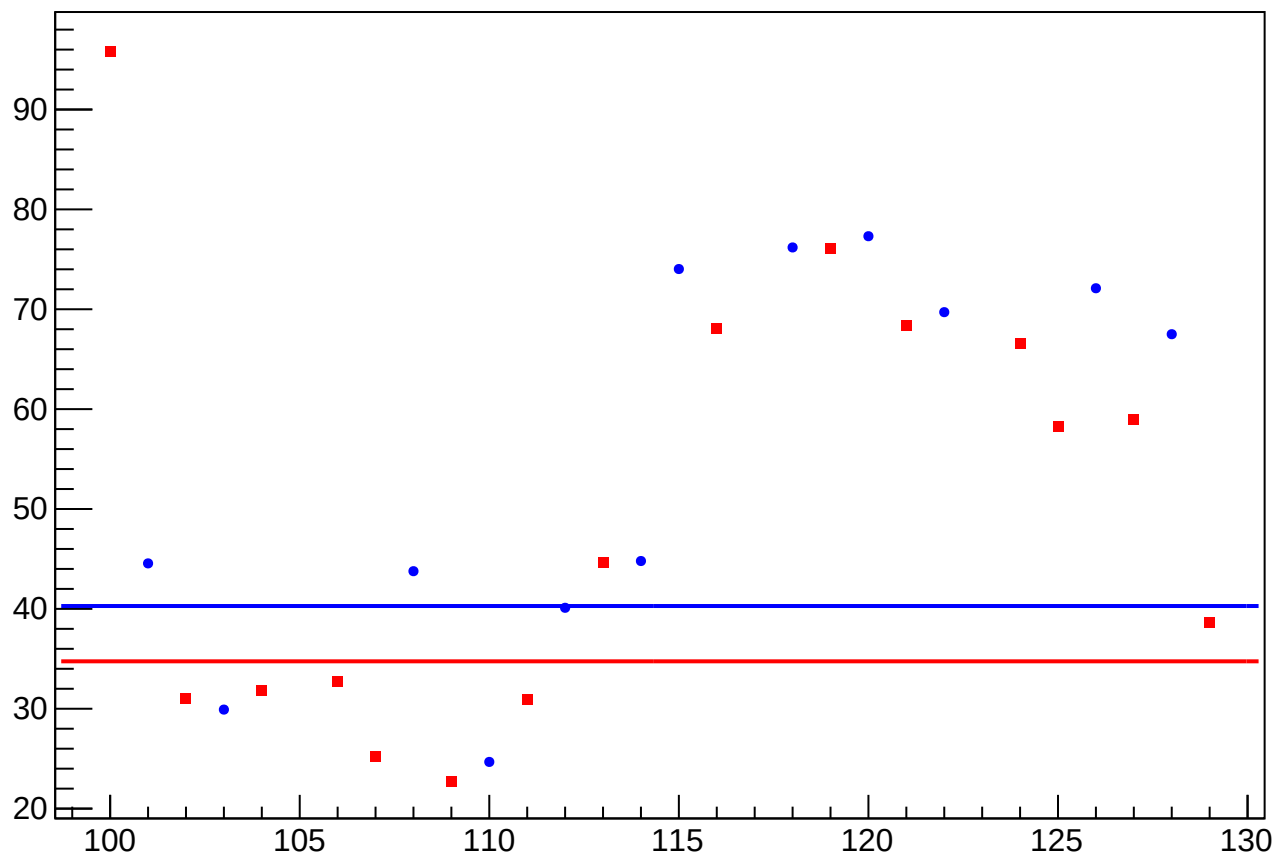
Right: 0.019+/-0.013 χ^2/NDF : 39.8/26

In: 0.059+/-0.020 χ^2/NDF : 13.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.013 χ^2/NDF : 39.8/26

asym_sam6_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.286+/-0.014 χ^2/NDF : 1343076.5/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 34.748+/-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

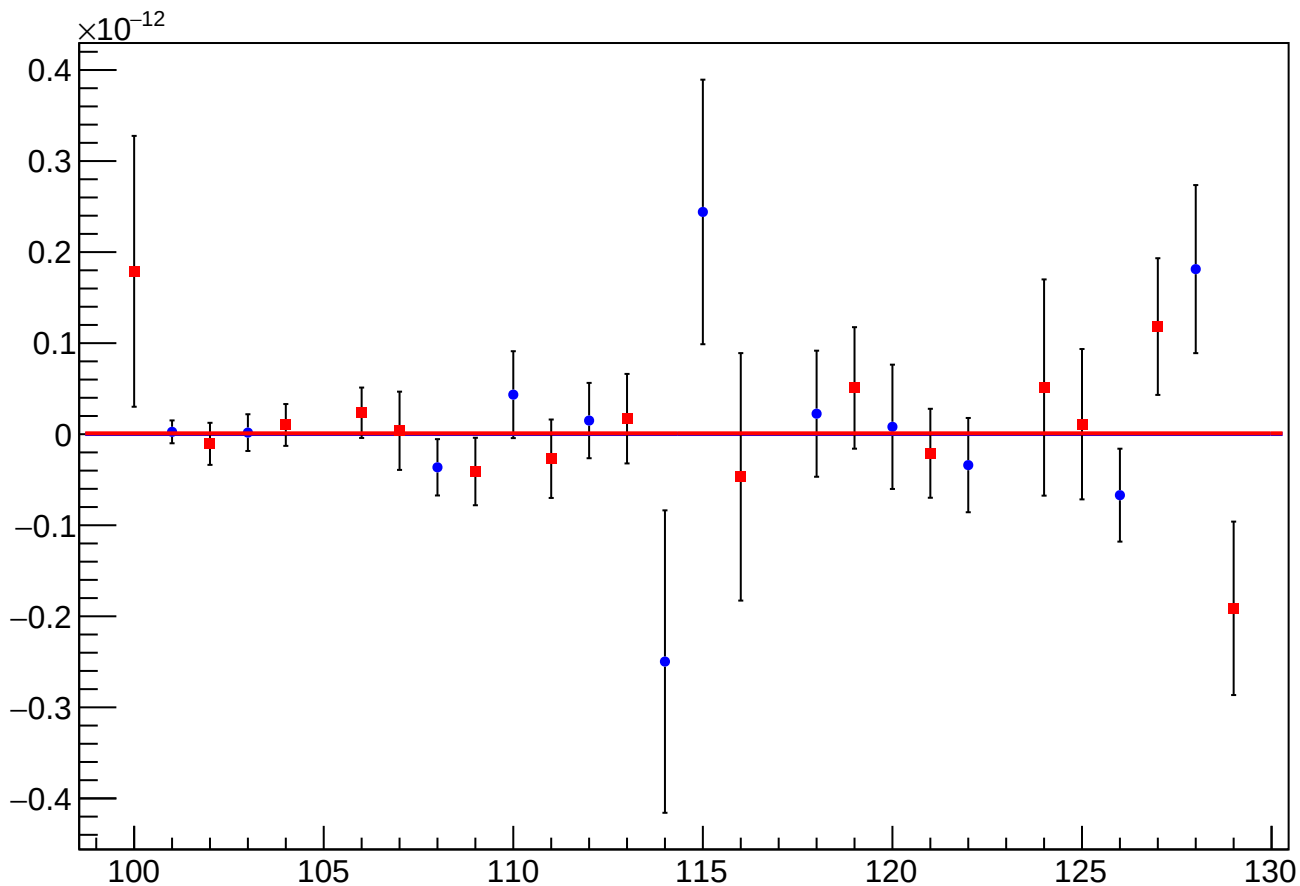
Right: 36.905+/-0.009 χ^2/NDF : 2841508.3/26

In: 40.286+/-0.014 χ^2/NDF :1343076.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 36.905+/-0.009 χ^2/NDF : 2841508.3/26

asym_sam6_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.9/14

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

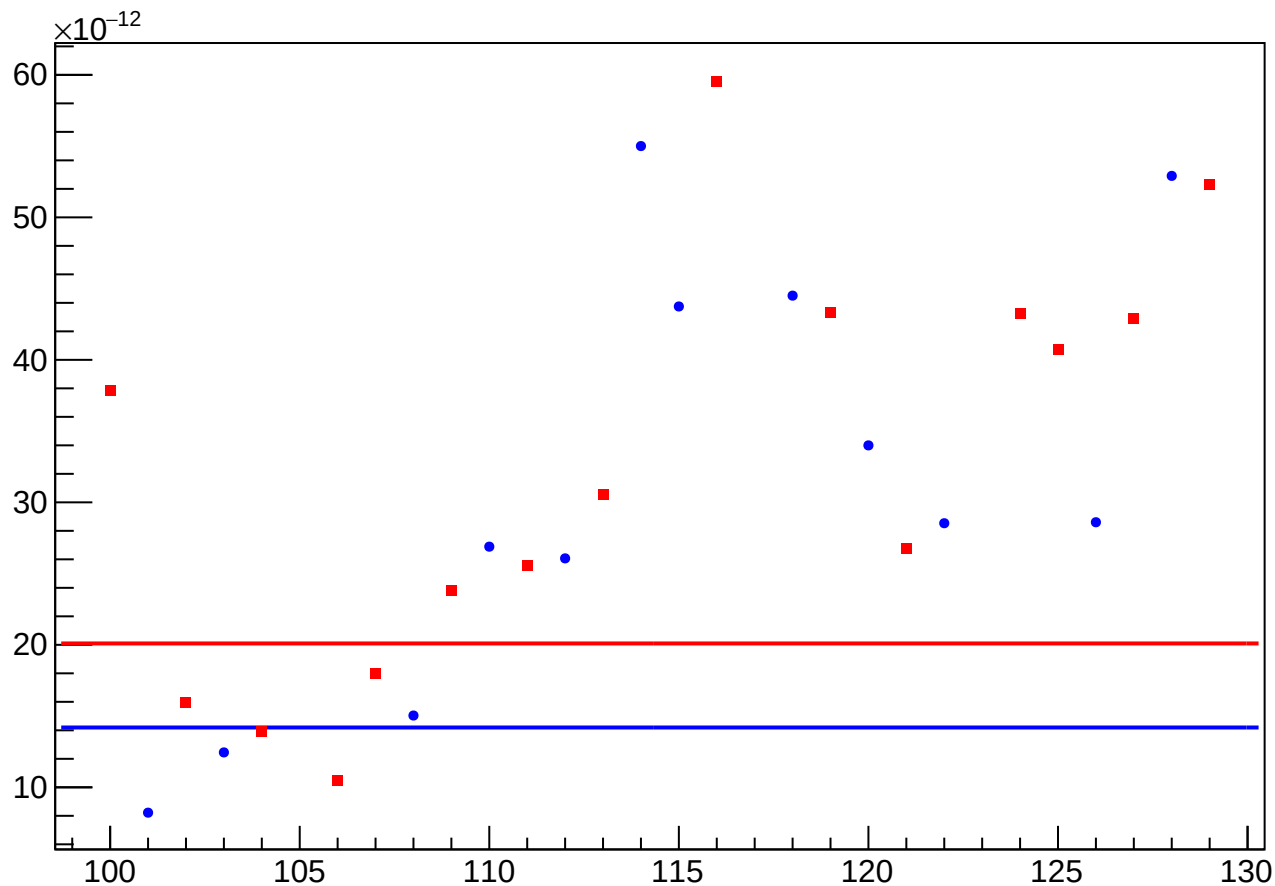
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 25.5/26

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 25.5/26

asym_sam6_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2195869.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

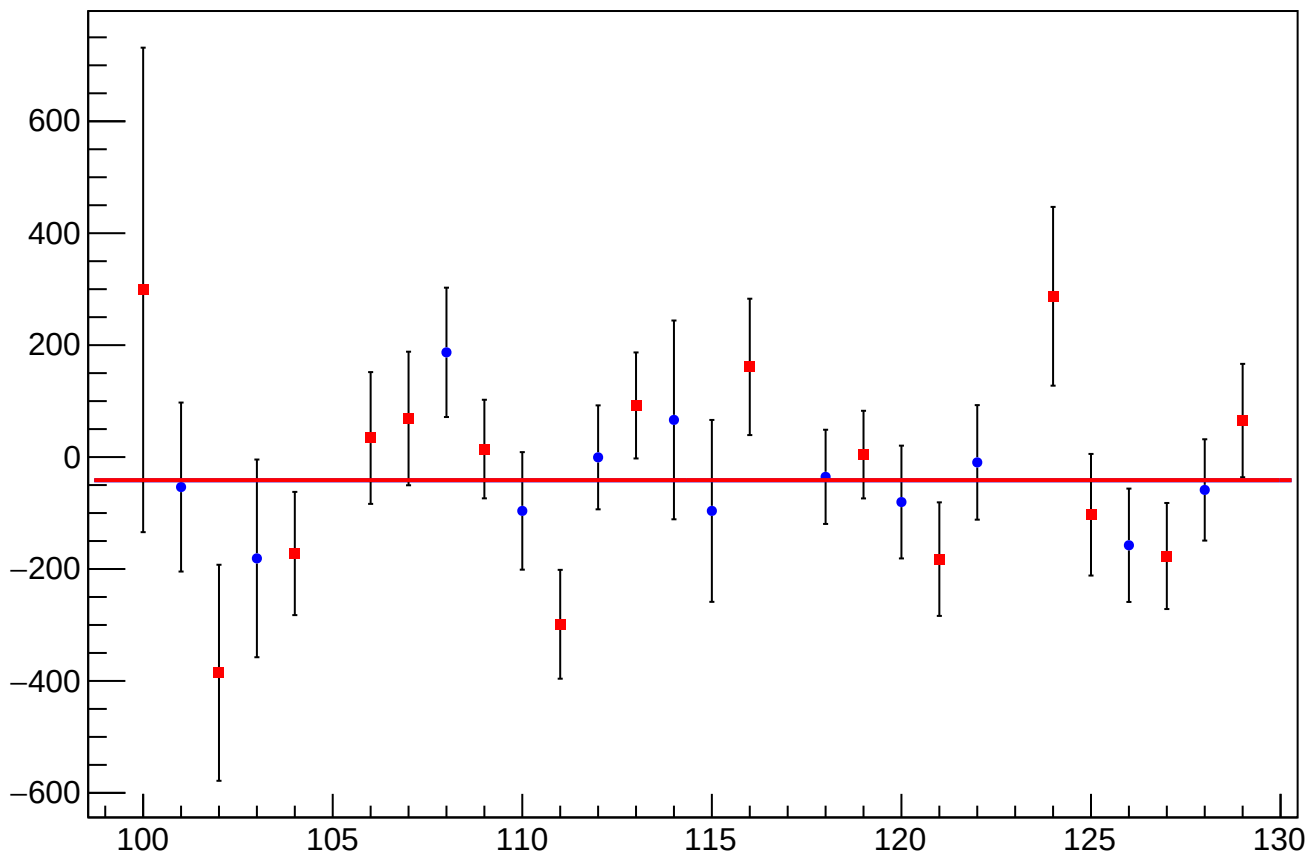
Right: 0.000+/-0.000 χ^2/NDF : 4235800.1/26

In: 0.000+/-0.000 χ^2/NDF : 2195869.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4235800.1/26

reg_asym_sam7_mean vs Slug, Sign Corrected



Right In: -41.559+/-31.916 χ^2/NDF : 7.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

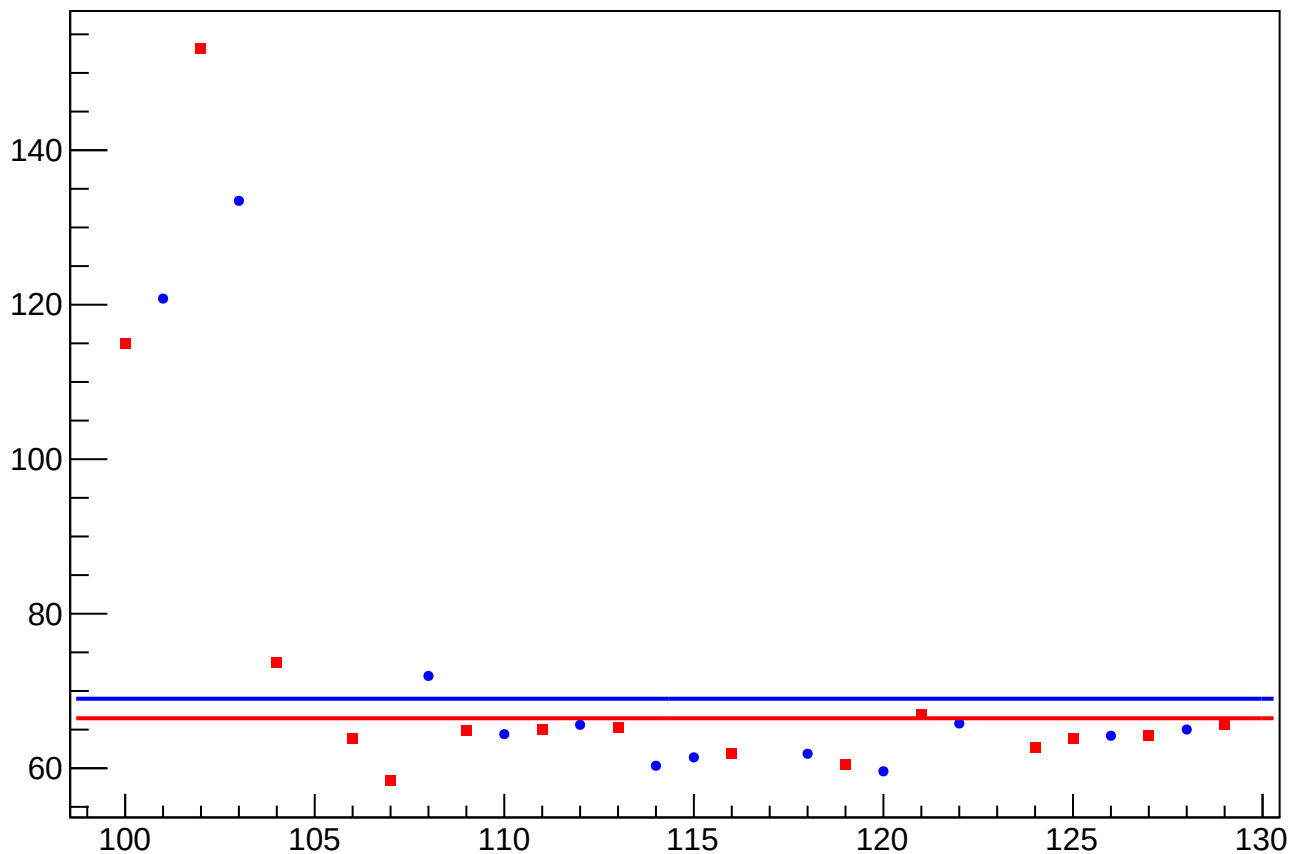
Right: -41.360+/-21.104 χ^2/NDF : 35.7/26

In: -41.559+/-31.916 χ^2/NDF : 7.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.360+/-21.104 χ^2/NDF : 35.7/26

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 68.996 $\pm$ 0.023 χ^2 /NDF: 560597.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 66.469 $\pm$ 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

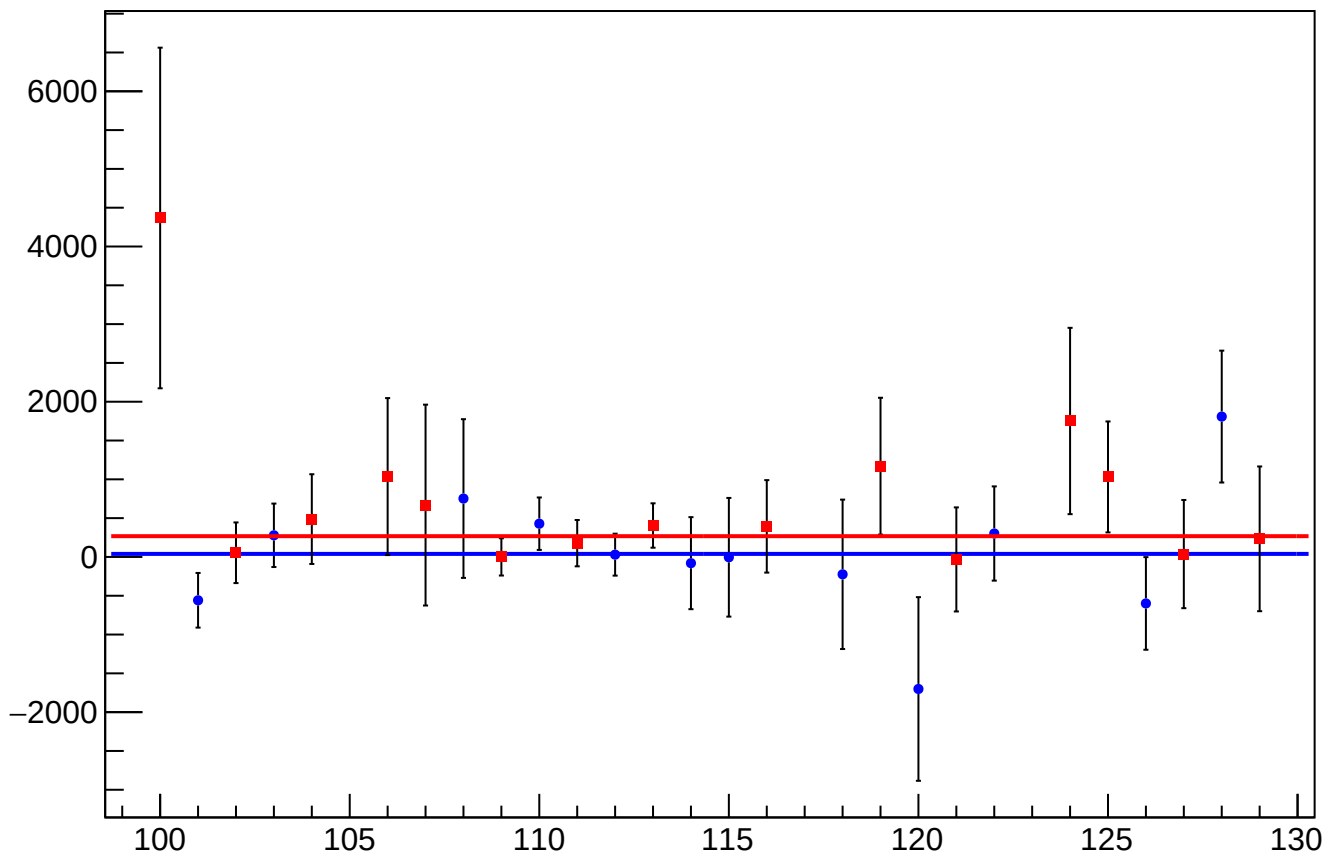
Right: 67.574 $\pm$ 0.015 χ^2 /NDF: 1034193.8/26

In: 68.996 $\pm$ 0.023 χ^2 /NDF:560597.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 67.574 $\pm$ 0.015 χ^2 /NDF: 1034193.8/26

asym_sam7_reg_correction_mean vs Slug, Sign Corrected



Right In: 39.189+/-140.421 χ^2/NDF : 13.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

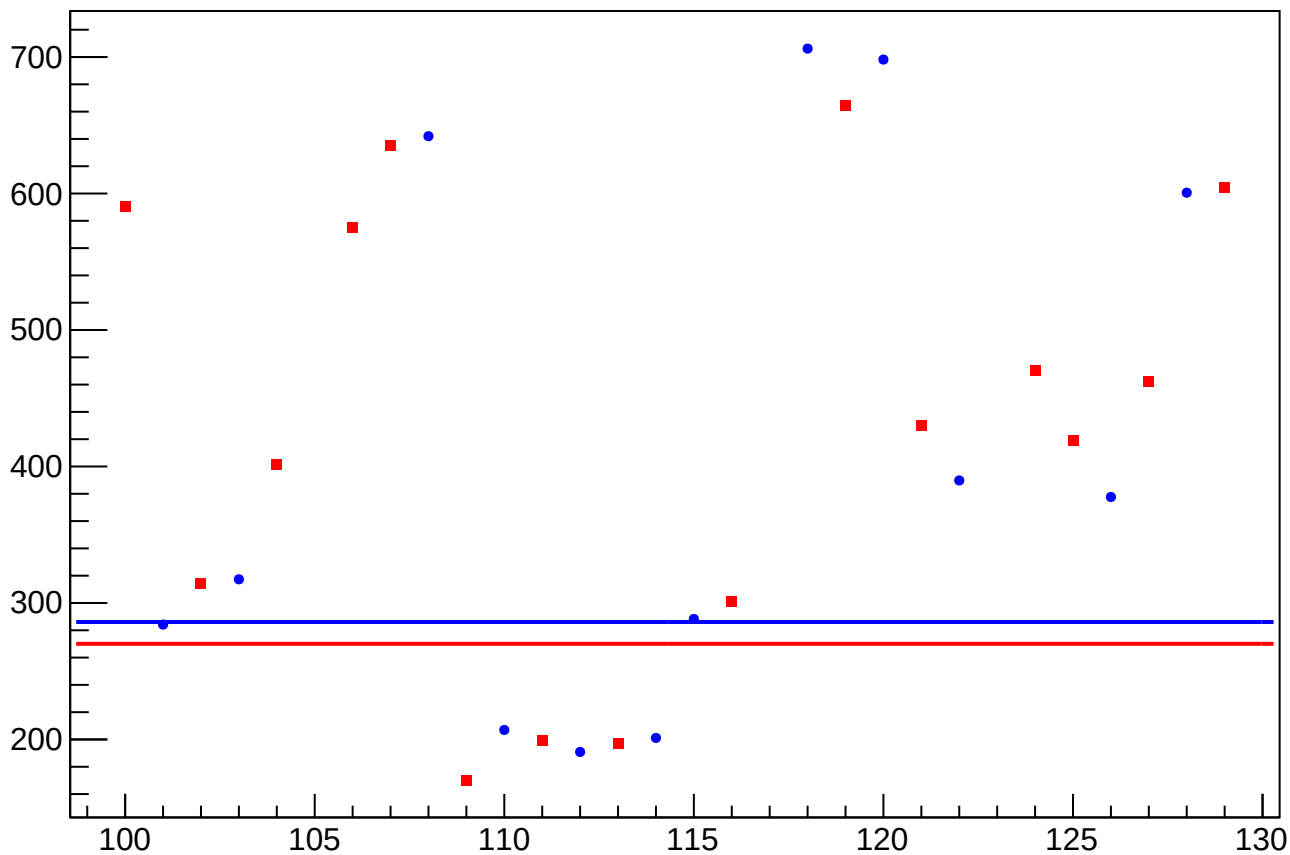
Right: 166.852+/-93.236 χ^2/NDF : 24.7/26

In: 39.189+/-140.421 χ^2/NDF : 13.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.852+/-93.236 χ^2/NDF : 24.7/26

asym_sam7_reg_correction_rms vs Slug, Sign Corrected



Right In: 286.077+/-0.099 χ^2/NDF : 1656038.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

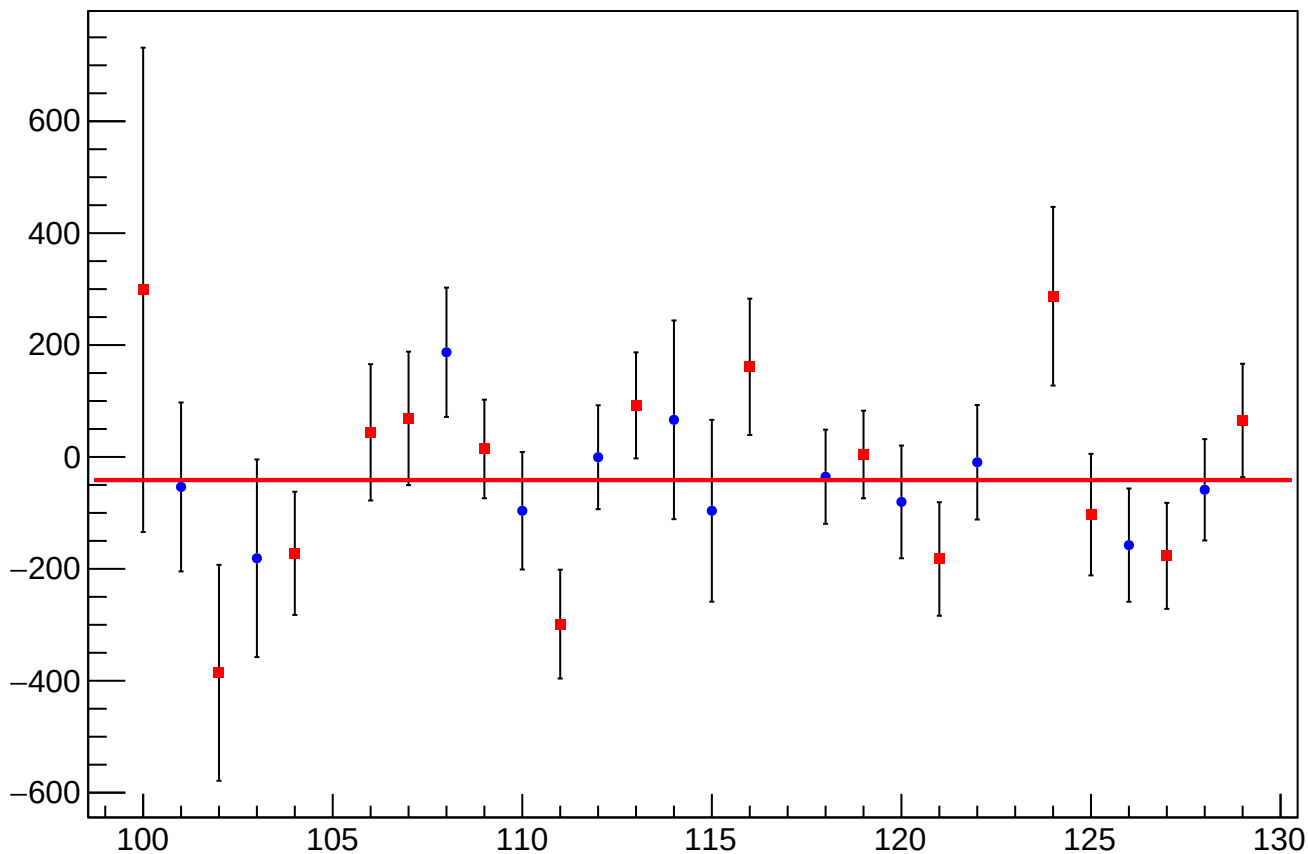
Right: 277.142+/-0.066 χ^2/NDF : 3845686.6/26

In: 286.077+/-0.099 χ^2/NDF : 1656038.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 277.142+/-0.066 χ^2/NDF : 3845686.6/26

cor_asym_sam7_mean vs Slug, Sign Corrected



Right In: -41.559+/-31.916 χ^2/NDF : 7.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

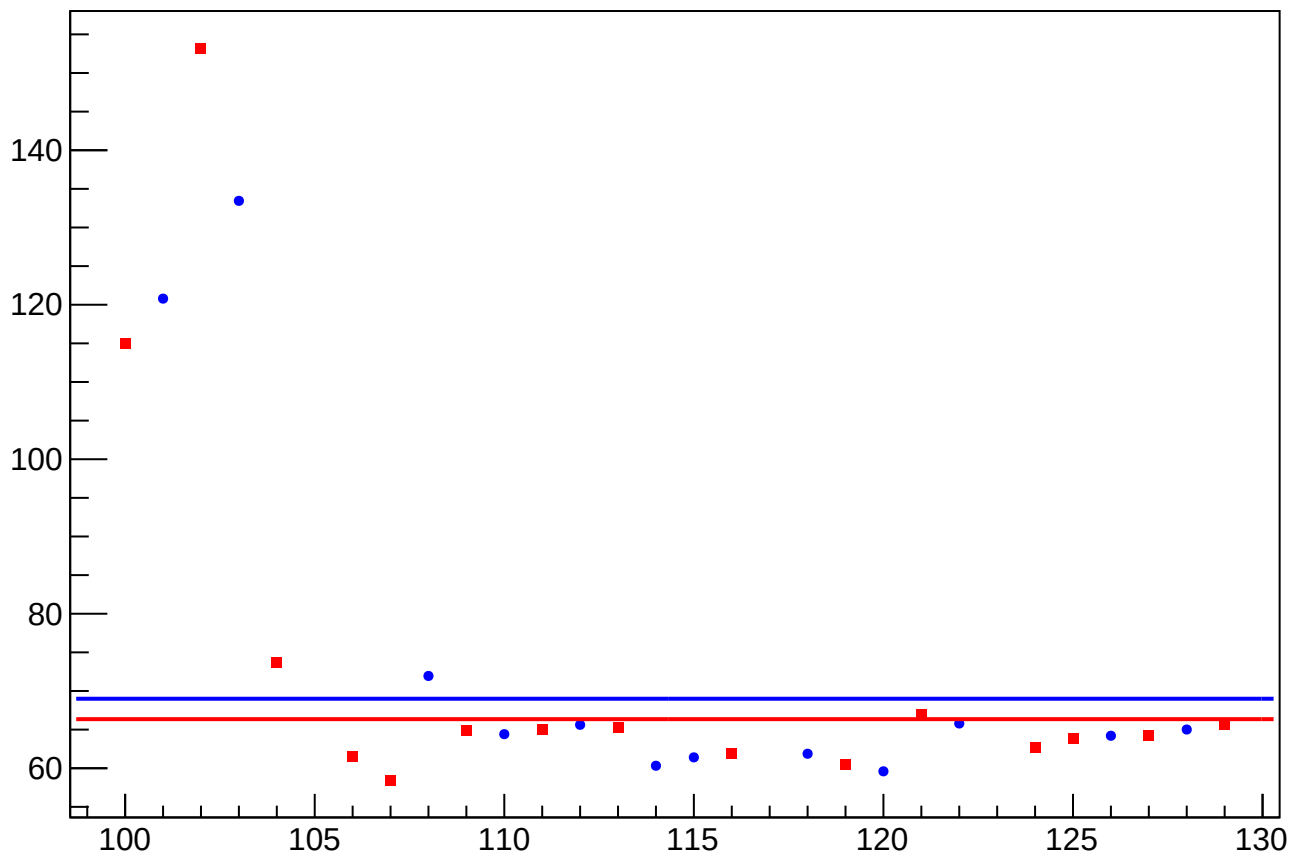
Right: -41.222+/-21.126 χ^2/NDF : 35.8/26

In: -41.559+/-31.916 χ^2/NDF : 7.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.222+/-21.126 χ^2/NDF : 35.8/26

cor_asym_sam7_rms vs Slug, Sign Corrected



Right In: 68.996 $\pm$ 0.023 χ^2 /NDF: 560597.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 66.353 $\pm$ 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

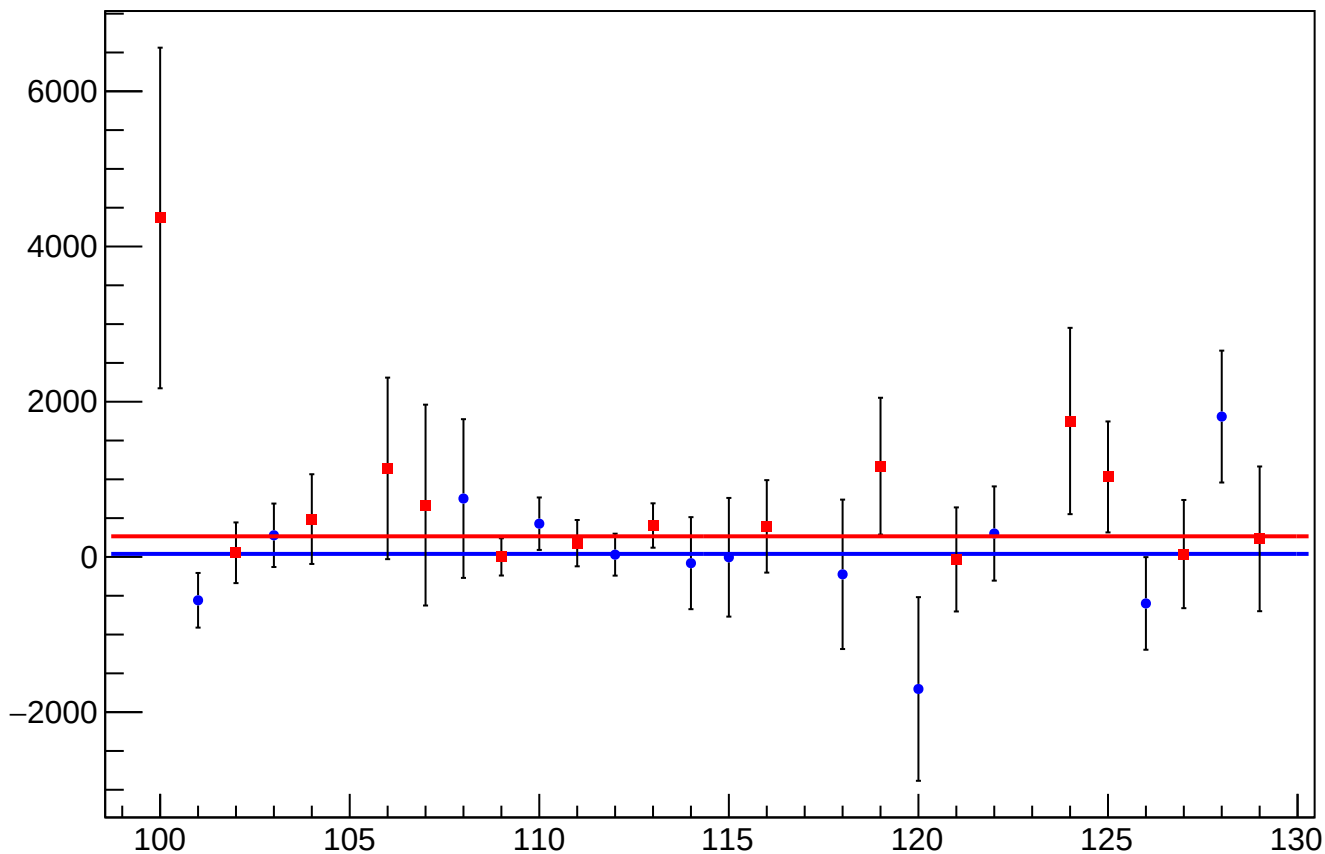
Right: 67.511 $\pm$ 0.015 χ^2 /NDF: 1037154.4/26

In: 68.996 $\pm$ 0.023 χ^2 /NDF:560597.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 67.511 $\pm$ 0.015 χ^2 /NDF: 1037154.4/26

asym_sam7_cor_correction_mean vs Slug, Sign Corrected



Right In: 39.196+/-140.422 χ^2/NDF : 13.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

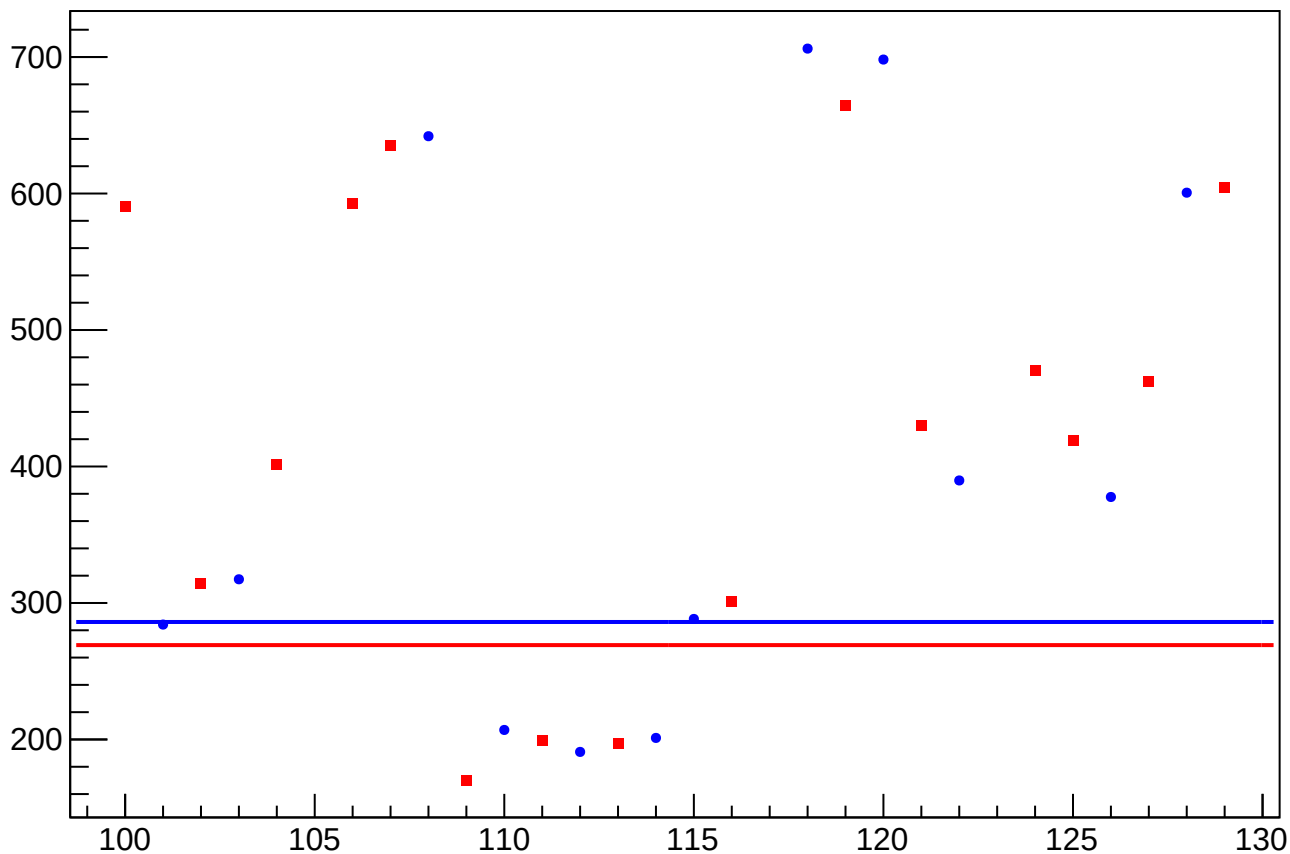
Right: 165.666+/-93.339 χ^2/NDF : 24.7/26

In: 39.196+/-140.422 χ^2/NDF : 13.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.666+/-93.339 χ^2/NDF : 24.7/26

asym_sam7_cor_correction_rms vs Slug, Sign Corrected



Right In: 286.079+/-0.099 χ^2/NDF : 1656054.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

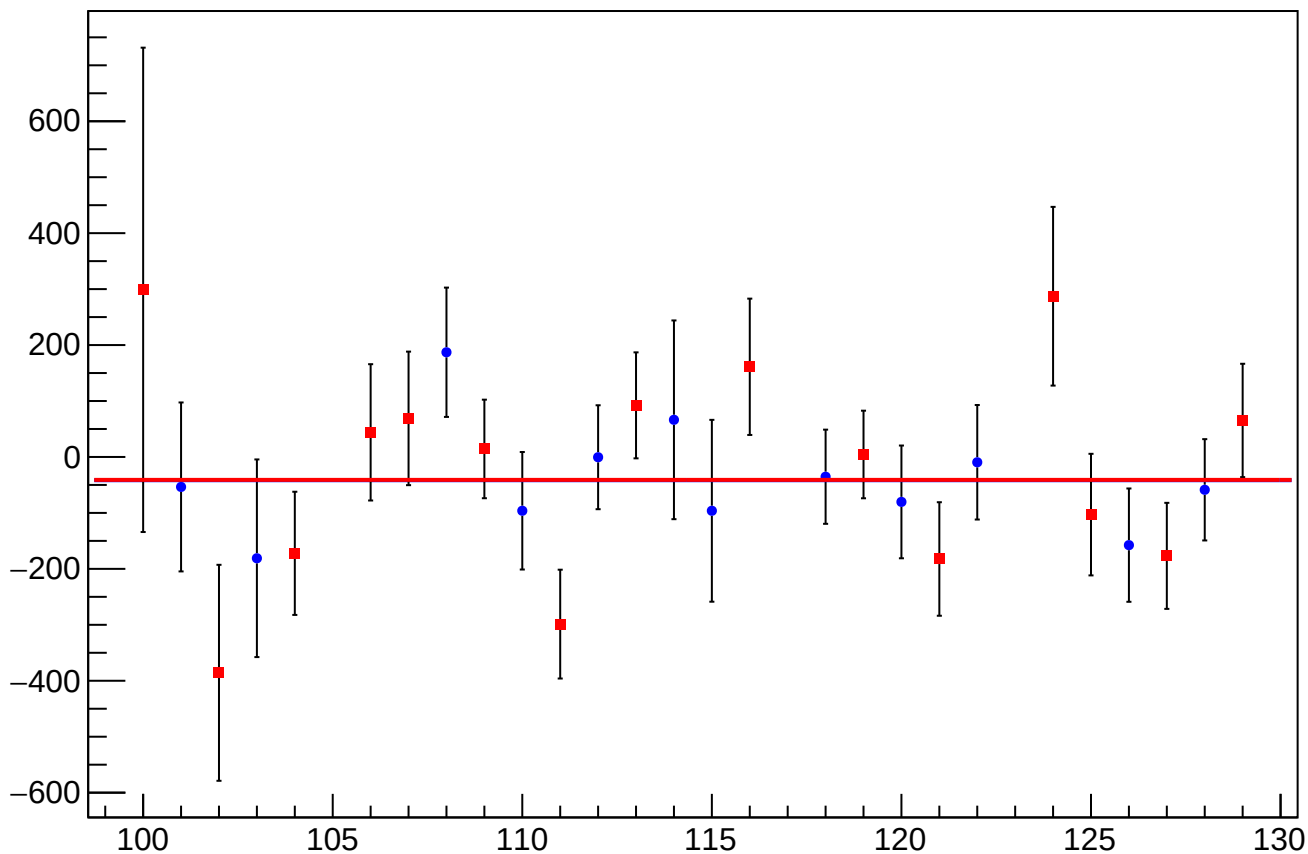
Right: 276.623+/-0.066 χ^2/NDF : 3818033.9/26

In: 286.079+/-0.099 χ^2/NDF : 1656054.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 276.623+/-0.066 χ^2/NDF : 3818033.9/26

eigen_cor_asym_sam7_mean vs Slug, Sign Corrected



Right In: -41.559+/-31.916 χ^2/NDF : 7.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

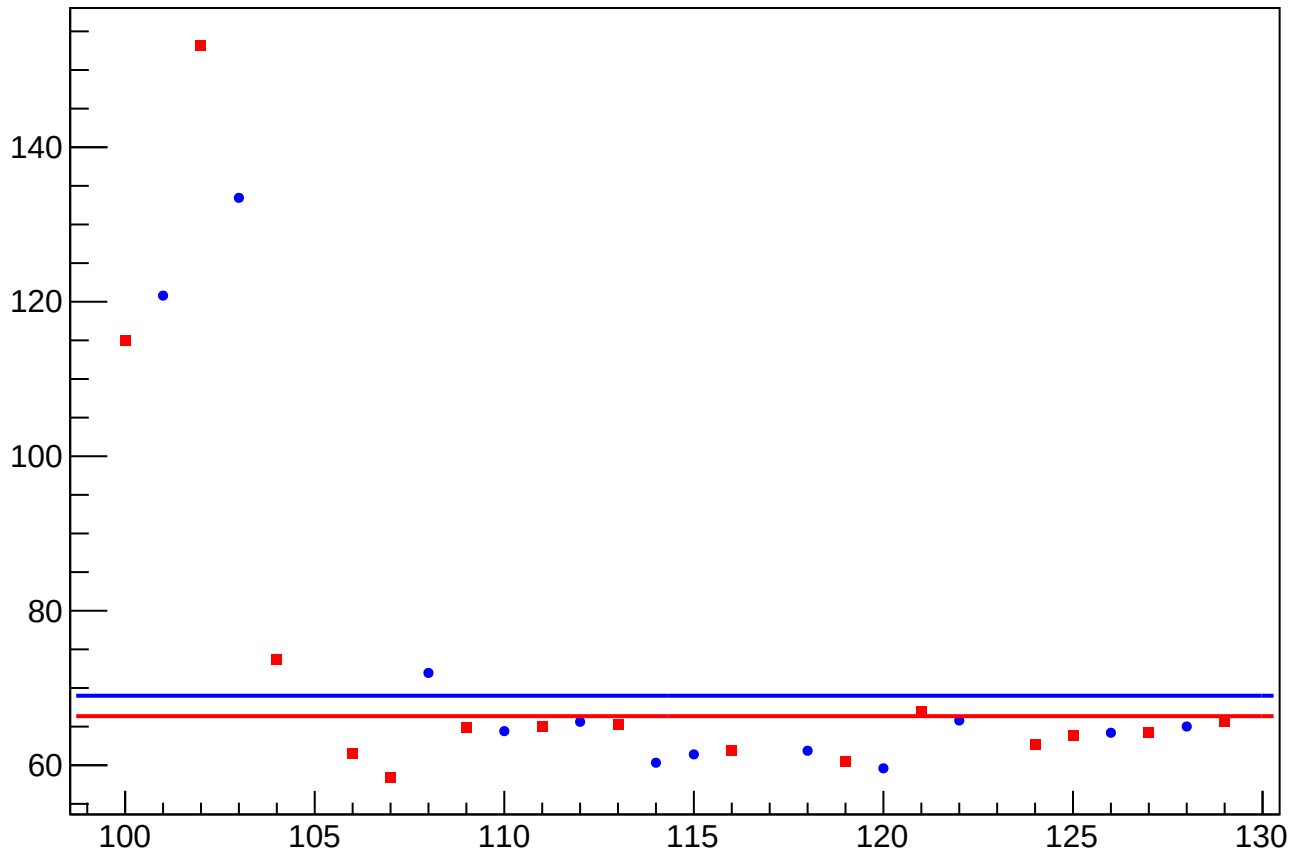
Right: -41.222+/-21.126 χ^2/NDF : 35.8/26

In: -41.559+/-31.916 χ^2/NDF : 7.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.222+/-21.126 χ^2/NDF : 35.8/26

eigen_cor_asym_sam7_rms vs Slug, Sign Corrected



Right In: 68.996 $\pm$ 0.023 χ^2 /NDF: 560597.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 66.353 $\pm$ 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

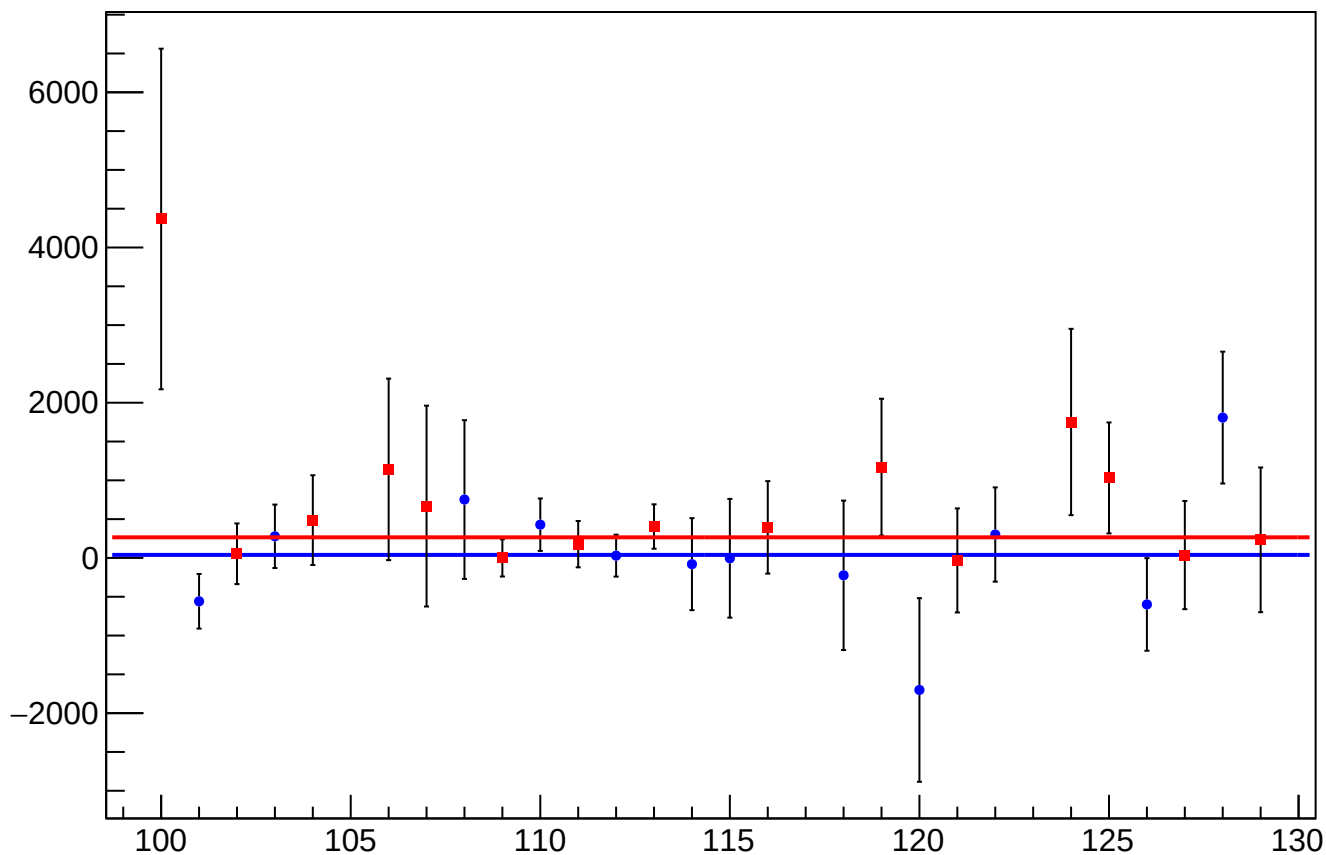
Right: 67.511 $\pm$ 0.015 χ^2 /NDF: 1037154.4/26

In: 68.996 $\pm$ 0.023 χ^2 /NDF:560597.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 67.511 $\pm$ 0.015 χ^2 /NDF: 1037154.4/26

asym_sam7_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 39.196+/-140.422 χ^2/NDF : 13.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

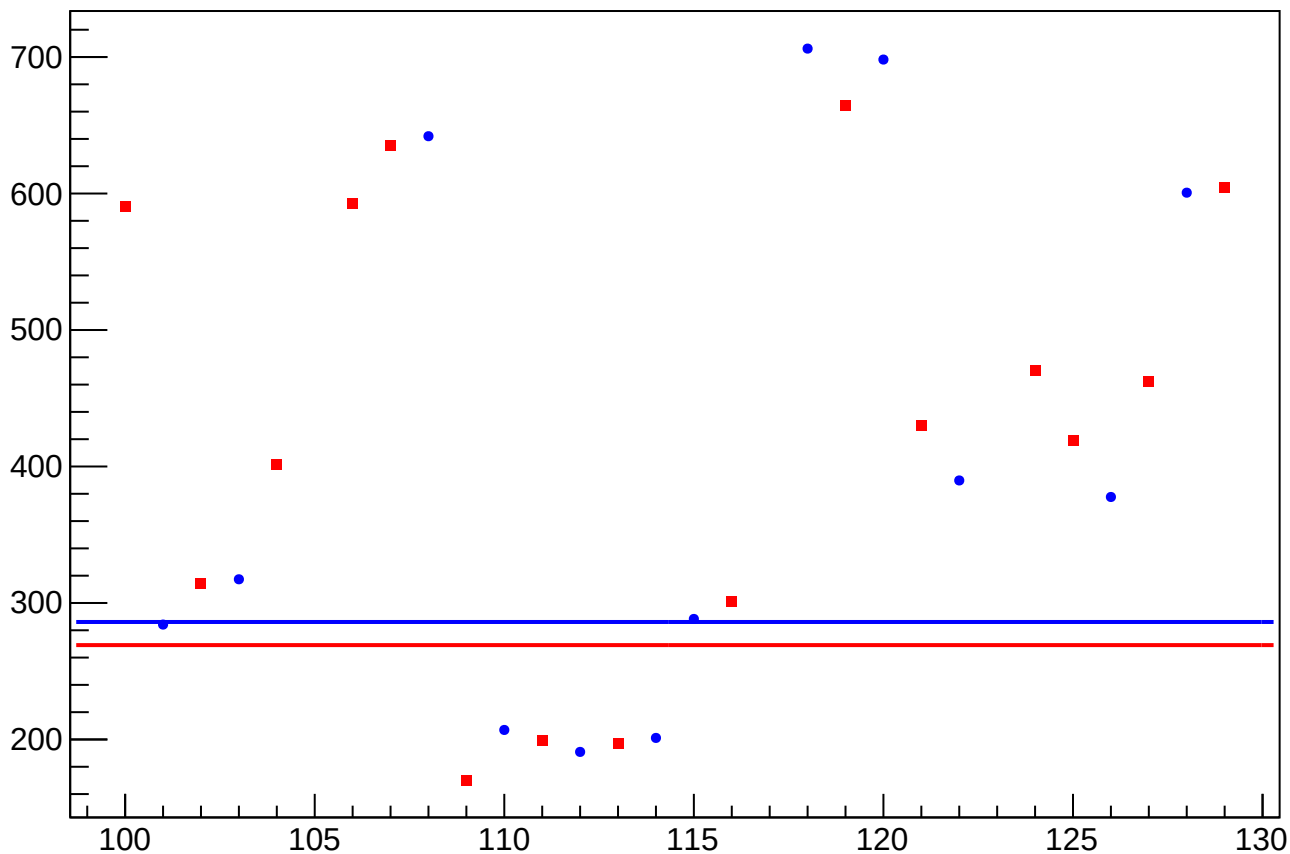
Right: 165.666+/-93.339 χ^2/NDF : 24.7/26

In: 39.196+/-140.422 χ^2/NDF : 13.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.666+/-93.339 χ^2/NDF : 24.7/26

asym_sam7_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 286.079+/-0.099 χ^2/NDF : 1656054.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

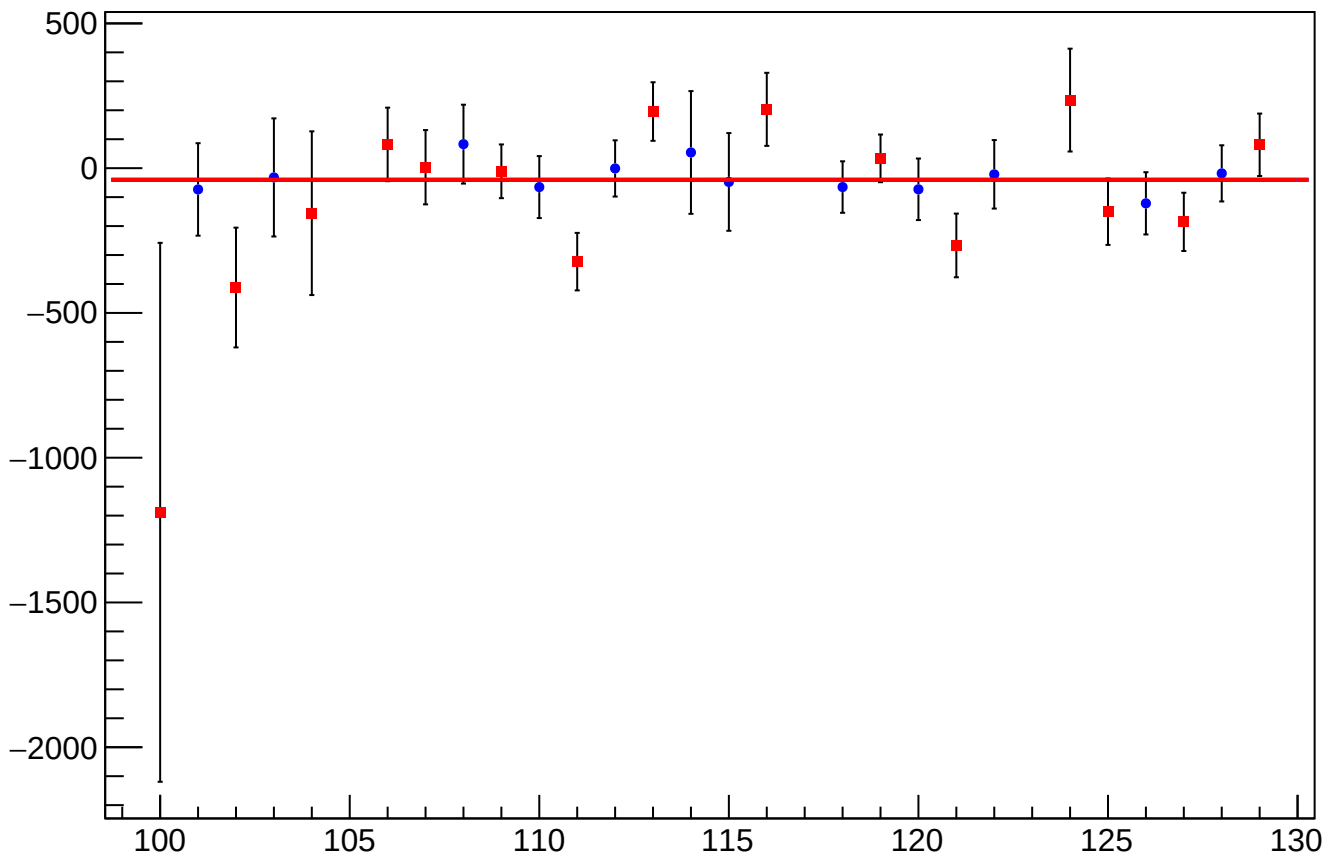
Right: 276.623+/-0.066 χ^2/NDF : 3818033.9/26

In: 286.079+/-0.099 χ^2/NDF : 1656054.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 276.623+/-0.066 χ^2/NDF : 3818033.9/26

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -40.235 ± 34.358 χ^2/NDF : 2.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

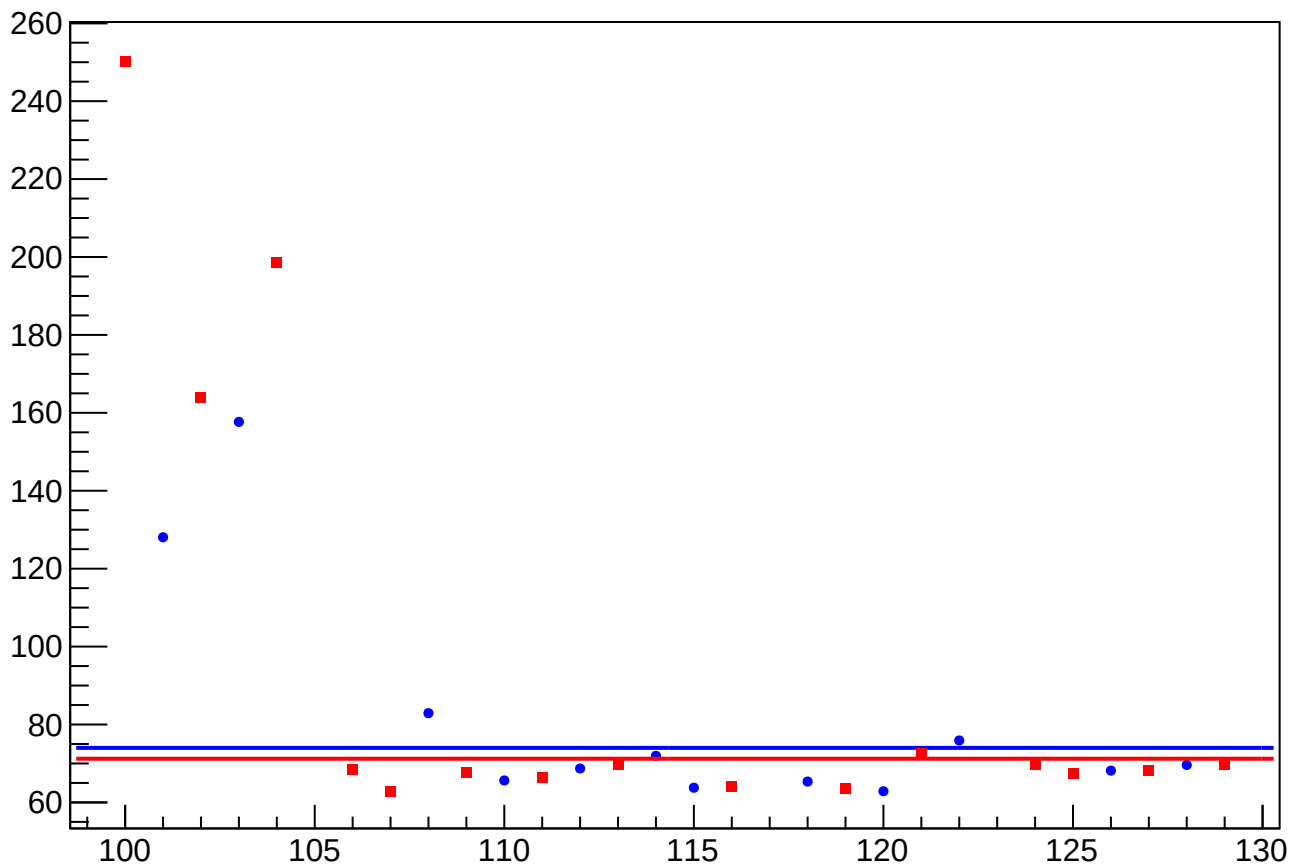
Right: -40.003 ± 22.895 χ^2/NDF : 37.2/26

In: -40.235 ± 34.358 χ^2/NDF : 2.1/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -40.003 ± 22.895 χ^2/NDF : 37.2/26

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 74.004 $\pm$ 0.024 χ^2 /NDF: 651449.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 71.220 $\pm$ 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

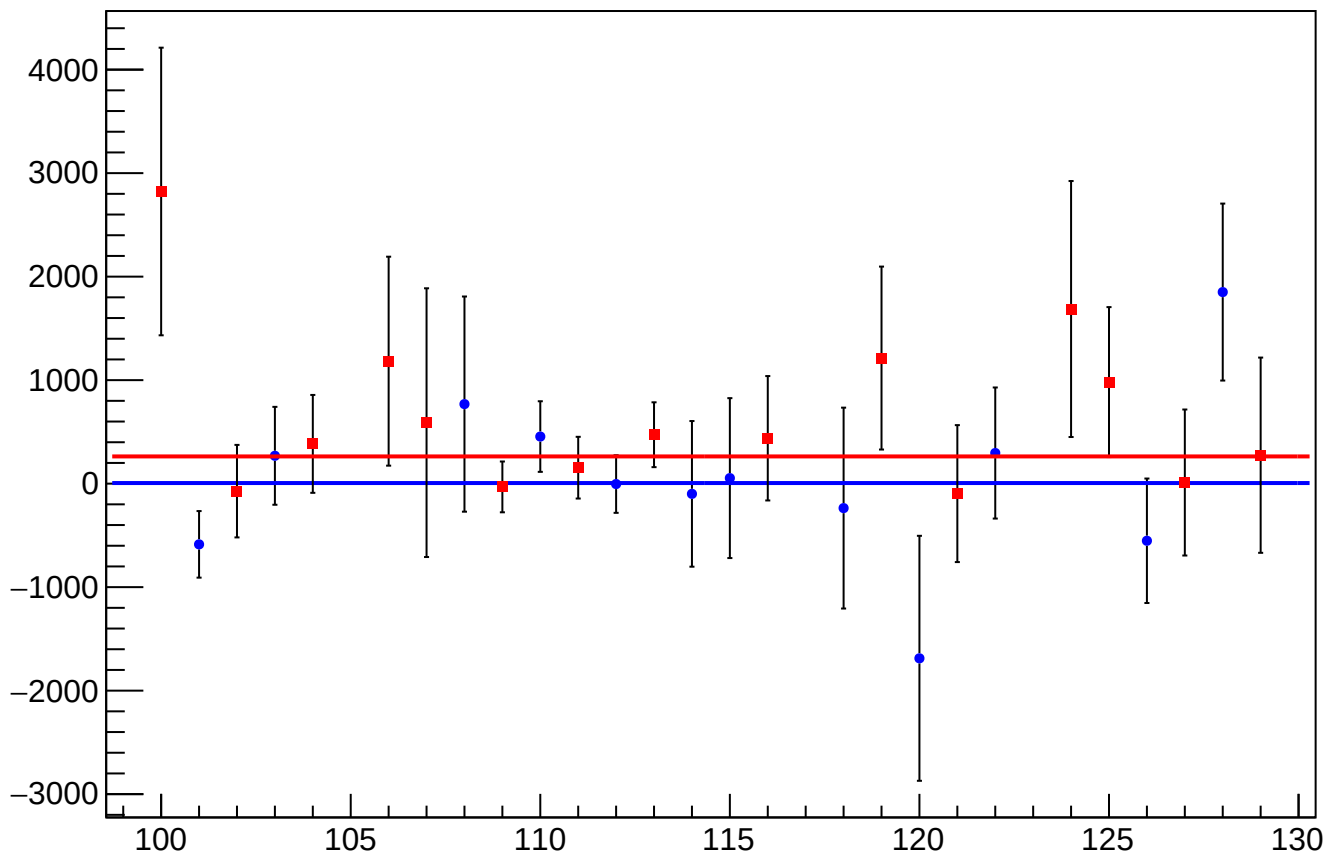
Right: 72.456 $\pm$ 0.016 χ^2 /NDF: 1586978.7/26

In: 74.004 $\pm$ 0.024 χ^2 /NDF:651449.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 72.456 $\pm$ 0.016 χ^2 /NDF: 1586978.7/26

asym_sam7_dit_correction_mean vs Slug, Sign Corrected



Right In: 5.769+/-143.338 χ^2/NDF : 13.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 262.924+/-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

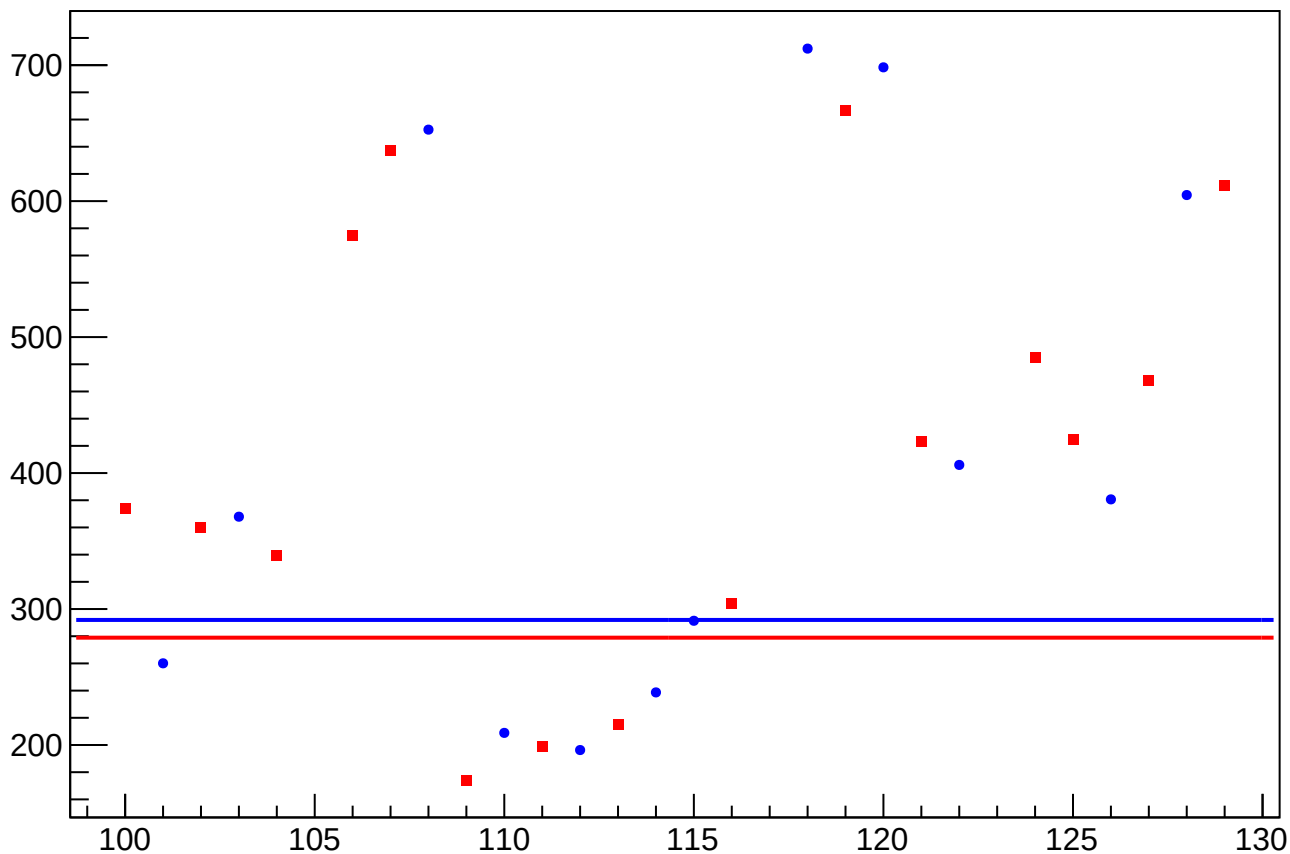
Right: 149.463+/-95.211 χ^2/NDF : 26.5/26

In: 5.769+/-143.338 χ^2/NDF : 13.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.463+/-95.211 χ^2/NDF : 26.5/26

asym_sam7_dit_correction_rms vs Slug, Sign Corrected



Right In: 291.977+/-0.101 χ^2/NDF : 1664811.7/11

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

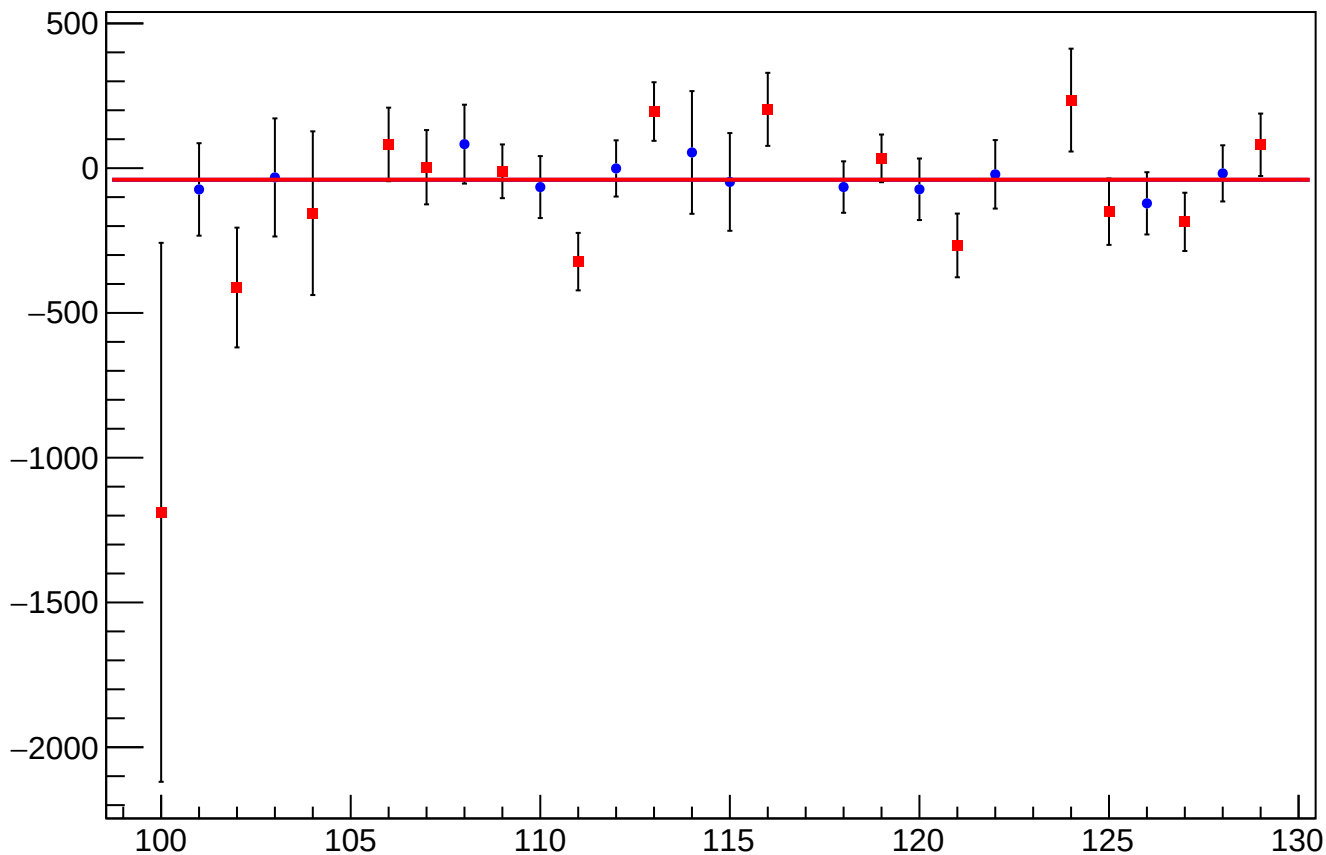
Right: 284.689+/-0.067 χ^2/NDF : 3709907.9/26

In: 291.977+/-0.101 χ^2/NDF : 1664811.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 284.689+/-0.067 χ^2/NDF : 3709907.9/26

eigen_dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -40.236+/-34.358 χ^2/NDF : 2.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

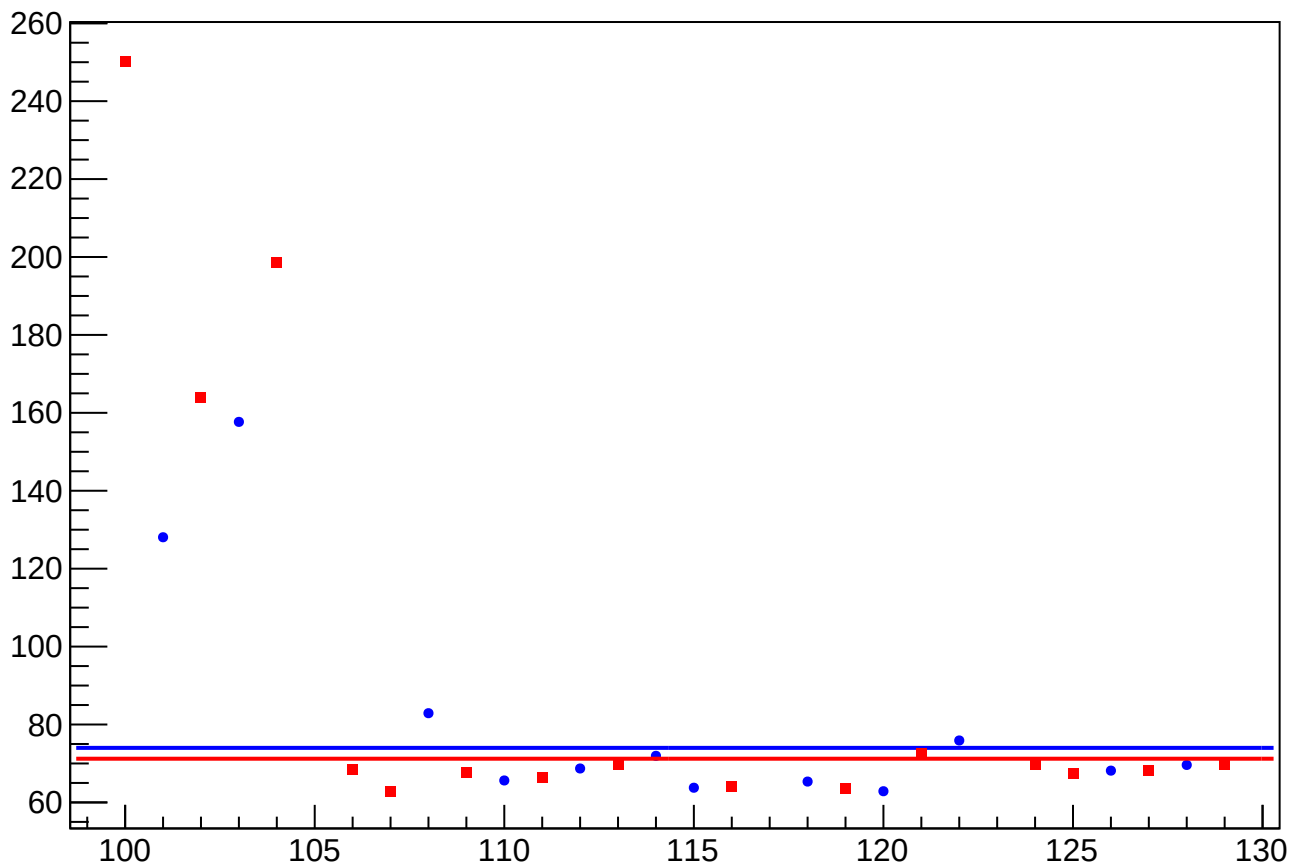
Right: -40.004+/-22.895 χ^2/NDF : 37.2/26

In: -40.236+/-34.358 χ^2/NDF : 2.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.004+/-22.895 χ^2/NDF : 37.2/26

eigen_dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 74.004+/-0.024 χ^2/NDF : 651451.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.220+/-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

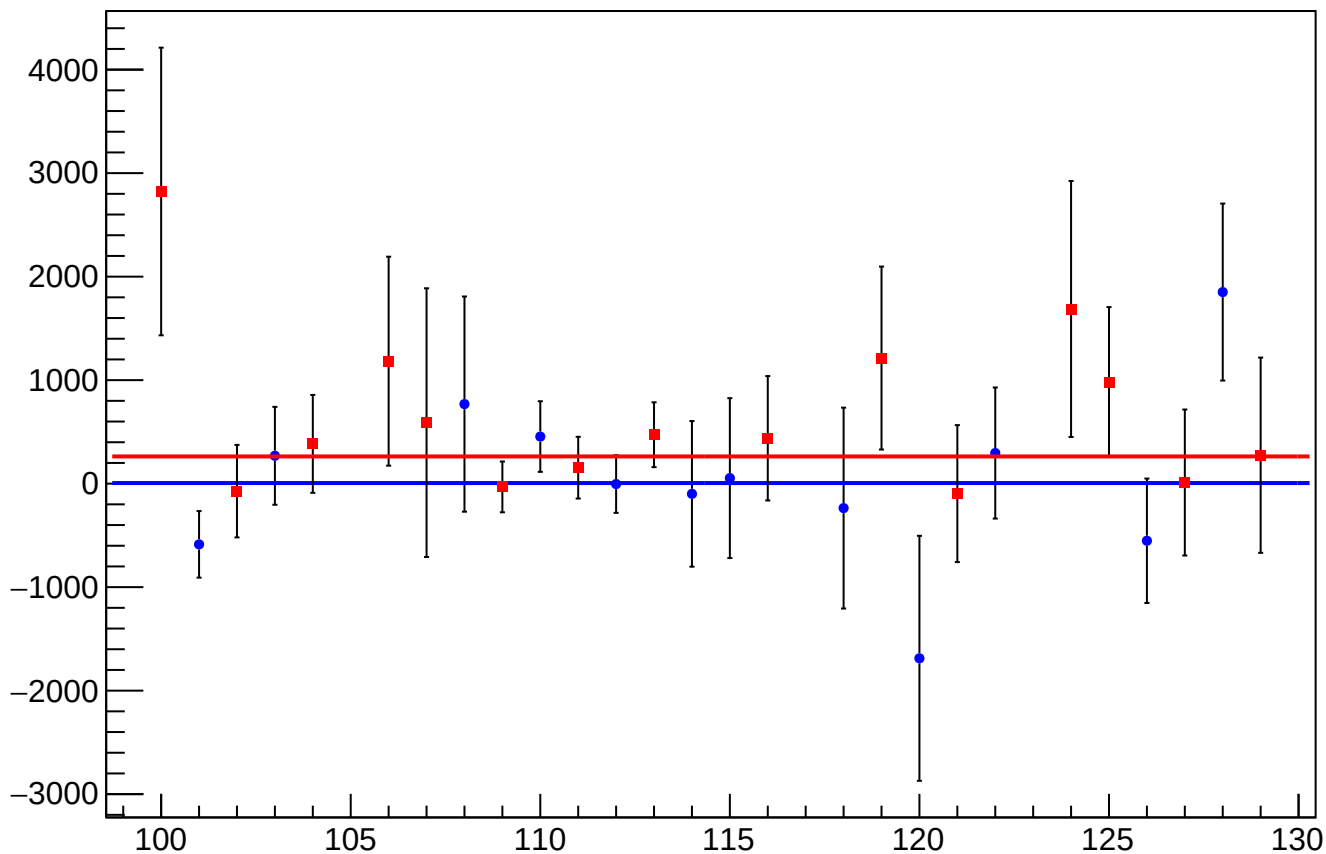
Right: 72.456+/-0.016 χ^2/NDF : 1586980.8/26

In: 74.004+/-0.024 χ^2/NDF : 651451.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.456+/-0.016 χ^2/NDF : 1586980.8/26

asym_sam7_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 5.768+/-143.337 χ^2/NDF : 13.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 262.923+/-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

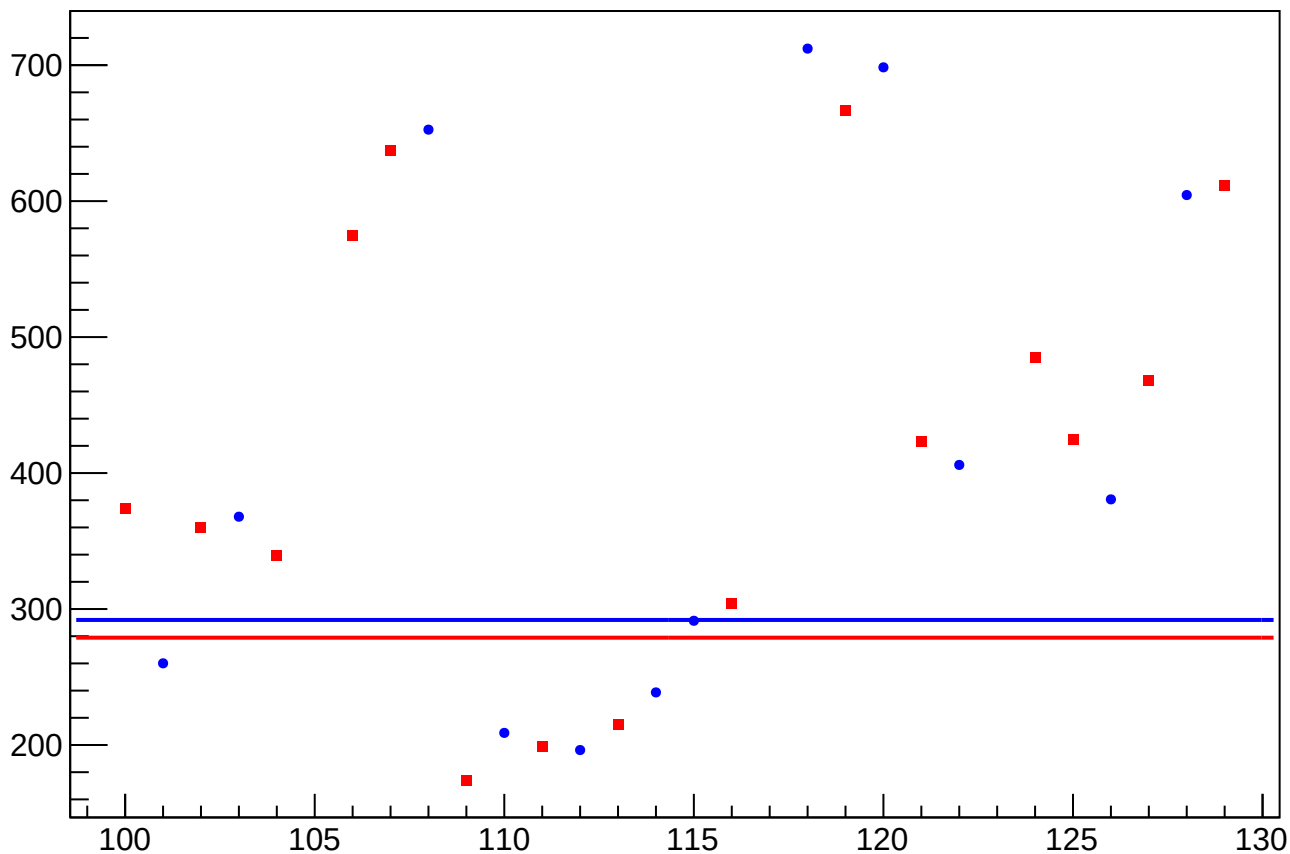
Right: 149.462+/-95.211 χ^2/NDF : 26.5/26

In: 5.768+/-143.337 χ^2/NDF : 13.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.462+/-95.211 χ^2/NDF : 26.5/26

asym_sam7_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 291.974+/-0.101 χ^2/NDF : 1664833.3/11

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

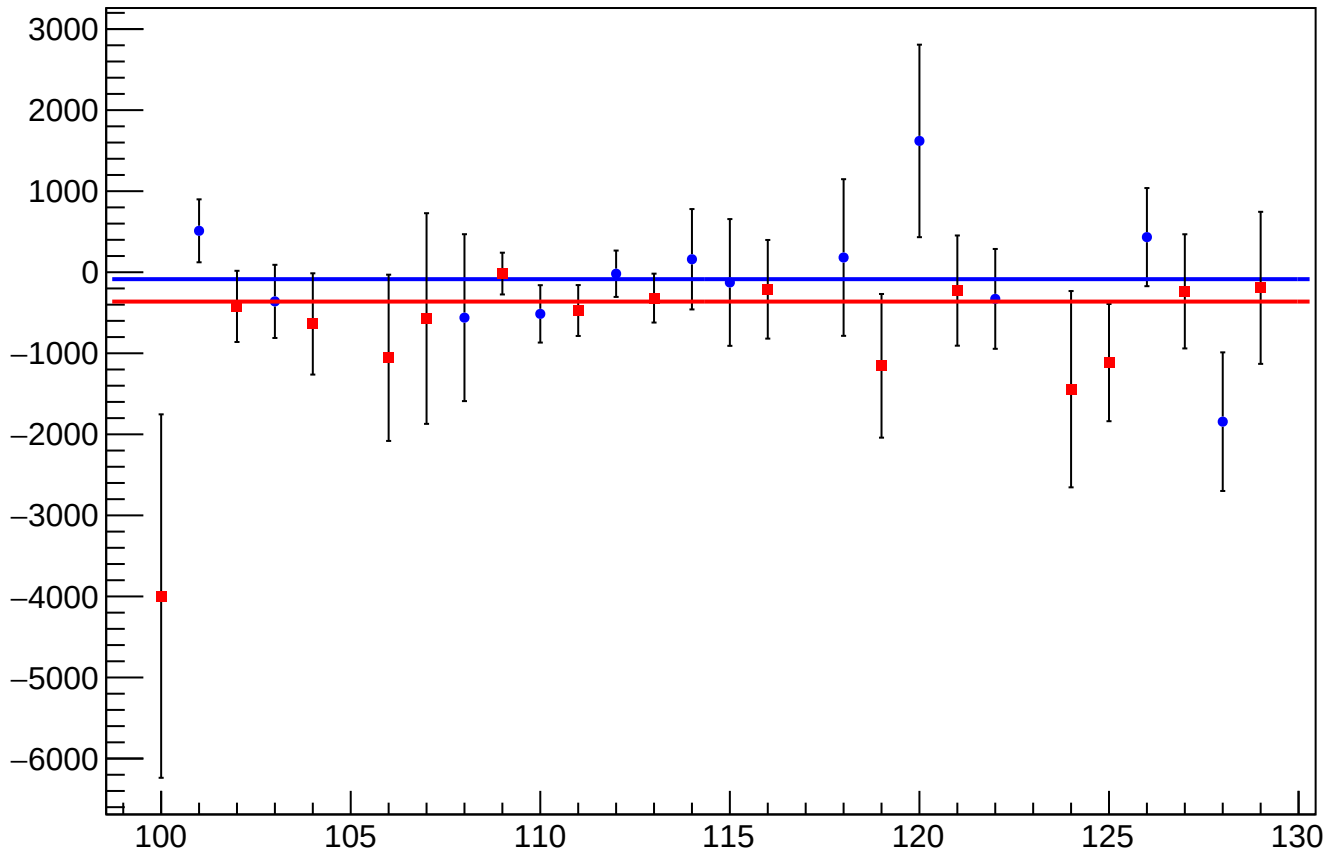
Right: 284.687+/-0.067 χ^2/NDF : 3709935.6/26

In: 291.974+/-0.101 χ^2/NDF :1664833.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 284.687+/-0.067 χ^2/NDF : 3709935.6/26

asym_sam7_mean vs Slug, Sign Corrected



Right In: -85.483+/-148.350 χ^2/NDF : 11.9/11

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

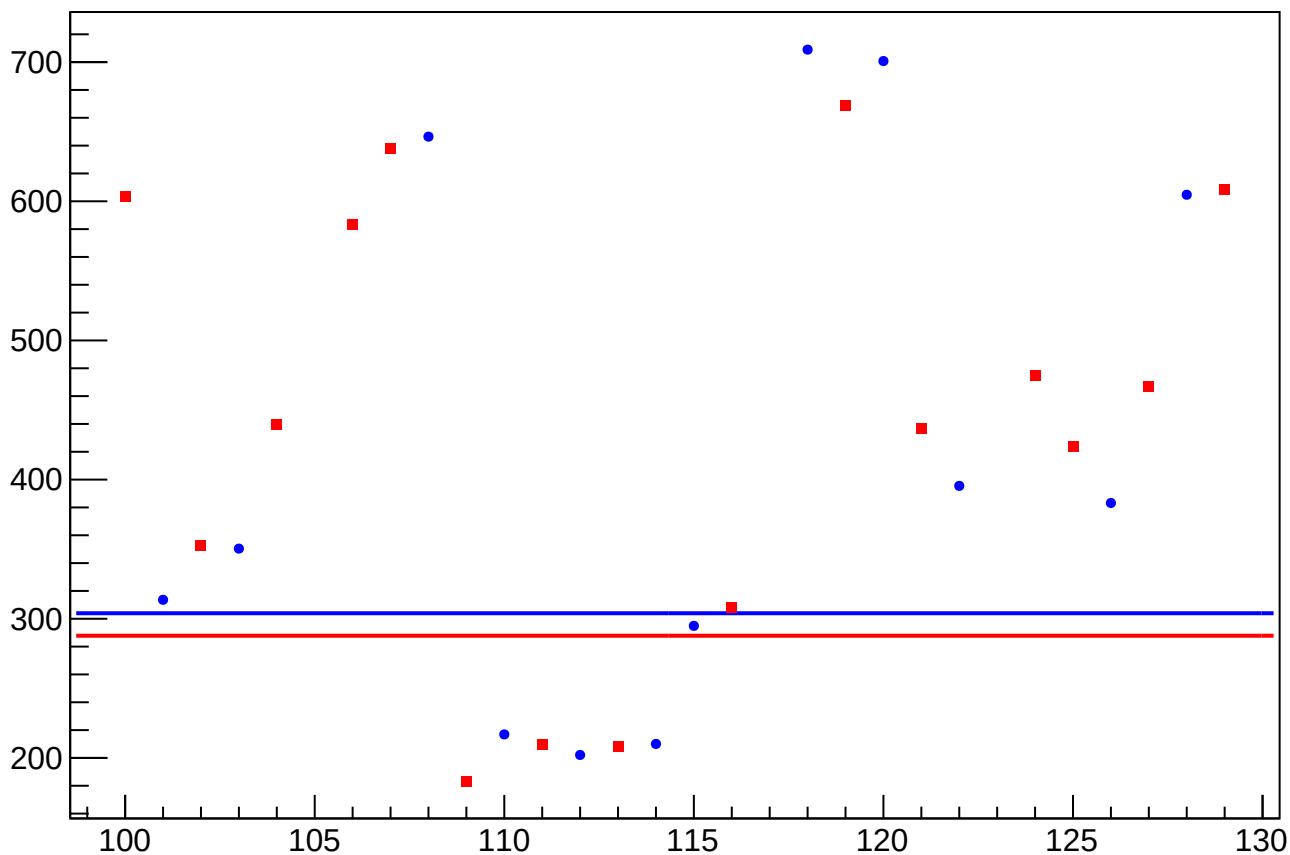
Right: -240.074+/-98.532 χ^2/NDF : 21.9/26

In: -85.483+/-148.350 χ^2/NDF : 11.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -240.074+/-98.532 χ^2/NDF : 21.9/26

asym_sam7_rms vs Slug, Sign Corrected



Right In: 303.969+/-0.105 χ^2/NDF : 1564733.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

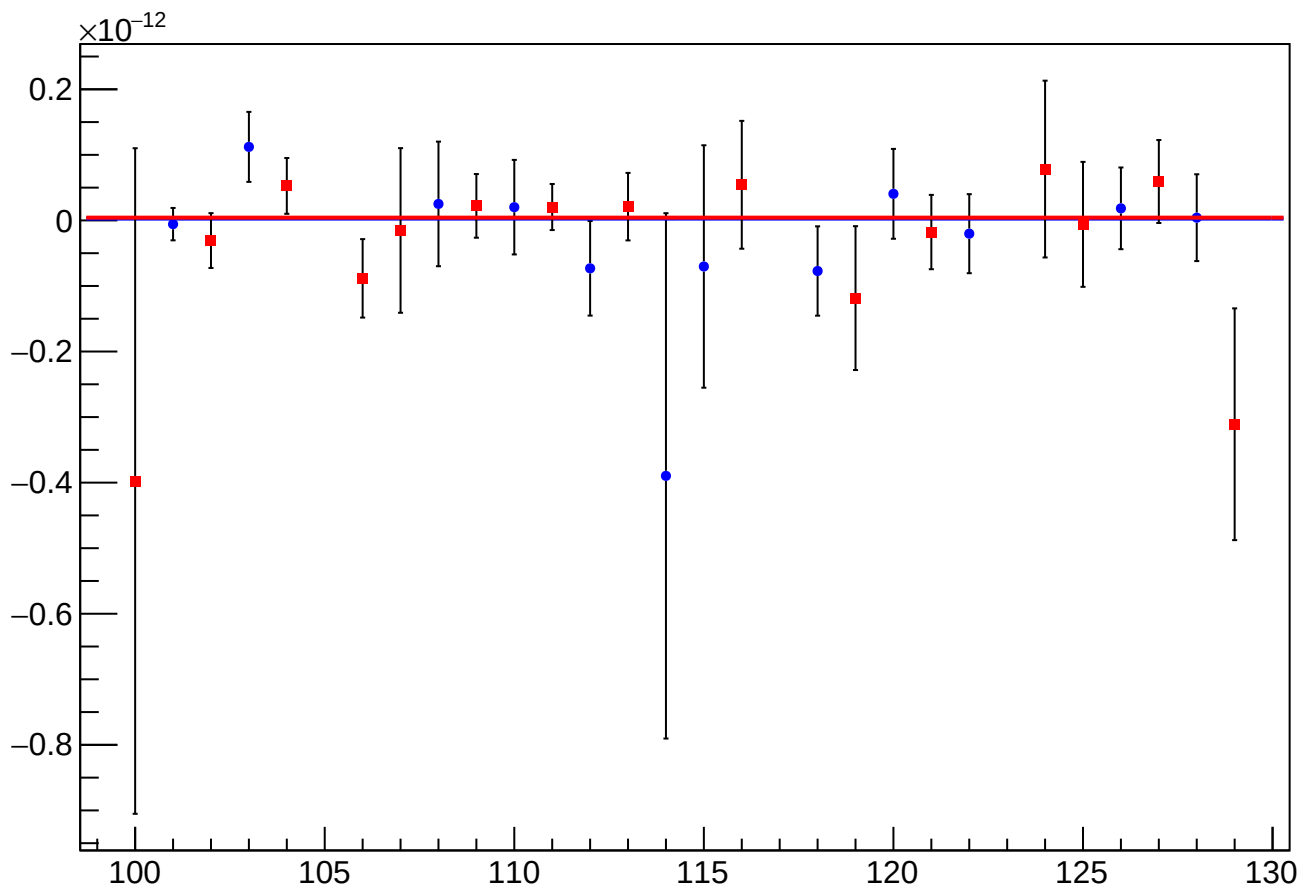
Right: 294.939+/-0.070 χ^2/NDF : 3633066.5/26

In: 303.969+/-0.105 χ^2/NDF : 1564733.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 294.939+/-0.070 χ^2/NDF : 3633066.5/26

asym_sam7_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

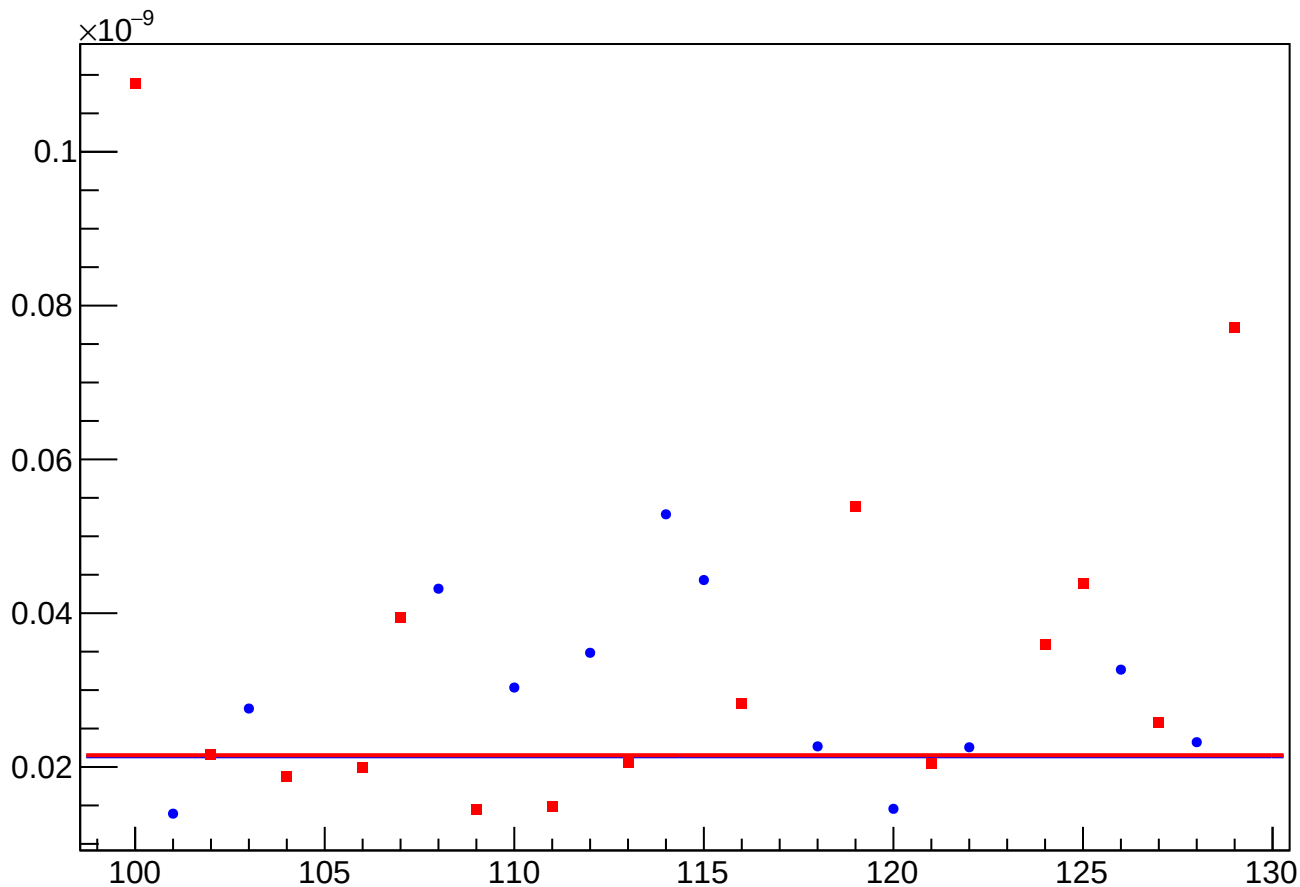
Right: 0.000+/-0.000 χ^2/NDF : 20.0/26

In: 0.000+/-0.000 χ^2/NDF : 8.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.0/26

asym_sam7_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 546485.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

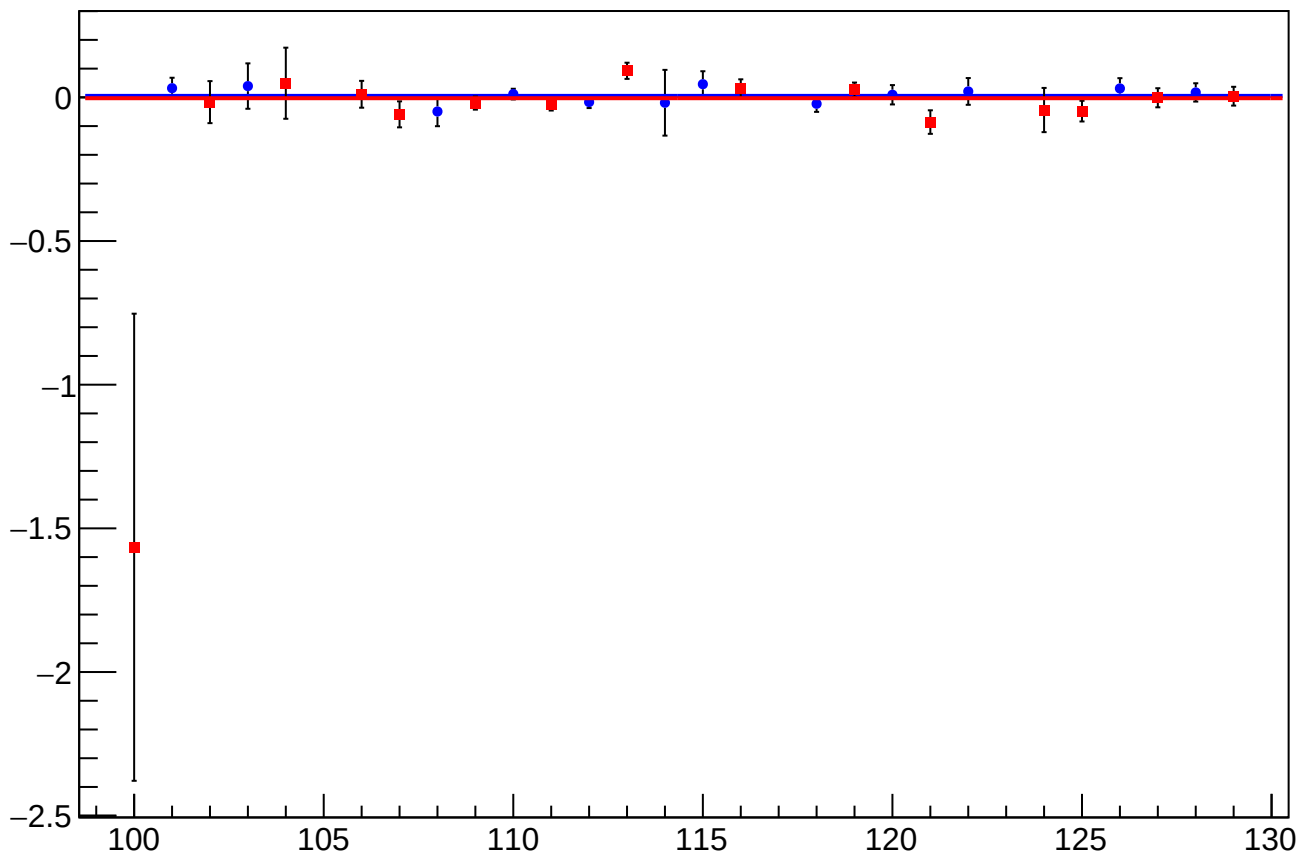
Right: 0.000+/-0.000 χ^2/NDF : 1294316.5/26

In: 0.000+/-0.000 χ^2/NDF : 546485.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1294316.5/26

asym_sam7_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.009 χ^2/NDF : 5.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.003+/-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

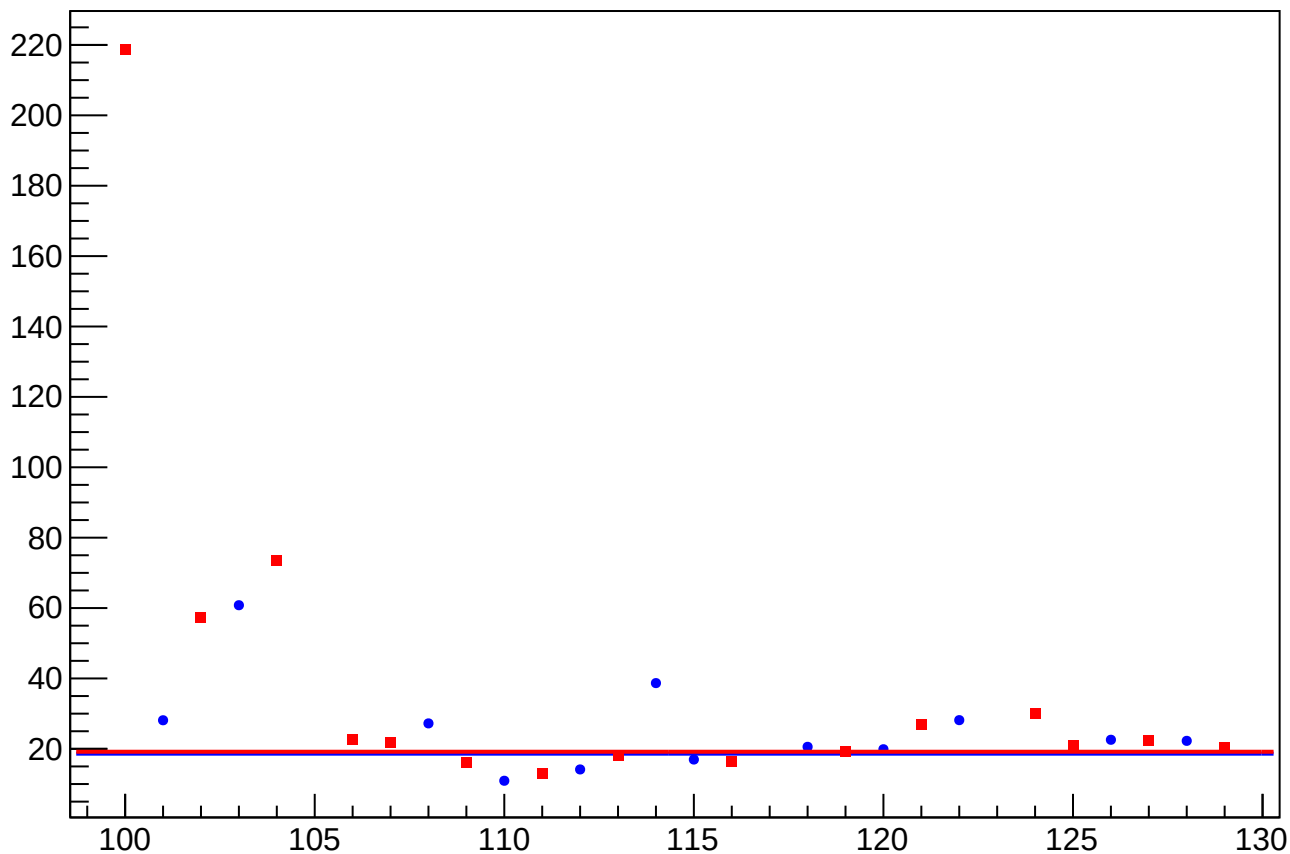
Right: 0.001+/-0.006 χ^2/NDF : 33.4/26

In: 0.005+/-0.009 χ^2/NDF : 5.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.006 χ^2/NDF : 33.4/26

asym_sam7_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.629+/-0.007 χ^2/NDF : 1409591.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.177+/-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

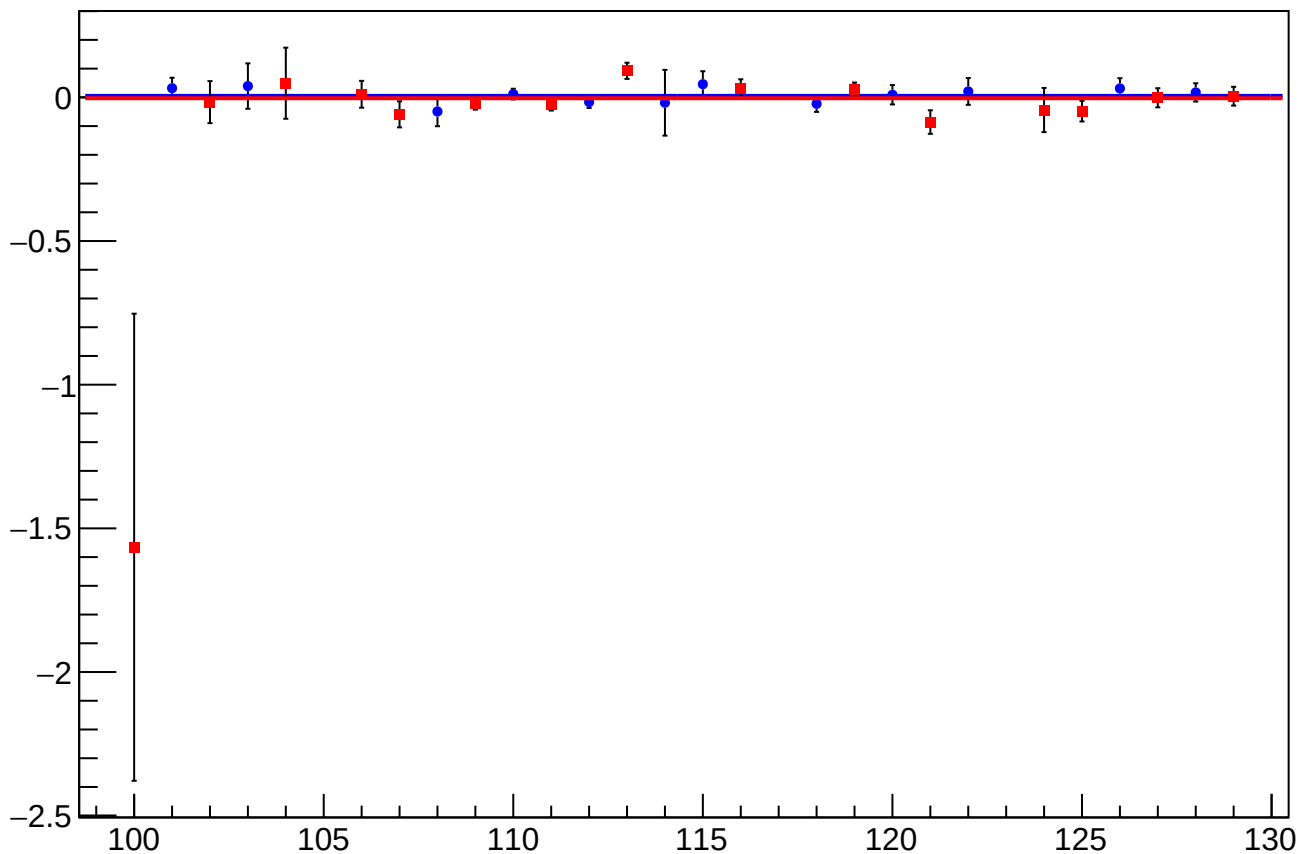
Right: 18.919+/-0.005 χ^2/NDF : 2873107.5/26

In: 18.629+/-0.007 χ^2/NDF : 1409591.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.919+/-0.005 χ^2/NDF : 2873107.5/26

asym_sam7_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.009 χ^2 /NDF: 5.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.003 $\pm$ 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

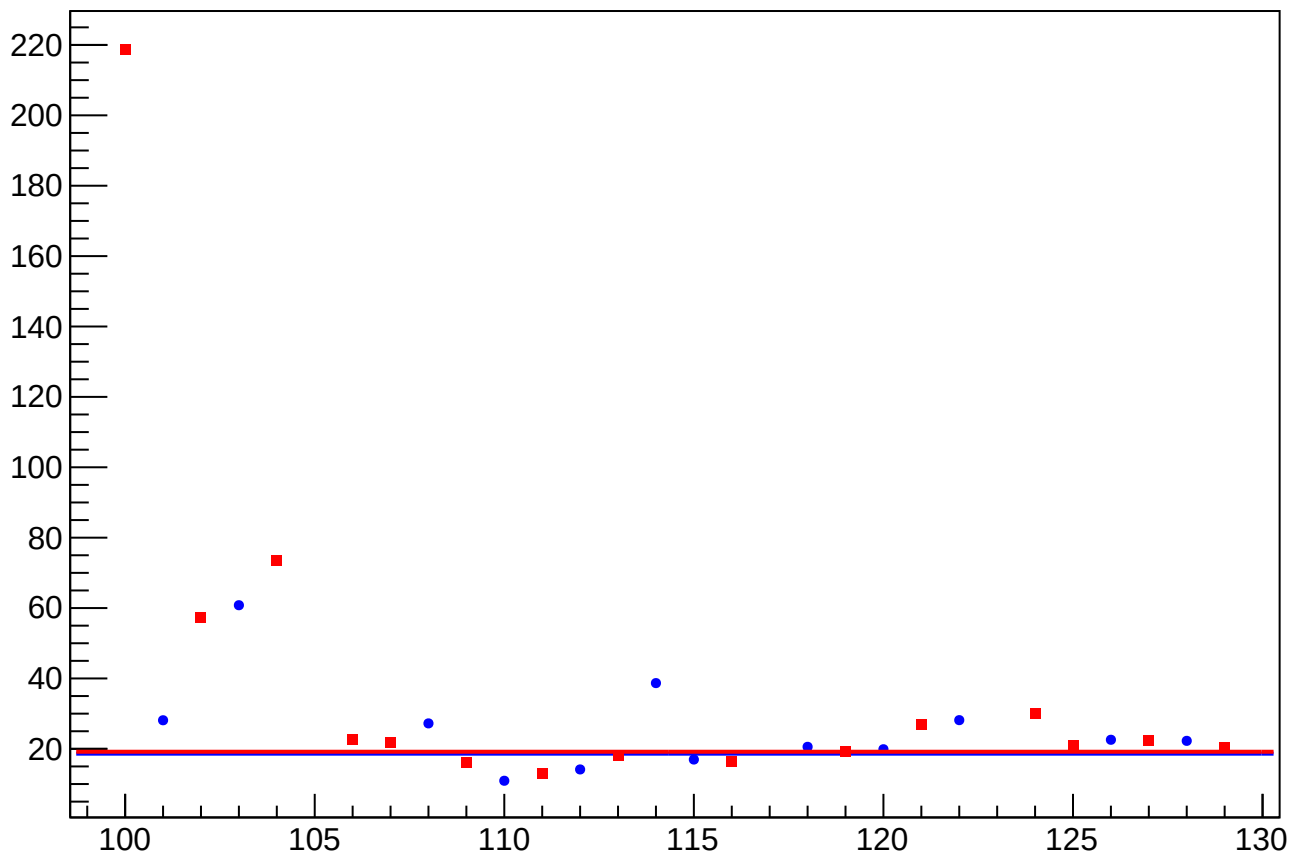
Right: 0.001 $\pm$ 0.006 χ^2 /NDF: 33.4/26

In: 0.005 $\pm$ 0.009 χ^2 /NDF:5.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.006 χ^2 /NDF: 33.4/26

asym_sam7_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.629+/-0.007 χ^2/NDF : 1409591.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.177+/-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

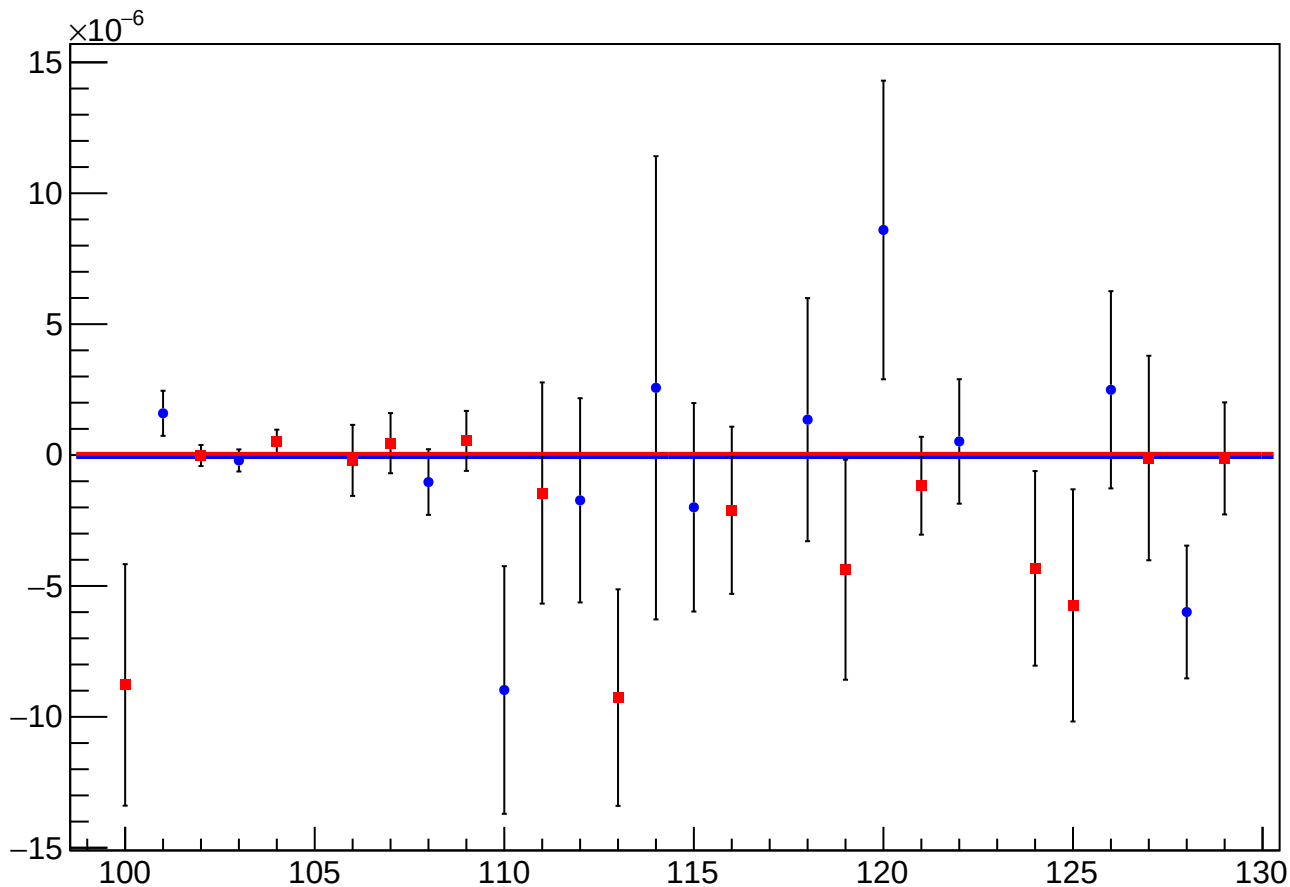
Right: 18.919+/-0.005 χ^2/NDF : 2873107.5/26

In: 18.629+/-0.007 χ^2/NDF : 1409591.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.919+/-0.005 χ^2/NDF : 2873107.5/26

asym_sam7_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 16.9/11

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

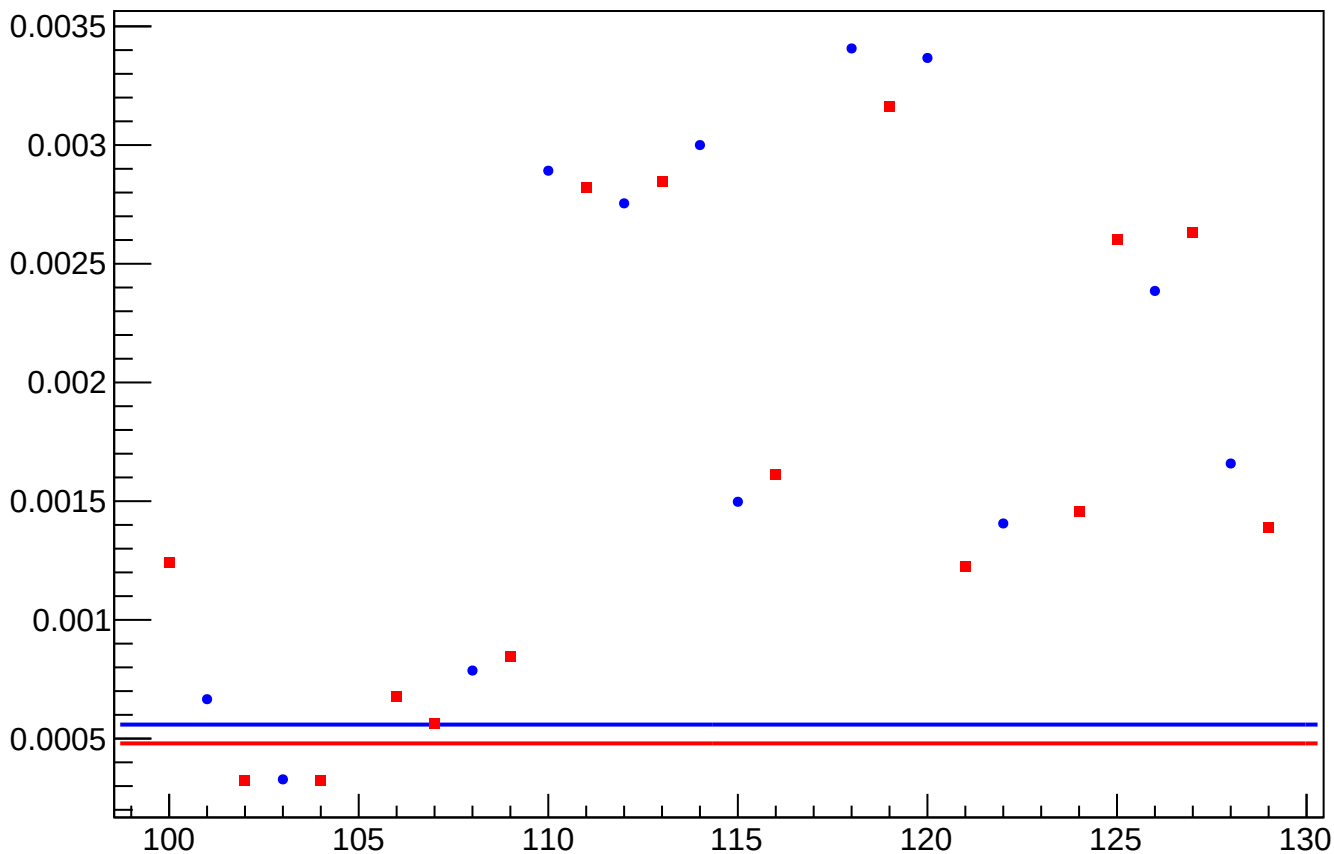
Right: 0.000+/-0.000 χ^2/NDF : 32.4/26

In: -0.000+/-0.000 χ^2/NDF :16.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 32.4/26

asym_sam7_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 4416945.1/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

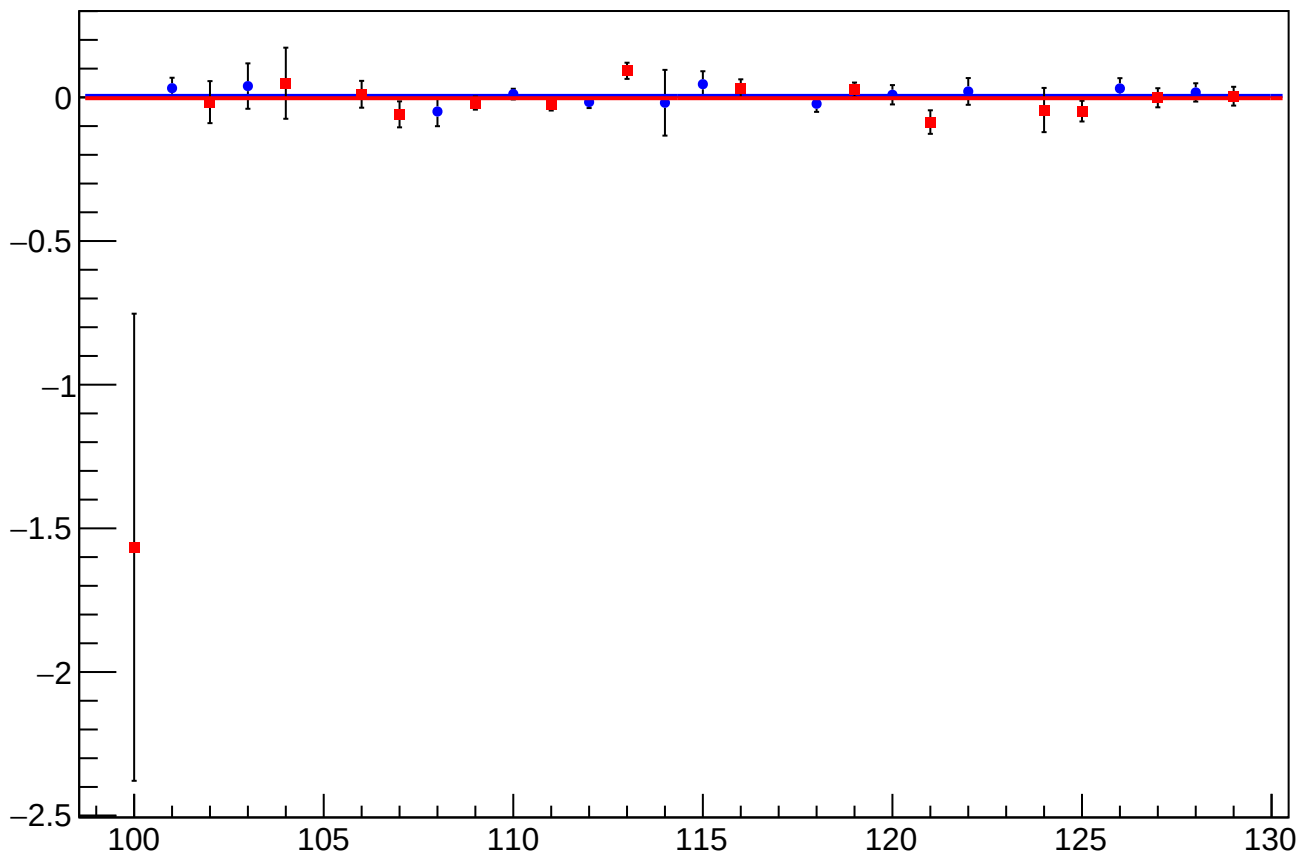
Right: 0.001+/-0.000 χ^2/NDF : 9558336.6/26

In: 0.001+/-0.000 χ^2/NDF :4416945.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 9558336.6/26

asym_sam7_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.009 χ^2 /NDF: 5.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.003 $\pm$ 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

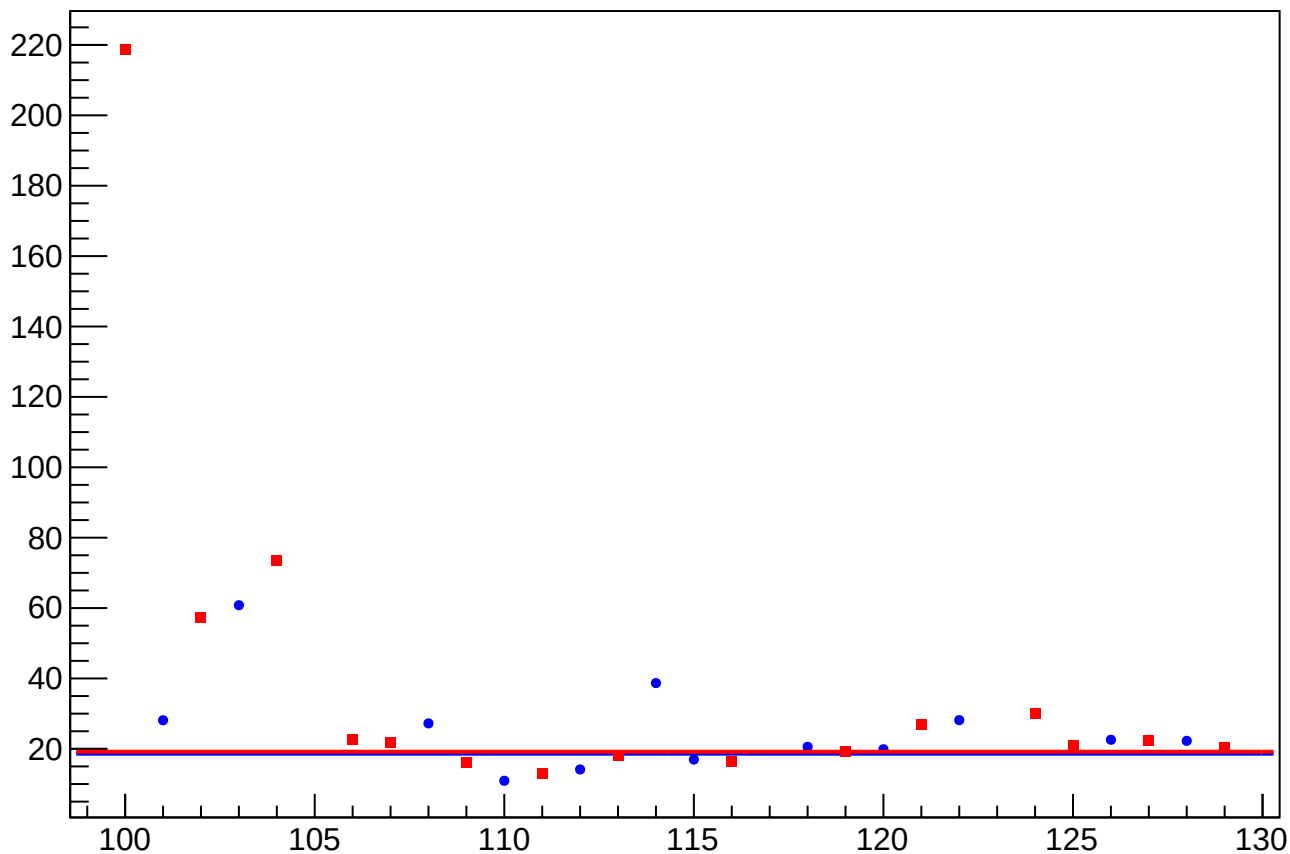
Right: 0.001 $\pm$ 0.006 χ^2 /NDF: 33.4/26

In: 0.005 $\pm$ 0.009 χ^2 /NDF:5.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.006 χ^2 /NDF: 33.4/26

asym_sam7_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.630+/-0.007 χ^2/NDF : 1409461.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.177+/-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

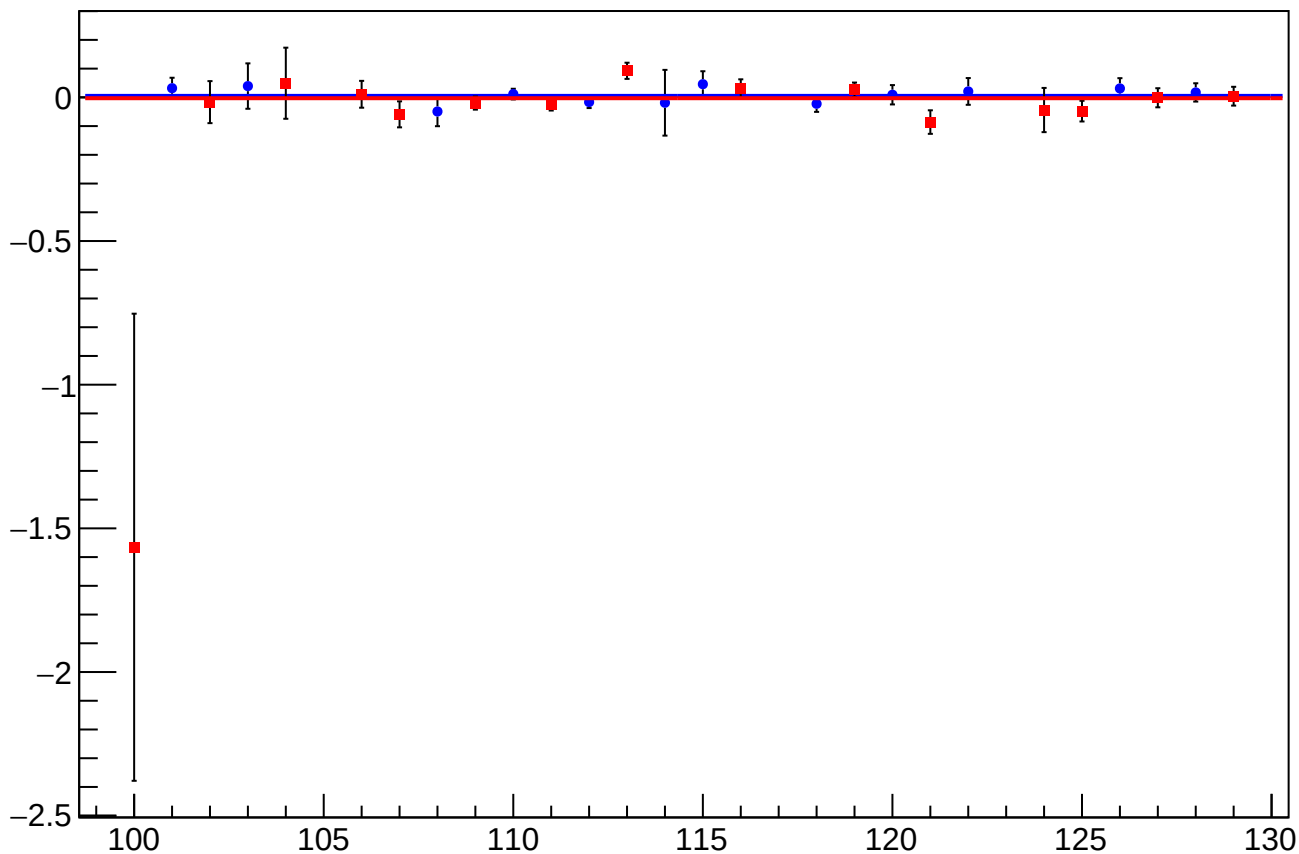
Right: 18.920+/-0.005 χ^2/NDF : 2872905.4/26

In: 18.630+/-0.007 χ^2/NDF : 1409461.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.920+/-0.005 χ^2/NDF : 2872905.4/26

asym_sam7_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.009 χ^2/NDF : 5.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.003+/-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

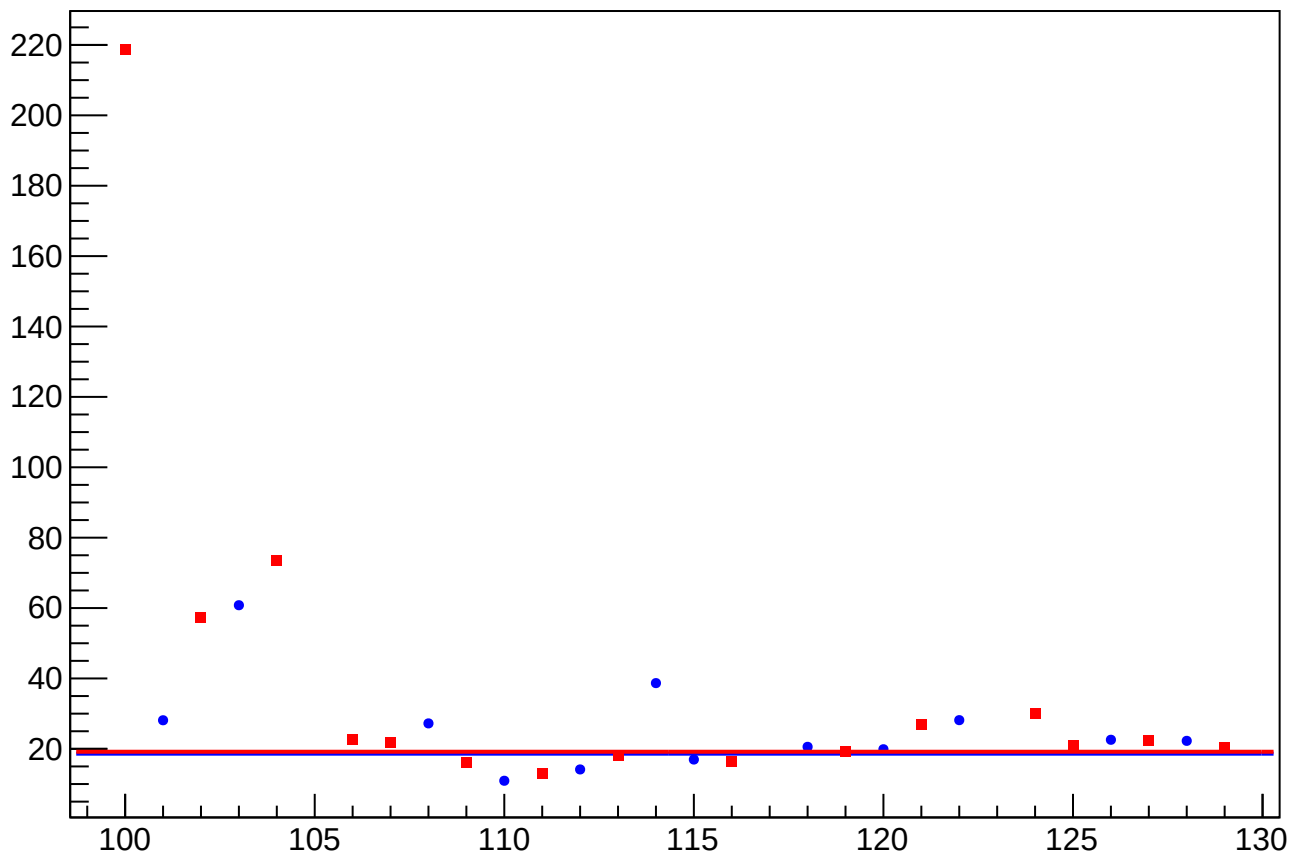
Right: 0.001+/-0.006 χ^2/NDF : 33.4/26

In: 0.005+/-0.009 χ^2/NDF : 5.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.006 χ^2/NDF : 33.4/26

asym_sam7_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.630+/-0.007 χ^2/NDF : 1409461.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.177+/-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

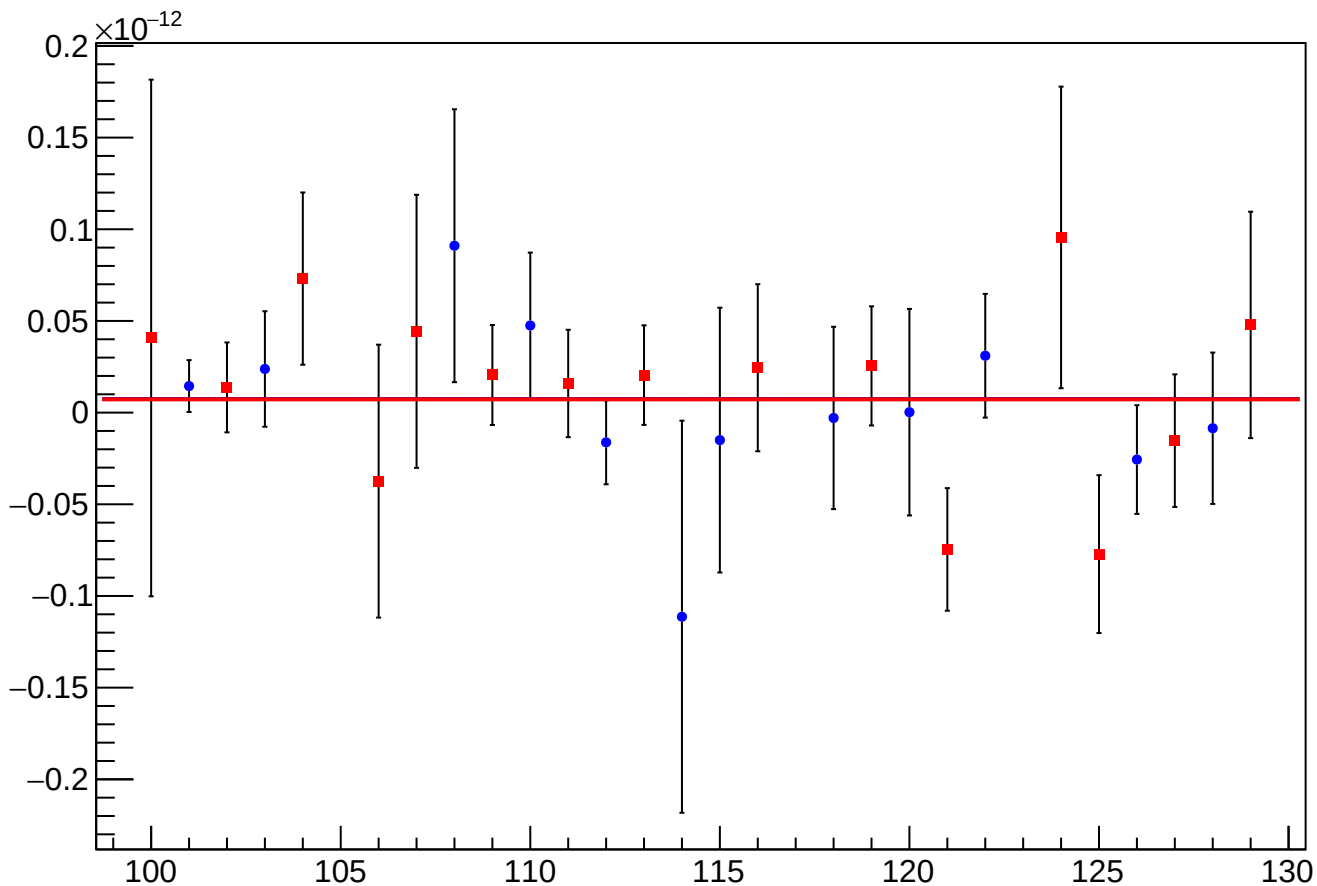
Right: 18.920+/-0.005 χ^2/NDF : 2872905.4/26

In: 18.630+/-0.007 χ^2/NDF : 1409461.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.920+/-0.005 χ^2/NDF : 2872905.4/26

asym_sam7_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

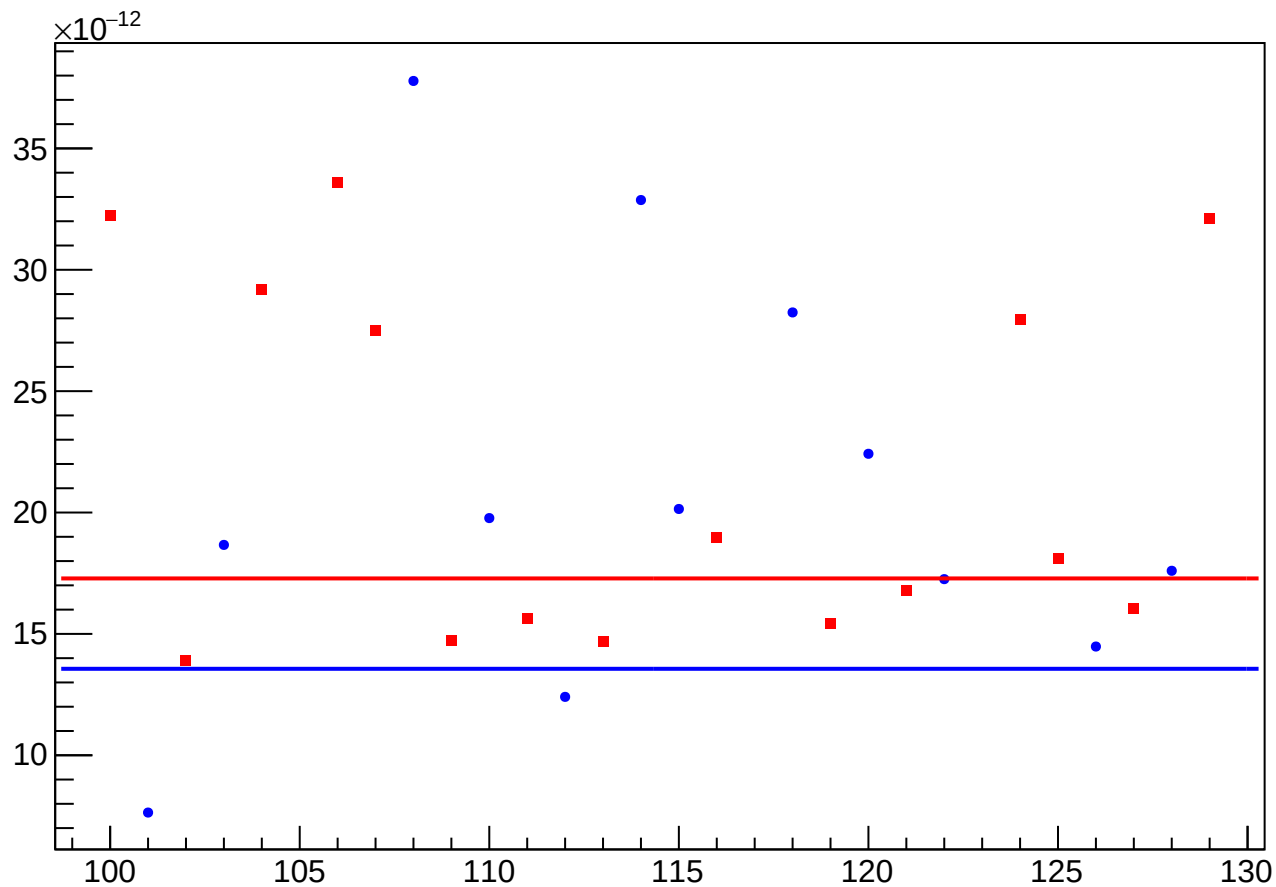
Right: 0.000+/-0.000 χ^2/NDF : 22.7/26

In: 0.000+/-0.000 χ^2/NDF : 7.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.7/26

asym_sam7_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1019190.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

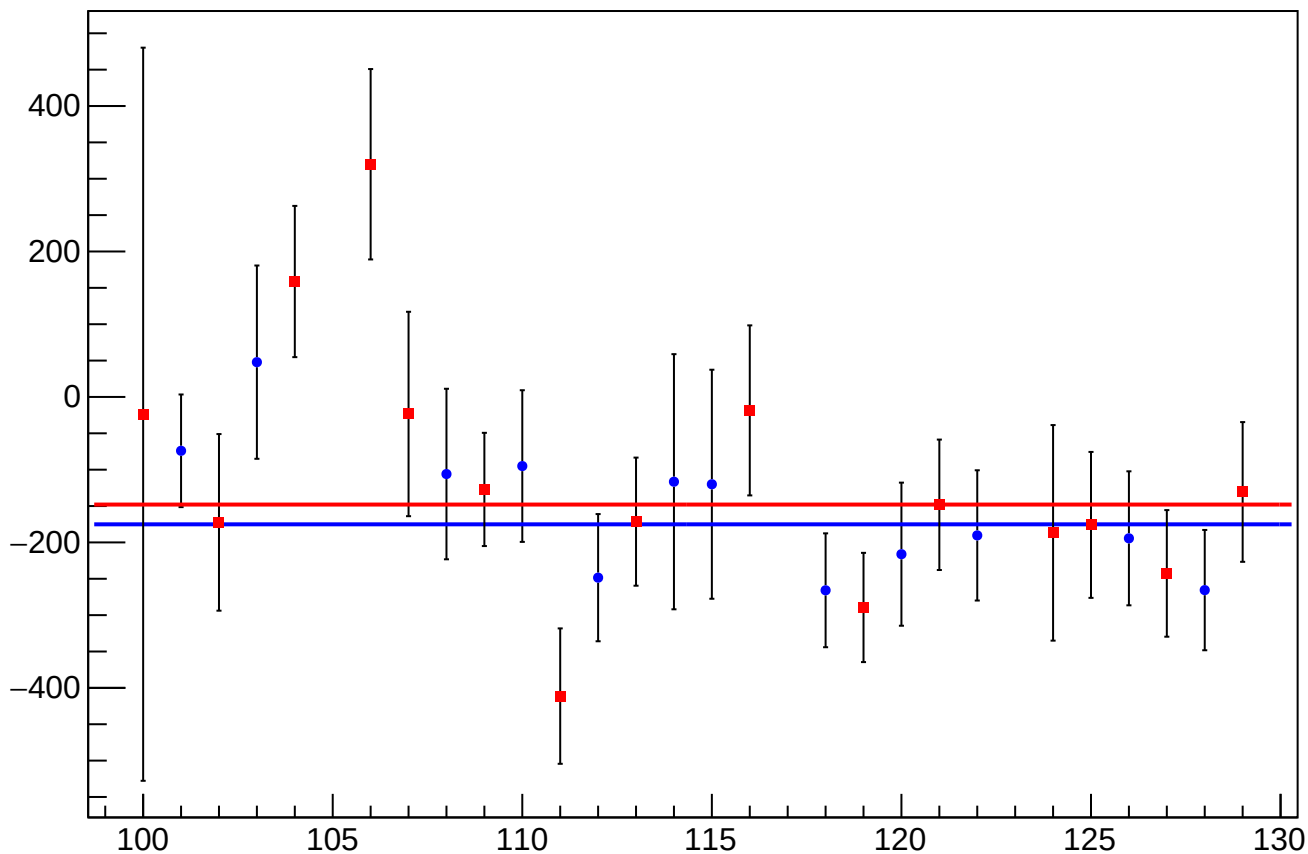
Right: 0.000+/-0.000 χ^2/NDF : 1702773.1/26

In: 0.000+/-0.000 χ^2/NDF : 1019190.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1702773.1/26

reg_asym_sam8_mean vs Slug, Sign Corrected



Right In: -175.138 ± 28.318 χ^2/NDF : 9.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -147.958 ± 26.327 χ^2/NDF : 36.6/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

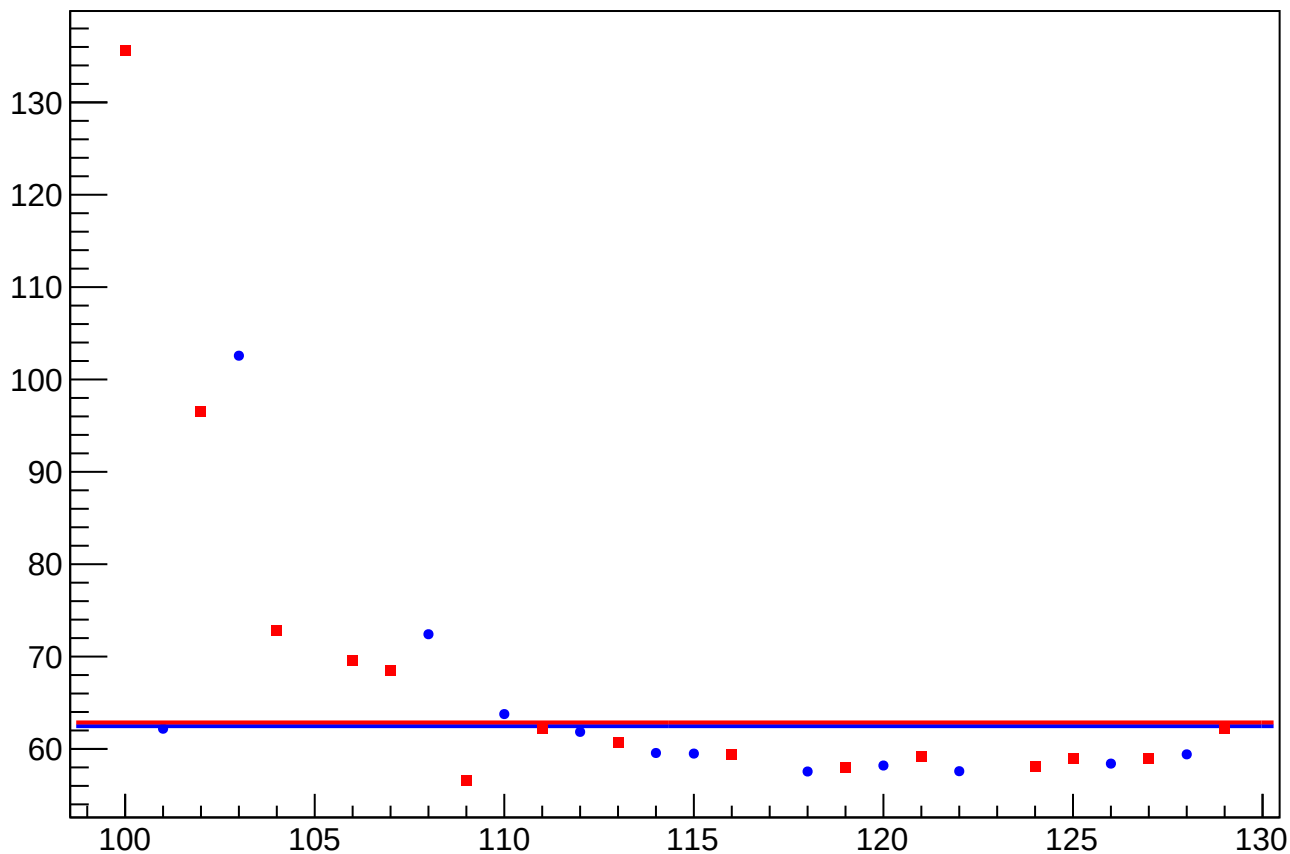
Right: -160.559 ± 19.281 χ^2/NDF : 46.3/26

In: -175.138 ± 28.318 χ^2/NDF : 9.2/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -160.559 ± 19.281 χ^2/NDF : 46.3/26

reg_asym_sam8_rms vs Slug, Sign Corrected



Right In: 62.468+/-0.020 χ^2/NDF : 222478.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.868+/-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

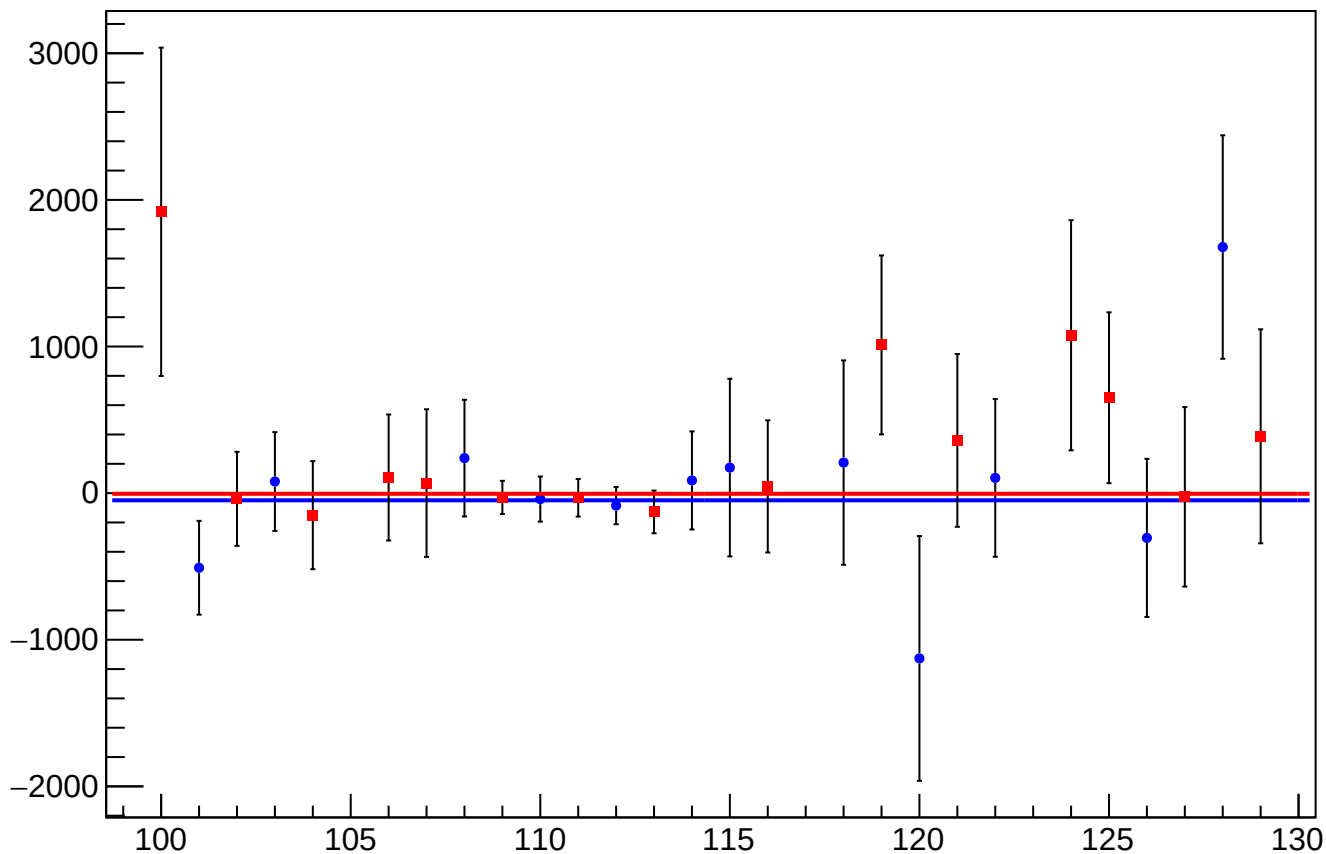
Right: 62.682+/-0.014 χ^2/NDF : 481991.3/26

In: 62.468+/-0.020 χ^2/NDF : 222478.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.682+/-0.014 χ^2/NDF : 481991.3/26

asym_sam8_reg_correction_mean vs Slug, Sign Corrected



Right In: -48.939 ± 80.921 χ^2/NDF : 10.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.536 ± 65.588 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

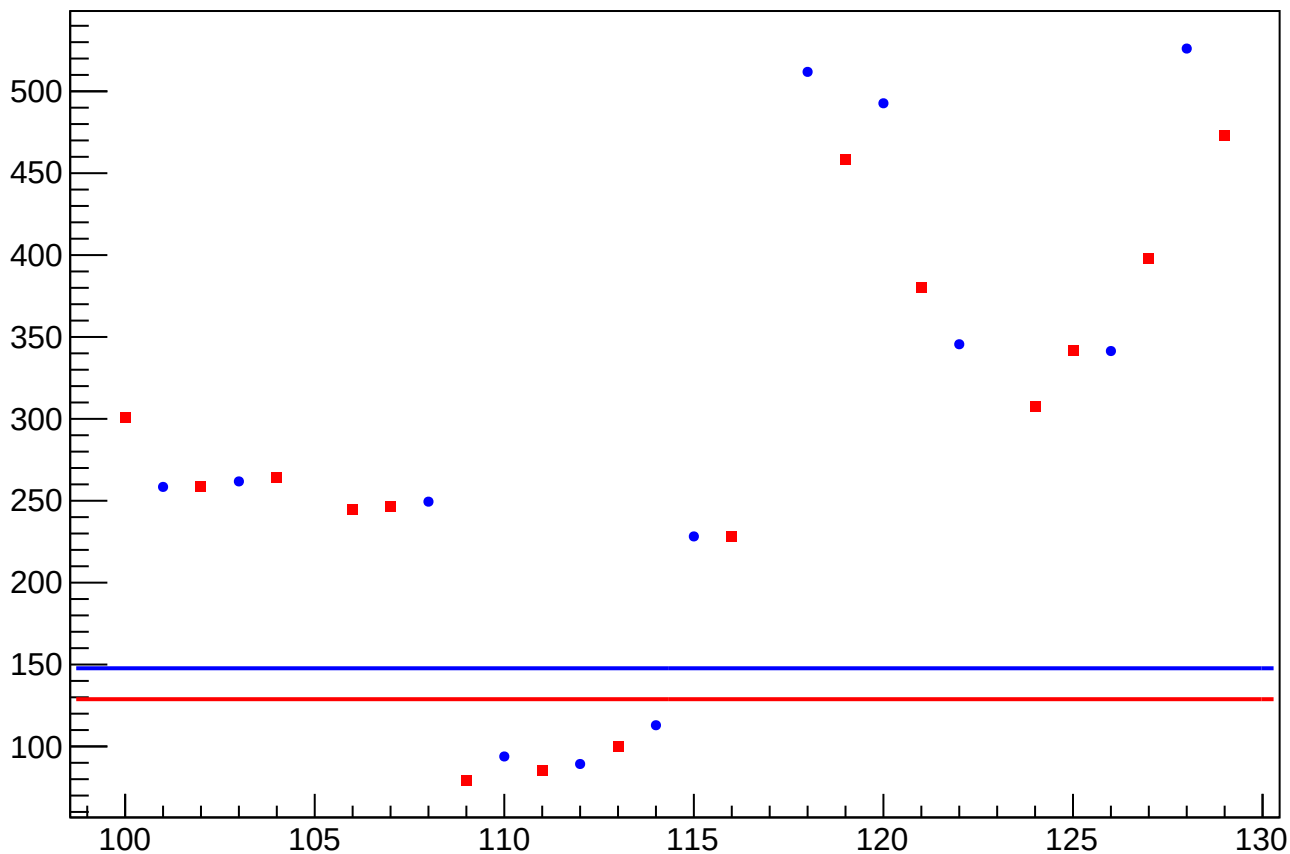
Right: -22.141 ± 50.953 χ^2/NDF : 21.2/26

In: -48.939 ± 80.921 χ^2/NDF : 10.4/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -22.141 ± 50.953 χ^2/NDF : 21.2/26

asym_sam8_reg_correction_rms vs Slug, Sign Corrected



Right In: 147.719+/-0.057 χ^2/NDF : 3233275.4/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

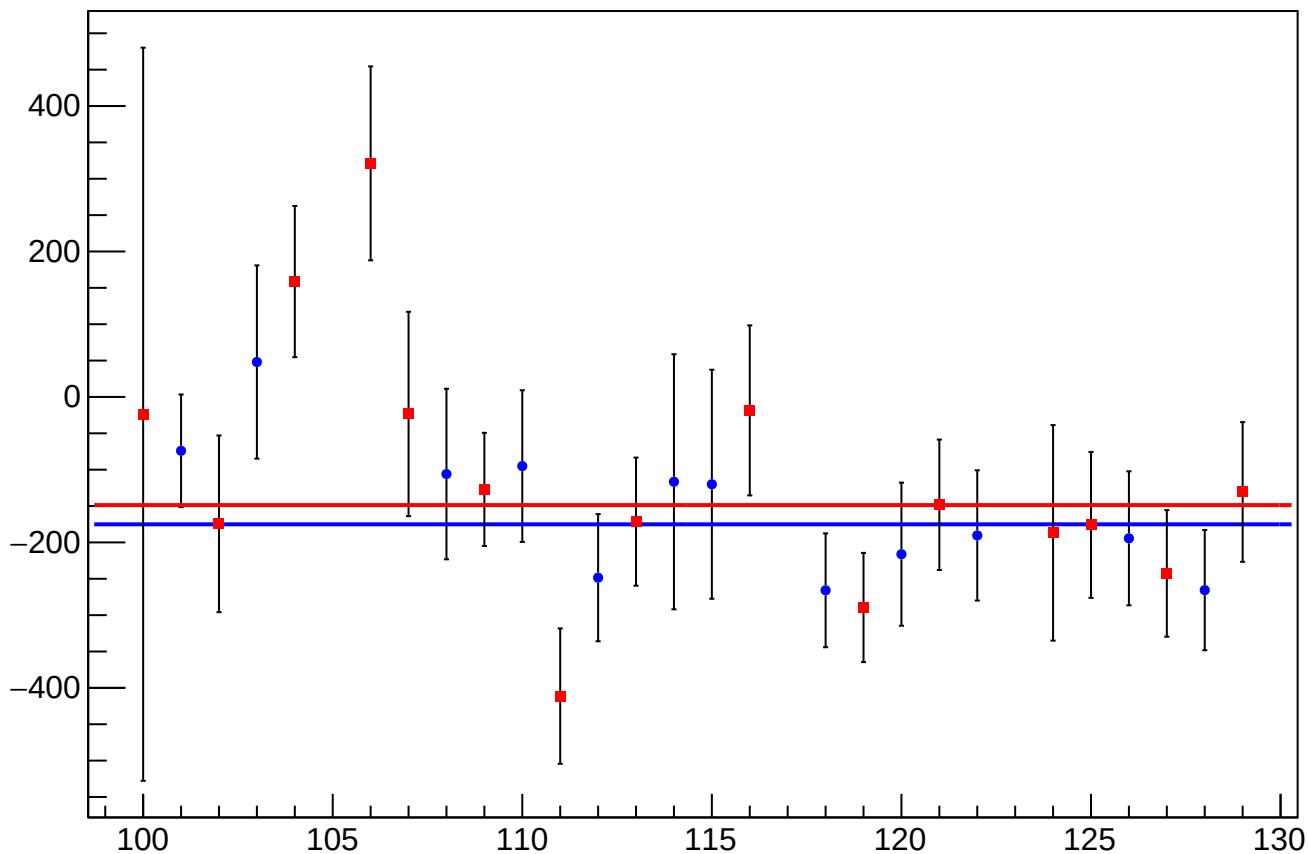
Right: 136.325+/-0.036 χ^2/NDF : 7139363.7/26

In: 147.719+/-0.057 χ^2/NDF :3233275.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 136.325+/-0.036 χ^2/NDF : 7139363.7/26

cor_asym_sam8_mean vs Slug, Sign Corrected



Right In: -175.138 $\pm$ 28.318 χ^2 /NDF: 9.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -148.687 $\pm$ 26.347 χ^2 /NDF: 36.3/14

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

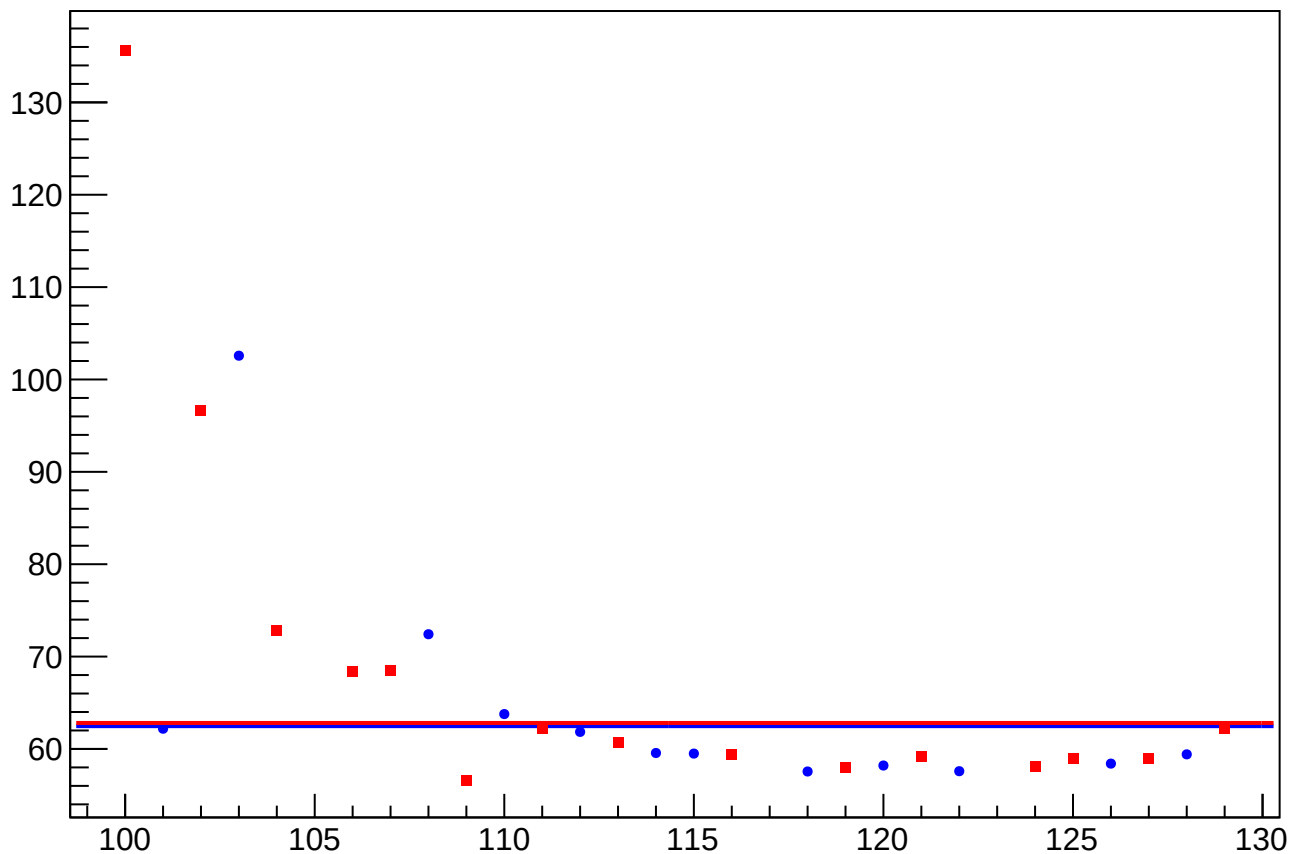
Right: -160.960 $\pm$ 19.289 χ^2 /NDF: 45.9/26

In: -175.138 $\pm$ 28.318 χ^2 /NDF:9.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -160.960 $\pm$ 19.289 χ^2 /NDF: 45.9/26

cor_asym_sam8_rms vs Slug, Sign Corrected



Right In: 62.468 $\pm$ 0.020 χ^2 /NDF: 222480.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 62.813 $\pm$ 0.019 χ^2 /NDF: 257682.6/14

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

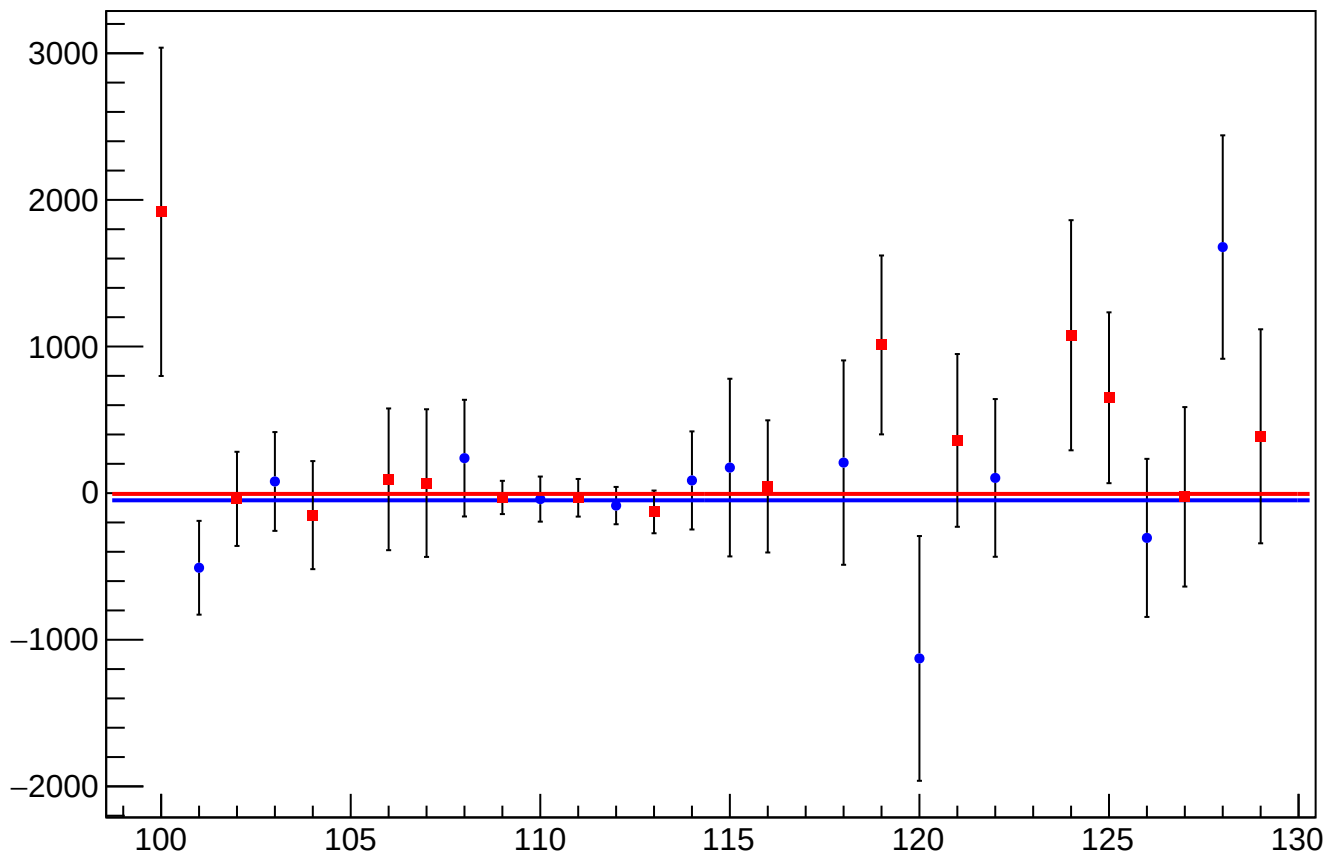
Right: 62.653 $\pm$ 0.014 χ^2 /NDF: 480322.3/26

In: 62.468 $\pm$ 0.020 χ^2 /NDF:222480.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 62.653 $\pm$ 0.014 χ^2 /NDF: 480322.3/26

asym_sam8_cor_correction_mean vs Slug, Sign Corrected



Right In: -48.918 ± 80.922 χ^2/NDF : 10.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

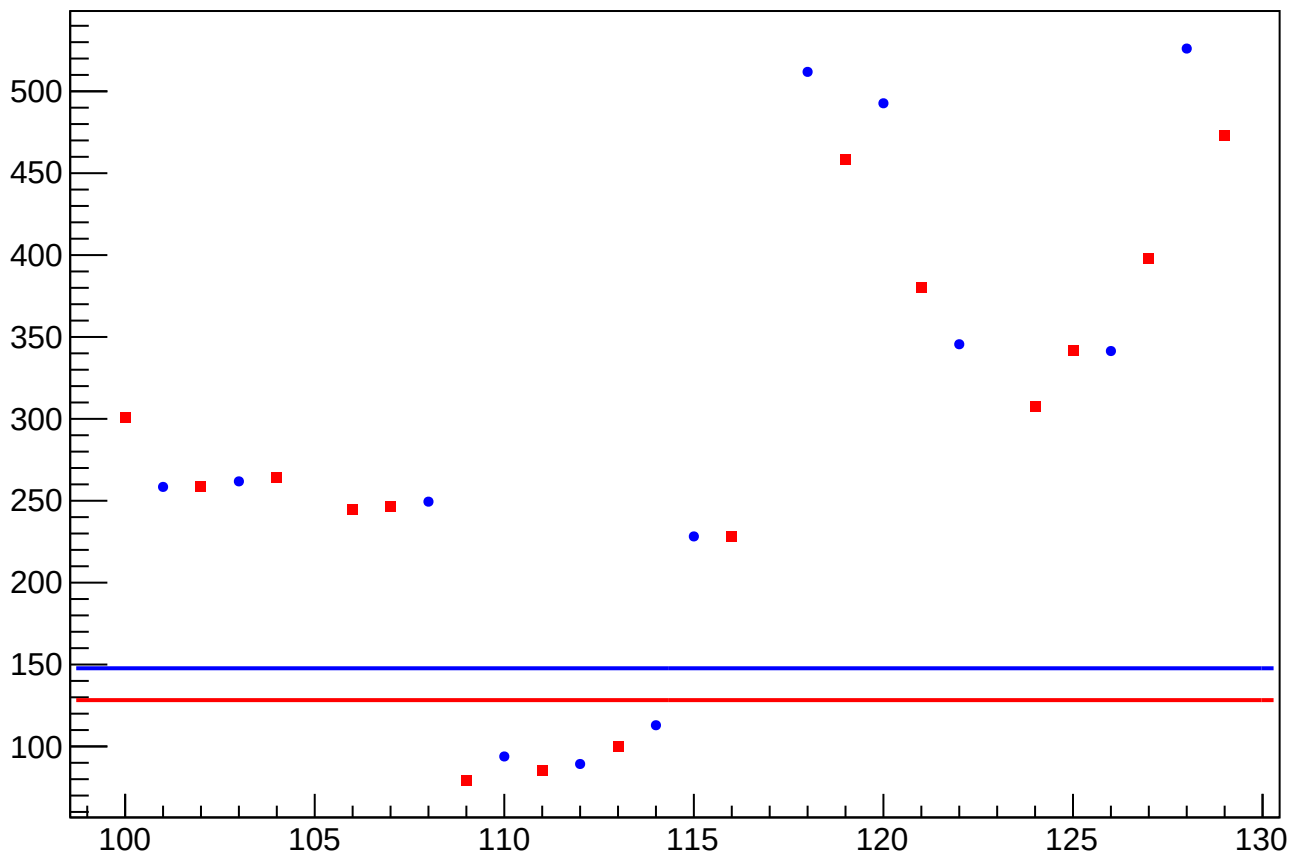
Right: -22.643 ± 51.030 χ^2/NDF : 21.2/26

In: -48.918 ± 80.922 χ^2/NDF : 10.4/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -22.643 ± 51.030 χ^2/NDF : 21.2/26

asym_sam8_cor_correction_rms vs Slug, Sign Corrected



Right In: 147.719+/-0.057 χ^2/NDF : 3233332.4/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

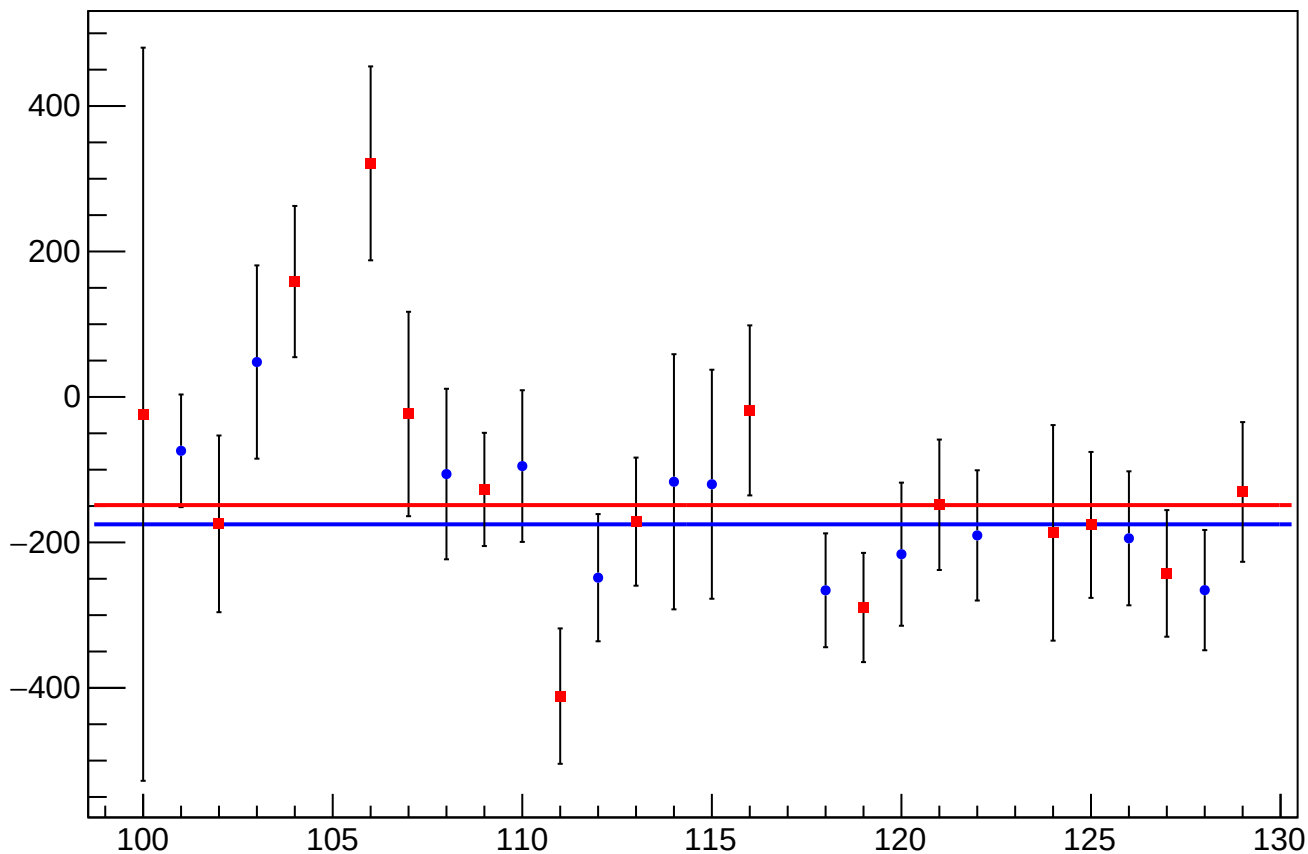
Right: 136.005+/-0.036 χ^2/NDF : 7113736.7/26

In: 147.719+/-0.057 χ^2/NDF :3233332.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 136.005+/-0.036 χ^2/NDF : 7113736.7/26

eigen_cor_asym_sam8_mean vs Slug, Sign Corrected



Right In: -175.138+/-28.318 χ^2/NDF : 9.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

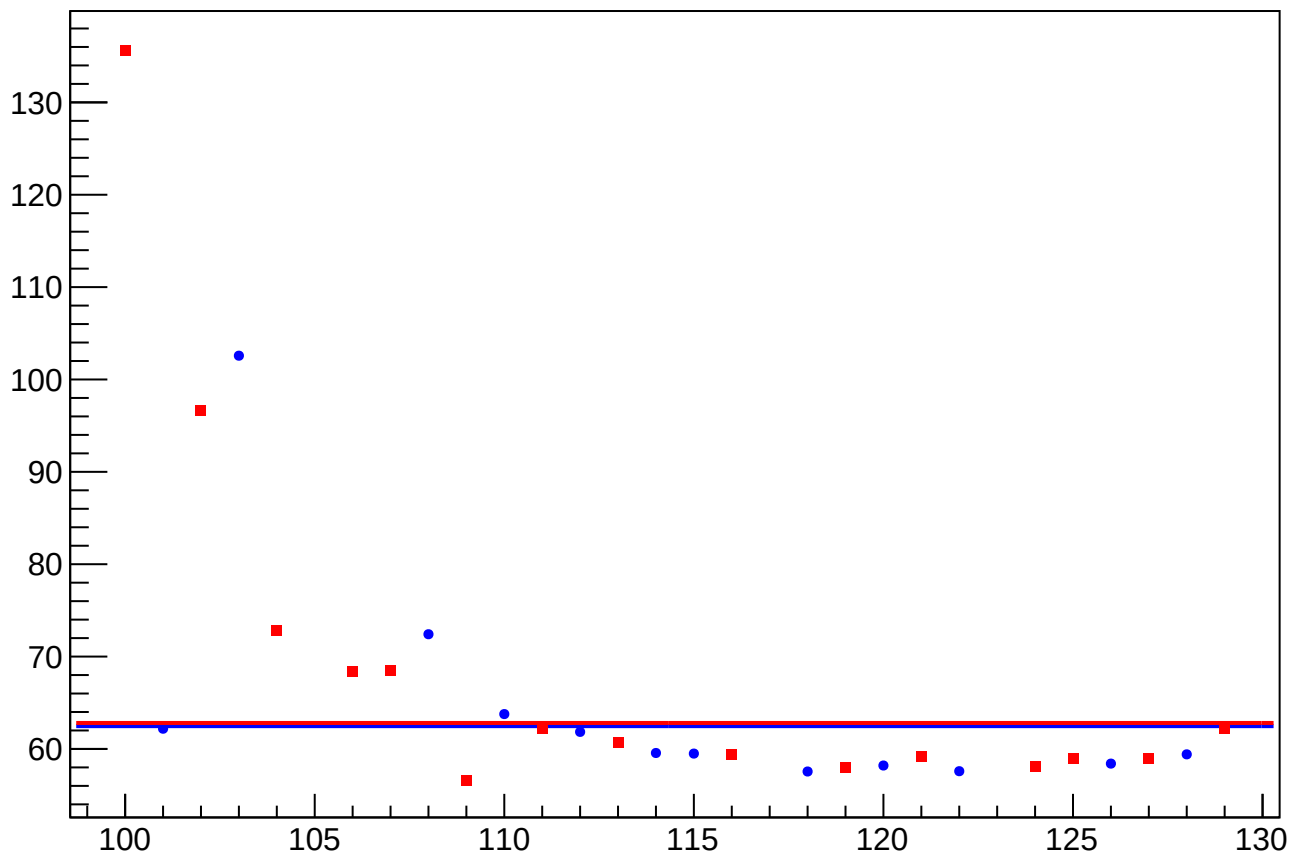
Right: -160.960+/-19.289 χ^2/NDF : 45.9/26

In: -175.138+/-28.318 χ^2/NDF : 9.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -160.960+/-19.289 χ^2/NDF : 45.9/26

eigen_cor_asym_sam8_rms vs Slug, Sign Corrected



Right In: 62.468 $\pm$ 0.020 χ^2 /NDF: 222480.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 62.813 $\pm$ 0.019 χ^2 /NDF: 257682.6/14

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

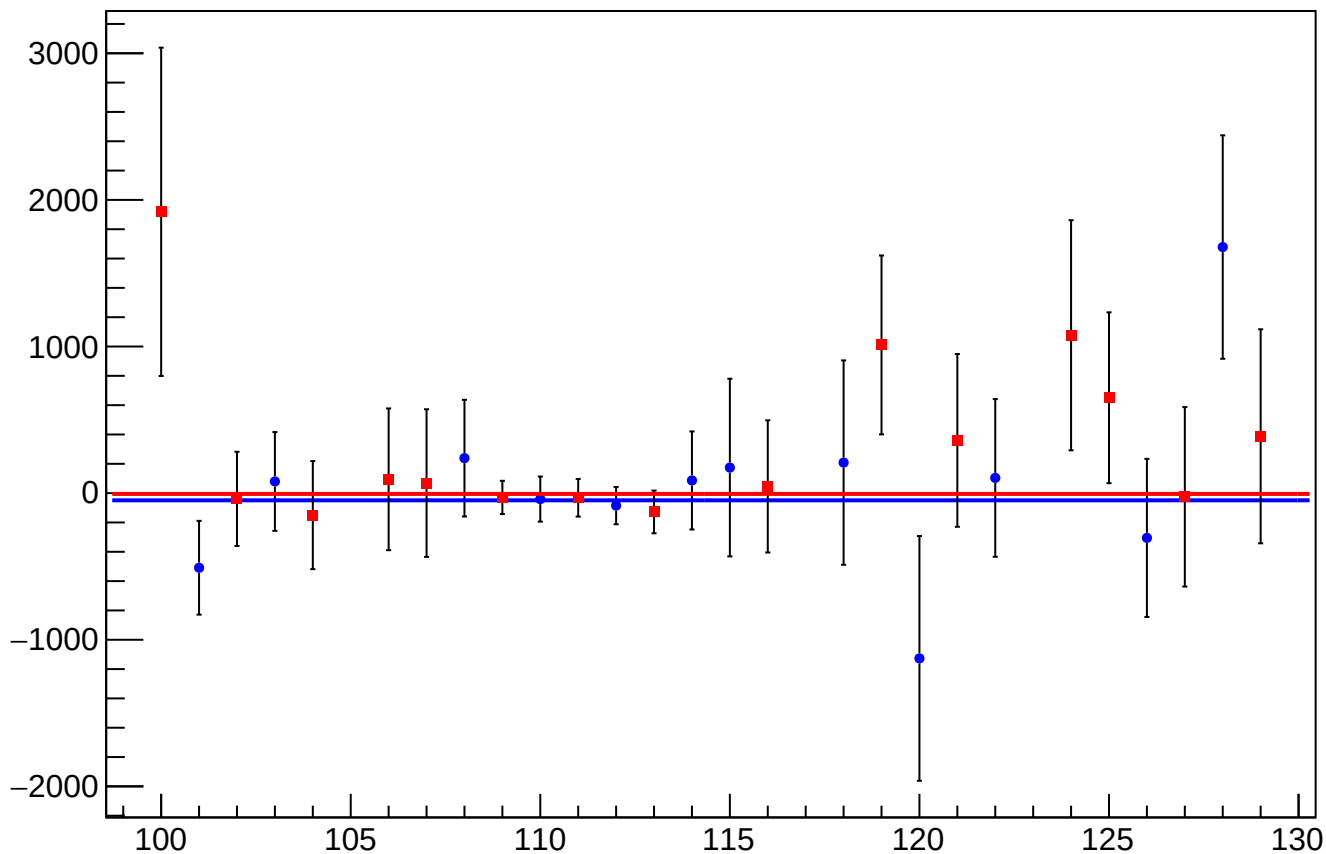
Right: 62.653 $\pm$ 0.014 χ^2 /NDF: 480322.3/26

In: 62.468 $\pm$ 0.020 χ^2 /NDF:222480.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 62.653 $\pm$ 0.014 χ^2 /NDF: 480322.3/26

asym_sam8_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -48.918+/-80.922 χ^2/NDF : 10.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

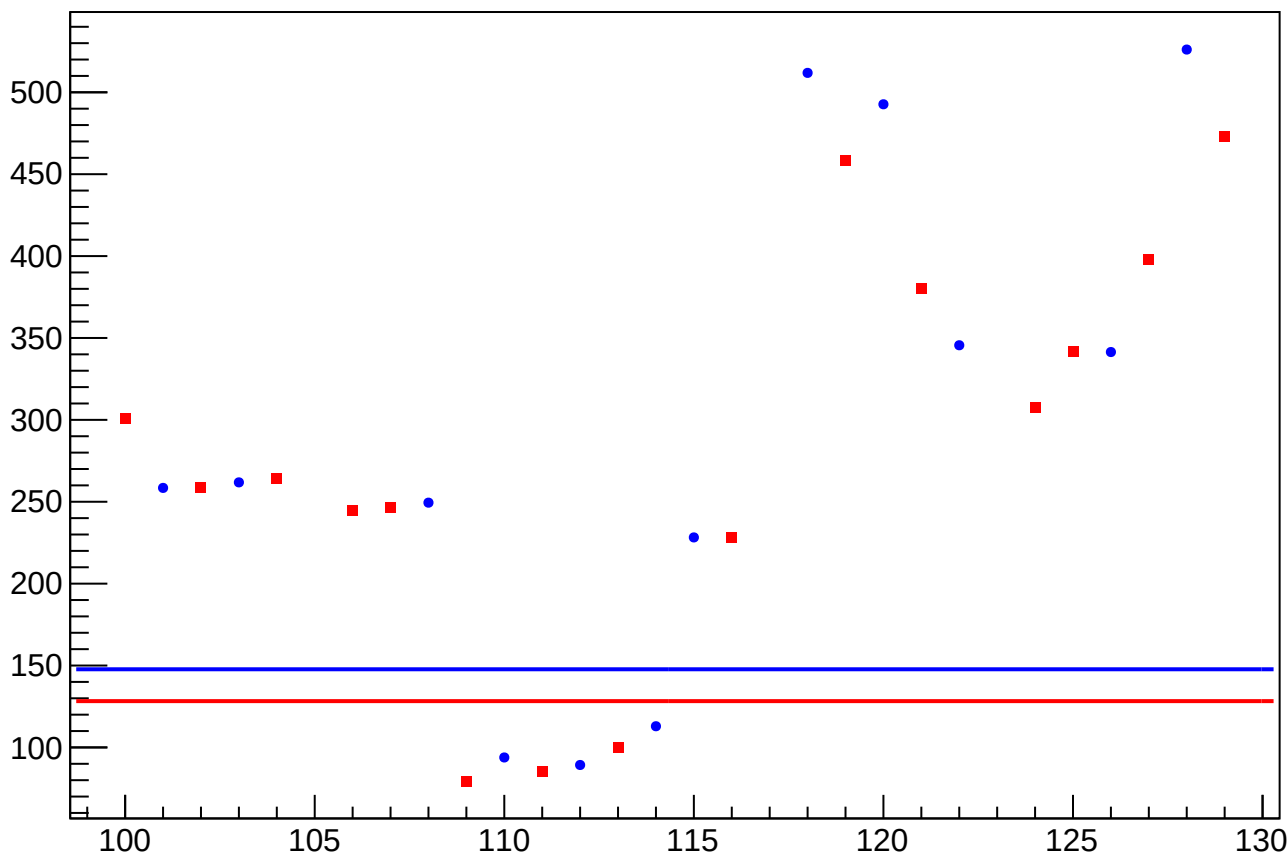
Right: -22.643+/-51.030 χ^2/NDF : 21.2/26

In: -48.918+/-80.922 χ^2/NDF : 10.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.643+/-51.030 χ^2/NDF : 21.2/26

asym_sam8_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 147.719+/-0.057 χ^2/NDF : 3233332.4/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

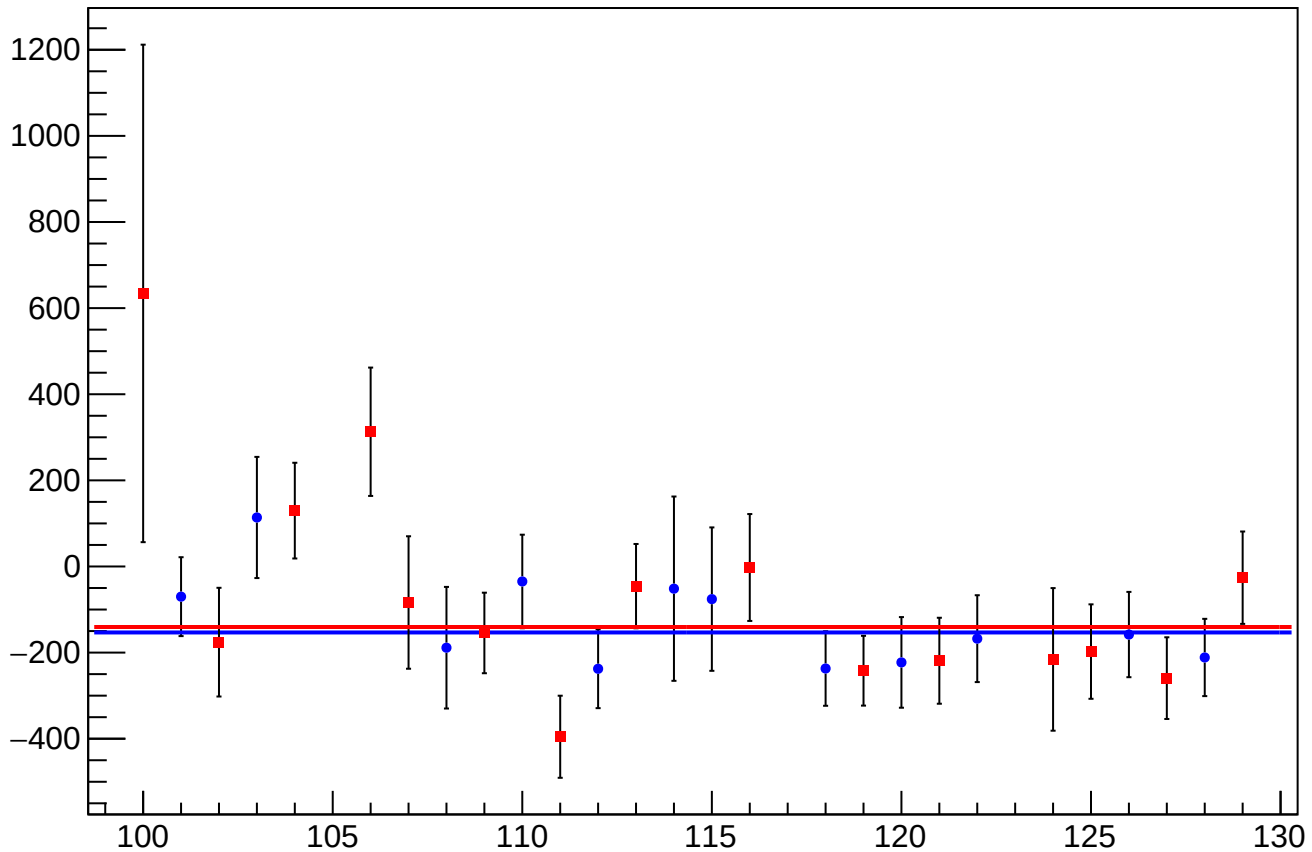
Right: 136.005+/-0.036 χ^2/NDF : 7113736.7/26

In: 147.719+/-0.057 χ^2/NDF :3233332.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 136.005+/-0.036 χ^2/NDF : 7113736.7/26

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -153.234 $\pm$ 31.154 χ^2 /NDF: 8.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -140.569 $\pm$ 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

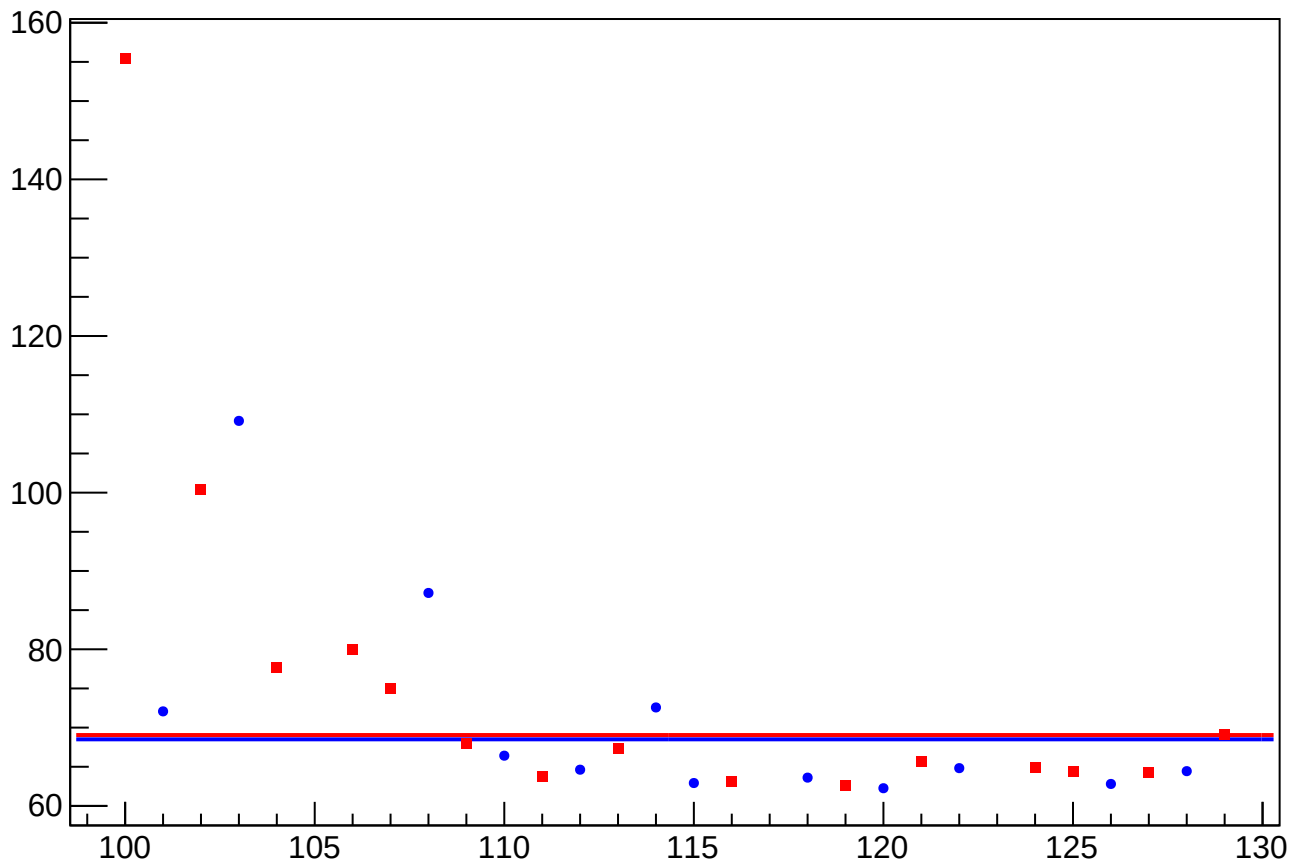
Right: -146.426 $\pm$ 21.185 χ^2 /NDF: 40.8/26

In: -153.234 $\pm$ 31.154 χ^2 /NDF:8.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -146.426 $\pm$ 21.185 χ^2 /NDF: 40.8/26

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 68.503+/-0.022 χ^2/NDF : 239190.3/11

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

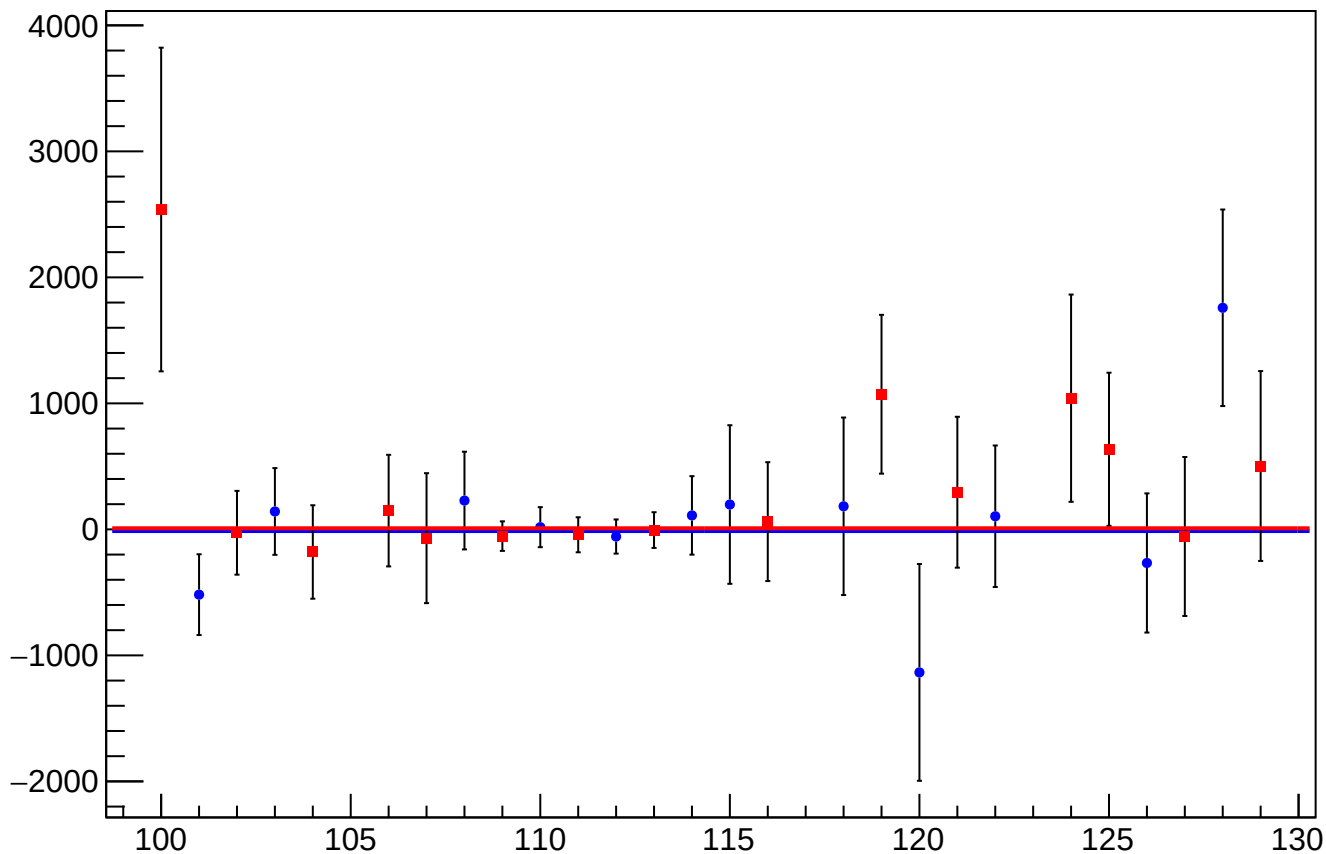
Right: 68.797+/-0.015 χ^2/NDF : 470529.0/26

In: 68.503+/-0.022 χ^2/NDF : 239190.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.797+/-0.015 χ^2/NDF : 470529.0/26

asym_sam8_dit_correction_mean vs Slug, Sign Corrected



Right In: -13.293 $\pm$ 83.577 χ^2 /NDF: 10.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 8.630 $\pm$ 67.636 χ^2 /NDF: 10.9/14

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

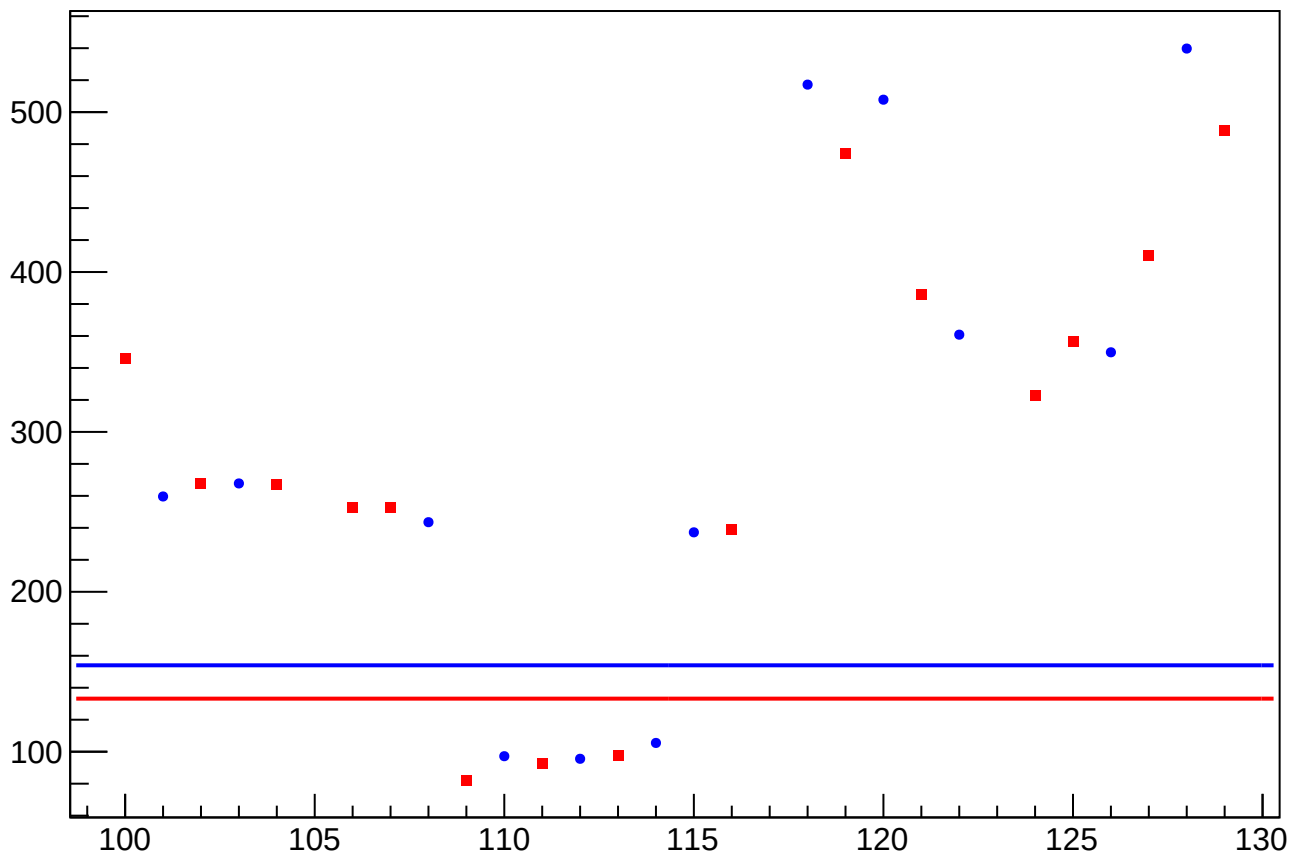
Right: -0.046 $\pm$ 52.576 χ^2 /NDF: 21.6/26

In: -13.293 $\pm$ 83.577 χ^2 /NDF:10.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.046 $\pm$ 52.576 χ^2 /NDF: 21.6/26

asym_sam8_dit_correction_rms vs Slug, Sign Corrected



Right In: 154.030+/-0.059 χ^2/NDF : 3135162.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

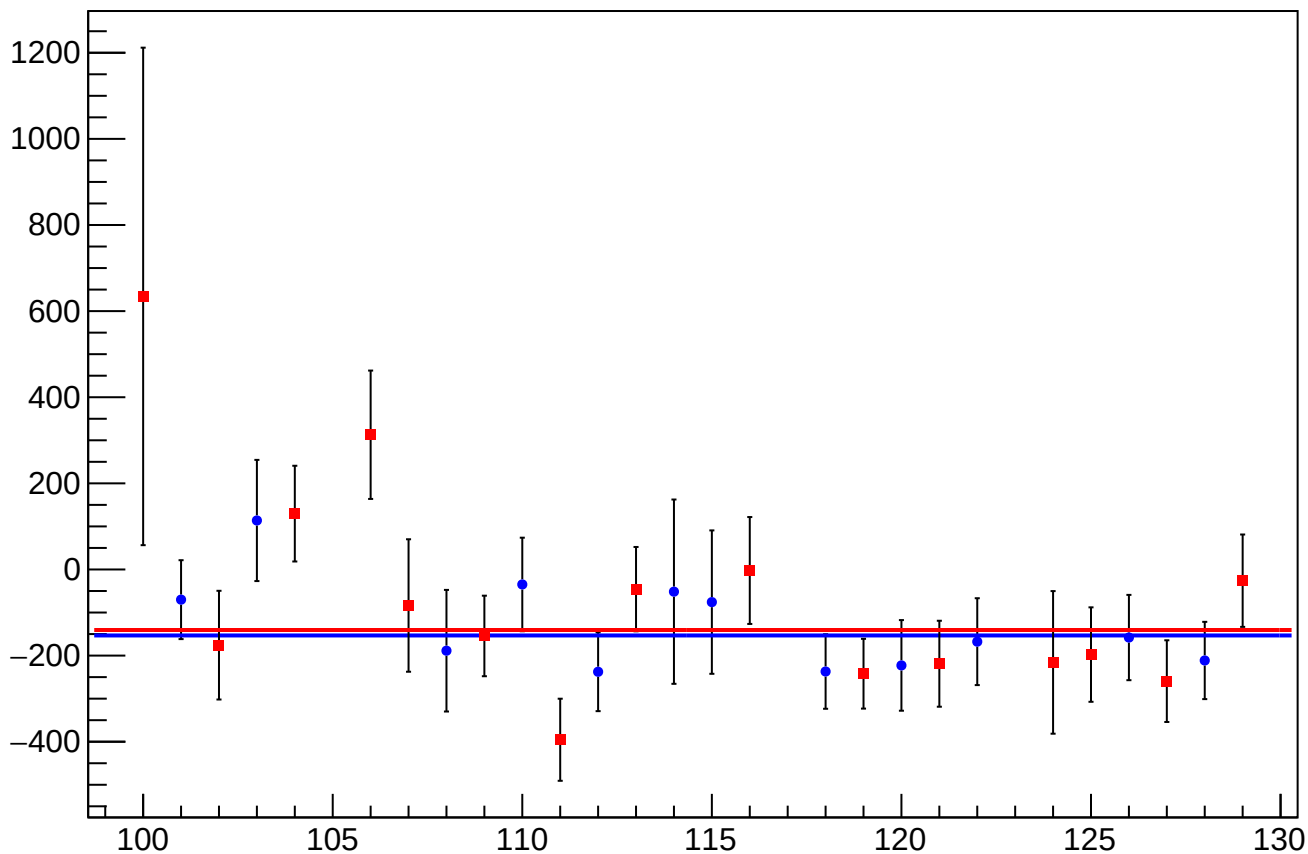
Right: 141.433+/-0.037 χ^2/NDF : 7037974.3/26

In: 154.030+/-0.059 χ^2/NDF : 3135162.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.433+/-0.037 χ^2/NDF : 7037974.3/26

eigen_dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -153.234+/-31.154 χ^2/NDF : 8.8/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -140.571+/-28.894 χ^2/NDF : 31.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

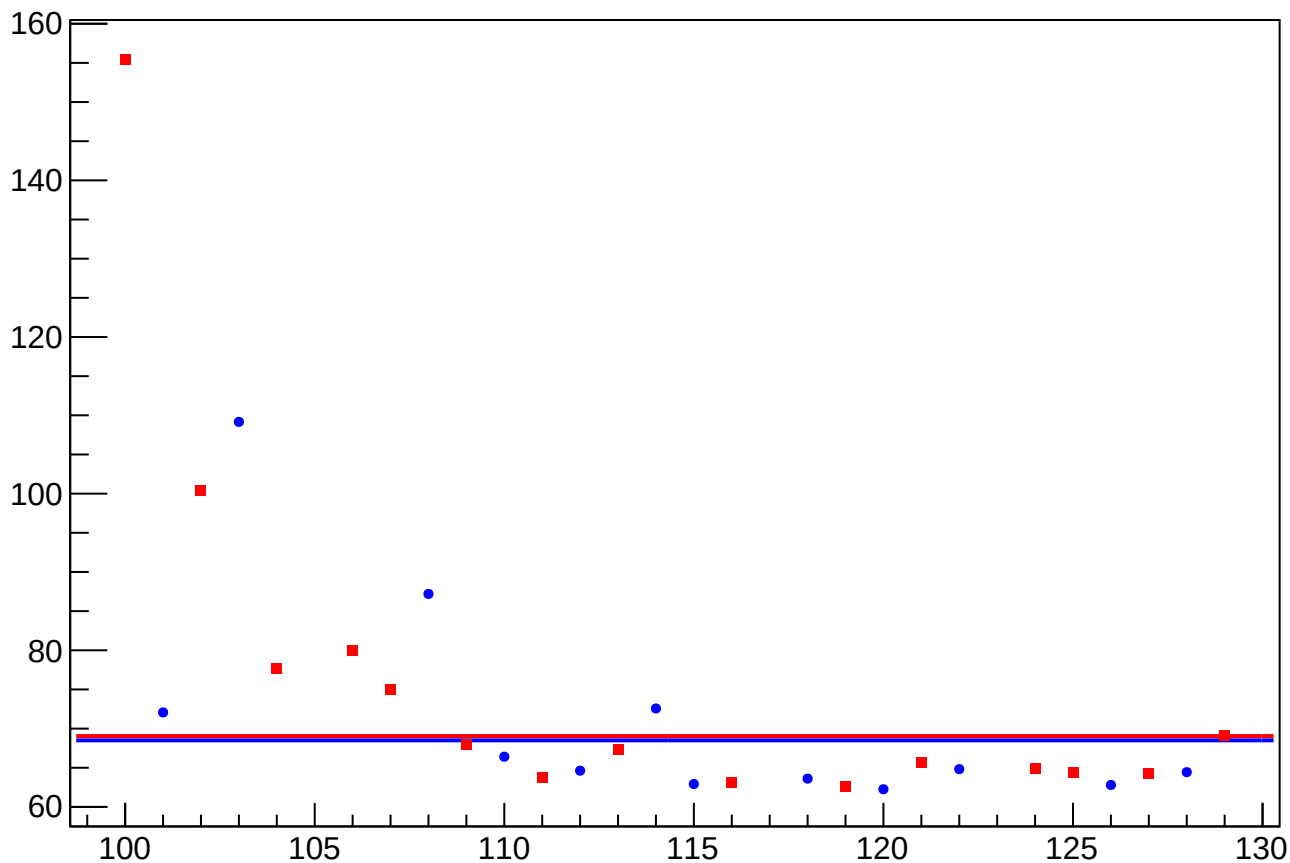
Right: -146.427+/-21.185 χ^2/NDF : 40.8/26

In: -153.234+/-31.154 χ^2/NDF :8.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -146.427+/-21.185 χ^2/NDF : 40.8/26

eigen_dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 68.503+/-0.022 χ^2/NDF : 239192.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.049+/-0.020 χ^2/NDF : 231010.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

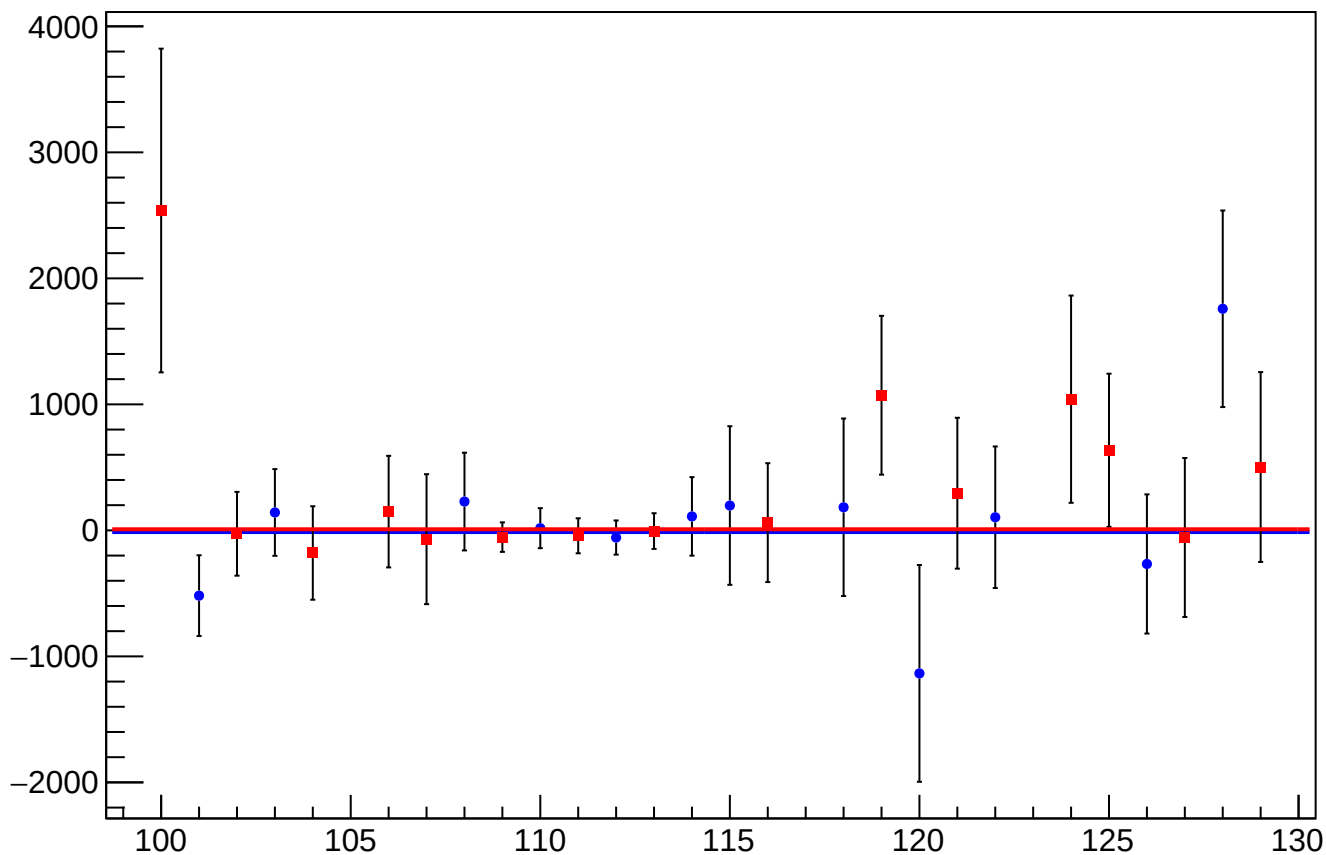
Right: 68.797+/-0.015 χ^2/NDF : 470533.3/26

In: 68.503+/-0.022 χ^2/NDF : 239192.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.797+/-0.015 χ^2/NDF : 470533.3/26

asym_sam8_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -13.293+/-83.576 χ^2/NDF : 10.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

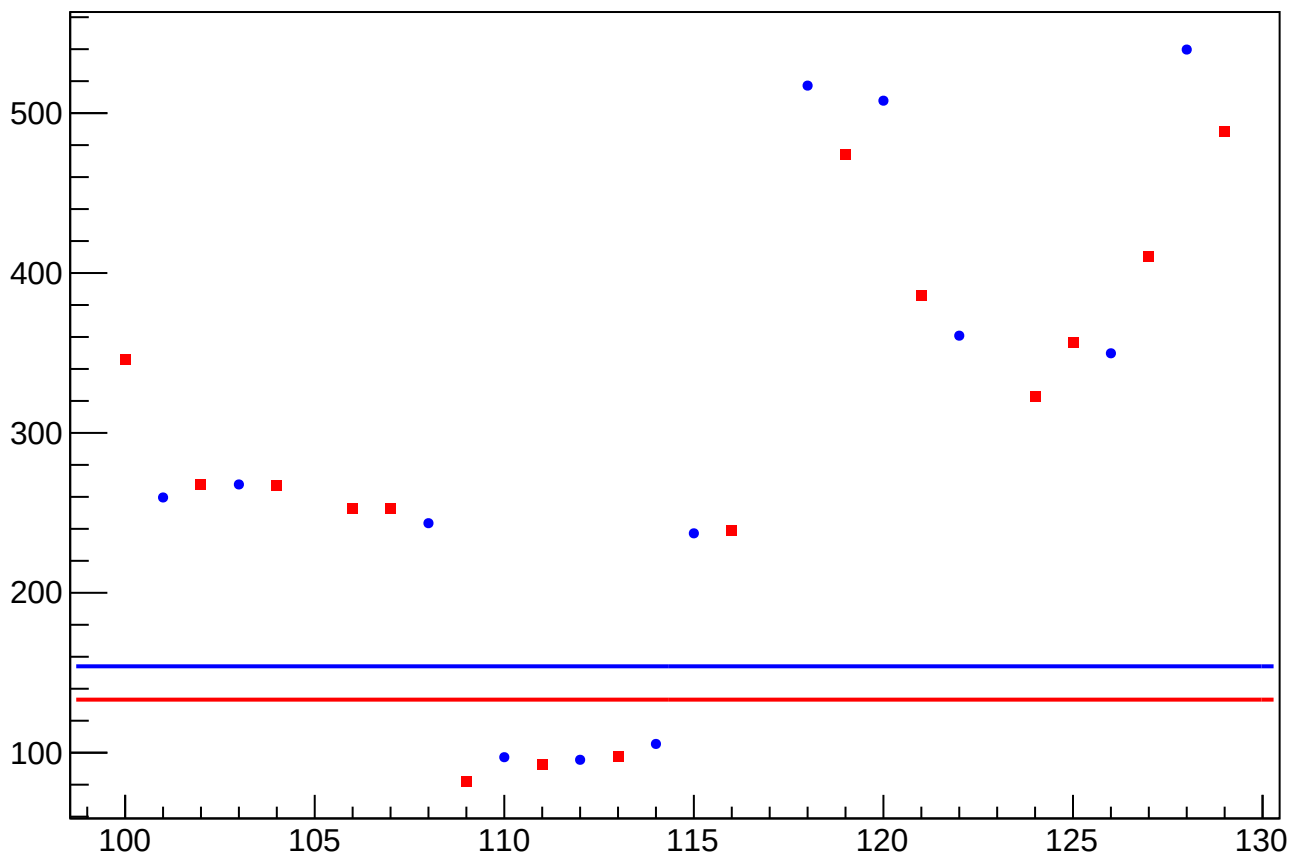
Right: -0.047+/-52.576 χ^2/NDF : 21.6/26

In: -13.293+/-83.576 χ^2/NDF :10.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.047+/-52.576 χ^2/NDF : 21.6/26

asym_sam8_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 154.029+/-0.059 χ^2/NDF : 3135174.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

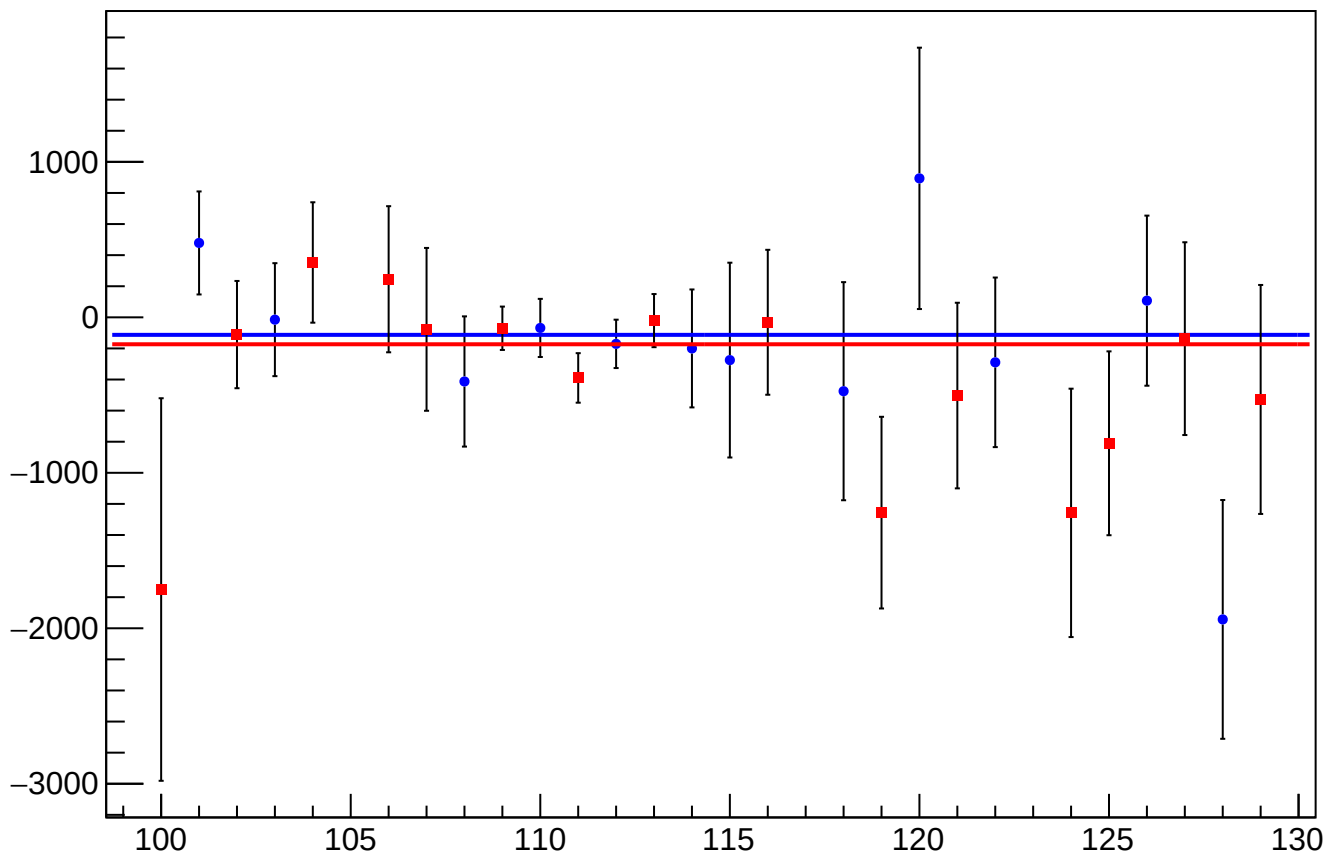
Right: 141.433+/-0.037 χ^2/NDF : 7037962.9/26

In: 154.029+/-0.059 χ^2/NDF : 3135174.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.433+/-0.037 χ^2/NDF : 7037962.9/26

asym_sam8_mean vs Slug, Sign Corrected



Right In: -112.684 $\pm$ 93.803 χ^2 /NDF: 11.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -173.231 $\pm$ 77.174 χ^2 /NDF: 14.3/14

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

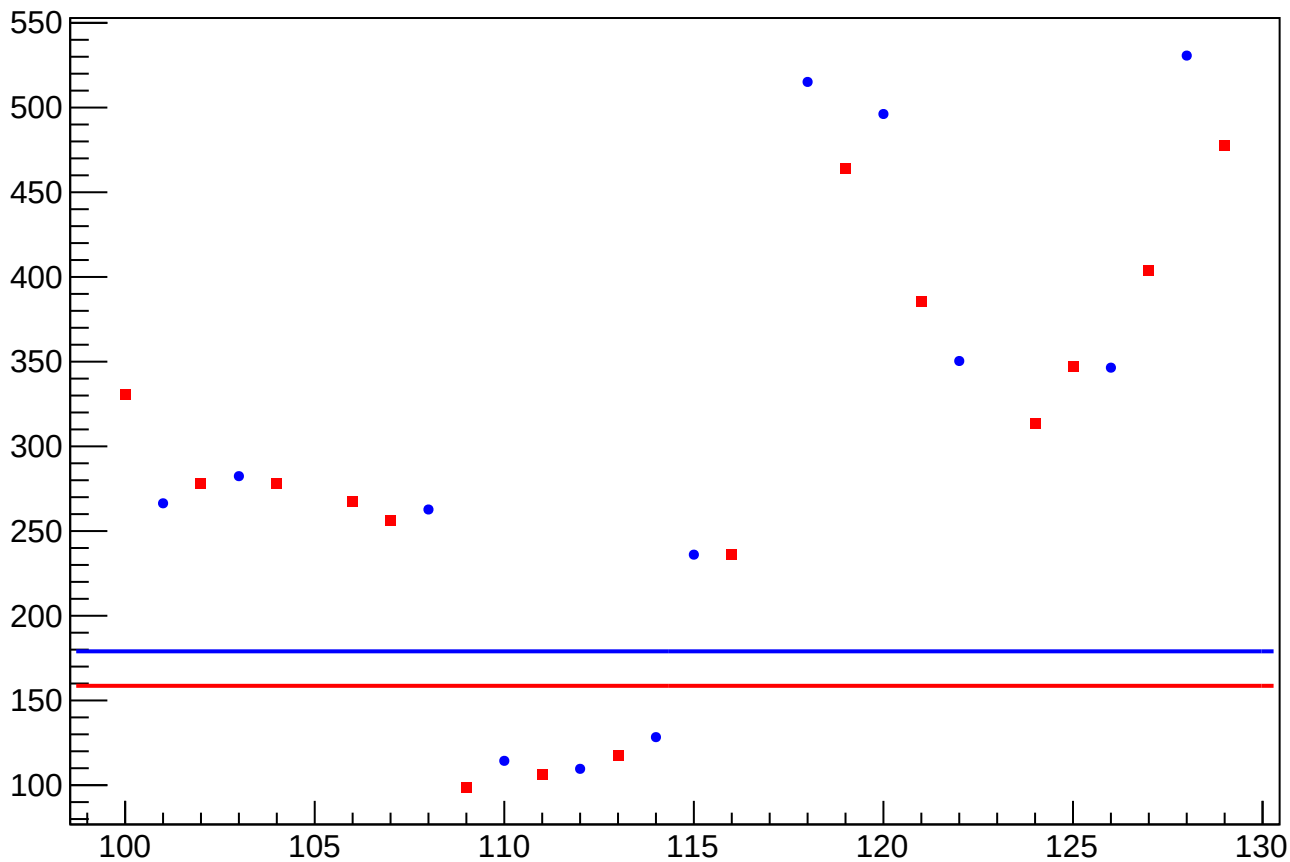
Right: -148.791 $\pm$ 59.596 χ^2 /NDF: 26.2/26

In: -112.684 $\pm$ 93.803 χ^2 /NDF:11.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -148.791 $\pm$ 59.596 χ^2 /NDF: 26.2/26

asym_sam8_rms vs Slug, Sign Corrected



Right In: 179.004+/-0.066 χ^2/NDF : 2618438.7/11

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

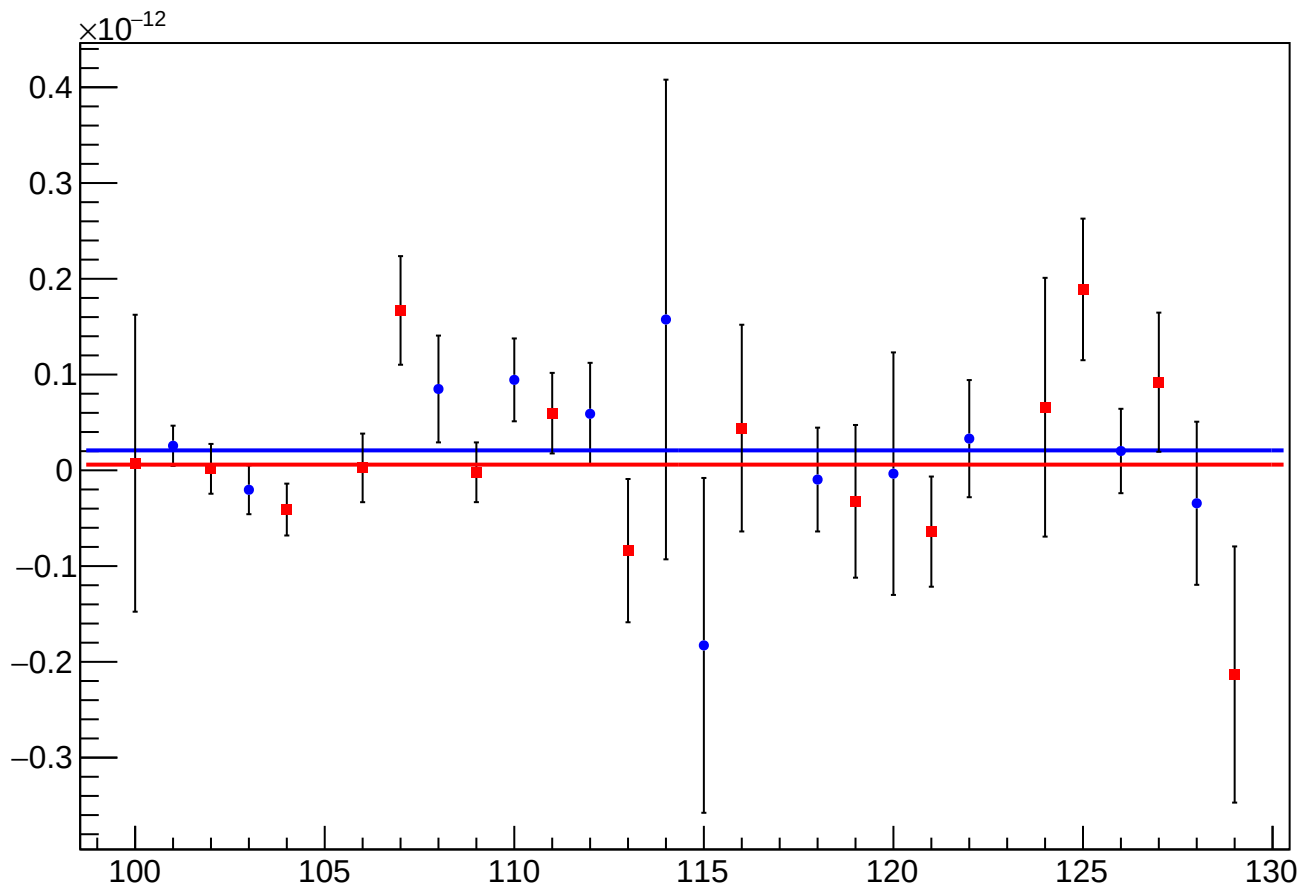
Right: 166.860+/-0.042 χ^2/NDF : 5824550.4/26

In: 179.004+/-0.066 χ^2/NDF : 2618438.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.860+/-0.042 χ^2/NDF : 5824550.4/26

asym_sam8_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

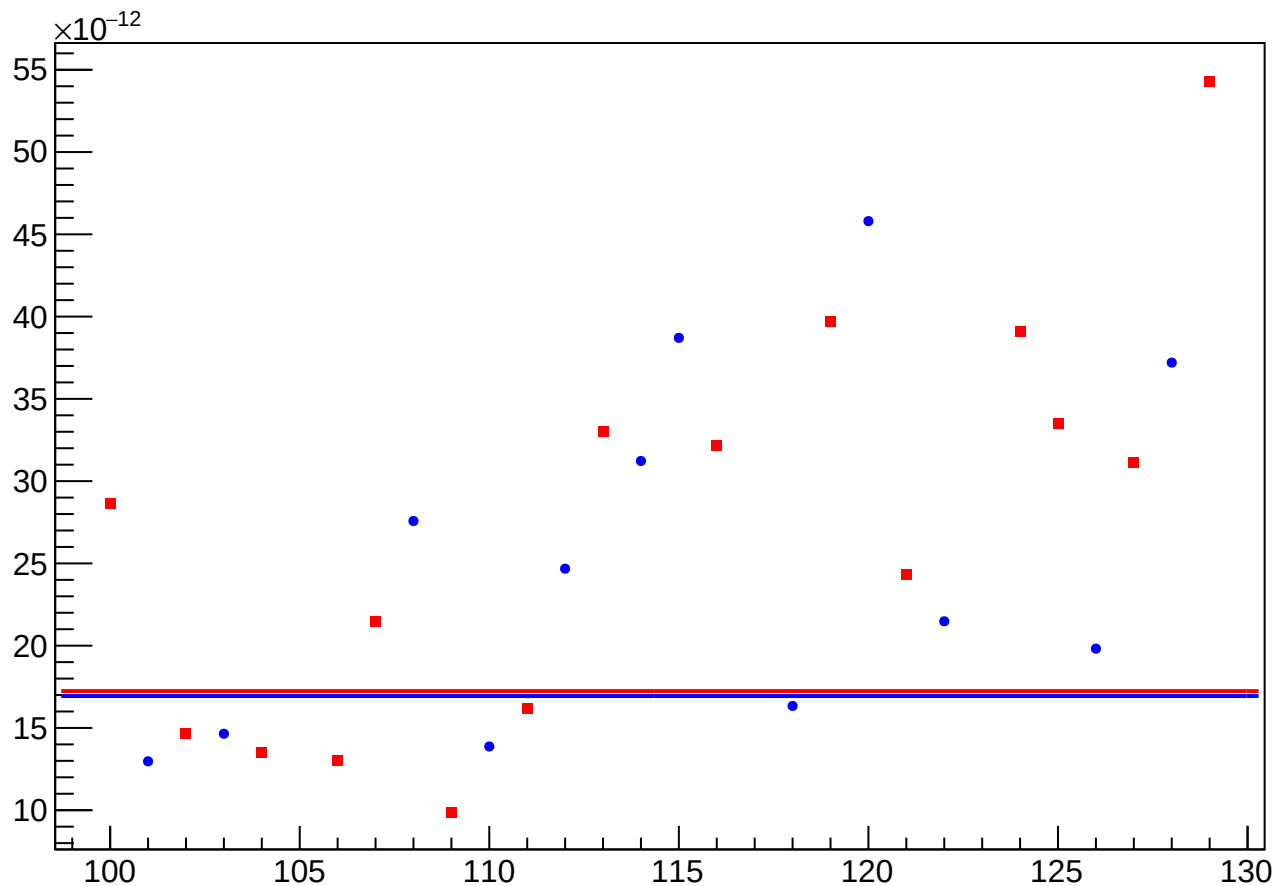
Right: 0.000+/-0.000 χ^2/NDF : 37.1/26

In: 0.000+/-0.000 χ^2/NDF : 9.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 37.1/26

asym_sam8_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 487226.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

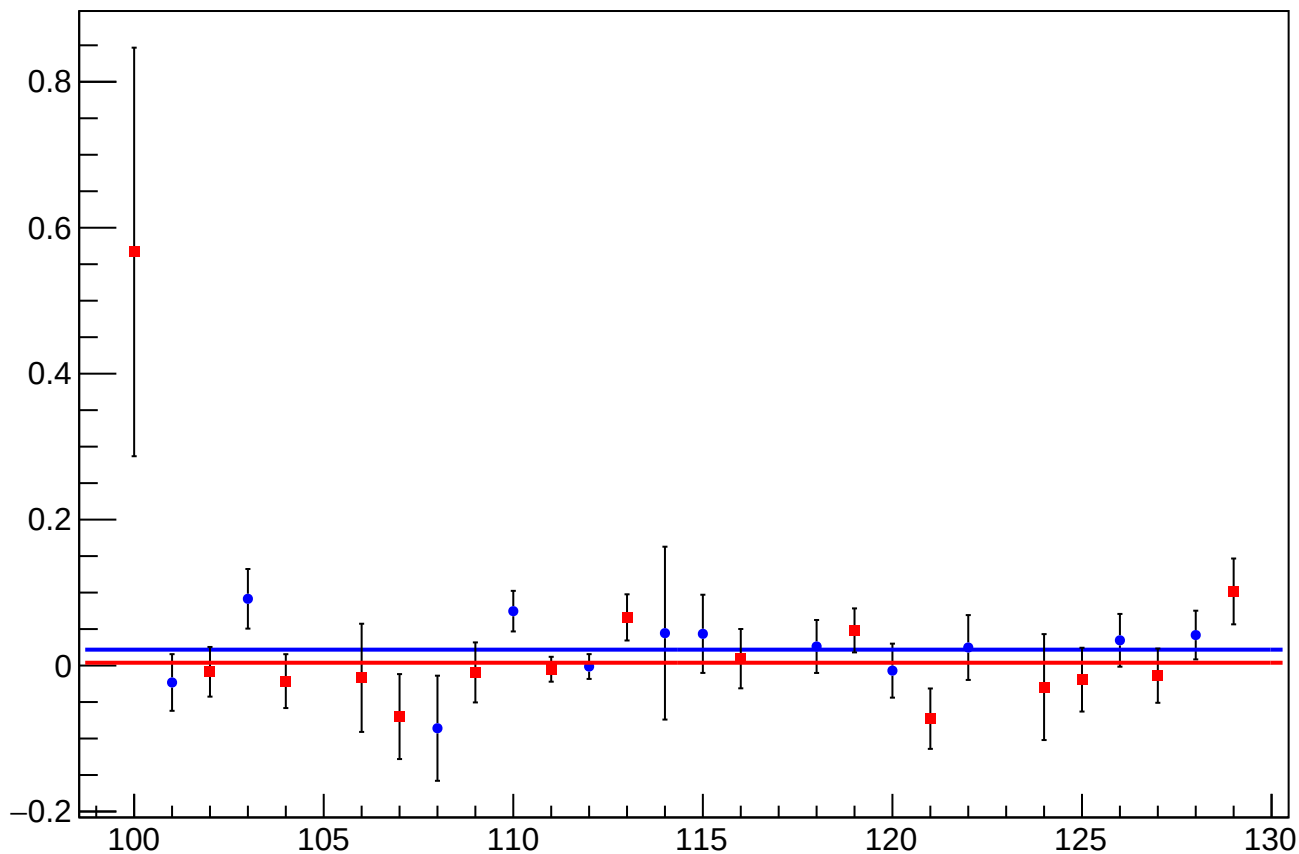
Right: 0.000+/-0.000 χ^2/NDF : 1402071.0/26

In: 0.000+/-0.000 χ^2/NDF : 487226.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1402071.0/26

asym_sam8_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022 $\pm$ 0.010 χ^2 /NDF: 13.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 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

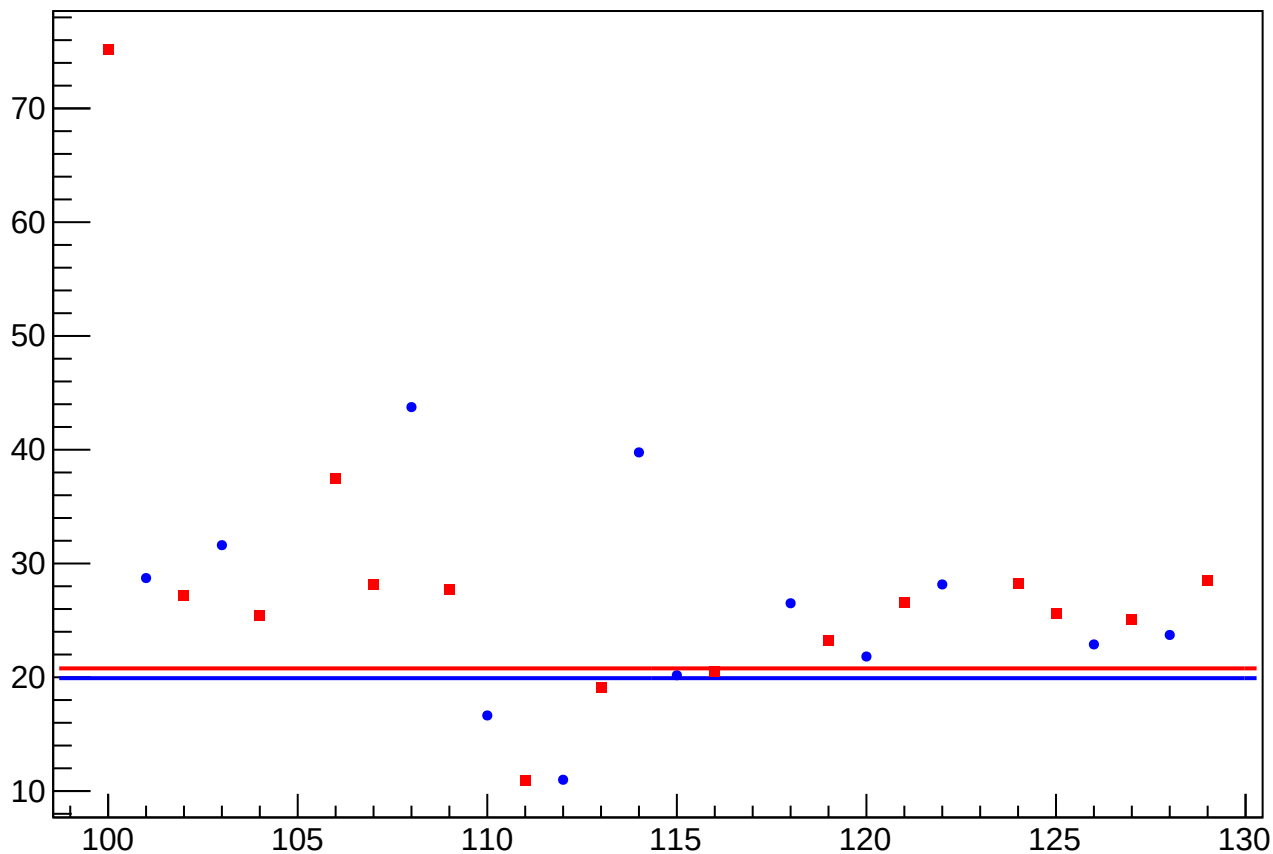
Right: 0.012 $\pm$ 0.007 χ^2 /NDF: 36.6/26

In: 0.022 $\pm$ 0.010 χ^2 /NDF:13.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.012 $\pm$ 0.007 χ^2 /NDF: 36.6/26

asym_sam8_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.922+/-0.007 χ^2/NDF : 1301162.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 20.782+/-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

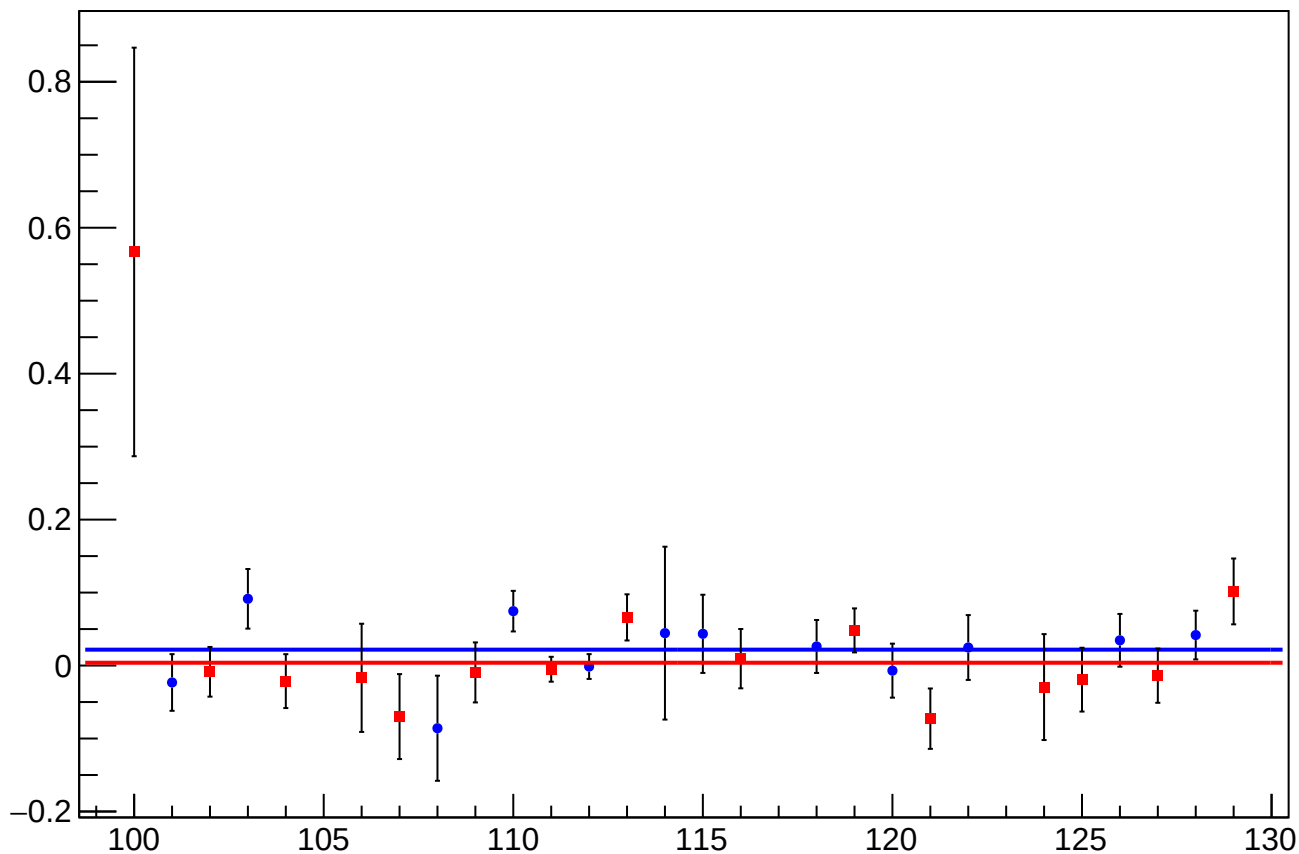
Right: 20.373+/-0.005 χ^2/NDF : 2536822.6/26

In: 19.922+/-0.007 χ^2/NDF :1301162.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20.373+/-0.005 χ^2/NDF : 2536822.6/26

asym_sam8_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.010 χ^2/NDF : 13.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-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

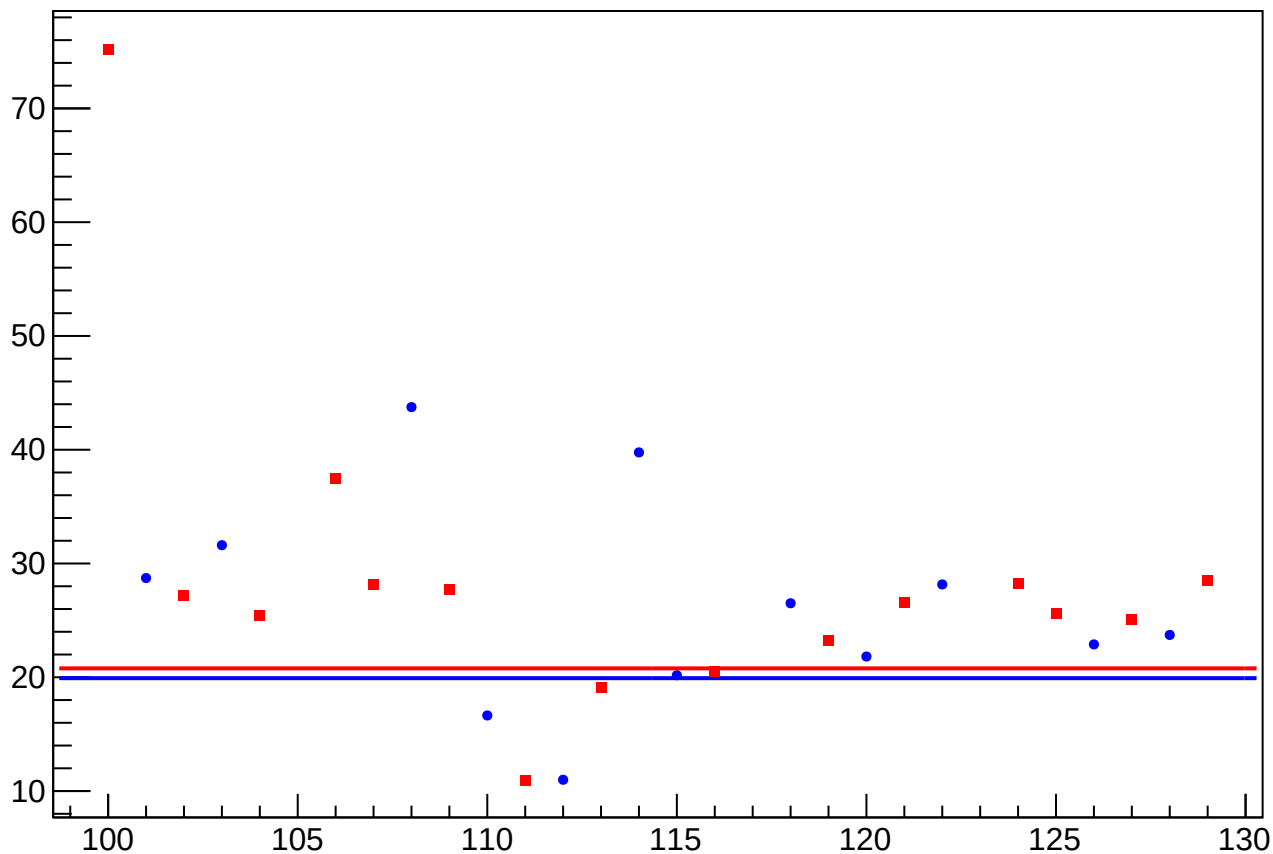
Right: 0.012+/-0.007 χ^2/NDF : 36.6/26

In: 0.022+/-0.010 χ^2/NDF : 13.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.007 χ^2/NDF : 36.6/26

asym_sam8_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.922+/-0.007 χ^2/NDF : 1301162.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.782+/-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

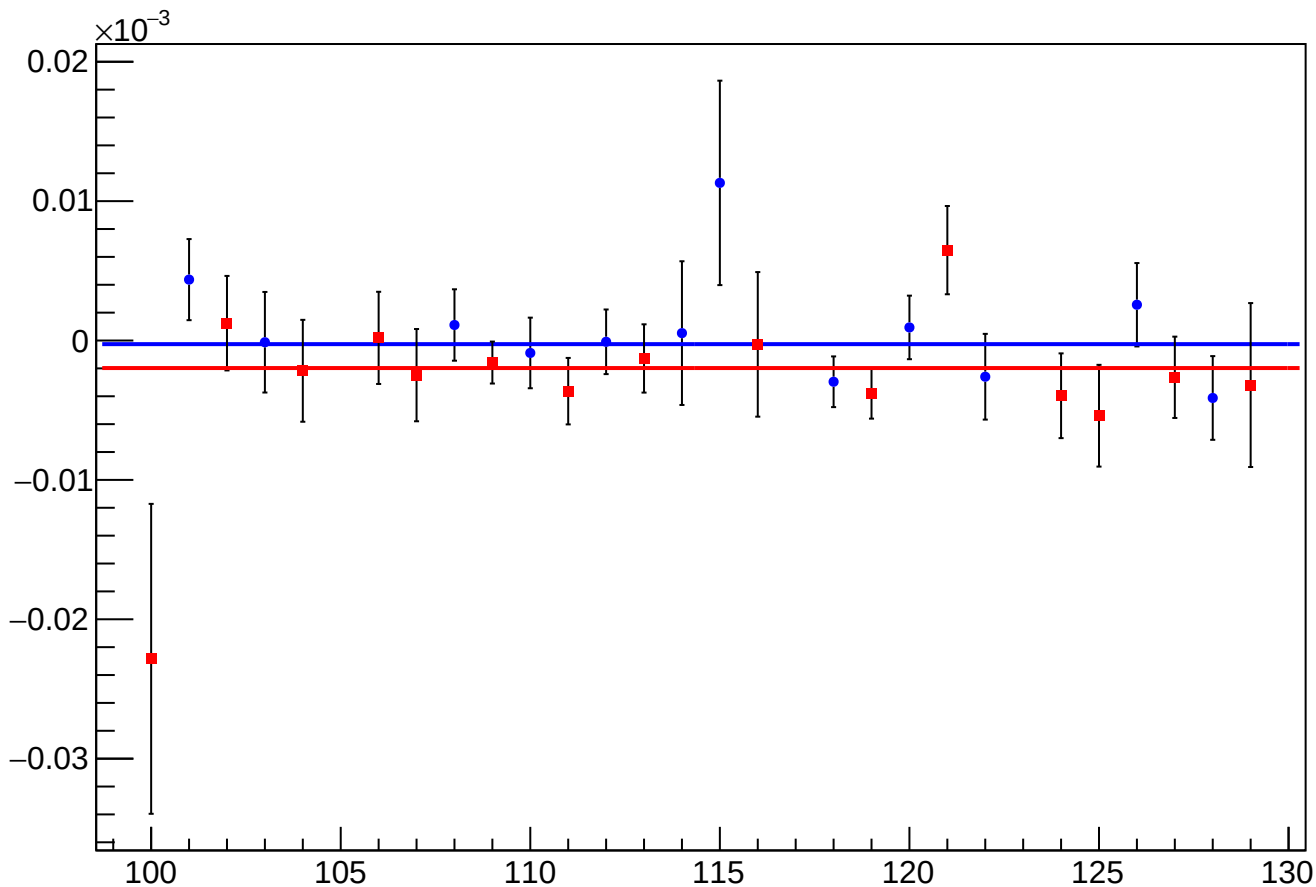
Right: 20.373+/-0.005 χ^2/NDF : 2536822.6/26

In: 19.922+/-0.007 χ^2/NDF : 1301162.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.373+/-0.005 χ^2/NDF : 2536822.6/26

asym_sam8_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.0/11

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

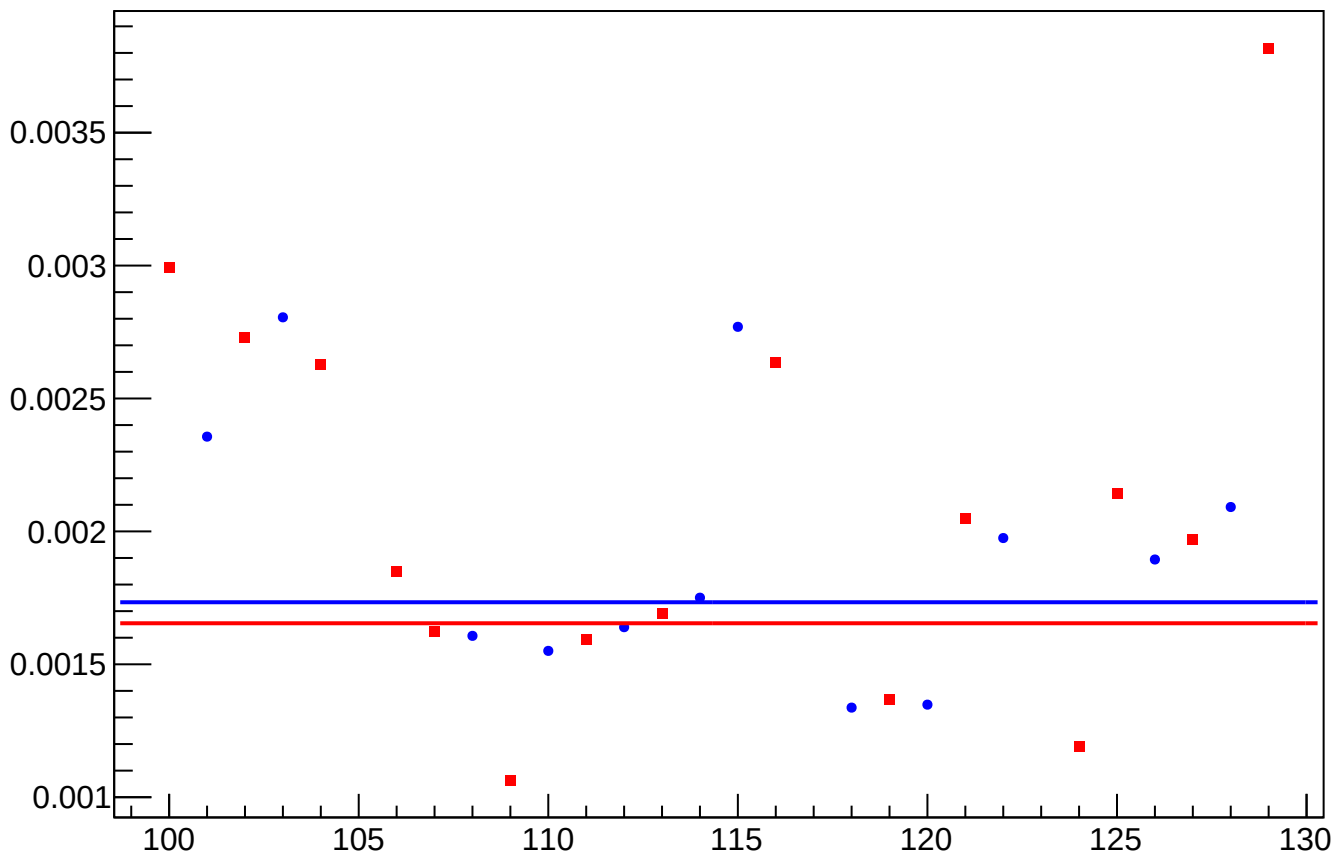
Right: -0.000+/-0.000 χ^2/NDF : 28.7/26

In: -0.000+/-0.000 χ^2/NDF : 11.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.7/26

asym_sam8_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 525423.2/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 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

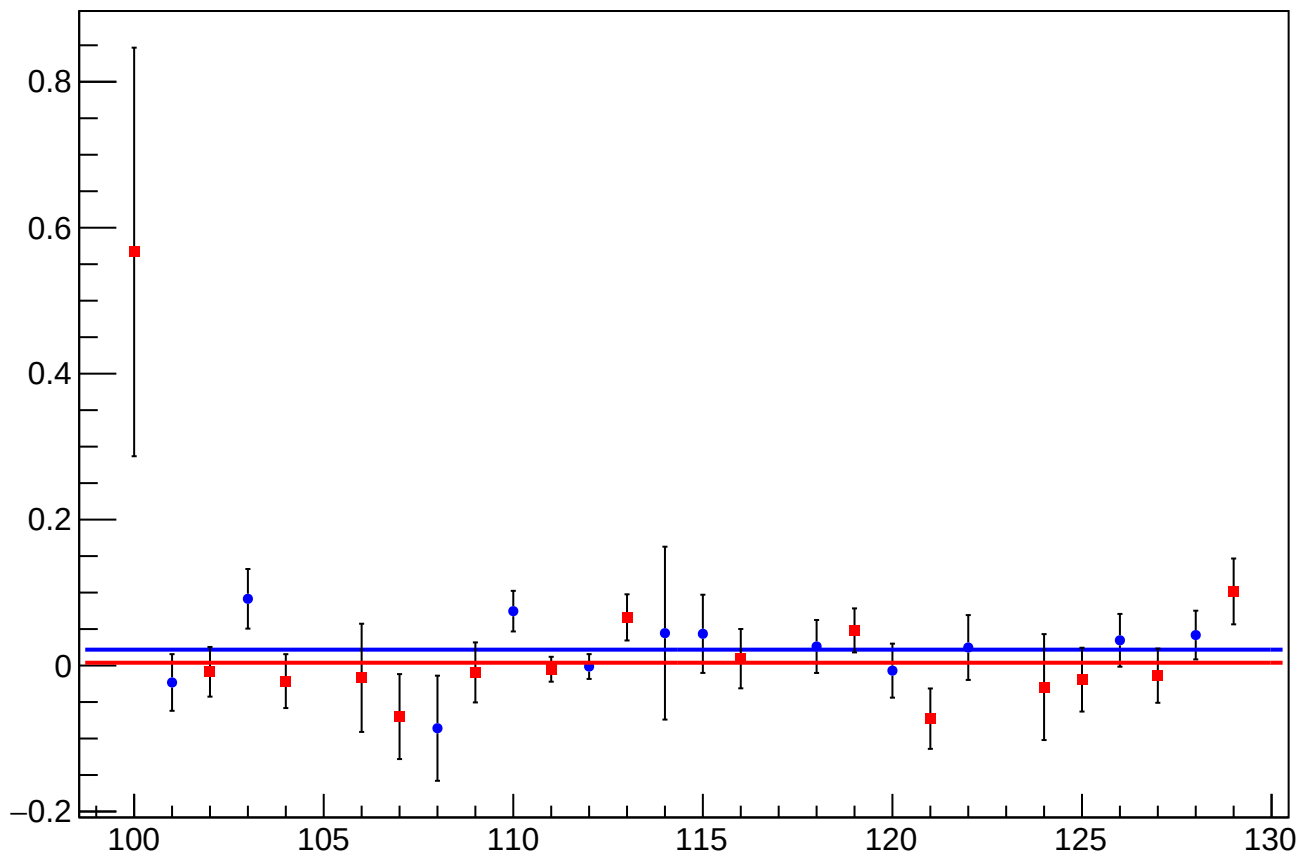
Right: 0.002+/-0.000 χ^2/NDF : 1754719.9/26

In: 0.002+/-0.000 χ^2/NDF :525423.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1754719.9/26

asym_sam8_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.010 χ^2/NDF : 13.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-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

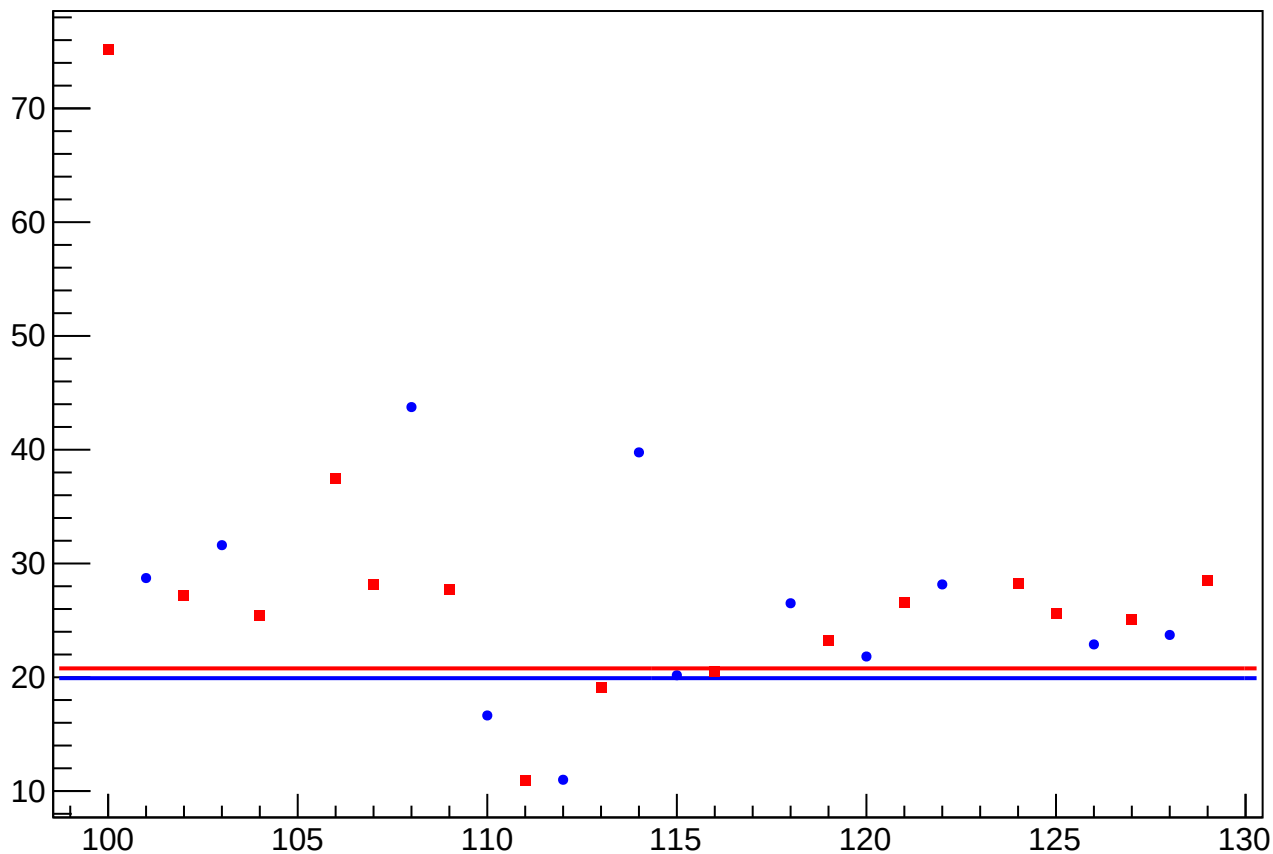
Right: 0.012+/-0.007 χ^2/NDF : 36.6/26

In: 0.022+/-0.010 χ^2/NDF : 13.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.007 χ^2/NDF : 36.6/26

asym_sam8_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.921+/-0.007 χ^2/NDF : 1301306.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.781+/-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

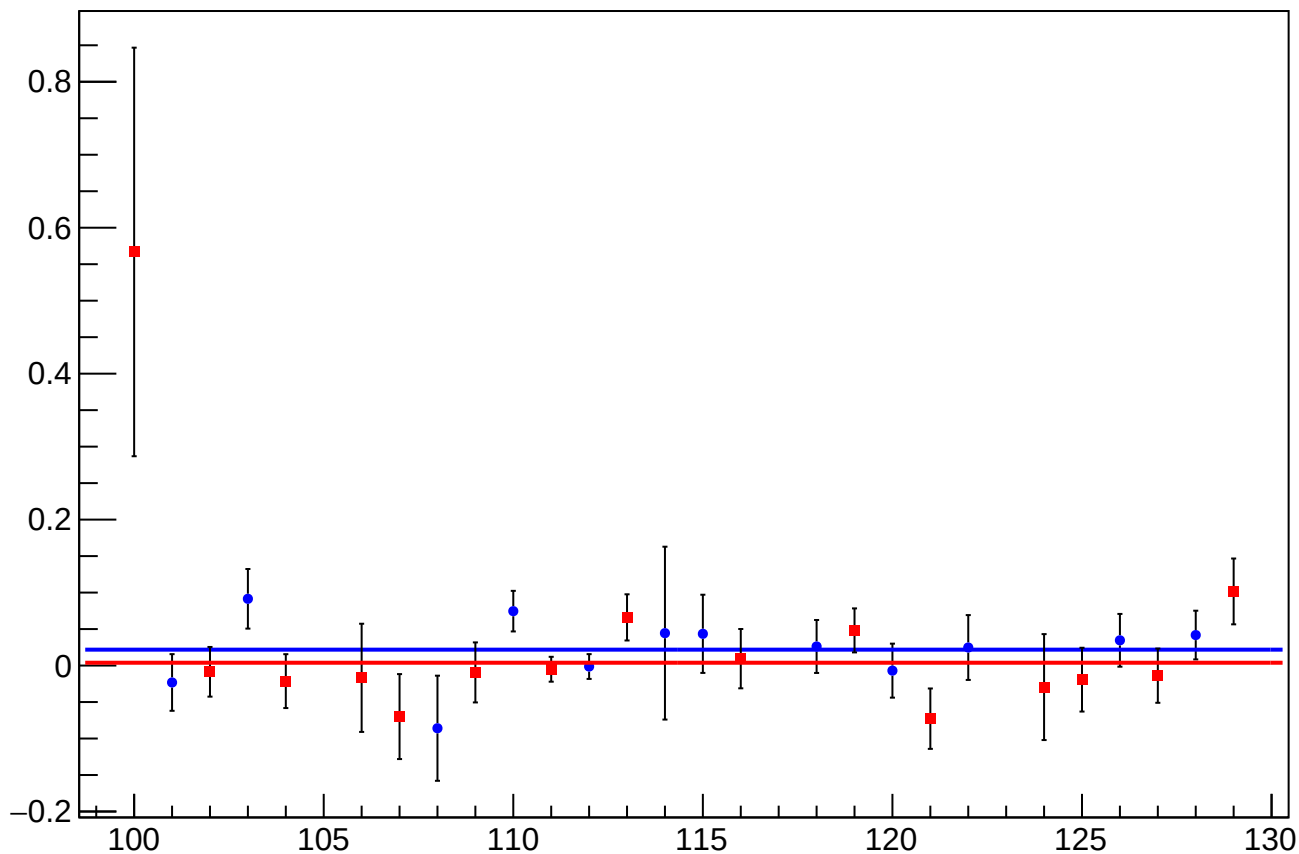
Right: 20.372+/-0.005 χ^2/NDF : 2537090.0/26

In: 19.921+/-0.007 χ^2/NDF : 1301306.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.372+/-0.005 χ^2/NDF : 2537090.0/26

asym_sam8_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022 $\pm$ 0.010 χ^2 /NDF: 13.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 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

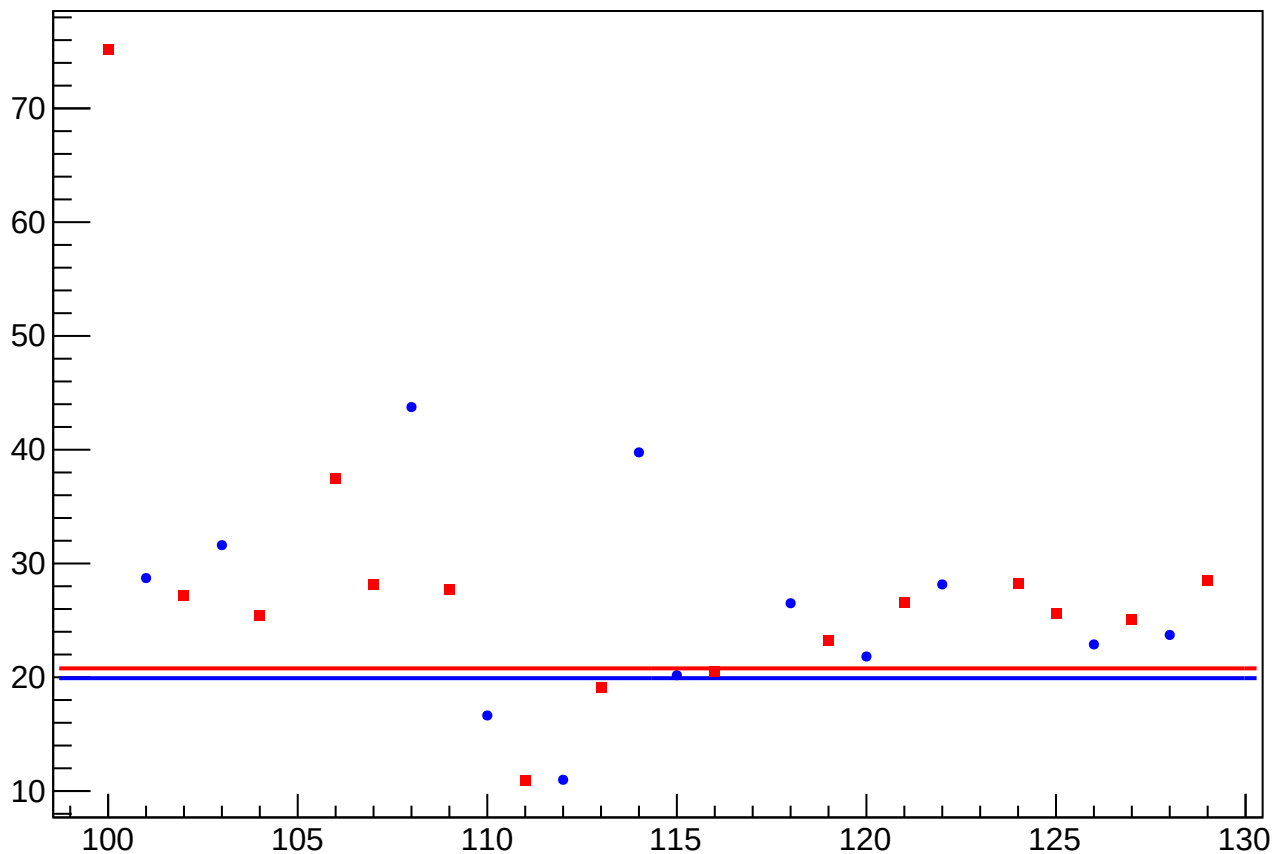
Right: 0.012 $\pm$ 0.007 χ^2 /NDF: 36.6/26

In: 0.022 $\pm$ 0.010 χ^2 /NDF:13.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.012 $\pm$ 0.007 χ^2 /NDF: 36.6/26

asym_sam8_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.921+/-0.007 χ^2/NDF : 1301306.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.781+/-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

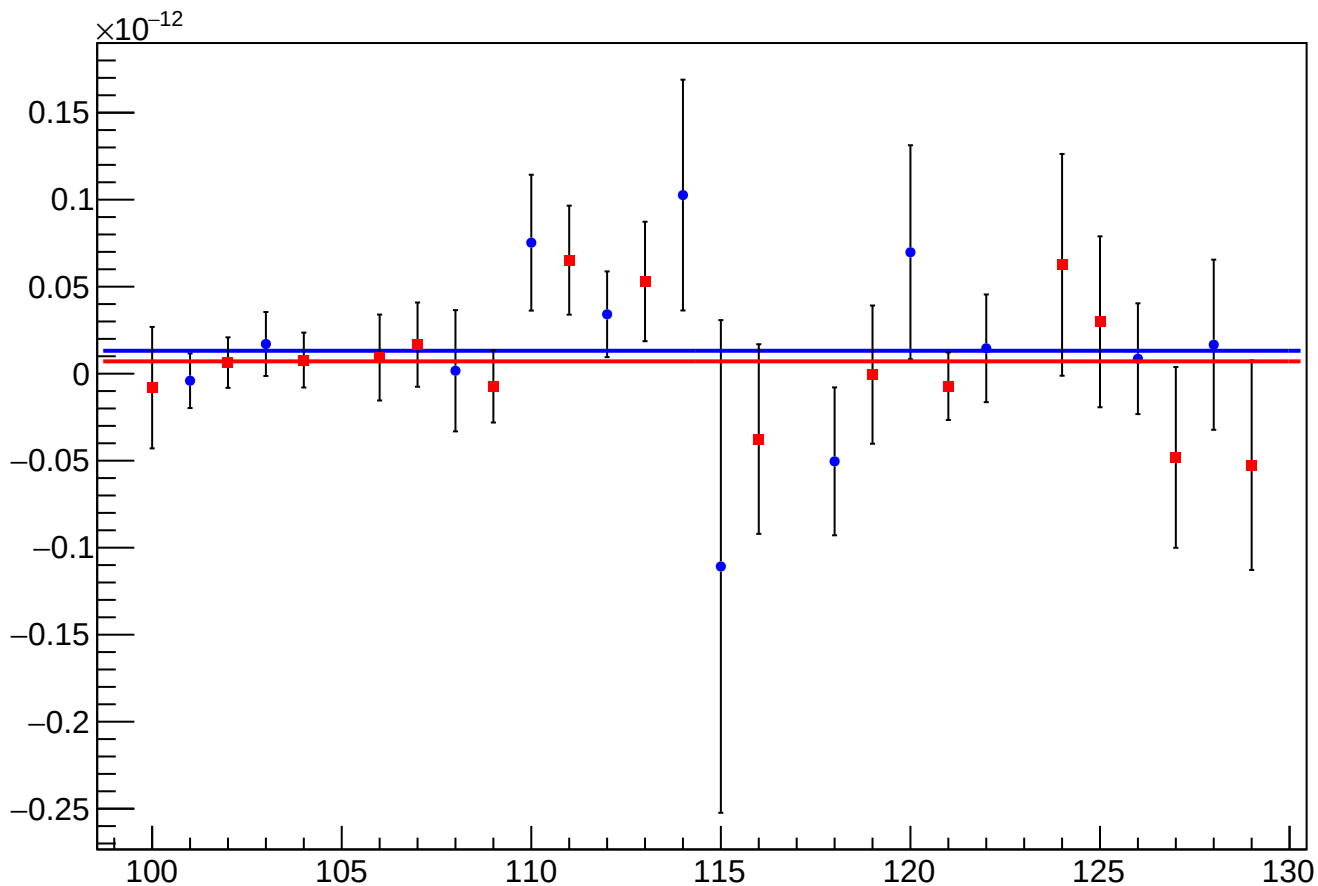
Right: 20.372+/-0.005 χ^2/NDF : 2537090.0/26

In: 19.921+/-0.007 χ^2/NDF : 1301306.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.372+/-0.005 χ^2/NDF : 2537090.0/26

asym_sam8_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

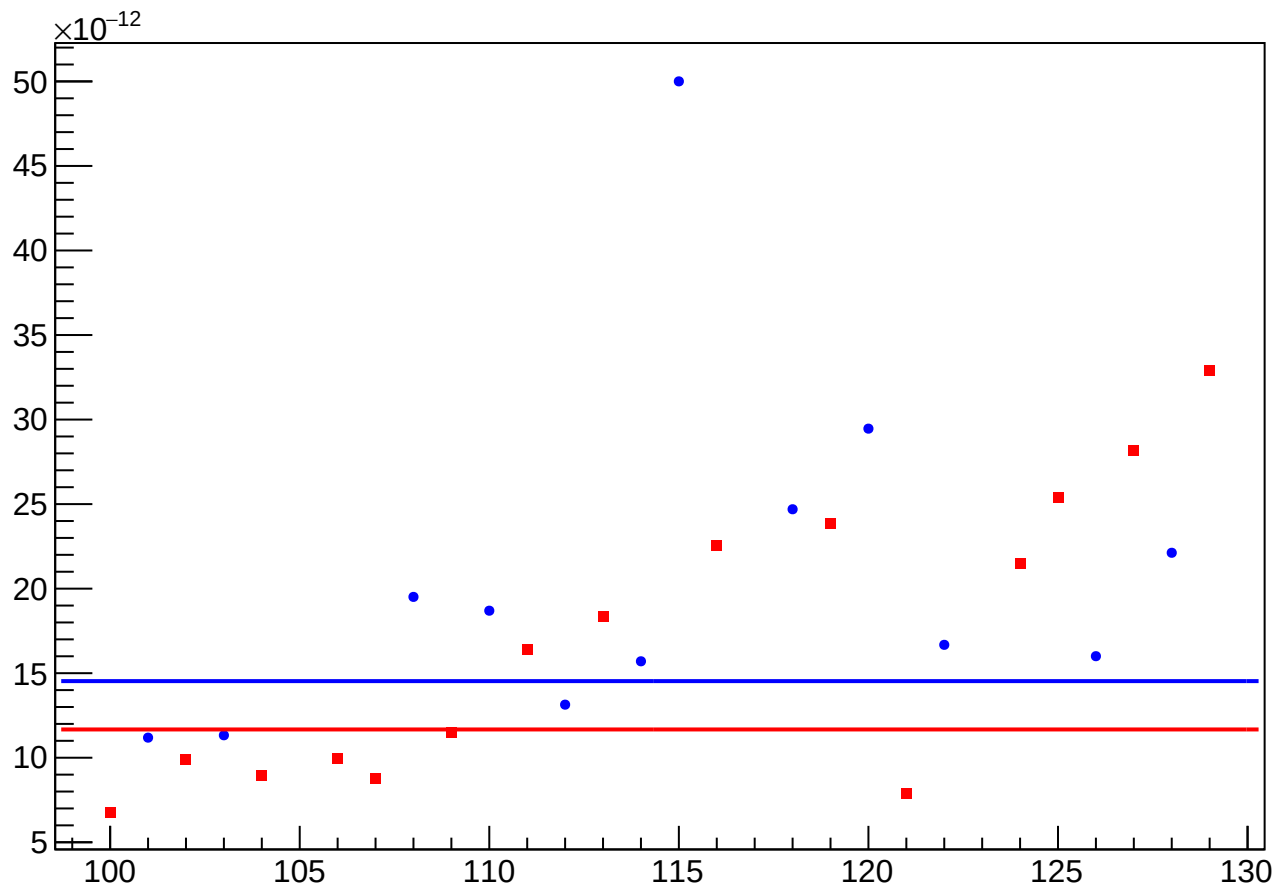
Right: 0.000+/-0.000 χ^2/NDF : 21.0/26

In: 0.000+/-0.000 χ^2/NDF : 10.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.0/26

asym_sam8_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 641880.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

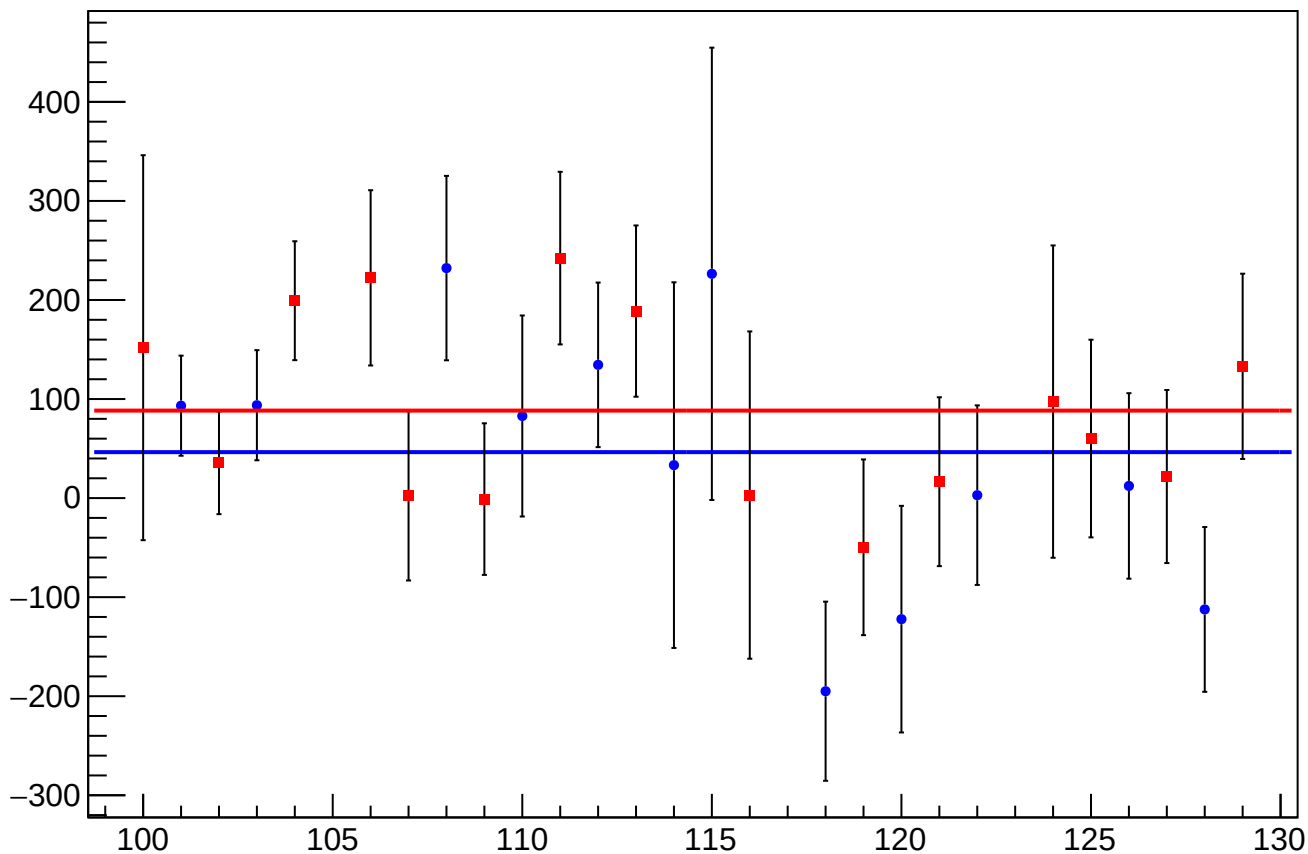
Right: 0.000+/-0.000 χ^2/NDF : 2068644.6/26

In: 0.000+/-0.000 χ^2/NDF : 641880.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2068644.6/26

reg_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 46.401 $\pm$ 24.251 χ^2 /NDF: 20.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 88.344 $\pm$ 22.007 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

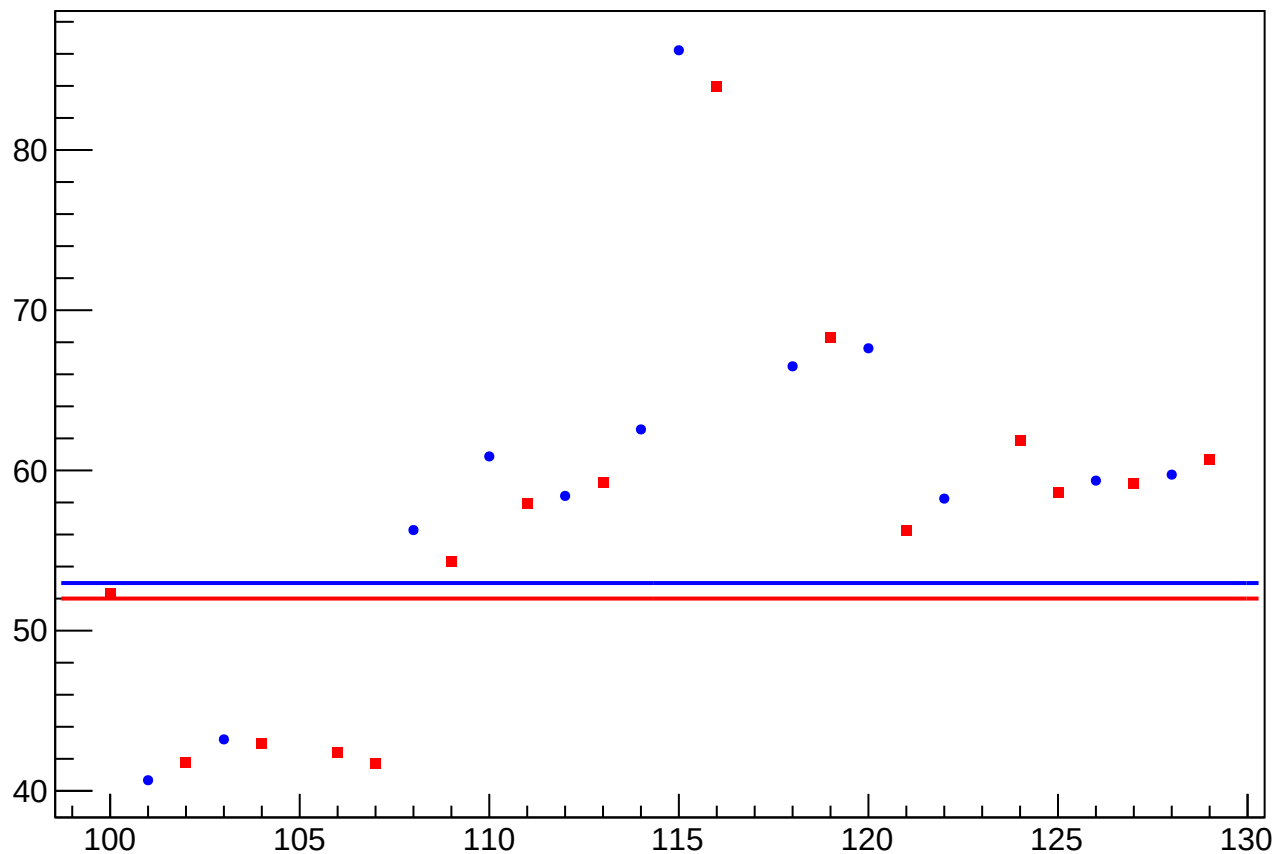
Right: 69.403 $\pm$ 16.297 χ^2 /NDF: 40.4/26

In: 46.401 $\pm$ 24.251 χ^2 /NDF:20.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 69.403 $\pm$ 16.297 χ^2 /NDF: 40.4/26

reg_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 52.971+/-0.017 χ^2/NDF : 358242.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.003+/-0.016 χ^2/NDF : 395744.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

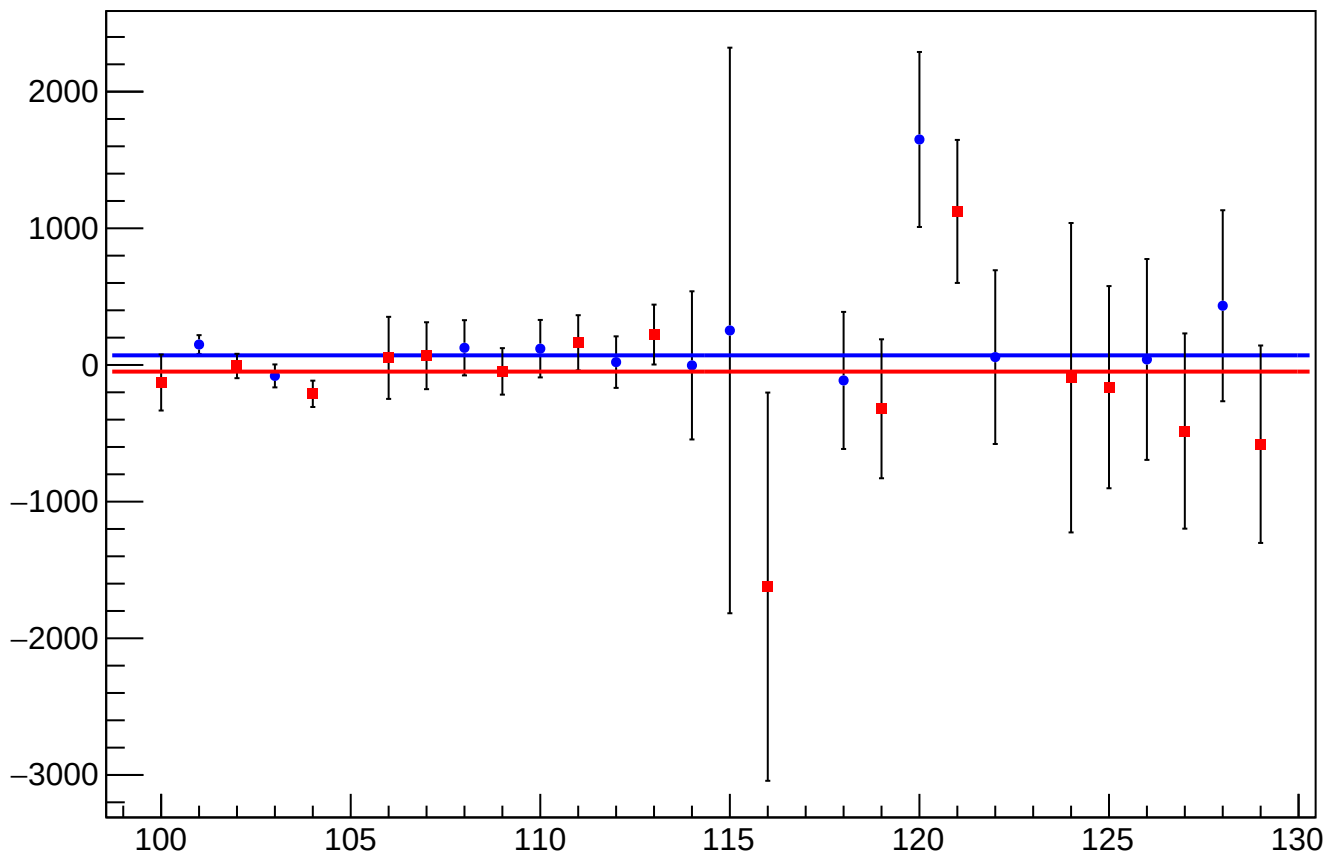
Right: 52.440+/-0.012 χ^2/NDF : 755736.2/26

In: 52.971+/-0.017 χ^2/NDF : 358242.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.440+/-0.012 χ^2/NDF : 755736.2/26

asym_sam_15_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 70.472+/-47.417 χ^2/NDF : 11.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

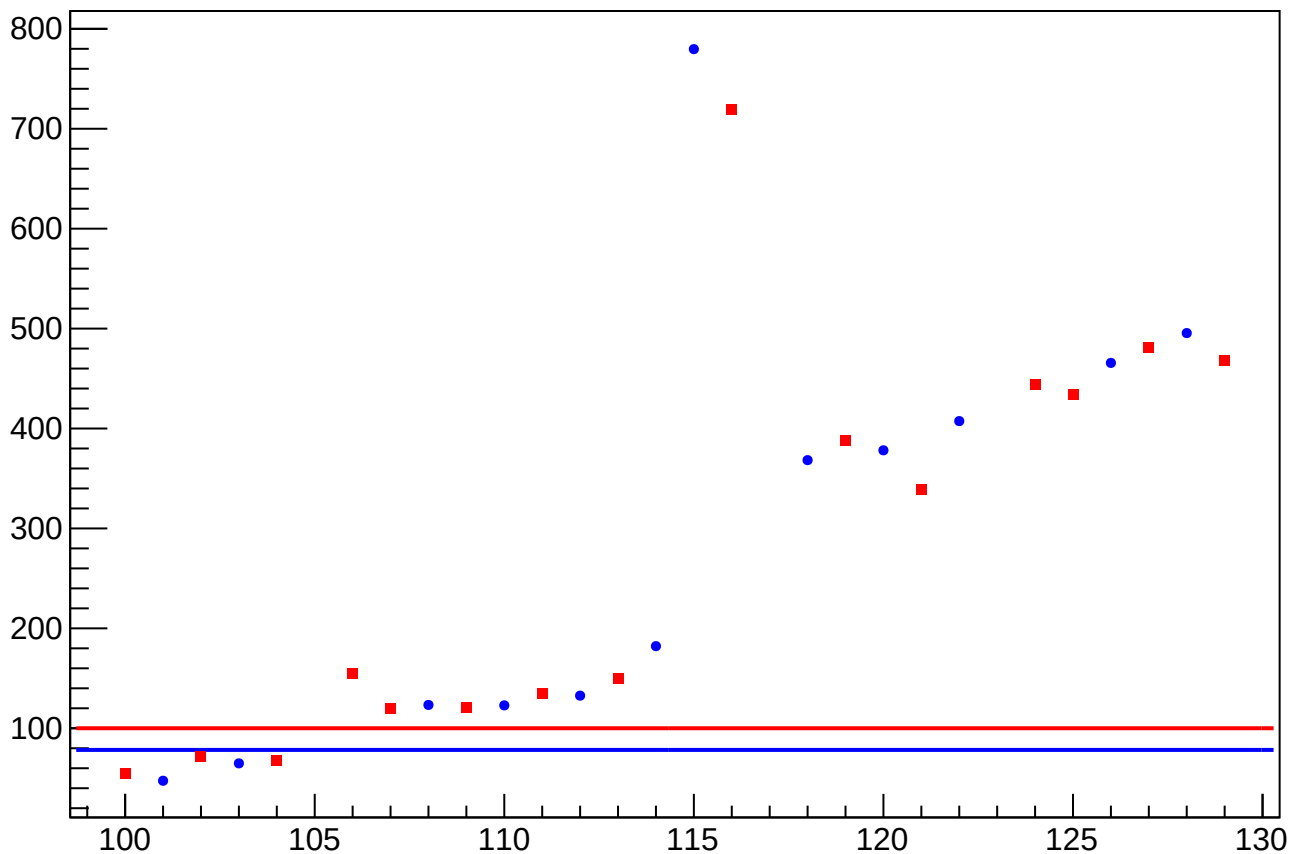
Right: 15.692+/-34.828 χ^2/NDF : 27.8/26

In: 70.472+/-47.417 χ^2/NDF : 11.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.692+/-34.828 χ^2/NDF : 27.8/26

asym_sam_15_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 78.336+/-0.034 χ^2/NDF : 4023502.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

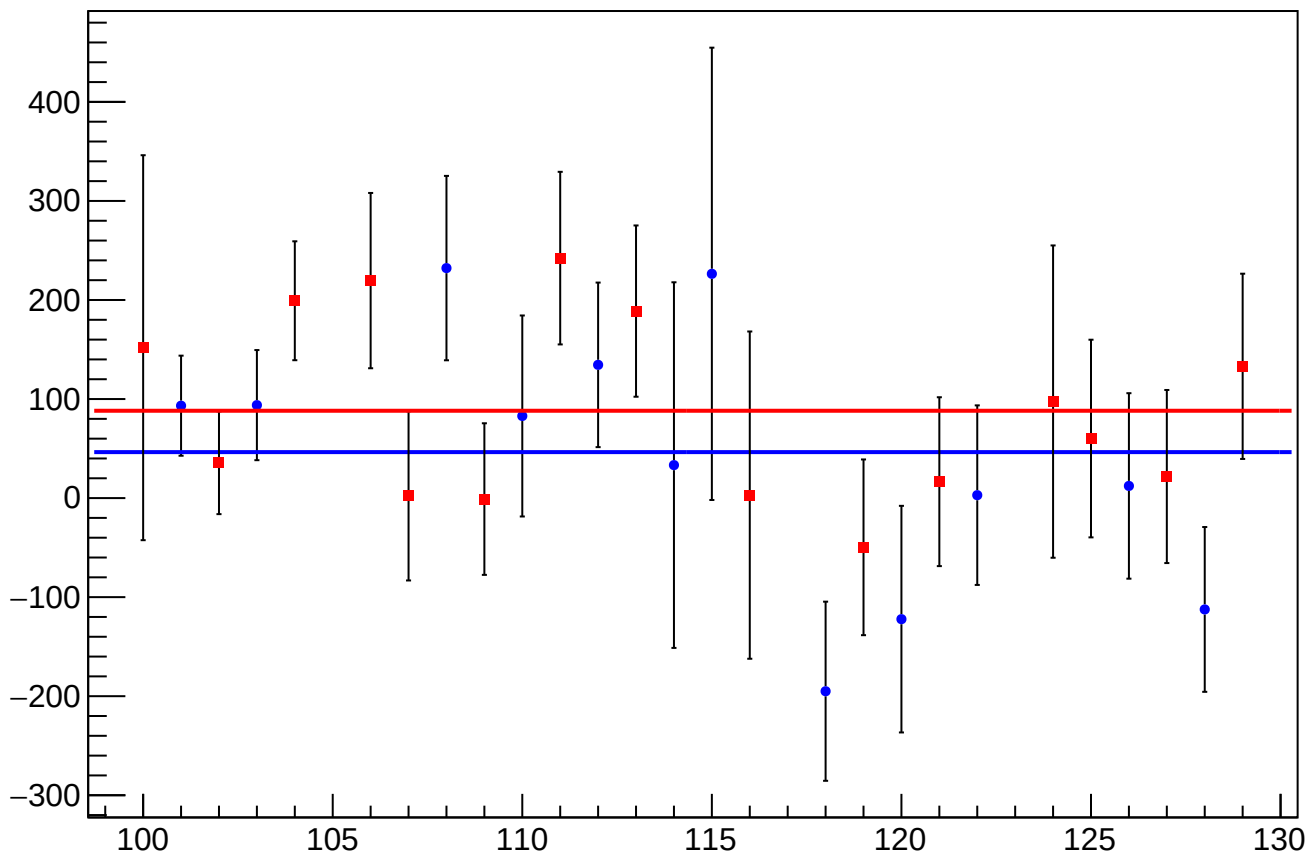
Right: 88.323+/-0.025 χ^2/NDF : 8144489.0/26

In: 78.336+/-0.034 χ^2/NDF :4023502.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 88.323+/-0.025 χ^2/NDF : 8144489.0/26

cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 46.416+/-24.251 χ^2/NDF : 20.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

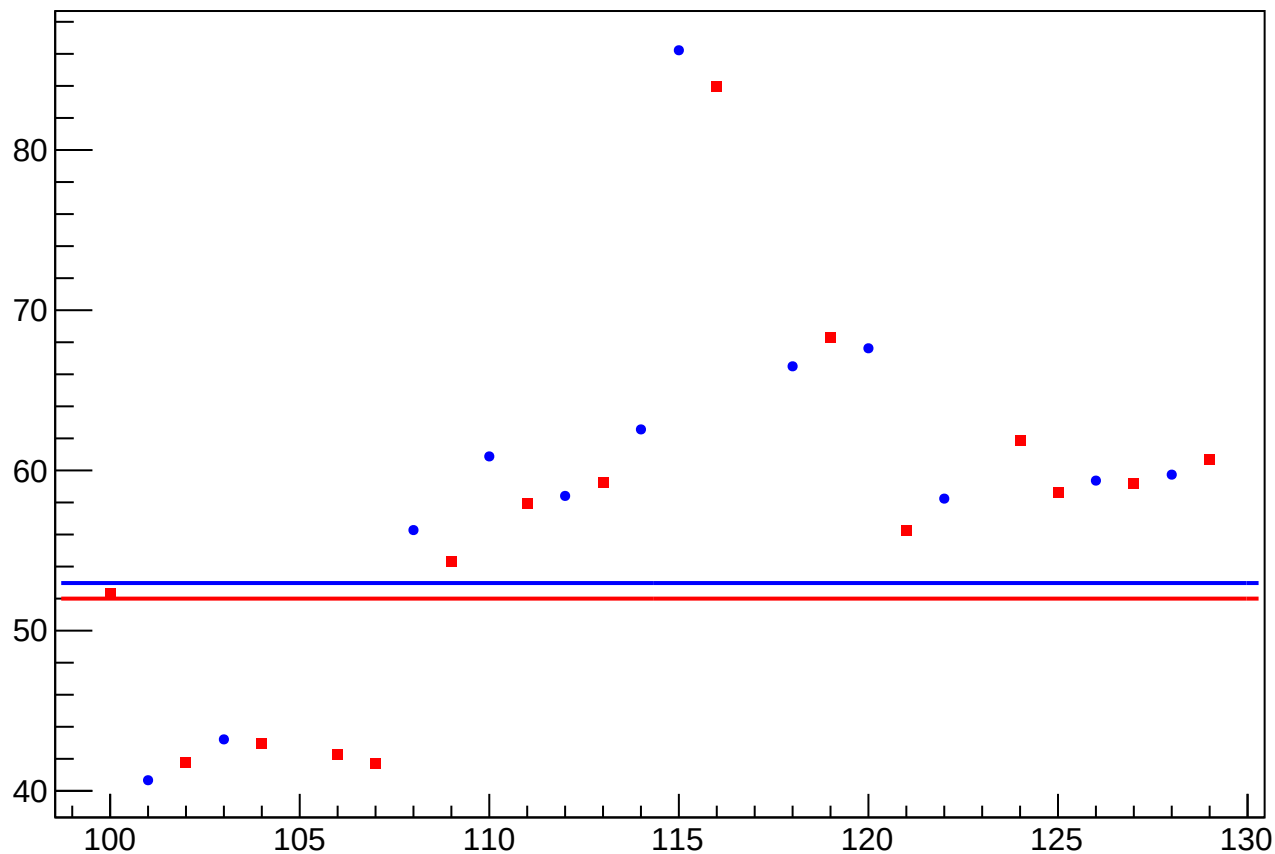
Right: 69.316+/-16.298 χ^2/NDF : 40.3/26

In: 46.416+/-24.251 χ^2/NDF : 20.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.316+/-16.298 χ^2/NDF : 40.3/26

cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 52.971+/-0.017 χ^2/NDF : 358241.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

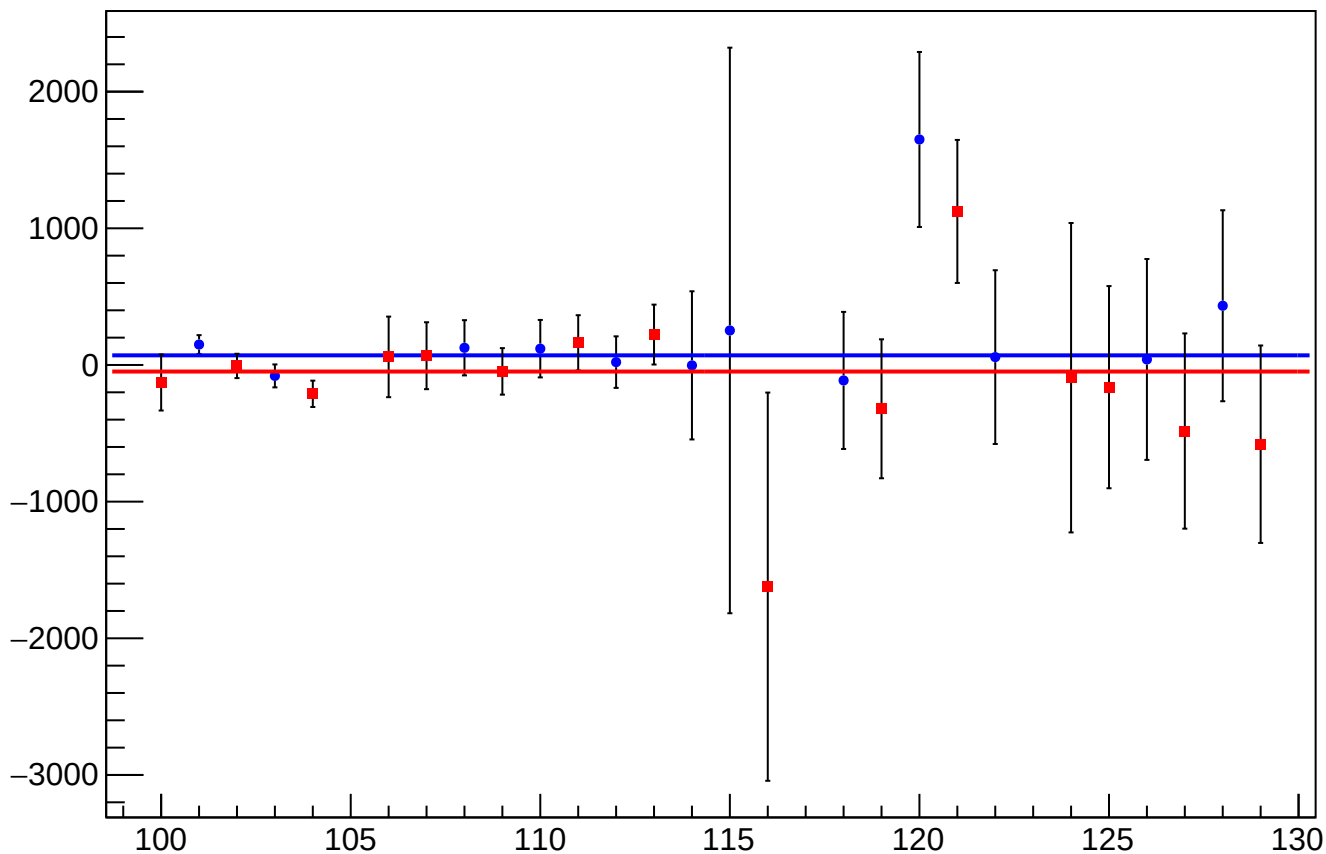
Right: 52.439+/-0.012 χ^2/NDF : 756032.9/26

In: 52.971+/-0.017 χ^2/NDF : 358241.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.439+/-0.012 χ^2/NDF : 756032.9/26

asym_sam_15_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 70.476+/-47.416 χ^2/NDF : 11.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

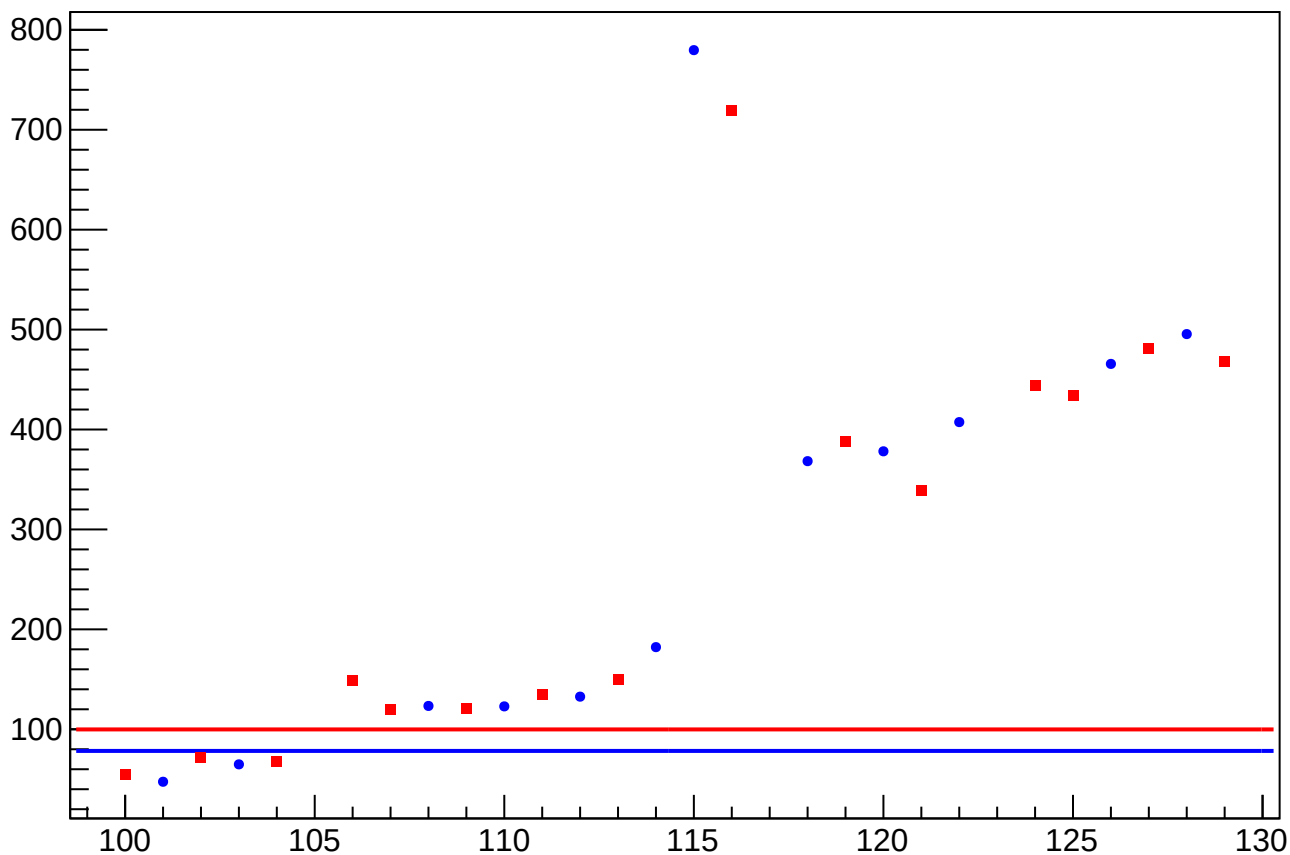
Right: 15.873+/-34.814 χ^2/NDF : 27.8/26

In: 70.476+/-47.416 χ^2/NDF : 11.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.873+/-34.814 χ^2/NDF : 27.8/26

asym_sam_15_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 78.334+/-0.034 χ^2/NDF : 4023538.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

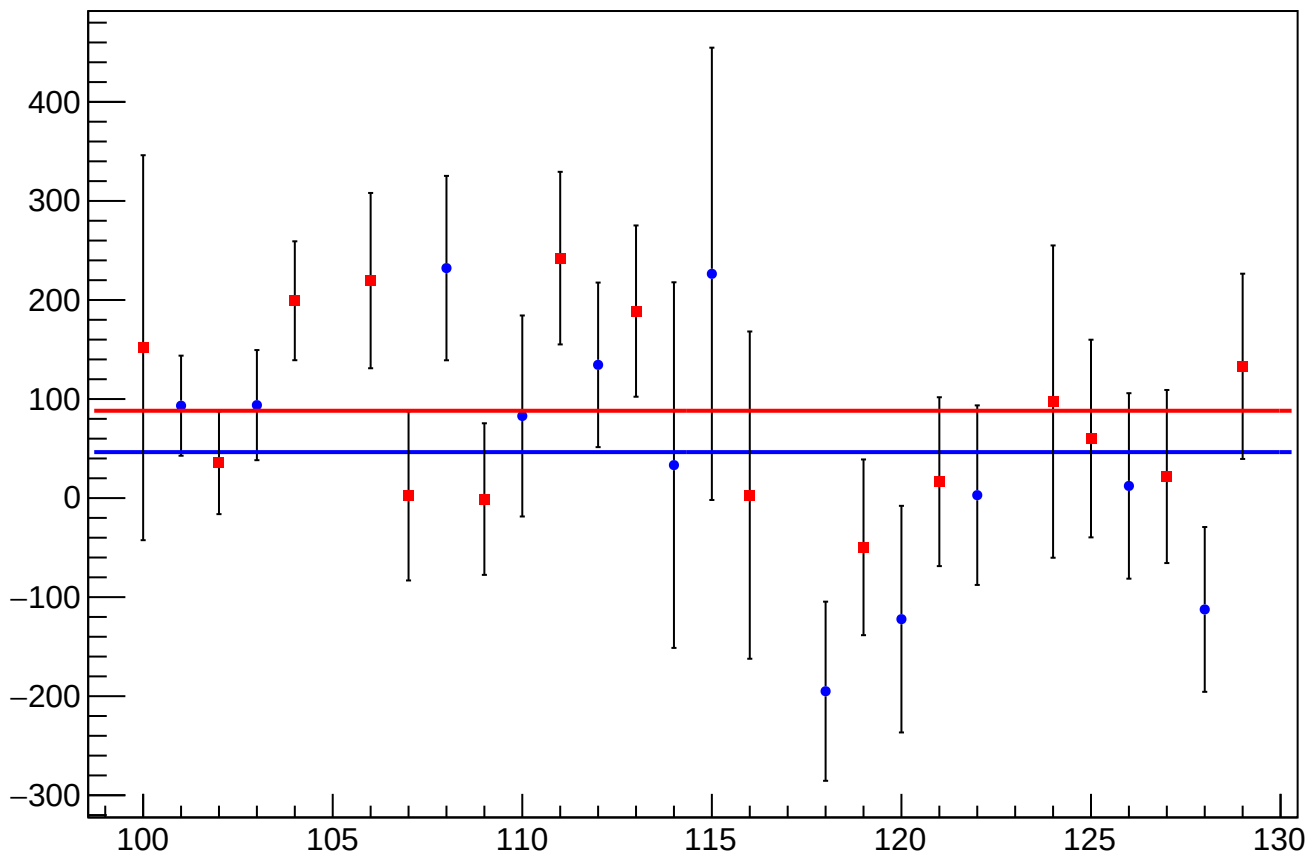
Right: 88.252+/-0.025 χ^2/NDF : 8131472.7/26

In: 78.334+/-0.034 χ^2/NDF : 4023538.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.252+/-0.025 χ^2/NDF : 8131472.7/26

eigen_cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 46.416 $\pm$ 24.251 χ^2 /NDF: 20.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 88.176 $\pm$ 22.009 χ^2 /NDF: 17.9/14

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

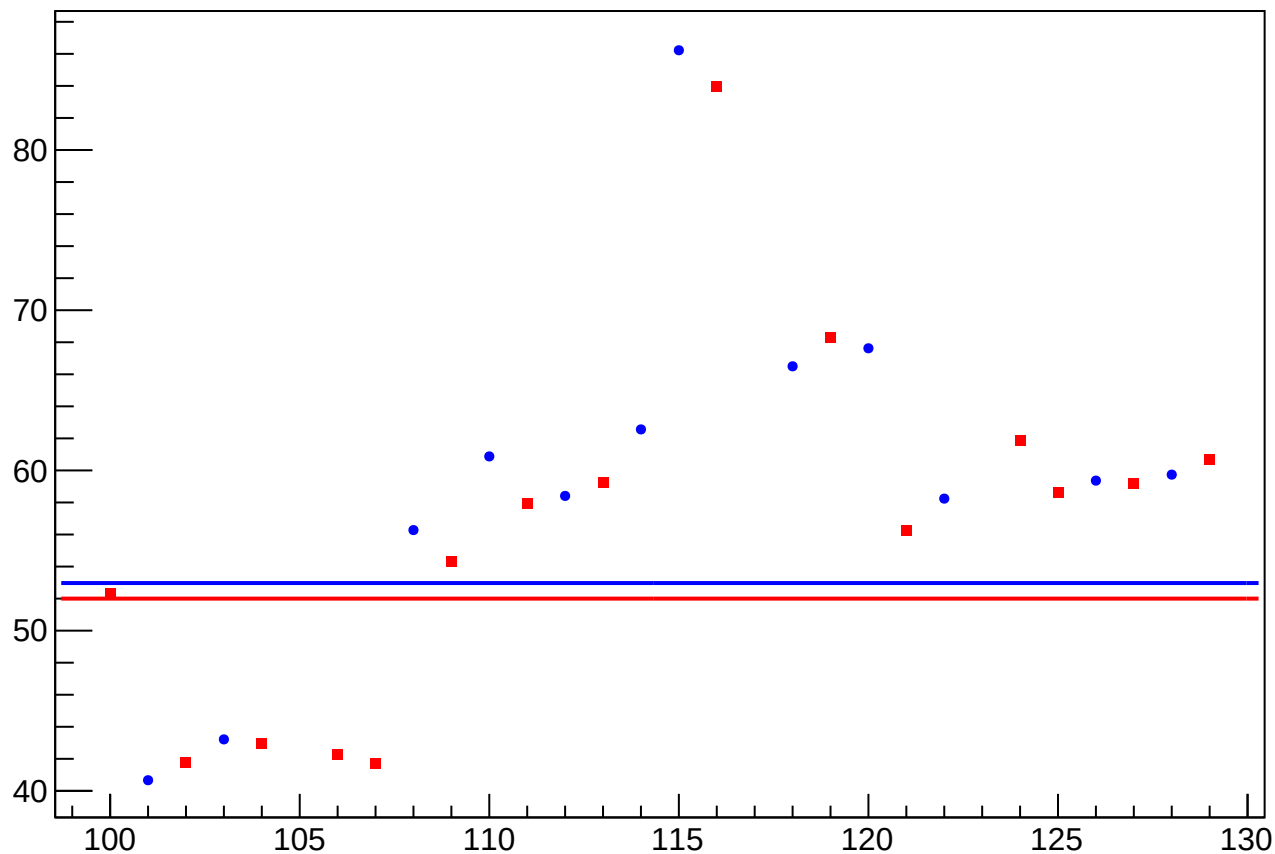
Right: 69.316 $\pm$ 16.298 χ^2 /NDF: 40.3/26

In: 46.416 $\pm$ 24.251 χ^2 /NDF:20.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 69.316 $\pm$ 16.298 χ^2 /NDF: 40.3/26

eigen_cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 52.971+/-0.017 χ^2/NDF : 358241.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

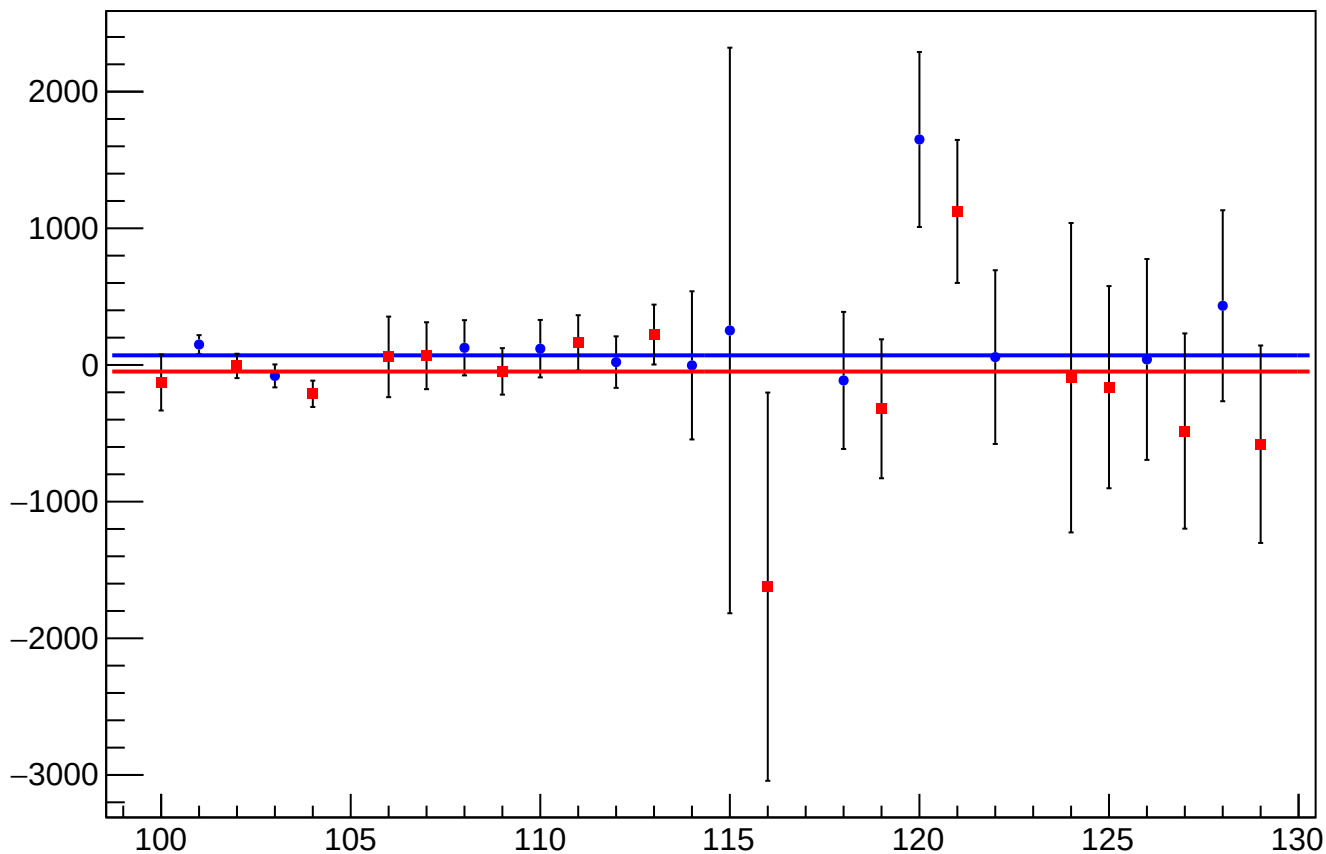
Right: 52.439+/-0.012 χ^2/NDF : 756032.9/26

In: 52.971+/-0.017 χ^2/NDF : 358241.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.439+/-0.012 χ^2/NDF : 756032.9/26

asym_sam_15_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 70.476+/-47.416 χ^2/NDF : 11.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

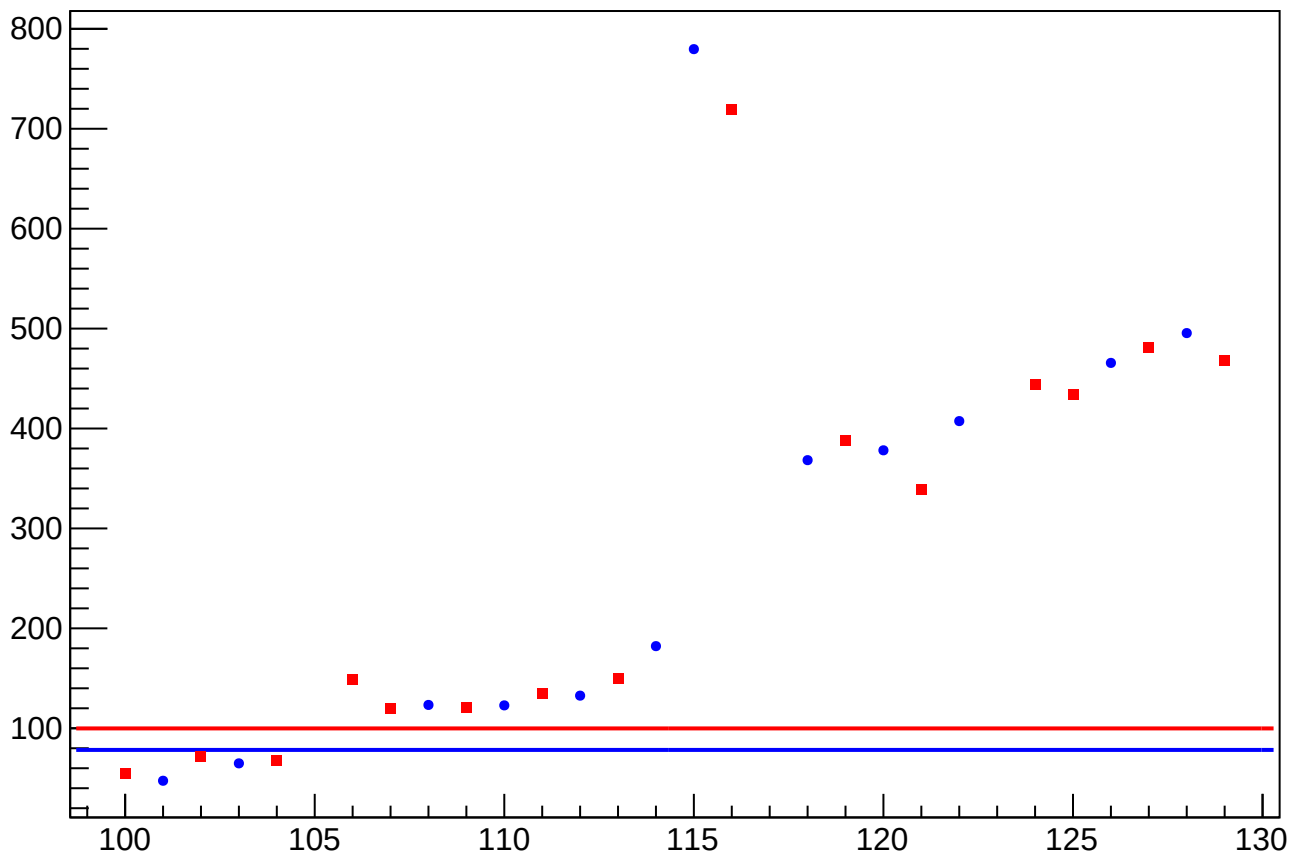
Right: 15.873+/-34.814 χ^2/NDF : 27.8/26

In: 70.476+/-47.416 χ^2/NDF : 11.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.873+/-34.814 χ^2/NDF : 27.8/26

asym_sam_15_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 78.334+/-0.034 χ^2/NDF : 4023538.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

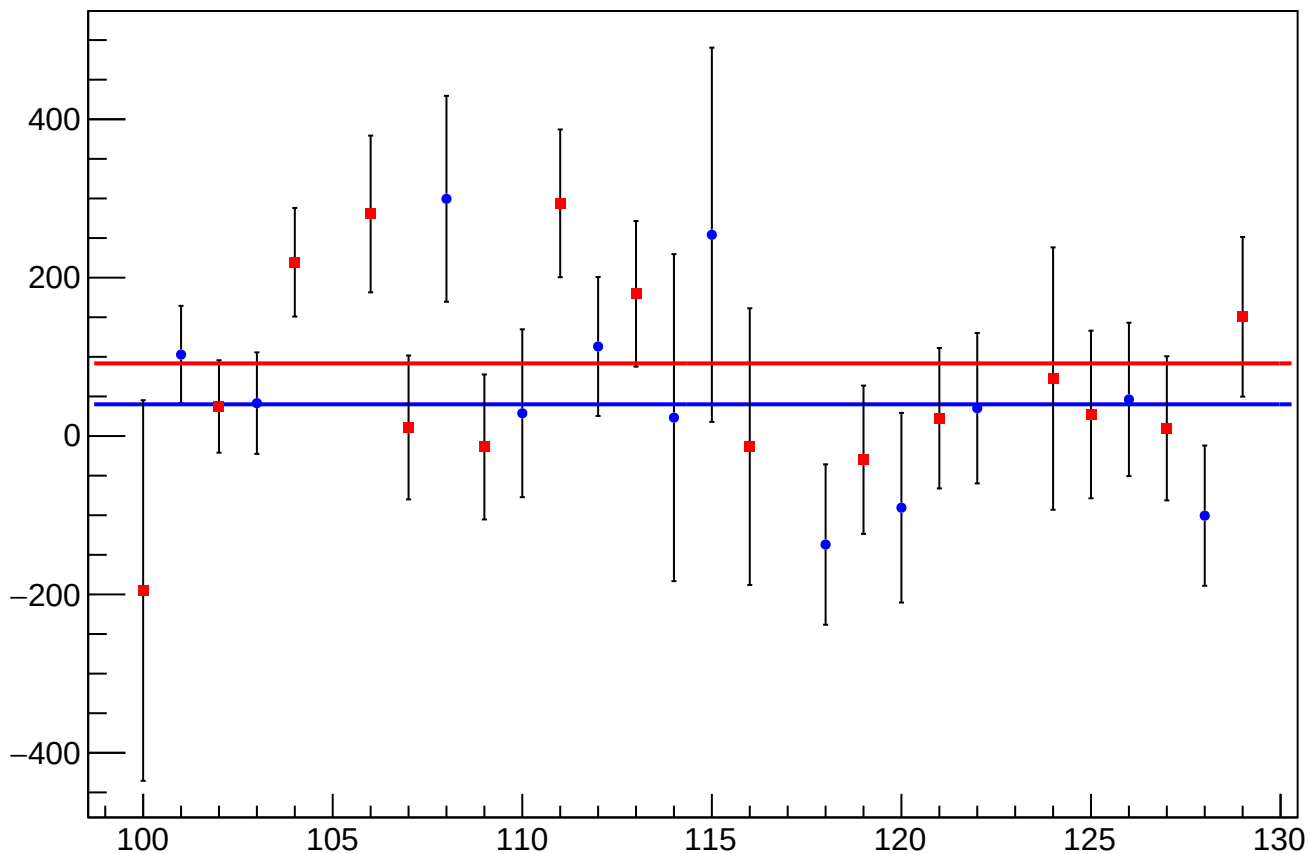
Right: 88.252+/-0.025 χ^2/NDF : 8131472.7/26

In: 78.334+/-0.034 χ^2/NDF : 4023538.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.252+/-0.025 χ^2/NDF : 8131472.7/26

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 40.062 $\pm$ 27.328 χ^2 /NDF: 13.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 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

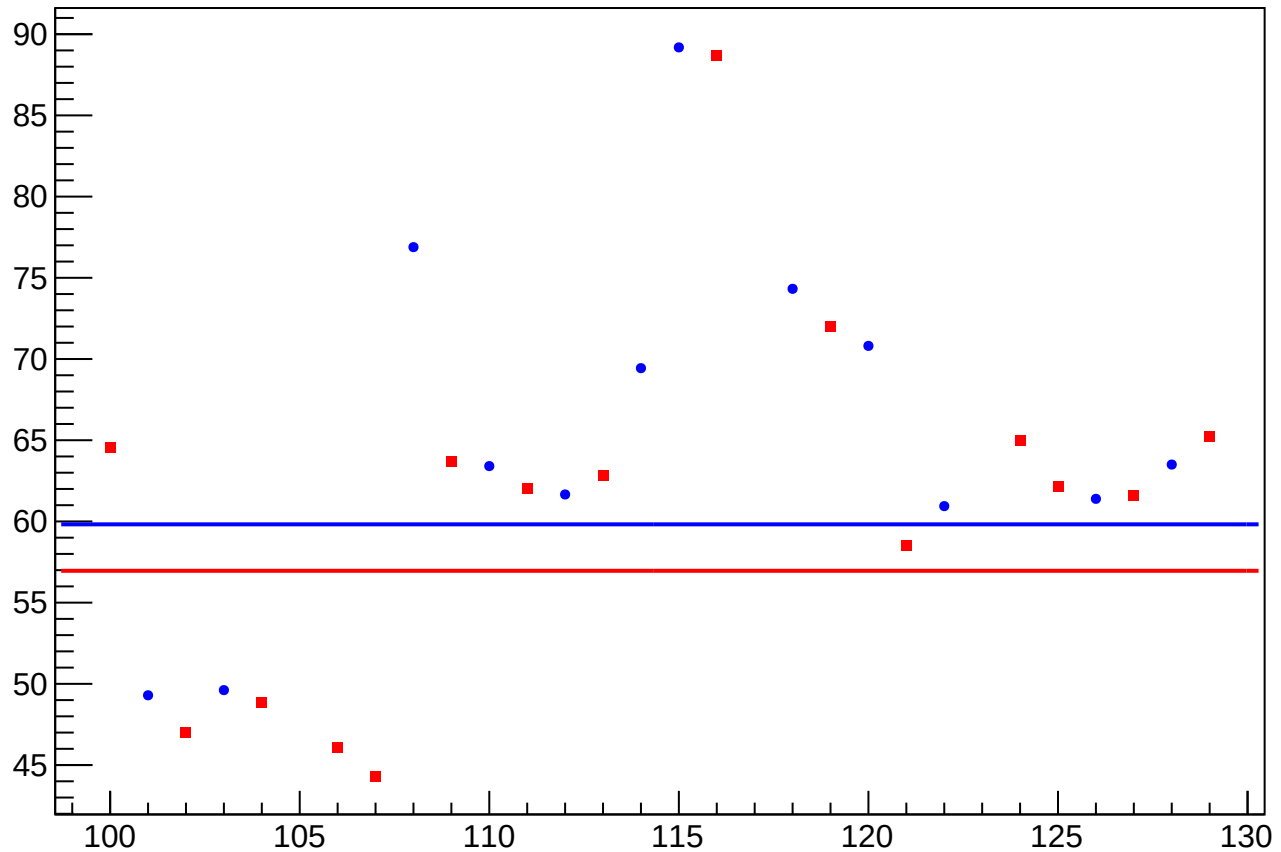
Right: 69.109 $\pm$ 18.086 χ^2 /NDF: 36.7/26

In: 40.062 $\pm$ 27.328 χ^2 /NDF:13.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 69.109 $\pm$ 18.086 χ^2 /NDF: 36.7/26

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 59.821+/-0.019 χ^2/NDF : 244136.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.961+/-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

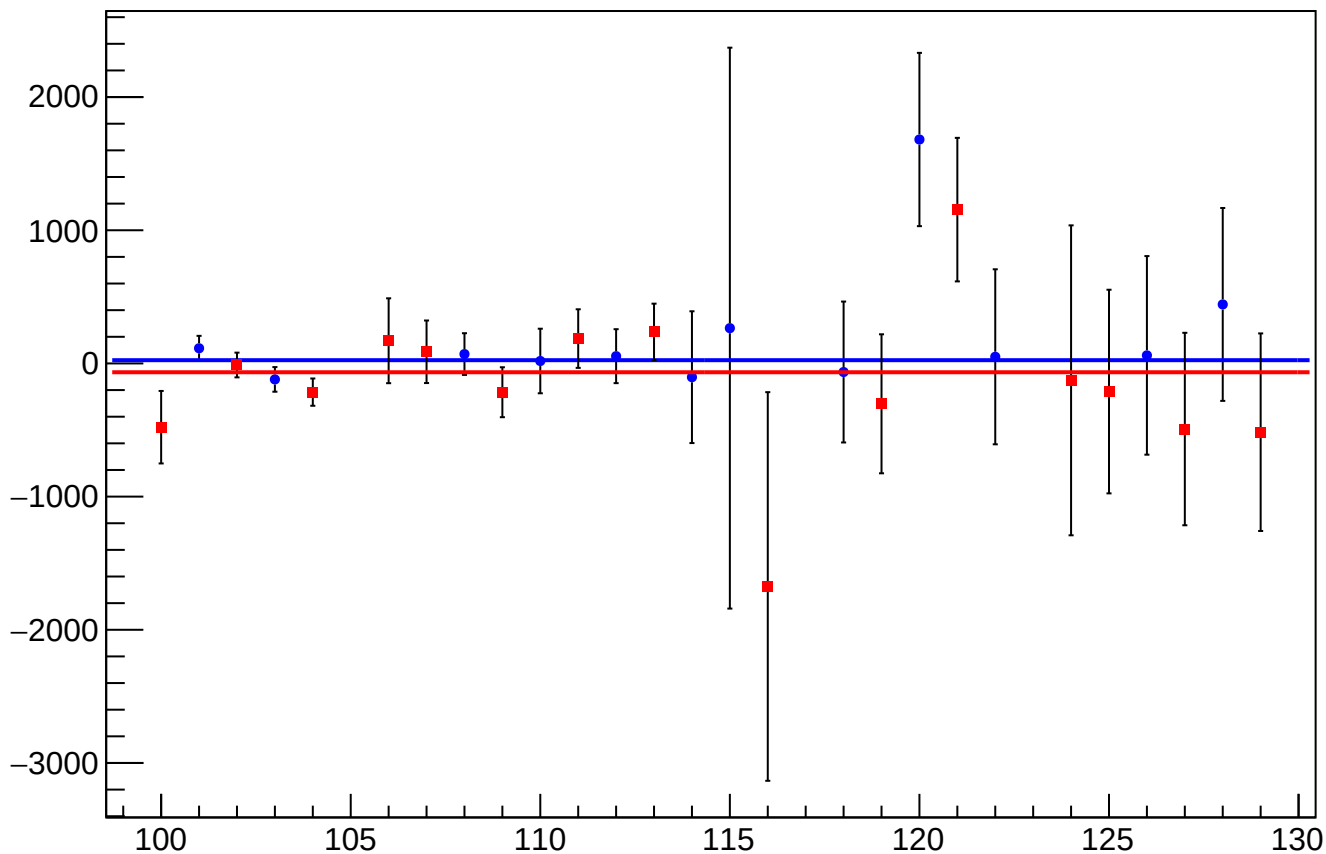
Right: 58.214+/-0.013 χ^2/NDF : 579204.8/26

In: 59.821+/-0.019 χ^2/NDF : 244136.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.214+/-0.013 χ^2/NDF : 579204.8/26

asym_sam_15_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 24.348+/-55.019 χ^2/NDF : 10.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

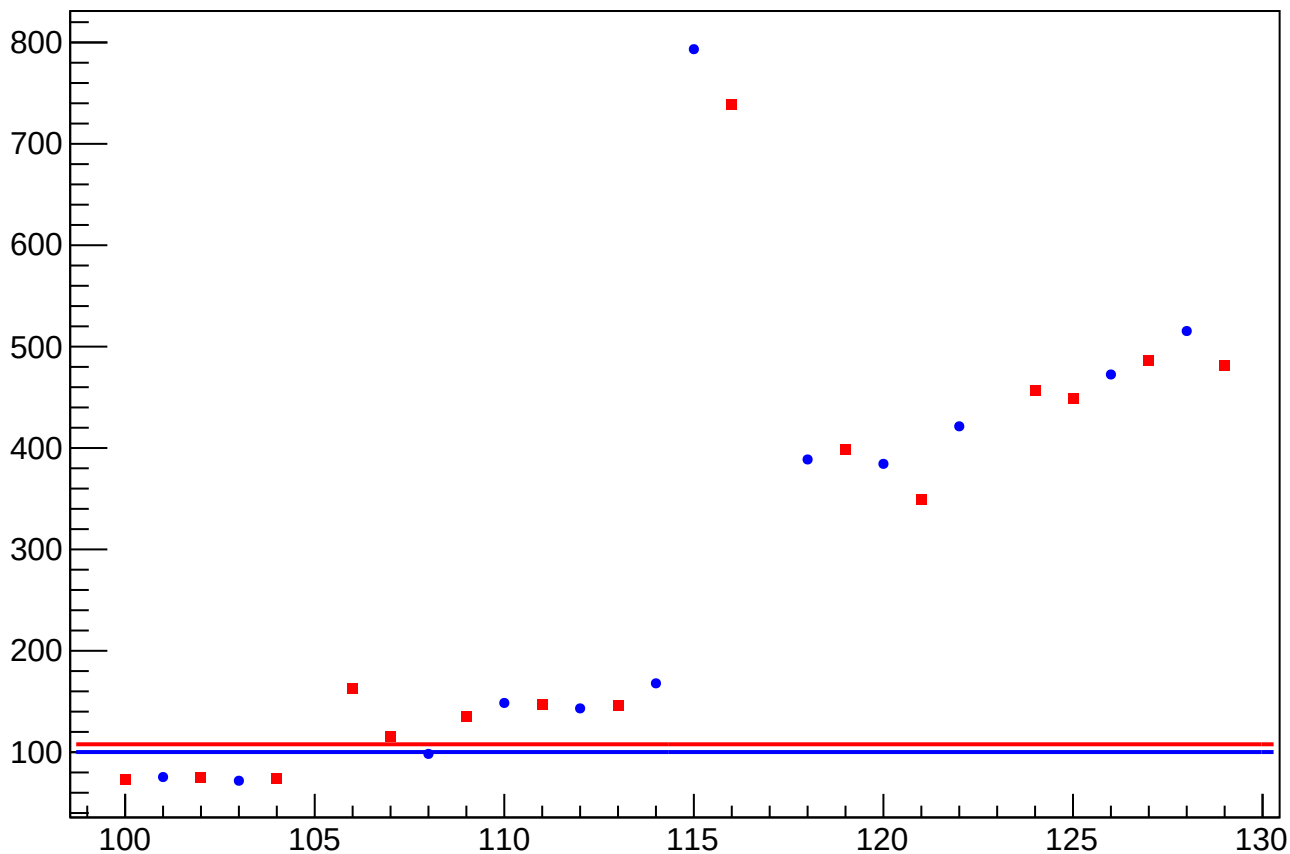
Right: -21.469+/-38.679 χ^2/NDF : 28.8/26

In: 24.348+/-55.019 χ^2/NDF : 10.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.469+/-38.679 χ^2/NDF : 28.8/26

asym_sam_15_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 100.141+/-0.039 χ^2/NDF : 3362827.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

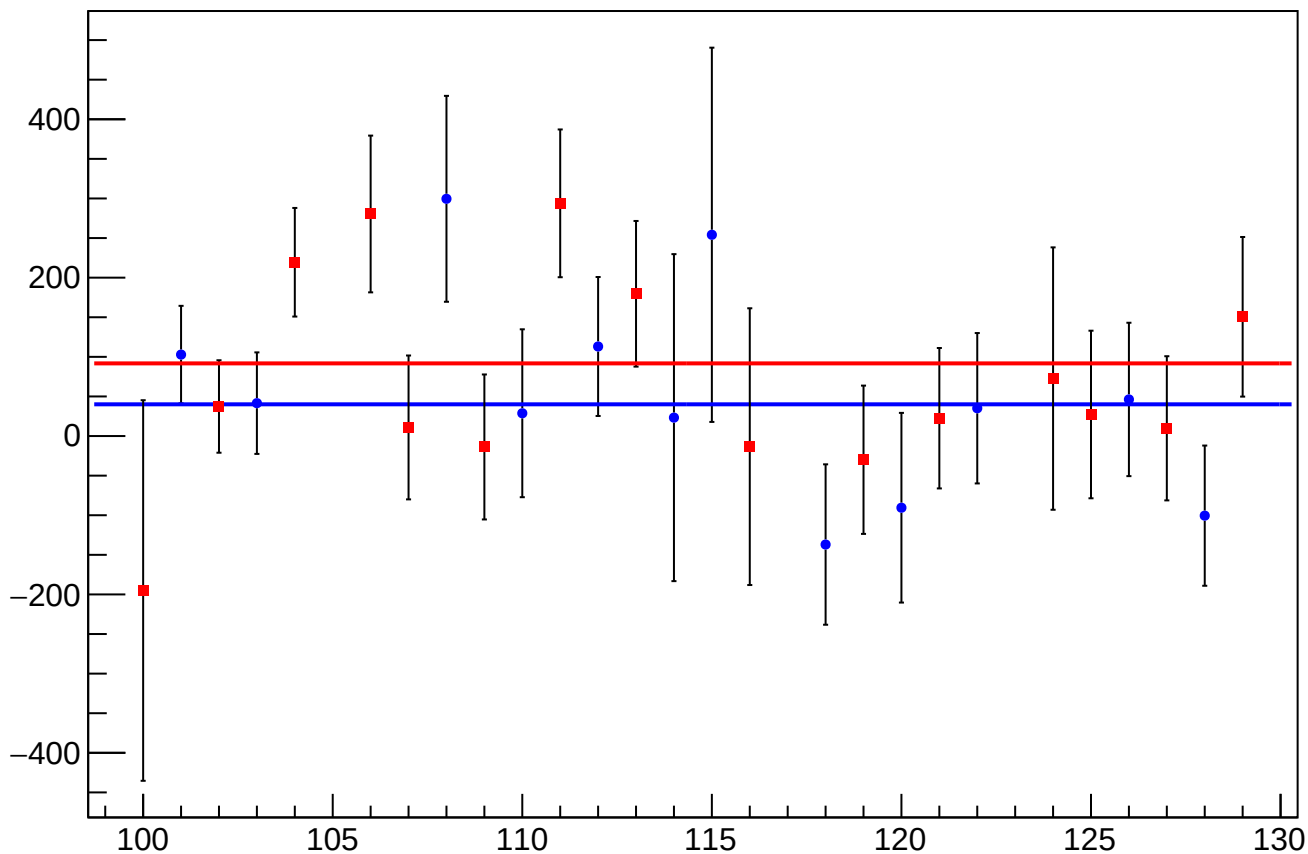
Right: 104.015+/-0.027 χ^2/NDF : 7156442.3/26

In: 100.141+/-0.039 χ^2/NDF :3362827.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 104.015+/-0.027 χ^2/NDF : 7156442.3/26

eigen_dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 40.062 $\pm$ 27.328 χ^2 /NDF: 13.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 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

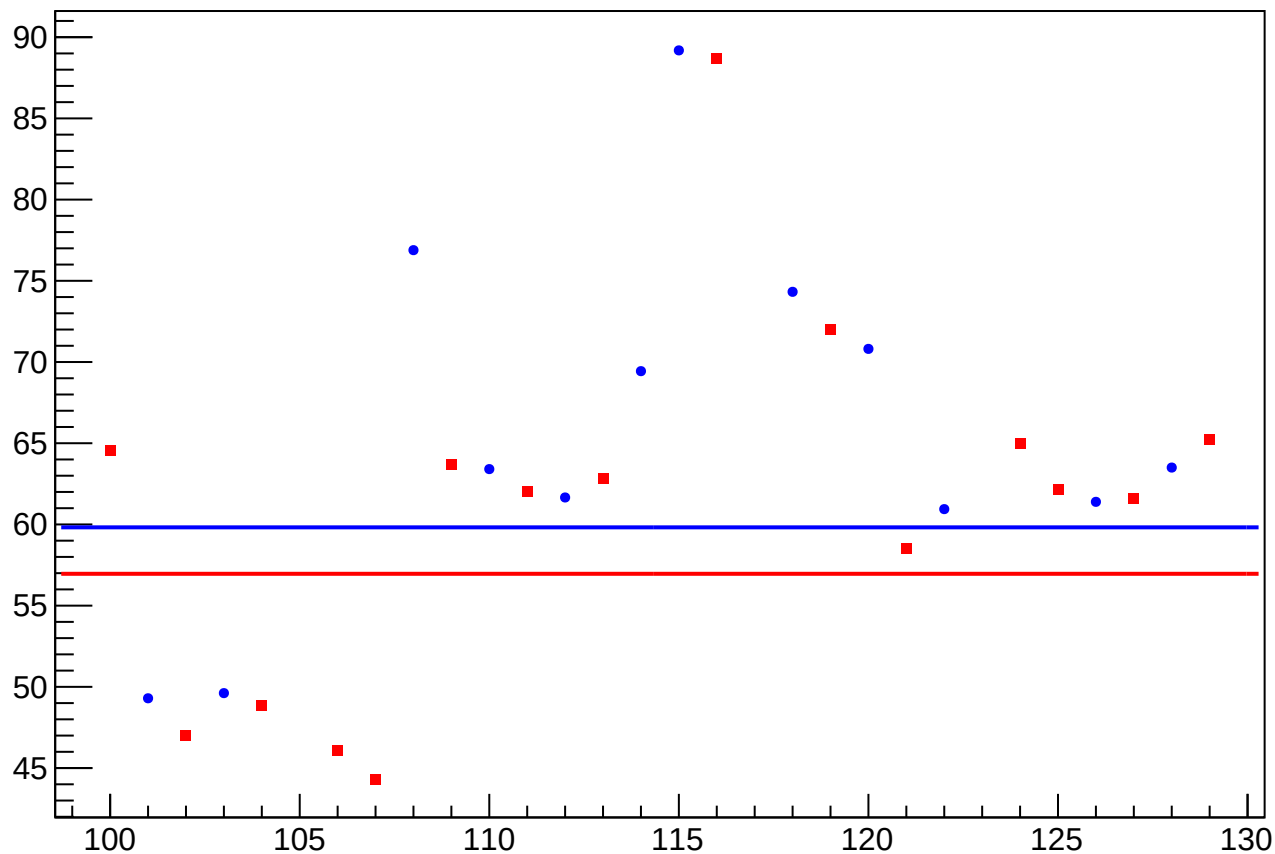
Right: 69.109 $\pm$ 18.086 χ^2 /NDF: 36.7/26

In: 40.062 $\pm$ 27.328 χ^2 /NDF:13.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 69.109 $\pm$ 18.086 χ^2 /NDF: 36.7/26

eigen_dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 59.821+/-0.019 χ^2/NDF : 244136.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.961+/-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

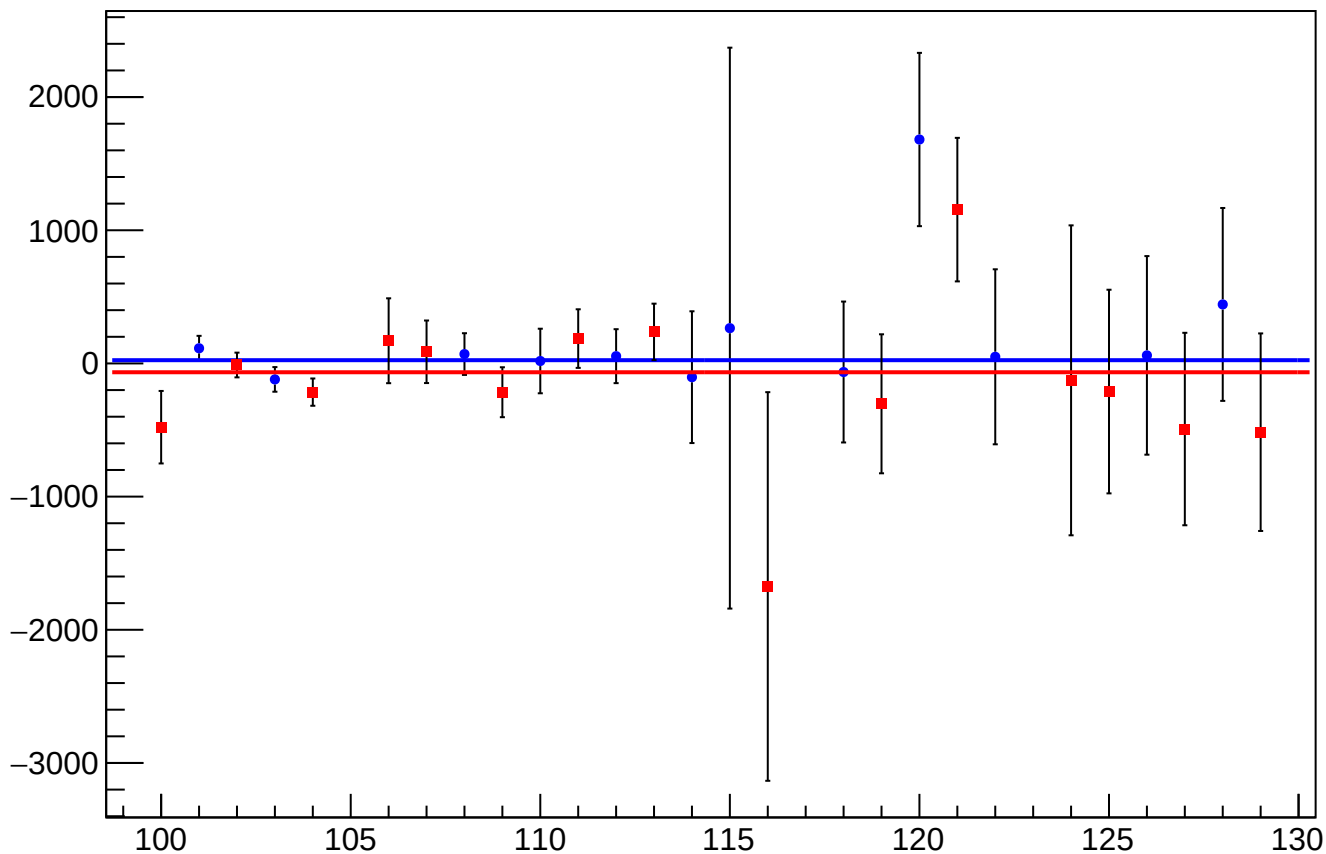
Right: 58.213+/-0.013 χ^2/NDF : 579202.7/26

In: 59.821+/-0.019 χ^2/NDF : 244136.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.213+/-0.013 χ^2/NDF : 579202.7/26

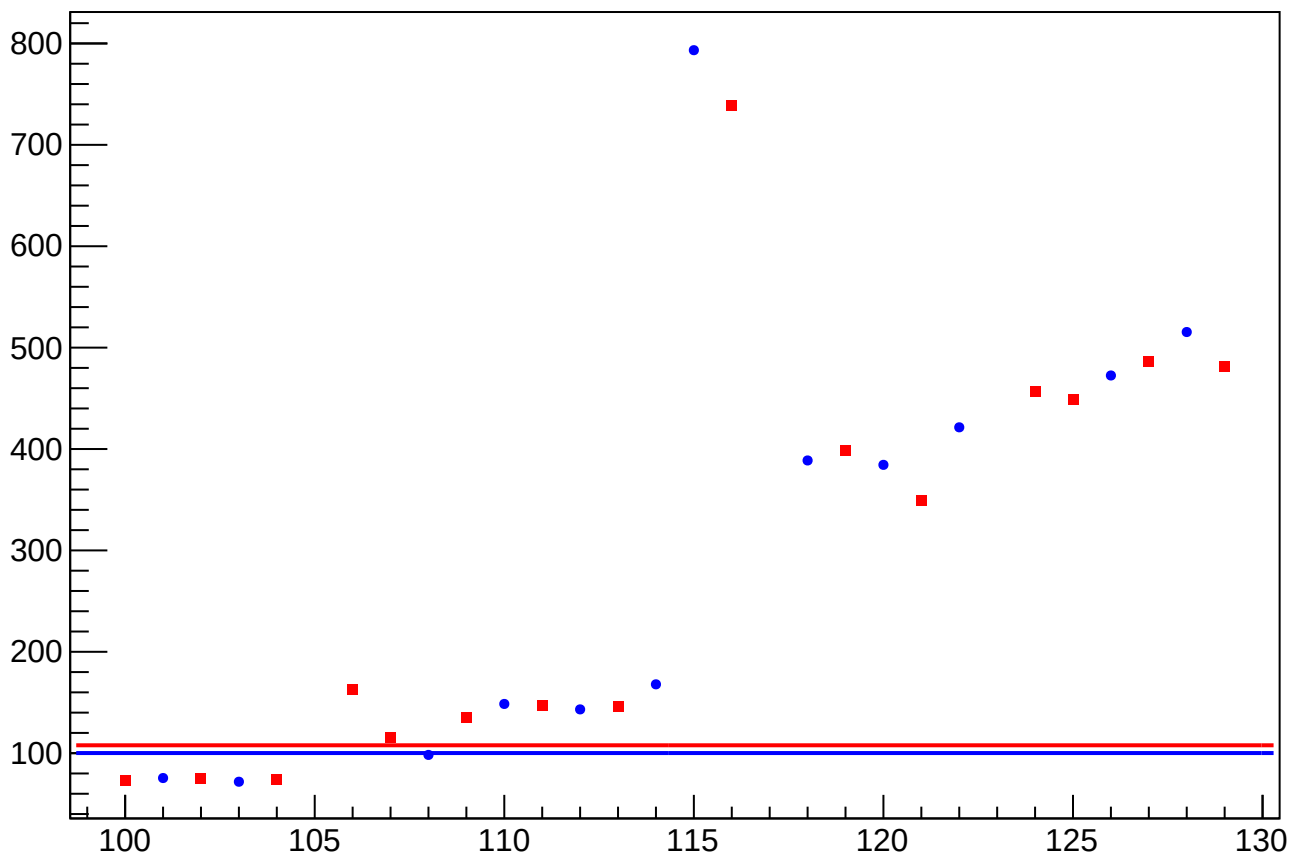
asym_sam_15_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 24.348+/-55.019 χ^2 /NDF: 10.4/11
 Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 Right Out: -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: -21.469+/-38.679 χ^2 /NDF: 28.8/26
 In: 24.348+/-55.019 χ^2 /NDF:10.4/11
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: -21.469+/-38.679 χ^2 /NDF: 28.8/26

asym_sam_15_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 100.141+/-0.039 χ^2/NDF : 3362829.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

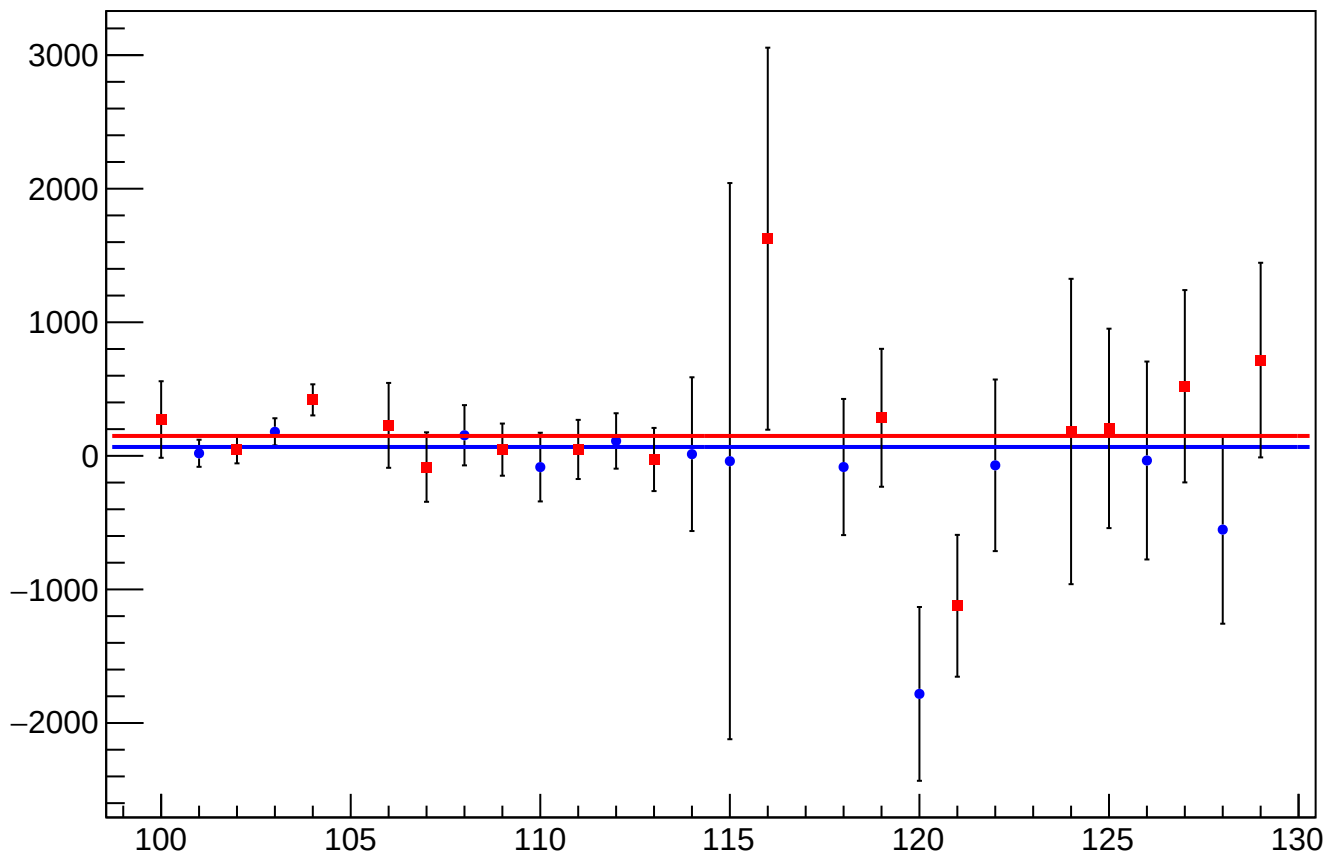
Right: 104.014+/-0.027 χ^2/NDF : 7156448.2/26

In: 100.141+/-0.039 χ^2/NDF : 3362829.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.014+/-0.027 χ^2/NDF : 7156448.2/26

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 66.425+/-61.083 χ^2/NDF : 11.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

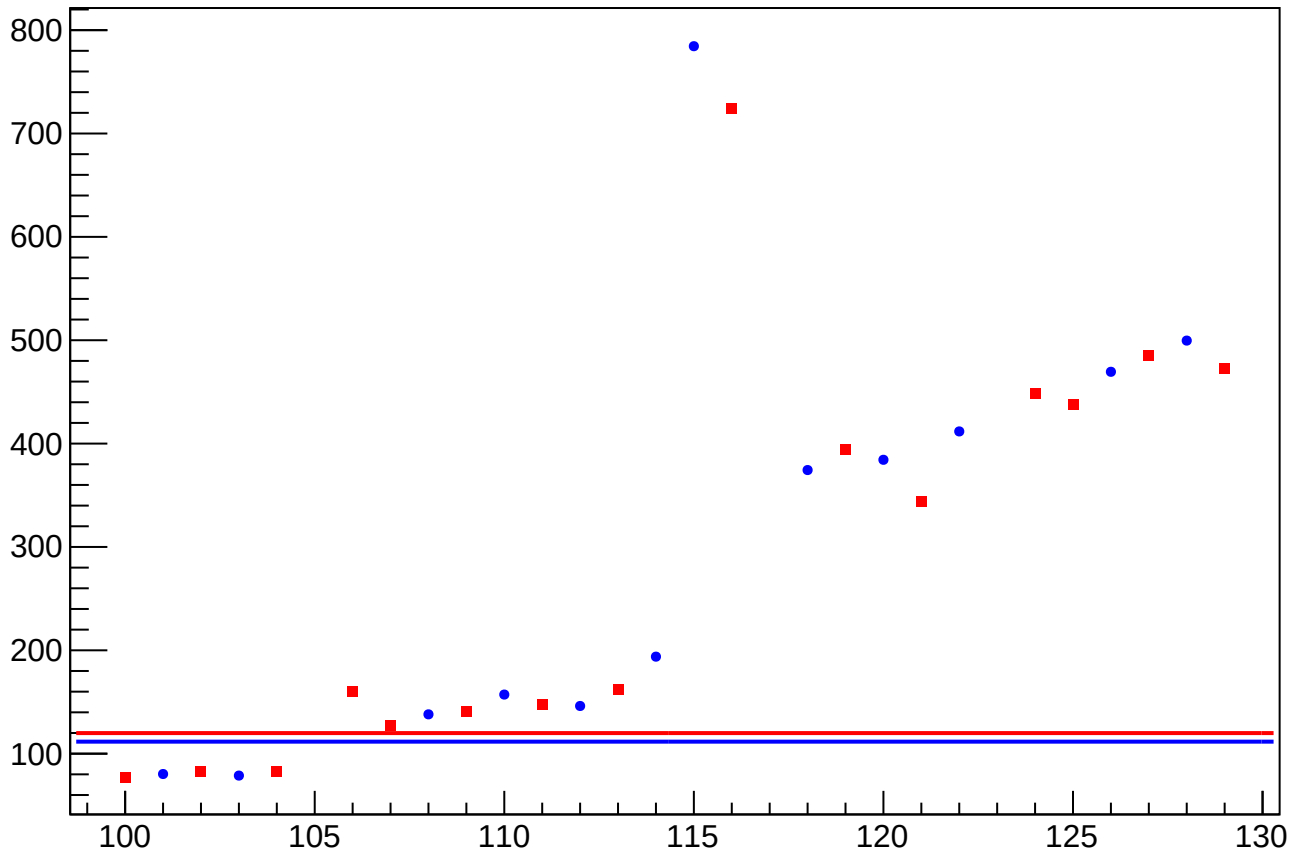
Right: 108.799+/-42.614 χ^2/NDF : 28.1/26

In: 66.425+/-61.083 χ^2/NDF : 11.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.799+/-42.614 χ^2/NDF : 28.1/26

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 111.632+/-0.043 χ^2/NDF : 3188128.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

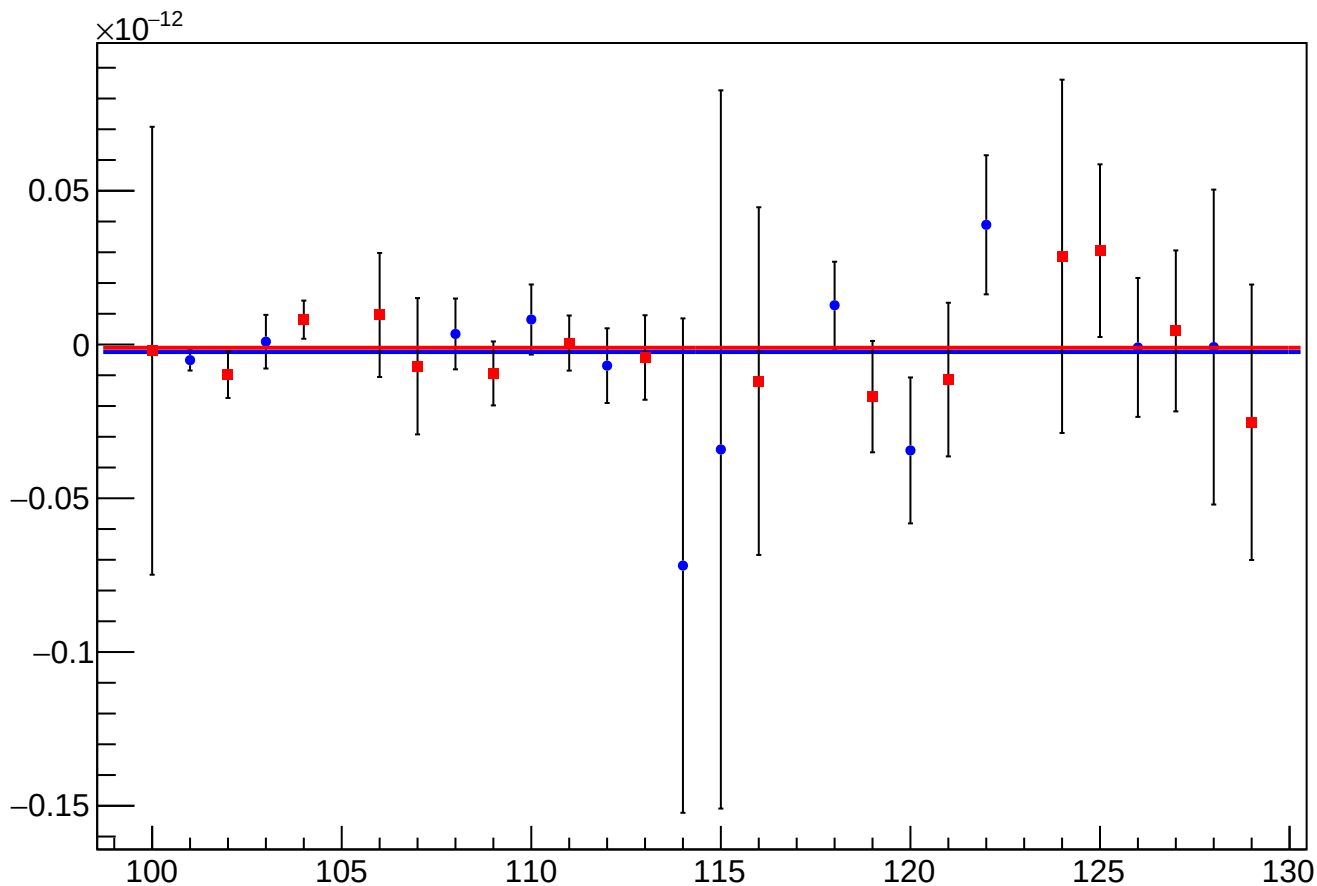
Right: 115.887+/-0.030 χ^2/NDF : 6651350.0/26

In: 111.632+/-0.043 χ^2/NDF : 3188128.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.887+/-0.030 χ^2/NDF : 6651350.0/26

asym_sam_15_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 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

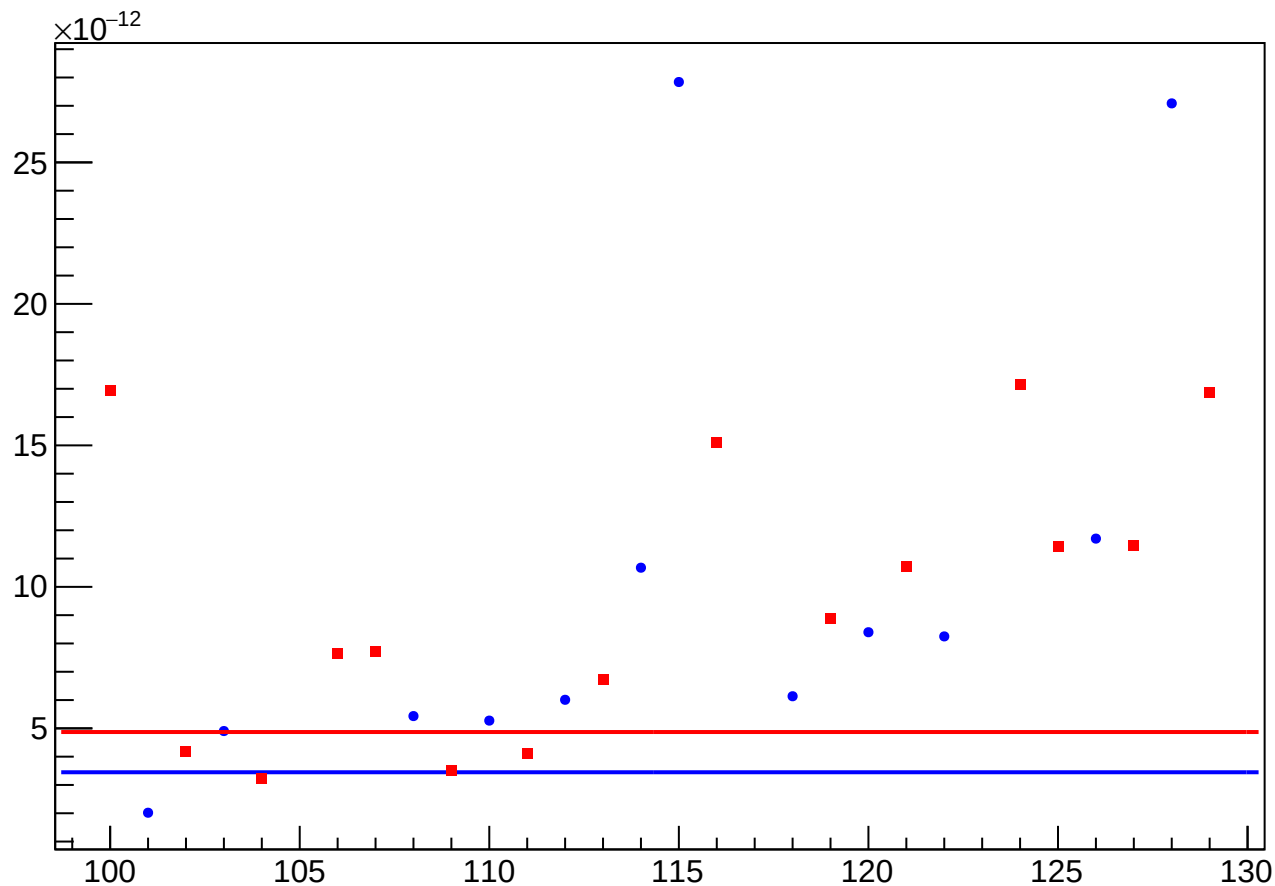
Right: -0.000+/-0.000 χ^2/NDF : 16.7/26

In: -0.000+/-0.000 χ^2/NDF : 9.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.7/26

asym_sam_15_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1659397.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

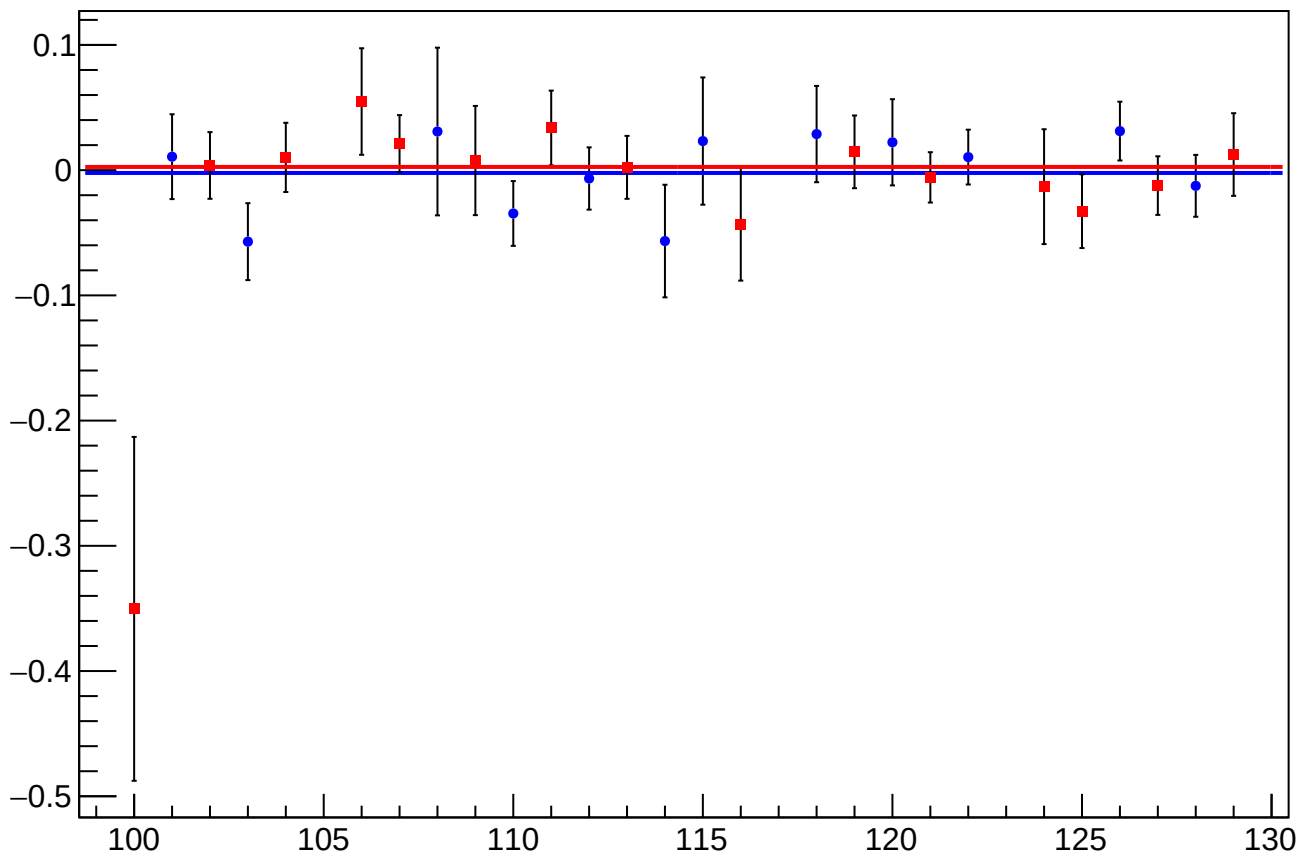
Right: 0.000+/-0.000 χ^2/NDF : 2982007.9/26

In: 0.000+/-0.000 χ^2/NDF : 1659397.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2982007.9/26

asym_sam_15_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 ± 0.009 χ^2/NDF : 10.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.003 ± 0.008 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

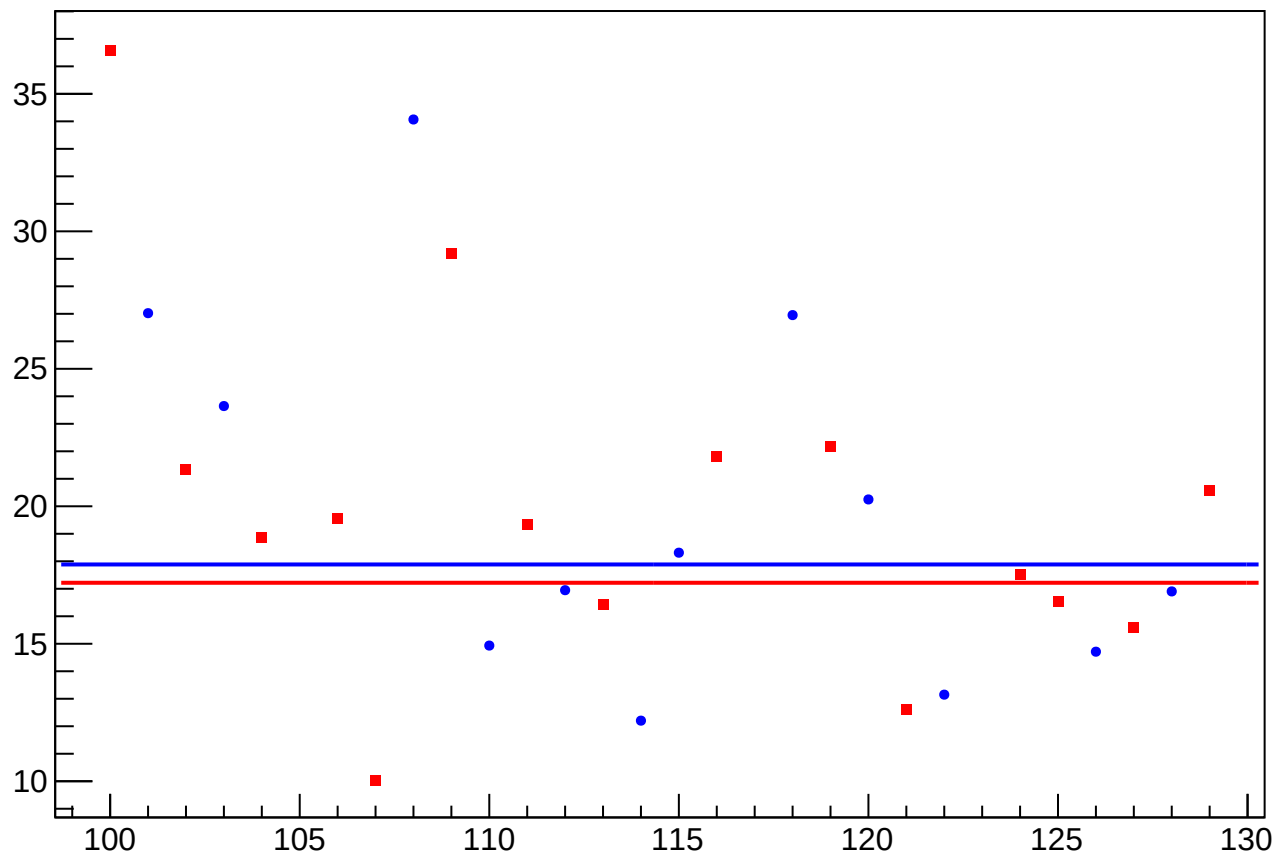
Right: 0.000 ± 0.006 χ^2/NDF : 24.1/26

In: -0.002 ± 0.009 χ^2/NDF : 10.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.006 χ^2/NDF : 24.1/26

asym_sam_15_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.884+/-0.006 χ^2/NDF : 647655.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.218+/-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

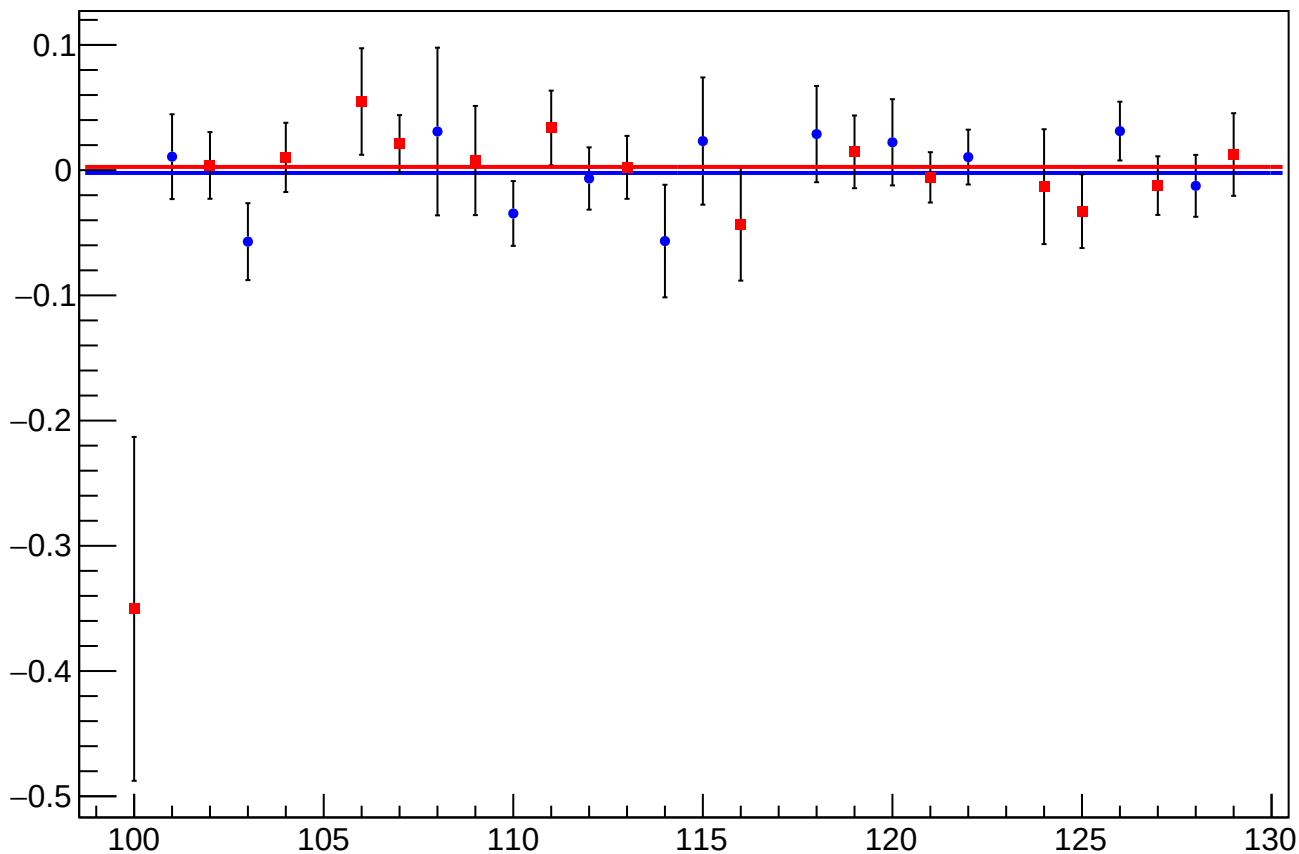
Right: 17.509+/-0.004 χ^2/NDF : 1333542.7/26

In: 17.884+/-0.006 χ^2/NDF : 647655.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.509+/-0.004 χ^2/NDF : 1333542.7/26

asym_sam_15_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.009 χ^2 /NDF: 10.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 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

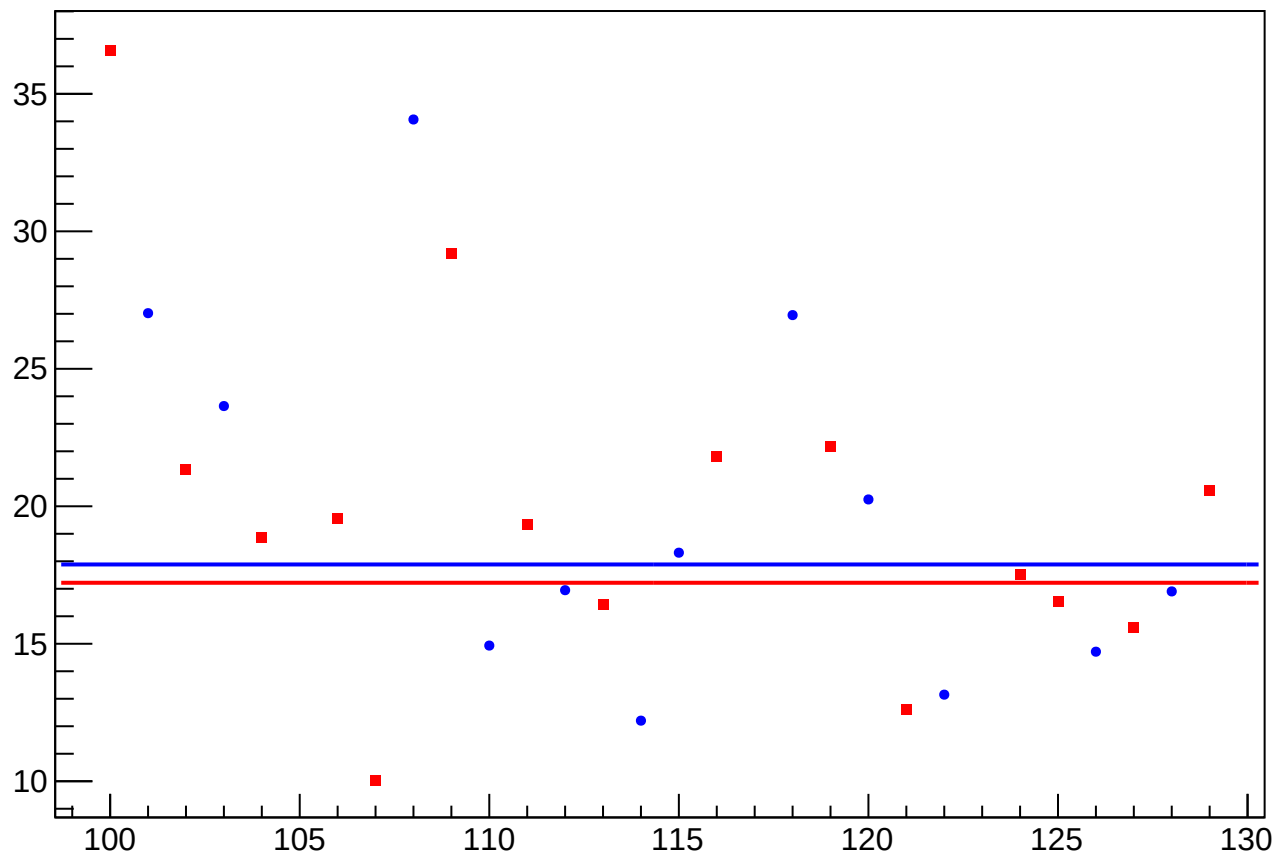
Right: 0.000 $\pm$ 0.006 χ^2 /NDF: 24.1/26

In: -0.002 $\pm$ 0.009 χ^2 /NDF:10.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.006 χ^2 /NDF: 24.1/26

asym_sam_15_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.884+/-0.006 χ^2/NDF : 647655.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.218+/-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

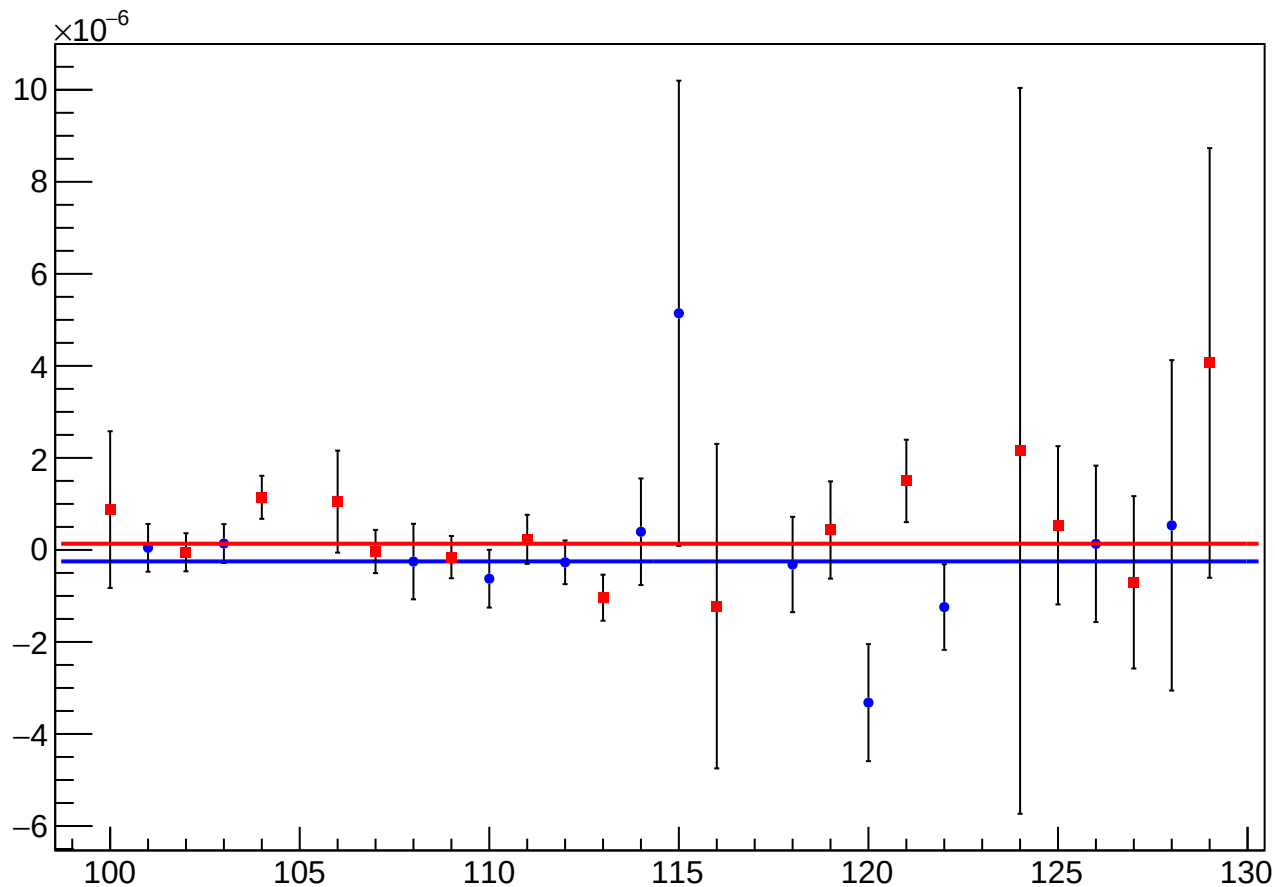
Right: 17.509+/-0.004 χ^2/NDF : 1333542.7/26

In: 17.884+/-0.006 χ^2/NDF : 647655.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.509+/-0.004 χ^2/NDF : 1333542.7/26

asym_sam_15_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

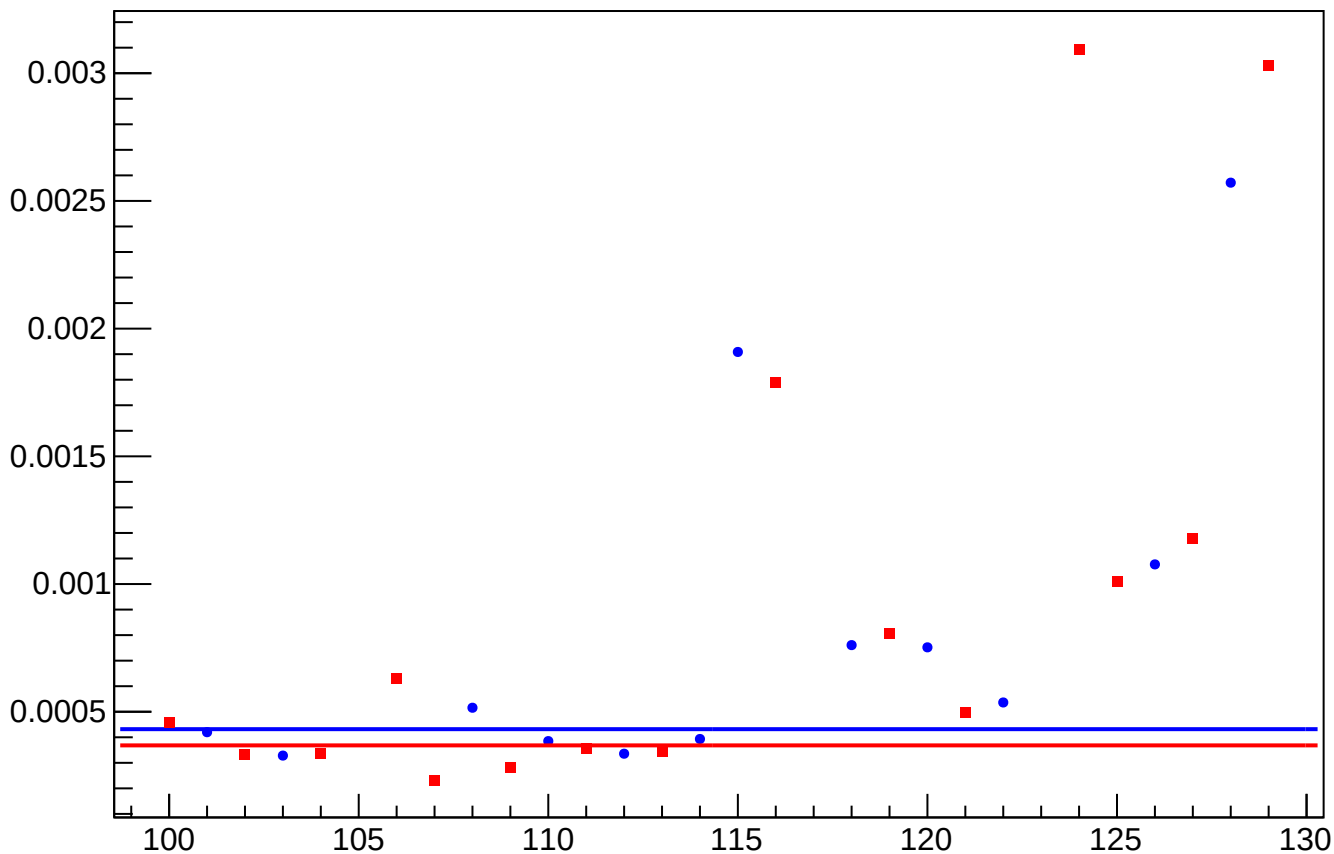
Right: -0.000+/-0.000 χ^2/NDF : 27.3/26

In: -0.000+/-0.000 χ^2/NDF : 10.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.3/26

asym_sam_15_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1759865.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

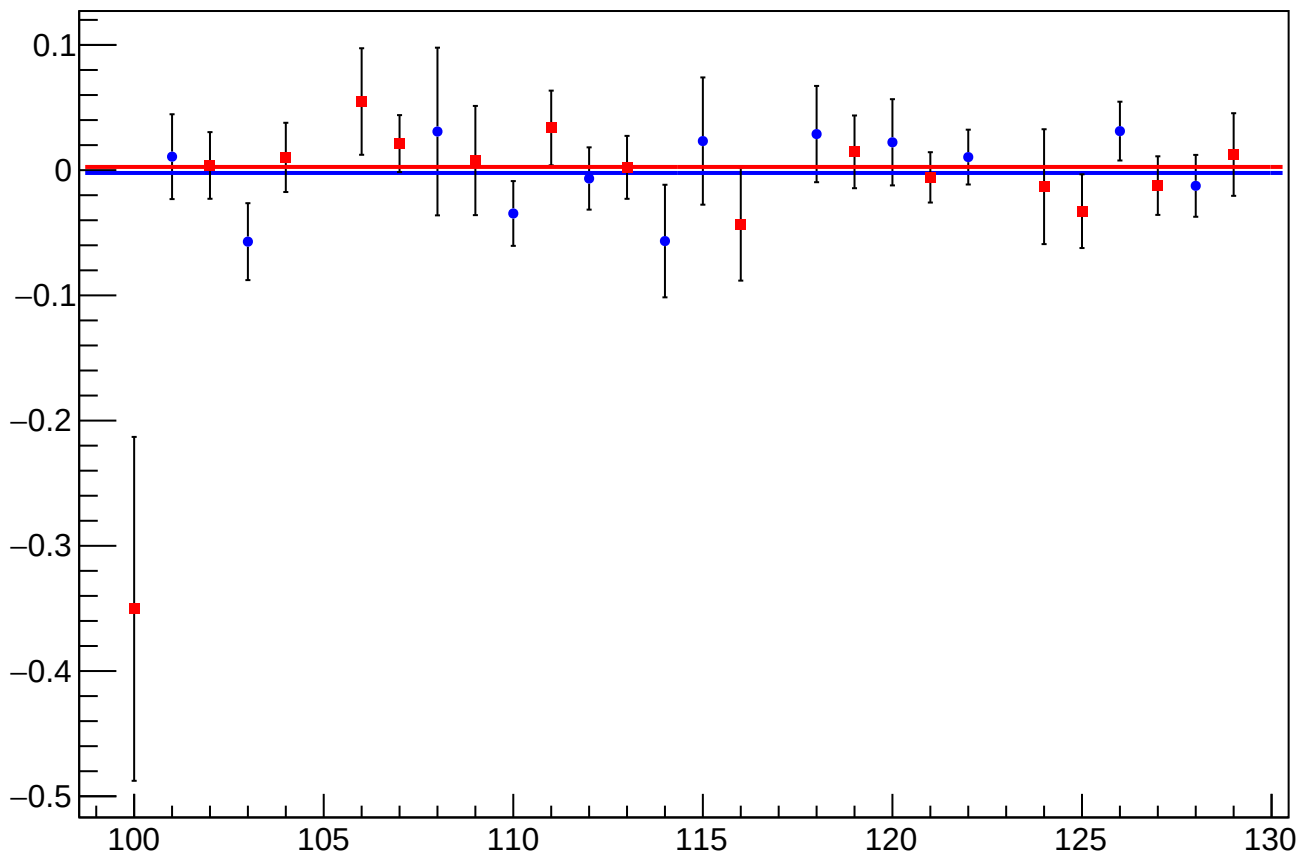
Right: 0.000+/-0.000 χ^2/NDF : 4501781.4/26

In: 0.000+/-0.000 χ^2/NDF : 1759865.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4501781.4/26

asym_sam_15_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 ± 0.009 χ^2/NDF : 10.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.003 ± 0.008 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

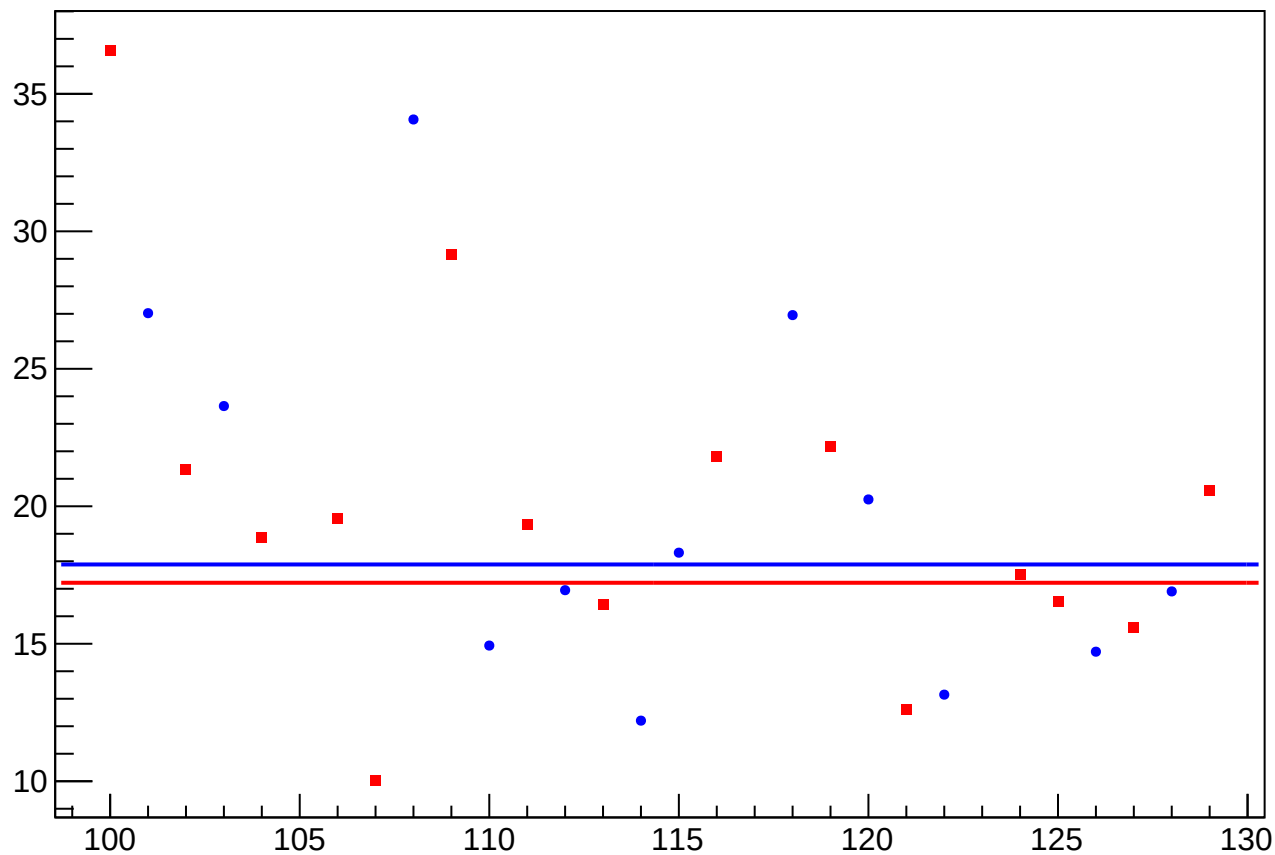
Right: 0.000 ± 0.006 χ^2/NDF : 24.1/26

In: -0.002 ± 0.009 χ^2/NDF : 10.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.006 χ^2/NDF : 24.1/26

asym_sam_15_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.884+/-0.006 χ^2/NDF : 647657.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.218+/-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

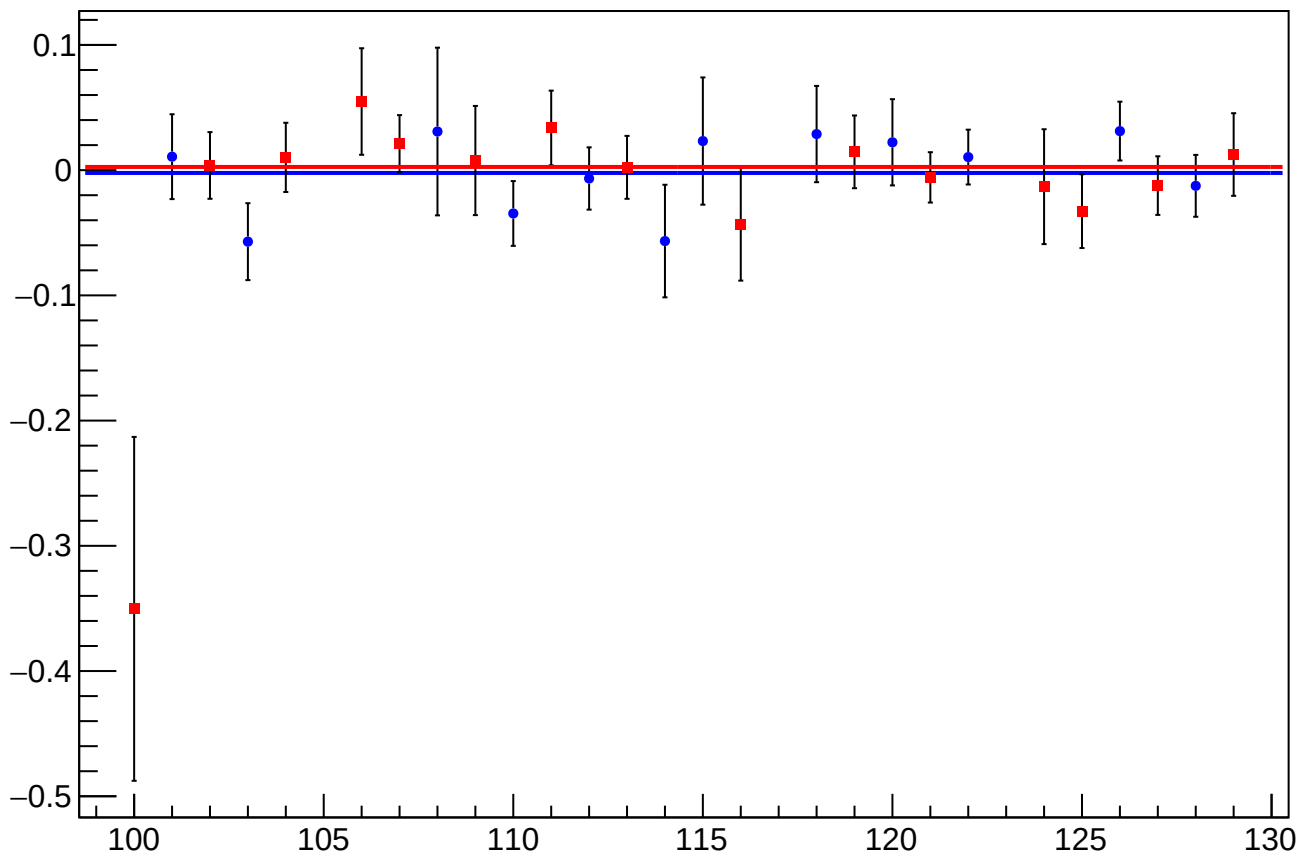
Right: 17.509+/-0.004 χ^2/NDF : 1333557.1/26

In: 17.884+/-0.006 χ^2/NDF : 647657.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.509+/-0.004 χ^2/NDF : 1333557.1/26

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 ± 0.009 χ^2/NDF : 10.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.003 ± 0.008 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

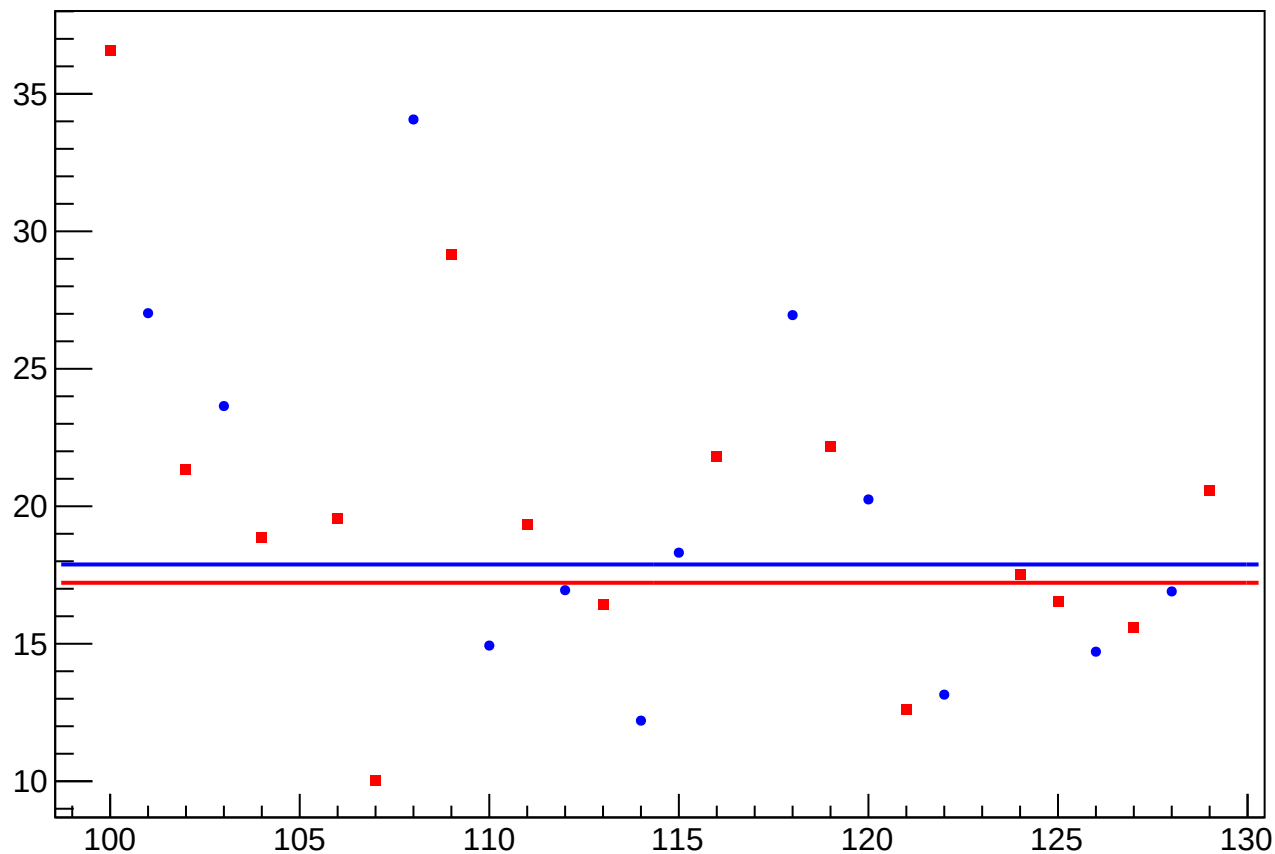
Right: 0.000 ± 0.006 χ^2/NDF : 24.1/26

In: -0.002 ± 0.009 χ^2/NDF : 10.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.006 χ^2/NDF : 24.1/26

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.884+/-0.006 χ^2/NDF : 647657.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.218+/-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

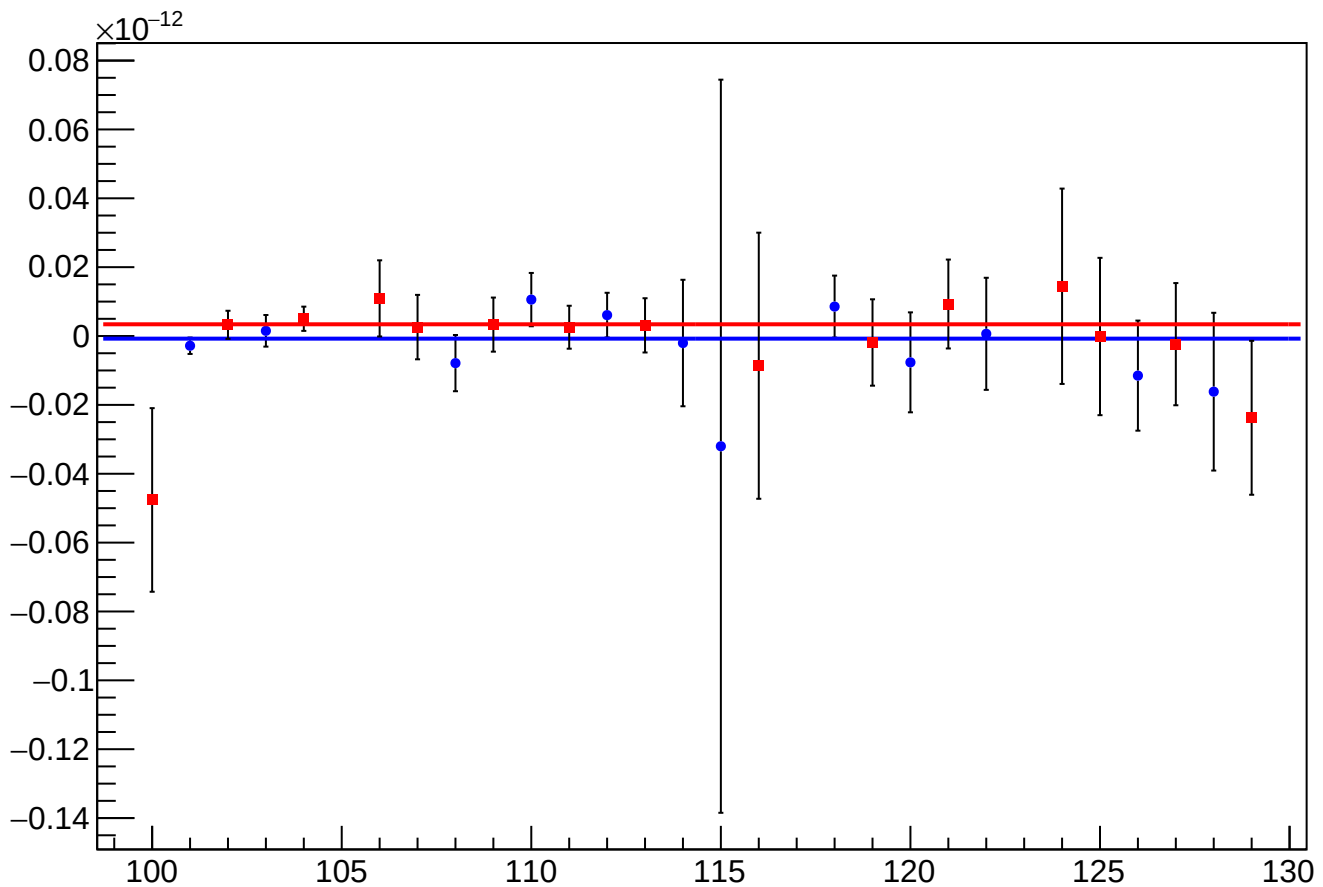
Right: 17.509+/-0.004 χ^2/NDF : 1333557.1/26

In: 17.884+/-0.006 χ^2/NDF : 647657.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.509+/-0.004 χ^2/NDF : 1333557.1/26

asym_sam_15_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 7.3/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 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

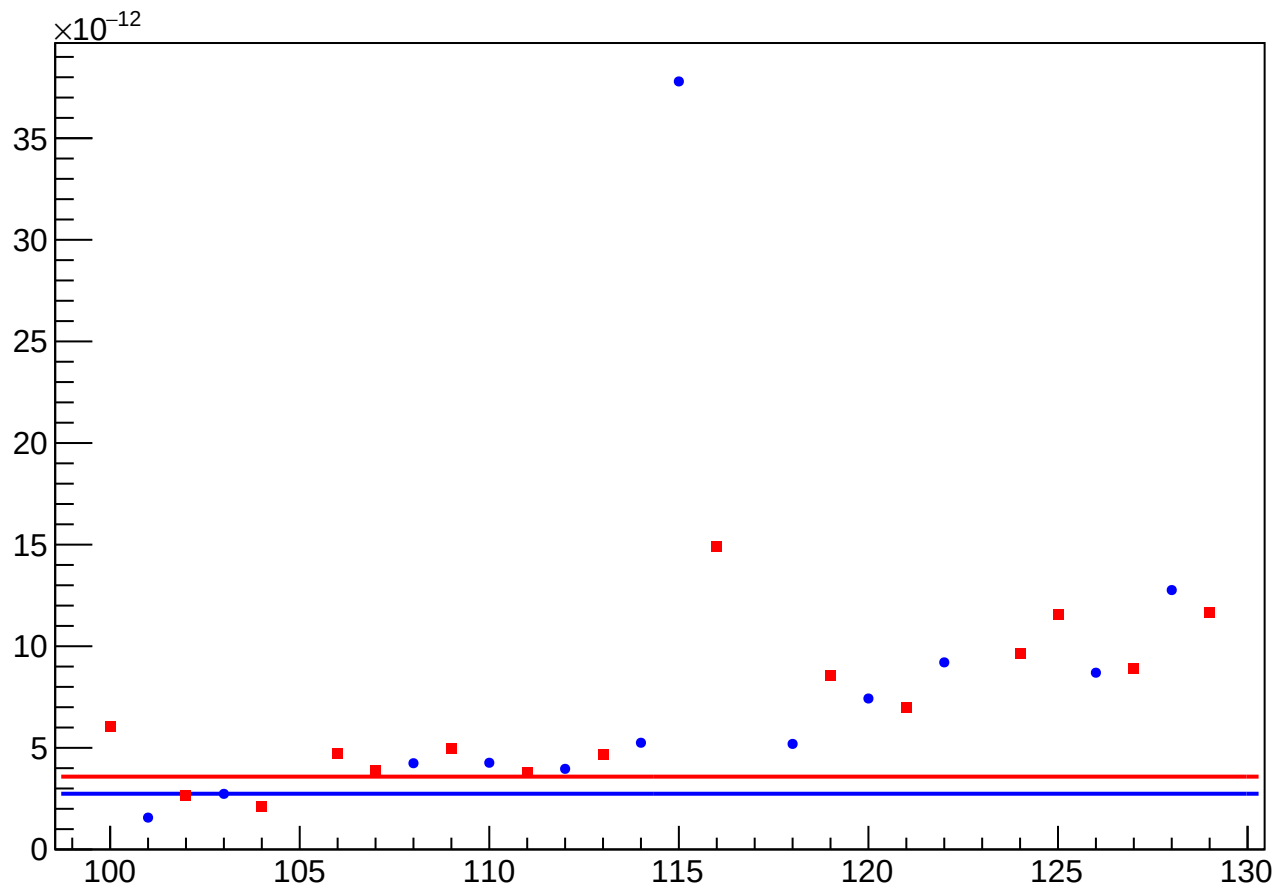
Right: 0.000+/-0.000 χ^2 /NDF: 16.3/26

In: -0.000+/-0.000 χ^2 /NDF:7.3/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 16.3/26

asym_sam_15_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2289172.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

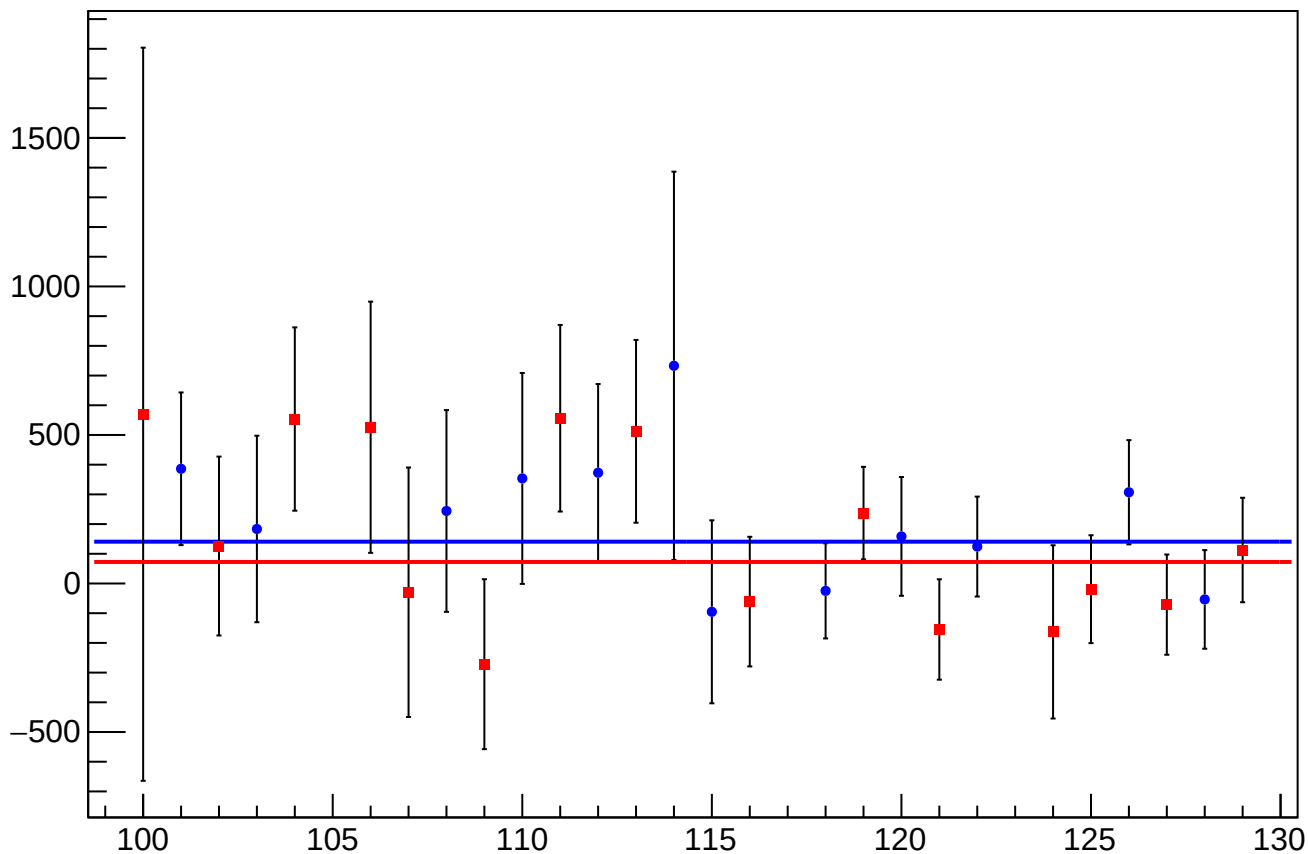
Right: 0.000+/-0.000 χ^2/NDF : 4484089.3/26

In: 0.000+/-0.000 χ^2/NDF : 2289172.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4484089.3/26

reg_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 140.762 $\pm$ 65.359 χ^2 /NDF: 6.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 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

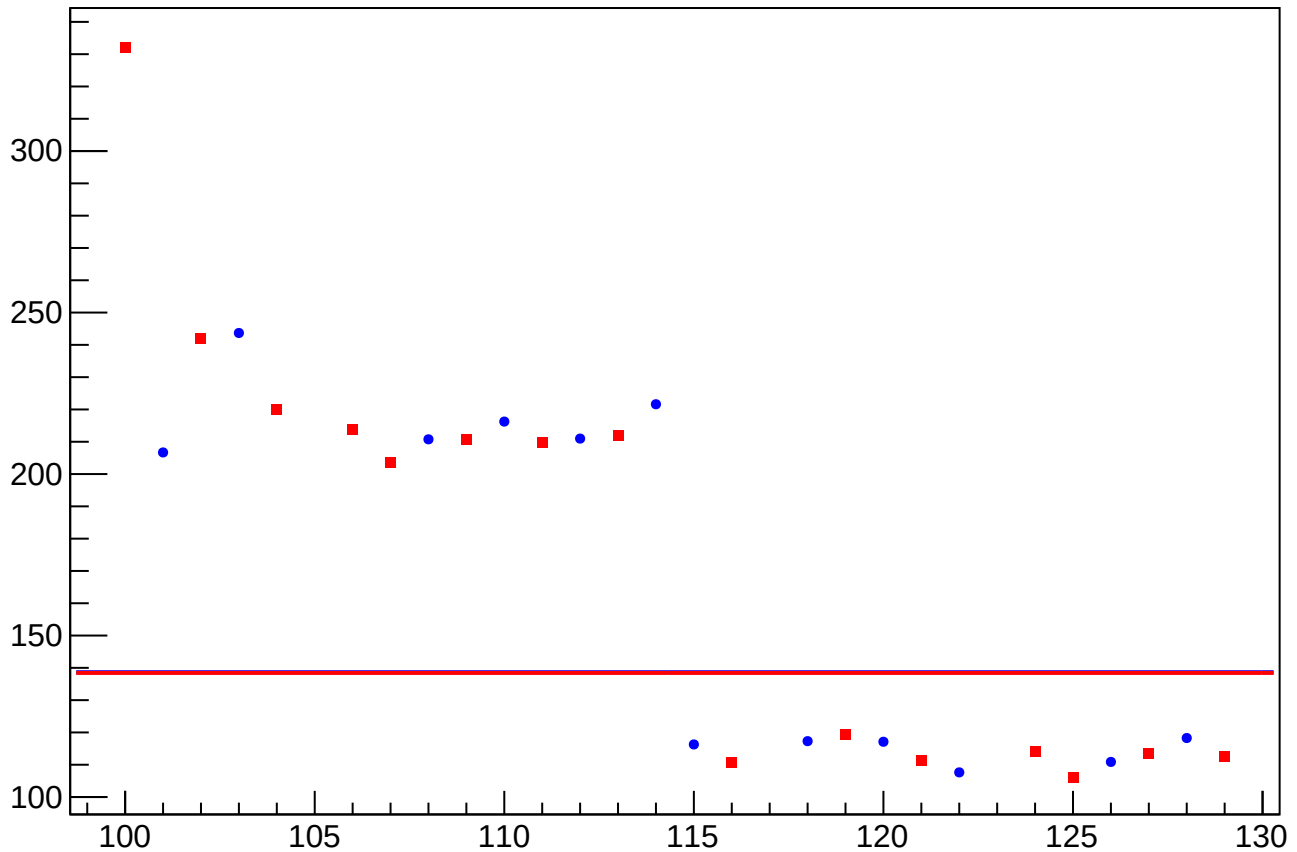
Right: 104.010 $\pm$ 44.398 χ^2 /NDF: 22.0/26

In: 140.762 $\pm$ 65.359 χ^2 /NDF: 6.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 104.010 $\pm$ 44.398 χ^2 /NDF: 22.0/26

reg_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 138.639+/-0.046 χ^2/NDF : 916842.4/11

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

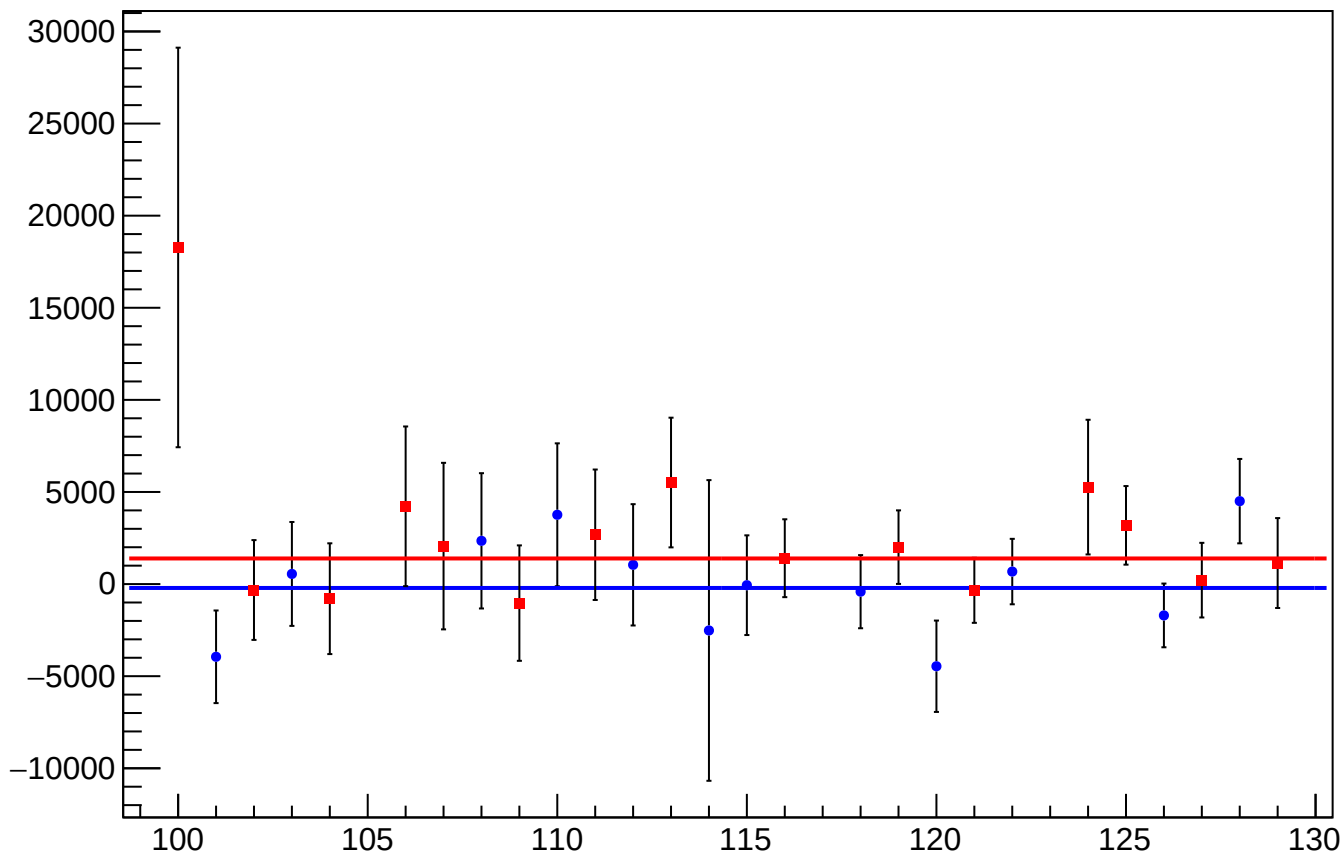
Right: 138.528+/-0.031 χ^2/NDF : 2075612.1/26

In: 138.639+/-0.046 χ^2/NDF : 916842.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.528+/-0.031 χ^2/NDF : 2075612.1/26

asym_sam_26_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -210.939 ± 720.475 χ^2/NDF : 12.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 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

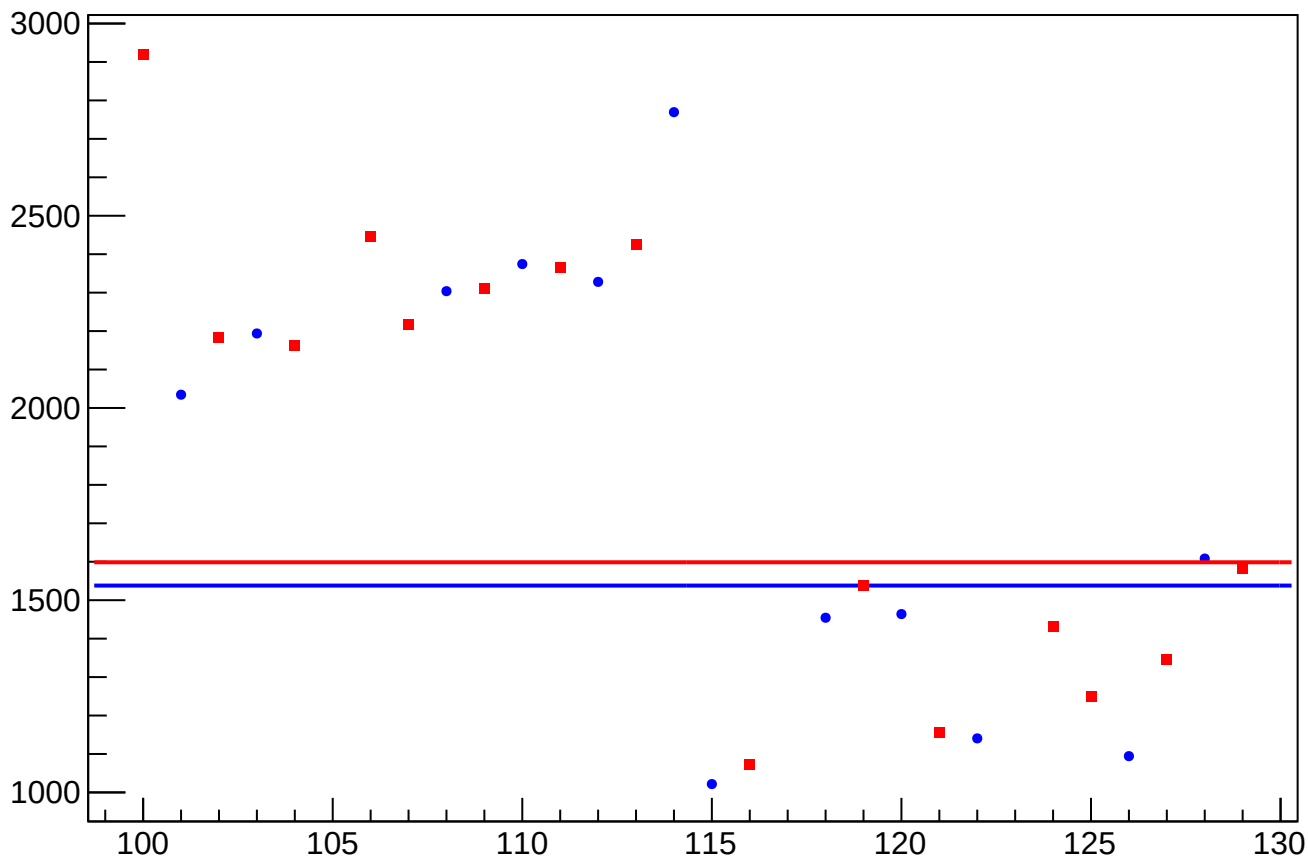
Right: 628.203 ± 497.018 χ^2/NDF : 23.9/26

In: -210.939 ± 720.475 χ^2/NDF : 12.2/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 628.203 ± 497.018 χ^2/NDF : 23.9/26

asym_sam_26_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1538.047+/-0.509 χ^2/NDF : 838507.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

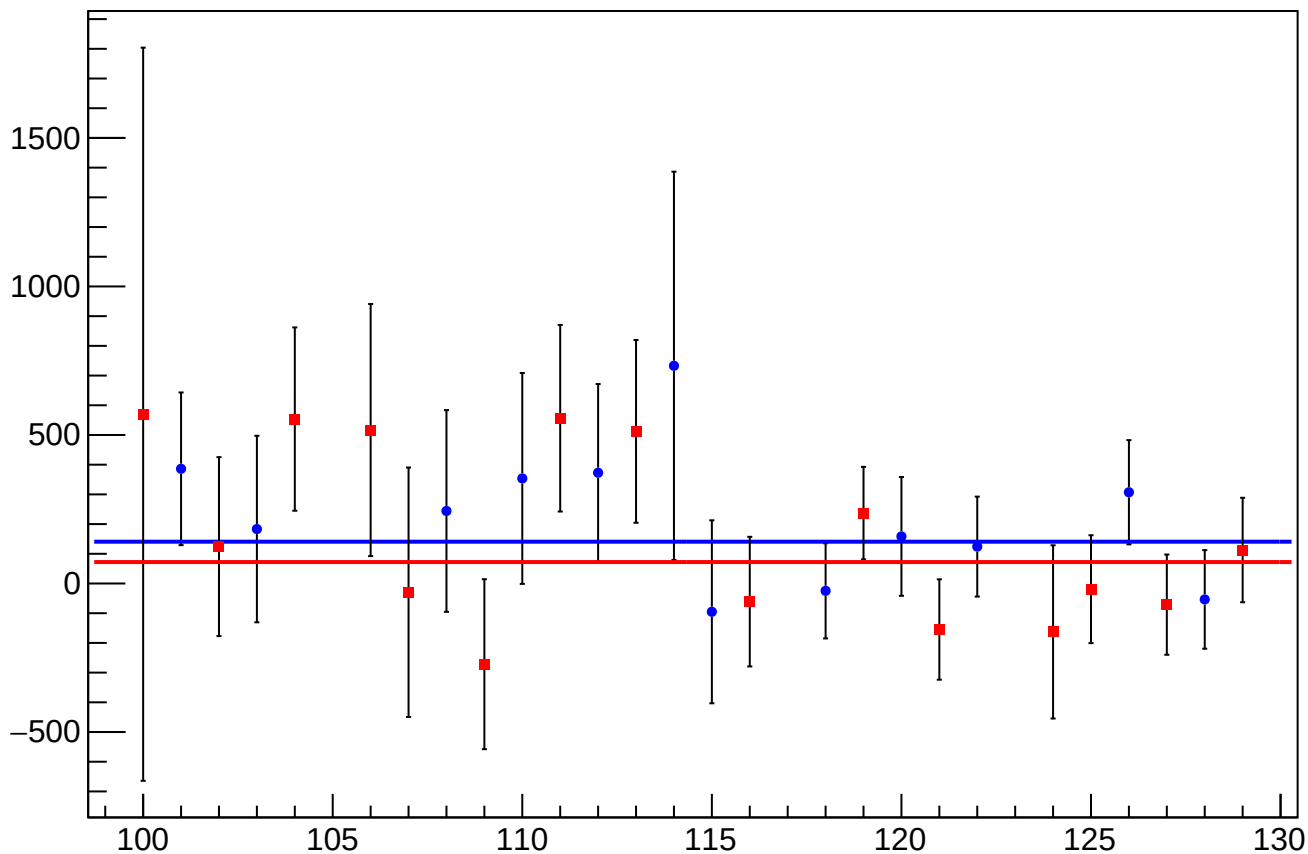
Right: 1569.810+/-0.351 χ^2/NDF : 1801820.5/26

In: 1538.047+/-0.509 χ^2/NDF : 838507.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1569.810+/-0.351 χ^2/NDF : 1801820.5/26

cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 140.753 $\pm$ 65.359 χ^2 /NDF: 6.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 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

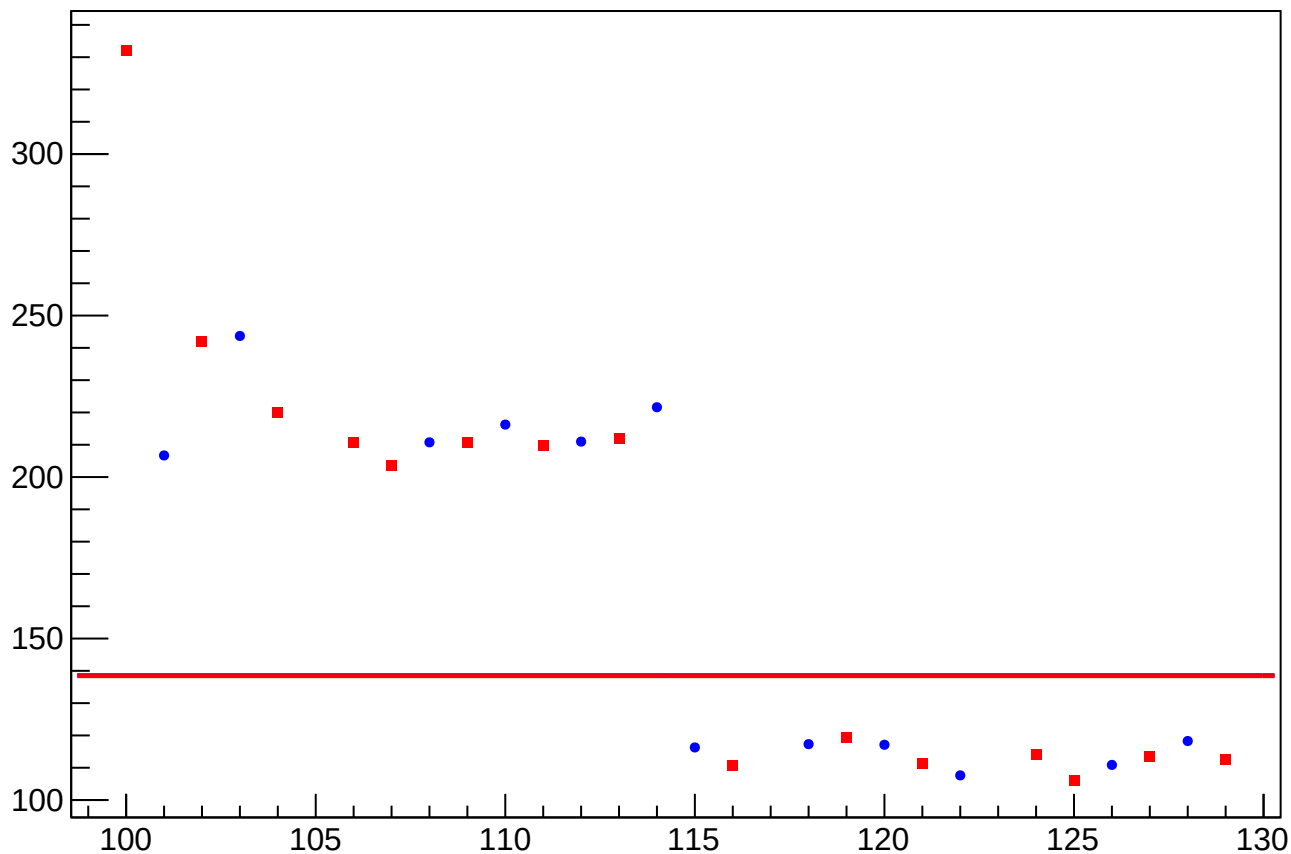
Right: 103.824 $\pm$ 44.400 χ^2 /NDF: 22.0/26

In: 140.753 $\pm$ 65.359 χ^2 /NDF:6.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 103.824 $\pm$ 44.400 χ^2 /NDF: 22.0/26

cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 138.639+/-0.046 χ^2/NDF : 916844.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

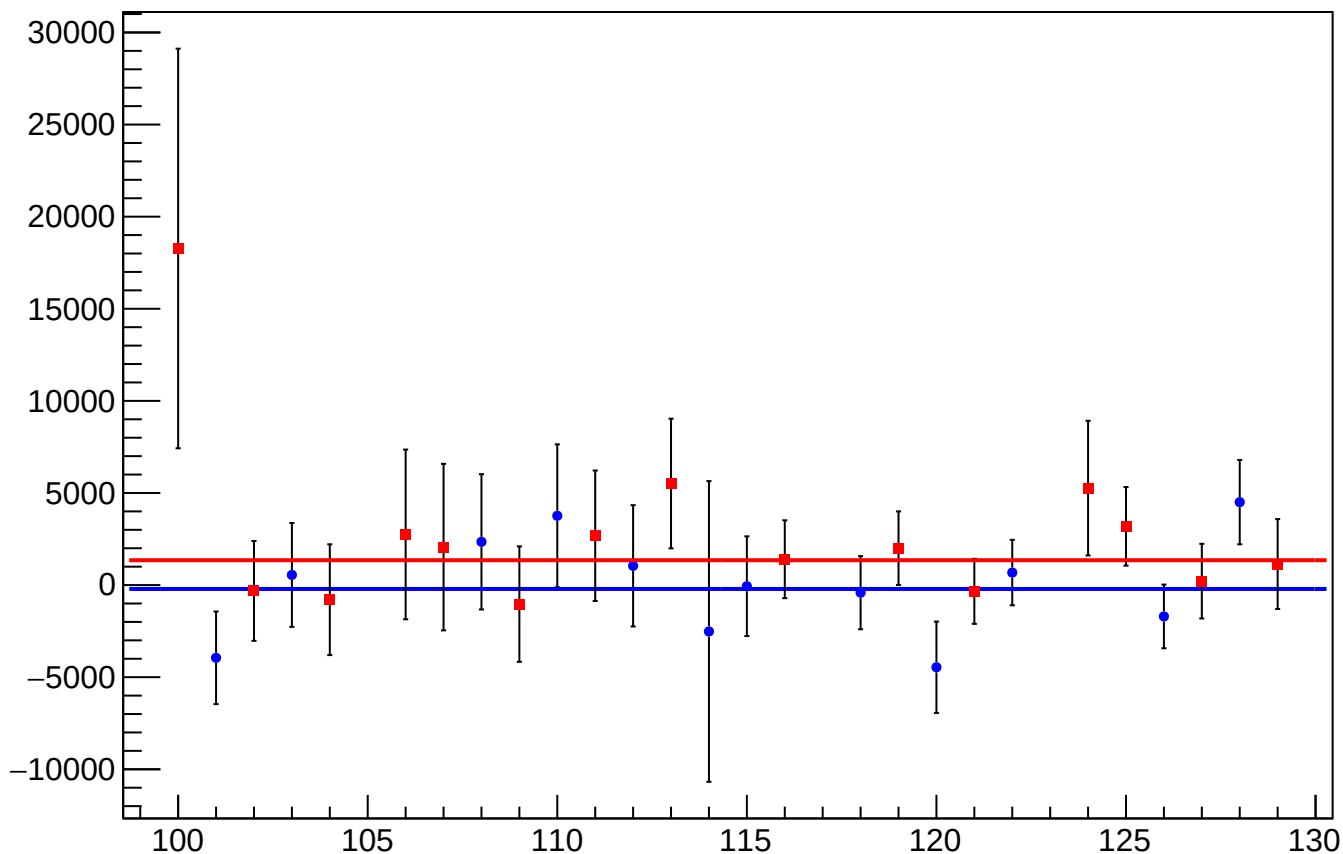
Right: 138.489+/-0.031 χ^2/NDF : 2070439.9/26

In: 138.639+/-0.046 χ^2/NDF : 916844.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.489+/-0.031 χ^2/NDF : 2070439.9/26

asym_sam_26_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -210.874+/-720.477 χ^2/NDF : 12.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

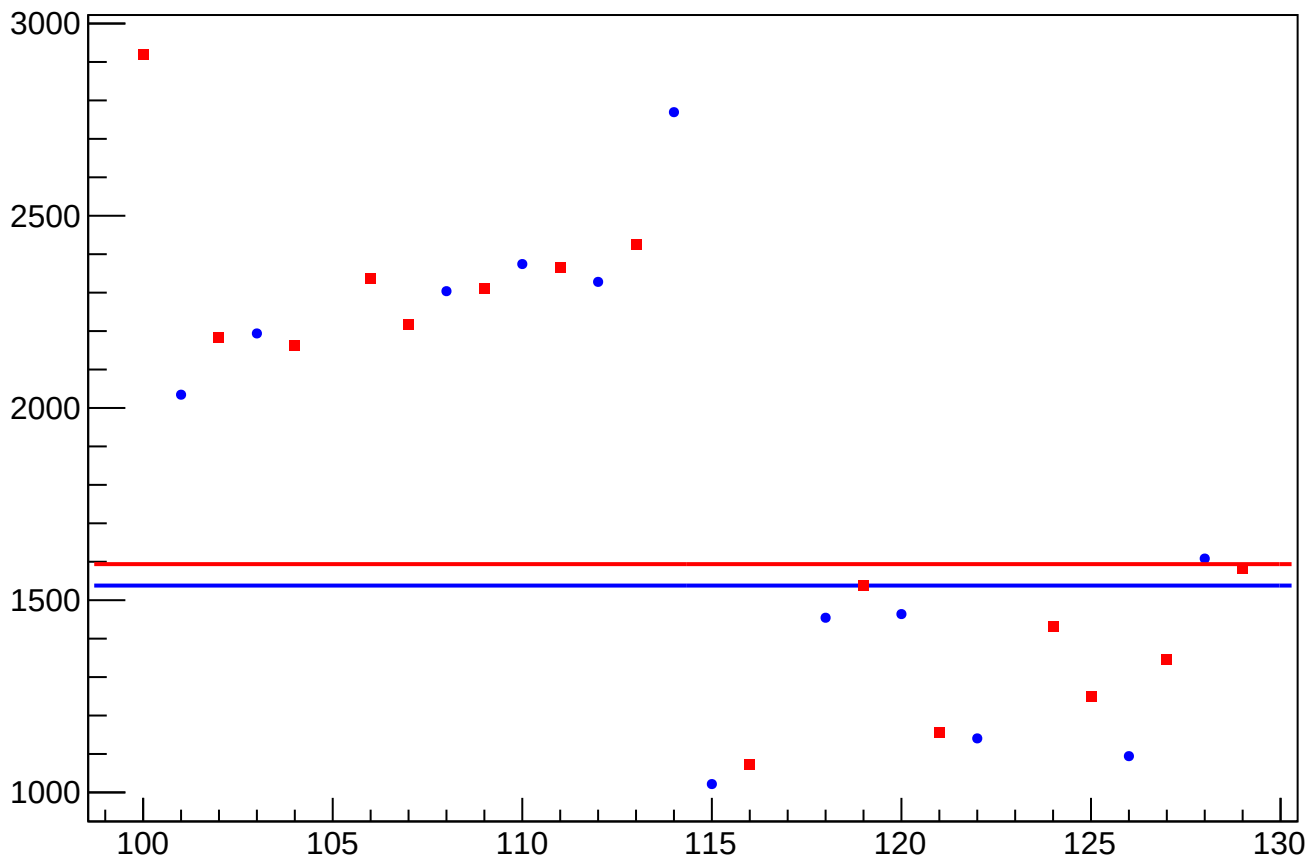
Right: 605.874+/-497.405 χ^2/NDF : 23.5/26

In: -210.874+/-720.477 χ^2/NDF : 12.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 605.874+/-497.405 χ^2/NDF : 23.5/26

asym_sam_26_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1538.050+/-0.509 χ^2/NDF : 838534.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

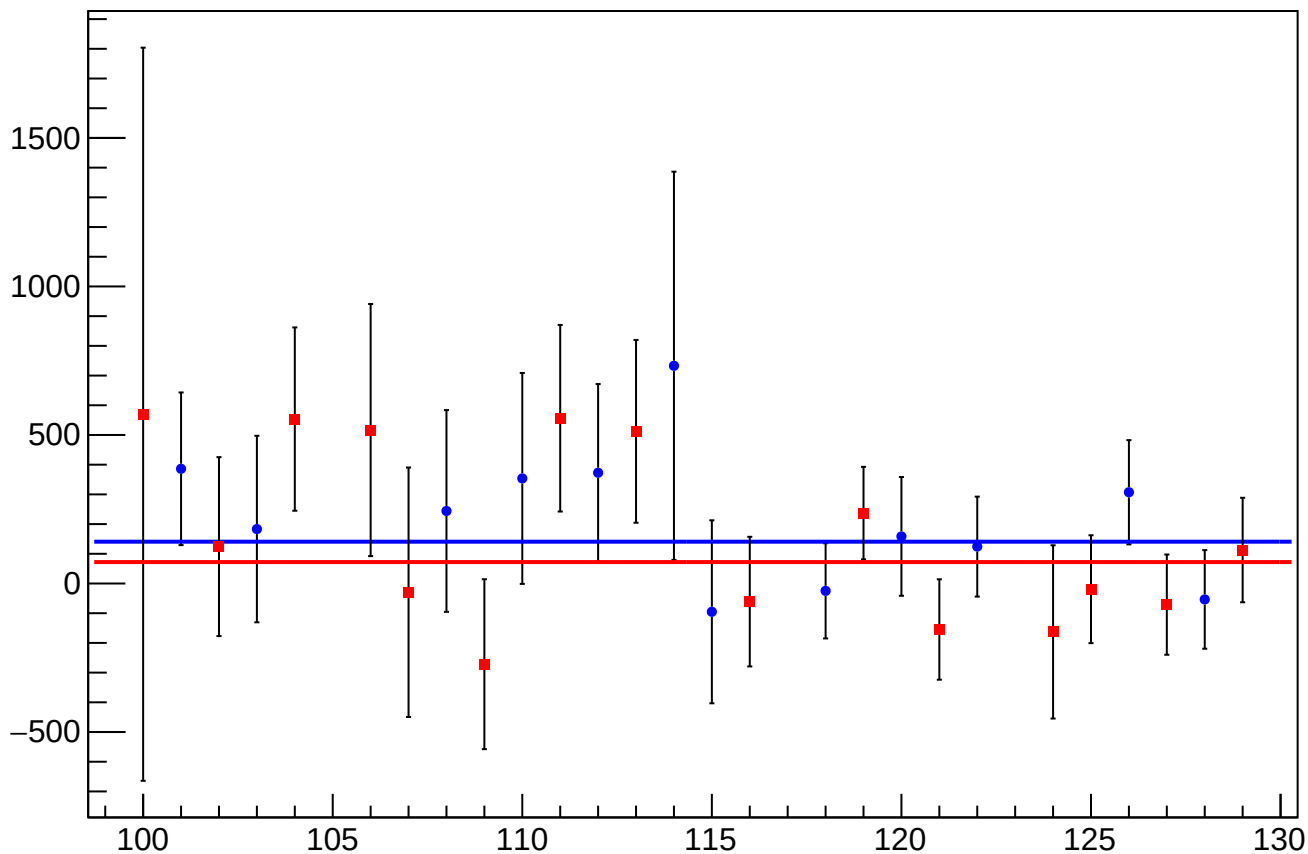
Right: 1567.235+/-0.352 χ^2/NDF : 1775871.1/26

In: 1538.050+/-0.509 χ^2/NDF : 838534.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1567.235+/-0.352 χ^2/NDF : 1775871.1/26

eigen_cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 140.753 $\pm$ 65.359 χ^2 /NDF: 6.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 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

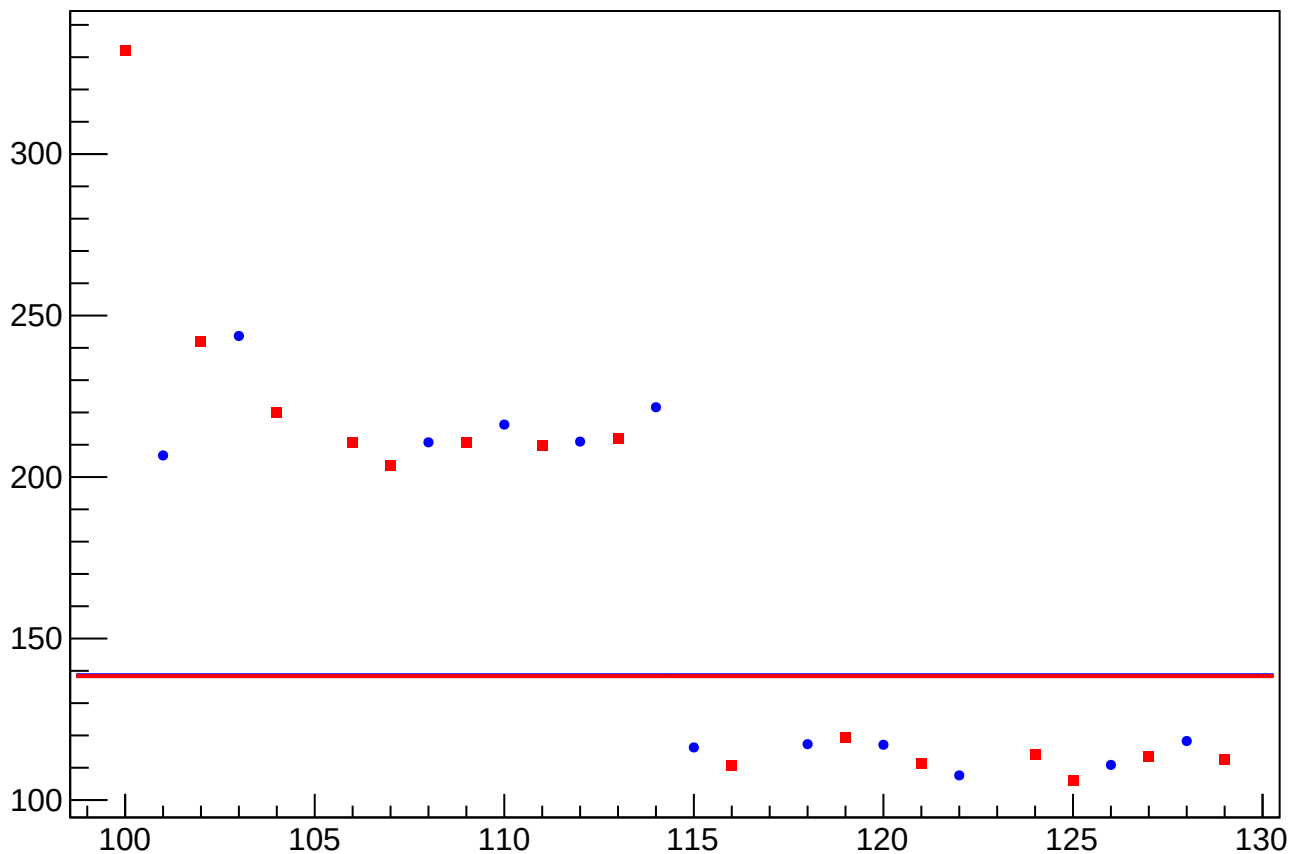
Right: 103.824 $\pm$ 44.400 χ^2 /NDF: 22.0/26

In: 140.753 $\pm$ 65.359 χ^2 /NDF:6.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 103.824 $\pm$ 44.400 χ^2 /NDF: 22.0/26

eigen_cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 138.639+/-0.046 χ^2/NDF : 916844.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

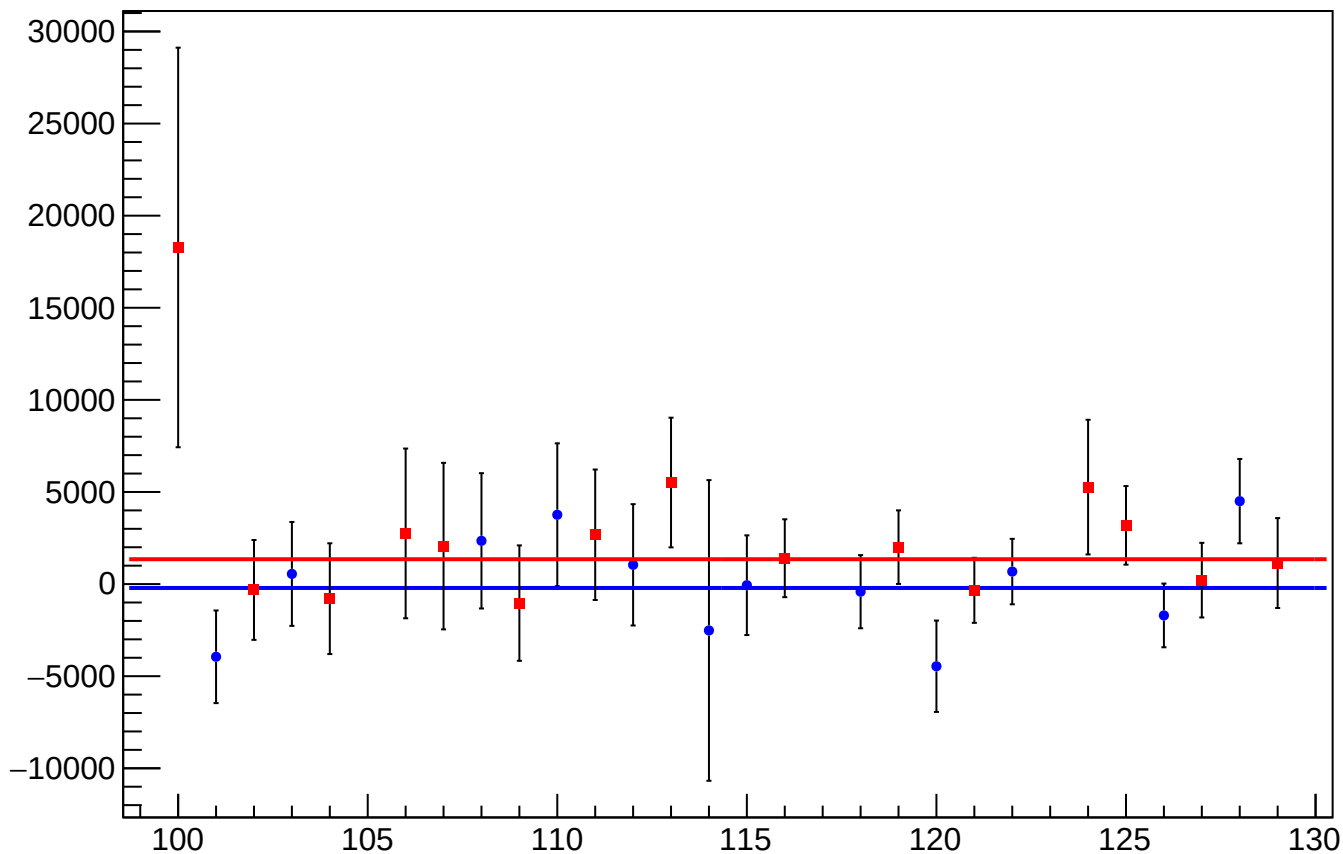
Right: 138.489+/-0.031 χ^2/NDF : 2070439.9/26

In: 138.639+/-0.046 χ^2/NDF : 916844.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.489+/-0.031 χ^2/NDF : 2070439.9/26

asym_sam_26_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -210.874 ± 720.477 χ^2/NDF : 12.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 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

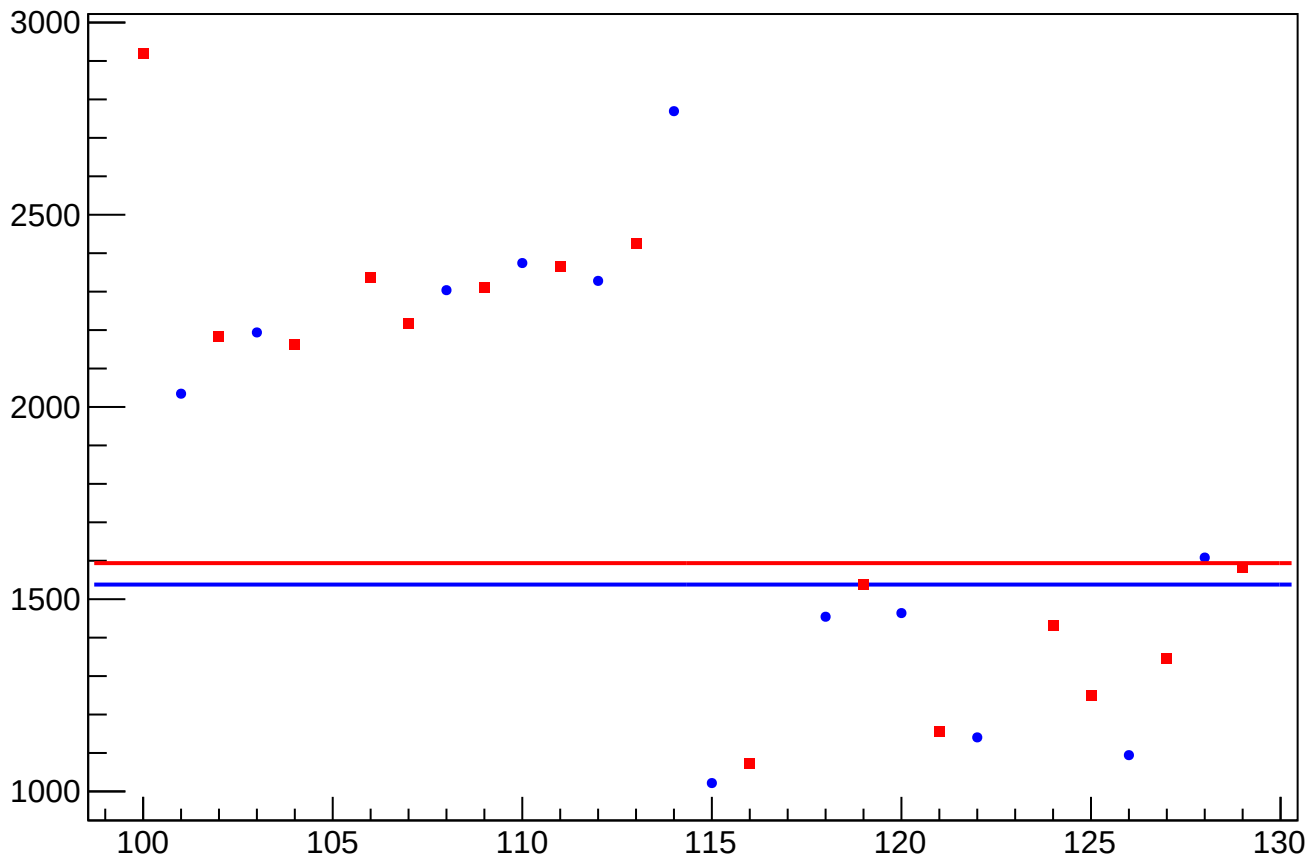
Right: 605.874 ± 497.405 χ^2/NDF : 23.5/26

In: -210.874 ± 720.477 χ^2/NDF : 12.2/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 605.874 ± 497.405 χ^2/NDF : 23.5/26

asym_sam_26_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1538.050+/-0.509 χ^2/NDF : 838534.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

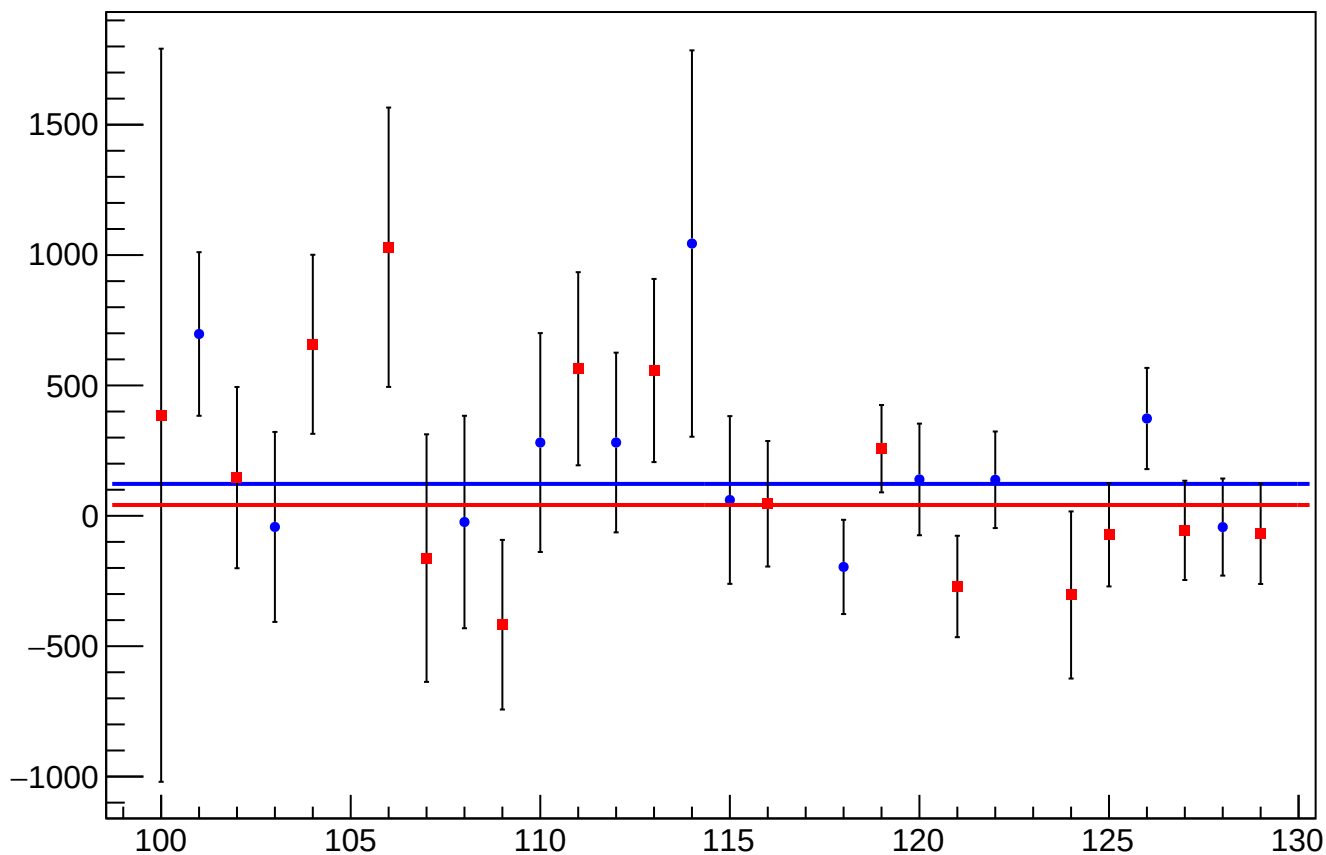
Right: 1567.235+/-0.352 χ^2/NDF : 1775871.1/26

In: 1538.050+/-0.509 χ^2/NDF : 838534.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1567.235+/-0.352 χ^2/NDF : 1775871.1/26

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 122.418 $\pm$ 73.263 χ^2 /NDF: 11.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 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

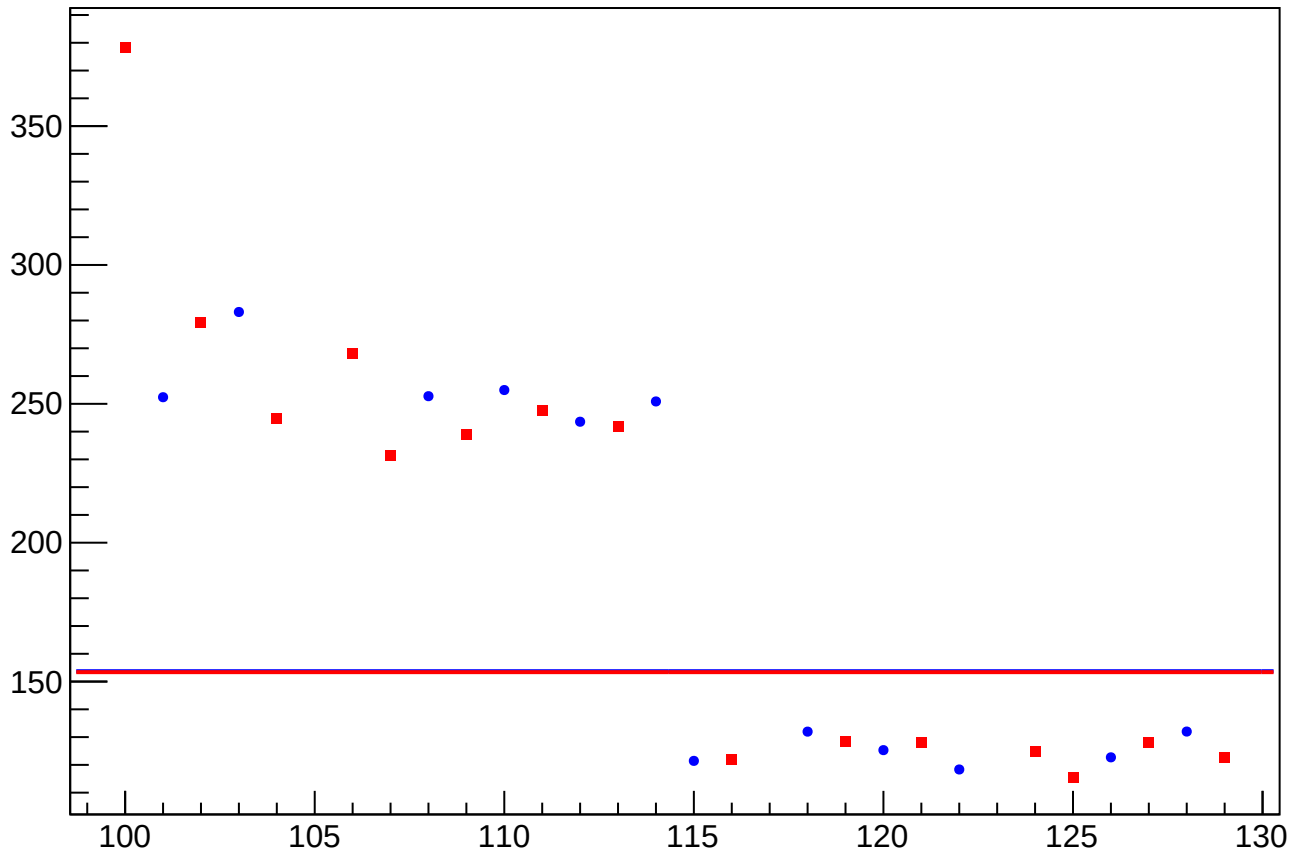
Right: 78.677 $\pm$ 49.649 χ^2 /NDF: 31.3/26

In: 122.418 $\pm$ 73.263 χ^2 /NDF:11.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 78.677 $\pm$ 49.649 χ^2 /NDF: 31.3/26

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 153.732+/-0.052 χ^2/NDF : 1090265.6/11

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

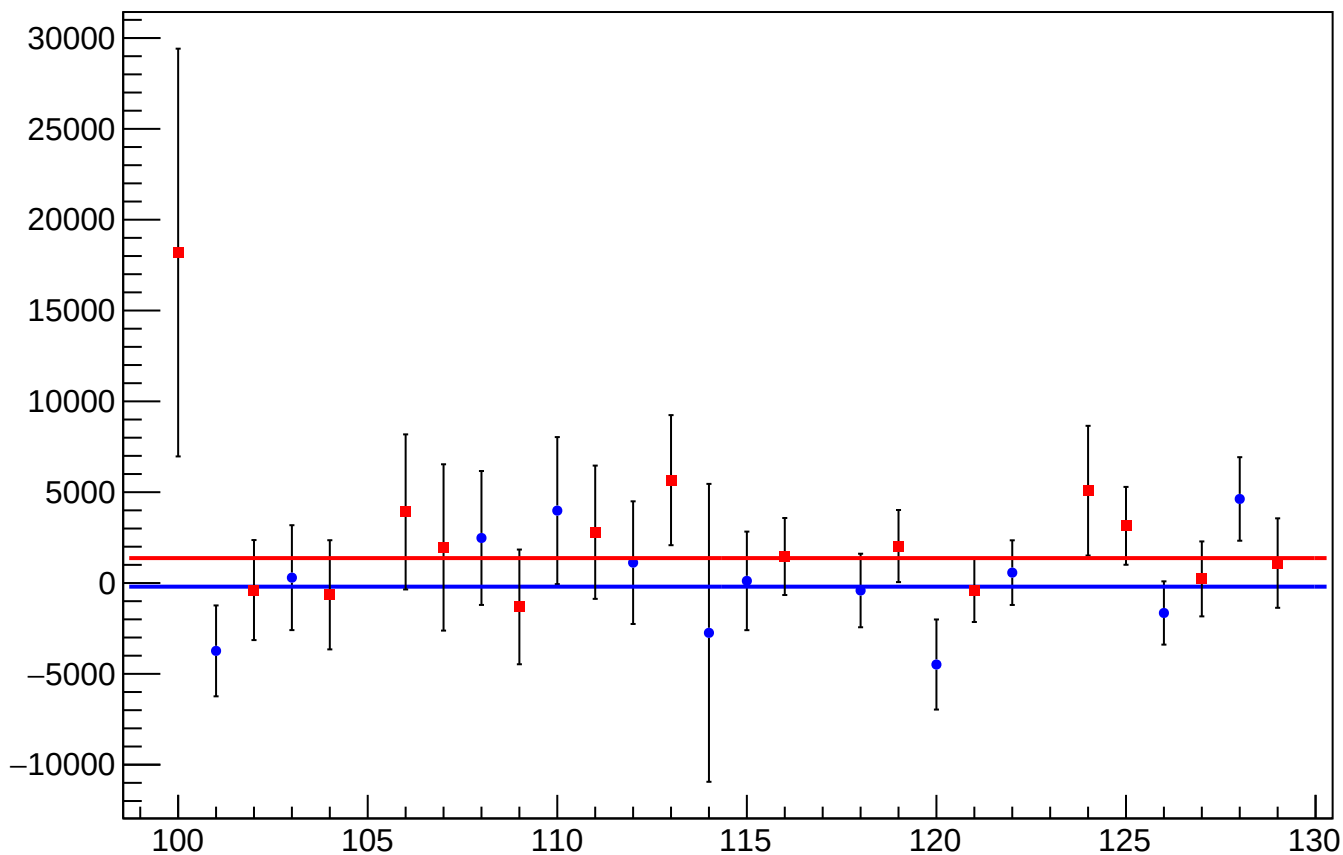
Right: 153.546+/-0.035 χ^2/NDF : 2374592.3/26

In: 153.732+/-0.052 χ^2/NDF : 1090265.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.546+/-0.035 χ^2/NDF : 2374592.3/26

asym_sam_26_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -200.407+/-726.590 χ^2/NDF : 12.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

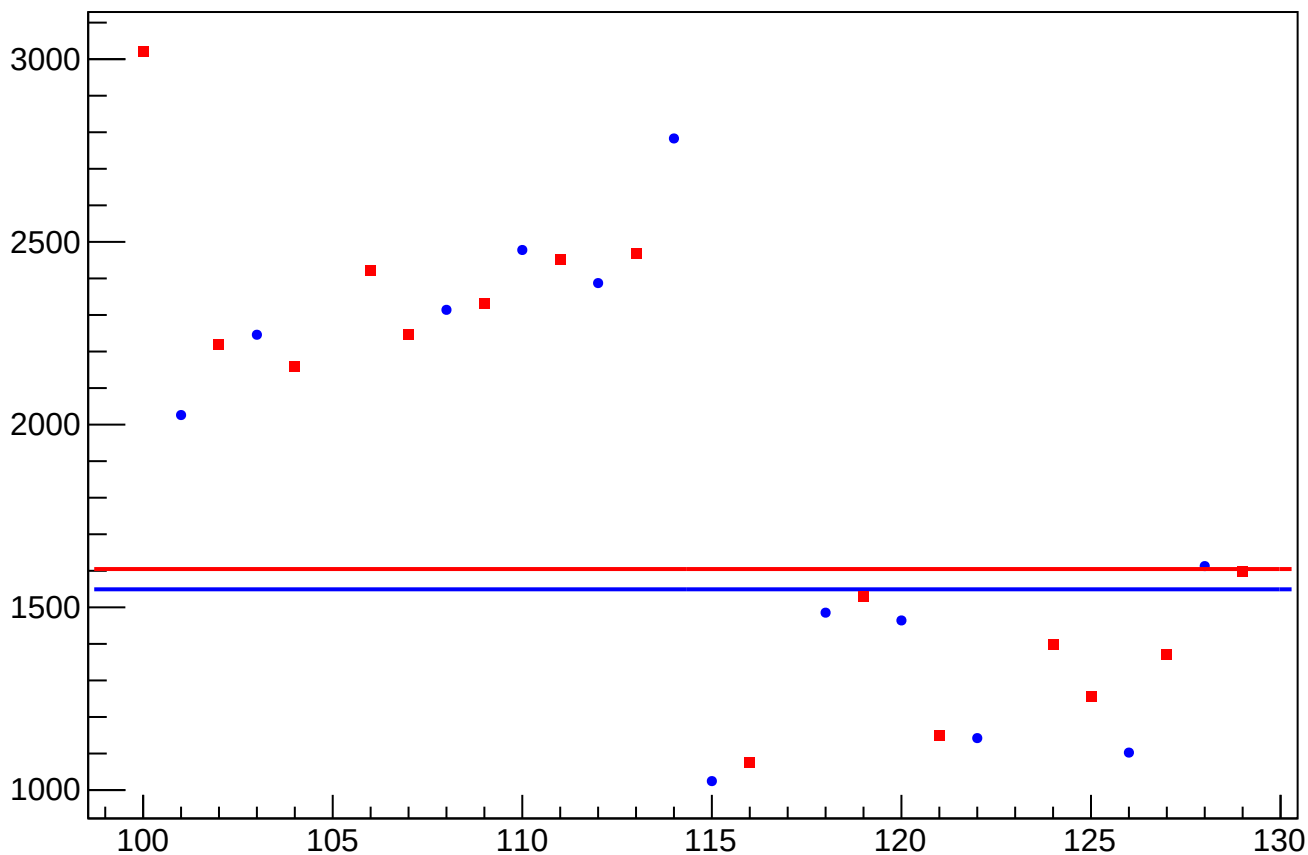
Right: 626.615+/-500.268 χ^2/NDF : 23.6/26

In: -200.407+/-726.590 χ^2/NDF : 12.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 626.615+/-500.268 χ^2/NDF : 23.6/26

asym_sam_26_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1549.333+/-0.514 χ^2/NDF : 865932.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

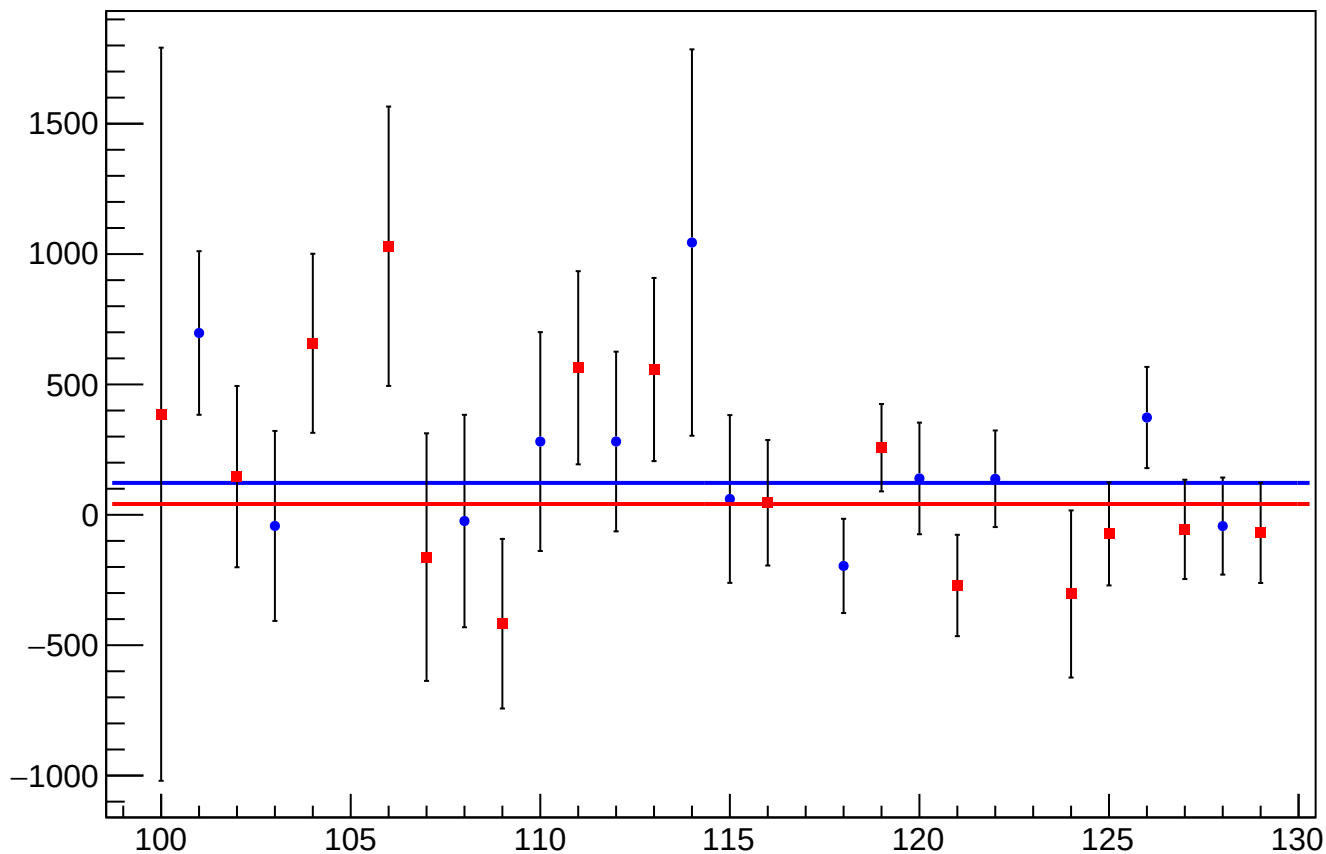
Right: 1578.505+/-0.354 χ^2/NDF : 1859210.8/26

In: 1549.333+/-0.514 χ^2/NDF : 865932.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1578.505+/-0.354 χ^2/NDF : 1859210.8/26

eigen_dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 122.419 $\pm$ 73.263 χ^2 /NDF: 11.2/11

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 41.525 $\pm$ -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

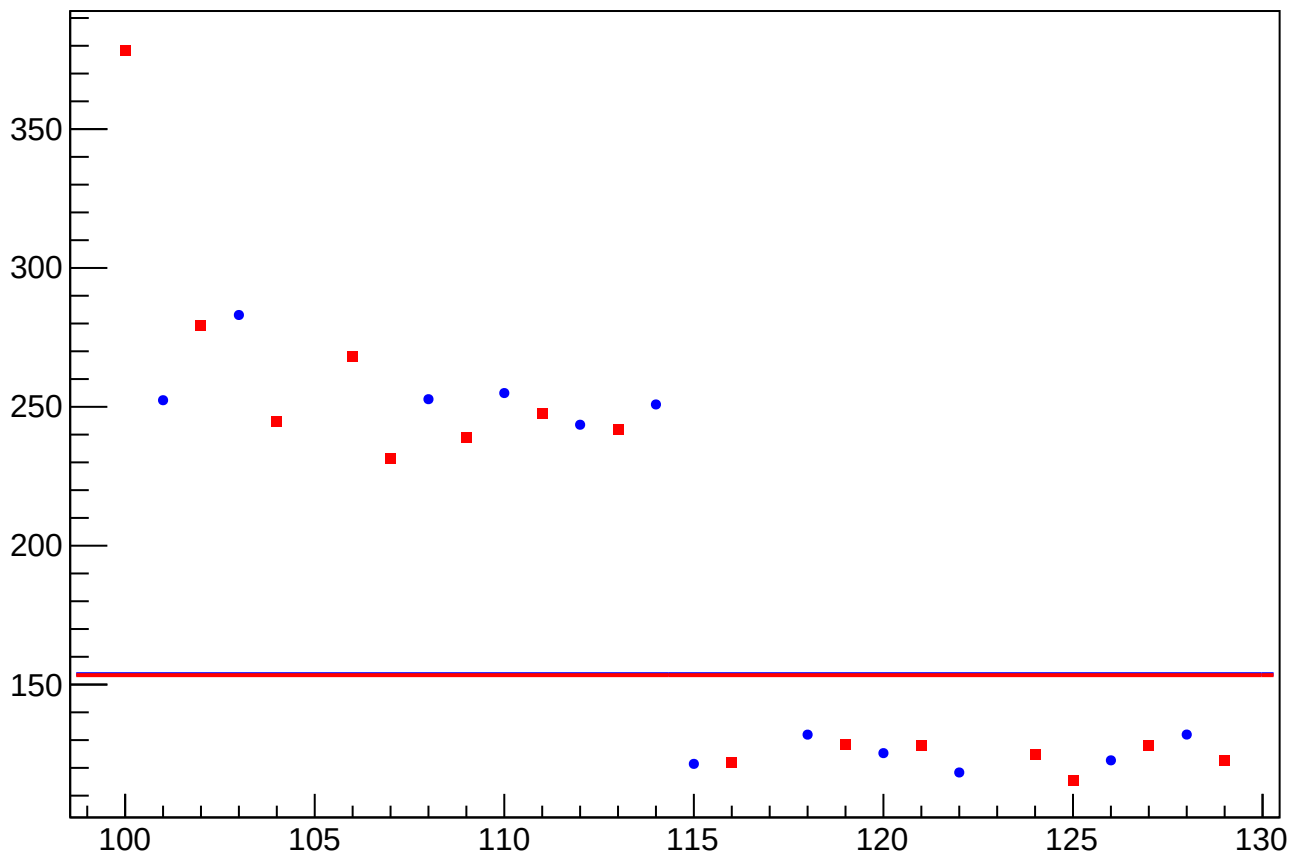
Right: 78.677 $\pm$ -49.649 χ^2 /NDF: 31.3/26

In: 122.419 $\pm$ -73.263 χ^2 /NDF:11.2/11

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 78.677 $\pm$ -49.649 χ^2 /NDF: 31.3/26

eigen_dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 153.731+/-0.052 χ^2/NDF : 1090250.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

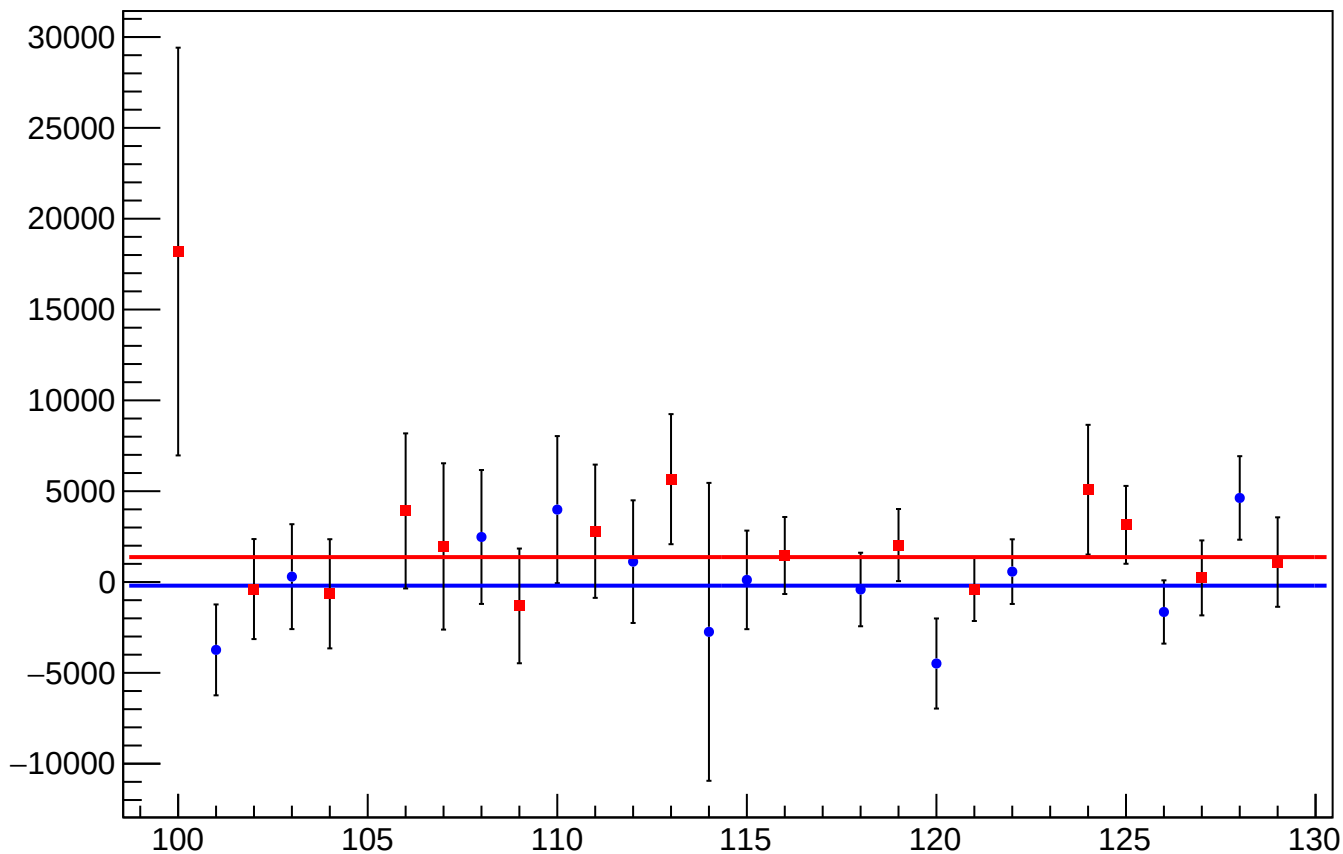
Right: 153.546+/-0.035 χ^2/NDF : 2374559.6/26

In: 153.731+/-0.052 χ^2/NDF : 1090250.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.546+/-0.035 χ^2/NDF : 2374559.6/26

asym_sam_26_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -200.402+/-726.589 χ^2/NDF : 12.2/11

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

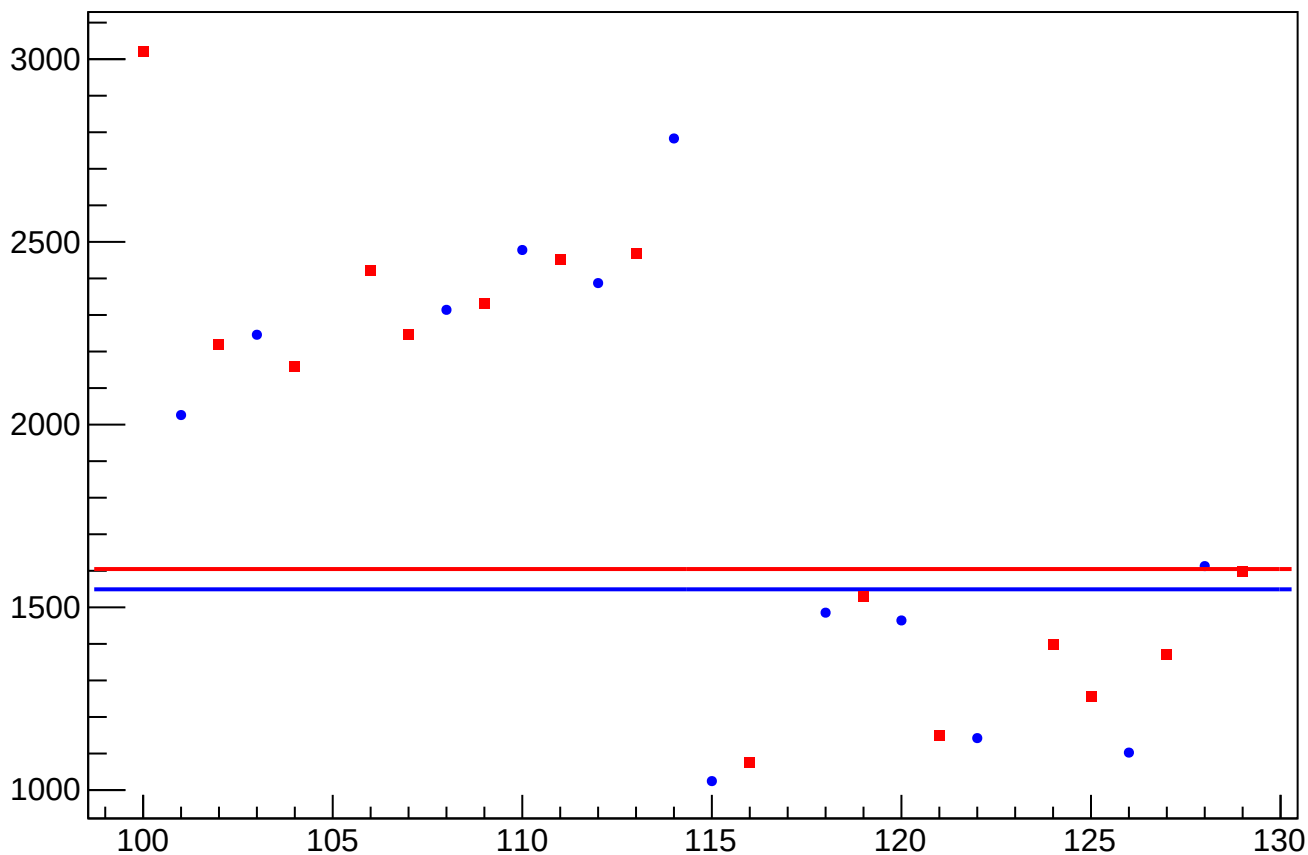
Right: 626.616+/-500.267 χ^2/NDF : 23.6/26

In: -200.402+/-726.589 χ^2/NDF : 12.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 626.616+/-500.267 χ^2/NDF : 23.6/26

asym_sam_26_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1549.331+/-0.514 χ^2/NDF : 865920.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

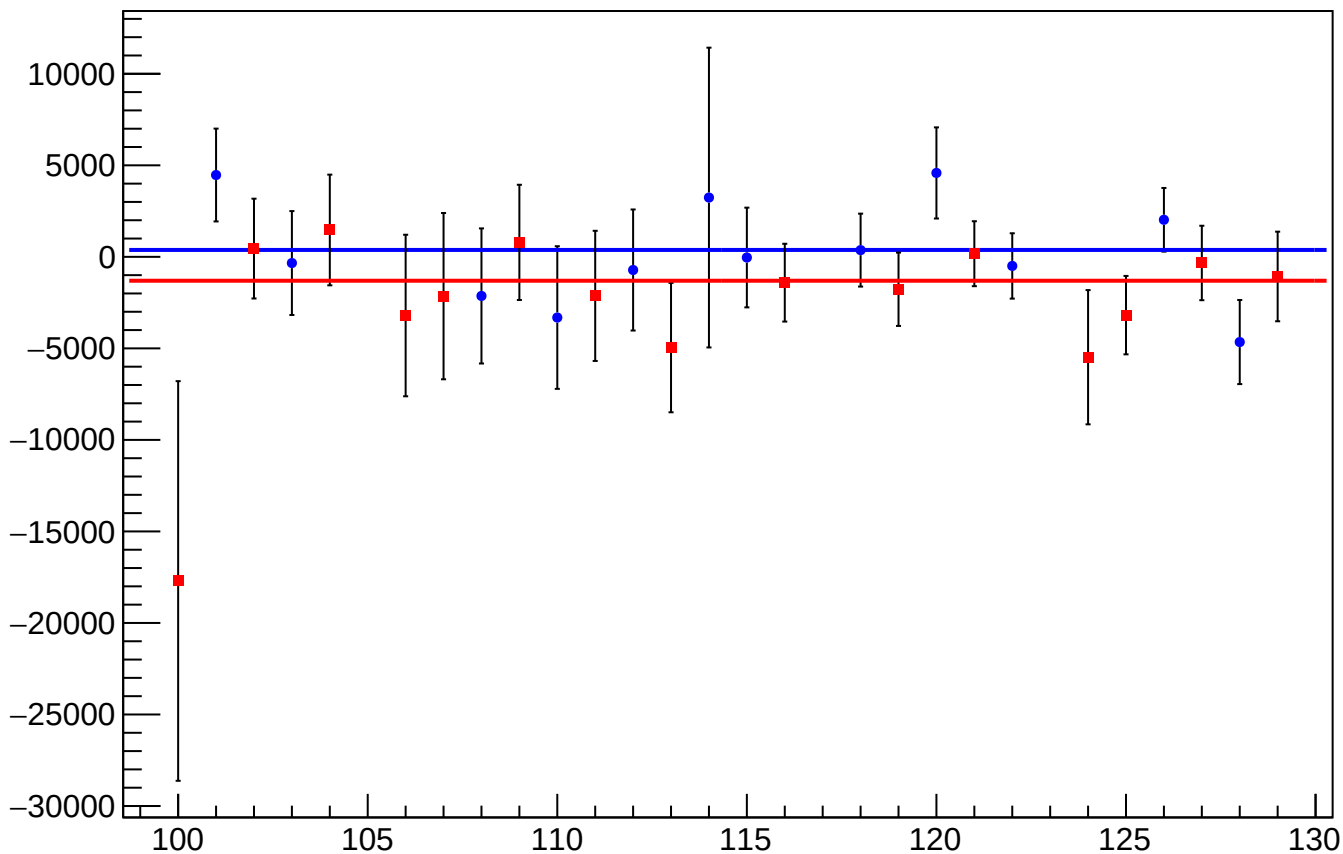
Right: 1578.503+/-0.354 χ^2/NDF : 1859187.3/26

In: 1549.331+/-0.514 χ^2/NDF : 865920.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1578.503+/-0.354 χ^2/NDF : 1859187.3/26

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 377.478+/-724.007 χ^2/NDF : 13.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

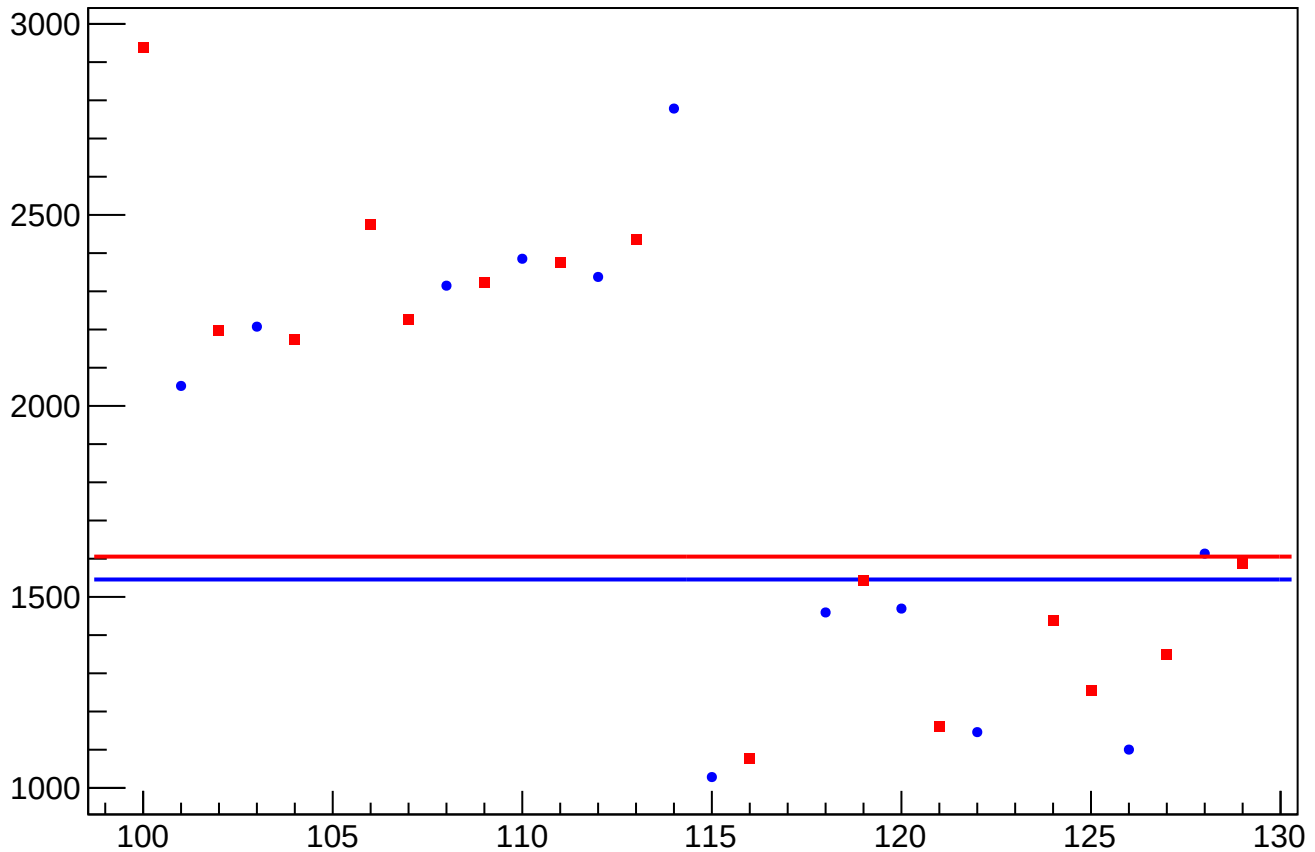
Right: -504.476+/-499.399 χ^2/NDF : 24.3/26

In: 377.478+/-724.007 χ^2/NDF : 13.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -504.476+/-499.399 χ^2/NDF : 24.3/26

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1545.613+/-0.512 χ^2/NDF : 839481.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

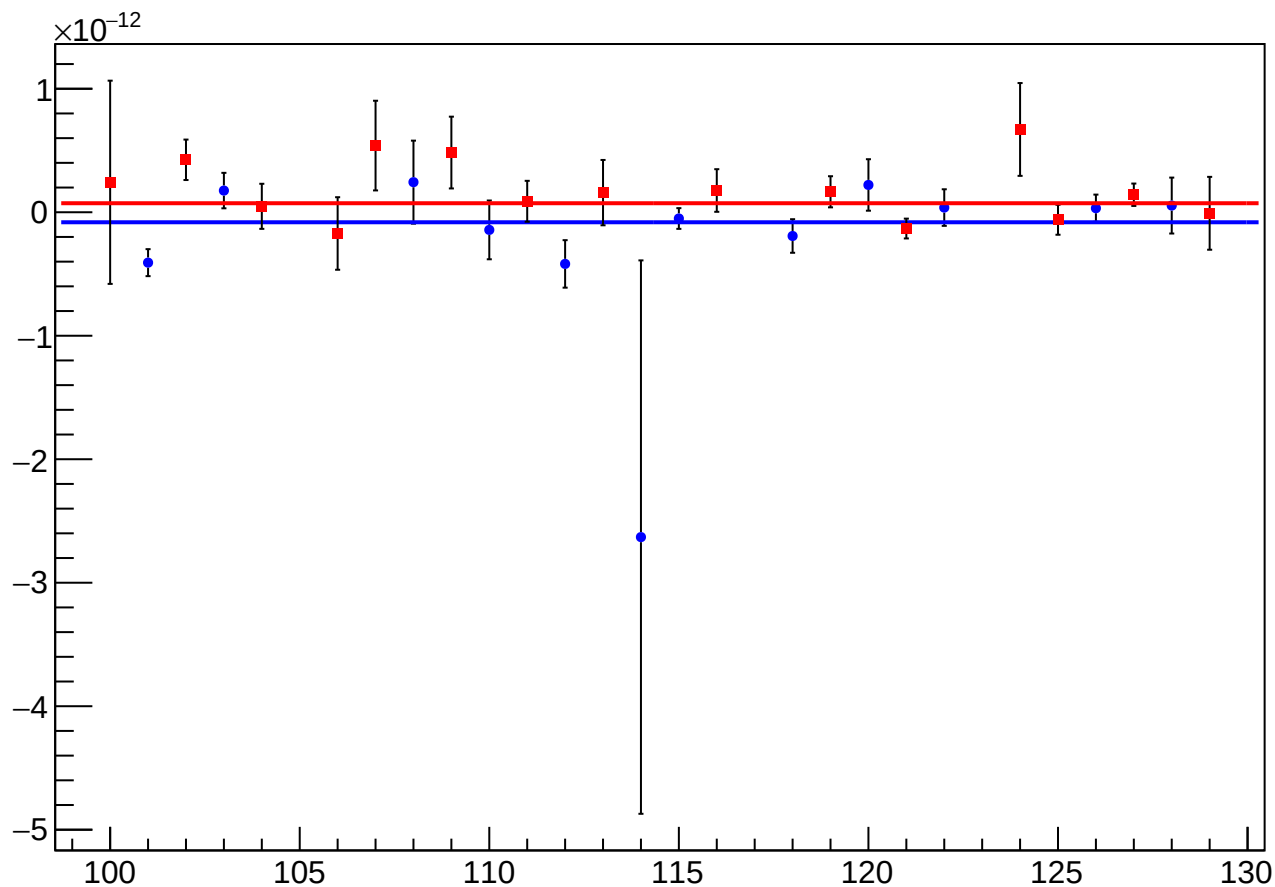
Right: 1577.007+/-0.353 χ^2/NDF : 1804228.3/26

In: 1545.613+/-0.512 χ^2/NDF : 839481.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1577.007+/-0.353 χ^2/NDF : 1804228.3/26

asym_sam_26_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 22.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

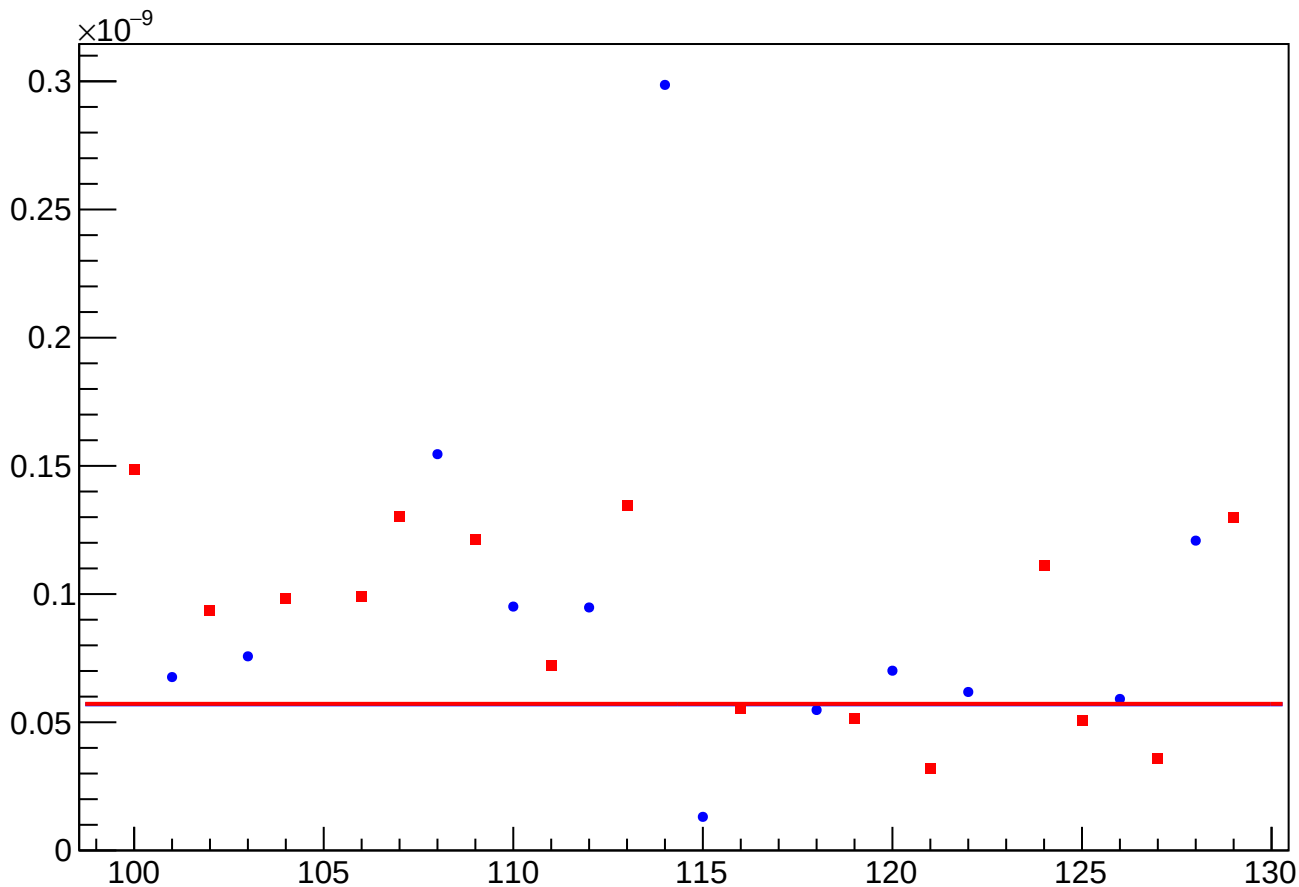
Right: -0.000+/-0.000 χ^2/NDF : 50.4/26

In: -0.000+/-0.000 χ^2/NDF : 22.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 50.4/26

asym_sam_26_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1090295.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

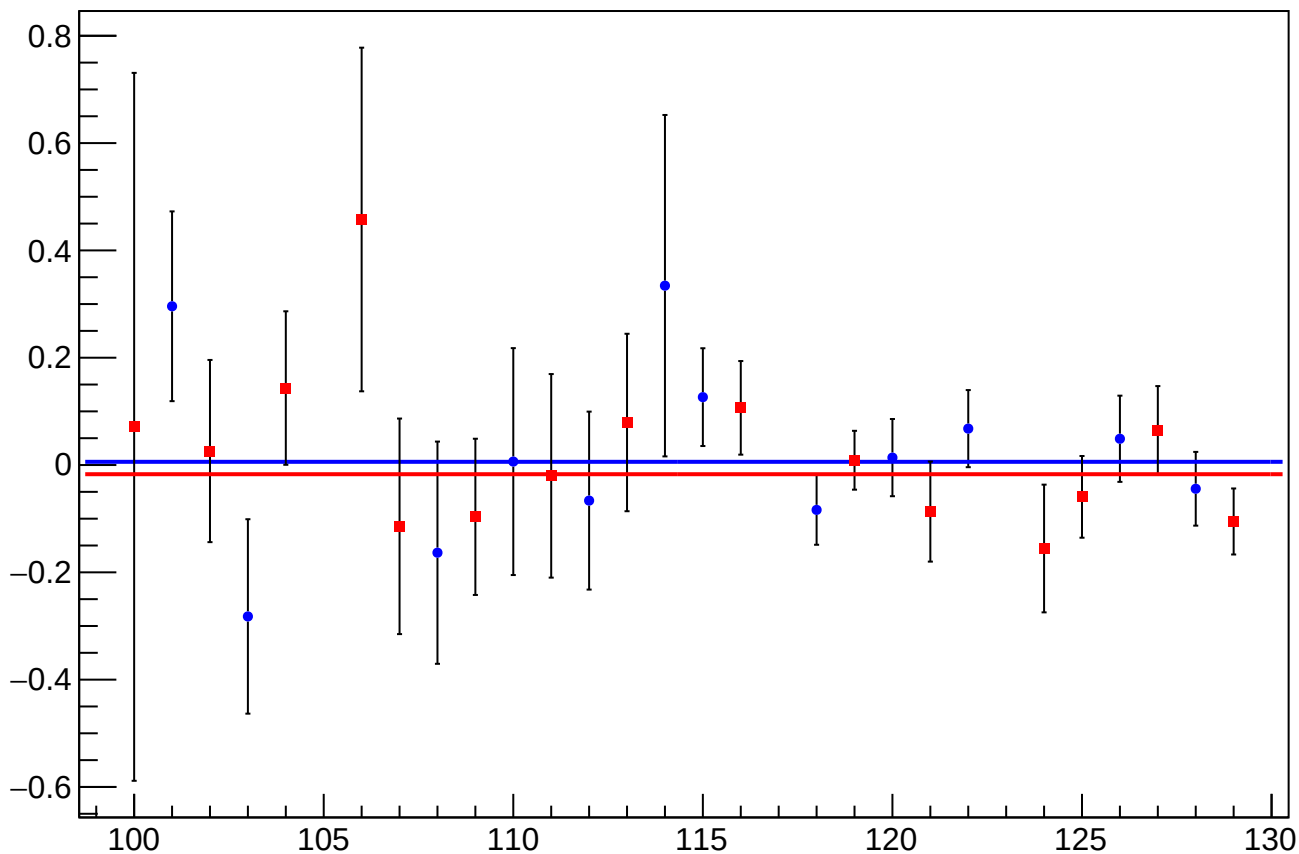
Right: 0.000+/-0.000 χ^2/NDF : 2202478.8/26

In: 0.000+/-0.000 χ^2/NDF : 1090295.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2202478.8/26

asym_sam_26_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006+/-0.028 χ^2/NDF : 12.4/11

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

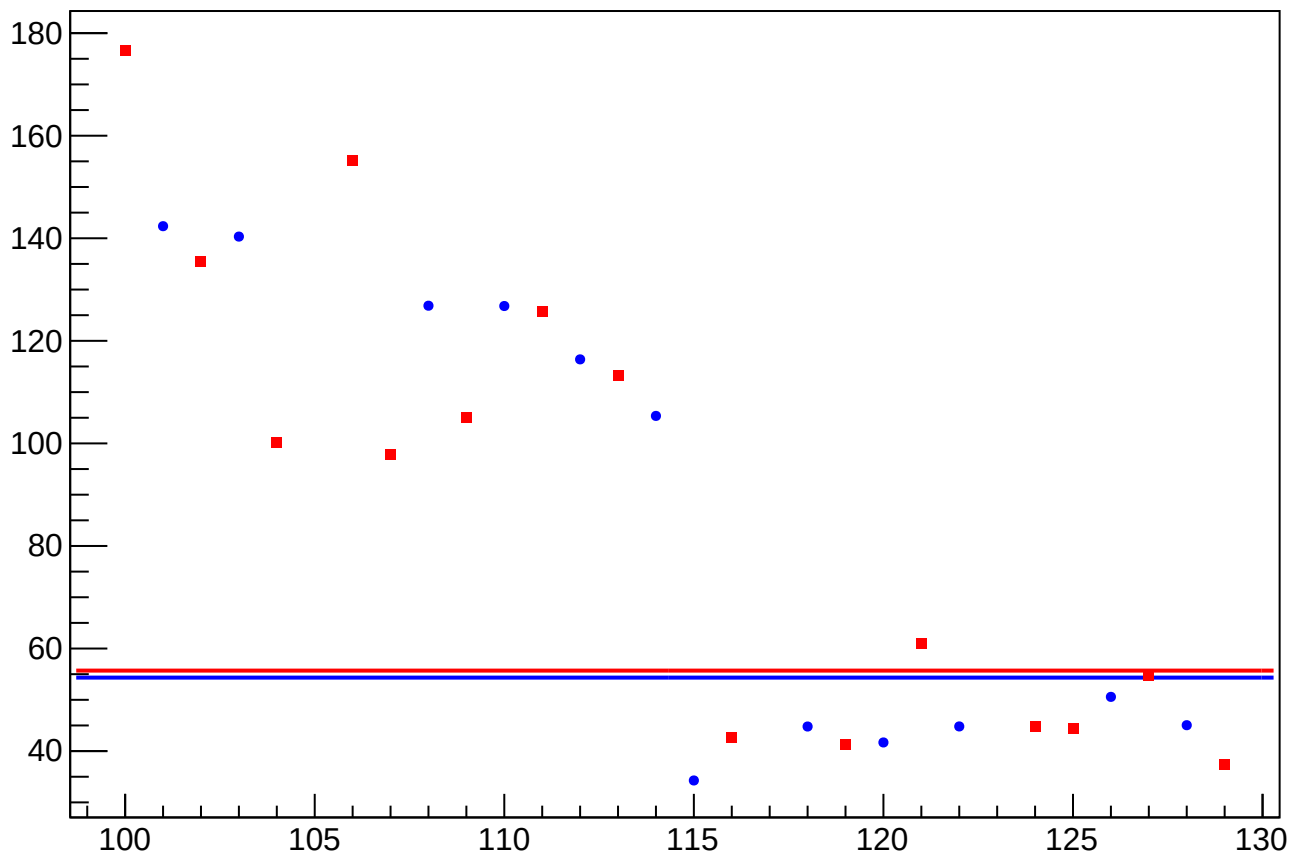
Right: -0.006+/-0.019 χ^2/NDF : 24.6/26

In: 0.006+/-0.028 χ^2/NDF : 12.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.019 χ^2/NDF : 24.6/26

asym_sam_26_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.331+/-0.020 χ^2/NDF : 2035414.2/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

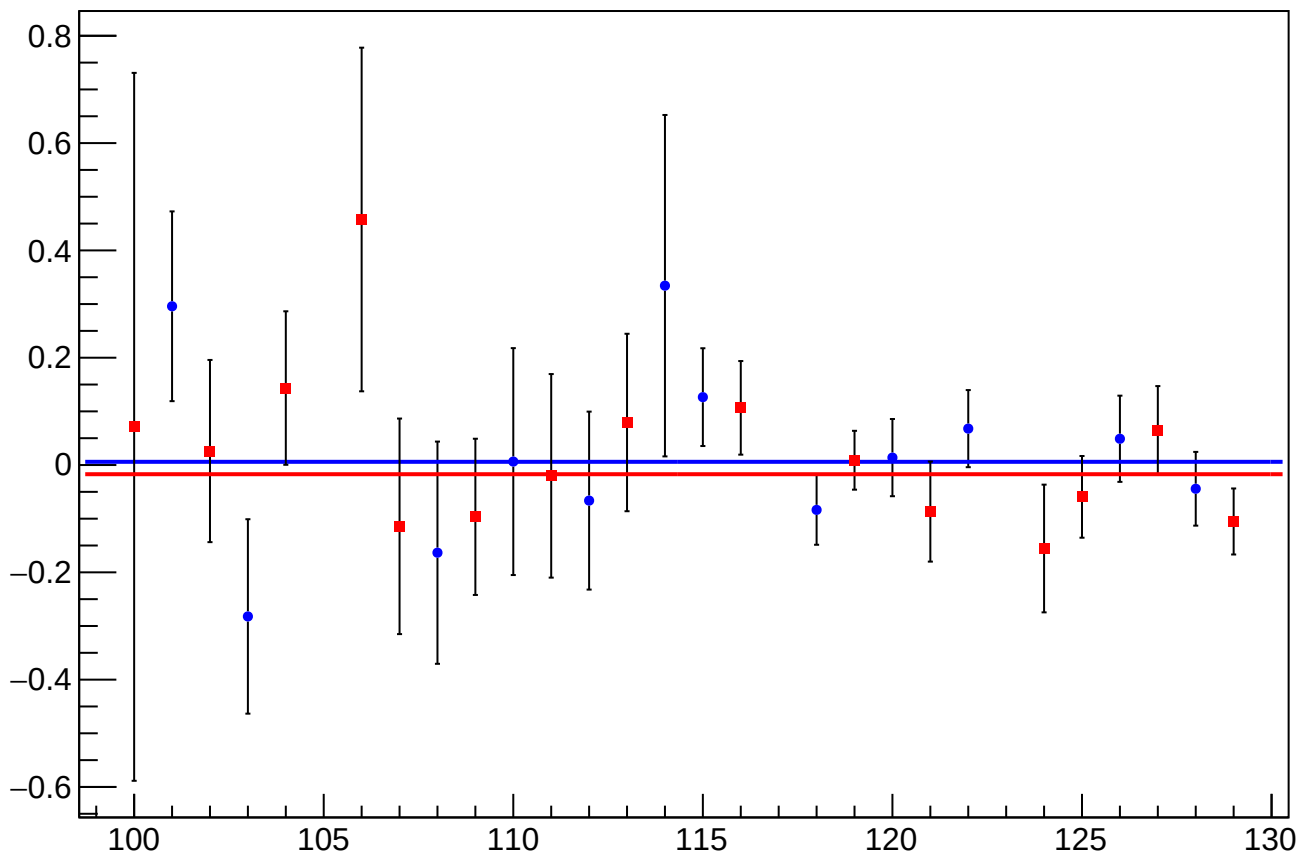
Right: 55.065+/-0.014 χ^2/NDF : 4194760.9/26

In: 54.331+/-0.020 χ^2/NDF :2035414.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 55.065+/-0.014 χ^2/NDF : 4194760.9/26

asym_sam_26_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006+/-0.028 χ^2/NDF : 12.4/11

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

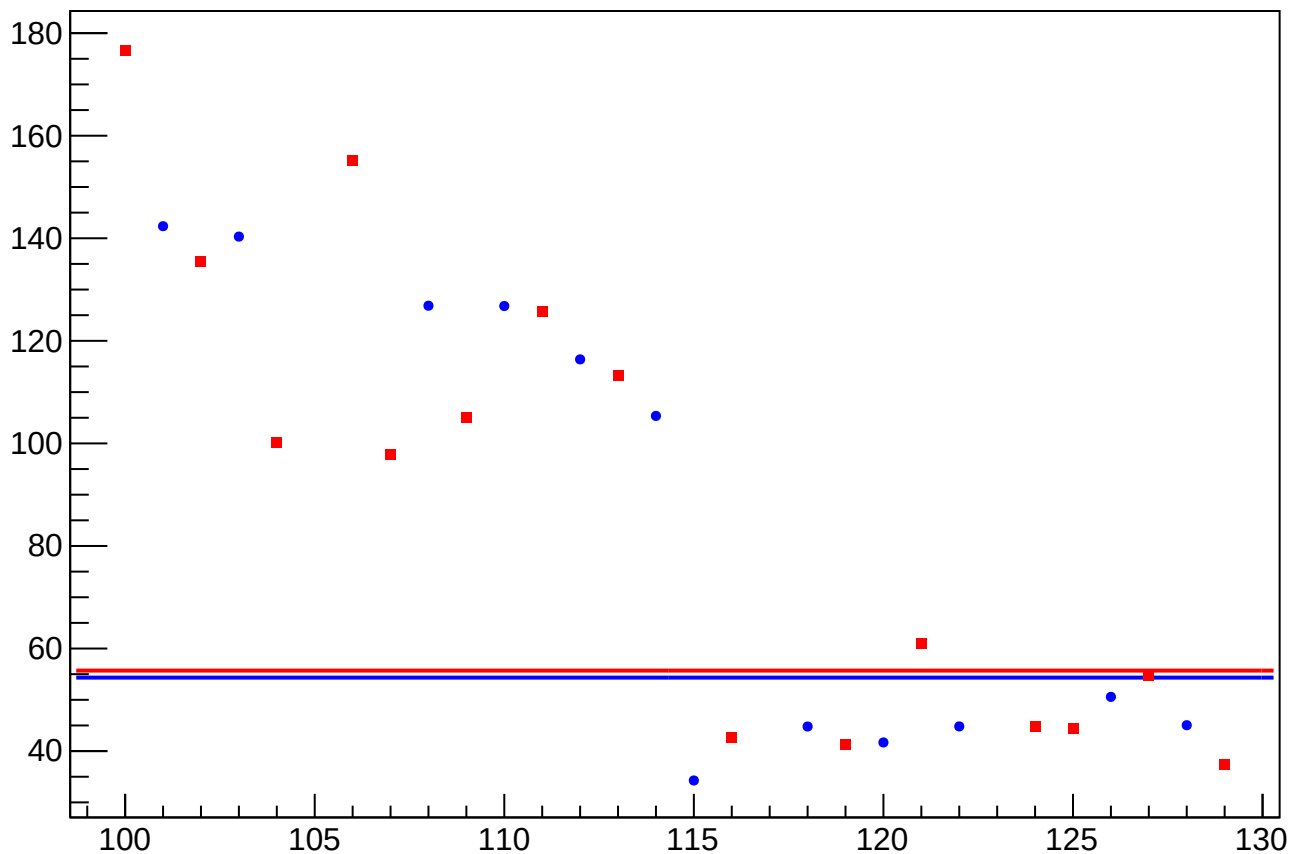
Right: -0.006+/-0.019 χ^2/NDF : 24.6/26

In: 0.006+/-0.028 χ^2/NDF : 12.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.019 χ^2/NDF : 24.6/26

asym_sam_26_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.331+/-0.020 χ^2/NDF : 2035414.2/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

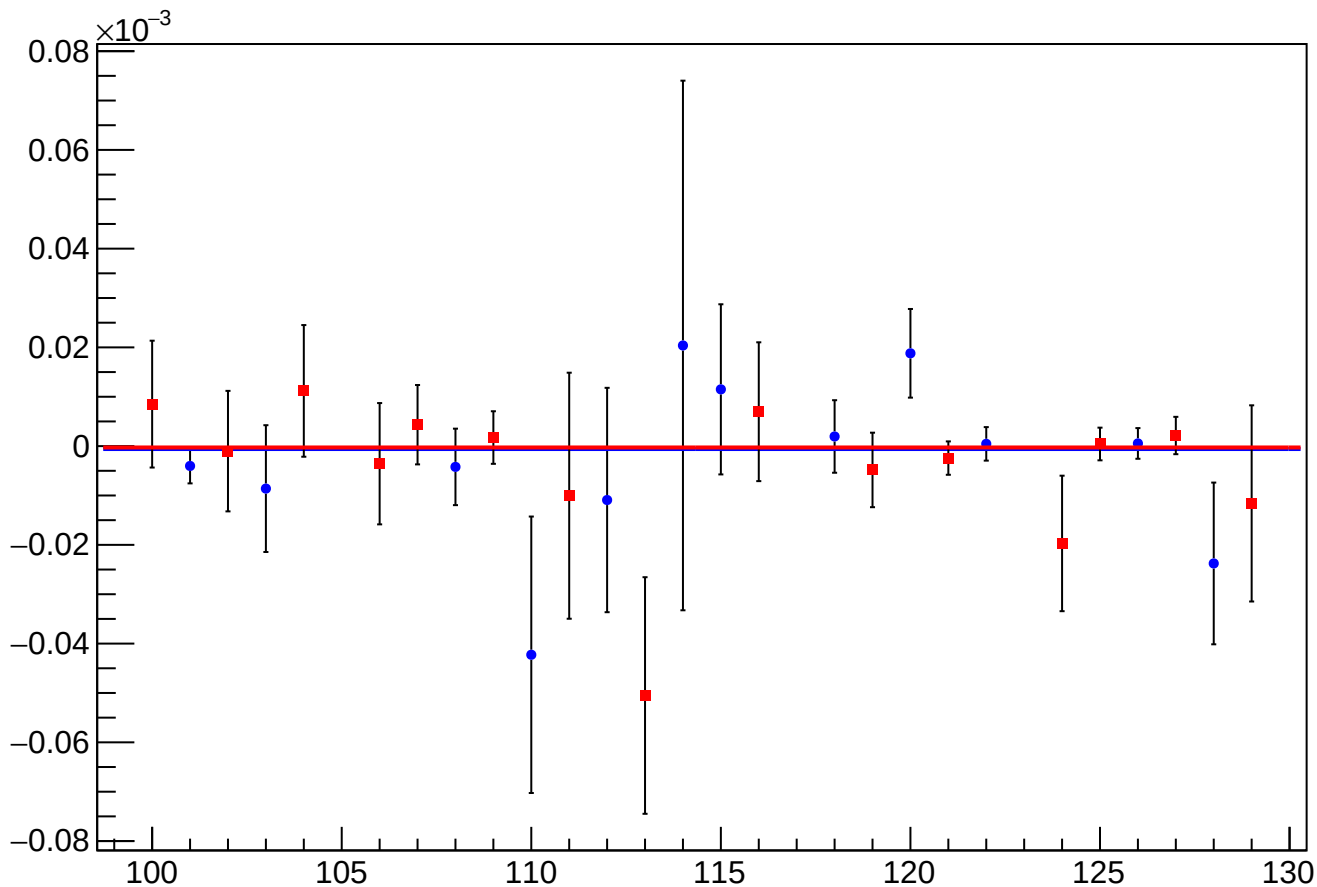
Right: 55.065+/-0.014 χ^2/NDF : 4194760.9/26

In: 54.331+/-0.020 χ^2/NDF :2035414.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 55.065+/-0.014 χ^2/NDF : 4194760.9/26

asym_sam_26_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 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

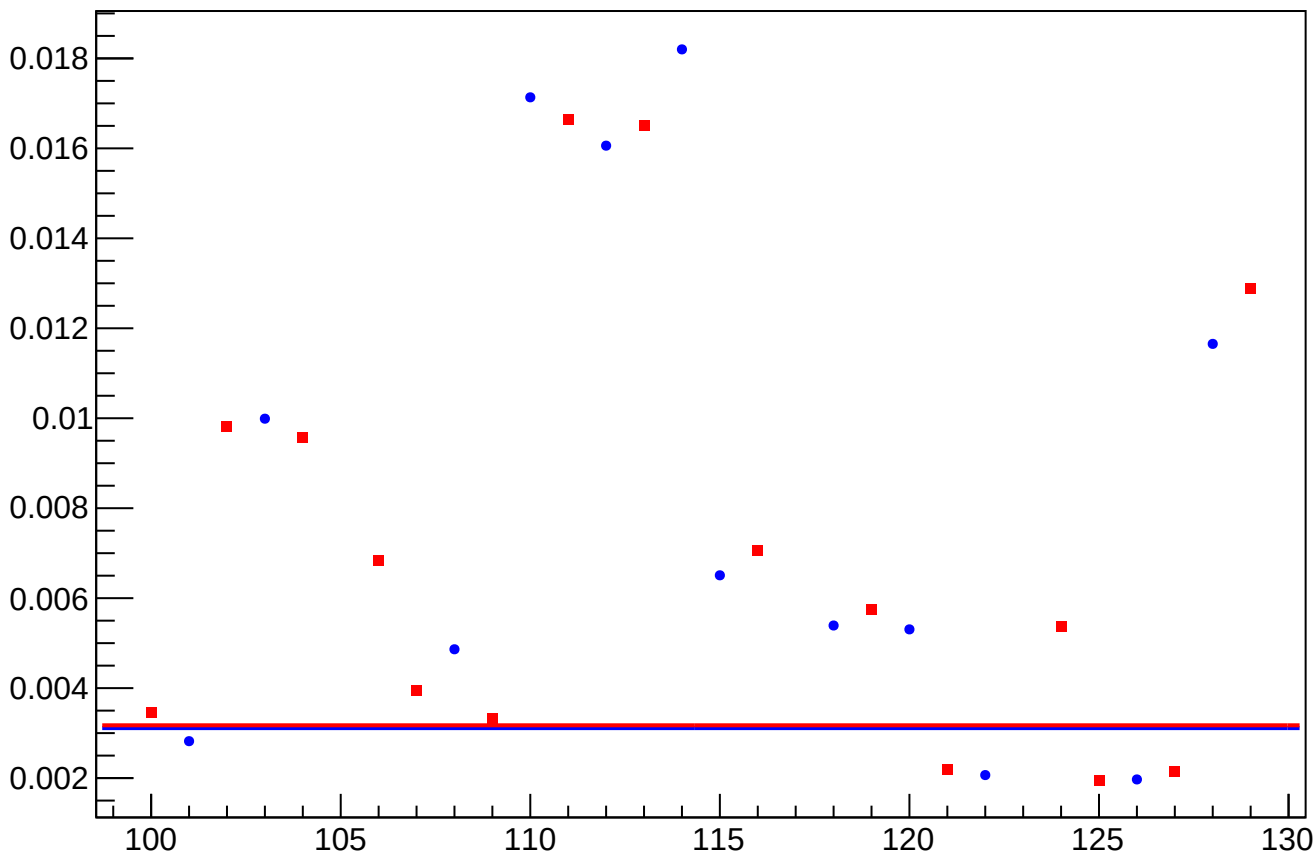
Right: -0.000+/-0.000 χ^2/NDF : 21.8/26

In: -0.000+/-0.000 χ^2/NDF : 11.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.8/26

asym_sam_26_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 3391797.3/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 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

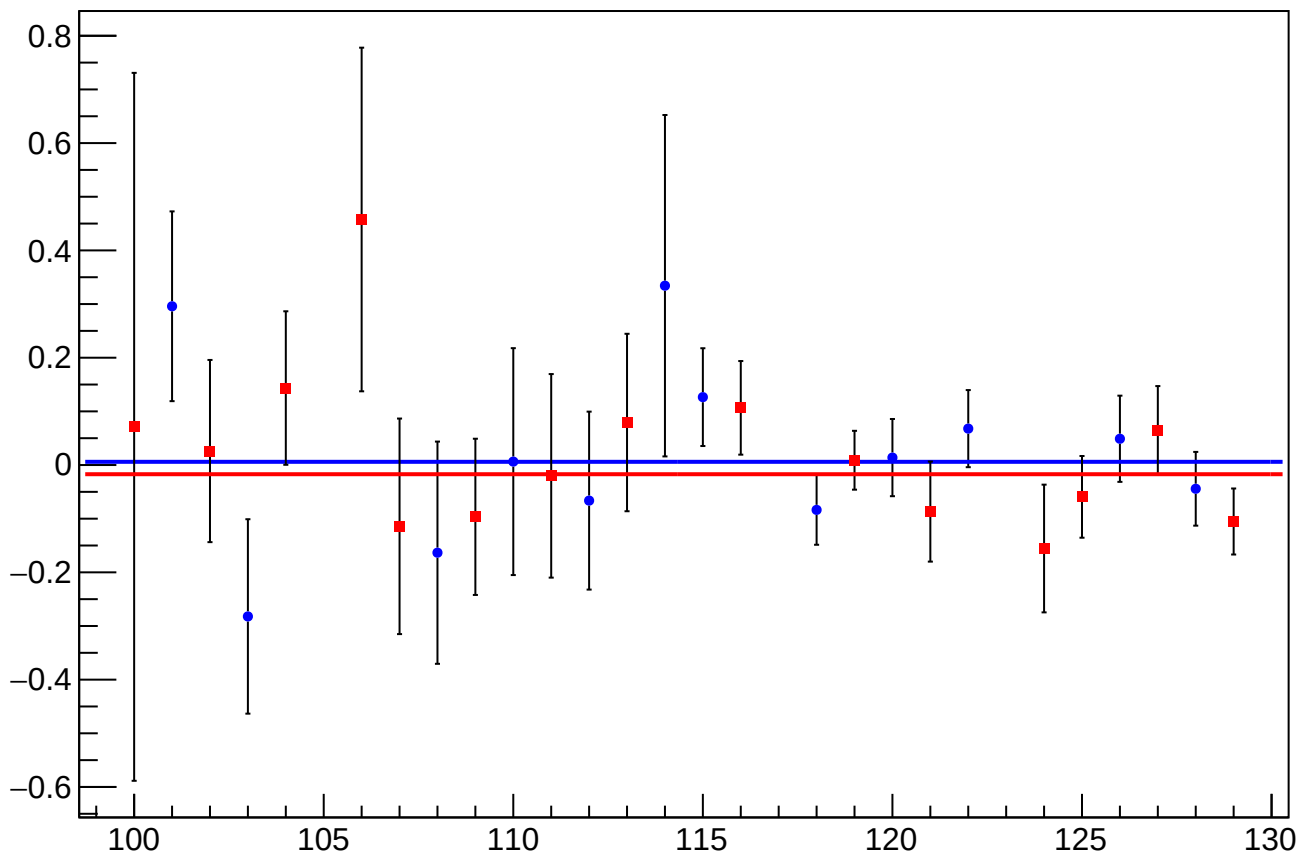
Right: 0.003+/-0.000 χ^2/NDF : 7355929.7/26

In: 0.003+/-0.000 χ^2/NDF :3391797.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 7355929.7/26

asym_sam_26_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006 $\pm$ 0.028 χ^2 /NDF: 12.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.017 $\pm$ 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

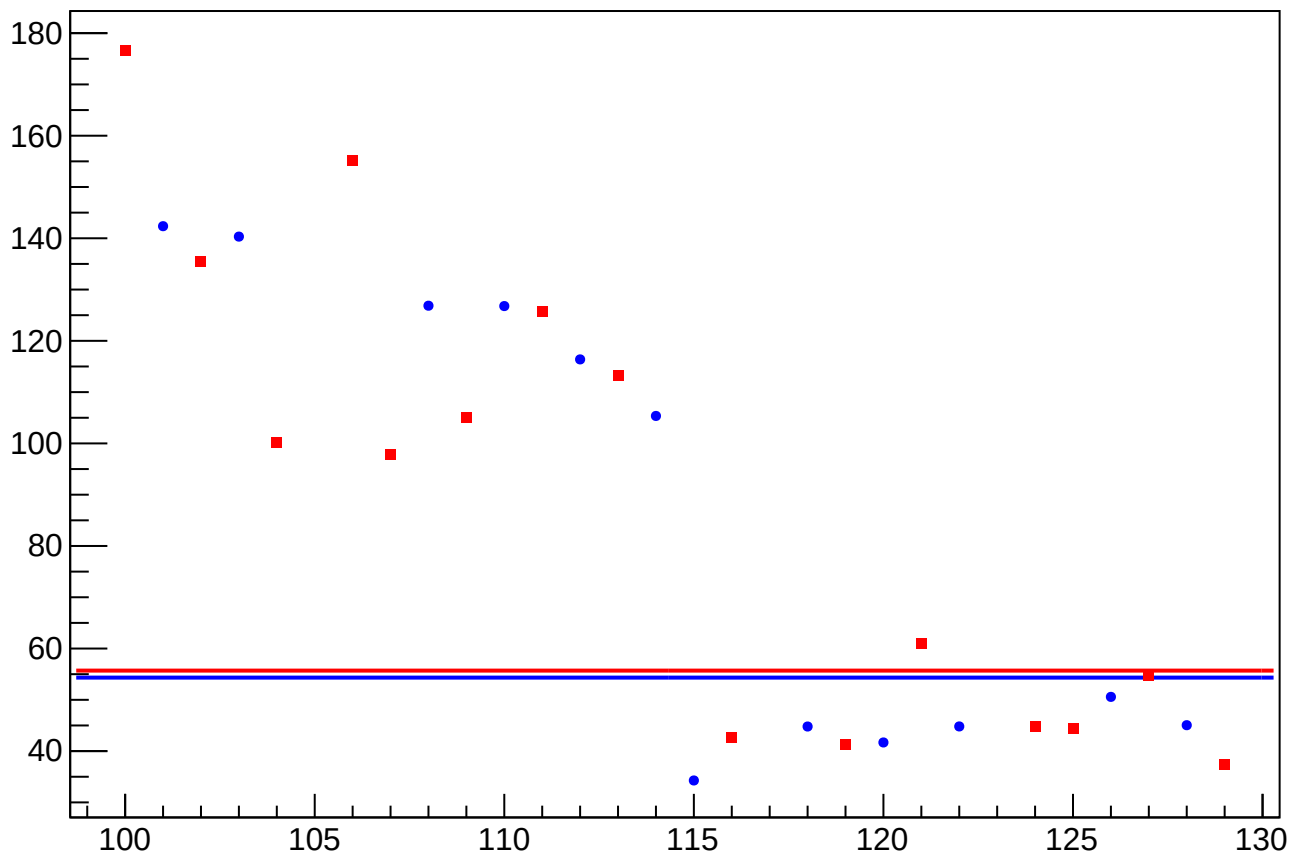
Right: -0.006 $\pm$ 0.019 χ^2 /NDF: 24.6/26

In: 0.006 $\pm$ 0.028 χ^2 /NDF:12.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.006 $\pm$ 0.019 χ^2 /NDF: 24.6/26

asym_sam_26_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.332+/-0.020 χ^2/NDF : 2035302.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

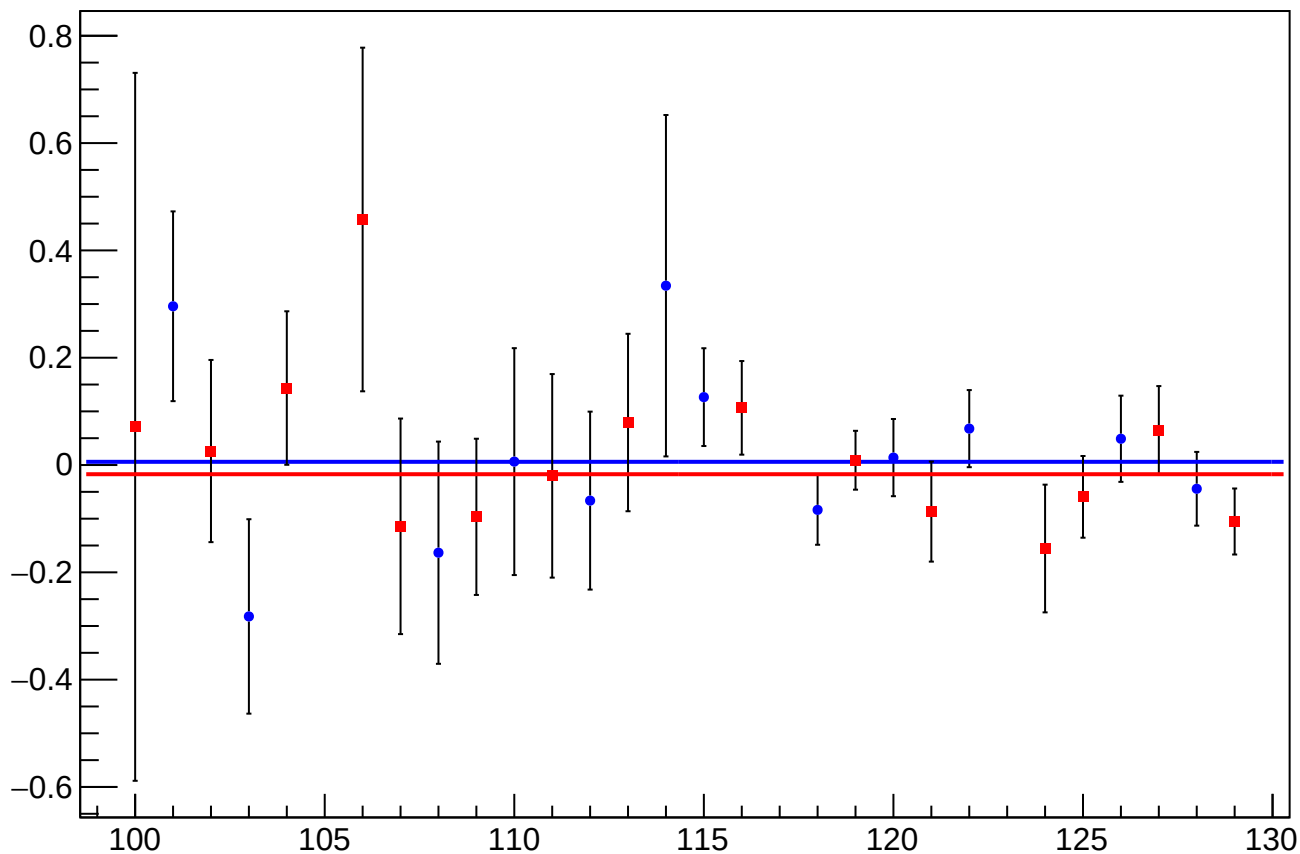
Right: 55.065+/-0.014 χ^2/NDF : 4194552.5/26

In: 54.332+/-0.020 χ^2/NDF :2035302.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 55.065+/-0.014 χ^2/NDF : 4194552.5/26

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006+/-0.028 χ^2/NDF : 12.4/11

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

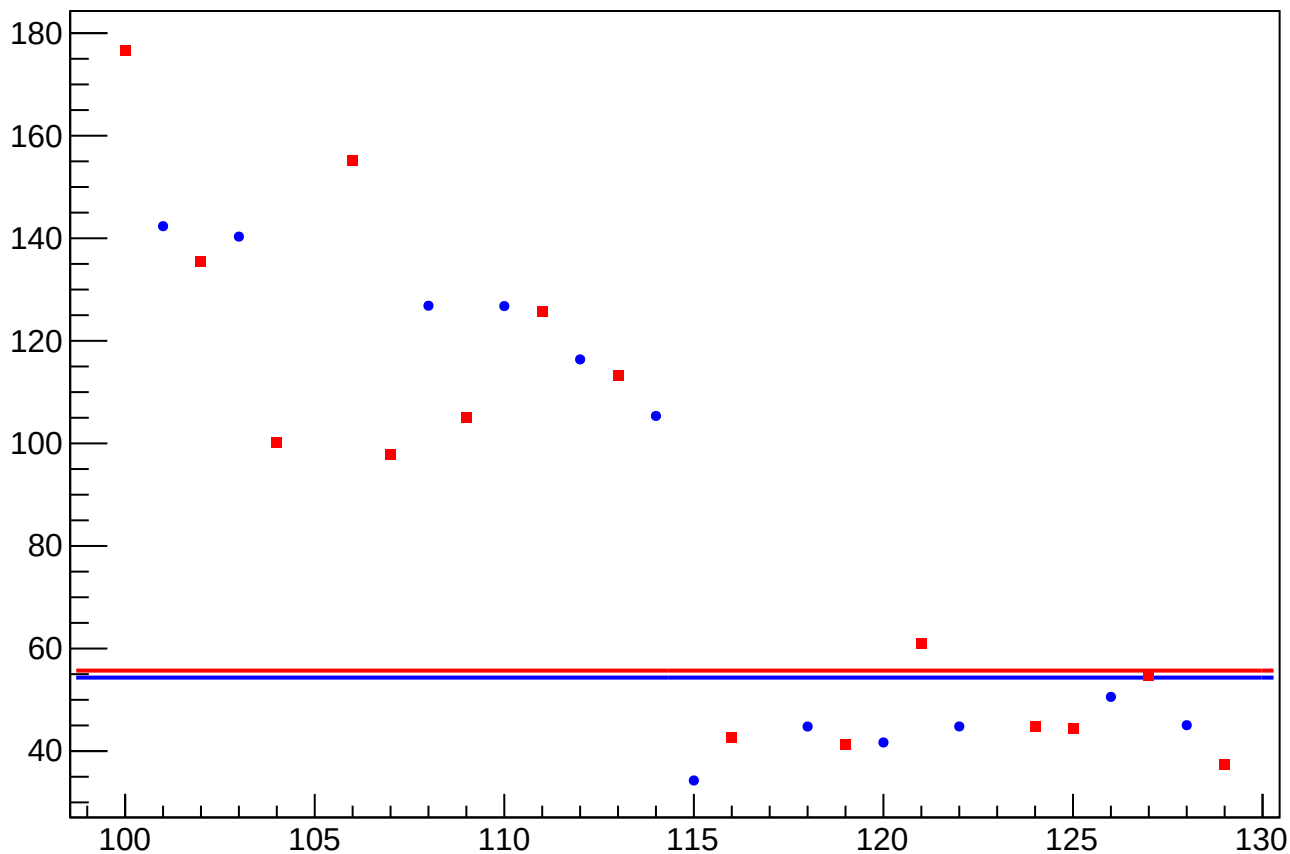
Right: -0.006+/-0.019 χ^2/NDF : 24.6/26

In: 0.006+/-0.028 χ^2/NDF : 12.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.019 χ^2/NDF : 24.6/26

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.332+/-0.020 χ^2/NDF : 2035302.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

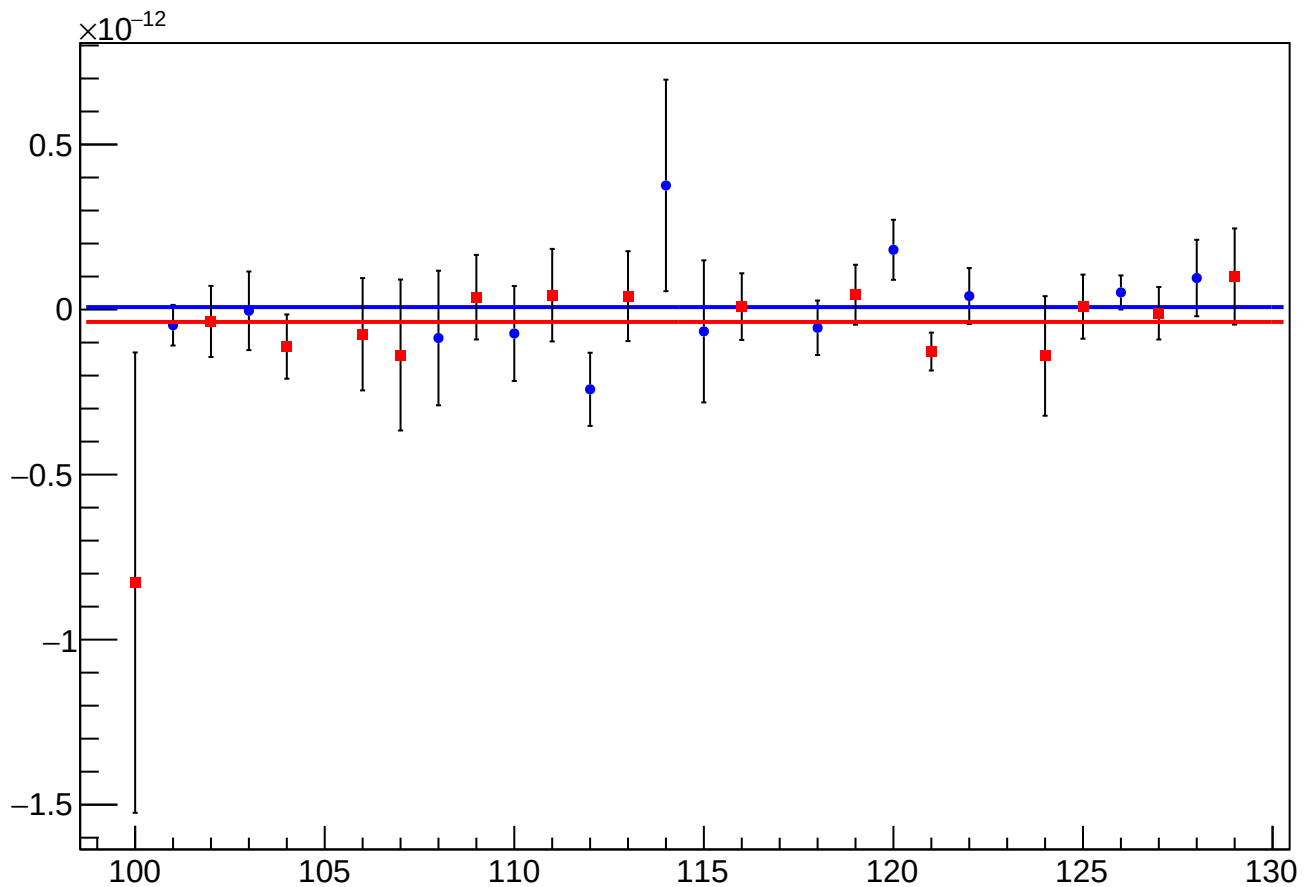
Right: 55.065+/-0.014 χ^2/NDF : 4194552.5/26

In: 54.332+/-0.020 χ^2/NDF :2035302.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 55.065+/-0.014 χ^2/NDF : 4194552.5/26

asym_sam_26_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 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

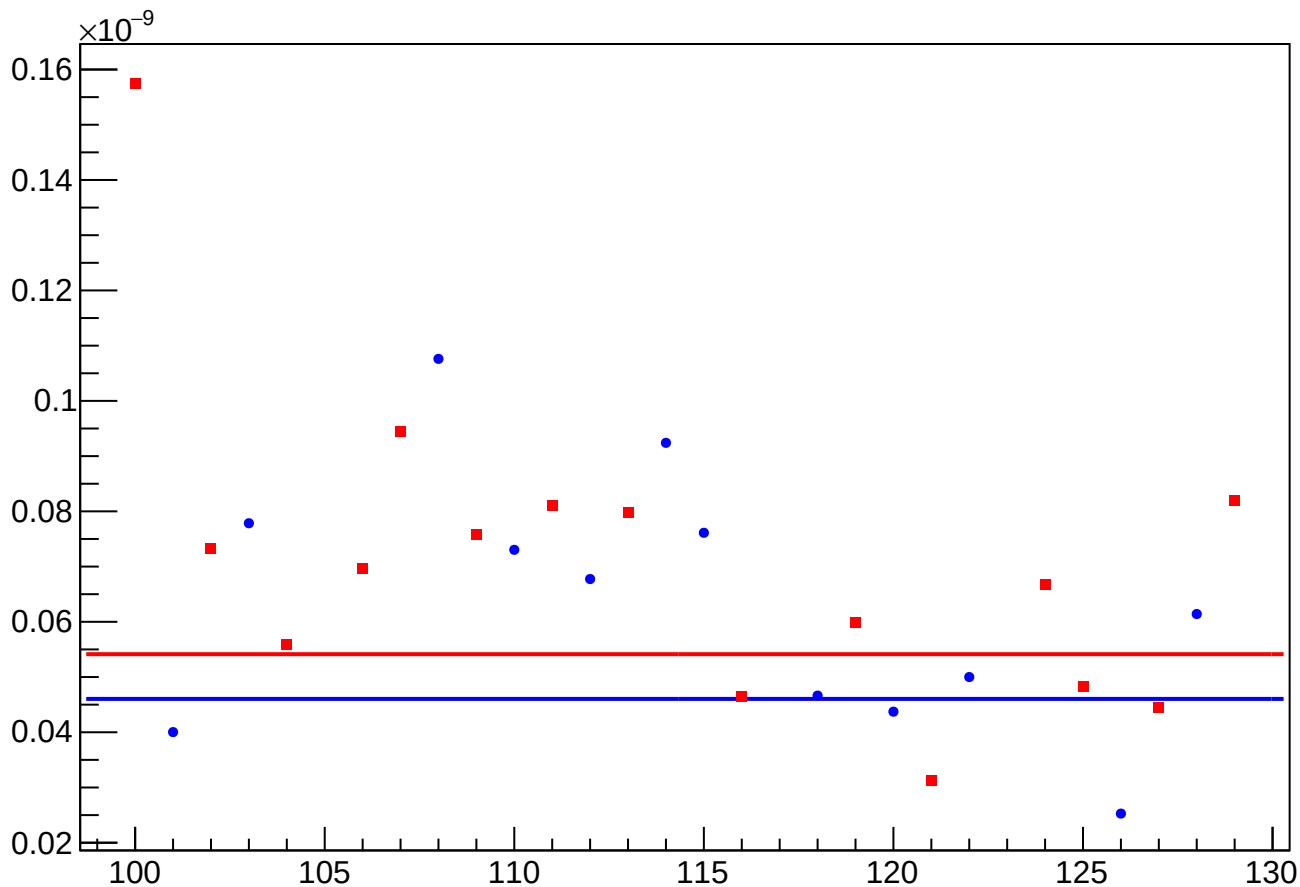
Right: -0.000+/-0.000 χ^2/NDF : 23.0/26

In: 0.000+/-0.000 χ^2/NDF : 13.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.0/26

asym_sam_26_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 938052.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

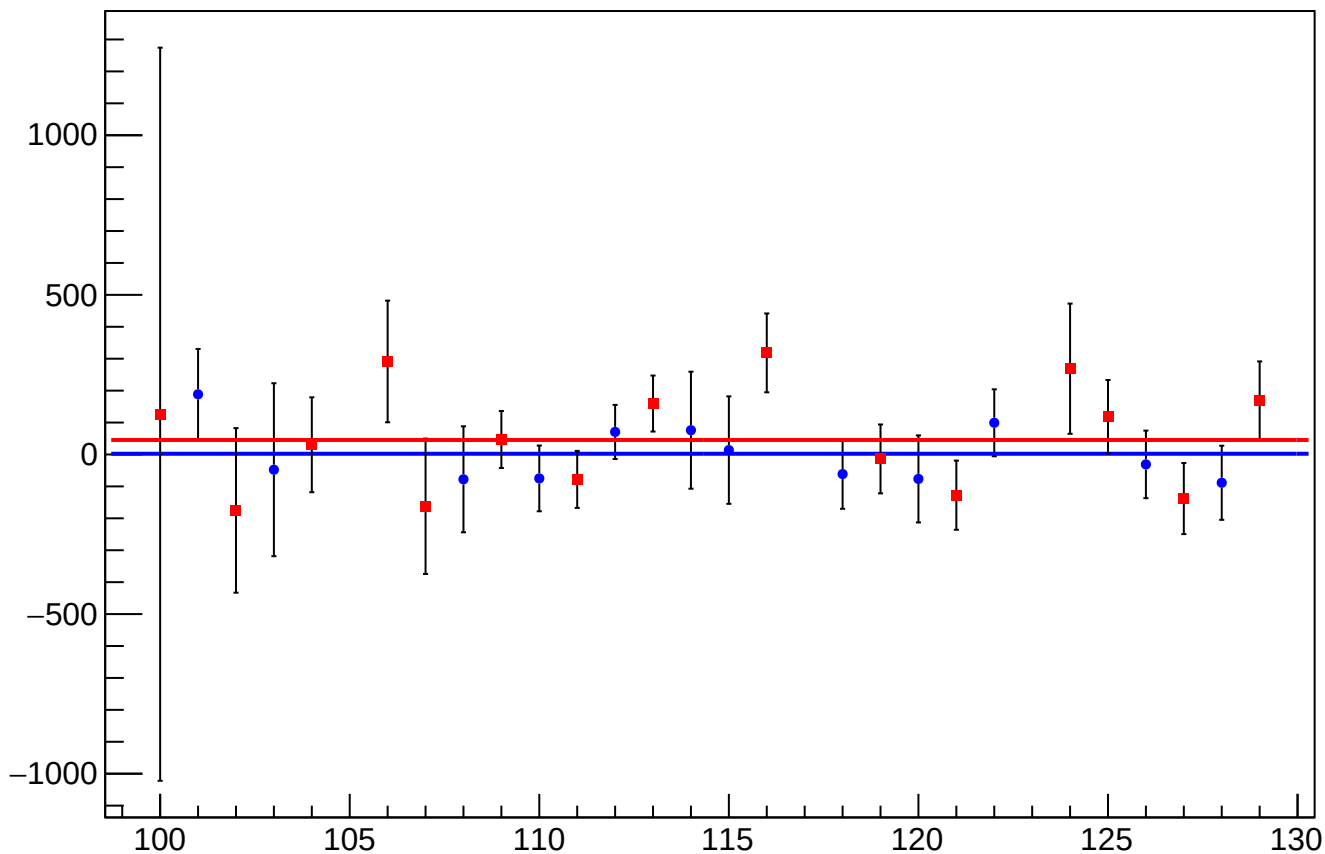
Right: 0.000+/-0.000 χ^2/NDF : 1870316.7/26

In: 0.000+/-0.000 χ^2/NDF : 938052.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1870316.7/26

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 2.250+/-35.554 χ^2/NDF : 5.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

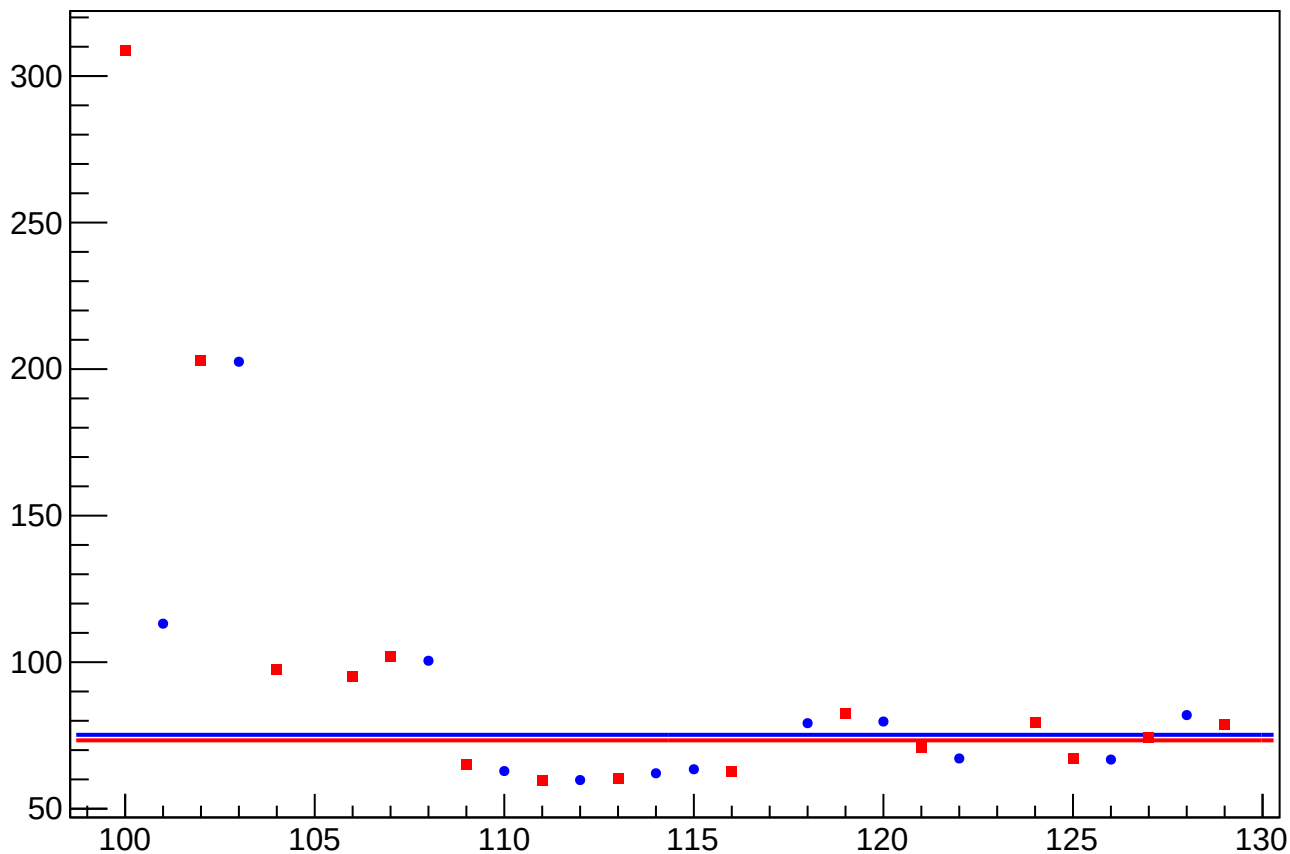
Right: 26.052+/-23.797 χ^2/NDF : 26.4/26

In: 2.250+/-35.554 χ^2/NDF : 5.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.052+/-23.797 χ^2/NDF : 26.4/26

reg_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 75.217+/-0.025 χ^2/NDF : 782162.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

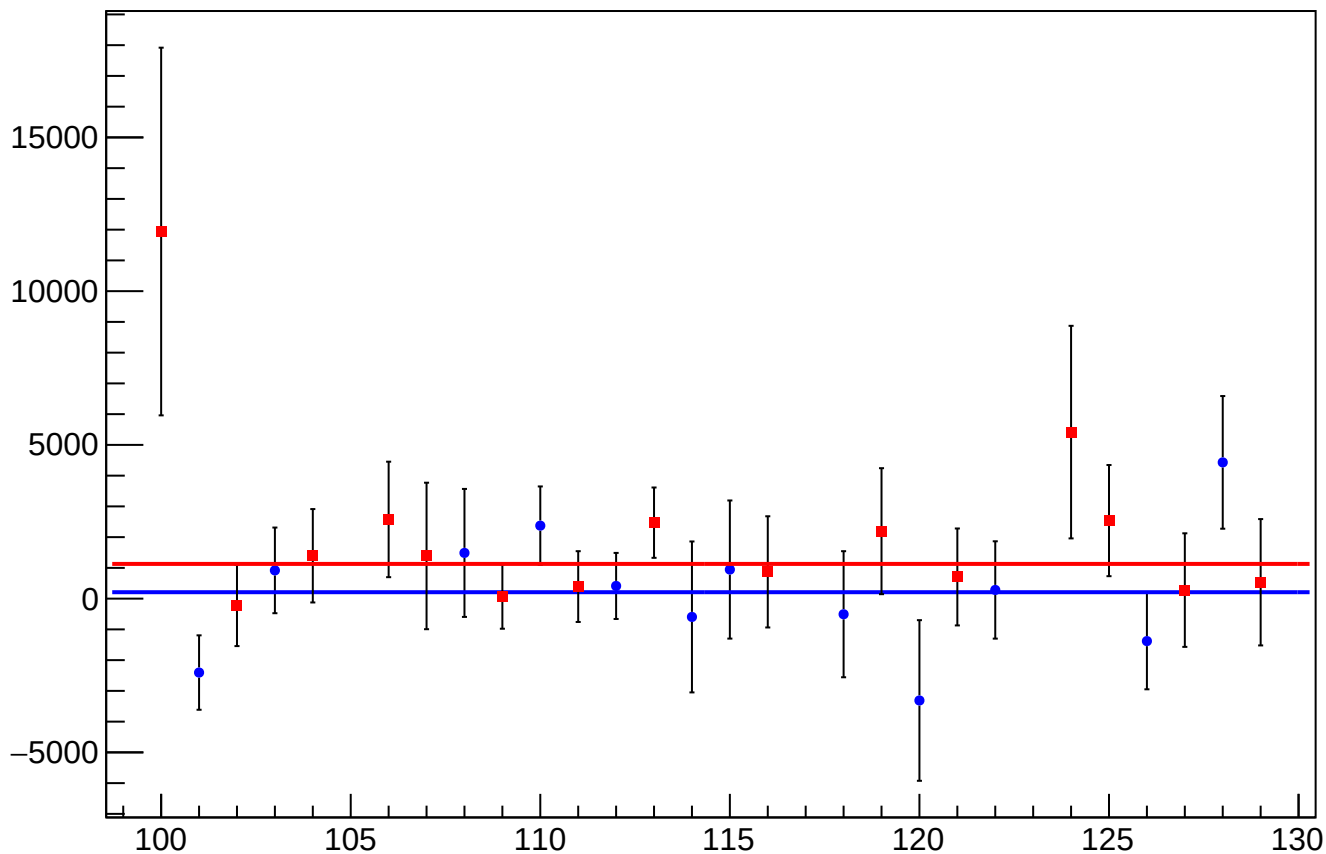
Right: 74.173+/-0.017 χ^2/NDF : 1638525.3/26

In: 75.217+/-0.025 χ^2/NDF : 782162.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.173+/-0.017 χ^2/NDF : 1638525.3/26

asym_sam_37_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 209.181+/-462.276 χ^2/NDF : 15.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

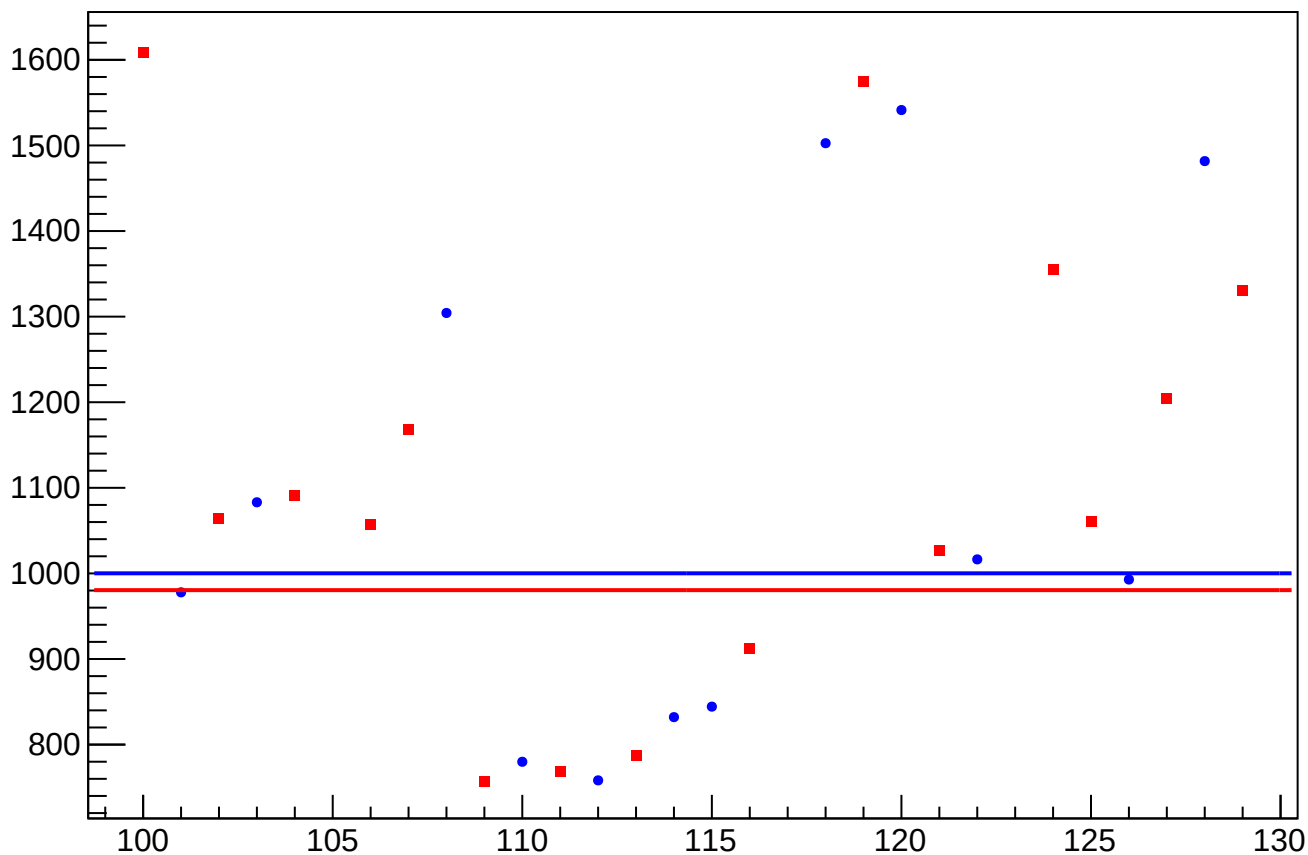
Right: 718.185+/-309.000 χ^2/NDF : 28.0/26

In: 209.181+/-462.276 χ^2/NDF : 15.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 718.185+/-309.000 χ^2/NDF : 28.0/26

asym_sam_37_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1000.116+/-0.327 χ^2/NDF : 536429.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

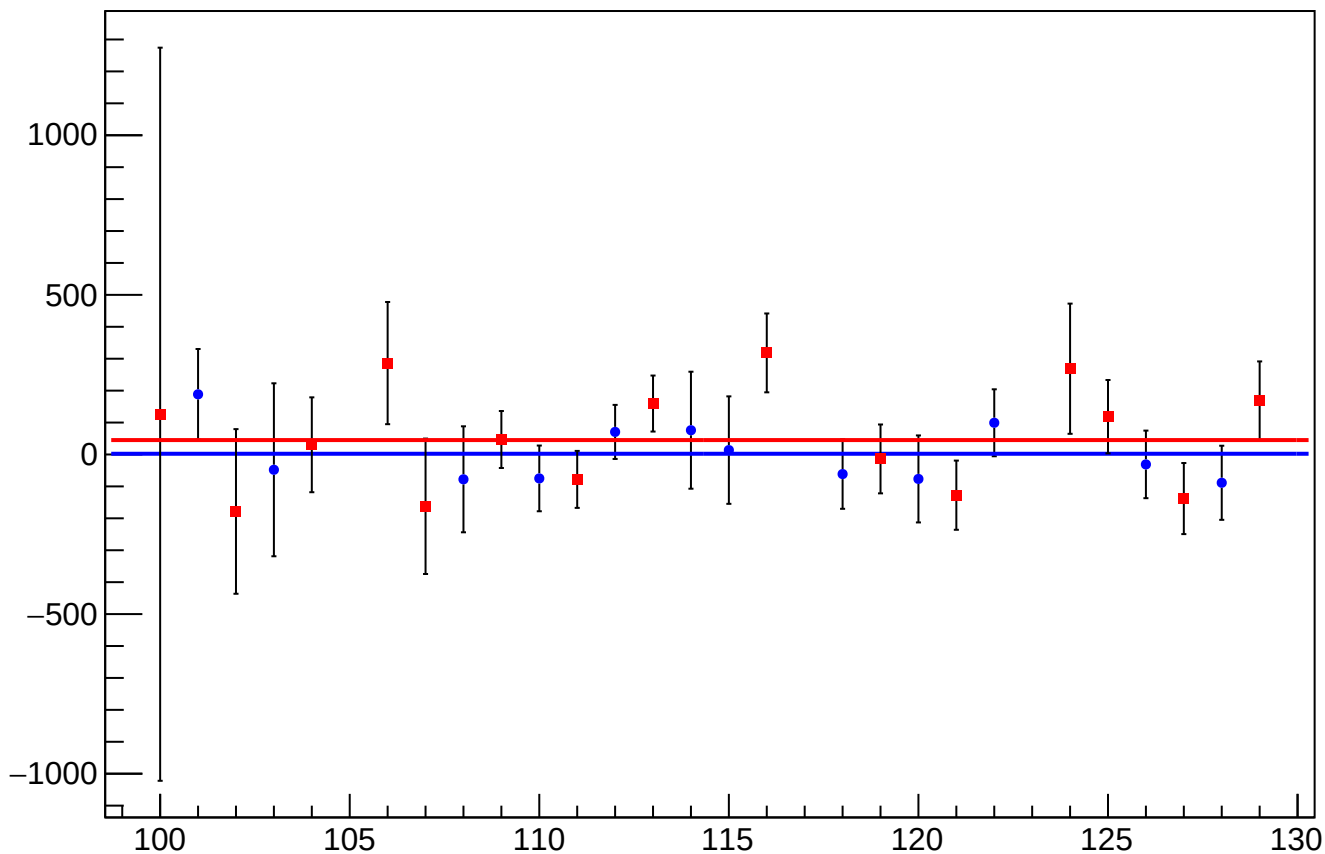
Right: 989.245+/-0.218 χ^2/NDF : 1098859.3/26

In: 1000.116+/-0.327 χ^2/NDF : 536429.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 989.245+/-0.218 χ^2/NDF : 1098859.3/26

cor_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 2.241+/-35.554 χ^2/NDF : 5.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

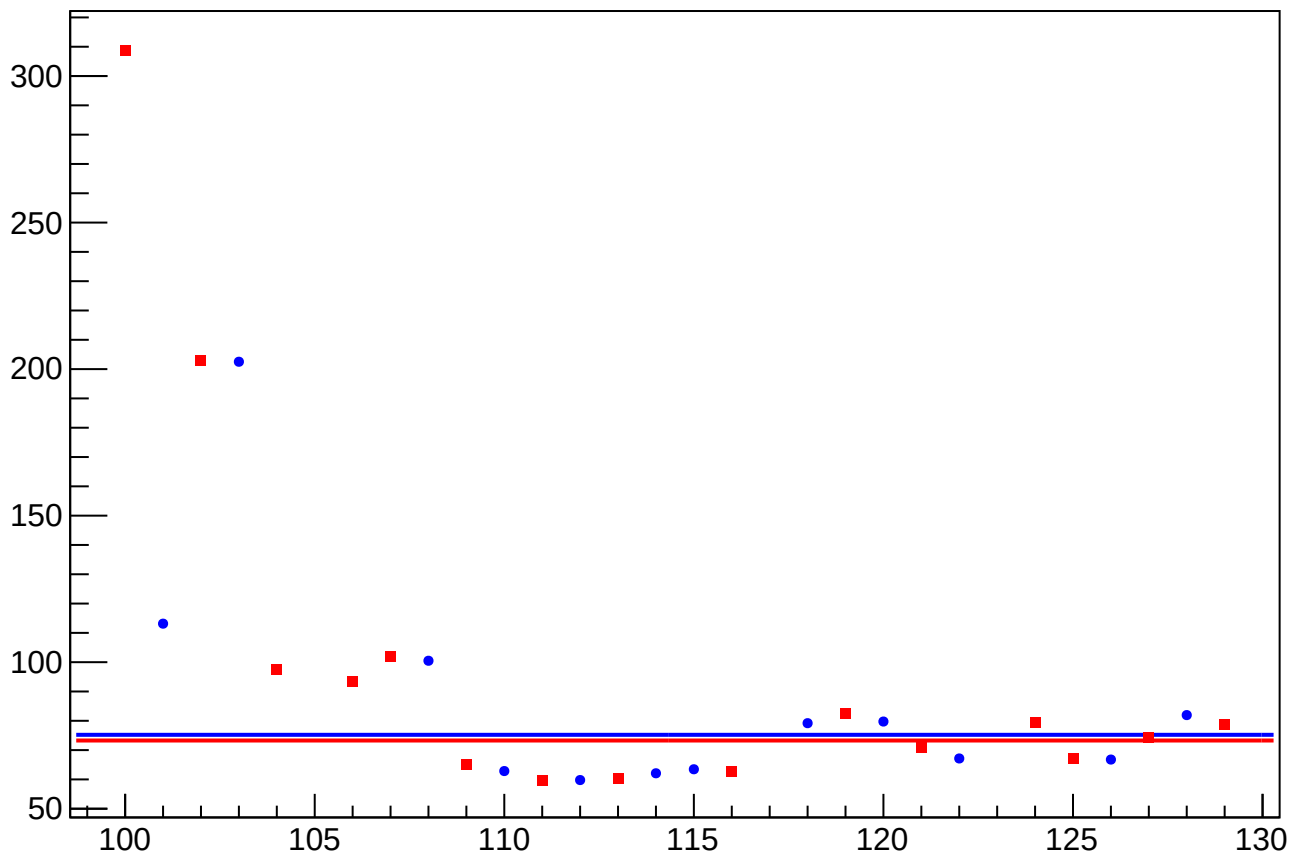
Right: 25.905+/-23.799 χ^2/NDF : 26.4/26

In: 2.241+/-35.554 χ^2/NDF : 5.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.905+/-23.799 χ^2/NDF : 26.4/26

cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 75.217+/-0.025 χ^2/NDF : 782164.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

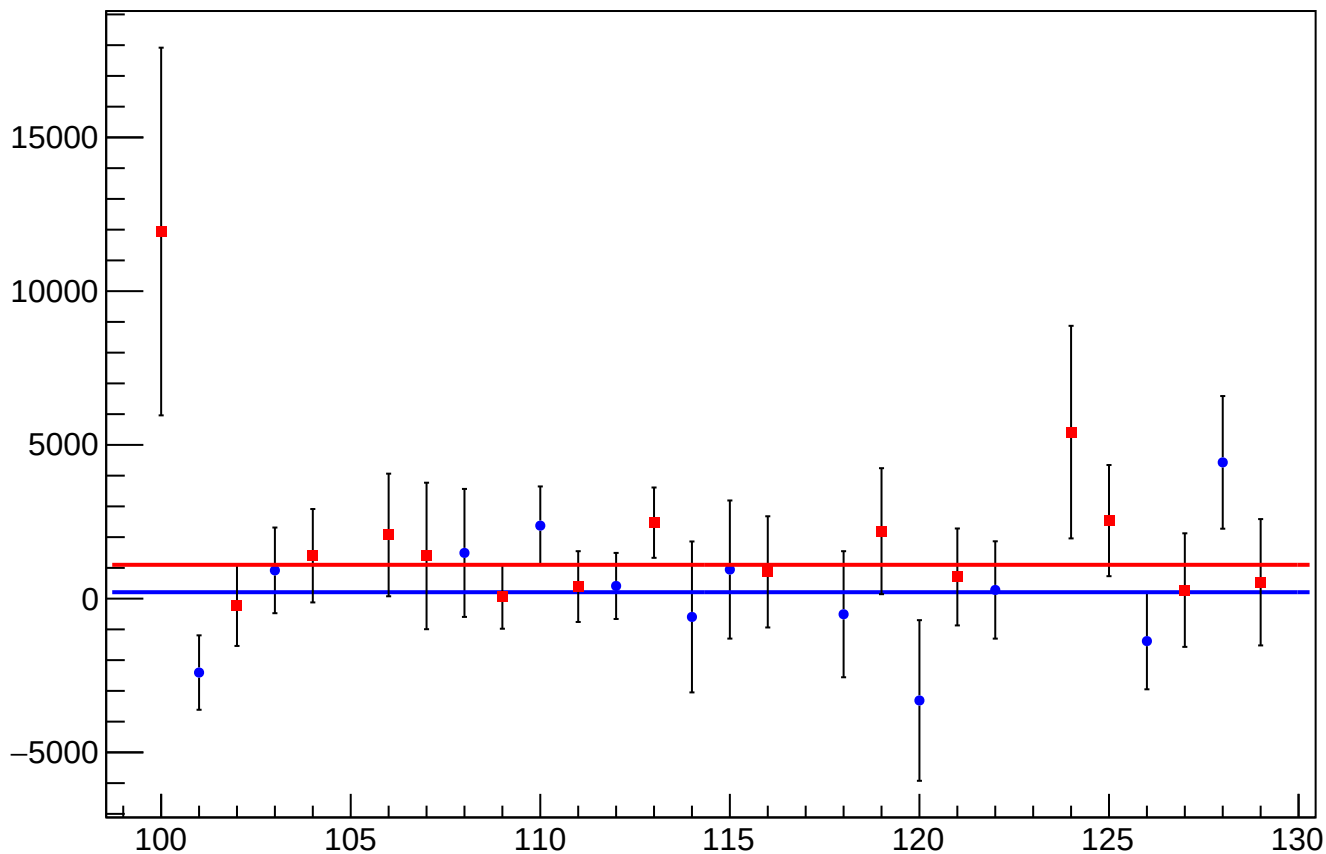
Right: 74.144+/-0.017 χ^2/NDF : 1634817.6/26

In: 75.217+/-0.025 χ^2/NDF : 782164.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.144+/-0.017 χ^2/NDF : 1634817.6/26

asym_sam_37_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 209.211+/-462.281 χ^2/NDF : 15.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

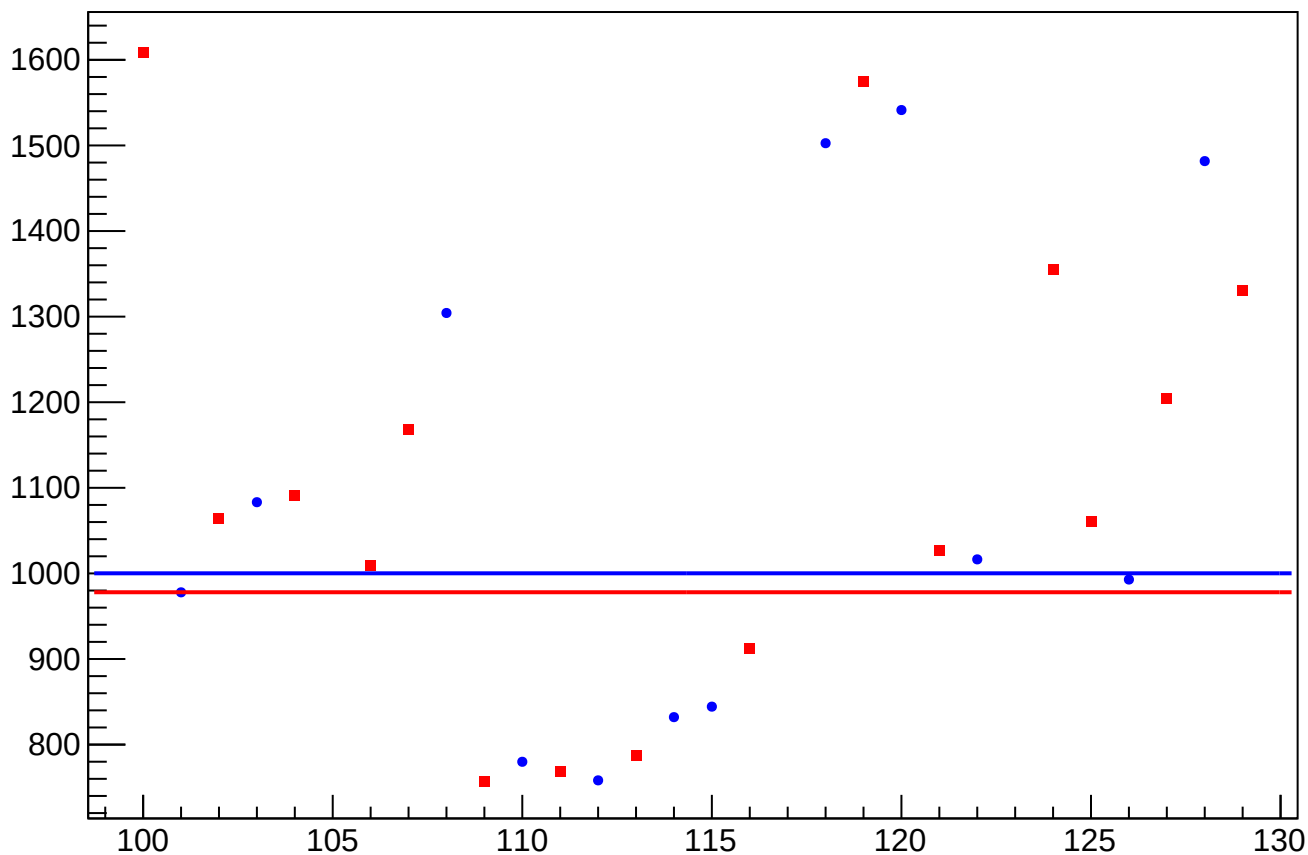
Right: 700.783+/-309.489 χ^2/NDF : 27.5/26

In: 209.211+/-462.281 χ^2/NDF : 15.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 700.783+/-309.489 χ^2/NDF : 27.5/26

asym_sam_37_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1000.126+/-0.327 χ^2/NDF : 536448.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

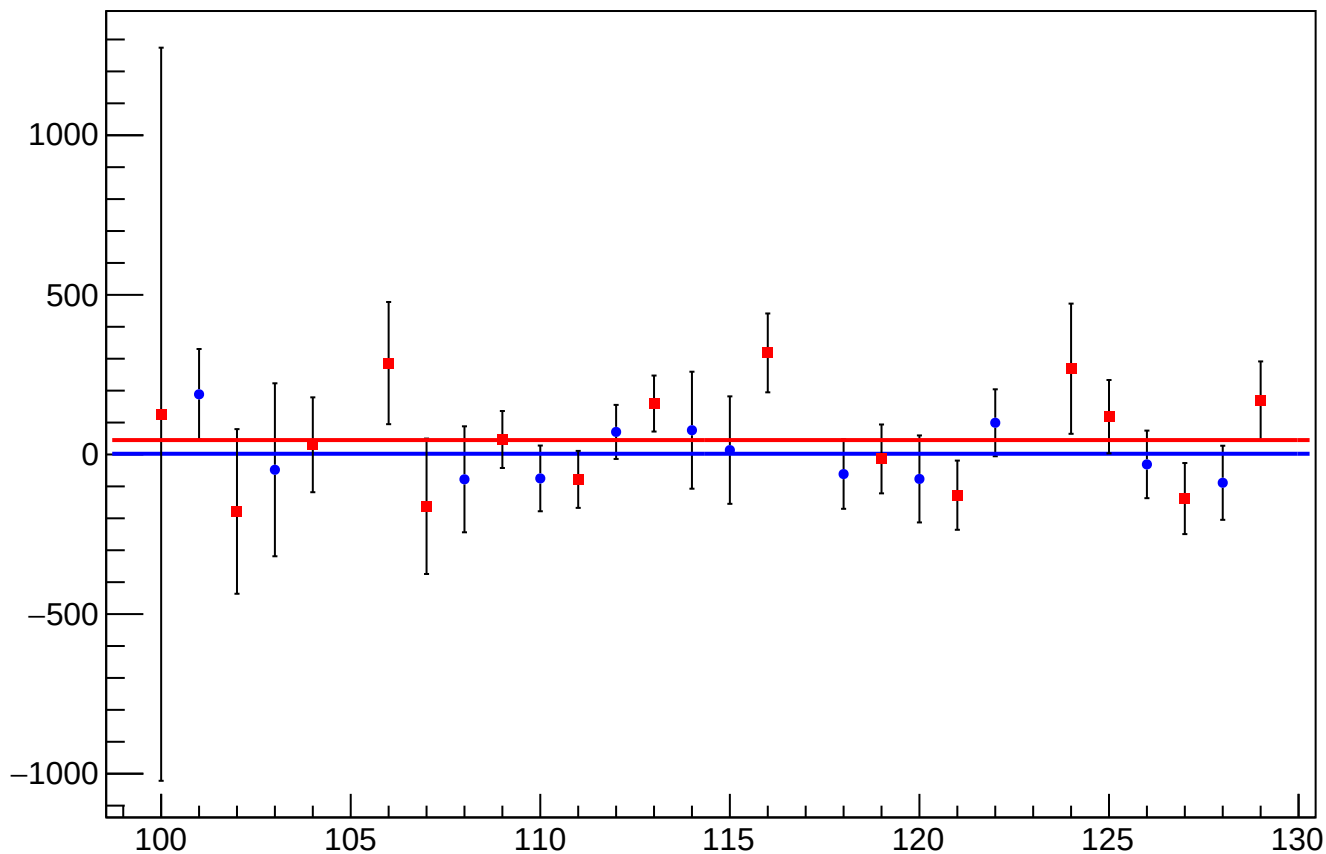
Right: 987.916+/-0.219 χ^2/NDF : 1096536.5/26

In: 1000.126+/-0.327 χ^2/NDF : 536448.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 987.916+/-0.219 χ^2/NDF : 1096536.5/26

eigen_cor_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 2.241+/-35.554 χ^2/NDF : 5.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

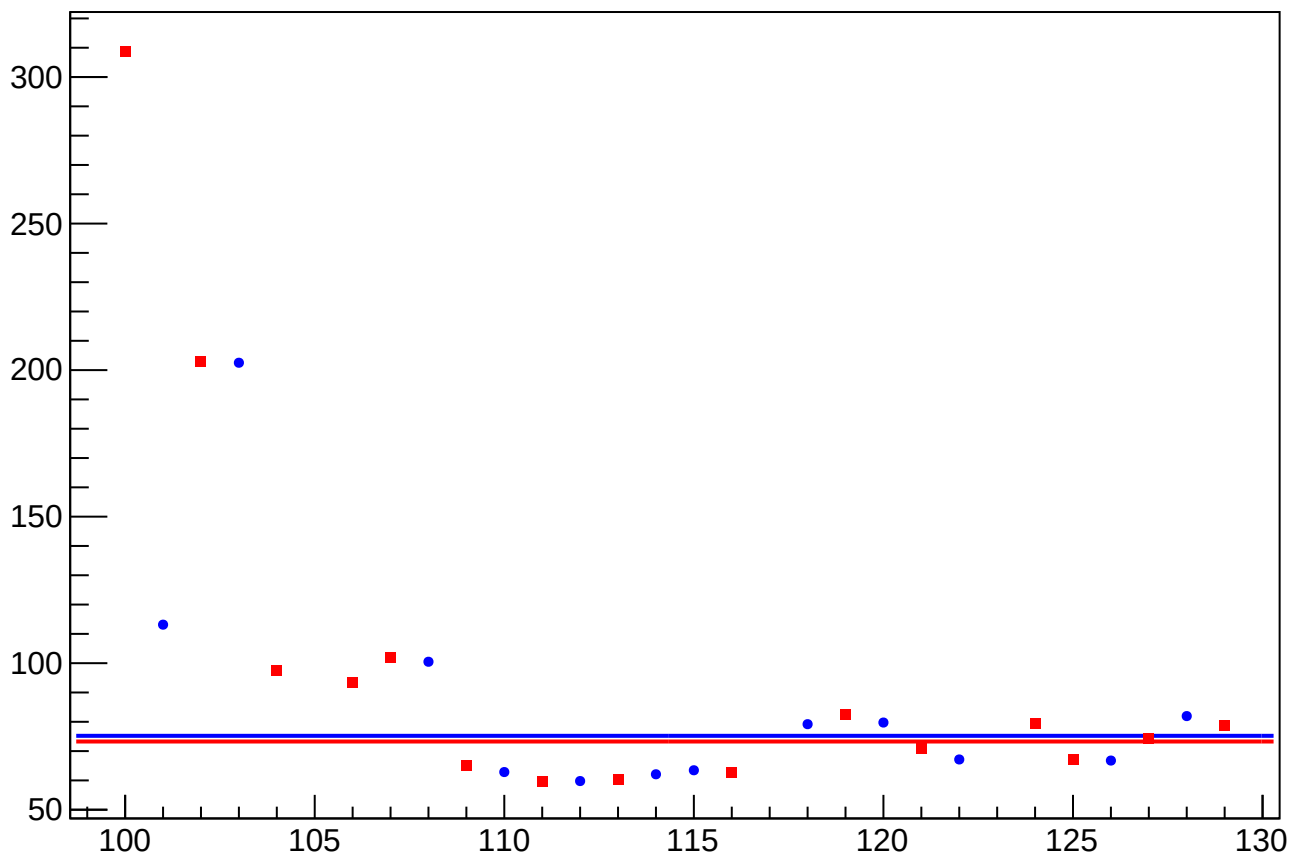
Right: 25.905+/-23.799 χ^2/NDF : 26.4/26

In: 2.241+/-35.554 χ^2/NDF : 5.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.905+/-23.799 χ^2/NDF : 26.4/26

eigen_cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 75.217+/-0.025 χ^2/NDF : 782164.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

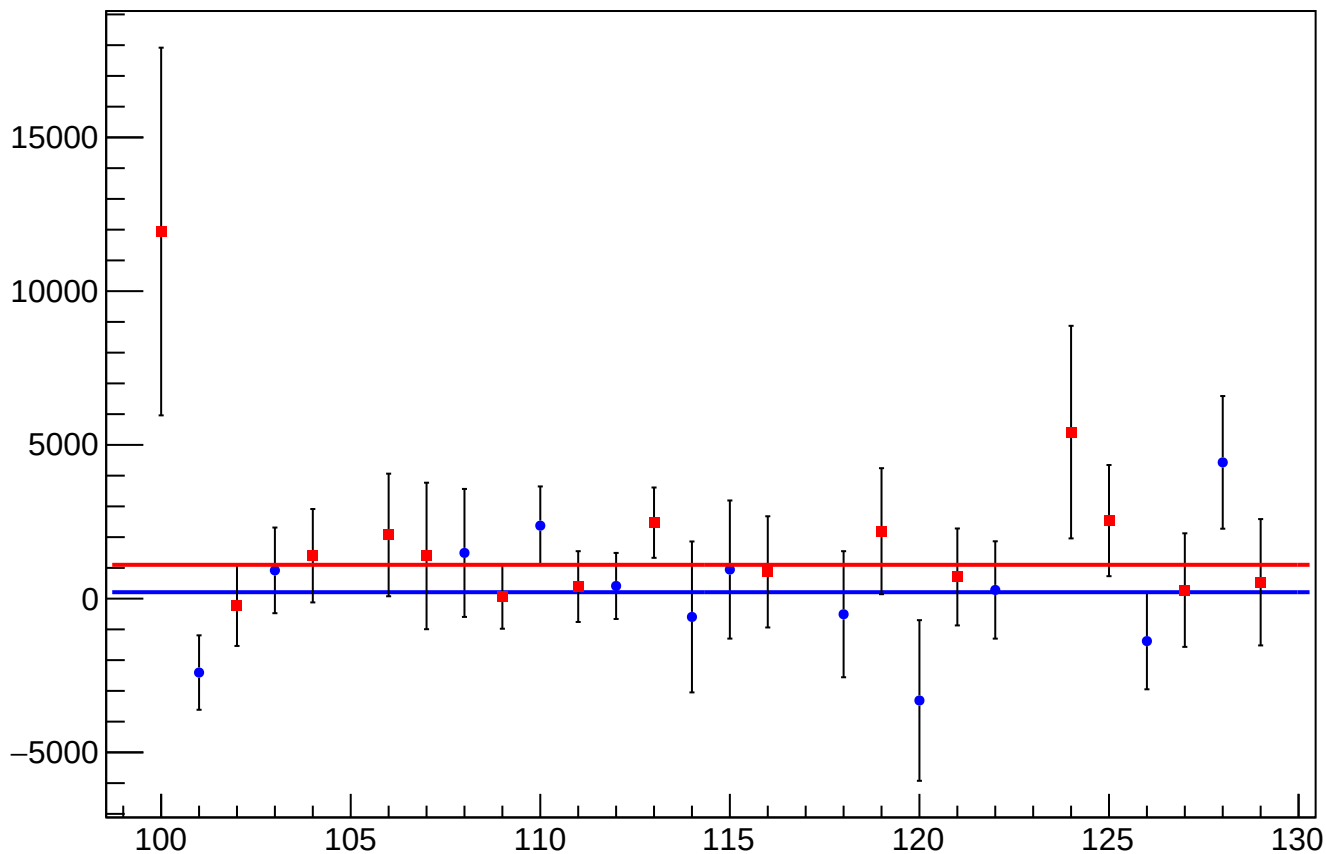
Right: 74.144+/-0.017 χ^2/NDF : 1634817.6/26

In: 75.217+/-0.025 χ^2/NDF : 782164.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.144+/-0.017 χ^2/NDF : 1634817.6/26

asym_sam_37_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 209.211+/-462.281 χ^2/NDF : 15.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

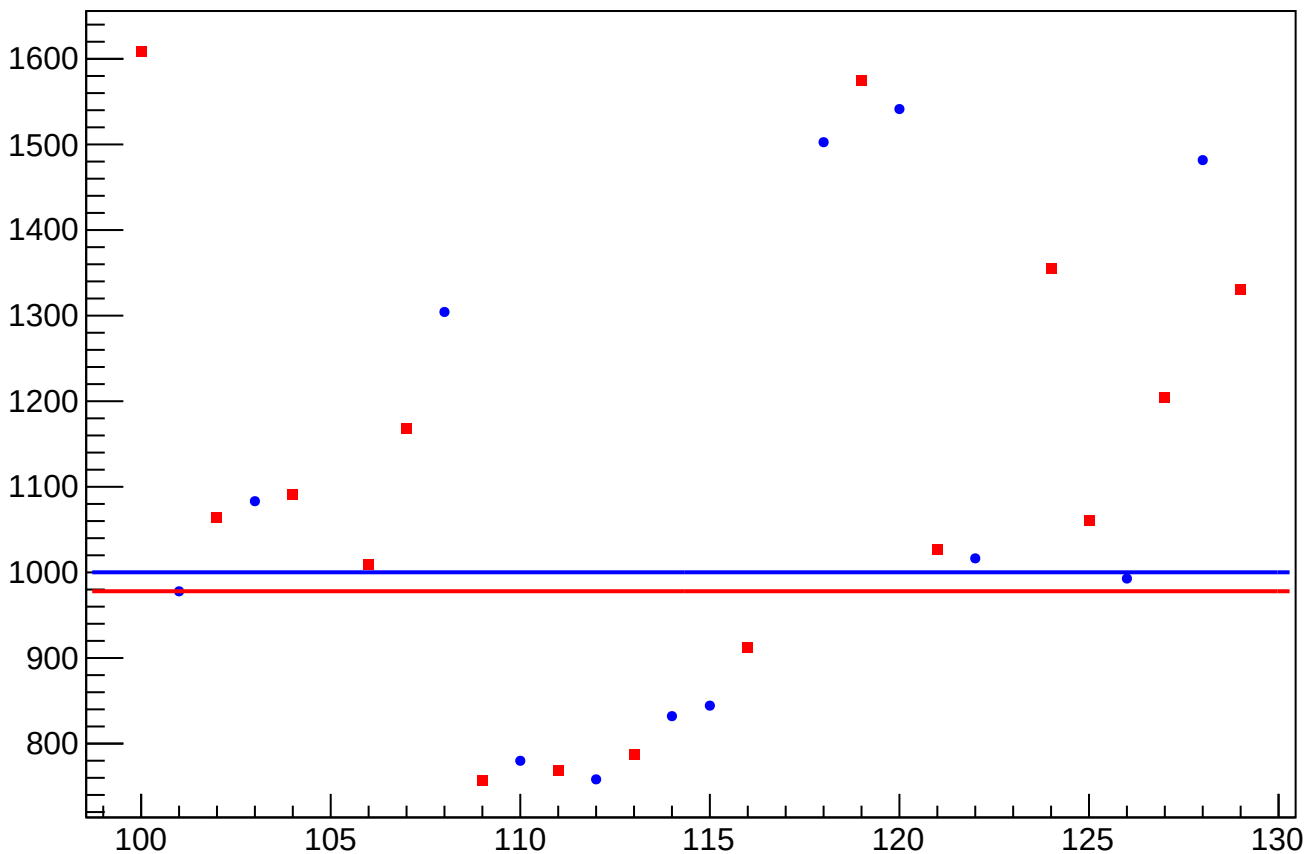
Right: 700.783+/-309.489 χ^2/NDF : 27.5/26

In: 209.211+/-462.281 χ^2/NDF : 15.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 700.783+/-309.489 χ^2/NDF : 27.5/26

asym_sam_37_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1000.126+/-0.327 χ^2/NDF : 536448.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

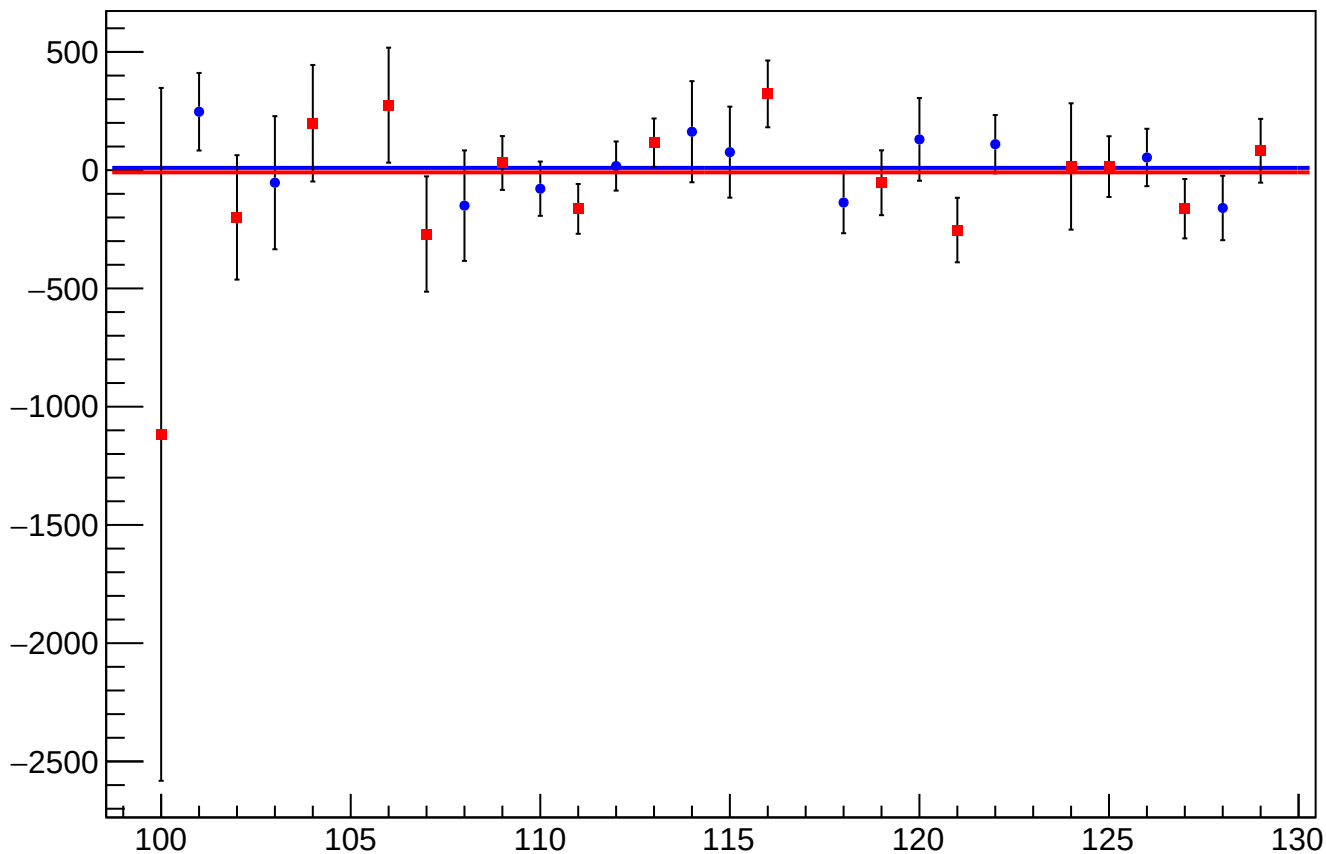
Right: 987.916+/-0.219 χ^2/NDF : 1096536.5/26

In: 1000.126+/-0.327 χ^2/NDF : 536448.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 987.916+/-0.219 χ^2/NDF : 1096536.5/26

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 9.750+/-42.065 χ^2 /NDF: 7.9/11

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

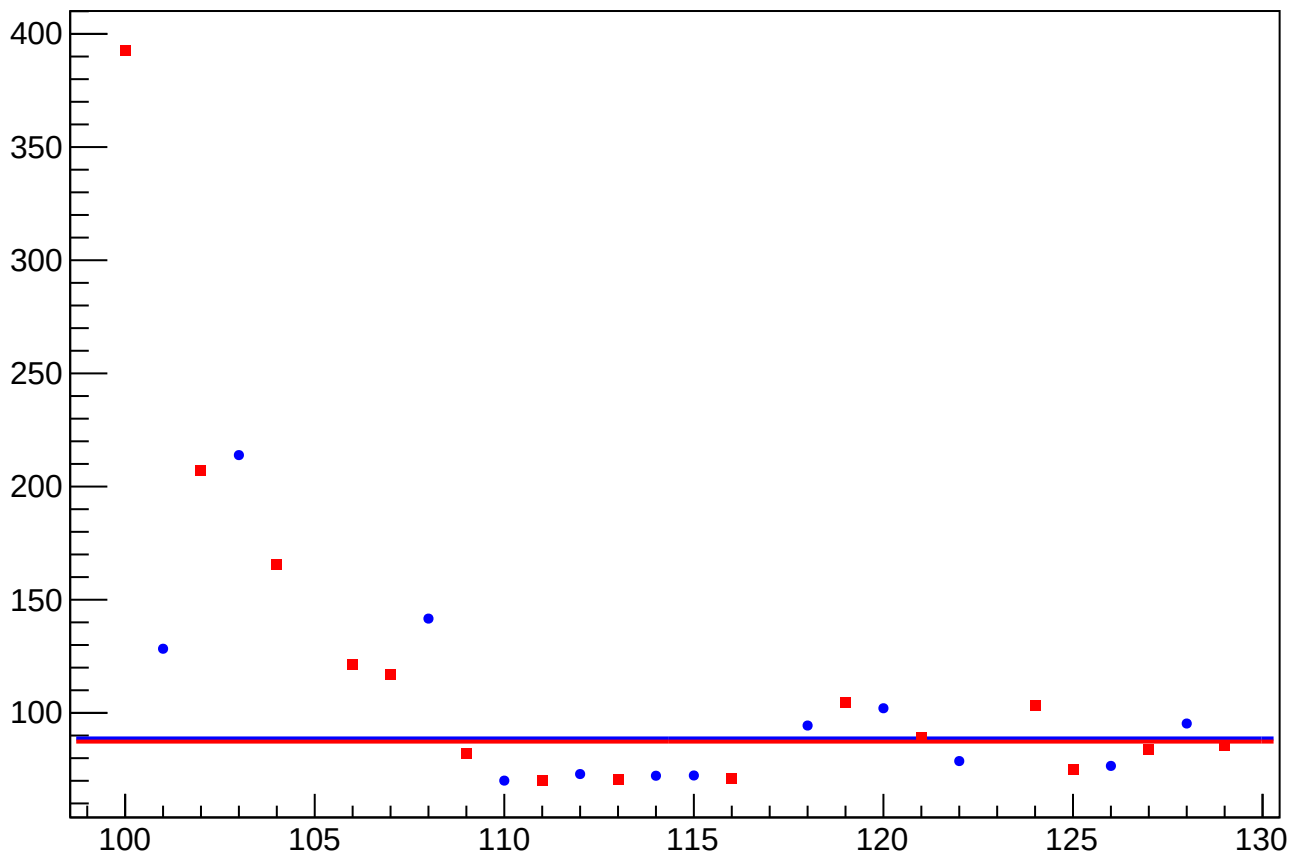
Right: -0.593+/-28.361 χ^2 /NDF: 26.9/26

In: 9.750+/-42.065 χ^2 /NDF: 7.9/11

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.593+/-28.361 χ^2 /NDF: 26.9/26

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 88.710+/-0.030 χ^2/NDF : 793663.0/11

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

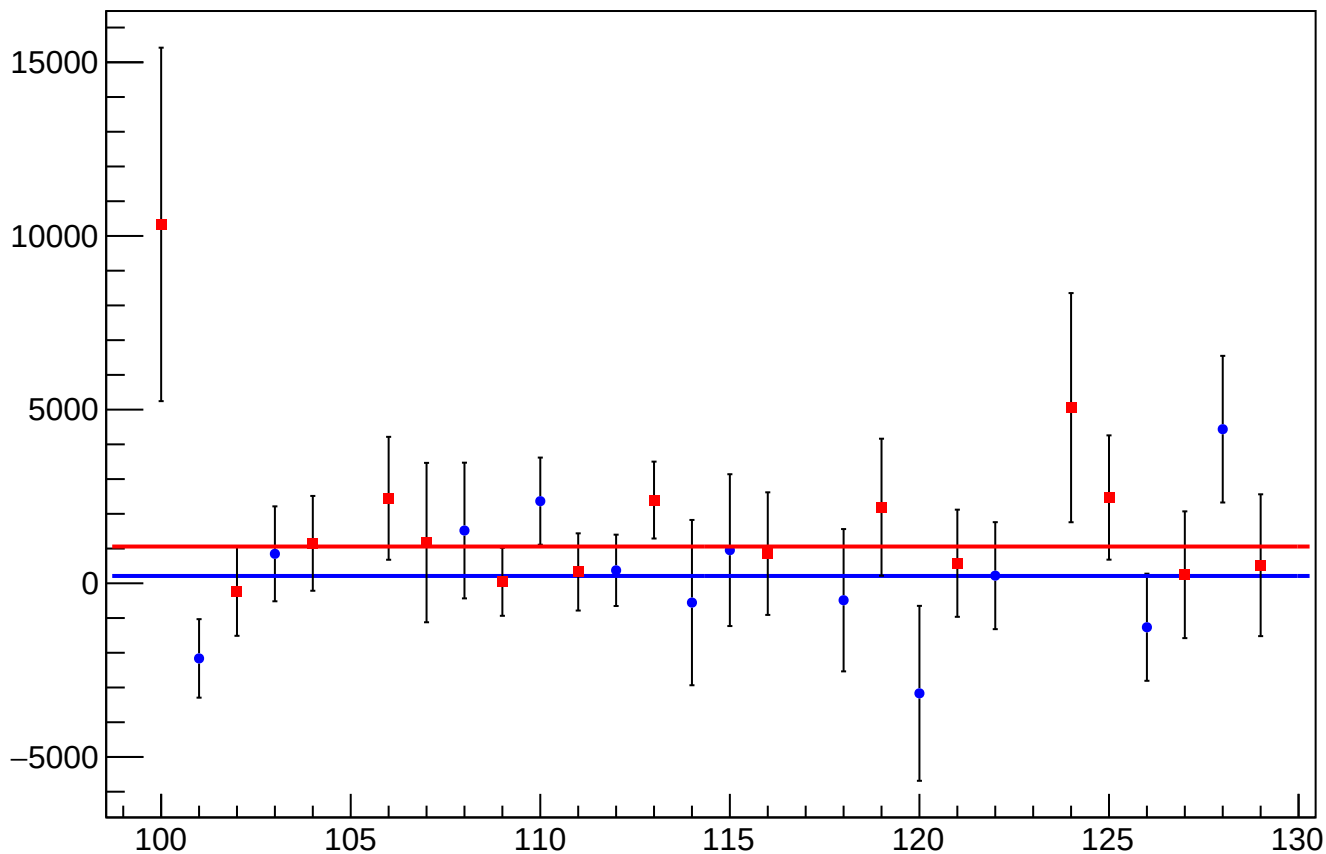
Right: 87.952+/-0.020 χ^2/NDF : 1766539.7/26

In: 88.710+/-0.030 χ^2/NDF : 793663.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.952+/-0.020 χ^2/NDF : 1766539.7/26

asym_sam_37_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 211.182+/-446.642 χ^2/NDF : 15.1/11

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

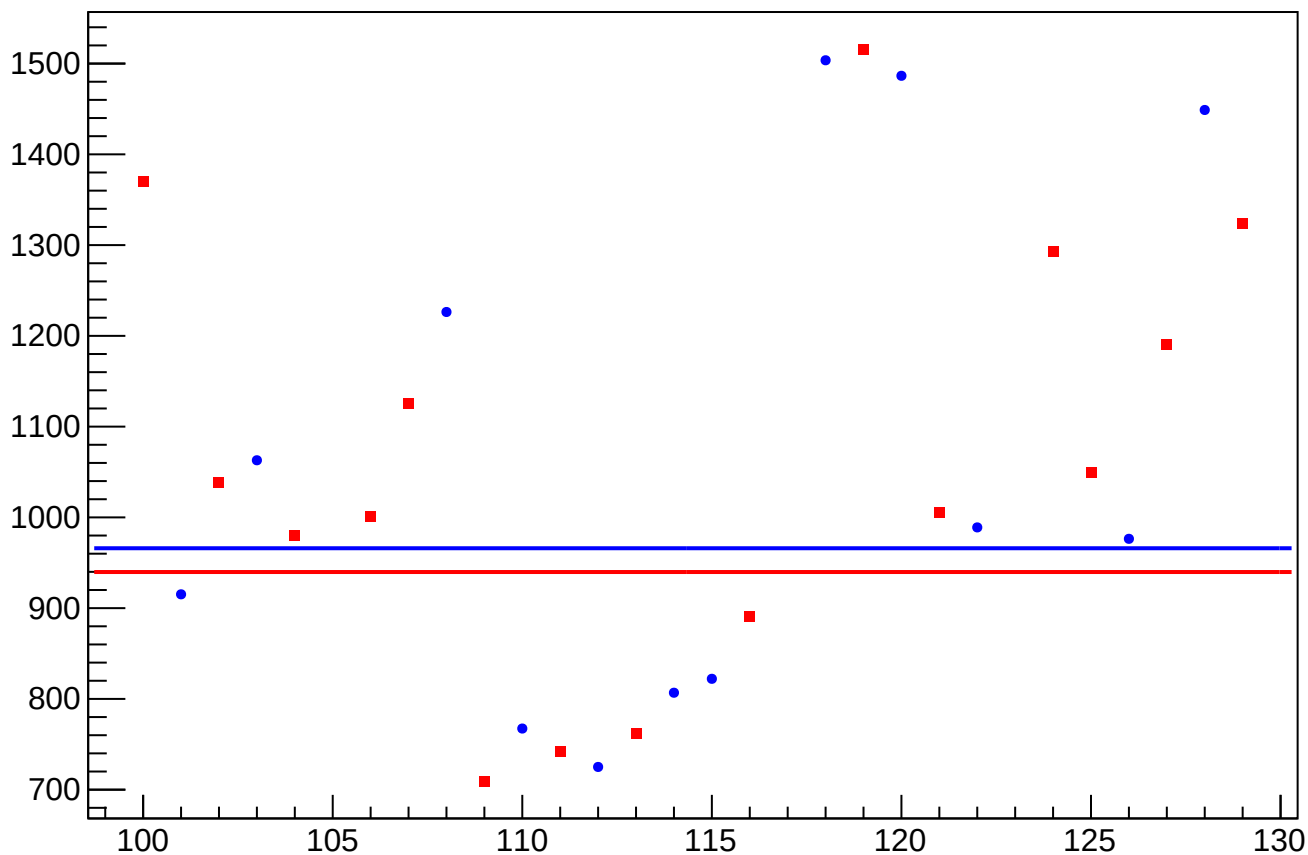
Right: 683.080+/-297.326 χ^2/NDF : 27.8/26

In: 211.182+/-446.642 χ^2/NDF : 15.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 683.080+/-297.326 χ^2/NDF : 27.8/26

asym_sam_37_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 966.003+/-0.316 χ^2/NDF : 555857.3/11

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

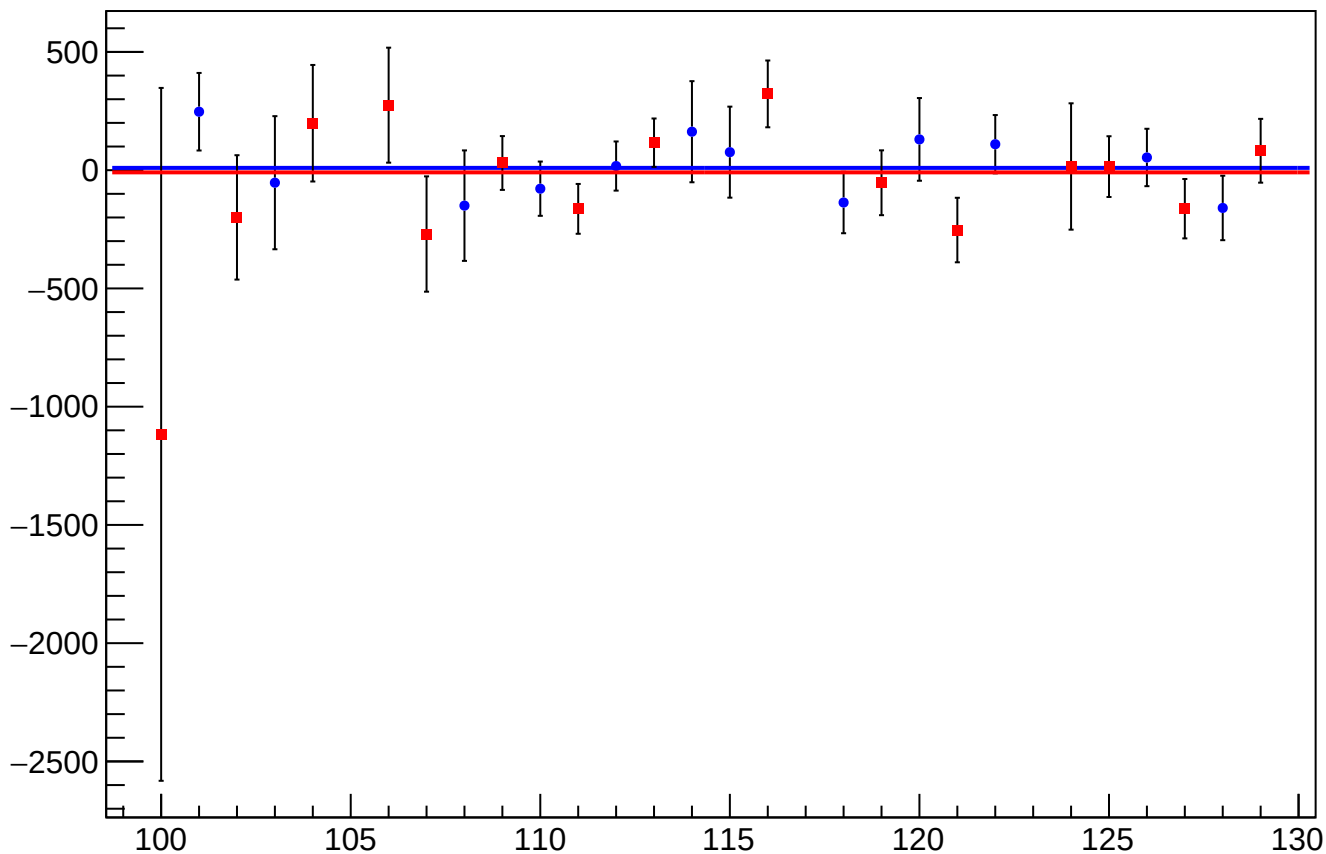
Right: 951.415+/-0.210 χ^2/NDF : 1143336.3/26

In: 966.003+/-0.316 χ^2/NDF : 555857.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 951.415+/-0.210 χ^2/NDF : 1143336.3/26

eigen_dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 9.748+/-42.066 χ^2/NDF : 7.9/11

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

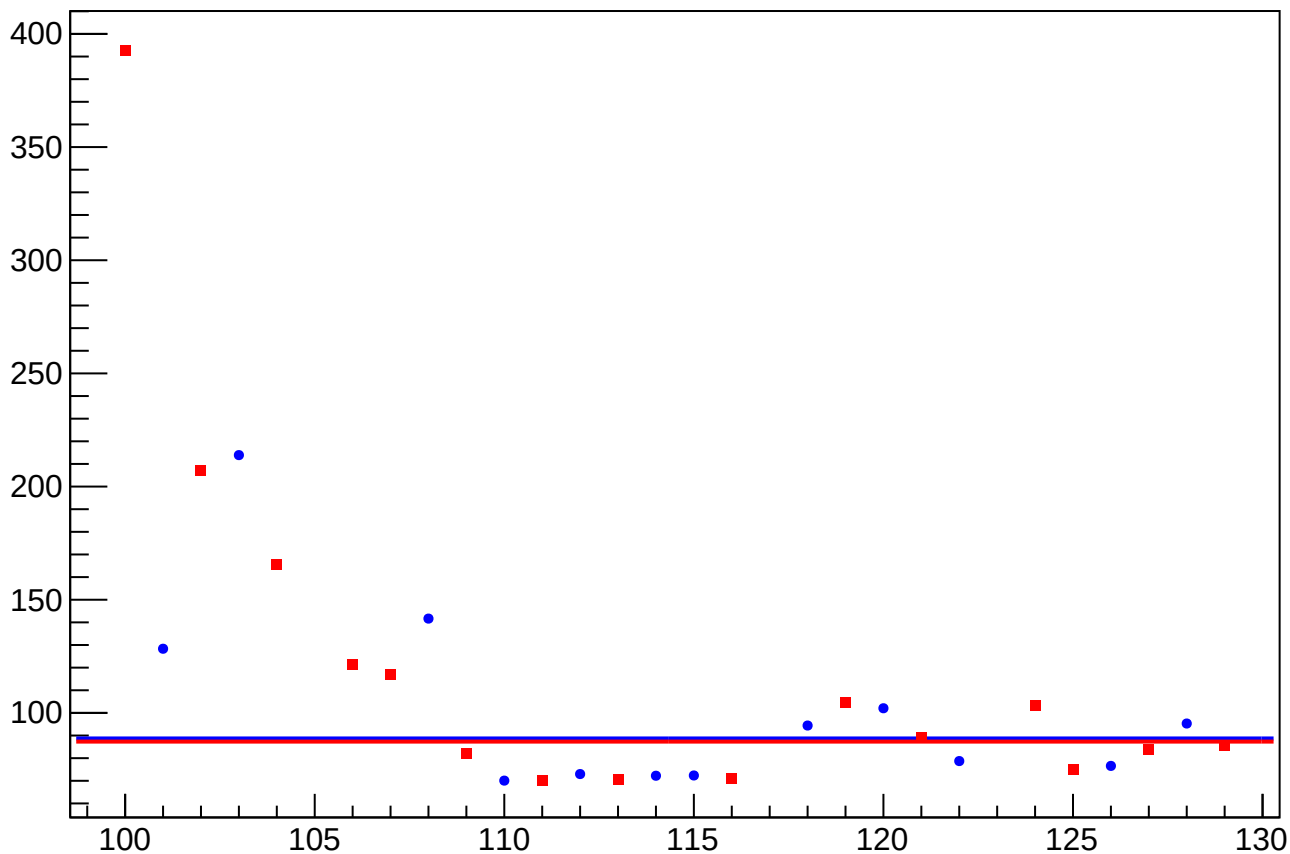
Right: -0.596+/-28.361 χ^2/NDF : 26.9/26

In: 9.748+/-42.066 χ^2/NDF : 7.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.596+/-28.361 χ^2/NDF : 26.9/26

eigen_dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 88.711+/-0.030 χ^2/NDF : 793648.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.321+/-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

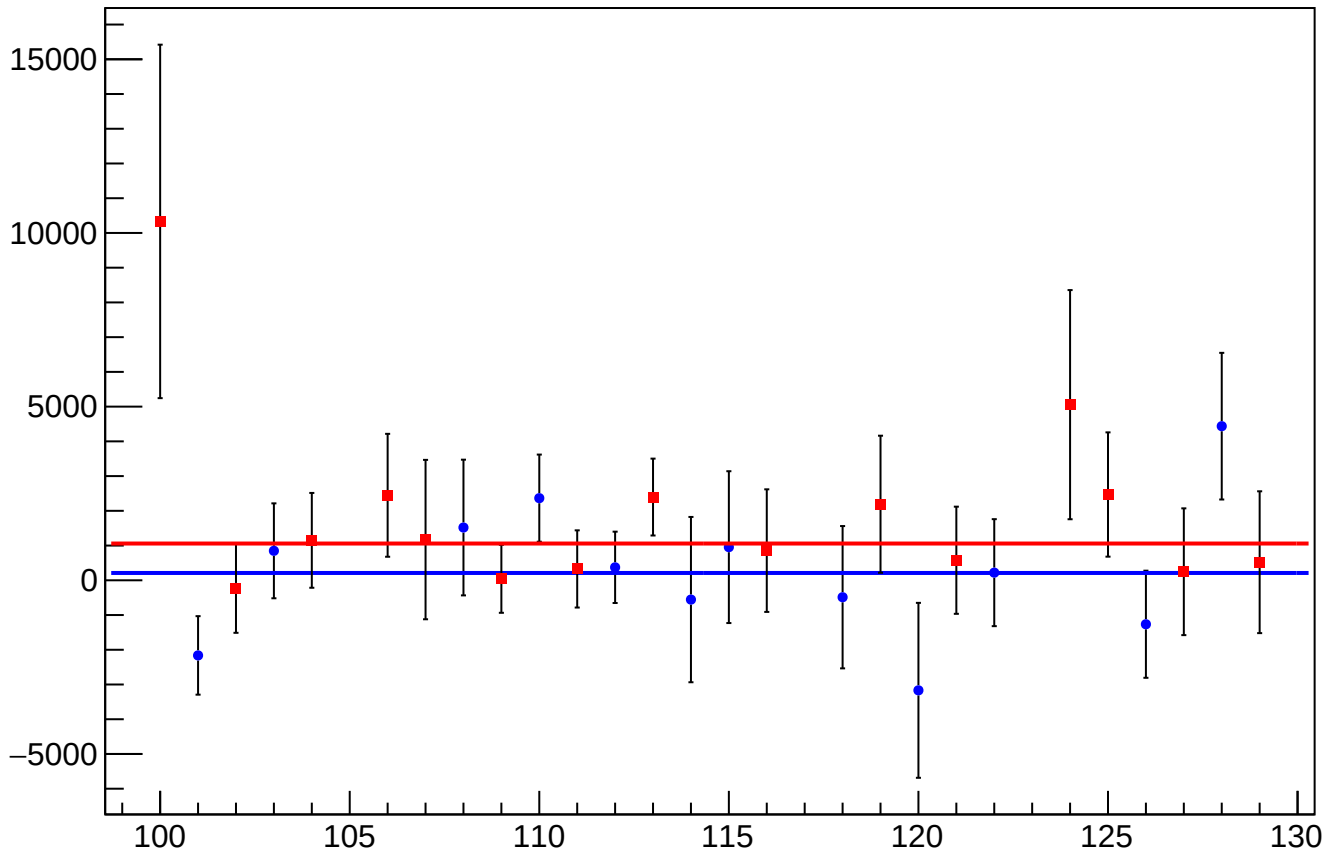
Right: 87.953+/-0.020 χ^2/NDF : 1766517.4/26

In: 88.711+/-0.030 χ^2/NDF : 793648.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.953+/-0.020 χ^2/NDF : 1766517.4/26

asym_sam_37_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 211.182+/-446.641 χ^2/NDF : 15.1/11

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

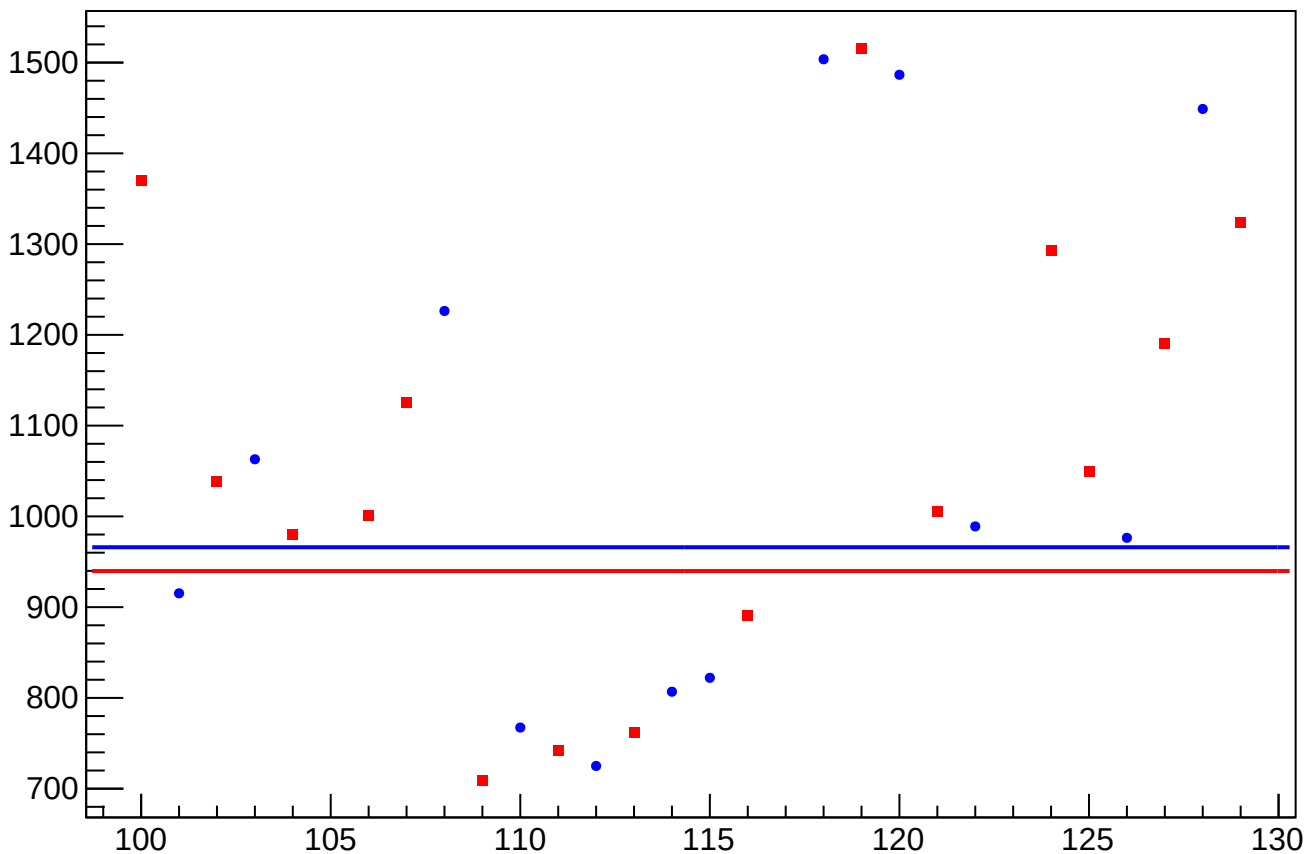
Right: 683.078+/-297.325 χ^2/NDF : 27.8/26

In: 211.182+/-446.641 χ^2/NDF :15.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 683.078+/-297.325 χ^2/NDF : 27.8/26

asym_sam_37_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 966.000+/-0.316 χ^2/NDF : 555861.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

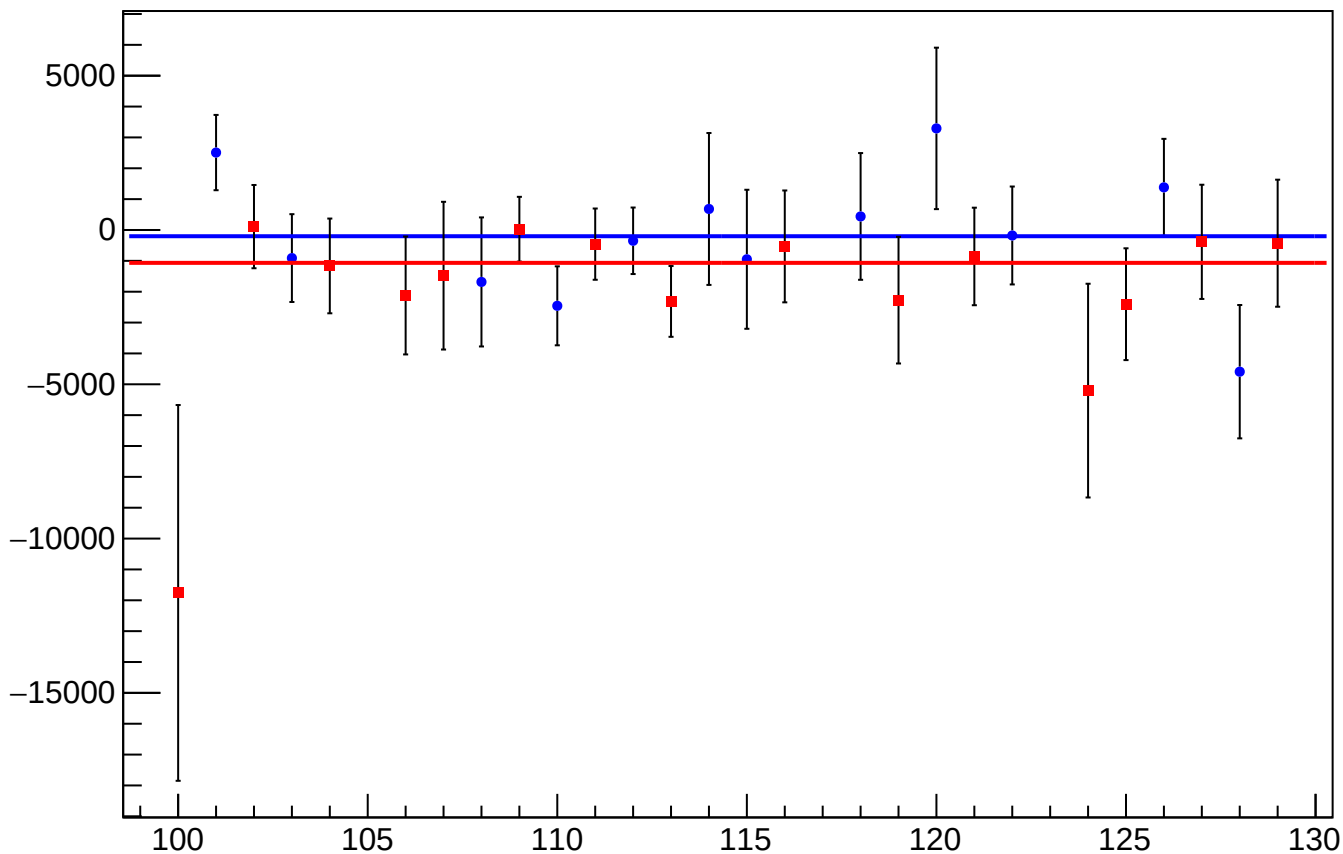
Right: 951.413+/-0.210 χ^2/NDF : 1143339.7/26

In: 966.000+/-0.316 χ^2/NDF : 555861.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 951.413+/-0.210 χ^2/NDF : 1143339.7/26

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -201.963+/-464.851 χ^2/NDF : 16.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

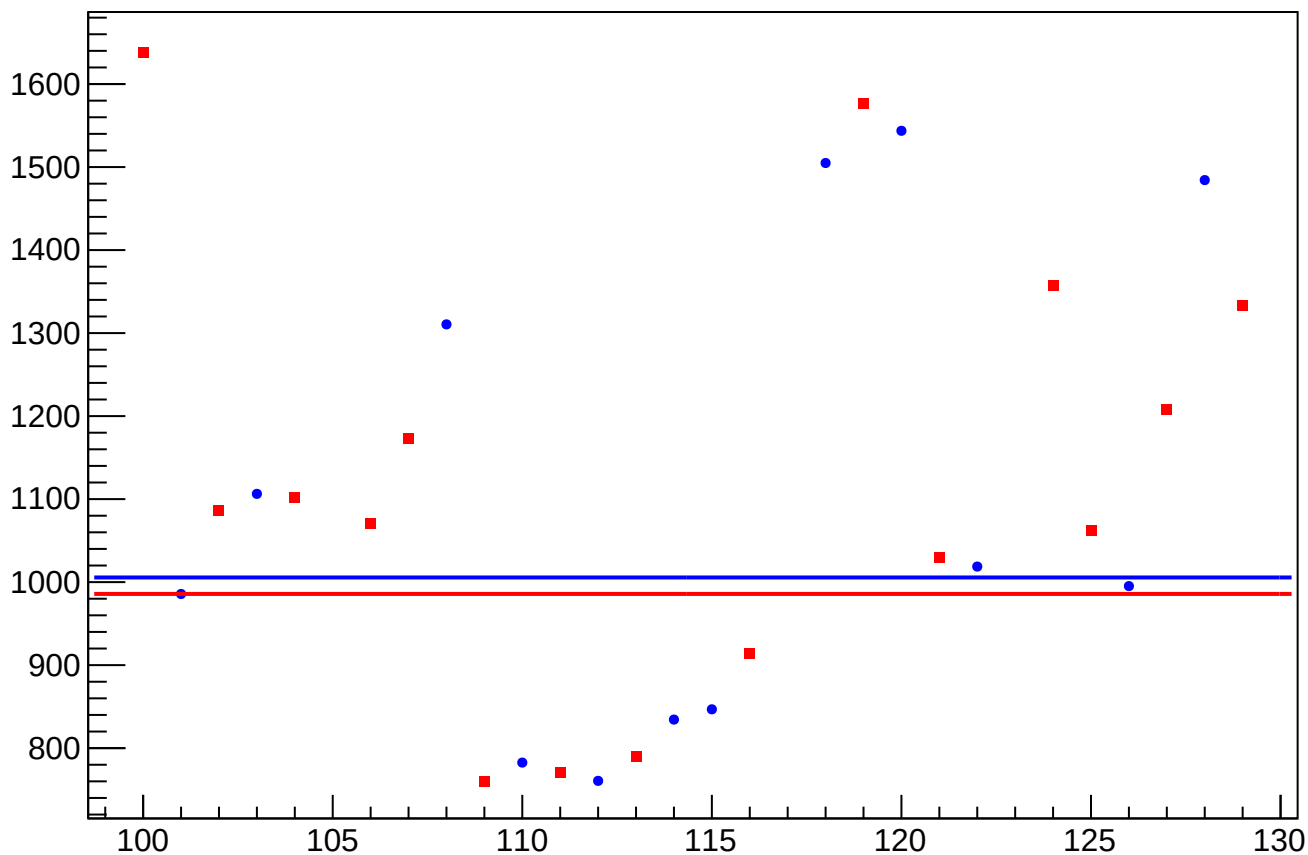
Right: -679.176+/-310.789 χ^2/NDF : 27.4/26

In: -201.963+/-464.851 χ^2/NDF : 16.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -679.176+/-310.789 χ^2/NDF : 27.4/26

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 1005.603+/-0.329 χ^2/NDF : 538061.0/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

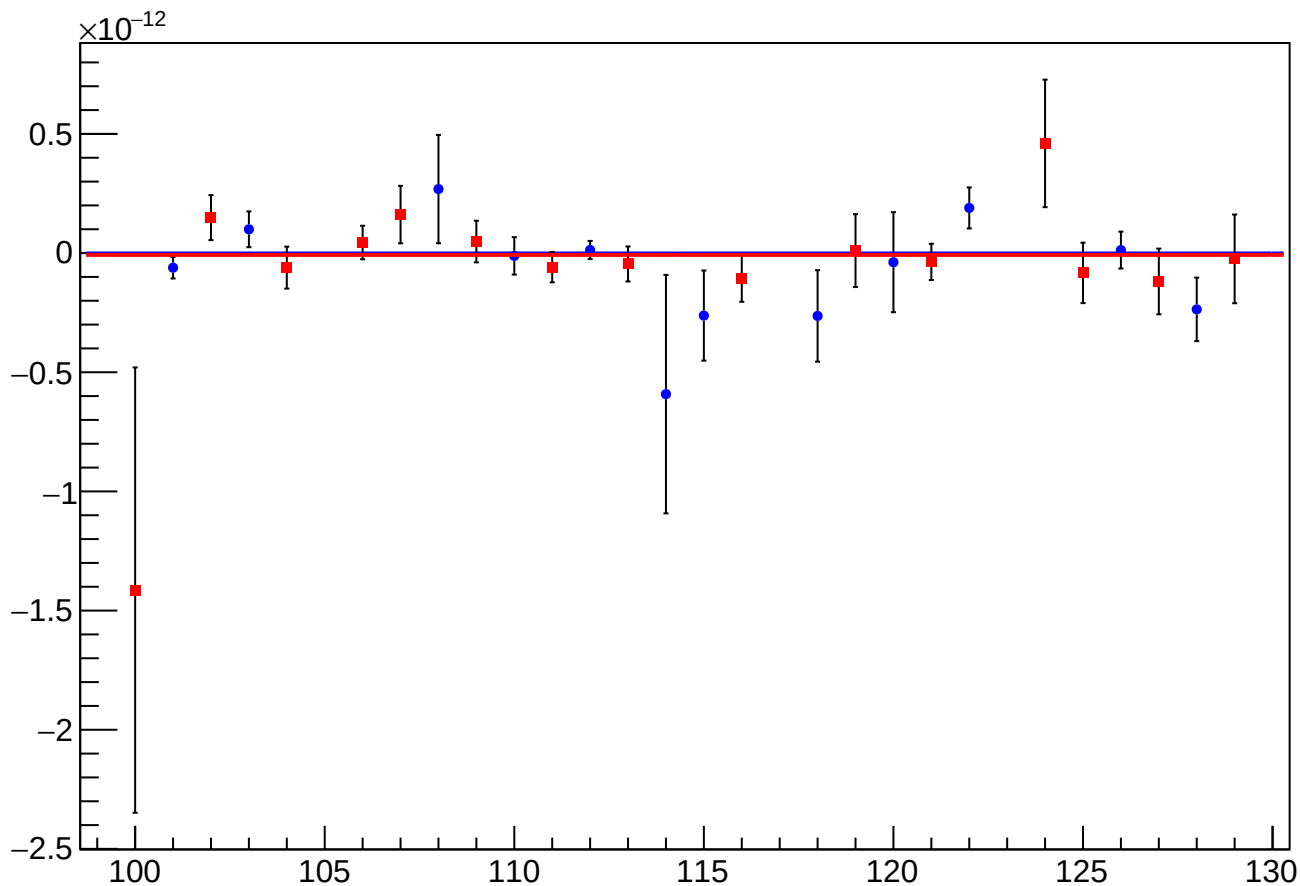
Right: 994.643+/-0.220 χ^2/NDF : 1105241.1/26

In: 1005.603+/-0.329 χ^2/NDF :538061.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 994.643+/-0.220 χ^2/NDF : 1105241.1/26

asym_sam_37_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 18.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

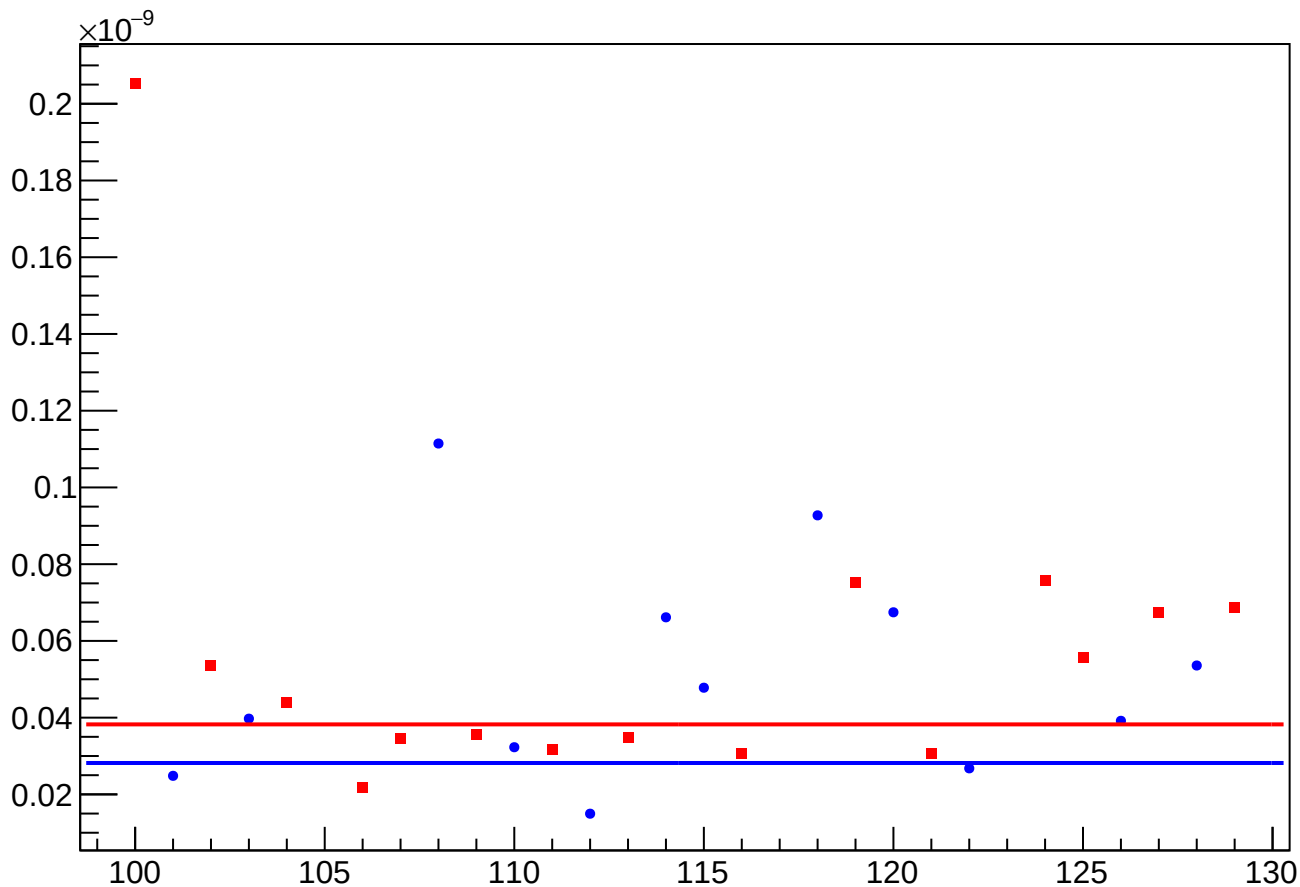
Right: -0.000+/-0.000 χ^2/NDF : 32.9/26

In: -0.000+/-0.000 χ^2/NDF : 18.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.9/26

asym_sam_37_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1015790.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

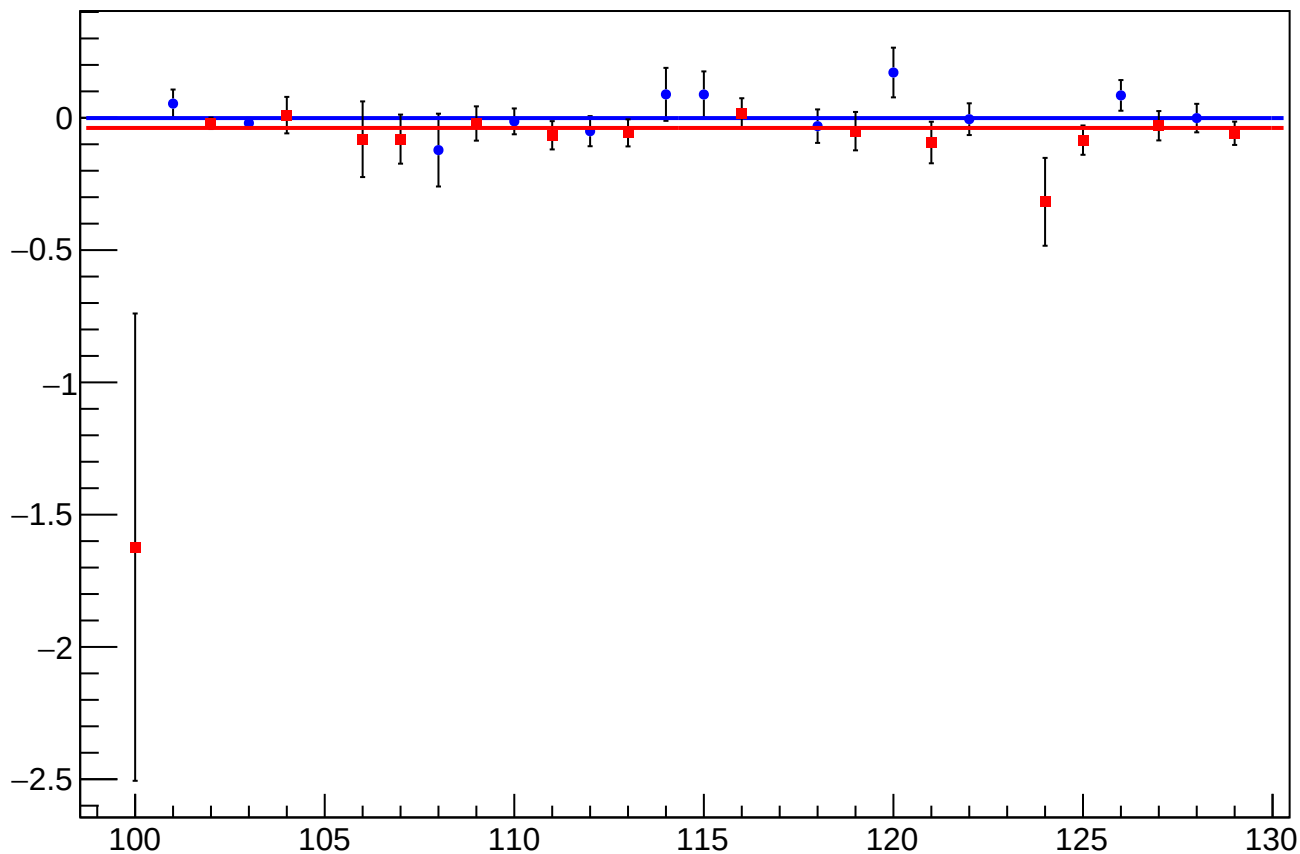
Right: 0.000+/-0.000 χ^2/NDF : 1824681.7/26

In: 0.000+/-0.000 χ^2/NDF : 1015790.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1824681.7/26

asym_sam_37_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 $\pm$ 0.014 χ^2 /NDF: 11.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.038 $\pm$ 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

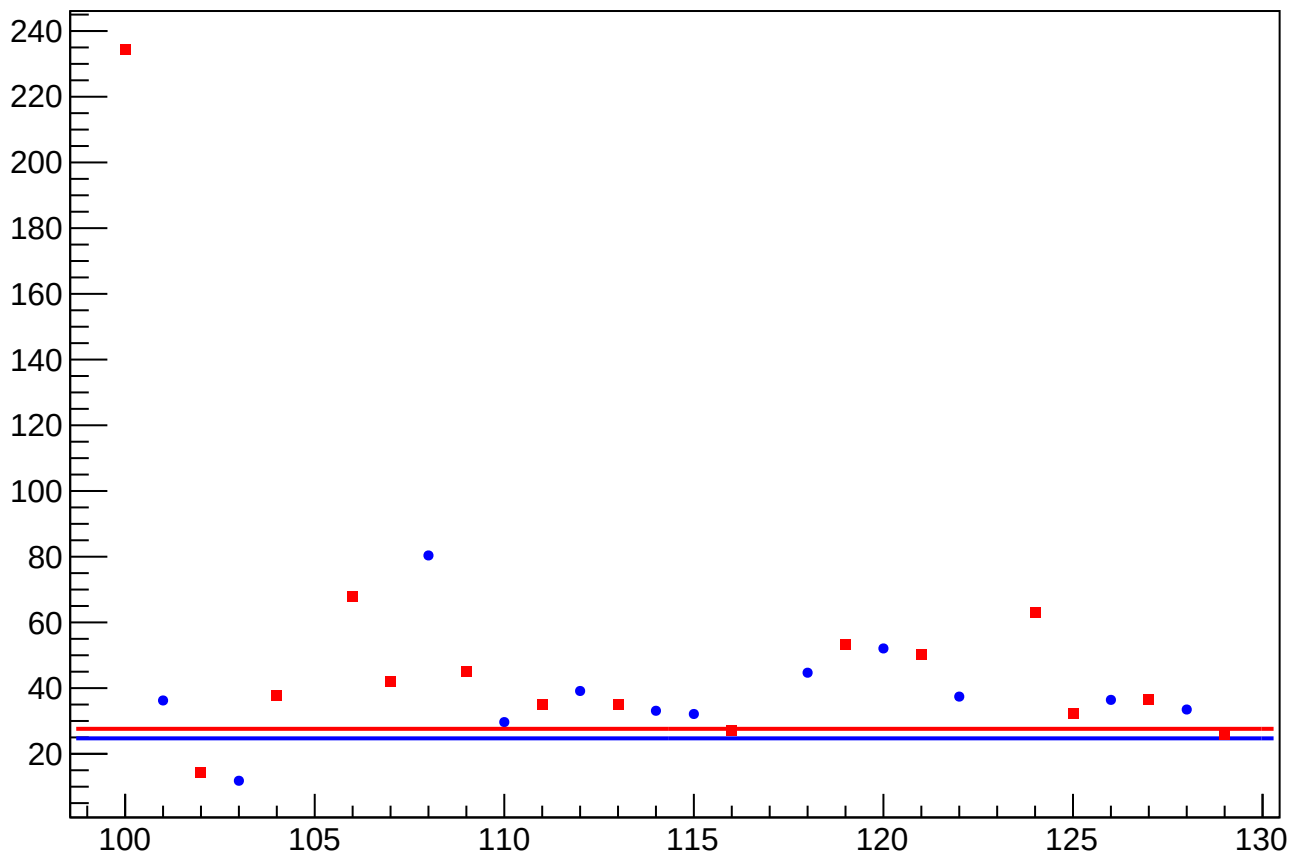
Right: -0.020 $\pm$ 0.010 χ^2 /NDF: 25.3/26

In: -0.001 $\pm$ 0.014 χ^2 /NDF:11.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.020 $\pm$ 0.010 χ^2 /NDF: 25.3/26

asym_sam_37_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.711+/-0.010 χ^2/NDF : 2055589.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.611+/-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

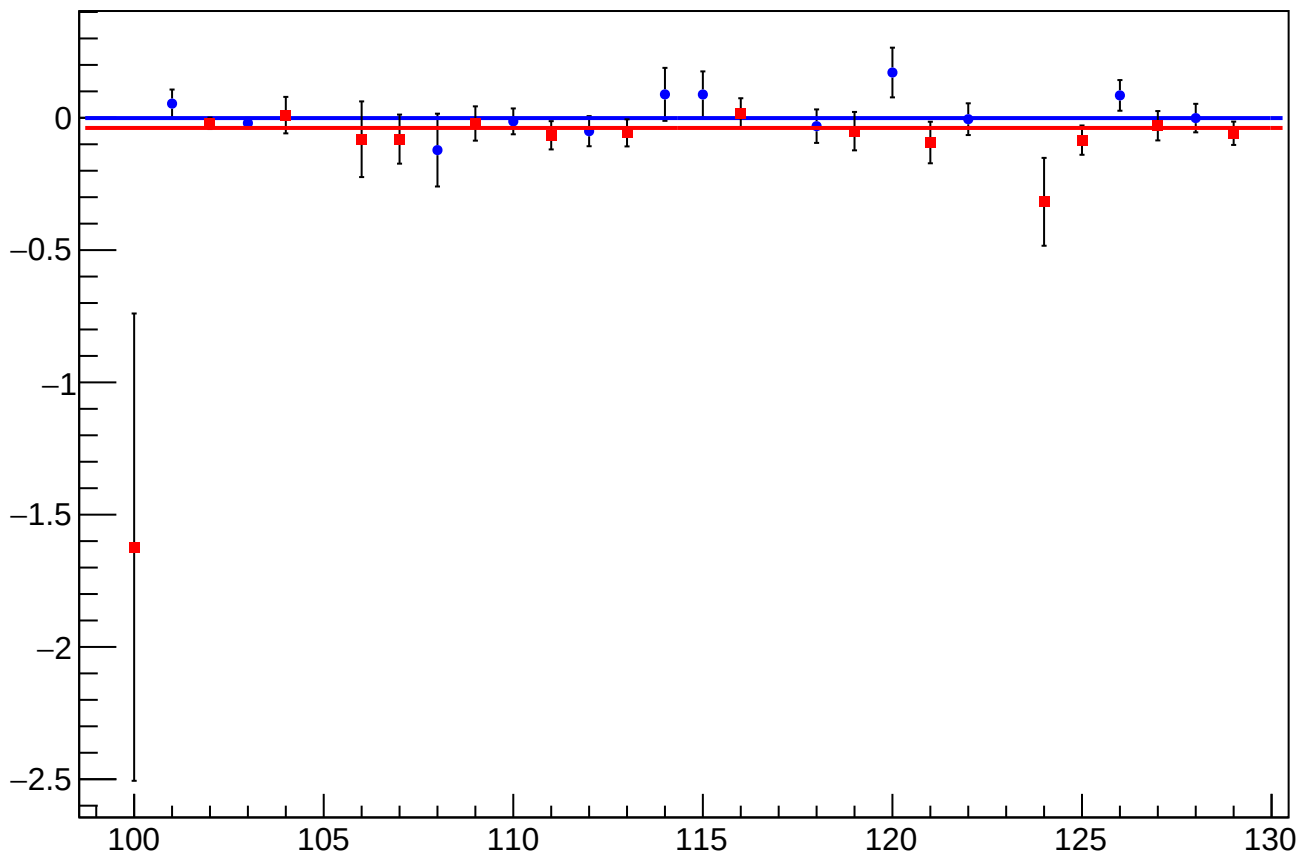
Right: 26.180+/-0.007 χ^2/NDF : 4031745.5/26

In: 24.711+/-0.010 χ^2/NDF : 2055589.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.180+/-0.007 χ^2/NDF : 4031745.5/26

asym_sam_37_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 $\pm$ 0.014 χ^2 /NDF: 11.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.038 $\pm$ 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

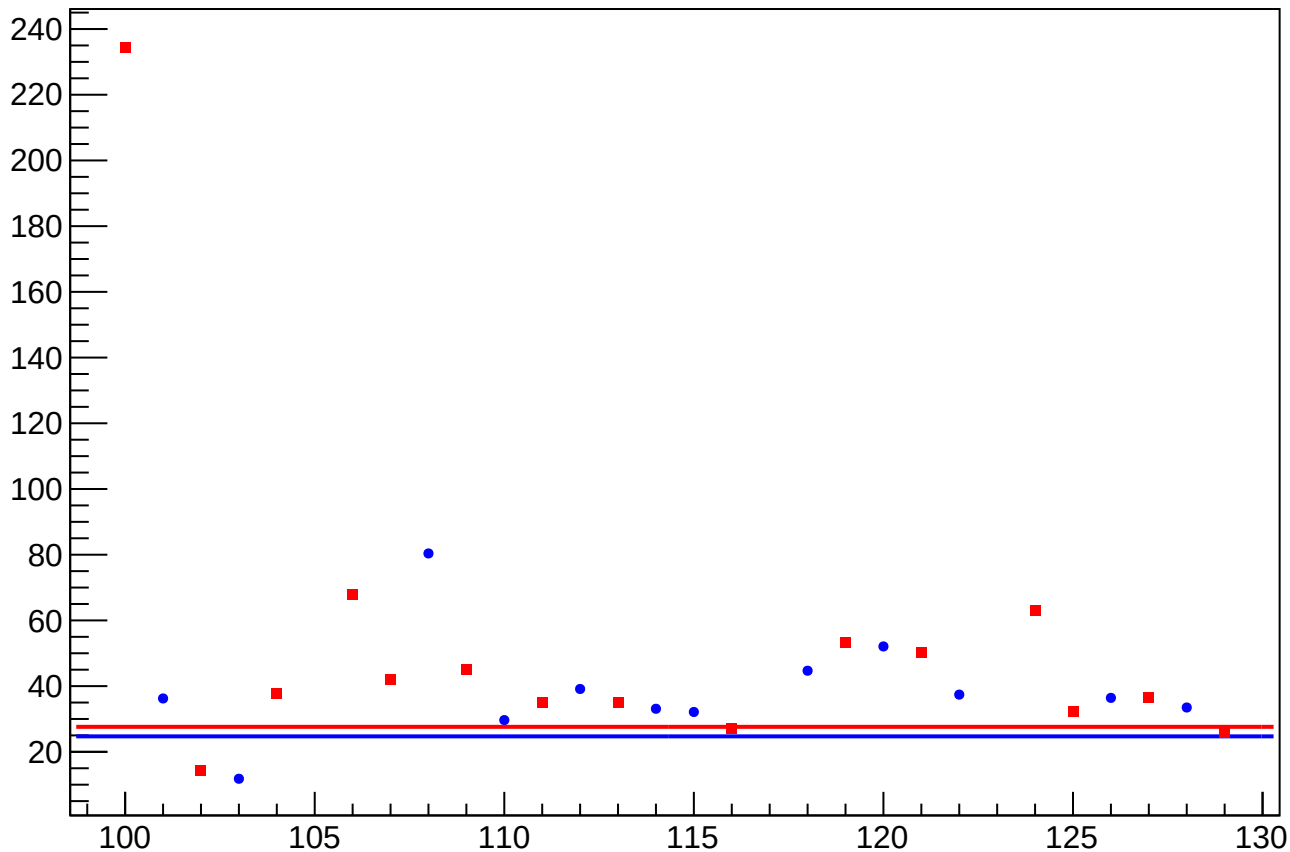
Right: -0.020 $\pm$ 0.010 χ^2 /NDF: 25.3/26

In: -0.001 $\pm$ 0.014 χ^2 /NDF:11.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.020 $\pm$ 0.010 χ^2 /NDF: 25.3/26

asym_sam_37_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.711+/-0.010 χ^2/NDF : 2055589.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.611+/-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

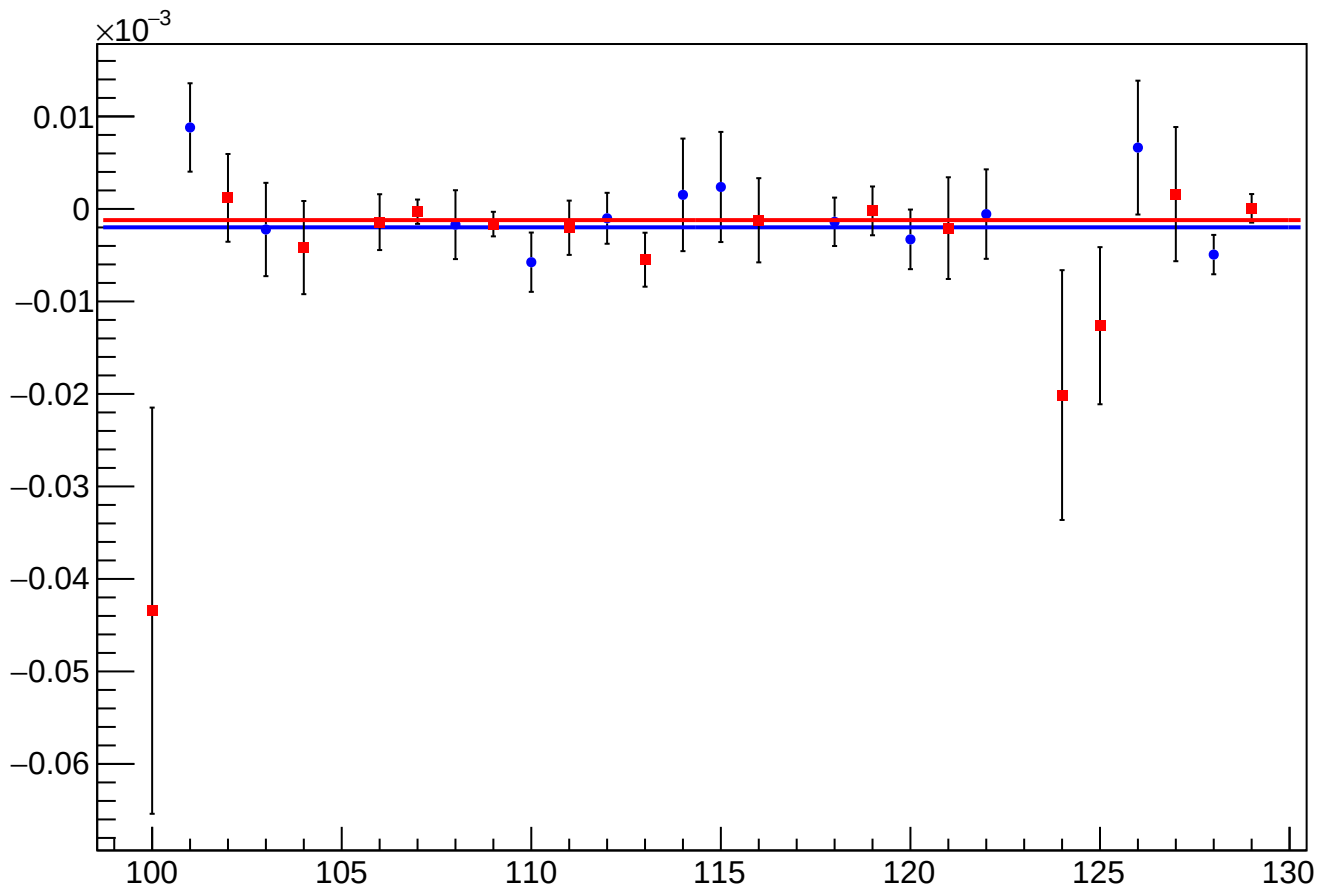
Right: 26.180+/-0.007 χ^2/NDF : 4031745.5/26

In: 24.711+/-0.010 χ^2/NDF : 2055589.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.180+/-0.007 χ^2/NDF : 4031745.5/26

asym_sam_37_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 11.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 11.9/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

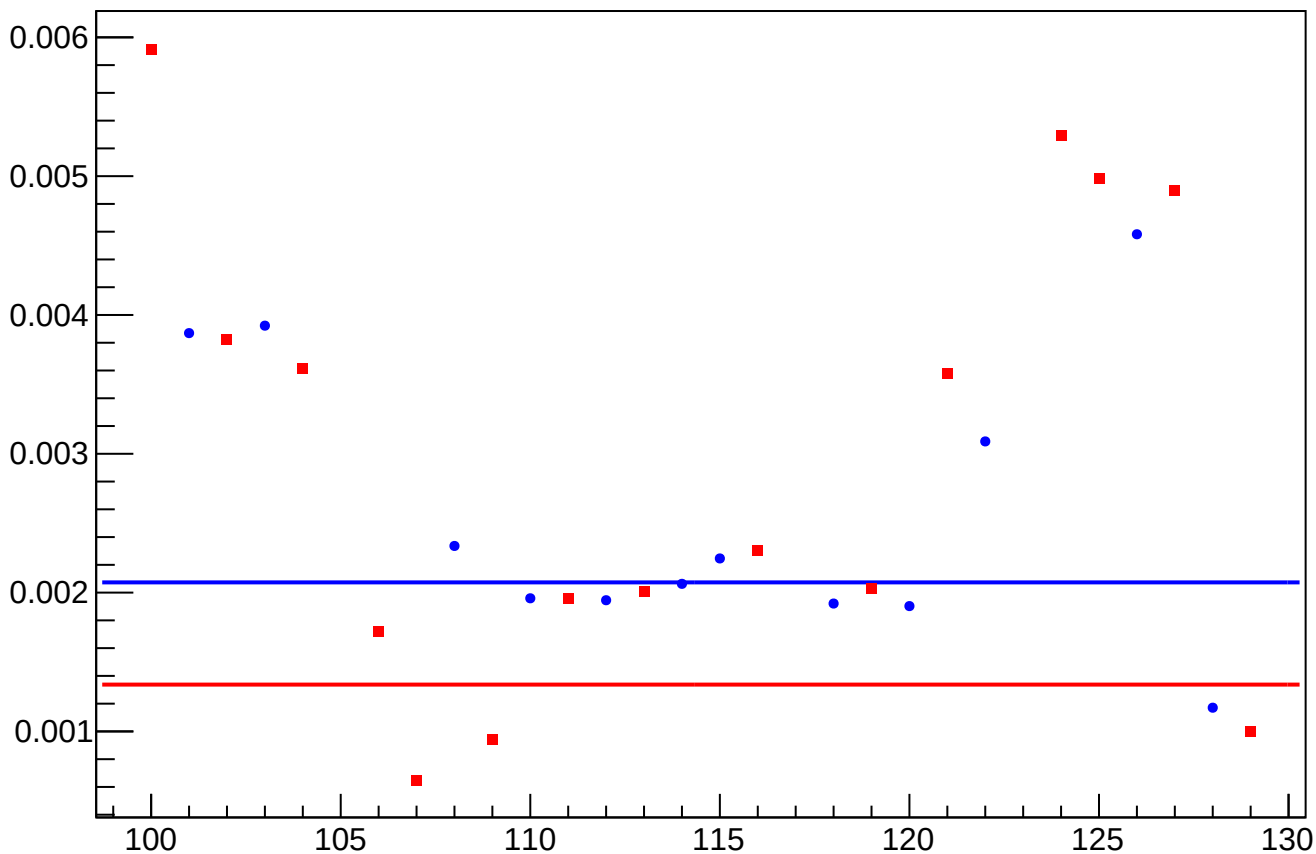
Right: -0.000 ± 0.000 χ^2/NDF : 23.4/26

In: -0.000 ± 0.000 χ^2/NDF : 11.1/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 23.4/26

asym_sam_37_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1270753.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 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

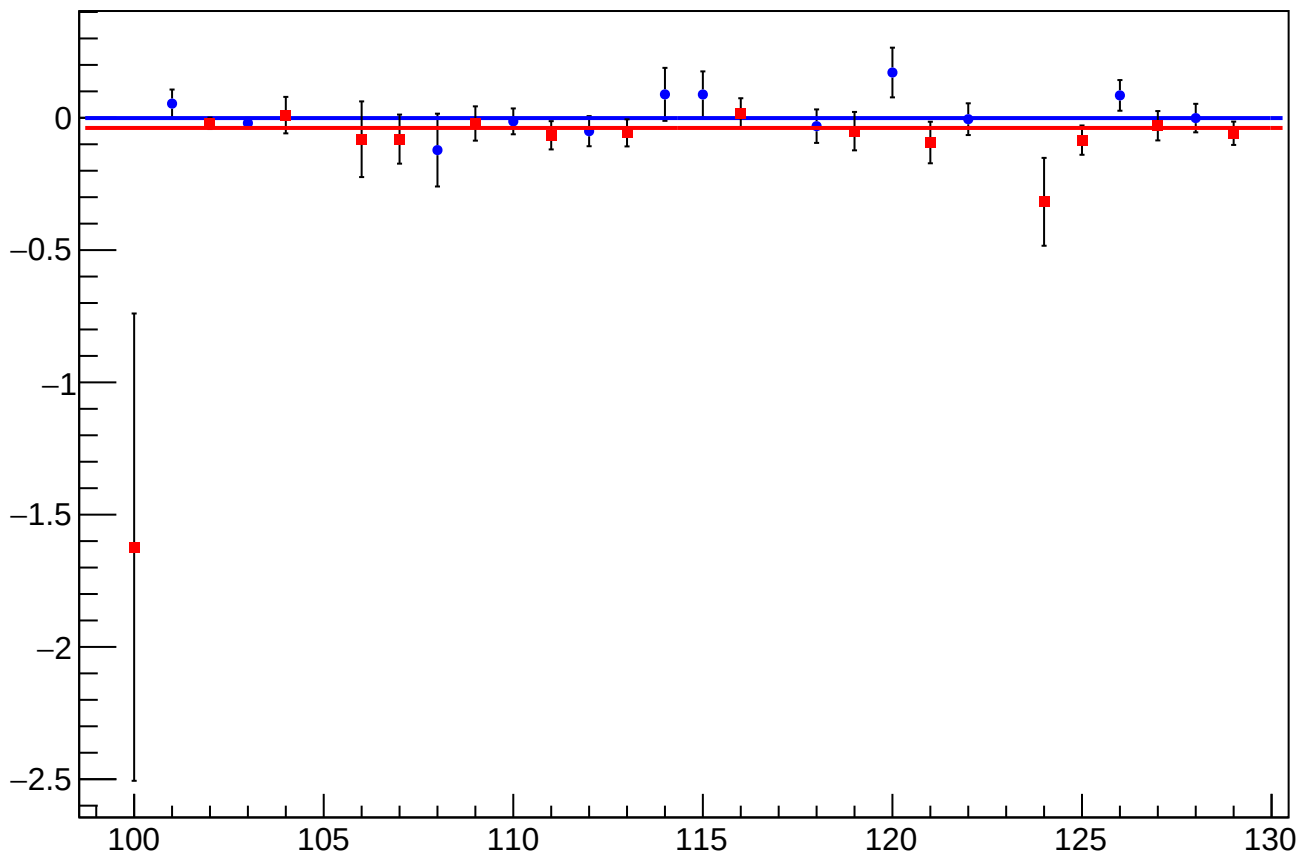
Right: 0.002+/-0.000 χ^2/NDF : 5682302.8/26

In: 0.002+/-0.000 χ^2/NDF : 1270753.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5682302.8/26

asym_sam_37_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 $\pm$ 0.014 χ^2 /NDF: 11.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.038 $\pm$ 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

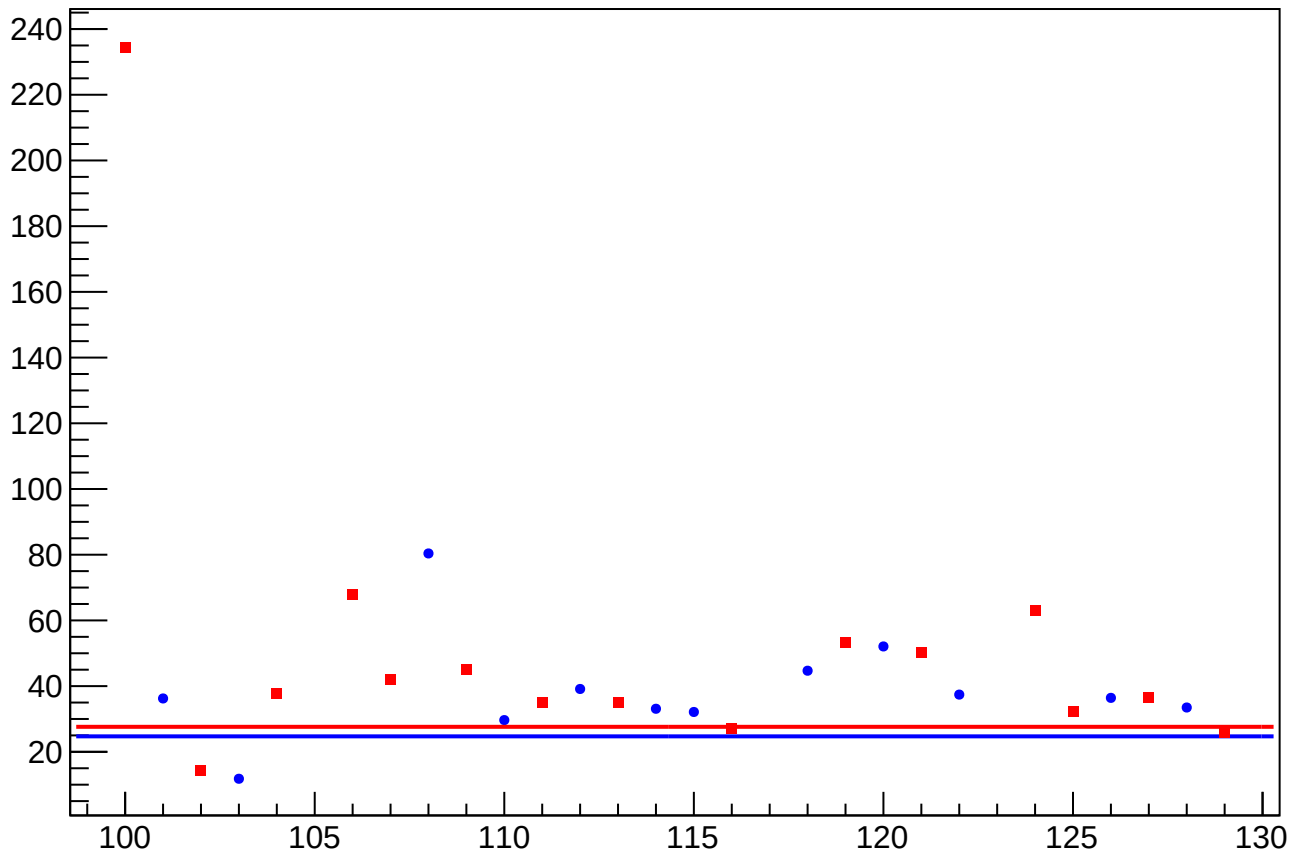
Right: -0.020 $\pm$ 0.010 χ^2 /NDF: 25.3/26

In: -0.001 $\pm$ 0.014 χ^2 /NDF:11.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.020 $\pm$ 0.010 χ^2 /NDF: 25.3/26

asym_sam_37_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.711 $\pm$ 0.010 χ^2/NDF : 2055890.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 27.614 $\pm$ 0.010 χ^2/NDF : 1931032.1/14

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

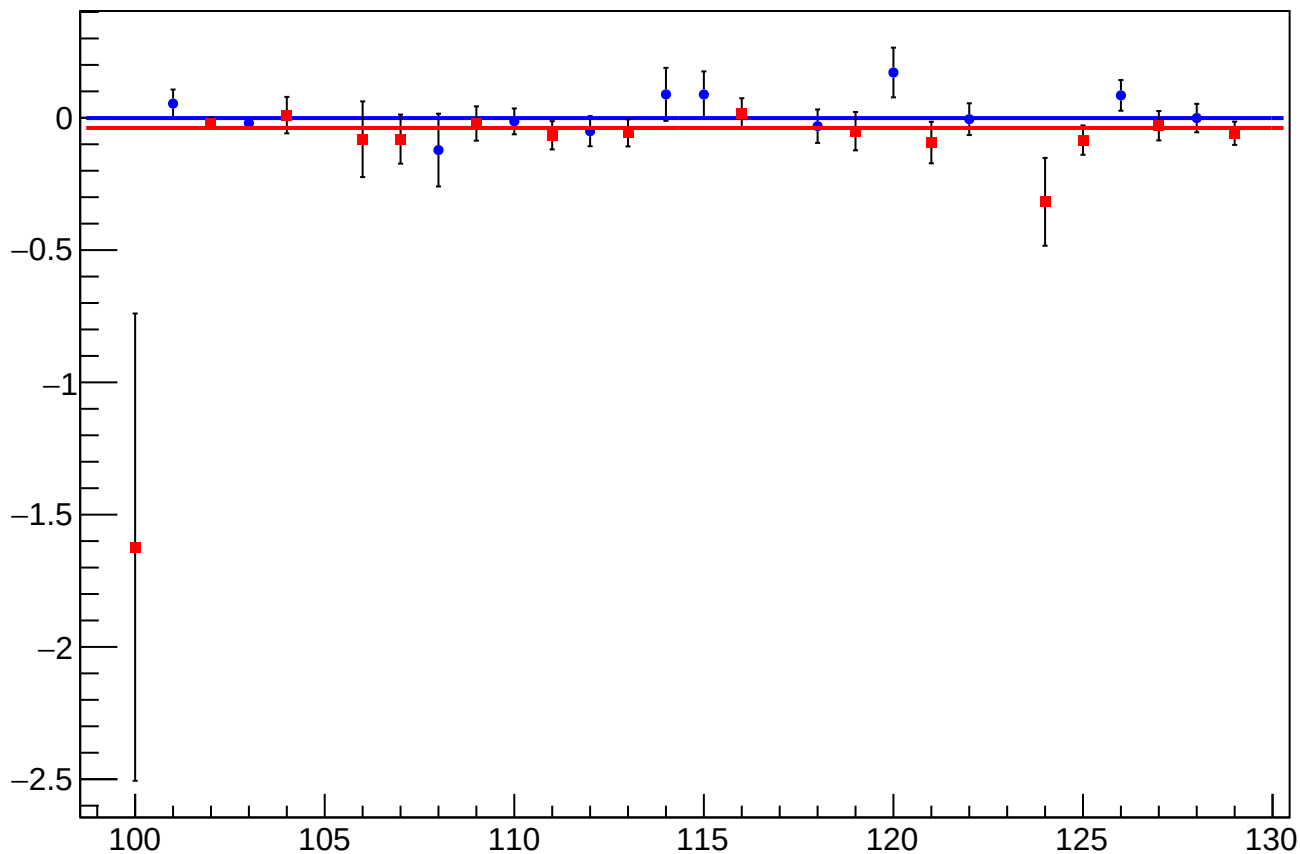
Right: 26.181 $\pm$ 0.007 χ^2/NDF : 4031663.7/26

In: 24.711 $\pm$ 0.010 χ^2/NDF : 2055890.9/11

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 26.181 $\pm$ 0.007 χ^2/NDF : 4031663.7/26

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 $\pm$ 0.014 χ^2 /NDF: 11.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.038 $\pm$ 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

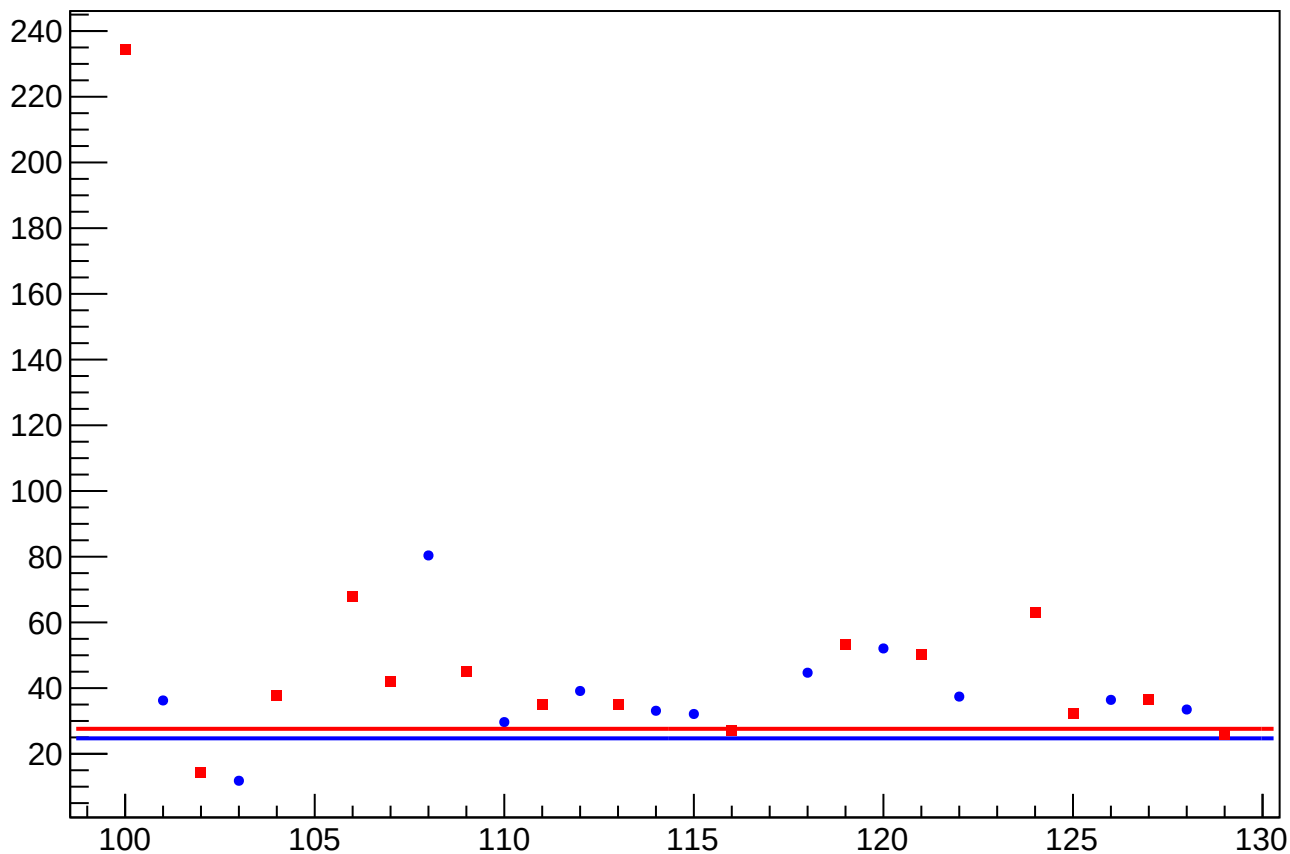
Right: -0.020 $\pm$ 0.010 χ^2 /NDF: 25.3/26

In: -0.001 $\pm$ 0.014 χ^2 /NDF:11.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.020 $\pm$ 0.010 χ^2 /NDF: 25.3/26

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.711+/-0.010 χ^2/NDF : 2055890.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.614+/-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

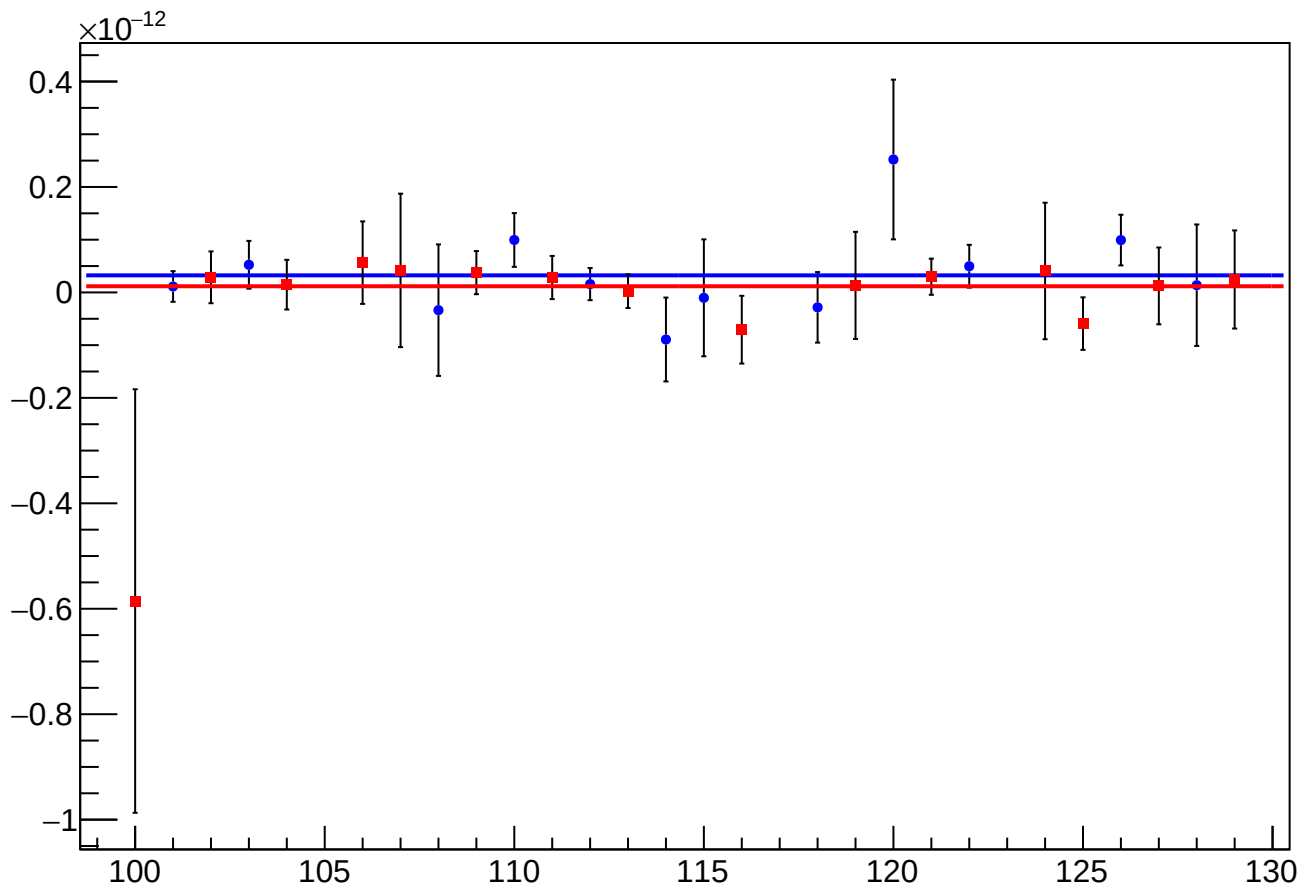
Right: 26.181+/-0.007 χ^2/NDF : 4031663.7/26

In: 24.711+/-0.010 χ^2/NDF : 2055890.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.181+/-0.007 χ^2/NDF : 4031663.7/26

asym_sam_37_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

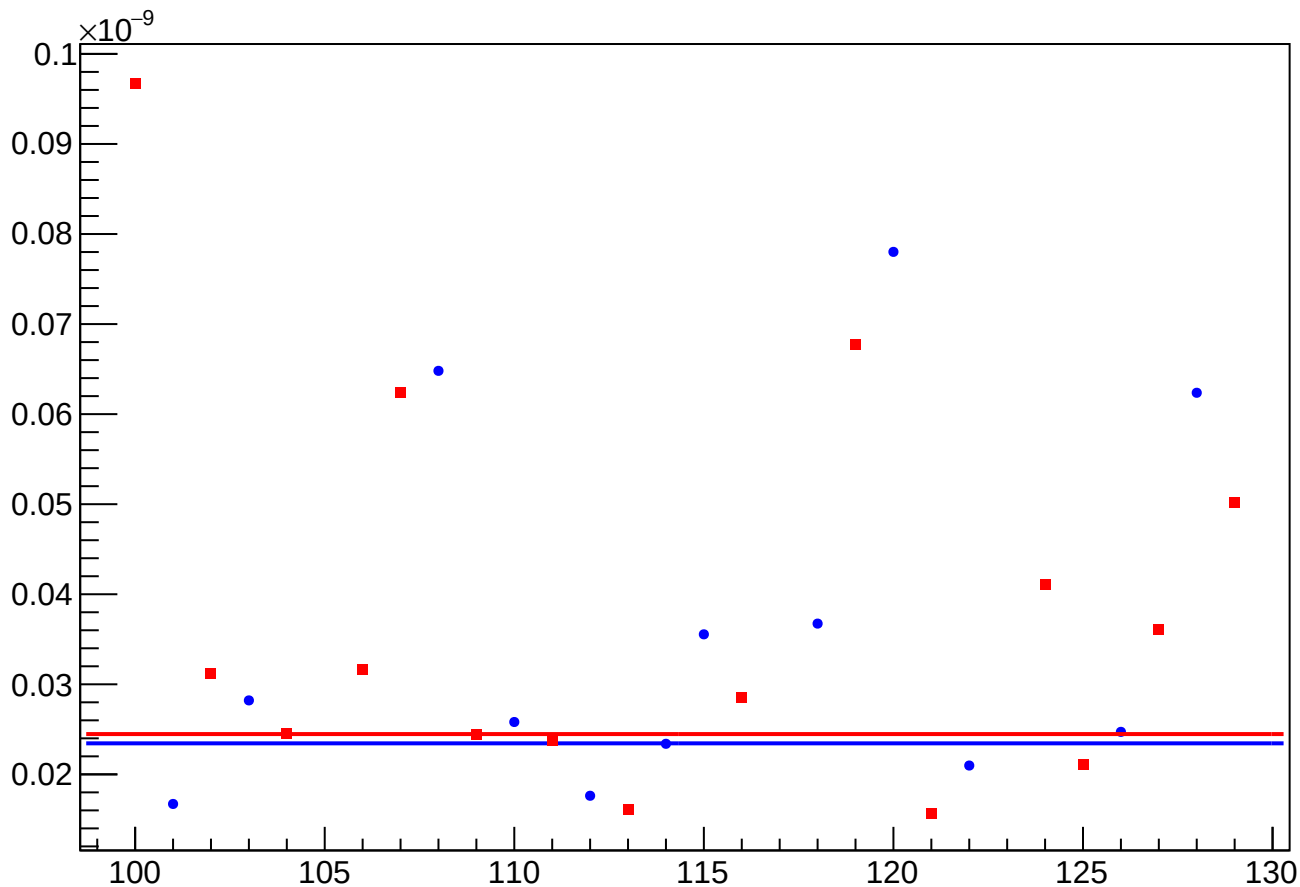
Right: 0.000+/-0.000 χ^2/NDF : 19.0/26

In: 0.000+/-0.000 χ^2/NDF : 10.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.0/26

asym_sam_37_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1026206.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

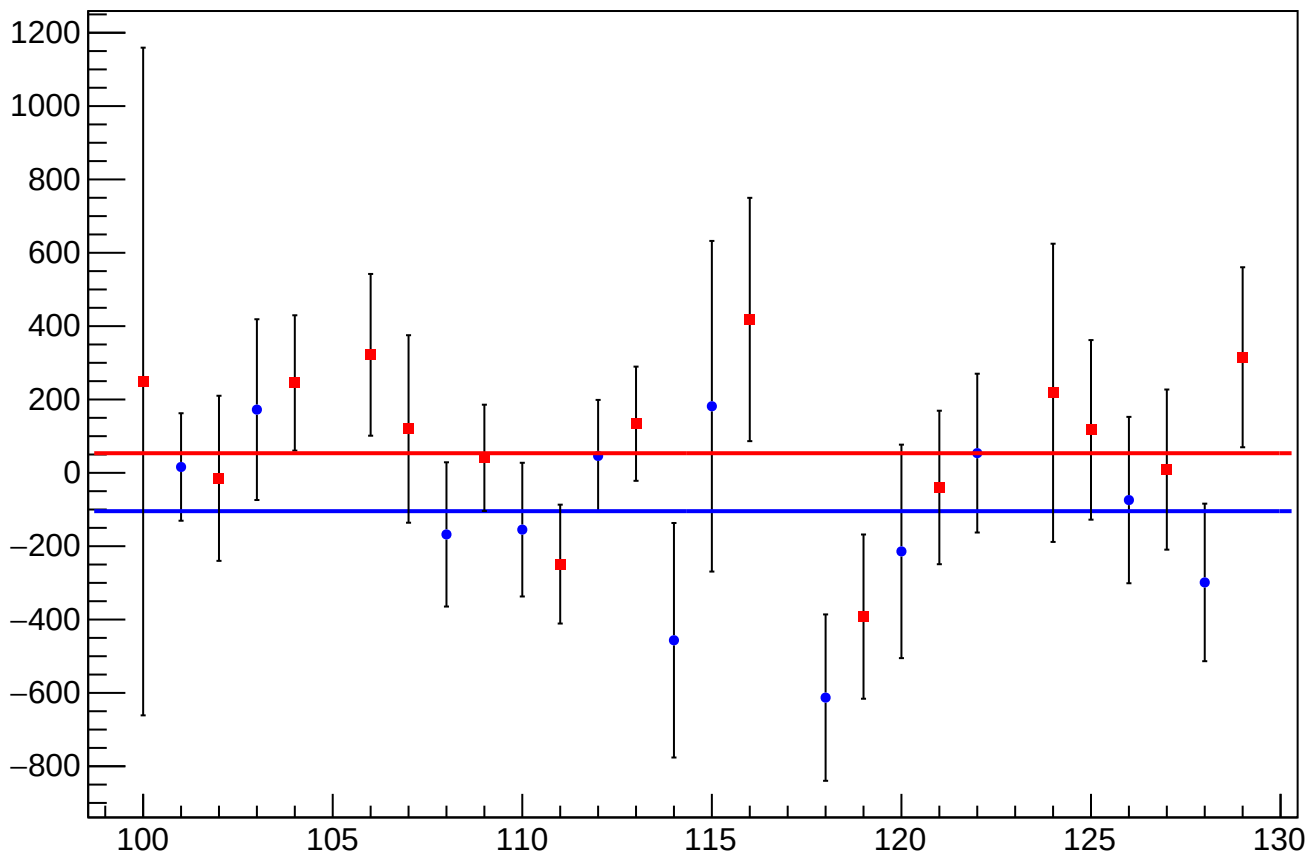
Right: 0.000+/-0.000 χ^2/NDF : 2174550.2/26

In: 0.000+/-0.000 χ^2/NDF : 1026206.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2174550.2/26

reg_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -104.480+/-60.836 χ^2/NDF : 11.2/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

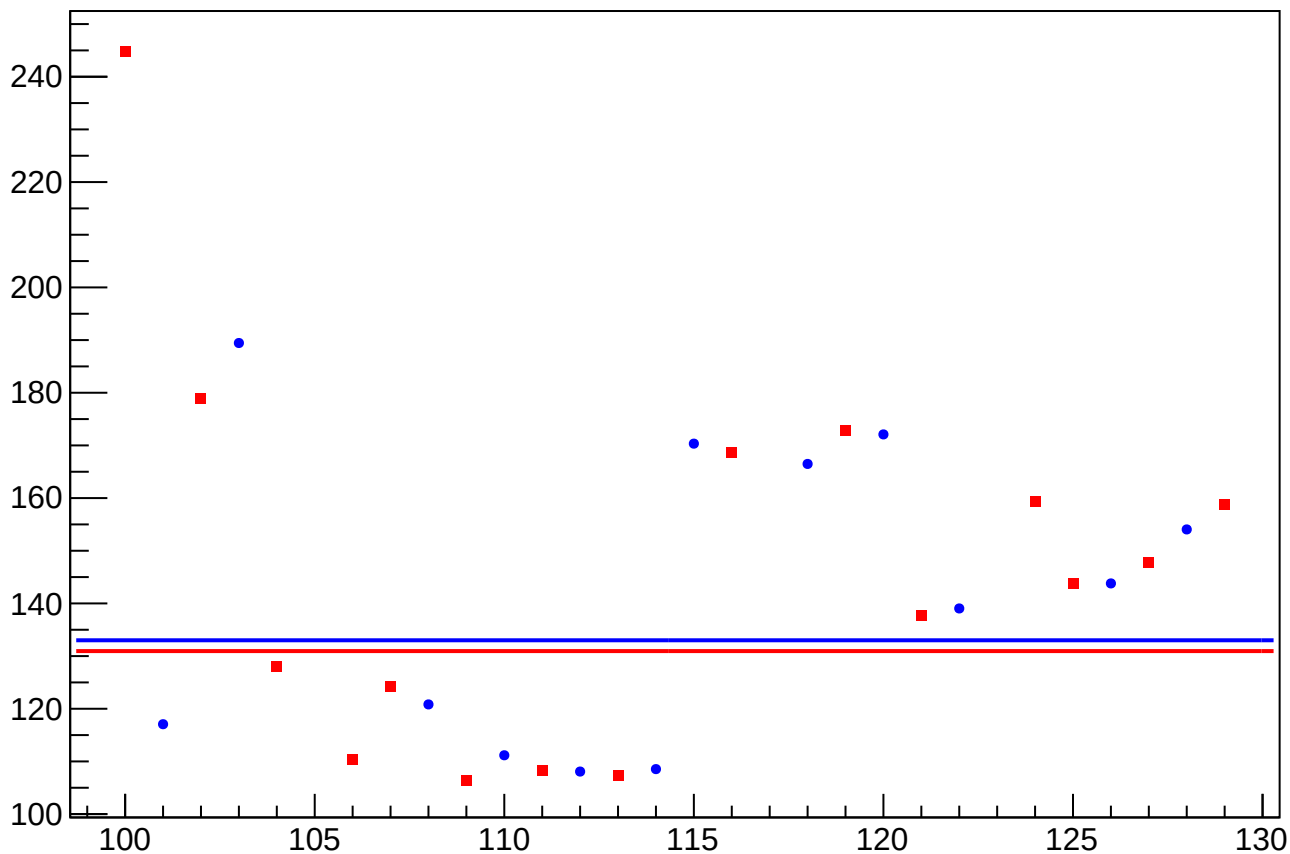
Right: -18.161+/-40.979 χ^2/NDF : 28.2/26

In: -104.480+/-60.836 χ^2/NDF :11.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -18.161+/-40.979 χ^2/NDF : 28.2/26

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 133.001 $\pm$ 0.043 χ^2 /NDF: 348508.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 130.949 $\pm$ 0.039 χ^2 /NDF: 434679.4/14

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

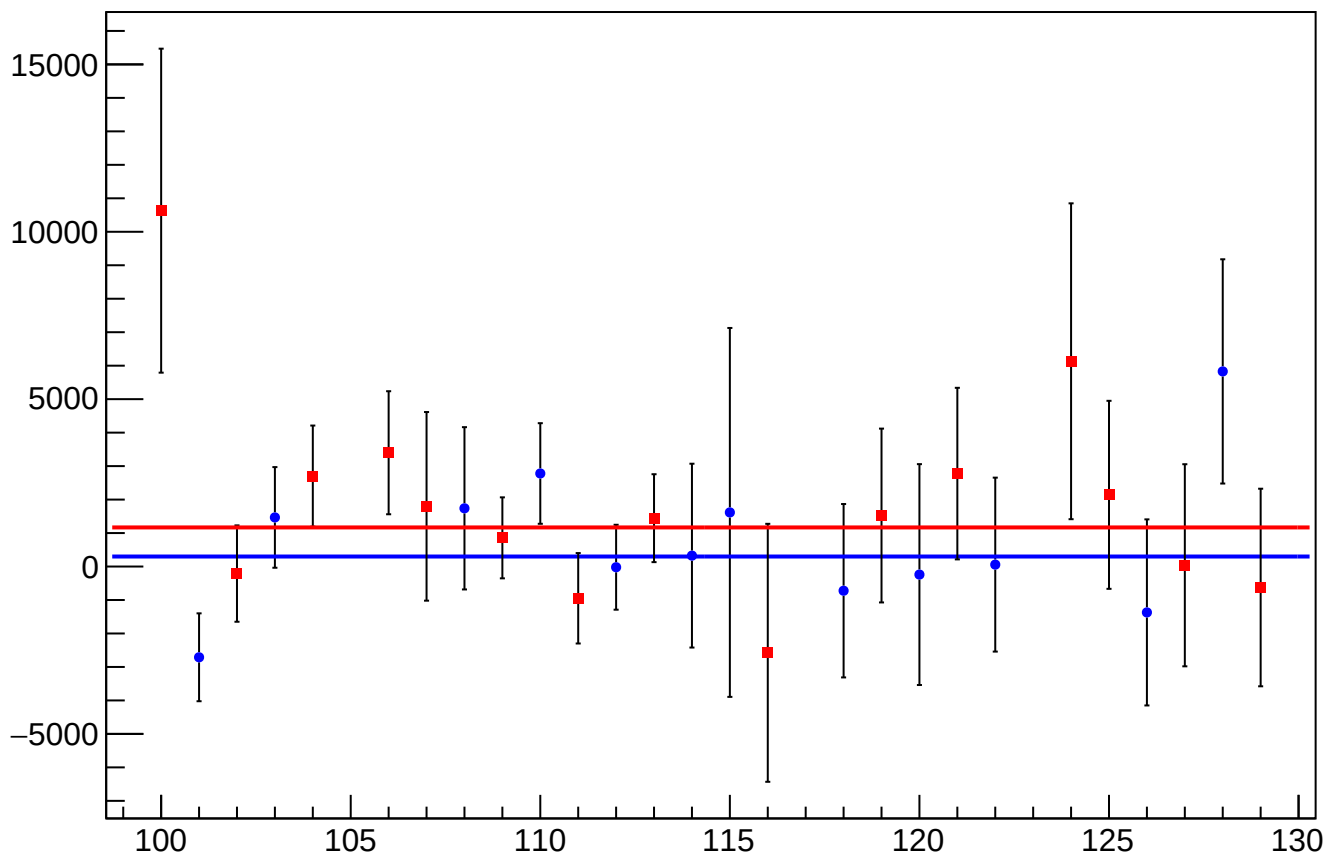
Right: 131.880 $\pm$ 0.029 χ^2 /NDF: 784431.4/26

In: 133.001 $\pm$ 0.043 χ^2 /NDF:348508.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 131.880 $\pm$ 0.029 χ^2 /NDF: 784431.4/26

asym_sam_48_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 299.173+/-574.428 χ^2/NDF : 12.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

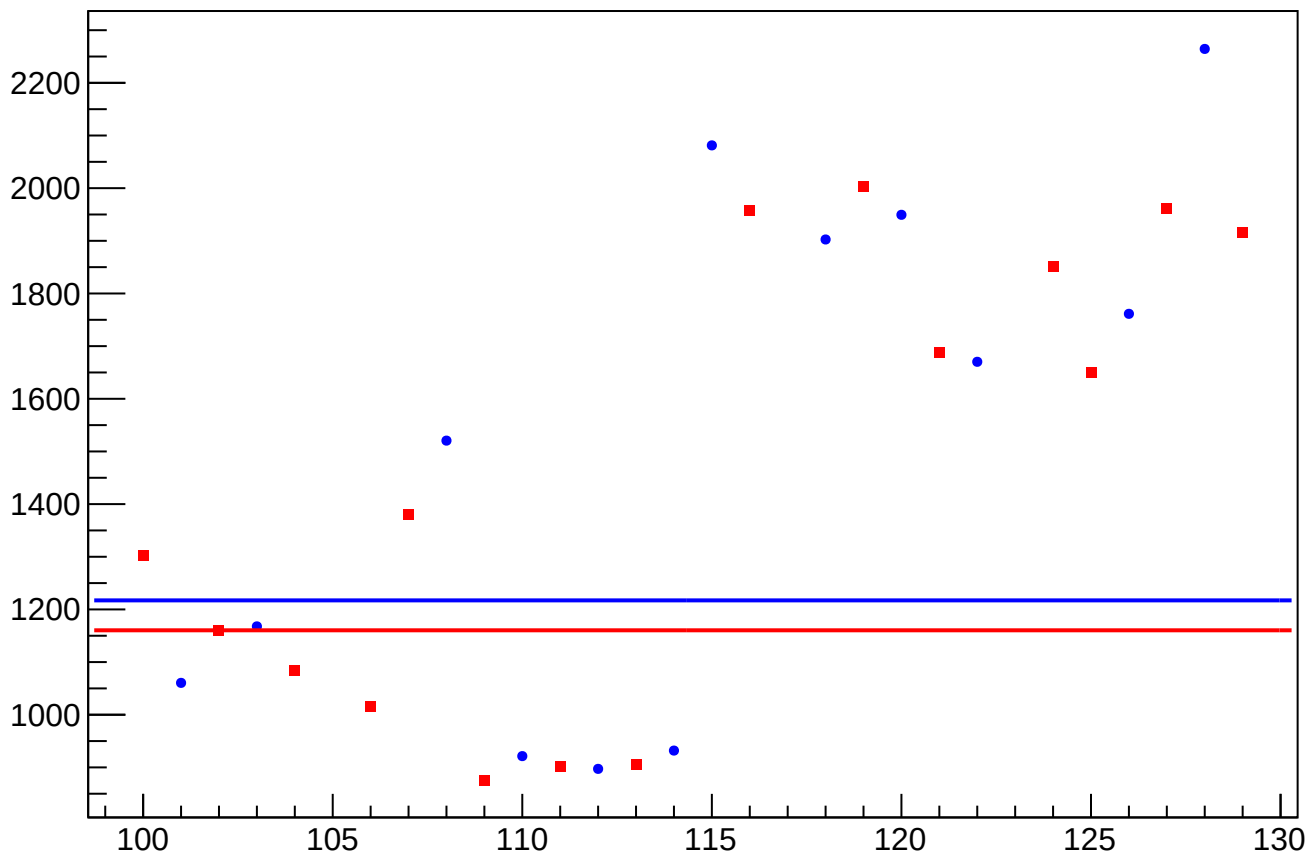
Right: 791.459+/-378.169 χ^2/NDF : 26.6/26

In: 299.173+/-574.428 χ^2/NDF : 12.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 791.459+/-378.169 χ^2/NDF : 26.6/26

asym_sam_48_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1217.174+/-0.406 χ^2/NDF : 909048.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

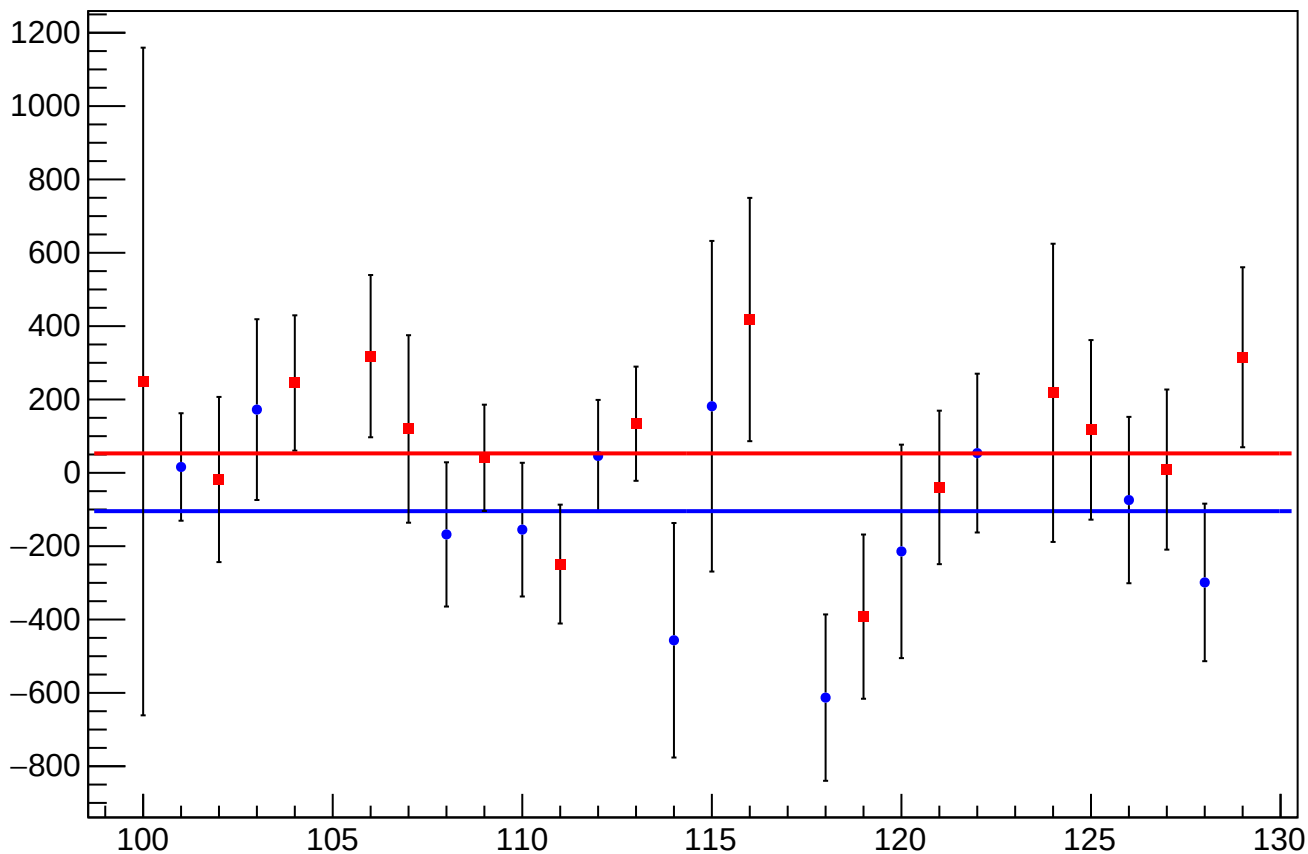
Right: 1184.979+/-0.267 χ^2/NDF : 1968391.3/26

In: 1217.174+/-0.406 χ^2/NDF : 909048.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1184.979+/-0.267 χ^2/NDF : 1968391.3/26

cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -104.499+/-60.836 χ^2/NDF : 11.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

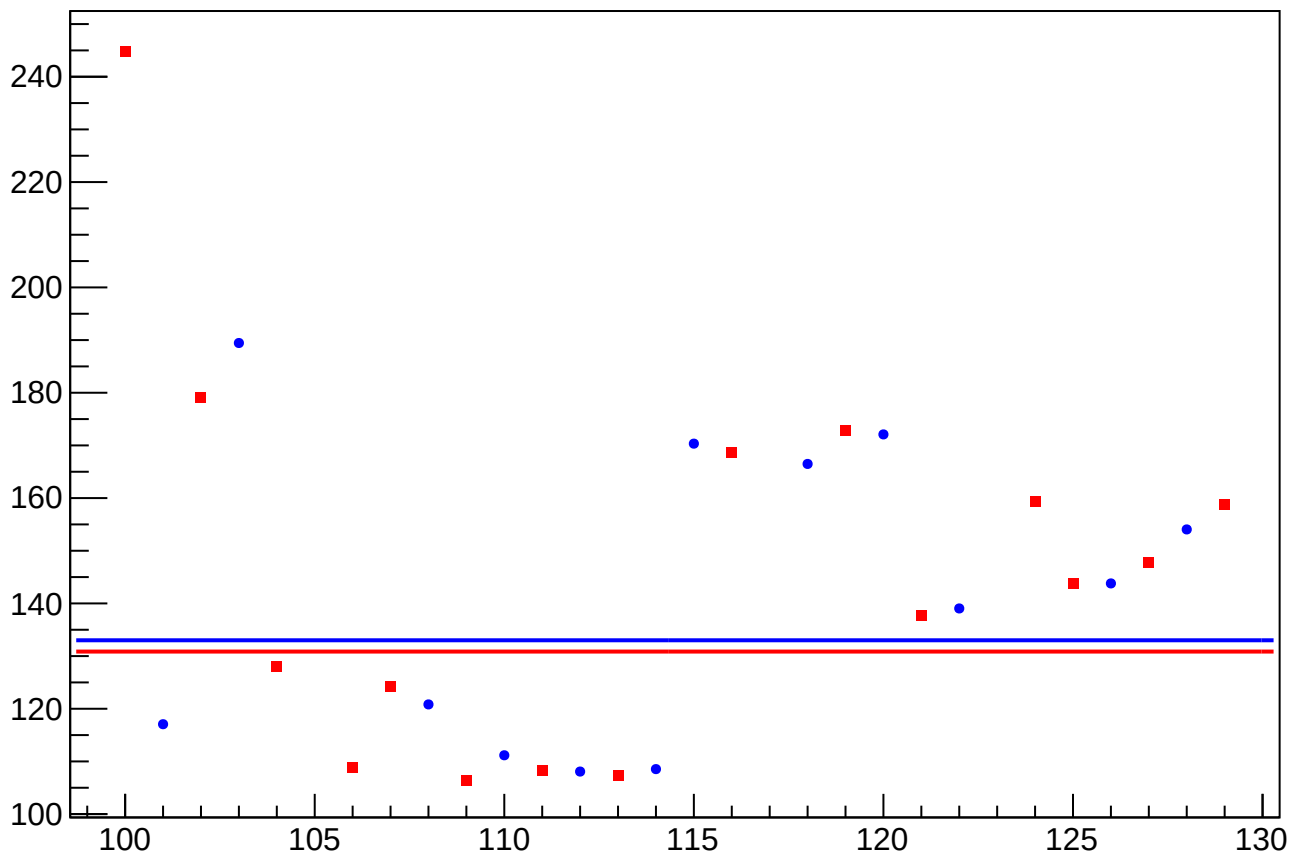
Right: -18.482+/-40.984 χ^2/NDF : 28.2/26

In: -104.499+/-60.836 χ^2/NDF : 11.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.482+/-40.984 χ^2/NDF : 28.2/26

cor_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 133.001 $\pm$ 0.043 χ^2 /NDF: 348511.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 130.859 $\pm$ 0.039 χ^2 /NDF: 437570.0/14

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

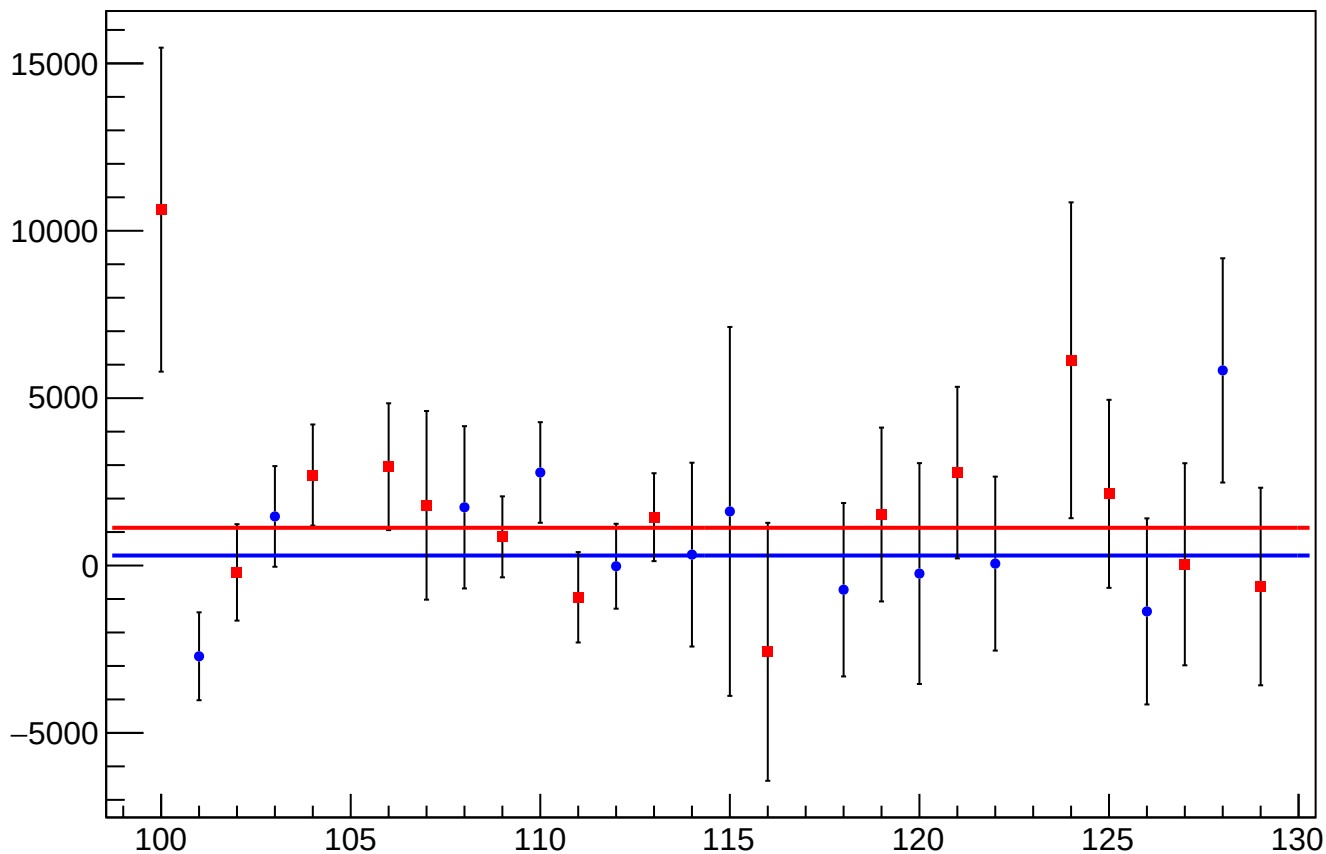
Right: 131.831 $\pm$ 0.029 χ^2 /NDF: 787436.7/26

In: 133.001 $\pm$ 0.043 χ^2 /NDF:348511.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 131.831 $\pm$ 0.029 χ^2 /NDF: 787436.7/26

asym_sam_48_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 299.087 $\pm$ 574.435 χ^2 /NDF: 12.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1127.592 $\pm$ 503.544 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

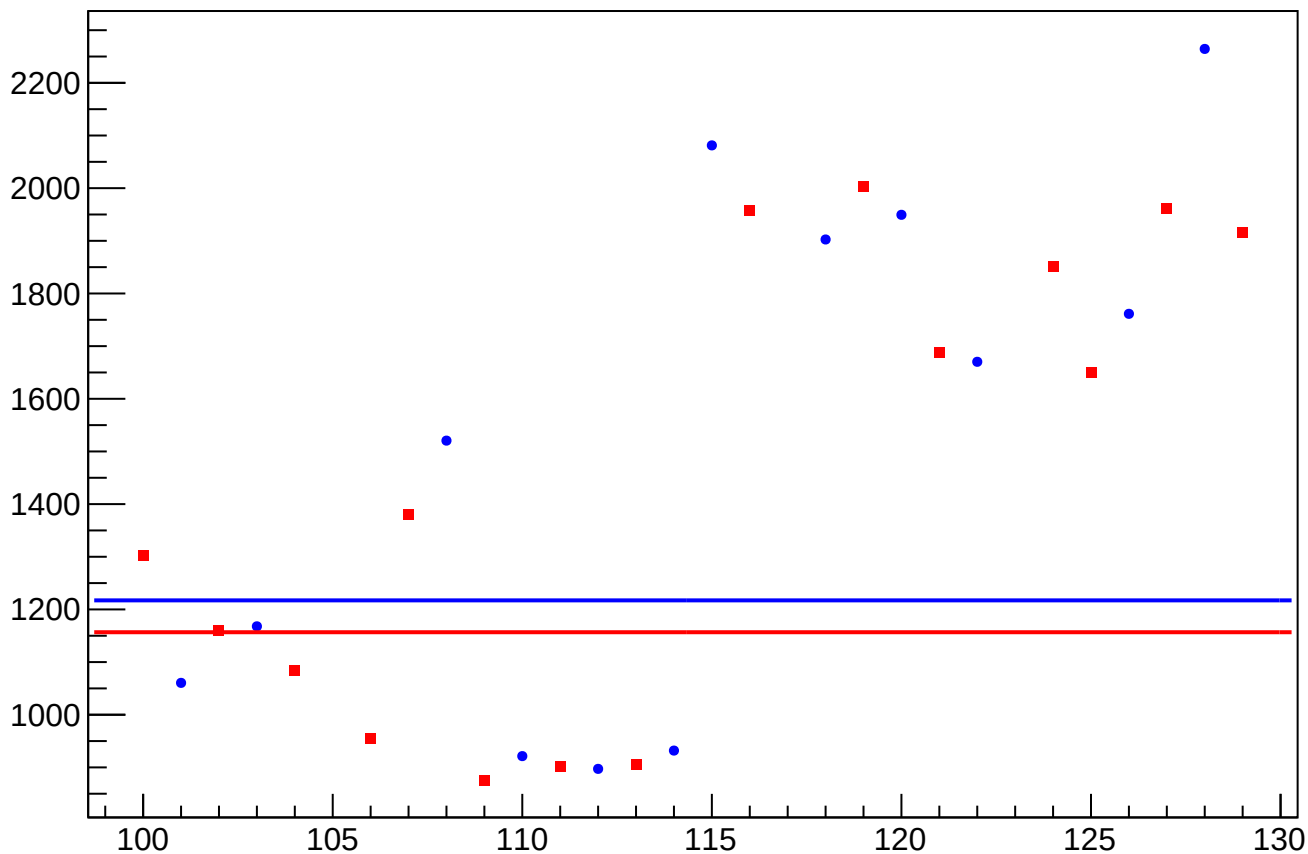
Right: 767.590 $\pm$ 378.657 χ^2 /NDF: 25.9/26

In: 299.087 $\pm$ 574.435 χ^2 /NDF:12.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 767.590 $\pm$ 378.657 χ^2 /NDF: 25.9/26

asym_sam_48_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1217.191+/-0.406 χ^2/NDF : 909038.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

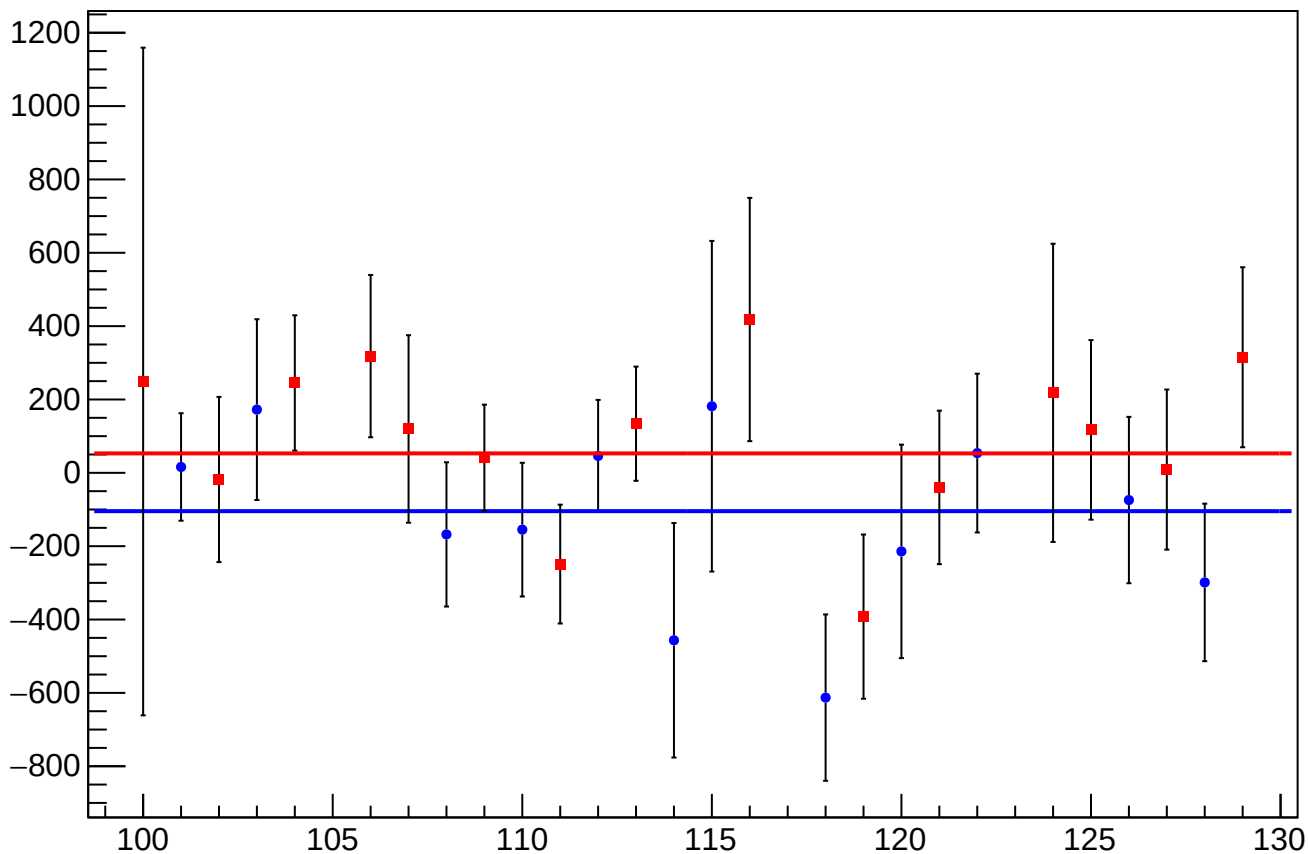
Right: 1182.980+/-0.268 χ^2/NDF : 1981095.6/26

In: 1217.191+/-0.406 χ^2/NDF : 909038.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1182.980+/-0.268 χ^2/NDF : 1981095.6/26

eigen_cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -104.499+/-60.836 χ^2/NDF : 11.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

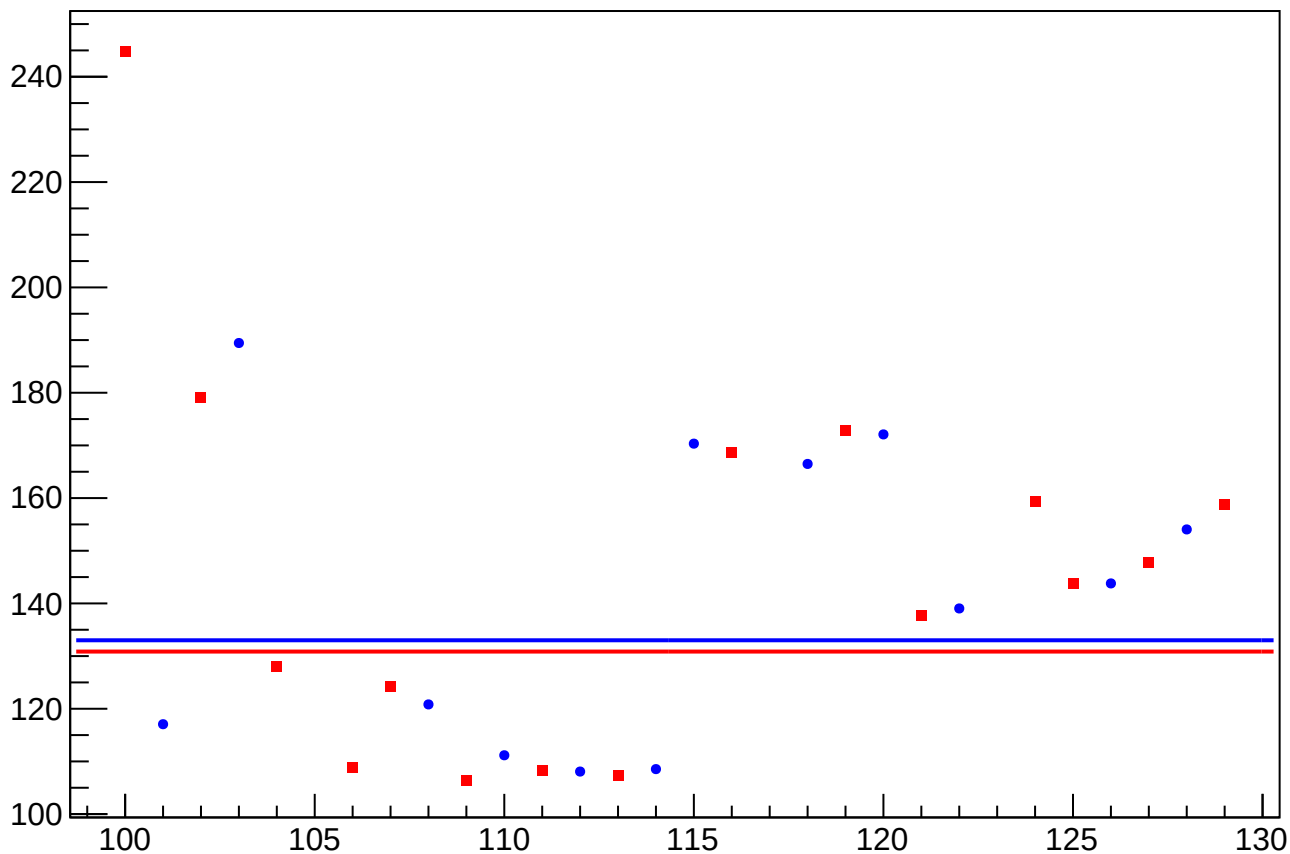
Right: -18.482+/-40.984 χ^2/NDF : 28.2/26

In: -104.499+/-60.836 χ^2/NDF : 11.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.482+/-40.984 χ^2/NDF : 28.2/26

eigen_cor_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 133.001+/-0.043 χ^2/NDF : 348511.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

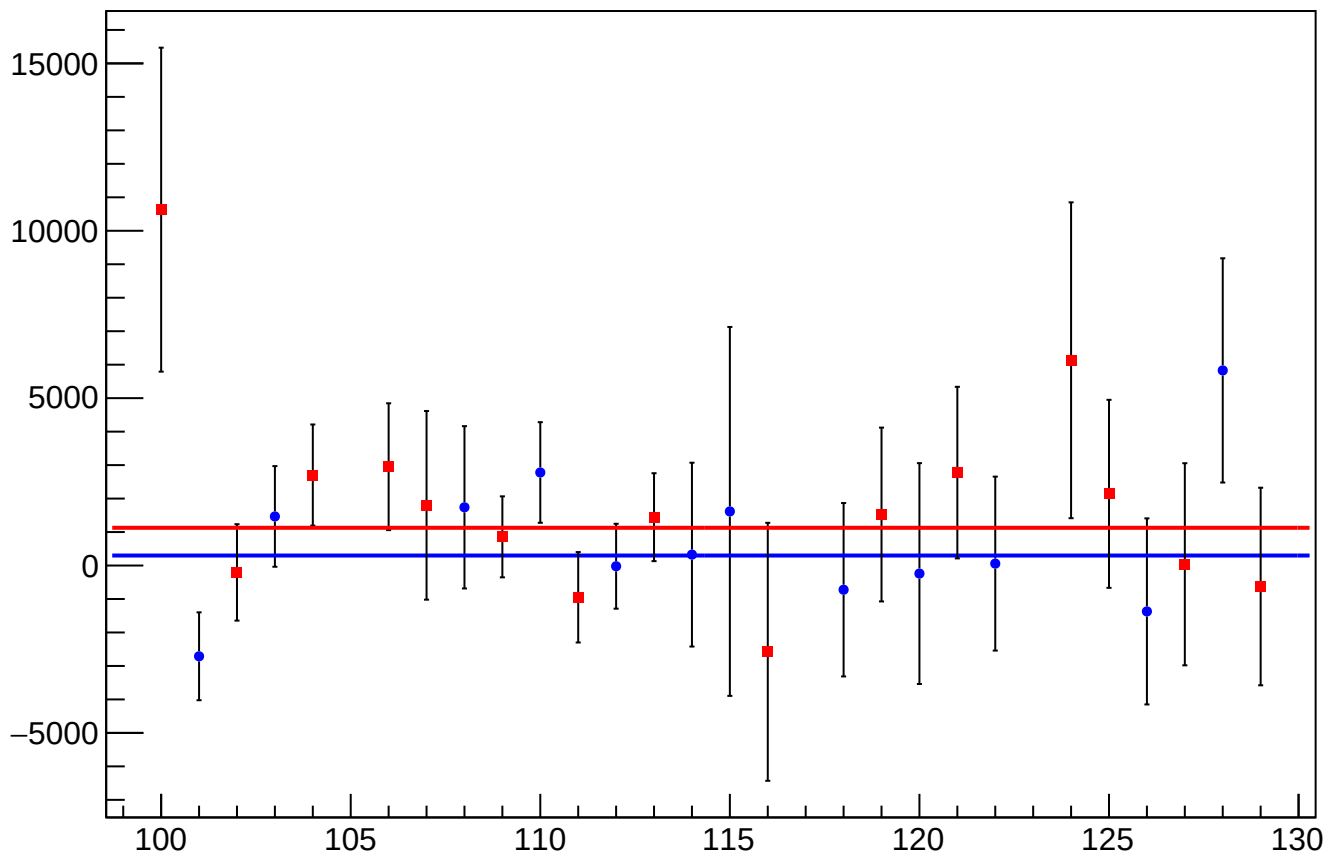
Right: 131.831+/-0.029 χ^2/NDF : 787436.7/26

In: 133.001+/-0.043 χ^2/NDF : 348511.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.831+/-0.029 χ^2/NDF : 787436.7/26

asym_sam_48_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 299.087+/-574.435 χ^2/NDF : 12.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

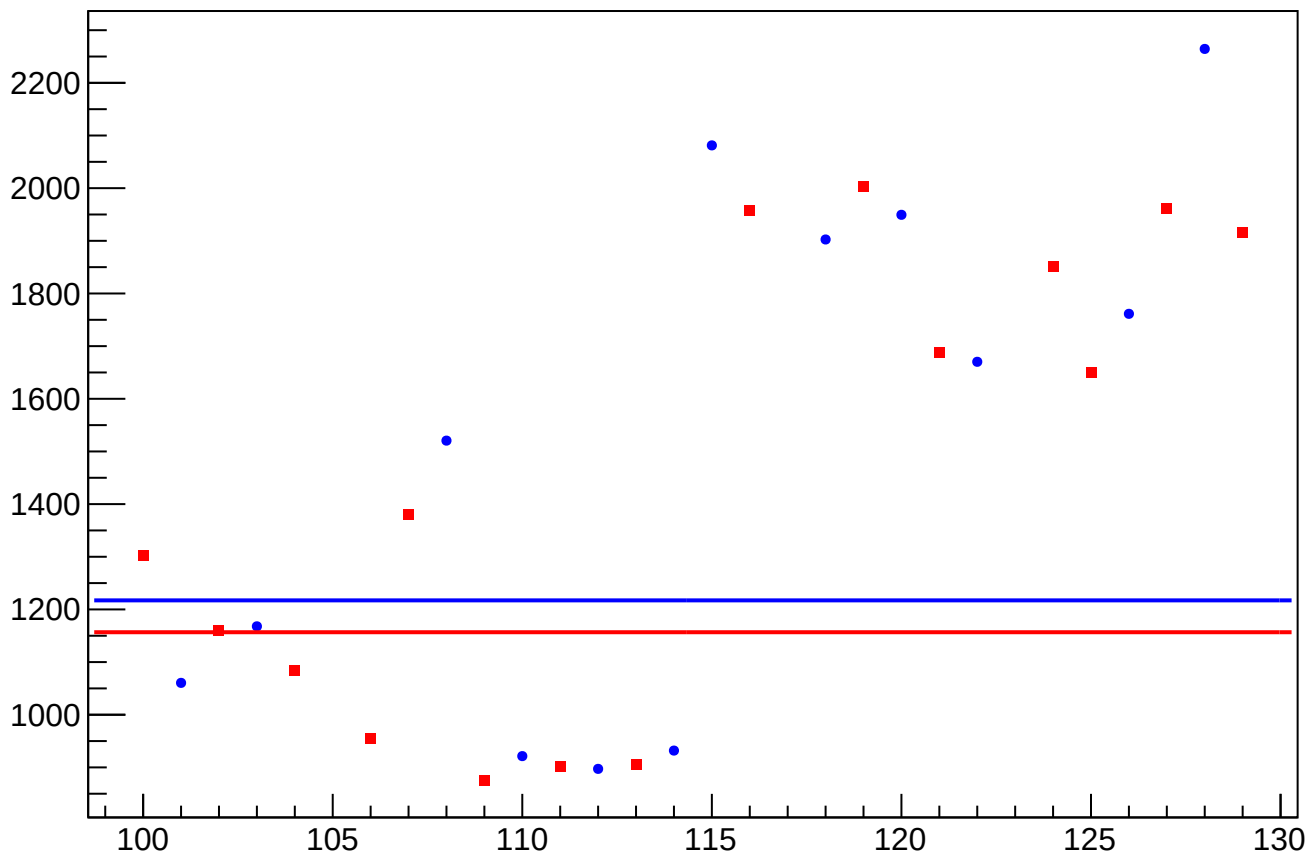
Right: 767.590+/-378.657 χ^2/NDF : 25.9/26

In: 299.087+/-574.435 χ^2/NDF : 12.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 767.590+/-378.657 χ^2/NDF : 25.9/26

asym_sam_48_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1217.191+/-0.406 χ^2/NDF : 909038.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

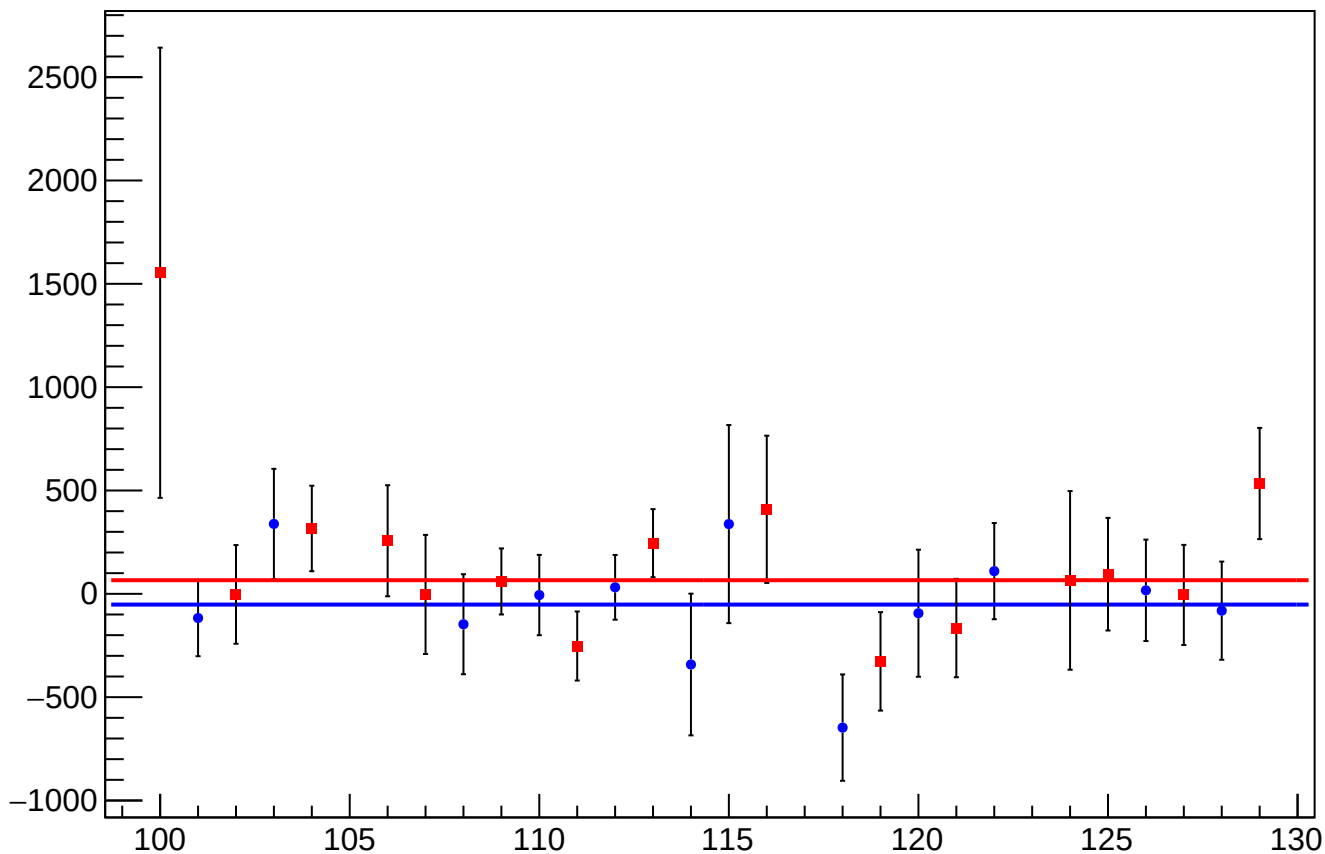
Right: 1182.980+/-0.268 χ^2/NDF : 1981095.6/26

In: 1217.191+/-0.406 χ^2/NDF : 909038.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1182.980+/-0.268 χ^2/NDF : 1981095.6/26

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -52.001 ± 67.565 χ^2/NDF : 10.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 65.877 ± 60.598 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

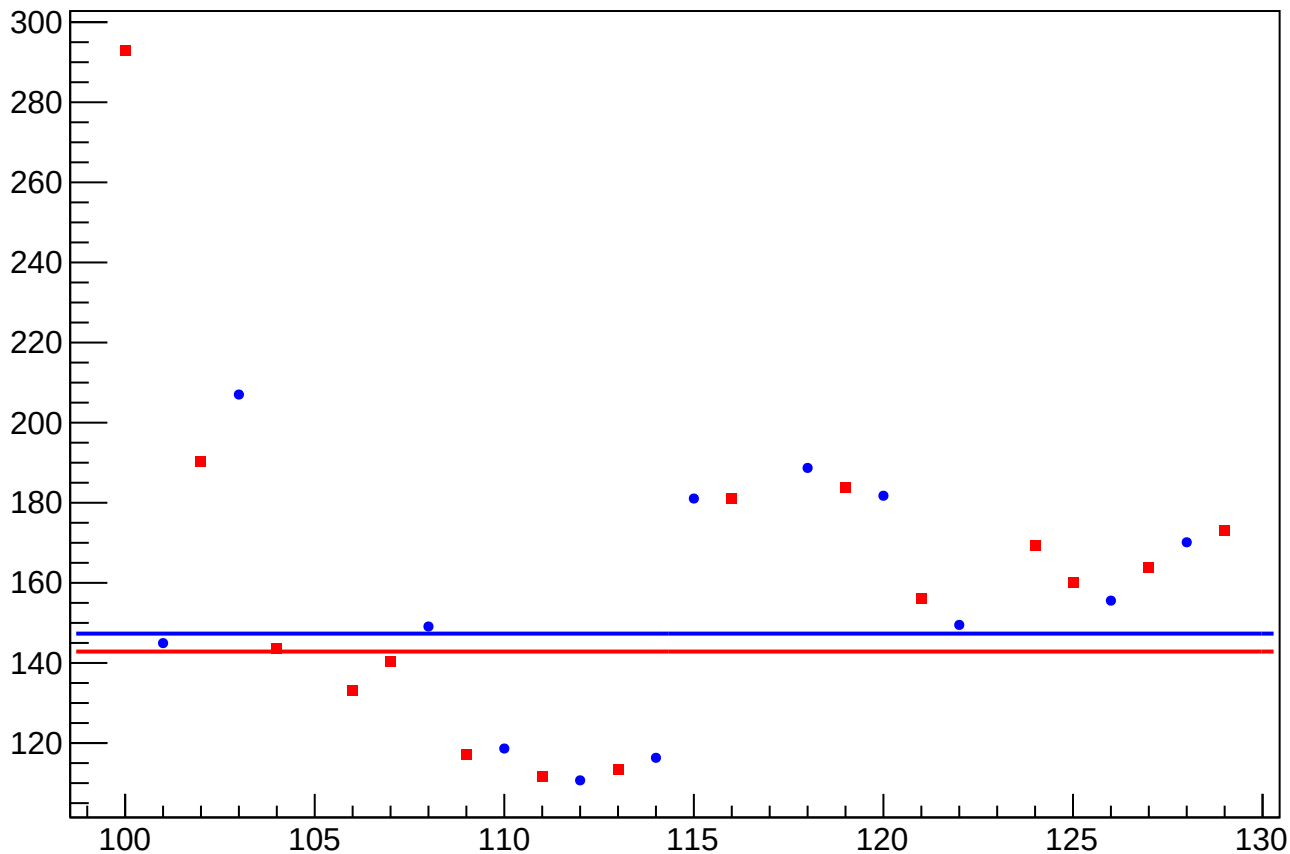
Right: 13.327 ± 45.112 χ^2/NDF : 28.3/26

In: -52.001 ± 67.565 χ^2/NDF : 10.1/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 13.327 ± 45.112 χ^2/NDF : 28.3/26

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 147.329+/-0.048 χ^2/NDF : 377776.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.849+/-0.043 χ^2/NDF : 449701.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

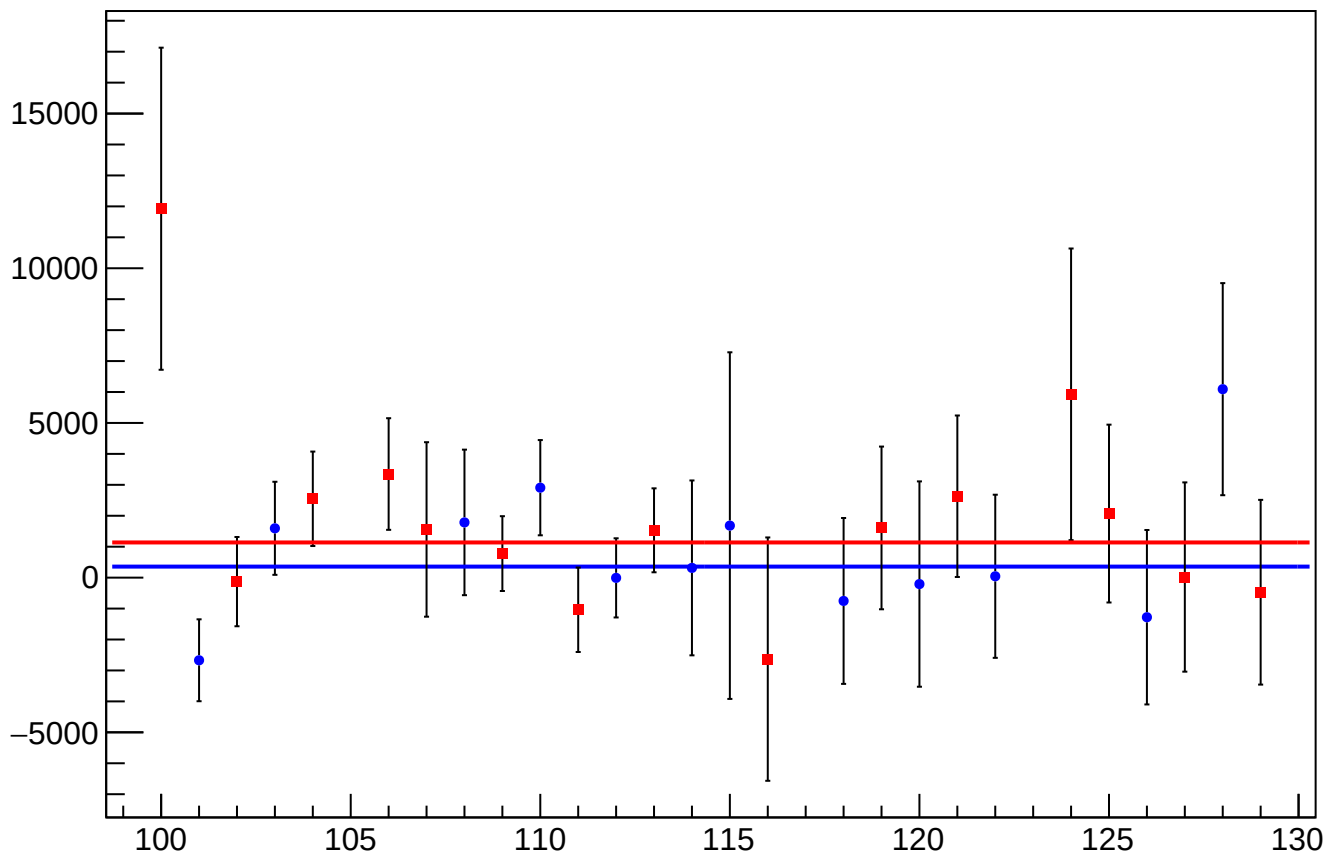
Right: 144.846+/-0.032 χ^2/NDF : 832351.4/26

In: 147.329+/-0.048 χ^2/NDF : 377776.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.846+/-0.032 χ^2/NDF : 832351.4/26

asym_sam_48_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 356.710+/-580.426 χ^2/NDF : 12.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

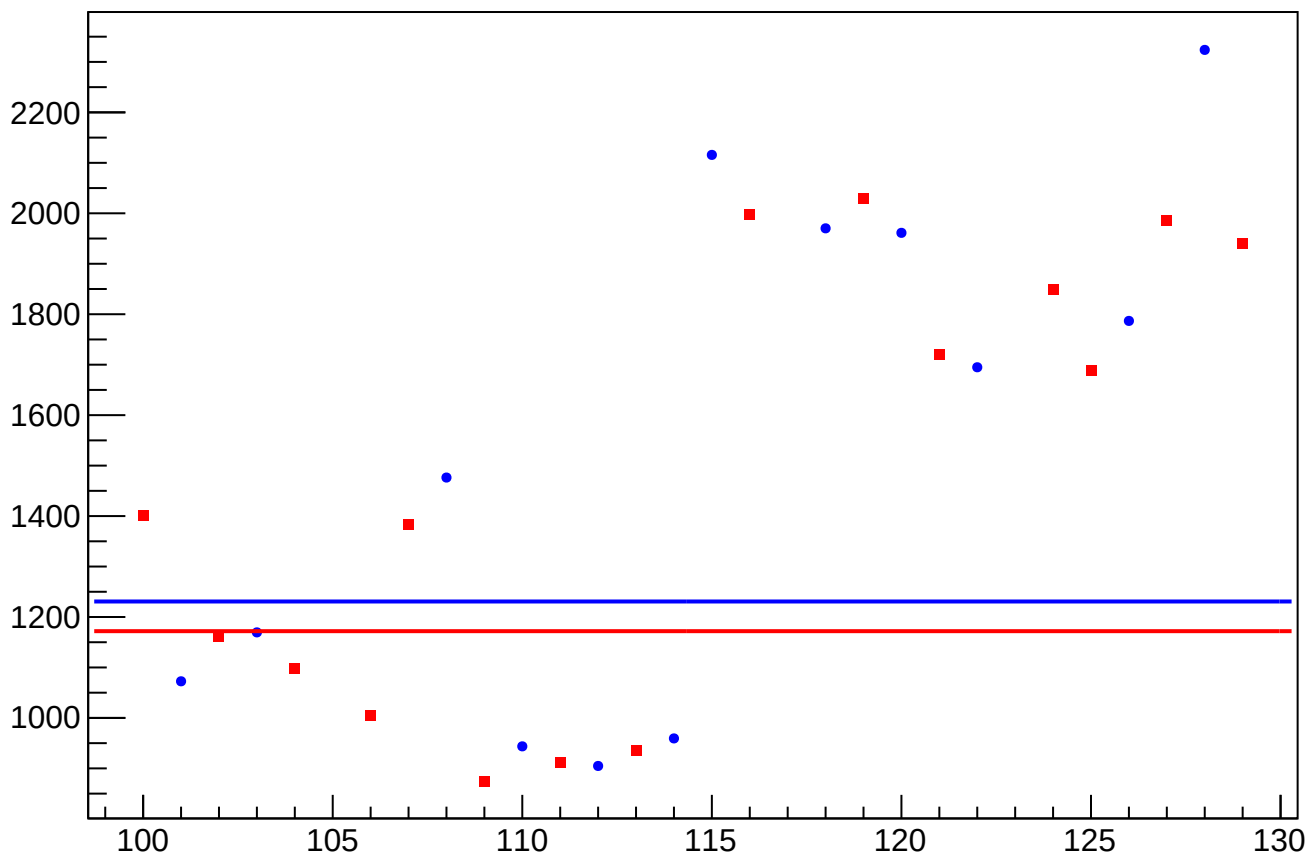
Right: 799.147+/-381.996 χ^2/NDF : 26.5/26

In: 356.710+/-580.426 χ^2/NDF : 12.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 799.147+/-381.996 χ^2/NDF : 26.5/26

asym_sam_48_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1230.742+/-0.410 χ^2/NDF : 913602.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

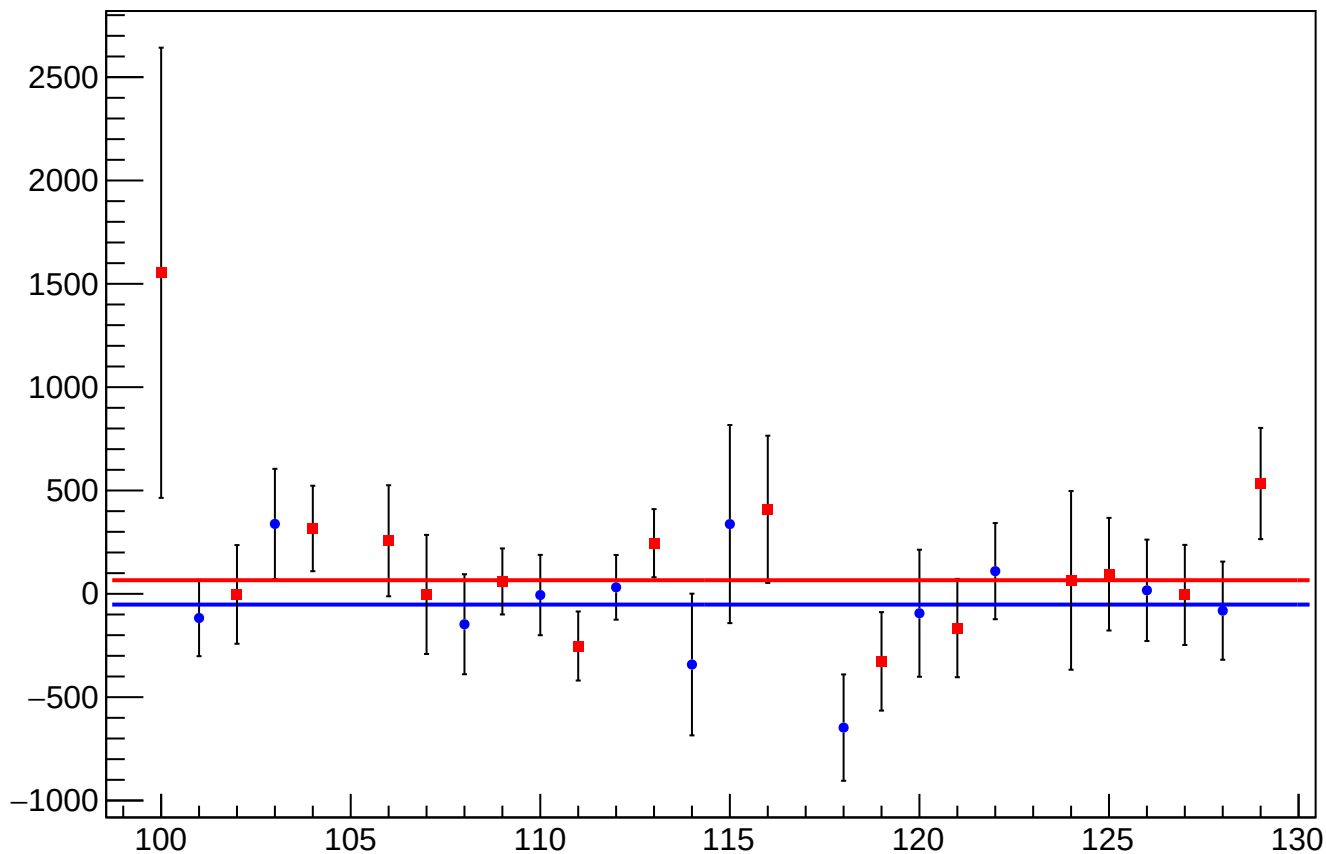
Right: 1197.404+/-0.270 χ^2/NDF : 1985252.7/26

In: 1230.742+/-0.410 χ^2/NDF : 913602.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1197.404+/-0.270 χ^2/NDF : 1985252.7/26

eigen_dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -52.002 $\pm$ 67.565 χ^2 /NDF: 10.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 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

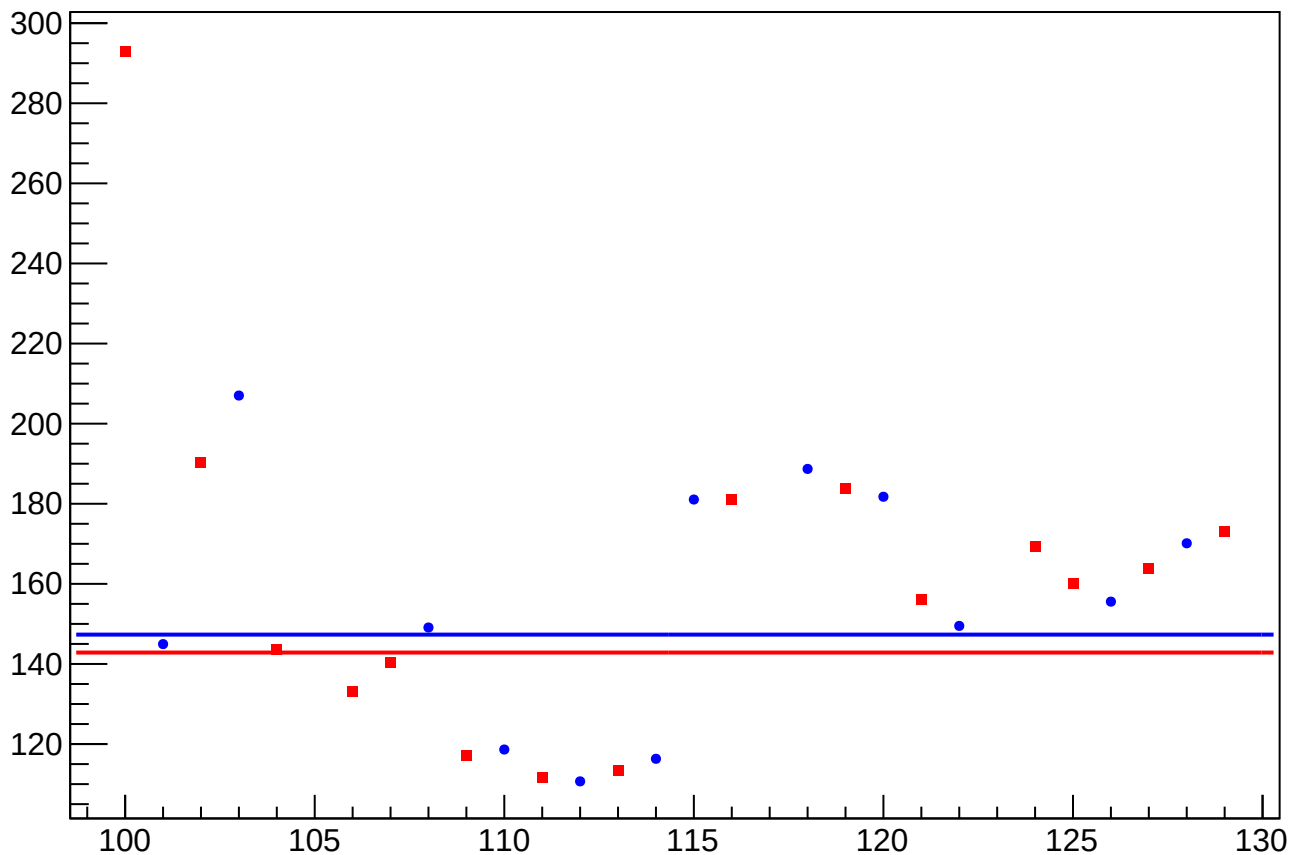
Right: 13.326 $\pm$ 45.112 χ^2 /NDF: 28.3/26

In: -52.002 $\pm$ 67.565 χ^2 /NDF:10.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 13.326 $\pm$ 45.112 χ^2 /NDF: 28.3/26

eigen_dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 147.329+/-0.048 χ^2/NDF : 377779.7/11

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

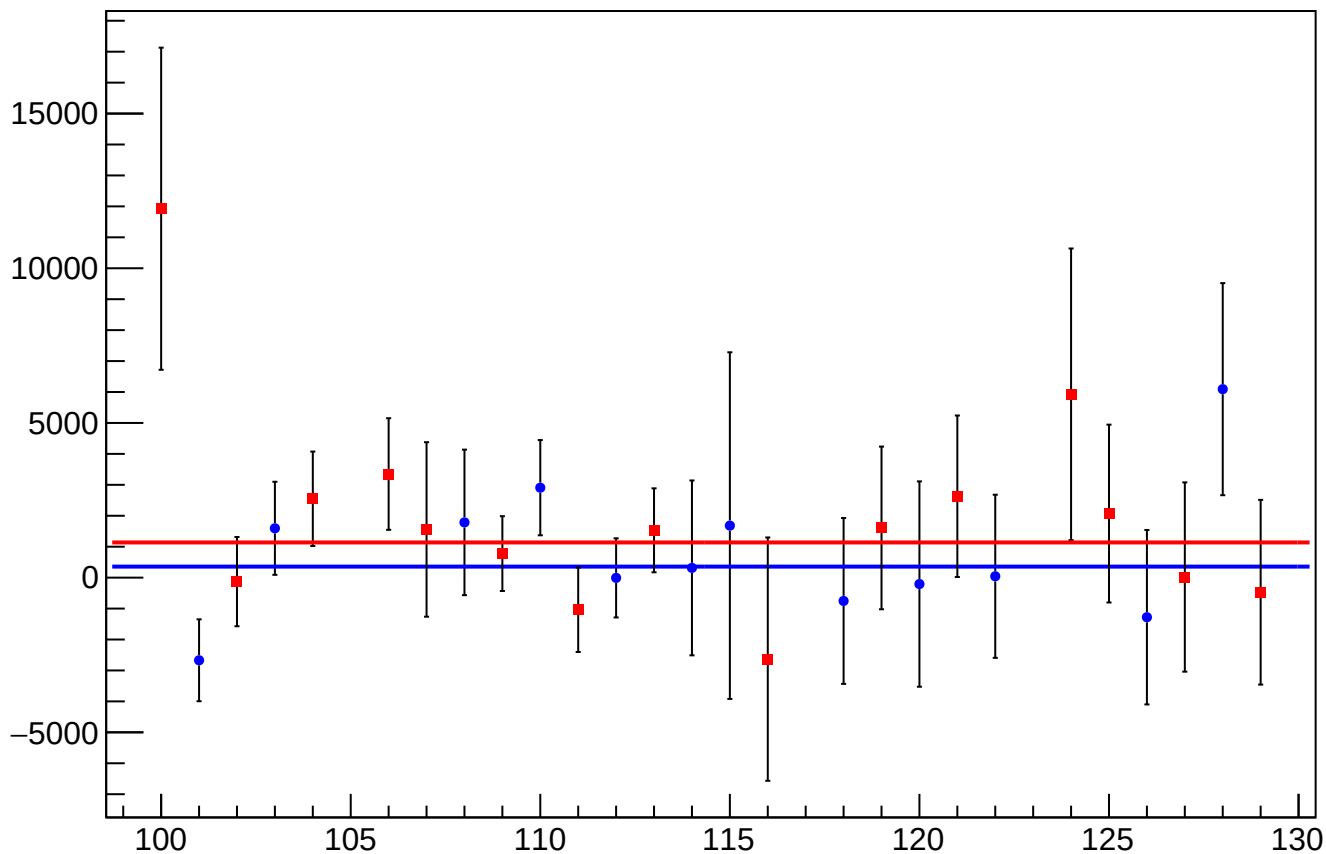
Right: 144.846+/-0.032 χ^2/NDF : 832355.7/26

In: 147.329+/-0.048 χ^2/NDF : 377779.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.846+/-0.032 χ^2/NDF : 832355.7/26

asym_sam_48_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 356.709+/-580.425 χ^2/NDF : 12.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

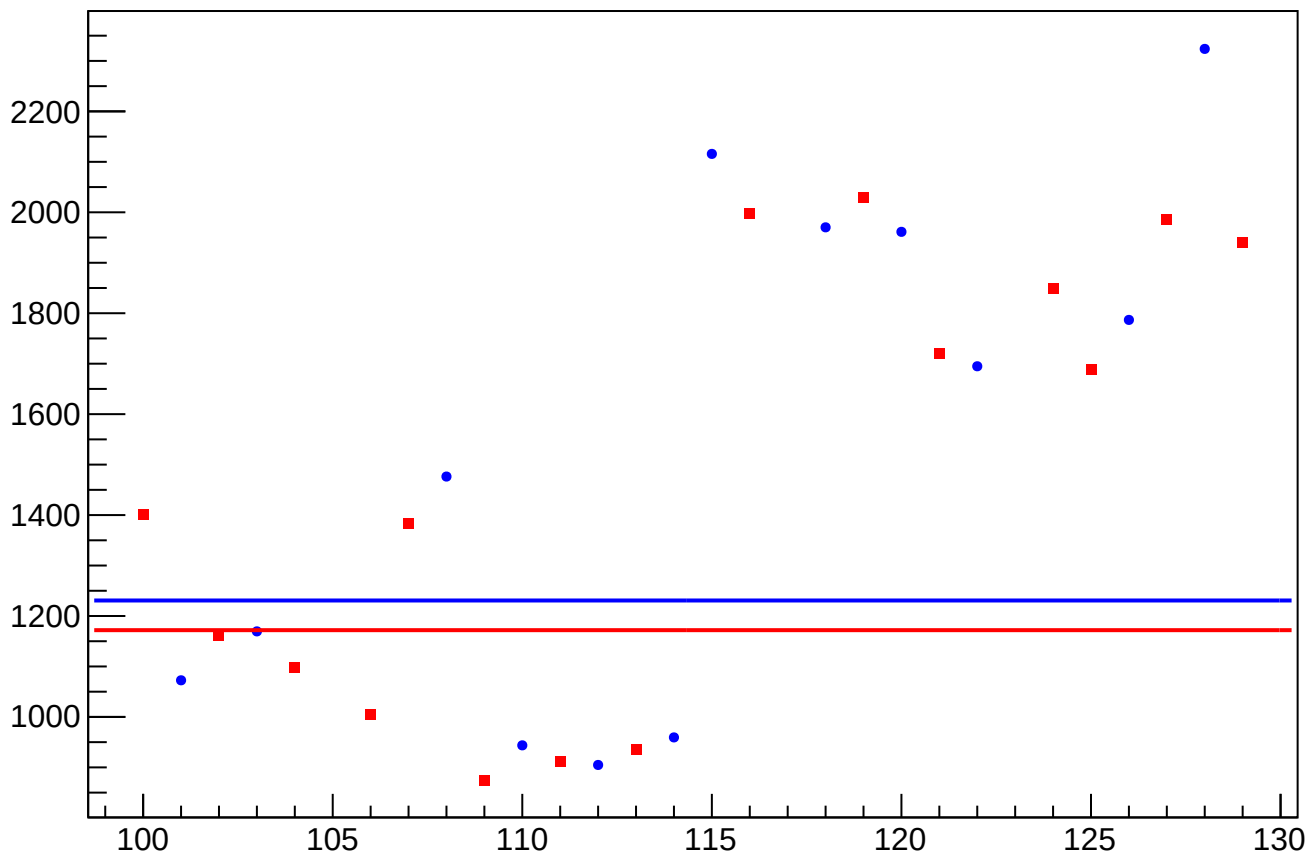
Right: 799.146+/-381.995 χ^2/NDF : 26.5/26

In: 356.709+/-580.425 χ^2/NDF : 12.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 799.146+/-381.995 χ^2/NDF : 26.5/26

asym_sam_48_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1230.740+/-0.410 χ^2/NDF : 913605.5/11

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

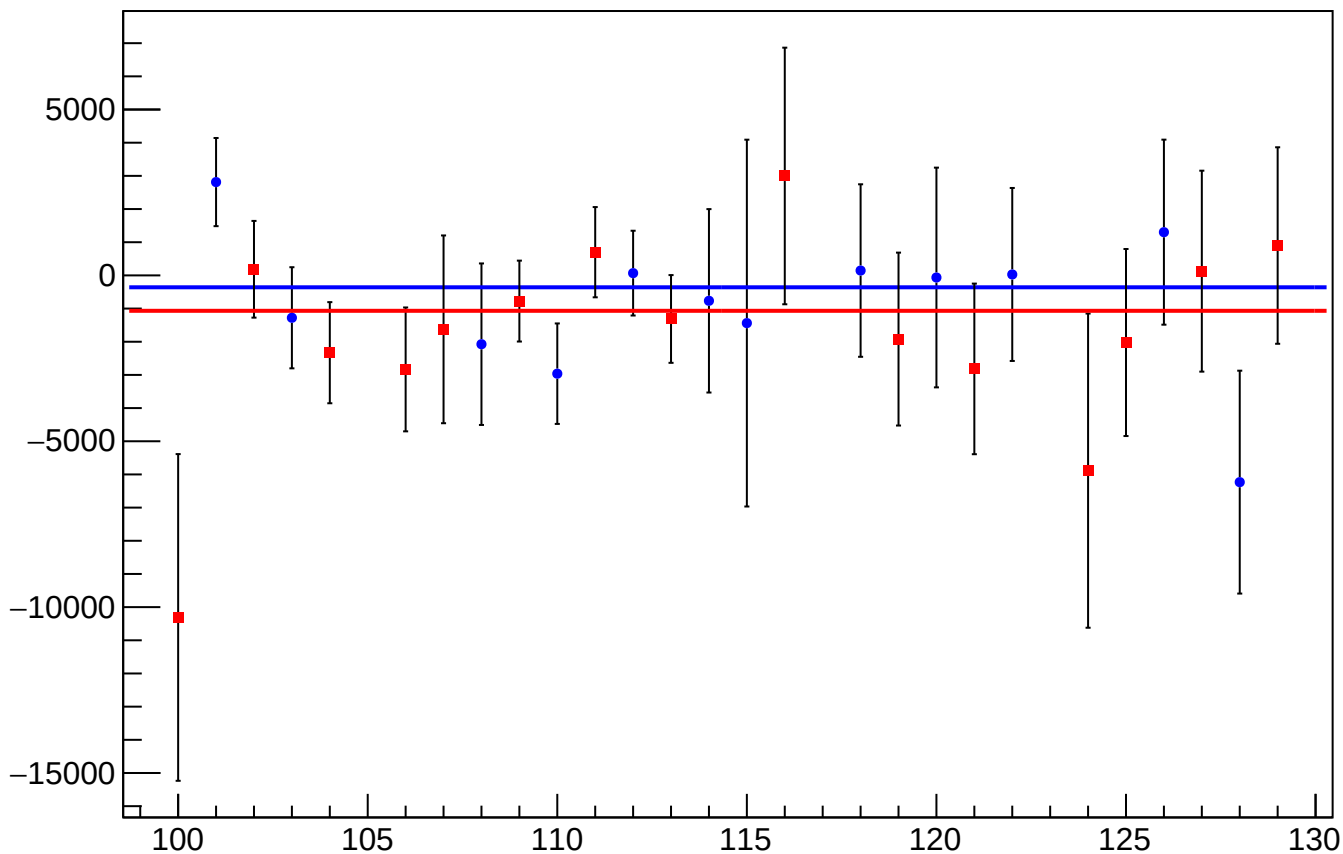
Right: 1197.402+/-0.270 χ^2/NDF : 1985259.3/26

In: 1230.740+/-0.410 χ^2/NDF : 913605.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1197.402+/-0.270 χ^2/NDF : 1985259.3/26

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -358.666+/-579.189 χ^2/NDF : 13.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

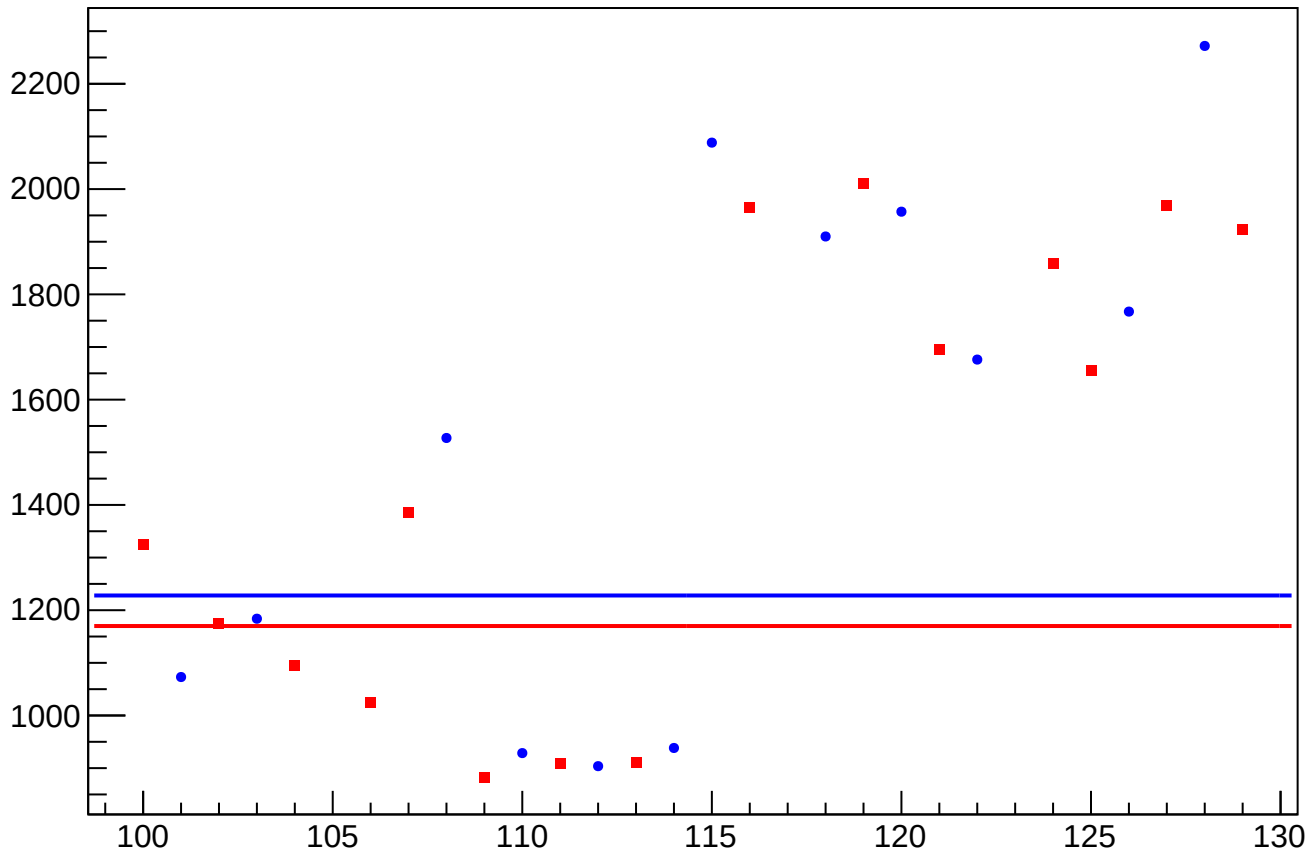
Right: -760.300+/-381.290 χ^2/NDF : 25.1/26

In: -358.666+/-579.189 χ^2/NDF : 13.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -760.300+/-381.290 χ^2/NDF : 25.1/26

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1227.964+/-0.410 χ^2/NDF : 897988.7/11

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

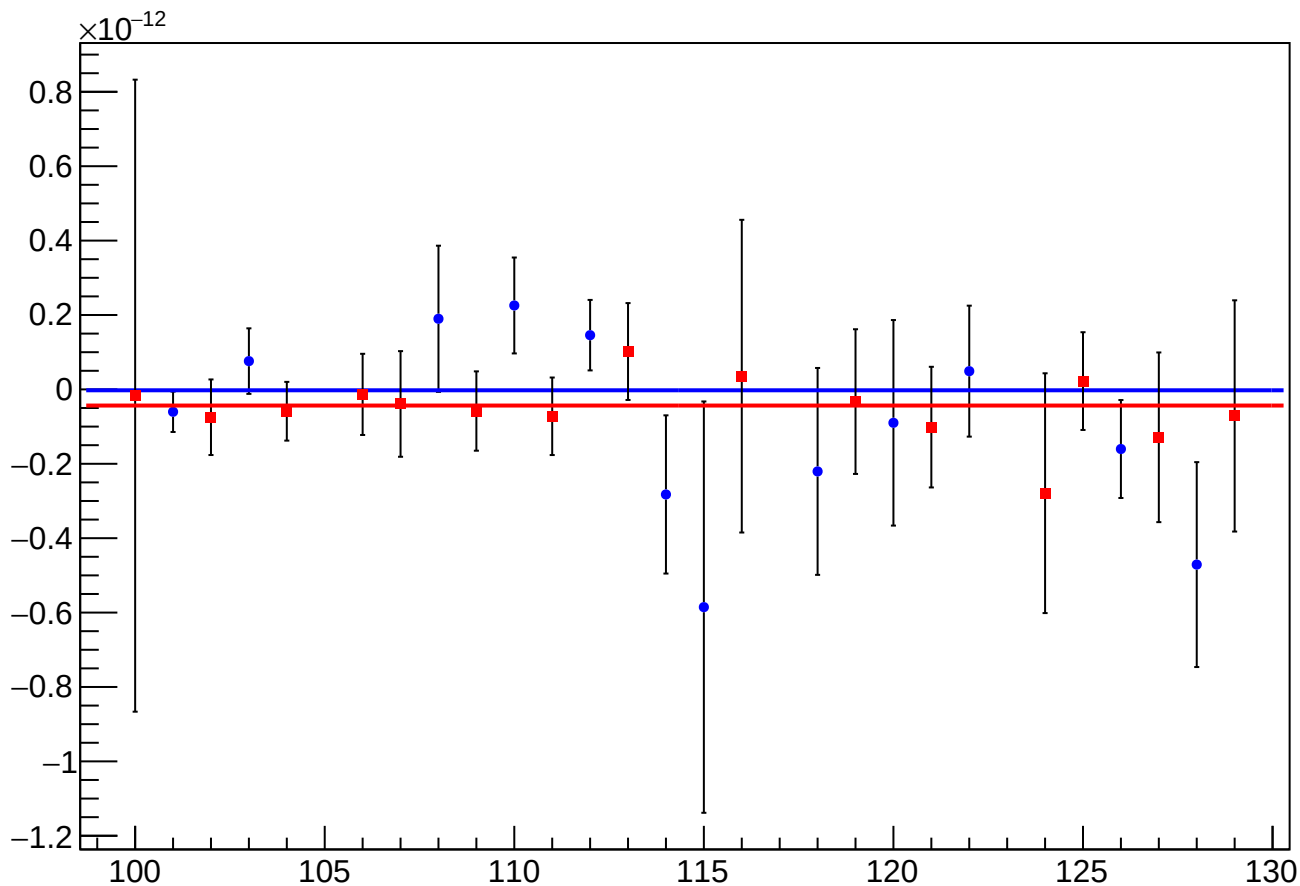
Right: 1195.093+/-0.270 χ^2/NDF : 1947561.6/26

In: 1227.964+/-0.410 χ^2/NDF : 897988.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1195.093+/-0.270 χ^2/NDF : 1947561.6/26

asym_sam_48_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 16.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

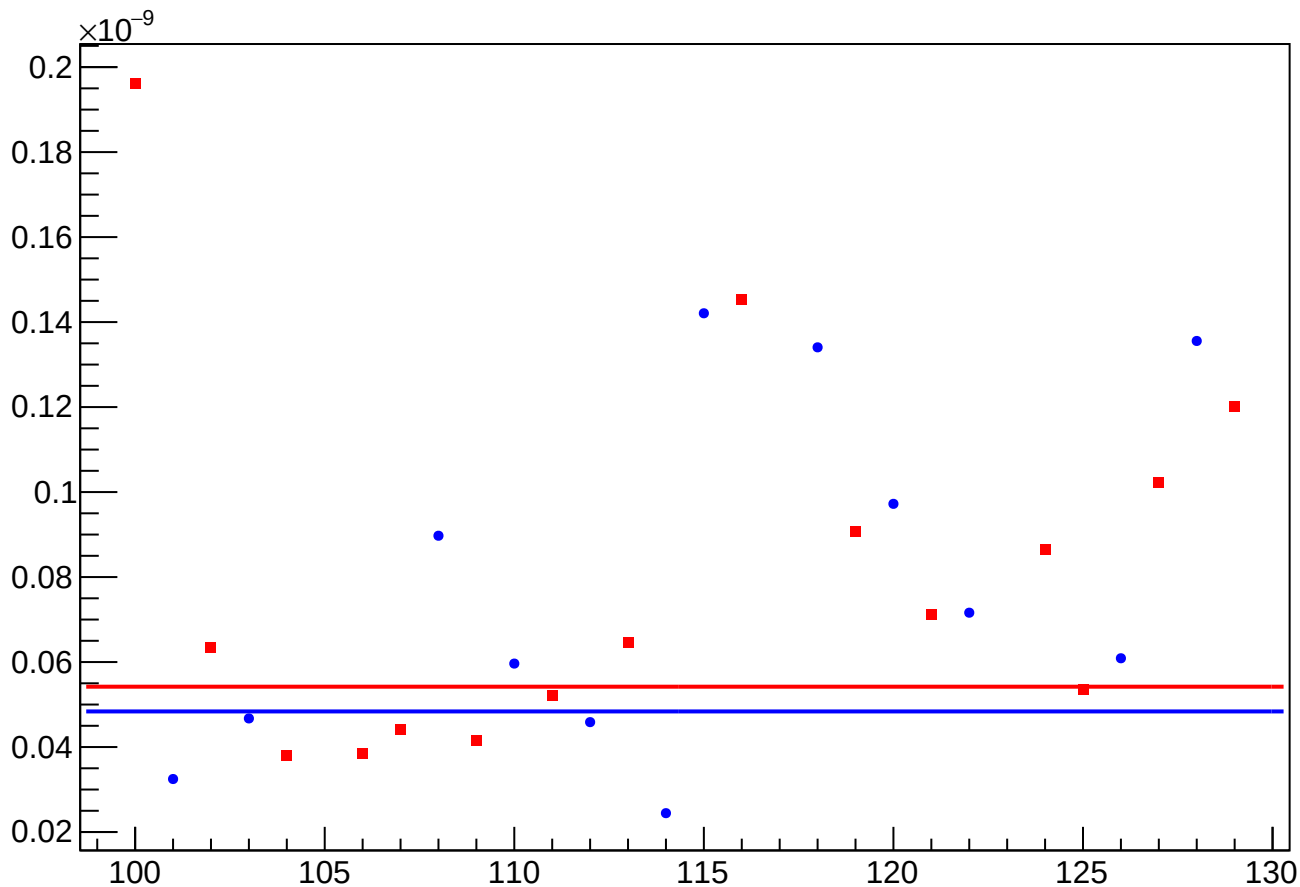
Right: -0.000+/-0.000 χ^2/NDF : 19.8/26

In: -0.000+/-0.000 χ^2/NDF : 16.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.8/26

asym_sam_48_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 866100.7/11

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

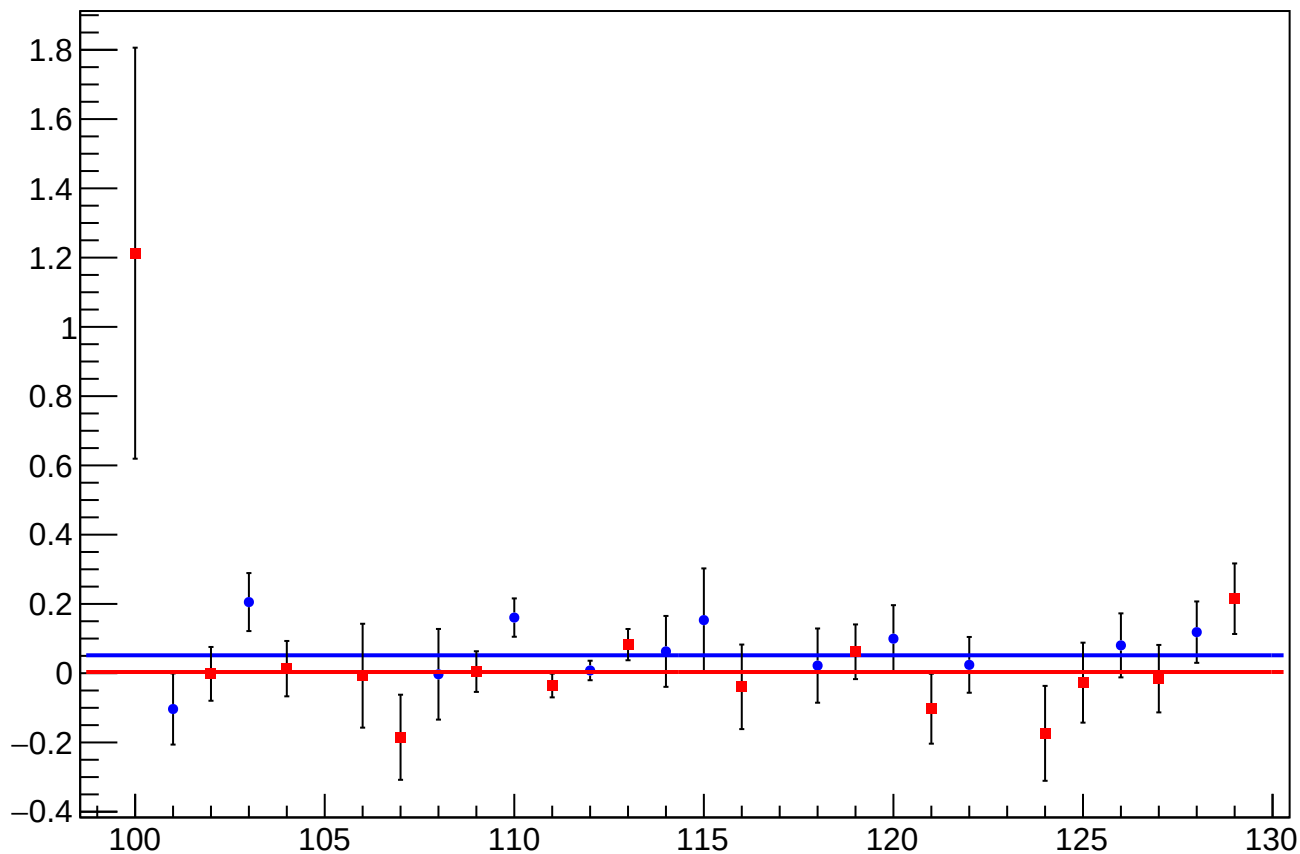
Right: 0.000+/-0.000 χ^2/NDF : 1528296.6/26

In: 0.000+/-0.000 χ^2/NDF :866100.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1528296.6/26

asym_sam_48_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.052 $\pm$ 0.020 χ^2 /NDF: 13.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.019 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

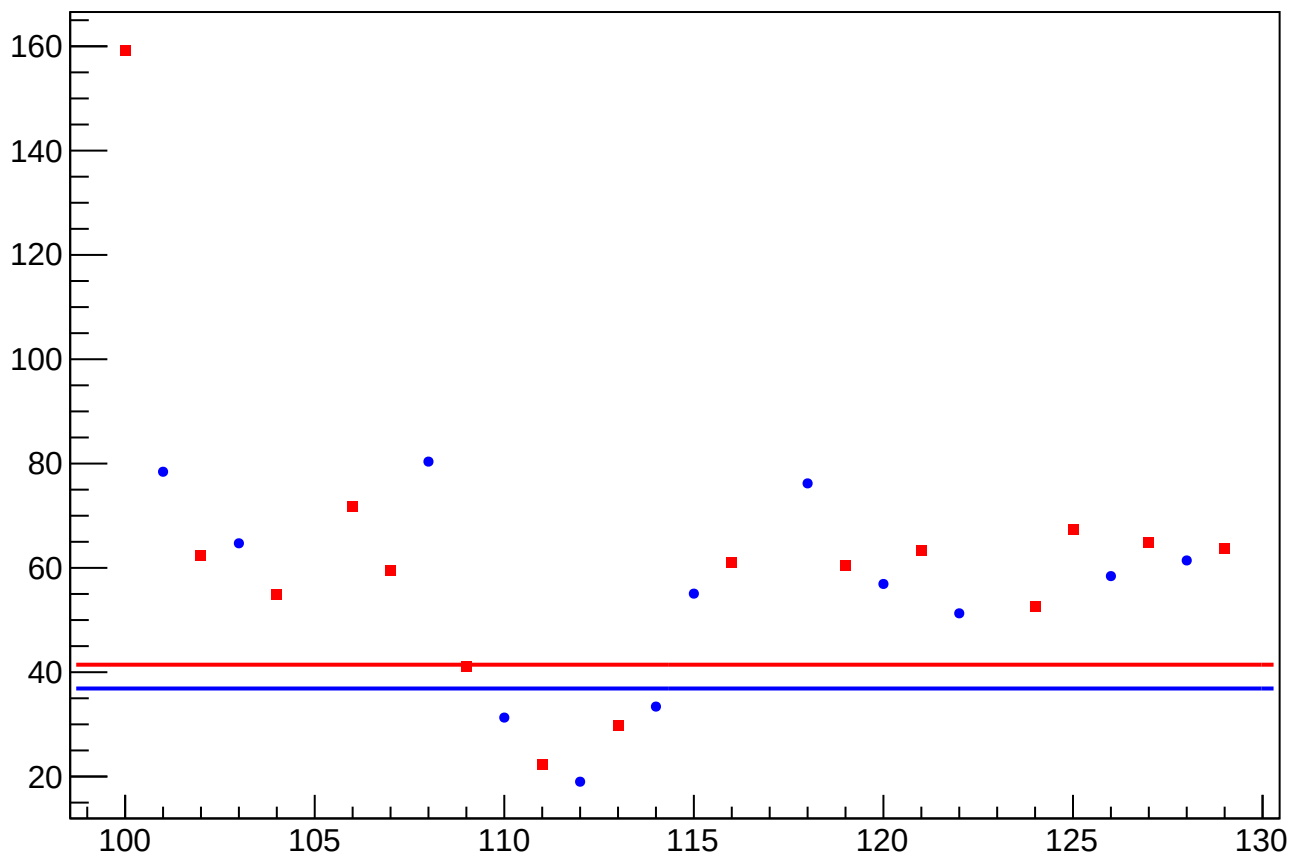
Right: 0.027 $\pm$ 0.014 χ^2 /NDF: 35.6/26

In: 0.052 $\pm$ 0.020 χ^2 /NDF:13.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.027 $\pm$ 0.014 χ^2 /NDF: 35.6/26

asym_sam_48_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.876+/-0.014 χ^2/NDF : 2308228.5/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

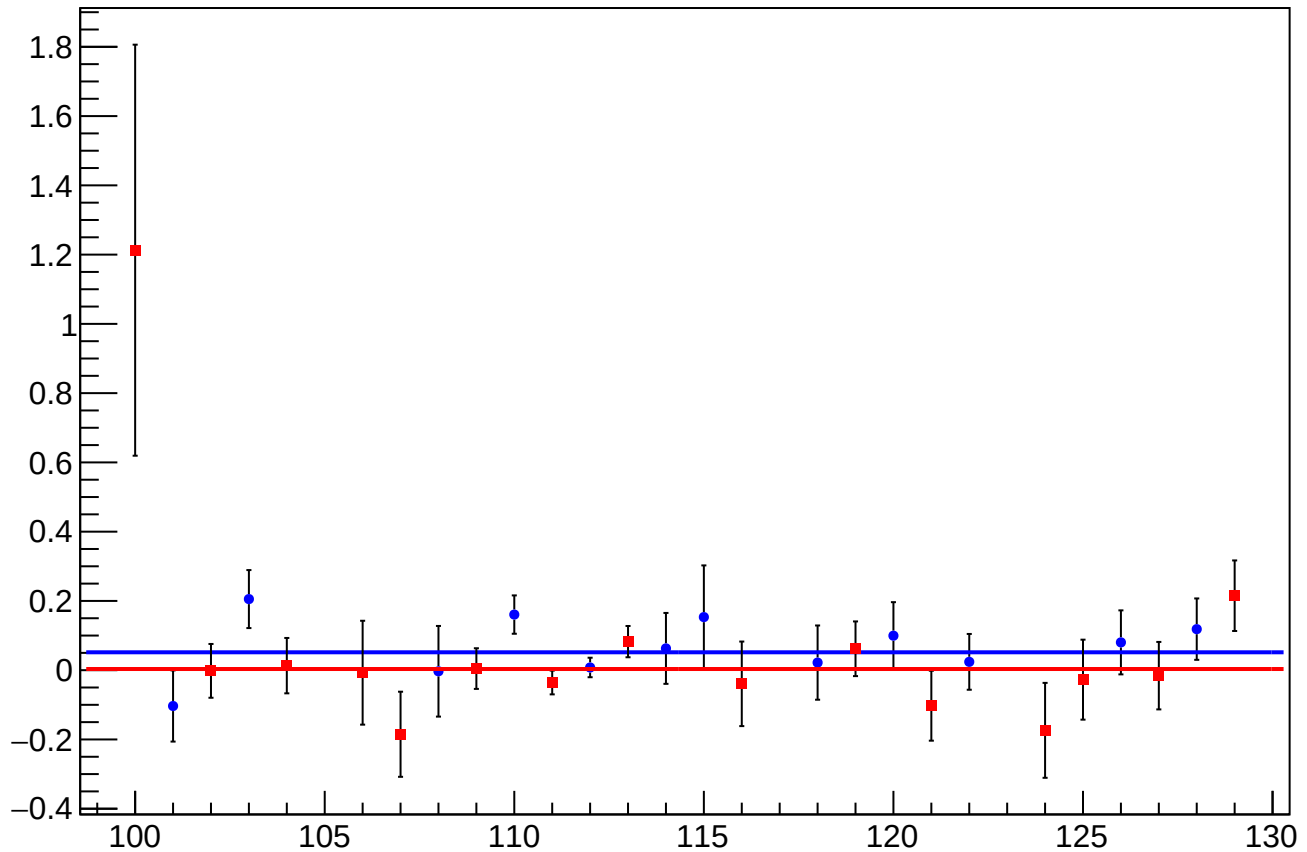
Right: 39.202+/-0.010 χ^2/NDF : 4115247.4/26

In: 36.876+/-0.014 χ^2/NDF :2308228.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 39.202+/-0.010 χ^2/NDF : 4115247.4/26

asym_sam_48_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.052+/-0.020 χ^2/NDF : 13.7/11

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

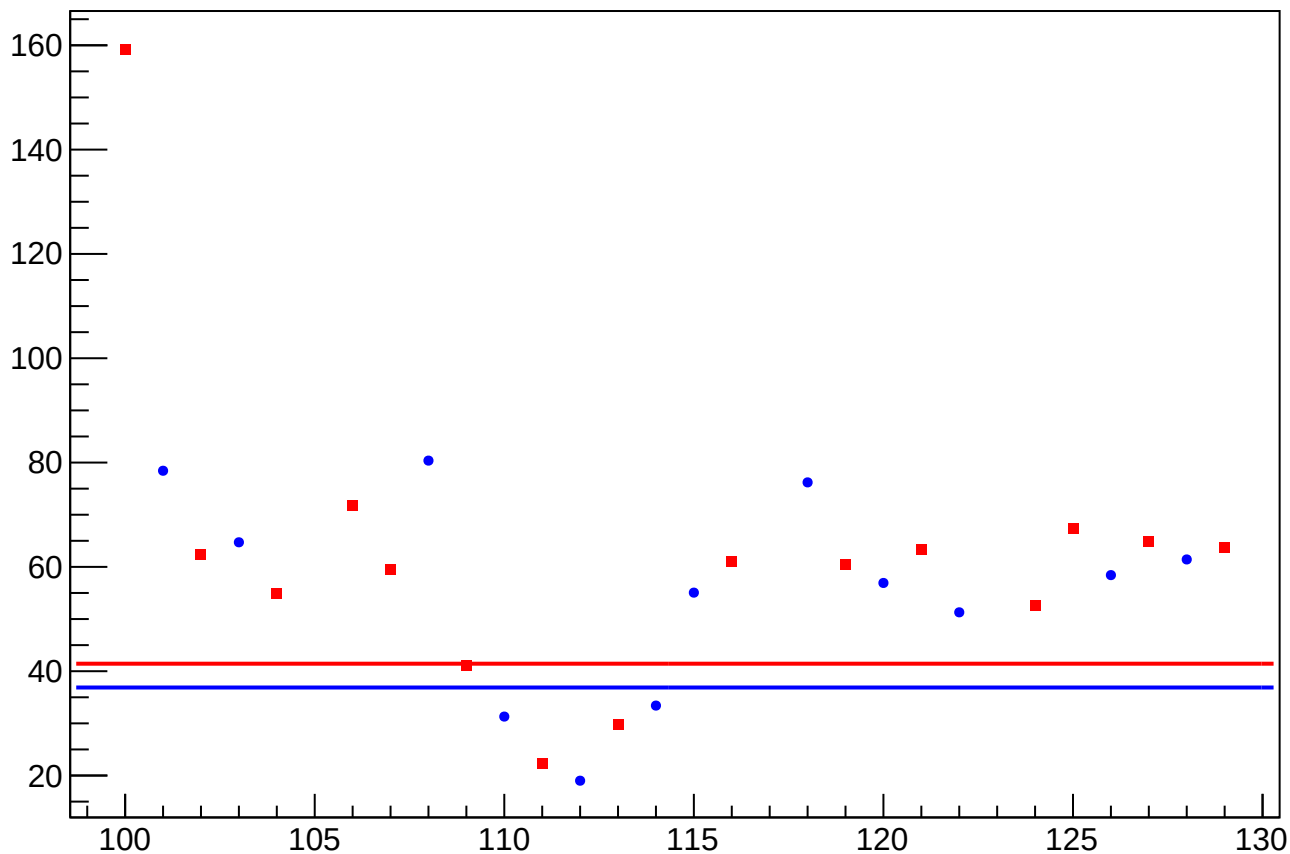
Right: 0.027+/-0.014 χ^2/NDF : 35.6/26

In: 0.052+/-0.020 χ^2/NDF : 13.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.027+/-0.014 χ^2/NDF : 35.6/26

asym_sam_48_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.876+/-0.014 χ^2/NDF : 2308228.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

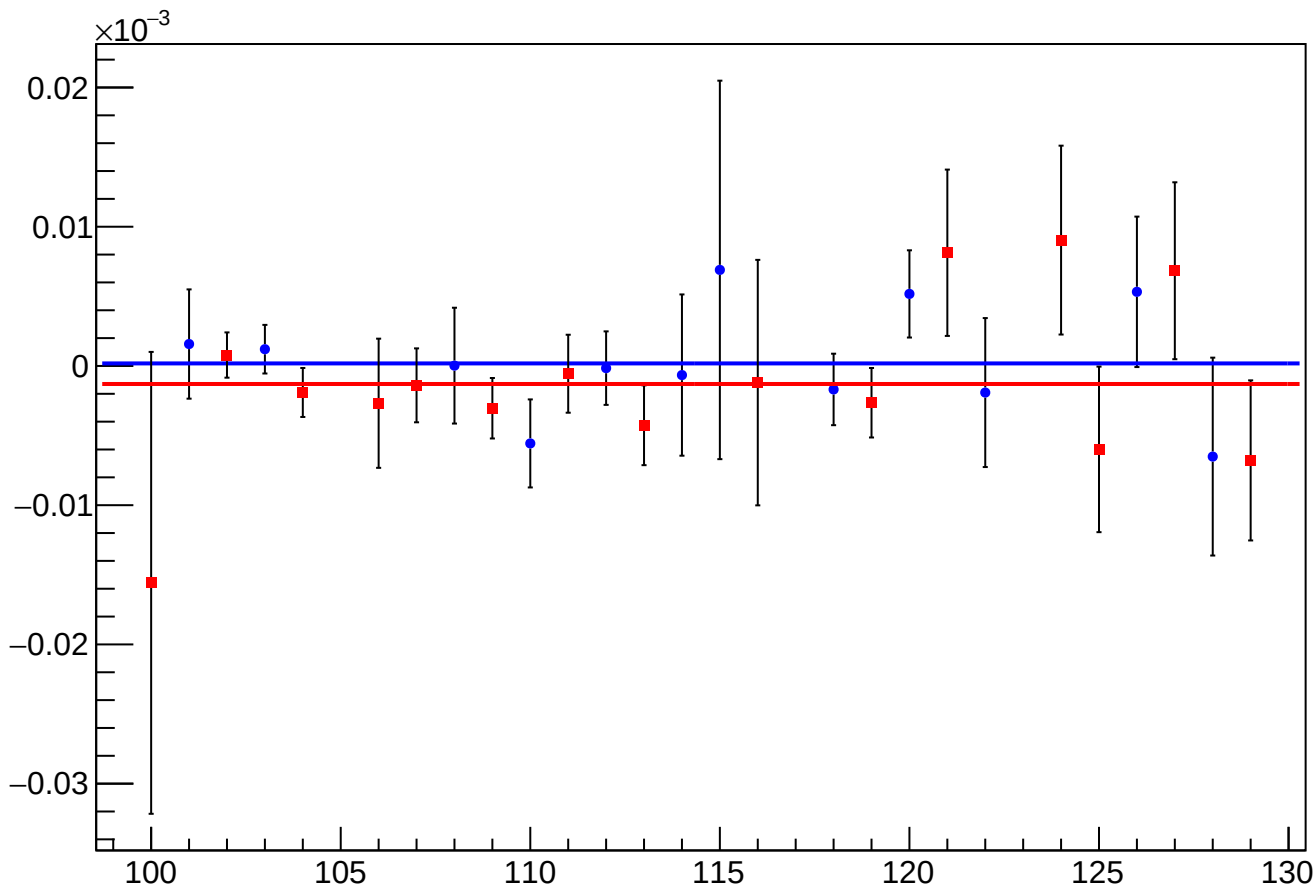
Right: 39.202+/-0.010 χ^2/NDF : 4115247.4/26

In: 36.876+/-0.014 χ^2/NDF : 2308228.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.202+/-0.010 χ^2/NDF : 4115247.4/26

asym_sam_48_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 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

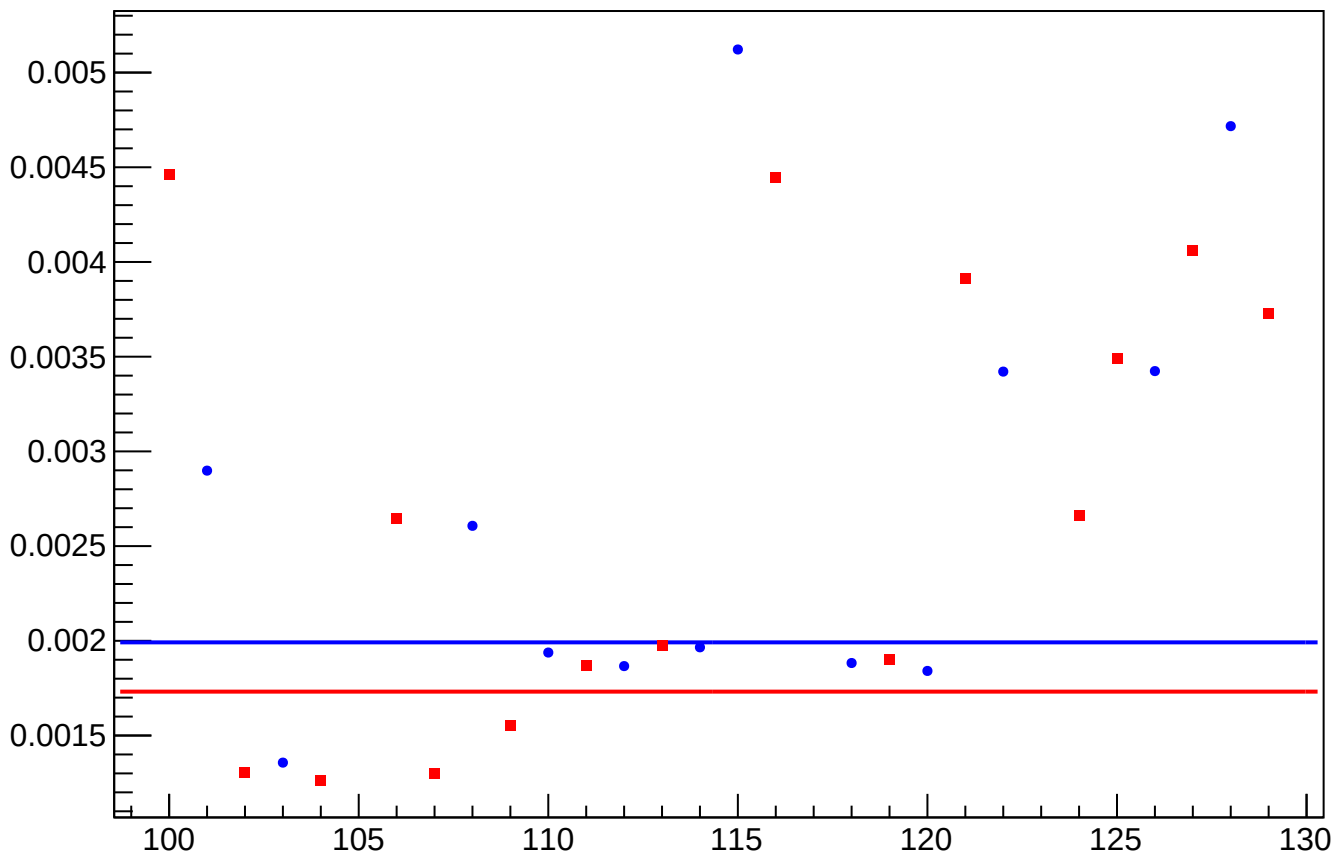
Right: -0.000+/-0.000 χ^2/NDF : 23.1/26

In: 0.000+/-0.000 χ^2/NDF : 9.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.1/26

asym_sam_48_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1111967.3/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 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

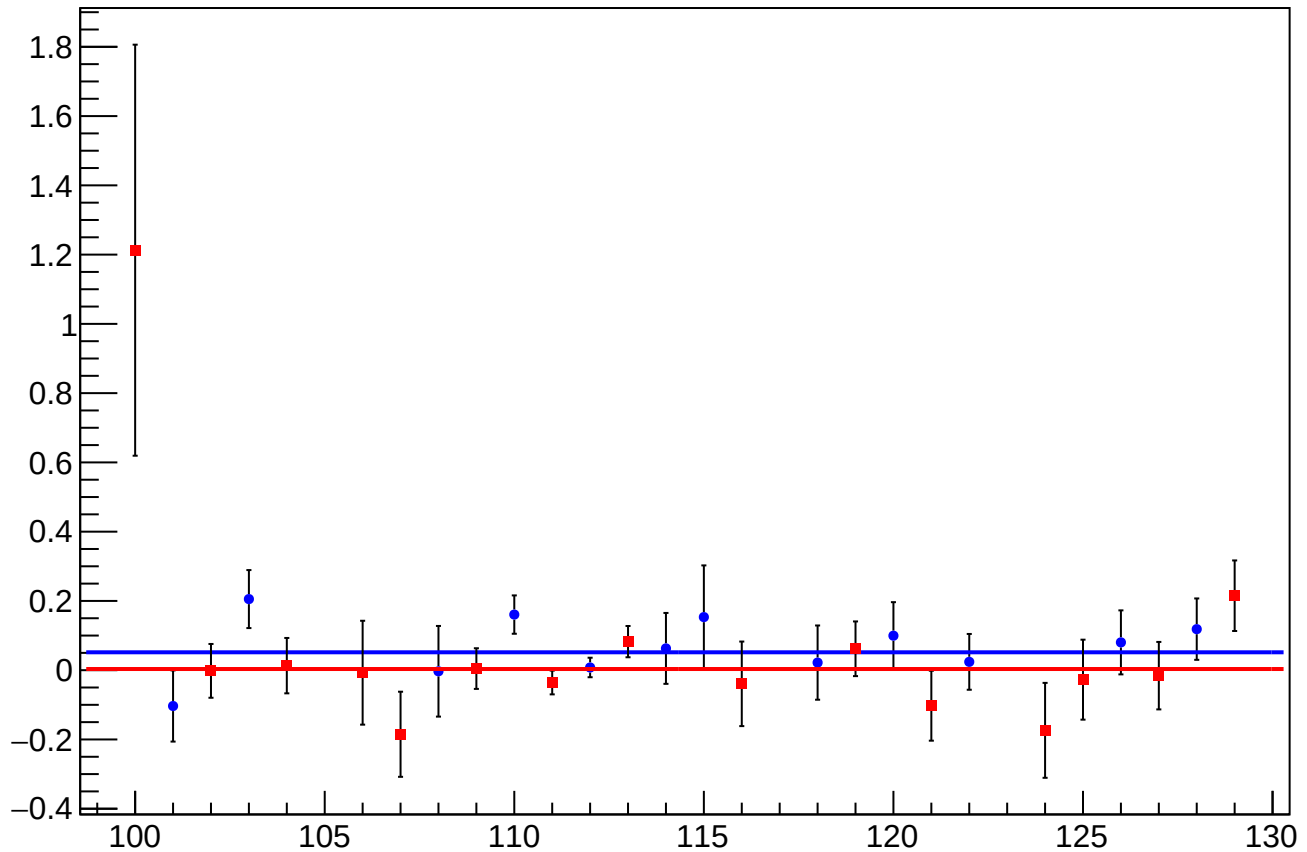
Right: 0.002+/-0.000 χ^2/NDF : 2885656.1/26

In: 0.002+/-0.000 χ^2/NDF :1111967.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2885656.1/26

asym_sam_48_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.052+/-0.020 χ^2/NDF : 13.7/11

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

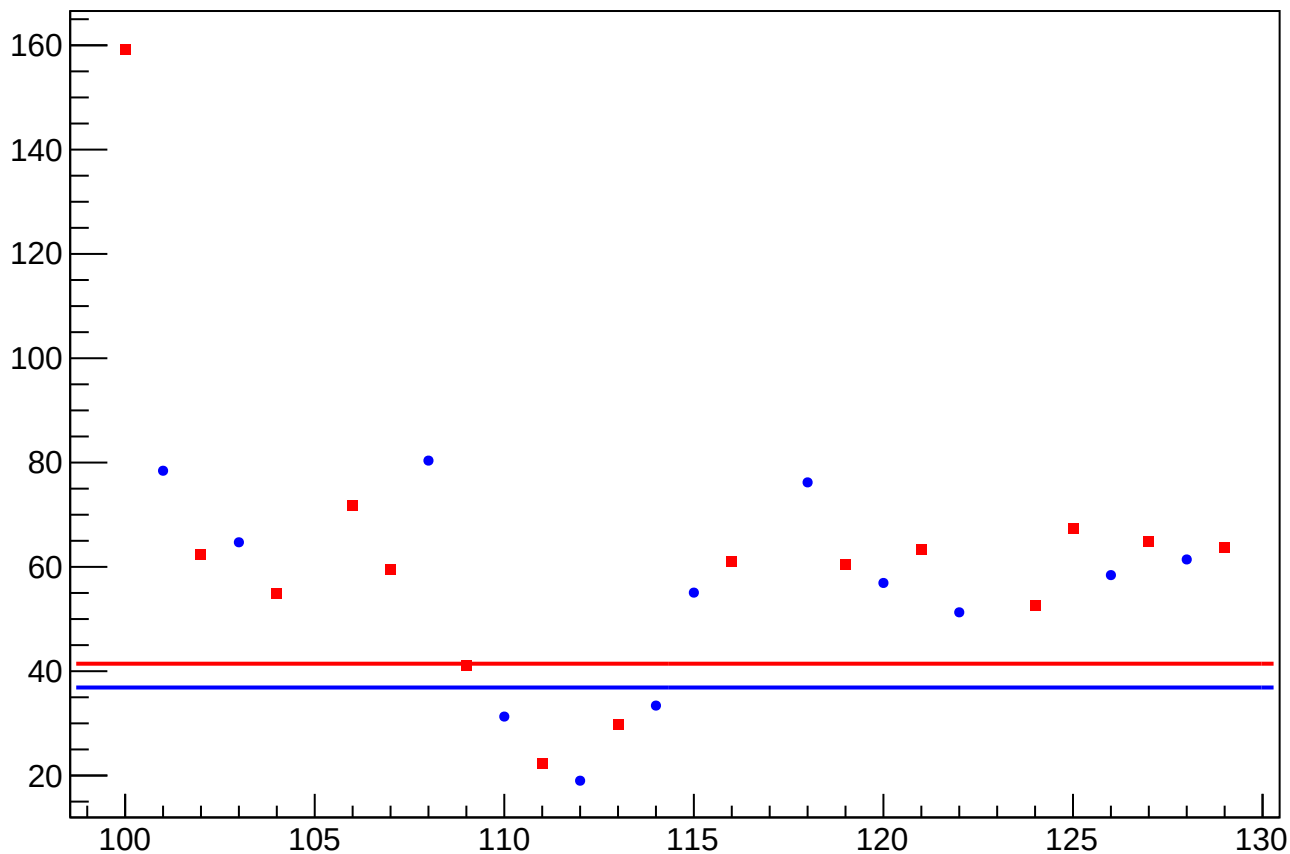
Right: 0.027+/-0.014 χ^2/NDF : 35.6/26

In: 0.052+/-0.020 χ^2/NDF : 13.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.027+/-0.014 χ^2/NDF : 35.6/26

asym_sam_48_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.875+/-0.014 χ^2/NDF : 2308352.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

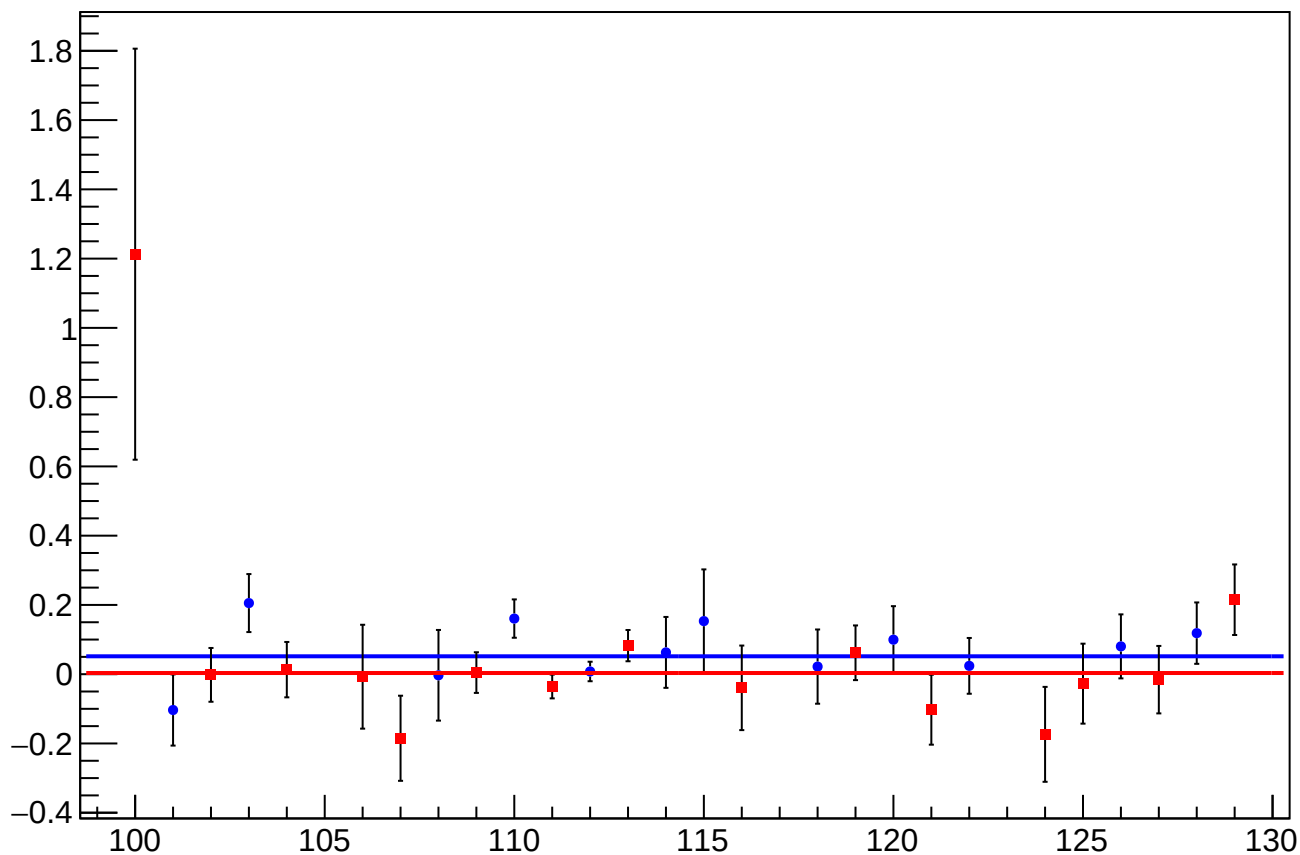
Right: 39.201+/-0.010 χ^2/NDF : 4115494.9/26

In: 36.875+/-0.014 χ^2/NDF : 2308352.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.201+/-0.010 χ^2/NDF : 4115494.9/26

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.052+/-0.020 χ^2/NDF : 13.7/11

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

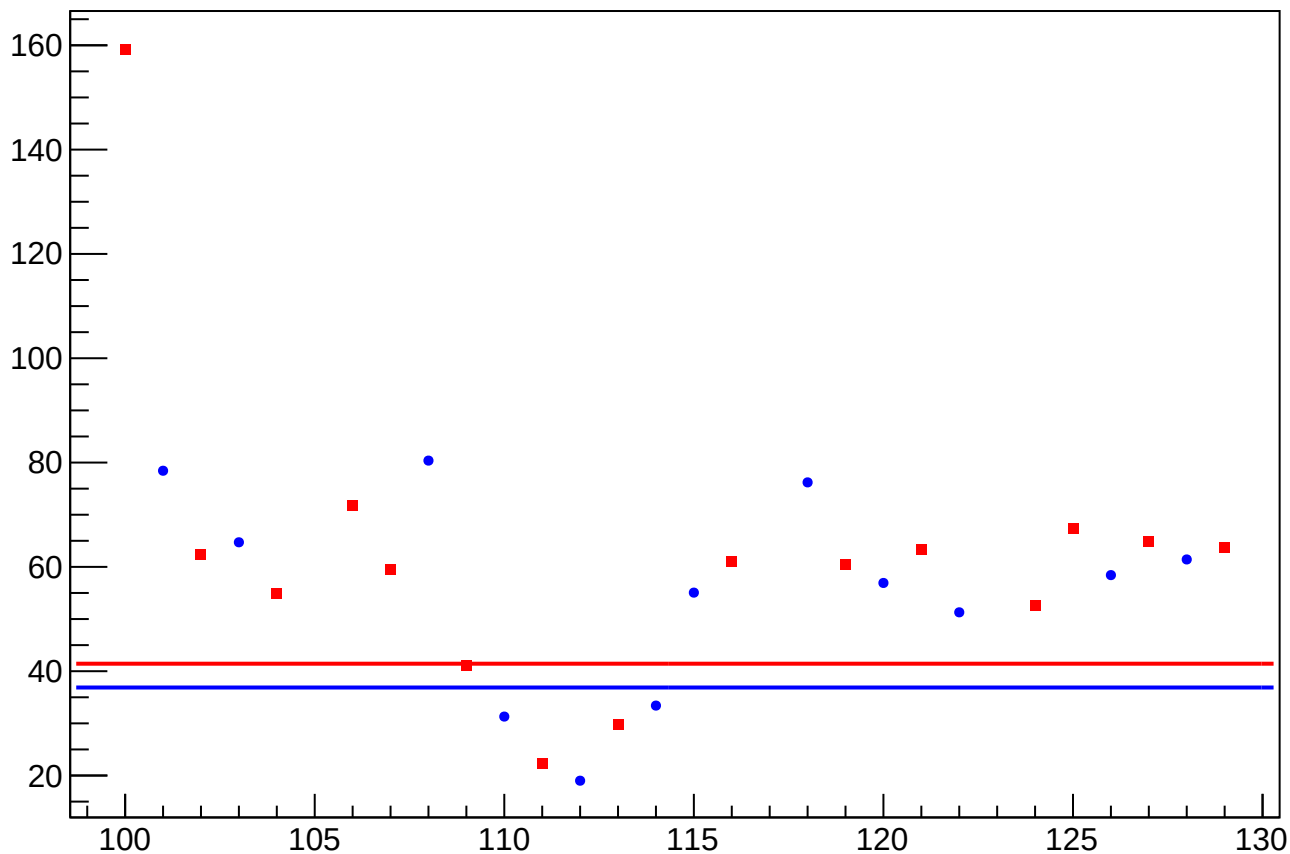
Right: 0.027+/-0.014 χ^2/NDF : 35.6/26

In: 0.052+/-0.020 χ^2/NDF : 13.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.027+/-0.014 χ^2/NDF : 35.6/26

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.875+/-0.014 χ^2/NDF : 2308352.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

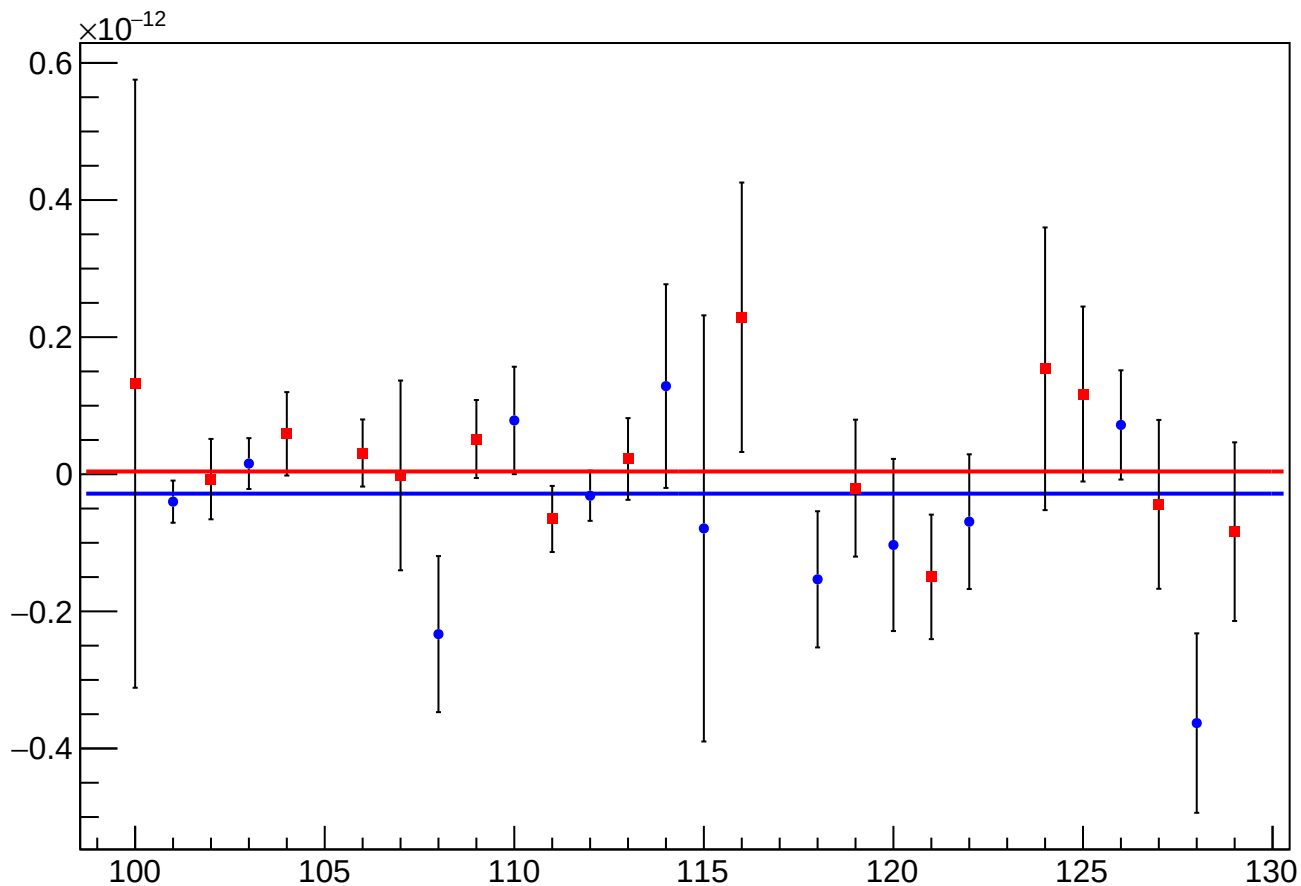
Right: 39.201+/-0.010 χ^2/NDF : 4115494.9/26

In: 36.875+/-0.014 χ^2/NDF : 2308352.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.201+/-0.010 χ^2/NDF : 4115494.9/26

asym_sam_48_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 18.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

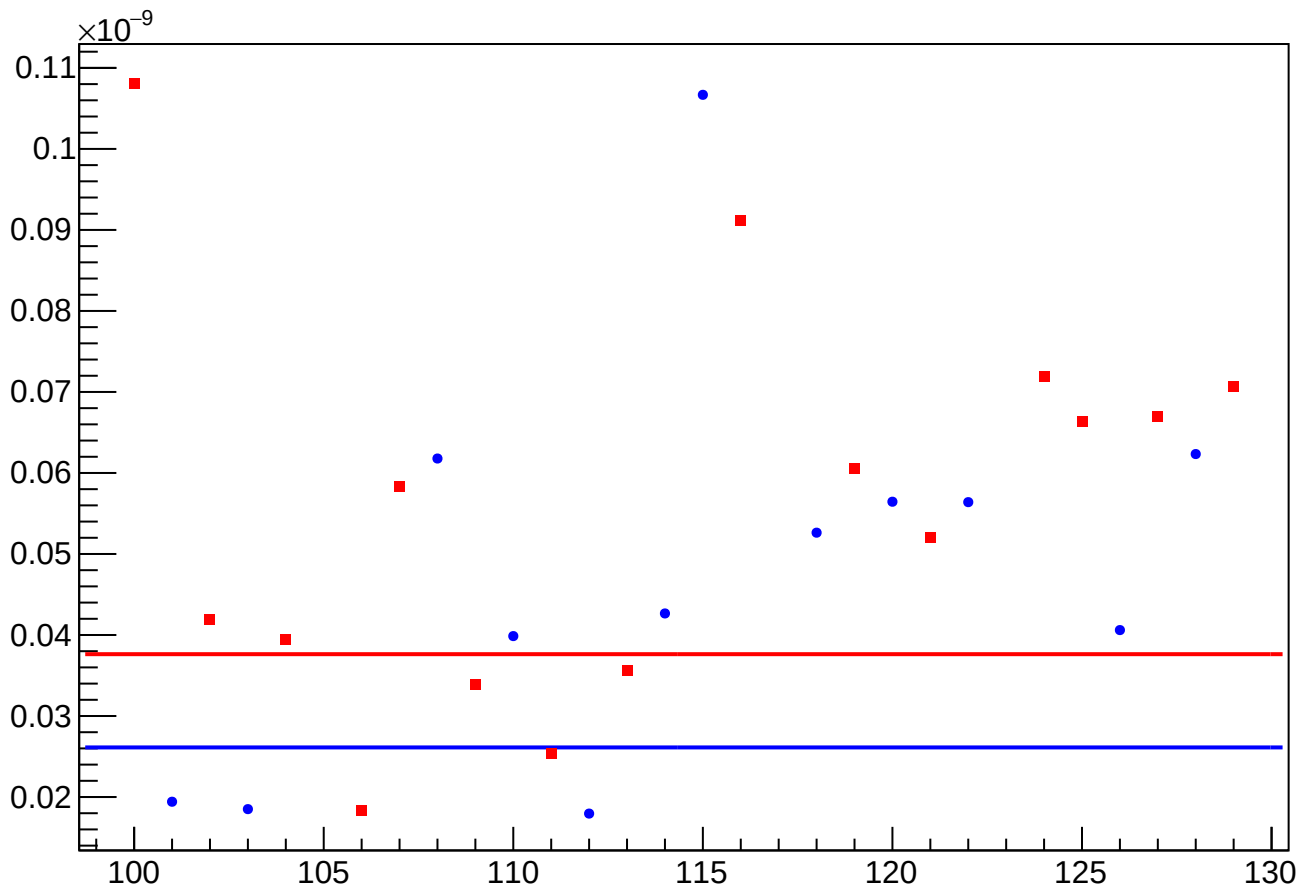
Right: -0.000+/-0.000 χ^2/NDF : 29.8/26

In: -0.000+/-0.000 χ^2/NDF : 18.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.8/26

asym_sam_48_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1364134.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

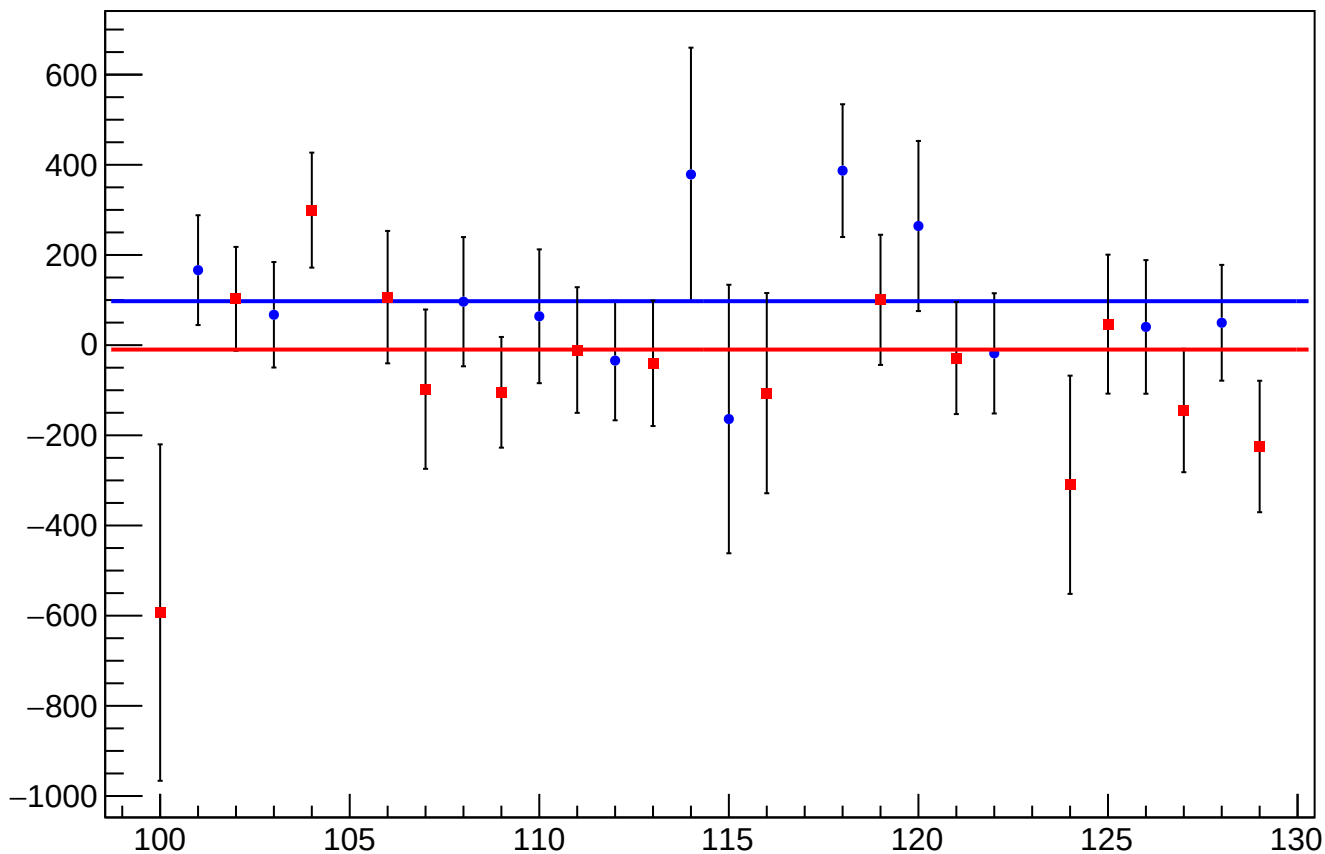
Right: 0.000+/-0.000 χ^2/NDF : 3005002.0/26

In: 0.000+/-0.000 χ^2/NDF : 1364134.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3005002.0/26

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 97.499 $\pm$ 42.560 χ^2 /NDF: 8.9/11

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

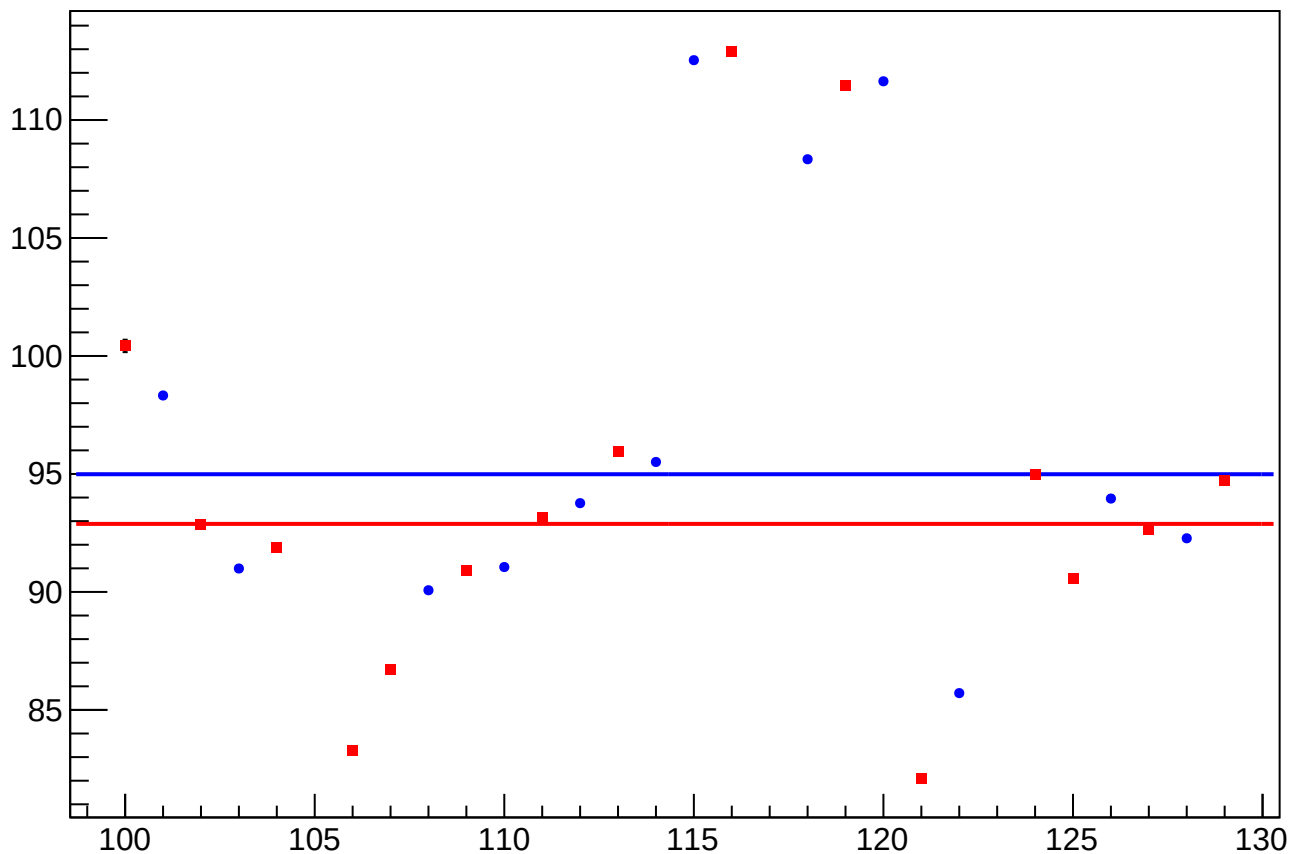
Right: 38.099 $\pm$ 28.437 χ^2 /NDF: 28.8/26

In: 97.499 $\pm$ 42.560 χ^2 /NDF: 8.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 38.099 $\pm$ 28.437 χ^2 /NDF: 28.8/26

reg_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 94.988 $\pm$ 0.030 χ^2 /NDF: 57393.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 92.883 $\pm$ 0.027 χ^2 /NDF: 78864.8/14

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

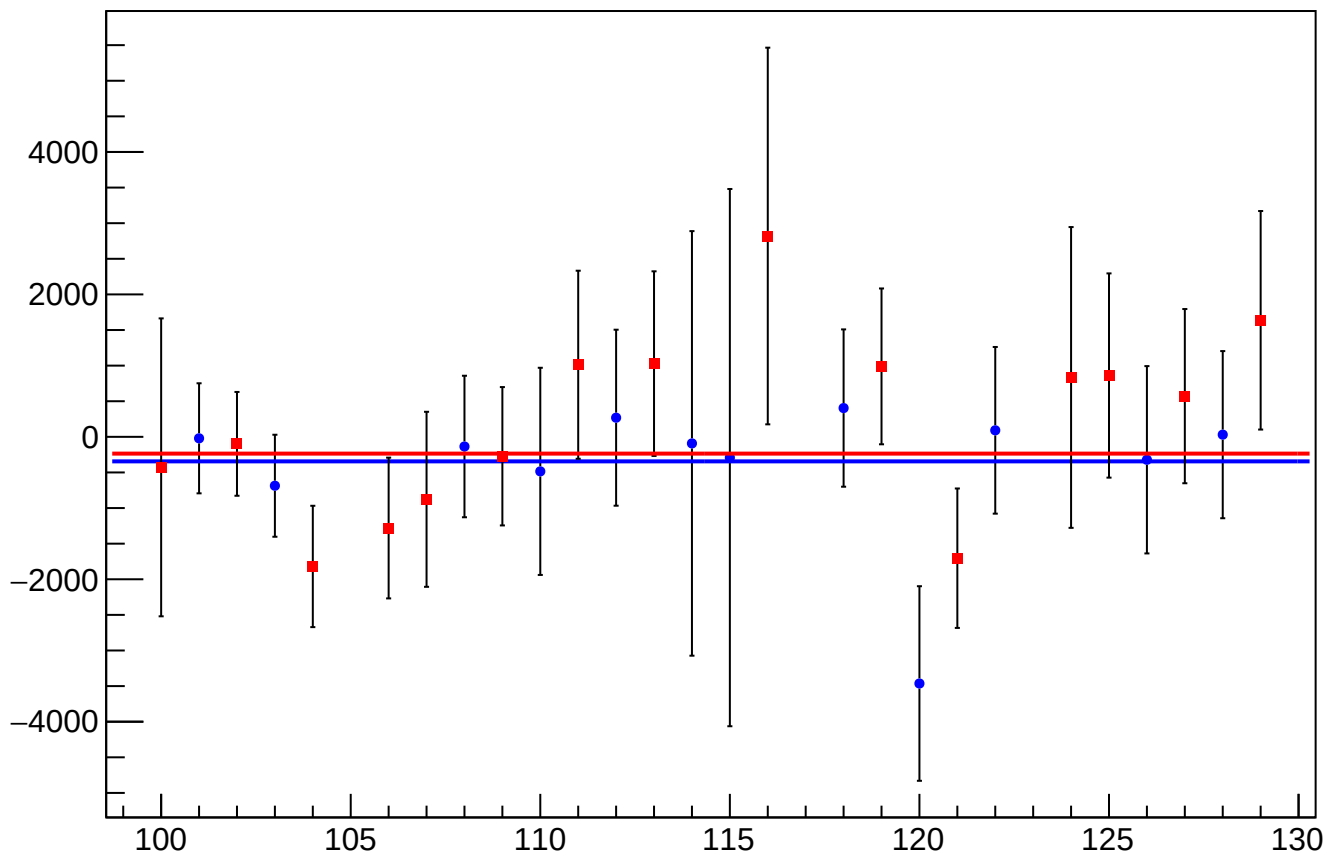
Right: 93.823 $\pm$ 0.020 χ^2 /NDF: 138965.6/26

In: 94.988 $\pm$ 0.030 χ^2 /NDF:57393.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 93.823 $\pm$ 0.020 χ^2 /NDF: 138965.6/26

asym_sam_15_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -344.462 $\pm$ 327.252 χ^2 /NDF: 6.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -235.525 $\pm$ 298.413 χ^2 /NDF: 14.3/14

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

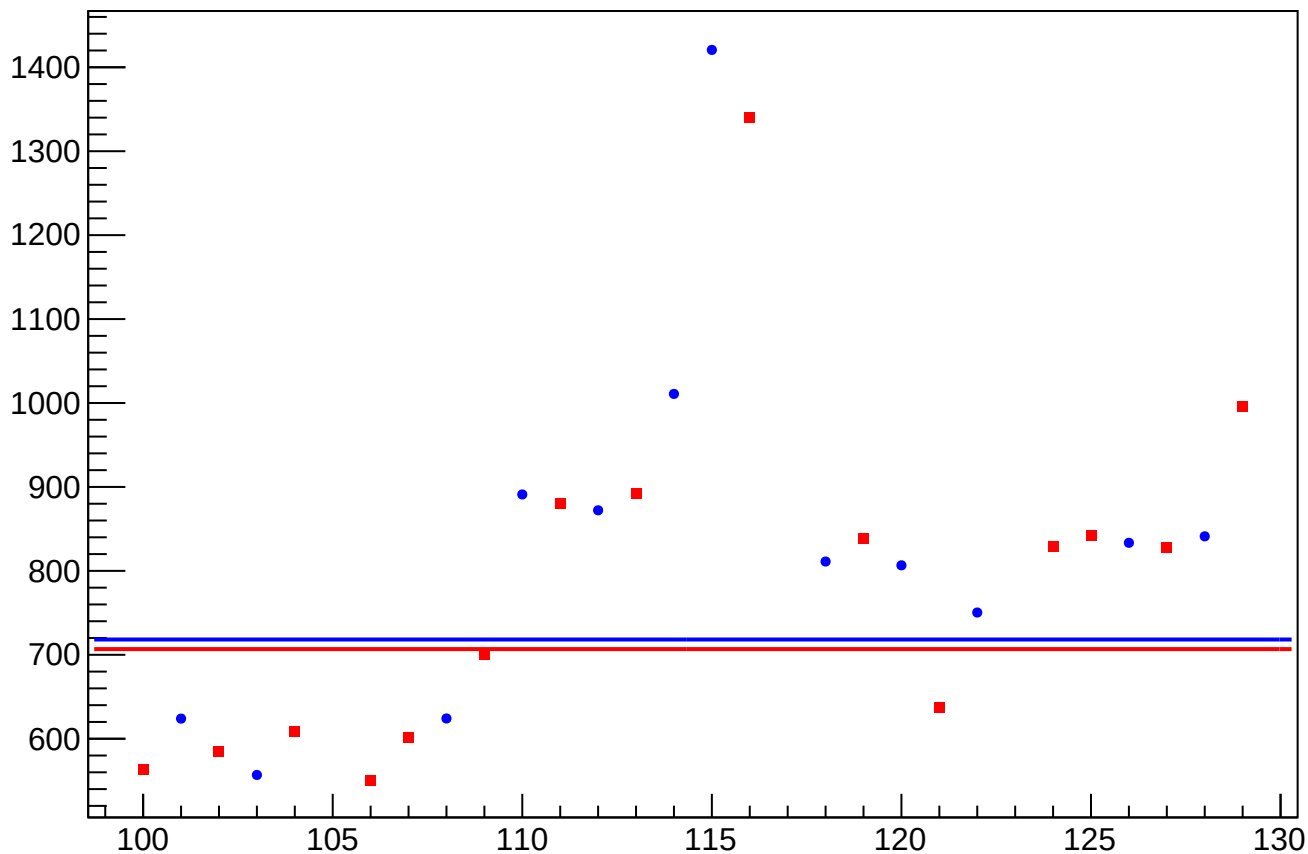
Right: -284.983 $\pm$ 220.502 χ^2 /NDF: 21.0/26

In: -344.462 $\pm$ 327.252 χ^2 /NDF: 6.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -284.983 $\pm$ 220.502 χ^2 /NDF: 21.0/26

asym_sam_15_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 718.227+/-0.231 χ^2/NDF : 358462.0/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

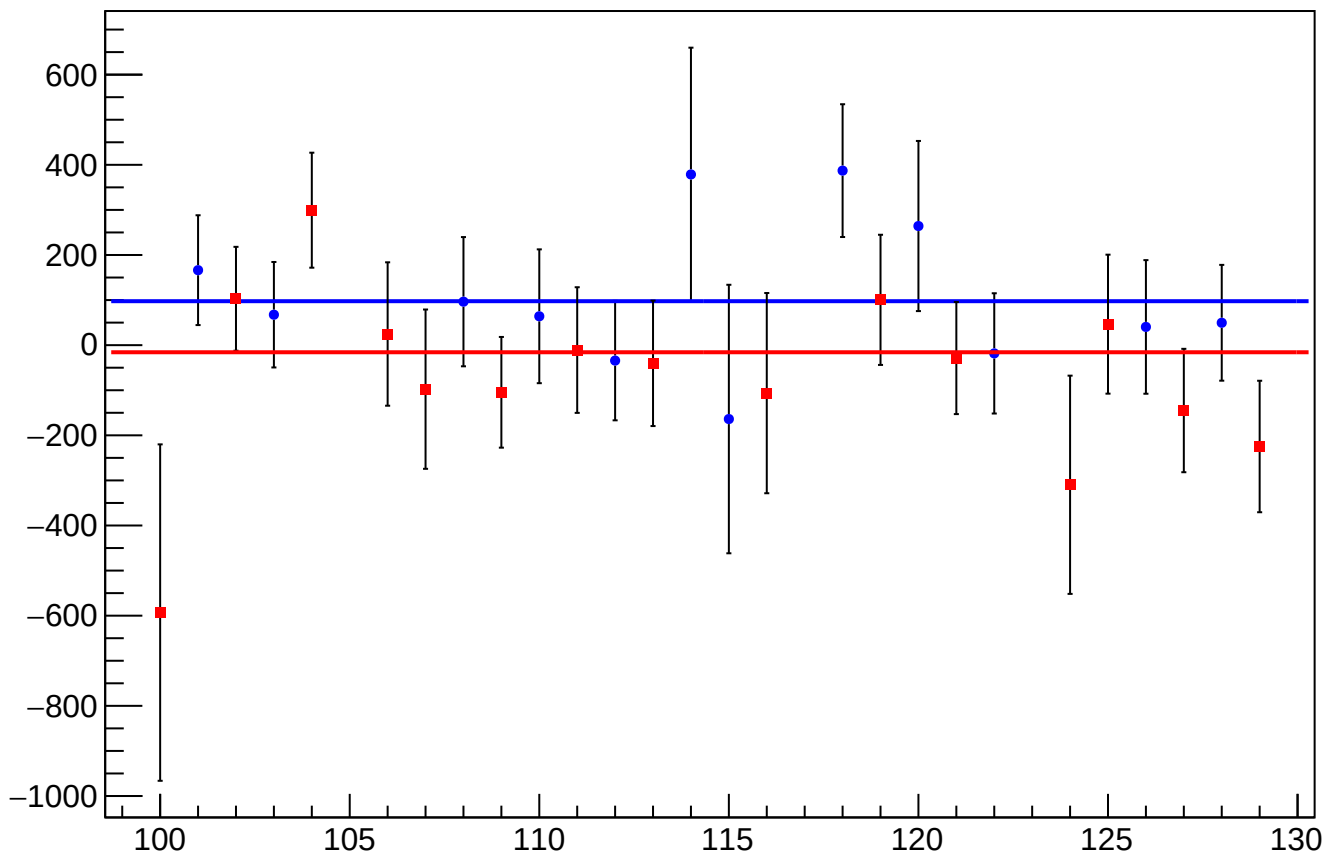
Right: 711.992+/-0.156 χ^2/NDF : 859924.5/26

In: 718.227+/-0.231 χ^2/NDF :358462.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 711.992+/-0.156 χ^2/NDF : 859924.5/26

cor_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 97.529+/-42.560 χ^2/NDF : 8.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

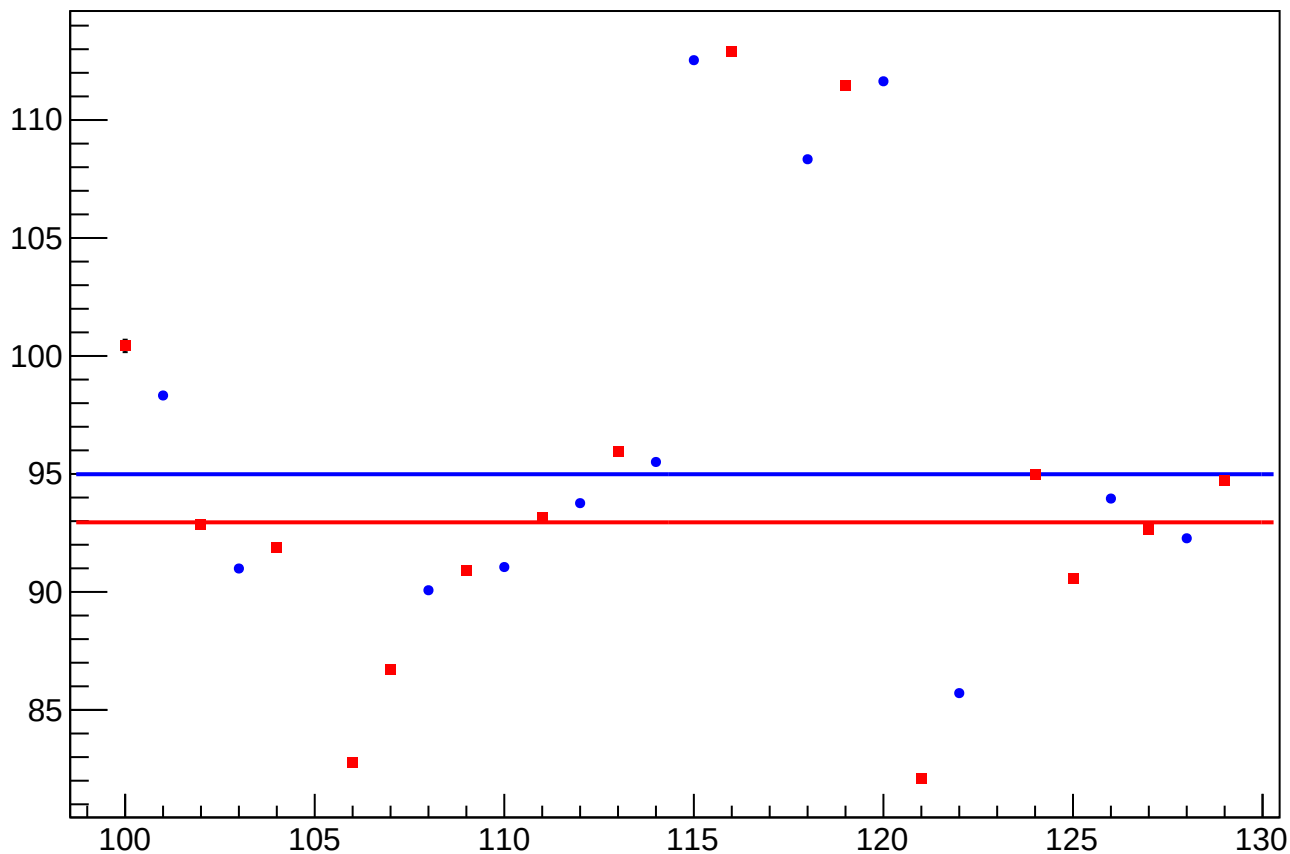
Right: 35.110+/-28.516 χ^2/NDF : 28.6/26

In: 97.529+/-42.560 χ^2/NDF : 8.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.110+/-28.516 χ^2/NDF : 28.6/26

cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 94.988 $\pm$ 0.030 χ^2/NDF : 57393.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 92.950 $\pm$ 0.027 χ^2/NDF : 78432.0/14

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

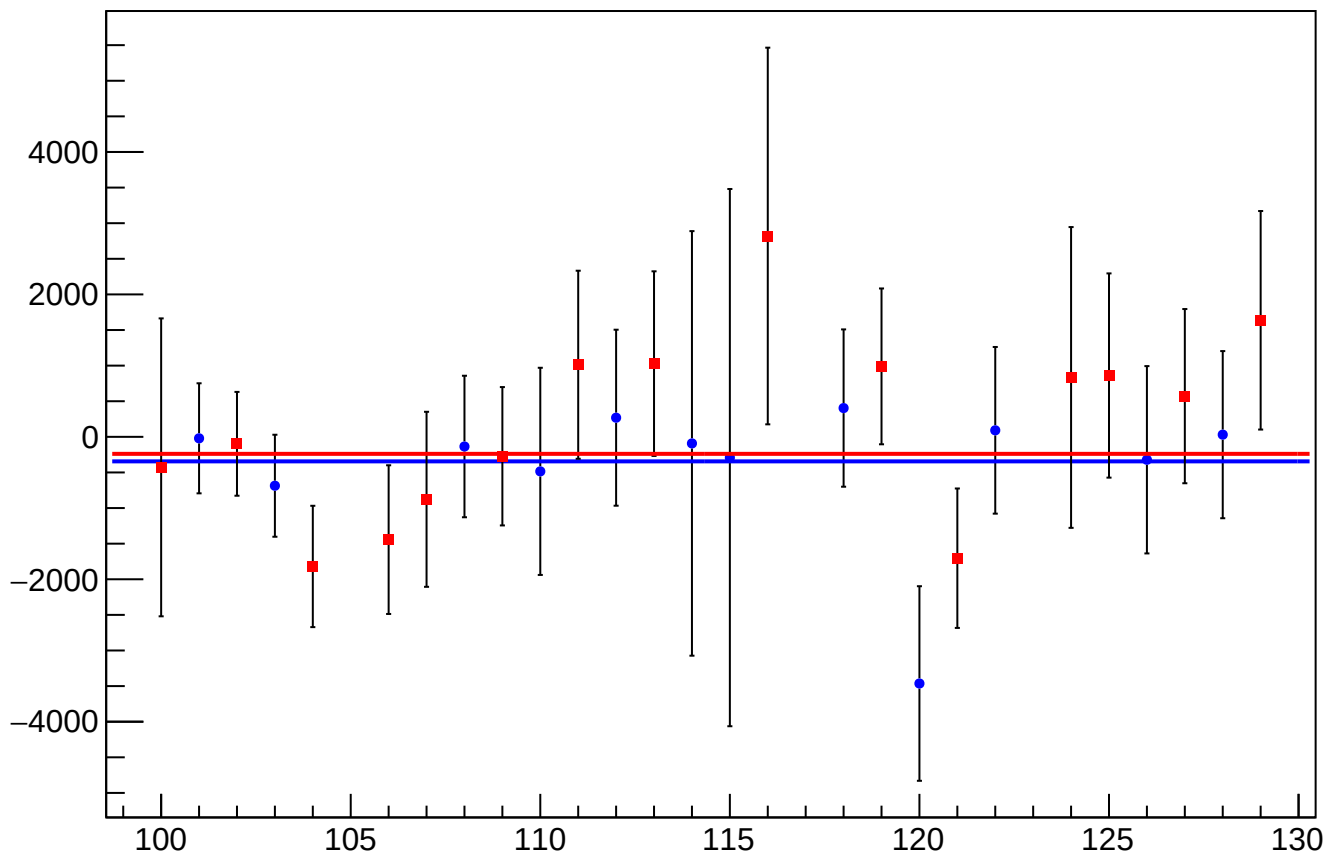
Right: 93.865 $\pm$ 0.020 χ^2/NDF : 138353.4/26

In: 94.988 $\pm$ 0.030 χ^2/NDF : 57393.1/11

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 93.865 $\pm$ 0.020 χ^2/NDF : 138353.4/26

asym_sam_15_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -344.454 $\pm$ 327.252 χ^2 /NDF: 6.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -238.853 $\pm$ 299.843 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

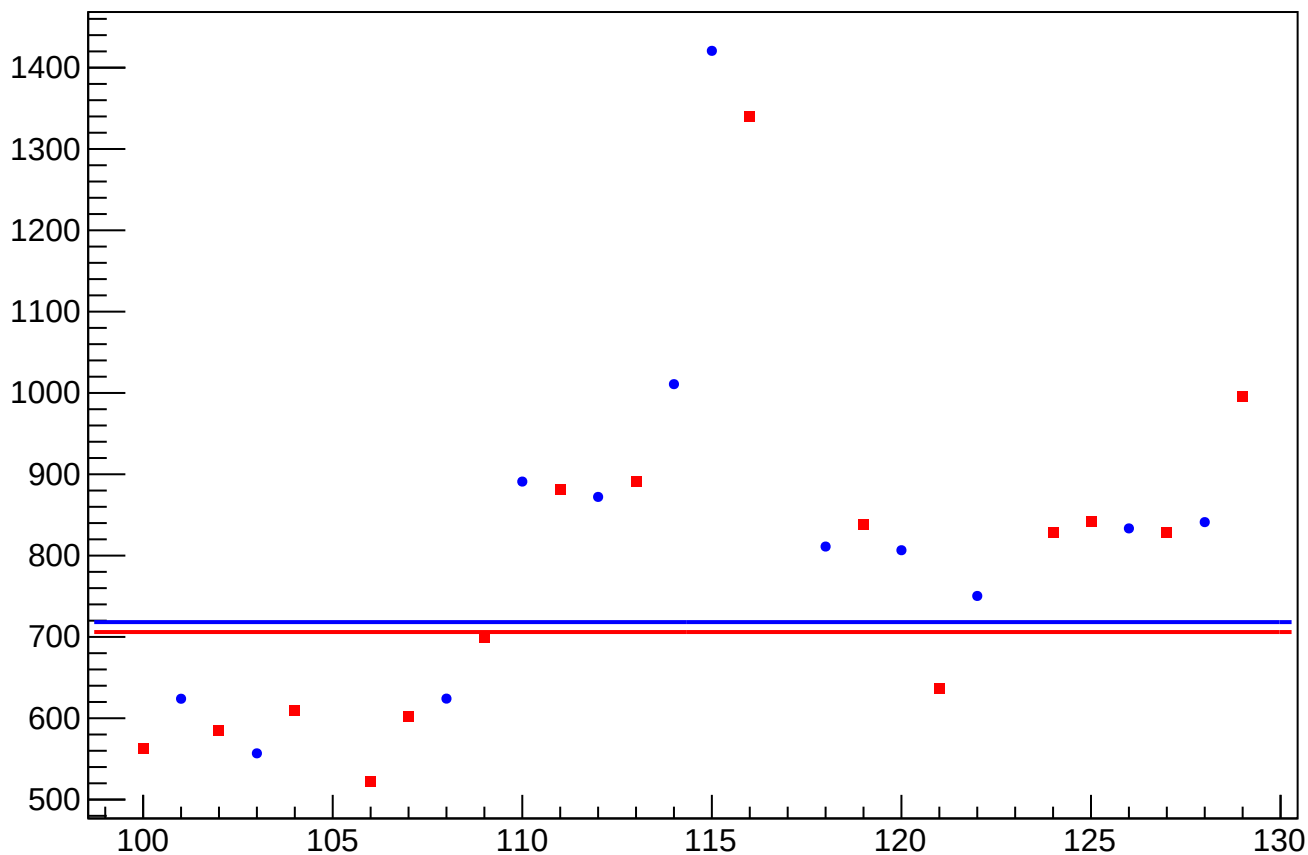
Right: -287.046 $\pm$ 221.077 χ^2 /NDF: 21.2/26

In: -344.454 $\pm$ 327.252 χ^2 /NDF: 6.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -287.046 $\pm$ 221.077 χ^2 /NDF: 21.2/26

asym_sam_15_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 718.225+/-0.231 χ^2/NDF : 358466.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

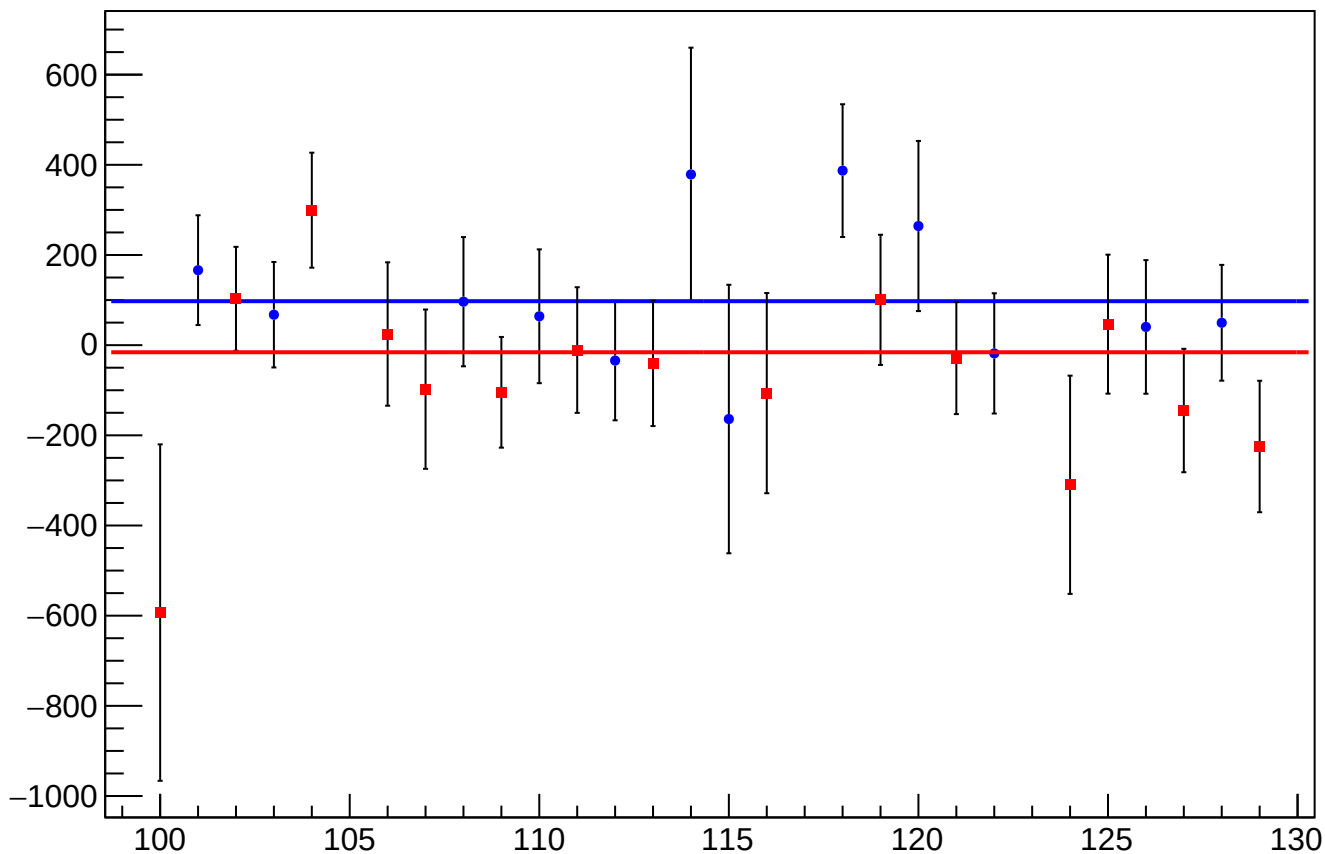
Right: 711.583+/-0.156 χ^2/NDF : 872333.3/26

In: 718.225+/-0.231 χ^2/NDF : 358466.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 711.583+/-0.156 χ^2/NDF : 872333.3/26

eigen_cor_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 97.529 $\pm$ 42.560 χ^2 /NDF: 8.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -15.736 $\pm$ 38.413 χ^2 /NDF: 15.8/14

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

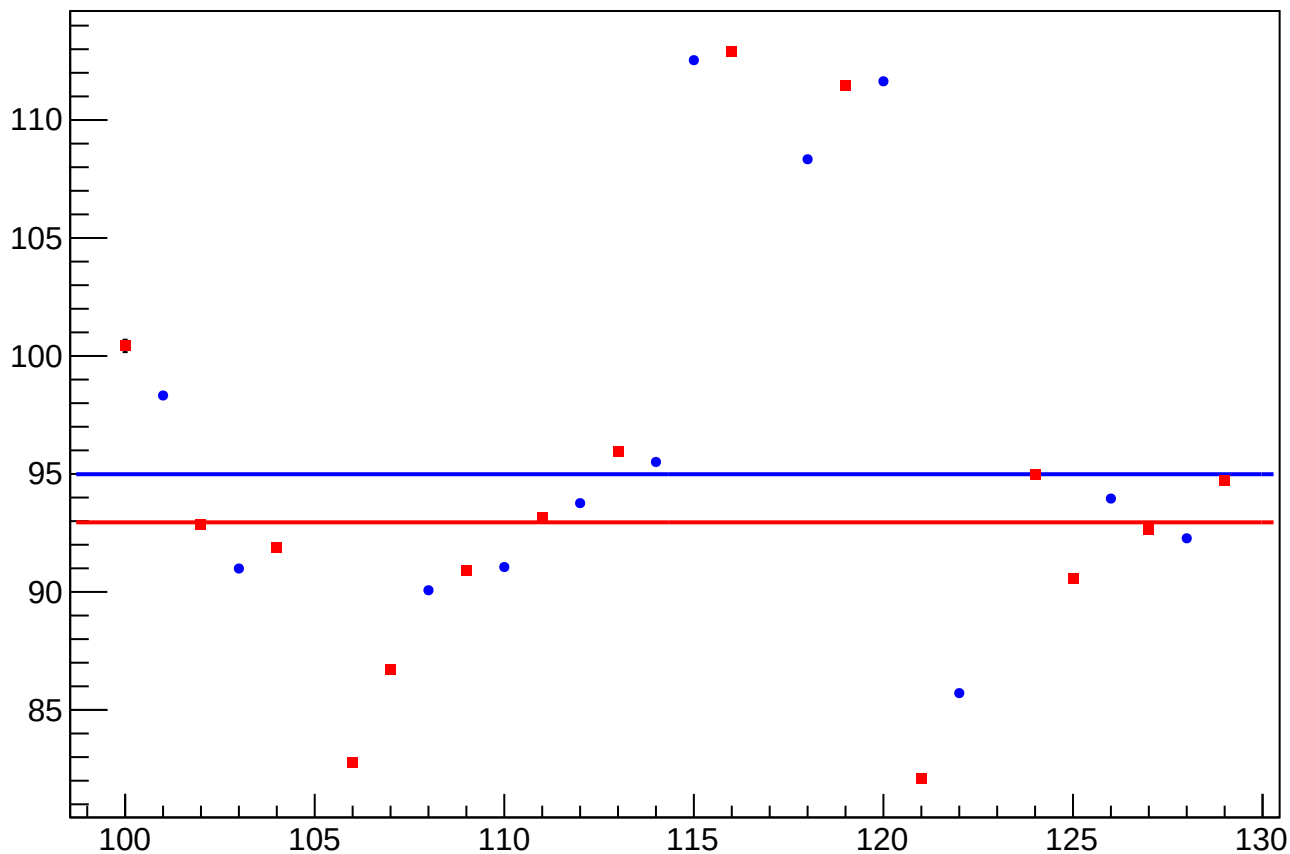
Right: 35.110 $\pm$ 28.516 χ^2 /NDF: 28.6/26

In: 97.529 $\pm$ 42.560 χ^2 /NDF: 8.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 35.110 $\pm$ 28.516 χ^2 /NDF: 28.6/26

eigen_cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 94.988+/-0.030 χ^2/NDF : 57393.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.950+/-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

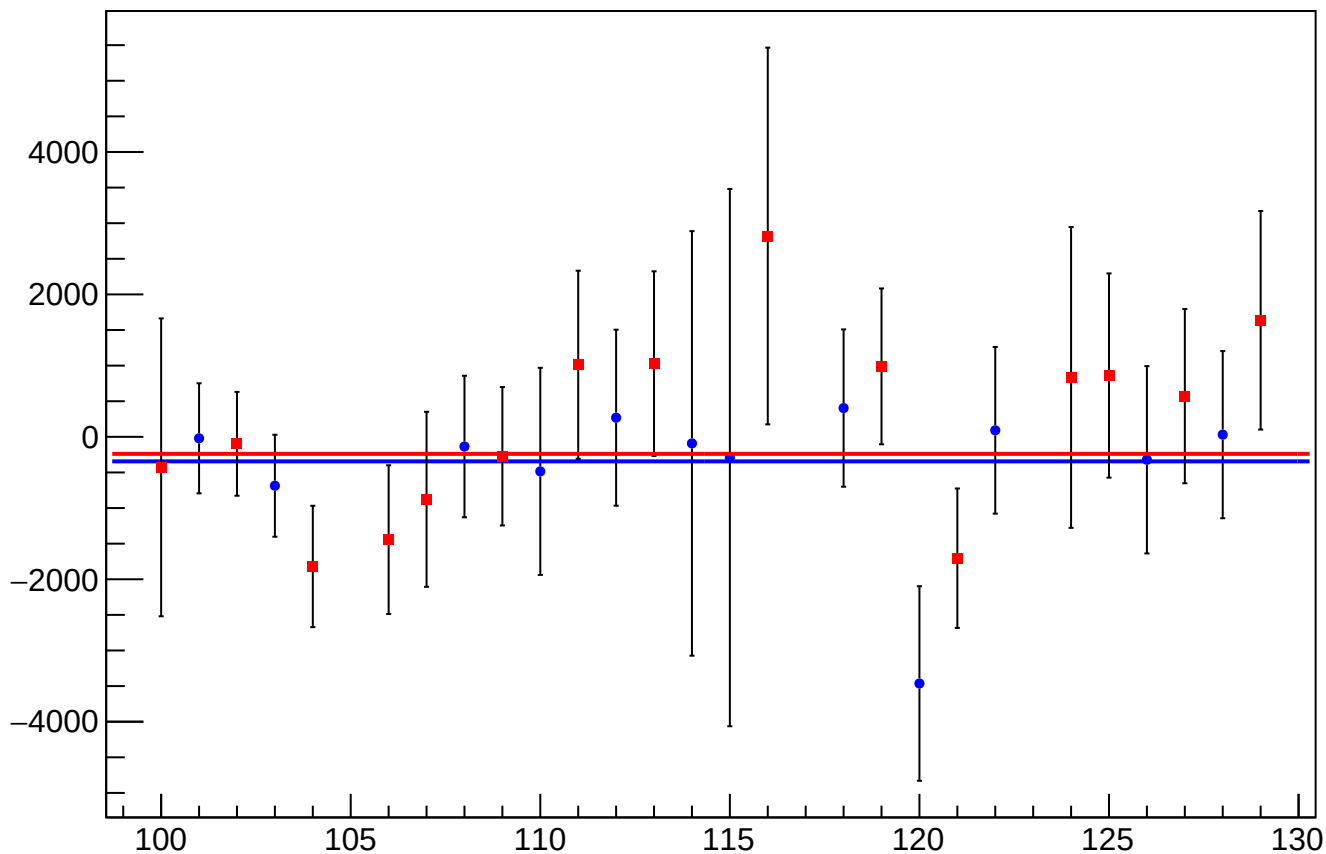
Right: 93.865+/-0.020 χ^2/NDF : 138353.4/26

In: 94.988+/-0.030 χ^2/NDF : 57393.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.865+/-0.020 χ^2/NDF : 138353.4/26

asym_sam_15_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -344.454 $\pm$ 327.252 χ^2 /NDF: 6.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -238.853 $\pm$ 299.843 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

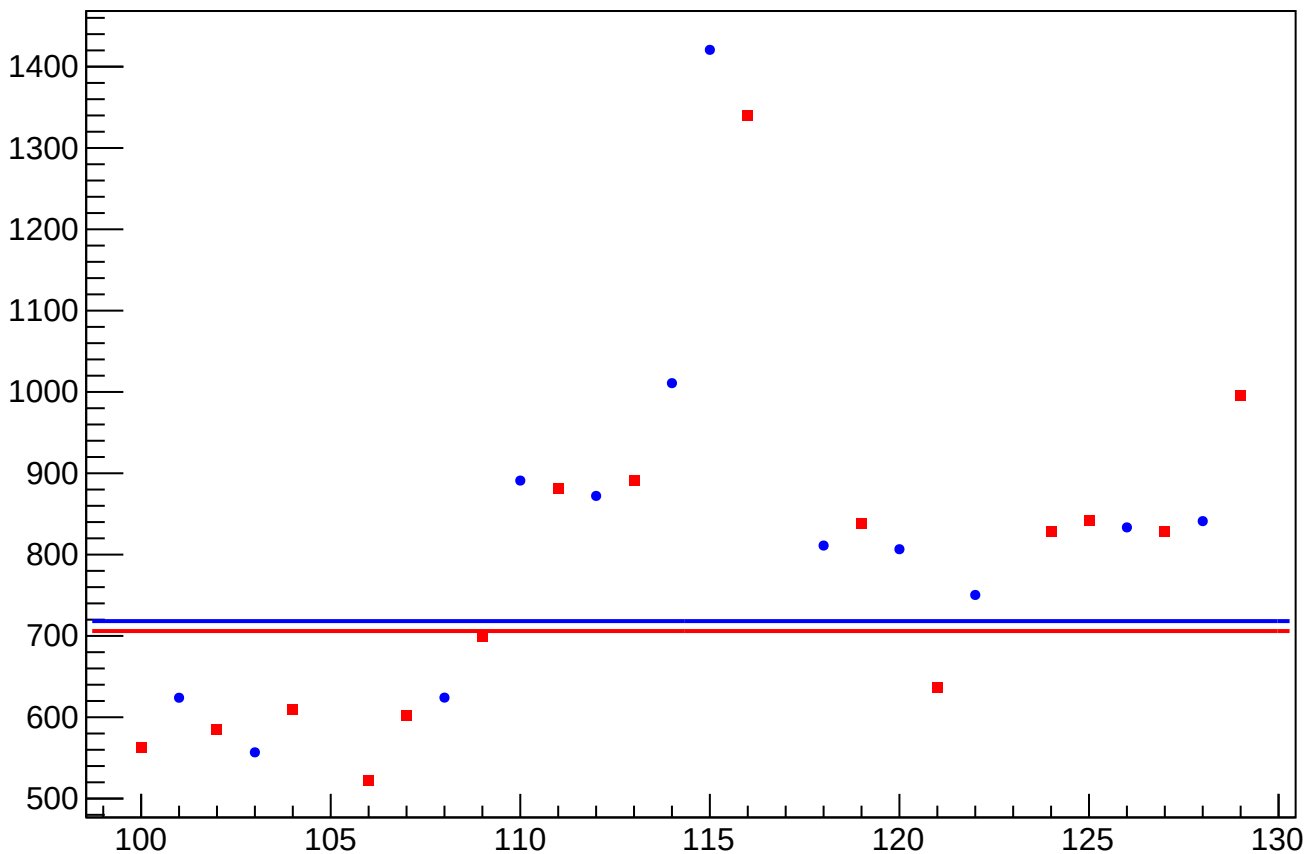
Right: -287.046 $\pm$ 221.077 χ^2 /NDF: 21.2/26

In: -344.454 $\pm$ 327.252 χ^2 /NDF: 6.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -287.046 $\pm$ 221.077 χ^2 /NDF: 21.2/26

asym_sam_15_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 718.225+/-0.231 χ^2/NDF : 358466.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

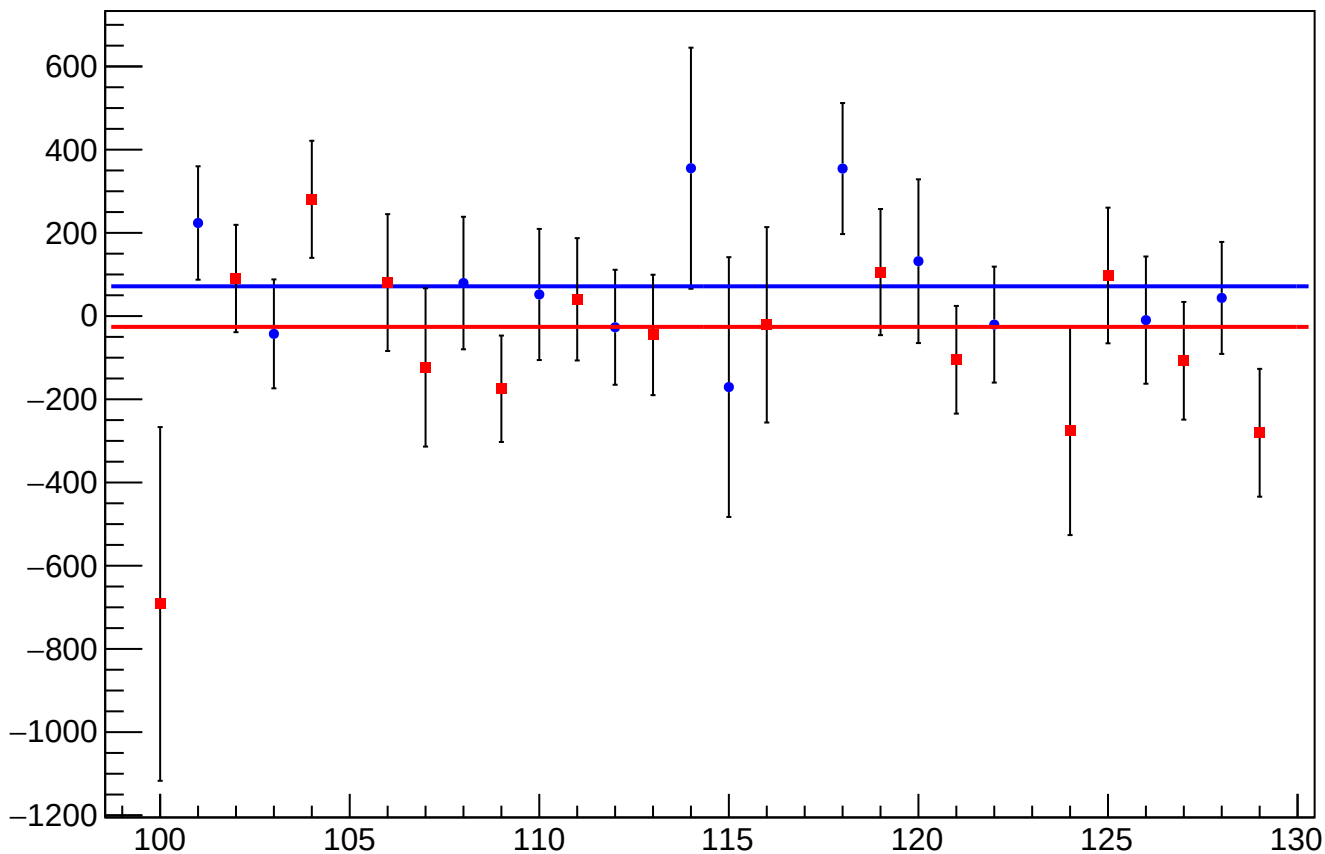
Right: 711.583+/-0.156 χ^2/NDF : 872333.3/26

In: 718.225+/-0.231 χ^2/NDF : 358466.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 711.583+/-0.156 χ^2/NDF : 872333.3/26

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 71.531+/-45.545 χ^2/NDF : 8.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.991+/-40.717 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

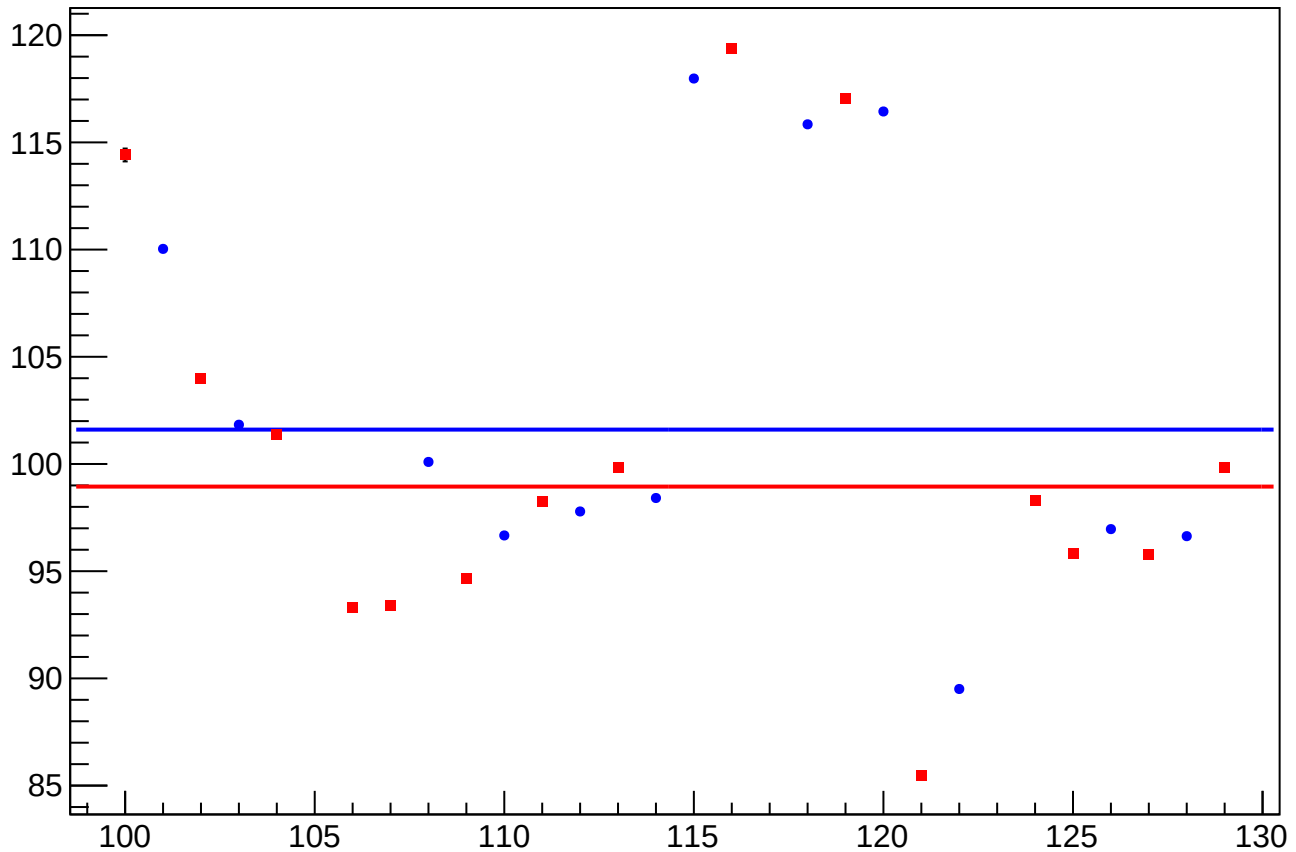
Right: 17.329+/-30.355 χ^2/NDF : 26.8/26

In: 71.531+/-45.545 χ^2/NDF : 8.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.329+/-30.355 χ^2/NDF : 26.8/26

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 101.604 $\pm$ 0.032 χ^2 /NDF: 64433.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 98.946 $\pm$ 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

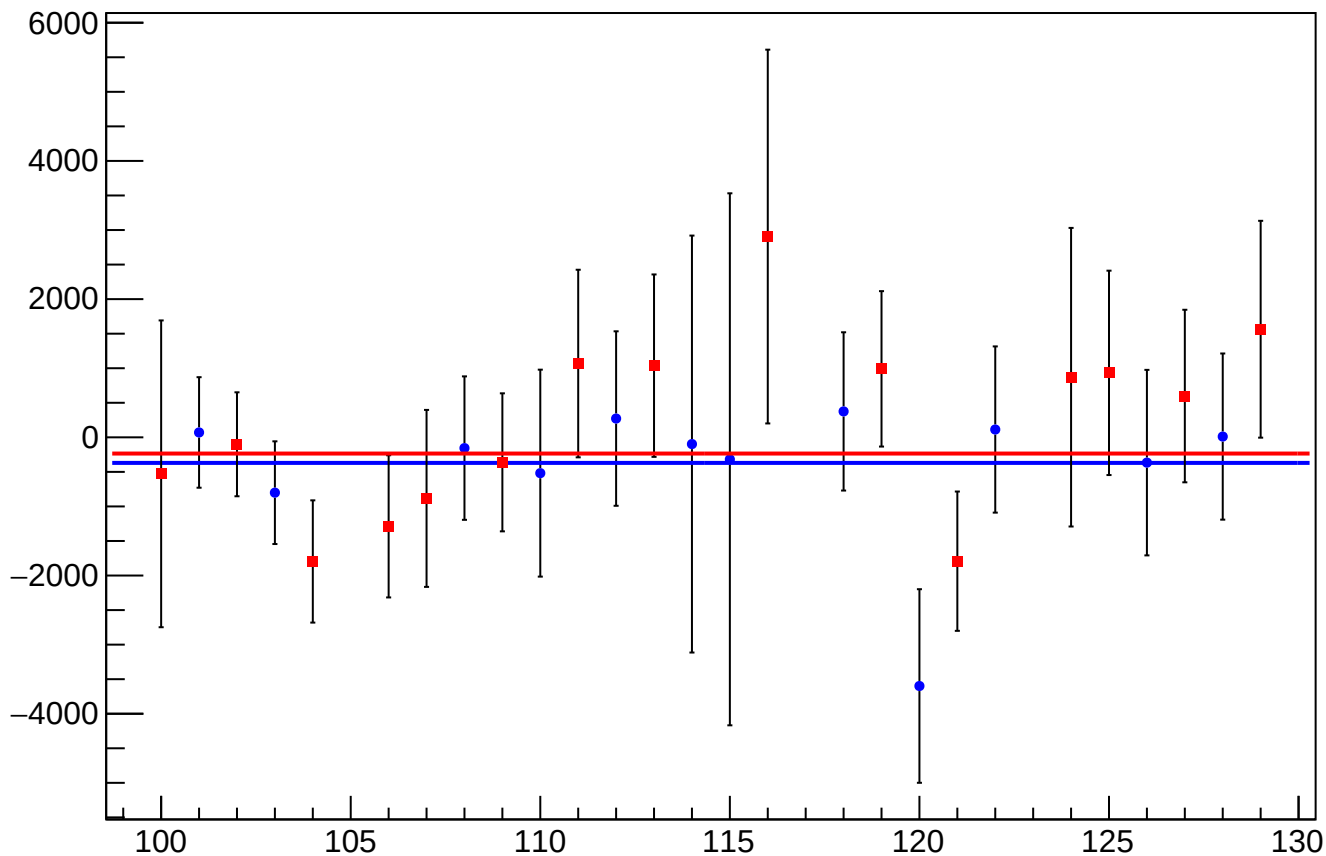
Right: 100.127 $\pm$ 0.021 χ^2 /NDF: 148221.9/26

In: 101.604 $\pm$ 0.032 χ^2 /NDF:64433.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 100.127 $\pm$ 0.021 χ^2 /NDF: 148221.9/26

asym_sam_15_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -370.010 ± 337.812 $\chi^2/\text{NDF}: 7.0/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -234.669 ± 307.825 $\chi^2/\text{NDF}: 13.9/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

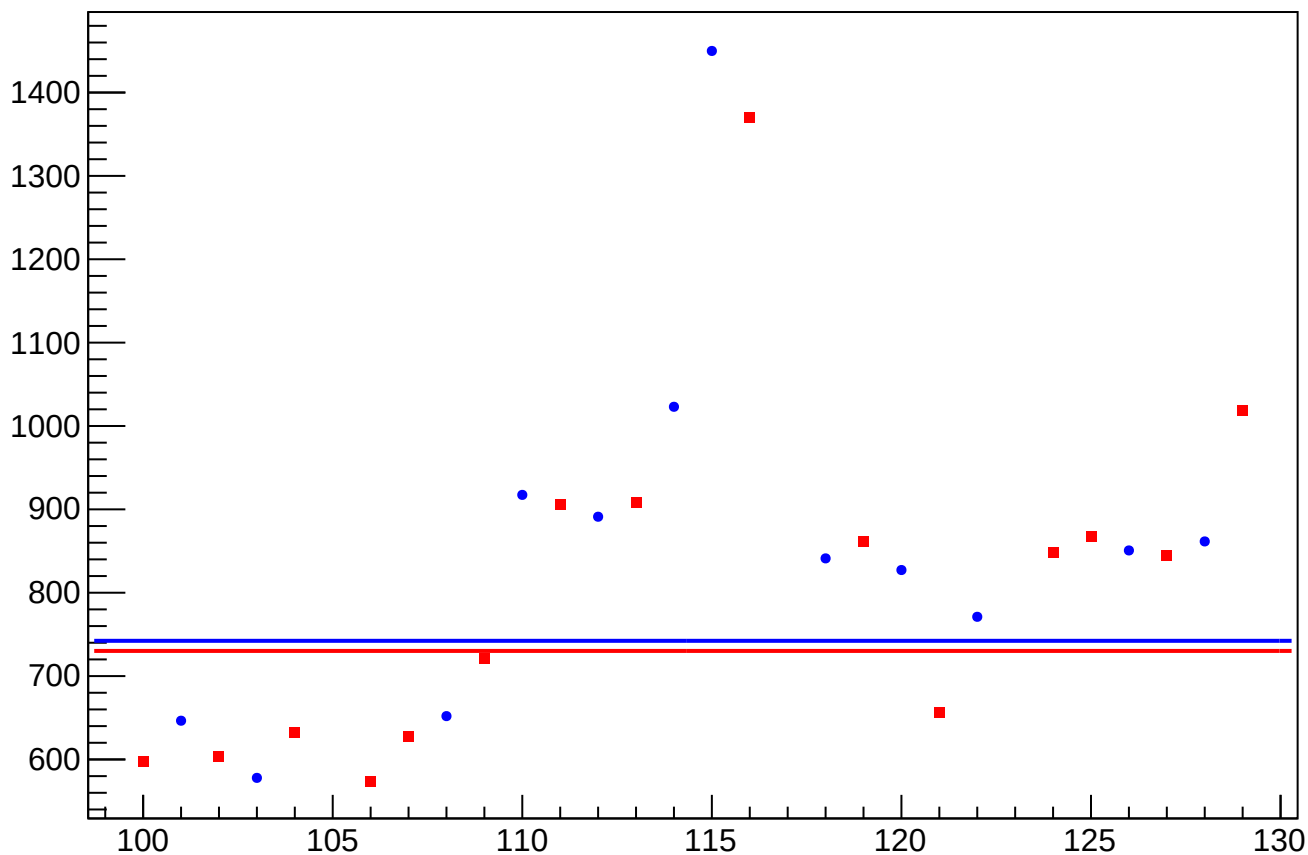
Right: -296.067 ± 227.529 $\chi^2/\text{NDF}: 20.9/26$

In: -370.010 ± 337.812 $\chi^2/\text{NDF}: 7.0/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -296.067 ± 227.529 $\chi^2/\text{NDF}: 20.9/26$

asym_sam_15_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 742.308+/-0.239 χ^2/NDF : 337874.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

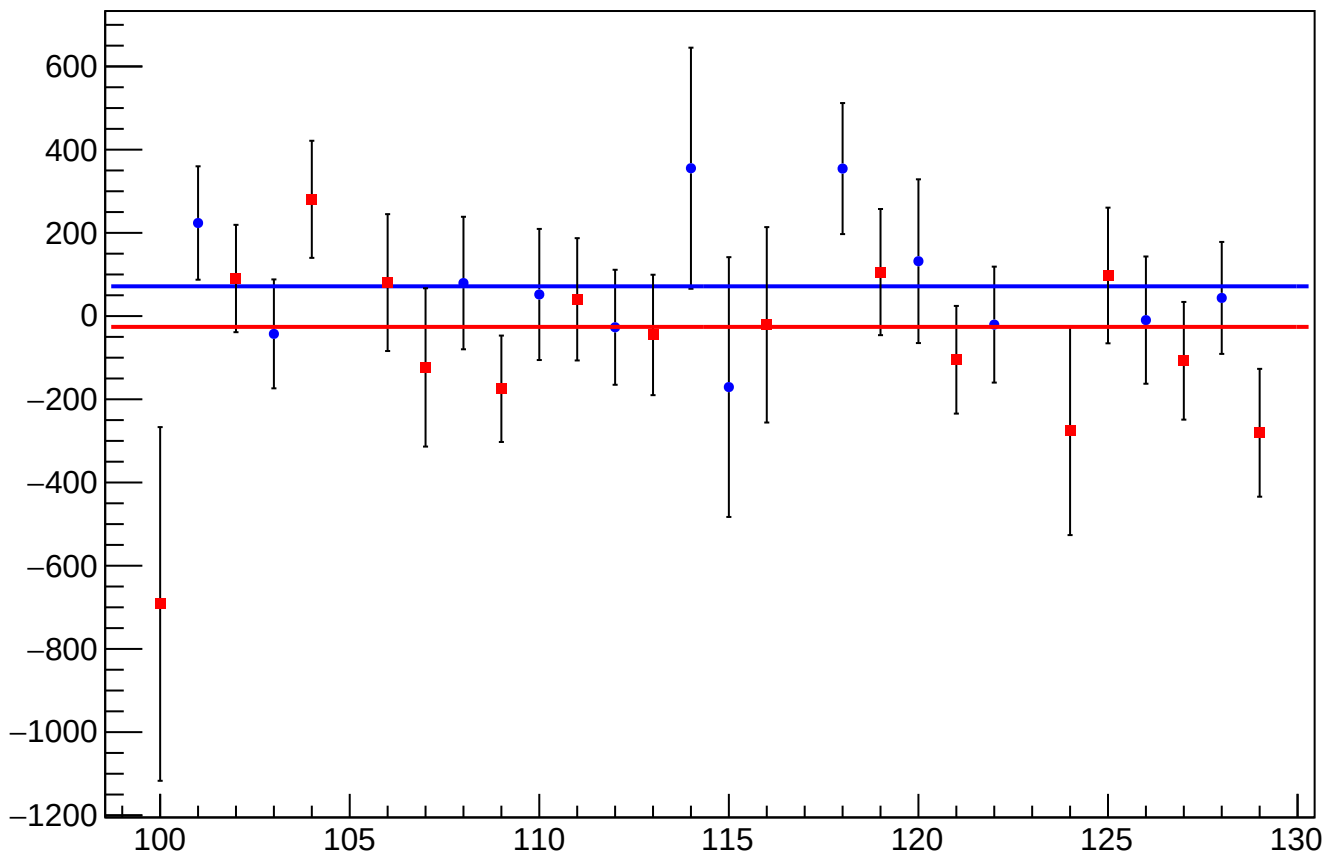
Right: 735.685+/-0.161 χ^2/NDF : 813809.3/26

In: 742.308+/-0.239 χ^2/NDF : 337874.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 735.685+/-0.161 χ^2/NDF : 813809.3/26

eigen_dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 71.531+/-45.545 χ^2/NDF : 8.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.992+/-40.717 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

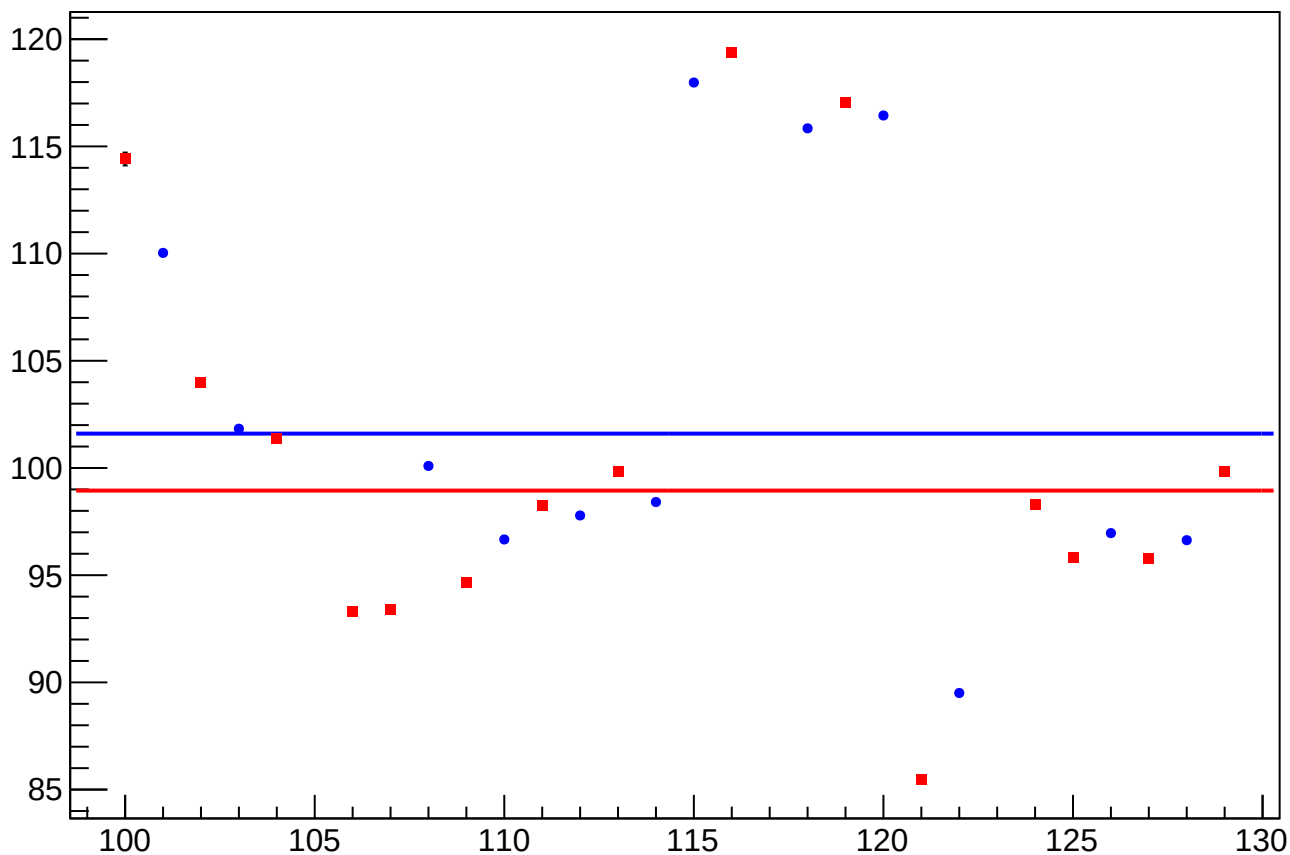
Right: 17.329+/-30.355 χ^2/NDF : 26.8/26

In: 71.531+/-45.545 χ^2/NDF : 8.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.329+/-30.355 χ^2/NDF : 26.8/26

eigen_dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 101.604 $\pm$ 0.032 χ^2 /NDF: 64433.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 98.945 $\pm$ 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

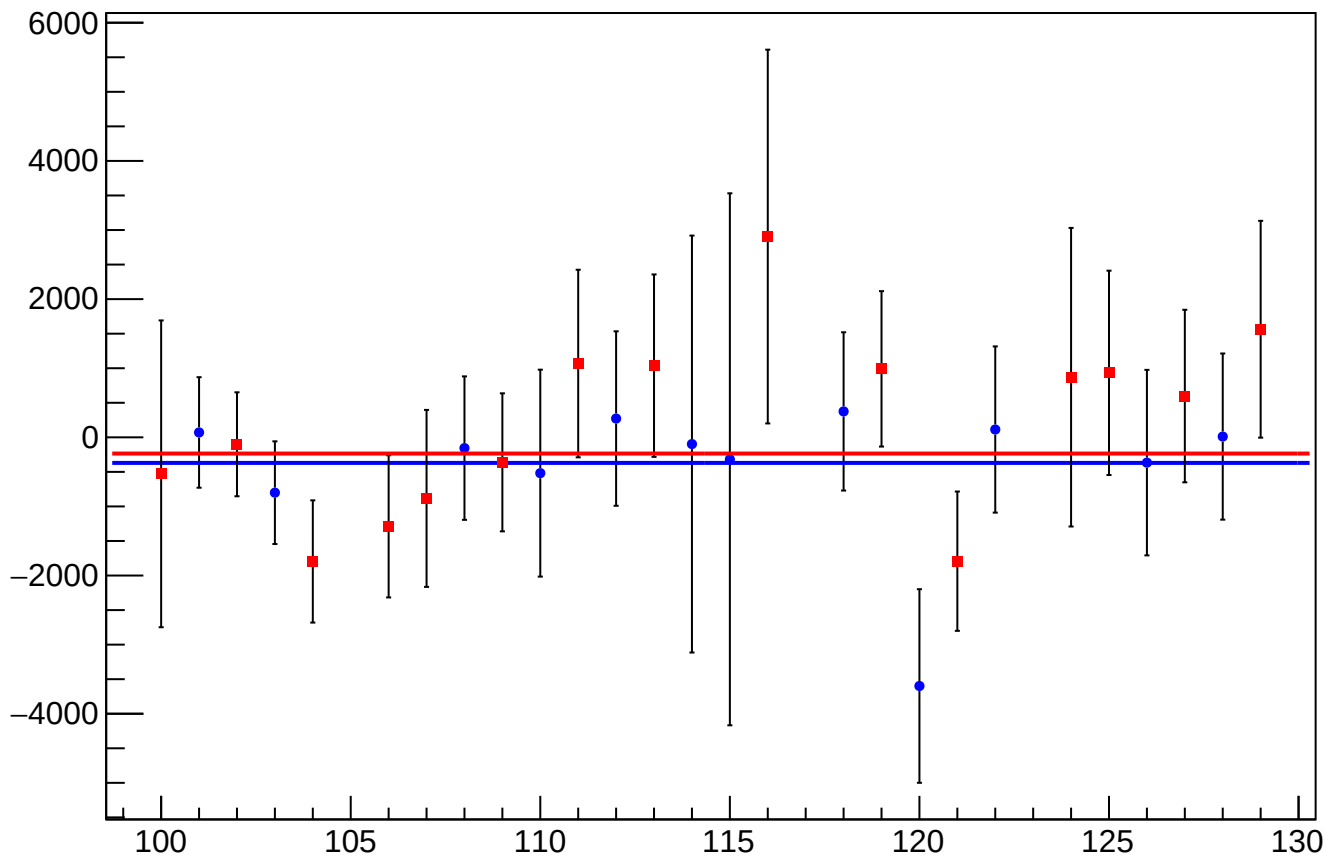
Right: 100.126 $\pm$ 0.021 χ^2 /NDF: 148223.1/26

In: 101.604 $\pm$ 0.032 χ^2 /NDF:64433.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 100.126 $\pm$ 0.021 χ^2 /NDF: 148223.1/26

asym_sam_15_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -370.009 $\pm$ 337.812 χ^2 /NDF: 7.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -234.669 $\pm$ 307.824 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

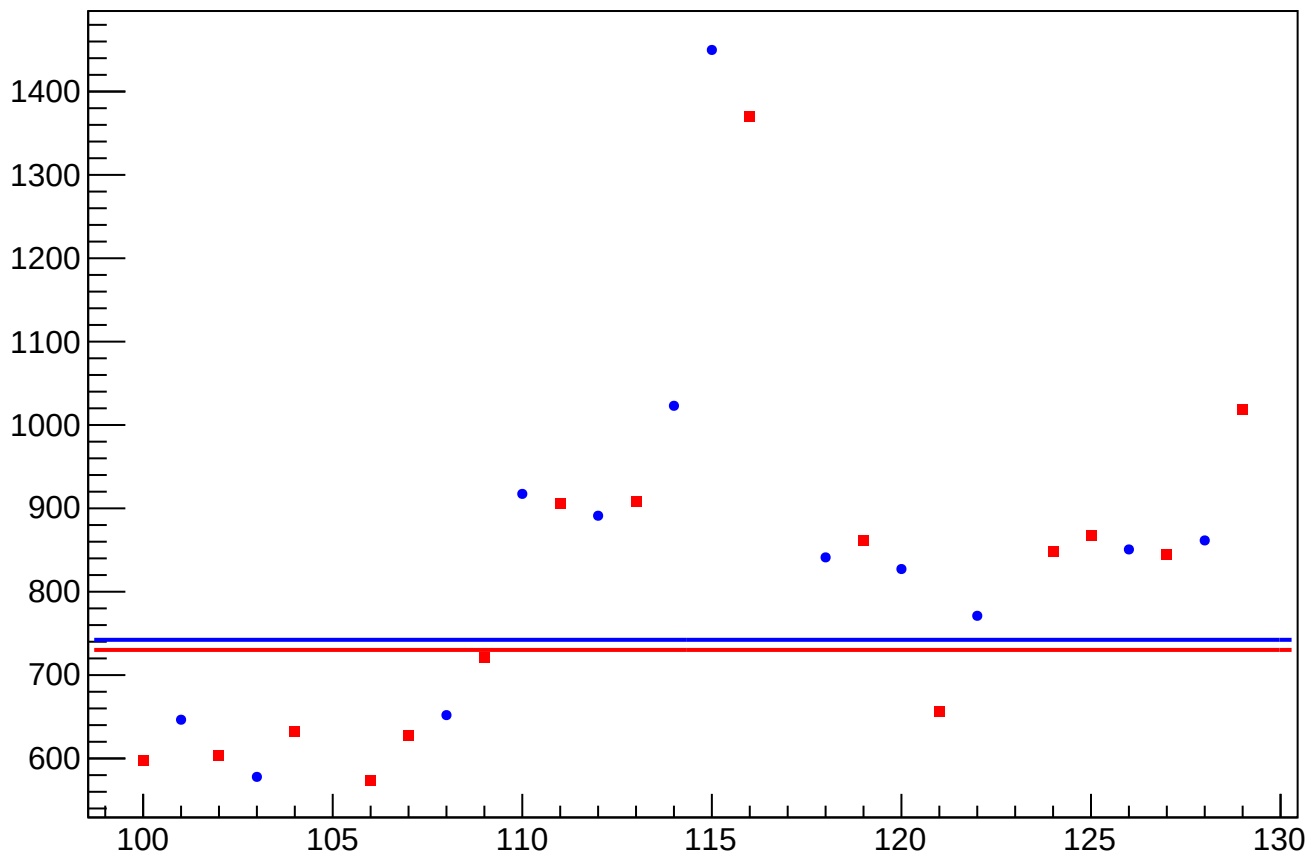
Right: -296.067 $\pm$ 227.529 χ^2 /NDF: 20.9/26

In: -370.009 $\pm$ 337.812 χ^2 /NDF: 7.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -296.067 $\pm$ 227.529 χ^2 /NDF: 20.9/26

asym_sam_15_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 742.307+/-0.239 χ^2/NDF : 337873.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

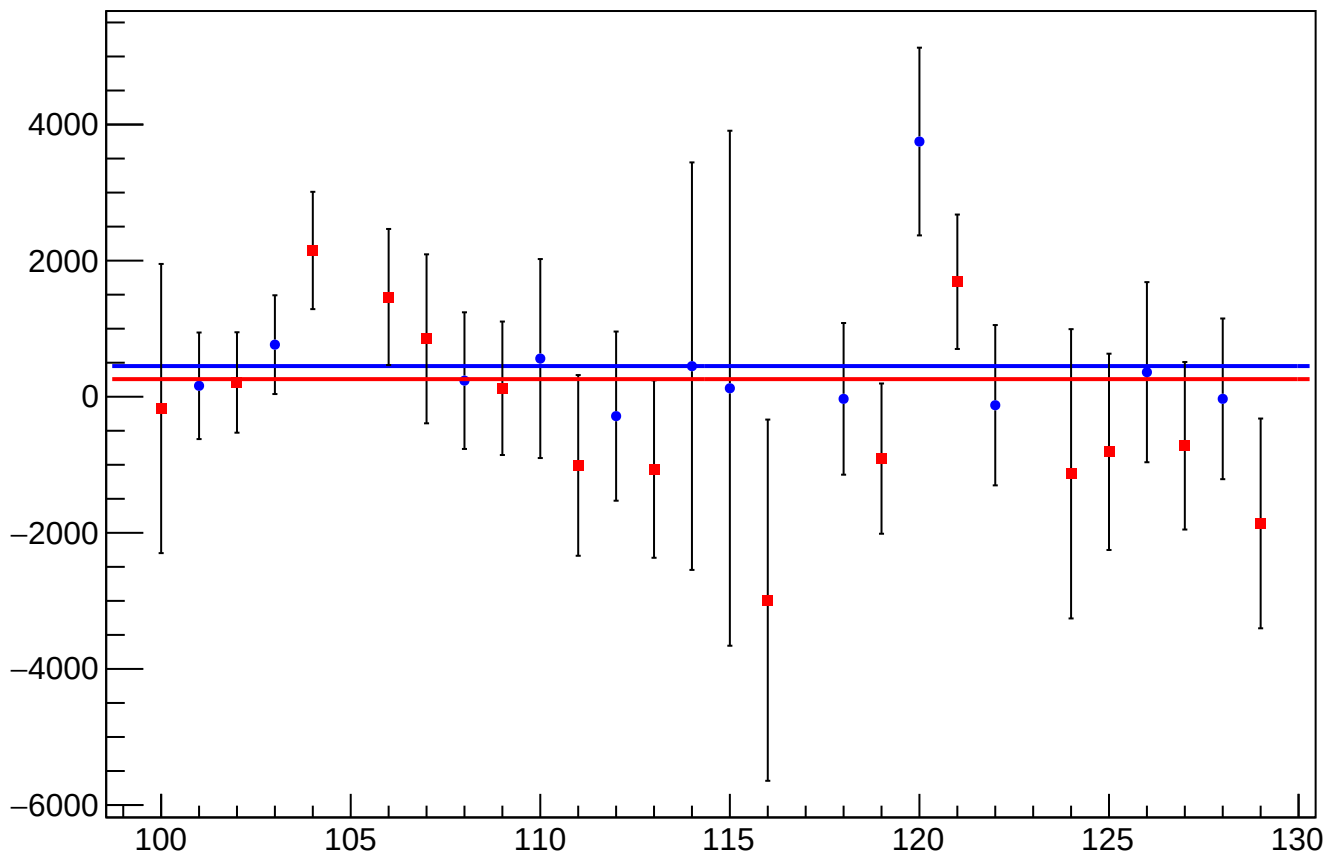
Right: 735.684+/-0.161 χ^2/NDF : 813806.8/26

In: 742.307+/-0.239 χ^2/NDF : 337873.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 735.684+/-0.161 χ^2/NDF : 813806.8/26

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 450.624+/-330.440 χ^2/NDF : 7.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

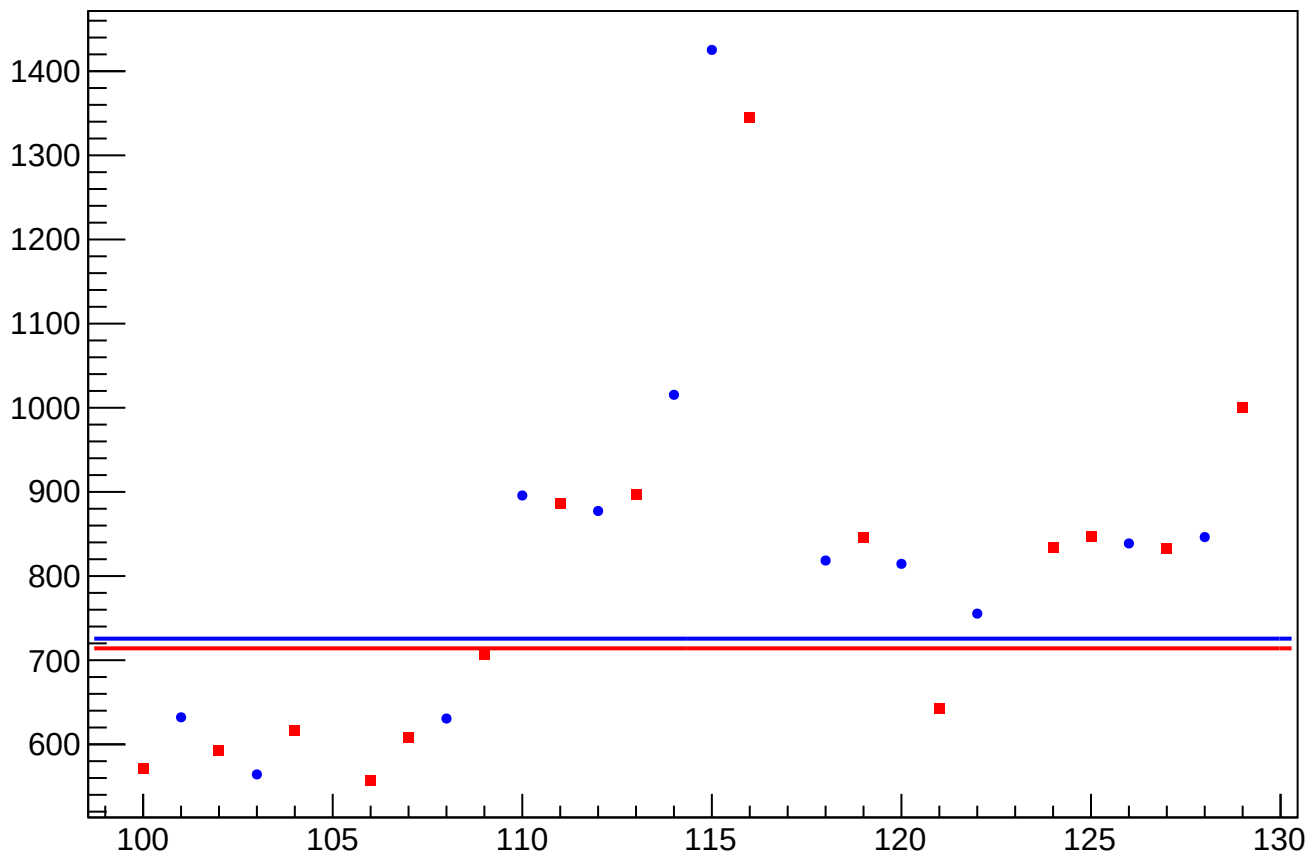
Right: 345.832+/-222.627 χ^2/NDF : 24.0/26

In: 450.624+/-330.440 χ^2/NDF : 7.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 345.832+/-222.627 χ^2/NDF : 24.0/26

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 725.618+/-0.234 χ^2/NDF : 348252.3/11

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

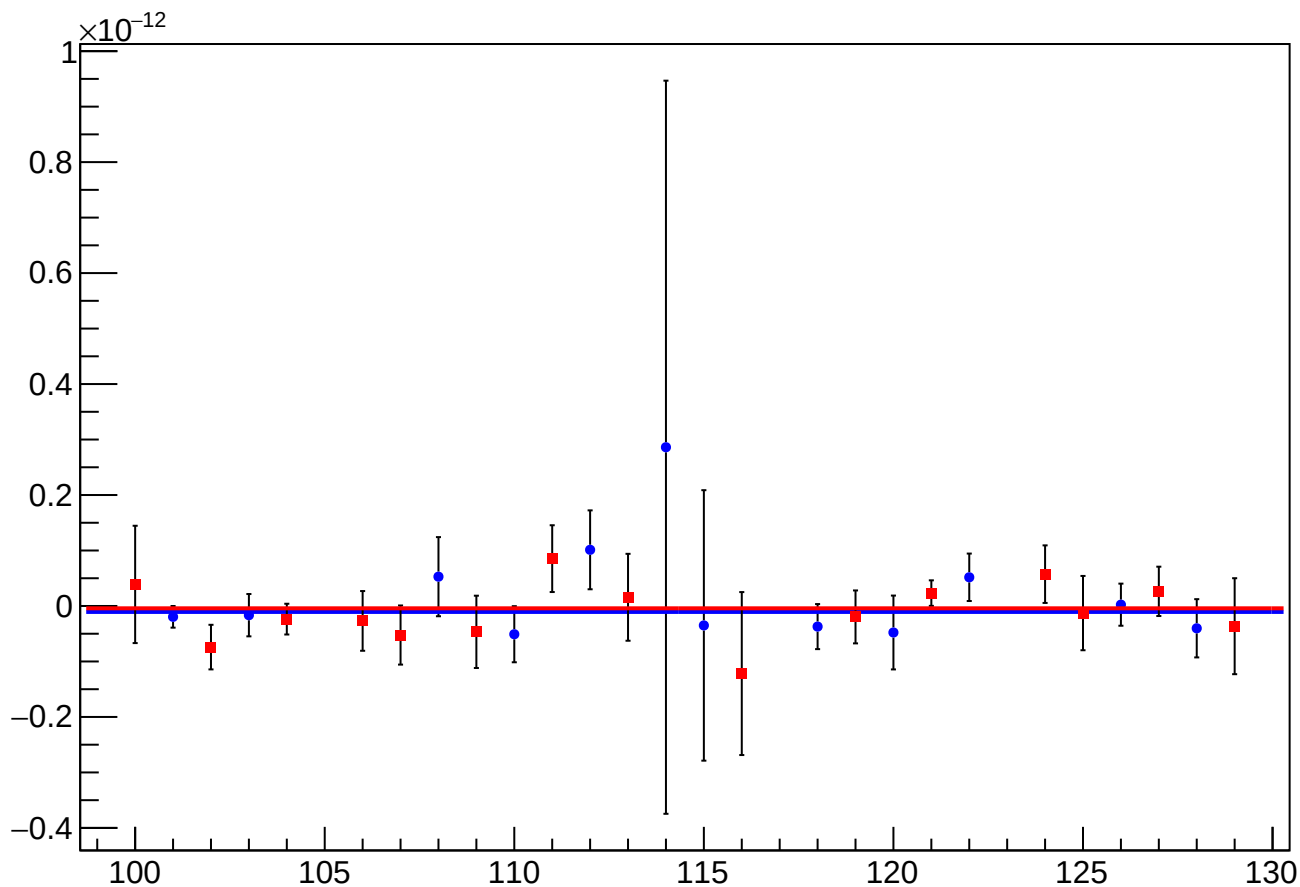
Right: 719.322+/-0.157 χ^2/NDF : 837734.7/26

In: 725.618+/-0.234 χ^2/NDF : 348252.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 719.322+/-0.157 χ^2/NDF : 837734.7/26

asym_sam_15_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

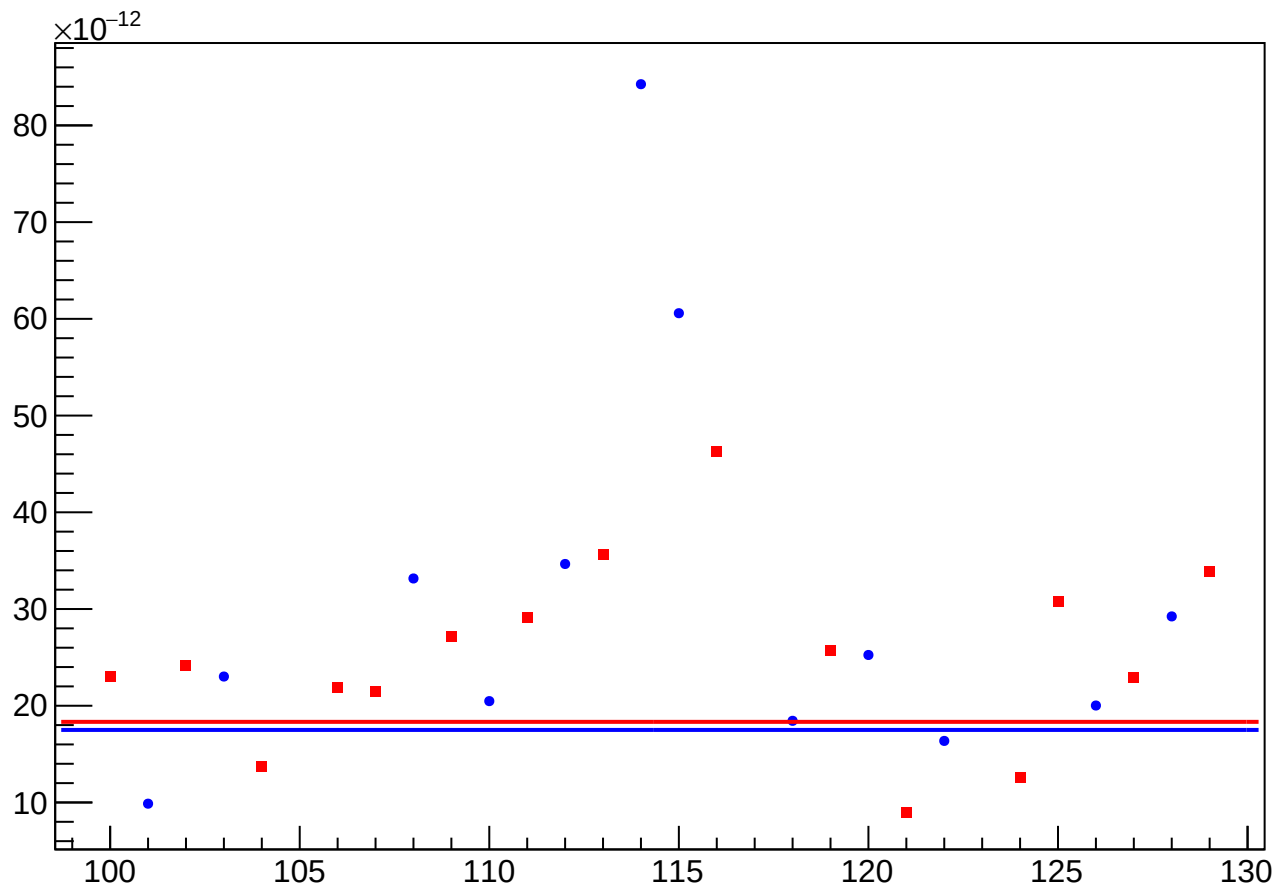
Right: -0.000+/-0.000 χ^2/NDF : 19.4/26

In: -0.000+/-0.000 χ^2/NDF : 7.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.4/26

asym_sam_15_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 788423.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

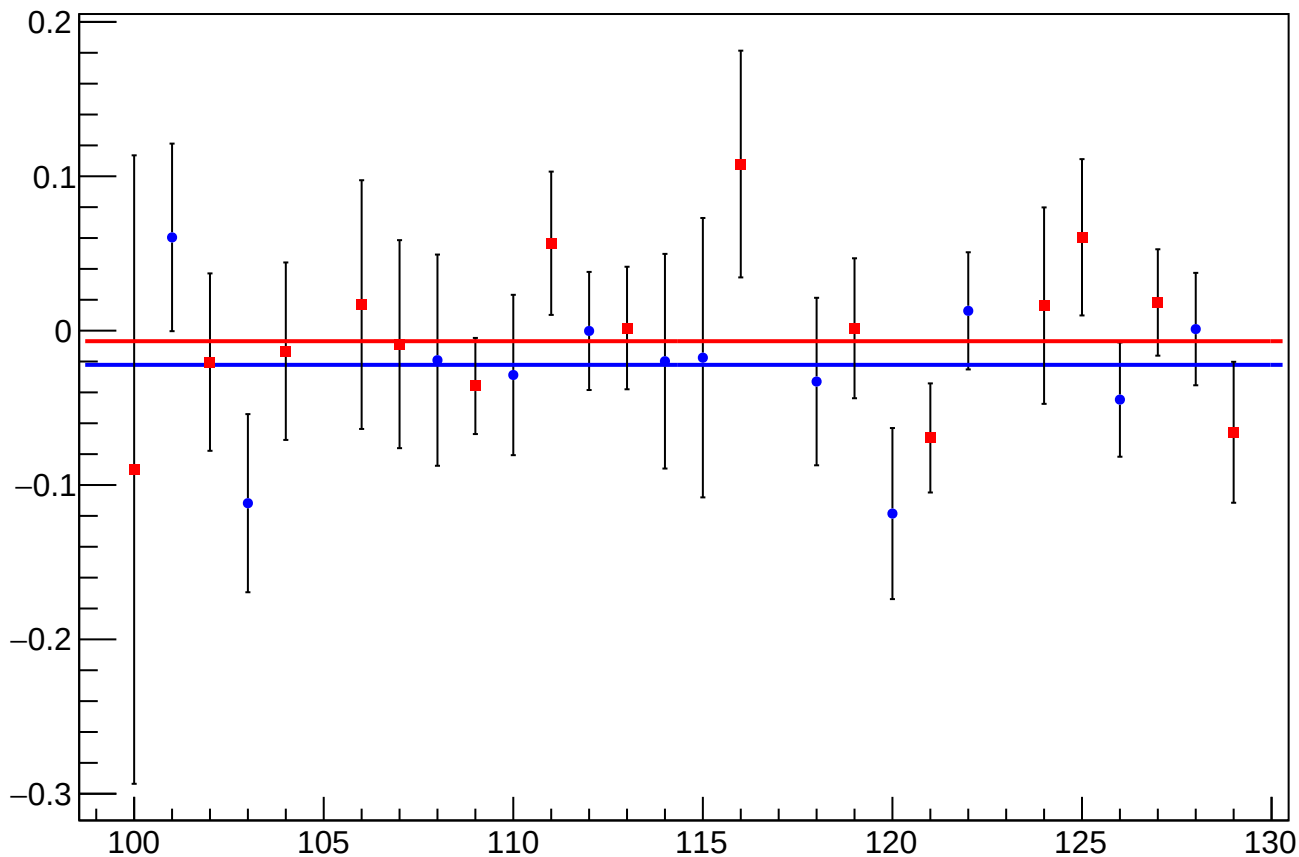
Right: 0.000+/-0.000 χ^2/NDF : 1741268.5/26

In: 0.000+/-0.000 χ^2/NDF : 788423.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1741268.5/26

asym_sam_15_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022 ± 0.014 χ^2/NDF : 9.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.007 ± 0.012 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

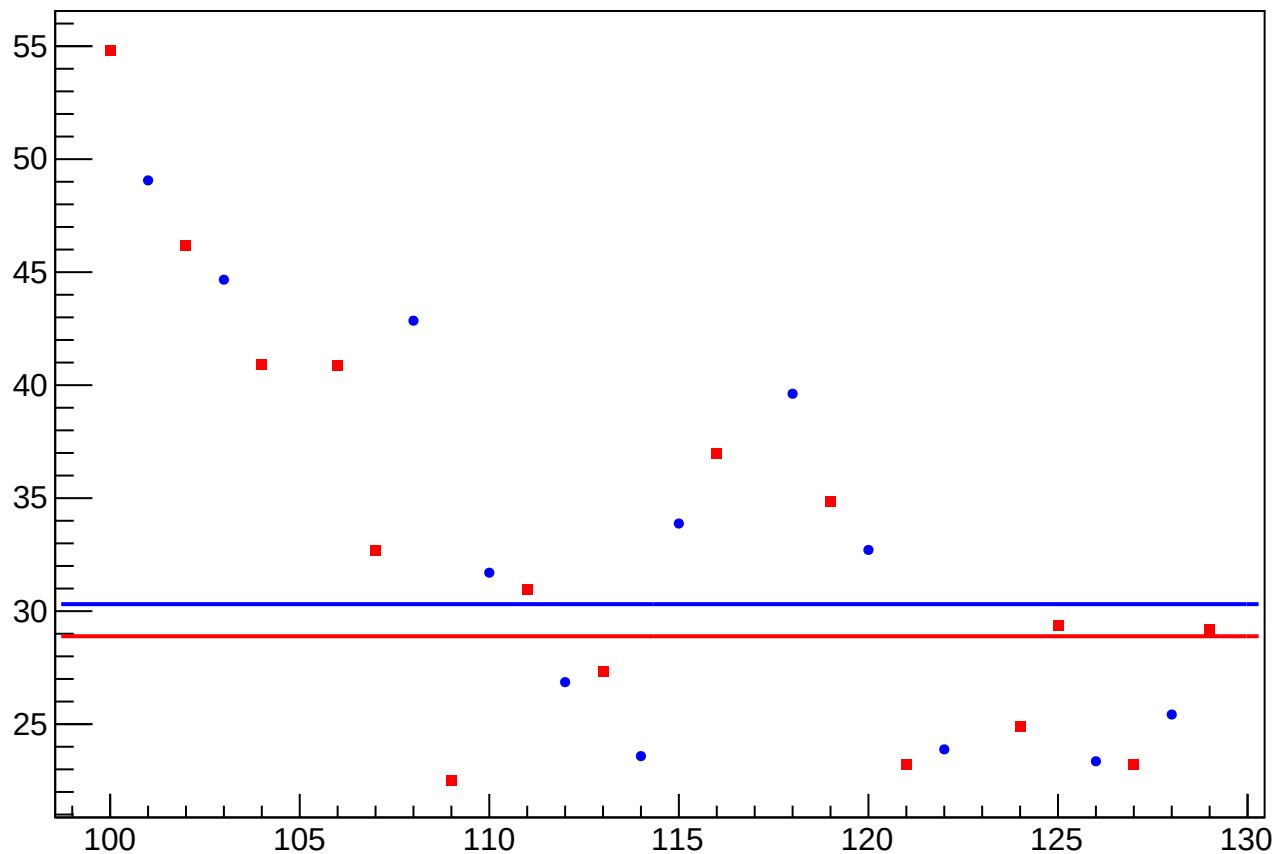
Right: -0.013 ± 0.009 χ^2/NDF : 22.8/26

In: -0.022 ± 0.014 χ^2/NDF : 9.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.013 ± 0.009 χ^2/NDF : 22.8/26

asym_sam_15_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.310+/-0.010 χ^2/NDF : 647675.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.889+/-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

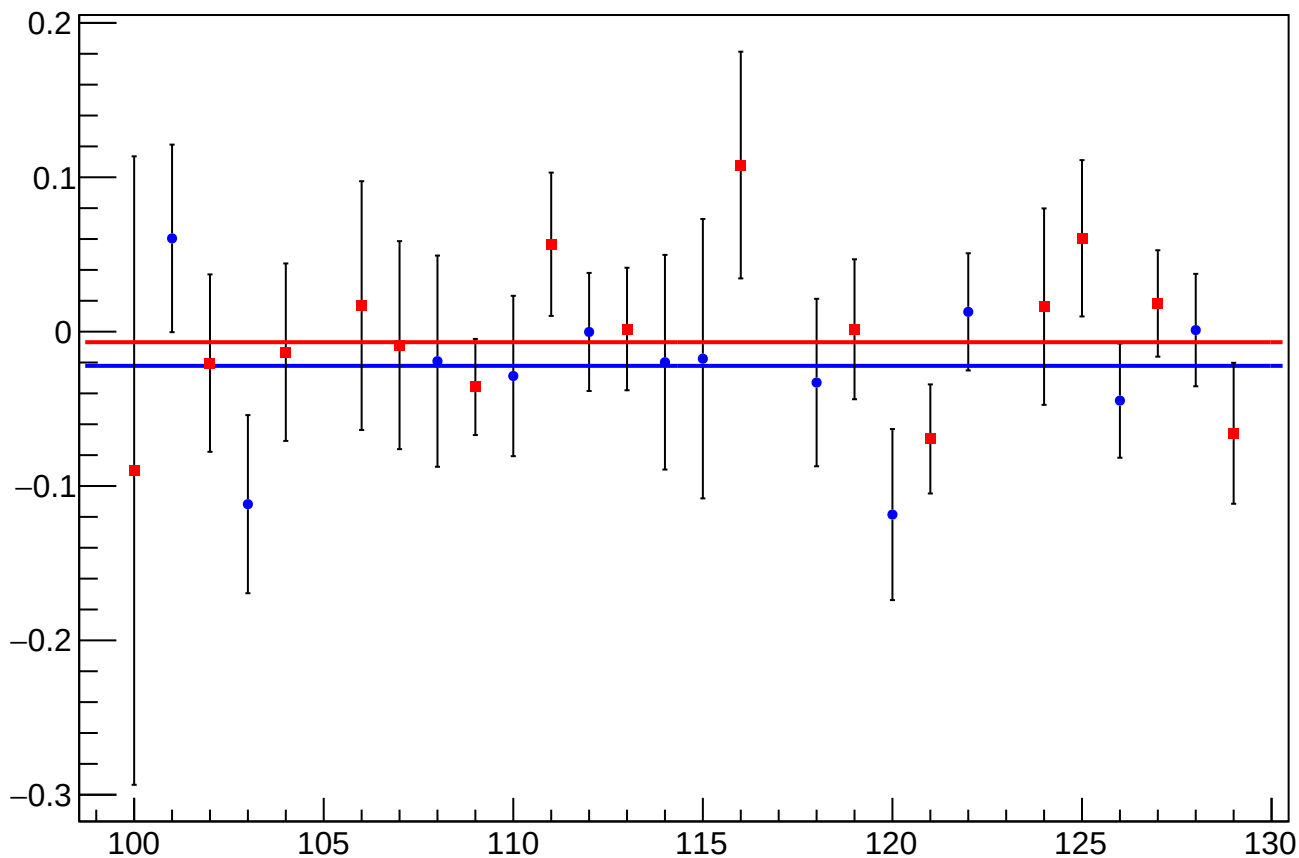
Right: 29.504+/-0.007 χ^2/NDF : 1274905.1/26

In: 30.310+/-0.010 χ^2/NDF : 647675.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.504+/-0.007 χ^2/NDF : 1274905.1/26

asym_sam_15_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022 ± 0.014 χ^2/NDF : 9.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.007 ± 0.012 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

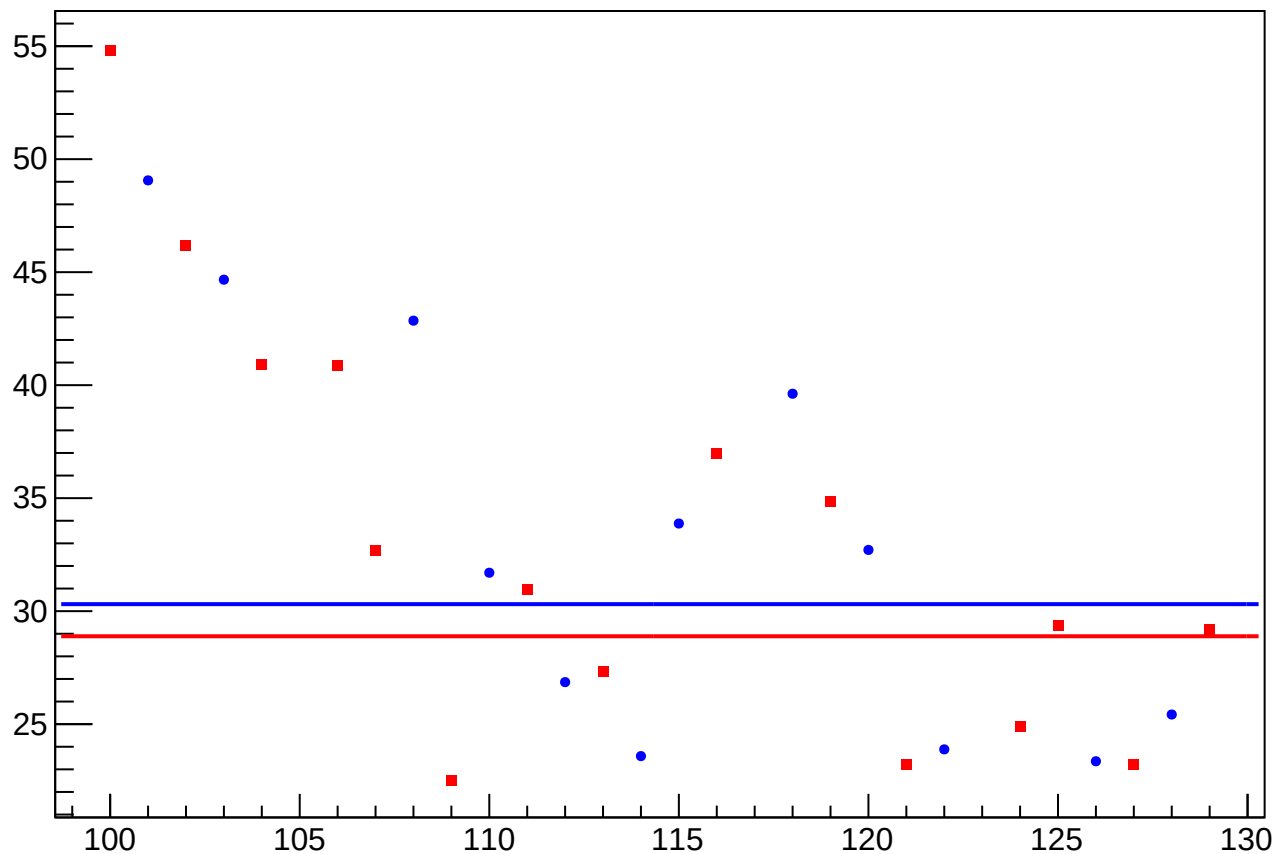
Right: -0.013 ± 0.009 χ^2/NDF : 22.8/26

In: -0.022 ± 0.014 χ^2/NDF : 9.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.013 ± 0.009 χ^2/NDF : 22.8/26

asym_sam_15_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.310+/-0.010 χ^2/NDF : 647675.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.889+/-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

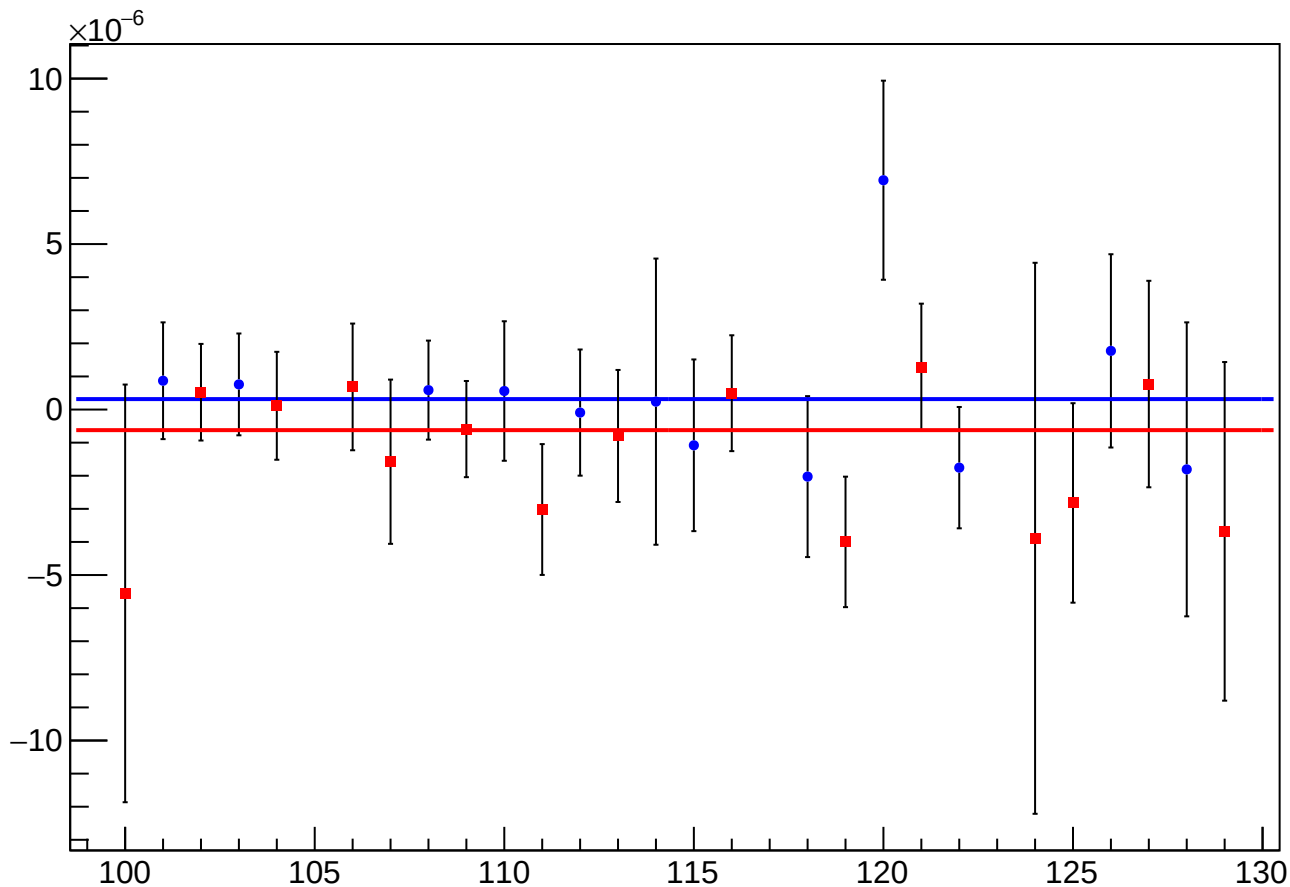
Right: 29.504+/-0.007 χ^2/NDF : 1274905.1/26

In: 30.310+/-0.010 χ^2/NDF : 647675.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.504+/-0.007 χ^2/NDF : 1274905.1/26

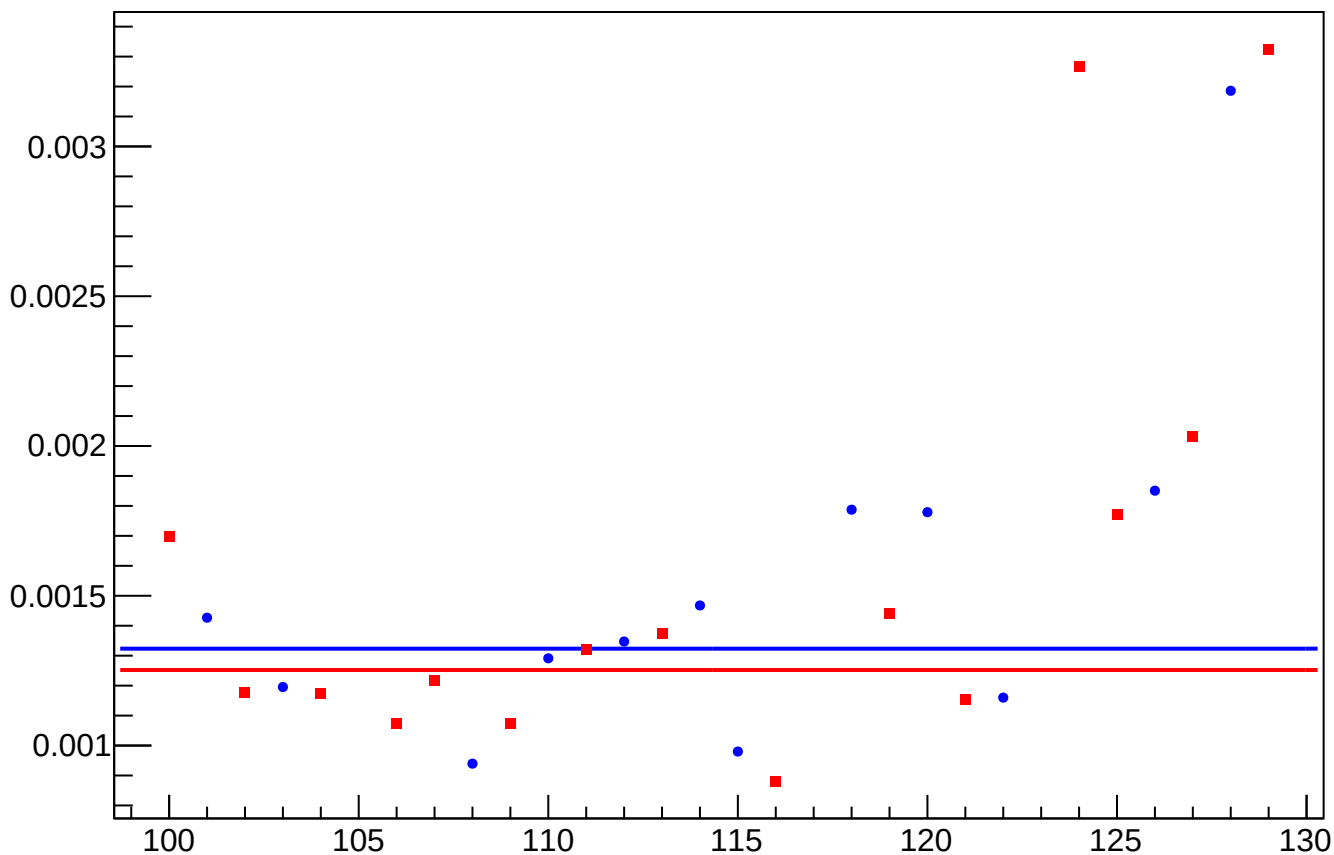
asym_sam_15_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.1/11
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 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 : 18.5/26
 In: 0.000+/-0.000 χ^2/NDF : 8.1/11
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 18.5/26

asym_sam_15_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 742019.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 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

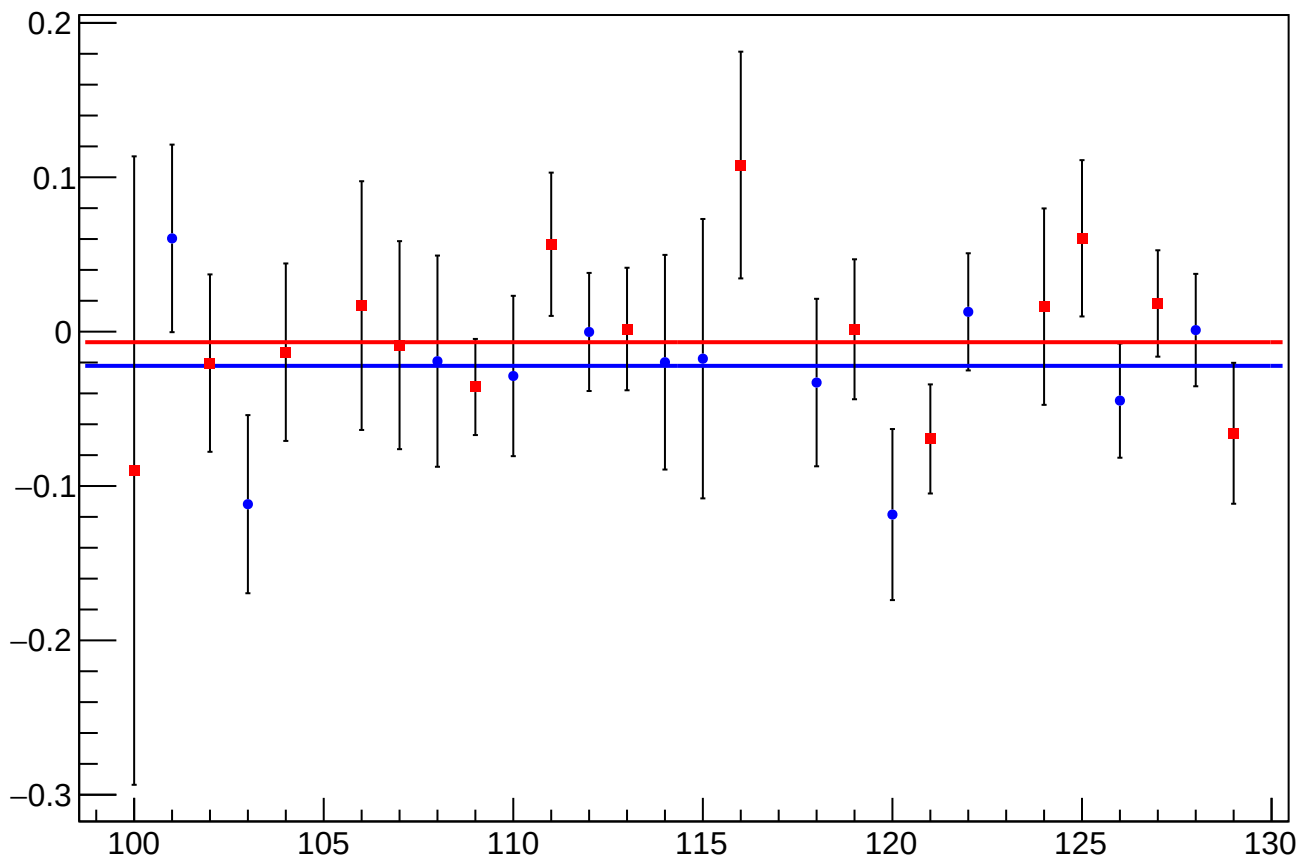
Right: 0.001+/-0.000 χ^2/NDF : 1577758.9/26

In: 0.001+/-0.000 χ^2/NDF : 742019.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1577758.9/26

asym_sam_15_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022 ± 0.014 χ^2/NDF : 9.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.007 ± 0.012 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

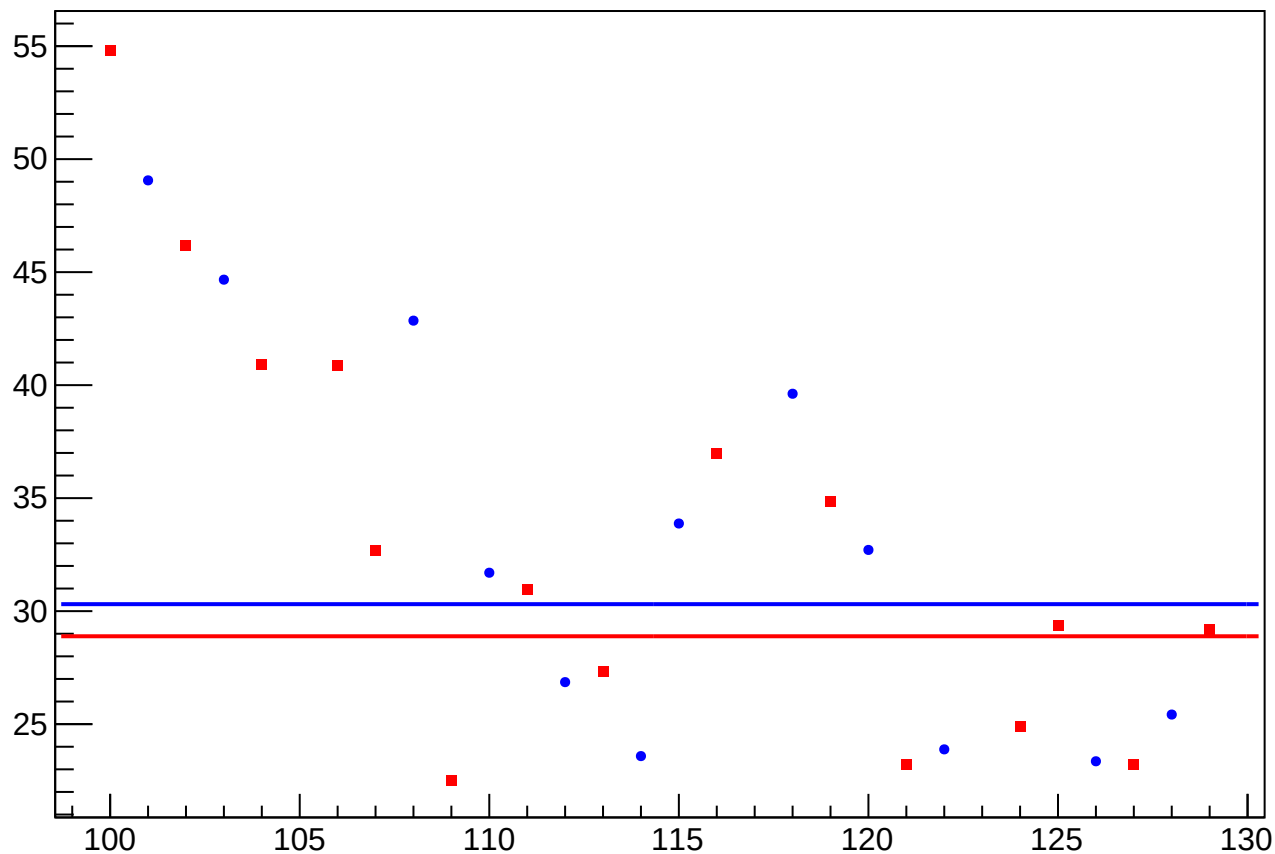
Right: -0.013 ± 0.009 χ^2/NDF : 22.8/26

In: -0.022 ± 0.014 χ^2/NDF : 9.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.013 ± 0.009 χ^2/NDF : 22.8/26

asym_sam_15_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.309+/-0.010 χ^2/NDF : 647736.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.888+/-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

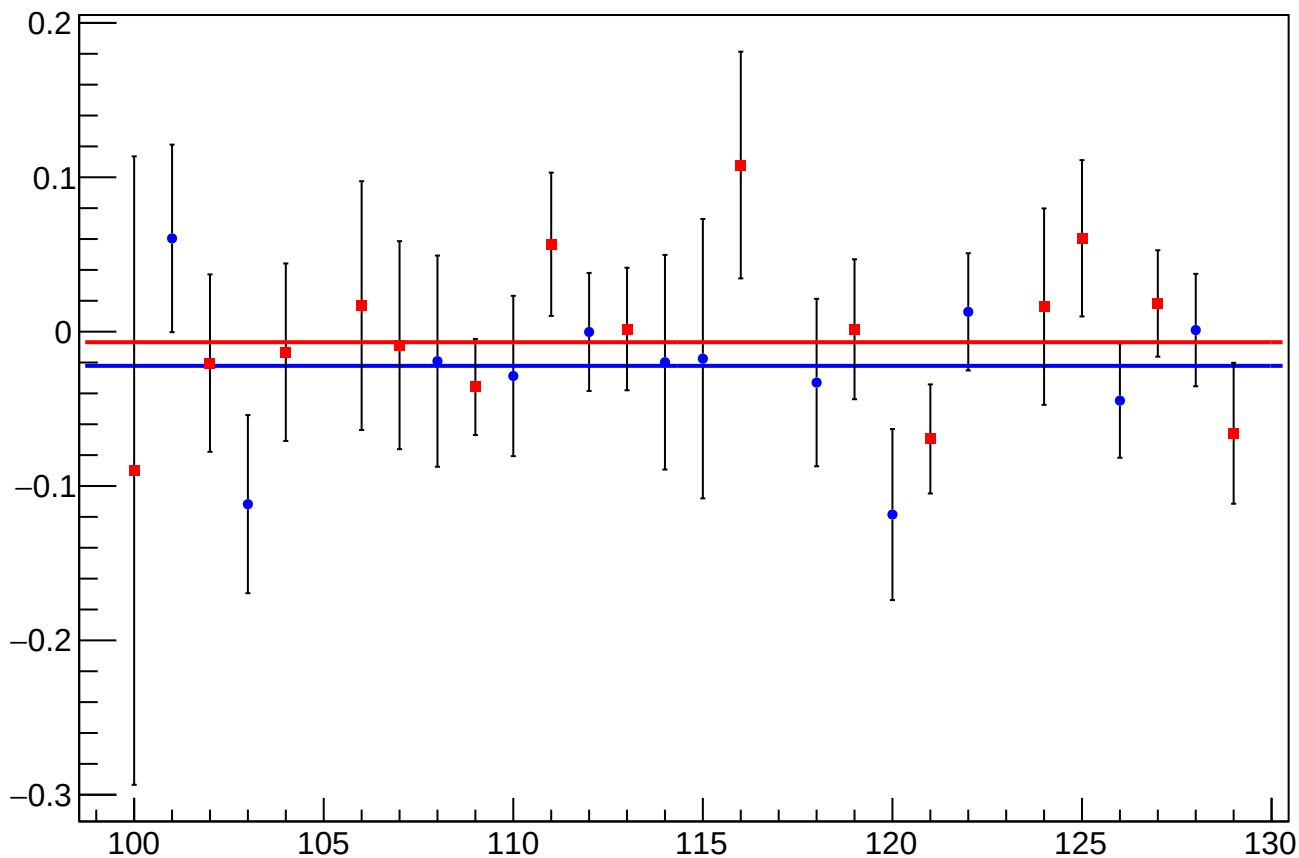
Right: 29.503+/-0.007 χ^2/NDF : 1275044.3/26

In: 30.309+/-0.010 χ^2/NDF : 647736.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.503+/-0.007 χ^2/NDF : 1275044.3/26

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022 $\pm$ 0.014 χ^2 /NDF: 9.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.007 $\pm$ 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

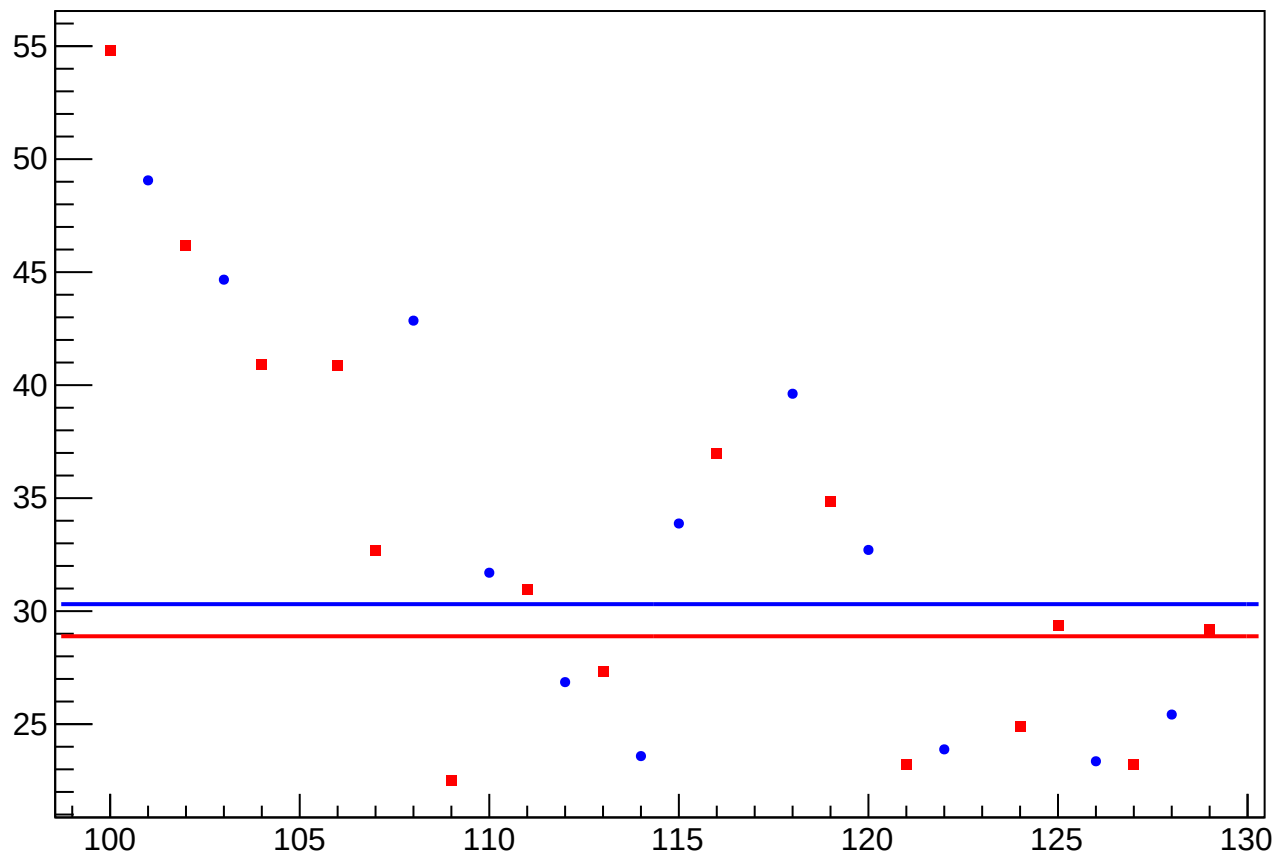
Right: -0.013 $\pm$ 0.009 χ^2 /NDF: 22.8/26

In: -0.022 $\pm$ 0.014 χ^2 /NDF:9.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.009 χ^2 /NDF: 22.8/26

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.309+/-0.010 χ^2/NDF : 647736.3/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 28.888+/-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

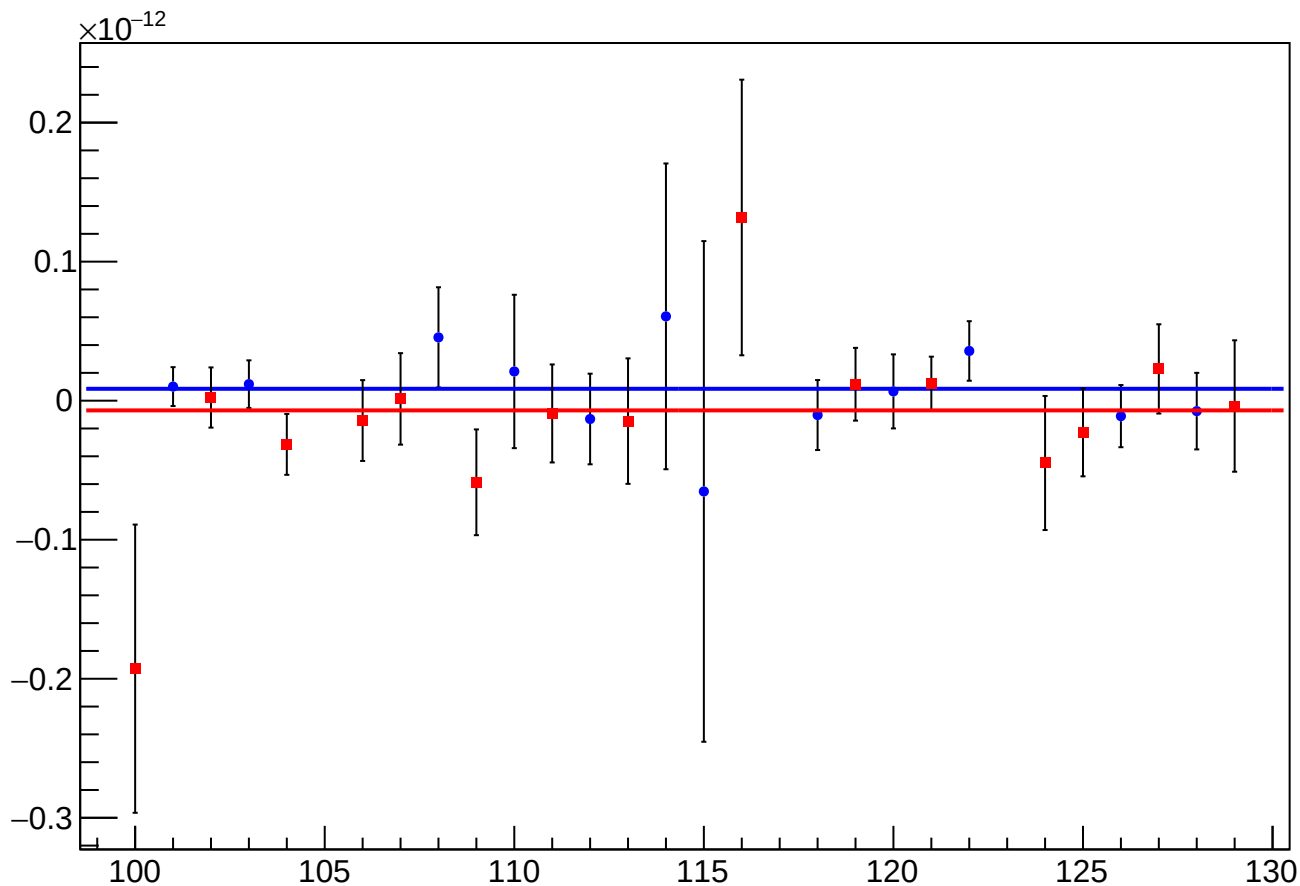
Right: 29.503+/-0.007 χ^2/NDF : 1275044.3/26

In: 30.309+/-0.010 χ^2/NDF :647736.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 29.503+/-0.007 χ^2/NDF : 1275044.3/26

asym_sam_15_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 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

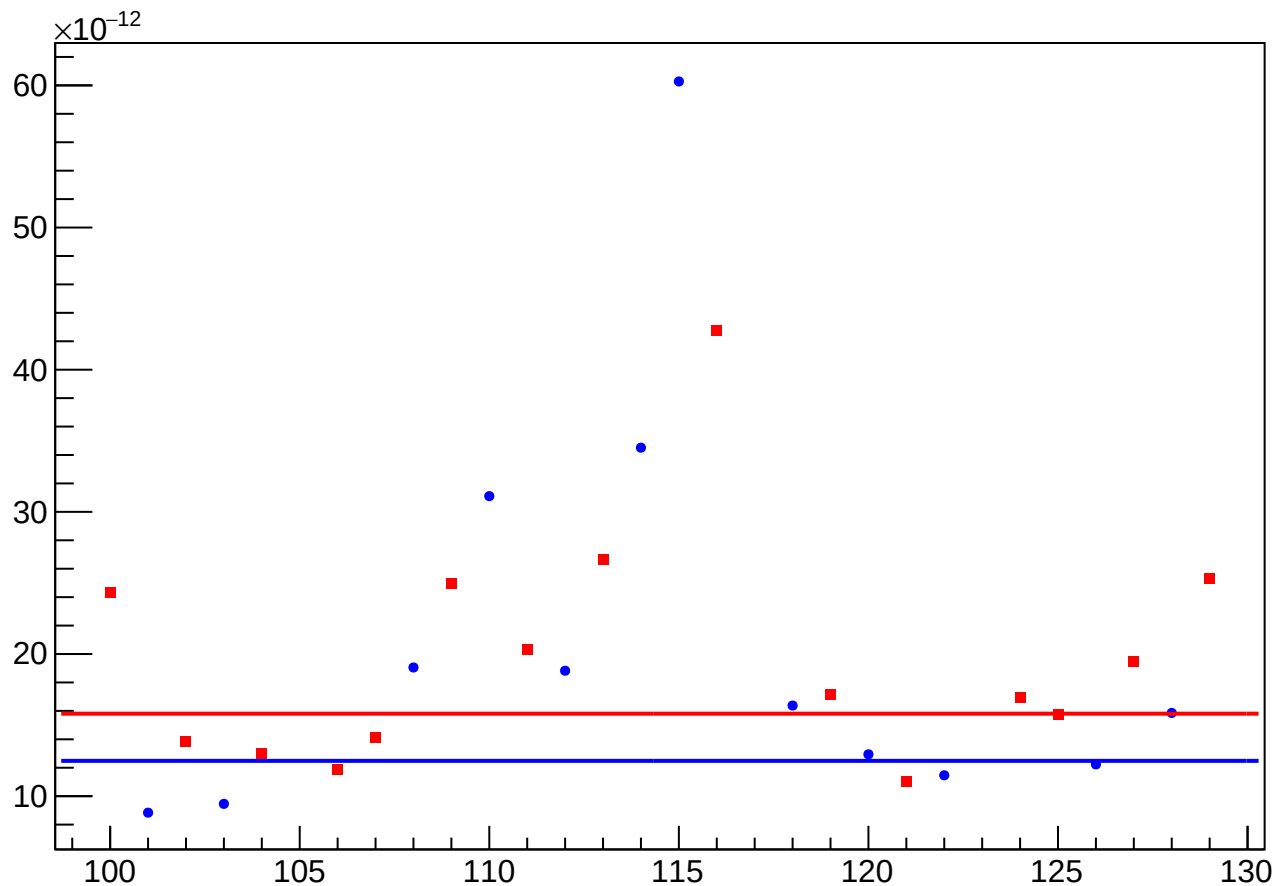
Right: 0.000+/-0.000 χ^2/NDF : 19.2/26

In: 0.000+/-0.000 χ^2/NDF : 5.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.2/26

asym_sam_15_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 872543.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

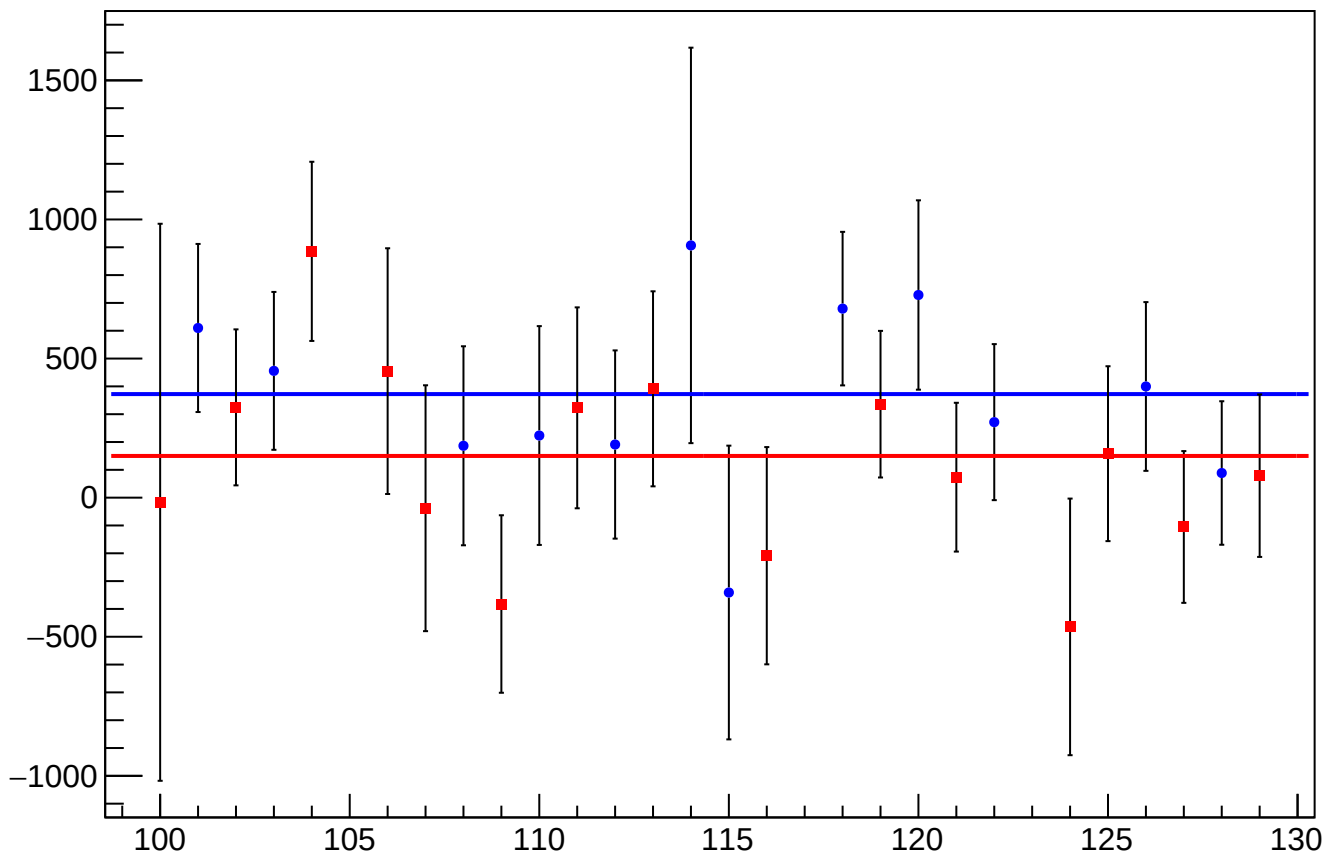
Right: 0.000+/-0.000 χ^2/NDF : 1813953.7/26

In: 0.000+/-0.000 χ^2/NDF : 872543.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1813953.7/26

reg_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 372.282 ± 94.346 χ^2/NDF : 7.5/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 149.920 ± 86.331 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

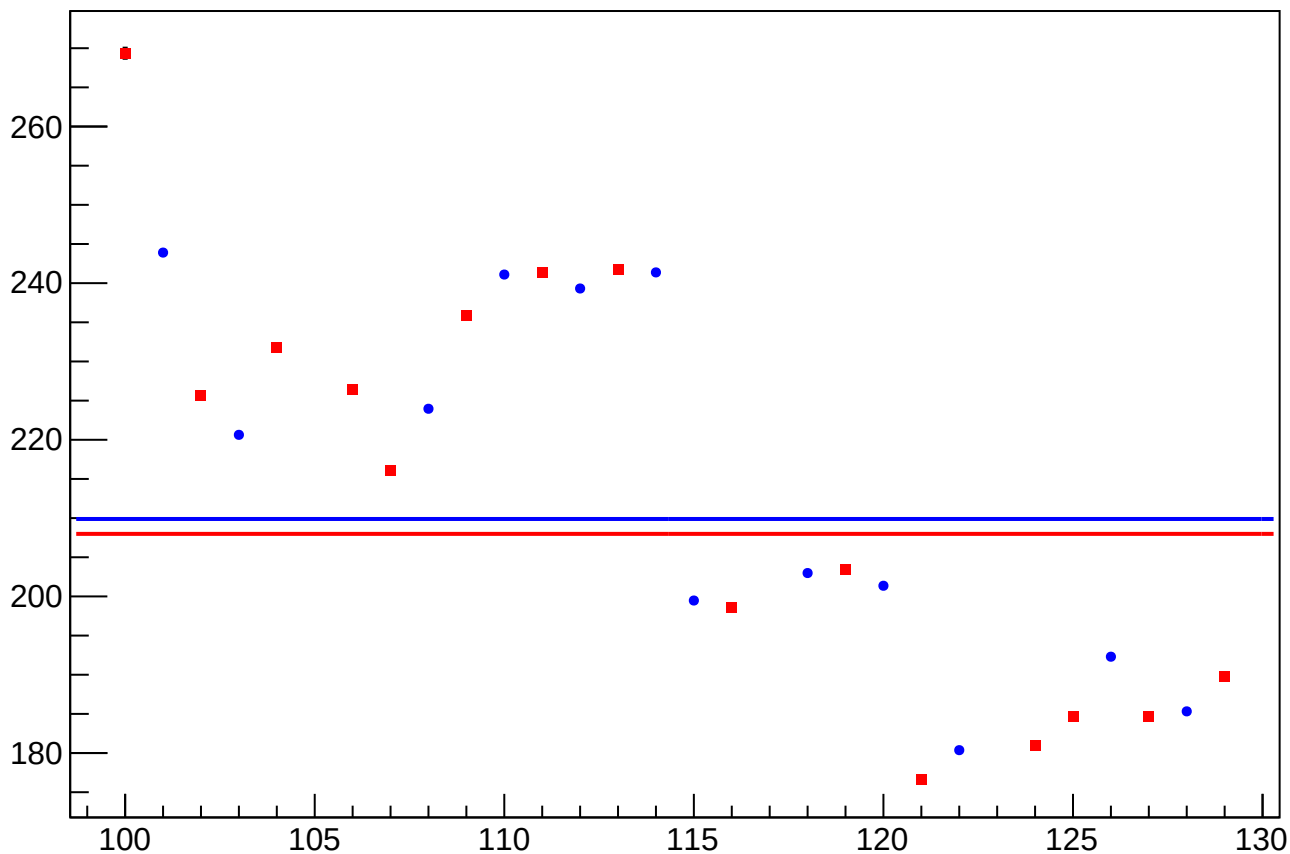
Right: 251.256 ± 63.691 χ^2/NDF : 24.4/26

In: 372.282 ± 94.346 χ^2/NDF : 7.5/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 251.256 ± 63.691 χ^2/NDF : 24.4/26

reg_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 209.888+/-0.067 χ^2/NDF : 113278.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 207.986+/-0.061 χ^2/NDF : 150947.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

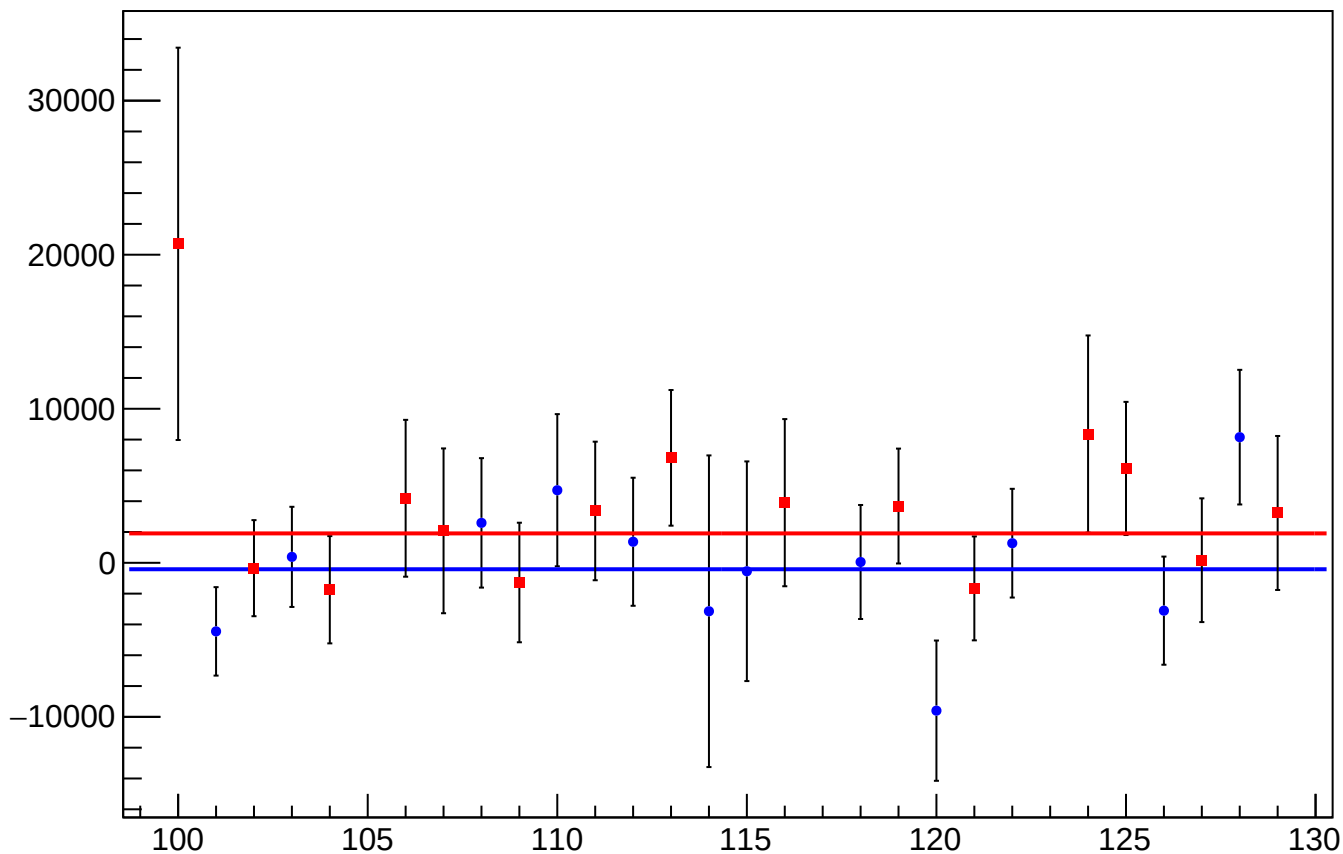
Right: 208.853+/-0.045 χ^2/NDF : 264668.4/26

In: 209.888+/-0.067 χ^2/NDF : 113278.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 208.853+/-0.045 χ^2/NDF : 264668.4/26

asym_sam_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -417.733+/-1165.593 χ^2/NDF : 12.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

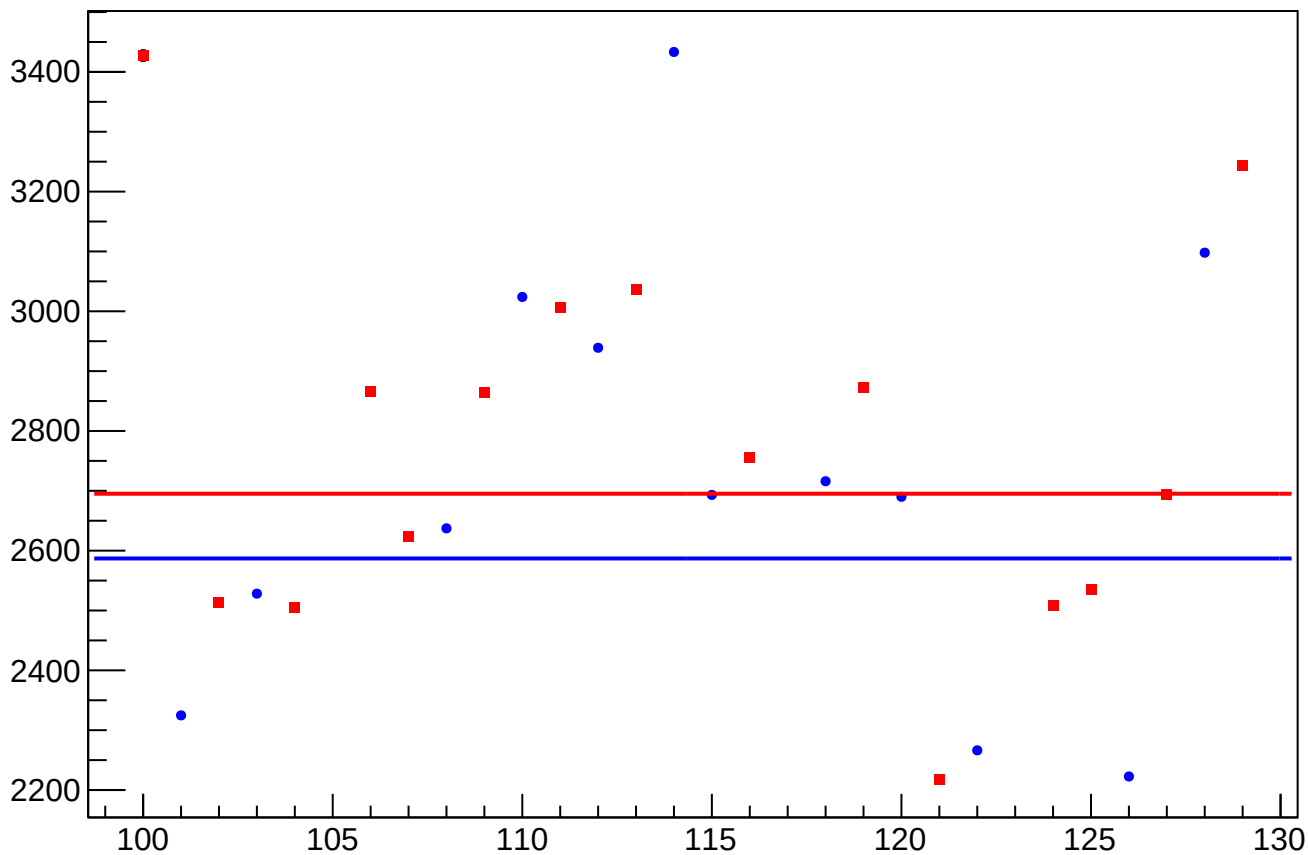
Right: 798.711+/-805.243 χ^2/NDF : 24.5/26

In: -417.733+/-1165.593 χ^2/NDF : 12.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 798.711+/-805.243 χ^2/NDF : 24.5/26

asym_sam_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2586.937+/-0.824 χ^2/NDF : 130931.1/11

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

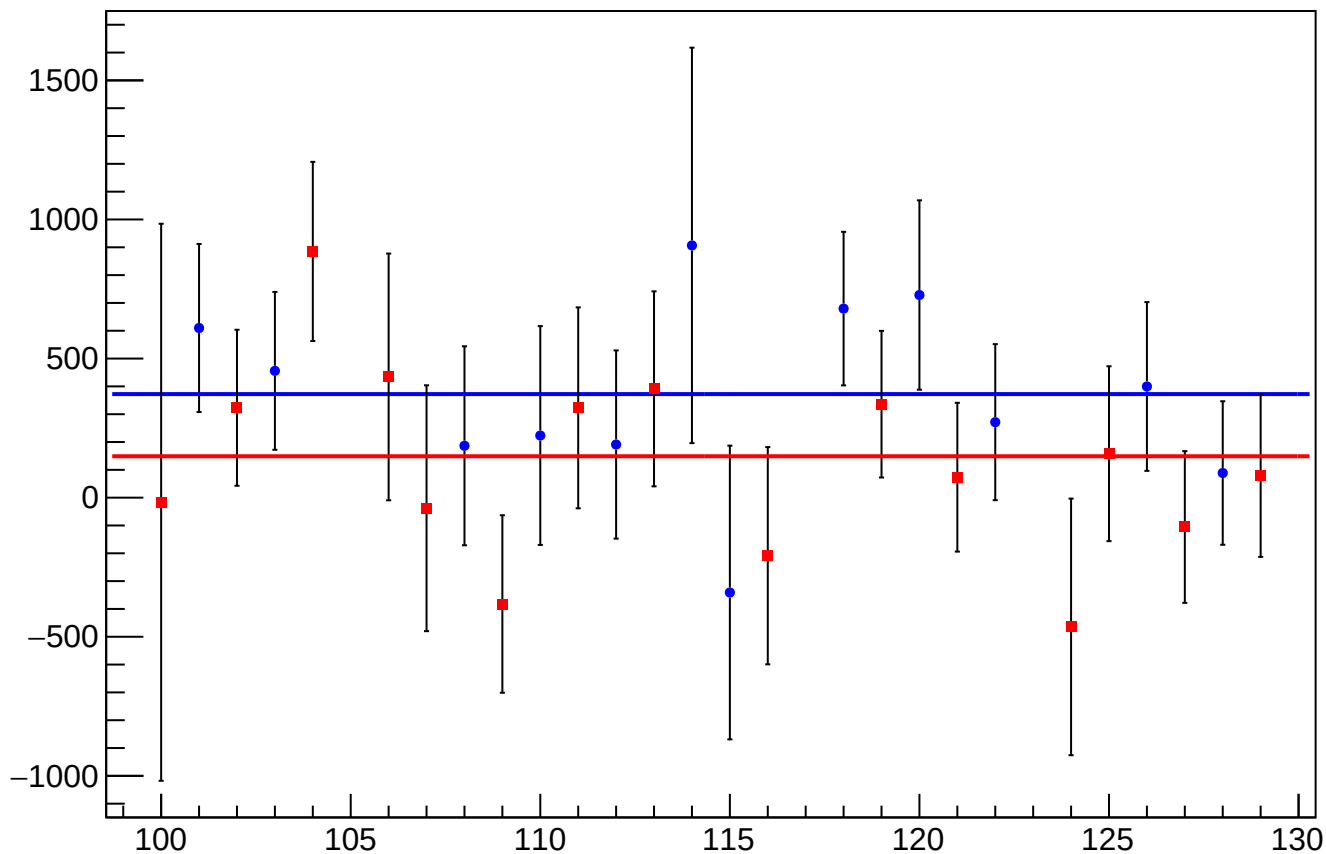
Right: 2643.499+/-0.569 χ^2/NDF : 260701.3/26

In: 2586.937+/-0.824 χ^2/NDF : 130931.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2643.499+/-0.569 χ^2/NDF : 260701.3/26

cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 372.301 $\pm$ 94.346 χ^2 /NDF: 7.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 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

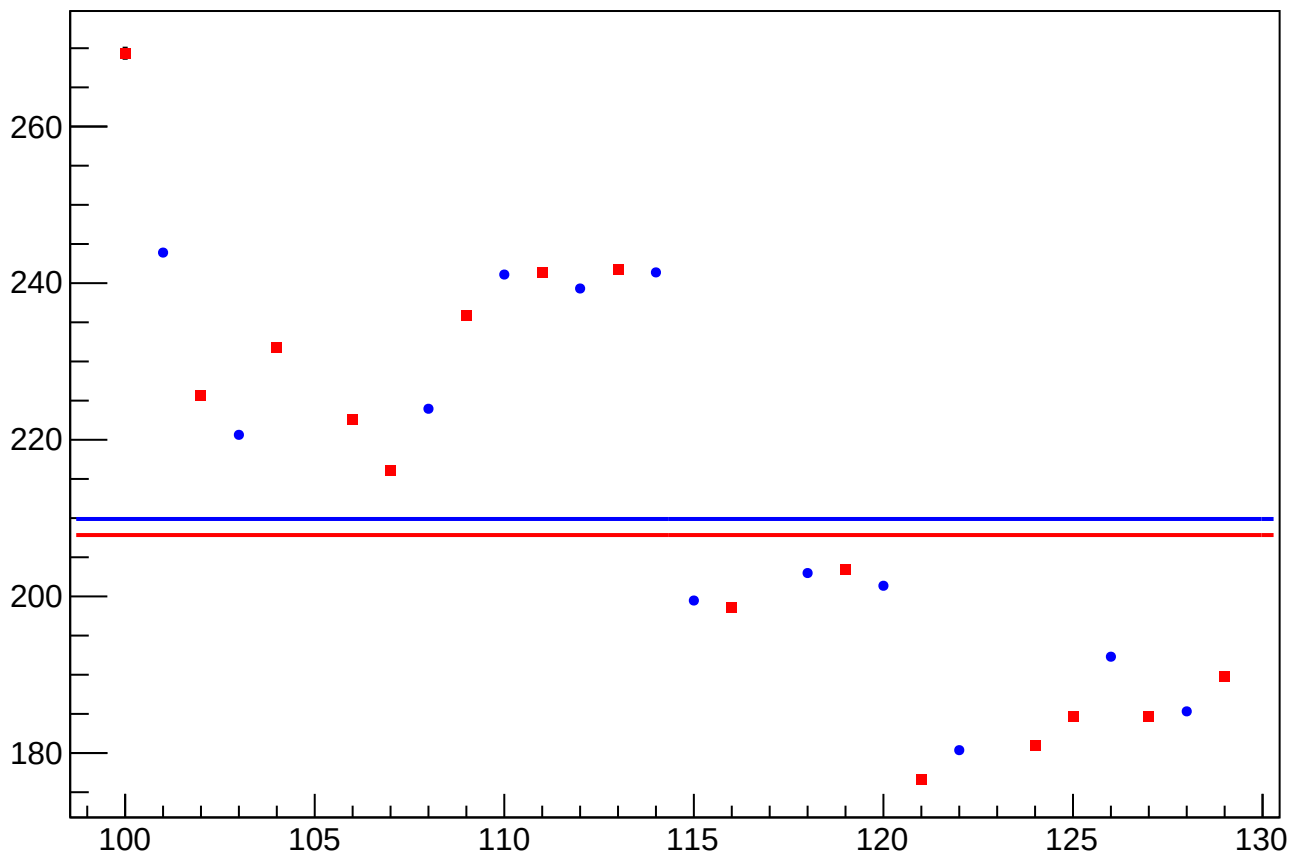
Right: 250.715 $\pm$ 63.697 χ^2 /NDF: 24.4/26

In: 372.301 $\pm$ 94.346 χ^2 /NDF:7.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 250.715 $\pm$ 63.697 χ^2 /NDF: 24.4/26

cor_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 209.888+/-0.067 χ^2/NDF : 113278.2/11

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

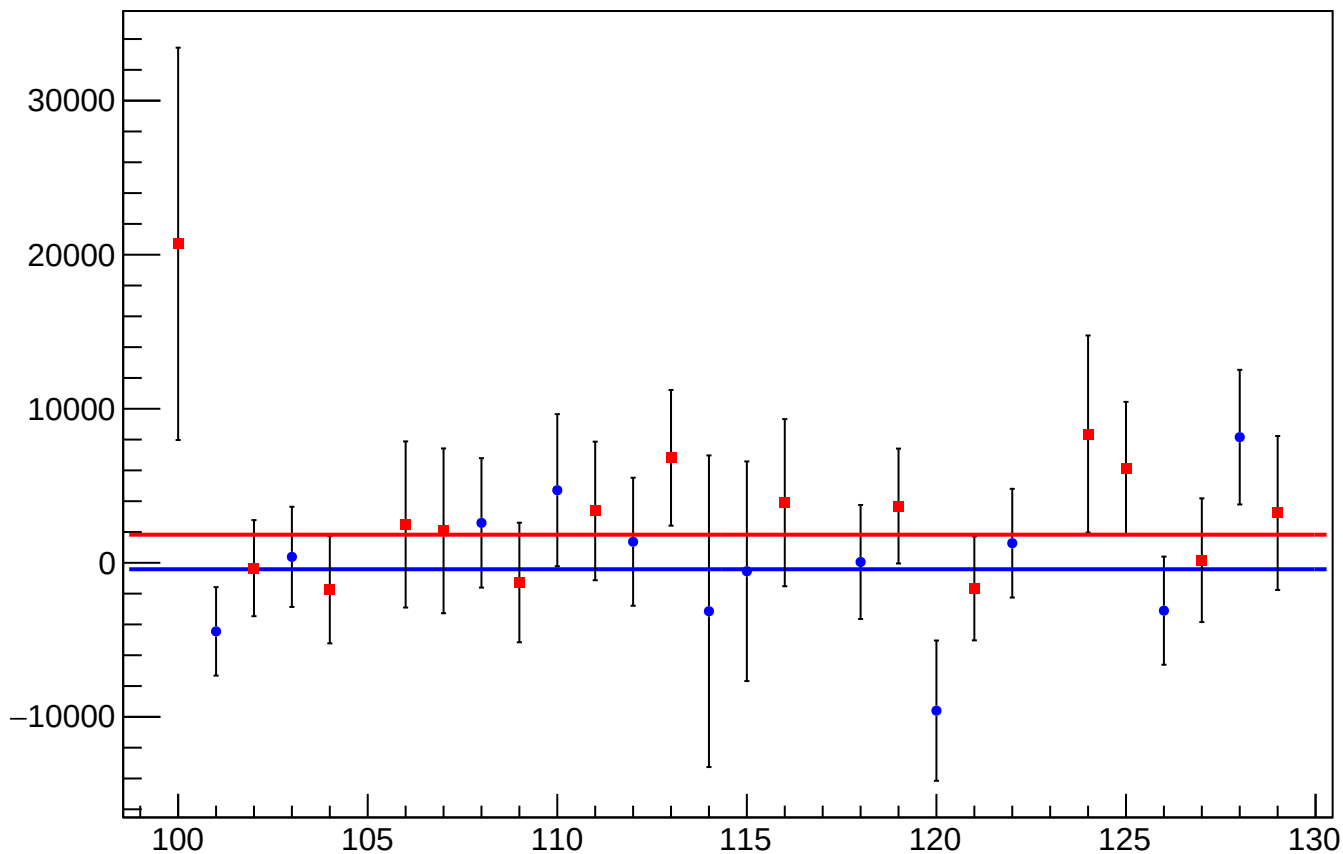
Right: 208.771+/-0.045 χ^2/NDF : 263439.6/26

In: 209.888+/-0.067 χ^2/NDF : 113278.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 208.771+/-0.045 χ^2/NDF : 263439.6/26

asym_sam_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -417.636+/-1165.597 χ^2/NDF : 12.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

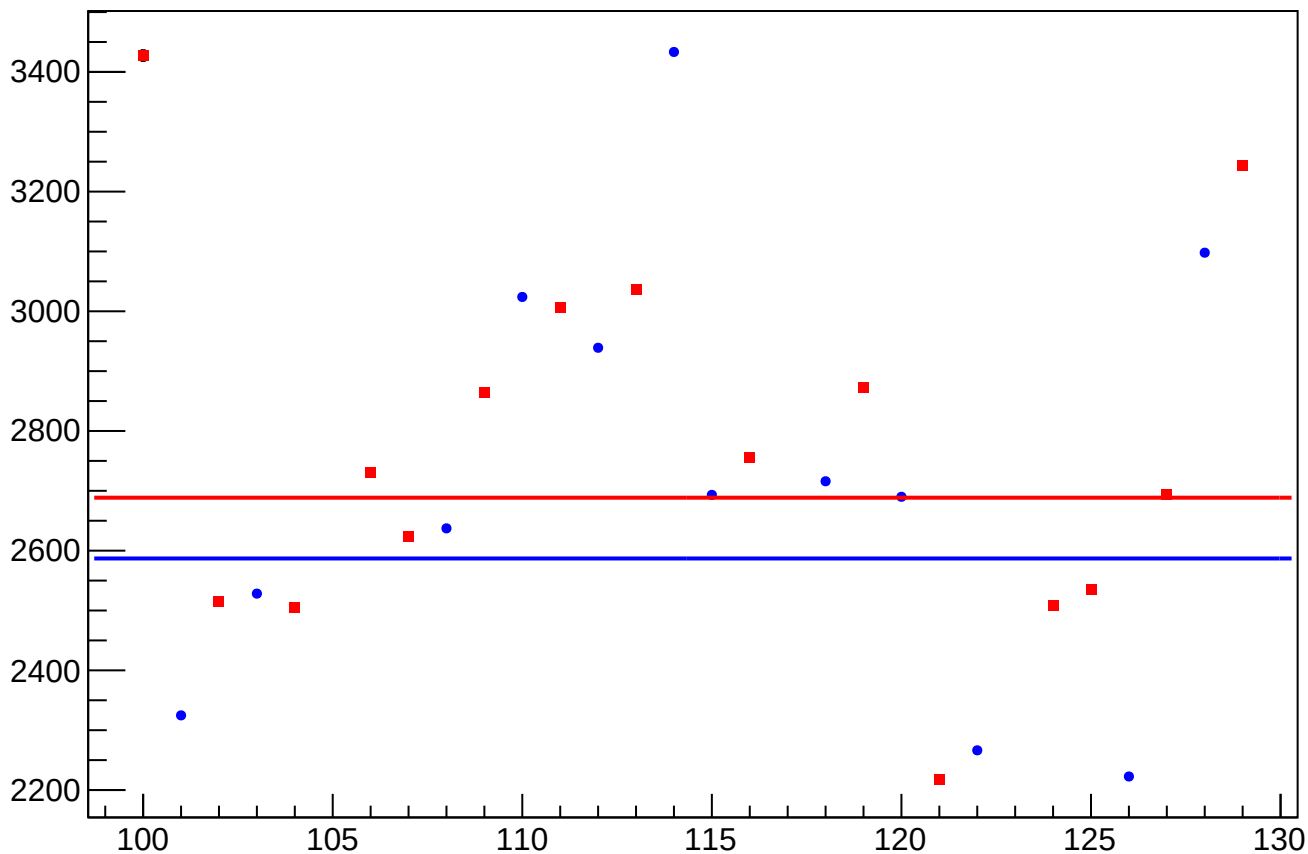
Right: 751.714+/-806.361 χ^2/NDF : 24.1/26

In: -417.636+/-1165.597 χ^2/NDF : 12.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 751.714+/-806.361 χ^2/NDF : 24.1/26

asym_sam_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2586.945+/-0.824 χ^2/NDF : 130929.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

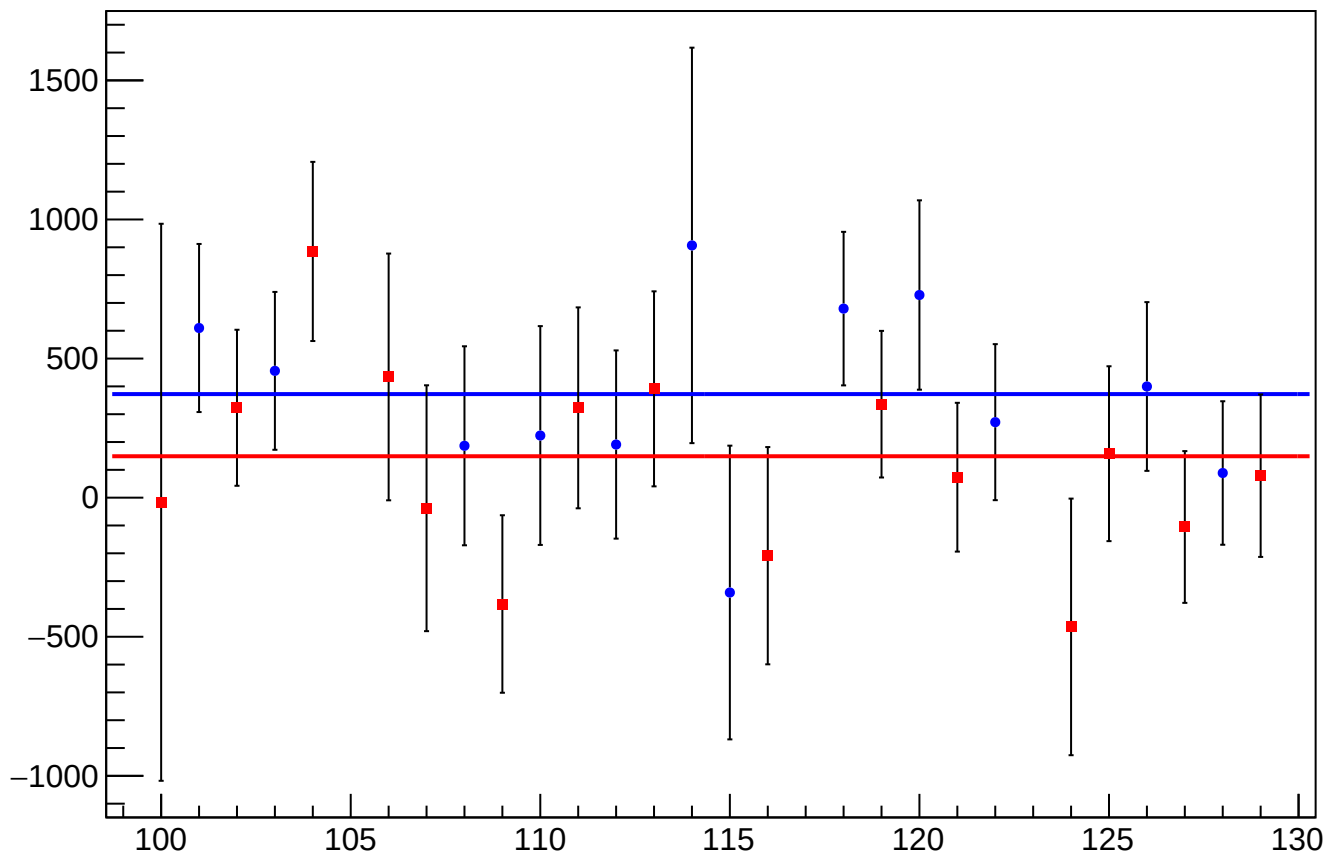
Right: 2639.914+/-0.570 χ^2/NDF : 257279.8/26

In: 2586.945+/-0.824 χ^2/NDF : 130929.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2639.914+/-0.570 χ^2/NDF : 257279.8/26

eigen_cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 372.301 $\pm$ 94.346 χ^2 /NDF: 7.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 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

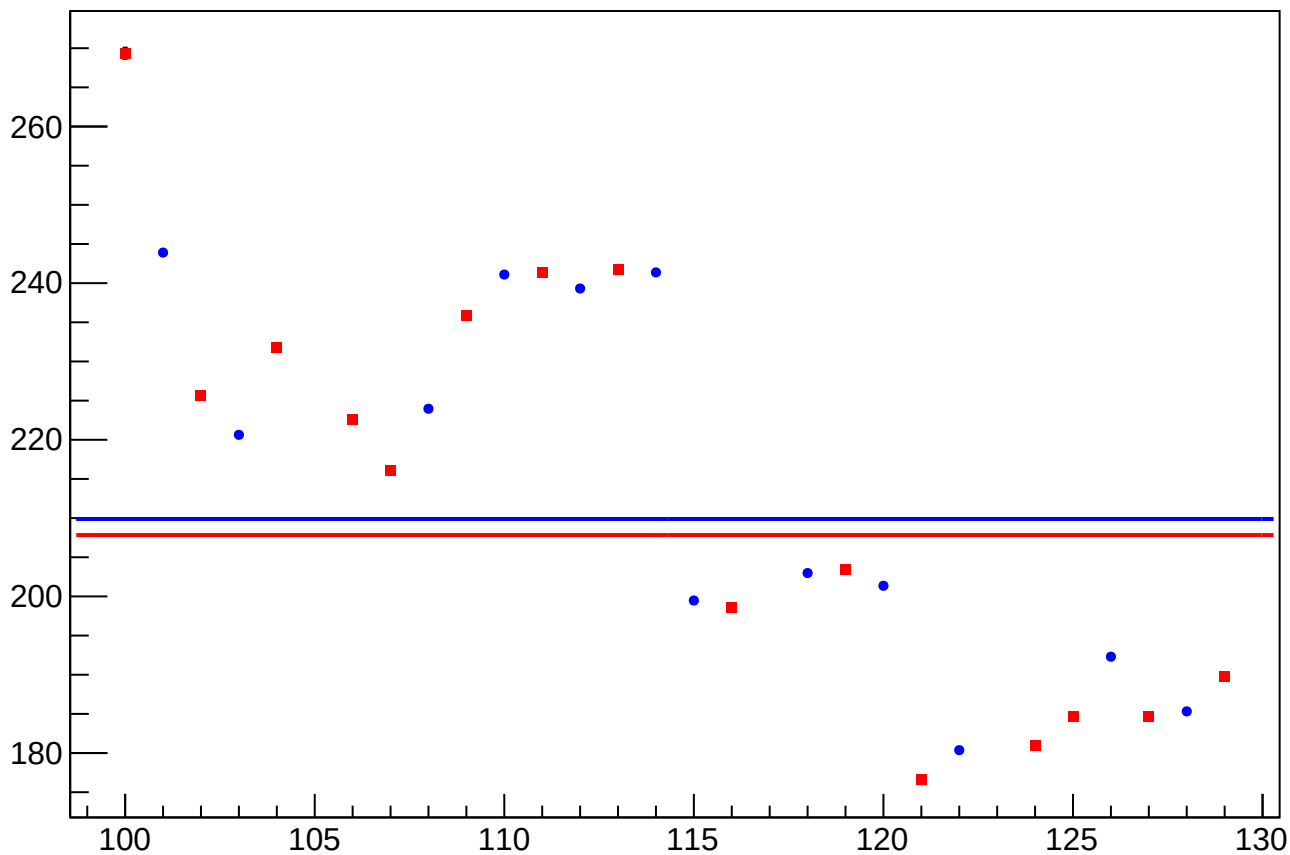
Right: 250.715 $\pm$ 63.697 χ^2 /NDF: 24.4/26

In: 372.301 $\pm$ 94.346 χ^2 /NDF:7.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 250.715 $\pm$ 63.697 χ^2 /NDF: 24.4/26

eigen_cor_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 209.888+/-0.067 χ^2/NDF : 113278.2/11

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

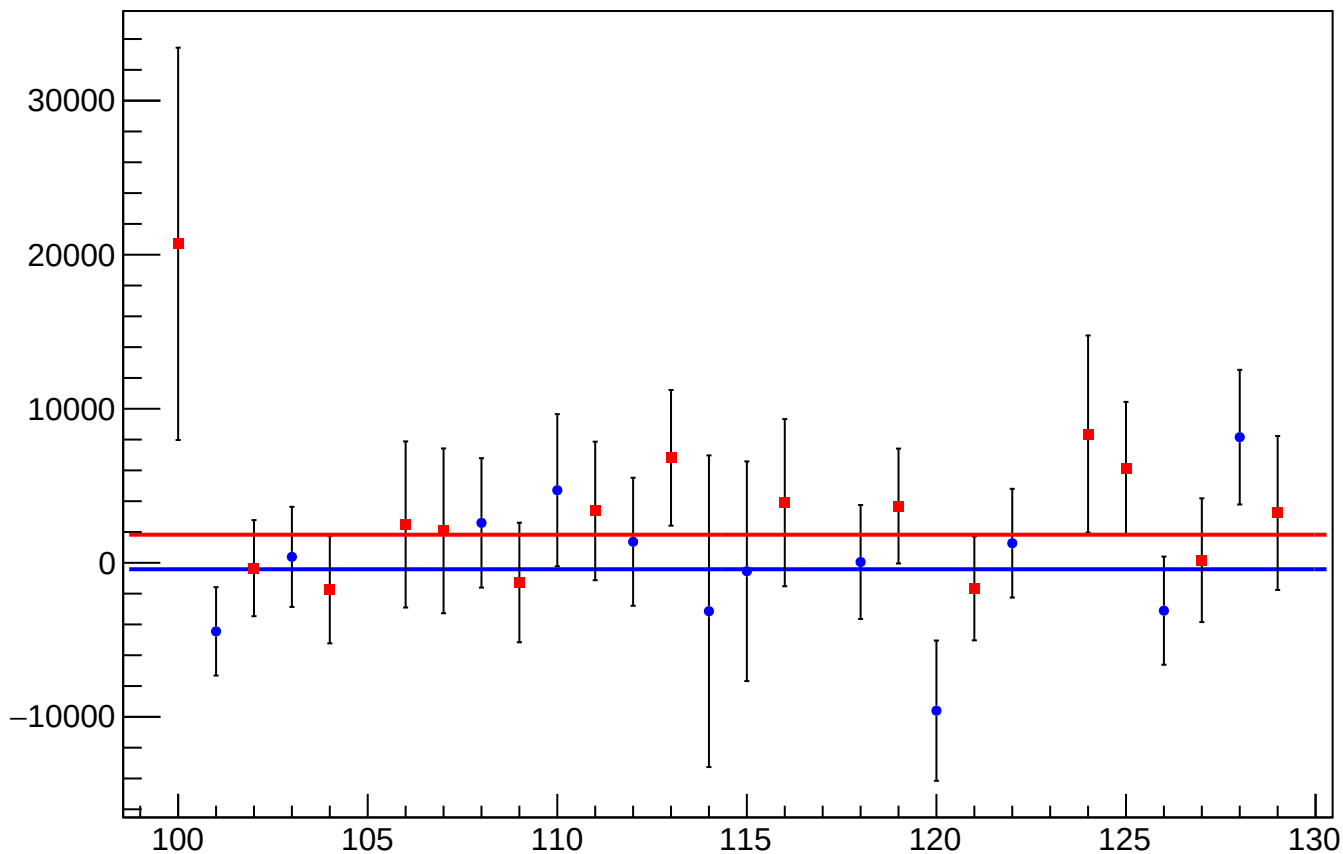
Right: 208.771+/-0.045 χ^2/NDF : 263439.6/26

In: 209.888+/-0.067 χ^2/NDF : 113278.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 208.771+/-0.045 χ^2/NDF : 263439.6/26

asym_sam_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -417.636+/-1165.597 χ^2/NDF : 12.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

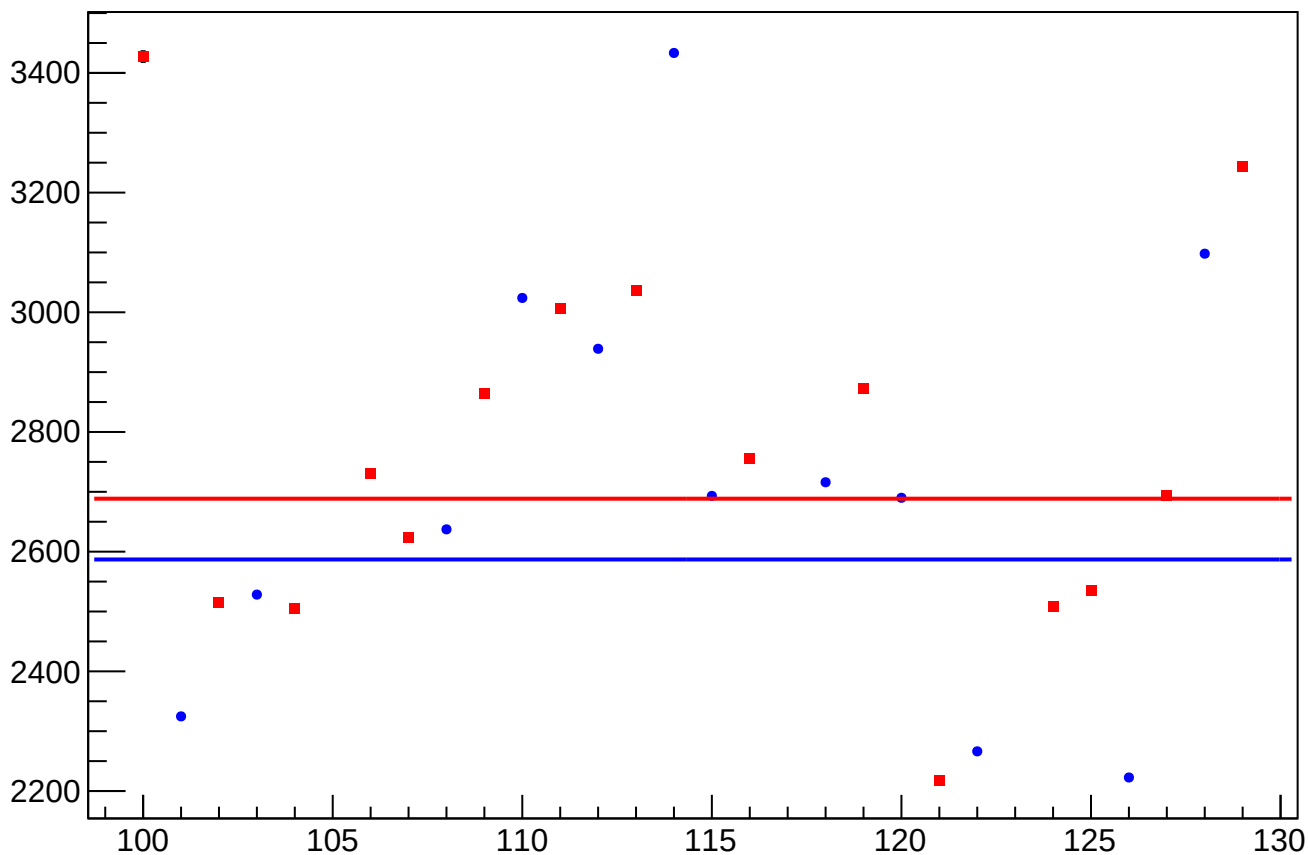
Right: 751.714+/-806.361 χ^2/NDF : 24.1/26

In: -417.636+/-1165.597 χ^2/NDF : 12.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 751.714+/-806.361 χ^2/NDF : 24.1/26

asym_sam_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2586.945+/-0.824 χ^2/NDF : 130929.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

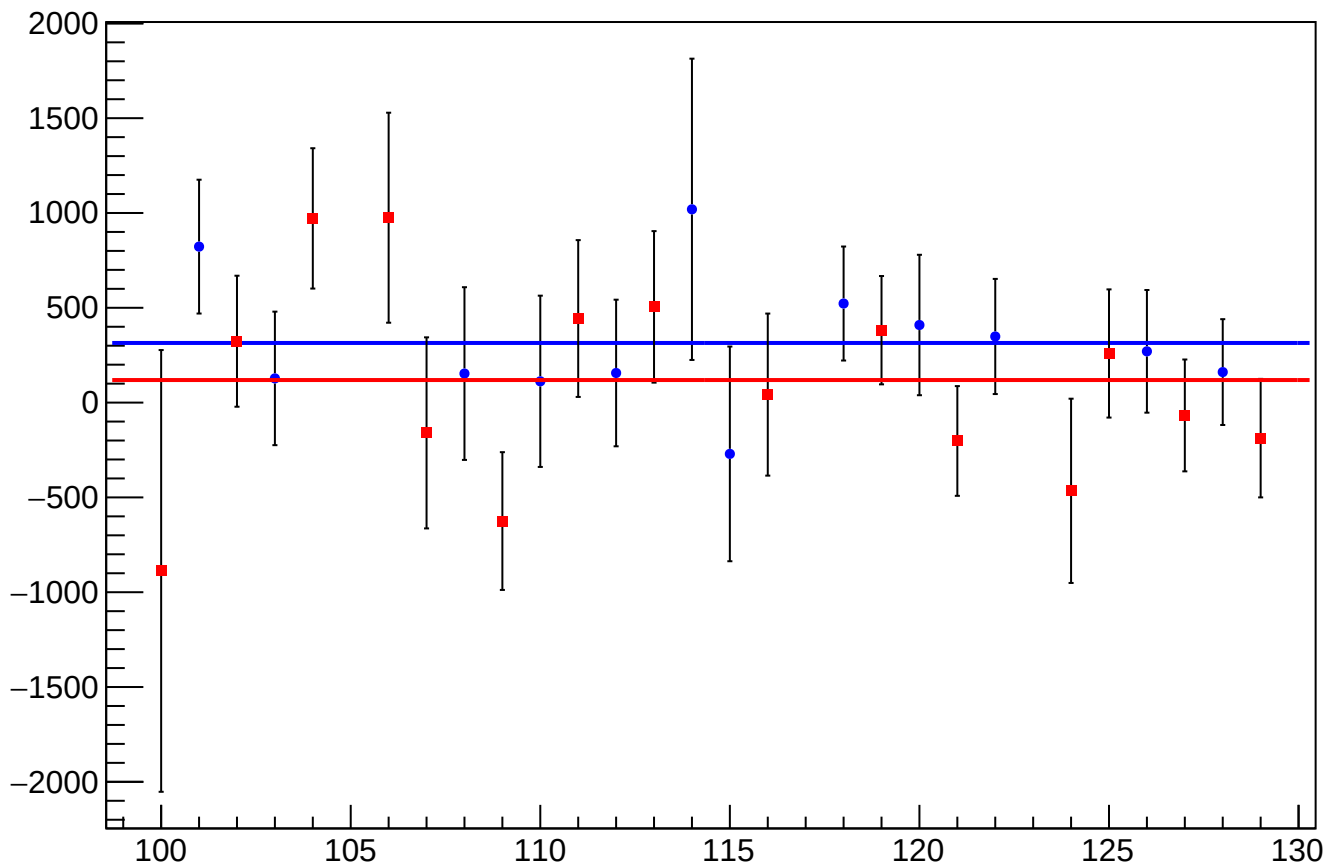
Right: 2639.914+/-0.570 χ^2/NDF : 257279.8/26

In: 2586.945+/-0.824 χ^2/NDF : 130929.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2639.914+/-0.570 χ^2/NDF : 257279.8/26

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 314.559 $\pm$ 106.105 χ^2 /NDF: 5.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 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

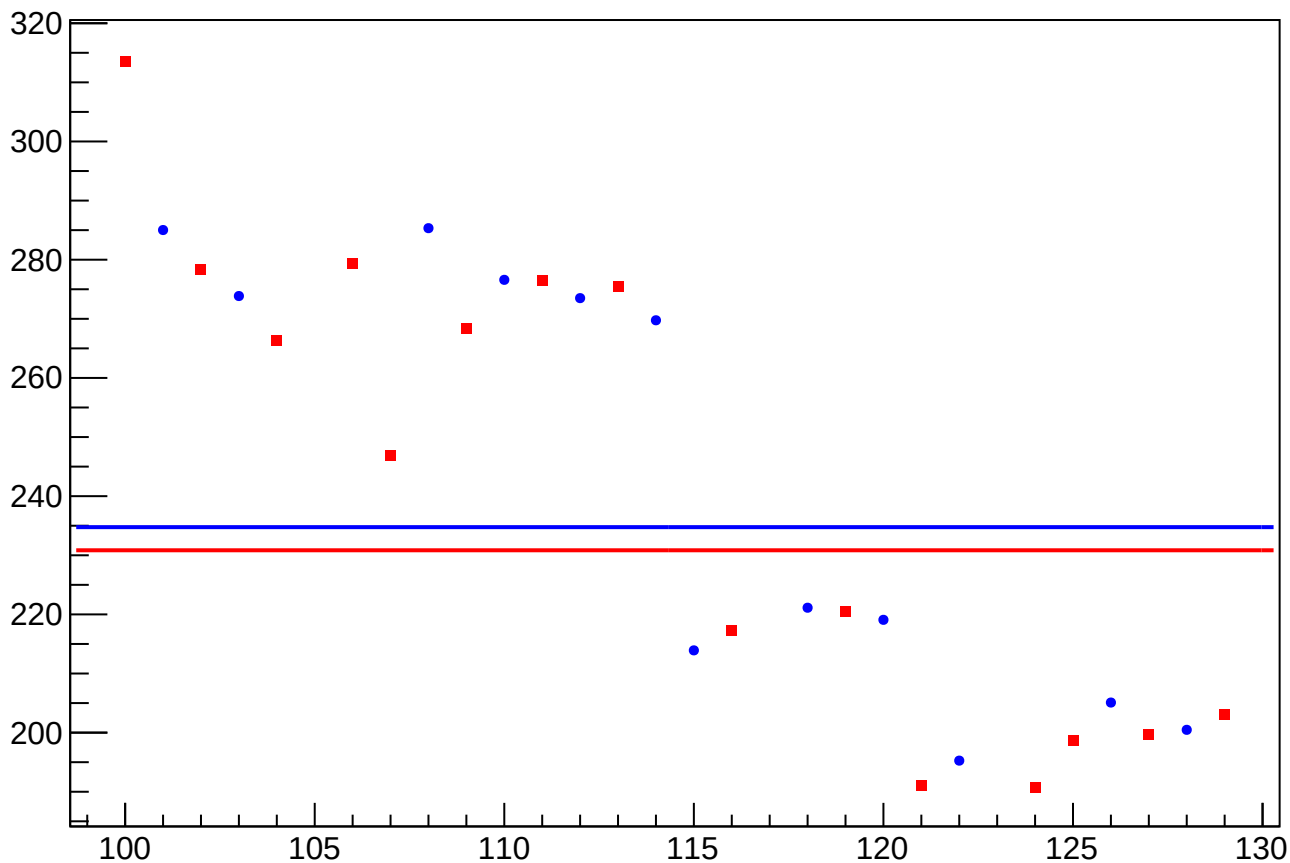
Right: 207.376 $\pm$ 71.333 χ^2 /NDF: 27.4/26

In: 314.559 $\pm$ 106.105 χ^2 /NDF: 5.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 207.376 $\pm$ 71.333 χ^2 /NDF: 27.4/26

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 234.761+/-0.075 χ^2/NDF : 222289.4/11

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

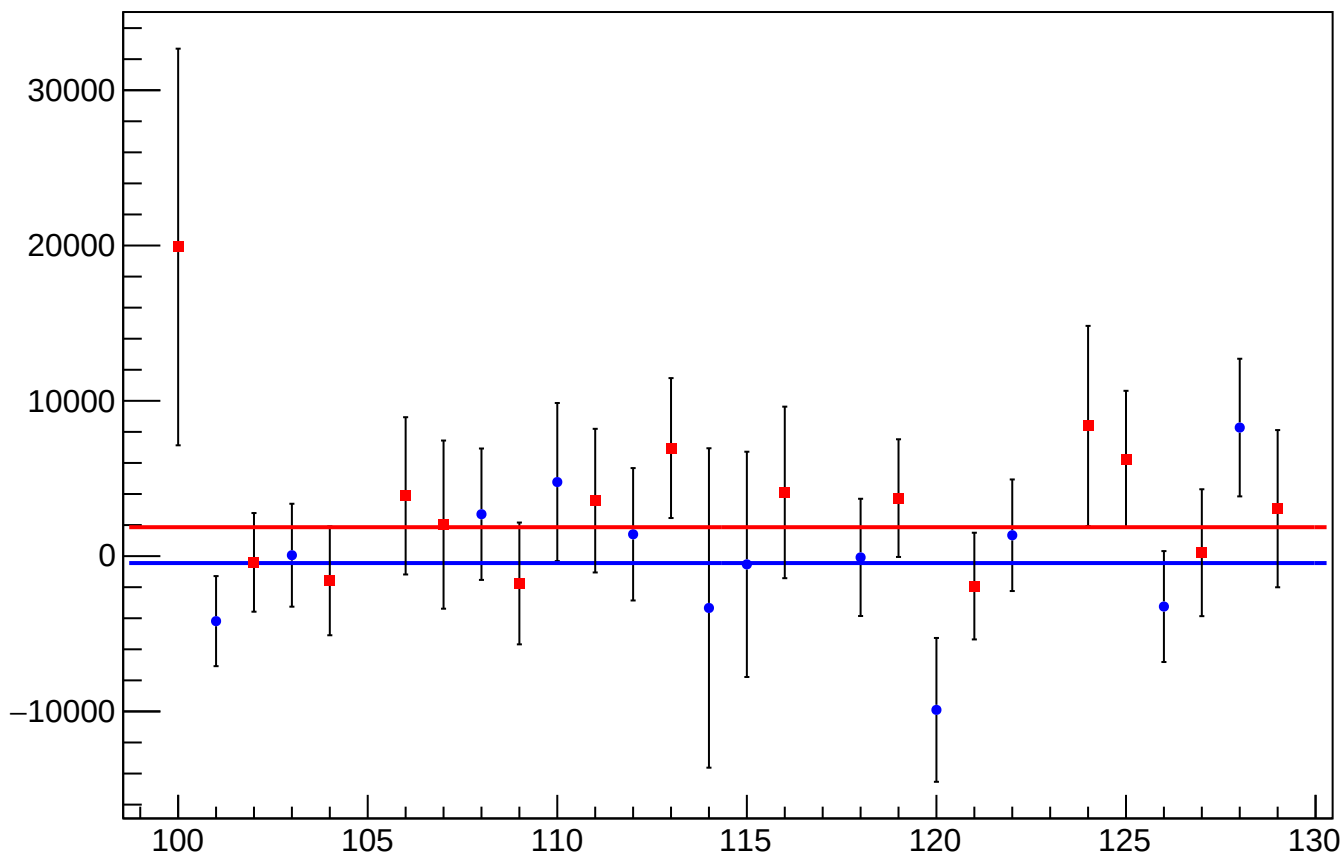
Right: 232.616+/-0.050 χ^2/NDF : 490359.8/26

In: 234.761+/-0.075 χ^2/NDF : 222289.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 232.616+/-0.050 χ^2/NDF : 490359.8/26

asym_sam_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -446.503+/-1185.440 χ^2/NDF : 12.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

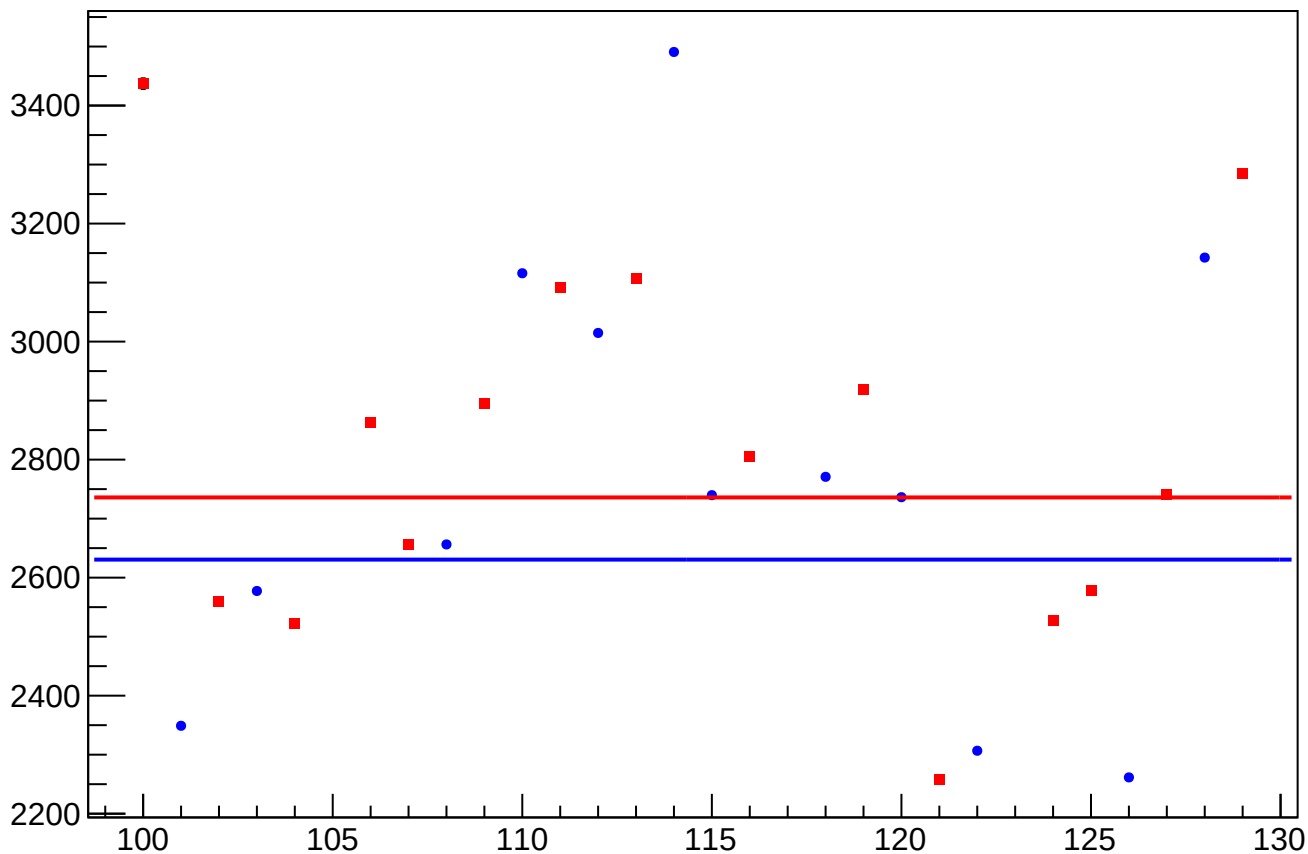
Right: 763.192+/-818.055 χ^2/NDF : 24.2/26

In: -446.503+/-1185.440 χ^2/NDF : 12.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 763.192+/-818.055 χ^2/NDF : 24.2/26

asym_sam_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2630.568+/-0.838 χ^2/NDF : 136415.4/11

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

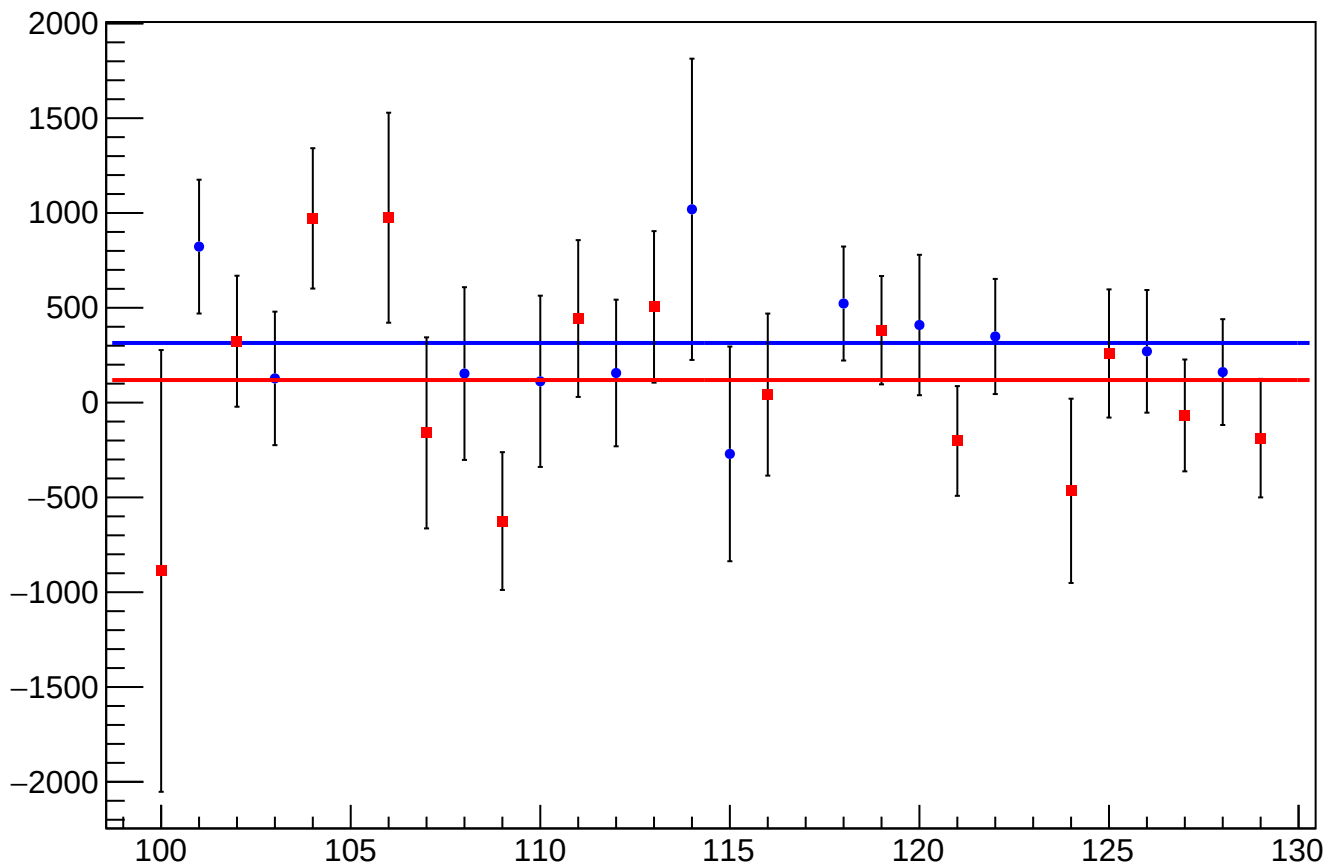
Right: 2685.738+/-0.578 χ^2/NDF : 266428.2/26

In: 2630.568+/-0.838 χ^2/NDF : 136415.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2685.738+/-0.578 χ^2/NDF : 266428.2/26

eigen_dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 314.556 $\pm$ 106.105 χ^2 /NDF: 5.6/11

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

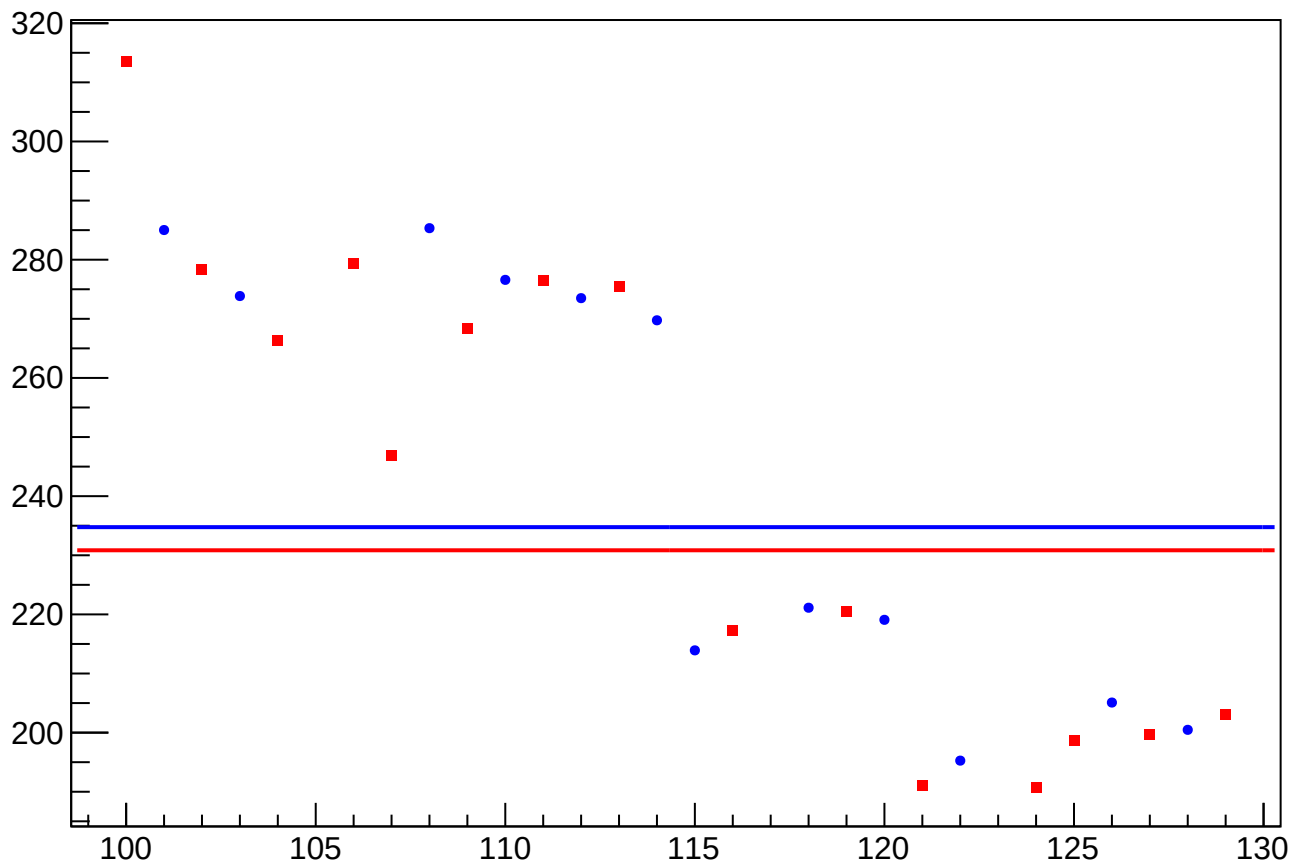
Right: 207.373 $\pm$ 71.332 χ^2 /NDF: 27.4/26

In: 314.556 $\pm$ 106.105 χ^2 /NDF:5.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 207.373 $\pm$ 71.332 χ^2 /NDF: 27.4/26

eigen_dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 234.759+/-0.075 χ^2/NDF : 222285.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

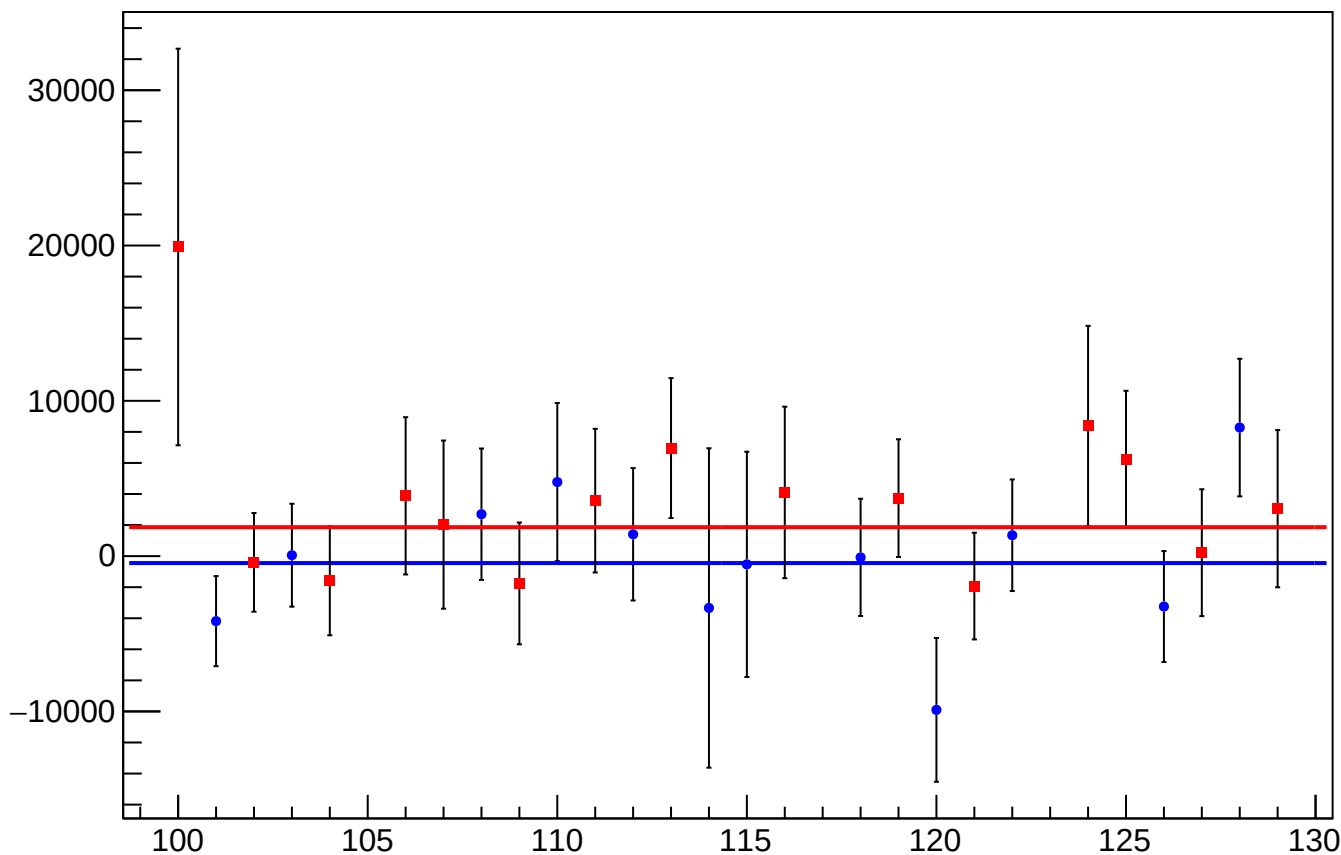
Right: 232.614+/-0.050 χ^2/NDF : 490351.2/26

In: 234.759+/-0.075 χ^2/NDF :222285.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 232.614+/-0.050 χ^2/NDF : 490351.2/26

asym_sam_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -446.501+/-1185.437 χ^2/NDF : 12.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

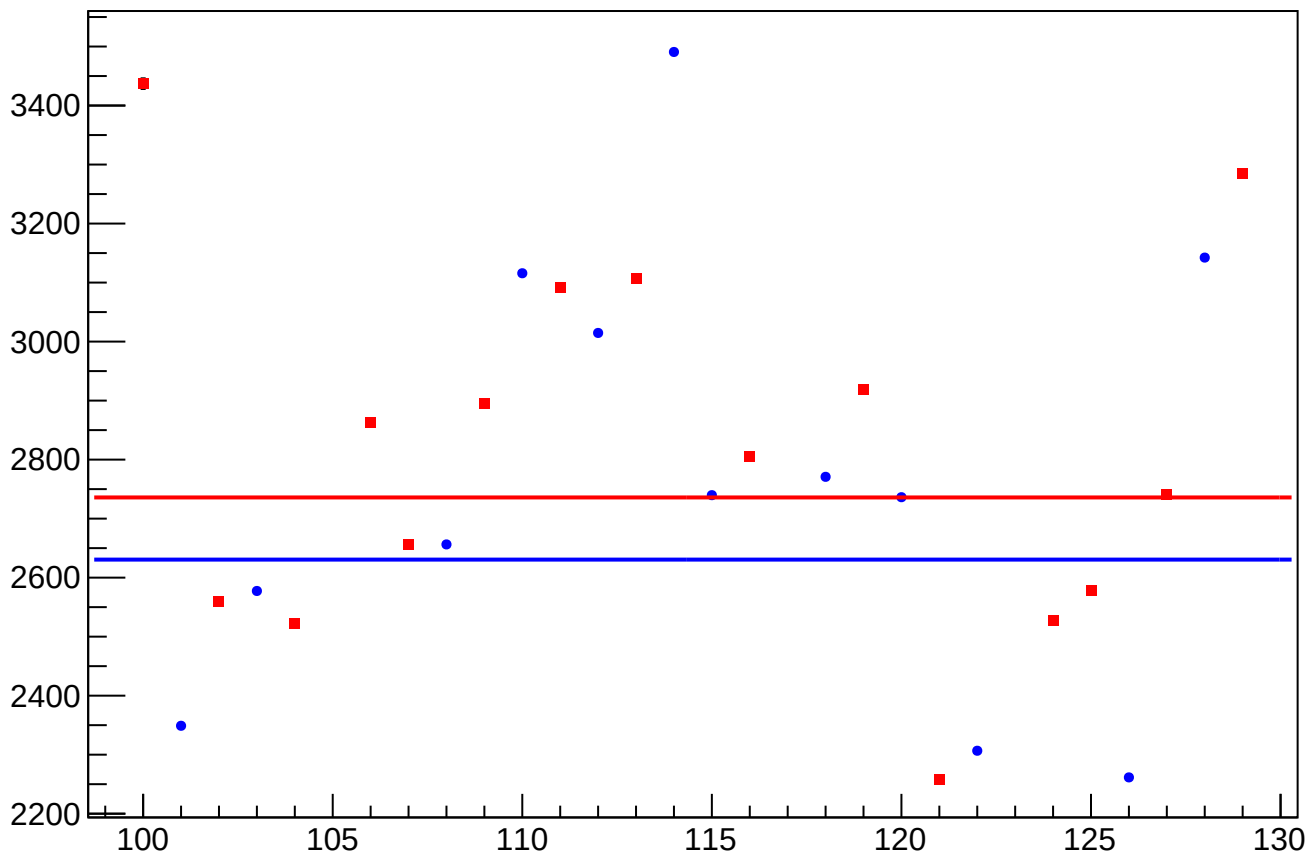
Right: 763.190+/-818.053 χ^2/NDF : 24.2/26

In: -446.501+/-1185.437 χ^2/NDF : 12.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 763.190+/-818.053 χ^2/NDF : 24.2/26

asym_sam_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2630.563+/-0.838 χ^2/NDF : 136412.2/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

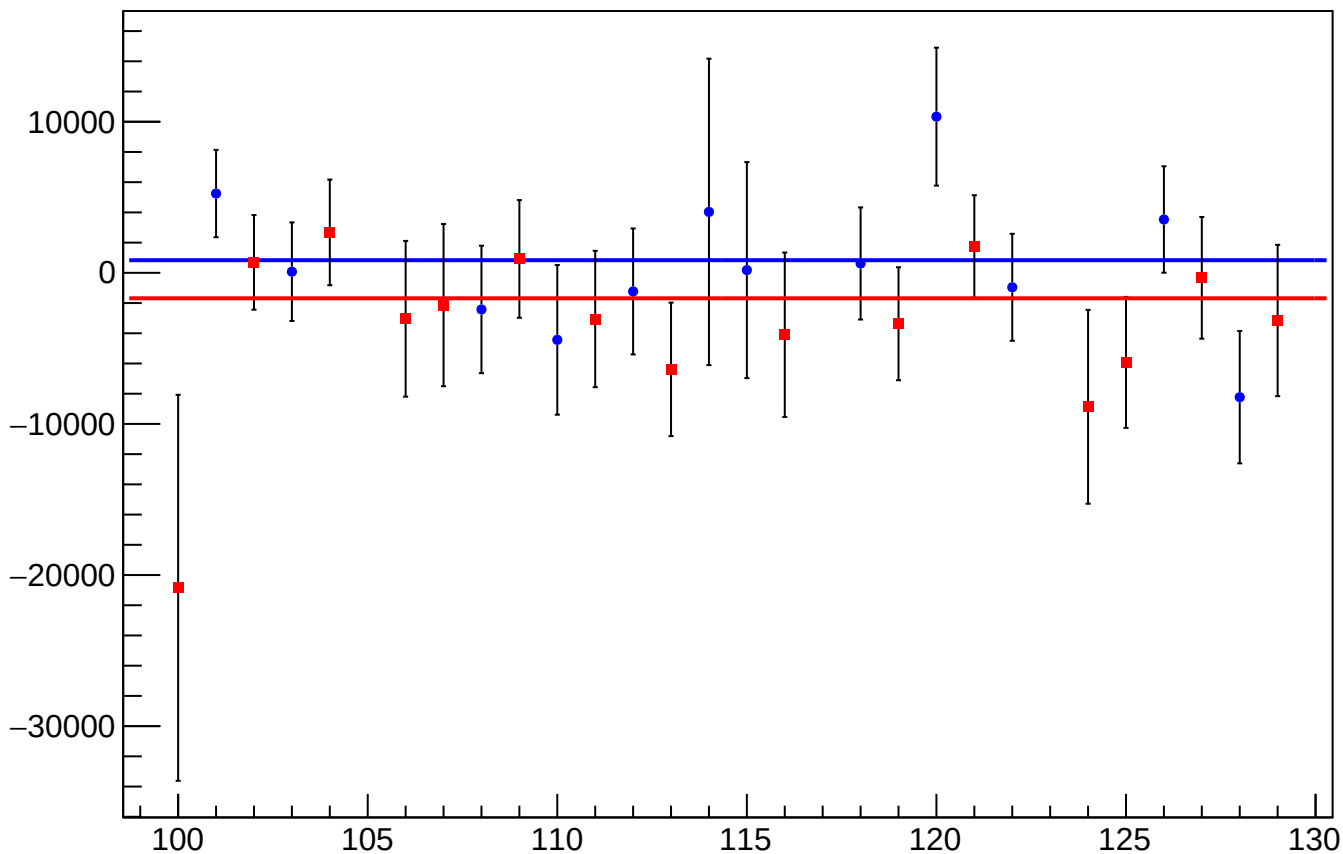
Right: 2685.733+/-0.578 χ^2/NDF : 266423.0/26

In: 2630.563+/-0.838 χ^2/NDF :136412.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2685.733+/-0.578 χ^2/NDF : 266423.0/26

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 835.432+/-1169.965 χ^2/NDF : 13.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1684.280+/-1117.822 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

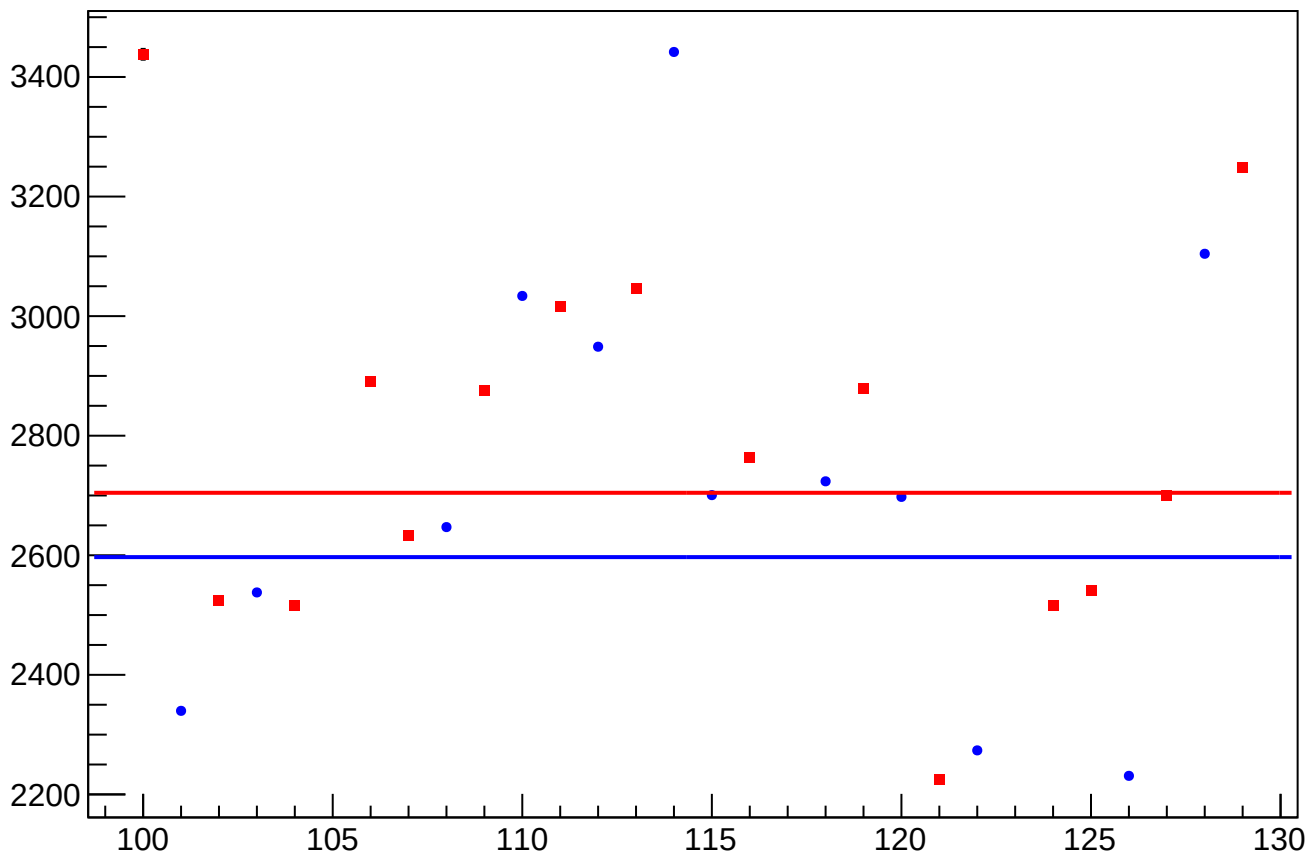
Right: -481.824+/-808.225 χ^2/NDF : 26.3/26

In: 835.432+/-1169.965 χ^2/NDF : 13.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -481.824+/-808.225 χ^2/NDF : 26.3/26

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2596.922+/-0.827 χ^2/NDF : 129282.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

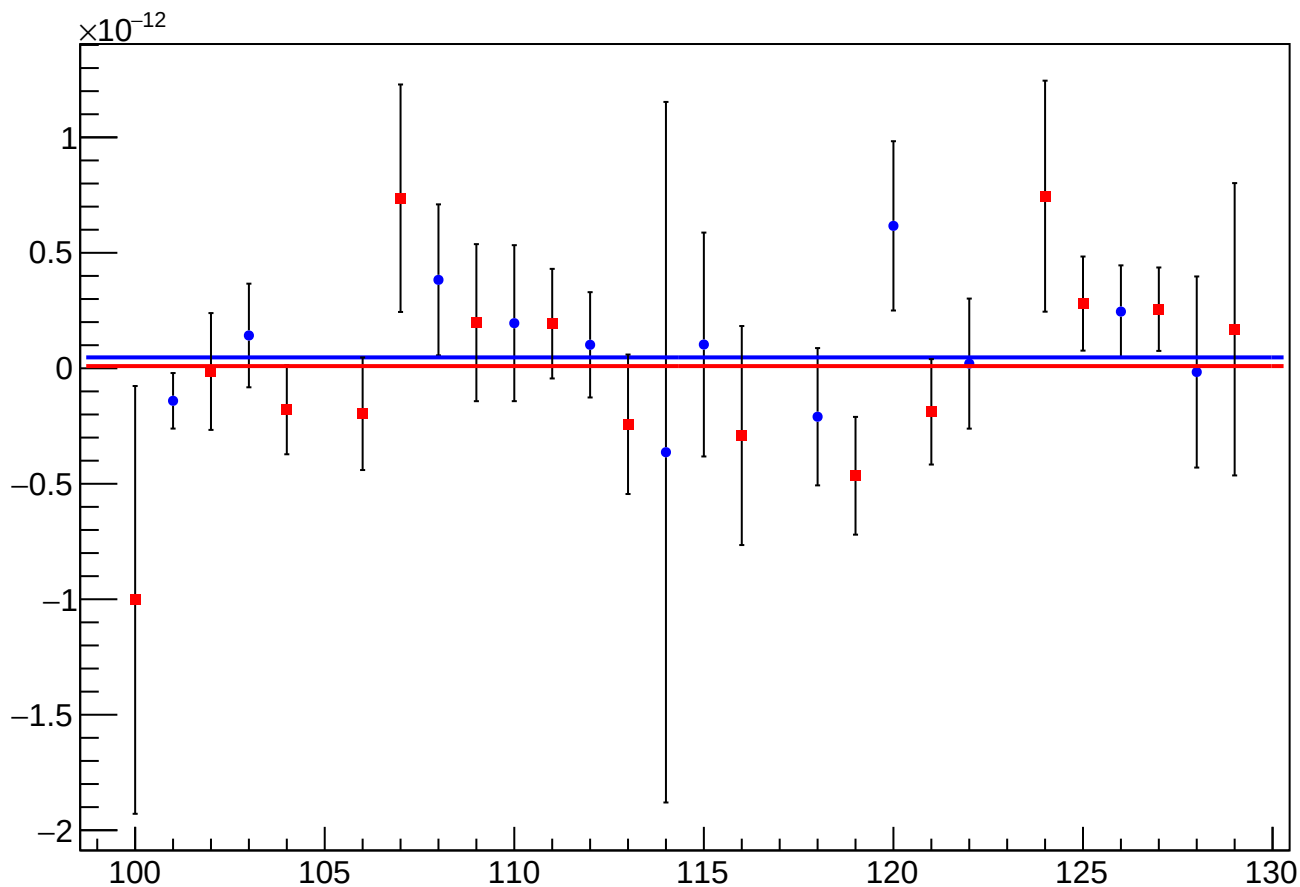
Right: 2653.164+/-0.572 χ^2/NDF : 258478.8/26

In: 2596.922+/-0.827 χ^2/NDF : 129282.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2653.164+/-0.572 χ^2/NDF : 258478.8/26

asym_sam_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

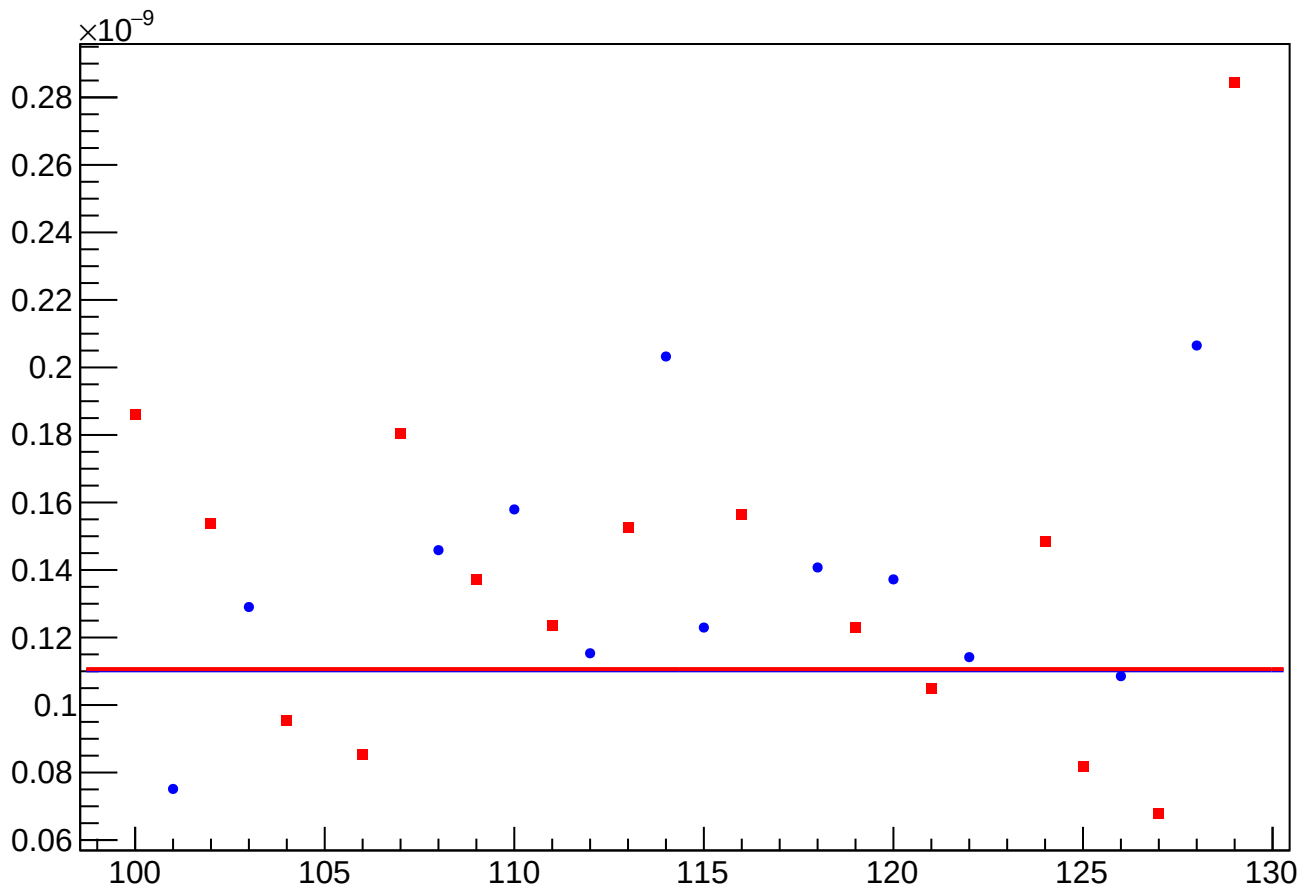
Right: 0.000+/-0.000 χ^2/NDF : 25.5/26

In: 0.000+/-0.000 χ^2/NDF : 8.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.5/26

asym_sam_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 398611.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

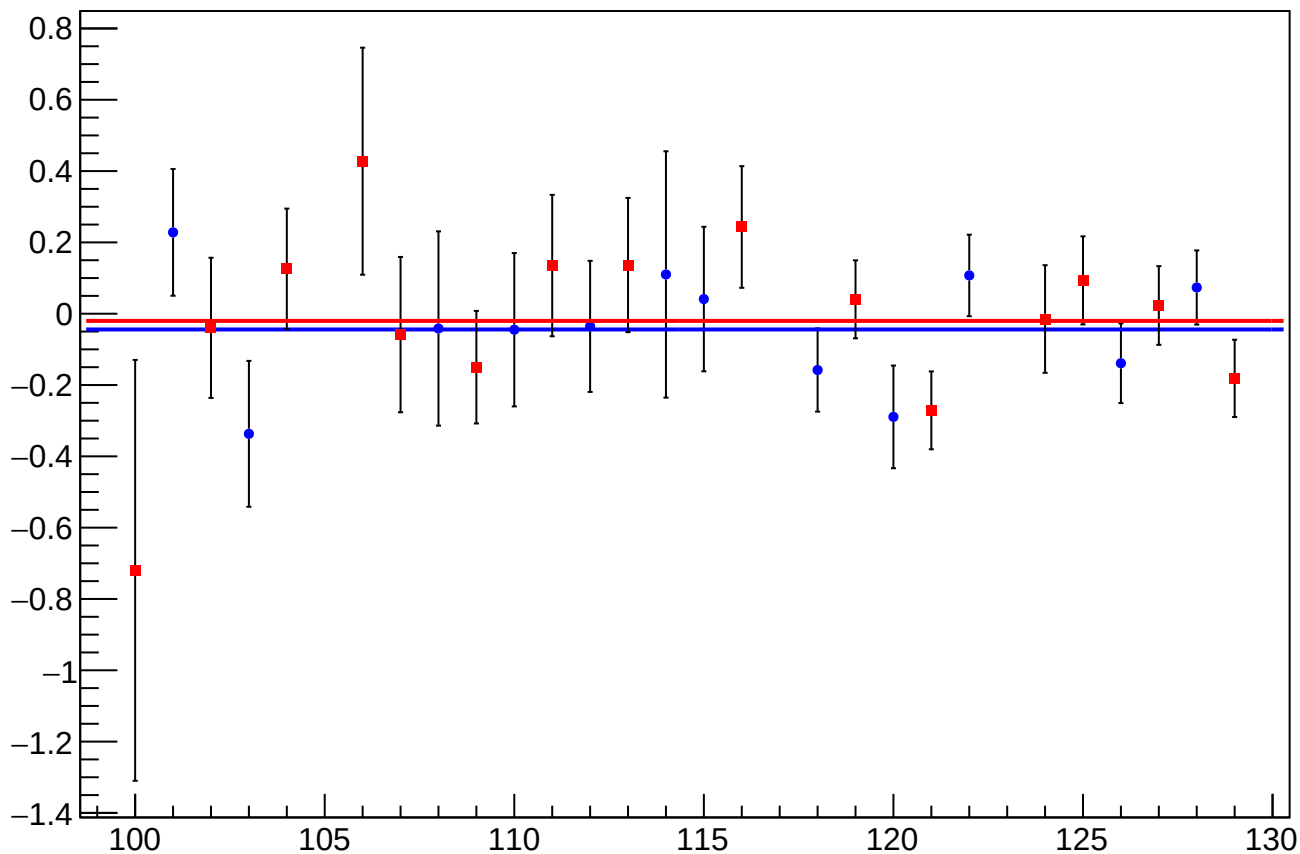
Right: 0.000+/-0.000 χ^2/NDF : 939806.1/26

In: 0.000+/-0.000 χ^2/NDF : 398611.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 939806.1/26

asym_sam_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.044 ± 0.044 χ^2/NDF : 12.4/11

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

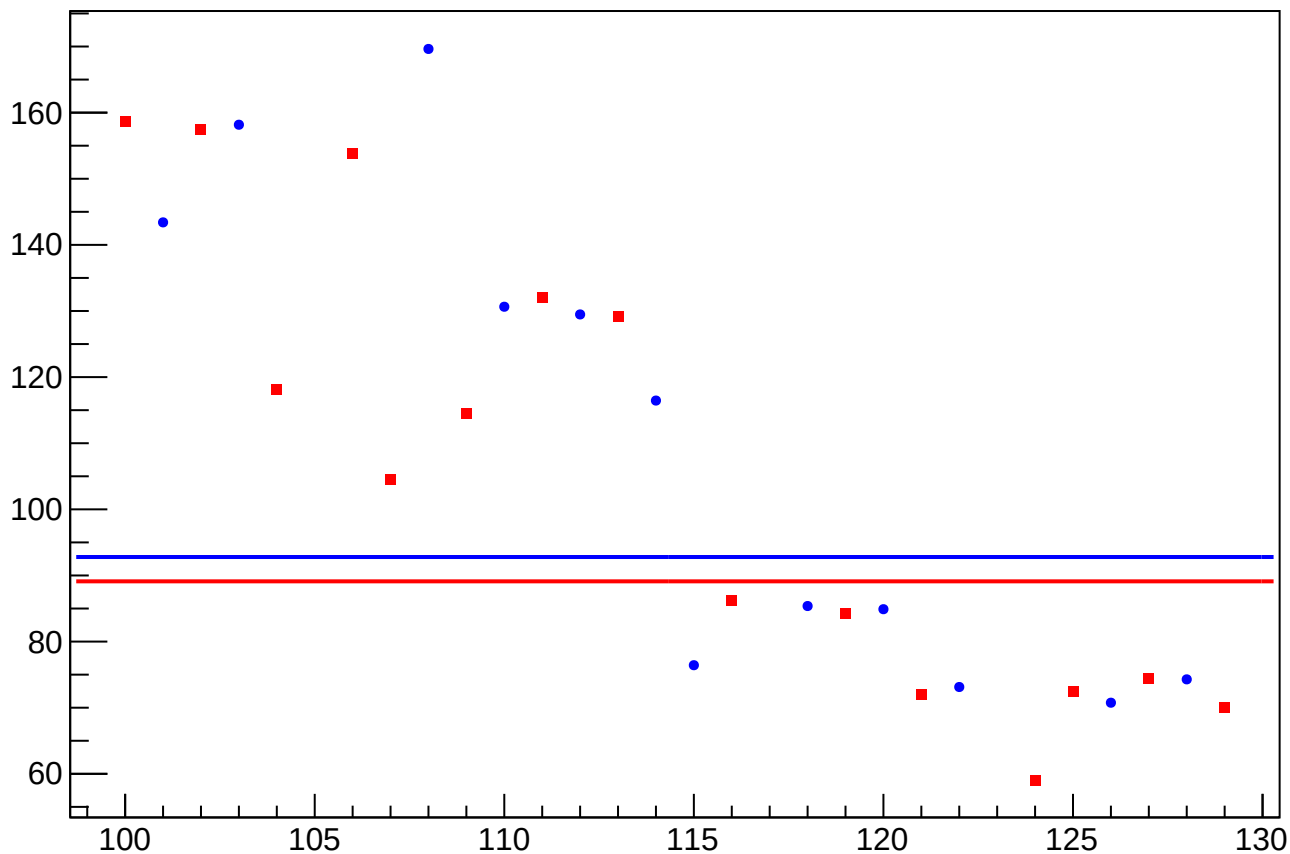
Right: -0.031 ± 0.029 χ^2/NDF : 29.9/26

In: -0.044 ± 0.044 χ^2/NDF : 12.4/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.031 ± 0.029 χ^2/NDF : 29.9/26

asym_sam_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 92.792 $\pm$ 0.031 χ^2 /NDF: 903939.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 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

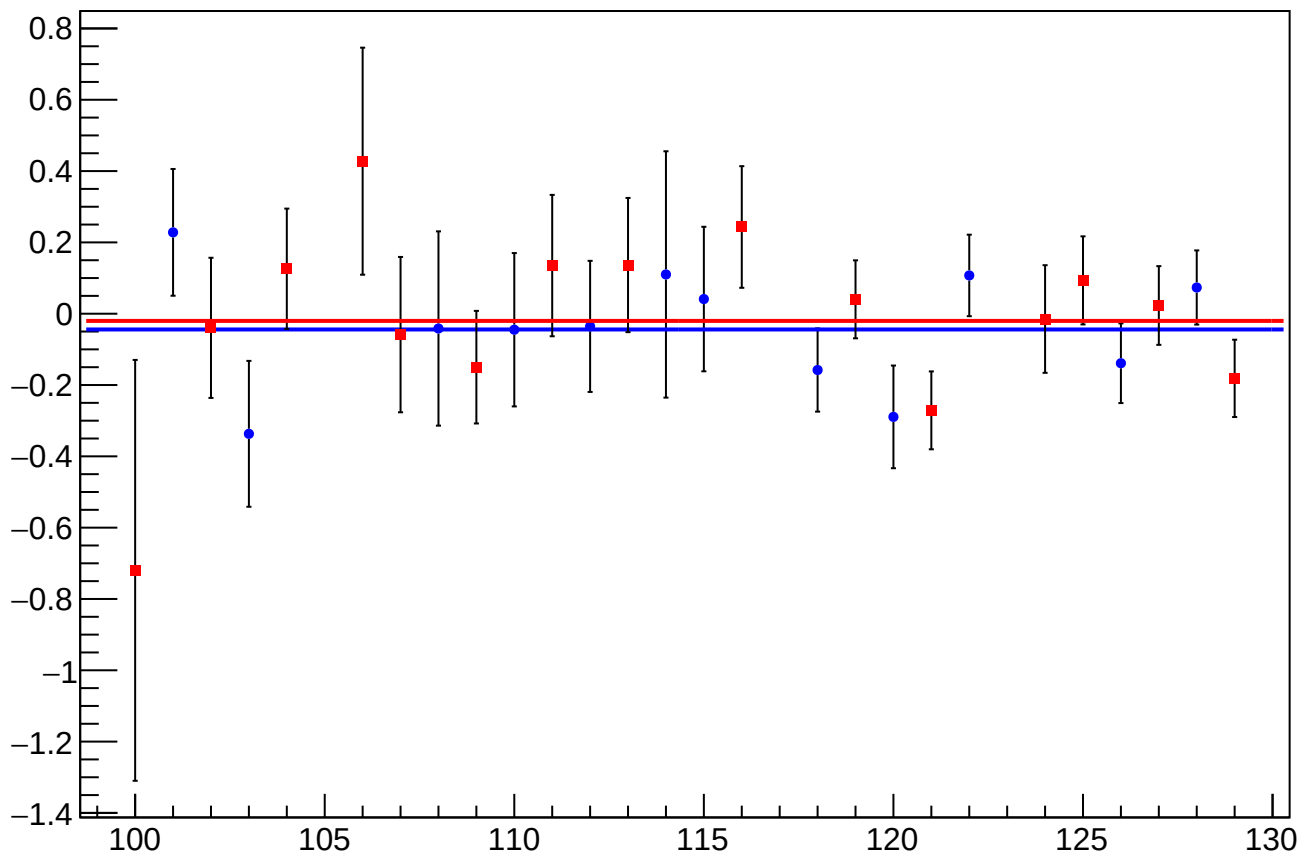
Right: 90.730 $\pm$ 0.020 χ^2 /NDF: 1836233.1/26

In: 92.792 $\pm$ 0.031 χ^2 /NDF:903939.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 90.730 $\pm$ 0.020 χ^2 /NDF: 1836233.1/26

asym_sam_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.044 ± 0.044 χ^2/NDF : 12.4/11

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

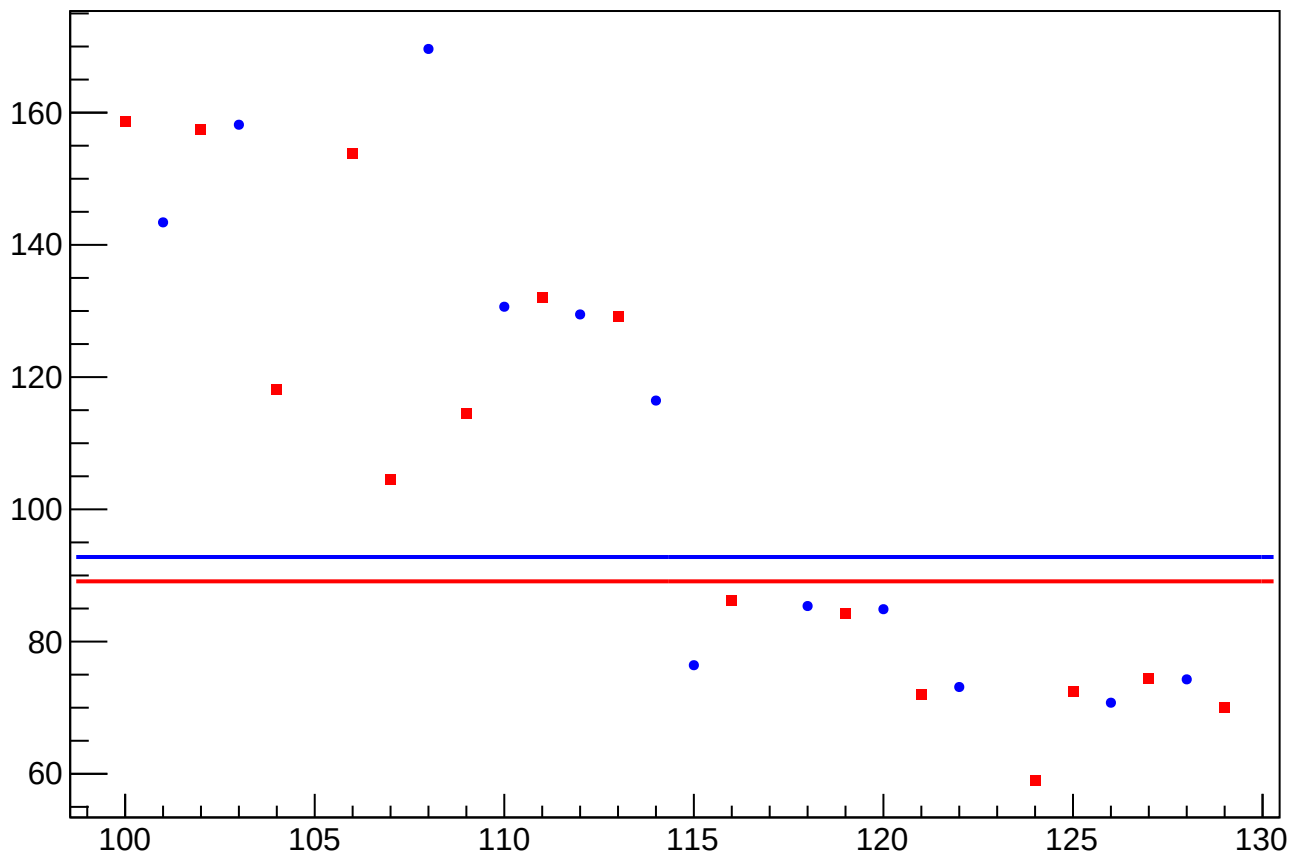
Right: -0.031 ± 0.029 χ^2/NDF : 29.9/26

In: -0.044 ± 0.044 χ^2/NDF : 12.4/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.031 ± 0.029 χ^2/NDF : 29.9/26

asym_sam_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 92.792 $\pm$ 0.031 χ^2 /NDF: 903939.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 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

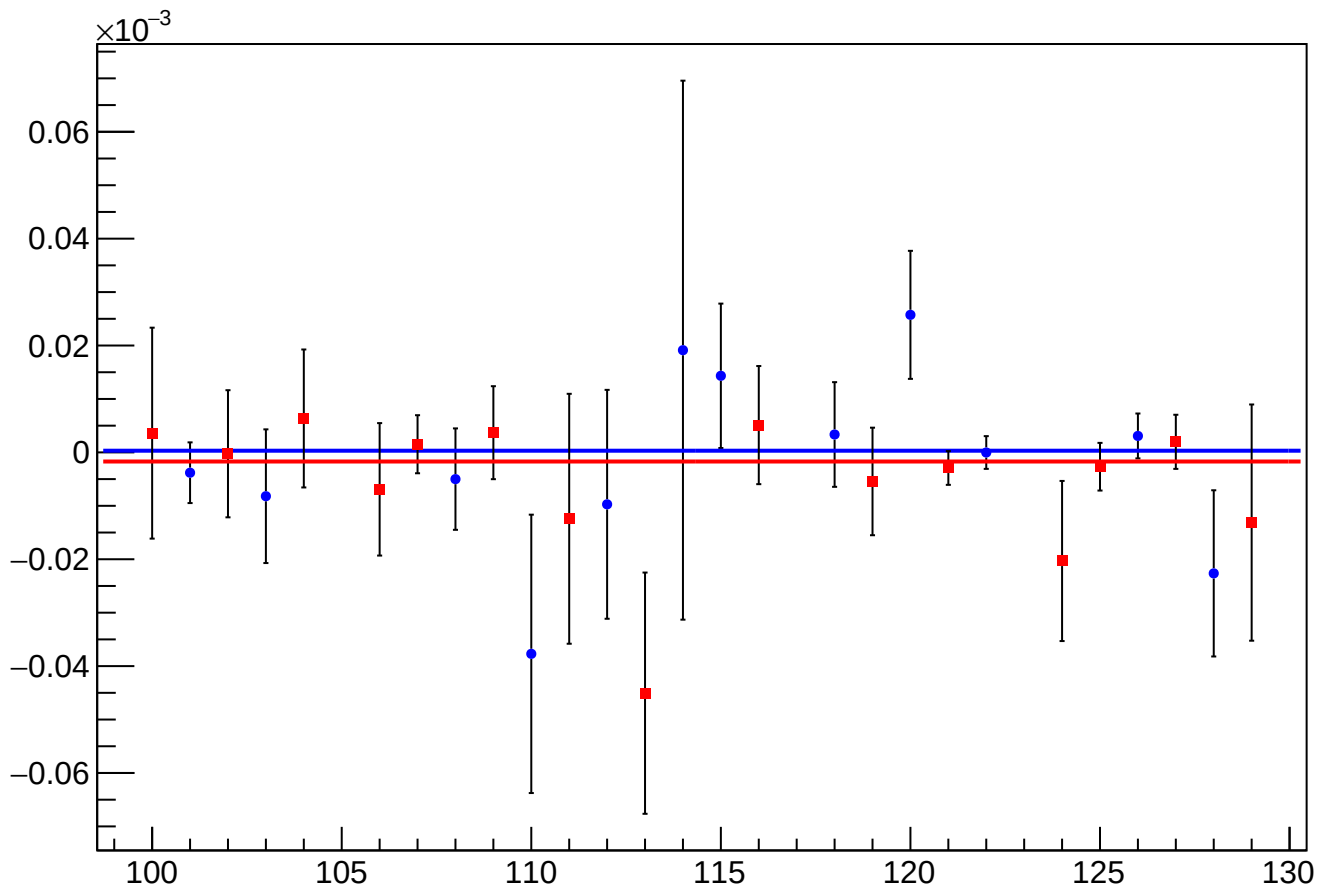
Right: 90.730 $\pm$ 0.020 χ^2 /NDF: 1836233.1/26

In: 92.792 $\pm$ 0.031 χ^2 /NDF:903939.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 90.730 $\pm$ 0.020 χ^2 /NDF: 1836233.1/26

asym_sam_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.3/14

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

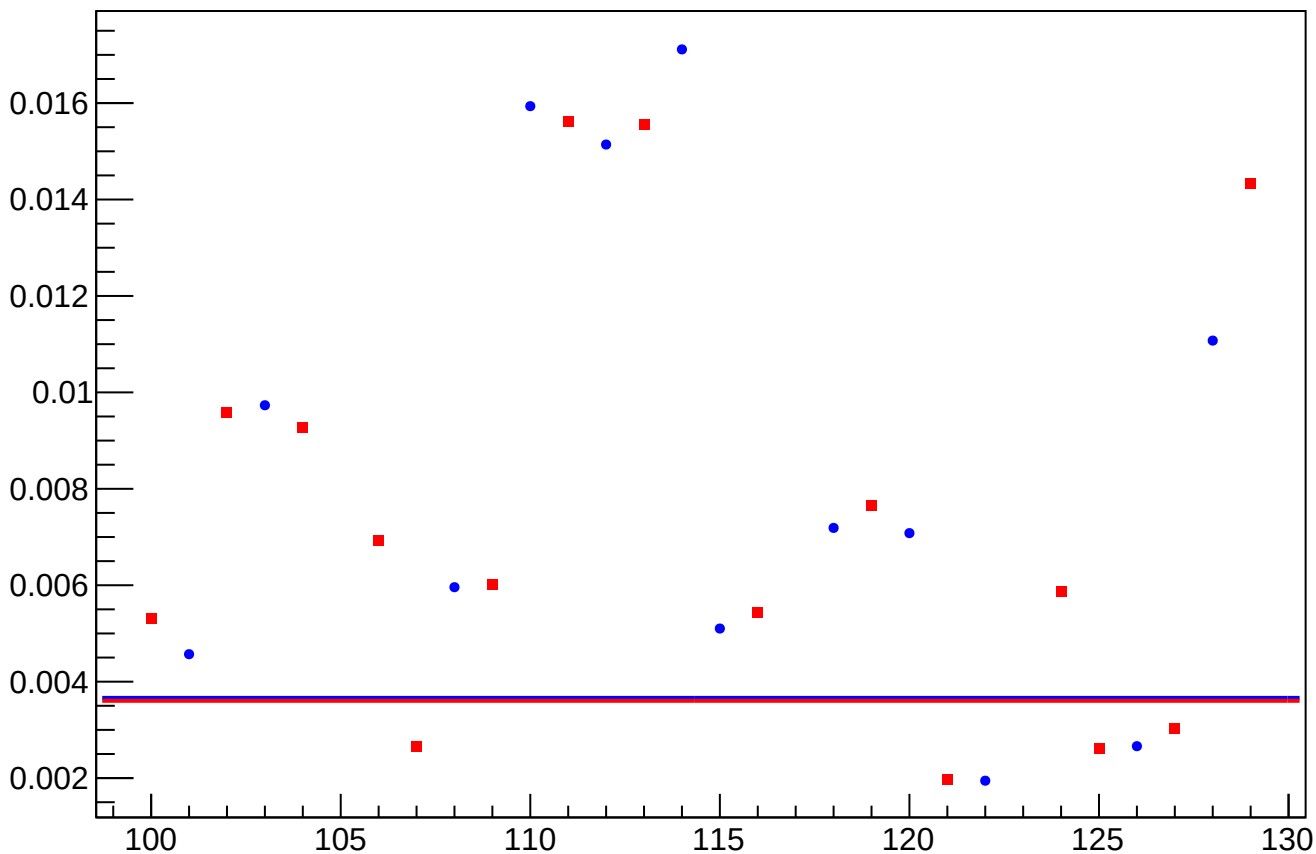
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 21.0/26

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 21.0/26

asym_sam_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 3439965.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 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

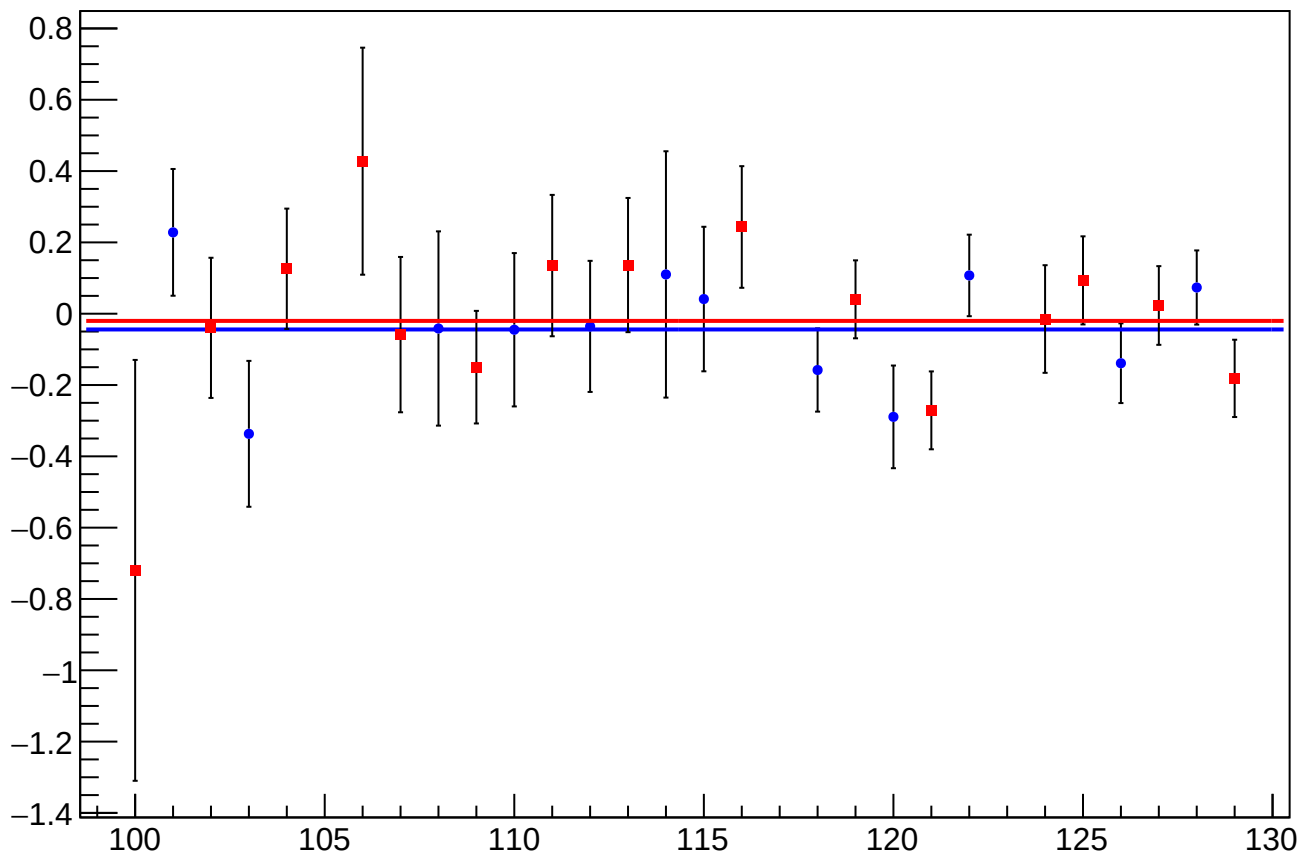
Right: 0.004+/-0.000 χ^2/NDF : 7343340.8/26

In: 0.004+/-0.000 χ^2/NDF :3439965.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 7343340.8/26

asym_sam_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.044 $\pm$ 0.044 χ^2 /NDF: 12.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.020 $\pm$ 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

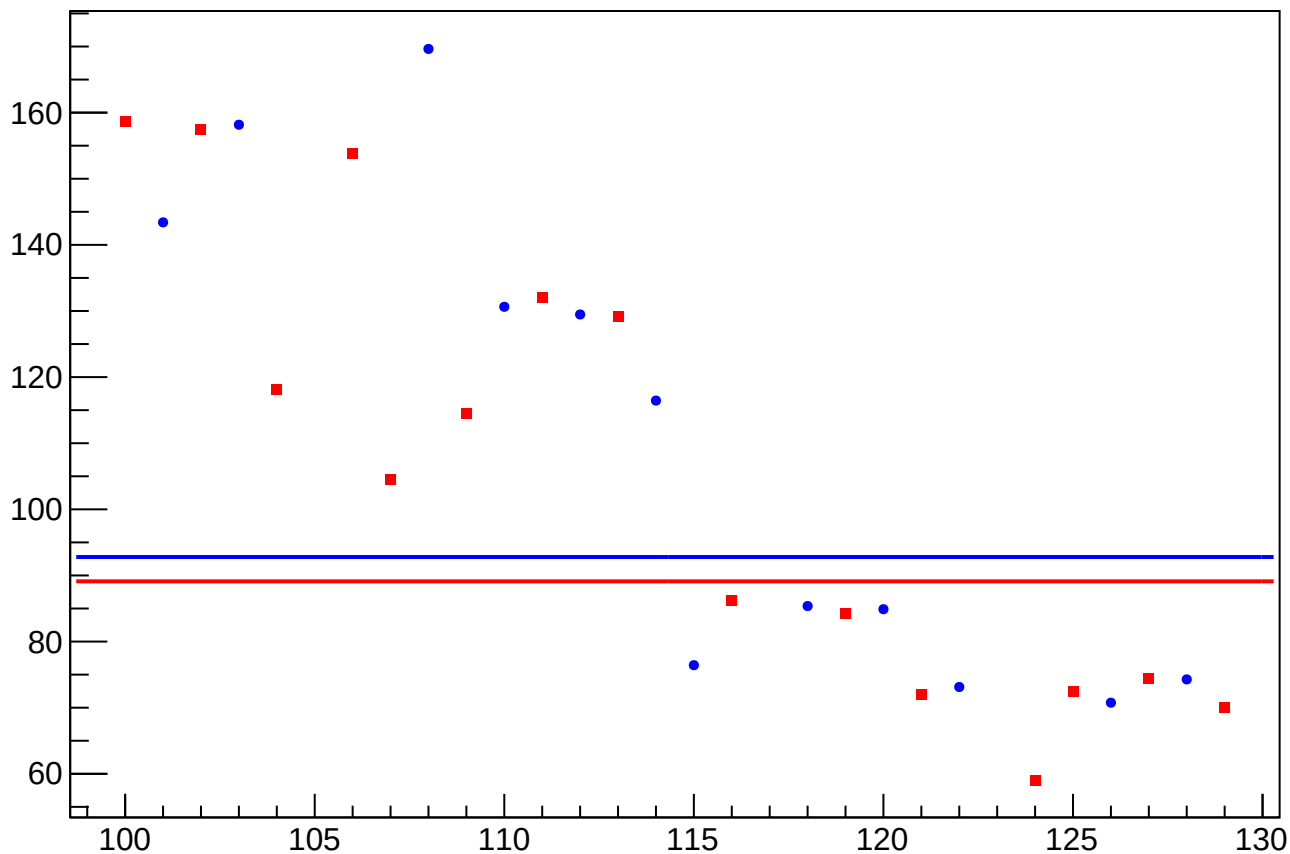
Right: -0.031 $\pm$ 0.029 χ^2 /NDF: 29.9/26

In: -0.044 $\pm$ 0.044 χ^2 /NDF:12.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.031 $\pm$ 0.029 χ^2 /NDF: 29.9/26

asym_sam_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 92.789+/-0.031 χ^2/NDF : 903935.6/11

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

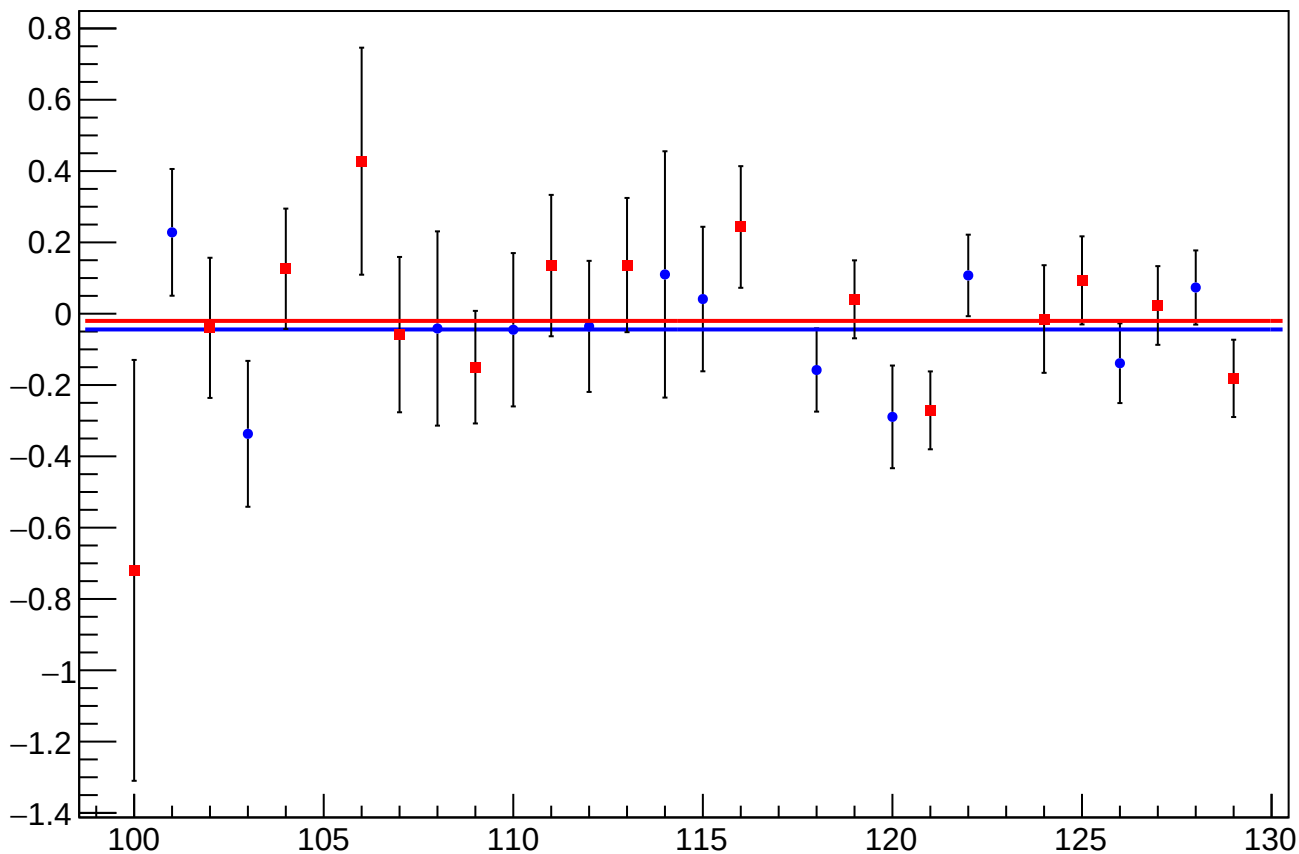
Right: 90.727+/-0.020 χ^2/NDF : 1836233.4/26

In: 92.789+/-0.031 χ^2/NDF :903935.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 90.727+/-0.020 χ^2/NDF : 1836233.4/26

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.044+/-0.044 χ^2/NDF : 12.4/11

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

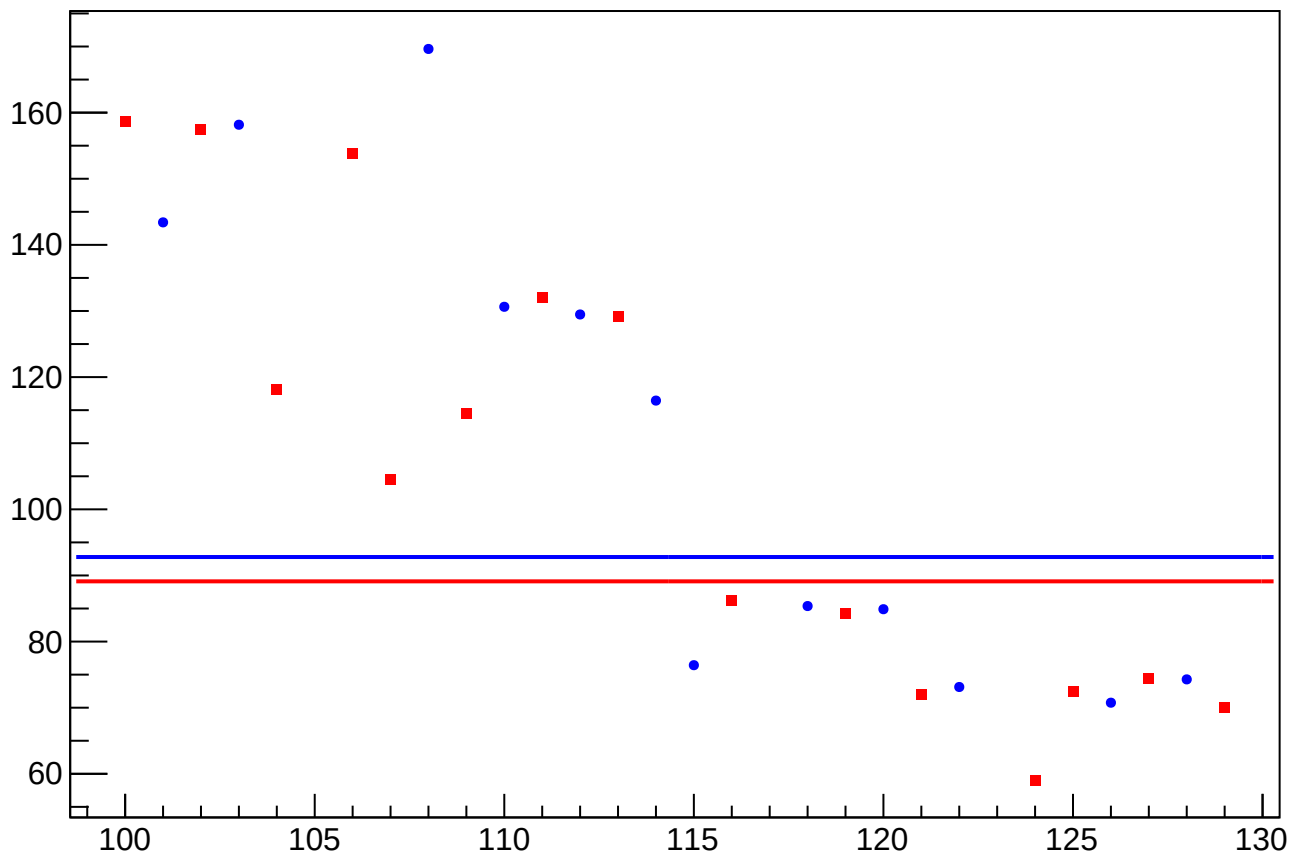
Right: -0.031+/-0.029 χ^2/NDF : 29.9/26

In: -0.044+/-0.044 χ^2/NDF : 12.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.031+/-0.029 χ^2/NDF : 29.9/26

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 92.789+/-0.031 χ^2/NDF : 903935.6/11

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

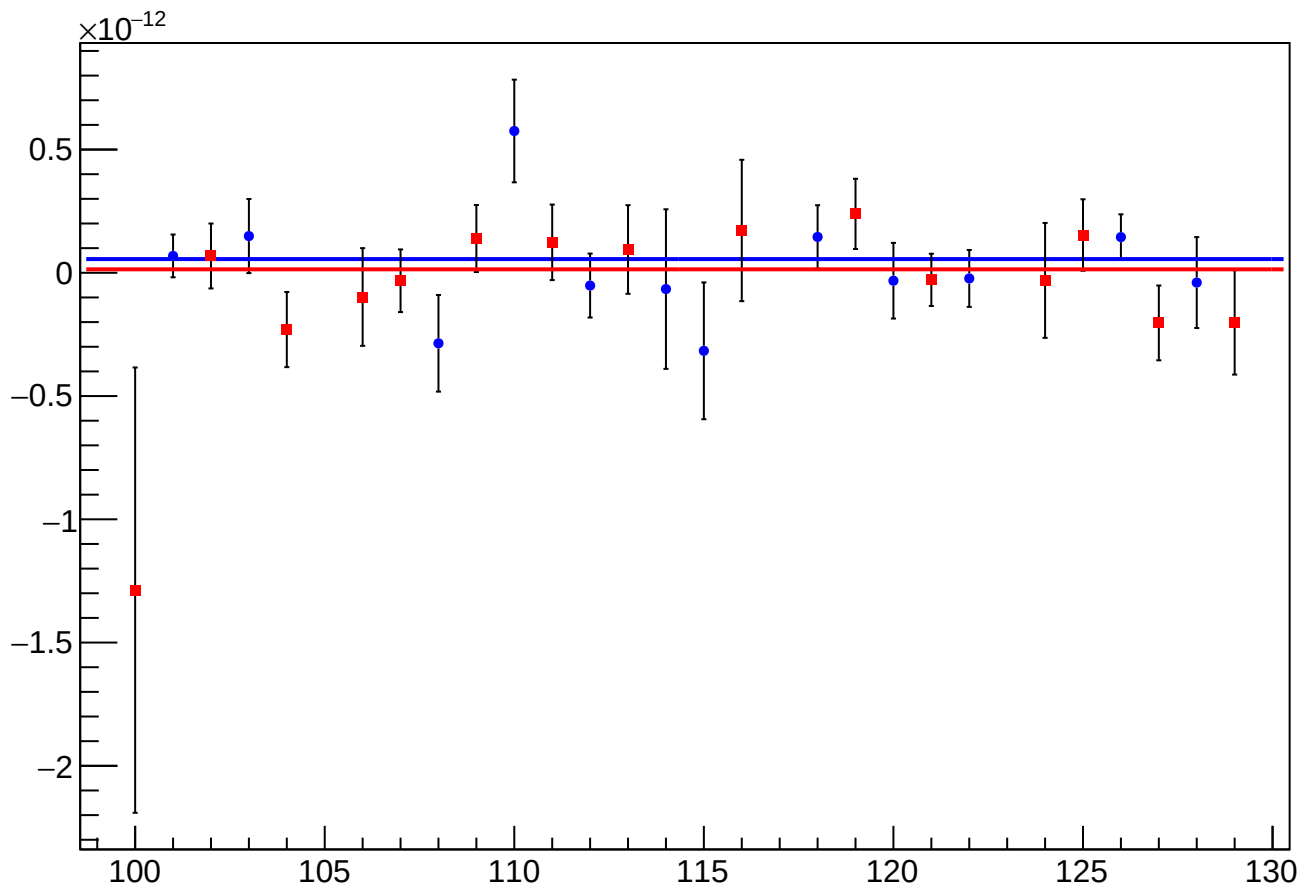
Right: 90.727+/-0.020 χ^2/NDF : 1836233.4/26

In: 92.789+/-0.031 χ^2/NDF :903935.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 90.727+/-0.020 χ^2/NDF : 1836233.4/26

asym_sam_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.8/11

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

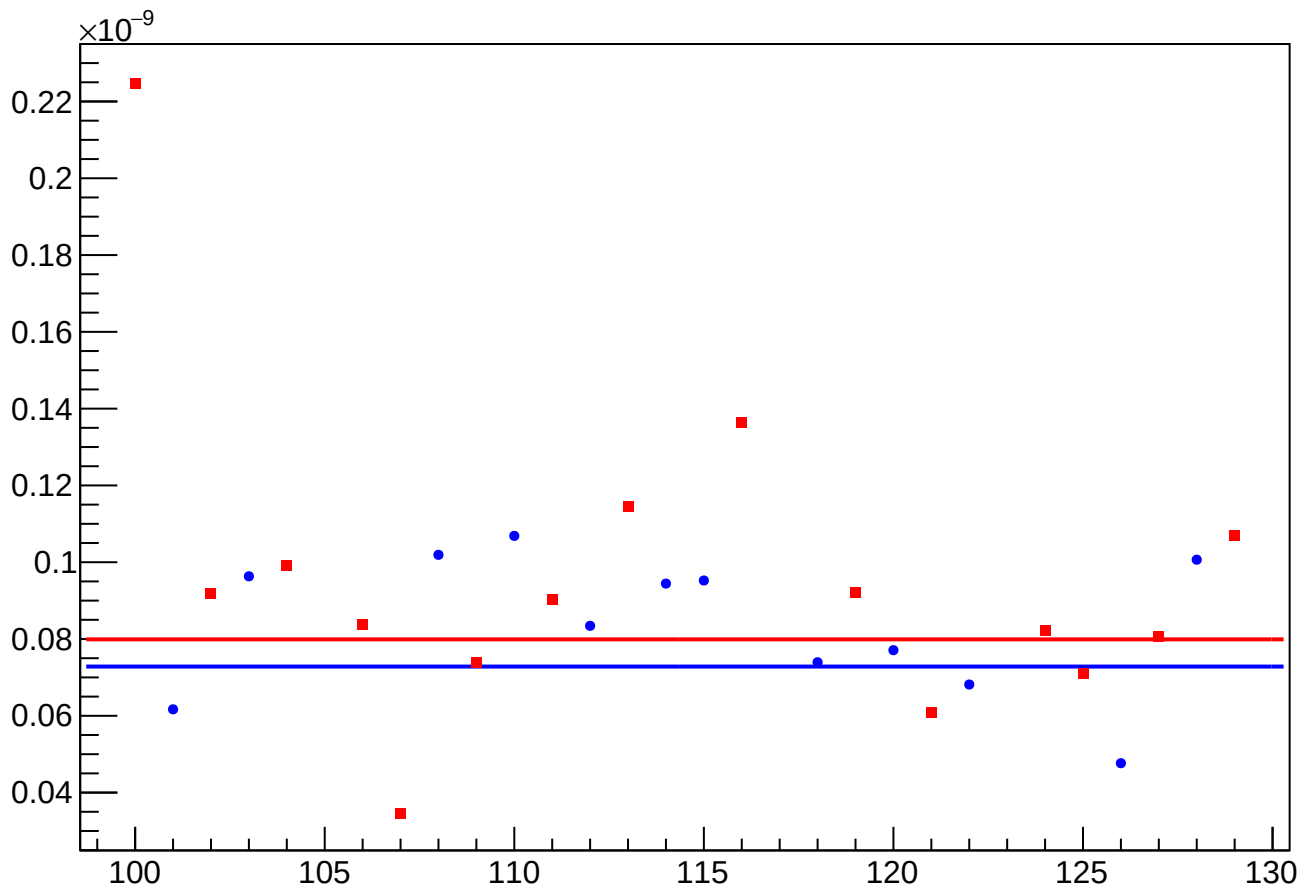
Right: 0.000+/-0.000 χ^2/NDF : 29.1/26

In: 0.000+/-0.000 χ^2/NDF : 14.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.1/26

asym_sam_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 413698.5/11

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

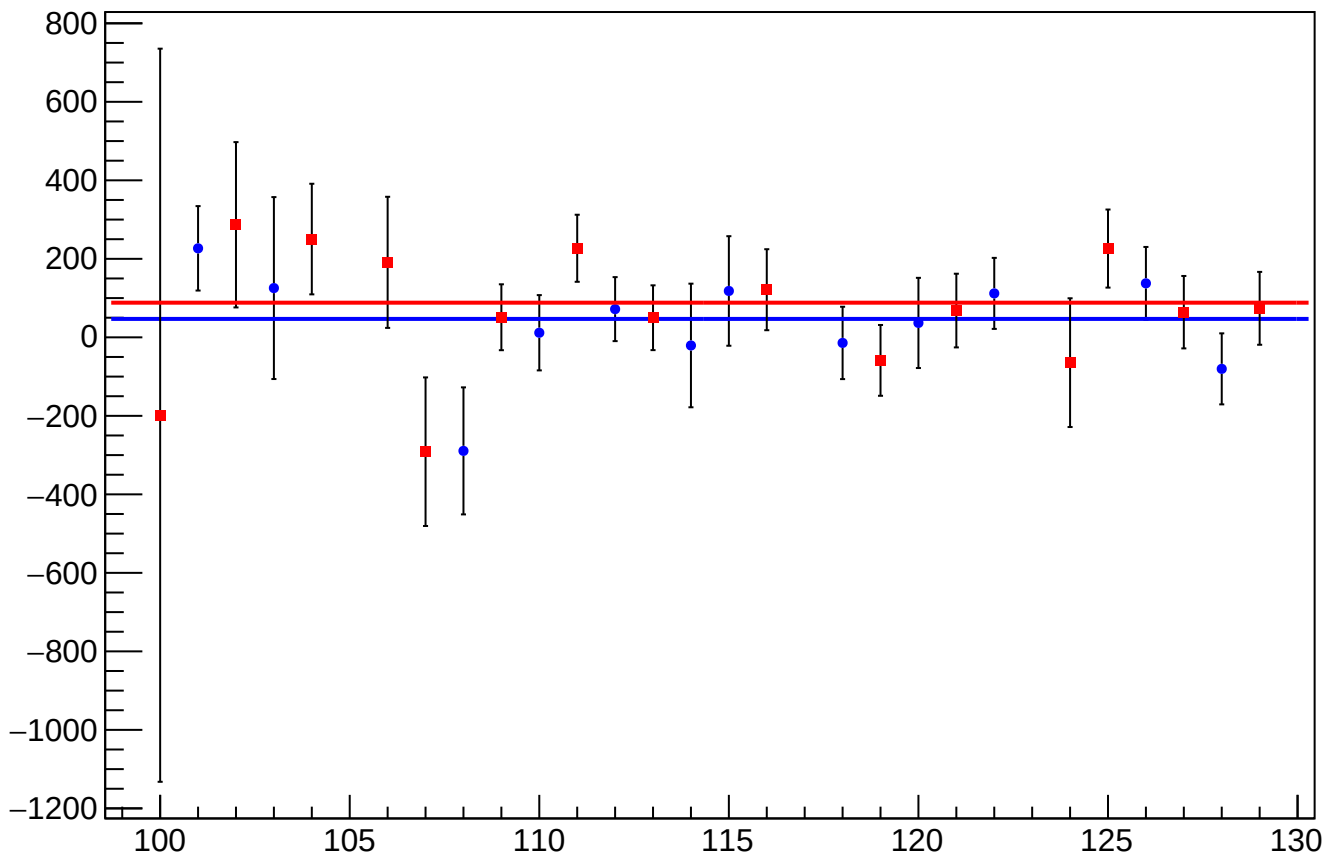
Right: 0.000+/-0.000 χ^2/NDF : 1084026.0/26

In: 0.000+/-0.000 χ^2/NDF : 413698.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1084026.0/26

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 46.936 $\pm$ 30.884 χ^2 /NDF: 11.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 88.298 $\pm$ 28.106 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

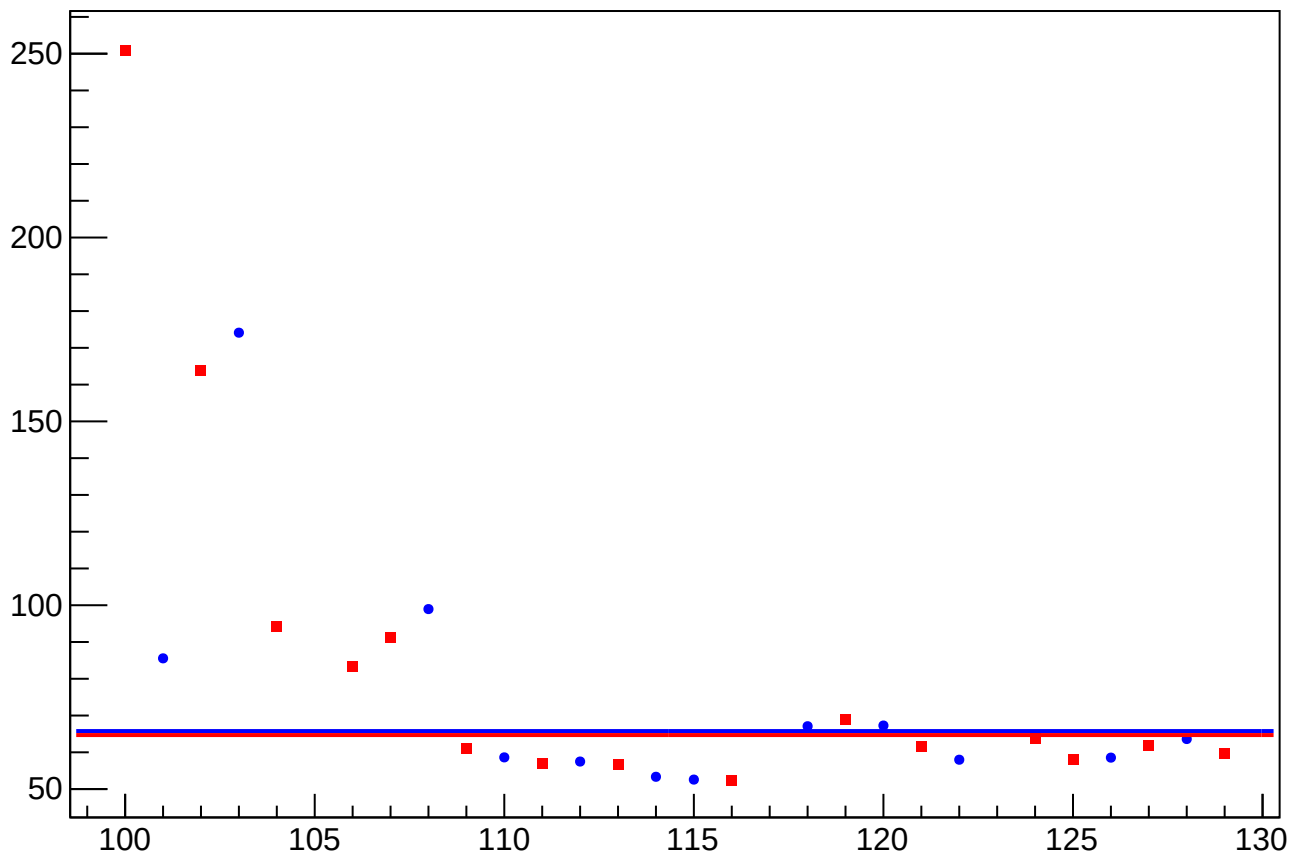
Right: 69.561 $\pm$ 20.787 χ^2 /NDF: 28.2/26

In: 46.936 $\pm$ 30.884 χ^2 /NDF:11.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 69.561 $\pm$ 20.787 χ^2 /NDF: 28.2/26

reg_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 65.778+/-0.022 χ^2/NDF : 679894.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.691+/-0.020 χ^2/NDF : 765621.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

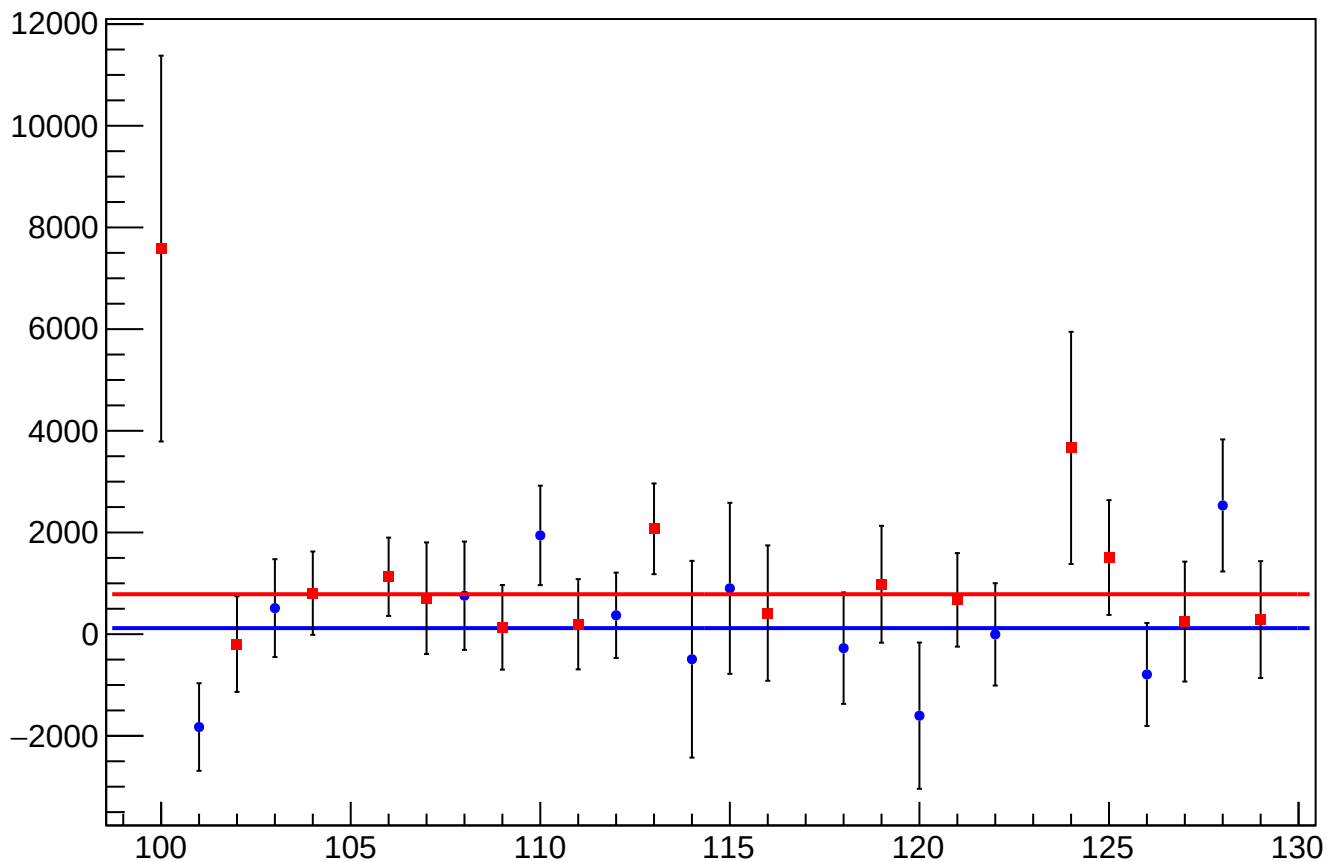
Right: 65.184+/-0.015 χ^2/NDF : 1446871.7/26

In: 65.778+/-0.022 χ^2/NDF : 679894.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.184+/-0.015 χ^2/NDF : 1446871.7/26

asym_sam_37_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 118.996+/-312.115 χ^2/NDF : 15.3/11

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

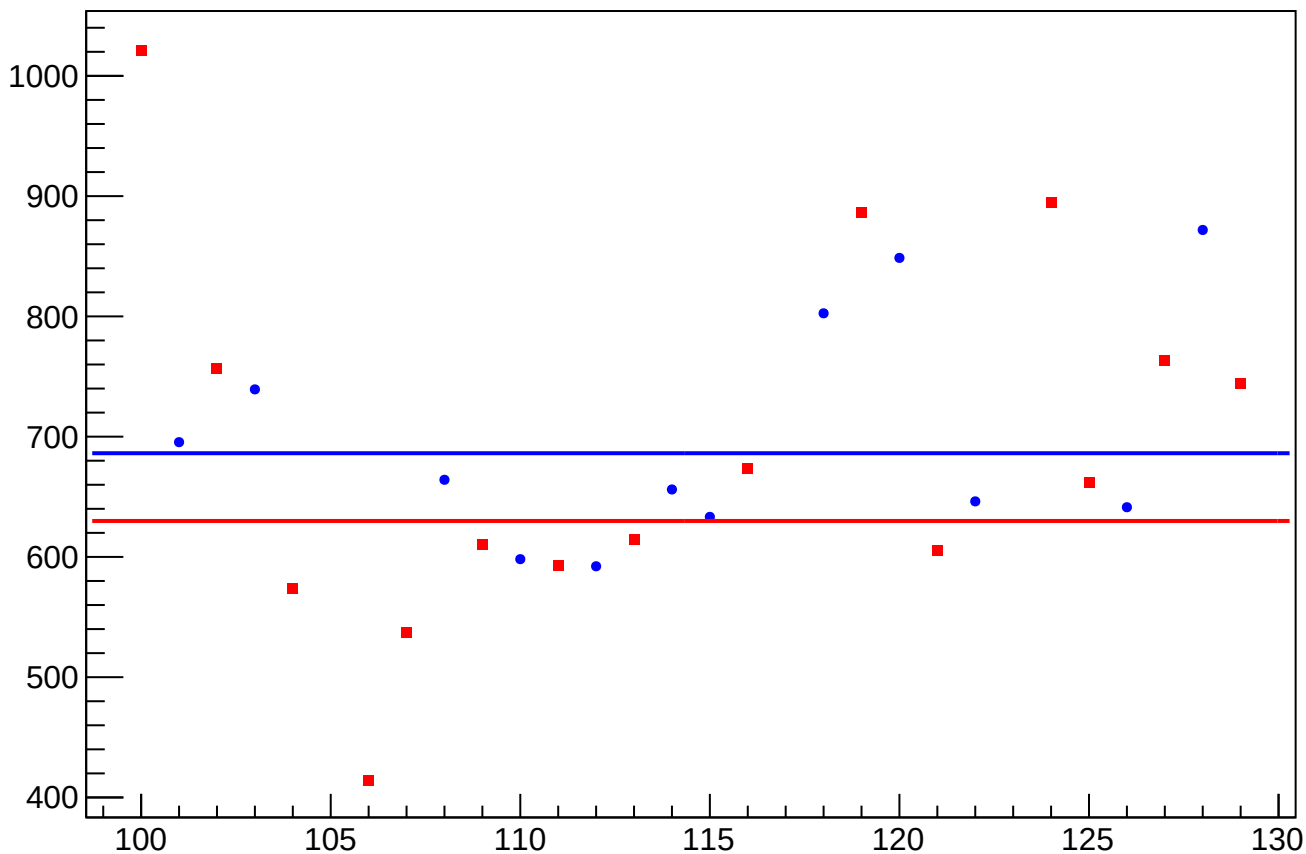
Right: 505.000+/-202.476 χ^2/NDF : 28.1/26

In: 118.996+/-312.115 χ^2/NDF : 15.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 505.000+/-202.476 χ^2/NDF : 28.1/26

asym_sam_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 686.226+/-0.221 χ^2/NDF : 146946.5/11

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

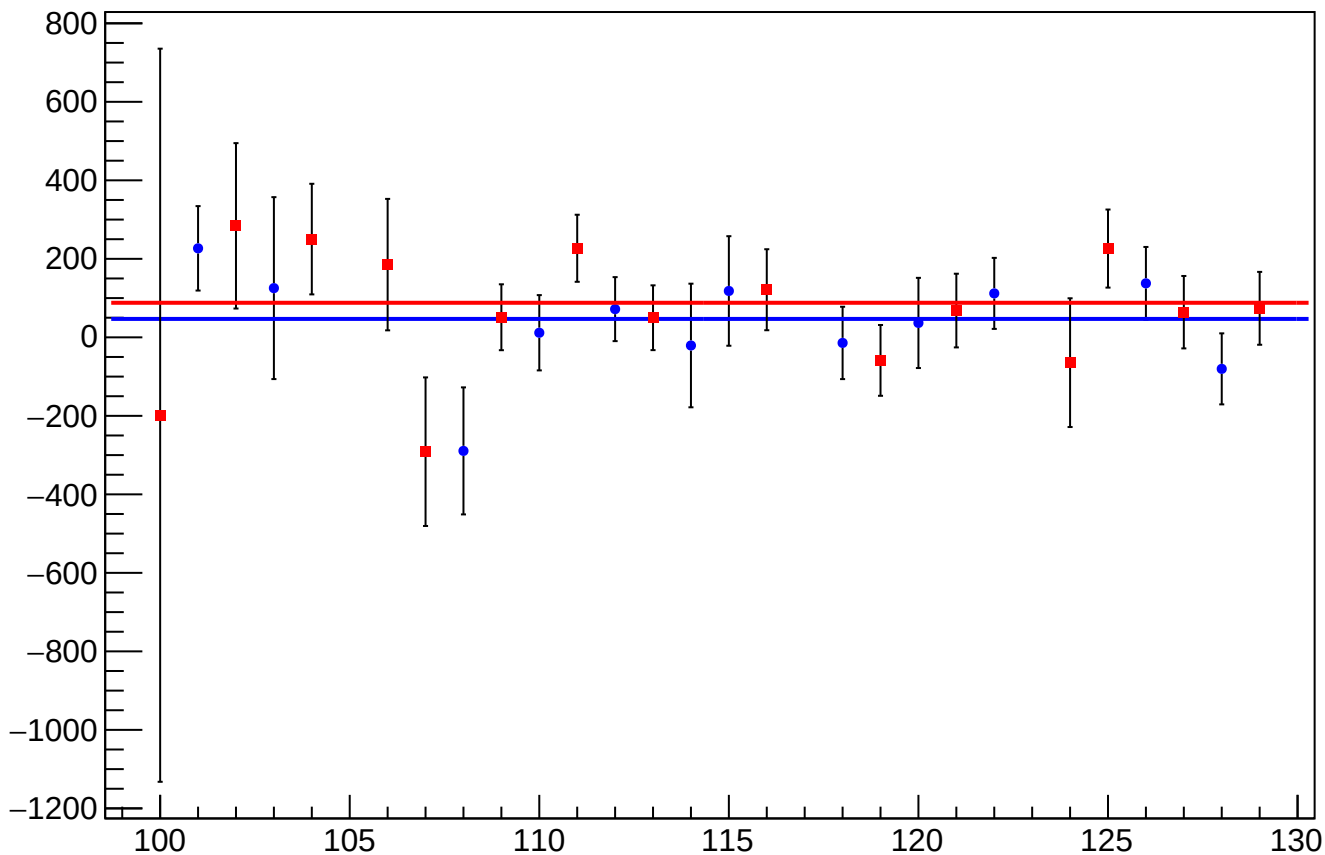
Right: 653.608+/-0.143 χ^2/NDF : 604929.3/26

In: 686.226+/-0.221 χ^2/NDF : 146946.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 653.608+/-0.143 χ^2/NDF : 604929.3/26

cor_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 46.927 $\pm$ 30.884 χ^2 /NDF: 11.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 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

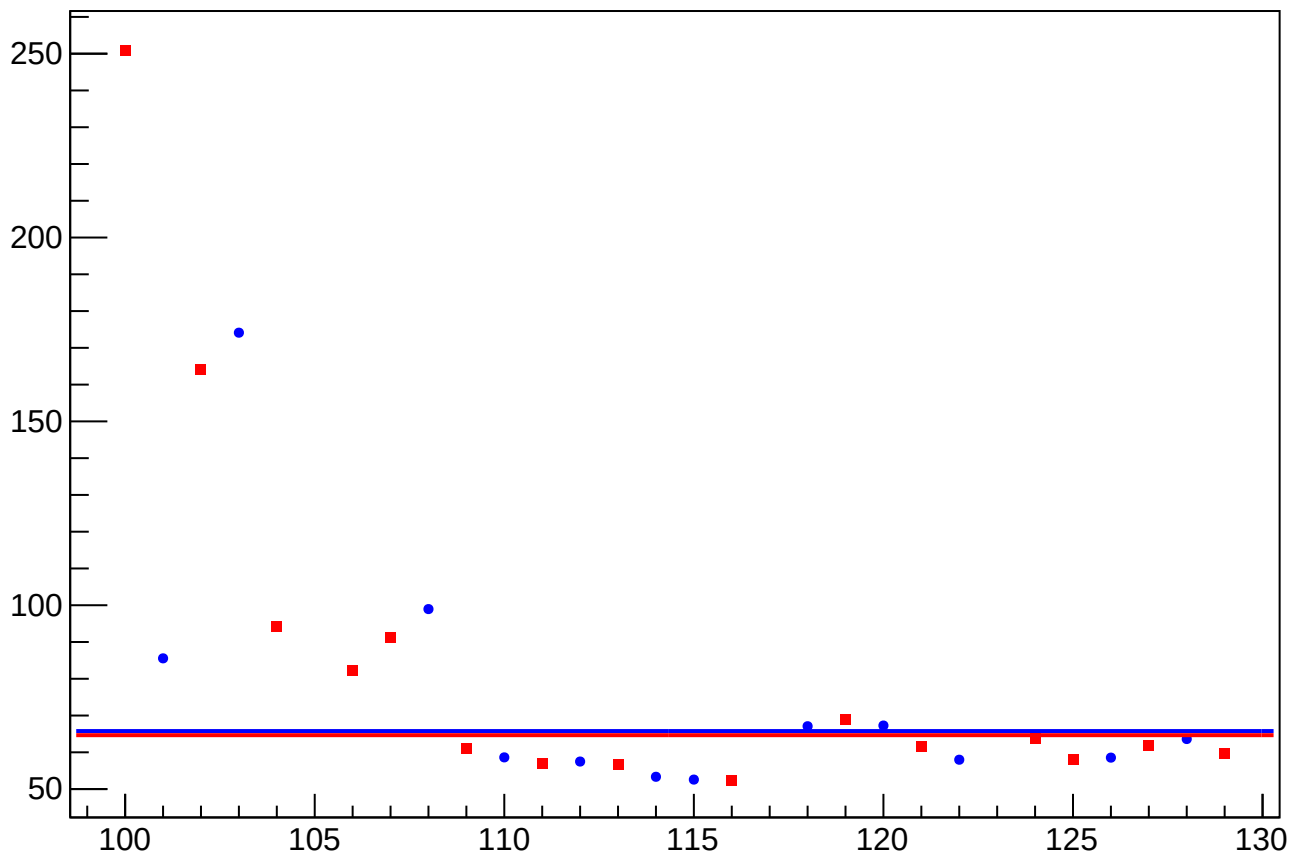
Right: 69.424 $\pm$ 20.788 χ^2 /NDF: 28.1/26

In: 46.927 $\pm$ 30.884 χ^2 /NDF:11.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 69.424 $\pm$ 20.788 χ^2 /NDF: 28.1/26

cor_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 65.778+/-0.022 χ^2/NDF : 679897.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

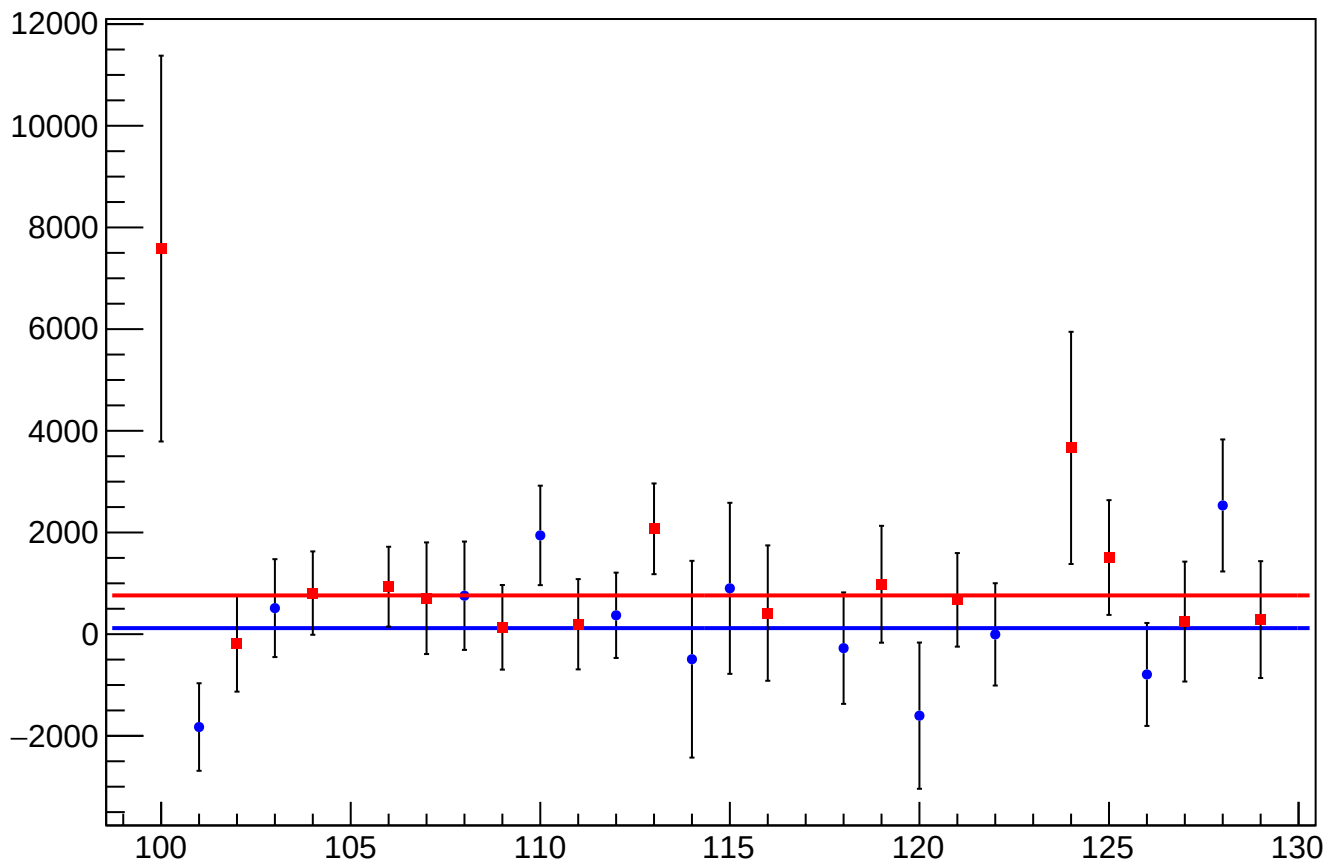
Right: 65.166+/-0.015 χ^2/NDF : 1444366.1/26

In: 65.778+/-0.022 χ^2/NDF : 679897.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.166+/-0.015 χ^2/NDF : 1444366.1/26

asym_sam_37_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 119.004+/-312.119 χ^2/NDF : 15.3/11

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

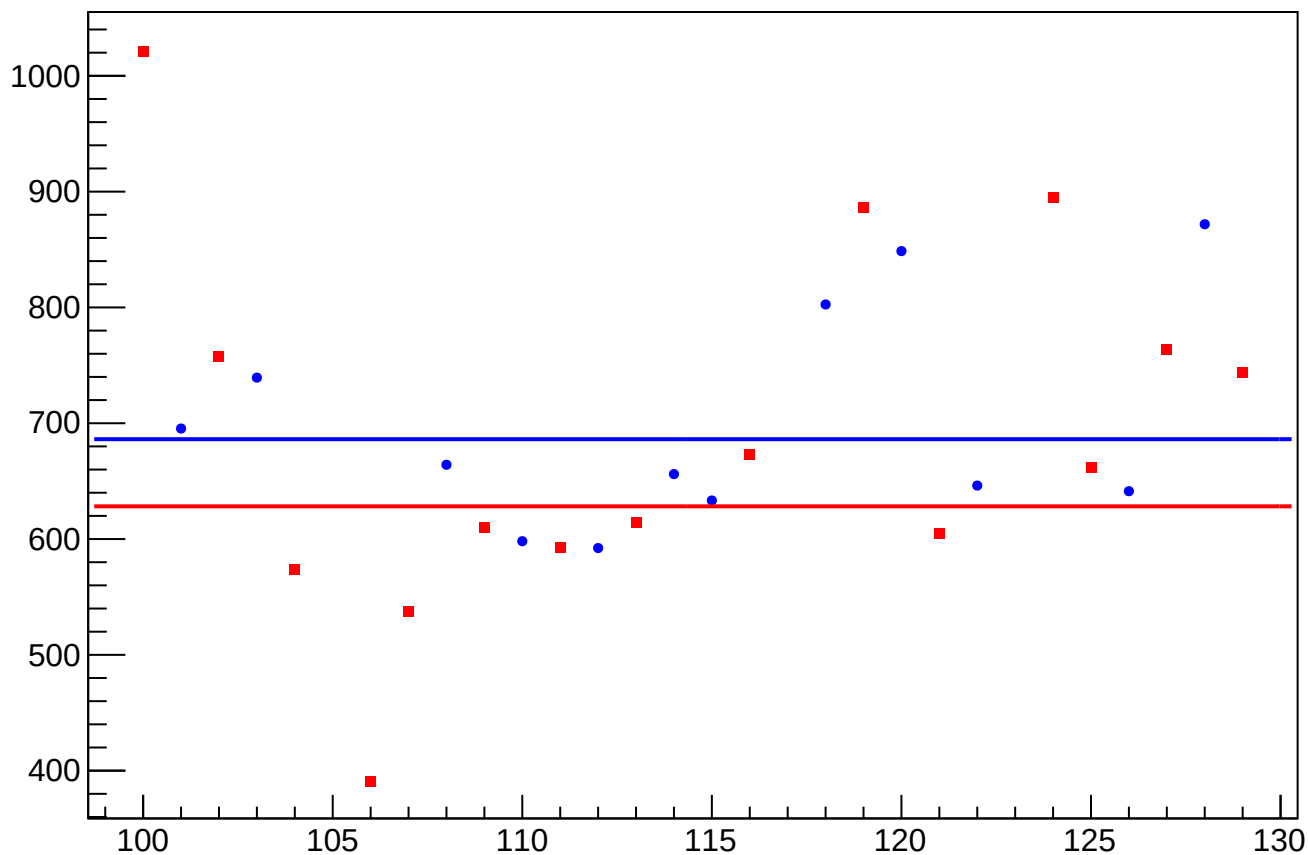
Right: 490.743+/-202.761 χ^2/NDF : 27.8/26

In: 119.004+/-312.119 χ^2/NDF : 15.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 490.743+/-202.761 χ^2/NDF : 27.8/26

asym_sam_37_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 686.233+/-0.221 χ^2/NDF : 146963.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

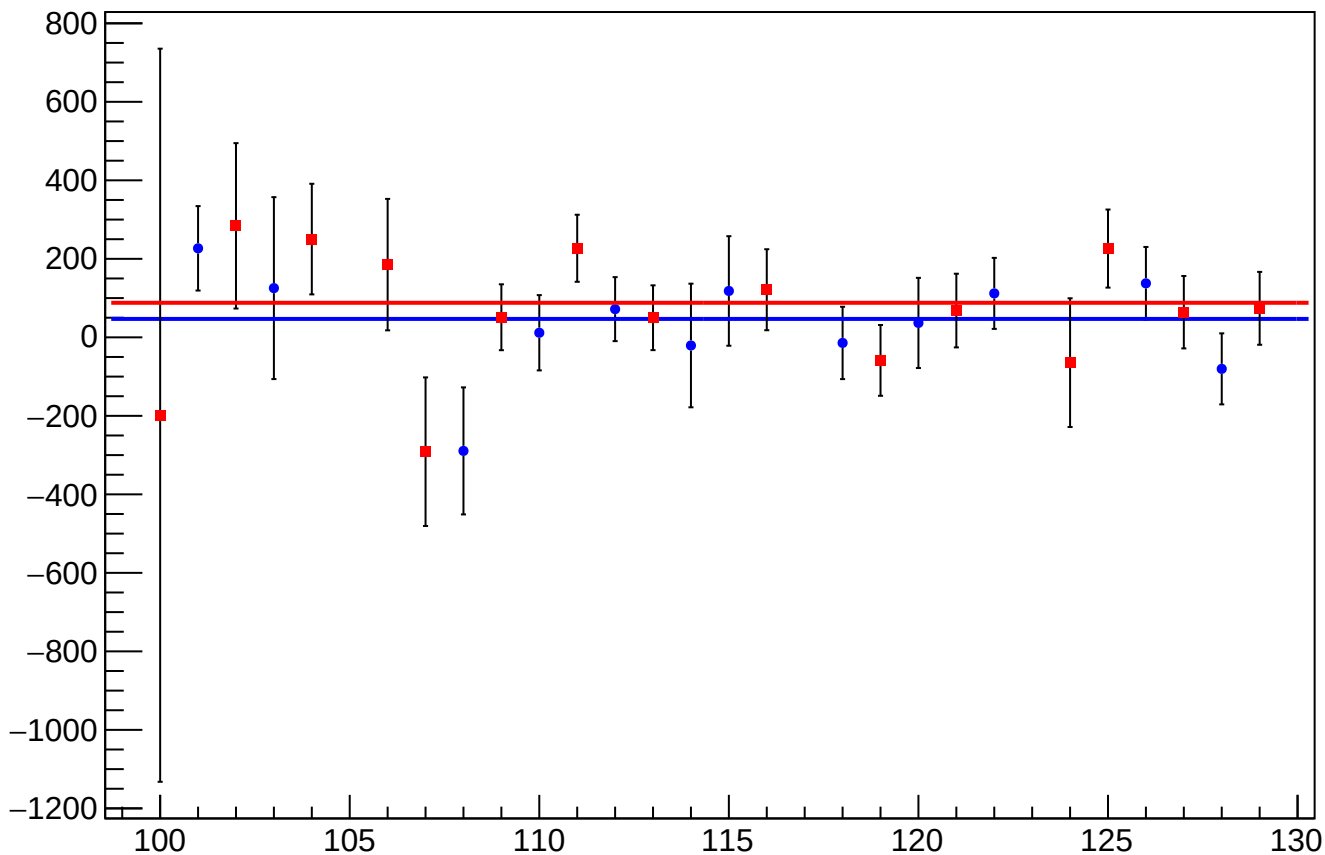
Right: 652.722+/-0.143 χ^2/NDF : 635782.1/26

In: 686.233+/-0.221 χ^2/NDF : 146963.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 652.722+/-0.143 χ^2/NDF : 635782.1/26

eigen_cor_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 46.927+/-30.884 χ^2/NDF : 11.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

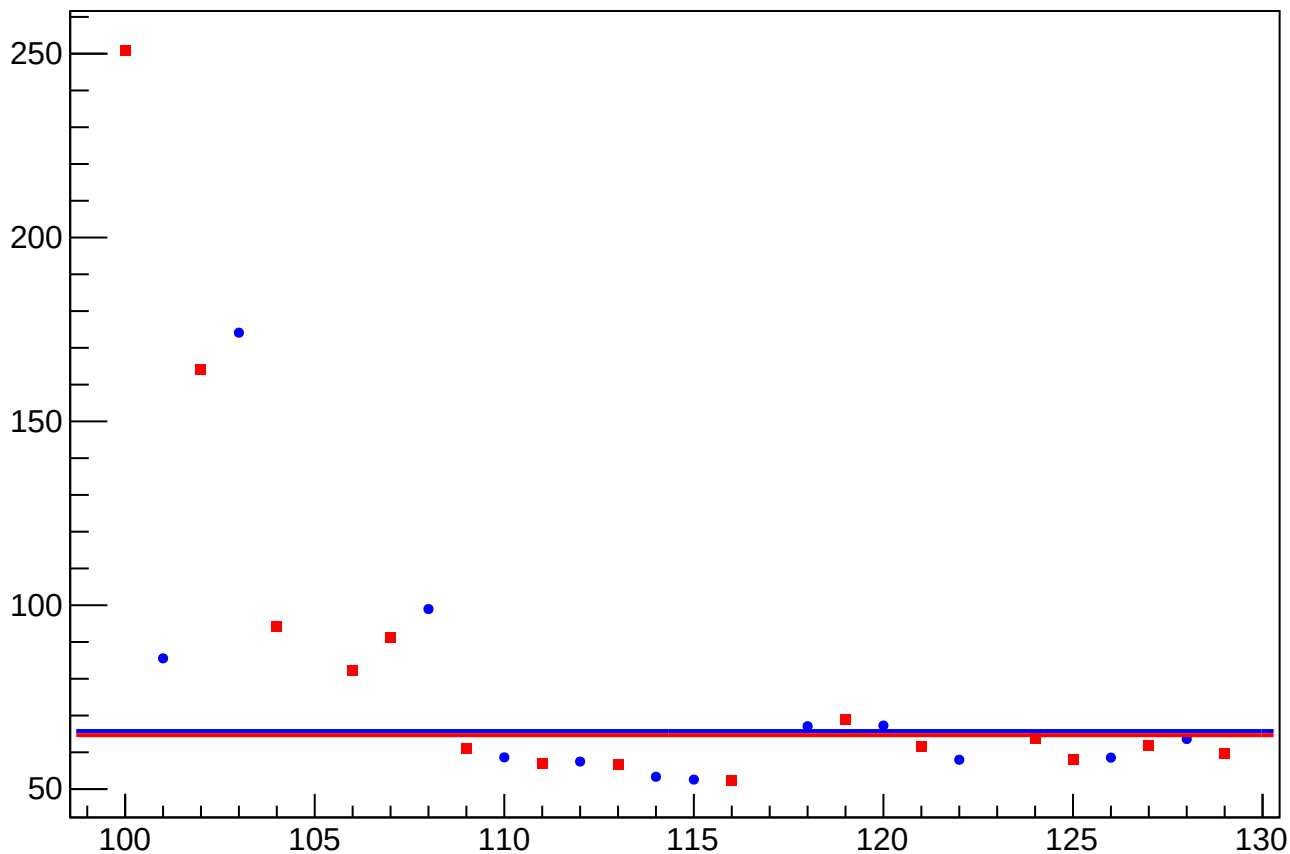
Right: 69.424+/-20.788 χ^2/NDF : 28.1/26

In: 46.927+/-30.884 χ^2/NDF : 11.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.424+/-20.788 χ^2/NDF : 28.1/26

eigen_cor_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 65.778+/-0.022 χ^2/NDF : 679897.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

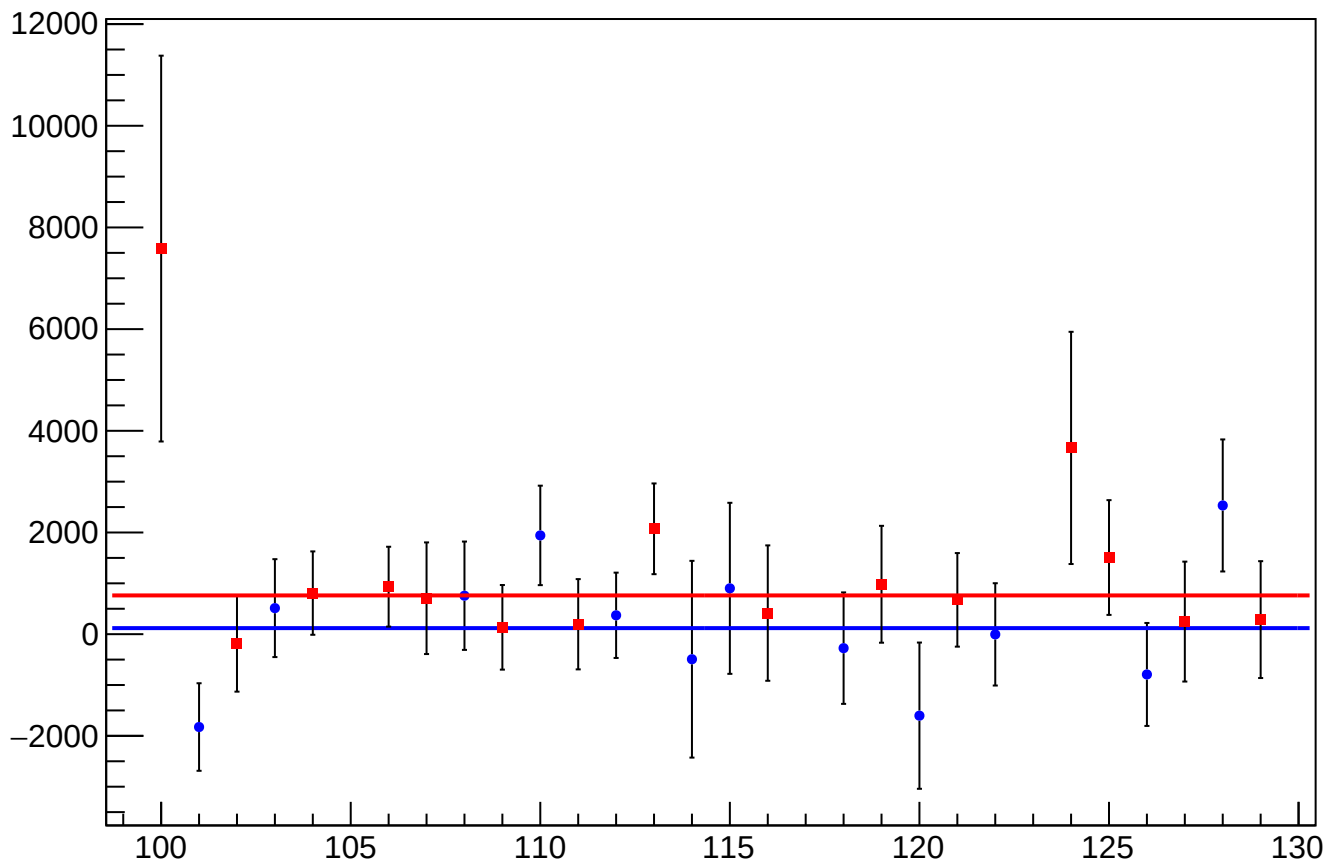
Right: 65.166+/-0.015 χ^2/NDF : 1444366.1/26

In: 65.778+/-0.022 χ^2/NDF : 679897.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.166+/-0.015 χ^2/NDF : 1444366.1/26

asym_sam_37_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 119.004+/-312.119 χ^2/NDF : 15.3/11

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

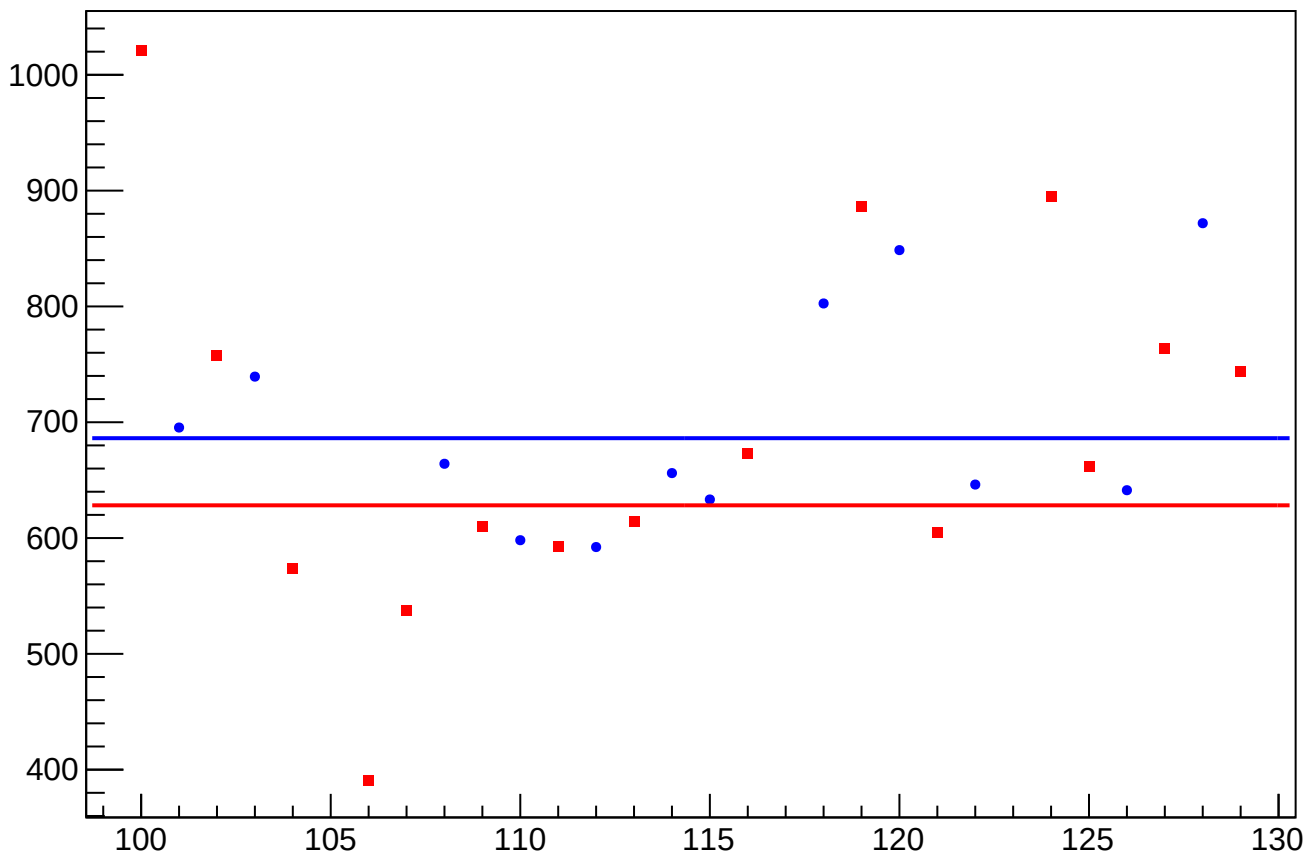
Right: 490.743+/-202.761 χ^2/NDF : 27.8/26

In: 119.004+/-312.119 χ^2/NDF : 15.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 490.743+/-202.761 χ^2/NDF : 27.8/26

asym_sam_37_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 686.233+/-0.221 χ^2/NDF : 146963.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

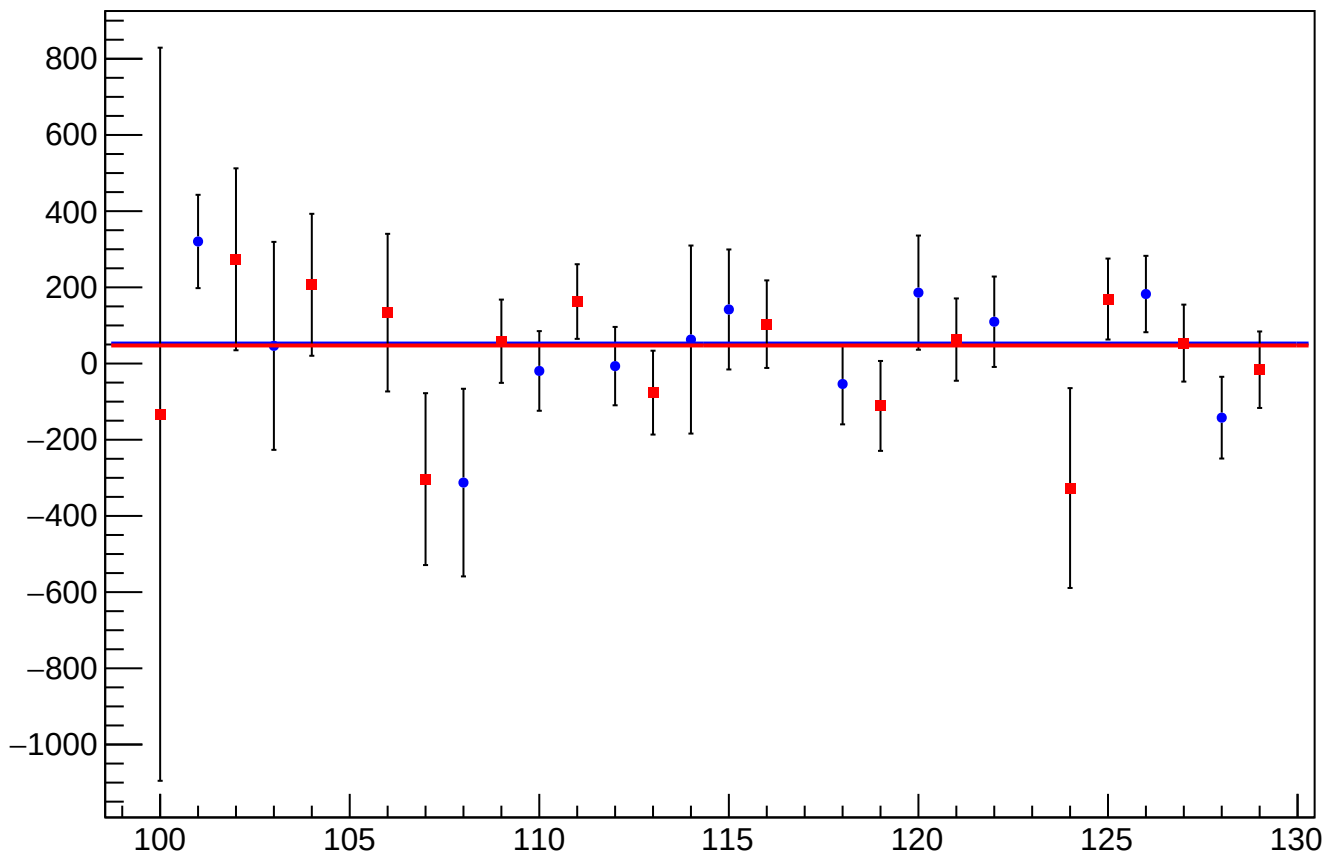
Right: 652.722+/-0.143 χ^2/NDF : 635782.1/26

In: 686.233+/-0.221 χ^2/NDF : 146963.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 652.722+/-0.143 χ^2/NDF : 635782.1/26

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 52.454 $\pm$ 37.007 χ^2 /NDF: 15.1/11

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

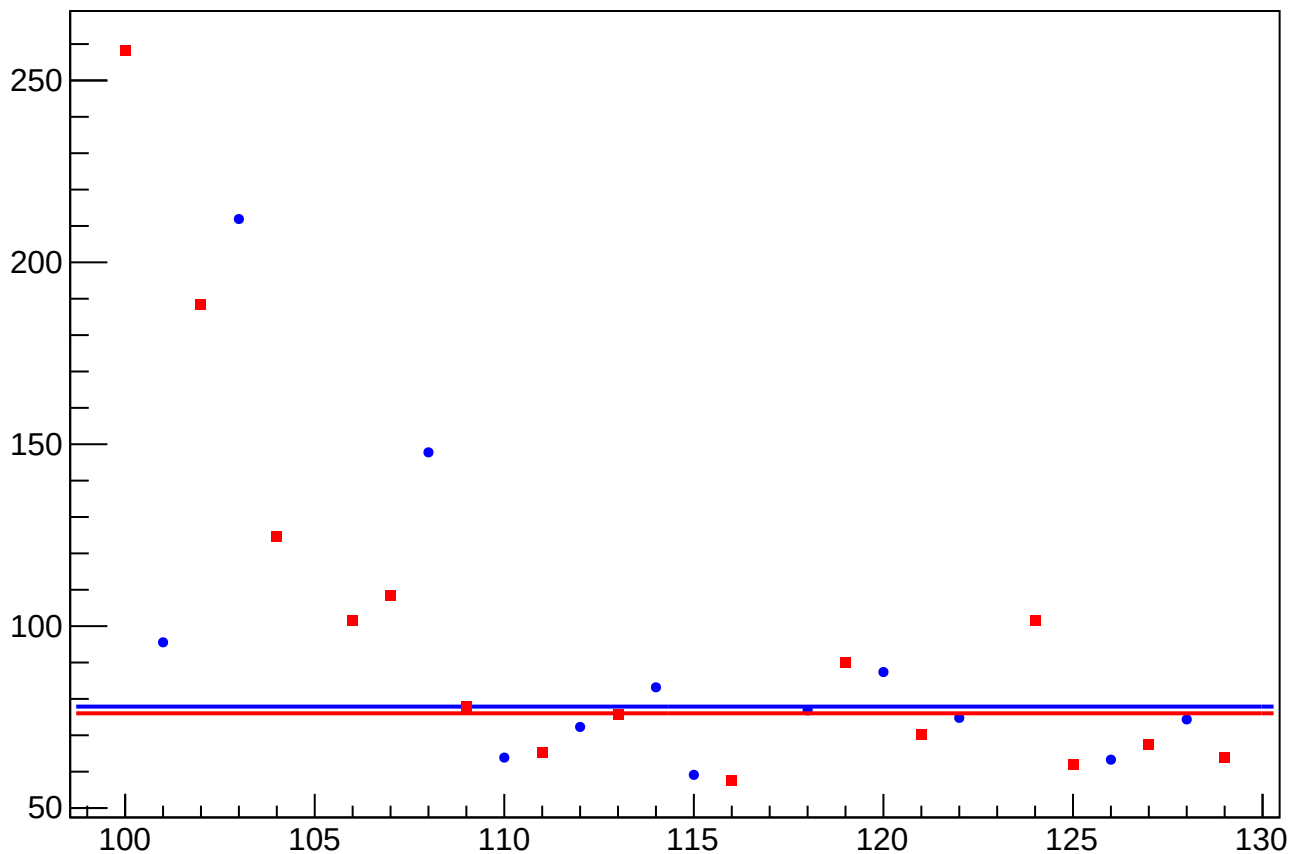
Right: 49.707 $\pm$ 24.810 χ^2 /NDF: 27.9/26

In: 52.454 $\pm$ 37.007 χ^2 /NDF:15.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 49.707 $\pm$ 24.810 χ^2 /NDF: 27.9/26

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 77.884 $\pm$ 0.026 χ^2 /NDF: 810181.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 76.039 $\pm$ 0.024 χ^2 /NDF: 931372.2/14

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

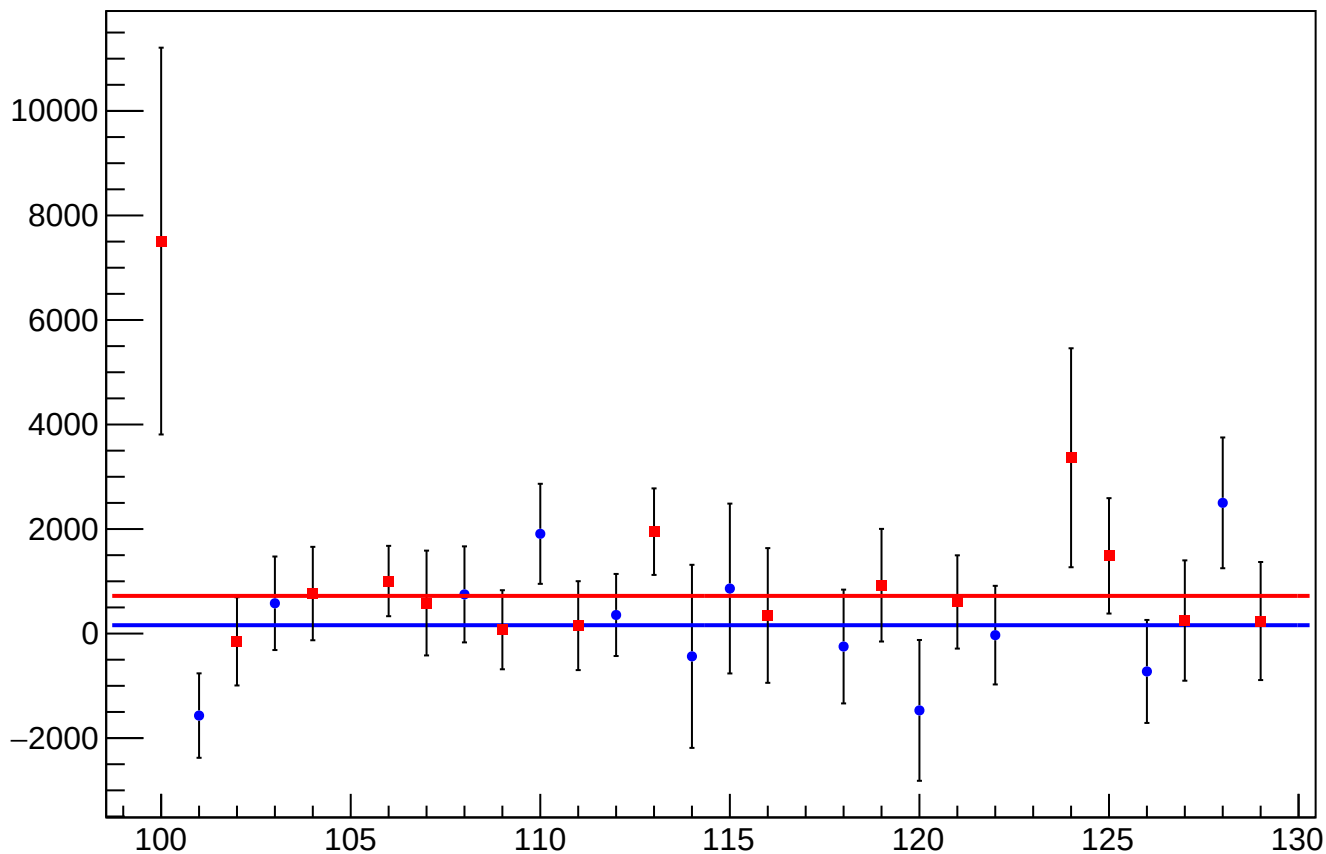
Right: 76.868 $\pm$ 0.018 χ^2 /NDF: 1744290.7/26

In: 77.884 $\pm$ 0.026 χ^2 /NDF:810181.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 76.868 $\pm$ 0.018 χ^2 /NDF: 1744290.7/26

asym_sam_37_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 159.947+/-293.981 χ^2/NDF : 14.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 720.851+/-251.371 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

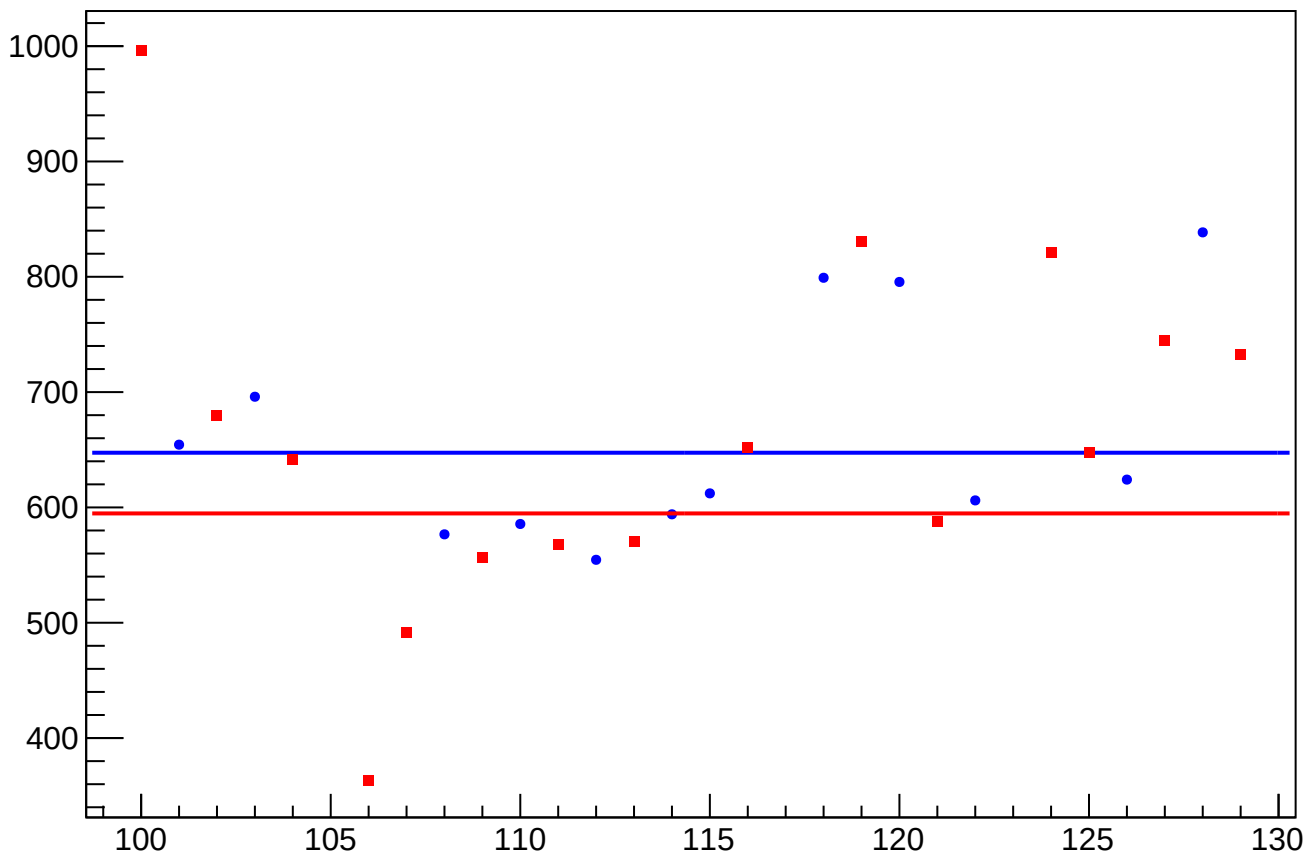
Right: 483.958+/-191.051 χ^2/NDF : 27.5/26

In: 159.947+/-293.981 χ^2/NDF : 14.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 483.958+/-191.051 χ^2/NDF : 27.5/26

asym_sam_37_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 647.425+/-0.208 χ^2/NDF : 171628.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

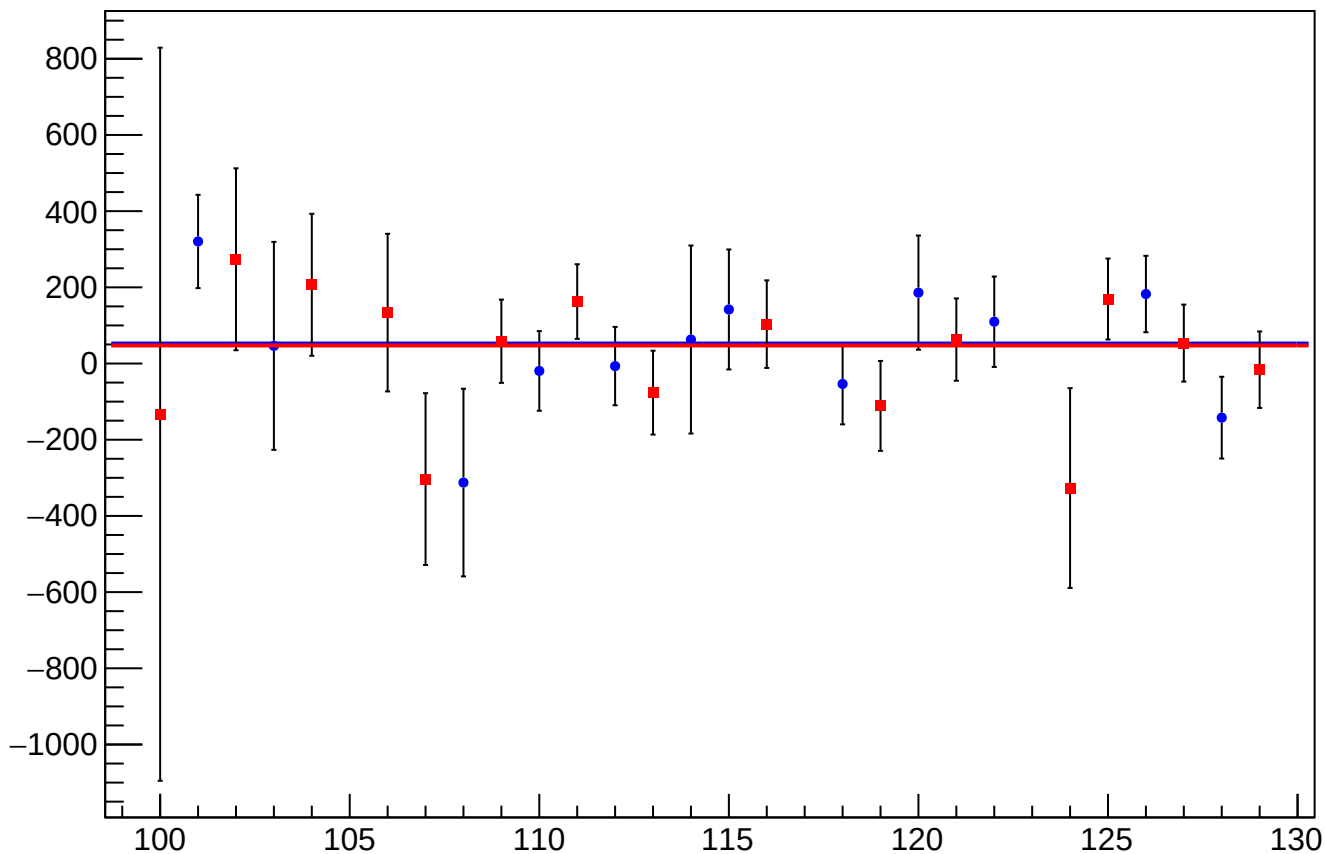
Right: 617.021+/-0.135 χ^2/NDF : 716113.1/26

In: 647.425+/-0.208 χ^2/NDF : 171628.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 617.021+/-0.135 χ^2/NDF : 716113.1/26

eigen_dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 52.453+/-37.007 χ^2/NDF : 15.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.463+/-33.438 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

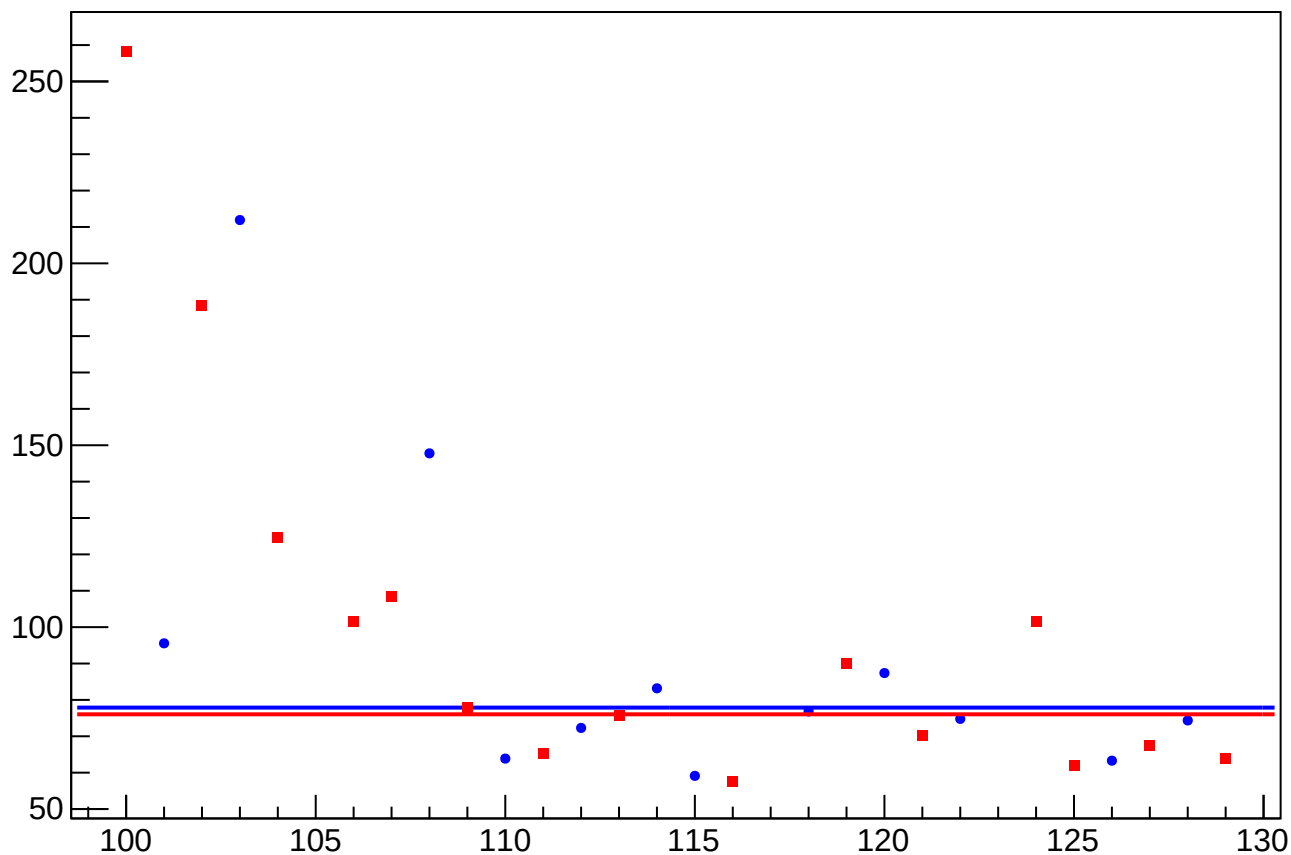
Right: 49.705+/-24.810 χ^2/NDF : 27.9/26

In: 52.453+/-37.007 χ^2/NDF : 15.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.705+/-24.810 χ^2/NDF : 27.9/26

eigen_dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 77.884+/-0.026 χ^2/NDF : 810178.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

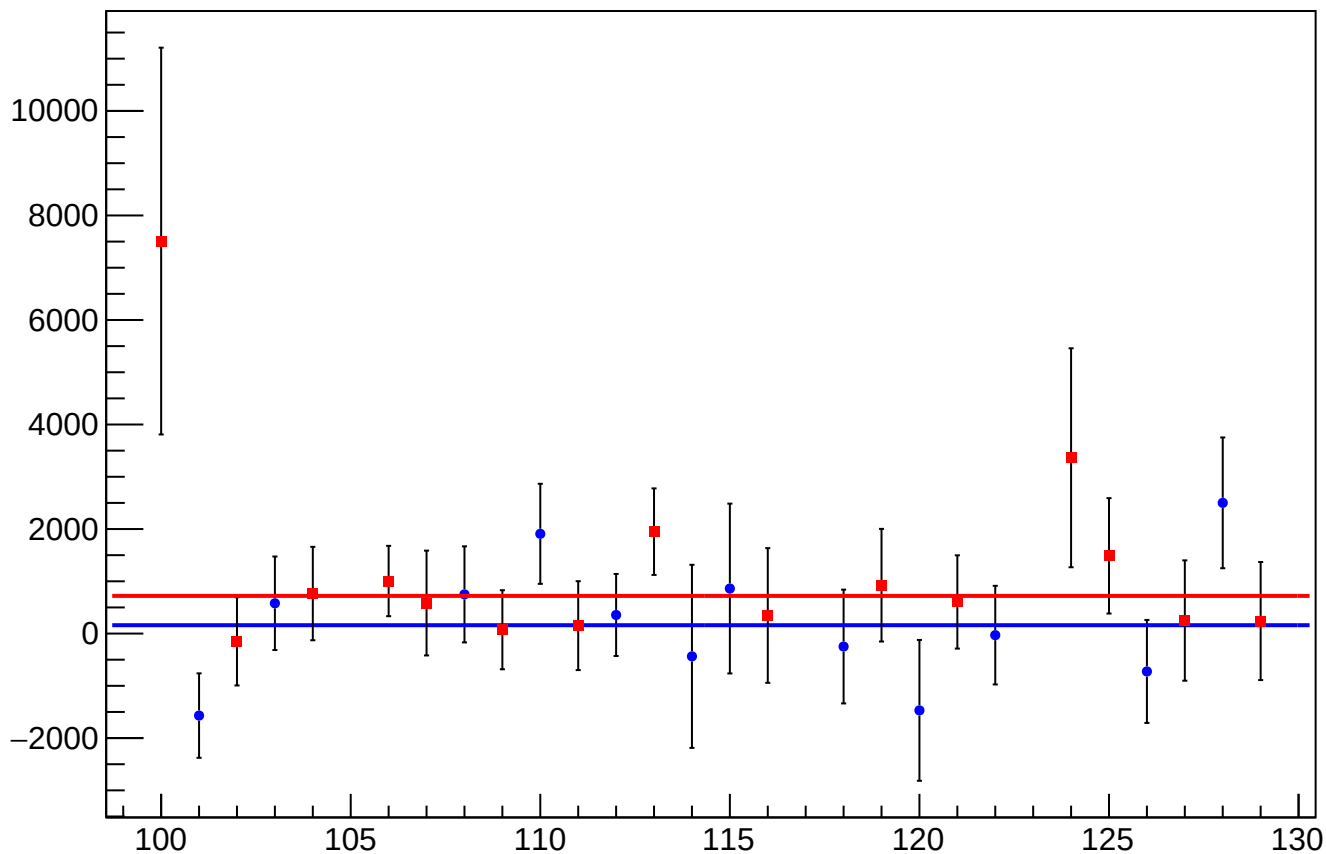
Right: 76.868+/-0.018 χ^2/NDF : 1744272.9/26

In: 77.884+/-0.026 χ^2/NDF : 810178.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.868+/-0.018 χ^2/NDF : 1744272.9/26

asym_sam_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 159.946 $\pm$ 293.980 χ^2 /NDF: 14.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 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

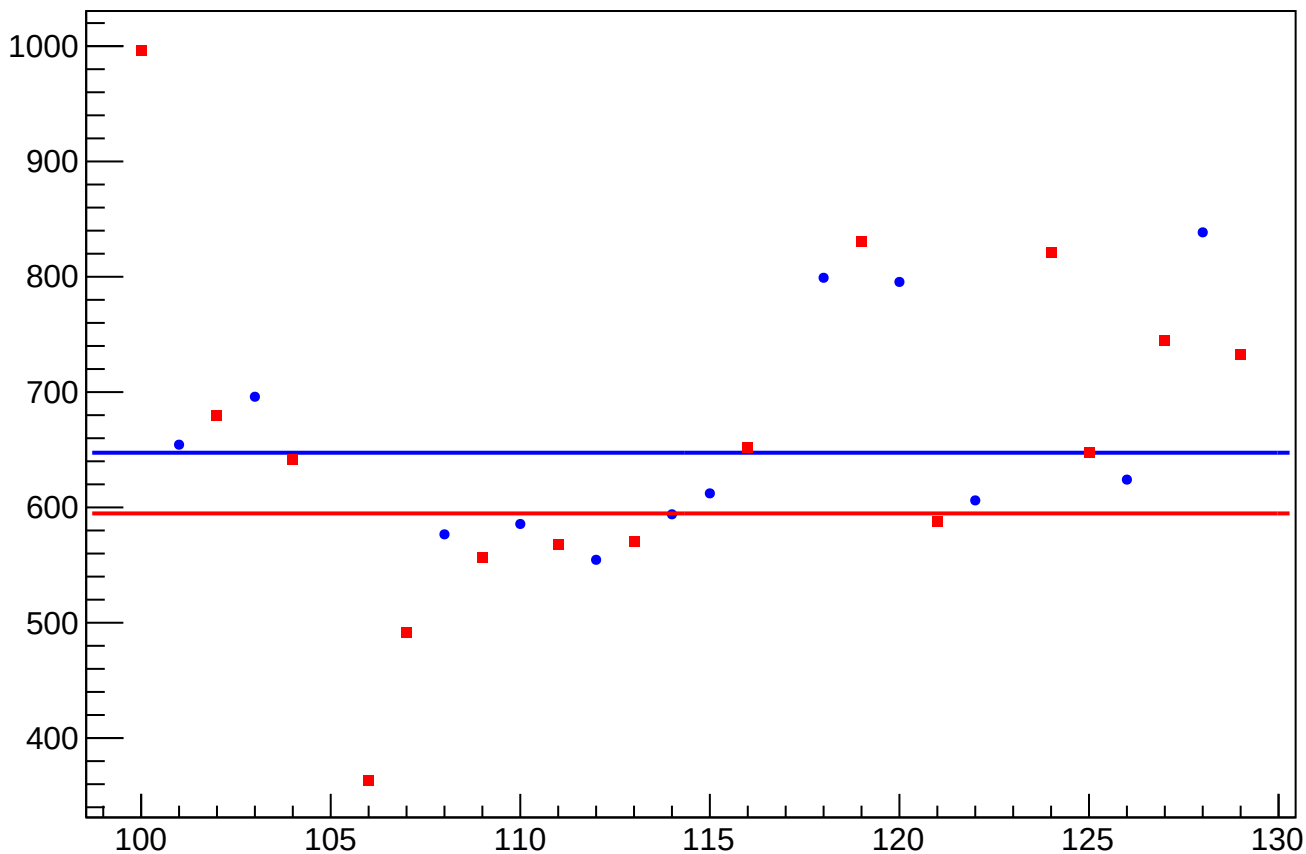
Right: 483.957 $\pm$ 191.051 χ^2 /NDF: 27.5/26

In: 159.946 $\pm$ 293.980 χ^2 /NDF:14.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 483.957 $\pm$ 191.051 χ^2 /NDF: 27.5/26

asym_sam_37_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 647.425+/-0.208 χ^2/NDF : 171631.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

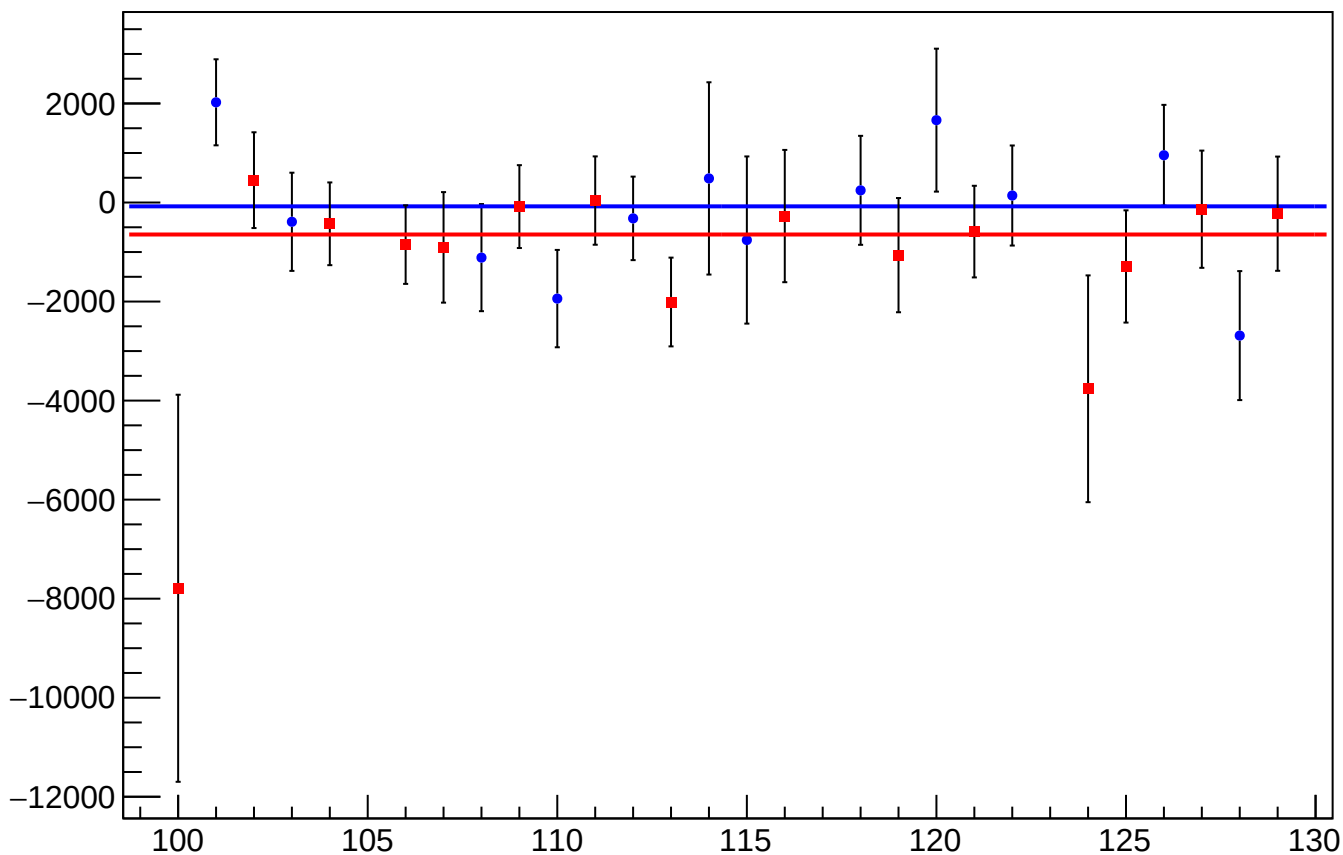
Right: 617.021+/-0.135 χ^2/NDF : 716117.5/26

In: 647.425+/-0.208 χ^2/NDF : 171631.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 617.021+/-0.135 χ^2/NDF : 716117.5/26

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: -77.515+/-314.708 χ^2/NDF : 17.4/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -645.940+/-269.139 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

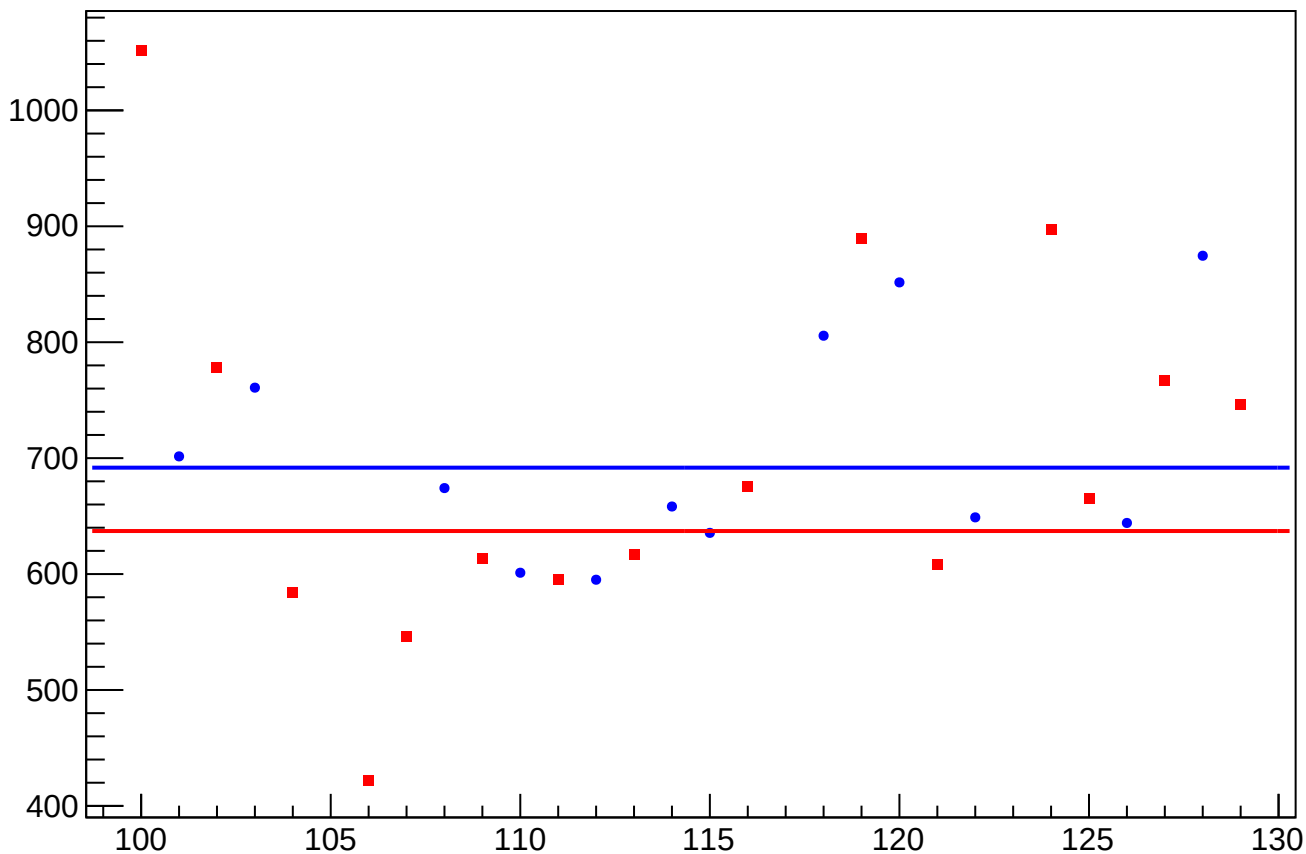
Right: -405.824+/-204.542 χ^2/NDF : 30.2/26

In: -77.515+/-314.708 χ^2/NDF :17.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -405.824+/-204.542 χ^2/NDF : 30.2/26

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 691.792 $\pm$ 0.223 χ^2 /NDF: 149909.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 637.125 $\pm$ 0.190 χ^2 /NDF: 408123.4/14

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

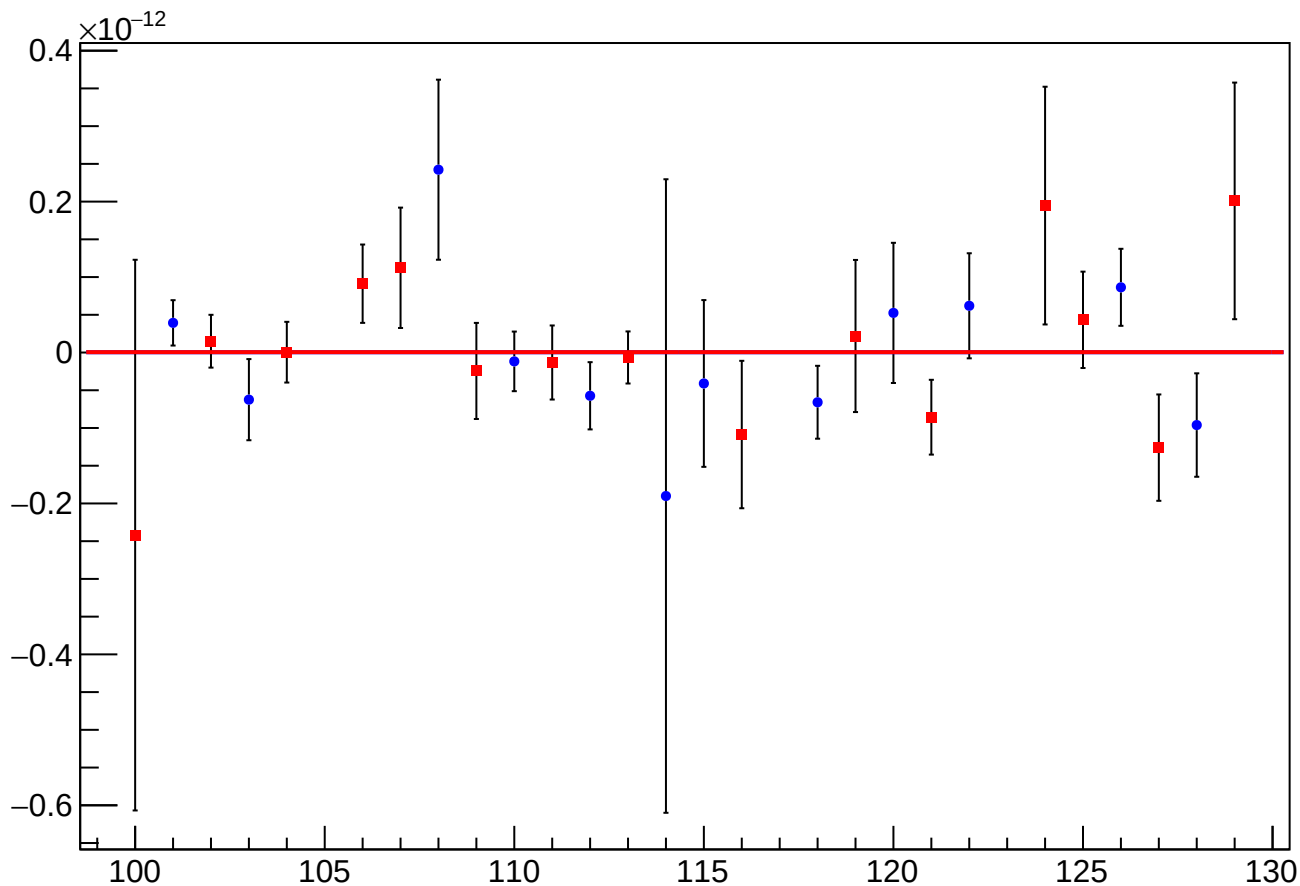
Right: 660.217 $\pm$ 0.145 χ^2 /NDF: 592888.9/26

In: 691.792 $\pm$ 0.223 χ^2 /NDF:149909.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 660.217 $\pm$ 0.145 χ^2 /NDF: 592888.9/26

asym_sam_37_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 17.1/11

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

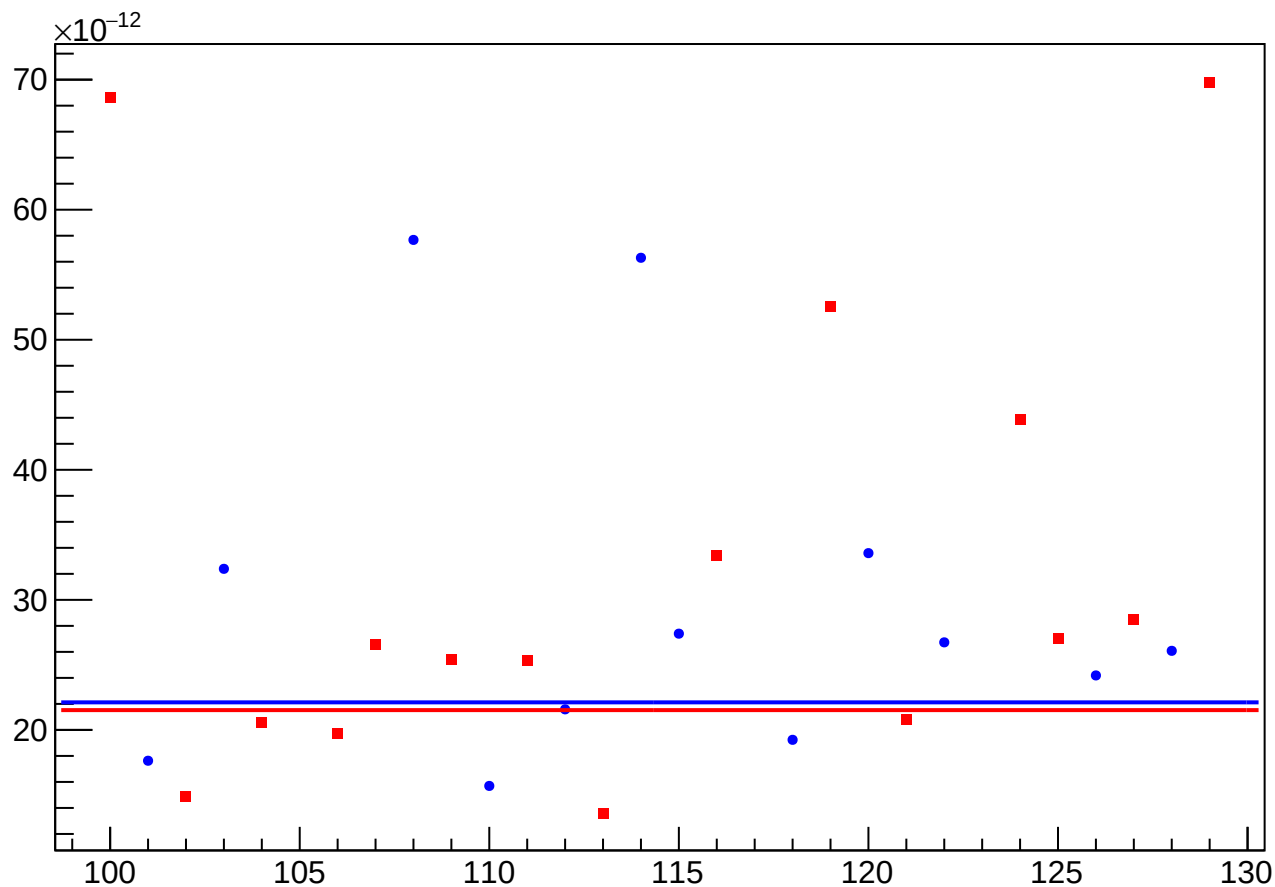
Right: 0.000+/-0.000 χ^2/NDF : 34.1/26

In: 0.000+/-0.000 χ^2/NDF : 17.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 34.1/26

asym_sam_37_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 422599.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

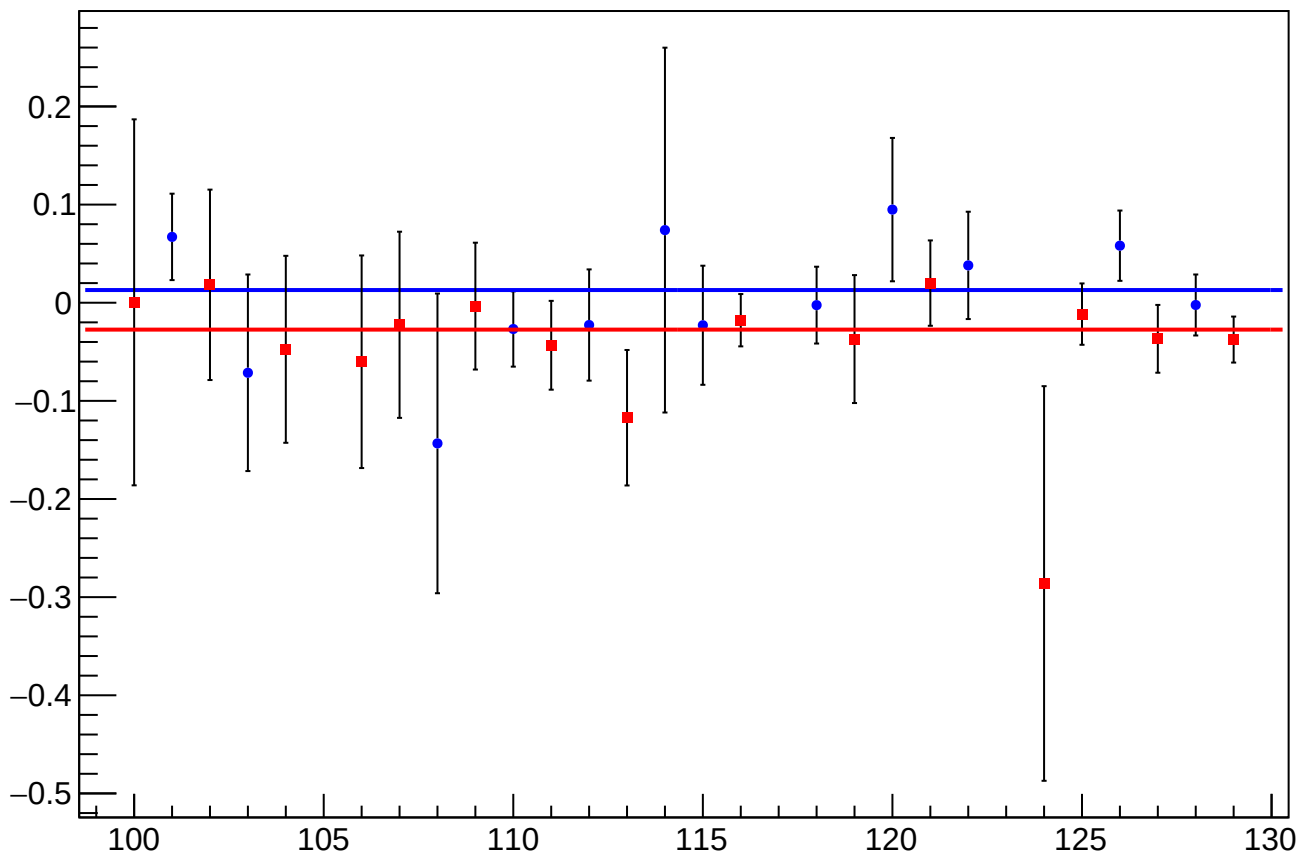
Right: 0.000+/-0.000 χ^2/NDF : 1151088.1/26

In: 0.000+/-0.000 χ^2/NDF : 422599.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1151088.1/26

asym_sam_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.014 χ^2 /NDF: 8.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.027 $\pm$ 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

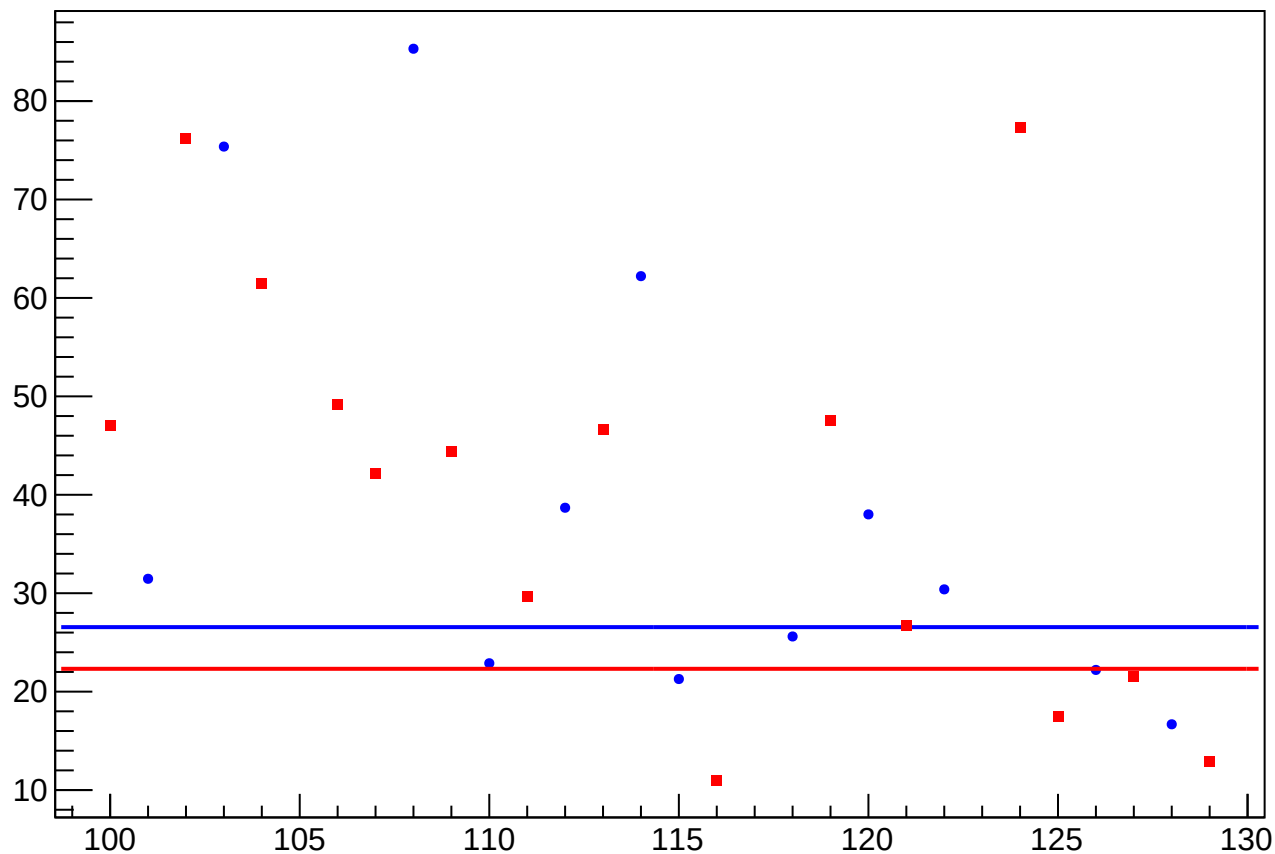
Right: -0.011 $\pm$ 0.009 χ^2 /NDF: 19.3/26

In: 0.013 $\pm$ 0.014 χ^2 /NDF:8.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.011 $\pm$ 0.009 χ^2 /NDF: 19.3/26

asym_sam_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.554+/-0.010 χ^2/NDF : 1286609.2/11

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

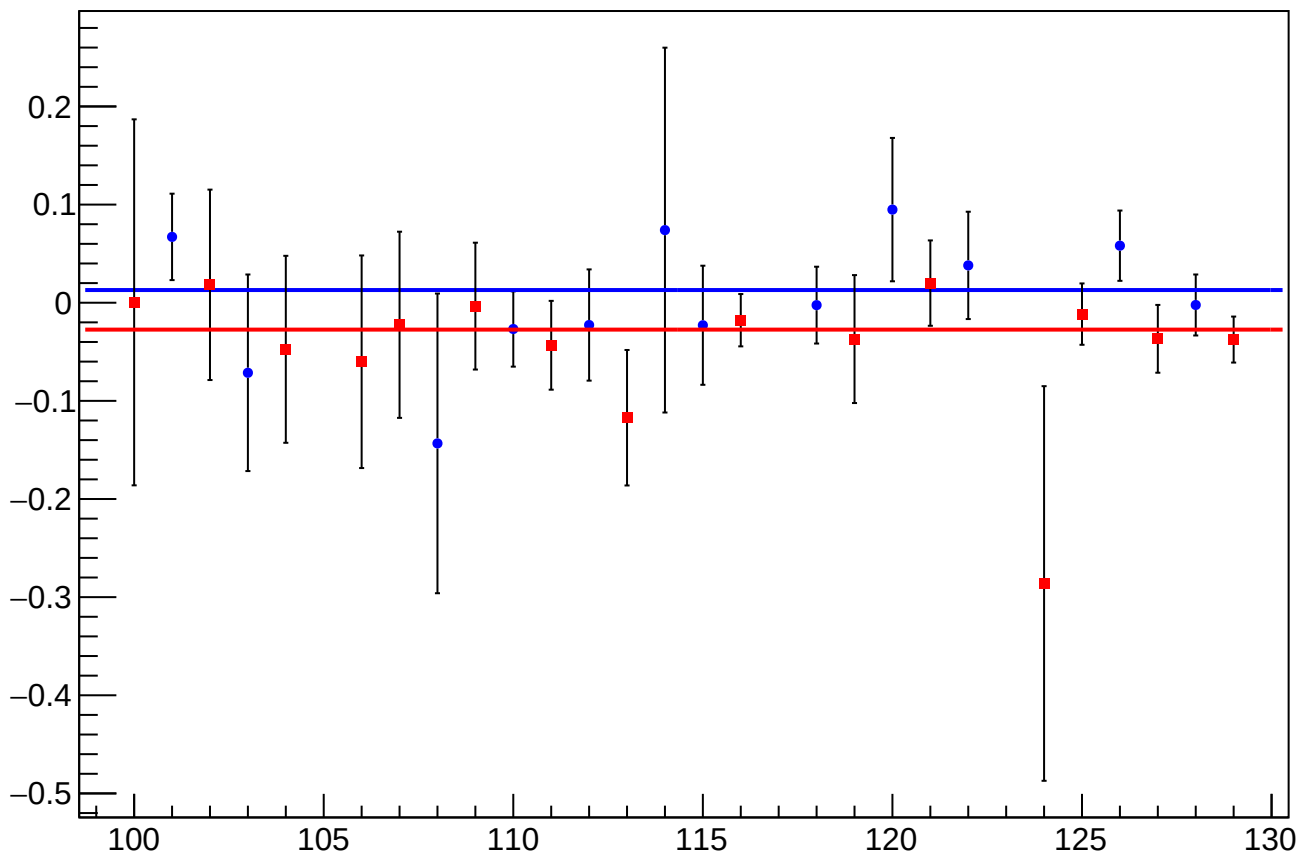
Right: 24.035+/-0.006 χ^2/NDF : 4333650.1/26

In: 26.554+/-0.010 χ^2/NDF : 1286609.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.035+/-0.006 χ^2/NDF : 4333650.1/26

asym_sam_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013 ± 0.014 χ^2/NDF : 8.7/11

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

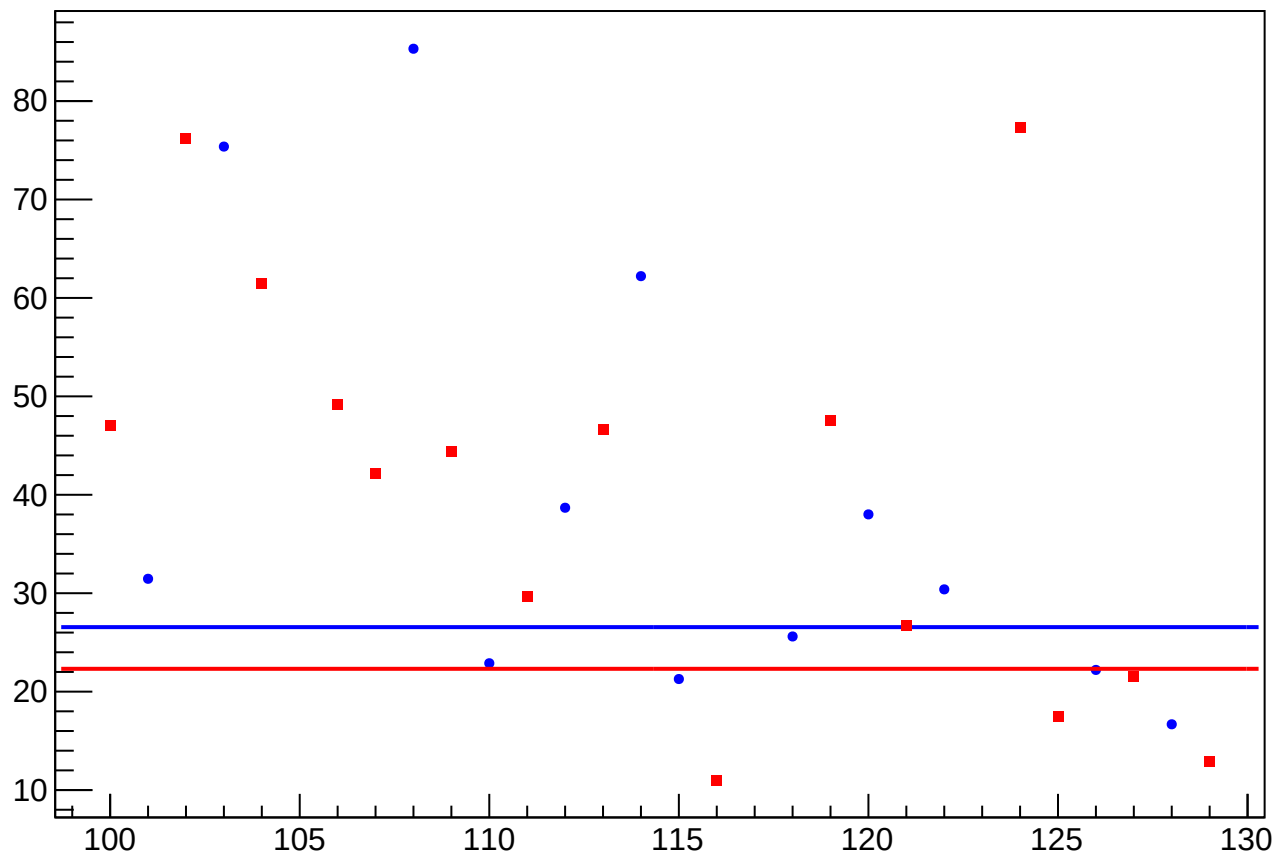
Right: -0.011 ± 0.009 χ^2/NDF : 19.3/26

In: 0.013 ± 0.014 χ^2/NDF : 8.7/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.009 χ^2/NDF : 19.3/26

asym_sam_37_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.554+/-0.010 χ^2/NDF : 1286609.2/11

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

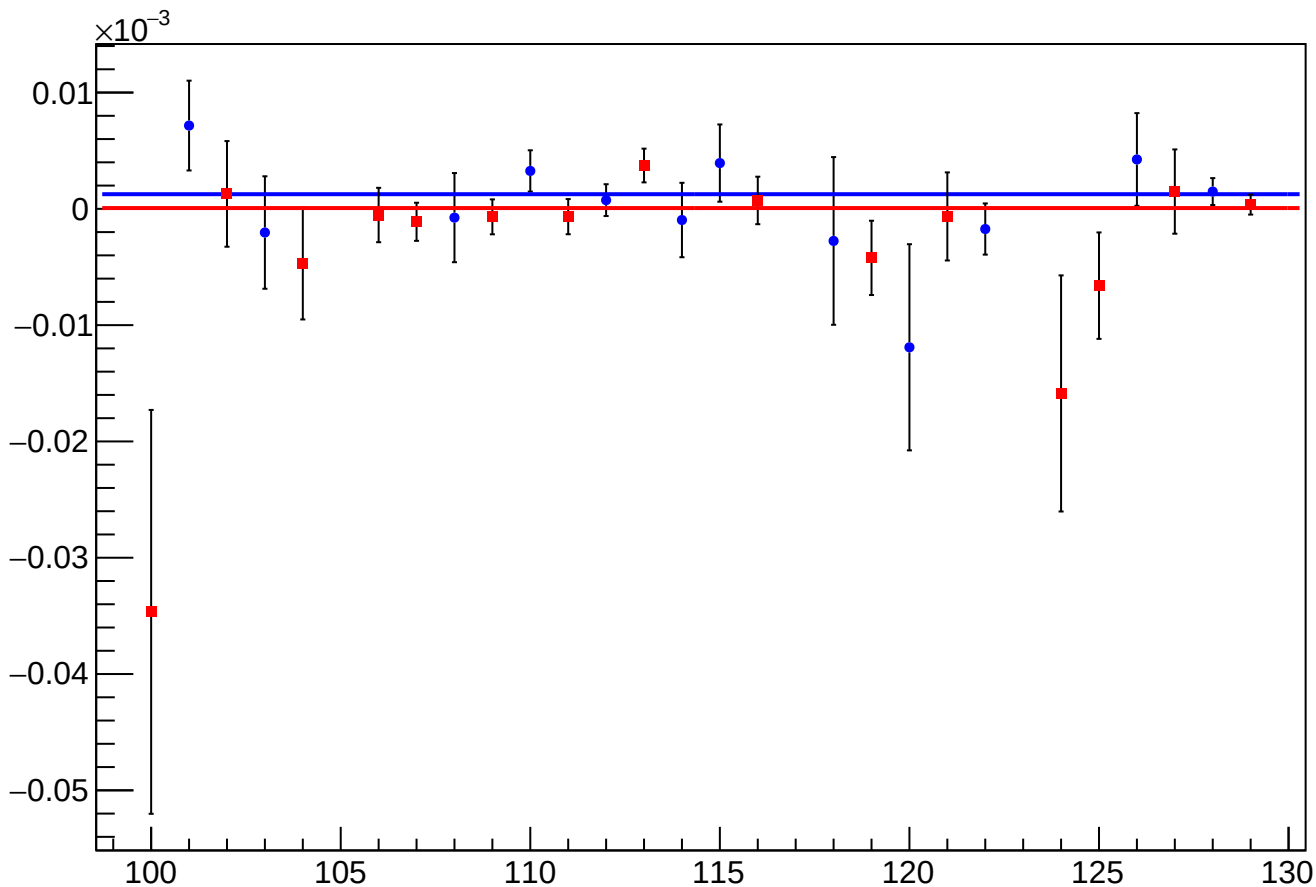
Right: 24.035+/-0.006 χ^2/NDF : 4333650.1/26

In: 26.554+/-0.010 χ^2/NDF : 1286609.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.035+/-0.006 χ^2/NDF : 4333650.1/26

asym_sam_37_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

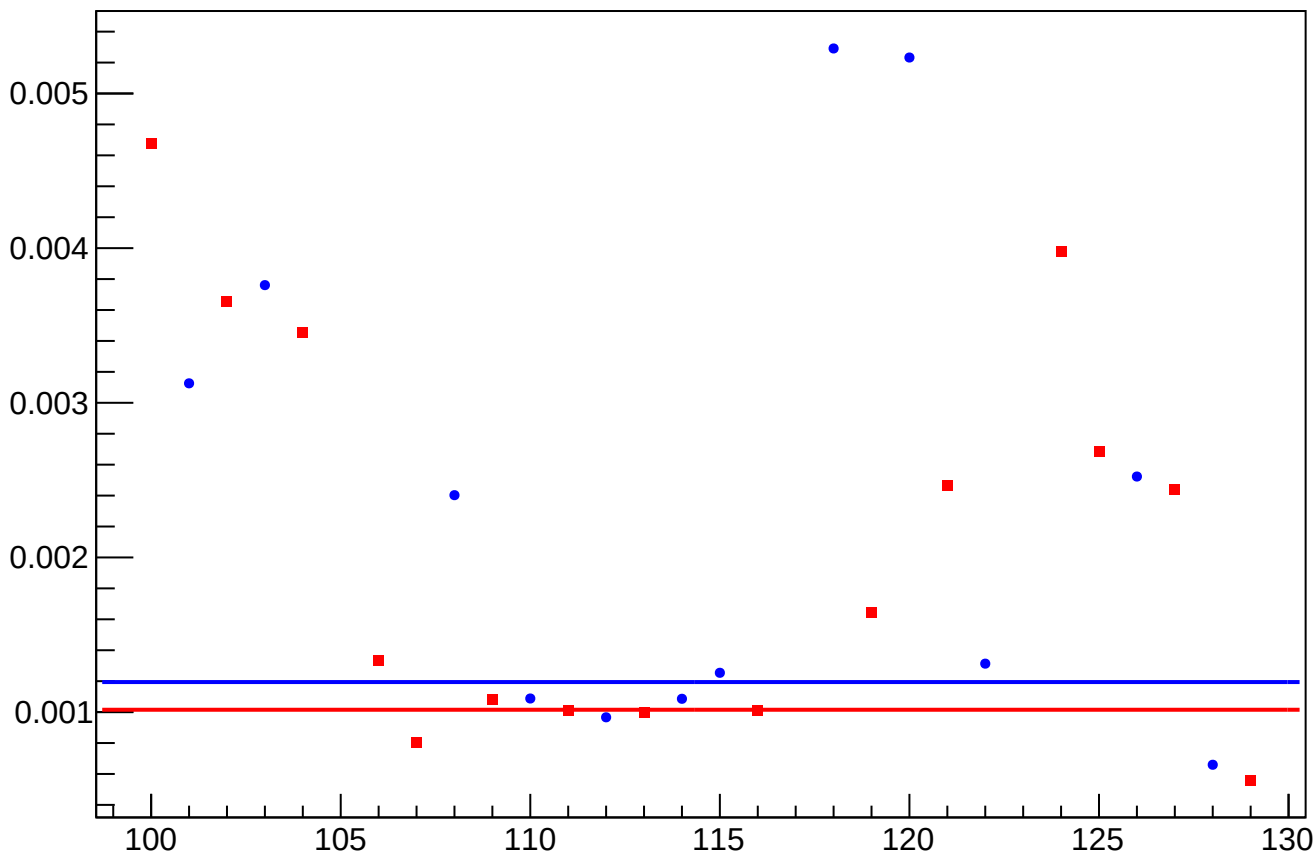
Right: 0.000+/-0.000 χ^2/NDF : 31.9/26

In: 0.000+/-0.000 χ^2/NDF : 10.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 31.9/26

asym_sam_37_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 3045514.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 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

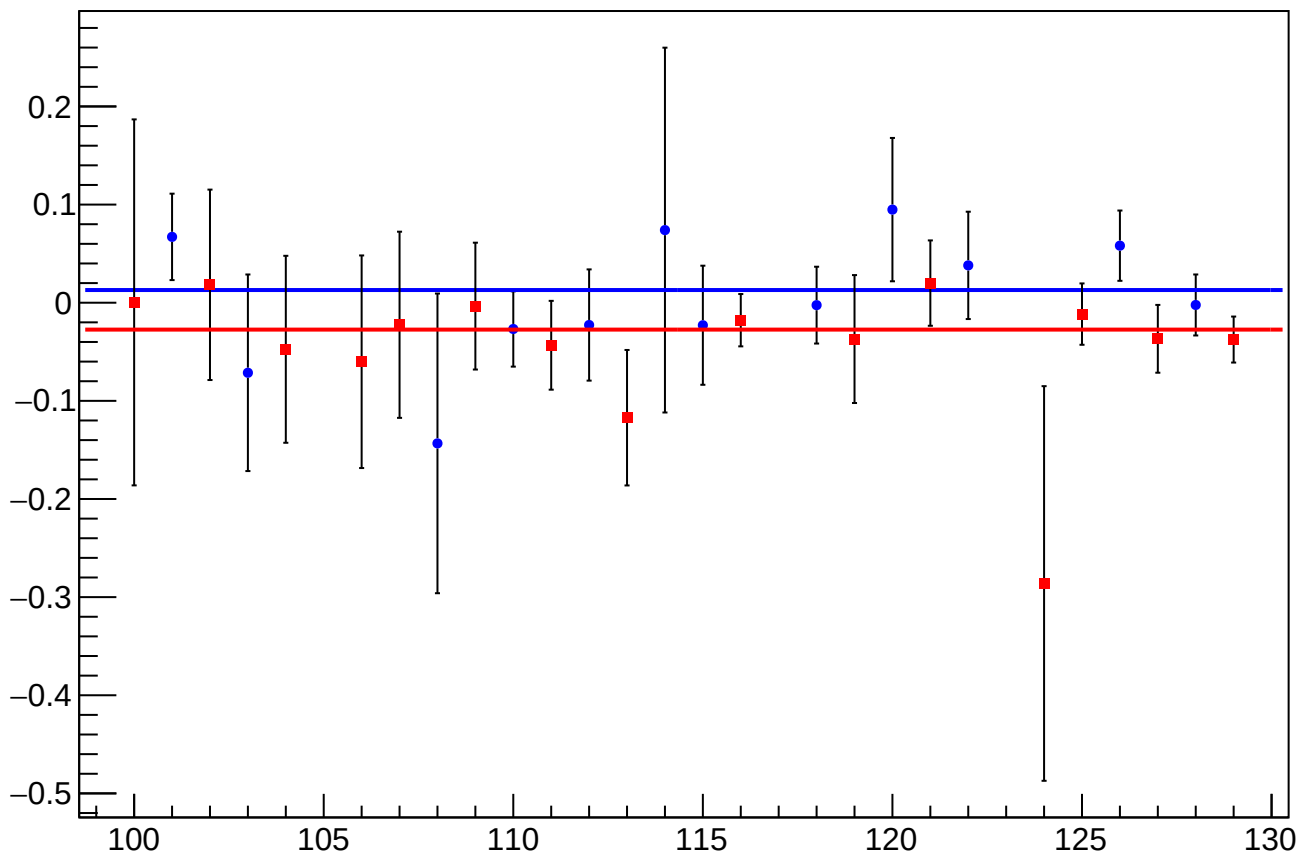
Right: 0.001+/-0.000 χ^2/NDF : 6180362.7/26

In: 0.001+/-0.000 χ^2/NDF : 3045514.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6180362.7/26

asym_sam_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.014 χ^2 /NDF: 8.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.027 $\pm$ 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

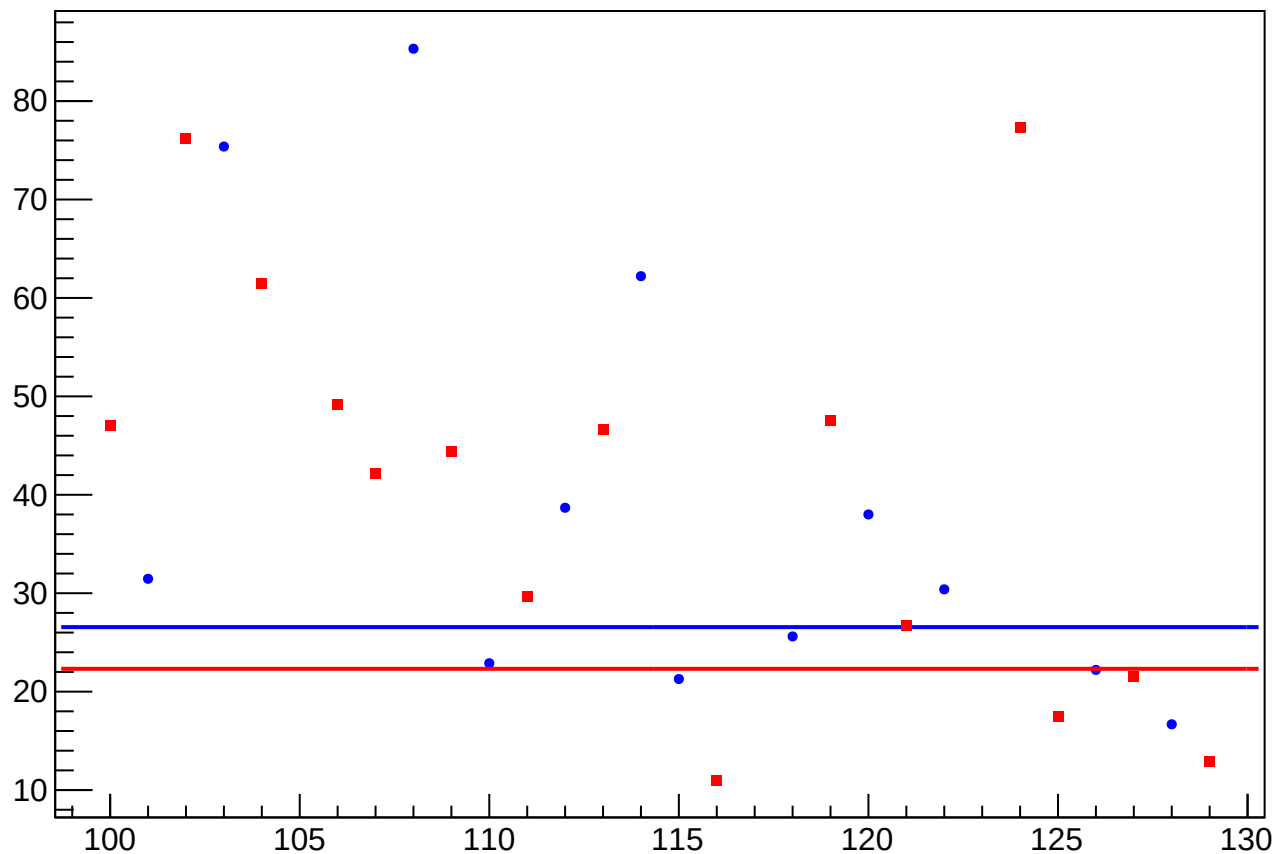
Right: -0.011 $\pm$ 0.009 χ^2 /NDF: 19.3/26

In: 0.013 $\pm$ 0.014 χ^2 /NDF:8.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.011 $\pm$ 0.009 χ^2 /NDF: 19.3/26

asym_sam_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.555+/-0.010 χ^2/NDF : 1286564.9/11

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

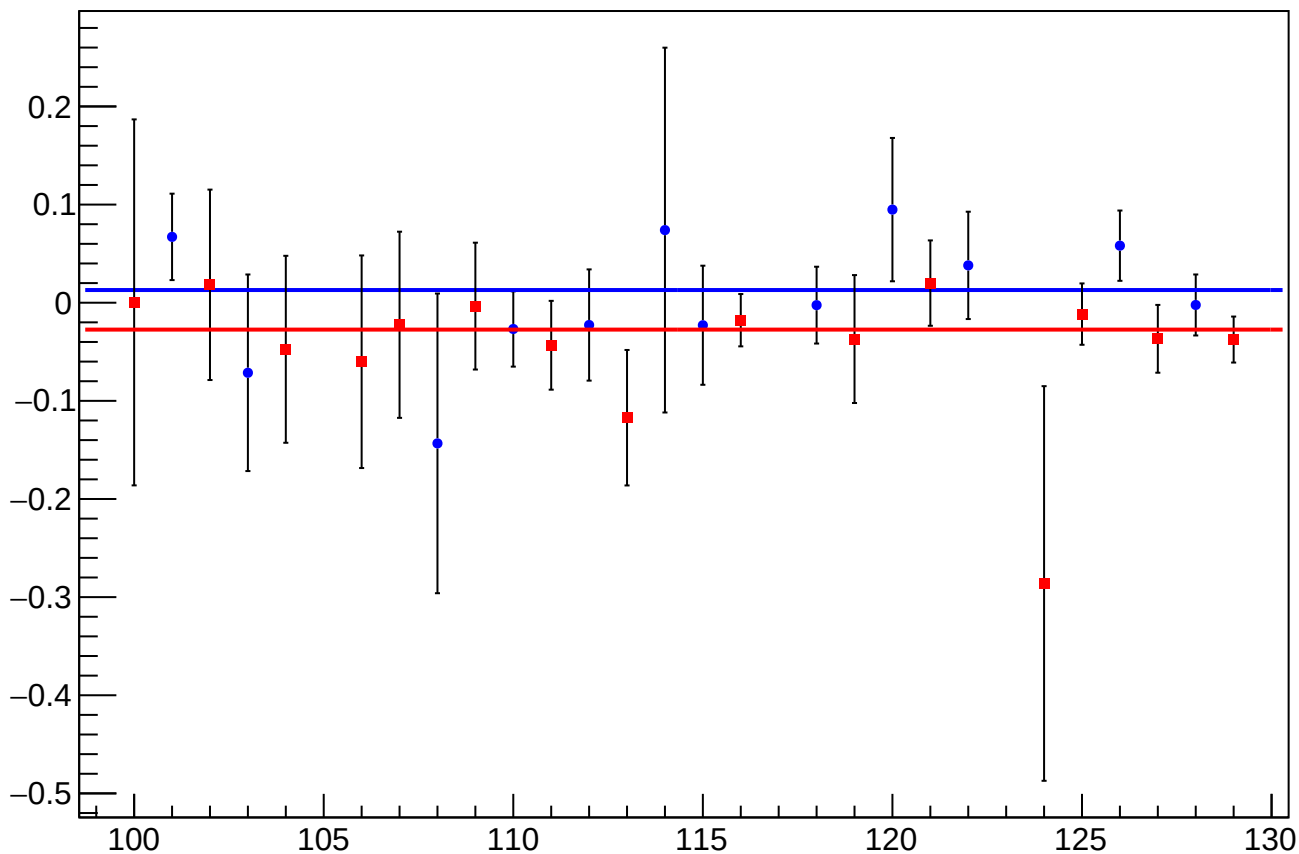
Right: 24.035+/-0.006 χ^2/NDF : 4333455.2/26

In: 26.555+/-0.010 χ^2/NDF : 1286564.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.035+/-0.006 χ^2/NDF : 4333455.2/26

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.014 χ^2/NDF : 8.7/11

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

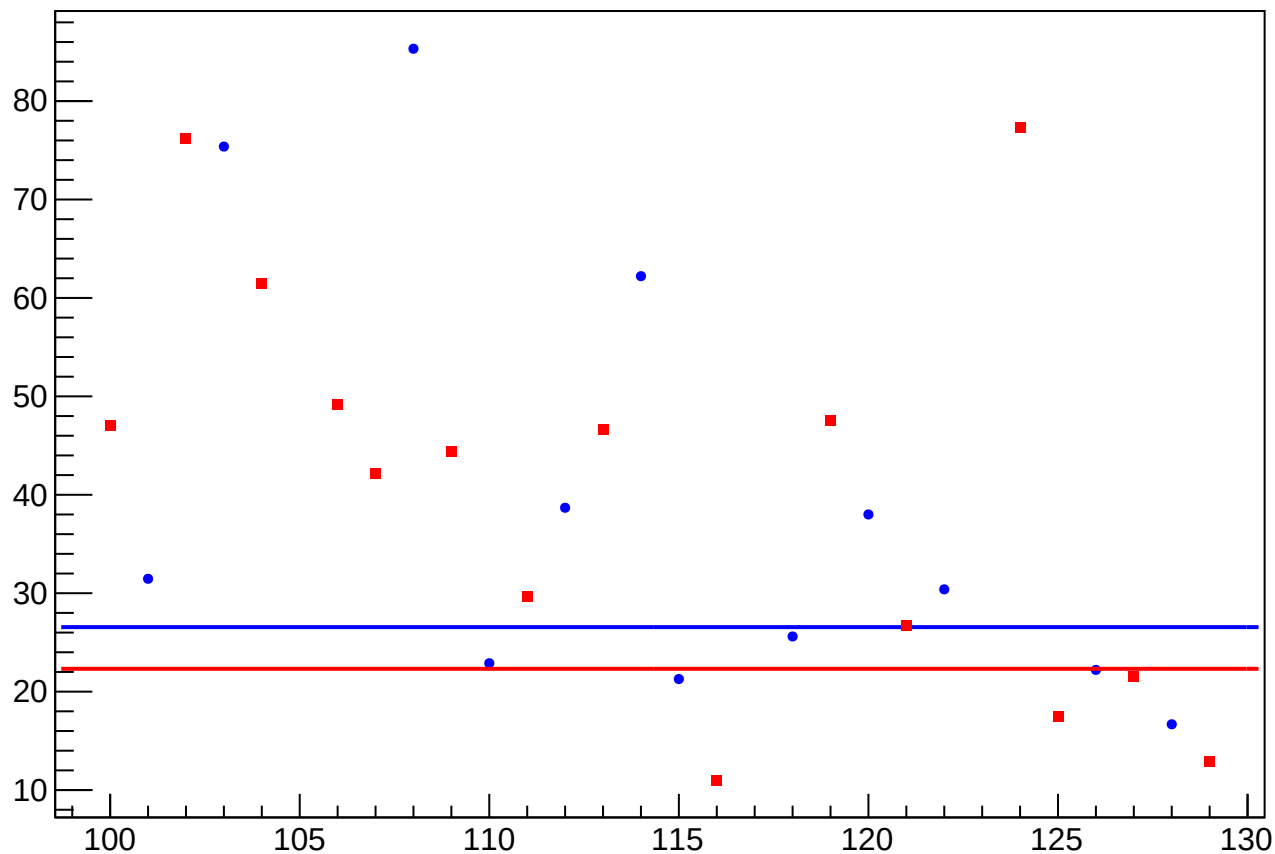
Right: -0.011+/-0.009 χ^2/NDF : 19.3/26

In: 0.013+/-0.014 χ^2/NDF : 8.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.009 χ^2/NDF : 19.3/26

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.555+/-0.010 χ^2/NDF : 1286564.9/11

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

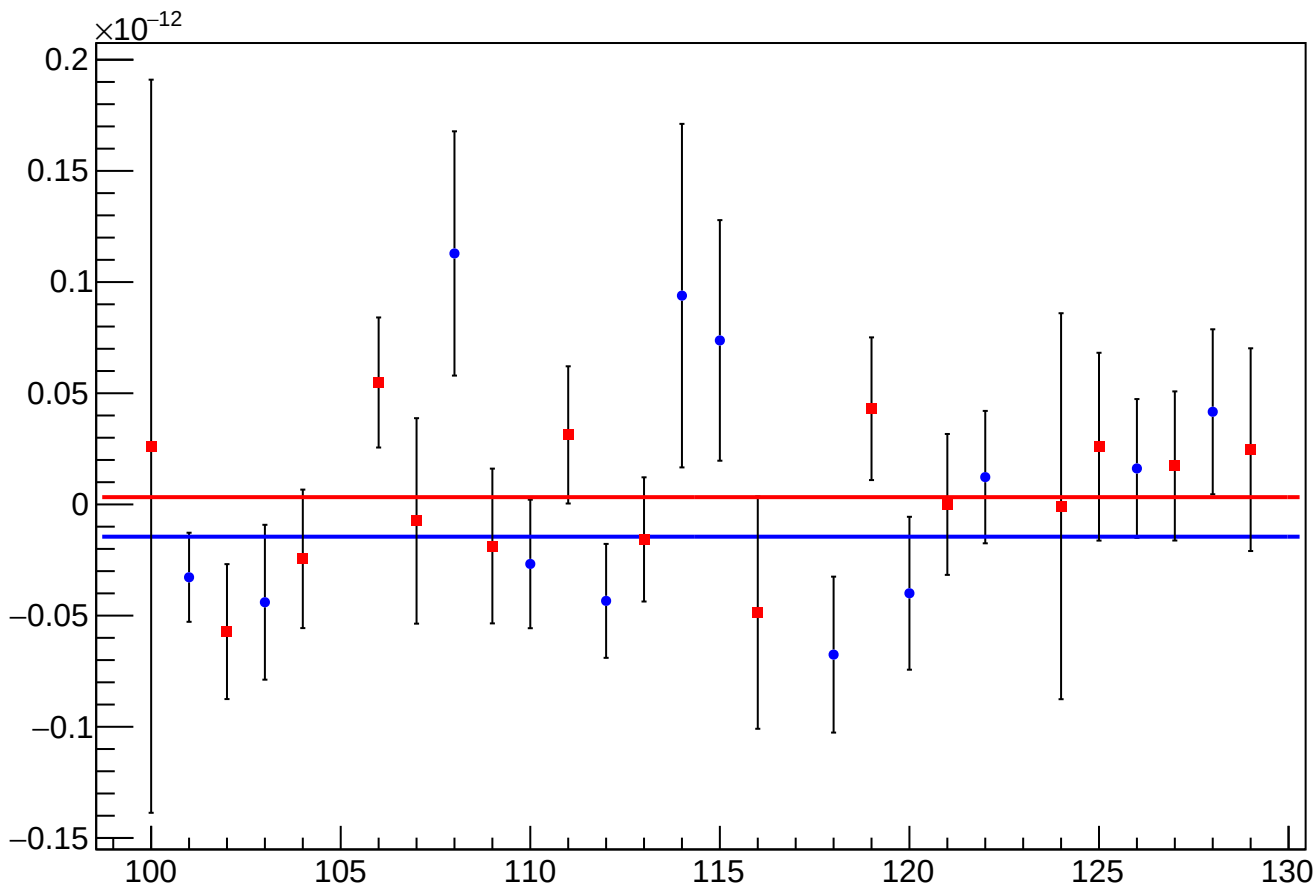
Right: 24.035+/-0.006 χ^2/NDF : 4333455.2/26

In: 26.555+/-0.010 χ^2/NDF : 1286564.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.035+/-0.006 χ^2/NDF : 4333455.2/26

asym_sam_37_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 19.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

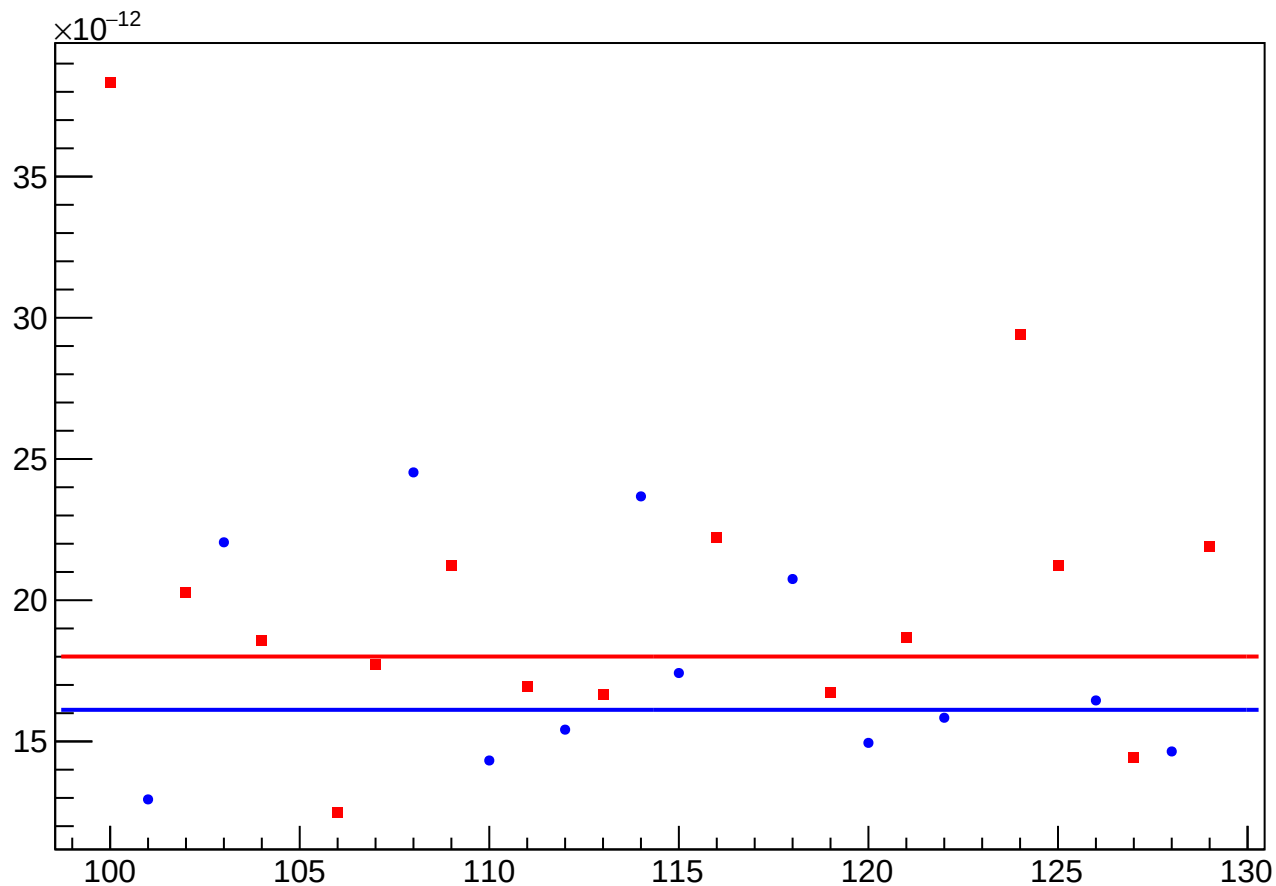
Right: -0.000+/-0.000 χ^2/NDF : 34.6/26

In: -0.000+/-0.000 χ^2/NDF : 19.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 34.6/26

asym_sam_37_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 225280.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

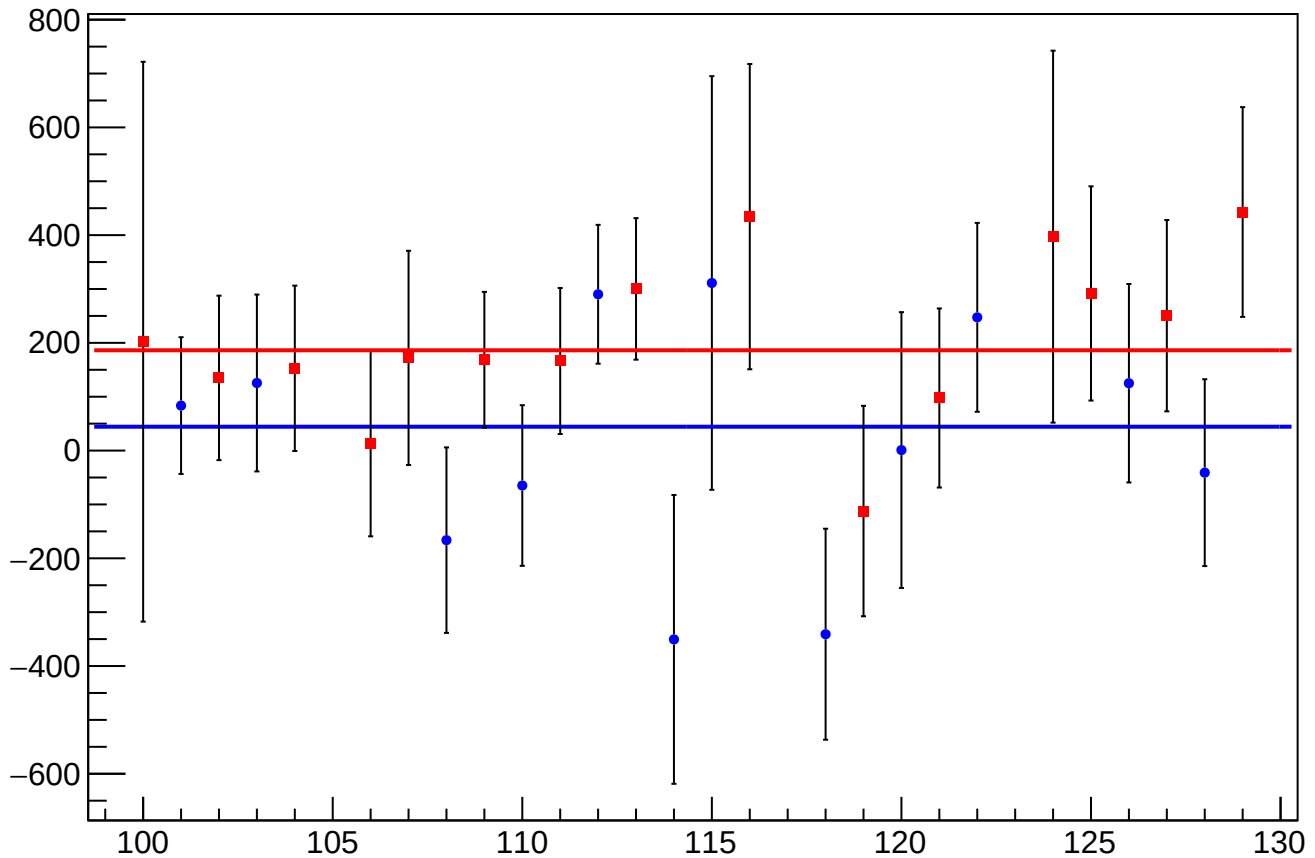
Right: 0.000+/-0.000 χ^2/NDF : 503935.1/26

In: 0.000+/-0.000 χ^2/NDF : 225280.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 503935.1/26

reg_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 44.307+/-50.294 χ^2/NDF : 14.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

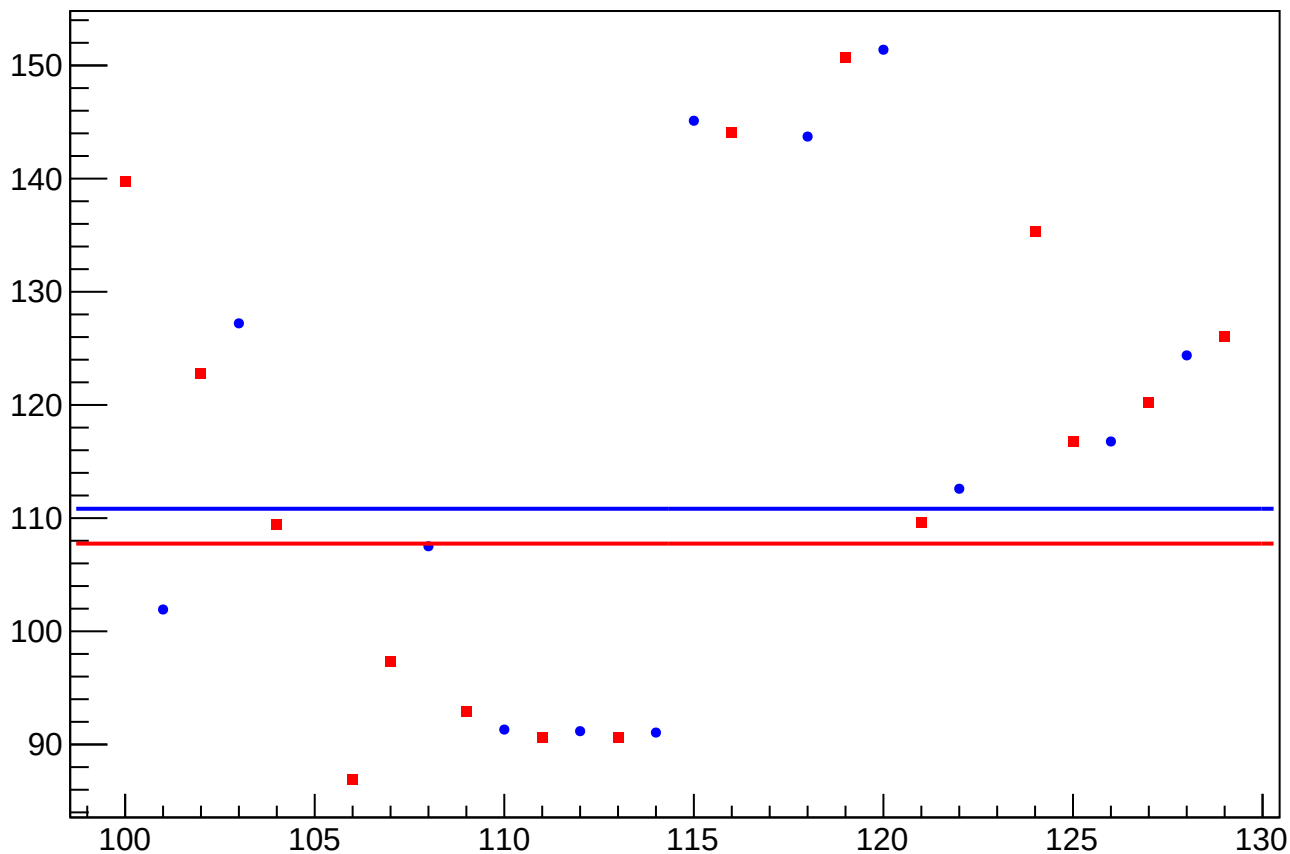
Right: 122.829+/-33.610 χ^2/NDF : 26.6/26

In: 44.307+/-50.294 χ^2/NDF : 14.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.829+/-33.610 χ^2/NDF : 26.6/26

reg_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 110.828+/-0.036 χ^2/NDF : 259165.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

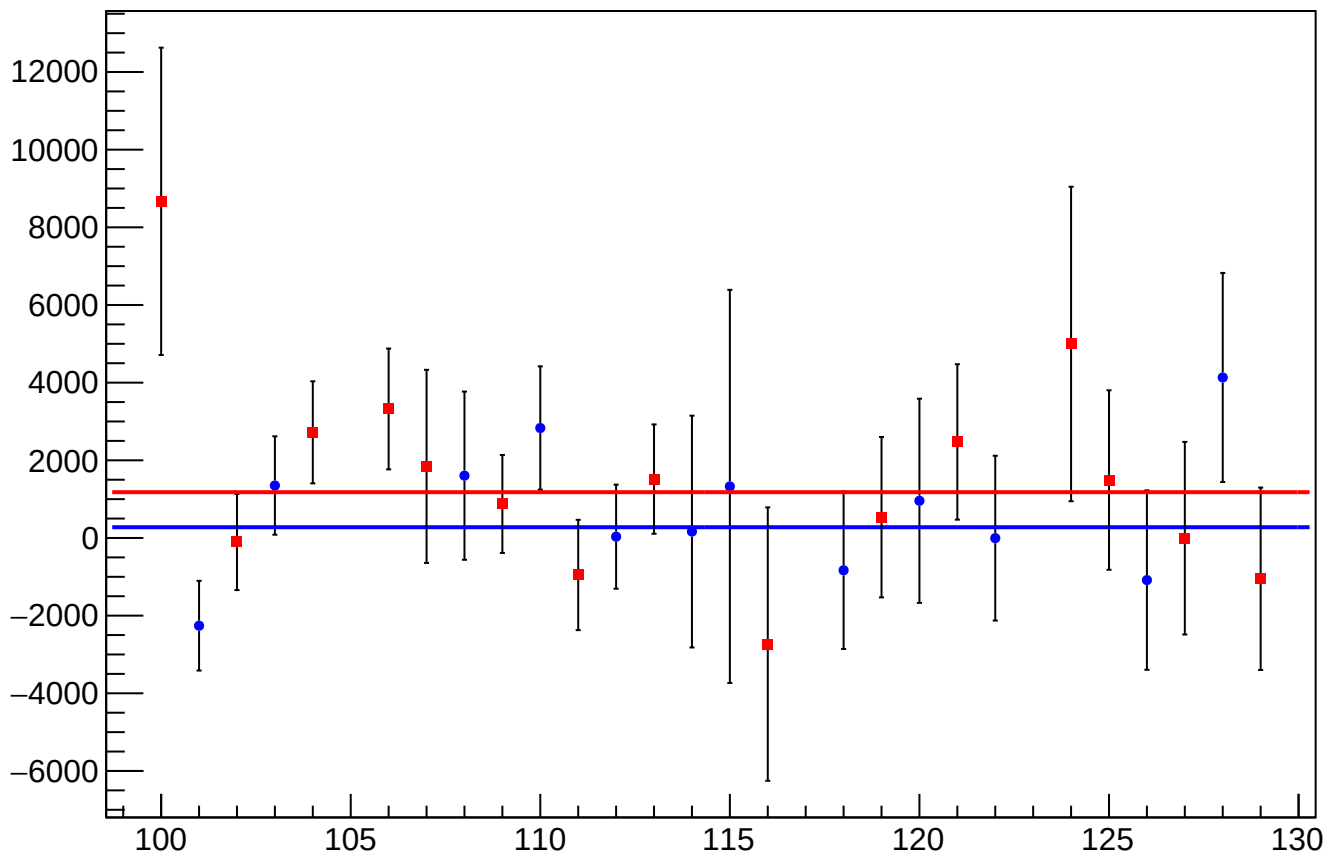
Right: 109.124+/-0.024 χ^2/NDF : 593332.0/26

In: 110.828+/-0.036 χ^2/NDF : 259165.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.124+/-0.024 χ^2/NDF : 593332.0/26

asym_sam_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 276.635+/-525.230 χ^2/NDF : 11.4/11

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

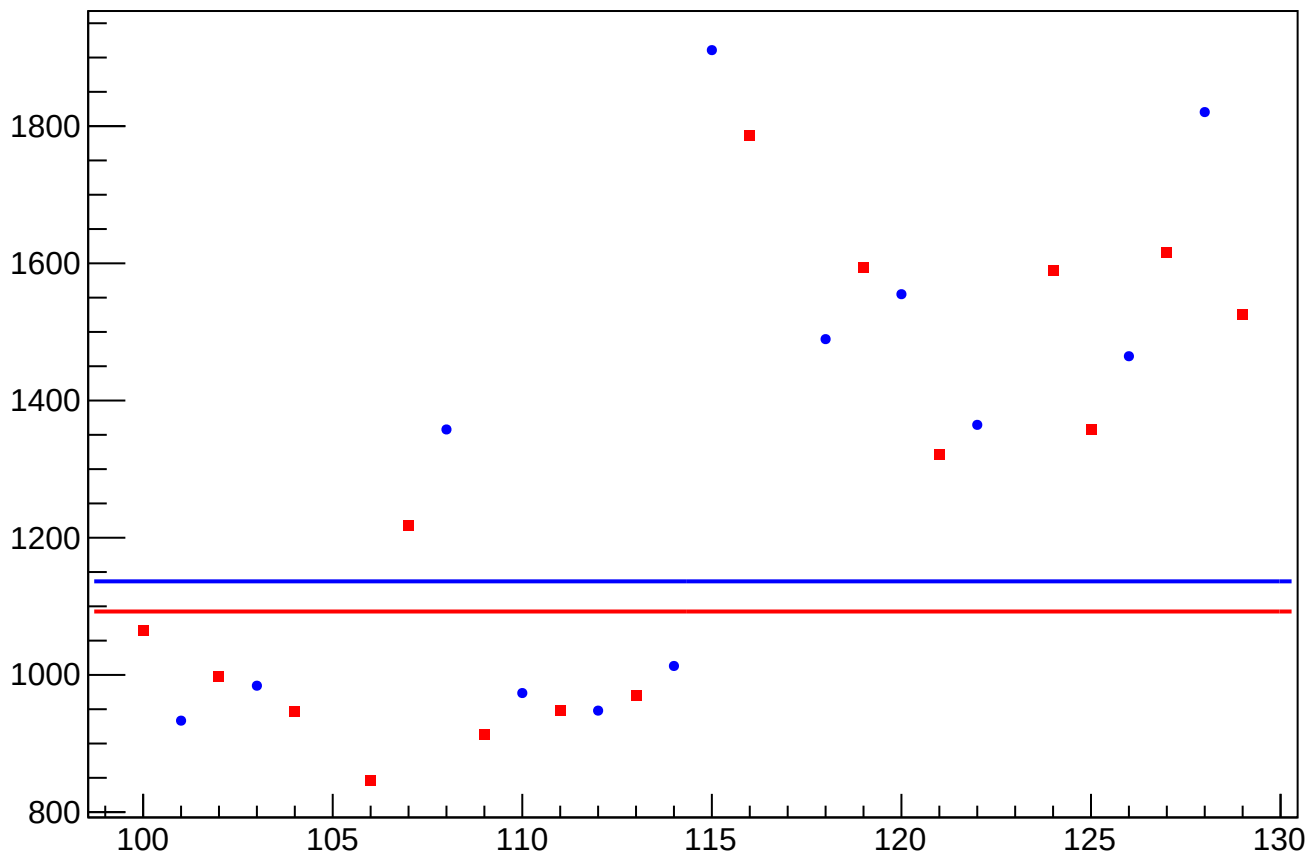
Right: 784.012+/-347.533 χ^2/NDF : 27.2/26

In: 276.635+/-525.230 χ^2/NDF : 11.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 784.012+/-347.533 χ^2/NDF : 27.2/26

asym_sam_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1136.413+/-0.371 χ^2/NDF : 526189.4/11

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

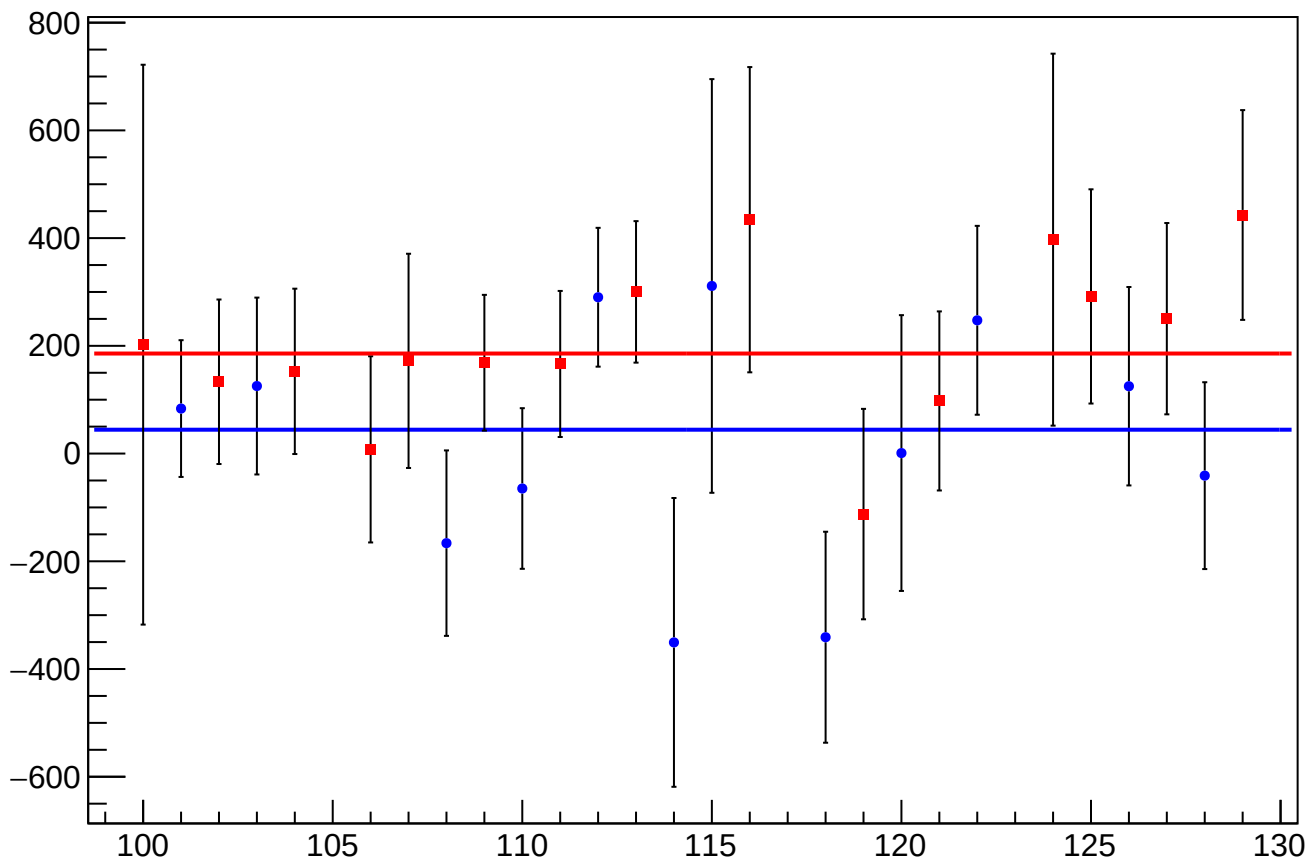
Right: 1111.700+/-0.246 χ^2/NDF : 1136337.6/26

In: 1136.413+/-0.371 χ^2/NDF : 526189.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1111.700+/-0.246 χ^2/NDF : 1136337.6/26

cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 44.286+/-50.294 χ^2/NDF : 14.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

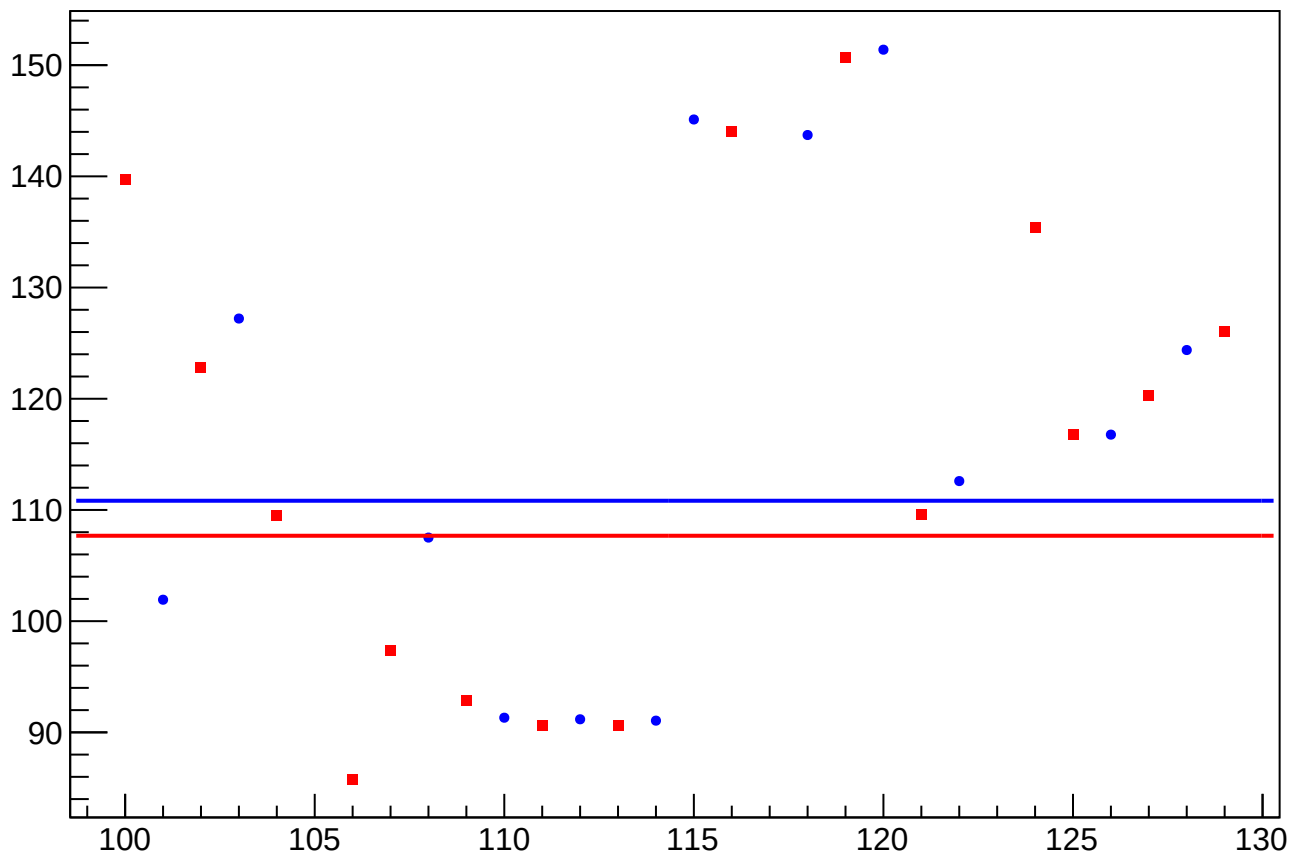
Right: 122.539+/-33.613 χ^2/NDF : 26.7/26

In: 44.286+/-50.294 χ^2/NDF : 14.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.539+/-33.613 χ^2/NDF : 26.7/26

cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 110.828+/-0.036 χ^2/NDF : 259166.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

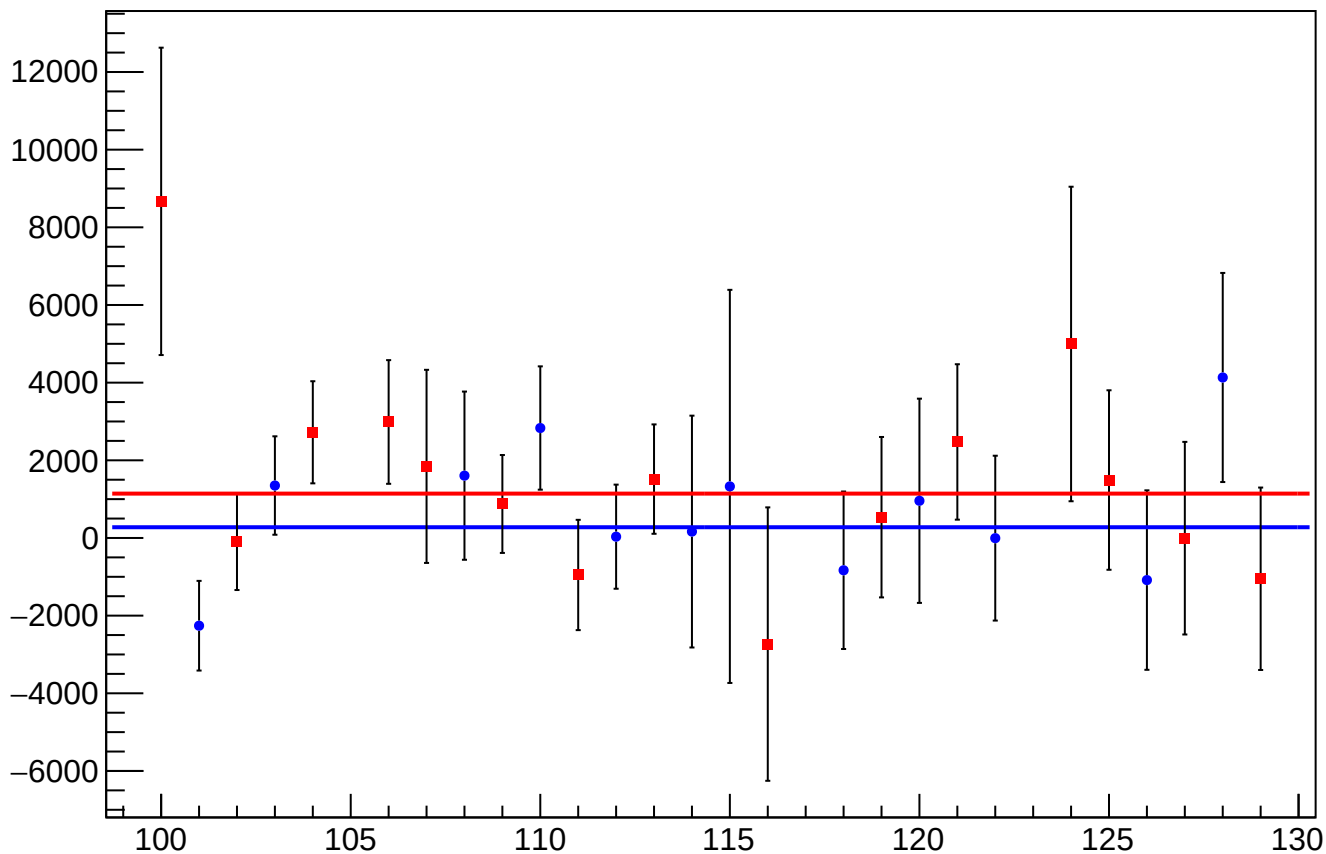
Right: 109.086+/-0.024 χ^2/NDF : 596796.9/26

In: 110.828+/-0.036 χ^2/NDF : 259166.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.086+/-0.024 χ^2/NDF : 596796.9/26

asym_sam_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 276.508+/-525.235 χ^2/NDF : 11.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

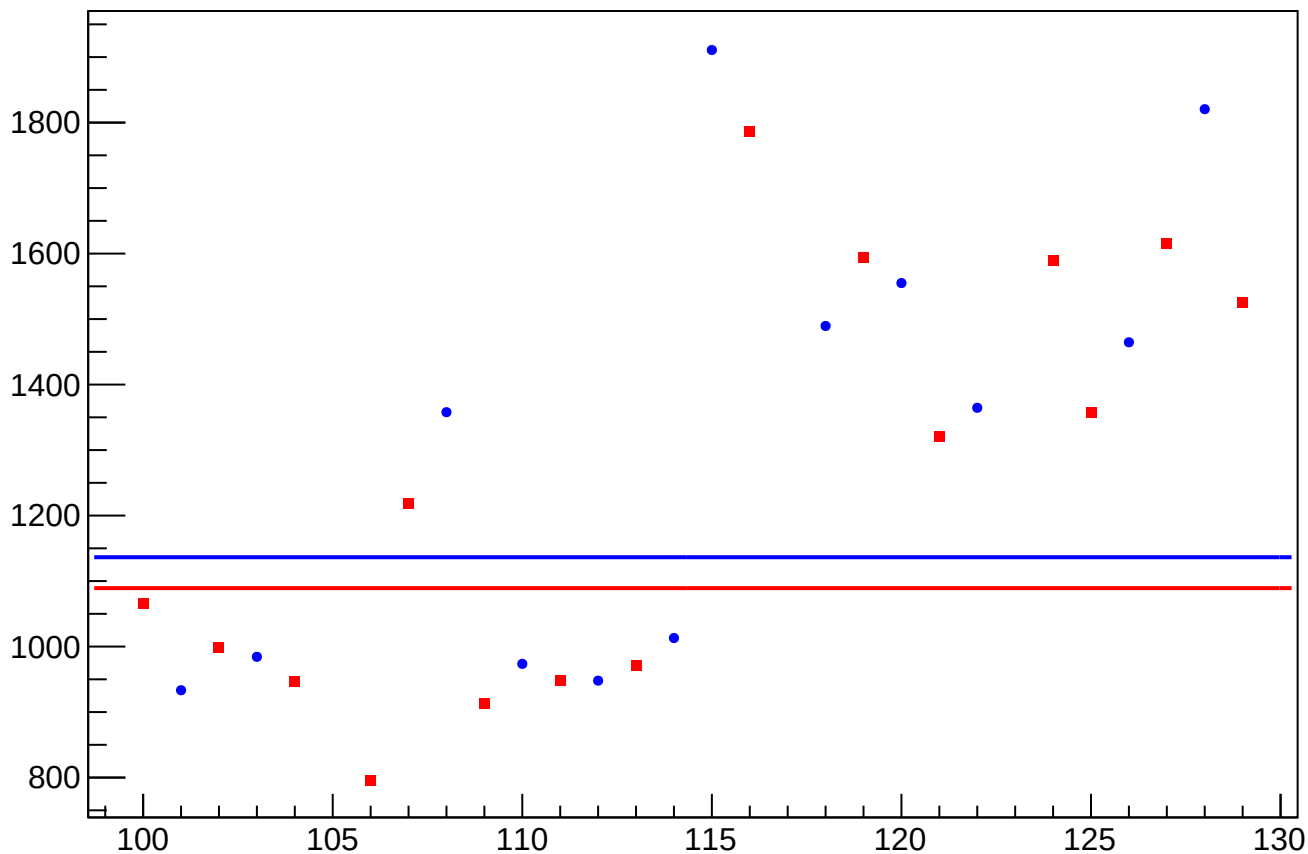
Right: 762.451+/-347.942 χ^2/NDF : 26.4/26

In: 276.508+/-525.235 χ^2/NDF : 11.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 762.451+/-347.942 χ^2/NDF : 26.4/26

asym_sam_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1136.426+/-0.371 χ^2/NDF : 526162.7/11

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

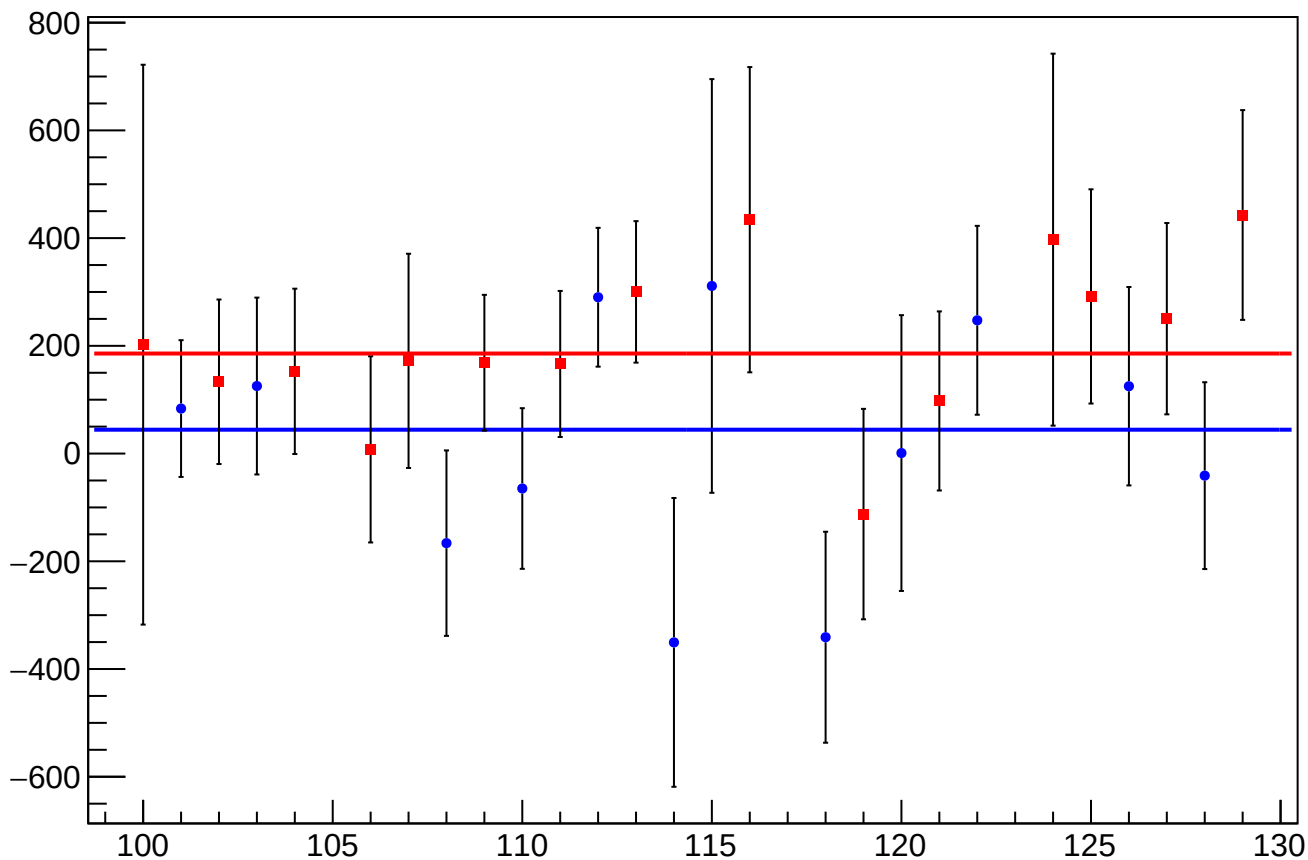
Right: 1109.932+/-0.246 χ^2/NDF : 1156635.2/26

In: 1136.426+/-0.371 χ^2/NDF : 526162.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1109.932+/-0.246 χ^2/NDF : 1156635.2/26

eigen_cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 44.286+/-50.294 χ^2/NDF : 14.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

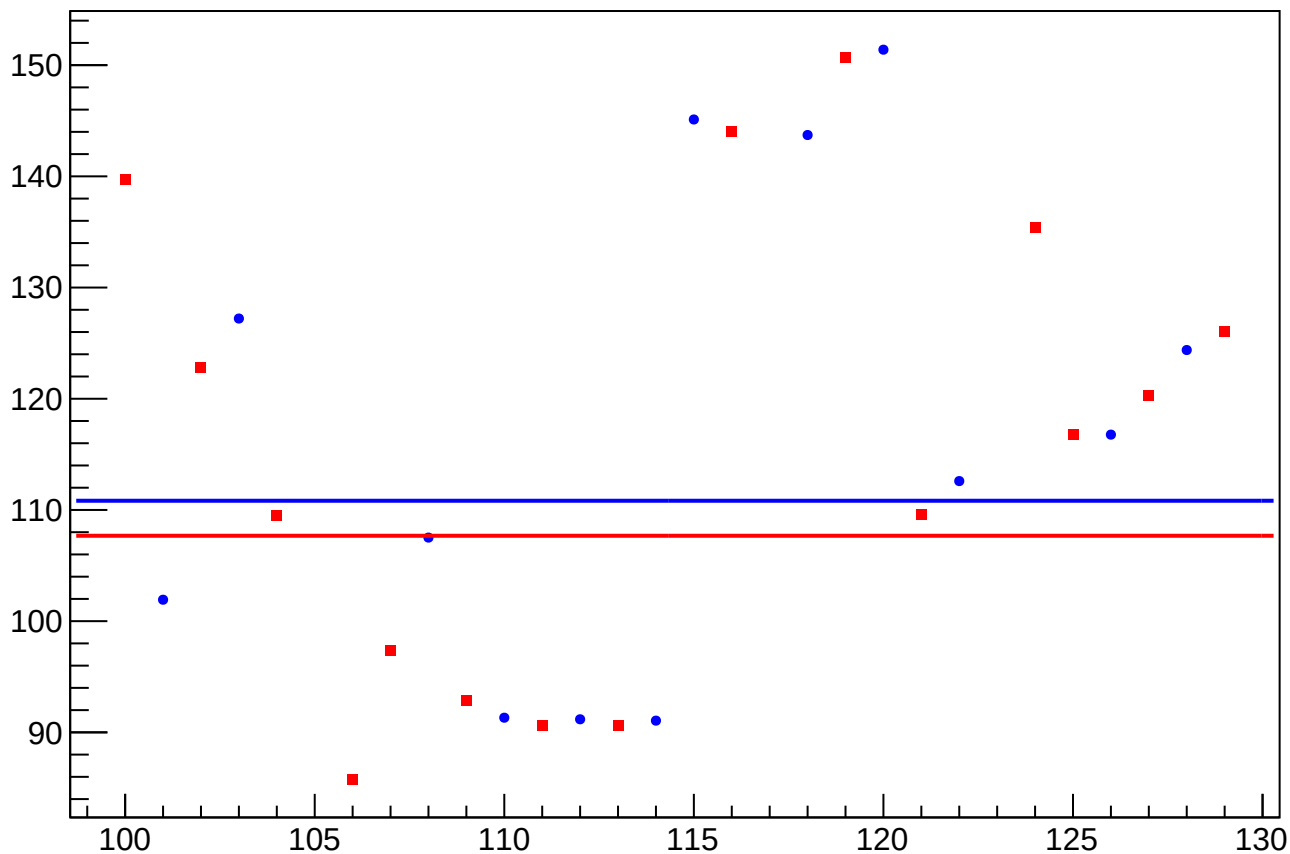
Right: 122.539+/-33.613 χ^2/NDF : 26.7/26

In: 44.286+/-50.294 χ^2/NDF : 14.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.539+/-33.613 χ^2/NDF : 26.7/26

eigen_cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 110.828+/-0.036 χ^2/NDF : 259166.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

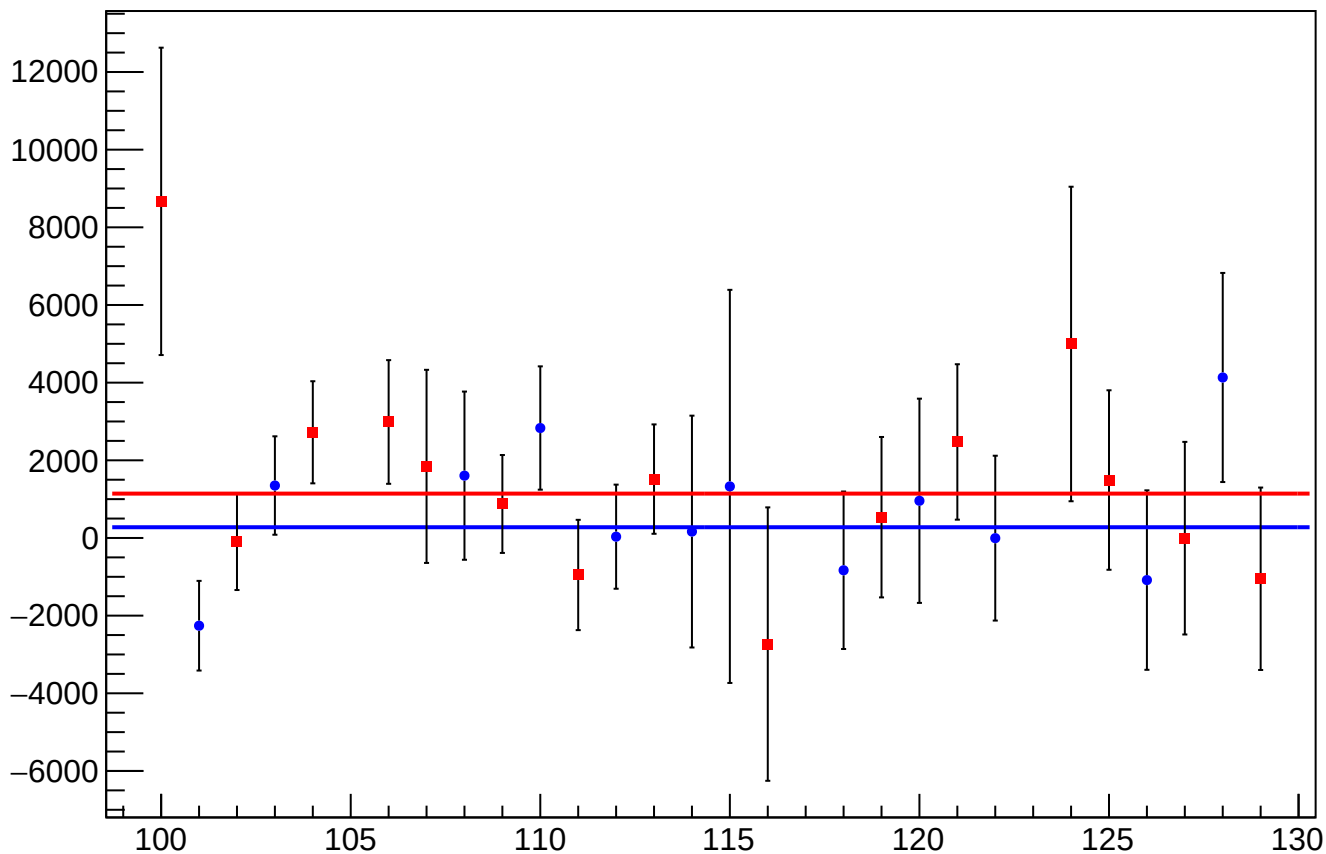
Right: 109.086+/-0.024 χ^2/NDF : 596796.9/26

In: 110.828+/-0.036 χ^2/NDF : 259166.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.086+/-0.024 χ^2/NDF : 596796.9/26

asym_sam_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 276.508+/-525.235 χ^2/NDF : 11.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

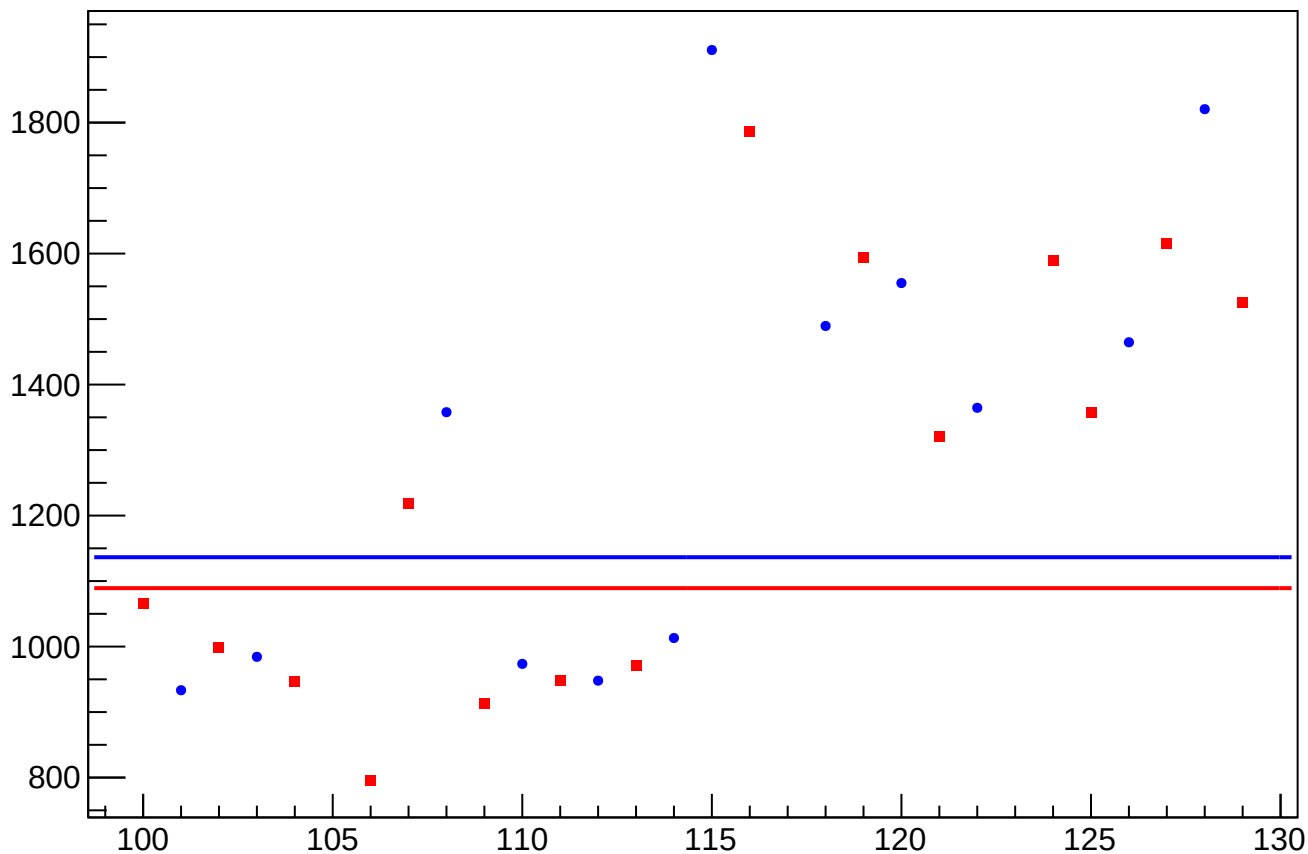
Right: 762.451+/-347.942 χ^2/NDF : 26.4/26

In: 276.508+/-525.235 χ^2/NDF : 11.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 762.451+/-347.942 χ^2/NDF : 26.4/26

asym_sam_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1136.426+/-0.371 χ^2/NDF : 526162.7/11

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

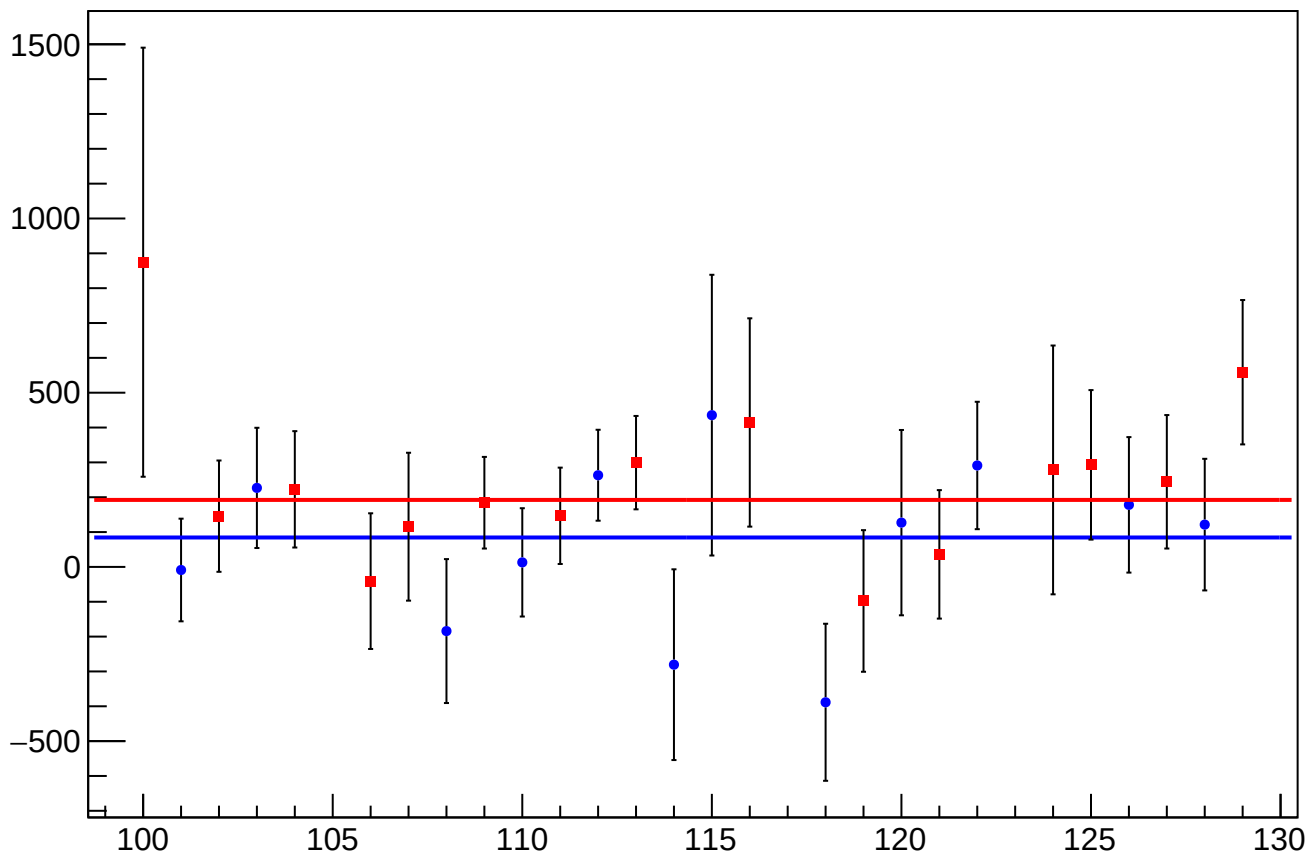
Right: 1109.932+/-0.246 χ^2/NDF : 1156635.2/26

In: 1136.426+/-0.371 χ^2/NDF : 526162.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1109.932+/-0.246 χ^2/NDF : 1156635.2/26

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 84.452+/-54.155 χ^2/NDF : 13.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

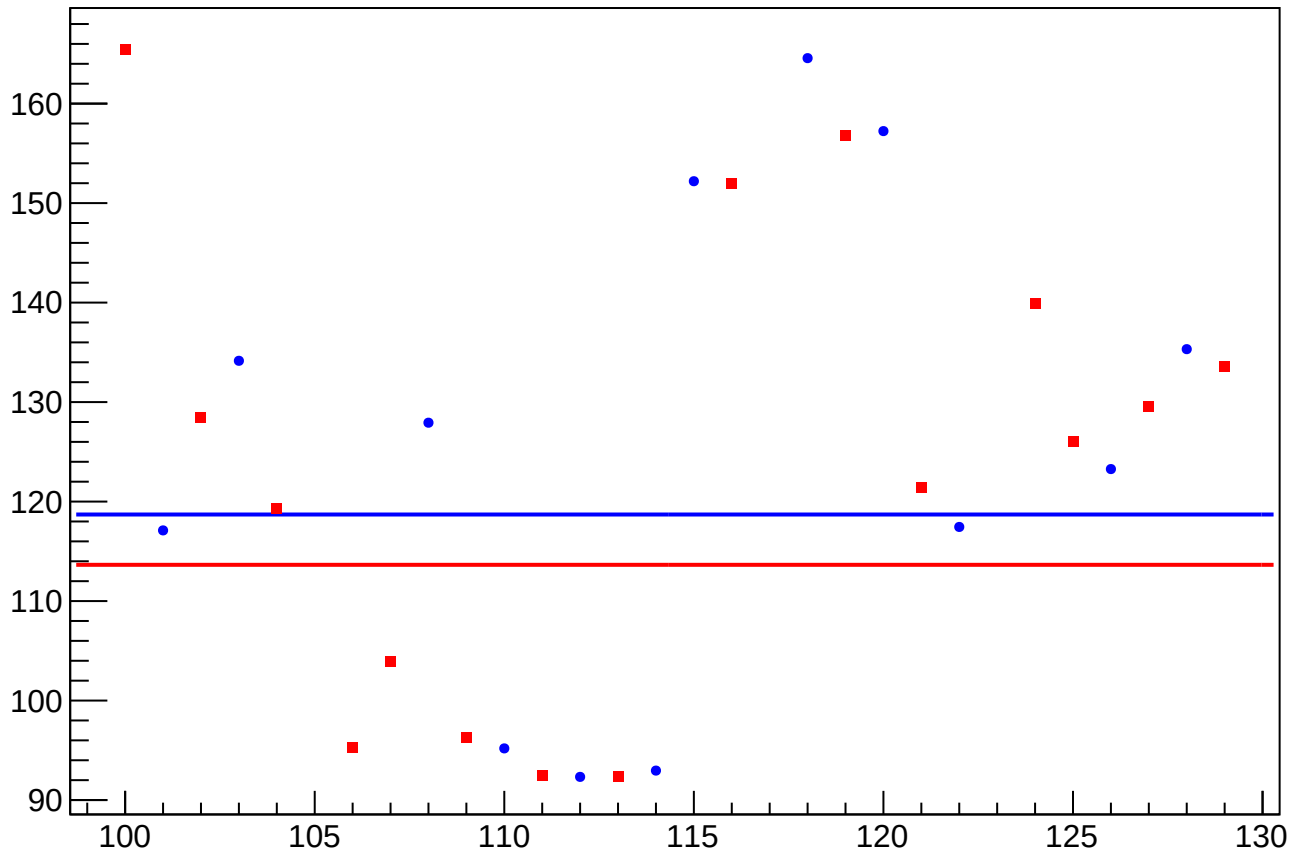
Right: 145.020+/-35.852 χ^2/NDF : 26.1/26

In: 84.452+/-54.155 χ^2/NDF : 13.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.020+/-35.852 χ^2/NDF : 26.1/26

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 118.701 $\pm$ 0.038 χ^2 /NDF: 320732.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 113.644 $\pm$ 0.034 χ^2 /NDF: 364339.4/14

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

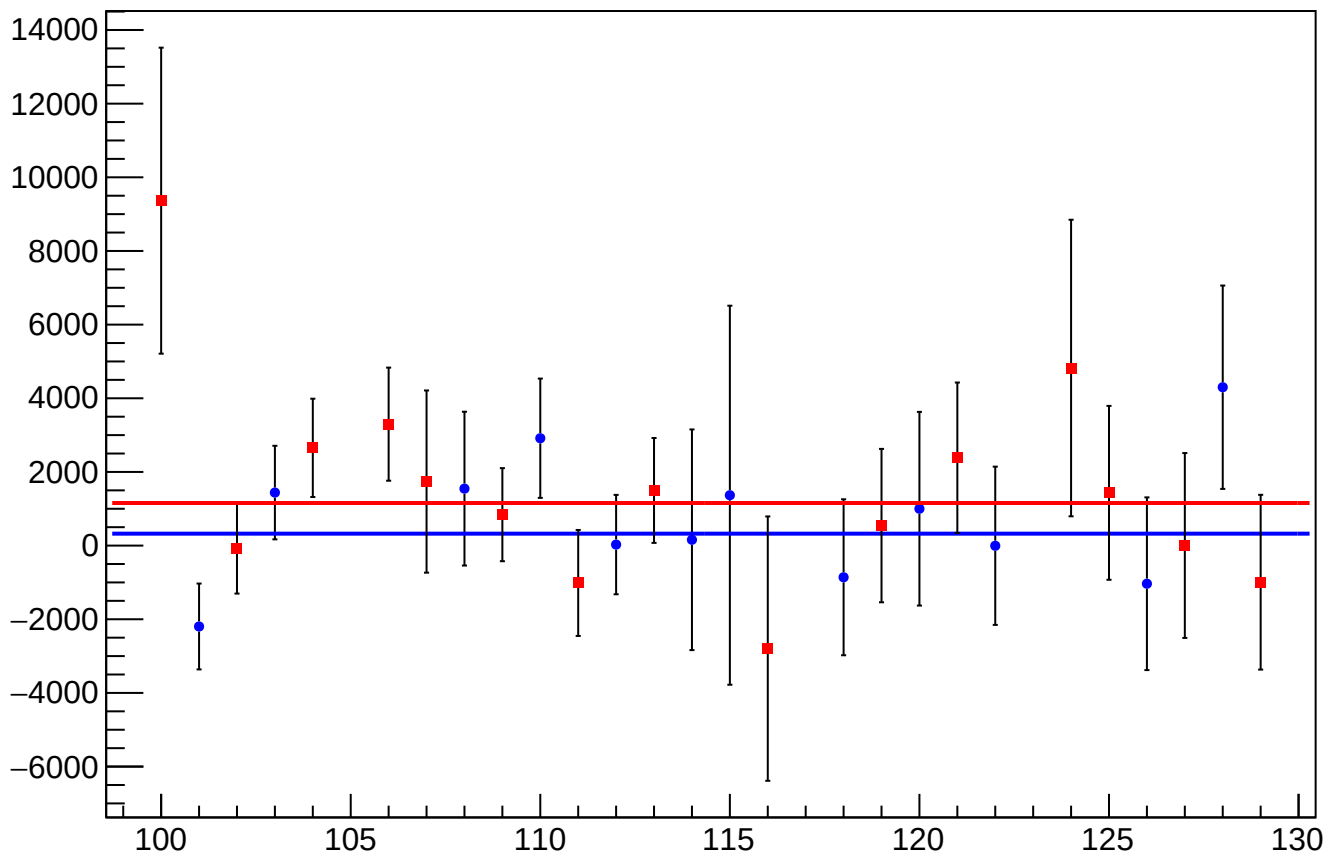
Right: 115.860 $\pm$ 0.025 χ^2 /NDF: 694867.5/26

In: 118.701 $\pm$ 0.038 χ^2 /NDF:320732.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 115.860 $\pm$ 0.025 χ^2 /NDF: 694867.5/26

asym_sam_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 324.259+/-529.837 χ^2/NDF : 11.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

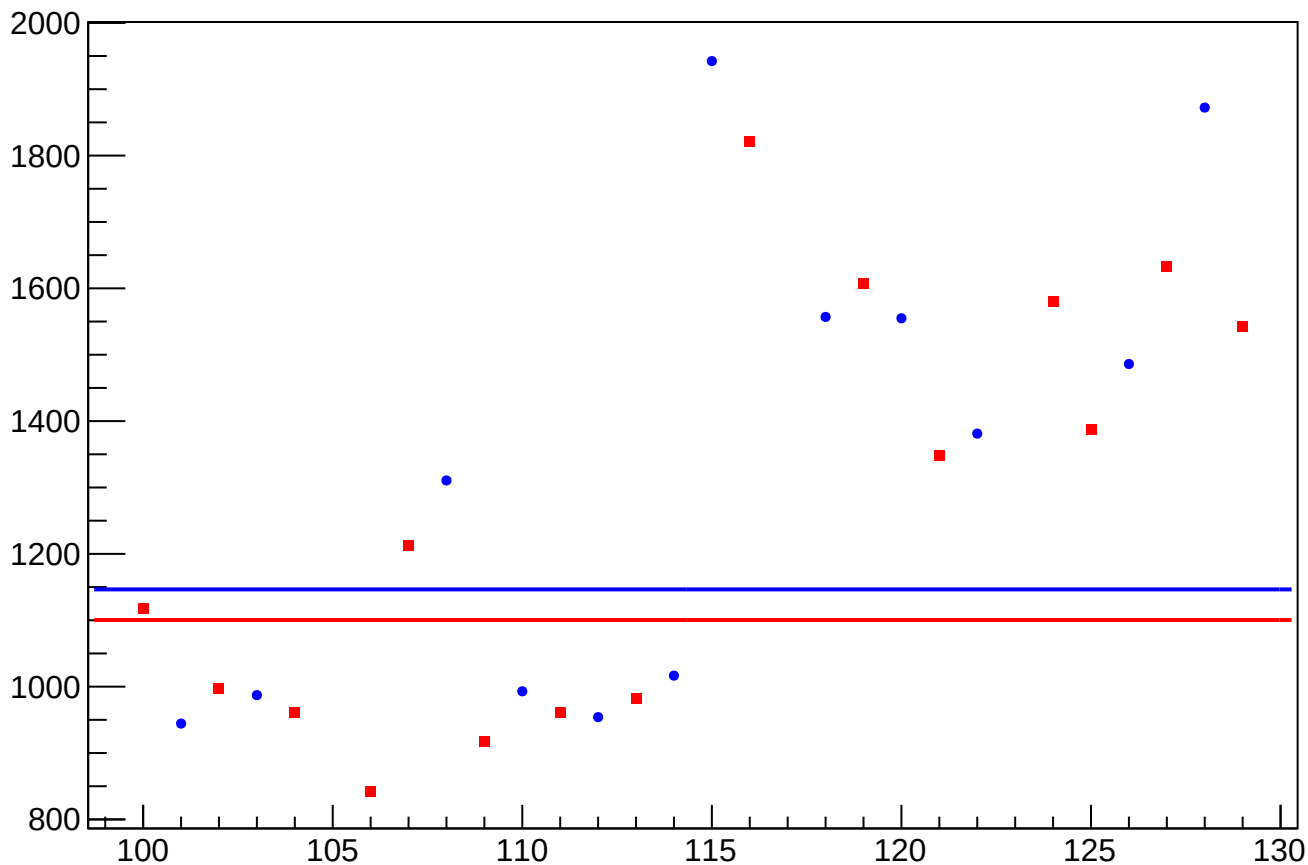
Right: 792.810+/-350.277 χ^2/NDF : 26.7/26

In: 324.259+/-529.837 χ^2/NDF : 11.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 792.810+/-350.277 χ^2/NDF : 26.7/26

asym_sam_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1146.501+/-0.375 χ^2/NDF : 541623.3/11

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

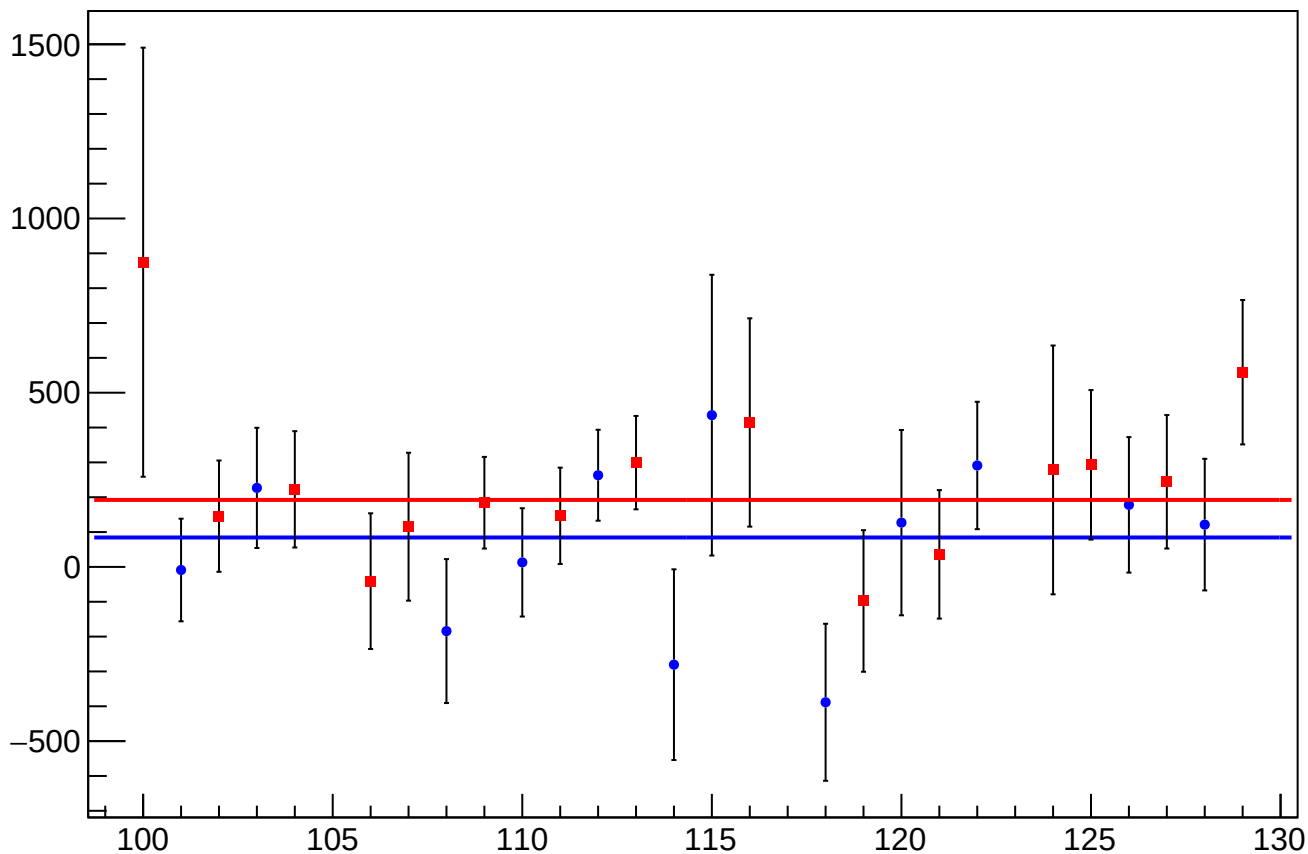
Right: 1120.549+/-0.248 χ^2/NDF : 1166800.4/26

In: 1146.501+/-0.375 χ^2/NDF : 541623.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1120.549+/-0.248 χ^2/NDF : 1166800.4/26

eigen_dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 84.452+/-54.155 χ^2/NDF : 13.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

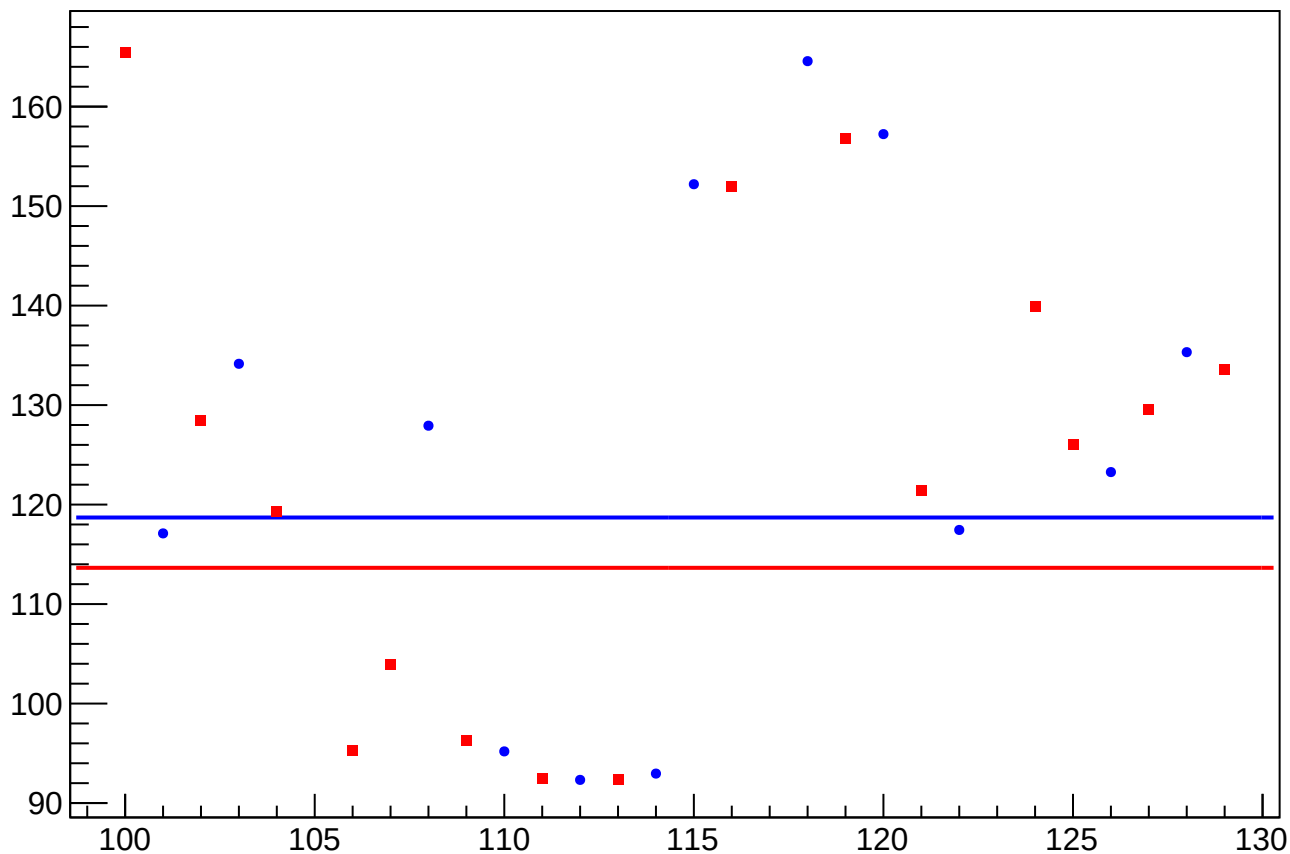
Right: 145.020+/-35.852 χ^2/NDF : 26.1/26

In: 84.452+/-54.155 χ^2/NDF : 13.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.020+/-35.852 χ^2/NDF : 26.1/26

eigen_dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 118.701 $\pm$ 0.038 χ^2 /NDF: 320736.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 113.644 $\pm$ 0.034 χ^2 /NDF: 364341.3/14

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

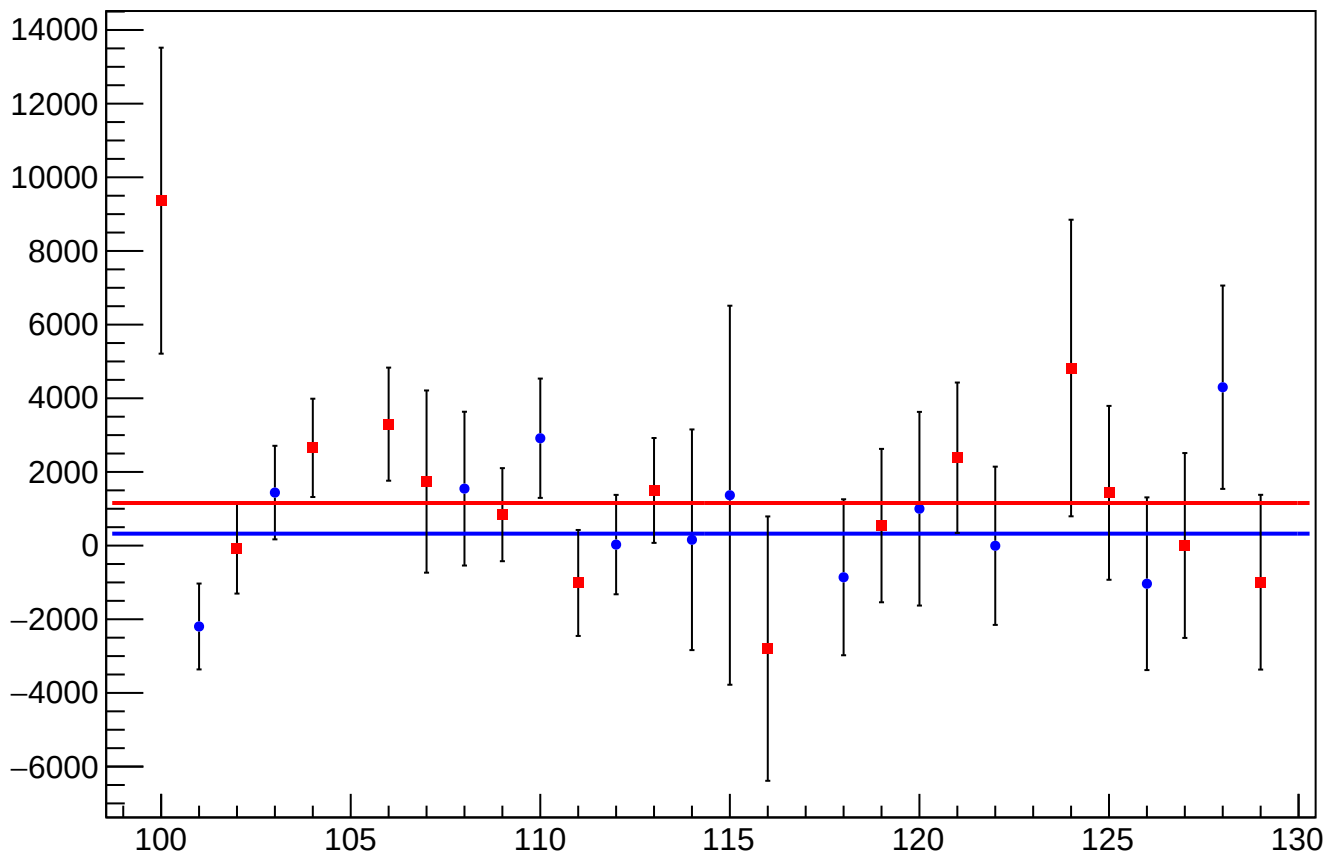
Right: 115.860 $\pm$ 0.025 χ^2 /NDF: 694872.8/26

In: 118.701 $\pm$ 0.038 χ^2 /NDF:320736.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 115.860 $\pm$ 0.025 χ^2 /NDF: 694872.8/26

asym_sam_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 324.259+/-529.837 χ^2/NDF : 11.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

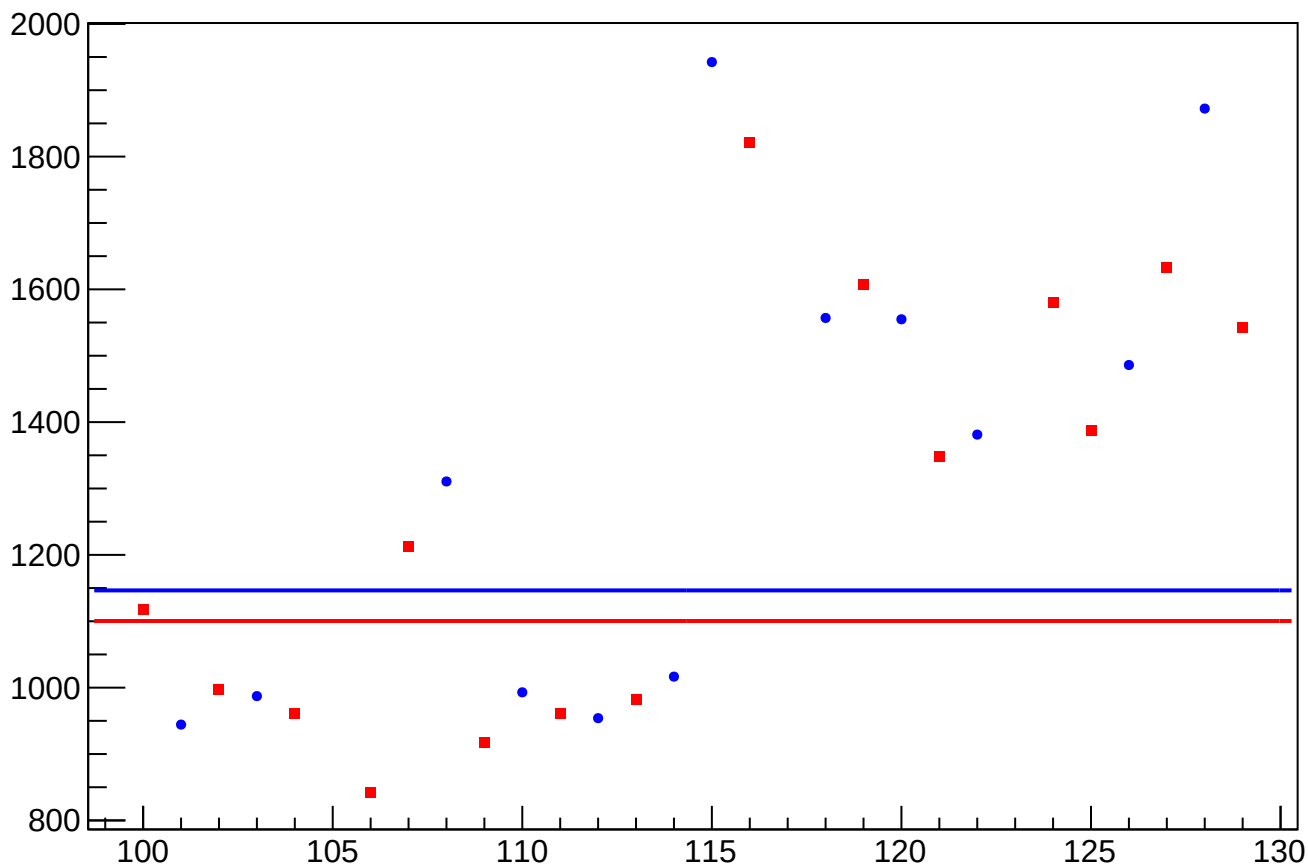
Right: 792.811+/-350.277 χ^2/NDF : 26.7/26

In: 324.259+/-529.837 χ^2/NDF : 11.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 792.811+/-350.277 χ^2/NDF : 26.7/26

asym_sam_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1146.501+/-0.375 χ^2/NDF : 541623.9/11

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

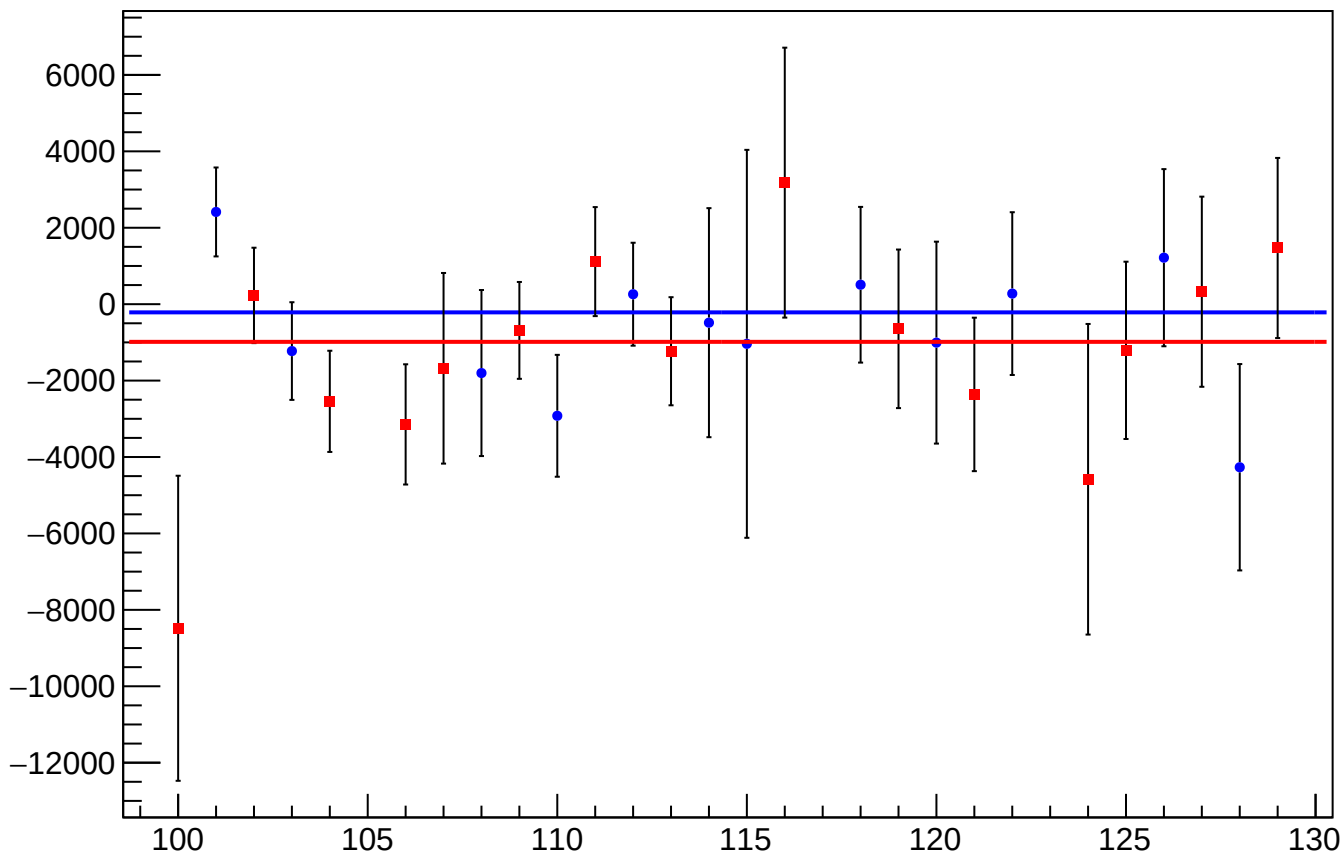
Right: 1120.549+/-0.248 χ^2/NDF : 1166802.6/26

In: 1146.501+/-0.375 χ^2/NDF : 541623.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1120.549+/-0.248 χ^2/NDF : 1166802.6/26

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: -214.438+/-528.169 χ^2/NDF : 12.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

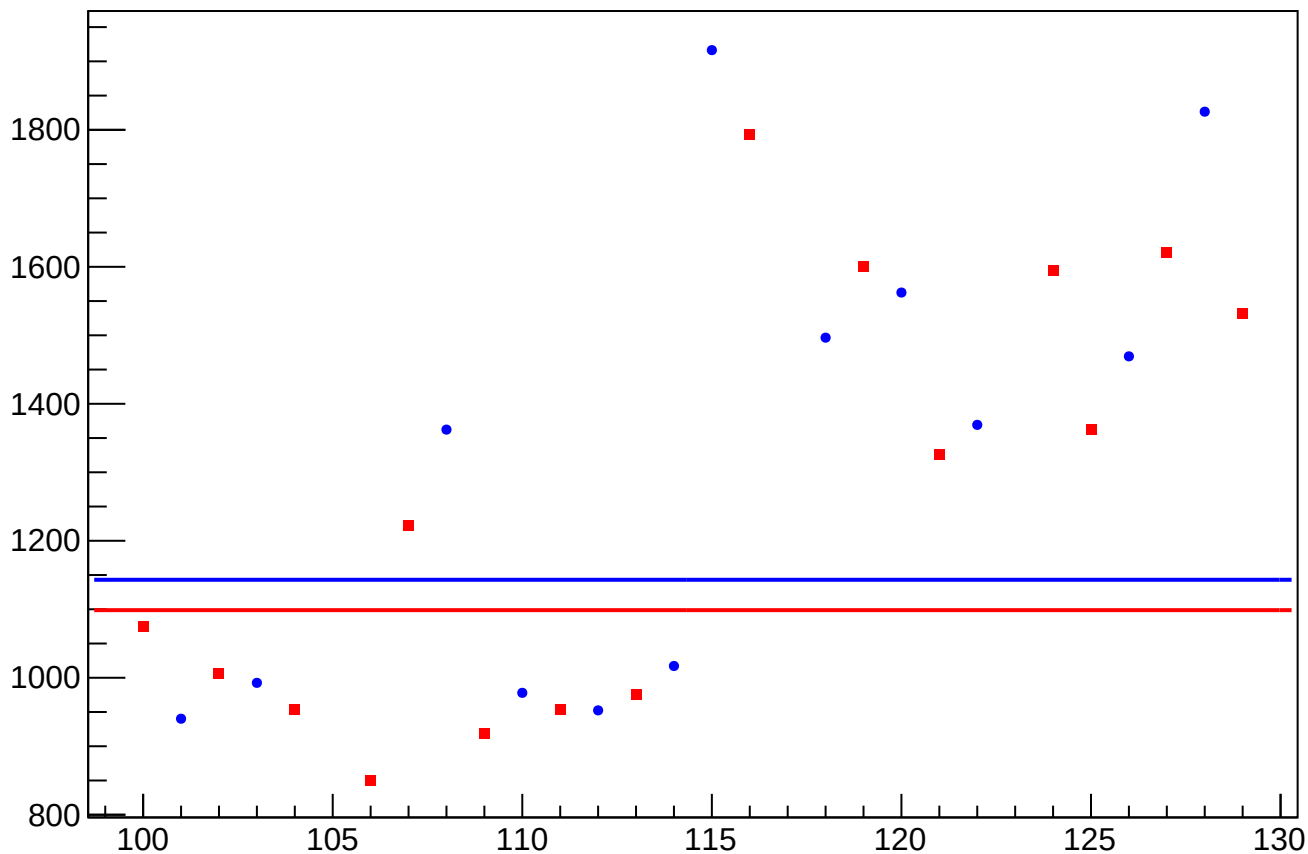
Right: -648.104+/-349.520 χ^2/NDF : 27.5/26

In: -214.438+/-528.169 χ^2/NDF : 12.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -648.104+/-349.520 χ^2/NDF : 27.5/26

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1143.061+/-0.373 χ^2/NDF : 521165.2/11

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

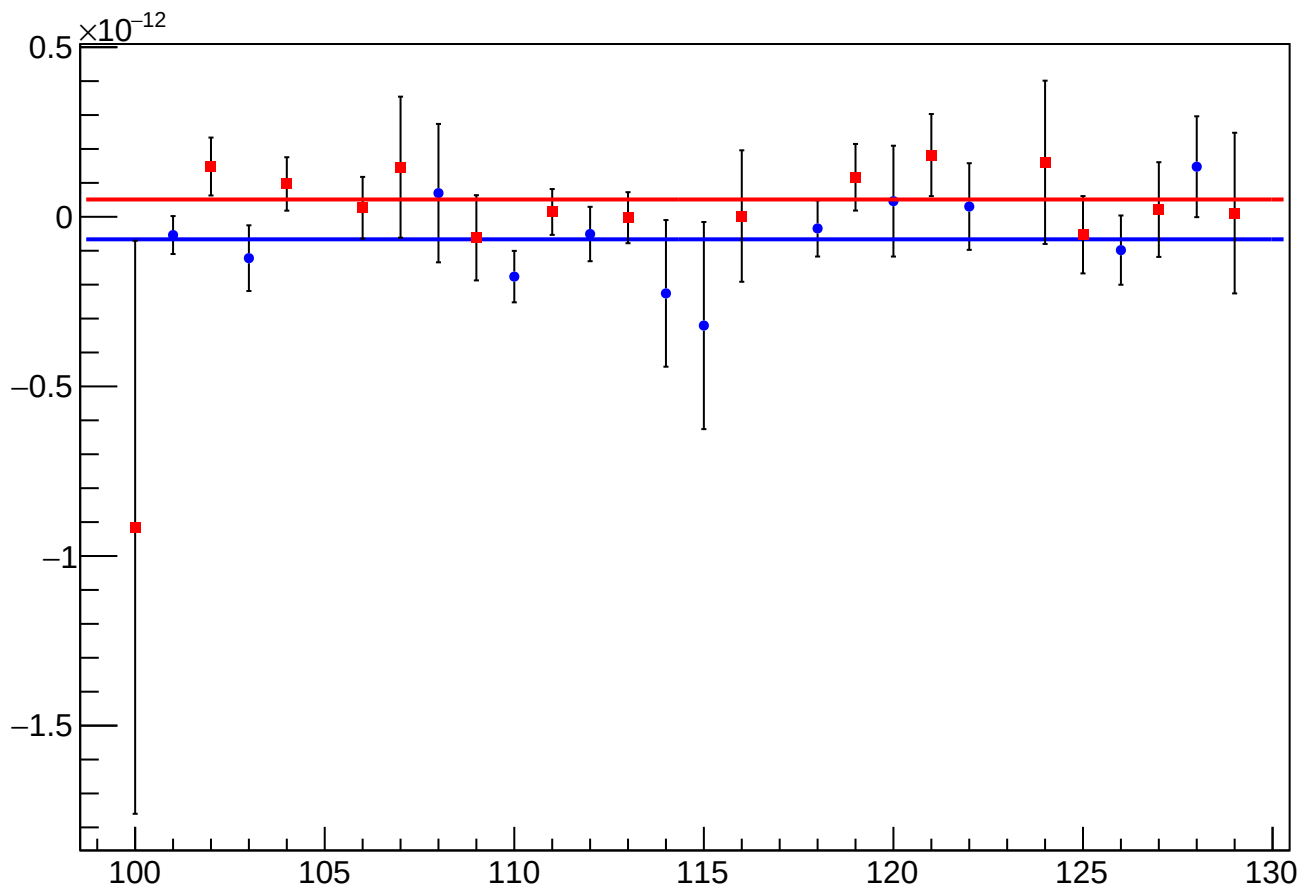
Right: 1118.126+/-0.247 χ^2/NDF : 1126683.1/26

In: 1143.061+/-0.373 χ^2/NDF : 521165.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1118.126+/-0.247 χ^2/NDF : 1126683.1/26

asym_sam_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

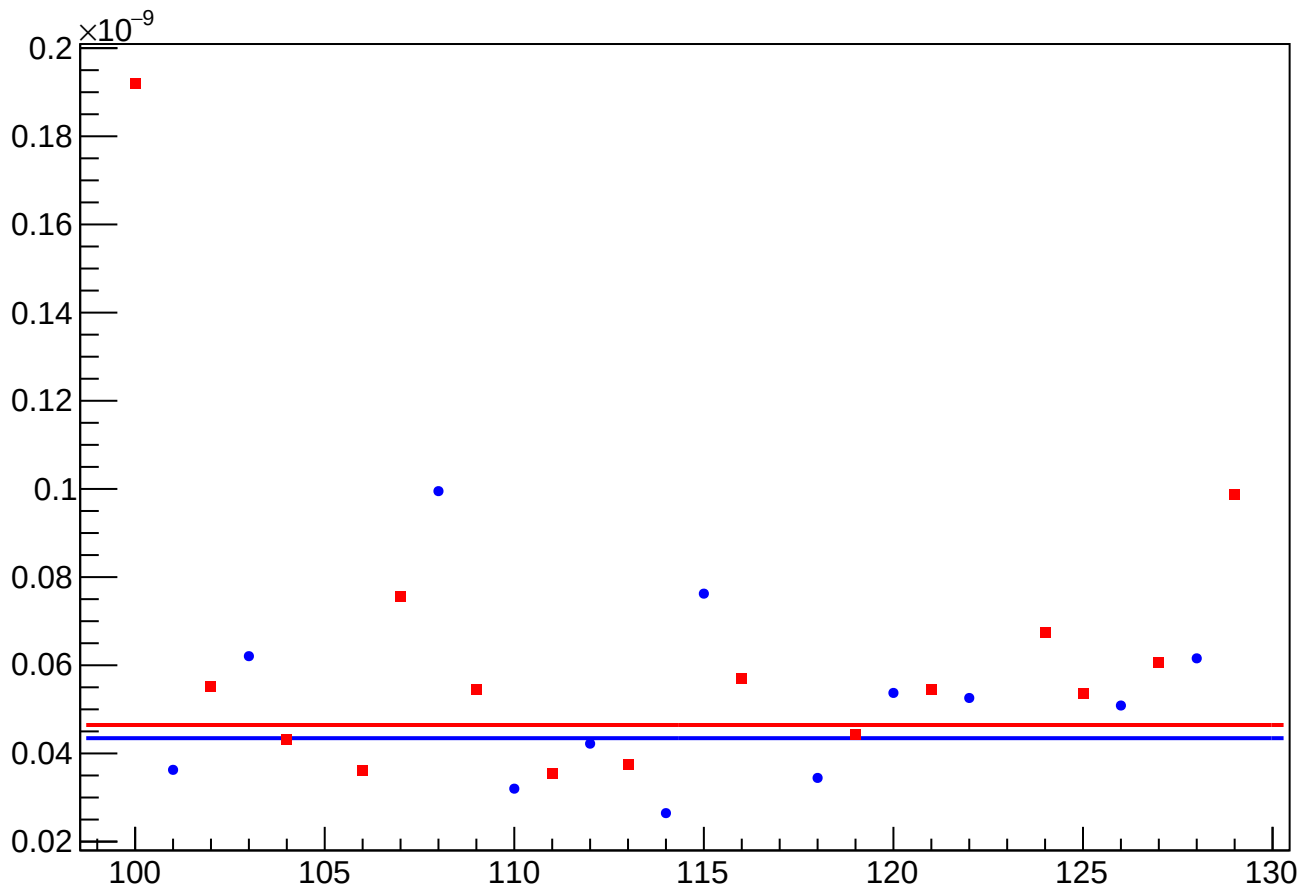
Right: -0.000+/-0.000 χ^2/NDF : 23.7/26

In: -0.000+/-0.000 χ^2/NDF : 7.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.7/26

asym_sam_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 421098.9/11

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

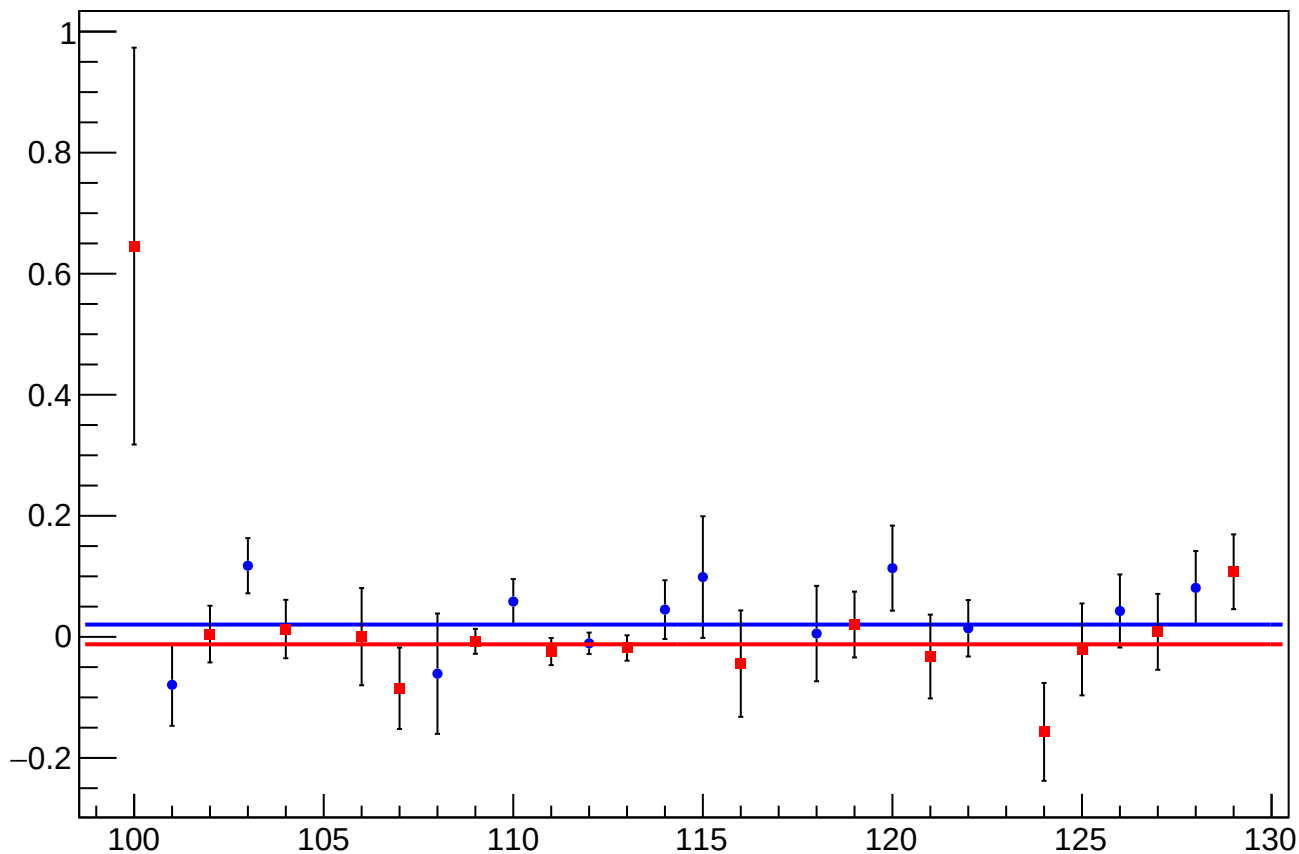
Right: 0.000+/-0.000 χ^2/NDF : 827145.3/26

In: 0.000+/-0.000 χ^2/NDF : 421098.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 827145.3/26

asym_sam_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.012 χ^2/NDF : 15.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-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

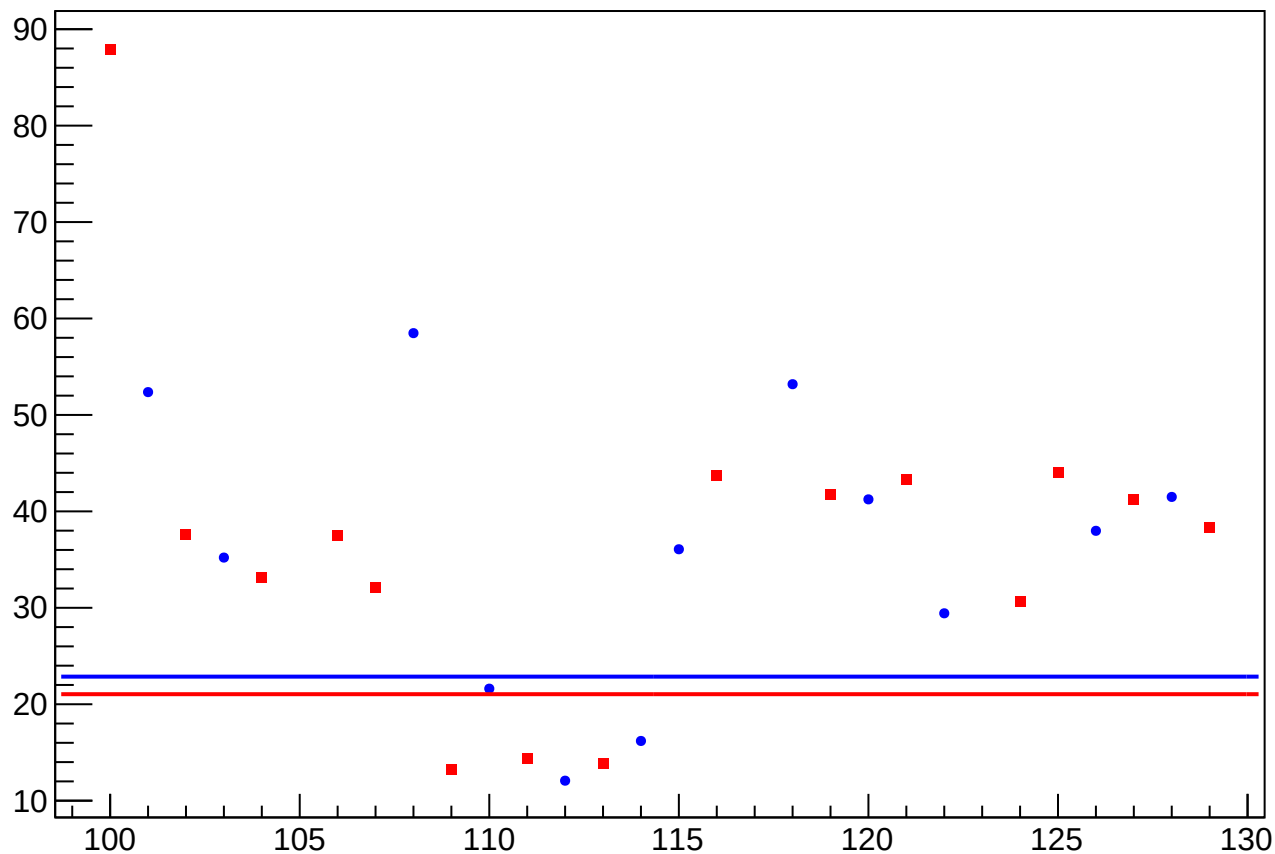
Right: 0.001+/-0.008 χ^2/NDF : 33.1/26

In: 0.020+/-0.012 χ^2/NDF : 15.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.008 χ^2/NDF : 33.1/26

asym_sam_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.863+/-0.009 χ^2/NDF : 2382162.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

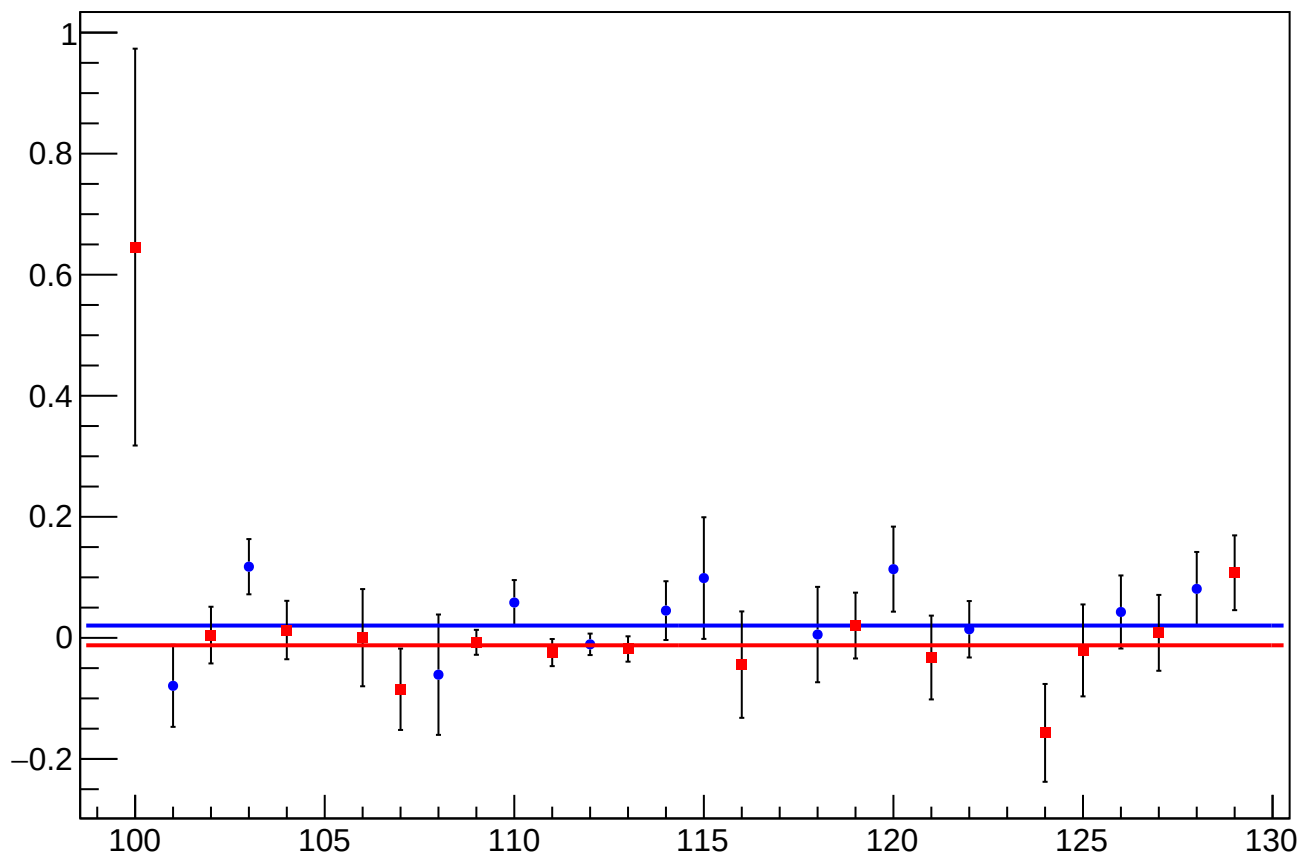
Right: 21.792+/-0.006 χ^2/NDF : 4909099.8/26

In: 22.863+/-0.009 χ^2/NDF : 2382162.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.792+/-0.006 χ^2/NDF : 4909099.8/26

asym_sam_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.012 χ^2/NDF : 15.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-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

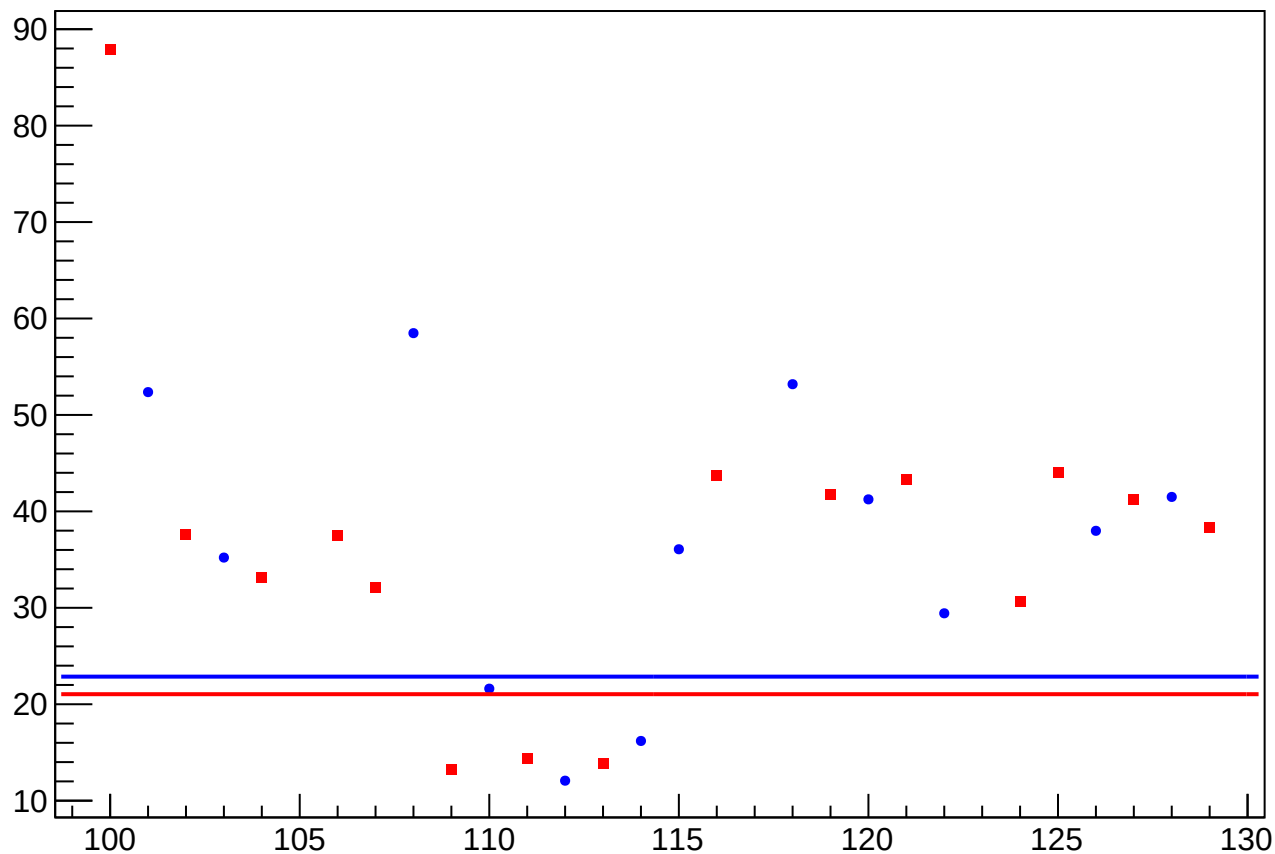
Right: 0.001+/-0.008 χ^2/NDF : 33.1/26

In: 0.020+/-0.012 χ^2/NDF : 15.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.008 χ^2/NDF : 33.1/26

asym_sam_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.863+/-0.009 χ^2/NDF : 2382162.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

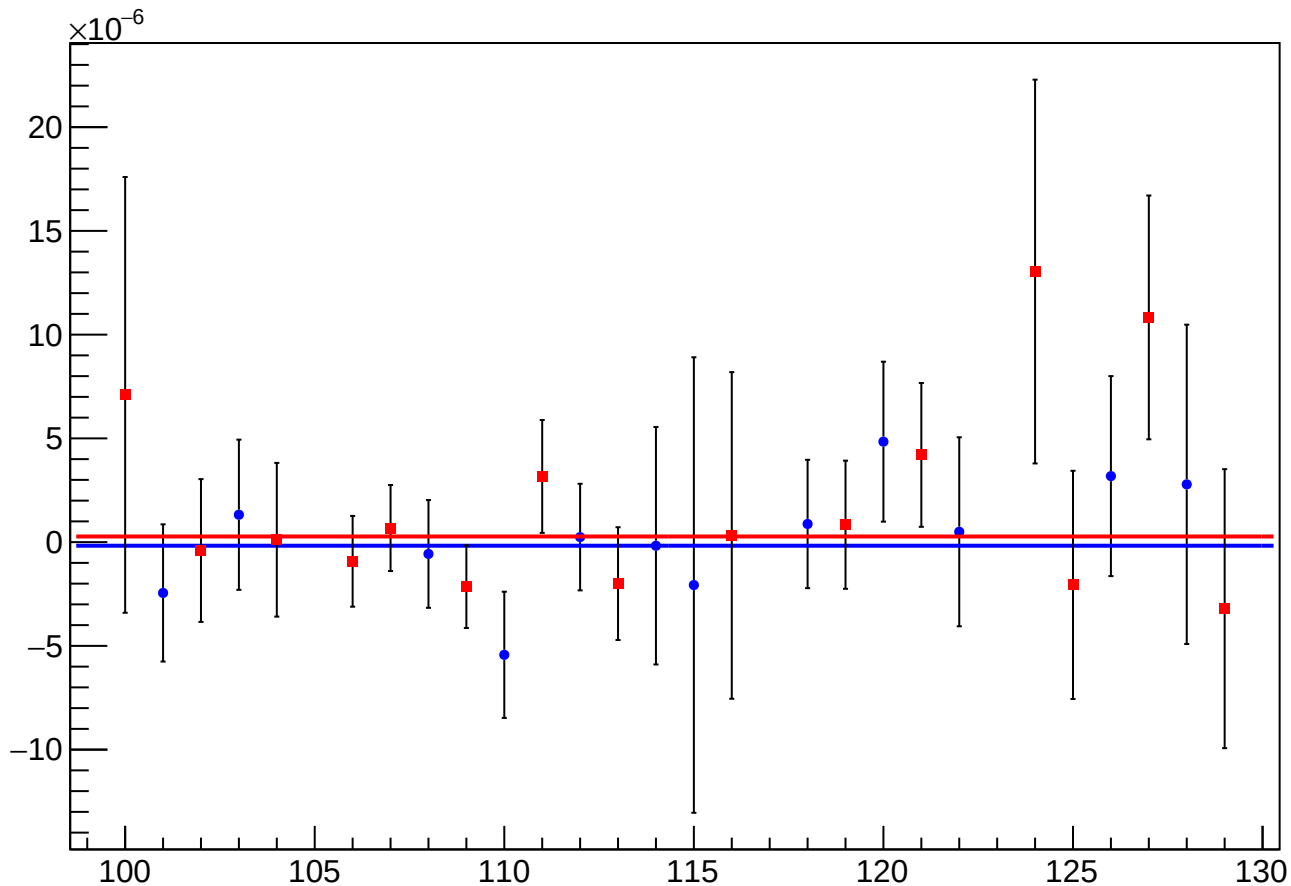
Right: 21.792+/-0.006 χ^2/NDF : 4909099.8/26

In: 22.863+/-0.009 χ^2/NDF : 2382162.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.792+/-0.006 χ^2/NDF : 4909099.8/26

asym_sam_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.2/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

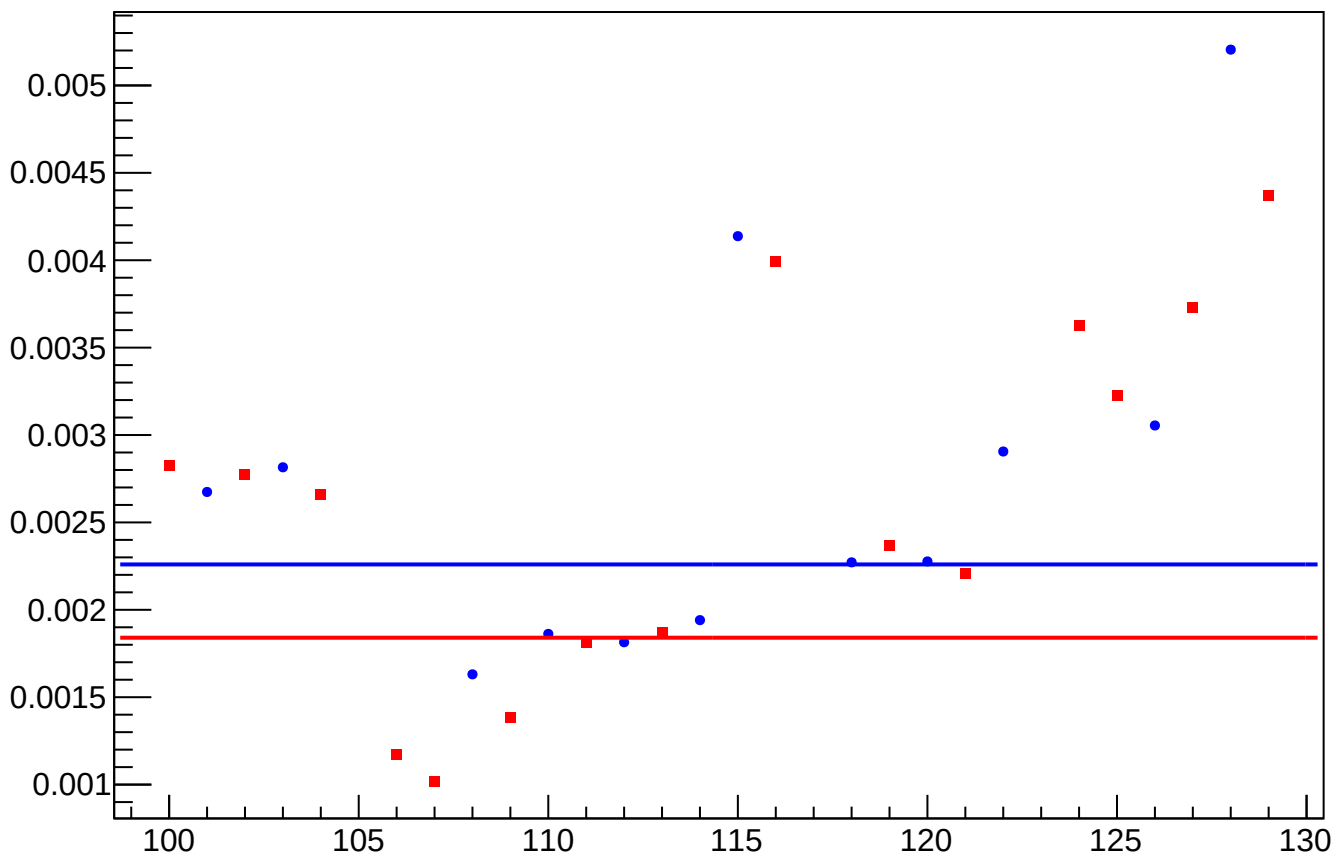
Right: 0.000+/-0.000 χ^2/NDF : 17.3/26

In: -0.000+/-0.000 χ^2/NDF :6.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.3/26

asym_sam_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 742531.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 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

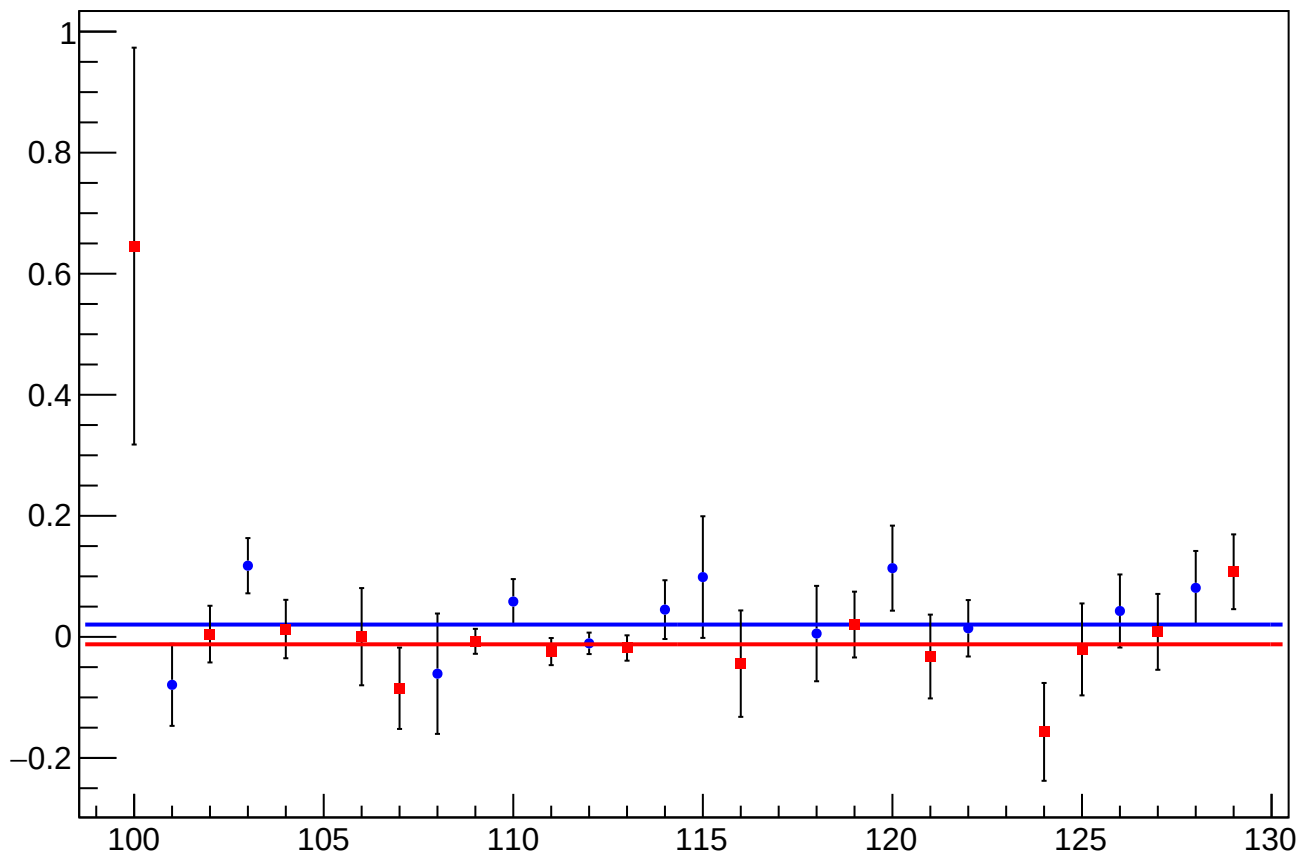
Right: 0.002+/-0.000 χ^2/NDF : 2728356.5/26

In: 0.002+/-0.000 χ^2/NDF :742531.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2728356.5/26

asym_sam_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.012 χ^2/NDF : 15.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-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

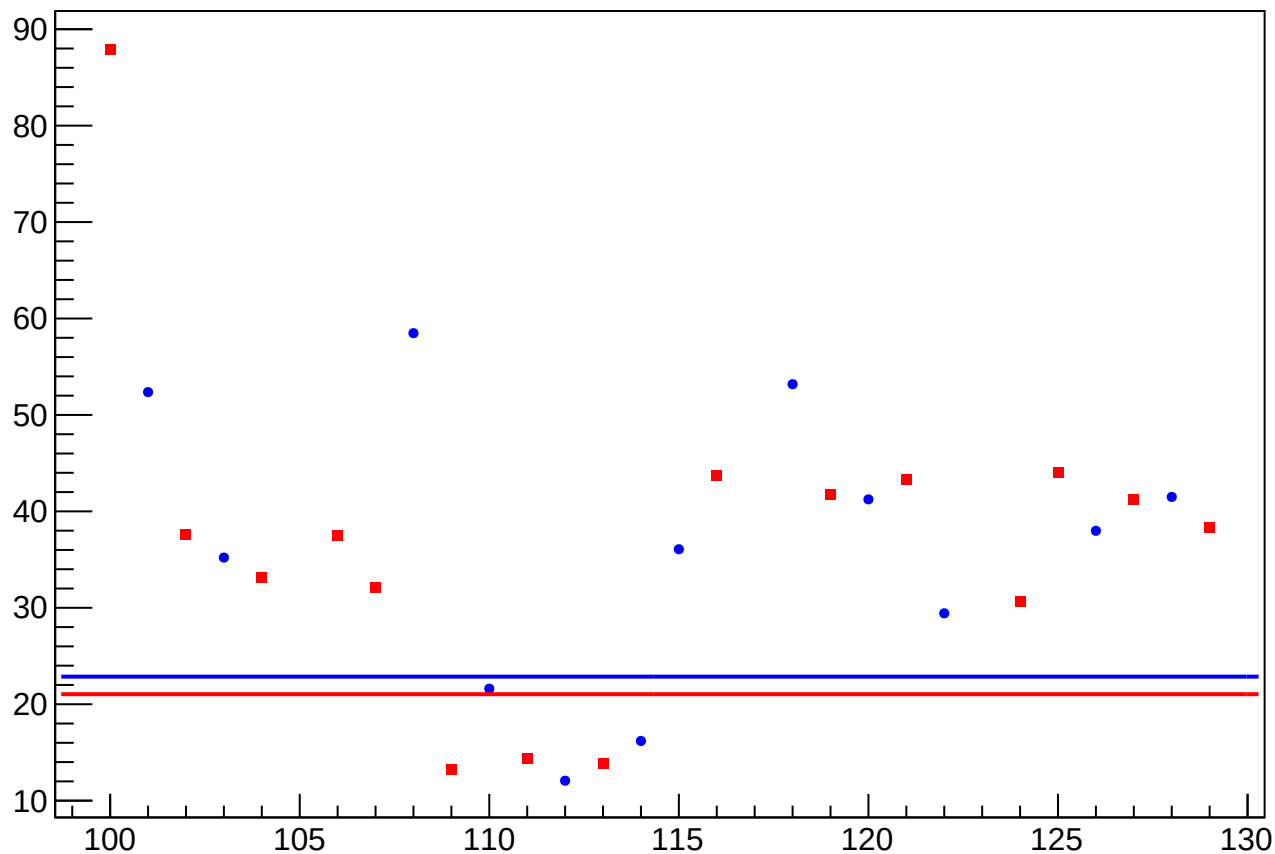
Right: 0.001+/-0.008 χ^2/NDF : 33.1/26

In: 0.020+/-0.012 χ^2/NDF : 15.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.008 χ^2/NDF : 33.1/26

asym_sam_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.862+/-0.009 χ^2/NDF : 2382455.8/11

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

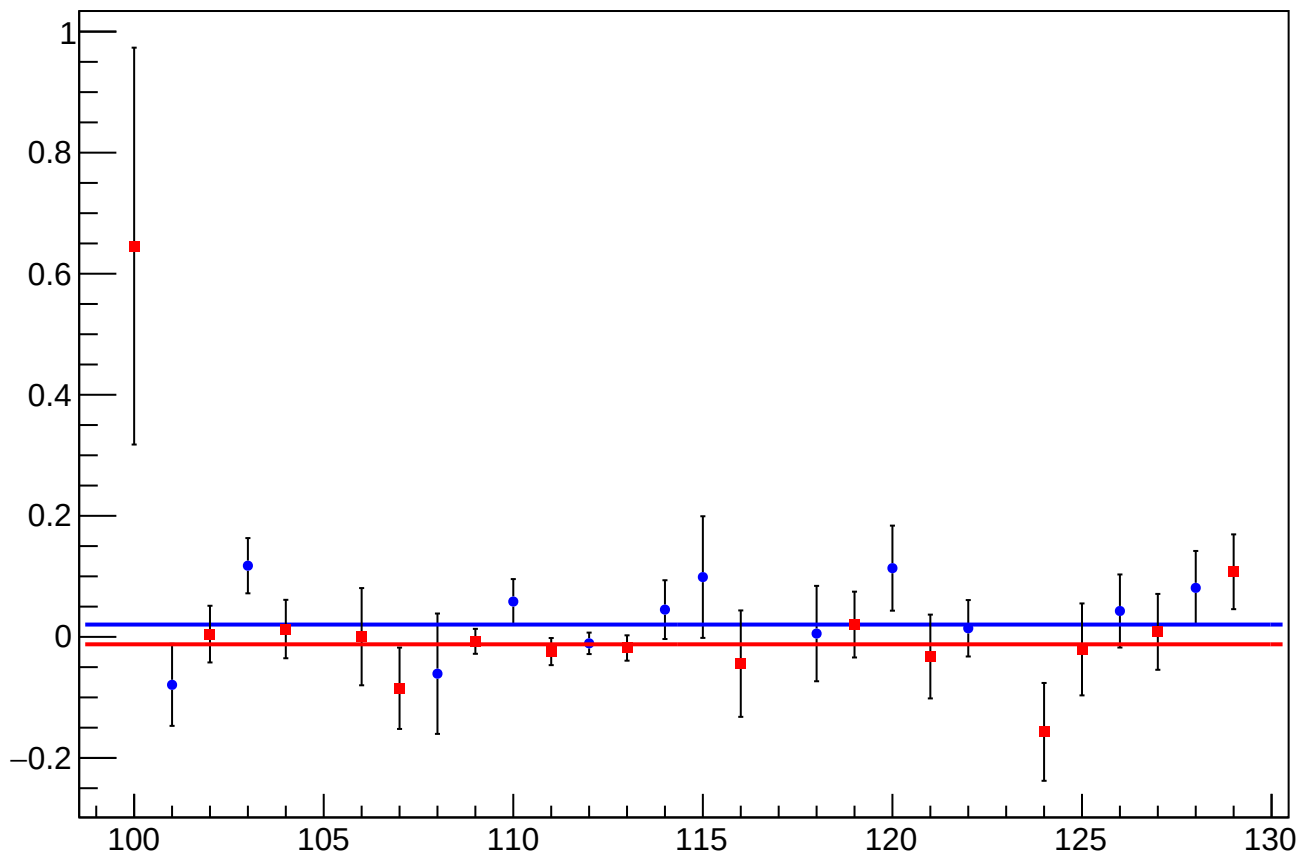
Right: 21.792+/-0.006 χ^2/NDF : 4909413.6/26

In: 22.862+/-0.009 χ^2/NDF :2382455.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 21.792+/-0.006 χ^2/NDF : 4909413.6/26

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.012 χ^2/NDF : 15.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-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

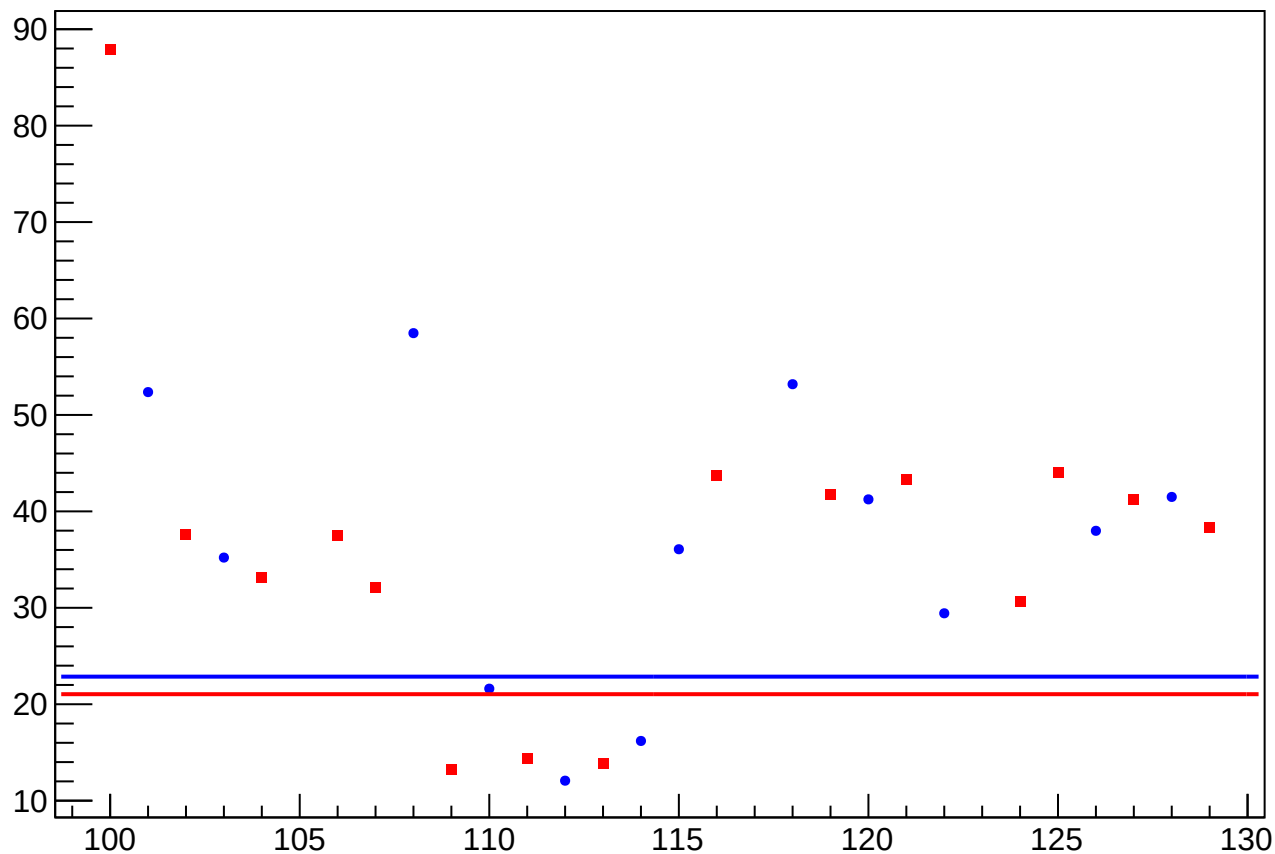
Right: 0.001+/-0.008 χ^2/NDF : 33.1/26

In: 0.020+/-0.012 χ^2/NDF : 15.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.008 χ^2/NDF : 33.1/26

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.862 $\pm$ 0.009 χ^2 /NDF: 2382455.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 21.042 $\pm$ 0.007 χ^2 /NDF: 2501268.1/14

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

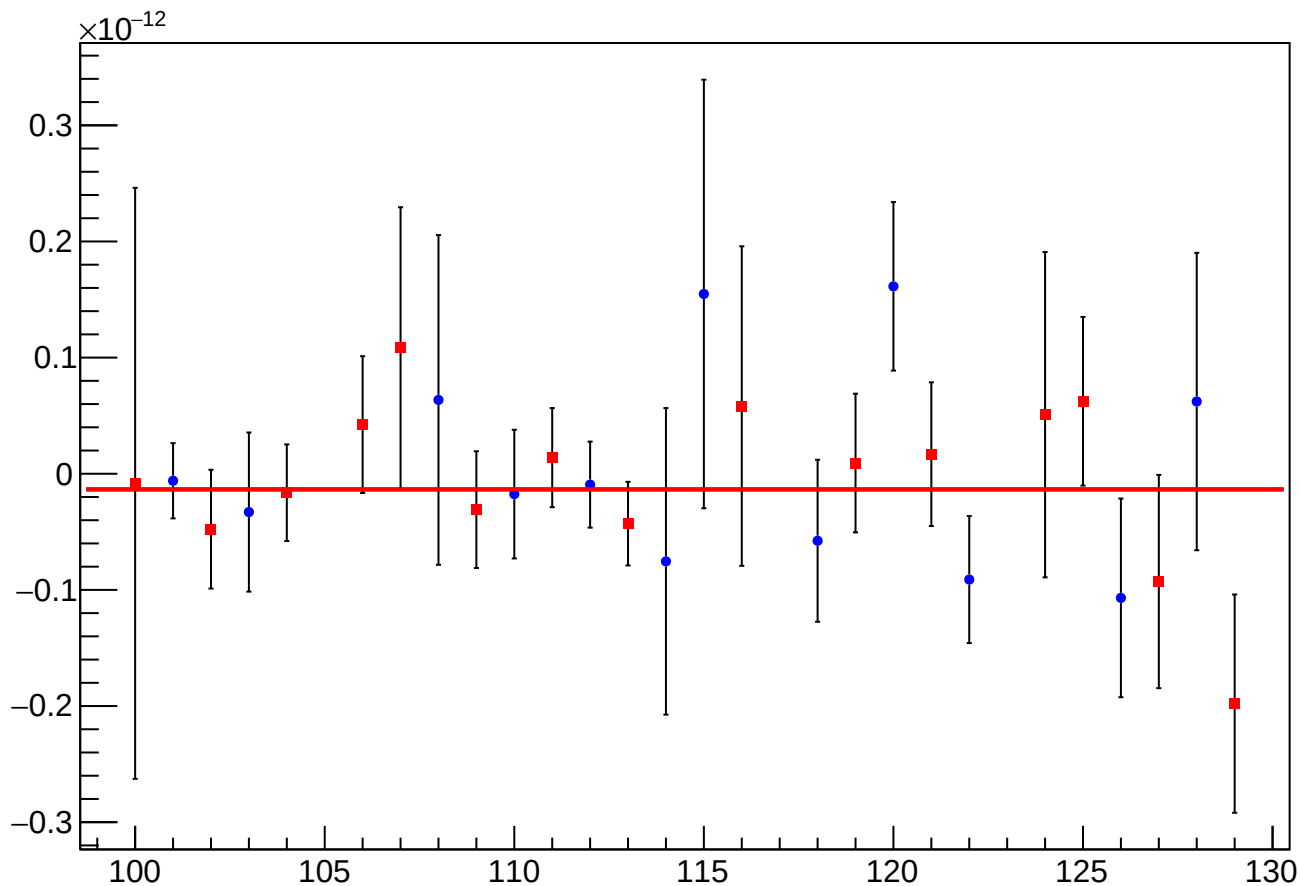
Right: 21.792 $\pm$ 0.006 χ^2 /NDF: 4909413.6/26

In: 22.862 $\pm$ 0.009 χ^2 /NDF:2382455.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 21.792 $\pm$ 0.006 χ^2 /NDF: 4909413.6/26

asym_sam_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.3/11

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

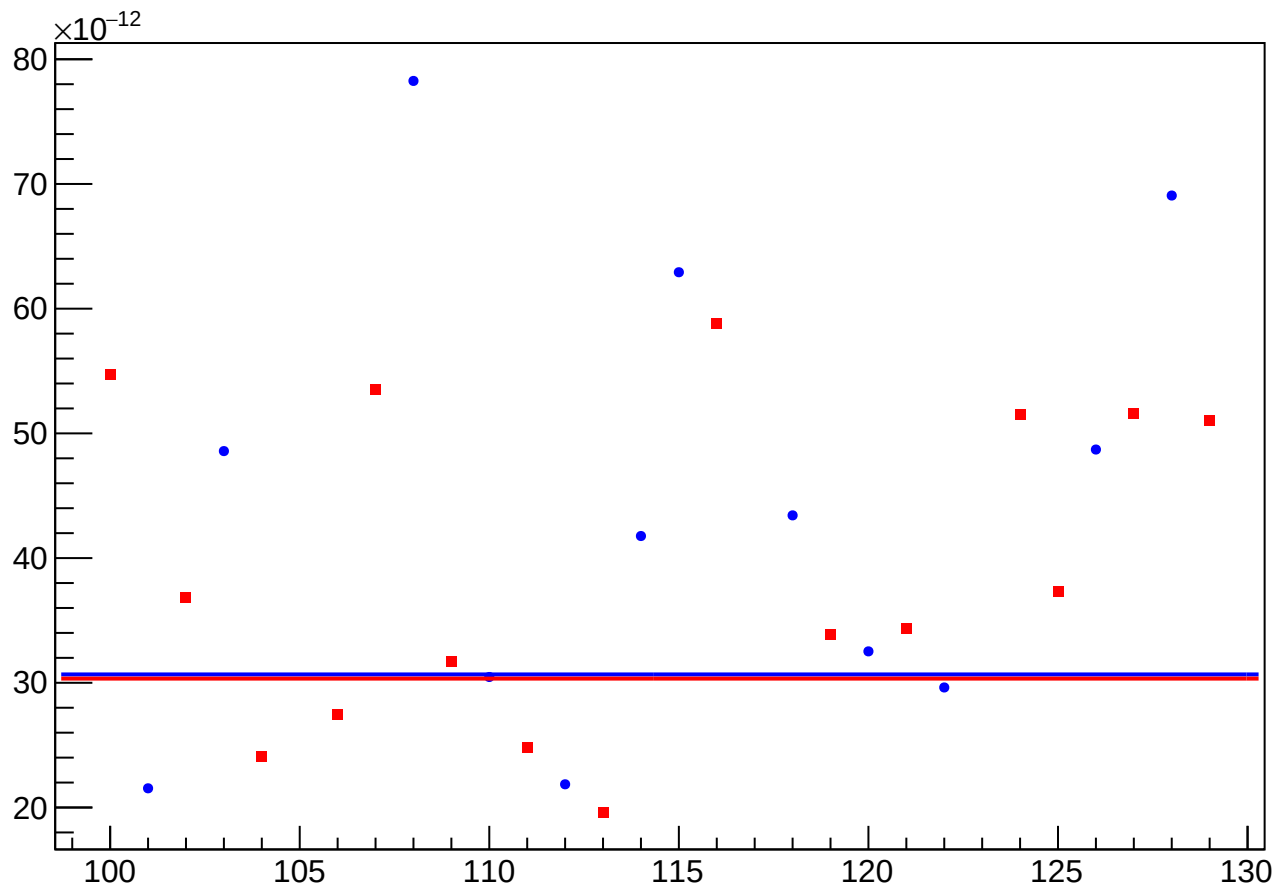
Right: -0.000+/-0.000 χ^2/NDF : 21.4/26

In: -0.000+/-0.000 χ^2/NDF : 11.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.4/26

asym_sam_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1046713.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

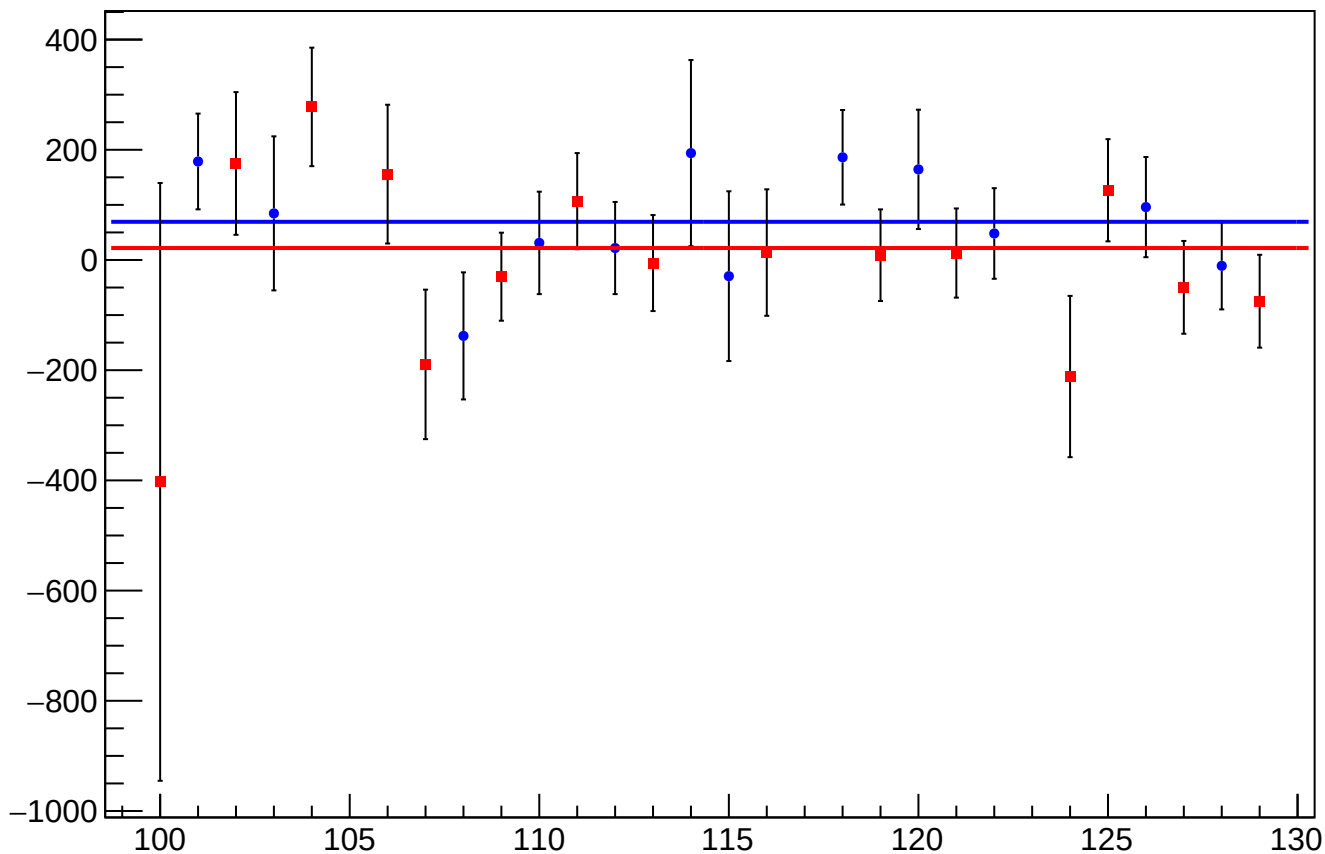
Right: 0.000+/-0.000 χ^2/NDF : 1804328.7/26

In: 0.000+/-0.000 χ^2/NDF : 1046713.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1804328.7/26

reg_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 69.302 $\pm$ 28.346 χ^2 /NDF: 10.1/11

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

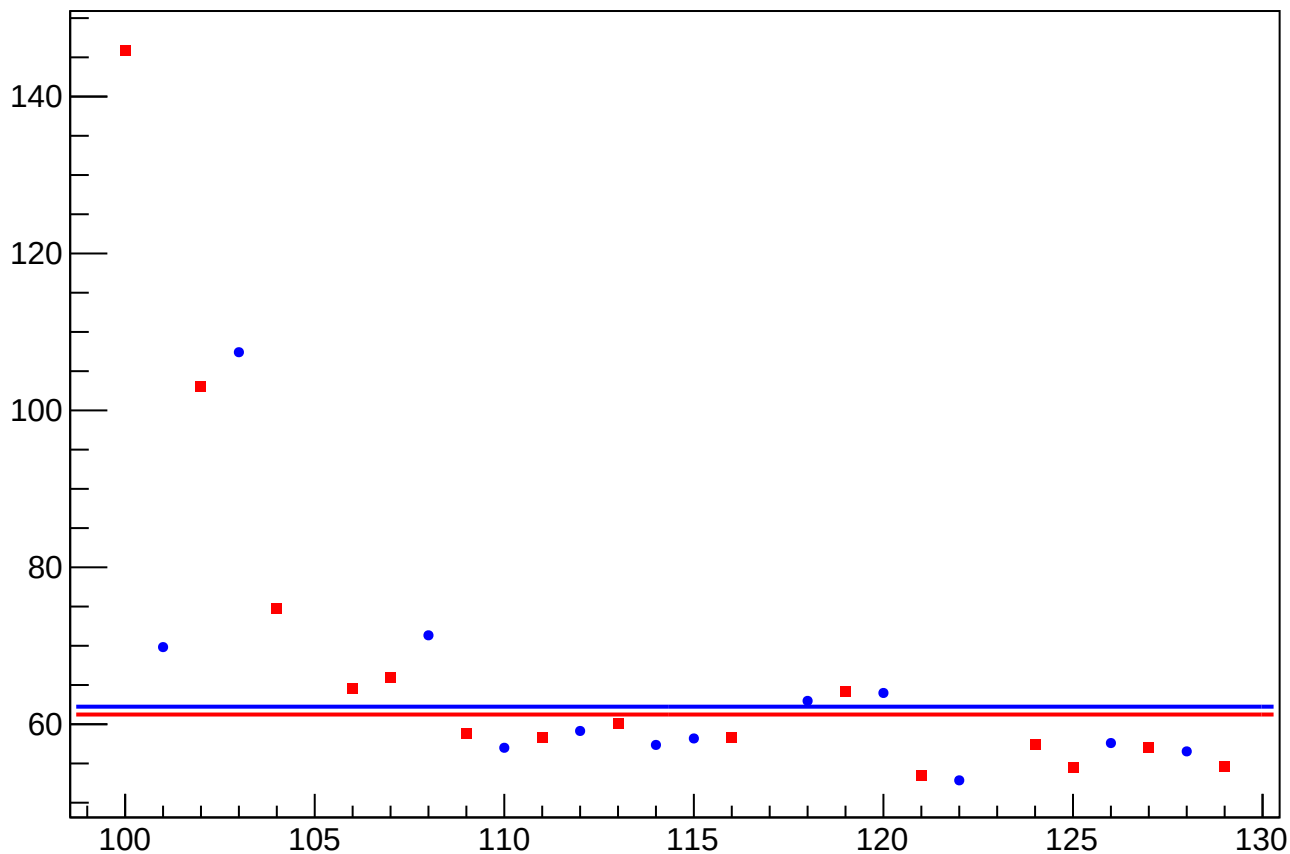
Right: 43.251 $\pm$ 19.072 χ^2 /NDF: 30.2/26

In: 69.302 $\pm$ 28.346 χ^2 /NDF:10.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 43.251 $\pm$ 19.072 χ^2 /NDF: 30.2/26

reg_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.239+/-0.020 χ^2/NDF : 291091.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.238+/-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

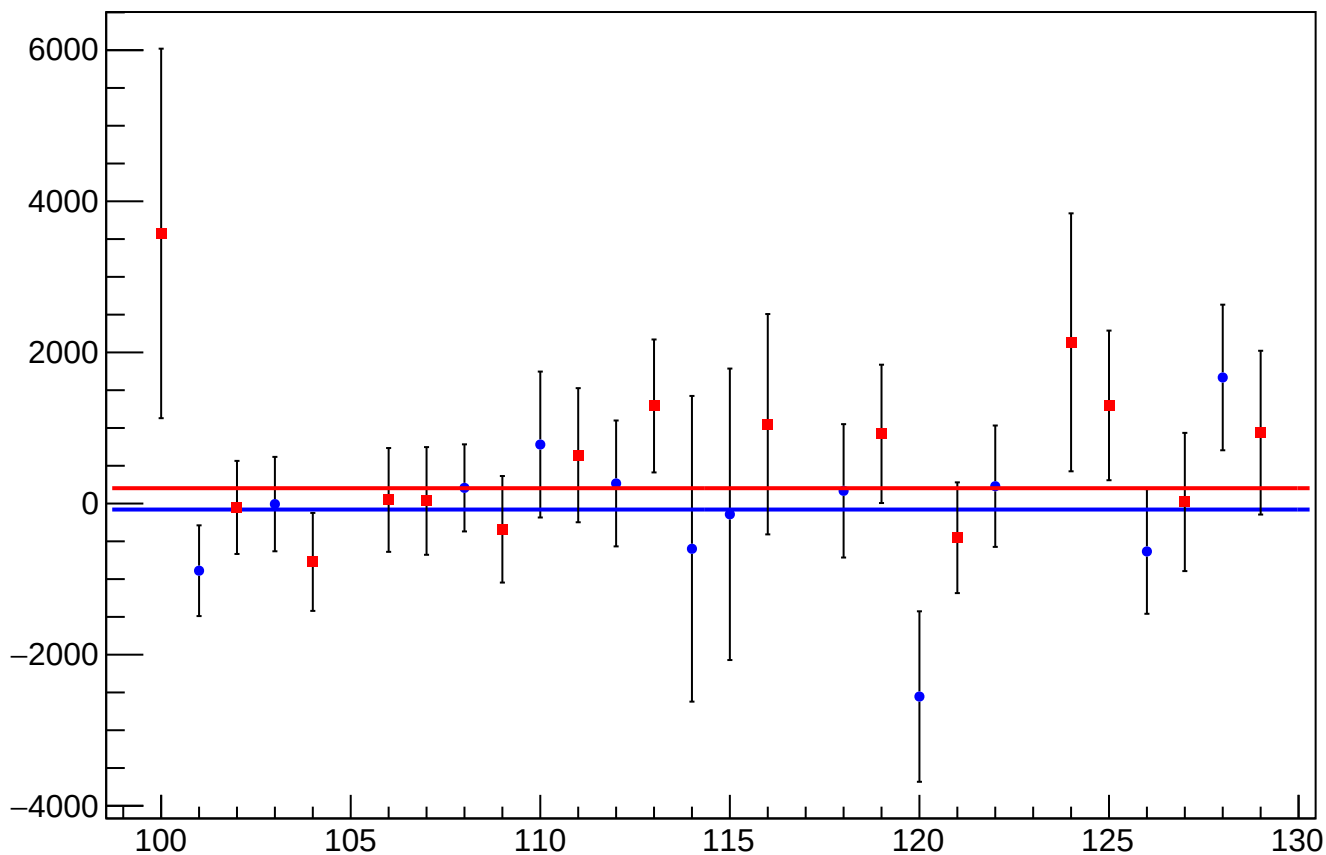
Right: 61.691+/-0.013 χ^2/NDF : 641632.3/26

In: 62.239+/-0.020 χ^2/NDF : 291091.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.691+/-0.013 χ^2/NDF : 641632.3/26

asym_sam_13_57_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -79.330+/-238.767 χ^2/NDF : 11.9/11

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

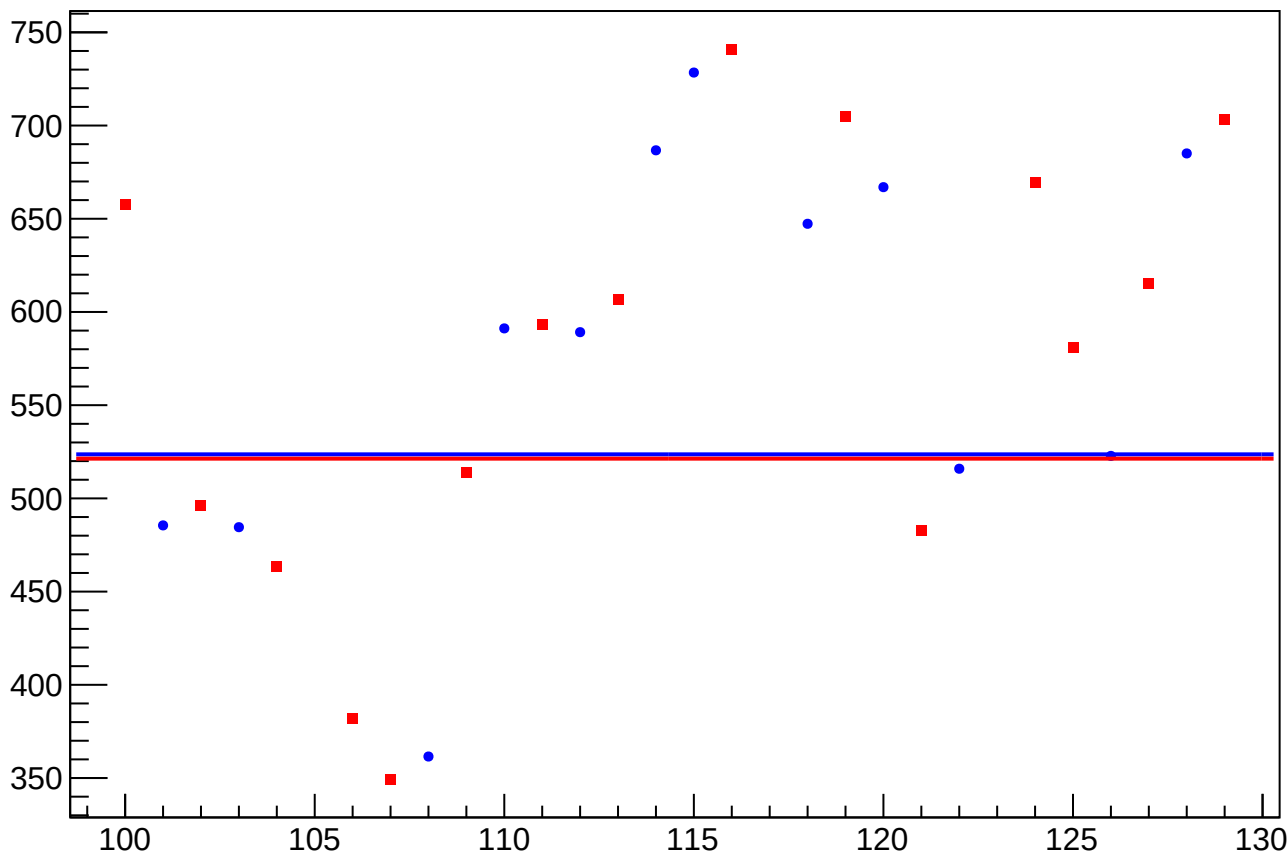
Right: 73.860+/-161.539 χ^2/NDF : 24.2/26

In: -79.330+/-238.767 χ^2/NDF : 11.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.860+/-161.539 χ^2/NDF : 24.2/26

asym_sam_13_57_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 523.624+/-0.169 χ^2/NDF : 359699.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

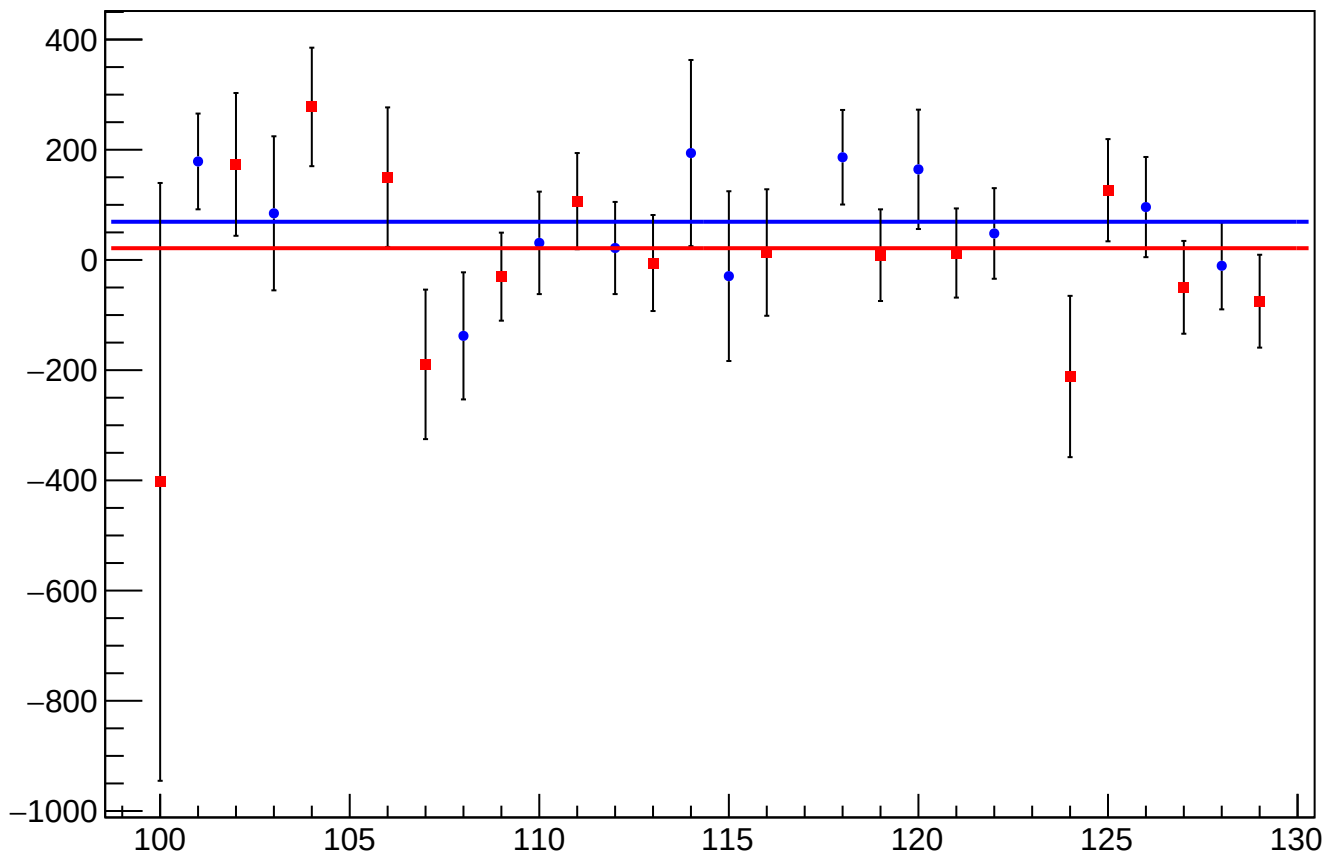
Right: 522.375+/-0.114 χ^2/NDF : 847751.2/26

In: 523.624+/-0.169 χ^2/NDF : 359699.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 522.375+/-0.114 χ^2/NDF : 847751.2/26

cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 69.304+/-28.346 χ^2/NDF : 10.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.333+/-25.786 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

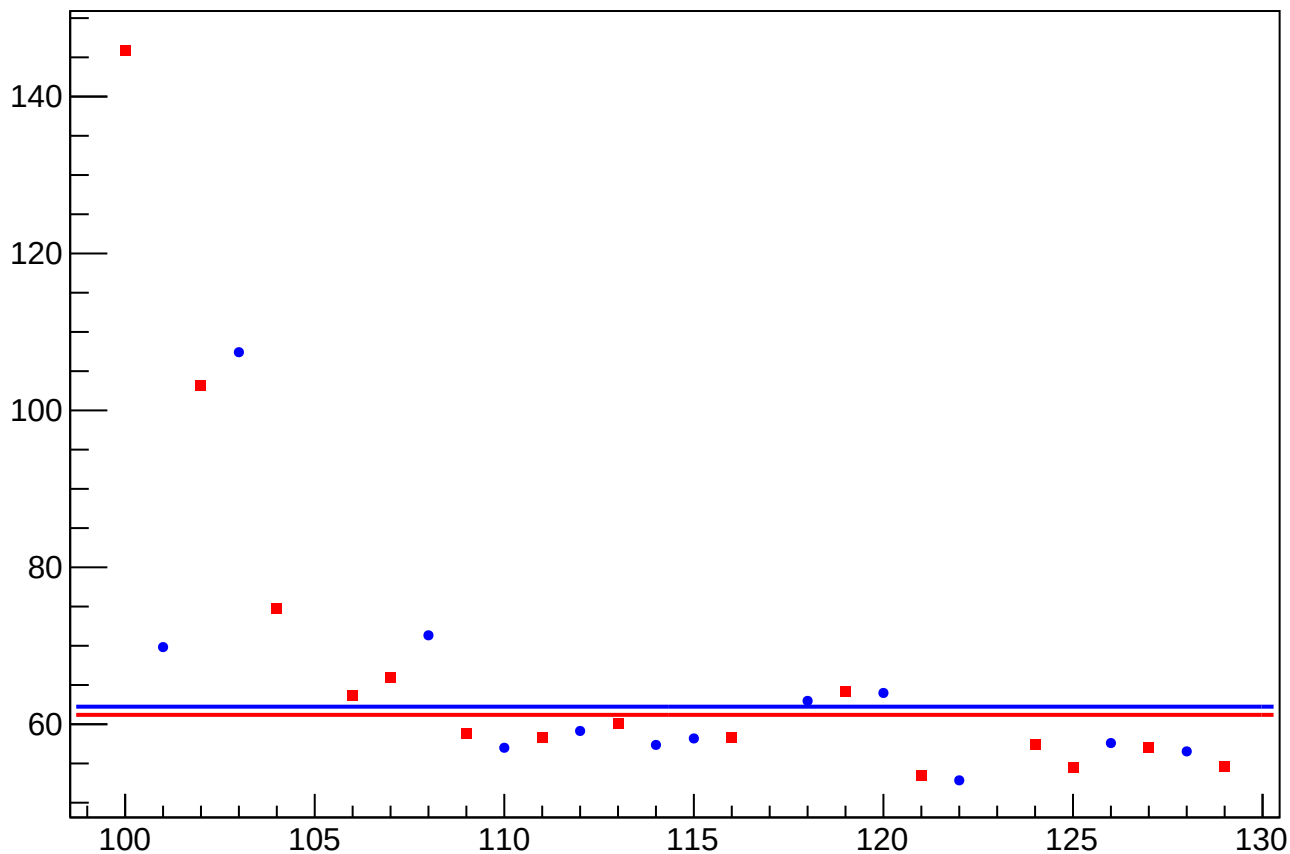
Right: 43.055+/-19.074 χ^2/NDF : 30.1/26

In: 69.304+/-28.346 χ^2/NDF : 10.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.055+/-19.074 χ^2/NDF : 30.1/26

cor_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.239+/-0.020 χ^2/NDF : 291093.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.196+/-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

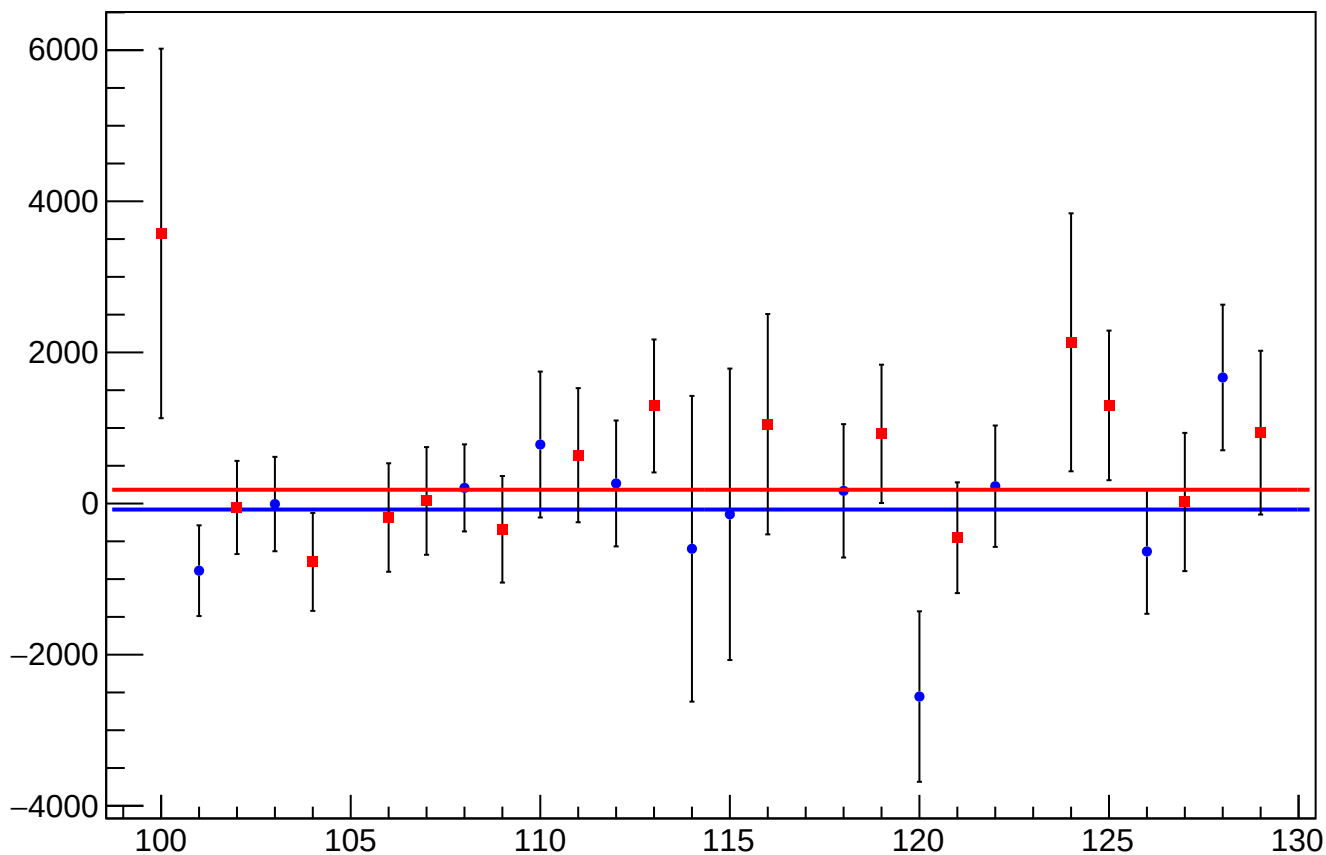
Right: 61.668+/-0.013 χ^2/NDF : 641252.8/26

In: 62.239+/-0.020 χ^2/NDF : 291093.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.668+/-0.013 χ^2/NDF : 641252.8/26

asym_sam_13_57_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -79.258 ± 238.770 $\chi^2/\text{NDF}: 11.9/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 182.643 ± 220.340 $\chi^2/\text{NDF}: 11.8/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

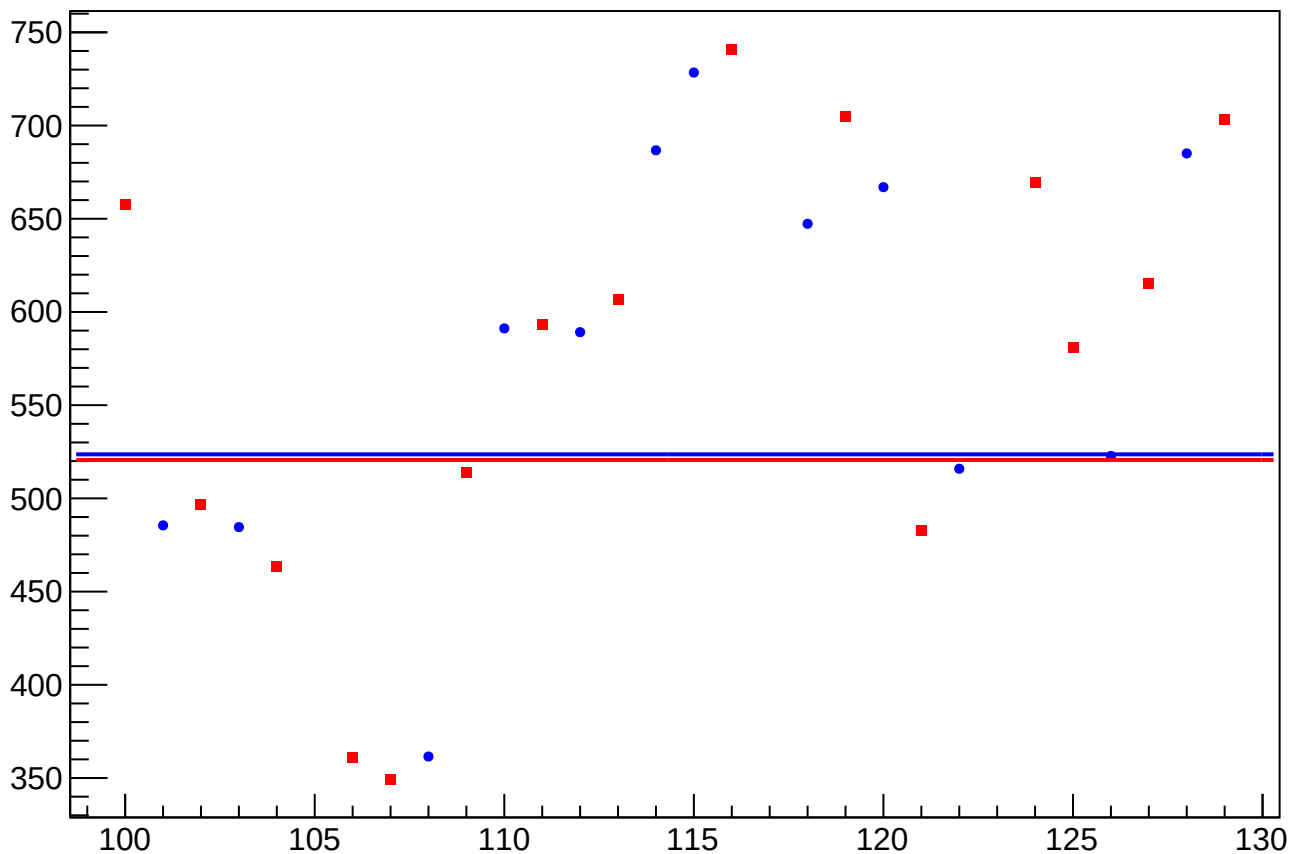
Right: 62.189 ± 161.928 $\chi^2/\text{NDF}: 24.3/26$

In: -79.258 ± 238.770 $\chi^2/\text{NDF}: 11.9/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 62.189 ± 161.928 $\chi^2/\text{NDF}: 24.3/26$

asym_sam_13_57_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 523.629+/-0.169 χ^2/NDF : 359685.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

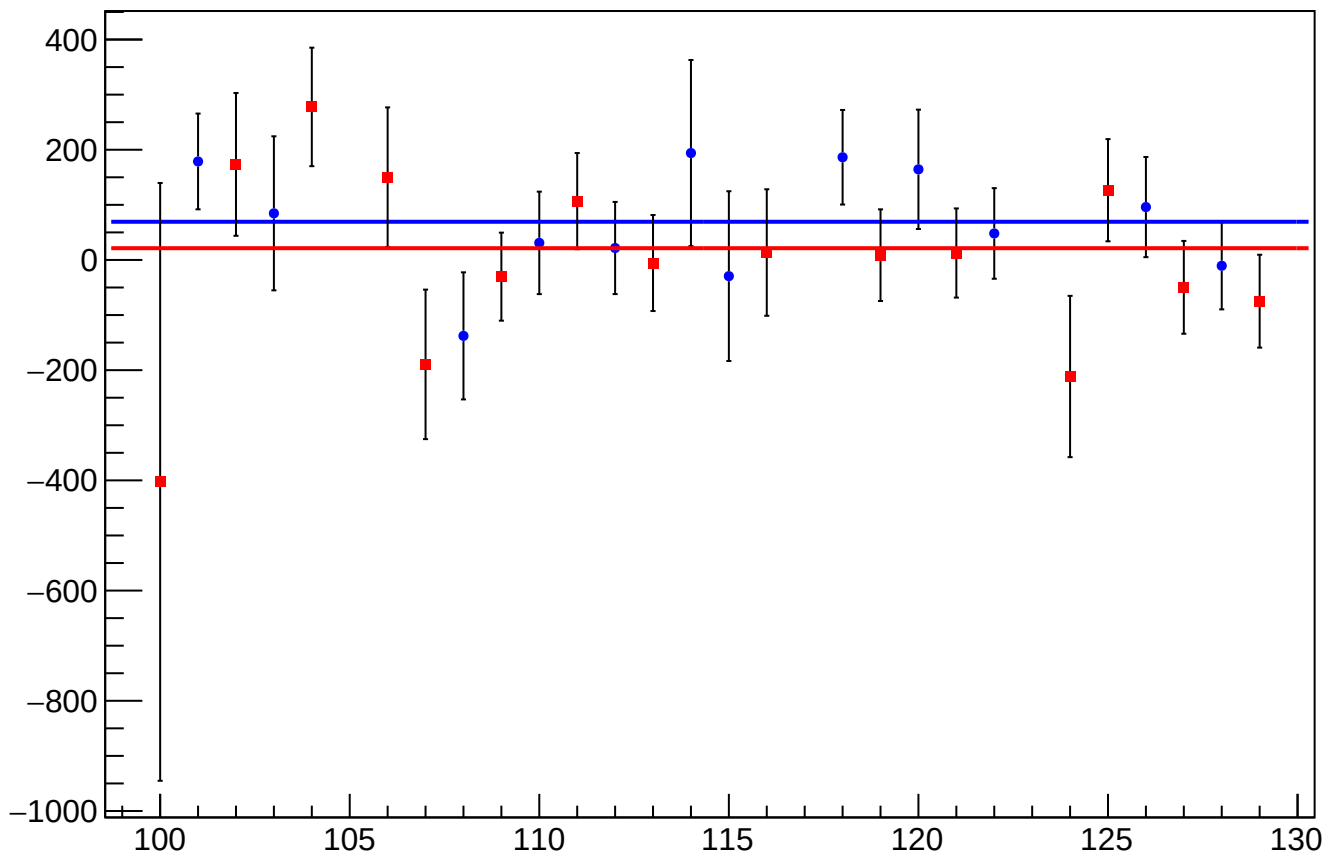
Right: 522.006+/-0.115 χ^2/NDF : 865082.4/26

In: 523.629+/-0.169 χ^2/NDF : 359685.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 522.006+/-0.115 χ^2/NDF : 865082.4/26

eigen_cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 69.304+/-28.346 χ^2/NDF : 10.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.333+/-25.786 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

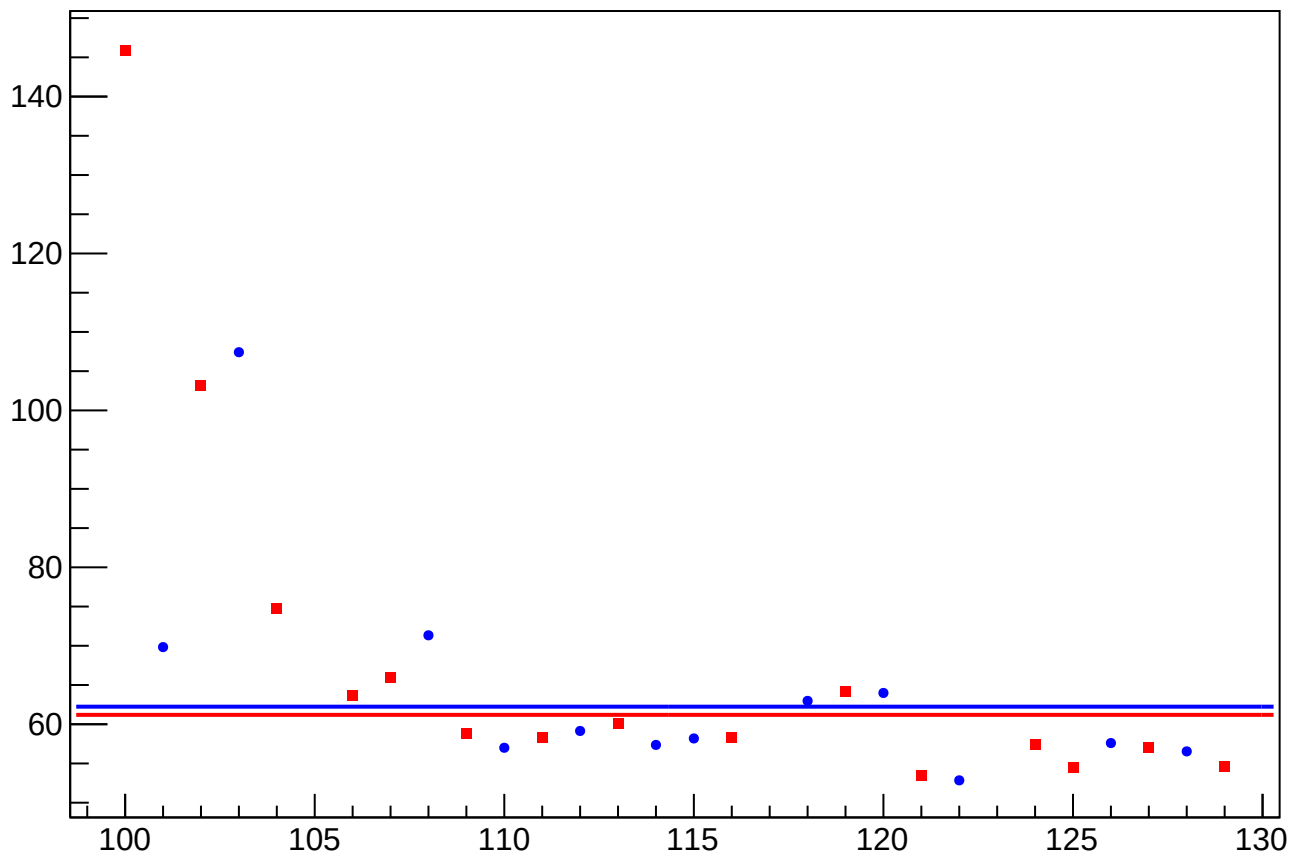
Right: 43.055+/-19.074 χ^2/NDF : 30.1/26

In: 69.304+/-28.346 χ^2/NDF : 10.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.055+/-19.074 χ^2/NDF : 30.1/26

eigen_cor_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.239+/-0.020 χ^2/NDF : 291093.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.196+/-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

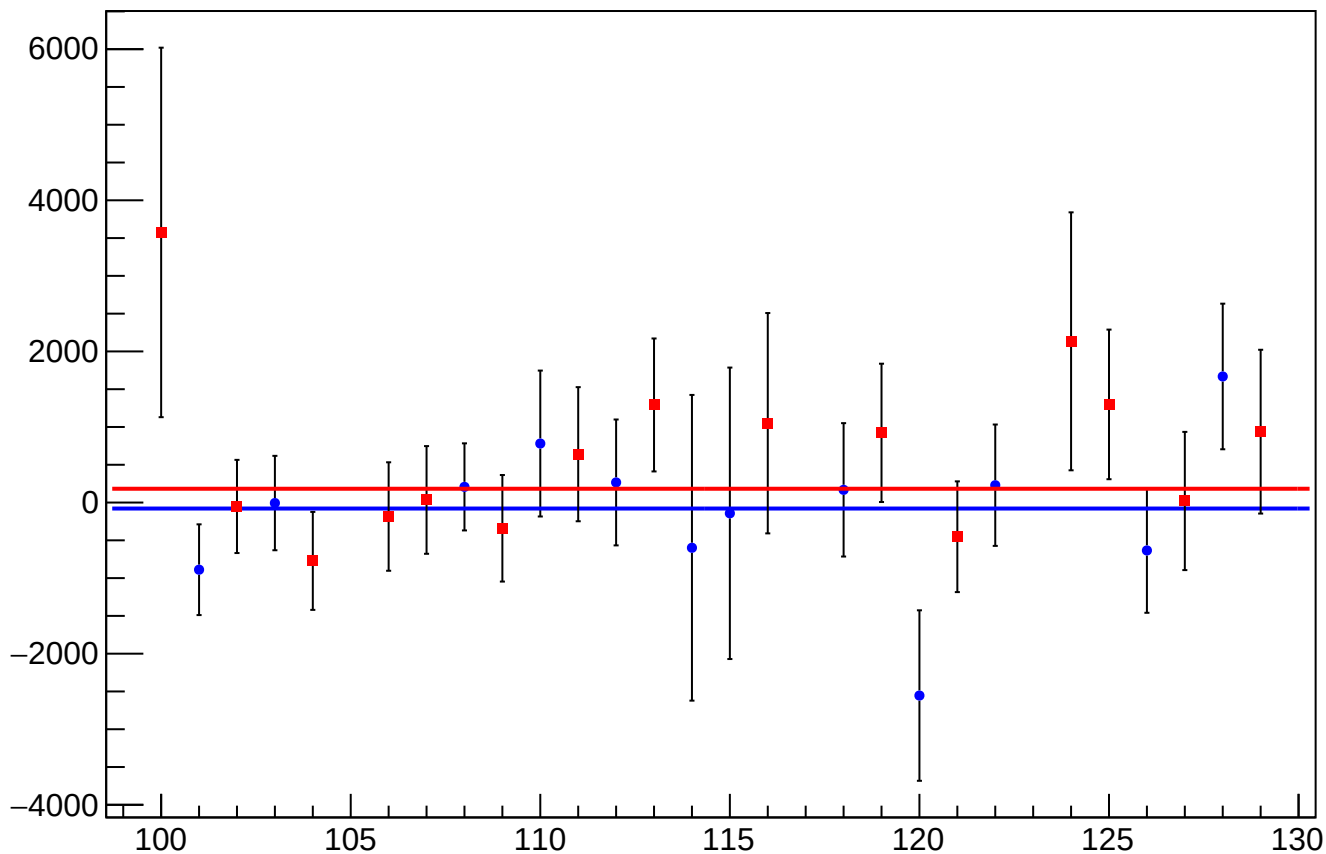
Right: 61.668+/-0.013 χ^2/NDF : 641252.8/26

In: 62.239+/-0.020 χ^2/NDF : 291093.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.668+/-0.013 χ^2/NDF : 641252.8/26

asym_sam_13_57_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -79.258+/-238.770 χ^2/NDF : 11.9/11

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

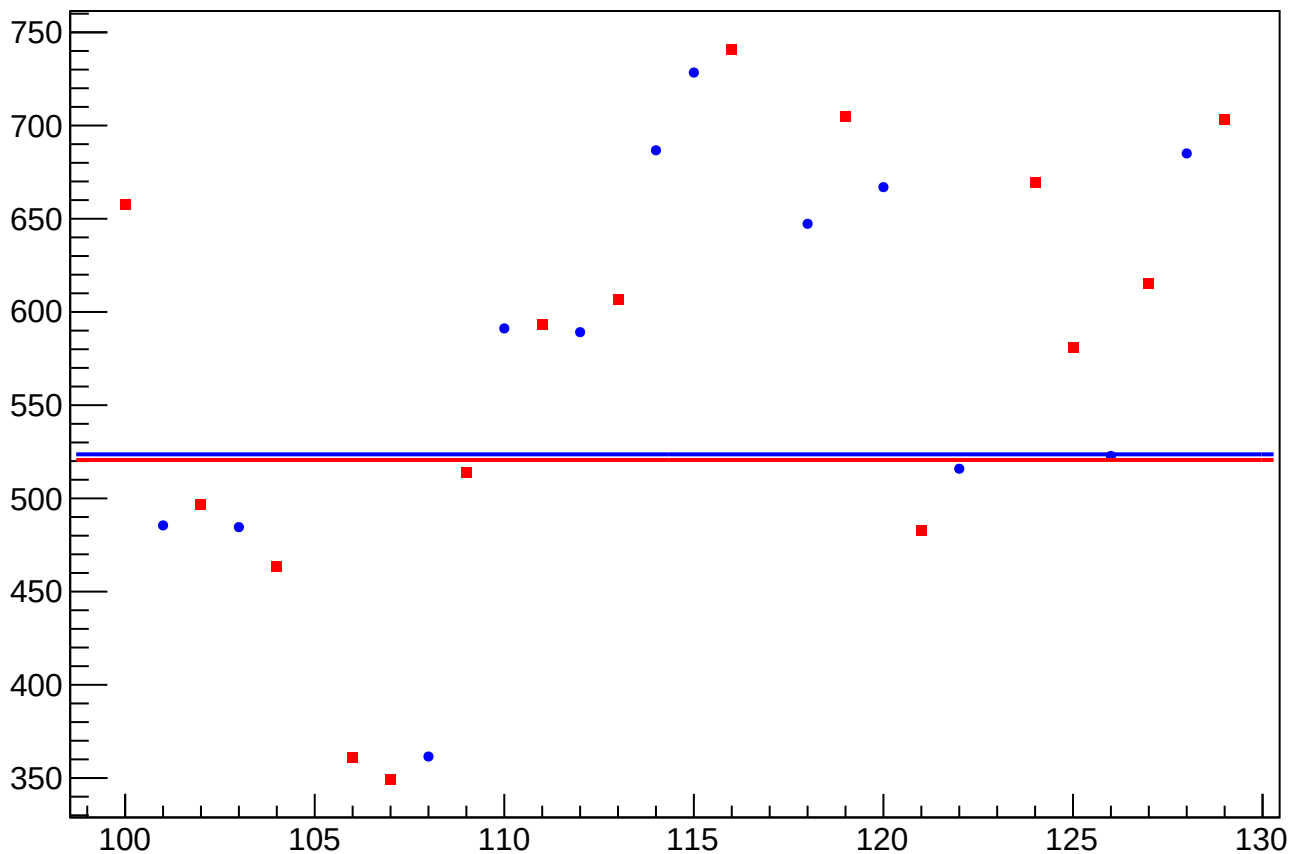
Right: 62.189+/-161.928 χ^2/NDF : 24.3/26

In: -79.258+/-238.770 χ^2/NDF : 11.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.189+/-161.928 χ^2/NDF : 24.3/26

asym_sam_13_57_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 523.629+/-0.169 χ^2/NDF : 359685.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

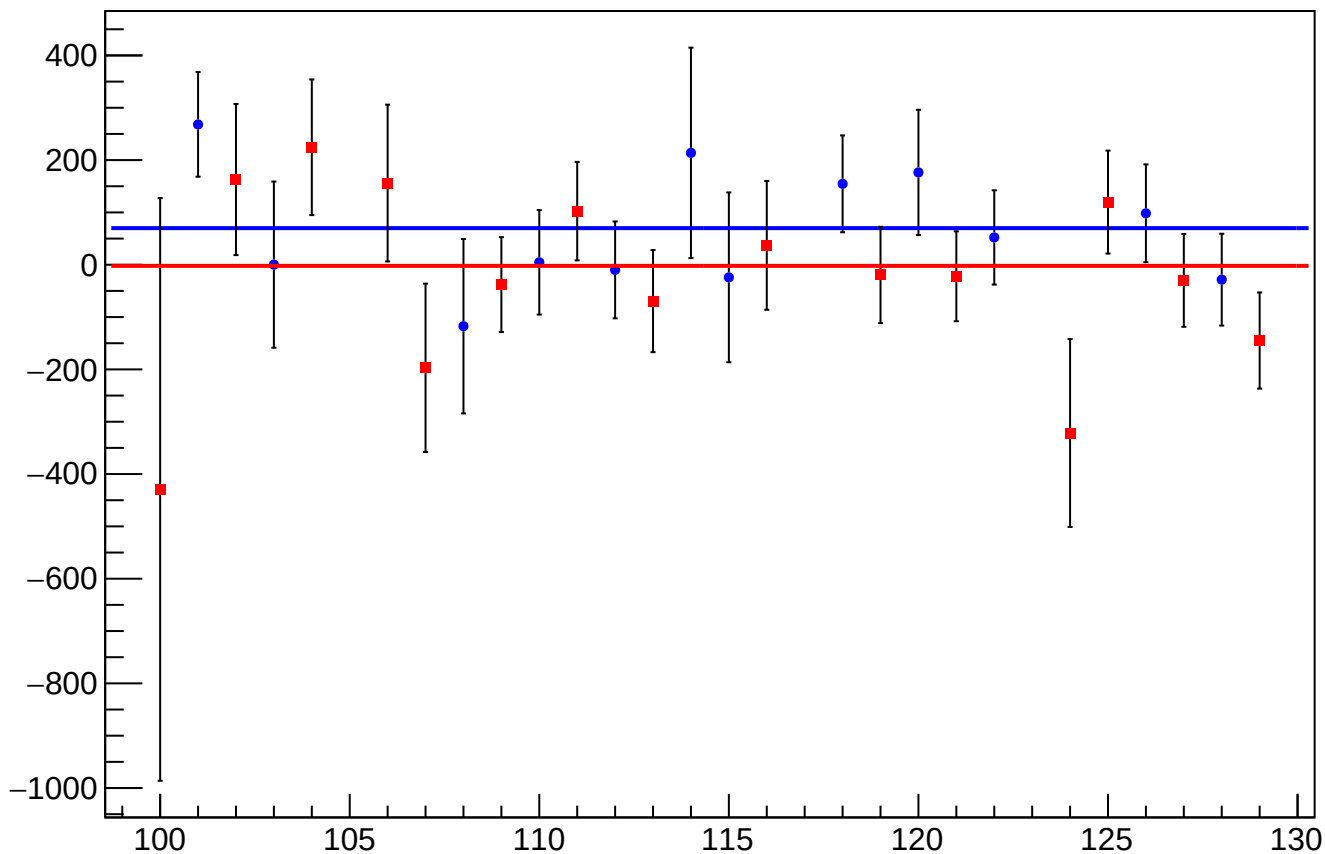
Right: 522.006+/-0.115 χ^2/NDF : 865082.4/26

In: 523.629+/-0.169 χ^2/NDF : 359685.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 522.006+/-0.115 χ^2/NDF : 865082.4/26

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 69.967 $\pm$ 31.476 χ^2 /NDF: 10.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -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

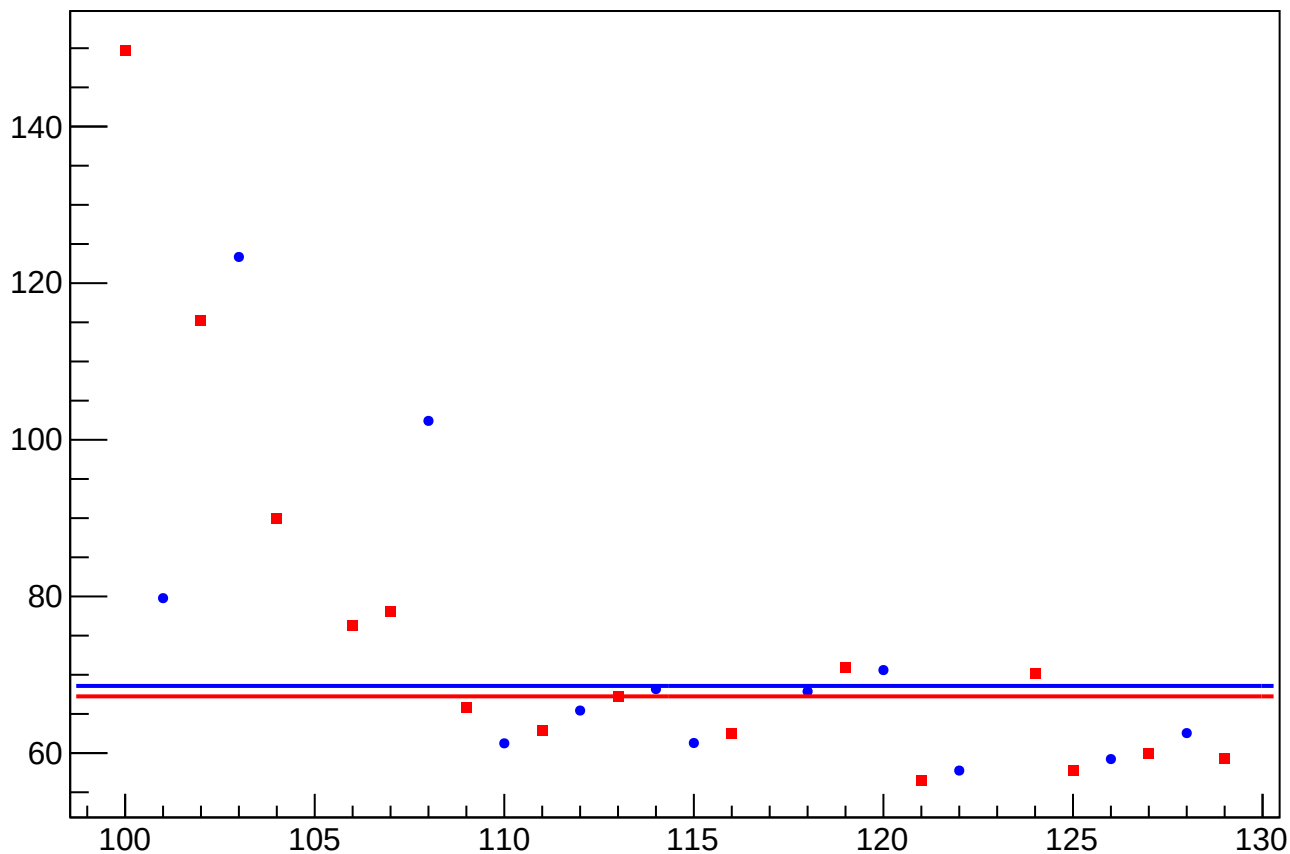
Right: 30.321 $\pm$ 21.118 χ^2 /NDF: 30.1/26

In: 69.967 $\pm$ 31.476 χ^2 /NDF:10.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 30.321 $\pm$ 21.118 χ^2 /NDF: 30.1/26

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 68.577+/-0.022 χ^2/NDF : 421454.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

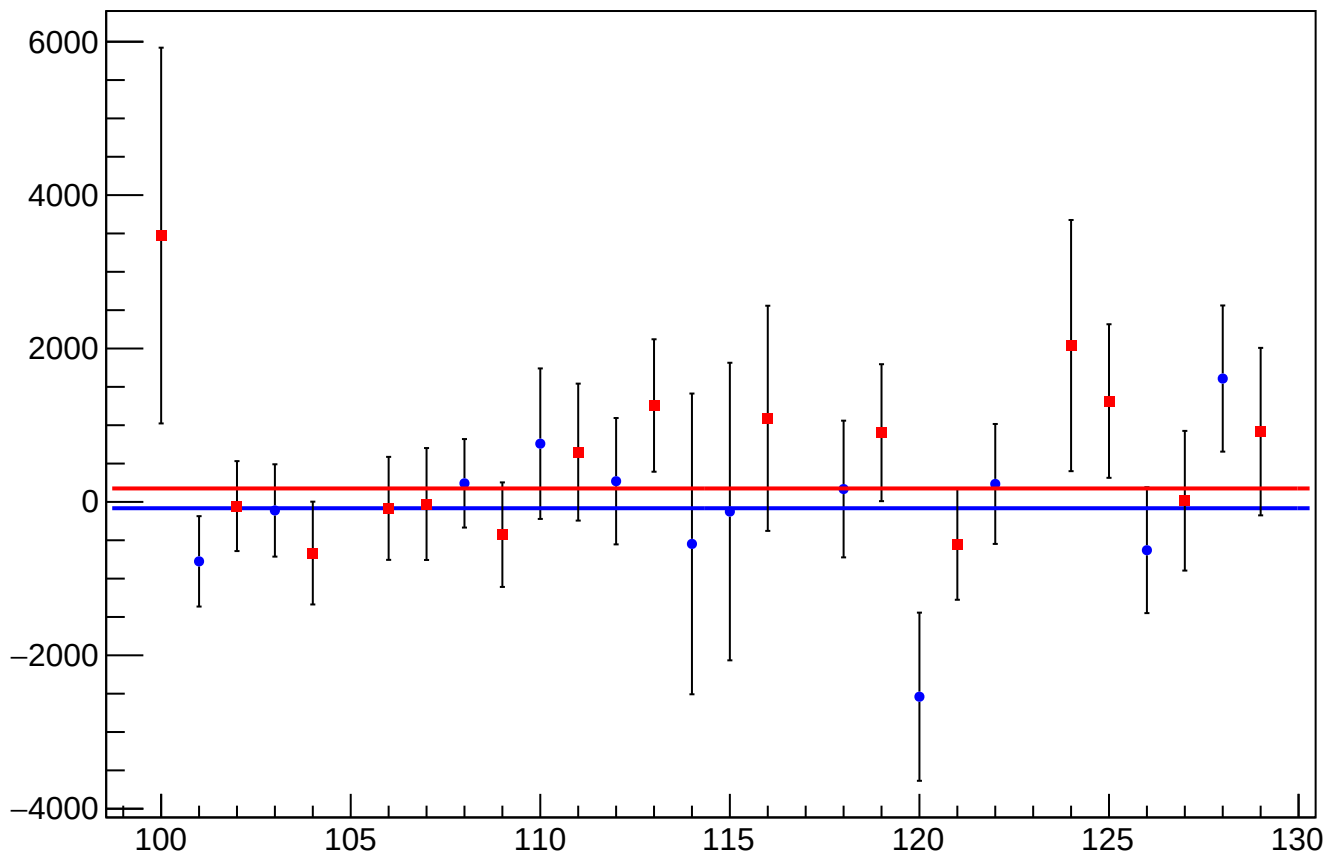
Right: 67.843+/-0.015 χ^2/NDF : 855744.9/26

In: 68.577+/-0.022 χ^2/NDF : 421454.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.843+/-0.015 χ^2/NDF : 855744.9/26

asym_sam_13_57_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -82.356+/-235.735 χ^2/NDF : 11.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

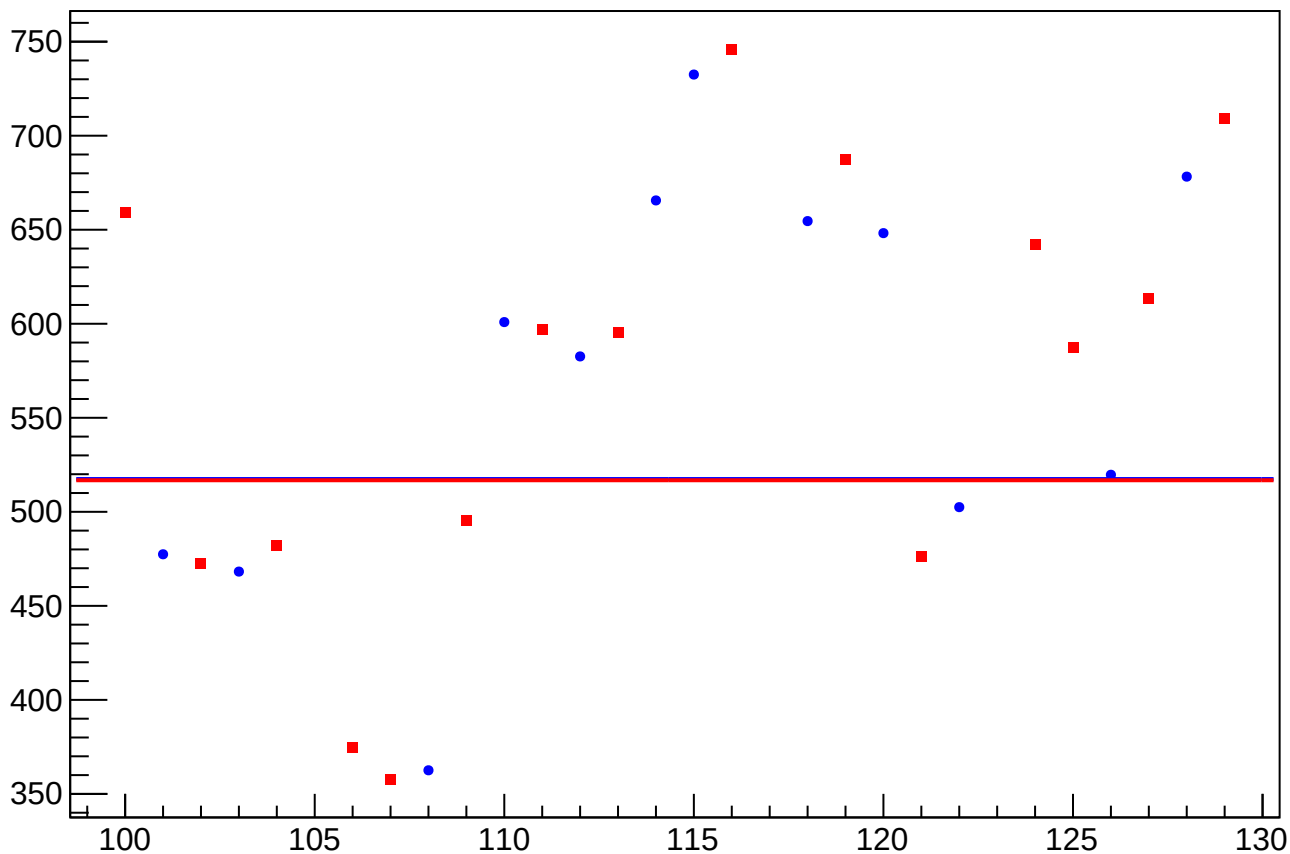
Right: 57.137+/-159.739 χ^2/NDF : 23.7/26

In: -82.356+/-235.735 χ^2/NDF : 11.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.137+/-159.739 χ^2/NDF : 23.7/26

asym_sam_13_57_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 517.425+/-0.167 χ^2/NDF : 363205.8/11

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

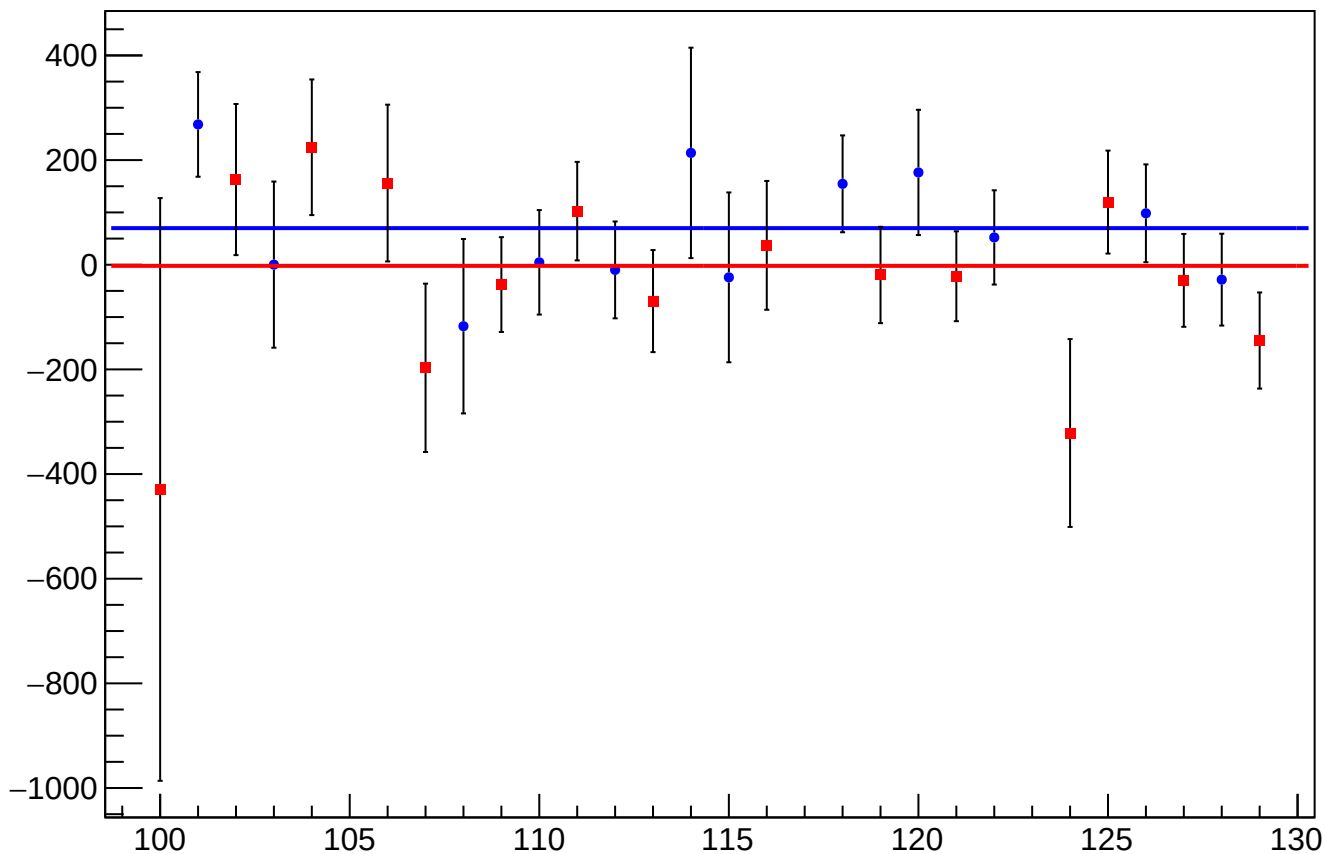
Right: 517.081+/-0.113 χ^2/NDF : 840461.5/26

In: 517.425+/-0.167 χ^2/NDF : 363205.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 517.081+/-0.113 χ^2/NDF : 840461.5/26

eigen_dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 69.968 $\pm$ 31.476 χ^2 /NDF: 10.4/11

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

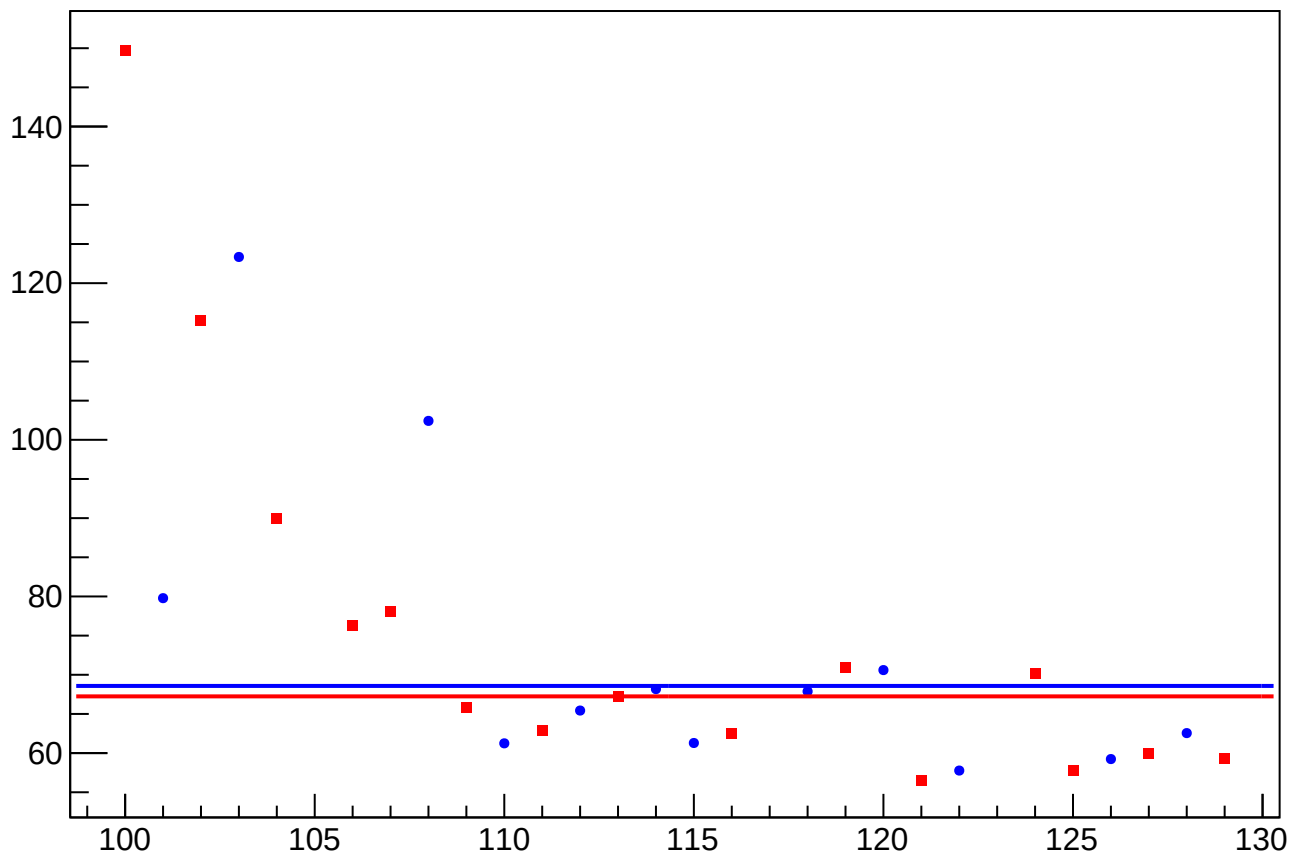
Right: 30.321 $\pm$ 21.118 χ^2 /NDF: 30.1/26

In: 69.968 $\pm$ 31.476 χ^2 /NDF:10.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 30.321 $\pm$ 21.118 χ^2 /NDF: 30.1/26

eigen_dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 68.577+/-0.022 χ^2/NDF : 421457.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

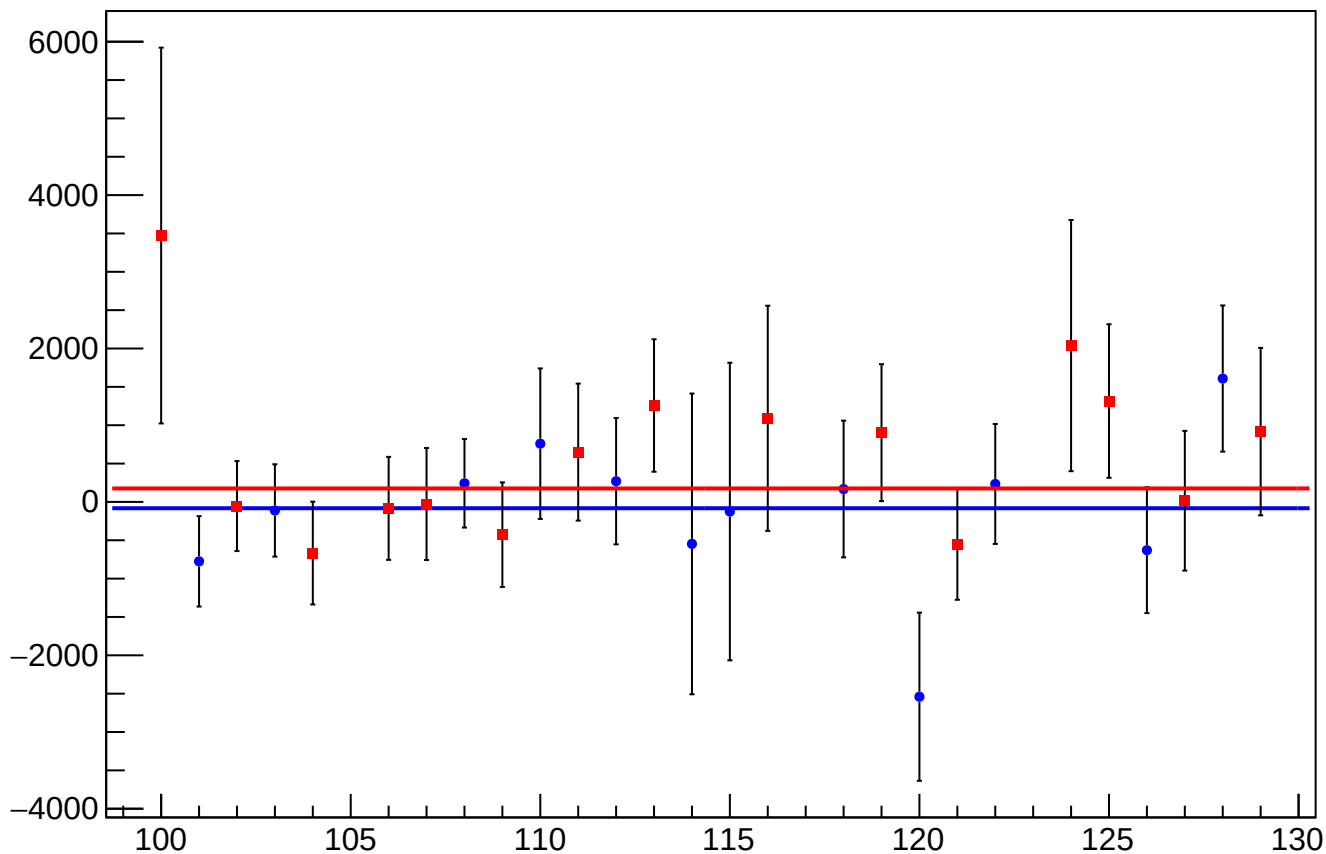
Right: 67.843+/-0.015 χ^2/NDF : 855748.7/26

In: 68.577+/-0.022 χ^2/NDF : 421457.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.843+/-0.015 χ^2/NDF : 855748.7/26

asym_sam_13_57_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -82.355+/-235.734 χ^2/NDF : 11.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 175.568+/-217.210 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

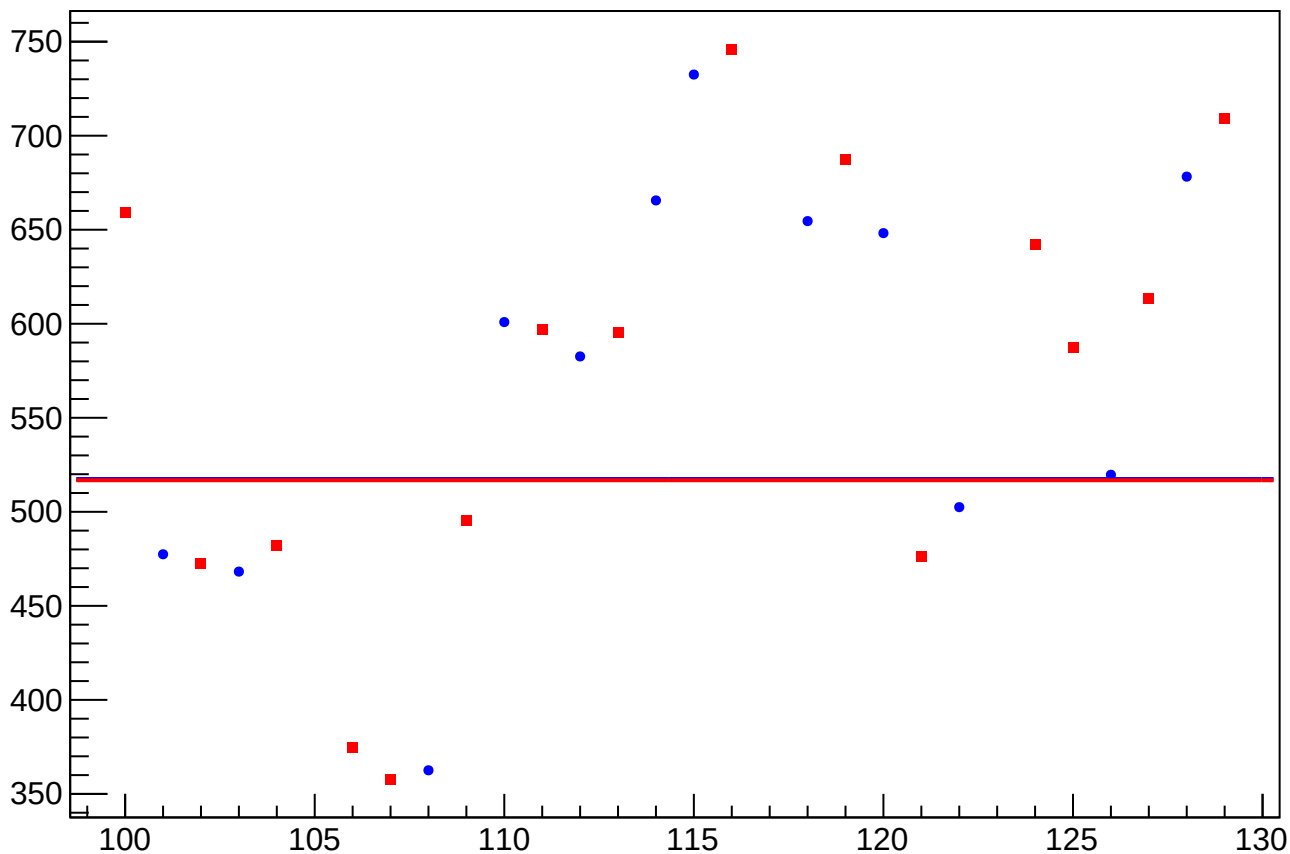
Right: 57.137+/-159.739 χ^2/NDF : 23.7/26

In: -82.355+/-235.734 χ^2/NDF : 11.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.137+/-159.739 χ^2/NDF : 23.7/26

asym_sam_13_57_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 517.424+/-0.167 χ^2/NDF : 363209.6/11

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

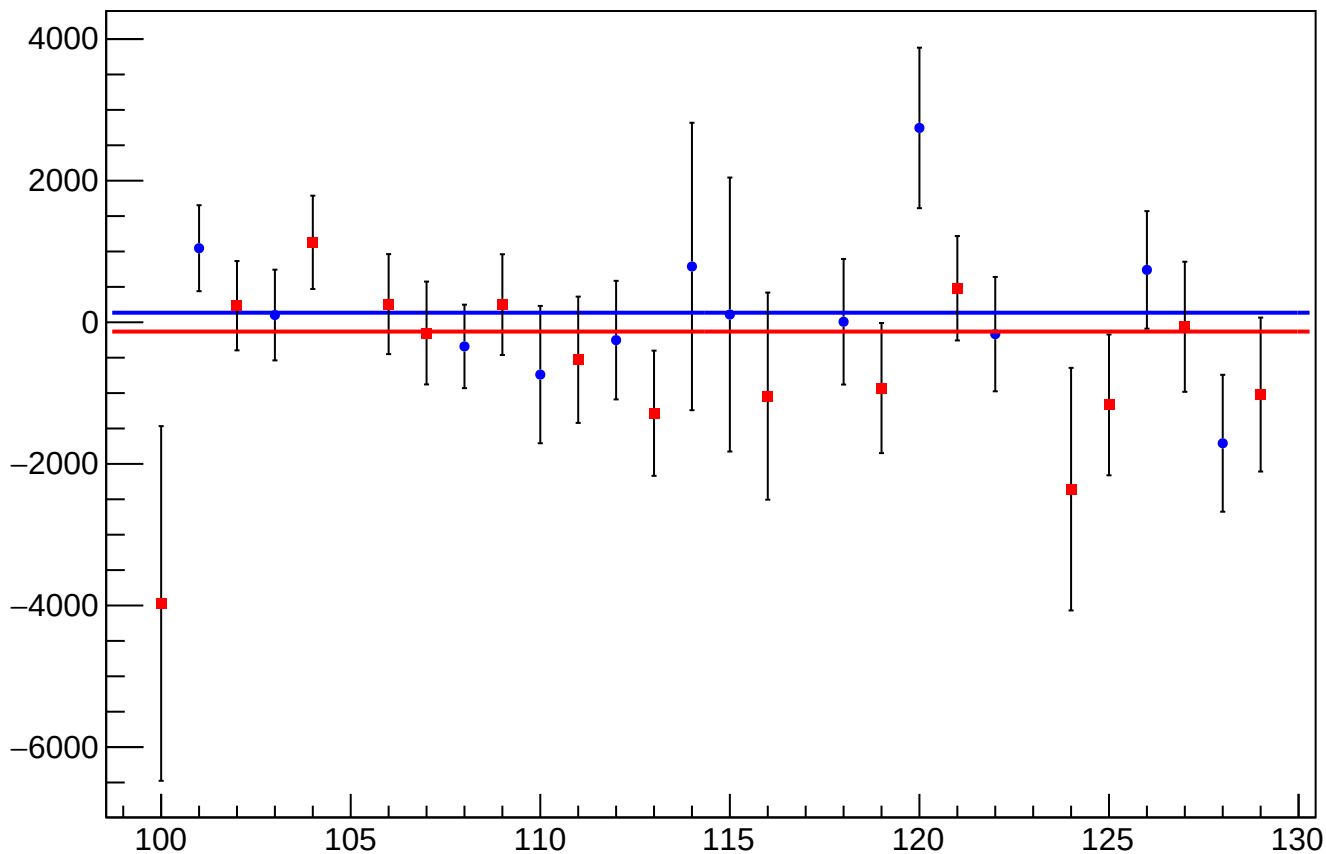
Right: 517.080+/-0.113 χ^2/NDF : 840467.0/26

In: 517.424+/-0.167 χ^2/NDF : 363209.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 517.080+/-0.113 χ^2/NDF : 840467.0/26

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 135.352 $\pm$ 241.599 χ^2 /NDF: 13.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -131.006 $\pm$ 222.158 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

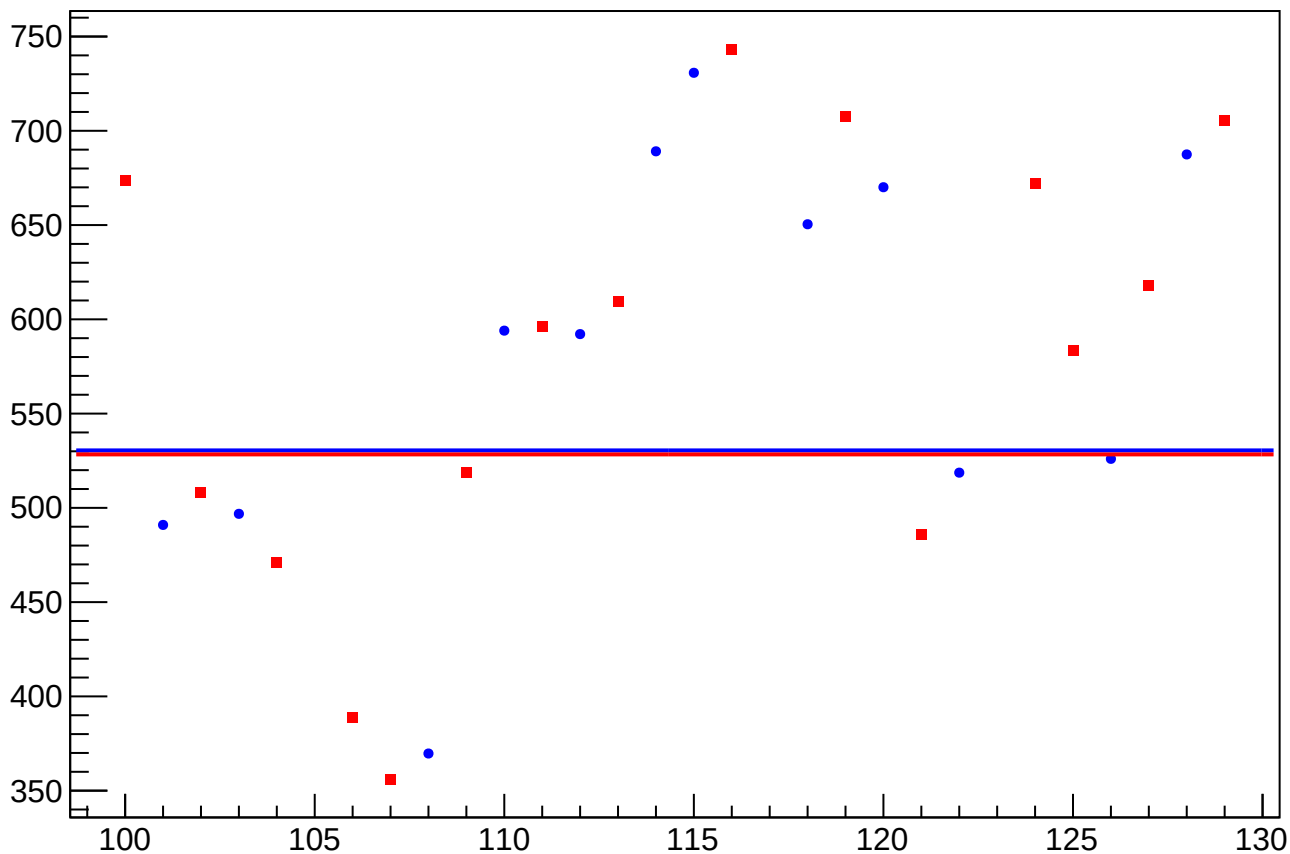
Right: -8.974 $\pm$ 163.531 χ^2 /NDF: 28.4/26

In: 135.352 $\pm$ 241.599 χ^2 /NDF:13.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -8.974 $\pm$ 163.531 χ^2 /NDF: 28.4/26

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 530.473+/-0.171 χ^2/NDF : 336061.1/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

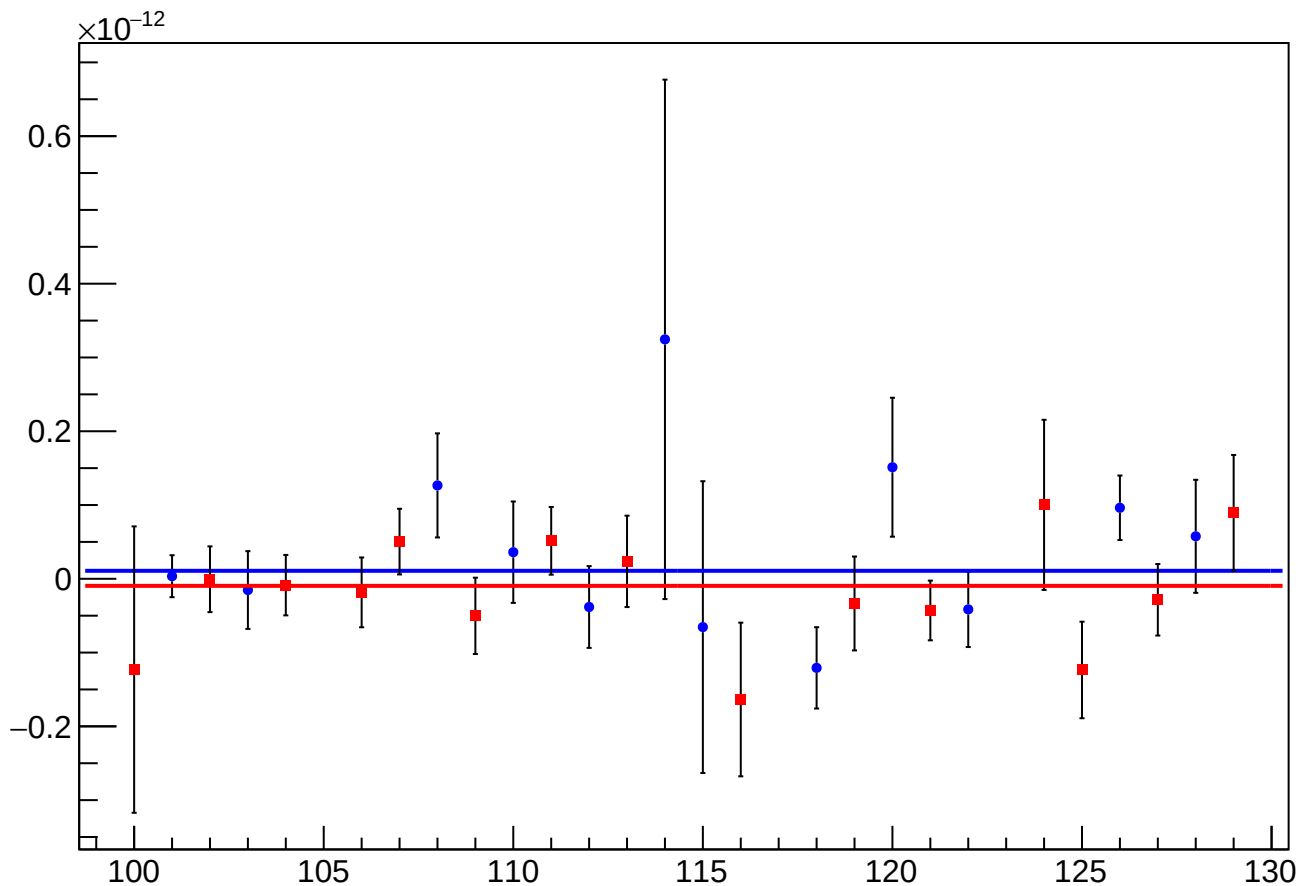
Right: 529.327+/-0.116 χ^2/NDF : 798075.8/26

In: 530.473+/-0.171 χ^2/NDF :336061.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 529.327+/-0.116 χ^2/NDF : 798075.8/26

asym_sam_13_57_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 18.0/11

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

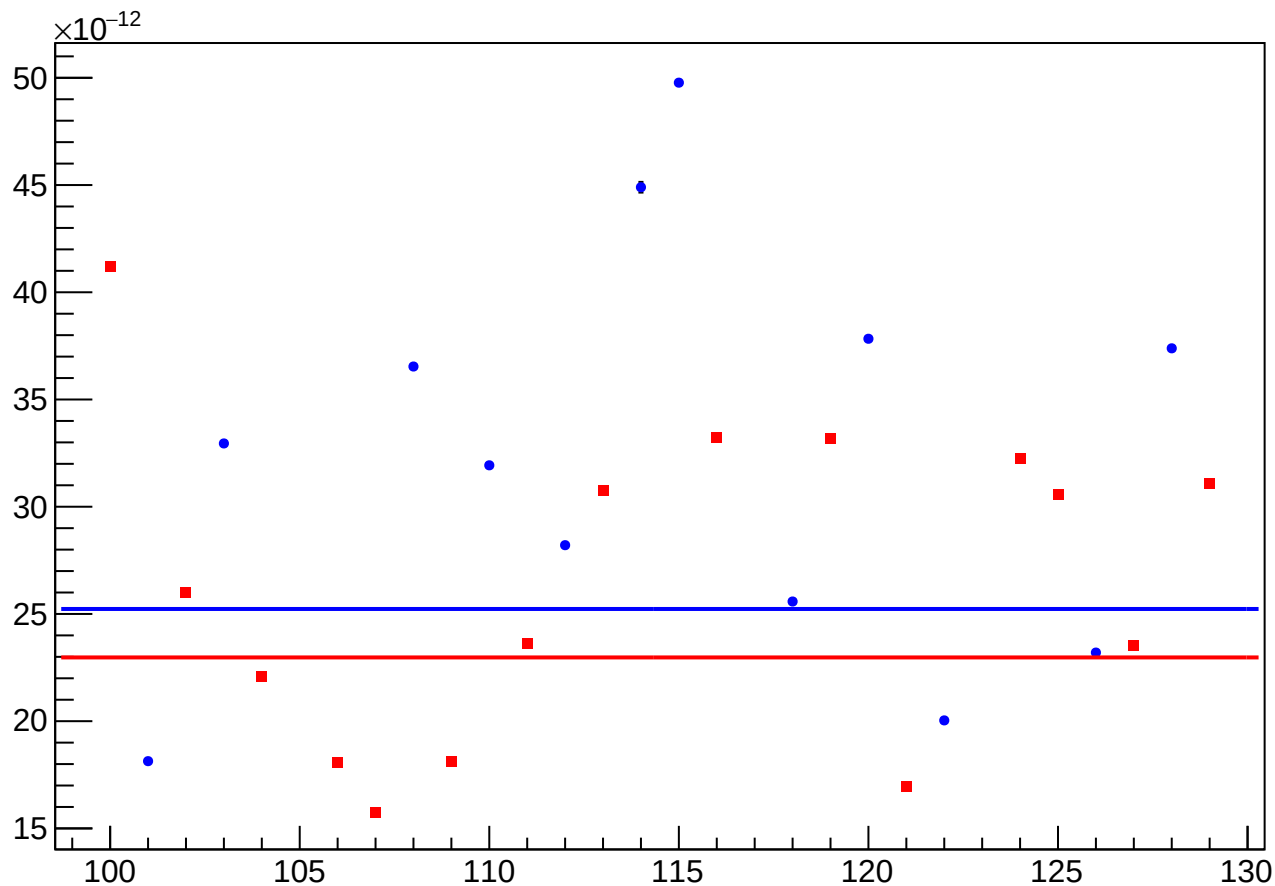
Right: -0.000+/-0.000 χ^2/NDF : 32.5/26

In: 0.000+/-0.000 χ^2/NDF : 18.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.5/26

asym_sam_13_57_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 391807.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

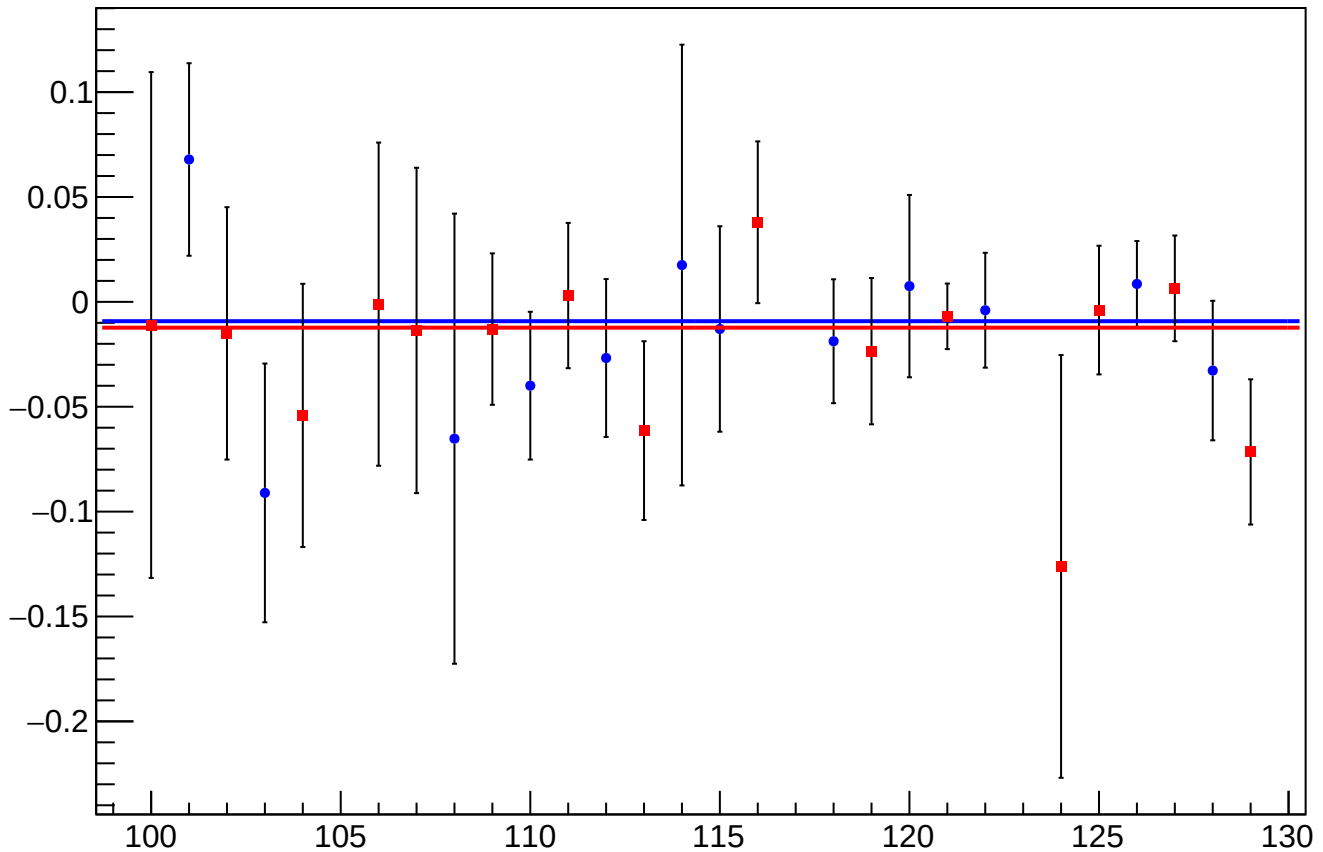
Right: 0.000+/-0.000 χ^2/NDF : 742893.1/26

In: 0.000+/-0.000 χ^2/NDF : 391807.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 742893.1/26

asym_sam_13_57_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009 ± 0.010 $\chi^2/\text{NDF}: 7.5/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.012 ± 0.009 $\chi^2/\text{NDF}: 8.7/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

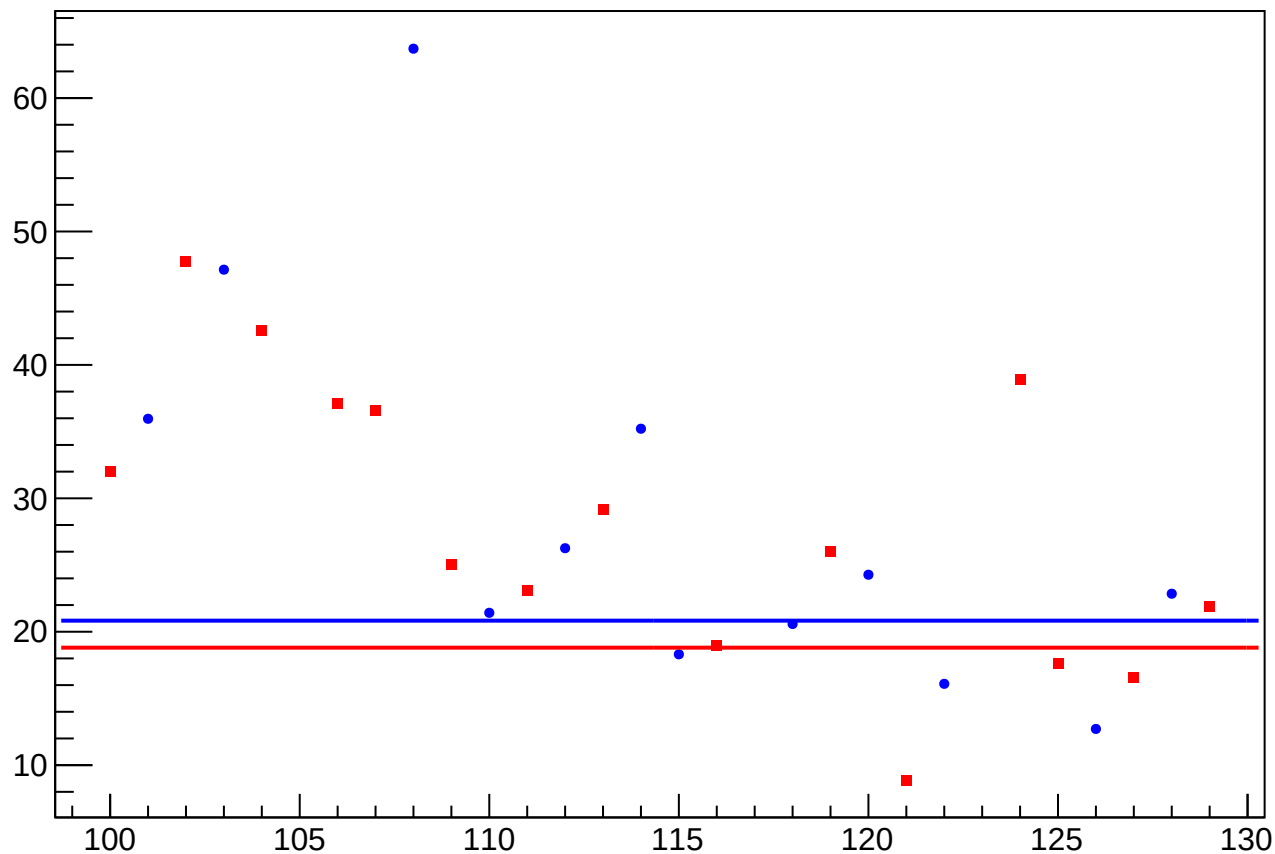
Right: -0.011 ± 0.007 $\chi^2/\text{NDF}: 16.2/26$

In: -0.009 ± 0.010 $\chi^2/\text{NDF}: 7.5/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.011 ± 0.007 $\chi^2/\text{NDF}: 16.2/26$

asym_sam_13_57_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.831+/-0.007 χ^2/NDF : 1380830.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.807+/-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

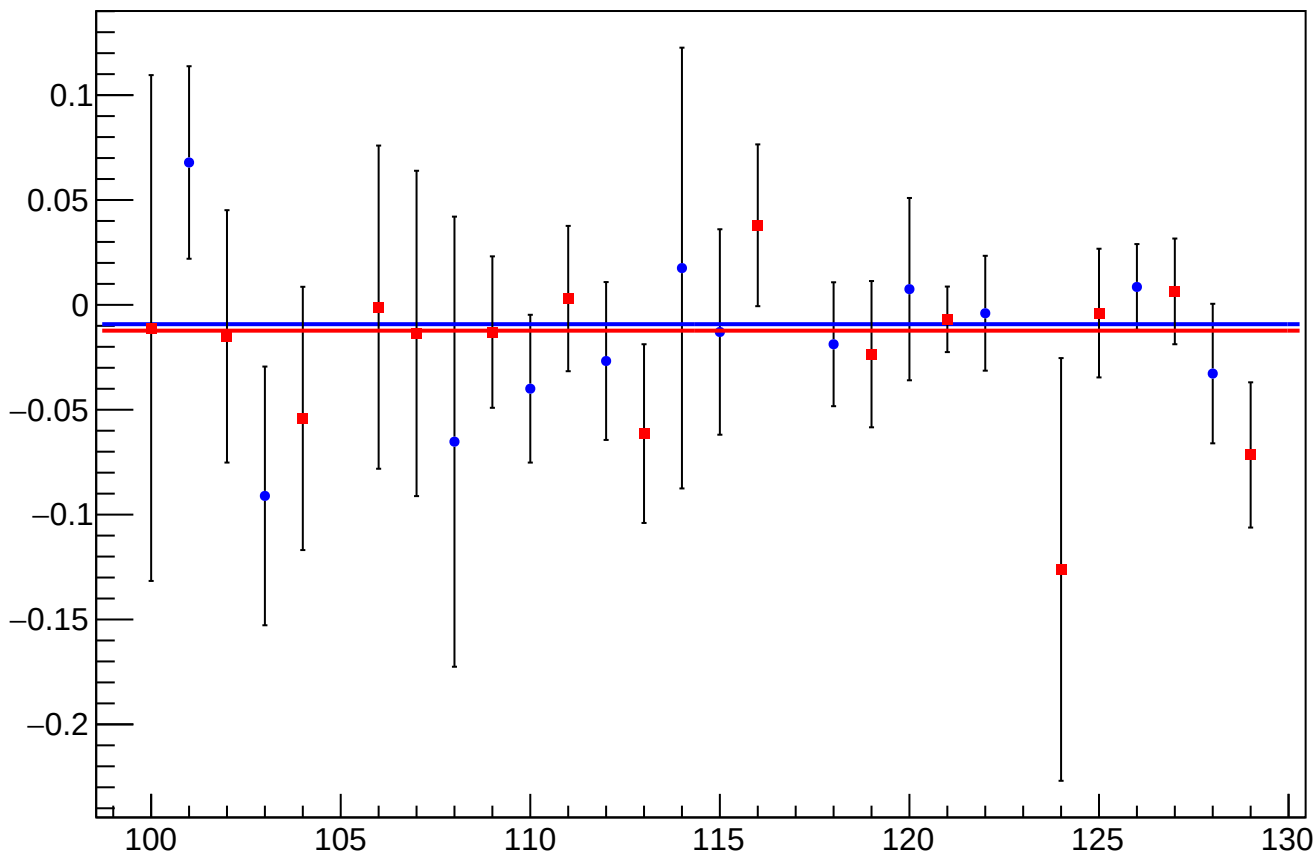
Right: 19.672+/-0.005 χ^2/NDF : 3637474.8/26

In: 20.831+/-0.007 χ^2/NDF : 1380830.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.672+/-0.005 χ^2/NDF : 3637474.8/26

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009 ± 0.010 χ^2/NDF : 7.5/11

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

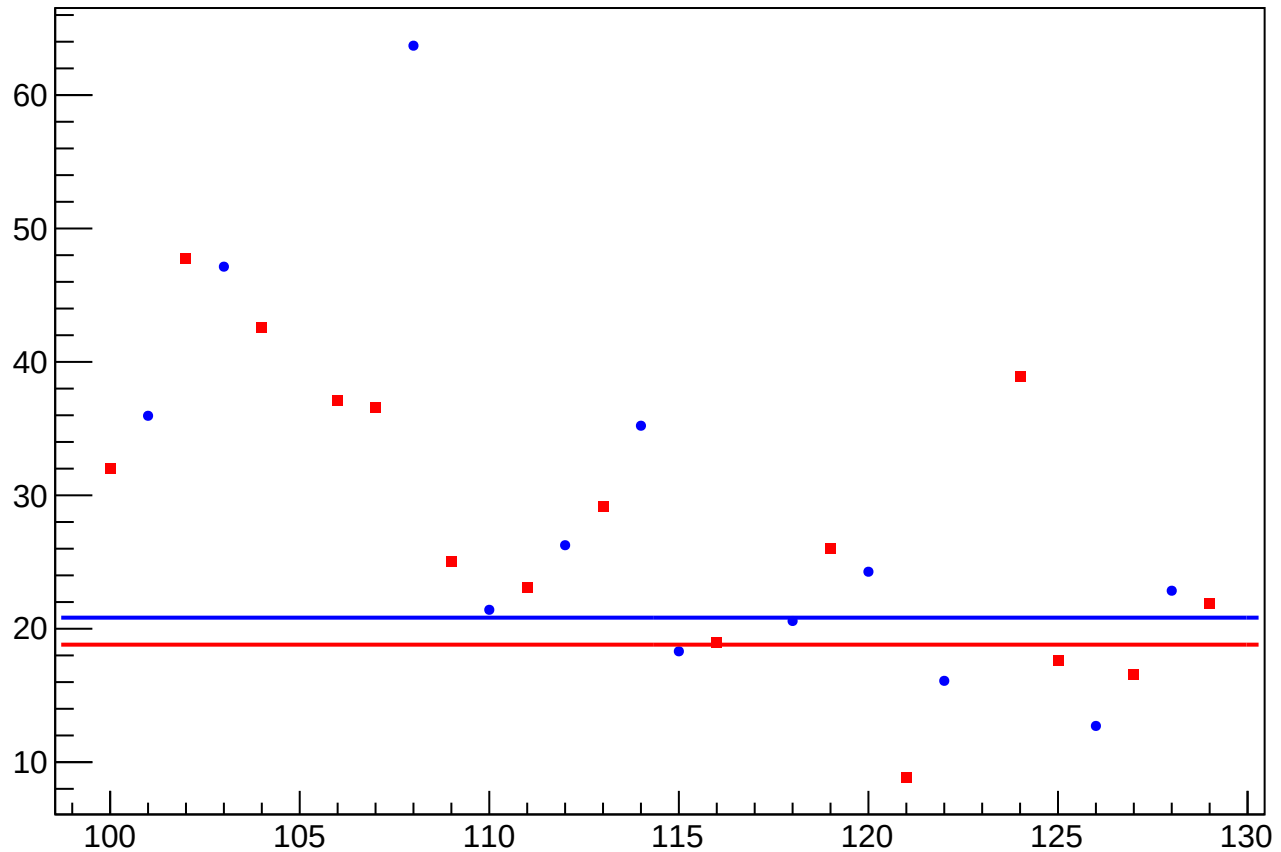
Right: -0.011 ± 0.007 χ^2/NDF : 16.2/26

In: -0.009 ± 0.010 χ^2/NDF : 7.5/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.007 χ^2/NDF : 16.2/26

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.831+/-0.007 χ^2/NDF : 1380830.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.807+/-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

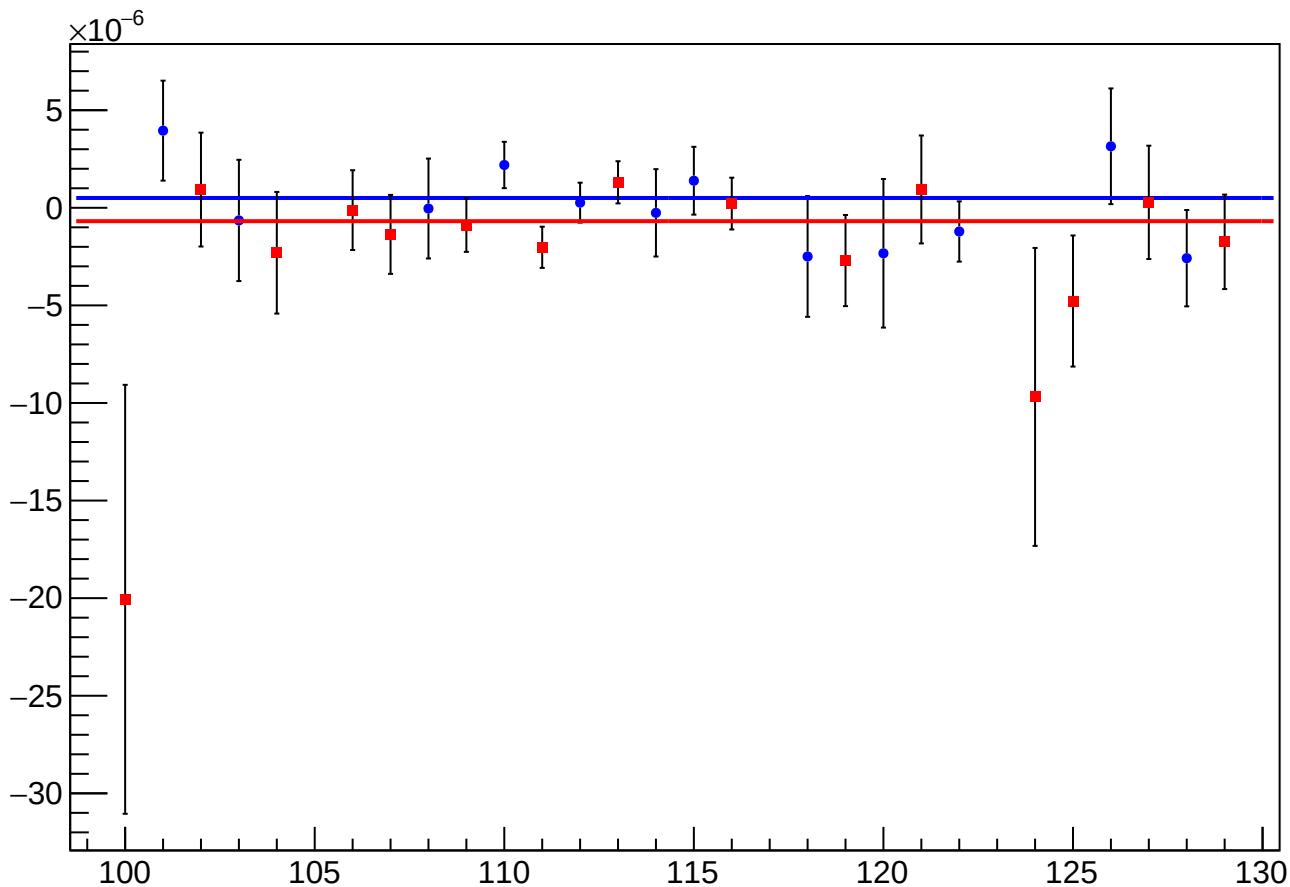
Right: 19.672+/-0.005 χ^2/NDF : 3637474.8/26

In: 20.831+/-0.007 χ^2/NDF : 1380830.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.672+/-0.005 χ^2/NDF : 3637474.8/26

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.5/11

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

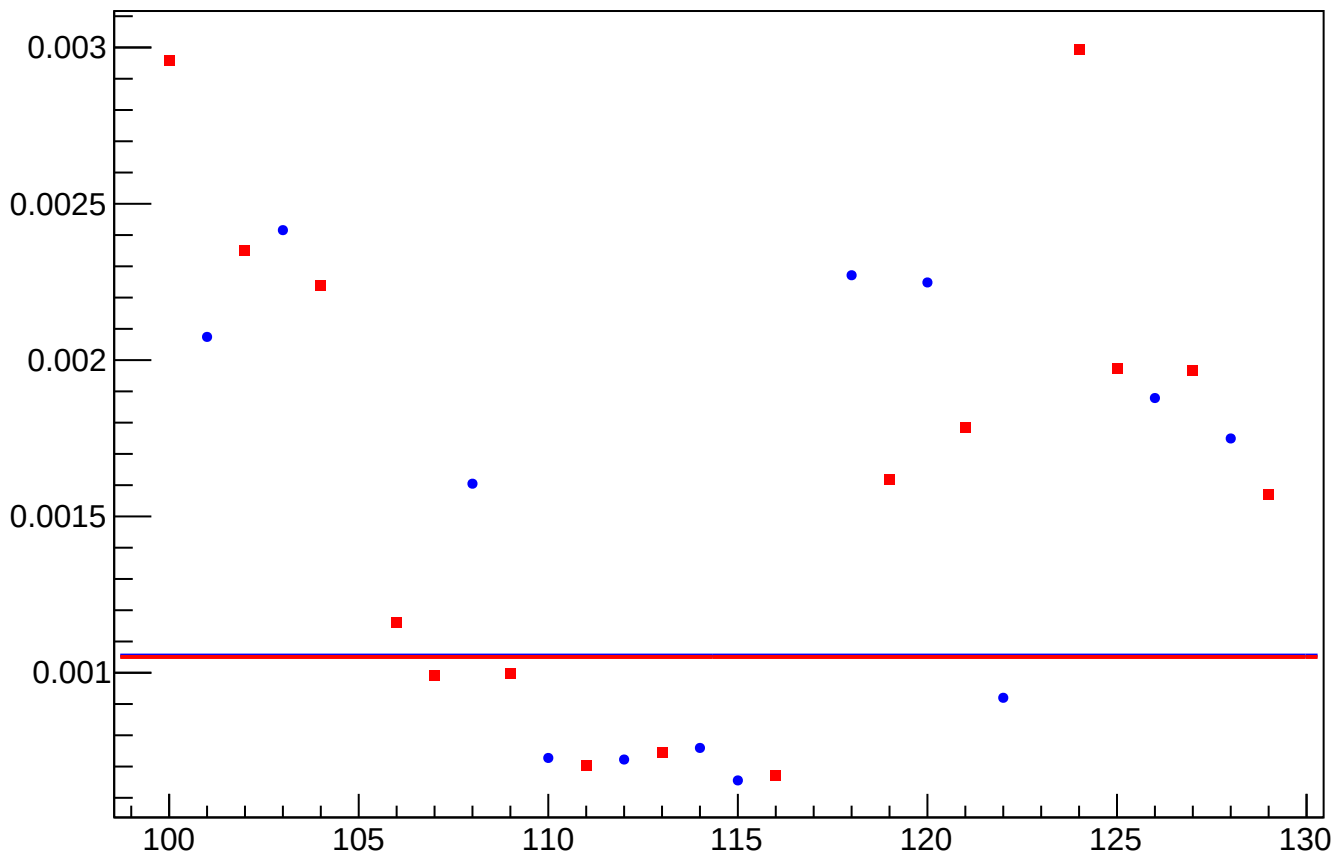
Right: -0.000+/-0.000 χ^2/NDF : 25.9/26

In: 0.000+/-0.000 χ^2/NDF : 9.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.9/26

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2131040.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 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

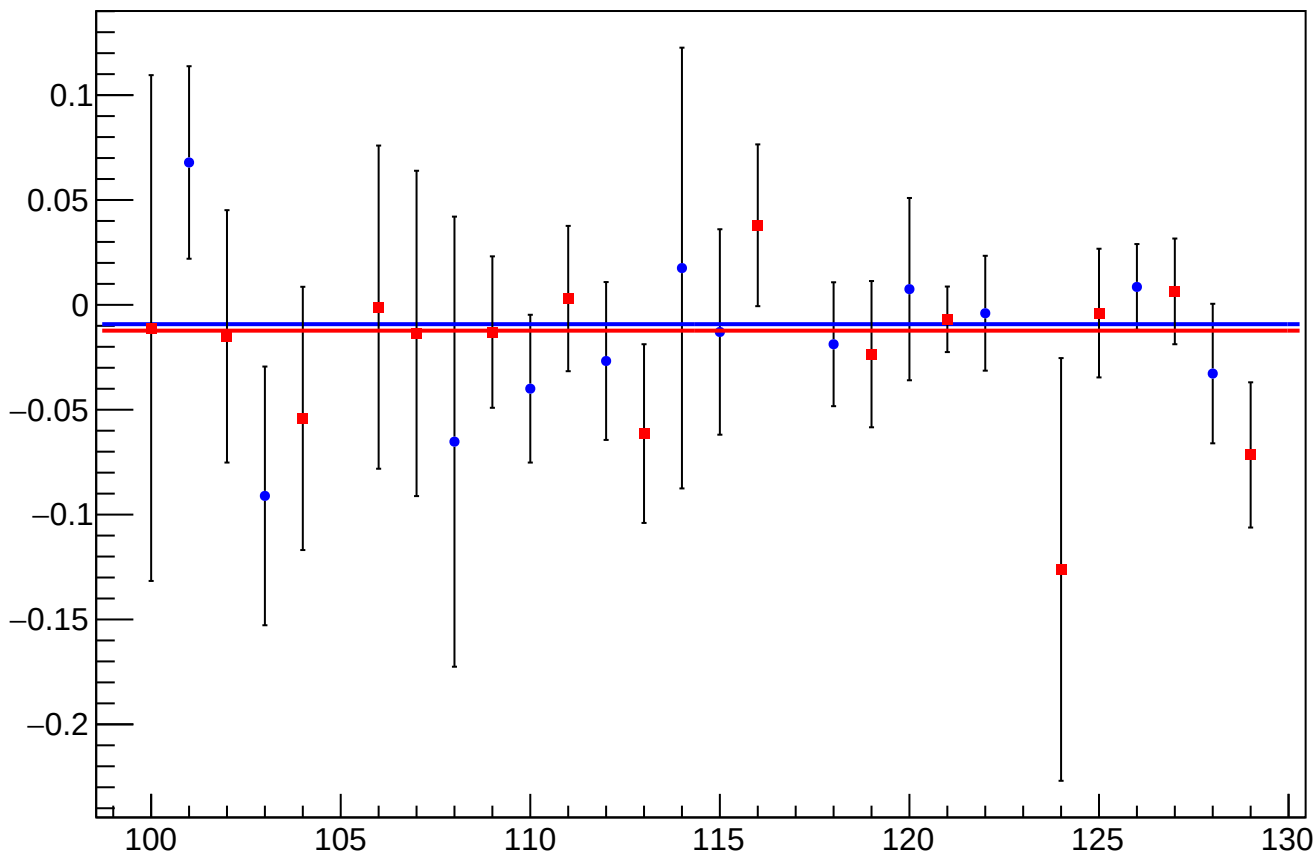
Right: 0.001+/-0.000 χ^2/NDF : 4256908.1/26

In: 0.001+/-0.000 χ^2/NDF : 2131040.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4256908.1/26

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009 ± 0.010 χ^2/NDF : 7.5/11

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

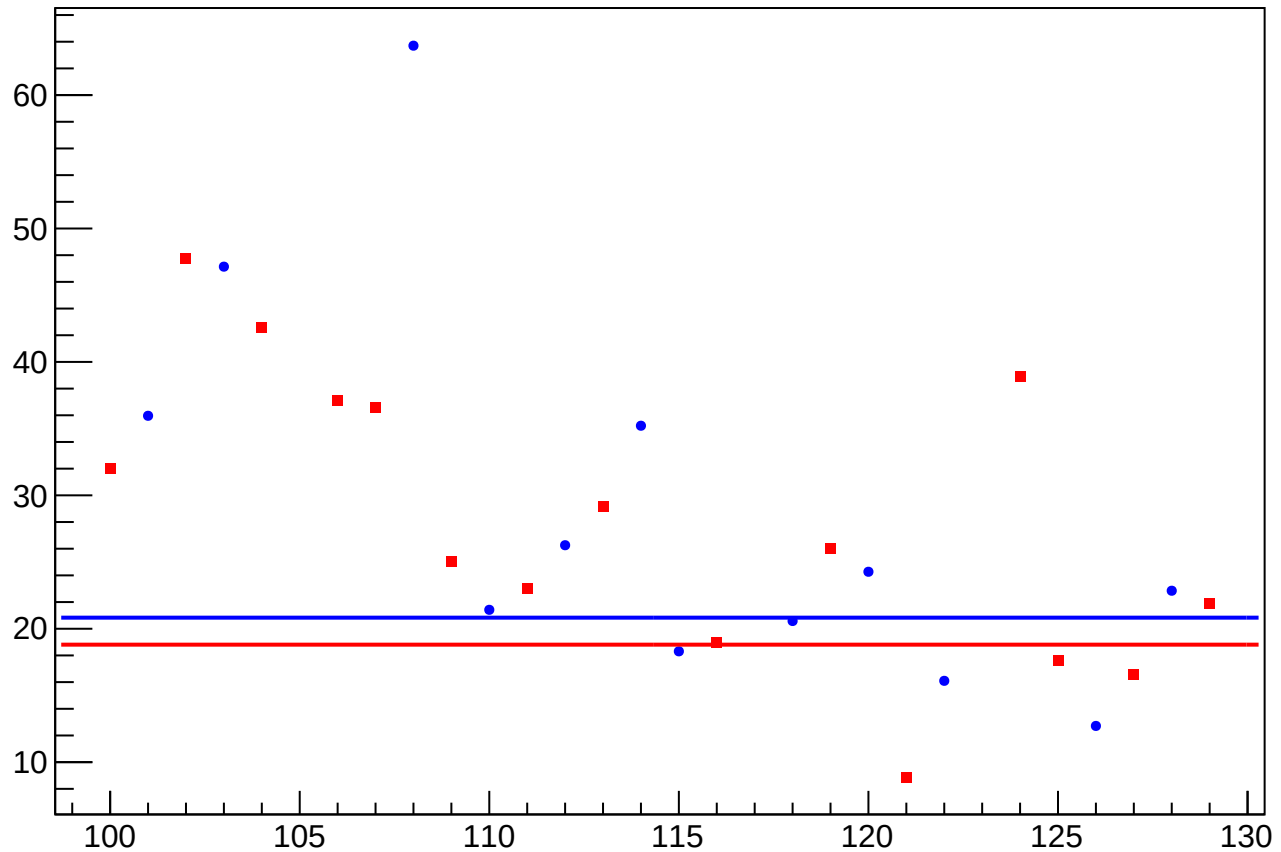
Right: -0.011 ± 0.007 χ^2/NDF : 16.2/26

In: -0.009 ± 0.010 χ^2/NDF : 7.5/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.007 χ^2/NDF : 16.2/26

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.832 $\pm$ 0.007 χ^2 /NDF: 1380682.0/11

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

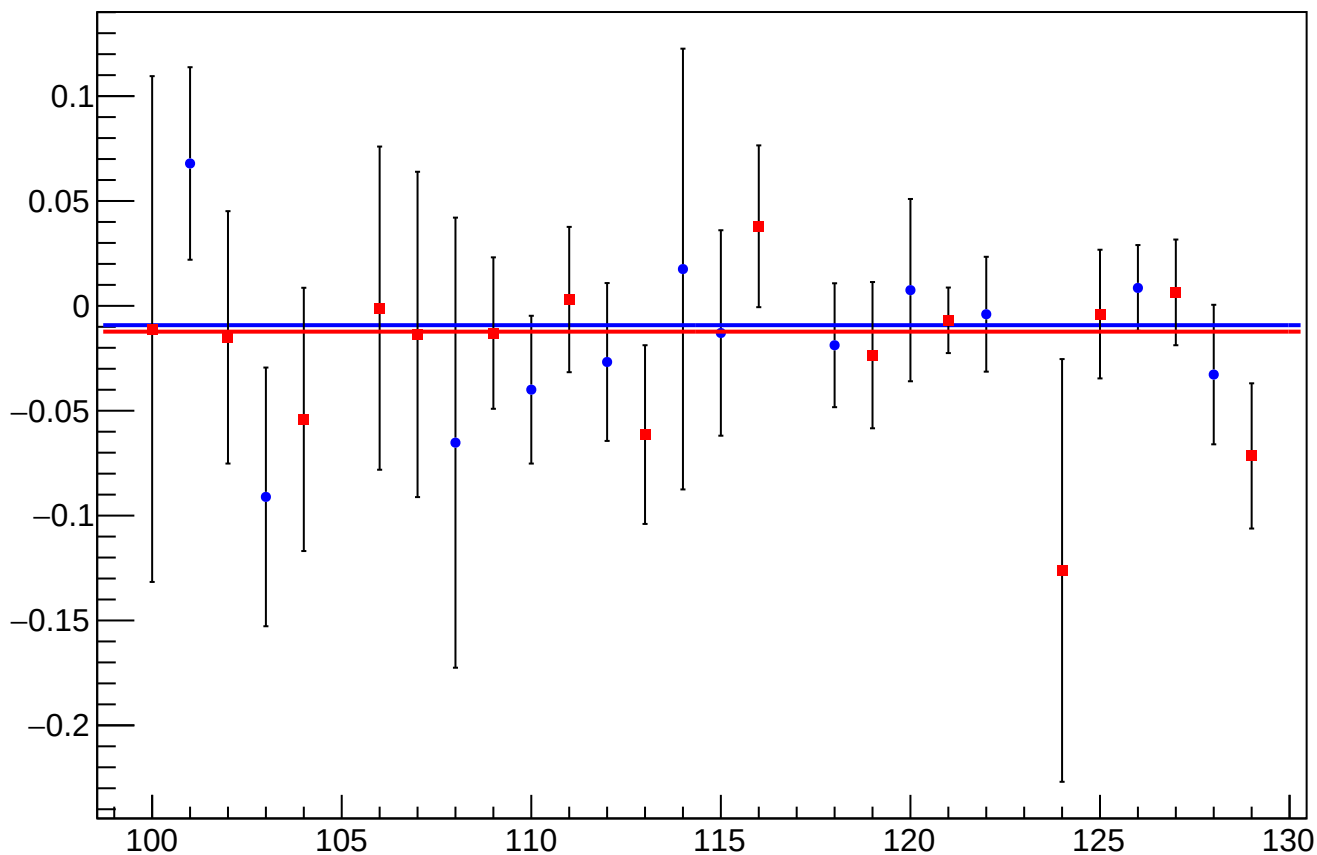
Right: 19.673 $\pm$ 0.005 χ^2 /NDF: 3636996.2/26

In: 20.832 $\pm$ 0.007 χ^2 /NDF: 1380682.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.673 $\pm$ 0.005 χ^2 /NDF: 3636996.2/26

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009 ± 0.010 χ^2/NDF : 7.5/11

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

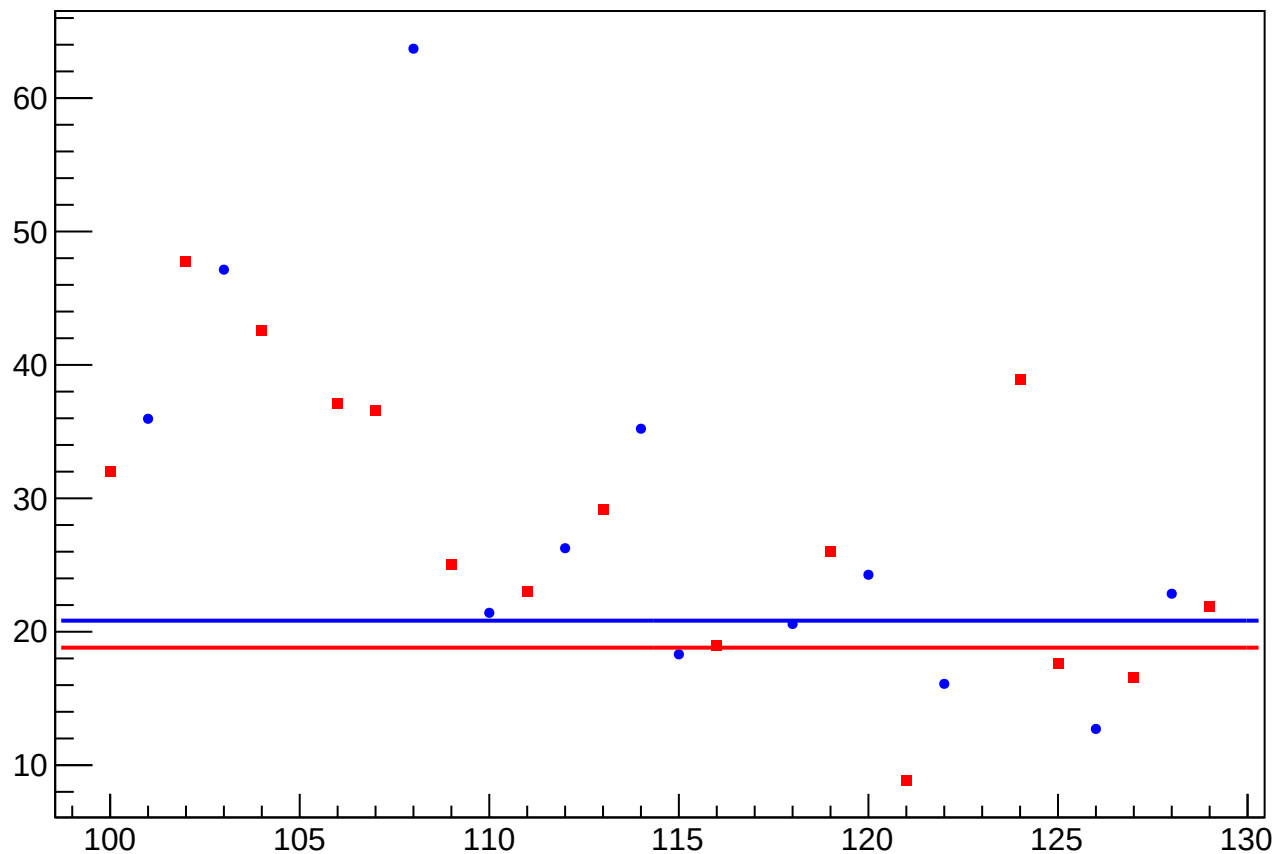
Right: -0.011 ± 0.007 χ^2/NDF : 16.2/26

In: -0.009 ± 0.010 χ^2/NDF : 7.5/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.007 χ^2/NDF : 16.2/26

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.832 $\pm$ 0.007 χ^2 /NDF: 1380682.0/11

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

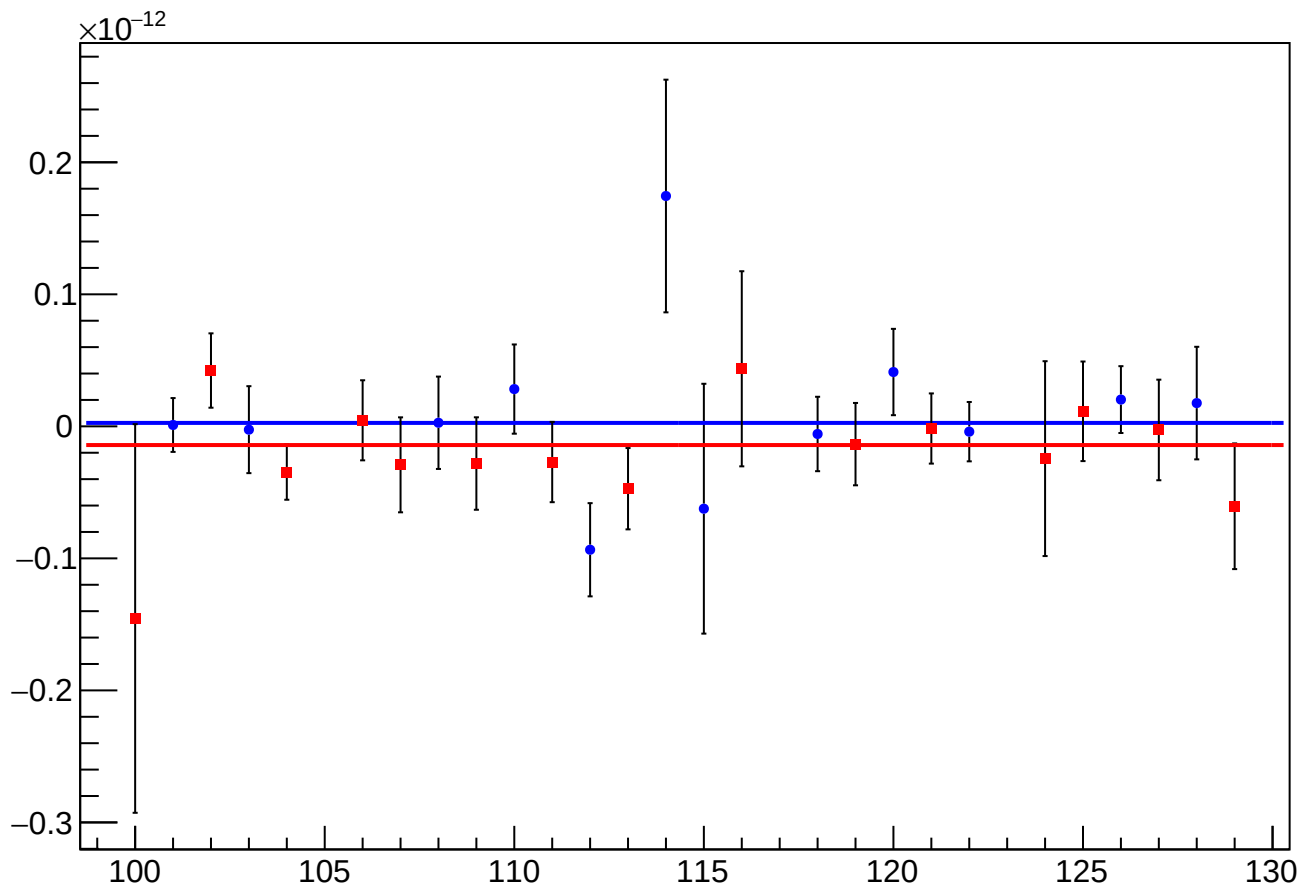
Right: 19.673 $\pm$ 0.005 χ^2 /NDF: 3636996.2/26

In: 20.832 $\pm$ 0.007 χ^2 /NDF:1380682.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 19.673 $\pm$ 0.005 χ^2 /NDF: 3636996.2/26

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 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

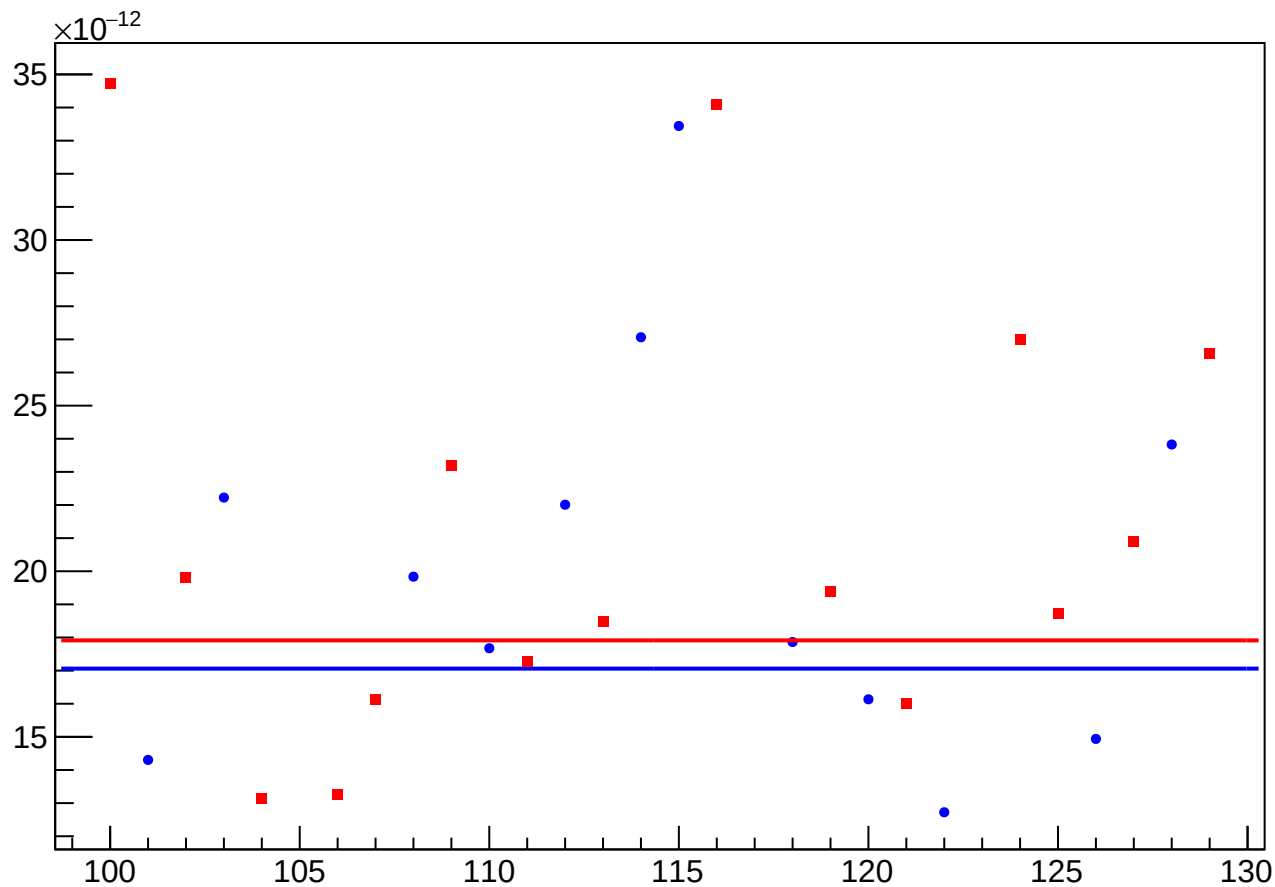
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 26.4/26

In: 0.000 $\pm$ 0.000 χ^2 /NDF:14.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 26.4/26

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 366090.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

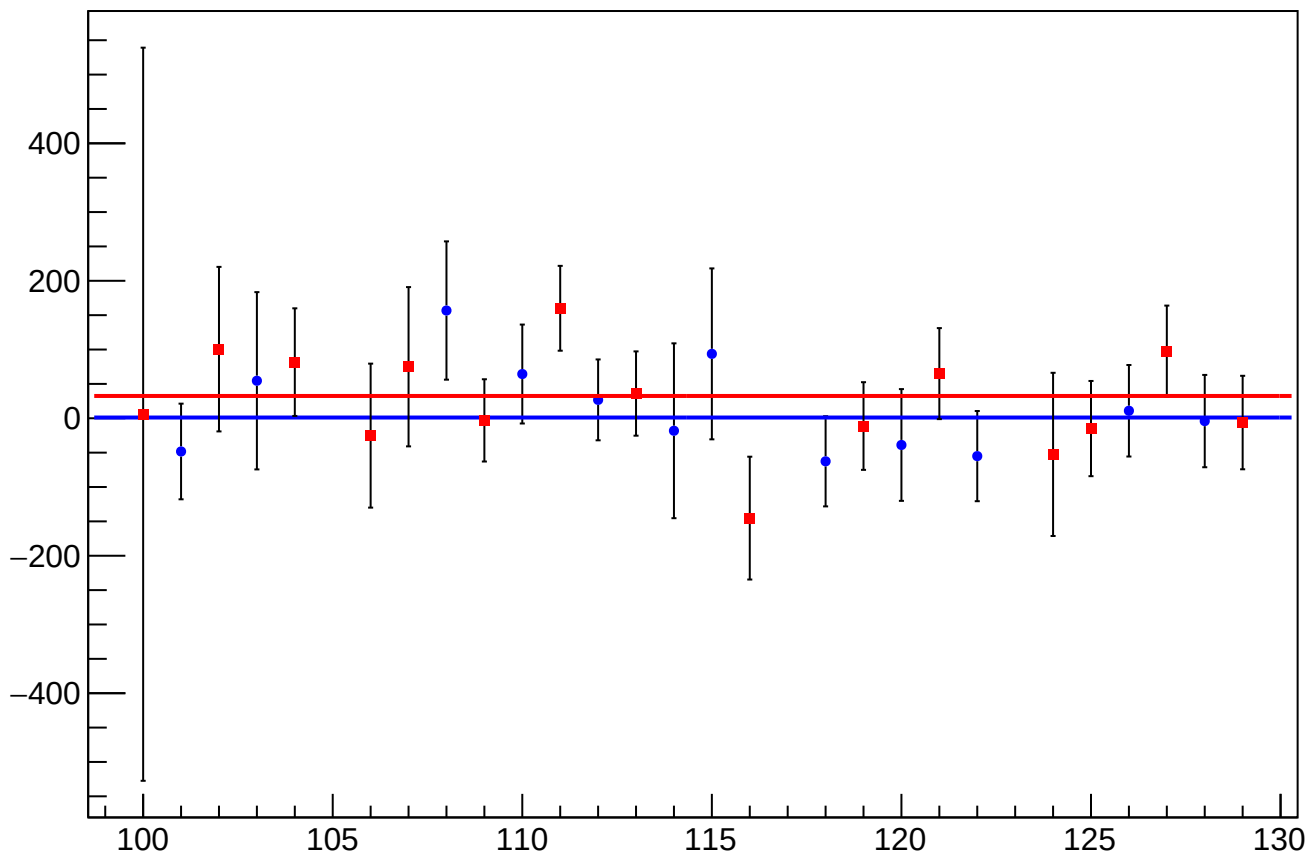
Right: 0.000+/-0.000 χ^2/NDF : 833201.5/26

In: 0.000+/-0.000 χ^2/NDF : 366090.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 833201.5/26

reg_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 1.090 $\pm$ 22.154 χ^2 /NDF: 6.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 32.453 $\pm$ 19.873 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

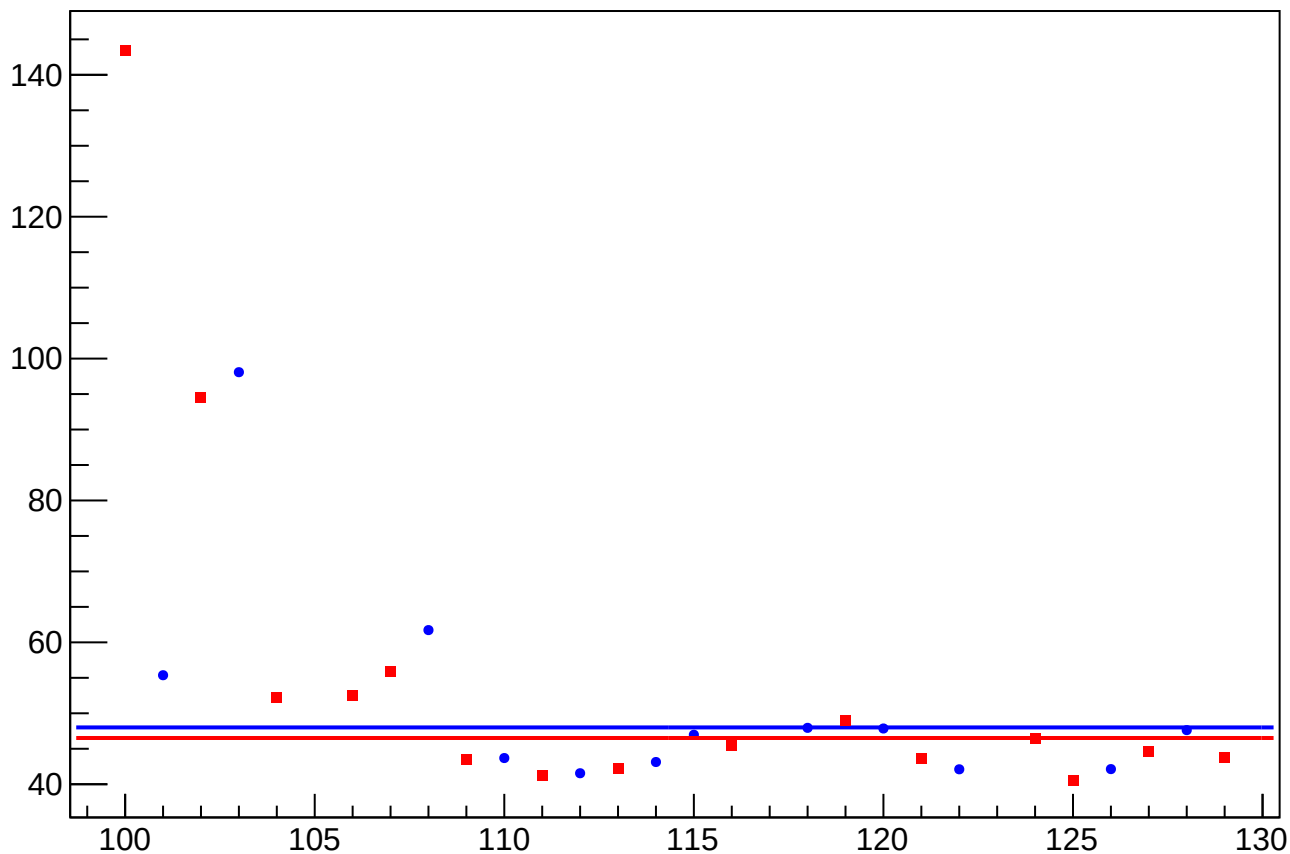
Right: 18.468 $\pm$ 14.793 χ^2 /NDF: 20.4/26

In: 1.090 $\pm$ 22.154 χ^2 /NDF:6.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 18.468 $\pm$ 14.793 χ^2 /NDF: 20.4/26

reg_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 48.009+/-0.016 χ^2/NDF : 427298.9/11

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

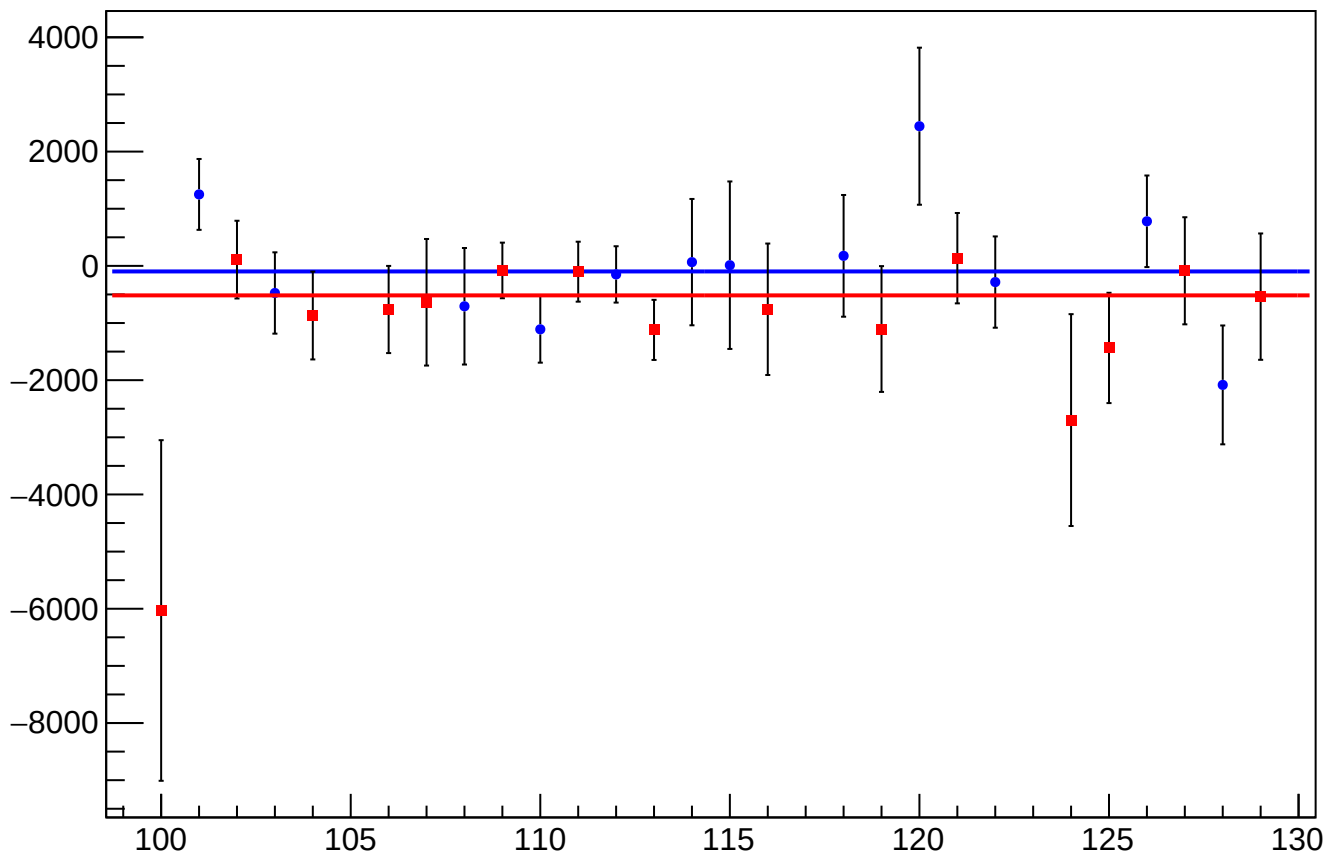
Right: 47.183+/-0.010 χ^2/NDF : 907903.2/26

In: 48.009+/-0.016 χ^2/NDF : 427298.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.183+/-0.010 χ^2/NDF : 907903.2/26

asym_sam_15_37_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -97.308+/-227.465 χ^2/NDF : 16.8/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -516.262+/-202.110 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

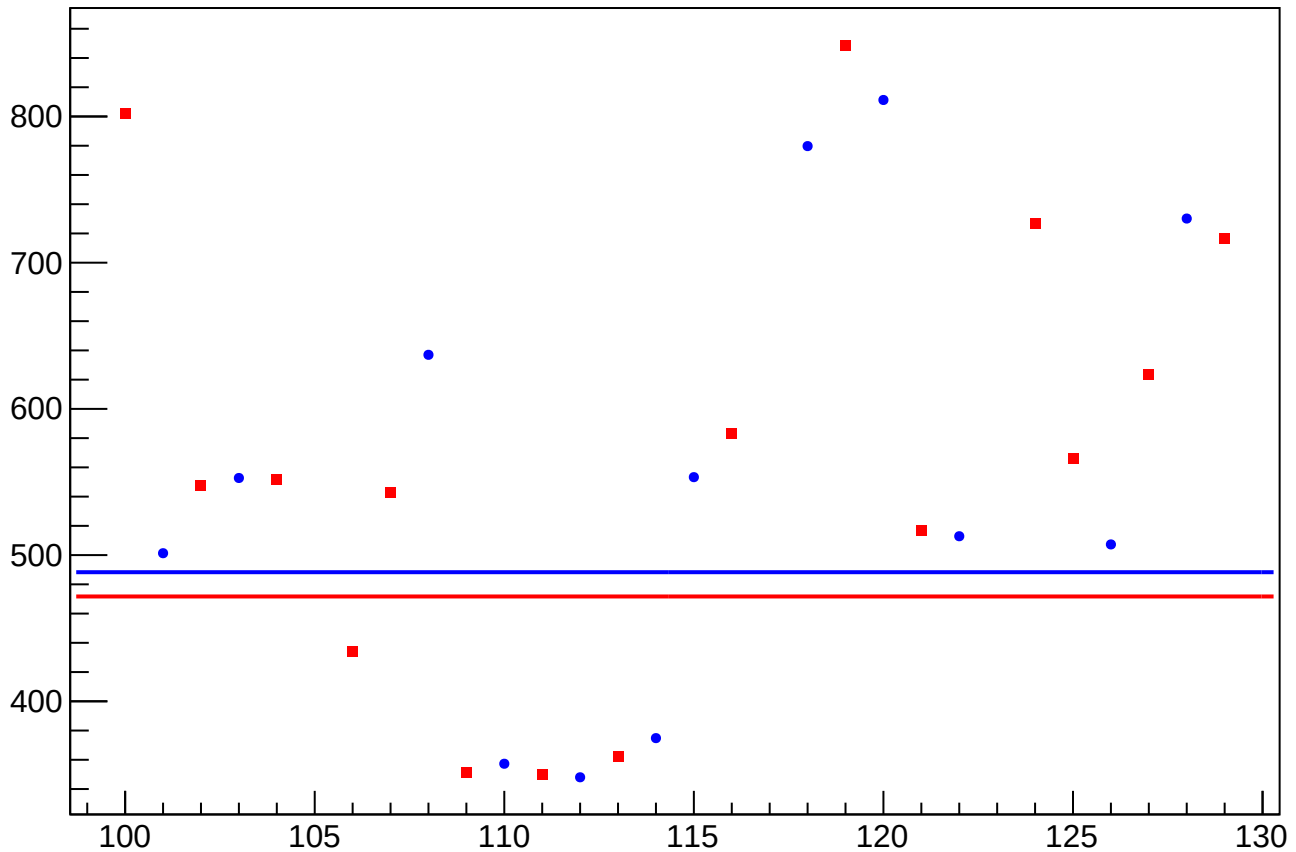
Right: -331.428+/-151.086 χ^2/NDF : 29.5/26

In: -97.308+/-227.465 χ^2/NDF :16.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -331.428+/-151.086 χ^2/NDF : 29.5/26

asym_sam_15_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 488.299+/-0.161 χ^2/NDF : 718786.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

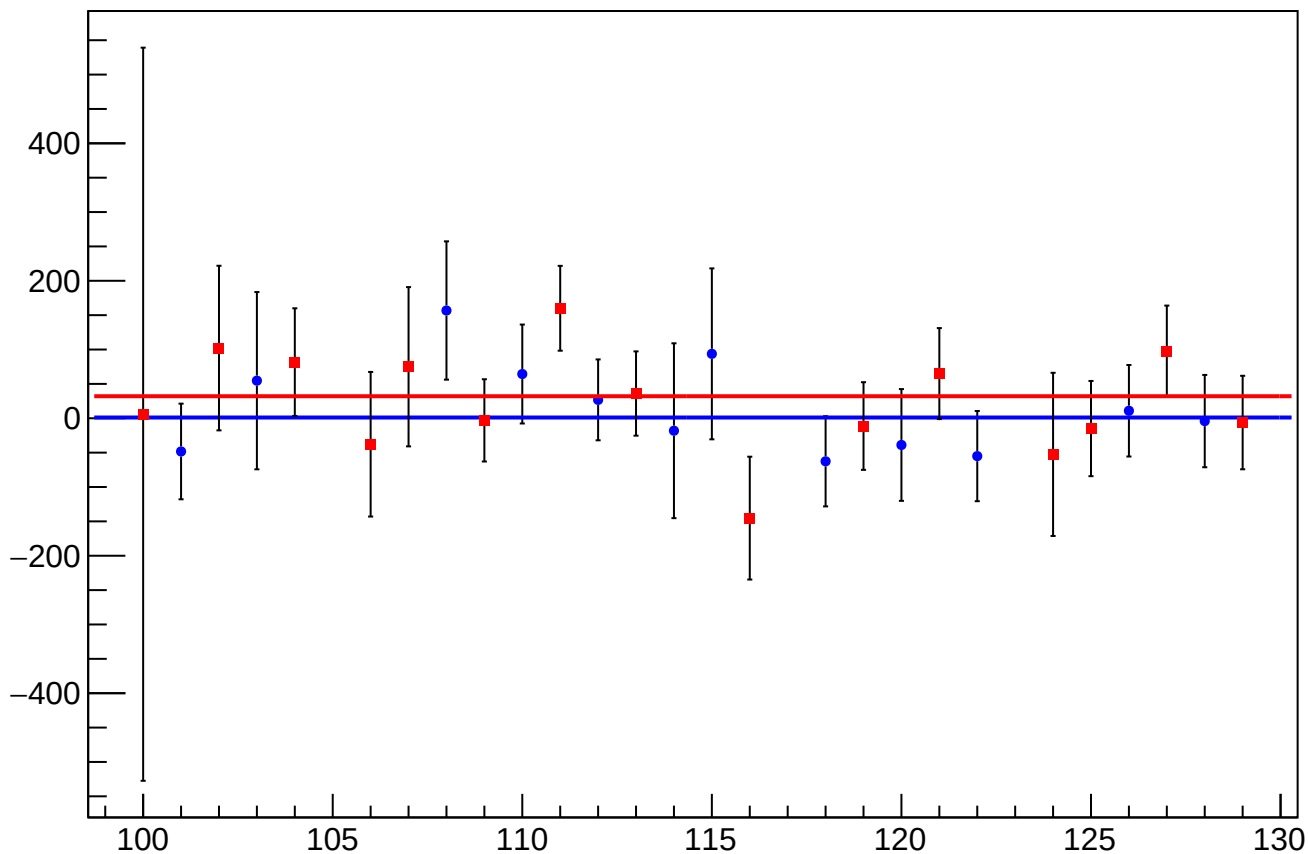
Right: 479.024+/-0.107 χ^2/NDF : 1592414.6/26

In: 488.299+/-0.161 χ^2/NDF : 718786.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 479.024+/-0.107 χ^2/NDF : 1592414.6/26

cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 1.096 $\pm$ 22.154 χ^2 /NDF: 6.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 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

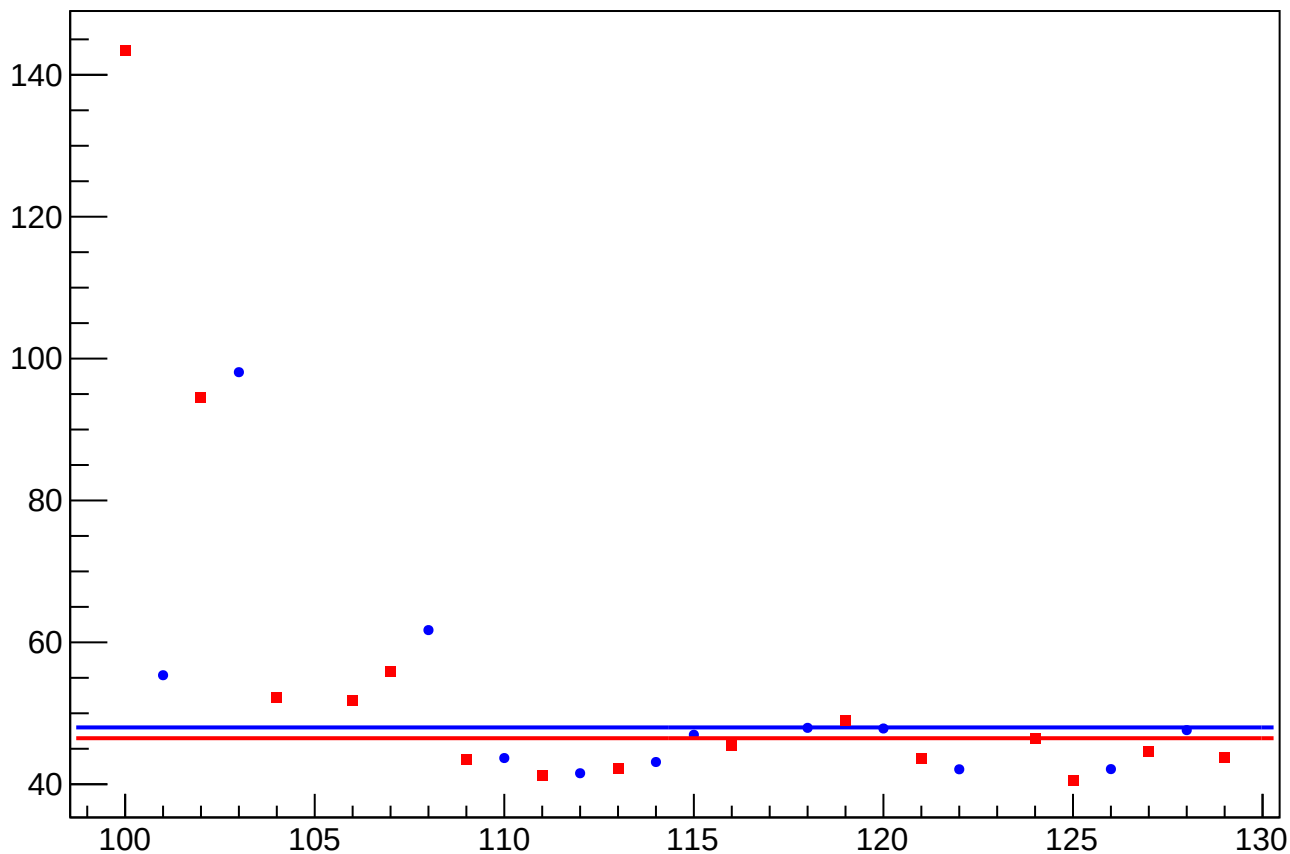
Right: 18.256 $\pm$ 14.795 χ^2 /NDF: 20.5/26

In: 1.096 $\pm$ 22.154 χ^2 /NDF:6.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 18.256 $\pm$ 14.795 χ^2 /NDF: 20.5/26

cor_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 48.009+/-0.016 χ^2/NDF : 427302.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.487+/-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

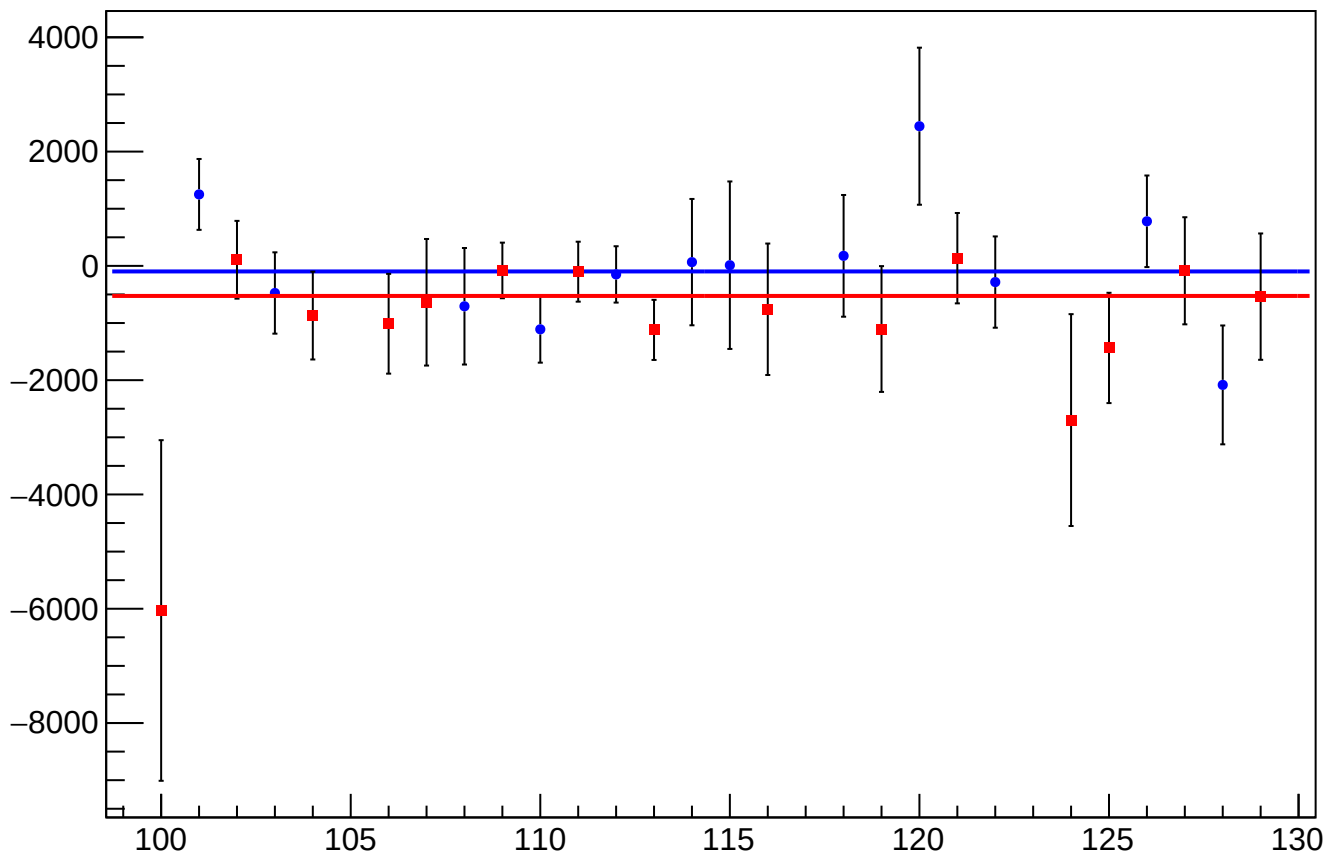
Right: 47.166+/-0.010 χ^2/NDF : 906641.7/26

In: 48.009+/-0.016 χ^2/NDF : 427302.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.166+/-0.010 χ^2/NDF : 906641.7/26

asym_sam_15_37_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -97.308+/-227.468 χ^2/NDF : 16.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -526.043+/-203.823 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

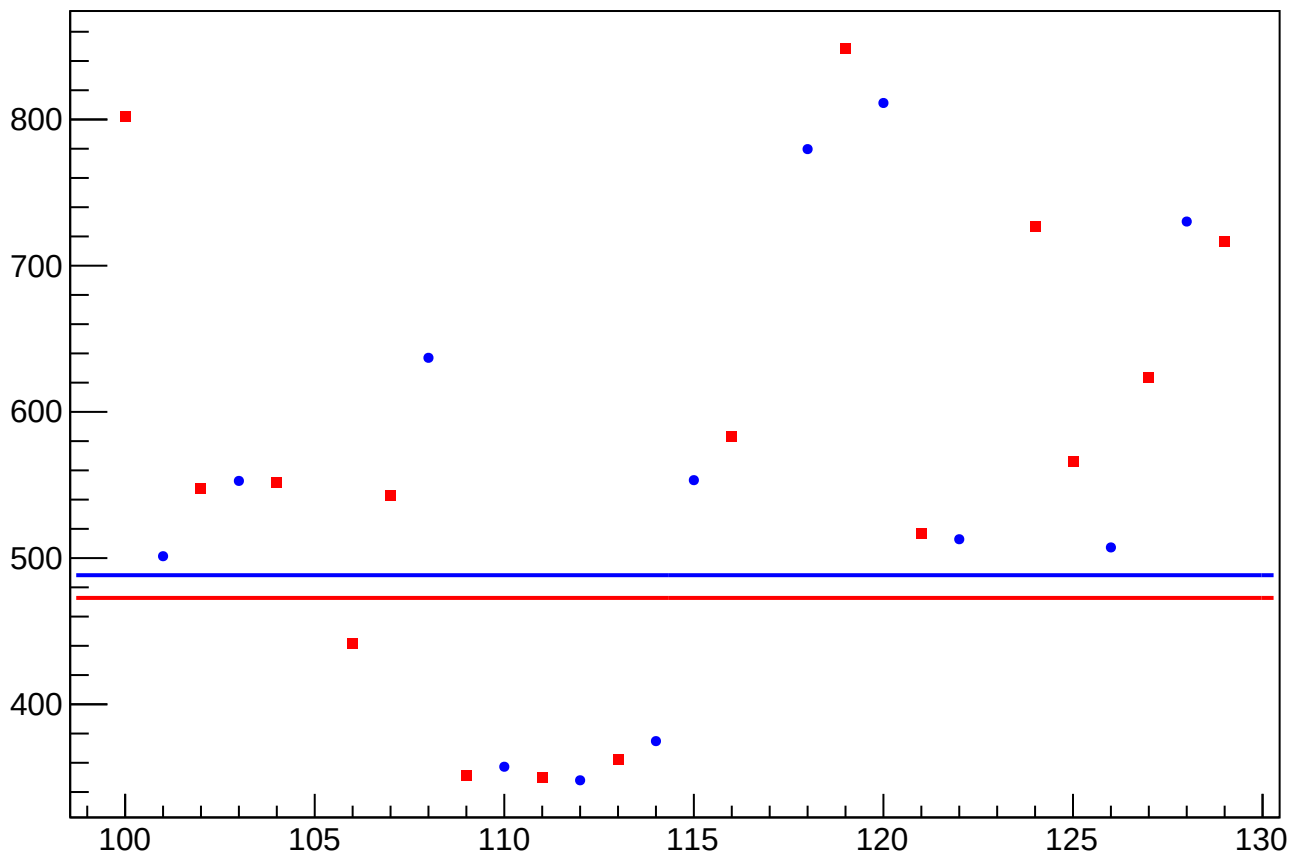
Right: -335.110+/-151.798 χ^2/NDF : 29.8/26

In: -97.308+/-227.468 χ^2/NDF : 16.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -335.110+/-151.798 χ^2/NDF : 29.8/26

asym_sam_15_37_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 488.302 $\pm$ 0.161 χ^2 /NDF: 718812.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 472.759 $\pm$ 0.144 χ^2 /NDF: 865404.9/14

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

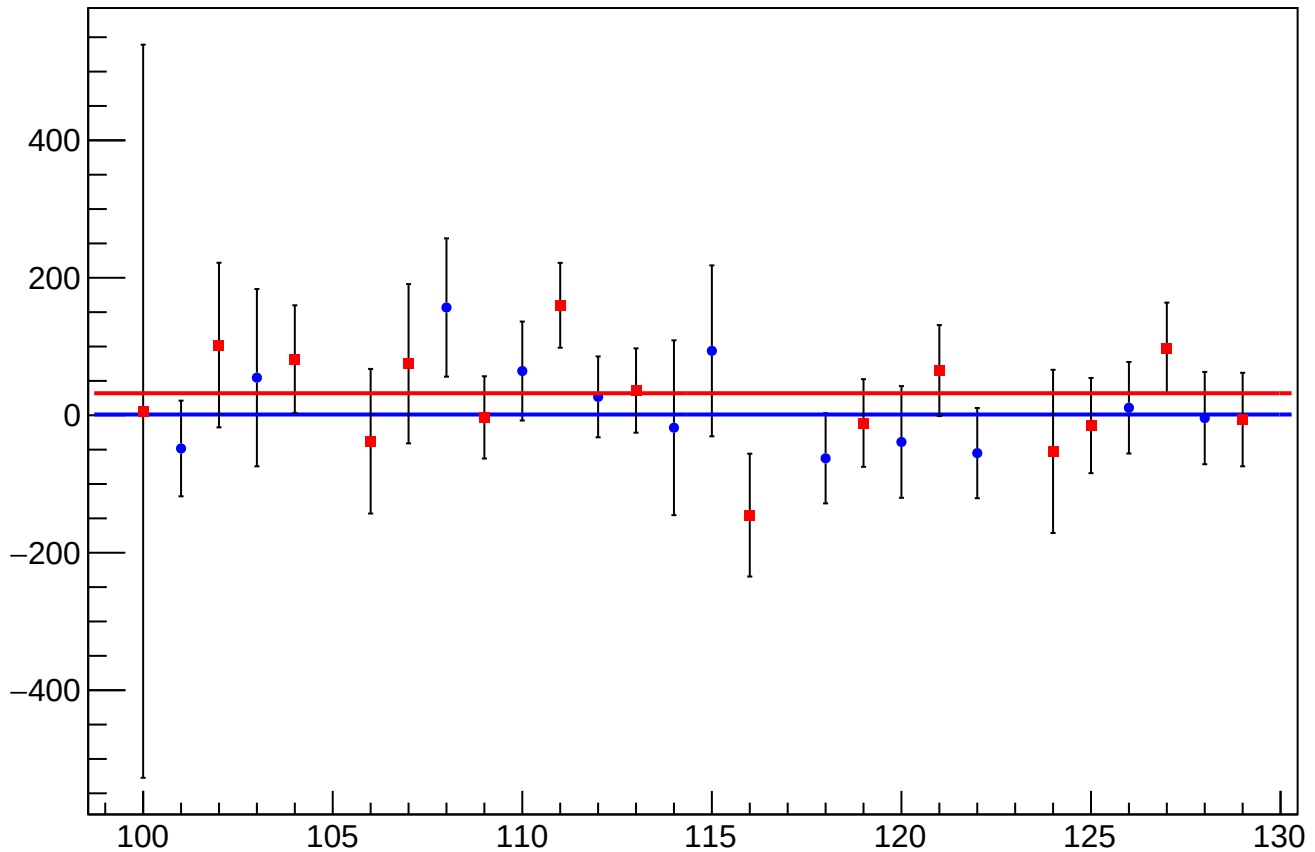
Right: 479.681 $\pm$ 0.107 χ^2 /NDF: 1589396.7/26

In: 488.302 $\pm$ 0.161 χ^2 /NDF:718812.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 479.681 $\pm$ 0.107 χ^2 /NDF: 1589396.7/26

eigen_cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 1.096+/-22.154 χ^2 /NDF: 6.6/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 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

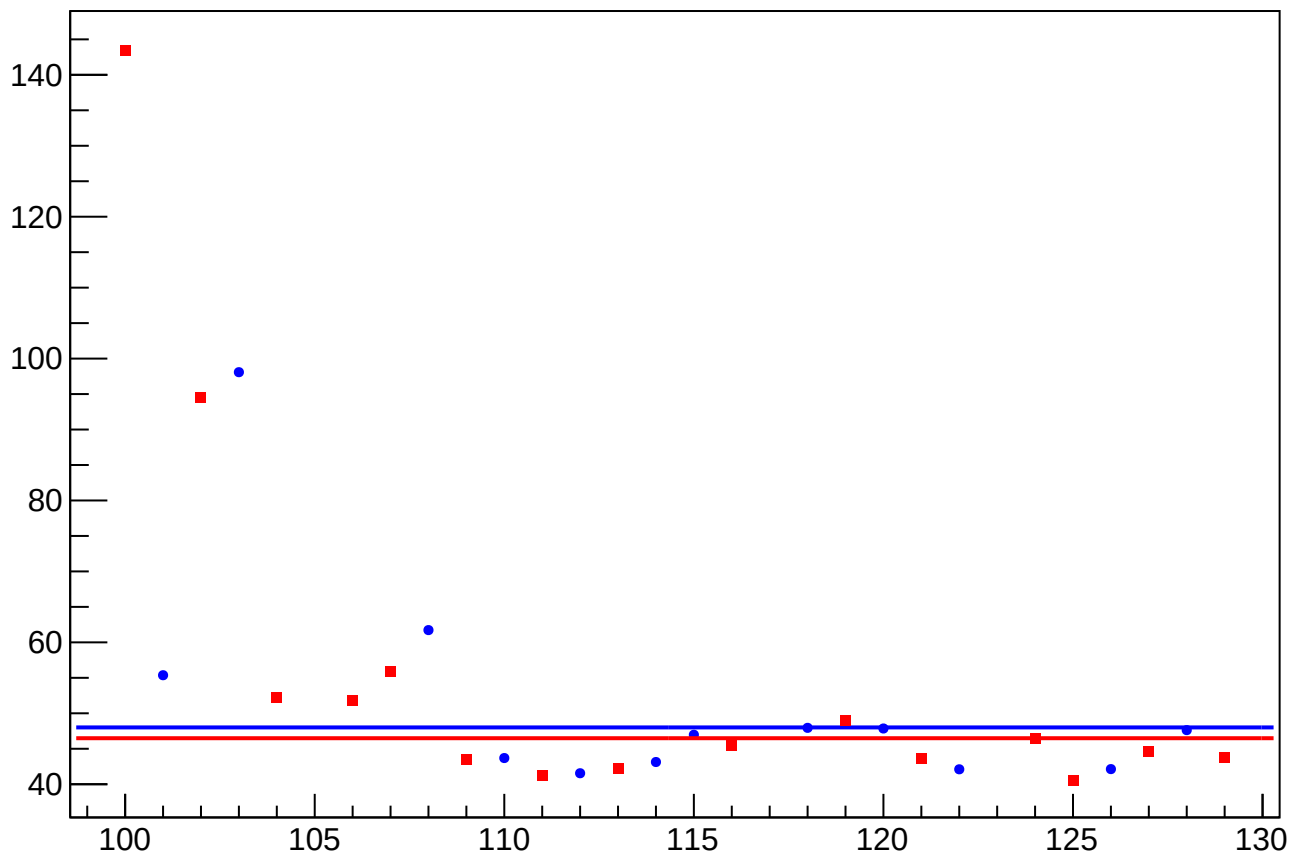
Right: 18.256+/-14.795 χ^2 /NDF: 20.5/26

In: 1.096+/-22.154 χ^2 /NDF:6.6/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 18.256+/-14.795 χ^2 /NDF: 20.5/26

eigen_cor_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 48.009+/-0.016 χ^2/NDF : 427302.0/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 46.487+/-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

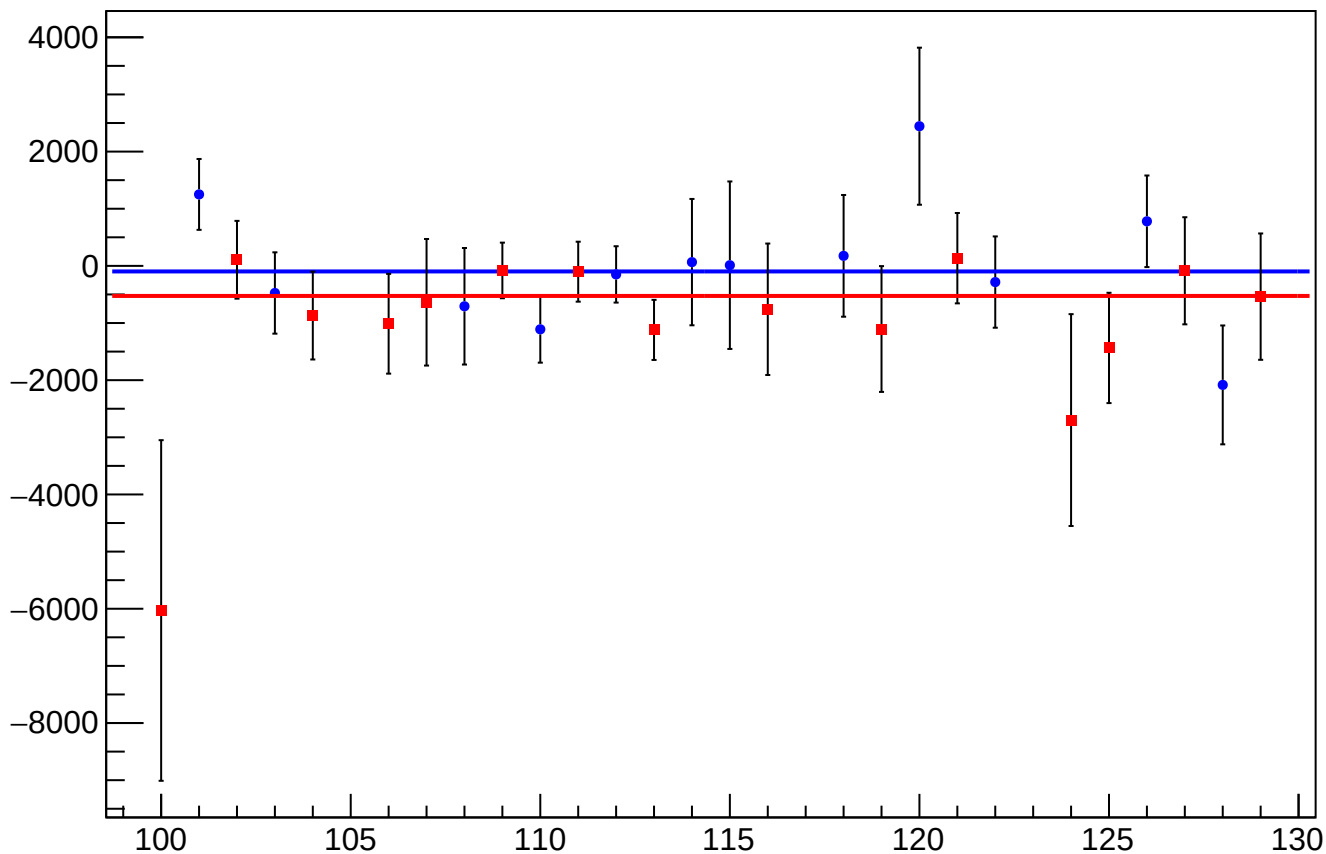
Right: 47.166+/-0.010 χ^2/NDF : 906641.7/26

In: 48.009+/-0.016 χ^2/NDF :427302.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 47.166+/-0.010 χ^2/NDF : 906641.7/26

asym_sam_15_37_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -97.308+/-227.468 χ^2/NDF : 16.8/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -526.043+/-203.823 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

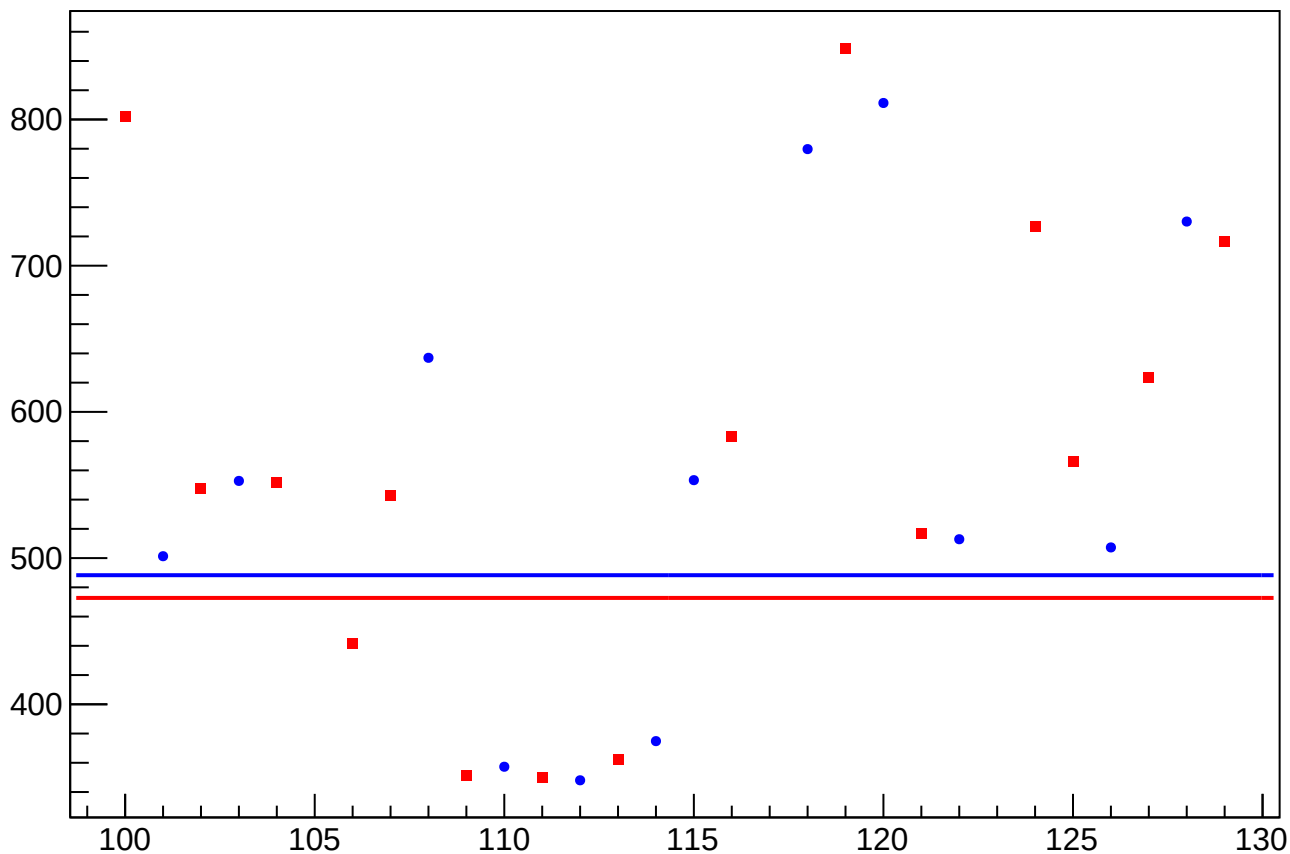
Right: -335.110+/-151.798 χ^2/NDF : 29.8/26

In: -97.308+/-227.468 χ^2/NDF :16.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -335.110+/-151.798 χ^2/NDF : 29.8/26

asym_sam_15_37_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 488.302 $\pm$ 0.161 χ^2 /NDF: 718812.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 472.759 $\pm$ 0.144 χ^2 /NDF: 865404.9/14

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

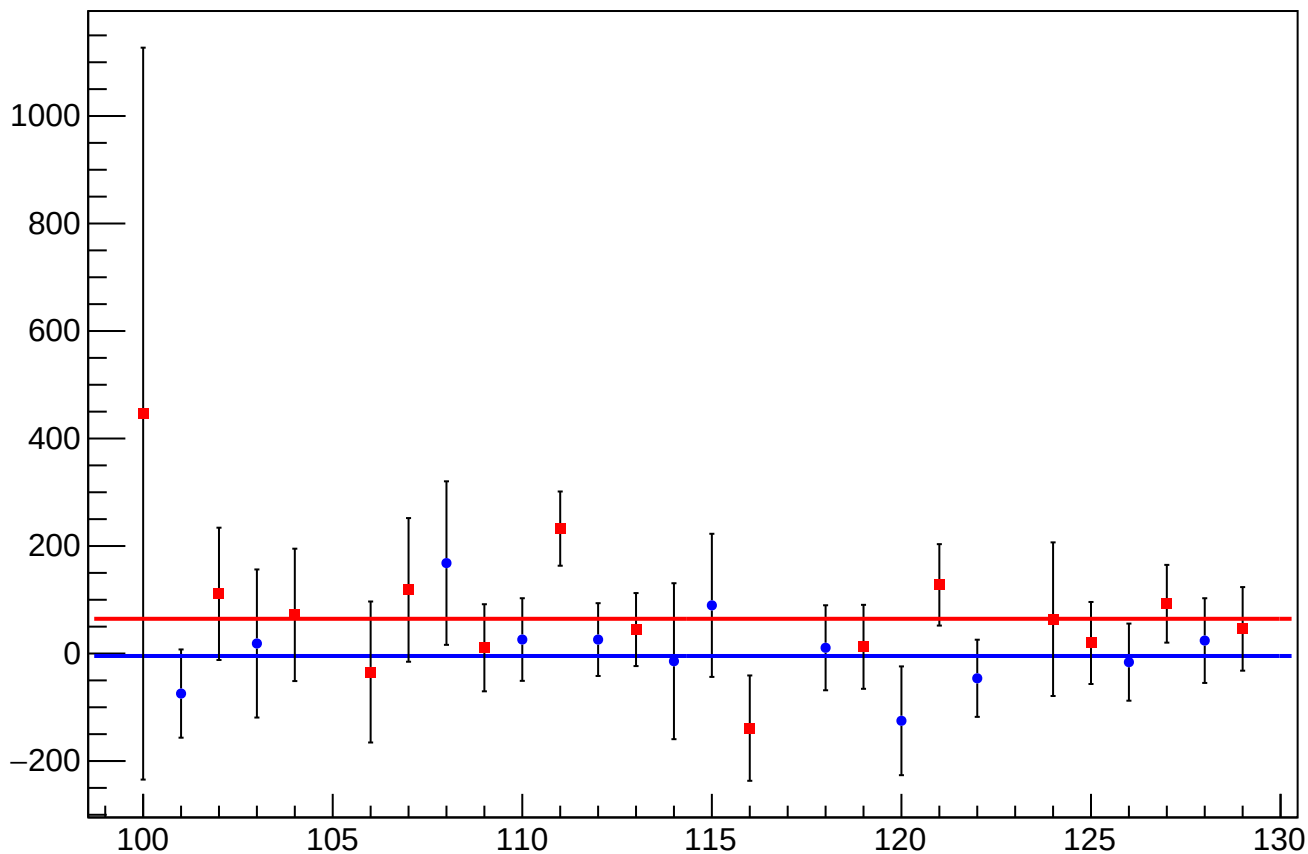
Right: 479.681 $\pm$ 0.107 χ^2 /NDF: 1589396.7/26

In: 488.302 $\pm$ 0.161 χ^2 /NDF:718812.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 479.681 $\pm$ 0.107 χ^2 /NDF: 1589396.7/26

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -4.581+/-25.459 χ^2/NDF : 4.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

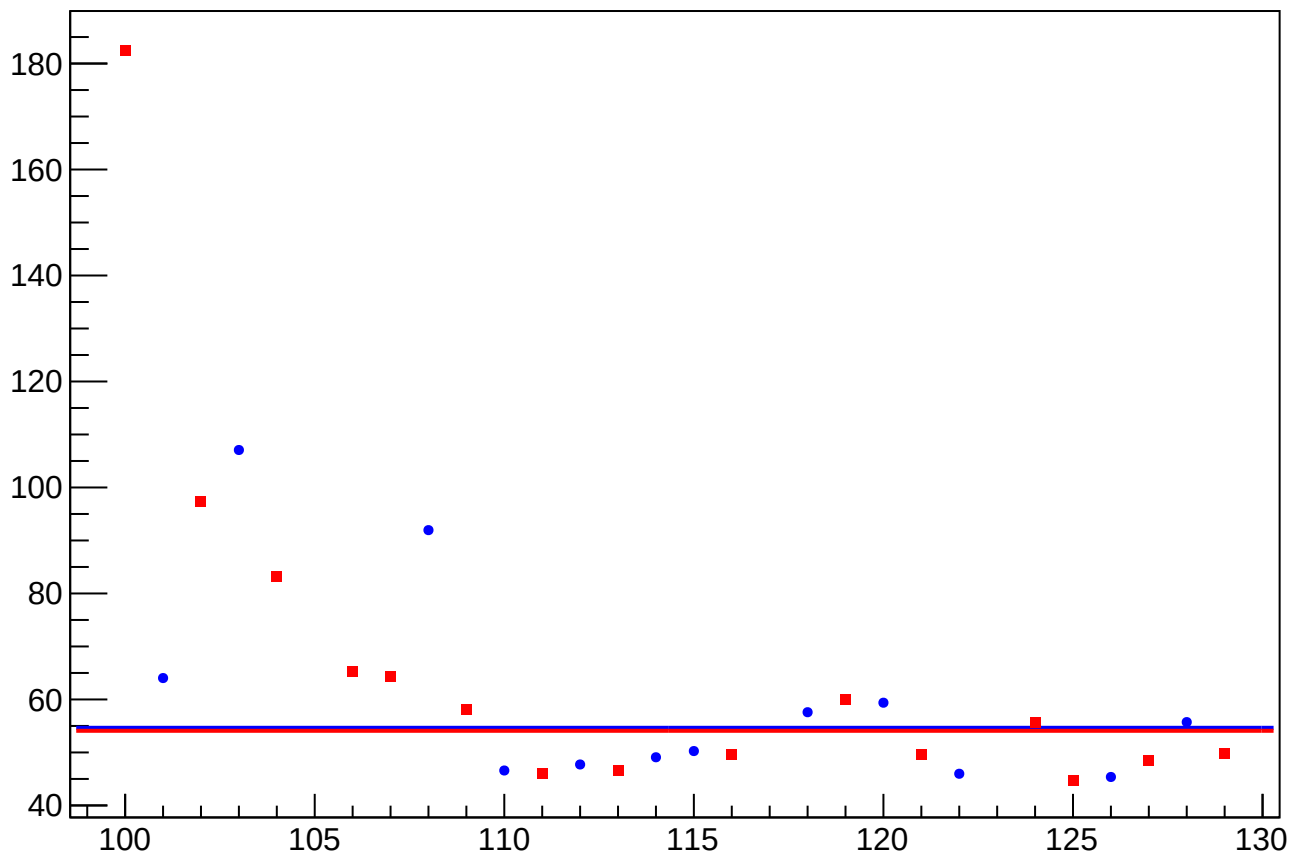
Right: 33.116+/-17.176 χ^2/NDF : 22.5/26

In: -4.581+/-25.459 χ^2/NDF : 4.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.116+/-17.176 χ^2/NDF : 22.5/26

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 54.651+/-0.018 χ^2/NDF : 554140.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.086+/-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

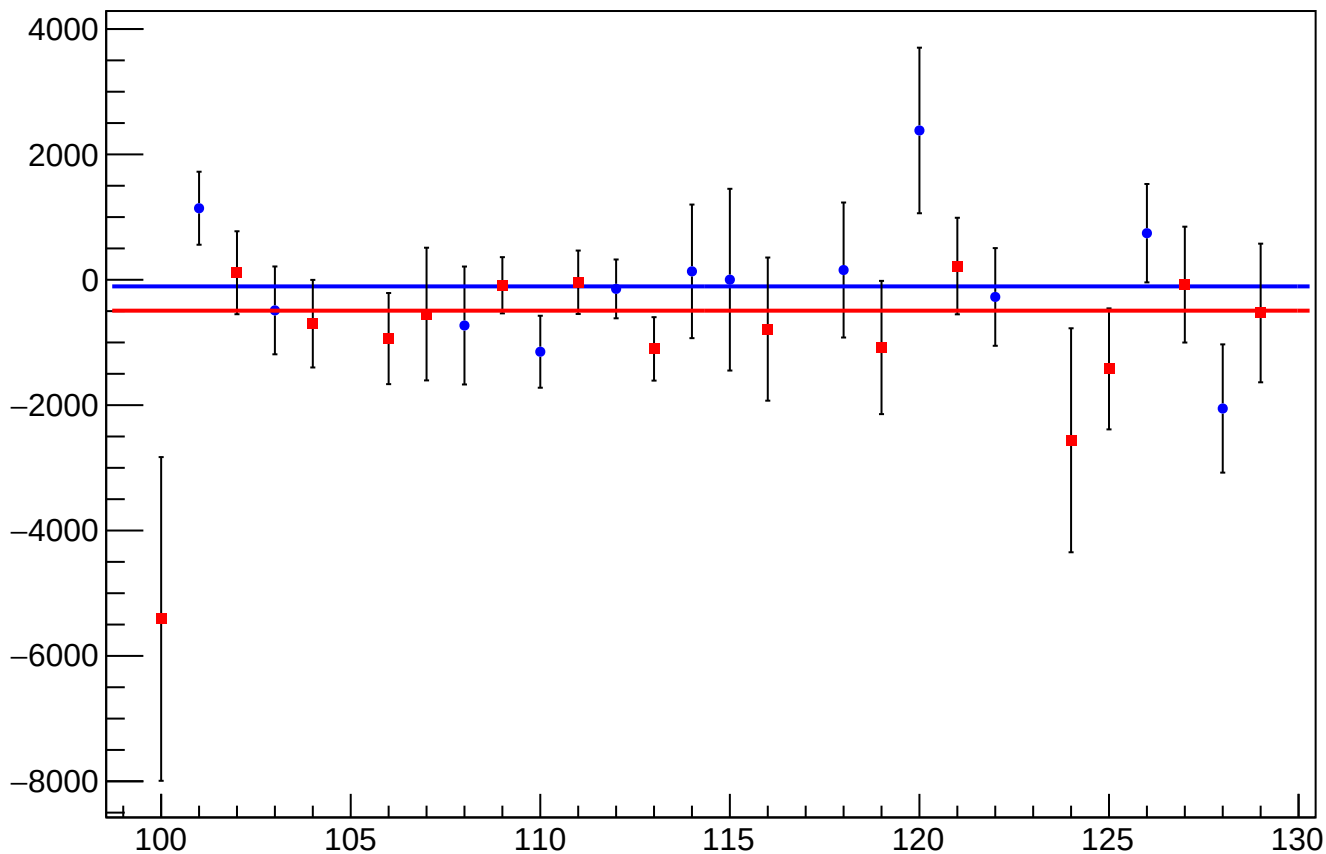
Right: 54.343+/-0.012 χ^2/NDF : 1138721.4/26

In: 54.651+/-0.018 χ^2/NDF : 554140.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.343+/-0.012 χ^2/NDF : 1138721.4/26

asym_sam_15_37_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -105.496+/-219.718 χ^2 /NDF: 17.1/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -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

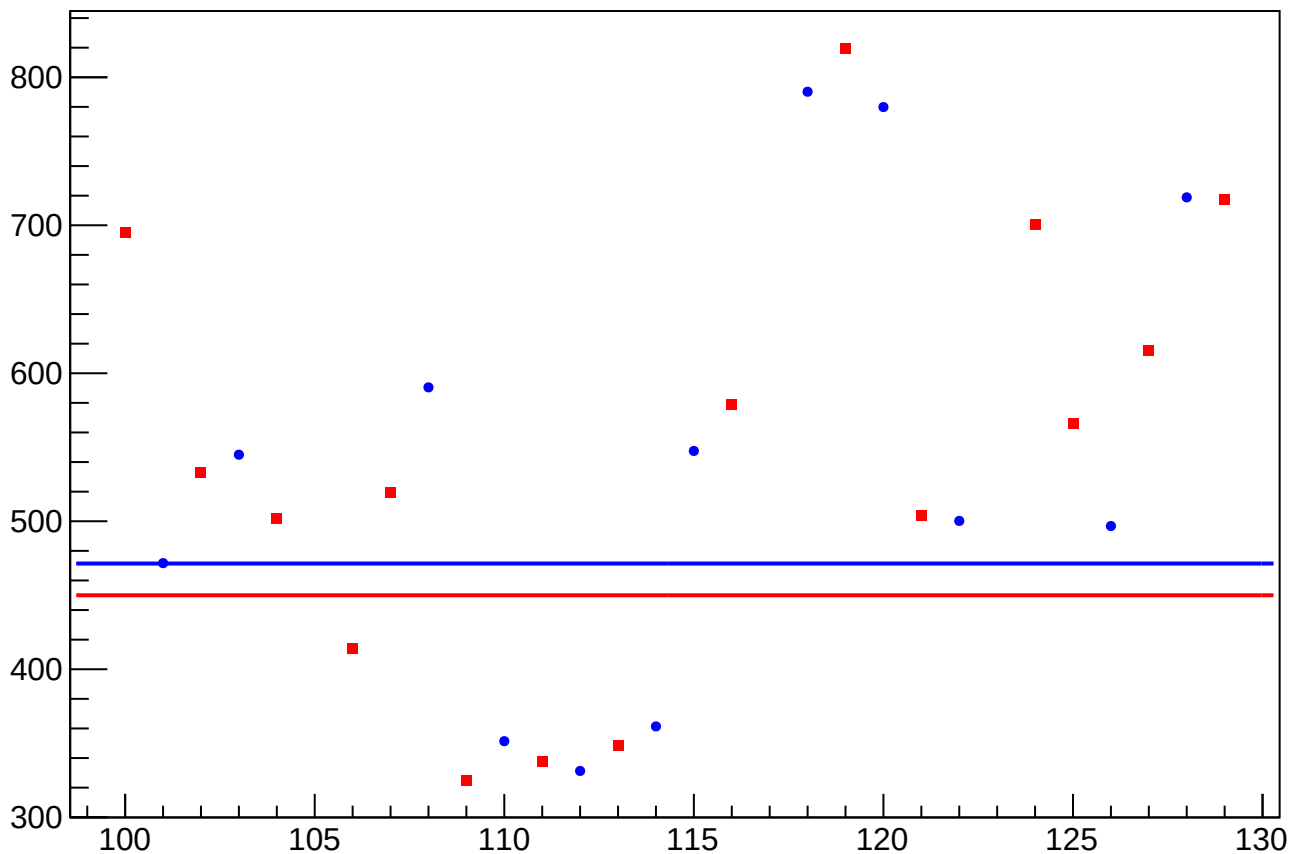
Right: -323.814+/-145.116 χ^2 /NDF: 30.6/26

In: -105.496+/-219.718 χ^2 /NDF:17.1/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -323.814+/-145.116 χ^2 /NDF: 30.6/26

asym_sam_15_37_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 471.432 $\pm$ 0.155 χ^2 /NDF: 753091.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 449.992 $\pm$ 0.137 χ^2 /NDF: 934268.0/14

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

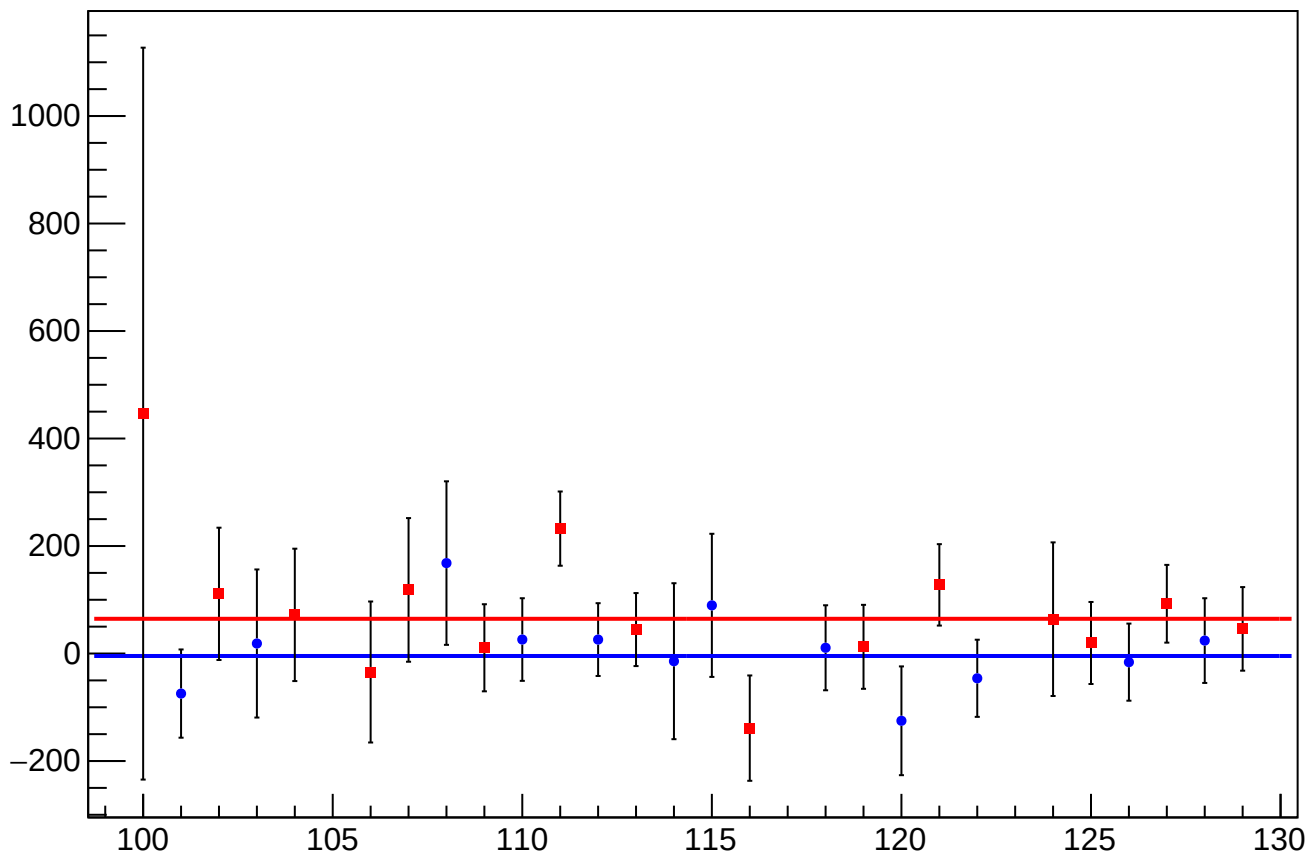
Right: 459.344 $\pm$ 0.103 χ^2 /NDF: 1698096.4/26

In: 471.432 $\pm$ 0.155 χ^2 /NDF:753091.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 459.344 $\pm$ 0.103 χ^2 /NDF: 1698096.4/26

eigen_dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -4.580 ± 25.460 χ^2/NDF : 4.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 64.608 ± 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

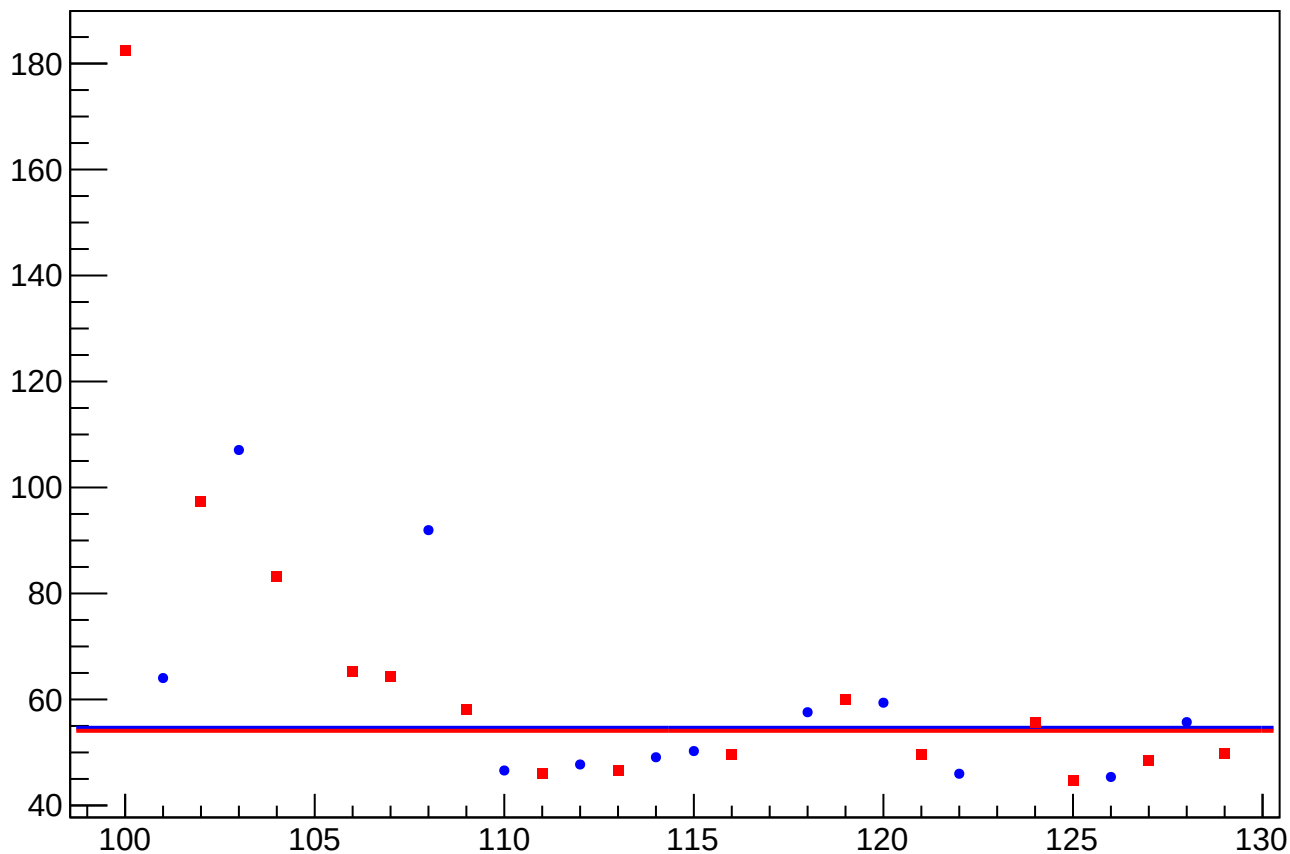
Right: 33.117 ± 17.176 χ^2/NDF : 22.5/26

In: -4.580 ± 25.460 χ^2/NDF : 4.9/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 33.117 ± 17.176 χ^2/NDF : 22.5/26

eigen_dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 54.652+/-0.018 χ^2/NDF : 554132.2/11

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

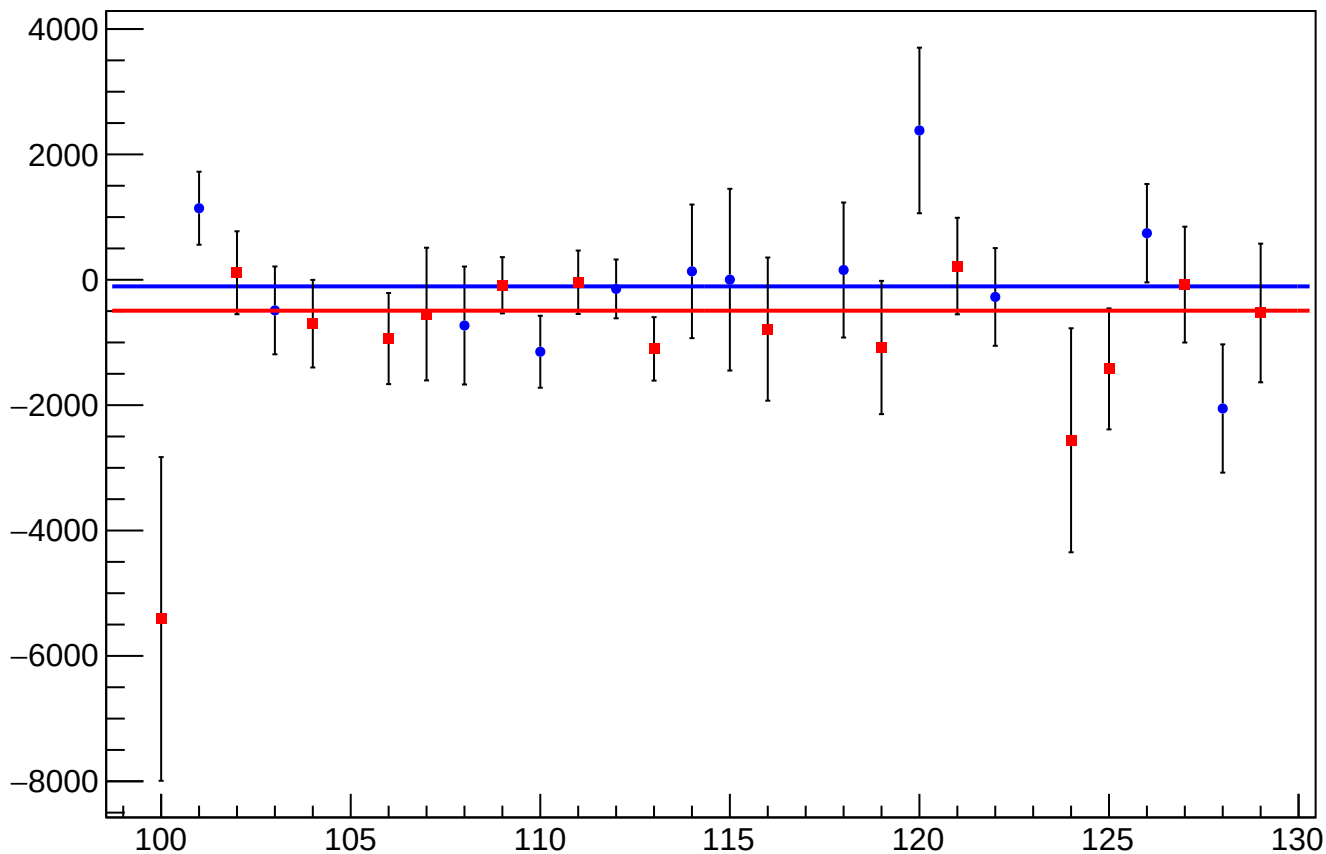
Right: 54.344+/-0.012 χ^2/NDF : 1138710.1/26

In: 54.652+/-0.018 χ^2/NDF : 554132.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.344+/-0.012 χ^2/NDF : 1138710.1/26

asym_sam_15_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -105.496+/-219.717 χ^2/NDF : 17.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -492.729+/-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

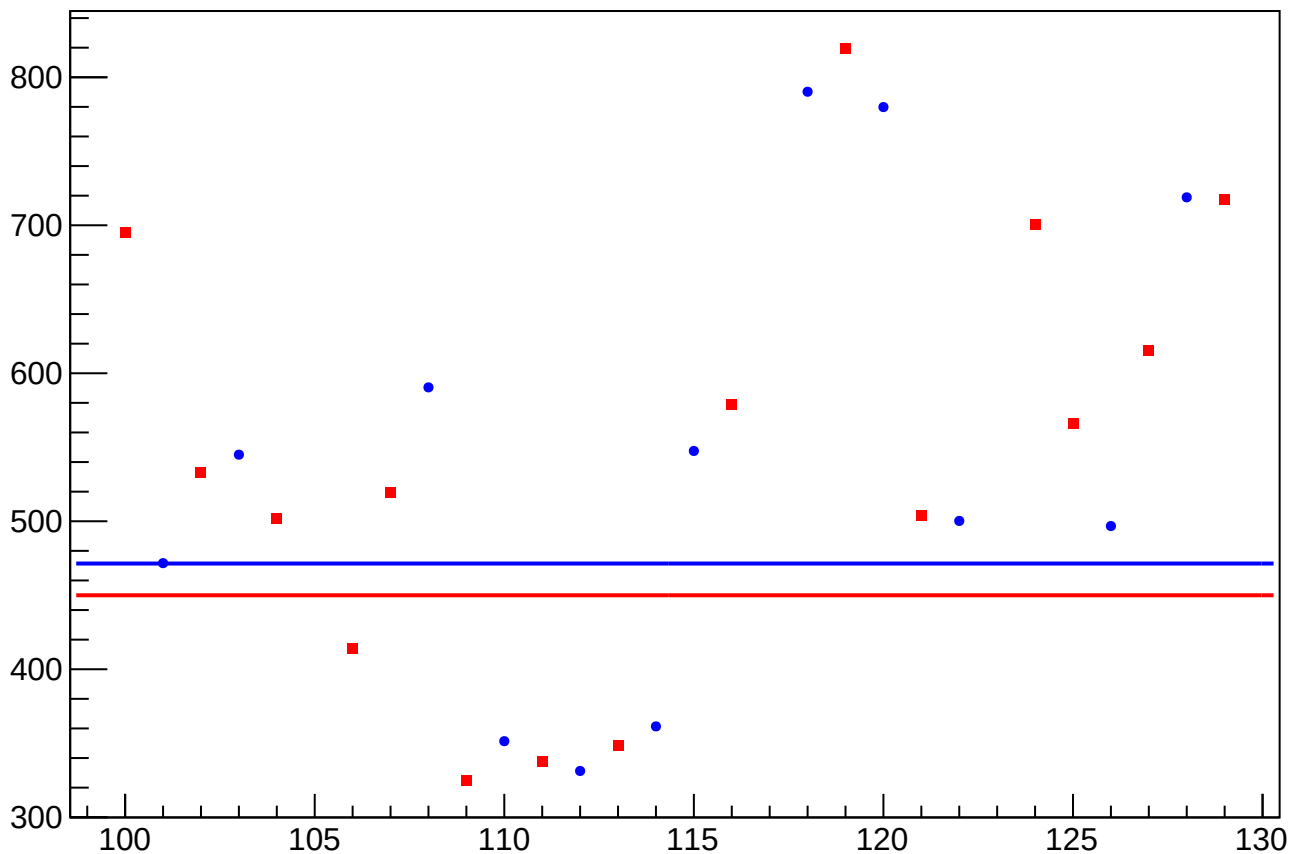
Right: -323.813+/-145.116 χ^2/NDF : 30.6/26

In: -105.496+/-219.717 χ^2/NDF : 17.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -323.813+/-145.116 χ^2/NDF : 30.6/26

asym_sam_15_37_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 471.430+/-0.155 χ^2/NDF : 753094.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

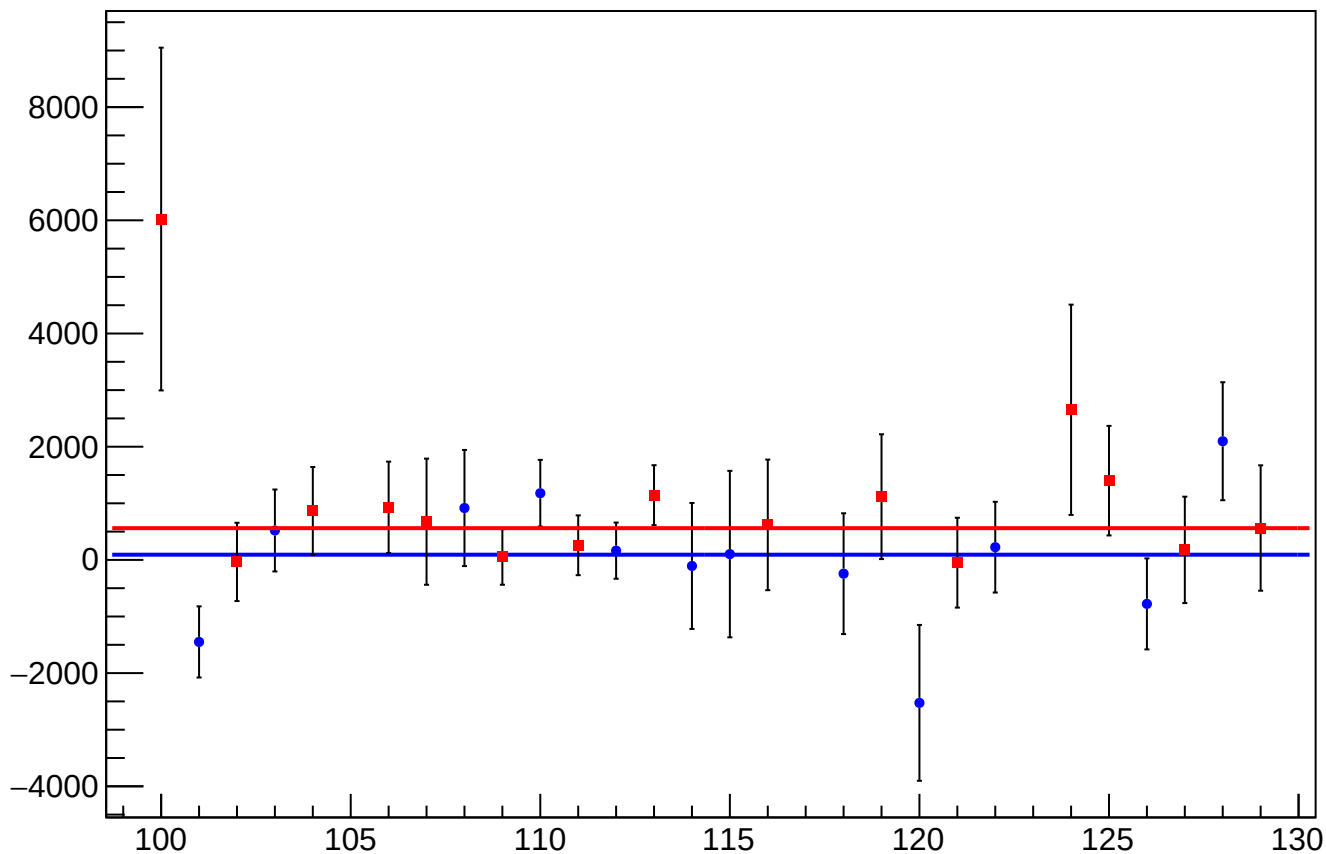
Right: 459.343+/-0.103 χ^2/NDF : 1698096.2/26

In: 471.430+/-0.155 χ^2/NDF : 753094.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 459.343+/-0.103 χ^2/NDF : 1698096.2/26

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 91.978+/-229.238 χ^2/NDF : 19.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 560.764+/-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

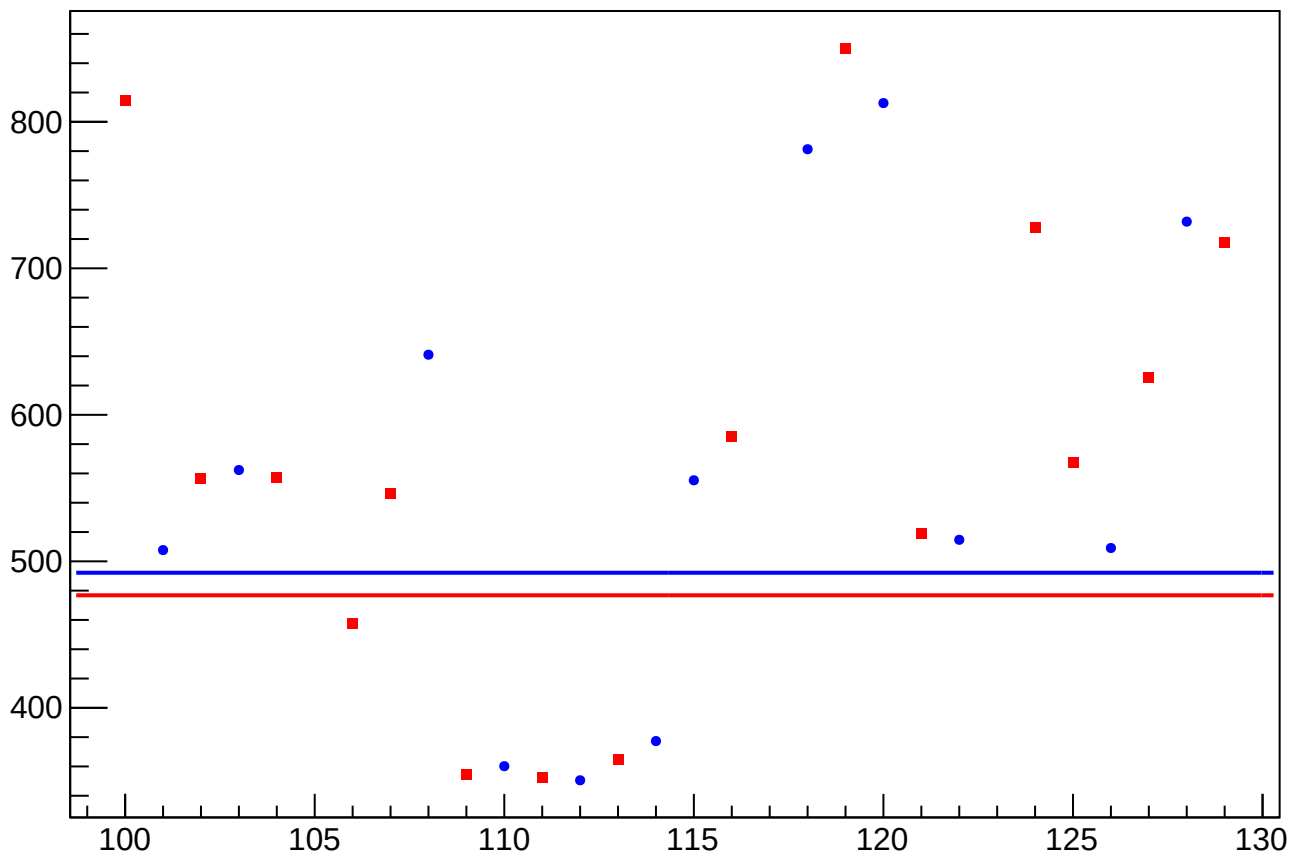
Right: 353.302+/-152.500 χ^2/NDF : 31.4/26

In: 91.978+/-229.238 χ^2/NDF : 19.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 353.302+/-152.500 χ^2/NDF : 31.4/26

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 492.213+/-0.162 χ^2/NDF : 713732.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 476.836+/-0.144 χ^2/NDF : 856819.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

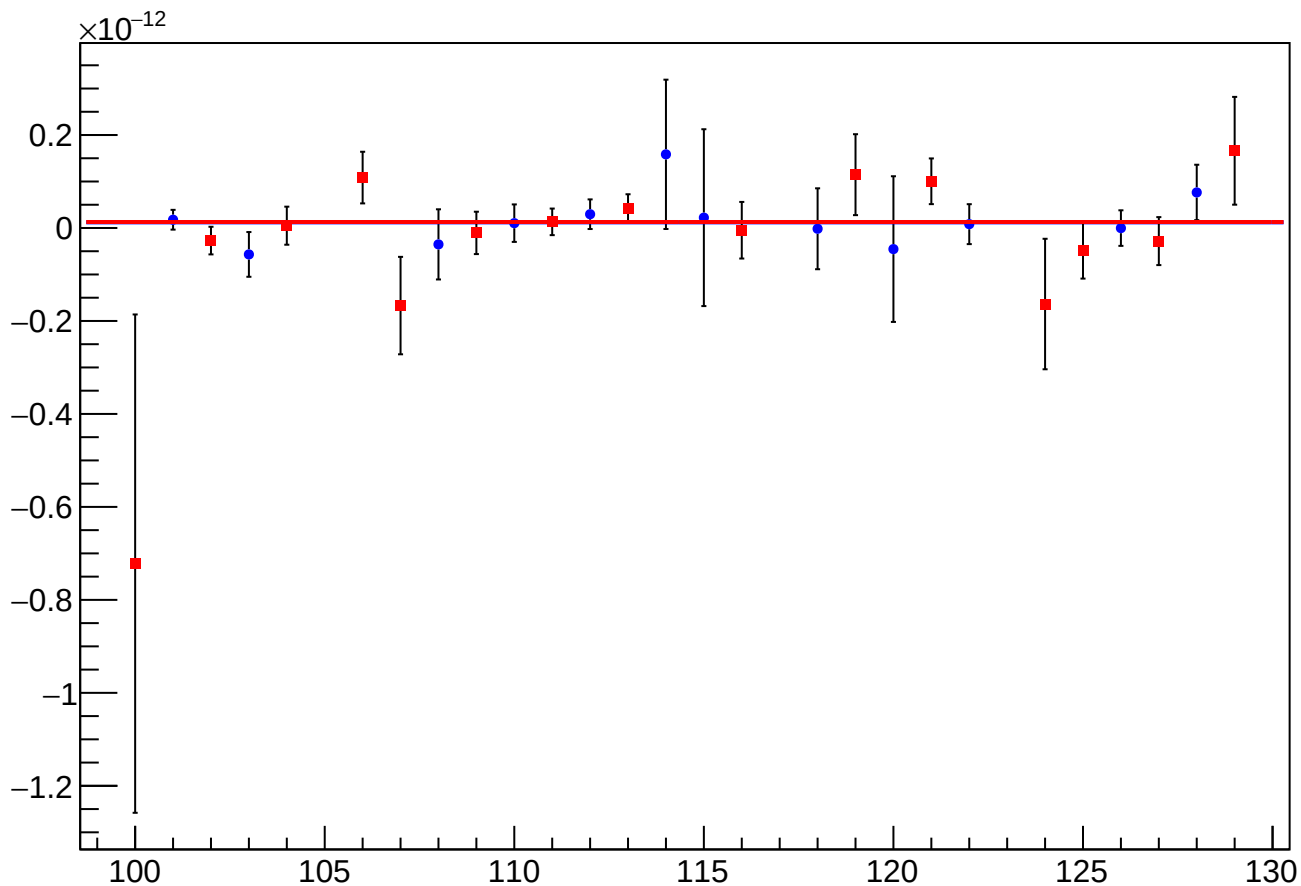
Right: 483.641+/-0.108 χ^2/NDF : 1575568.5/26

In: 492.213+/-0.162 χ^2/NDF : 713732.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 483.641+/-0.108 χ^2/NDF : 1575568.5/26

asym_sam_15_37_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

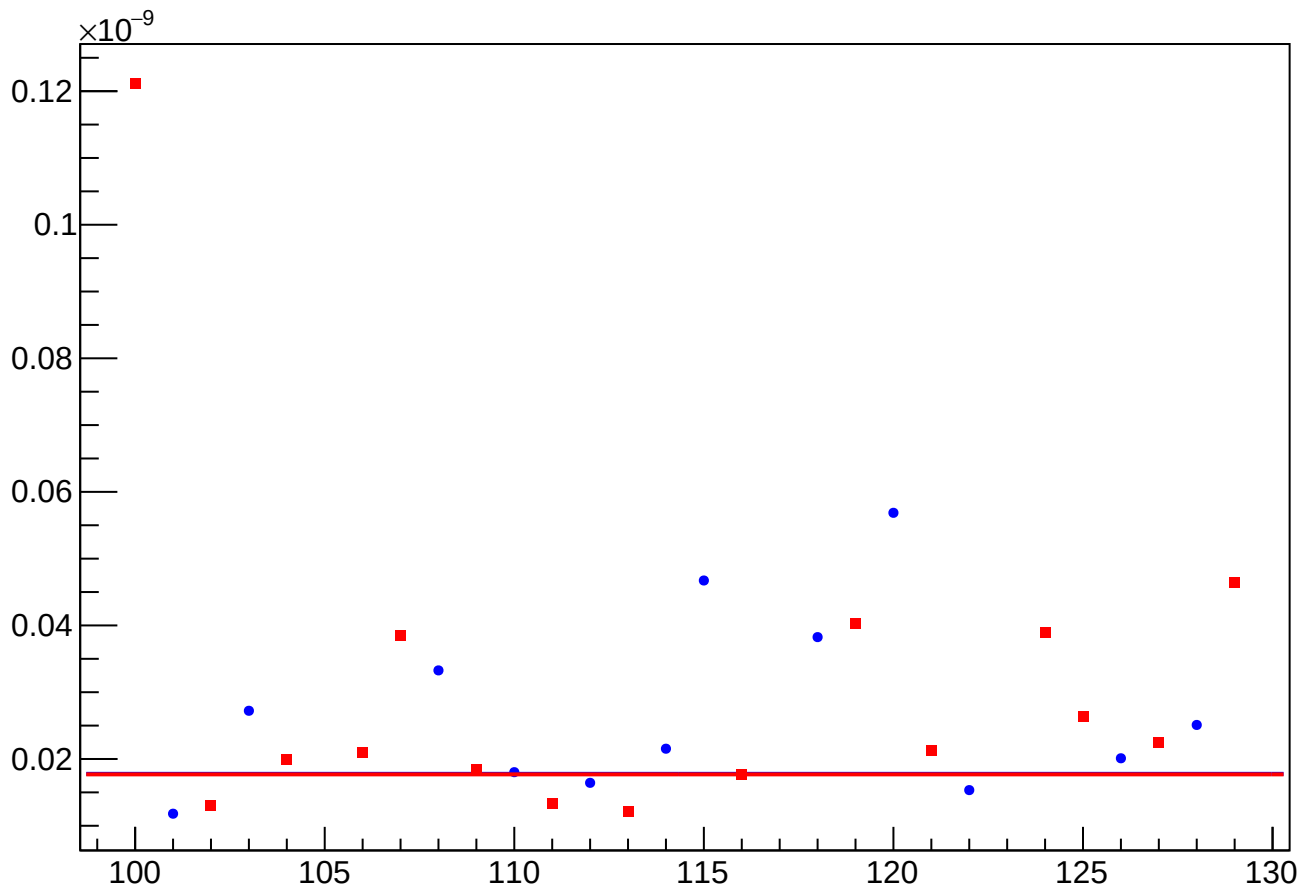
Right: 0.000+/-0.000 χ^2/NDF : 25.5/26

In: 0.000+/-0.000 χ^2/NDF : 5.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.5/26

asym_sam_15_37_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 649219.0/11

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

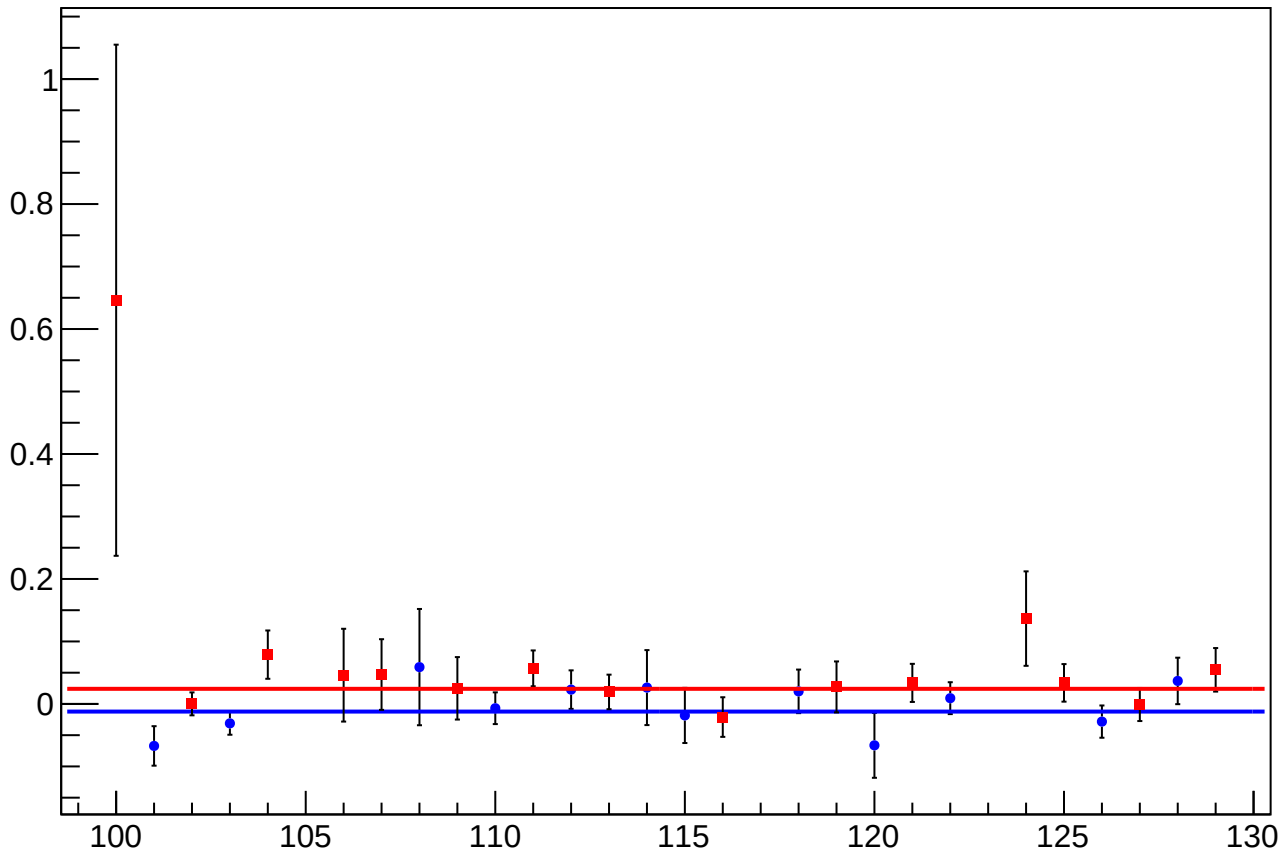
Right: 0.000+/-0.000 χ^2/NDF : 1348031.0/26

In: 0.000+/-0.000 χ^2/NDF : 649219.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1348031.0/26

asym_sam_15_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.009 χ^2 /NDF: 11.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.024 $\pm$ 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

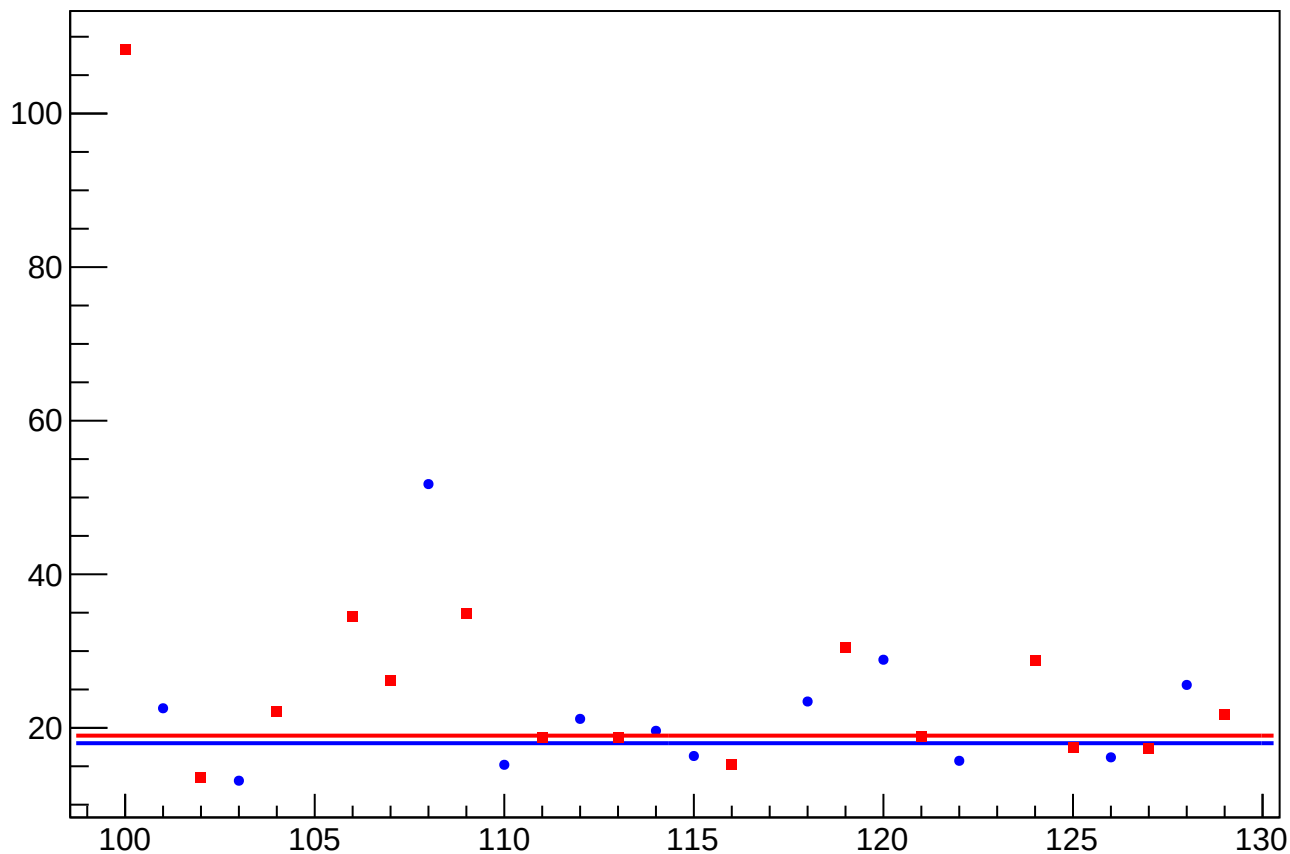
Right: 0.007 $\pm$ 0.006 χ^2 /NDF: 33.5/26

In: -0.012 $\pm$ 0.009 χ^2 /NDF:11.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.007 $\pm$ 0.006 χ^2 /NDF: 33.5/26

asym_sam_15_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.005+/-0.006 χ^2/NDF : 743613.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.990+/-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

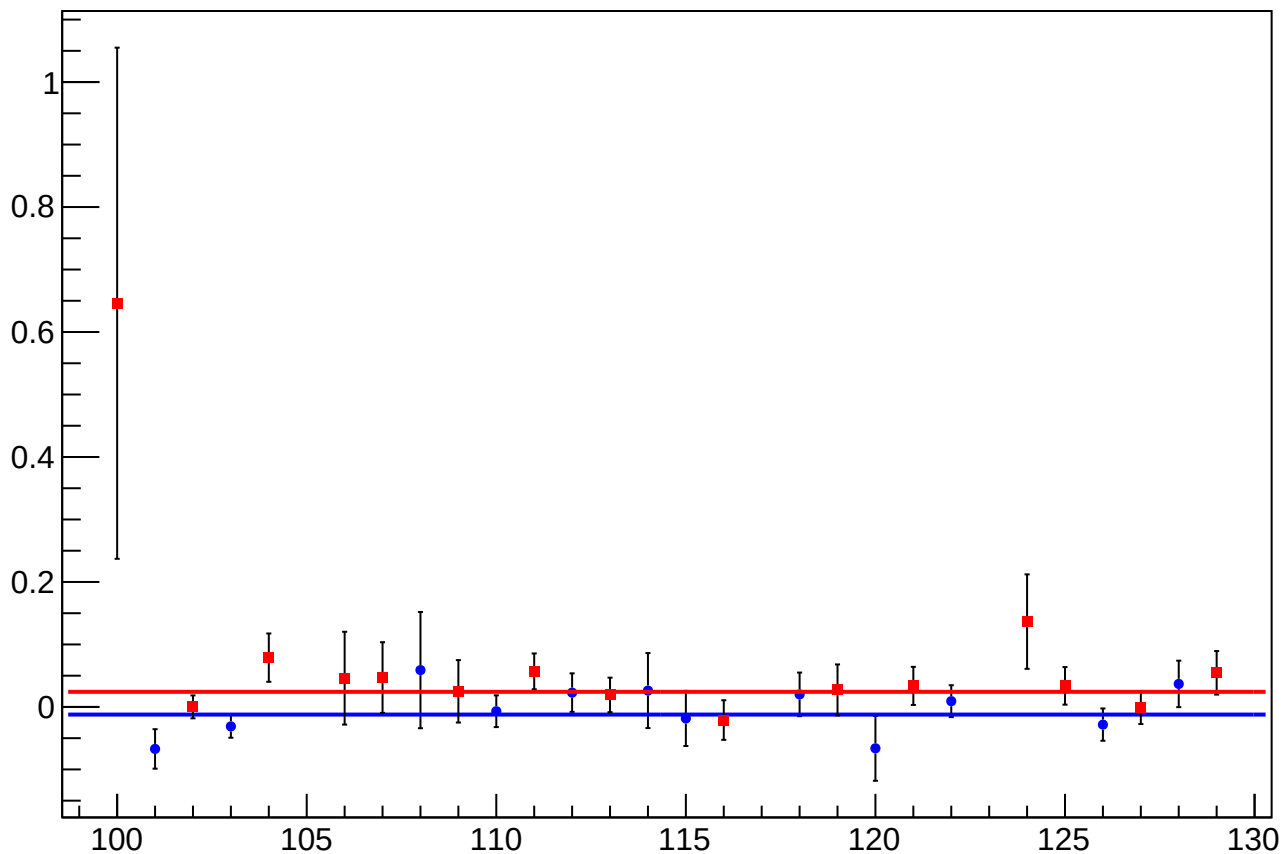
Right: 18.513+/-0.004 χ^2/NDF : 1603564.4/26

In: 18.005+/-0.006 χ^2/NDF : 743613.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.513+/-0.004 χ^2/NDF : 1603564.4/26

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.009 χ^2 /NDF: 11.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.024 $\pm$ 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

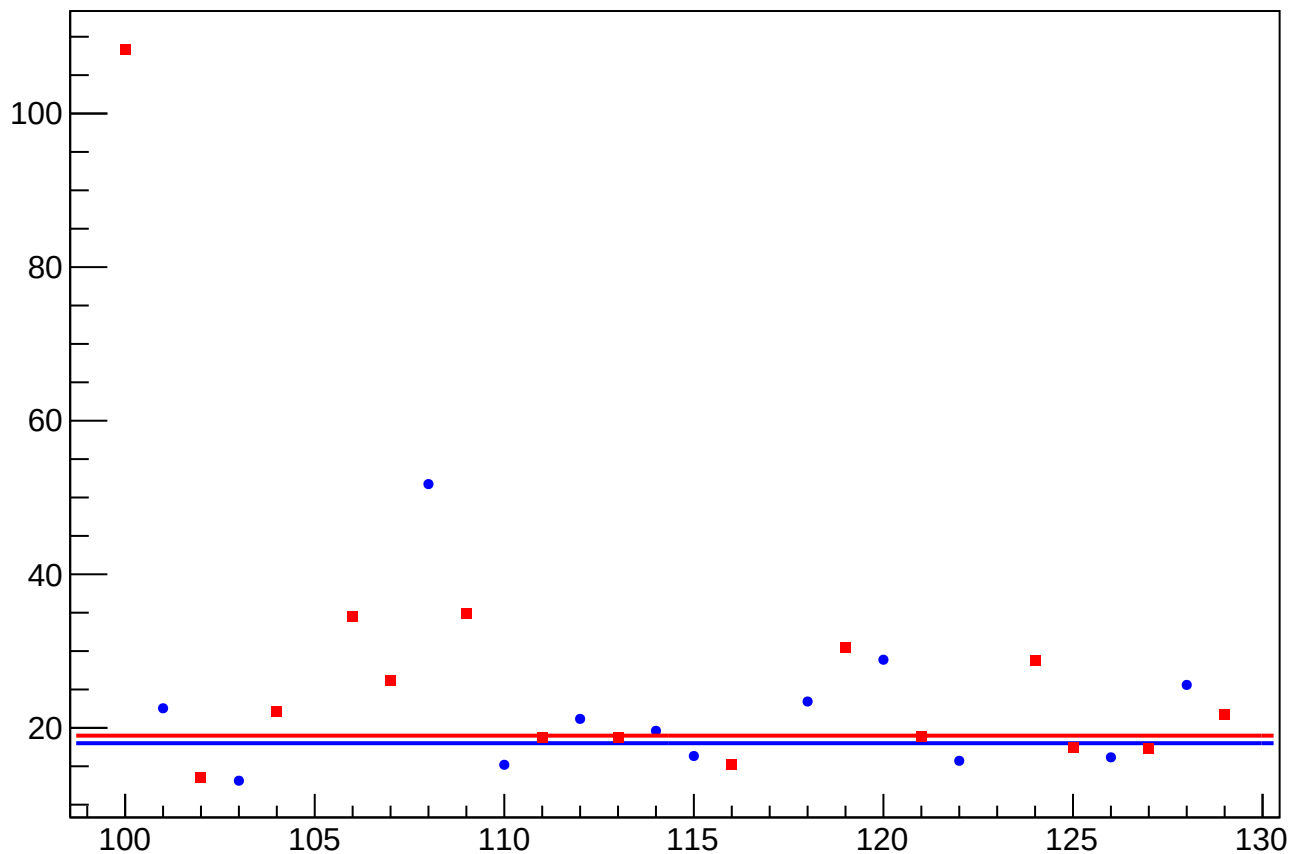
Right: 0.007 $\pm$ 0.006 χ^2 /NDF: 33.5/26

In: -0.012 $\pm$ 0.009 χ^2 /NDF:11.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.007 $\pm$ 0.006 χ^2 /NDF: 33.5/26

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.005+/-0.006 χ^2/NDF : 743613.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.990+/-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

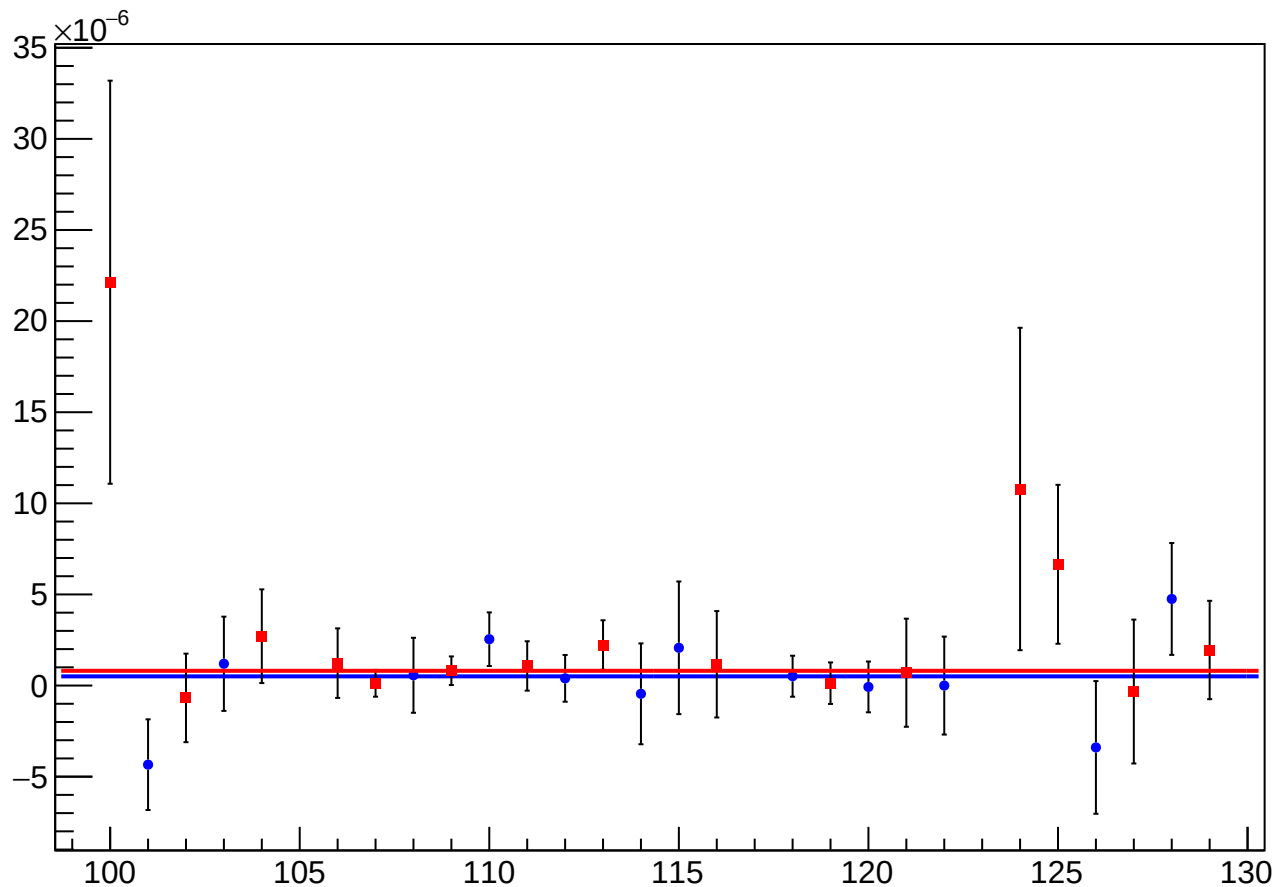
Right: 18.513+/-0.004 χ^2/NDF : 1603564.4/26

In: 18.005+/-0.006 χ^2/NDF : 743613.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.513+/-0.004 χ^2/NDF : 1603564.4/26

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

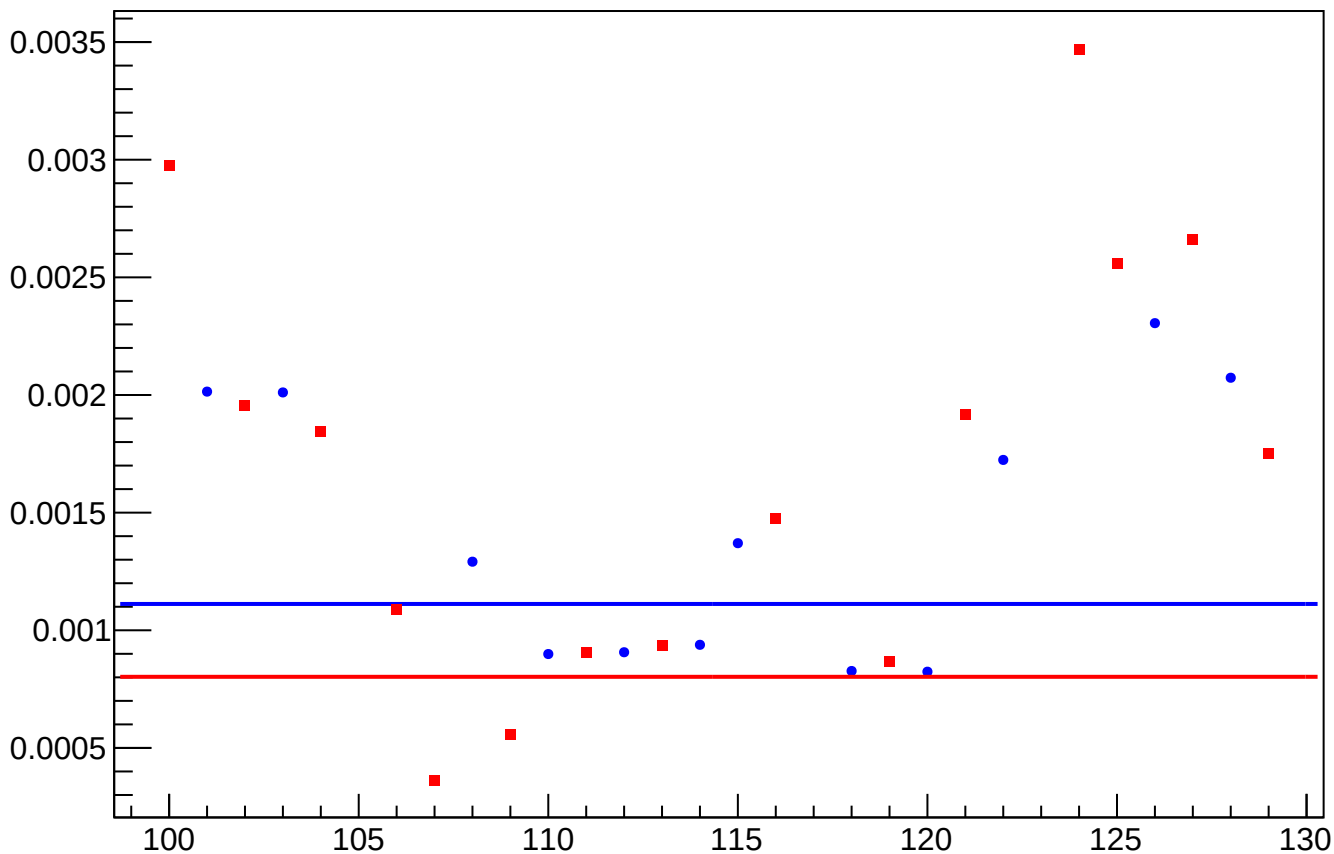
Right: 0.000+/-0.000 χ^2/NDF : 20.0/26

In: 0.000+/-0.000 χ^2/NDF : 9.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.0/26

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1359699.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 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

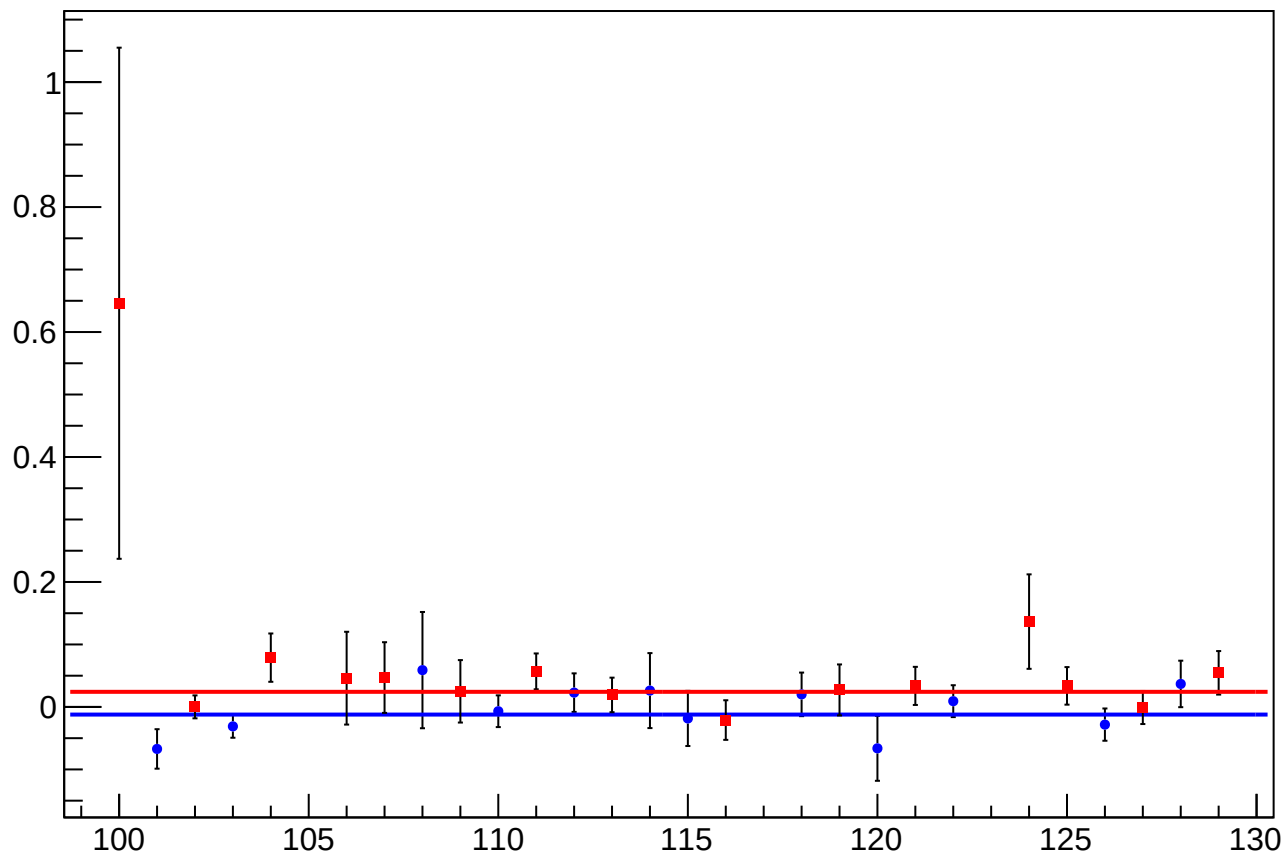
Right: 0.001+/-0.000 χ^2/NDF : 5230108.7/26

In: 0.001+/-0.000 χ^2/NDF : 1359699.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5230108.7/26

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.009 χ^2 /NDF: 11.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.024 $\pm$ 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

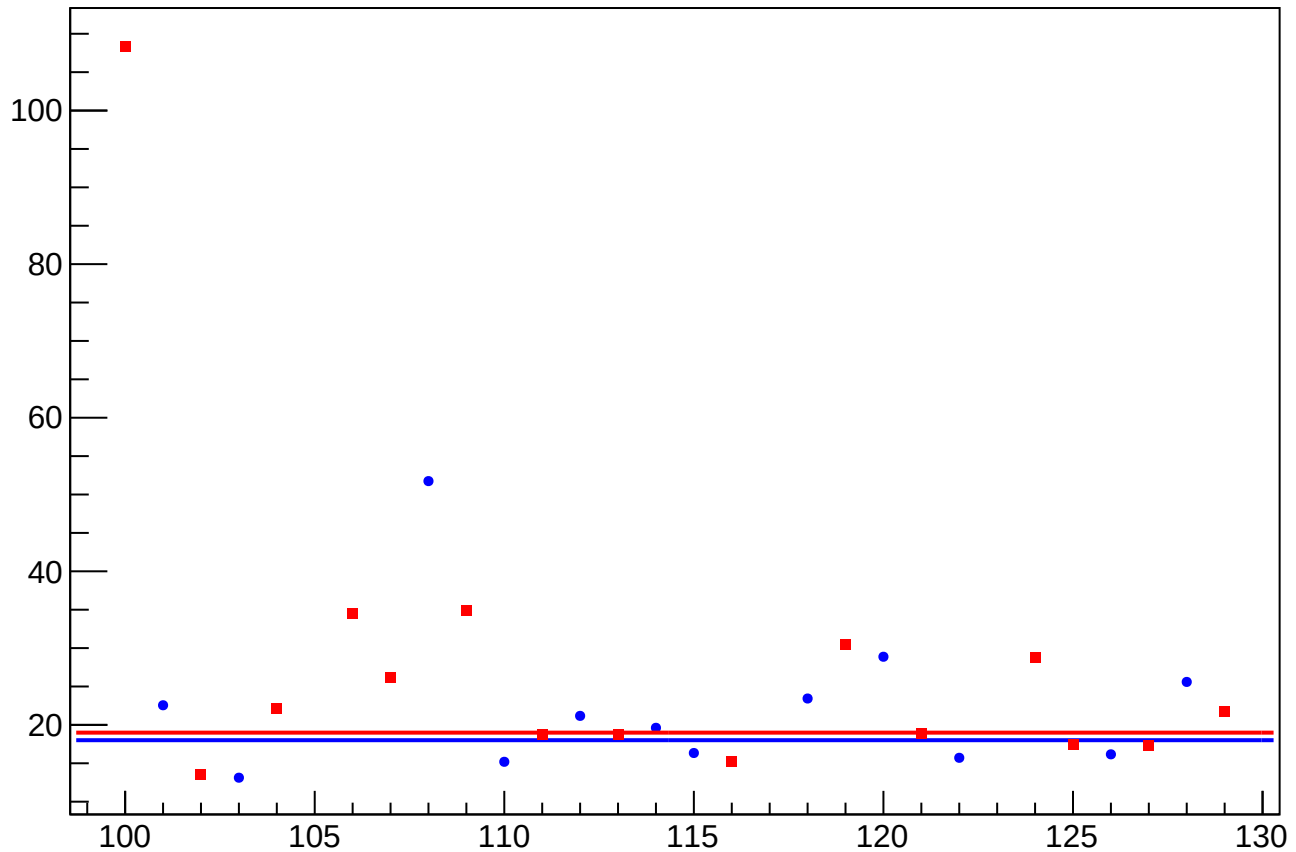
Right: 0.007 $\pm$ 0.006 χ^2 /NDF: 33.5/26

In: -0.012 $\pm$ 0.009 χ^2 /NDF:11.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.007 $\pm$ 0.006 χ^2 /NDF: 33.5/26

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.006+/-0.006 χ^2/NDF : 743533.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.991+/-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

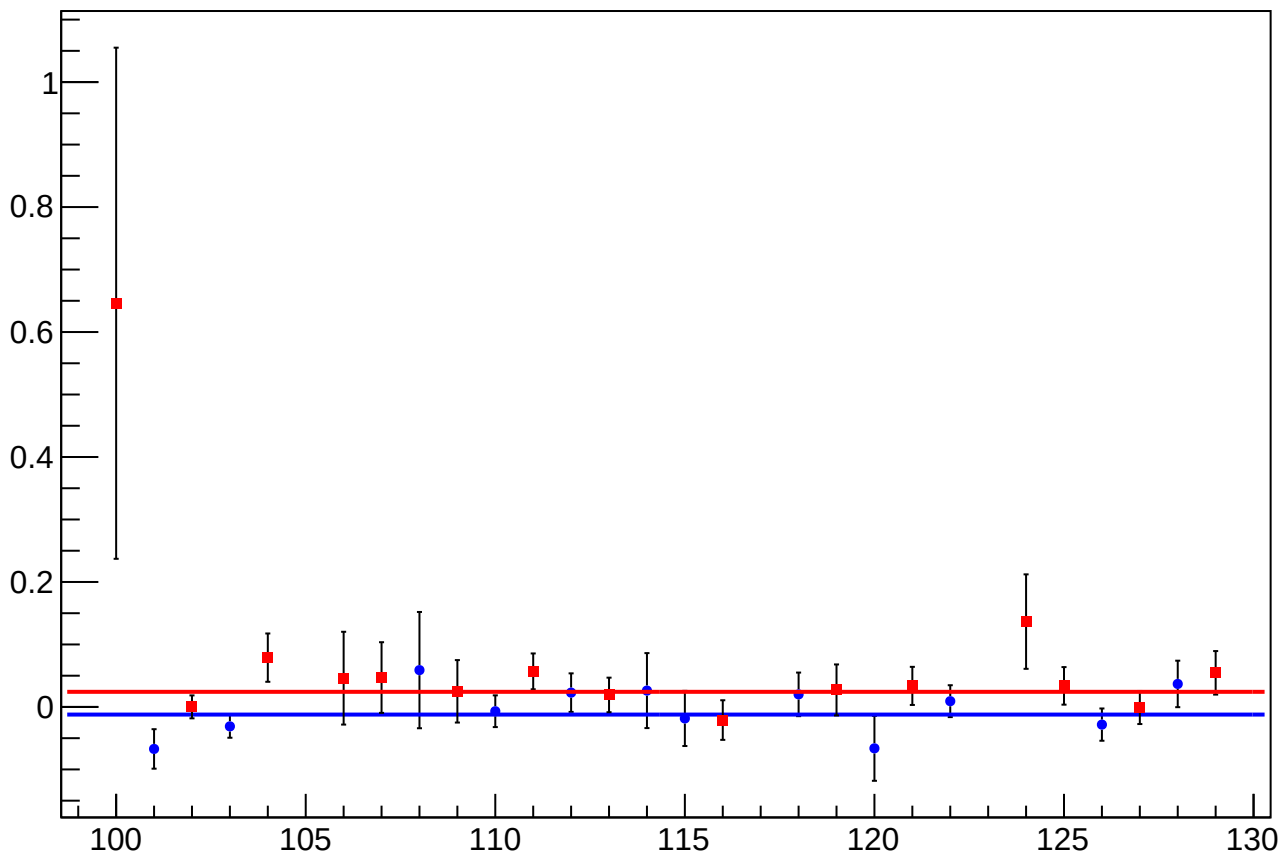
Right: 18.514+/-0.004 χ^2/NDF : 1603342.3/26

In: 18.006+/-0.006 χ^2/NDF : 743533.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.514+/-0.004 χ^2/NDF : 1603342.3/26

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.009 χ^2 /NDF: 11.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.024 $\pm$ 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

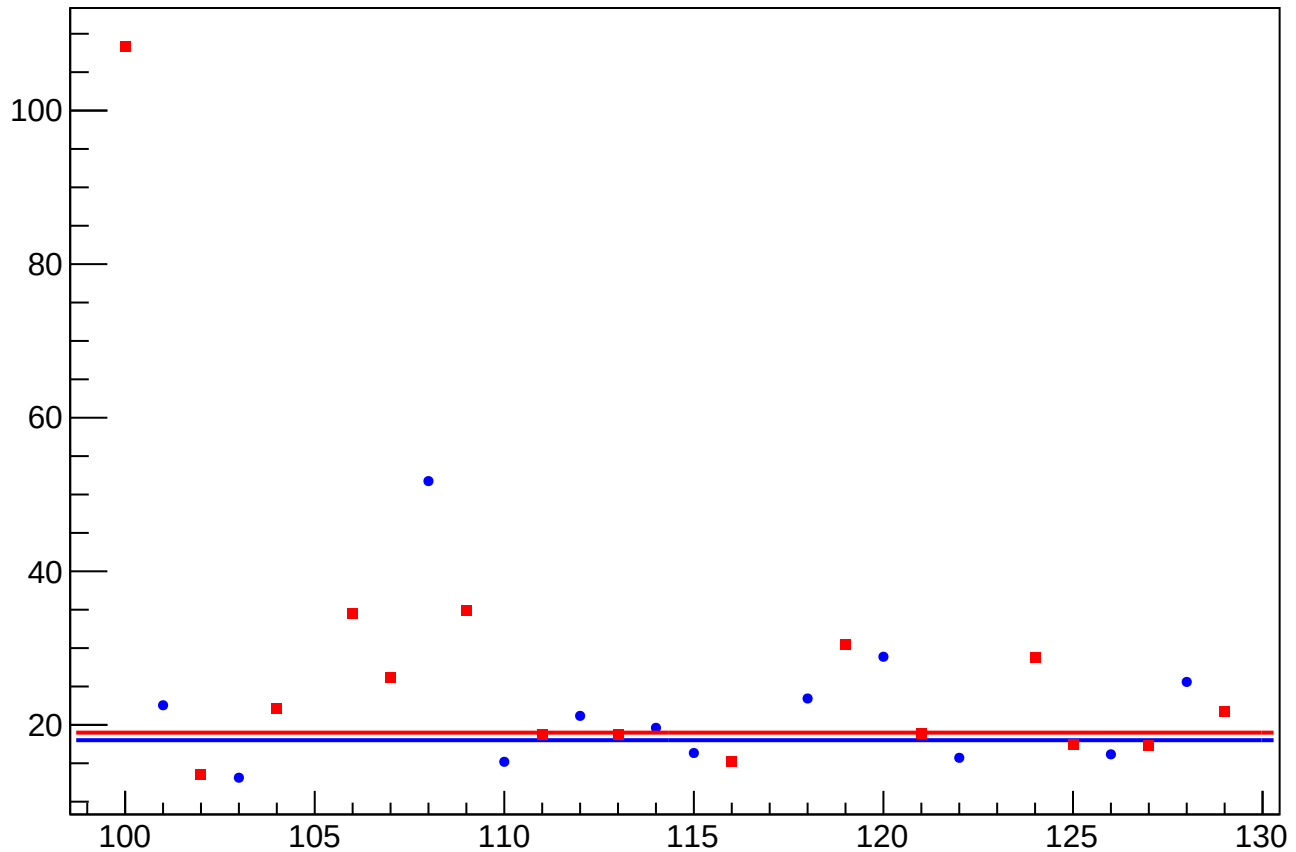
Right: 0.007 $\pm$ 0.006 χ^2 /NDF: 33.5/26

In: -0.012 $\pm$ 0.009 χ^2 /NDF:11.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.007 $\pm$ 0.006 χ^2 /NDF: 33.5/26

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.006+/-0.006 χ^2/NDF : 743533.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.991+/-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

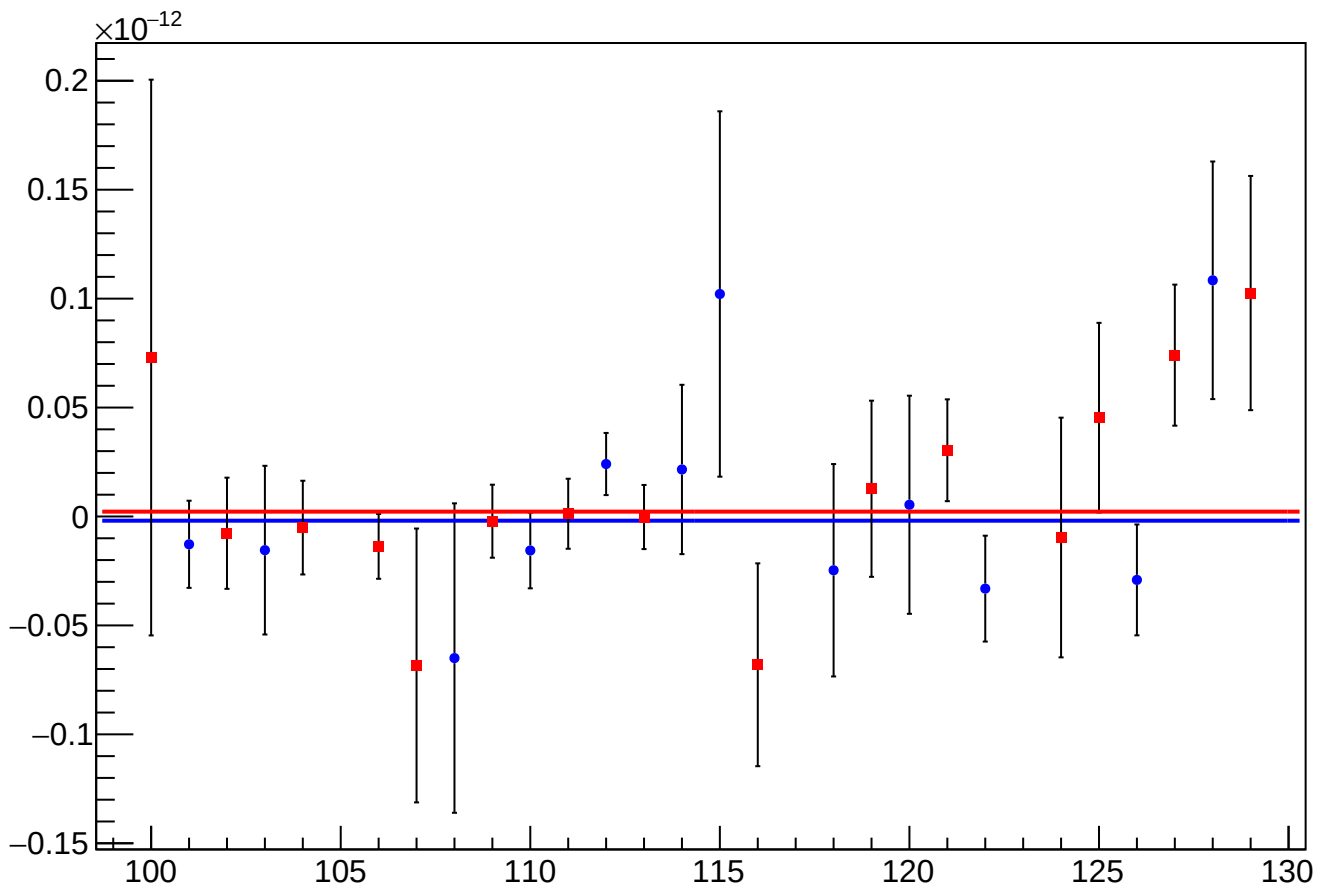
Right: 18.514+/-0.004 χ^2/NDF : 1603342.3/26

In: 18.006+/-0.006 χ^2/NDF : 743533.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.514+/-0.004 χ^2/NDF : 1603342.3/26

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.2/11

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

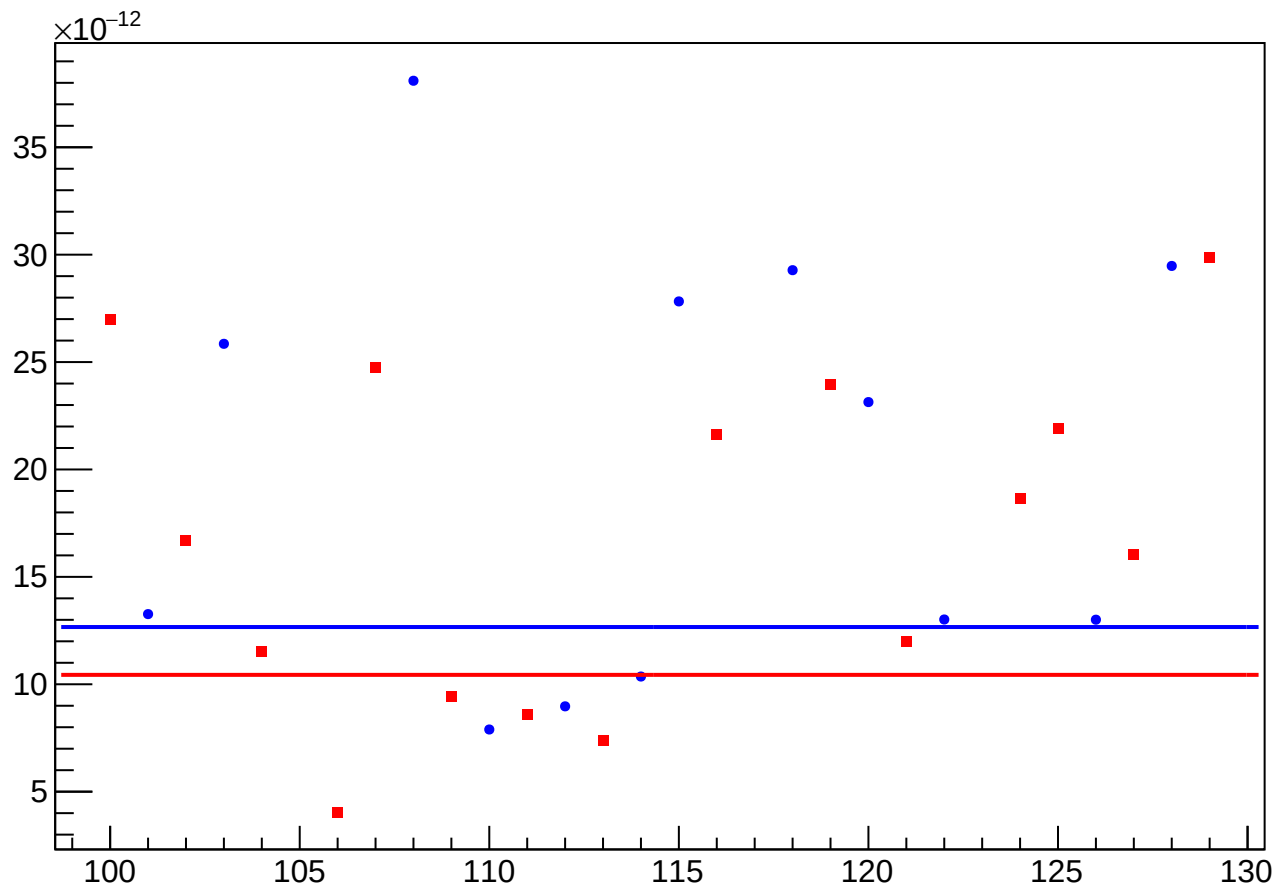
Right: 0.000+/-0.000 χ^2/NDF : 30.7/26

In: -0.000+/-0.000 χ^2/NDF : 14.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.7/26

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1357811.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

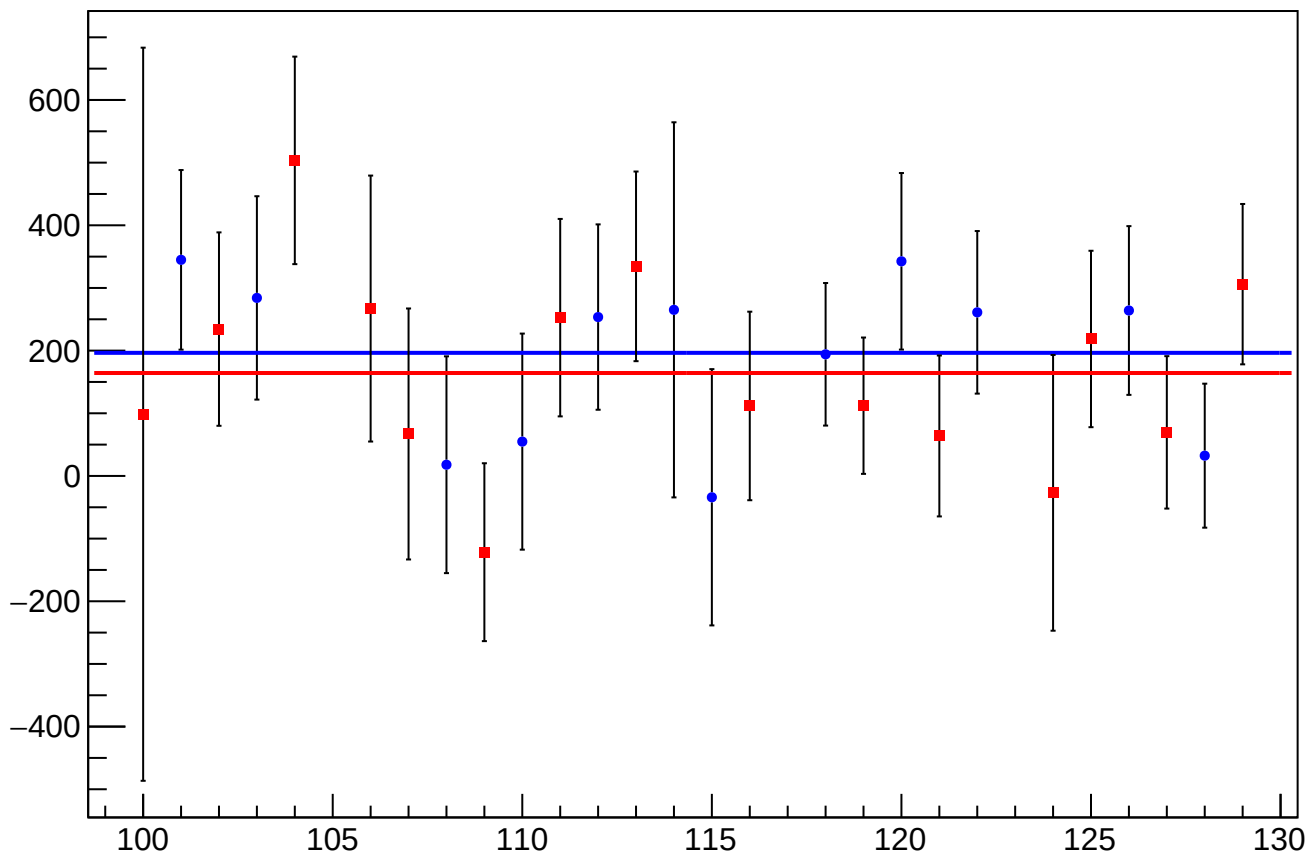
Right: 0.000+/-0.000 χ^2/NDF : 3066074.7/26

In: 0.000+/-0.000 χ^2/NDF : 1357811.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3066074.7/26

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 196.461 $\pm$ 42.545 χ^2 /NDF: 8.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 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

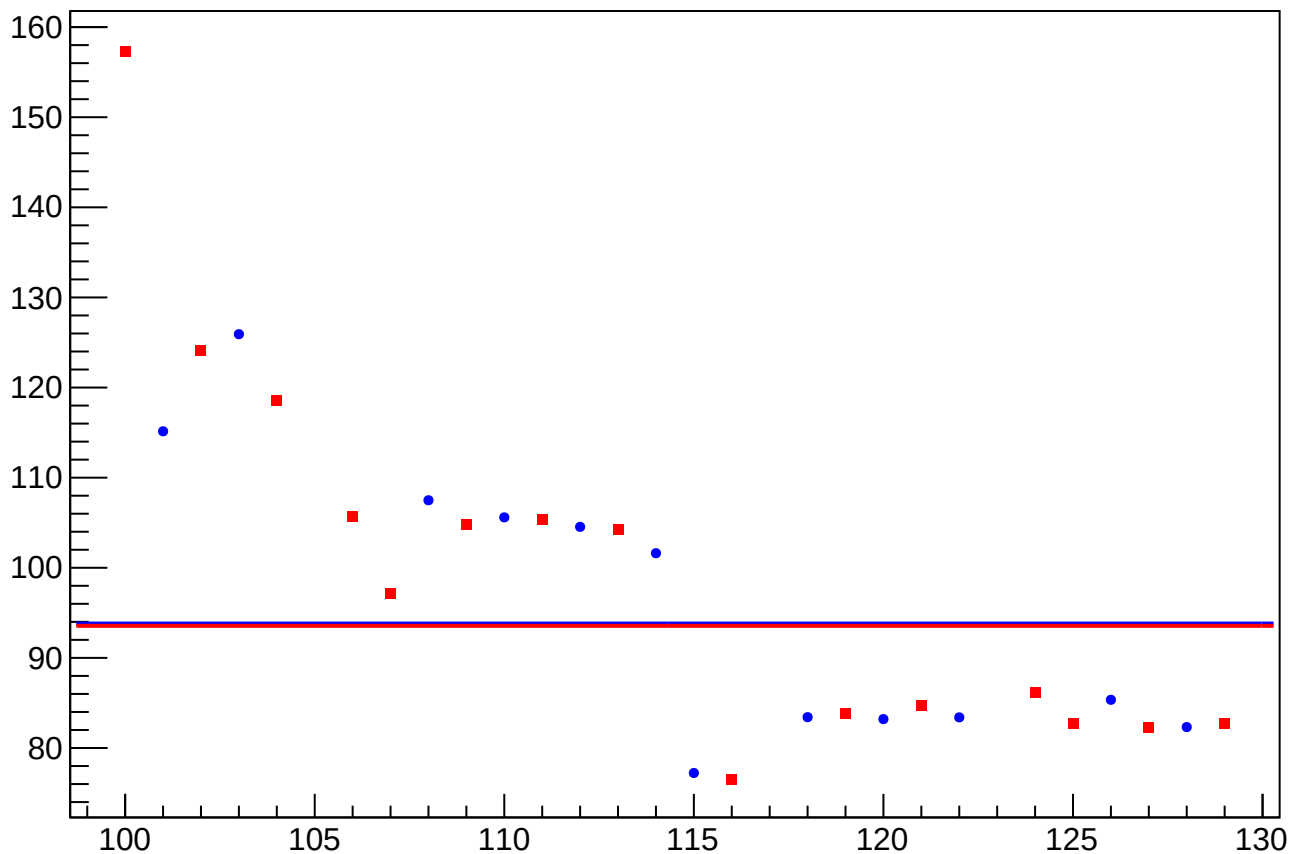
Right: 179.048 $\pm$ 28.823 χ^2 /NDF: 22.7/26

In: 196.461 $\pm$ 42.545 χ^2 /NDF: 8.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 179.048 $\pm$ 28.823 χ^2 /NDF: 22.7/26

reg_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 93.812+/-0.030 χ^2/NDF : 238303.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

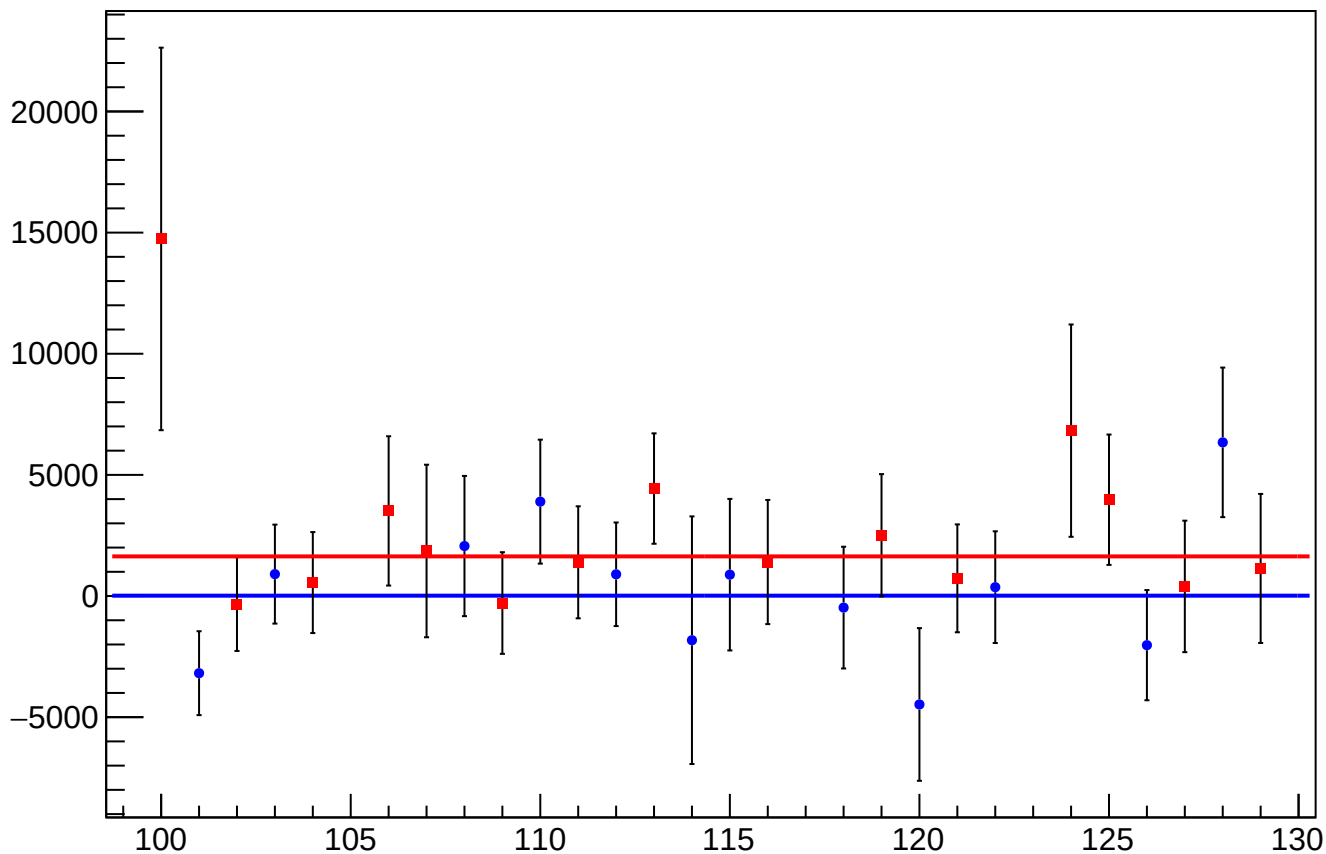
Right: 93.676+/-0.020 χ^2/NDF : 523503.5/26

In: 93.812+/-0.030 χ^2/NDF : 238303.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.676+/-0.020 χ^2/NDF : 523503.5/26

asym_sam_24_68_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 14.585+/-715.994 χ^2/NDF : 13.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

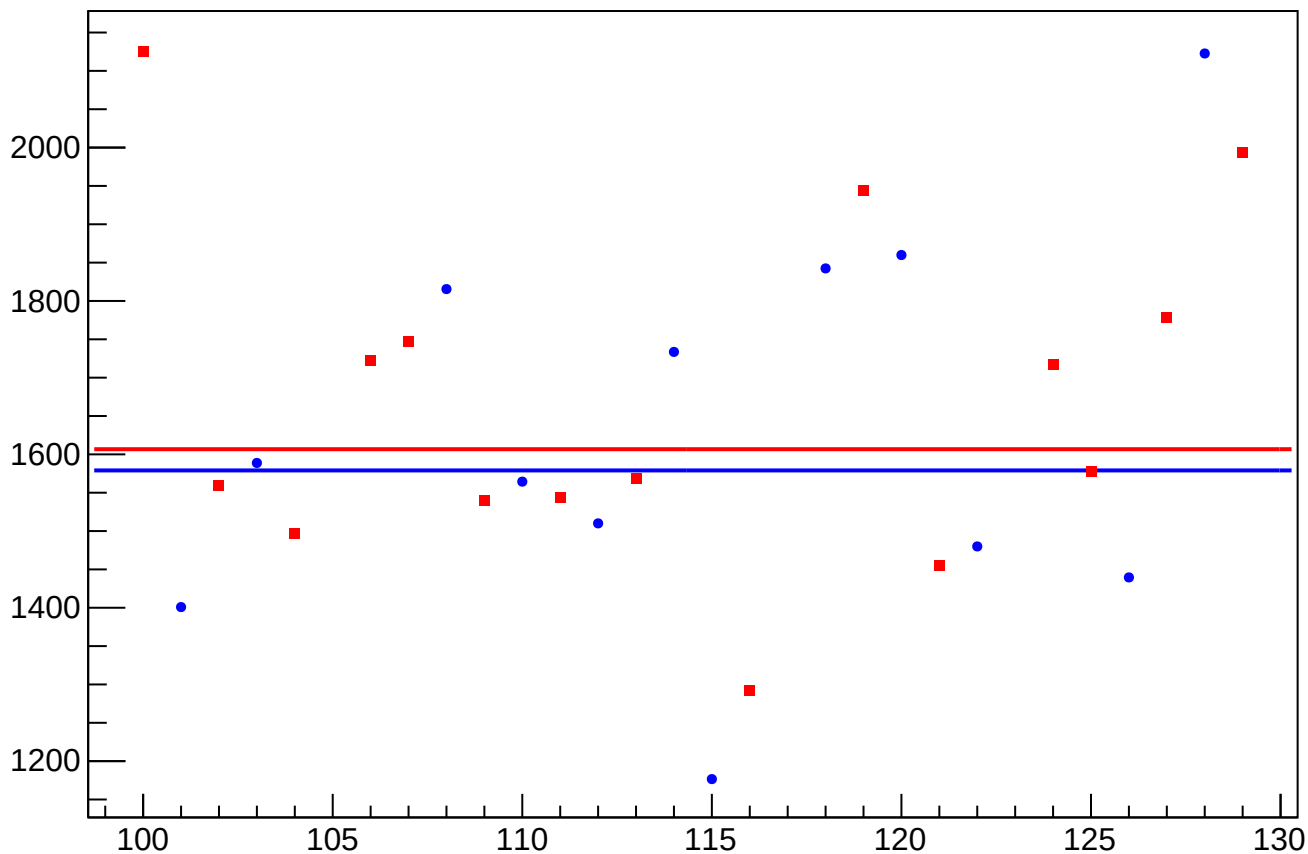
Right: 882.550+/-488.073 χ^2/NDF : 26.1/26

In: 14.585+/-715.994 χ^2/NDF : 13.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 882.550+/-488.073 χ^2/NDF : 26.1/26

asym_sam_24_68_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1579.051+/-0.506 χ^2/NDF : 182812.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

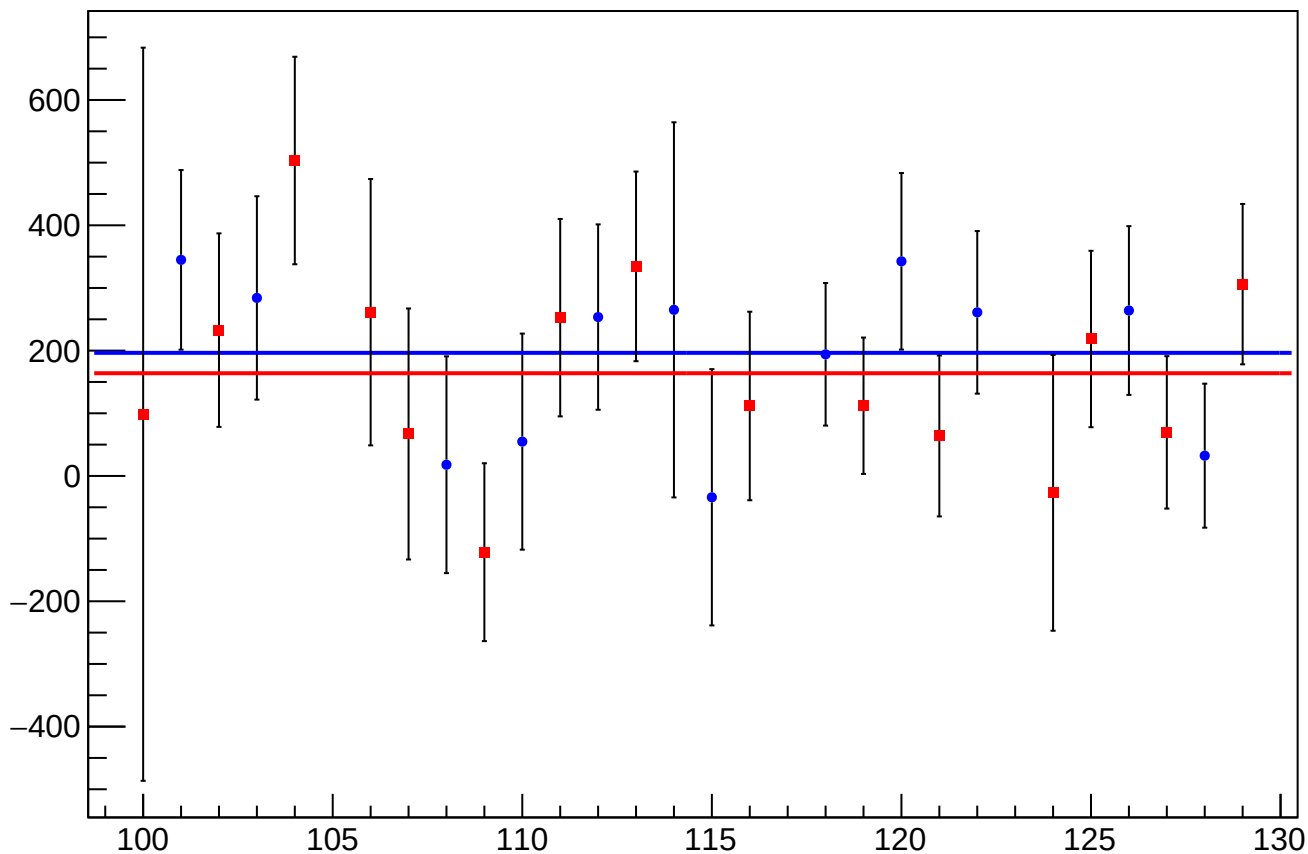
Right: 1593.868+/-0.345 χ^2/NDF : 326154.5/26

In: 1579.051+/-0.506 χ^2/NDF : 182812.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1593.868+/-0.345 χ^2/NDF : 326154.5/26

cor_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 196.460 $\pm$ 42.545 χ^2 /NDF: 8.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 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

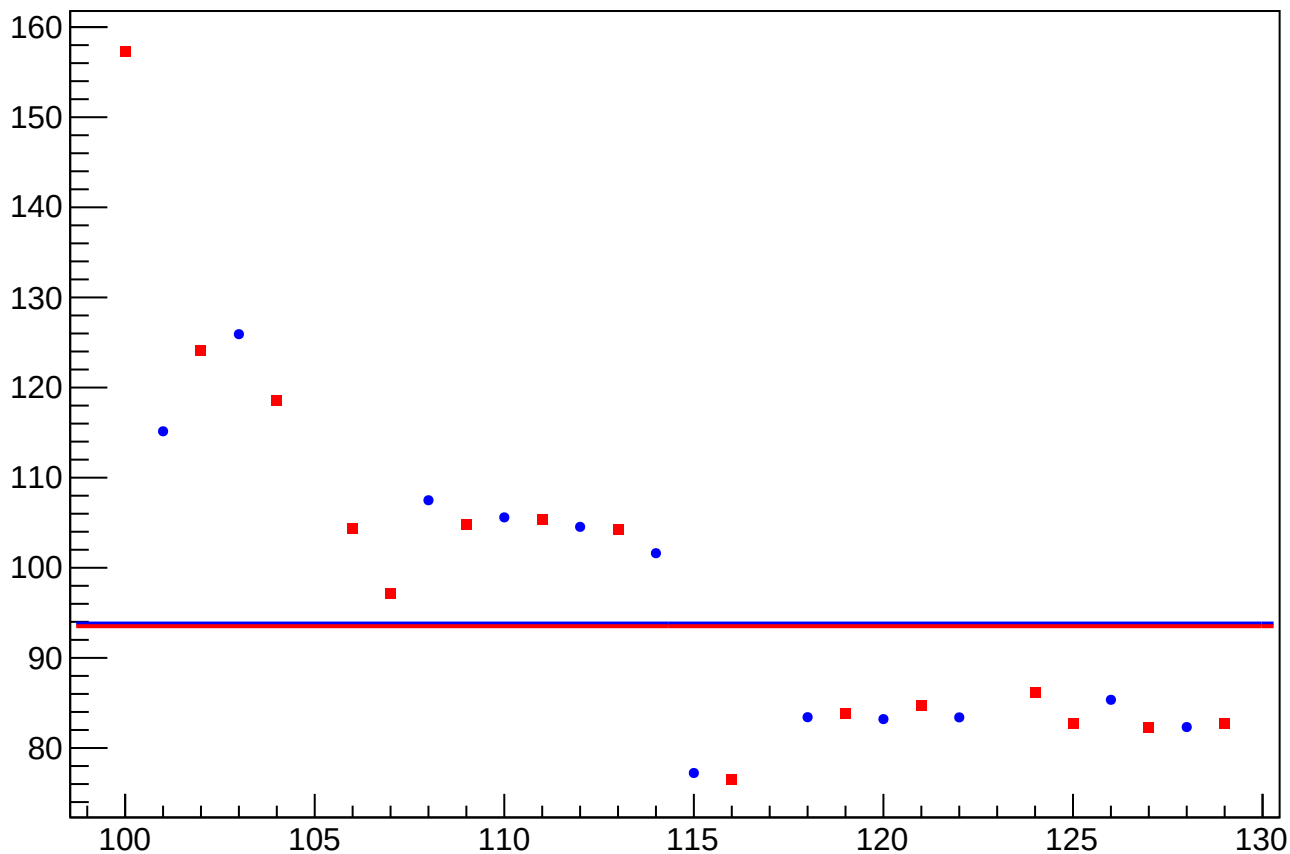
Right: 178.868 $\pm$ 28.824 χ^2 /NDF: 22.7/26

In: 196.460 $\pm$ 42.545 χ^2 /NDF: 8.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 178.868 $\pm$ 28.824 χ^2 /NDF: 22.7/26

cor_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 93.812+/-0.030 χ^2/NDF : 238304.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

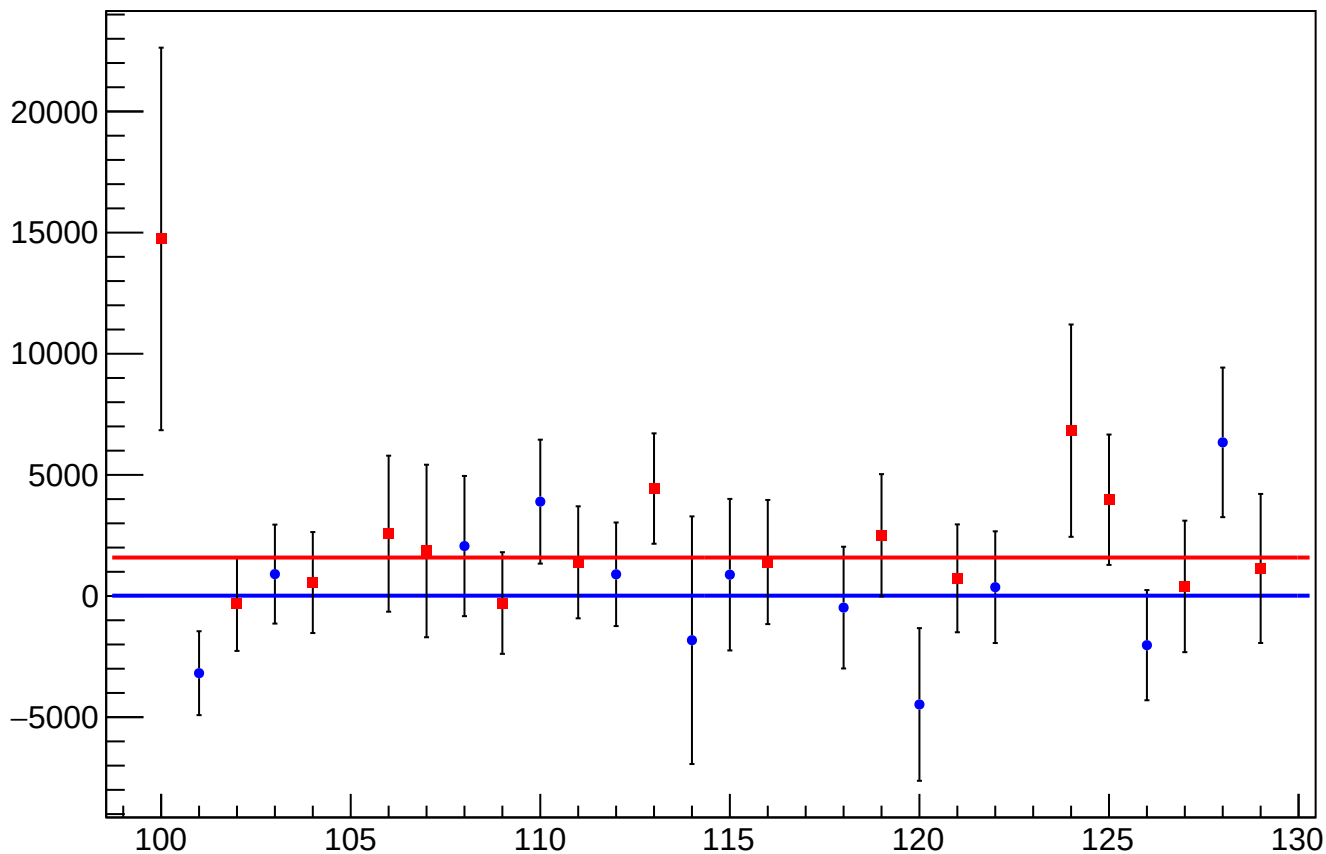
Right: 93.652+/-0.020 χ^2/NDF : 522414.3/26

In: 93.812+/-0.030 χ^2/NDF : 238304.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.652+/-0.020 χ^2/NDF : 522414.3/26

asym_sam_24_68_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 14.637 $\pm$ 715.997 χ^2/NDF : 13.9/11

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

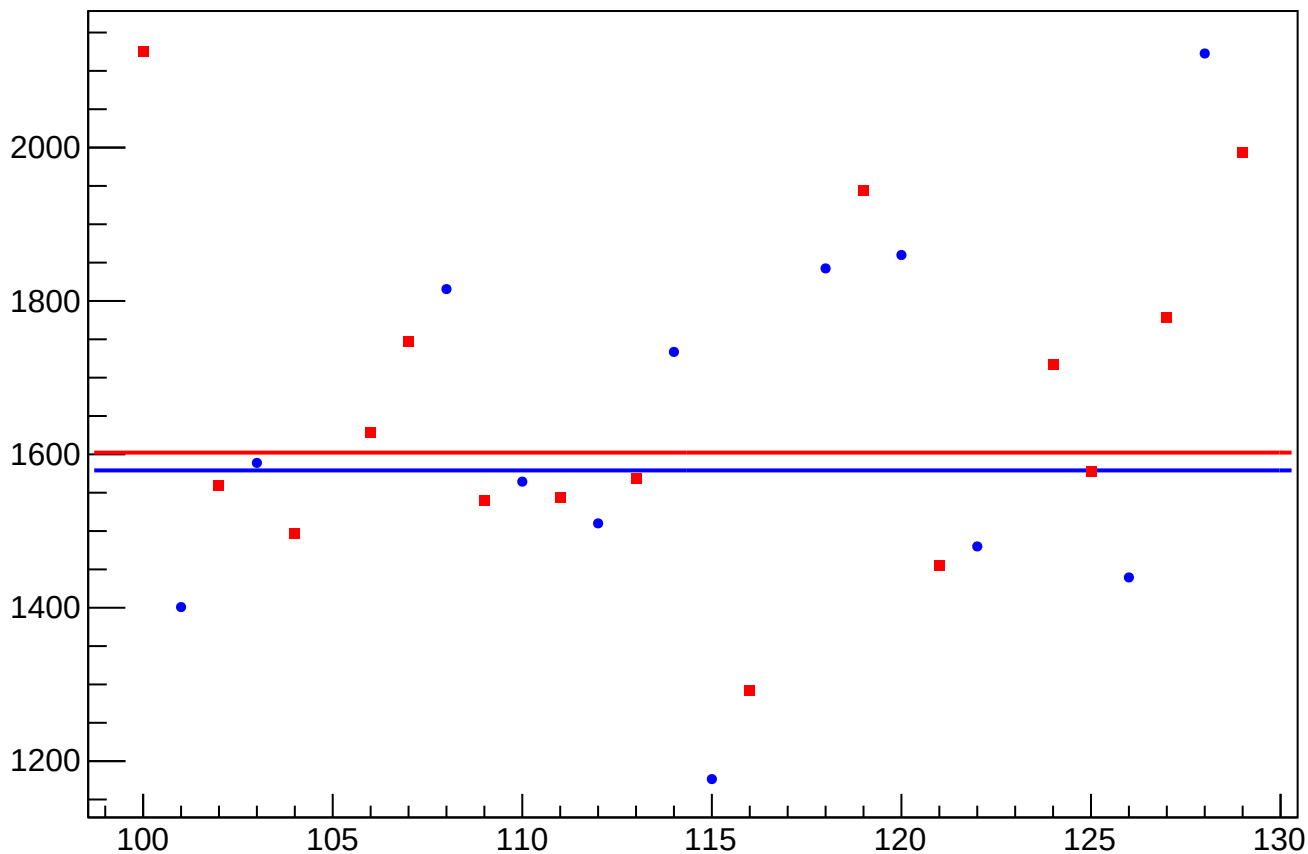
Right: 855.646 $\pm$ 488.603 χ^2/NDF : 25.7/26

In: 14.637 $\pm$ 715.997 χ^2/NDF :13.9/11

Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

All: 855.646 $\pm$ 488.603 χ^2/NDF : 25.7/26

asym_sam_24_68_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1579.058+/-0.506 χ^2/NDF : 182813.1/11

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

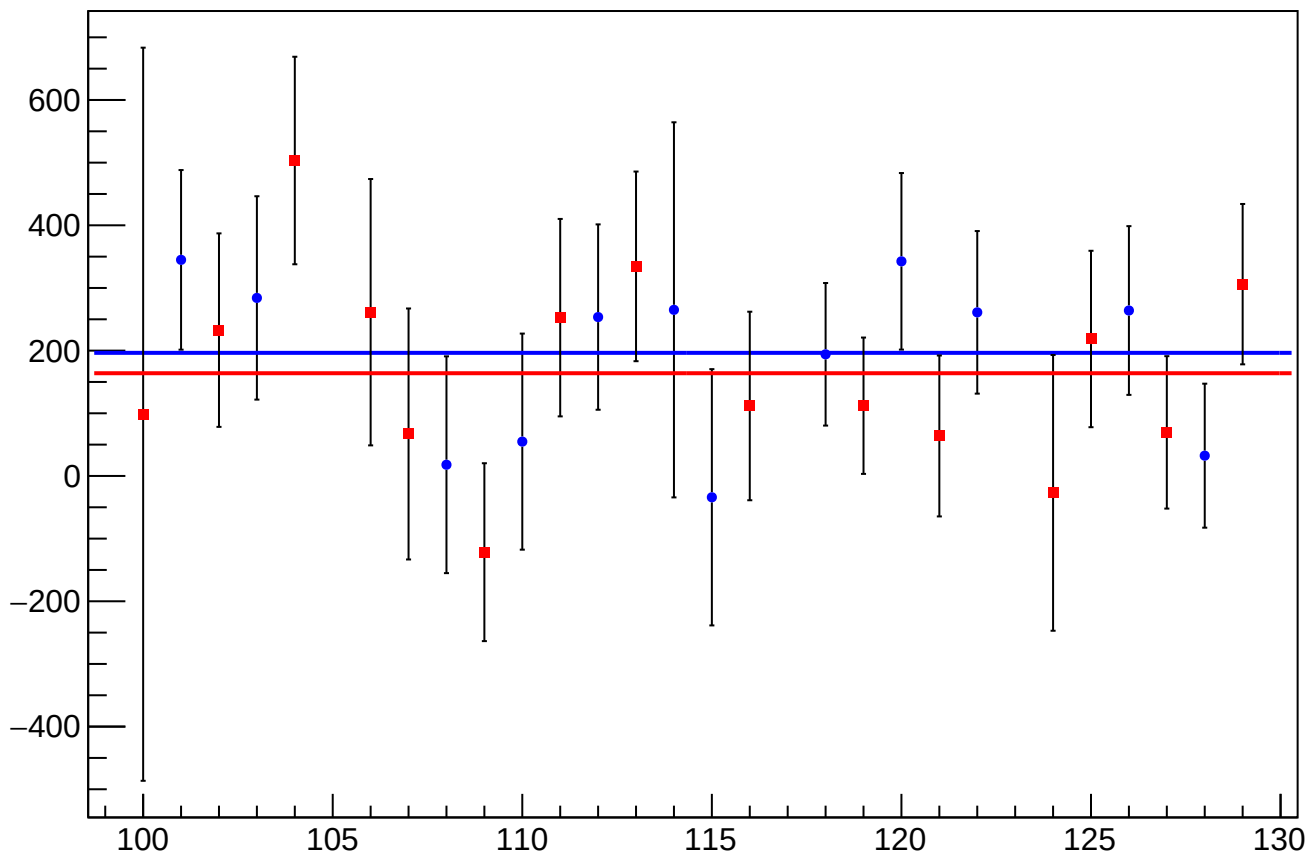
Right: 1591.476+/-0.345 χ^2/NDF : 322833.3/26

In: 1579.058+/-0.506 χ^2/NDF : 182813.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1591.476+/-0.345 χ^2/NDF : 322833.3/26

eigen_cor_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 196.460 $\pm$ 42.545 χ^2 /NDF: 8.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 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

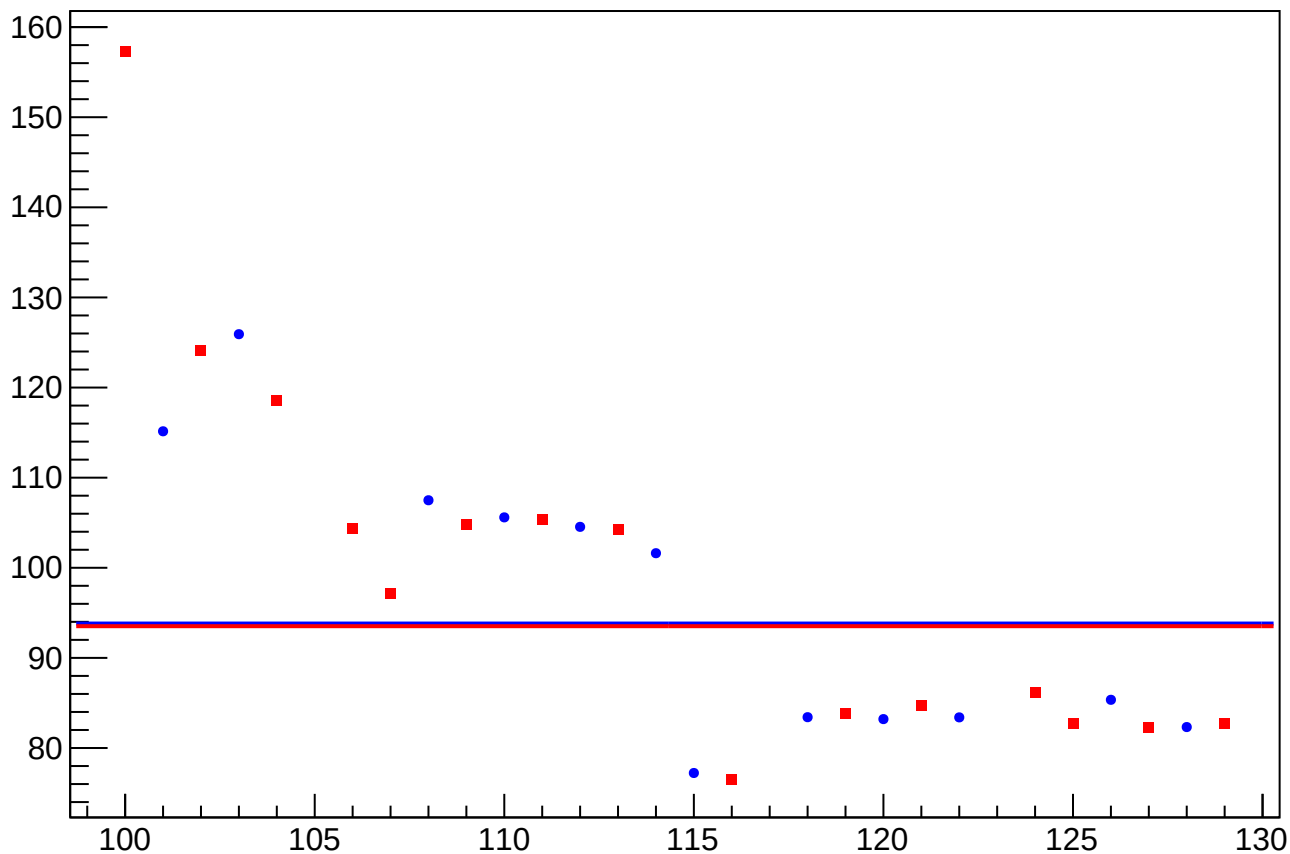
Right: 178.868 $\pm$ 28.824 χ^2 /NDF: 22.7/26

In: 196.460 $\pm$ 42.545 χ^2 /NDF:8.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 178.868 $\pm$ 28.824 χ^2 /NDF: 22.7/26

eigen_cor_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 93.812 $\pm$ 0.030 χ^2 /NDF: 238304.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 93.517 $\pm$ 0.028 χ^2 /NDF: 284057.6/14

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

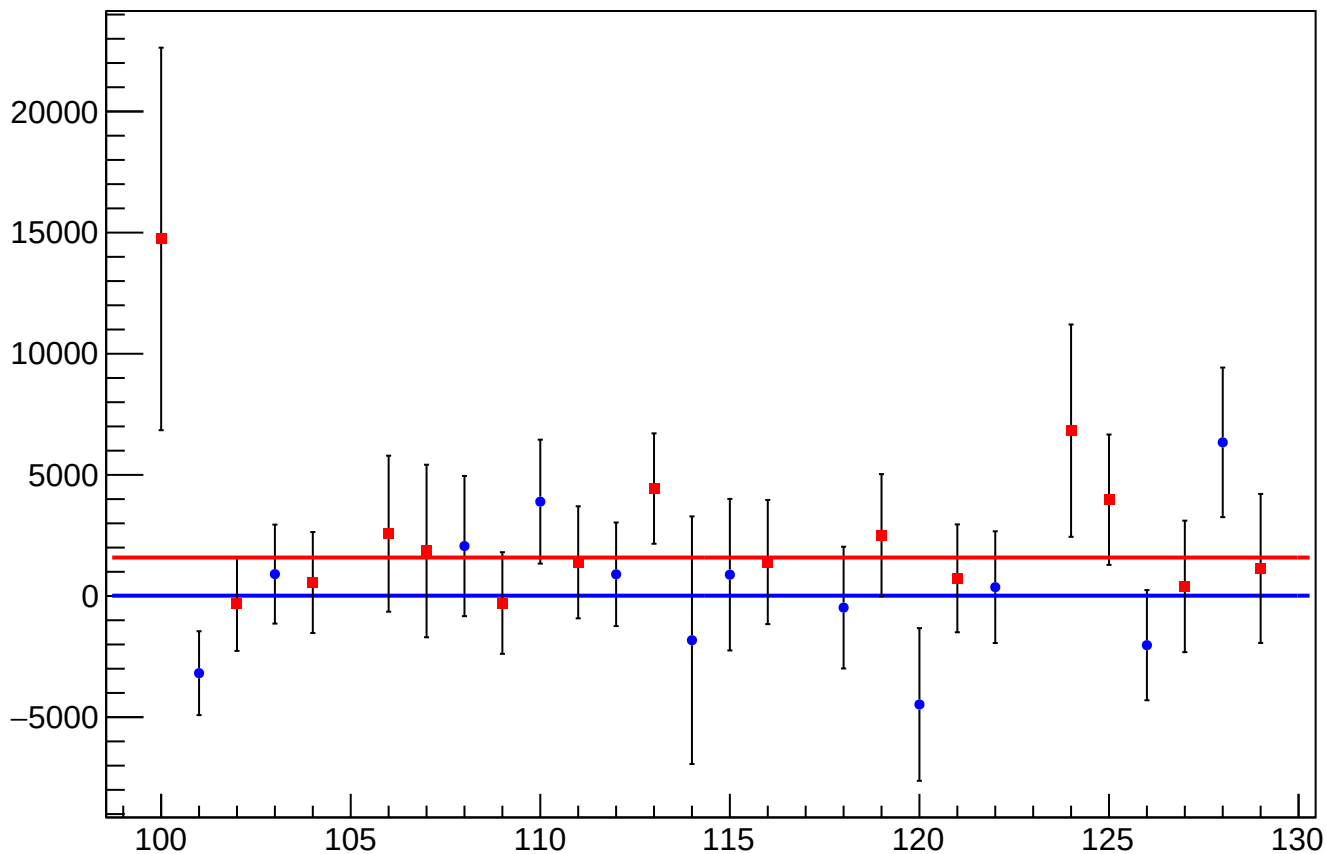
Right: 93.652 $\pm$ 0.020 χ^2 /NDF: 522414.3/26

In: 93.812 $\pm$ 0.030 χ^2 /NDF:238304.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 93.652 $\pm$ 0.020 χ^2 /NDF: 522414.3/26

asym_sam_24_68_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 14.637 $\pm$ 715.997 χ^2 /NDF: 13.9/11

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

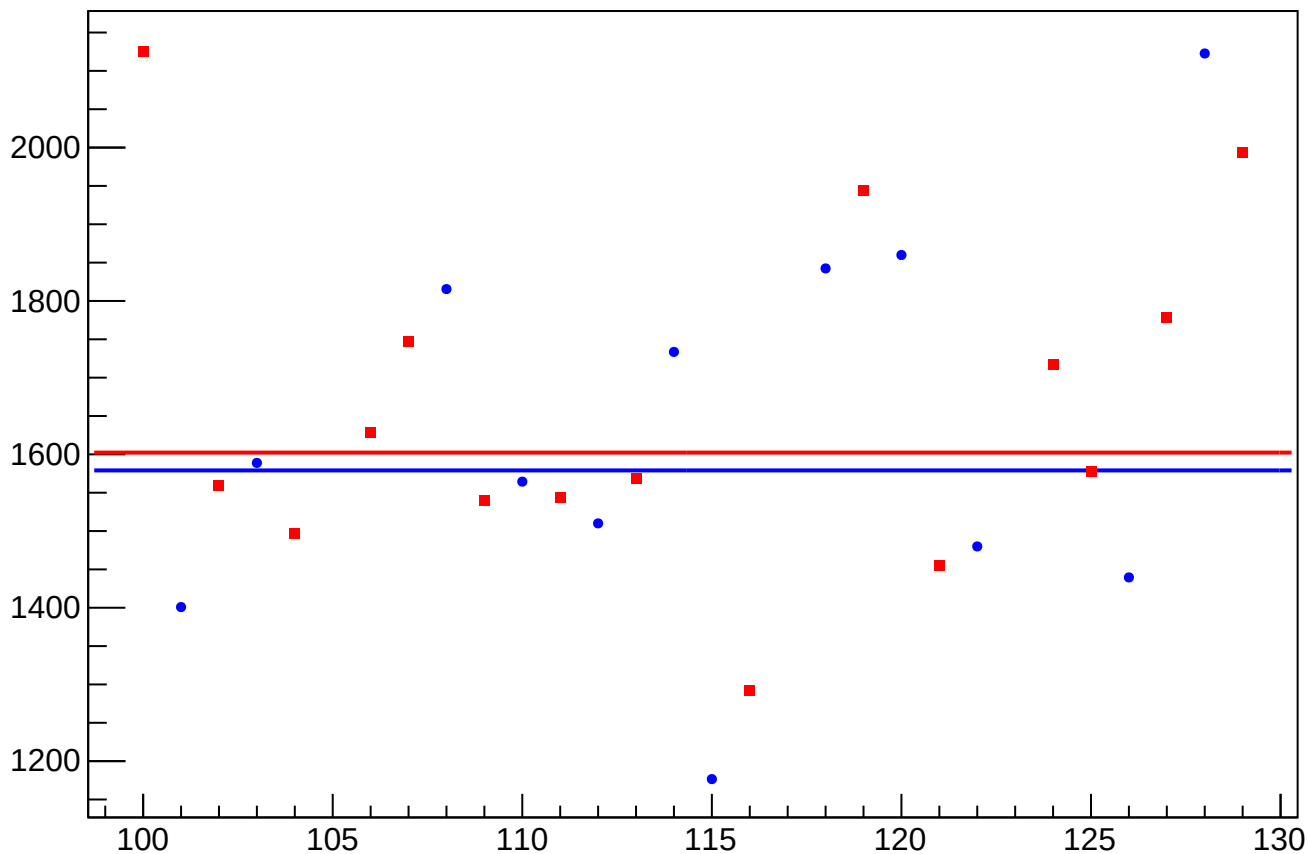
Right: 855.646 $\pm$ 488.603 χ^2 /NDF: 25.7/26

In: 14.637 $\pm$ 715.997 χ^2 /NDF:13.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 855.646 $\pm$ 488.603 χ^2 /NDF: 25.7/26

asym_sam_24_68_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1579.058 $\pm$ 0.506 χ^2 /NDF: 182813.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1602.299 $\pm$ 0.473 χ^2 /NDF: 138894.3/14

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

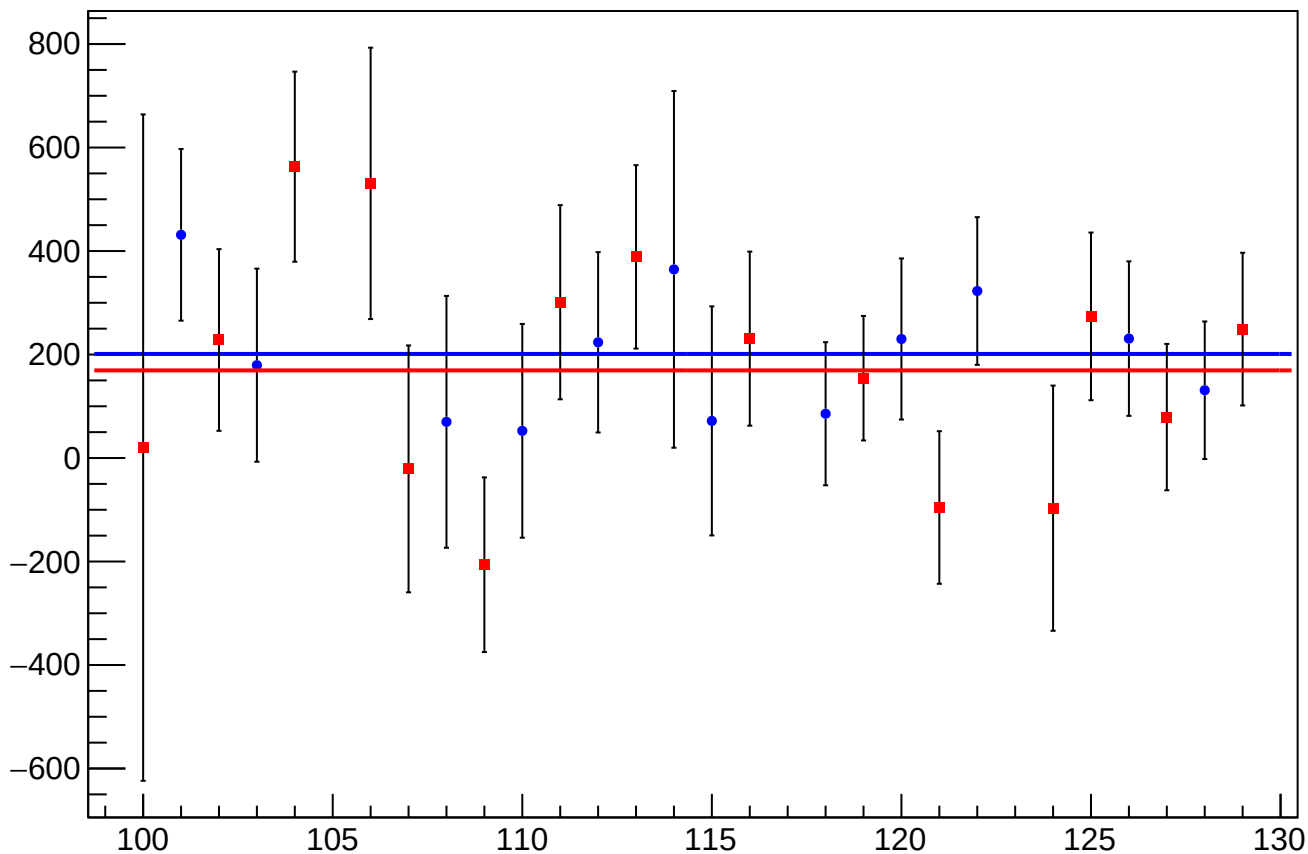
Right: 1591.476 $\pm$ 0.345 χ^2 /NDF: 322833.3/26

In: 1579.058 $\pm$ 0.506 χ^2 /NDF: 182813.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1591.476 $\pm$ 0.345 χ^2 /NDF: 322833.3/26

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 201.135+/-49.308 χ^2/NDF : 5.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.336+/-44.979 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

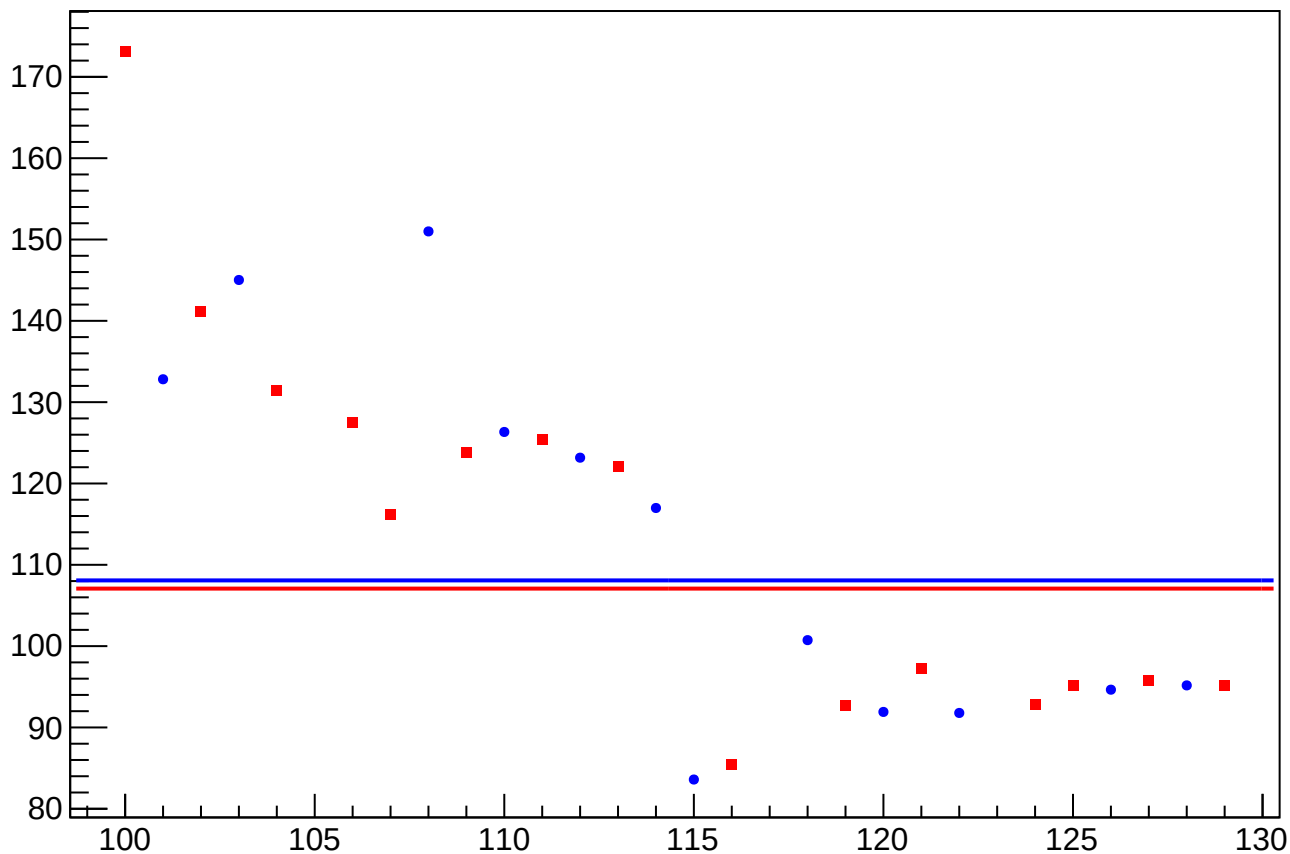
Right: 183.779+/-33.230 χ^2/NDF : 25.4/26

In: 201.135+/-49.308 χ^2/NDF : 5.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.779+/-33.230 χ^2/NDF : 25.4/26

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 108.083+/-0.035 χ^2/NDF : 329928.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

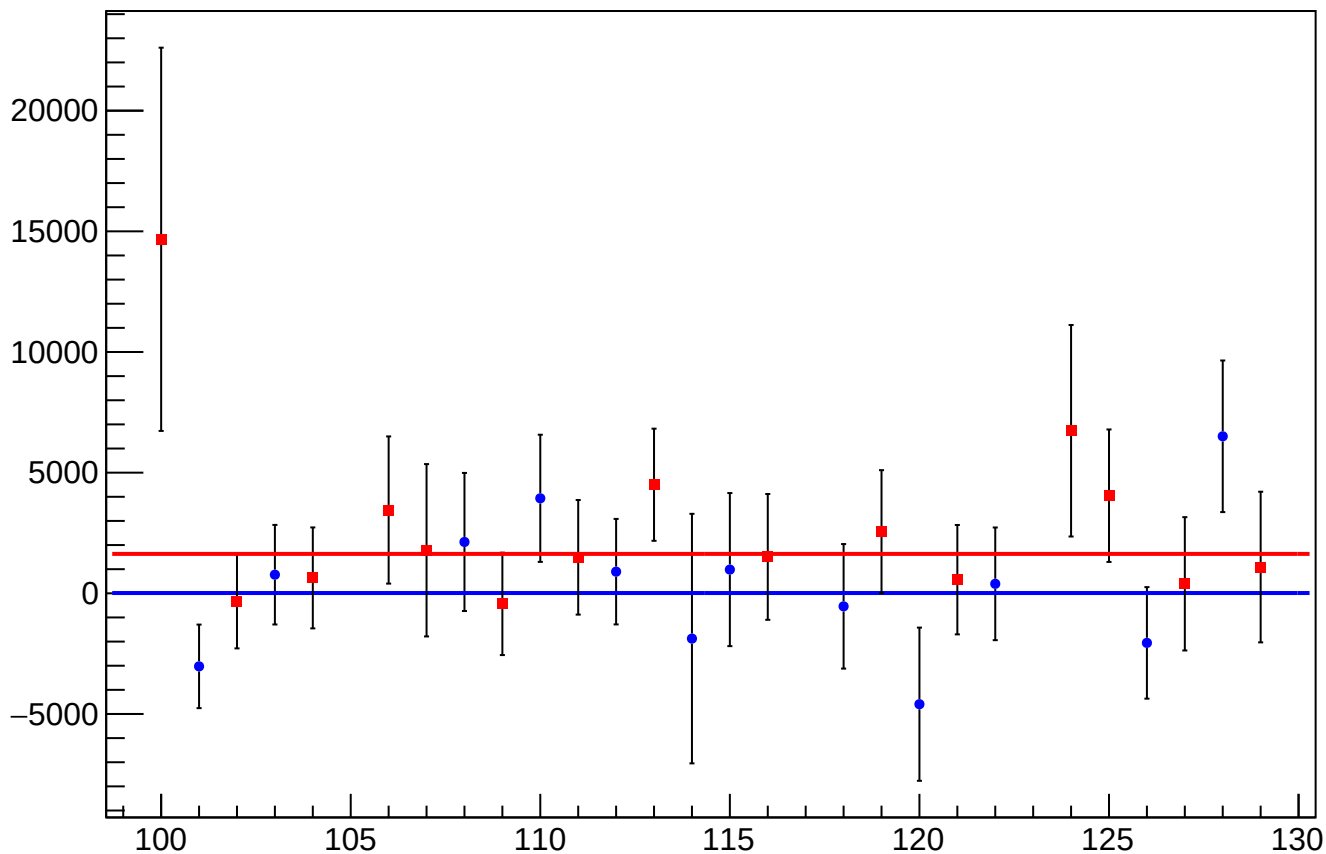
Right: 107.532+/-0.023 χ^2/NDF : 644541.0/26

In: 108.083+/-0.035 χ^2/NDF : 329928.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.532+/-0.023 χ^2/NDF : 644541.0/26

asym_sam_24_68_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 12.183+/-724.980 χ^2/NDF : 13.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

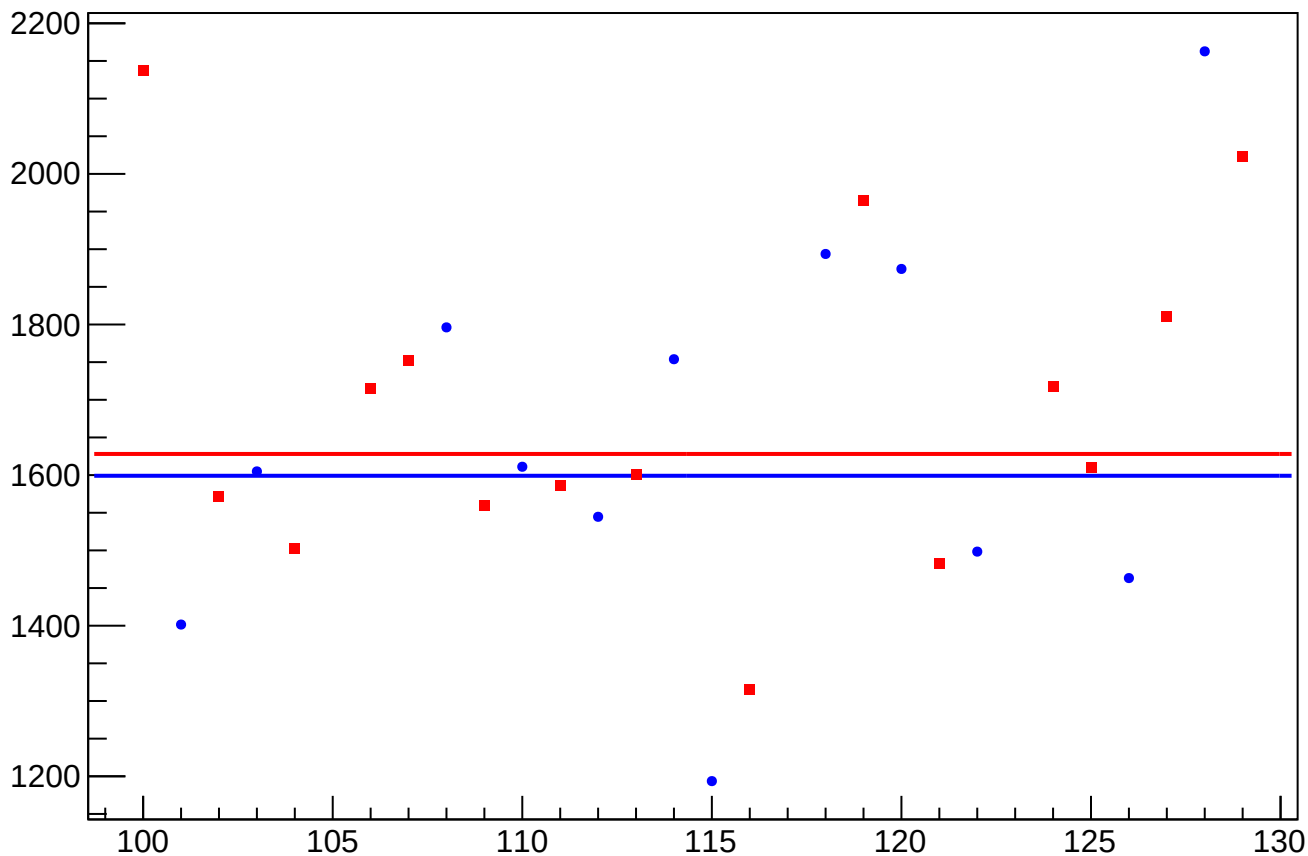
Right: 880.152+/-494.190 χ^2/NDF : 25.8/26

In: 12.183+/-724.980 χ^2/NDF : 13.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 880.152+/-494.190 χ^2/NDF : 25.8/26

asym_sam_24_68_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1599.109+/-0.513 χ^2/NDF : 187424.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

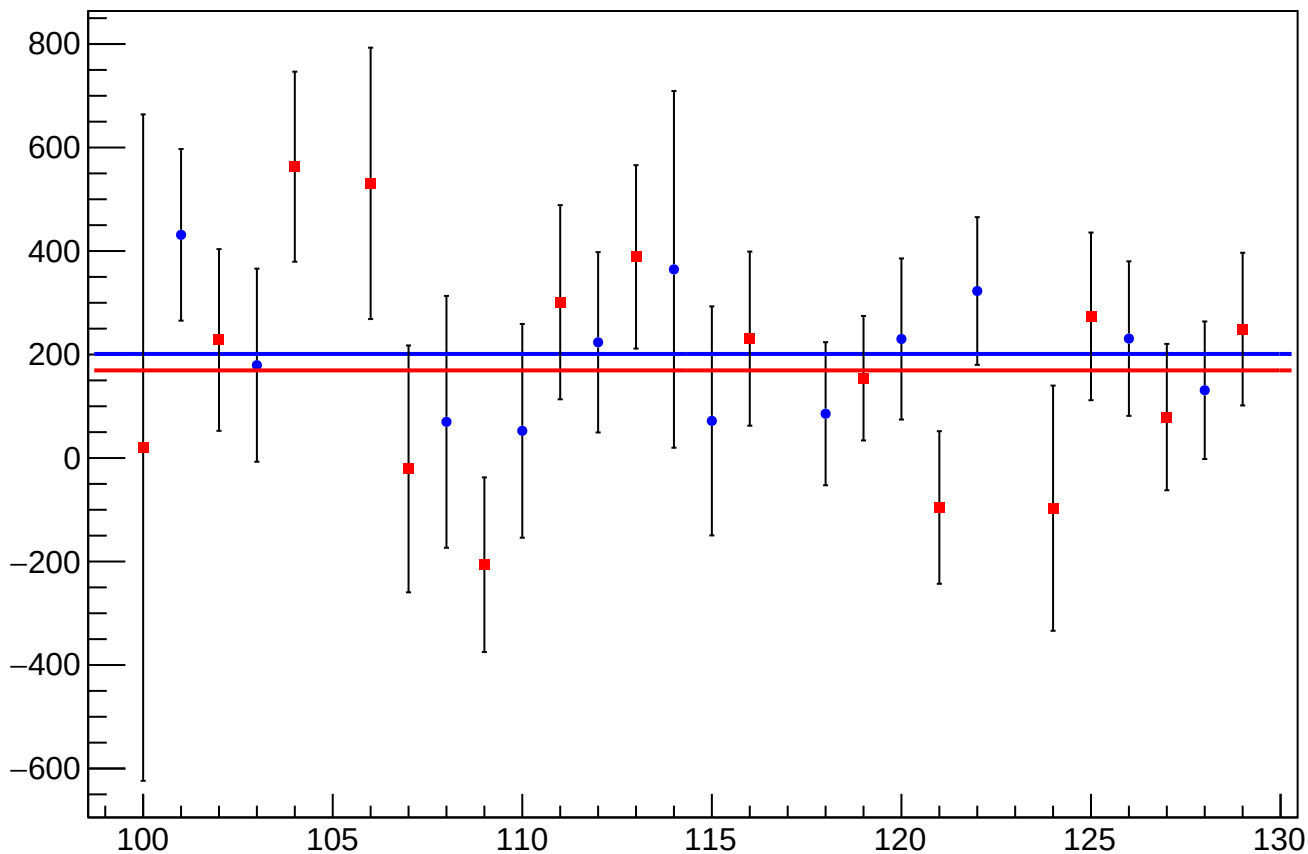
Right: 1614.620+/-0.349 χ^2/NDF : 326918.3/26

In: 1599.109+/-0.513 χ^2/NDF : 187424.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1614.620+/-0.349 χ^2/NDF : 326918.3/26

eigen_dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 201.133 $\pm$ 49.307 χ^2 /NDF: 5.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 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

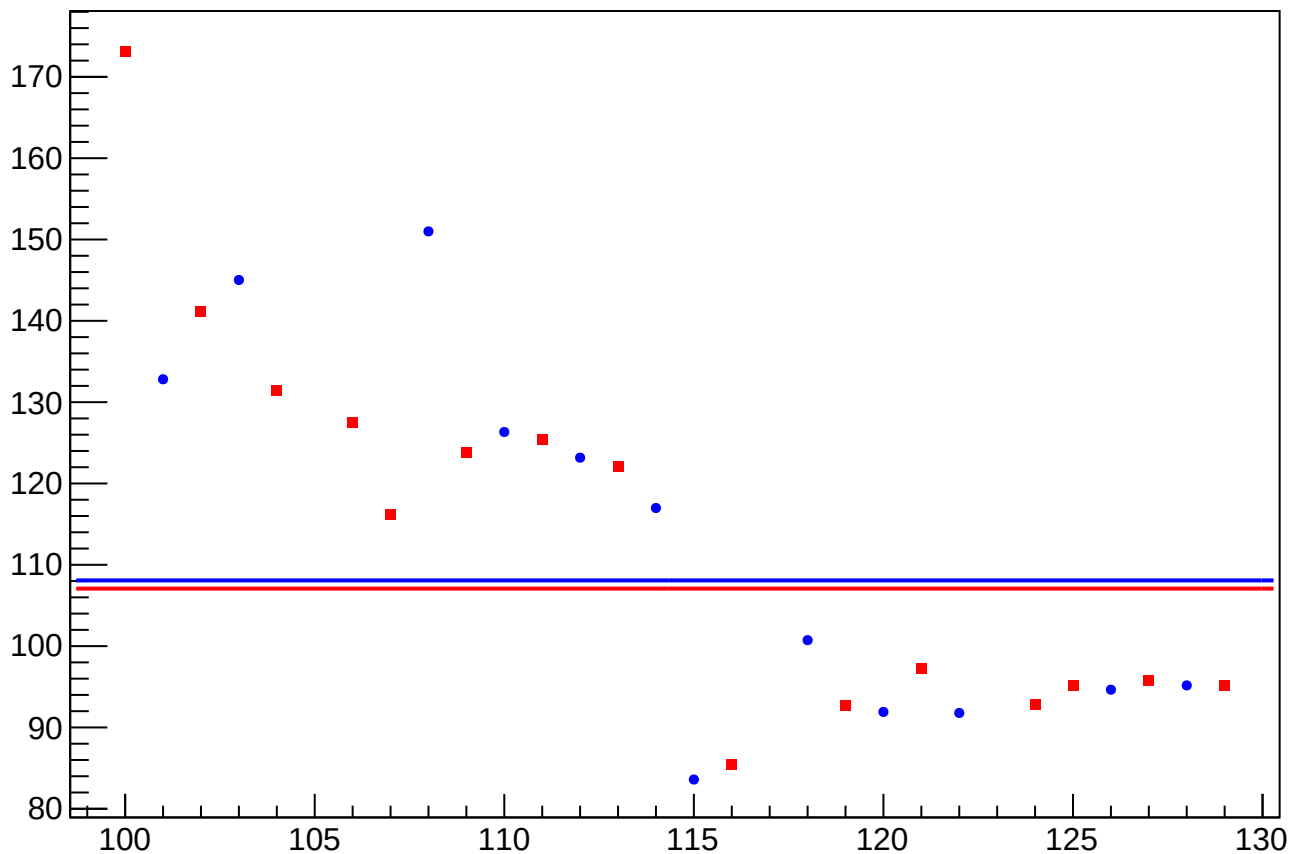
Right: 183.776 $\pm$ 33.230 χ^2 /NDF: 25.4/26

In: 201.133 $\pm$ 49.307 χ^2 /NDF:5.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 183.776 $\pm$ 33.230 χ^2 /NDF: 25.4/26

eigen_dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 108.082 $\pm$ 0.035 χ^2 /NDF: 329931.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 107.074 $\pm$ 0.032 χ^2 /NDF: 314156.0/14

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

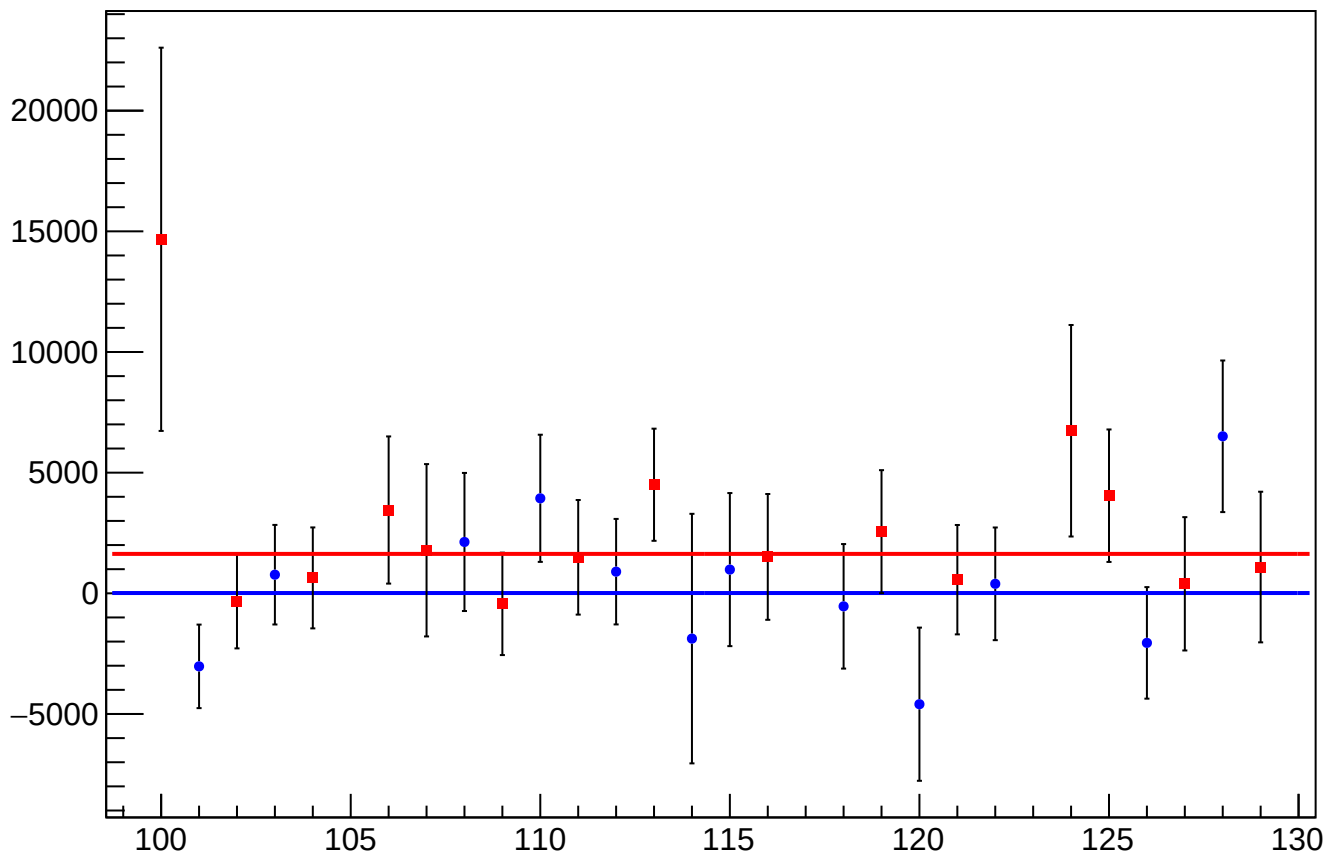
Right: 107.532 $\pm$ 0.023 χ^2 /NDF: 644544.0/26

In: 108.082 $\pm$ 0.035 χ^2 /NDF:329931.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 107.532 $\pm$ 0.023 χ^2 /NDF: 644544.0/26

asym_sam_24_68_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 12.186 $\pm$ 724.979 χ^2 /NDF: 13.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1633.524 $\pm$ 675.428 χ^2 /NDF: 9.5/14

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

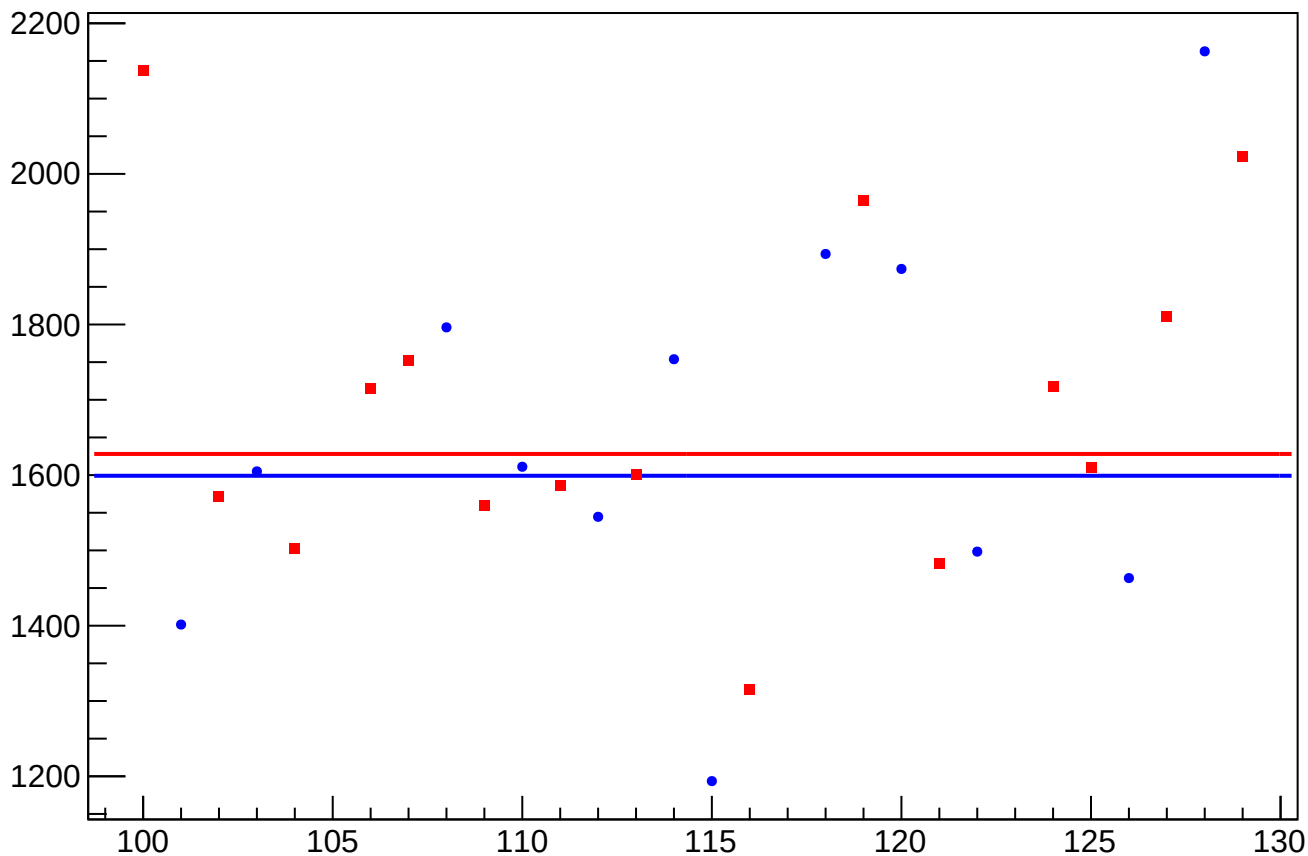
Right: 880.152 $\pm$ 494.189 χ^2 /NDF: 25.8/26

In: 12.186 $\pm$ 724.979 χ^2 /NDF: 13.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 880.152 $\pm$ 494.189 χ^2 /NDF: 25.8/26

asym_sam_24_68_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1599.107+/-0.513 χ^2/NDF : 187422.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

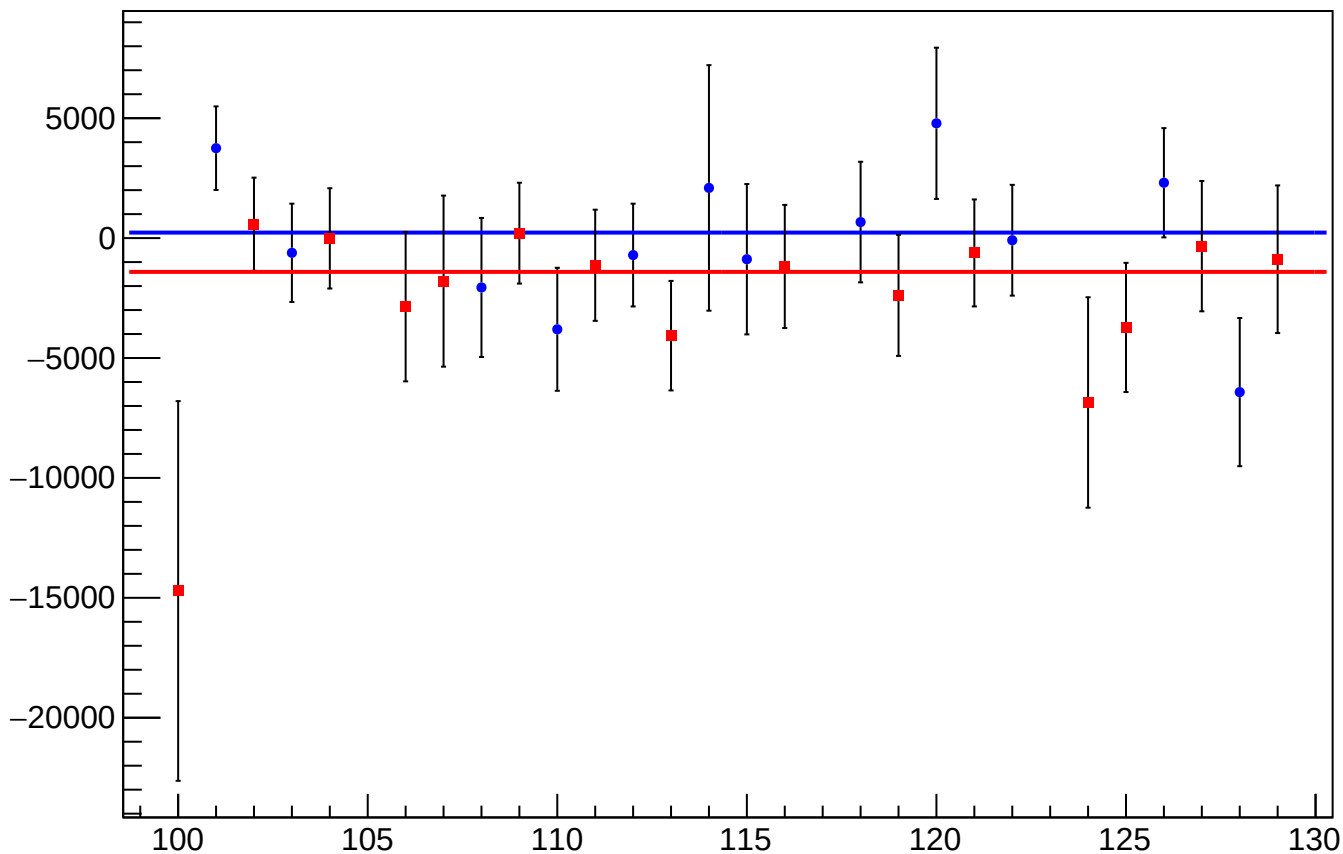
Right: 1614.617+/-0.349 χ^2/NDF : 326916.8/26

In: 1599.107+/-0.513 χ^2/NDF : 187422.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1614.617+/-0.349 χ^2/NDF : 326916.8/26

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 229.835+/-717.881 χ^2/NDF : 15.4/11

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

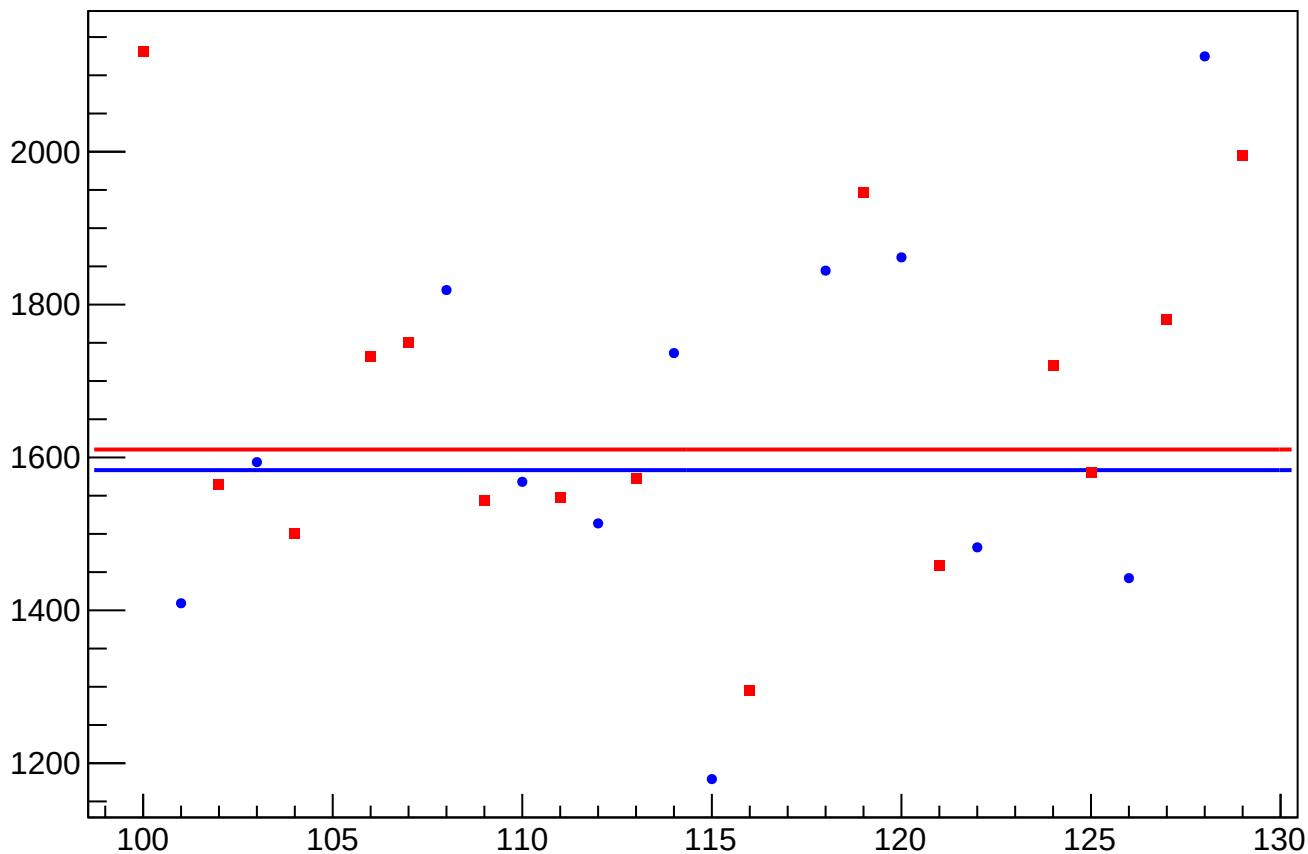
Right: -647.383+/-489.336 χ^2/NDF : 27.5/26

In: 229.835+/-717.881 χ^2/NDF : 15.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -647.383+/-489.336 χ^2/NDF : 27.5/26

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1583.445+/-0.508 χ^2/NDF : 180555.9/11

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

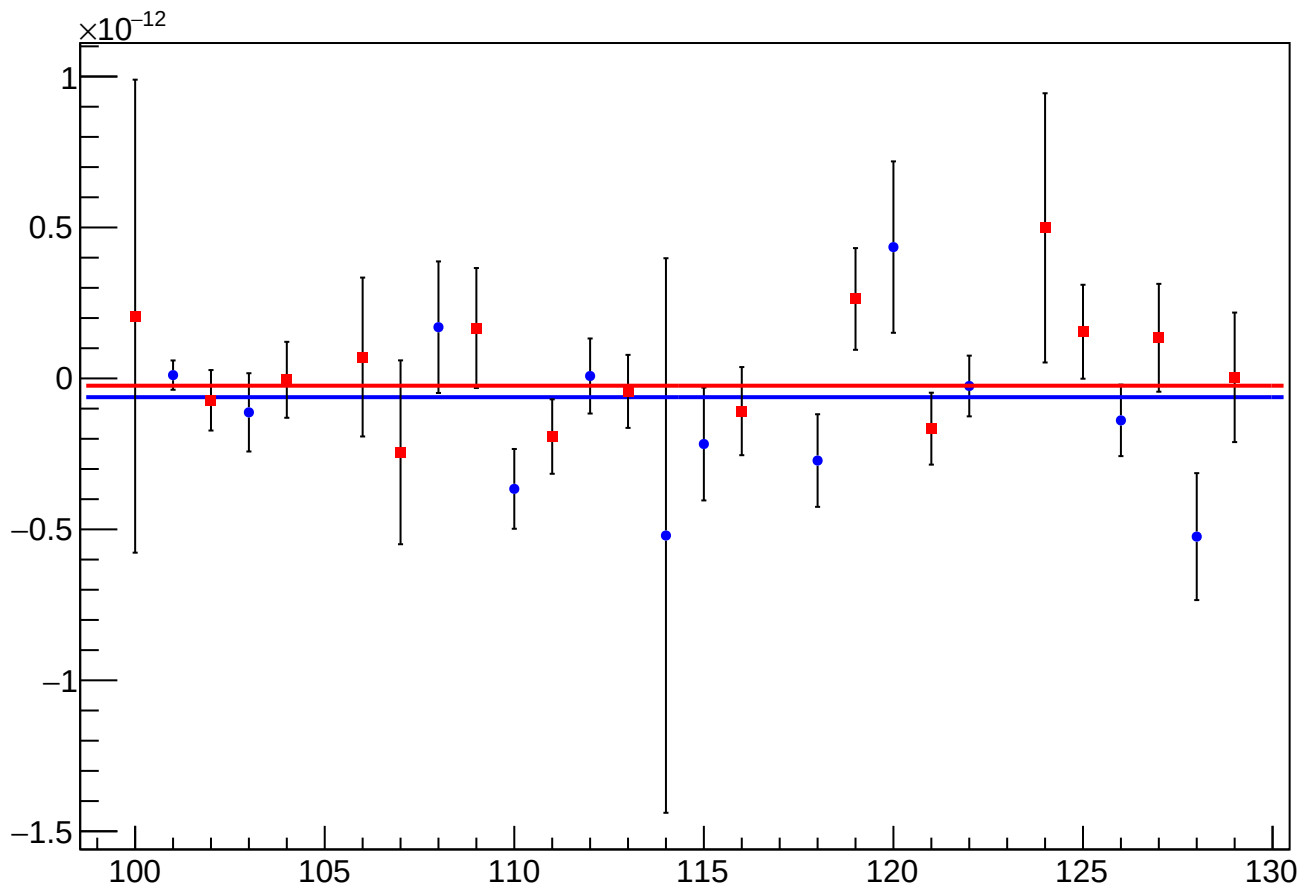
Right: 1597.875+/-0.346 χ^2/NDF : 323018.4/26

In: 1583.445+/-0.508 χ^2/NDF : 180555.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1597.875+/-0.346 χ^2/NDF : 323018.4/26

asym_sam_24_68_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 20.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

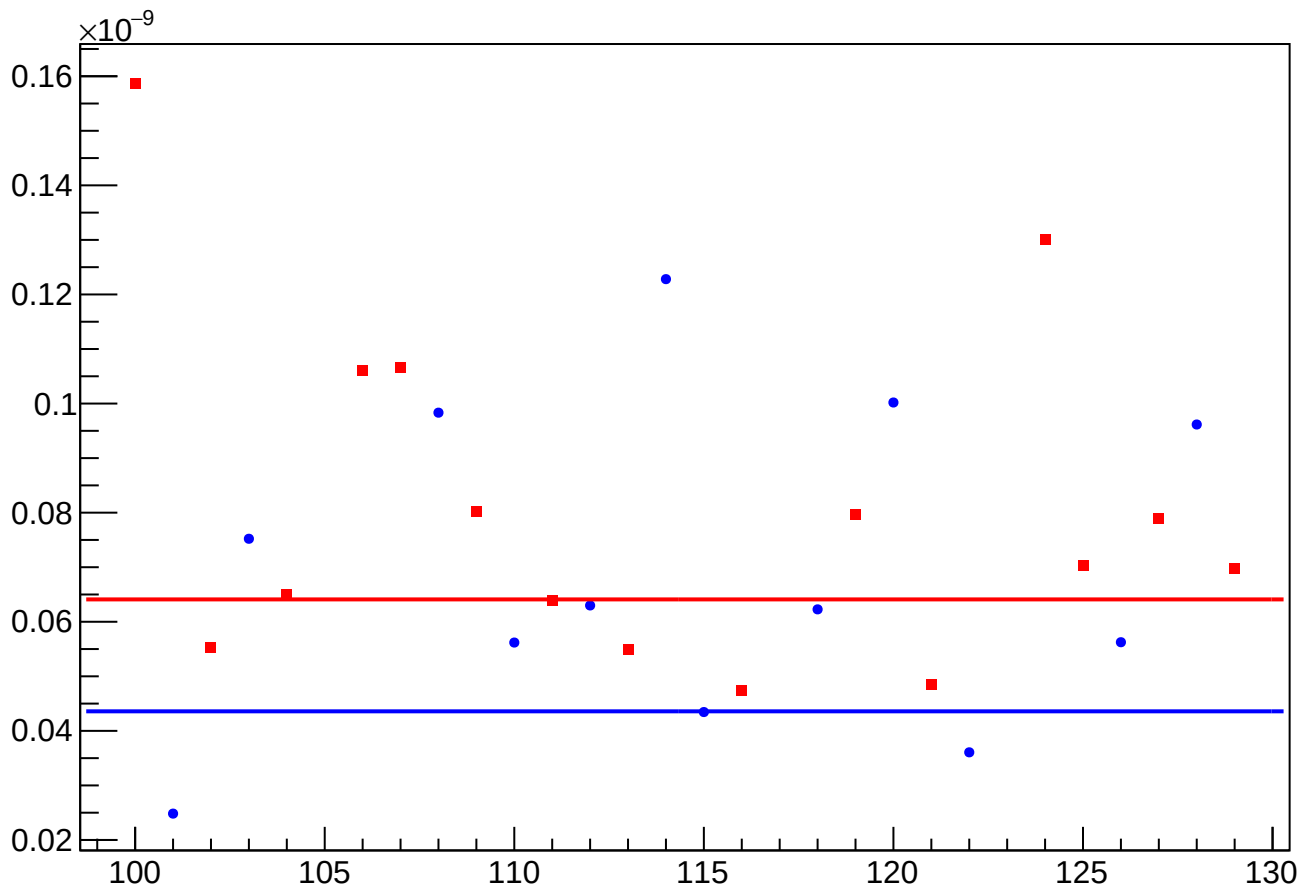
Right: -0.000+/-0.000 χ^2/NDF : 32.9/26

In: -0.000+/-0.000 χ^2/NDF : 20.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.9/26

asym_sam_24_68_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 893815.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

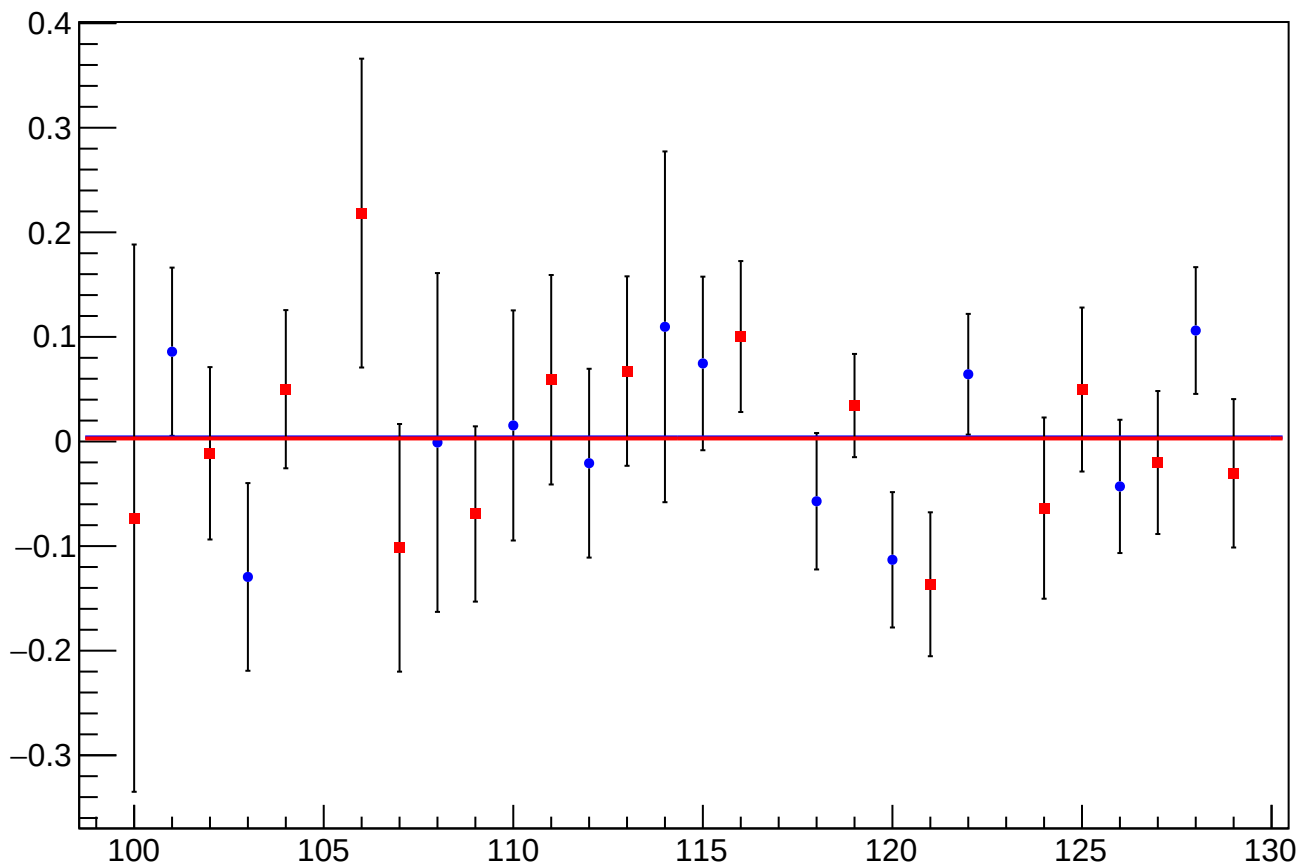
Right: 0.000+/-0.000 χ^2/NDF : 1496254.0/26

In: 0.000+/-0.000 χ^2/NDF : 893815.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1496254.0/26

asym_sam_24_68_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.022 χ^2/NDF : 13.1/11

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

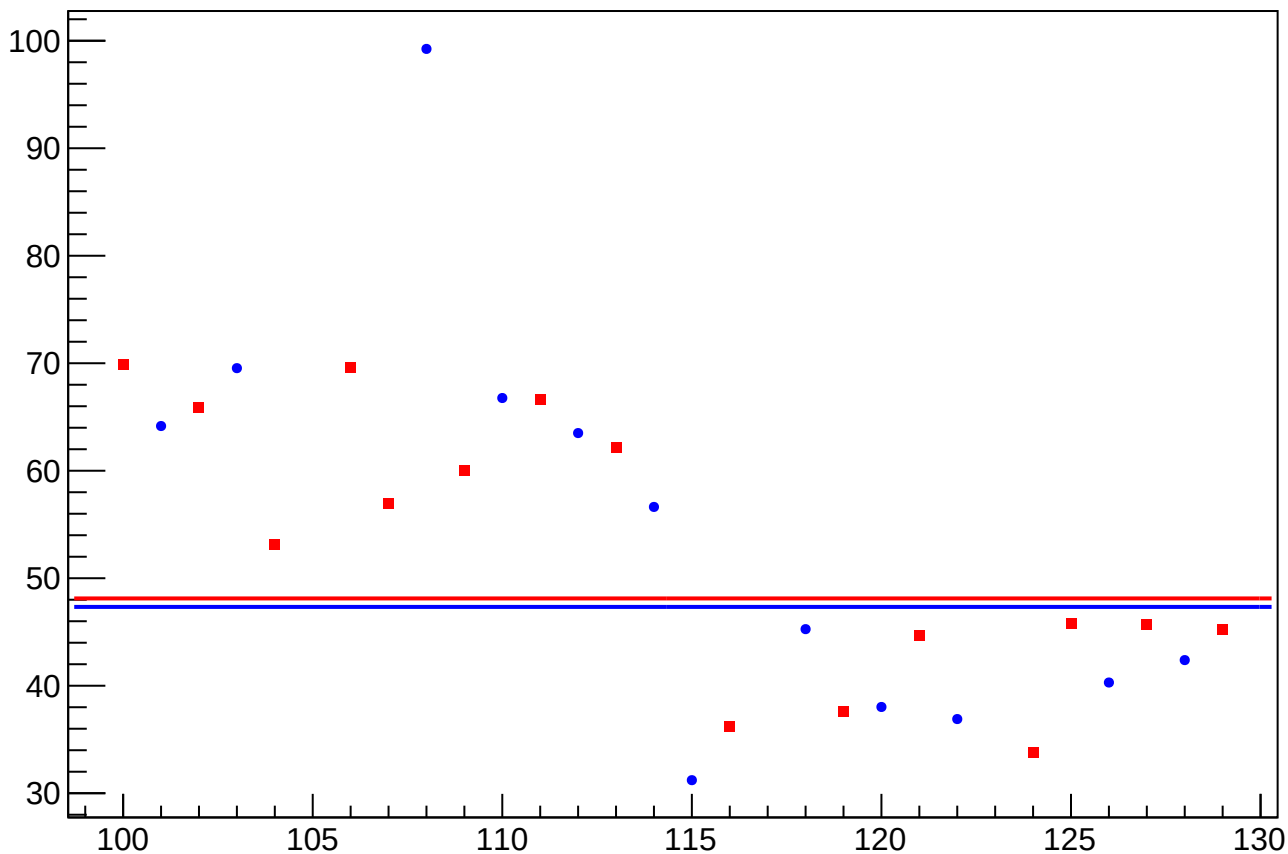
Right: 0.003+/-0.015 χ^2/NDF : 25.7/26

In: 0.004+/-0.022 χ^2/NDF : 13.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.015 χ^2/NDF : 25.7/26

asym_sam_24_68_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.332+/-0.016 χ^2/NDF : 770203.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.121+/-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

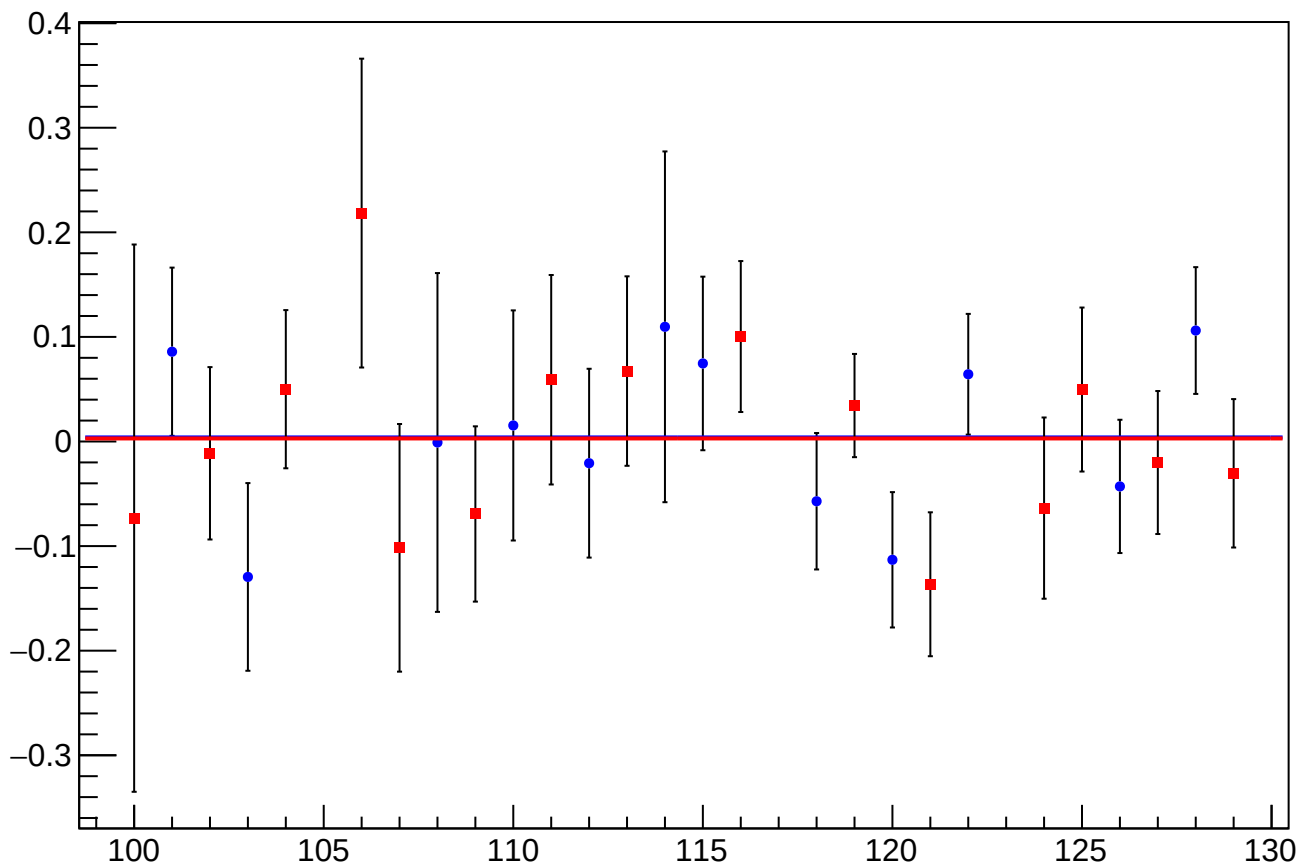
Right: 47.758+/-0.011 χ^2/NDF : 1309989.8/26

In: 47.332+/-0.016 χ^2/NDF : 770203.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.758+/-0.011 χ^2/NDF : 1309989.8/26

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004 $\pm$ 0.022 χ^2 /NDF: 13.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 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

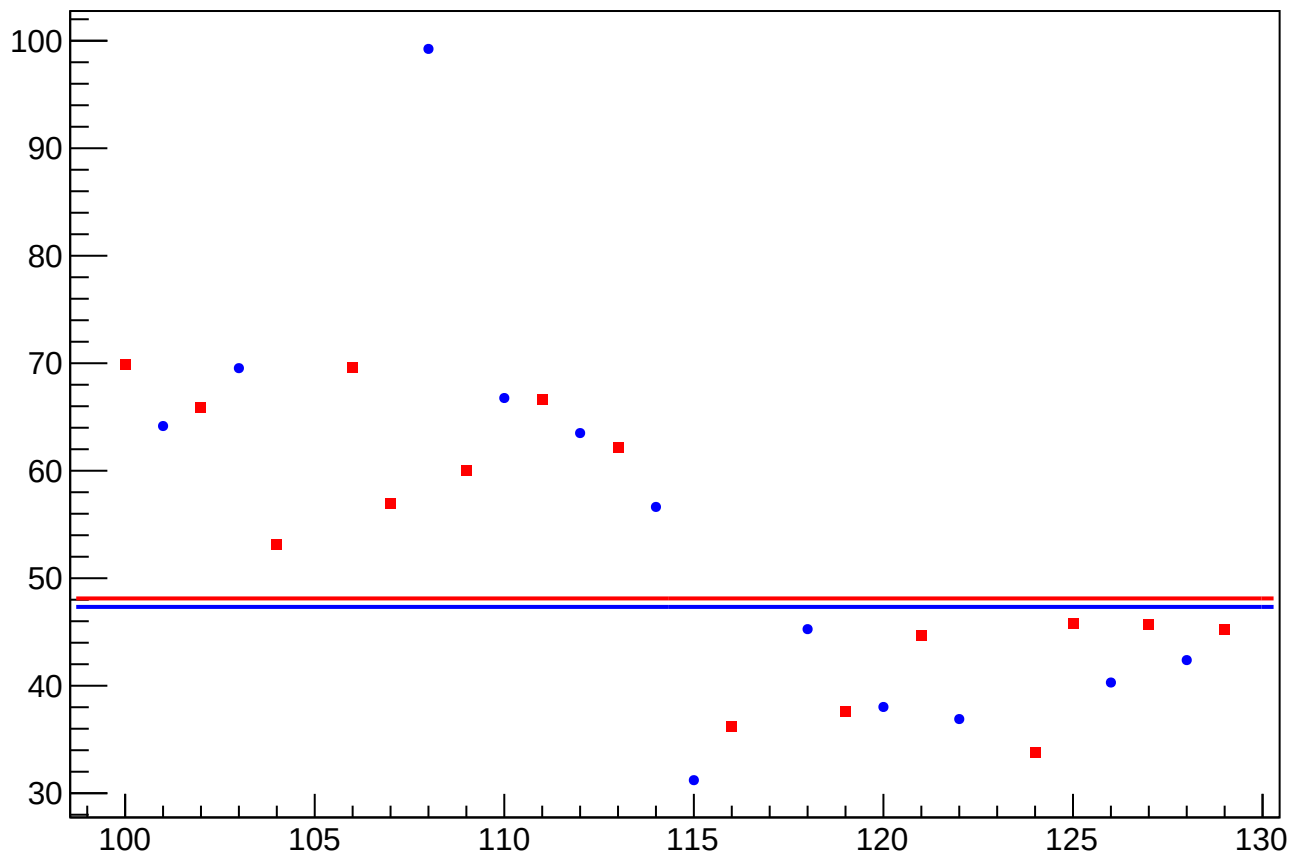
Right: 0.003 $\pm$ 0.015 χ^2 /NDF: 25.7/26

In: 0.004 $\pm$ 0.022 χ^2 /NDF:13.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.015 χ^2 /NDF: 25.7/26

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.332+/-0.016 χ^2/NDF : 770203.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.121+/-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

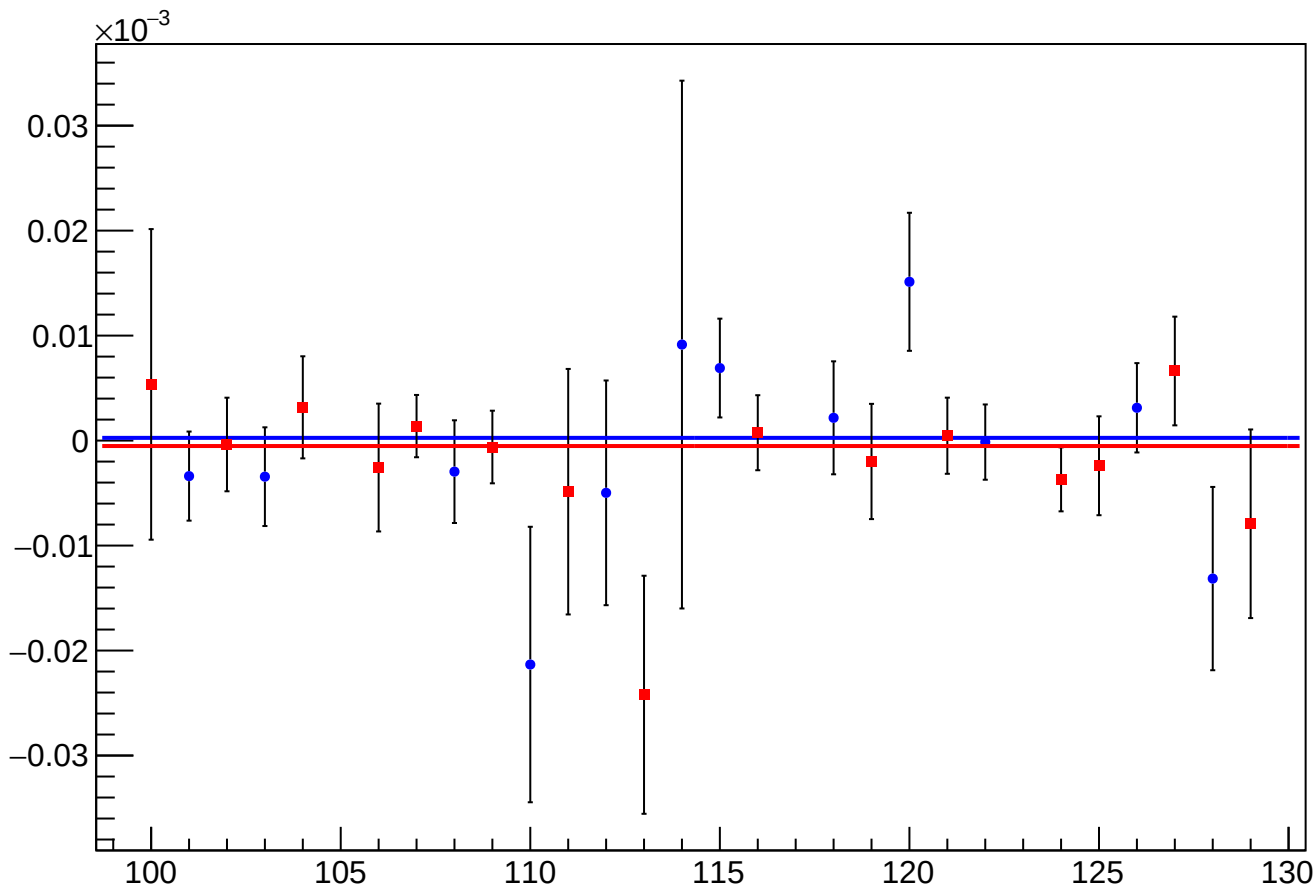
Right: 47.758+/-0.011 χ^2/NDF : 1309989.8/26

In: 47.332+/-0.016 χ^2/NDF : 770203.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.758+/-0.011 χ^2/NDF : 1309989.8/26

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.9/11

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

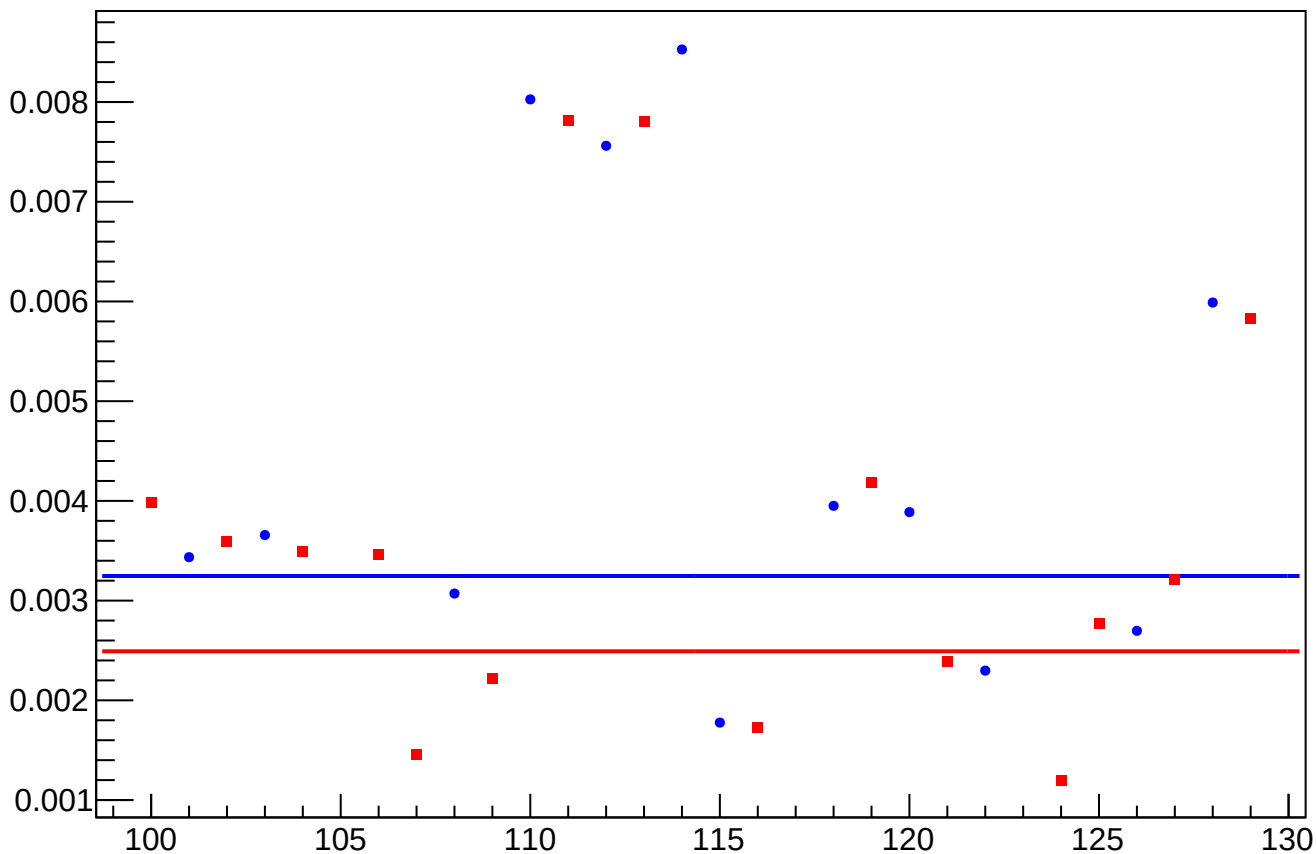
Right: -0.000+/-0.000 χ^2/NDF : 24.9/26

In: 0.000+/-0.000 χ^2/NDF : 14.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.9/26

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1319800.1/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 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

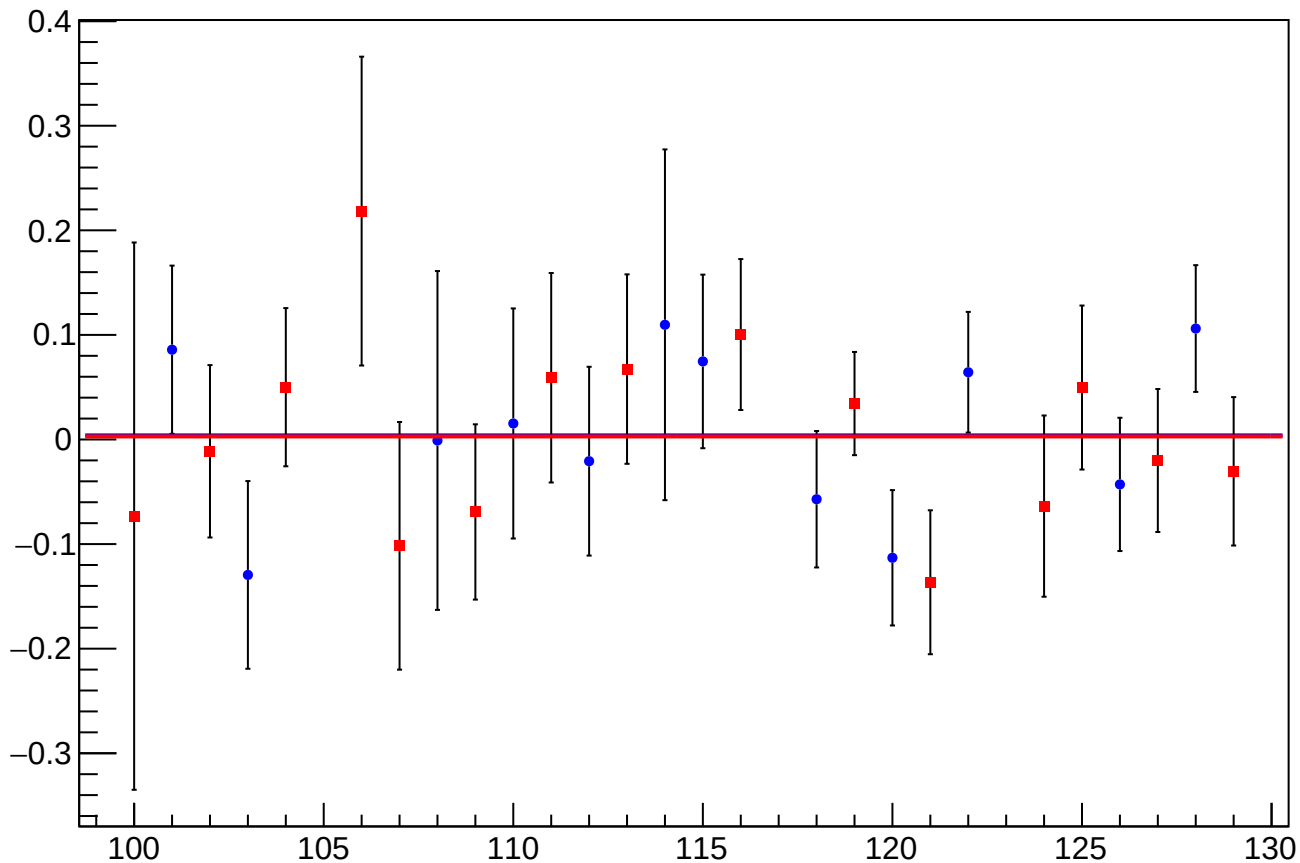
Right: 0.003+/-0.000 χ^2/NDF : 3970779.4/26

In: 0.003+/-0.000 χ^2/NDF :1319800.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3970779.4/26

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.022 χ^2/NDF : 13.1/11

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

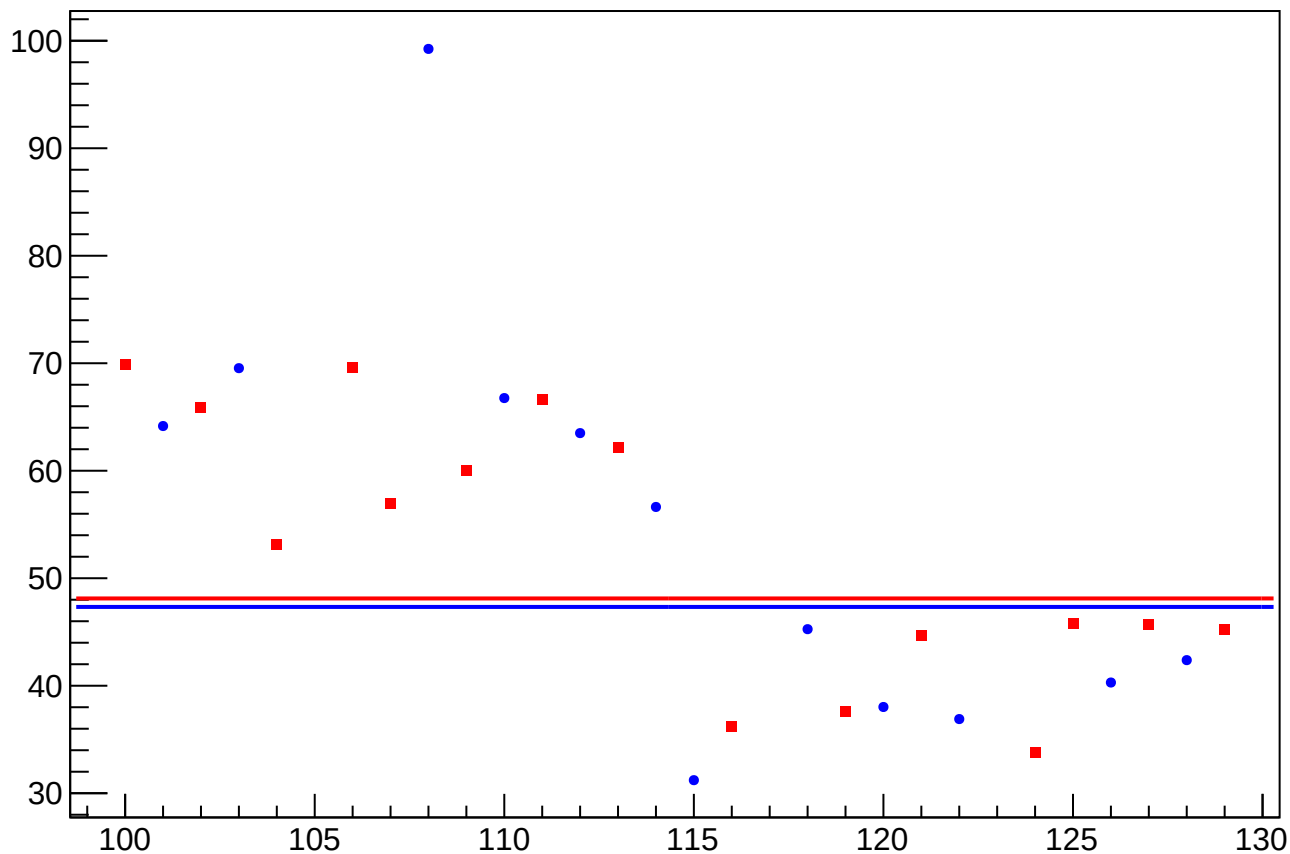
Right: 0.003+/-0.015 χ^2/NDF : 25.7/26

In: 0.004+/-0.022 χ^2/NDF : 13.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.015 χ^2/NDF : 25.7/26

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.330+/-0.016 χ^2/NDF : 770200.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.119+/-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

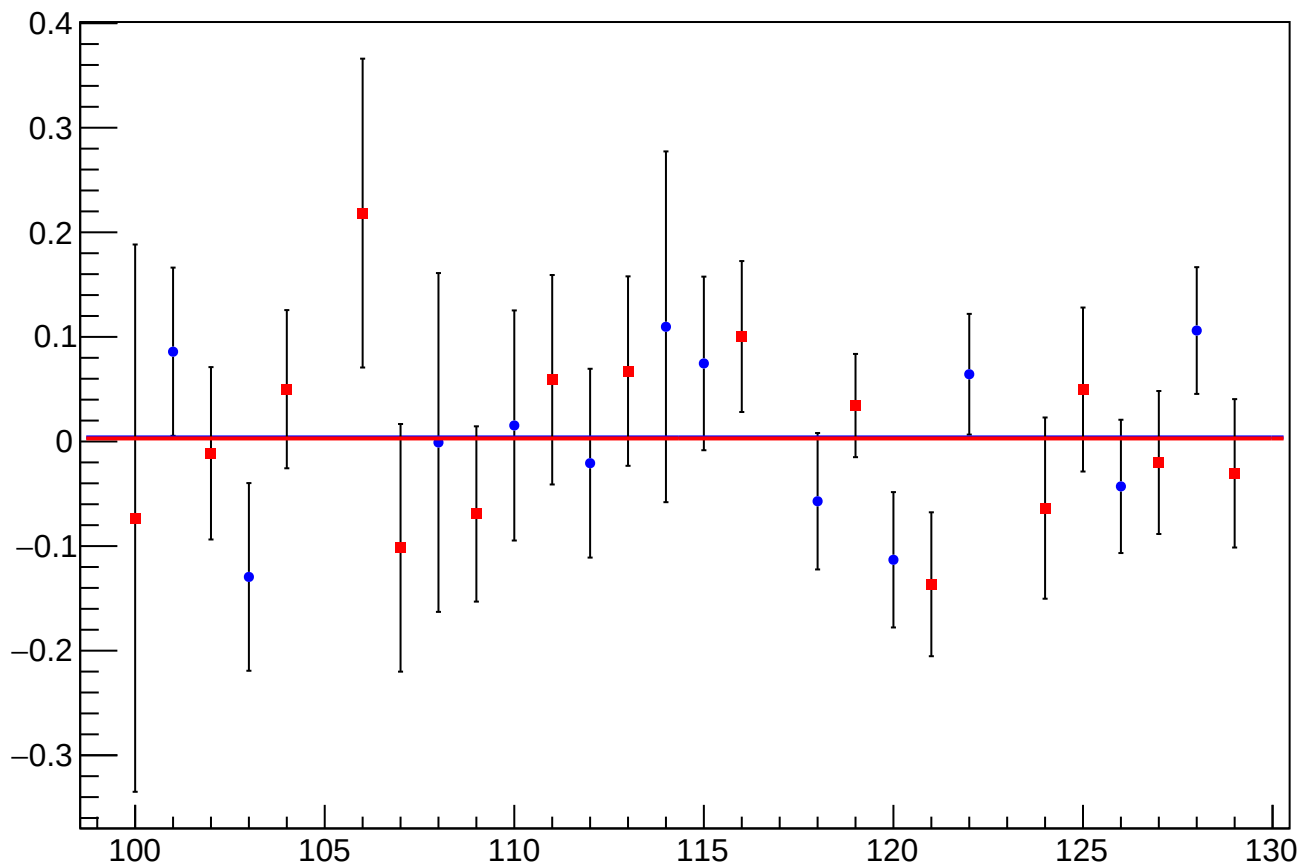
Right: 47.756+/-0.011 χ^2/NDF : 1309988.3/26

In: 47.330+/-0.016 χ^2/NDF : 770200.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.756+/-0.011 χ^2/NDF : 1309988.3/26

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.022 χ^2/NDF : 13.1/11

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

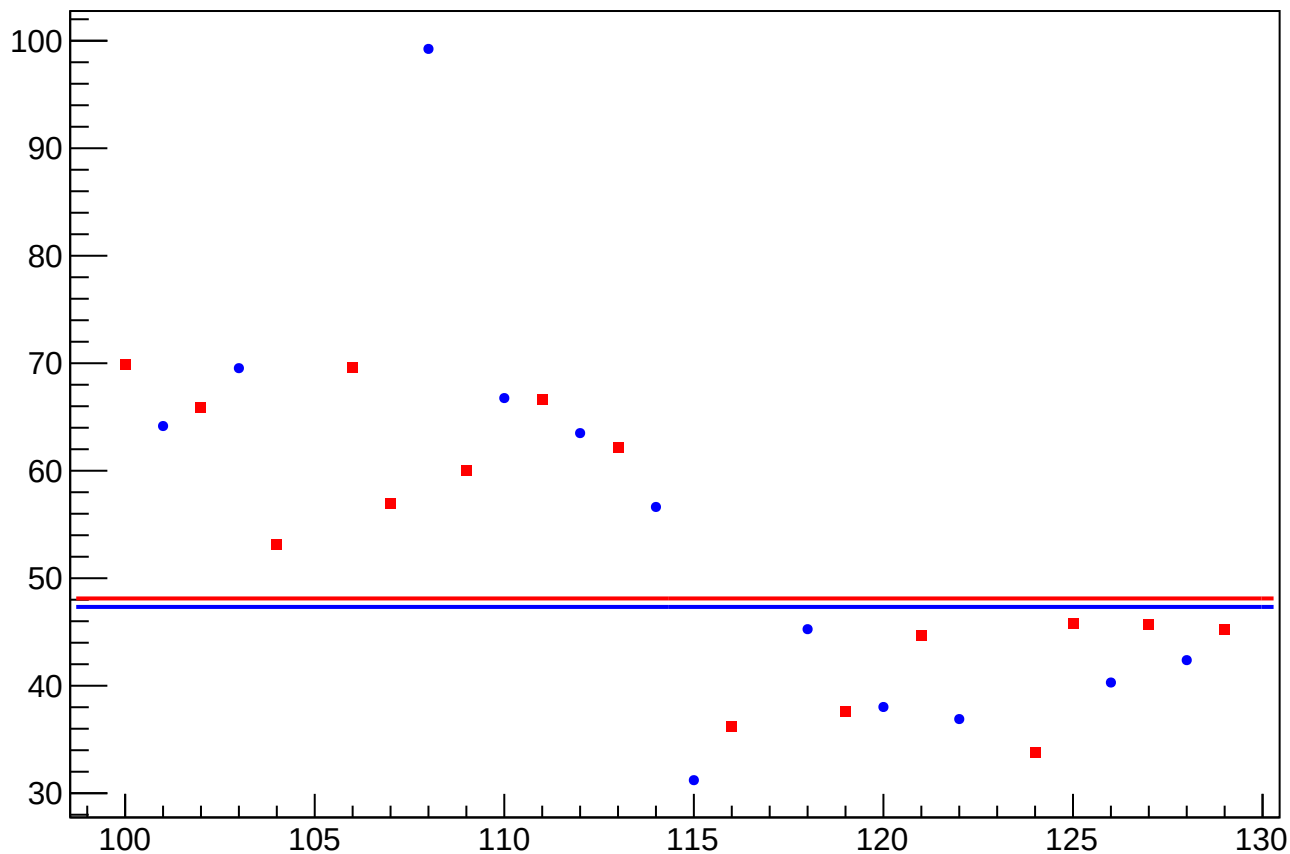
Right: 0.003+/-0.015 χ^2/NDF : 25.7/26

In: 0.004+/-0.022 χ^2/NDF : 13.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.015 χ^2/NDF : 25.7/26

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.330+/-0.016 χ^2/NDF : 770200.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.119+/-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

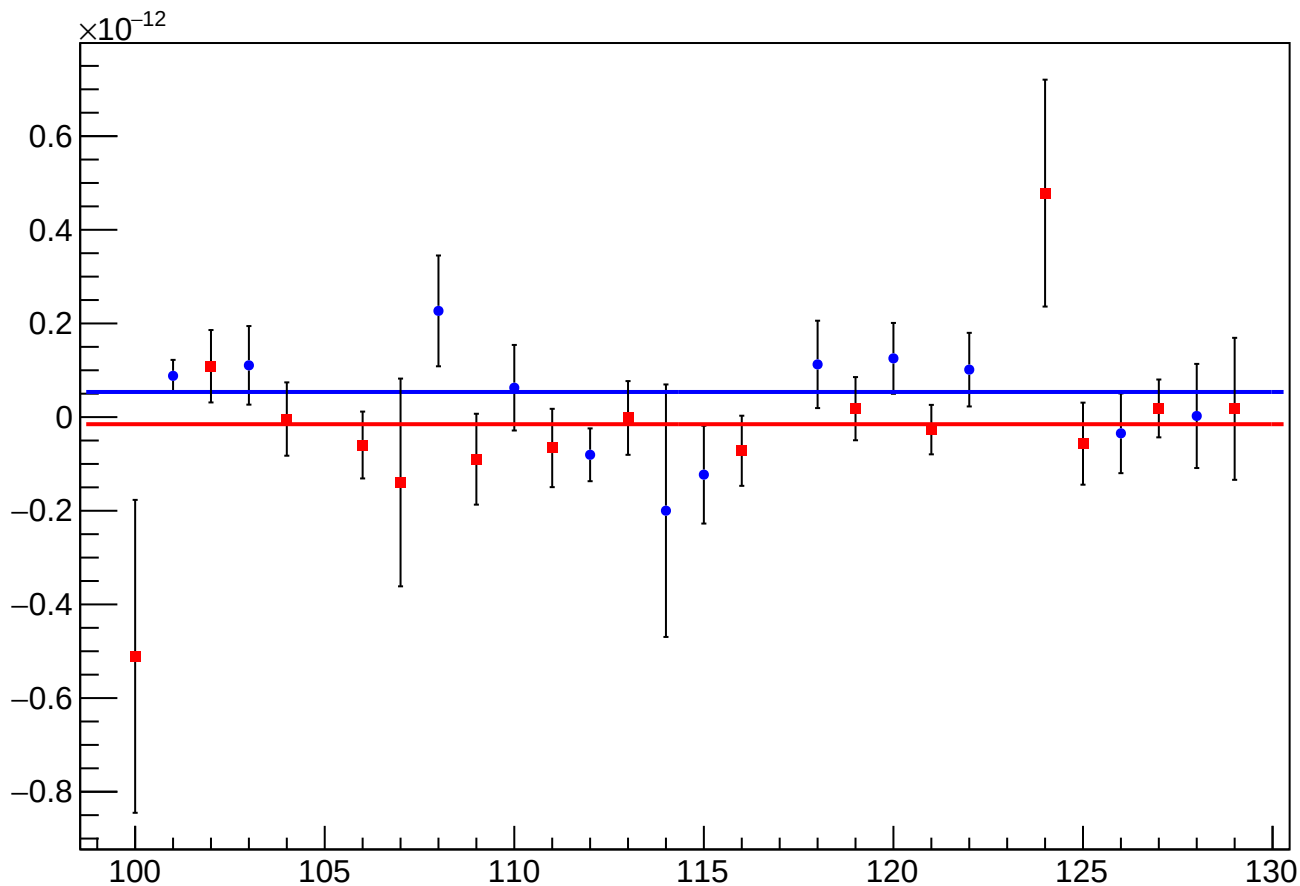
Right: 47.756+/-0.011 χ^2/NDF : 1309988.3/26

In: 47.330+/-0.016 χ^2/NDF : 770200.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.756+/-0.011 χ^2/NDF : 1309988.3/26

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.0/11

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

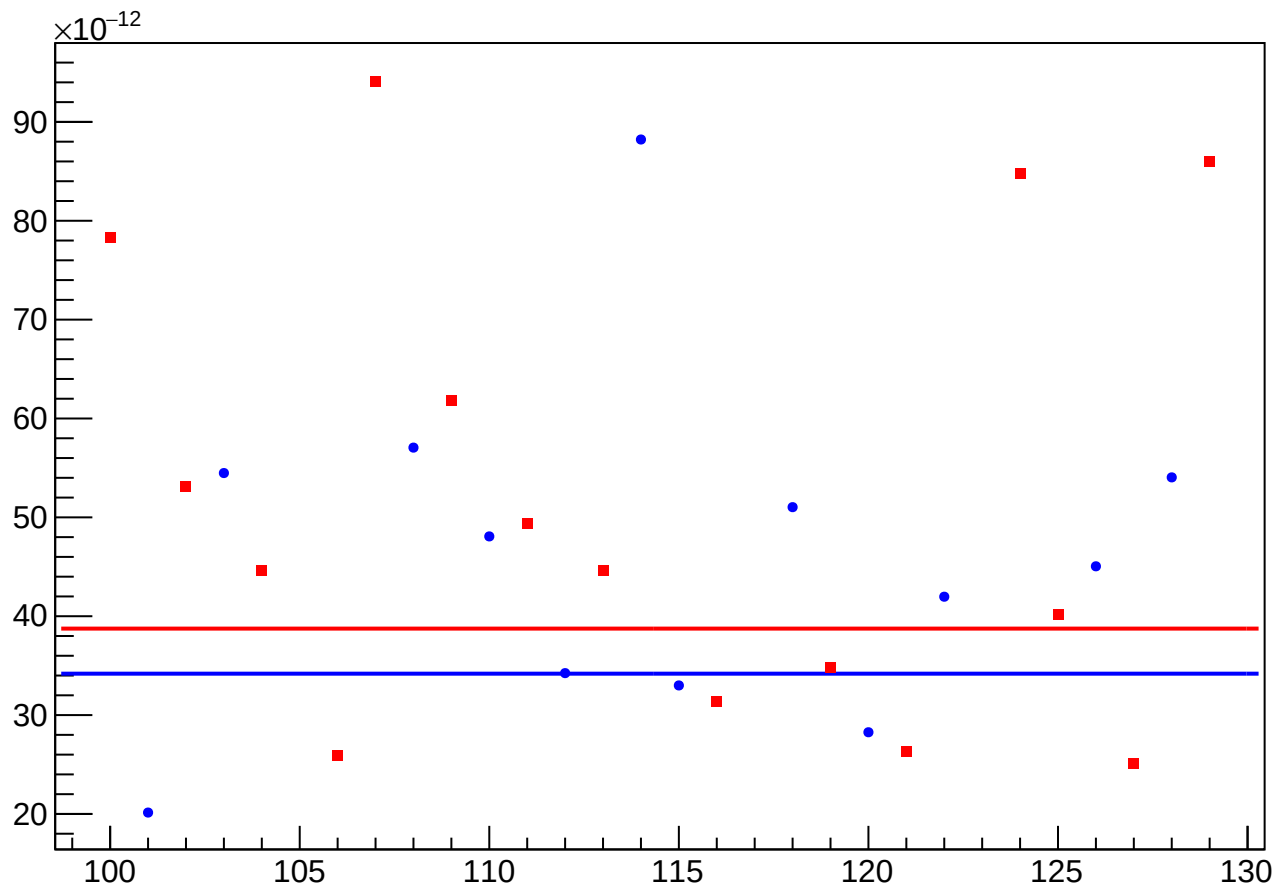
Right: 0.000+/-0.000 χ^2/NDF : 33.3/26

In: 0.000+/-0.000 χ^2/NDF : 16.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.3/26

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 851741.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

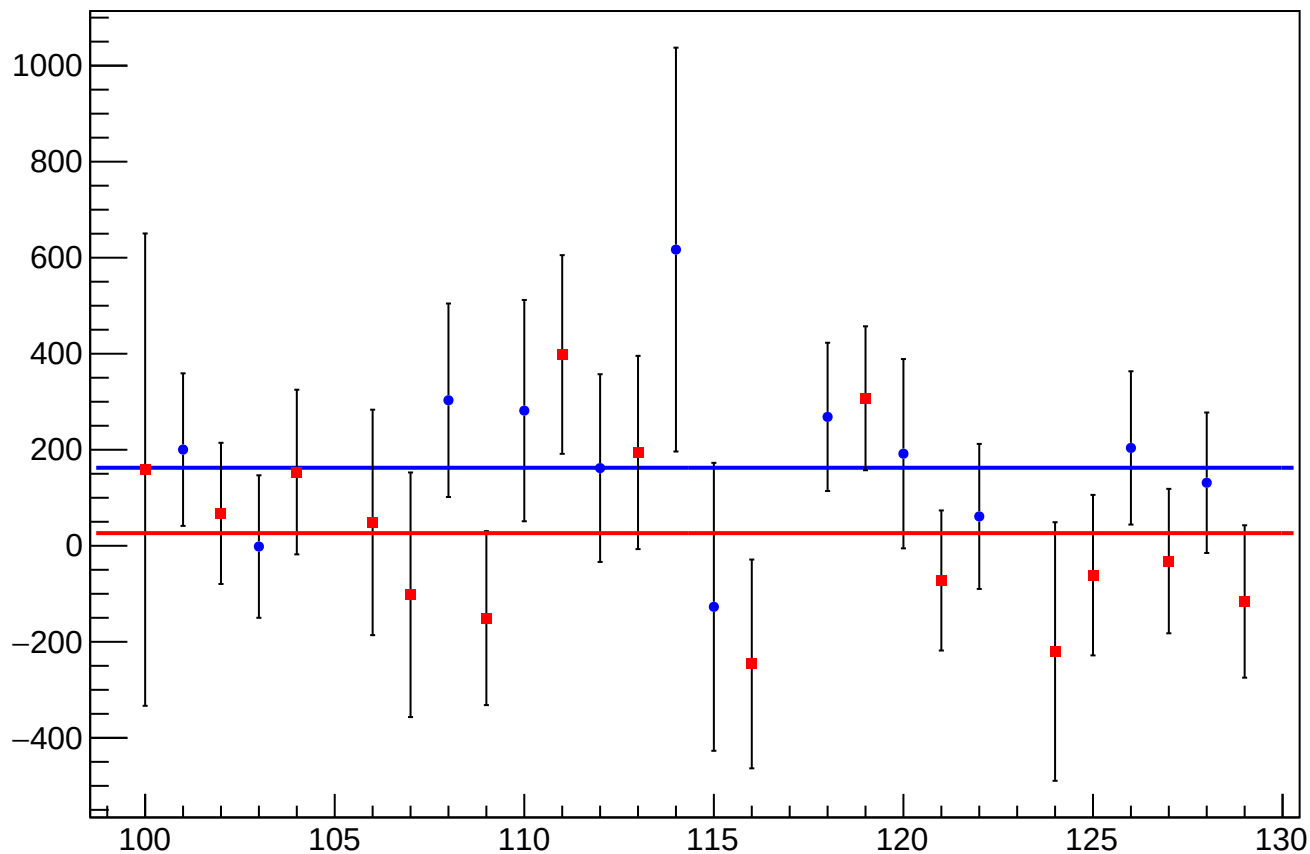
Right: 0.000+/-0.000 χ^2/NDF : 1854322.2/26

In: 0.000+/-0.000 χ^2/NDF : 851741.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1854322.2/26

reg_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 162.499 $\pm$ 52.064 χ^2 /NDF: 5.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 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

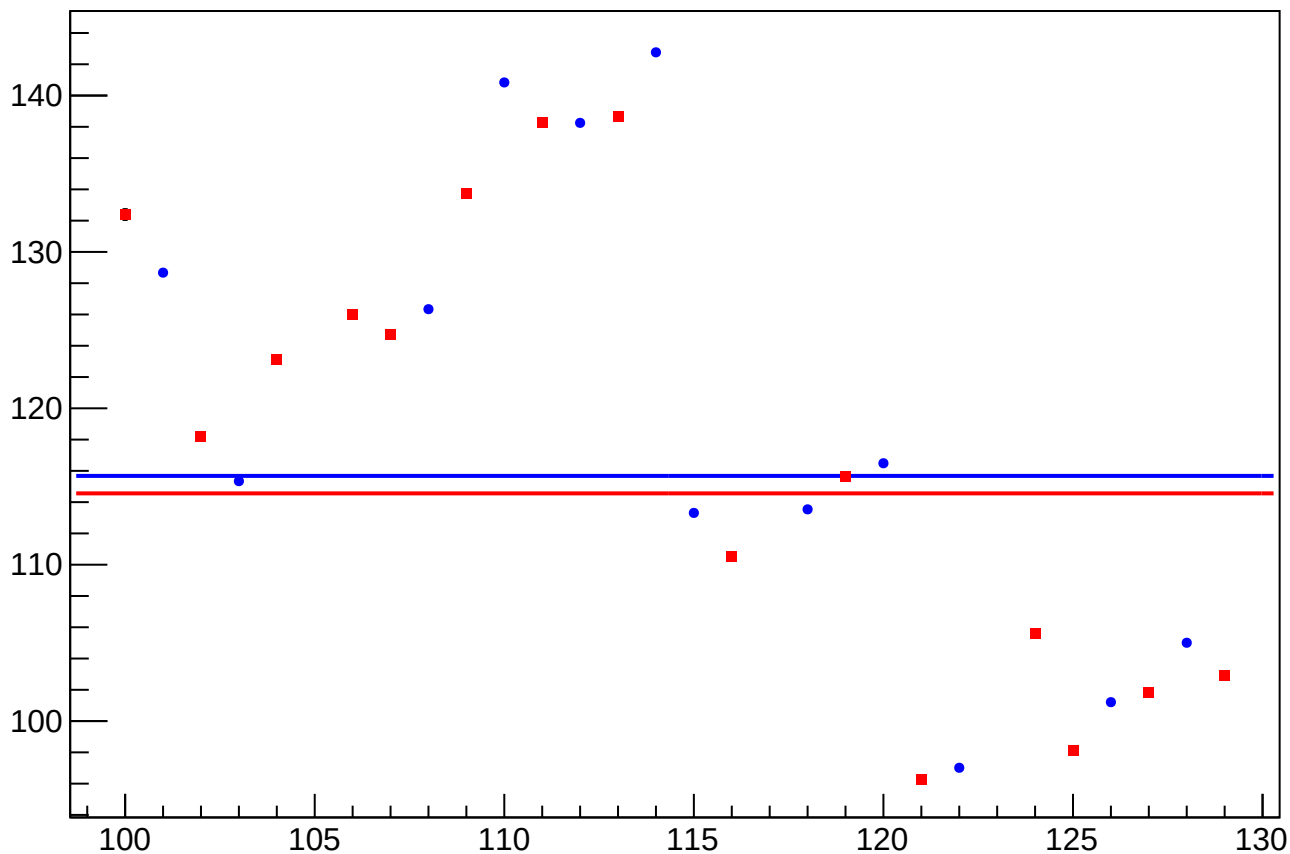
Right: 88.248 $\pm$ 35.103 χ^2 /NDF: 22.4/26

In: 162.499 $\pm$ 52.064 χ^2 /NDF:5.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 88.248 $\pm$ 35.103 χ^2 /NDF: 22.4/26

reg_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.679+/-0.037 χ^2/NDF : 135941.1/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 114.561+/-0.034 χ^2/NDF : 172975.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

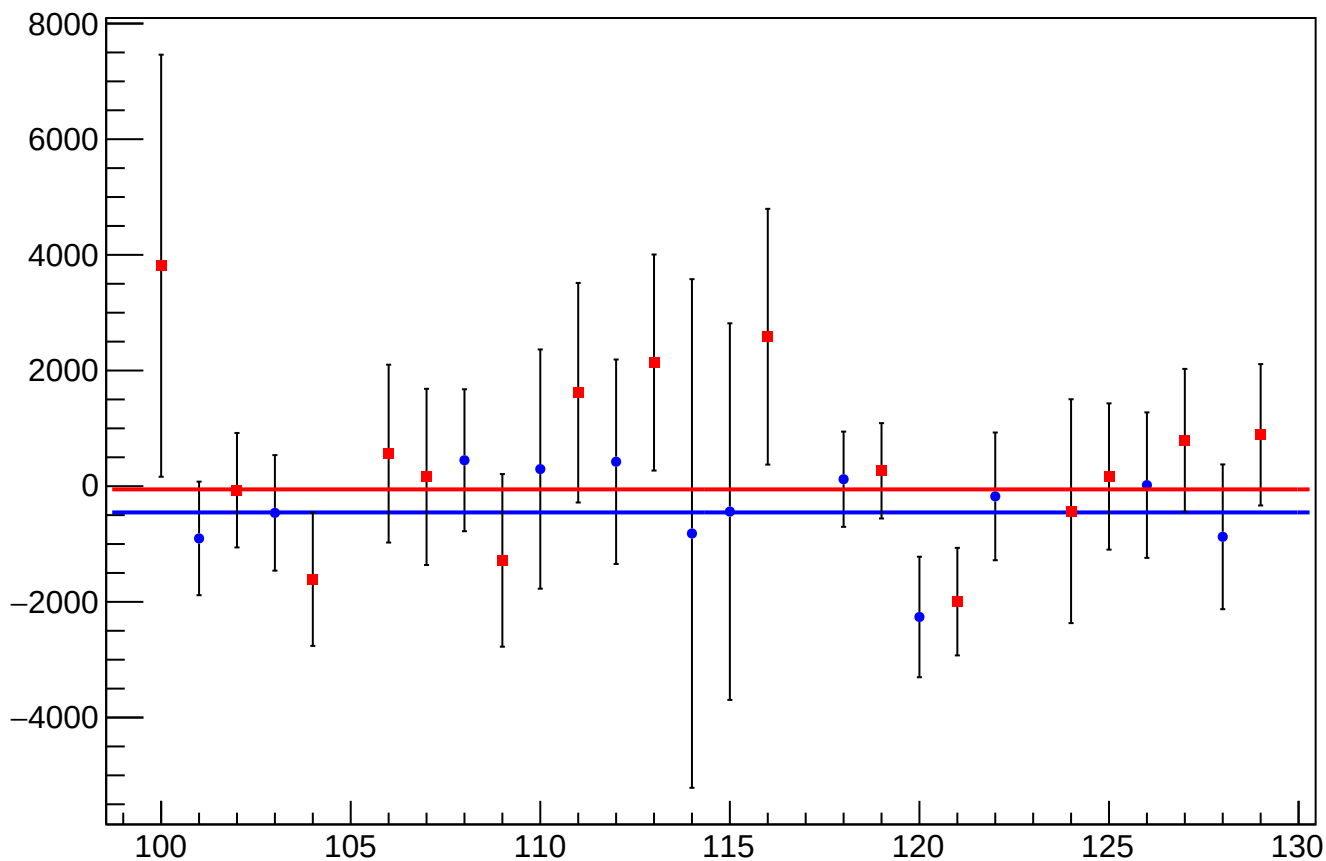
Right: 115.069+/-0.025 χ^2/NDF : 309418.9/26

In: 115.679+/-0.037 χ^2/NDF :135941.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 115.069+/-0.025 χ^2/NDF : 309418.9/26

asym_sam_26_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -453.430+/-356.009 χ^2/NDF : 4.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

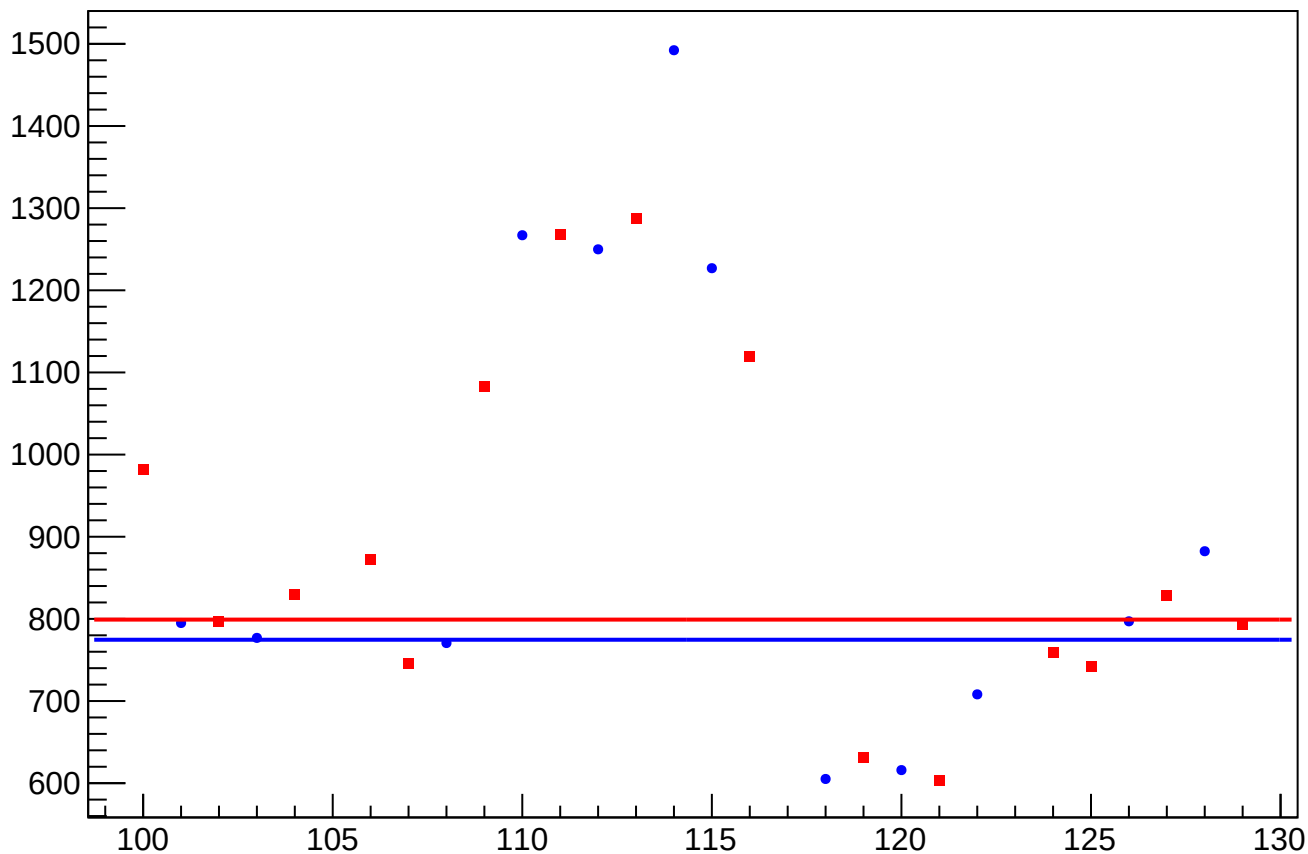
Right: -243.849+/-245.021 χ^2/NDF : 18.6/26

In: -453.430+/-356.009 χ^2/NDF : 4.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -243.849+/-245.021 χ^2/NDF : 18.6/26

asym_sam_26_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 774.612+/-0.252 χ^2/NDF : 504490.1/11

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

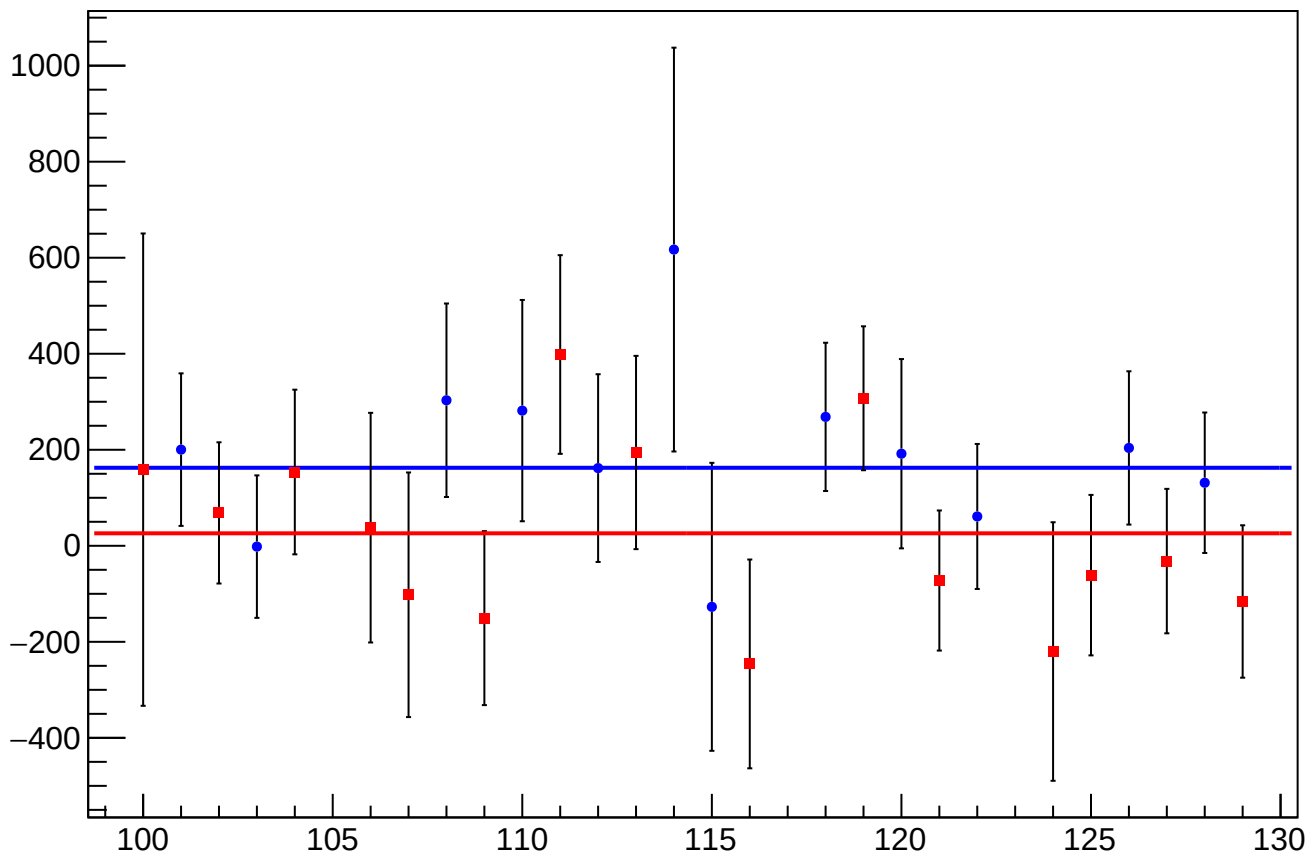
Right: 787.514+/-0.173 χ^2/NDF : 1073640.9/26

In: 774.612+/-0.252 χ^2/NDF :504490.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 787.514+/-0.173 χ^2/NDF : 1073640.9/26

cor_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 162.494 $\pm$ 52.064 χ^2 /NDF: 5.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 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

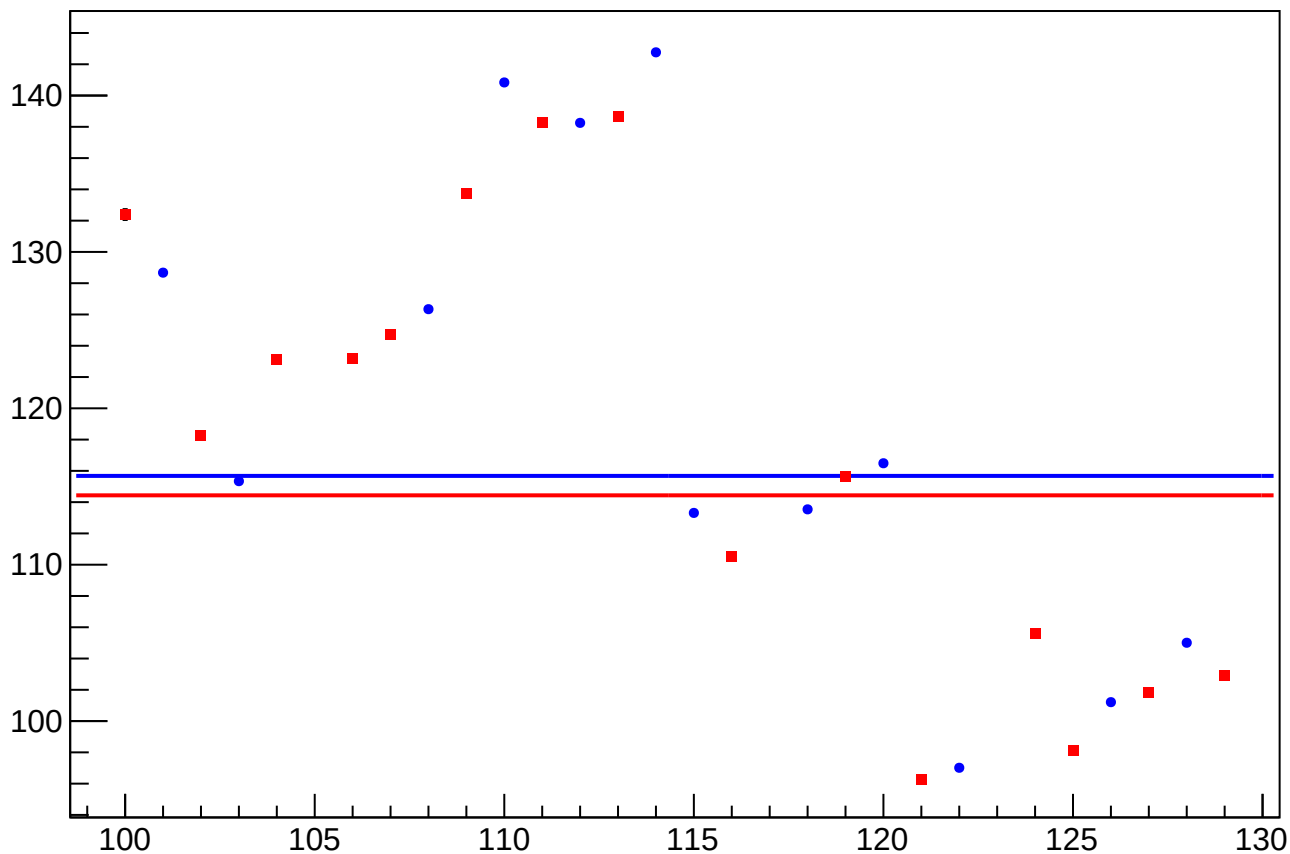
Right: 88.108 $\pm$ 35.118 χ^2 /NDF: 22.4/26

In: 162.494 $\pm$ 52.064 χ^2 /NDF:5.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 88.108 $\pm$ 35.118 χ^2 /NDF: 22.4/26

cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.679 $\pm$ 0.037 χ^2 /NDF: 135941.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 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

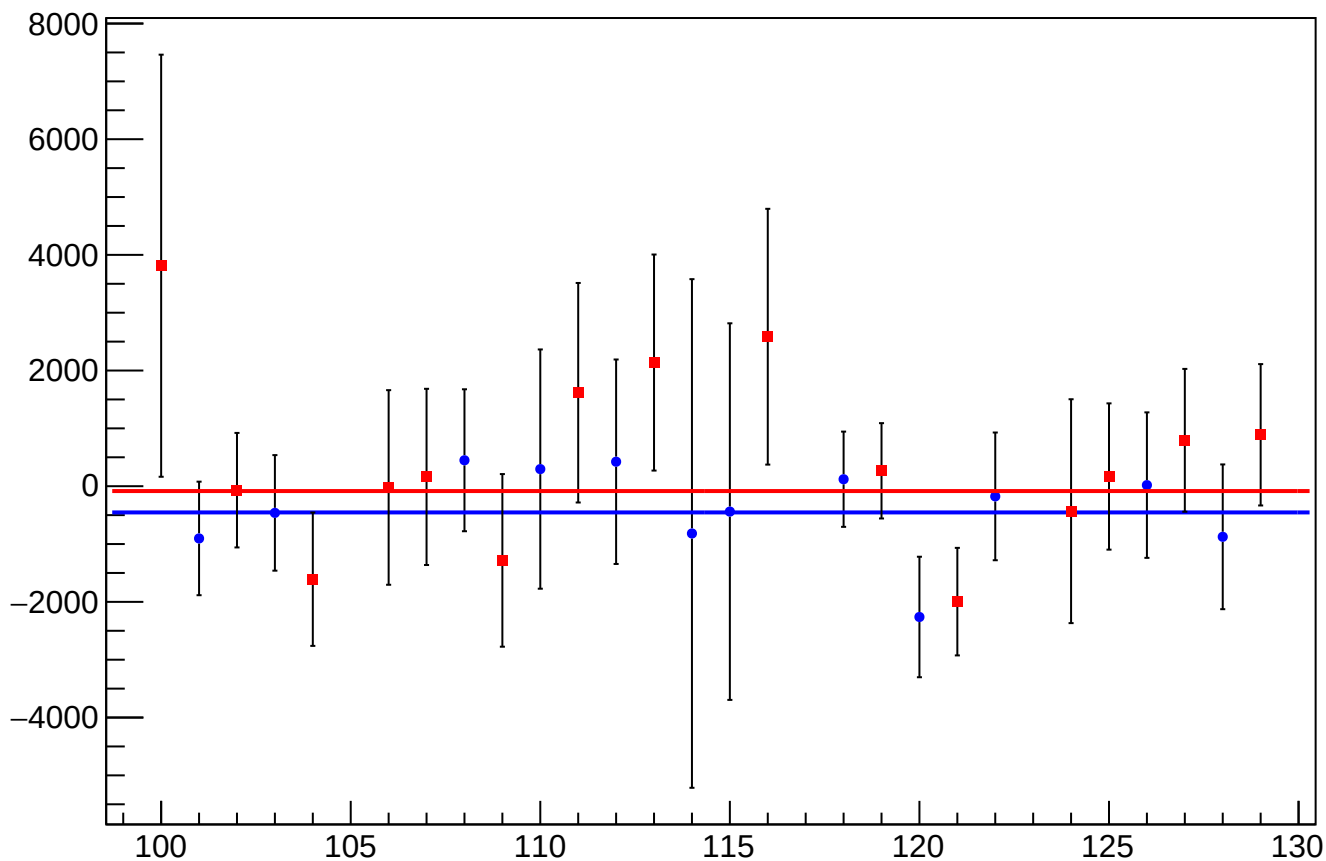
Right: 115.001 $\pm$ 0.025 χ^2 /NDF: 307382.2/26

In: 115.679 $\pm$ 0.037 χ^2 /NDF:135941.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 115.001 $\pm$ 0.025 χ^2 /NDF: 307382.2/26

asym_sam_26_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -453.403+/-356.010 χ^2/NDF : 4.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

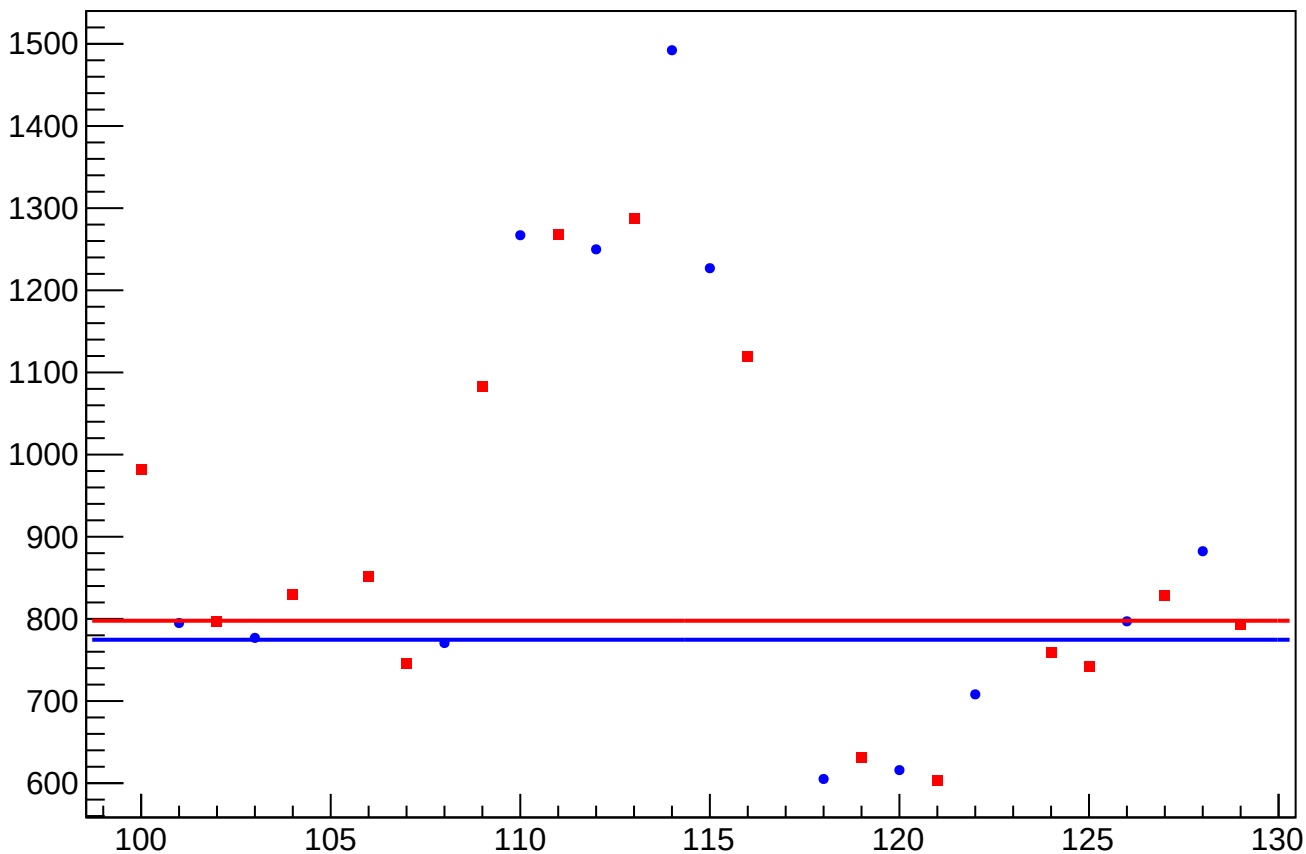
Right: -259.678+/-245.547 χ^2/NDF : 18.4/26

In: -453.403+/-356.010 χ^2/NDF : 4.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -259.678+/-245.547 χ^2/NDF : 18.4/26

asym_sam_26_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 774.614 $\pm$ 0.252 χ^2 /NDF: 504496.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 797.746 $\pm$ 0.240 χ^2 /NDF: 561502.3/14

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

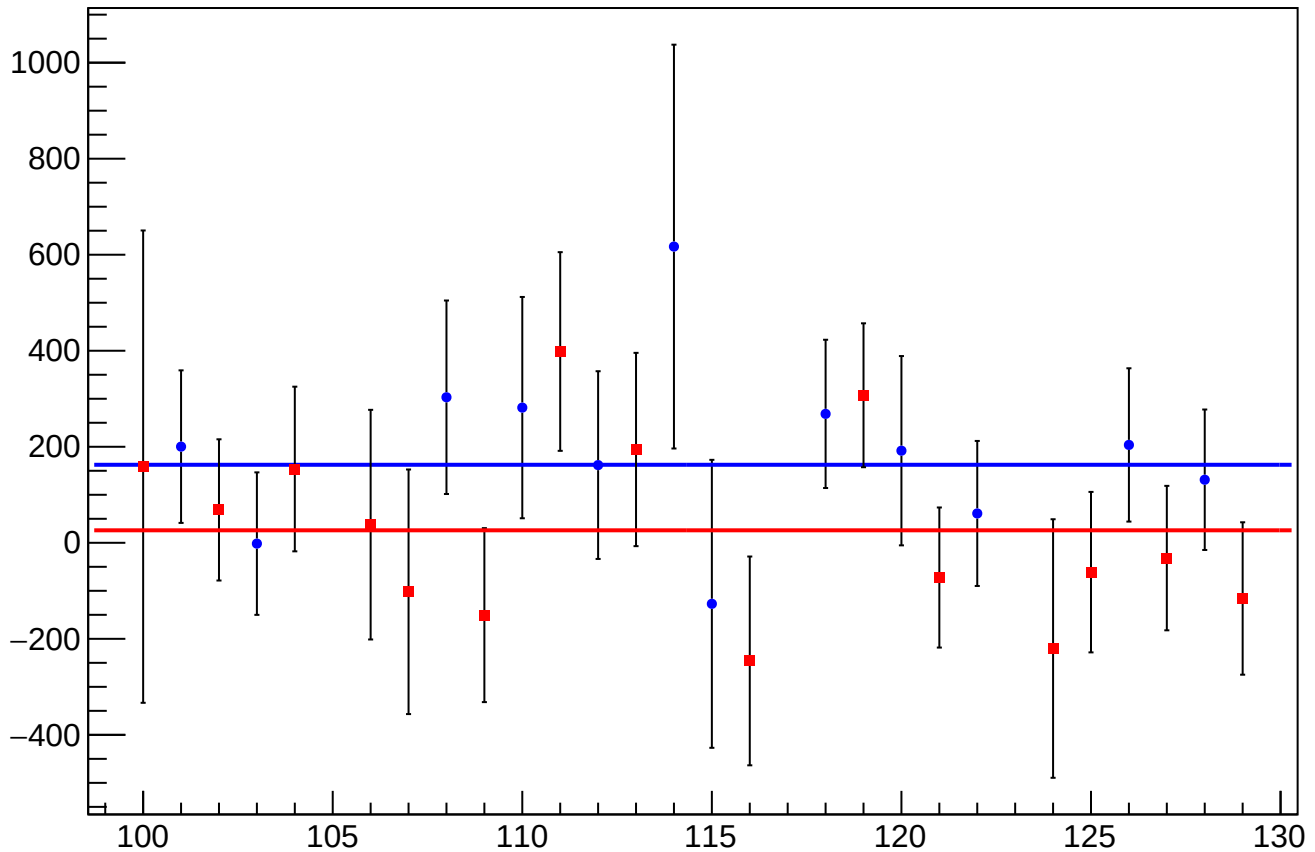
Right: 786.742 $\pm$ 0.174 χ^2 /NDF: 1070426.1/26

In: 774.614 $\pm$ 0.252 χ^2 /NDF:504496.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 786.742 $\pm$ 0.174 χ^2 /NDF: 1070426.1/26

eigen_cor_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 162.494+/-52.064 χ^2/NDF : 5.2/11

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

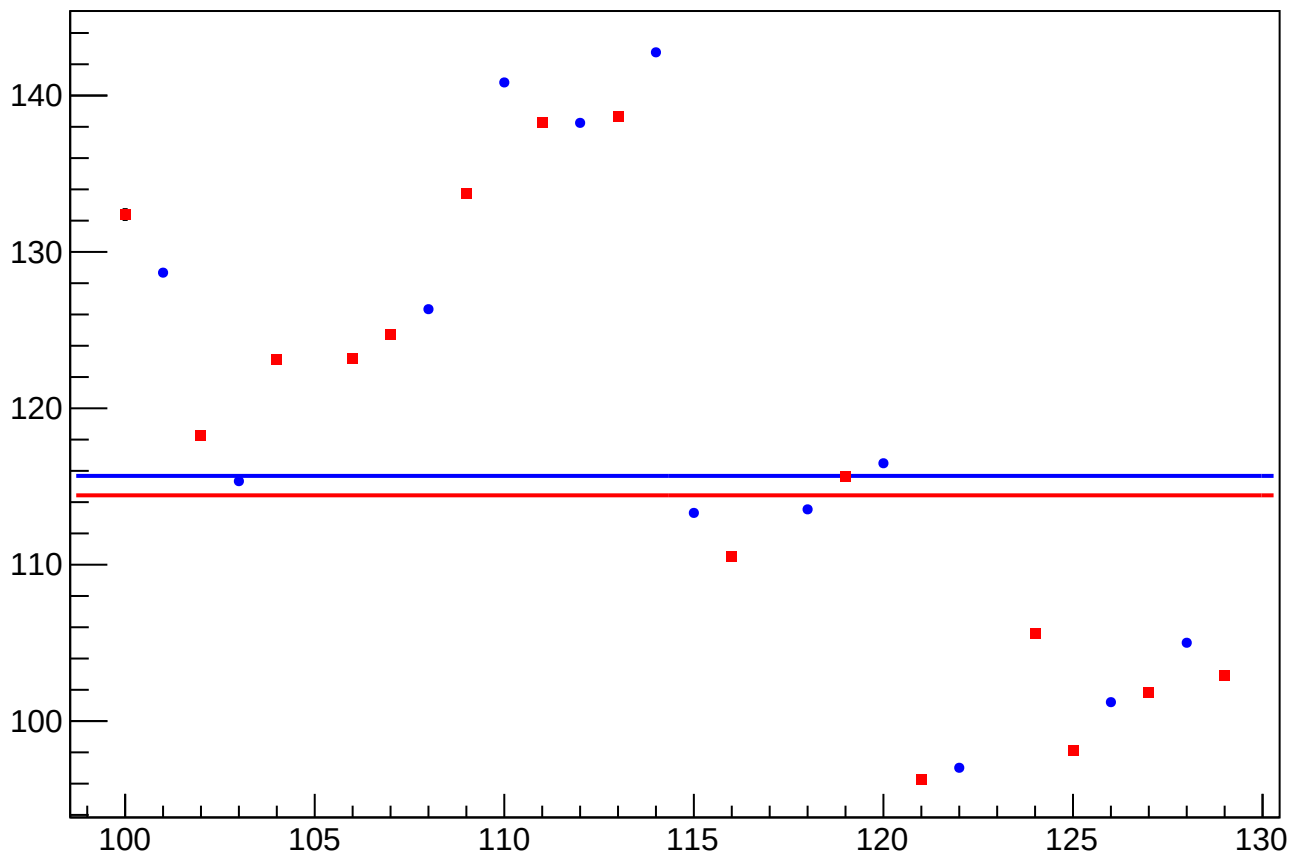
Right: 88.108+/-35.118 χ^2/NDF : 22.4/26

In: 162.494+/-52.064 χ^2/NDF :5.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 88.108+/-35.118 χ^2/NDF : 22.4/26

eigen_cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.679+/-0.037 χ^2/NDF : 135941.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.436+/-0.034 χ^2/NDF : 170819.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

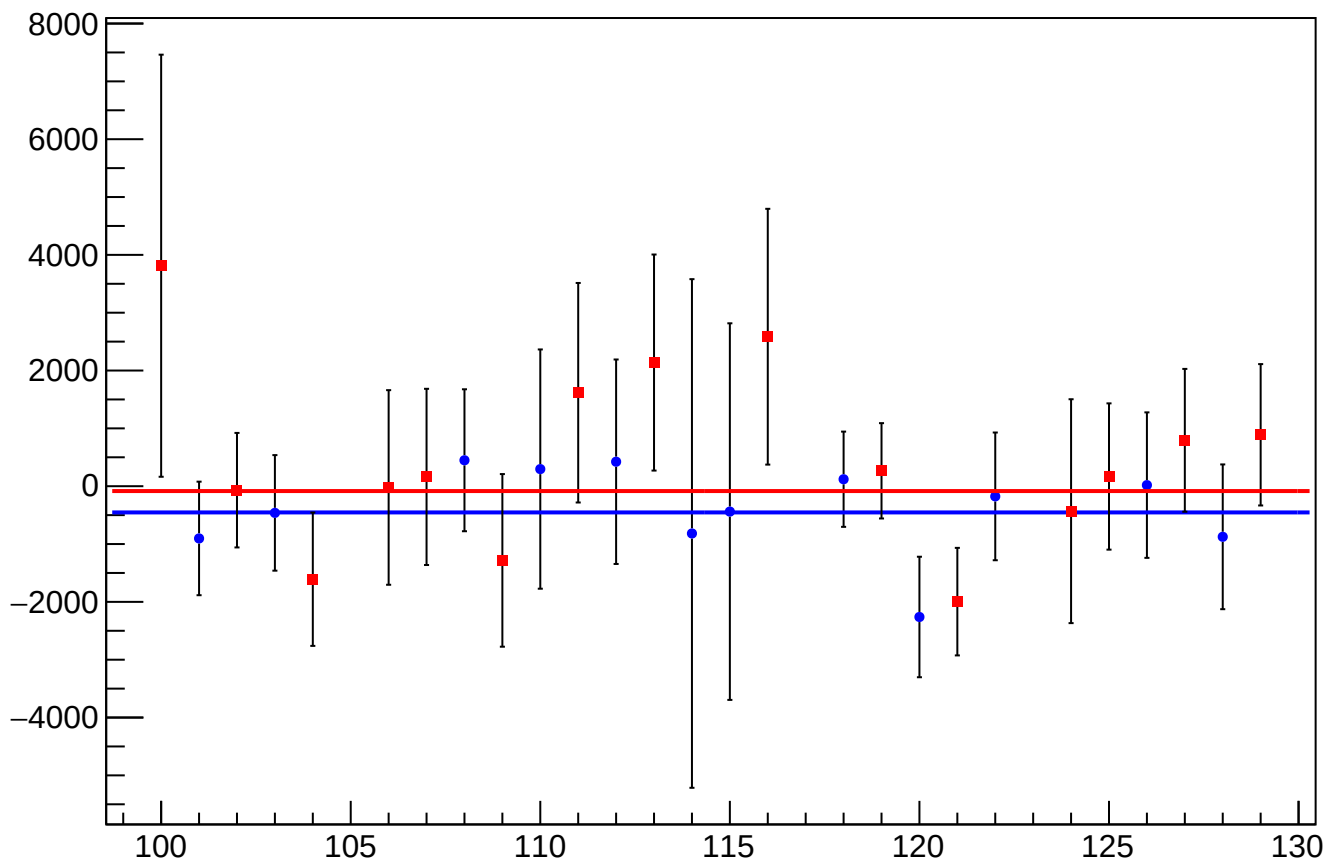
Right: 115.001+/-0.025 χ^2/NDF : 307382.2/26

In: 115.679+/-0.037 χ^2/NDF : 135941.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.001+/-0.025 χ^2/NDF : 307382.2/26

asym_sam_26_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -453.403+/-356.010 χ^2/NDF : 4.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

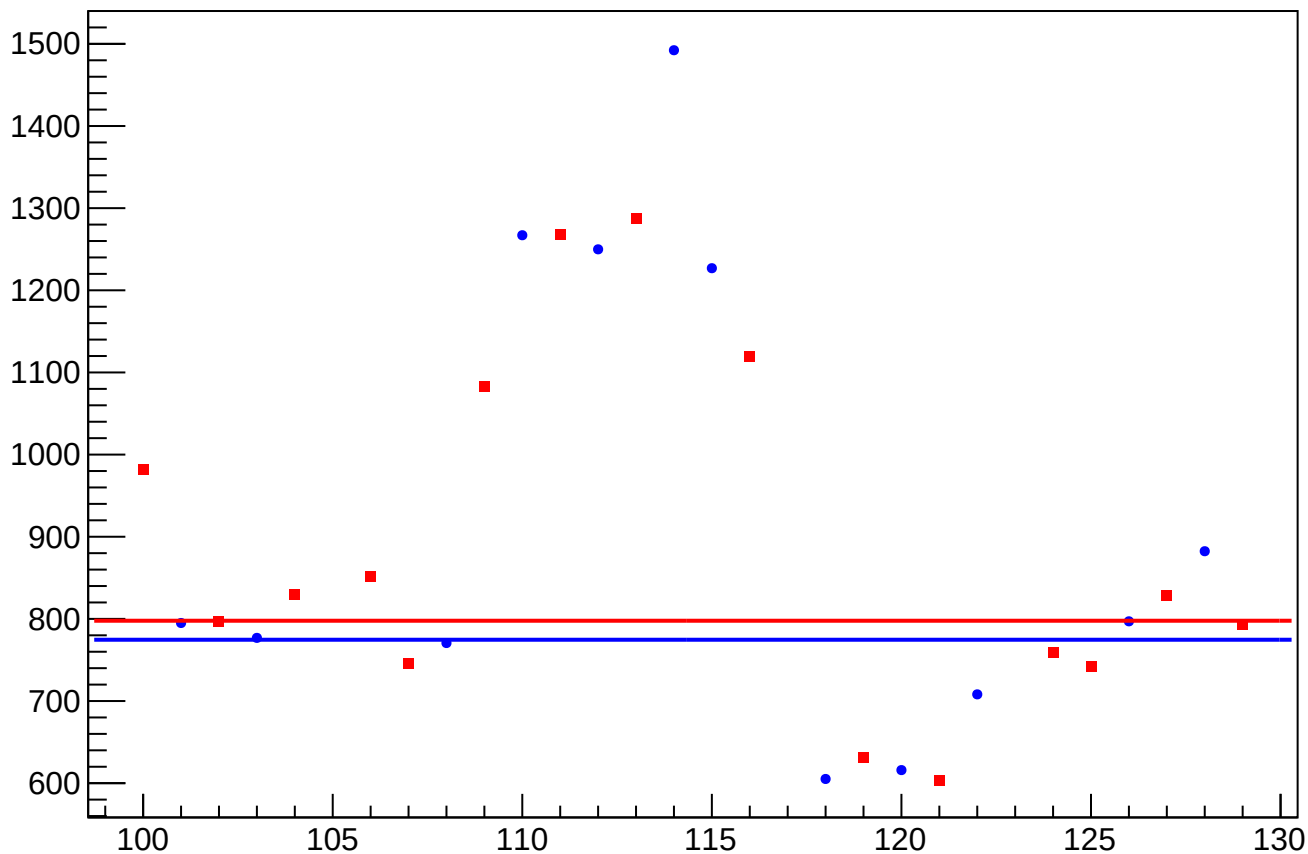
Right: -259.678+/-245.547 χ^2/NDF : 18.4/26

In: -453.403+/-356.010 χ^2/NDF : 4.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -259.678+/-245.547 χ^2/NDF : 18.4/26

asym_sam_26_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 774.614 $\pm$ 0.252 χ^2 /NDF: 504496.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 797.746 $\pm$ 0.240 χ^2 /NDF: 561502.3/14

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

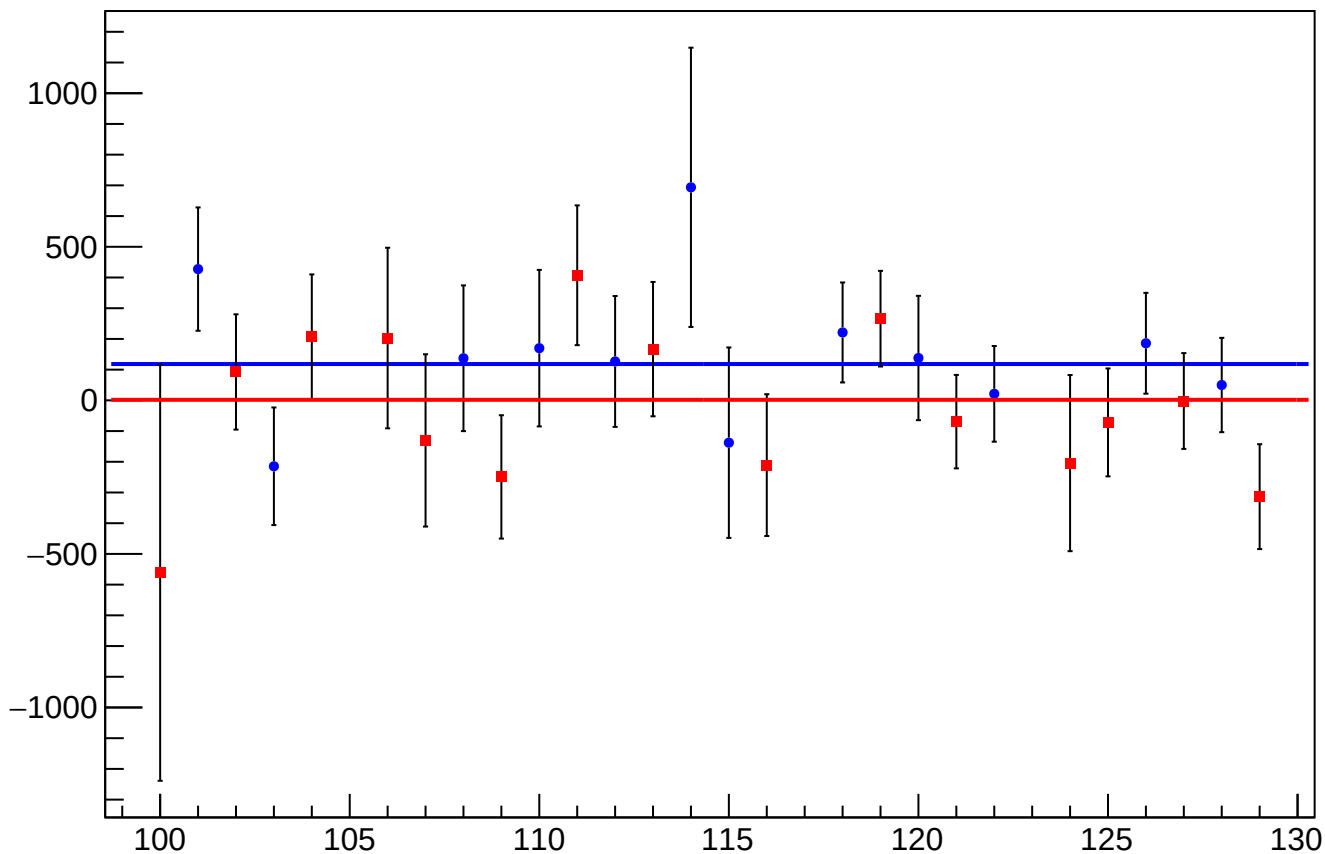
Right: 786.742 $\pm$ 0.174 χ^2 /NDF: 1070426.1/26

In: 774.614 $\pm$ 0.252 χ^2 /NDF:504496.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 786.742 $\pm$ 0.174 χ^2 /NDF: 1070426.1/26

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 118.240 $\pm$ 57.221 χ^2 /NDF: 8.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 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

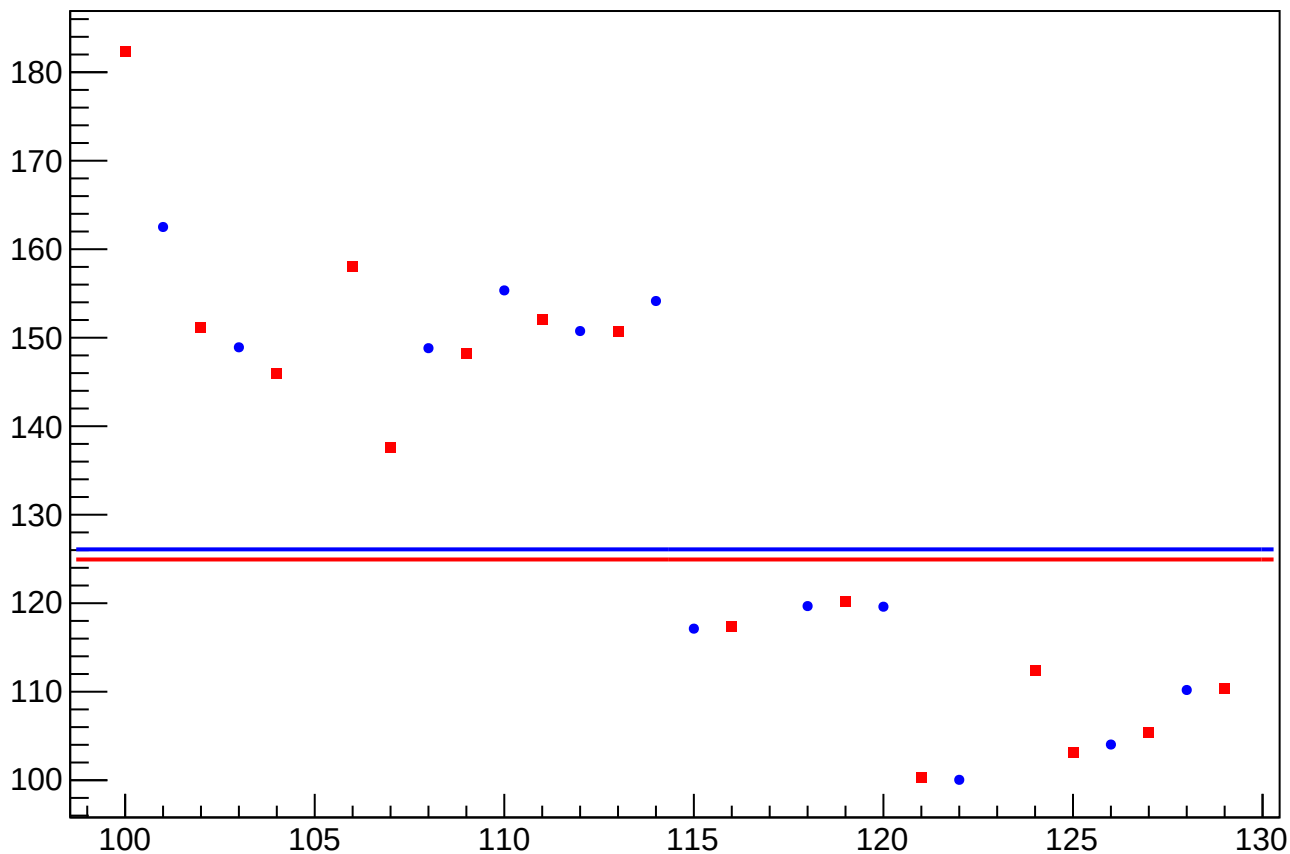
Right: 54.643 $\pm$ 38.556 χ^2 /NDF: 27.1/26

In: 118.240 $\pm$ 57.221 χ^2 /NDF:8.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 54.643 $\pm$ 38.556 χ^2 /NDF: 27.1/26

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 126.084 $\pm$ 0.040 χ^2 /NDF: 293619.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 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

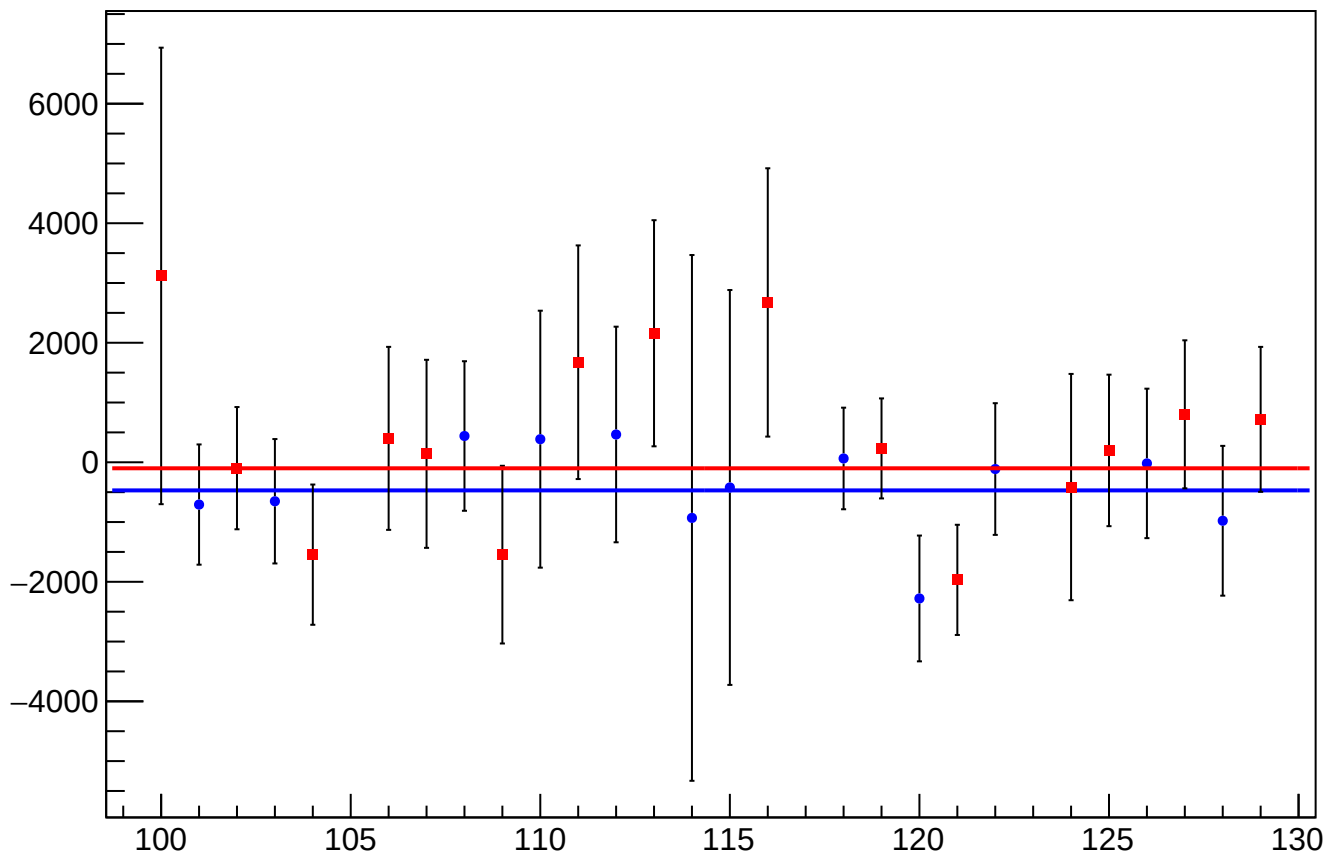
Right: 125.460 $\pm$ 0.027 χ^2 /NDF: 618187.6/26

In: 126.084 $\pm$ 0.040 χ^2 /NDF:293619.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 125.460 $\pm$ 0.027 χ^2 /NDF: 618187.6/26

asym_sam_26_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -470.481+/-362.650 χ^2/NDF : 4.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -100.662+/-340.760 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

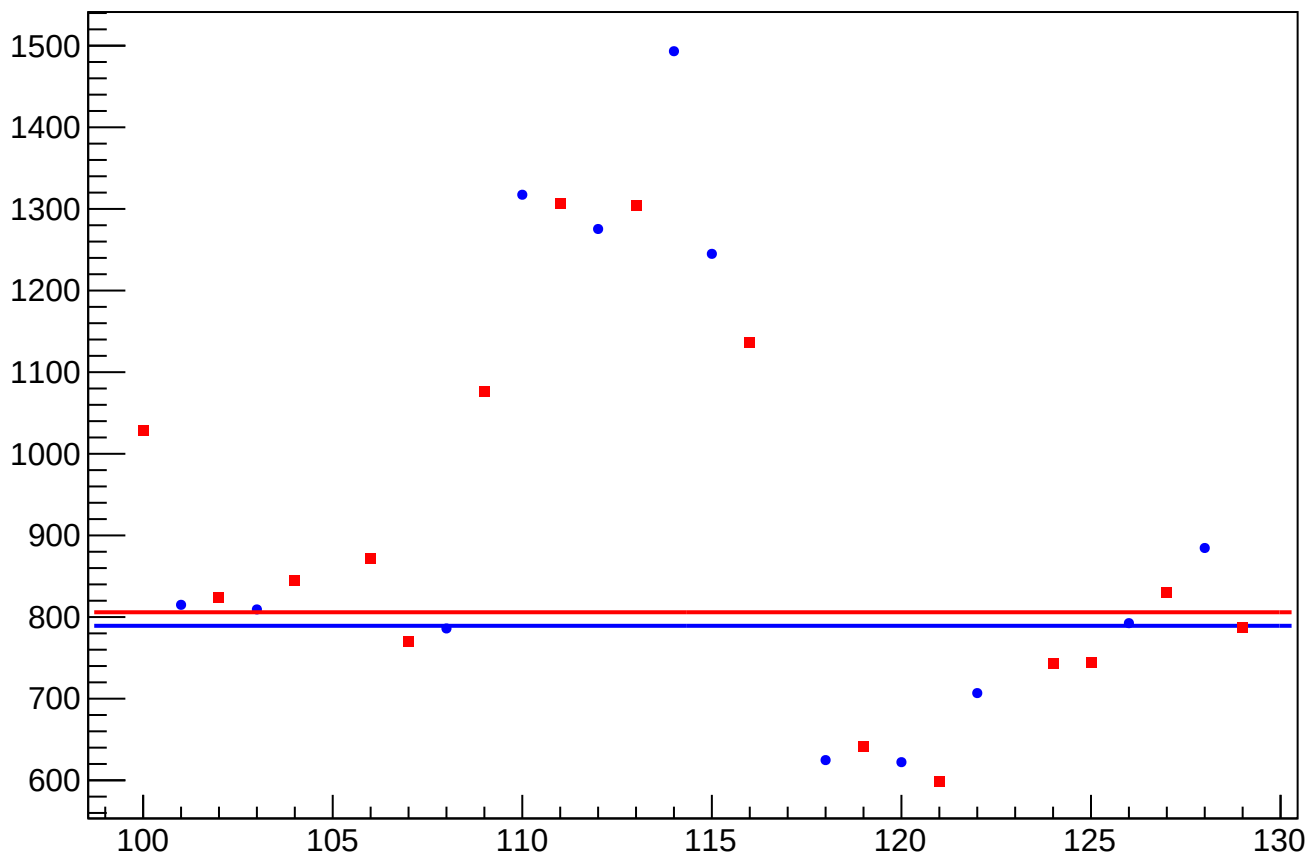
Right: -274.074+/-248.332 χ^2/NDF : 17.8/26

In: -470.481+/-362.650 χ^2/NDF : 4.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -274.074+/-248.332 χ^2/NDF : 17.8/26

asym_sam_26_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 789.274+/-0.256 χ^2/NDF : 505383.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

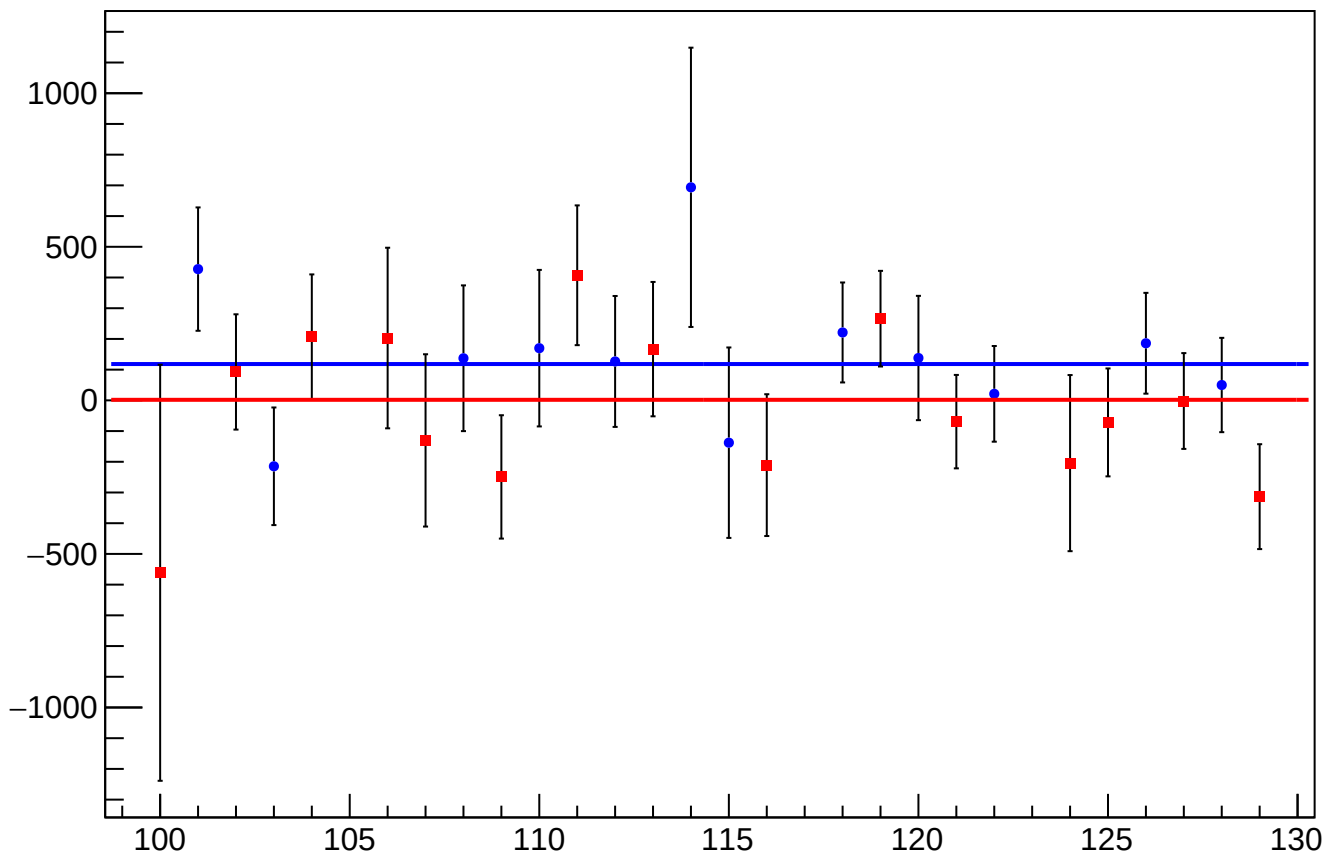
Right: 798.089+/-0.176 χ^2/NDF : 1087777.3/26

In: 789.274+/-0.256 χ^2/NDF : 505383.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 798.089+/-0.176 χ^2/NDF : 1087777.3/26

eigen_dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 118.239 $\pm$ 57.221 χ^2 /NDF: 8.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 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

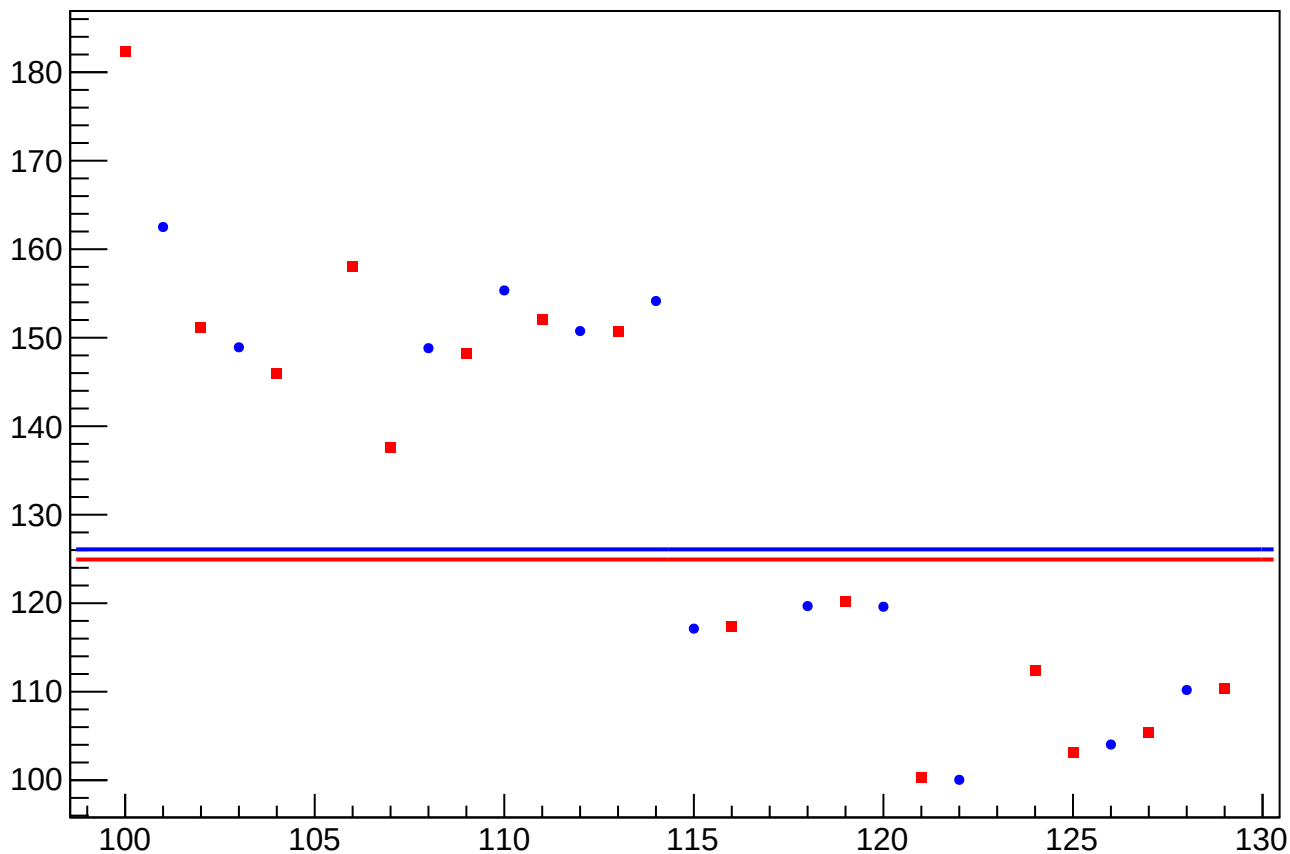
Right: 54.642 $\pm$ 38.556 χ^2 /NDF: 27.1/26

In: 118.239 $\pm$ 57.221 χ^2 /NDF:8.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 54.642 $\pm$ 38.556 χ^2 /NDF: 27.1/26

eigen_dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 126.084+/-0.040 χ^2/NDF : 293611.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

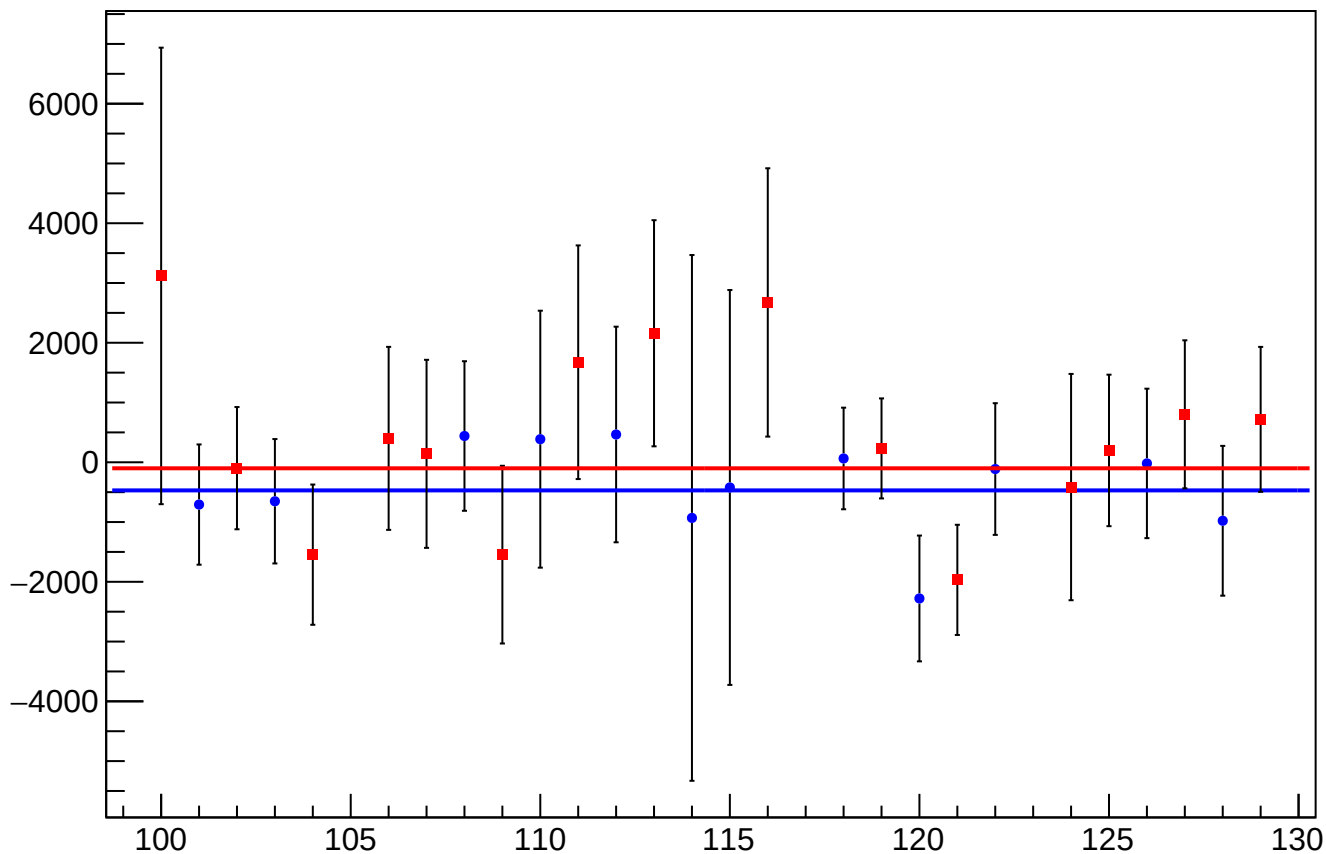
Right: 125.460+/-0.027 χ^2/NDF : 618172.6/26

In: 126.084+/-0.040 χ^2/NDF : 293611.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.460+/-0.027 χ^2/NDF : 618172.6/26

asym_sam_26_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -470.482+/-362.649 χ^2/NDF : 4.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

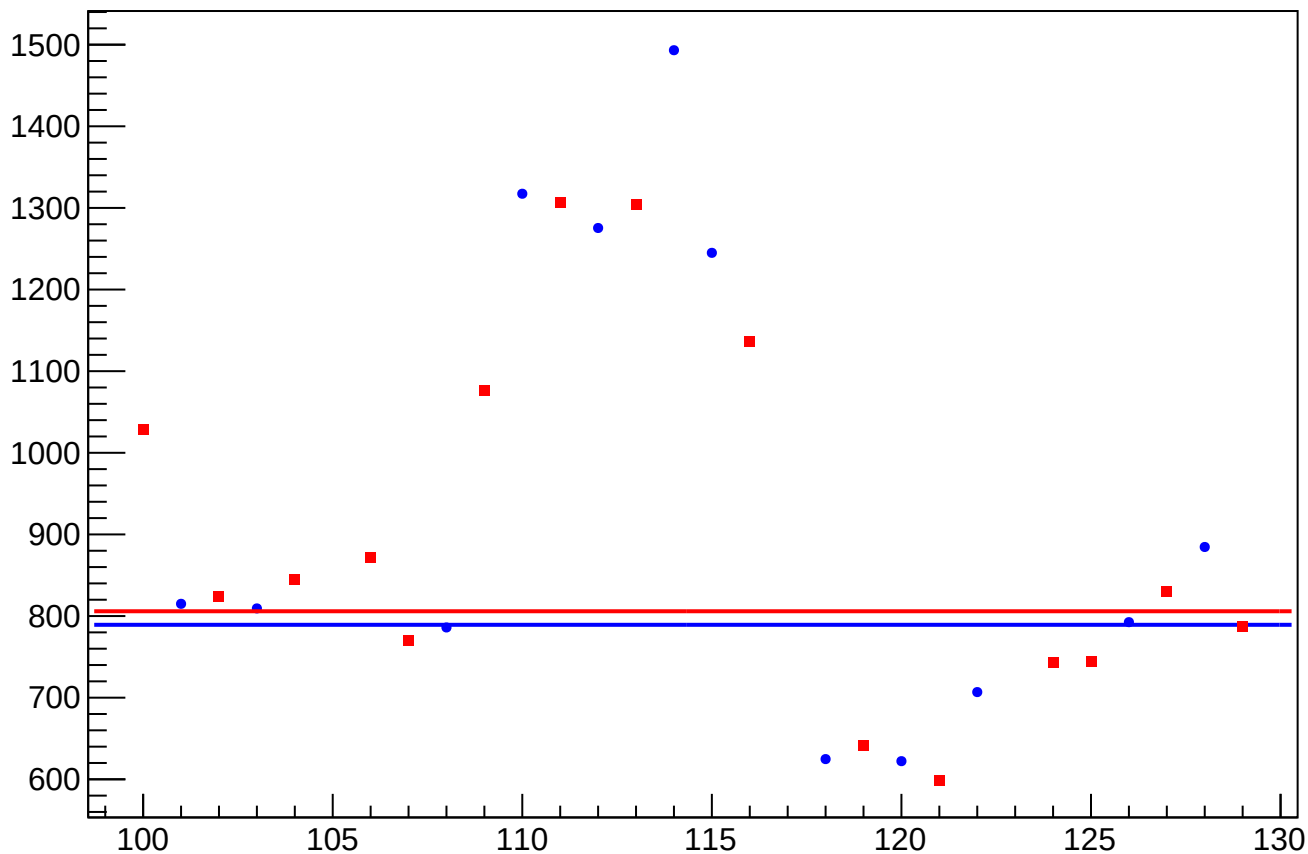
Right: -274.075+/-248.332 χ^2/NDF : 17.8/26

In: -470.482+/-362.649 χ^2/NDF : 4.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -274.075+/-248.332 χ^2/NDF : 17.8/26

asym_sam_26_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 789.274+/-0.256 χ^2/NDF : 505378.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

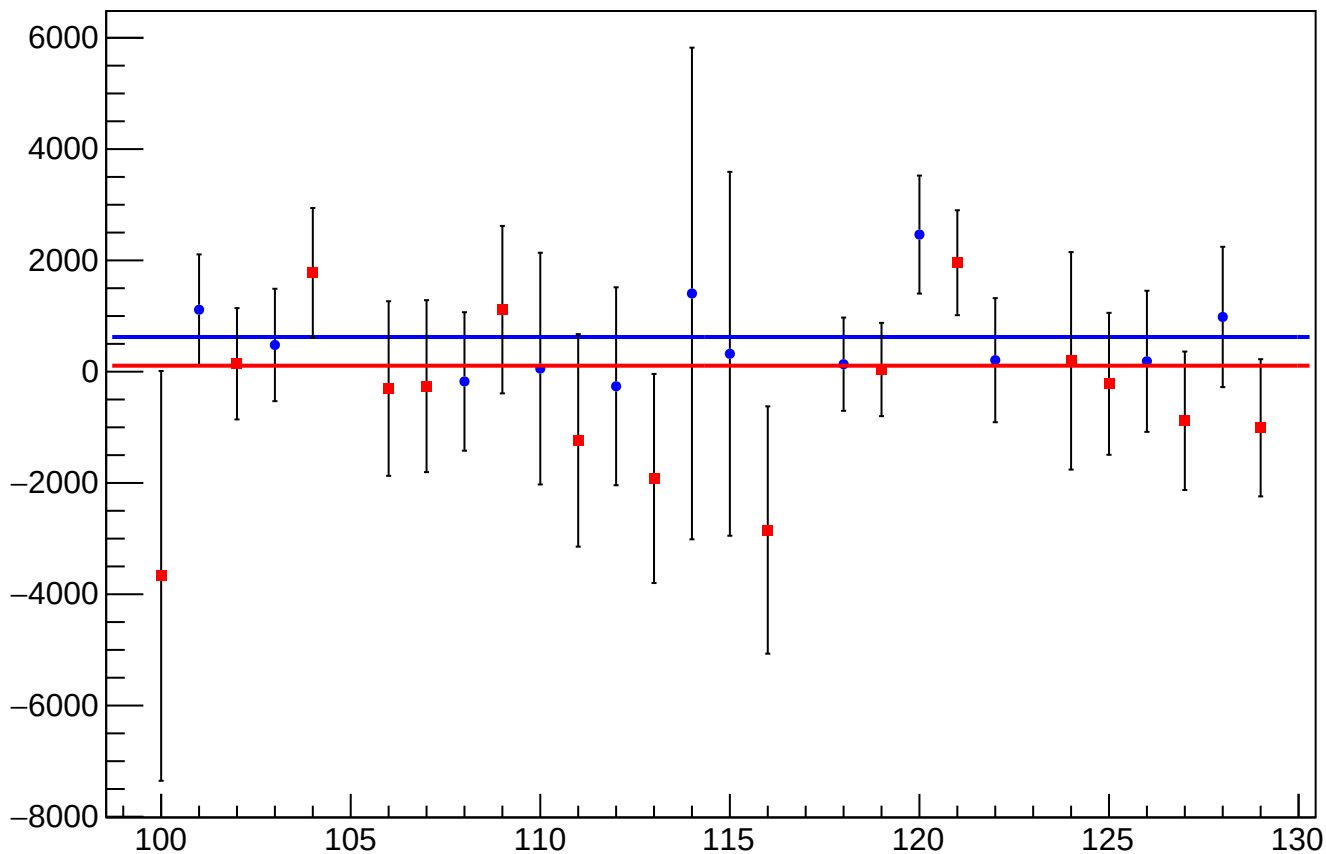
Right: 798.089+/-0.176 χ^2/NDF : 1087764.8/26

In: 789.274+/-0.256 χ^2/NDF : 505378.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 798.089+/-0.176 χ^2/NDF : 1087764.8/26

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 623.162 $\pm$ 360.443 χ^2 /NDF: 4.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 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

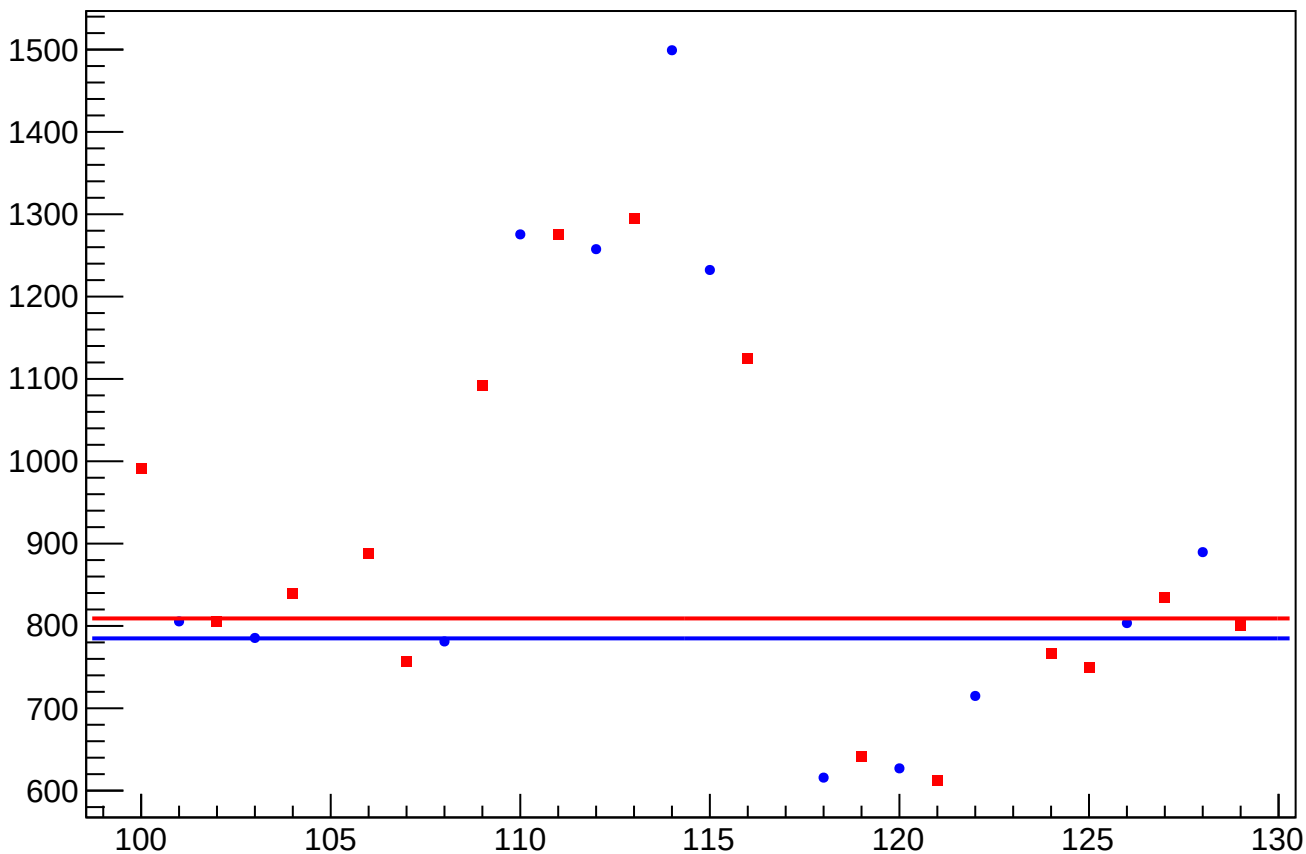
Right: 351.620 $\pm$ 247.994 χ^2 /NDF: 18.3/26

In: 623.162 $\pm$ 360.443 χ^2 /NDF:4.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 351.620 $\pm$ 247.994 χ^2 /NDF: 18.3/26

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 784.897+/-0.255 χ^2/NDF : 490751.9/11

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

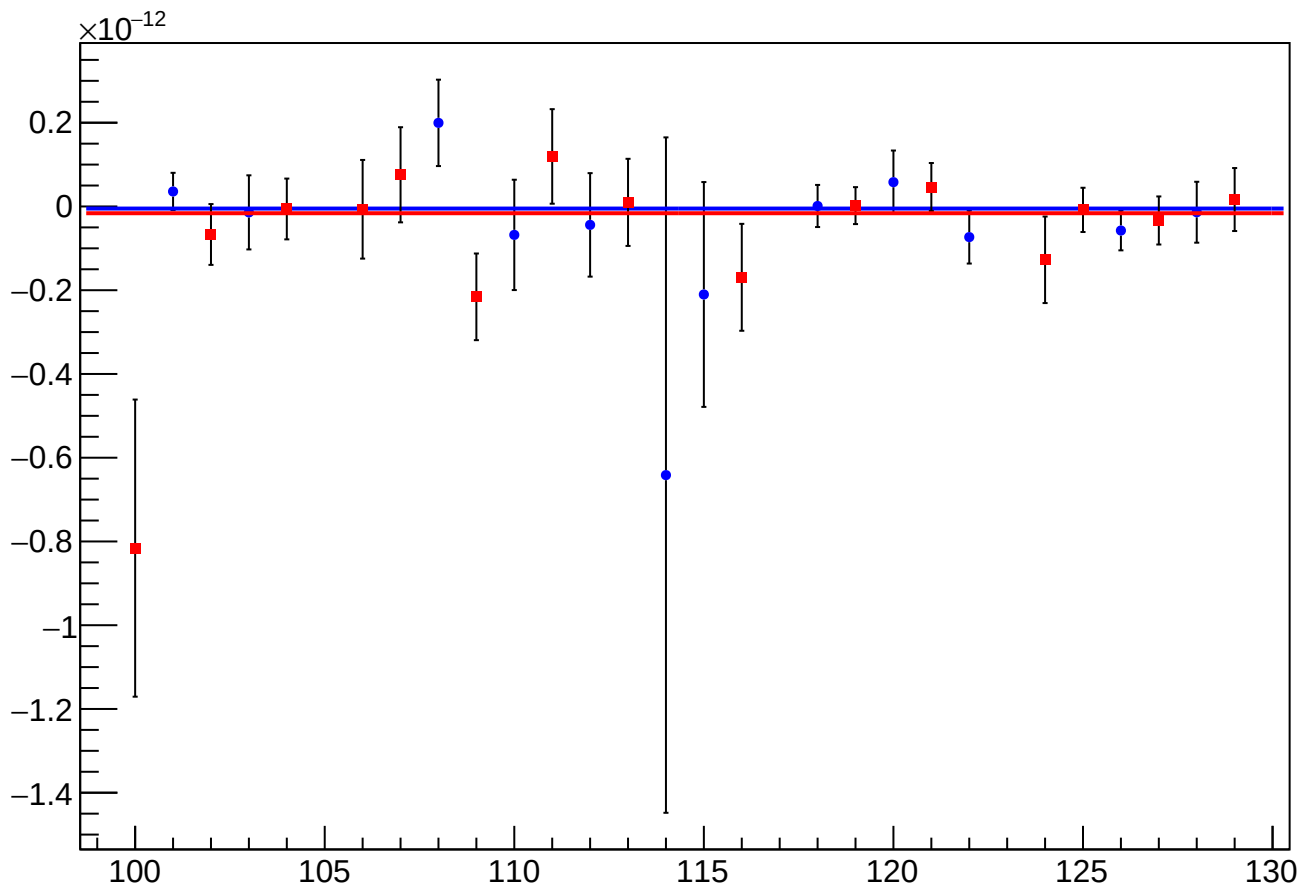
Right: 797.655+/-0.175 χ^2/NDF : 1046292.5/26

In: 784.897+/-0.255 χ^2/NDF : 490751.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 797.655+/-0.175 χ^2/NDF : 1046292.5/26

asym_sam_26_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

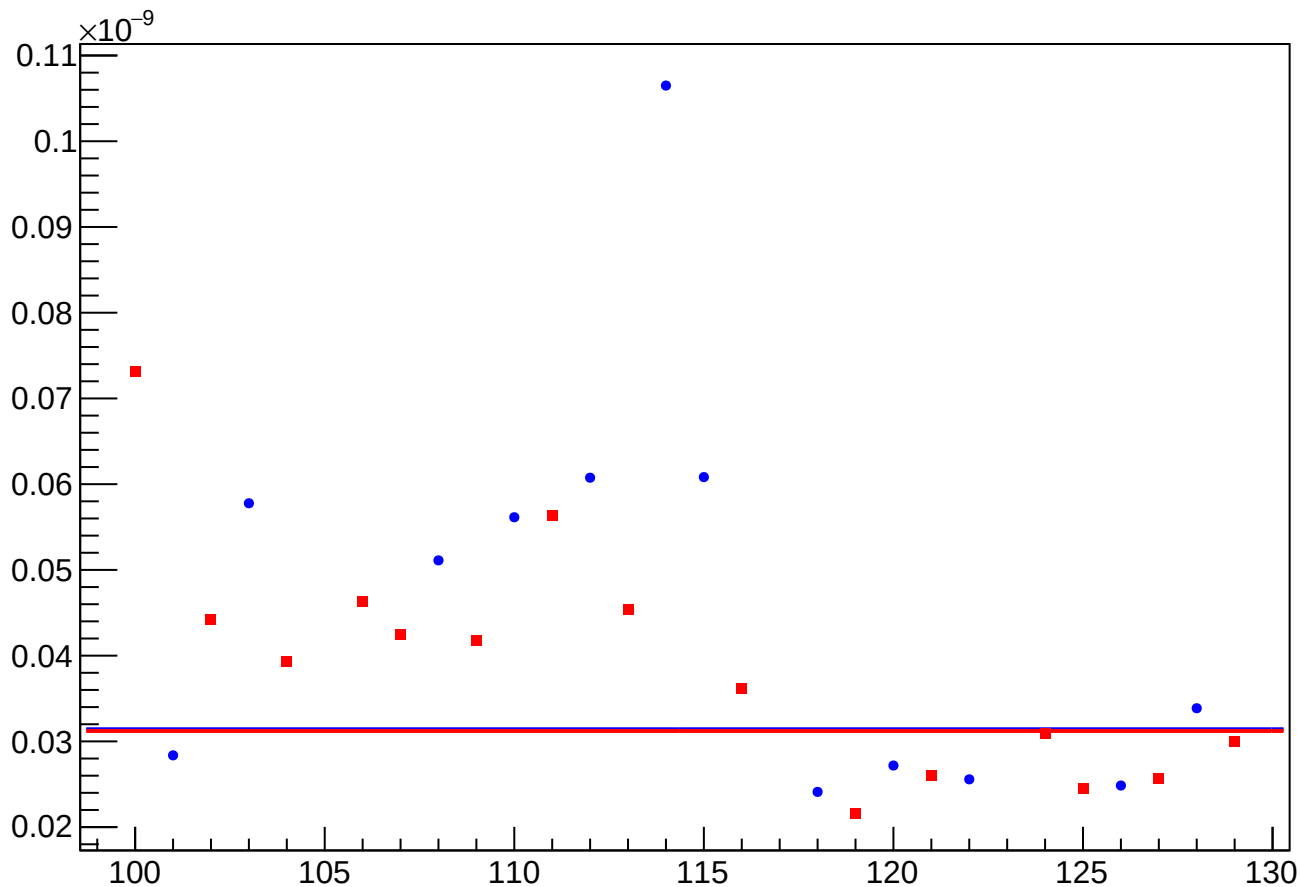
Right: -0.000+/-0.000 χ^2/NDF : 25.3/26

In: -0.000+/-0.000 χ^2/NDF : 9.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.3/26

asym_sam_26_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 590577.0/11

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

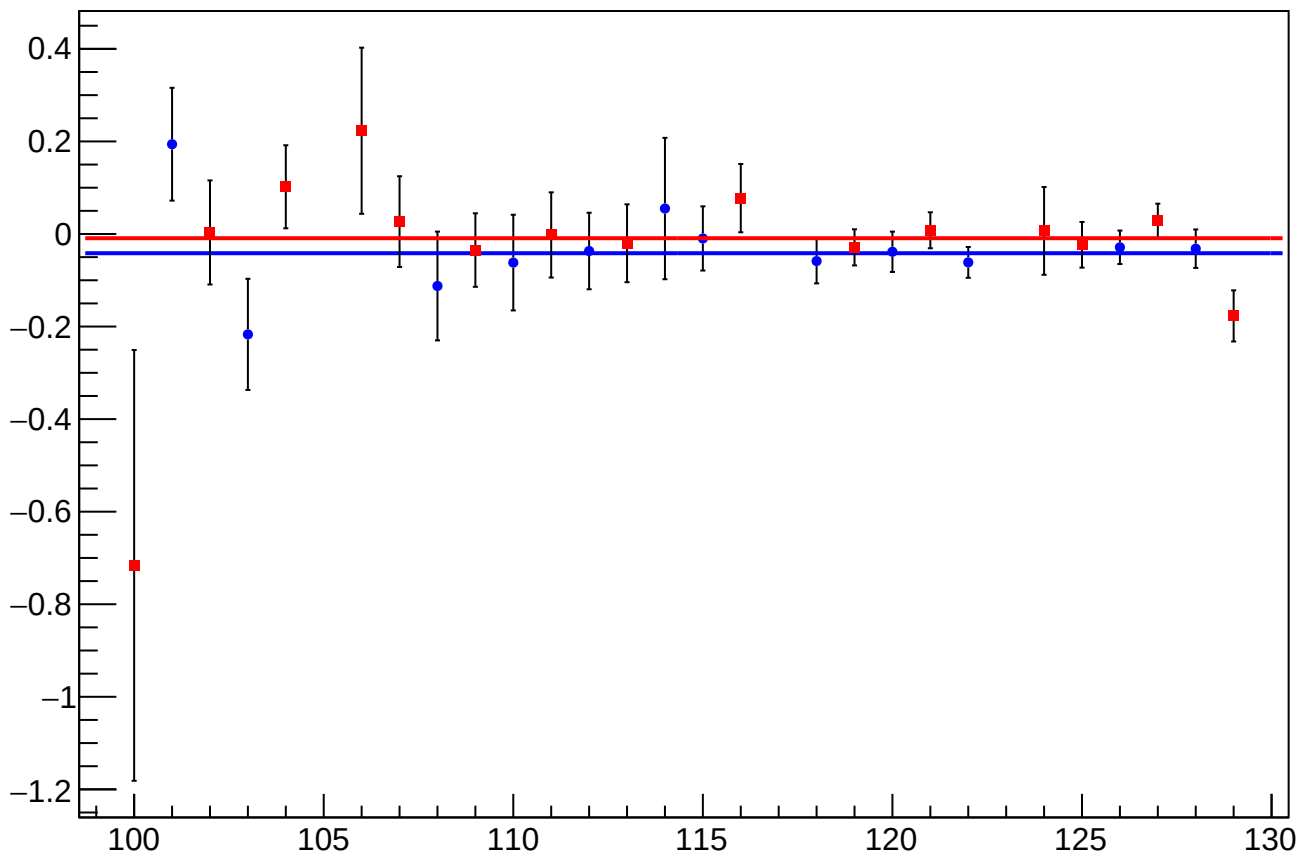
Right: 0.000+/-0.000 χ^2/NDF : 1083246.3/26

In: 0.000+/-0.000 χ^2/NDF : 590577.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1083246.3/26

asym_sam_26_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.042 $\pm$ 0.016 χ^2 /NDF: 7.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.009 $\pm$ 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

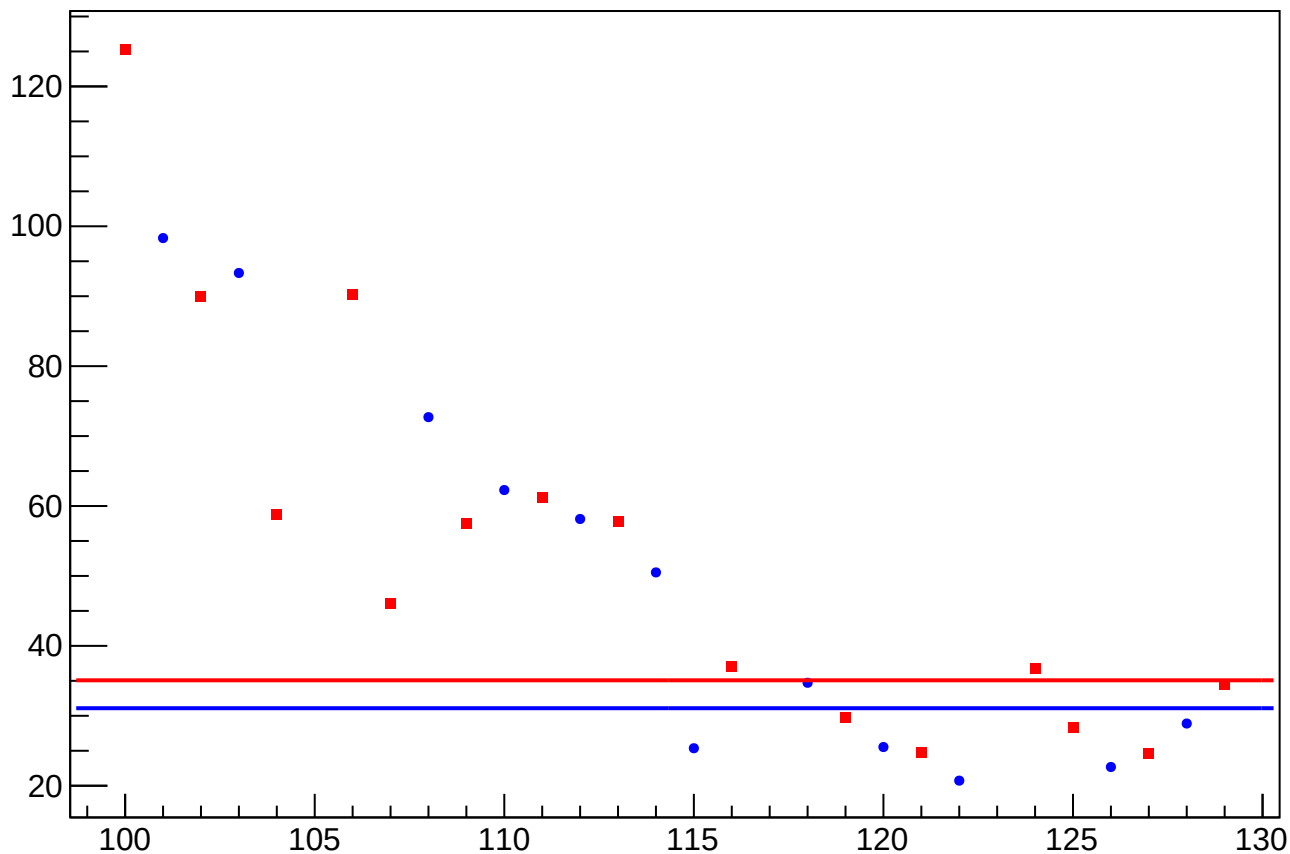
Right: -0.025 $\pm$ 0.011 χ^2 /NDF: 27.6/26

In: -0.042 $\pm$ 0.016 χ^2 /NDF:7.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.025 $\pm$ 0.011 χ^2 /NDF: 27.6/26

asym_sam_26_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.086+/-0.011 χ^2/NDF : 2189957.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 35.076+/-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

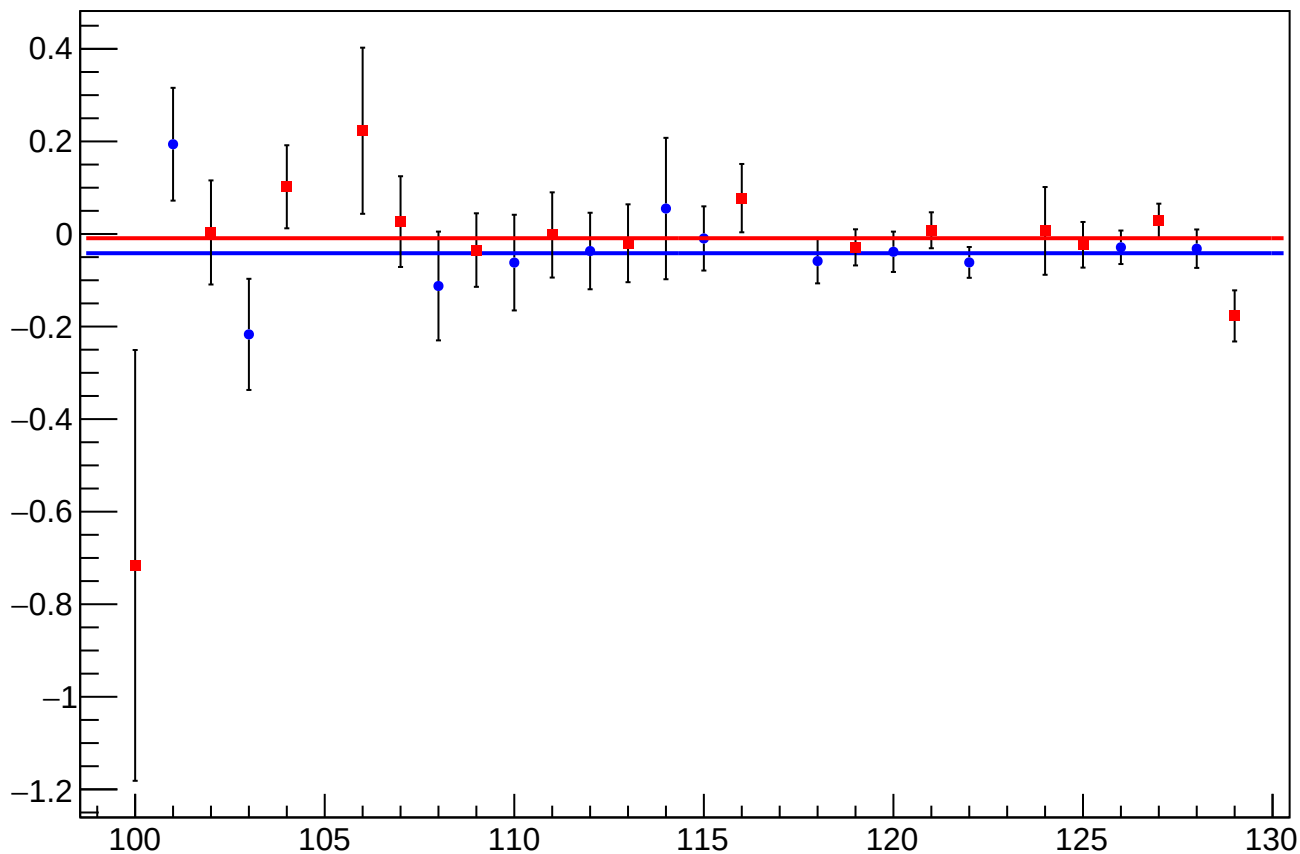
Right: 33.064+/-0.008 χ^2/NDF : 4000207.9/26

In: 31.086+/-0.011 χ^2/NDF :2189957.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 33.064+/-0.008 χ^2/NDF : 4000207.9/26

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.042 $\pm$ 0.016 χ^2 /NDF: 7.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.009 $\pm$ 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

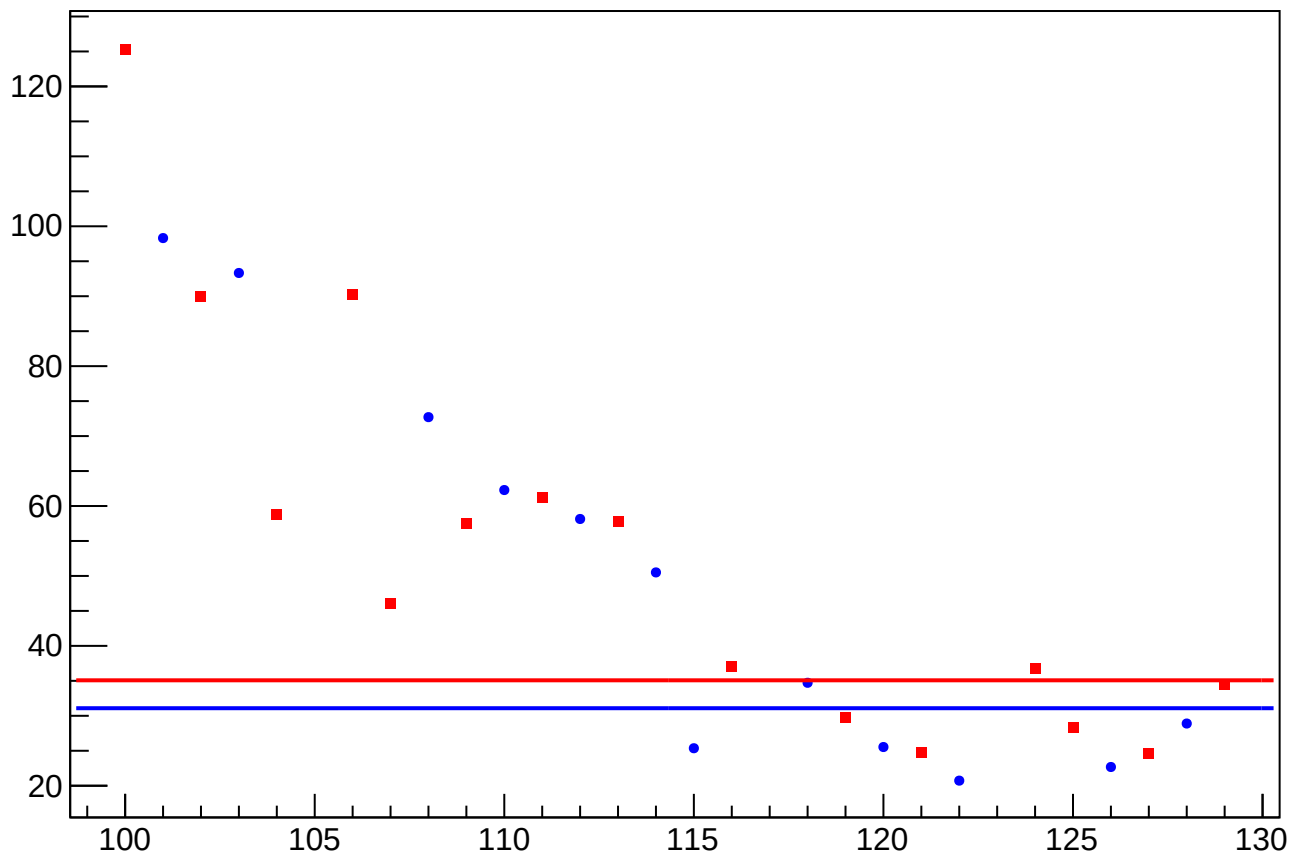
Right: -0.025 $\pm$ 0.011 χ^2 /NDF: 27.6/26

In: -0.042 $\pm$ 0.016 χ^2 /NDF:7.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.025 $\pm$ 0.011 χ^2 /NDF: 27.6/26

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.086+/-0.011 χ^2/NDF : 2189957.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.076+/-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

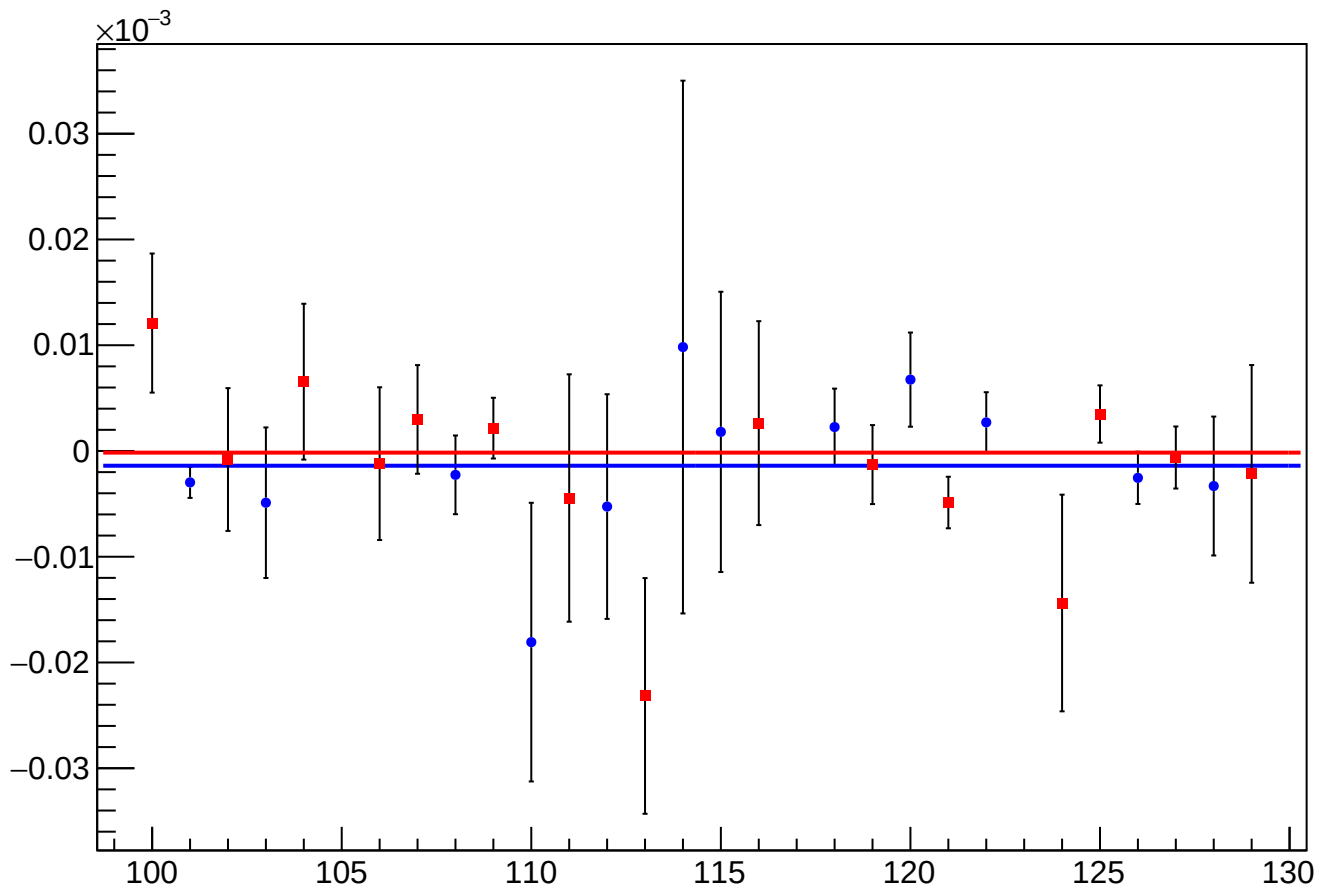
Right: 33.064+/-0.008 χ^2/NDF : 4000207.9/26

In: 31.086+/-0.011 χ^2/NDF : 2189957.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.064+/-0.008 χ^2/NDF : 4000207.9/26

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.2/11

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

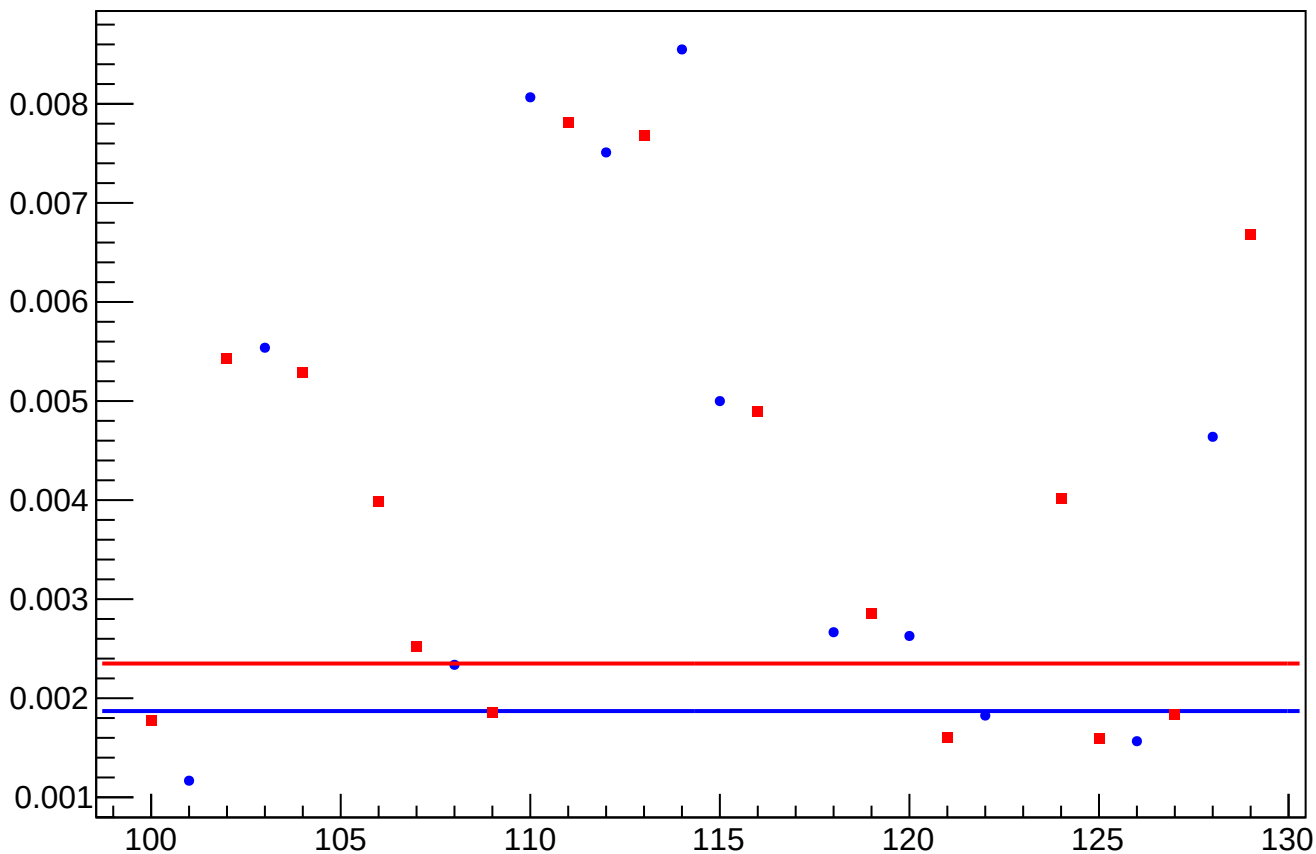
Right: -0.000+/-0.000 χ^2/NDF : 28.3/26

In: -0.000+/-0.000 χ^2/NDF : 10.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.3/26

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2820909.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 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

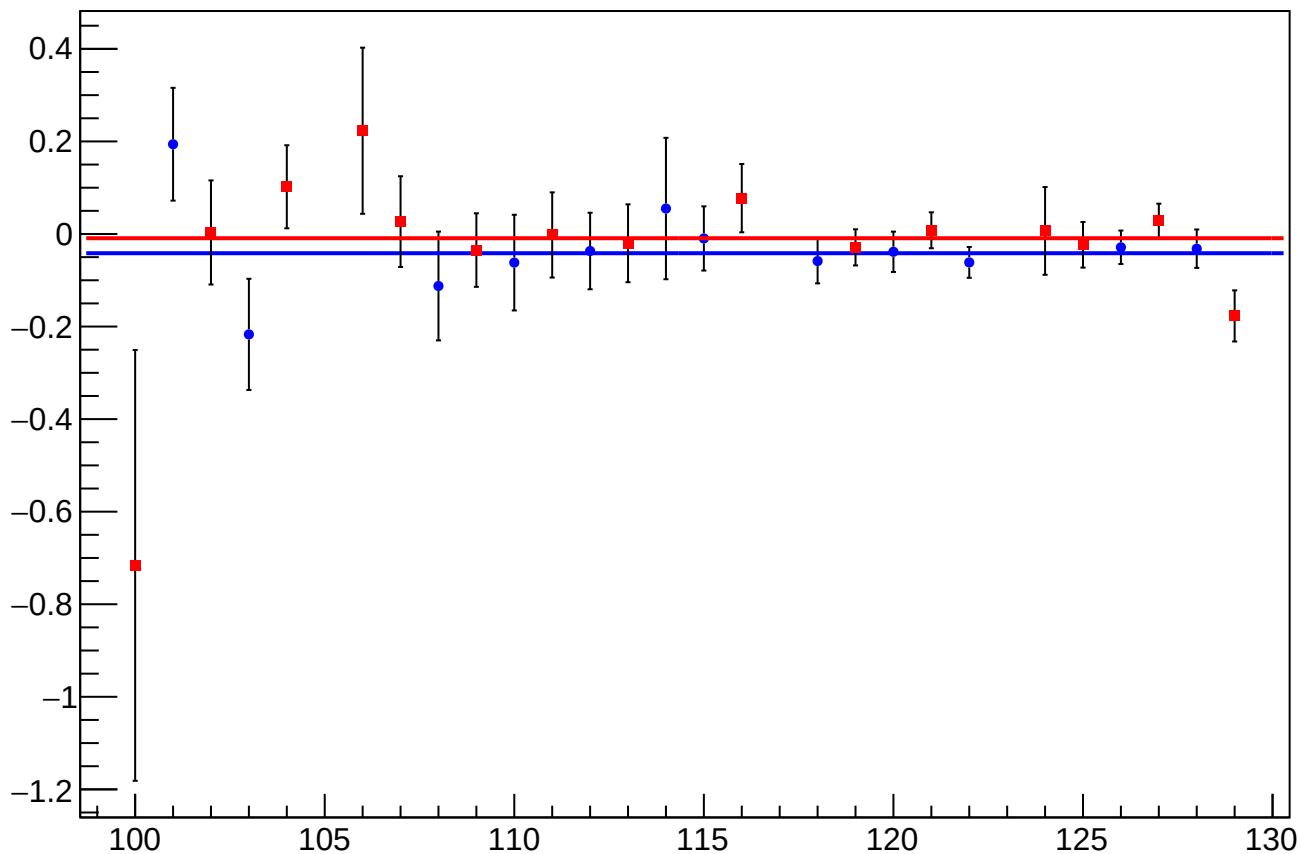
Right: 0.002+/-0.000 χ^2/NDF : 5821485.9/26

In: 0.002+/-0.000 χ^2/NDF : 2820909.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5821485.9/26

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.042 $\pm$ 0.016 χ^2 /NDF: 7.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.009 $\pm$ 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

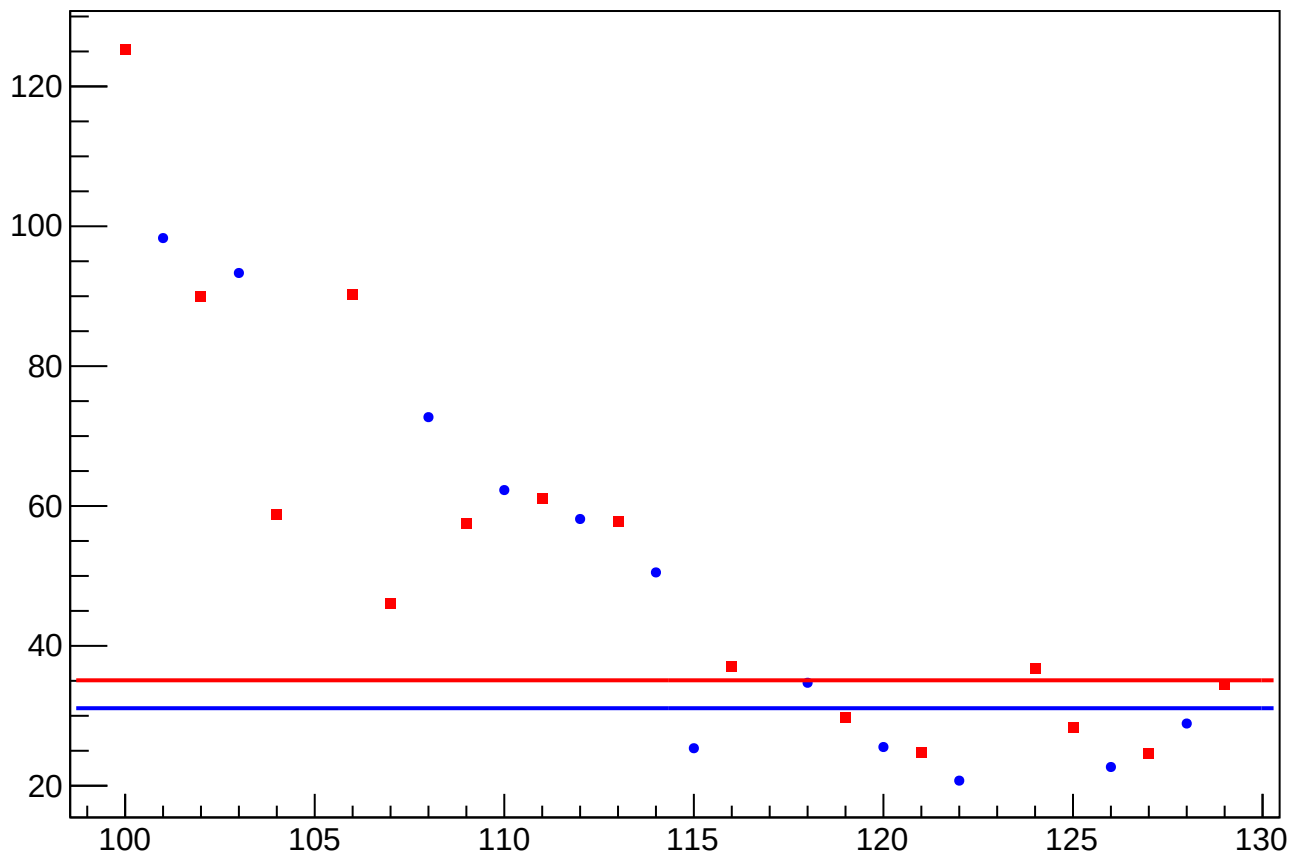
Right: -0.025 $\pm$ 0.011 χ^2 /NDF: 27.6/26

In: -0.042 $\pm$ 0.016 χ^2 /NDF:7.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.025 $\pm$ 0.011 χ^2 /NDF: 27.6/26

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.086 $\pm$ 0.011 χ^2 /NDF: 2189926.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 35.076 $\pm$ 0.011 χ^2 /NDF: 1748583.9/14

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

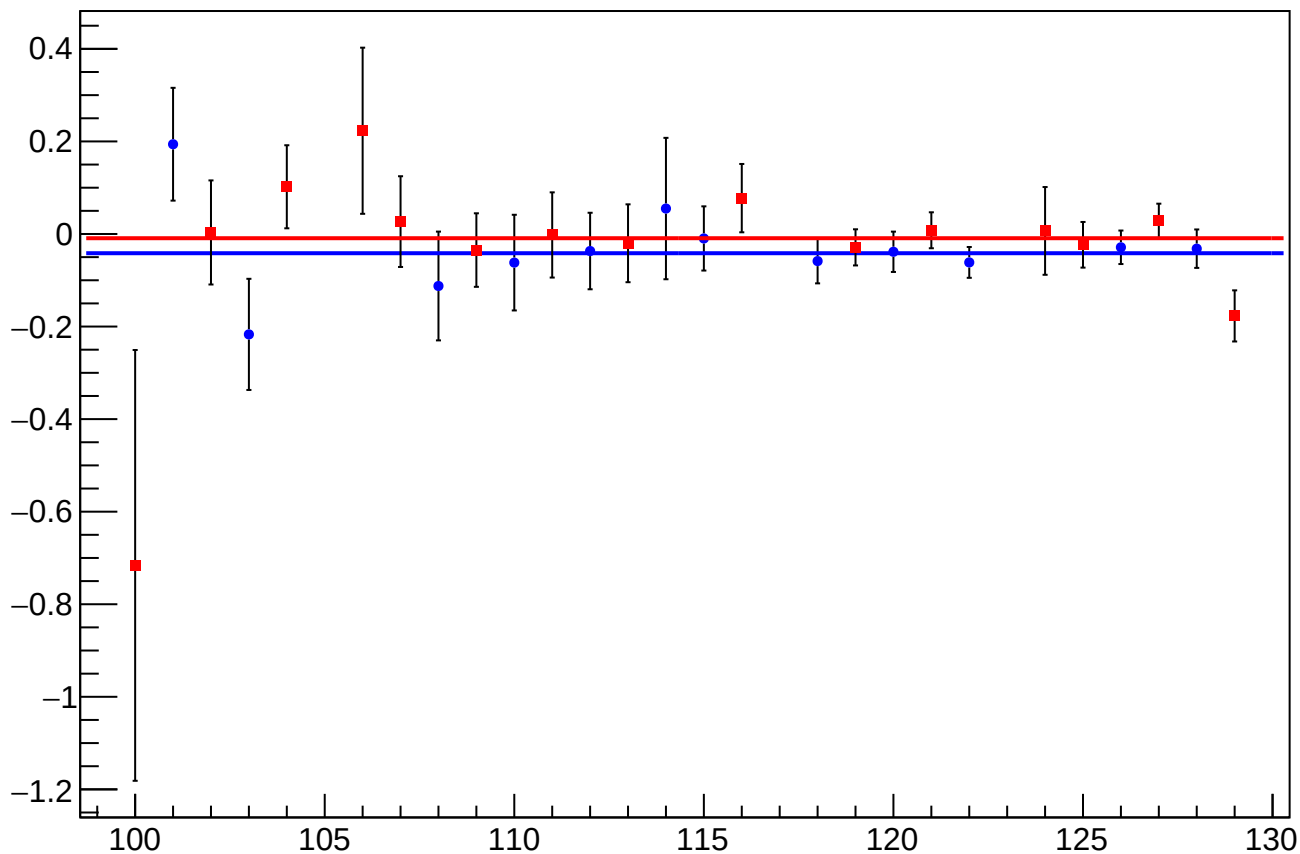
Right: 33.064 $\pm$ 0.008 χ^2 /NDF: 4000116.7/26

In: 31.086 $\pm$ 0.011 χ^2 /NDF:2189926.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 33.064 $\pm$ 0.008 χ^2 /NDF: 4000116.7/26

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.042 $\pm$ 0.016 χ^2 /NDF: 7.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.009 $\pm$ 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

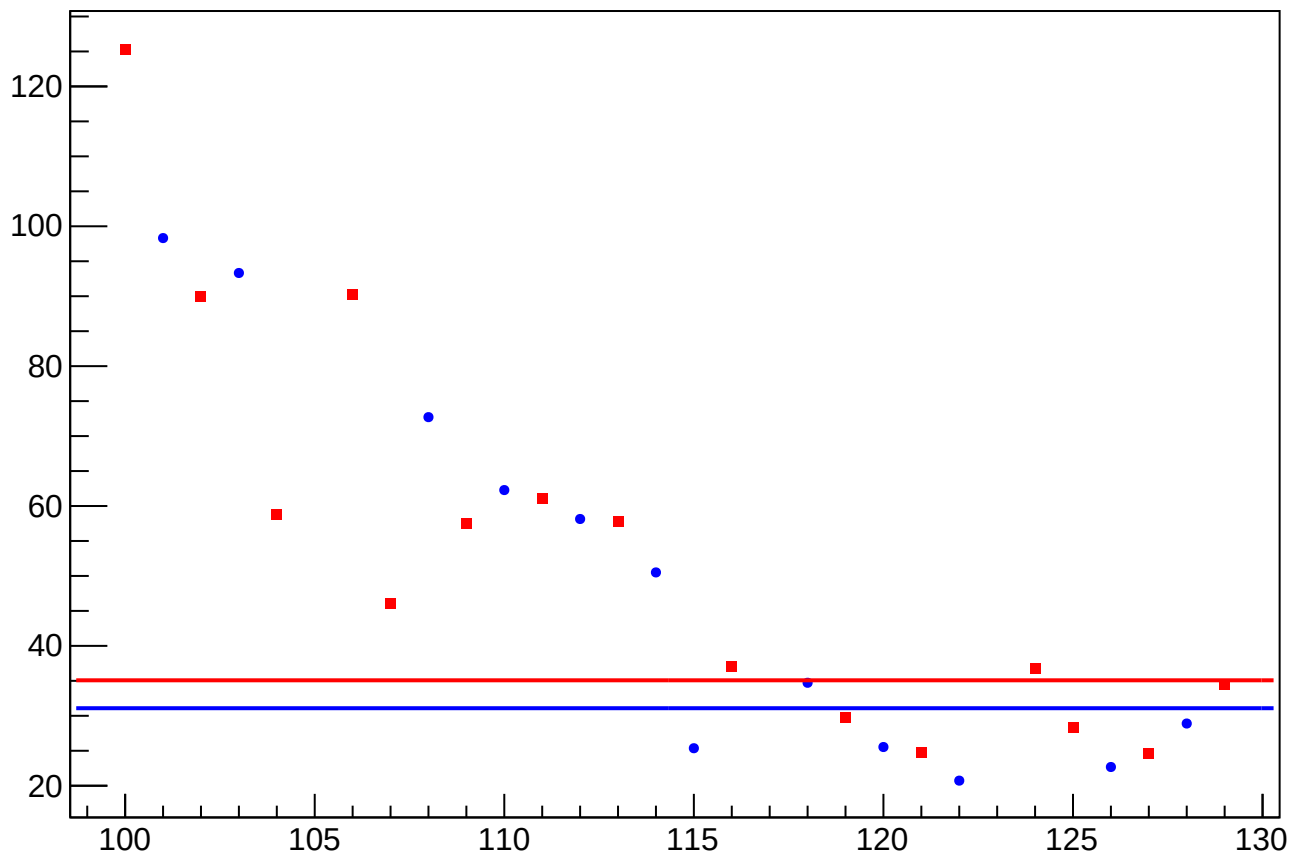
Right: -0.025 $\pm$ 0.011 χ^2 /NDF: 27.6/26

In: -0.042 $\pm$ 0.016 χ^2 /NDF:7.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.025 $\pm$ 0.011 χ^2 /NDF: 27.6/26

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.086+/-0.011 χ^2/NDF : 2189926.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.076+/-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

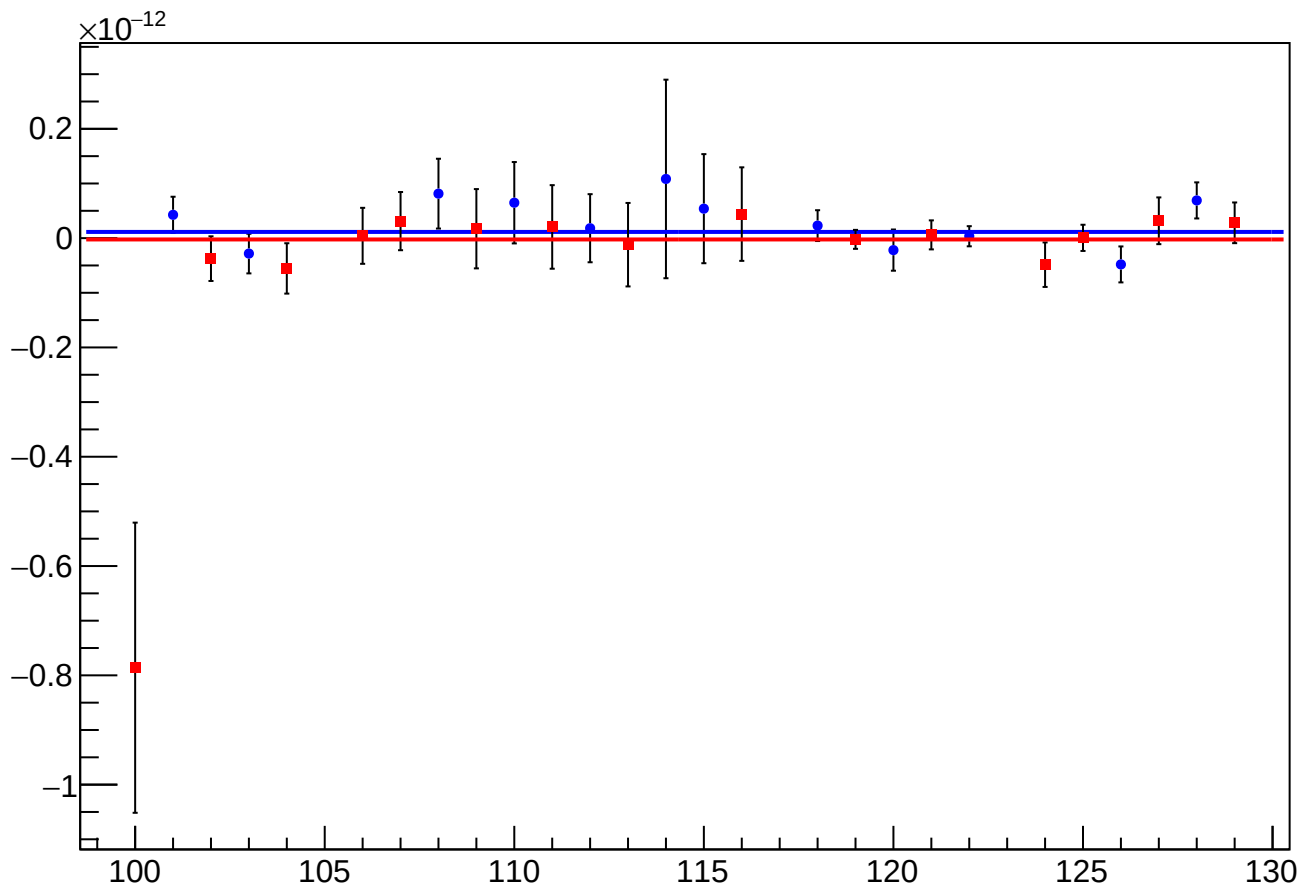
Right: 33.064+/-0.008 χ^2/NDF : 4000116.7/26

In: 31.086+/-0.011 χ^2/NDF : 2189926.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.064+/-0.008 χ^2/NDF : 4000116.7/26

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 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

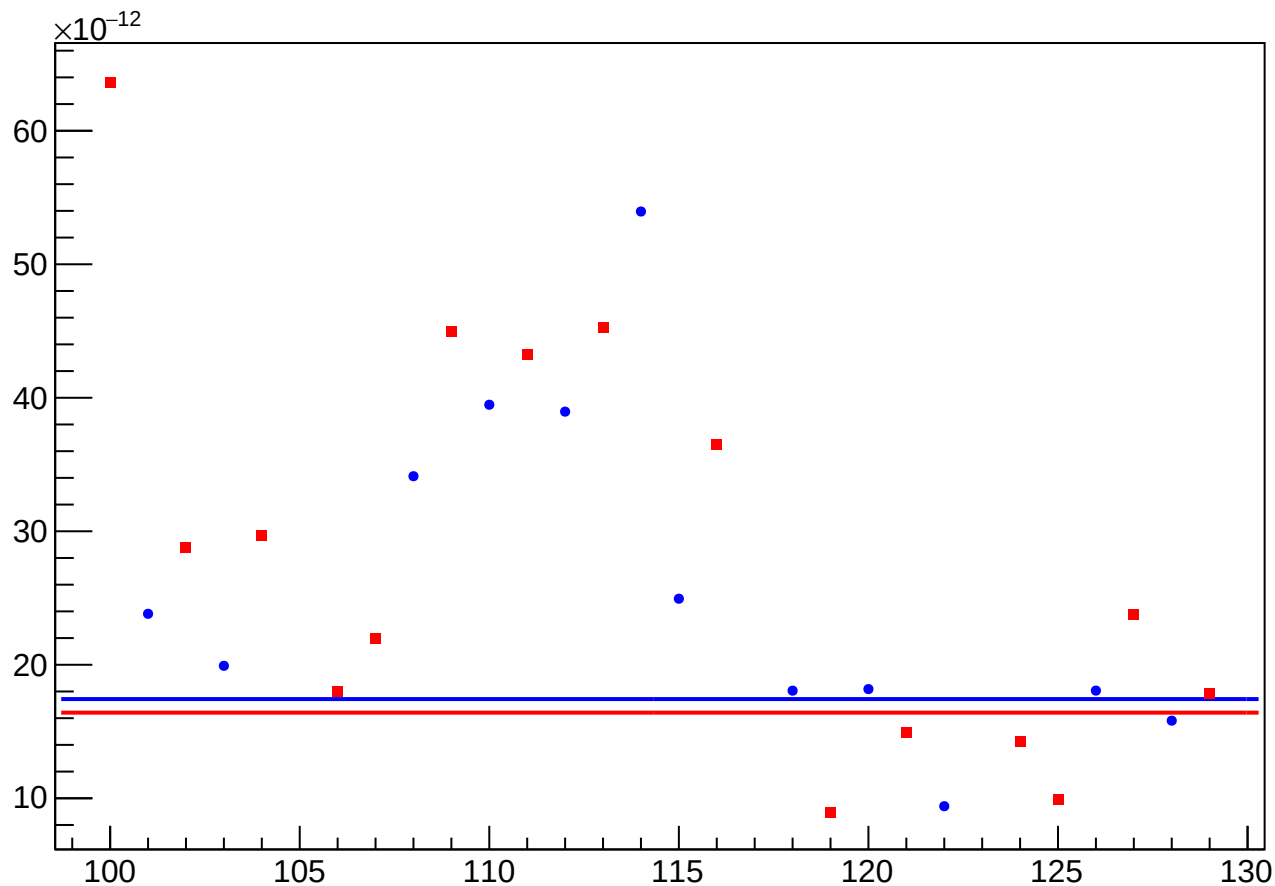
Right: 0.000+/-0.000 χ^2/NDF : 27.0/26

In: 0.000+/-0.000 χ^2/NDF : 11.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.0/26

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1113249.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

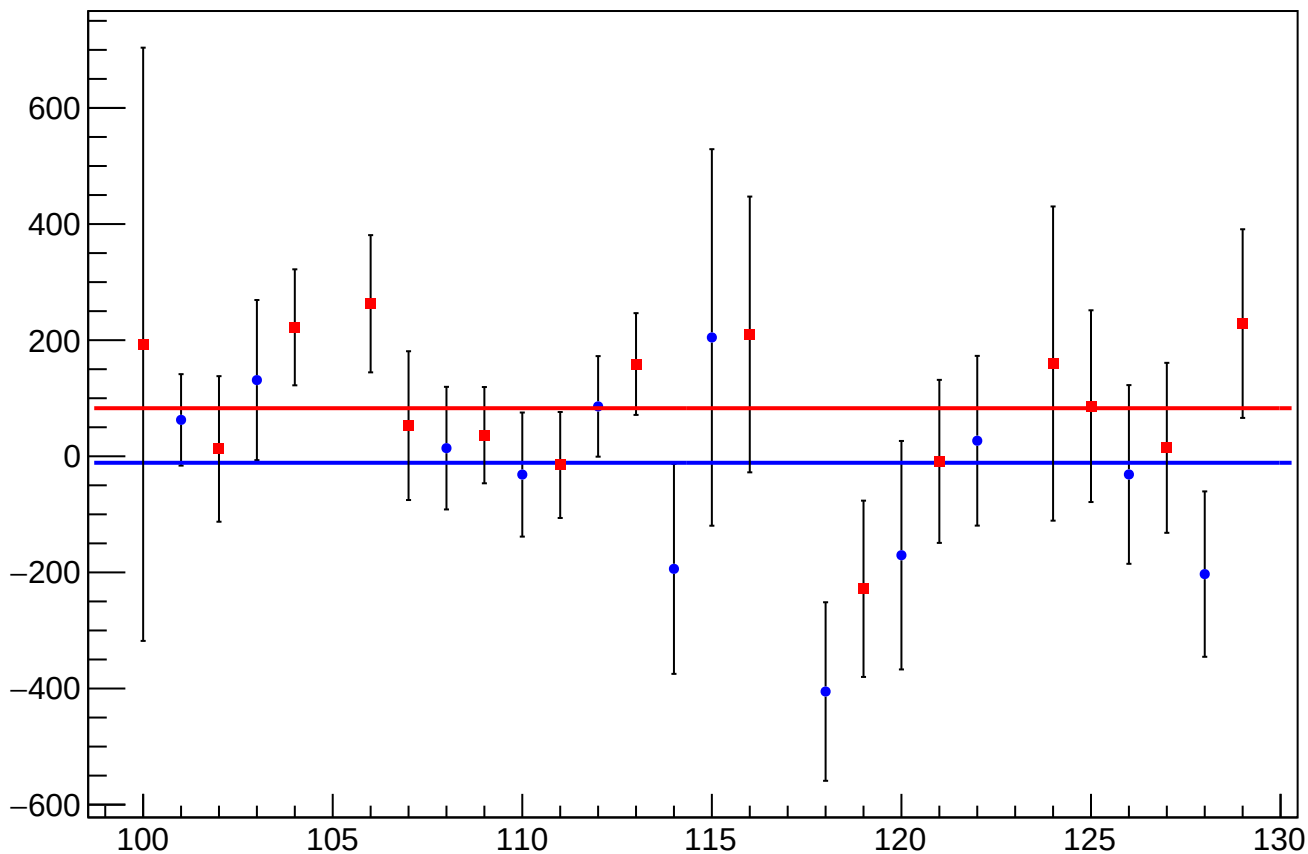
Right: 0.000+/-0.000 χ^2/NDF : 3104624.3/26

In: 0.000+/-0.000 χ^2/NDF : 1113249.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3104624.3/26

reg_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -11.175 ± 36.020 χ^2/NDF : 13.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 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

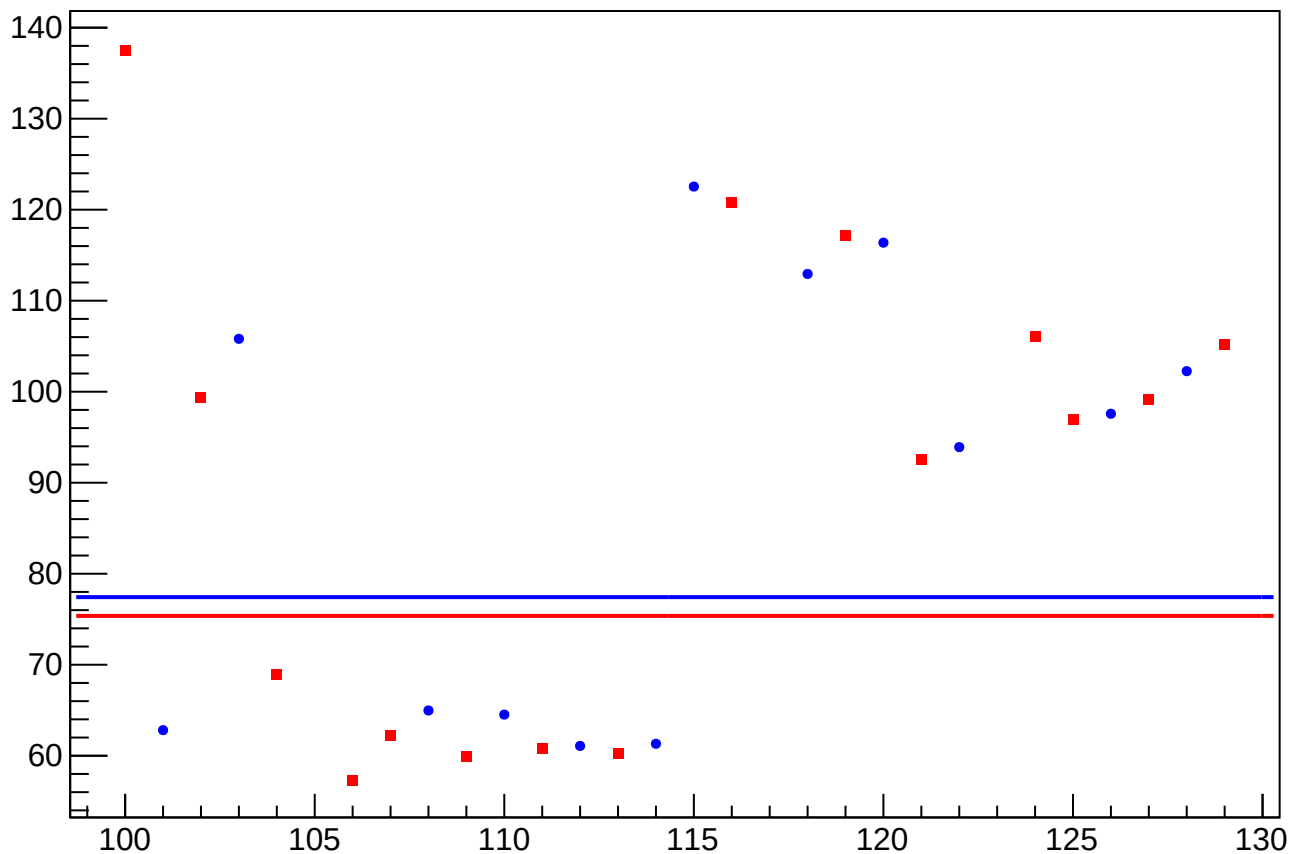
Right: 40.540 ± 24.159 χ^2/NDF : 30.5/26

In: -11.175 ± 36.020 χ^2/NDF : 13.9/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 40.540 ± 24.159 χ^2/NDF : 30.5/26

reg_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 77.429+/-0.025 χ^2/NDF : 641904.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

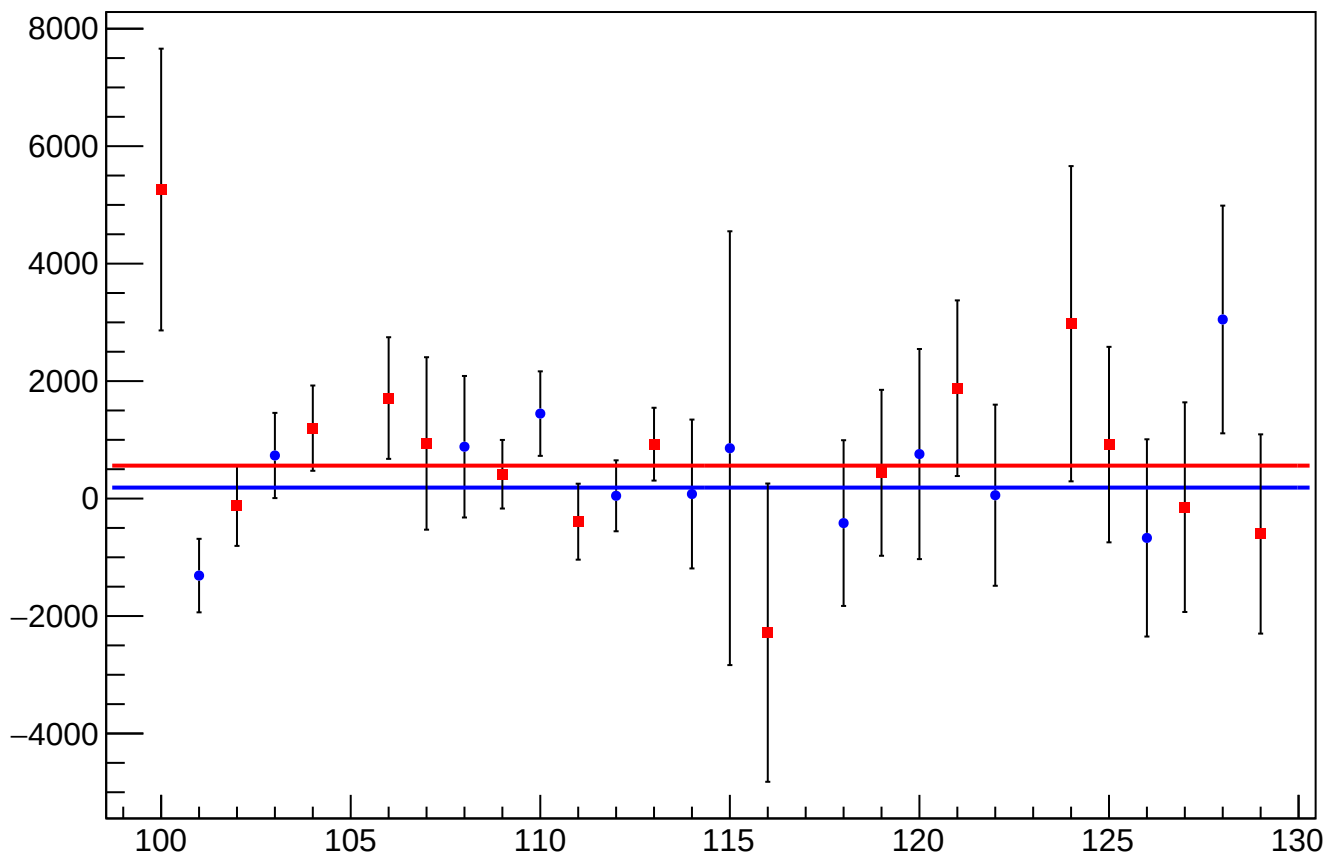
Right: 76.295+/-0.017 χ^2/NDF : 1438545.9/26

In: 77.429+/-0.025 χ^2/NDF : 641904.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.295+/-0.017 χ^2/NDF : 1438545.9/26

asym_sam_1548_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 187.000 $\pm$ 284.363 χ^2 /NDF: 12.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 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

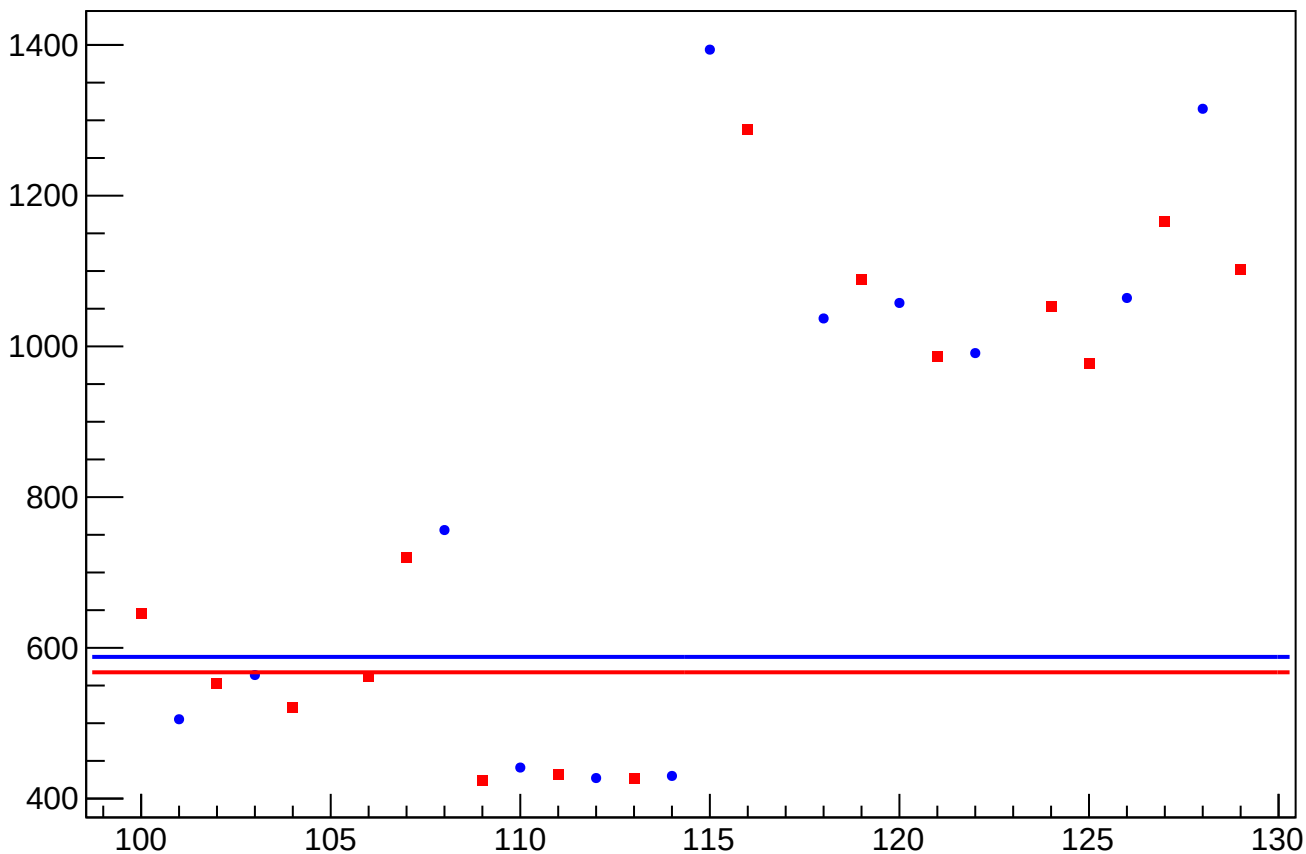
Right: 396.587 $\pm$ 188.498 χ^2 /NDF: 26.5/26

In: 187.000 $\pm$ 284.363 χ^2 /NDF:12.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 396.587 $\pm$ 188.498 χ^2 /NDF: 26.5/26

asym_sam_1548_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 587.991+/-0.201 χ^2/NDF : 1346981.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

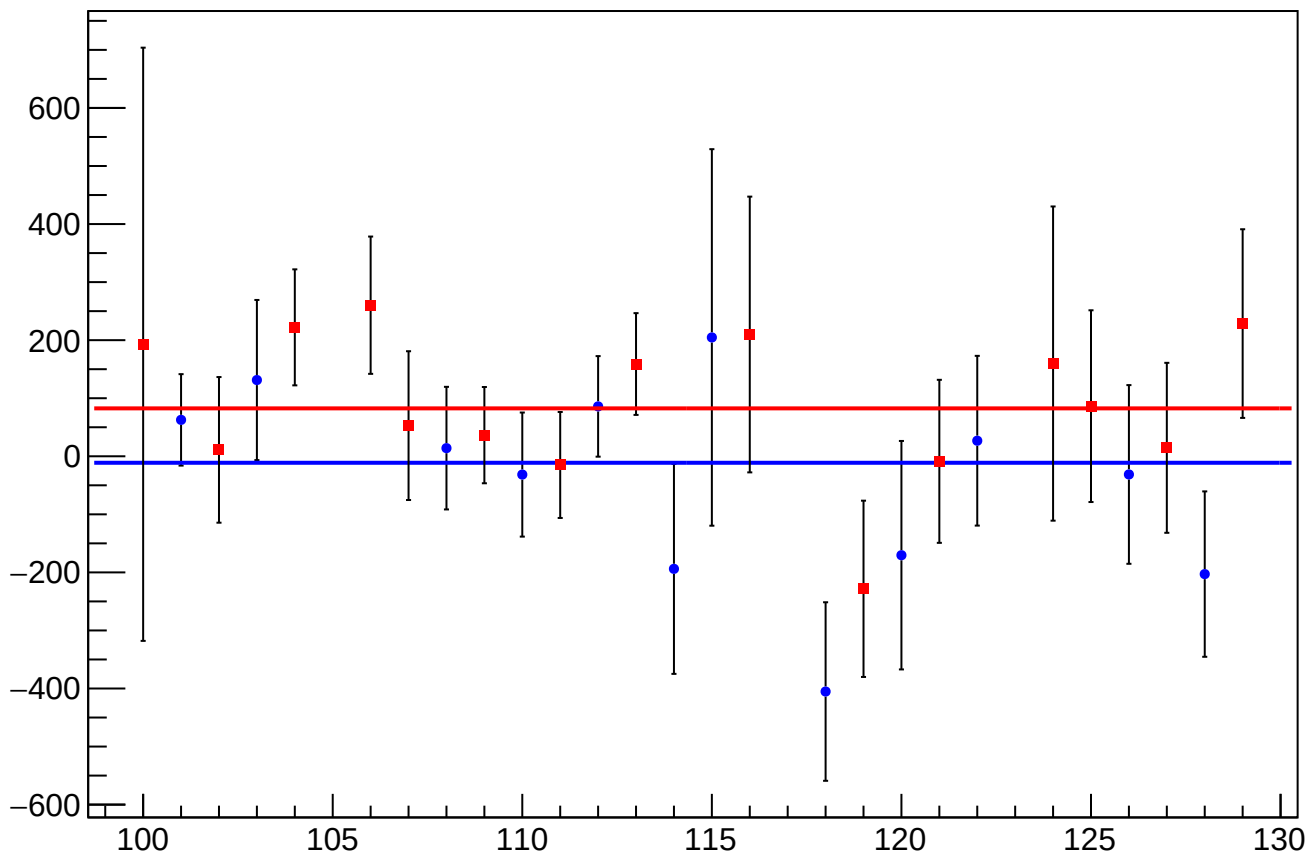
Right: 576.535+/-0.133 χ^2/NDF : 2897364.4/26

In: 587.991+/-0.201 χ^2/NDF : 1346981.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 576.535+/-0.133 χ^2/NDF : 2897364.4/26

cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -11.181 ± 36.020 χ^2/NDF : 13.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 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

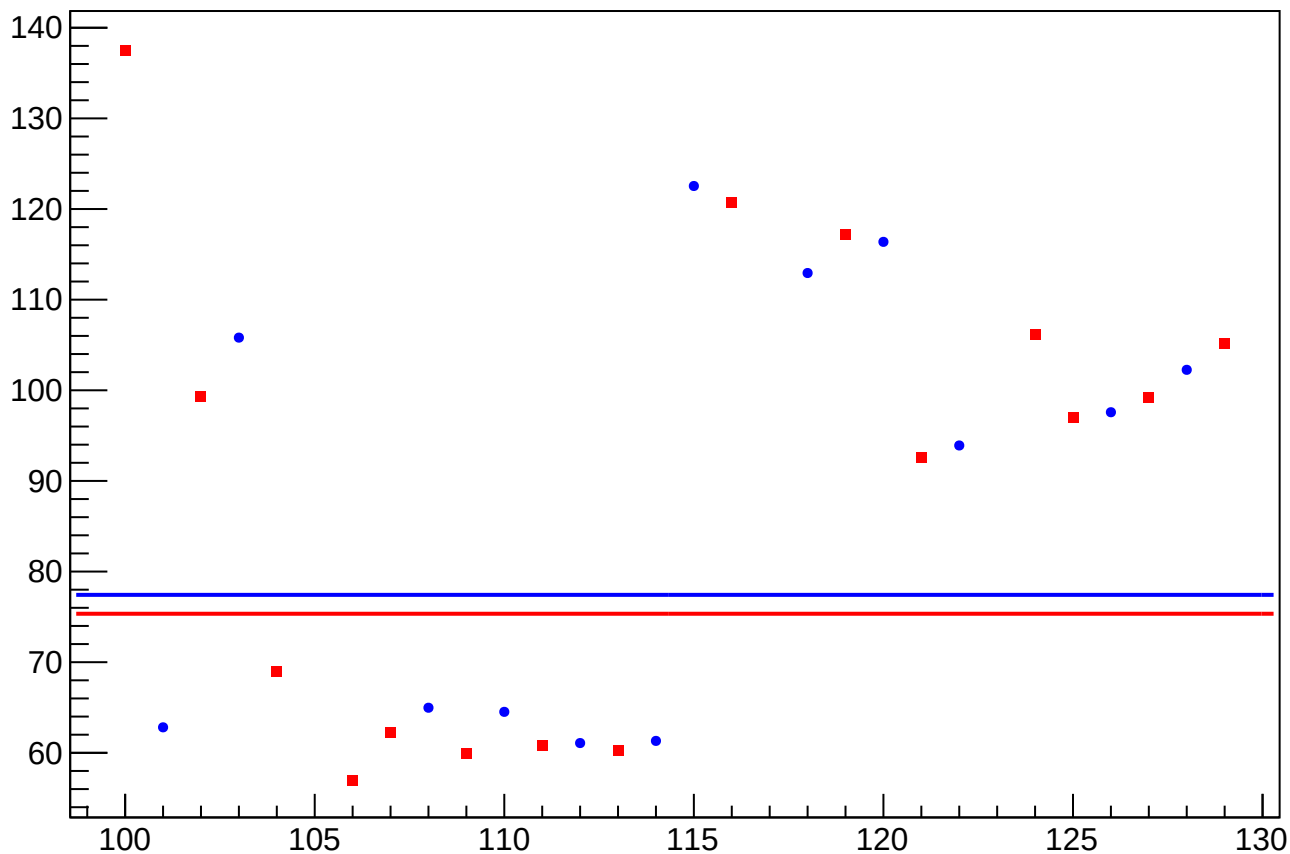
Right: 40.360 ± 24.160 χ^2/NDF : 30.5/26

In: -11.181 ± 36.020 χ^2/NDF : 13.9/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 40.360 ± 24.160 χ^2/NDF : 30.5/26

cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 77.429+/-0.025 χ^2/NDF : 641906.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

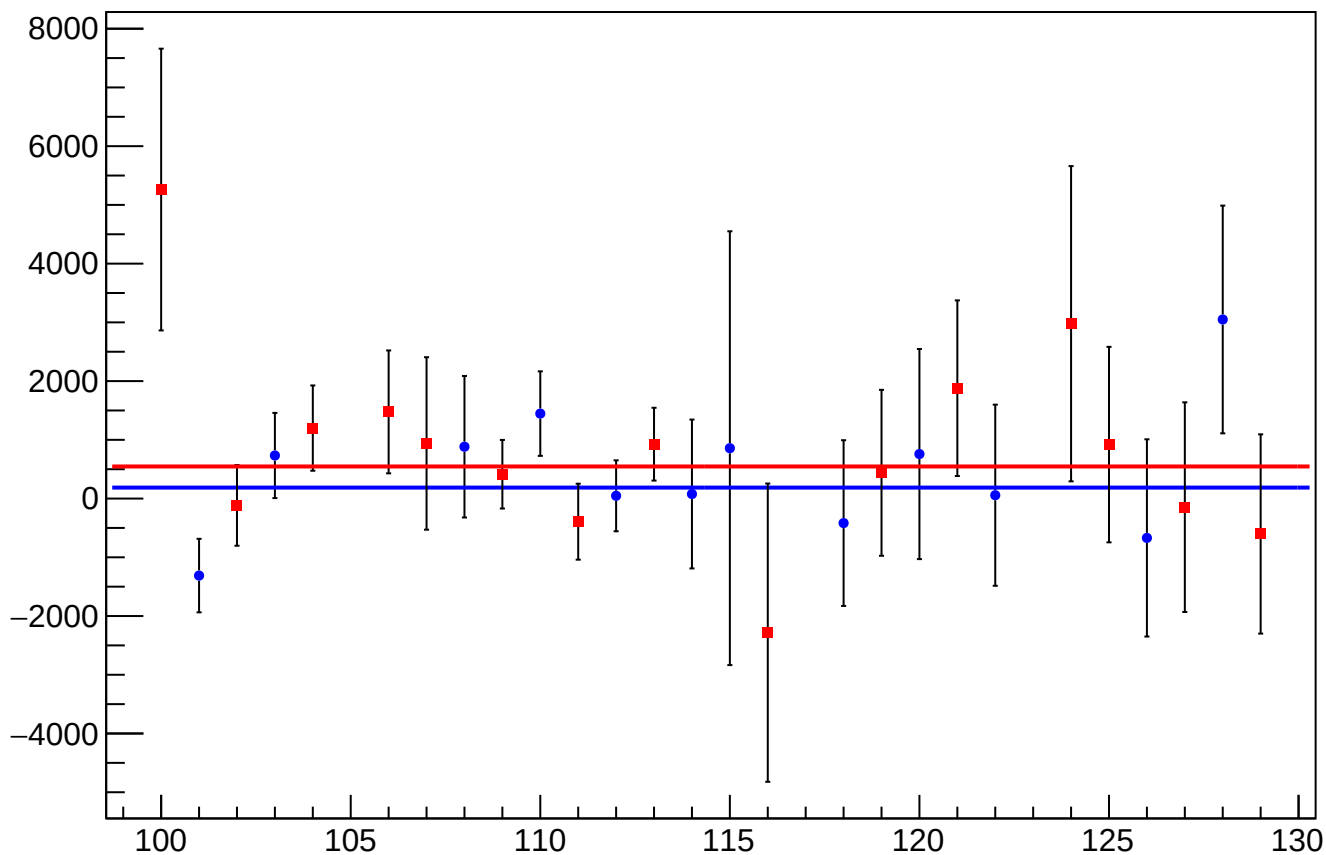
Right: 76.283+/-0.017 χ^2/NDF : 1440519.3/26

In: 77.429+/-0.025 χ^2/NDF : 641906.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.283+/-0.017 χ^2/NDF : 1440519.3/26

asym_sam_1548_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 186.970 $\pm$ 284.367 χ^2 /NDF: 12.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 546.439 $\pm$ 251.933 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

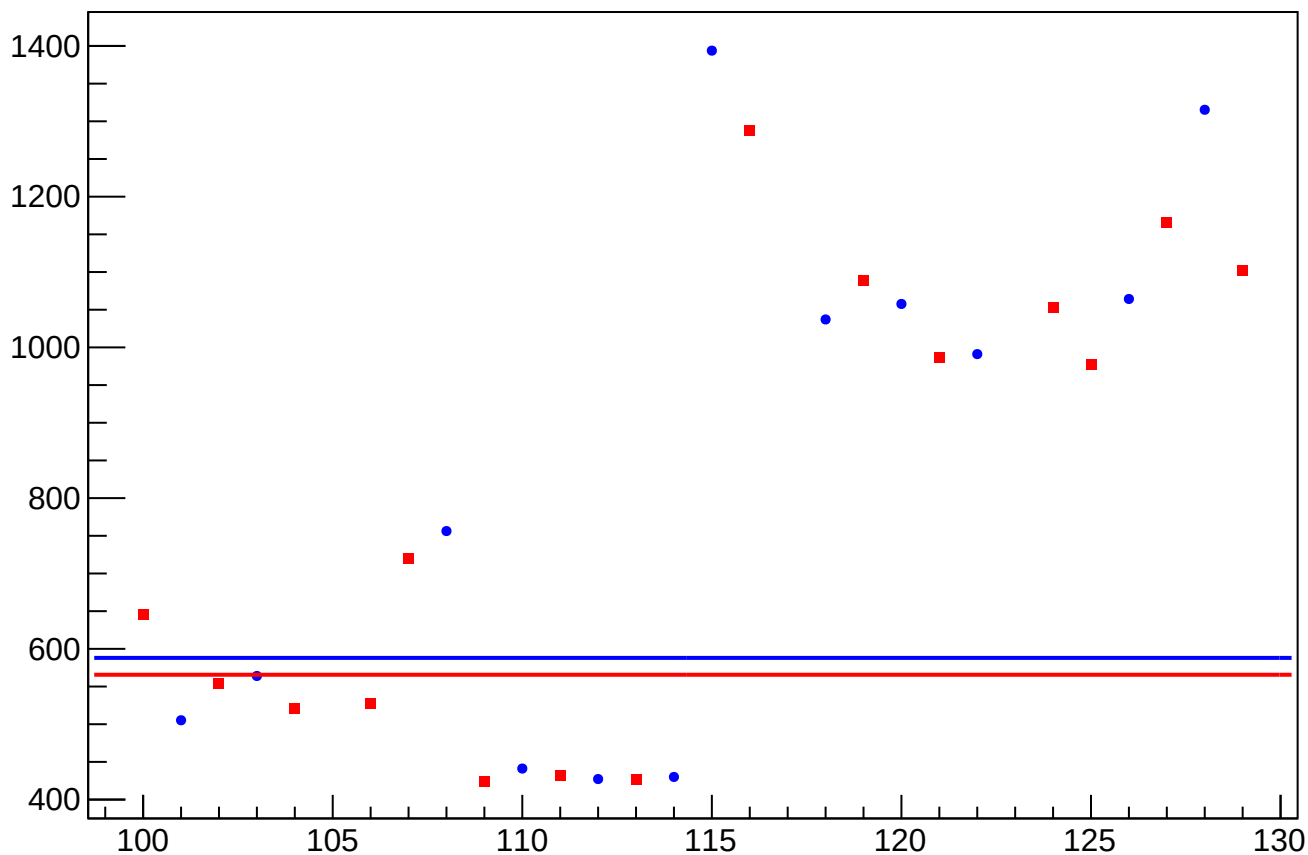
Right: 388.365 $\pm$ 188.573 χ^2 /NDF: 25.9/26

In: 186.970 $\pm$ 284.367 χ^2 /NDF:12.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 388.365 $\pm$ 188.573 χ^2 /NDF: 25.9/26

asym_sam_1548_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 588.001+/-0.201 χ^2/NDF : 1346968.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

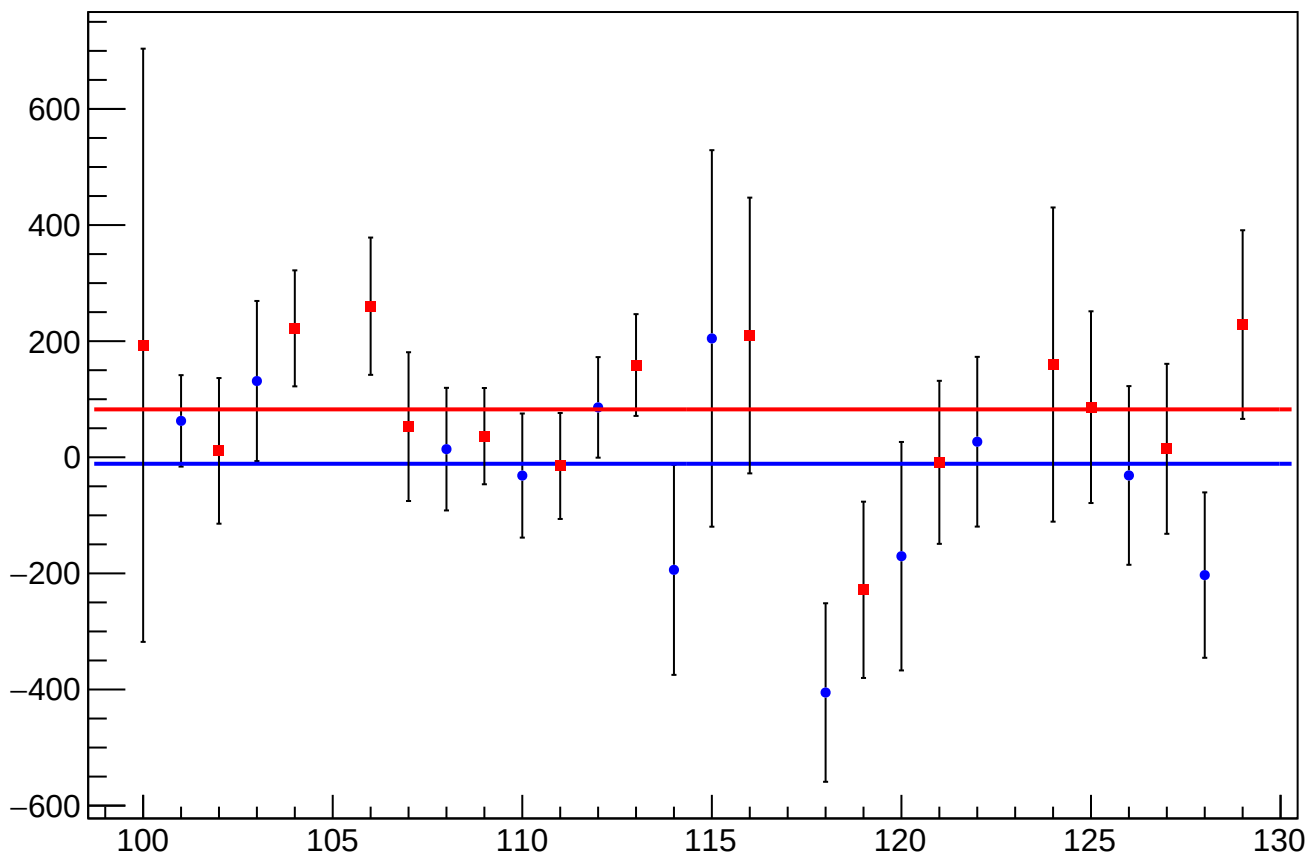
Right: 575.471+/-0.133 χ^2/NDF : 2901207.1/26

In: 588.001+/-0.201 χ^2/NDF : 1346968.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 575.471+/-0.133 χ^2/NDF : 2901207.1/26

eigen_cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -11.181+/-36.020 χ^2/NDF : 13.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

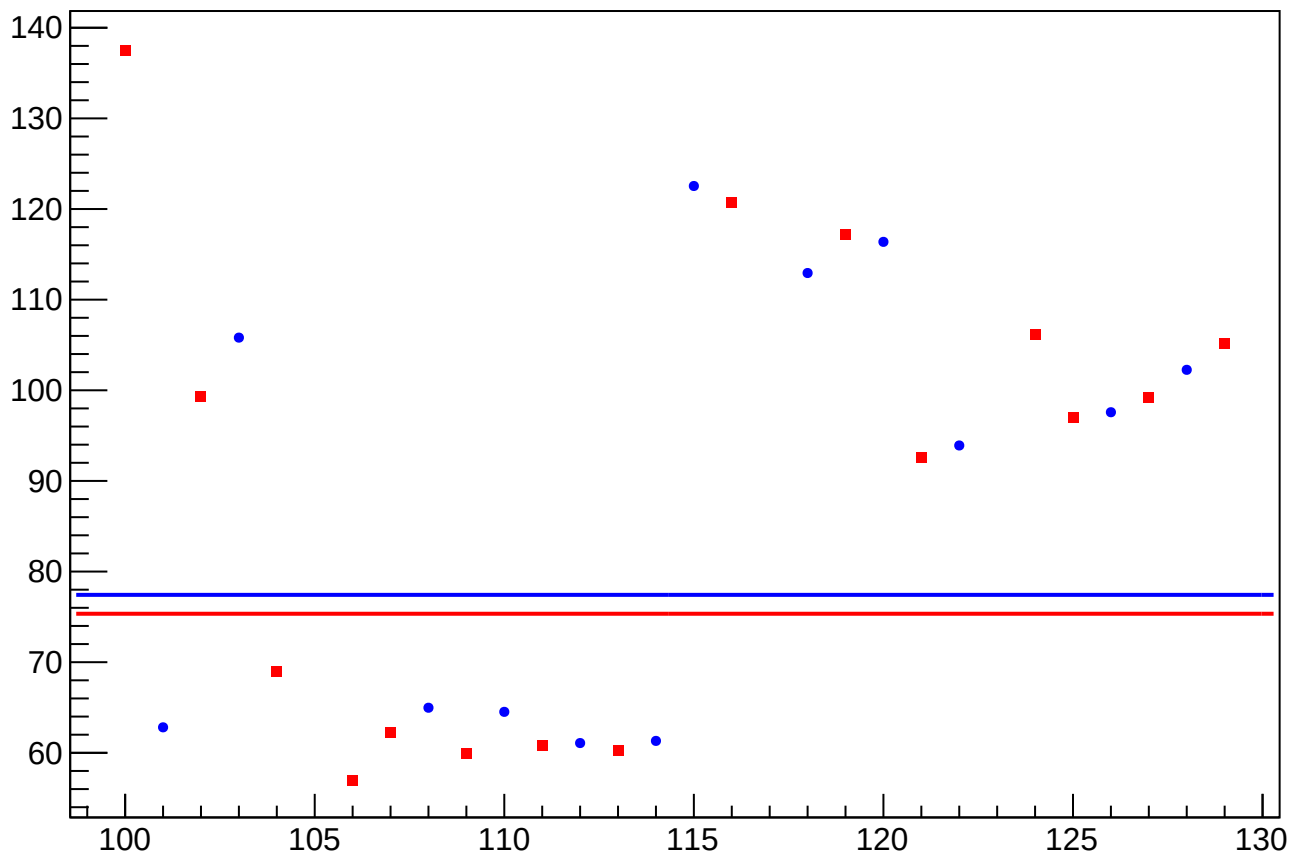
Right: 40.360+/-24.160 χ^2/NDF : 30.5/26

In: -11.181+/-36.020 χ^2/NDF : 13.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.360+/-24.160 χ^2/NDF : 30.5/26

eigen_cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 77.429+/-0.025 χ^2/NDF : 641906.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

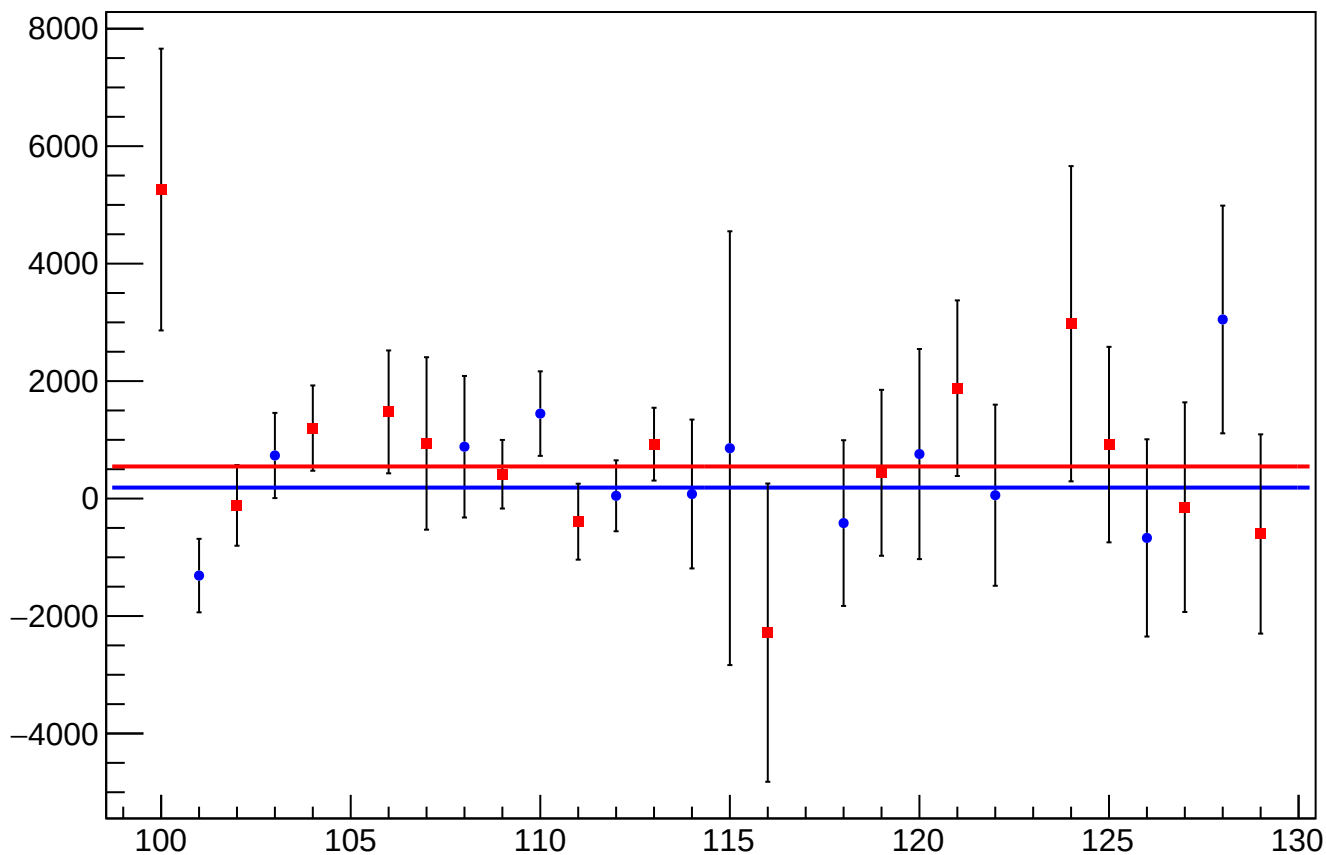
Right: 76.283+/-0.017 χ^2/NDF : 1440519.3/26

In: 77.429+/-0.025 χ^2/NDF : 641906.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.283+/-0.017 χ^2/NDF : 1440519.3/26

asym_sam_1548_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 186.970 $\pm$ 284.367 χ^2 /NDF: 12.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 546.439 $\pm$ 251.933 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

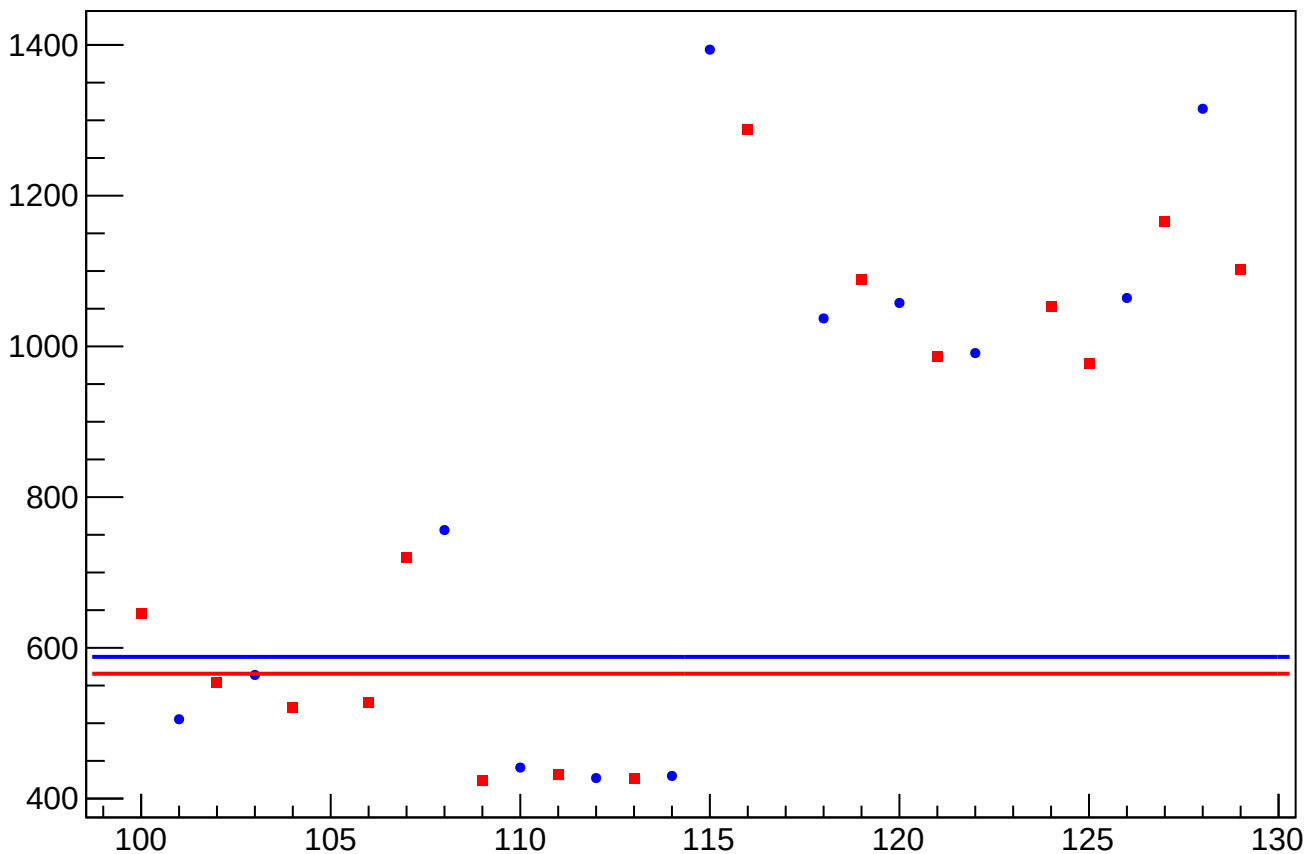
Right: 388.365 $\pm$ 188.573 χ^2 /NDF: 25.9/26

In: 186.970 $\pm$ 284.367 χ^2 /NDF:12.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 388.365 $\pm$ 188.573 χ^2 /NDF: 25.9/26

asym_sam_1548_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 588.001+/-0.201 χ^2/NDF : 1346968.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

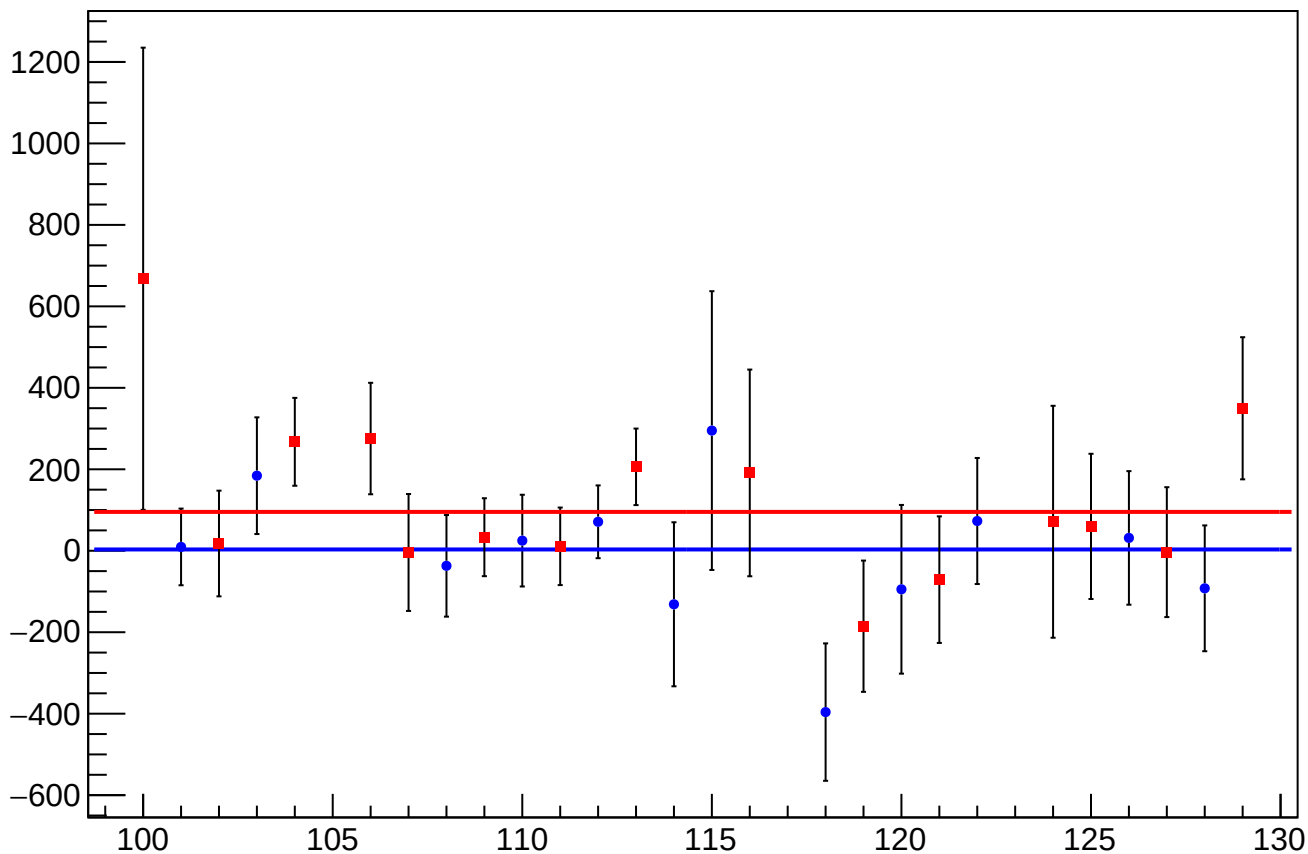
Right: 575.471+/-0.133 χ^2/NDF : 2901207.1/26

In: 588.001+/-0.201 χ^2/NDF : 1346968.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 575.471+/-0.133 χ^2/NDF : 2901207.1/26

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 3.175+/-39.449 χ^2/NDF : 9.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

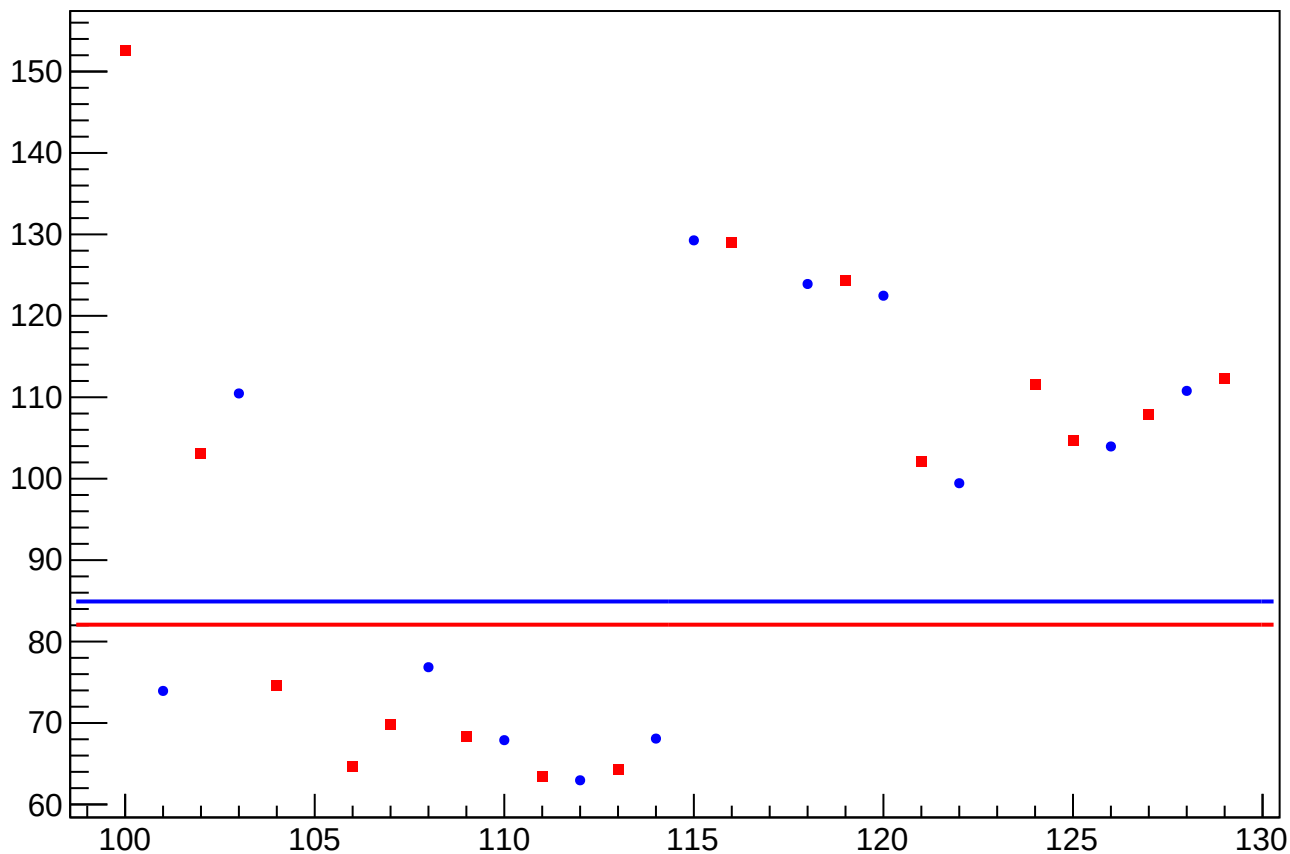
Right: 54.182+/-26.375 χ^2/NDF : 28.6/26

In: 3.175+/-39.449 χ^2/NDF : 9.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.182+/-26.375 χ^2/NDF : 28.6/26

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 84.923+/-0.028 χ^2/NDF : 586588.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.073+/-0.025 χ^2/NDF : 734861.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

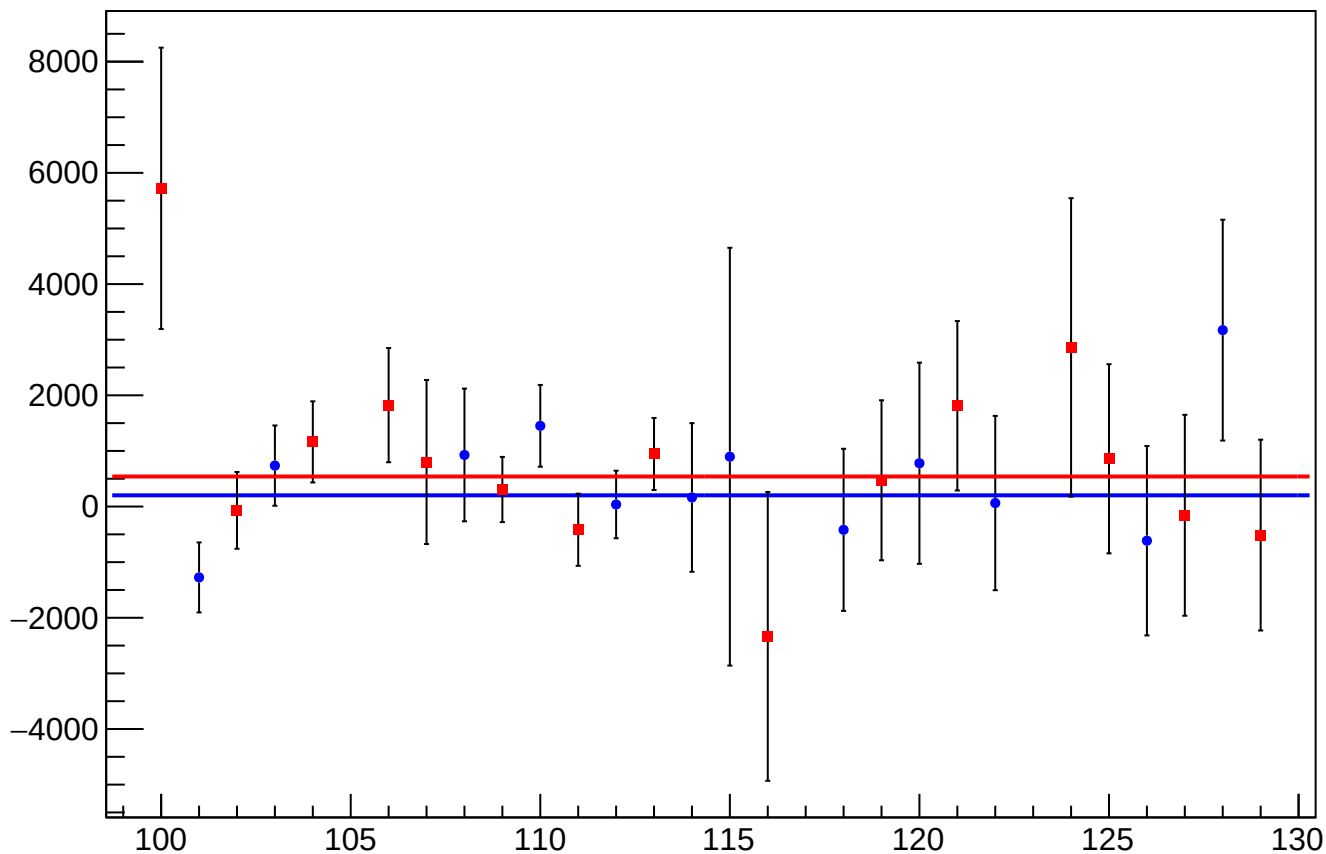
Right: 83.347+/-0.019 χ^2/NDF : 1327224.1/26

In: 84.923+/-0.028 χ^2/NDF : 586588.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.347+/-0.019 χ^2/NDF : 1327224.1/26

asym_sam_1548_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 201.925 $\pm$ 287.265 χ^2 /NDF: 12.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 540.117 $\pm$ 254.795 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

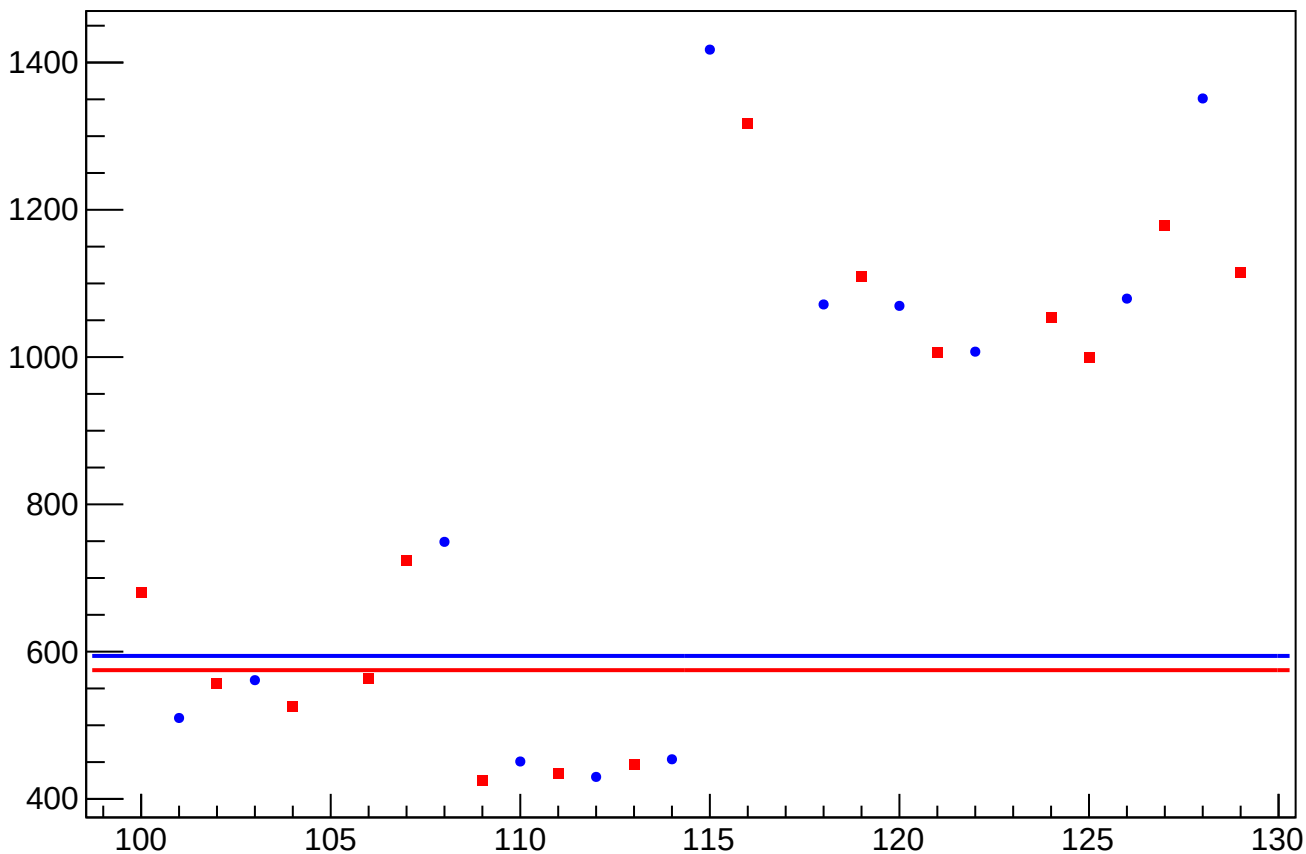
Right: 391.206 $\pm$ 190.618 χ^2 /NDF: 26.2/26

In: 201.925 $\pm$ 287.265 χ^2 /NDF:12.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 391.206 $\pm$ 190.618 χ^2 /NDF: 26.2/26

asym_sam_1548_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 594.185+/-0.203 χ^2/NDF : 1358883.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

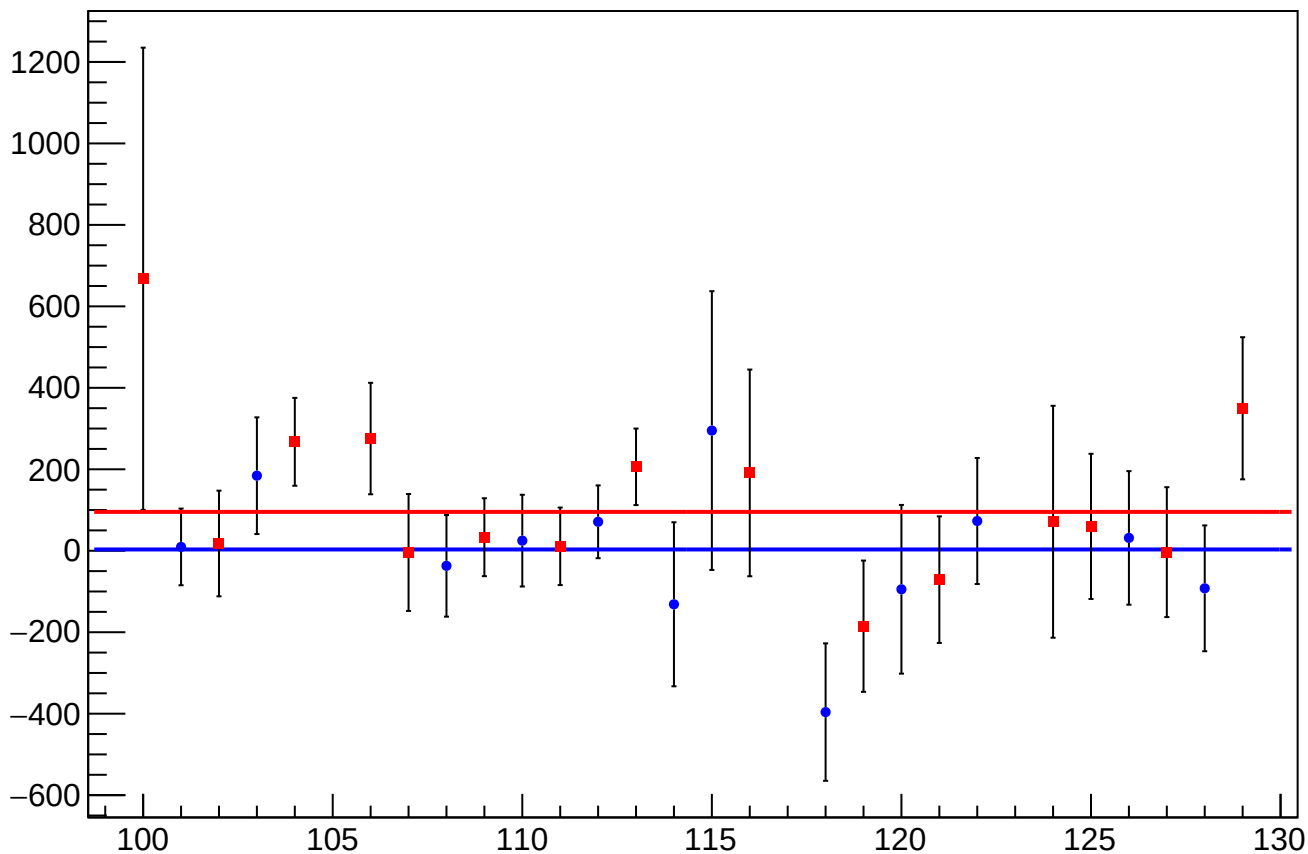
Right: 583.363+/-0.135 χ^2/NDF : 2910935.8/26

In: 594.185+/-0.203 χ^2/NDF : 1358883.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 583.363+/-0.135 χ^2/NDF : 2910935.8/26

eigen_dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 3.175+/-39.449 χ^2/NDF : 9.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

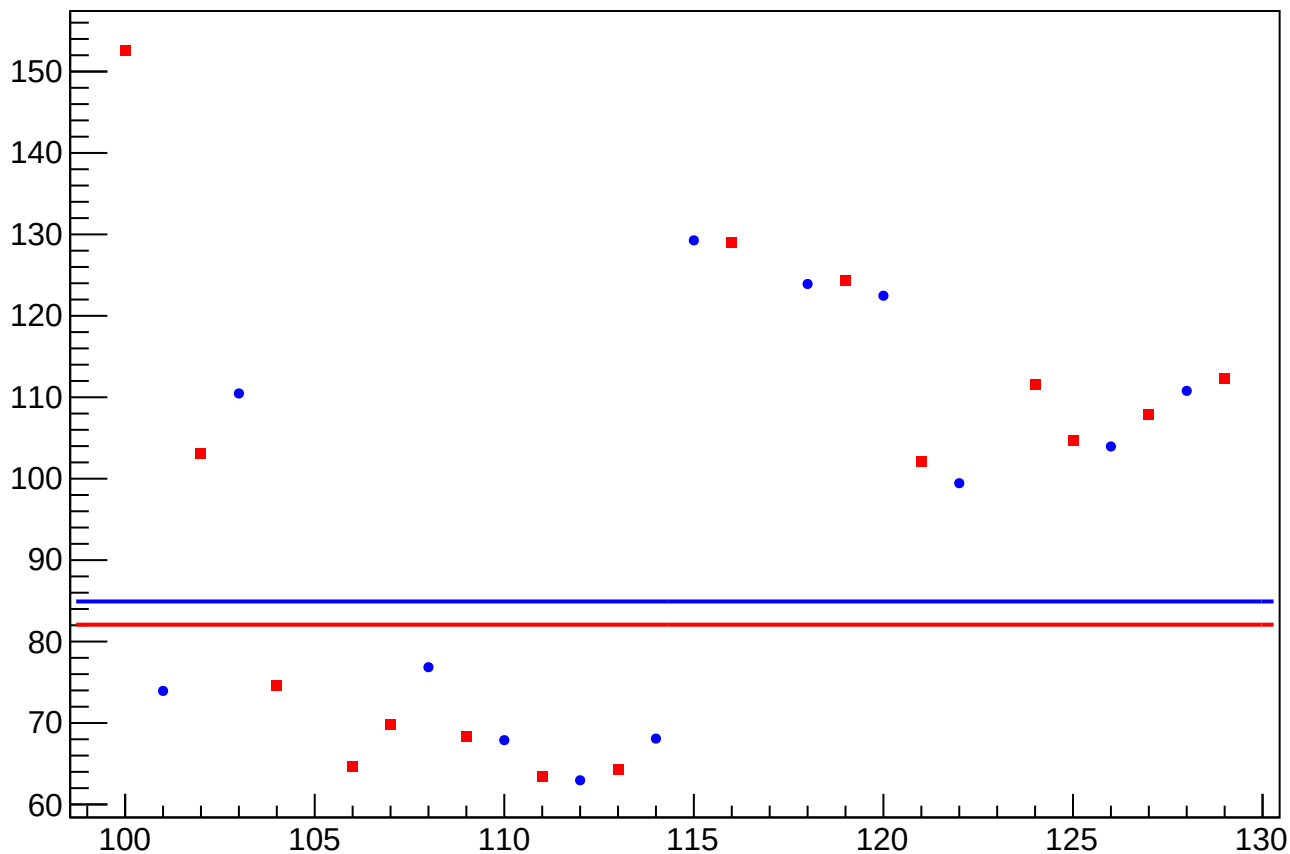
Right: 54.182+/-26.375 χ^2/NDF : 28.6/26

In: 3.175+/-39.449 χ^2/NDF : 9.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.182+/-26.375 χ^2/NDF : 28.6/26

eigen_dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 84.923+/-0.028 χ^2/NDF : 586588.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

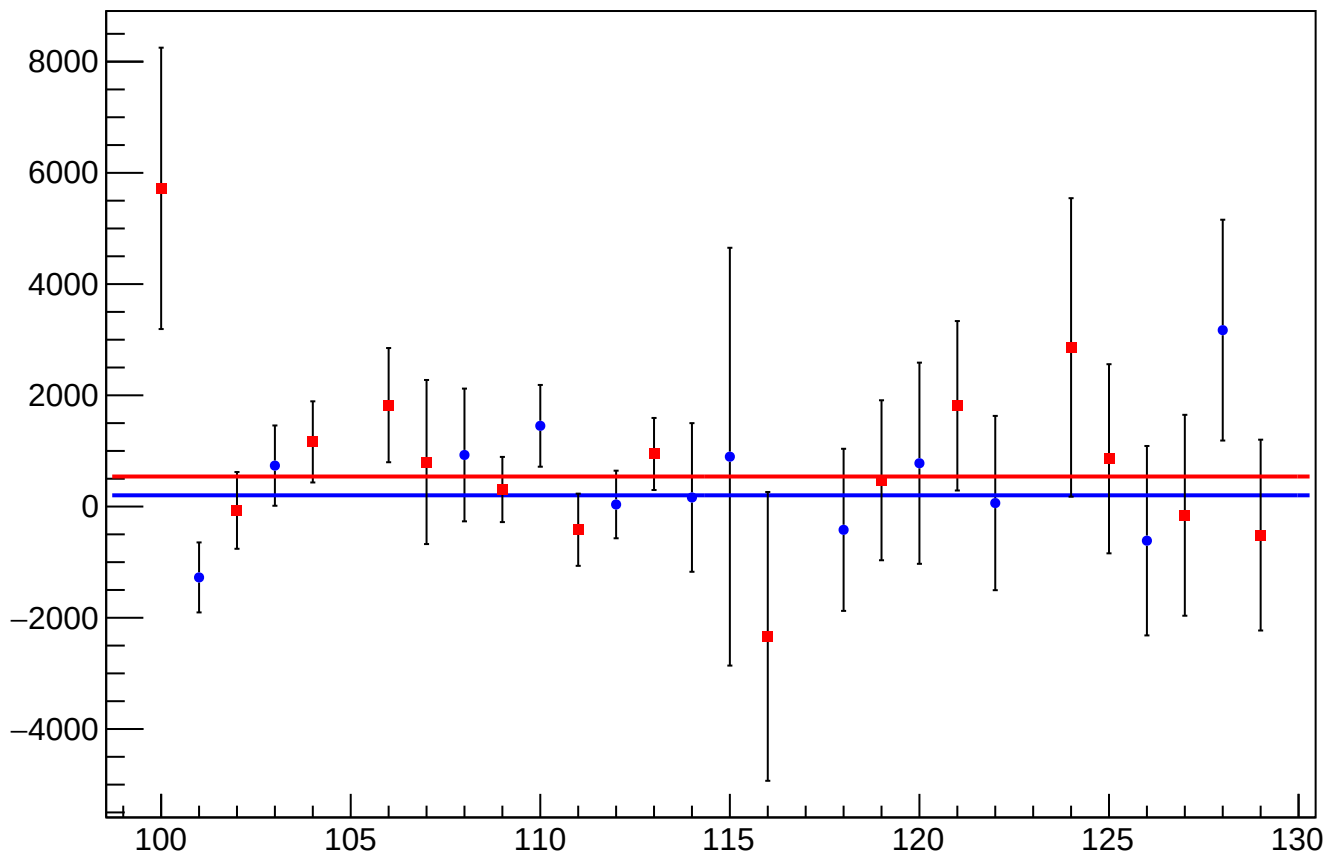
Right: 83.347+/-0.019 χ^2/NDF : 1327225.4/26

In: 84.923+/-0.028 χ^2/NDF : 586588.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.347+/-0.019 χ^2/NDF : 1327225.4/26

asym_sam_1548_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 201.924+/-287.265 χ^2/NDF : 12.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

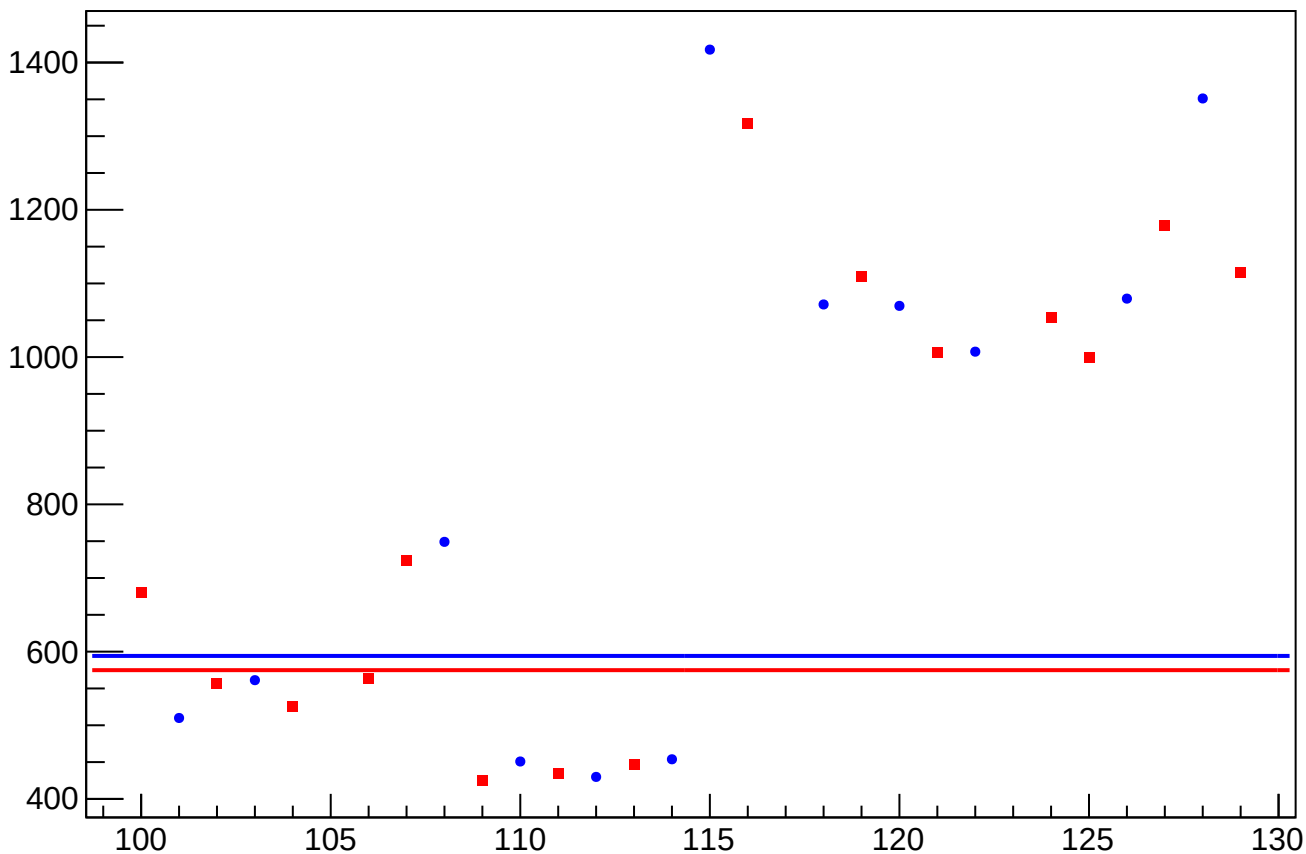
Right: 391.206+/-190.618 χ^2/NDF : 26.2/26

In: 201.924+/-287.265 χ^2/NDF : 12.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 391.206+/-190.618 χ^2/NDF : 26.2/26

asym_sam_1548_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 594.185+/-0.203 χ^2/NDF : 1358887.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

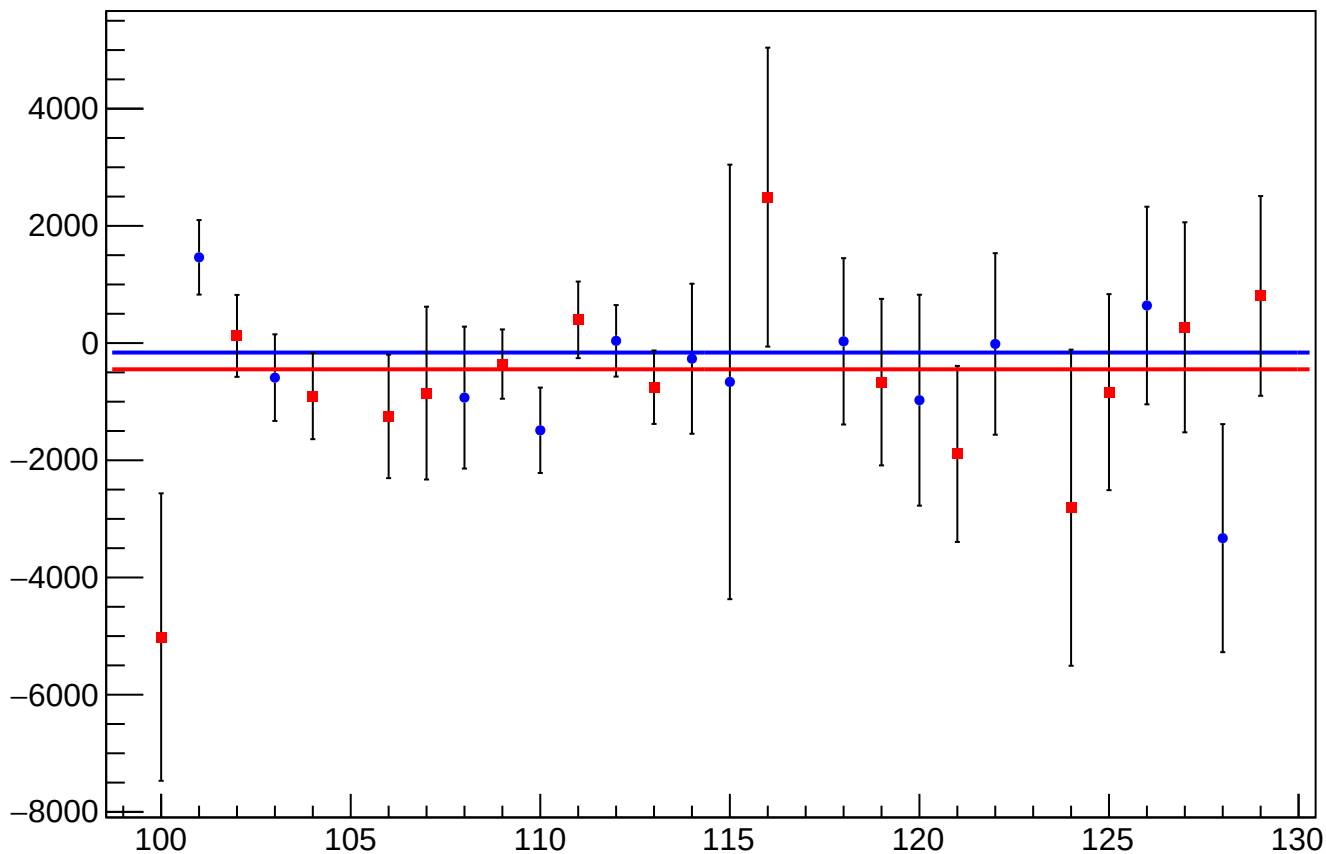
Right: 583.362+/-0.135 χ^2/NDF : 2910943.2/26

In: 594.185+/-0.203 χ^2/NDF : 1358887.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 583.362+/-0.135 χ^2/NDF : 2910943.2/26

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -161.511 ± 287.774 χ^2/NDF : 13.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -447.559 ± 254.686 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

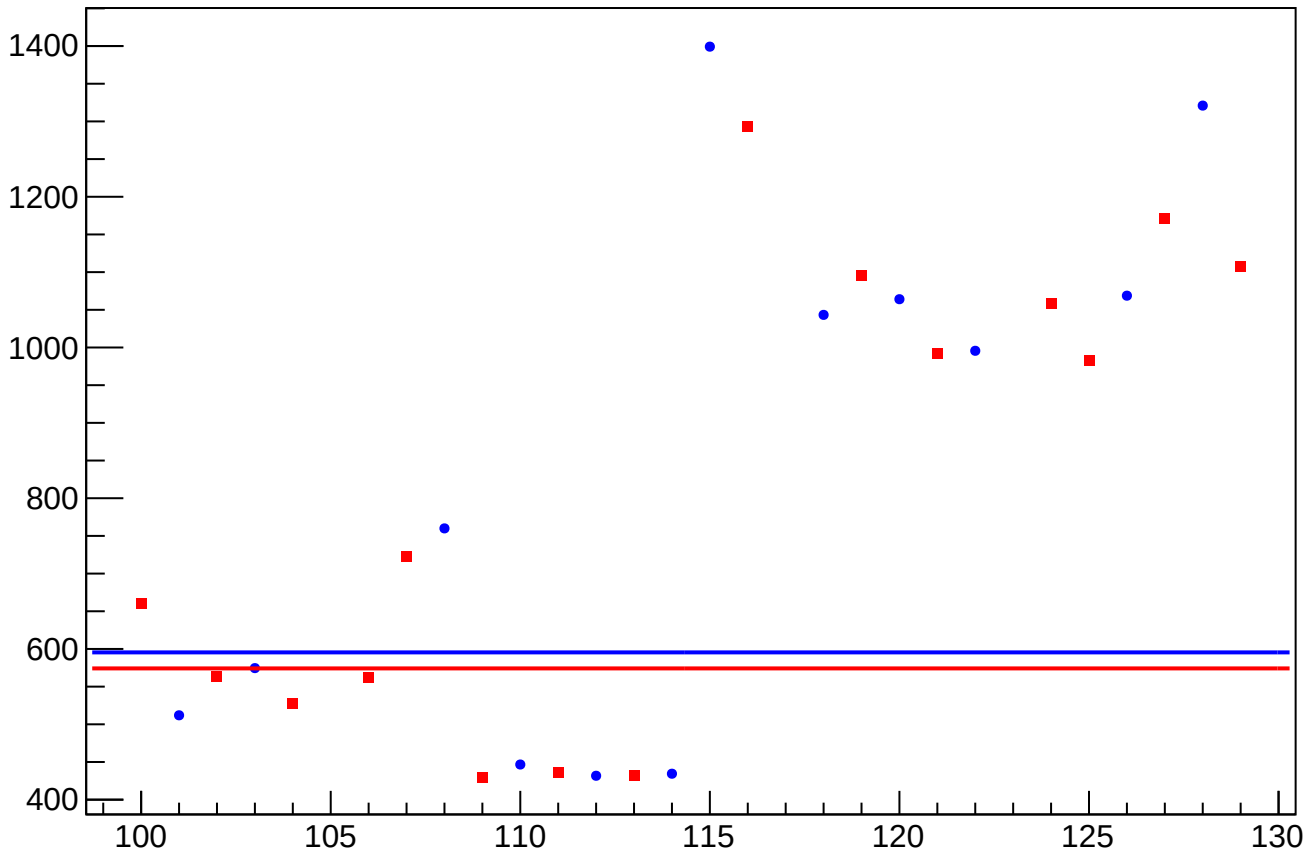
Right: -321.919 ± 190.720 χ^2/NDF : 25.3/26

In: -161.511 ± 287.774 χ^2/NDF : 13.8/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -321.919 ± 190.720 χ^2/NDF : 25.3/26

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 595.435+/-0.203 χ^2/NDF : 1329760.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

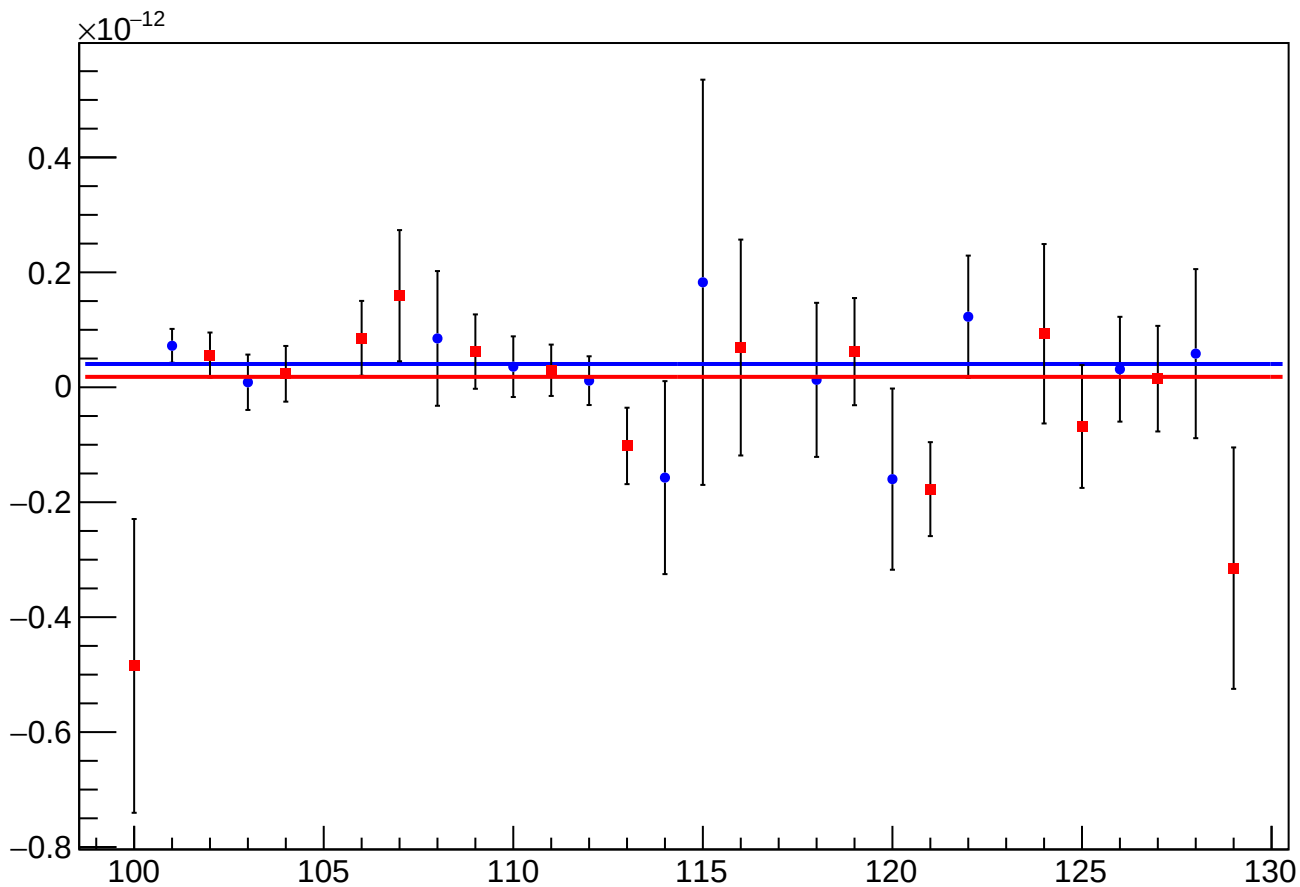
Right: 583.513+/-0.135 χ^2/NDF : 2862634.0/26

In: 595.435+/-0.203 χ^2/NDF : 1329760.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 583.513+/-0.135 χ^2/NDF : 2862634.0/26

asym_sam_1548_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 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

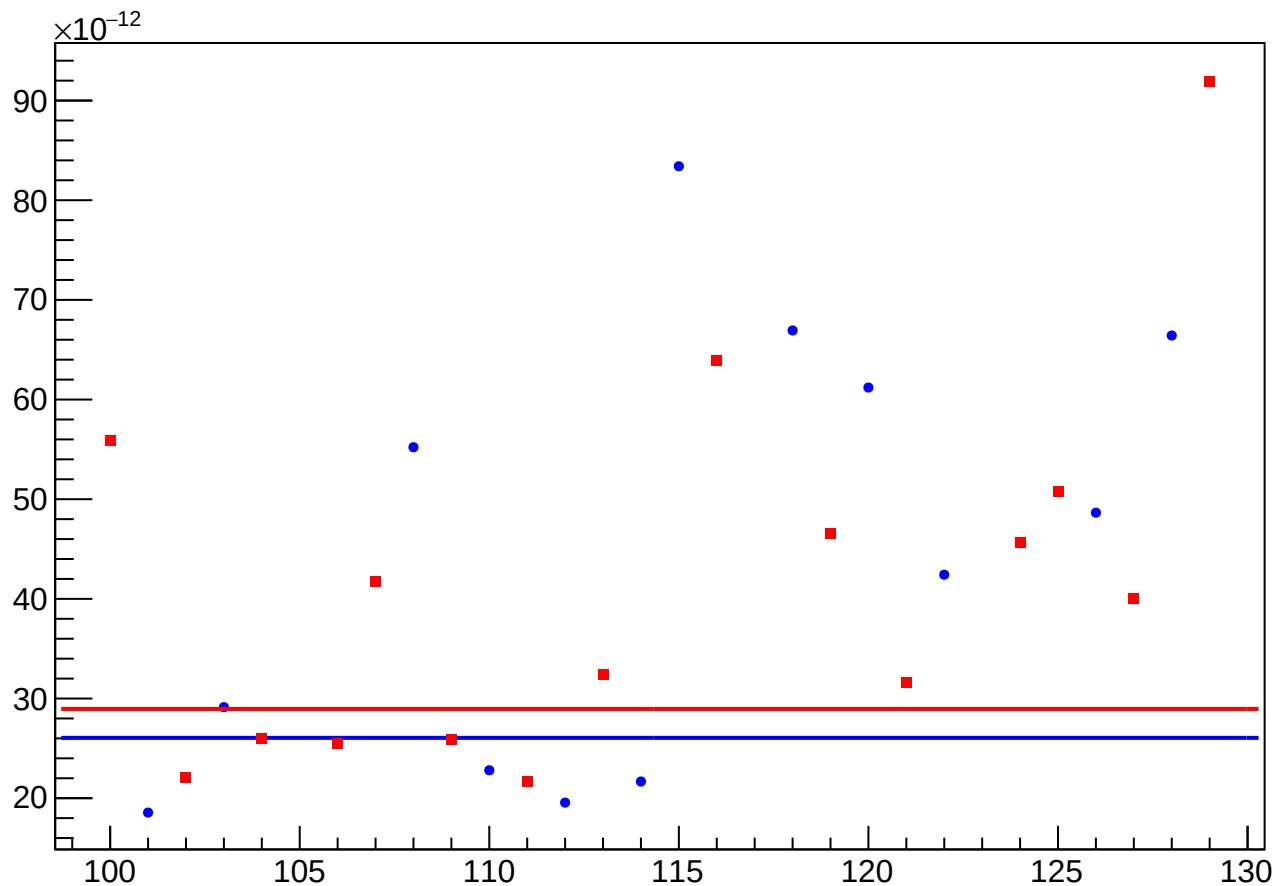
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 27.4/26

In: 0.000 $\pm$ 0.000 χ^2 /NDF:6.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 27.4/26

asym_sam_1548_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 977296.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

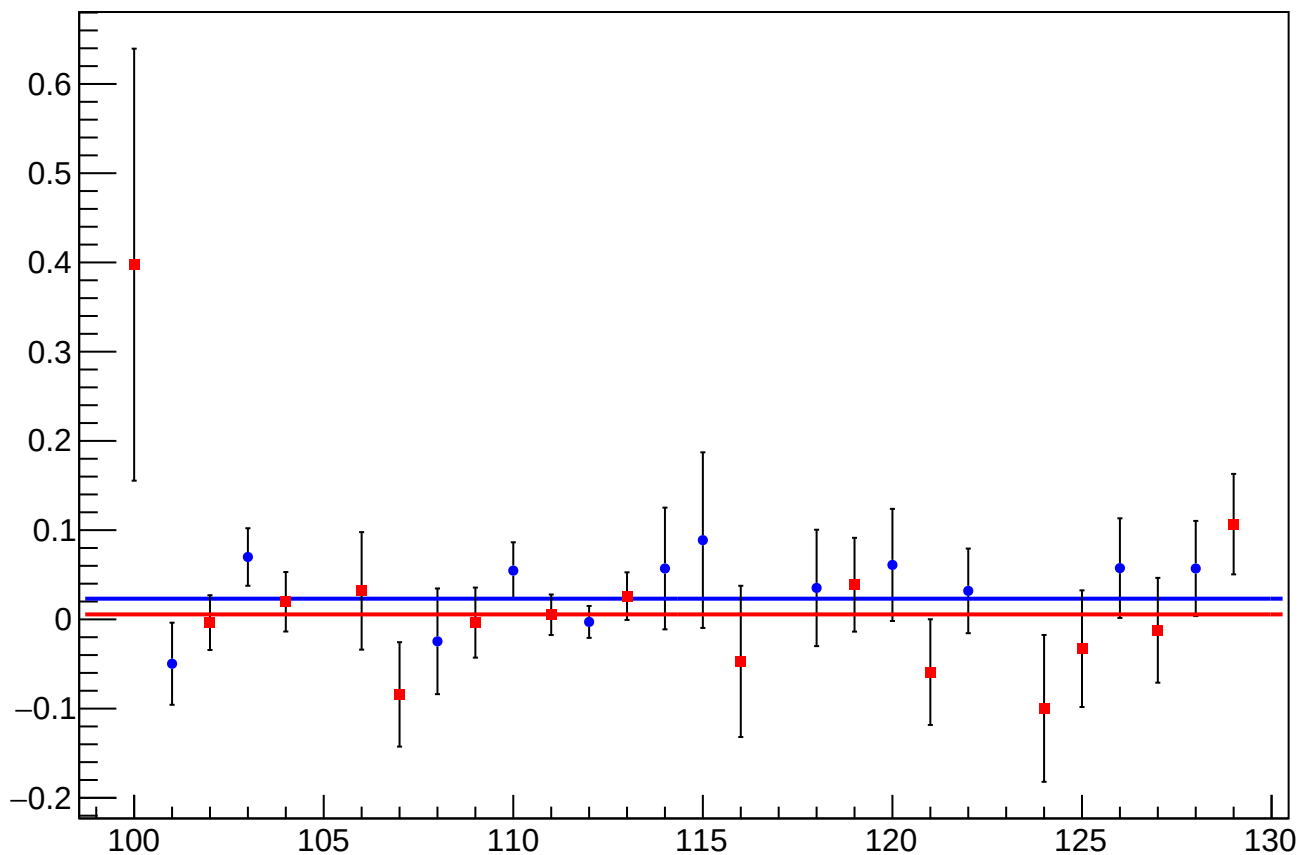
Right: 0.000+/-0.000 χ^2/NDF : 1645699.6/26

In: 0.000+/-0.000 χ^2/NDF : 977296.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1645699.6/26

asym_sam_1548_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023 $\pm$ 0.011 χ^2 /NDF: 10.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.006 $\pm$ 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

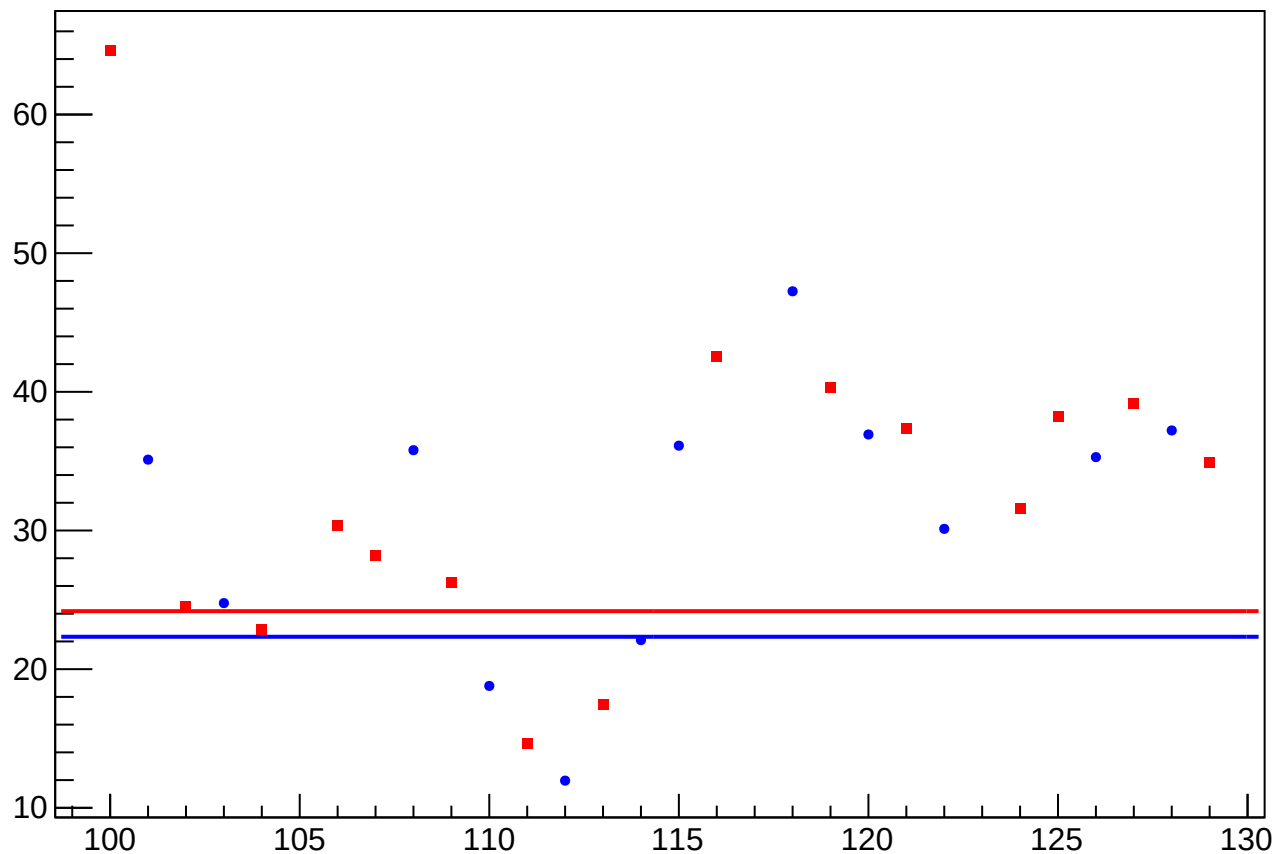
Right: 0.014 $\pm$ 0.008 χ^2 /NDF: 24.8/26

In: 0.023 $\pm$ 0.011 χ^2 /NDF:10.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.014 $\pm$ 0.008 χ^2 /NDF: 24.8/26

asym_sam_1548_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.336+/-0.008 χ^2/NDF : 1723679.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

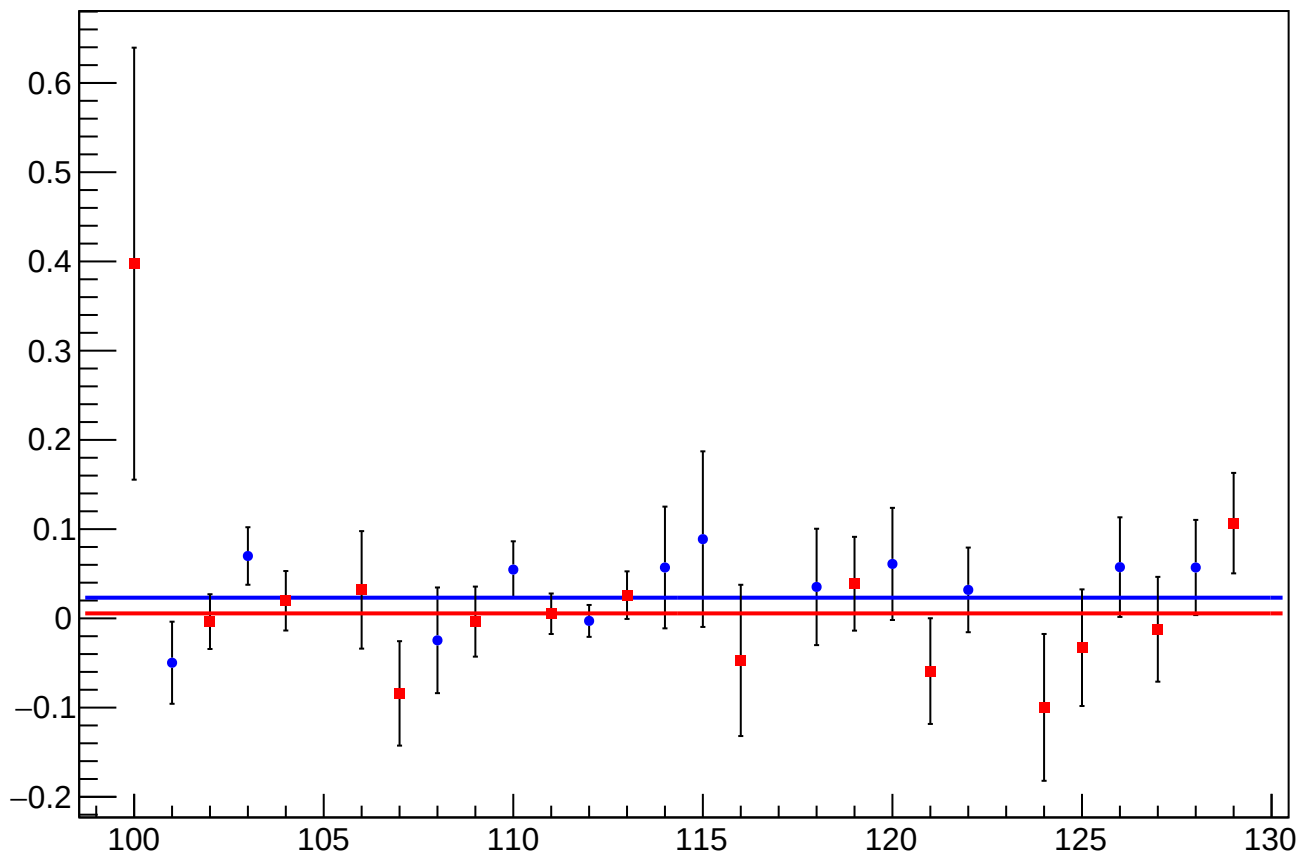
Right: 23.289+/-0.006 χ^2/NDF : 3017844.3/26

In: 22.336+/-0.008 χ^2/NDF :1723679.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.289+/-0.006 χ^2/NDF : 3017844.3/26

asym_sam_1548_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.011 χ^2/NDF : 10.3/11

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

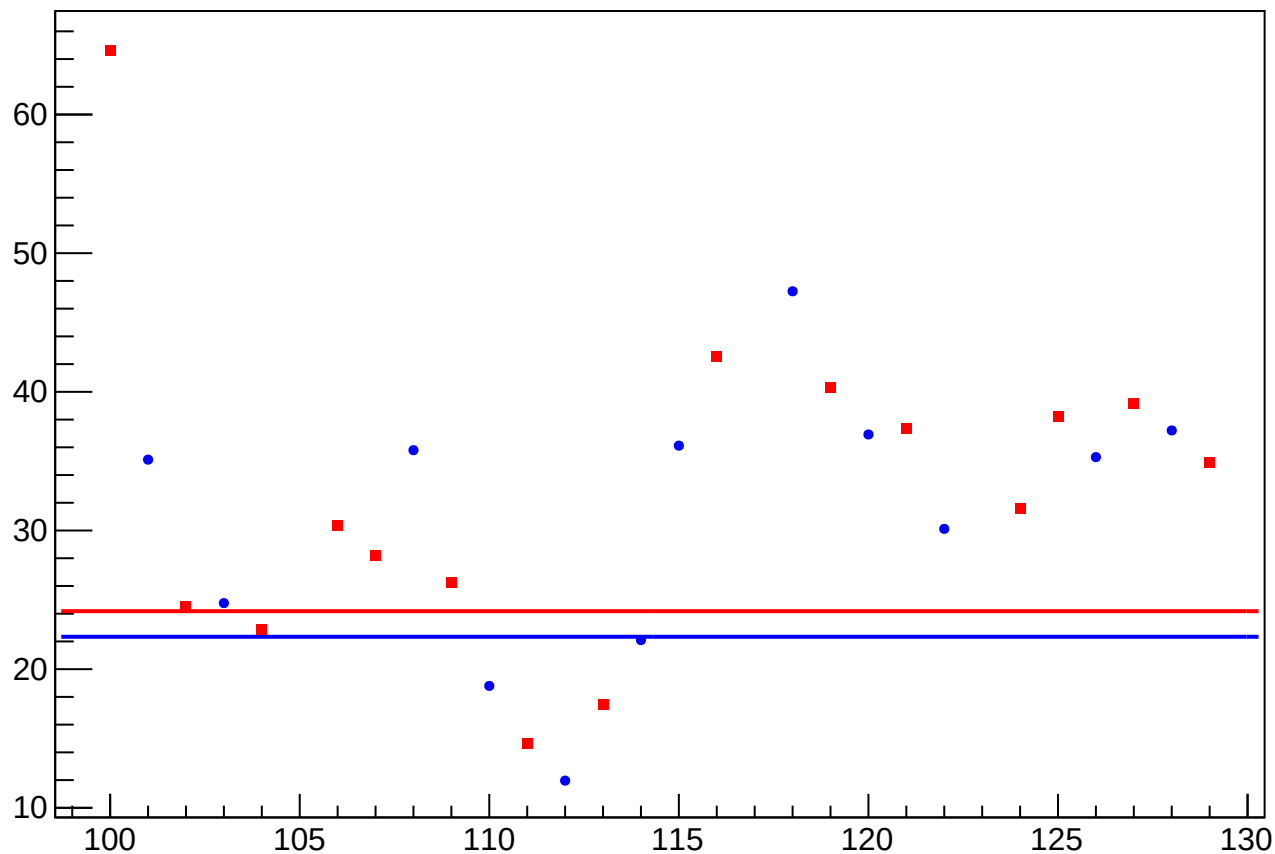
Right: 0.014+/-0.008 χ^2/NDF : 24.8/26

In: 0.023+/-0.011 χ^2/NDF : 10.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.008 χ^2/NDF : 24.8/26

asym_sam_1548_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.336+/-0.008 χ^2/NDF : 1723679.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

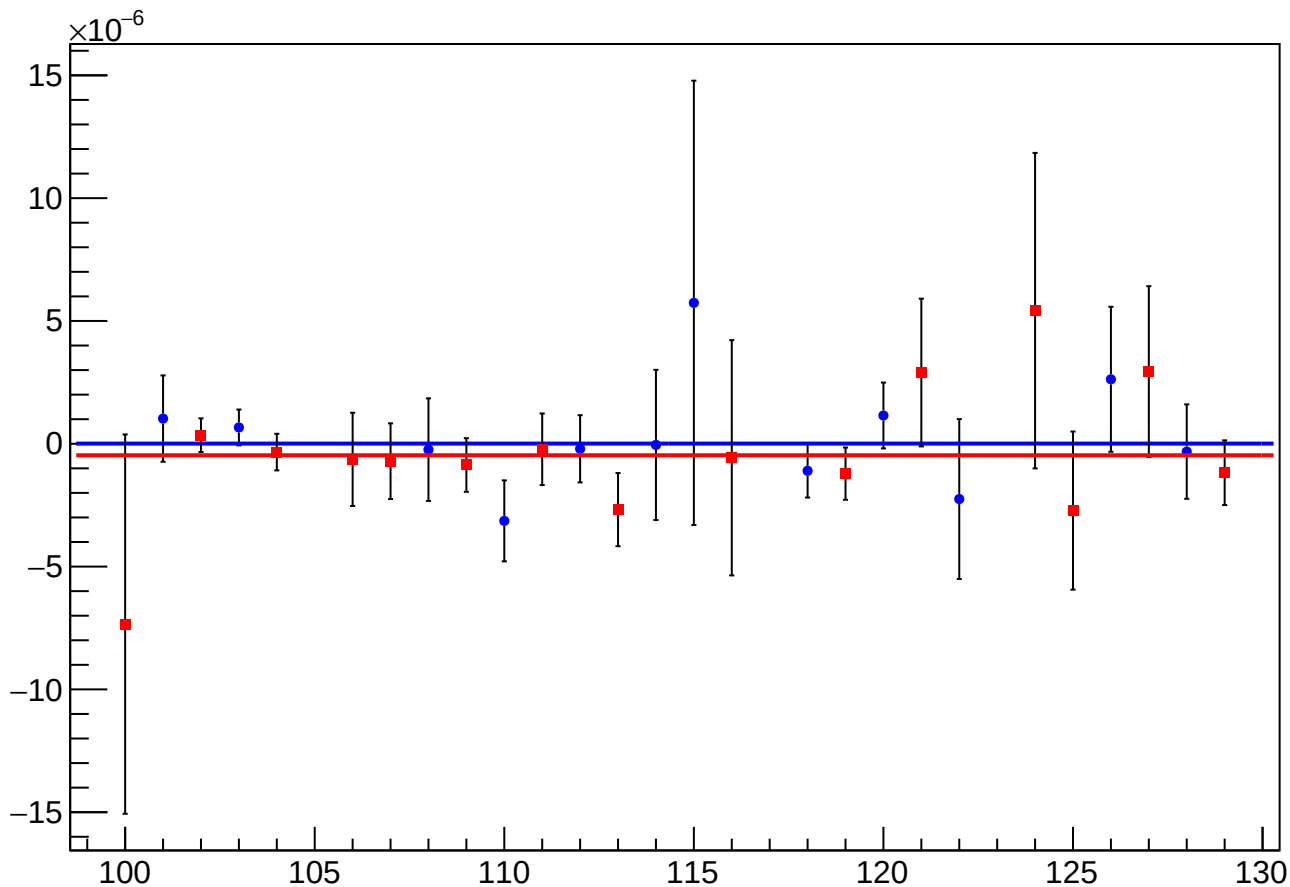
Right: 23.289+/-0.006 χ^2/NDF : 3017844.3/26

In: 22.336+/-0.008 χ^2/NDF : 1723679.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.289+/-0.006 χ^2/NDF : 3017844.3/26

asym_sam_1548_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

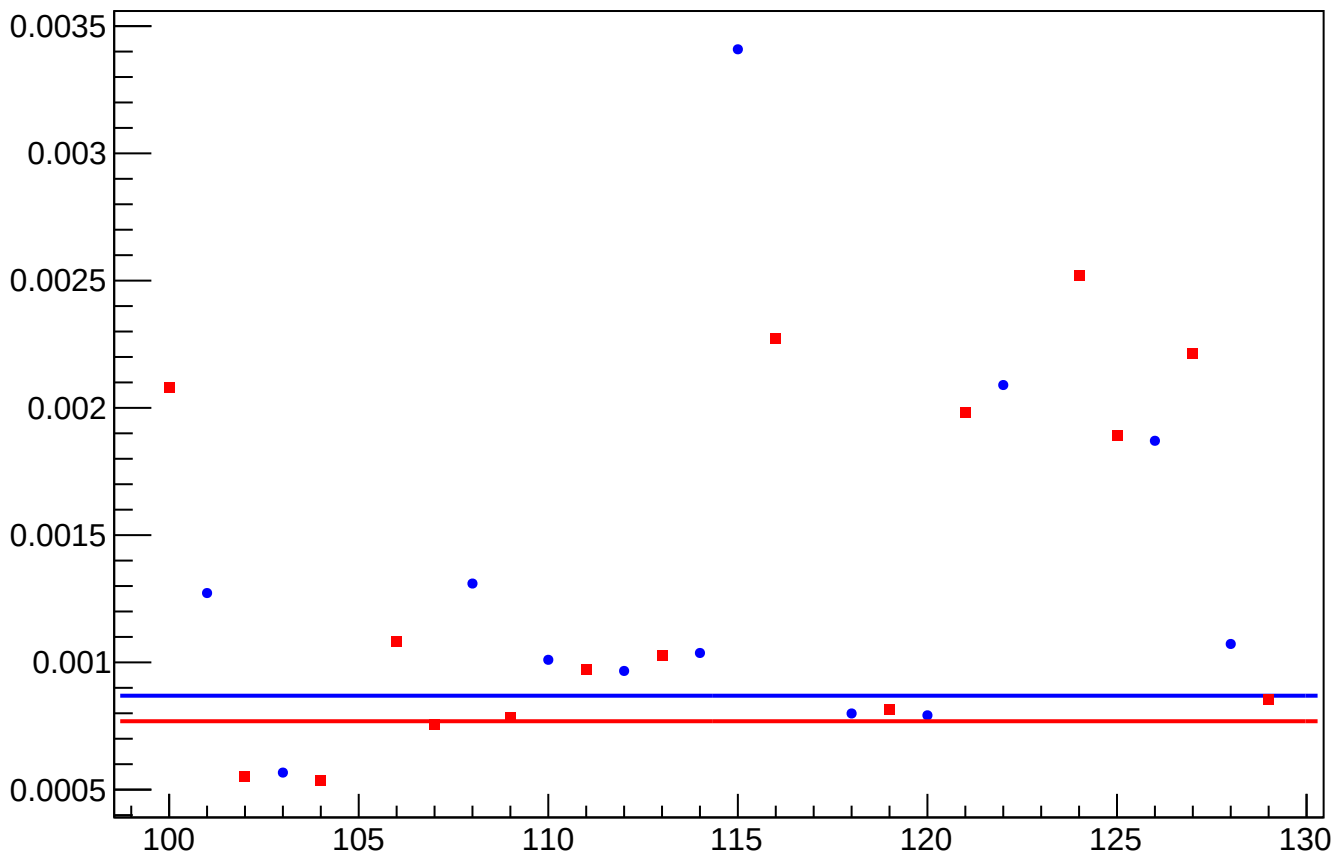
Right: -0.000+/-0.000 χ^2/NDF : 18.0/26

In: 0.000+/-0.000 χ^2/NDF : 8.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.0/26

asym_sam_1548_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1275126.8/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 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

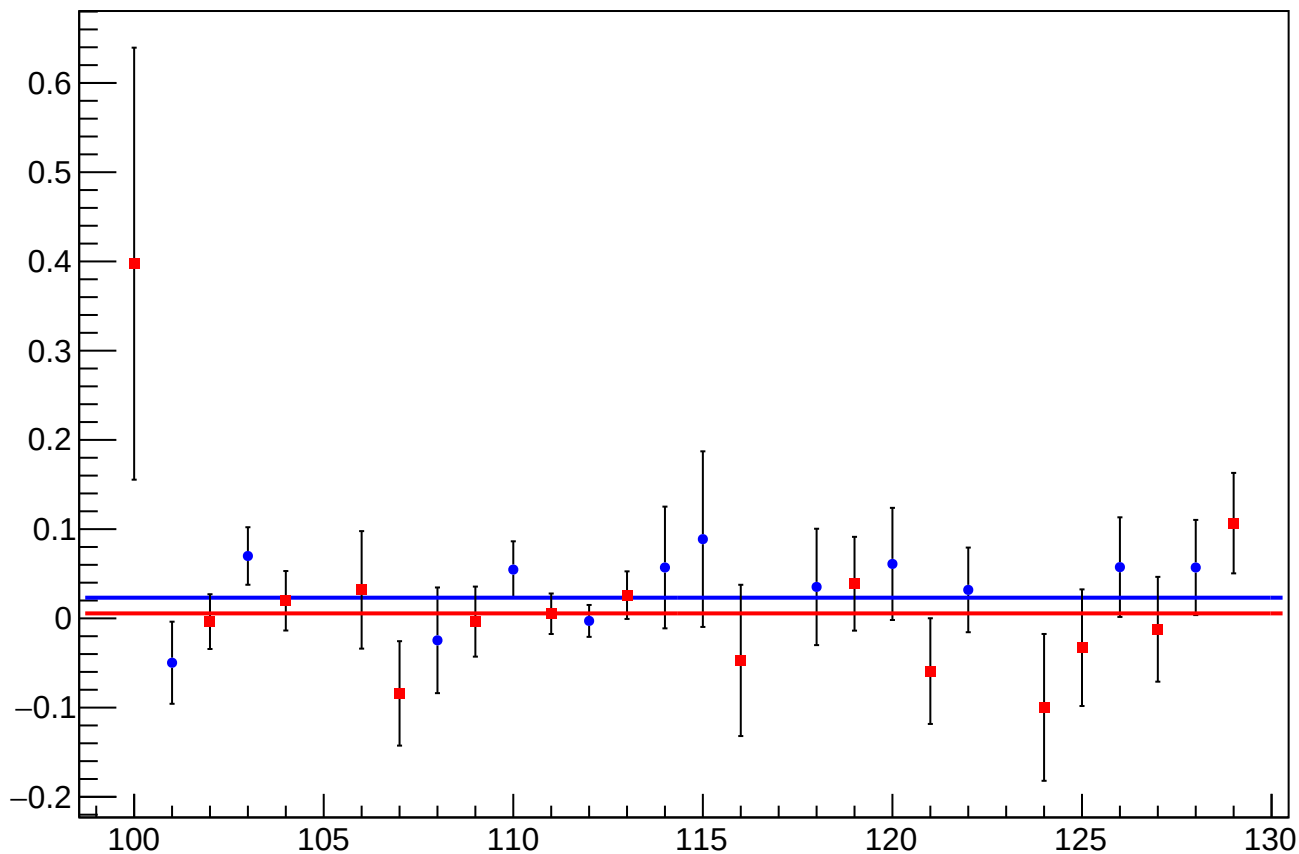
Right: 0.001+/-0.000 χ^2/NDF : 3224905.9/26

In: 0.001+/-0.000 χ^2/NDF :1275126.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3224905.9/26

asym_sam_1548_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023 $\pm$ 0.011 χ^2 /NDF: 10.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.006 $\pm$ 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

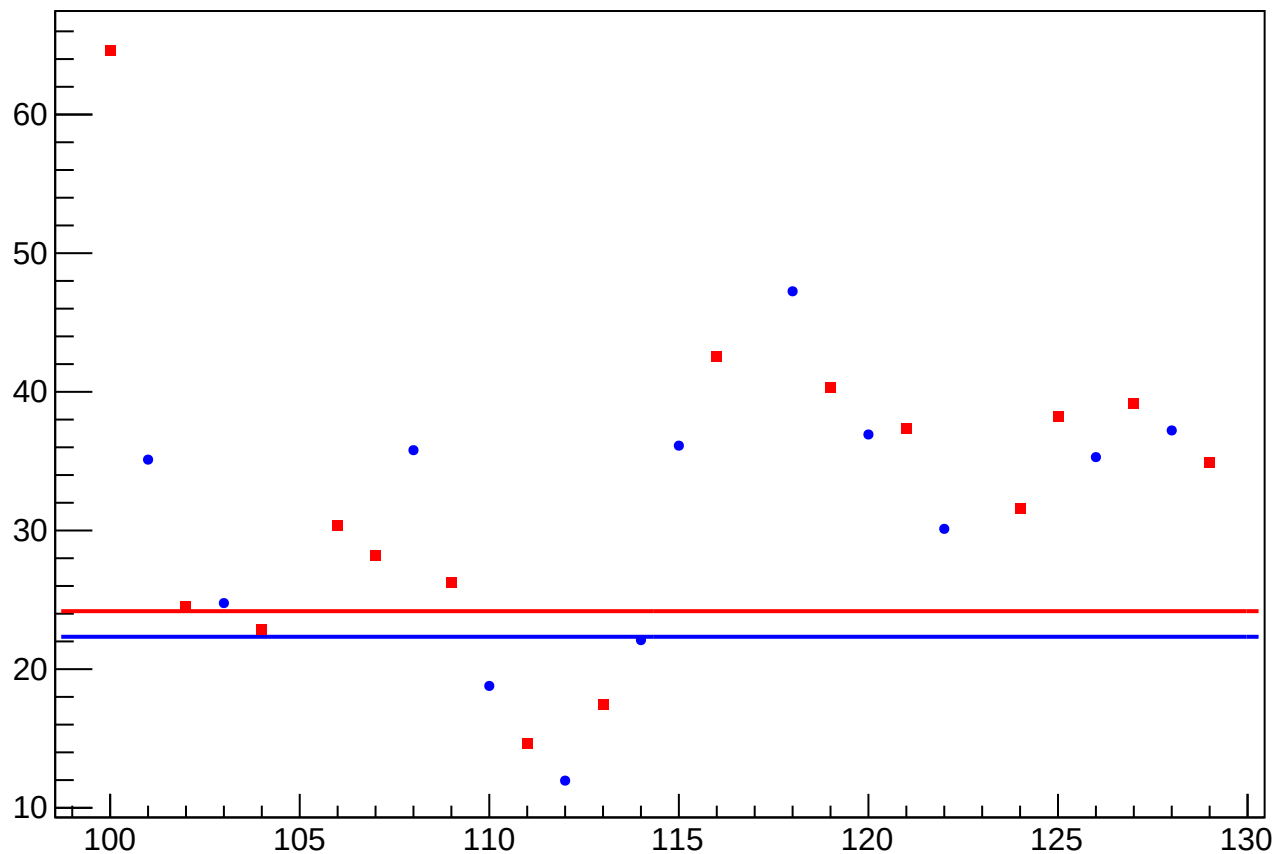
Right: 0.014 $\pm$ 0.008 χ^2 /NDF: 24.8/26

In: 0.023 $\pm$ 0.011 χ^2 /NDF:10.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.014 $\pm$ 0.008 χ^2 /NDF: 24.8/26

asym_sam_1548_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.336+/-0.008 χ^2/NDF : 1723813.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

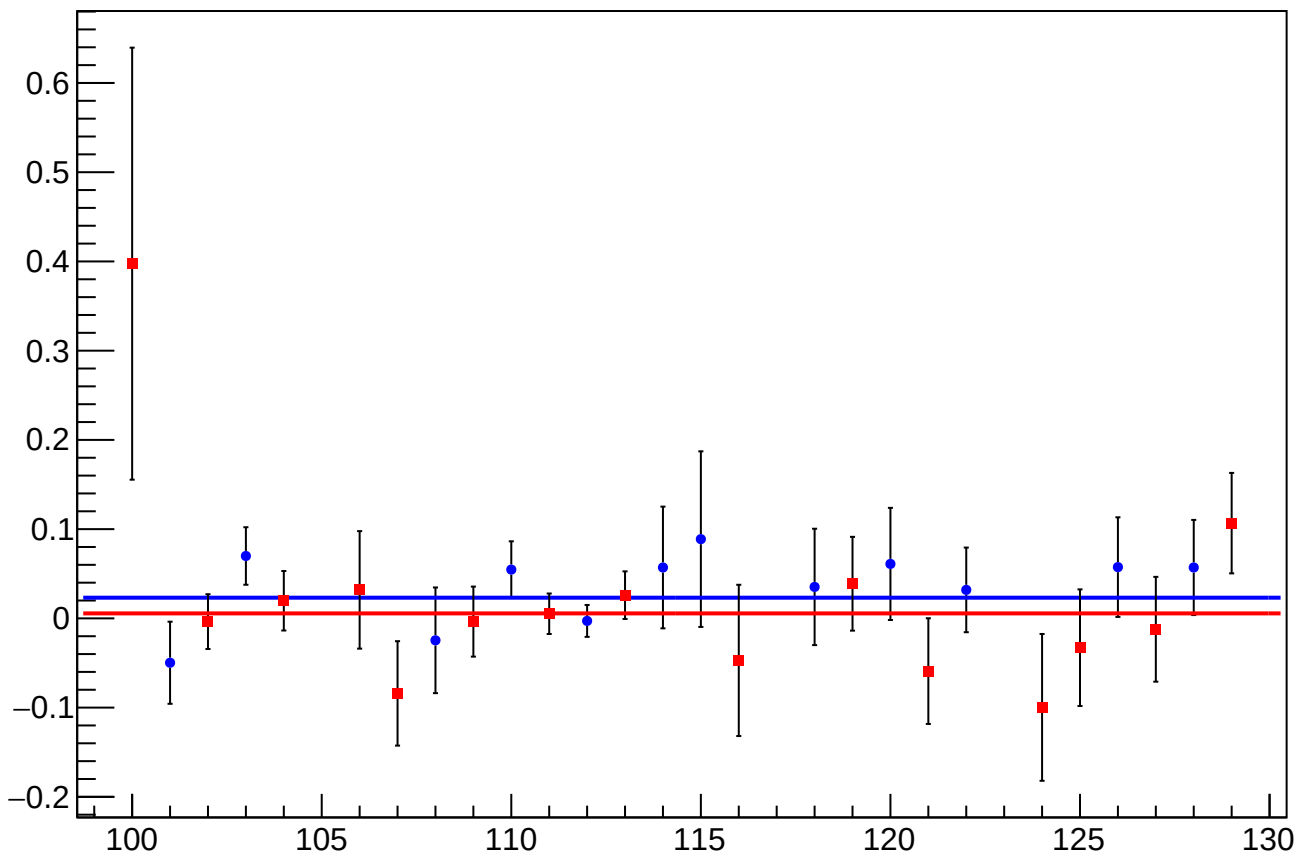
Right: 23.288+/-0.006 χ^2/NDF : 3018088.3/26

In: 22.336+/-0.008 χ^2/NDF : 1723813.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.288+/-0.006 χ^2/NDF : 3018088.3/26

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023 $\pm$ 0.011 χ^2 /NDF: 10.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.006 $\pm$ 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

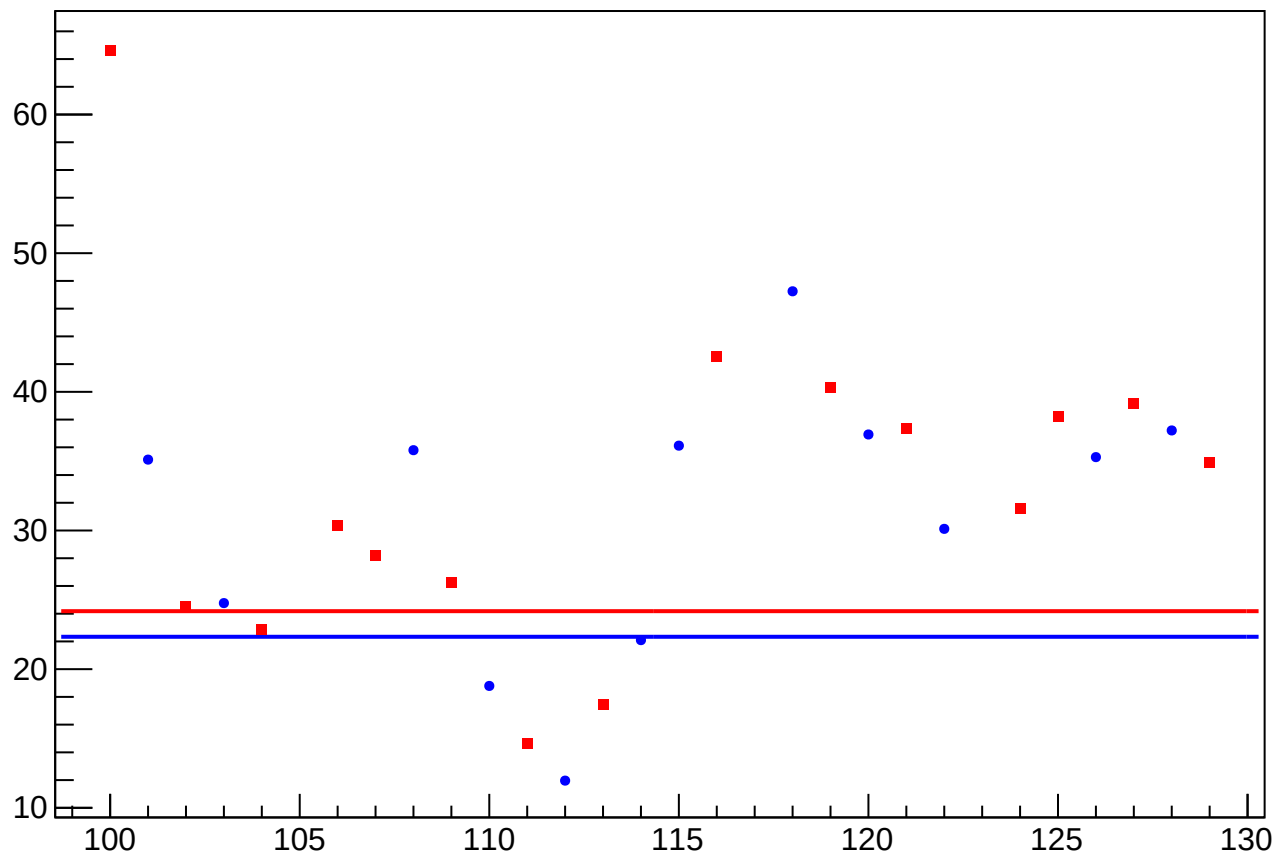
Right: 0.014 $\pm$ 0.008 χ^2 /NDF: 24.8/26

In: 0.023 $\pm$ 0.011 χ^2 /NDF:10.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.014 $\pm$ 0.008 χ^2 /NDF: 24.8/26

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.336+/-0.008 χ^2/NDF : 1723813.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

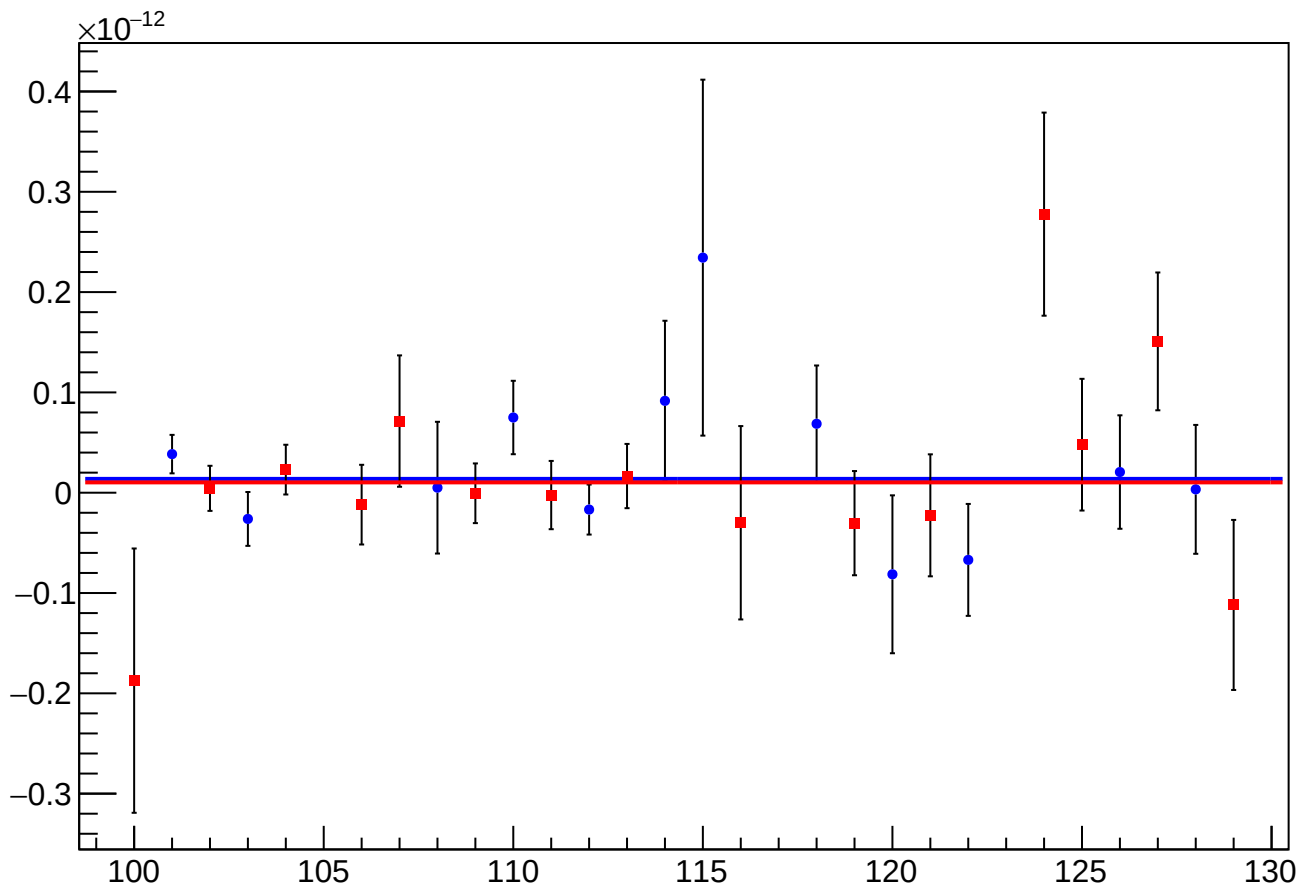
Right: 23.288+/-0.006 χ^2/NDF : 3018088.3/26

In: 22.336+/-0.008 χ^2/NDF : 1723813.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.288+/-0.006 χ^2/NDF : 3018088.3/26

asym_sam_1548_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.2/11

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

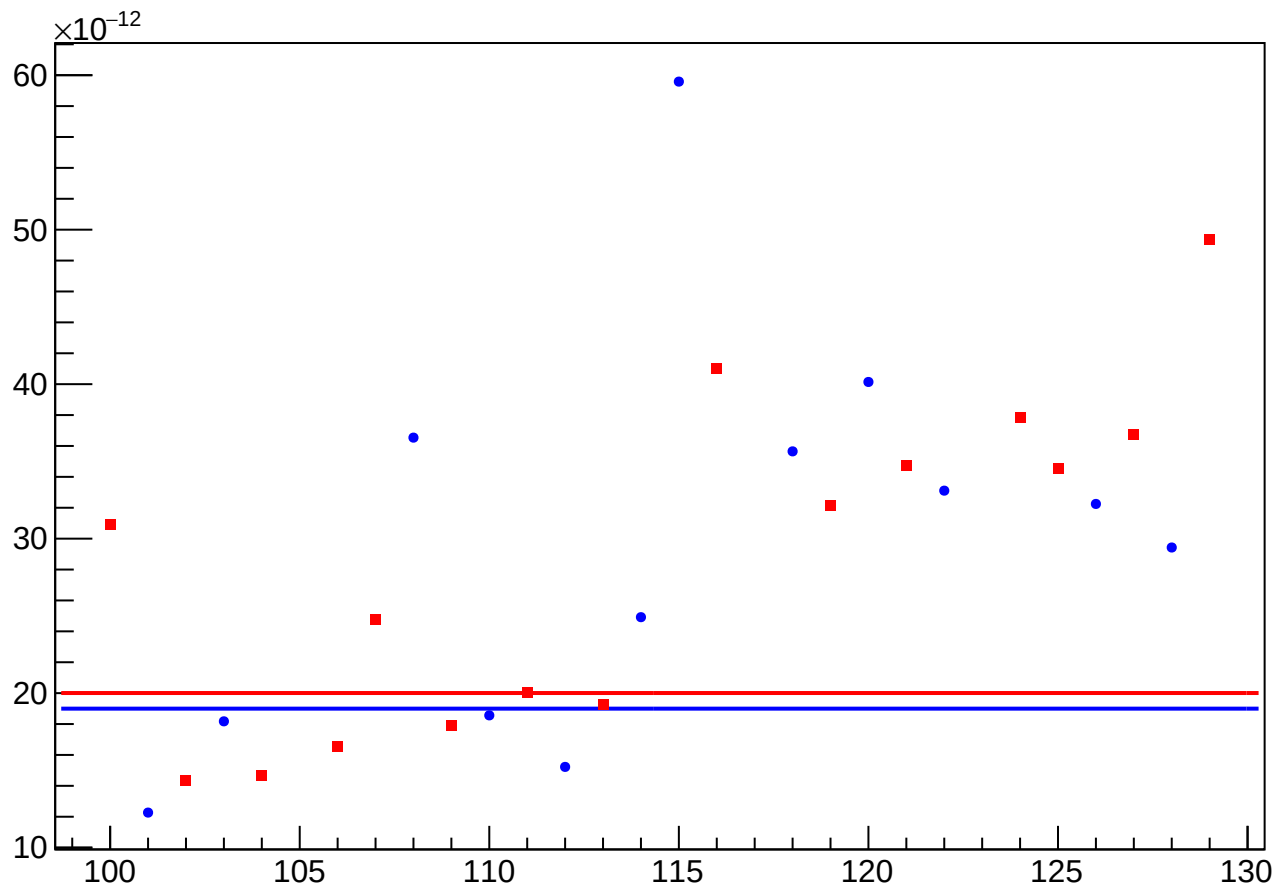
Right: 0.000+/-0.000 χ^2/NDF : 33.9/26

In: 0.000+/-0.000 χ^2/NDF : 15.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.9/26

asym_sam_1548_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1151503.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

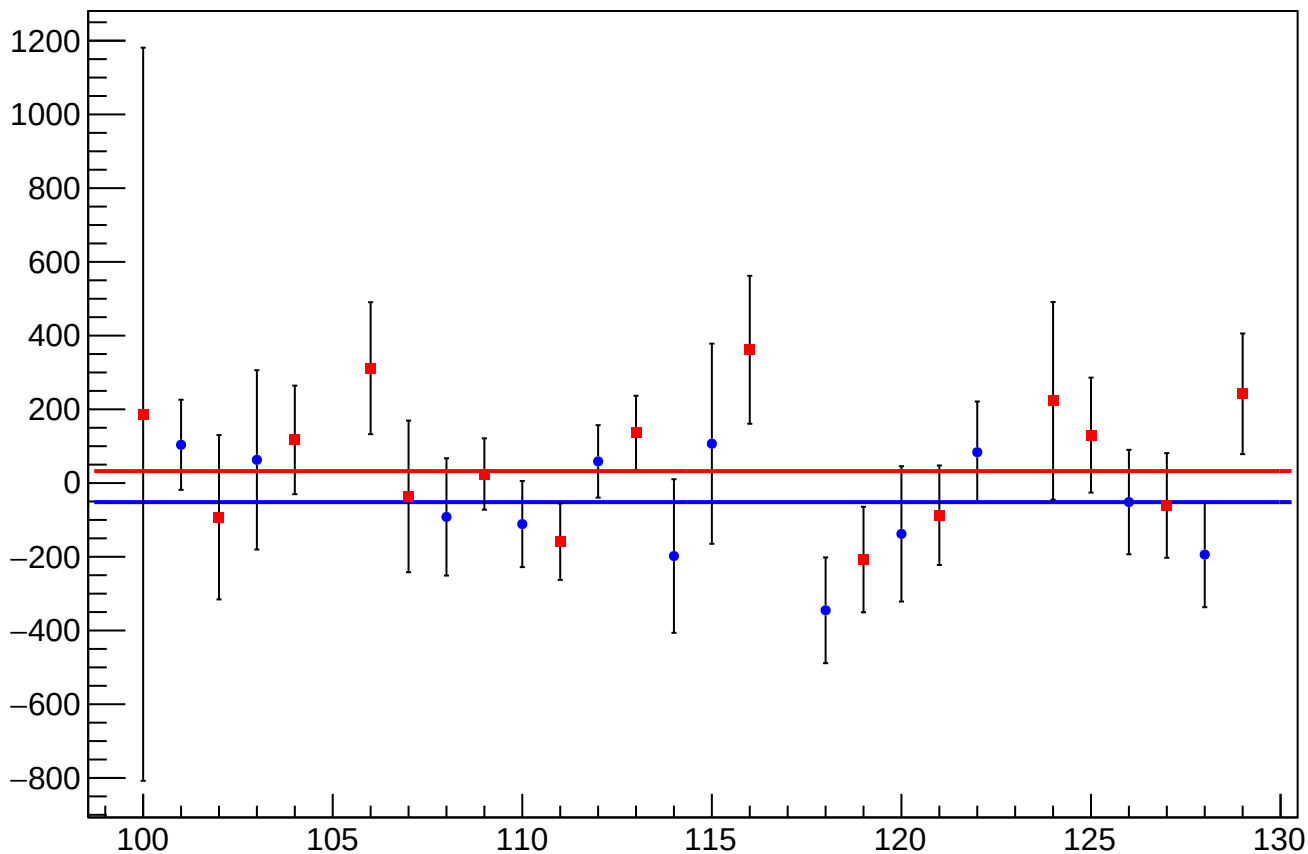
Right: 0.000+/-0.000 χ^2/NDF : 2273394.7/26

In: 0.000+/-0.000 χ^2/NDF : 1151503.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2273394.7/26

reg_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -51.749 $\pm$ 41.999 χ^2 /NDF: 10.6/11

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

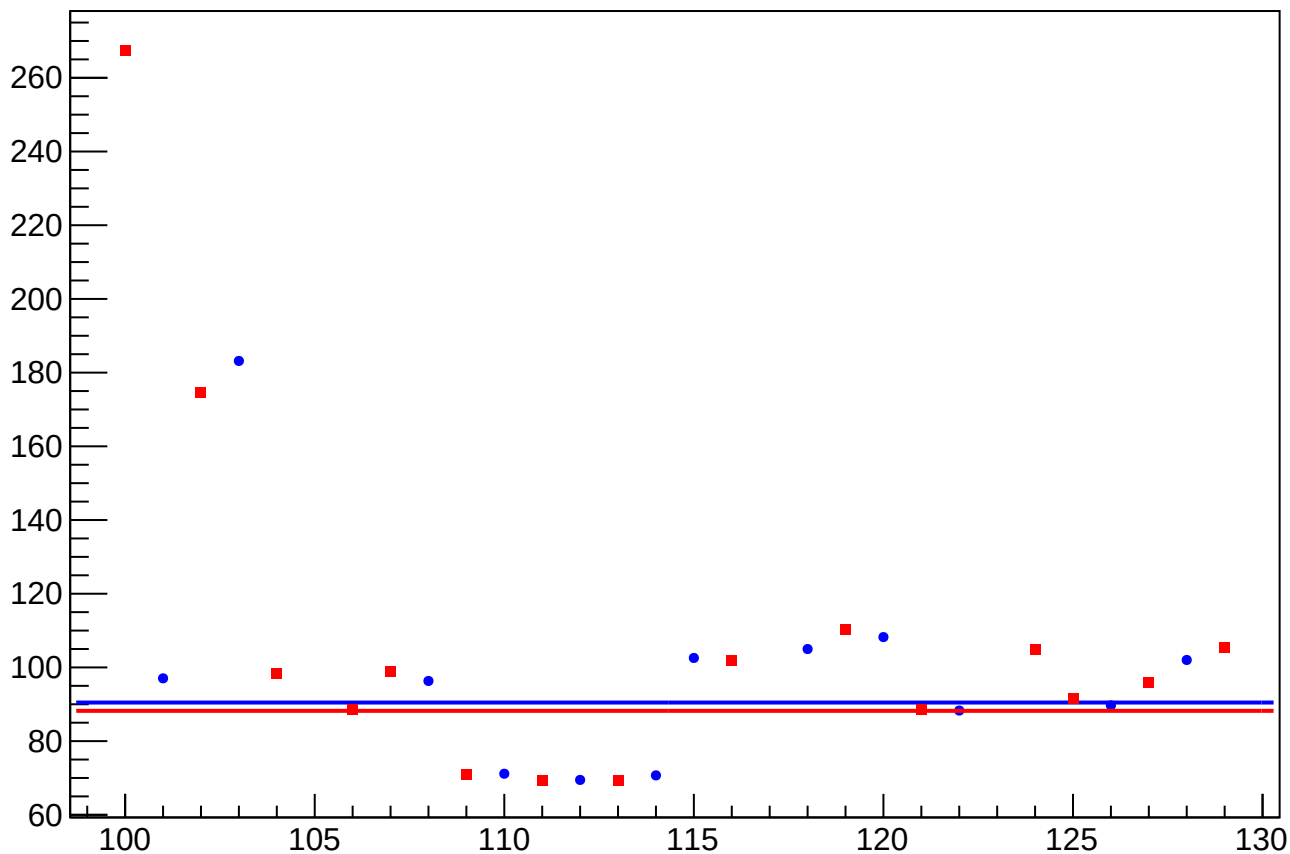
Right: -5.493 $\pm$ 28.196 χ^2 /NDF: 29.8/26

In: -51.749 $\pm$ 41.999 χ^2 /NDF:10.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.493 $\pm$ 28.196 χ^2 /NDF: 29.8/26

reg_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 90.473+/-0.030 χ^2/NDF : 519945.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

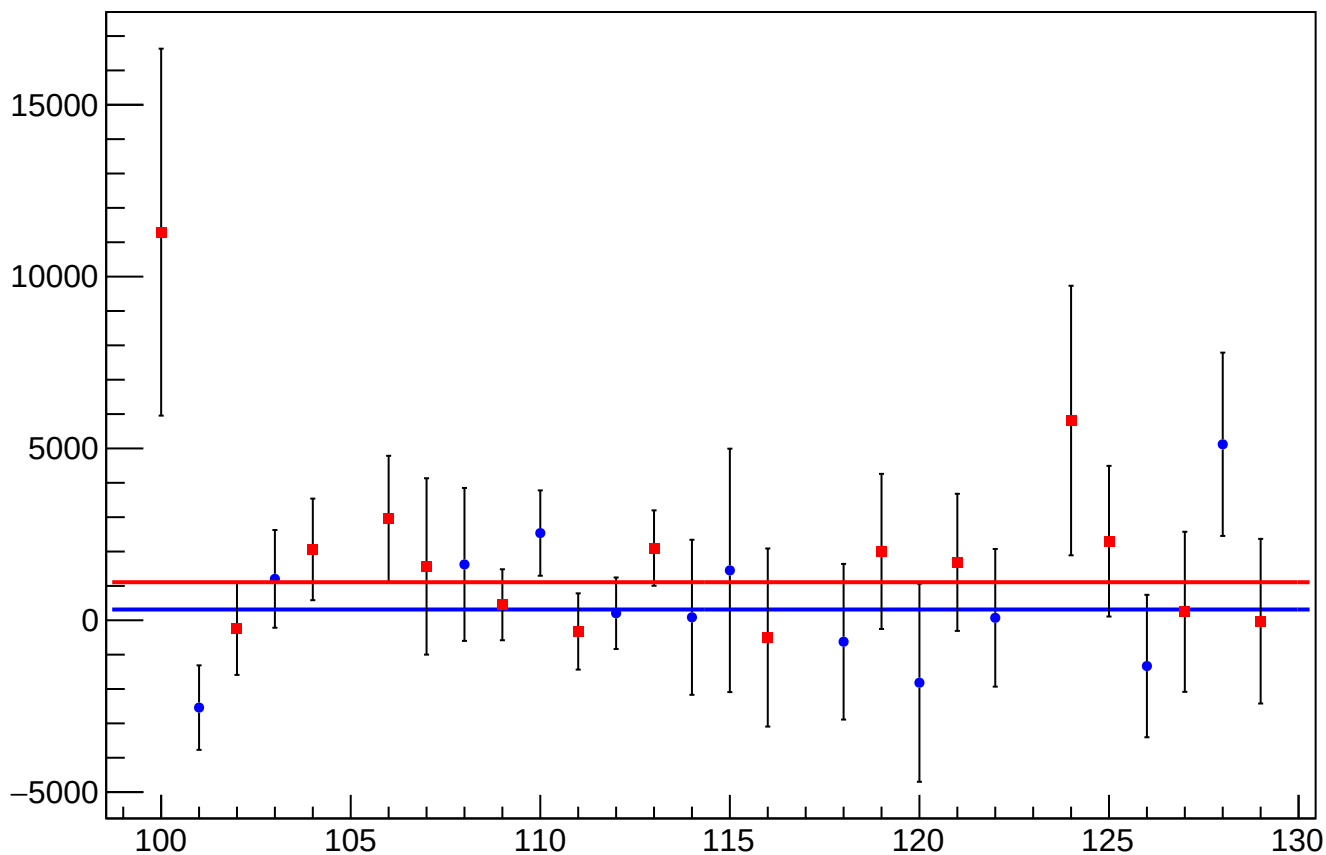
Right: 89.235+/-0.020 χ^2/NDF : 1197988.2/26

In: 90.473+/-0.030 χ^2/NDF : 519945.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.235+/-0.020 χ^2/NDF : 1197988.2/26

asym_sam_3748_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 313.518 $\pm$ 491.190 χ^2 /NDF: 14.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1107.740 $\pm$ 434.378 χ^2 /NDF: 11.7/14

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

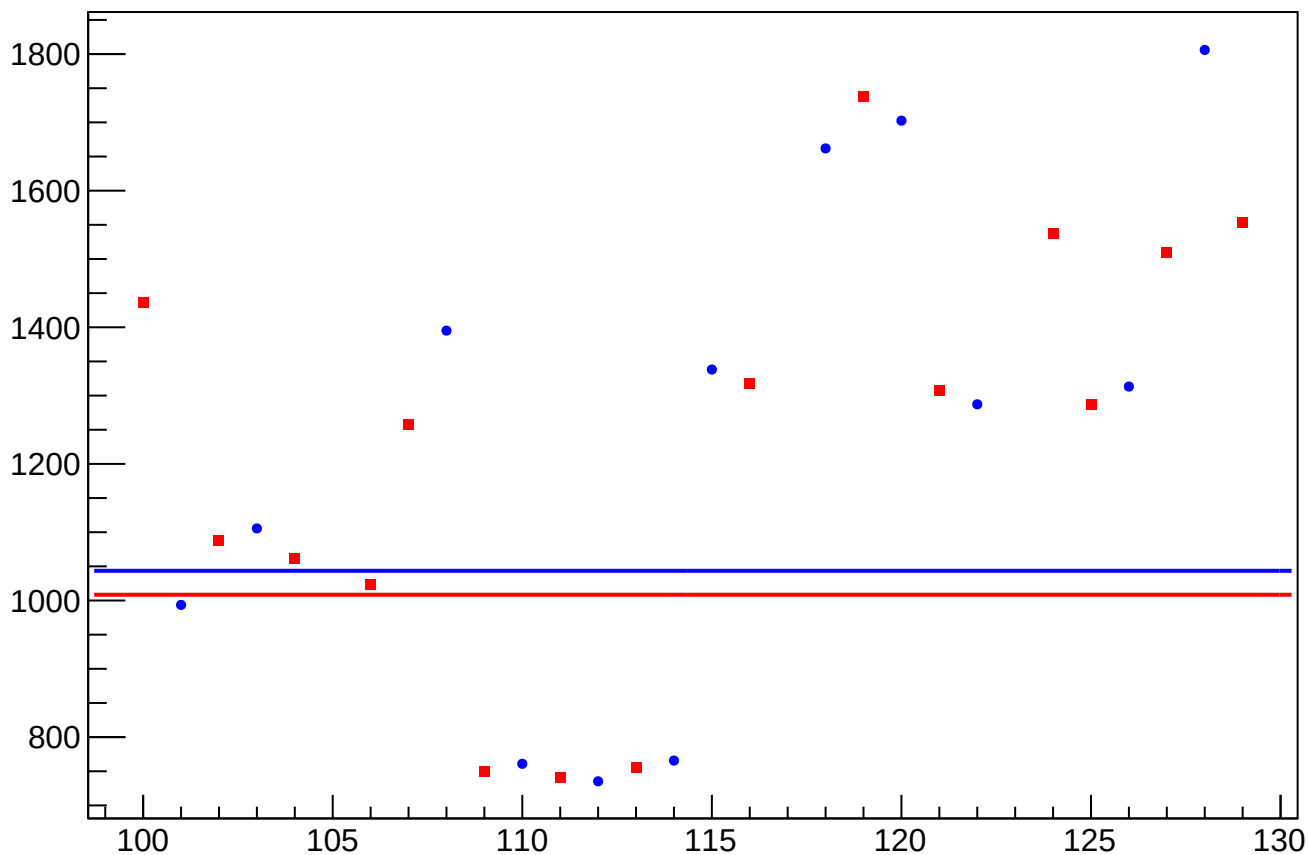
Right: 759.196 $\pm$ 325.392 χ^2 /NDF: 27.3/26

In: 313.518 $\pm$ 491.190 χ^2 /NDF:14.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 759.196 $\pm$ 325.392 χ^2 /NDF: 27.3/26

asym_sam_3748_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1043.501+/-0.347 χ^2/NDF : 860929.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

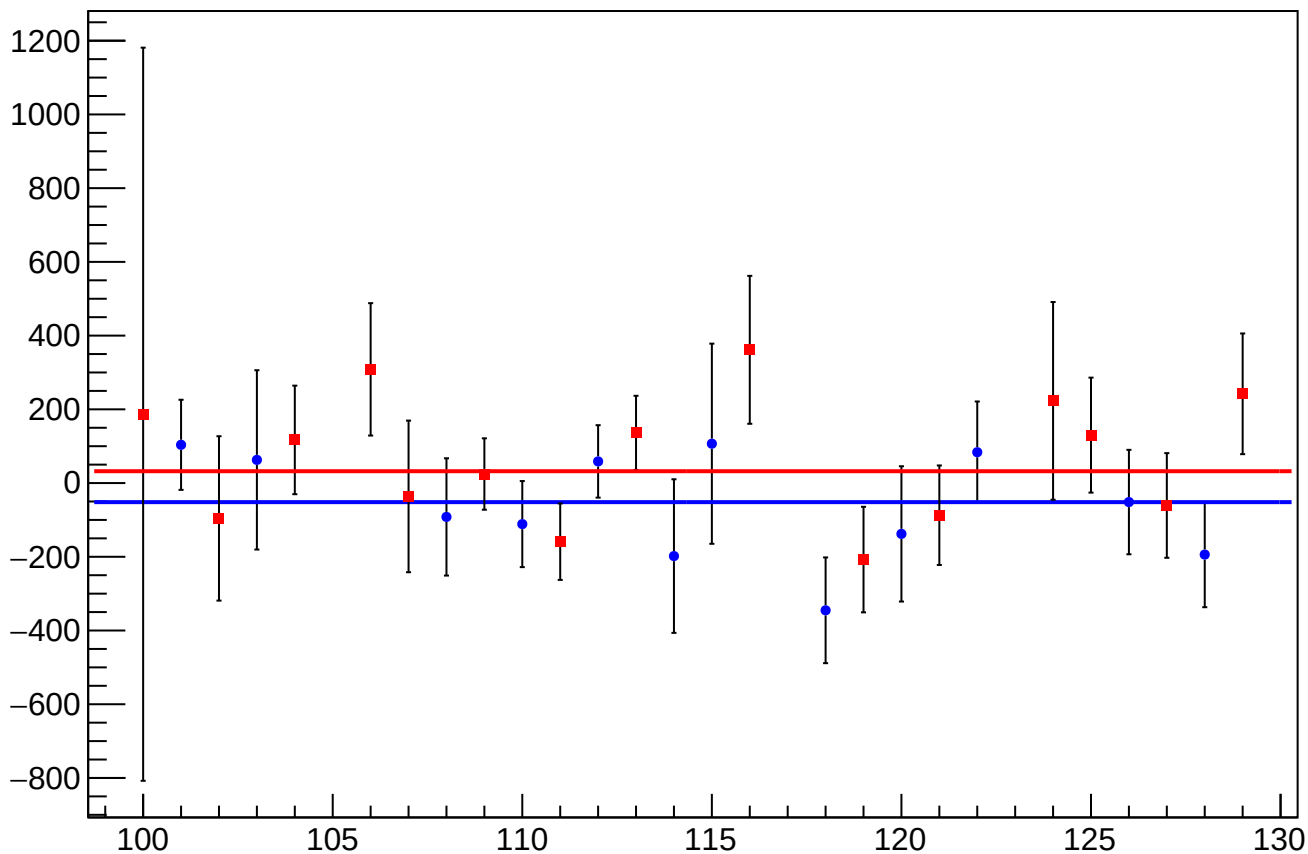
Right: 1023.844+/-0.230 χ^2/NDF : 1803050.8/26

In: 1043.501+/-0.347 χ^2/NDF : 860929.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1023.844+/-0.230 χ^2/NDF : 1803050.8/26

cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -51.766 $\pm$ 41.999 χ^2 /NDF: 10.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 32.150 $\pm$ 38.050 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

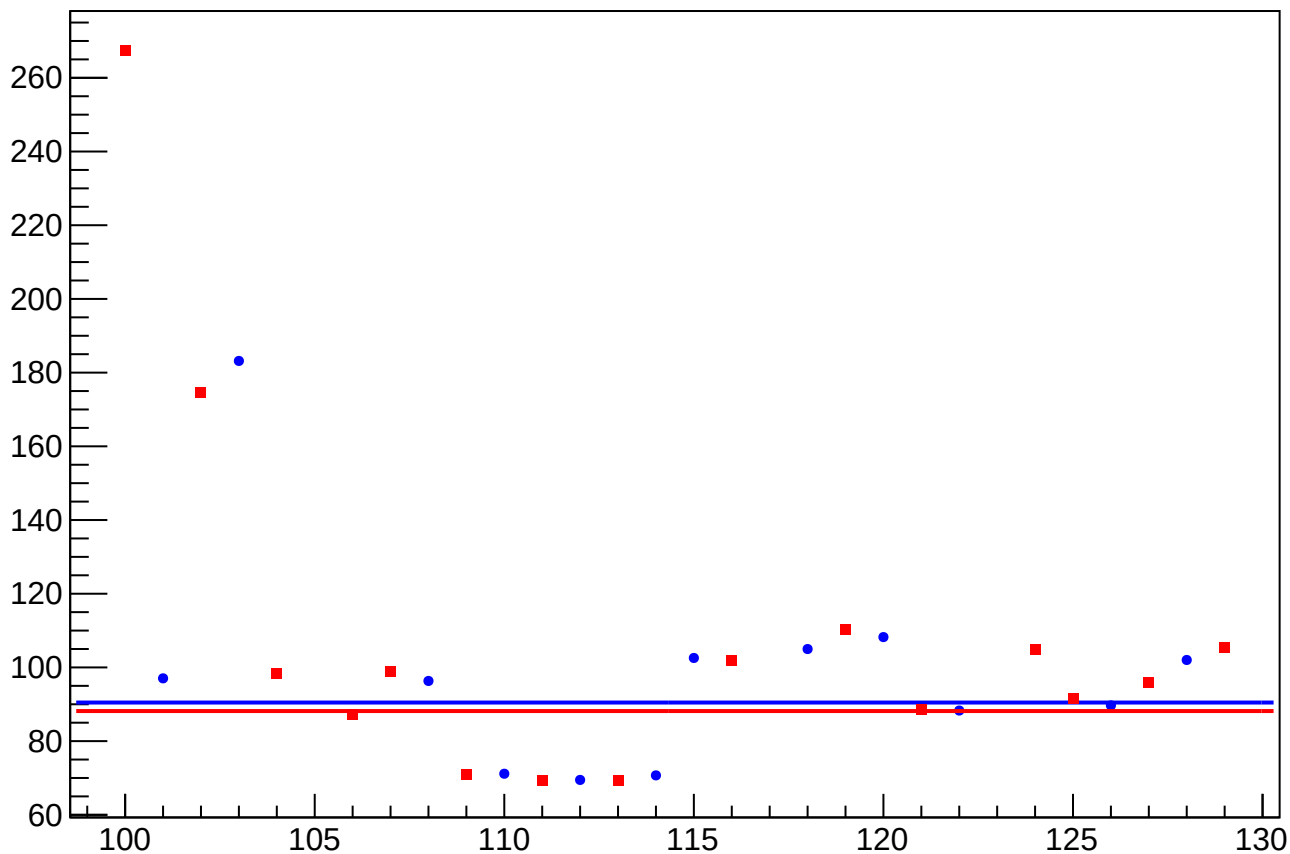
Right: -5.679 $\pm$ 28.199 χ^2 /NDF: 29.7/26

In: -51.766 $\pm$ 41.999 χ^2 /NDF:10.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.679 $\pm$ 28.199 χ^2 /NDF: 29.7/26

cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 90.473+/-0.030 χ^2/NDF : 519948.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

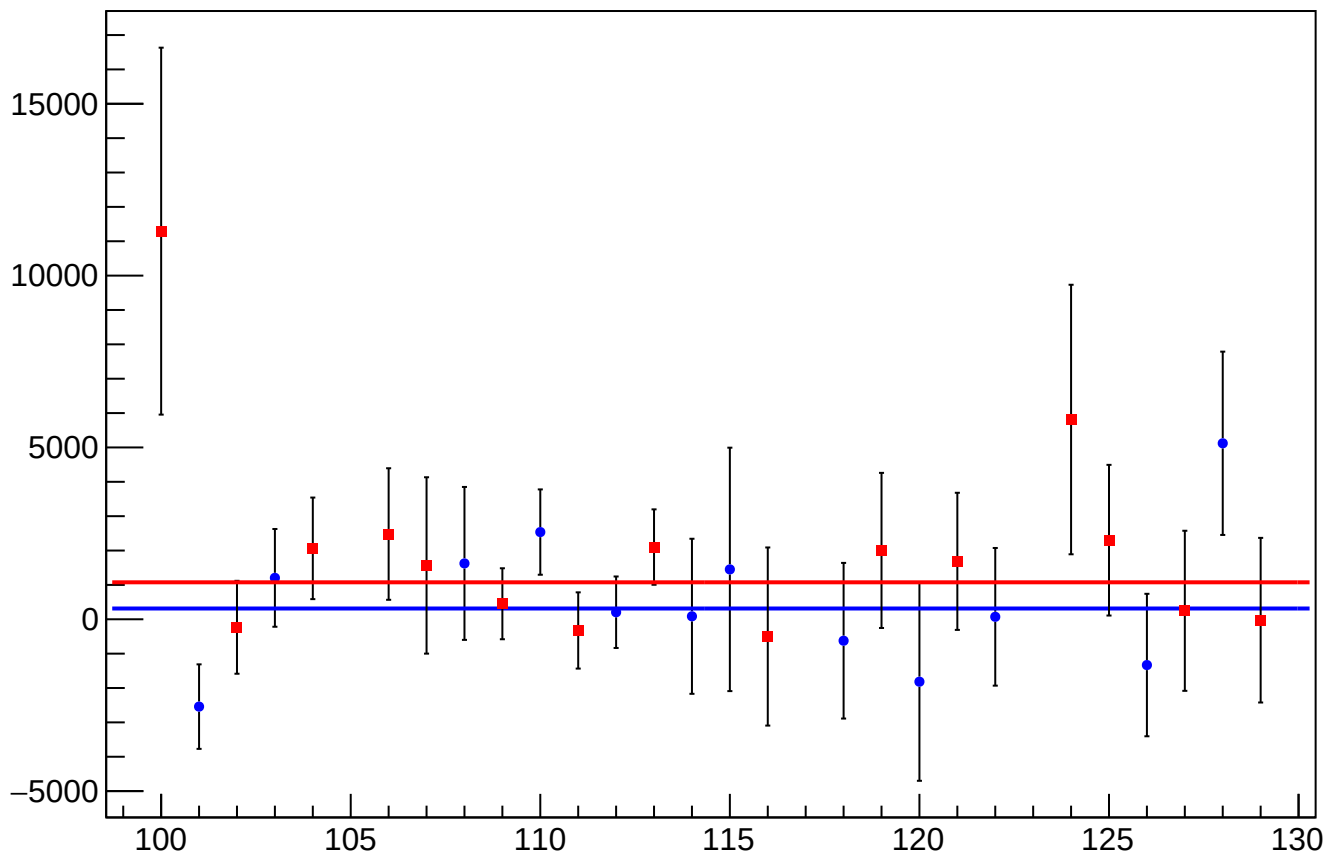
Right: 89.203+/-0.020 χ^2/NDF : 1198436.5/26

In: 90.473+/-0.030 χ^2/NDF : 519948.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.203+/-0.020 χ^2/NDF : 1198436.5/26

asym_sam_3748_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 313.497 ± 491.196 $\chi^2/\text{NDF}: 14.1/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1075.750 ± 435.407 $\chi^2/\text{NDF}: 11.2/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

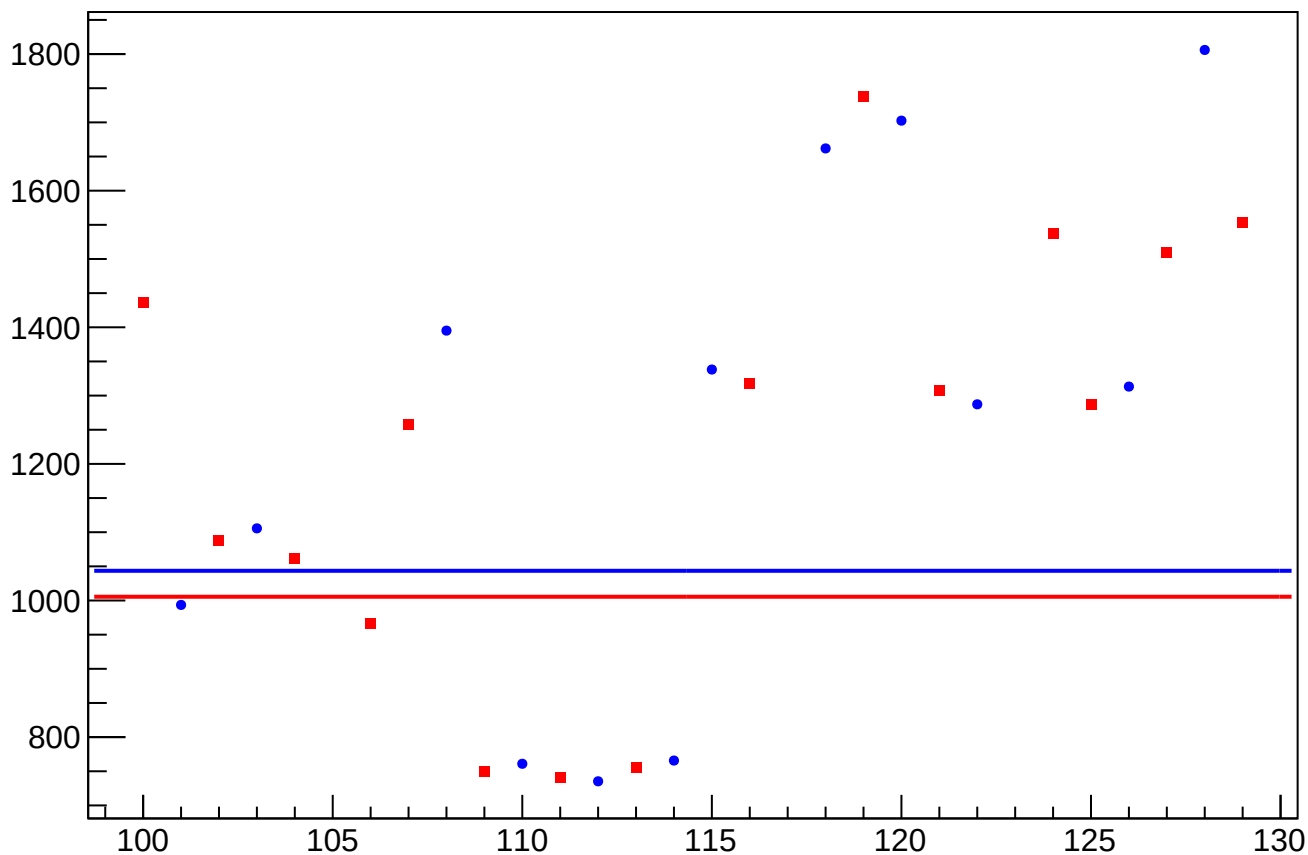
Right: 740.352 ± 325.826 $\chi^2/\text{NDF}: 26.6/26$

In: 313.497 ± 491.196 $\chi^2/\text{NDF}: 14.1/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 740.352 ± 325.826 $\chi^2/\text{NDF}: 26.6/26$

asym_sam_3748_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1043.512+/-0.347 χ^2/NDF : 860943.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

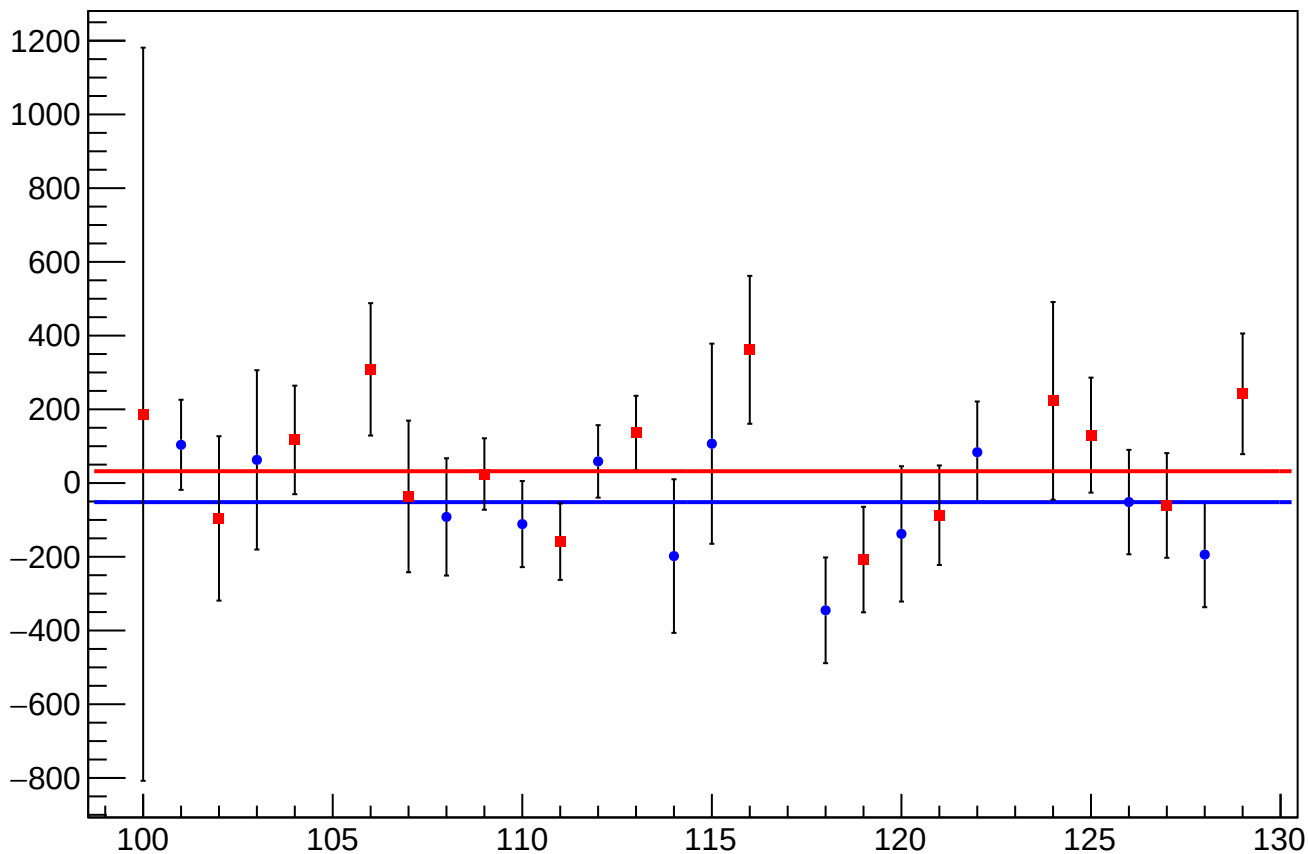
Right: 1022.240+/-0.230 χ^2/NDF : 1804886.4/26

In: 1043.512+/-0.347 χ^2/NDF : 860943.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1022.240+/-0.230 χ^2/NDF : 1804886.4/26

eigen_cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -51.766 $\pm$ 41.999 χ^2 /NDF: 10.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 32.150 $\pm$ 38.050 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

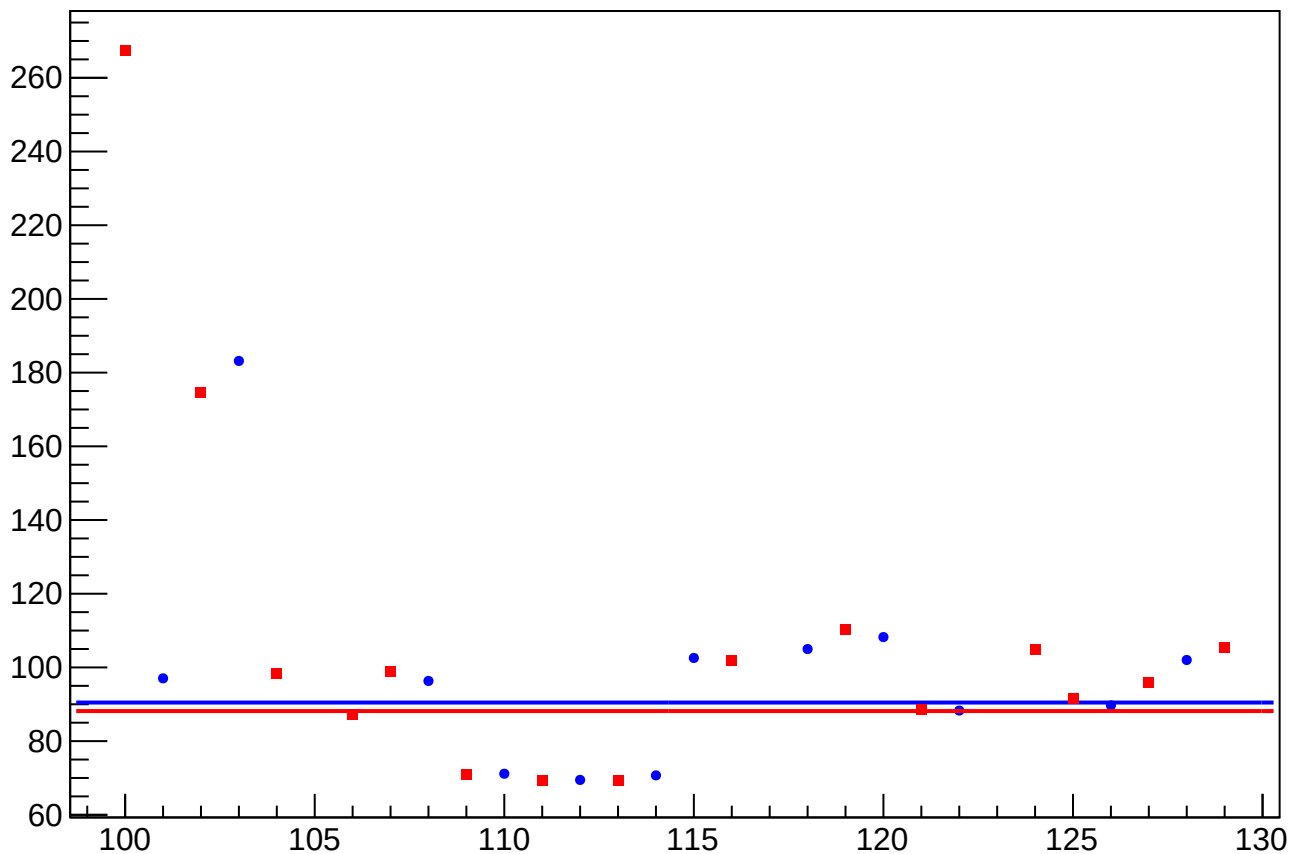
Right: -5.679 $\pm$ 28.199 χ^2 /NDF: 29.7/26

In: -51.766 $\pm$ 41.999 χ^2 /NDF:10.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.679 $\pm$ 28.199 χ^2 /NDF: 29.7/26

eigen_cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 90.473+/-0.030 χ^2/NDF : 519948.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

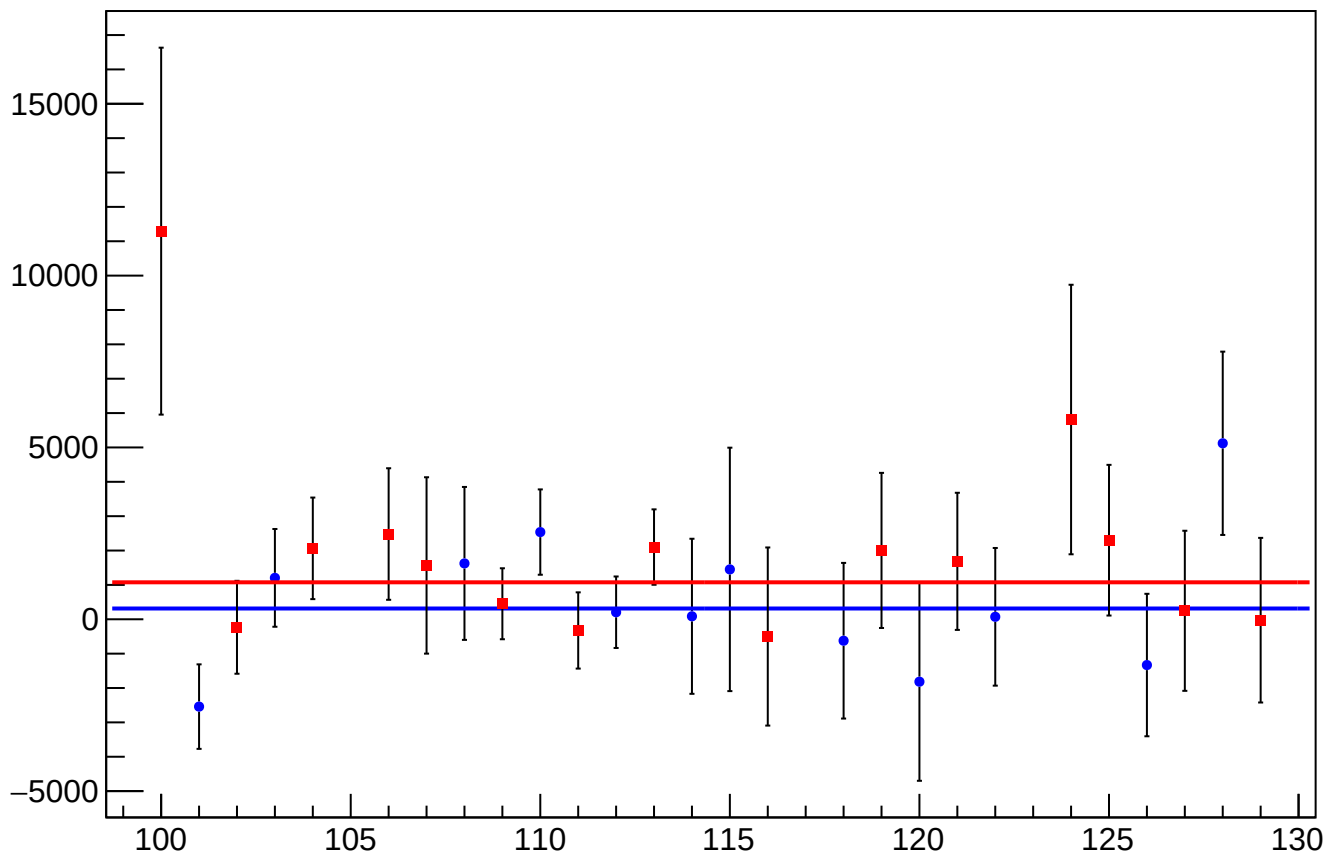
Right: 89.203+/-0.020 χ^2/NDF : 1198436.5/26

In: 90.473+/-0.030 χ^2/NDF : 519948.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.203+/-0.020 χ^2/NDF : 1198436.5/26

asym_sam_3748_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 313.497+/-491.196 χ^2/NDF : 14.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

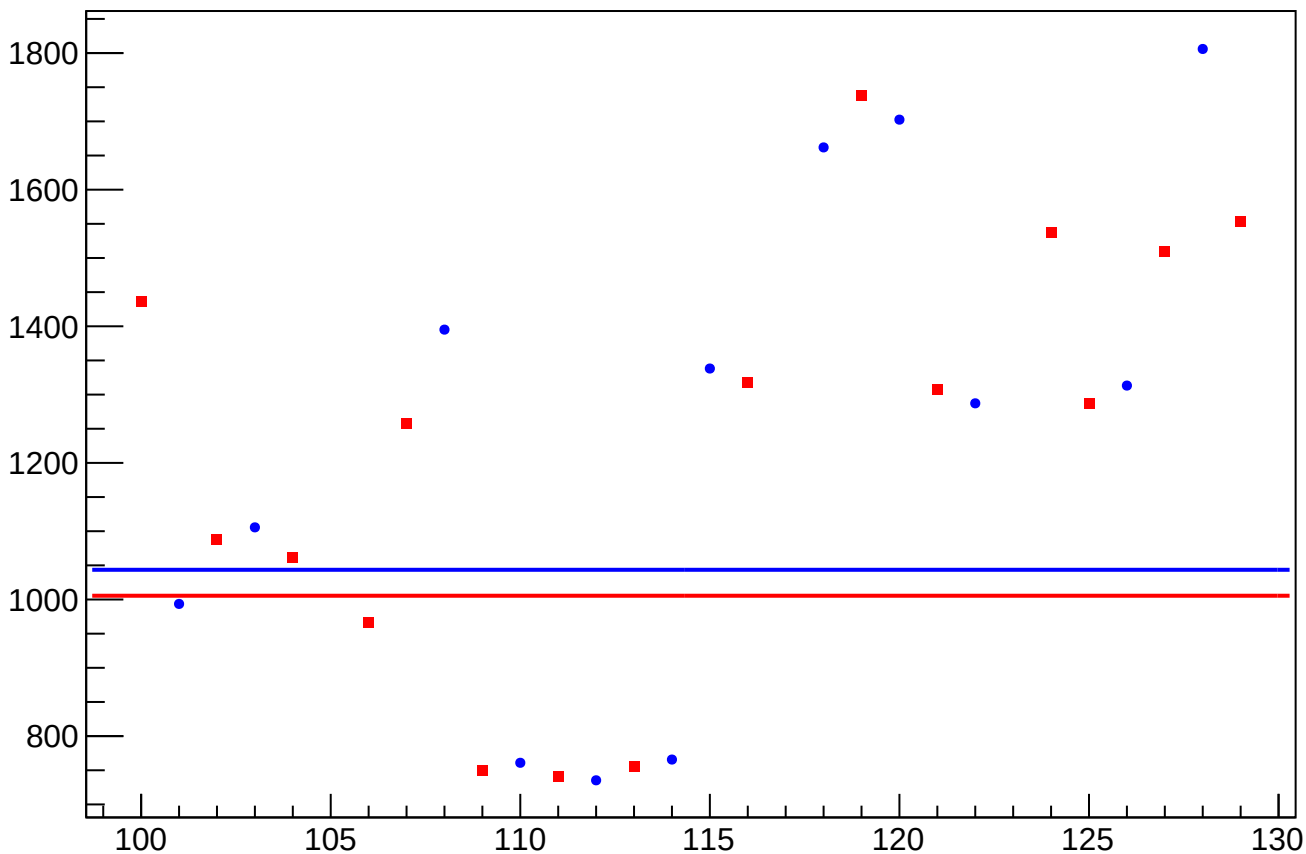
Right: 740.352+/-325.826 χ^2/NDF : 26.6/26

In: 313.497+/-491.196 χ^2/NDF : 14.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 740.352+/-325.826 χ^2/NDF : 26.6/26

asym_sam_3748_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1043.512 $\pm$ 0.347 χ^2 /NDF: 860943.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1005.526 $\pm$ 0.308 χ^2 /NDF: 937244.7/14

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

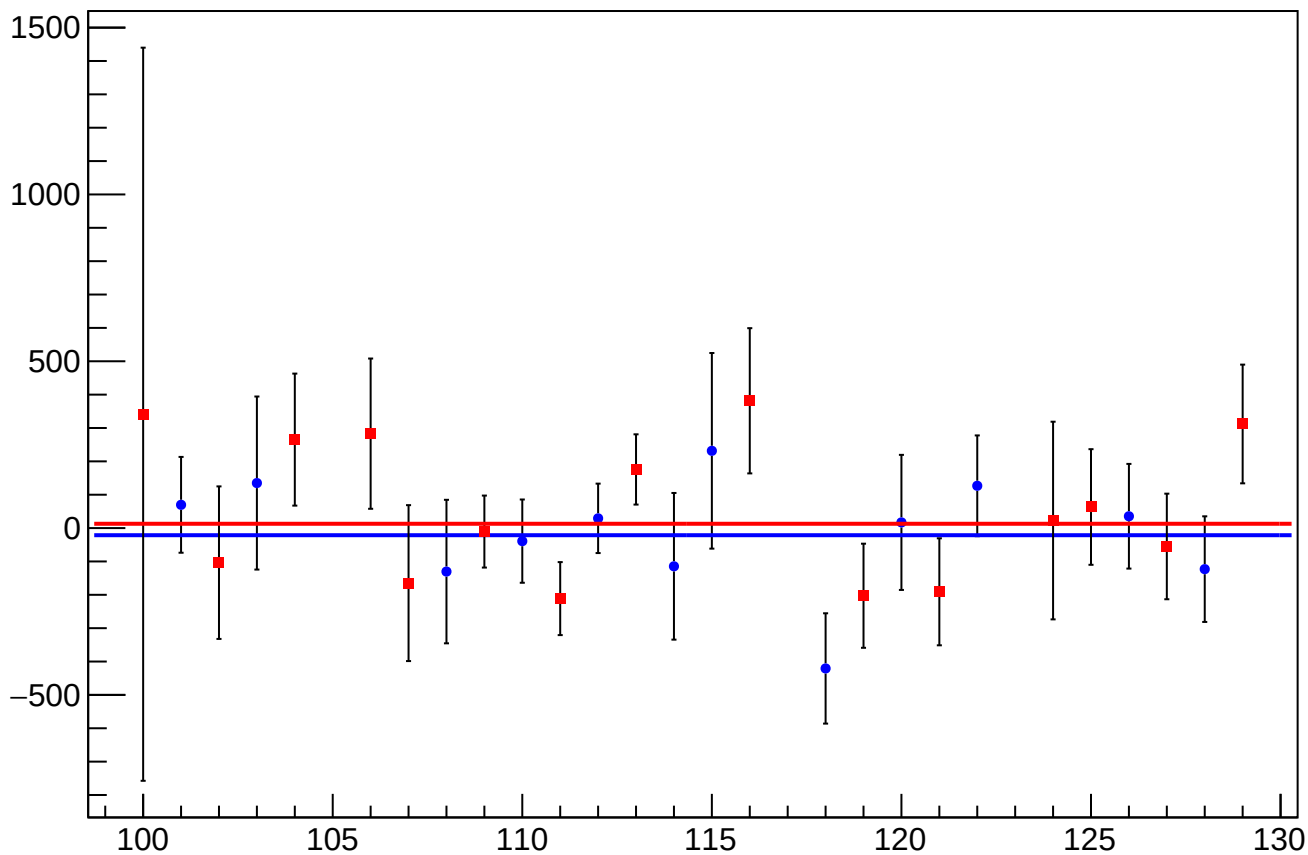
Right: 1022.240 $\pm$ 0.230 χ^2 /NDF: 1804886.4/26

In: 1043.512 $\pm$ 0.347 χ^2 /NDF:860943.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1022.240 $\pm$ 0.230 χ^2 /NDF: 1804886.4/26

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -21.354 ± 46.661 χ^2/NDF : 9.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 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

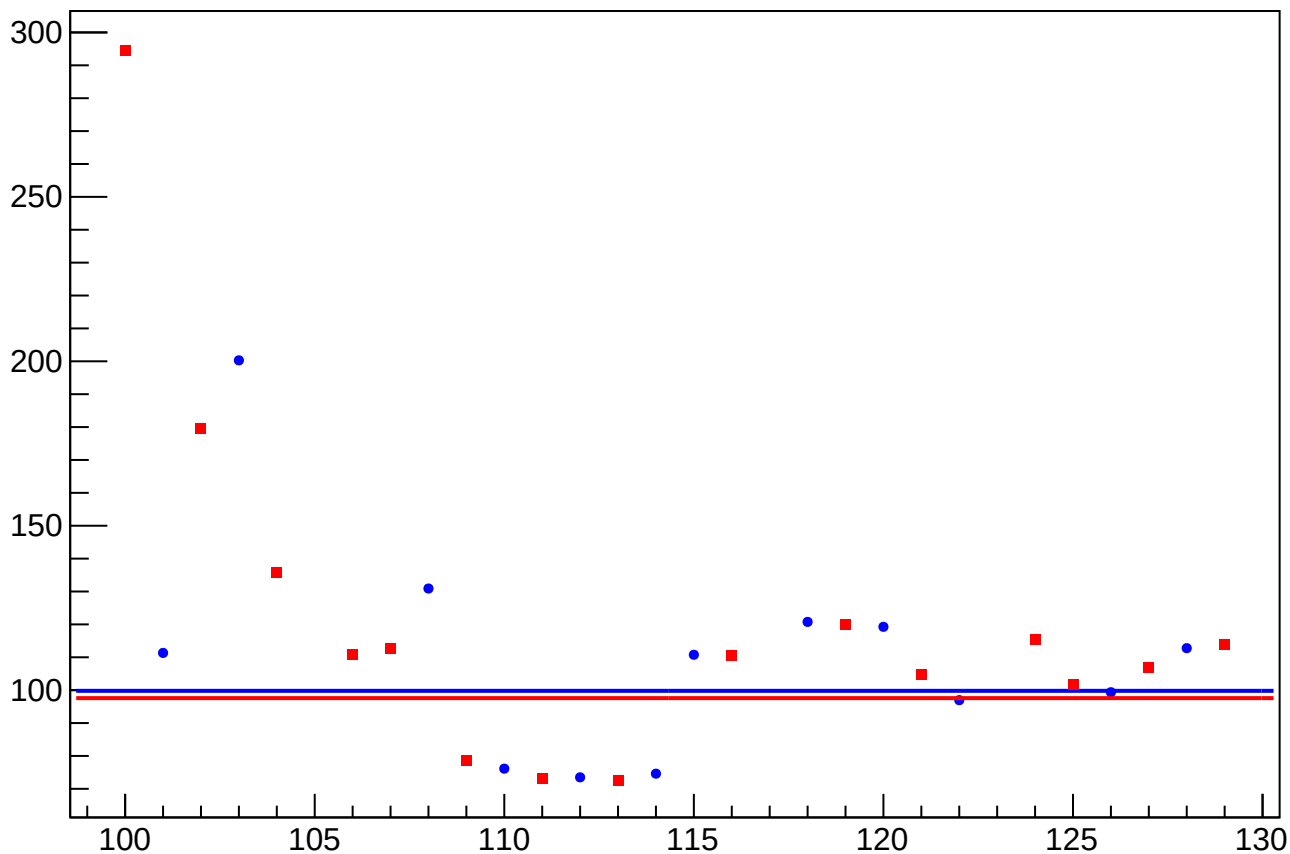
Right: -2.511 ± 31.314 χ^2/NDF : 30.0/26

In: -21.354 ± 46.661 χ^2/NDF : 9.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.511 ± 31.314 χ^2/NDF : 30.0/26

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 99.799+/-0.033 χ^2/NDF : 648709.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

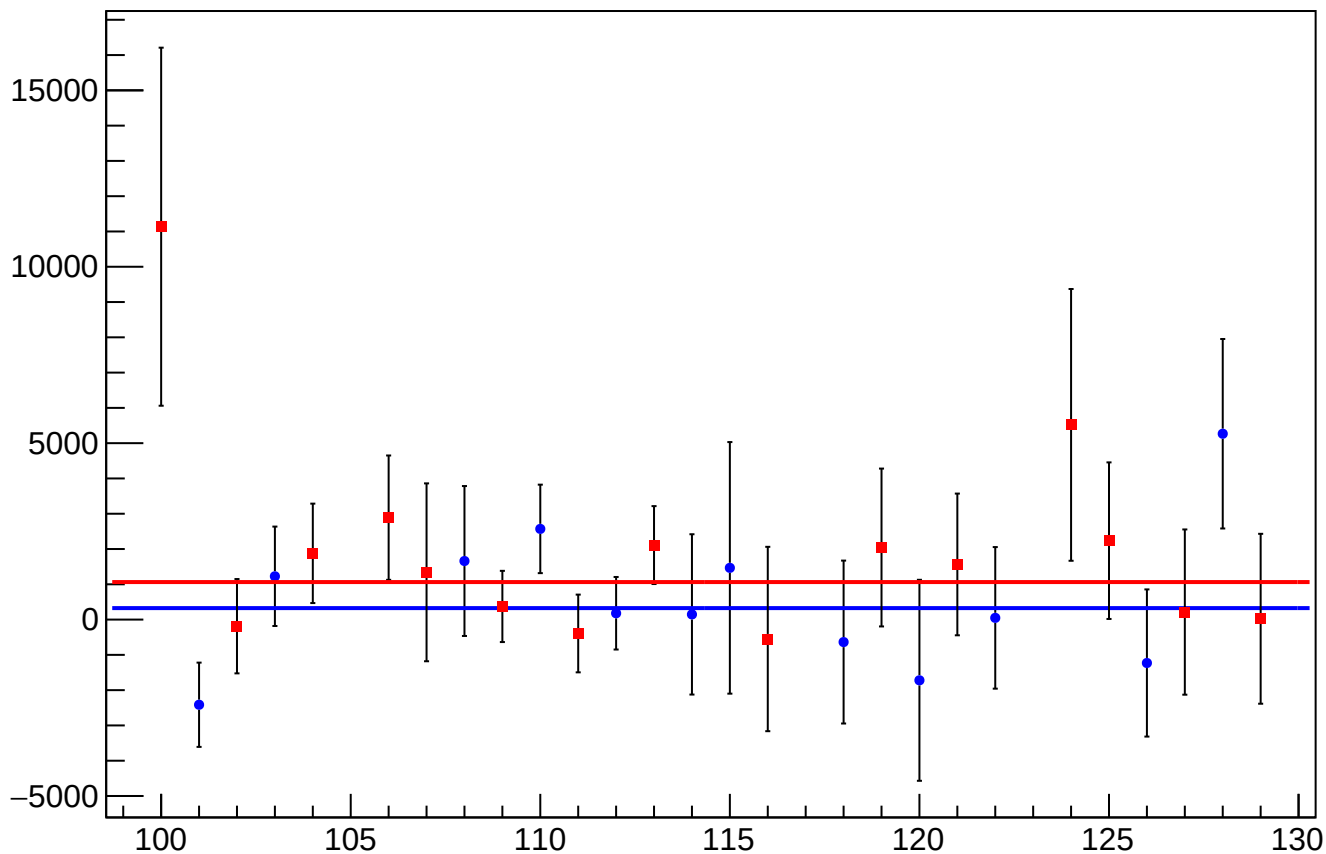
Right: 98.581+/-0.022 χ^2/NDF : 1424104.3/26

In: 99.799+/-0.033 χ^2/NDF : 648709.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.581+/-0.022 χ^2/NDF : 1424104.3/26

asym_sam_3748_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 325.303 $\pm$ 487.418 χ^2 /NDF: 14.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1063.294 $\pm$ 429.247 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

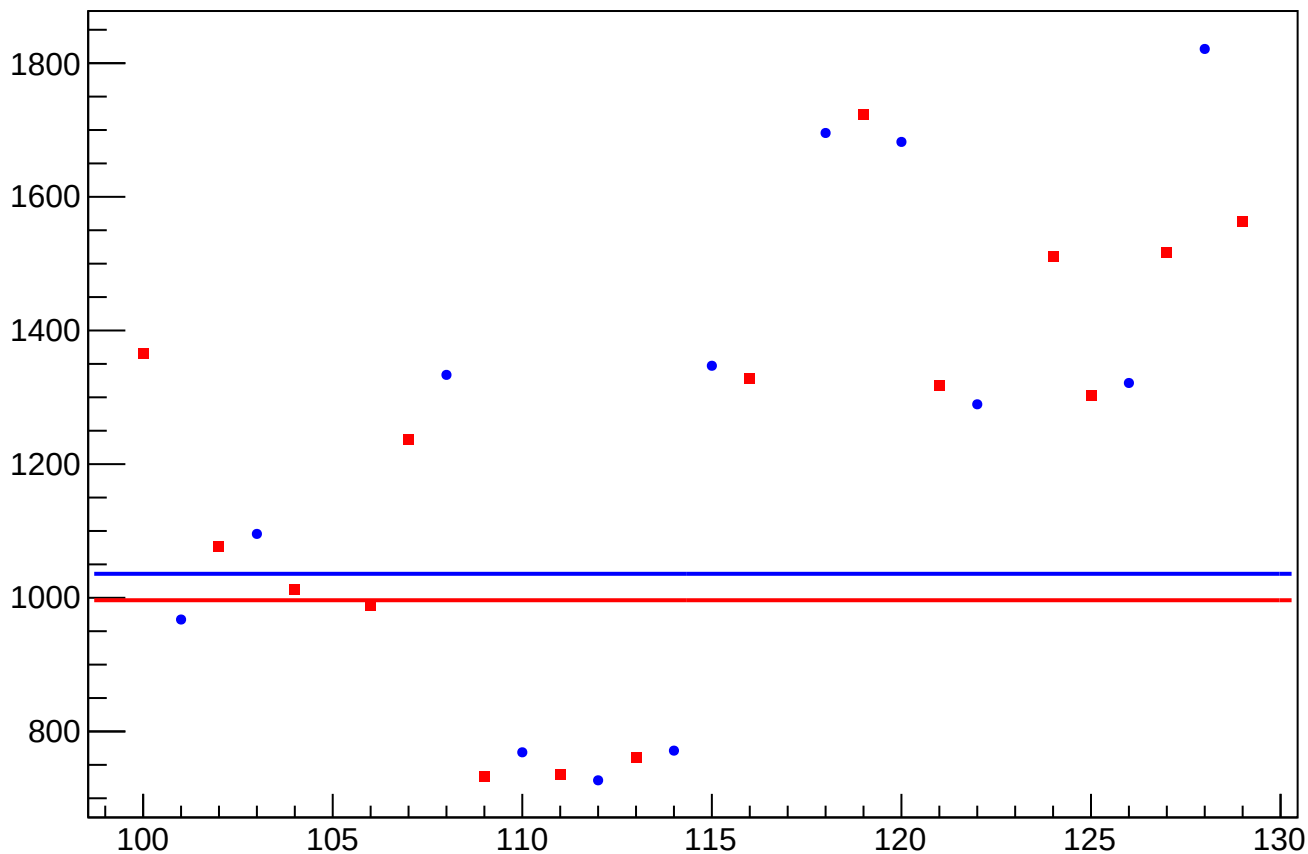
Right: 740.943 $\pm$ 322.137 χ^2 /NDF: 27.3/26

In: 325.303 $\pm$ 487.418 χ^2 /NDF:14.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 740.943 $\pm$ 322.137 χ^2 /NDF: 27.3/26

asym_sam_3748_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1035.900+/-0.345 χ^2/NDF : 870087.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

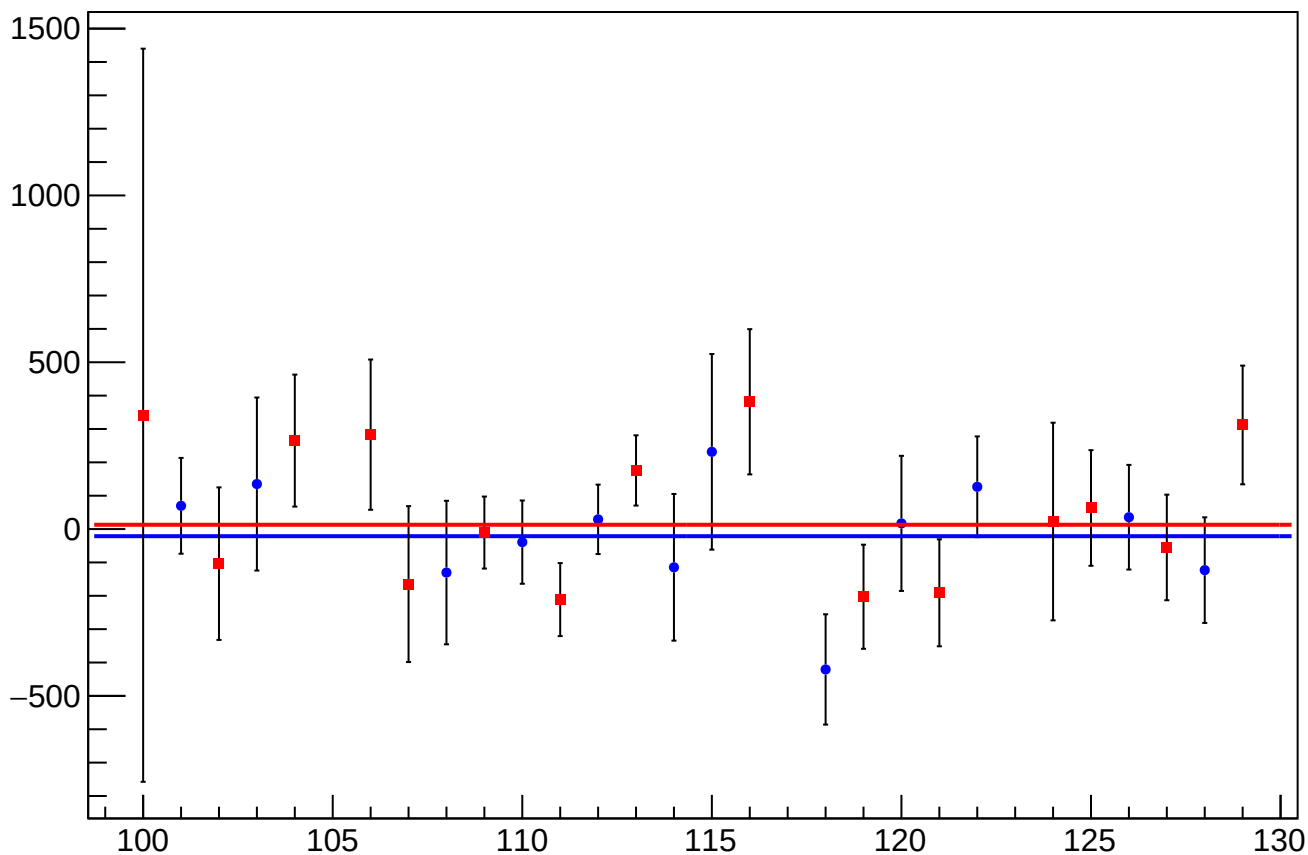
Right: 1013.624+/-0.228 χ^2/NDF : 1830075.3/26

In: 1035.900+/-0.345 χ^2/NDF : 870087.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1013.624+/-0.228 χ^2/NDF : 1830075.3/26

eigen_dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -21.355 ± 46.661 χ^2/NDF : 9.6/11

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

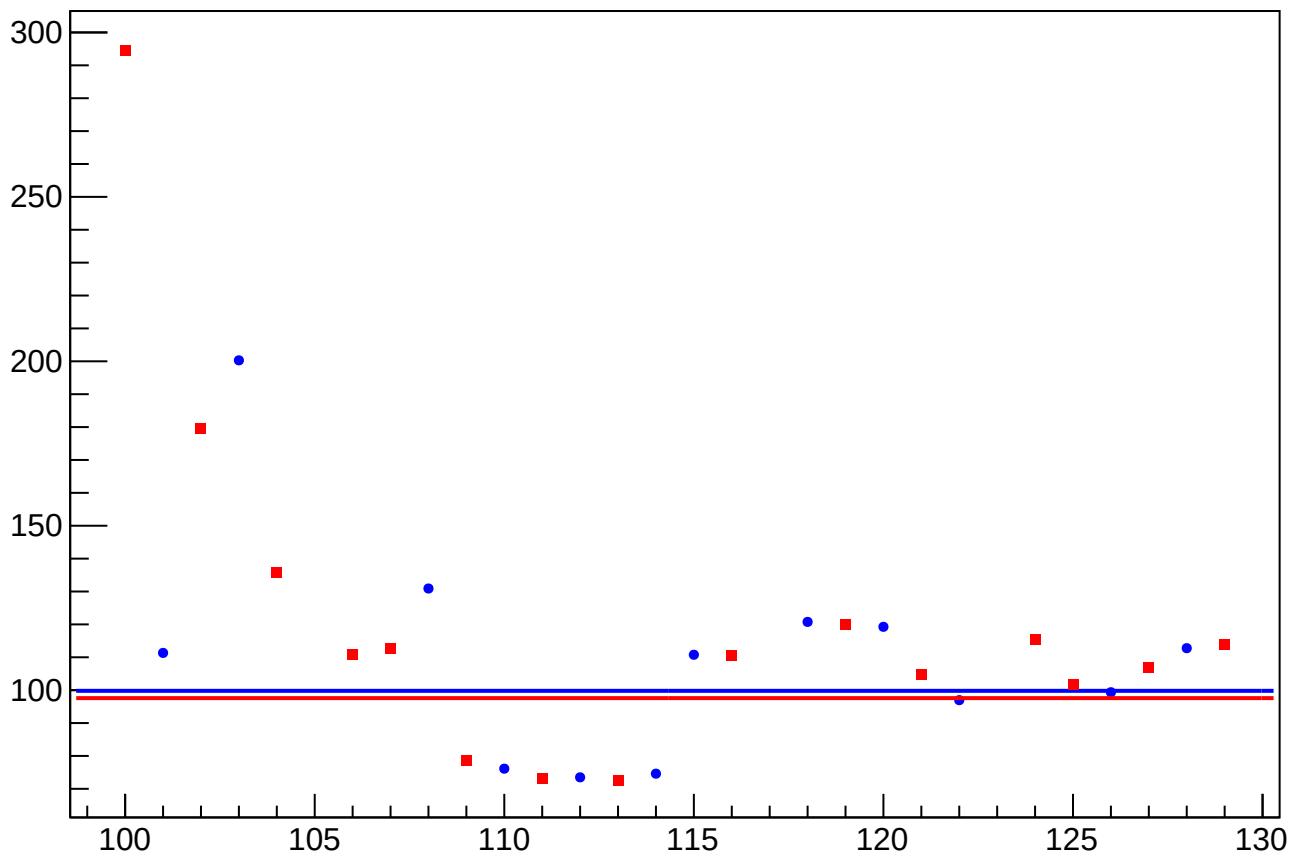
Right: -2.513 ± 31.314 χ^2/NDF : 30.0/26

In: -21.355 ± 46.661 χ^2/NDF : 9.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.513 ± 31.314 χ^2/NDF : 30.0/26

eigen_dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 99.800+/-0.033 χ^2/NDF : 648710.4/11

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

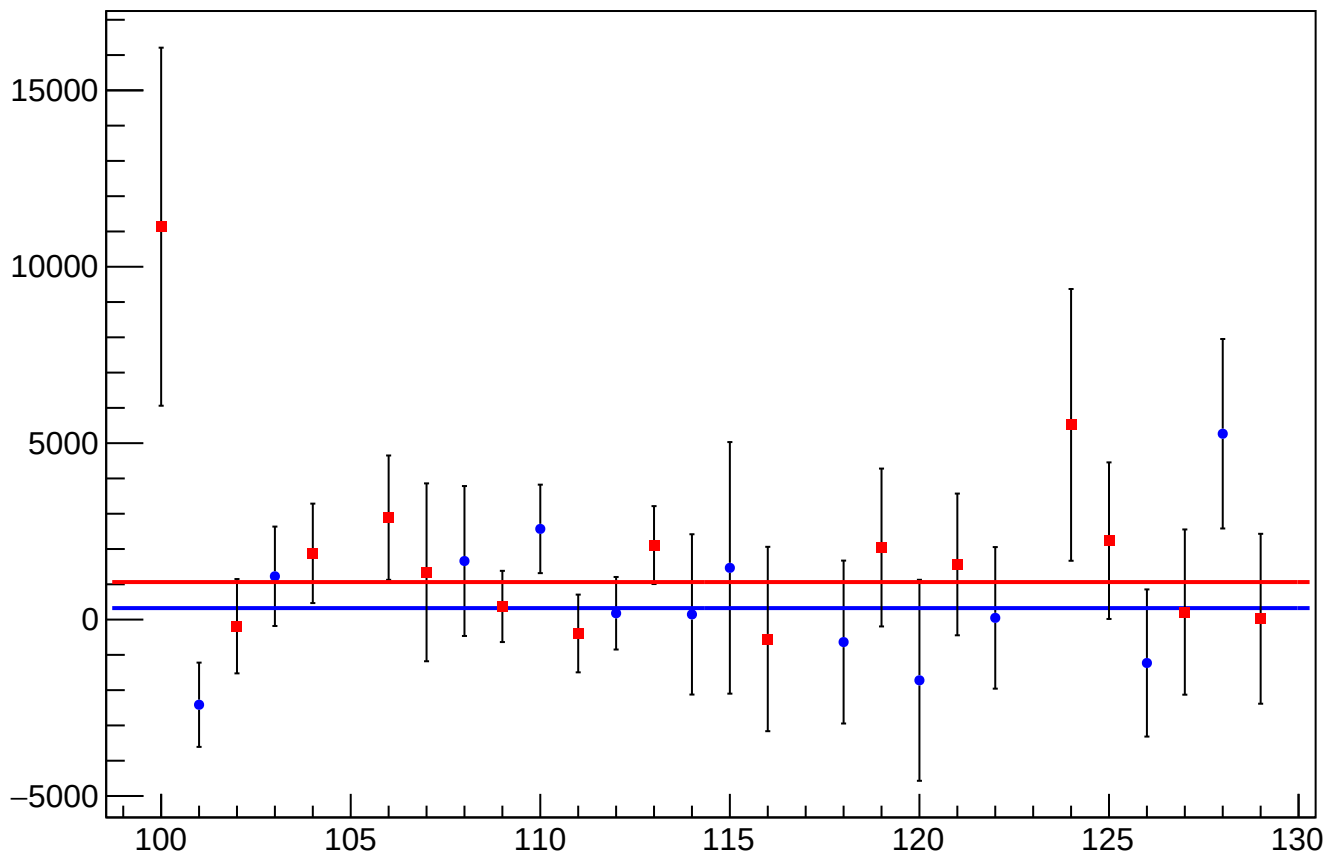
Right: 98.581+/-0.022 χ^2/NDF : 1424104.1/26

In: 99.800+/-0.033 χ^2/NDF : 648710.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.581+/-0.022 χ^2/NDF : 1424104.1/26

asym_sam_3748_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 325.302 $\pm$ 487.417 χ^2 /NDF: 14.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 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

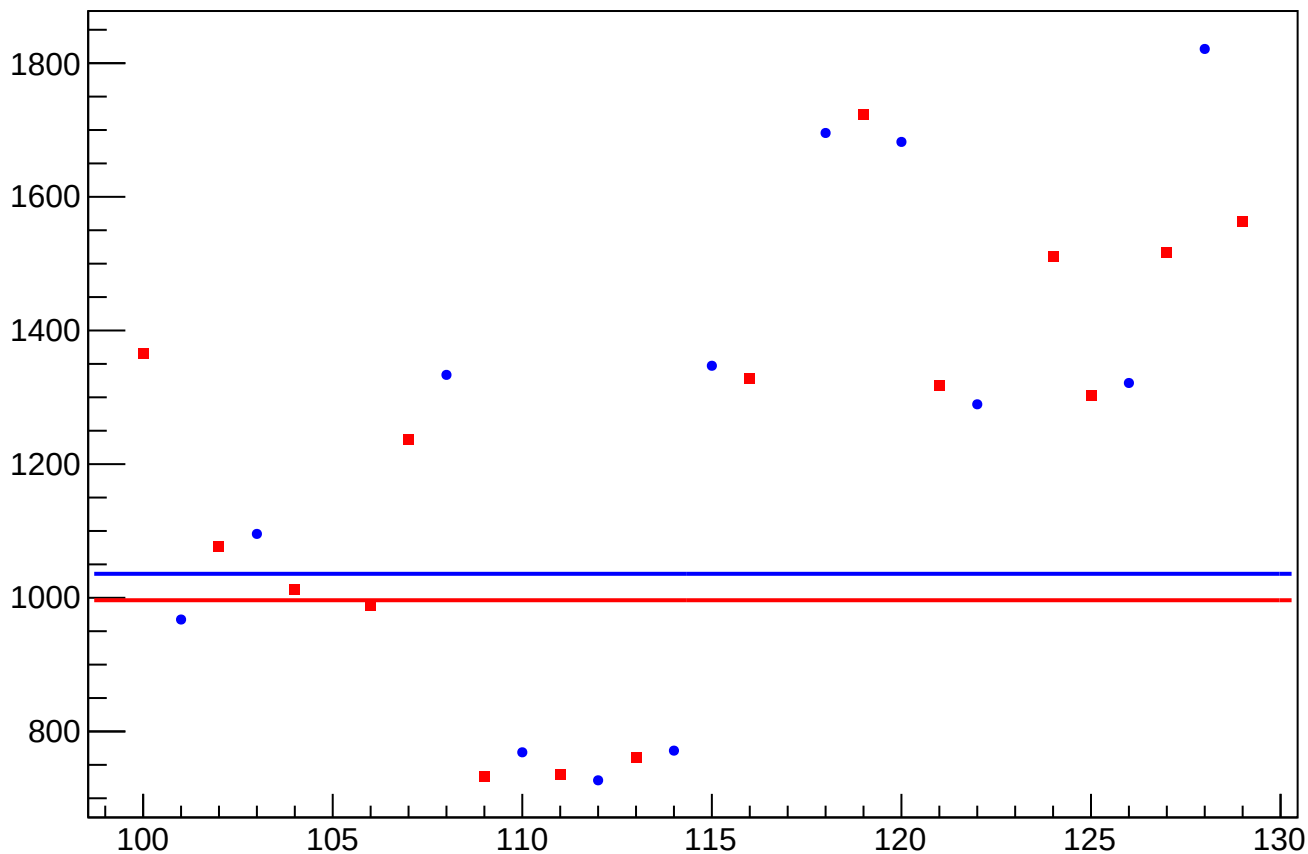
Right: 740.942 $\pm$ 322.136 χ^2 /NDF: 27.3/26

In: 325.302 $\pm$ 487.417 χ^2 /NDF:14.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 740.942 $\pm$ 322.136 χ^2 /NDF: 27.3/26

asym_sam_3748_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1035.898+/-0.345 χ^2/NDF : 870091.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

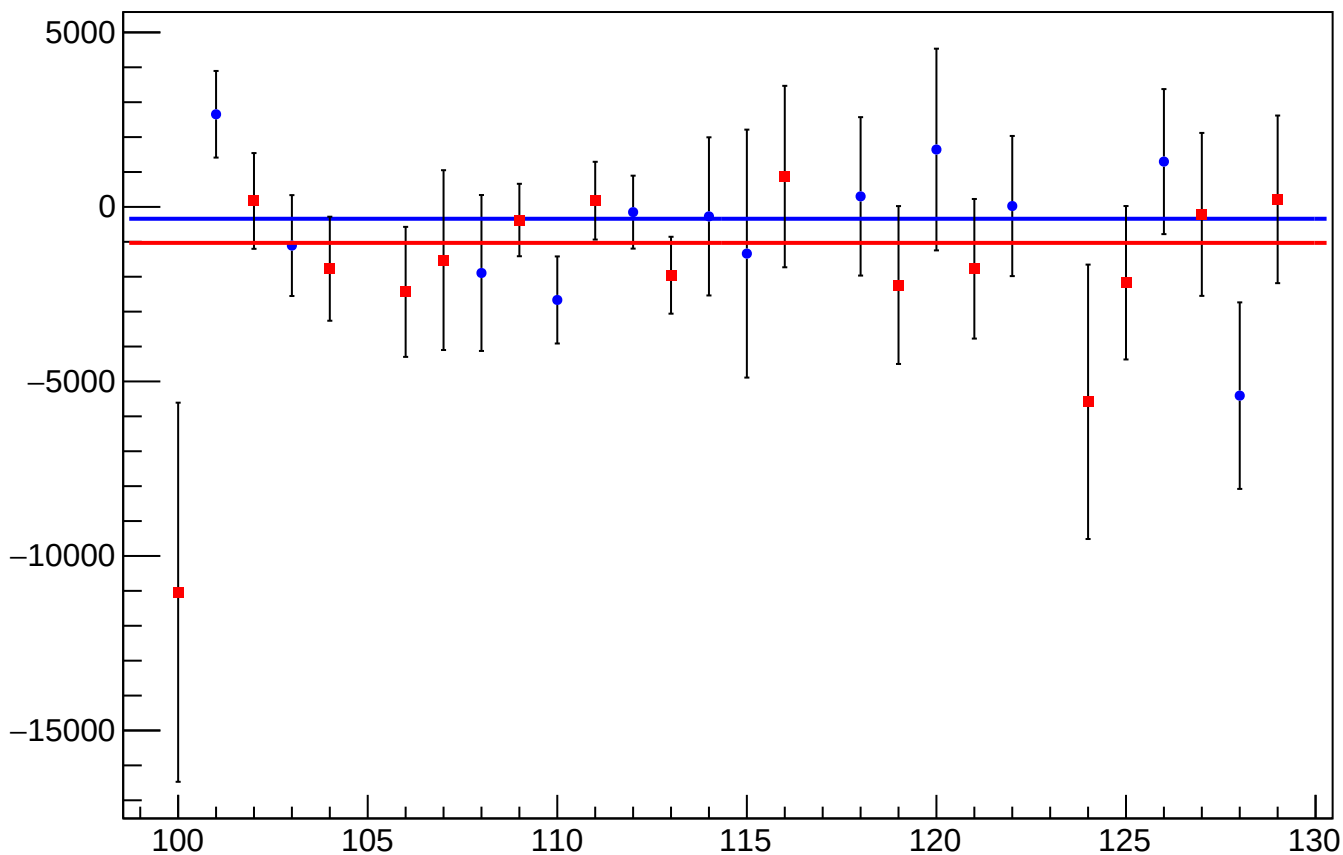
Right: 1013.622+/-0.228 χ^2/NDF : 1830081.7/26

In: 1035.898+/-0.345 χ^2/NDF : 870091.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1013.622+/-0.228 χ^2/NDF : 1830081.7/26

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -339.421+/-494.153 χ^2/NDF : 15.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

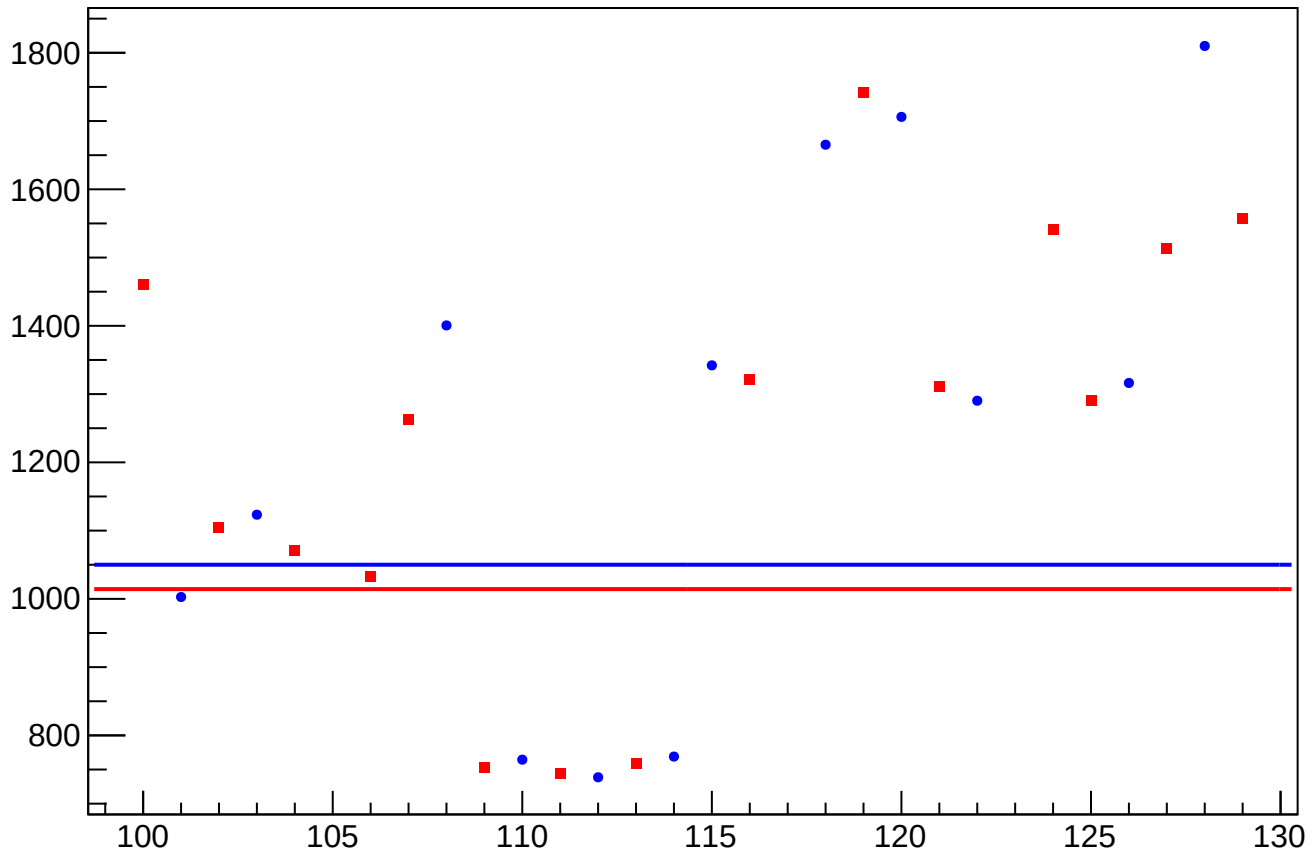
Right: -727.158+/-327.372 χ^2/NDF : 26.3/26

In: -339.421+/-494.153 χ^2/NDF : 15.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -727.158+/-327.372 χ^2/NDF : 26.3/26

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 1050.024+/-0.349 χ^2/NDF : 857541.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

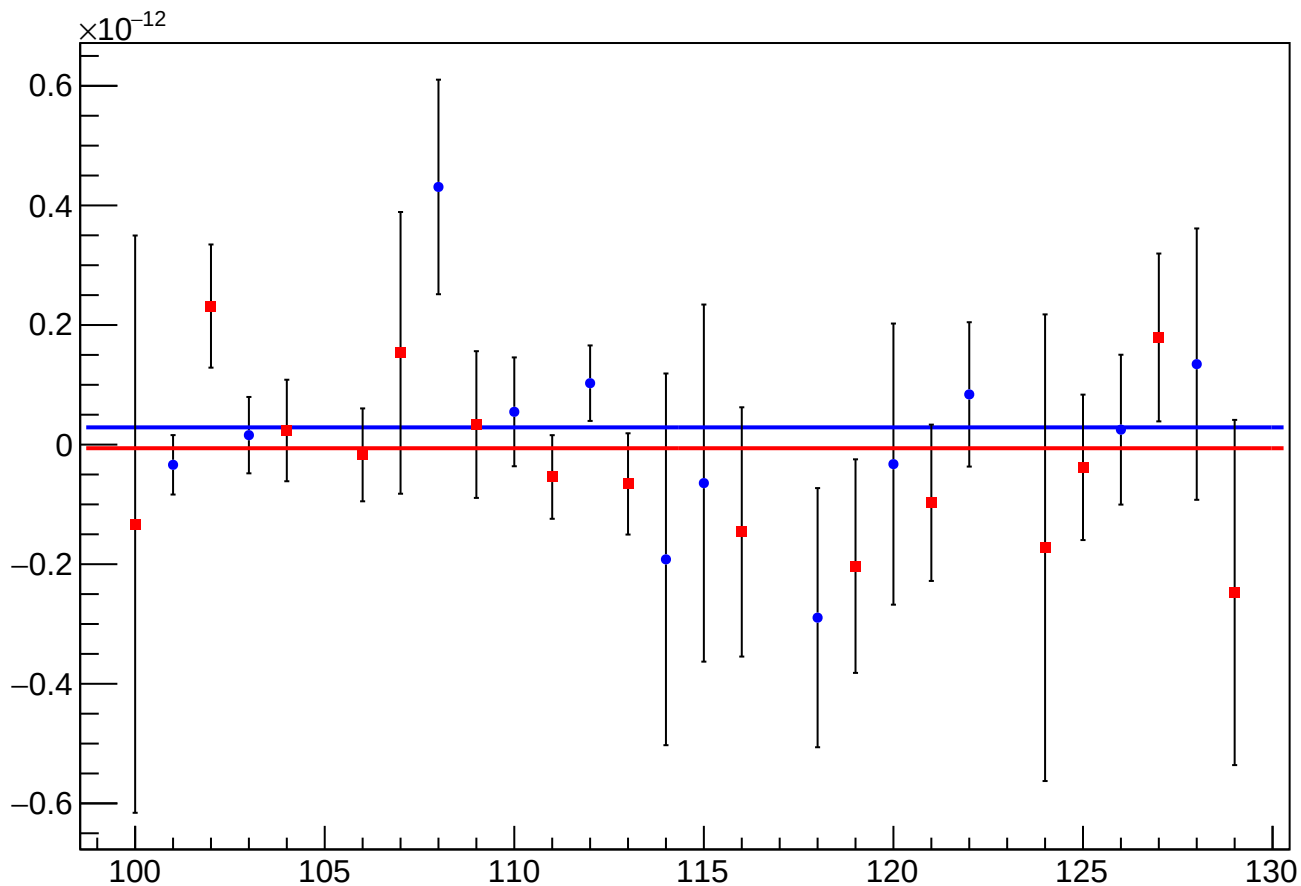
Right: 1029.978+/-0.231 χ^2/NDF : 1798322.9/26

In: 1050.024+/-0.349 χ^2/NDF : 857541.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1029.978+/-0.231 χ^2/NDF : 1798322.9/26

asym_sam_3748_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

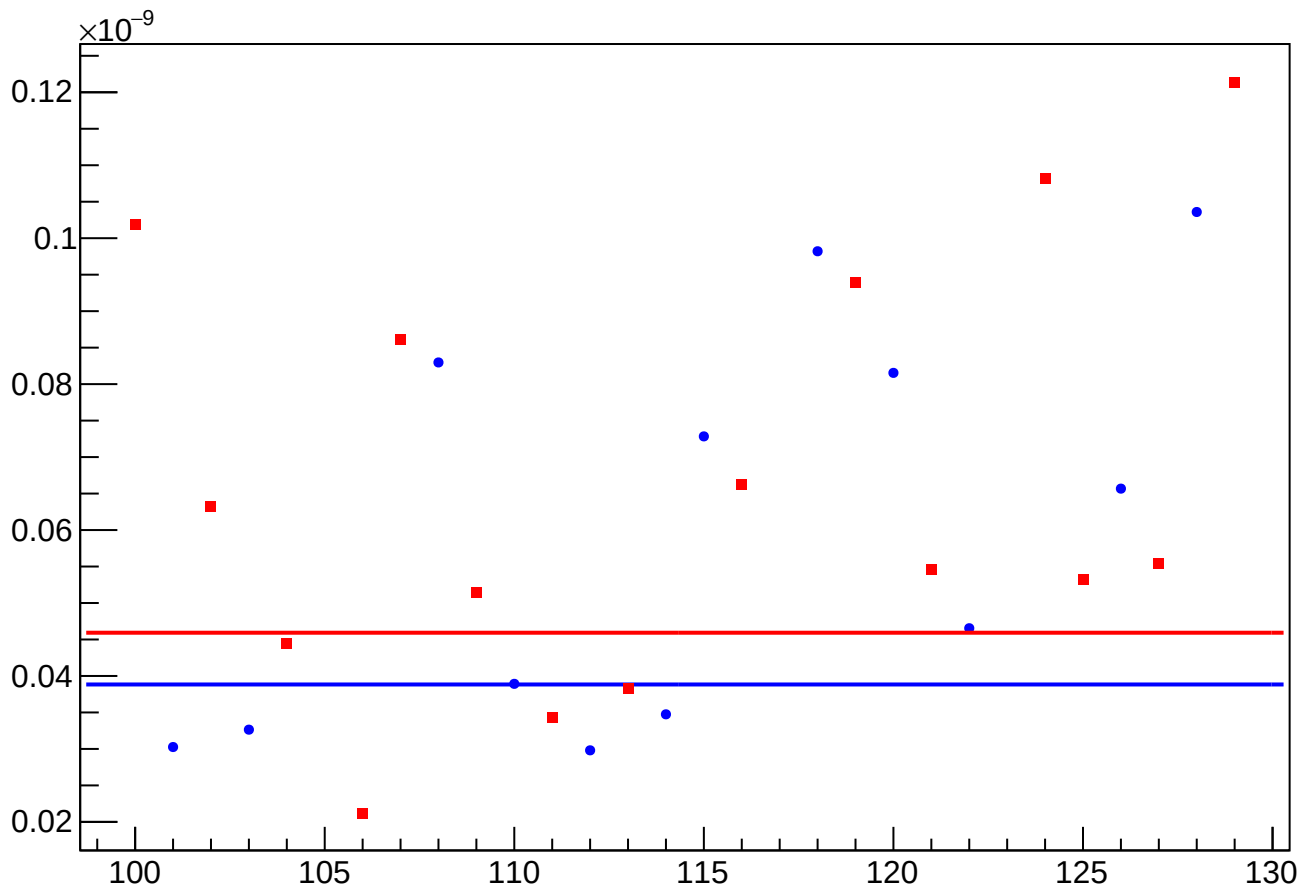
Right: 0.000+/-0.000 χ^2/NDF : 24.0/26

In: 0.000+/-0.000 χ^2/NDF : 11.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.0/26

asym_sam_3748_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 745528.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

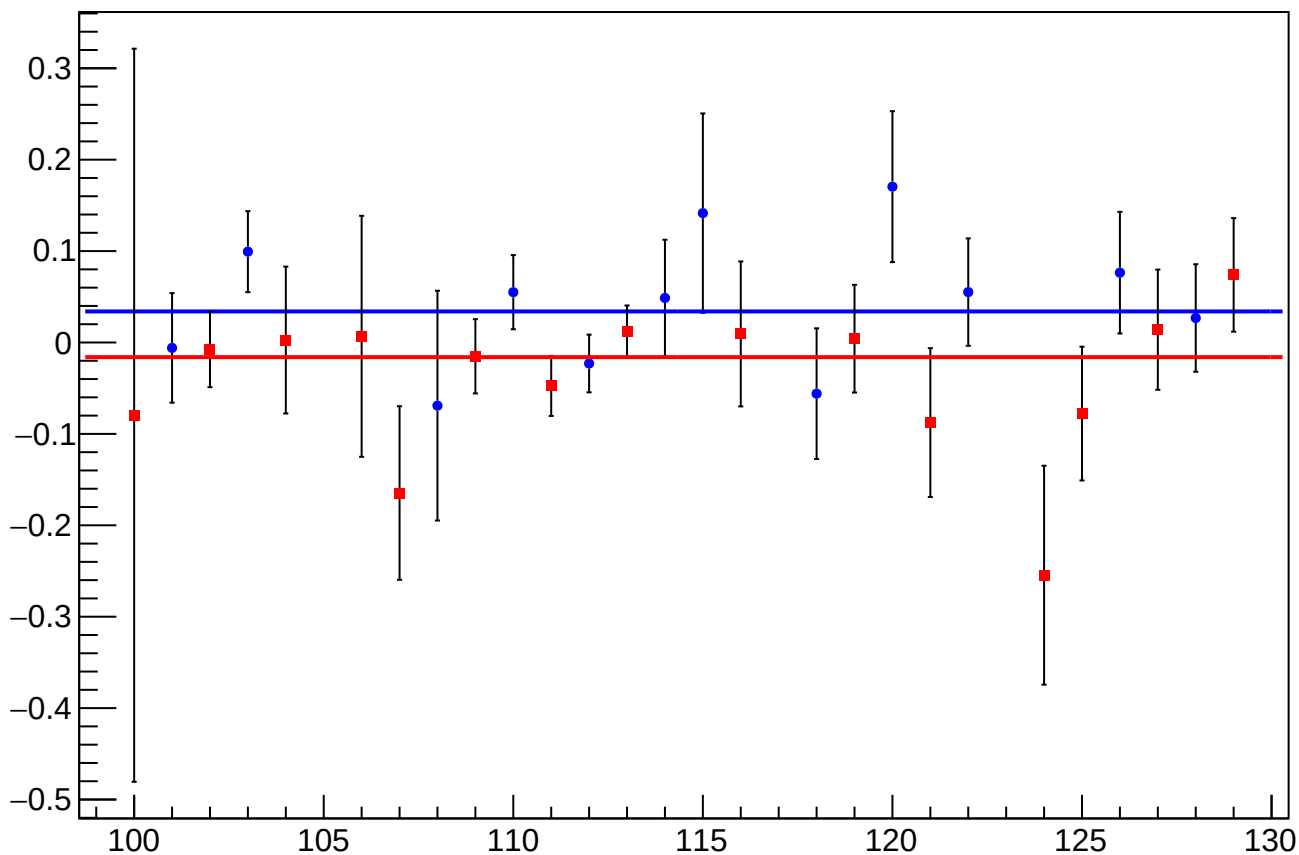
Right: 0.000+/-0.000 χ^2/NDF : 1601420.4/26

In: 0.000+/-0.000 χ^2/NDF : 745528.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1601420.4/26

asym_sam_3748_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.034+/-0.016 χ^2/NDF : 12.7/11

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

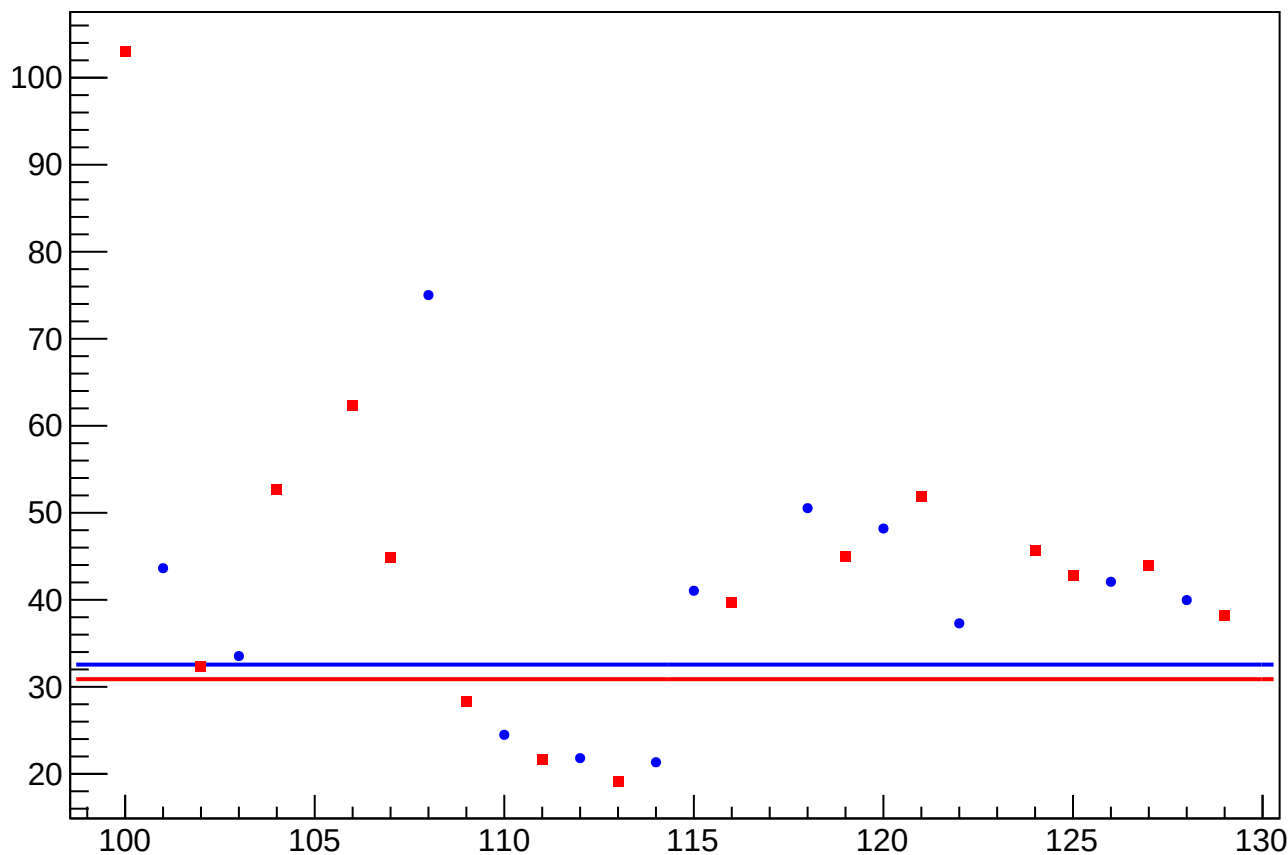
Right: 0.006+/-0.011 χ^2/NDF : 30.7/26

In: 0.034+/-0.016 χ^2/NDF : 12.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.011 χ^2/NDF : 30.7/26

asym_sam_3748_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.557 ± 0.011 χ^2/NDF : 966926.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 30.882 ± 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

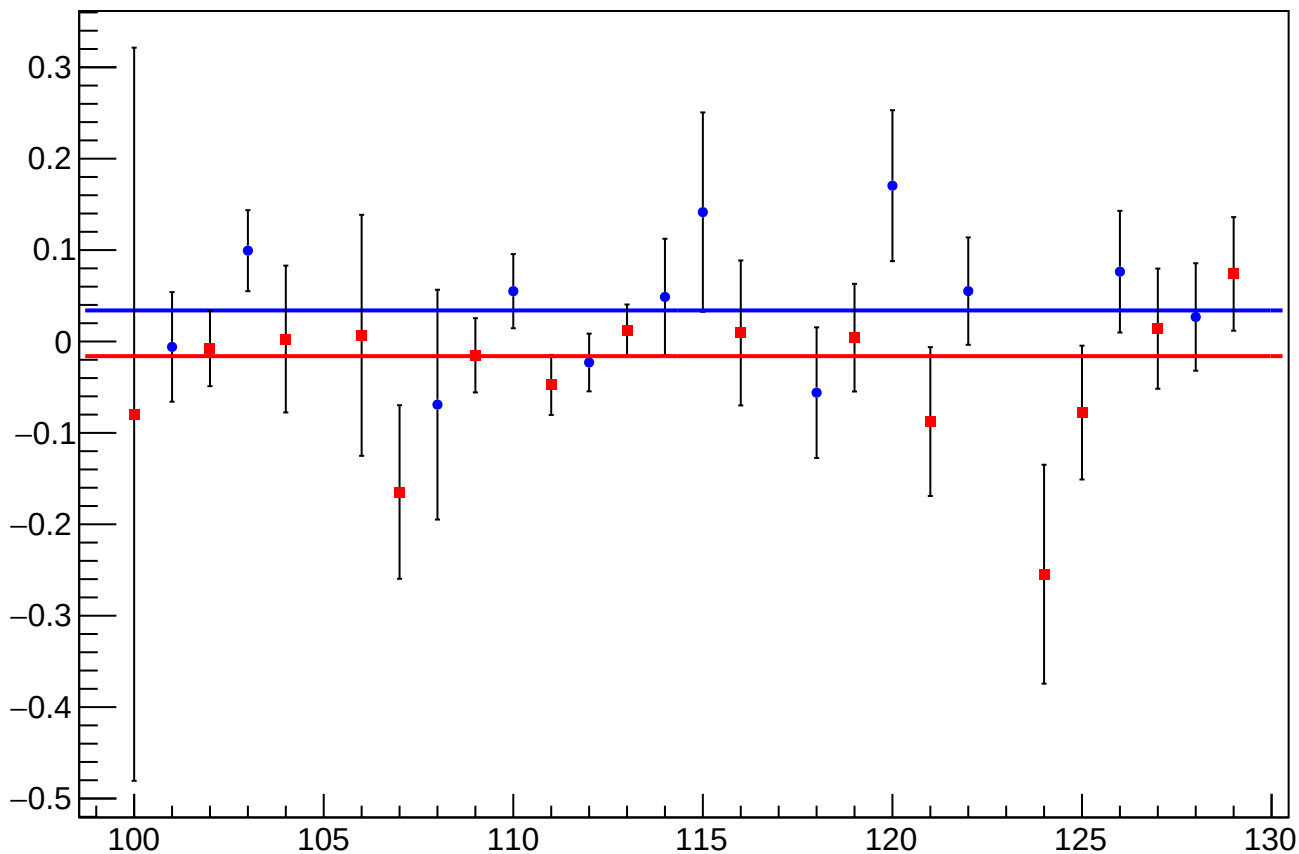
Right: 31.617 ± 0.007 χ^2/NDF : 2324227.0/26

In: 32.557 ± 0.011 χ^2/NDF : 966926.1/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 31.617 ± 0.007 χ^2/NDF : 2324227.0/26

asym_sam_3748_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.034 $\pm$ 0.016 χ^2 /NDF: 12.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.016 $\pm$ 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

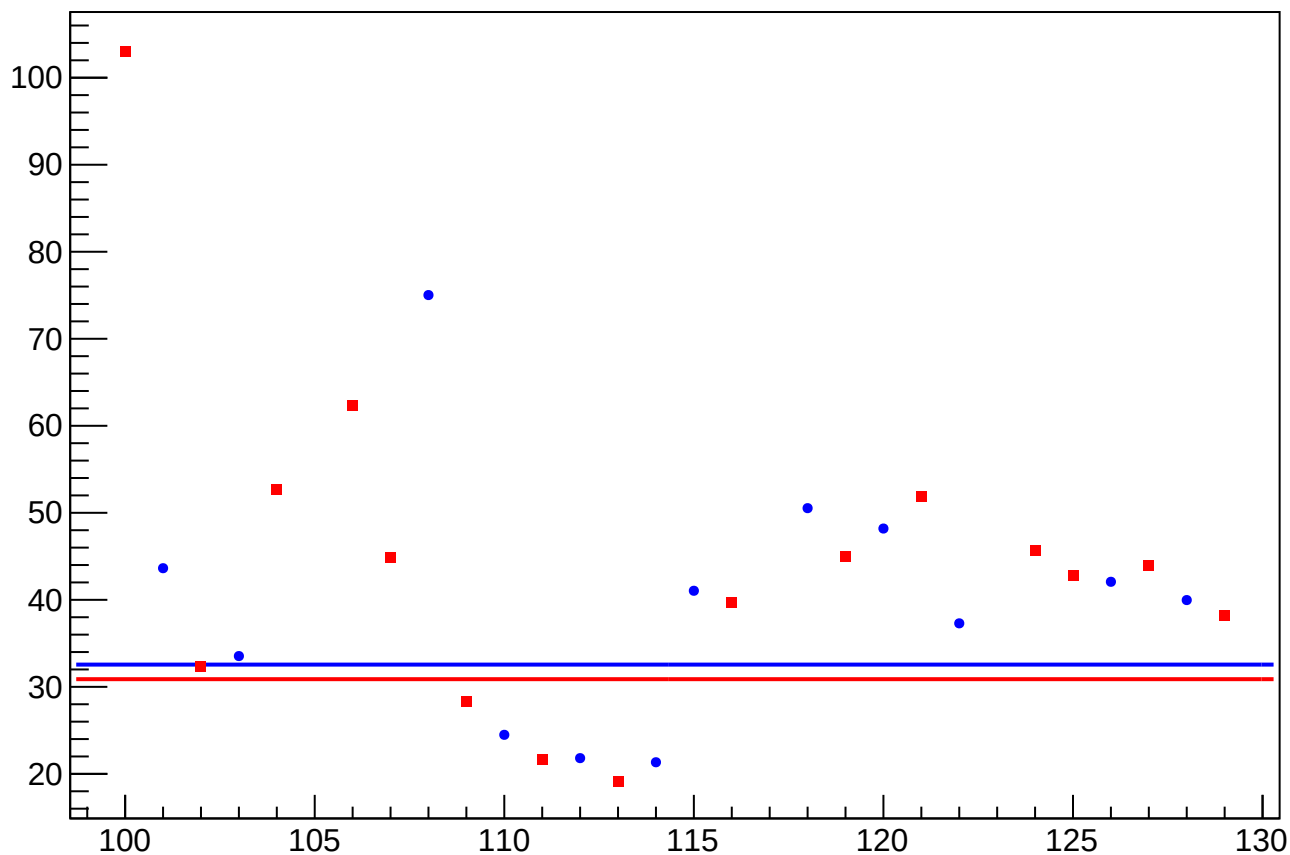
Right: 0.006 $\pm$ 0.011 χ^2 /NDF: 30.7/26

In: 0.034 $\pm$ 0.016 χ^2 /NDF:12.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.006 $\pm$ 0.011 χ^2 /NDF: 30.7/26

asym_sam_3748_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.557+/-0.011 χ^2/NDF : 966926.1/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 30.882+/-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

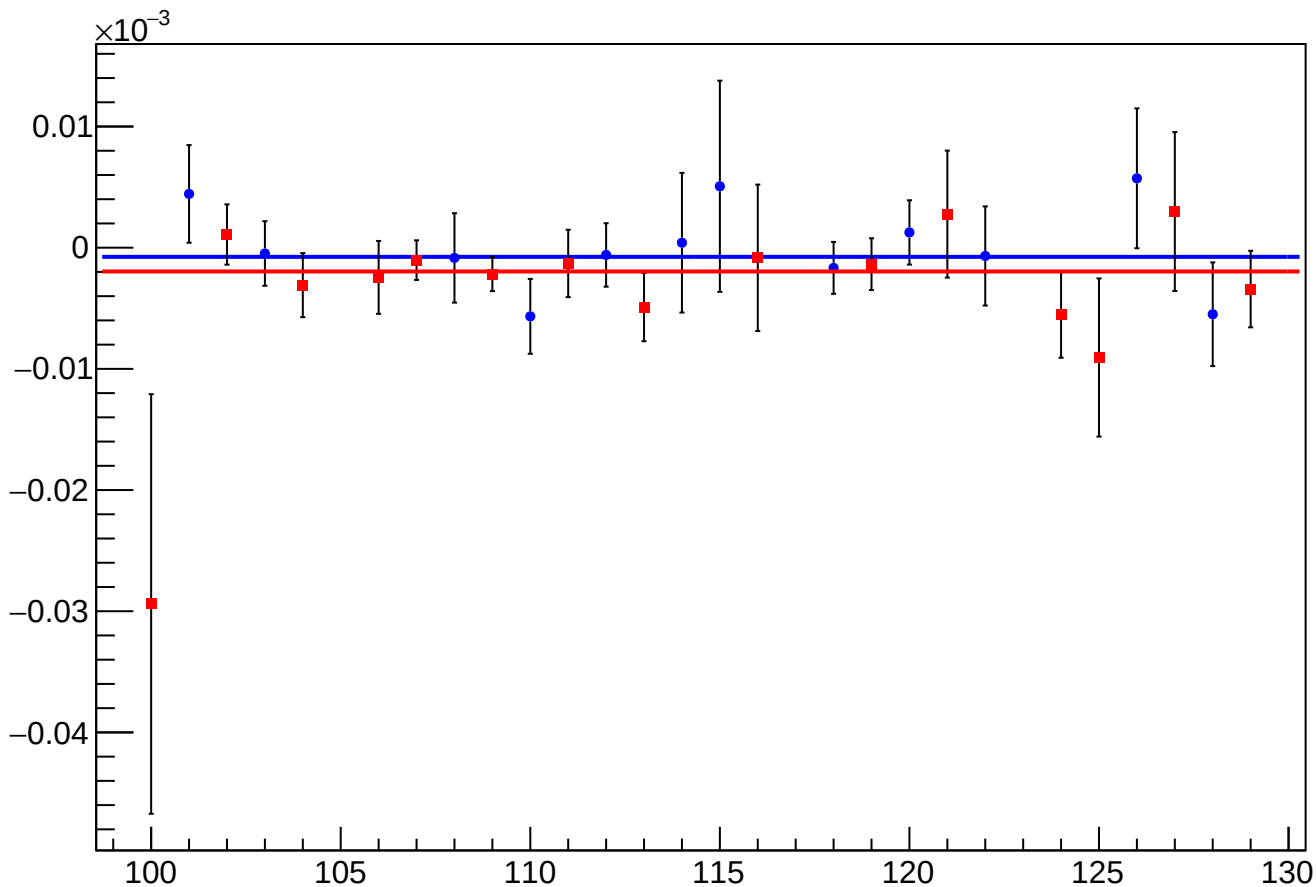
Right: 31.617+/-0.007 χ^2/NDF : 2324227.0/26

In: 32.557+/-0.011 χ^2/NDF :966926.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 31.617+/-0.007 χ^2/NDF : 2324227.0/26

asym_sam_3748_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

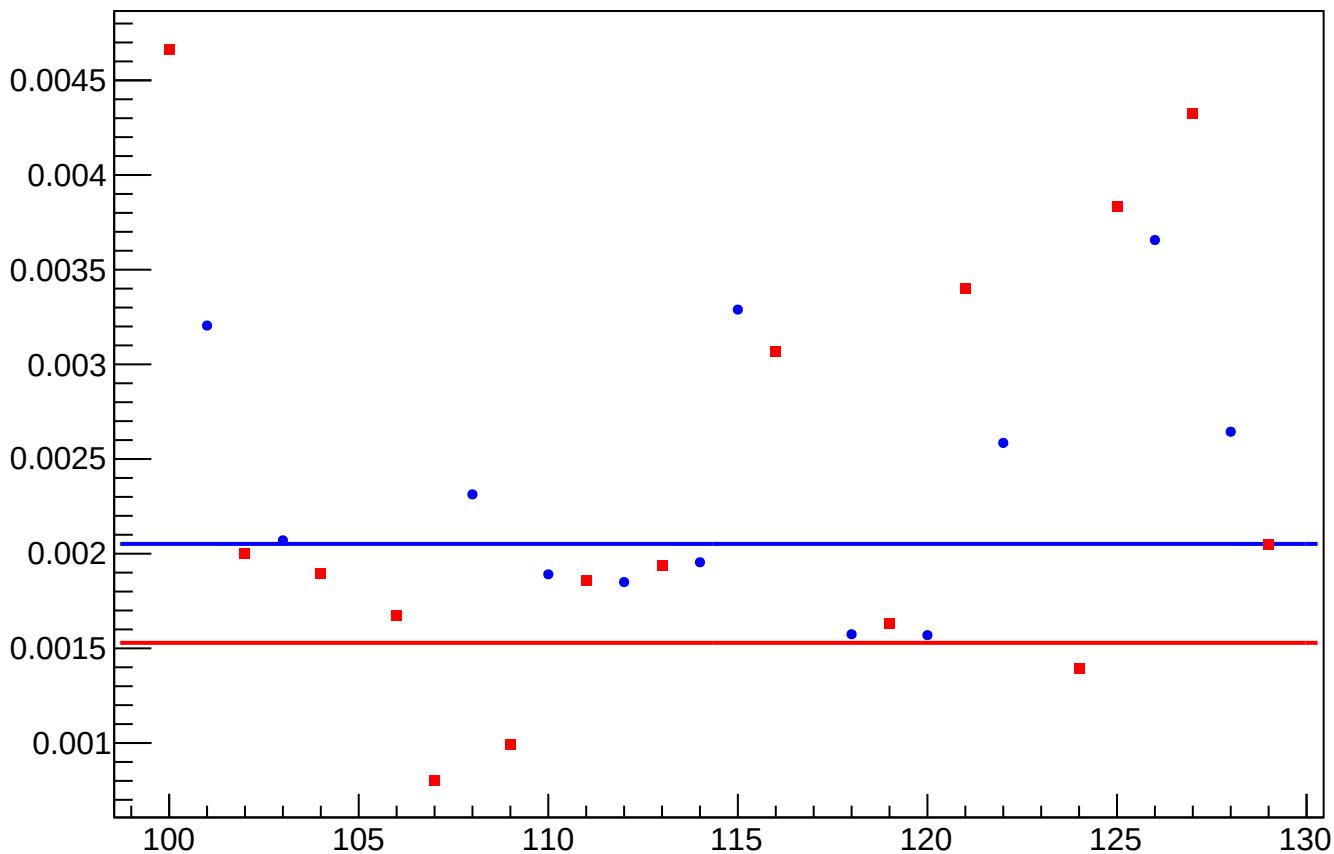
Right: -0.000+/-0.000 χ^2/NDF : 18.6/26

In: -0.000+/-0.000 χ^2/NDF : 7.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.6/26

asym_sam_3748_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 624370.1/11

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

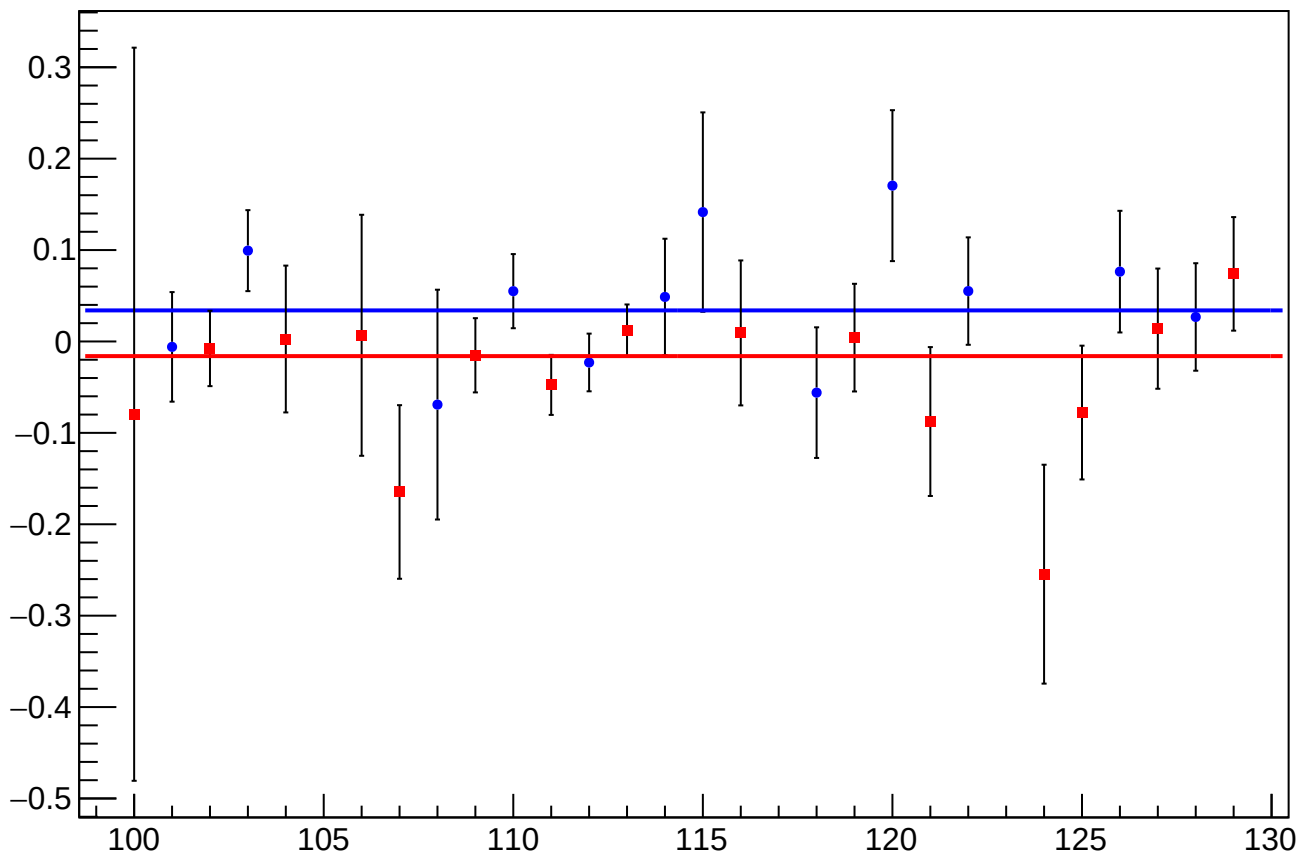
Right: 0.002+/-0.000 χ^2/NDF : 3007672.0/26

In: 0.002+/-0.000 χ^2/NDF : 624370.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3007672.0/26

asym_sam_3748_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.034+/-0.016 χ^2/NDF : 12.7/11

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

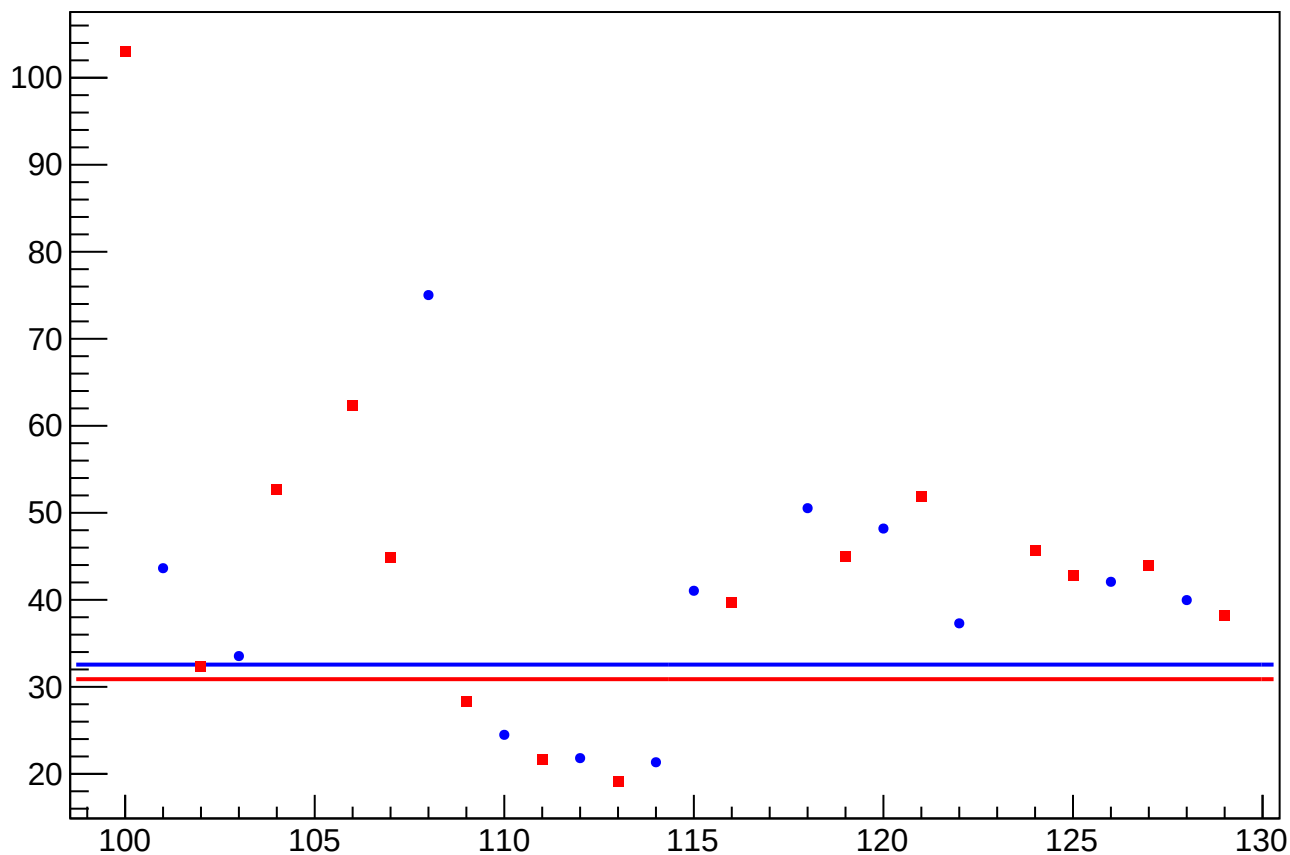
Right: 0.006+/-0.011 χ^2/NDF : 30.7/26

In: 0.034+/-0.016 χ^2/NDF : 12.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.011 χ^2/NDF : 30.7/26

asym_sam_3748_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.558 $\pm$ 0.011 χ^2 /NDF: 966908.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 30.883 $\pm$ 0.010 χ^2 /NDF: 1344846.2/14

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

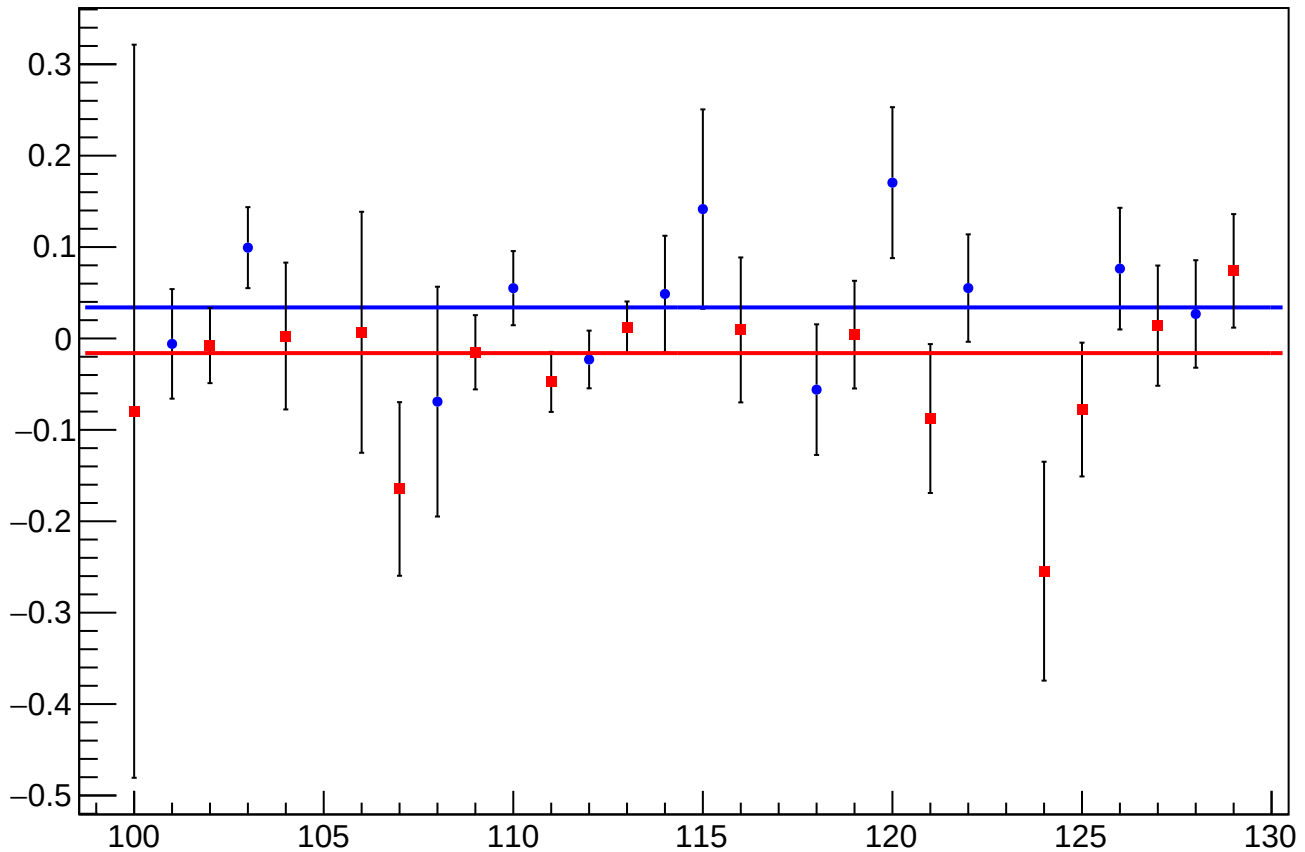
Right: 31.617 $\pm$ 0.007 χ^2 /NDF: 2324171.4/26

In: 32.558 $\pm$ 0.011 χ^2 /NDF:966908.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 31.617 $\pm$ 0.007 χ^2 /NDF: 2324171.4/26

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.034 $\pm$ 0.016 χ^2 /NDF: 12.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.016 $\pm$ 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

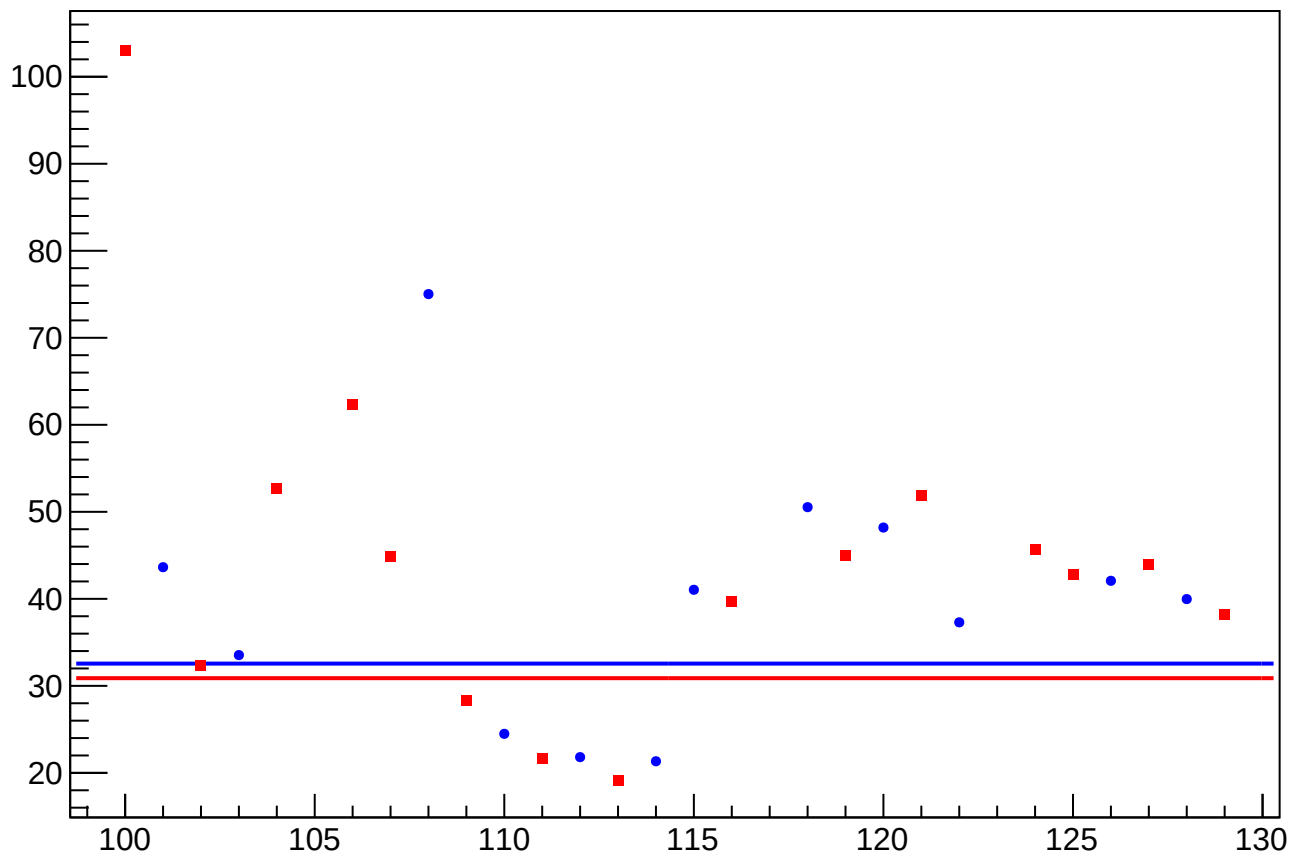
Right: 0.006 $\pm$ 0.011 χ^2 /NDF: 30.7/26

In: 0.034 $\pm$ 0.016 χ^2 /NDF:12.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.006 $\pm$ 0.011 χ^2 /NDF: 30.7/26

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.558+/-0.011 χ^2/NDF : 966908.6/11

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

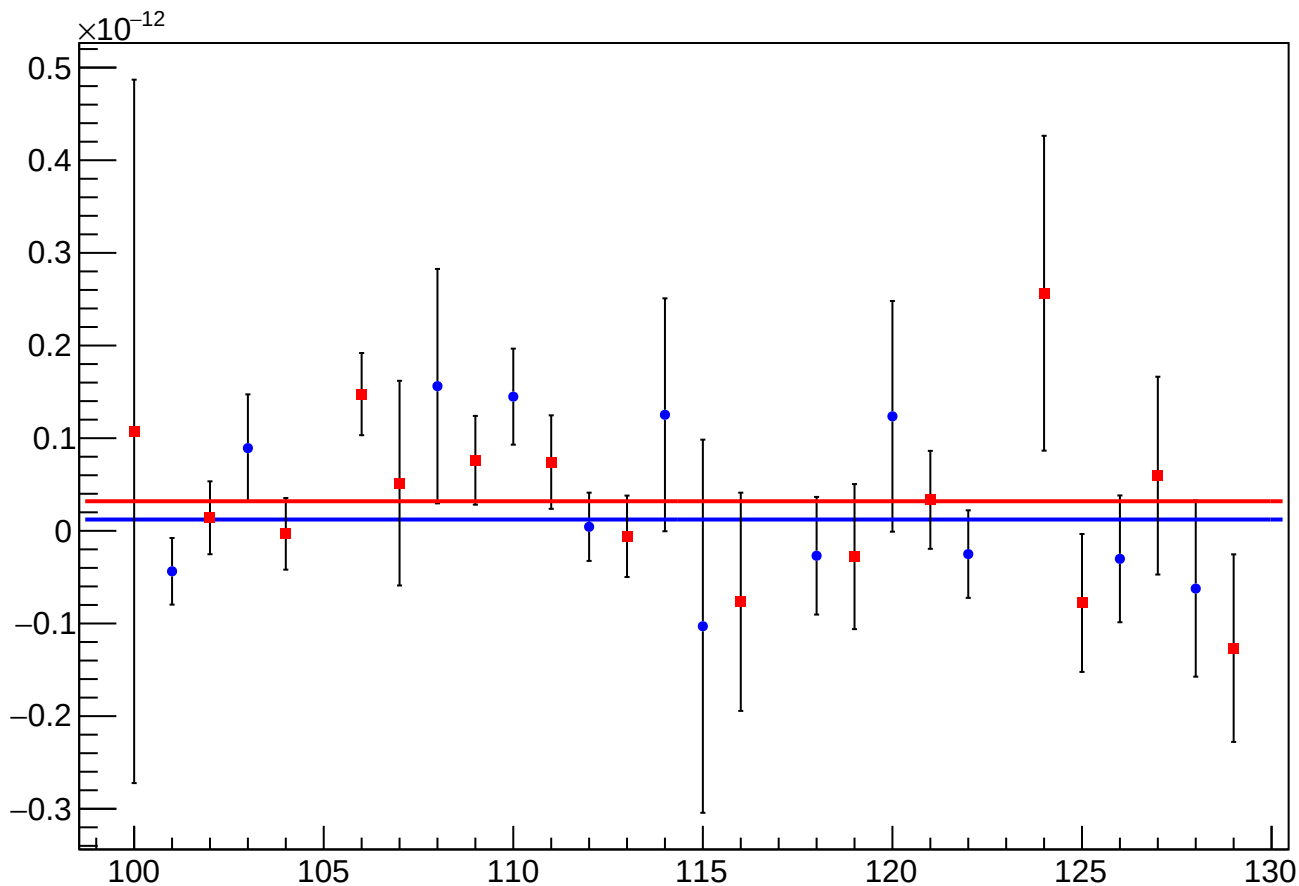
Right: 31.617+/-0.007 χ^2/NDF : 2324171.4/26

In: 32.558+/-0.011 χ^2/NDF : 966908.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.617+/-0.007 χ^2/NDF : 2324171.4/26

asym_sam_3748_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

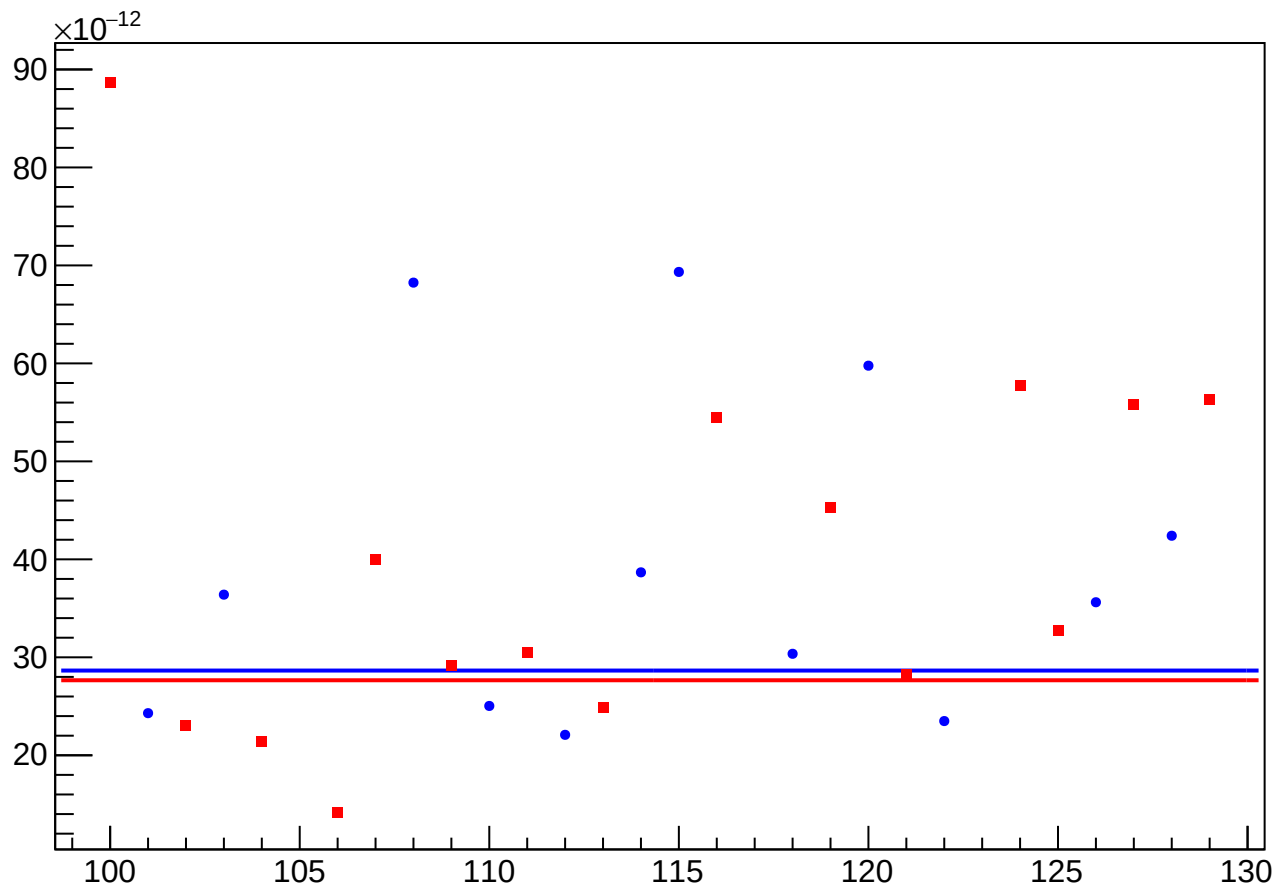
Right: 0.000+/-0.000 χ^2/NDF : 34.8/26

In: 0.000+/-0.000 χ^2/NDF : 16.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 34.8/26

asym_sam_3748_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 641159.4/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

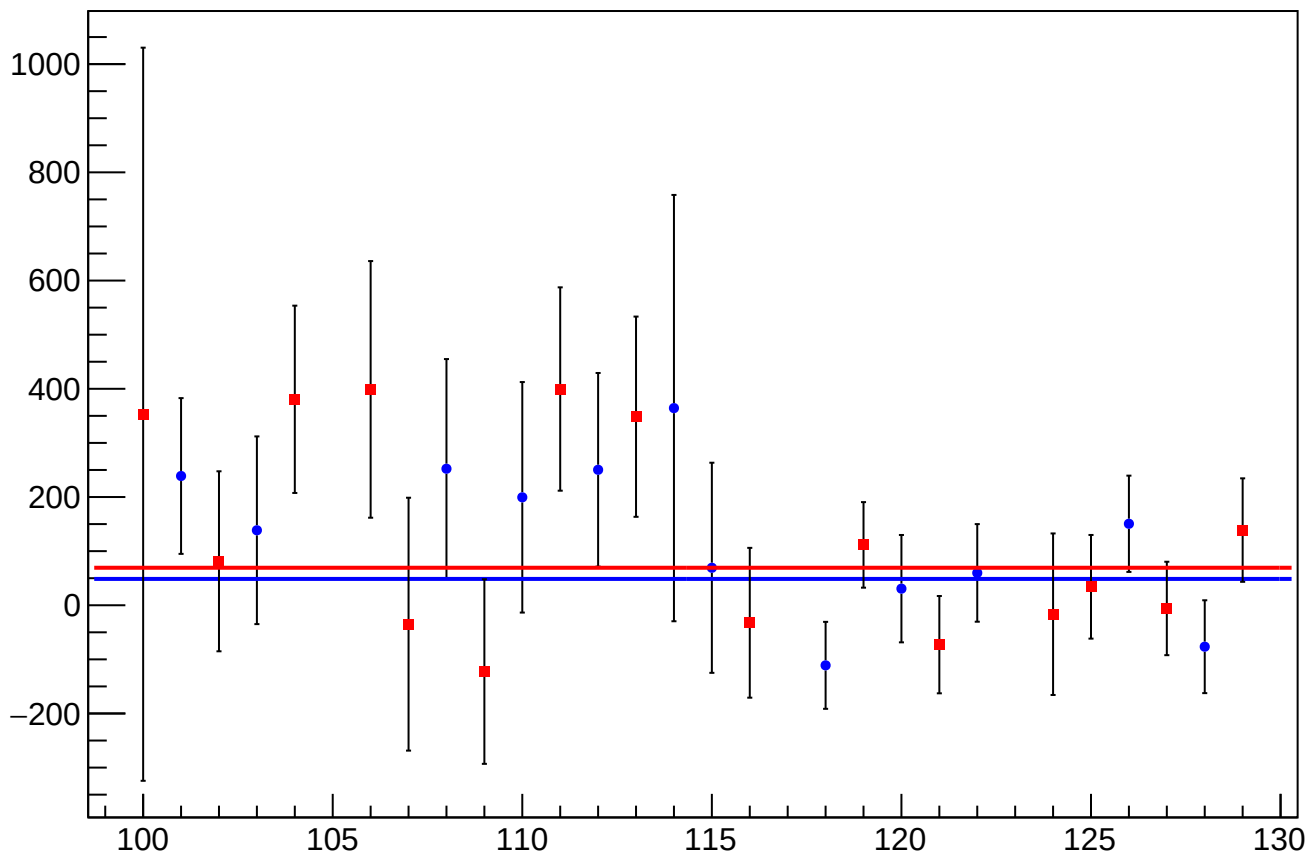
Right: 0.000+/-0.000 χ^2/NDF : 1580390.1/26

In: 0.000+/-0.000 χ^2/NDF :641159.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1580390.1/26

reg_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 48.664+/-34.632 χ^2/NDF : 12.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

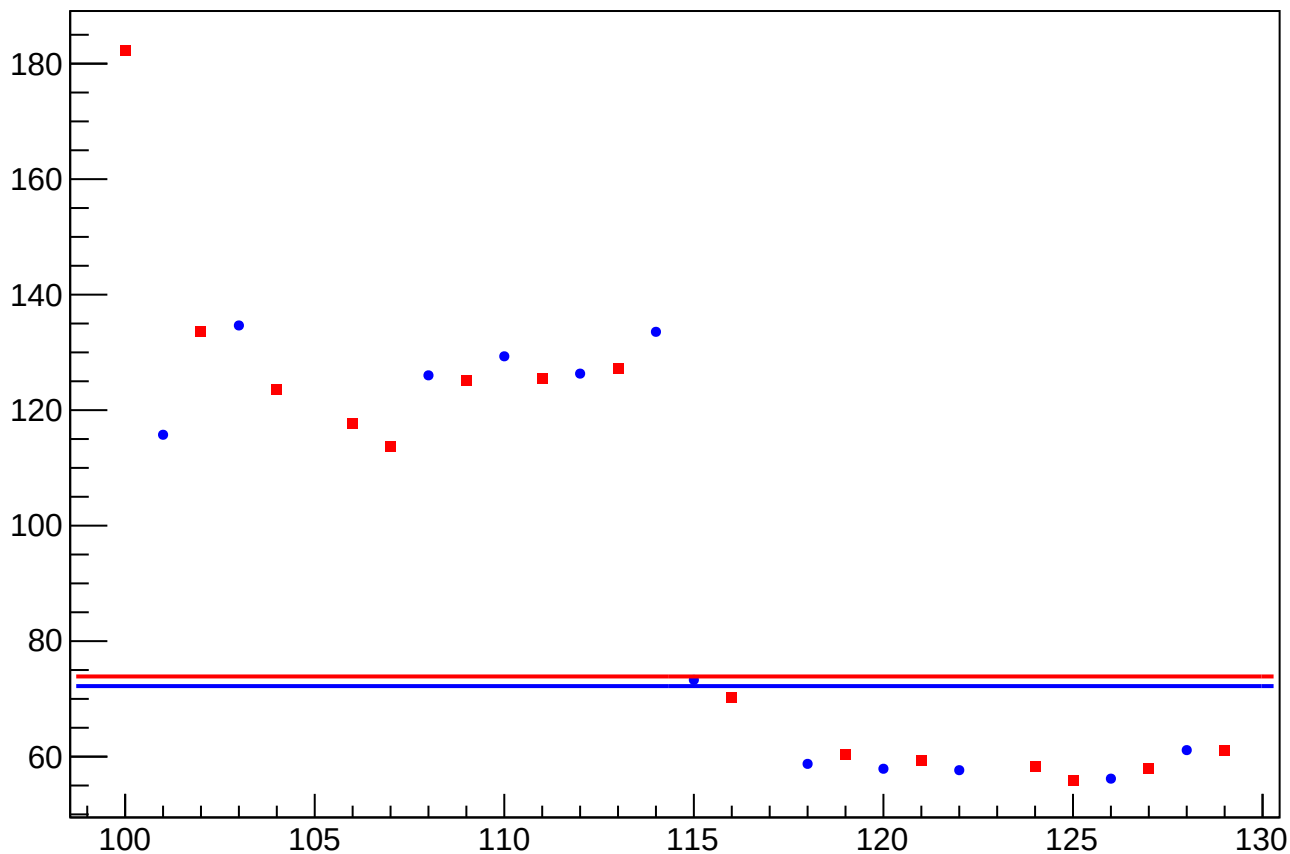
Right: 59.567+/-23.790 χ^2/NDF : 30.3/26

In: 48.664+/-34.632 χ^2/NDF : 12.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.567+/-23.790 χ^2/NDF : 30.3/26

reg_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 72.216+/-0.024 χ^2/NDF : 1206650.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

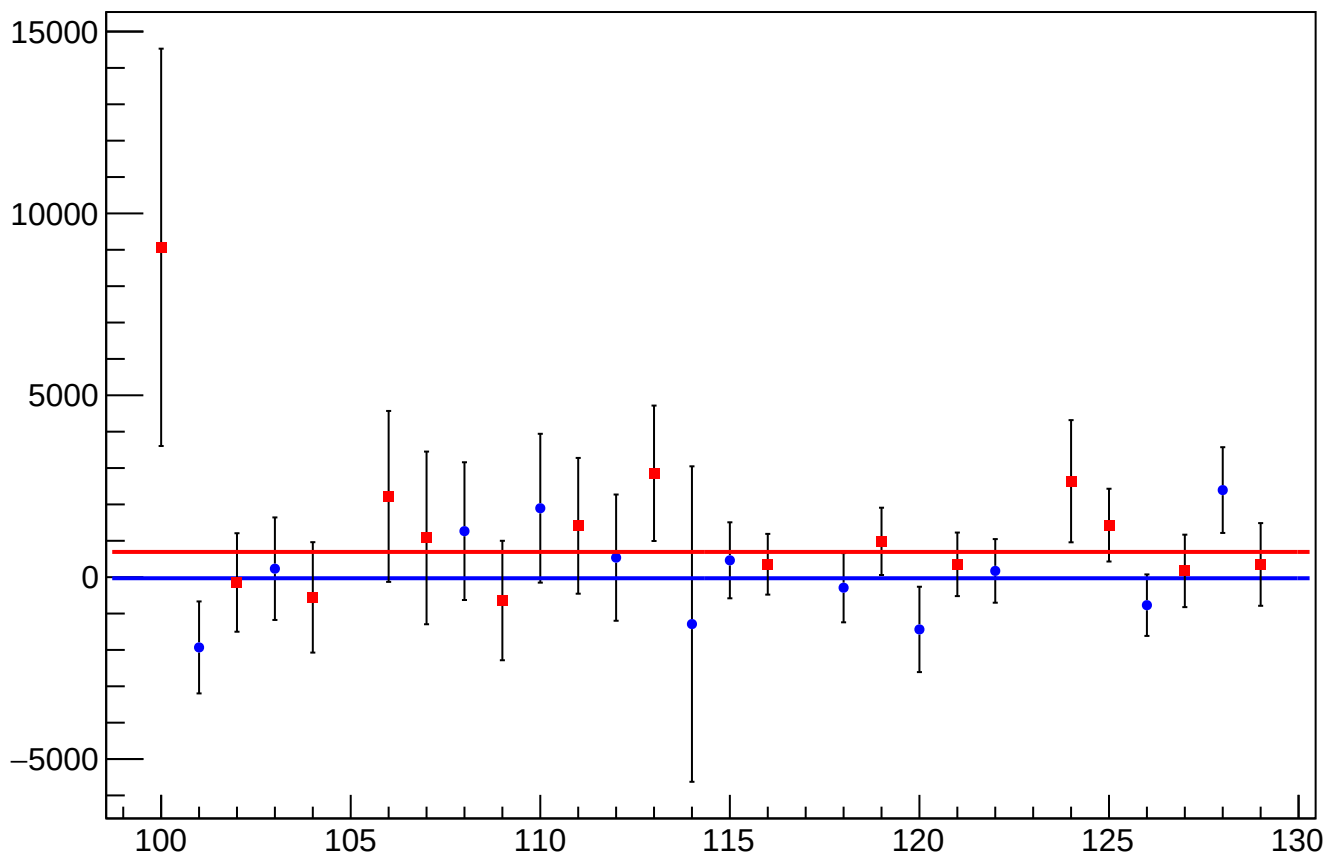
Right: 73.097+/-0.017 χ^2/NDF : 2615140.2/26

In: 72.216+/-0.024 χ^2/NDF : 1206650.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.097+/-0.017 χ^2/NDF : 2615140.2/26

asym_sam_1526_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -29.385 ± 349.106 χ^2/NDF : 10.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 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

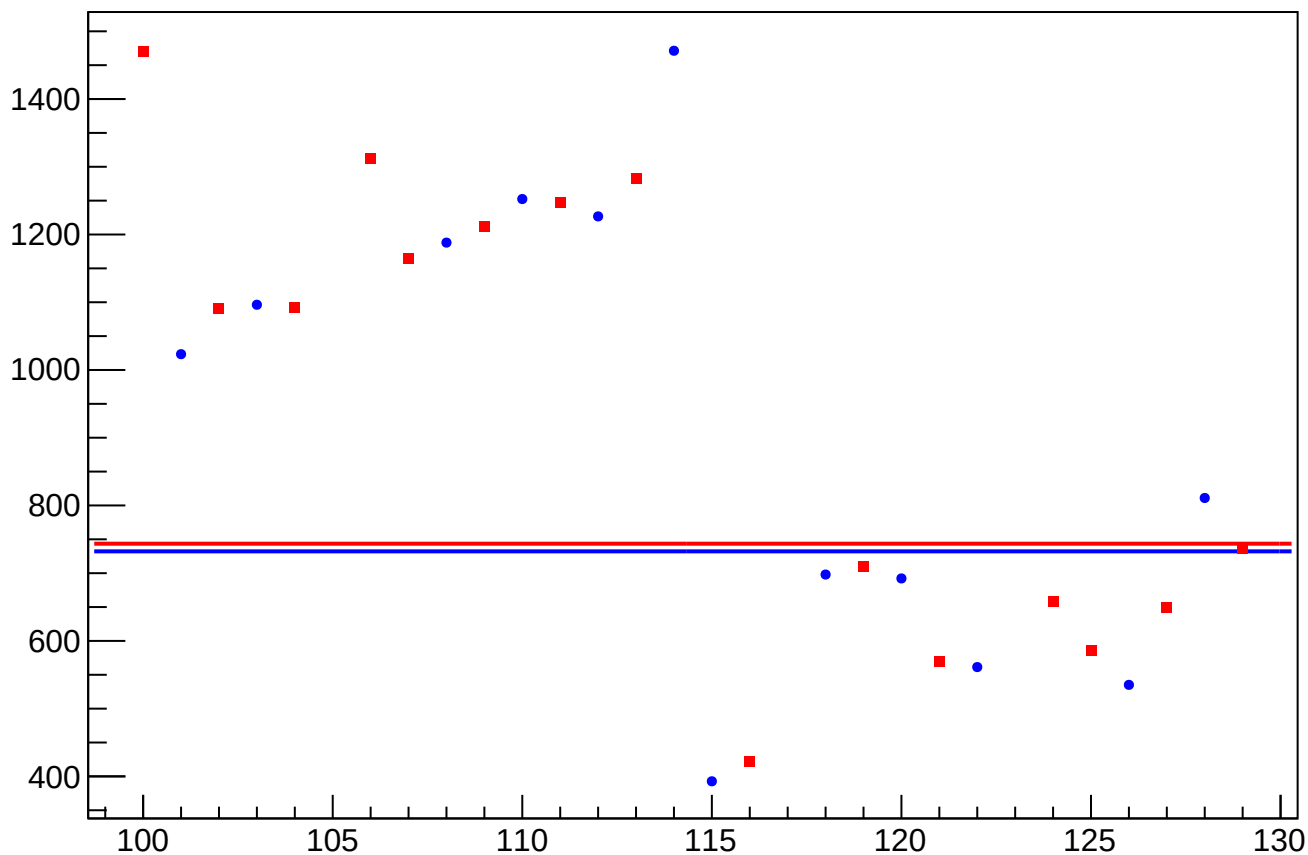
Right: 356.232 ± 238.549 χ^2/NDF : 21.6/26

In: -29.385 ± 349.106 χ^2/NDF : 10.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 356.232 ± 238.549 χ^2/NDF : 21.6/26

asym_sam_1526_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 732.224+/-0.247 χ^2/NDF : 1115296.0/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

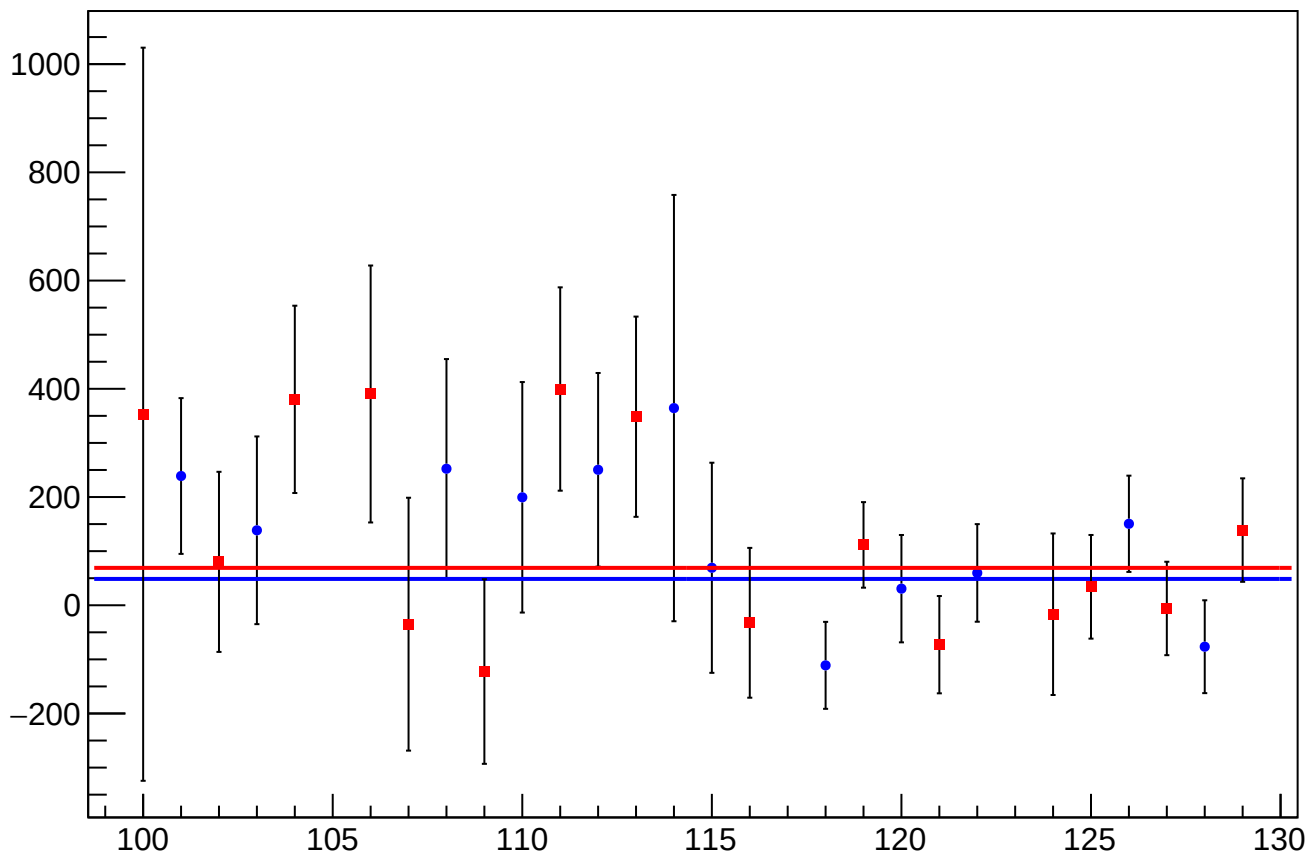
Right: 738.256+/-0.169 χ^2/NDF : 2497049.9/26

In: 732.224+/-0.247 χ^2/NDF :1115296.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 738.256+/-0.169 χ^2/NDF : 2497049.9/26

cor_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 48.658+/-34.632 χ^2/NDF : 12.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

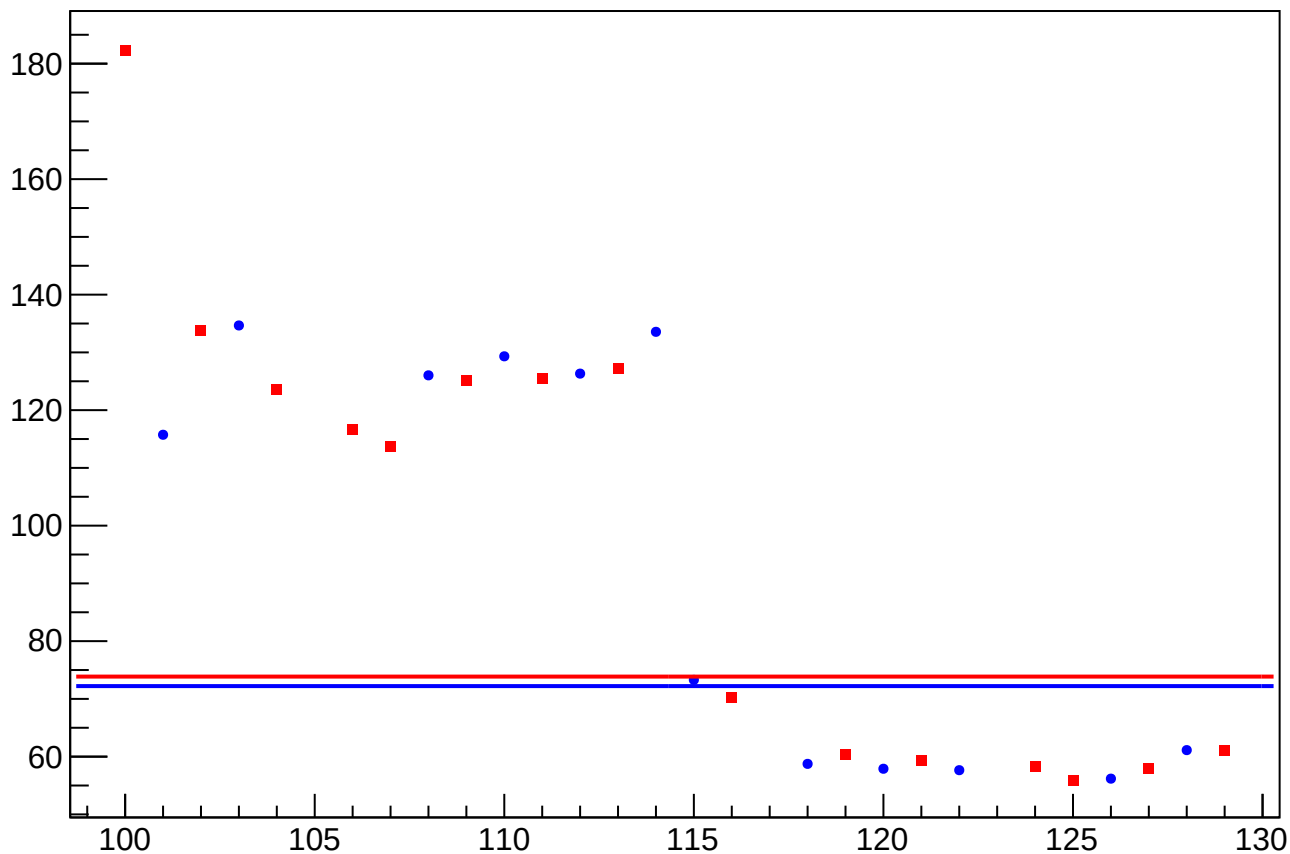
Right: 59.445+/-23.791 χ^2/NDF : 30.2/26

In: 48.658+/-34.632 χ^2/NDF : 12.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.445+/-23.791 χ^2/NDF : 30.2/26

cor_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 72.216+/-0.024 χ^2/NDF : 1206652.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

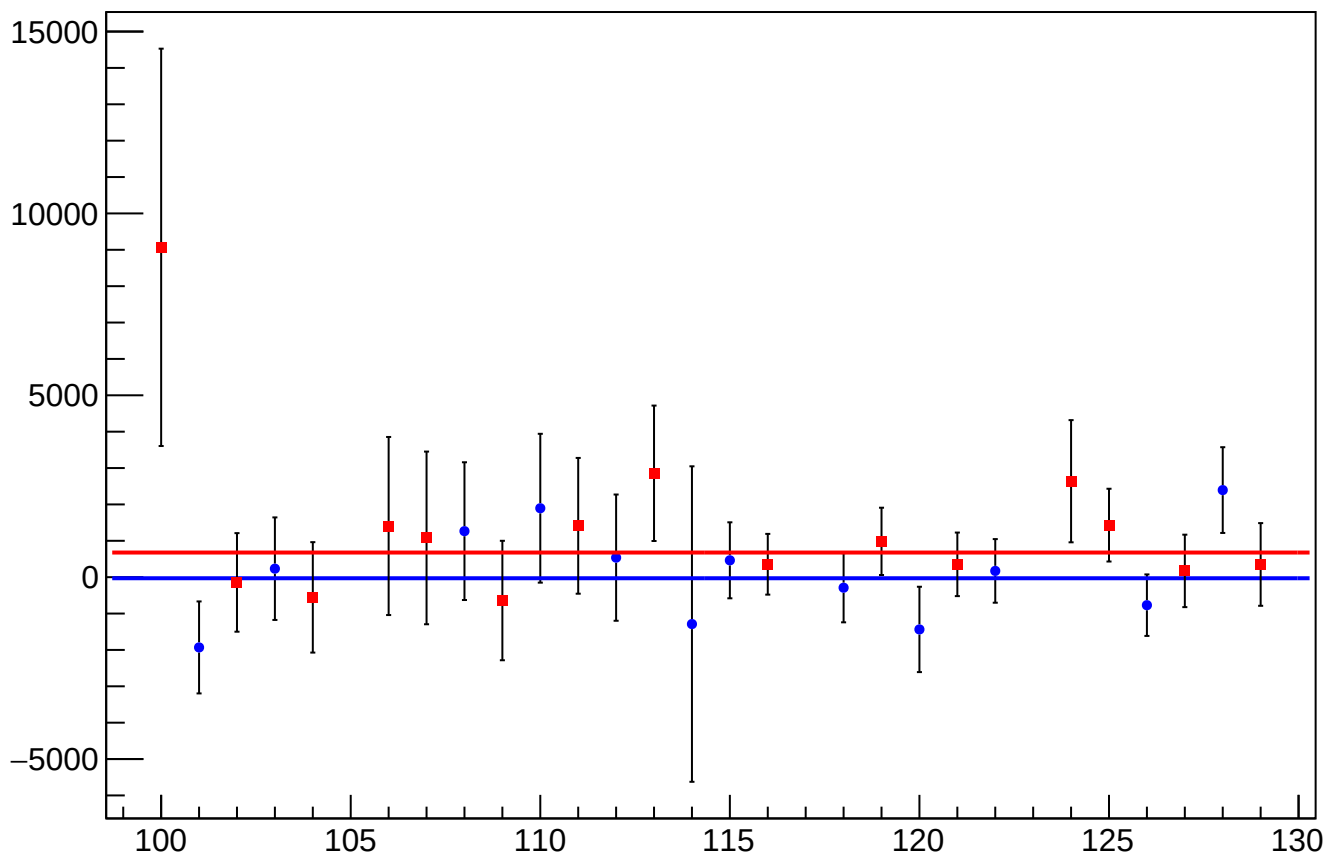
Right: 73.086+/-0.017 χ^2/NDF : 2612151.6/26

In: 72.216+/-0.024 χ^2/NDF : 1206652.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.086+/-0.017 χ^2/NDF : 2612151.6/26

asym_sam_1526_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -29.349 ± 349.107 χ^2/NDF : 10.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 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

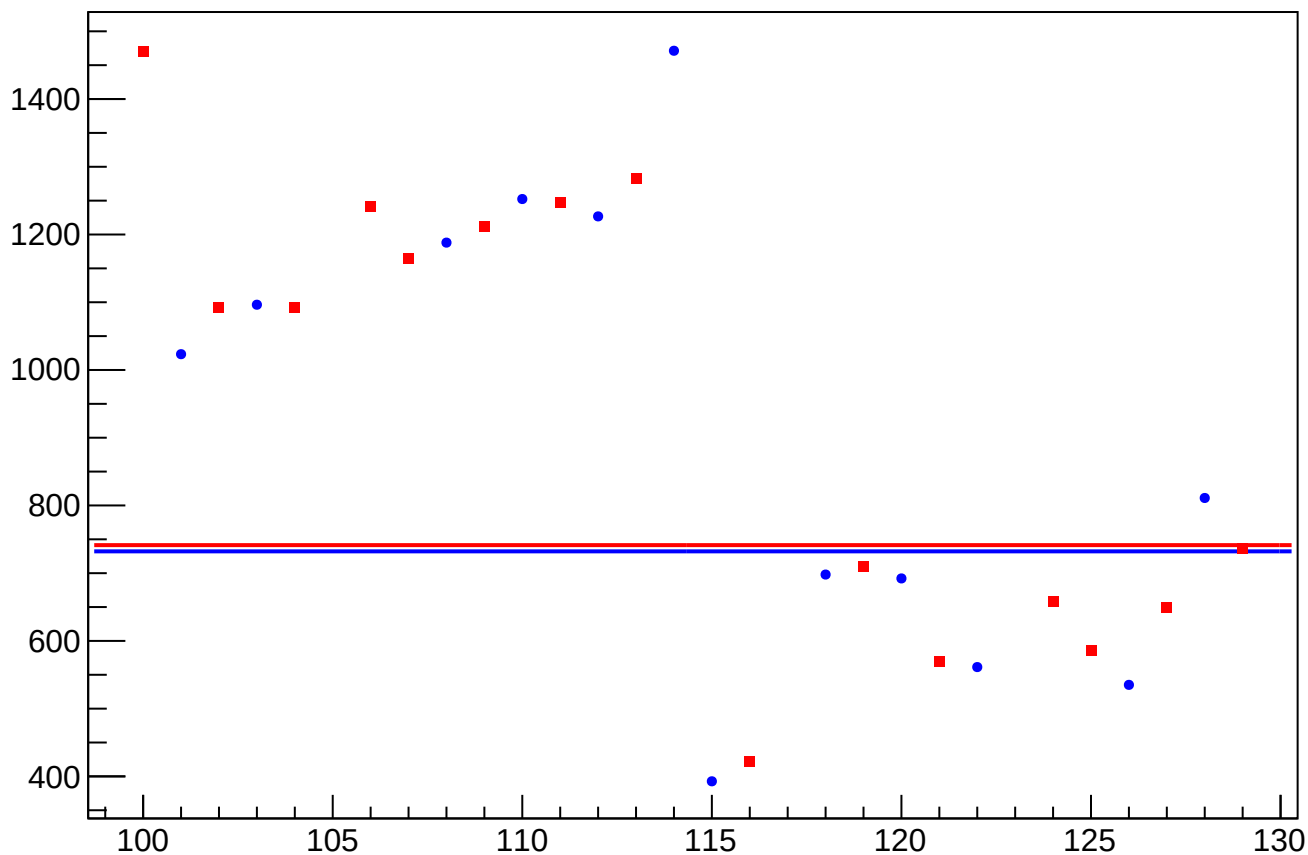
Right: 347.098 ± 238.651 χ^2/NDF : 21.2/26

In: -29.349 ± 349.107 χ^2/NDF : 10.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 347.098 ± 238.651 χ^2/NDF : 21.2/26

asym_sam_1526_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 732.224+/-0.247 χ^2/NDF : 1115330.3/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 741.404+/-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

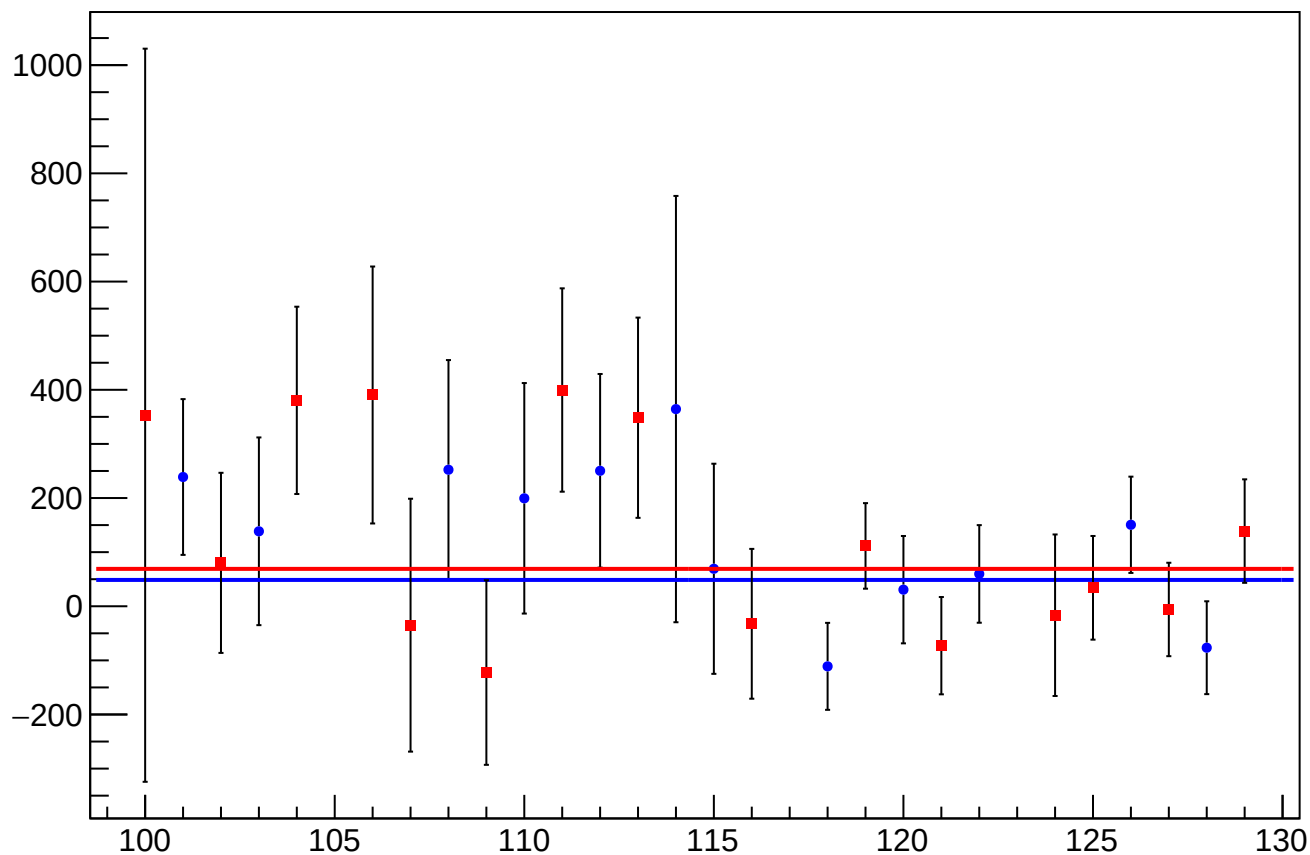
Right: 737.114+/-0.169 χ^2/NDF : 2462155.1/26

In: 732.224+/-0.247 χ^2/NDF :1115330.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 737.114+/-0.169 χ^2/NDF : 2462155.1/26

eigen_cor_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 48.658 $\pm$ 34.632 χ^2 /NDF: 12.9/11

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

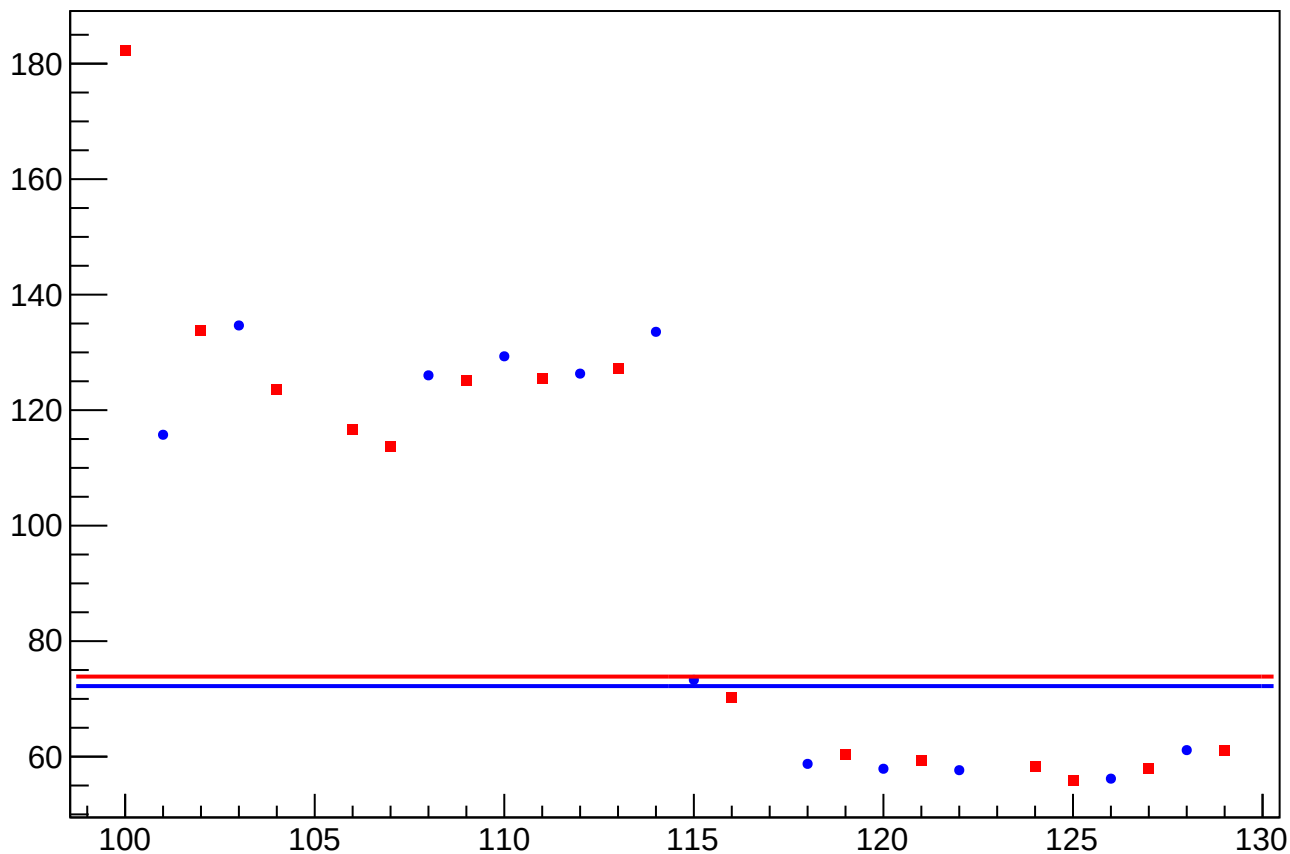
Right: 59.445 $\pm$ 23.791 χ^2 /NDF: 30.2/26

In: 48.658 $\pm$ 34.632 χ^2 /NDF:12.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 59.445 $\pm$ 23.791 χ^2 /NDF: 30.2/26

eigen_cor_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 72.216+/-0.024 χ^2/NDF : 1206652.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

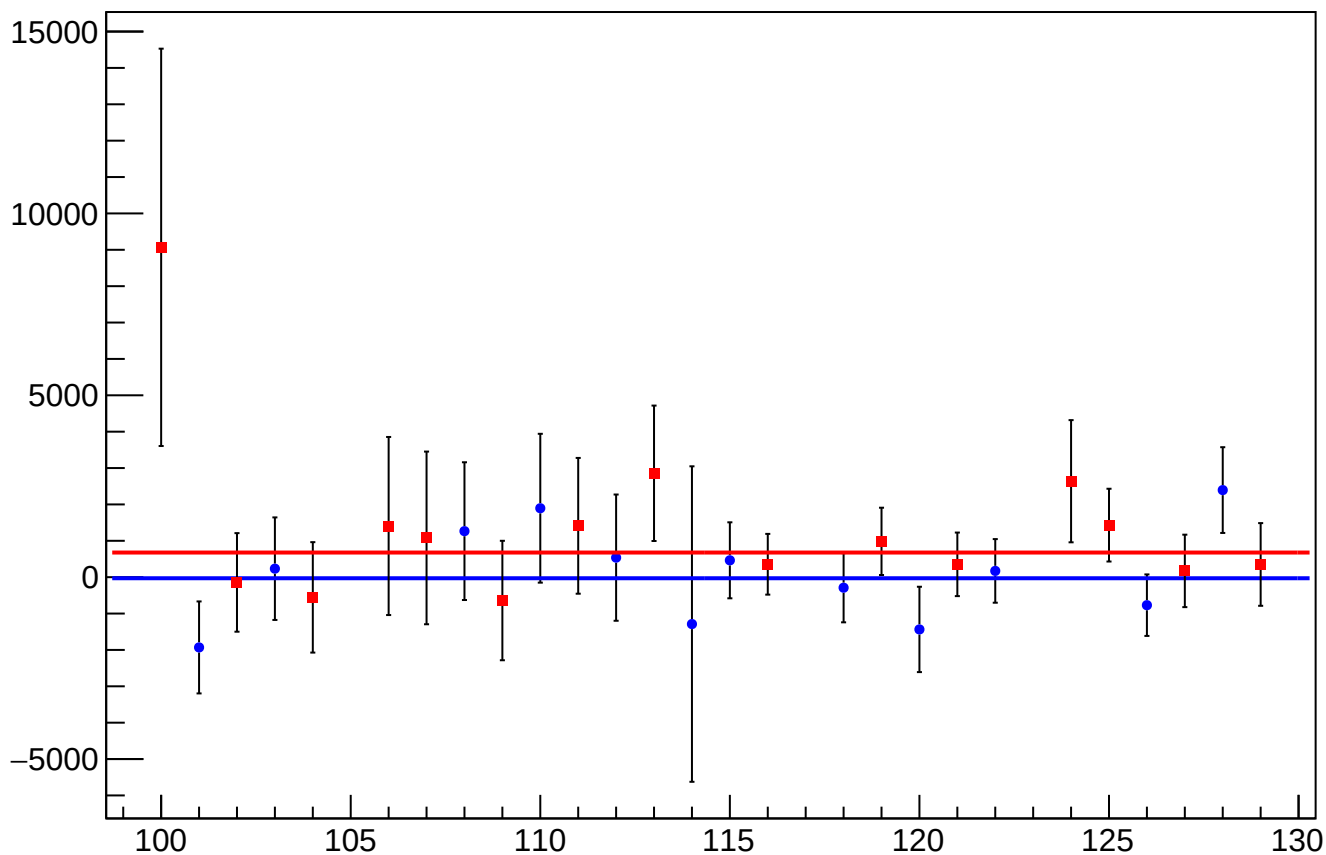
Right: 73.086+/-0.017 χ^2/NDF : 2612151.6/26

In: 72.216+/-0.024 χ^2/NDF : 1206652.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.086+/-0.017 χ^2/NDF : 2612151.6/26

asym_sam_1526_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -29.349 ± 349.107 χ^2/NDF : 10.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 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

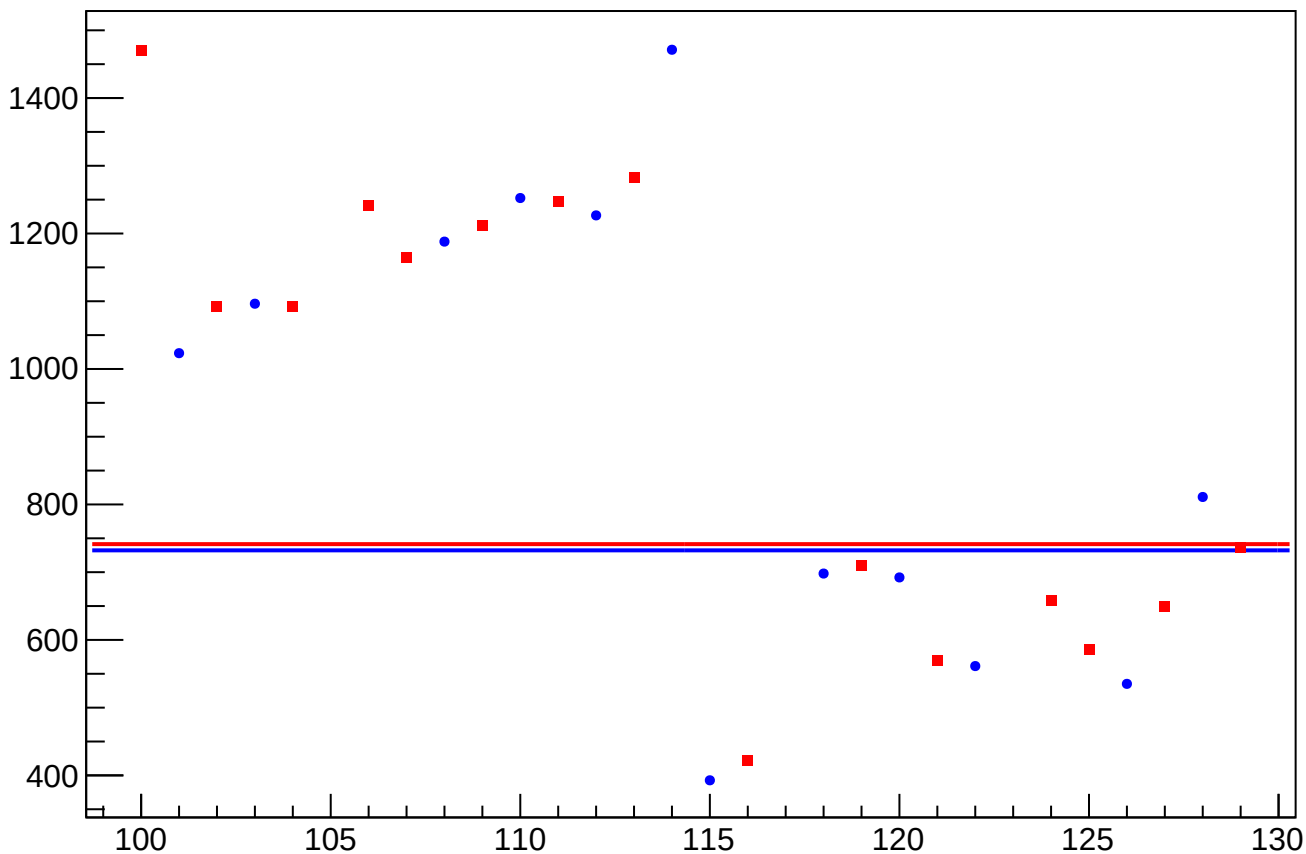
Right: 347.098 ± 238.651 χ^2/NDF : 21.2/26

In: -29.349 ± 349.107 χ^2/NDF : 10.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 347.098 ± 238.651 χ^2/NDF : 21.2/26

asym_sam_1526_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 732.224+/-0.247 χ^2/NDF : 1115330.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 741.404+/-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

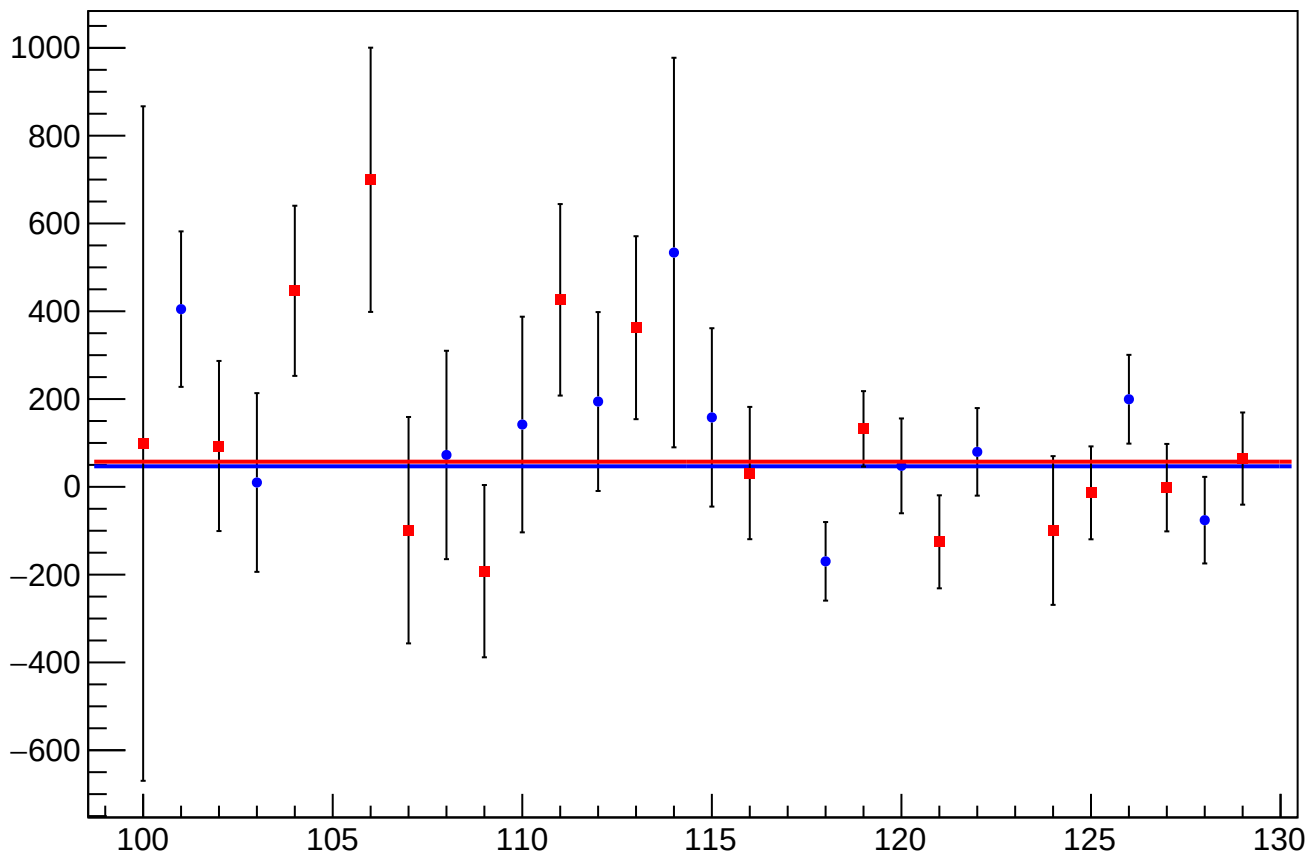
Right: 737.114+/-0.169 χ^2/NDF : 2462155.1/26

In: 732.224+/-0.247 χ^2/NDF : 1115330.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 737.114+/-0.169 χ^2/NDF : 2462155.1/26

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 46.782 $\pm$ 39.063 χ^2 /NDF: 16.1/11

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

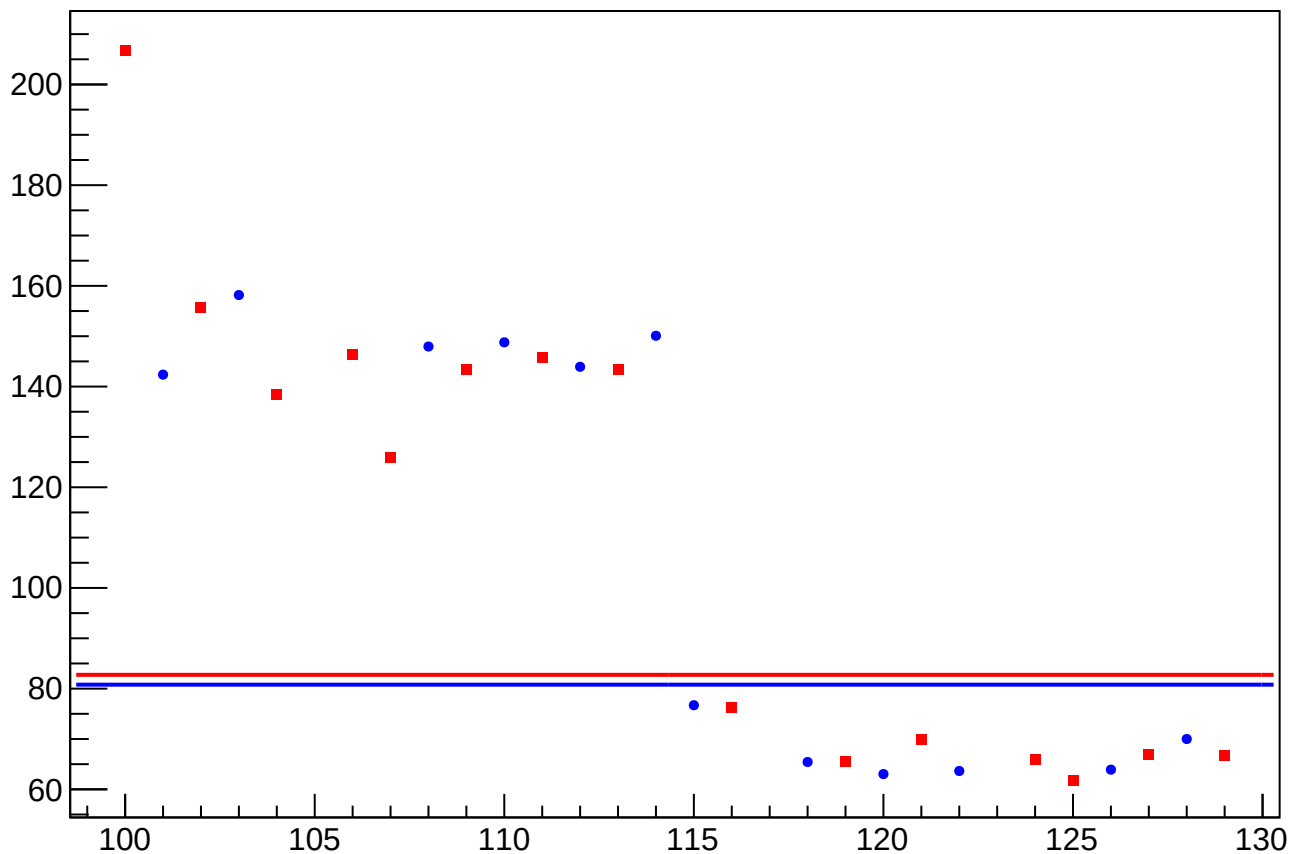
Right: 52.365 $\pm$ 26.820 χ^2 /NDF: 37.2/26

In: 46.782 $\pm$ 39.063 χ^2 /NDF:16.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 52.365 $\pm$ 26.820 χ^2 /NDF: 37.2/26

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 80.789+/-0.028 χ^2/NDF : 1337417.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.744+/-0.026 χ^2/NDF : 1480772.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

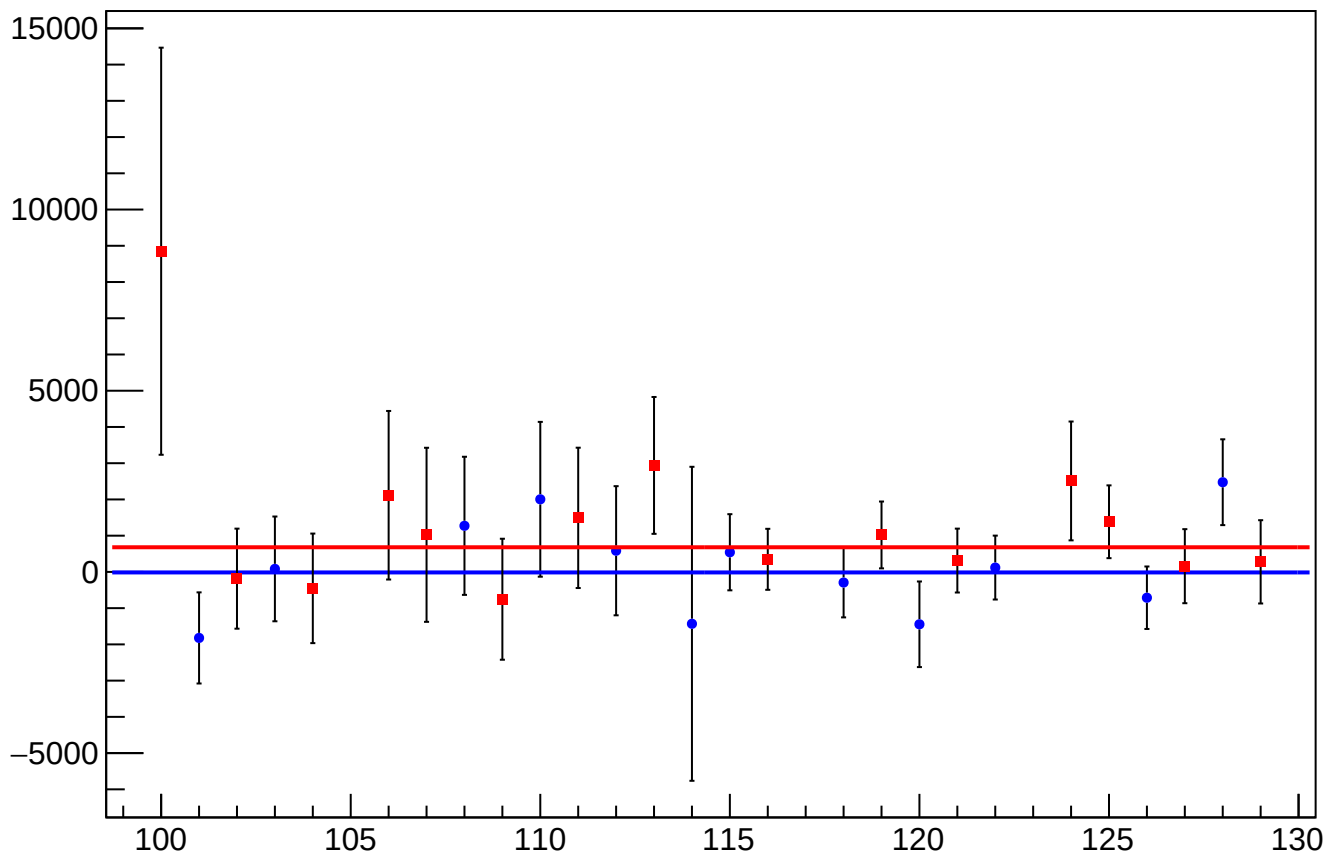
Right: 81.822+/-0.019 χ^2/NDF : 2820839.2/26

In: 80.789+/-0.028 χ^2/NDF : 1337417.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.822+/-0.019 χ^2/NDF : 2820839.2/26

asym_sam_1526_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -14.376 ± 353.058 $\chi^2/\text{NDF}: 10.6/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 680.274 ± 329.496 $\chi^2/\text{NDF}: 8.4/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

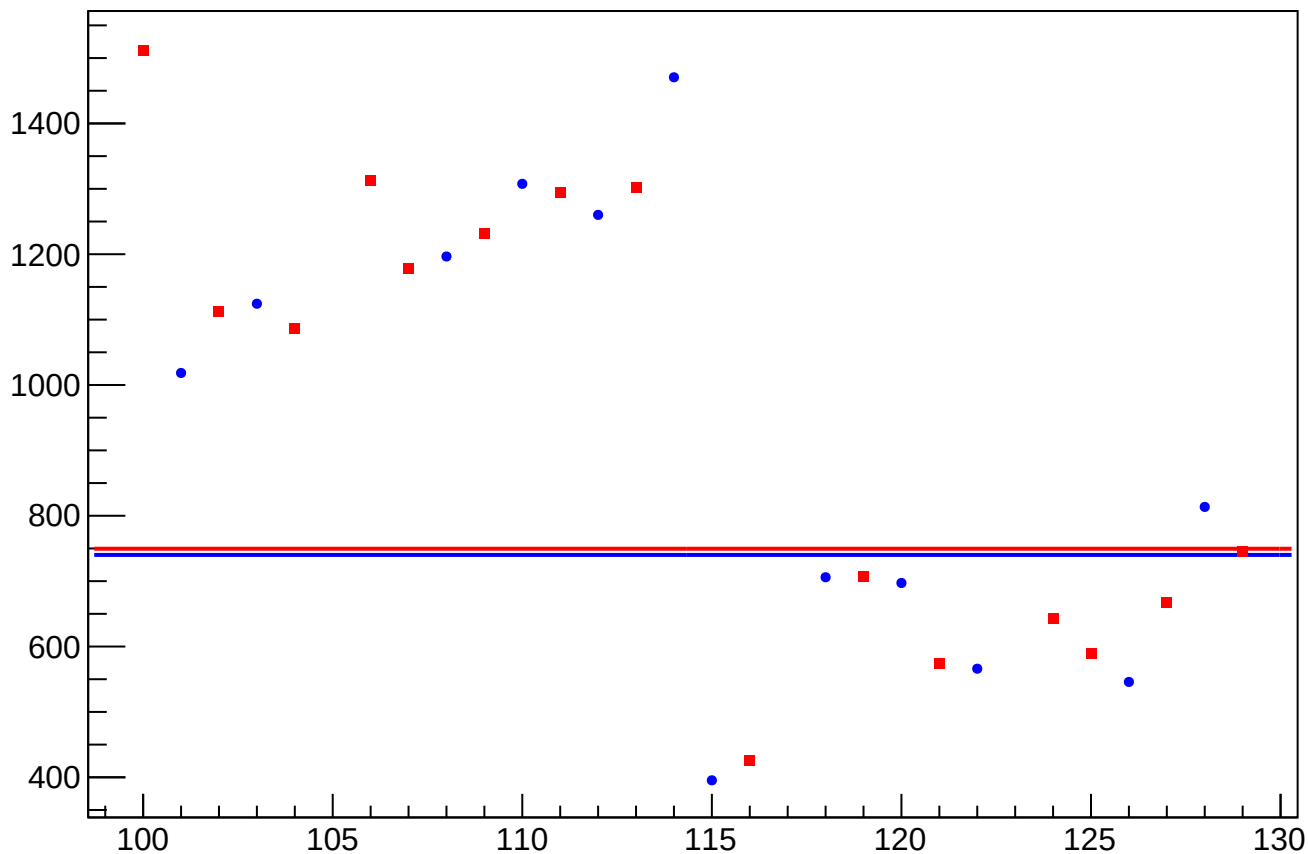
Right: 356.900 ± 240.888 $\chi^2/\text{NDF}: 21.0/26$

In: -14.376 ± 353.058 $\chi^2/\text{NDF}: 10.6/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 356.900 ± 240.888 $\chi^2/\text{NDF}: 21.0/26$

asym_sam_1526_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 740.107+/-0.250 χ^2/NDF : 1129863.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 749.580+/-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

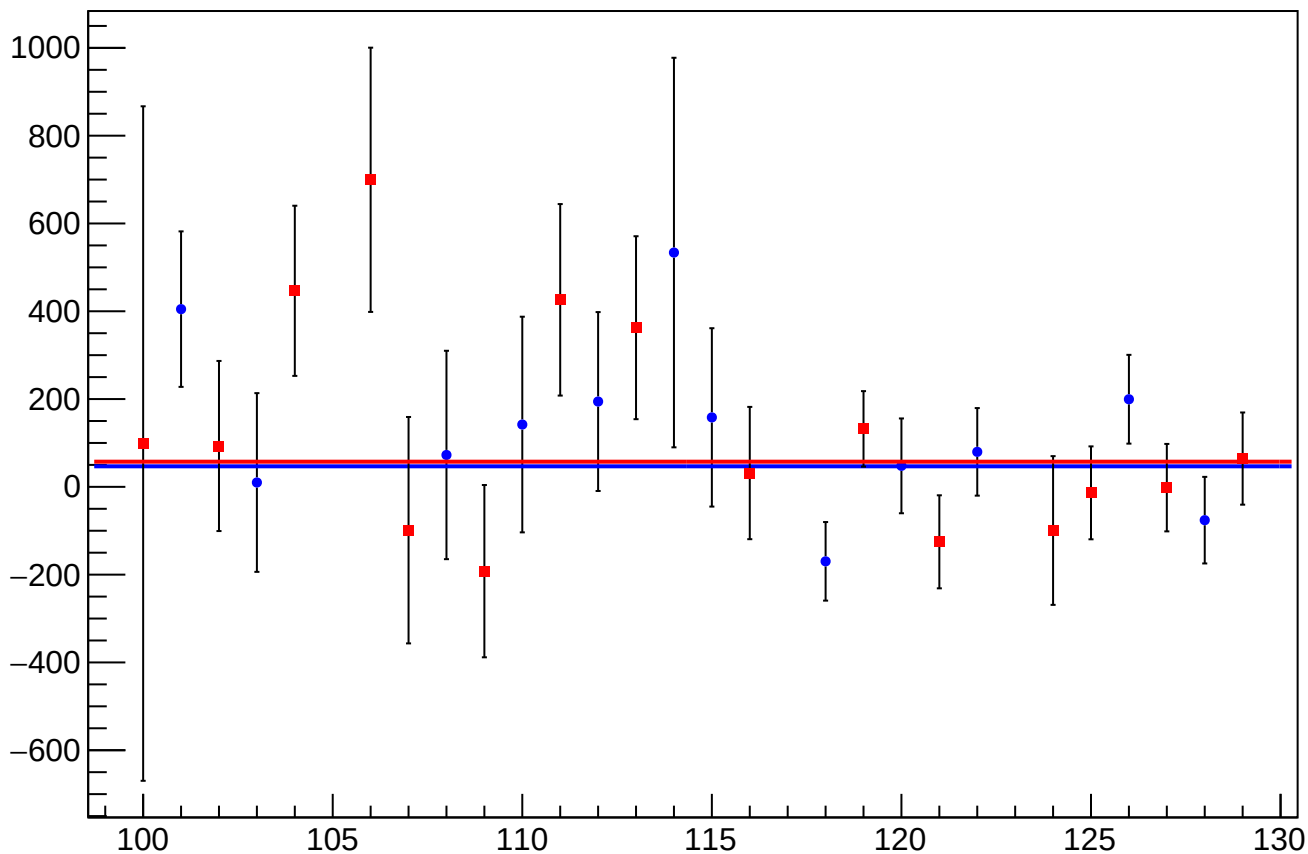
Right: 745.171+/-0.170 χ^2/NDF : 2535554.5/26

In: 740.107+/-0.250 χ^2/NDF : 1129863.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 745.171+/-0.170 χ^2/NDF : 2535554.5/26

eigen_dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 46.783+/-39.063 χ^2/NDF : 16.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.343+/-36.888 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

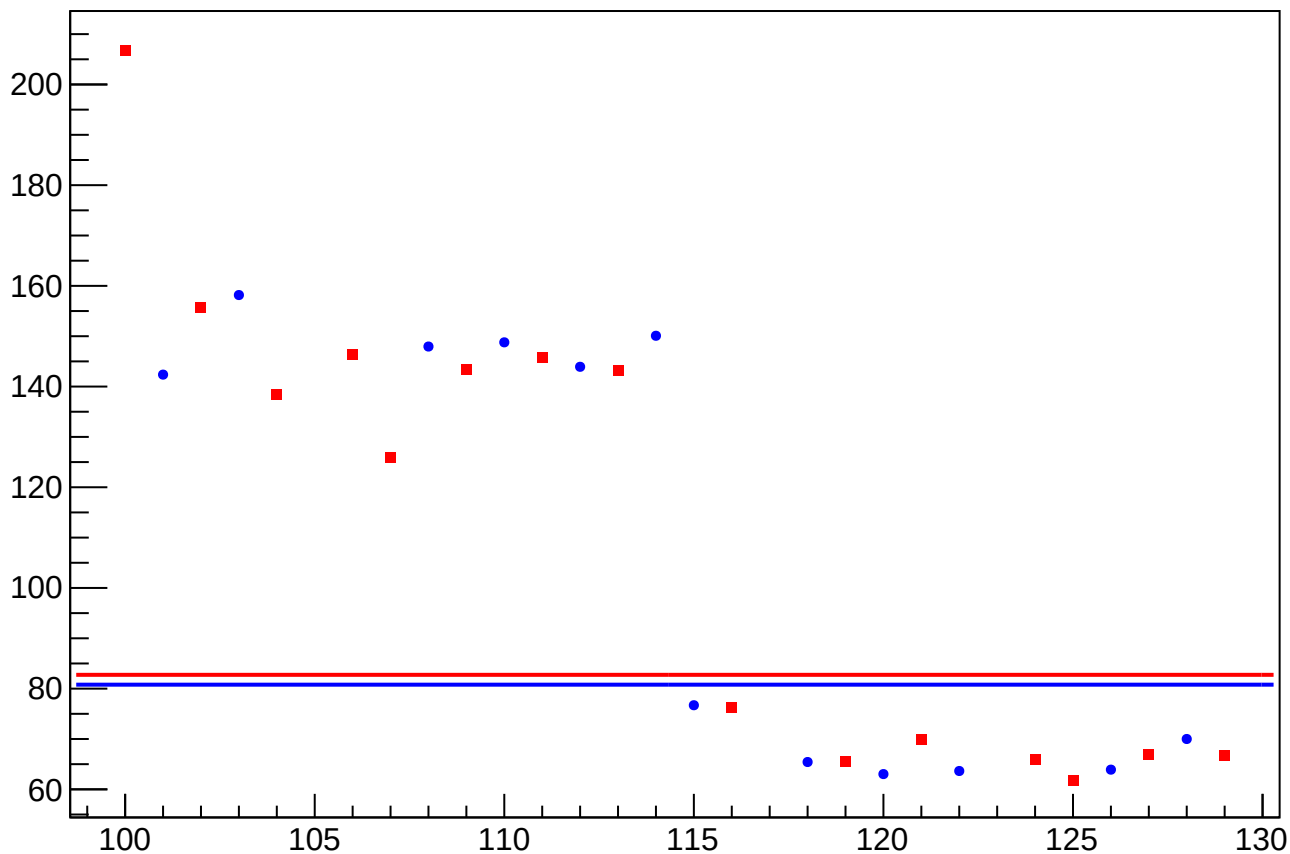
Right: 52.365+/-26.820 χ^2/NDF : 37.2/26

In: 46.783+/-39.063 χ^2/NDF : 16.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.365+/-26.820 χ^2/NDF : 37.2/26

eigen_dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 80.789+/-0.028 χ^2/NDF : 1337409.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.744+/-0.026 χ^2/NDF : 1480768.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

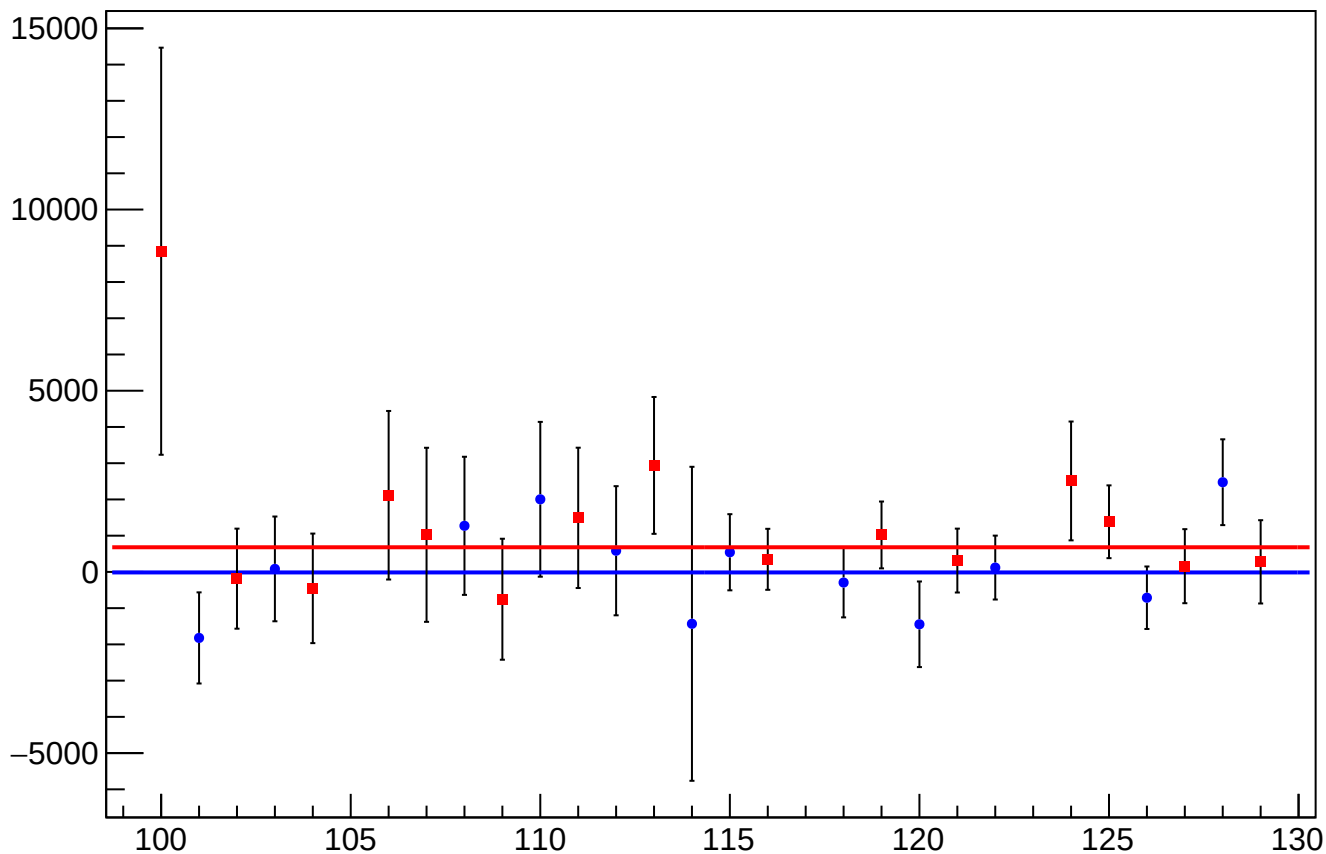
Right: 81.822+/-0.019 χ^2/NDF : 2820826.6/26

In: 80.789+/-0.028 χ^2/NDF : 1337409.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.822+/-0.019 χ^2/NDF : 2820826.6/26

asym_sam_1526_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -14.374+/-353.057 χ^2/NDF : 10.6/11

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

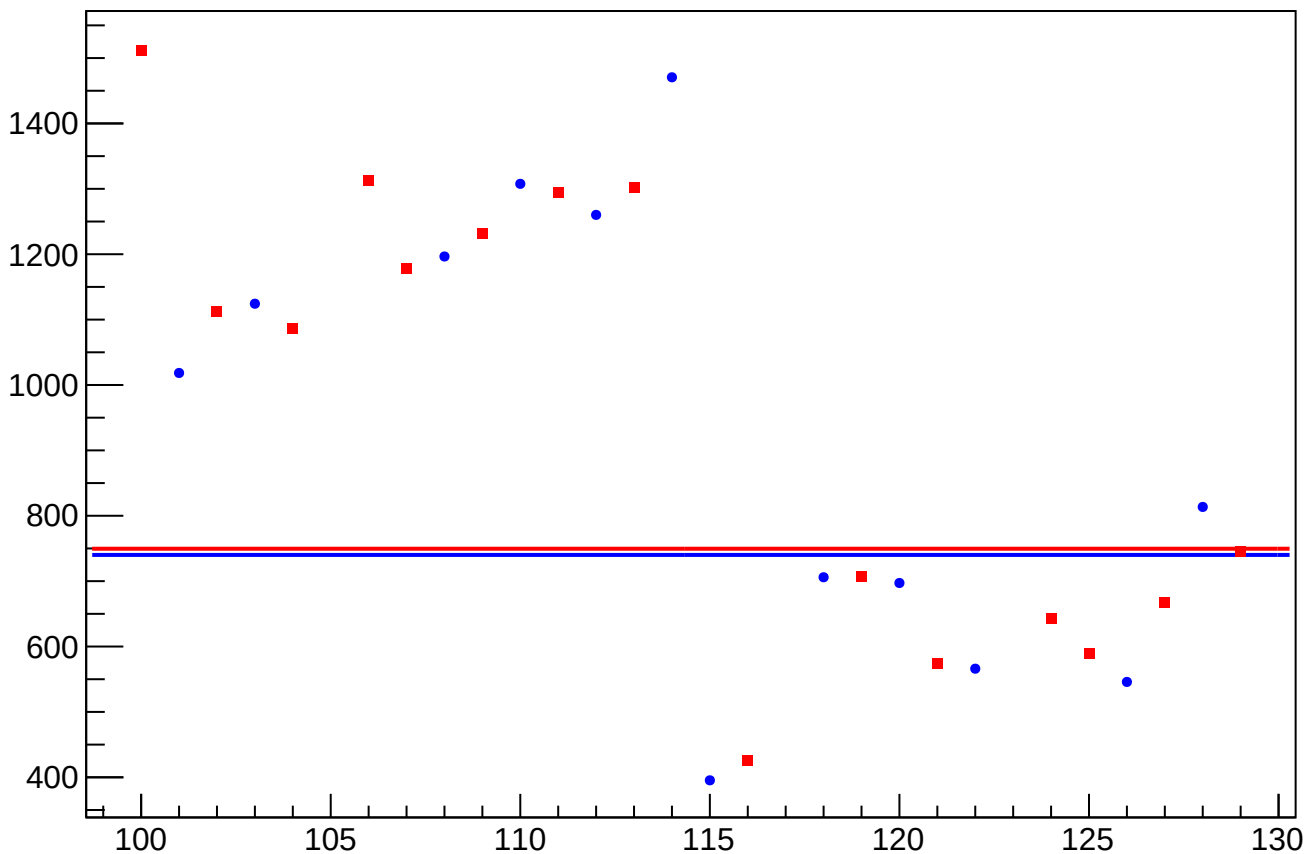
Right: 356.900+/-240.888 χ^2/NDF : 21.0/26

In: -14.374+/-353.057 χ^2/NDF : 10.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 356.900+/-240.888 χ^2/NDF : 21.0/26

asym_sam_1526_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 740.107+/-0.250 χ^2/NDF : 1129849.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 749.580+/-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

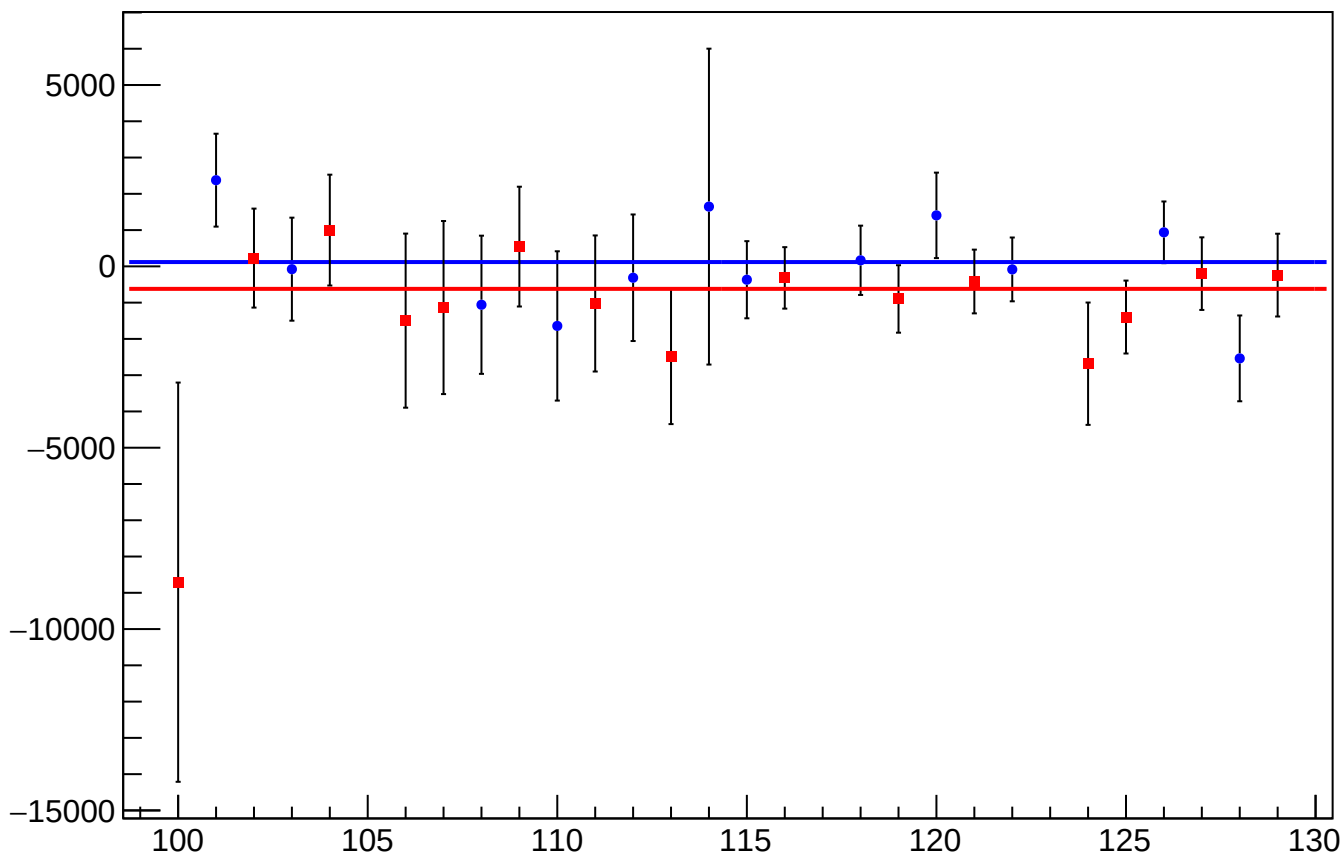
Right: 745.170+/-0.170 χ^2/NDF : 2535527.1/26

In: 740.107+/-0.250 χ^2/NDF : 1129849.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 745.170+/-0.170 χ^2/NDF : 2535527.1/26

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 118.820 ± 351.611 χ^2/NDF : 11.9/11

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

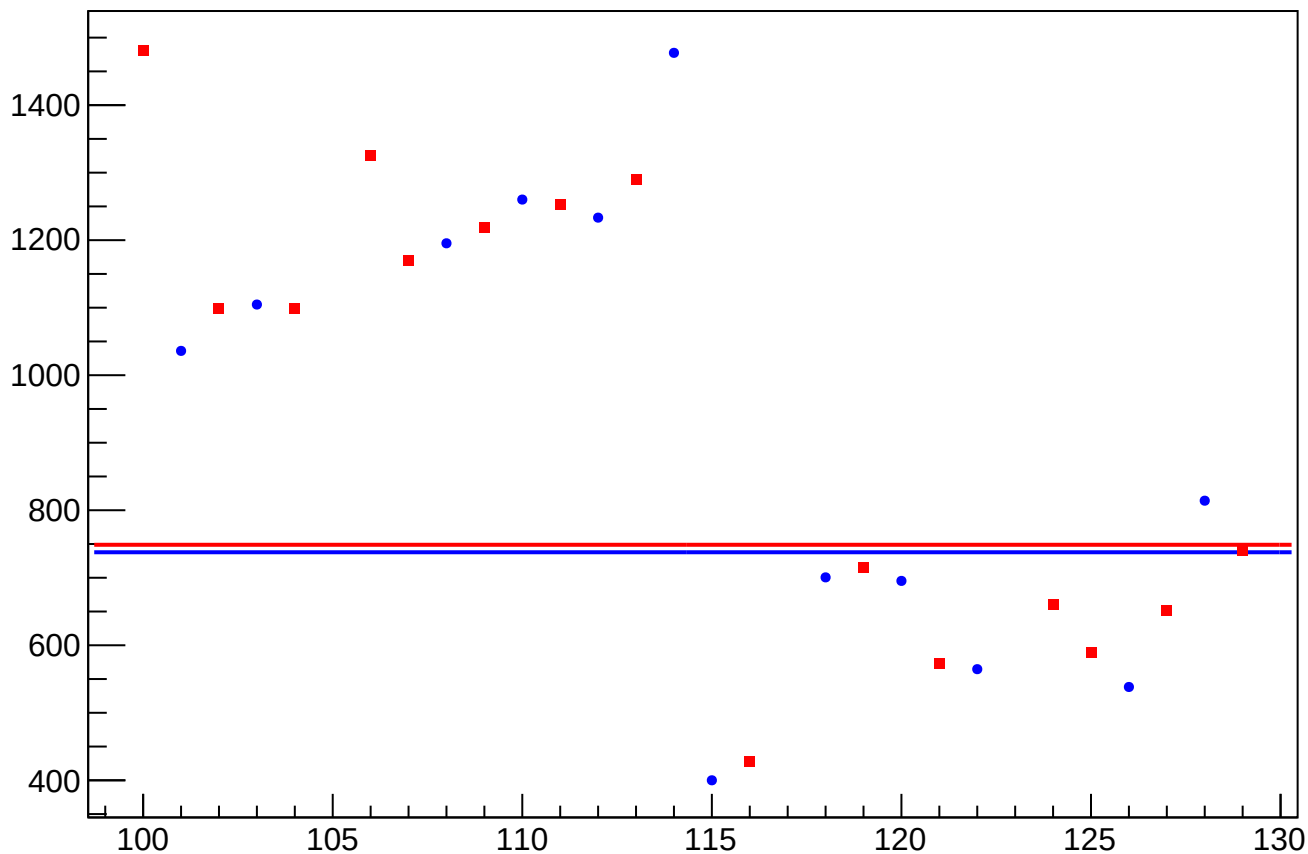
Right: -275.269 ± 240.251 χ^2/NDF : 22.2/26

In: 118.820 ± 351.611 χ^2/NDF : 11.9/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -275.269 ± 240.251 χ^2/NDF : 22.2/26

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 737.762+/-0.249 χ^2/NDF : 1108546.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

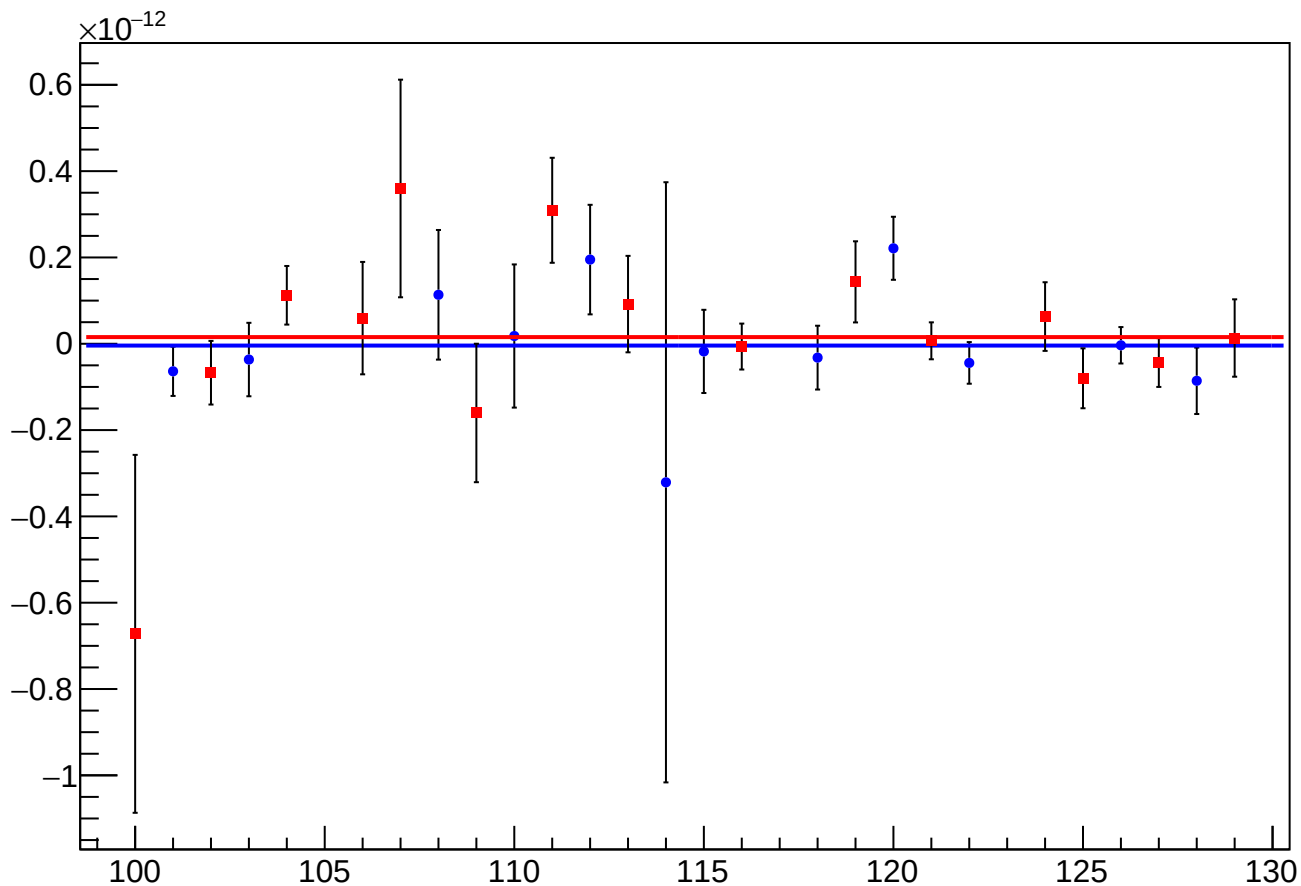
Right: 743.671+/-0.170 χ^2/NDF : 2477566.4/26

In: 737.762+/-0.249 χ^2/NDF : 1108546.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 743.671+/-0.170 χ^2/NDF : 2477566.4/26

asym_sam_1526_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 16.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 20.9/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

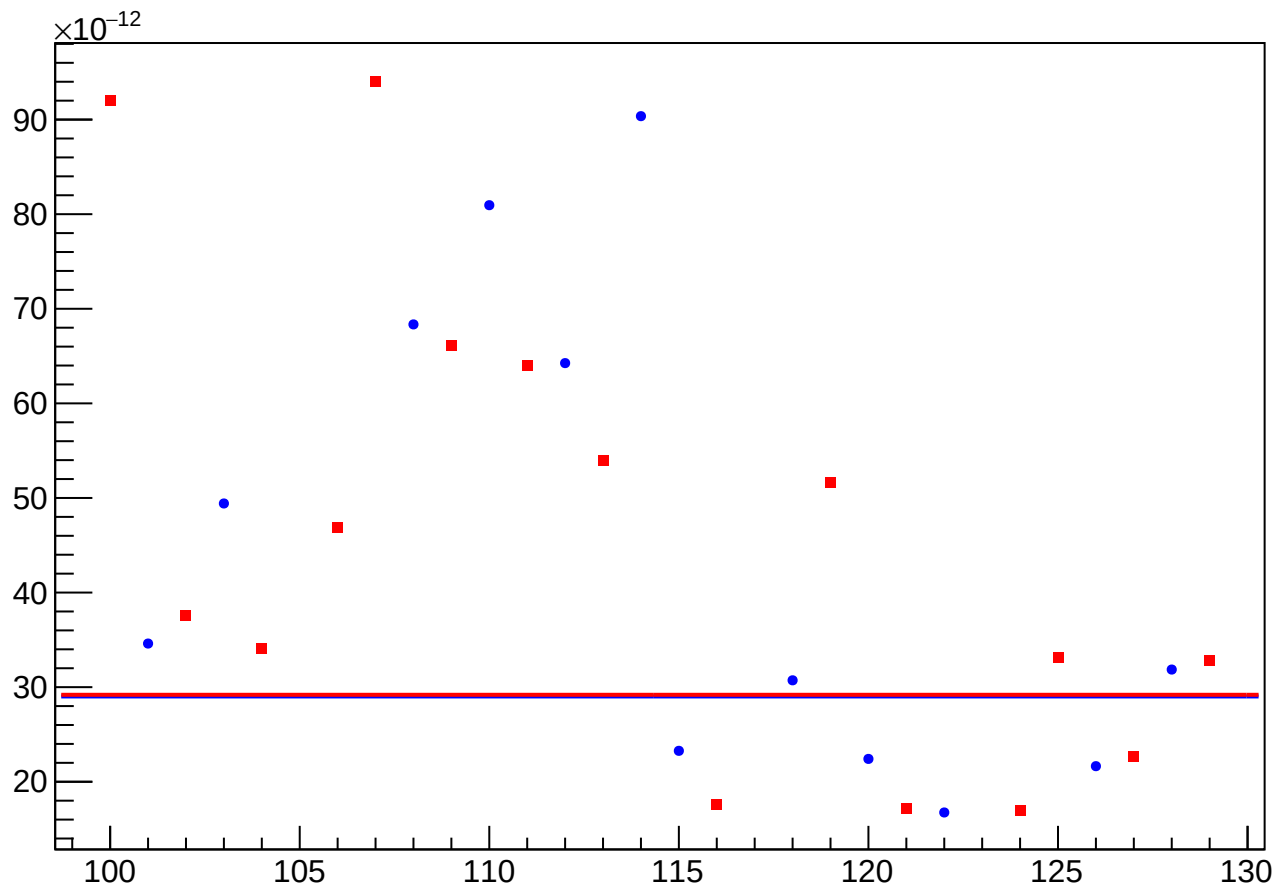
Right: 0.000+/-0.000 χ^2 /NDF: 37.4/26

In: -0.000+/-0.000 χ^2 /NDF:16.0/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 37.4/26

asym_sam_1526_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 854638.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

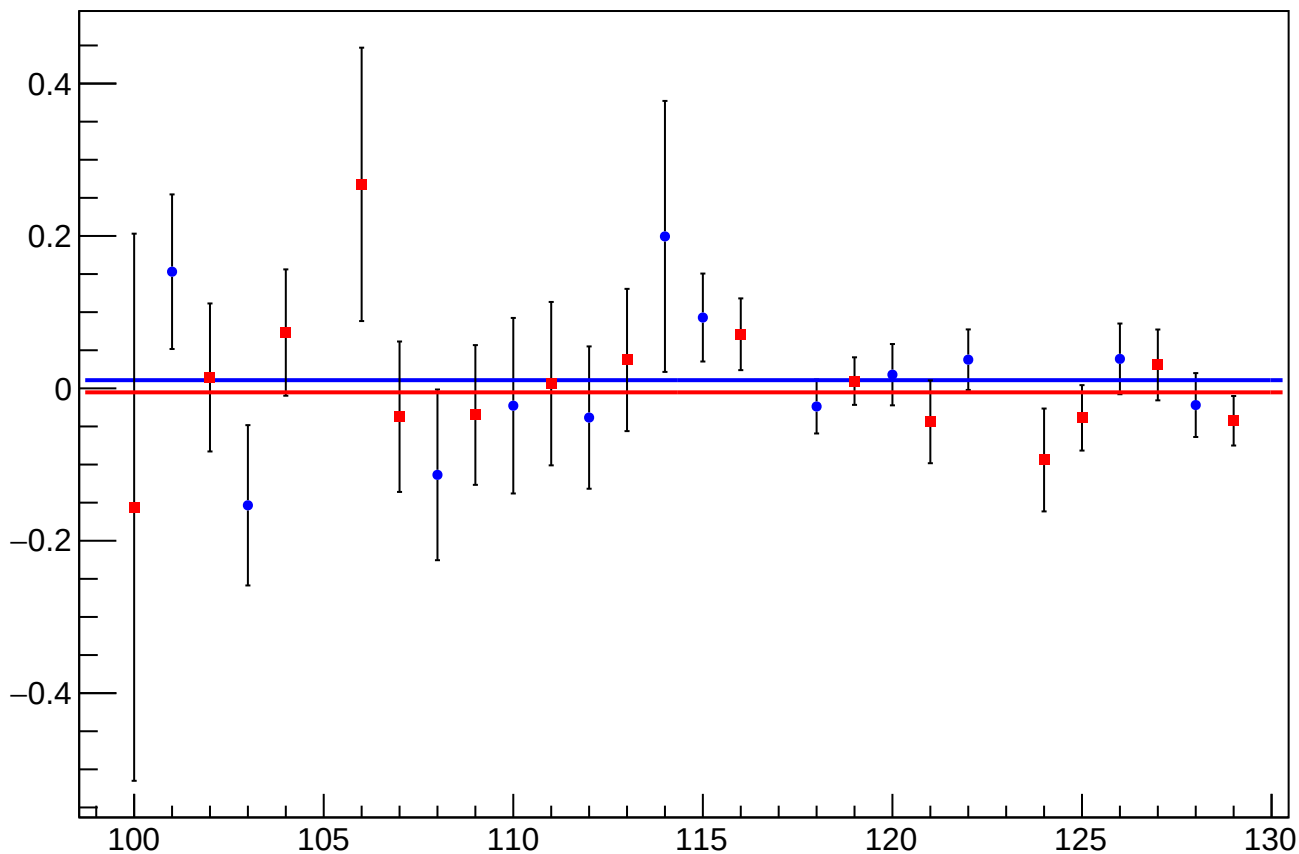
Right: 0.000+/-0.000 χ^2/NDF : 1923676.2/26

In: 0.000+/-0.000 χ^2/NDF : 854638.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1923676.2/26

asym_sam_1526_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011 $\pm$ 0.016 χ^2 /NDF: 11.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.005 $\pm$ 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

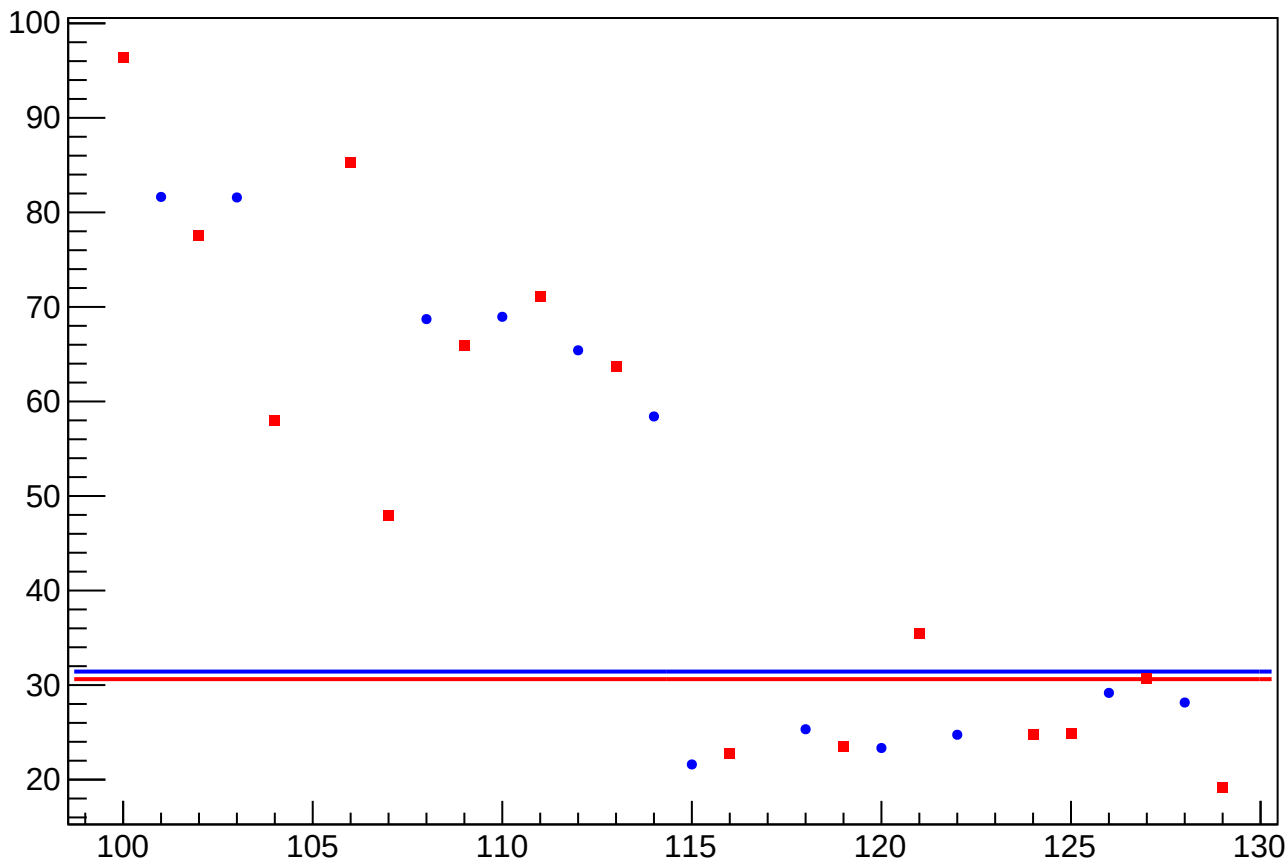
Right: 0.002 $\pm$ 0.011 χ^2 /NDF: 23.6/26

In: 0.011 $\pm$ 0.016 χ^2 /NDF:11.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.011 χ^2 /NDF: 23.6/26

asym_sam_1526_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.429+/-0.011 χ^2/NDF : 1960800.4/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

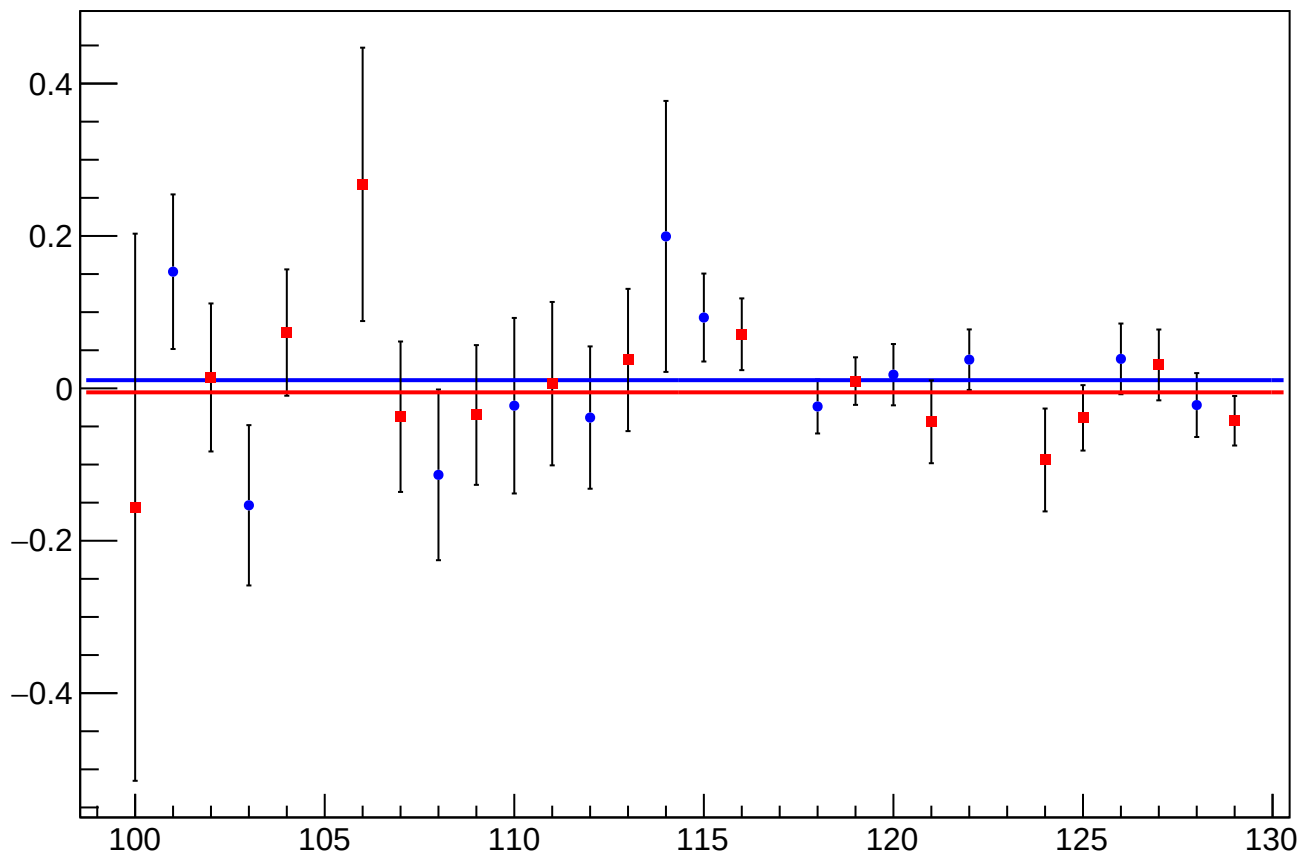
Right: 30.989+/-0.008 χ^2/NDF : 4271170.8/26

In: 31.429+/-0.011 χ^2/NDF :1960800.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 30.989+/-0.008 χ^2/NDF : 4271170.8/26

asym_sam_1526_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.016 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.005+/-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

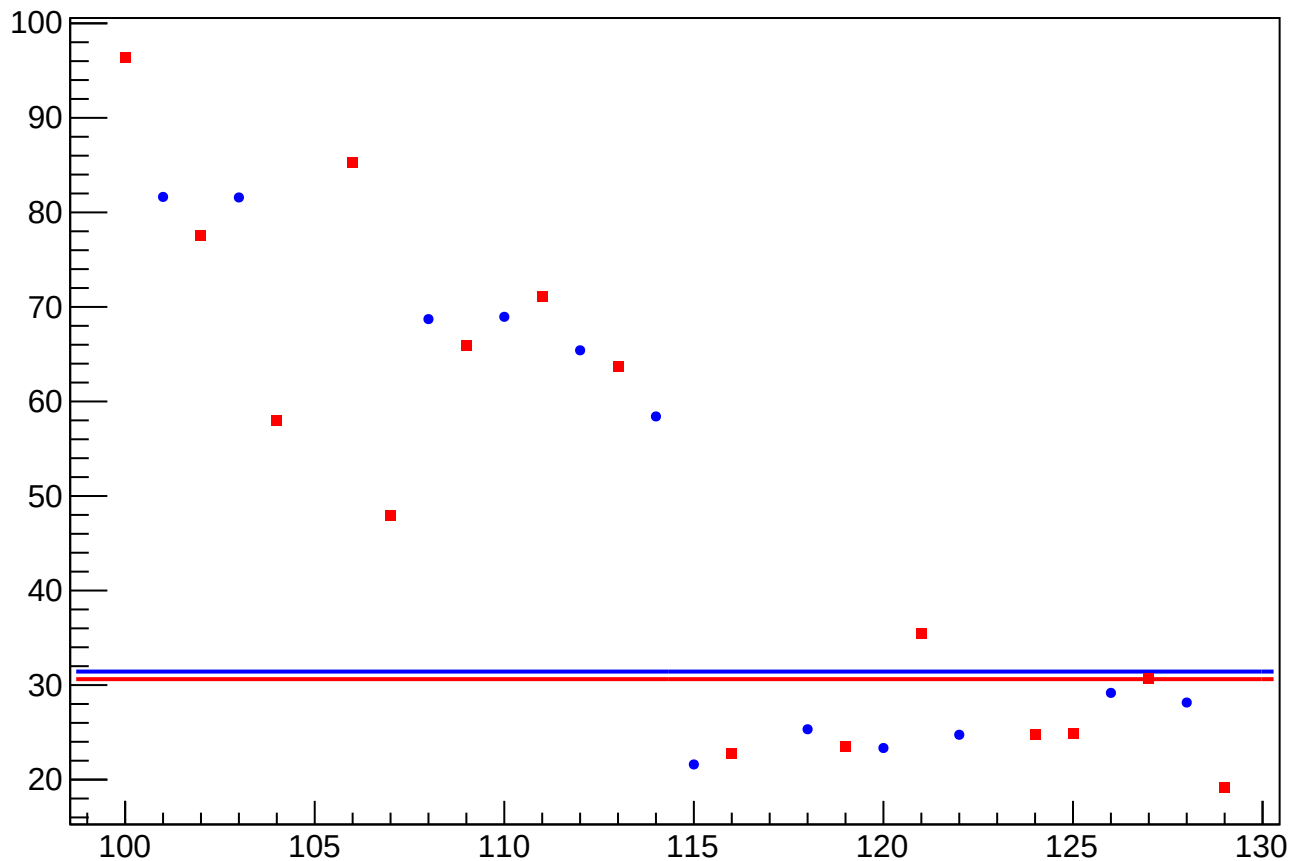
Right: 0.002+/-0.011 χ^2/NDF : 23.6/26

In: 0.011+/-0.016 χ^2/NDF : 11.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.011 χ^2/NDF : 23.6/26

asym_sam_1526_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.429+/-0.011 χ^2/NDF : 1960800.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

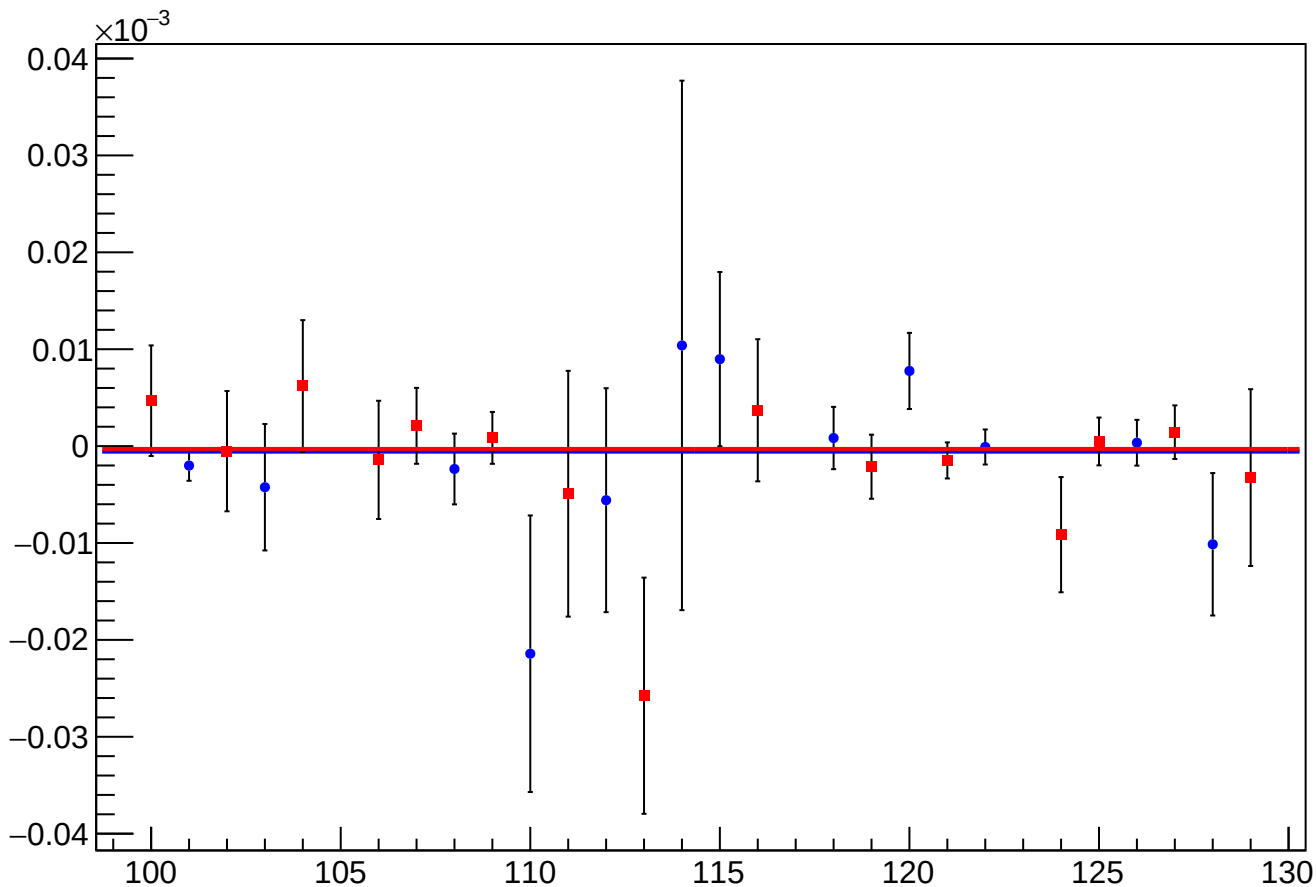
Right: 30.989+/-0.008 χ^2/NDF : 4271170.8/26

In: 31.429+/-0.011 χ^2/NDF : 1960800.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.989+/-0.008 χ^2/NDF : 4271170.8/26

asym_sam_1526_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.6/11

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

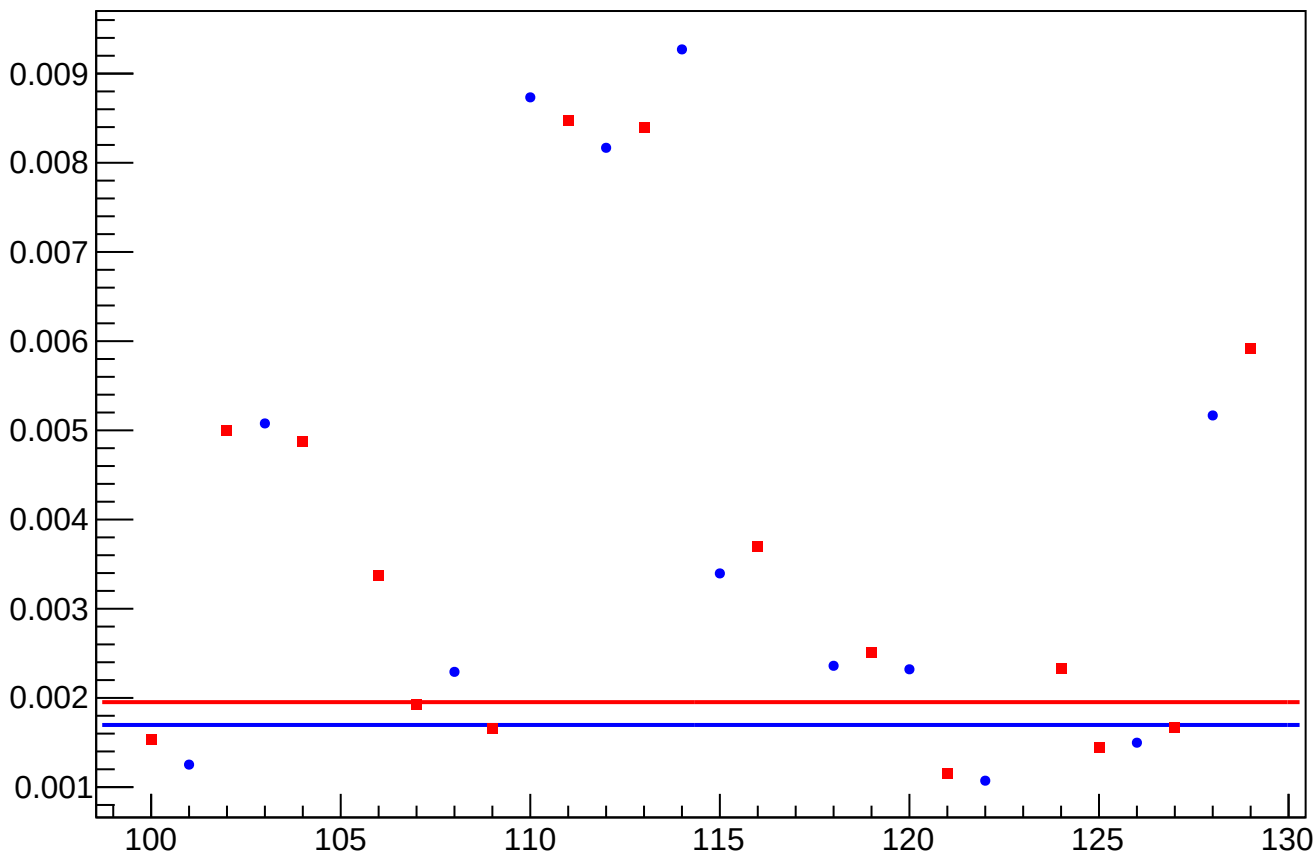
Right: -0.000+/-0.000 χ^2/NDF : 22.2/26

In: -0.000+/-0.000 χ^2/NDF :11.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.2/26

asym_sam_1526_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2922894.7/11

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

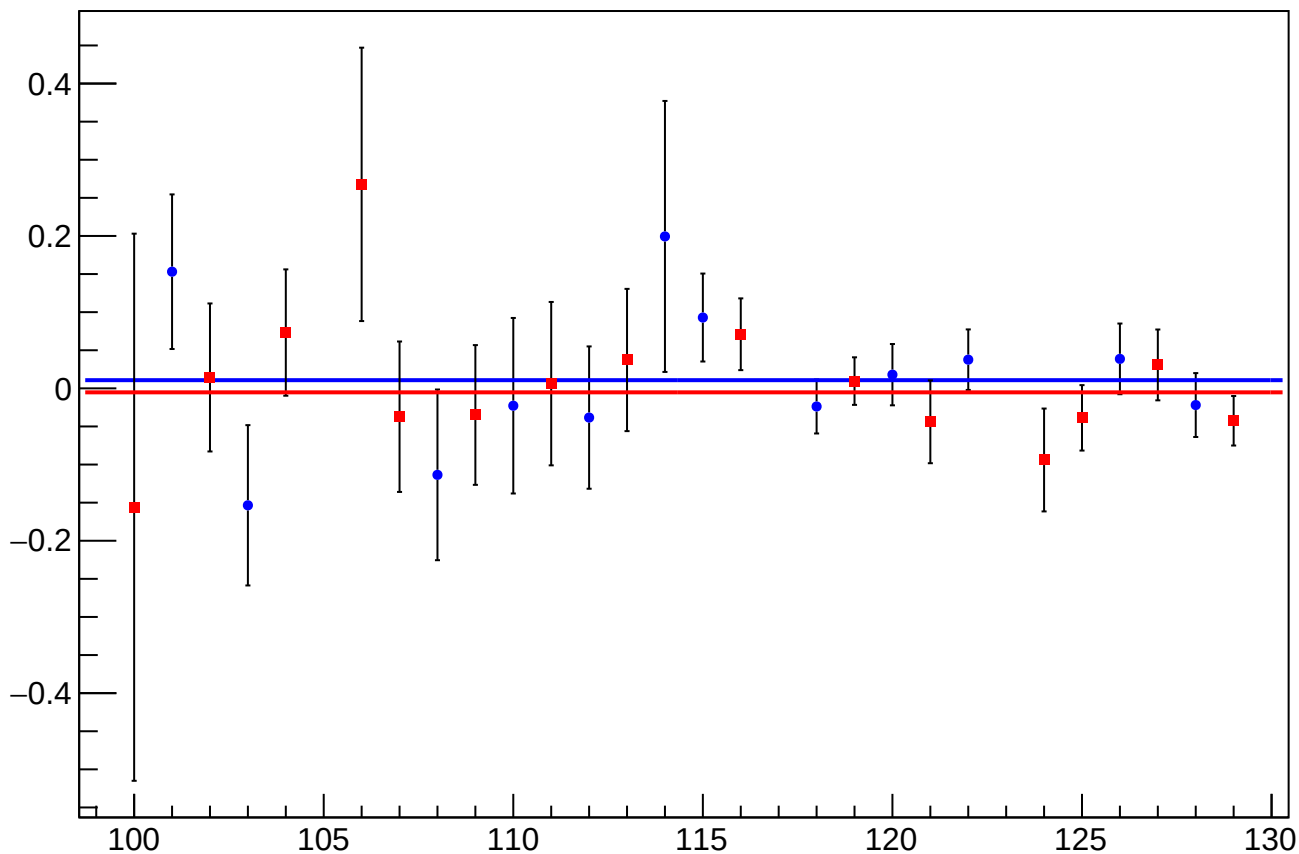
Right: 0.002+/-0.000 χ^2/NDF : 6107434.0/26

In: 0.002+/-0.000 χ^2/NDF :2922894.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6107434.0/26

asym_sam_1526_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.016 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.005+/-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

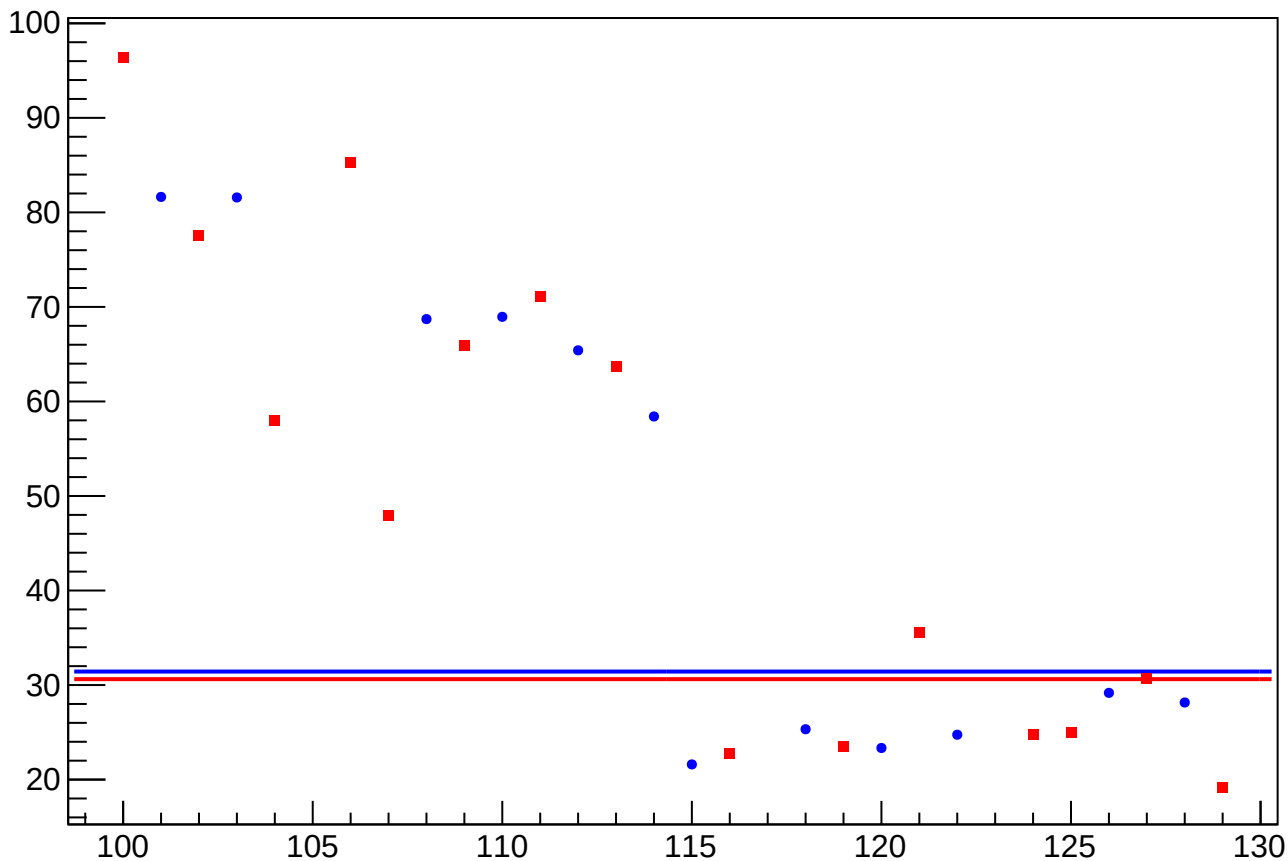
Right: 0.002+/-0.011 χ^2/NDF : 23.6/26

In: 0.011+/-0.016 χ^2/NDF : 11.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.011 χ^2/NDF : 23.6/26

asym_sam_1526_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.429+/-0.011 χ^2/NDF : 1960741.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

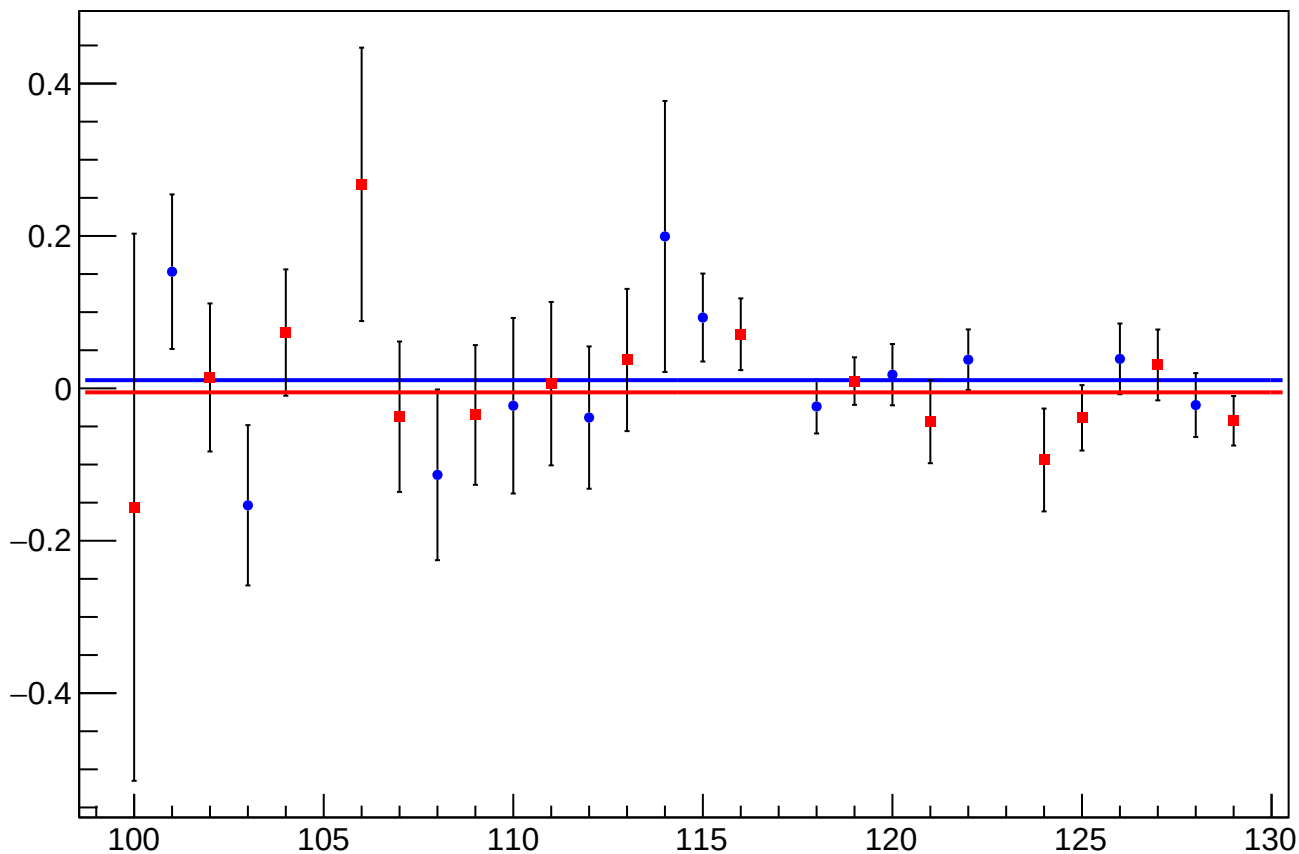
Right: 30.988+/-0.008 χ^2/NDF : 4271264.6/26

In: 31.429+/-0.011 χ^2/NDF : 1960741.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.988+/-0.008 χ^2/NDF : 4271264.6/26

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011 $\pm$ 0.016 χ^2 /NDF: 11.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.005 $\pm$ 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

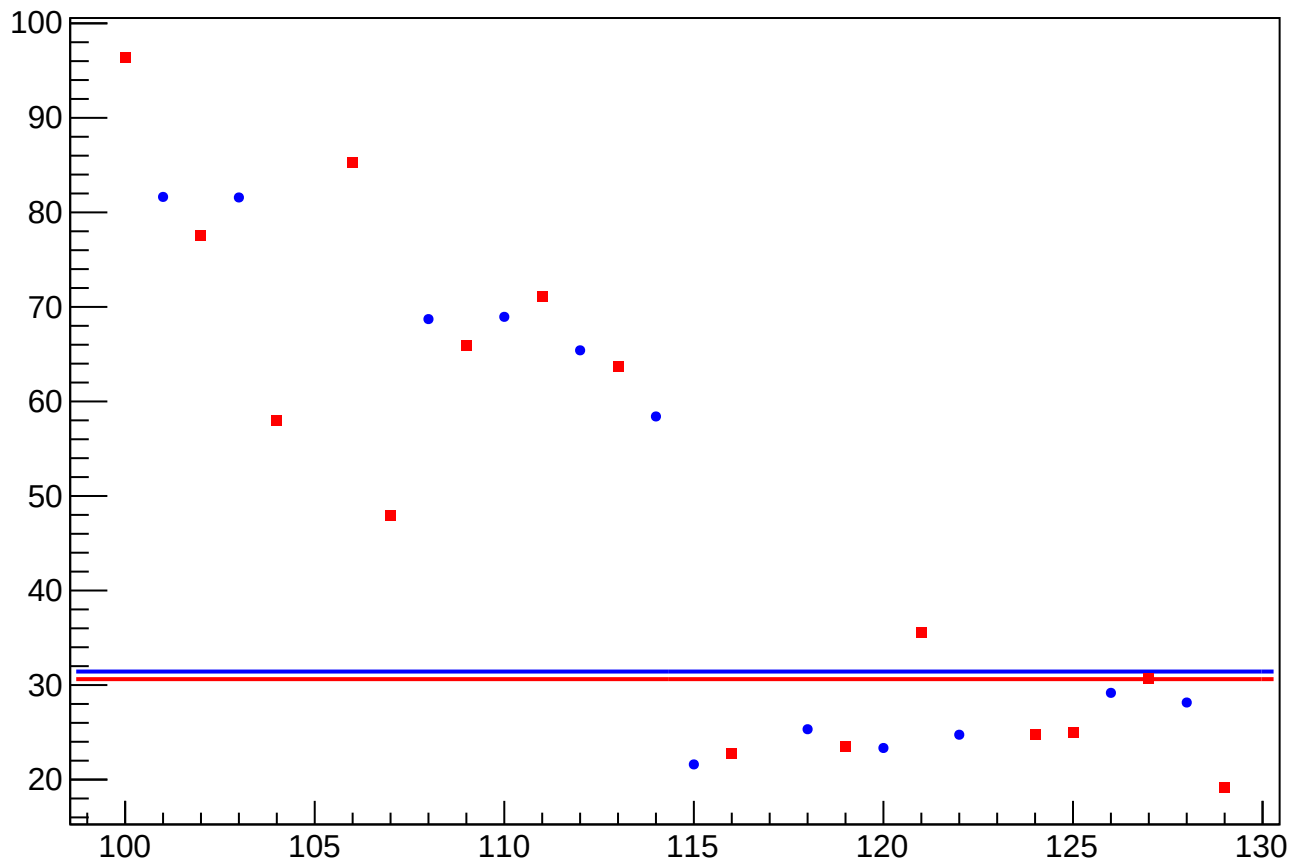
Right: 0.002 $\pm$ 0.011 χ^2 /NDF: 23.6/26

In: 0.011 $\pm$ 0.016 χ^2 /NDF:11.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.011 χ^2 /NDF: 23.6/26

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.429+/-0.011 χ^2/NDF : 1960741.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

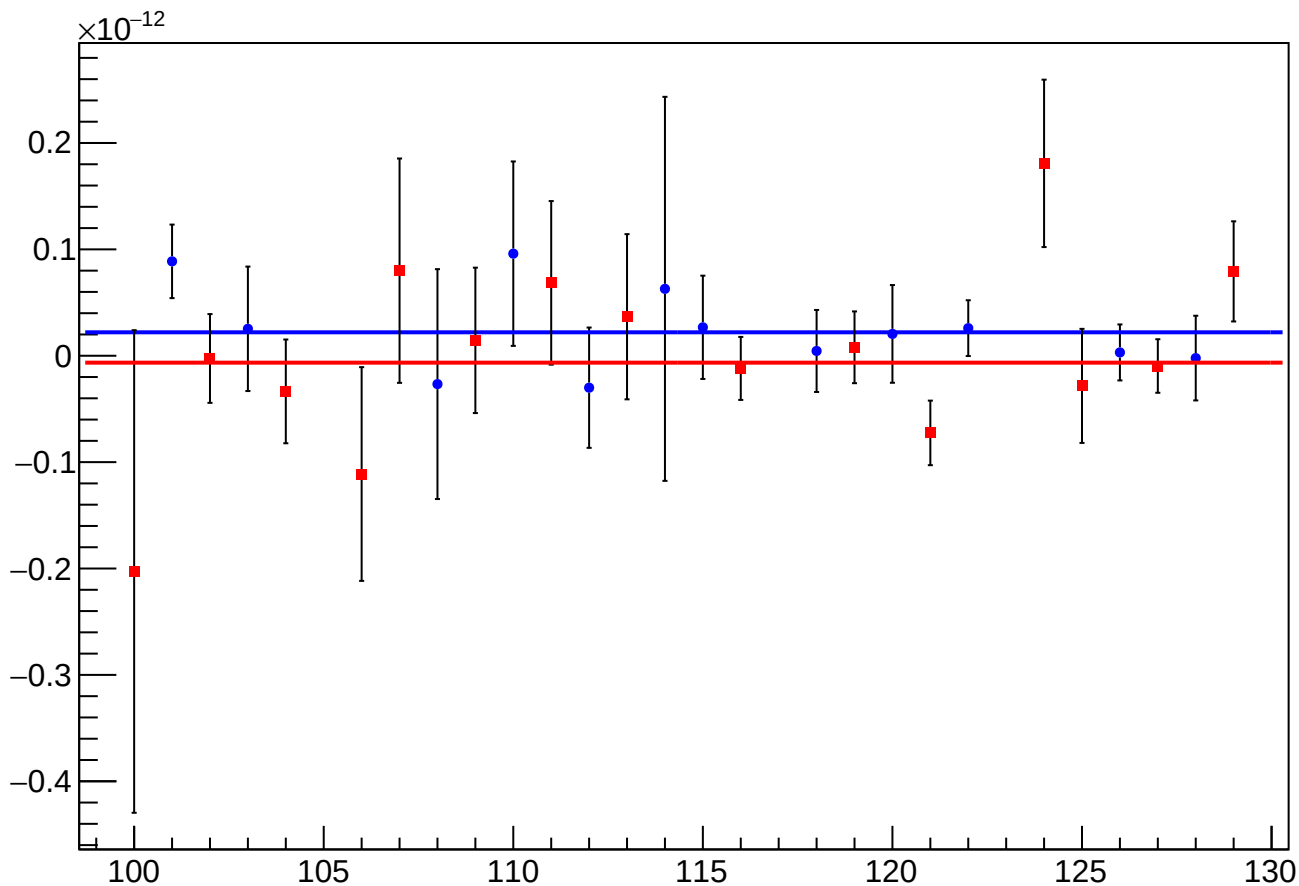
Right: 30.988+/-0.008 χ^2/NDF : 4271264.6/26

In: 31.429+/-0.011 χ^2/NDF : 1960741.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.988+/-0.008 χ^2/NDF : 4271264.6/26

asym_sam_1526_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 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

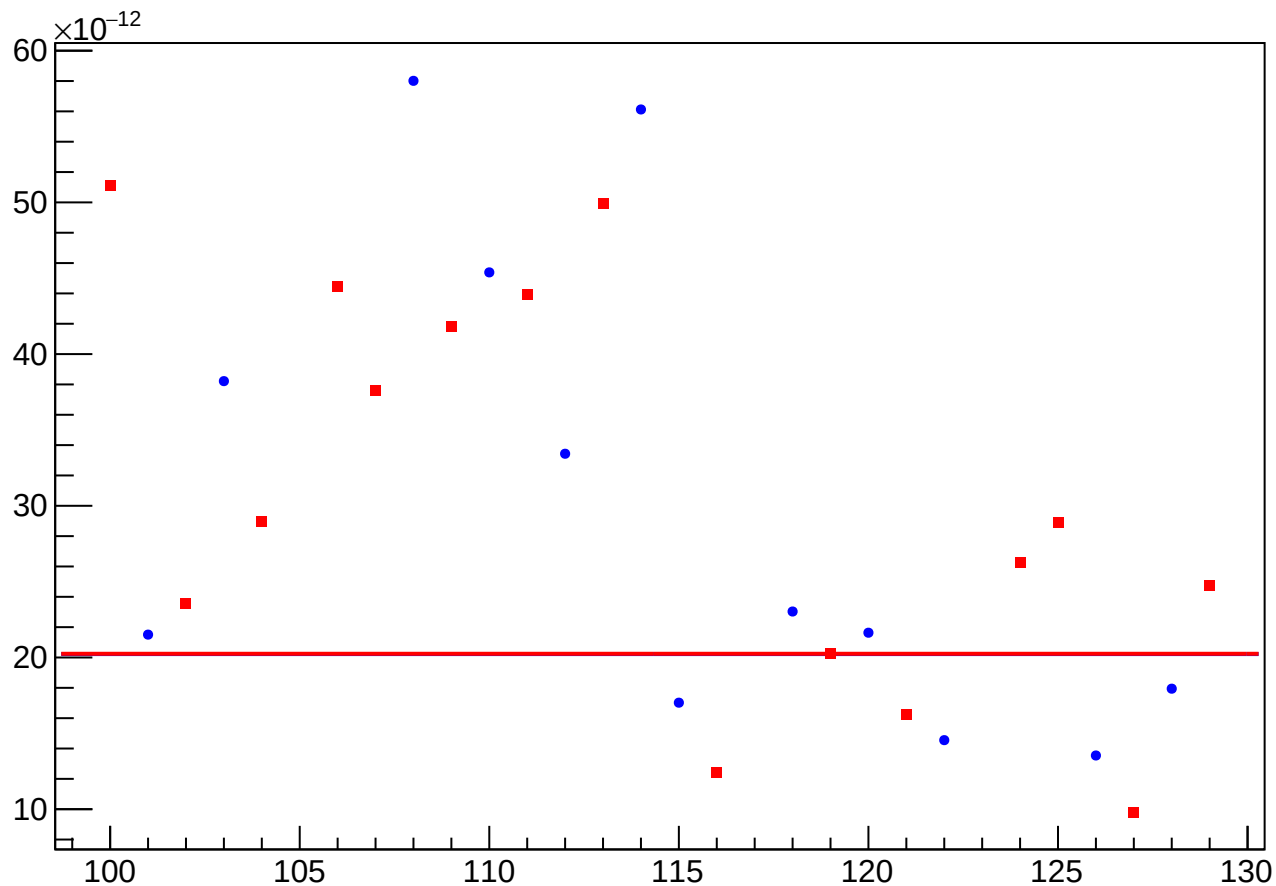
Right: 0.000+/-0.000 χ^2/NDF : 27.9/26

In: 0.000+/-0.000 χ^2/NDF : 6.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.9/26

asym_sam_1526_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1043808.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

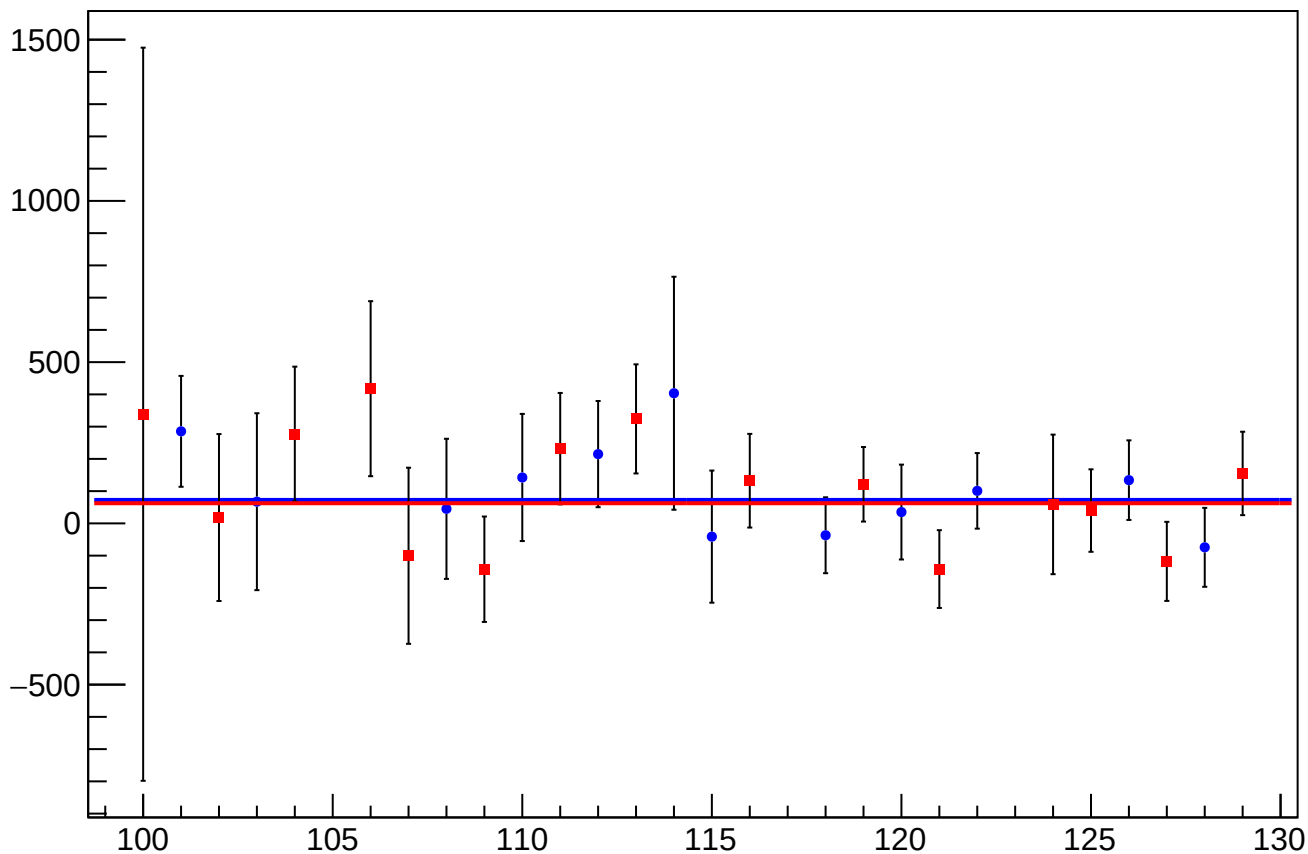
Right: 0.000+/-0.000 χ^2/NDF : 2613124.2/26

In: 0.000+/-0.000 χ^2/NDF : 1043808.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2613124.2/26

reg_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 72.760 $\pm$ 45.360 χ^2 /NDF: 6.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 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

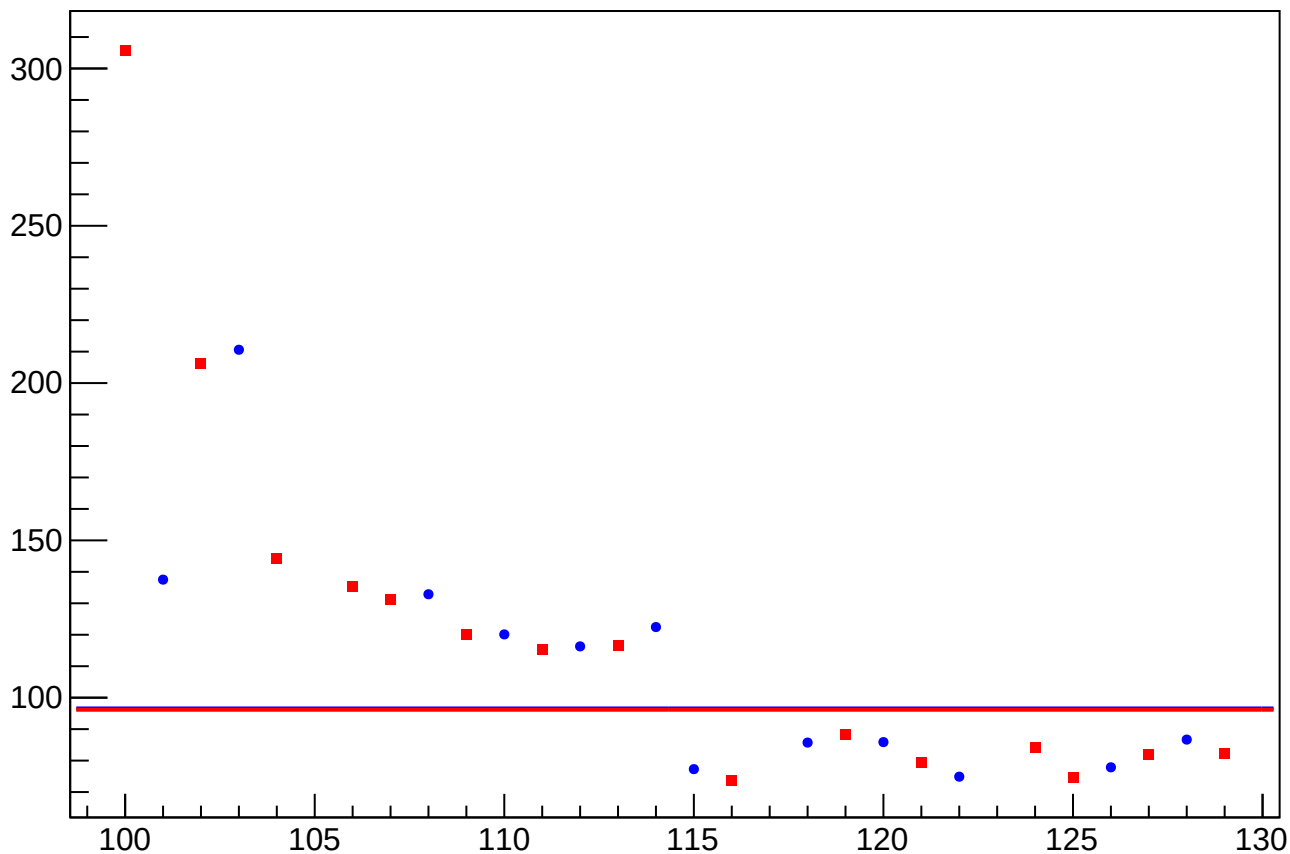
Right: 67.199 $\pm$ 30.754 χ^2 /NDF: 20.5/26

In: 72.760 $\pm$ 45.360 χ^2 /NDF:6.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 67.199 $\pm$ 30.754 χ^2 /NDF: 20.5/26

reg_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 96.566+/-0.032 χ^2/NDF : 755173.4/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

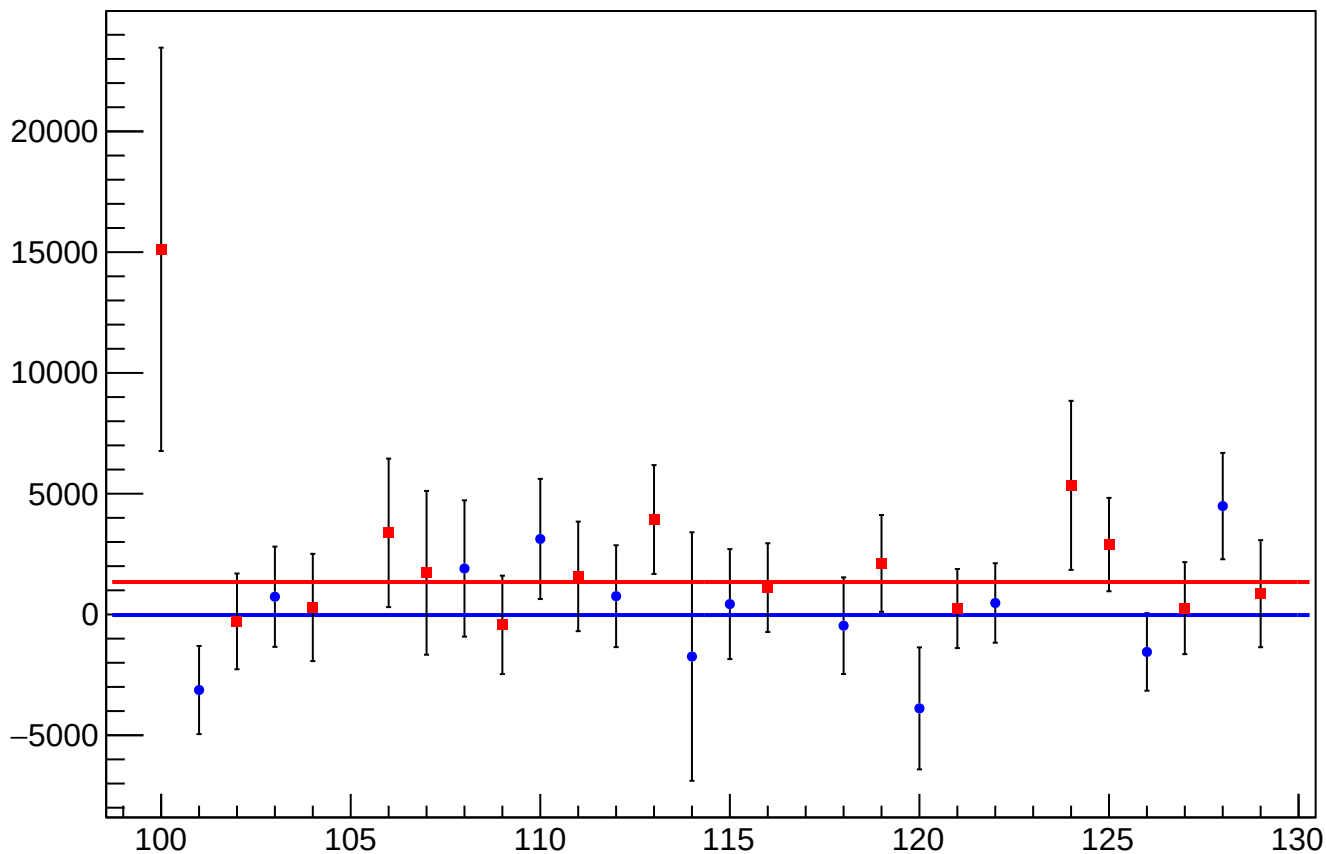
Right: 96.349+/-0.022 χ^2/NDF : 1670603.6/26

In: 96.566+/-0.032 χ^2/NDF :755173.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 96.349+/-0.022 χ^2/NDF : 1670603.6/26

asym_sam_3726_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -23.843 ± 614.872 $\chi^2/\text{NDF}: 13.0/11$

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 $\chi^2/\text{NDF}: 0.0/0$

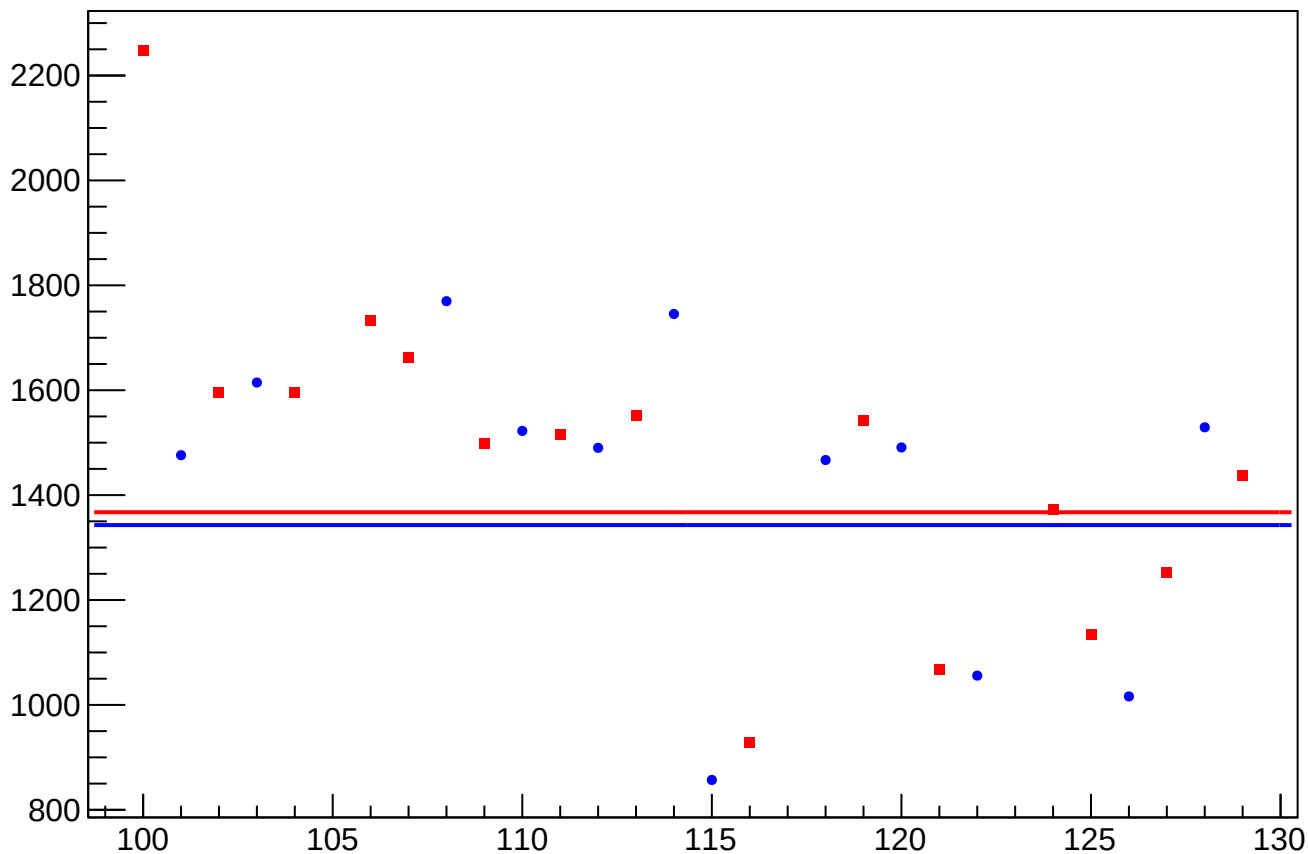
Right: 708.215 ± 419.285 $\chi^2/\text{NDF}: 24.7/26$

In: -23.843 ± 614.872 $\chi^2/\text{NDF}: 13.0/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 708.215 ± 419.285 $\chi^2/\text{NDF}: 24.7/26$

asym_sam_3726_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1342.878+/-0.435 χ^2/NDF : 386827.3/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

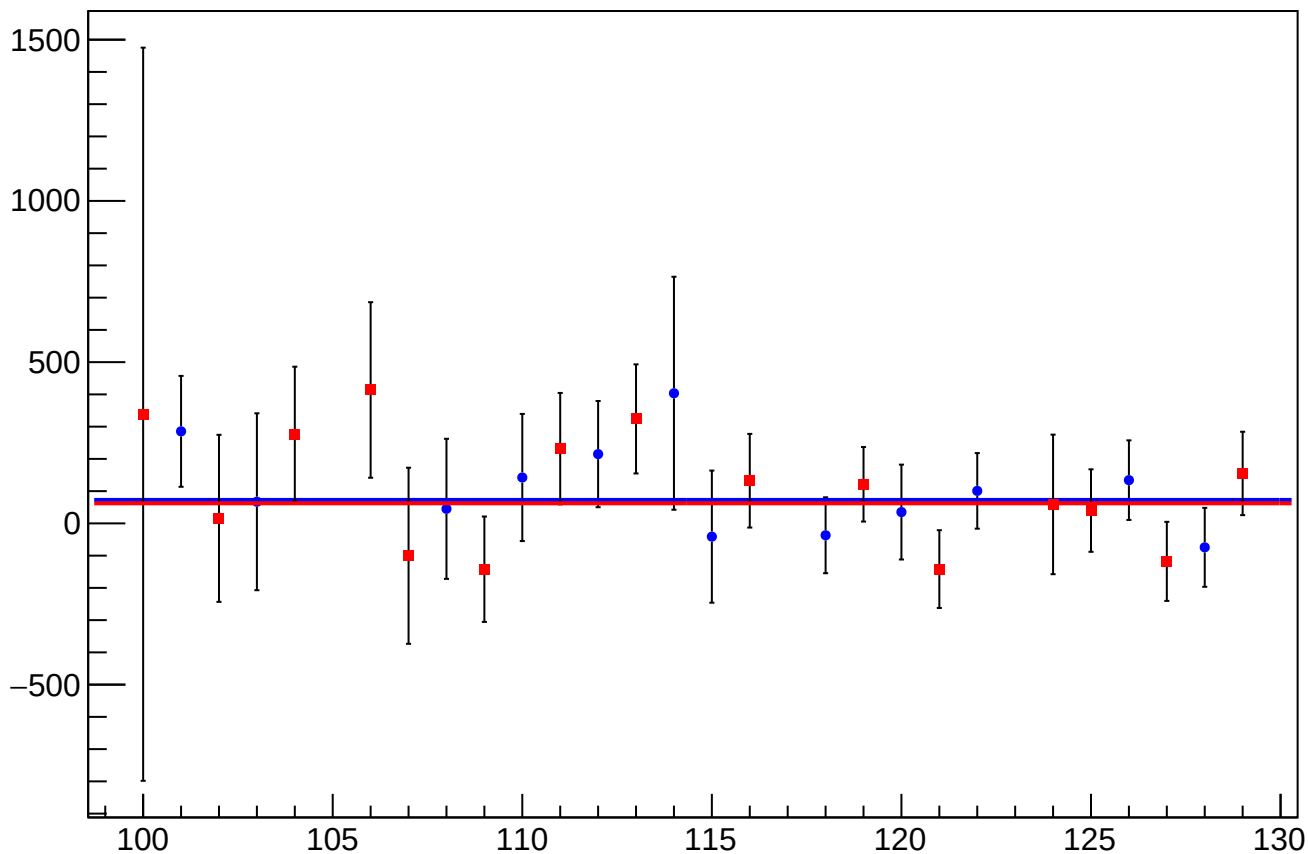
Right: 1355.967+/-0.296 χ^2/NDF : 767441.4/26

In: 1342.878+/-0.435 χ^2/NDF :386827.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1355.967+/-0.296 χ^2/NDF : 767441.4/26

cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 72.753+/-45.360 χ^2/NDF : 6.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

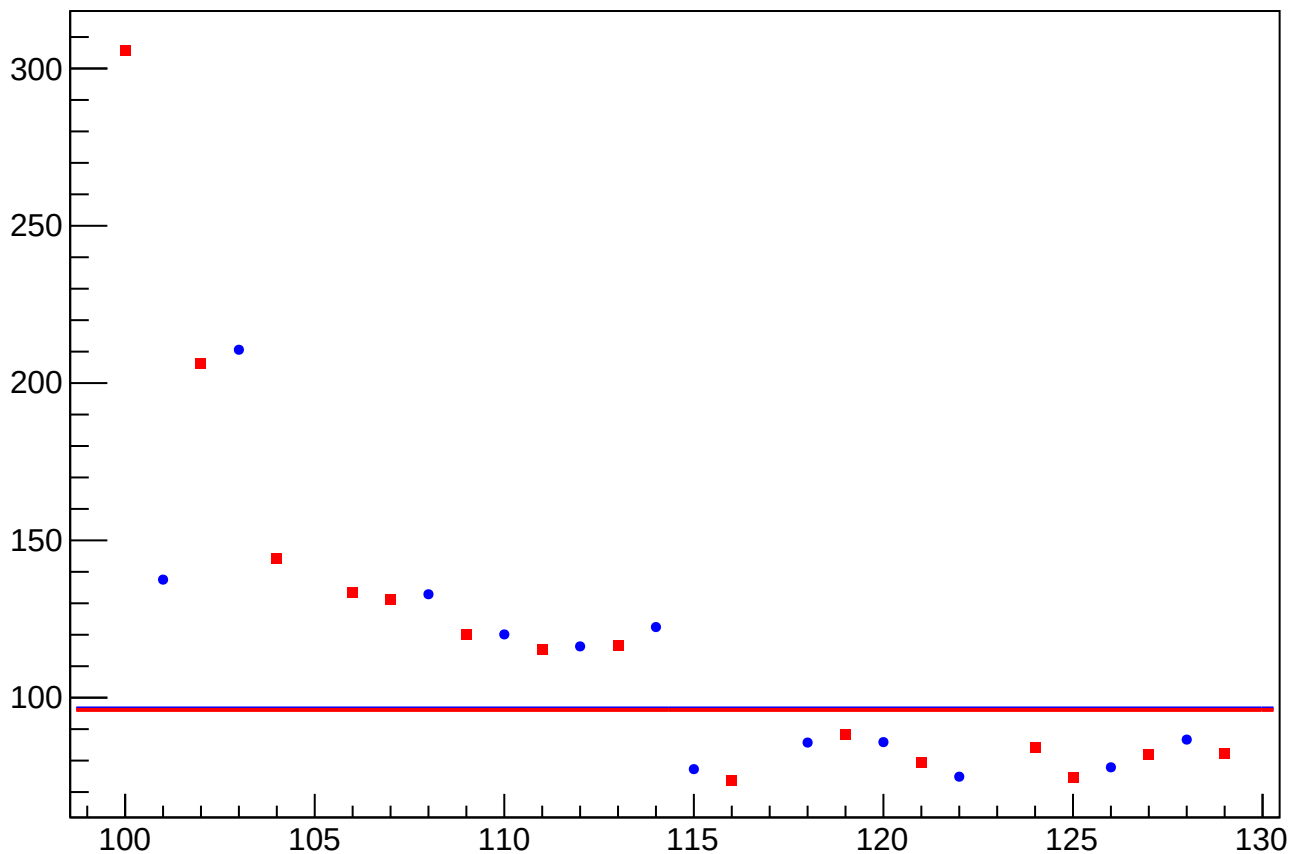
Right: 67.079+/-30.756 χ^2/NDF : 20.4/26

In: 72.753+/-45.360 χ^2/NDF : 6.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.079+/-30.756 χ^2/NDF : 20.4/26

cor_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 96.566+/-0.032 χ^2/NDF : 755176.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

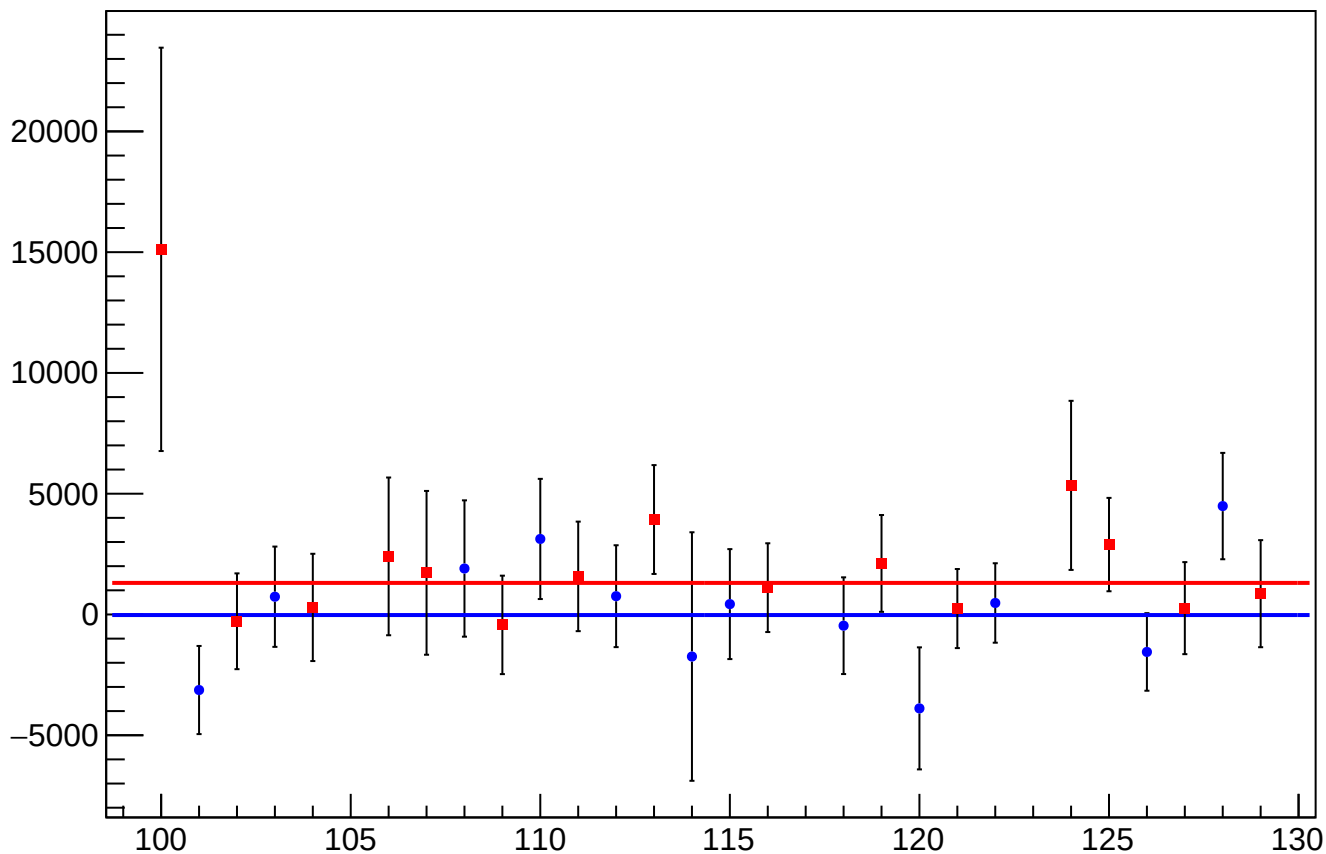
Right: 96.321+/-0.022 χ^2/NDF : 1666662.2/26

In: 96.566+/-0.032 χ^2/NDF : 755176.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.321+/-0.022 χ^2/NDF : 1666662.2/26

asym_sam_3726_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -23.773 ± 614.876 $\chi^2/\text{NDF}: 13.0/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1306.953 ± 574.405 $\chi^2/\text{NDF}: 8.8/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

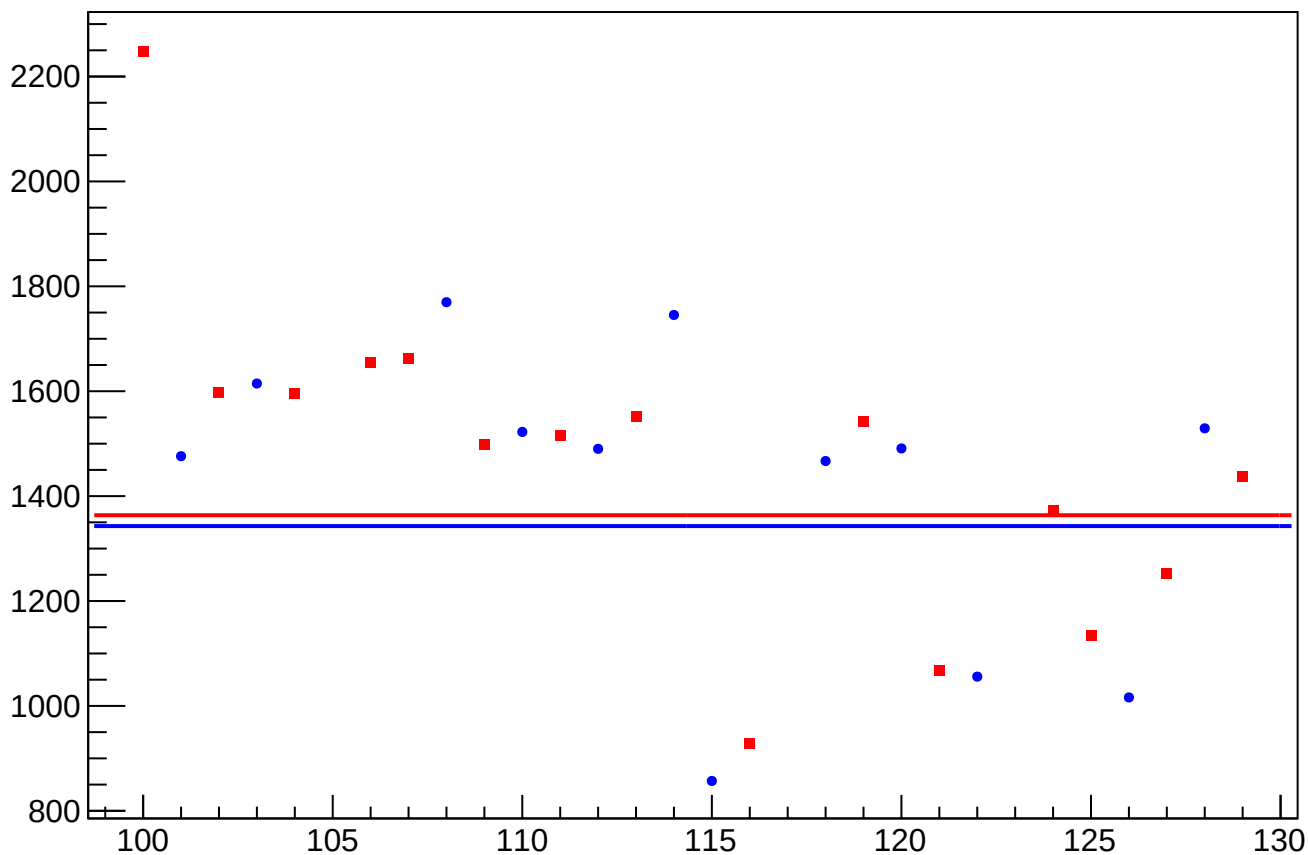
Right: 686.823 ± 419.744 $\chi^2/\text{NDF}: 24.2/26$

In: -23.773 ± 614.876 $\chi^2/\text{NDF}: 13.0/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 686.823 ± 419.744 $\chi^2/\text{NDF}: 24.2/26$

asym_sam_3726_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1342.884+/-0.435 χ^2/NDF : 386851.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

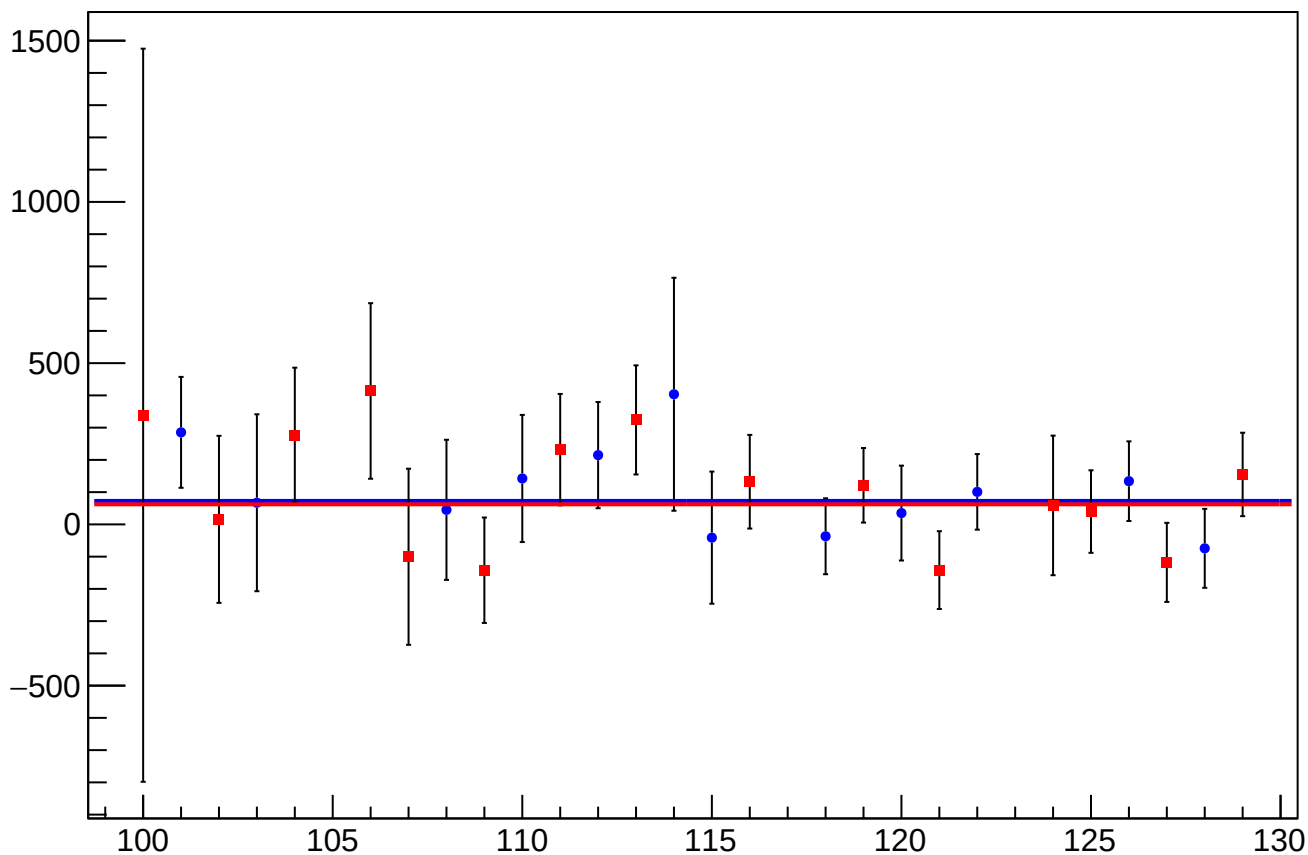
Right: 1353.915+/-0.297 χ^2/NDF : 754322.2/26

In: 1342.884+/-0.435 χ^2/NDF : 386851.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1353.915+/-0.297 χ^2/NDF : 754322.2/26

eigen_cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 72.753+/-45.360 χ^2/NDF : 6.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

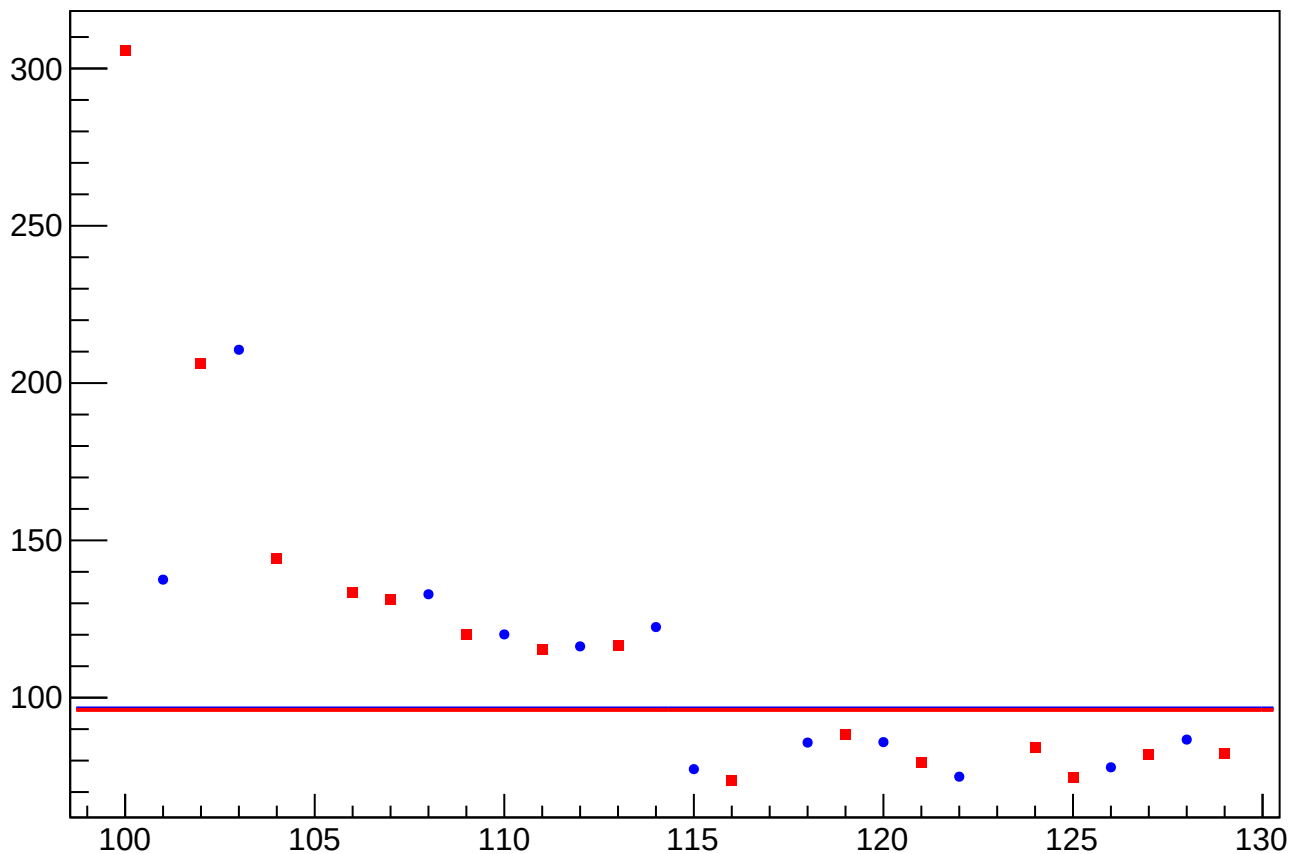
Right: 67.079+/-30.756 χ^2/NDF : 20.4/26

In: 72.753+/-45.360 χ^2/NDF : 6.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.079+/-30.756 χ^2/NDF : 20.4/26

eigen_cor_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 96.566+/-0.032 χ^2/NDF : 755176.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

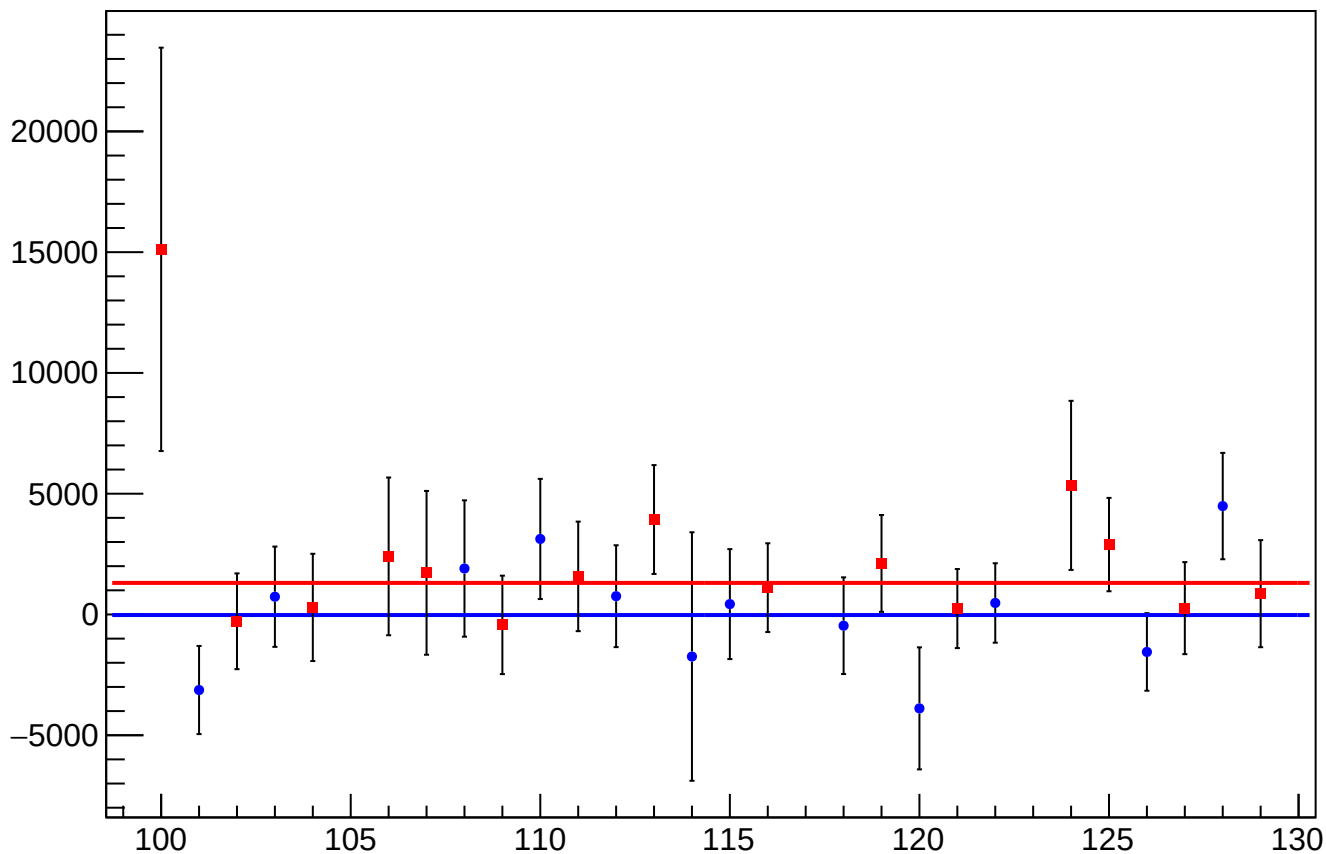
Right: 96.321+/-0.022 χ^2/NDF : 1666662.2/26

In: 96.566+/-0.032 χ^2/NDF : 755176.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.321+/-0.022 χ^2/NDF : 1666662.2/26

asym_sam_3726_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -23.773 ± 614.876 $\chi^2/\text{NDF}: 13.0/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1306.953 ± 574.405 $\chi^2/\text{NDF}: 8.8/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

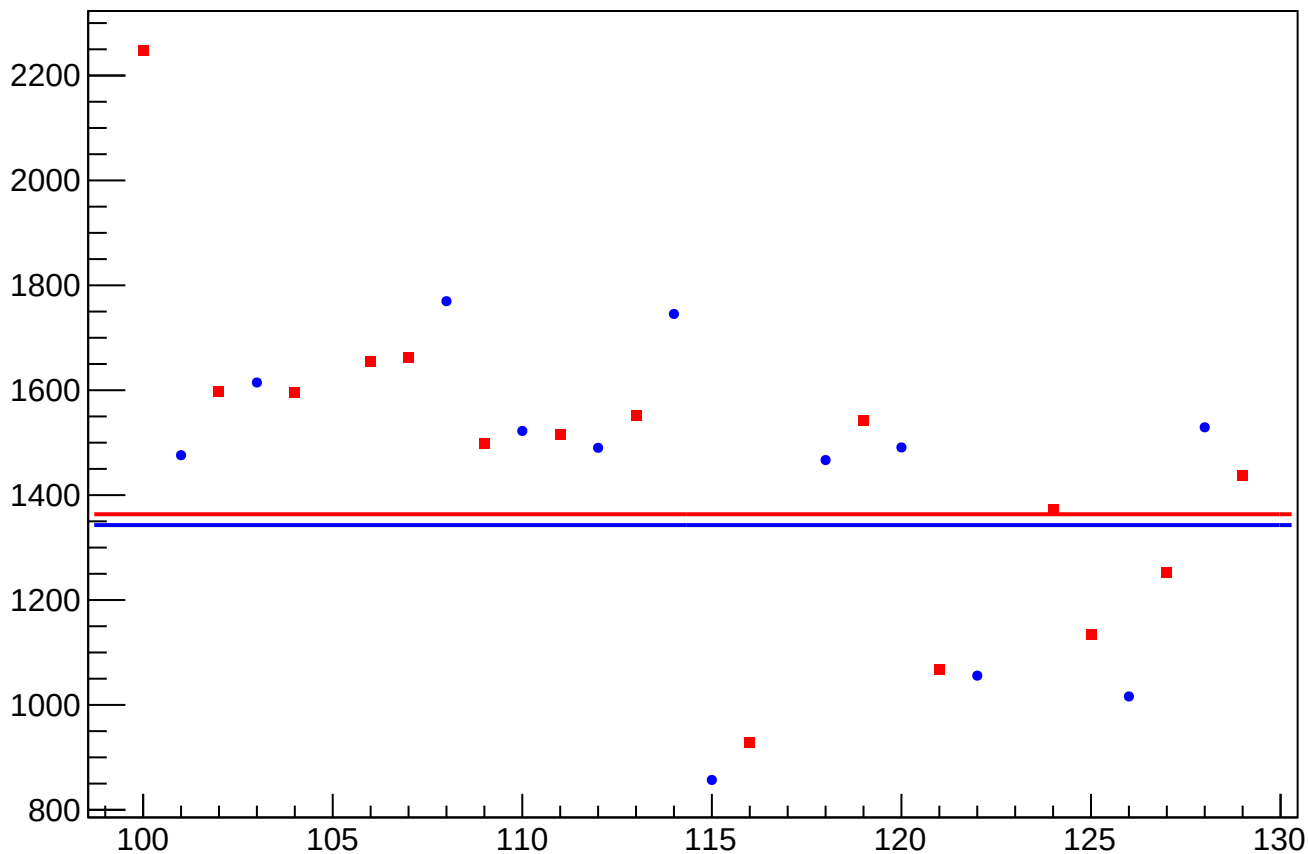
Right: 686.823 ± 419.744 $\chi^2/\text{NDF}: 24.2/26$

In: -23.773 ± 614.876 $\chi^2/\text{NDF}: 13.0/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 686.823 ± 419.744 $\chi^2/\text{NDF}: 24.2/26$

asym_sam_3726_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1342.884+/-0.435 χ^2/NDF : 386851.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

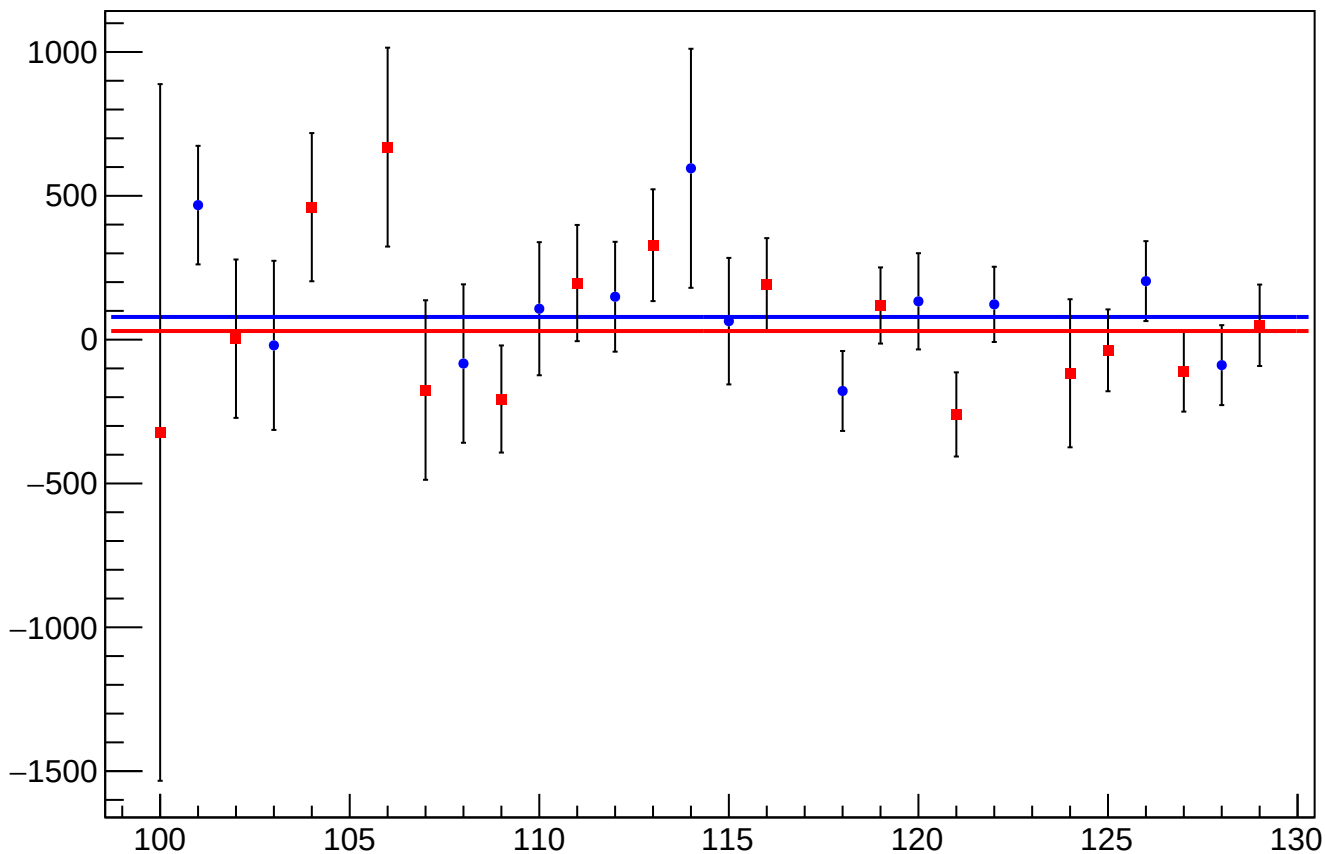
Right: 1353.915+/-0.297 χ^2/NDF : 754322.2/26

In: 1342.884+/-0.435 χ^2/NDF : 386851.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1353.915+/-0.297 χ^2/NDF : 754322.2/26

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 78.851 $\pm$ 51.947 χ^2 /NDF: 11.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 29.983 $\pm$ 47.931 χ^2 /NDF: 18.3/14

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

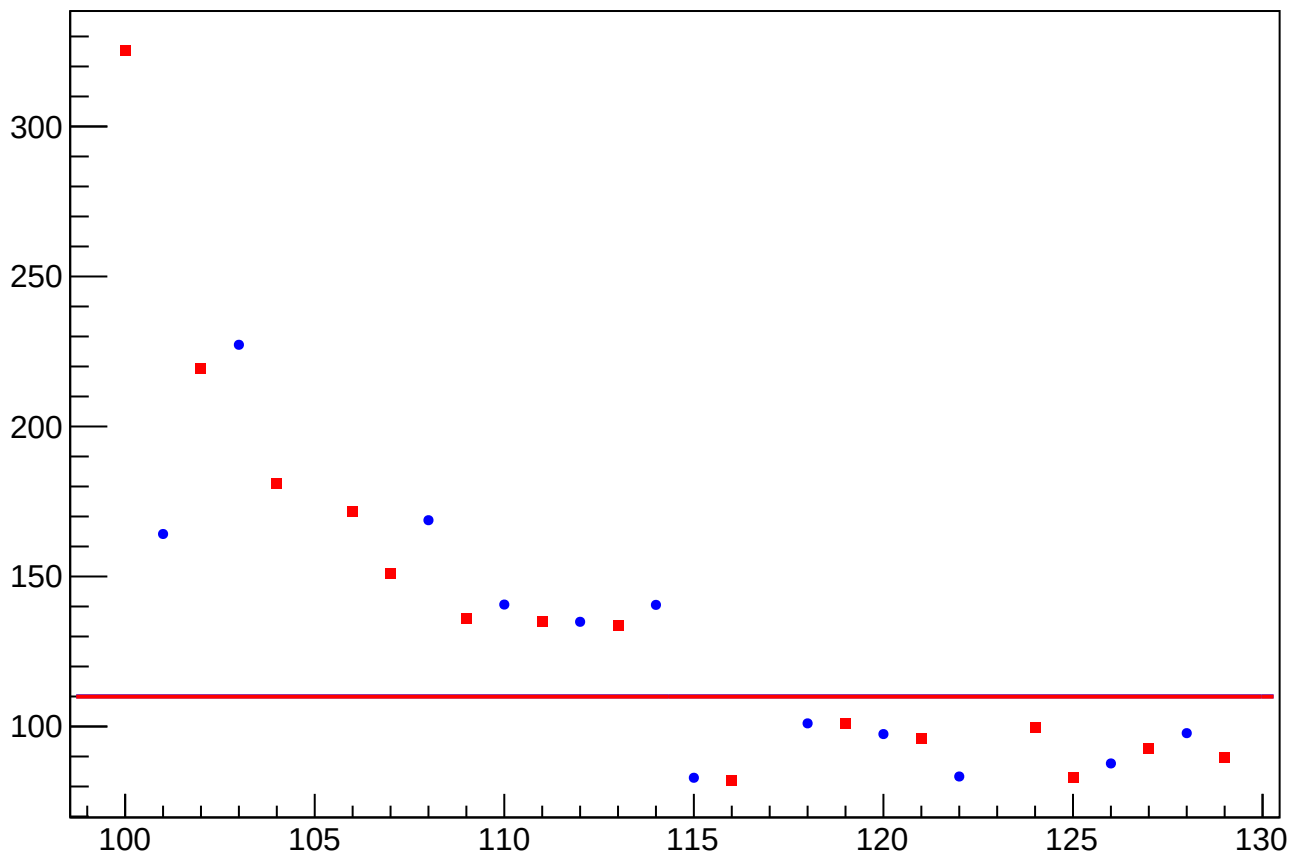
Right: 52.455 $\pm$ 35.227 χ^2 /NDF: 30.4/26

In: 78.851 $\pm$ 51.947 χ^2 /NDF:11.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 52.455 $\pm$ 35.227 χ^2 /NDF: 30.4/26

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 110.049+/-0.037 χ^2/NDF : 827342.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

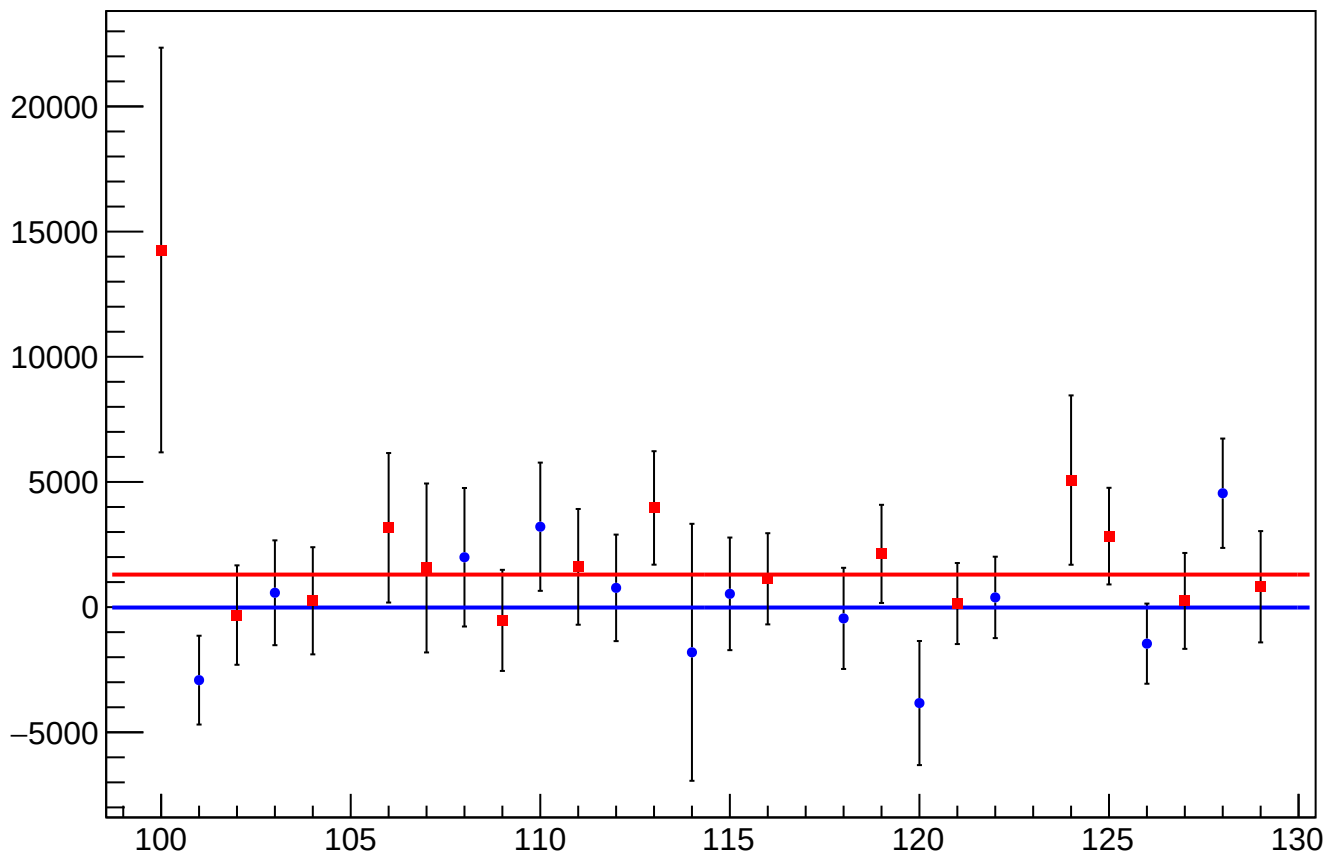
Right: 109.994+/-0.025 χ^2/NDF : 1789677.8/26

In: 110.049+/-0.037 χ^2/NDF : 827342.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.994+/-0.025 χ^2/NDF : 1789677.8/26

asym_sam_3726_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -16.087+/-611.839 χ^2/NDF : 12.8/11

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

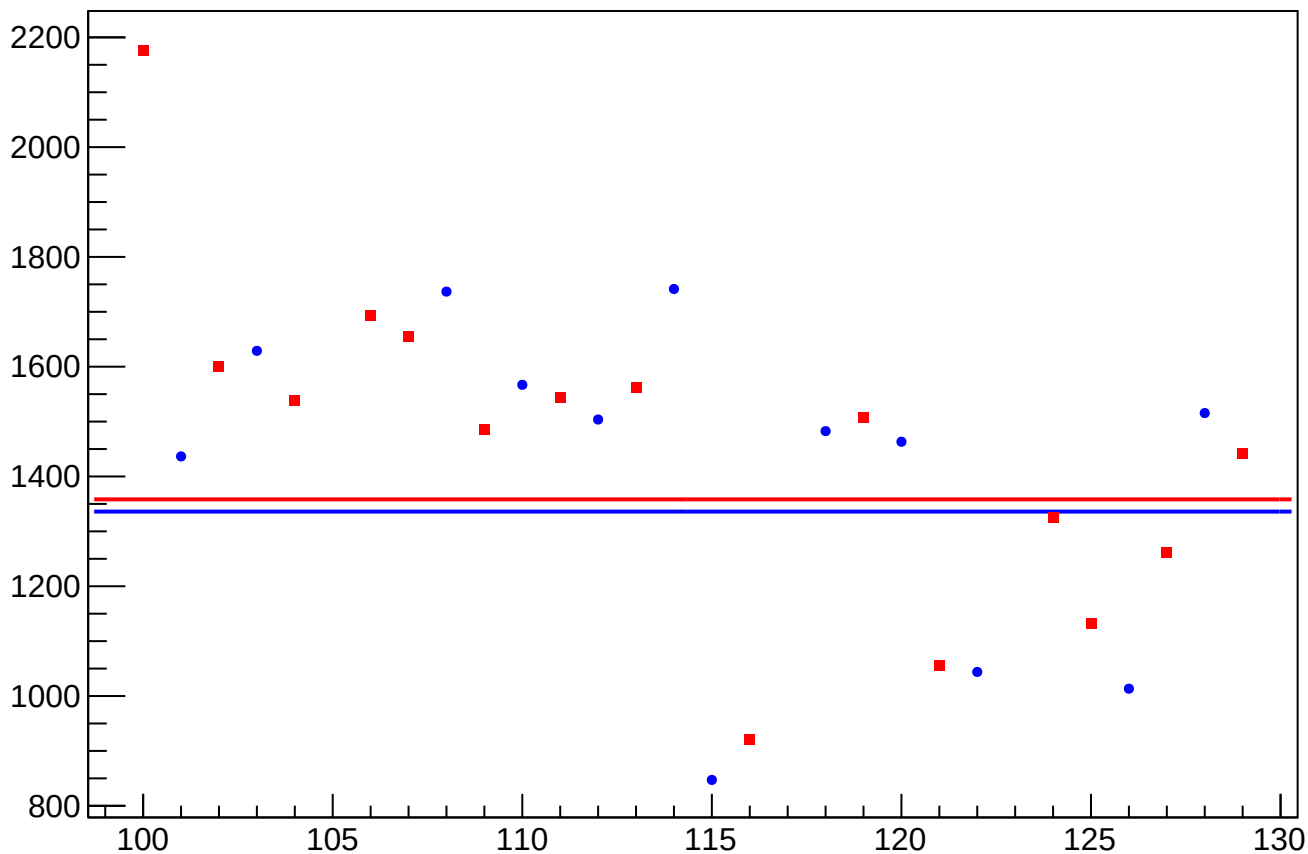
Right: 689.581+/-416.676 χ^2/NDF : 24.3/26

In: -16.087+/-611.839 χ^2/NDF : 12.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 689.581+/-416.676 χ^2/NDF : 24.3/26

asym_sam_3726_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1336.026+/-0.433 χ^2/NDF : 398323.0/11

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

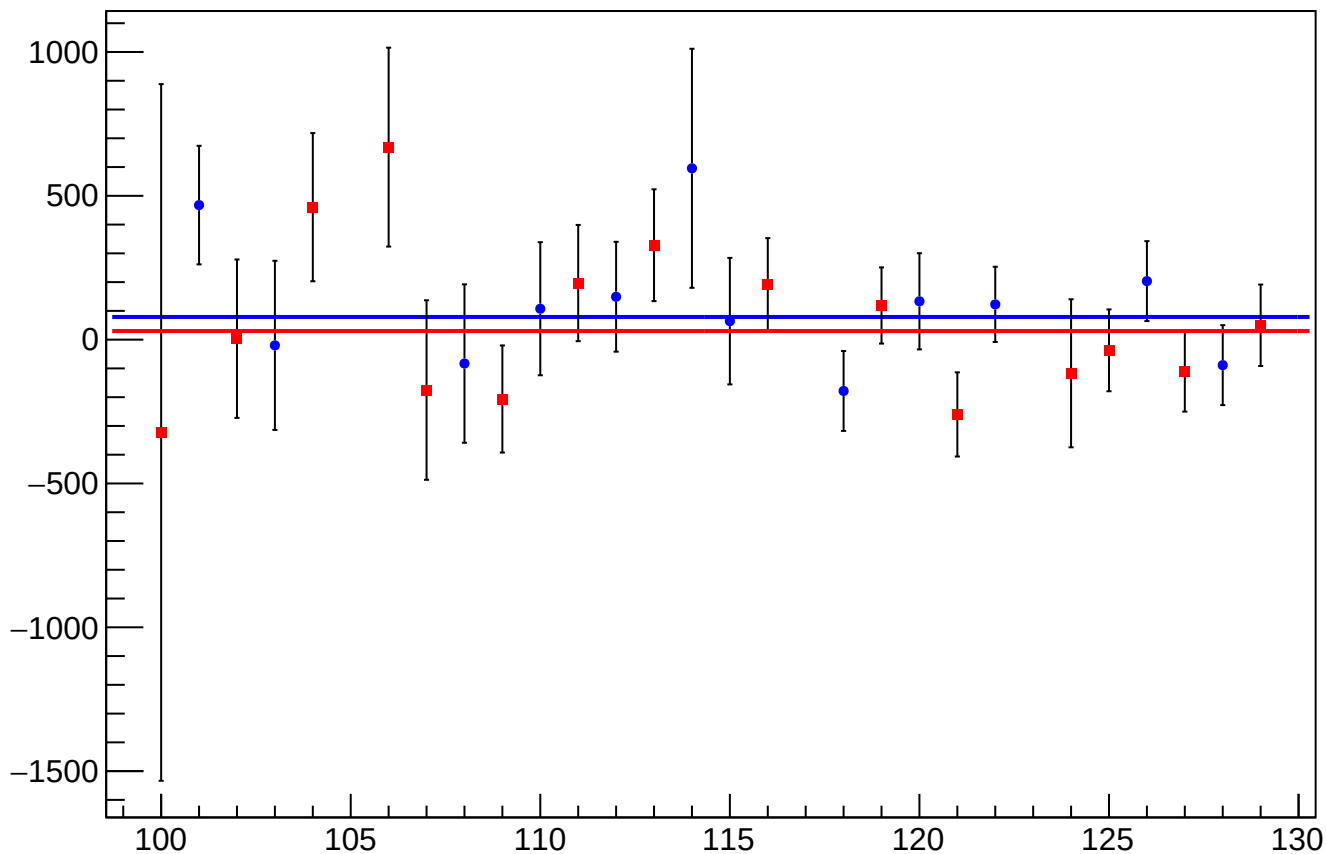
Right: 1347.976+/-0.295 χ^2/NDF : 774572.2/26

In: 1336.026+/-0.433 χ^2/NDF : 398323.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1347.976+/-0.295 χ^2/NDF : 774572.2/26

eigen_dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 78.850 $\pm$ 51.947 χ^2 /NDF: 11.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 29.979 $\pm$ 47.931 χ^2 /NDF: 18.3/14

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

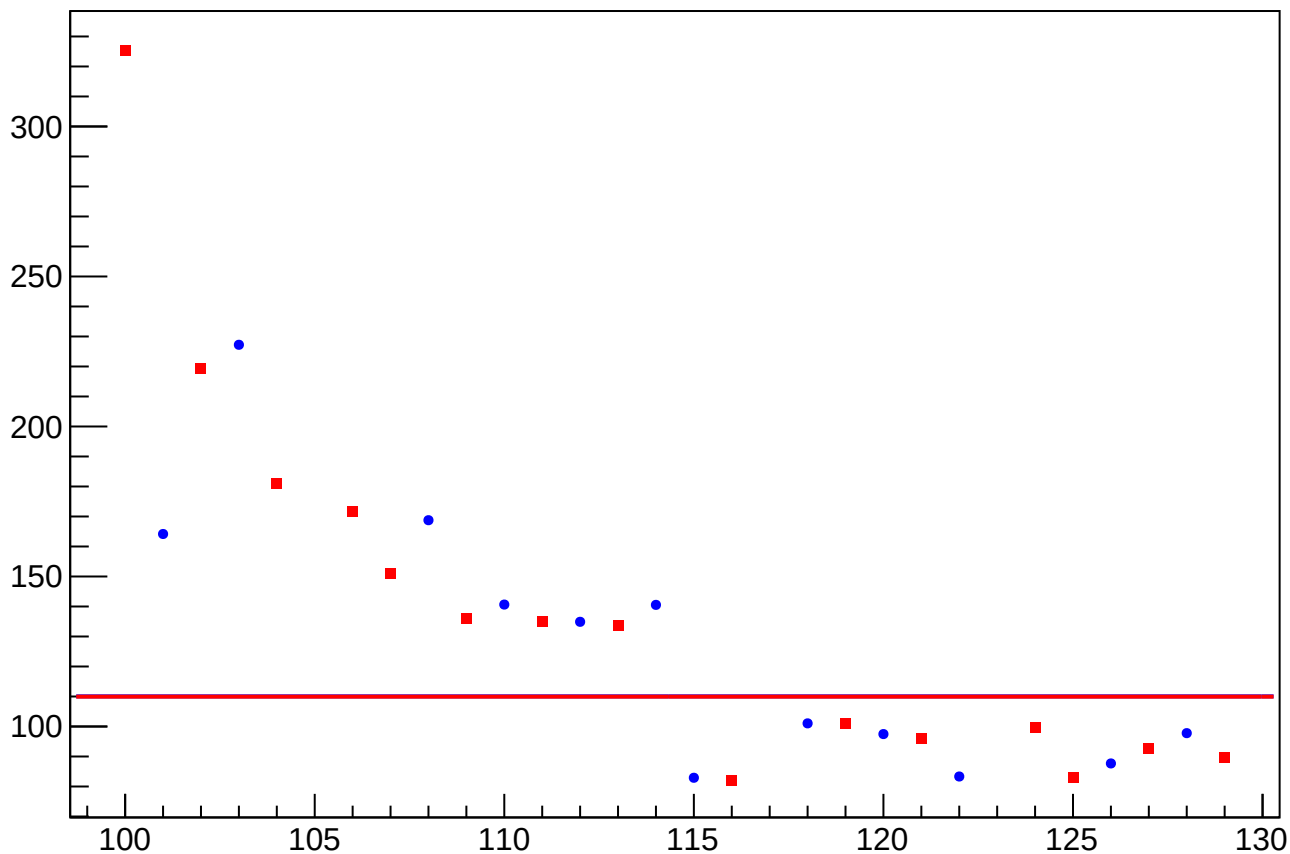
Right: 52.453 $\pm$ 35.227 χ^2 /NDF: 30.4/26

In: 78.850 $\pm$ 51.947 χ^2 /NDF:11.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 52.453 $\pm$ 35.227 χ^2 /NDF: 30.4/26

eigen_dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 110.049+/-0.037 χ^2/NDF : 827335.4/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

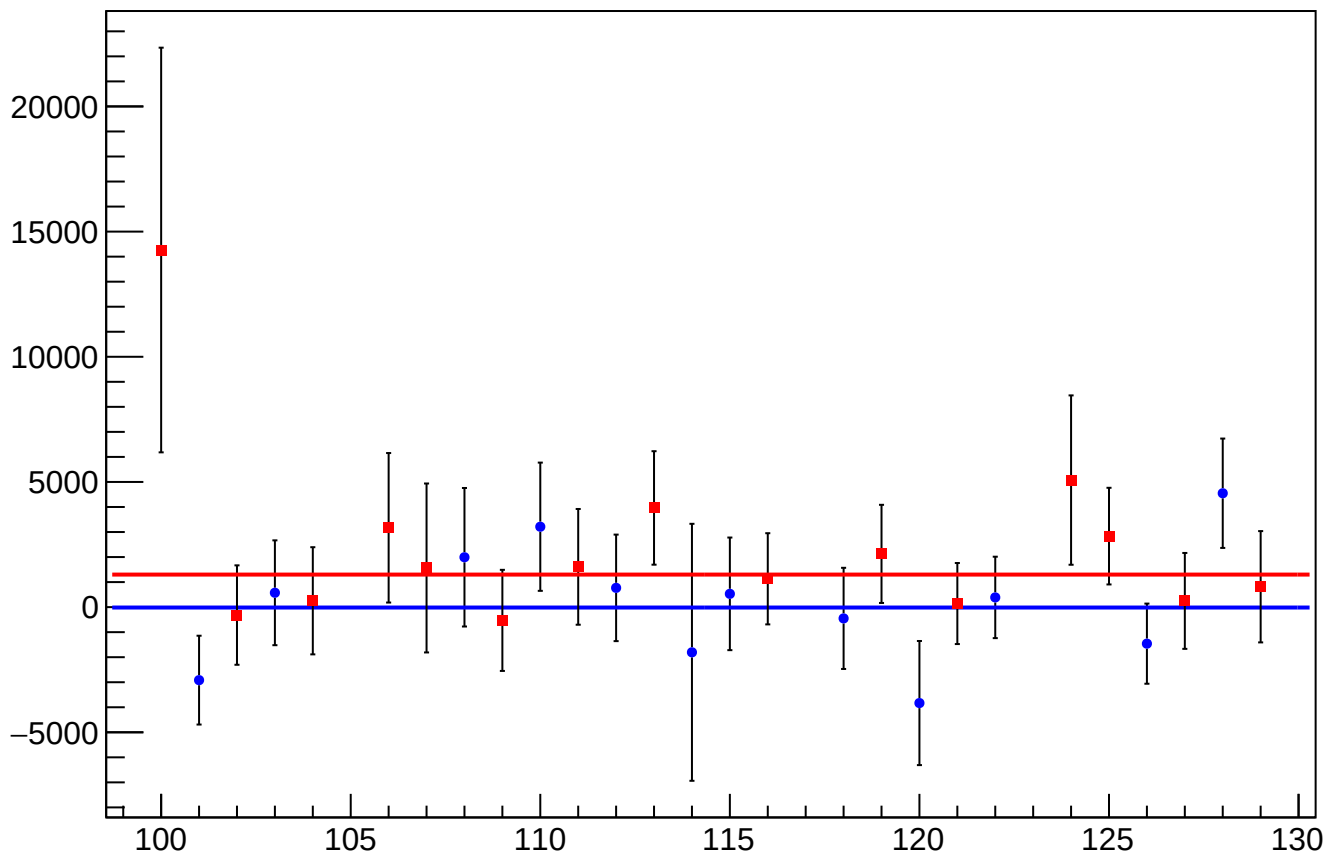
Right: 109.994+/-0.025 χ^2/NDF : 1789668.3/26

In: 110.049+/-0.037 χ^2/NDF :827335.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 109.994+/-0.025 χ^2/NDF : 1789668.3/26

asym_sam_3726_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -16.085 ± 611.837 χ^2/NDF : 12.8/11

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

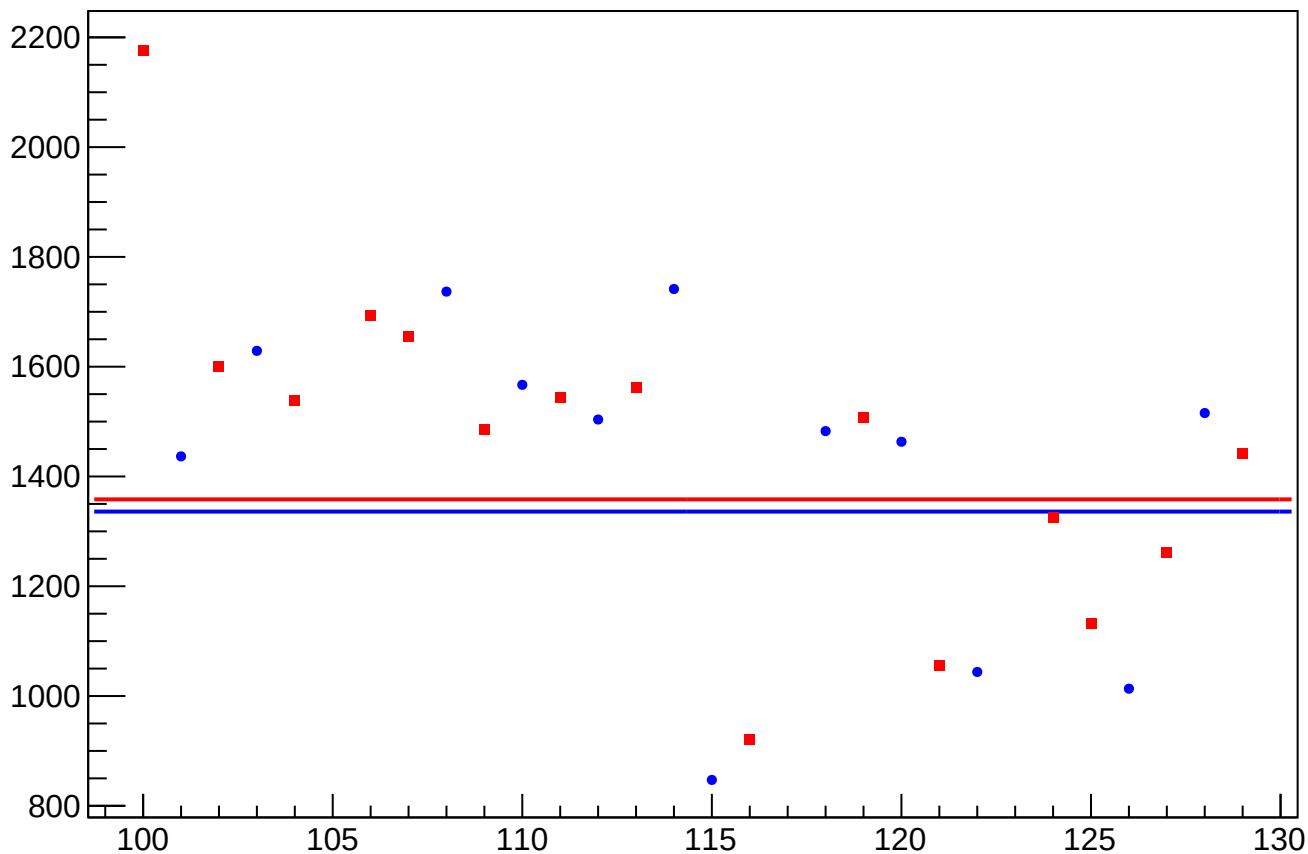
Right: 689.581 ± 416.675 χ^2/NDF : 24.3/26

In: -16.085 ± 611.837 χ^2/NDF : 12.8/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 689.581 ± 416.675 χ^2/NDF : 24.3/26

asym_sam_3726_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1336.023+/-0.433 χ^2/NDF : 398318.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

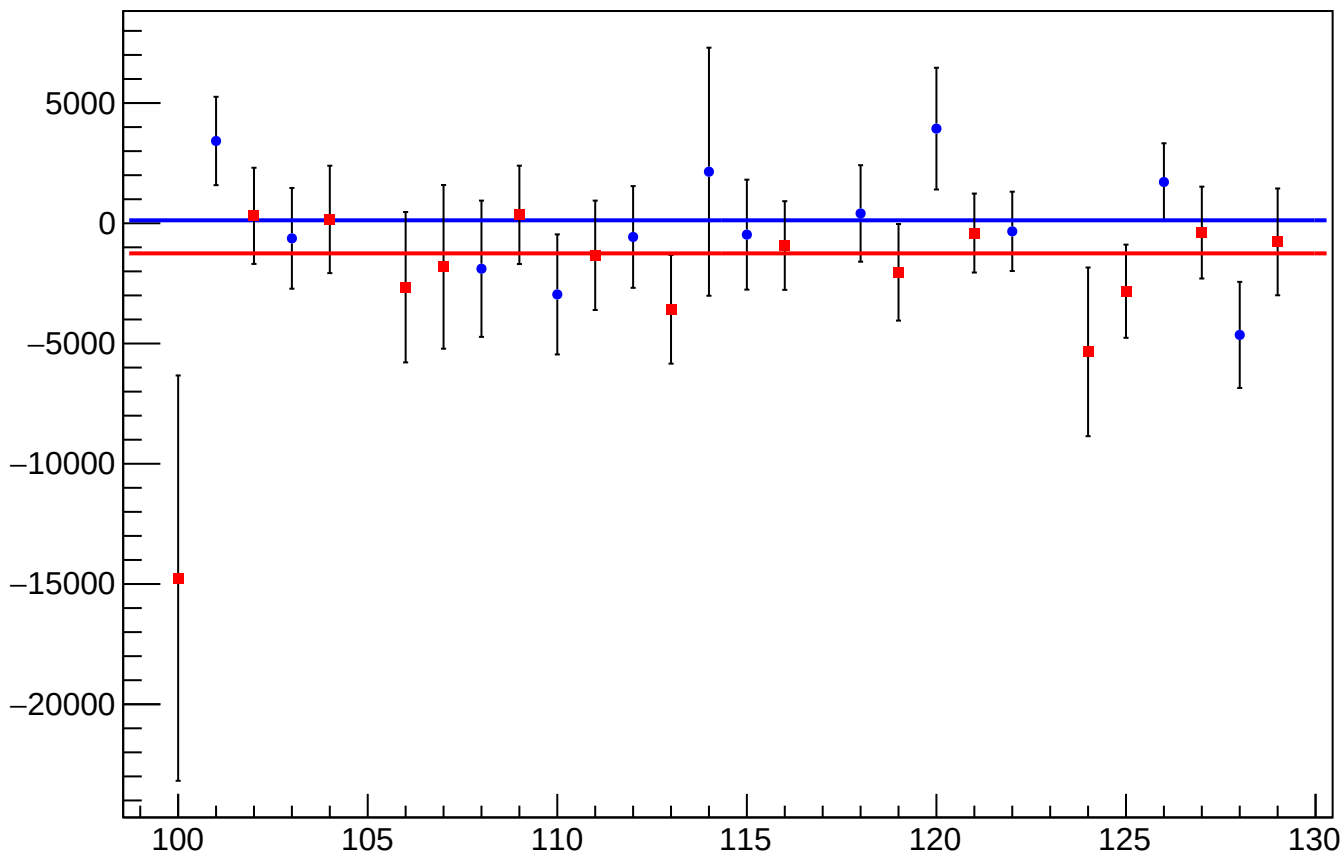
Right: 1347.973+/-0.295 χ^2/NDF : 774563.4/26

In: 1336.023+/-0.433 χ^2/NDF : 398318.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1347.973+/-0.295 χ^2/NDF : 774563.4/26

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 123.392 $\pm$ 617.228 χ^2 /NDF: 13.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -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

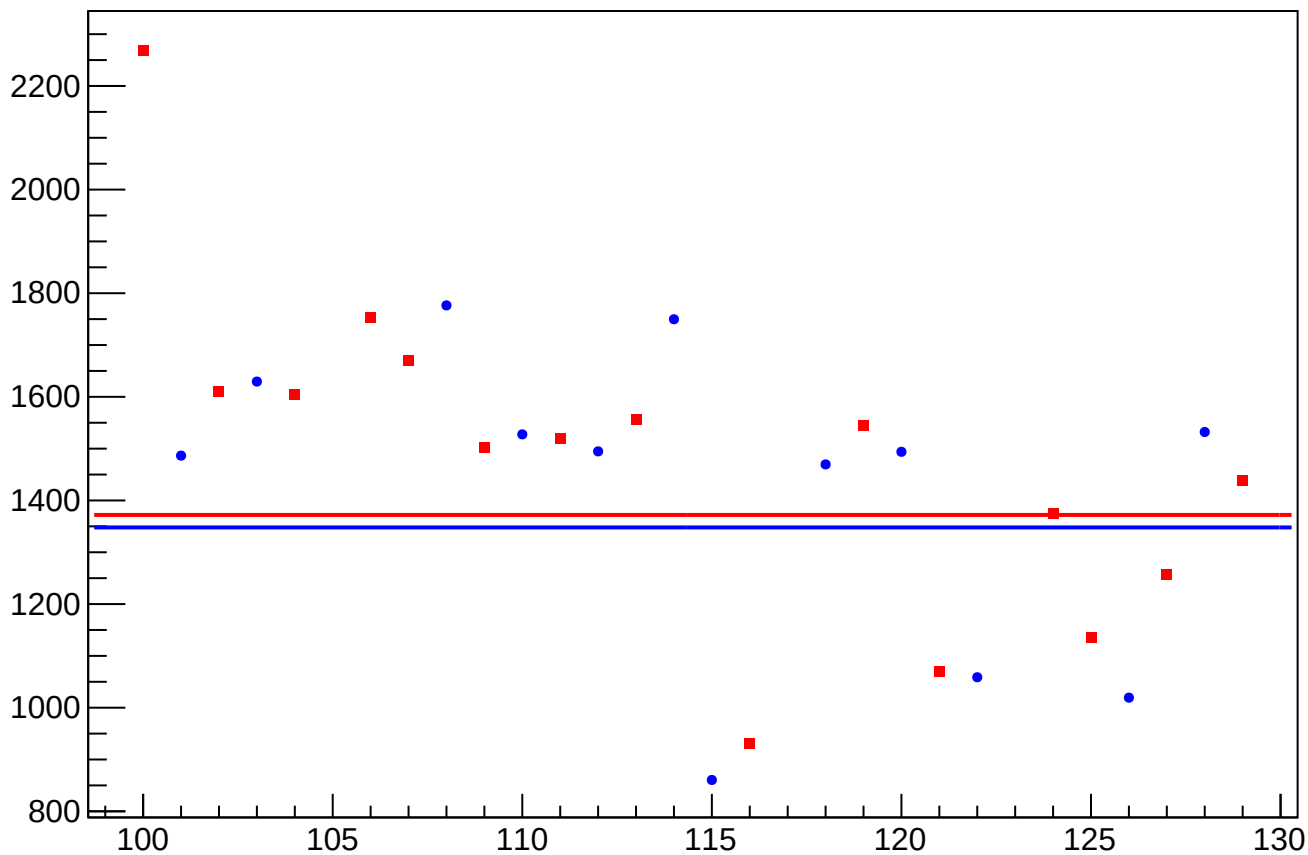
Right: -612.133 $\pm$ 420.919 χ^2 /NDF: 24.6/26

In: 123.392 $\pm$ 617.228 χ^2 /NDF:13.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -612.133 $\pm$ 420.919 χ^2 /NDF: 24.6/26

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 1347.928+/-0.436 χ^2/NDF : 389013.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

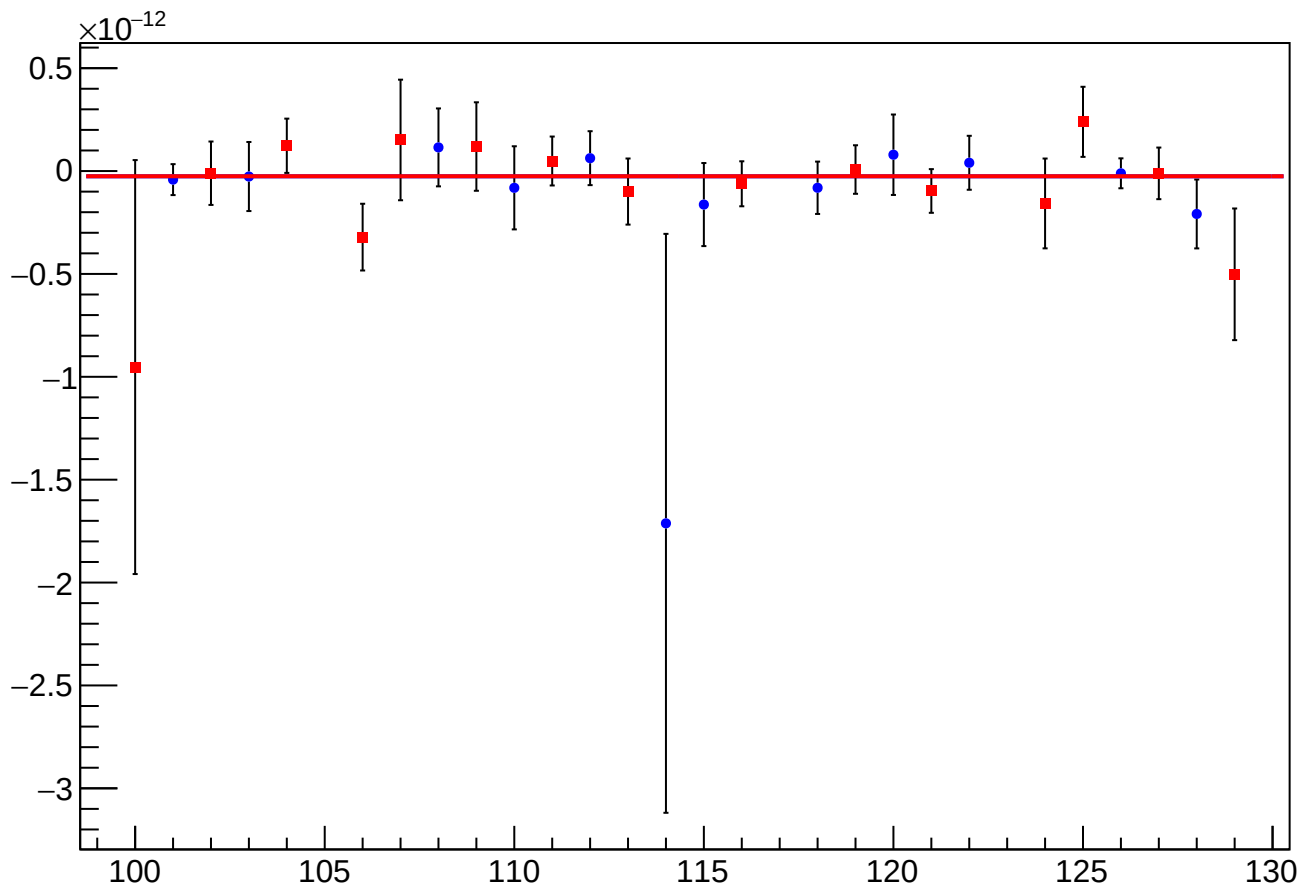
Right: 1360.831+/-0.298 χ^2/NDF : 773841.3/26

In: 1347.928+/-0.436 χ^2/NDF : 389013.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1360.831+/-0.298 χ^2/NDF : 773841.3/26

asym_sam_3726_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 5.0/11

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

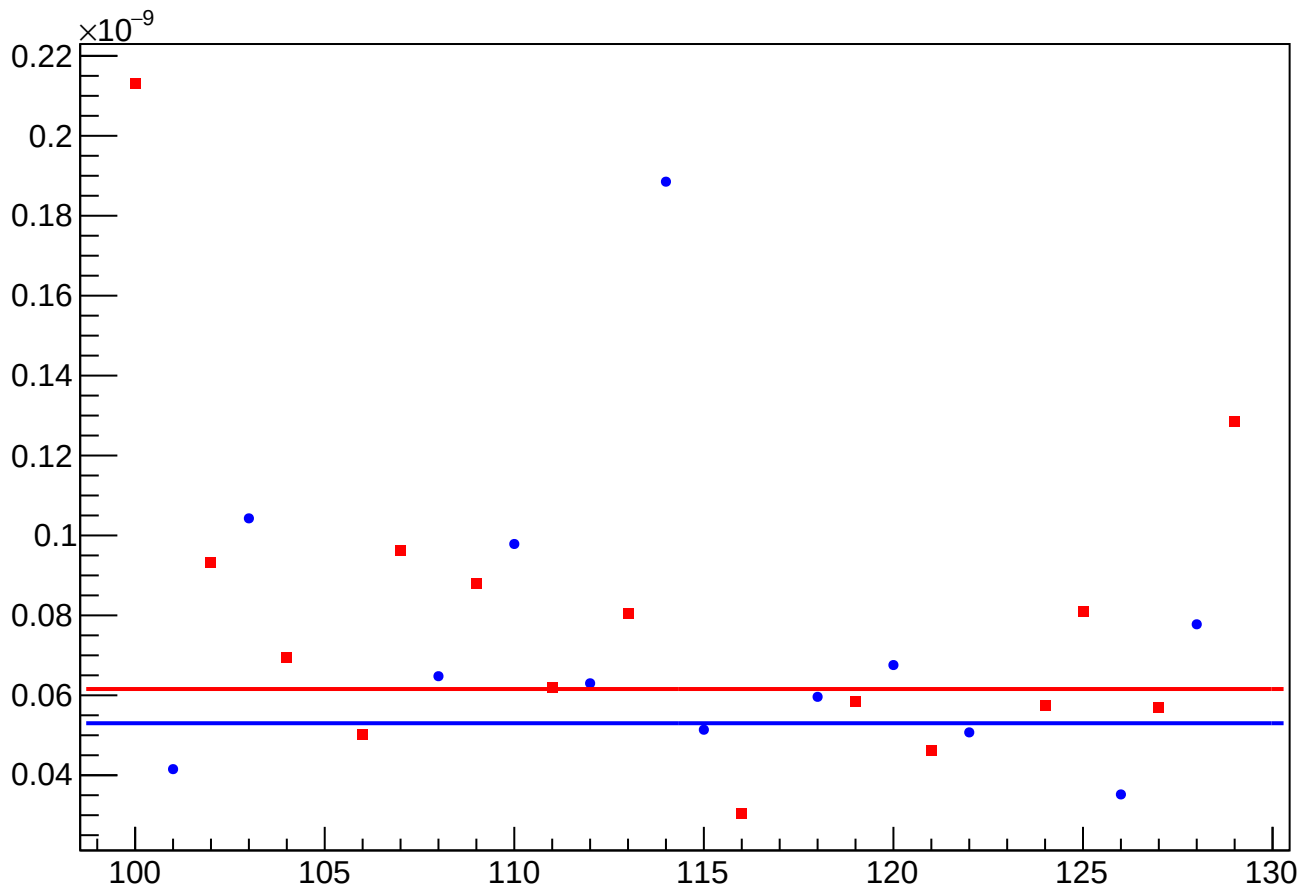
Right: -0.000+/-0.000 χ^2 /NDF: 17.5/26

In: -0.000+/-0.000 χ^2 /NDF:5.0/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 17.5/26

asym_sam_3726_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 550651.5/11

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

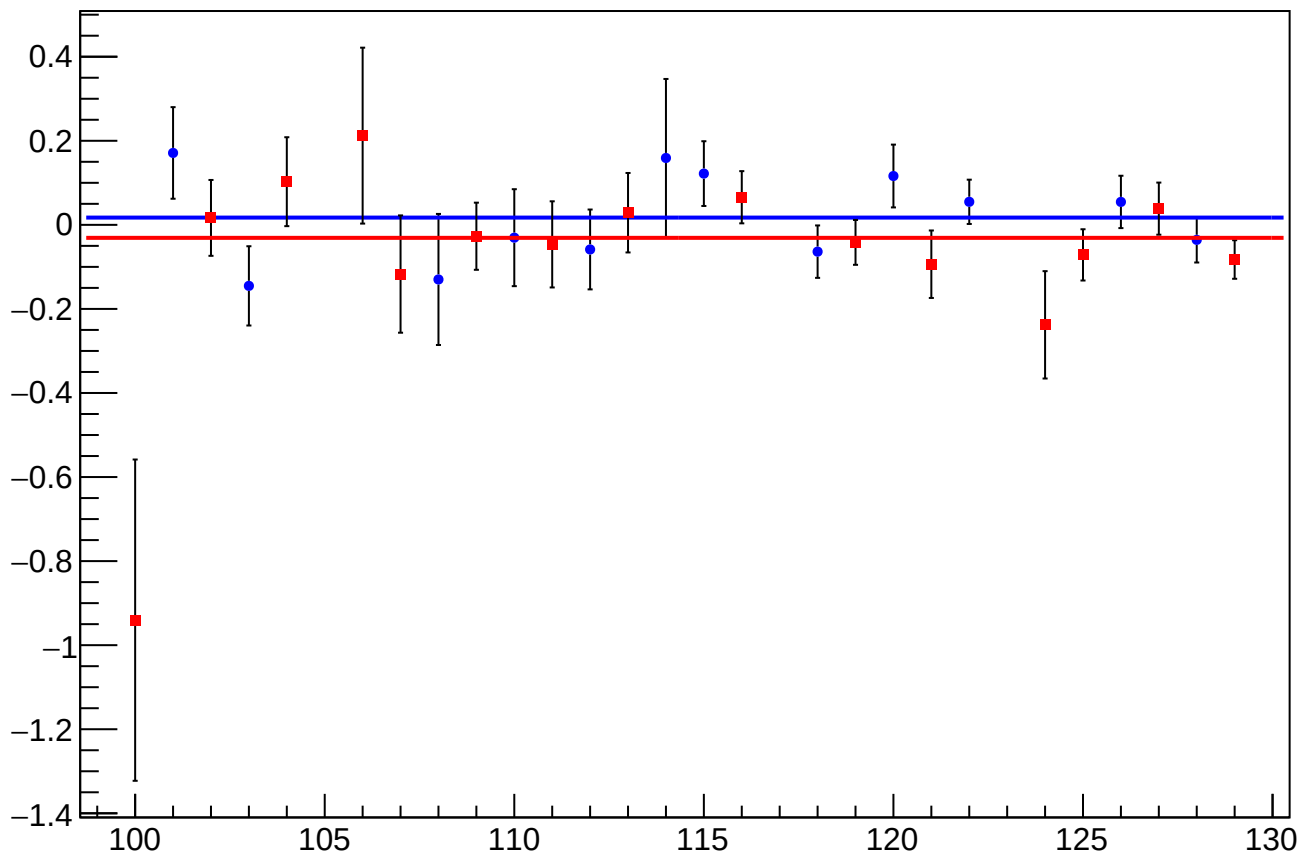
Right: 0.000+/-0.000 χ^2/NDF : 1155933.2/26

In: 0.000+/-0.000 χ^2/NDF : 550651.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1155933.2/26

asym_sam_3726_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.022 χ^2/NDF : 14.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.031+/-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

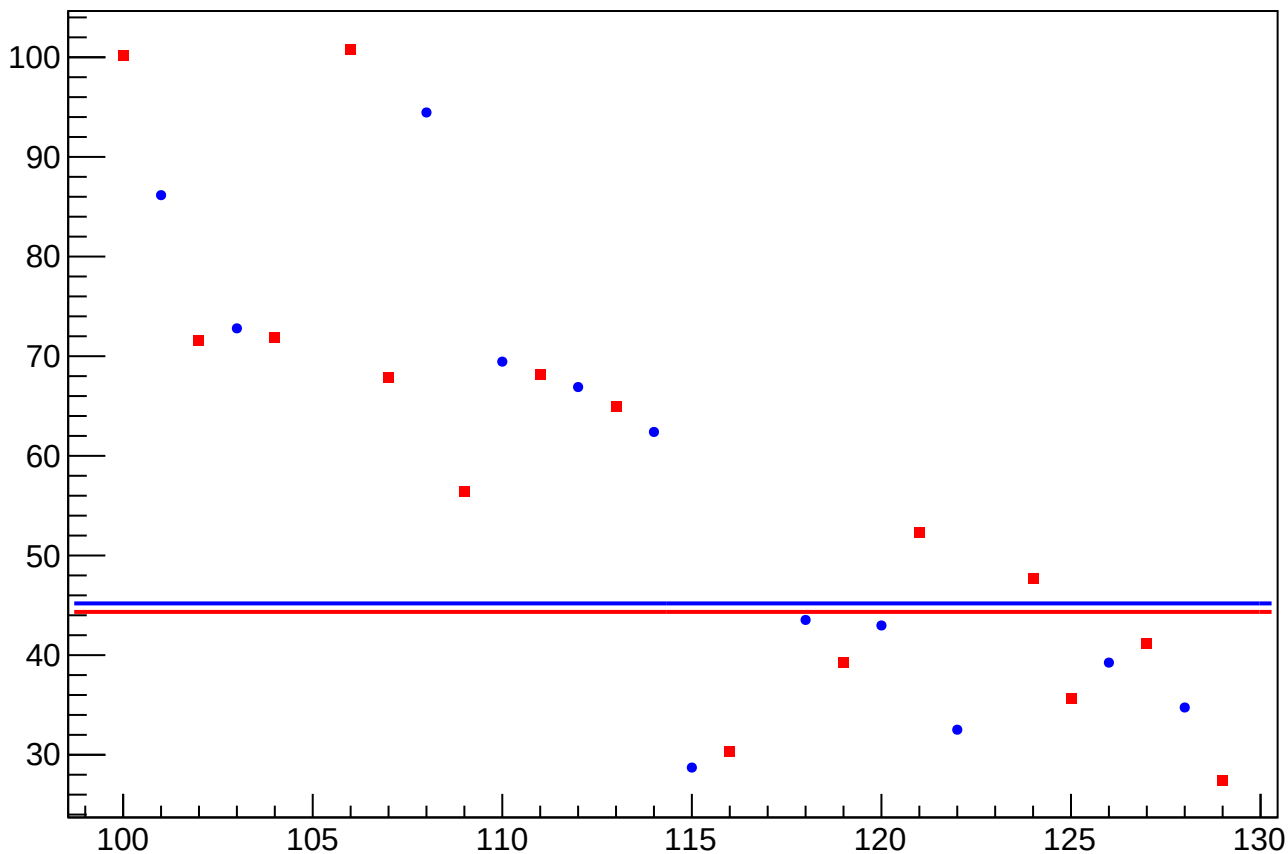
Right: -0.009+/-0.015 χ^2/NDF : 35.3/26

In: 0.017+/-0.022 χ^2/NDF : 14.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.015 χ^2/NDF : 35.3/26

asym_sam_3726_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.192+/-0.016 χ^2/NDF : 1167460.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

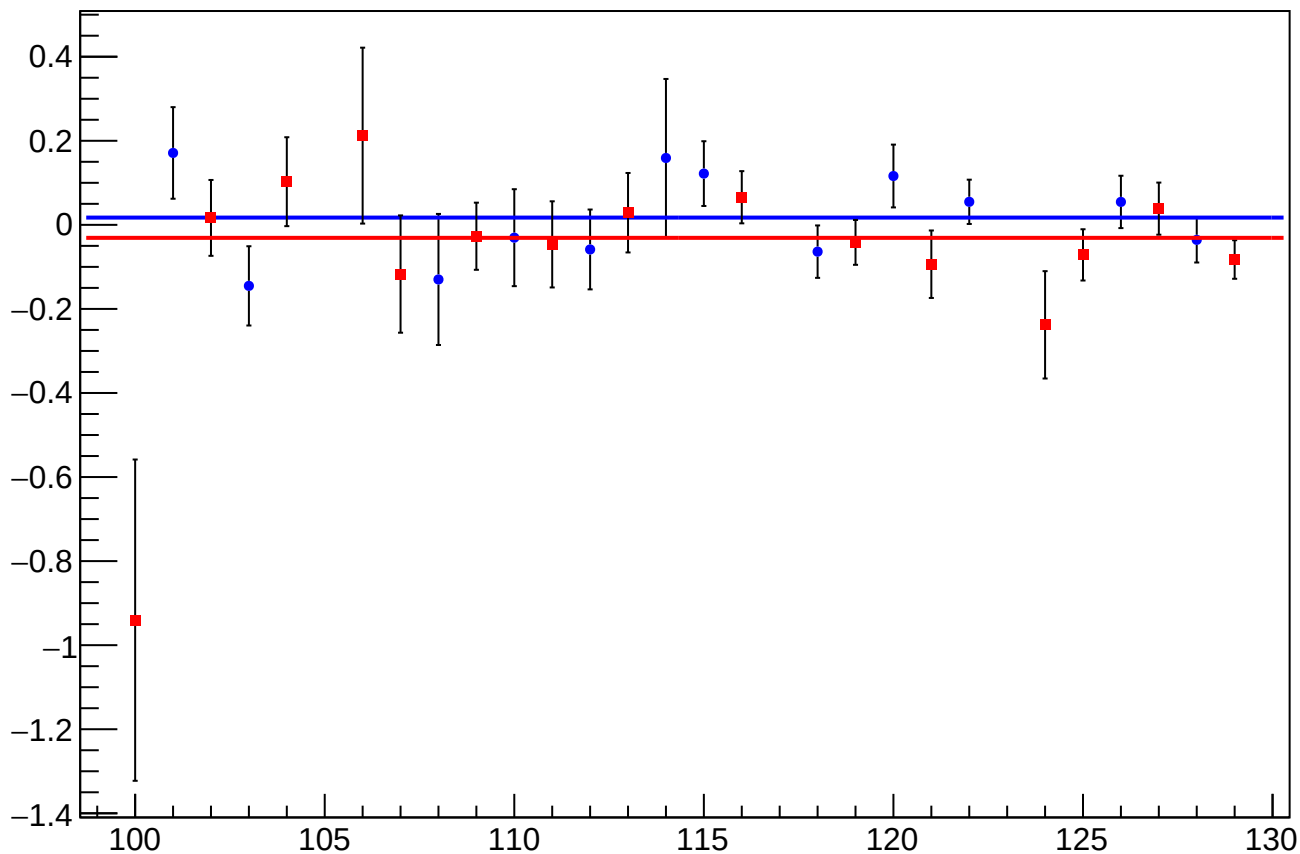
Right: 44.721+/-0.011 χ^2/NDF : 2439236.1/26

In: 45.192+/-0.016 χ^2/NDF : 1167460.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.721+/-0.011 χ^2/NDF : 2439236.1/26

asym_sam_3726_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.022 χ^2/NDF : 14.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.031+/-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

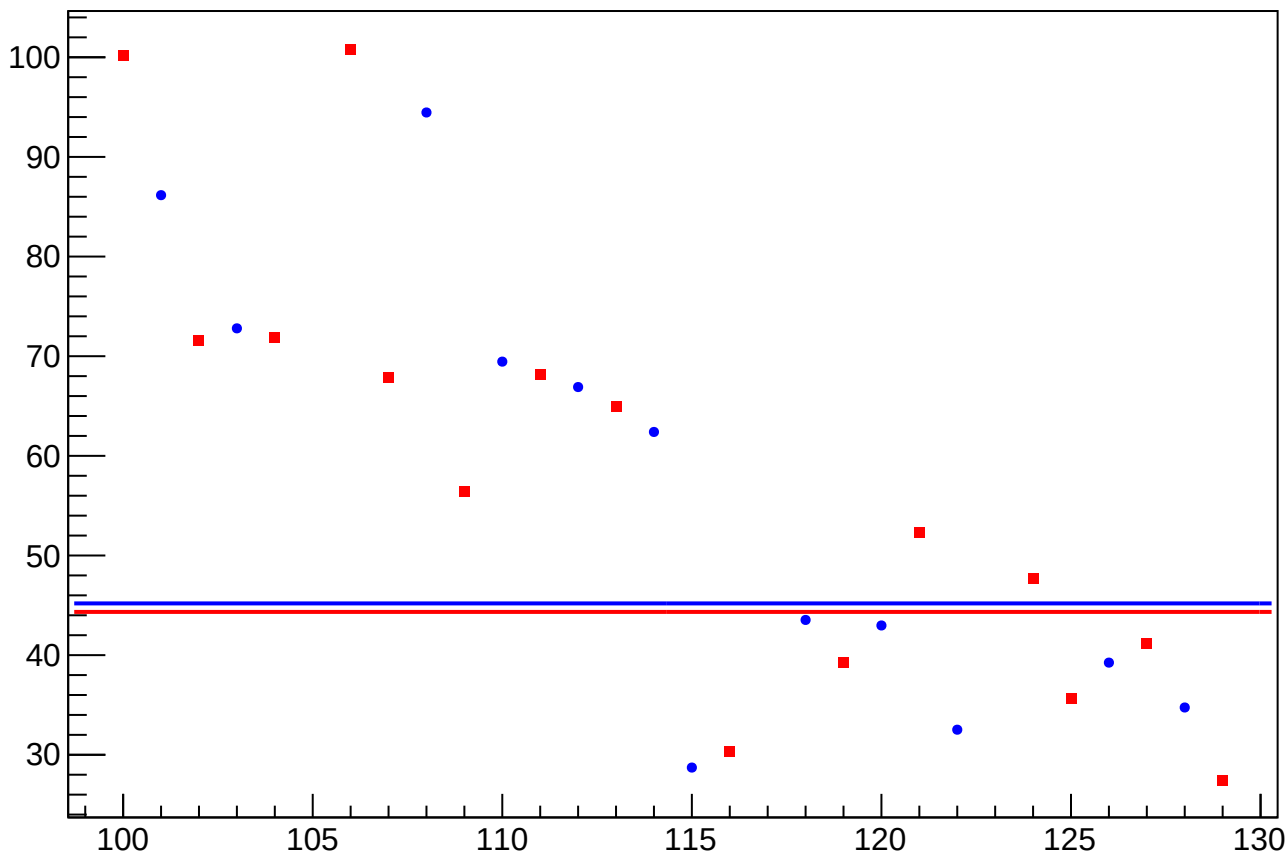
Right: -0.009+/-0.015 χ^2/NDF : 35.3/26

In: 0.017+/-0.022 χ^2/NDF : 14.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.015 χ^2/NDF : 35.3/26

asym_sam_3726_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.192+/-0.016 χ^2/NDF : 1167460.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

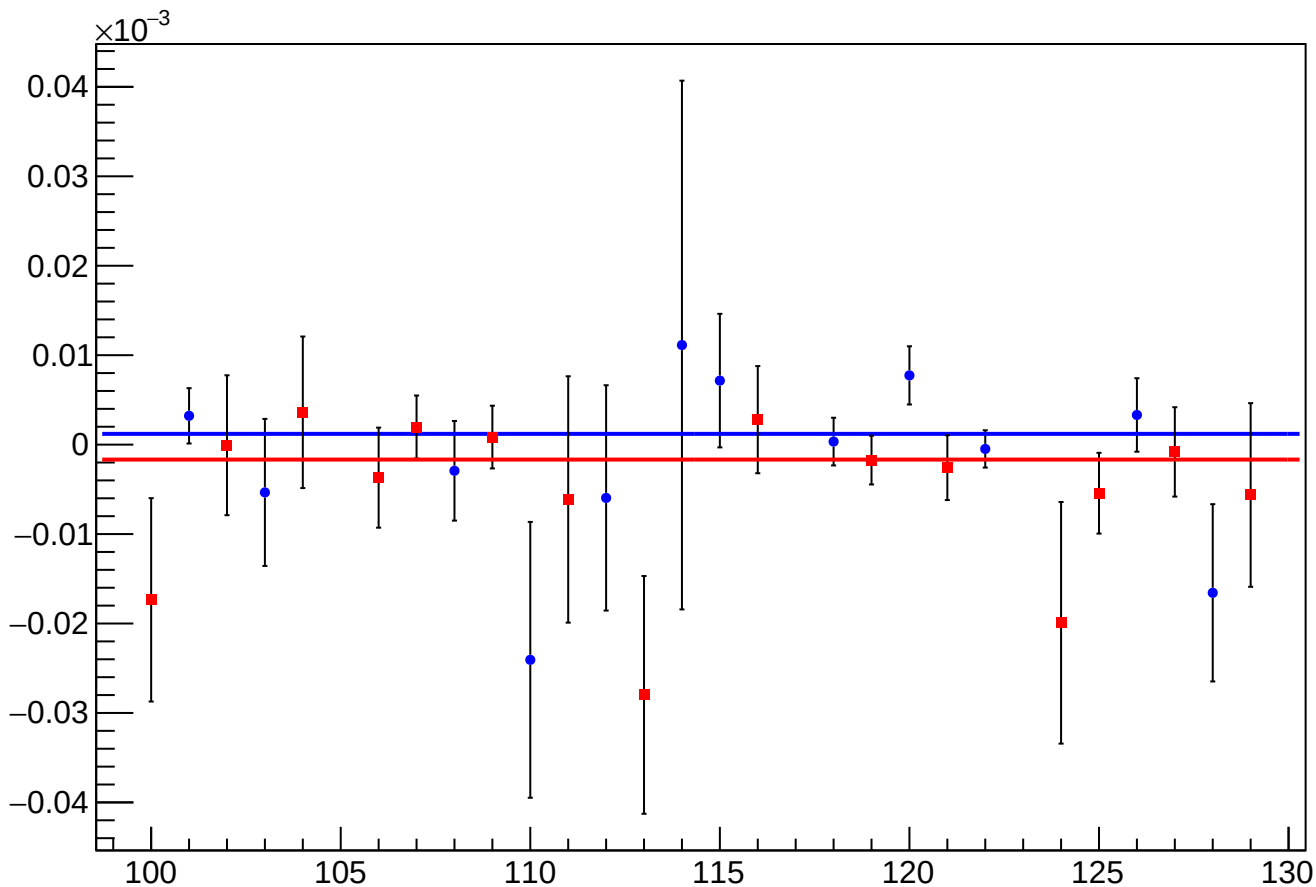
Right: 44.721+/-0.011 χ^2/NDF : 2439236.1/26

In: 45.192+/-0.016 χ^2/NDF : 1167460.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.721+/-0.011 χ^2/NDF : 2439236.1/26

asym_sam_3726_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.6/11

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

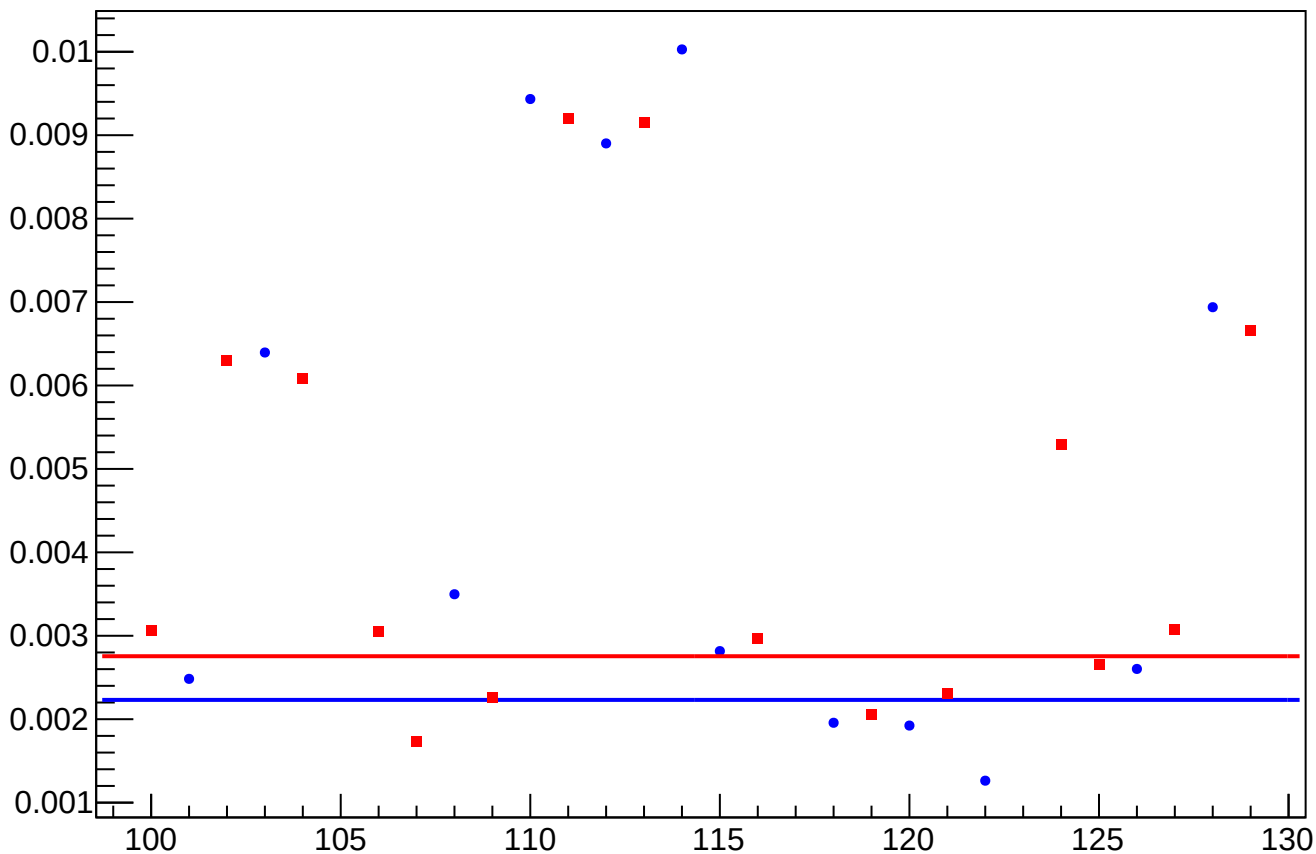
Right: -0.000+/-0.000 χ^2/NDF : 27.7/26

In: 0.000+/-0.000 χ^2/NDF : 13.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.7/26

asym_sam_3726_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2716315.2/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 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

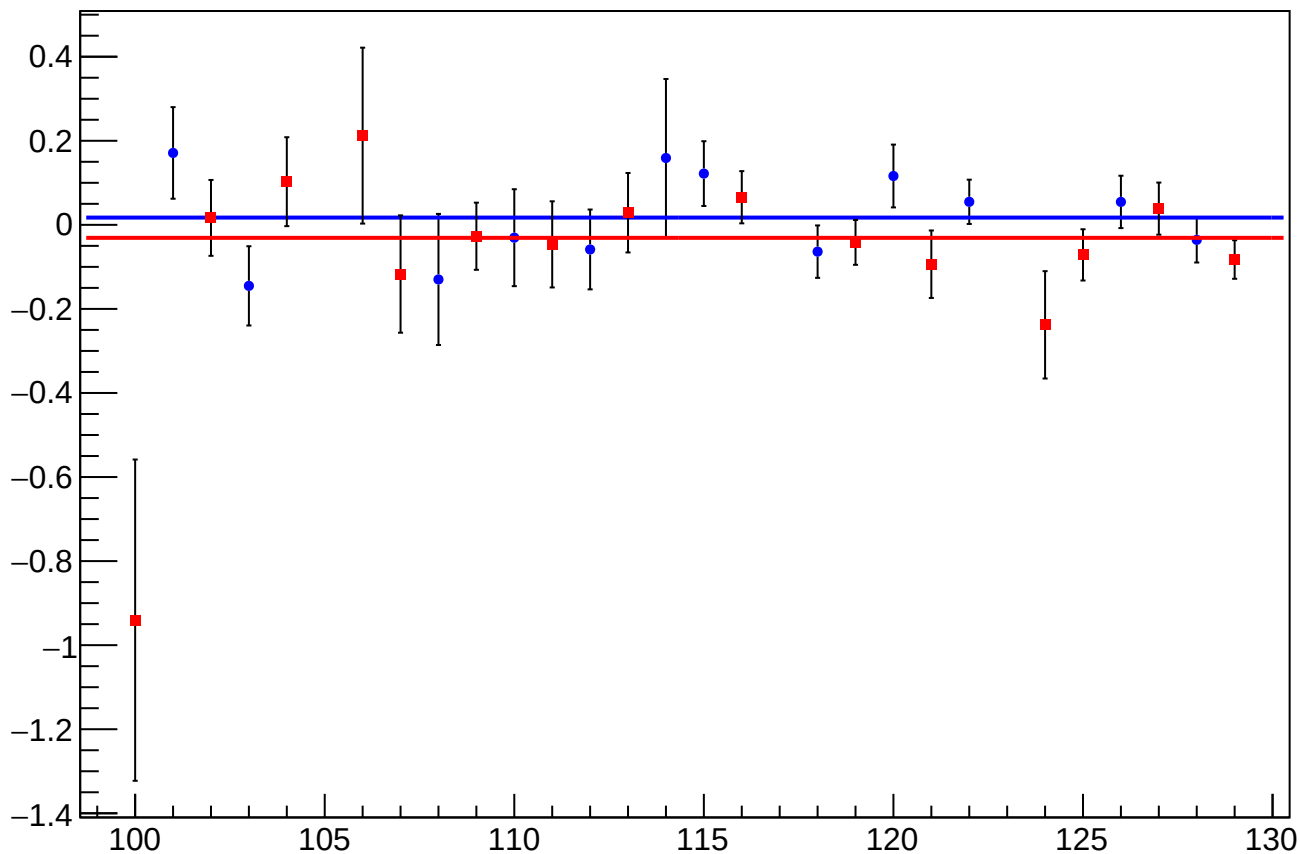
Right: 0.002+/-0.000 χ^2/NDF : 5262715.3/26

In: 0.002+/-0.000 χ^2/NDF :2716315.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5262715.3/26

asym_sam_3726_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017 $\pm$ 0.022 χ^2 /NDF: 14.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.031 $\pm$ 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

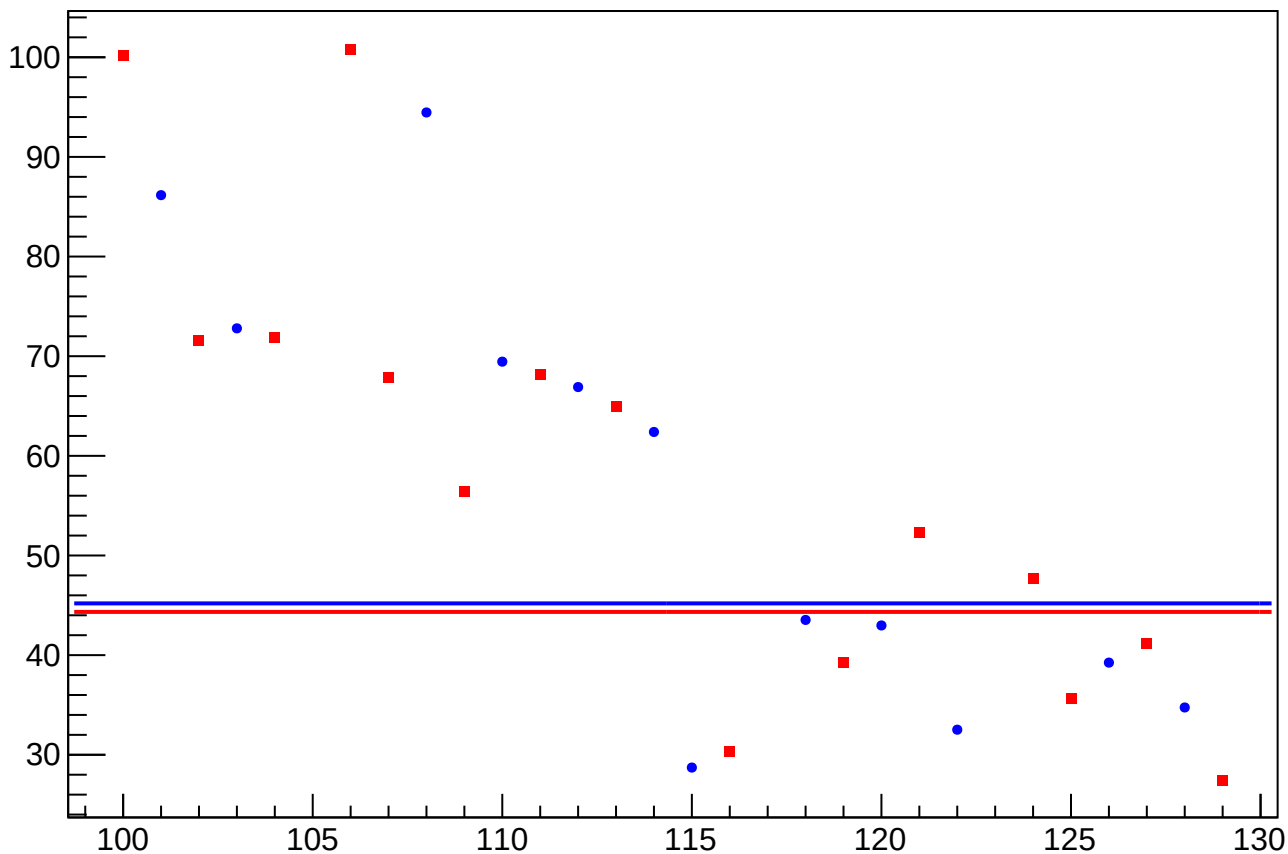
Right: -0.009 $\pm$ 0.015 χ^2 /NDF: 35.3/26

In: 0.017 $\pm$ 0.022 χ^2 /NDF:14.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.015 χ^2 /NDF: 35.3/26

asym_sam_3726_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.193+/-0.016 χ^2/NDF : 1167401.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

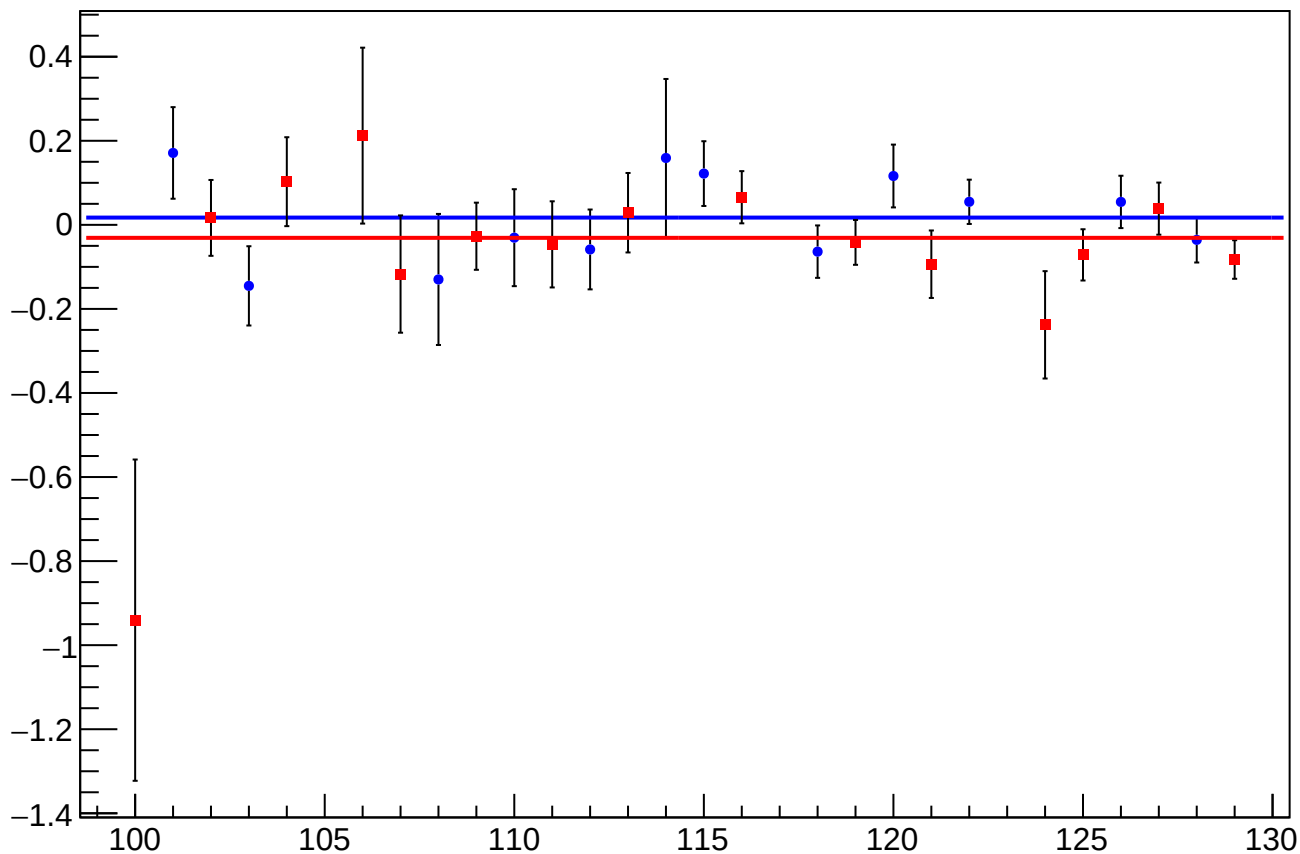
Right: 44.721+/-0.011 χ^2/NDF : 2439158.5/26

In: 45.193+/-0.016 χ^2/NDF : 1167401.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.721+/-0.011 χ^2/NDF : 2439158.5/26

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.022 χ^2/NDF : 14.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.031+/-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

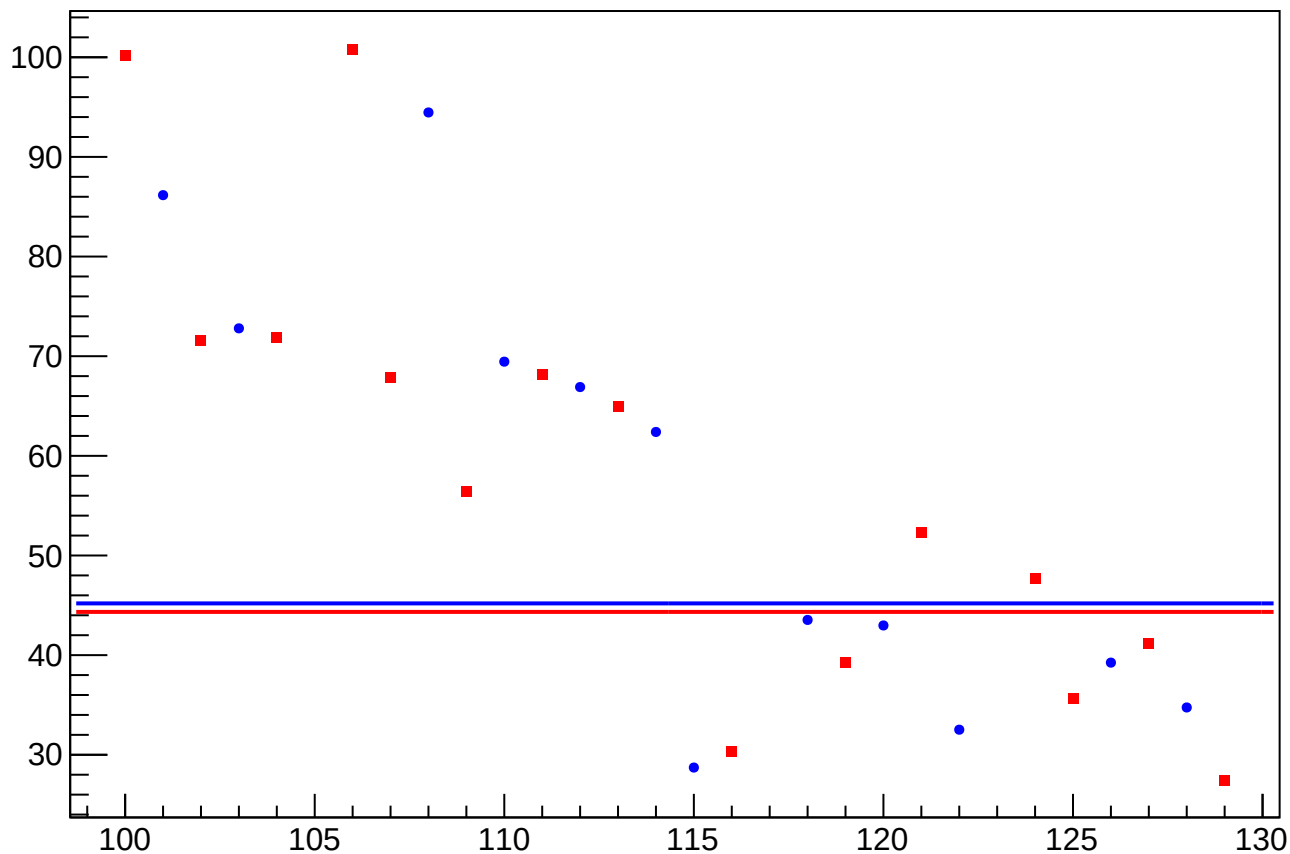
Right: -0.009+/-0.015 χ^2/NDF : 35.3/26

In: 0.017+/-0.022 χ^2/NDF : 14.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.015 χ^2/NDF : 35.3/26

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.193+/-0.016 χ^2/NDF : 1167401.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

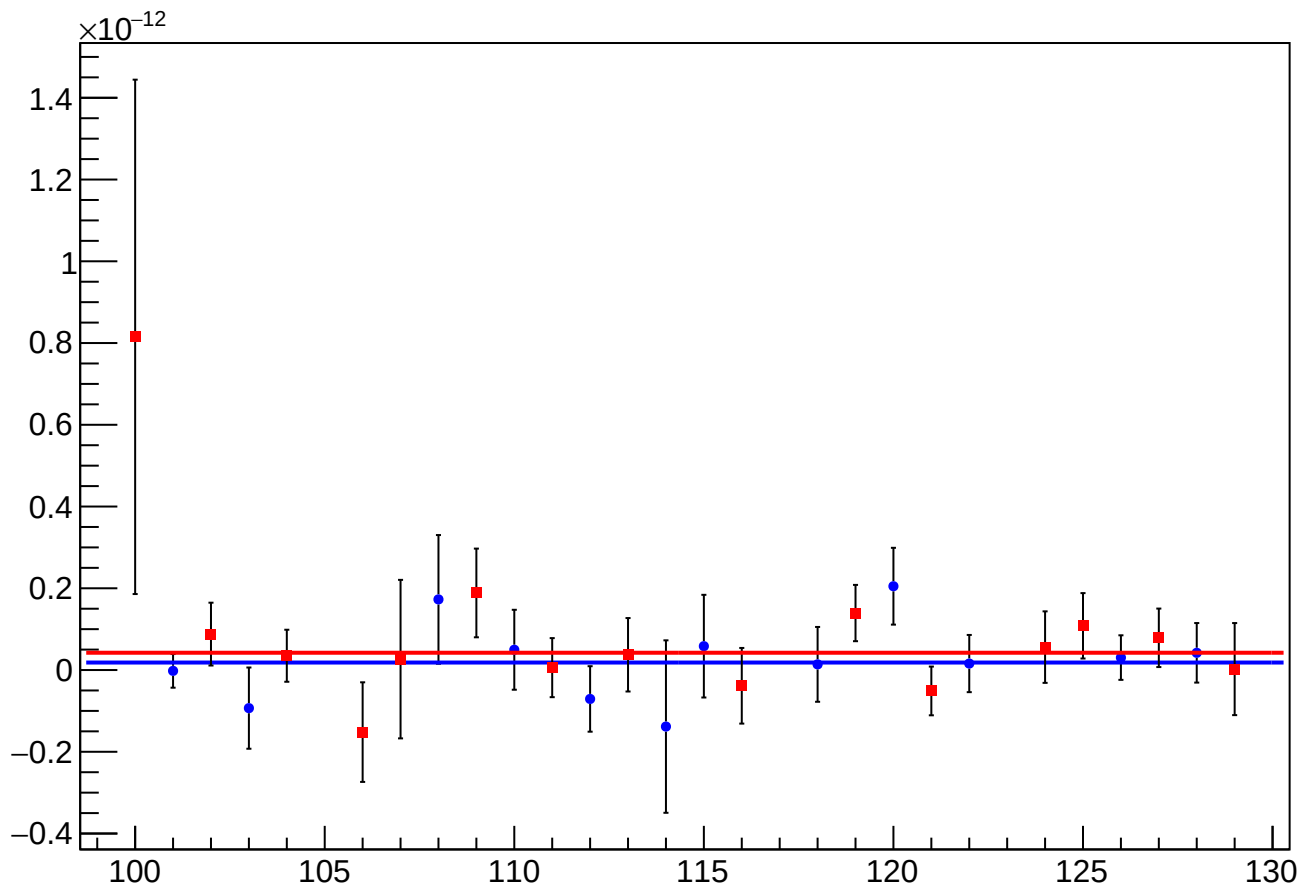
Right: 44.721+/-0.011 χ^2/NDF : 2439158.5/26

In: 45.193+/-0.016 χ^2/NDF : 1167401.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.721+/-0.011 χ^2/NDF : 2439158.5/26

asym_sam_3726_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 8.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 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

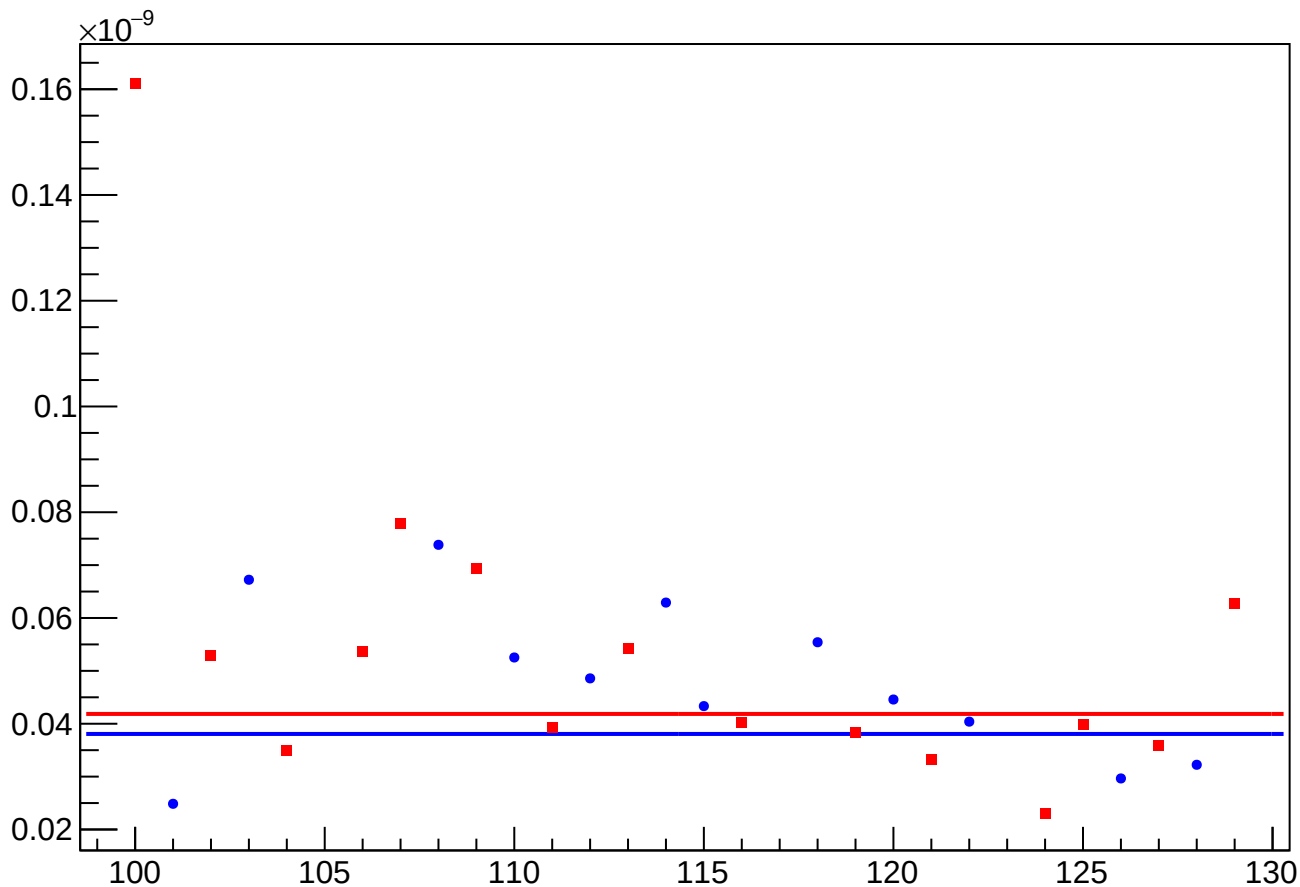
Right: 0.000 ± 0.000 χ^2/NDF : 22.0/26

In: 0.000 ± 0.000 χ^2/NDF : 8.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 22.0/26

asym_sam_3726_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 734918.0/11

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

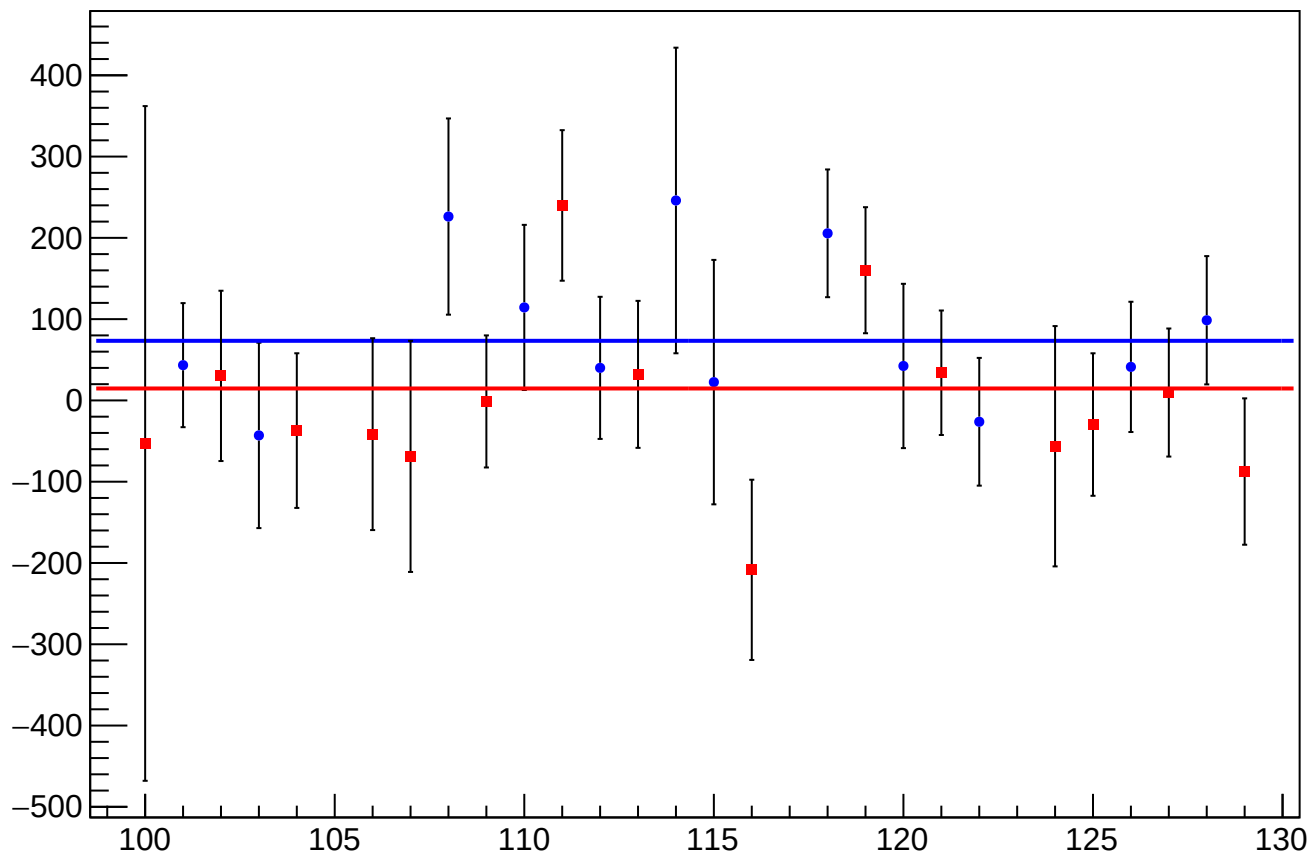
Right: 0.000+/-0.000 χ^2/NDF : 1382109.4/26

In: 0.000+/-0.000 χ^2/NDF : 734918.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1382109.4/26

reg_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 73.329+/-27.161 χ^2/NDF : 8.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.686+/-25.018 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

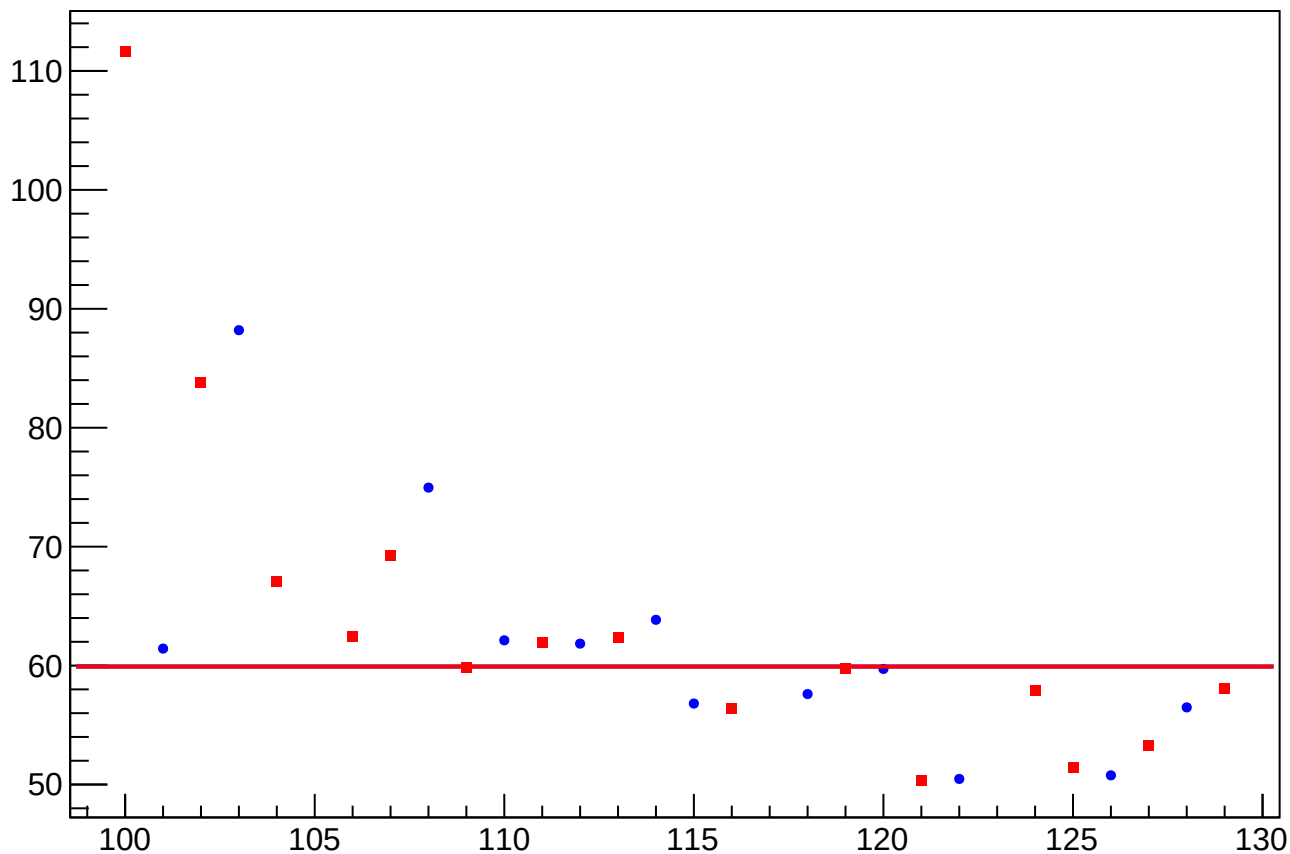
Right: 41.604+/-18.401 χ^2/NDF : 27.7/26

In: 73.329+/-27.161 χ^2/NDF : 8.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.604+/-18.401 χ^2/NDF : 27.7/26

reg_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 59.925+/-0.019 χ^2/NDF : 219017.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

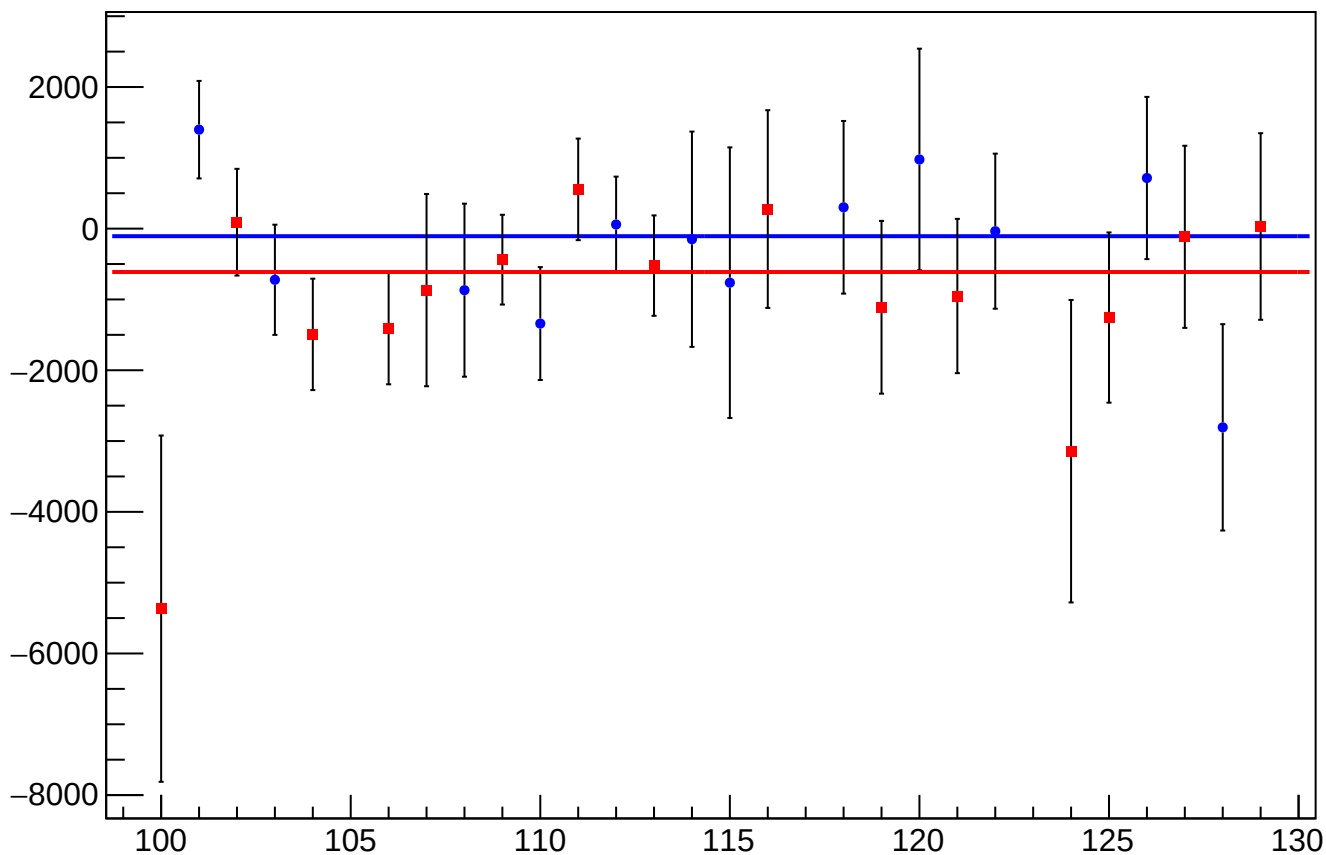
Right: 59.919+/-0.013 χ^2/NDF : 444676.2/26

In: 59.925+/-0.019 χ^2/NDF : 219017.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.919+/-0.013 χ^2/NDF : 444676.2/26

asym_sam_15_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -106.927+/-288.094 χ^2/NDF : 12.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

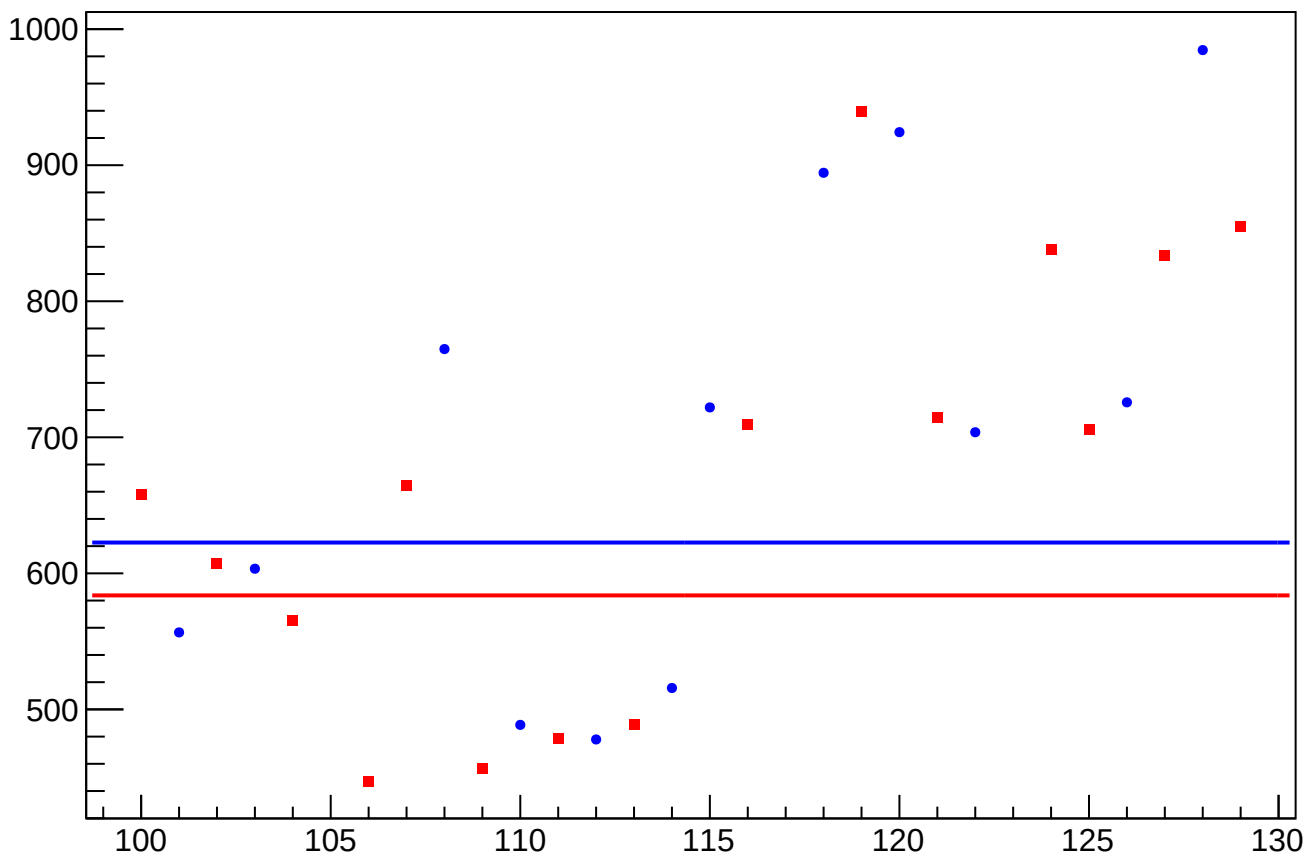
Right: -397.033+/-188.064 χ^2/NDF : 27.1/26

In: -106.927+/-288.094 χ^2/NDF : 12.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -397.033+/-188.064 χ^2/NDF : 27.1/26

asym_sam_15_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 622.640+/-0.204 χ^2/NDF : 534530.7/11

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

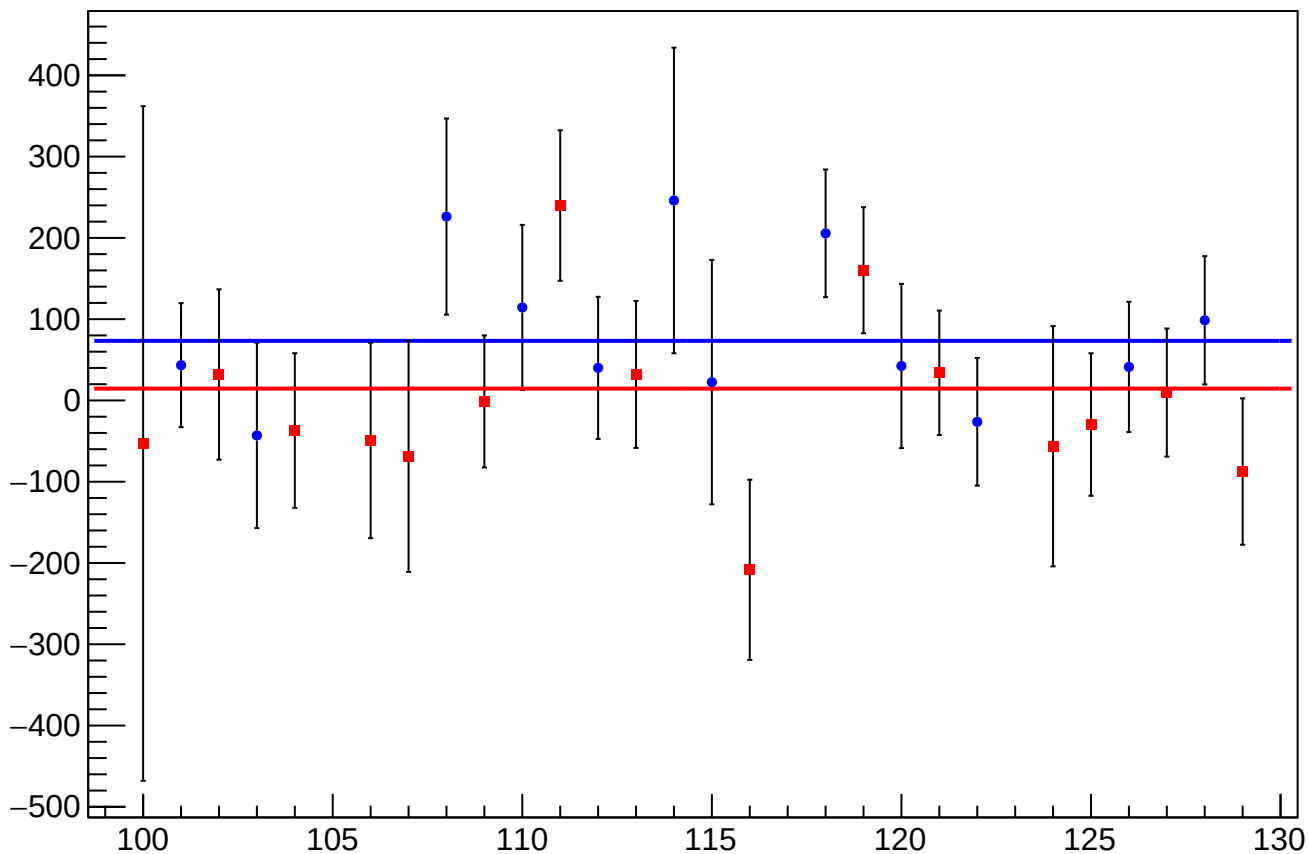
Right: 600.341+/-0.133 χ^2/NDF : 1210458.8/26

In: 622.640+/-0.204 χ^2/NDF :534530.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 600.341+/-0.133 χ^2/NDF : 1210458.8/26

cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 73.339+/-27.161 χ^2/NDF : 8.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.548+/-25.039 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

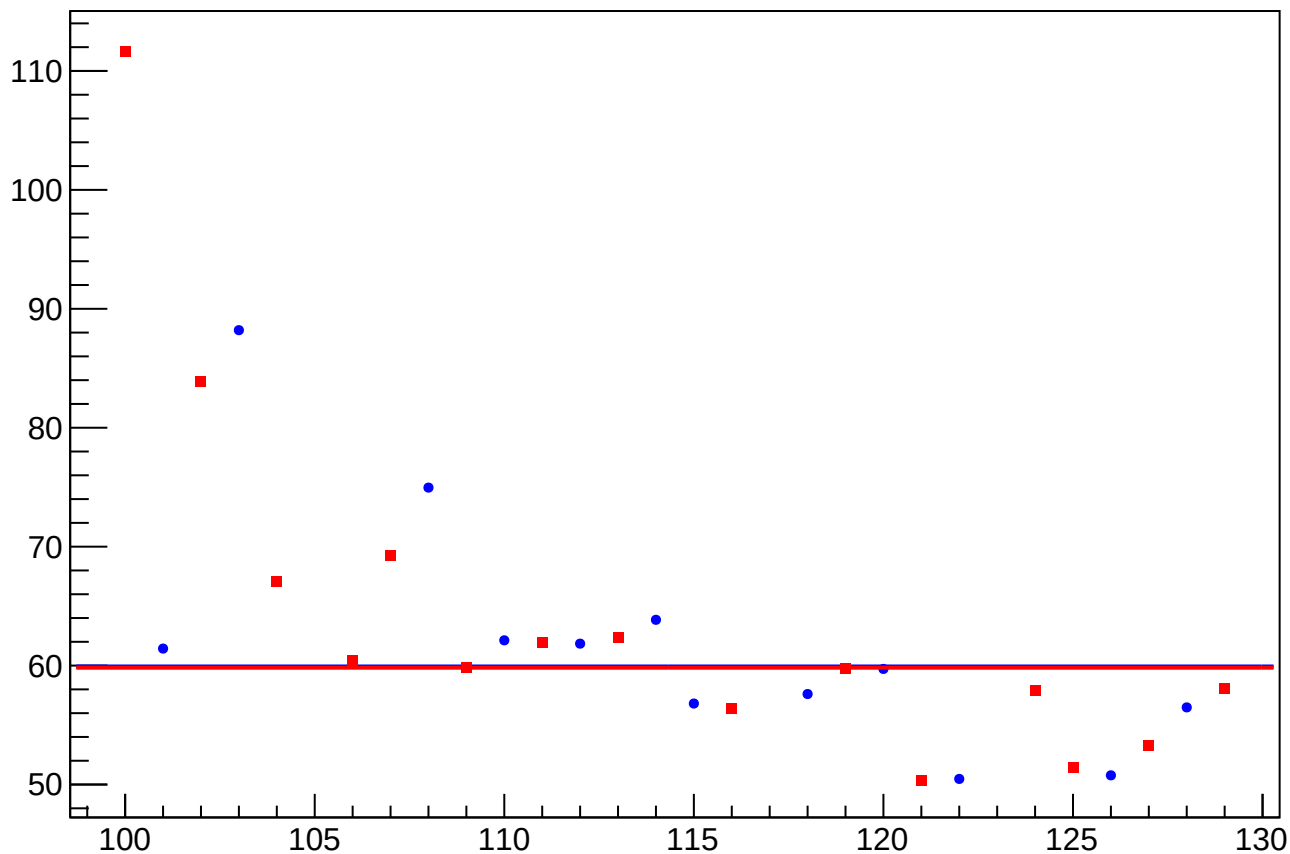
Right: 41.558+/-18.410 χ^2/NDF : 27.8/26

In: 73.339+/-27.161 χ^2/NDF : 8.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.558+/-18.410 χ^2/NDF : 27.8/26

cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 59.925+/-0.019 χ^2/NDF : 219021.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.823+/-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

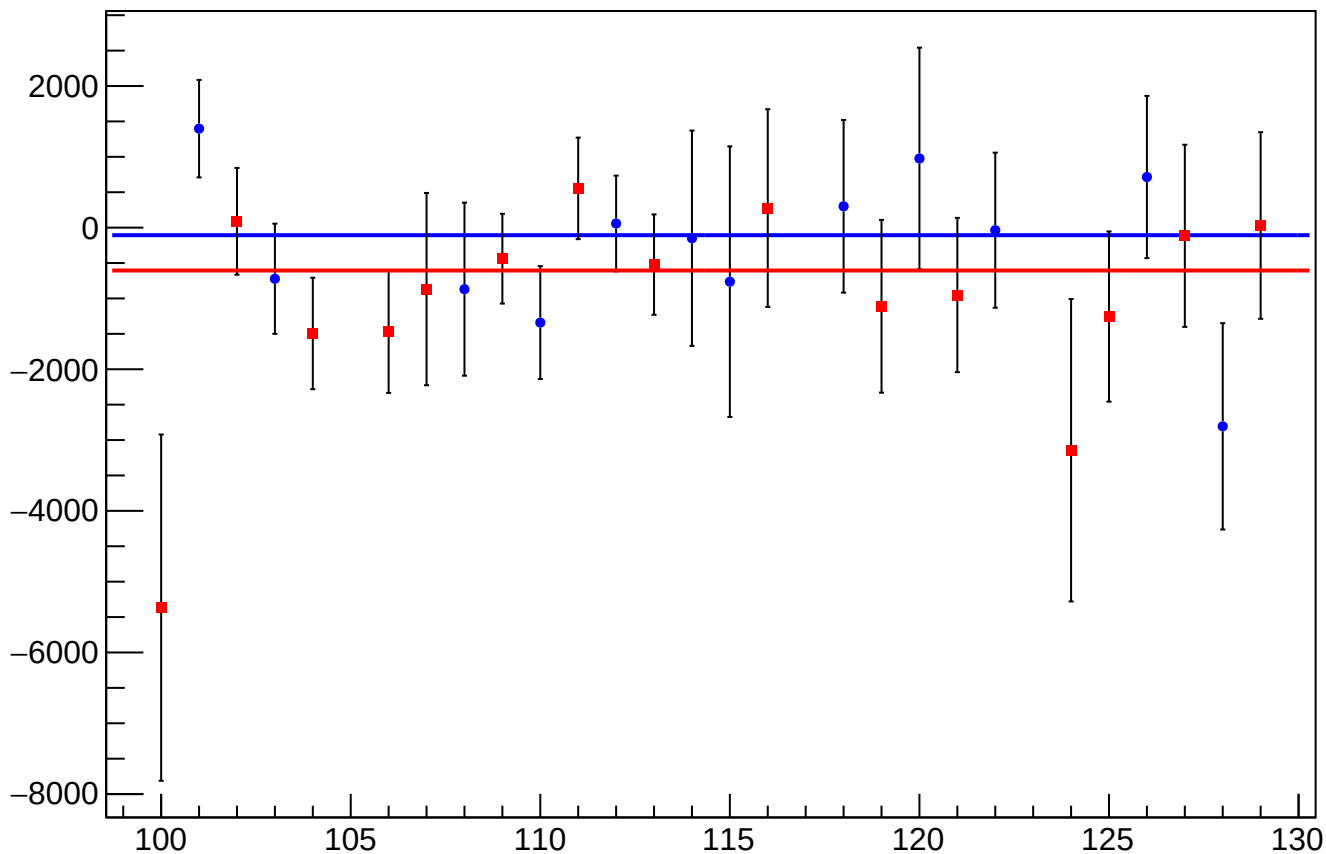
Right: 59.870+/-0.013 χ^2/NDF : 443998.9/26

In: 59.925+/-0.019 χ^2/NDF : 219021.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.870+/-0.013 χ^2/NDF : 443998.9/26

asym_sam_15_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -106.876+/-288.098 χ^2/NDF : 12.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

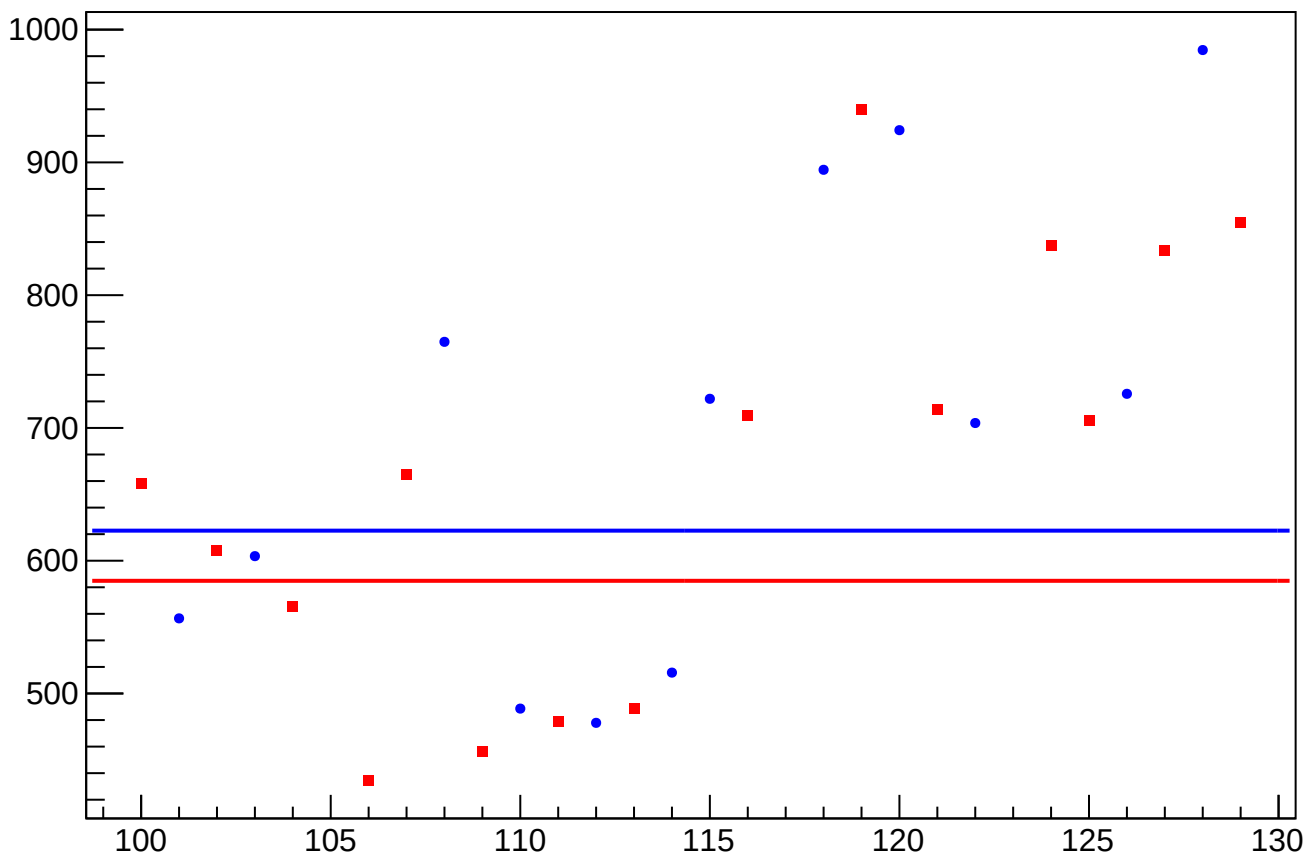
Right: -391.132+/-188.919 χ^2/NDF : 27.0/26

In: -106.876+/-288.098 χ^2/NDF : 12.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -391.132+/-188.919 χ^2/NDF : 27.0/26

asym_sam_15_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 622.647+/-0.204 χ^2/NDF : 534524.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

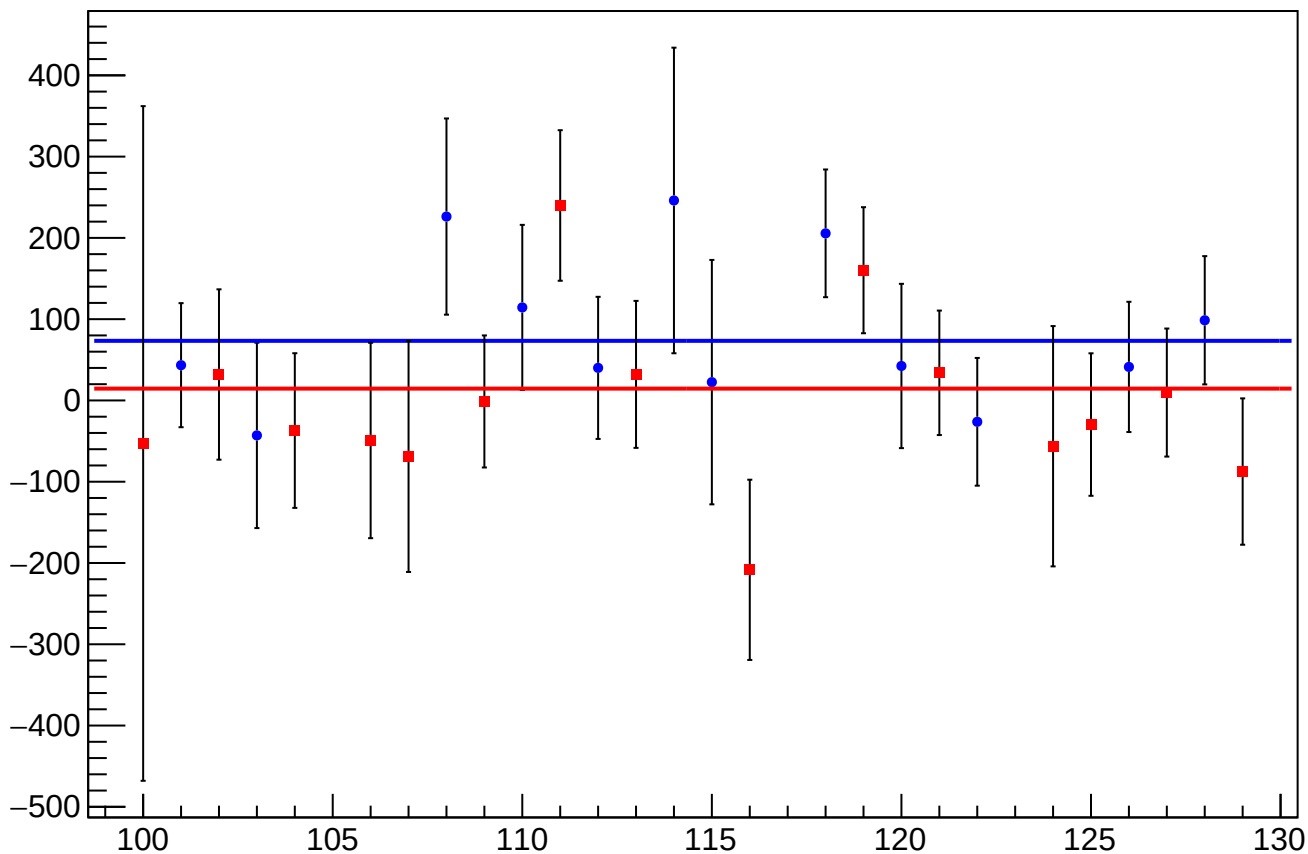
Right: 601.111+/-0.134 χ^2/NDF : 1209924.6/26

In: 622.647+/-0.204 χ^2/NDF :534524.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 601.111+/-0.134 χ^2/NDF : 1209924.6/26

eigen_cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 73.339+/-27.161 χ^2/NDF : 8.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.548+/-25.039 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

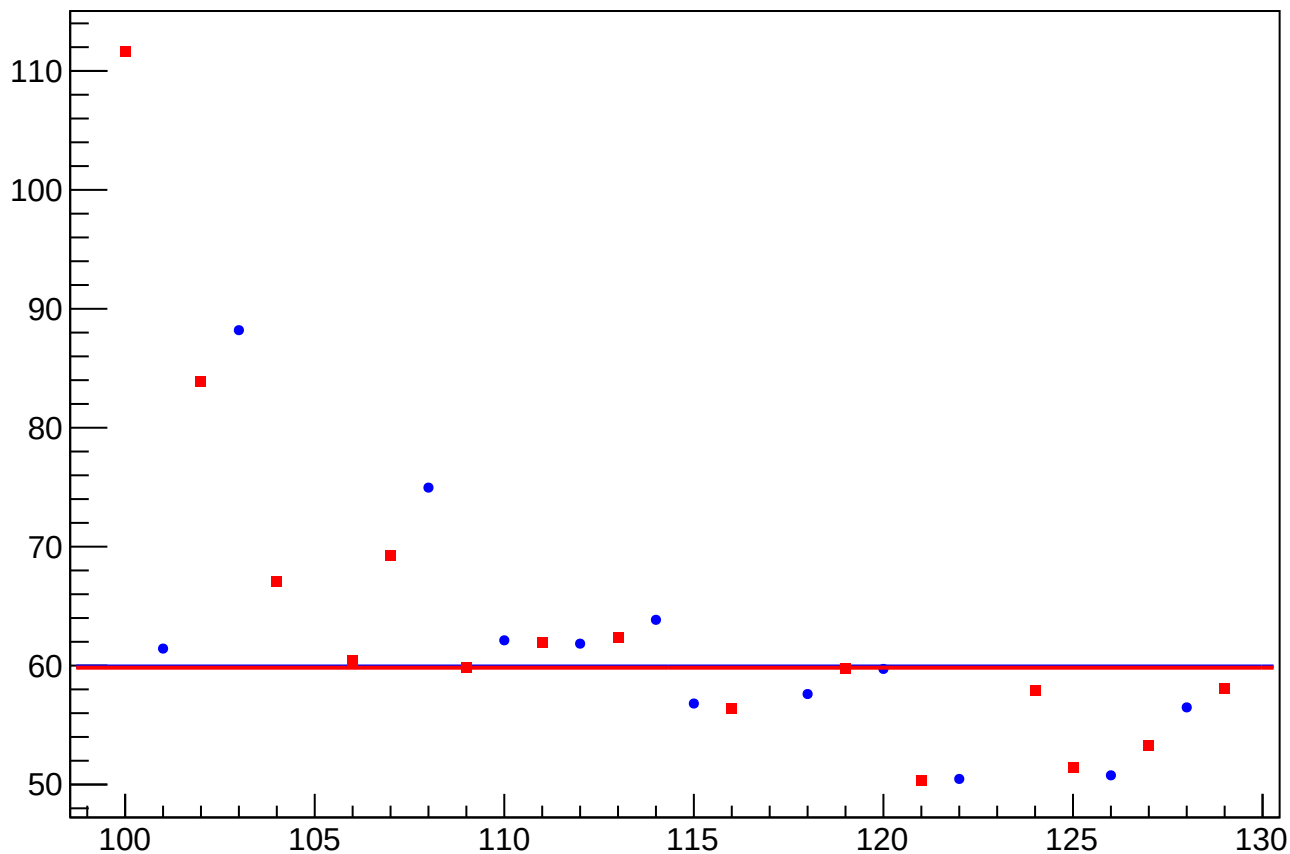
Right: 41.558+/-18.410 χ^2/NDF : 27.8/26

In: 73.339+/-27.161 χ^2/NDF : 8.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.558+/-18.410 χ^2/NDF : 27.8/26

eigen_cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 59.925+/-0.019 χ^2/NDF : 219021.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.823+/-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

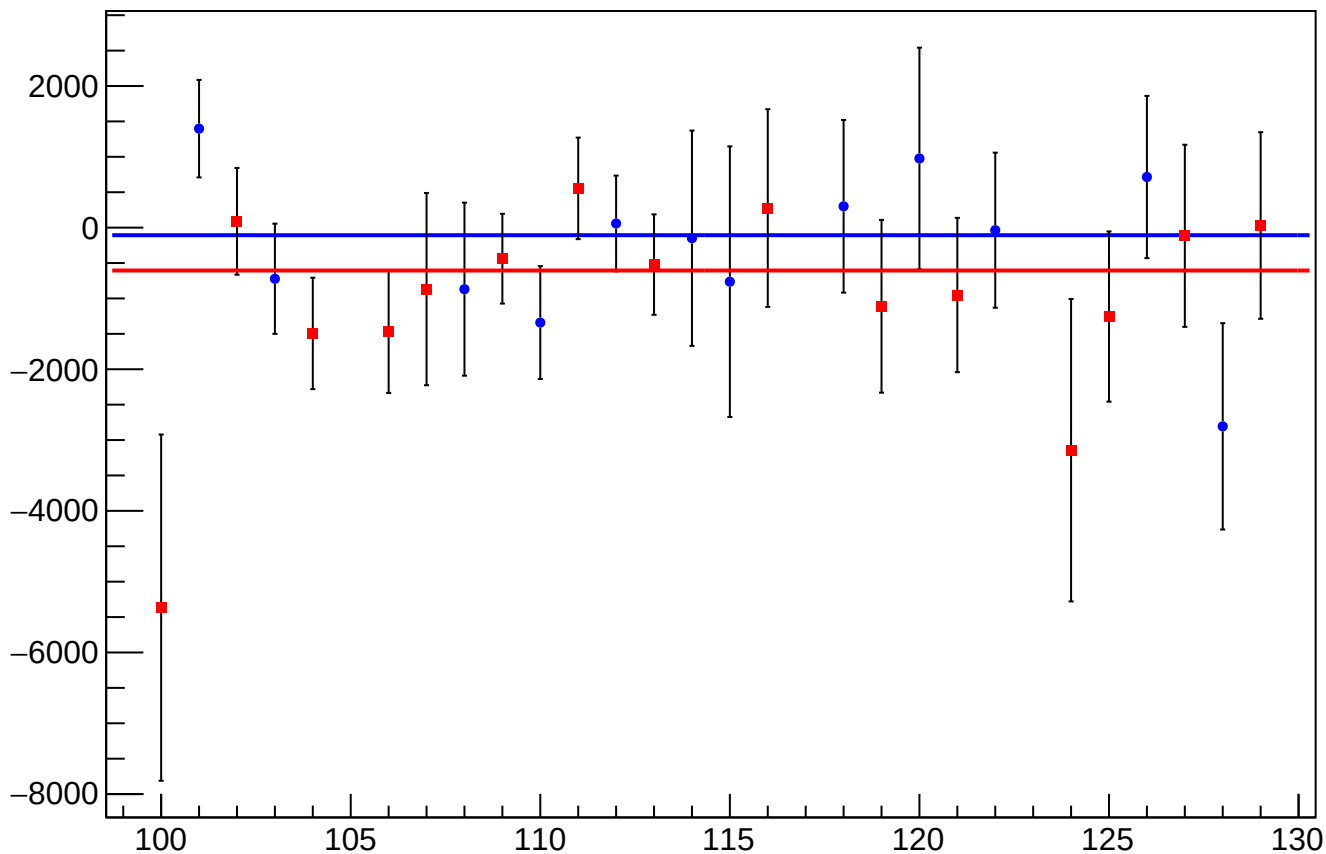
Right: 59.870+/-0.013 χ^2/NDF : 443998.9/26

In: 59.925+/-0.019 χ^2/NDF : 219021.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.870+/-0.013 χ^2/NDF : 443998.9/26

asym_sam_15_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -106.876+/-288.098 χ^2/NDF : 12.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

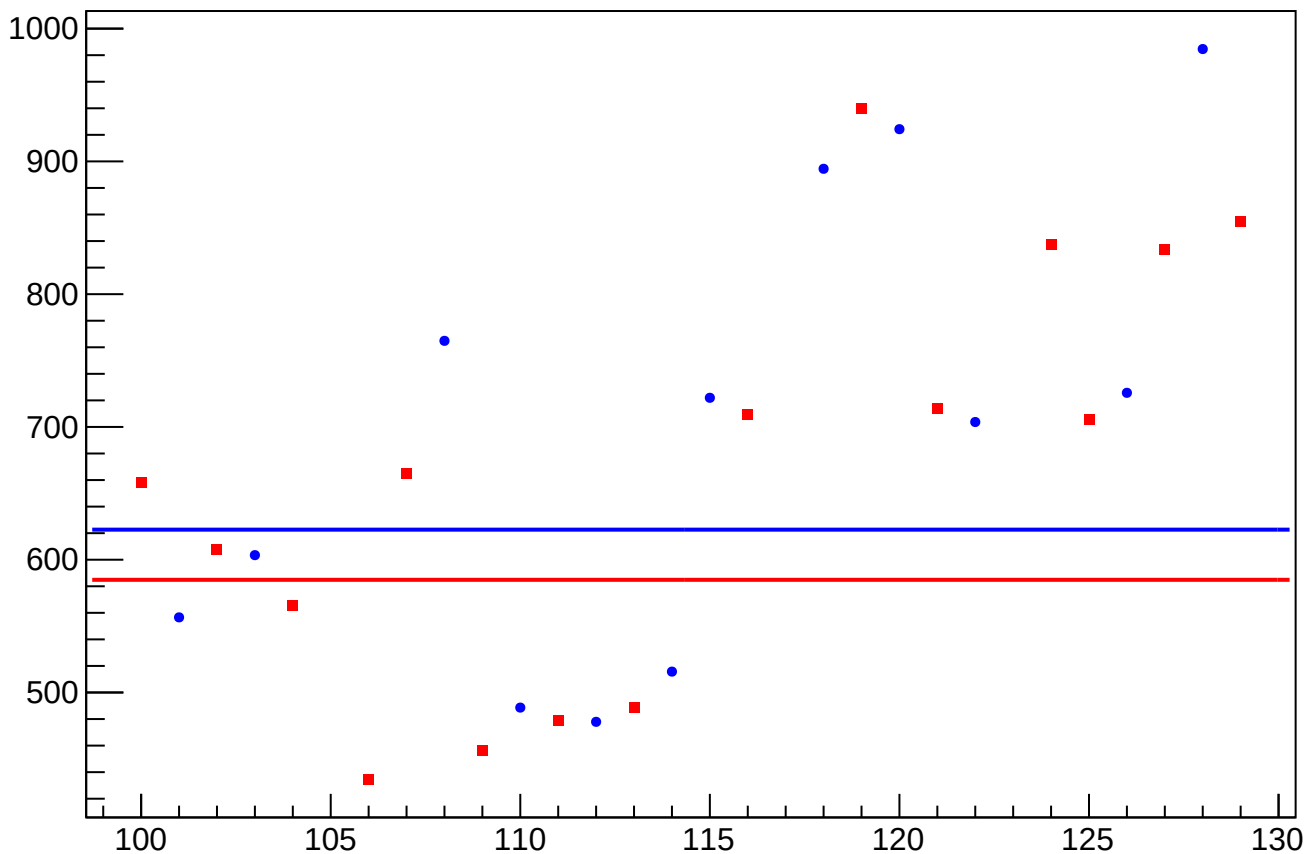
Right: -391.132+/-188.919 χ^2/NDF : 27.0/26

In: -106.876+/-288.098 χ^2/NDF : 12.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -391.132+/-188.919 χ^2/NDF : 27.0/26

asym_sam_15_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 622.647+/-0.204 χ^2/NDF : 534524.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

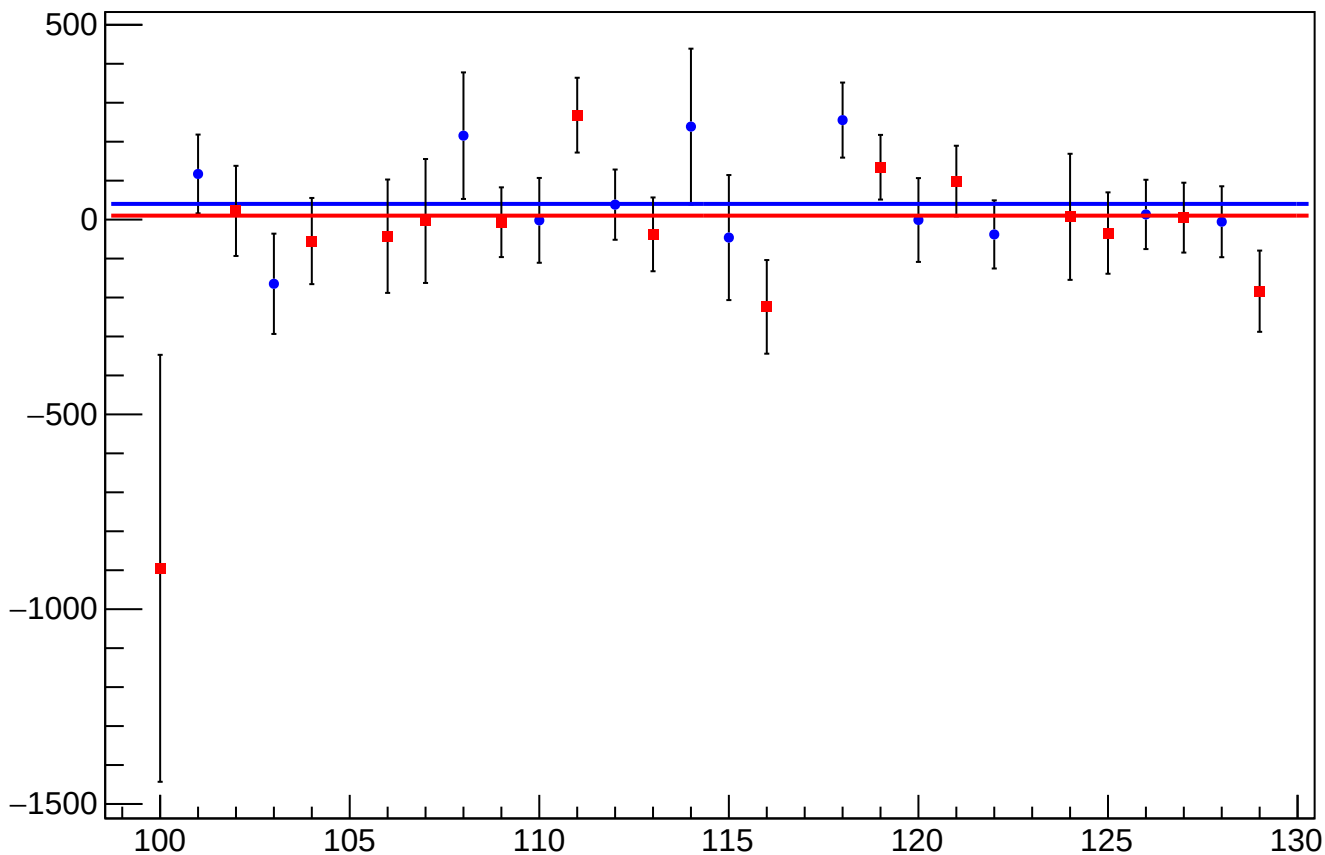
Right: 601.111+/-0.134 χ^2/NDF : 1209924.6/26

In: 622.647+/-0.204 χ^2/NDF :534524.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 601.111+/-0.134 χ^2/NDF : 1209924.6/26

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 40.307+/-31.019 χ^2/NDF : 12.0/11

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

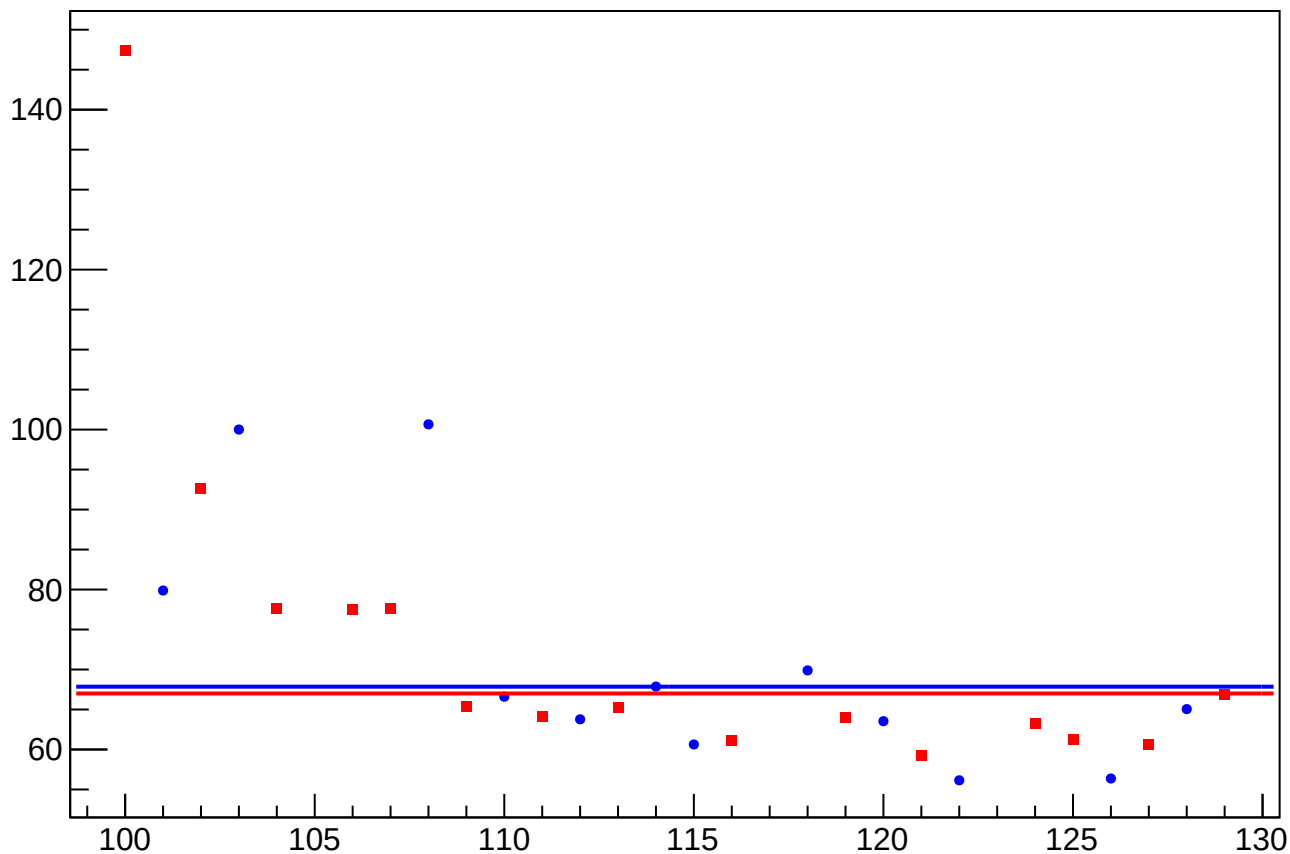
Right: 23.723+/-20.792 χ^2/NDF : 33.9/26

In: 40.307+/-31.019 χ^2/NDF : 12.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.723+/-20.792 χ^2/NDF : 33.9/26

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 67.853+/-0.022 χ^2/NDF : 318296.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.002+/-0.020 χ^2/NDF : 221940.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

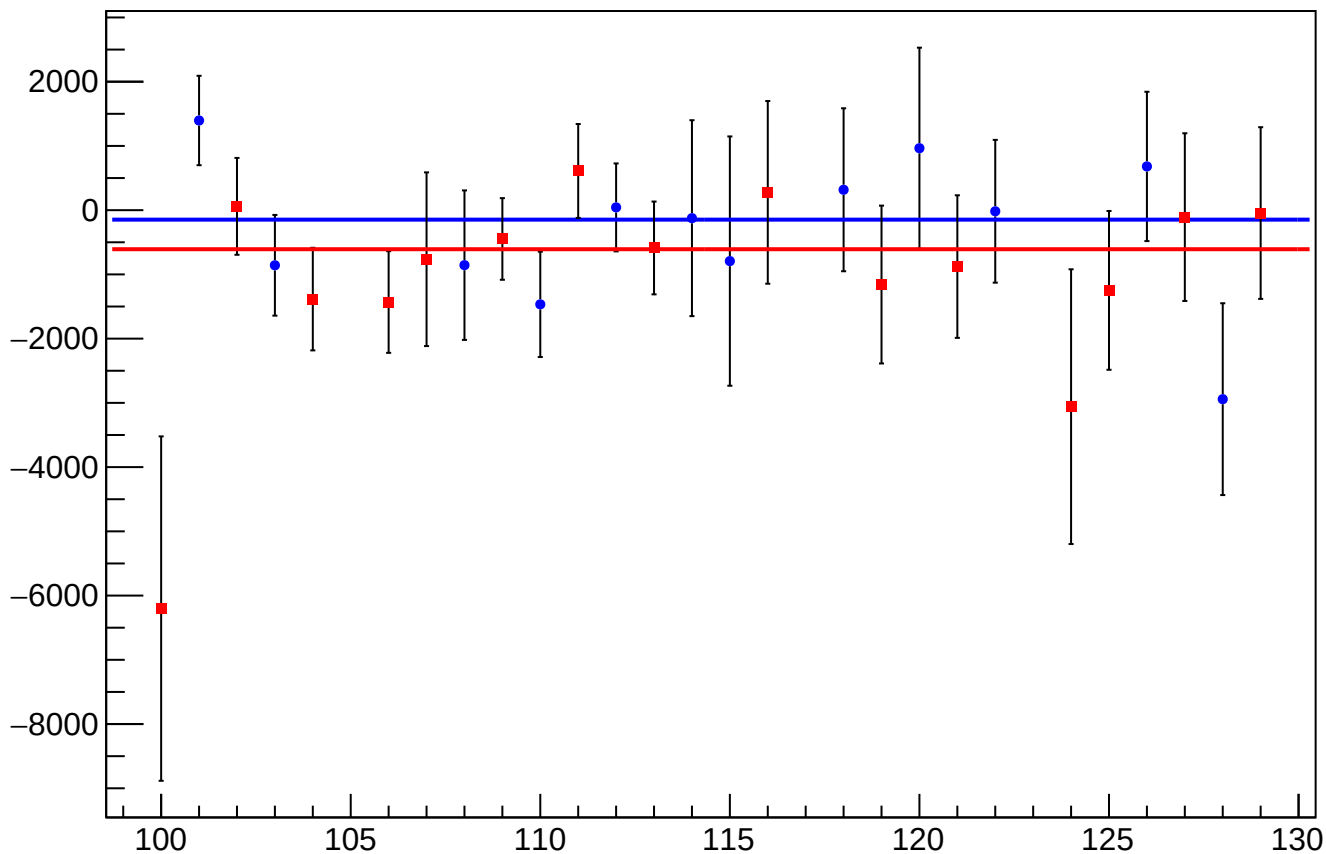
Right: 67.385+/-0.015 χ^2/NDF : 541066.3/26

In: 67.853+/-0.022 χ^2/NDF : 318296.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.385+/-0.015 χ^2/NDF : 541066.3/26

asym_sam_15_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -147.500+/-291.426 χ^2/NDF : 13.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -607.814+/-251.066 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

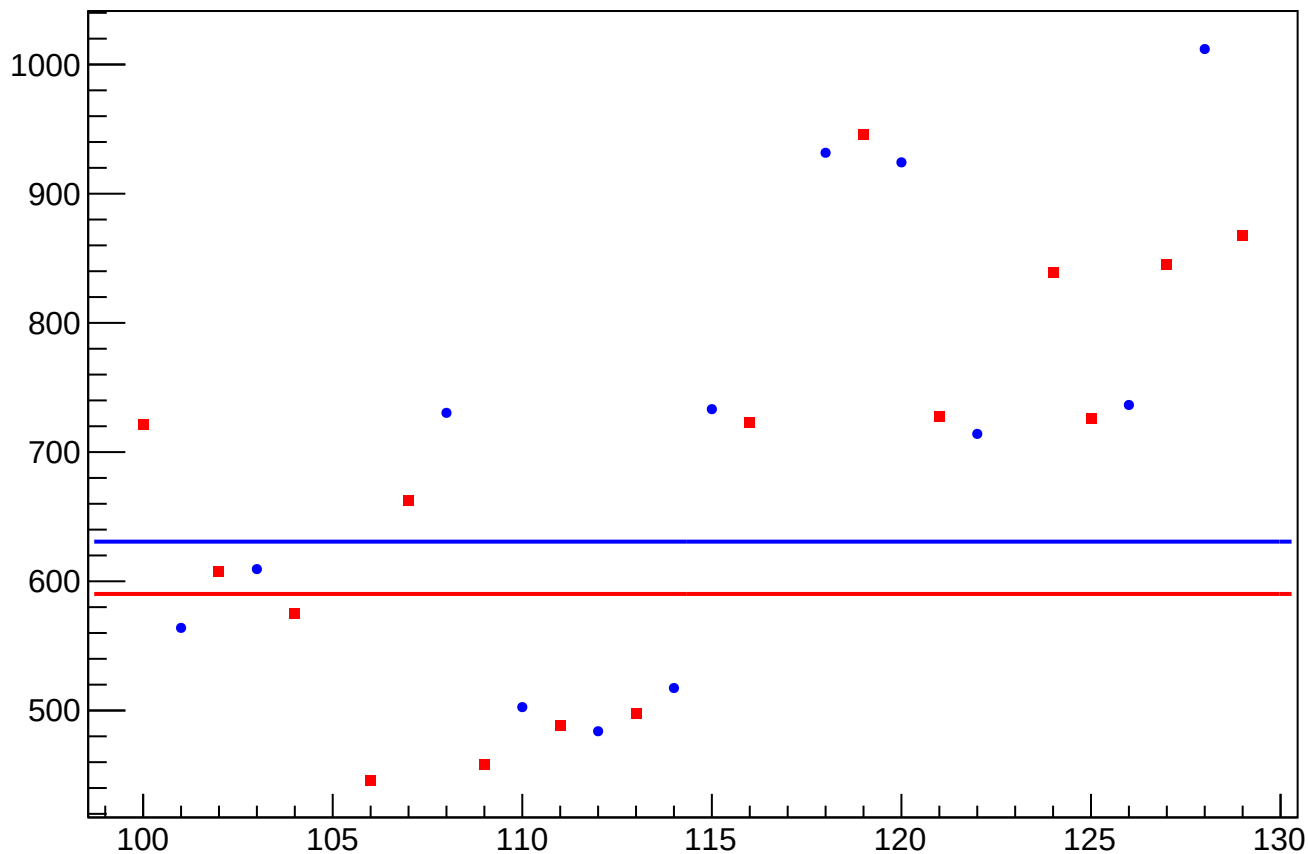
Right: -411.715+/-190.212 χ^2/NDF : 27.6/26

In: -147.500+/-291.426 χ^2/NDF : 13.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -411.715+/-190.212 χ^2/NDF : 27.6/26

asym_sam_15_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 630.693+/-0.206 χ^2/NDF : 533058.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

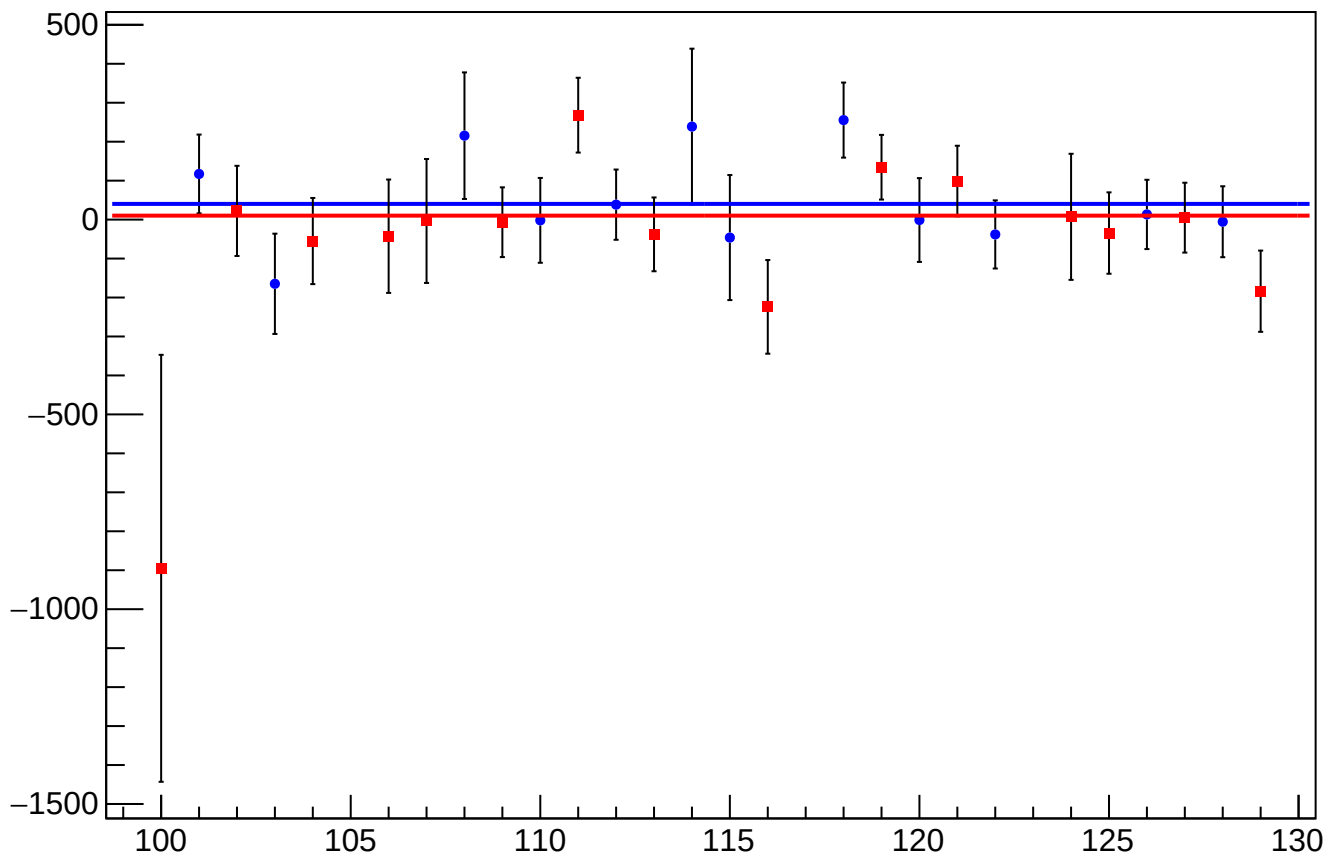
Right: 607.452+/-0.135 χ^2/NDF : 1221607.7/26

In: 630.693+/-0.206 χ^2/NDF : 533058.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 607.452+/-0.135 χ^2/NDF : 1221607.7/26

eigen_dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 40.307 $\pm$ 31.019 χ^2 /NDF: 12.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 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

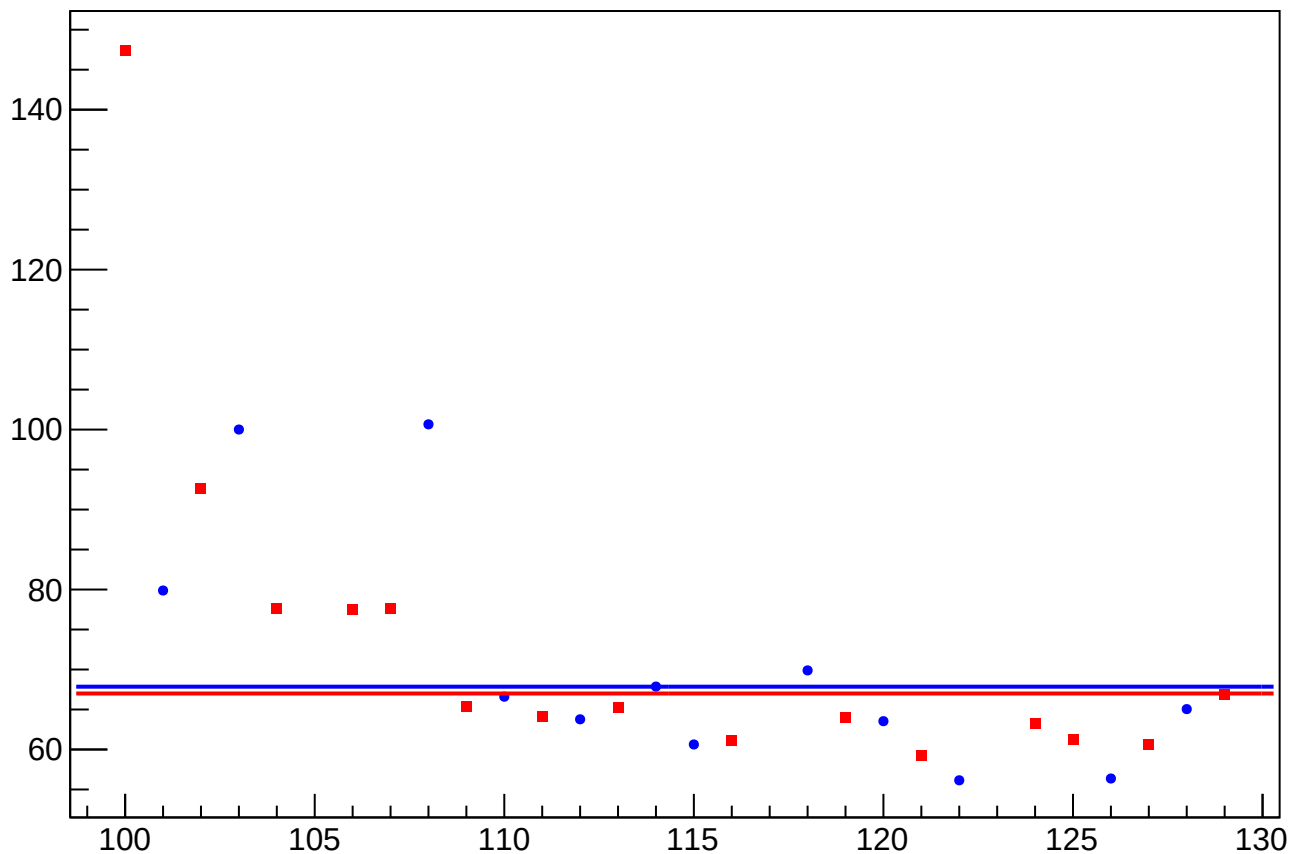
Right: 23.723 $\pm$ 20.792 χ^2 /NDF: 33.9/26

In: 40.307 $\pm$ 31.019 χ^2 /NDF:12.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 23.723 $\pm$ 20.792 χ^2 /NDF: 33.9/26

eigen_dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 67.853 $\pm$ 0.022 χ^2 /NDF: 318301.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 67.002 $\pm$ 0.020 χ^2 /NDF: 221944.9/14

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

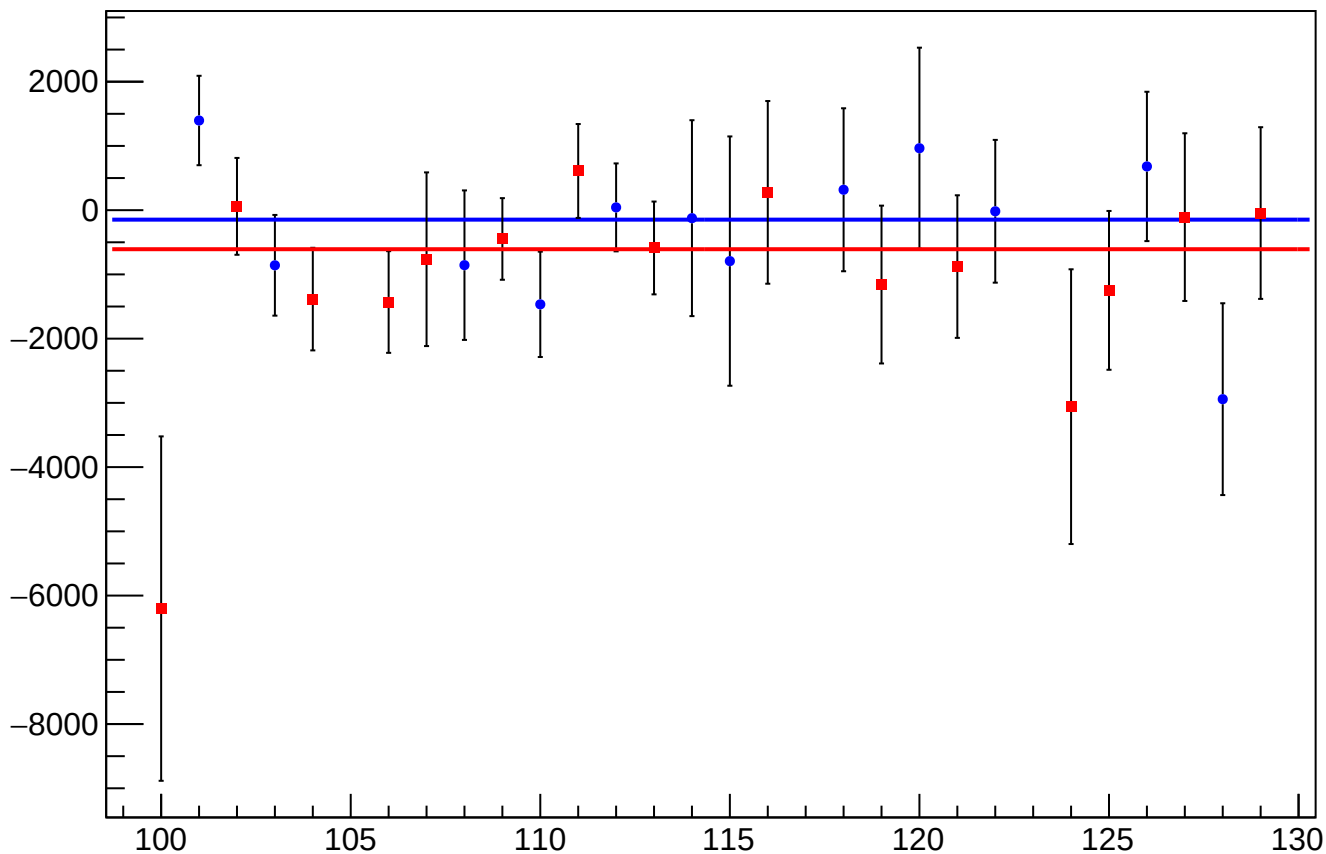
Right: 67.384 $\pm$ 0.015 χ^2 /NDF: 541076.4/26

In: 67.853 $\pm$ 0.022 χ^2 /NDF:318301.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 67.384 $\pm$ 0.015 χ^2 /NDF: 541076.4/26

asym_sam_15_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -147.500 ± 291.426 χ^2/NDF : 13.5/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -607.814 ± 251.066 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

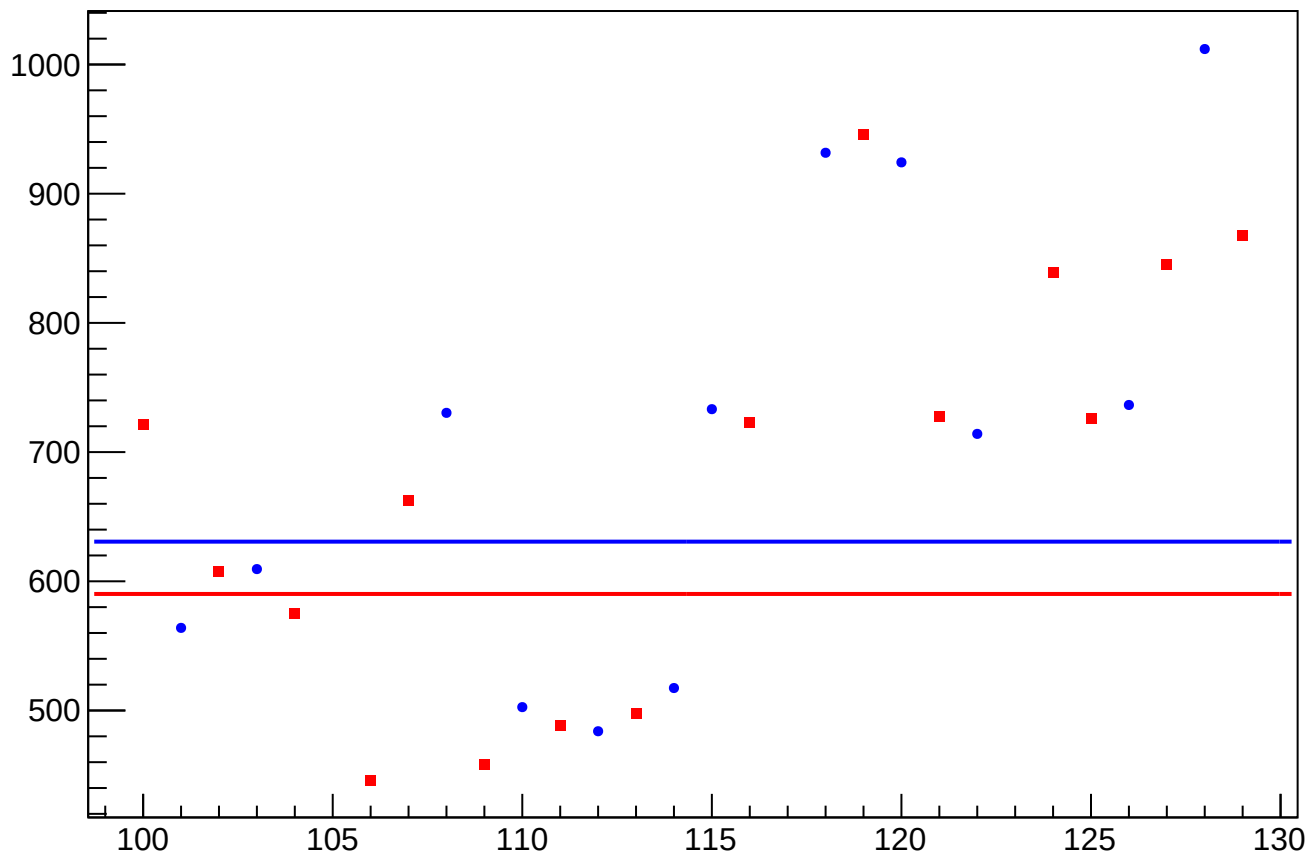
Right: -411.714 ± 190.212 χ^2/NDF : 27.6/26

In: -147.500 ± 291.426 χ^2/NDF : 13.5/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -411.714 ± 190.212 χ^2/NDF : 27.6/26

asym_sam_15_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 630.692 $\pm$ 0.206 χ^2 /NDF: 533060.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 590.201 $\pm$ 0.178 χ^2 /NDF: 666390.6/14

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

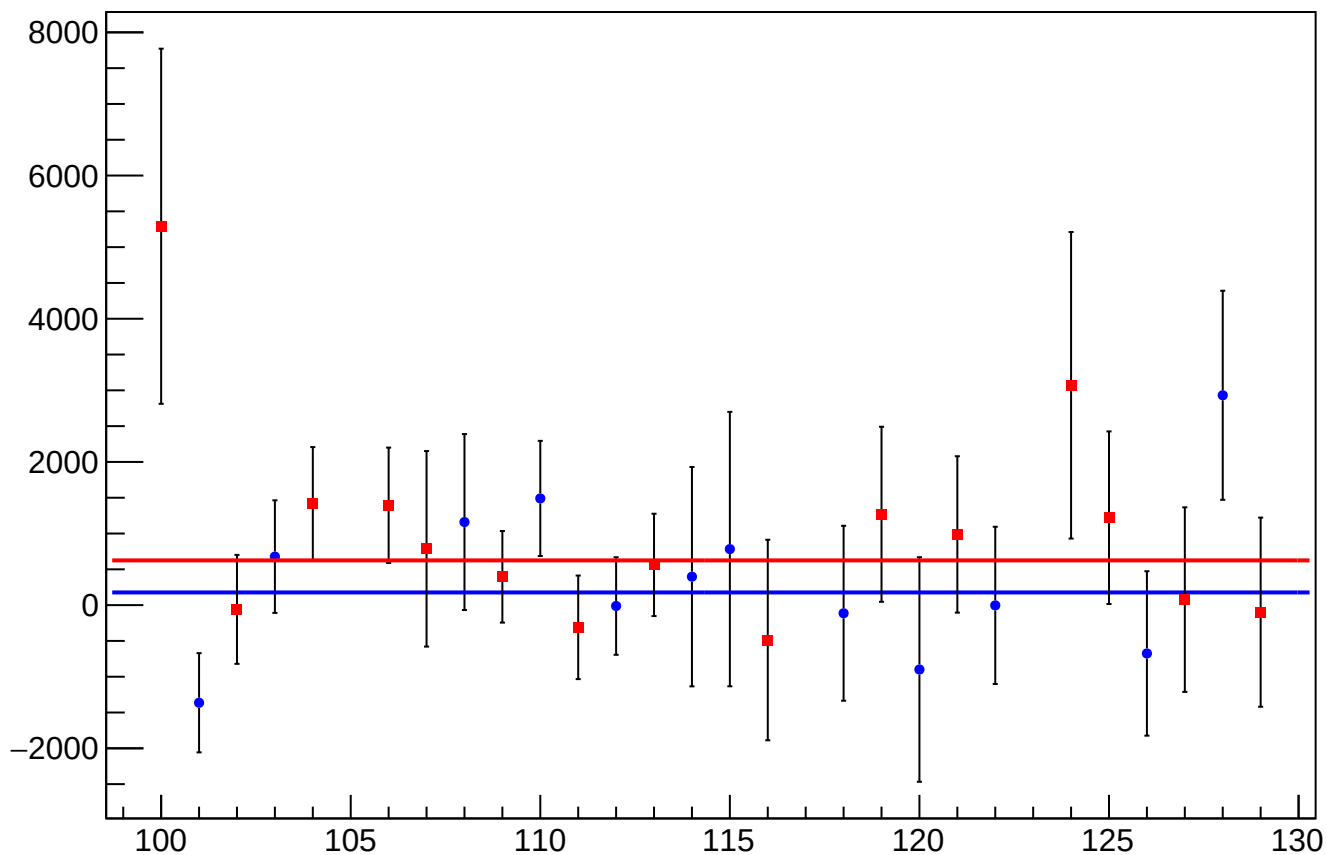
Right: 607.451 $\pm$ 0.135 χ^2 /NDF: 1221612.3/26

In: 630.692 $\pm$ 0.206 χ^2 /NDF:533060.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 607.451 $\pm$ 0.135 χ^2 /NDF: 1221612.3/26

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 177.019 $\pm$ 289.984 χ^2 /NDF: 13.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 624.702 $\pm$ 250.251 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

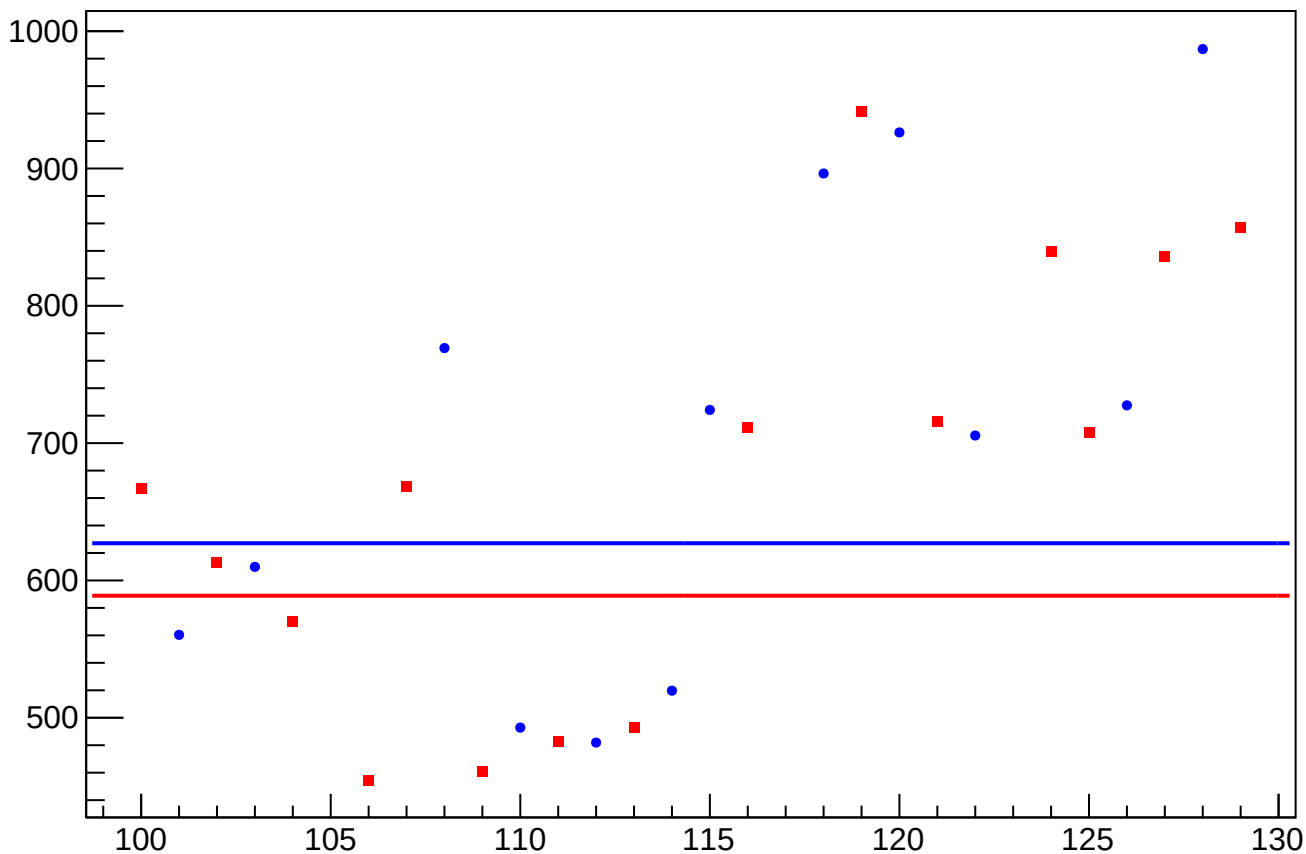
Right: 433.609 $\pm$ 189.457 χ^2 /NDF: 26.0/26

In: 177.019 $\pm$ 289.984 χ^2 /NDF: 13.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 433.609 $\pm$ 189.457 χ^2 /NDF: 26.0/26

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 627.092+/-0.205 χ^2/NDF : 524582.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

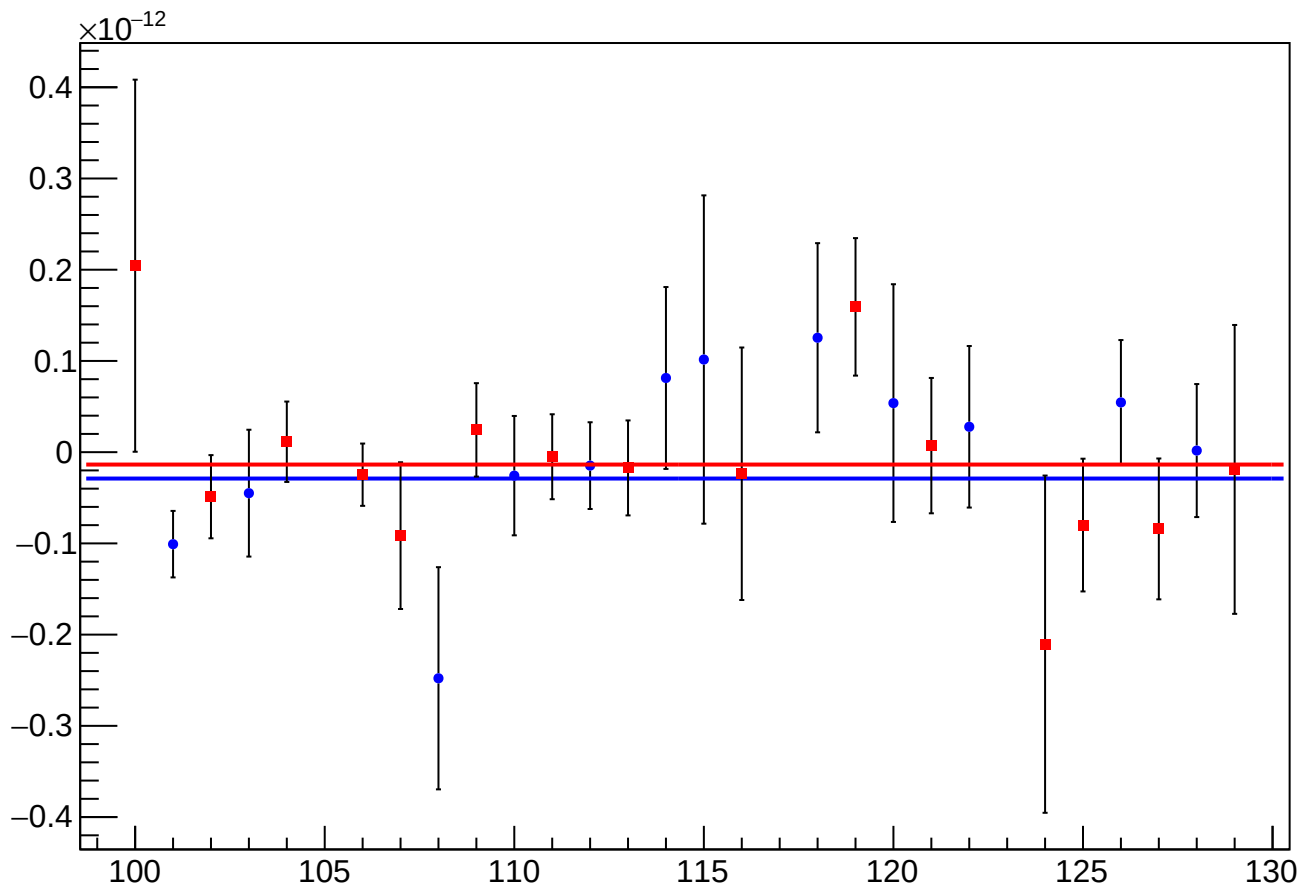
Right: 605.197+/-0.134 χ^2/NDF : 1183082.0/26

In: 627.092+/-0.205 χ^2/NDF : 524582.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 605.197+/-0.134 χ^2/NDF : 1183082.0/26

asym_sam_15_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

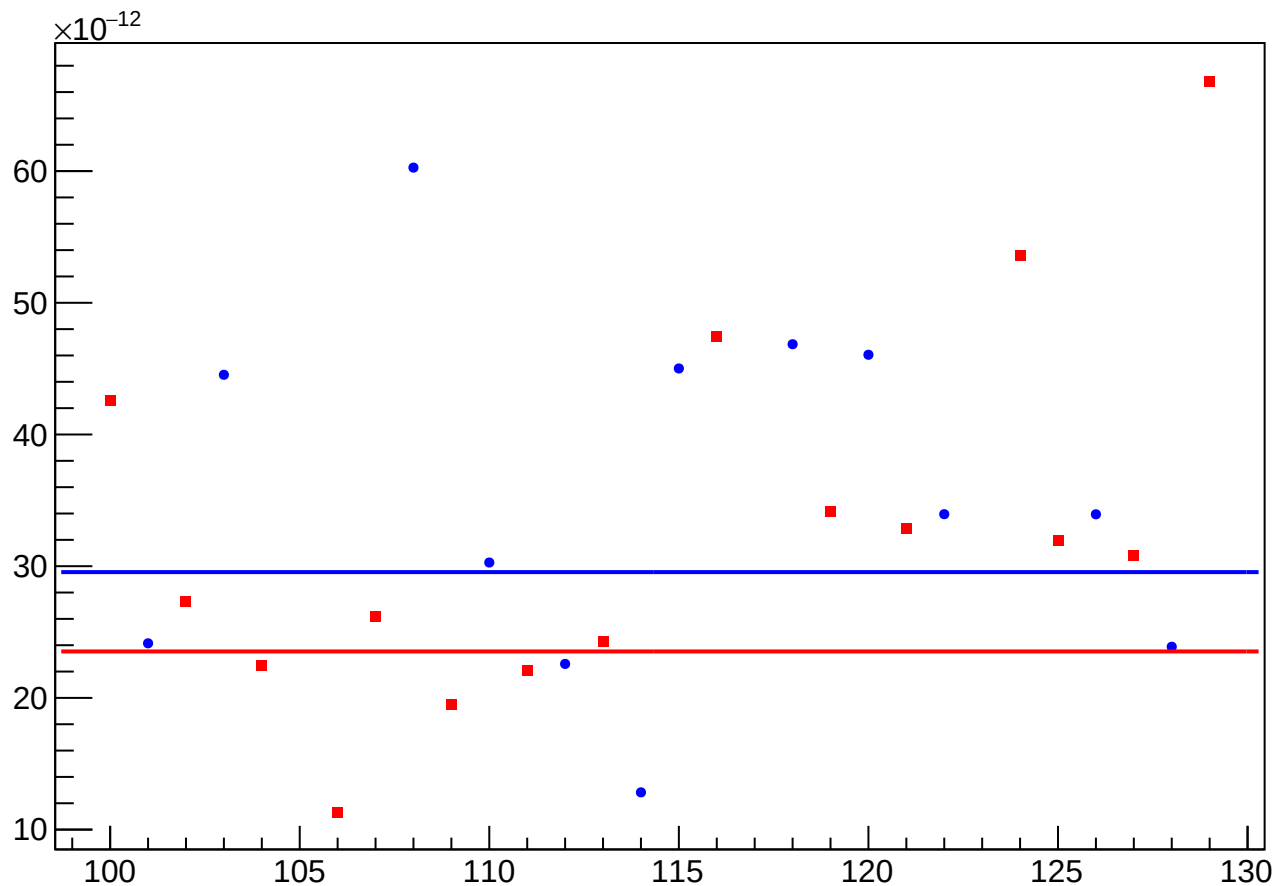
Right: -0.000+/-0.000 χ^2/NDF : 25.9/26

In: -0.000+/-0.000 χ^2/NDF : 13.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.9/26

asym_sam_15_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 491458.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

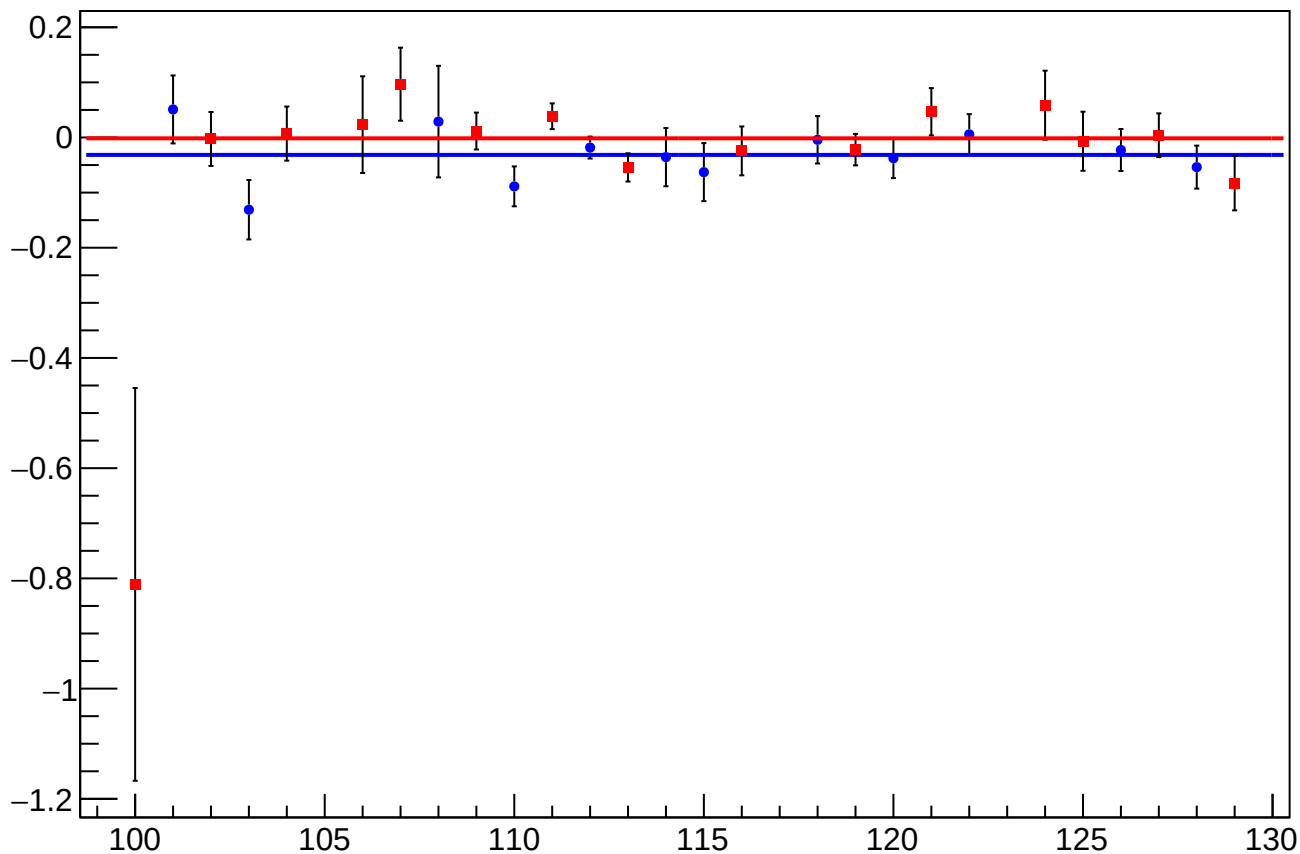
Right: 0.000+/-0.000 χ^2/NDF : 1288736.8/26

In: 0.000+/-0.000 χ^2/NDF : 491458.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1288736.8/26

asym_sam_15_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.032+/-0.011 χ^2/NDF : 10.7/11

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

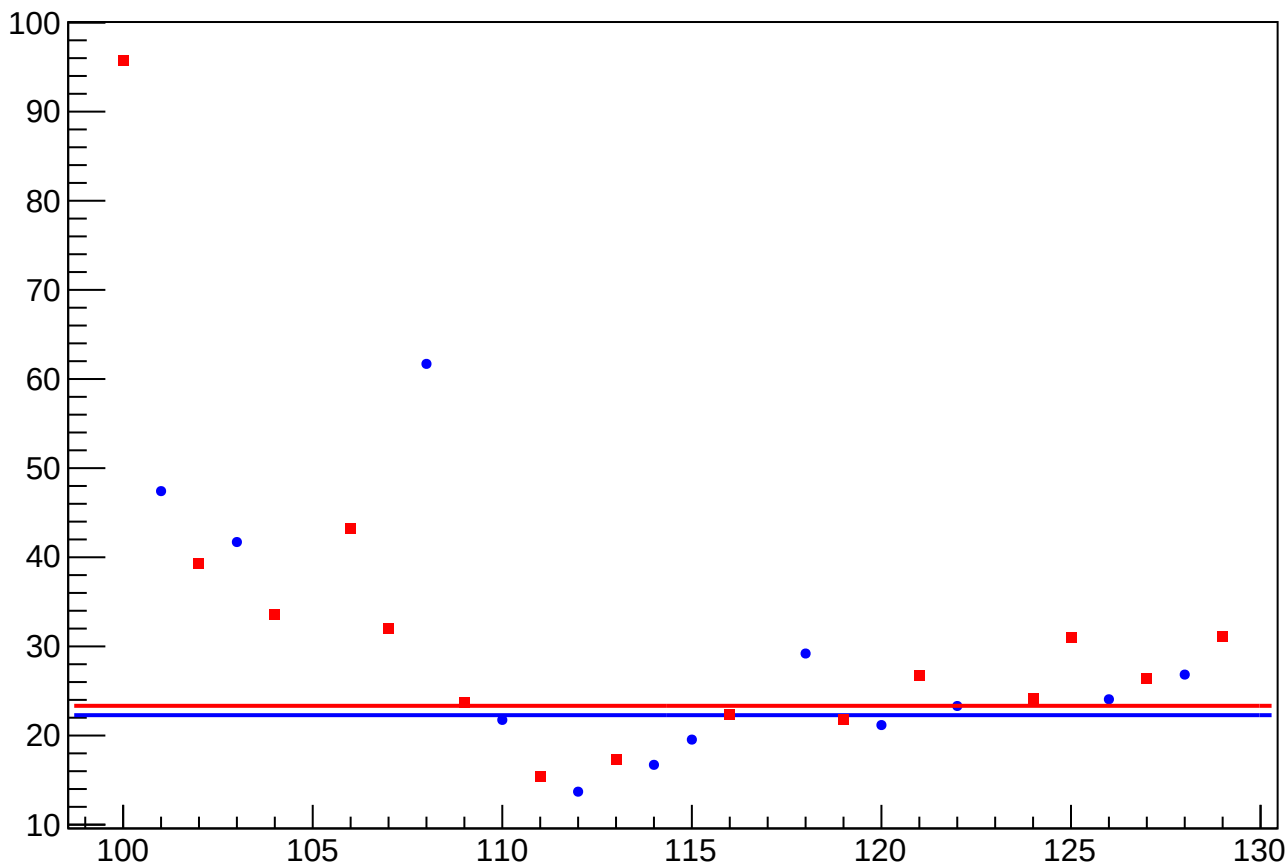
Right: -0.015+/-0.008 χ^2/NDF : 35.1/26

In: -0.032+/-0.011 χ^2/NDF : 10.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.015+/-0.008 χ^2/NDF : 35.1/26

asym_sam_15_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.285+/-0.008 χ^2/NDF : 1381156.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

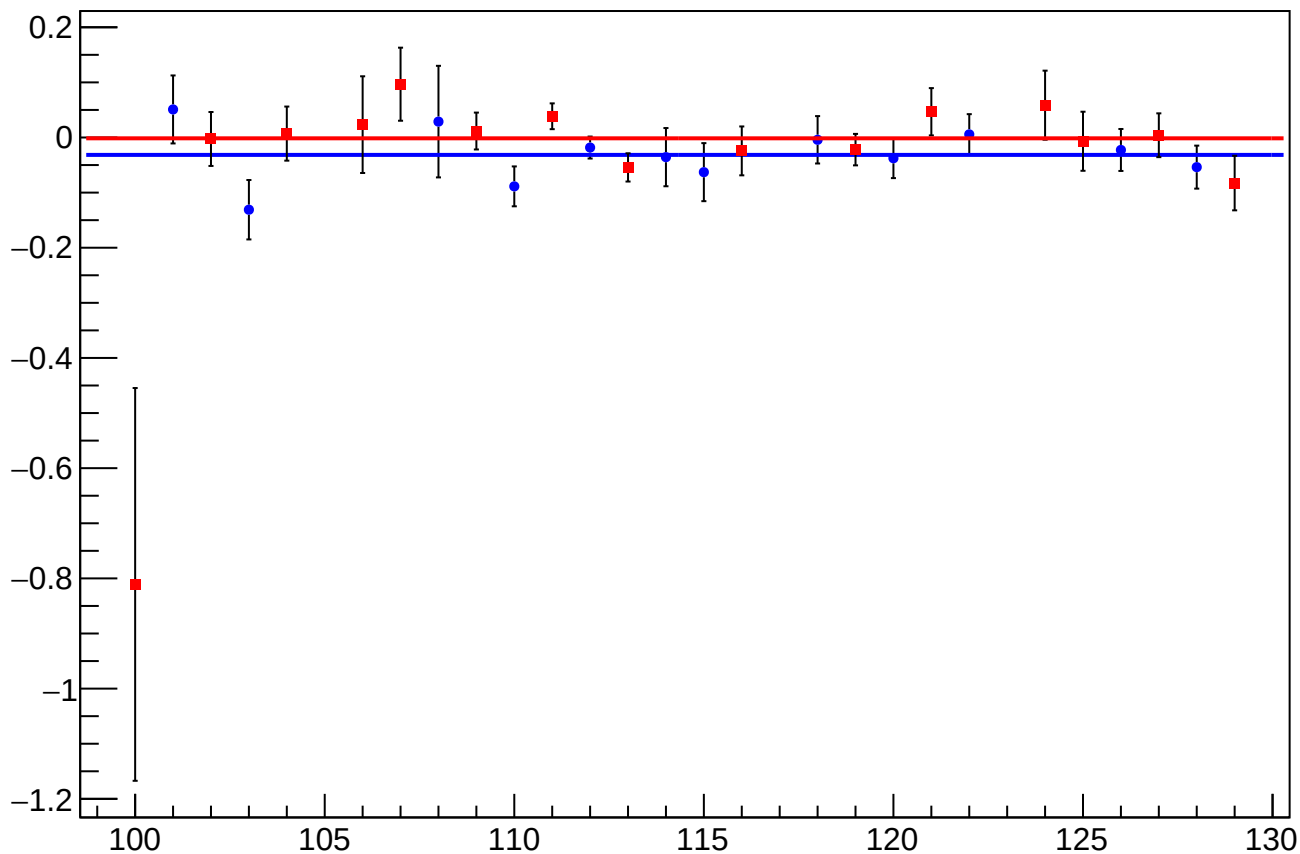
Right: 22.847+/-0.005 χ^2/NDF : 2373360.6/26

In: 22.285+/-0.008 χ^2/NDF :1381156.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 22.847+/-0.005 χ^2/NDF : 2373360.6/26

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.032 ± 0.011 χ^2/NDF : 10.7/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.001 ± 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

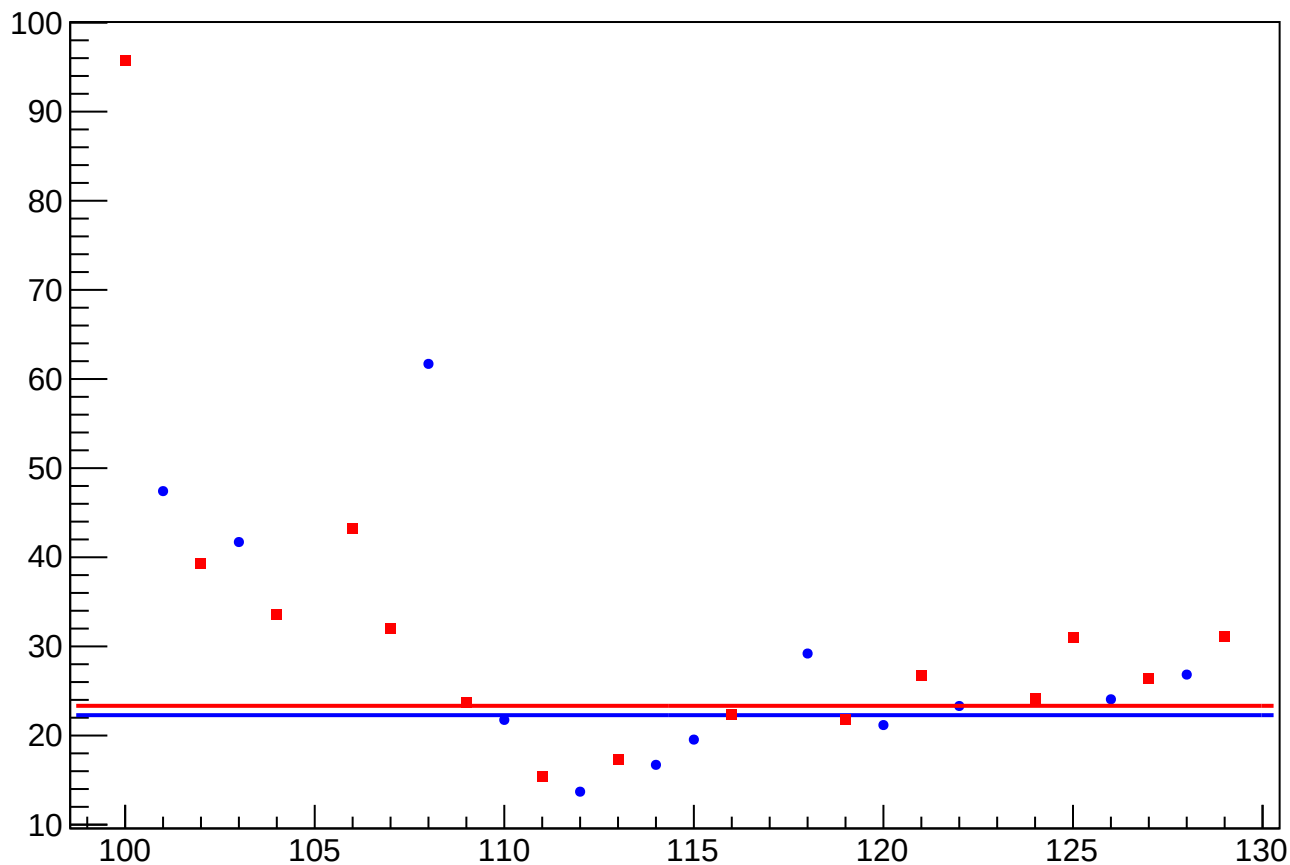
Right: -0.015 ± 0.008 χ^2/NDF : 35.1/26

In: -0.032 ± 0.011 χ^2/NDF : 10.7/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.015 ± 0.008 χ^2/NDF : 35.1/26

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.285+/-0.008 χ^2/NDF : 1381156.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

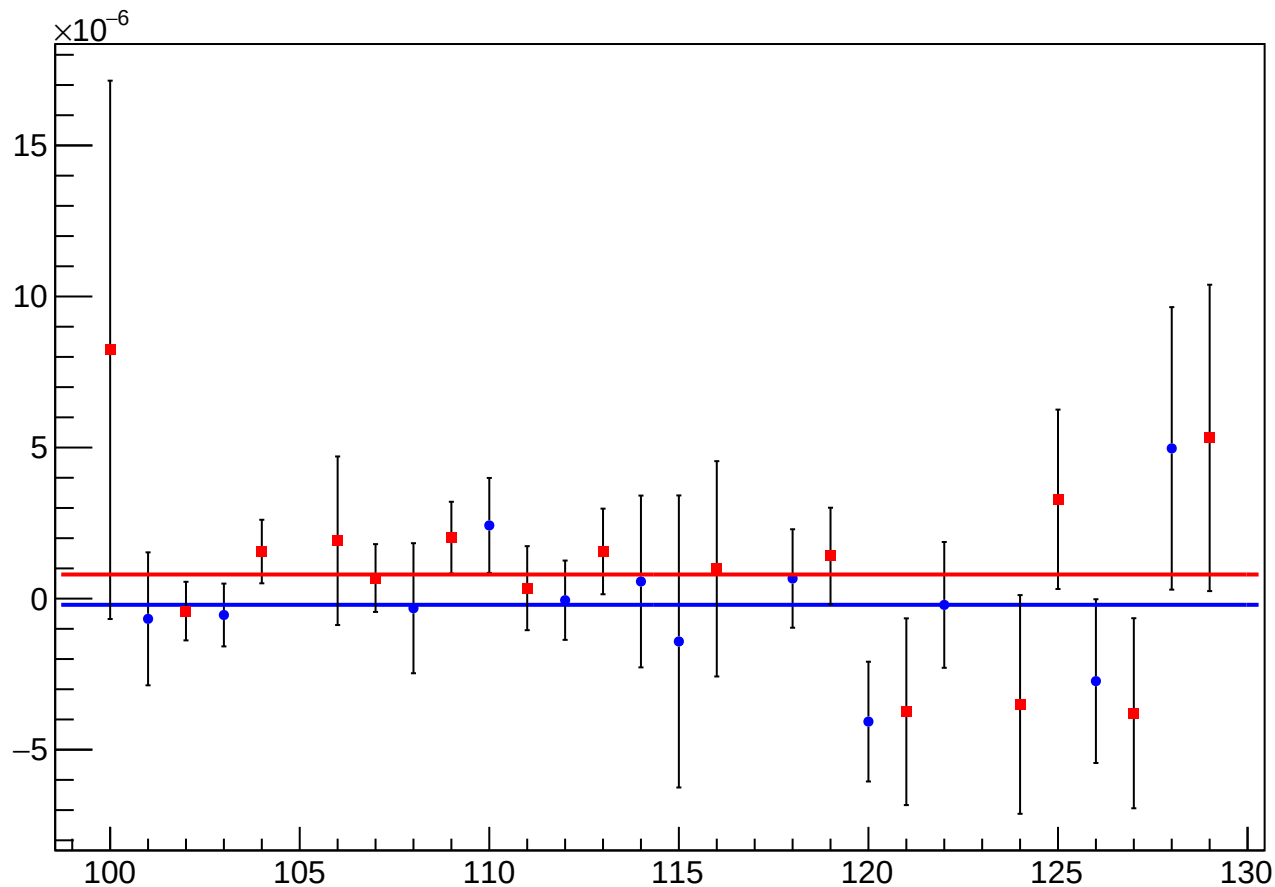
Right: 22.847+/-0.005 χ^2/NDF : 2373360.6/26

In: 22.285+/-0.008 χ^2/NDF :1381156.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 22.847+/-0.005 χ^2/NDF : 2373360.6/26

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.3/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

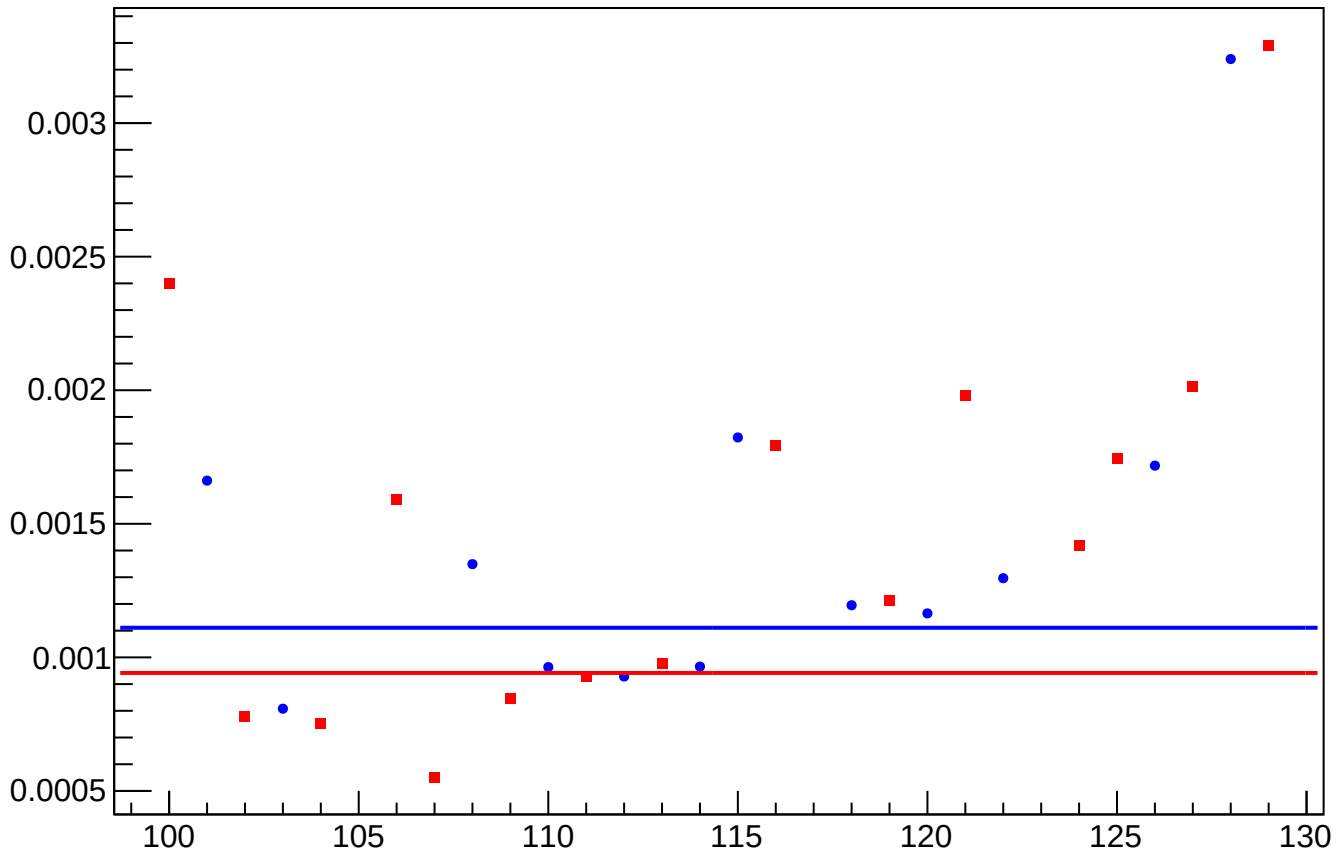
Right: 0.000+/-0.000 χ^2/NDF : 23.2/26

In: -0.000+/-0.000 χ^2/NDF :9.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.2/26

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 962076.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 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

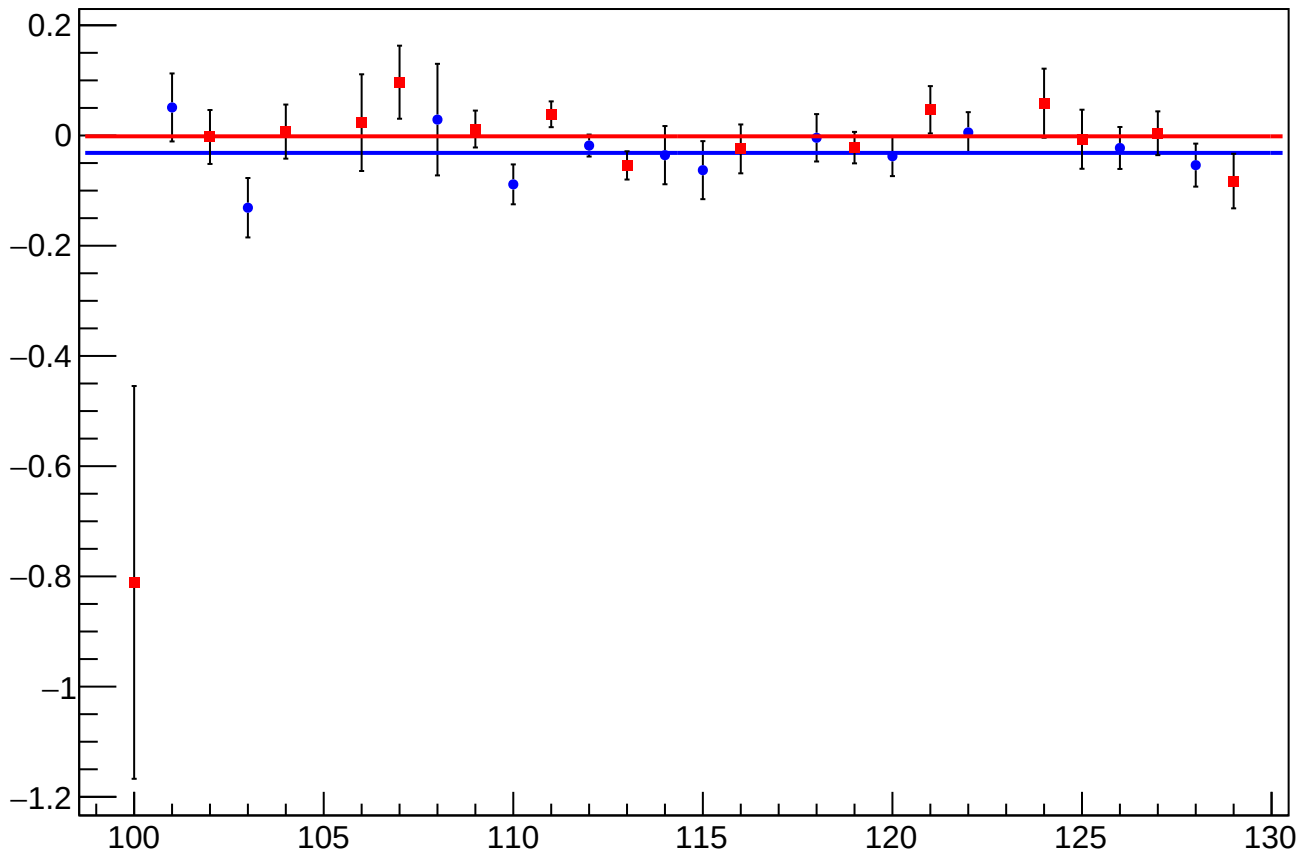
Right: 0.001+/-0.000 χ^2/NDF : 2866428.2/26

In: 0.001+/-0.000 χ^2/NDF : 962076.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2866428.2/26

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.032+/-0.011 χ^2/NDF : 10.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.001+/-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

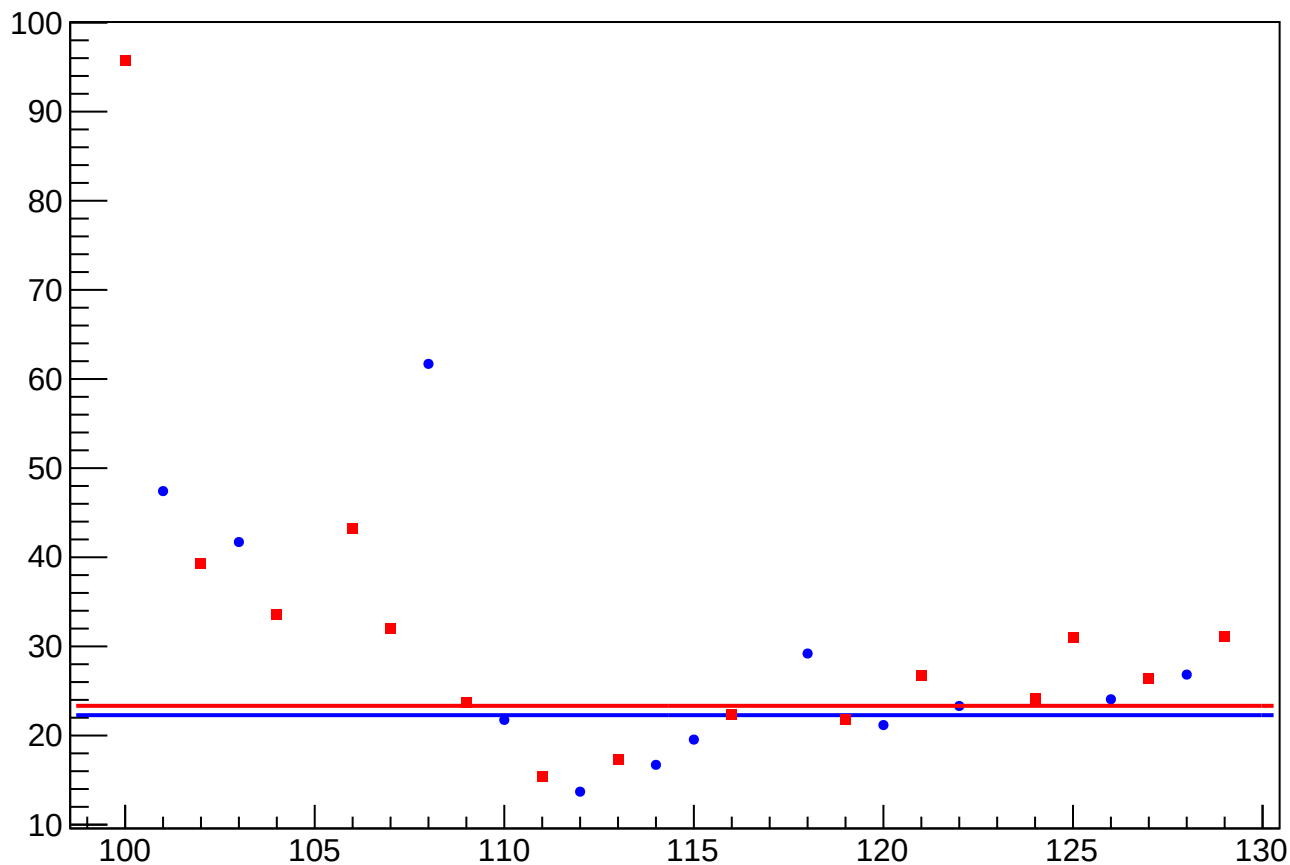
Right: -0.015+/-0.008 χ^2/NDF : 35.1/26

In: -0.032+/-0.011 χ^2/NDF : 10.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.015+/-0.008 χ^2/NDF : 35.1/26

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.285+/-0.008 χ^2/NDF : 1381188.1/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

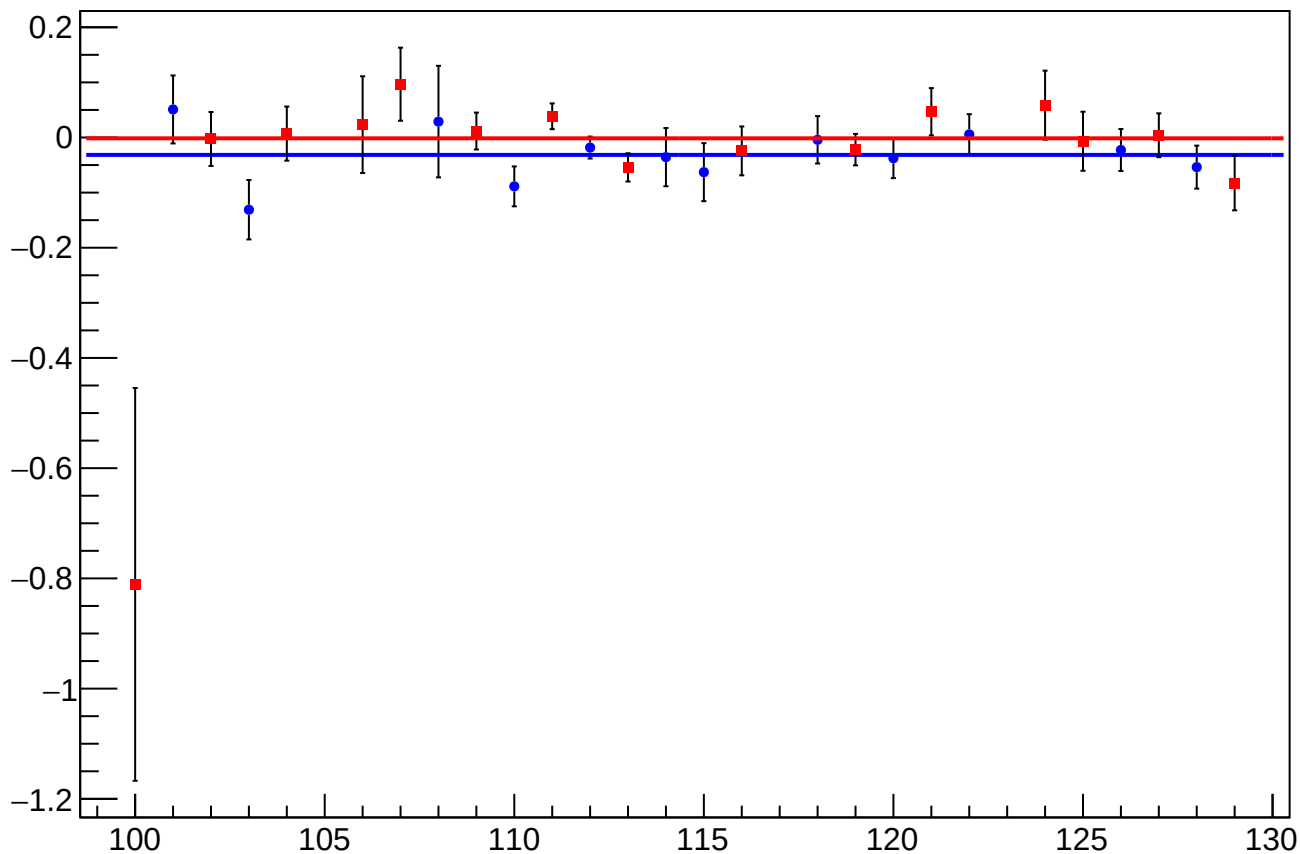
Right: 22.847+/-0.005 χ^2/NDF : 2373424.4/26

In: 22.285+/-0.008 χ^2/NDF :1381188.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 22.847+/-0.005 χ^2/NDF : 2373424.4/26

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.032+/-0.011 χ^2/NDF : 10.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.001+/-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

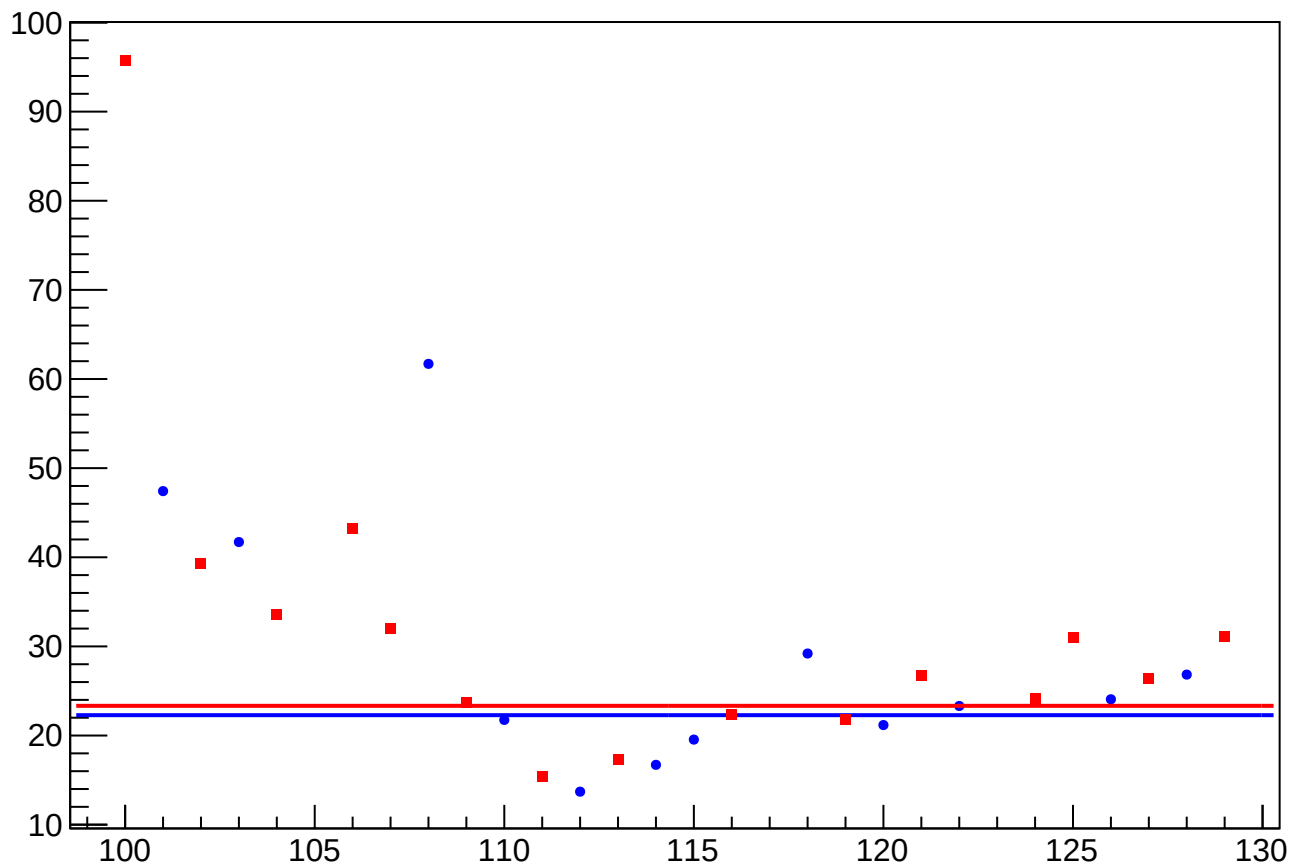
Right: -0.015+/-0.008 χ^2/NDF : 35.1/26

In: -0.032+/-0.011 χ^2/NDF :10.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.015+/-0.008 χ^2/NDF : 35.1/26

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.285+/-0.008 χ^2/NDF : 1381188.1/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

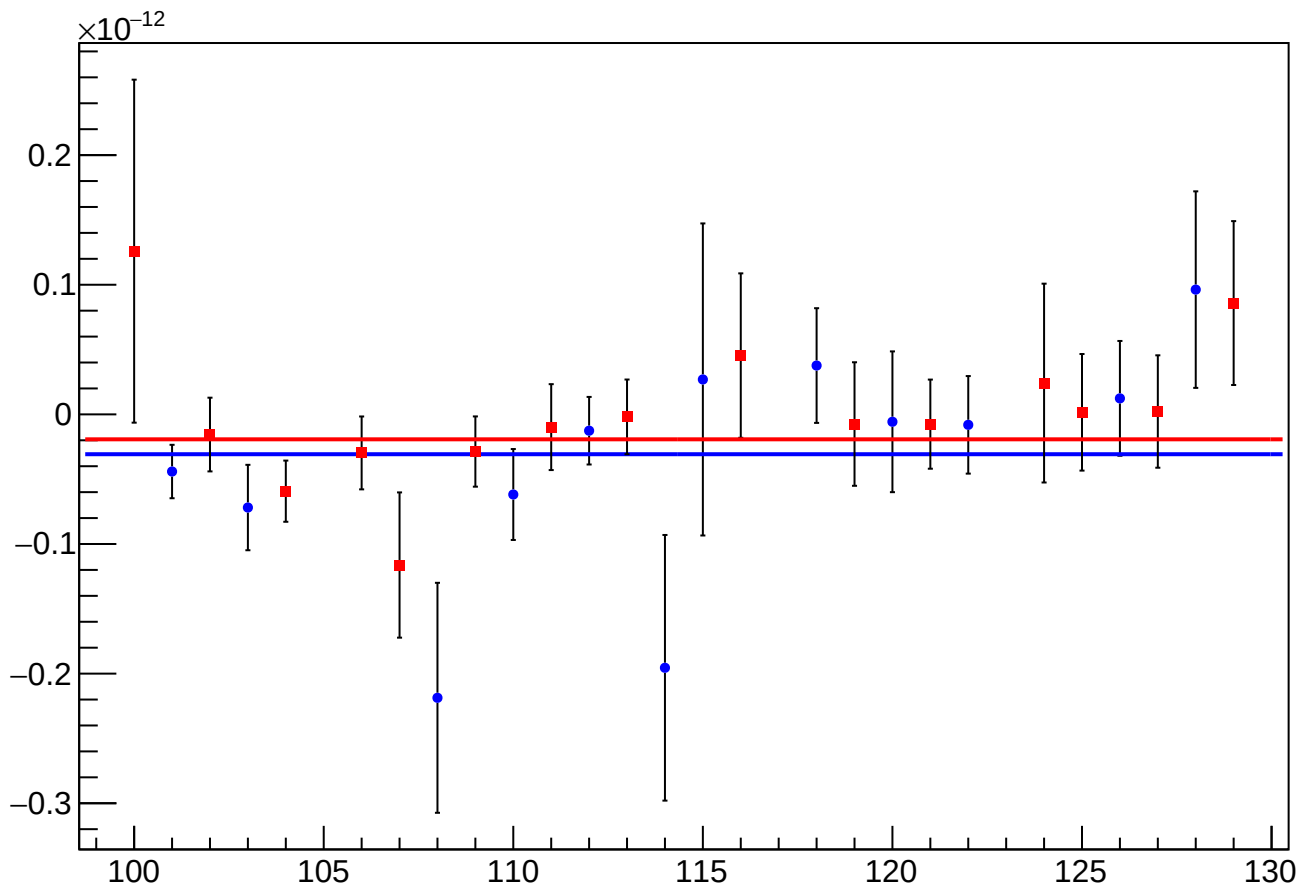
Right: 22.847+/-0.005 χ^2/NDF : 2373424.4/26

In: 22.285+/-0.008 χ^2/NDF :1381188.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 22.847+/-0.005 χ^2/NDF : 2373424.4/26

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 17.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 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

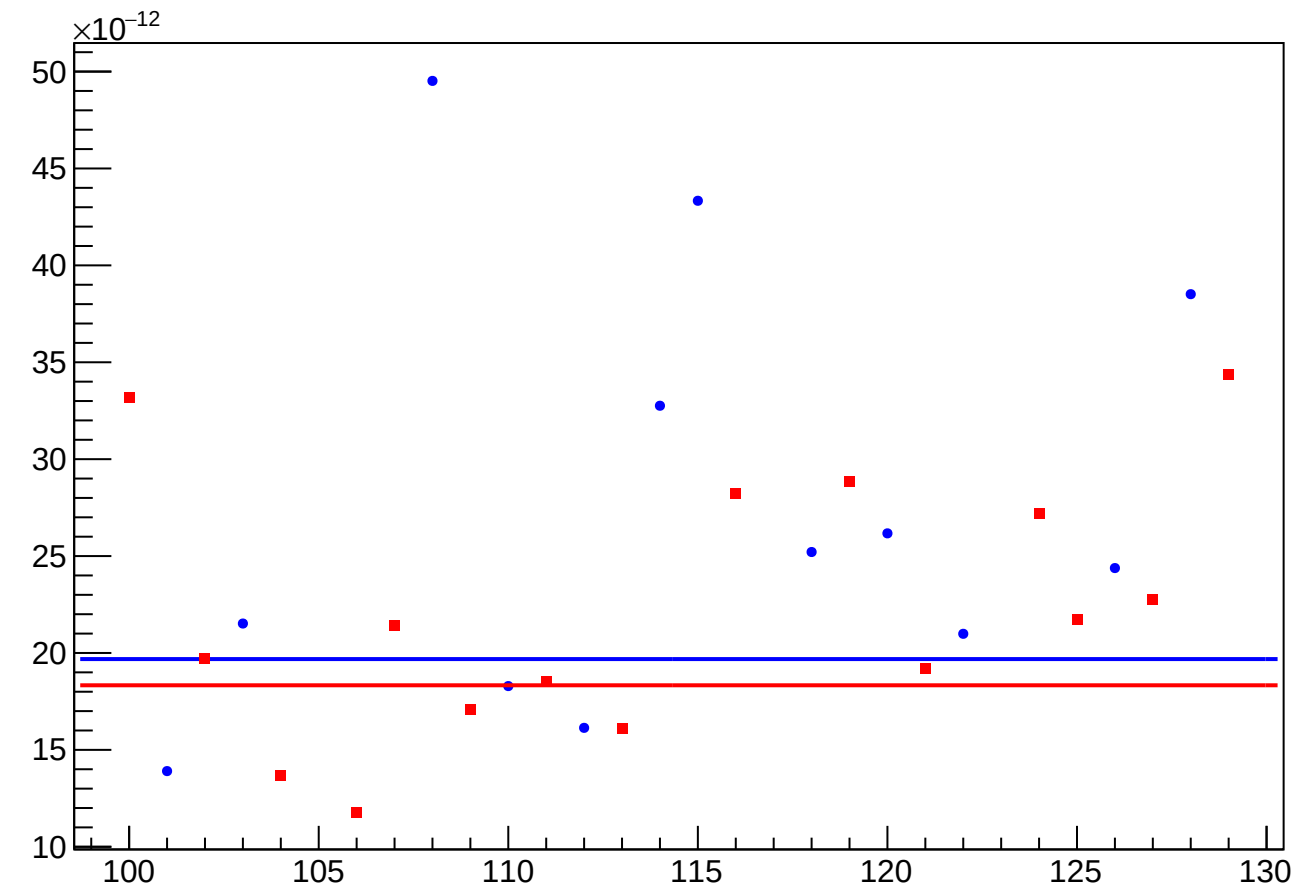
Right: -0.000 ± 0.000 χ^2/NDF : 30.4/26

In: -0.000 ± 0.000 χ^2/NDF : 17.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 30.4/26

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 747826.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

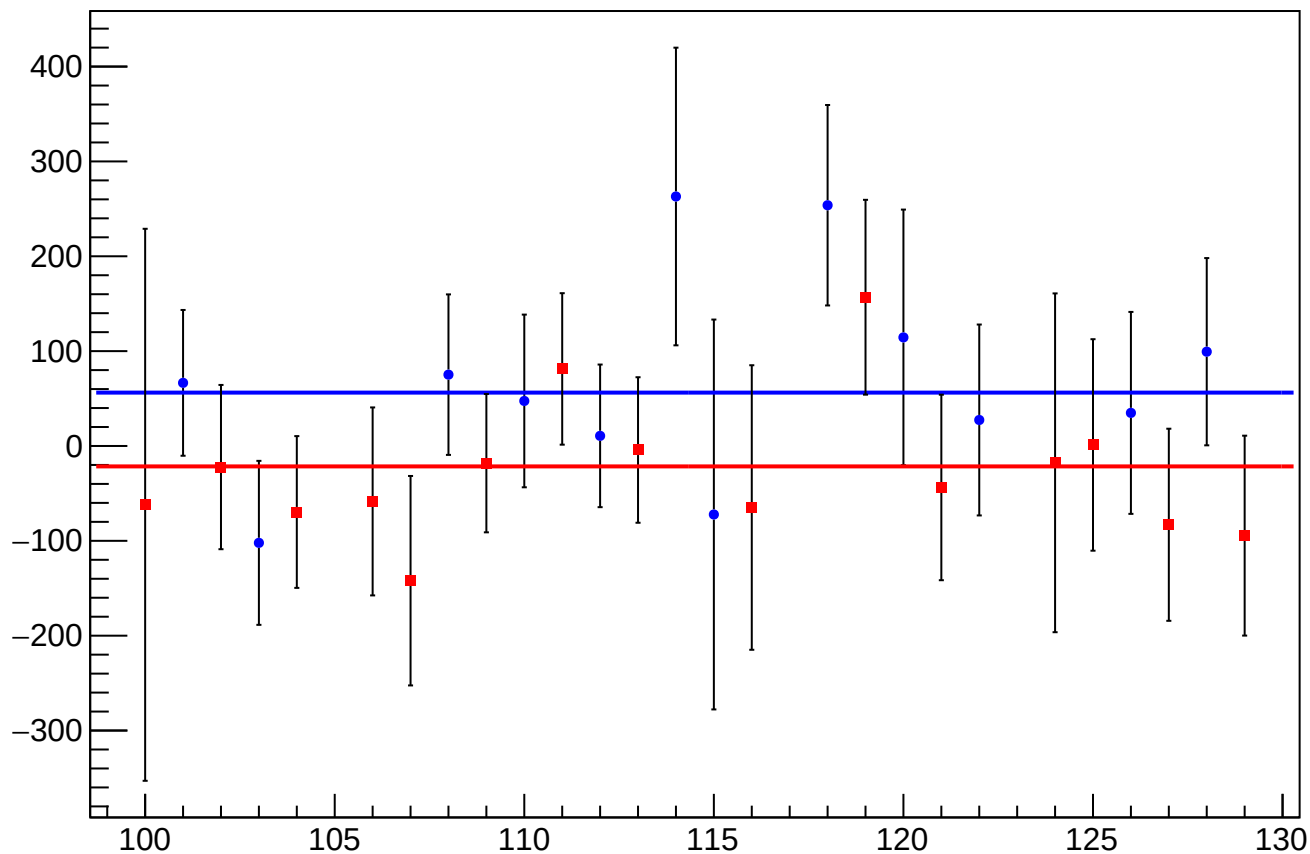
Right: 0.000+/-0.000 χ^2/NDF : 1337940.2/26

In: 0.000+/-0.000 χ^2/NDF : 747826.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1337940.2/26

reg_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 56.270 $\pm$ 28.410 χ^2 /NDF: 9.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -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

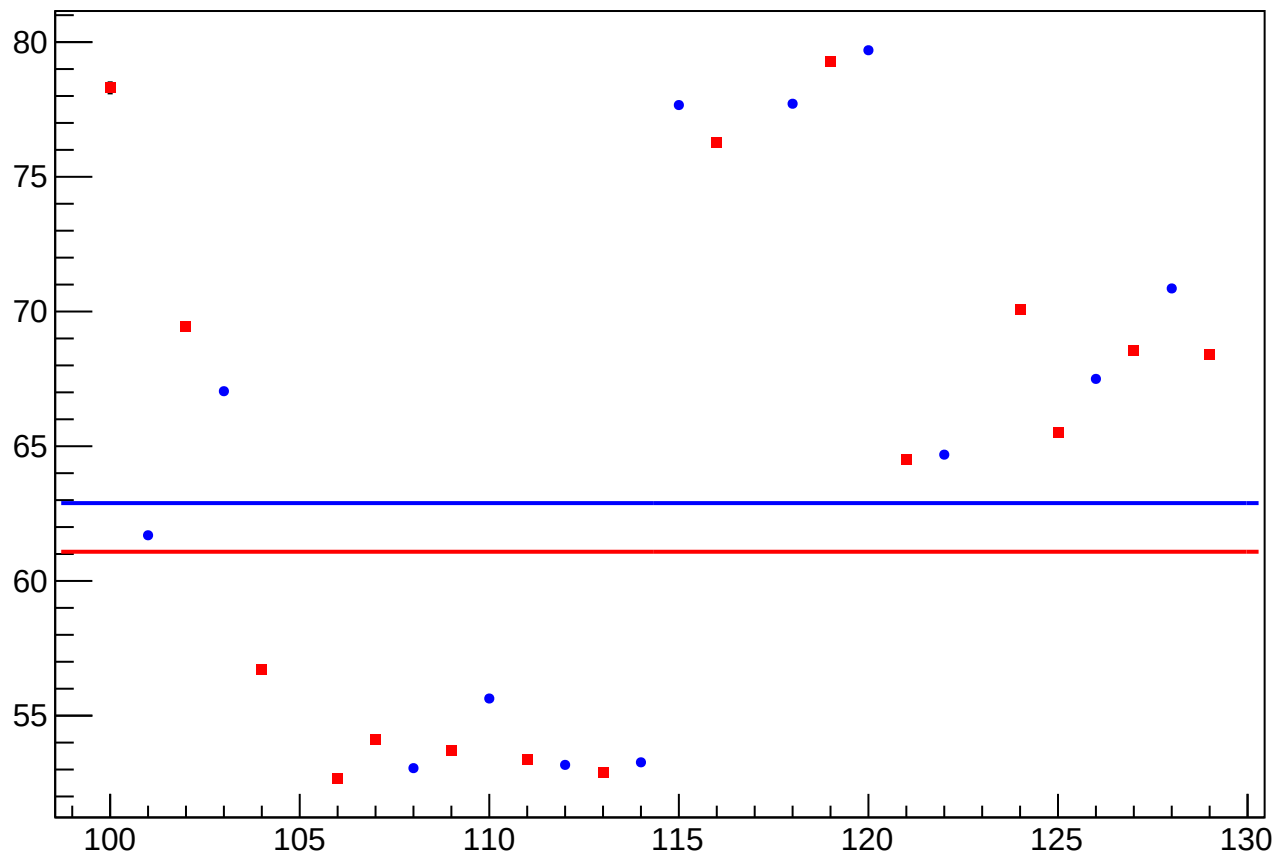
Right: 13.111 $\pm$ 18.958 χ^2 /NDF: 21.5/26

In: 56.270 $\pm$ 28.410 χ^2 /NDF: 9.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13.111 $\pm$ 18.958 χ^2 /NDF: 21.5/26

reg_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 62.889+/-0.020 χ^2/NDF : 183988.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

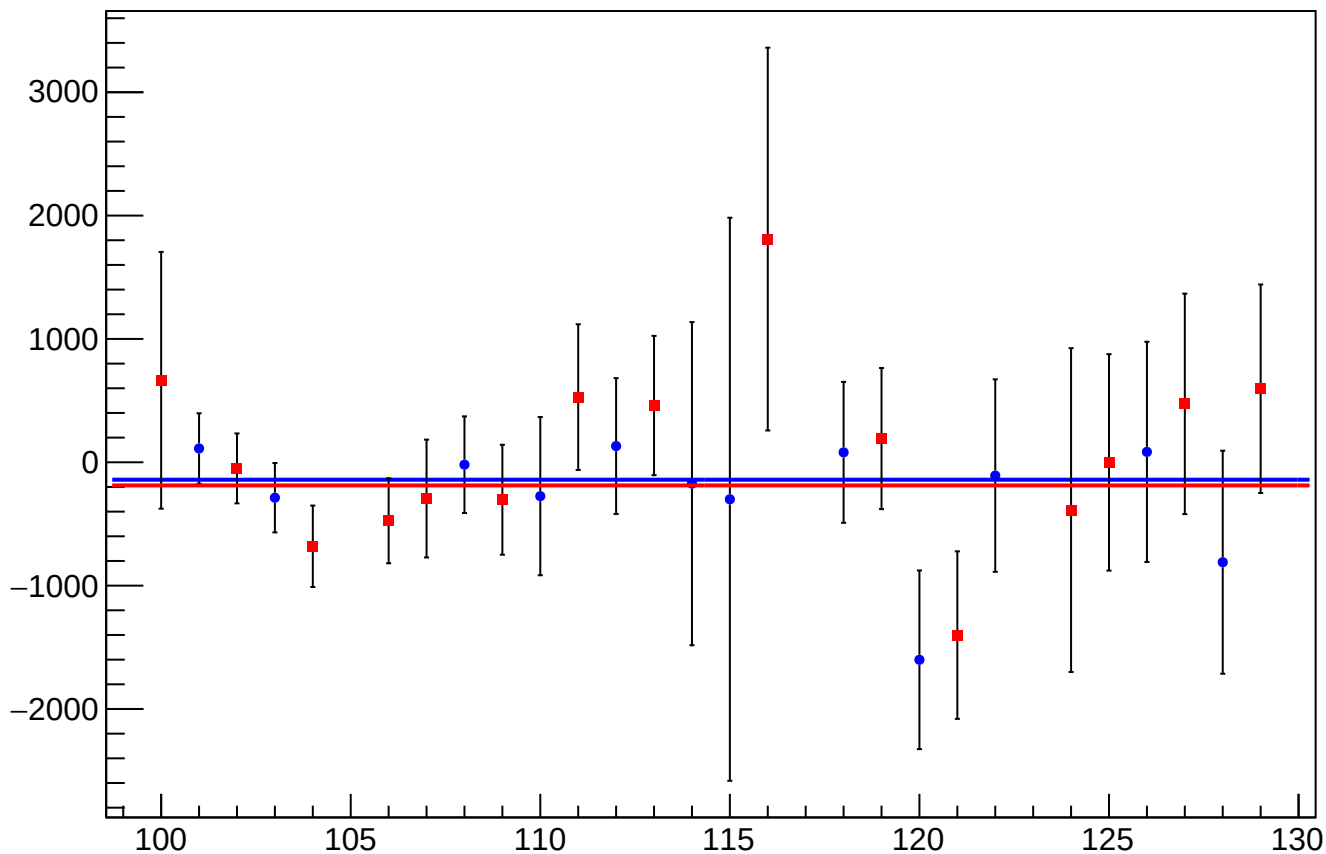
Right: 61.887+/-0.013 χ^2/NDF : 419018.9/26

In: 62.889+/-0.020 χ^2/NDF : 183988.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.887+/-0.013 χ^2/NDF : 419018.9/26

asym_sam_37_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -141.313+/-145.790 χ^2/NDF : 6.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

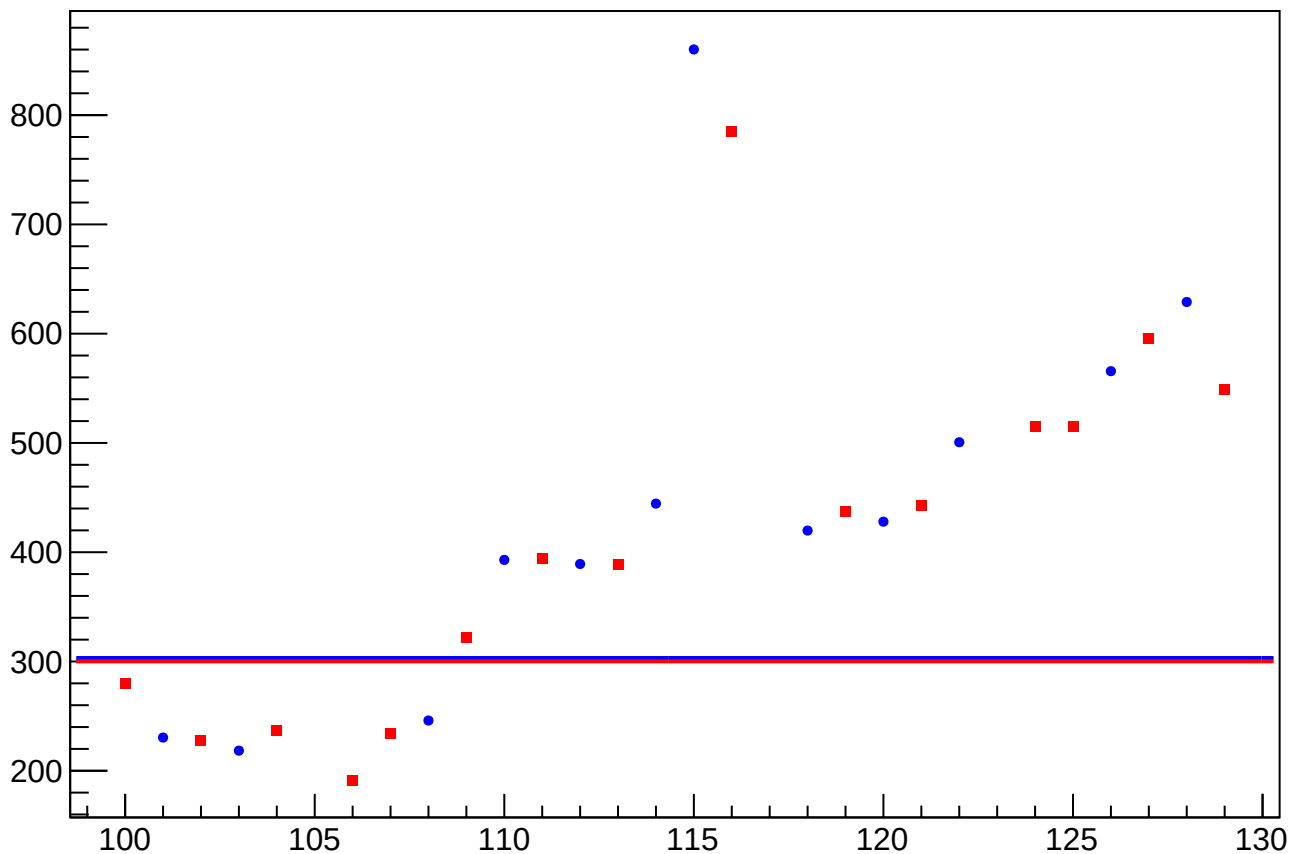
Right: -166.552+/-98.233 χ^2/NDF : 19.8/26

In: -141.313+/-145.790 χ^2/NDF : 6.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -166.552+/-98.233 χ^2/NDF : 19.8/26

asym_sam_37_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 303.173+/-0.103 χ^2/NDF : 1288537.1/11

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

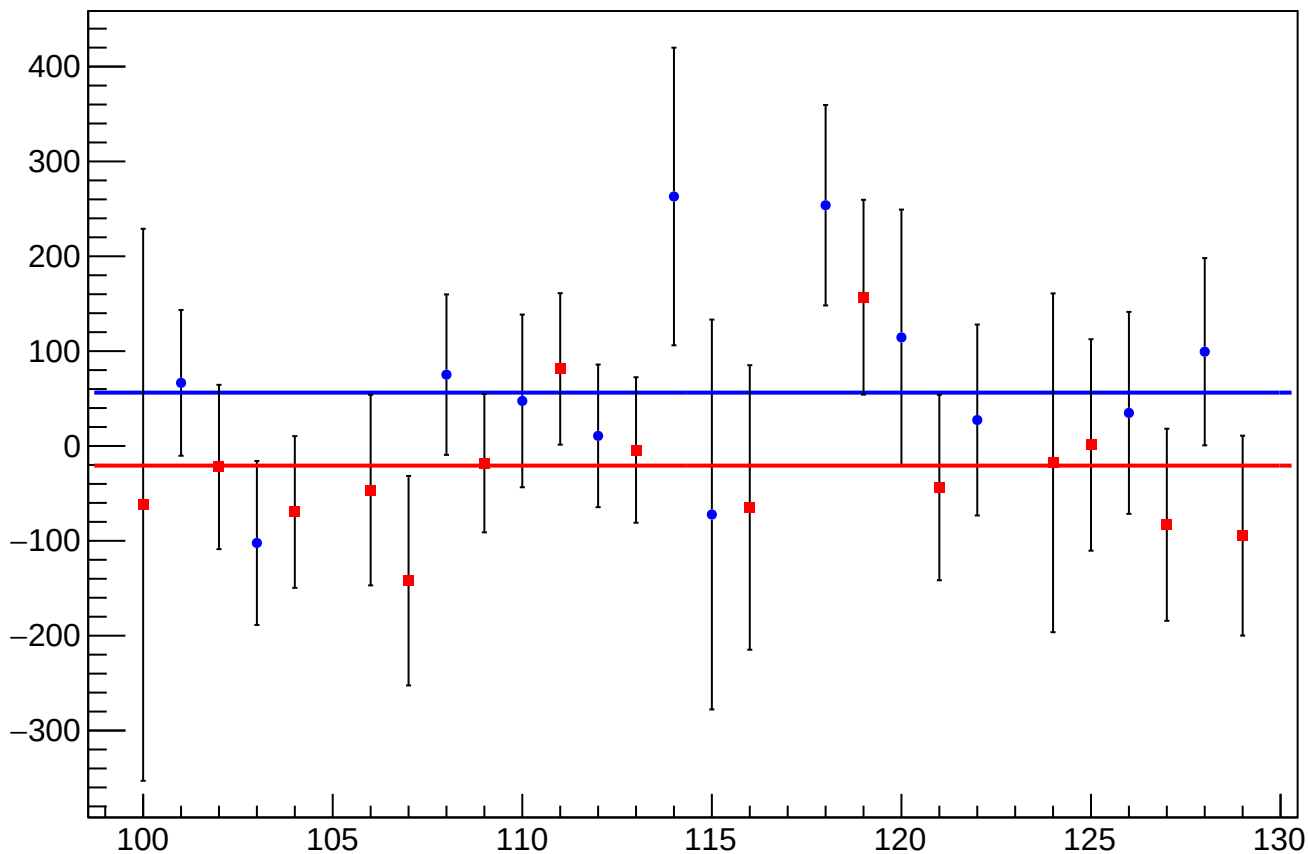
Right: 301.505+/-0.069 χ^2/NDF : 2802381.3/26

In: 303.173+/-0.103 χ^2/NDF : 1288537.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 301.505+/-0.069 χ^2/NDF : 2802381.3/26

cor_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 56.264 $\pm$ 28.410 χ^2 /NDF: 9.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -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

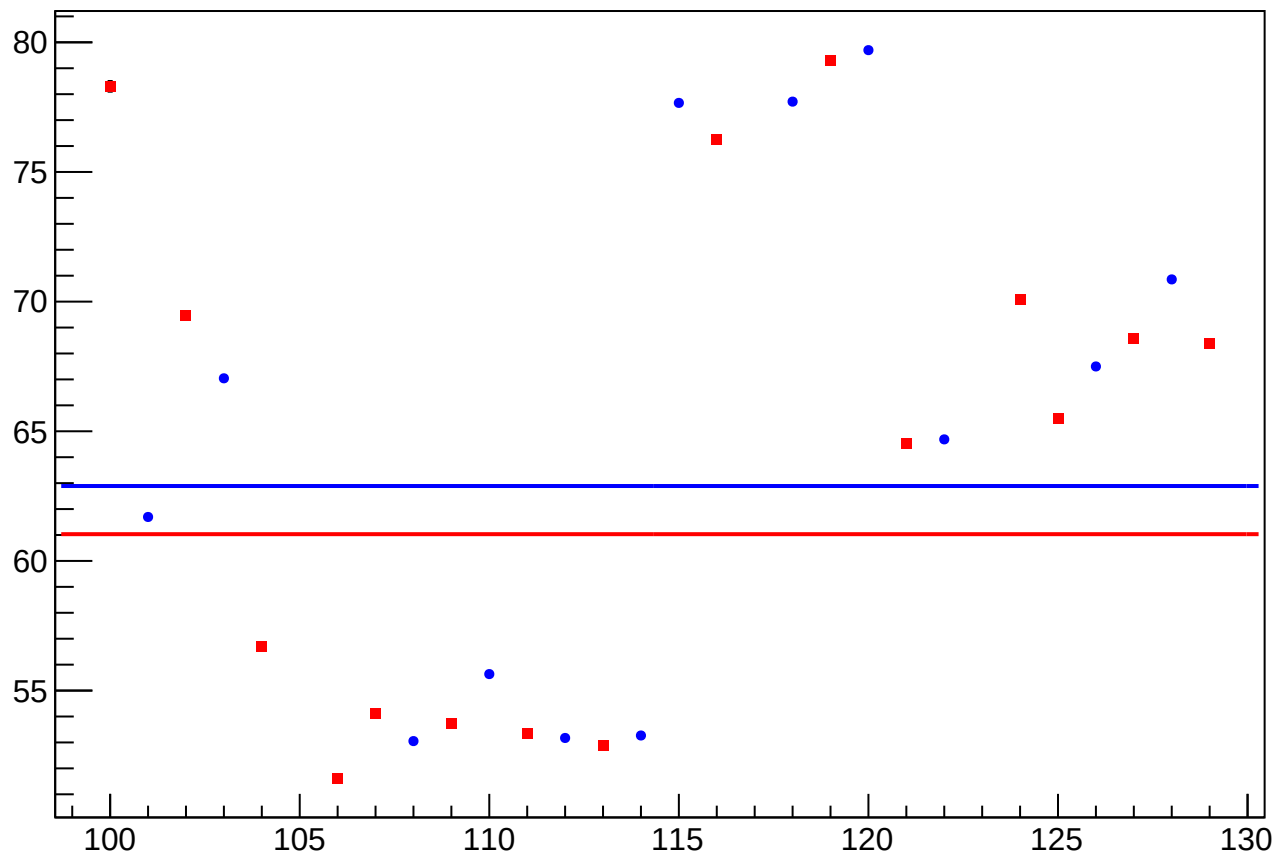
Right: 13.614 $\pm$ 18.968 χ^2 /NDF: 21.4/26

In: 56.264 $\pm$ 28.410 χ^2 /NDF: 9.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13.614 $\pm$ 18.968 χ^2 /NDF: 21.4/26

cor_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 62.889+/-0.020 χ^2/NDF : 183988.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

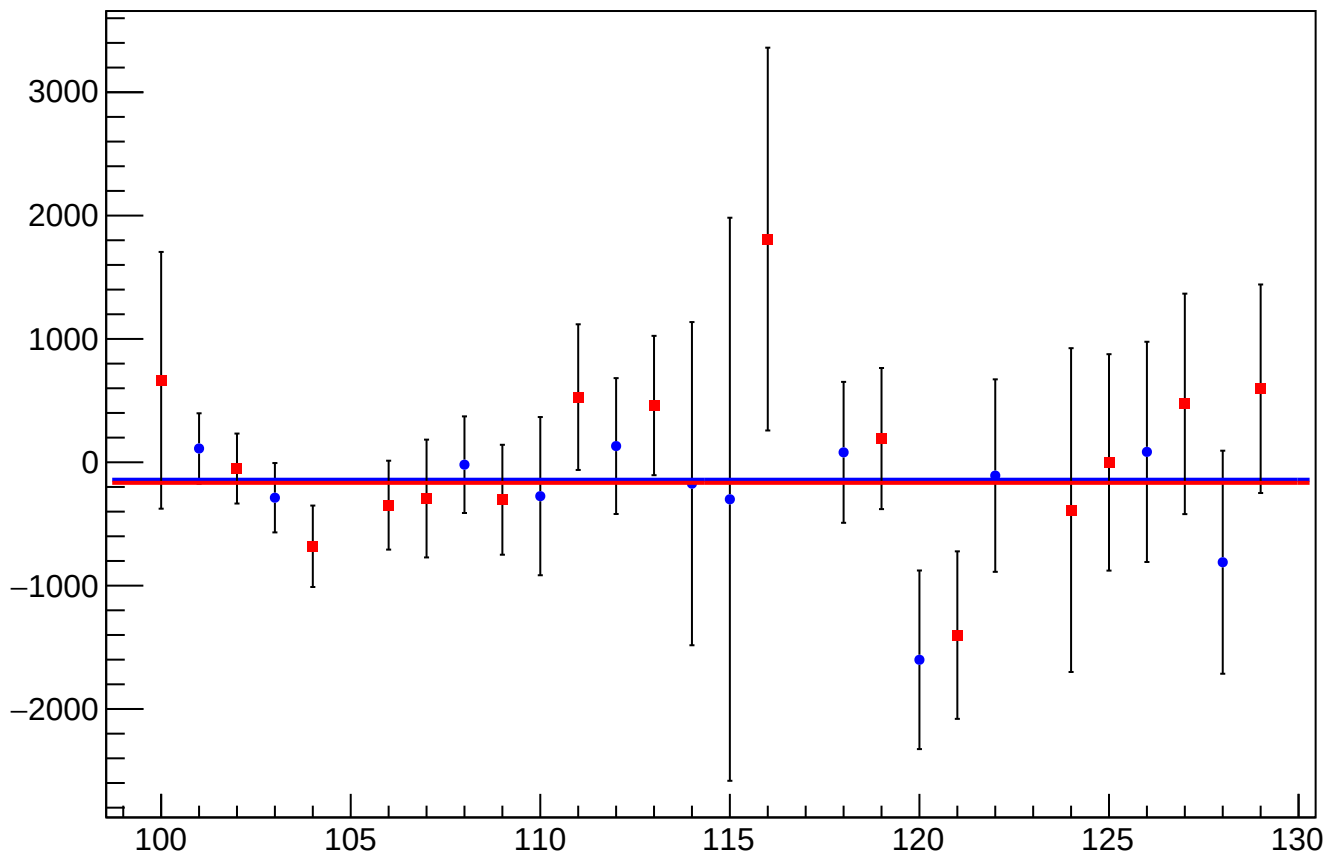
Right: 61.860+/-0.013 χ^2/NDF : 422707.5/26

In: 62.889+/-0.020 χ^2/NDF : 183988.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.860+/-0.013 χ^2/NDF : 422707.5/26

asym_sam_37_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -141.293+/-145.791 χ^2/NDF : 6.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

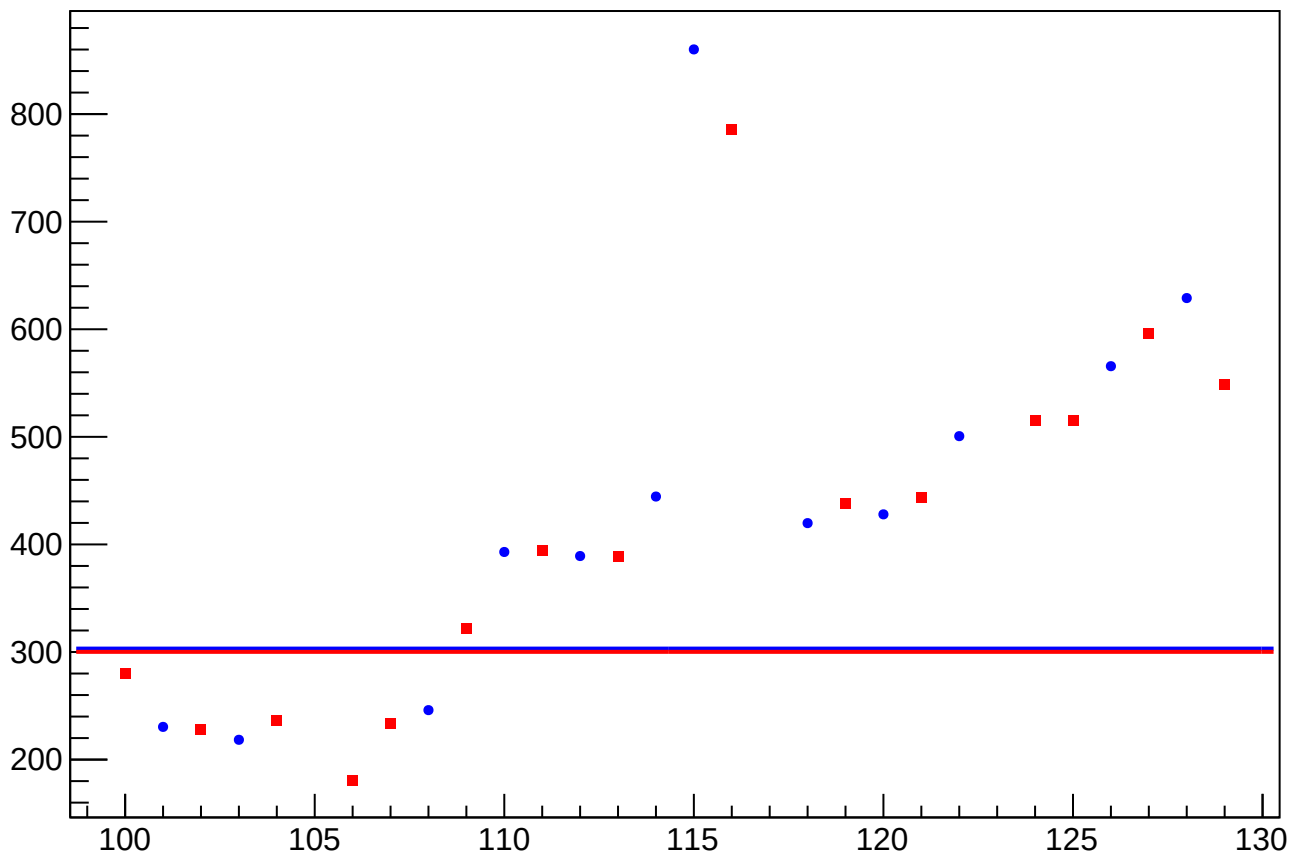
Right: -155.033+/-98.591 χ^2/NDF : 19.3/26

In: -141.293+/-145.791 χ^2/NDF : 6.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -155.033+/-98.591 χ^2/NDF : 19.3/26

asym_sam_37_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 303.177+/-0.103 χ^2/NDF : 1288492.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

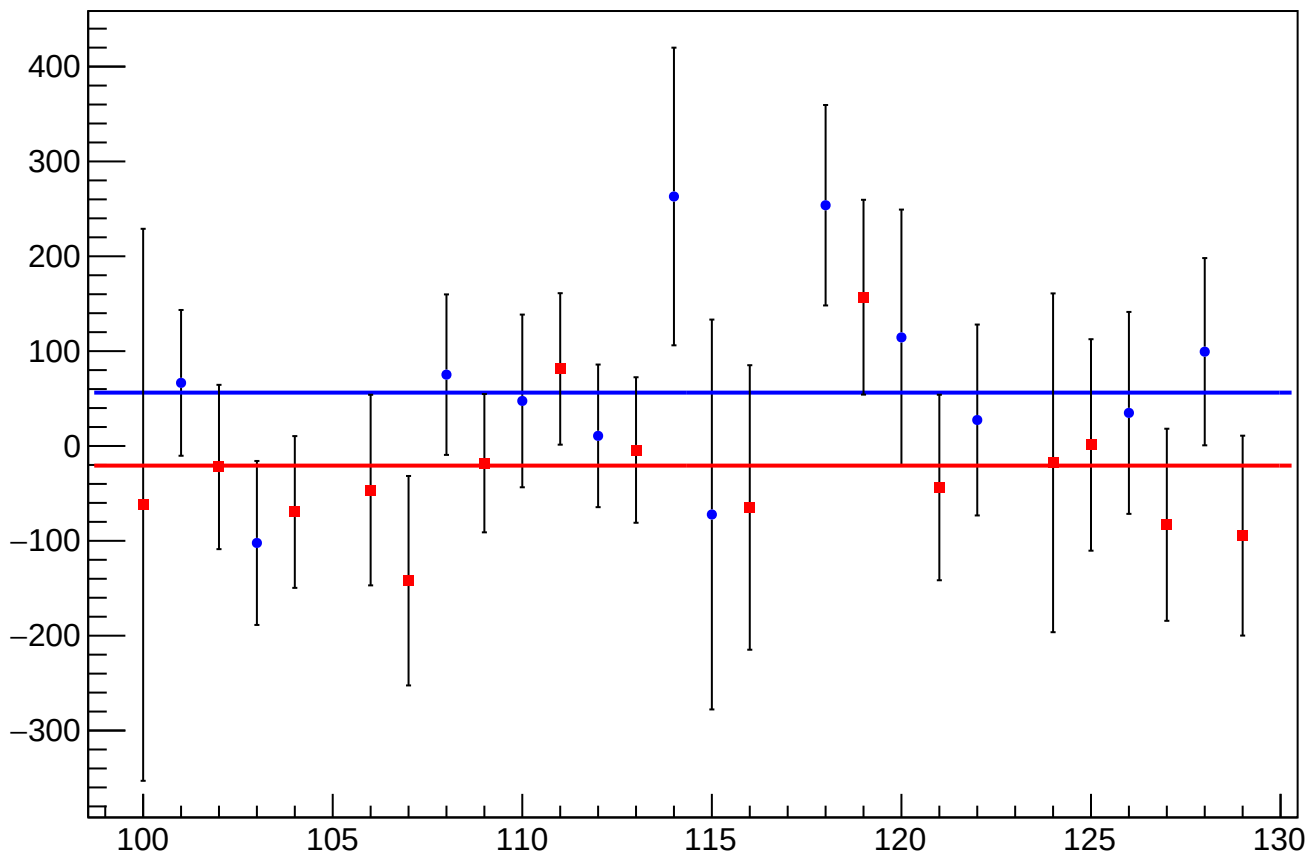
Right: 301.538+/-0.070 χ^2/NDF : 2821153.8/26

In: 303.177+/-0.103 χ^2/NDF : 1288492.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 301.538+/-0.070 χ^2/NDF : 2821153.8/26

eigen_cor_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 56.264+/-28.410 χ^2/NDF : 9.9/11

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

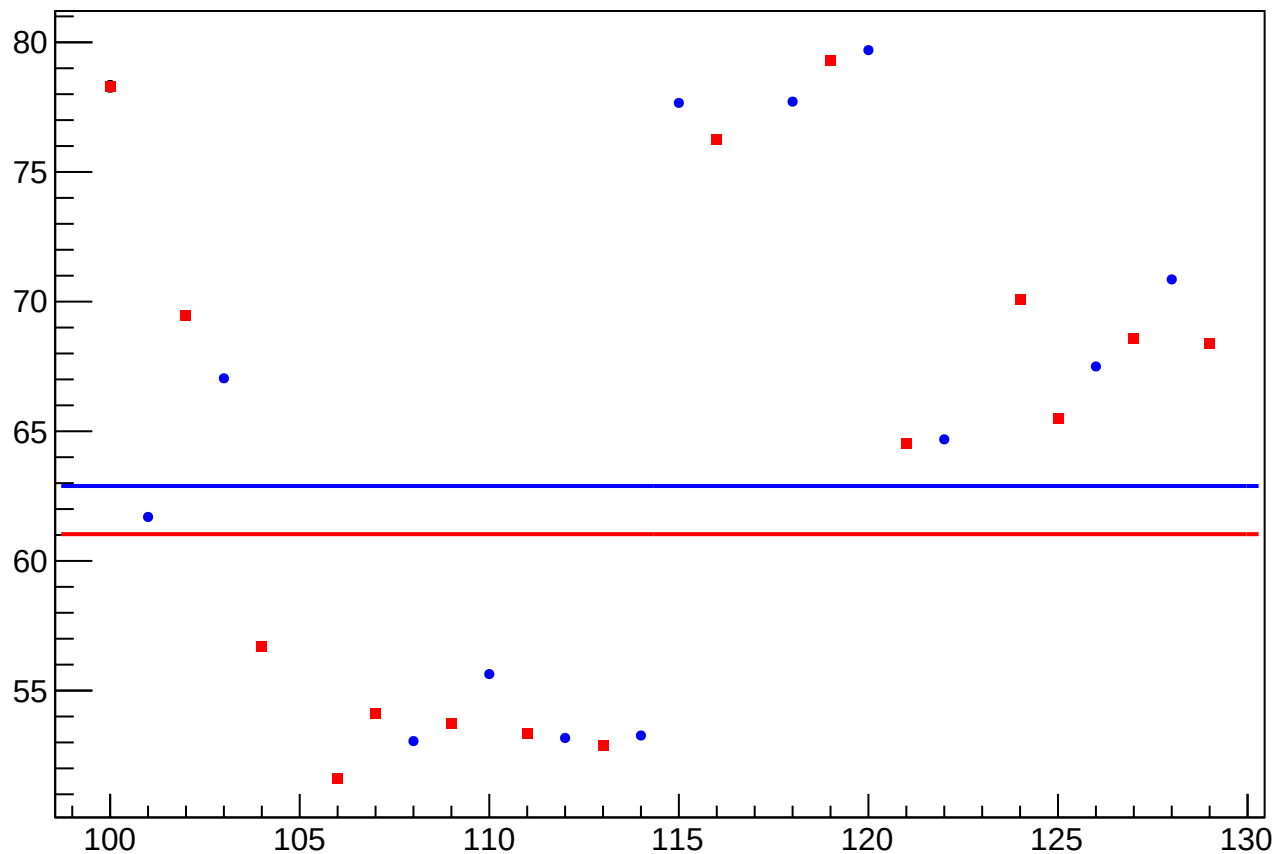
Right: 13.614+/-18.968 χ^2/NDF : 21.4/26

In: 56.264+/-28.410 χ^2/NDF : 9.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.614+/-18.968 χ^2/NDF : 21.4/26

eigen_cor_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 62.889+/-0.020 χ^2/NDF : 183988.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

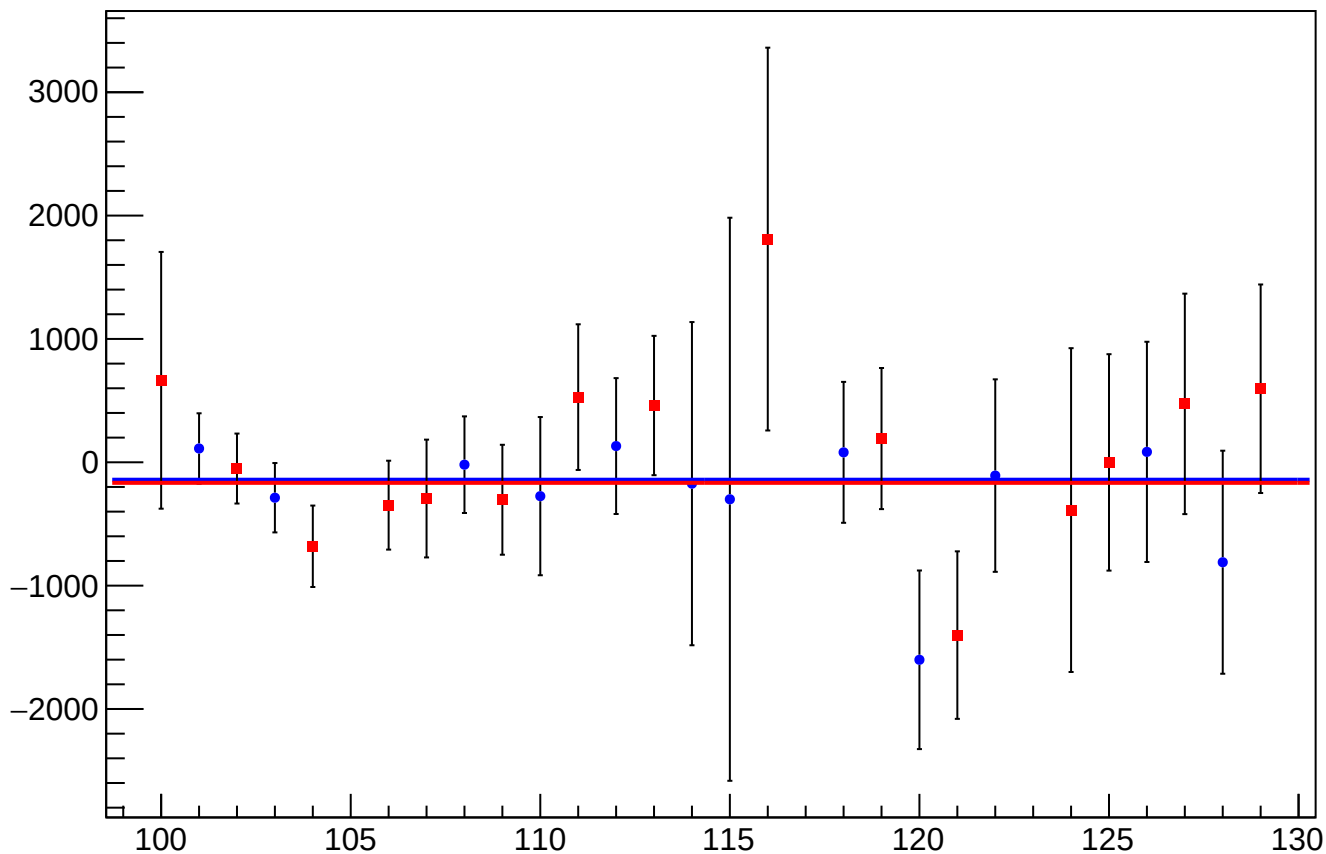
Right: 61.860+/-0.013 χ^2/NDF : 422707.5/26

In: 62.889+/-0.020 χ^2/NDF : 183988.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.860+/-0.013 χ^2/NDF : 422707.5/26

asym_sam_37_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -141.293+/-145.791 χ^2 /NDF: 6.3/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -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

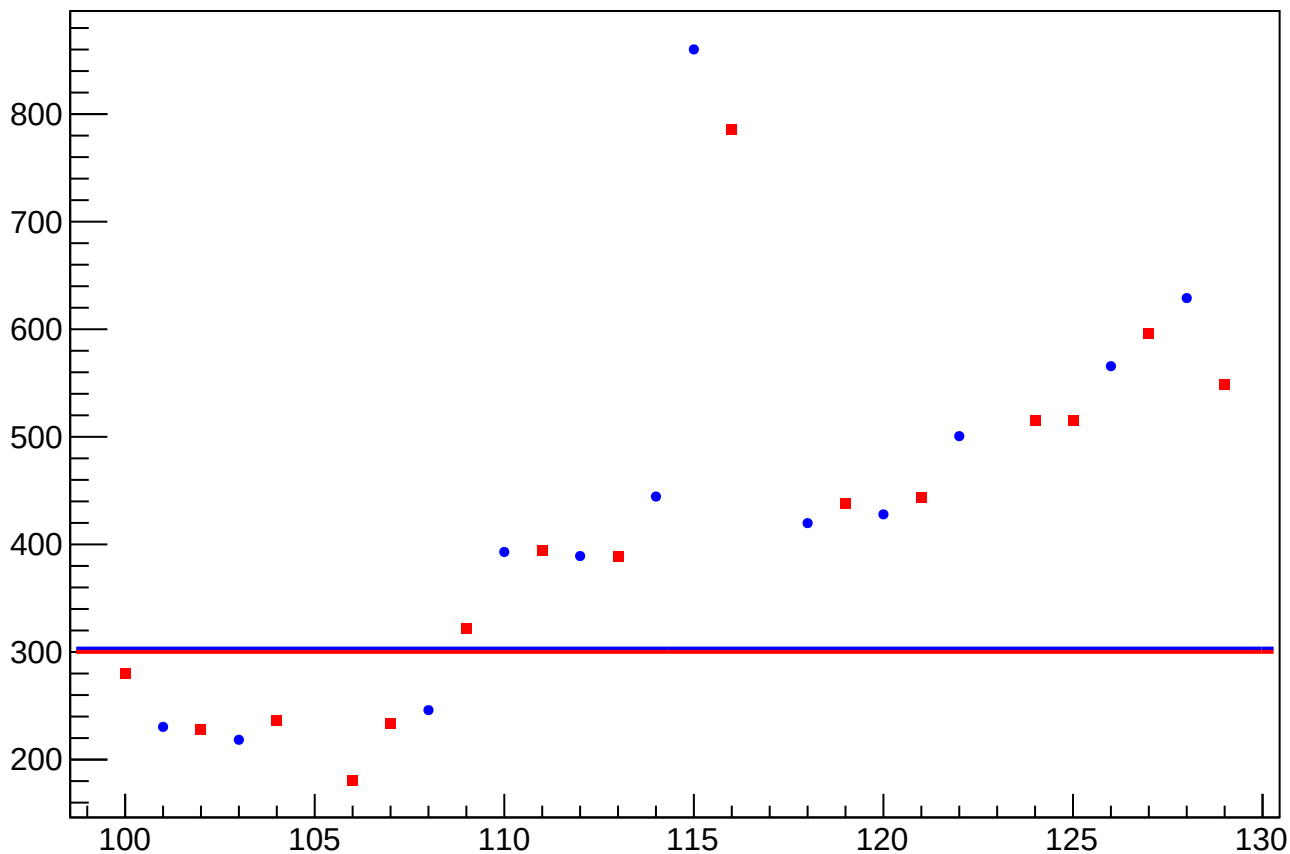
Right: -155.033+/-98.591 χ^2 /NDF: 19.3/26

In: -141.293+/-145.791 χ^2 /NDF:6.3/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -155.033+/-98.591 χ^2 /NDF: 19.3/26

asym_sam_37_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 303.177+/-0.103 χ^2/NDF : 1288492.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

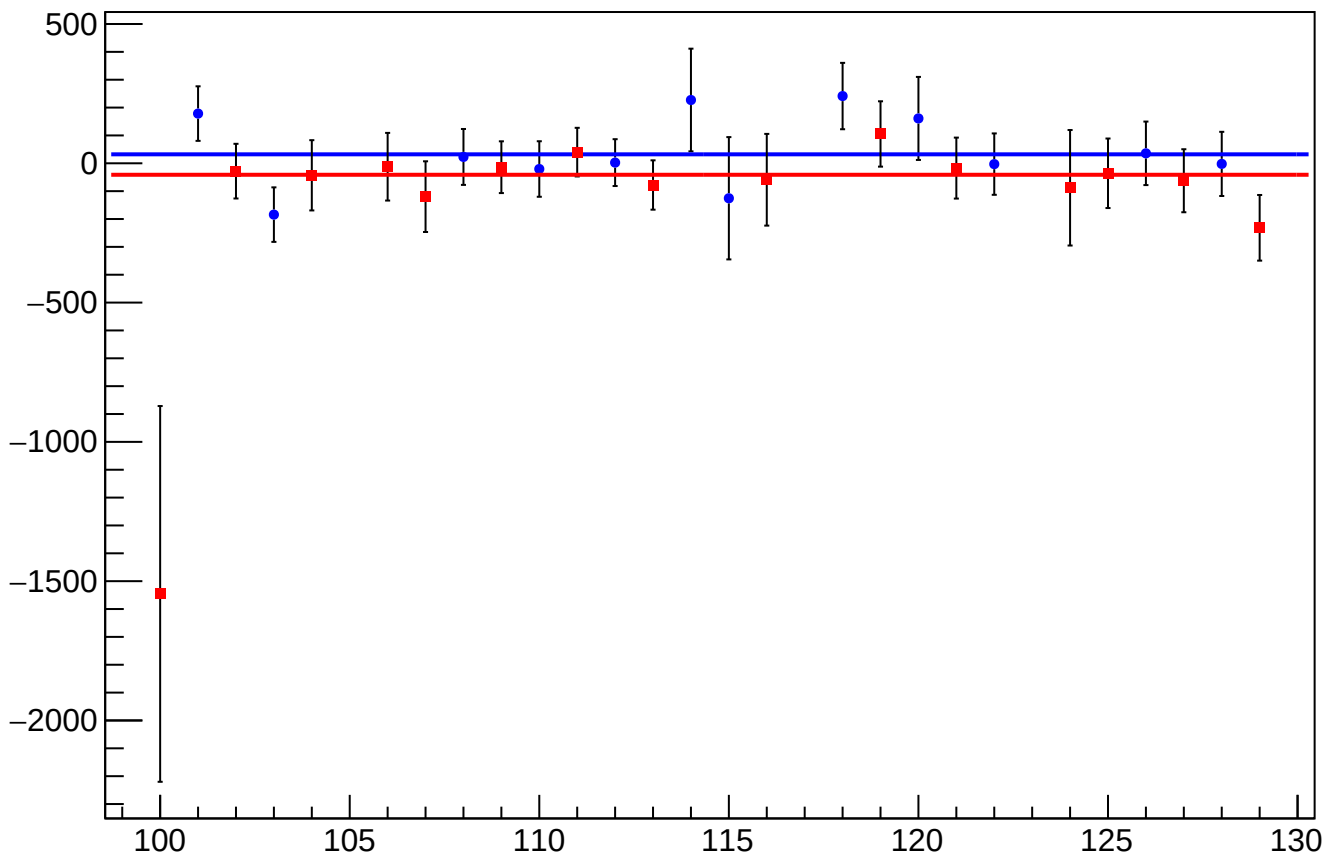
Right: 301.538+/-0.070 χ^2/NDF : 2821153.8/26

In: 303.177+/-0.103 χ^2/NDF : 1288492.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 301.538+/-0.070 χ^2/NDF : 2821153.8/26

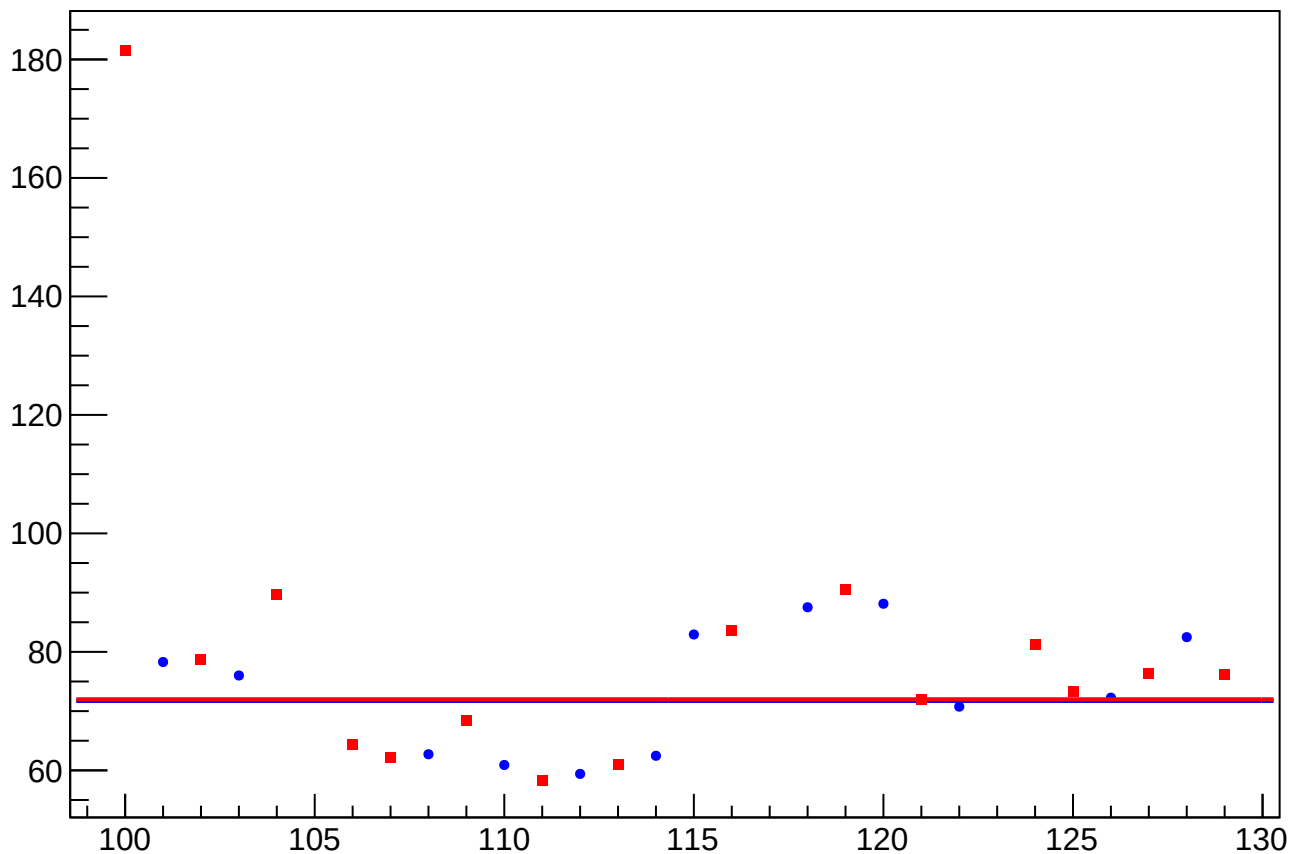
dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 32.199+/-32.433 χ^2/NDF : 13.2/11
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -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: -7.243+/-22.060 χ^2/NDF : 26.8/26
 In: 32.199+/-32.433 χ^2/NDF : 13.2/11
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -7.243+/-22.060 χ^2/NDF : 26.8/26

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 71.715+/-0.023 χ^2/NDF : 182830.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

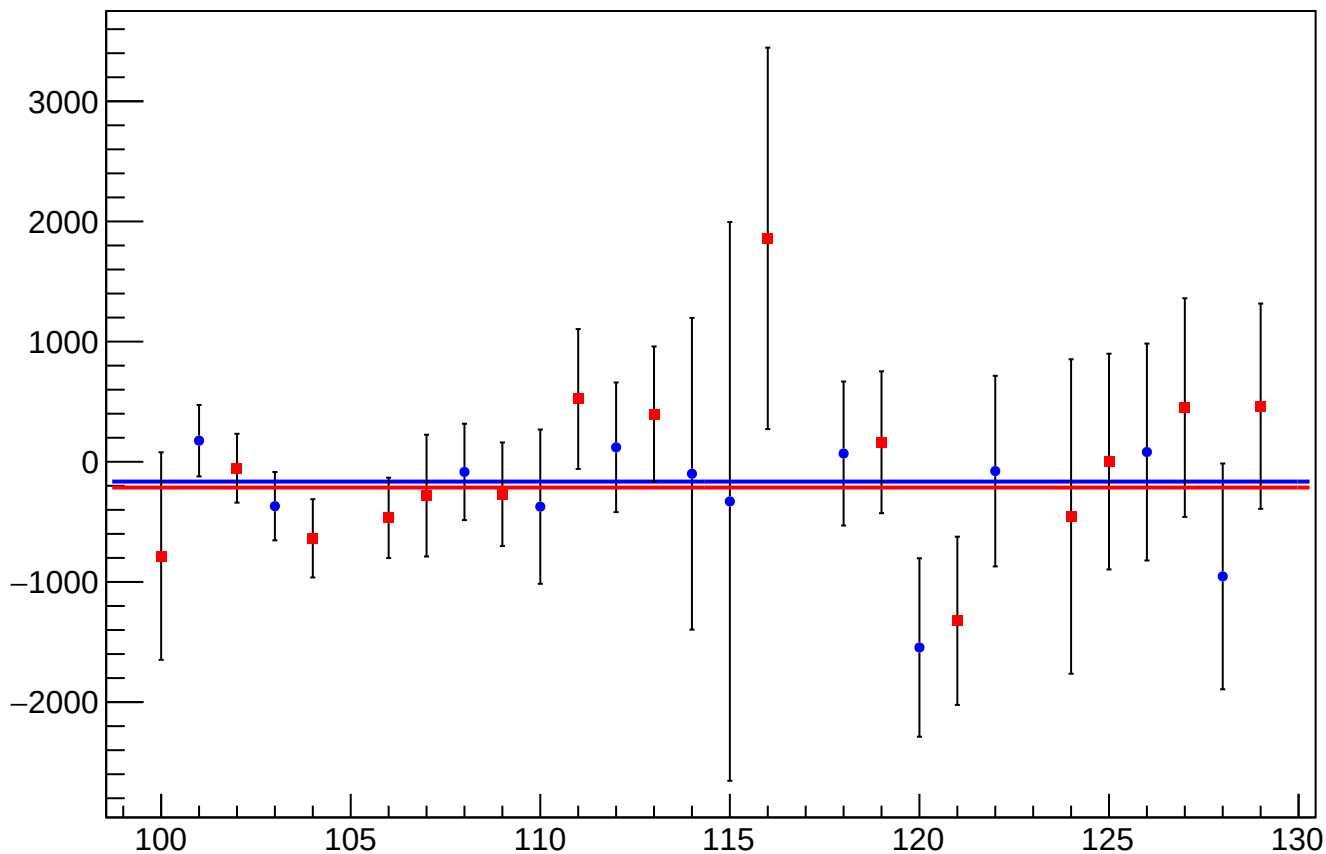
Right: 71.870+/-0.016 χ^2/NDF : 457200.4/26

In: 71.715+/-0.023 χ^2/NDF : 182830.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.870+/-0.016 χ^2/NDF : 457200.4/26

asym_sam_37_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -164.744+/-148.898 χ^2/NDF : 6.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

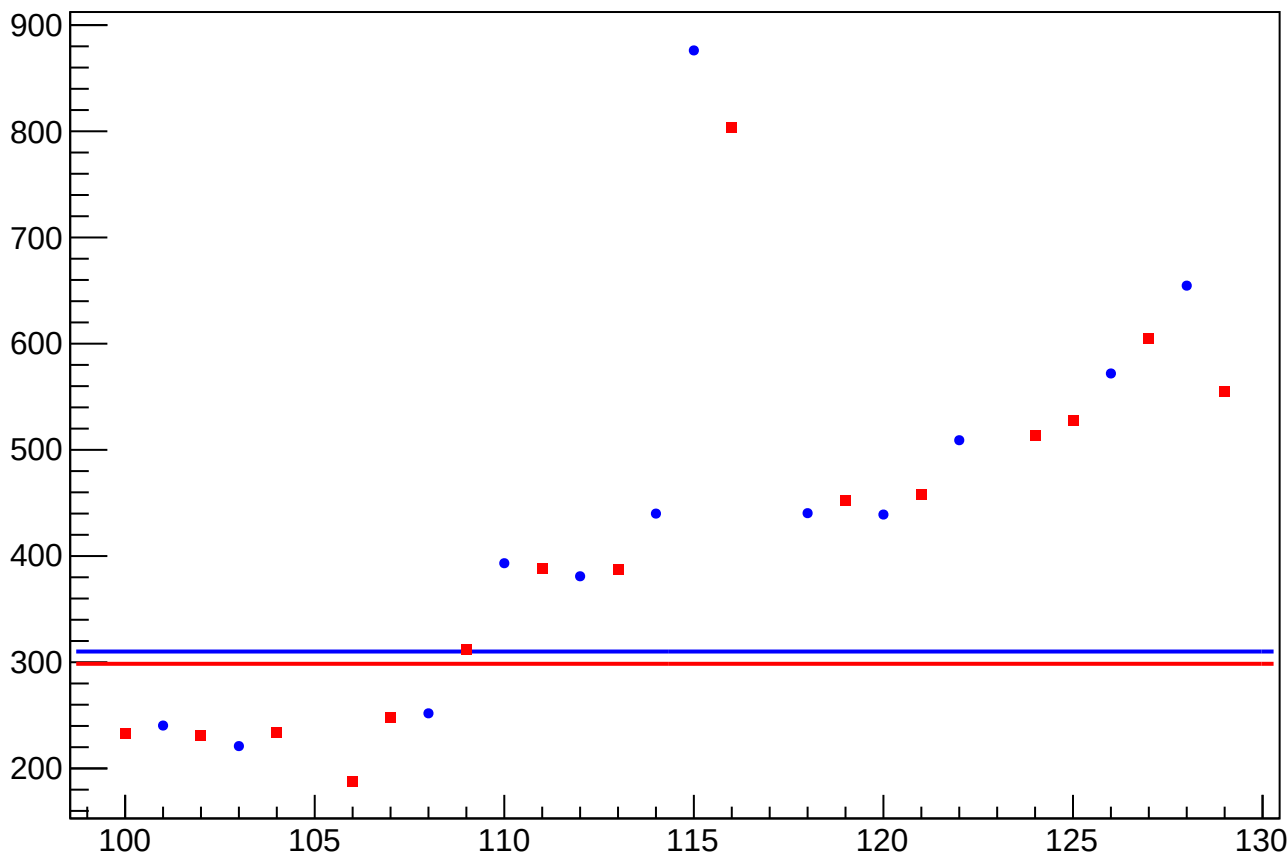
Right: -192.459+/-98.964 χ^2/NDF : 18.4/26

In: -164.744+/-148.898 χ^2/NDF :6.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -192.459+/-98.964 χ^2/NDF : 18.4/26

asym_sam_37_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 310.089+/-0.105 χ^2/NDF : 1273351.4/11

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

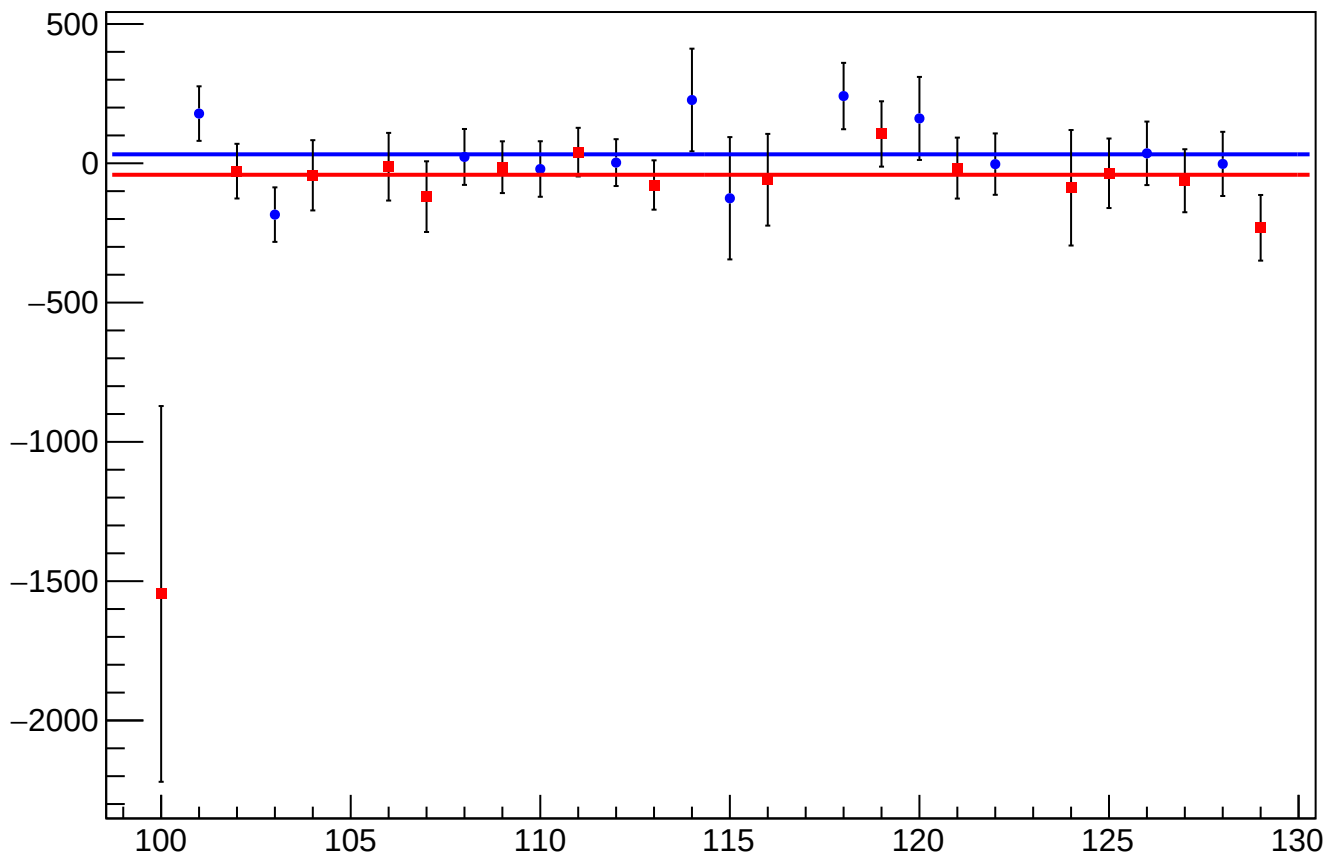
Right: 303.634+/-0.070 χ^2/NDF : 2855567.1/26

In: 310.089+/-0.105 χ^2/NDF : 1273351.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 303.634+/-0.070 χ^2/NDF : 2855567.1/26

eigen_dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 32.200+/-32.433 χ^2/NDF : 13.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

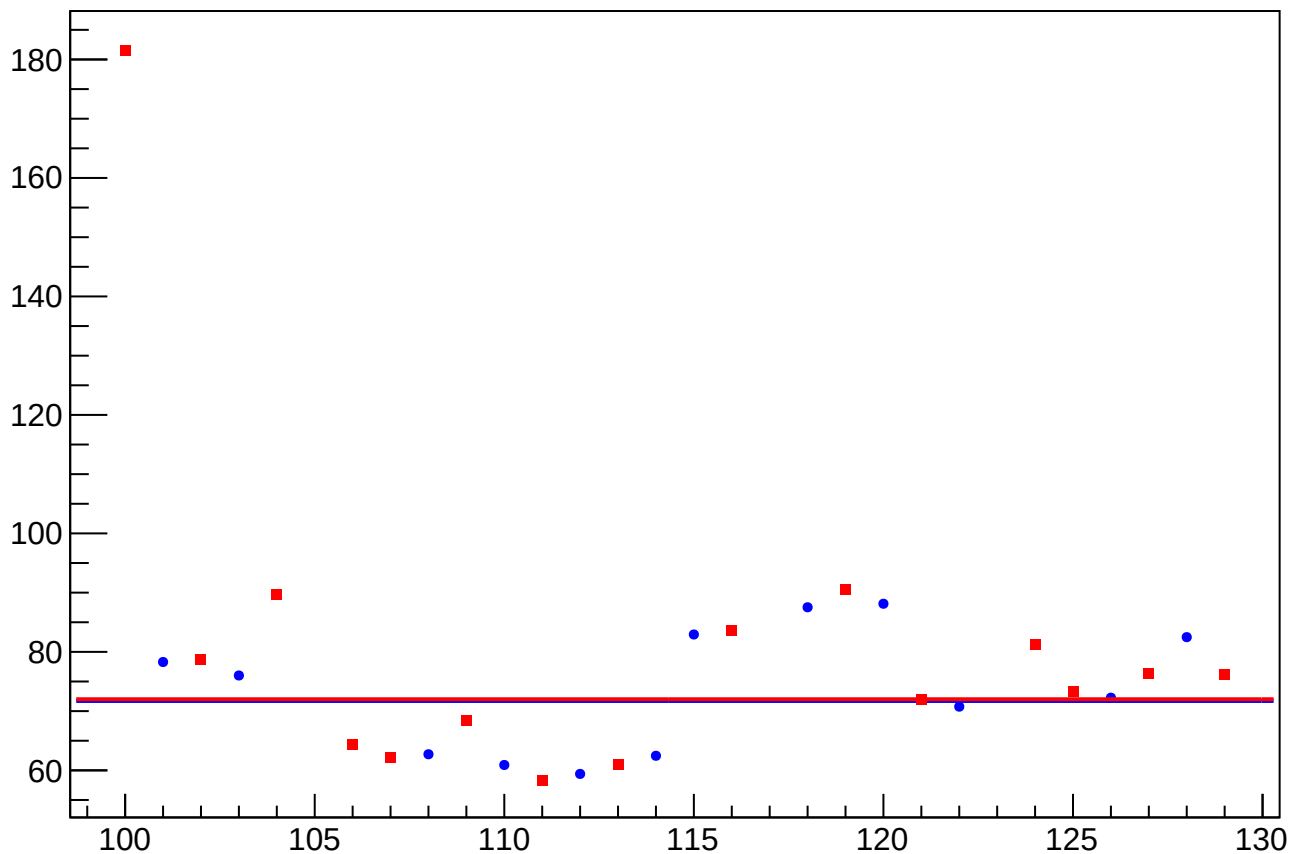
Right: -7.243+/-22.060 χ^2/NDF : 26.8/26

In: 32.200+/-32.433 χ^2/NDF : 13.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.243+/-22.060 χ^2/NDF : 26.8/26

eigen_dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 71.715+/-0.023 χ^2/NDF : 182829.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

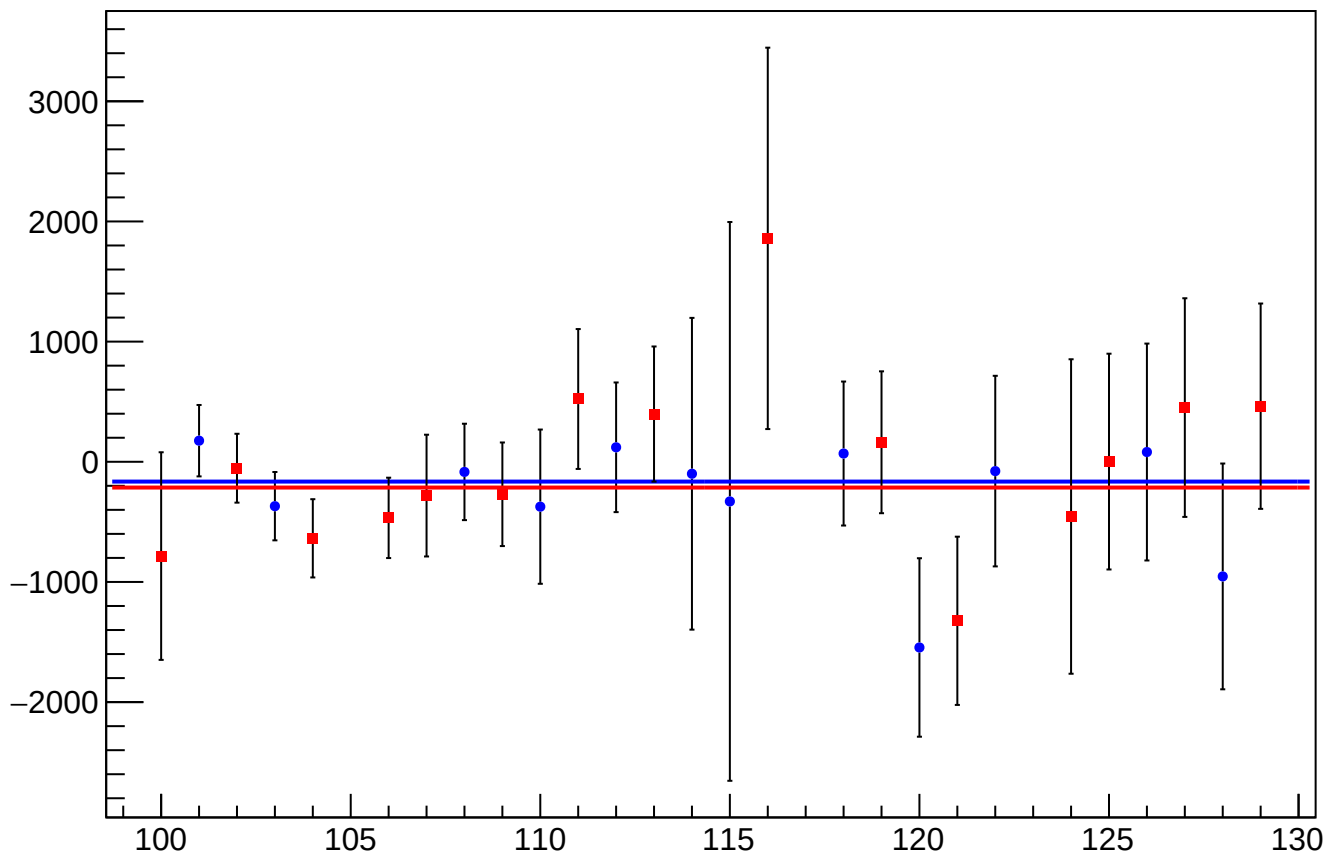
Right: 71.870+/-0.016 χ^2/NDF : 457204.0/26

In: 71.715+/-0.023 χ^2/NDF : 182829.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.870+/-0.016 χ^2/NDF : 457204.0/26

asym_sam_37_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -164.744+/-148.898 χ^2/NDF : 6.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

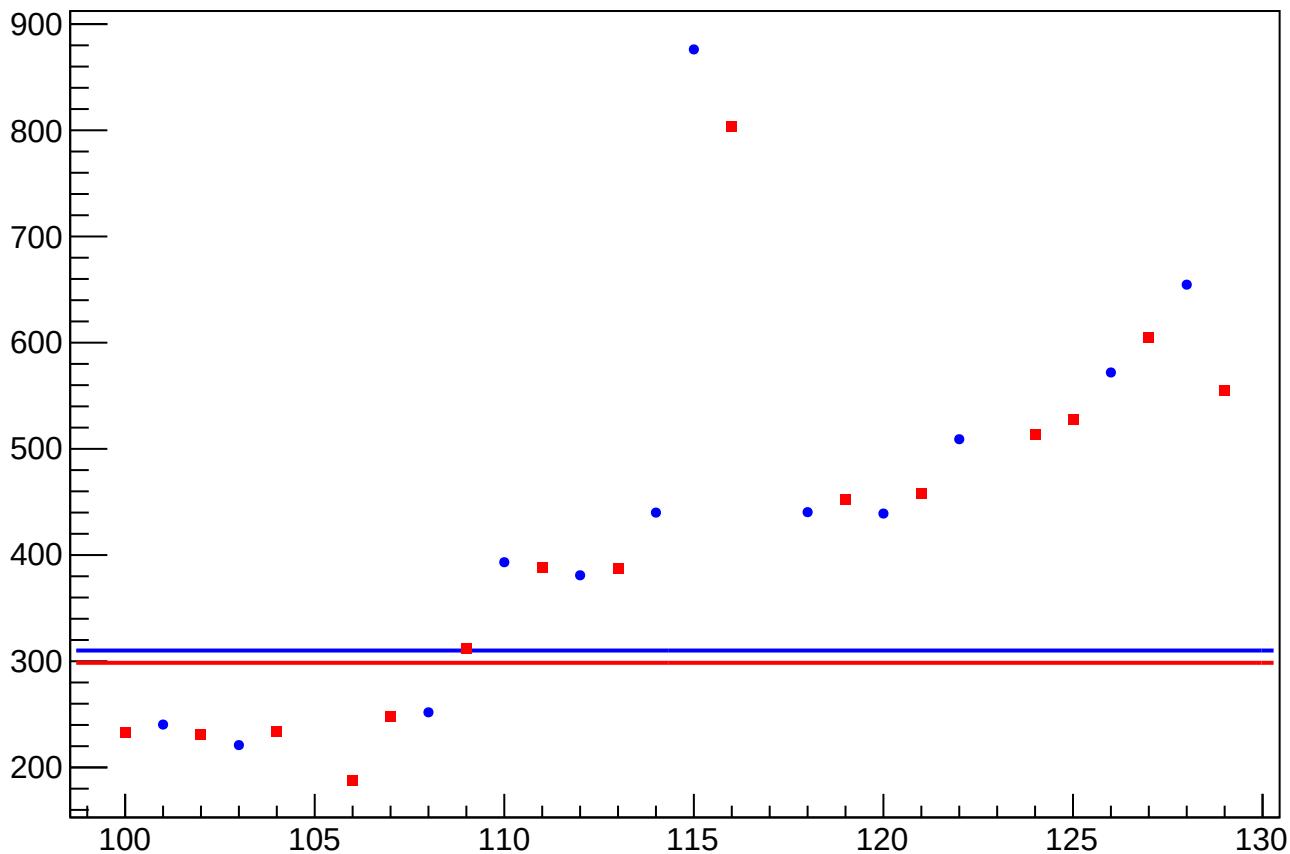
Right: -192.460+/-98.964 χ^2/NDF : 18.4/26

In: -164.744+/-148.898 χ^2/NDF : 6.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -192.460+/-98.964 χ^2/NDF : 18.4/26

asym_sam_37_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 310.089+/-0.105 χ^2/NDF : 1273350.6/11

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

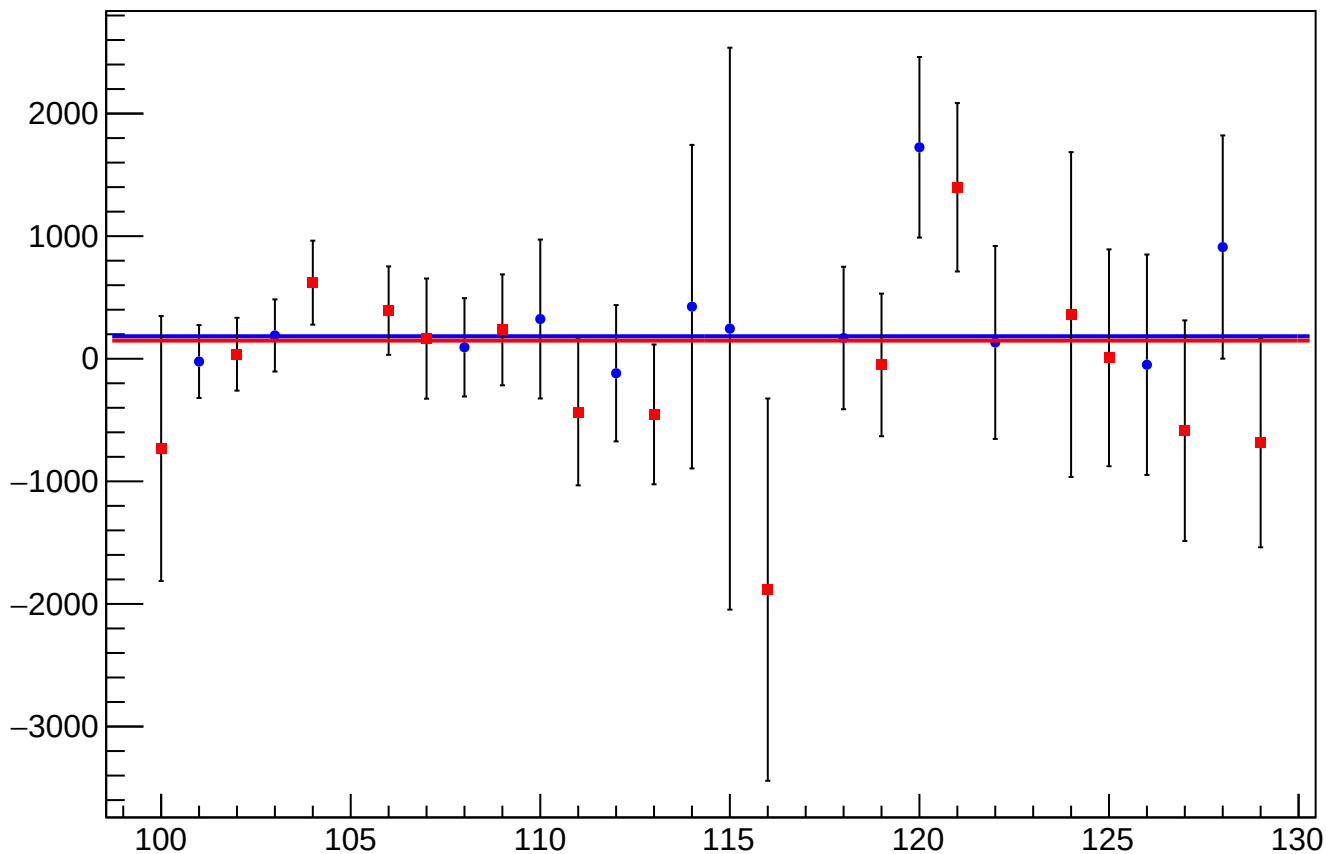
Right: 303.634+/-0.070 χ^2/NDF : 2855565.8/26

In: 310.089+/-0.105 χ^2/NDF : 1273350.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 303.634+/-0.070 χ^2/NDF : 2855565.8/26

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 183.472 $\pm$ 150.181 χ^2 /NDF: 6.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 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

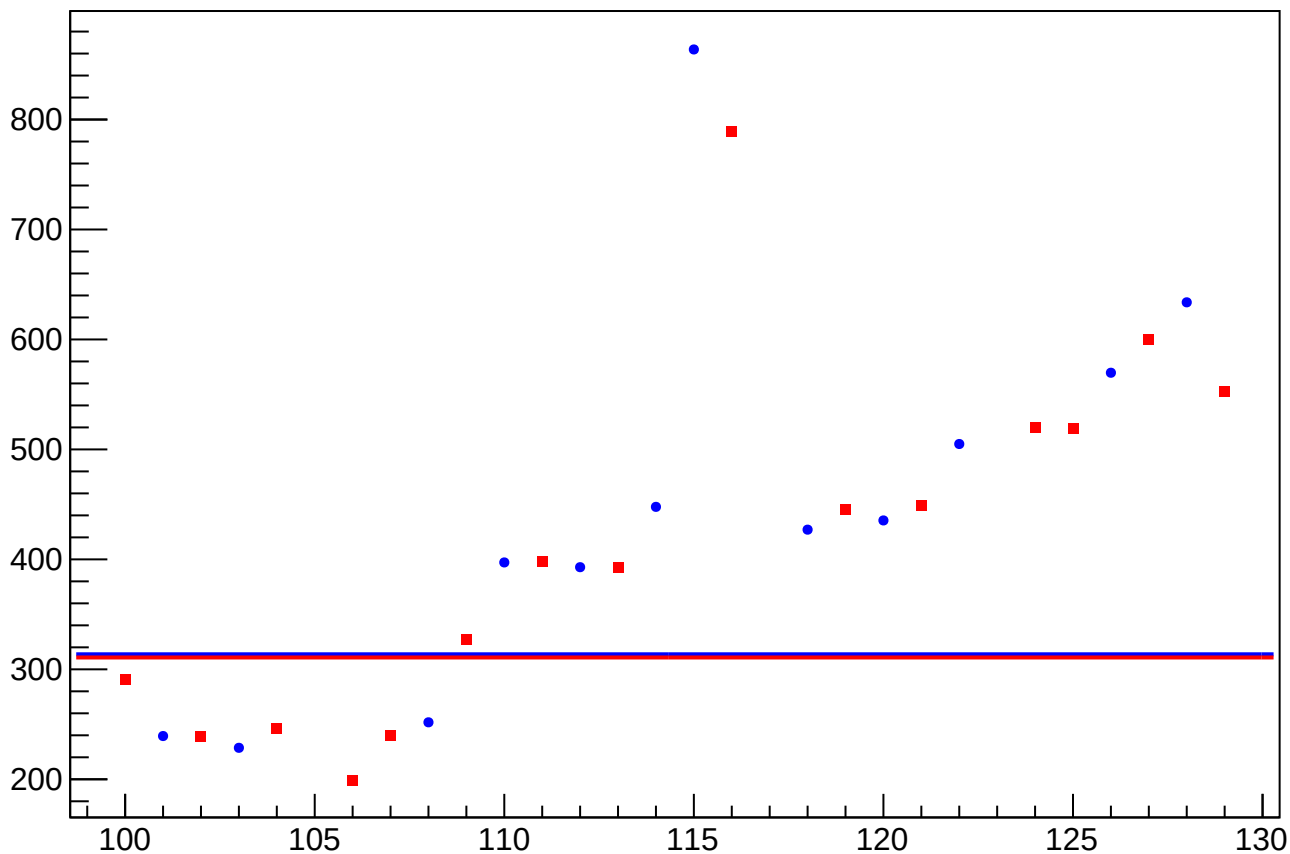
Right: 164.218 $\pm$ 101.212 χ^2 /NDF: 18.1/26

In: 183.472 $\pm$ 150.181 χ^2 /NDF:6.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 164.218 $\pm$ 101.212 χ^2 /NDF: 18.1/26

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 313.678+/-0.106 χ^2/NDF : 1207786.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

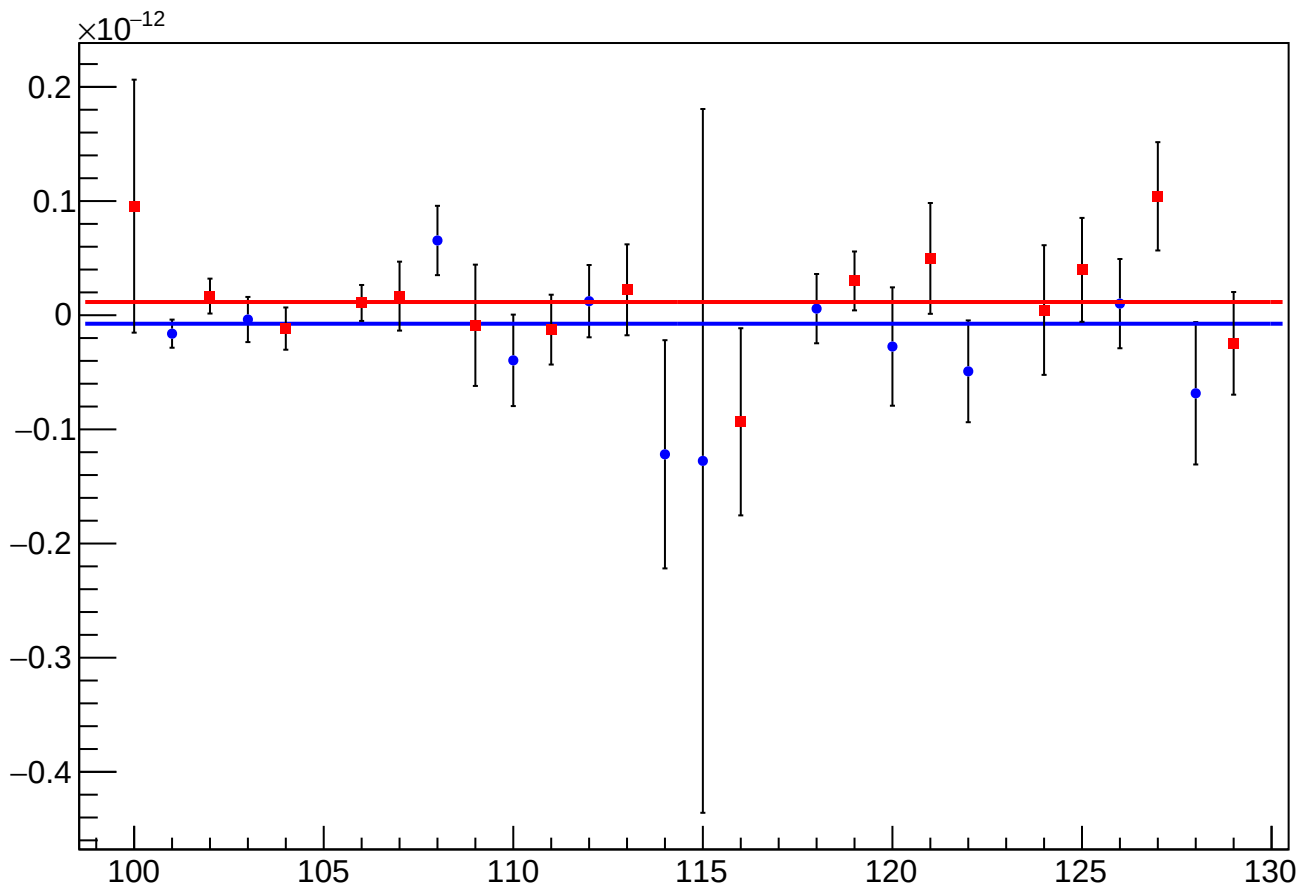
Right: 312.092+/-0.072 χ^2/NDF : 2622528.7/26

In: 313.678+/-0.106 χ^2/NDF : 1207786.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 312.092+/-0.072 χ^2/NDF : 2622528.7/26

asym_sam_37_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.2/11

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

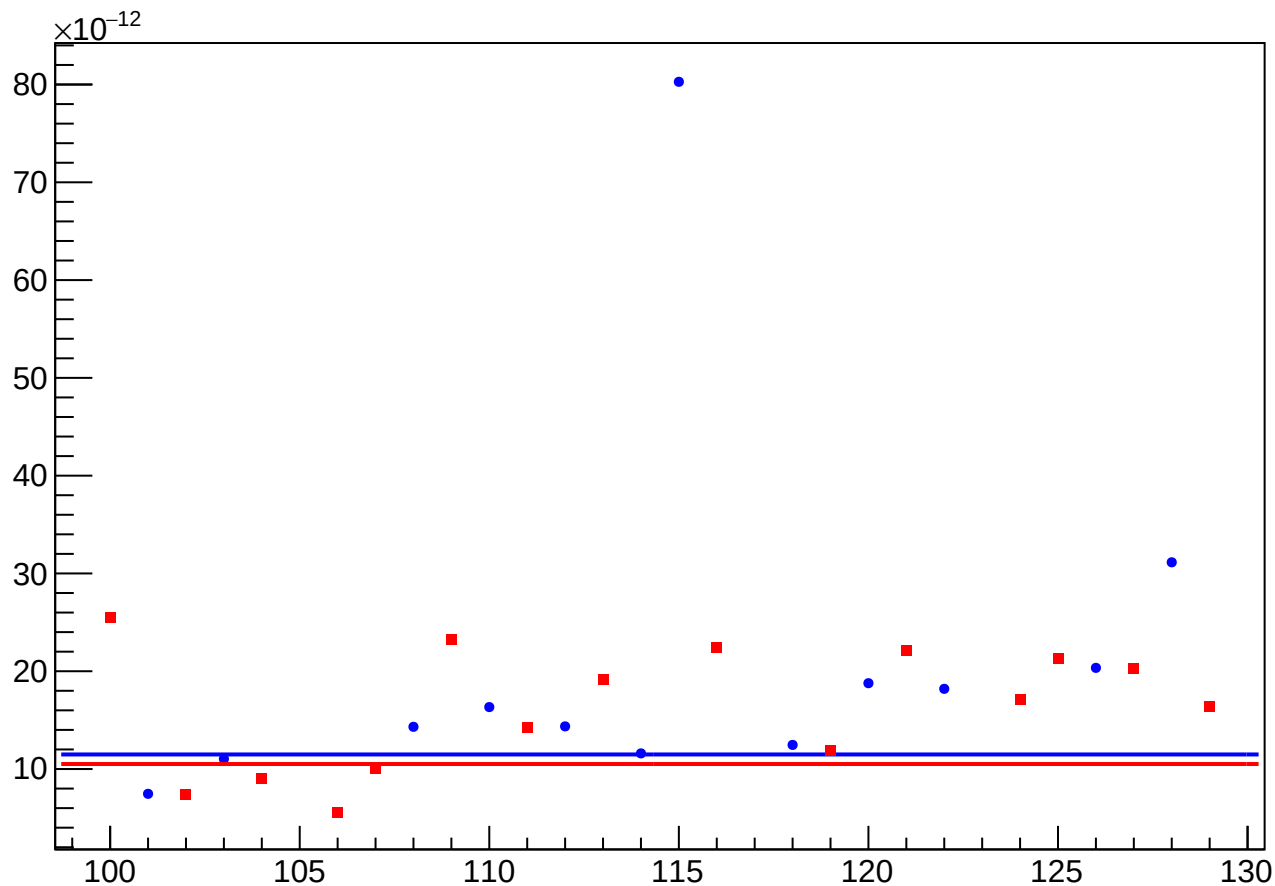
Right: 0.000+/-0.000 χ^2/NDF : 24.9/26

In: -0.000+/-0.000 χ^2/NDF : 11.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.9/26

asym_sam_37_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 765307.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

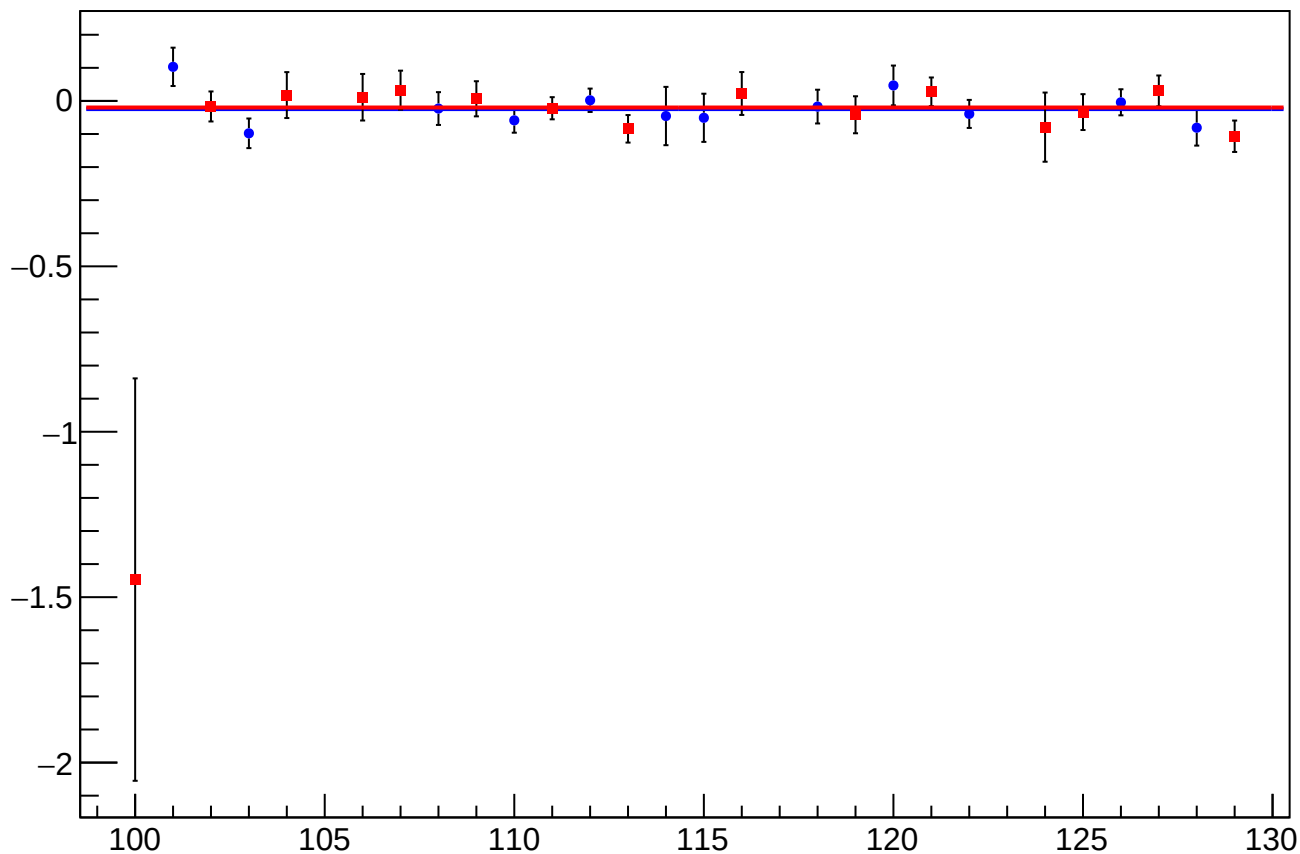
Right: 0.000+/-0.000 χ^2/NDF : 1774543.7/26

In: 0.000+/-0.000 χ^2/NDF : 765307.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1774543.7/26

asym_sam_37_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025+/-0.014 χ^2/NDF : 12.0/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.020+/-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

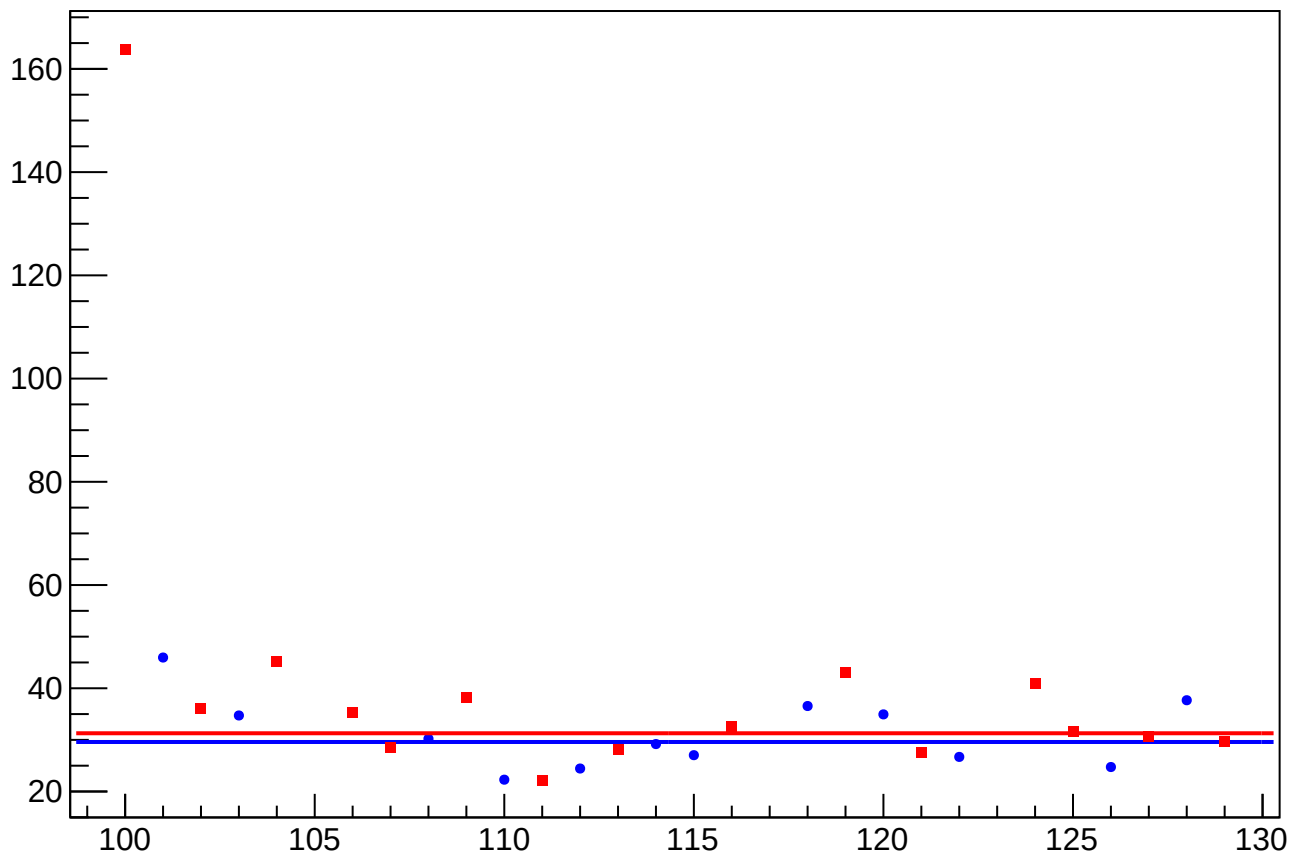
Right: -0.022+/-0.010 χ^2/NDF : 28.2/26

In: -0.025+/-0.014 χ^2/NDF :12.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.022+/-0.010 χ^2/NDF : 28.2/26

asym_sam_37_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.592+/-0.010 χ^2/NDF : 444815.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.283+/-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

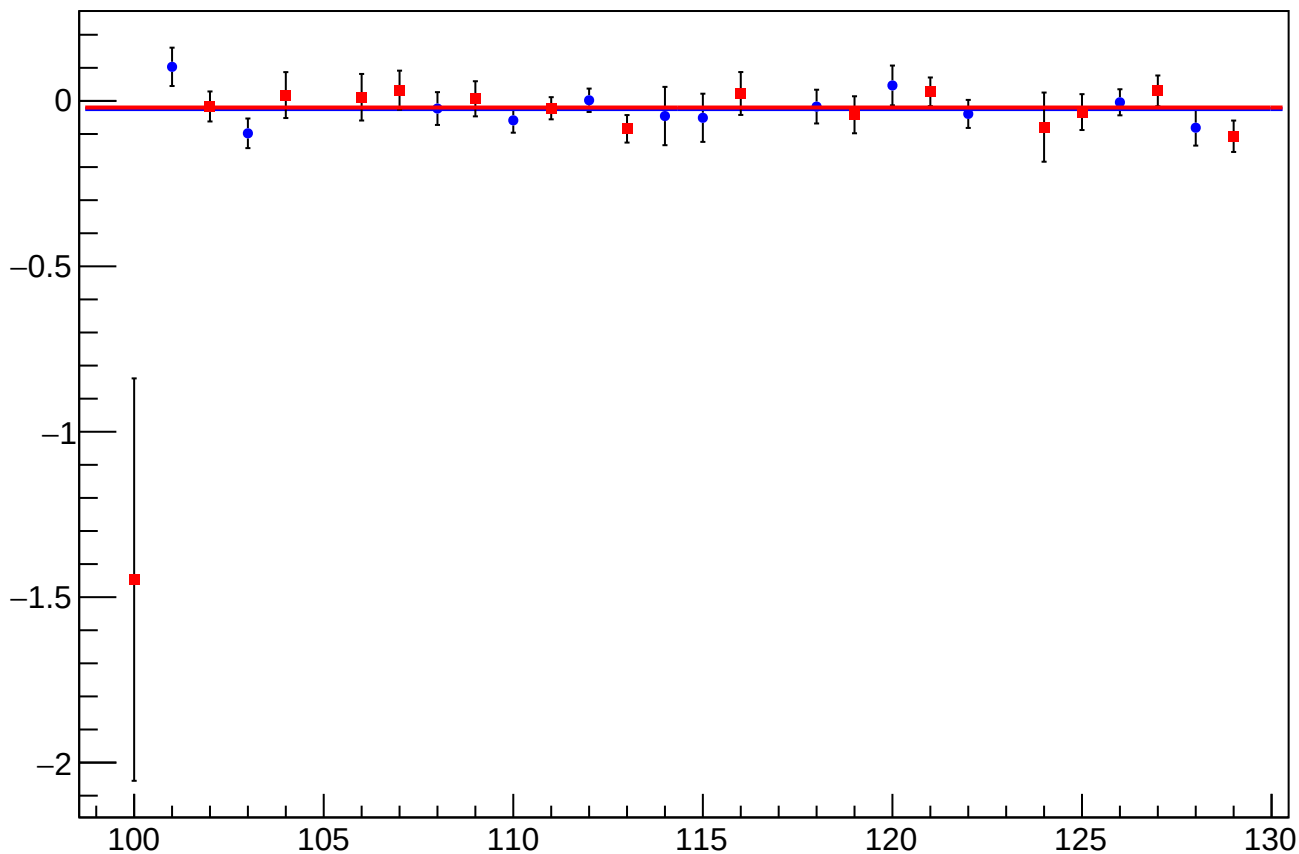
Right: 30.453+/-0.007 χ^2/NDF : 987362.2/26

In: 29.592+/-0.010 χ^2/NDF : 444815.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.453+/-0.007 χ^2/NDF : 987362.2/26

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025+/-0.014 χ^2 /NDF: 12.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.020+/-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

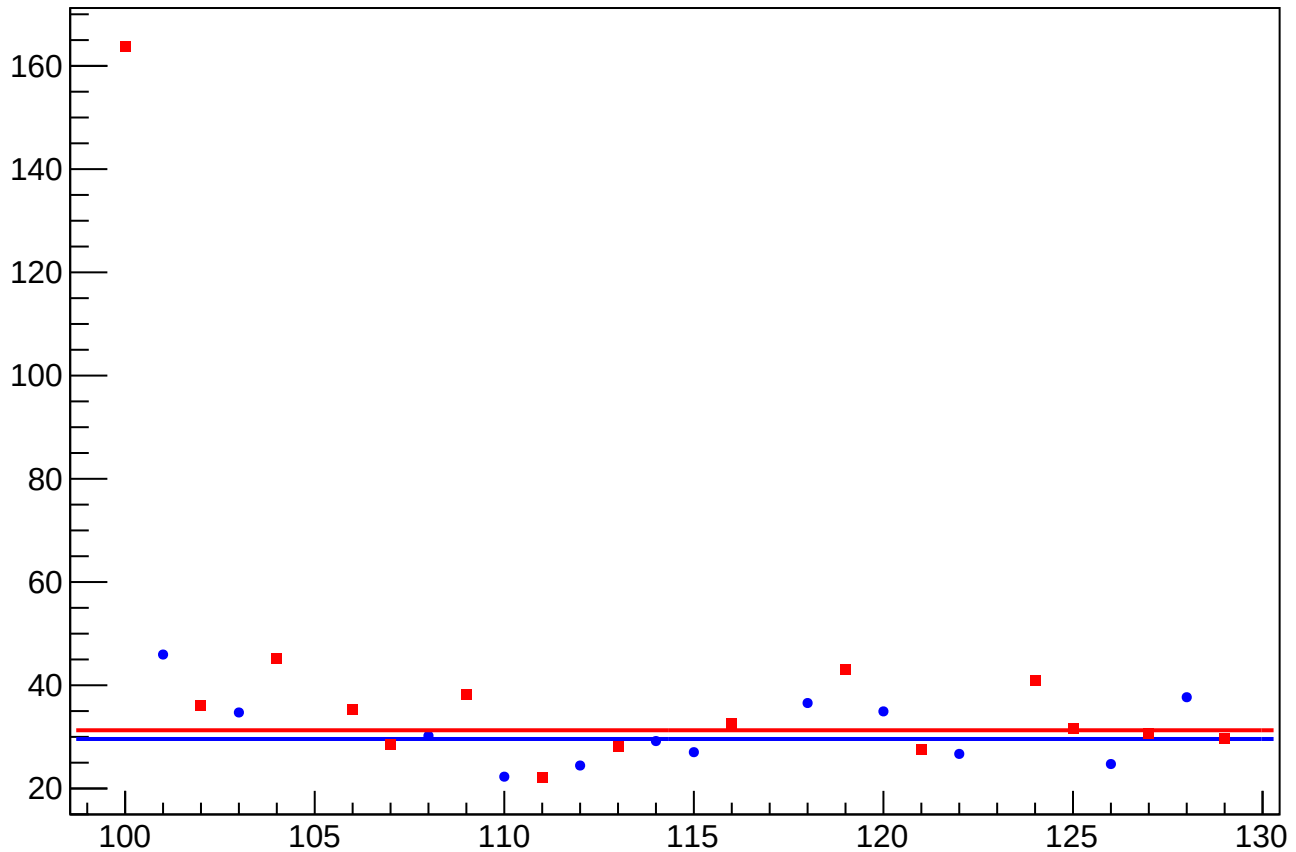
Right: -0.022+/-0.010 χ^2 /NDF: 28.2/26

In: -0.025+/-0.014 χ^2 /NDF:12.0/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.022+/-0.010 χ^2 /NDF: 28.2/26

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.592+/-0.010 χ^2/NDF : 444815.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.283+/-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

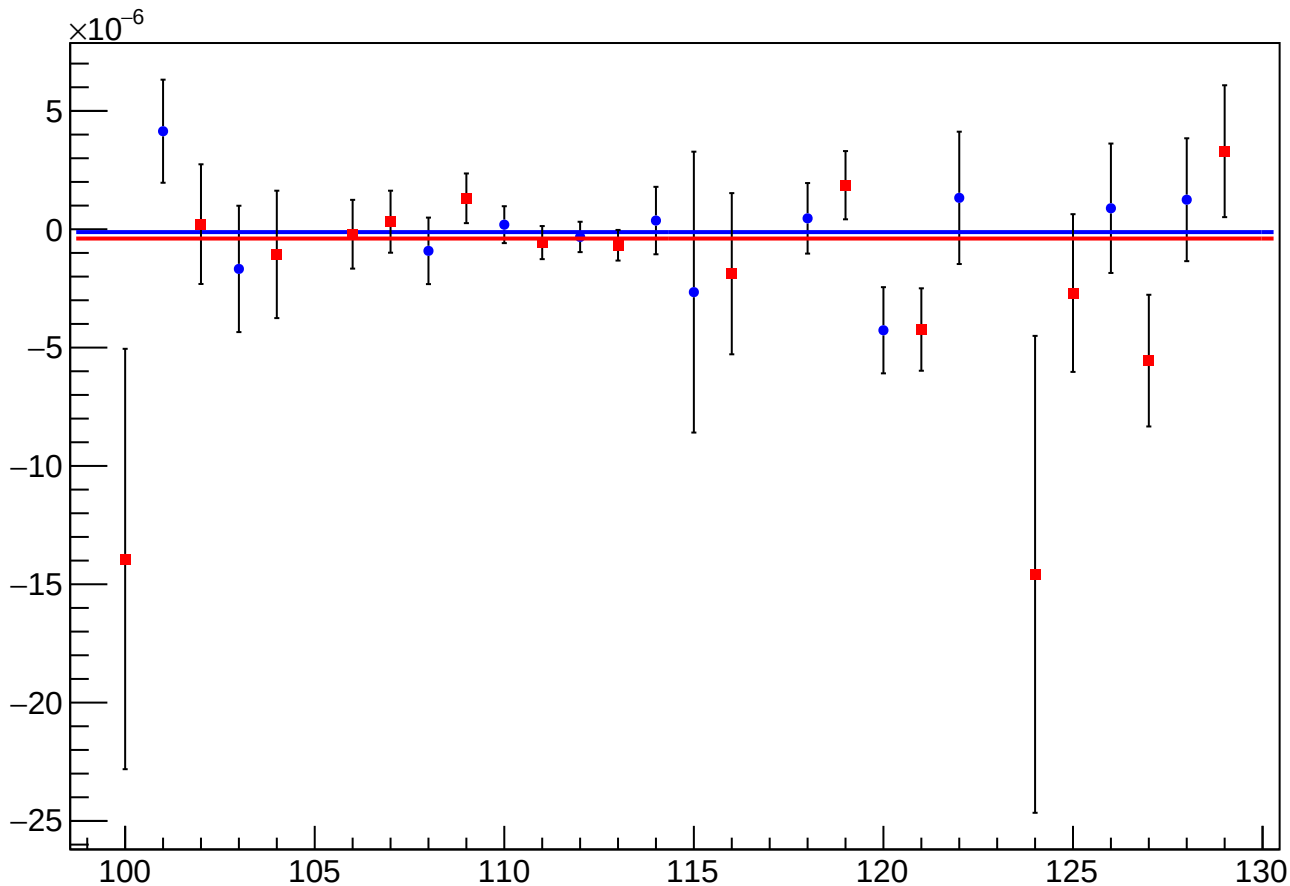
Right: 30.453+/-0.007 χ^2/NDF : 987362.2/26

In: 29.592+/-0.010 χ^2/NDF : 444815.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.453+/-0.007 χ^2/NDF : 987362.2/26

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 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

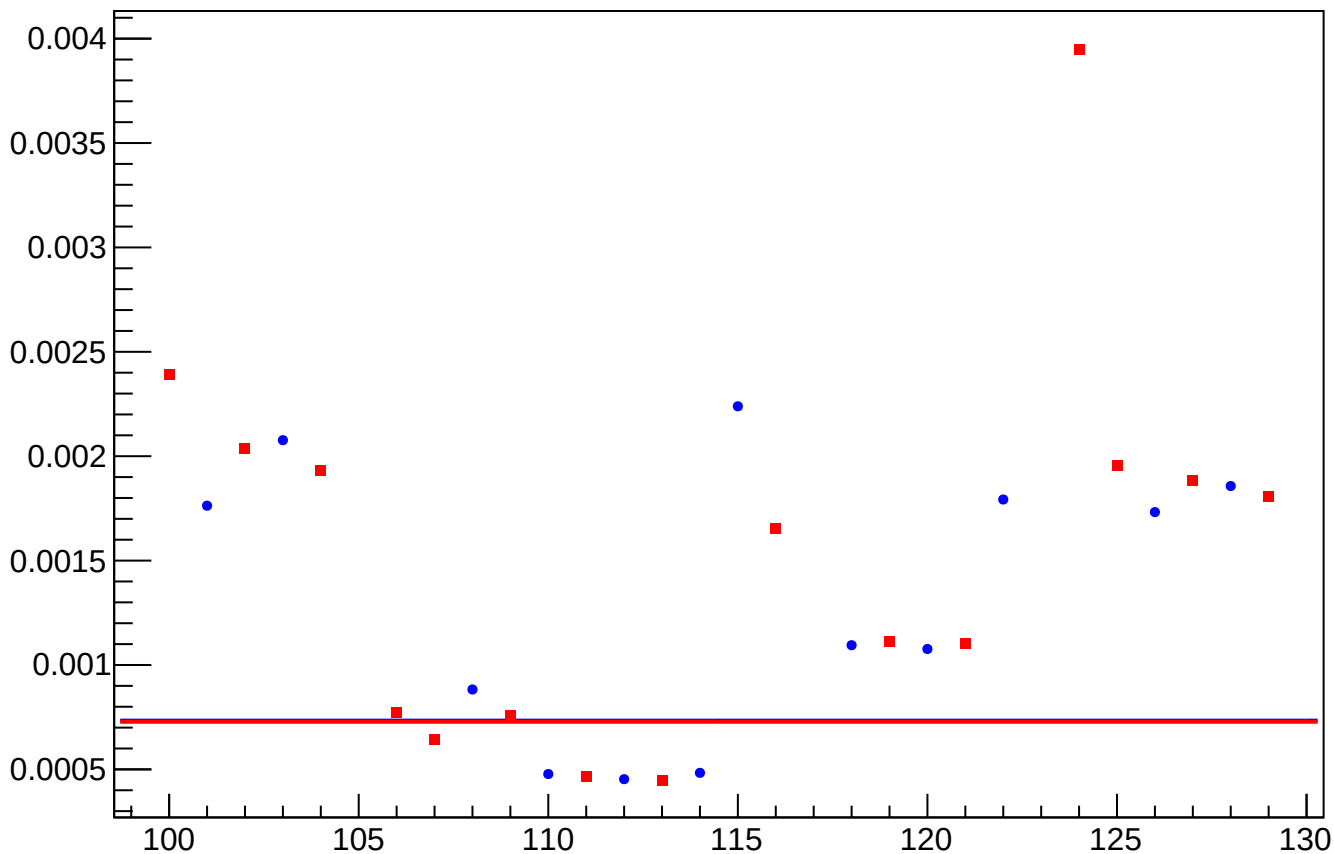
Right: -0.000+/-0.000 χ^2/NDF : 32.1/26

In: -0.000+/-0.000 χ^2/NDF : 11.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.1/26

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2881319.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 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

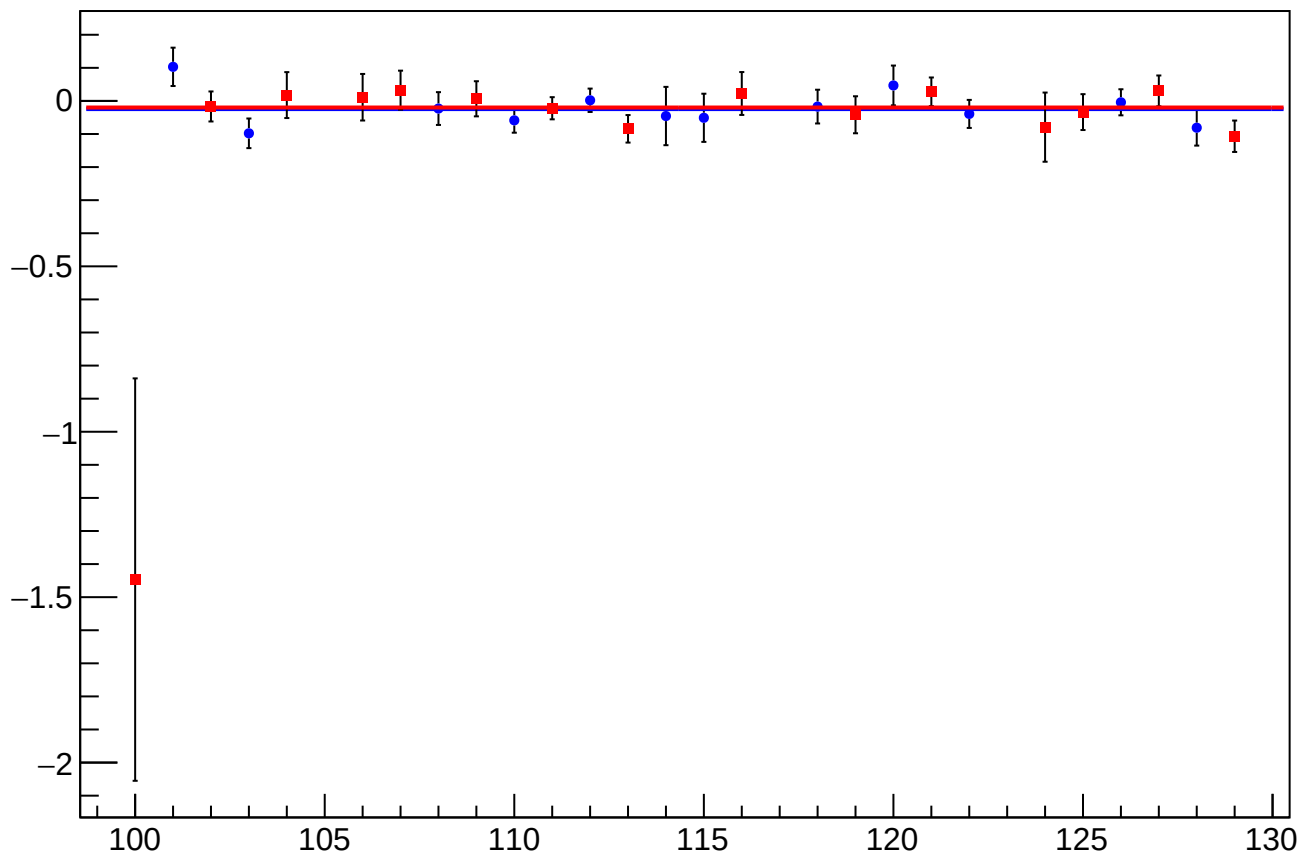
Right: 0.001+/-0.000 χ^2/NDF : 6062940.5/26

In: 0.001+/-0.000 χ^2/NDF : 2881319.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6062940.5/26

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025 ± 0.014 χ^2/NDF : 12.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.020 ± 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

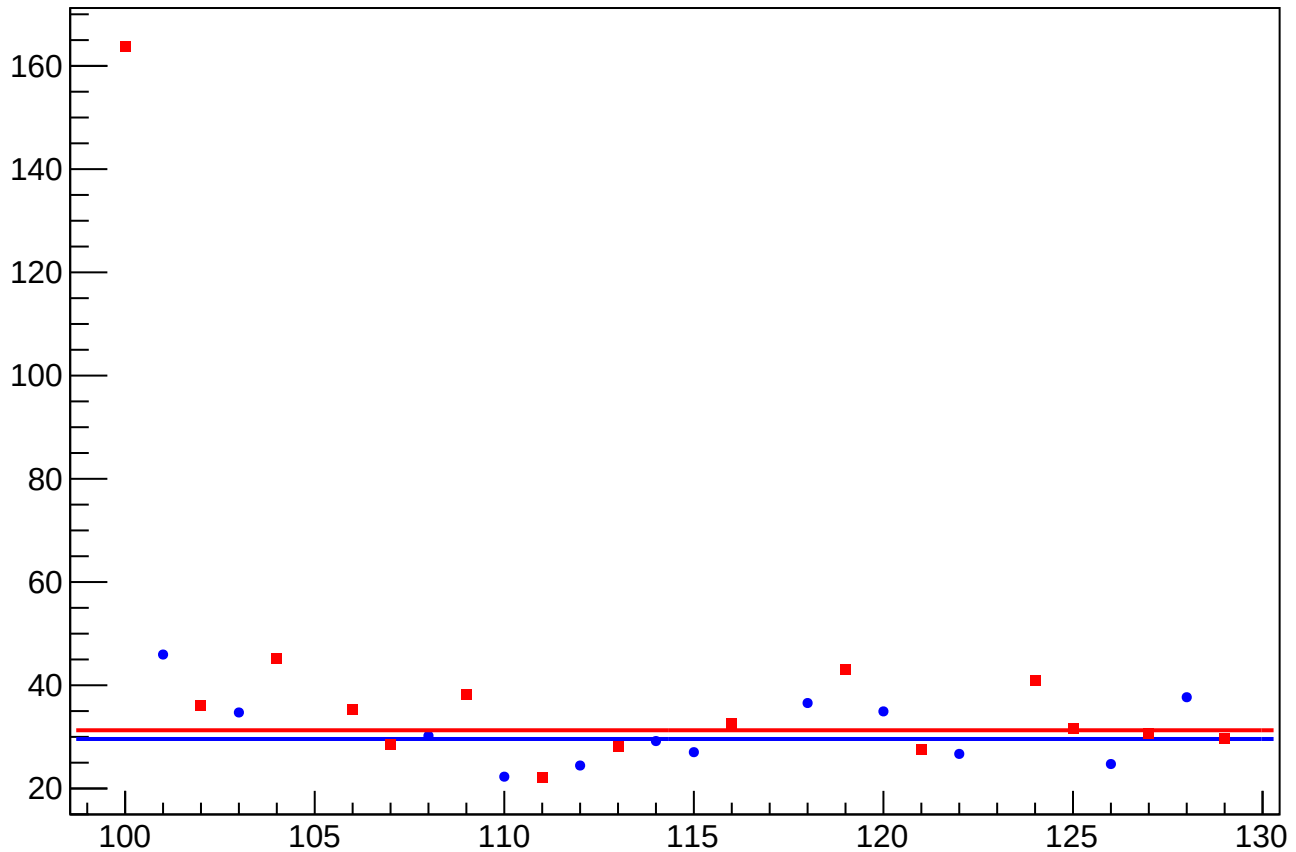
Right: -0.022 ± 0.010 χ^2/NDF : 28.2/26

In: -0.025 ± 0.014 χ^2/NDF : 12.0/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.022 ± 0.010 χ^2/NDF : 28.2/26

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.593+/-0.010 χ^2/NDF : 444794.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.283+/-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

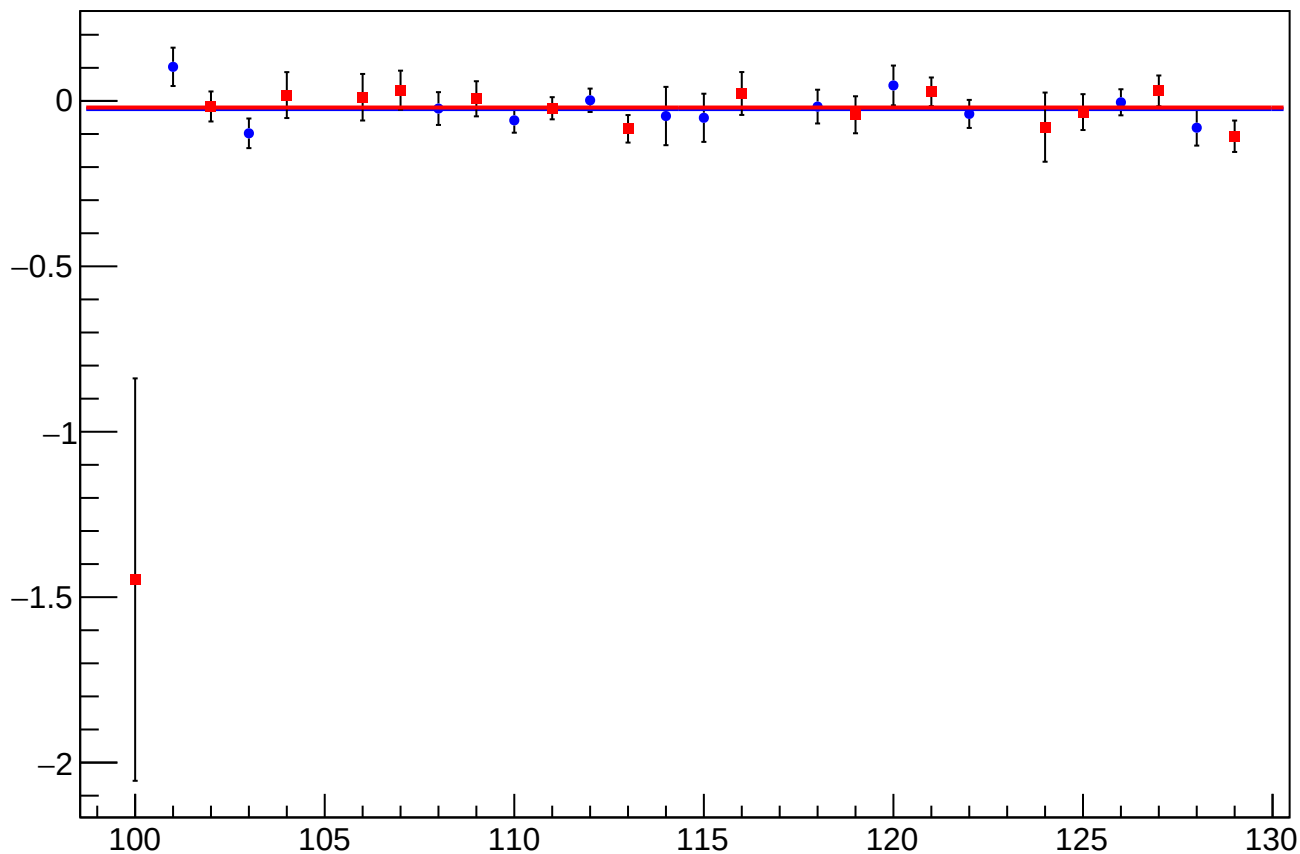
Right: 30.454+/-0.007 χ^2/NDF : 987346.3/26

In: 29.593+/-0.010 χ^2/NDF : 444794.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.454+/-0.007 χ^2/NDF : 987346.3/26

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025 ± 0.014 χ^2/NDF : 12.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.020 ± 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

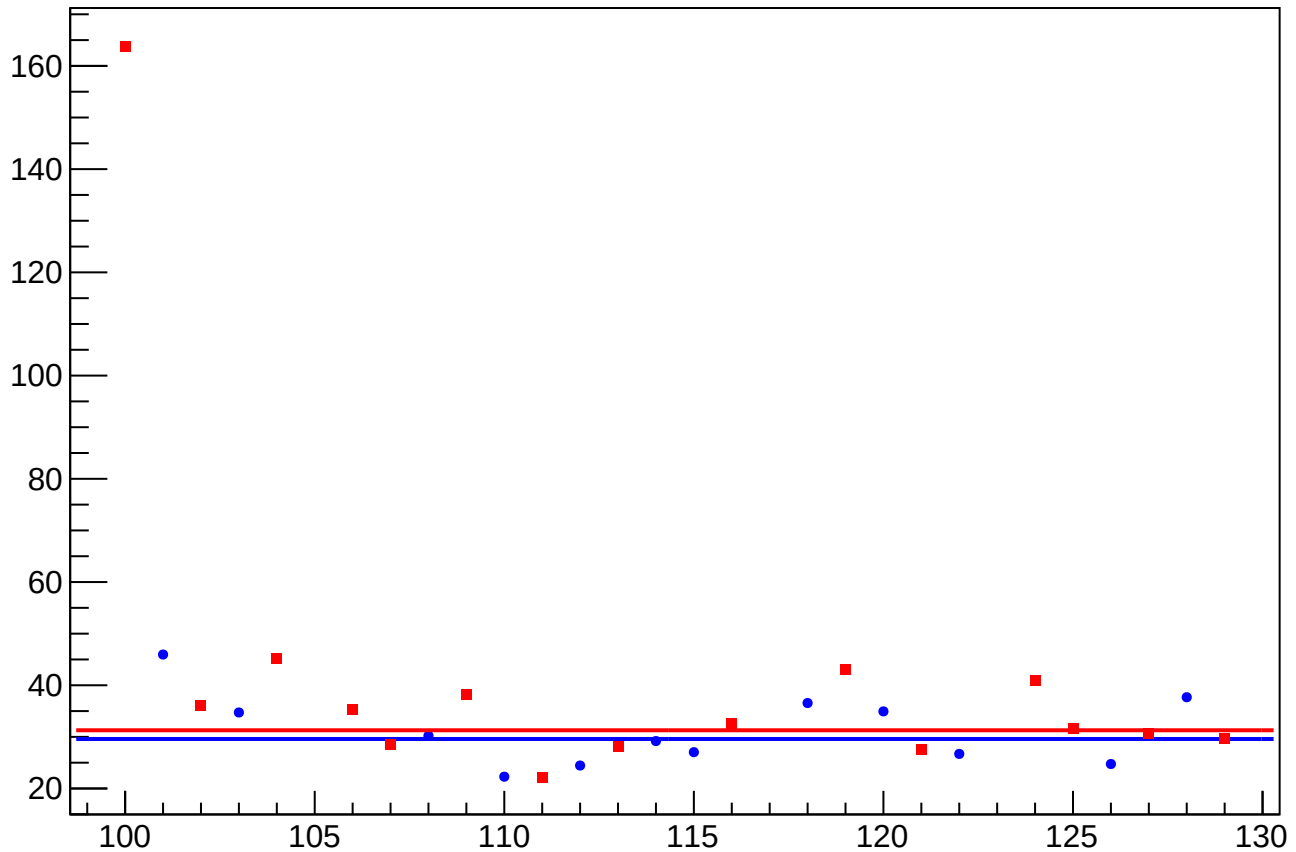
Right: -0.022 ± 0.010 χ^2/NDF : 28.2/26

In: -0.025 ± 0.014 χ^2/NDF : 12.0/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.022 ± 0.010 χ^2/NDF : 28.2/26

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.593+/-0.010 χ^2/NDF : 444794.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.283+/-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

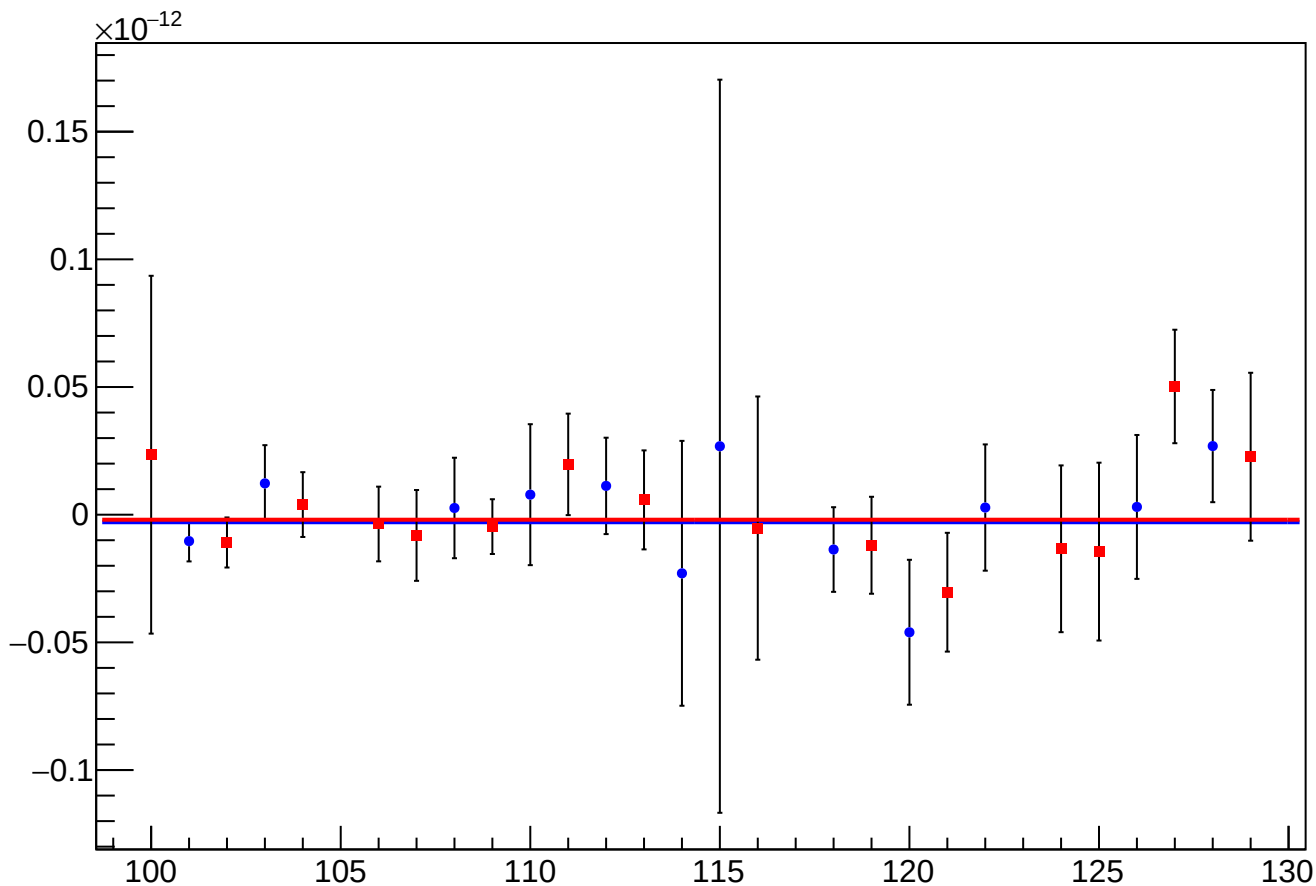
Right: 30.454+/-0.007 χ^2/NDF : 987346.3/26

In: 29.593+/-0.010 χ^2/NDF : 444794.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.454+/-0.007 χ^2/NDF : 987346.3/26

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

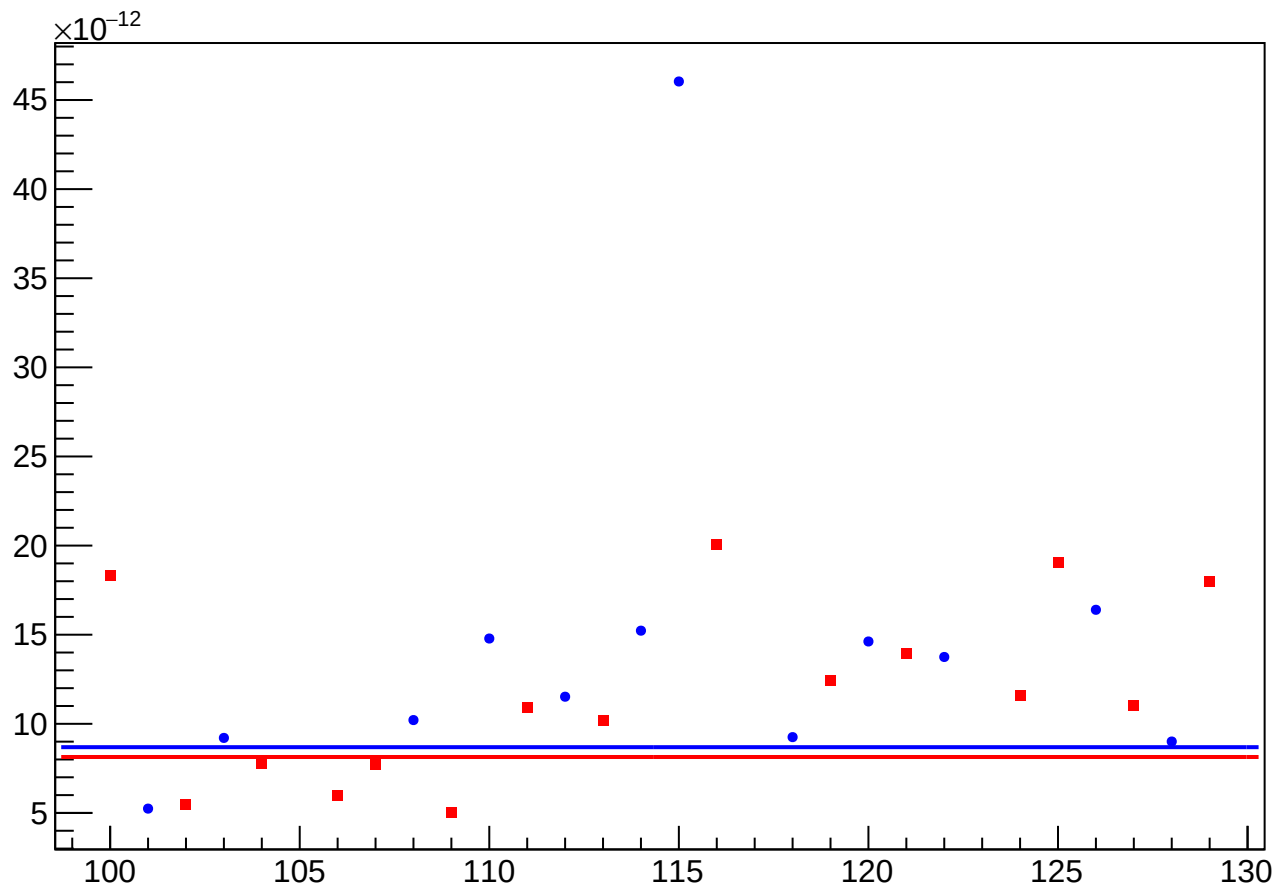
Right: -0.000+/-0.000 χ^2/NDF : 18.4/26

In: -0.000+/-0.000 χ^2/NDF : 7.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.4/26

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1023337.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

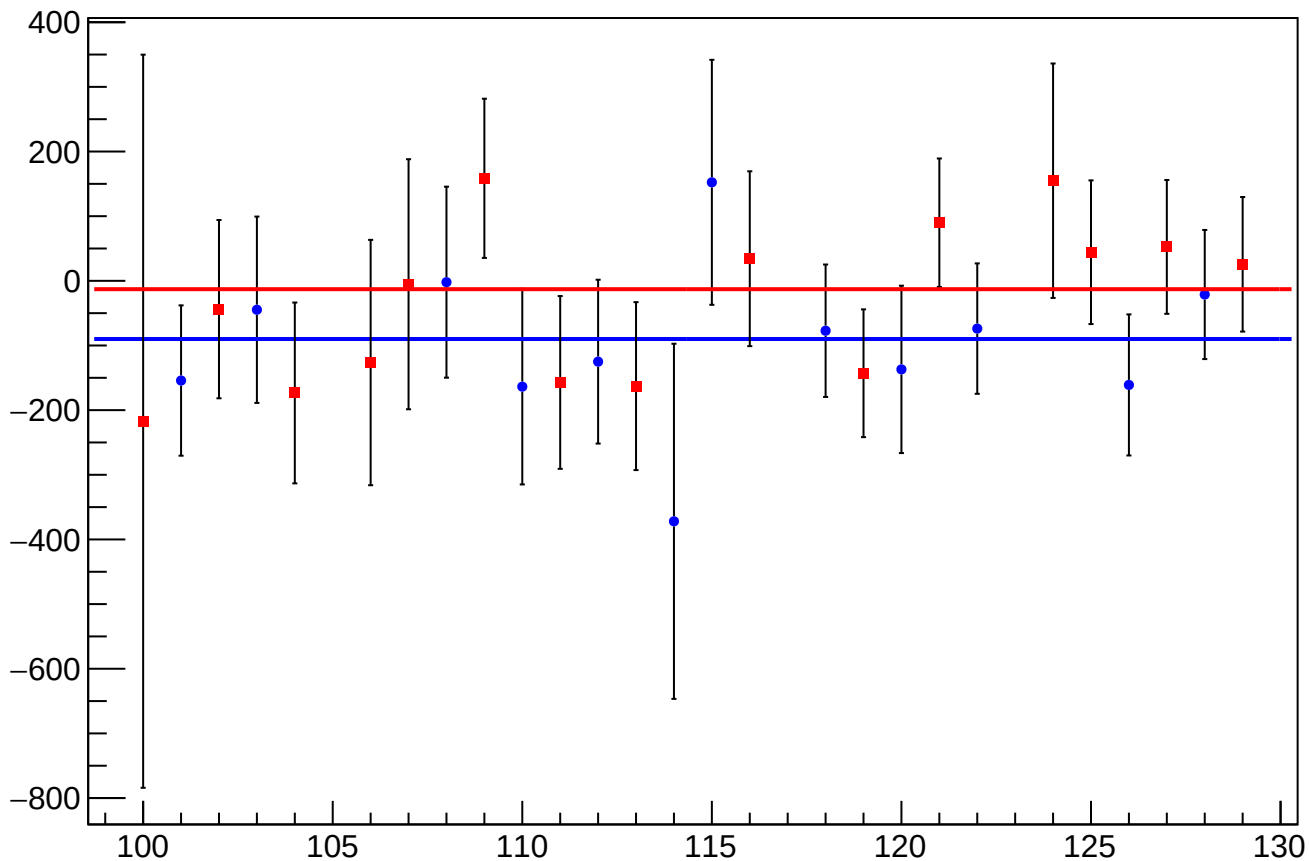
Right: 0.000+/-0.000 χ^2/NDF : 2269244.0/26

In: 0.000+/-0.000 χ^2/NDF : 1023337.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2269244.0/26

reg_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -89.974 $\pm$ 36.449 χ^2 /NDF: 4.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -12.902 $\pm$ 33.368 χ^2 /NDF: 10.9/14

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

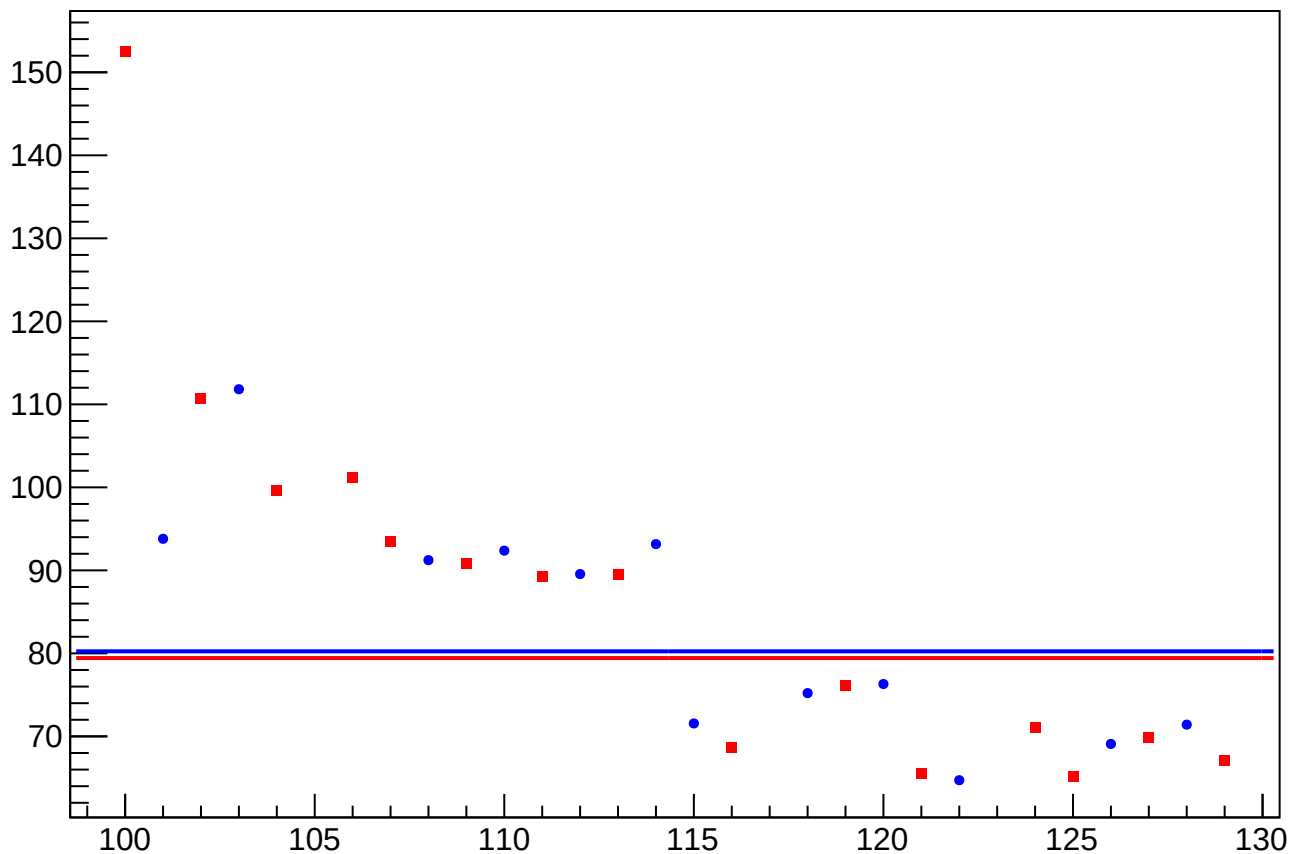
Right: -48.043 $\pm$ 24.612 χ^2 /NDF: 18.1/26

In: -89.974 $\pm$ 36.449 χ^2 /NDF:4.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -48.043 $\pm$ 24.612 χ^2 /NDF: 18.1/26

reg_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 80.249+/-0.026 χ^2/NDF : 257170.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

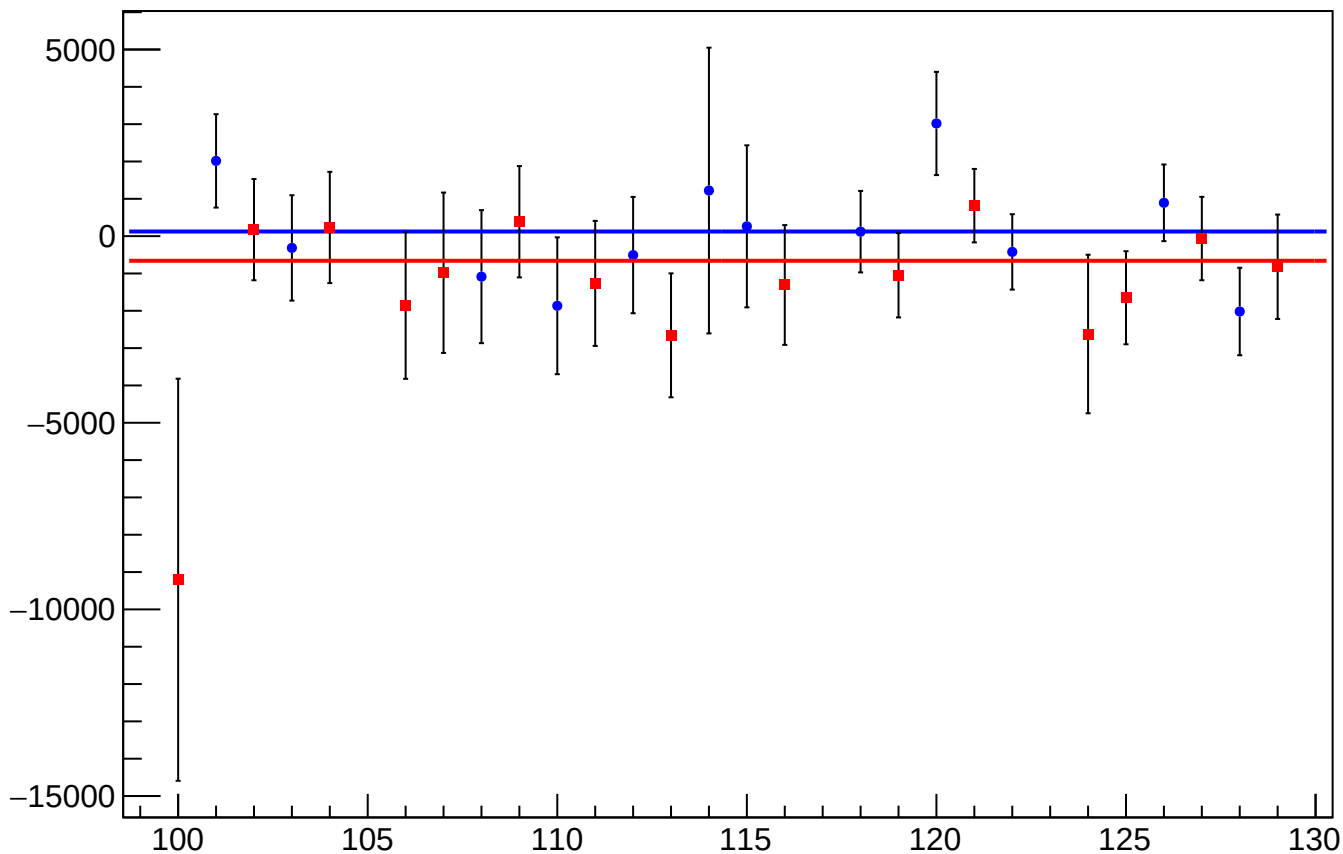
Right: 79.806+/-0.017 χ^2/NDF : 648733.6/26

In: 80.249+/-0.026 χ^2/NDF : 257170.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.806+/-0.017 χ^2/NDF : 648733.6/26

asym_sam_15_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 124.561+/-393.366 χ^2/NDF : 12.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

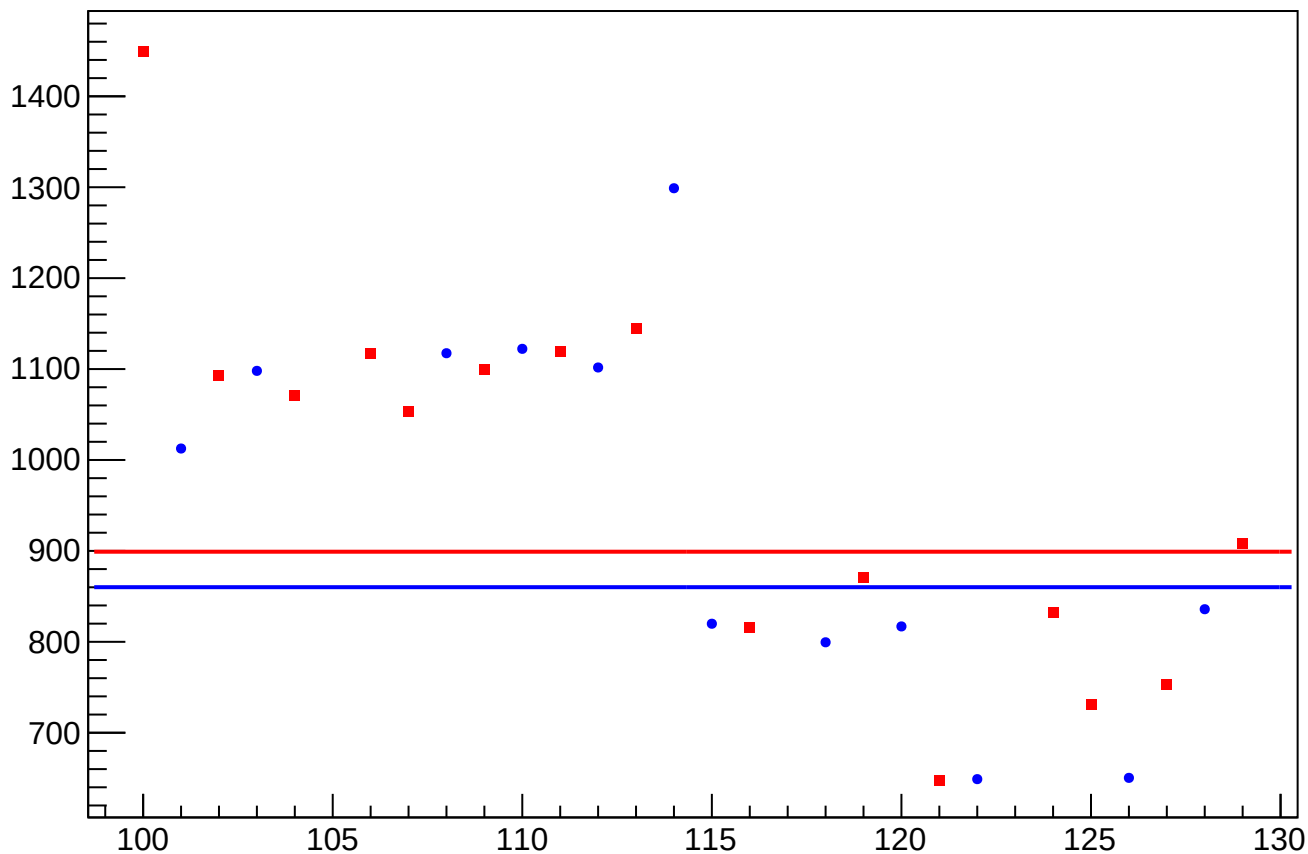
Right: -284.790+/-271.996 χ^2/NDF : 25.0/26

In: 124.561+/-393.366 χ^2/NDF : 12.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -284.790+/-271.996 χ^2/NDF : 25.0/26

asym_sam_15_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 860.098+/-0.278 χ^2/NDF : 423866.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

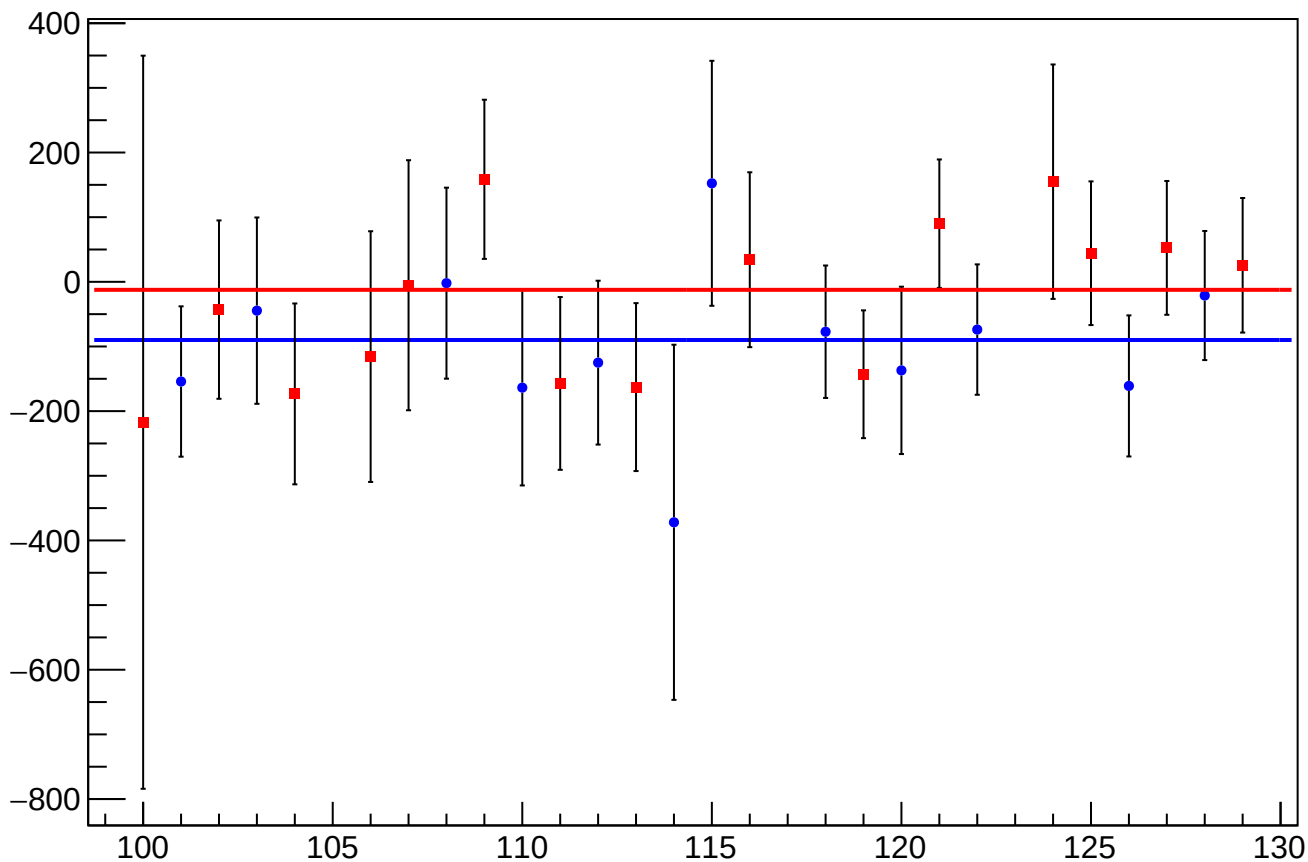
Right: 880.459+/-0.192 χ^2/NDF : 881118.9/26

In: 860.098+/-0.278 χ^2/NDF : 423866.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 880.459+/-0.192 χ^2/NDF : 881118.9/26

cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -89.967 $\pm$ 36.449 χ^2 /NDF: 4.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -12.383 $\pm$ 33.391 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

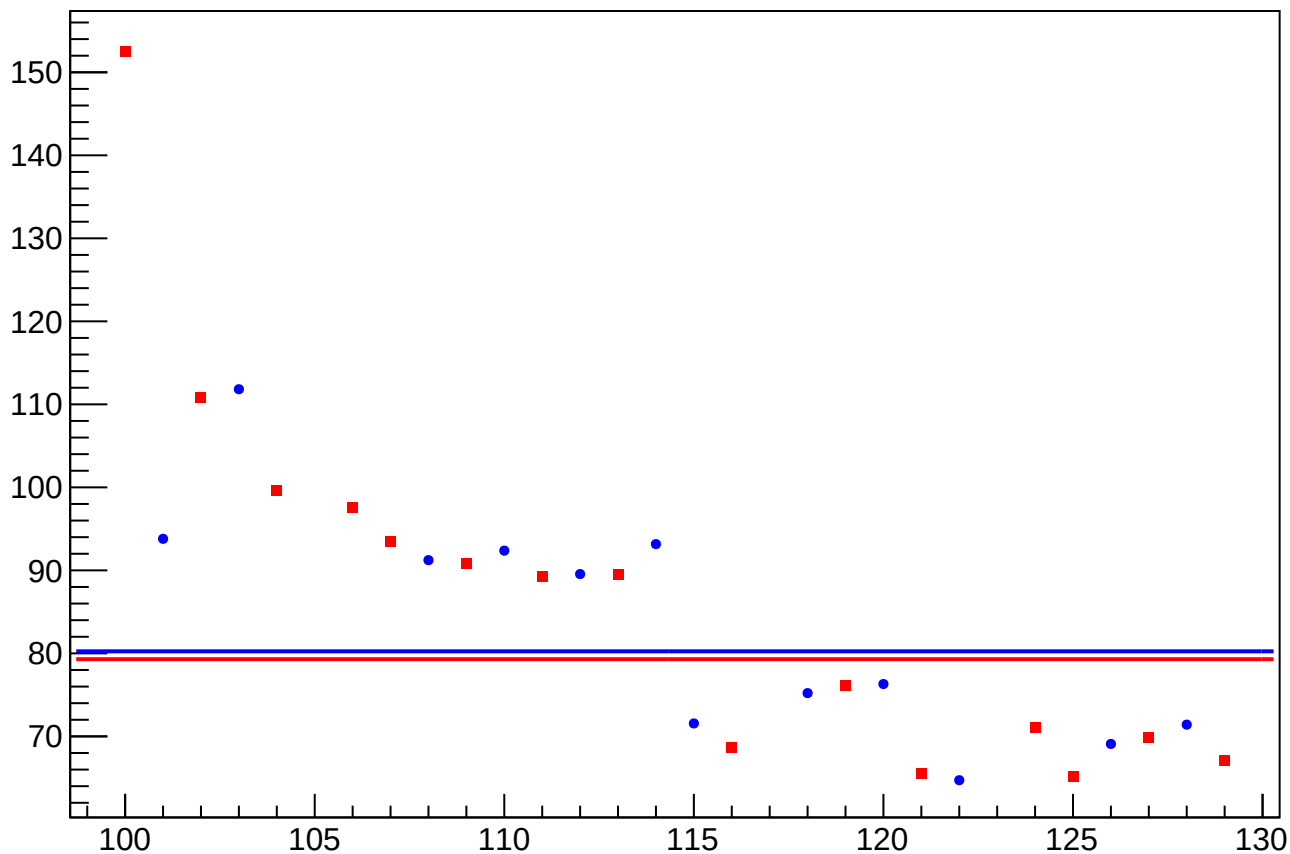
Right: -47.784 $\pm$ 24.621 χ^2 /NDF: 18.1/26

In: -89.967 $\pm$ 36.449 χ^2 /NDF:4.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -47.784 $\pm$ 24.621 χ^2 /NDF: 18.1/26

cor_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 80.249+/-0.026 χ^2/NDF : 257172.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

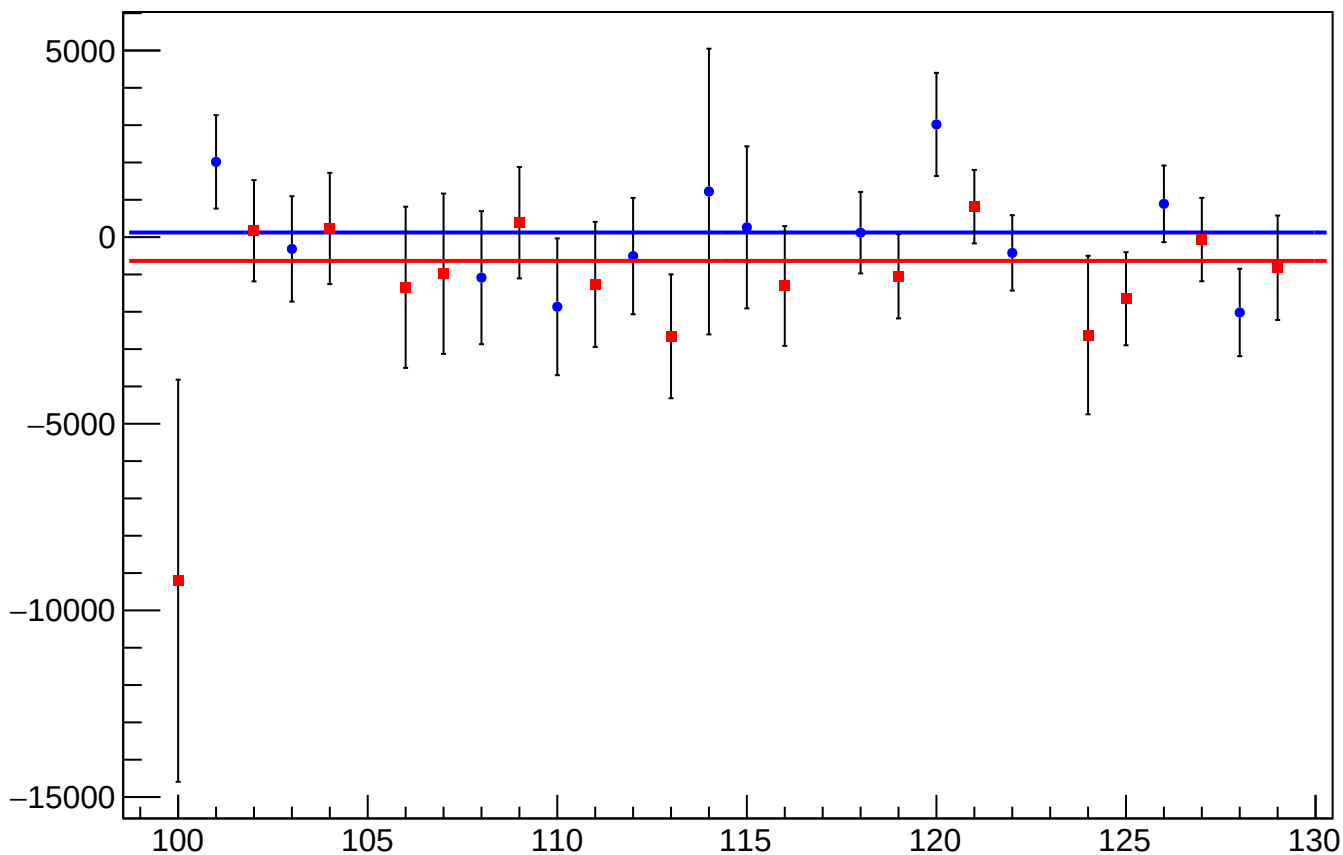
Right: 79.732+/-0.017 χ^2/NDF : 640233.3/26

In: 80.249+/-0.026 χ^2/NDF : 257172.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.732+/-0.017 χ^2/NDF : 640233.3/26

asym_sam_15_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 124.523+/-393.367 χ^2/NDF : 12.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

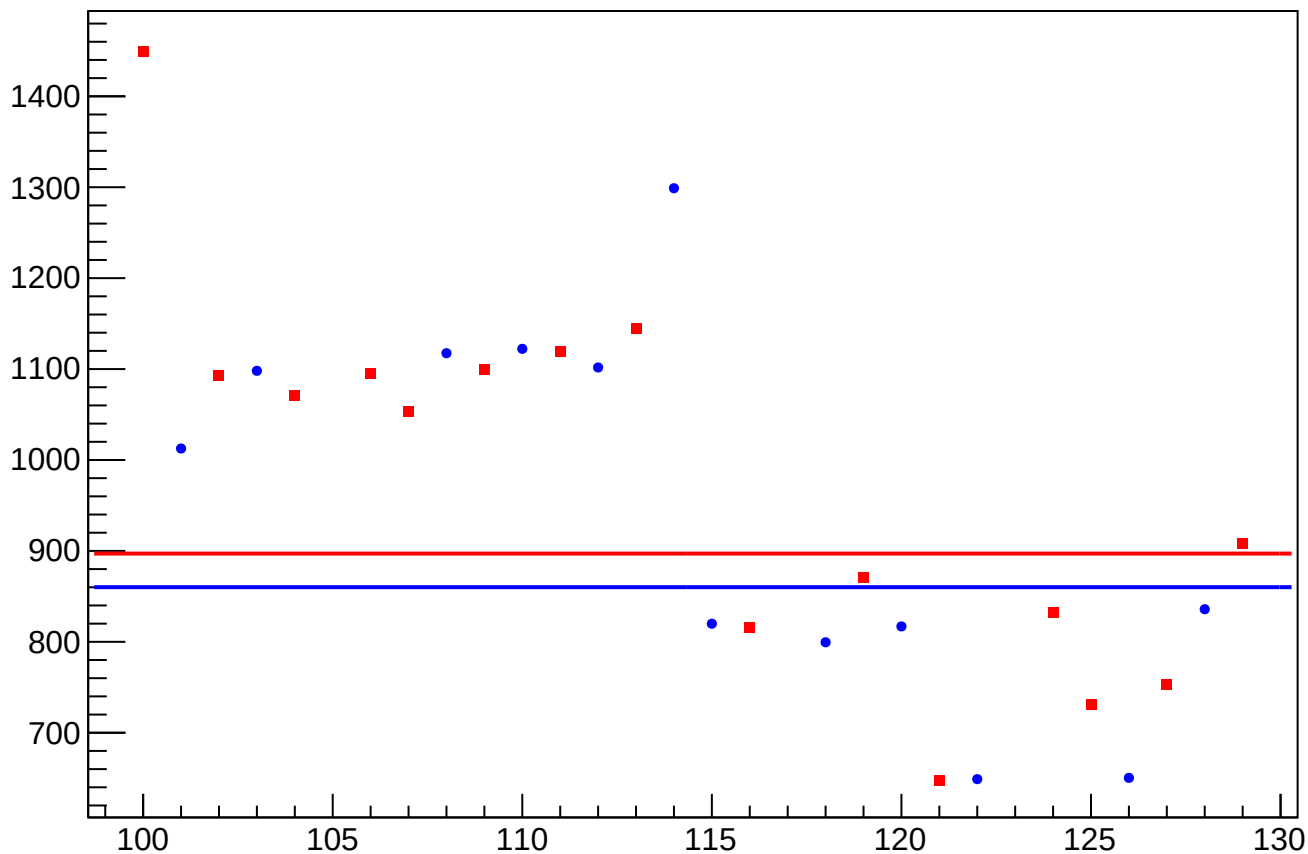
Right: -271.587+/-272.451 χ^2/NDF : 24.6/26

In: 124.523+/-393.367 χ^2/NDF : 12.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -271.587+/-272.451 χ^2/NDF : 24.6/26

asym_sam_15_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 860.100+/-0.278 χ^2/NDF : 423889.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

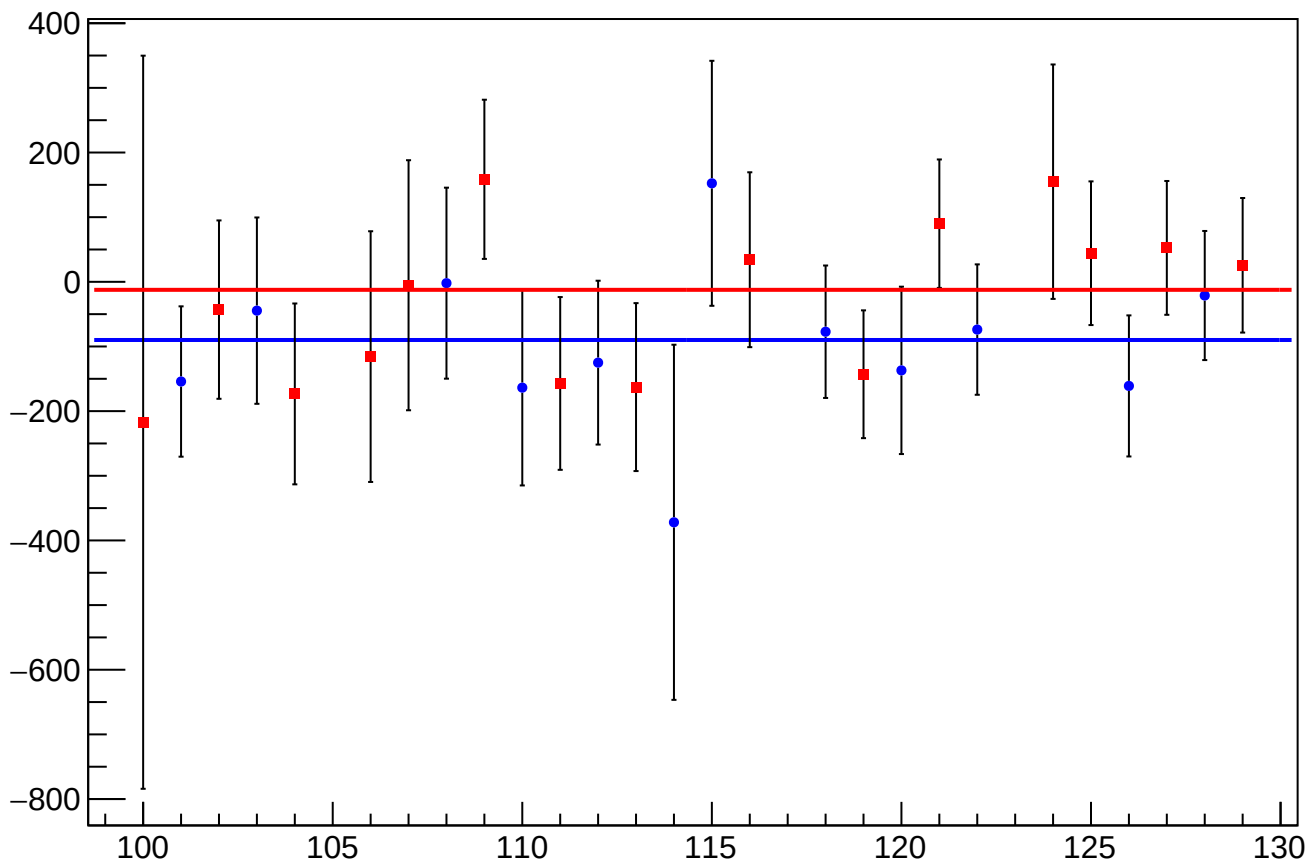
Right: 879.332+/-0.193 χ^2/NDF : 871931.0/26

In: 860.100+/-0.278 χ^2/NDF : 423889.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 879.332+/-0.193 χ^2/NDF : 871931.0/26

eigen_cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -89.967+/-36.449 χ^2/NDF : 4.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

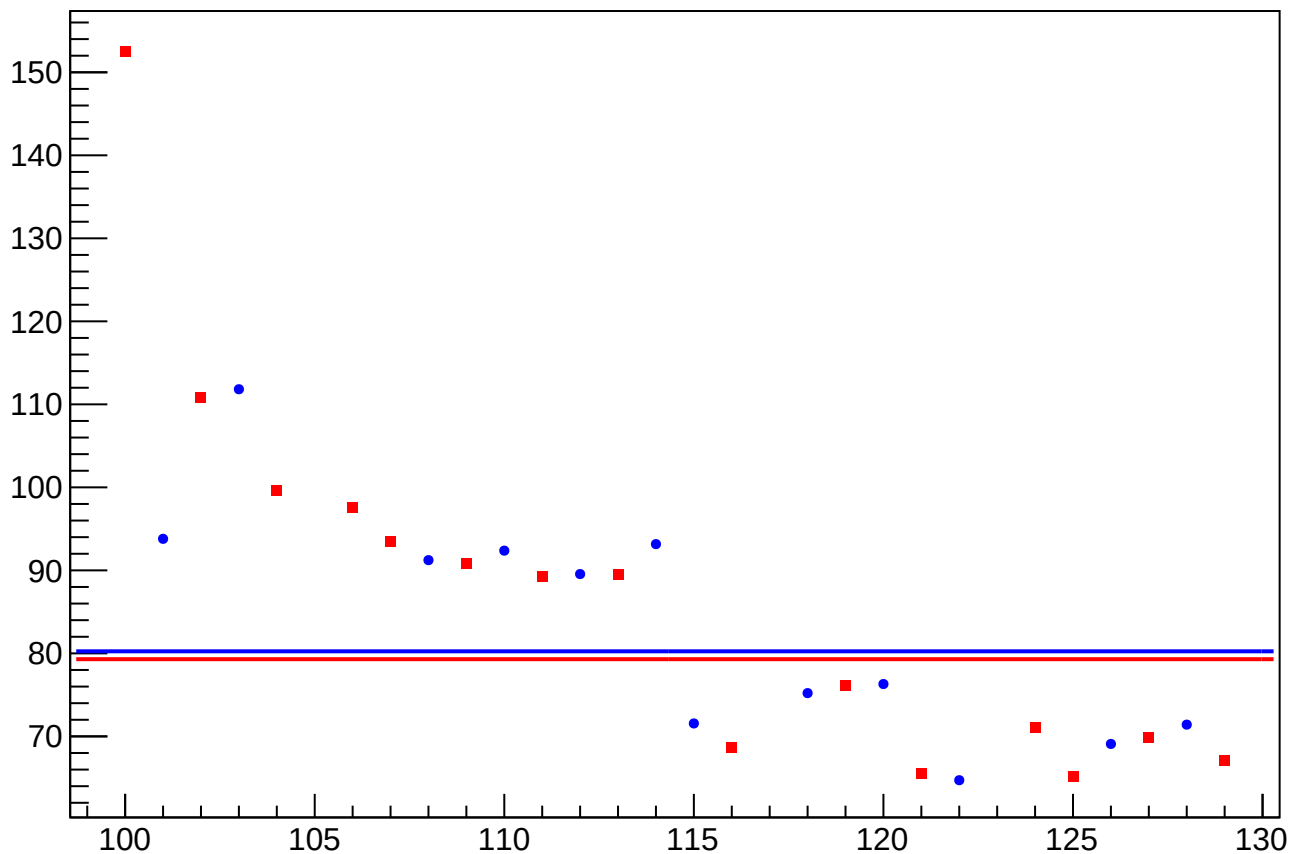
Right: -47.784+/-24.621 χ^2/NDF : 18.1/26

In: -89.967+/-36.449 χ^2/NDF : 4.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.784+/-24.621 χ^2/NDF : 18.1/26

eigen_cor_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 80.249+/-0.026 χ^2/NDF : 257172.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

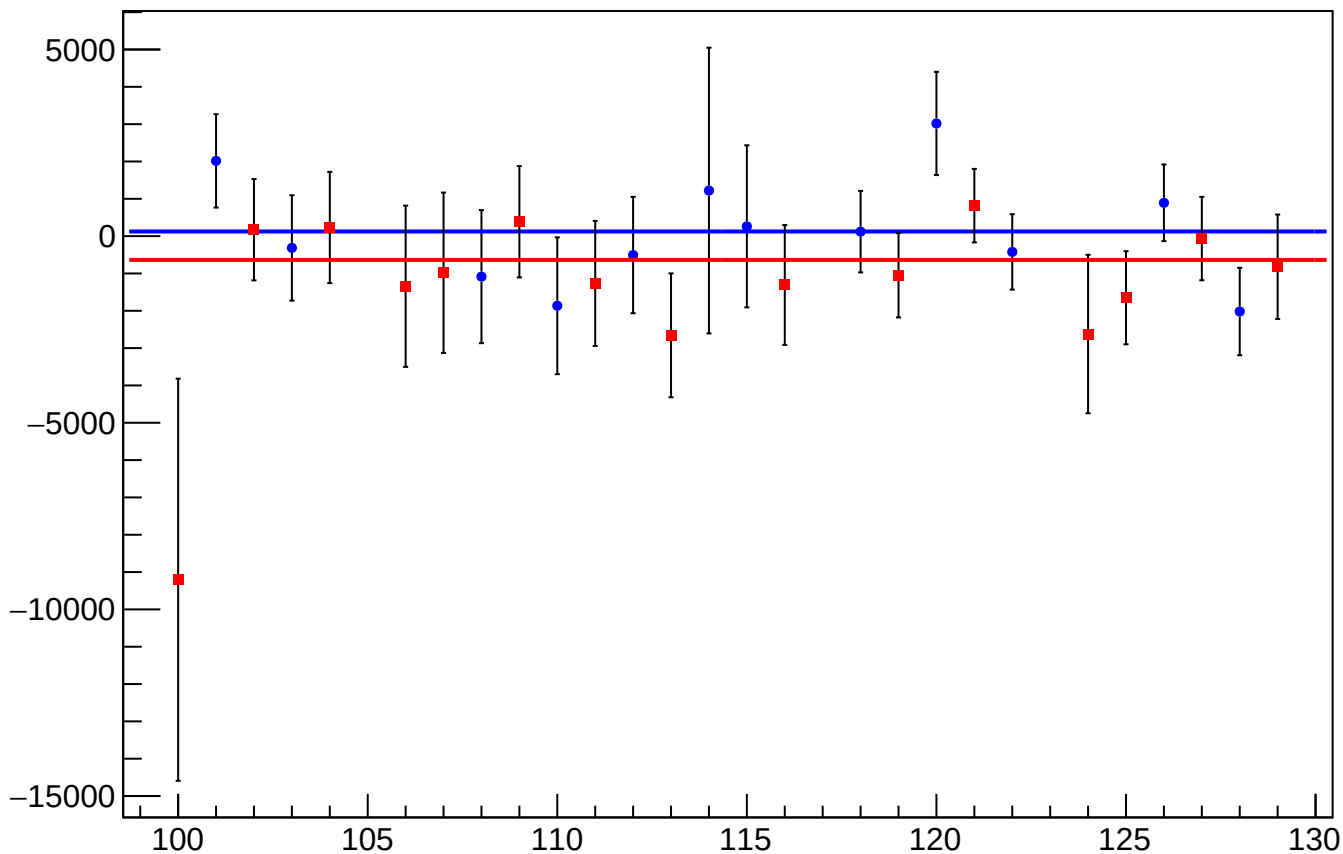
Right: 79.732+/-0.017 χ^2/NDF : 640233.3/26

In: 80.249+/-0.026 χ^2/NDF : 257172.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.732+/-0.017 χ^2/NDF : 640233.3/26

asym_sam_15_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 124.523+/-393.367 χ^2/NDF : 12.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

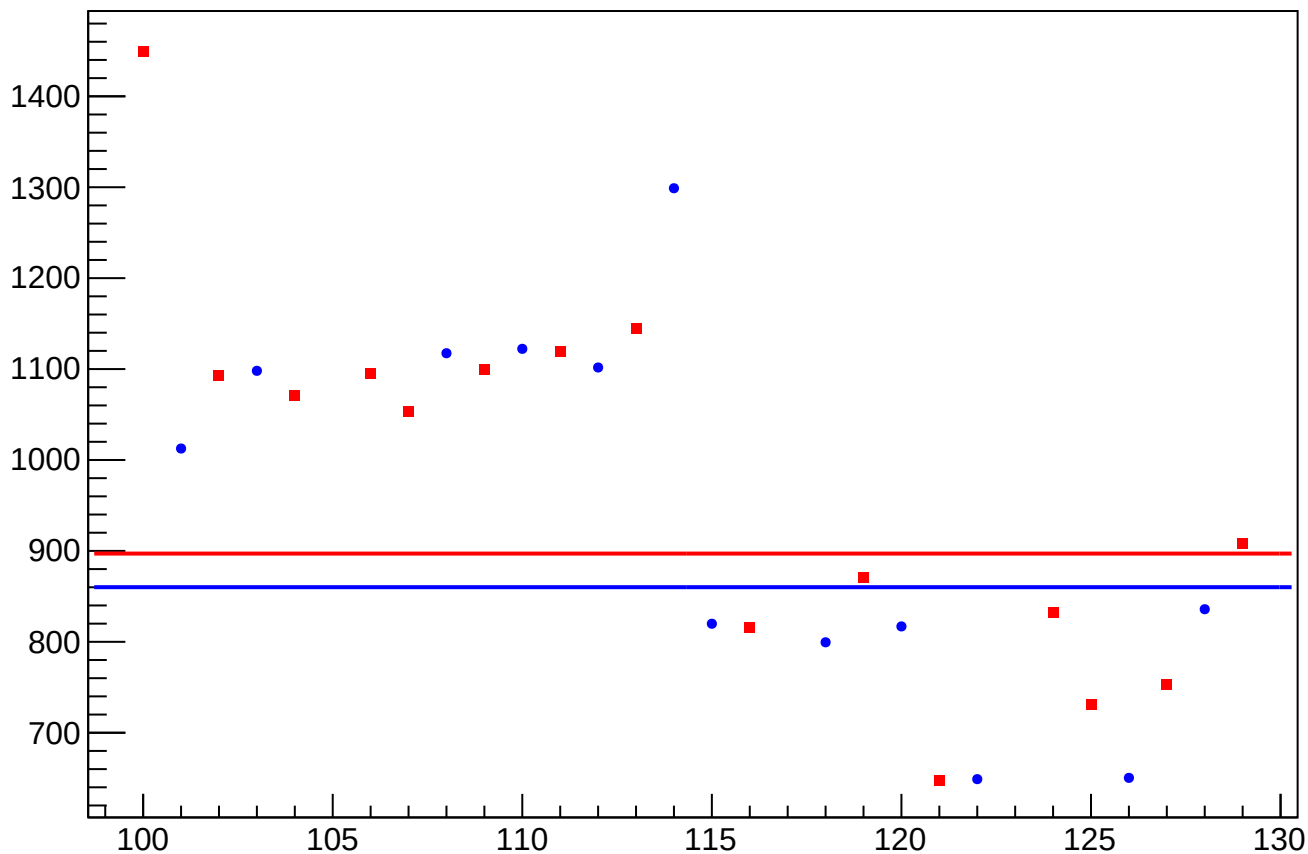
Right: -271.587+/-272.451 χ^2/NDF : 24.6/26

In: 124.523+/-393.367 χ^2/NDF : 12.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -271.587+/-272.451 χ^2/NDF : 24.6/26

asym_sam_15_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 860.100+/-0.278 χ^2/NDF : 423889.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

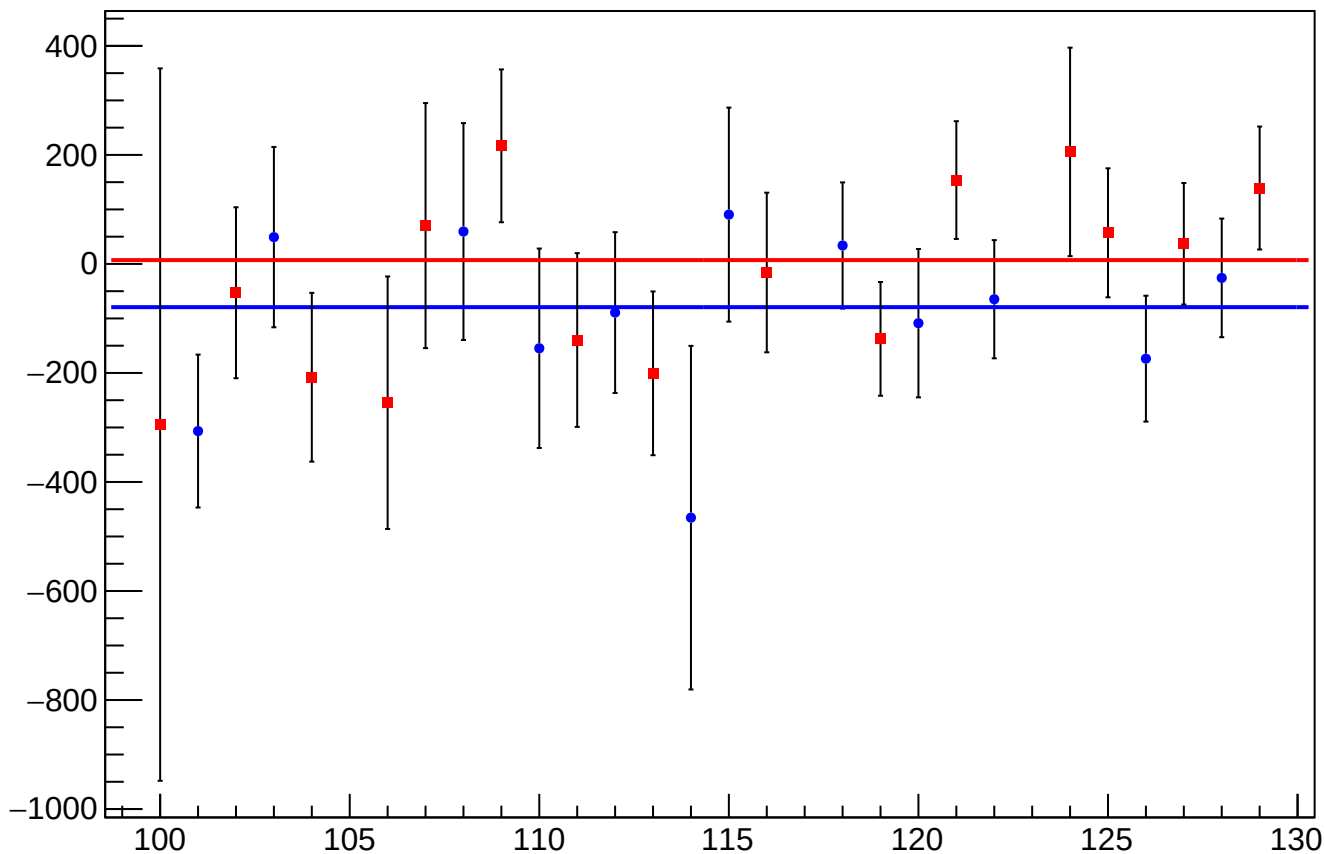
Right: 879.332+/-0.193 χ^2/NDF : 871931.0/26

In: 860.100+/-0.278 χ^2/NDF : 423889.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 879.332+/-0.193 χ^2/NDF : 871931.0/26

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -79.300 ± 40.902 χ^2/NDF : 8.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 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

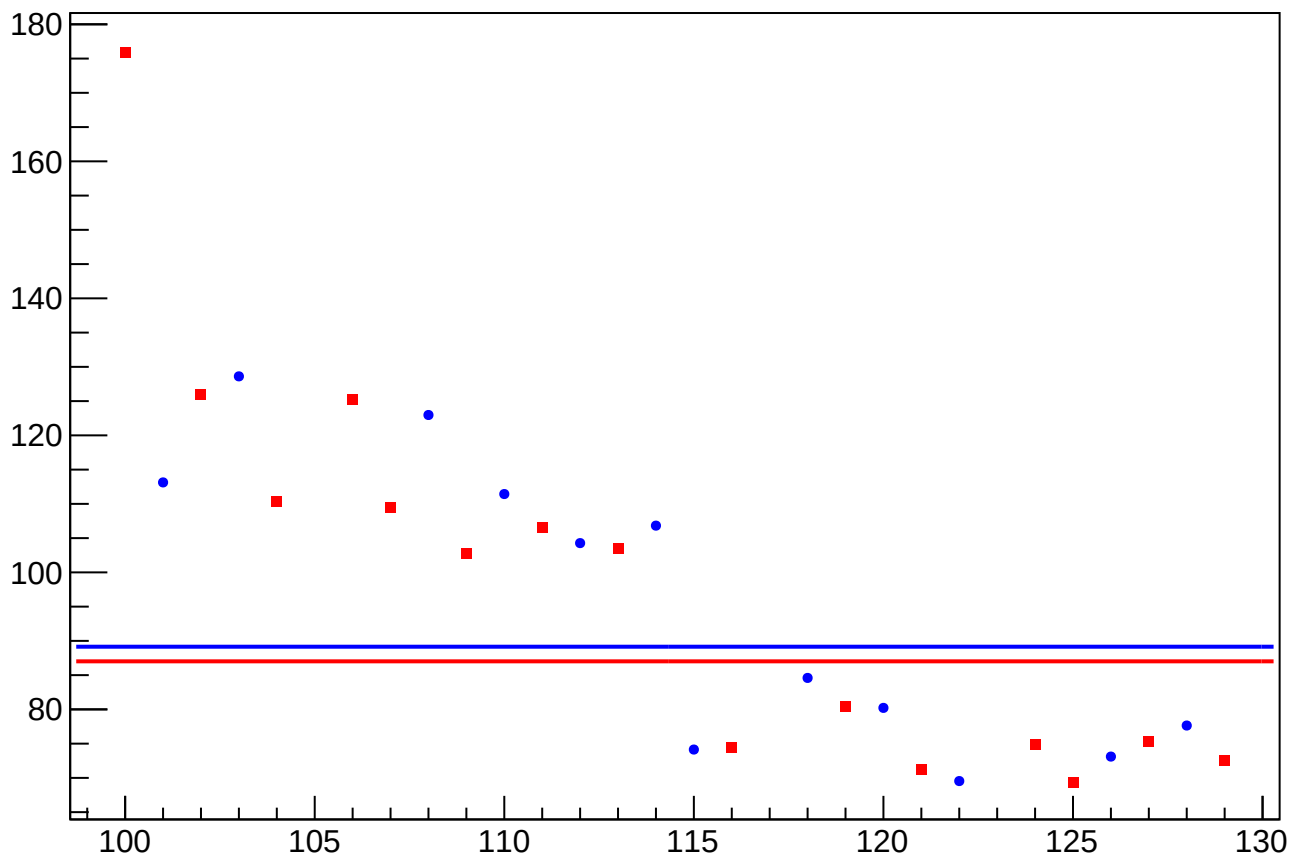
Right: -31.551 ± 27.344 χ^2/NDF : 25.7/26

In: -79.300 ± 40.902 χ^2/NDF : 8.1/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -31.551 ± 27.344 χ^2/NDF : 25.7/26

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 89.150+/-0.029 χ^2/NDF : 436926.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

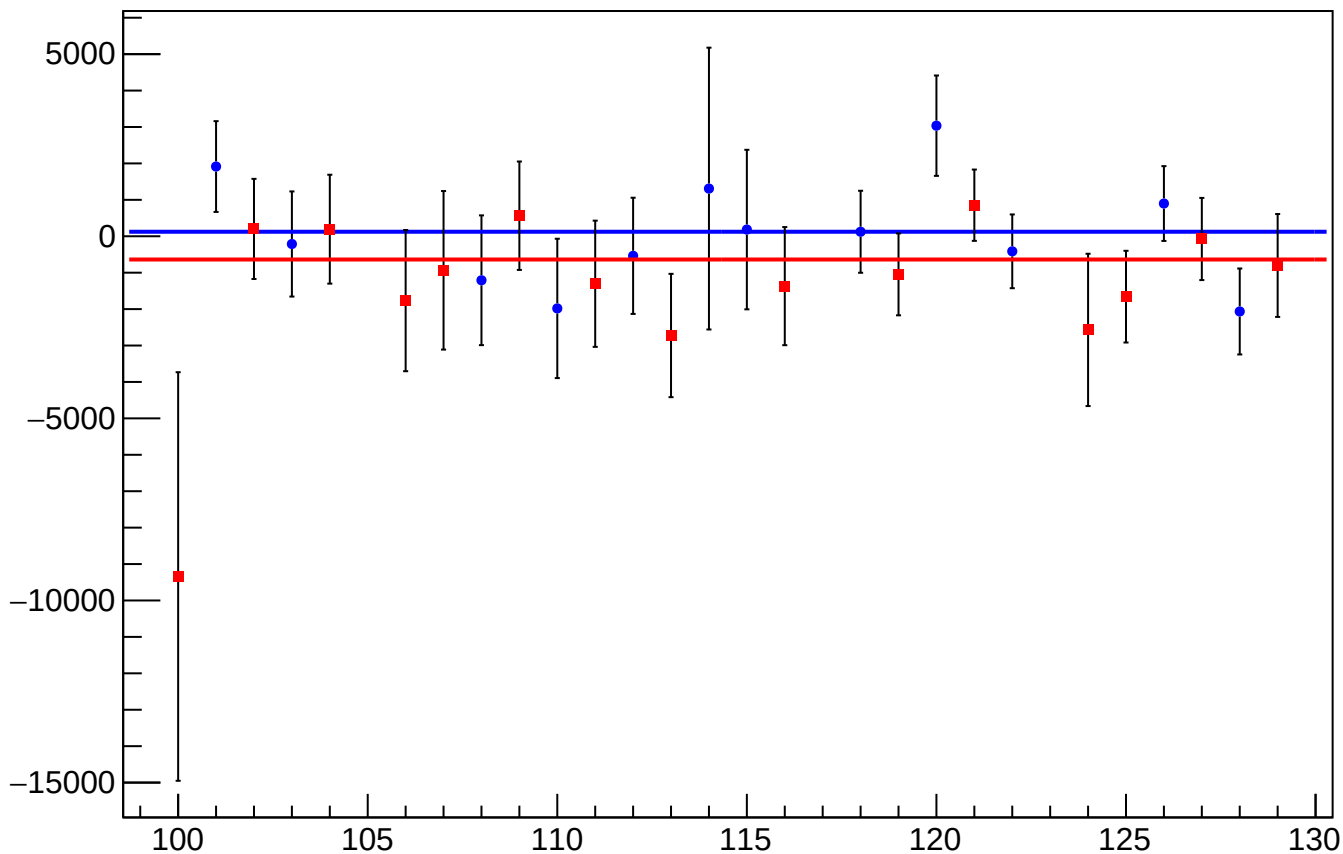
Right: 87.969+/-0.019 χ^2/NDF : 972269.1/26

In: 89.150+/-0.029 χ^2/NDF : 436926.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.969+/-0.019 χ^2/NDF : 972269.1/26

asym_sam_15_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 123.850+/-397.182 χ^2/NDF : 12.9/11

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

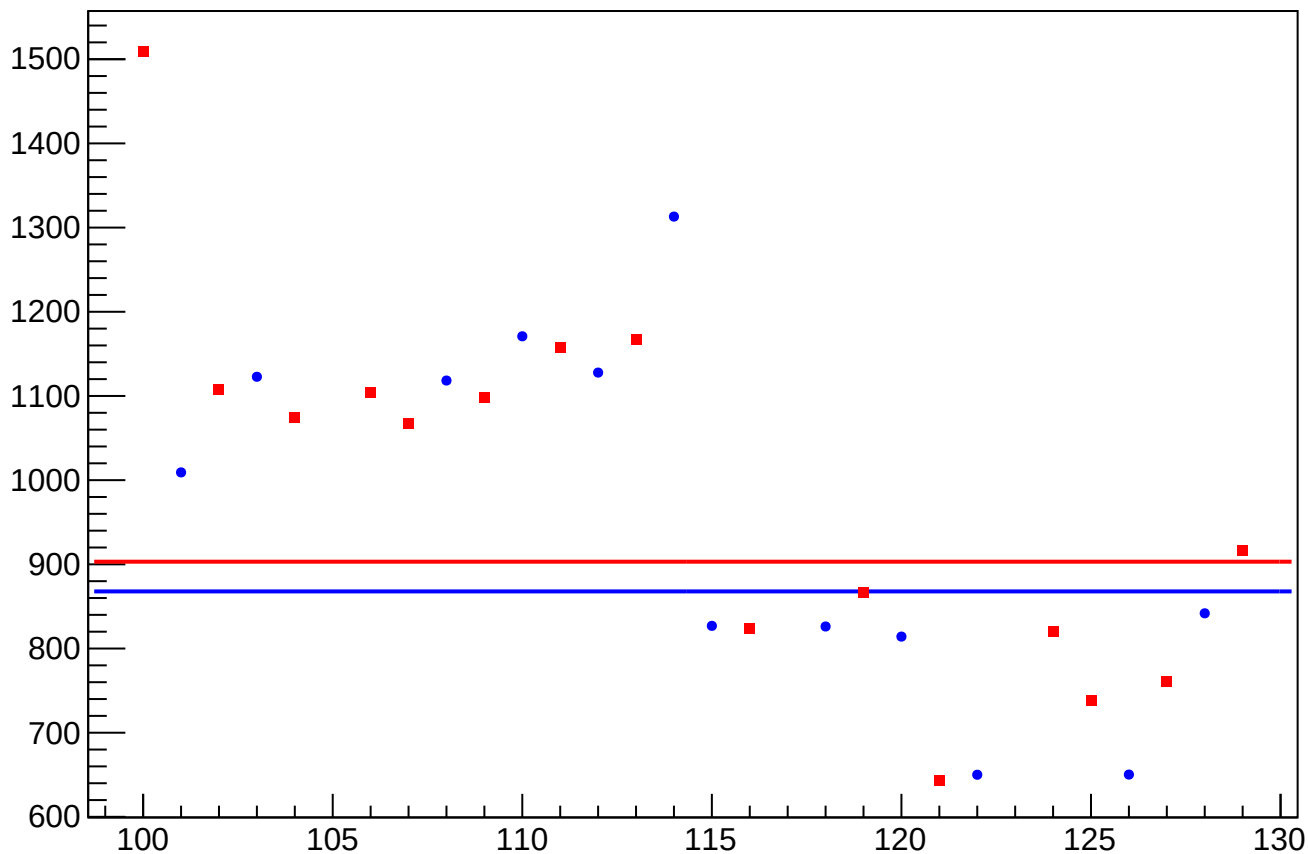
Right: -275.496+/-273.998 χ^2/NDF : 25.0/26

In: 123.850+/-397.182 χ^2/NDF : 12.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -275.496+/-273.998 χ^2/NDF : 25.0/26

asym_sam_15_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 867.846 $\pm$ 0.281 χ^2 /NDF: 447210.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 903.146 $\pm$ 0.268 χ^2 /NDF: 469945.8/14

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

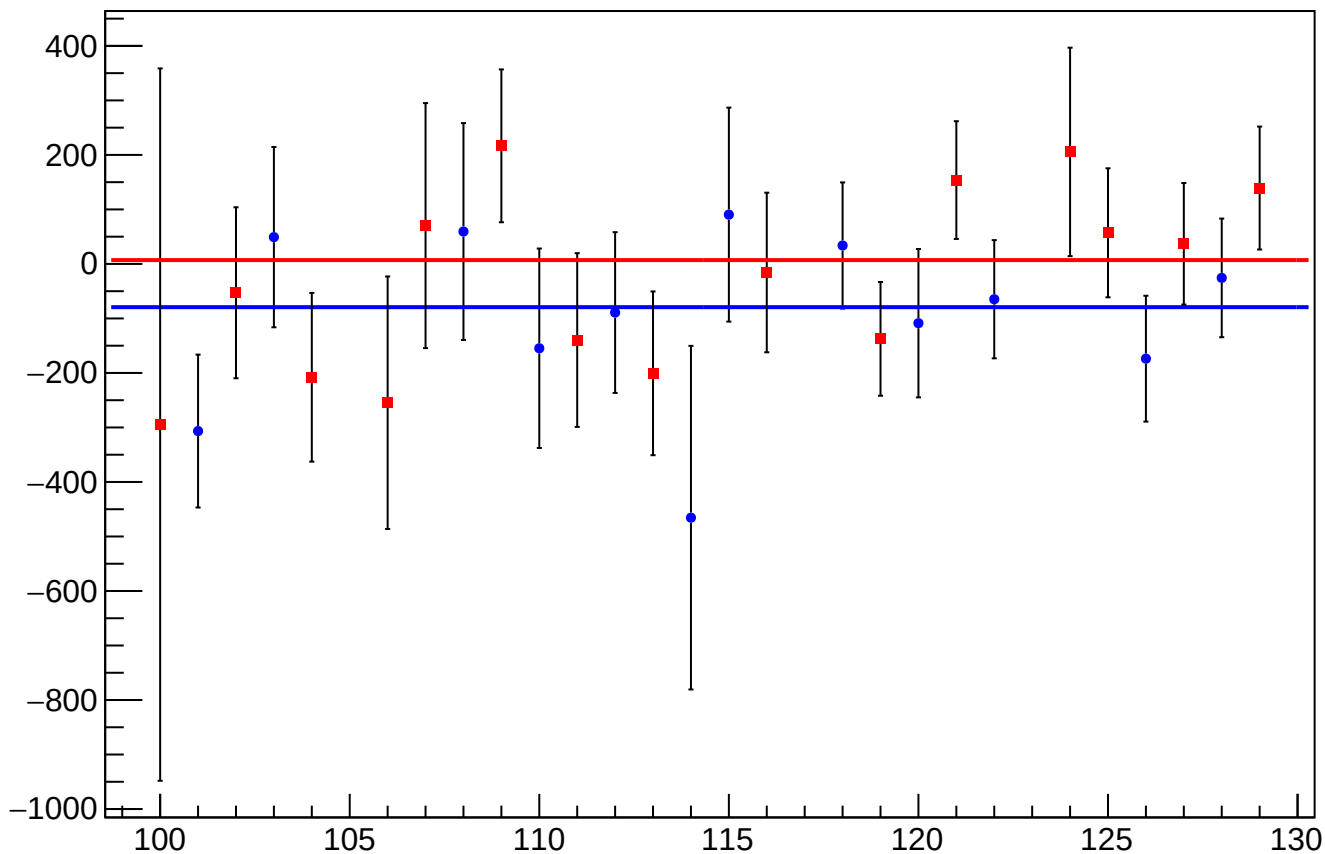
Right: 886.347 $\pm$ 0.194 χ^2 /NDF: 925435.6/26

In: 867.846 $\pm$ 0.281 χ^2 /NDF:447210.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 886.347 $\pm$ 0.194 χ^2 /NDF: 925435.6/26

eigen_dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -79.300+/-40.902 χ^2/NDF : 8.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

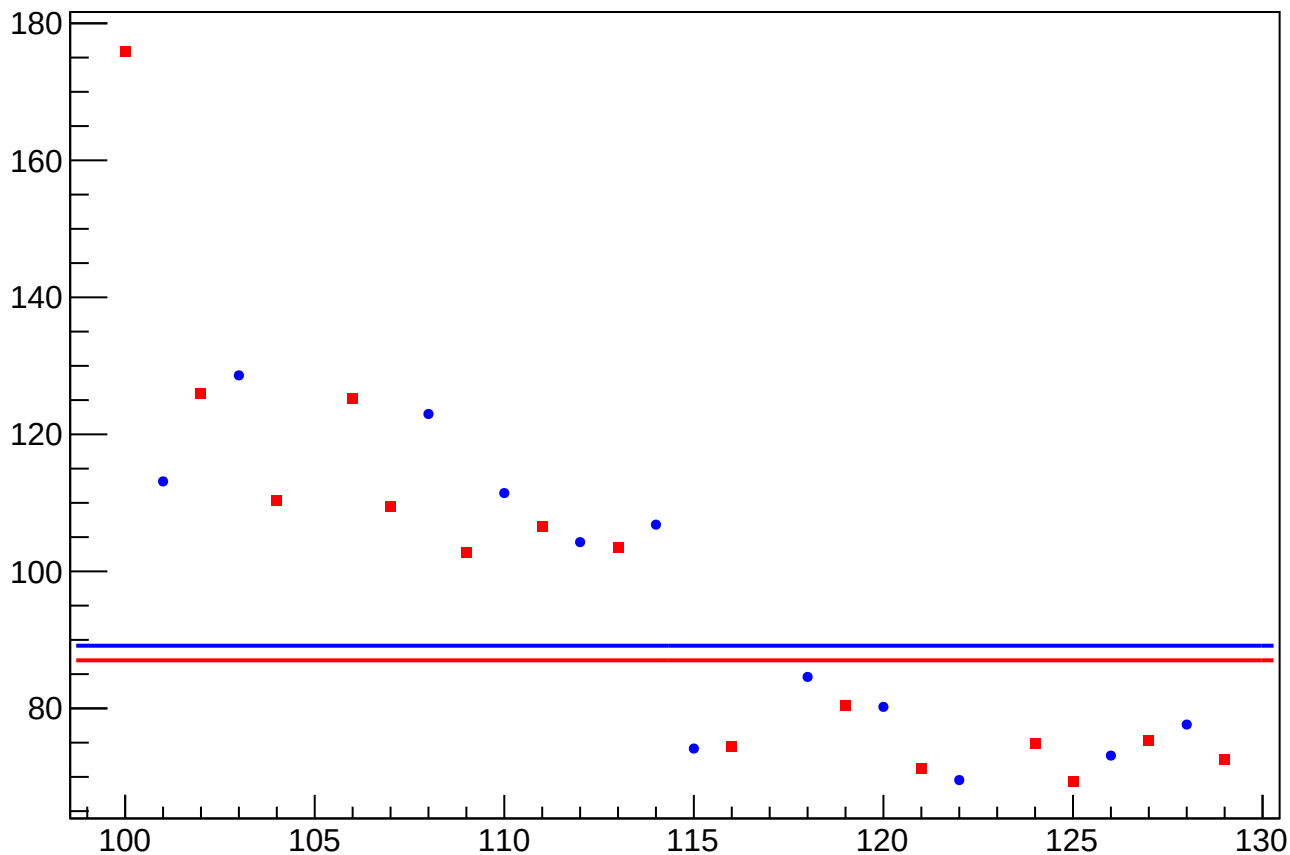
Right: -31.550+/-27.343 χ^2/NDF : 25.7/26

In: -79.300+/-40.902 χ^2/NDF : 8.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.550+/-27.343 χ^2/NDF : 25.7/26

eigen_dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 89.150+/-0.029 χ^2/NDF : 436913.3/11

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

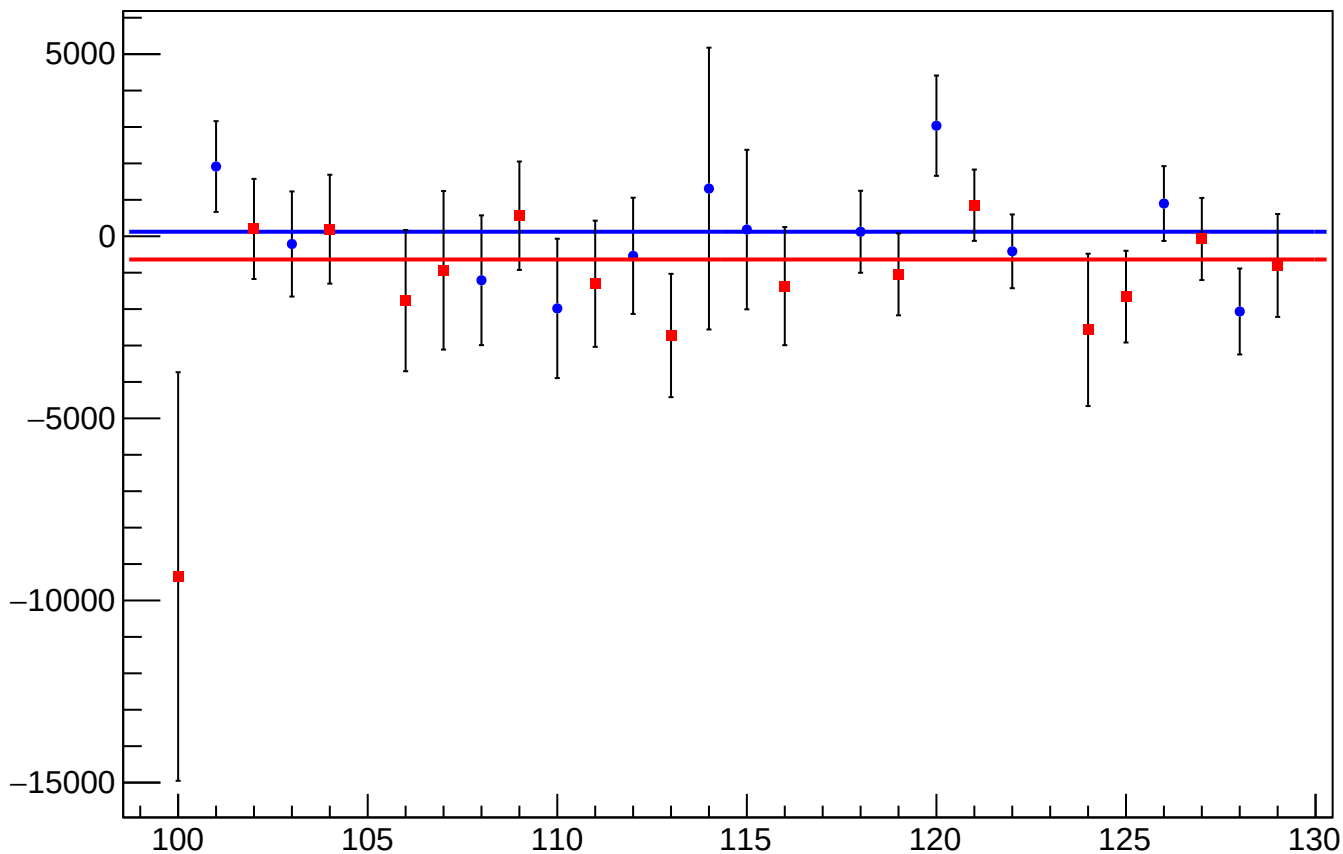
Right: 87.968+/-0.019 χ^2/NDF : 972241.3/26

In: 89.150+/-0.029 χ^2/NDF : 436913.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.968+/-0.019 χ^2/NDF : 972241.3/26

asym_sam_15_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 123.848 $\pm$ 397.181 χ^2 /NDF: 12.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -638.115 $\pm$ 378.478 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

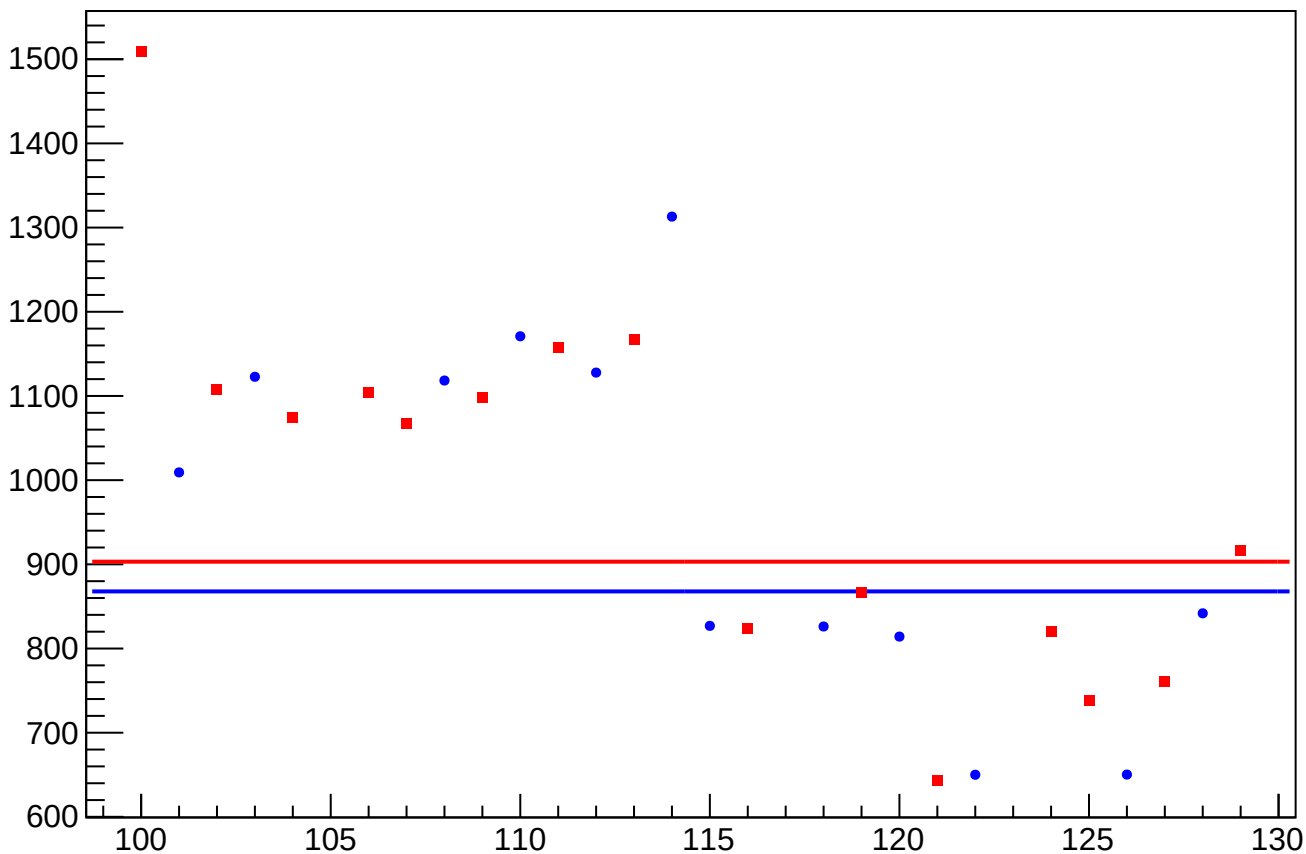
Right: -275.496 $\pm$ 273.998 χ^2 /NDF: 25.0/26

In: 123.848 $\pm$ 397.181 χ^2 /NDF:12.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -275.496 $\pm$ 273.998 χ^2 /NDF: 25.0/26

asym_sam_15_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 867.844+/-0.281 χ^2/NDF : 447202.8/11

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

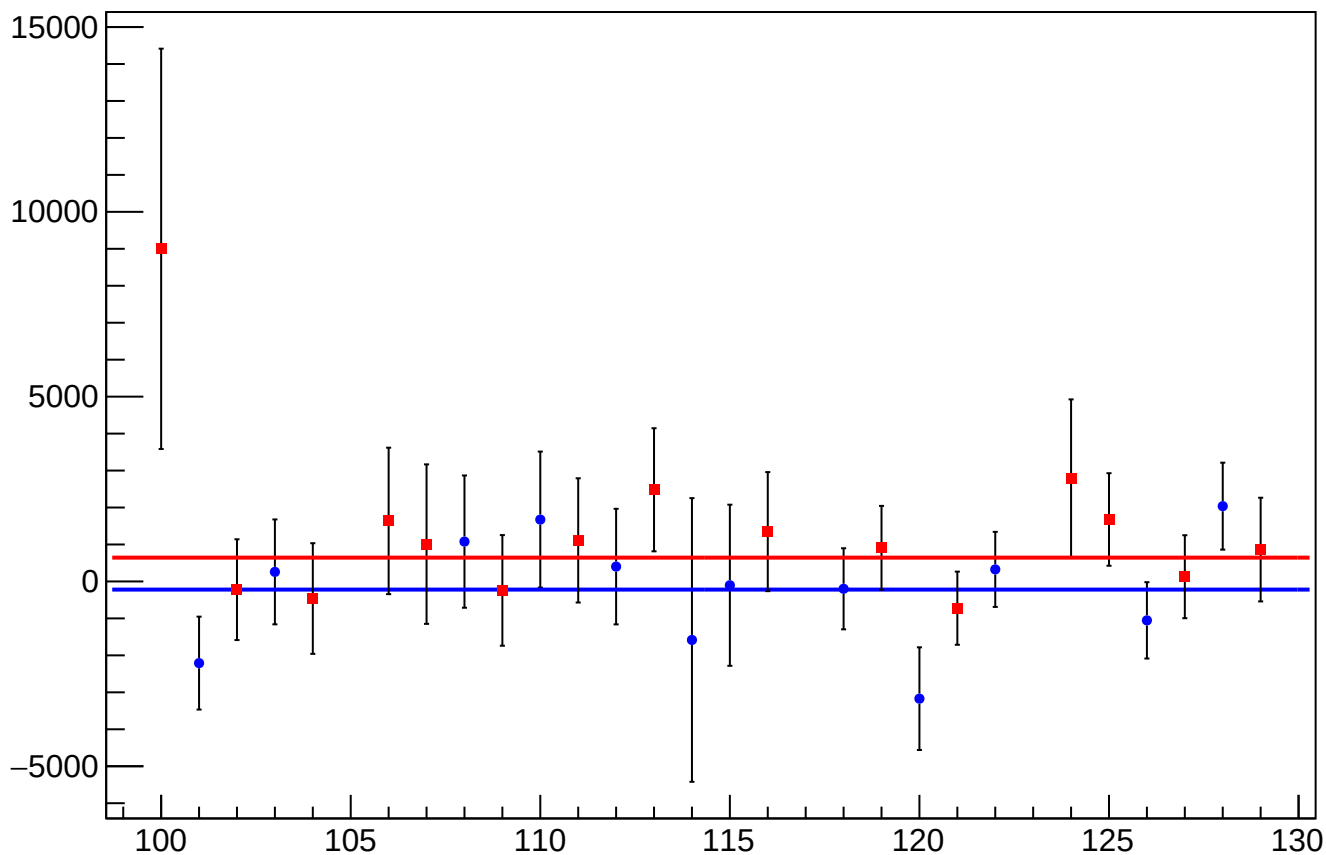
Right: 886.345+/-0.194 χ^2/NDF : 925422.0/26

In: 867.844+/-0.281 χ^2/NDF : 447202.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 886.345+/-0.194 χ^2/NDF : 925422.0/26

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -220.330+/-395.173 χ^2/NDF : 13.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 644.422+/-378.135 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

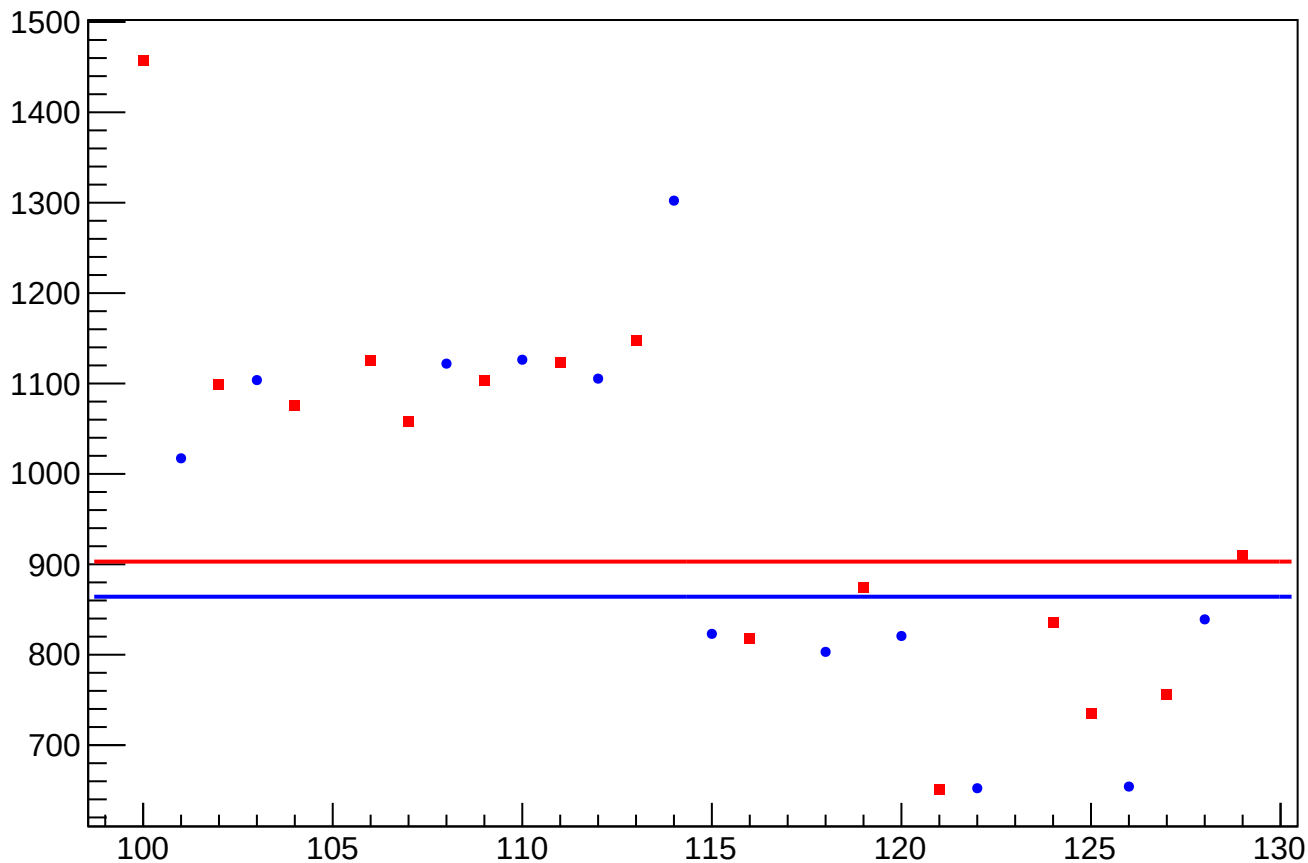
Right: 231.090+/-273.207 χ^2/NDF : 25.5/26

In: -220.330+/-395.173 χ^2/NDF : 13.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 231.090+/-273.207 χ^2/NDF : 25.5/26

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 864.159+/-0.279 χ^2/NDF : 421964.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 902.997+/-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

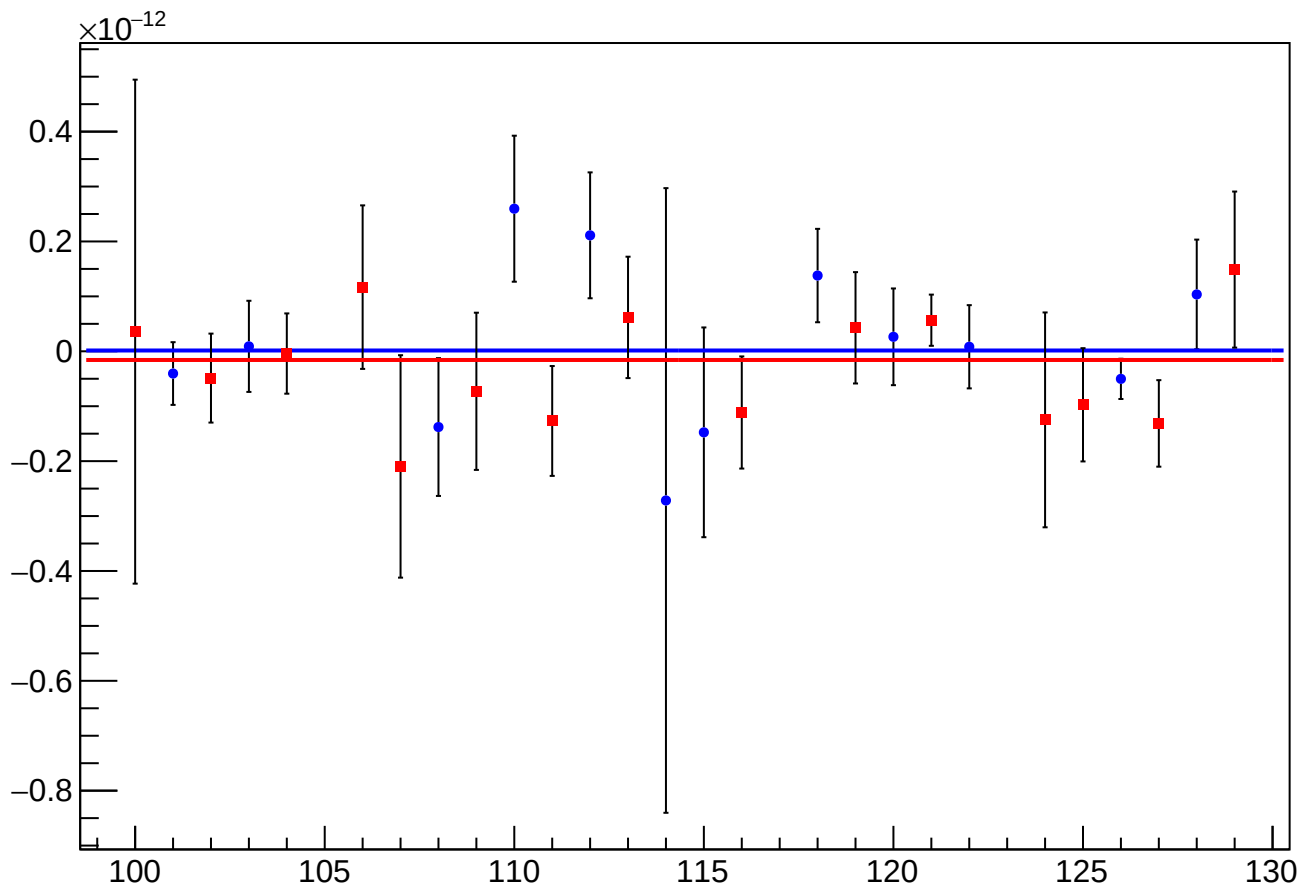
Right: 884.434+/-0.193 χ^2/NDF : 878501.6/26

In: 864.159+/-0.279 χ^2/NDF : 421964.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 884.434+/-0.193 χ^2/NDF : 878501.6/26

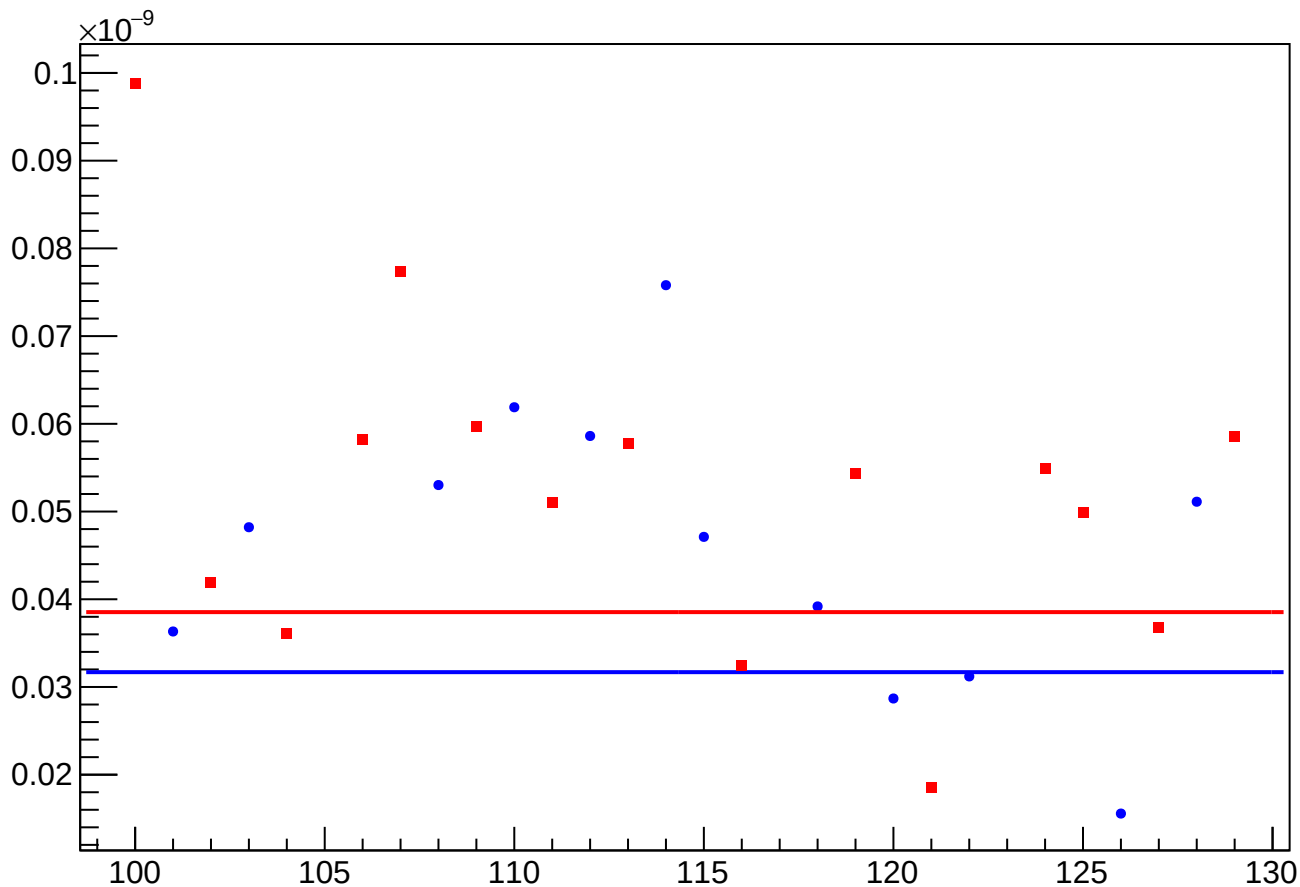
asym_sam_15_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.4/11
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 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 : 27.6/26
 In: 0.000+/-0.000 χ^2/NDF : 15.4/11
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 27.6/26

asym_sam_15_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 869886.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

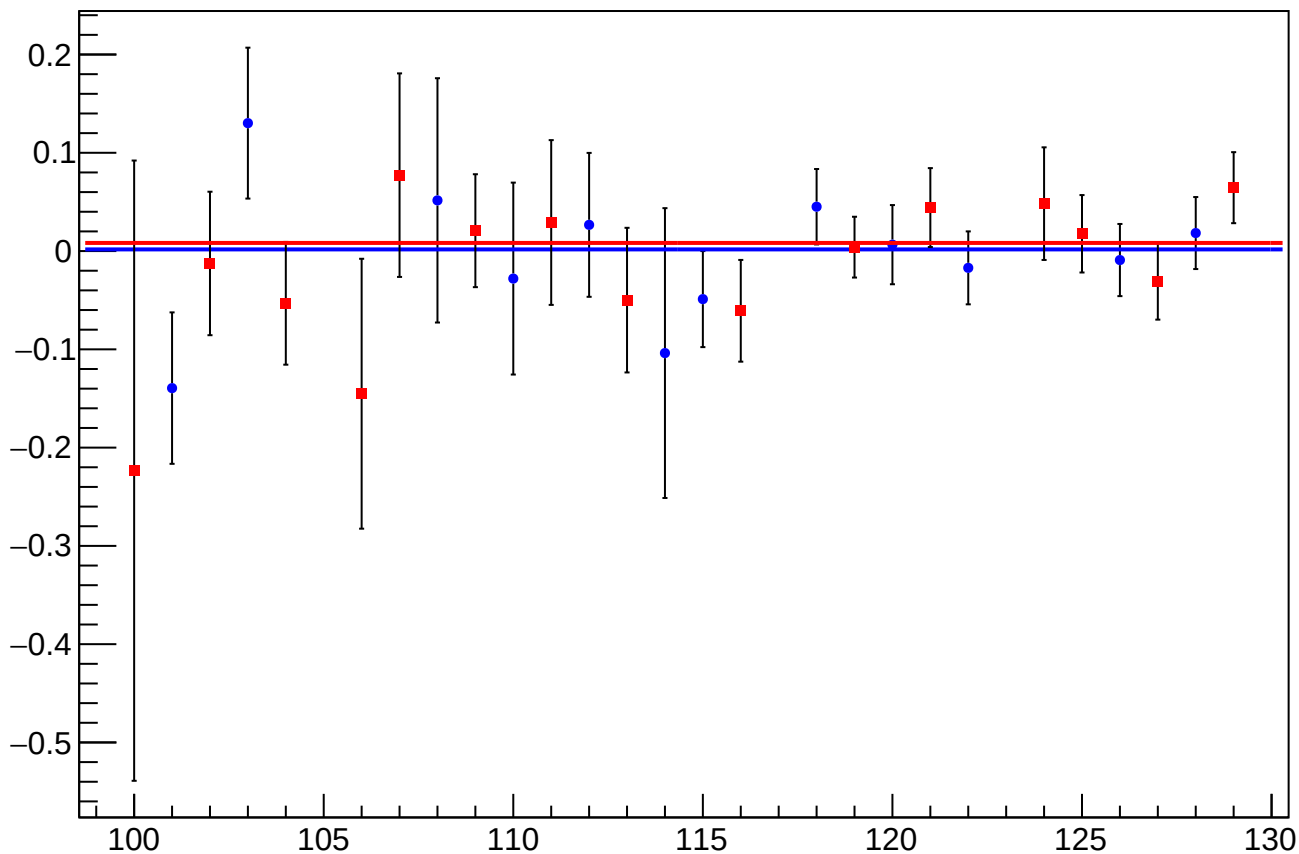
Right: 0.000+/-0.000 χ^2/NDF : 1740147.8/26

In: 0.000+/-0.000 χ^2/NDF : 869886.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1740147.8/26

asym_sam_15_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.015 χ^2 /NDF: 10.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.008 $\pm$ 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

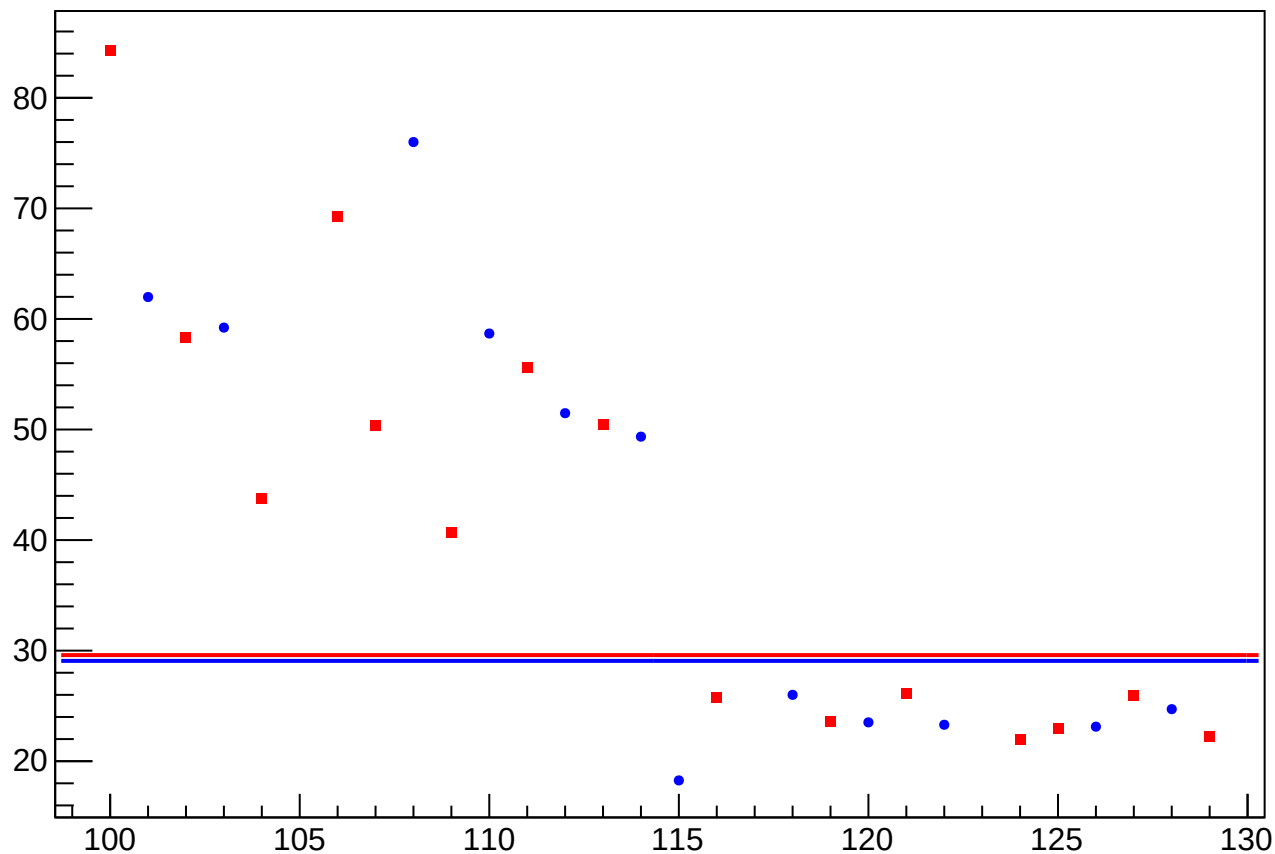
Right: 0.005 $\pm$ 0.010 χ^2 /NDF: 20.6/26

In: 0.002 $\pm$ 0.015 χ^2 /NDF:10.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.005 $\pm$ 0.010 χ^2 /NDF: 20.6/26

asym_sam_15_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.075+/-0.010 χ^2/NDF : 1645393.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

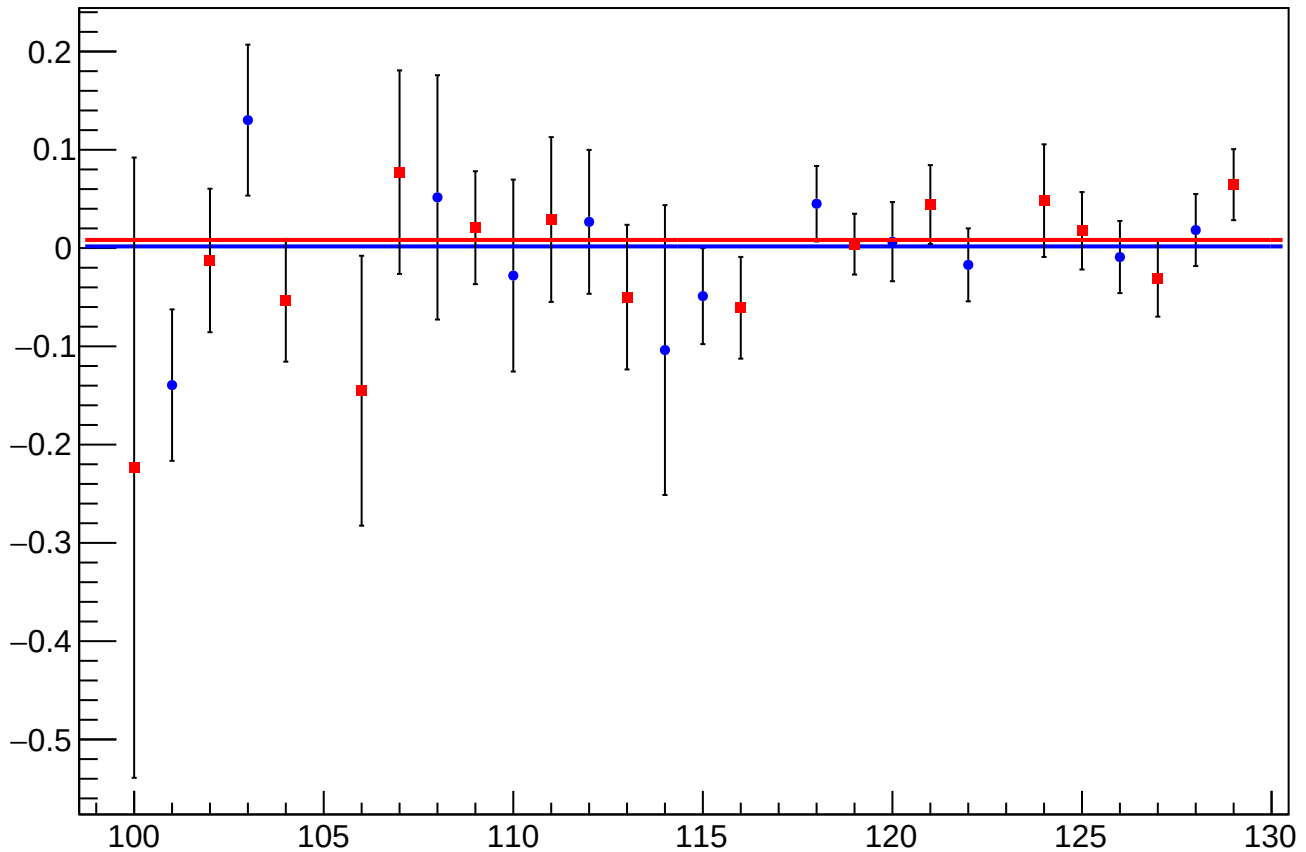
Right: 29.360+/-0.007 χ^2/NDF : 3088025.2/26

In: 29.075+/-0.010 χ^2/NDF :1645393.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 29.360+/-0.007 χ^2/NDF : 3088025.2/26

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002+/-0.015 χ^2/NDF : 10.0/11

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

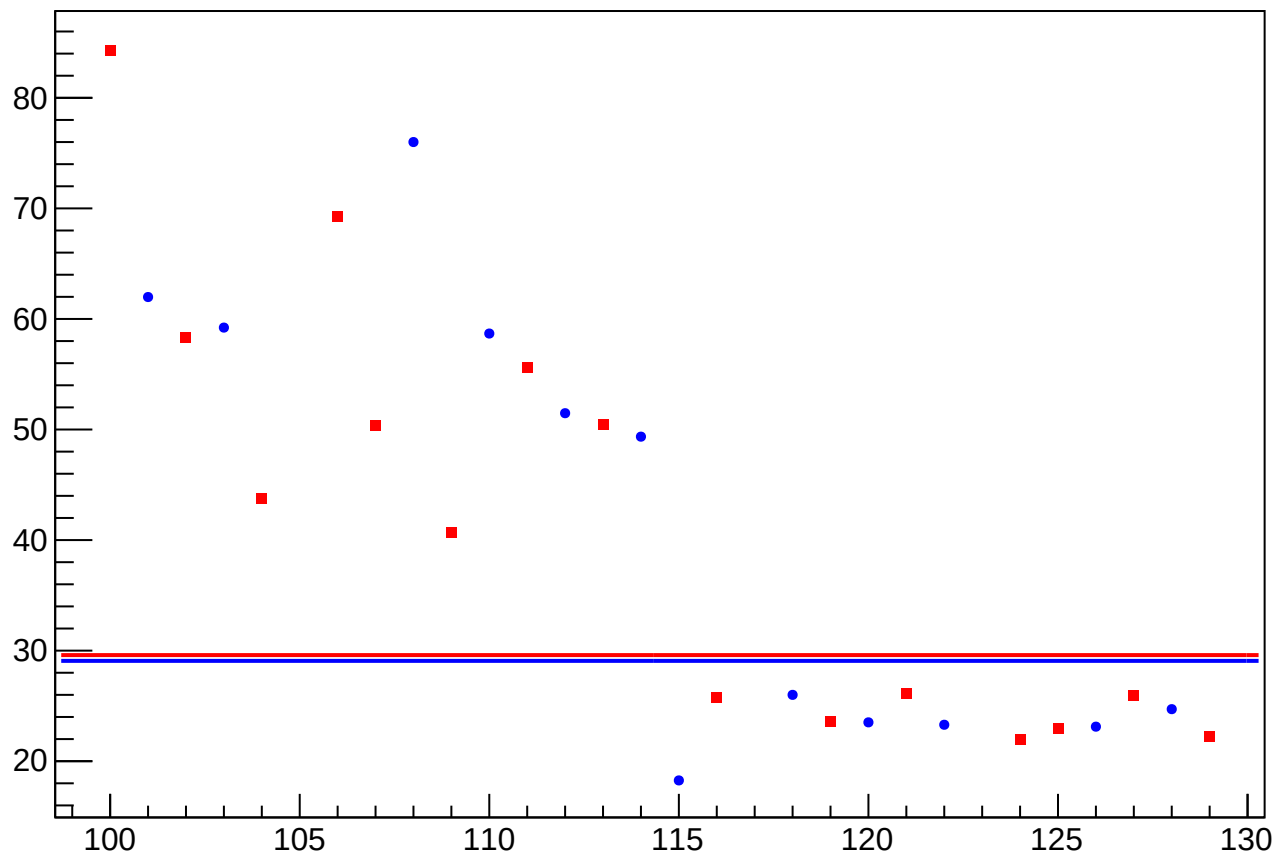
Right: 0.005+/-0.010 χ^2/NDF : 20.6/26

In: 0.002+/-0.015 χ^2/NDF : 10.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.010 χ^2/NDF : 20.6/26

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.075+/-0.010 χ^2/NDF : 1645393.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

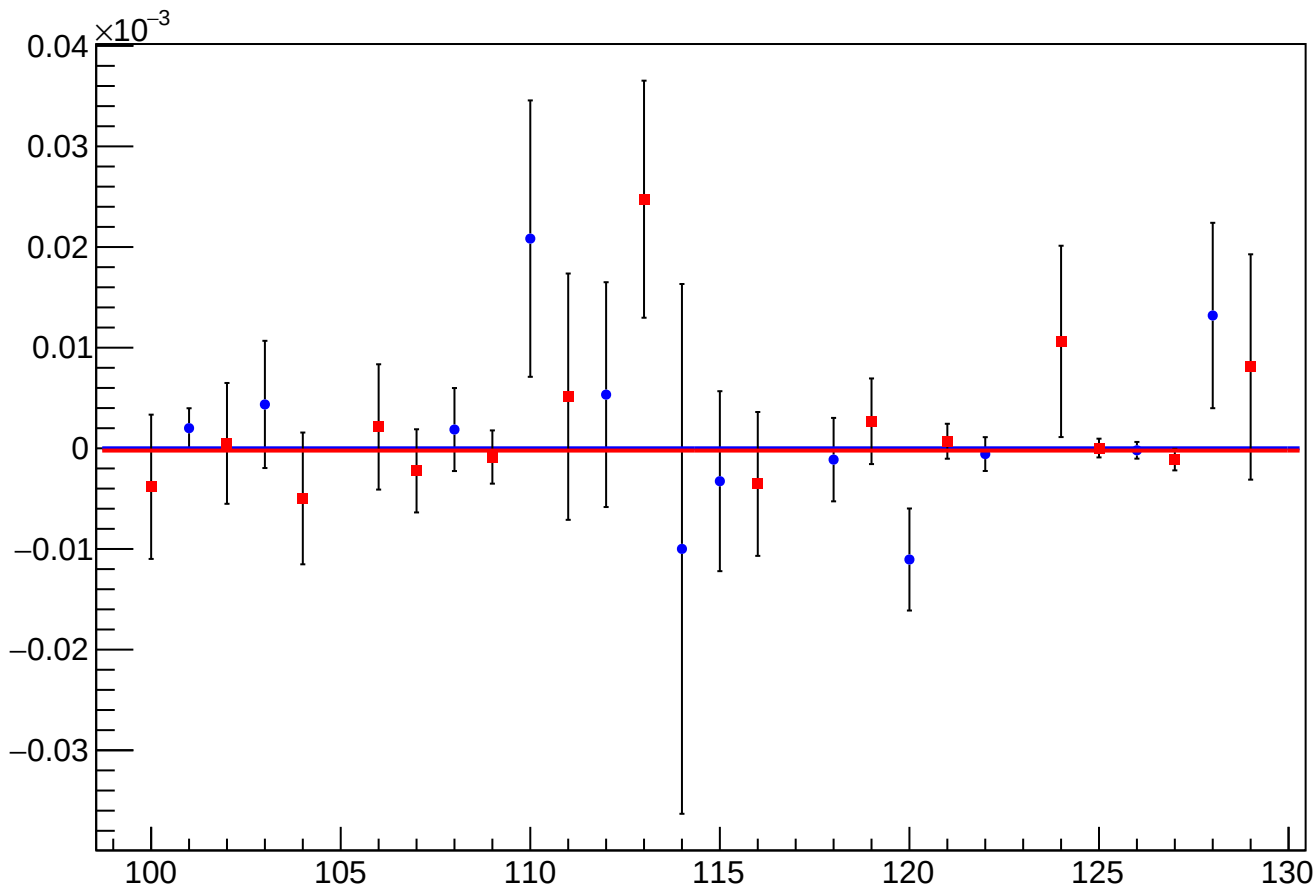
Right: 29.360+/-0.007 χ^2/NDF : 3088025.2/26

In: 29.075+/-0.010 χ^2/NDF : 1645393.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.360+/-0.007 χ^2/NDF : 3088025.2/26

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.6/11

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

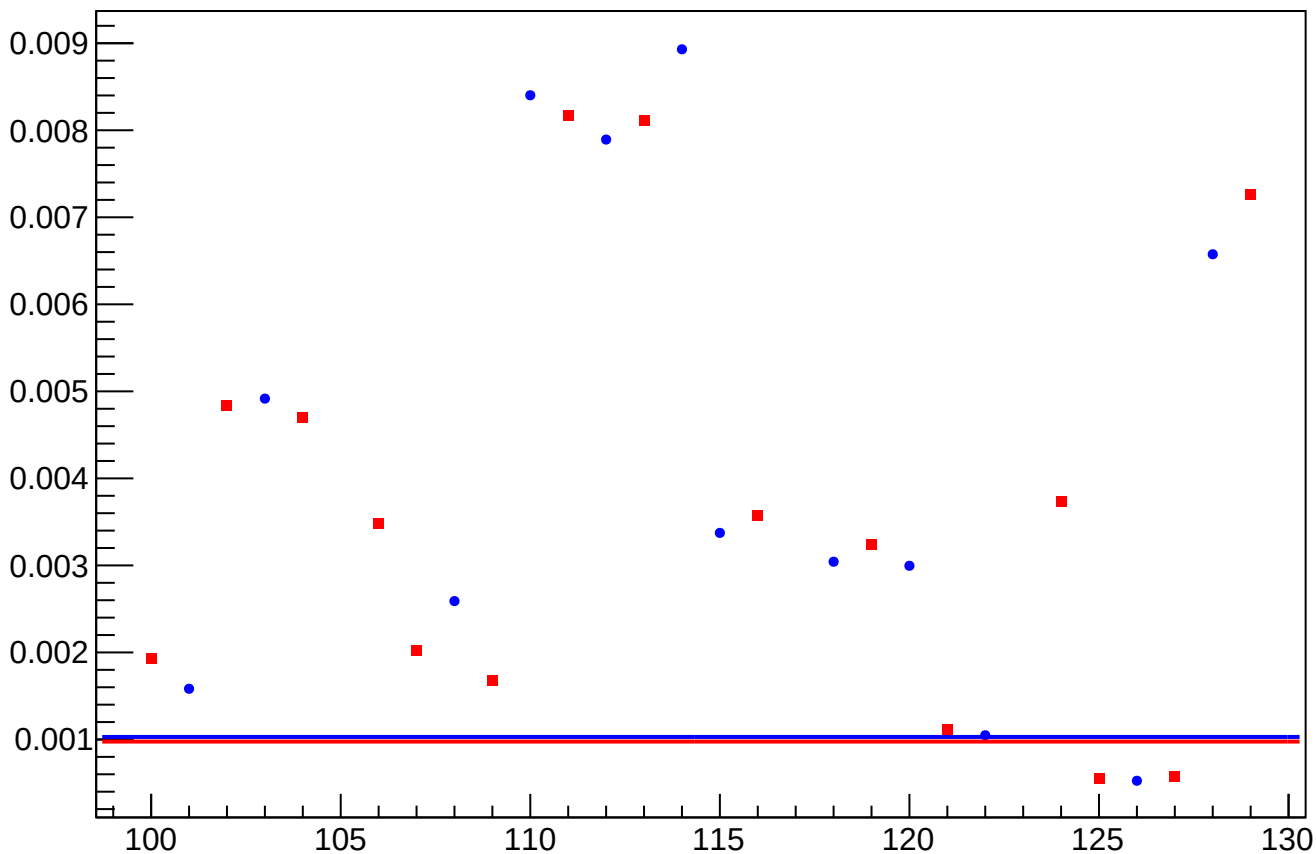
Right: -0.000+/-0.000 χ^2/NDF : 21.1/26

In: 0.000+/-0.000 χ^2/NDF : 11.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.1/26

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 5085171.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 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

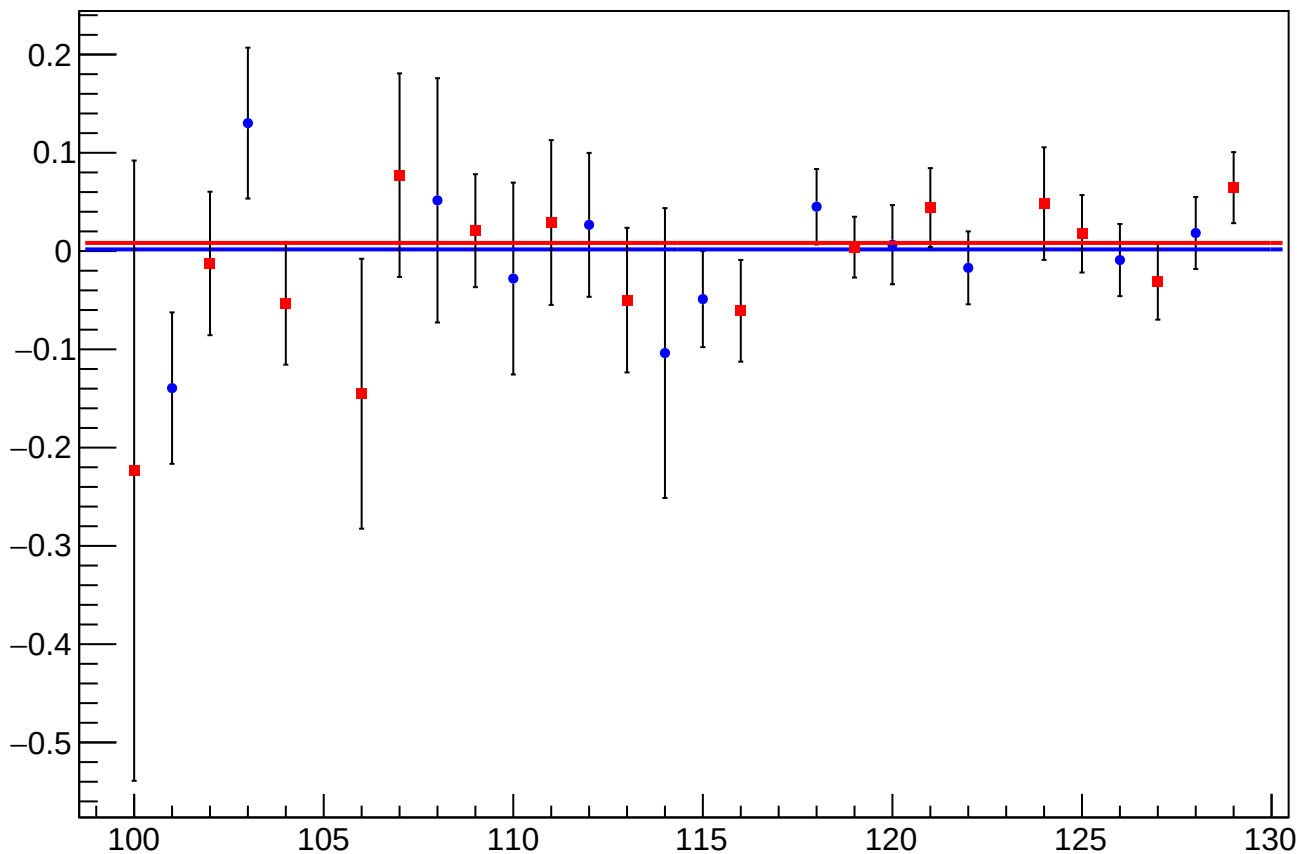
Right: 0.001+/-0.000 χ^2/NDF : 10962607.5/26

In: 0.001+/-0.000 χ^2/NDF :5085171.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 10962607.5/26

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.015 χ^2 /NDF: 10.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.008 $\pm$ 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

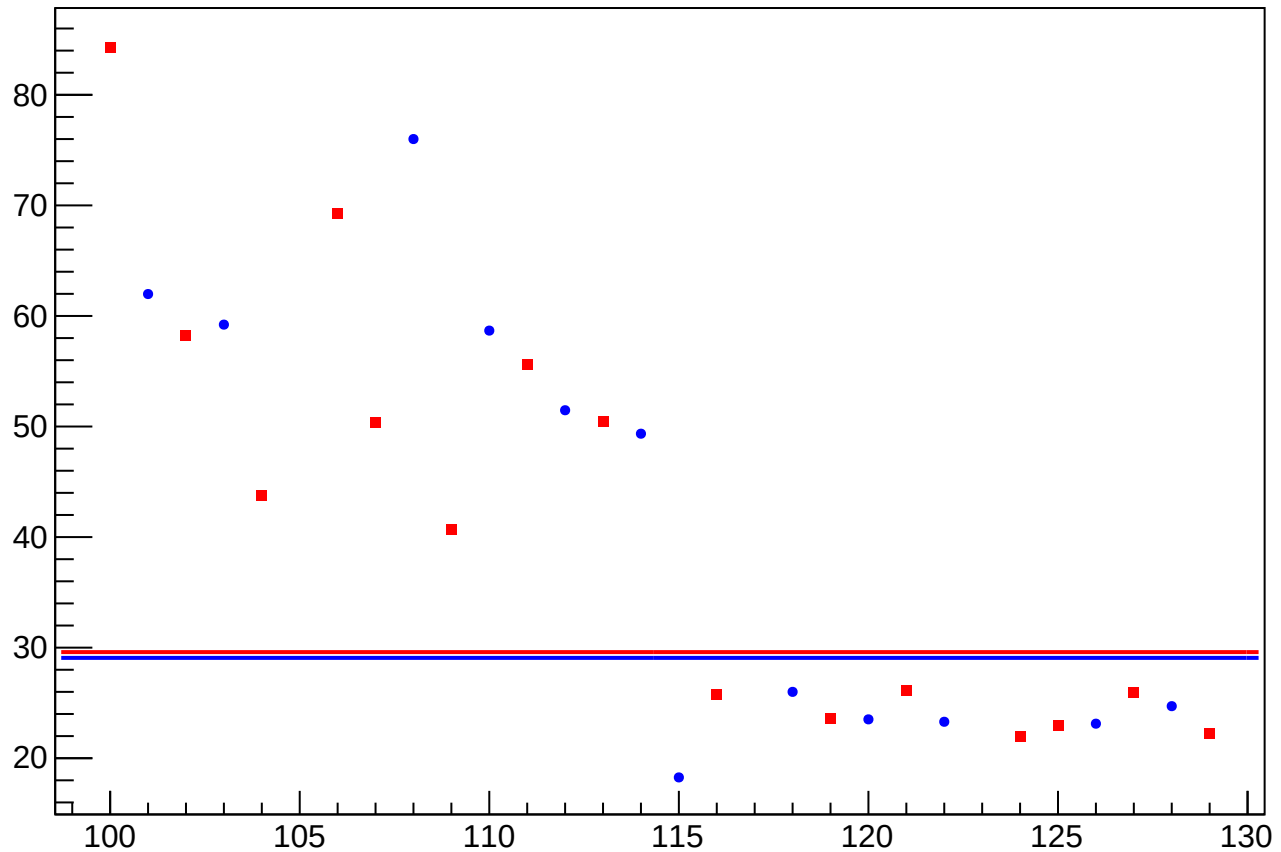
Right: 0.005 $\pm$ 0.010 χ^2 /NDF: 20.6/26

In: 0.002 $\pm$ 0.015 χ^2 /NDF:10.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.005 $\pm$ 0.010 χ^2 /NDF: 20.6/26

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.075+/-0.010 χ^2/NDF : 1645253.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

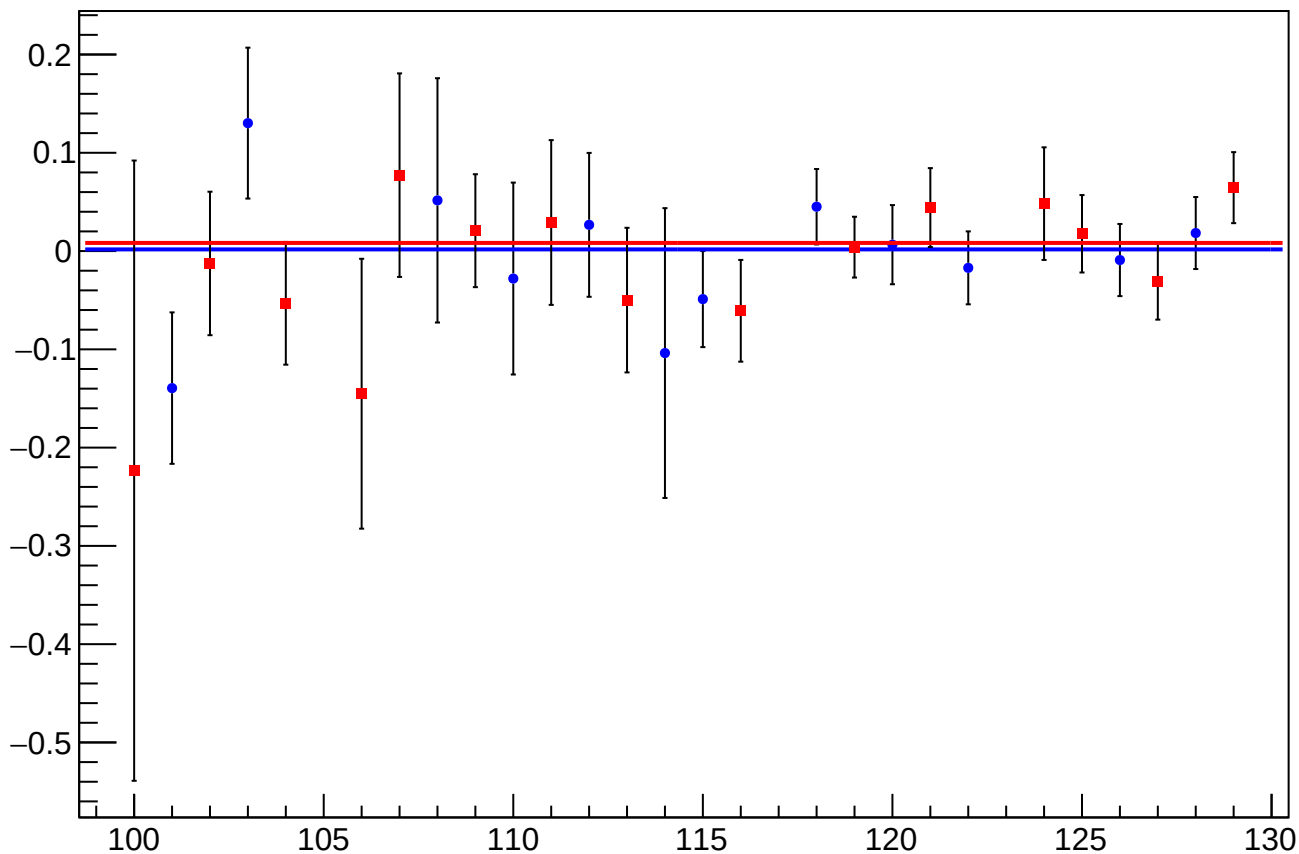
Right: 29.360+/-0.007 χ^2/NDF : 3087769.4/26

In: 29.075+/-0.010 χ^2/NDF : 1645253.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.360+/-0.007 χ^2/NDF : 3087769.4/26

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002+/-0.015 χ^2/NDF : 10.0/11

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

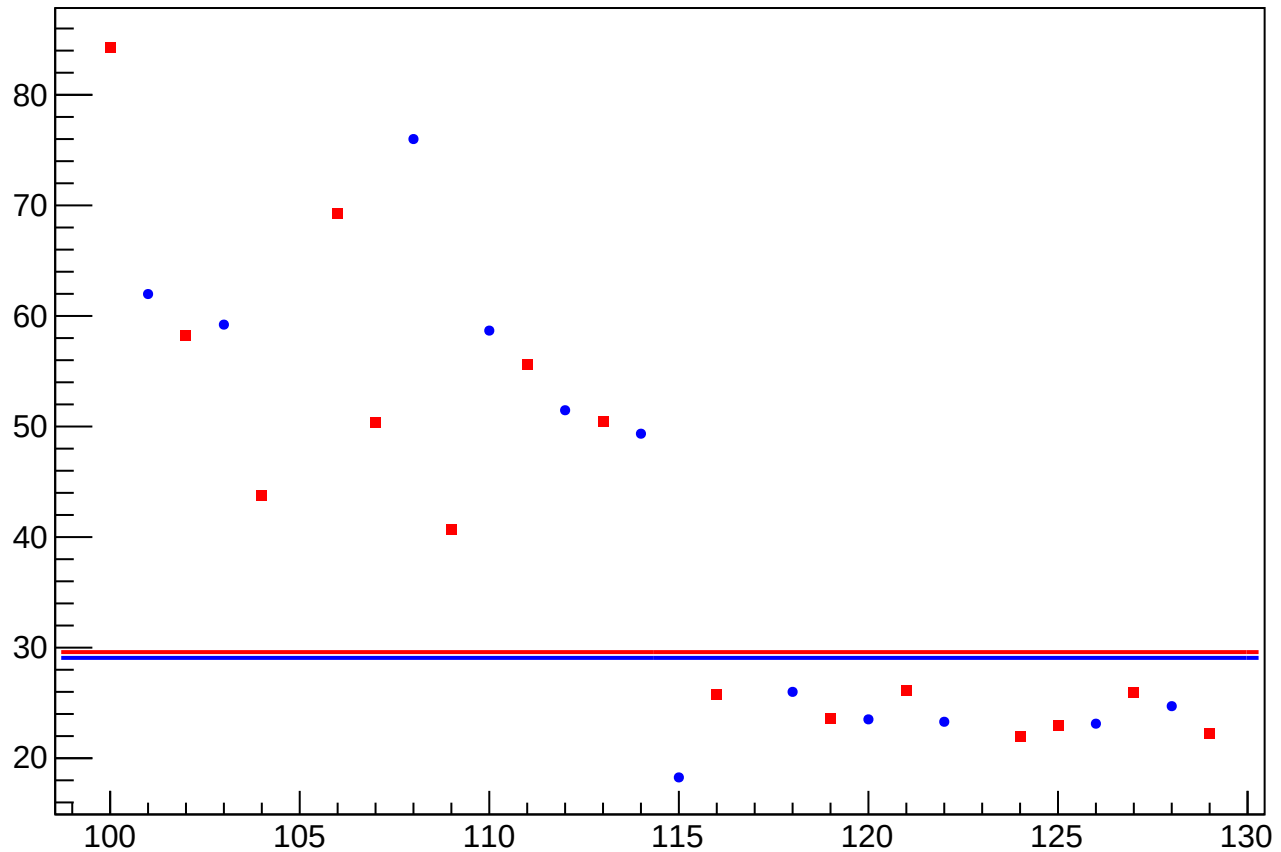
Right: 0.005+/-0.010 χ^2/NDF : 20.6/26

In: 0.002+/-0.015 χ^2/NDF : 10.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.010 χ^2/NDF : 20.6/26

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.075+/-0.010 χ^2/NDF : 1645253.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

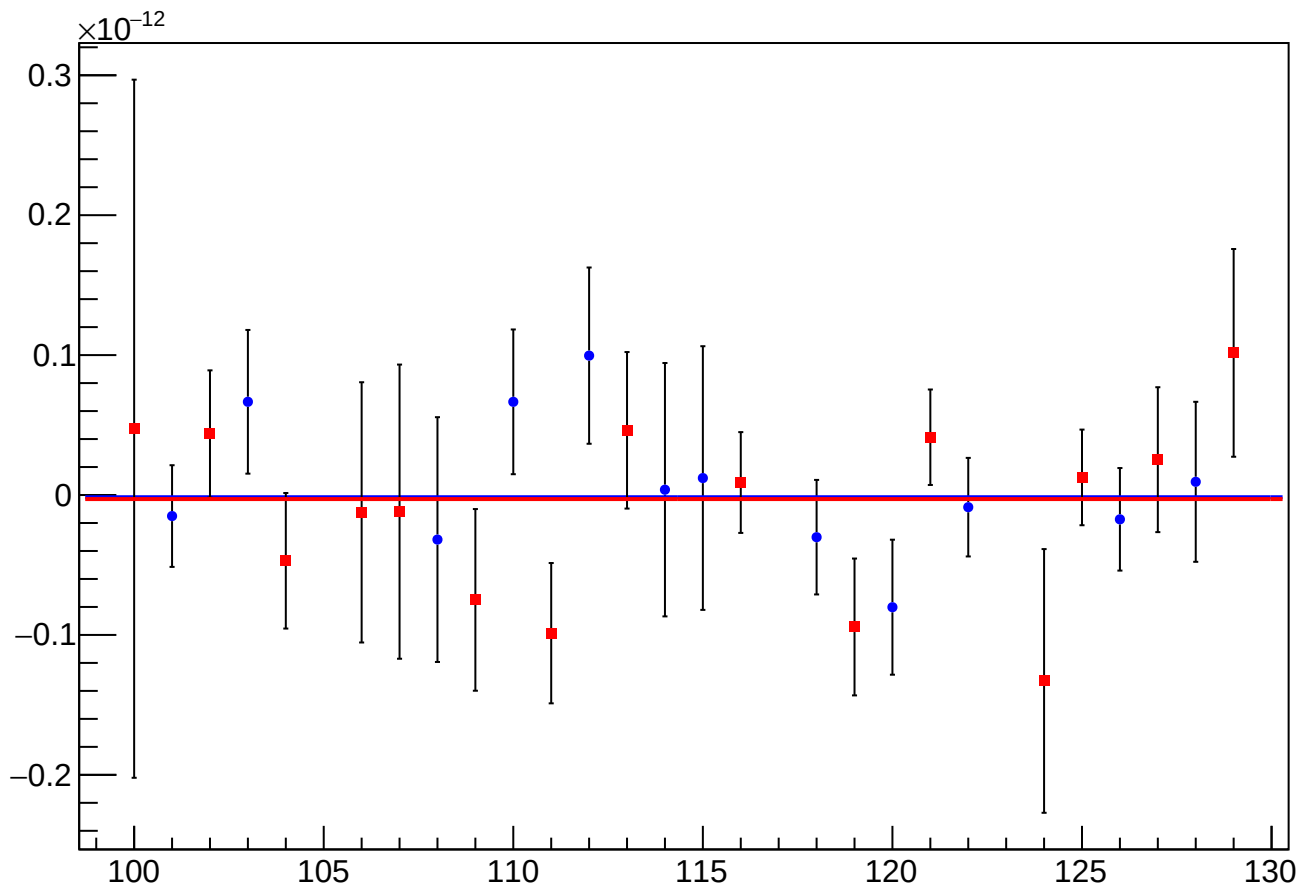
Right: 29.360+/-0.007 χ^2/NDF : 3087769.4/26

In: 29.075+/-0.010 χ^2/NDF : 1645253.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.360+/-0.007 χ^2/NDF : 3087769.4/26

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 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

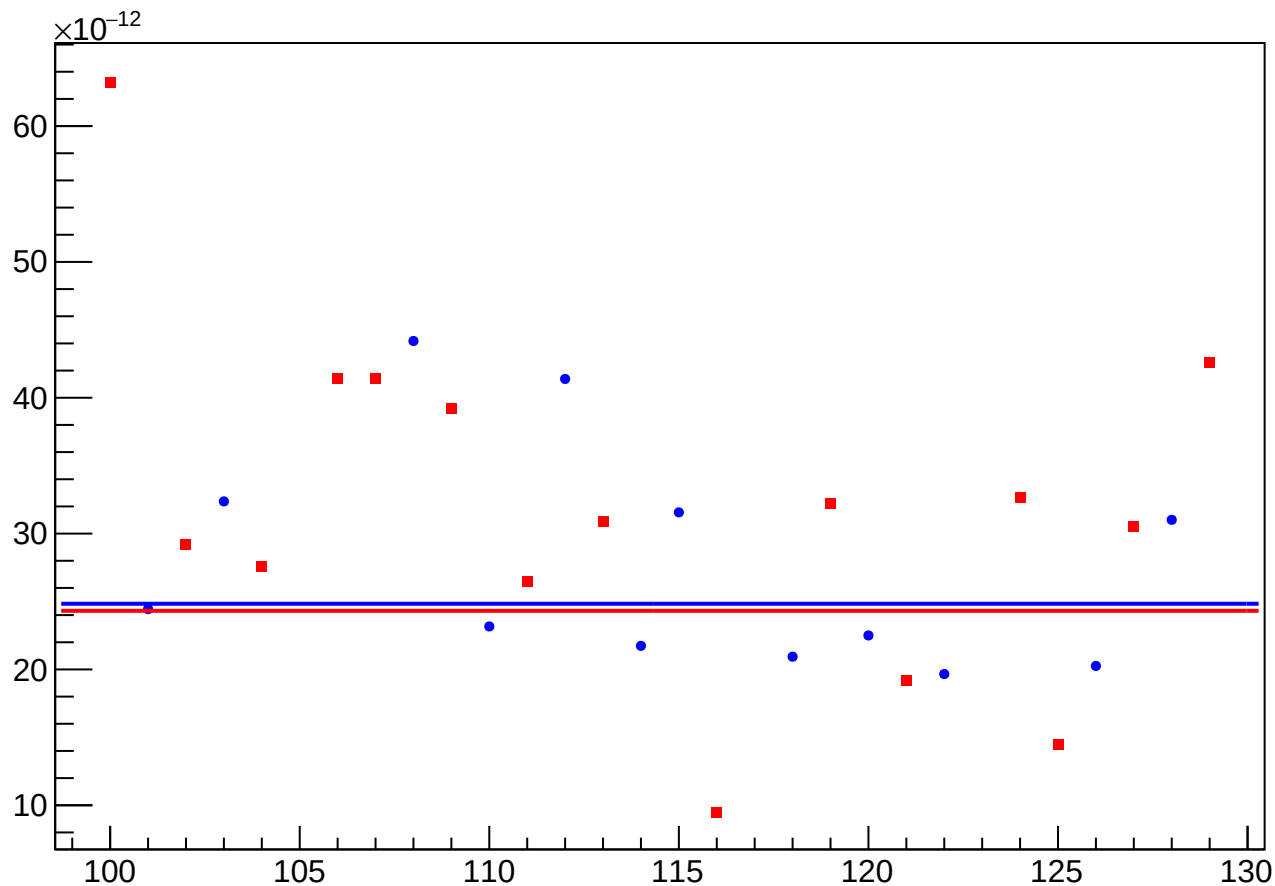
Right: -0.000+/-0.000 χ^2/NDF : 27.0/26

In: -0.000+/-0.000 χ^2/NDF : 9.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.0/26

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 414319.6/11

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

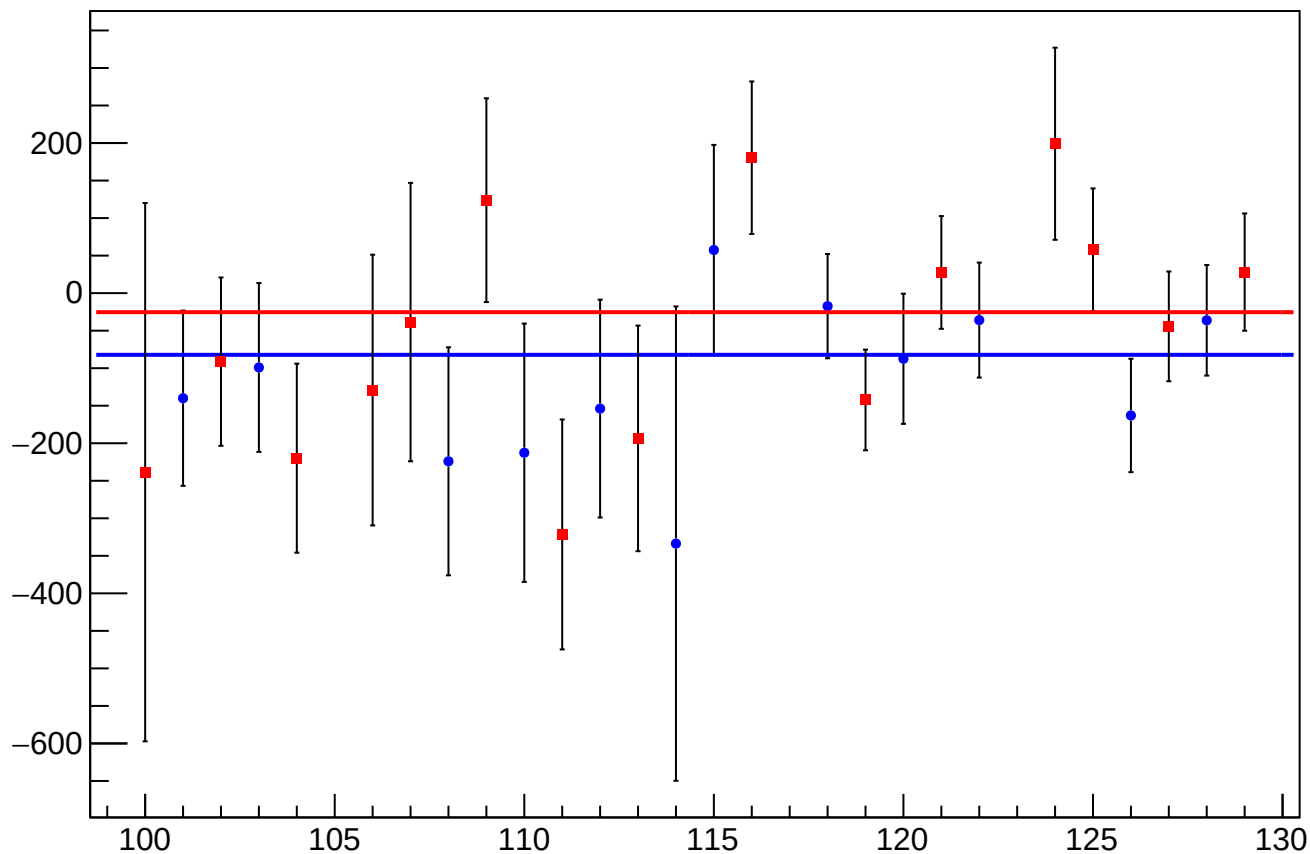
Right: 0.000+/-0.000 χ^2/NDF : 1524421.8/26

In: 0.000+/-0.000 χ^2/NDF : 414319.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1524421.8/26

reg_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -82.184 ± 28.771 χ^2/NDF : 6.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -25.380 ± 26.639 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

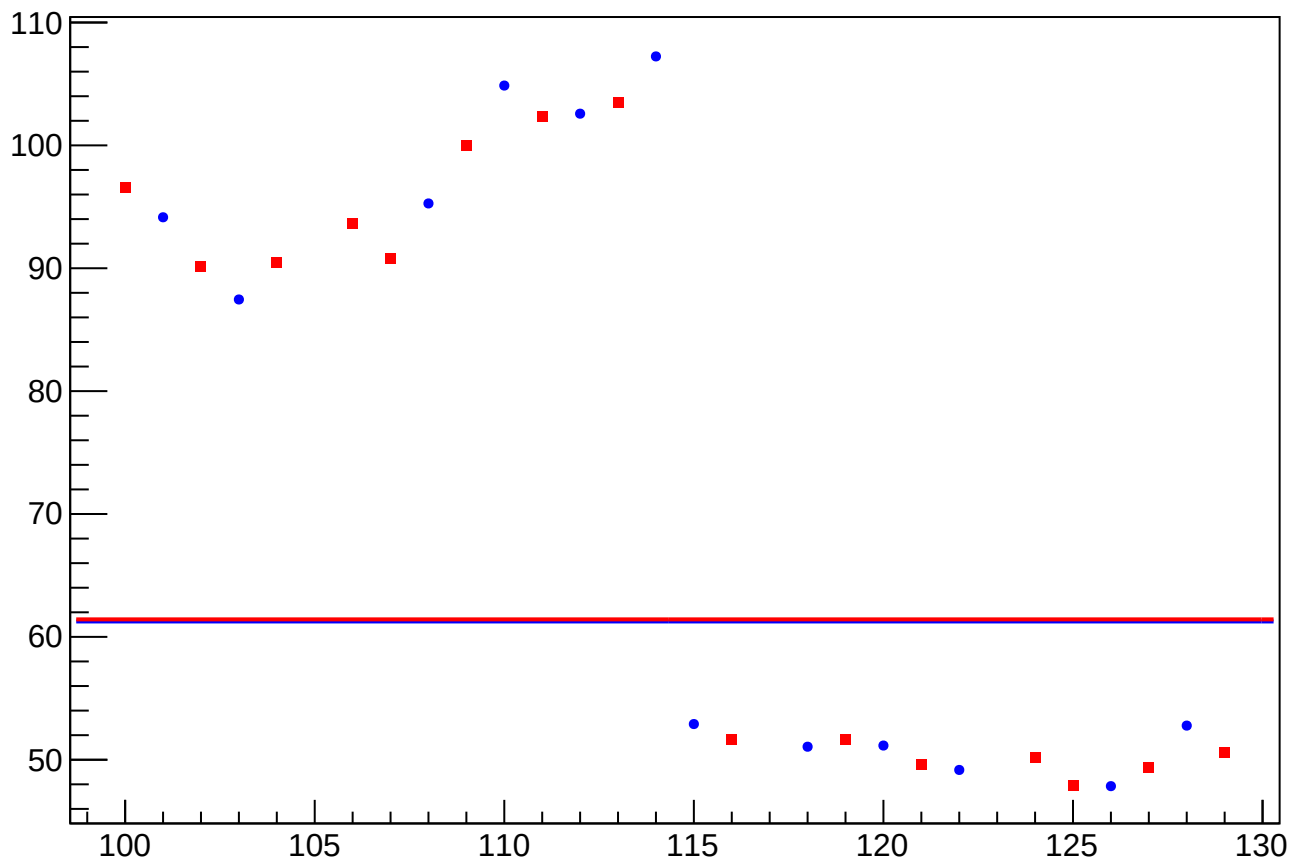
Right: -51.599 ± 19.547 χ^2/NDF : 30.4/26

In: -82.184 ± 28.771 χ^2/NDF : 6.4/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -51.599 ± 19.547 χ^2/NDF : 30.4/26

reg_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 61.255+/-0.020 χ^2/NDF : 916895.3/11

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

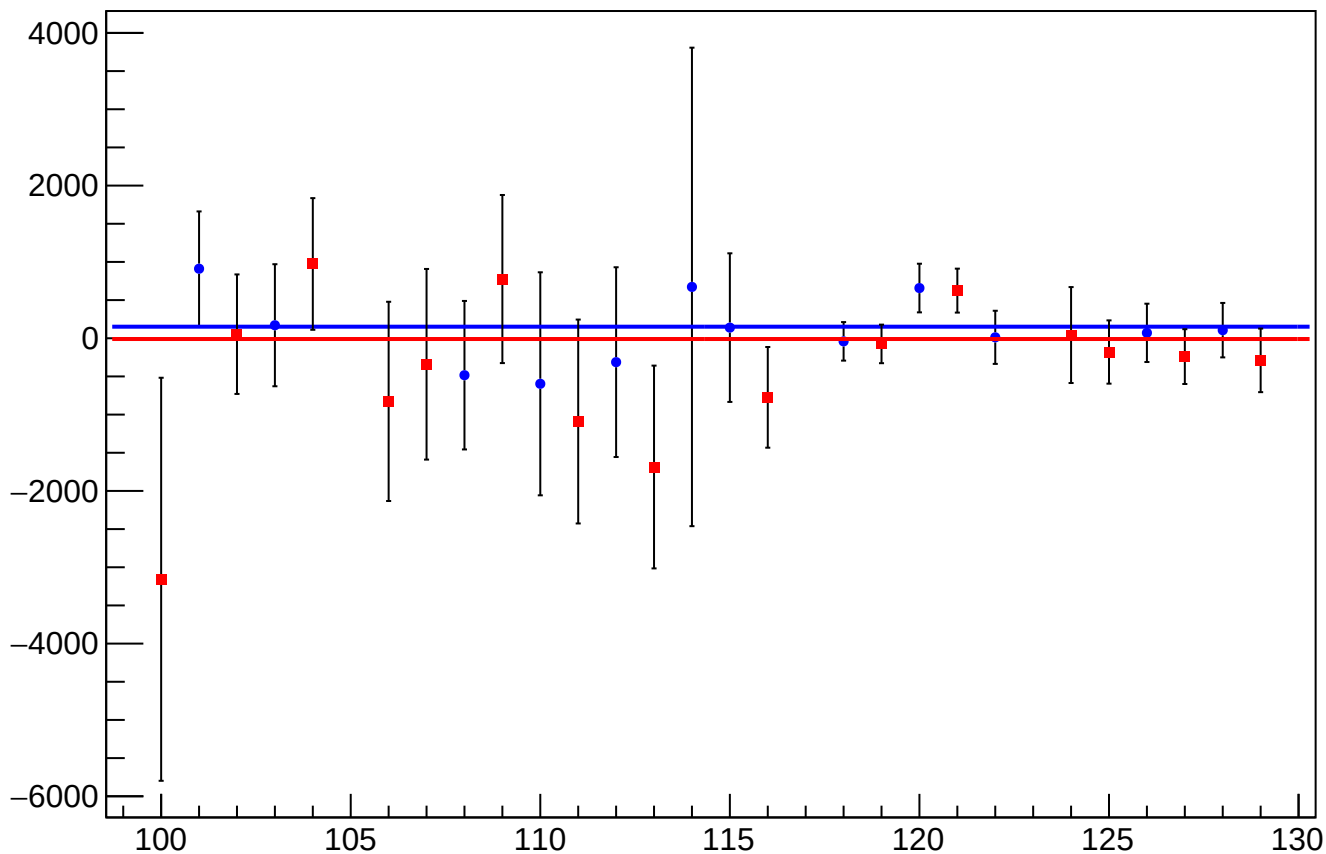
Right: 61.346+/-0.014 χ^2/NDF : 2021227.3/26

In: 61.255+/-0.020 χ^2/NDF : 916895.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.346+/-0.014 χ^2/NDF : 2021227.3/26

asym_sam_37_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 151.594 $\pm$ 134.614 χ^2 /NDF: 5.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -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

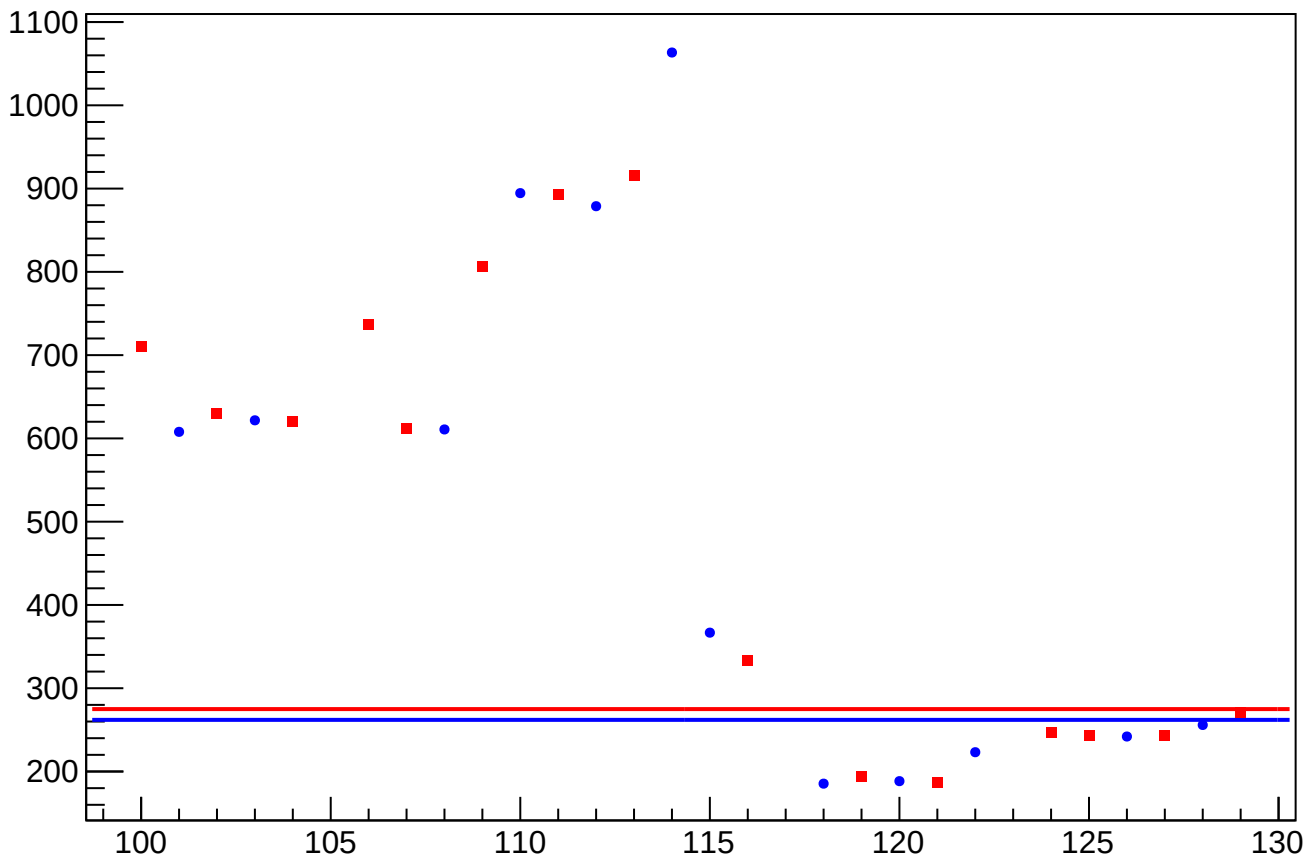
Right: 68.708 $\pm$ 93.907 χ^2 /NDF: 19.2/26

In: 151.594 $\pm$ 134.614 χ^2 /NDF:5.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 68.708 $\pm$ 93.907 χ^2 /NDF: 19.2/26

asym_sam_37_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 262.009+/-0.095 χ^2/NDF : 2429871.0/11

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

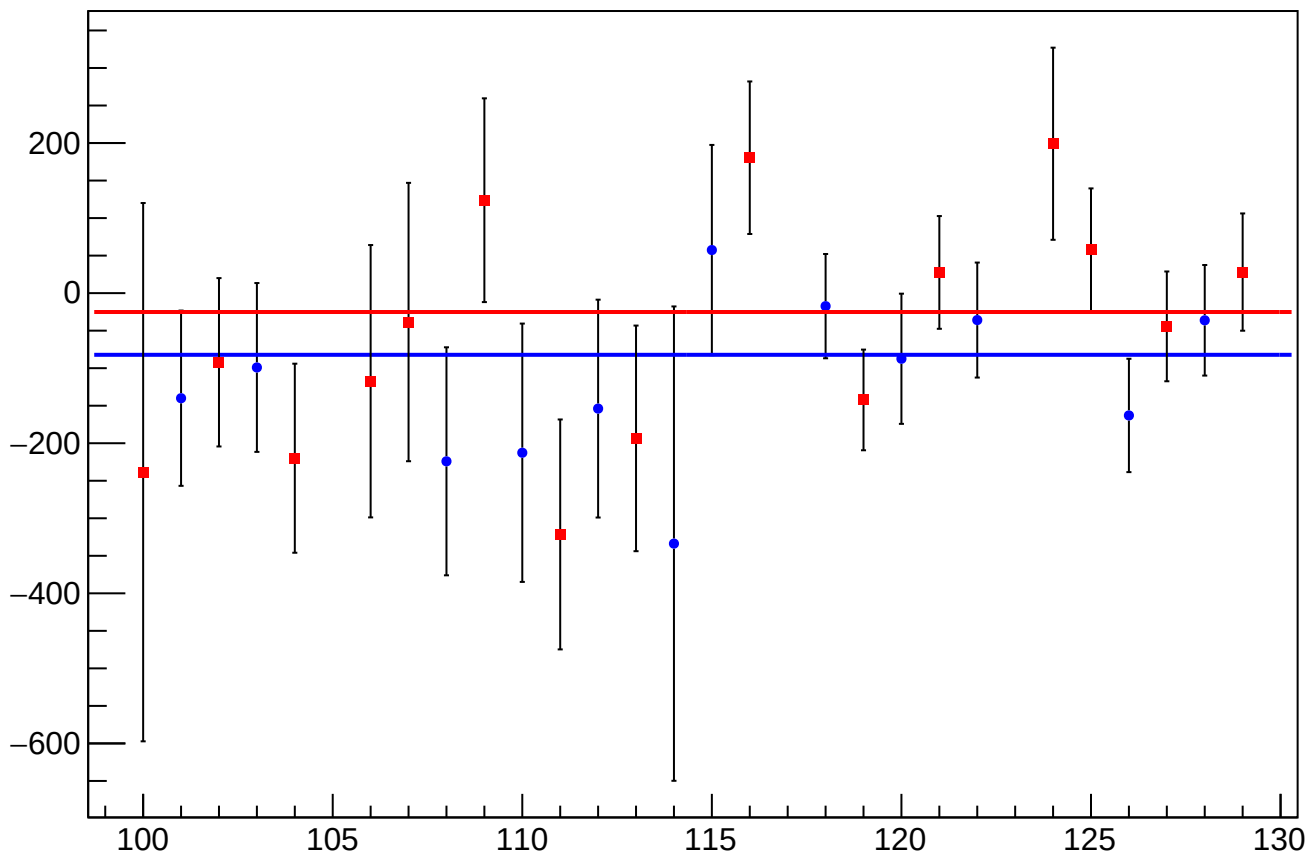
Right: 268.652+/-0.066 χ^2/NDF : 5425582.9/26

In: 262.009+/-0.095 χ^2/NDF : 2429871.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 268.652+/-0.066 χ^2/NDF : 5425582.9/26

cor_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -82.185+/-28.771 χ^2/NDF : 6.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

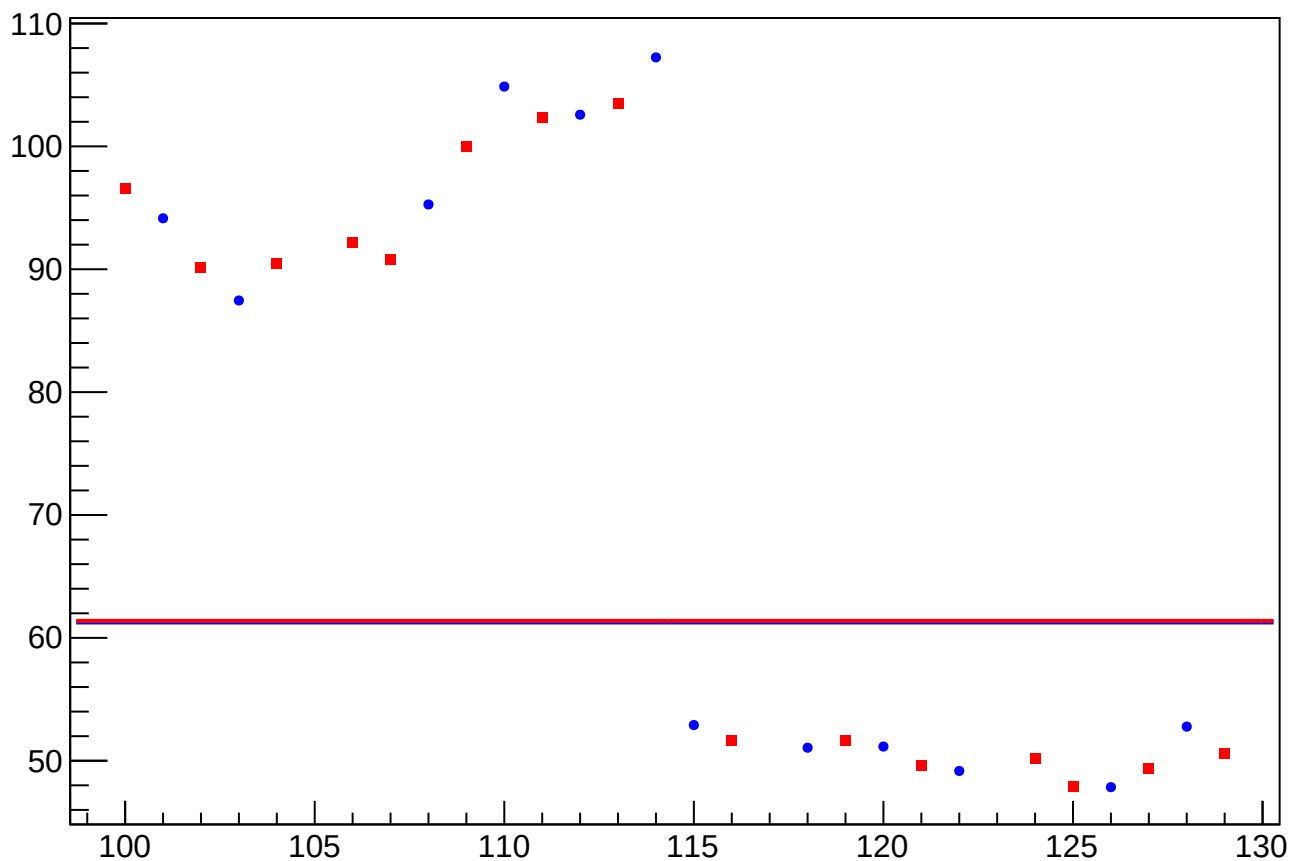
Right: -51.479+/-19.549 χ^2/NDF : 30.3/26

In: -82.185+/-28.771 χ^2/NDF : 6.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -51.479+/-19.549 χ^2/NDF : 30.3/26

cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 61.255+/-0.020 χ^2/NDF : 916895.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

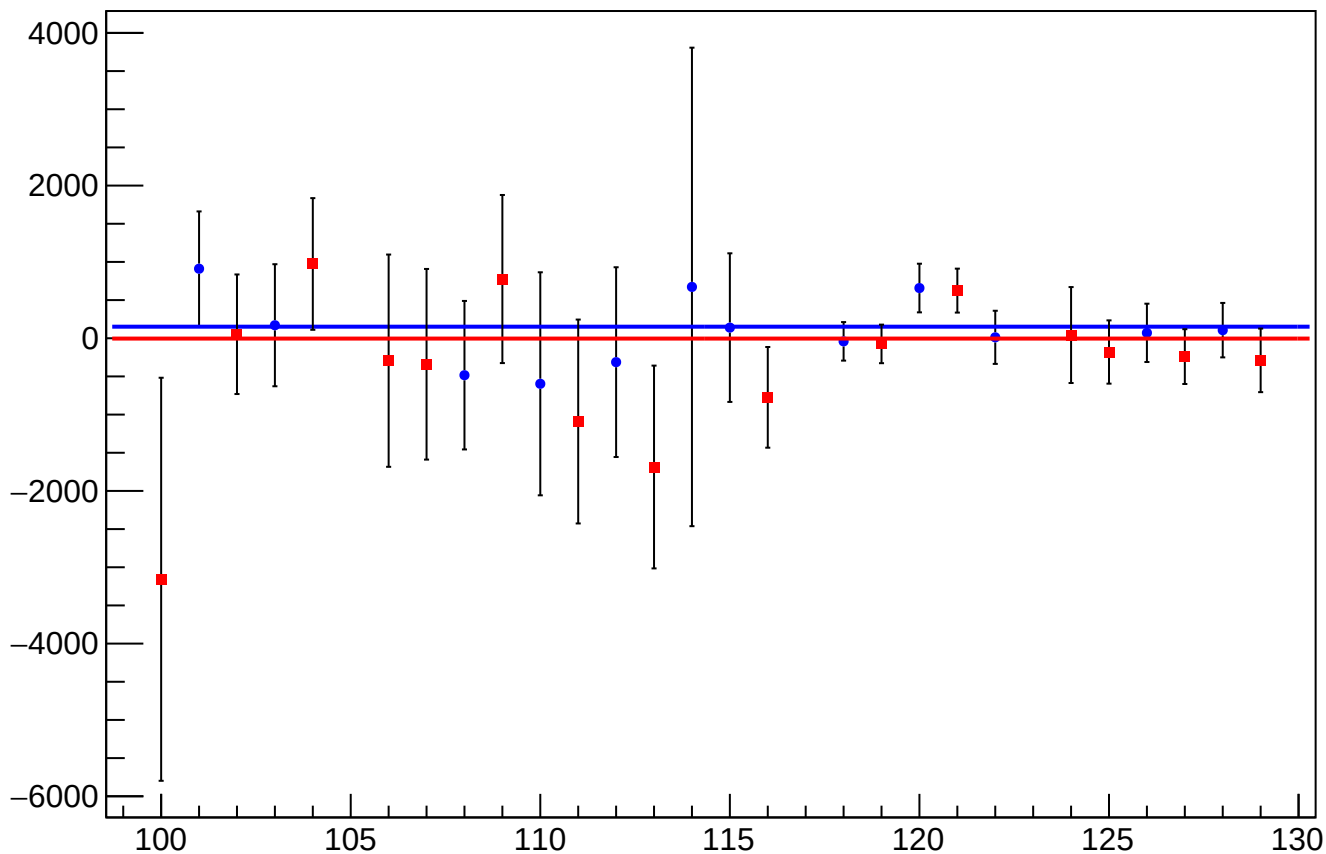
Right: 61.324+/-0.014 χ^2/NDF : 2014718.0/26

In: 61.255+/-0.020 χ^2/NDF : 916895.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.324+/-0.014 χ^2/NDF : 2014718.0/26

asym_sam_37_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 151.589+/-134.614 χ^2/NDF : 5.2/11

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

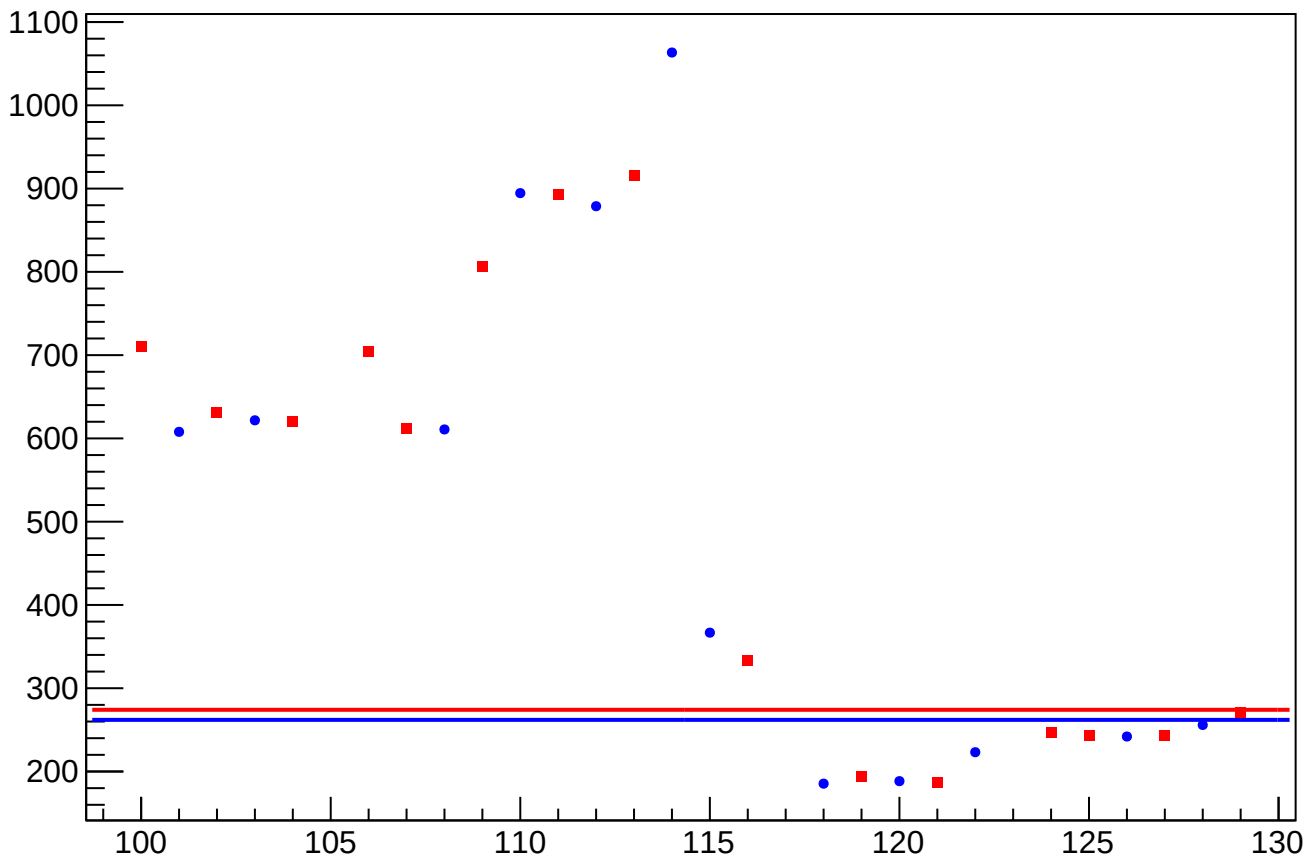
Right: 71.674+/-93.936 χ^2/NDF : 18.8/26

In: 151.589+/-134.614 χ^2/NDF : 5.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.674+/-93.936 χ^2/NDF : 18.8/26

asym_sam_37_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 262.008+/-0.095 χ^2/NDF : 2429887.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 274.110+/-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

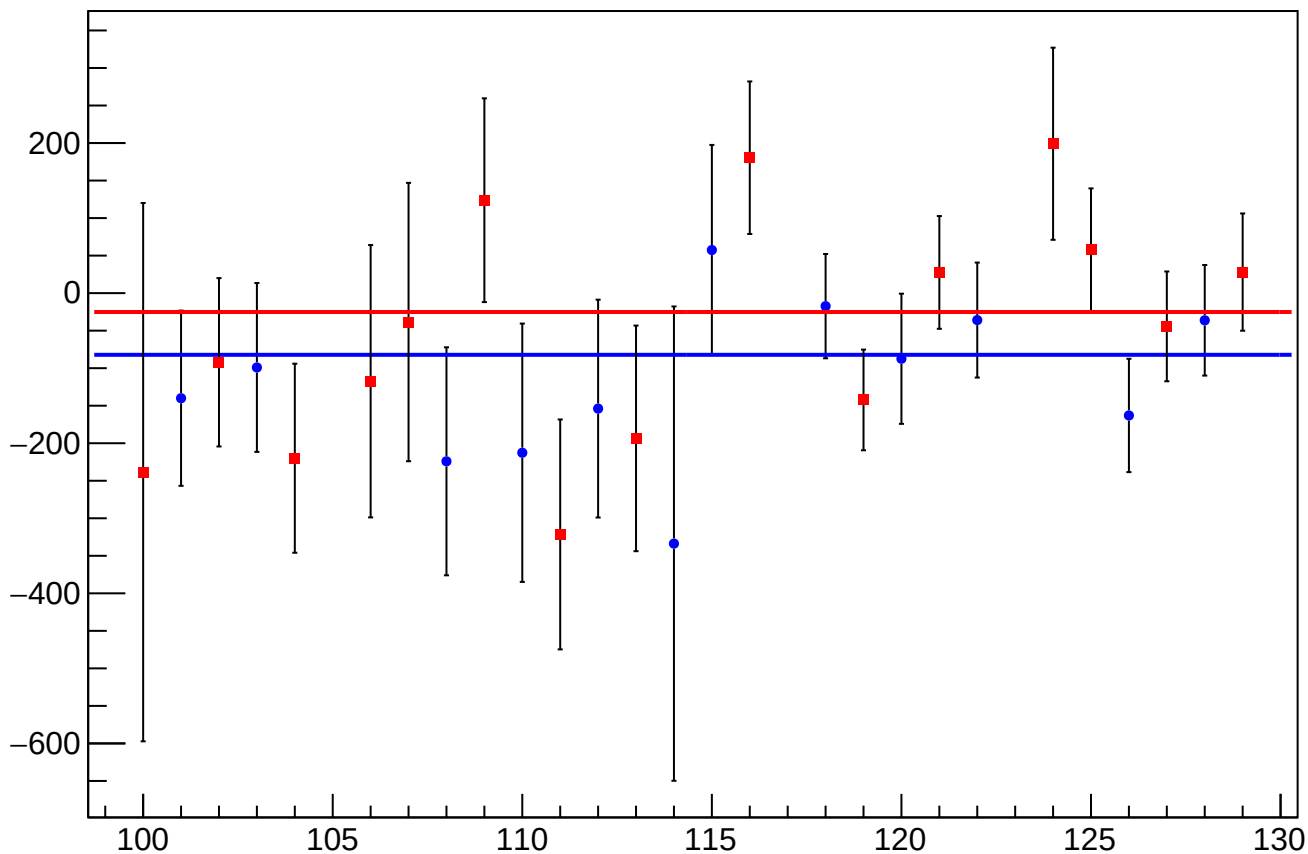
Right: 268.217+/-0.066 χ^2/NDF : 5365289.7/26

In: 262.008+/-0.095 χ^2/NDF : 2429887.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 268.217+/-0.066 χ^2/NDF : 5365289.7/26

eigen_cor_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -82.185 ± 28.771 χ^2/NDF : 6.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

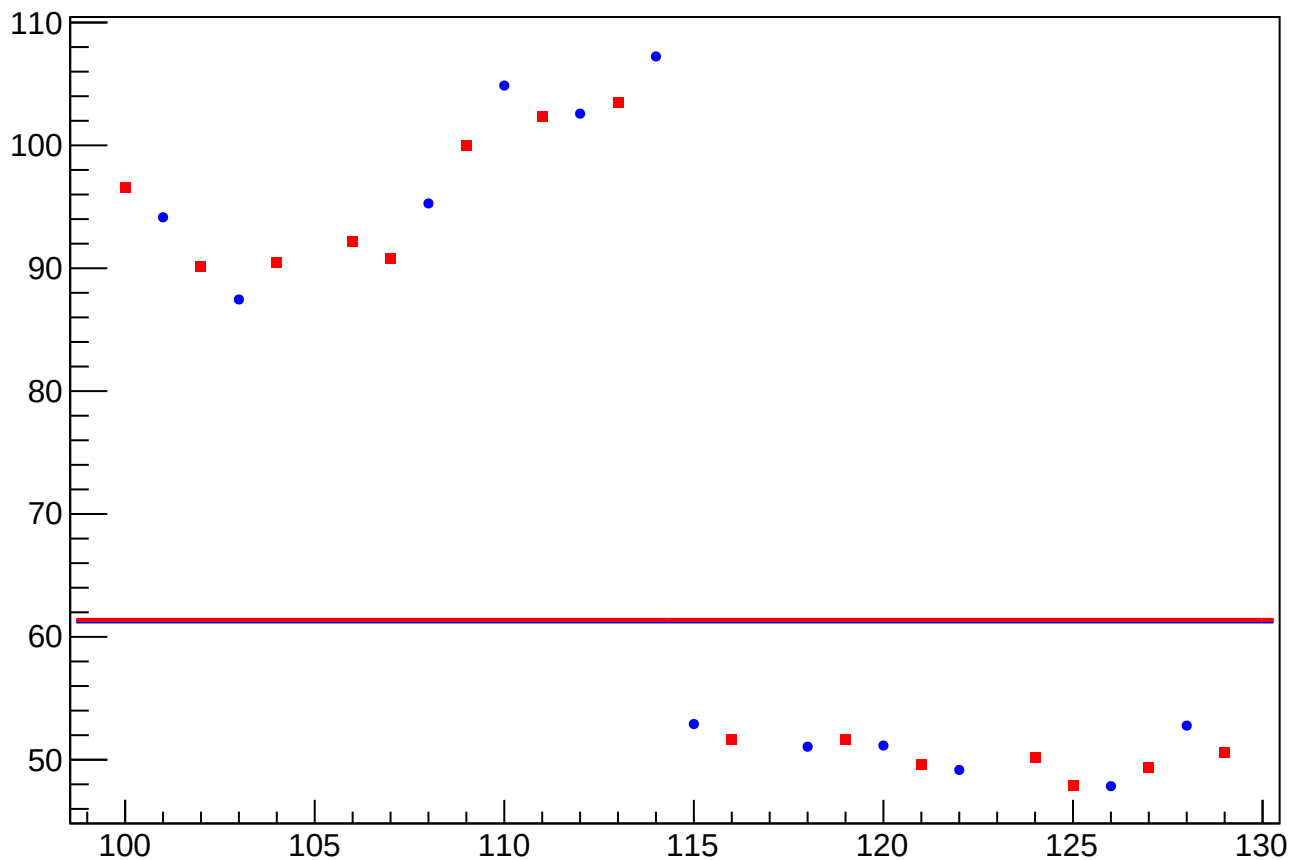
Right: -51.479 ± 19.549 χ^2/NDF : 30.3/26

In: -82.185 ± 28.771 χ^2/NDF : 6.4/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -51.479 ± 19.549 χ^2/NDF : 30.3/26

eigen_cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 61.255+/-0.020 χ^2/NDF : 916895.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

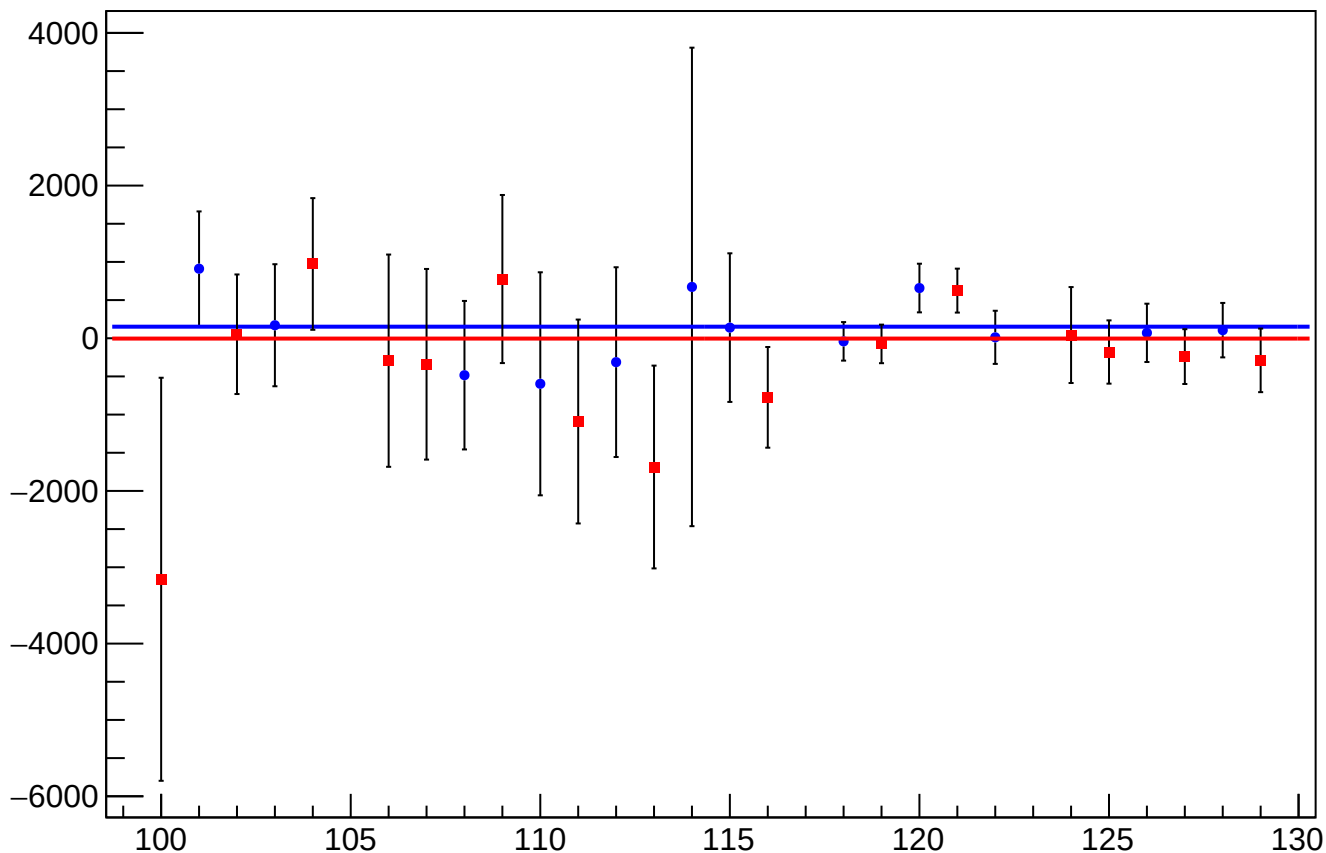
Right: 61.324+/-0.014 χ^2/NDF : 2014718.0/26

In: 61.255+/-0.020 χ^2/NDF : 916895.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.324+/-0.014 χ^2/NDF : 2014718.0/26

asym_sam_37_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 151.589 $\pm$ 134.614 χ^2 /NDF: 5.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -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

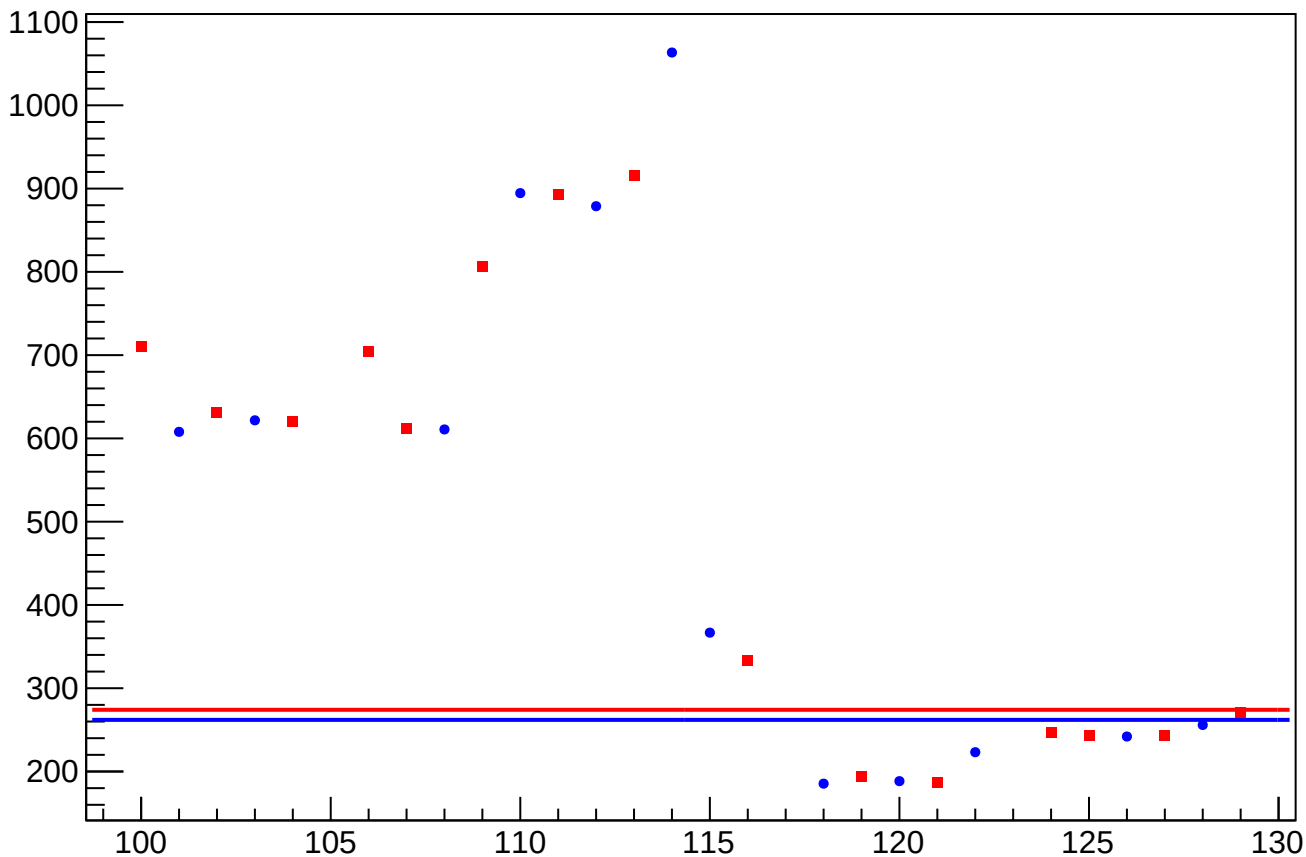
Right: 71.674 $\pm$ 93.936 χ^2 /NDF: 18.8/26

In: 151.589 $\pm$ 134.614 χ^2 /NDF:5.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 71.674 $\pm$ 93.936 χ^2 /NDF: 18.8/26

asym_sam_37_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 262.008+/-0.095 χ^2/NDF : 2429887.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 274.110+/-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

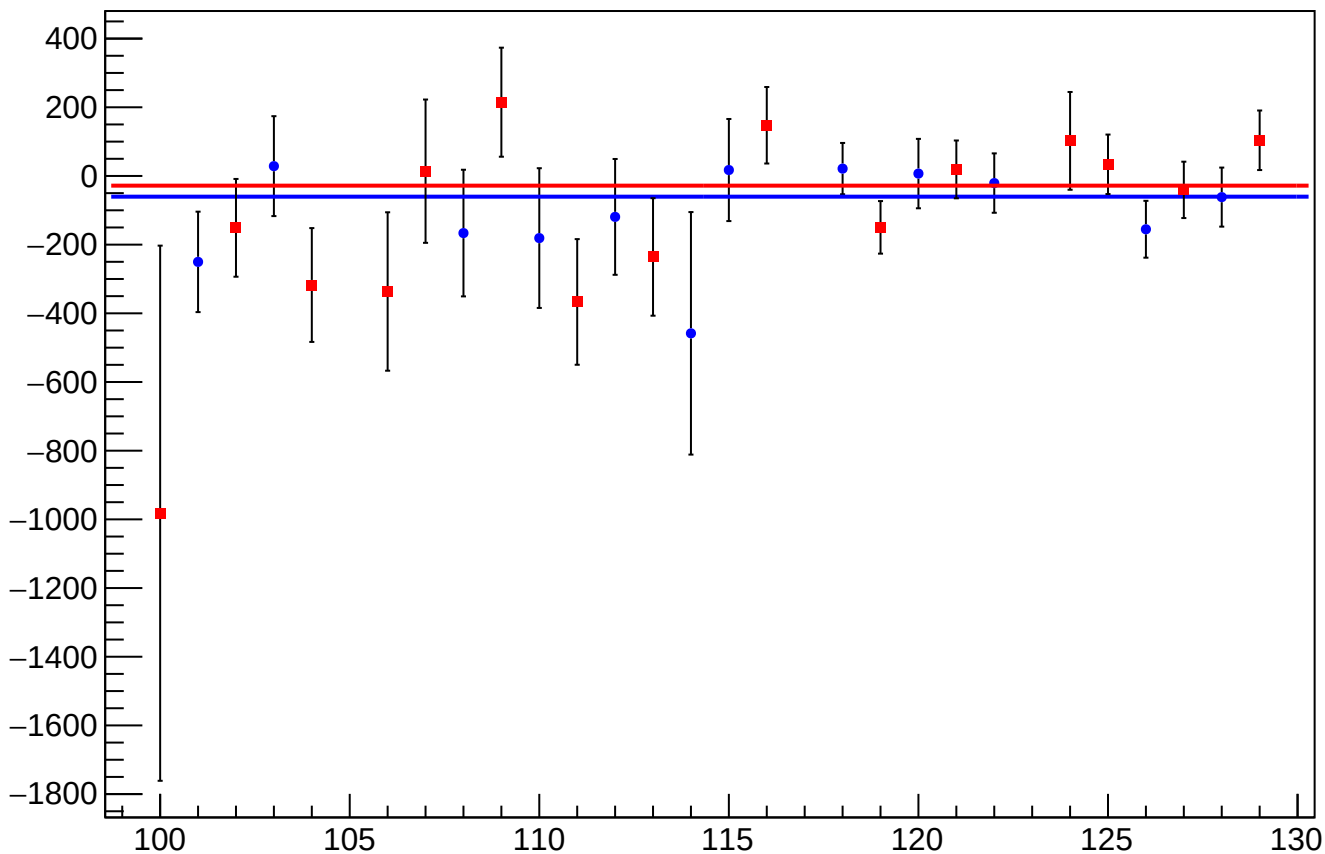
Right: 268.217+/-0.066 χ^2/NDF : 5365289.7/26

In: 262.008+/-0.095 χ^2/NDF : 2429887.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 268.217+/-0.066 χ^2/NDF : 5365289.7/26

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -60.294 ± 32.829 χ^2/NDF : 7.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -28.208 ± 30.295 χ^2/NDF : 23.4/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

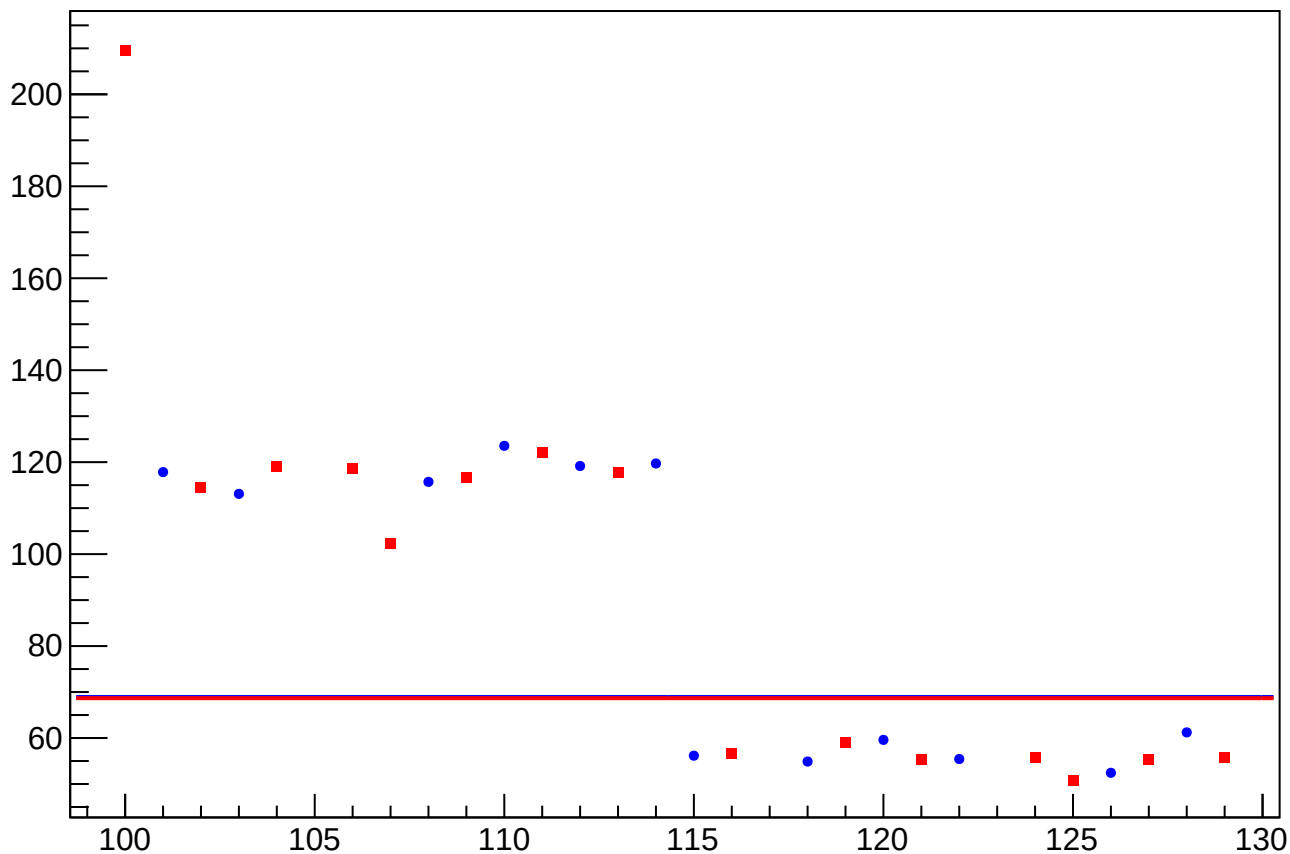
Right: -42.965 ± 22.264 χ^2/NDF : 31.5/26

In: -60.294 ± 32.829 χ^2/NDF : 7.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -42.965 ± 22.264 χ^2/NDF : 31.5/26

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 68.914+/-0.023 χ^2/NDF : 1146294.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

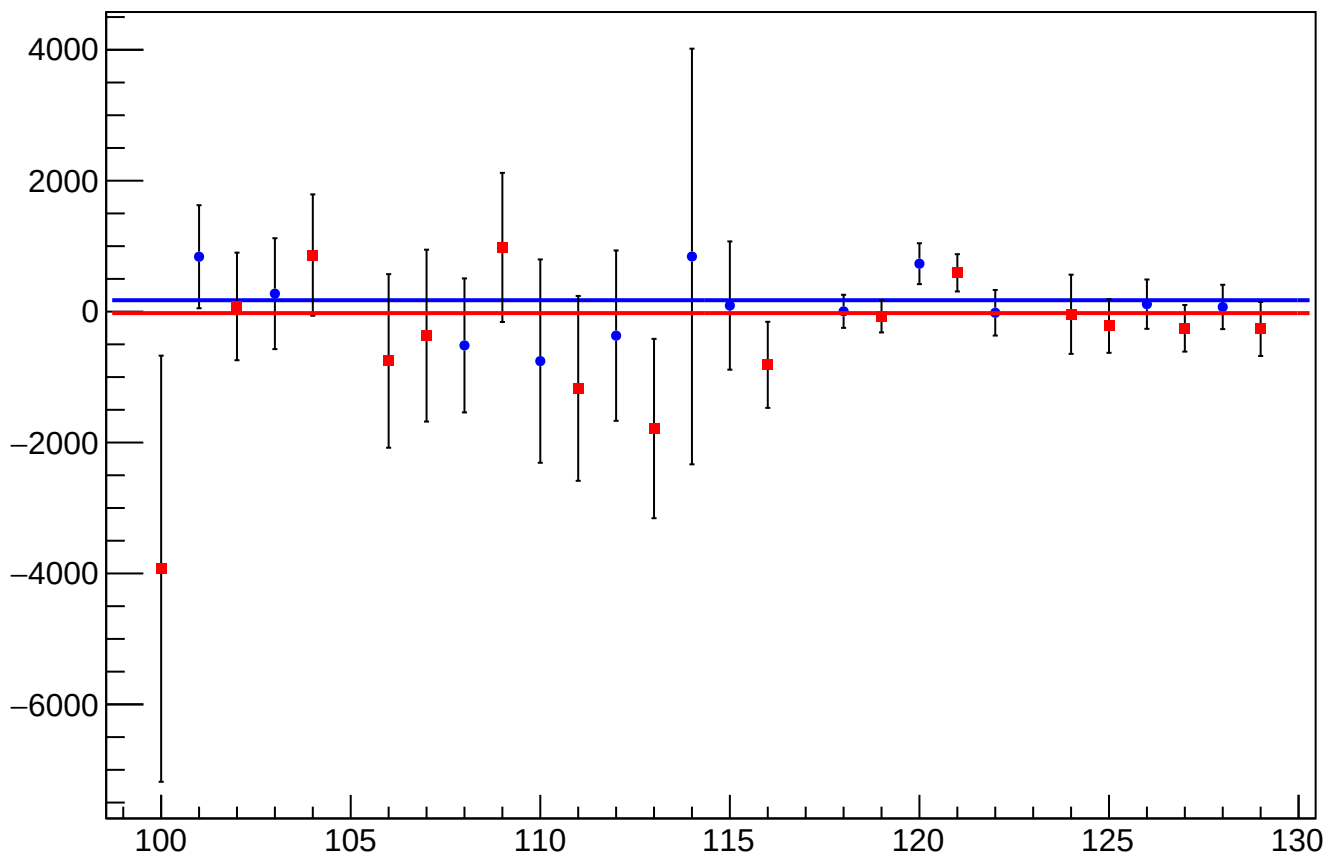
Right: 68.779+/-0.016 χ^2/NDF : 2573461.5/26

In: 68.914+/-0.023 χ^2/NDF : 1146294.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.779+/-0.016 χ^2/NDF : 2573461.5/26

asym_sam_37_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 174.092 $\pm$ 133.632 χ^2 /NDF: 5.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -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

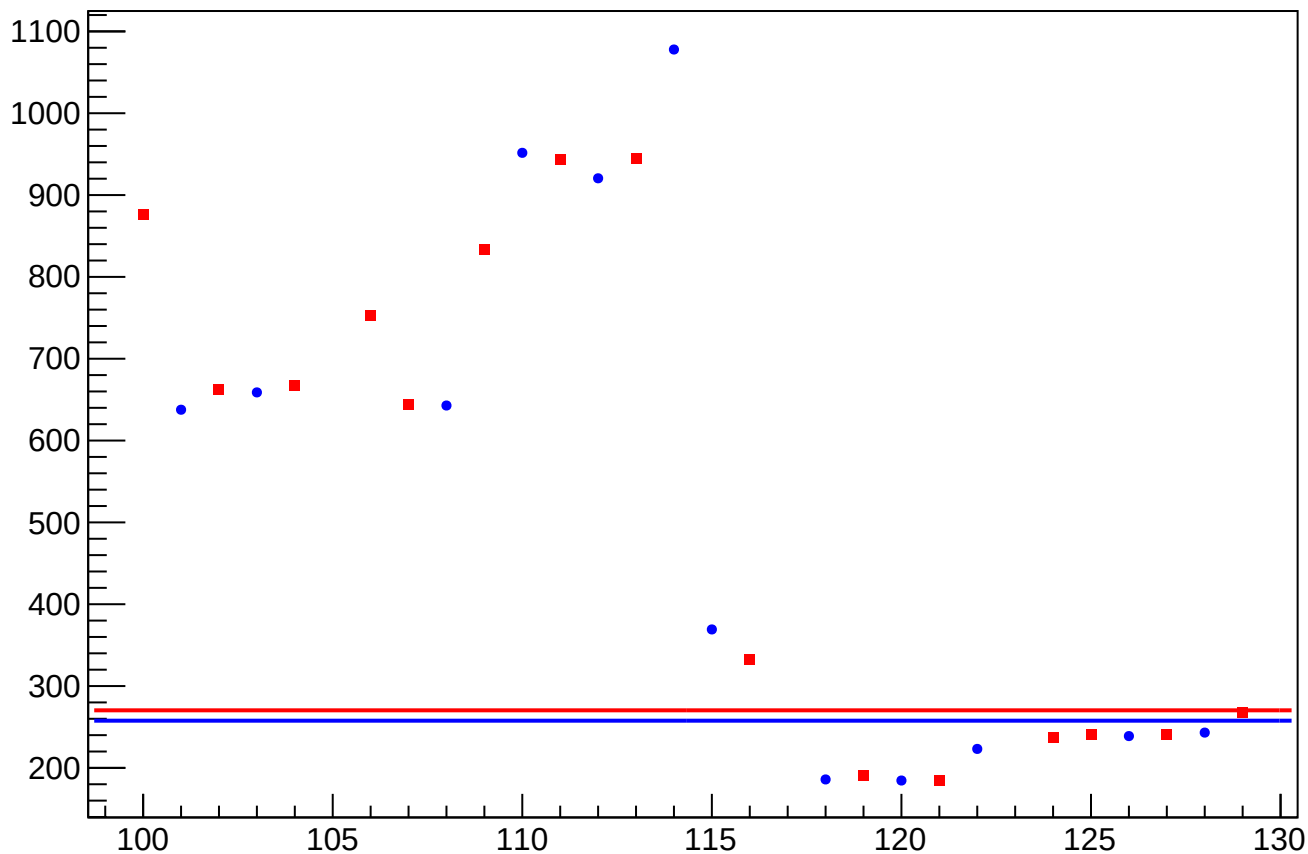
Right: 73.049 $\pm$ 93.253 χ^2 /NDF: 19.9/26

In: 174.092 $\pm$ 133.632 χ^2 /NDF:5.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 73.049 $\pm$ 93.253 χ^2 /NDF: 19.9/26

asym_sam_37_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 257.682+/-0.094 χ^2/NDF : 2574150.2/11

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

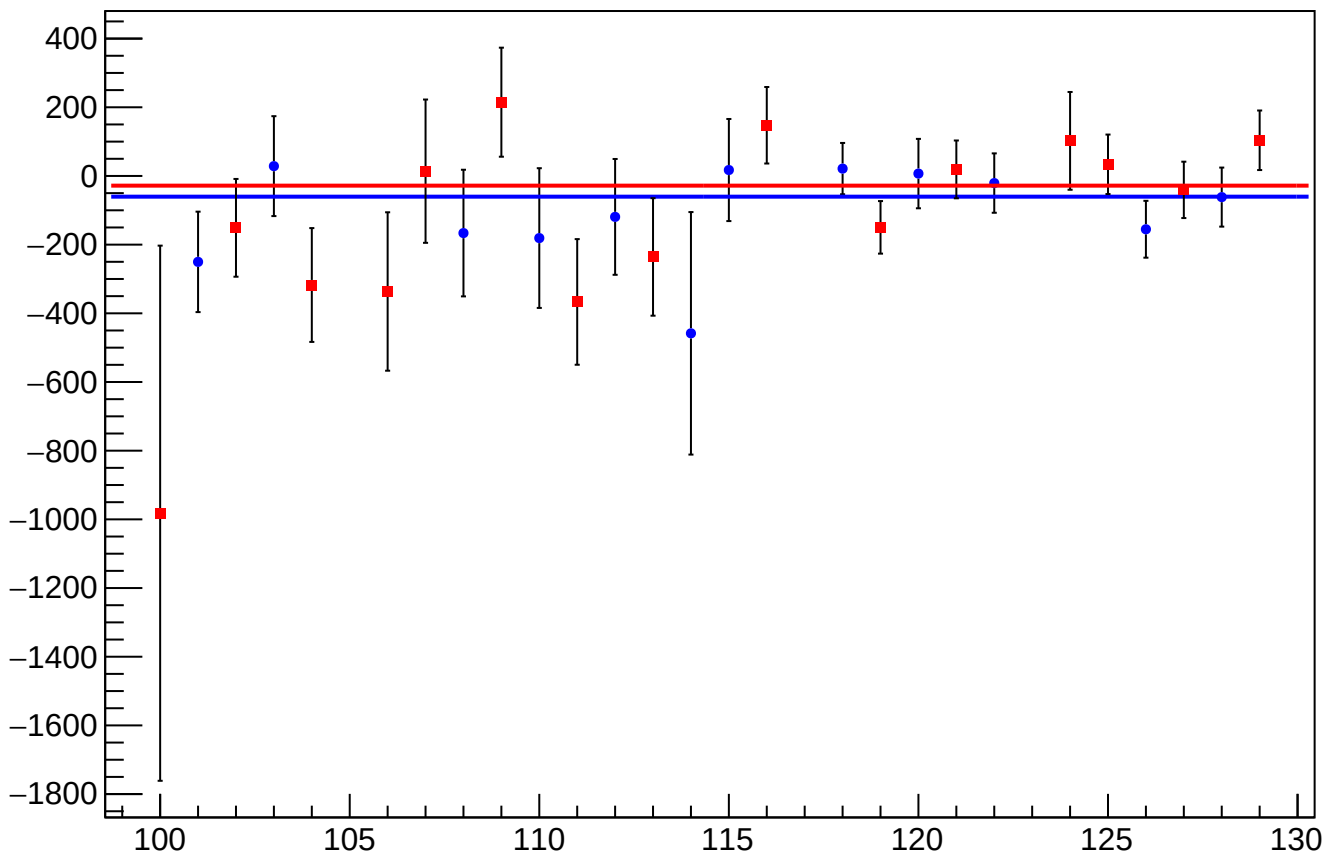
Right: 264.176+/-0.066 χ^2/NDF : 5764247.4/26

In: 257.682+/-0.094 χ^2/NDF : 2574150.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 264.176+/-0.066 χ^2/NDF : 5764247.4/26

eigen_dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -60.293 ± 32.829 χ^2/NDF : 7.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -28.211 ± 30.295 χ^2/NDF : 23.4/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

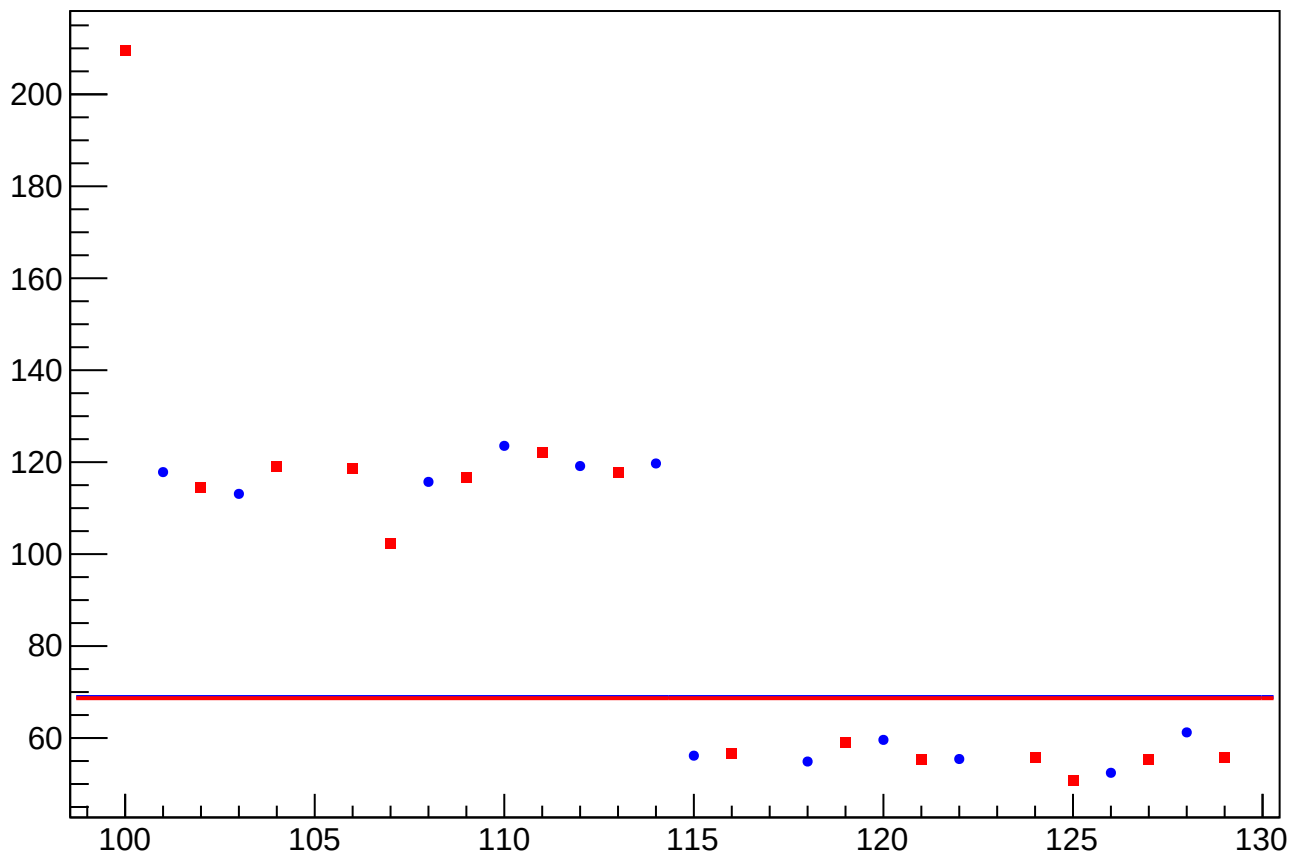
Right: -42.966 ± 22.264 χ^2/NDF : 31.5/26

In: -60.293 ± 32.829 χ^2/NDF : 7.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -42.966 ± 22.264 χ^2/NDF : 31.5/26

eigen_dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 68.913+/-0.023 χ^2/NDF : 1146274.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

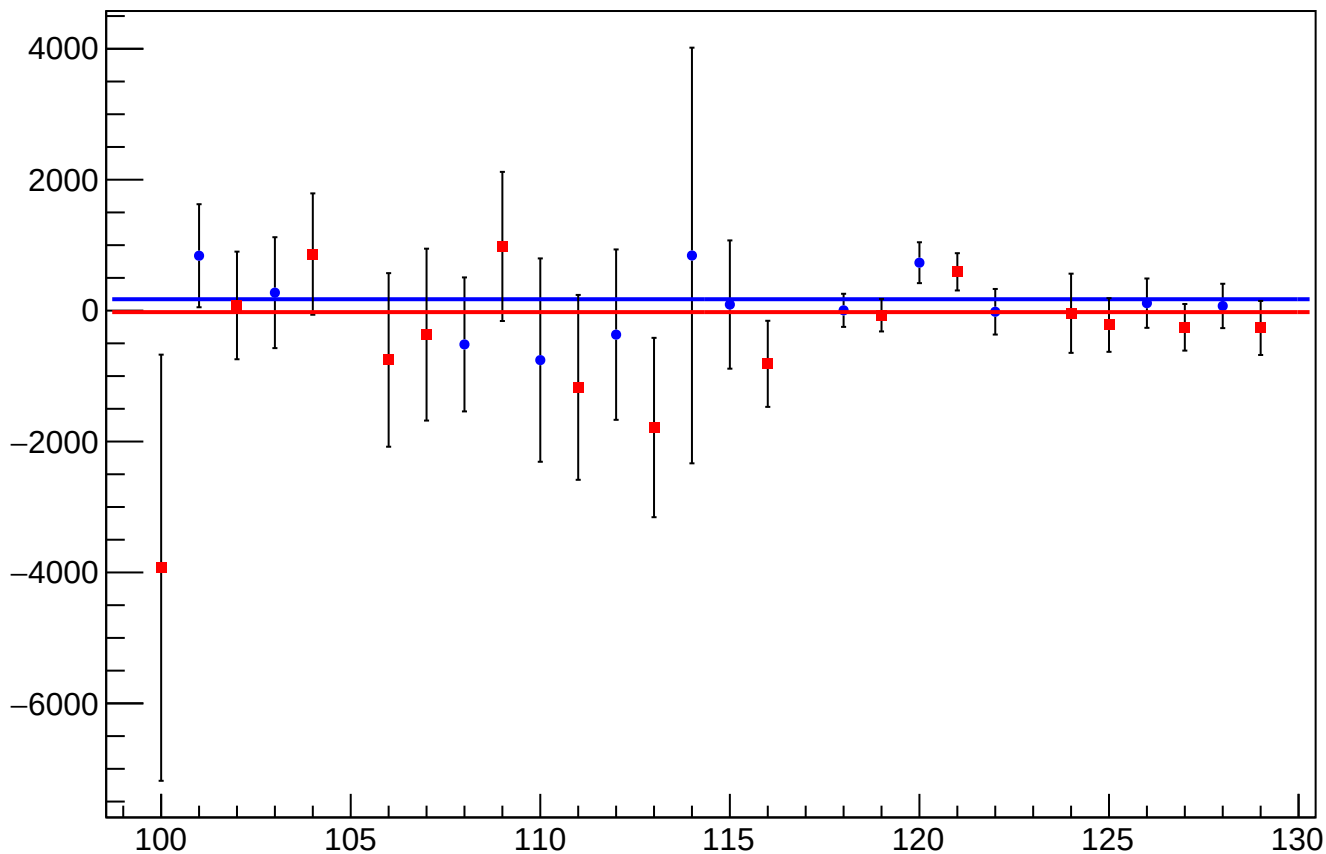
Right: 68.778+/-0.016 χ^2/NDF : 2573417.1/26

In: 68.913+/-0.023 χ^2/NDF : 1146274.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.778+/-0.016 χ^2/NDF : 2573417.1/26

asym_sam_37_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 174.091 $\pm$ 133.632 χ^2 /NDF: 5.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -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

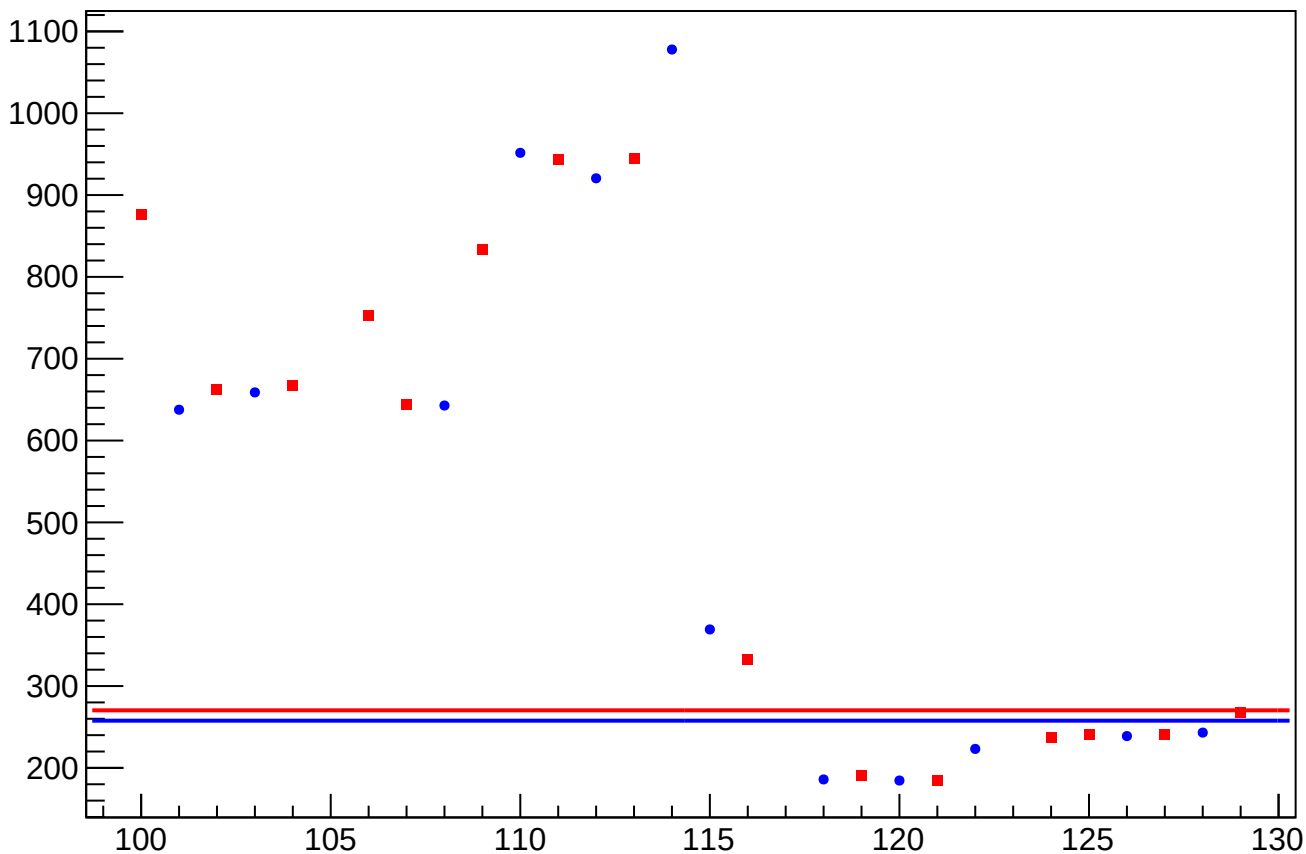
Right: 73.047 $\pm$ 93.253 χ^2 /NDF: 19.9/26

In: 174.091 $\pm$ 133.632 χ^2 /NDF:5.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 73.047 $\pm$ 93.253 χ^2 /NDF: 19.9/26

asym_sam_37_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 257.682+/-0.094 χ^2/NDF : 2574146.0/11

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

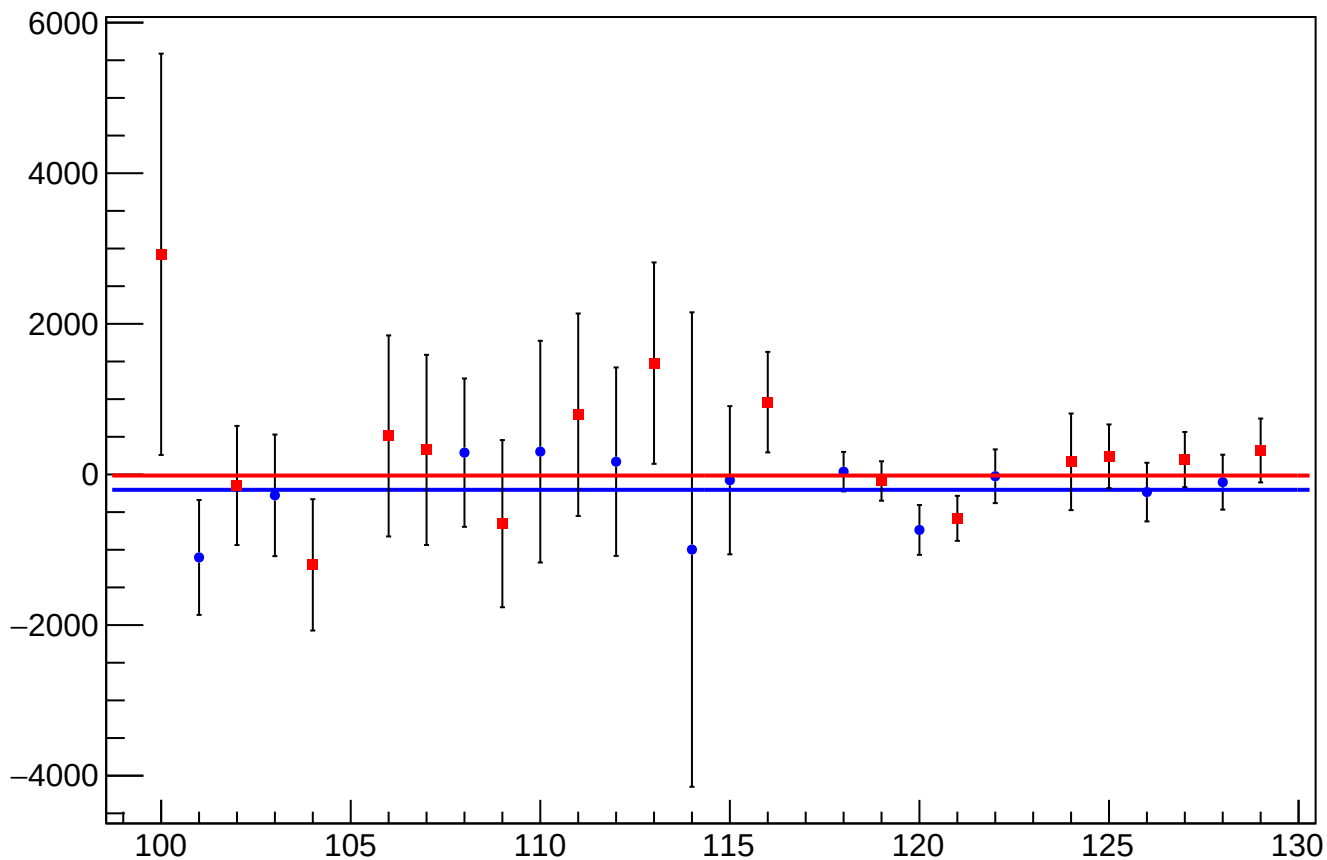
Right: 264.176+/-0.066 χ^2/NDF : 5764230.1/26

In: 257.682+/-0.094 χ^2/NDF : 2574146.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 264.176+/-0.066 χ^2/NDF : 5764230.1/26

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -203.825+/-138.381 χ^2/NDF : 5.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

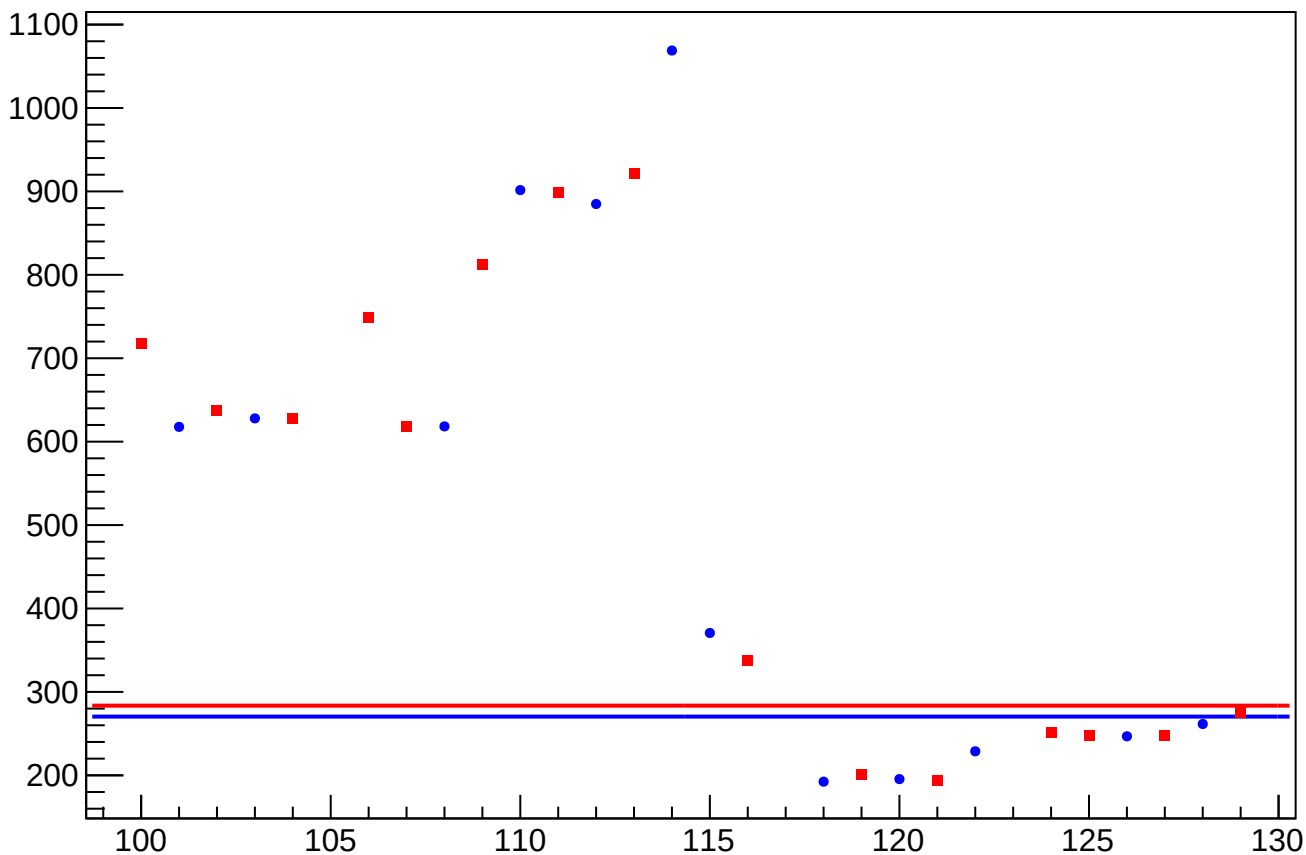
Right: -106.518+/-96.470 χ^2/NDF : 19.2/26

In: -203.825+/-138.381 χ^2/NDF : 5.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -106.518+/-96.470 χ^2/NDF : 19.2/26

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 270.404+/-0.098 χ^2/NDF : 2371013.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

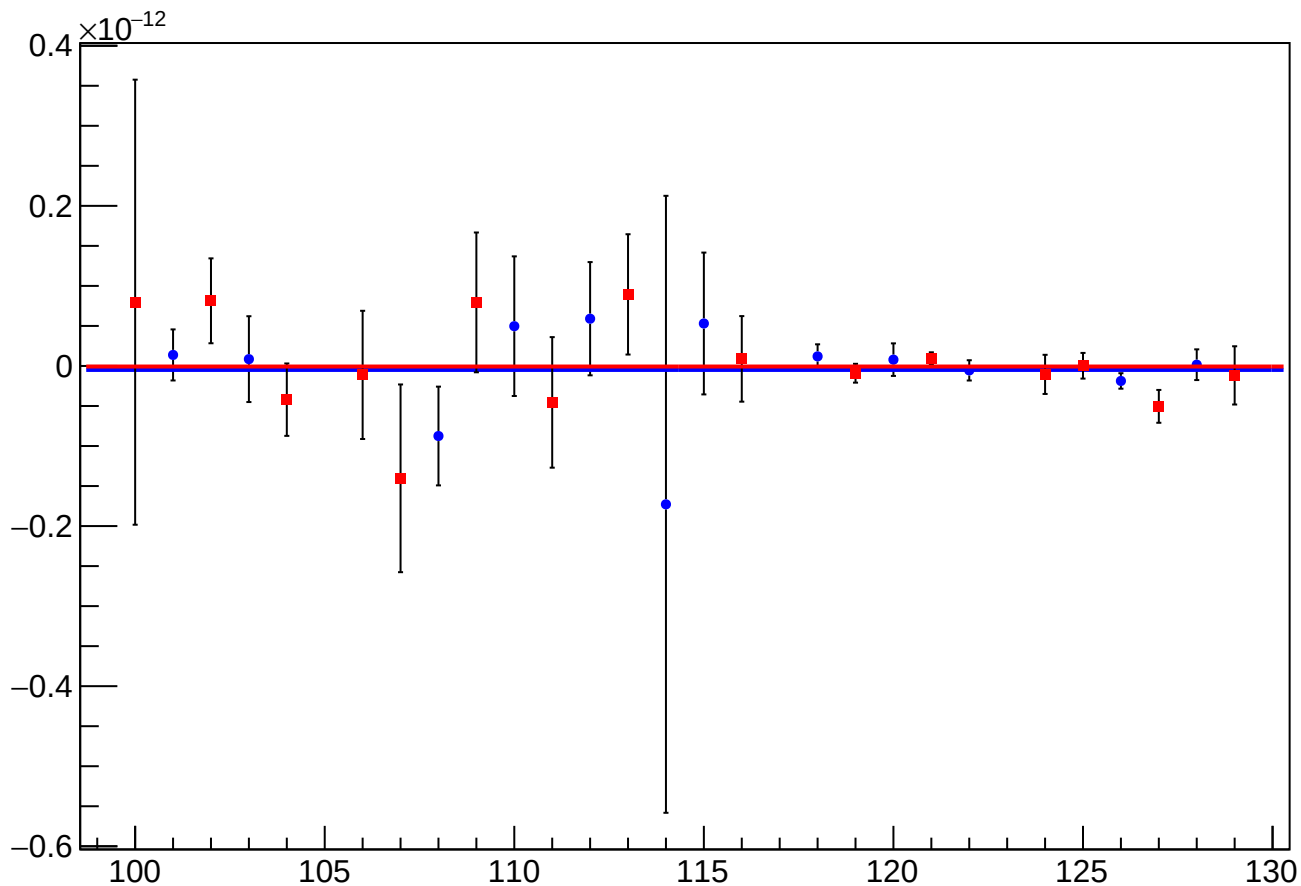
Right: 277.147+/-0.068 χ^2/NDF : 5287326.7/26

In: 270.404+/-0.098 χ^2/NDF : 2371013.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 277.147+/-0.068 χ^2/NDF : 5287326.7/26

asym_sam_37_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 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

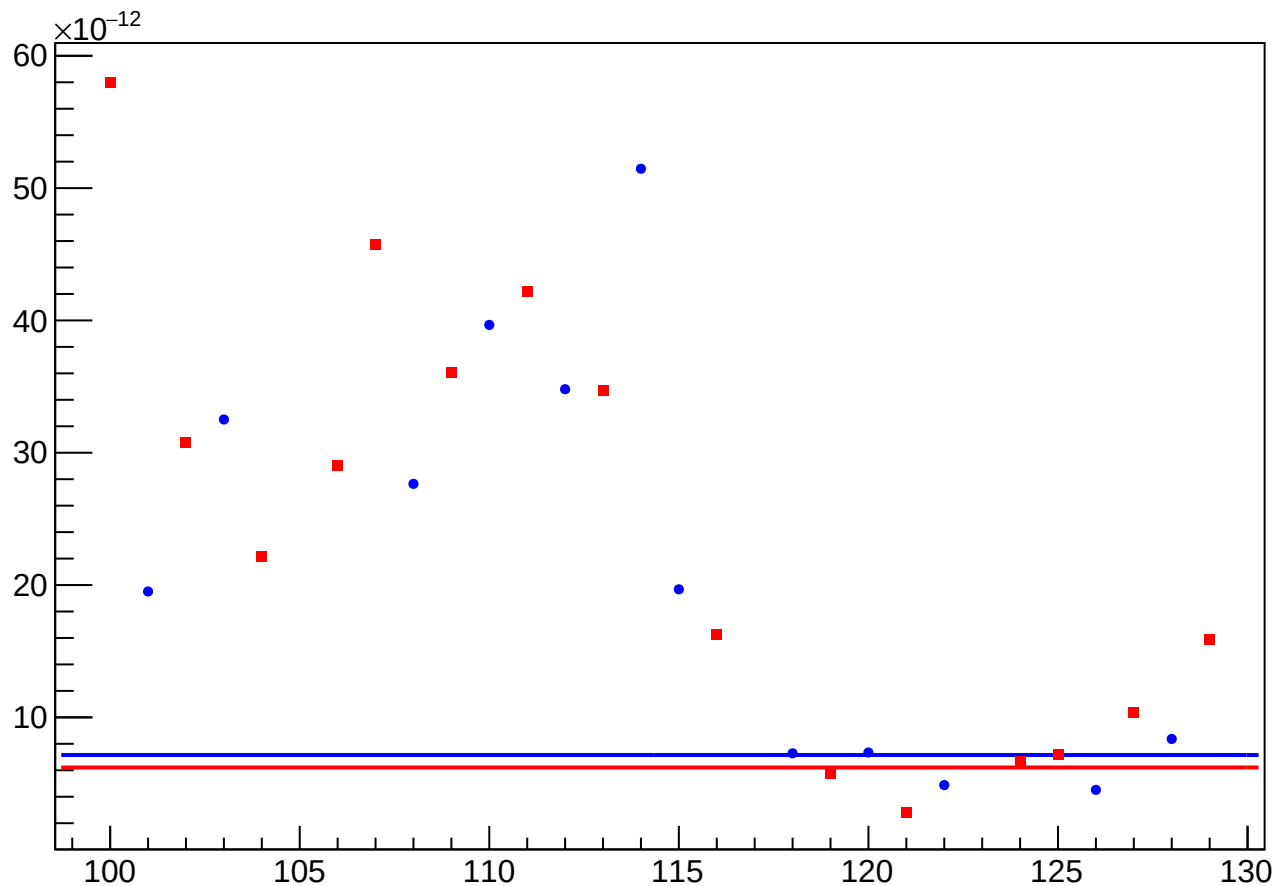
Right: -0.000+/-0.000 χ^2/NDF : 24.0/26

In: -0.000+/-0.000 χ^2/NDF : 7.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.0/26

asym_sam_37_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1840043.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

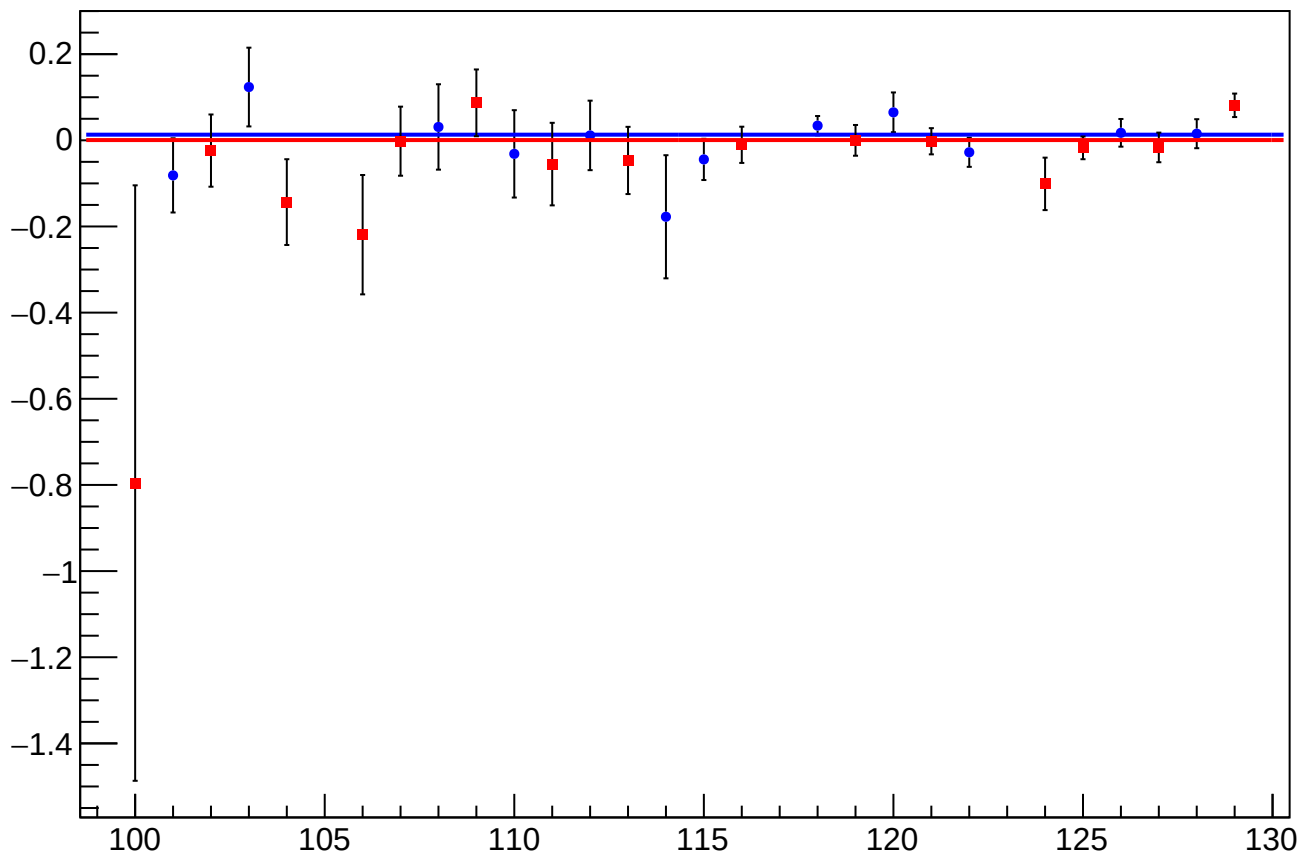
Right: 0.000+/-0.000 χ^2/NDF : 4630400.1/26

In: 0.000+/-0.000 χ^2/NDF : 1840043.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4630400.1/26

asym_sam_37_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.013 χ^2/NDF : 9.7/11

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

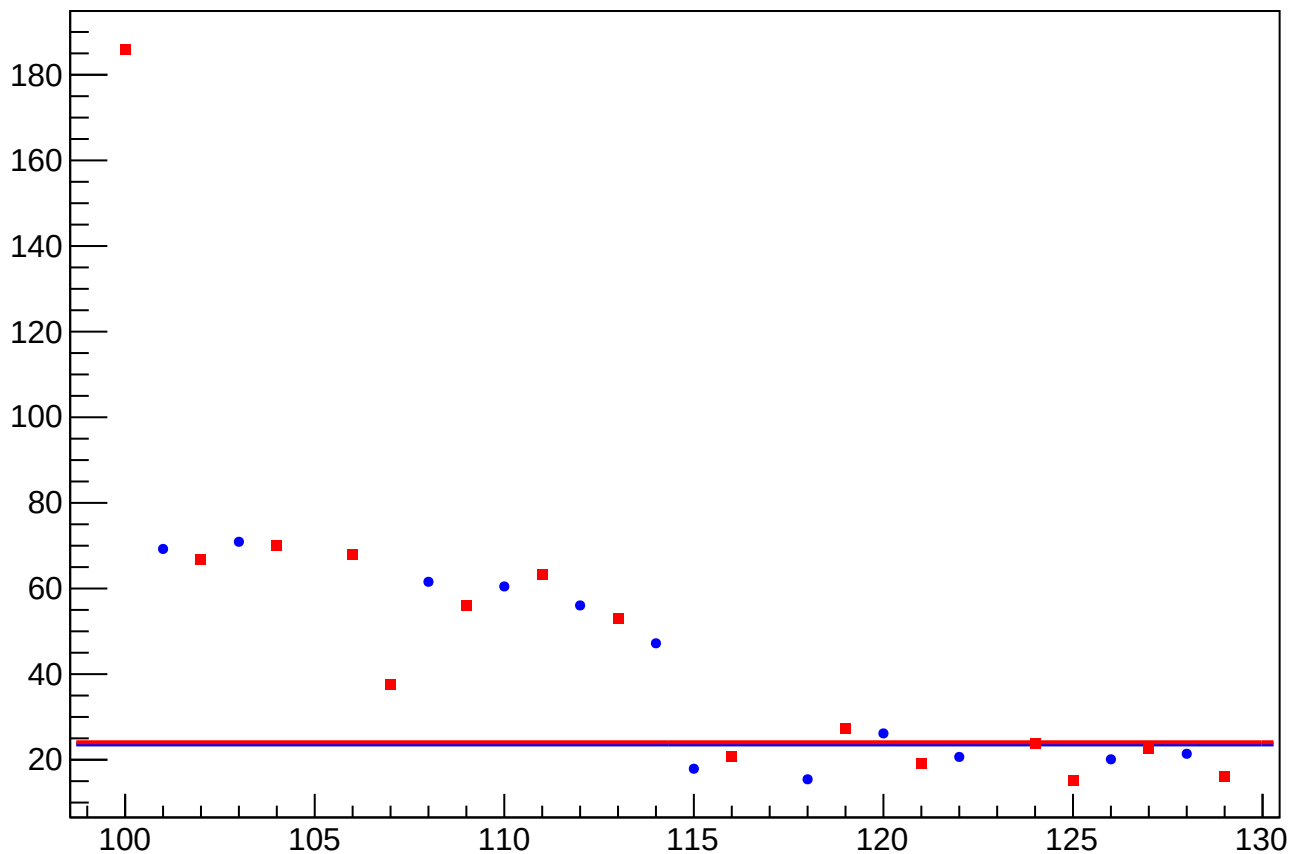
Right: 0.006+/-0.009 χ^2/NDF : 30.6/26

In: 0.013+/-0.013 χ^2/NDF :9.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.009 χ^2/NDF : 30.6/26

asym_sam_37_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.583+/-0.009 χ^2/NDF : 2382100.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

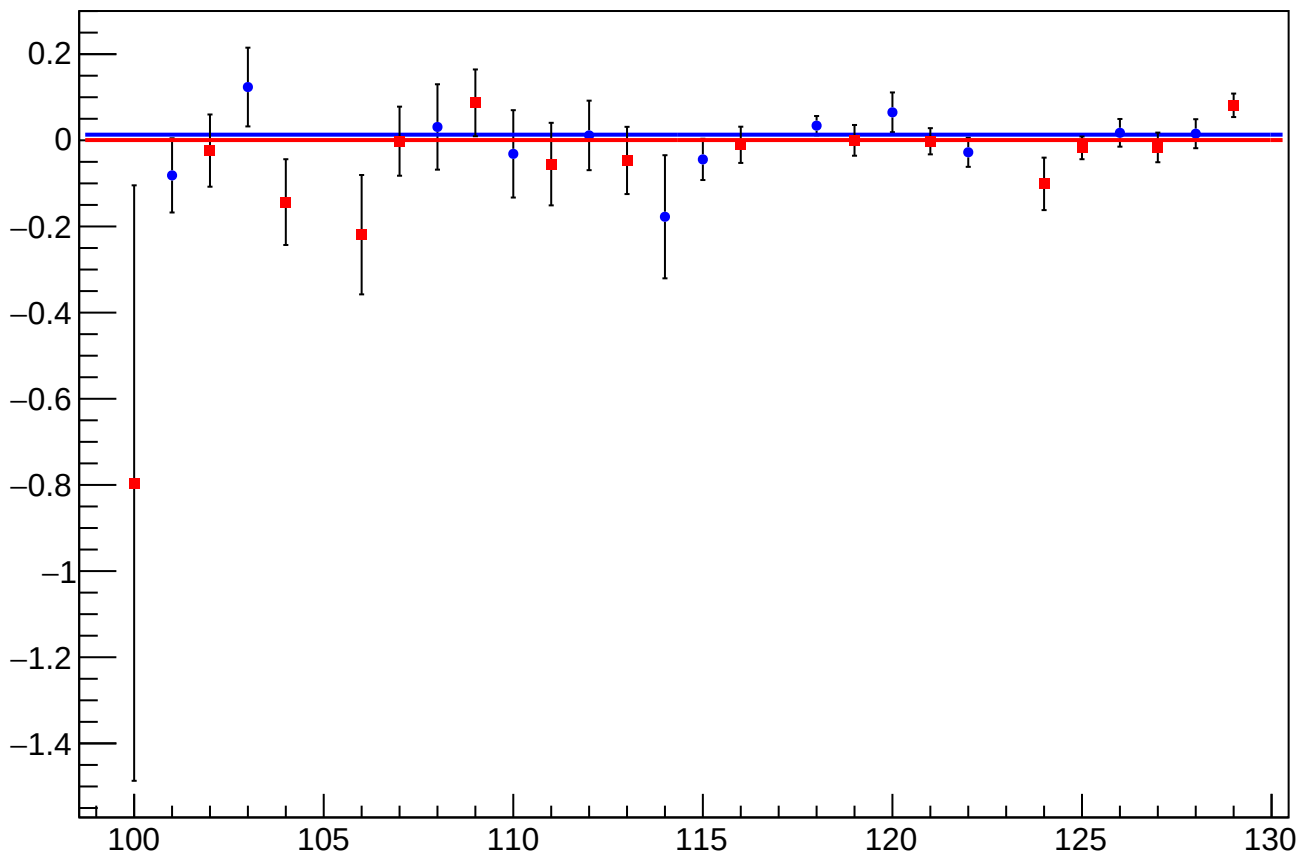
Right: 23.853+/-0.006 χ^2/NDF : 5131737.6/26

In: 23.583+/-0.009 χ^2/NDF : 2382100.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.853+/-0.006 χ^2/NDF : 5131737.6/26

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.013 χ^2/NDF : 9.7/11

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

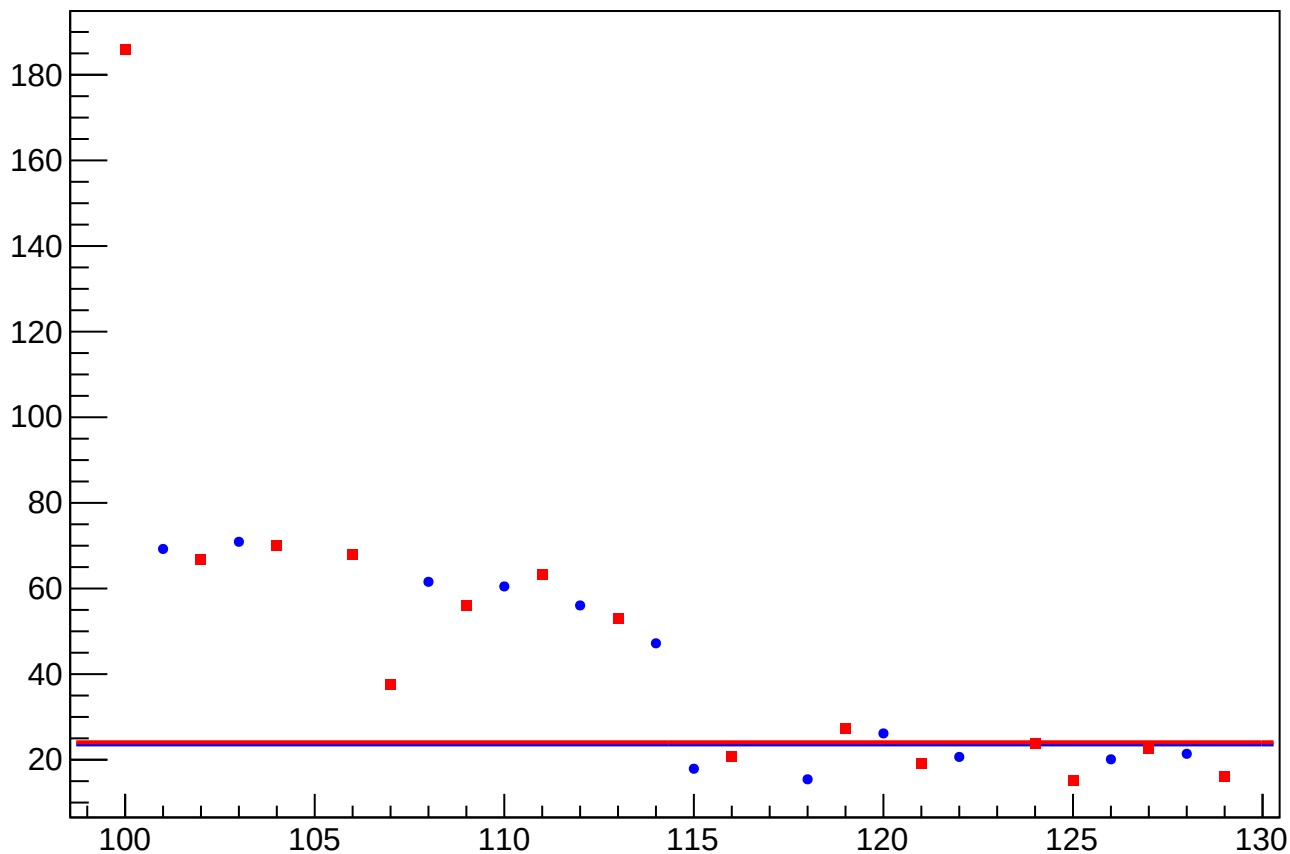
Right: 0.006+/-0.009 χ^2/NDF : 30.6/26

In: 0.013+/-0.013 χ^2/NDF : 9.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.009 χ^2/NDF : 30.6/26

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.583+/-0.009 χ^2/NDF : 2382100.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

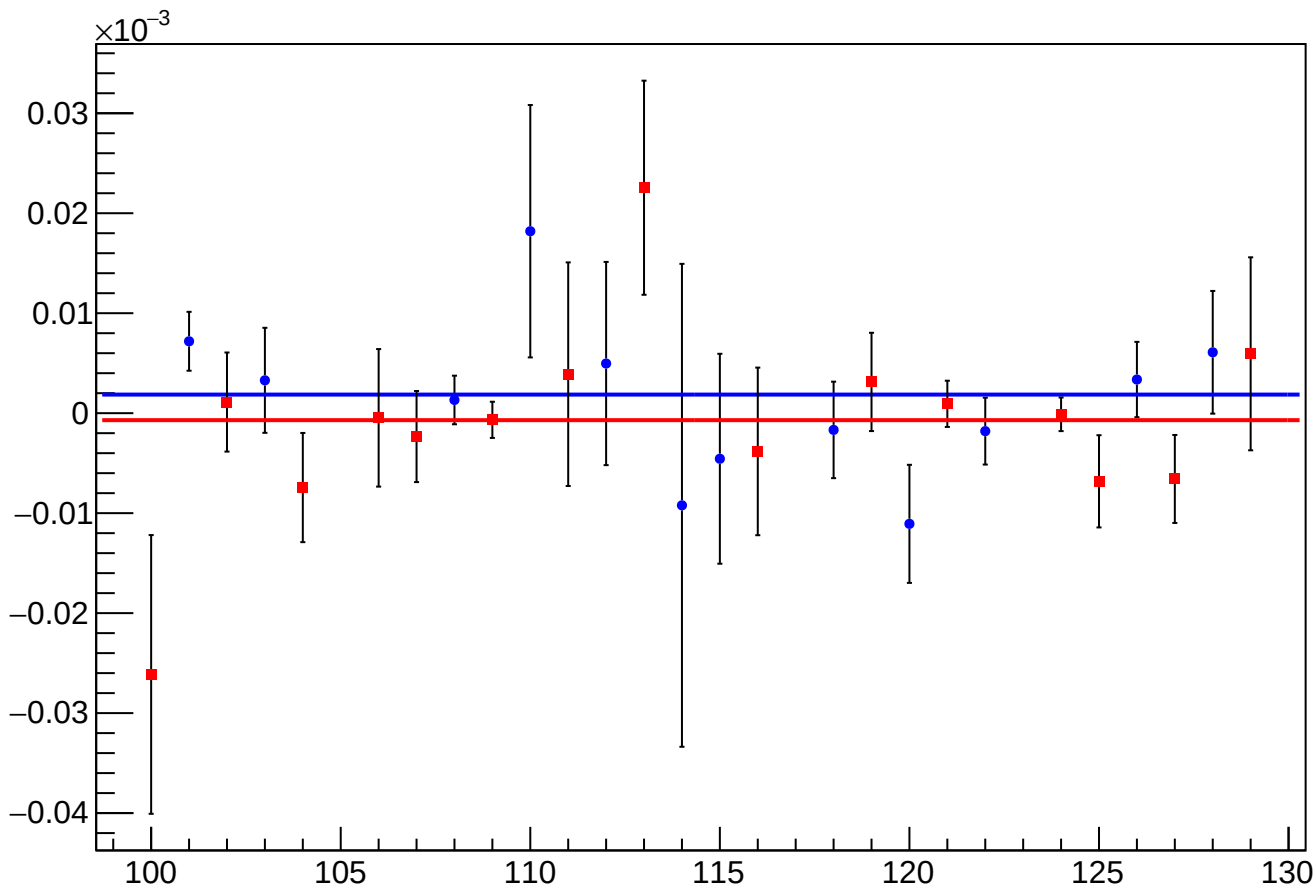
Right: 23.853+/-0.006 χ^2/NDF : 5131737.6/26

In: 23.583+/-0.009 χ^2/NDF : 2382100.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.853+/-0.006 χ^2/NDF : 5131737.6/26

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 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

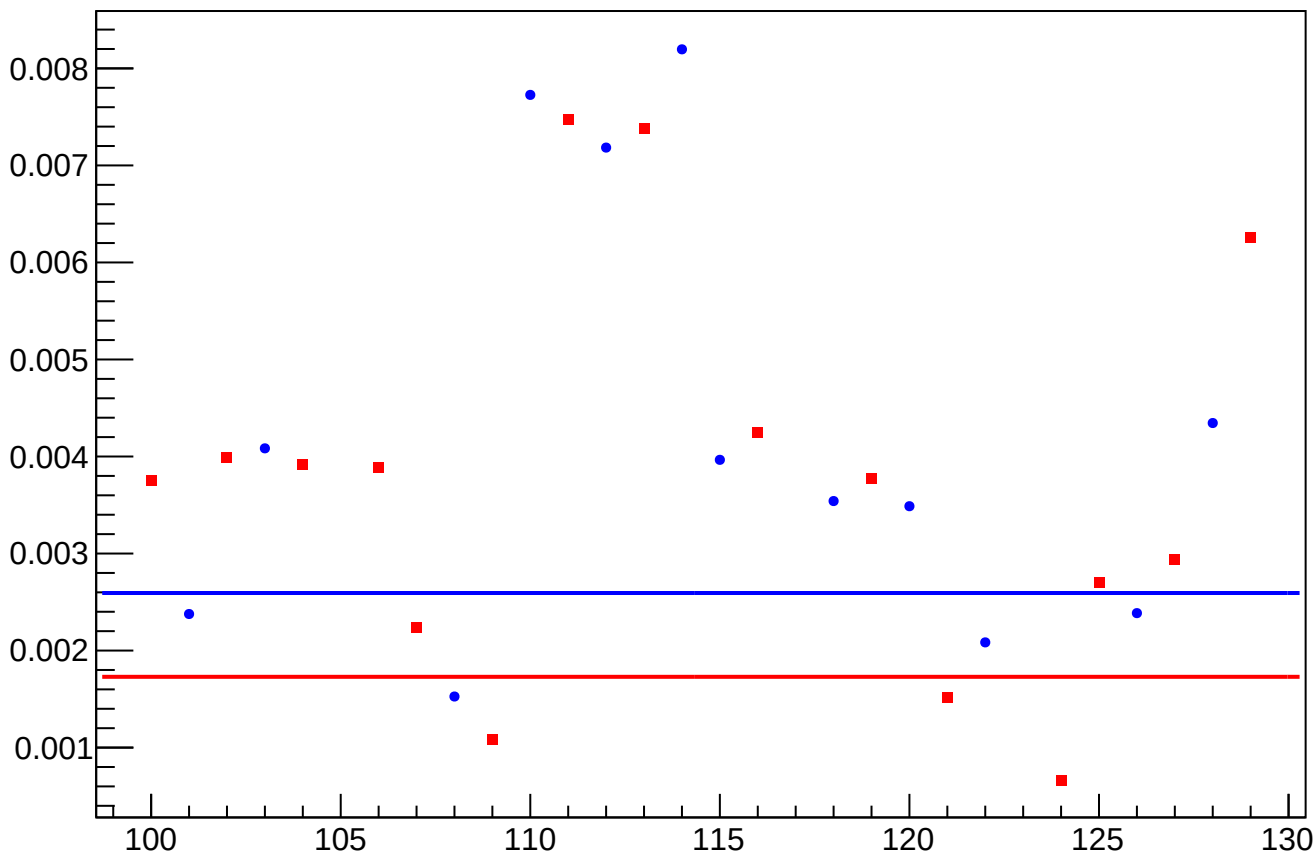
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 30.9/26

In: 0.000 $\pm$ 0.000 χ^2 /NDF:12.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 30.9/26

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1776508.4/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 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

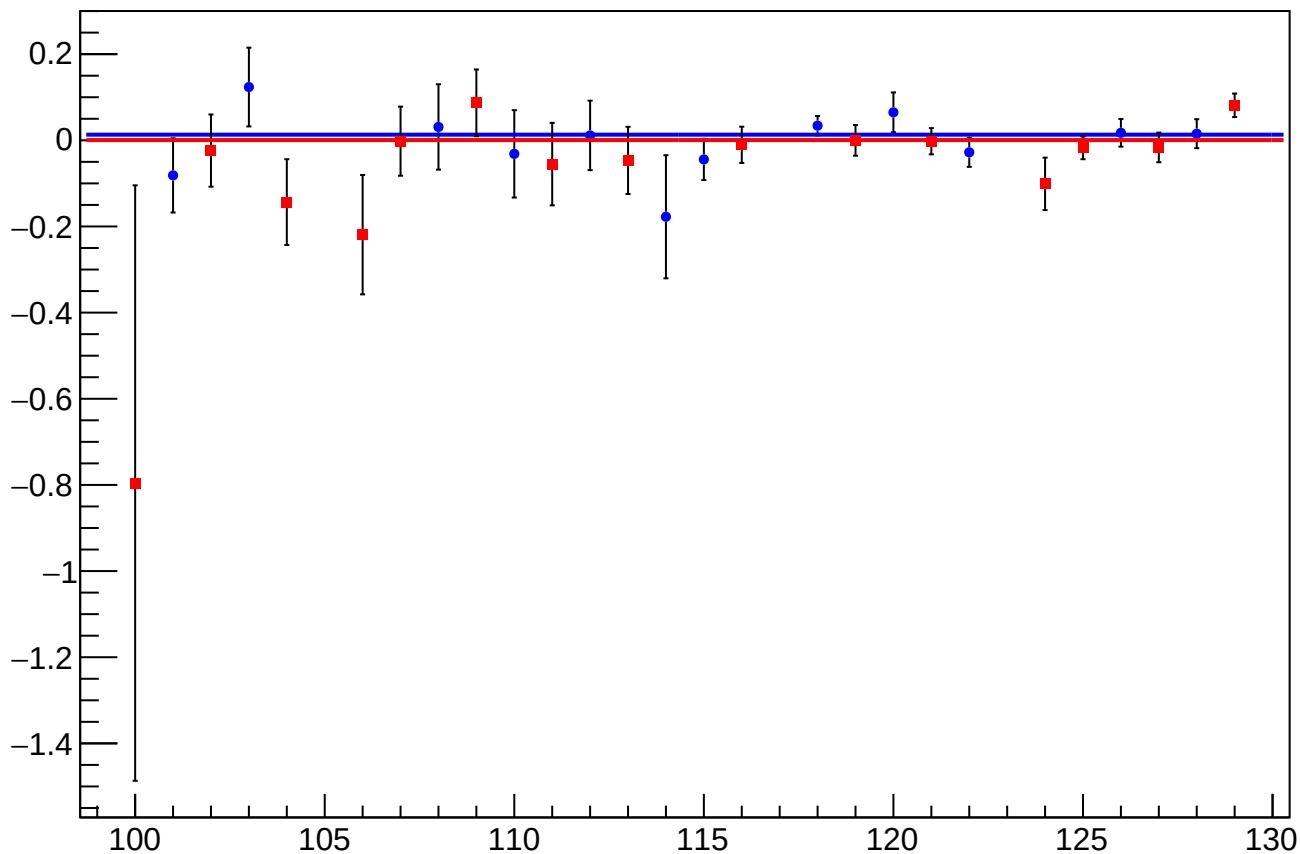
Right: 0.002+/-0.000 χ^2/NDF : 6752261.1/26

In: 0.003+/-0.000 χ^2/NDF :1776508.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6752261.1/26

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.013 χ^2/NDF : 9.7/11

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

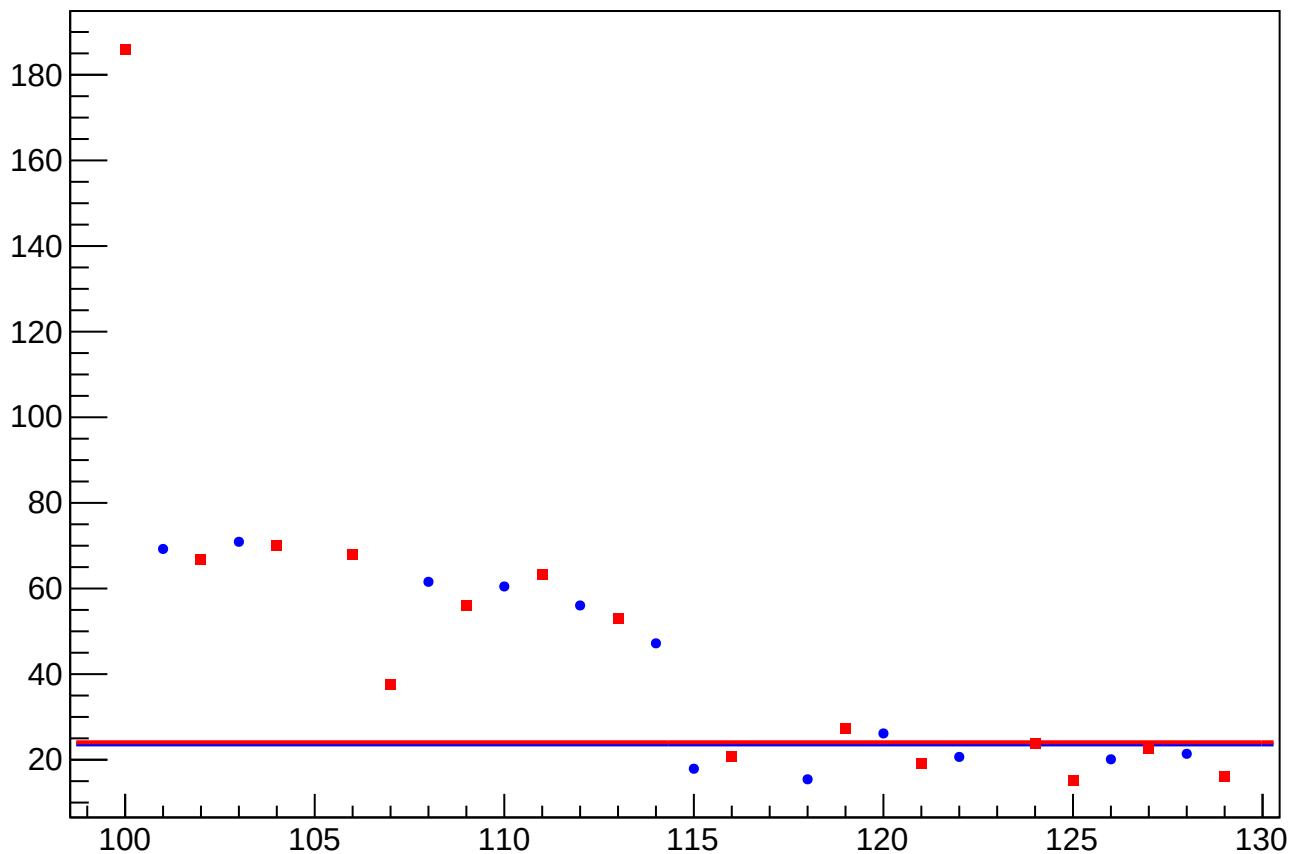
Right: 0.006+/-0.009 χ^2/NDF : 30.6/26

In: 0.013+/-0.013 χ^2/NDF : 9.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.009 χ^2/NDF : 30.6/26

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.583+/-0.009 χ^2/NDF : 2382121.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

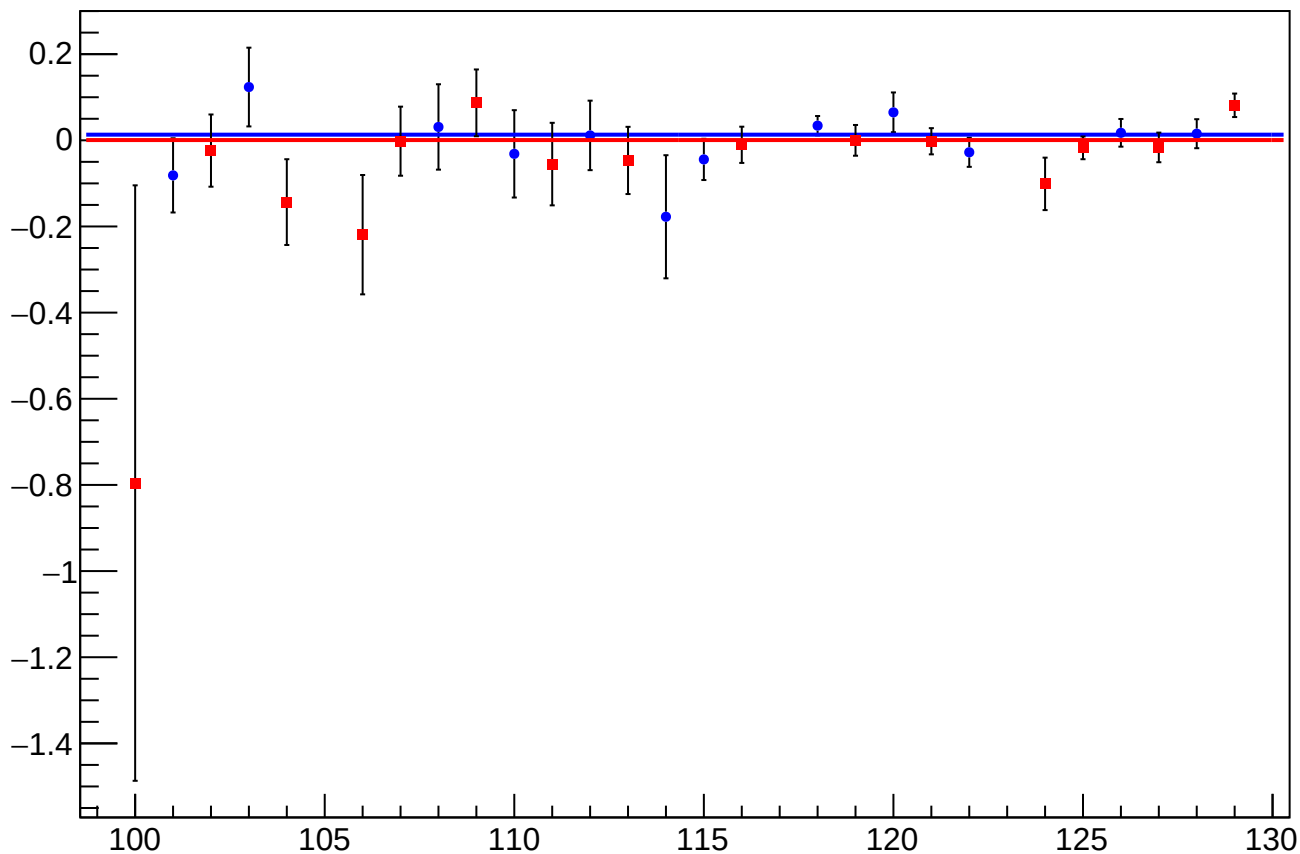
Right: 23.853+/-0.006 χ^2/NDF : 5131659.5/26

In: 23.583+/-0.009 χ^2/NDF : 2382121.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.853+/-0.006 χ^2/NDF : 5131659.5/26

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.013 χ^2/NDF : 9.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.001 $\pm$ 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

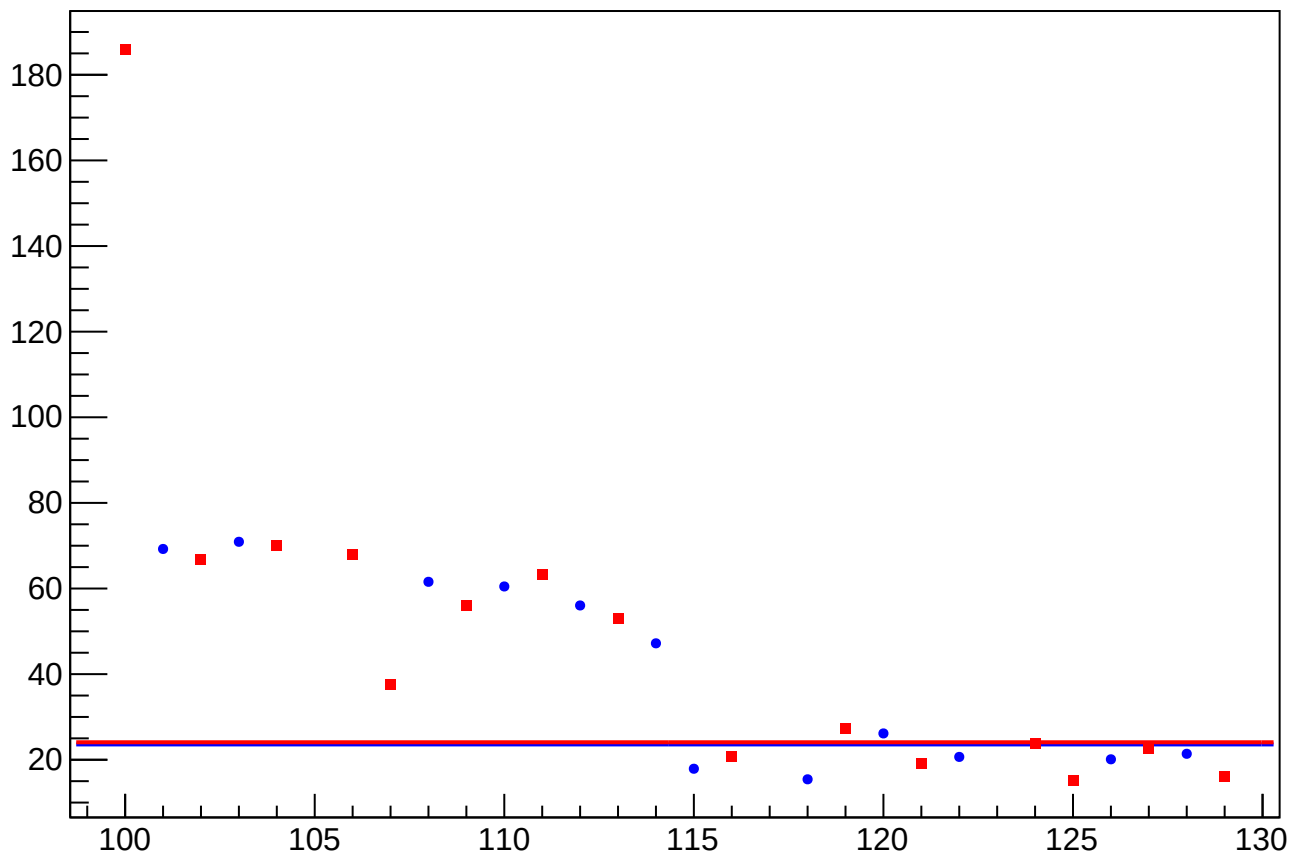
Right: 0.006 $\pm$ 0.009 χ^2/NDF : 30.6/26

In: 0.013 $\pm$ 0.013 χ^2/NDF : 9.7/11

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.006 $\pm$ 0.009 χ^2/NDF : 30.6/26

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.583+/-0.009 χ^2/NDF : 2382121.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

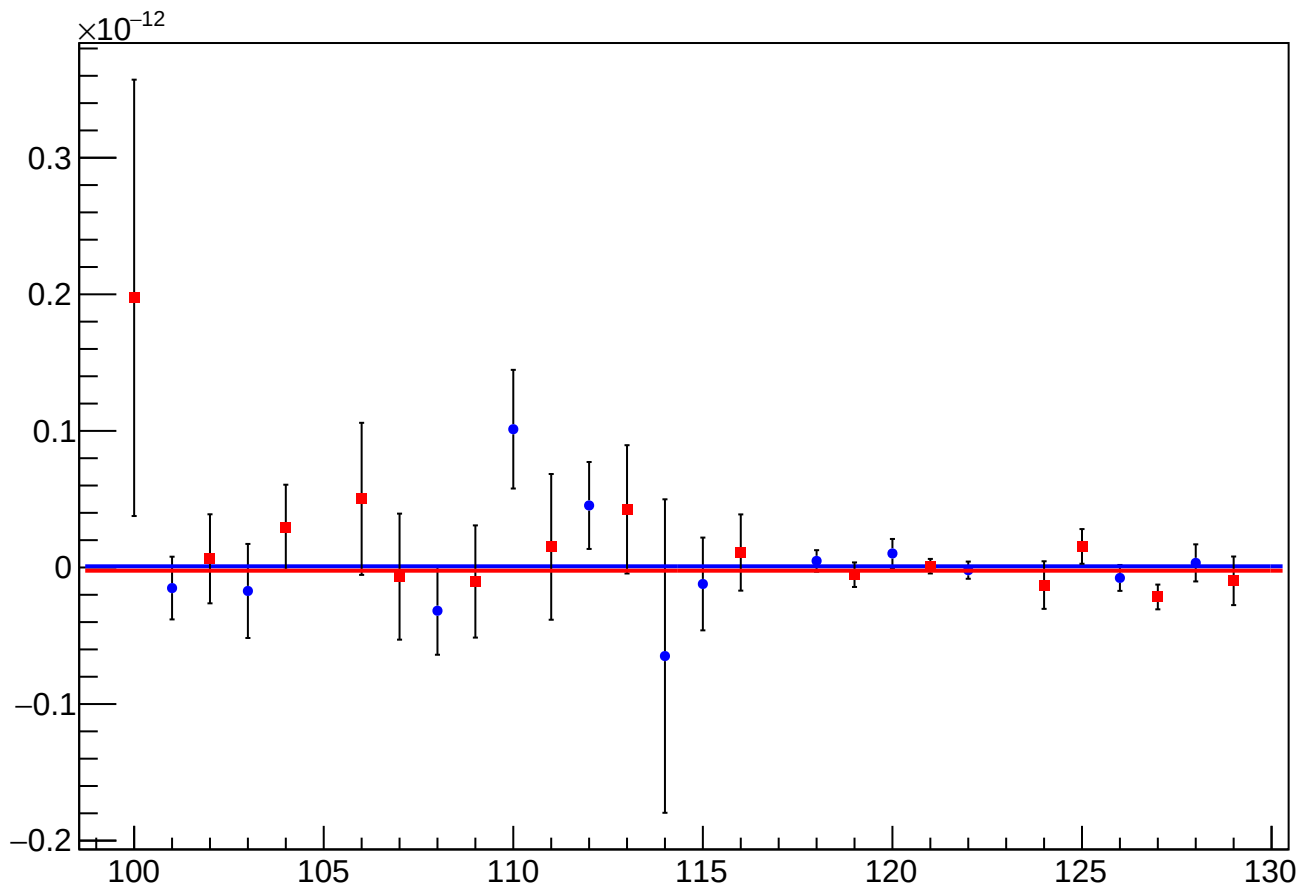
Right: 23.853+/-0.006 χ^2/NDF : 5131659.5/26

In: 23.583+/-0.009 χ^2/NDF : 2382121.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.853+/-0.006 χ^2/NDF : 5131659.5/26

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

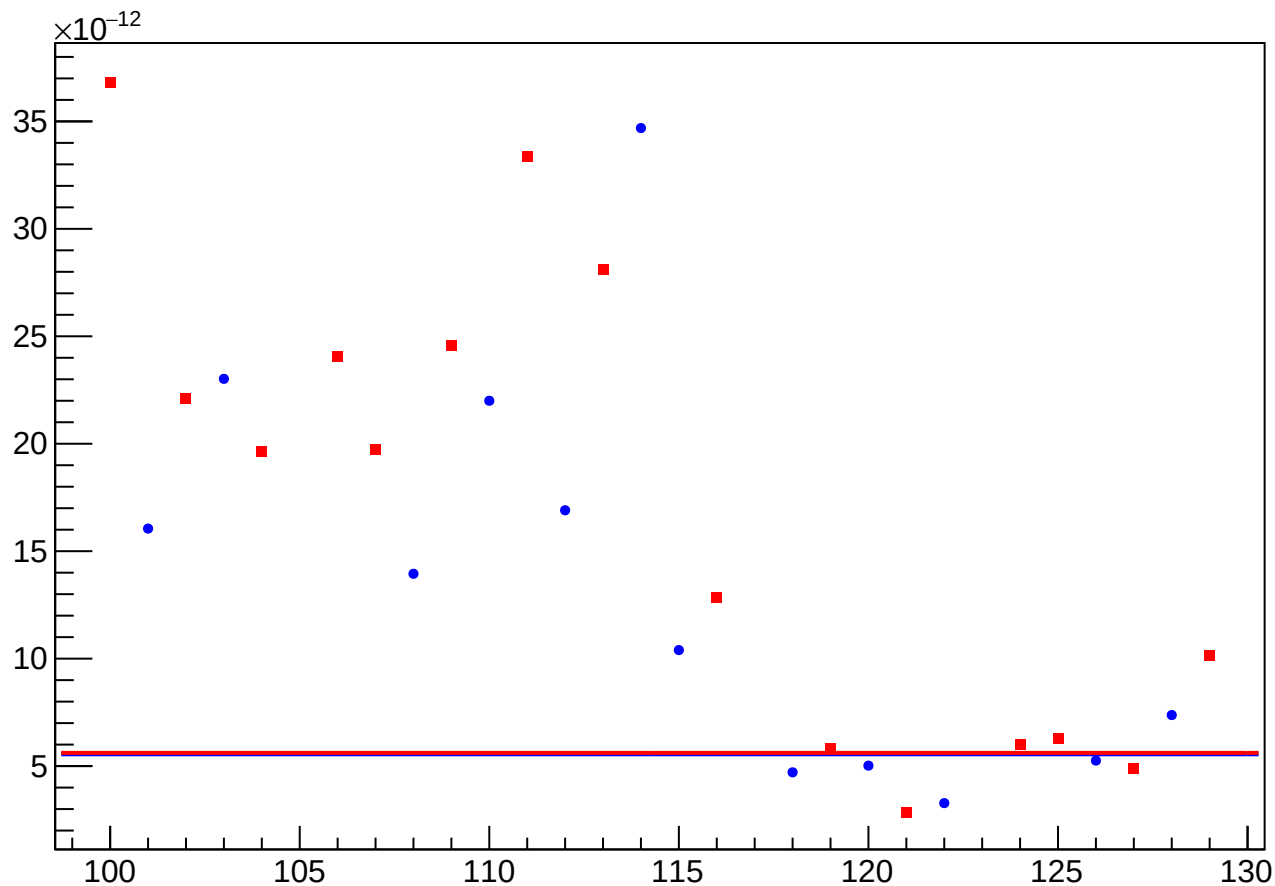
Right: -0.000+/-0.000 χ^2/NDF : 24.4/26

In: 0.000+/-0.000 χ^2/NDF : 11.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.4/26

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2106872.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

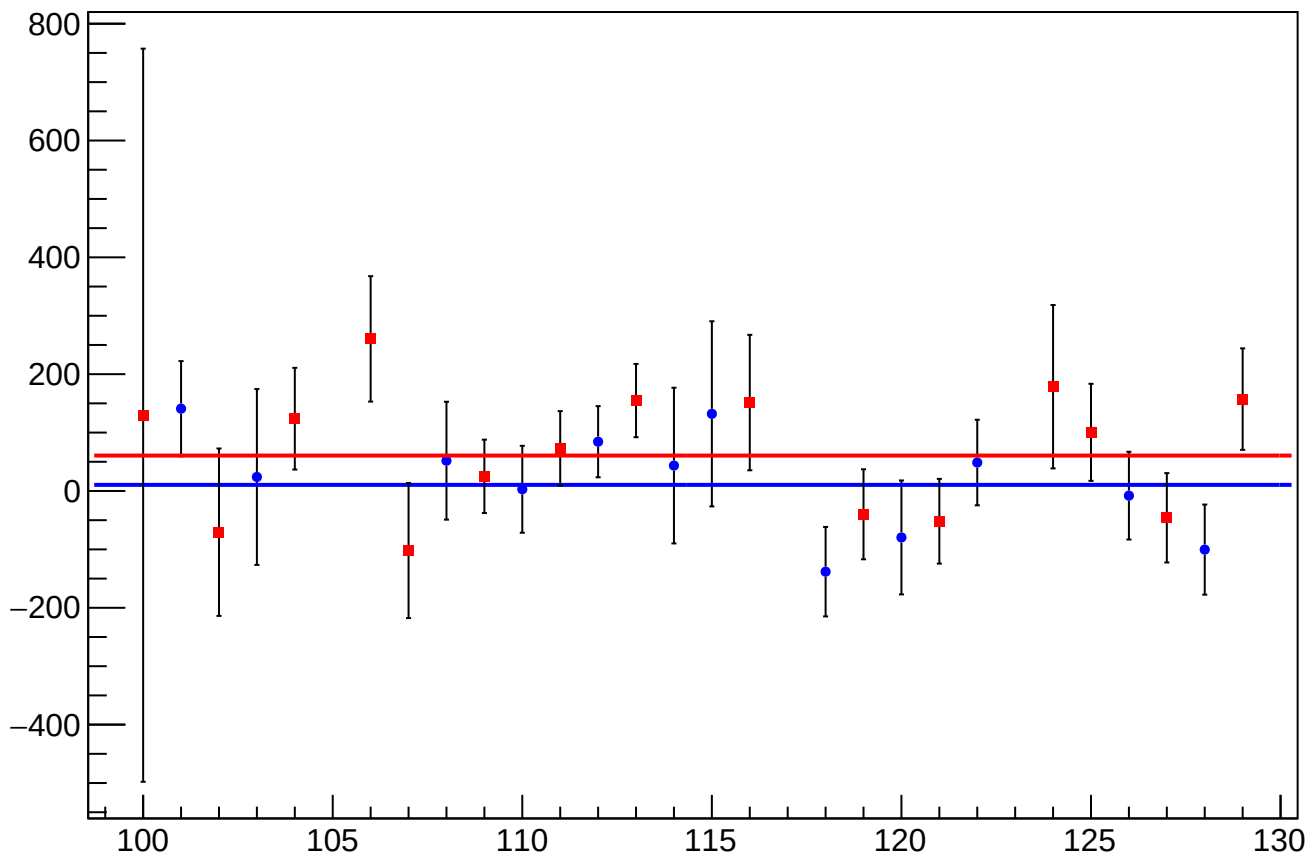
Right: 0.000+/-0.000 χ^2/NDF : 5764936.6/26

In: 0.000+/-0.000 χ^2/NDF : 2106872.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5764936.6/26

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 10.468 $\pm$ 24.646 χ^2 /NDF: 11.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 60.657 $\pm$ 22.194 χ^2 /NDF: 18.3/14

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

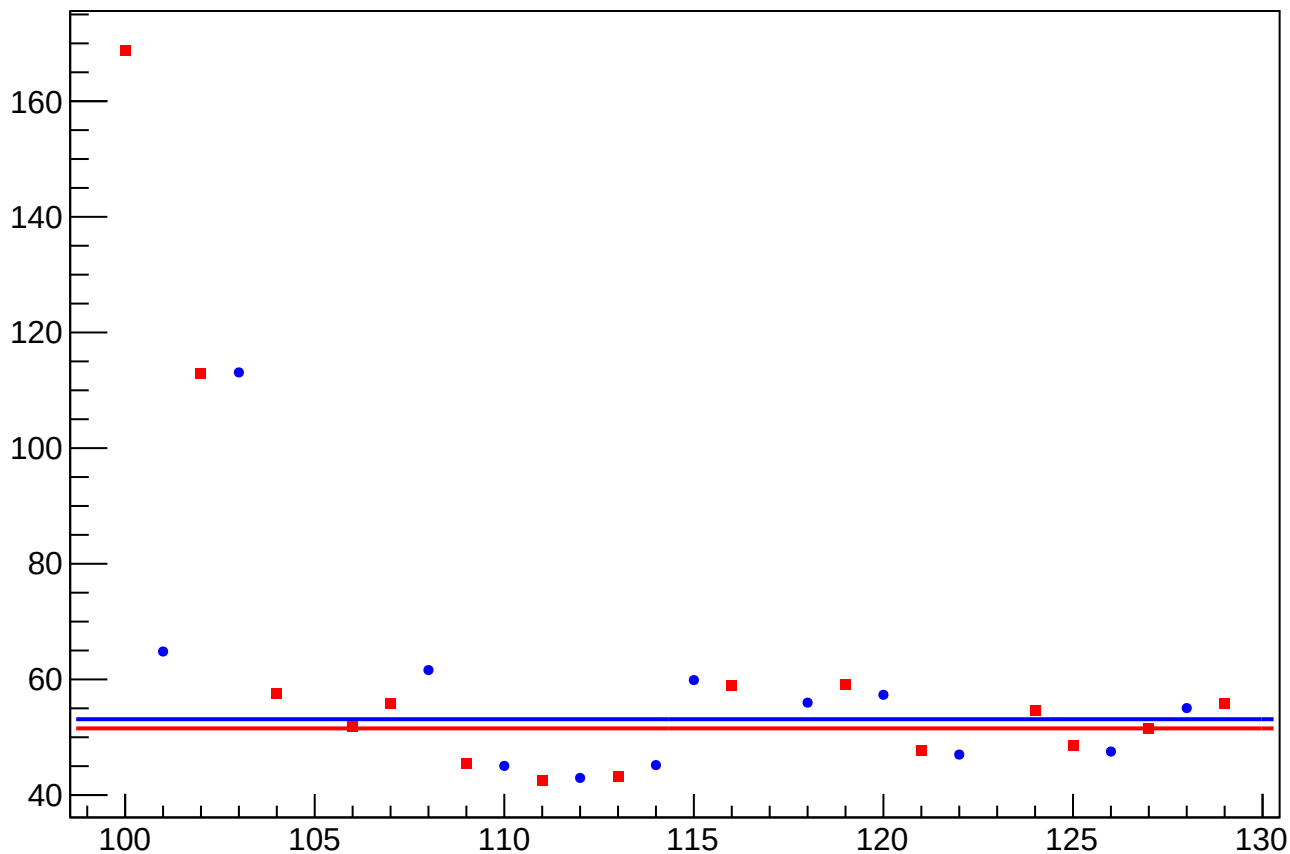
Right: 38.182 $\pm$ 16.492 χ^2 /NDF: 32.4/26

In: 10.468 $\pm$ 24.646 χ^2 /NDF:11.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 38.182 $\pm$ 16.492 χ^2 /NDF: 32.4/26

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 53.117+/-0.017 χ^2/NDF : 495552.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.528+/-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

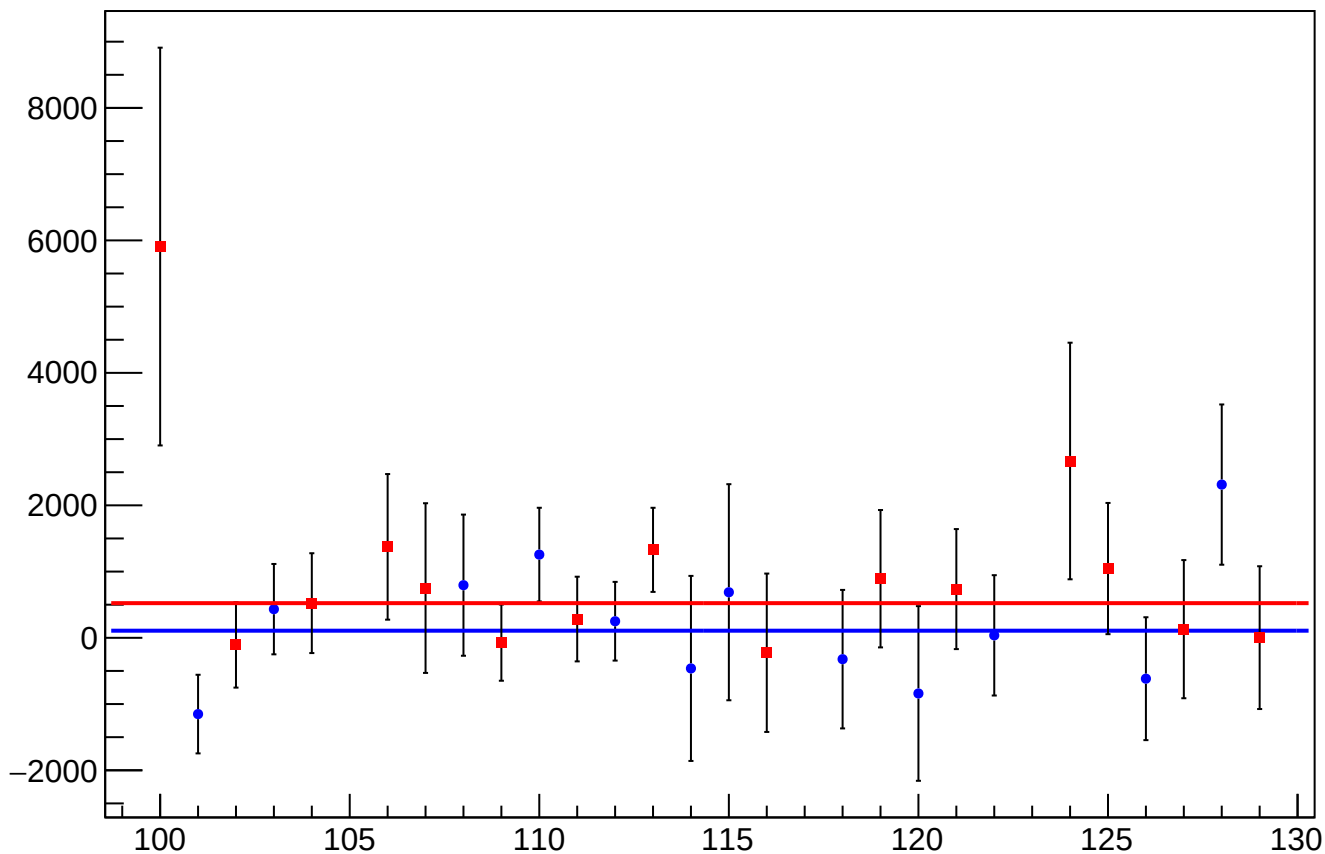
Right: 52.239+/-0.012 χ^2/NDF : 1085602.3/26

In: 53.117+/-0.017 χ^2/NDF : 495552.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.239+/-0.012 χ^2/NDF : 1085602.3/26

asym_sam_1357_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 107.465 $\pm$ 248.942 χ^2 /NDF: 12.8/11

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

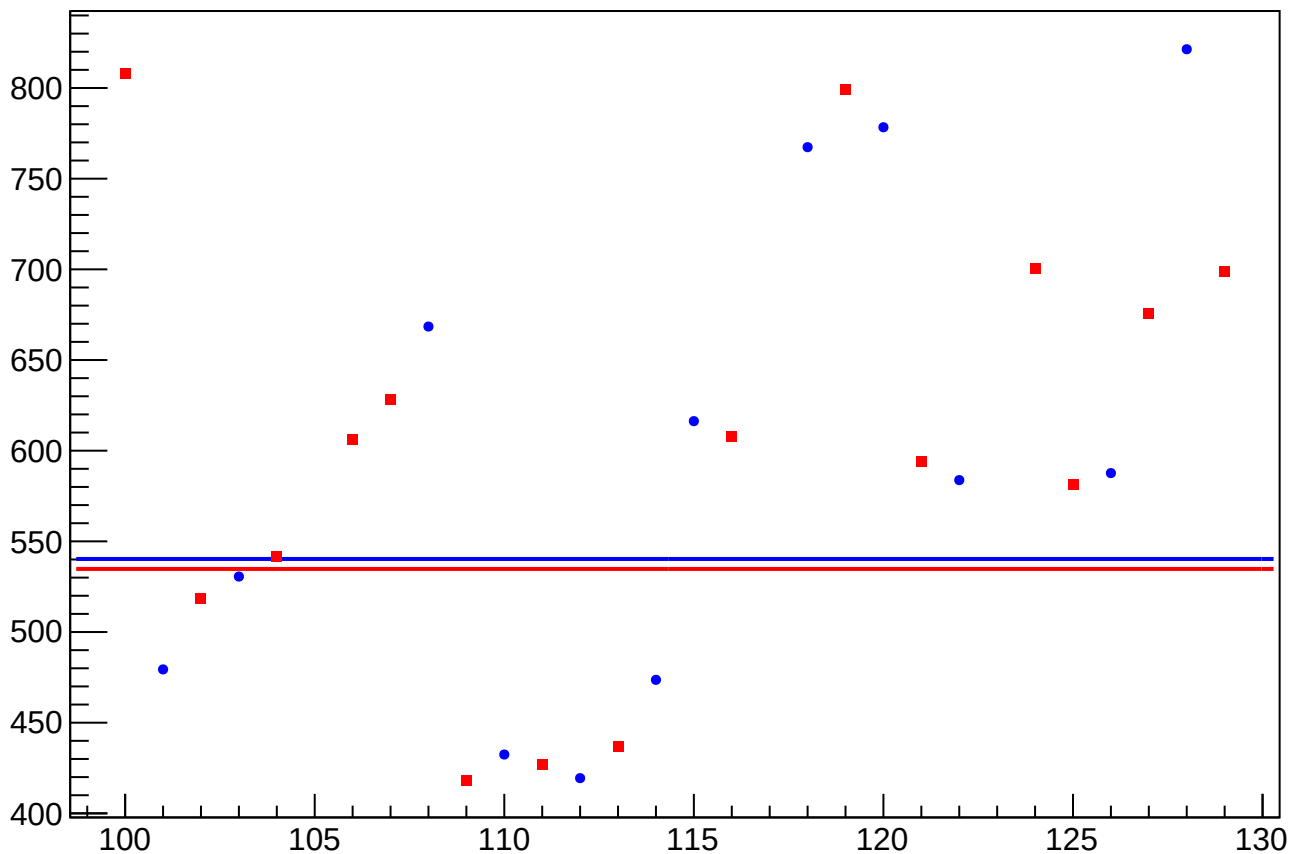
Right: 335.702 $\pm$ 167.213 χ^2 /NDF: 24.6/26

In: 107.465 $\pm$ 248.942 χ^2 /NDF:12.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 335.702 $\pm$ 167.213 χ^2 /NDF: 24.6/26

asym_sam_1357_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 540.293+/-0.176 χ^2/NDF : 465869.5/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

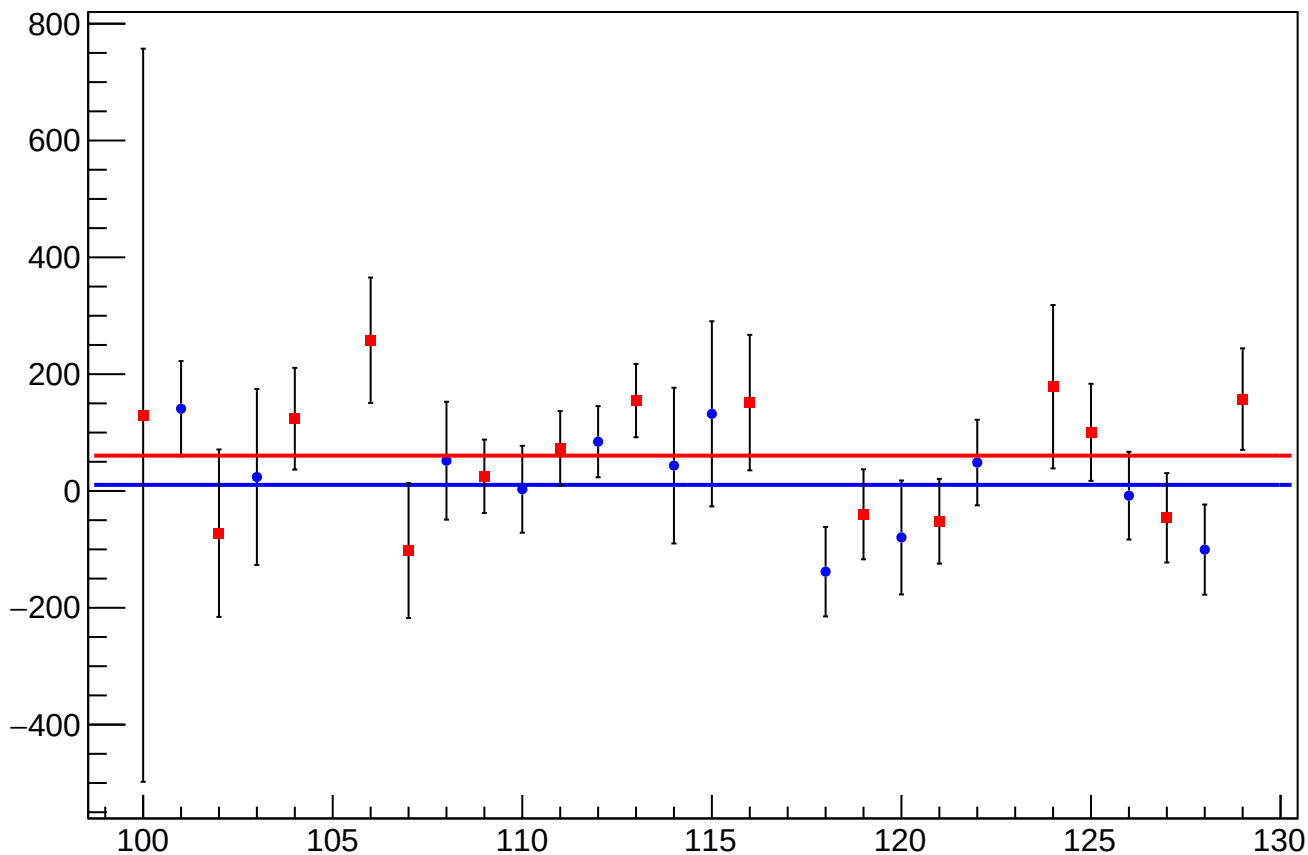
Right: 537.269+/-0.118 χ^2/NDF : 940427.4/26

In: 540.293+/-0.176 χ^2/NDF :465869.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 537.269+/-0.118 χ^2/NDF : 940427.4/26

cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 10.462+/-24.646 χ^2/NDF : 11.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.506+/-22.194 χ^2/NDF : 18.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

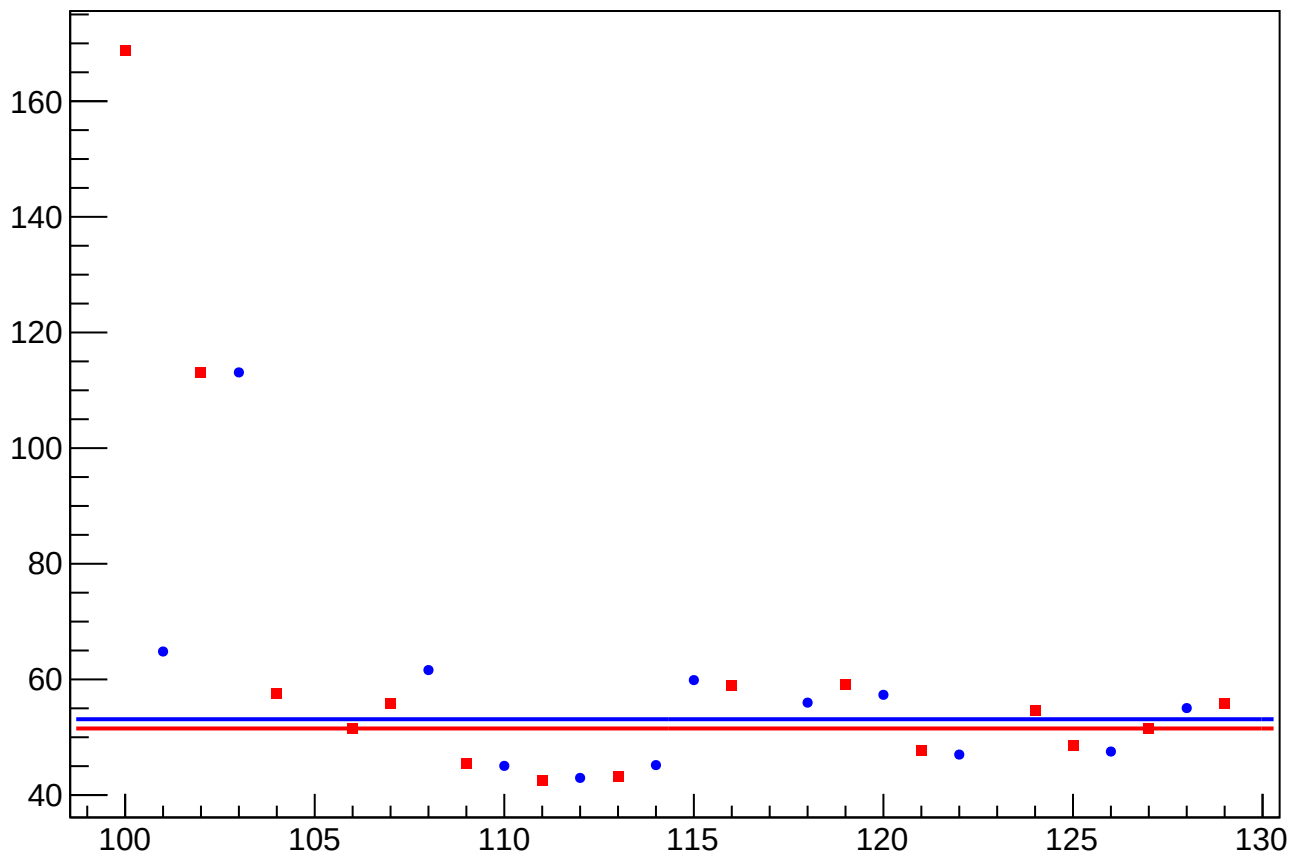
Right: 38.096+/-16.493 χ^2/NDF : 32.4/26

In: 10.462+/-24.646 χ^2/NDF : 11.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.096+/-16.493 χ^2/NDF : 32.4/26

cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 53.117+/-0.017 χ^2/NDF : 495554.5/11

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

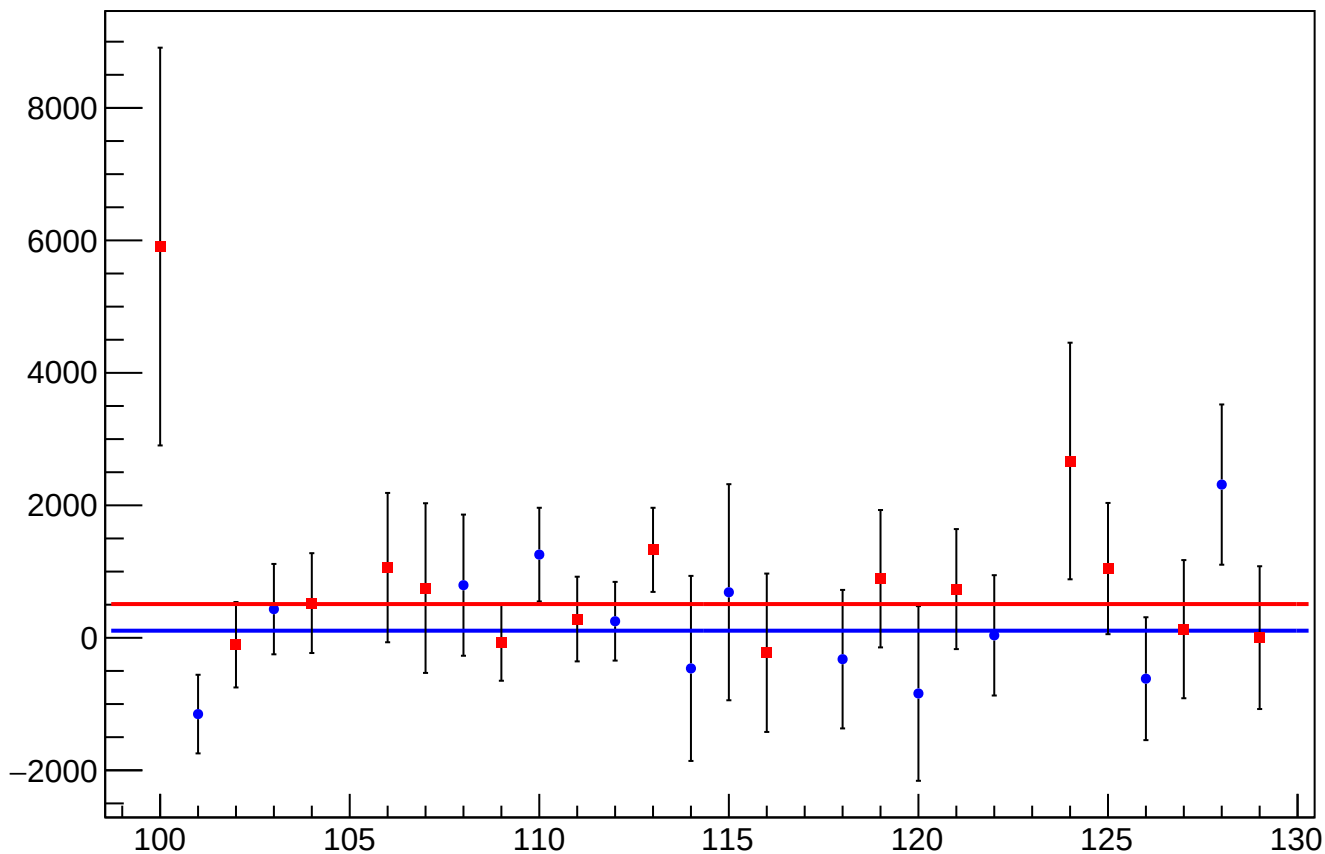
Right: 52.232+/-0.012 χ^2/NDF : 1085898.2/26

In: 53.117+/-0.017 χ^2/NDF : 495554.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.232+/-0.012 χ^2/NDF : 1085898.2/26

asym_sam_1357_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 107.504 $\pm$ 248.946 χ^2 /NDF: 12.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 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

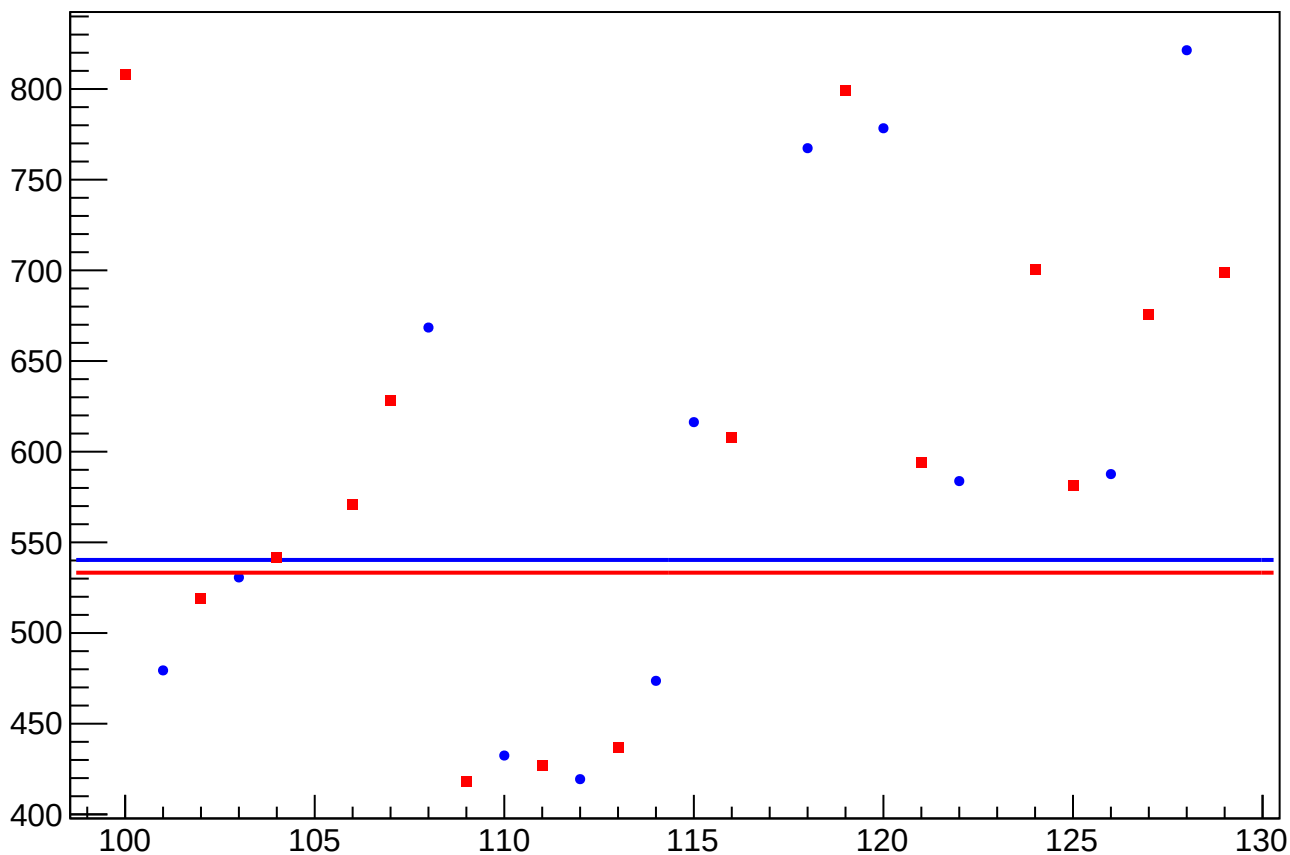
Right: 327.933 $\pm$ 167.320 χ^2 /NDF: 24.1/26

In: 107.504 $\pm$ 248.946 χ^2 /NDF:12.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 327.933 $\pm$ 167.320 χ^2 /NDF: 24.1/26

asym_sam_1357_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 540.301+/-0.176 χ^2/NDF : 465864.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

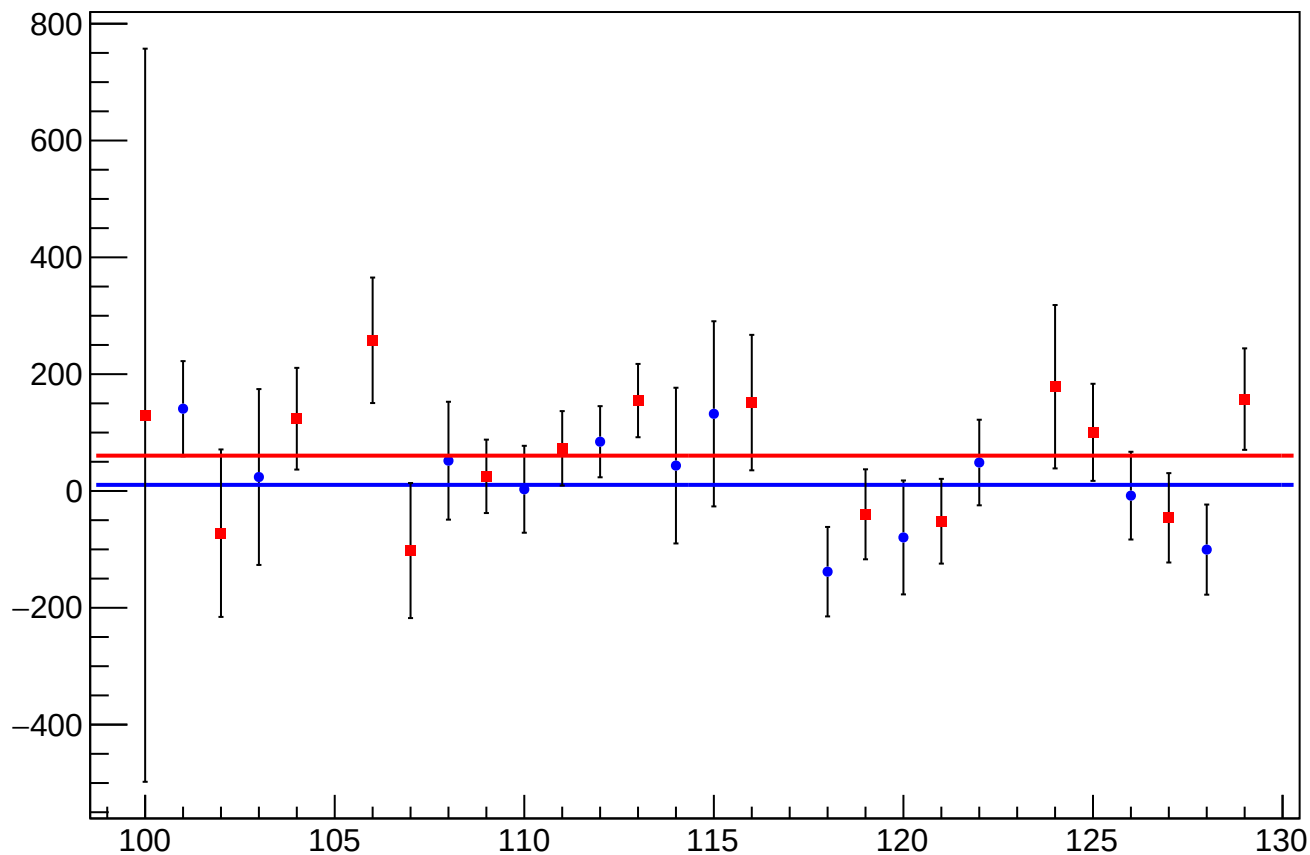
Right: 536.447+/-0.118 χ^2/NDF : 934189.8/26

In: 540.301+/-0.176 χ^2/NDF : 465864.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 536.447+/-0.118 χ^2/NDF : 934189.8/26

eigen_cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 10.462+/-24.646 χ^2/NDF : 11.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.506+/-22.194 χ^2/NDF : 18.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

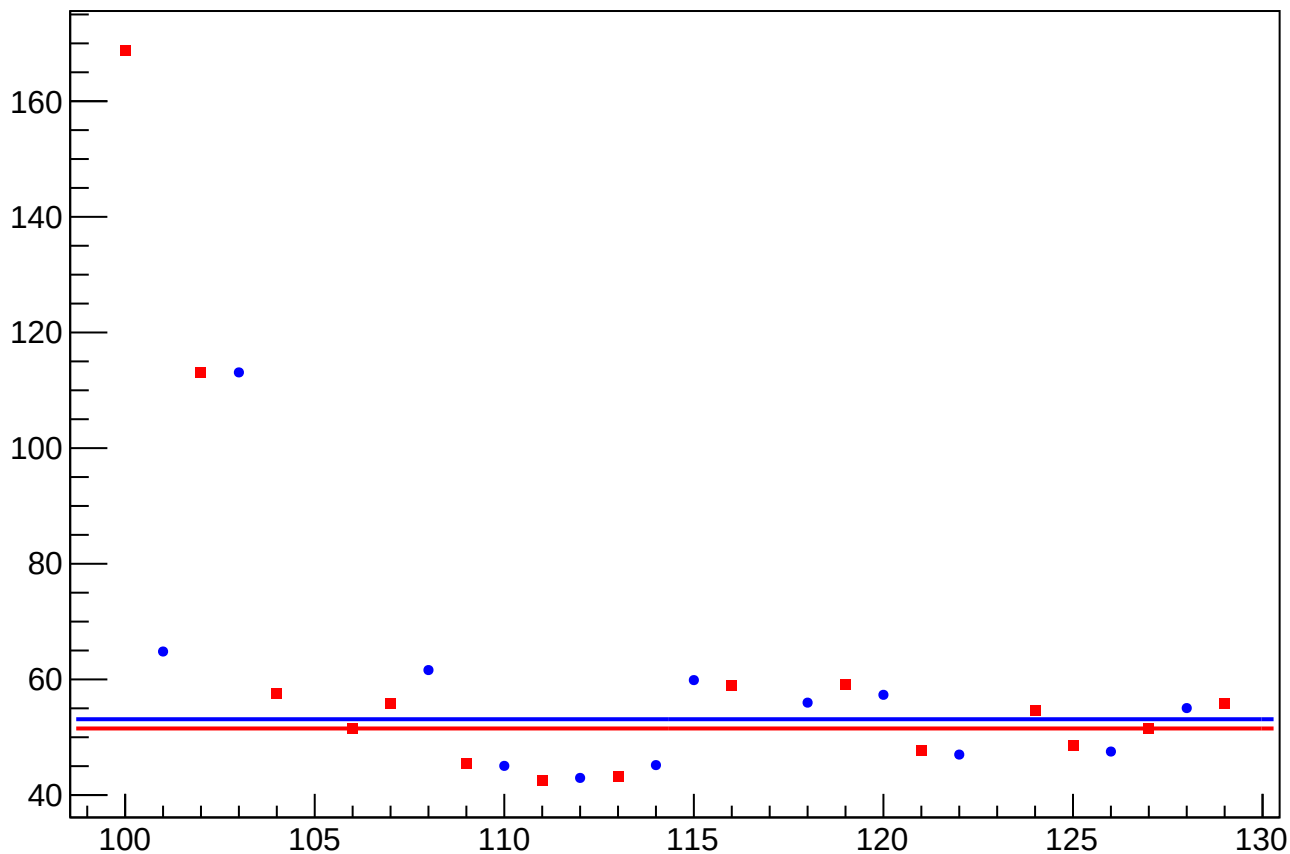
Right: 38.096+/-16.493 χ^2/NDF : 32.4/26

In: 10.462+/-24.646 χ^2/NDF : 11.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.096+/-16.493 χ^2/NDF : 32.4/26

eigen_cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 53.117+/-0.017 χ^2/NDF : 495554.5/11

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

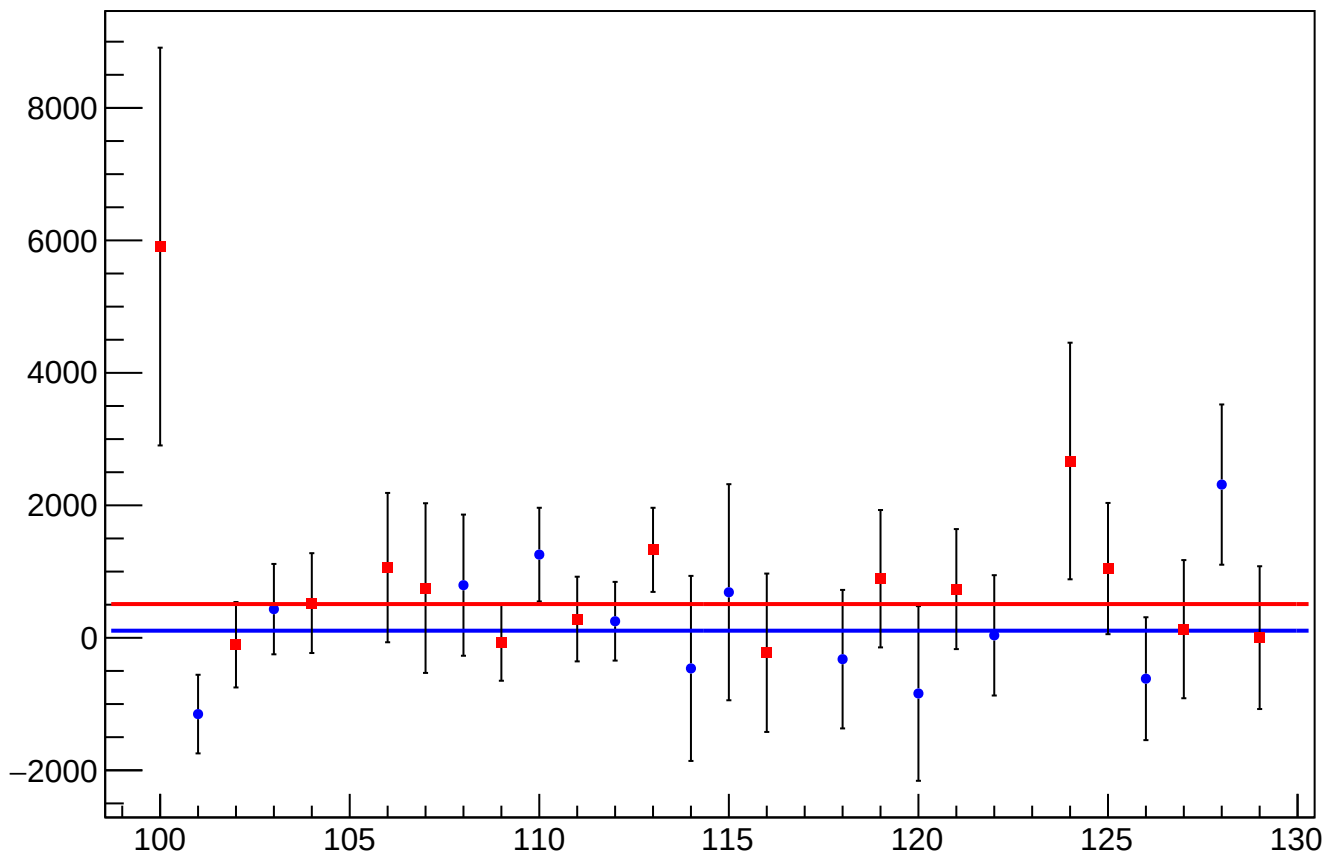
Right: 52.232+/-0.012 χ^2/NDF : 1085898.2/26

In: 53.117+/-0.017 χ^2/NDF : 495554.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.232+/-0.012 χ^2/NDF : 1085898.2/26

asym_sam_1357_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 107.504 $\pm$ 248.946 χ^2 /NDF: 12.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 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

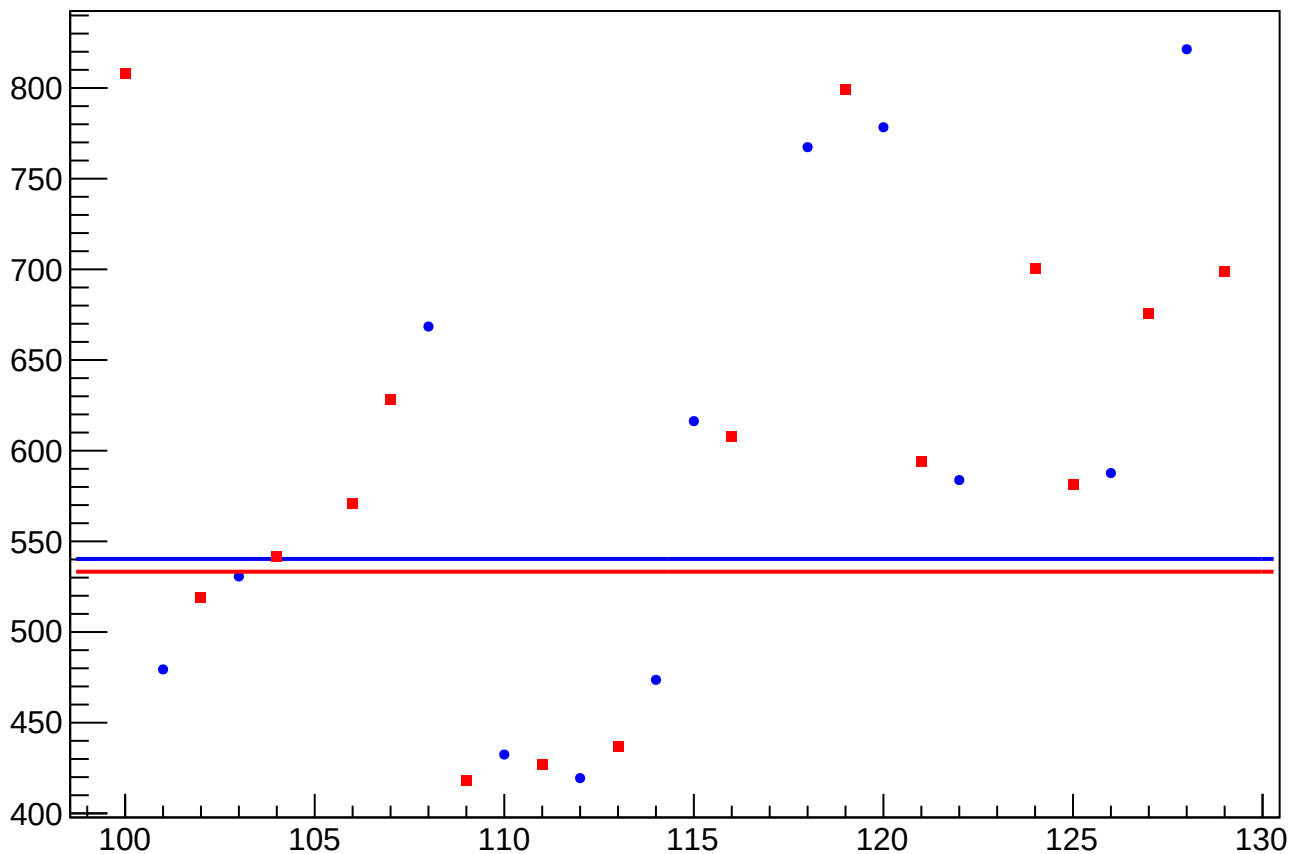
Right: 327.933 $\pm$ 167.320 χ^2 /NDF: 24.1/26

In: 107.504 $\pm$ 248.946 χ^2 /NDF: 12.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 327.933 $\pm$ 167.320 χ^2 /NDF: 24.1/26

asym_sam_1357_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 540.301+/-0.176 χ^2/NDF : 465864.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

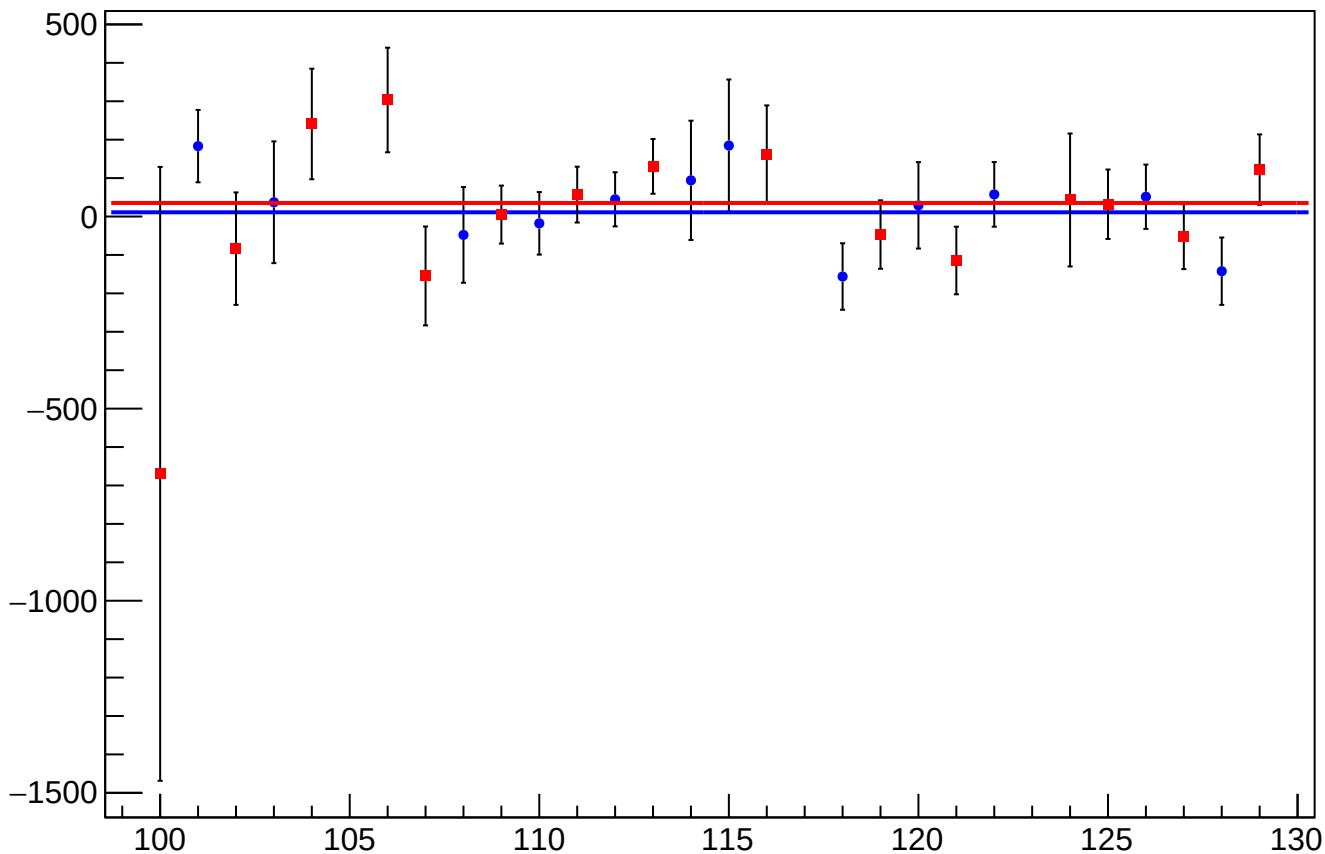
Right: 536.447+/-0.118 χ^2/NDF : 934189.8/26

In: 540.301+/-0.176 χ^2/NDF : 465864.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 536.447+/-0.118 χ^2/NDF : 934189.8/26

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 10.986+/-28.042 χ^2/NDF : 12.6/11

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

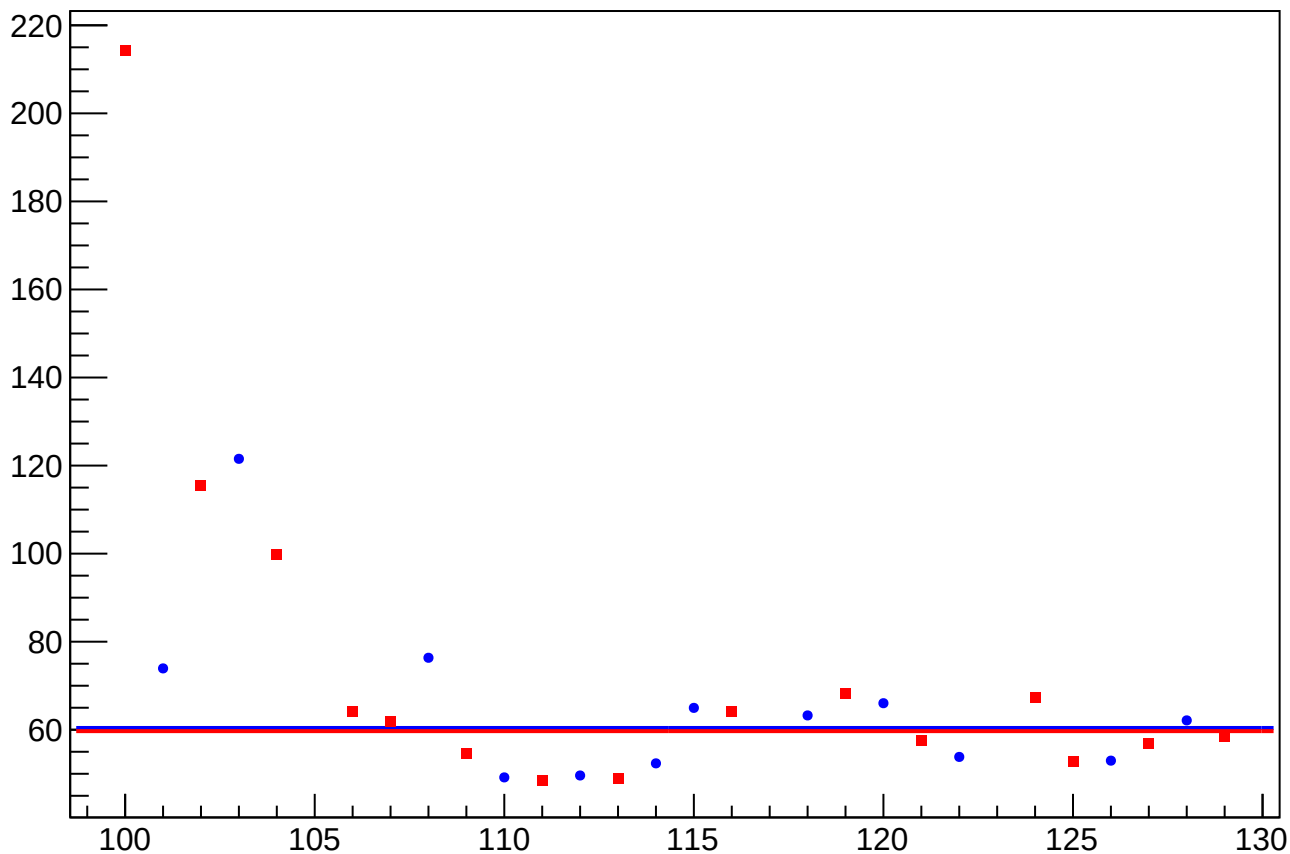
Right: 24.134+/-18.977 χ^2/NDF : 31.3/26

In: 10.986+/-28.042 χ^2/NDF : 12.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.134+/-18.977 χ^2/NDF : 31.3/26

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 60.403+/-0.020 χ^2/NDF : 499387.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.687+/-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

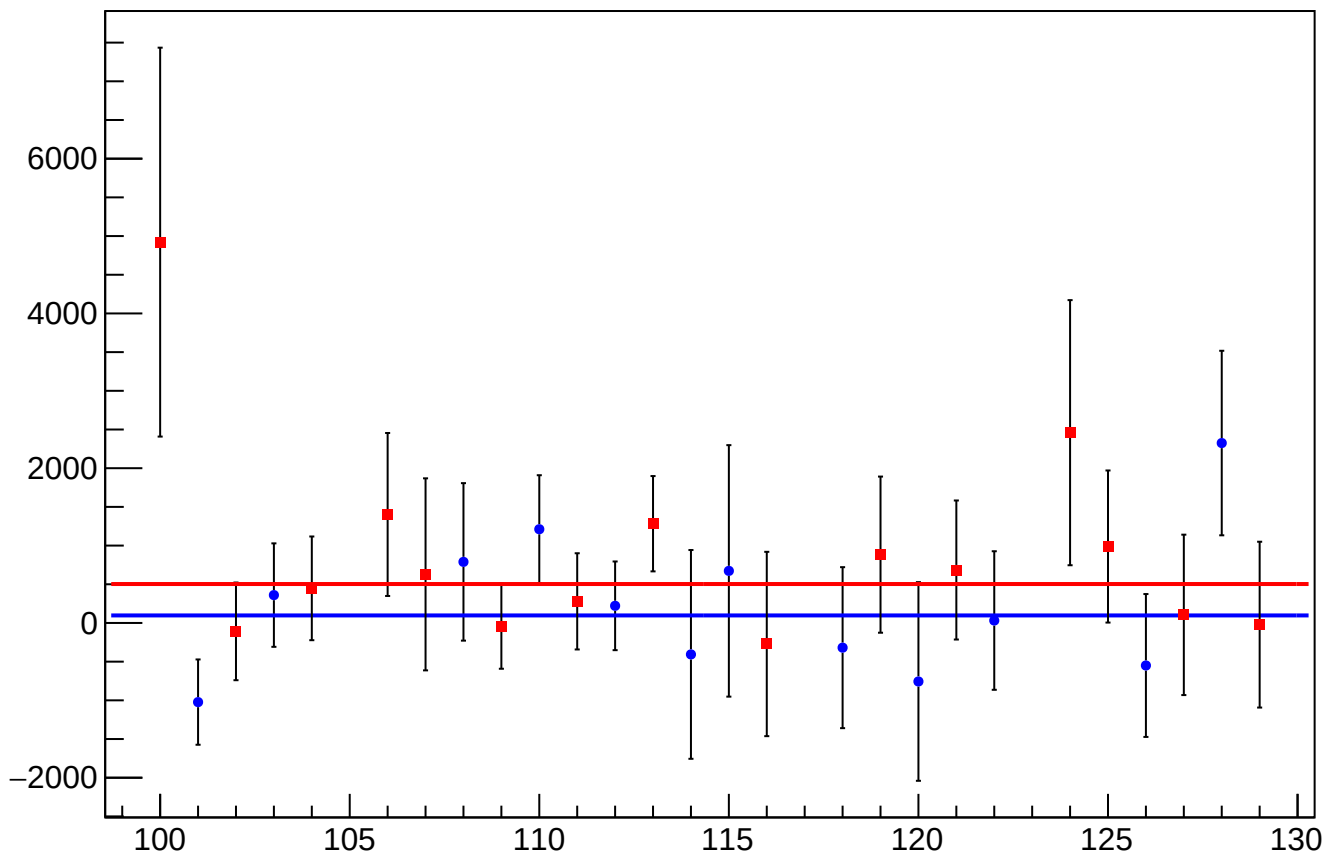
Right: 60.015+/-0.013 χ^2/NDF : 1166906.9/26

In: 60.403+/-0.020 χ^2/NDF : 499387.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.015+/-0.013 χ^2/NDF : 1166906.9/26

asym_sam_1357_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 97.285+/-241.288 χ^2/NDF : 12.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

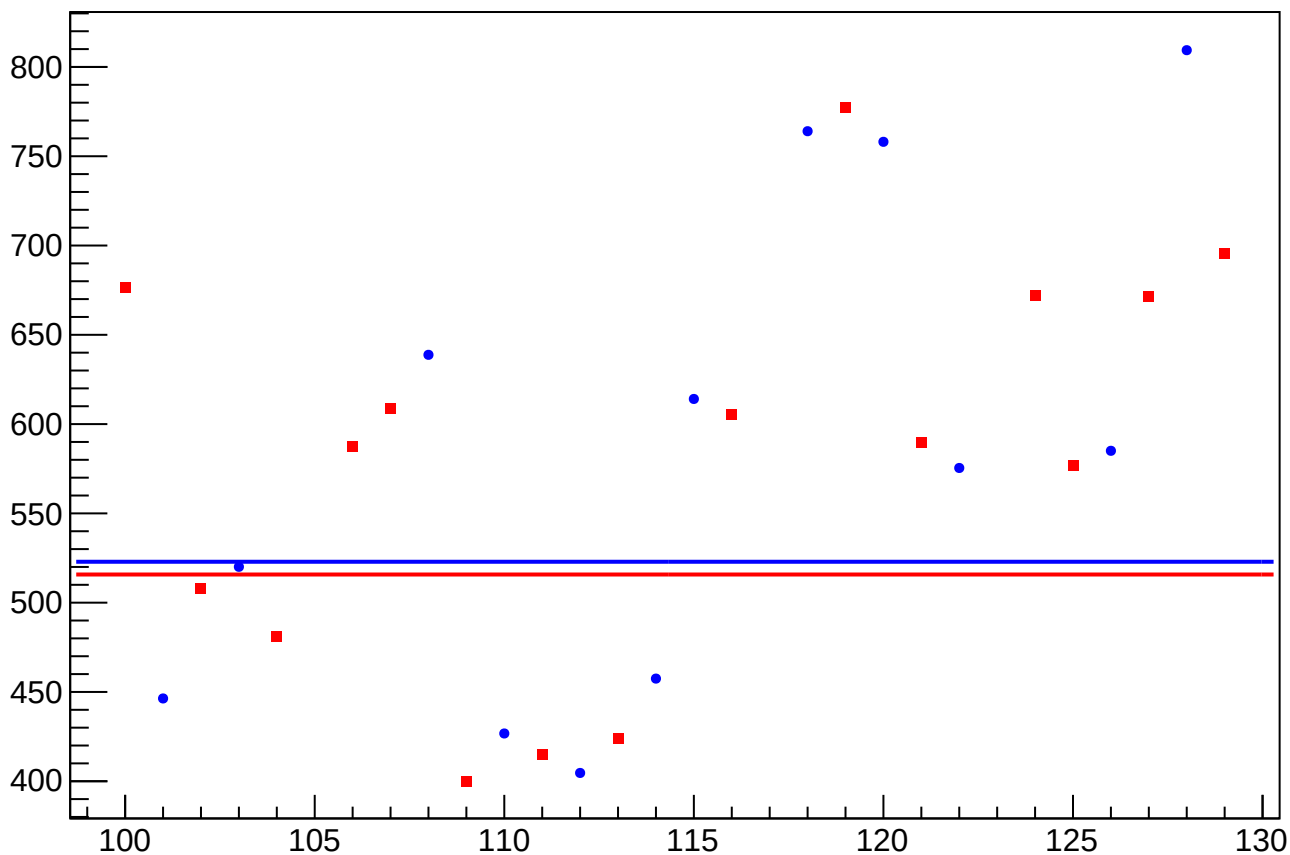
Right: 320.891+/-161.688 χ^2/NDF : 23.8/26

In: 97.285+/-241.288 χ^2/NDF : 12.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 320.891+/-161.688 χ^2/NDF : 23.8/26

asym_sam_1357_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 522.911+/-0.171 χ^2/NDF : 504695.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

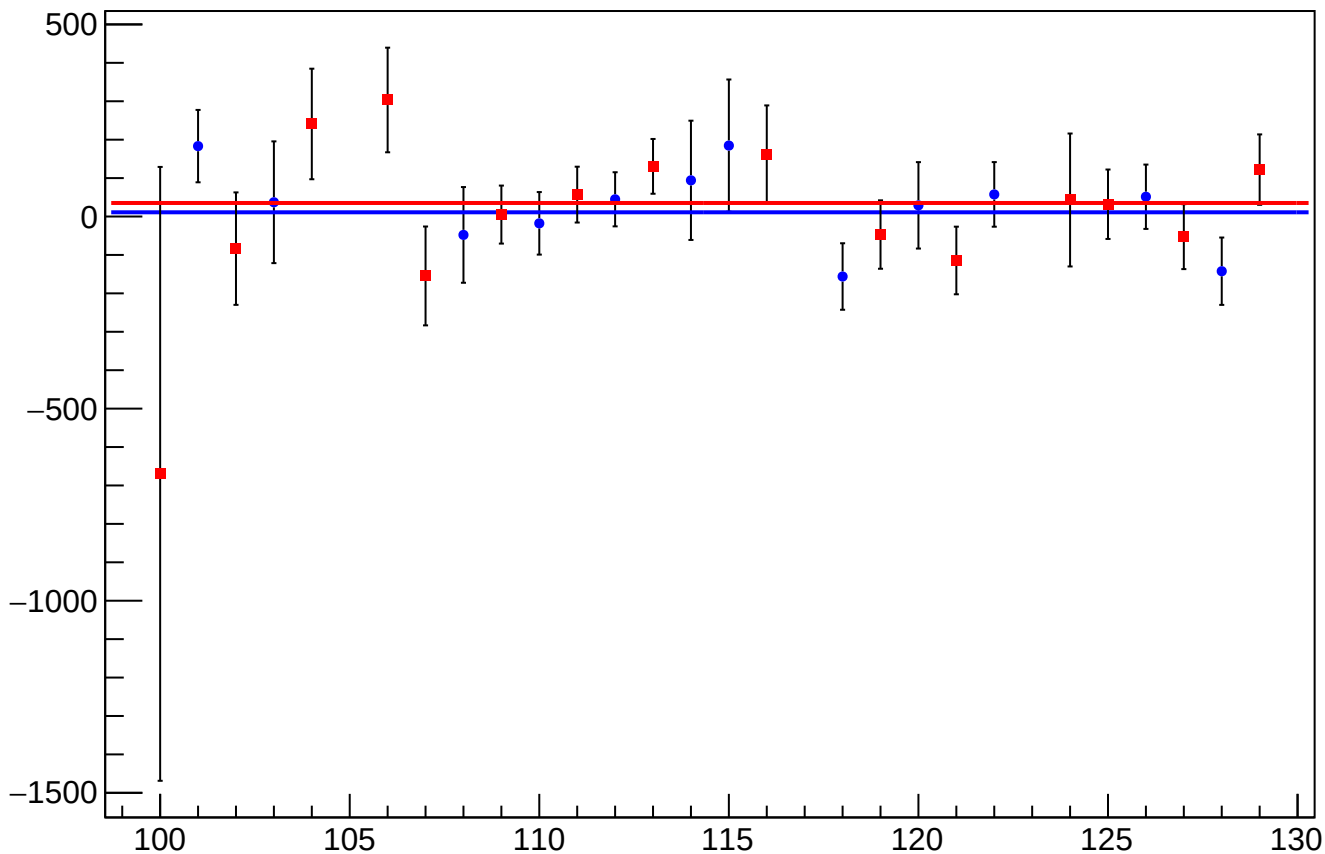
Right: 518.976+/-0.114 χ^2/NDF : 1010130.1/26

In: 522.911+/-0.171 χ^2/NDF : 504695.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 518.976+/-0.114 χ^2/NDF : 1010130.1/26

eigen_dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 10.985+/-28.043 χ^2/NDF : 12.6/11

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

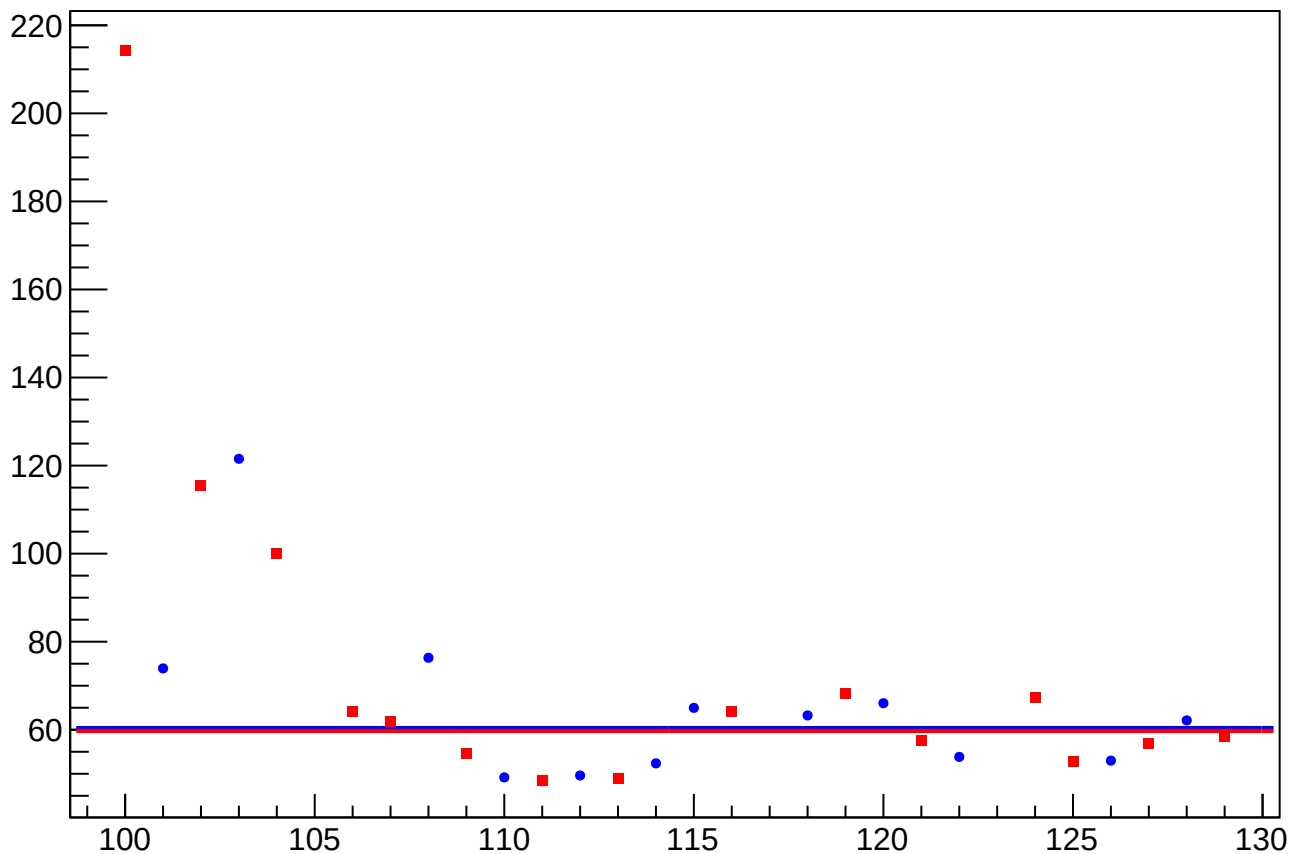
Right: 24.133+/-18.977 χ^2/NDF : 31.3/26

In: 10.985+/-28.043 χ^2/NDF : 12.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.133+/-18.977 χ^2/NDF : 31.3/26

eigen_dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 60.404+/-0.020 χ^2/NDF : 499384.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.688+/-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

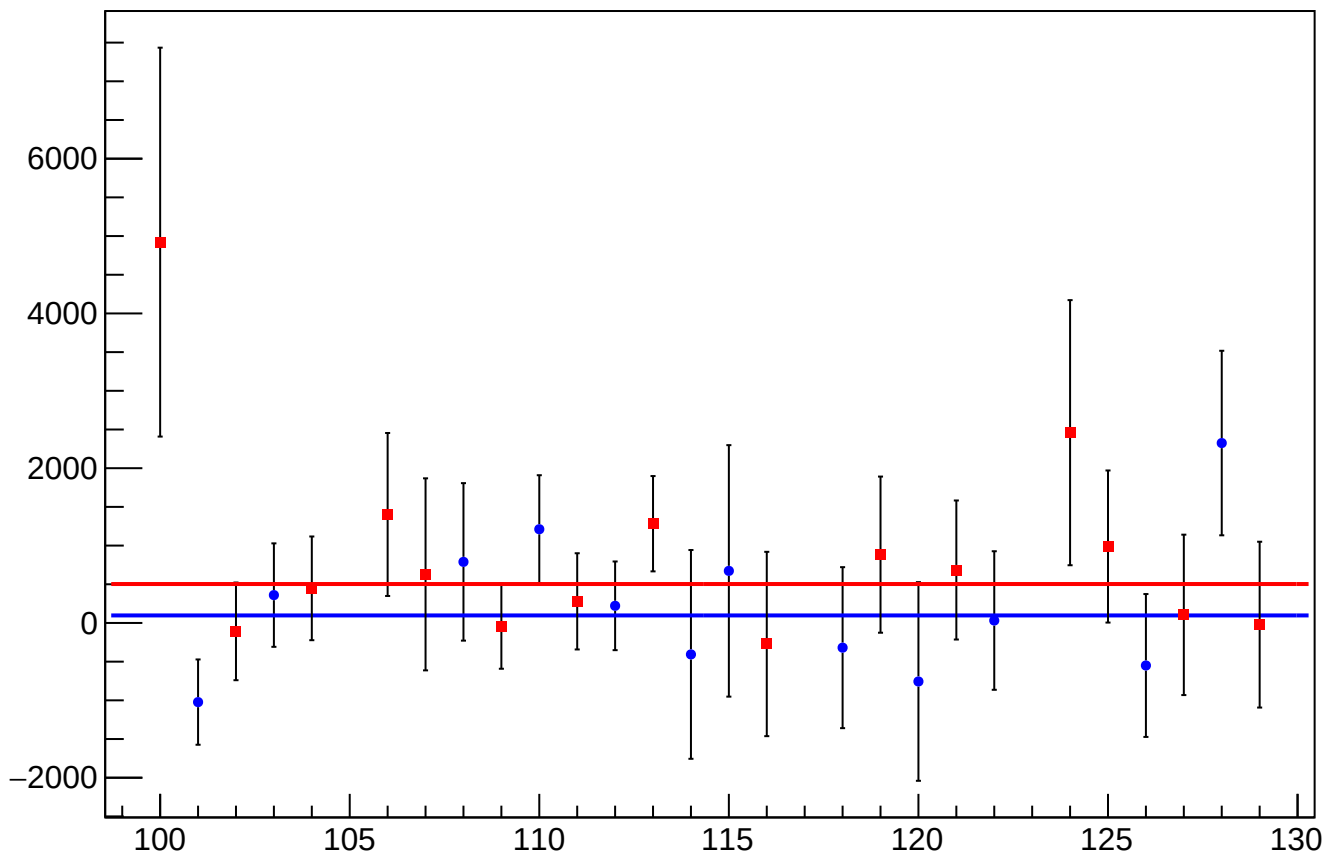
Right: 60.016+/-0.013 χ^2/NDF : 1166903.7/26

In: 60.404+/-0.020 χ^2/NDF : 499384.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.016+/-0.013 χ^2/NDF : 1166903.7/26

asym_sam_1357_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 97.285+/-241.287 χ^2/NDF : 12.2/11

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

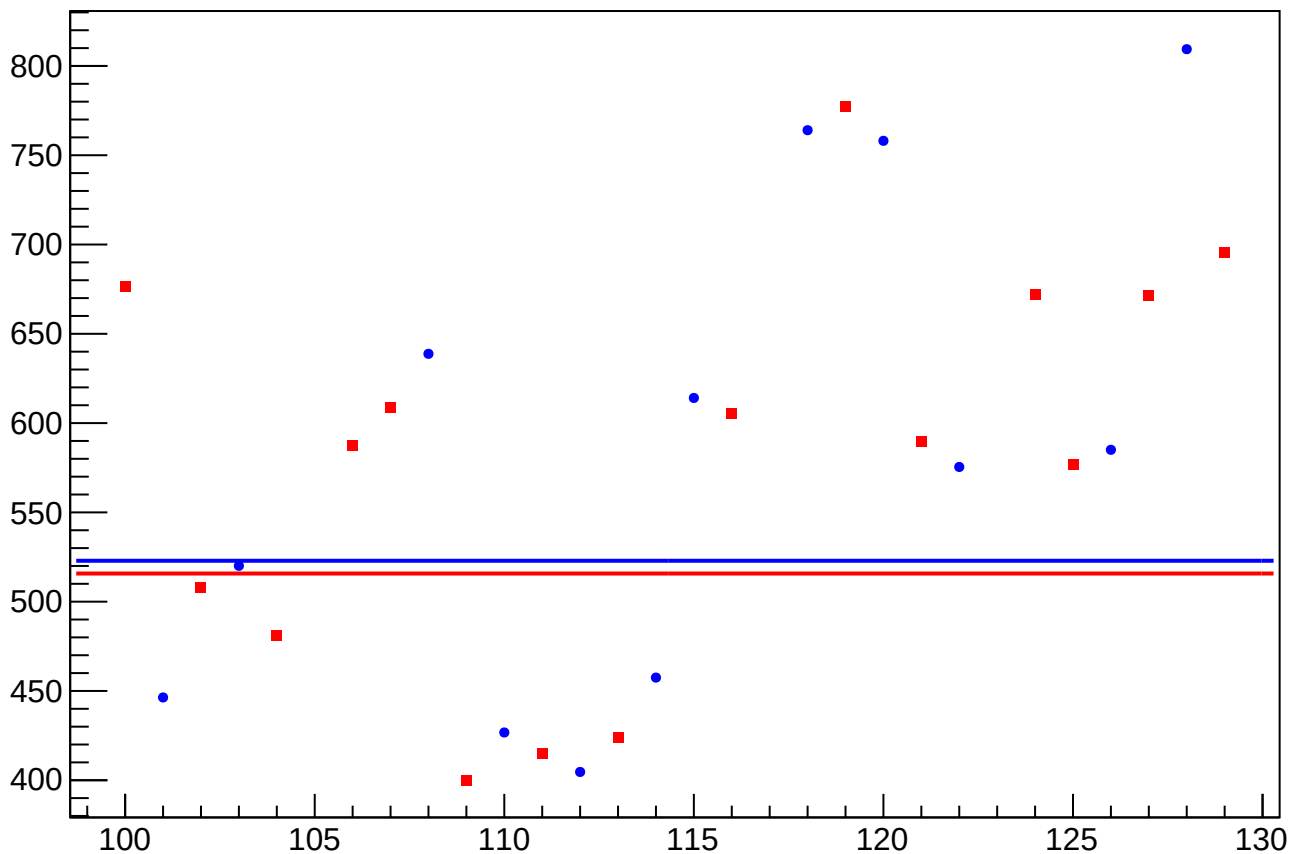
Right: 320.890+/-161.688 χ^2/NDF : 23.8/26

In: 97.285+/-241.287 χ^2/NDF : 12.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 320.890+/-161.688 χ^2/NDF : 23.8/26

asym_sam_1357_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 522.909+/-0.171 χ^2/NDF : 504700.0/11

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

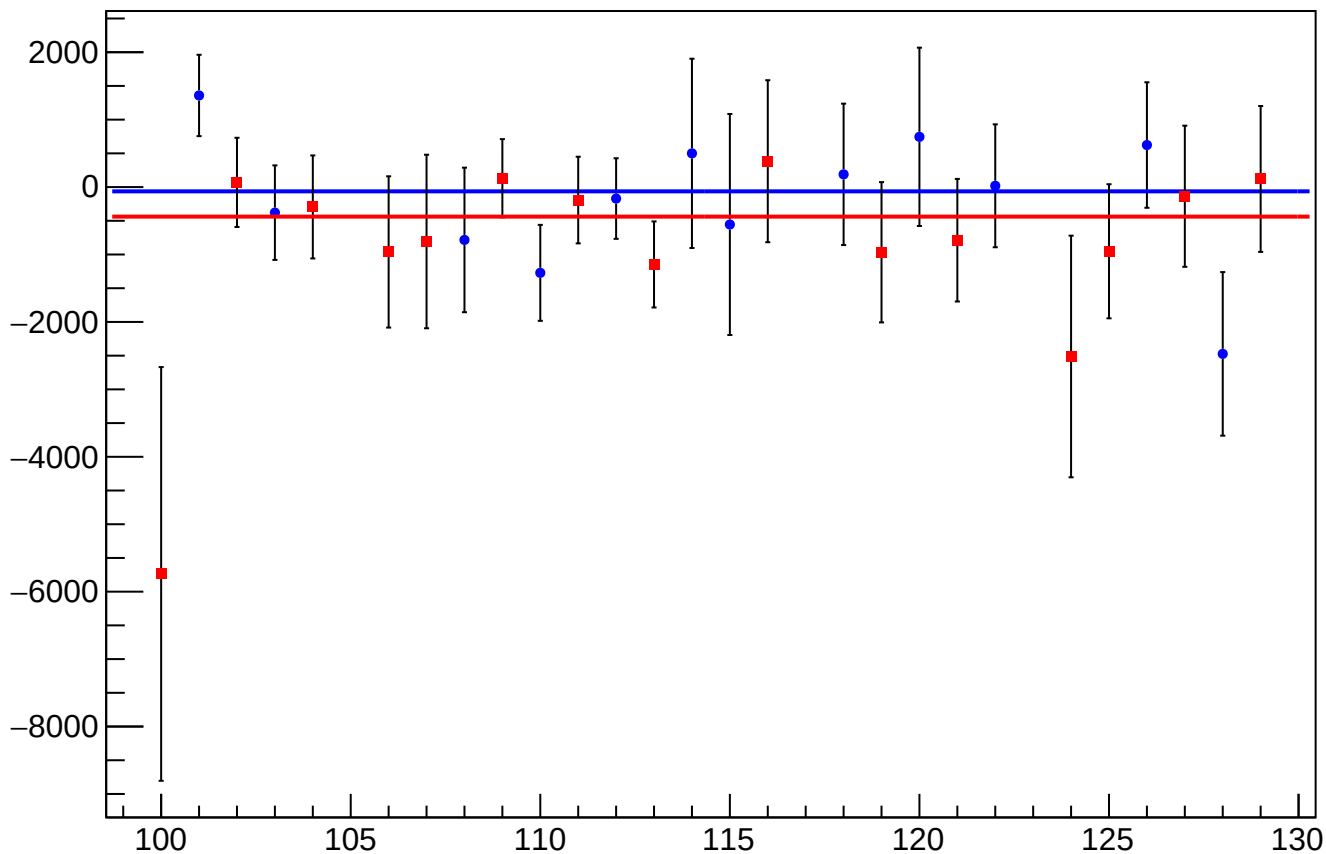
Right: 518.975+/-0.114 χ^2/NDF : 1010136.8/26

In: 522.909+/-0.171 χ^2/NDF : 504700.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 518.975+/-0.114 χ^2/NDF : 1010136.8/26

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -63.333 ± 251.329 χ^2/NDF : 14.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -438.225 ± 227.757 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

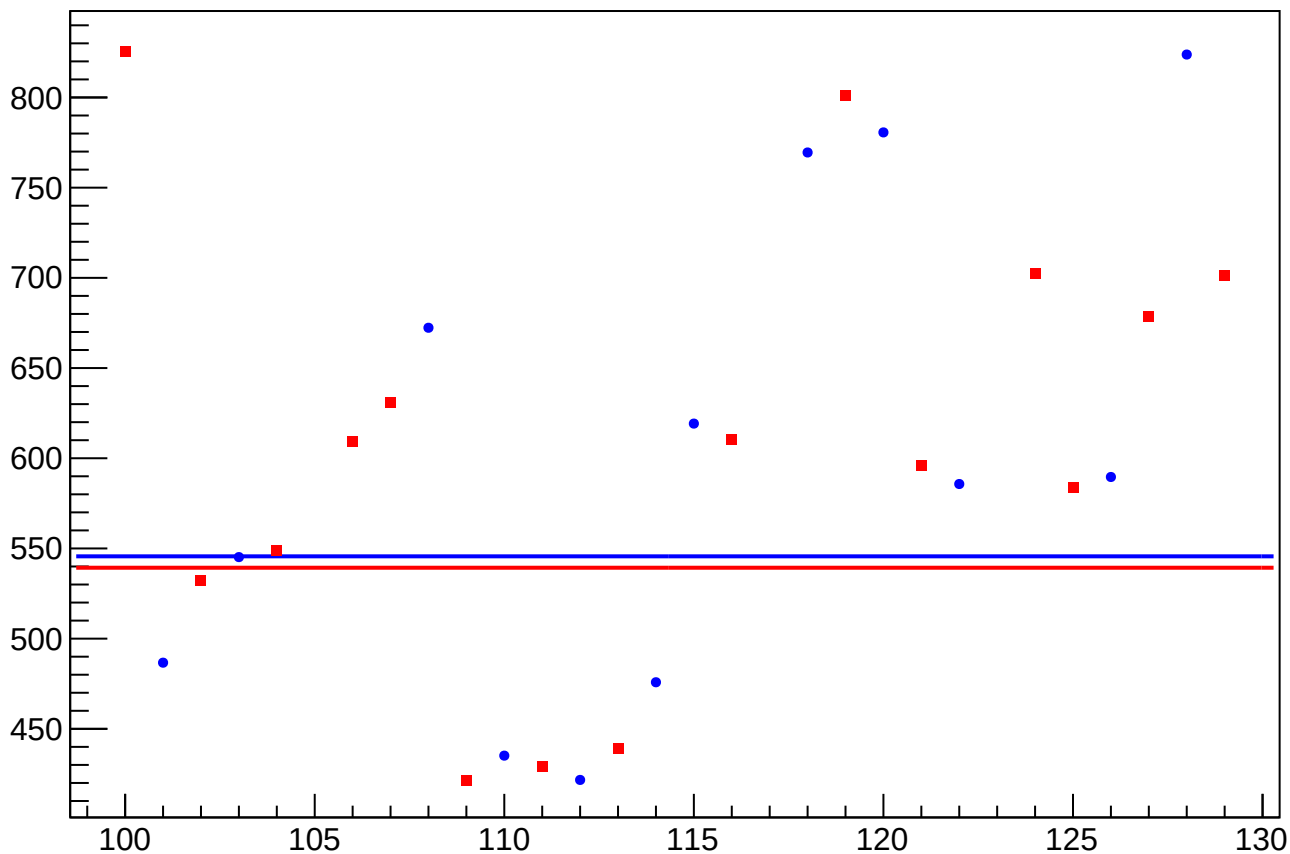
Right: -269.180 ± 168.768 χ^2/NDF : 24.6/26

In: -63.333 ± 251.329 χ^2/NDF : 14.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -269.180 ± 168.768 χ^2/NDF : 24.6/26

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 545.630+/-0.178 χ^2/NDF : 458213.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

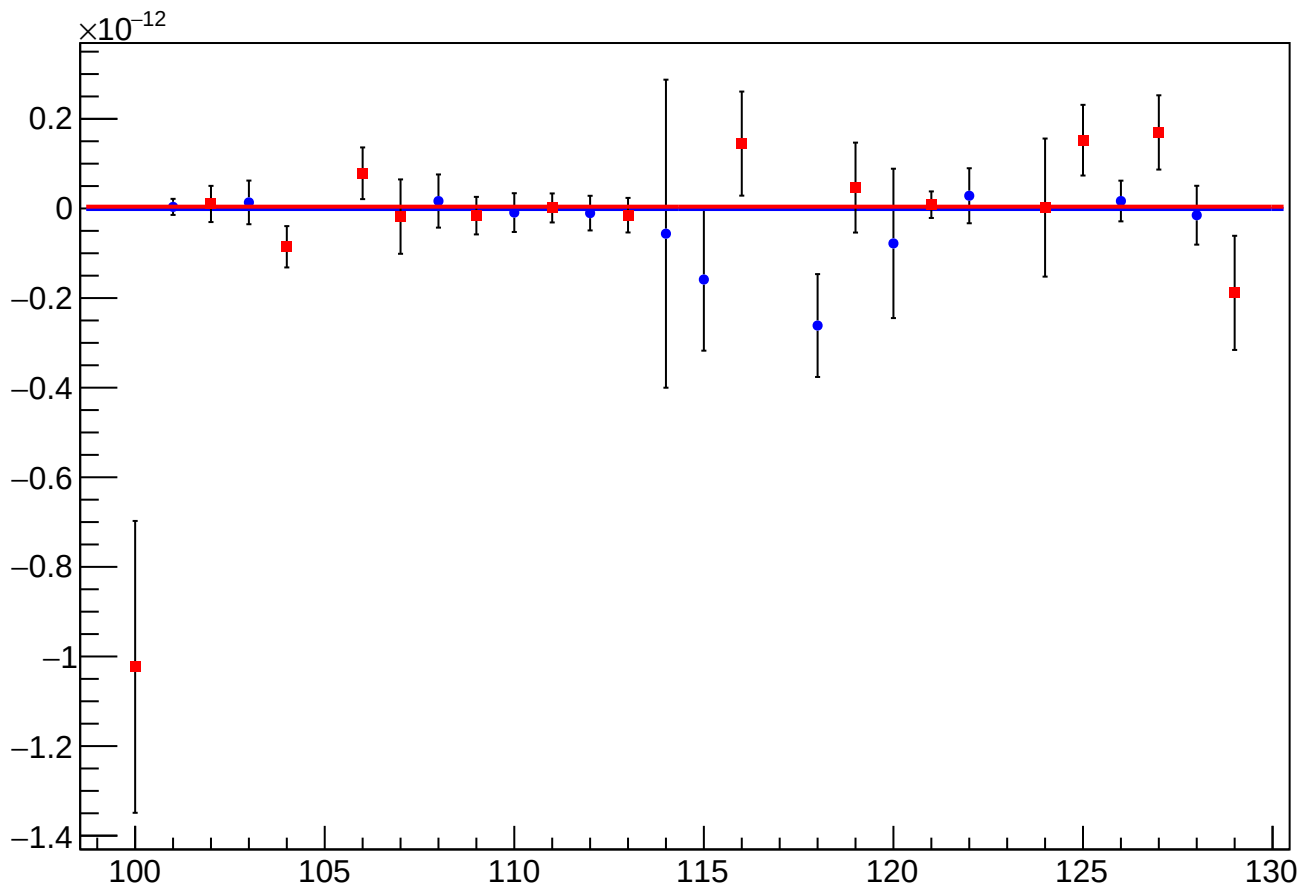
Right: 542.160+/-0.119 χ^2/NDF : 928088.3/26

In: 545.630+/-0.178 χ^2/NDF : 458213.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 542.160+/-0.119 χ^2/NDF : 928088.3/26

asym_sam_1357_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

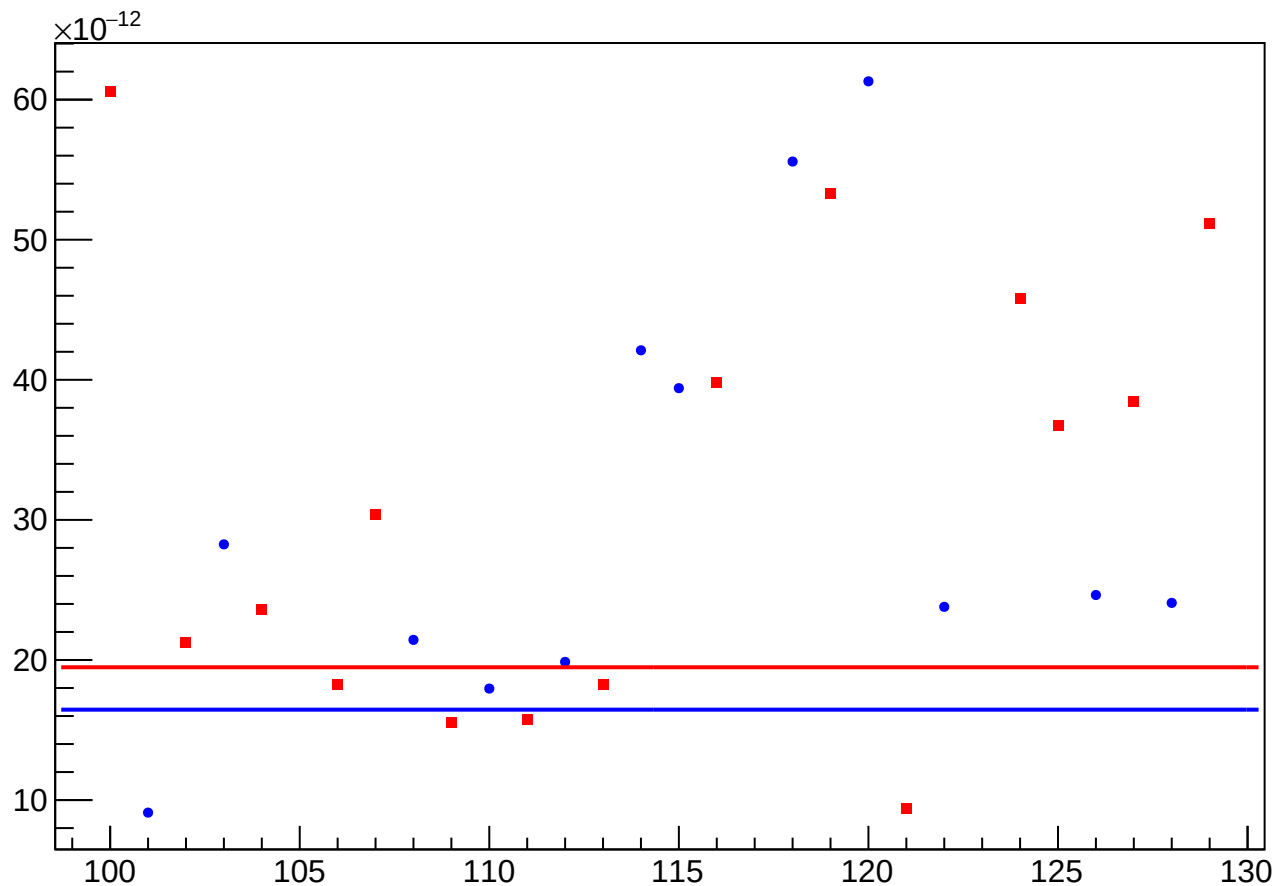
Right: 0.000+/-0.000 χ^2/NDF : 34.6/26

In: -0.000+/-0.000 χ^2/NDF : 7.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 34.6/26

asym_sam_1357_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1035935.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

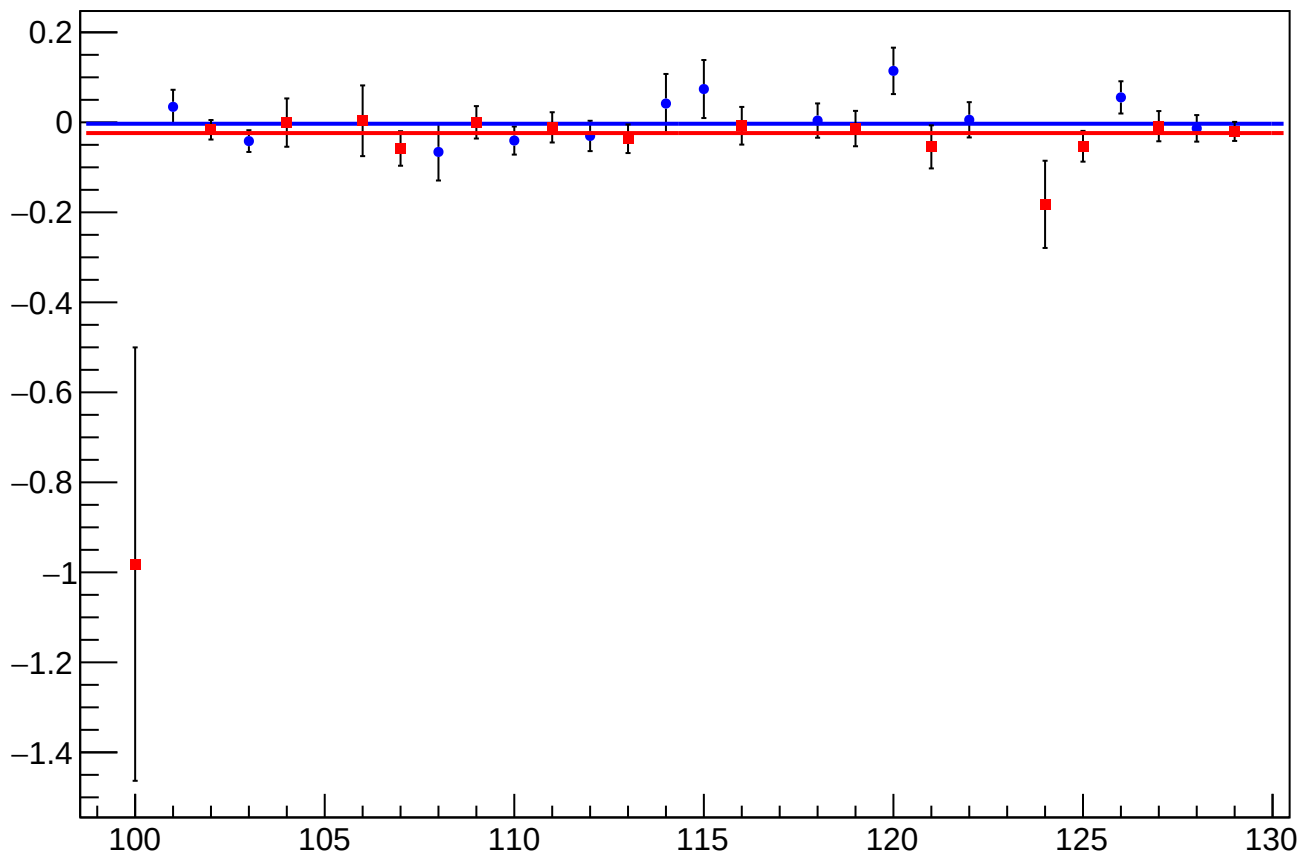
Right: 0.000+/-0.000 χ^2/NDF : 2123372.7/26

In: 0.000+/-0.000 χ^2/NDF : 1035935.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2123372.7/26

asym_sam_1357_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 $\pm$ 0.011 χ^2 /NDF: 16.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.024 $\pm$ 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

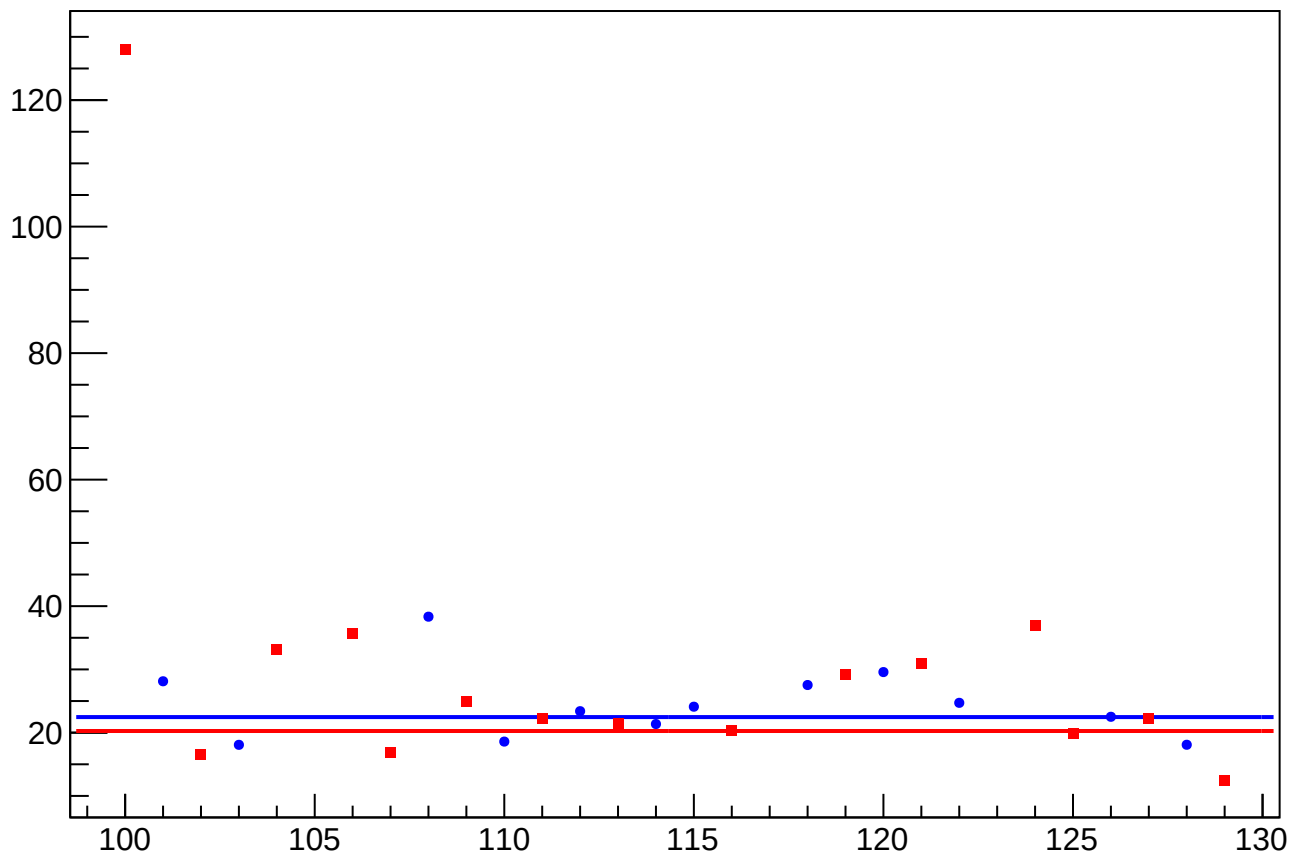
Right: -0.015 $\pm$ 0.007 χ^2 /NDF: 28.9/26

In: -0.003 $\pm$ 0.011 χ^2 /NDF:16.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.015 $\pm$ 0.007 χ^2 /NDF: 28.9/26

asym_sam_1357_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.465+/-0.008 χ^2/NDF : 393539.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

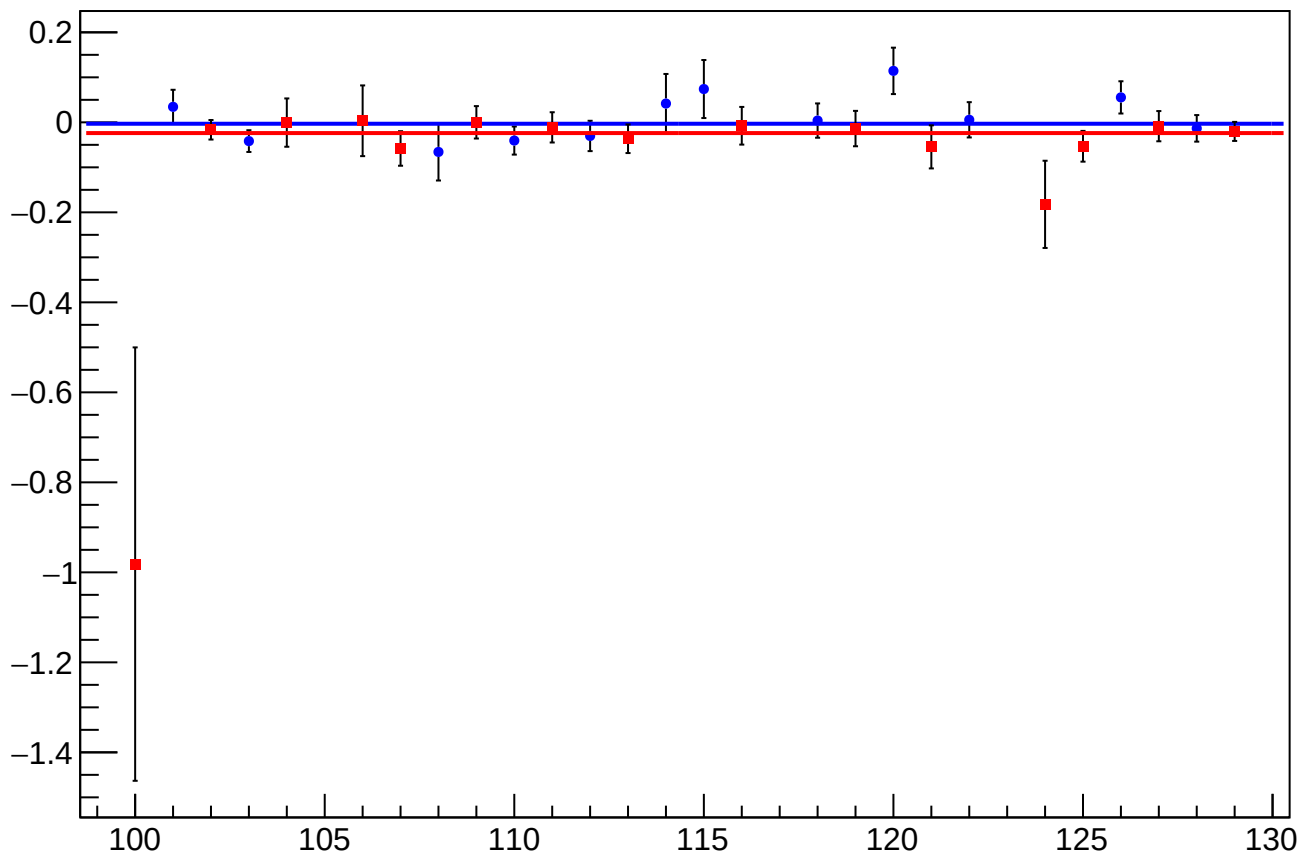
Right: 21.201+/-0.005 χ^2/NDF : 1394759.2/26

In: 22.465+/-0.008 χ^2/NDF : 393539.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.201+/-0.005 χ^2/NDF : 1394759.2/26

asym_sam_1357_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003+/-0.011 χ^2/NDF : 16.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.024+/-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

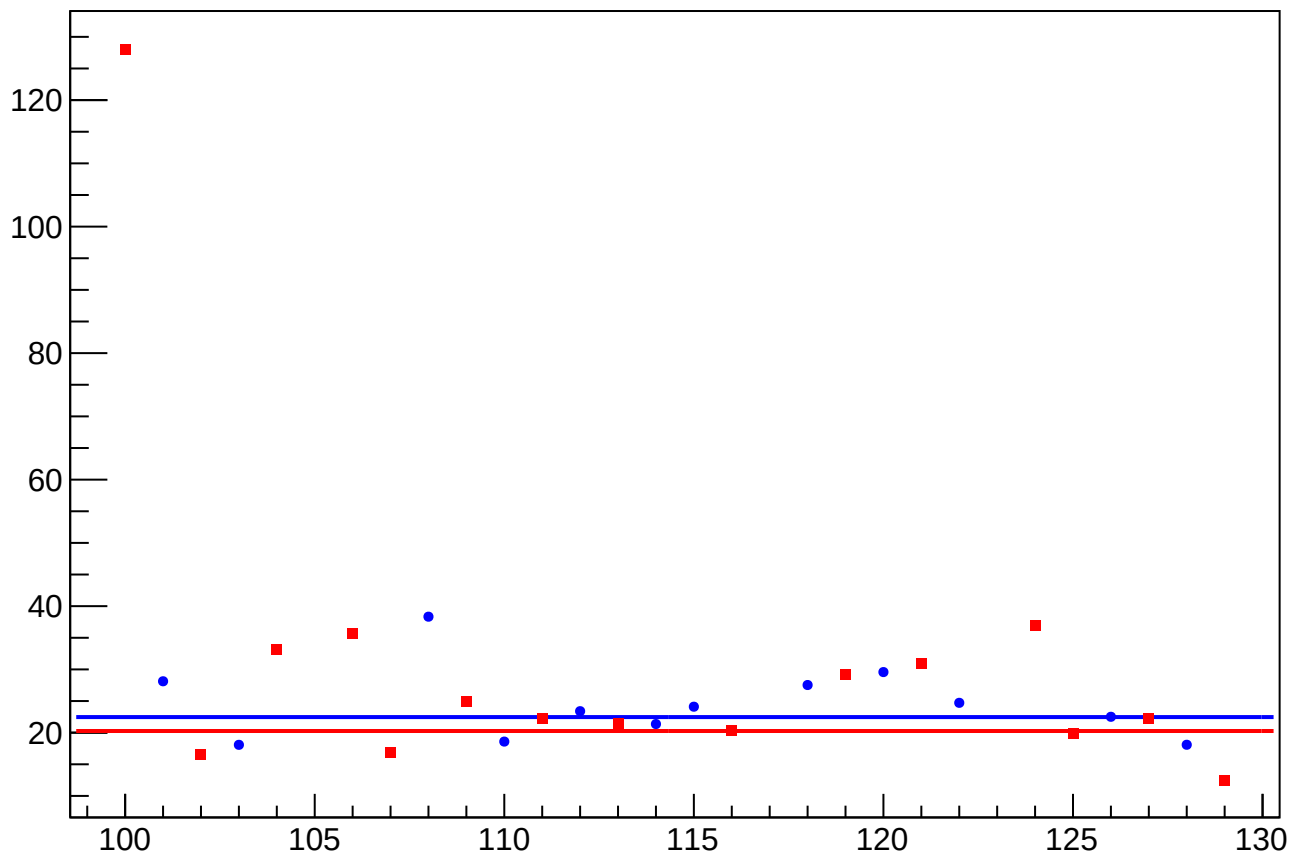
Right: -0.015+/-0.007 χ^2/NDF : 28.9/26

In: -0.003+/-0.011 χ^2/NDF : 16.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.015+/-0.007 χ^2/NDF : 28.9/26

asym_sam_1357_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.465 ± 0.008 χ^2/NDF : 393539.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 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

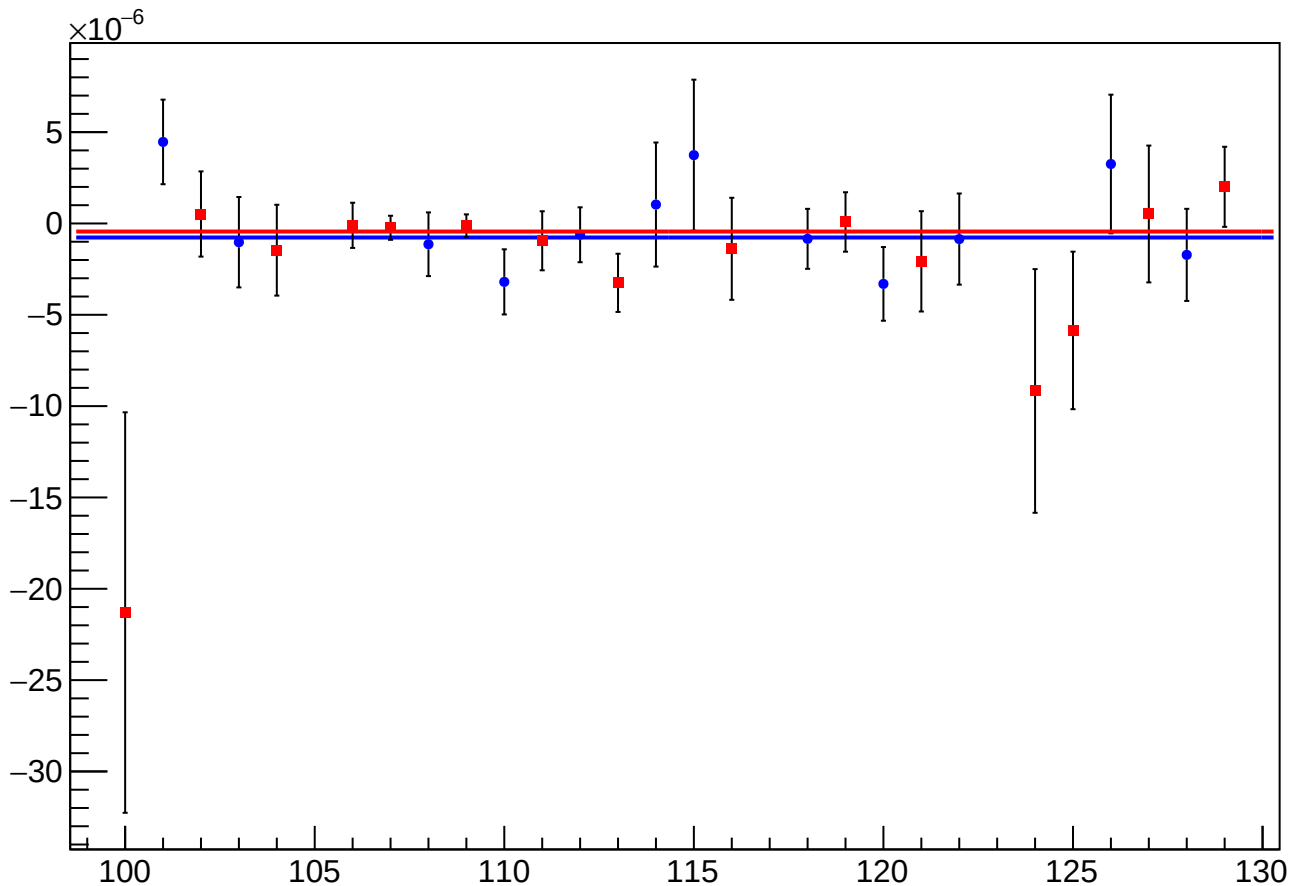
Right: 21.201 ± 0.005 χ^2/NDF : 1394759.2/26

In: 22.465 ± 0.008 χ^2/NDF : 393539.9/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 21.201 ± 0.005 χ^2/NDF : 1394759.2/26

asym_sam_1357_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 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

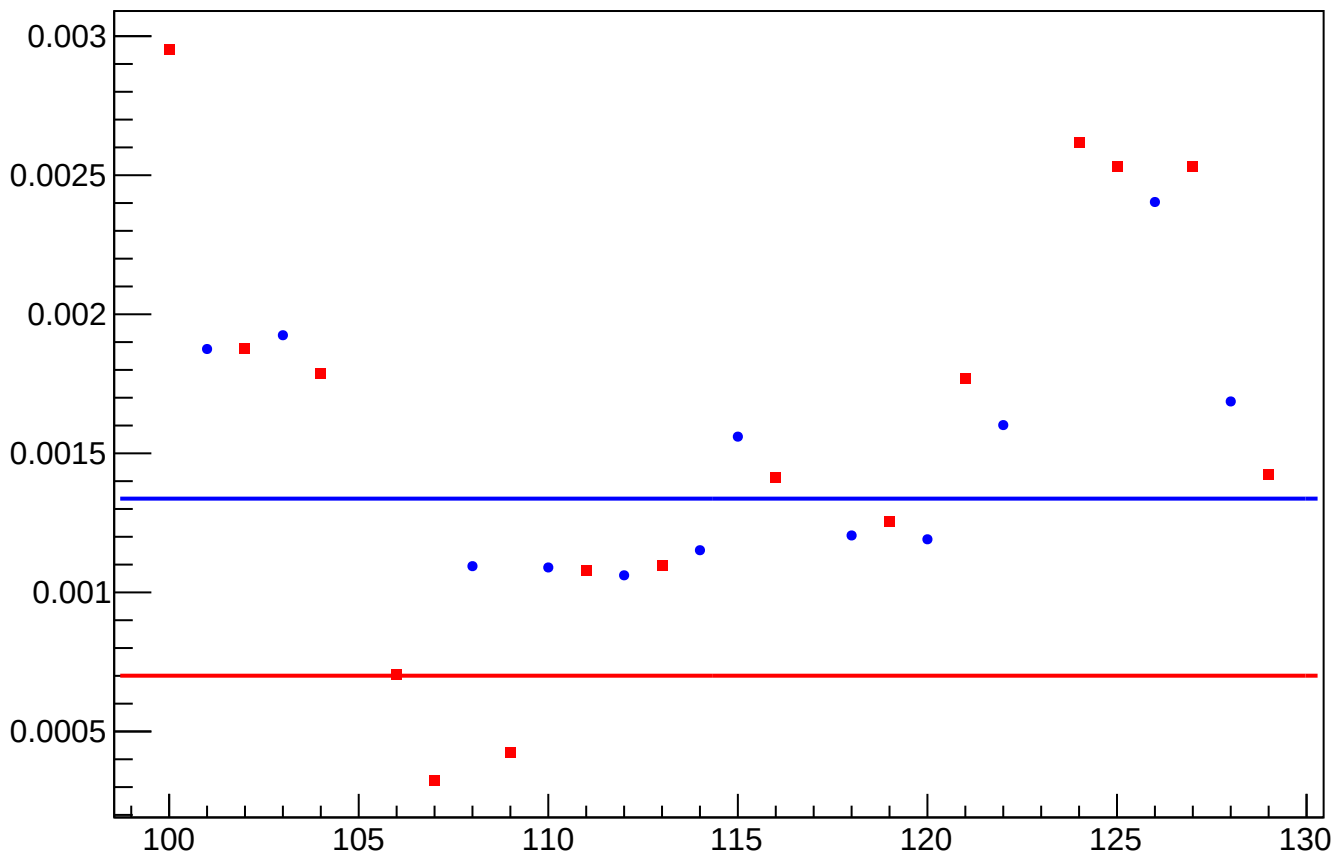
Right: -0.000+/-0.000 χ^2/NDF : 24.3/26

In: -0.000+/-0.000 χ^2/NDF : 11.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.3/26

asym_sam_1357_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 619476.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 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

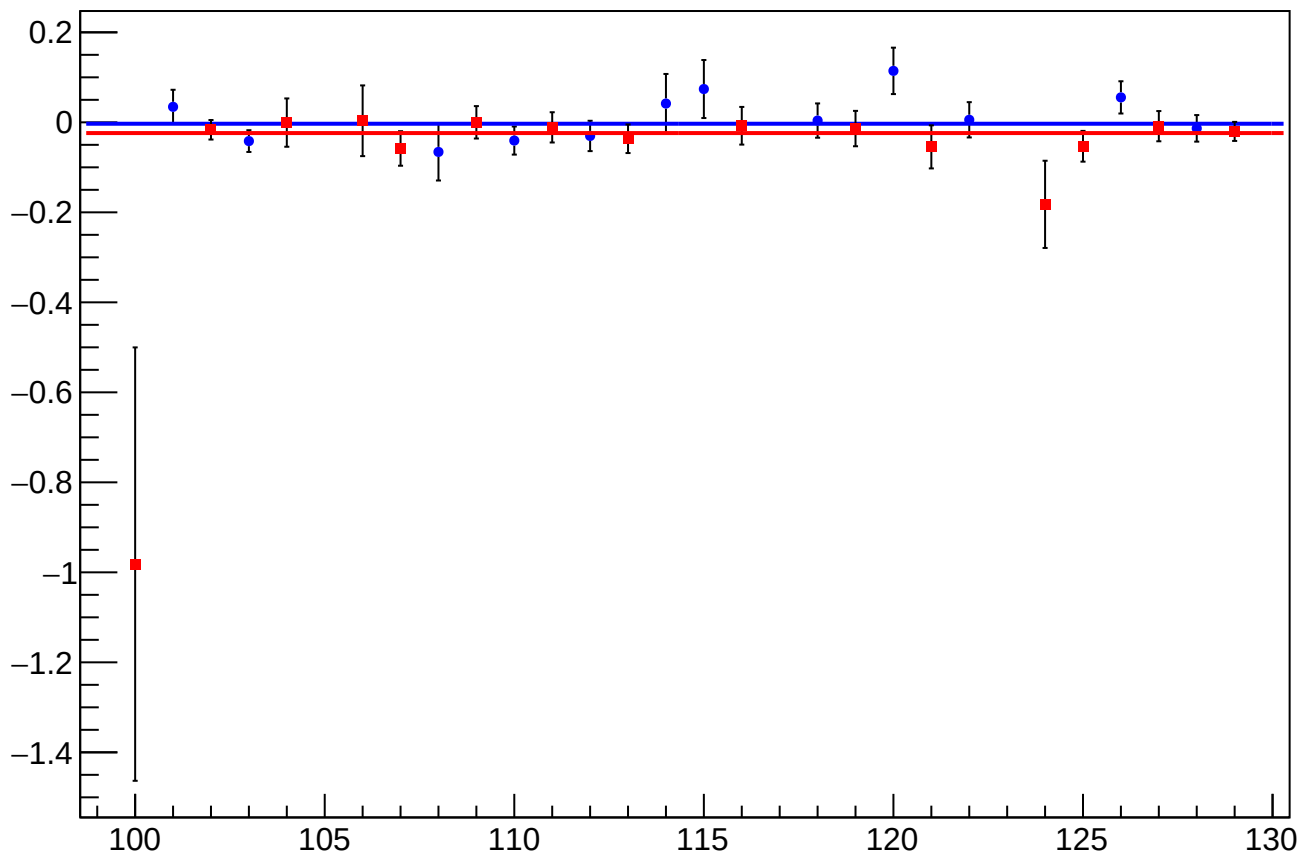
Right: 0.001+/-0.000 χ^2/NDF : 6328412.2/26

In: 0.001+/-0.000 χ^2/NDF : 619476.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6328412.2/26

asym_sam_1357_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003+/-0.011 χ^2/NDF : 16.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.024+/-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

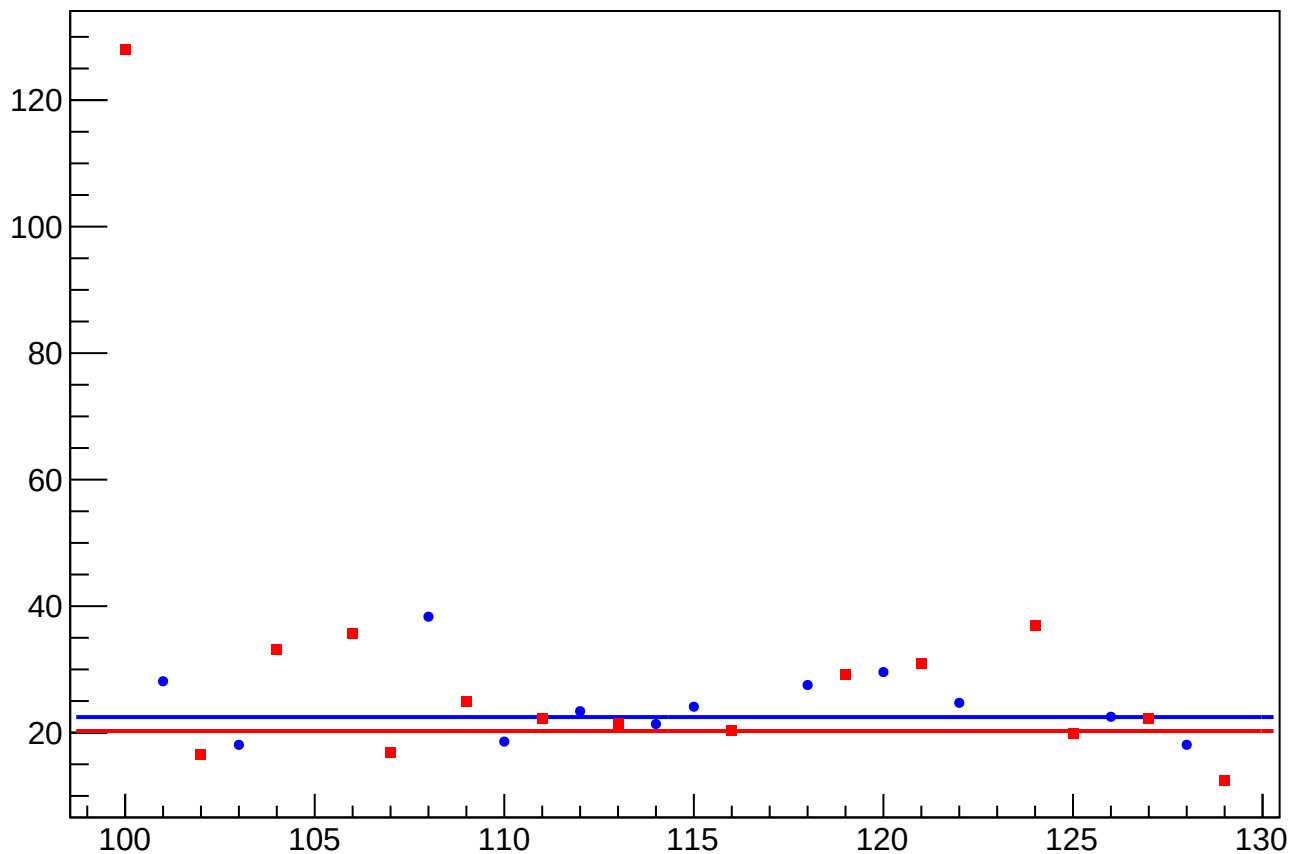
Right: -0.015+/-0.007 χ^2/NDF : 28.9/26

In: -0.003+/-0.011 χ^2/NDF : 16.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.015+/-0.007 χ^2/NDF : 28.9/26

asym_sam_1357_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.466 ± 0.008 χ^2/NDF : 393552.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 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

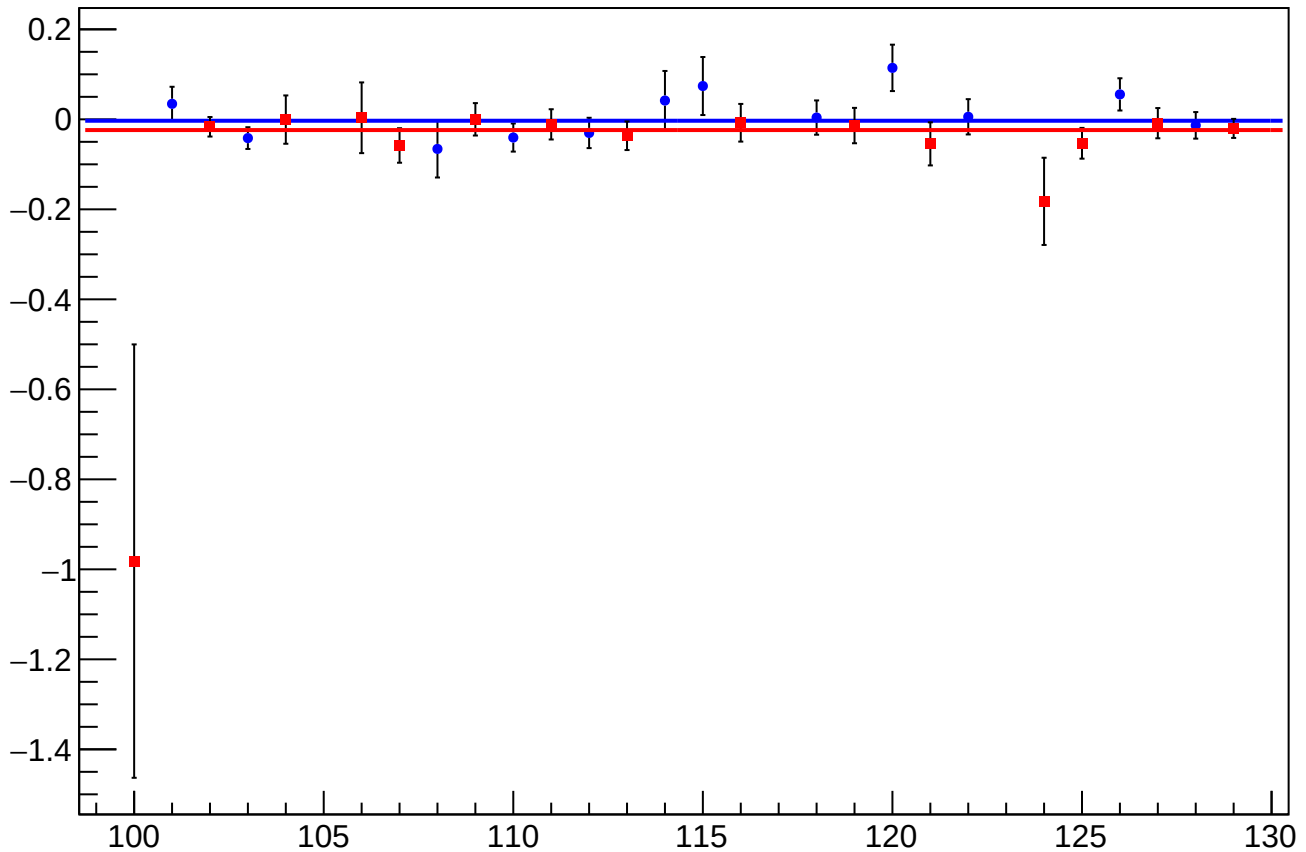
Right: 21.201 ± 0.005 χ^2/NDF : 1394773.2/26

In: 22.466 ± 0.008 χ^2/NDF : 393552.9/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 21.201 ± 0.005 χ^2/NDF : 1394773.2/26

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003+/-0.011 χ^2/NDF : 16.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.024+/-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

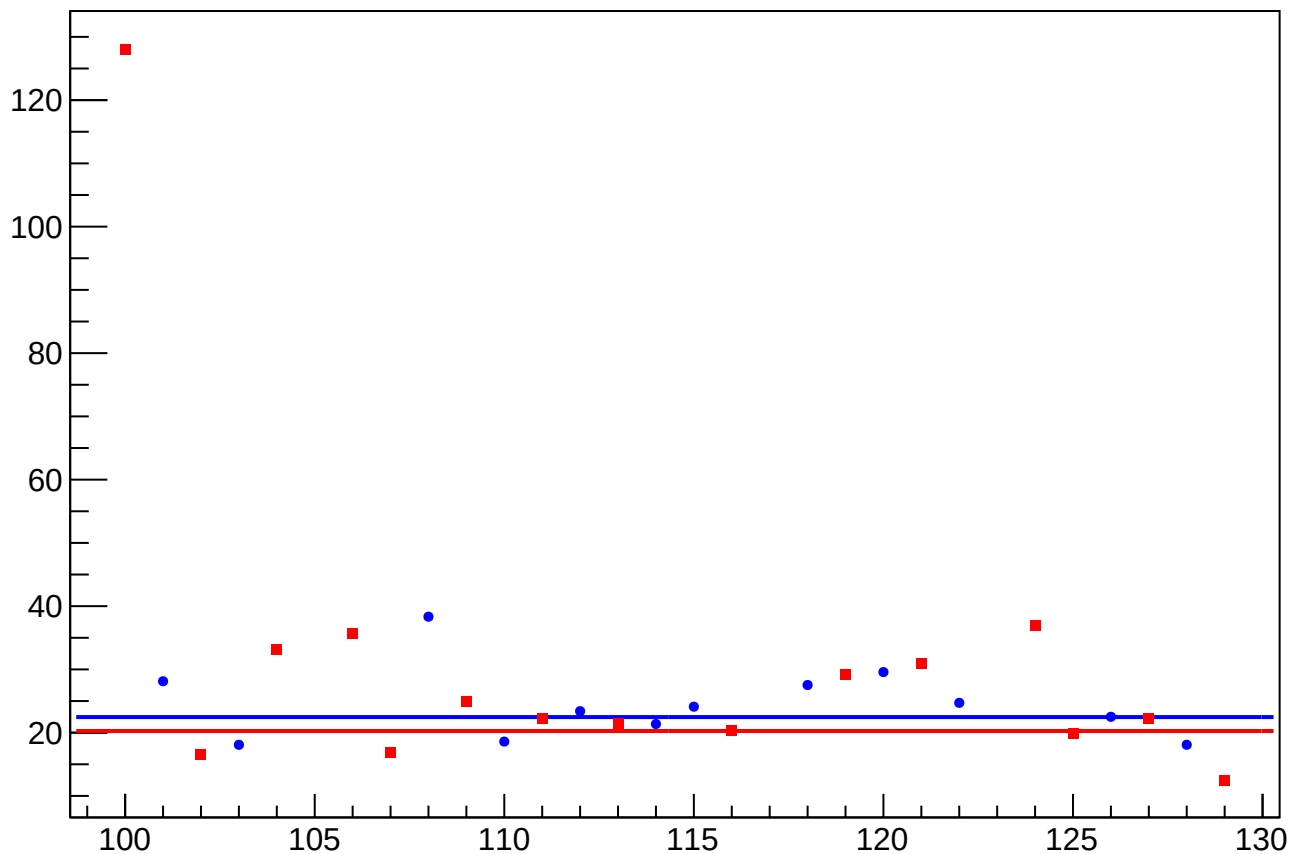
Right: -0.015+/-0.007 χ^2/NDF : 28.9/26

In: -0.003+/-0.011 χ^2/NDF : 16.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.015+/-0.007 χ^2/NDF : 28.9/26

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.466+/-0.008 χ^2/NDF : 393552.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

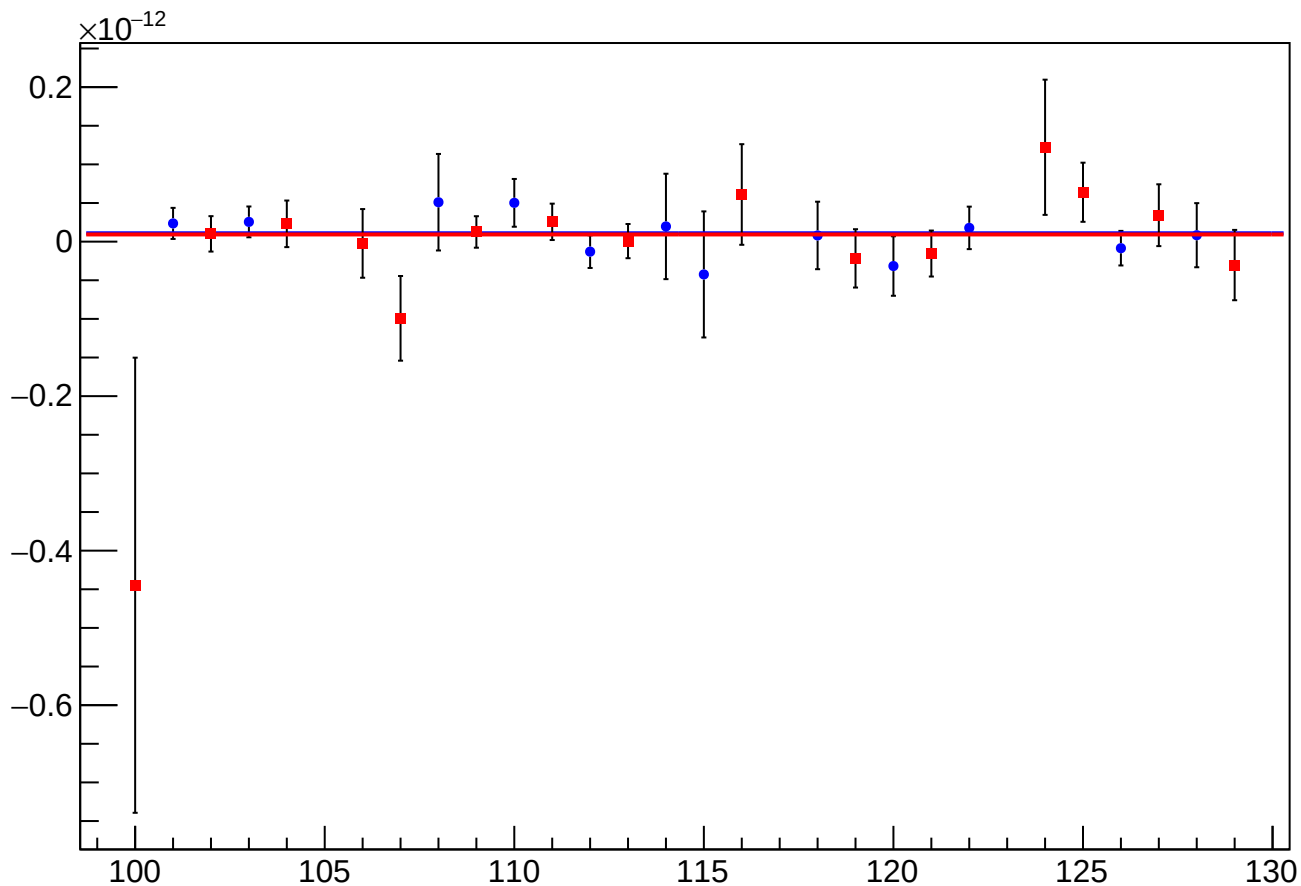
Right: 21.201+/-0.005 χ^2/NDF : 1394773.2/26

In: 22.466+/-0.008 χ^2/NDF : 393552.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.201+/-0.005 χ^2/NDF : 1394773.2/26

asym_sam_1357_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

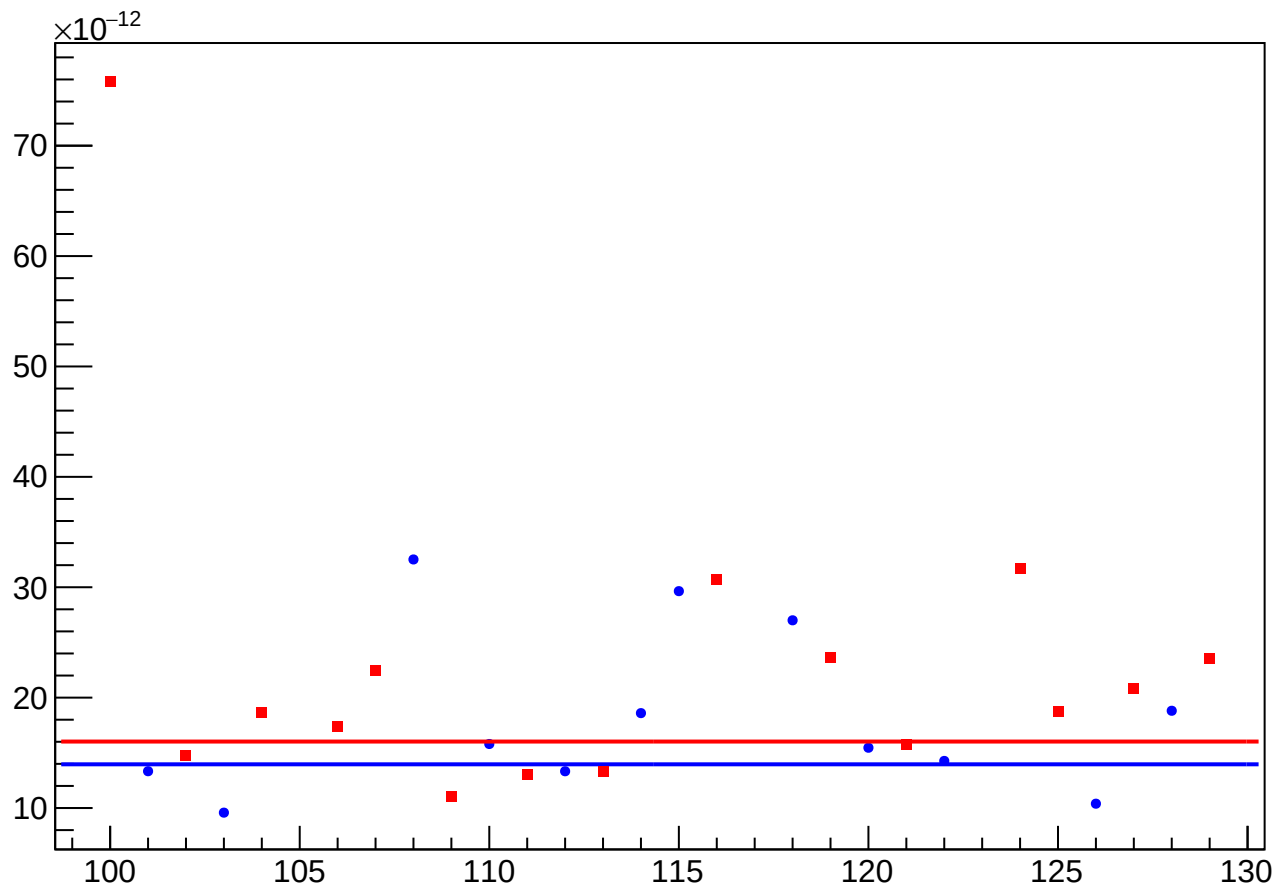
Right: 0.000+/-0.000 χ^2/NDF : 20.8/26

In: 0.000+/-0.000 χ^2/NDF : 6.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.8/26

asym_sam_1357_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 626710.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 655551.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

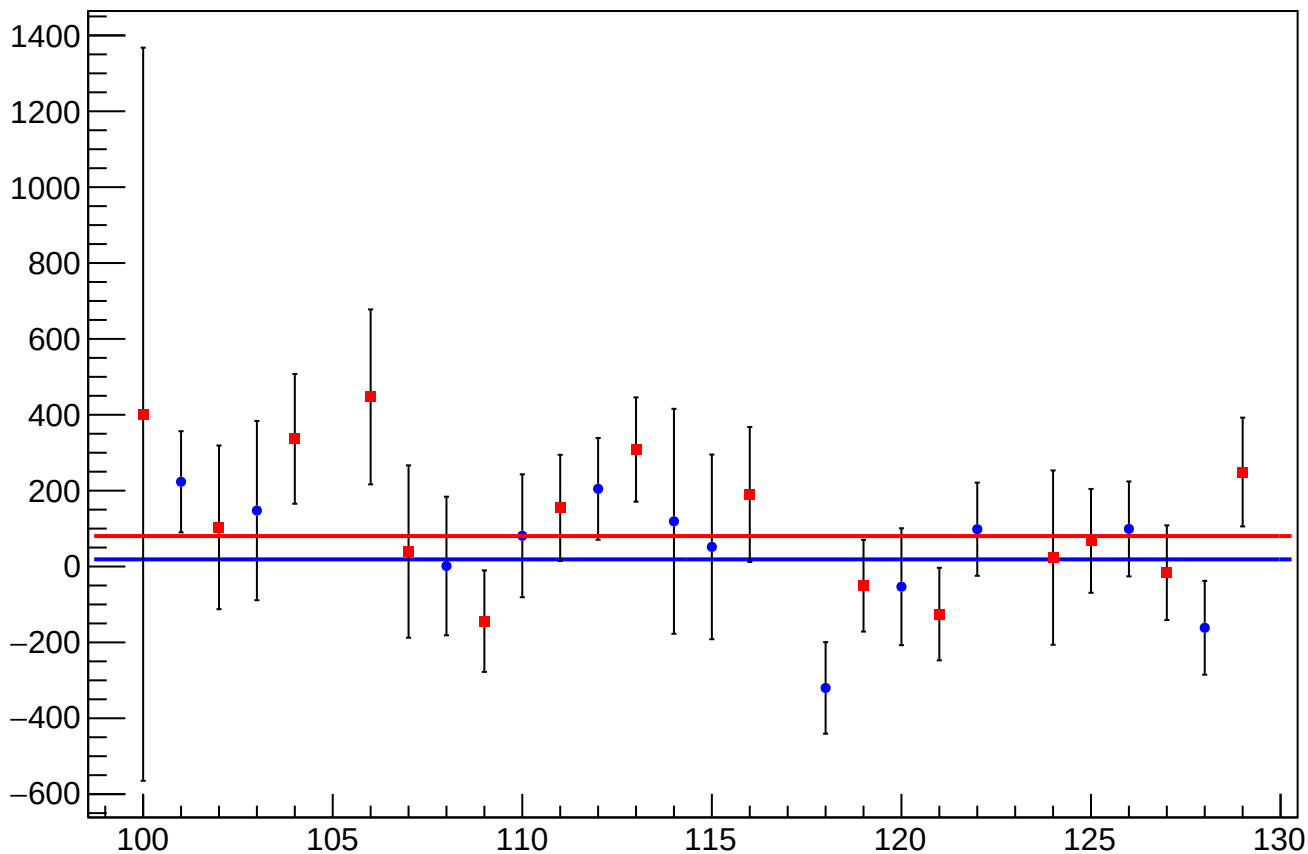
Right: 0.000+/-0.000 χ^2/NDF : 1341974.2/26

In: 0.000+/-0.000 χ^2/NDF : 626710.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1341974.2/26

reg_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 18.859 $\pm$ 43.332 χ^2 /NDF: 15.9/11

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

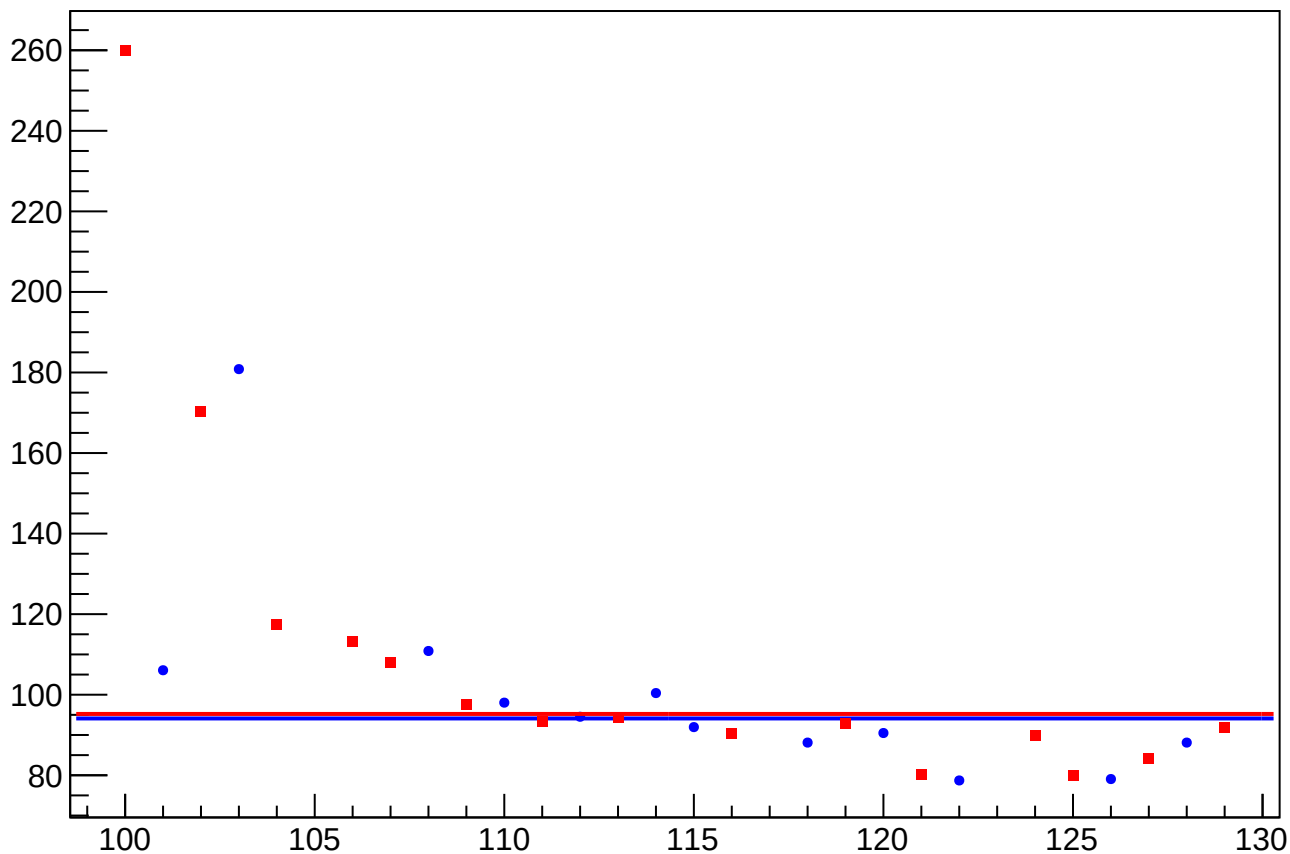
Right: 51.590 $\pm$ -29.623 χ^2 /NDF: 34.2/26

In: 18.859 $\pm$ -43.332 χ^2 /NDF:15.9/11

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 51.590 $\pm$ -29.623 χ^2 /NDF: 34.2/26

reg_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 94.105+/-0.031 χ^2/NDF : 375845.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.224+/-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

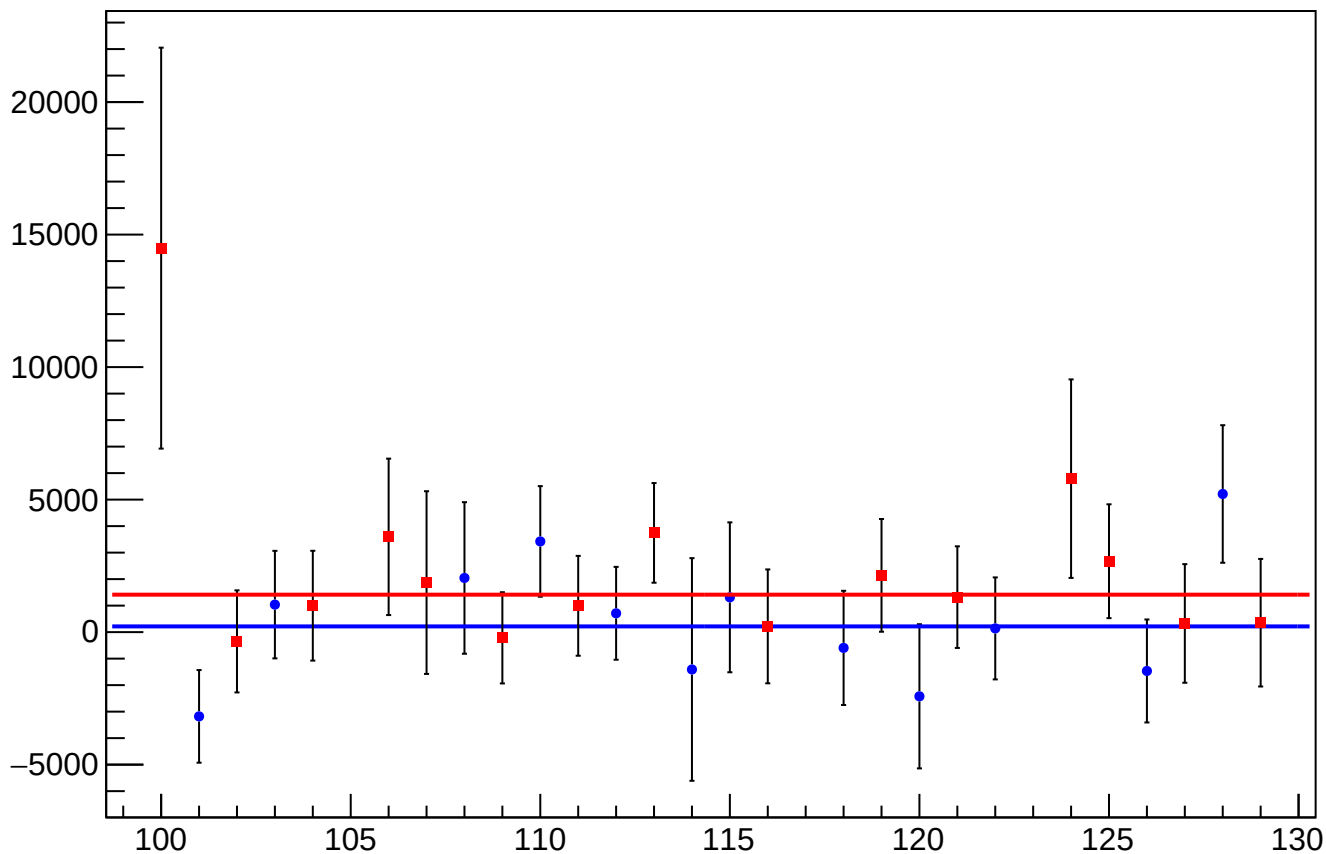
Right: 94.701+/-0.021 χ^2/NDF : 805599.7/26

In: 94.105+/-0.031 χ^2/NDF : 375845.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.701+/-0.021 χ^2/NDF : 805599.7/26

asym_sam_2468_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 215.883+/-637.075 χ^2/NDF : 12.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

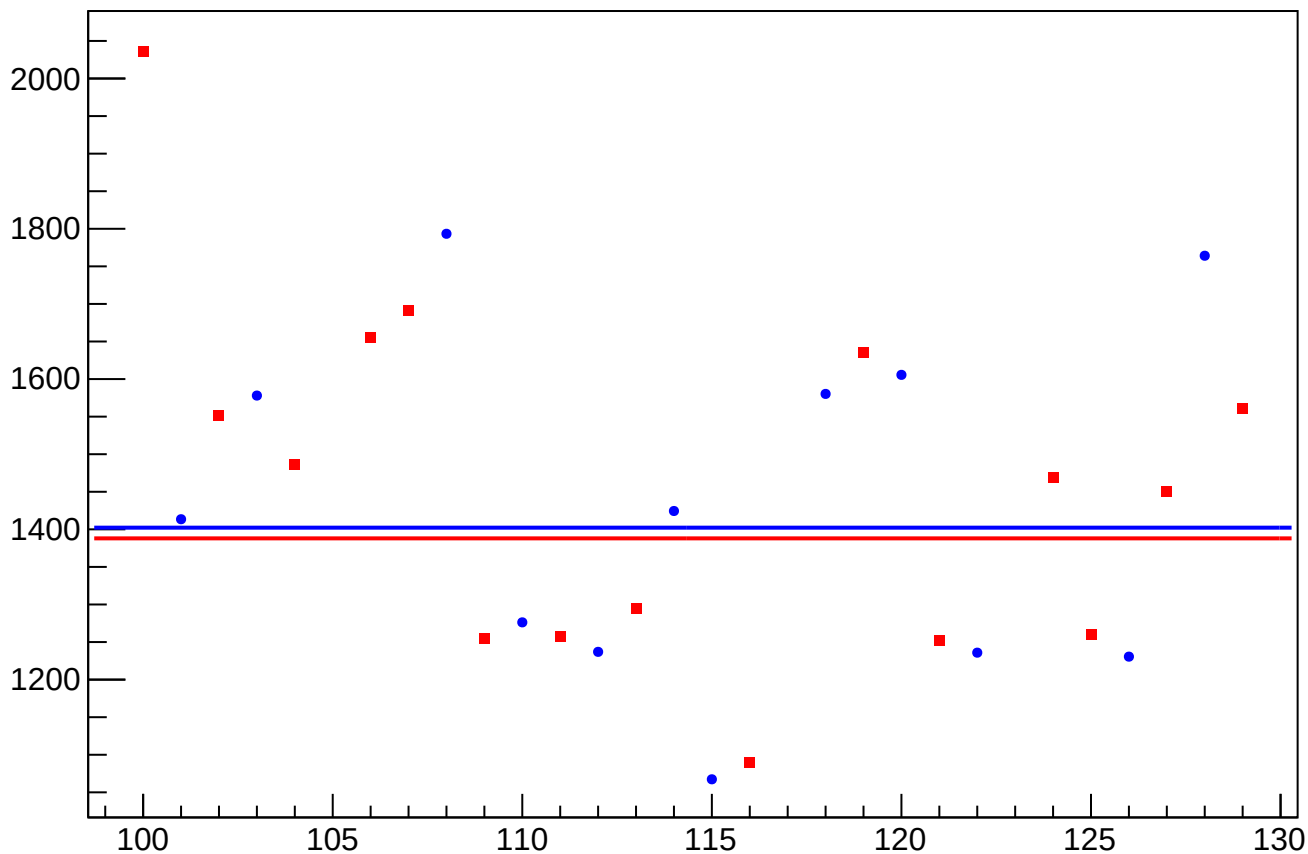
Right: 872.355+/-428.127 χ^2/NDF : 24.0/26

In: 215.883+/-637.075 χ^2/NDF : 12.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 872.355+/-428.127 χ^2/NDF : 24.0/26

asym_sam_2468_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1402.241+/-0.450 χ^2/NDF : 200007.1/11

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

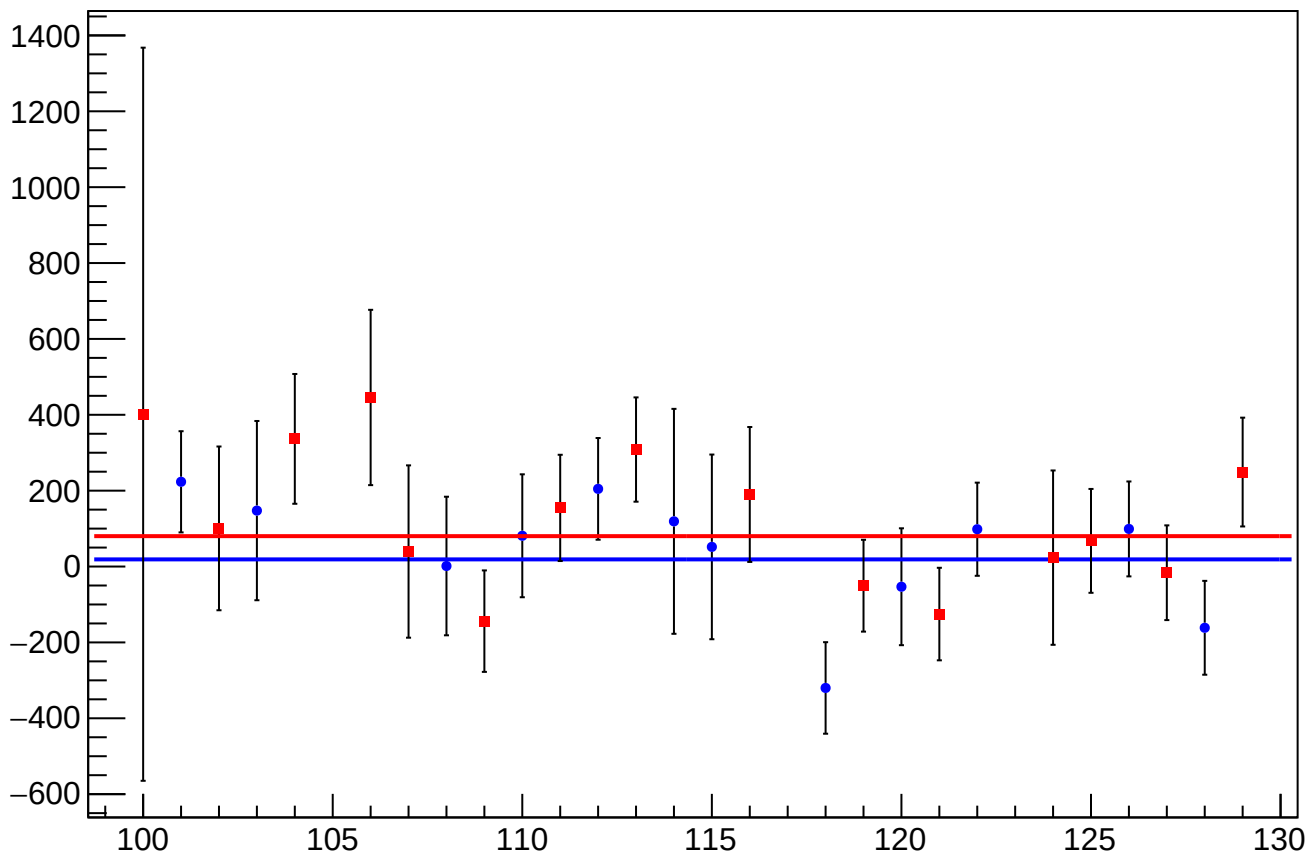
Right: 1394.427+/-0.303 χ^2/NDF : 387922.4/26

In: 1402.241+/-0.450 χ^2/NDF : 200007.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1394.427+/-0.303 χ^2/NDF : 387922.4/26

cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 18.846 $\pm$ 43.332 χ^2 /NDF: 15.9/11

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

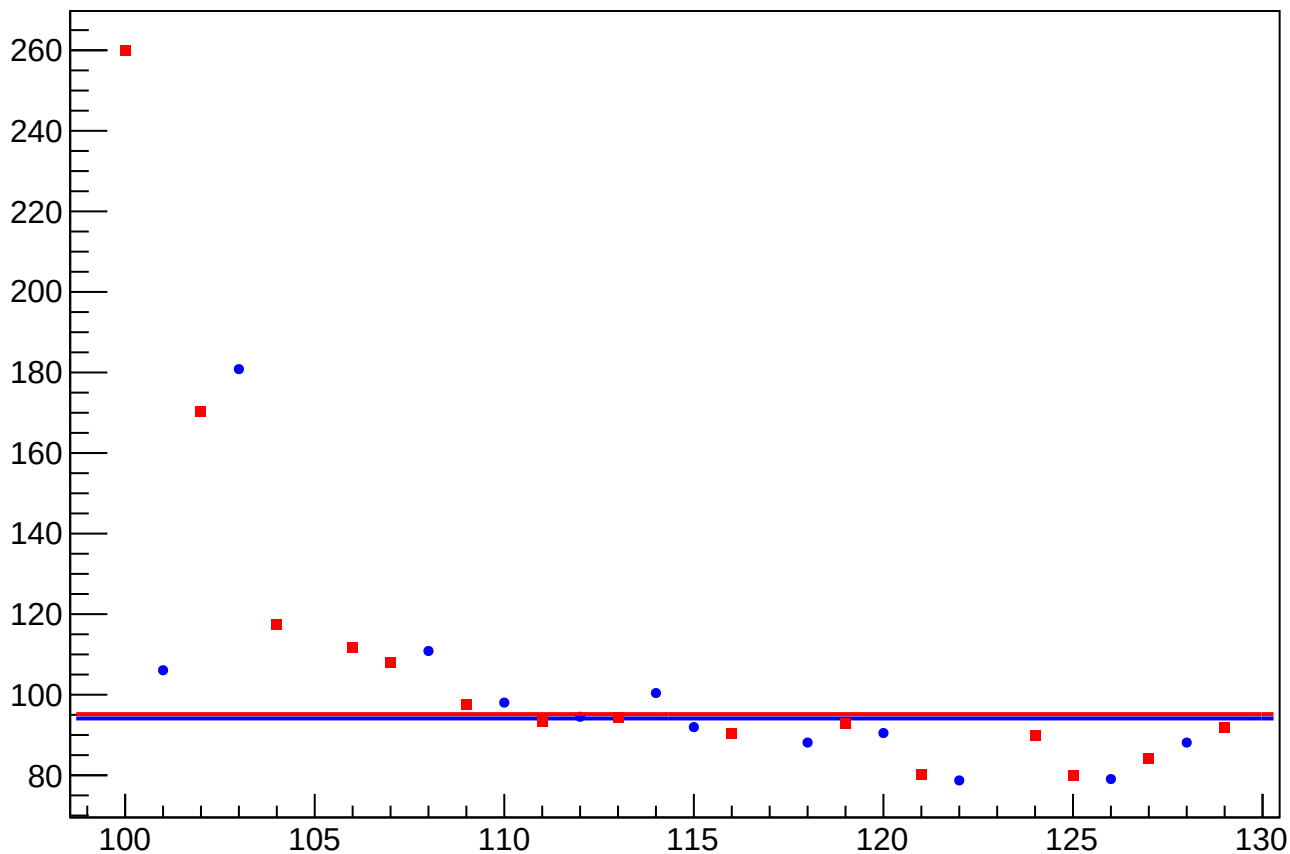
Right: 51.477 $\pm$ 29.624 χ^2 /NDF: 34.2/26

In: 18.846 $\pm$ 43.332 χ^2 /NDF:15.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 51.477 $\pm$ 29.624 χ^2 /NDF: 34.2/26

cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 94.105+/-0.031 χ^2/NDF : 375849.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.181+/-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

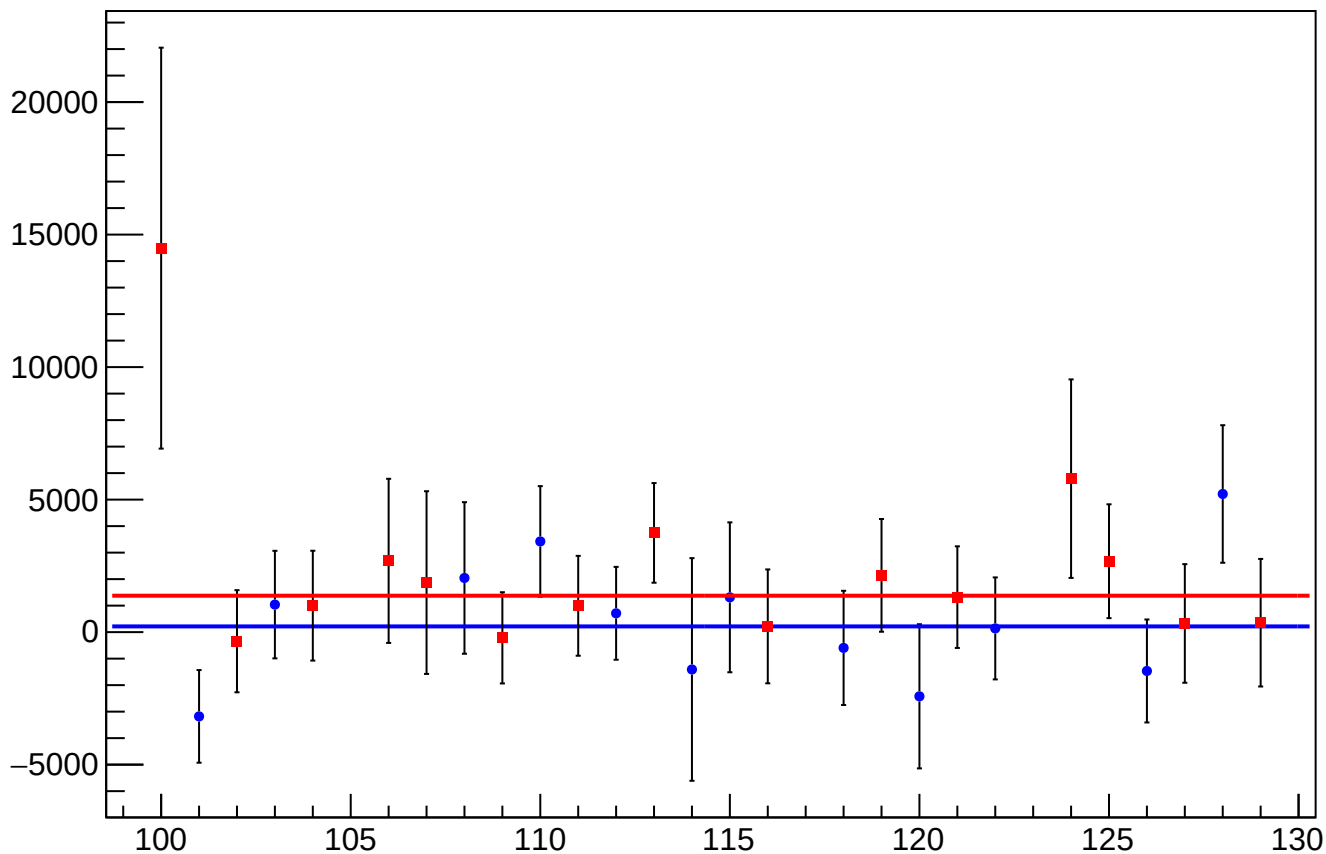
Right: 94.678+/-0.021 χ^2/NDF : 804102.3/26

In: 94.105+/-0.031 χ^2/NDF : 375849.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.678+/-0.021 χ^2/NDF : 804102.3/26

asym_sam_2468_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 215.949 $\pm$ 637.079 χ^2 /NDF: 12.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1374.393 $\pm$ 579.189 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

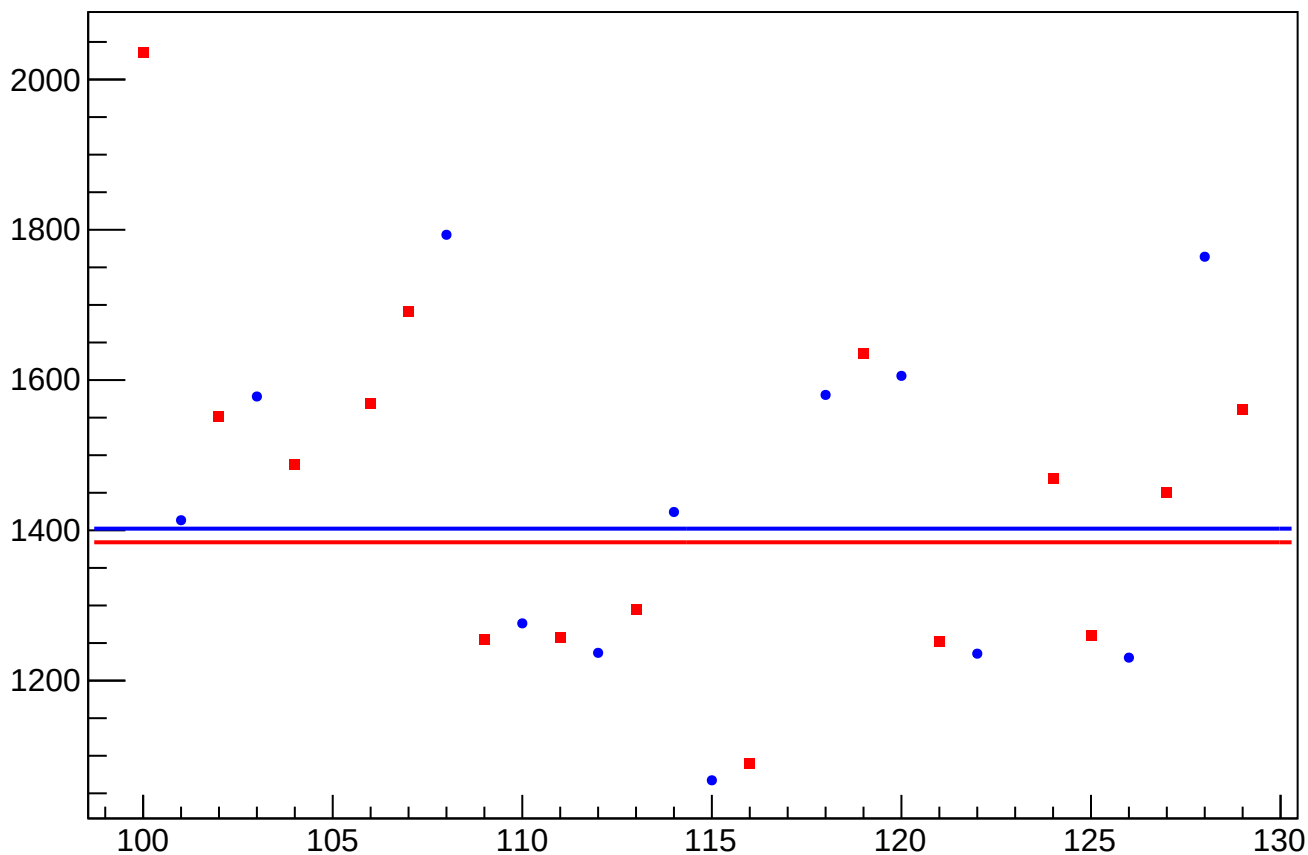
Right: 850.185 $\pm$ 428.556 χ^2 /NDF: 23.5/26

In: 215.949 $\pm$ 637.079 χ^2 /NDF:12.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 850.185 $\pm$ 428.556 χ^2 /NDF: 23.5/26

asym_sam_2468_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1402.249+/-0.450 χ^2/NDF : 200024.0/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

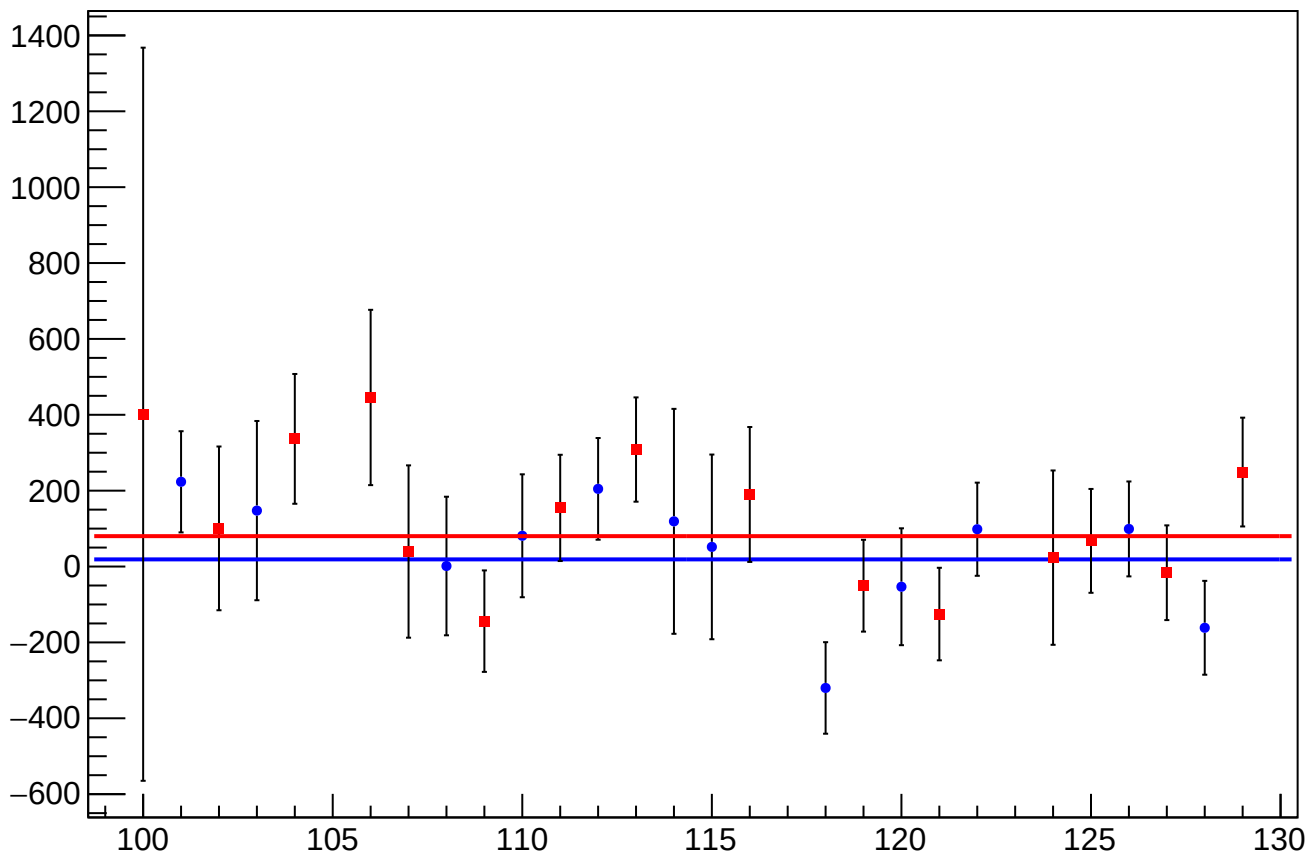
Right: 1392.311+/-0.303 χ^2/NDF : 378775.8/26

In: 1402.249+/-0.450 χ^2/NDF :200024.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1392.311+/-0.303 χ^2/NDF : 378775.8/26

eigen_cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 18.846+/-43.332 χ^2/NDF : 15.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

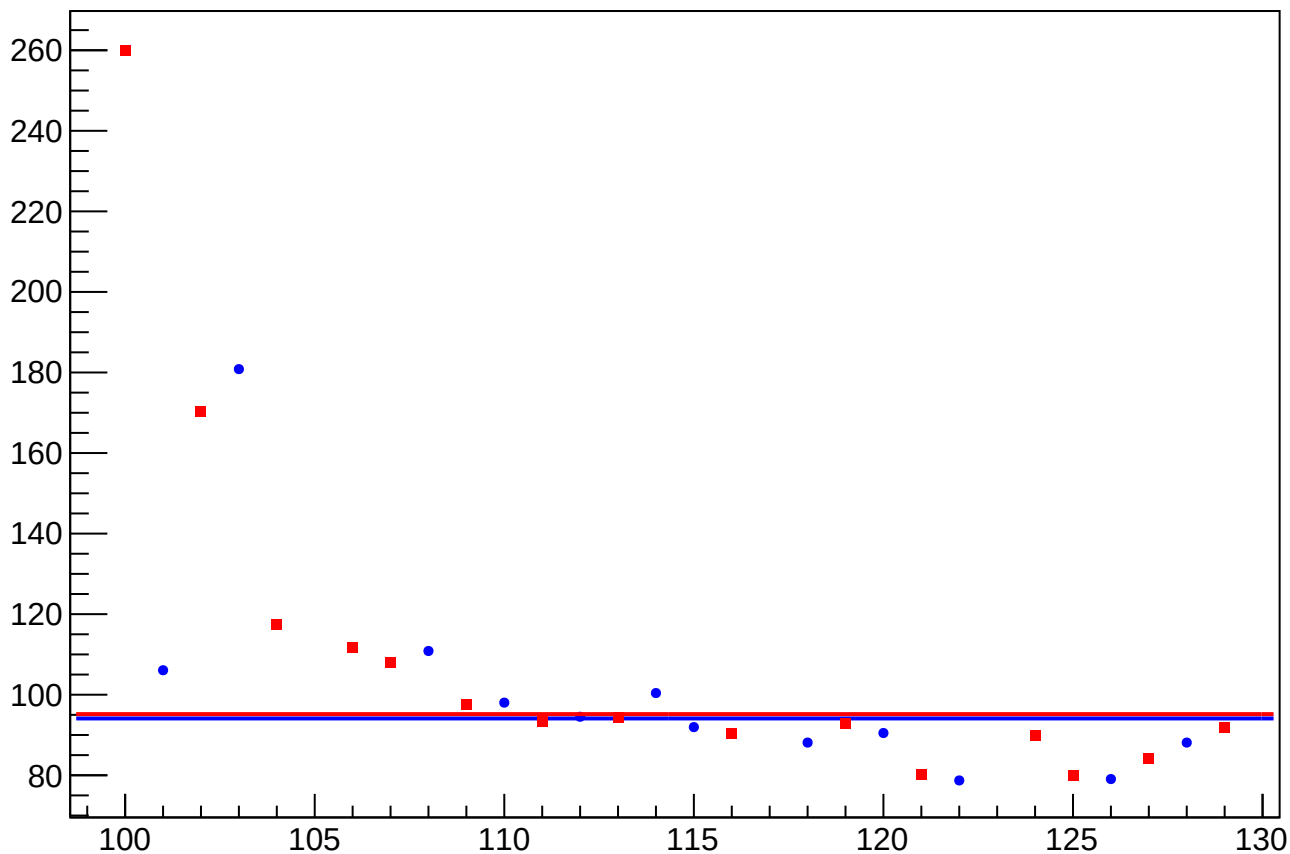
Right: 51.477+/-29.624 χ^2/NDF : 34.2/26

In: 18.846+/-43.332 χ^2/NDF : 15.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.477+/-29.624 χ^2/NDF : 34.2/26

eigen_cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 94.105+/-0.031 χ^2/NDF : 375849.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.181+/-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

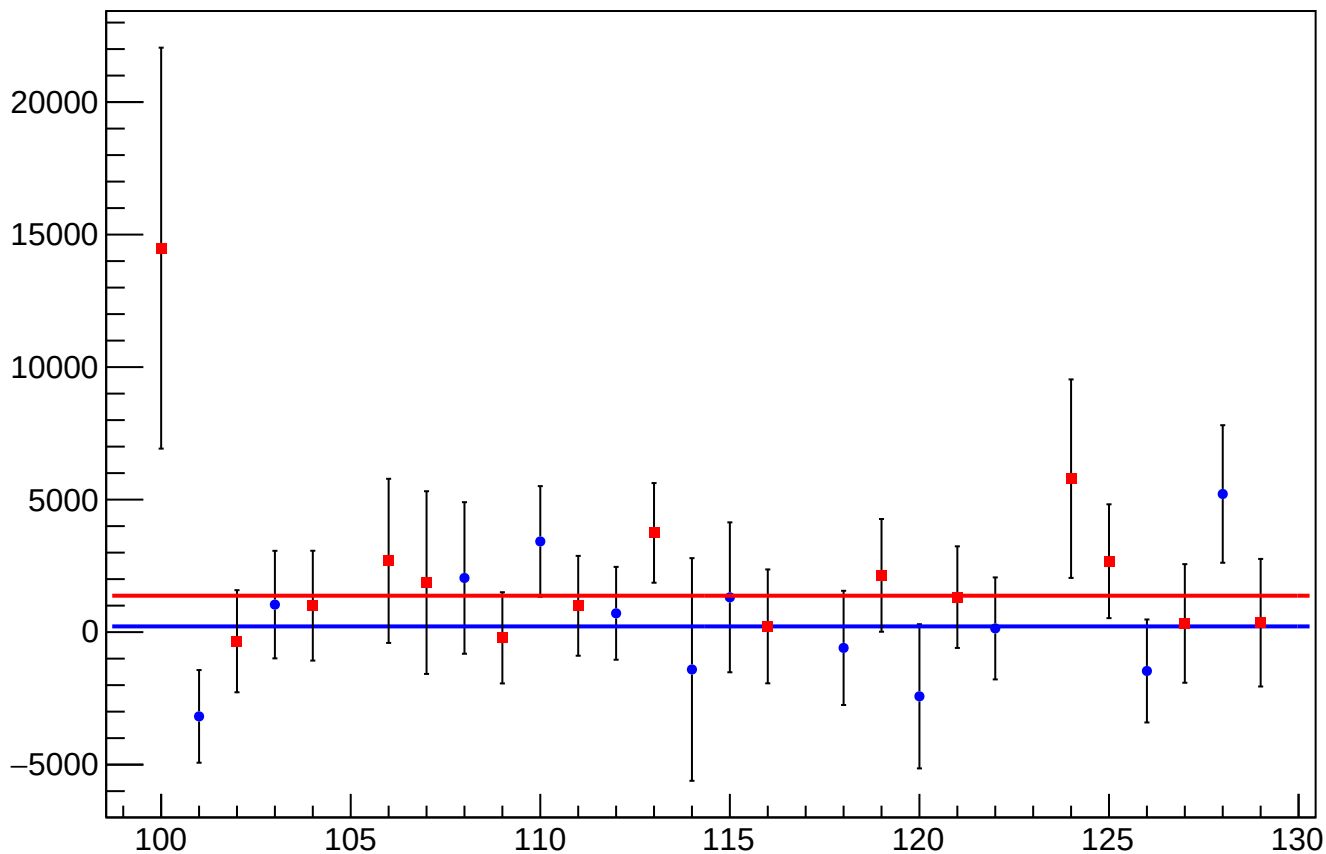
Right: 94.678+/-0.021 χ^2/NDF : 804102.3/26

In: 94.105+/-0.031 χ^2/NDF : 375849.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.678+/-0.021 χ^2/NDF : 804102.3/26

asym_sam_2468_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 215.949+/-637.079 χ^2/NDF : 12.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

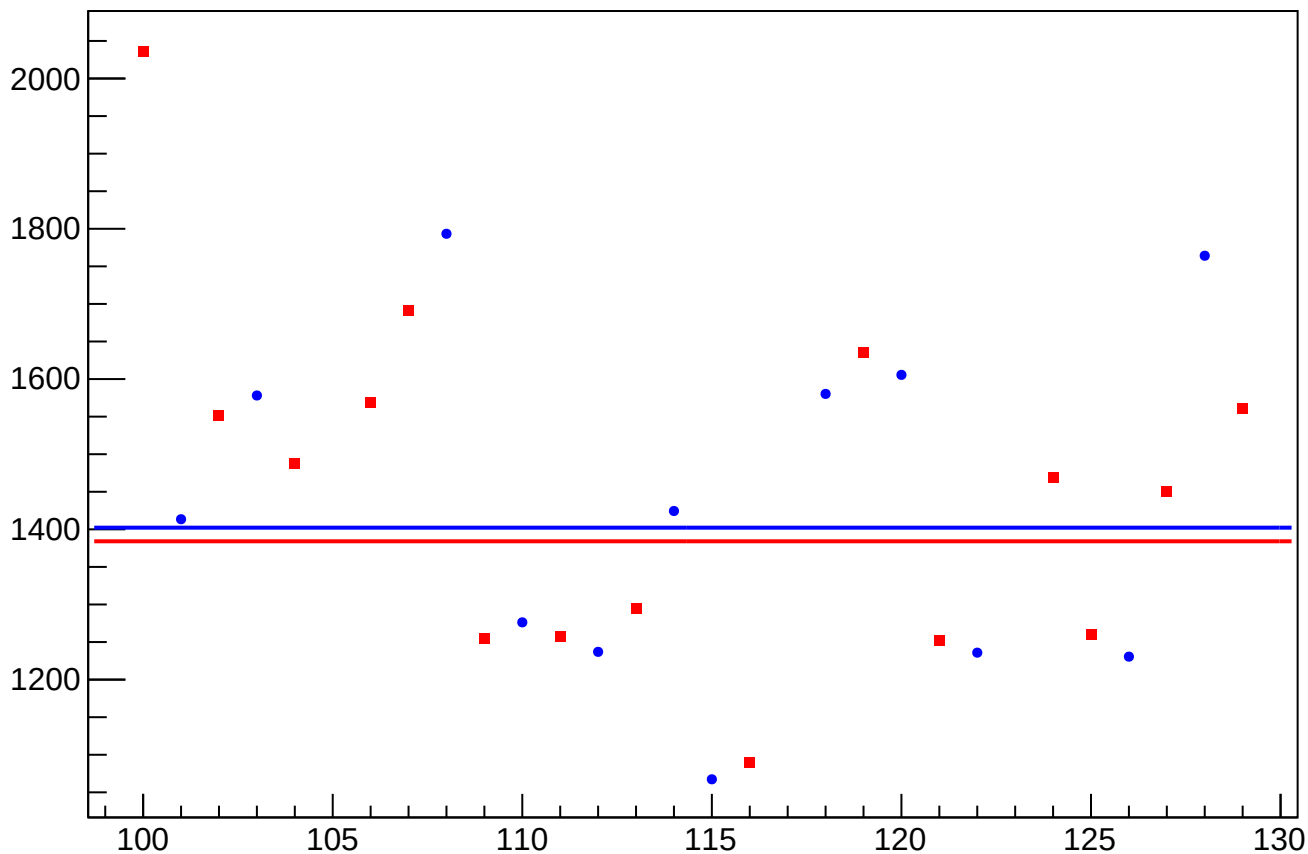
Right: 850.185+/-428.556 χ^2/NDF : 23.5/26

In: 215.949+/-637.079 χ^2/NDF : 12.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 850.185+/-428.556 χ^2/NDF : 23.5/26

asym_sam_2468_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1402.249+/-0.450 χ^2/NDF : 200024.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

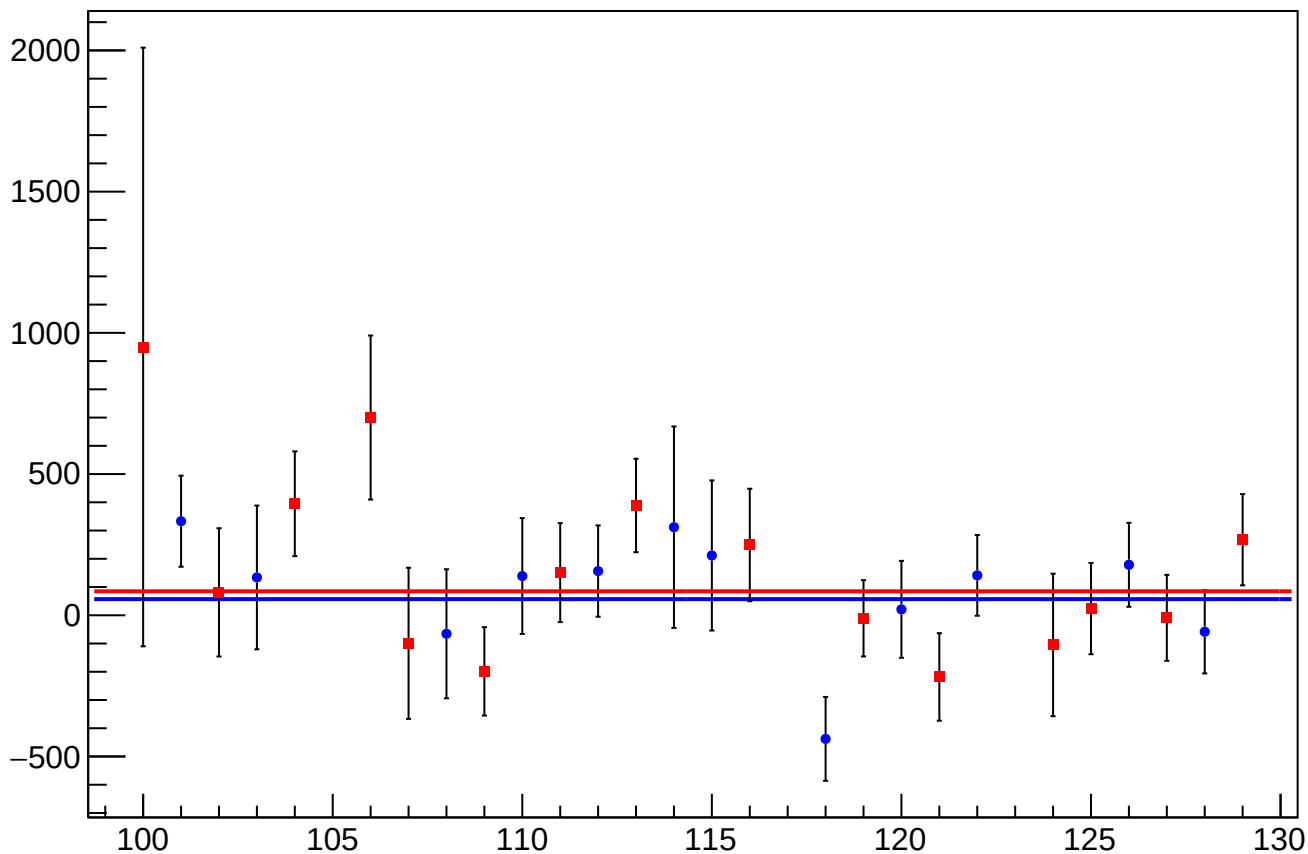
Right: 1392.311+/-0.303 χ^2/NDF : 378775.8/26

In: 1402.249+/-0.450 χ^2/NDF : 200024.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1392.311+/-0.303 χ^2/NDF : 378775.8/26

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 57.205 $\pm$ 51.528 χ^2 /NDF: 17.5/11

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

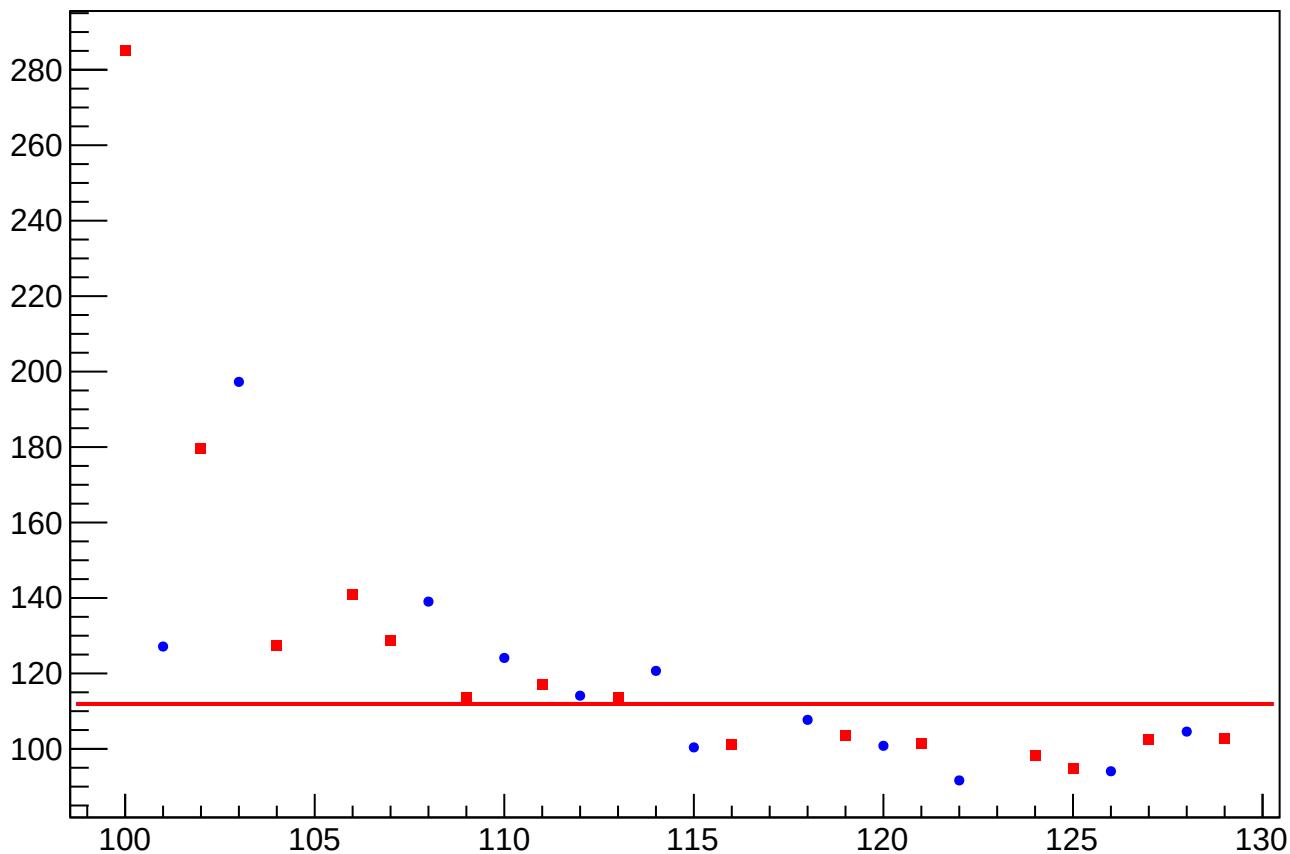
Right: 72.153 $\pm$ 34.943 χ^2 /NDF: 40.2/26

In: 57.205 $\pm$ 51.528 χ^2 /NDF:17.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 72.153 $\pm$ 34.943 χ^2 /NDF: 40.2/26

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 111.910+/-0.036 χ^2/NDF : 367379.4/11

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

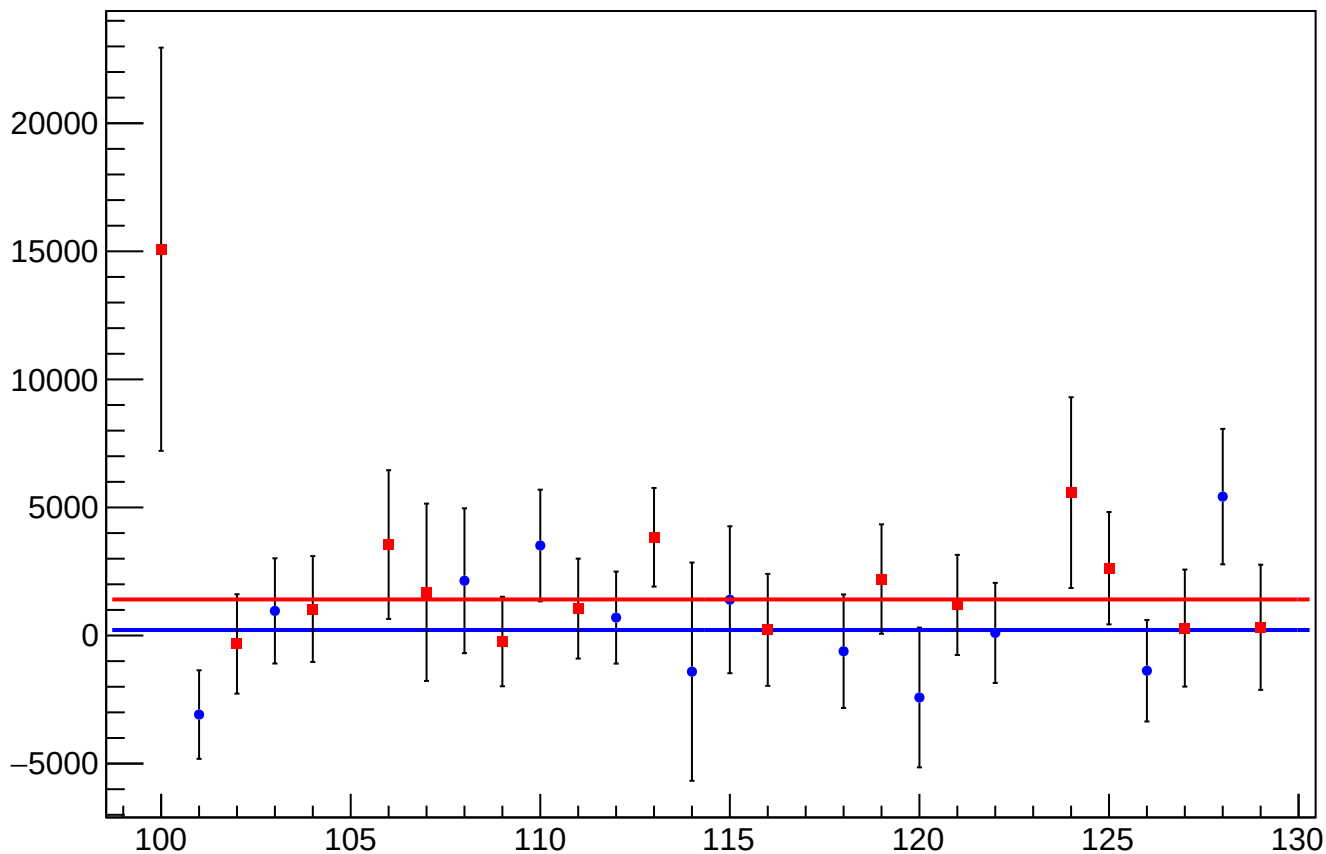
Right: 111.908+/-0.025 χ^2/NDF : 708403.0/26

In: 111.910+/-0.036 χ^2/NDF : 367379.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.908+/-0.025 χ^2/NDF : 708403.0/26

asym_sam_2468_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 215.383+/-646.628 χ^2/NDF : 12.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1408.640+/-586.453 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

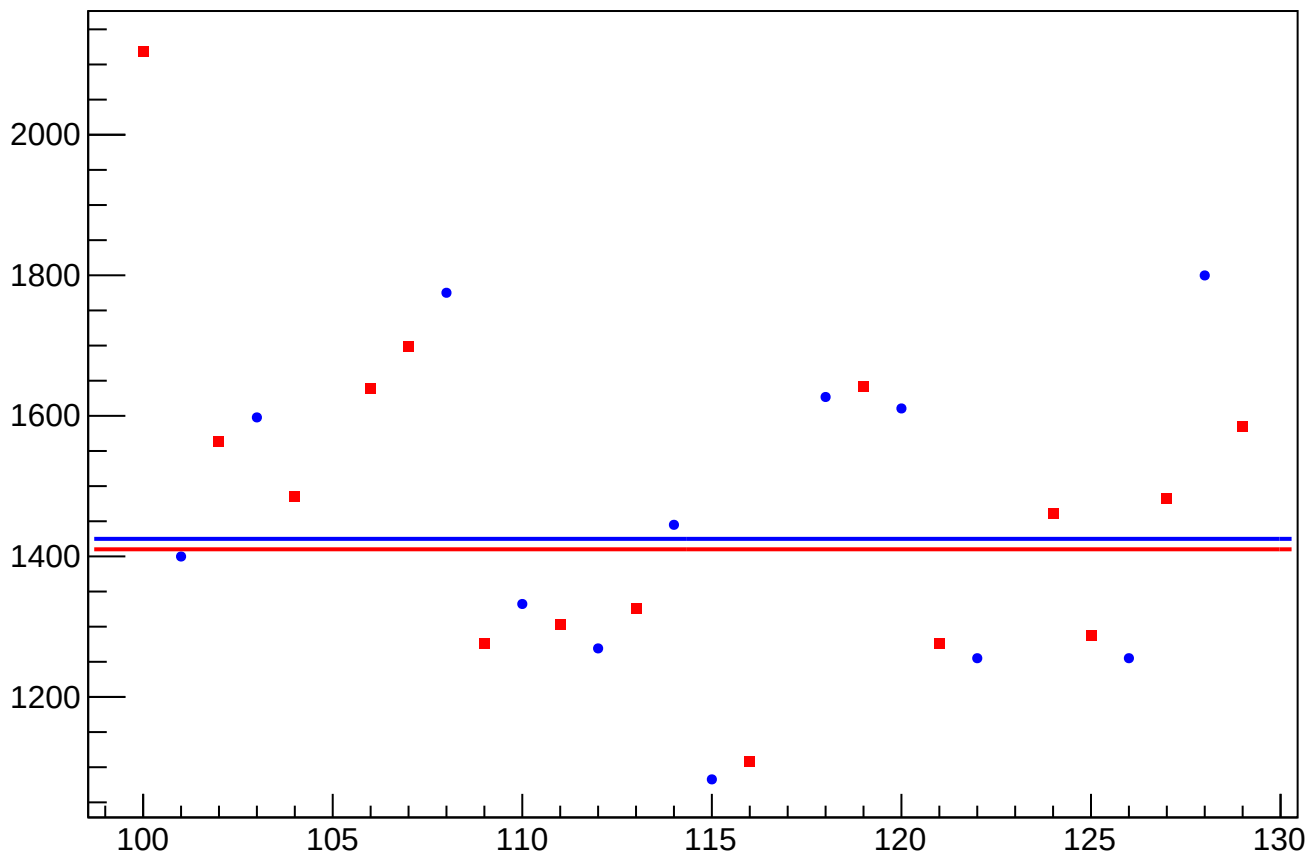
Right: 870.104+/-434.405 χ^2/NDF : 23.8/26

In: 215.383+/-646.628 χ^2/NDF : 12.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 870.104+/-434.405 χ^2/NDF : 23.8/26

asym_sam_2468_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1424.959+/-0.457 χ^2/NDF : 188310.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

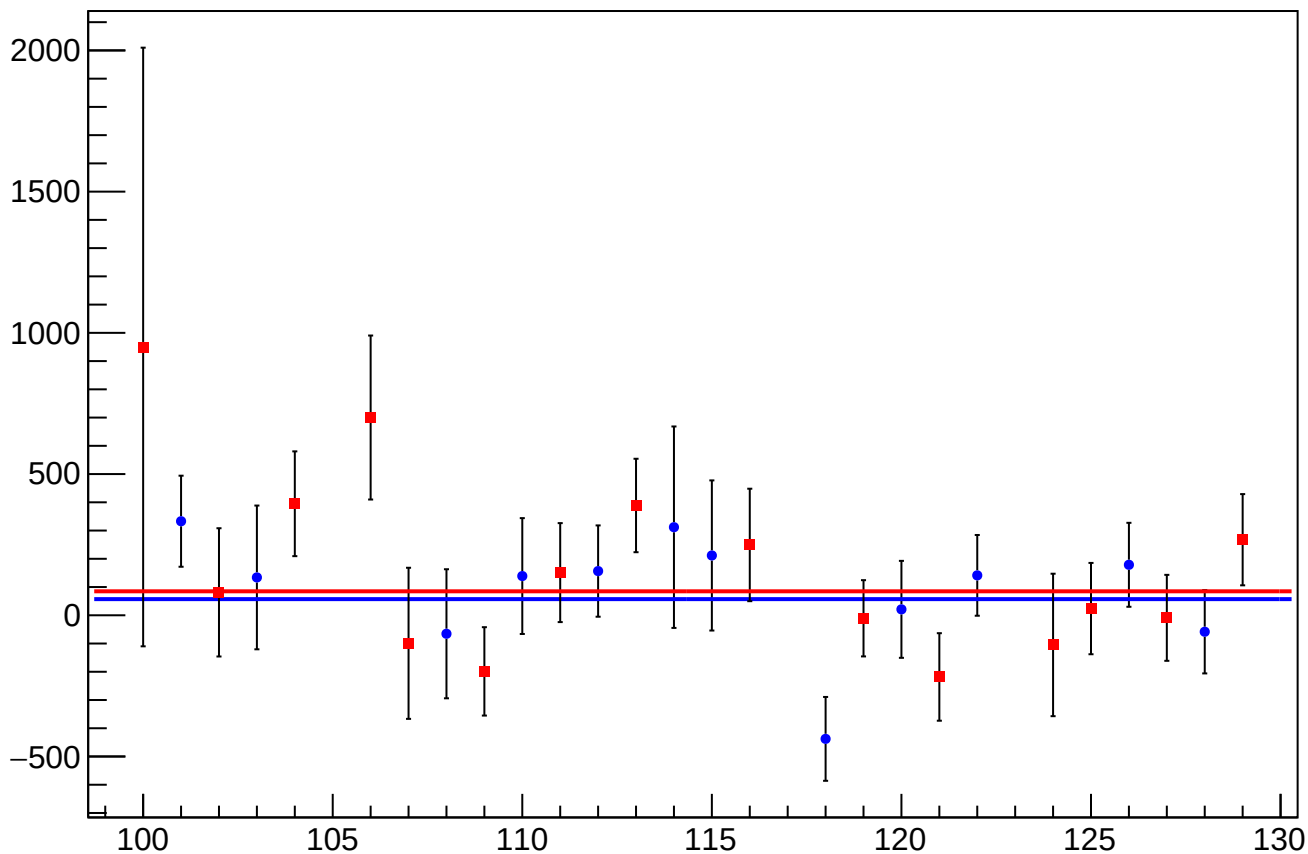
Right: 1416.799+/-0.307 χ^2/NDF : 357944.1/26

In: 1424.959+/-0.457 χ^2/NDF : 188310.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1416.799+/-0.307 χ^2/NDF : 357944.1/26

eigen_dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 57.202 $\pm$ 51.528 χ^2 /NDF: 17.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 84.877 $\pm$ 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

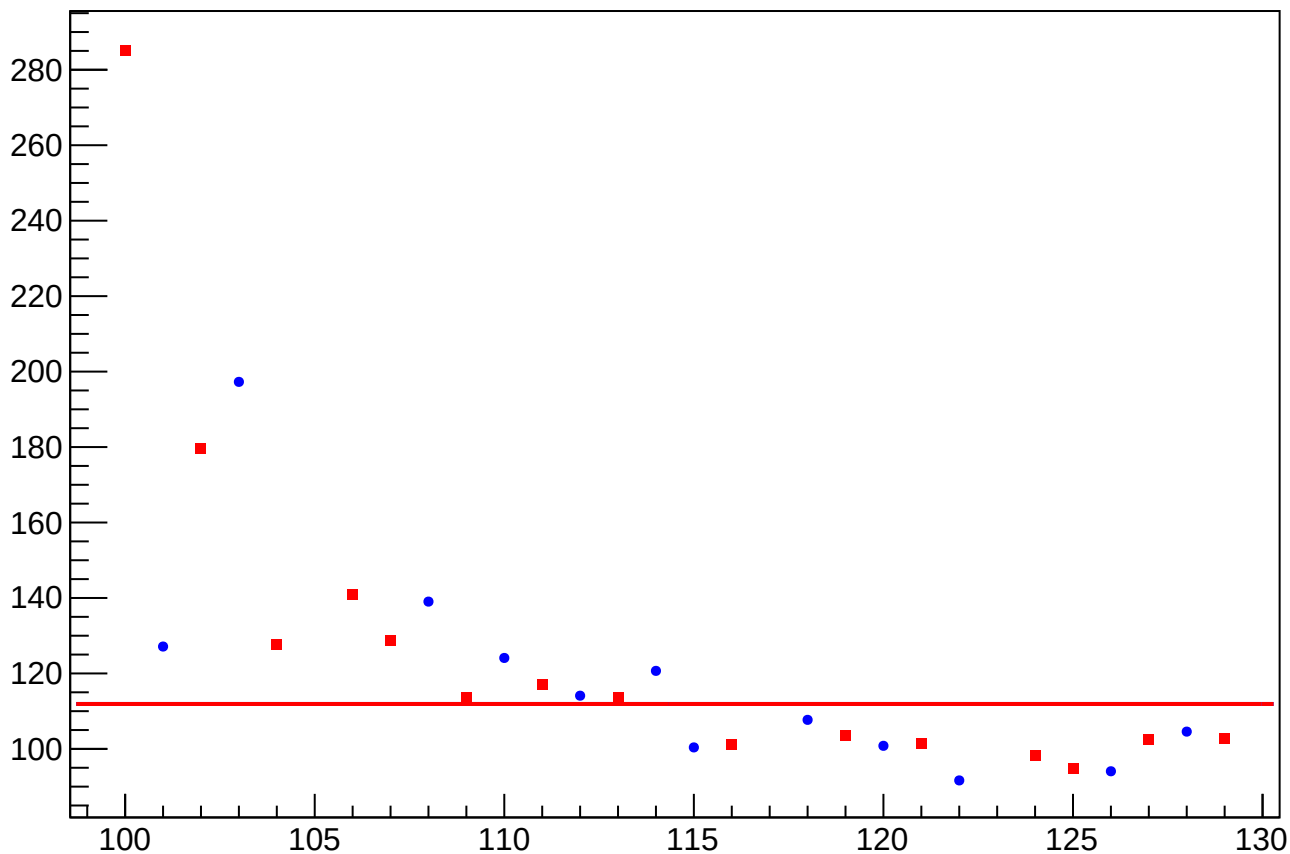
Right: 72.151 $\pm$ 34.942 χ^2 /NDF: 40.2/26

In: 57.202 $\pm$ 51.528 χ^2 /NDF:17.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 72.151 $\pm$ 34.942 χ^2 /NDF: 40.2/26

eigen_dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 111.909 $\pm$ 0.036 χ^2 /NDF: 367376.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 111.905 $\pm$ 0.034 χ^2 /NDF: 341023.2/14

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

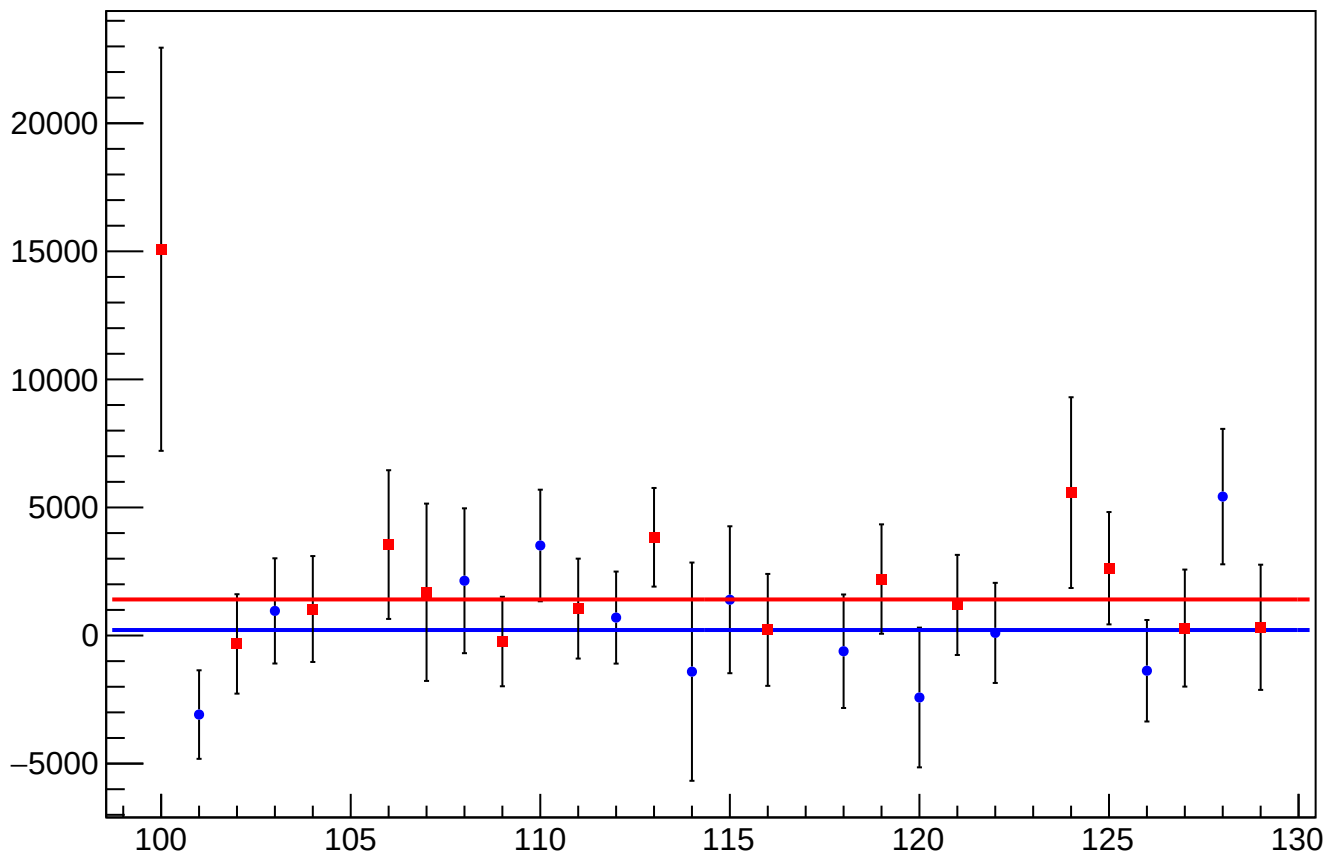
Right: 111.907 $\pm$ 0.025 χ^2 /NDF: 708400.0/26

In: 111.909 $\pm$ 0.036 χ^2 /NDF:367376.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 111.907 $\pm$ 0.025 χ^2 /NDF: 708400.0/26

asym_sam_2468_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 215.385+/-646.626 χ^2/NDF : 12.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

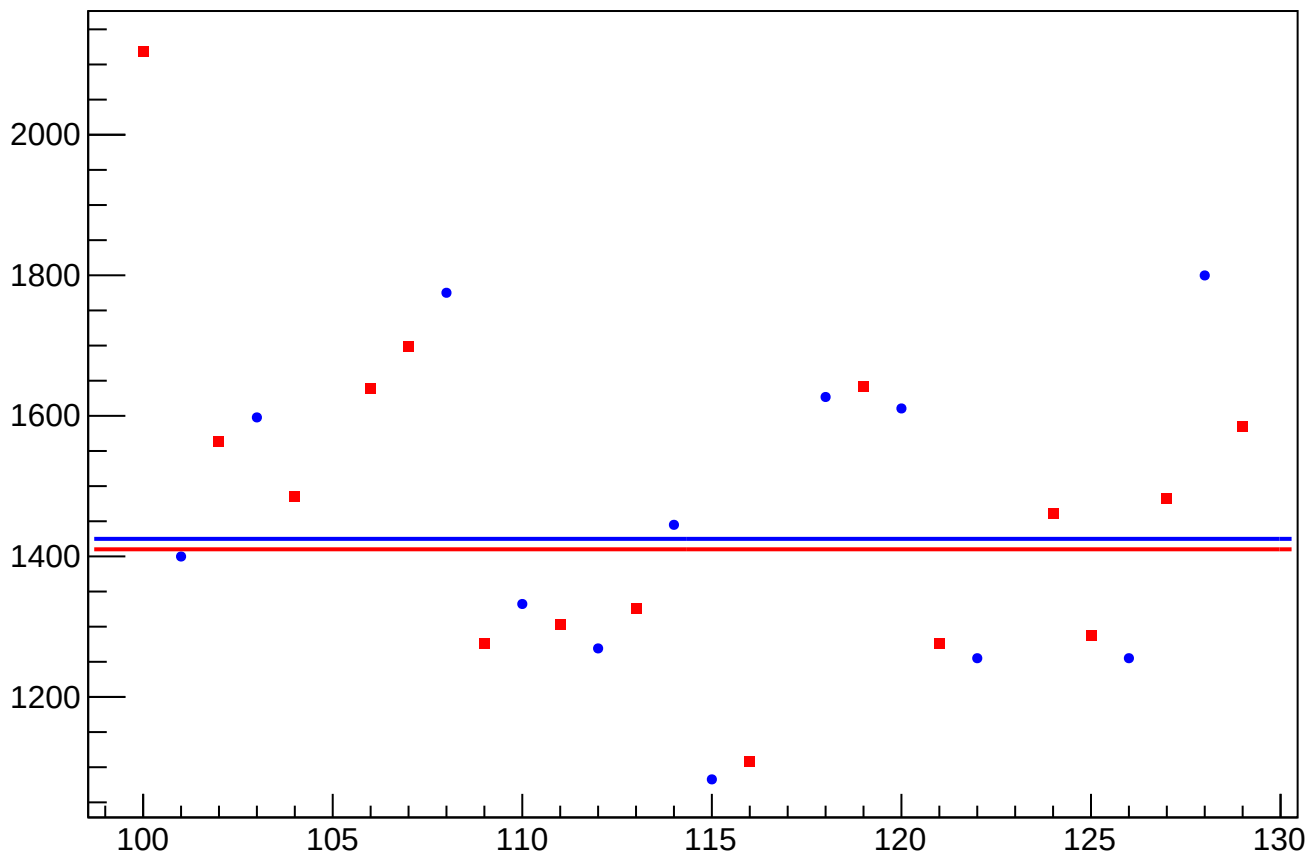
Right: 870.104+/-434.404 χ^2/NDF : 23.8/26

In: 215.385+/-646.626 χ^2/NDF : 12.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 870.104+/-434.404 χ^2/NDF : 23.8/26

asym_sam_2468_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1424.955+/-0.457 χ^2/NDF : 188311.2/11

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

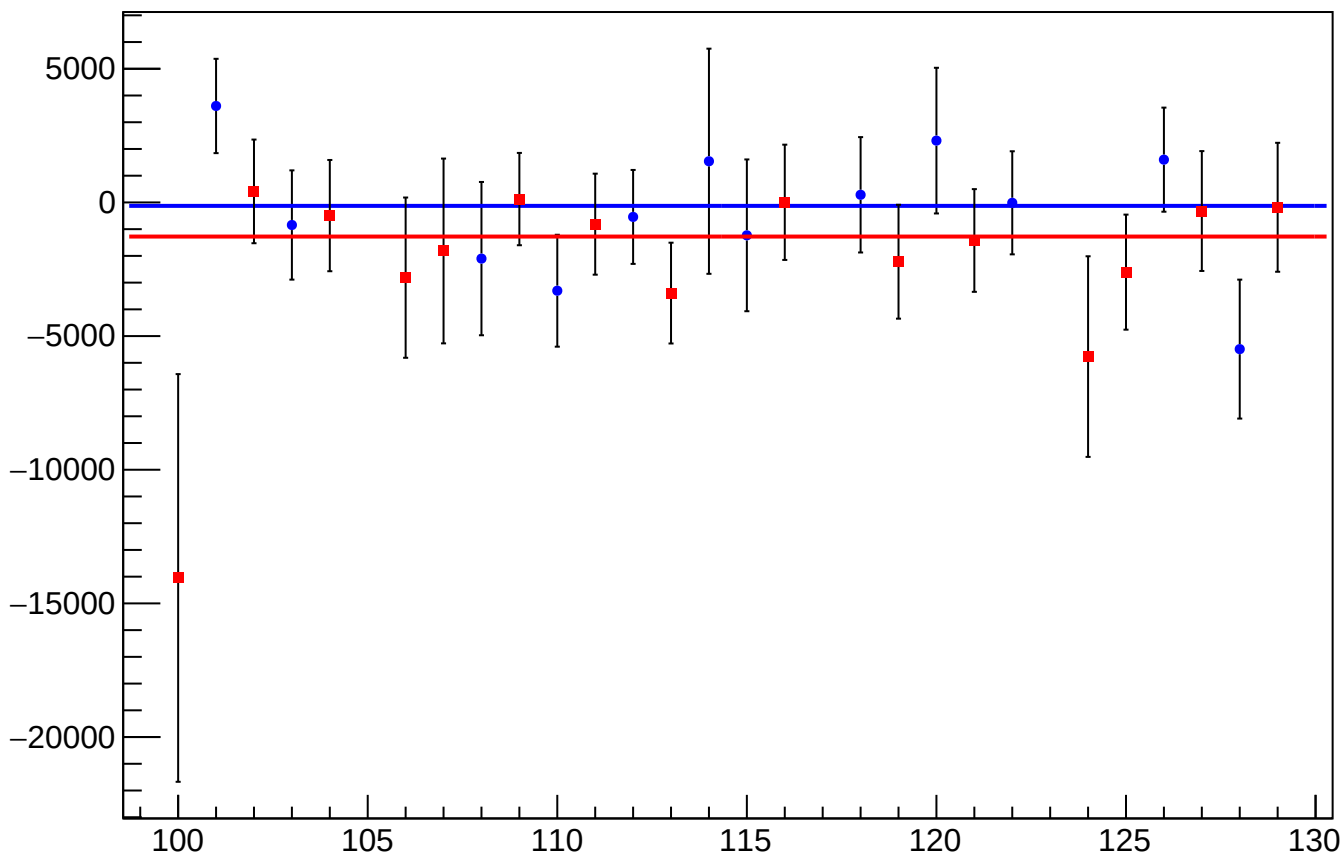
Right: 1416.795+/-0.307 χ^2/NDF : 357945.1/26

In: 1424.955+/-0.457 χ^2/NDF : 188311.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1416.795+/-0.307 χ^2/NDF : 357945.1/26

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: -128.804+/-639.511 χ^2/NDF : 13.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

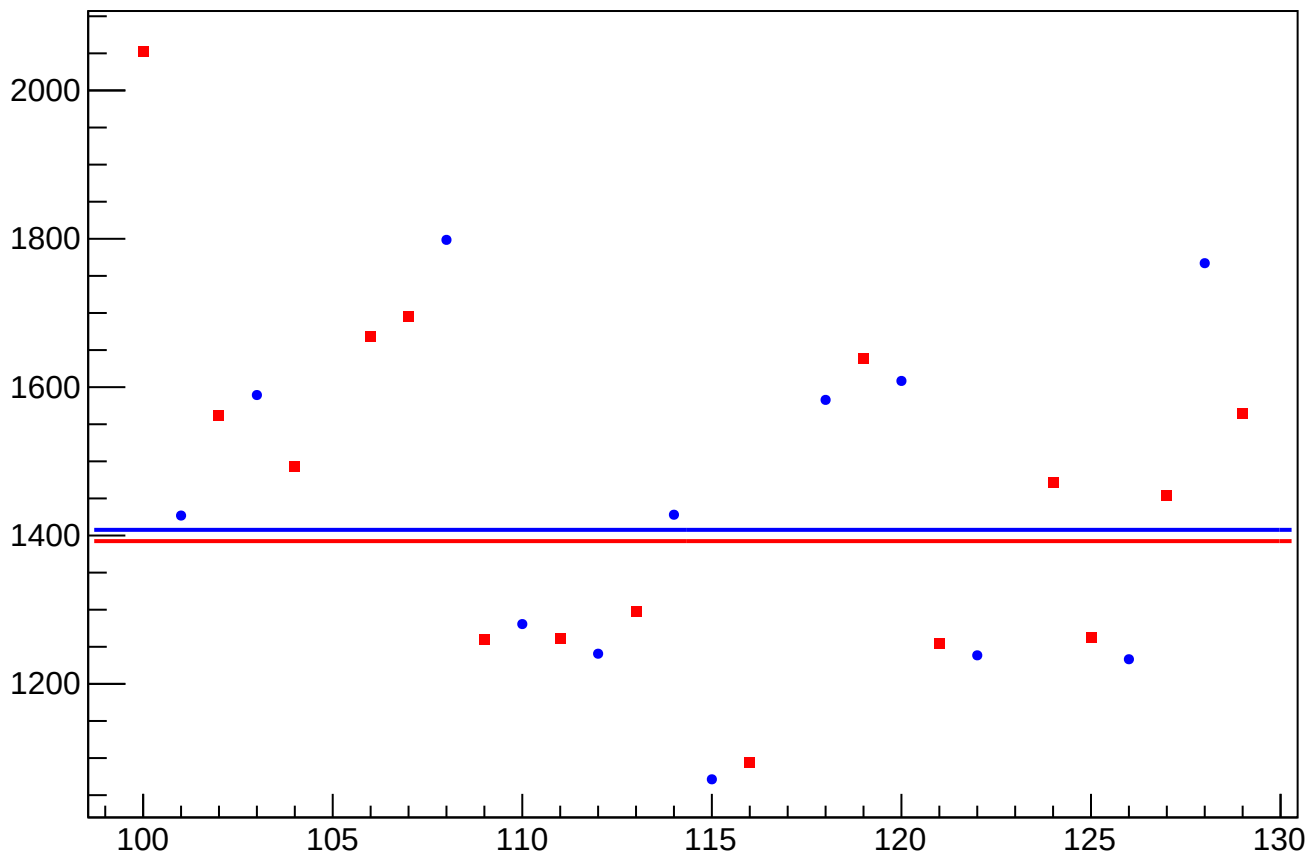
Right: -758.386+/-429.727 χ^2/NDF : 24.1/26

In: -128.804+/-639.511 χ^2/NDF : 13.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -758.386+/-429.727 χ^2/NDF : 24.1/26

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1407.654+/-0.452 χ^2/NDF : 200501.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

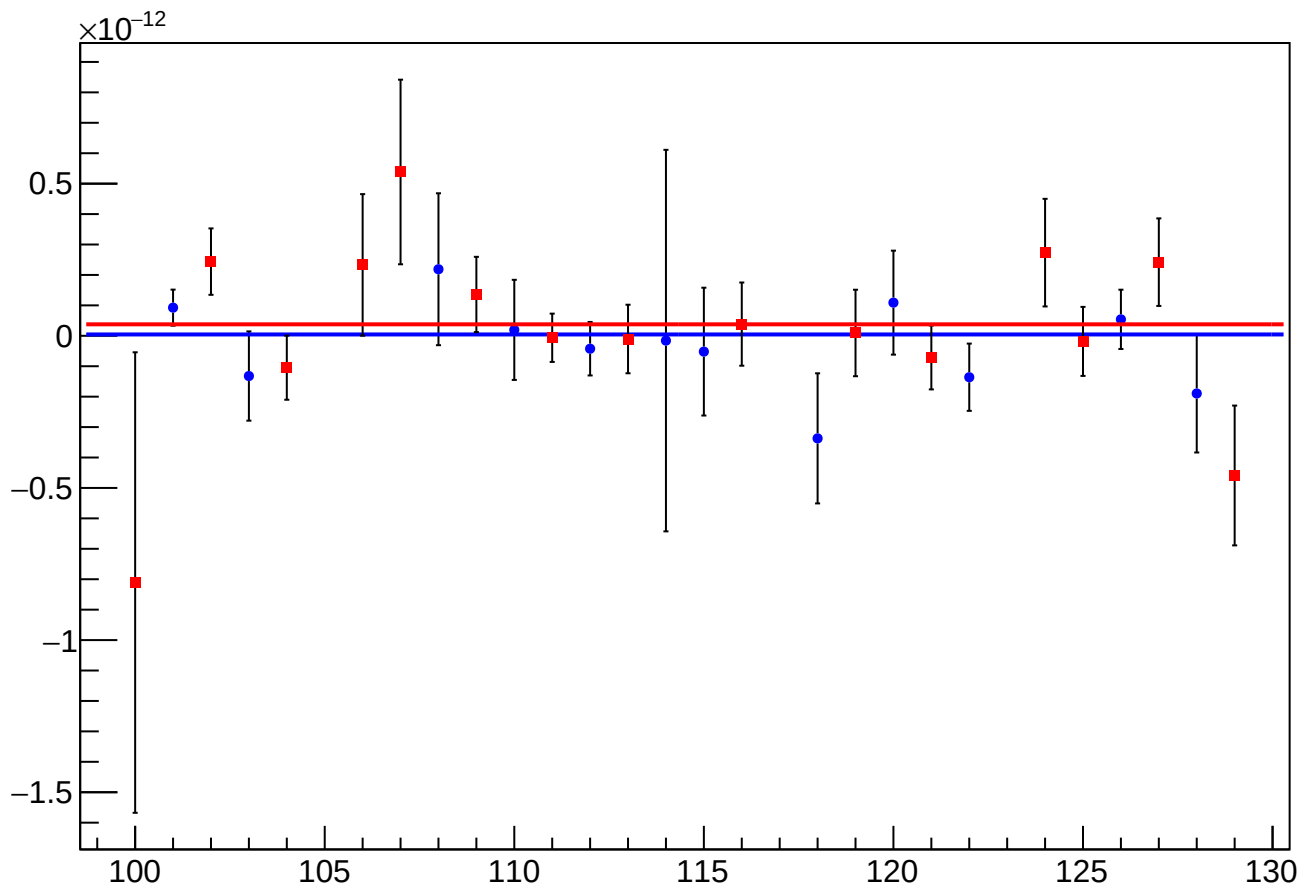
Right: 1399.319+/-0.304 χ^2/NDF : 389888.5/26

In: 1407.654+/-0.452 χ^2/NDF :200501.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1399.319+/-0.304 χ^2/NDF : 389888.5/26

asym_sam_2468_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

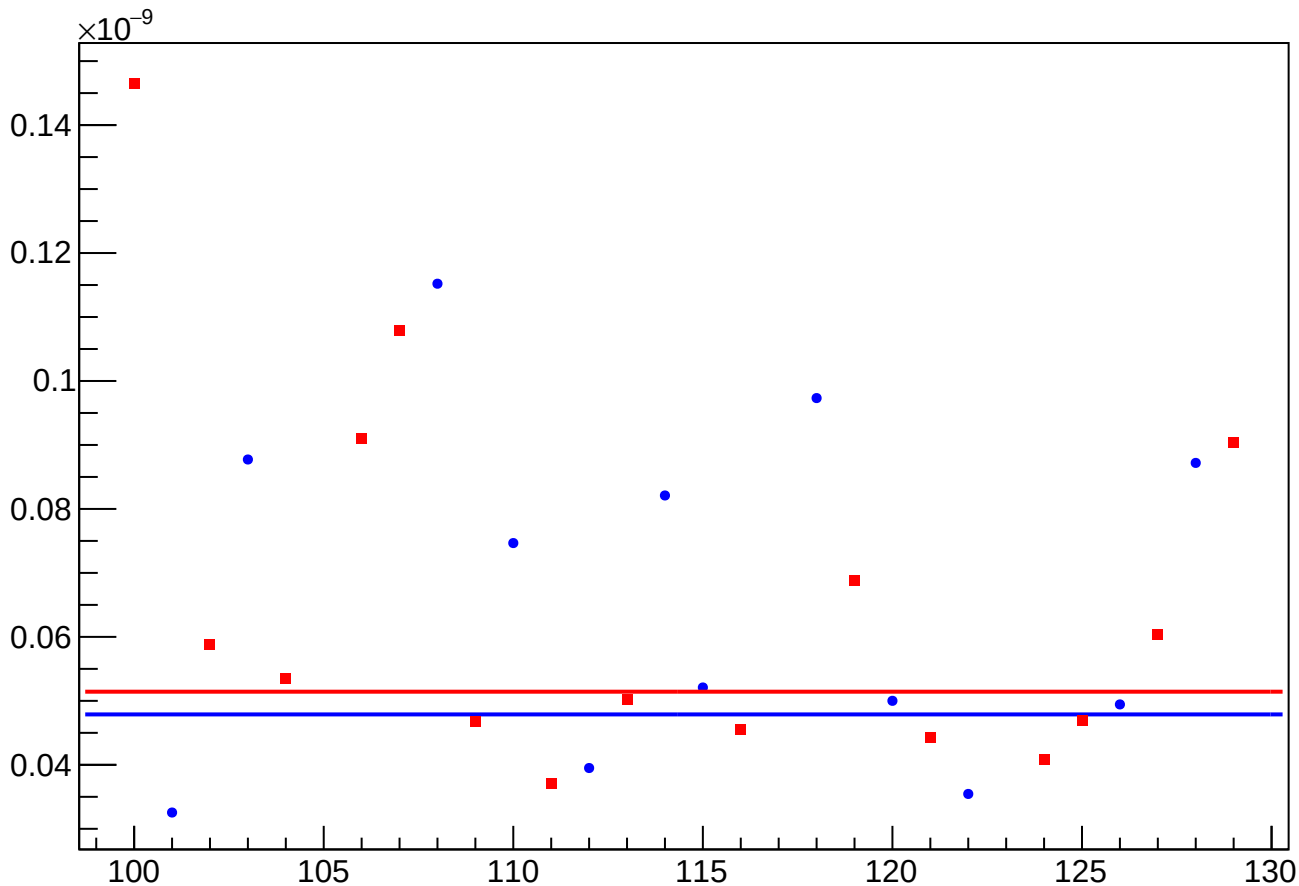
Right: 0.000+/-0.000 χ^2/NDF : 31.5/26

In: 0.000+/-0.000 χ^2/NDF : 10.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 31.5/26

asym_sam_2468_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 720334.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

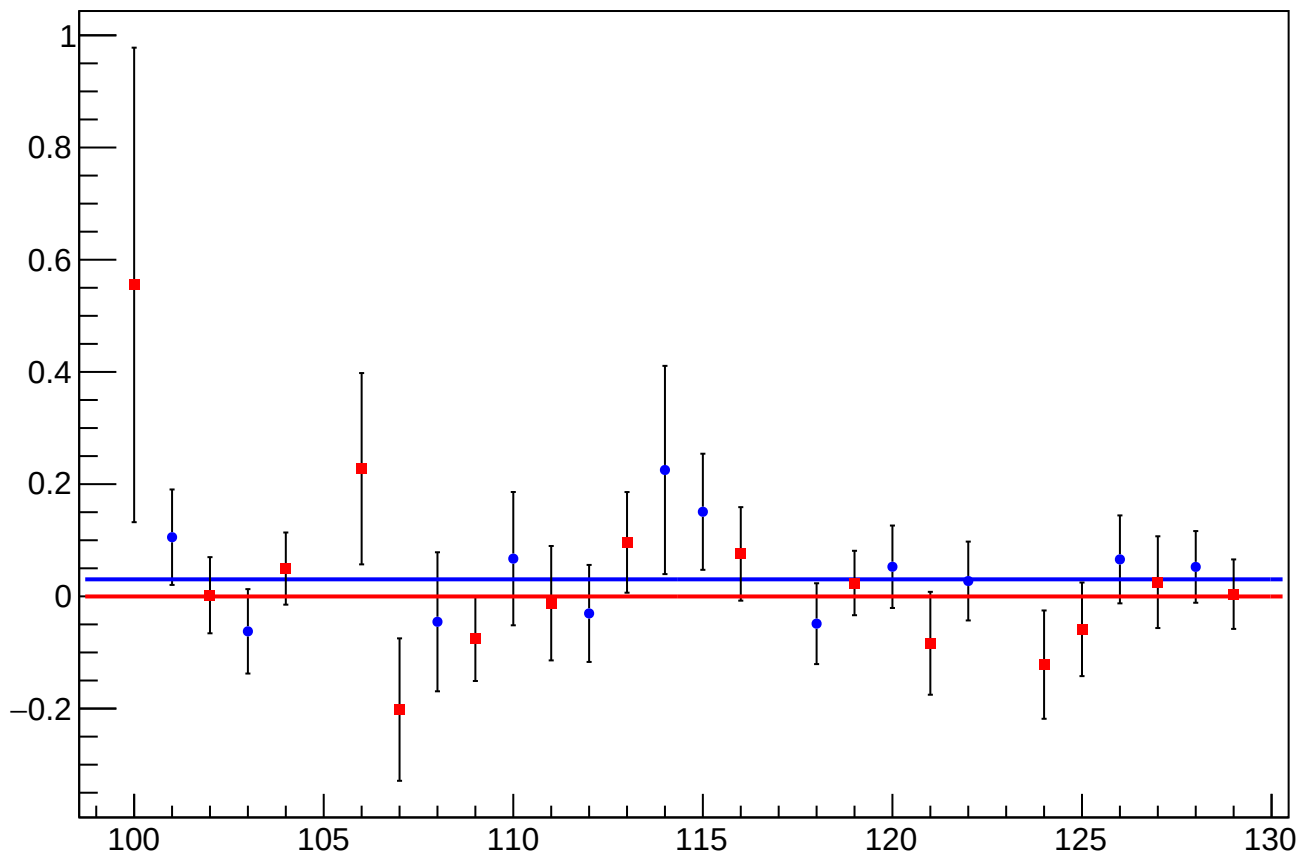
Right: 0.000+/-0.000 χ^2/NDF : 1085726.2/26

In: 0.000+/-0.000 χ^2/NDF : 720334.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1085726.2/26

asym_sam_2468_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.030+/-0.024 χ^2/NDF : 7.3/11

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

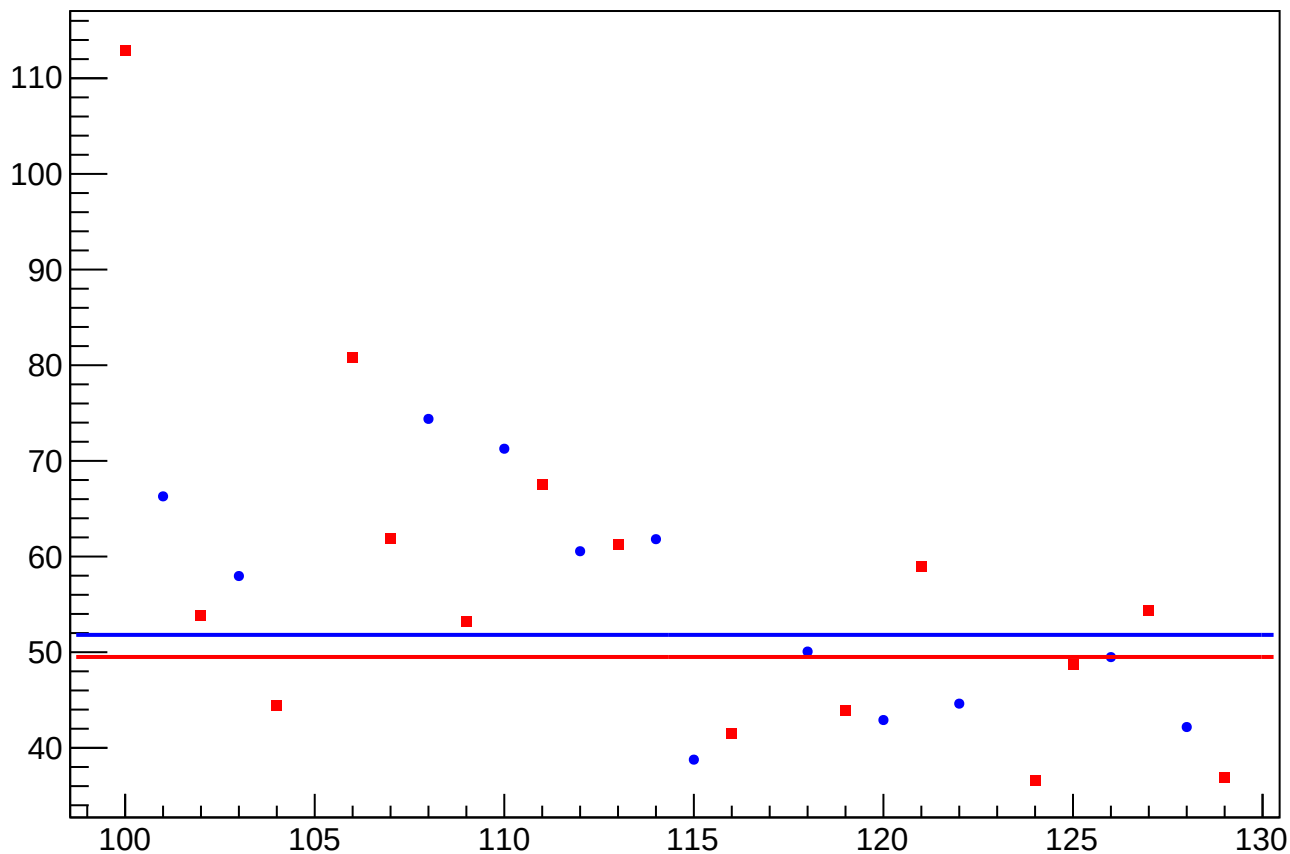
Right: 0.013+/-0.016 χ^2/NDF : 21.1/26

In: 0.030+/-0.024 χ^2/NDF : 7.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.016 χ^2/NDF : 21.1/26

asym_sam_2468_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 51.811+/-0.017 χ^2/NDF : 348172.0/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

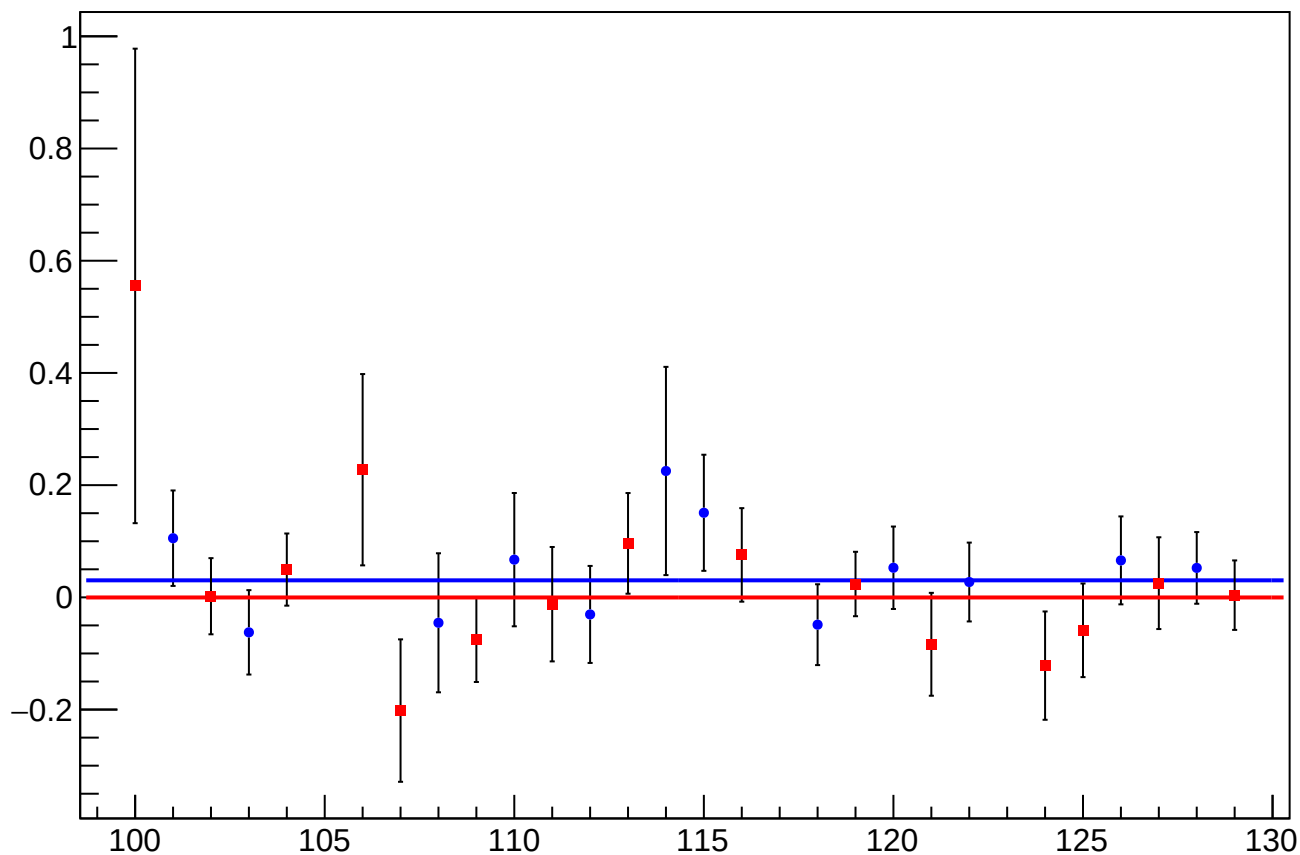
Right: 50.510+/-0.011 χ^2/NDF : 797243.5/26

In: 51.811+/-0.017 χ^2/NDF :348172.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 50.510+/-0.011 χ^2/NDF : 797243.5/26

asym_sam_2468_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.030+/-0.024 χ^2/NDF : 7.3/11

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

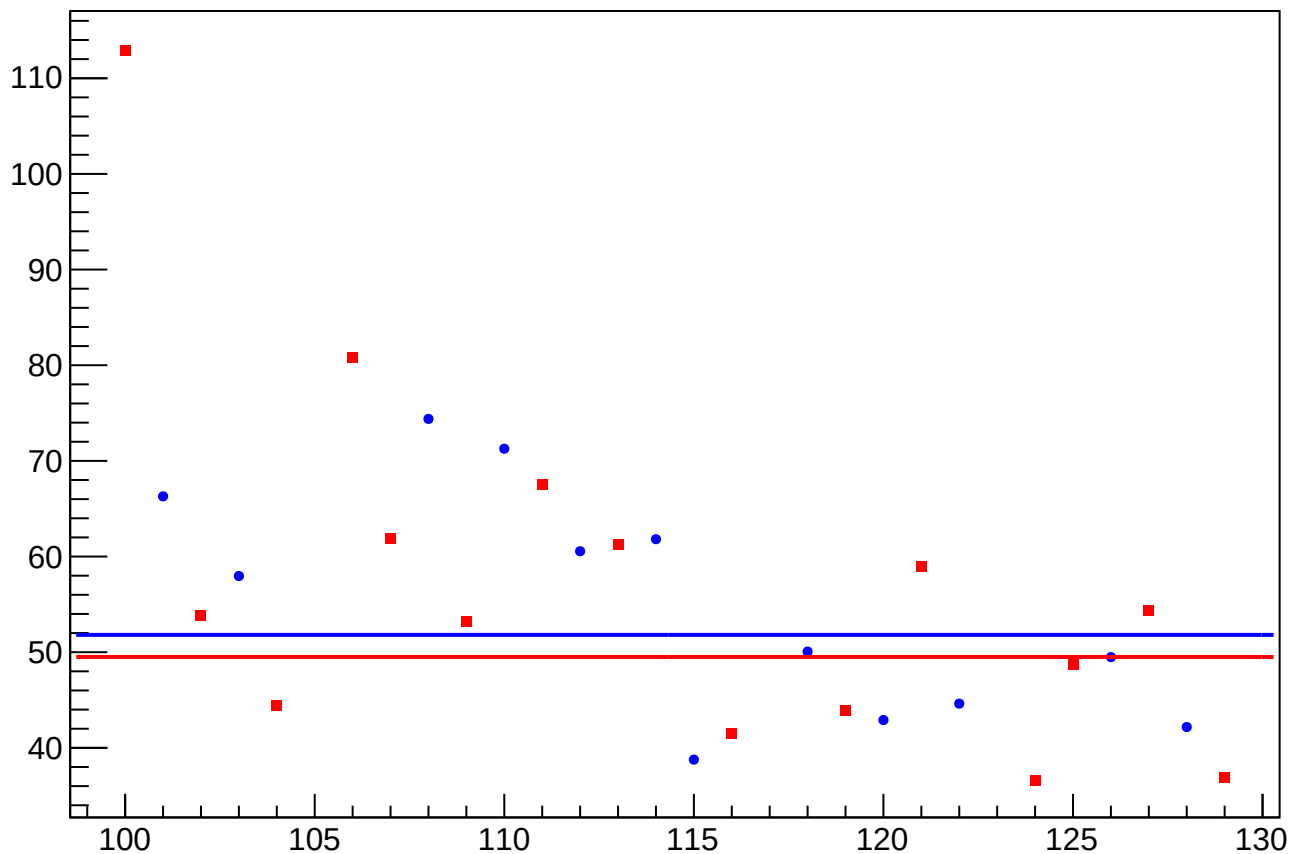
Right: 0.013+/-0.016 χ^2/NDF : 21.1/26

In: 0.030+/-0.024 χ^2/NDF : 7.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.016 χ^2/NDF : 21.1/26

asym_sam_2468_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 51.811+/-0.017 χ^2/NDF : 348172.0/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

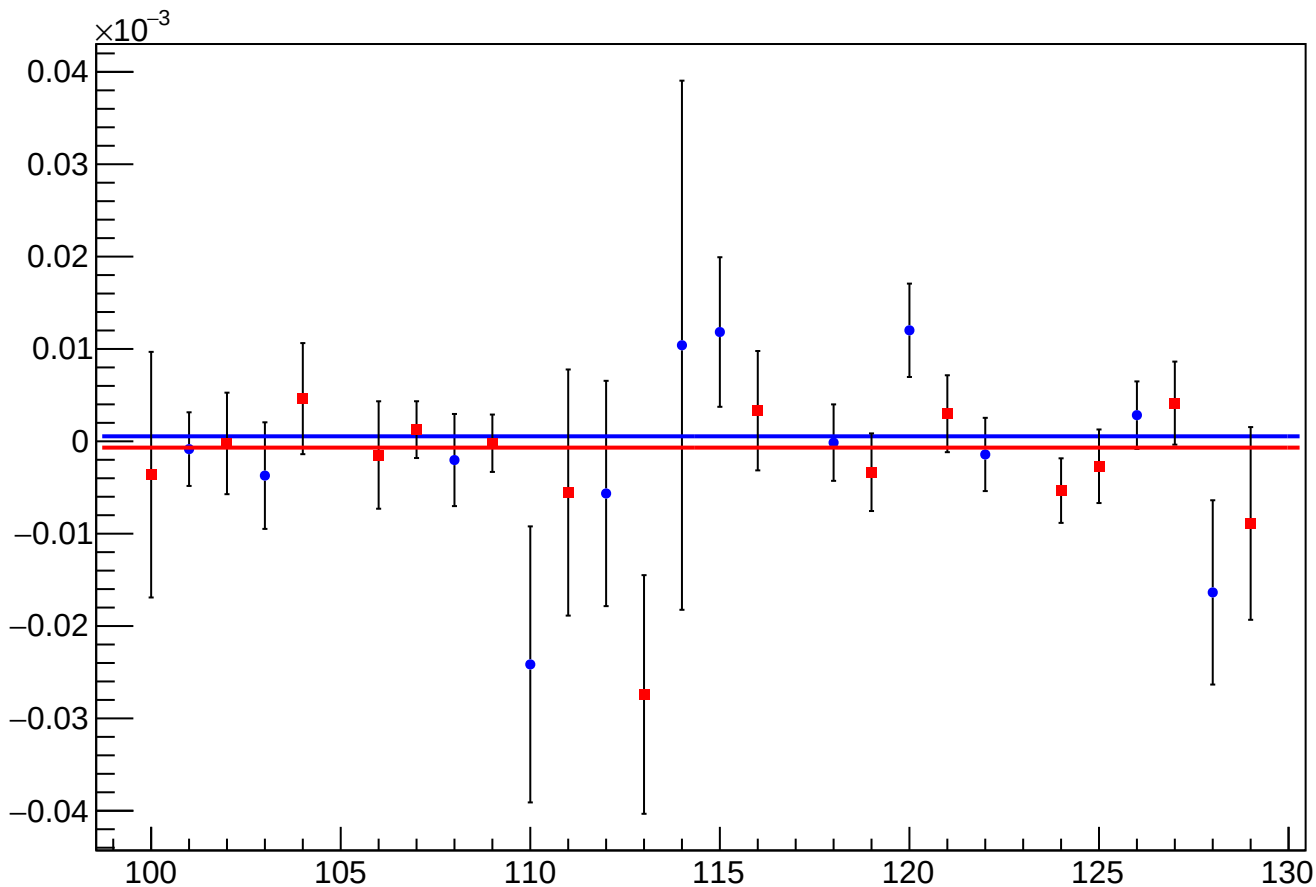
Right: 50.510+/-0.011 χ^2/NDF : 797243.5/26

In: 51.811+/-0.017 χ^2/NDF :348172.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 50.510+/-0.011 χ^2/NDF : 797243.5/26

asym_sam_2468_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 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

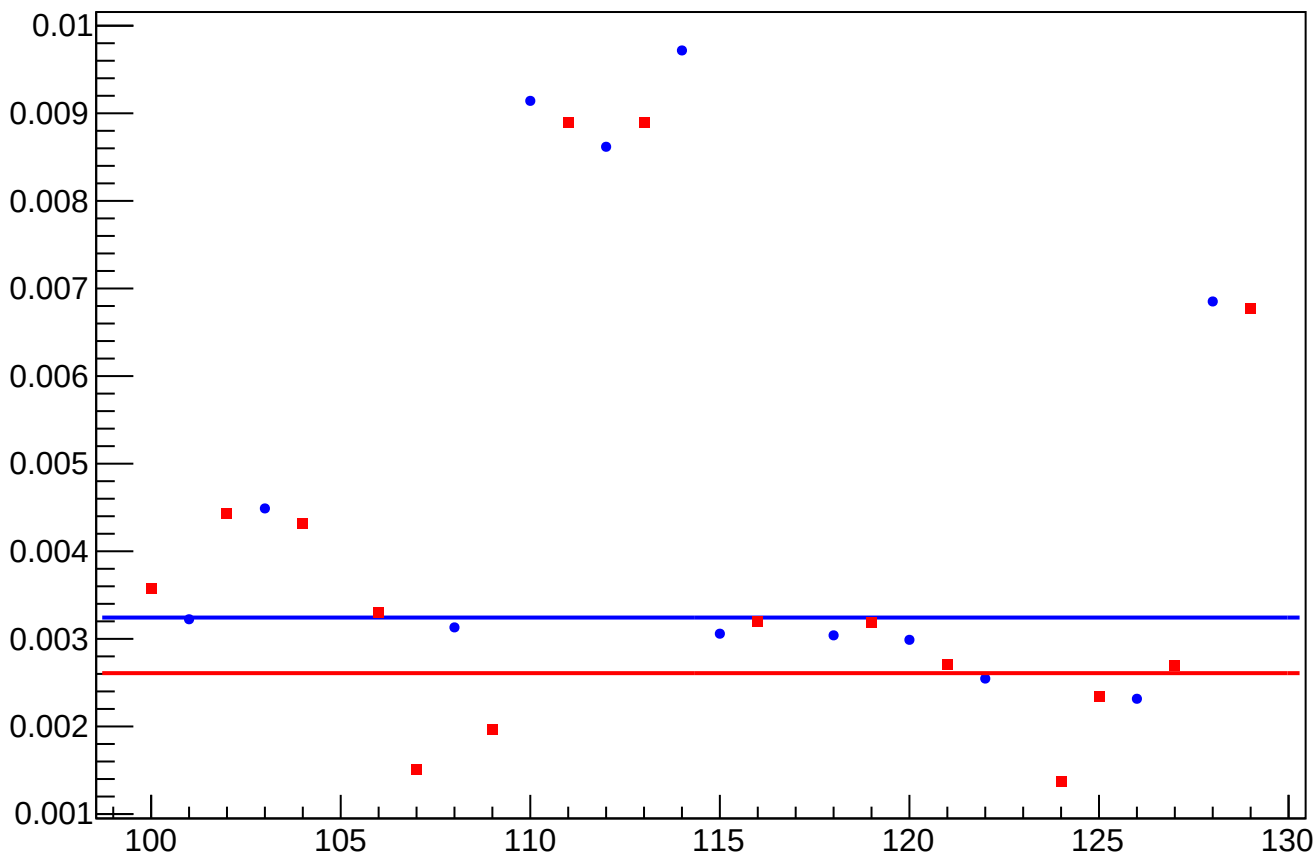
Right: -0.000+/-0.000 χ^2/NDF : 26.1/26

In: 0.000+/-0.000 χ^2/NDF : 14.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.1/26

asym_sam_2468_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1359410.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 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

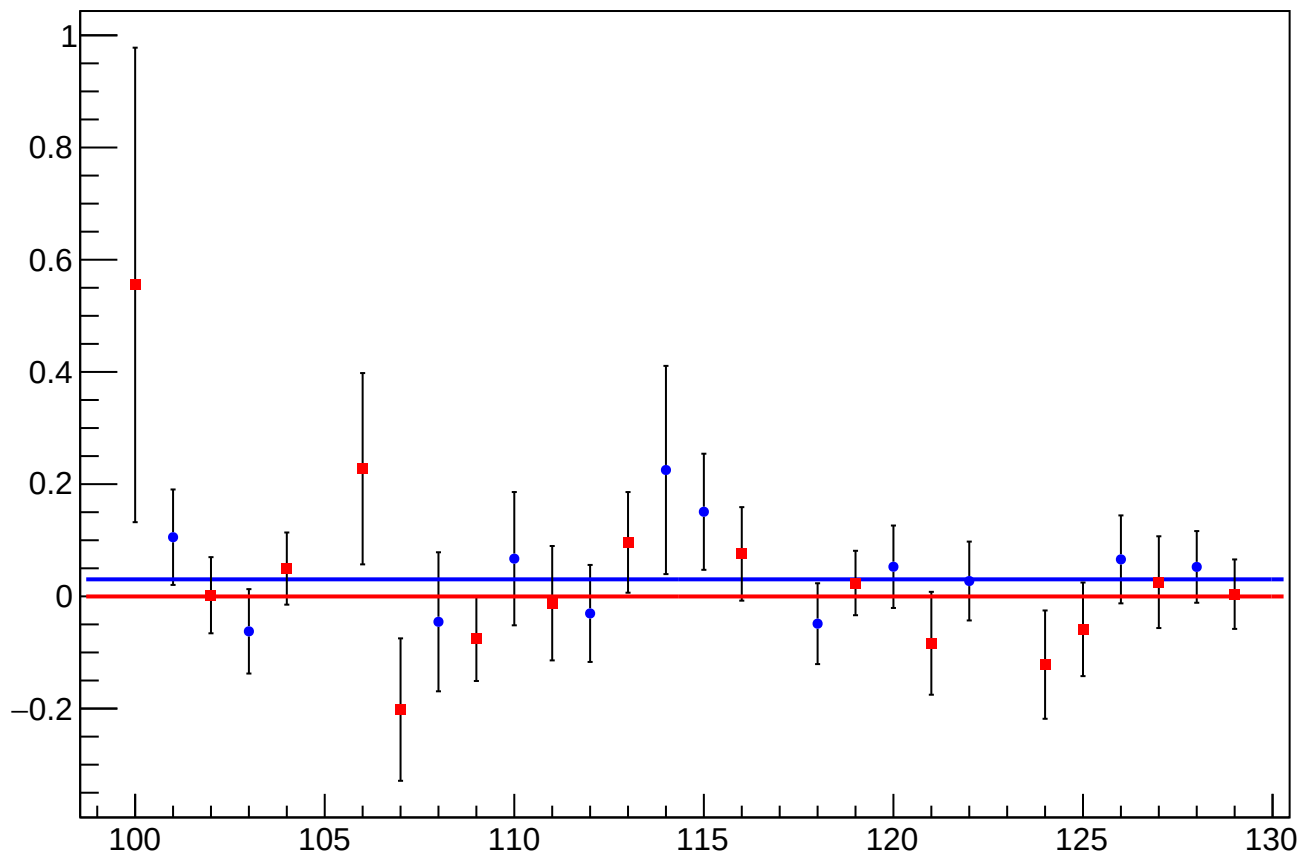
Right: 0.003+/-0.000 χ^2/NDF : 3879845.5/26

In: 0.003+/-0.000 χ^2/NDF : 1359410.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3879845.5/26

asym_sam_2468_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.030+/-0.024 χ^2/NDF : 7.3/11

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

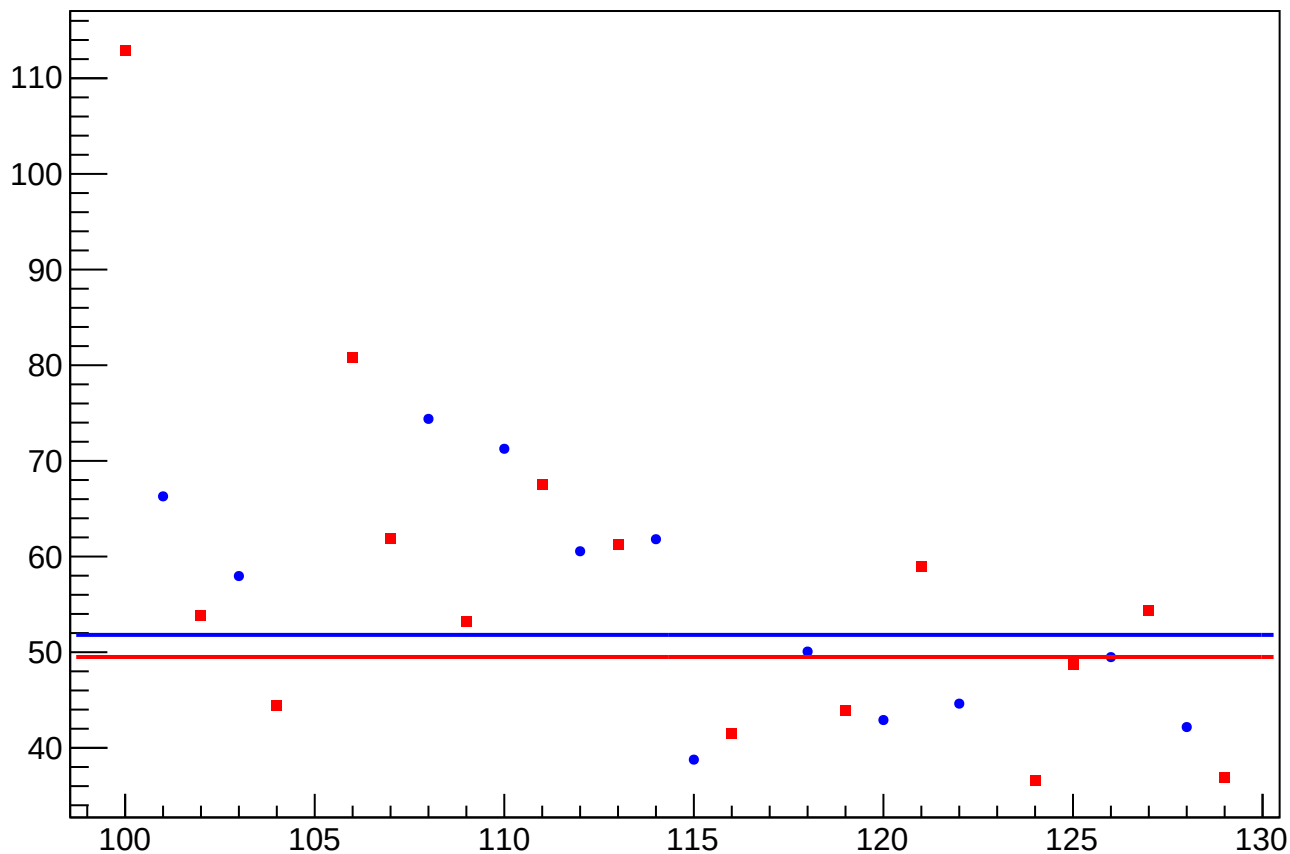
Right: 0.013+/-0.016 χ^2/NDF : 21.1/26

In: 0.030+/-0.024 χ^2/NDF : 7.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.016 χ^2/NDF : 21.1/26

asym_sam_2468_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 51.810+/-0.017 χ^2/NDF : 348152.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

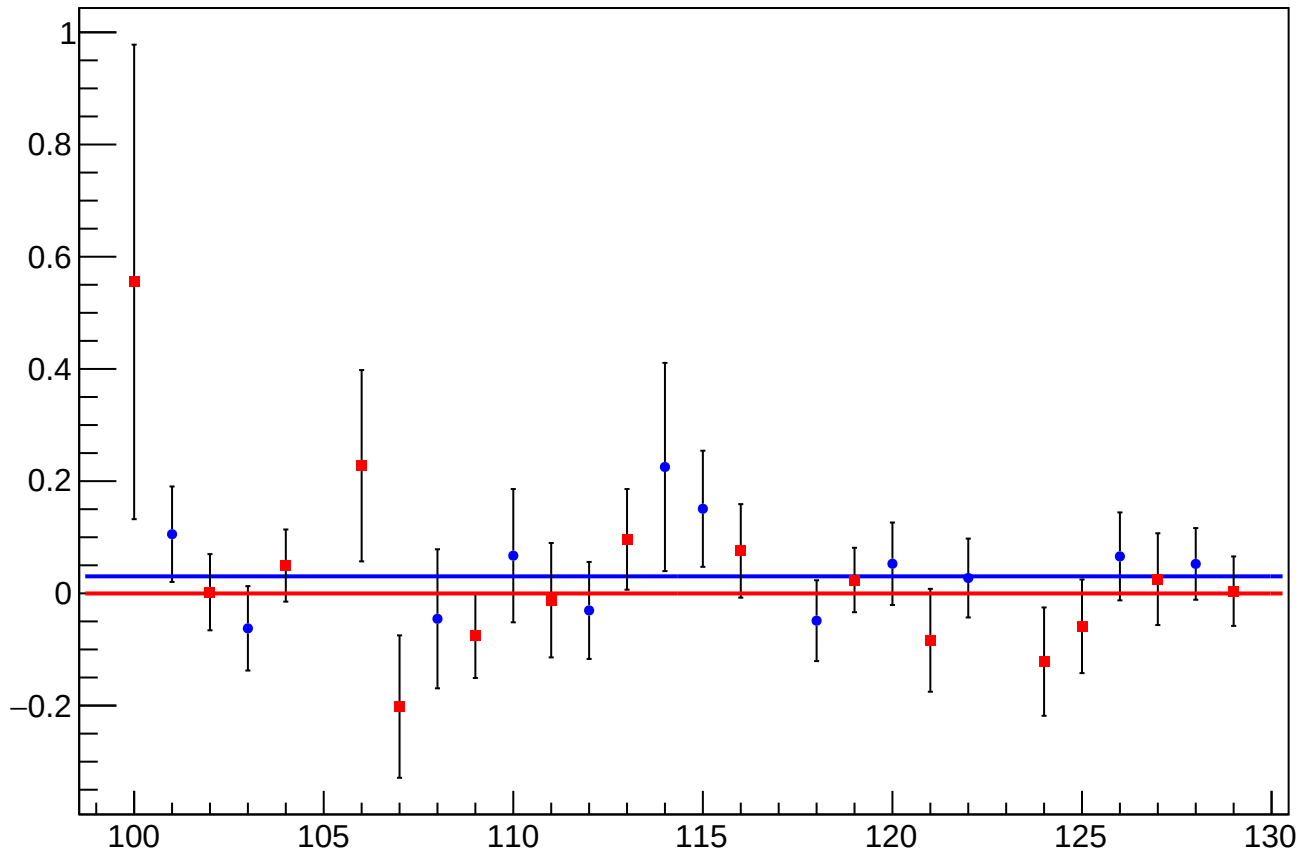
Right: 50.509+/-0.011 χ^2/NDF : 797226.3/26

In: 51.810+/-0.017 χ^2/NDF : 348152.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.509+/-0.011 χ^2/NDF : 797226.3/26

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.030+/-0.024 χ^2/NDF : 7.3/11

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

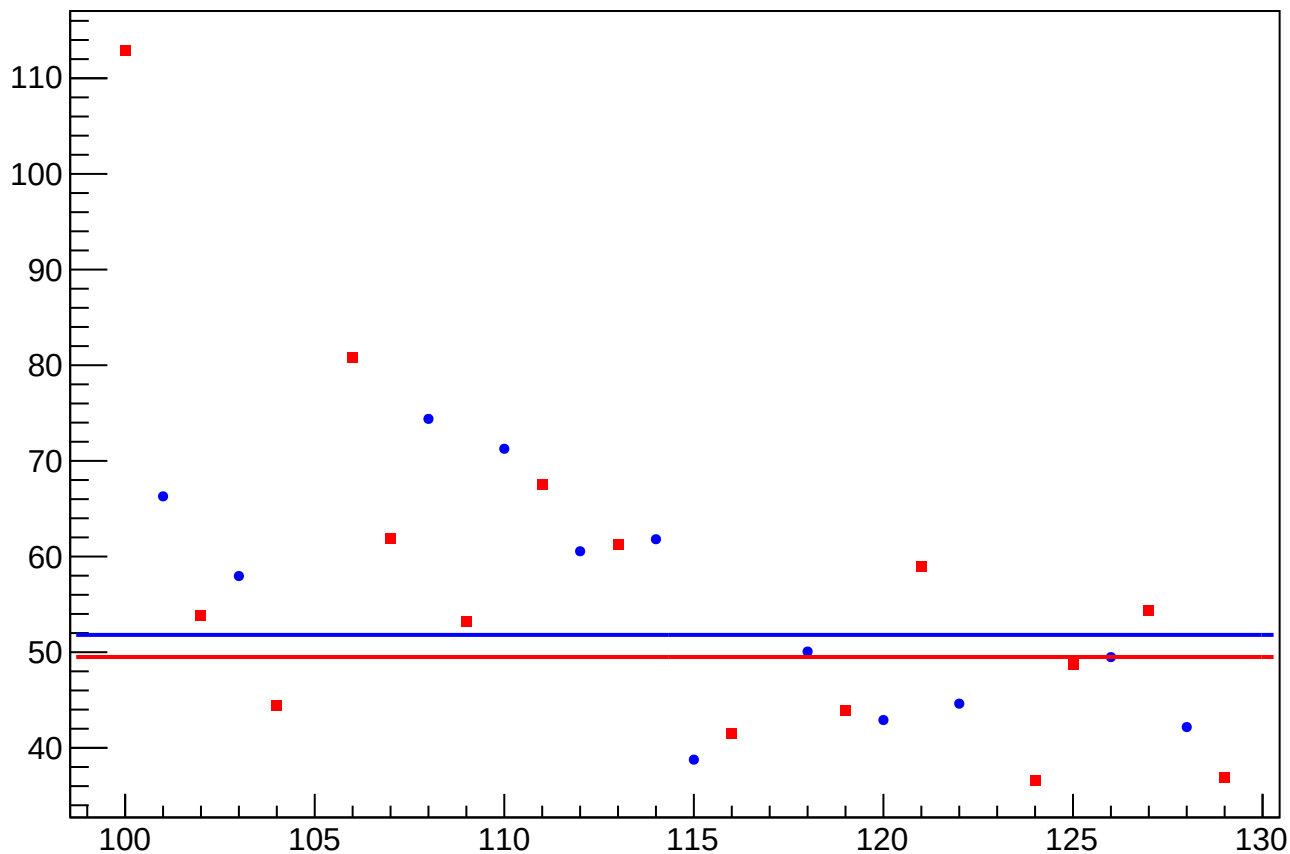
Right: 0.013+/-0.016 χ^2/NDF : 21.1/26

In: 0.030+/-0.024 χ^2/NDF : 7.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.016 χ^2/NDF : 21.1/26

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 51.810+/-0.017 χ^2/NDF : 348152.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

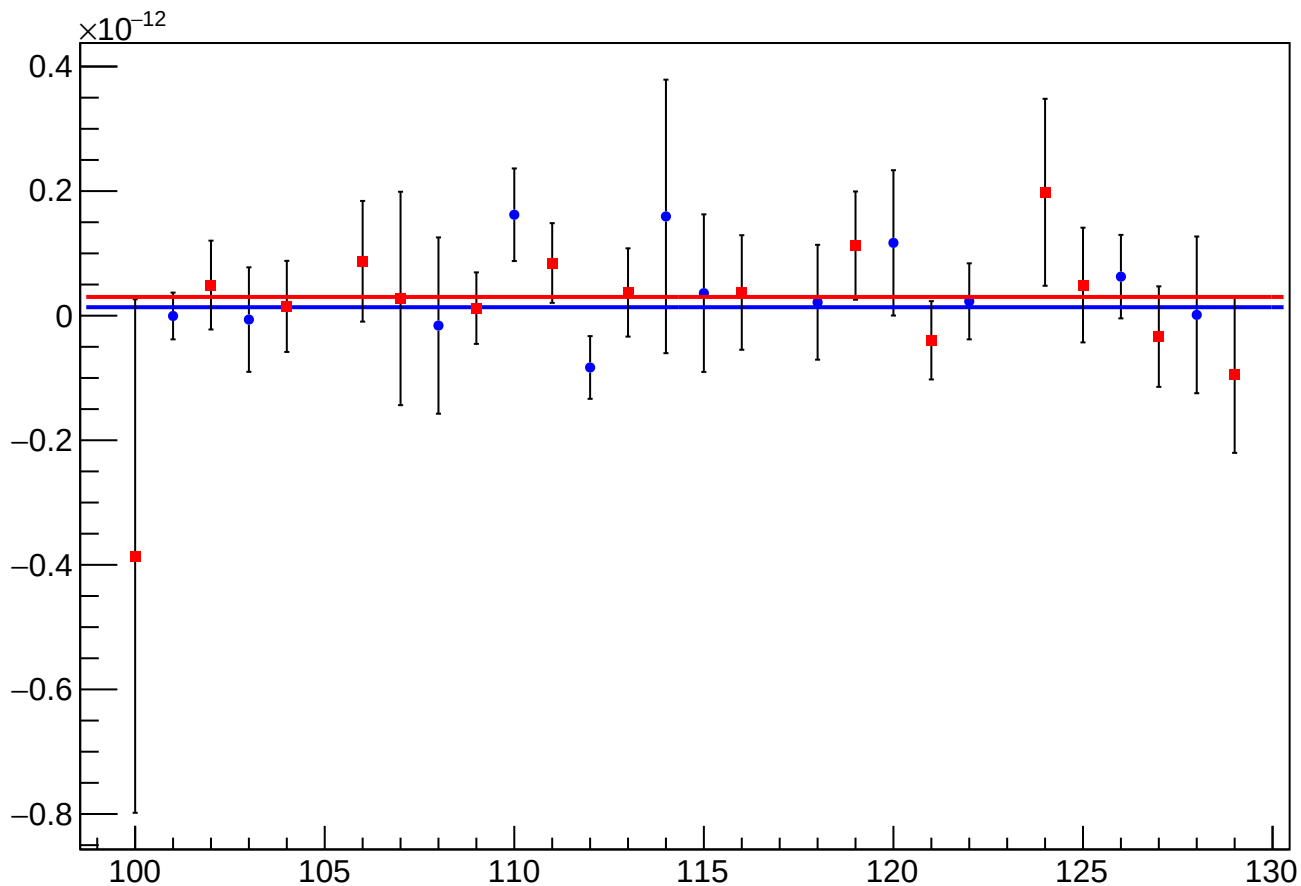
Right: 50.509+/-0.011 χ^2/NDF : 797226.3/26

In: 51.810+/-0.017 χ^2/NDF : 348152.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.509+/-0.011 χ^2/NDF : 797226.3/26

asym_sam_2468_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 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

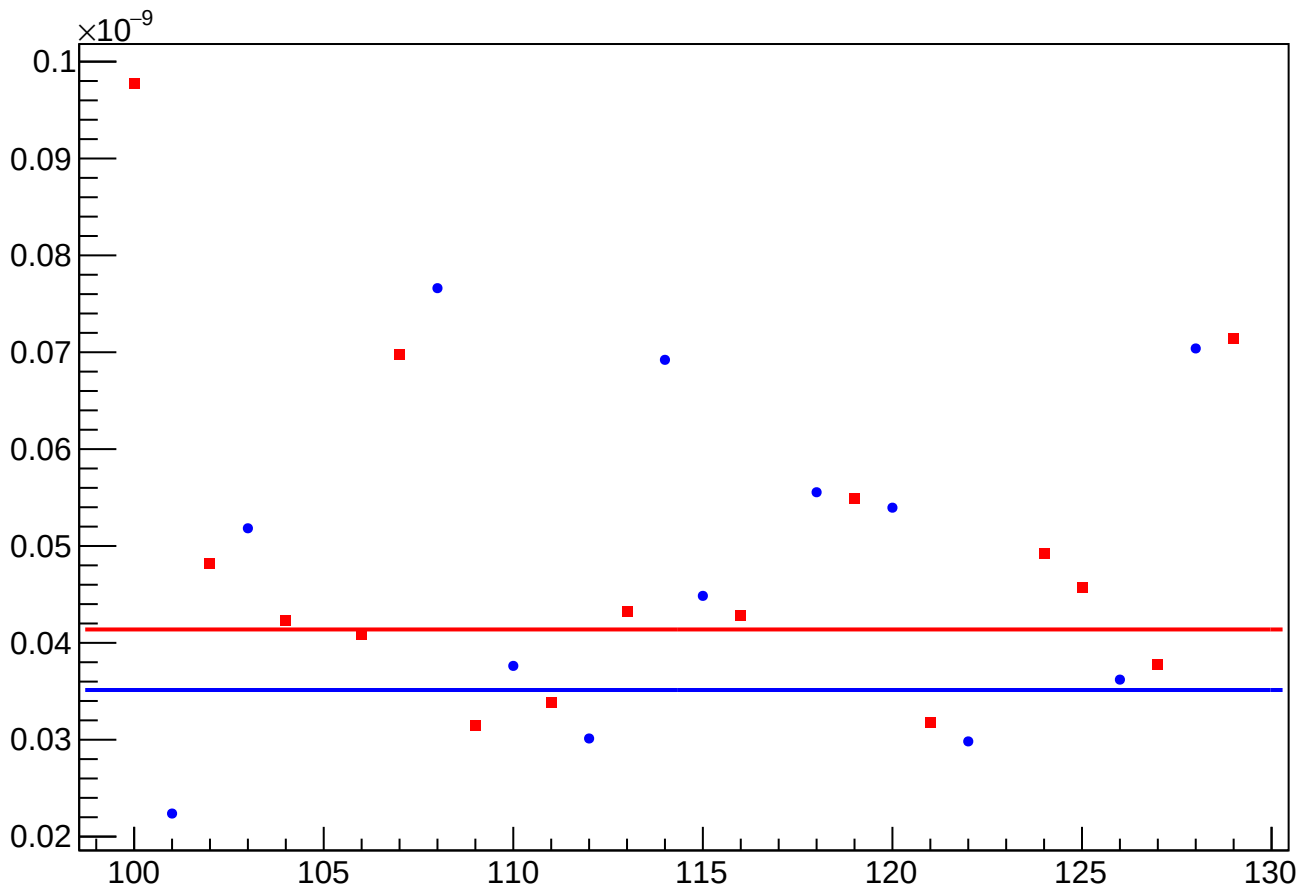
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.4/26

In: 0.000 $\pm$ 0.000 χ^2 /NDF:9.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.4/26

asym_sam_2468_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 887027.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

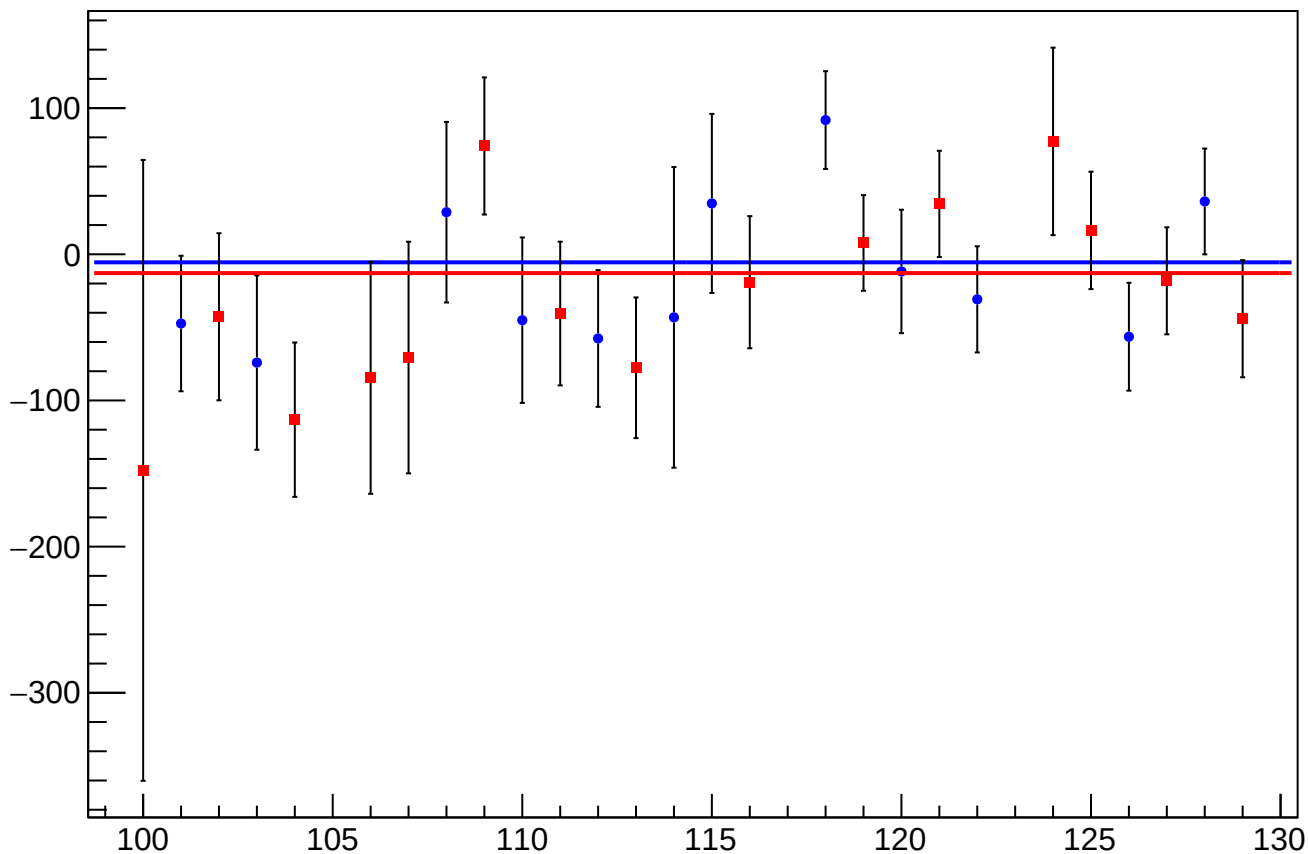
Right: 0.000+/-0.000 χ^2/NDF : 1397013.2/26

In: 0.000+/-0.000 χ^2/NDF : 887027.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1397013.2/26

reg_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -5.501 ± 13.073 $\chi^2/\text{NDF}: 17.0/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -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 $\chi^2/\text{NDF}: 0.0/0$

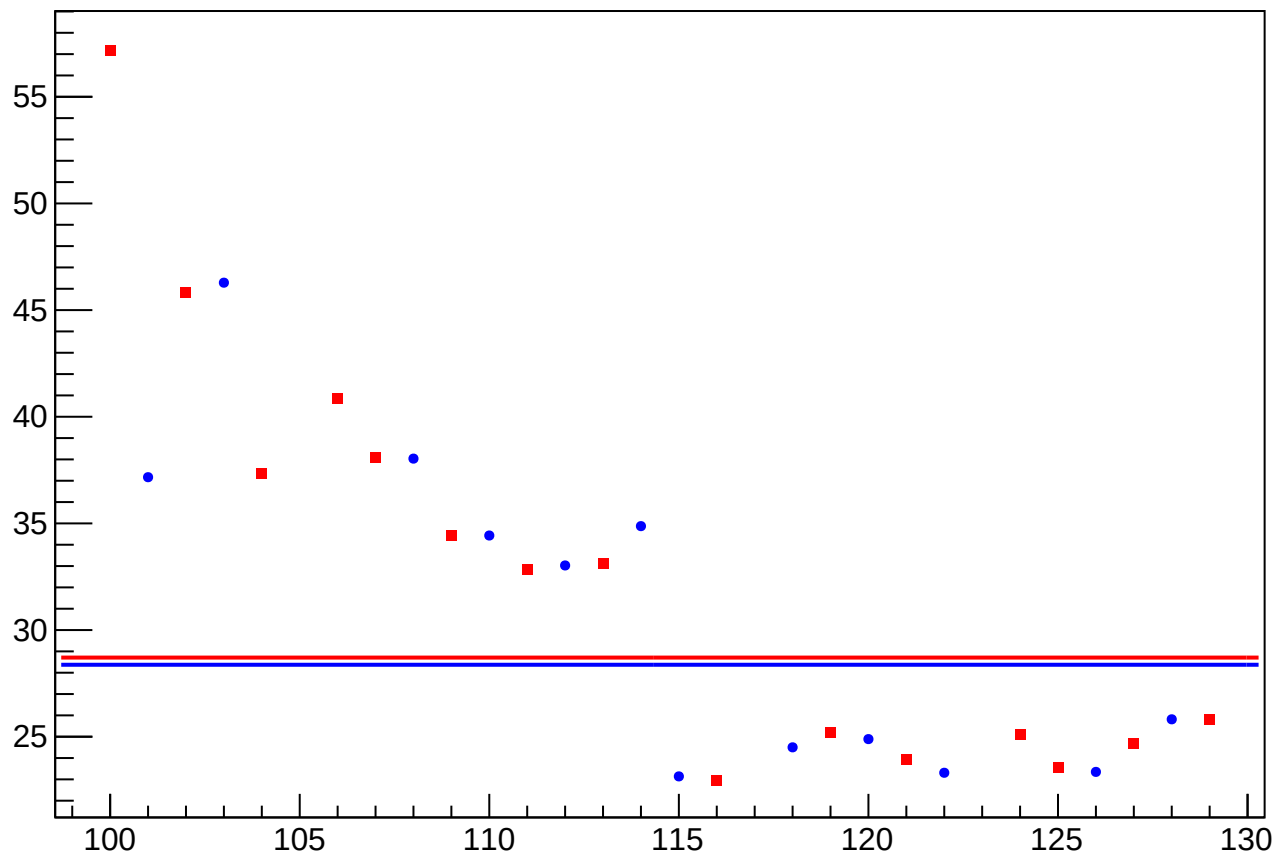
Right: -9.434 ± 8.920 $\chi^2/\text{NDF}: 33.6/26$

In: -5.501 ± 13.073 $\chi^2/\text{NDF}: 17.0/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -9.434 ± 8.920 $\chi^2/\text{NDF}: 33.6/26$

reg_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 28.373+/-0.009 χ^2/NDF : 493082.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

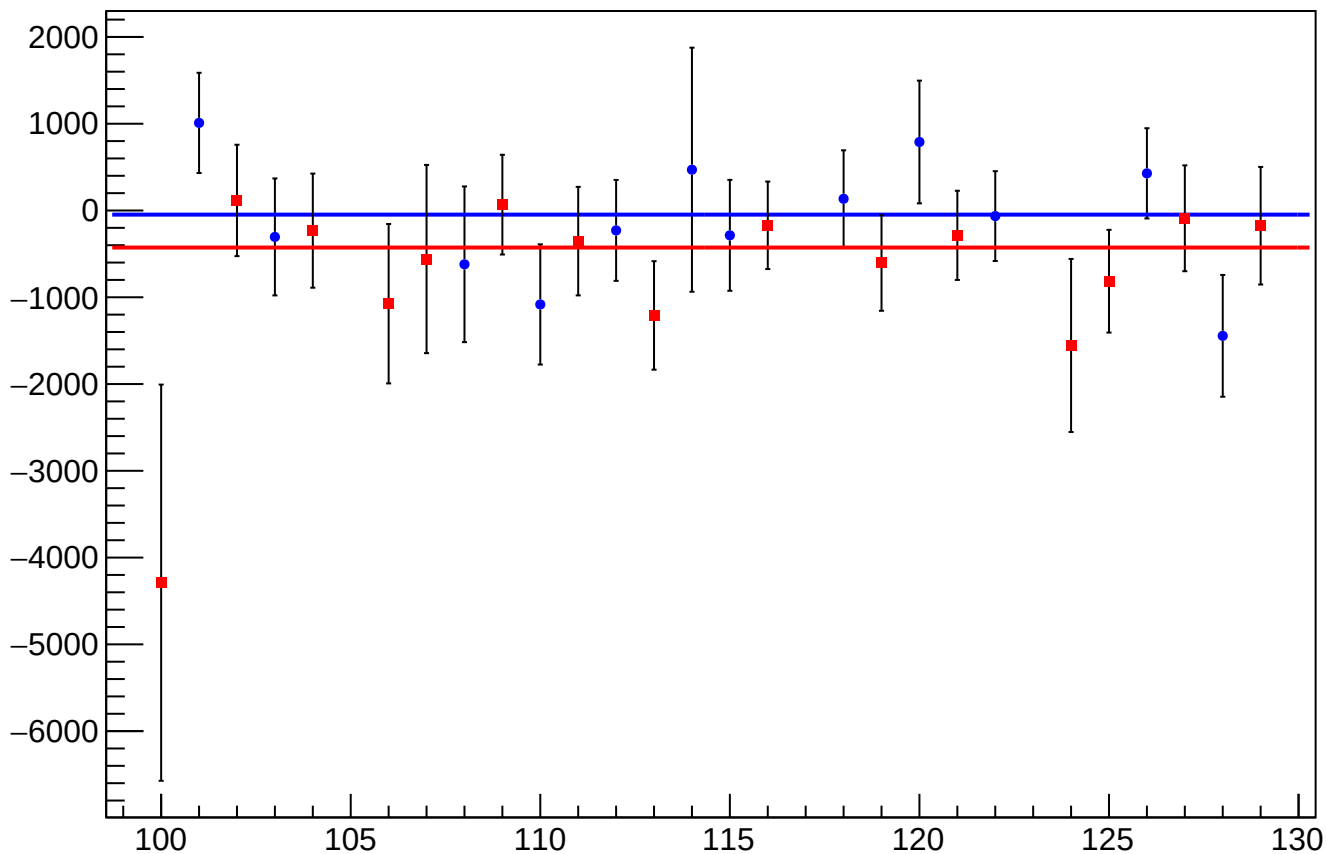
Right: 28.553+/-0.006 χ^2/NDF : 1061917.9/26

In: 28.373+/-0.009 χ^2/NDF : 493082.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.553+/-0.006 χ^2/NDF : 1061917.9/26

asym_sam_1357_2468_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -47.555 $\pm$ 185.377 χ^2 /NDF: 12.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -426.955 $\pm$ 169.409 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

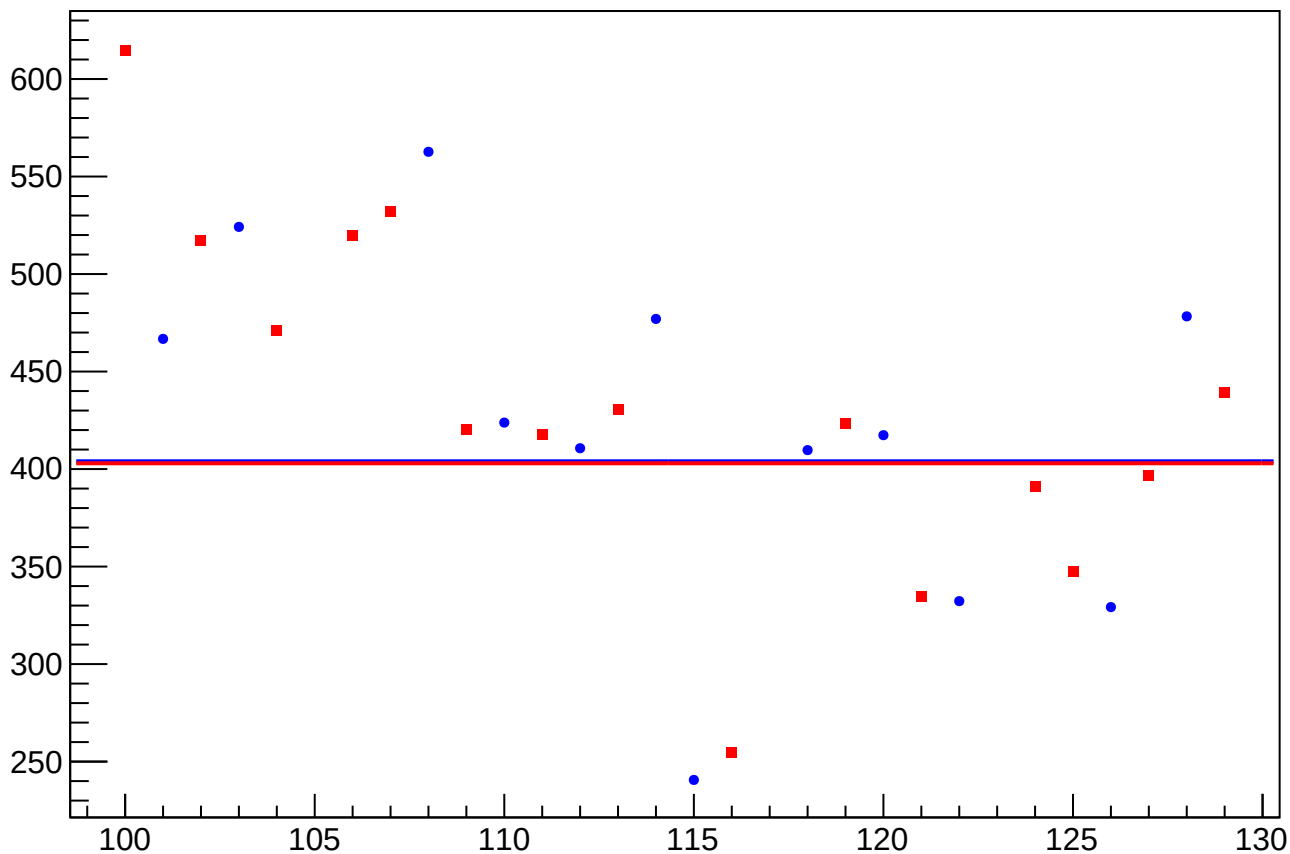
Right: -254.297 $\pm$ 125.055 χ^2 /NDF: 24.2/26

In: -47.555 $\pm$ 185.377 χ^2 /NDF:12.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -254.297 $\pm$ 125.055 χ^2 /NDF: 24.2/26

asym_sam_1357_2468_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 403.986+/-0.131 χ^2/NDF : 390856.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 402.968+/-0.120 χ^2/NDF : 403753.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

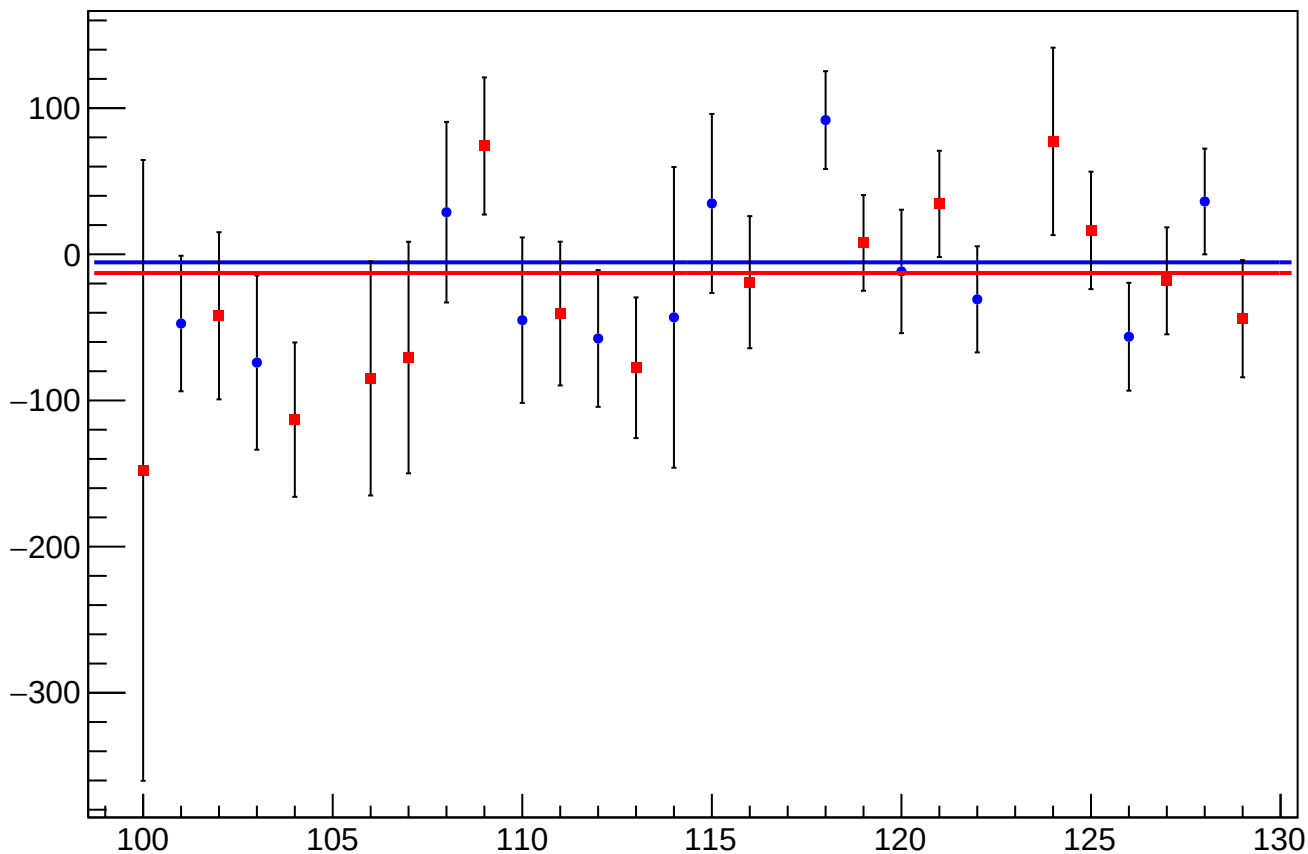
Right: 403.431+/-0.088 χ^2/NDF : 794642.3/26

In: 403.986+/-0.131 χ^2/NDF : 390856.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 403.431+/-0.088 χ^2/NDF : 794642.3/26

cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -5.497+/-13.073 χ^2/NDF : 17.0/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

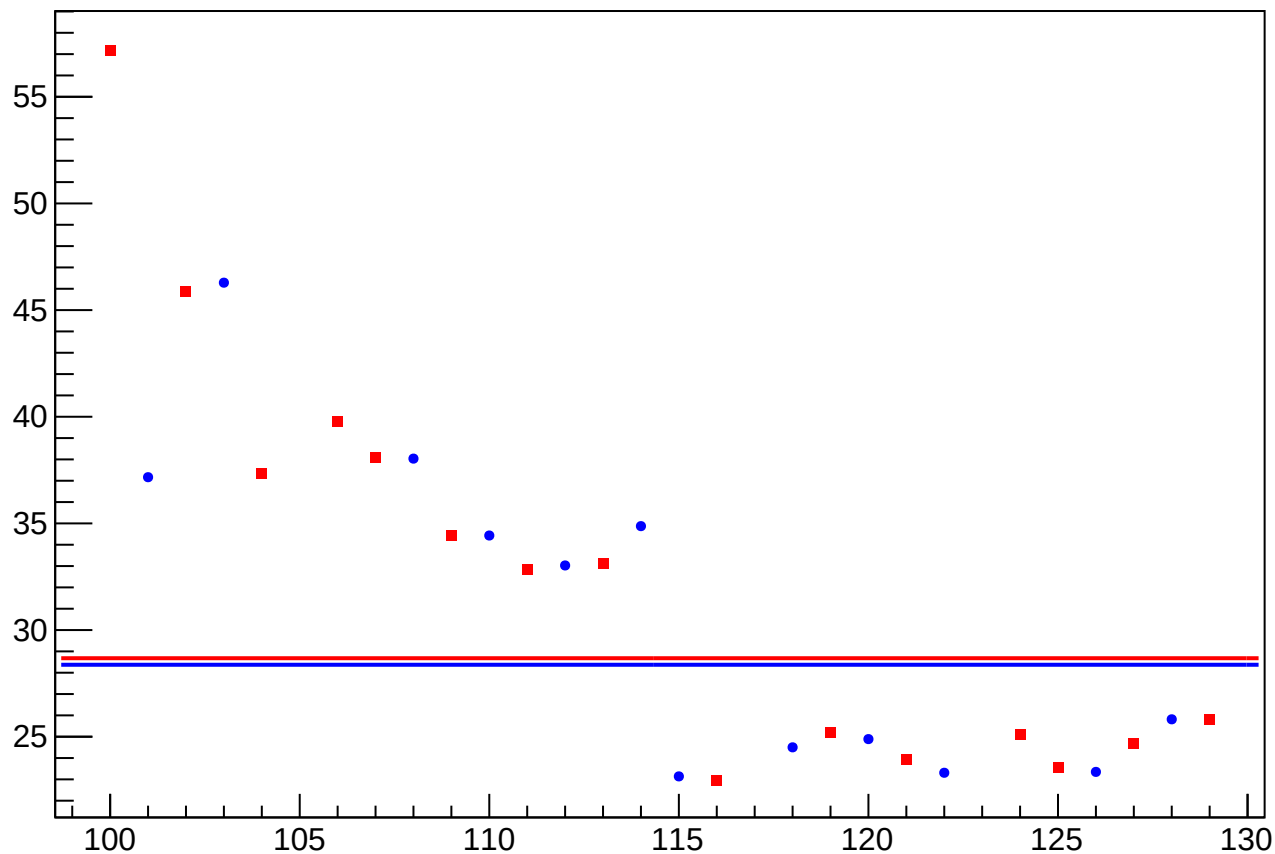
Right: -9.400+/-8.921 χ^2/NDF : 33.5/26

In: -5.497+/-13.073 χ^2/NDF :17.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -9.400+/-8.921 χ^2/NDF : 33.5/26

cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 28.373+/-0.009 χ^2/NDF : 493085.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.679+/-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

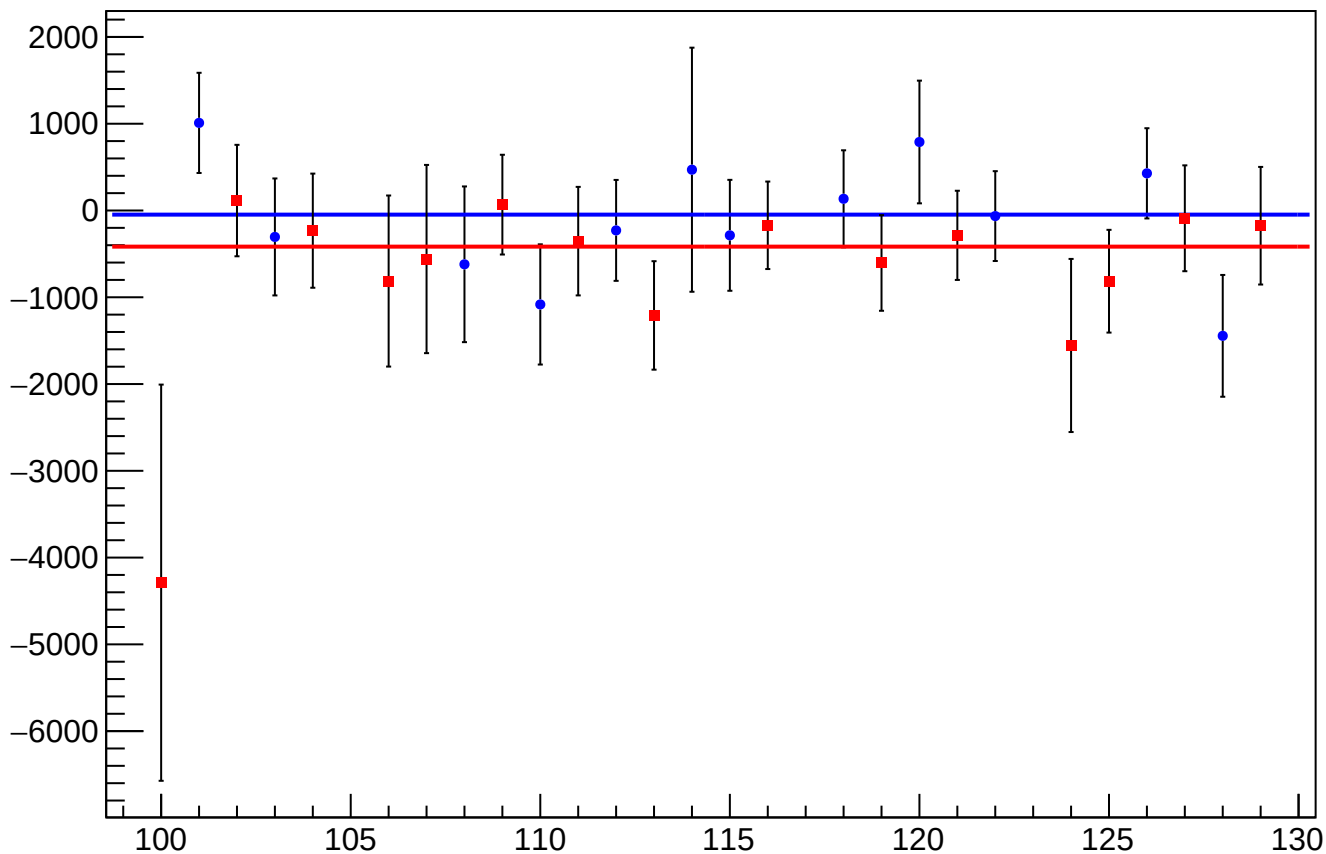
Right: 28.537+/-0.006 χ^2/NDF : 1053336.7/26

In: 28.373+/-0.009 χ^2/NDF : 493085.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.537+/-0.006 χ^2/NDF : 1053336.7/26

asym_sam_1357_2468_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -47.569 ± 185.378 χ^2/NDF : 12.8/11

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

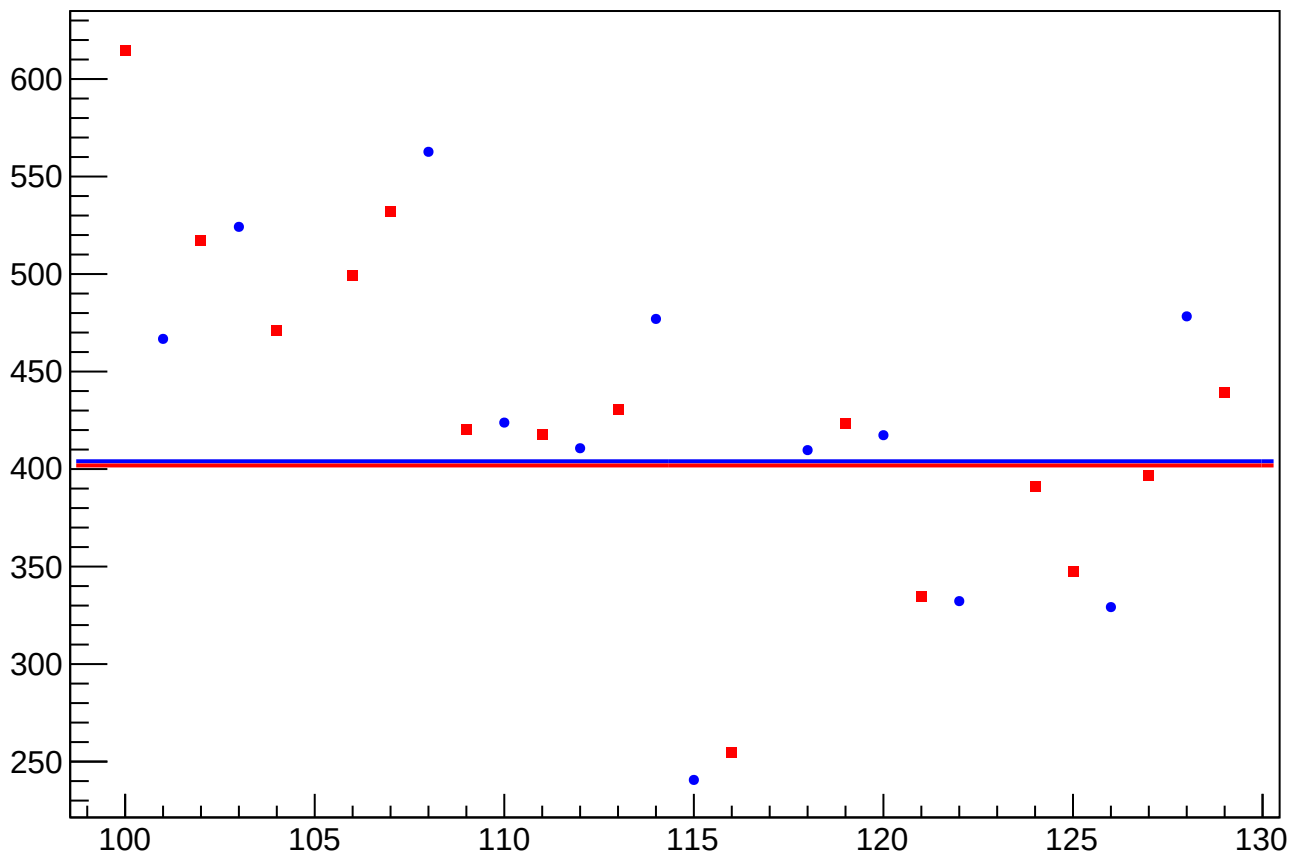
Right: -248.157 ± 125.210 χ^2/NDF : 23.7/26

In: -47.569 ± 185.378 χ^2/NDF : 12.8/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -248.157 ± 125.210 χ^2/NDF : 23.7/26

asym_sam_1357_2468_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 403.987+/-0.131 χ^2/NDF : 390879.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

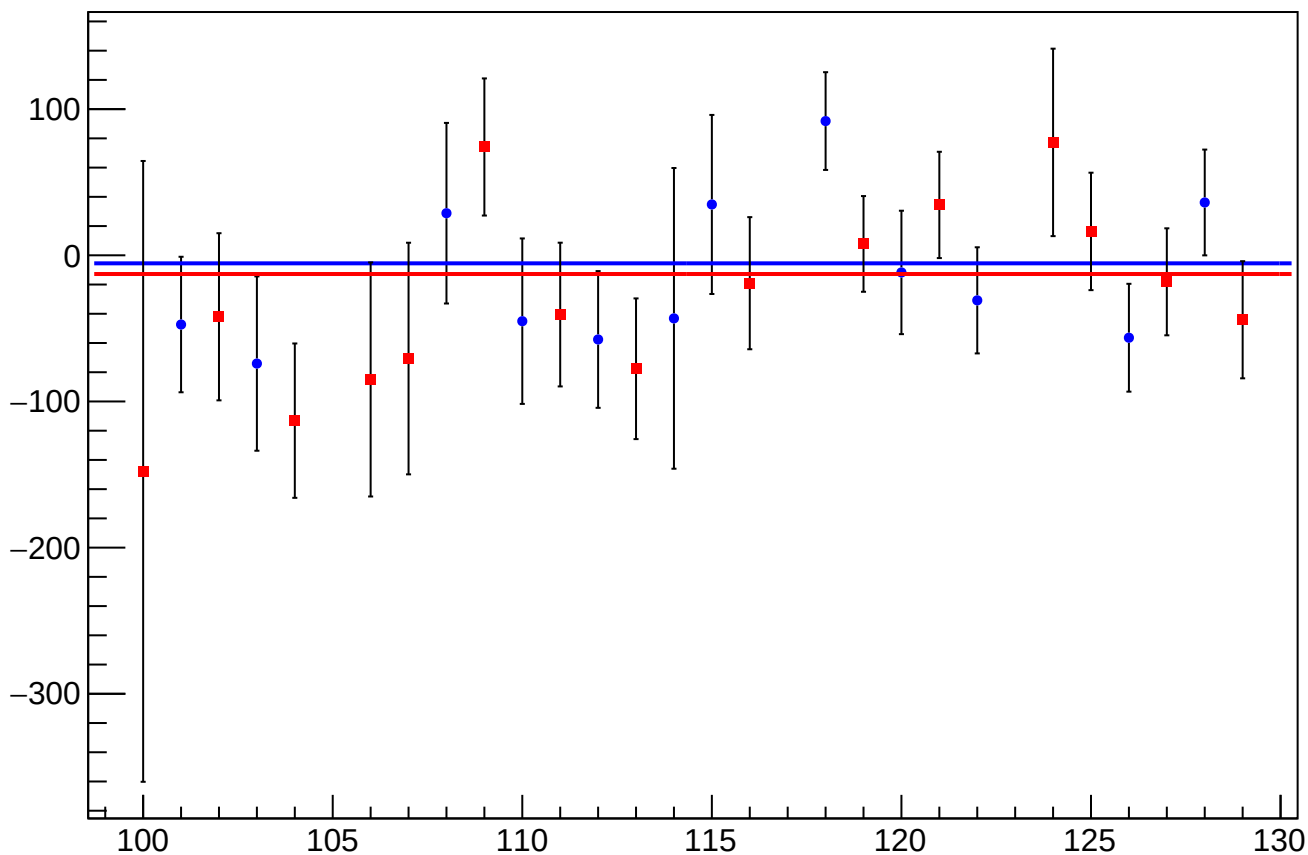
Right: 402.824+/-0.089 χ^2/NDF : 781704.2/26

In: 403.987+/-0.131 χ^2/NDF :390879.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 402.824+/-0.089 χ^2/NDF : 781704.2/26

eigen_cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -5.497 ± 13.073 $\chi^2/\text{NDF}: 17.0/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -12.802 ± 12.206 $\chi^2/\text{NDF}: 16.4/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

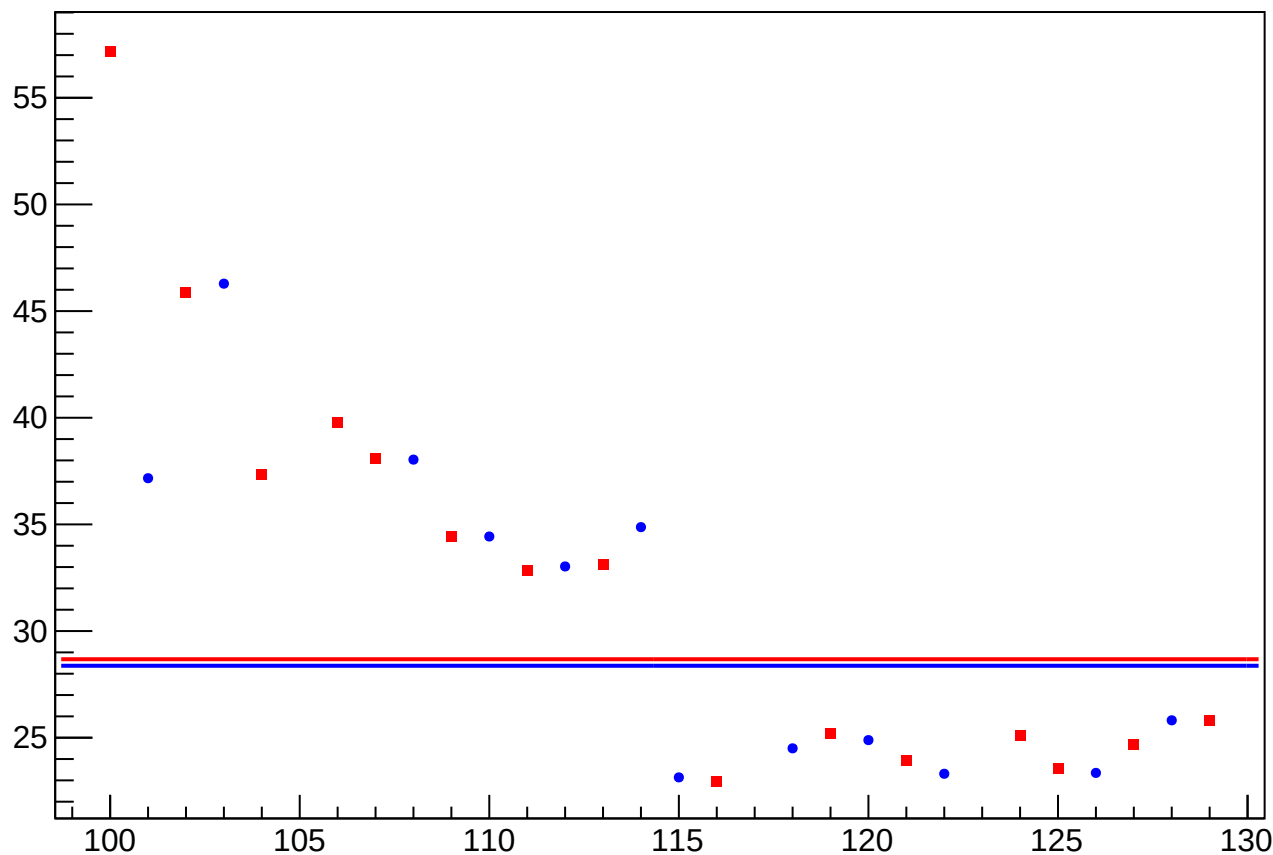
Right: -9.400 ± 8.921 $\chi^2/\text{NDF}: 33.5/26$

In: -5.497 ± 13.073 $\chi^2/\text{NDF}: 17.0/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -9.400 ± 8.921 $\chi^2/\text{NDF}: 33.5/26$

eigen_cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 28.373+/-0.009 χ^2/NDF : 493085.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.679+/-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

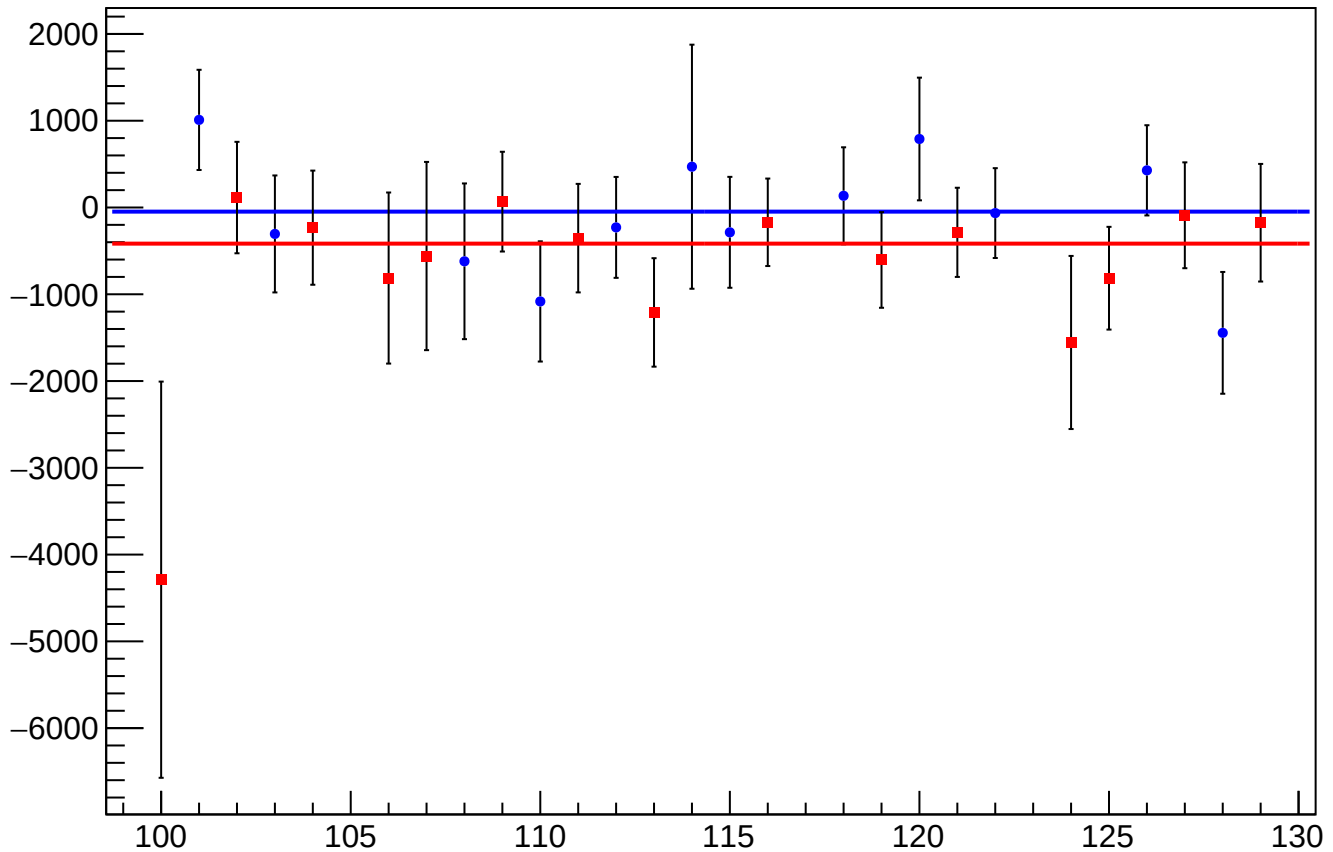
Right: 28.537+/-0.006 χ^2/NDF : 1053336.7/26

In: 28.373+/-0.009 χ^2/NDF : 493085.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.537+/-0.006 χ^2/NDF : 1053336.7/26

asym_sam_1357_2468_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -47.569+/-185.378 χ^2/NDF : 12.8/11

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

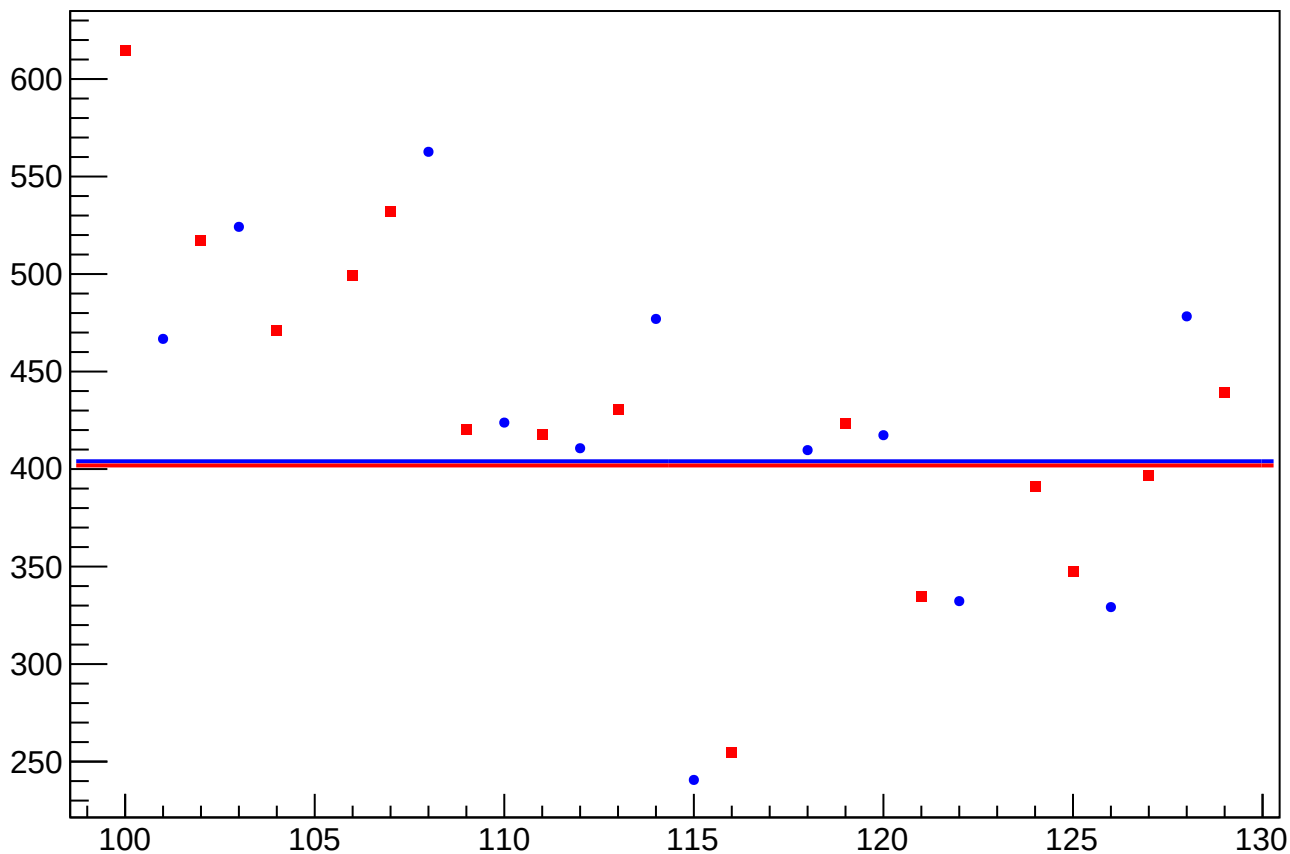
Right: -248.157+/-125.210 χ^2/NDF : 23.7/26

In: -47.569+/-185.378 χ^2/NDF : 12.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -248.157+/-125.210 χ^2/NDF : 23.7/26

asym_sam_1357_2468_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 403.987 $\pm$ 0.131 χ^2 /NDF: 390879.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 401.849 $\pm$ 0.120 χ^2 /NDF: 390679.7/14

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

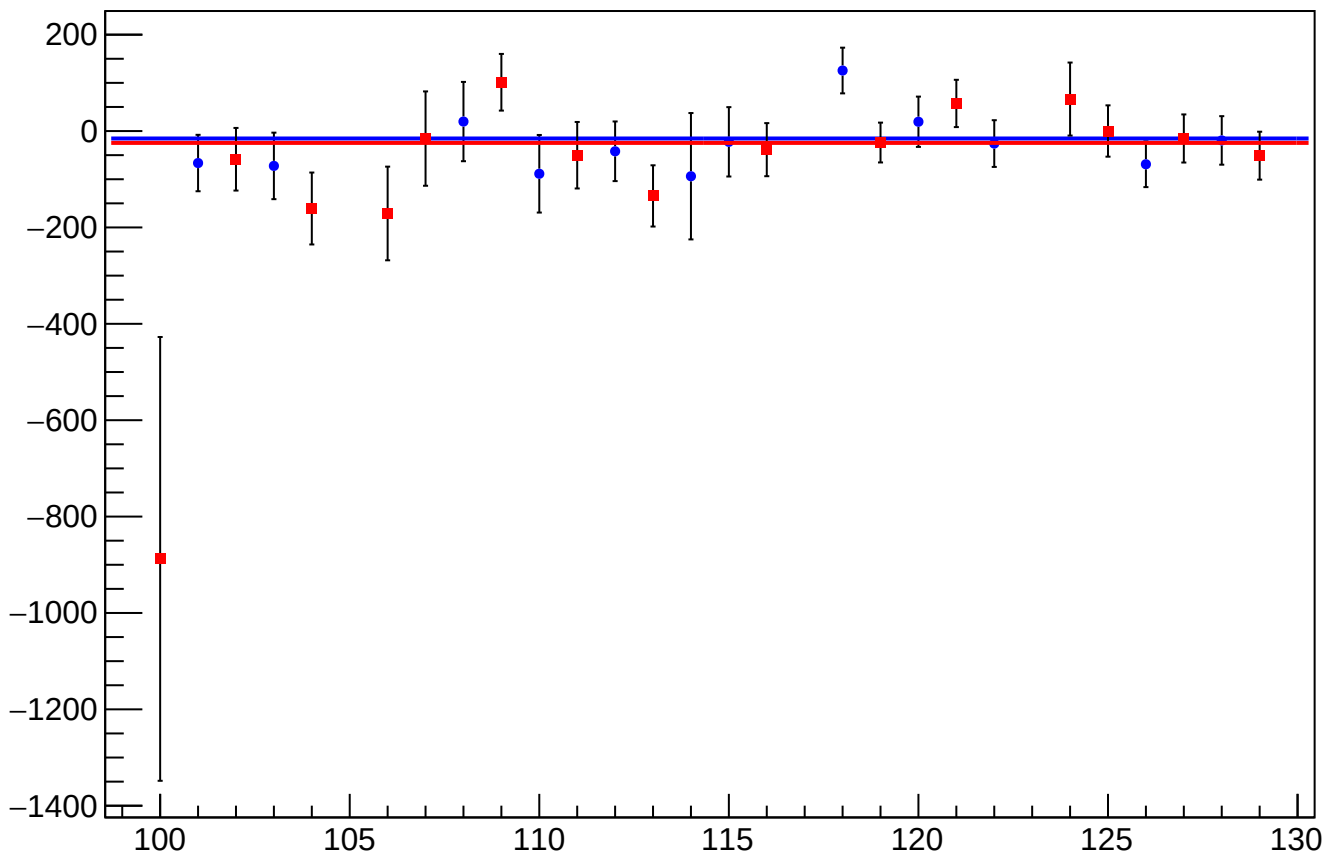
Right: 402.824 $\pm$ 0.089 χ^2 /NDF: 781704.2/26

In: 403.987 $\pm$ 0.131 χ^2 /NDF:390879.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 402.824 $\pm$ 0.089 χ^2 /NDF: 781704.2/26

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.428 ± 17.170 χ^2/NDF : 13.6/11

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

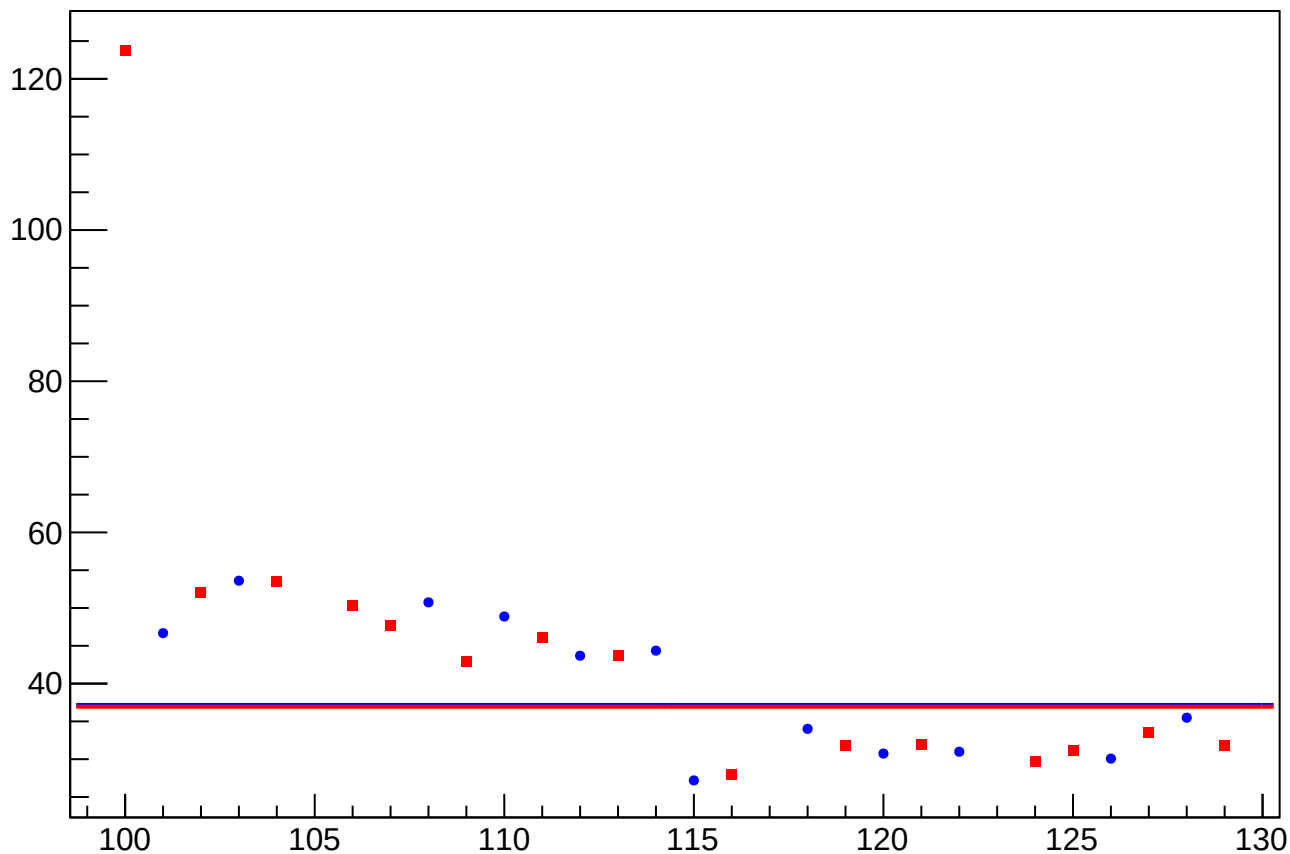
Right: -20.402 ± 11.599 χ^2/NDF : 35.7/26

In: -15.428 ± 17.170 χ^2/NDF : 13.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -20.402 ± 11.599 χ^2/NDF : 35.7/26

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 37.178+/-0.012 χ^2/NDF : 448311.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.940+/-0.011 χ^2/NDF : 595870.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

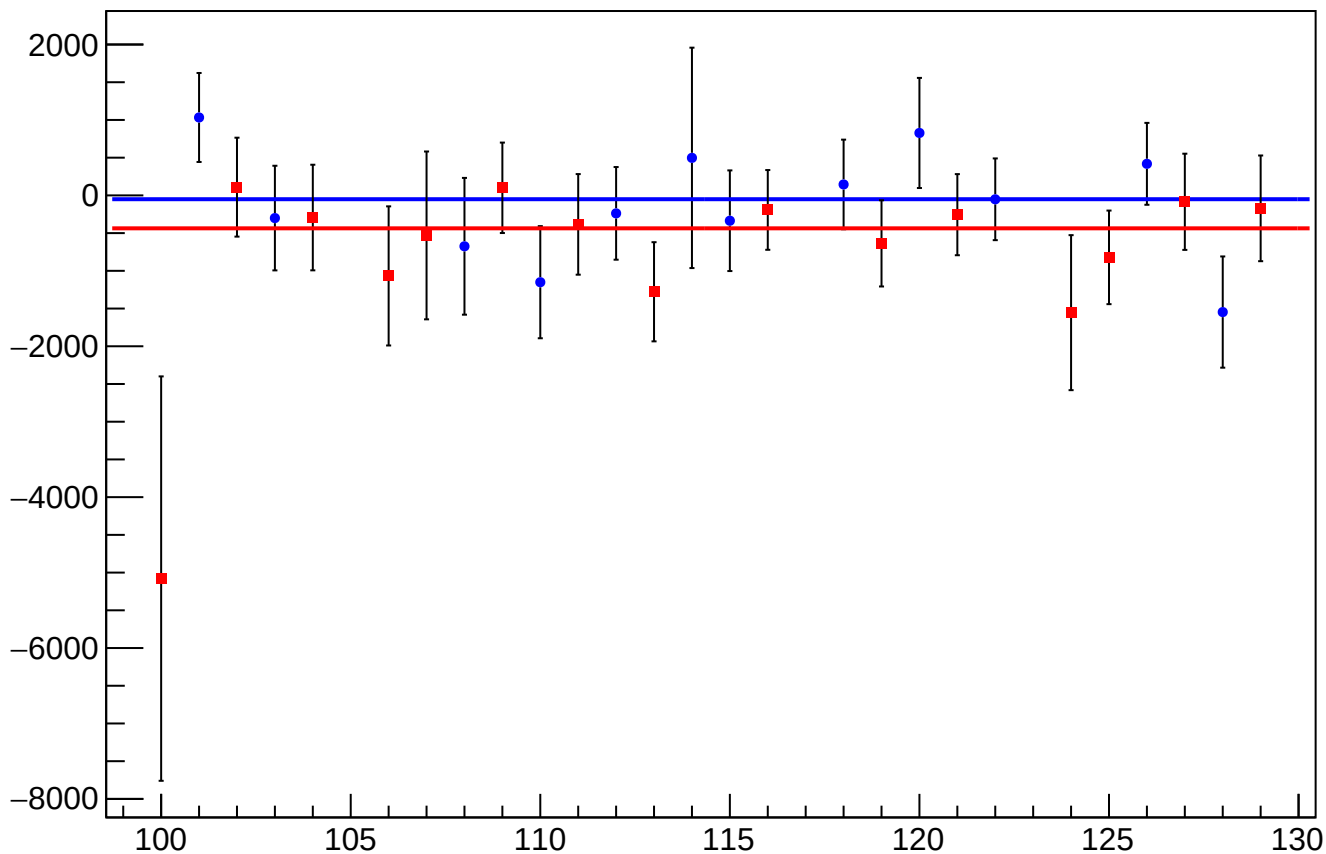
Right: 37.049+/-0.008 χ^2/NDF : 1044390.4/26

In: 37.178+/-0.012 χ^2/NDF : 448311.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.049+/-0.008 χ^2/NDF : 1044390.4/26

asym_sam_1357_2468_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -50.573 ± 193.516 χ^2/NDF : 13.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

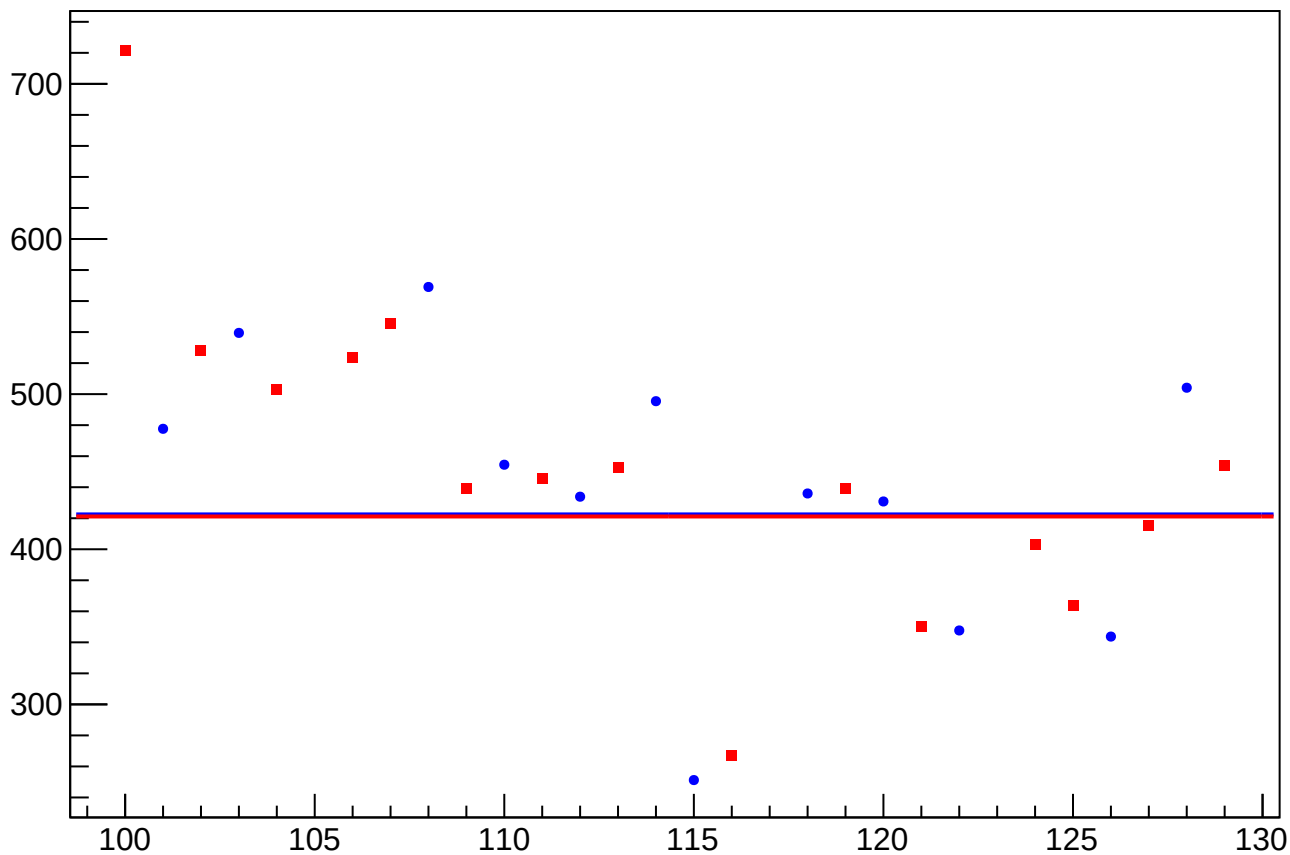
Right: -260.977 ± 130.536 χ^2/NDF : 24.3/26

In: -50.573 ± 193.516 χ^2/NDF : 13.0/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -260.977 ± 130.536 χ^2/NDF : 24.3/26

asym_sam_1357_2468_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 422.460+/-0.137 χ^2/NDF : 374064.8/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

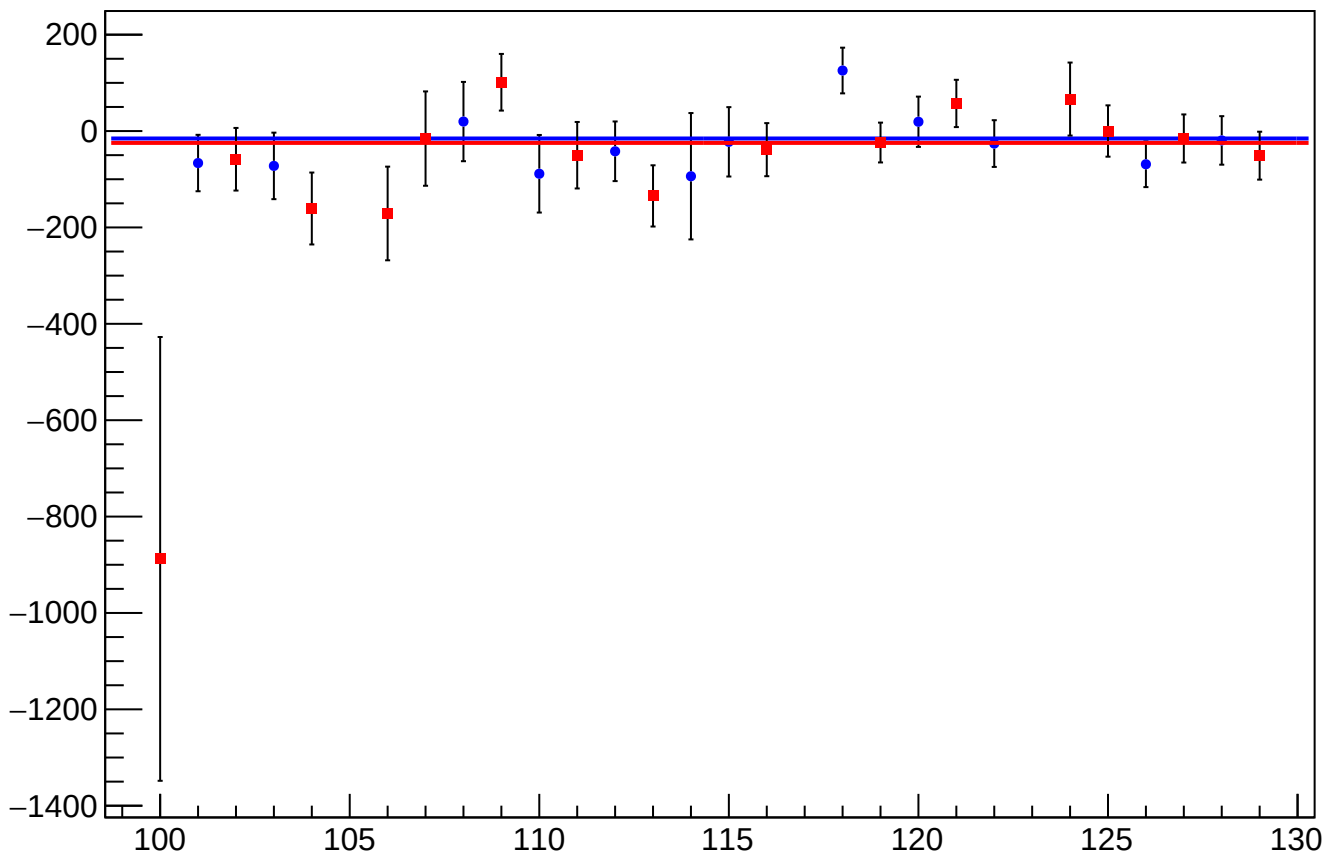
Right: 421.735+/-0.092 χ^2/NDF : 767138.6/26

In: 422.460+/-0.137 χ^2/NDF :374064.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 421.735+/-0.092 χ^2/NDF : 767138.6/26

eigen_dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.427 ± 17.170 χ^2/NDF : 13.6/11

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

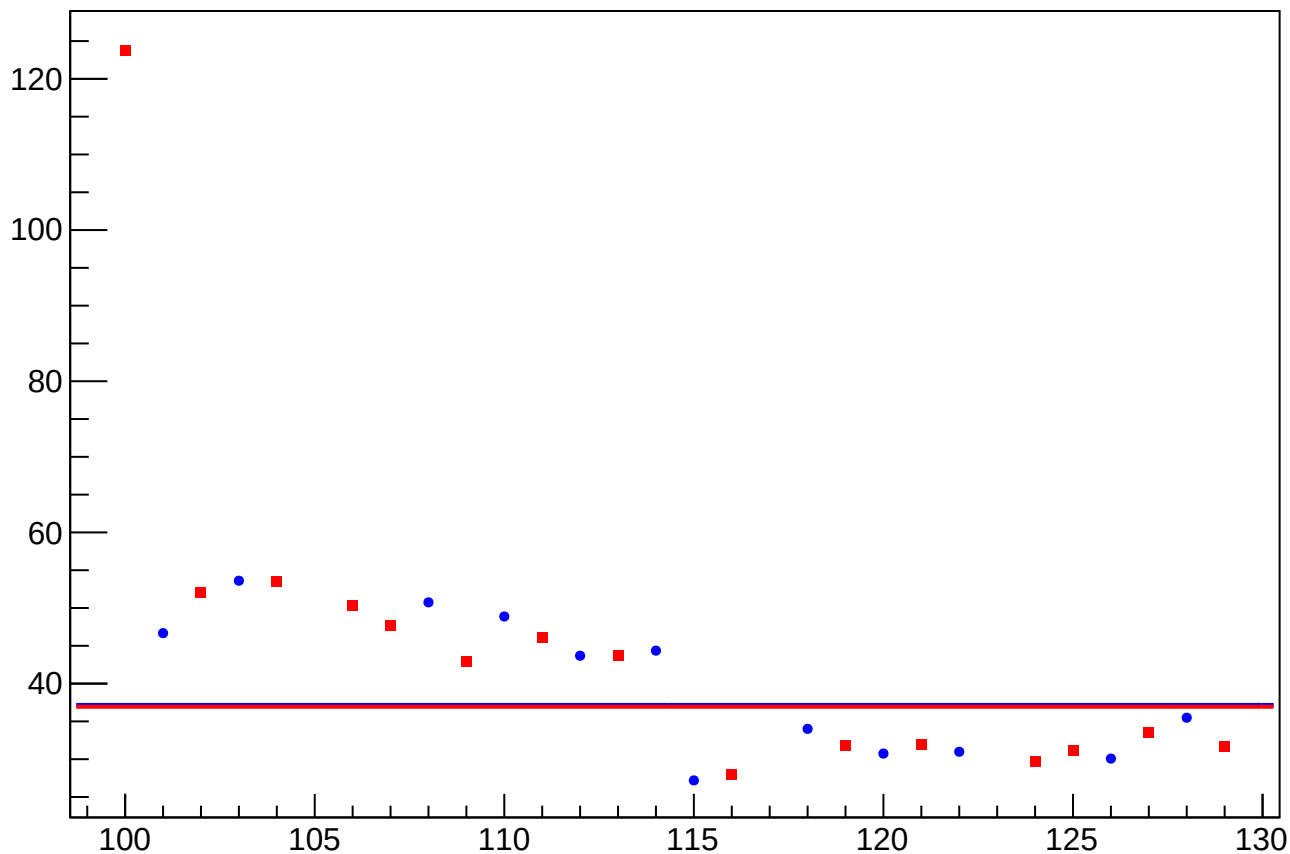
Right: -20.401 ± 11.599 χ^2/NDF : 35.7/26

In: -15.427 ± 17.170 χ^2/NDF : 13.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -20.401 ± 11.599 χ^2/NDF : 35.7/26

eigen_dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 37.178+/-0.012 χ^2/NDF : 448287.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

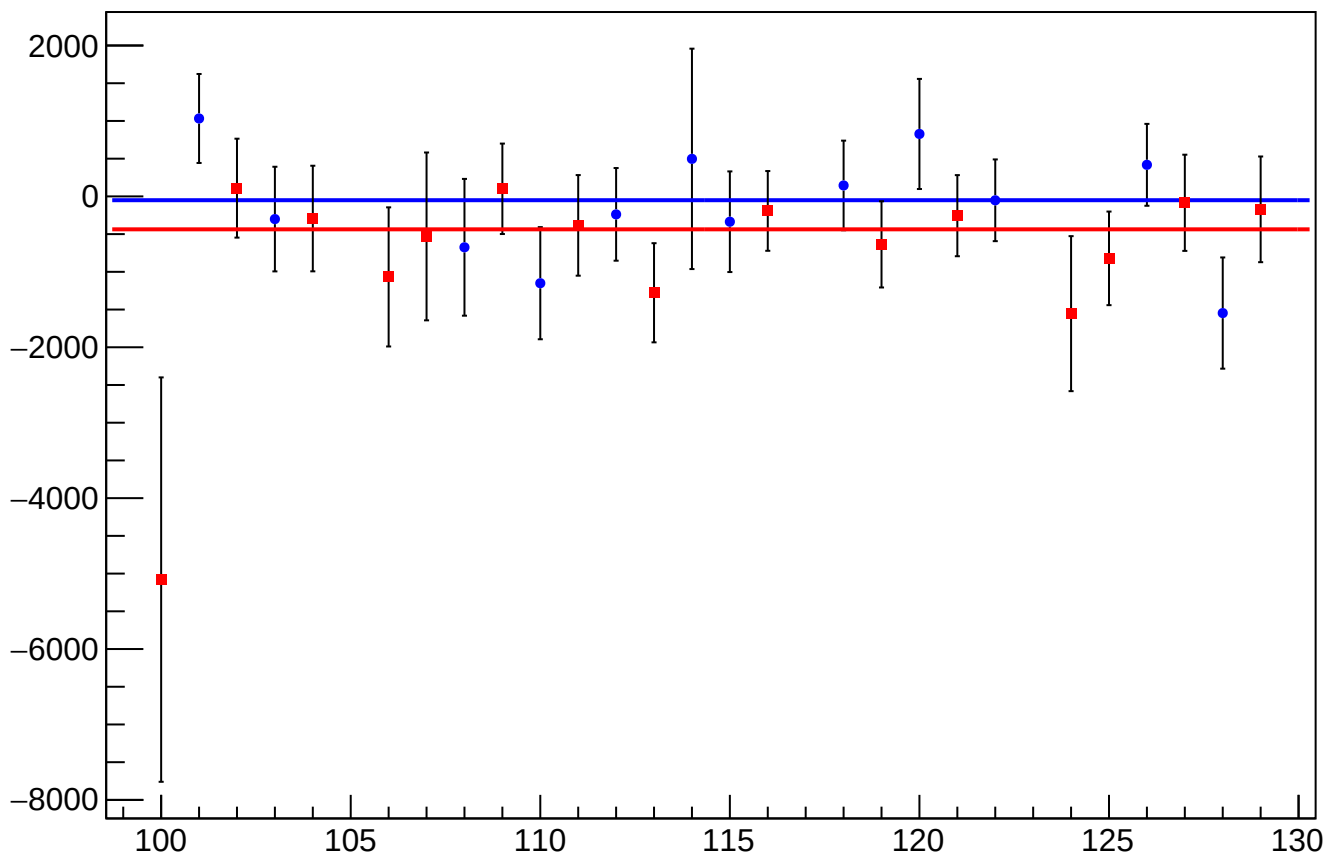
Right: 37.048+/-0.008 χ^2/NDF : 1044344.7/26

In: 37.178+/-0.012 χ^2/NDF : 448287.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.048+/-0.008 χ^2/NDF : 1044344.7/26

asym_sam_1357_2468_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -50.574 ± 193.515 χ^2/NDF : 13.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

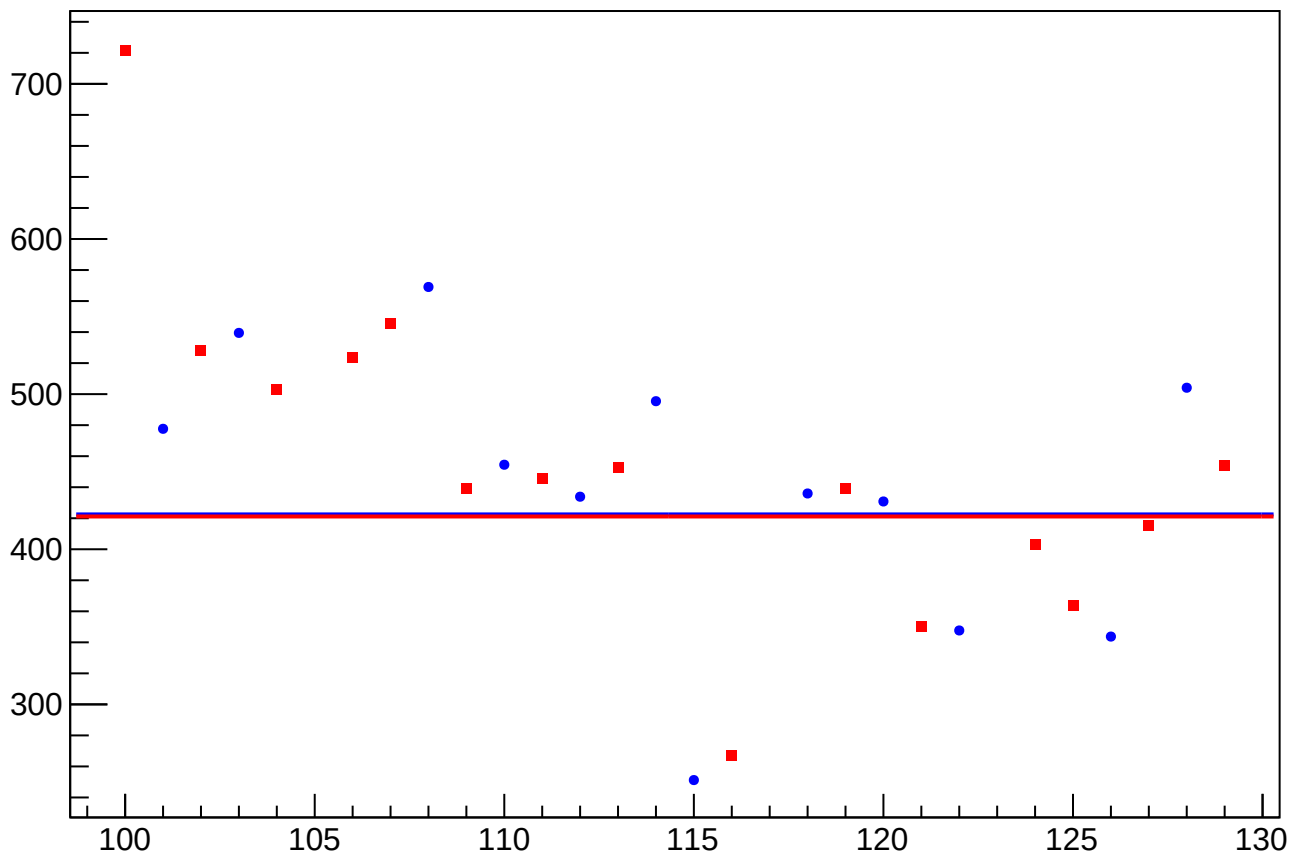
Right: -260.978 ± 130.536 χ^2/NDF : 24.3/26

In: -50.574 ± 193.515 χ^2/NDF : 13.0/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -260.978 ± 130.536 χ^2/NDF : 24.3/26

asym_sam_1357_2468_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 422.459+/-0.137 χ^2/NDF : 374056.3/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 421.129+/-0.125 χ^2/NDF : 393015.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

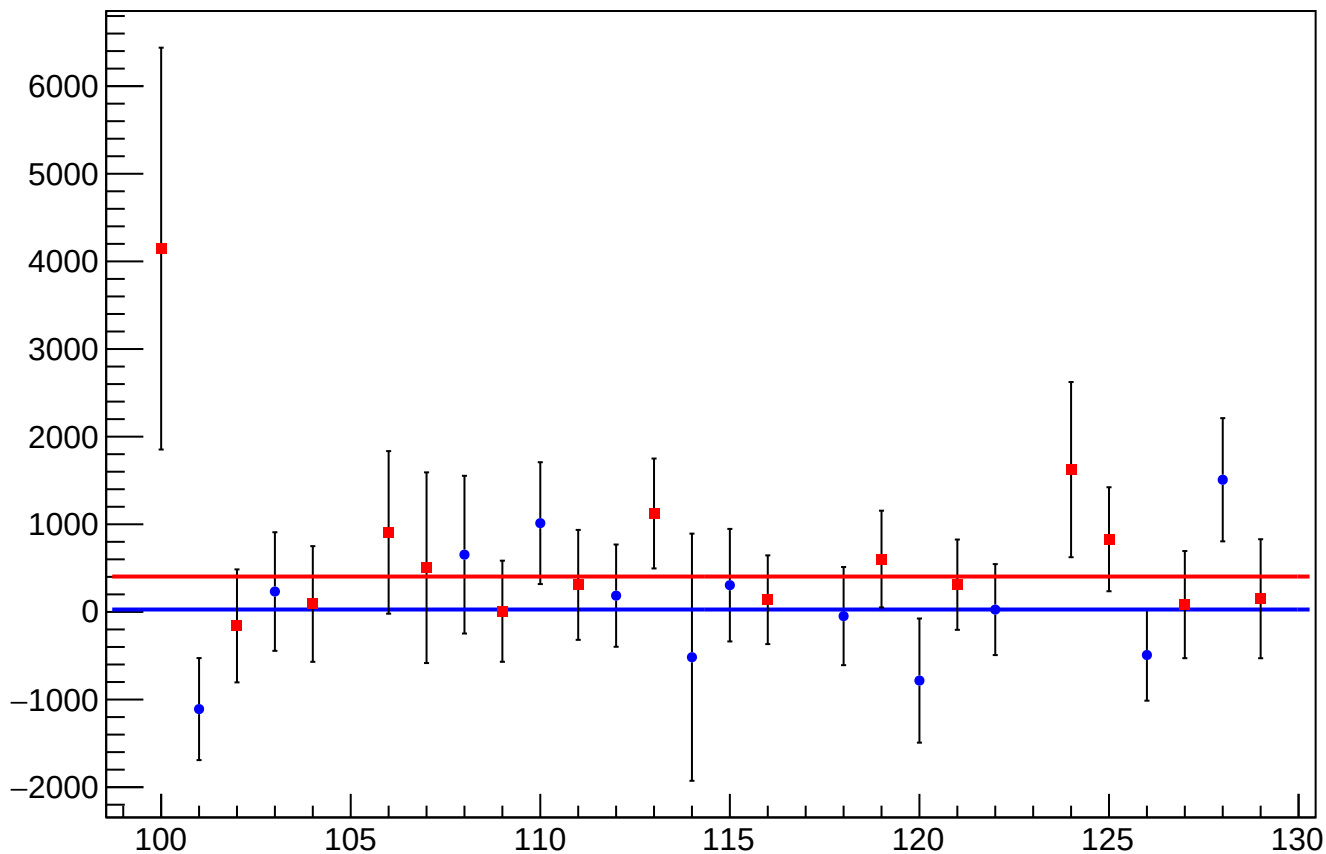
Right: 421.734+/-0.092 χ^2/NDF : 767122.9/26

In: 422.459+/-0.137 χ^2/NDF :374056.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 421.734+/-0.092 χ^2/NDF : 767122.9/26

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: 27.405+/-186.008 χ^2/NDF : 13.6/11

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

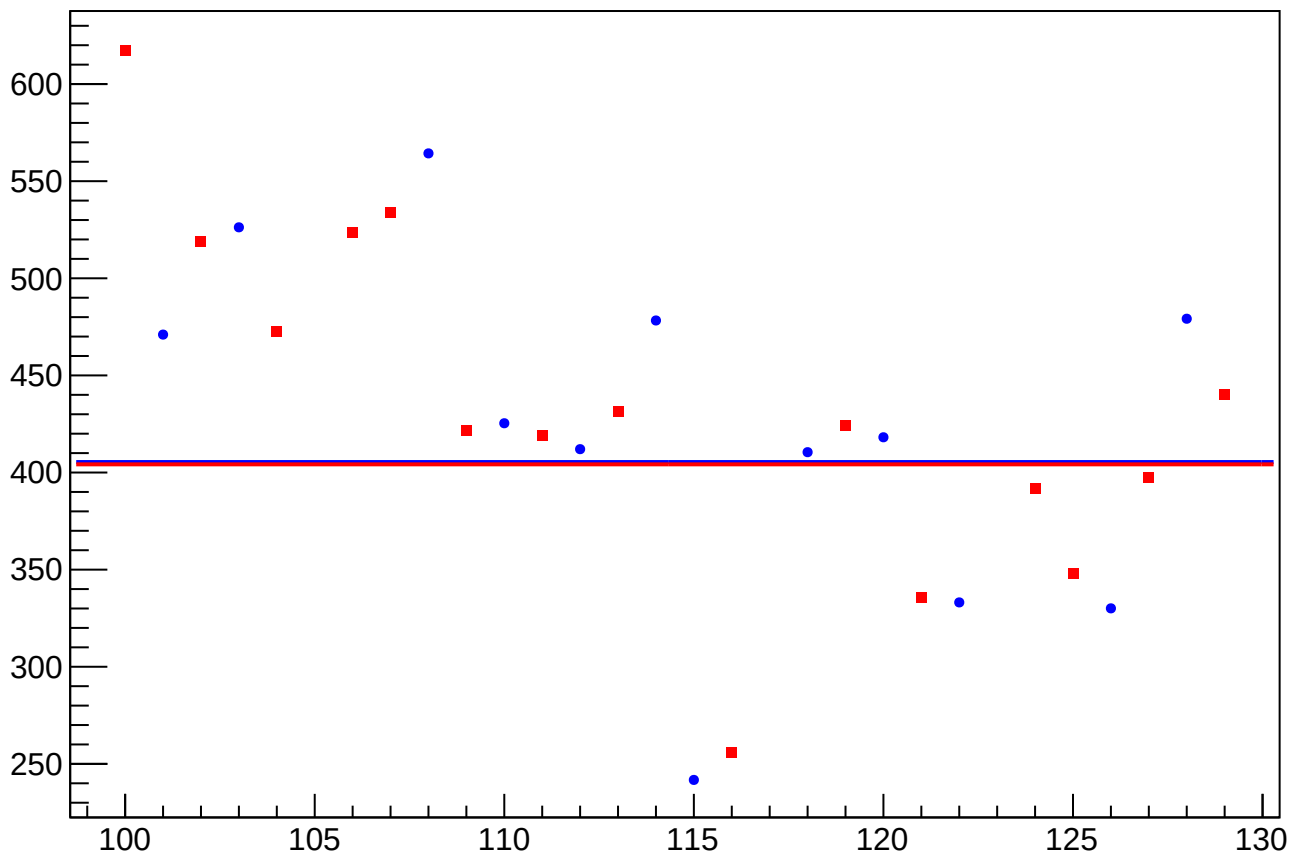
Right: 232.518+/-125.467 χ^2/NDF : 24.4/26

In: 27.405+/-186.008 χ^2/NDF : 13.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 232.518+/-125.467 χ^2/NDF : 24.4/26

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 405.391+/-0.132 χ^2/NDF : 392123.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

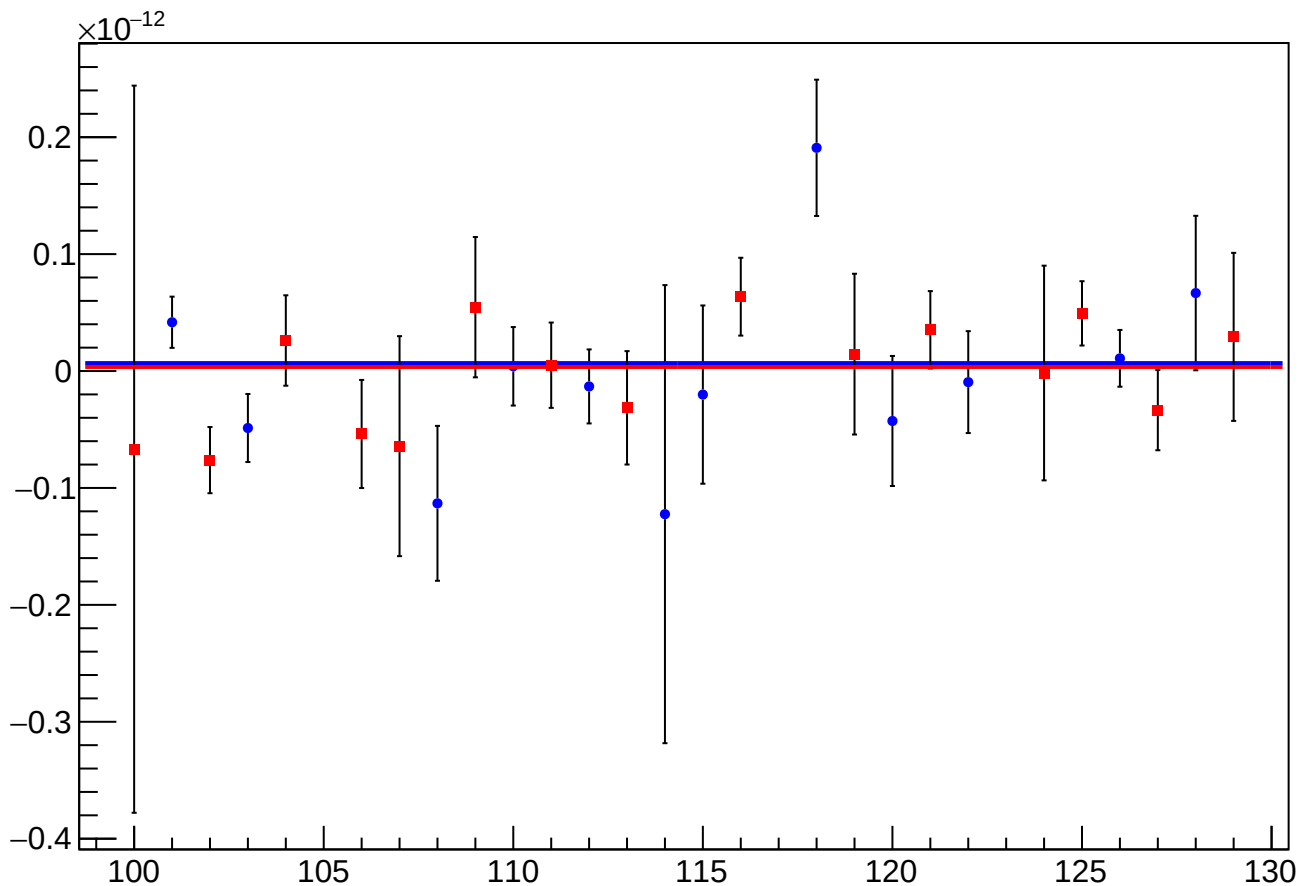
Right: 404.750+/-0.089 χ^2/NDF : 796535.3/26

In: 405.391+/-0.132 χ^2/NDF : 392123.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 404.750+/-0.089 χ^2/NDF : 796535.3/26

asym_sam_1357_2468_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 22.2/11

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

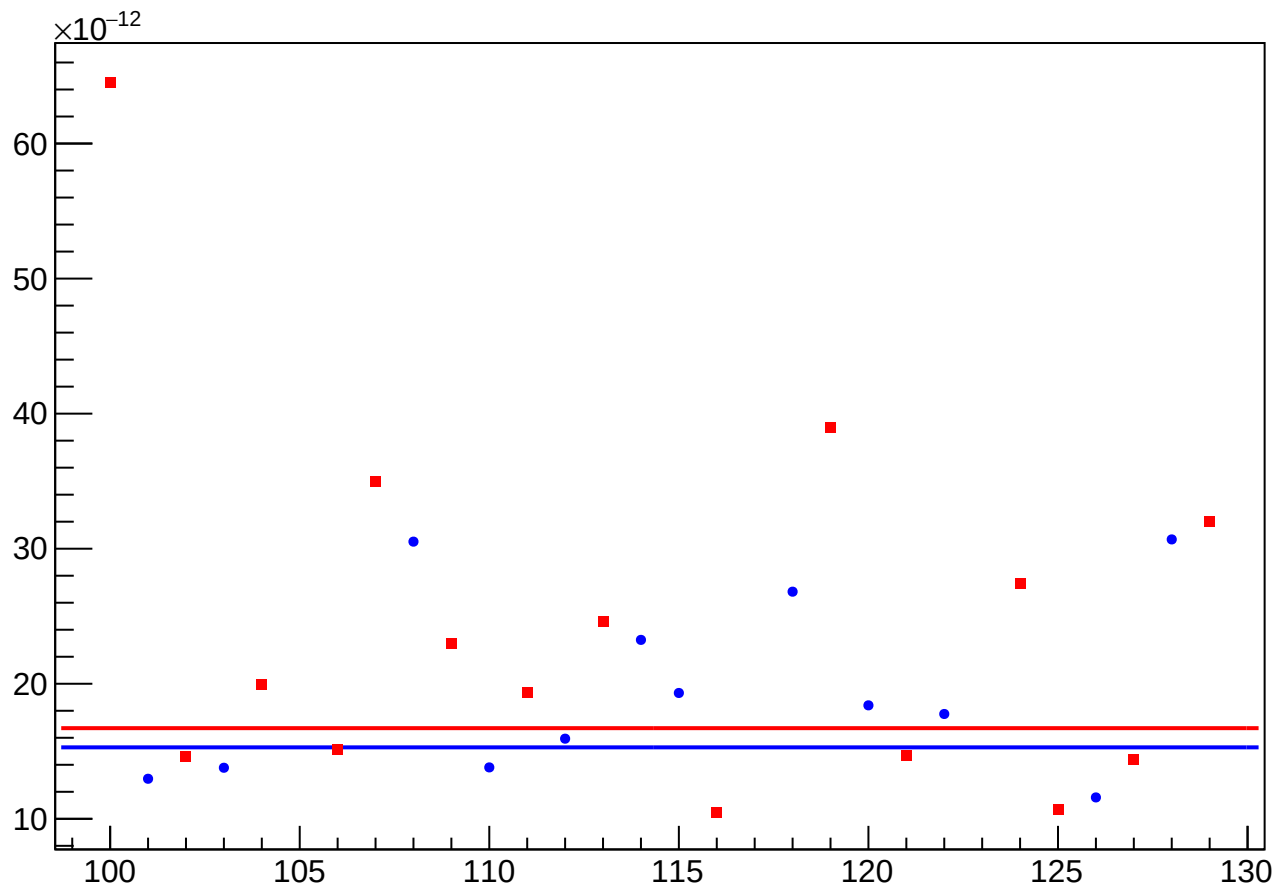
Right: 0.000+/-0.000 χ^2/NDF : 42.1/26

In: 0.000+/-0.000 χ^2/NDF : 22.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 42.1/26

asym_sam_1357_2468_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 393449.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

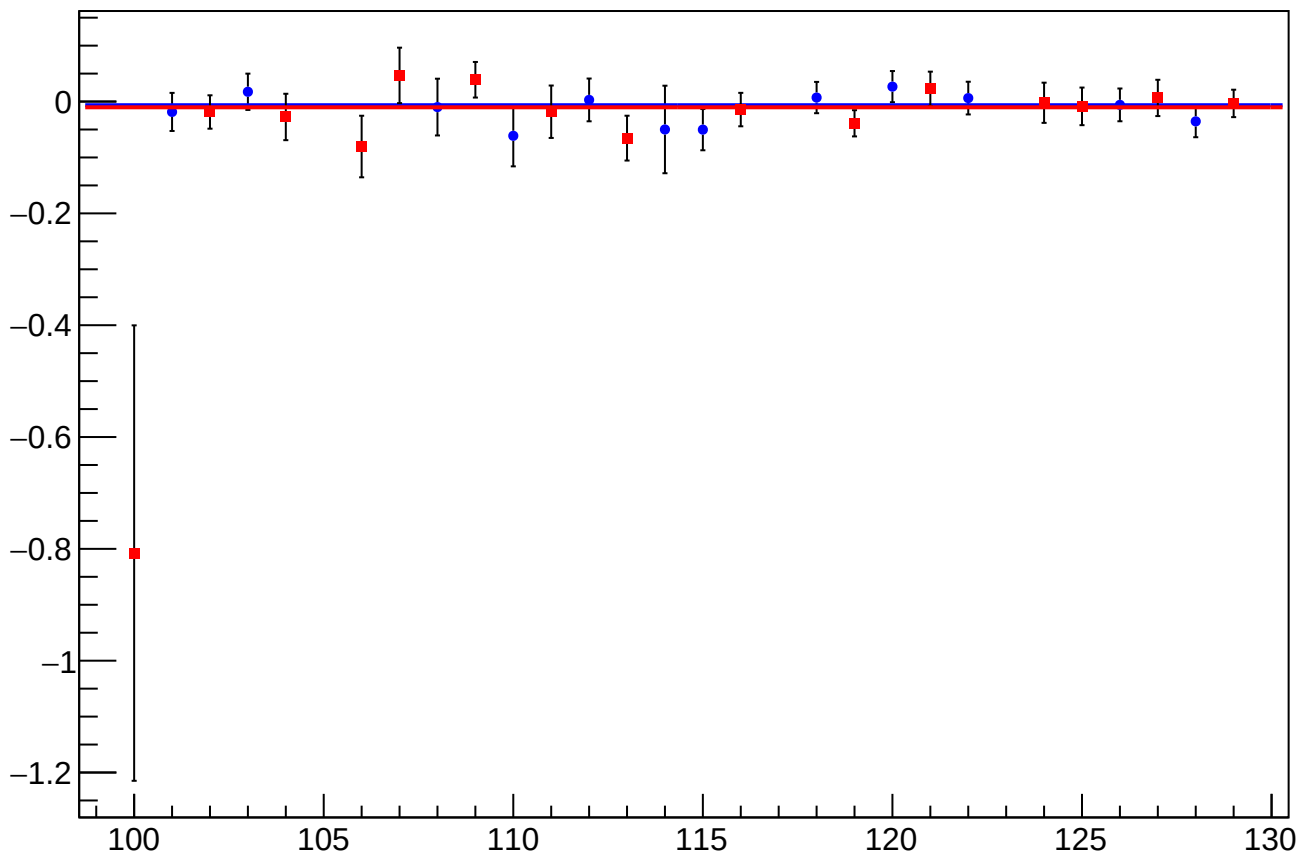
Right: 0.000+/-0.000 χ^2/NDF : 1156436.9/26

In: 0.000+/-0.000 χ^2/NDF : 393449.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1156436.9/26

asym_sam_1357_2468_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.010 χ^2/NDF : 6.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.010 ± 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

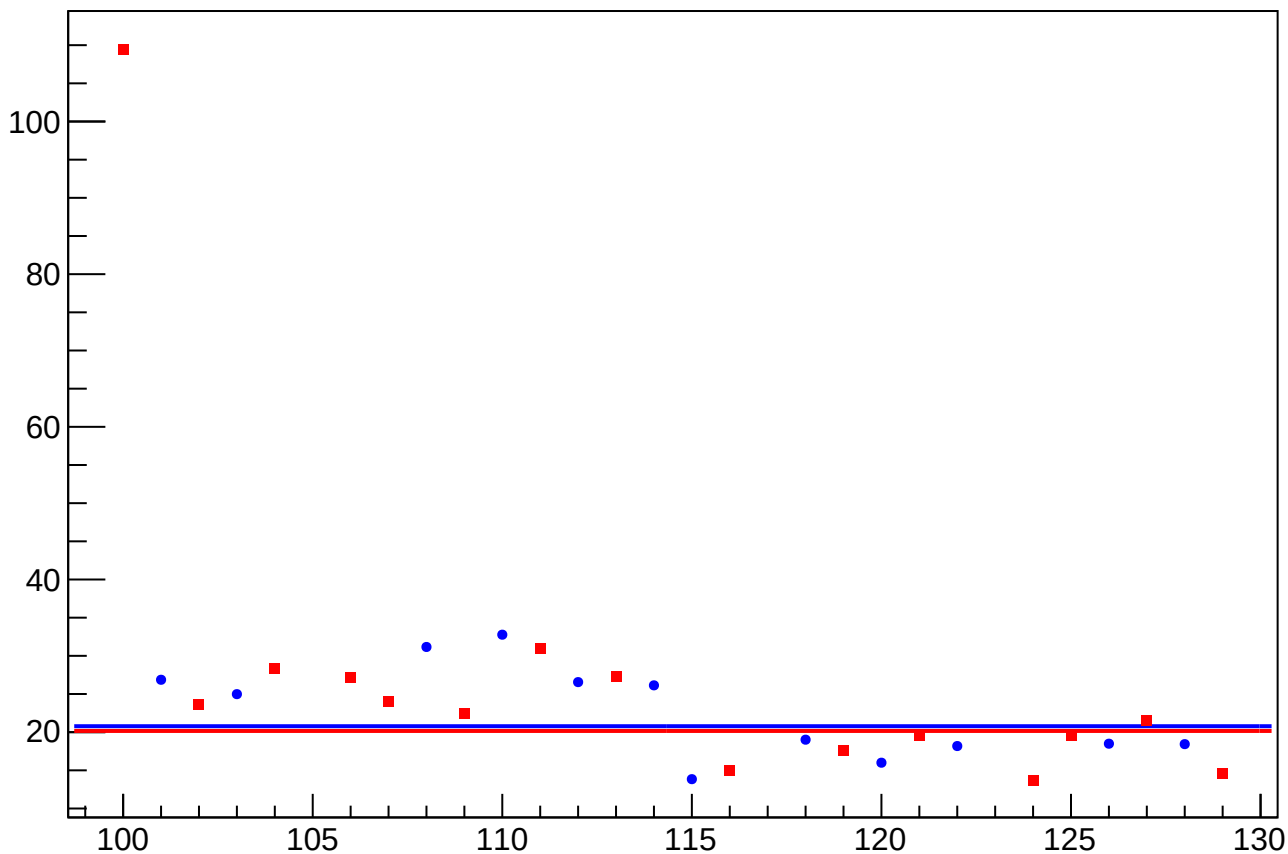
Right: -0.009 ± 0.007 χ^2/NDF : 20.8/26

In: -0.007 ± 0.010 χ^2/NDF : 6.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.007 χ^2/NDF : 20.8/26

asym_sam_1357_2468_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.779+/-0.007 χ^2/NDF : 511417.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.160+/-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

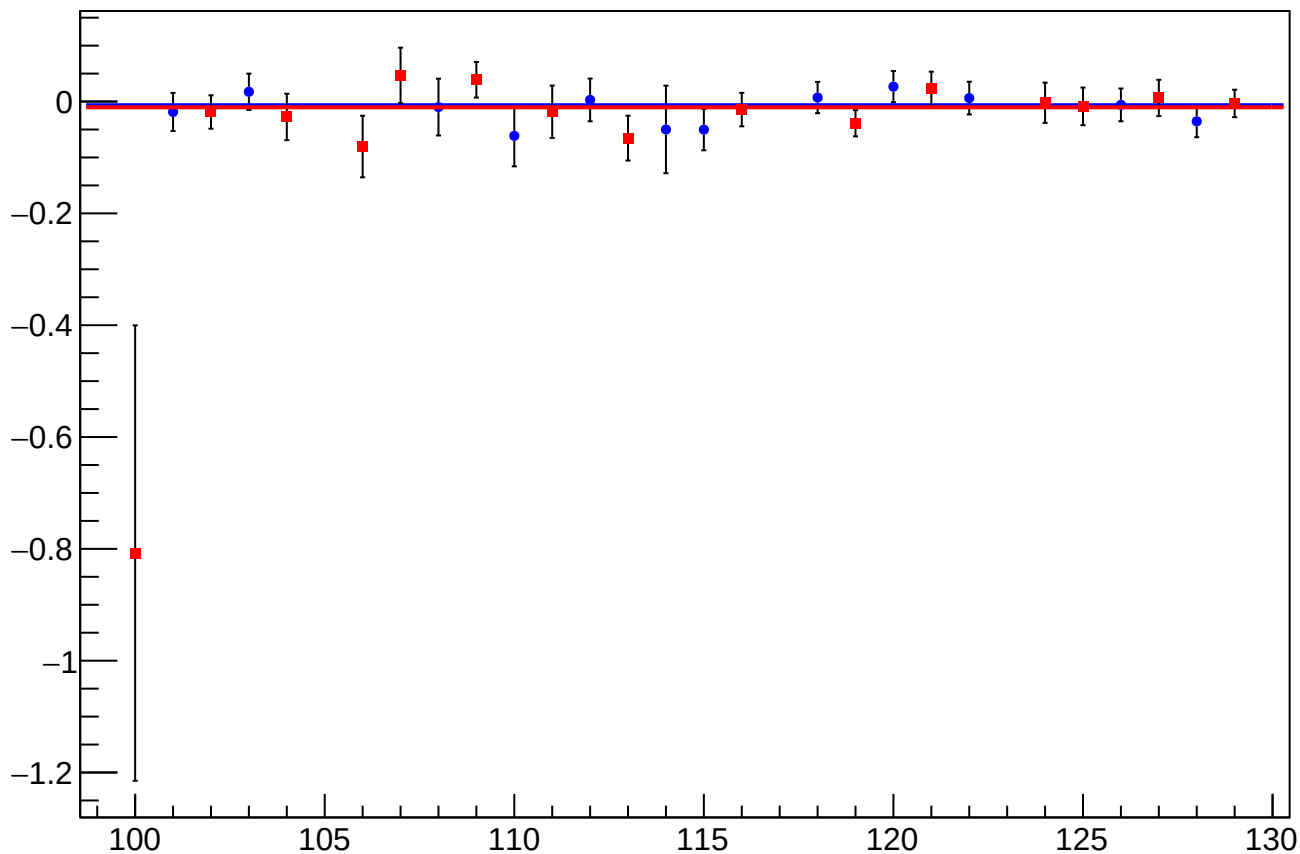
Right: 20.436+/-0.005 χ^2/NDF : 1198427.5/26

In: 20.779+/-0.007 χ^2/NDF : 511417.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.436+/-0.005 χ^2/NDF : 1198427.5/26

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.010 χ^2/NDF : 6.3/11

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

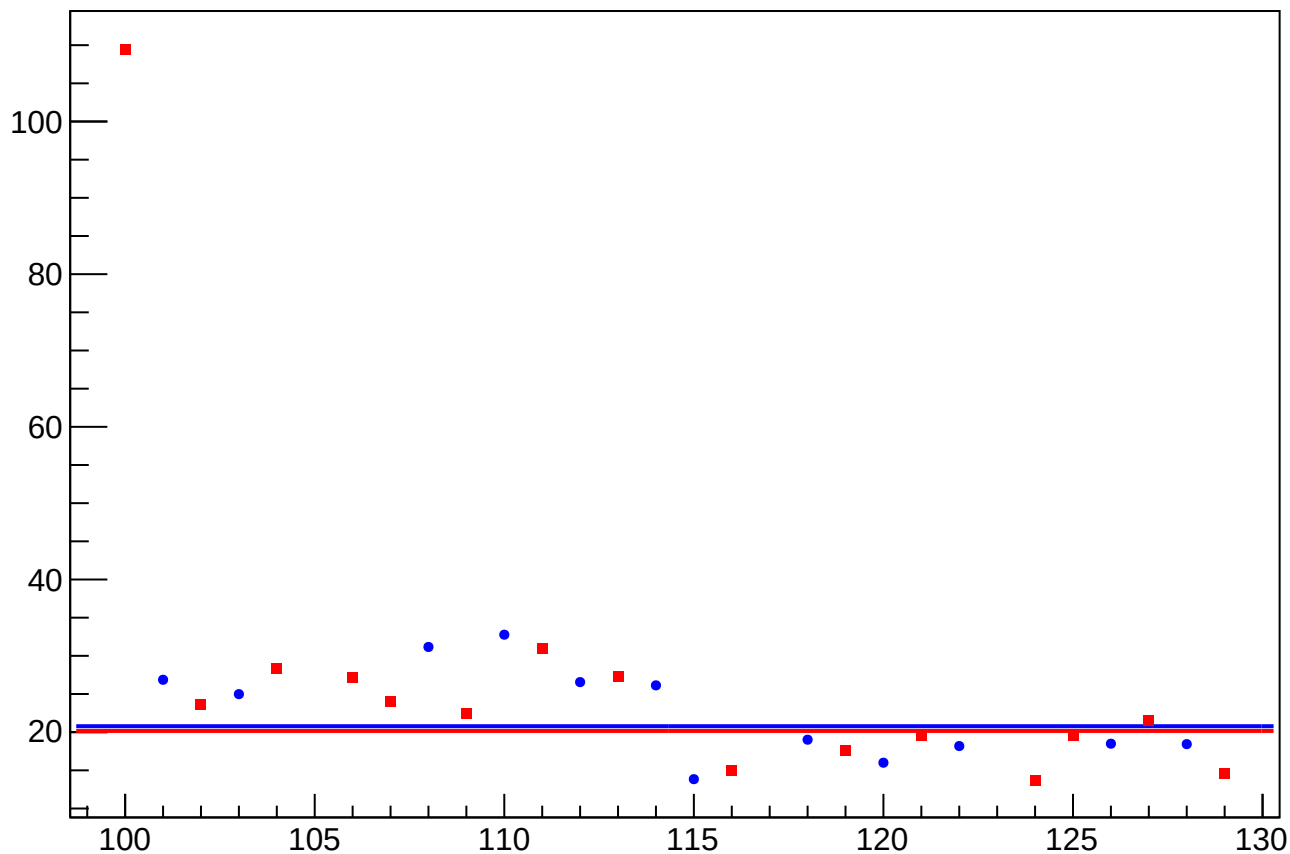
Right: -0.009 ± 0.007 χ^2/NDF : 20.8/26

In: -0.007 ± 0.010 χ^2/NDF : 6.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.007 χ^2/NDF : 20.8/26

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.779+/-0.007 χ^2/NDF : 511417.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.160+/-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

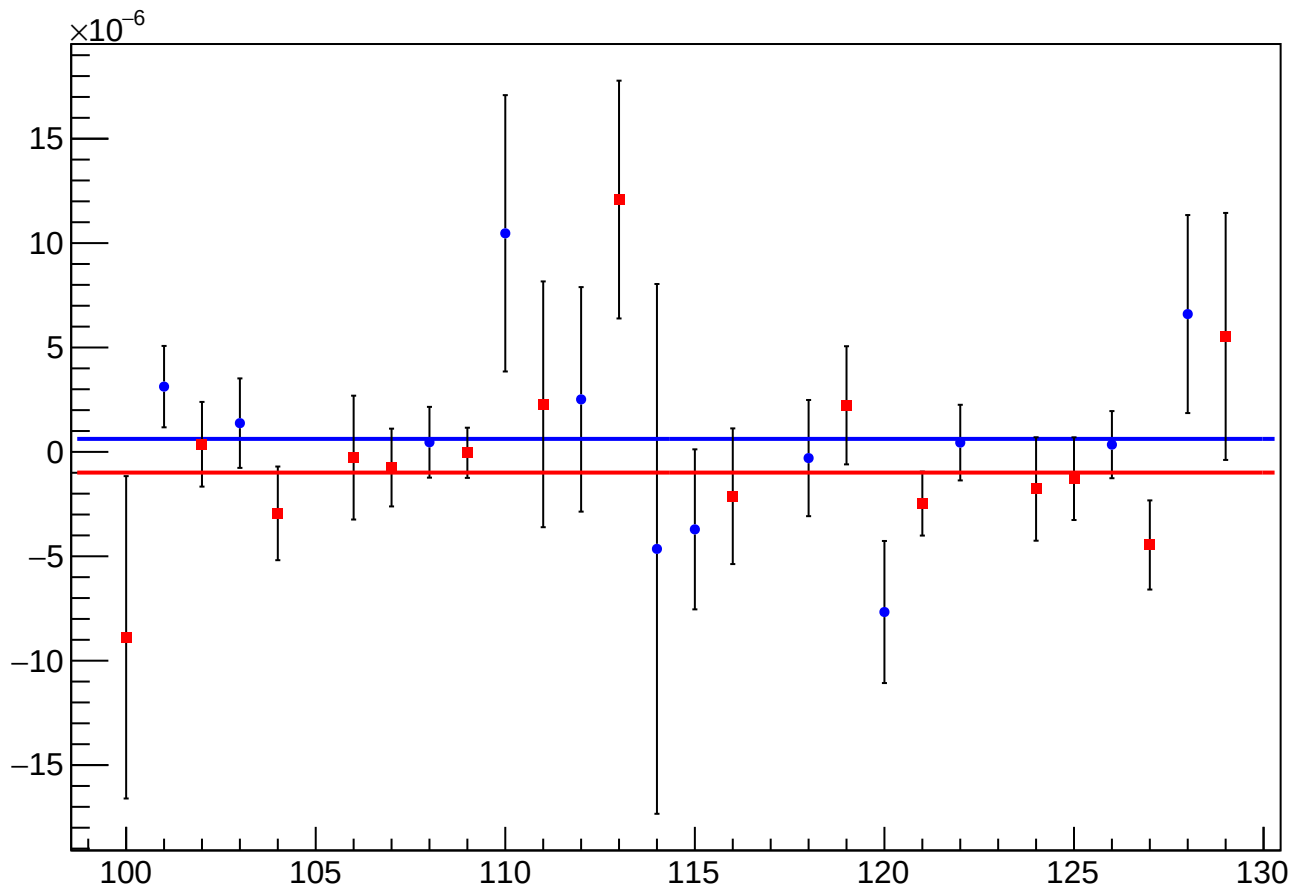
Right: 20.436+/-0.005 χ^2/NDF : 1198427.5/26

In: 20.779+/-0.007 χ^2/NDF : 511417.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.436+/-0.005 χ^2/NDF : 1198427.5/26

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 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

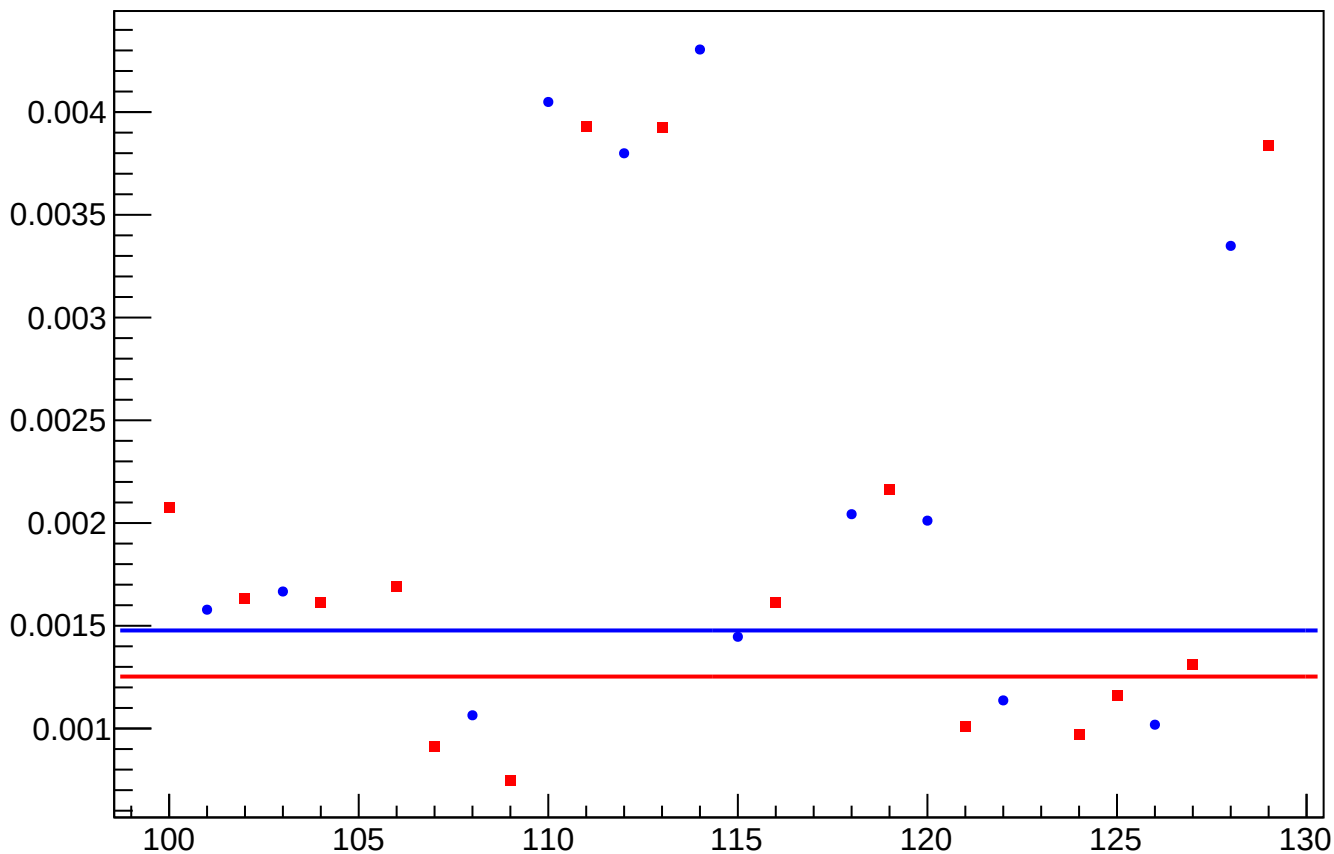
Right: -0.000+/-0.000 χ^2/NDF : 31.1/26

In: 0.000+/-0.000 χ^2/NDF : 13.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.1/26

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1591368.2/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 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

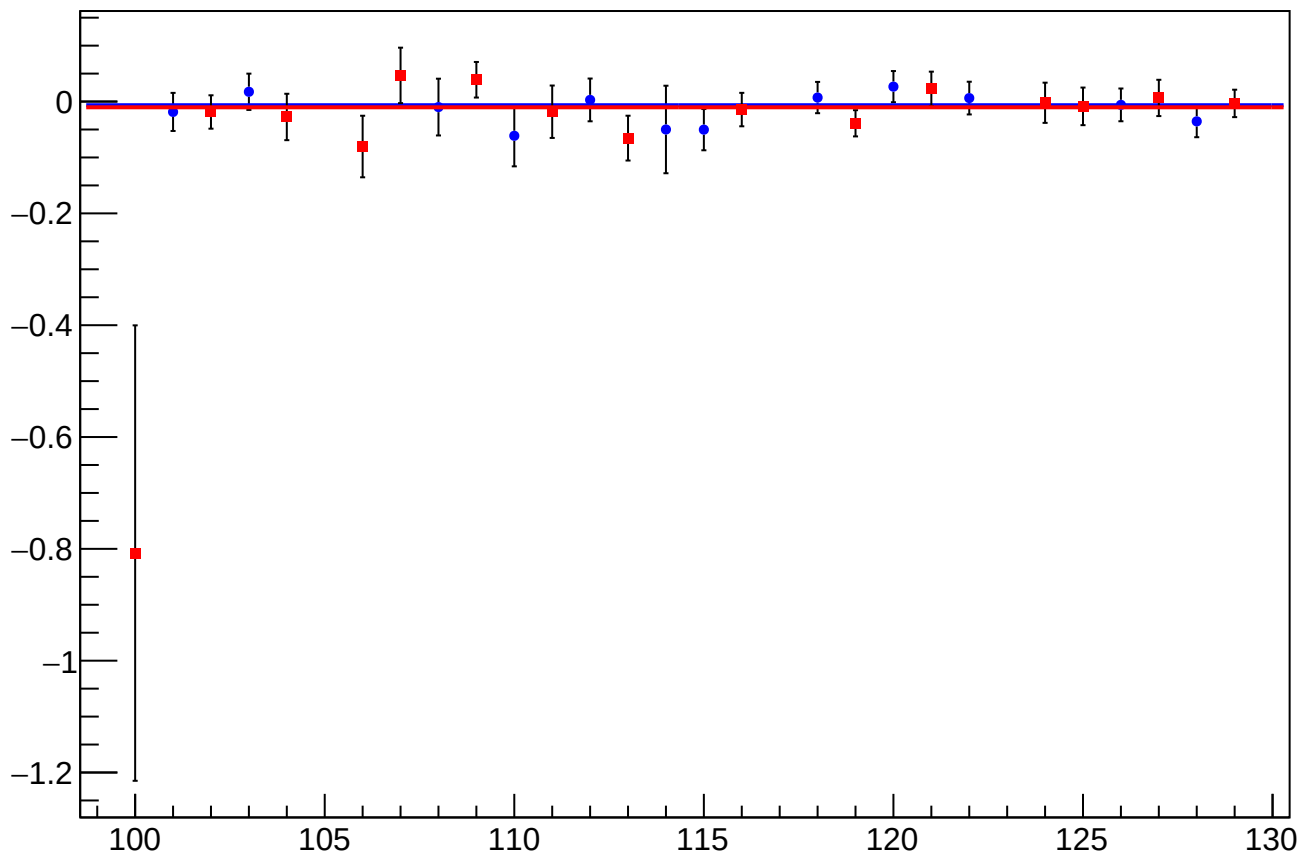
Right: 0.001+/-0.000 χ^2/NDF : 3867048.4/26

In: 0.001+/-0.000 χ^2/NDF :1591368.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3867048.4/26

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.010 χ^2/NDF : 6.3/11

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

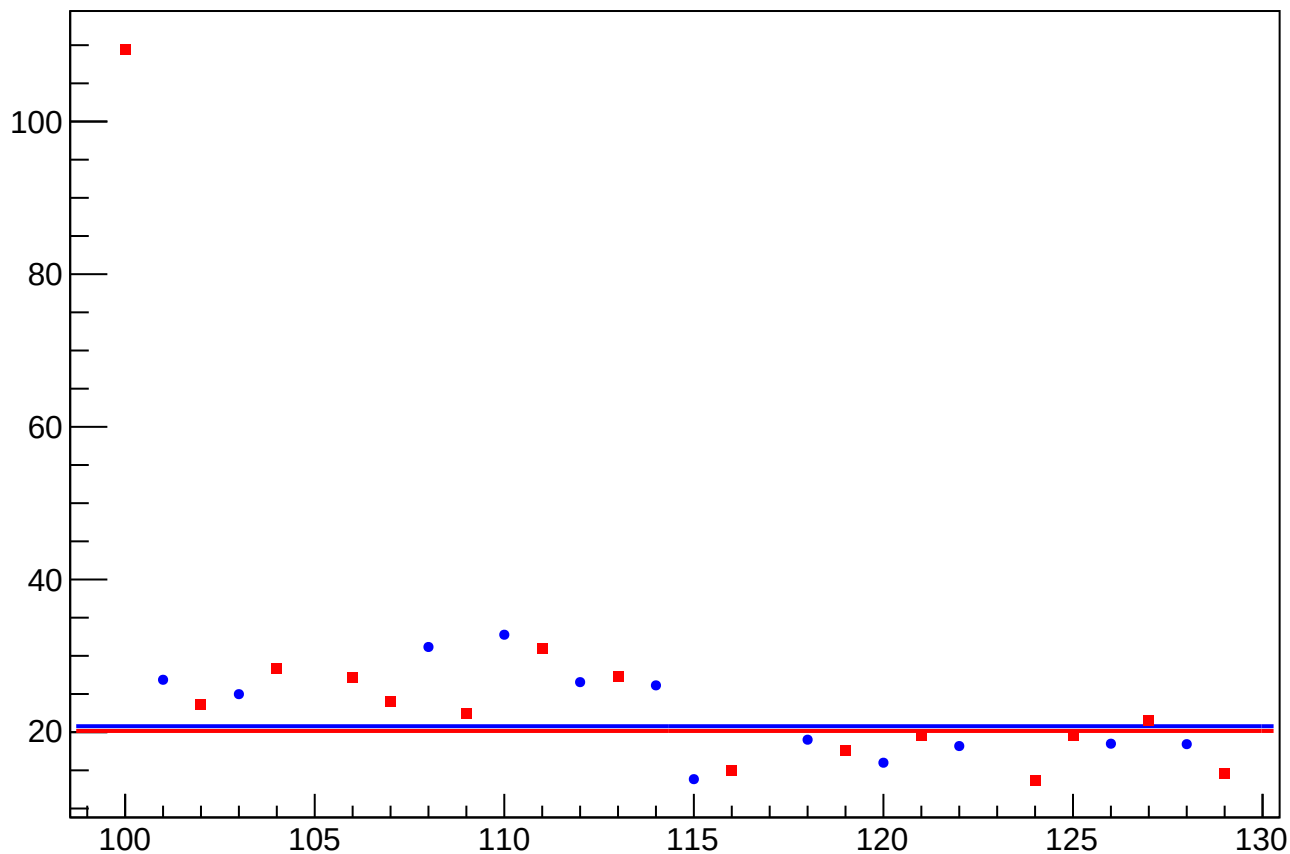
Right: -0.009 ± 0.007 χ^2/NDF : 20.8/26

In: -0.007 ± 0.010 χ^2/NDF : 6.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.007 χ^2/NDF : 20.8/26

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.779+/-0.007 χ^2/NDF : 511375.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.159+/-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

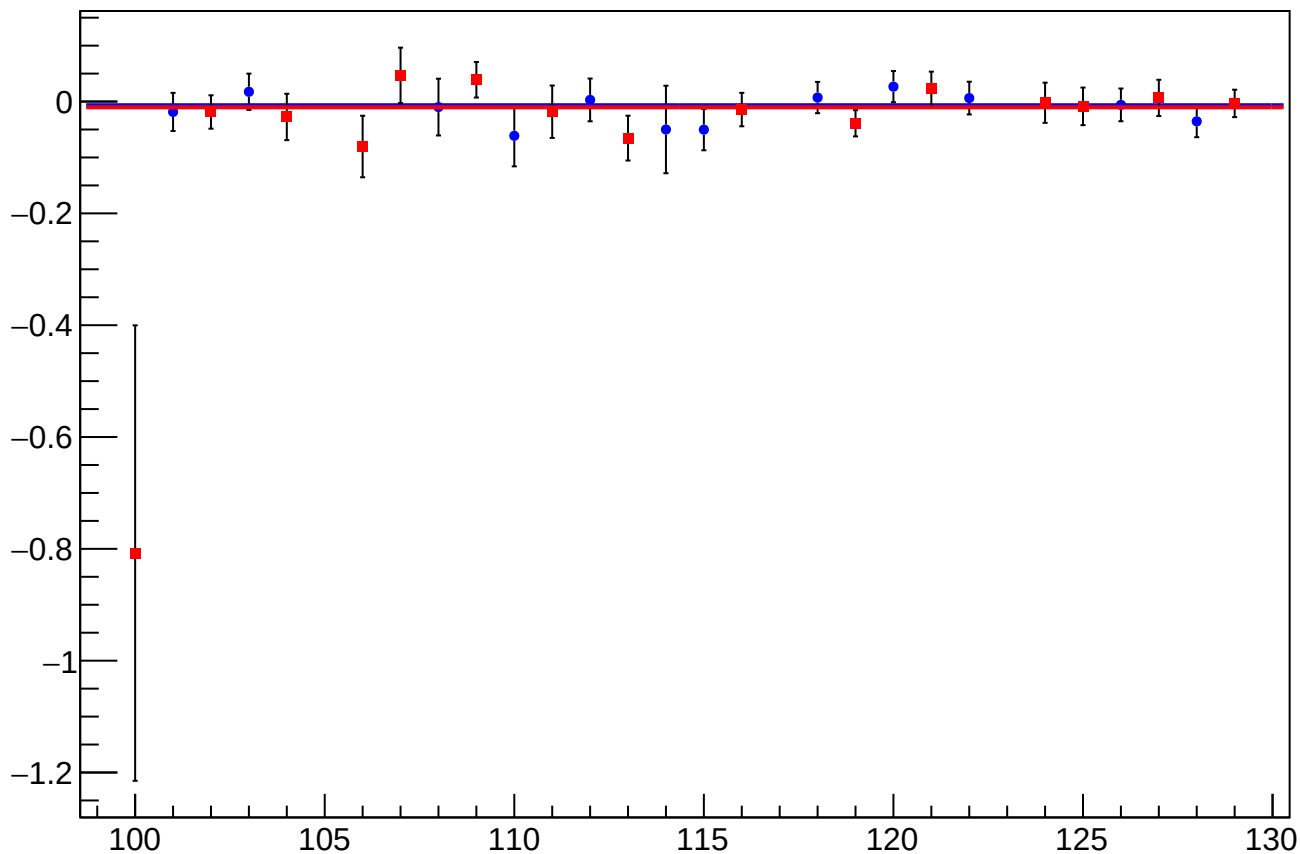
Right: 20.435+/-0.005 χ^2/NDF : 1198411.6/26

In: 20.779+/-0.007 χ^2/NDF : 511375.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.435+/-0.005 χ^2/NDF : 1198411.6/26

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 : 6.3/11

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

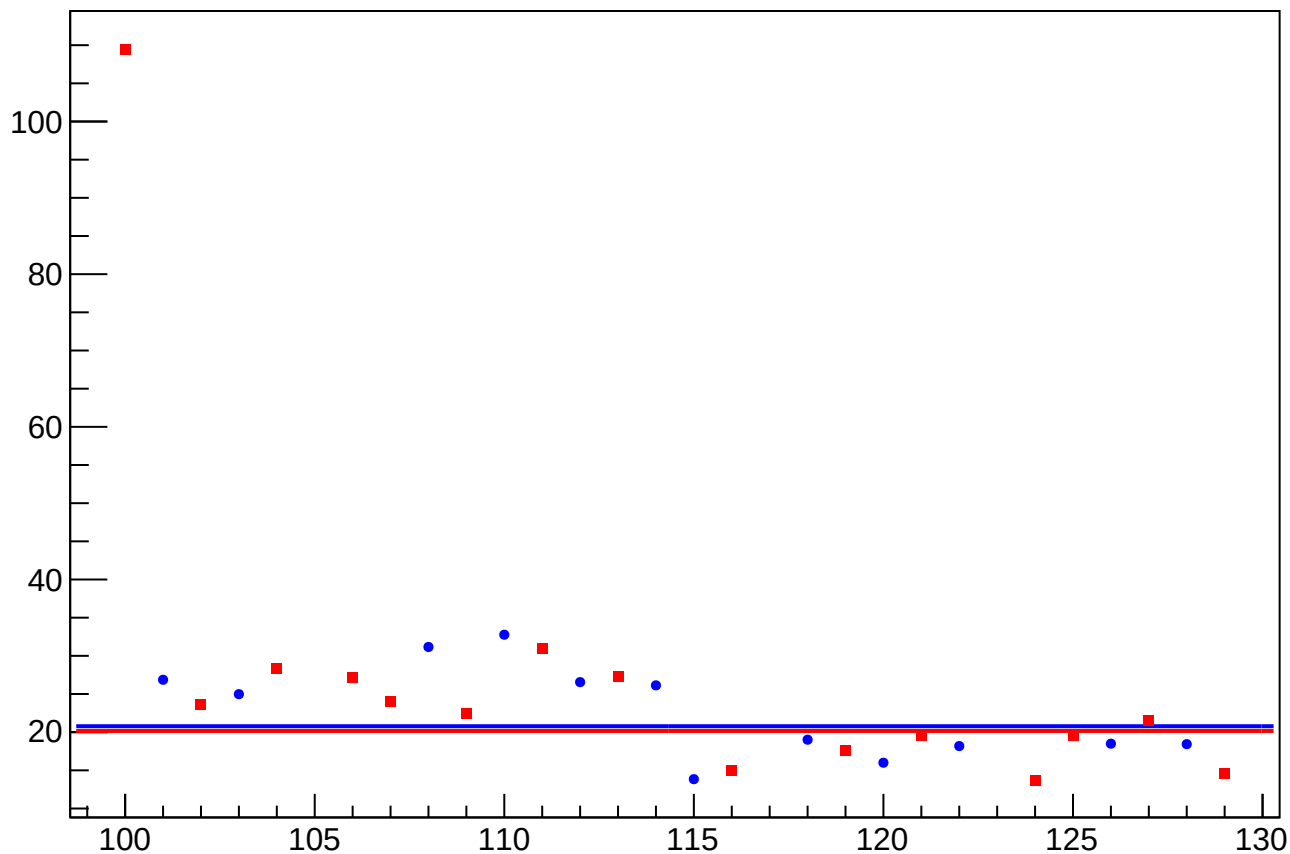
Right: -0.009 ± 0.007 χ^2/NDF : 20.8/26

In: -0.007 ± 0.010 χ^2/NDF : 6.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.007 χ^2/NDF : 20.8/26

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.779+/-0.007 χ^2/NDF : 511375.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.159+/-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

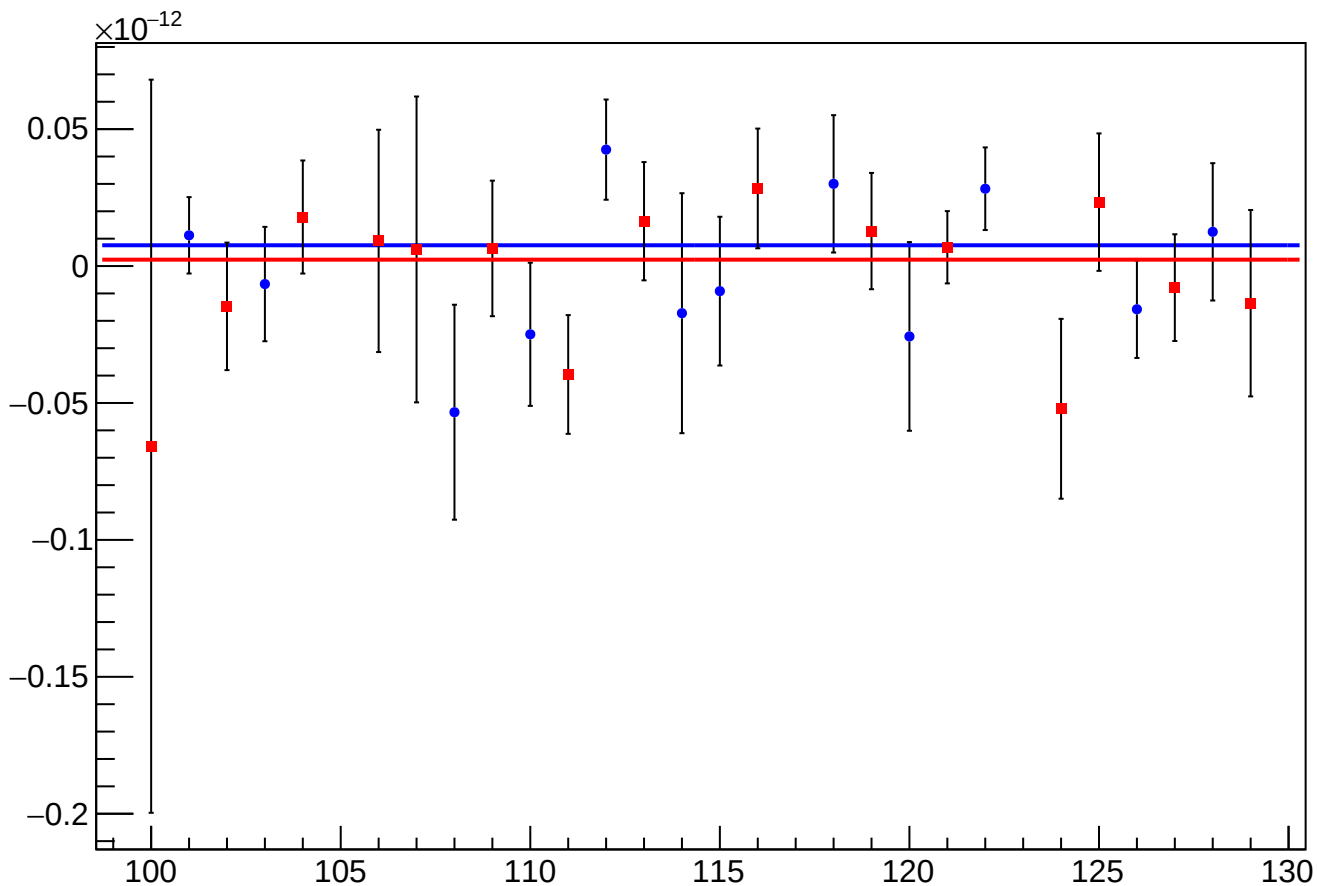
Right: 20.435+/-0.005 χ^2/NDF : 1198411.6/26

In: 20.779+/-0.007 χ^2/NDF : 511375.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.435+/-0.005 χ^2/NDF : 1198411.6/26

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.2/11

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

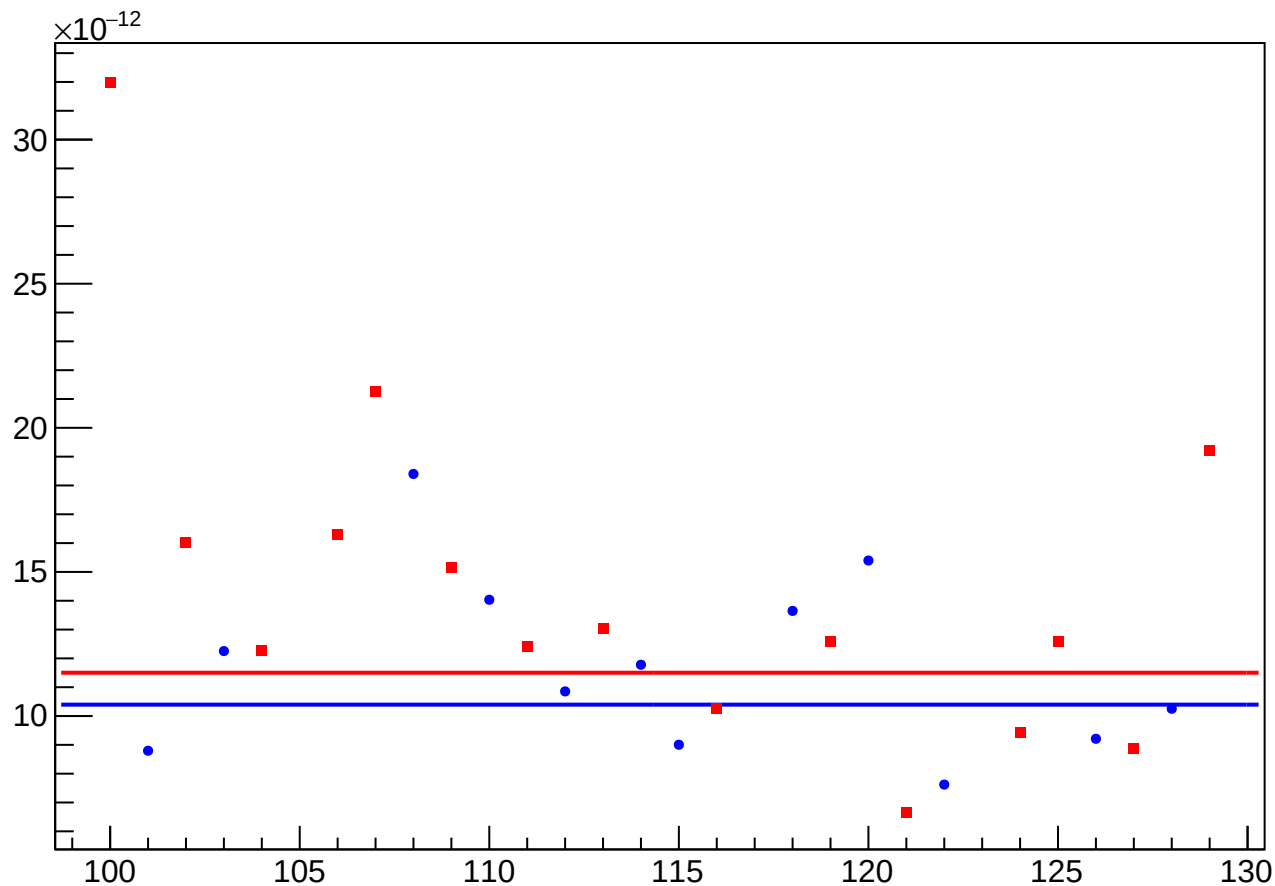
Right: 0.000+/-0.000 χ^2/NDF : 25.9/26

In: 0.000+/-0.000 χ^2/NDF : 14.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.9/26

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 324887.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

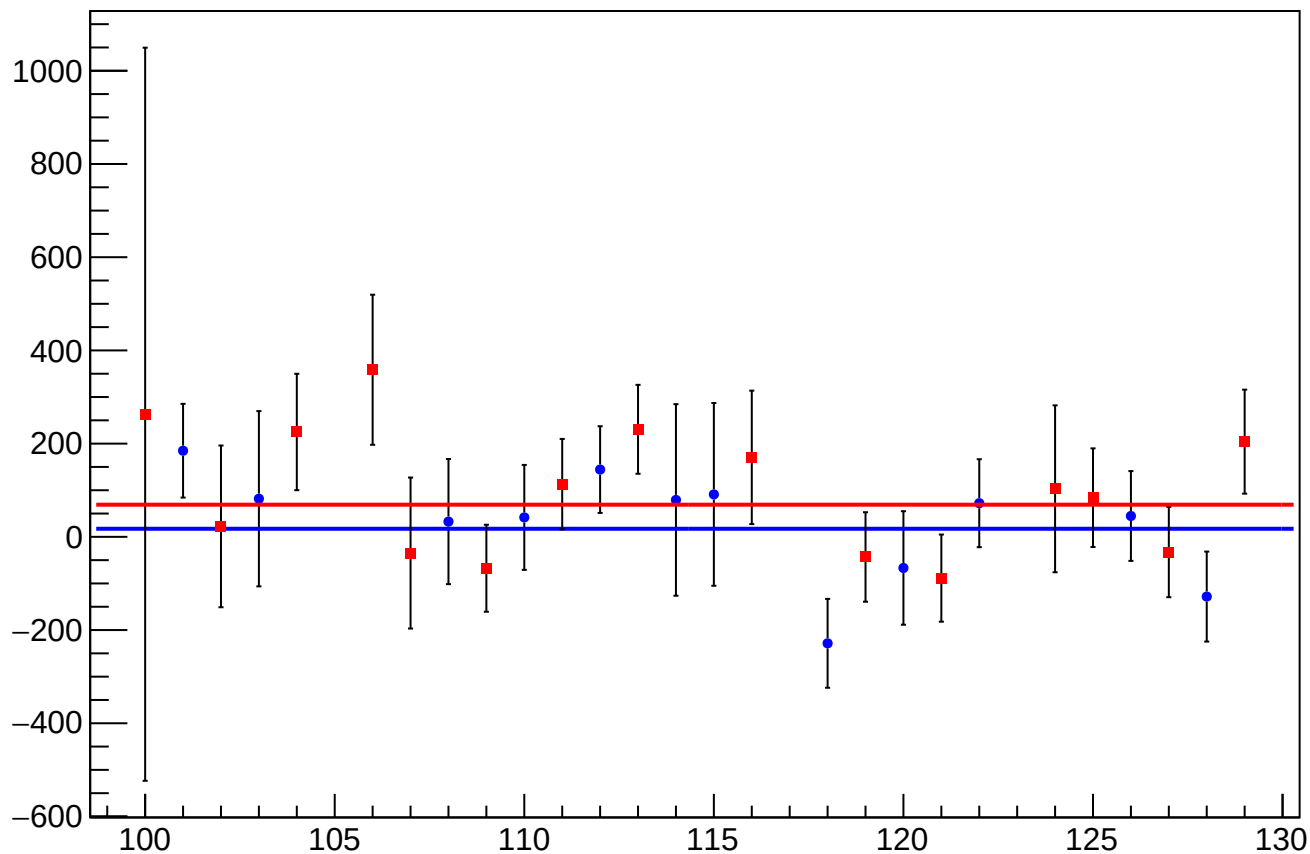
Right: 0.000+/-0.000 χ^2/NDF : 1061159.7/26

In: 0.000+/-0.000 χ^2/NDF : 324887.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1061159.7/26

reg_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 17.344+/-32.762 χ^2/NDF : 14.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

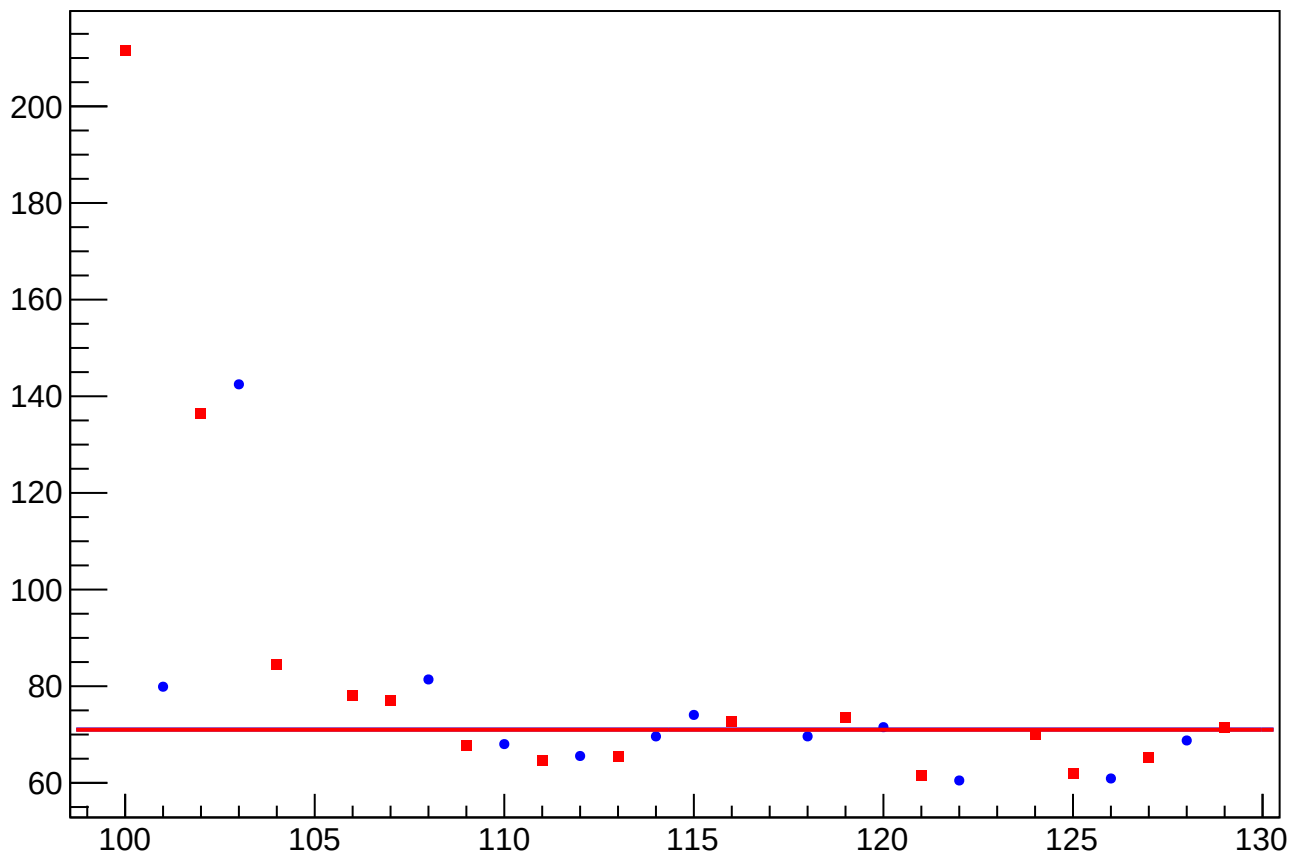
Right: 45.137+/-22.265 χ^2/NDF : 34.1/26

In: 17.344+/-32.762 χ^2/NDF : 14.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.137+/-22.265 χ^2/NDF : 34.1/26

reg_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 71.042+/-0.023 χ^2/NDF : 373647.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.991+/-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

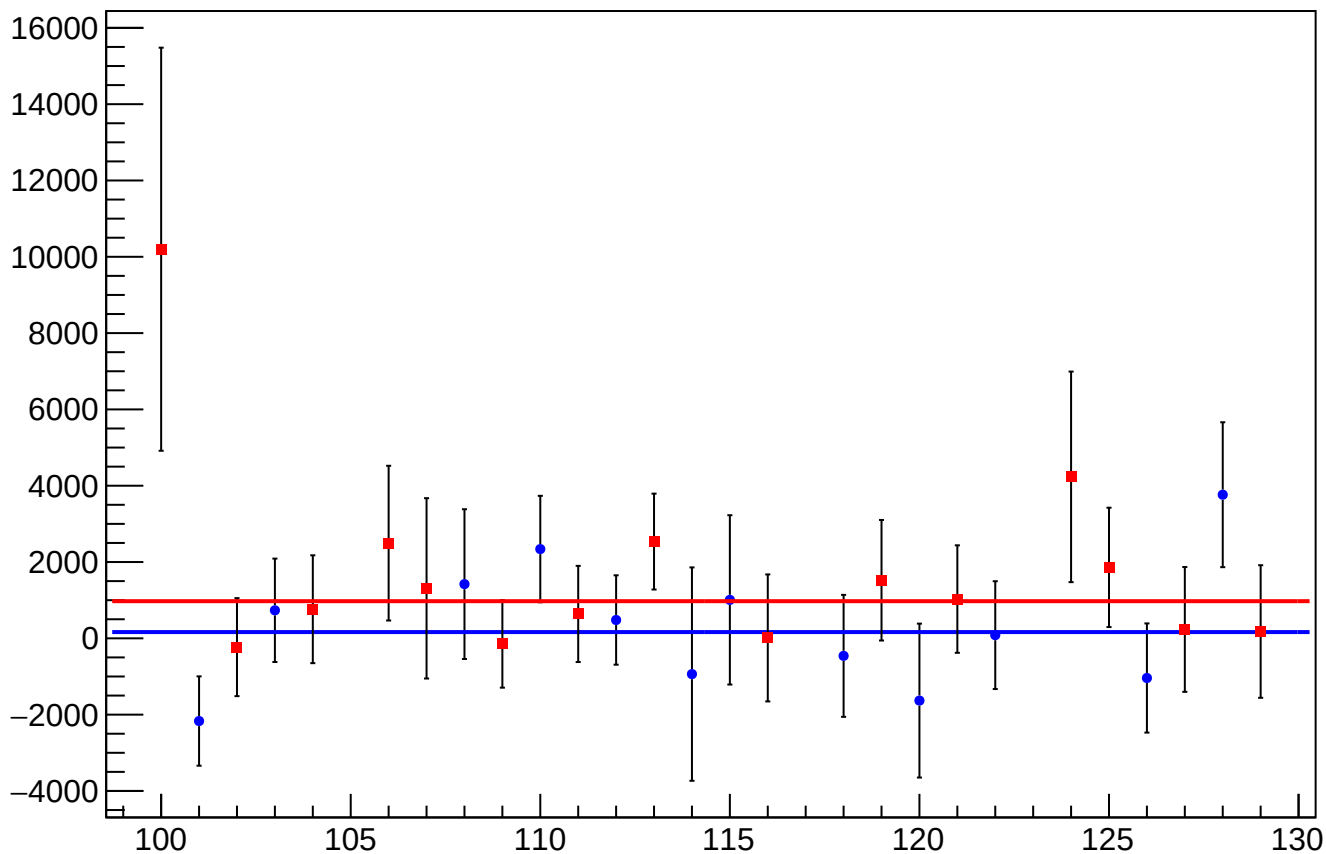
Right: 71.015+/-0.016 χ^2/NDF : 813683.9/26

In: 71.042+/-0.023 χ^2/NDF : 373647.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.015+/-0.016 χ^2/NDF : 813683.9/26

asym_sam_12345678_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 164.073+/-446.726 χ^2/NDF : 12.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

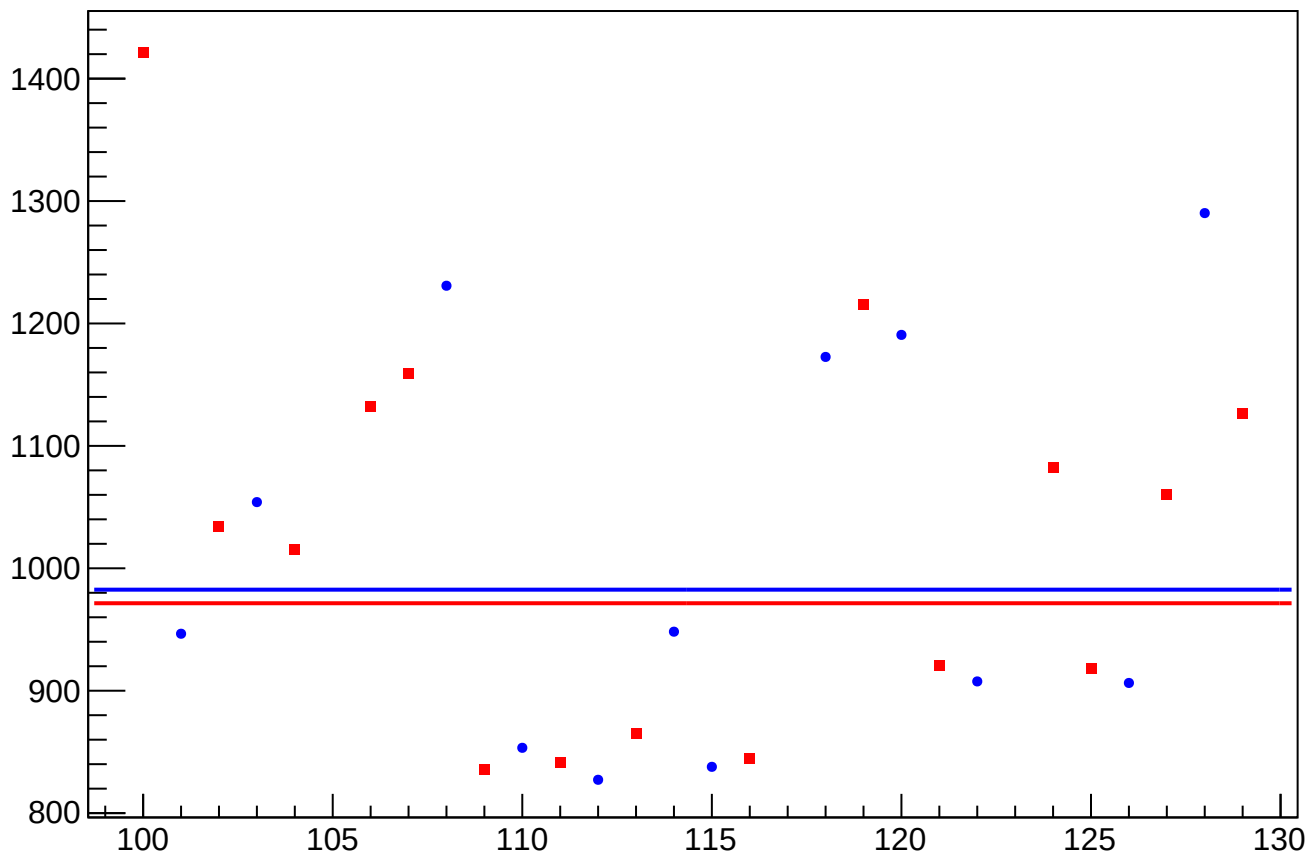
Right: 608.799+/-300.008 χ^2/NDF : 24.1/26

In: 164.073+/-446.726 χ^2/NDF : 12.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 608.799+/-300.008 χ^2/NDF : 24.1/26

asym_sam_12345678_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 982.551+/-0.316 χ^2/NDF : 213946.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

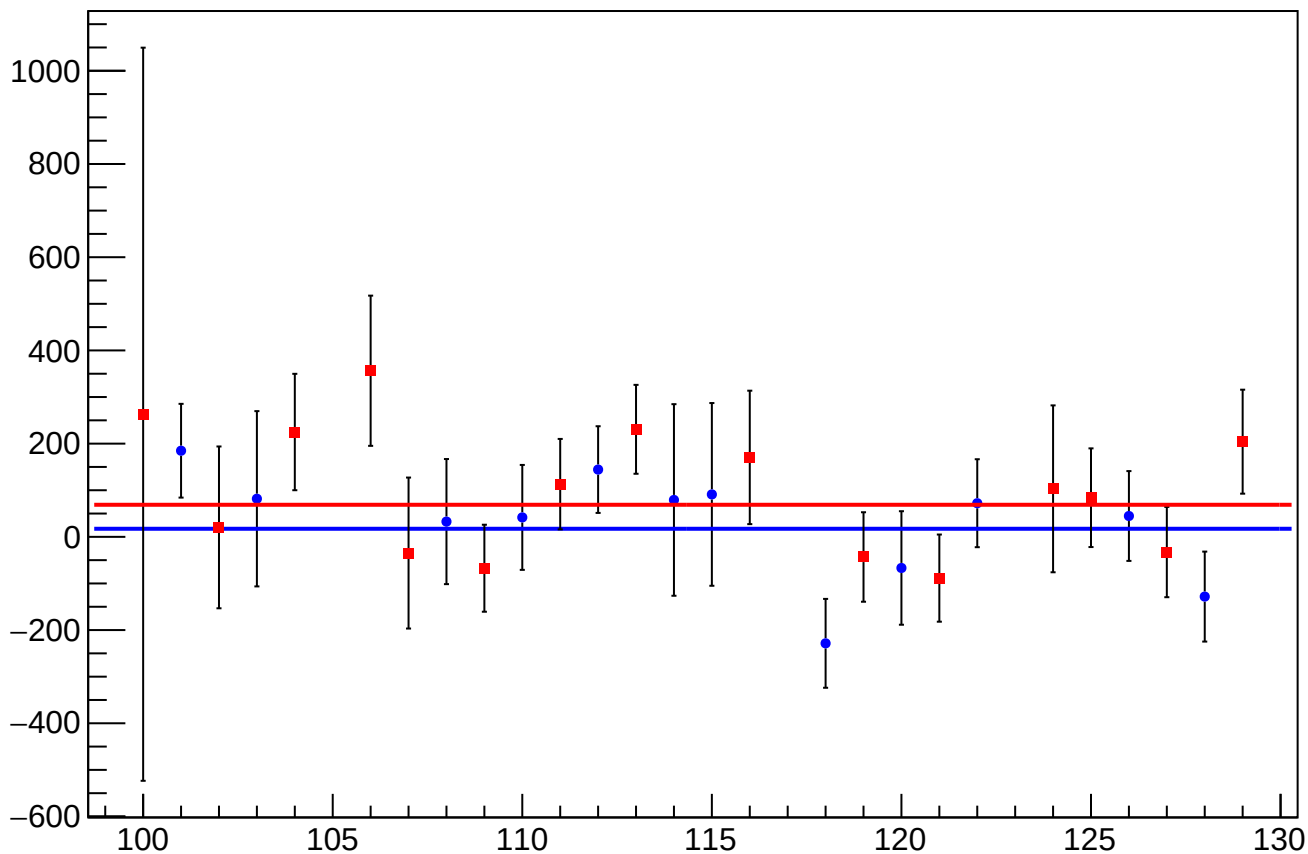
Right: 976.463+/-0.212 χ^2/NDF : 414087.6/26

In: 982.551+/-0.316 χ^2/NDF : 213946.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 976.463+/-0.212 χ^2/NDF : 414087.6/26

cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 17.335+/-32.762 χ^2/NDF : 14.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

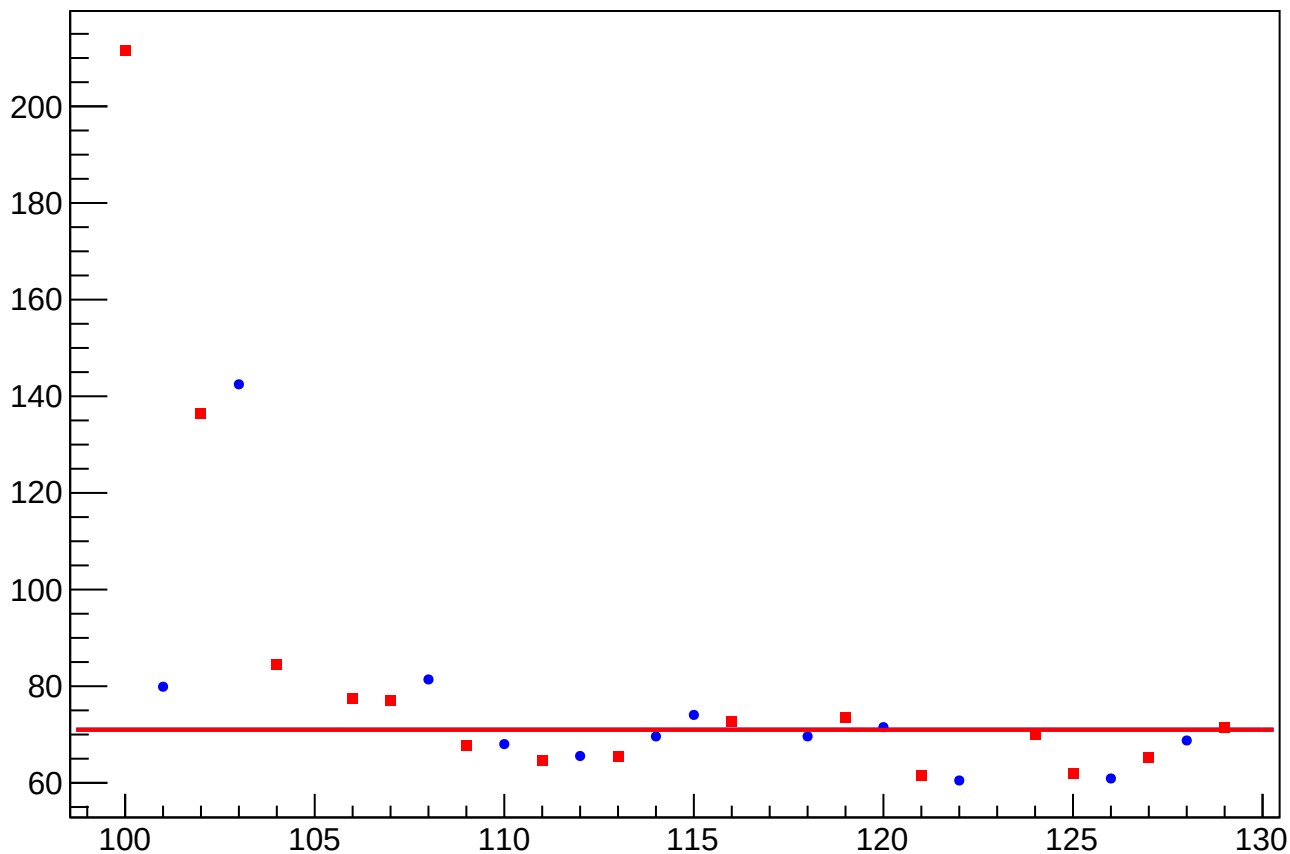
Right: 45.043+/-22.265 χ^2/NDF : 34.0/26

In: 17.335+/-32.762 χ^2/NDF : 14.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.043+/-22.265 χ^2/NDF : 34.0/26

cor_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 71.042+/-0.023 χ^2/NDF : 373651.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.965+/-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

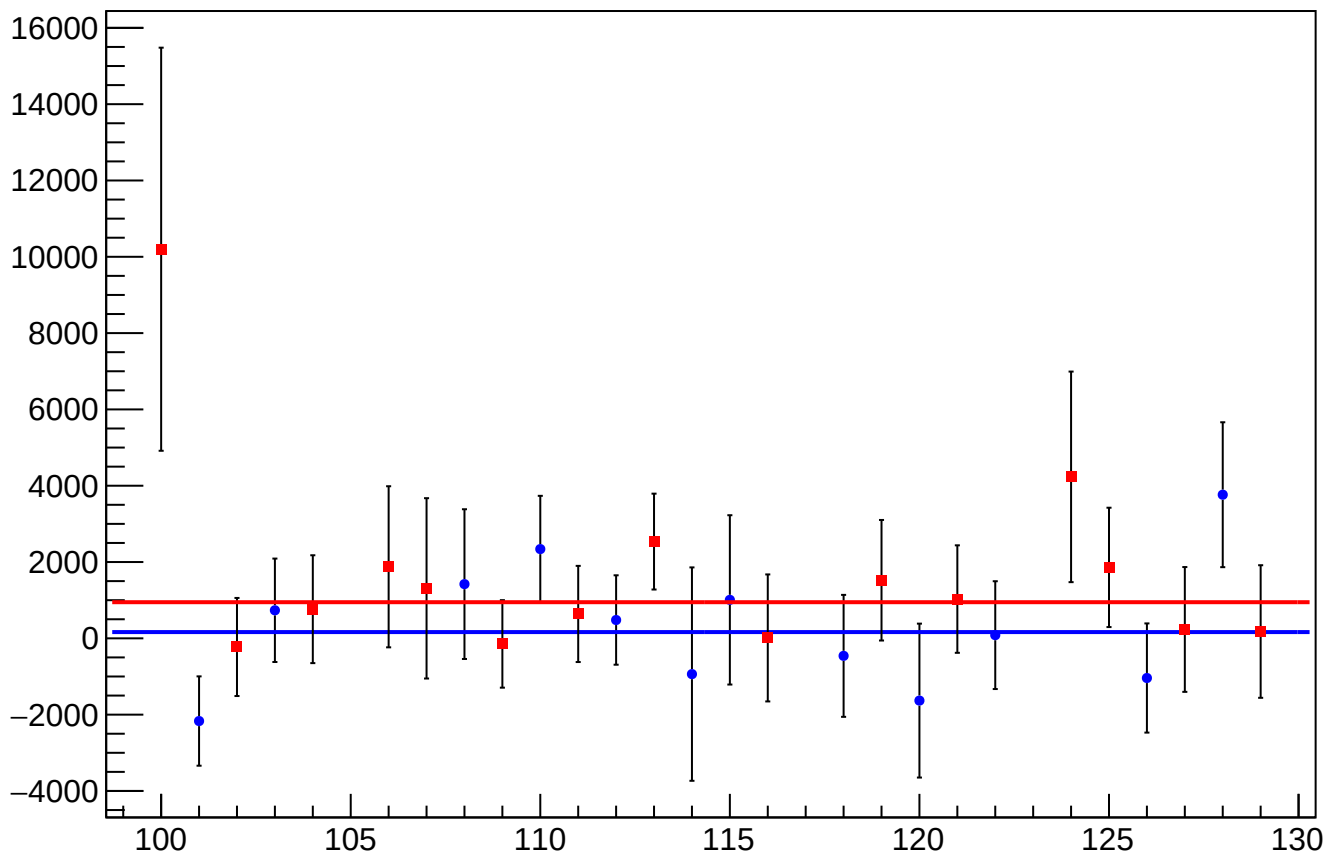
Right: 71.001+/-0.016 χ^2/NDF : 813226.2/26

In: 71.042+/-0.023 χ^2/NDF : 373651.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.001+/-0.016 χ^2/NDF : 813226.2/26

asym_sam_12345678_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 164.126+/-446.730 χ^2/NDF : 12.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

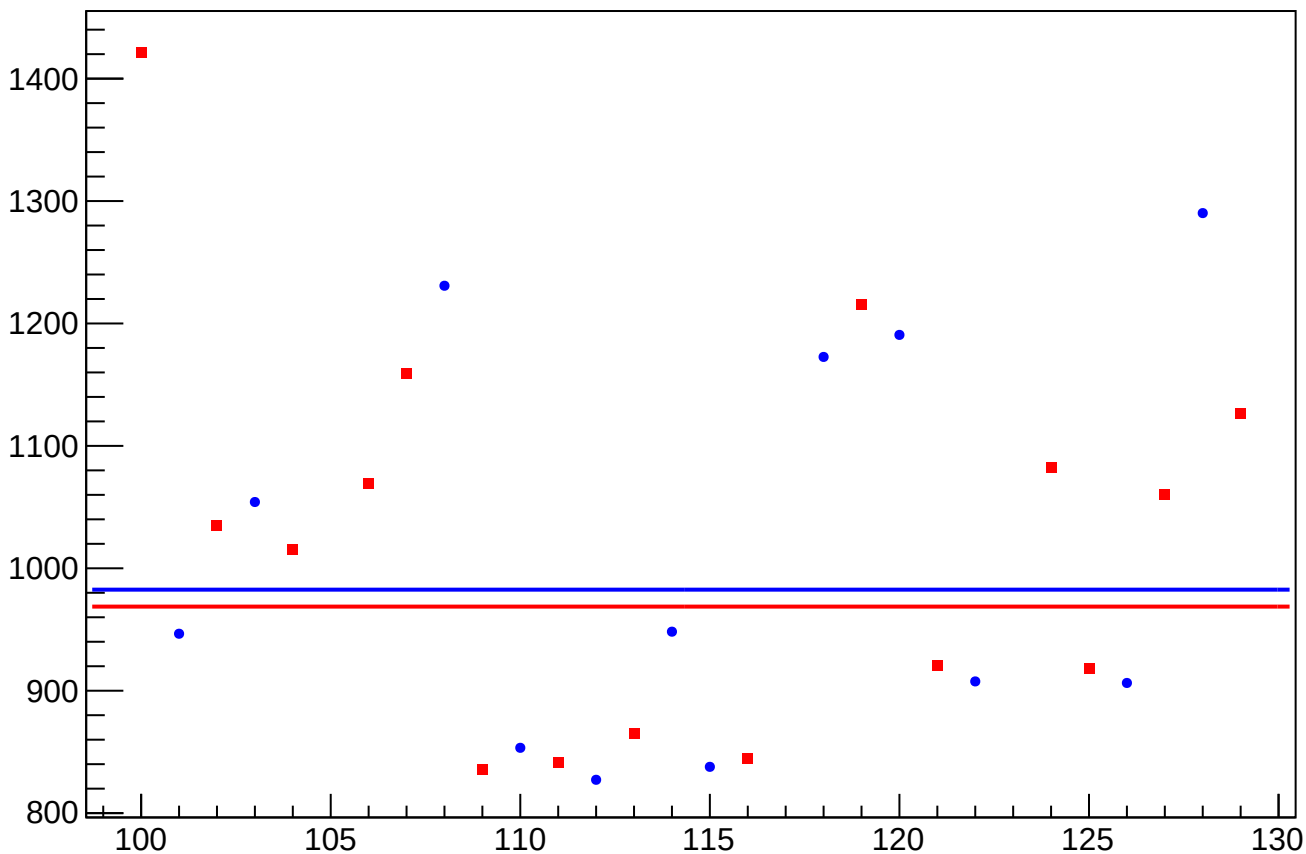
Right: 593.428+/-300.277 χ^2/NDF : 23.6/26

In: 164.126+/-446.730 χ^2/NDF : 12.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 593.428+/-300.277 χ^2/NDF : 23.6/26

asym_sam_12345678_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 982.559+/-0.316 χ^2/NDF : 213958.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

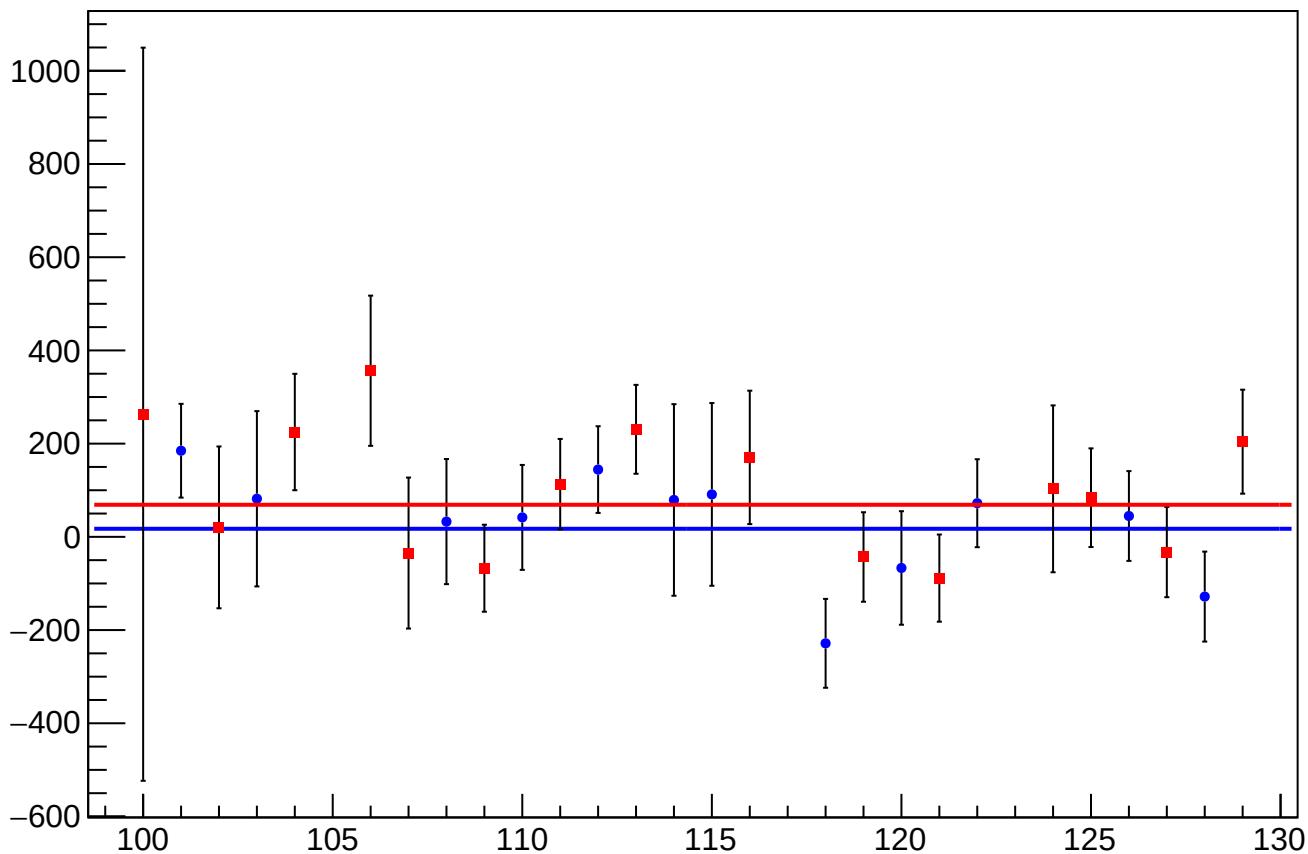
Right: 974.971+/-0.212 χ^2/NDF : 406249.9/26

In: 982.559+/-0.316 χ^2/NDF : 213958.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 974.971+/-0.212 χ^2/NDF : 406249.9/26

eigen_cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 17.335 $\pm$ 32.762 χ^2 /NDF: 14.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 68.823 $\pm$ 30.351 χ^2 /NDF: 17.8/14

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

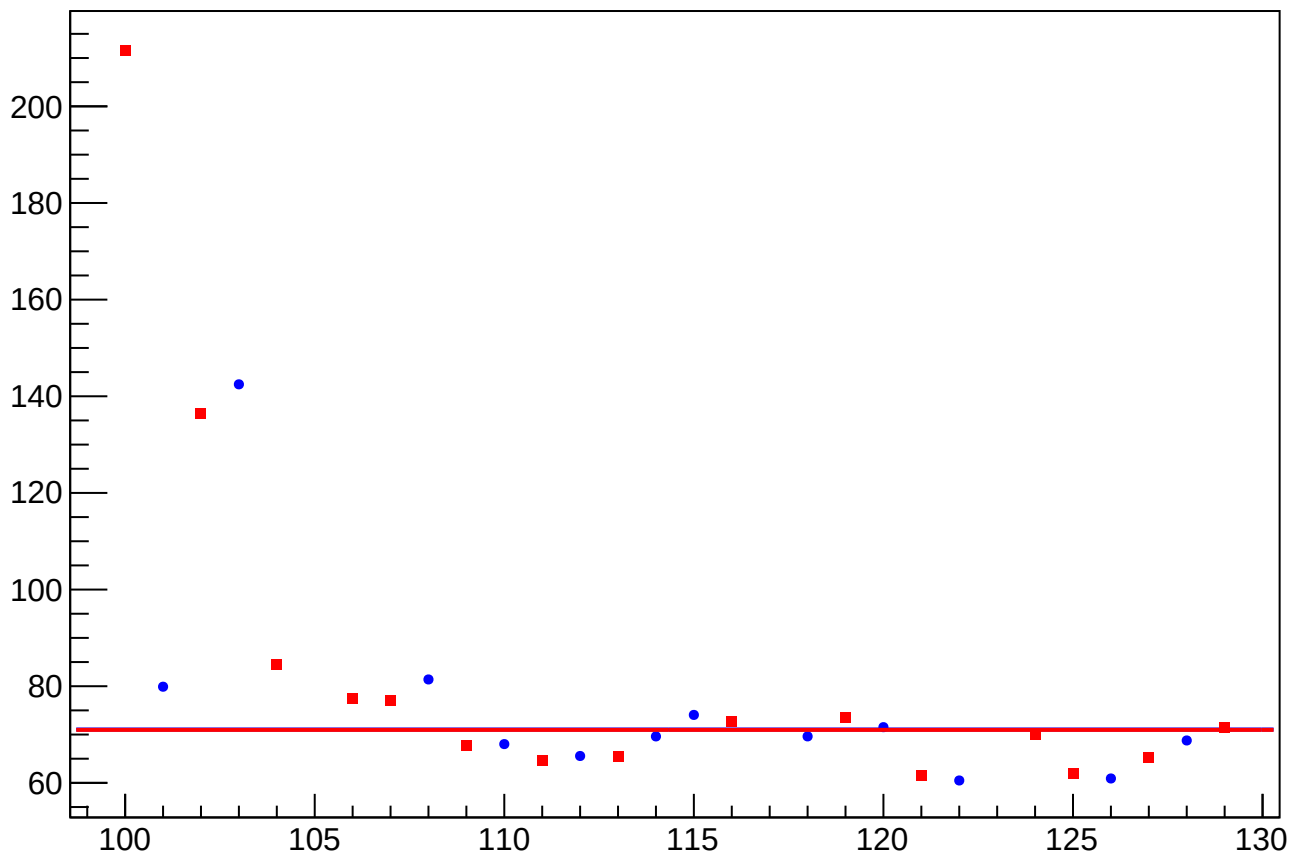
Right: 45.043 $\pm$ 22.265 χ^2 /NDF: 34.0/26

In: 17.335 $\pm$ 32.762 χ^2 /NDF:14.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 45.043 $\pm$ 22.265 χ^2 /NDF: 34.0/26

eigen_cor_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 71.042+/-0.023 χ^2/NDF : 373651.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.965+/-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

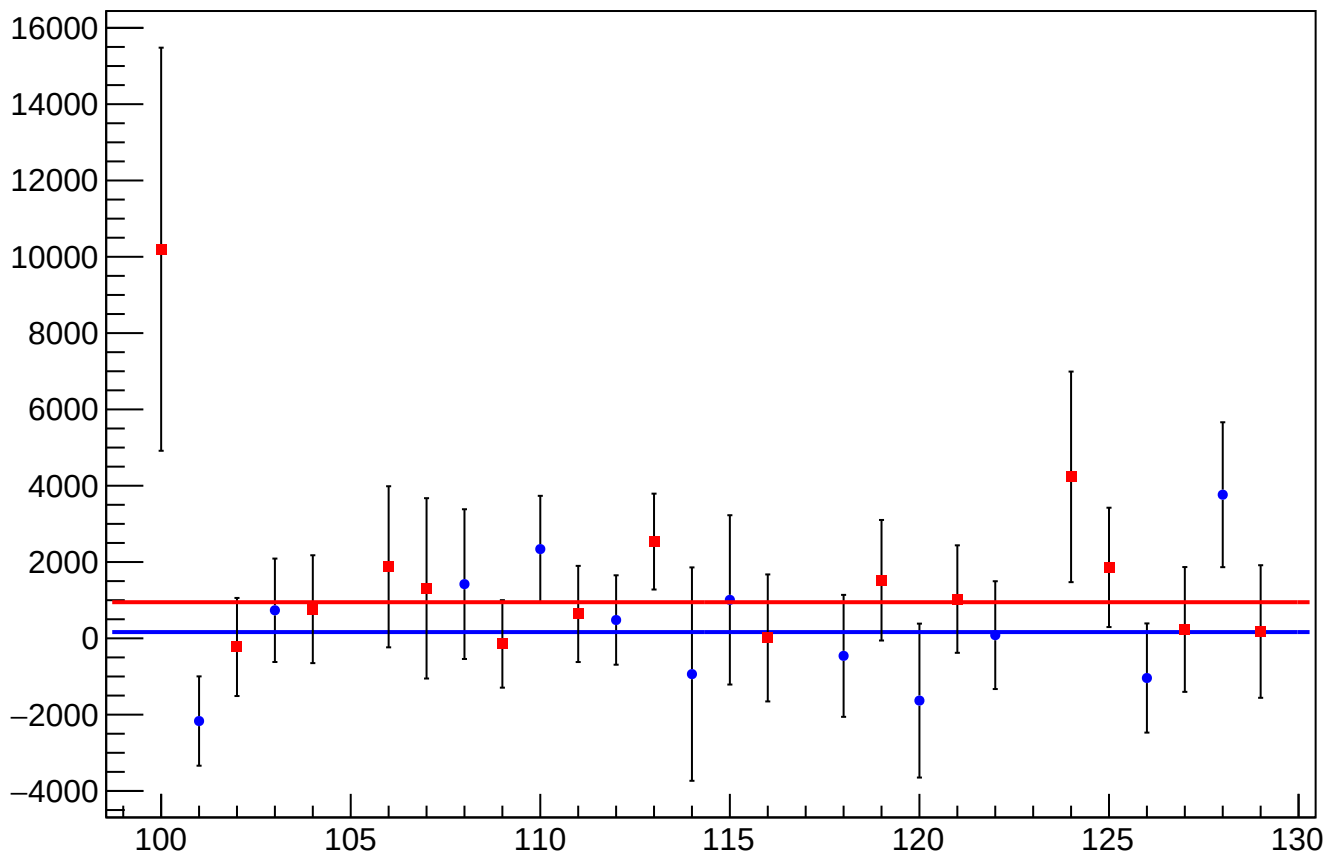
Right: 71.001+/-0.016 χ^2/NDF : 813226.2/26

In: 71.042+/-0.023 χ^2/NDF : 373651.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.001+/-0.016 χ^2/NDF : 813226.2/26

asym_sam_12345678_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 164.126+/-446.730 χ^2/NDF : 12.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

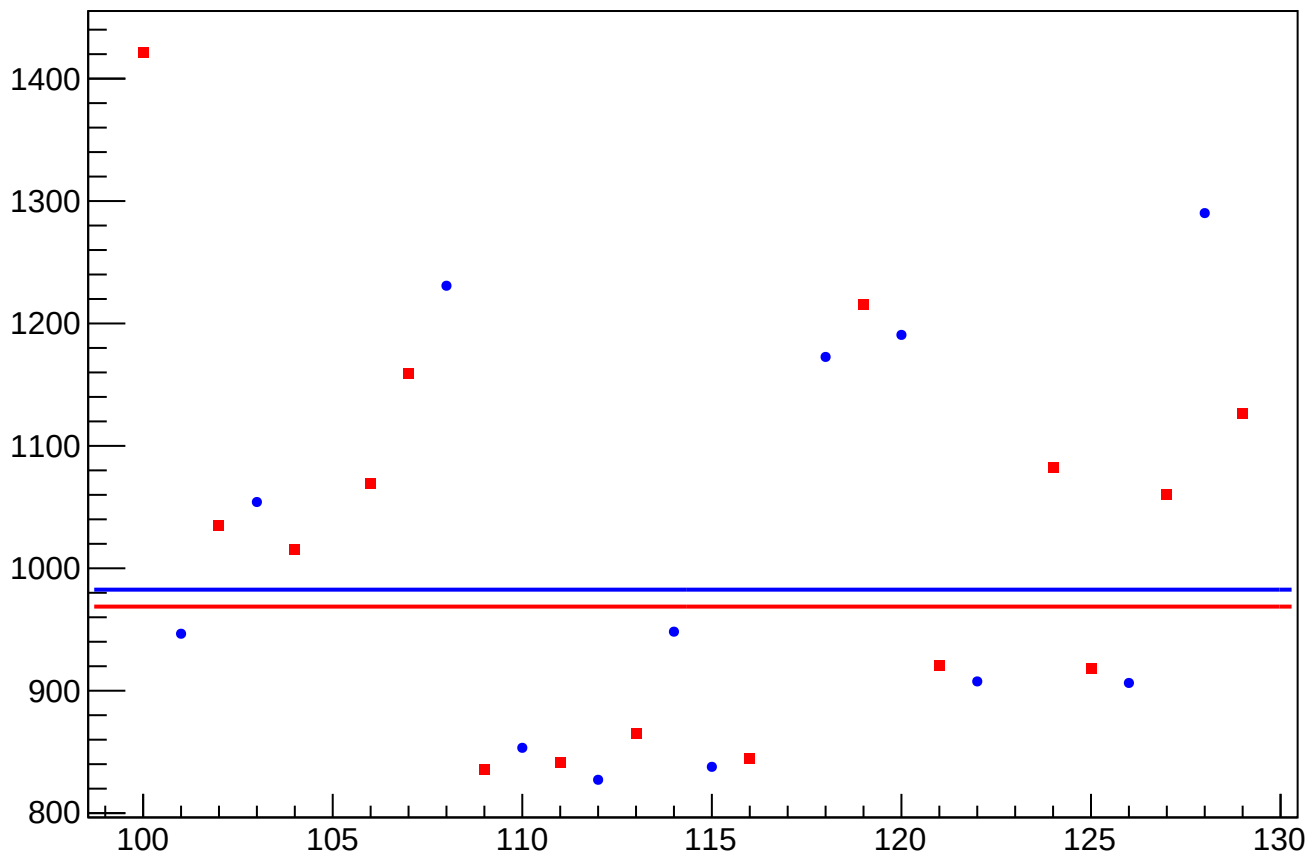
Right: 593.428+/-300.277 χ^2/NDF : 23.6/26

In: 164.126+/-446.730 χ^2/NDF : 12.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 593.428+/-300.277 χ^2/NDF : 23.6/26

asym_sam_12345678_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 982.559+/-0.316 χ^2/NDF : 213958.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

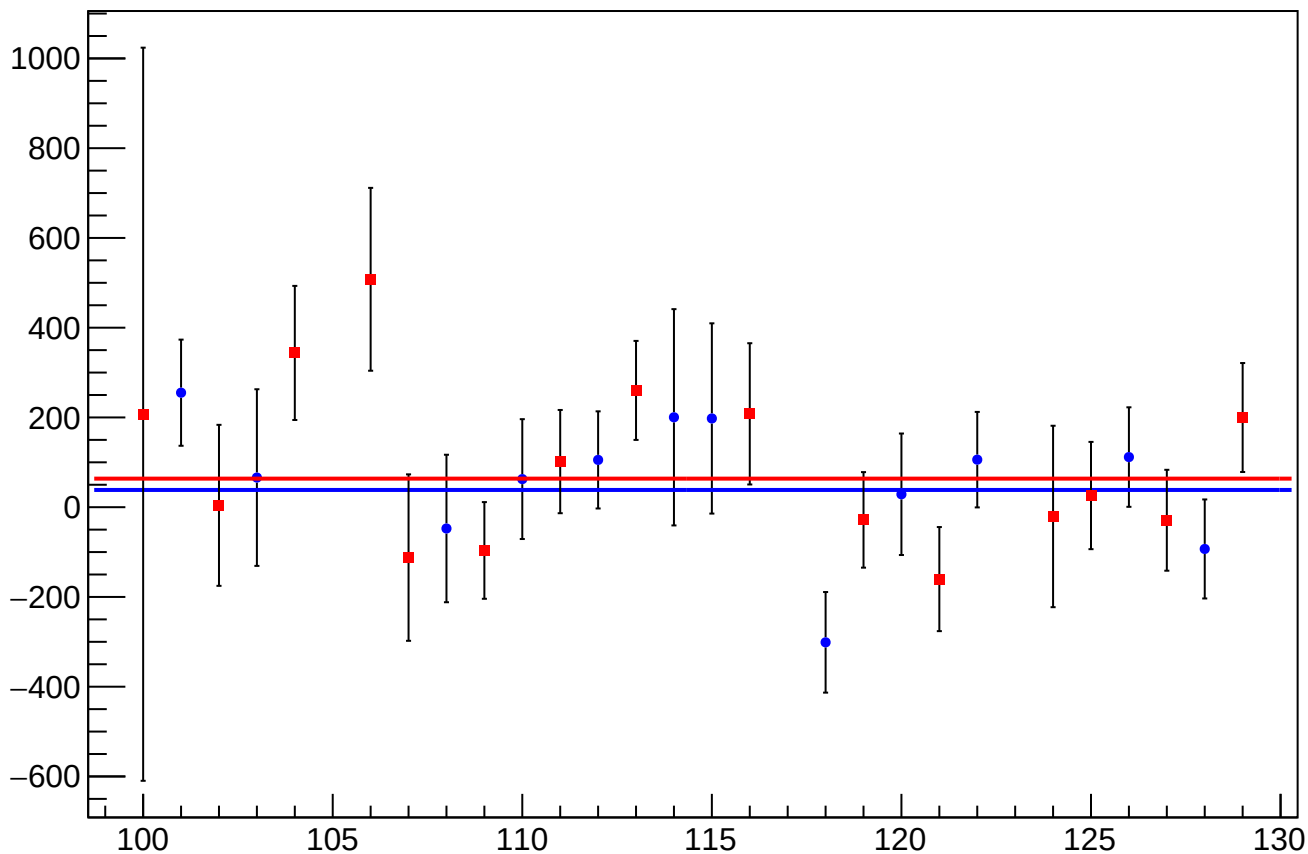
Right: 974.971+/-0.212 χ^2/NDF : 406249.9/26

In: 982.559+/-0.316 χ^2/NDF : 213958.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 974.971+/-0.212 χ^2/NDF : 406249.9/26

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 38.418+/-37.764 χ^2/NDF : 16.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

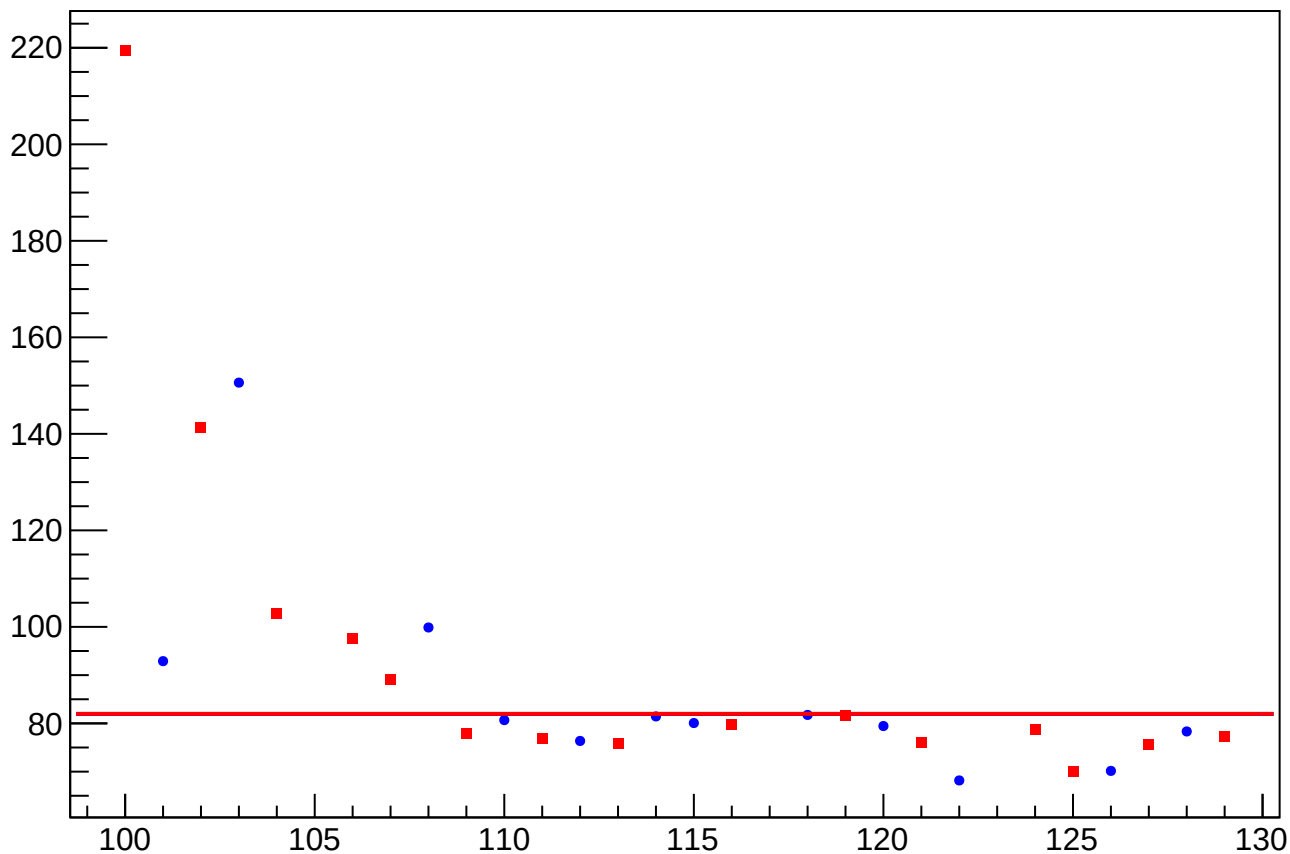
Right: 52.010+/-25.649 χ^2/NDF : 39.1/26

In: 38.418+/-37.764 χ^2/NDF : 16.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.010+/-25.649 χ^2/NDF : 39.1/26

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 81.942+/-0.027 χ^2/NDF : 349002.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

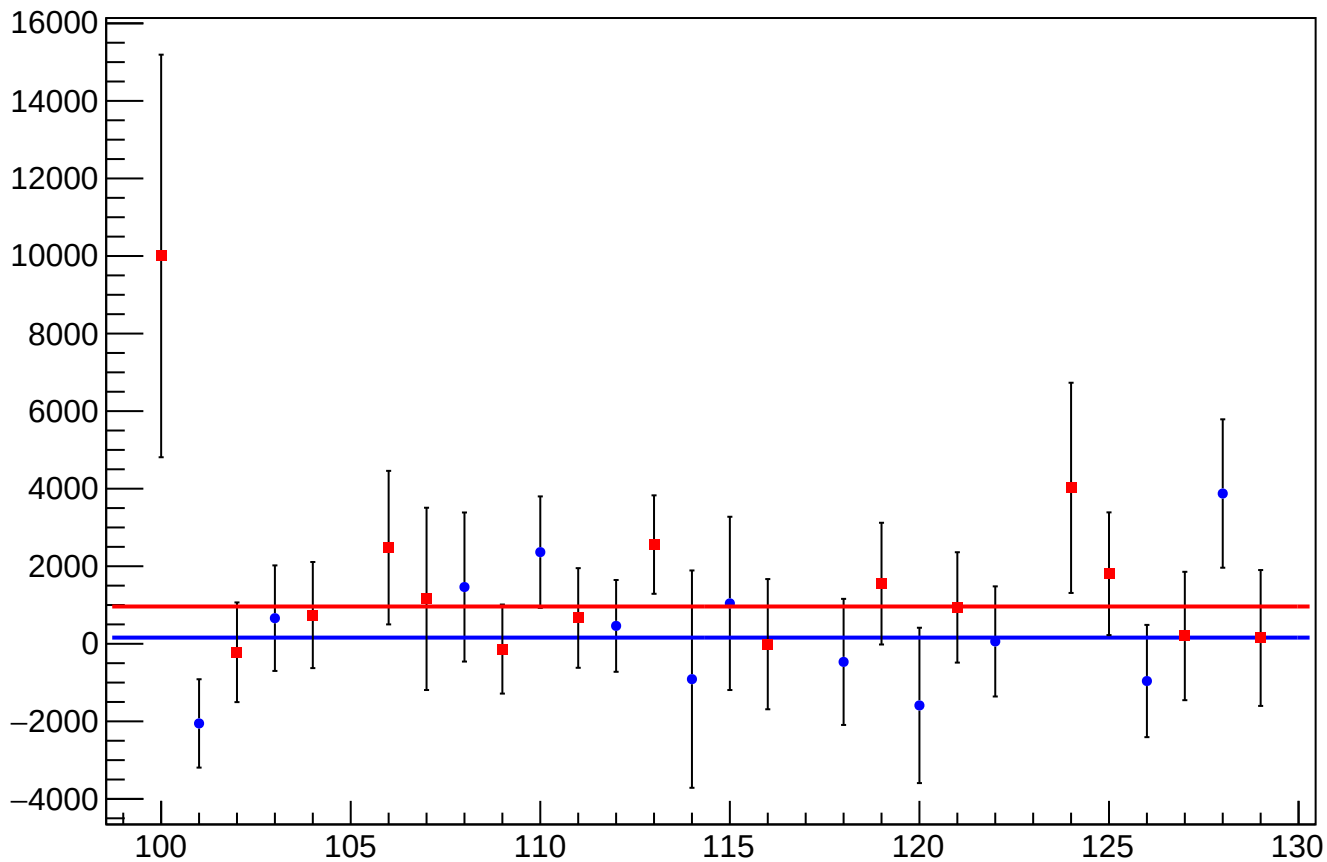
Right: 81.960+/-0.018 χ^2/NDF : 726233.4/26

In: 81.942+/-0.027 χ^2/NDF : 349002.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.960+/-0.018 χ^2/NDF : 726233.4/26

asym_sam_12345678_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 159.819+/-448.068 χ^2/NDF : 12.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

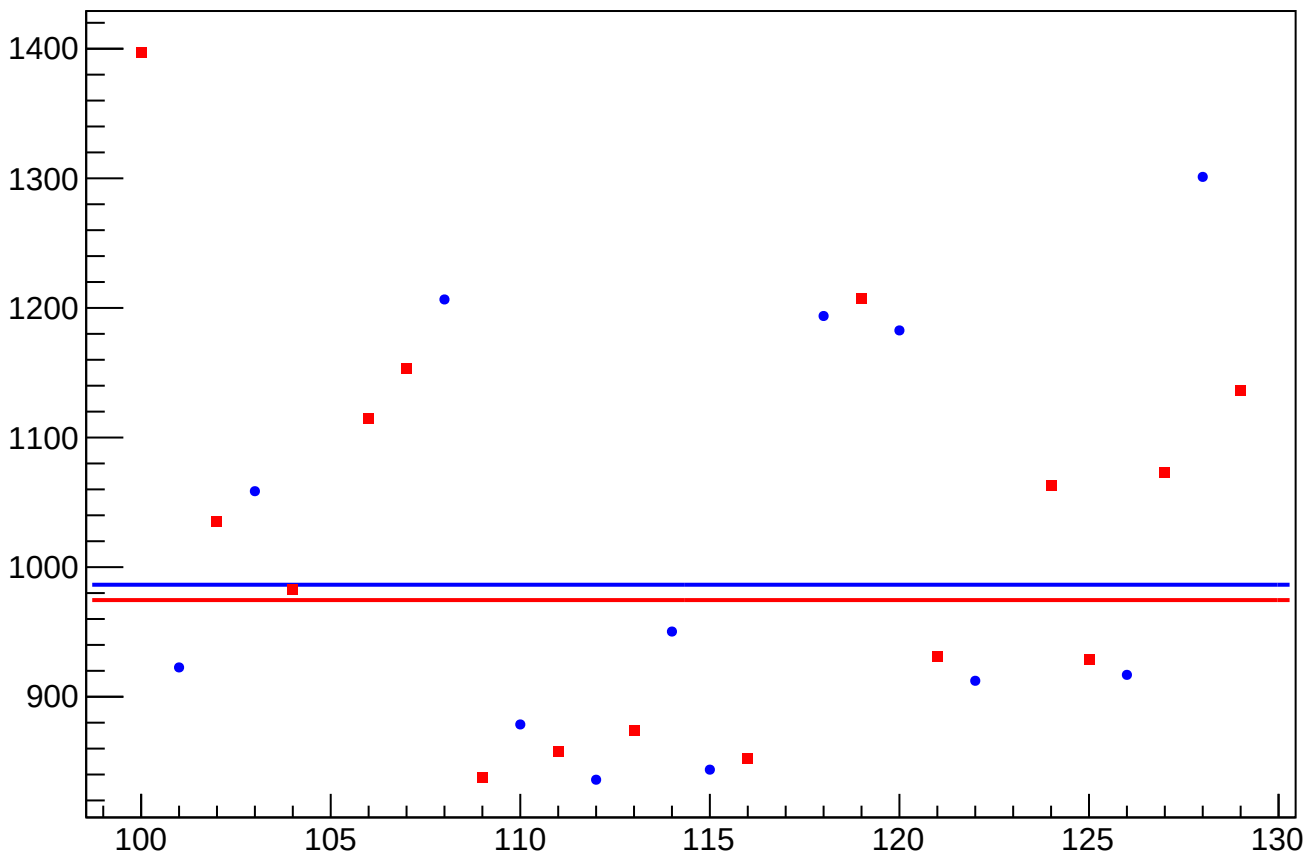
Right: 600.633+/-300.697 χ^2/NDF : 23.6/26

In: 159.819+/-448.068 χ^2/NDF : 12.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 600.633+/-300.697 χ^2/NDF : 23.6/26

asym_sam_12345678_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 986.427+/-0.317 χ^2/NDF : 206061.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

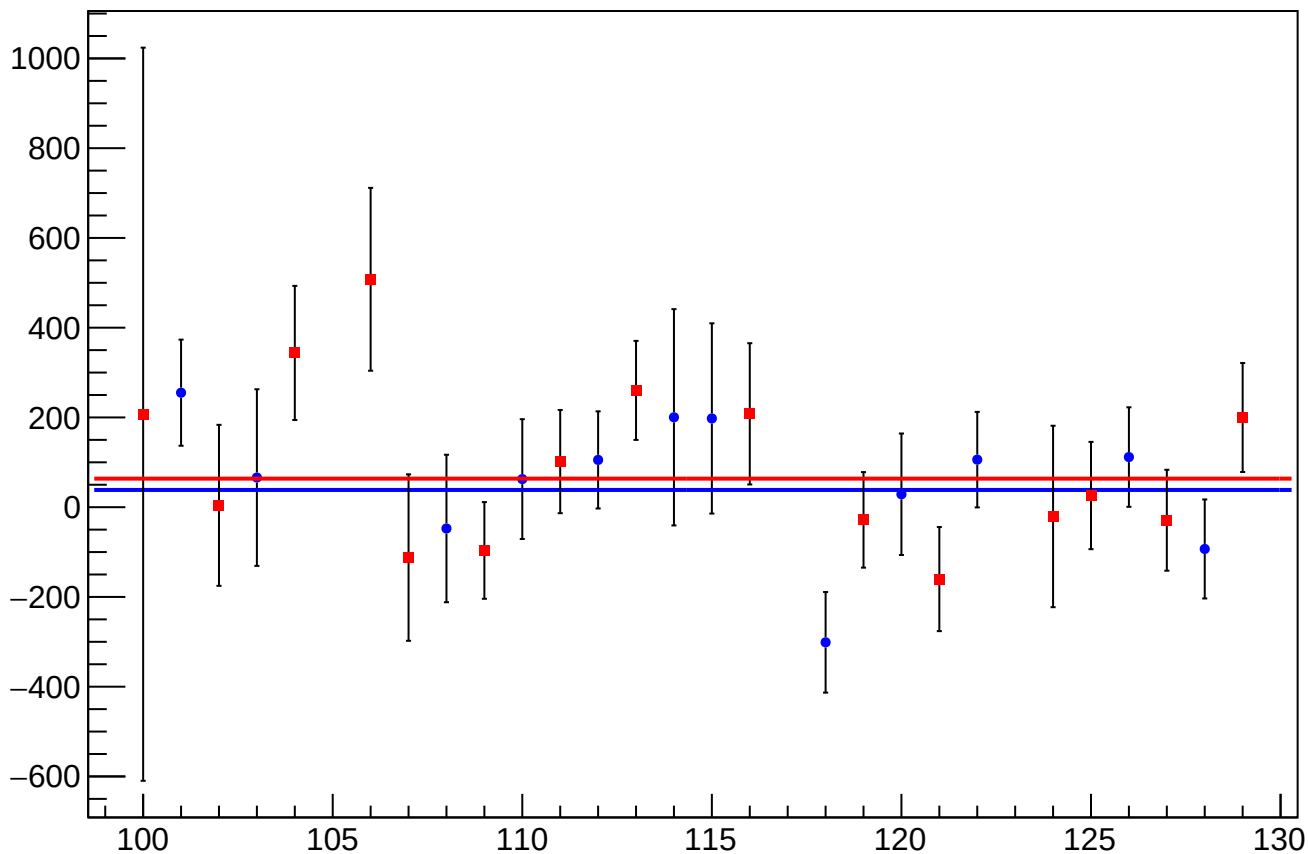
Right: 979.921+/-0.213 χ^2/NDF : 388084.1/26

In: 986.427+/-0.317 χ^2/NDF : 206061.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 979.921+/-0.213 χ^2/NDF : 388084.1/26

eigen_dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 38.416+/-37.764 χ^2/NDF : 16.5/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

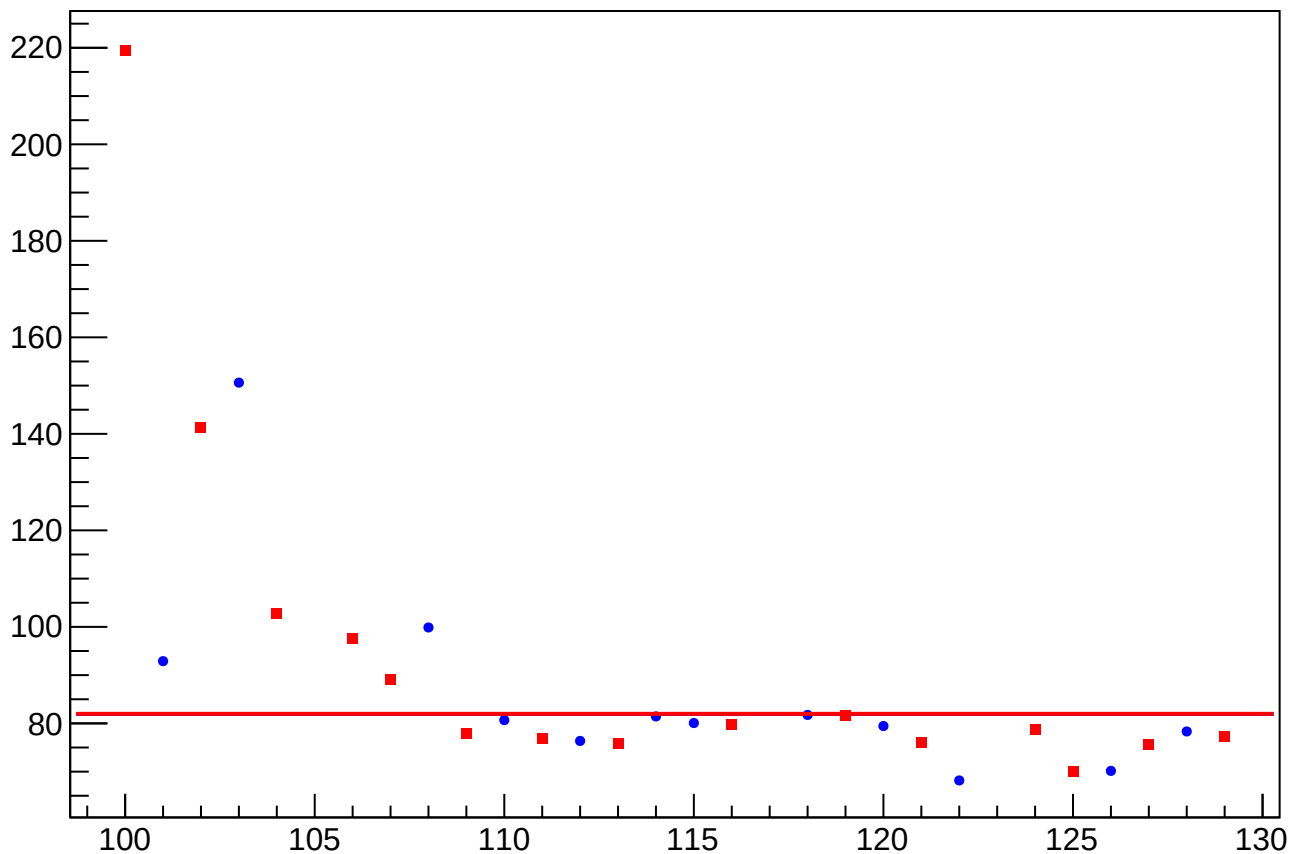
Right: 52.008+/-25.649 χ^2/NDF : 39.1/26

In: 38.416+/-37.764 χ^2/NDF :16.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 52.008+/-25.649 χ^2/NDF : 39.1/26

eigen_dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 81.942+/-0.027 χ^2/NDF : 349005.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

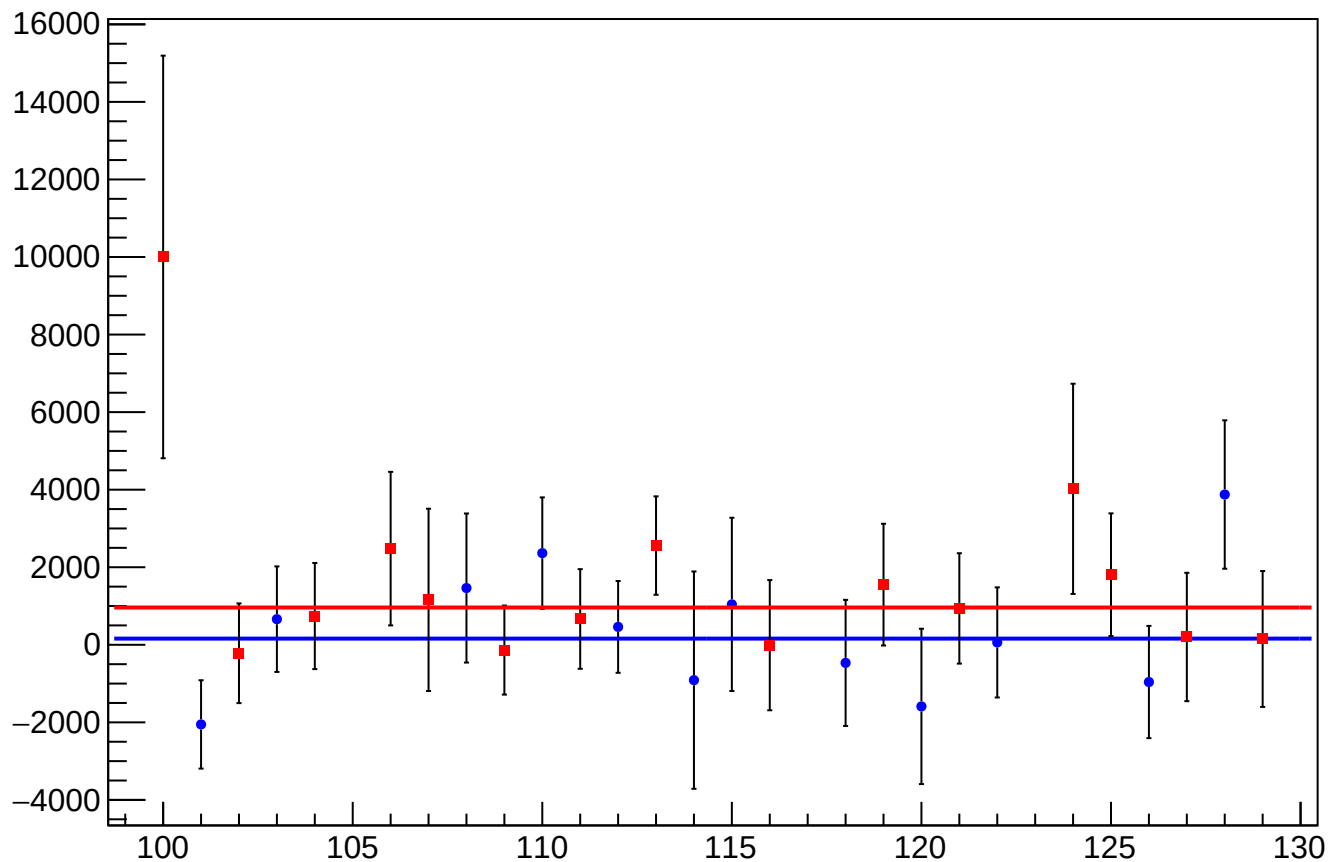
Right: 81.960+/-0.018 χ^2/NDF : 726245.5/26

In: 81.942+/-0.027 χ^2/NDF : 349005.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.960+/-0.018 χ^2/NDF : 726245.5/26

asym_sam_12345678_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 159.820+/-448.066 χ^2/NDF : 12.4/11

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

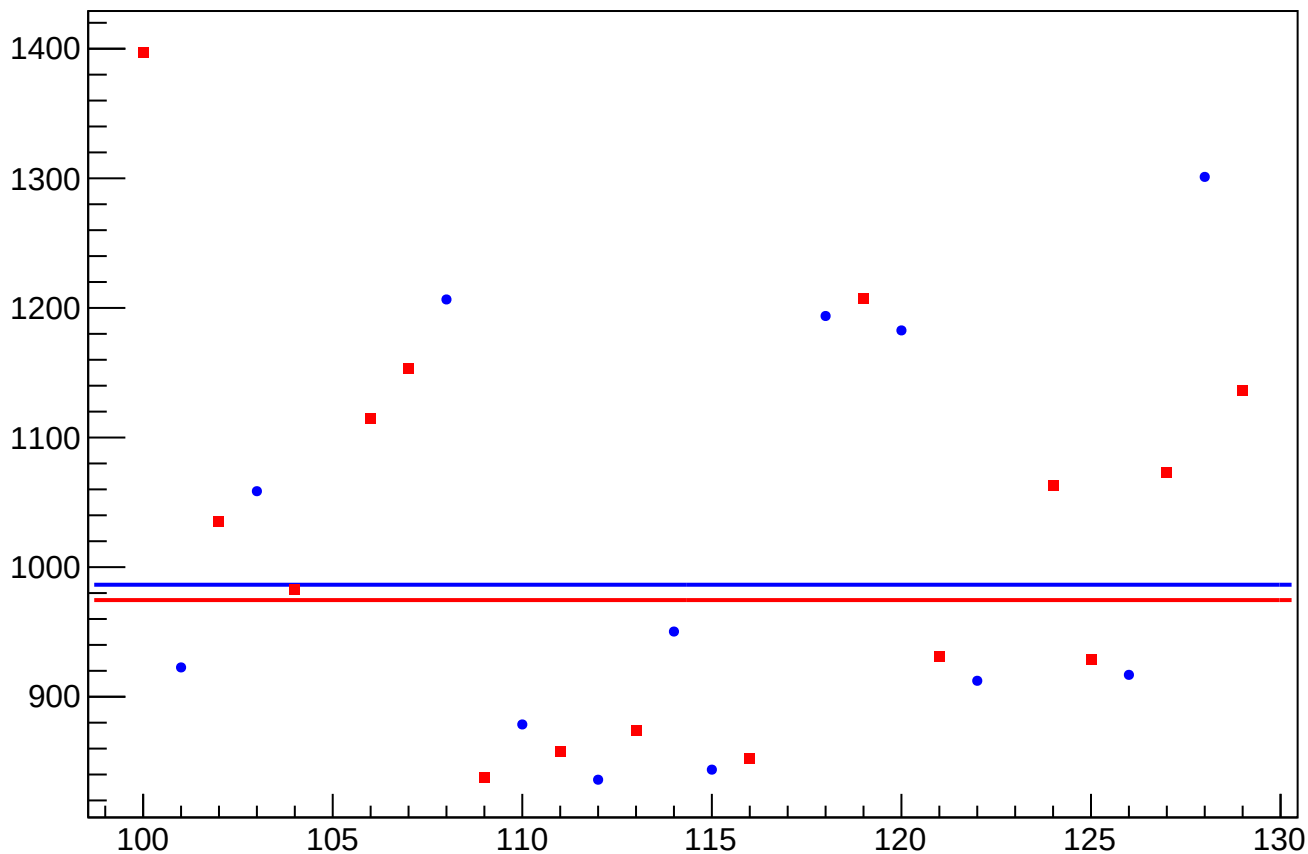
Right: 600.633+/-300.696 χ^2/NDF : 23.6/26

In: 159.820+/-448.066 χ^2/NDF : 12.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 600.633+/-300.696 χ^2/NDF : 23.6/26

asym_sam_12345678_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 986.425+/-0.317 χ^2/NDF : 206063.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

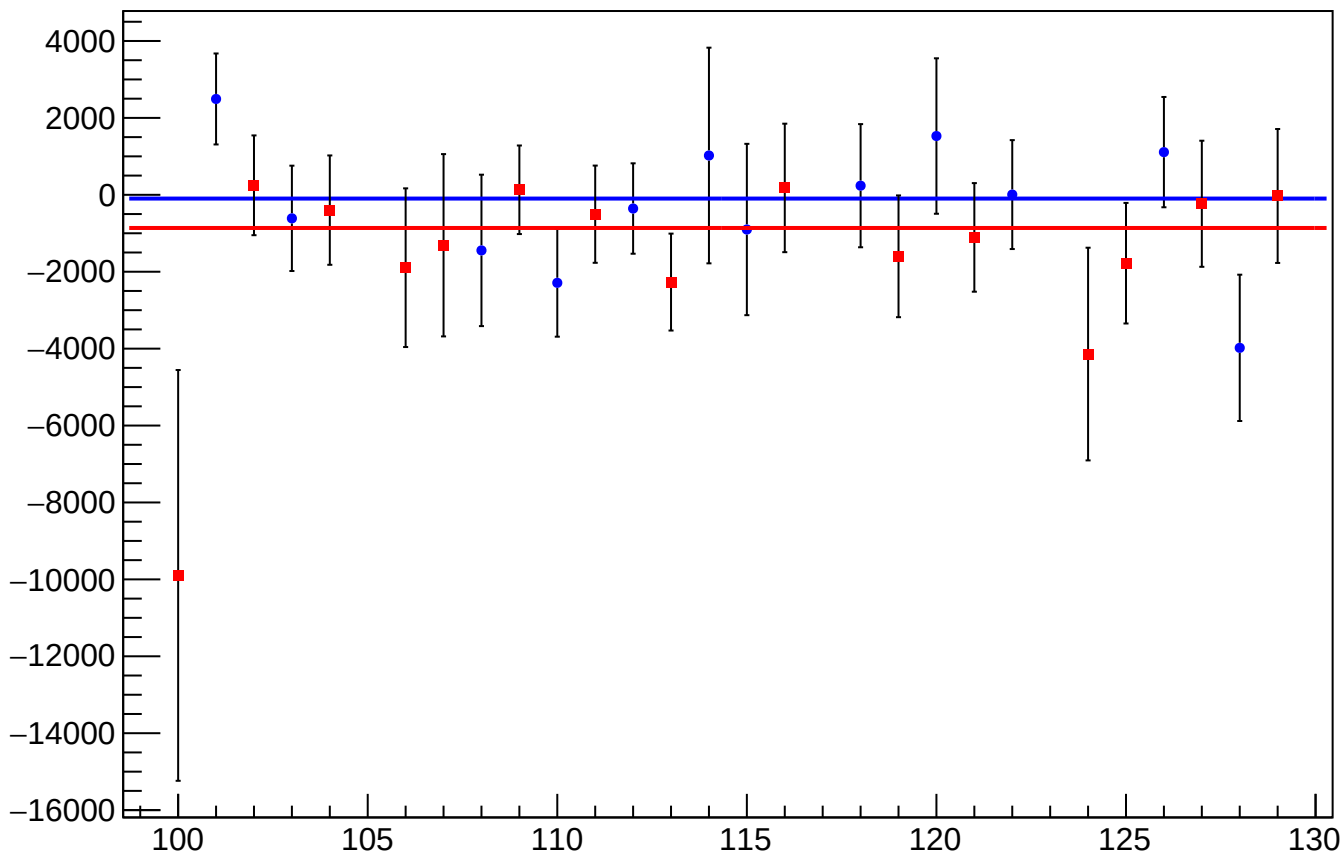
Right: 979.918+/-0.213 χ^2/NDF : 388089.2/26

In: 986.425+/-0.317 χ^2/NDF : 206063.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 979.918+/-0.213 χ^2/NDF : 388089.2/26

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: -97.613+/-448.818 χ^2/NDF : 13.8/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

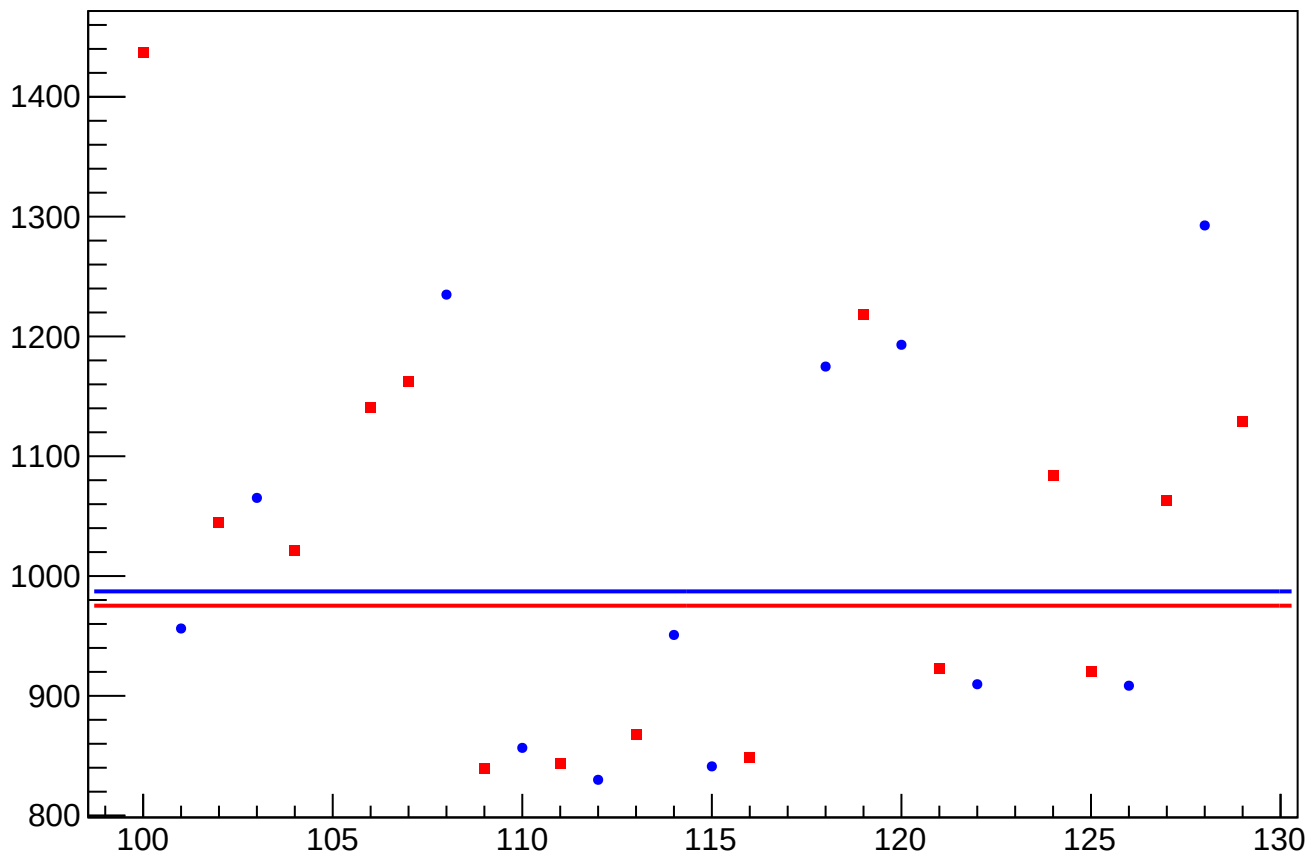
Right: -517.459+/-301.380 χ^2/NDF : 24.2/26

In: -97.613+/-448.818 χ^2/NDF :13.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -517.459+/-301.380 χ^2/NDF : 24.2/26

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 987.191+/-0.317 χ^2/NDF : 213457.5/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

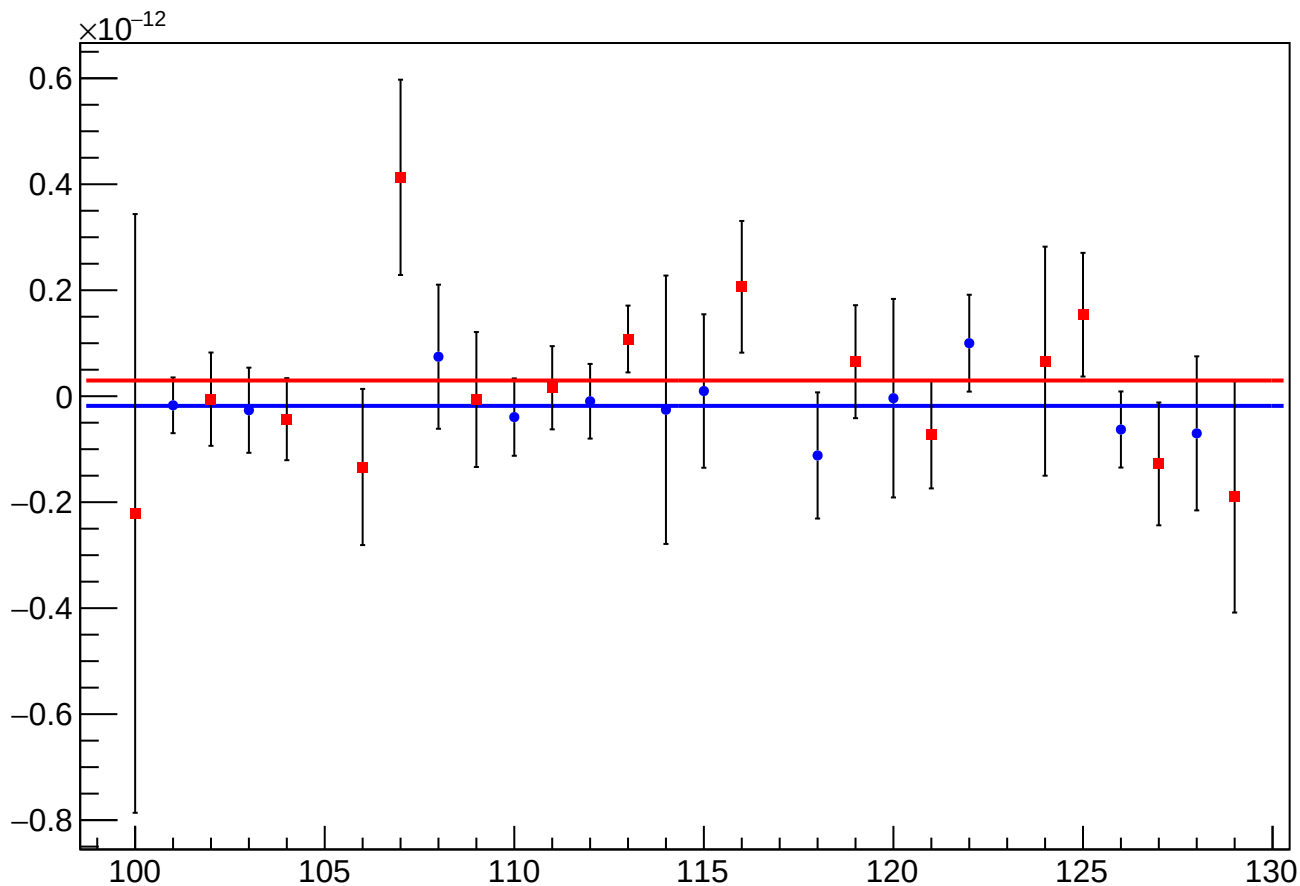
Right: 980.640+/-0.213 χ^2/NDF : 414713.2/26

In: 987.191+/-0.317 χ^2/NDF :213457.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 980.640+/-0.213 χ^2/NDF : 414713.2/26

asym_sam_12345678_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.4/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

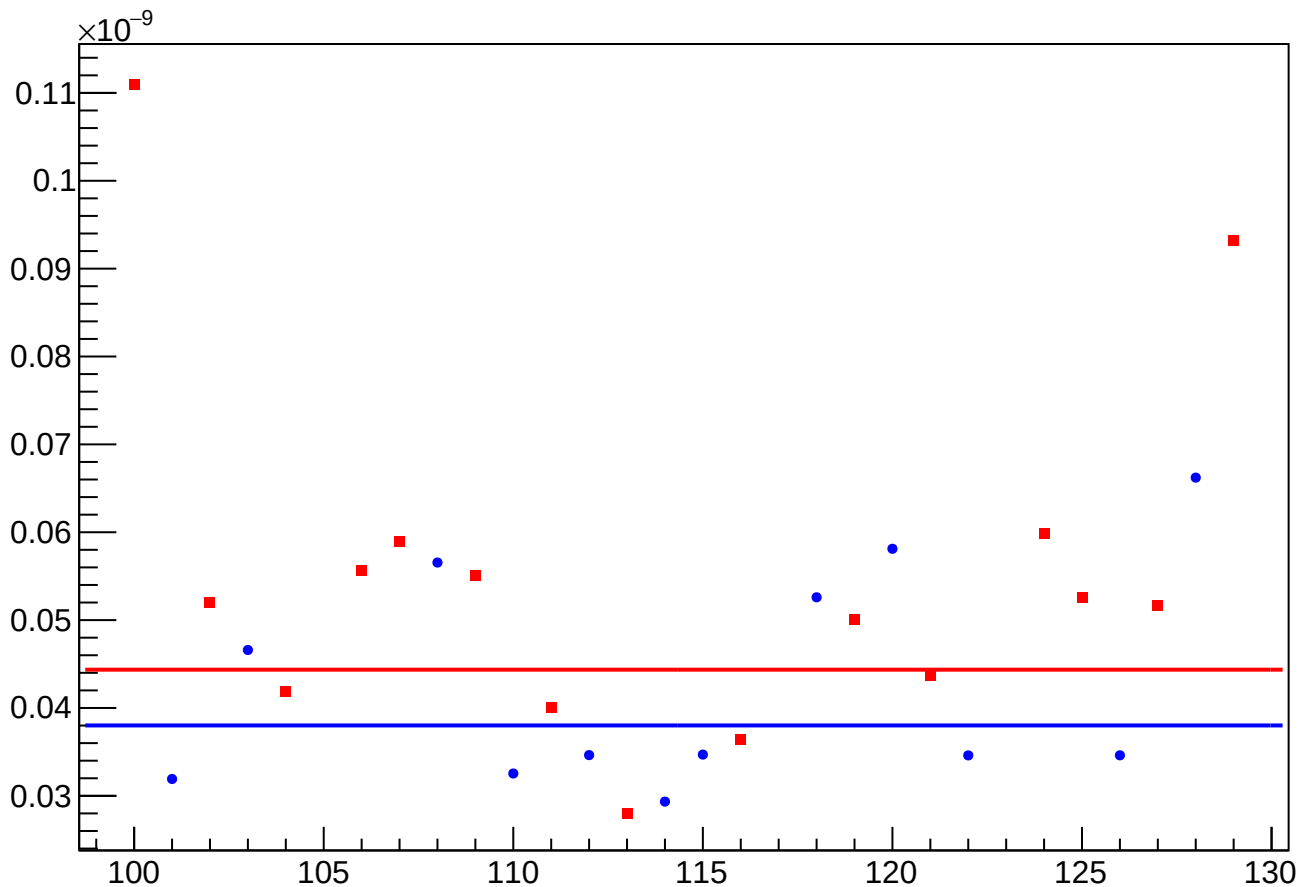
Right: 0.000+/-0.000 χ^2/NDF : 20.6/26

In: -0.000+/-0.000 χ^2/NDF :3.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.6/26

asym_sam_12345678_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 241654.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 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

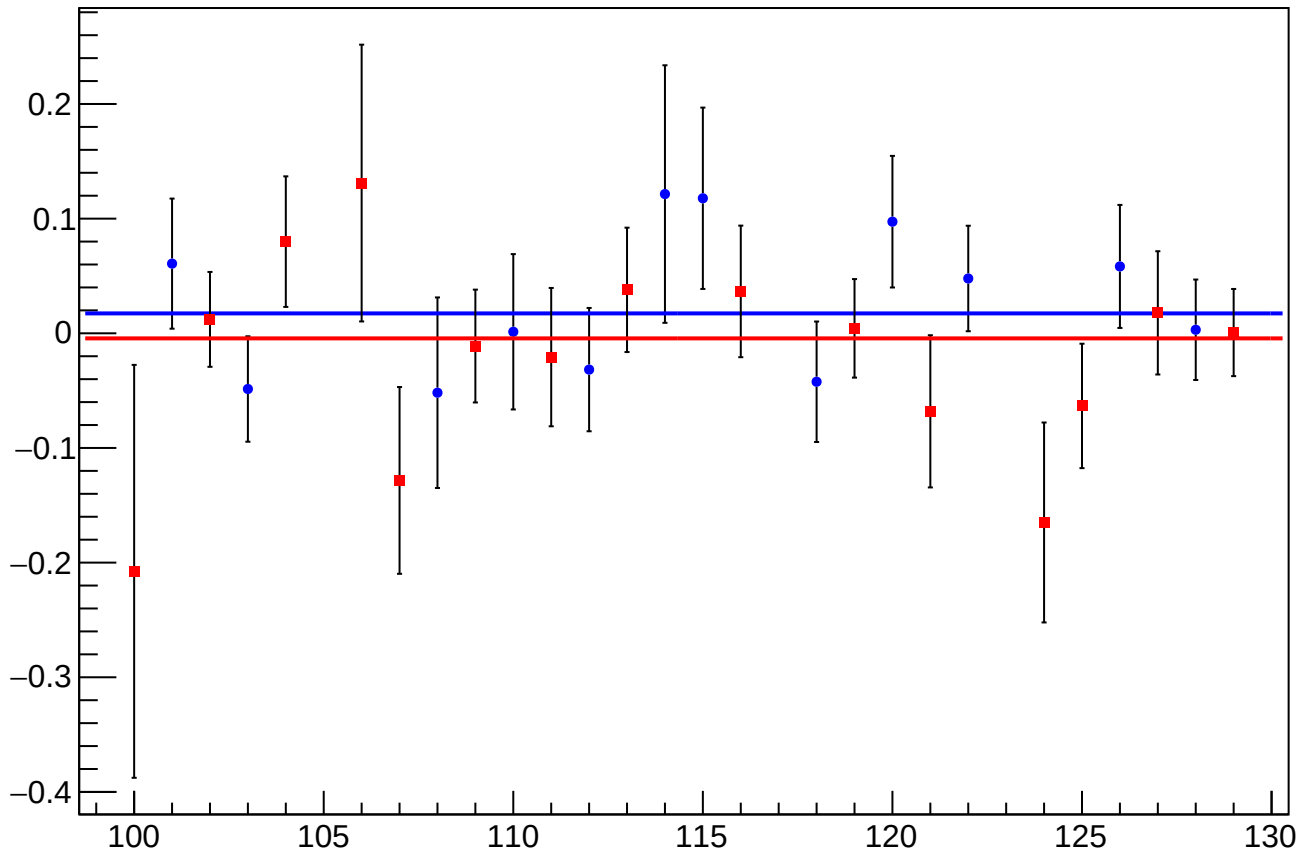
Right: 0.000+/-0.000 χ^2/NDF : 663692.3/26

In: 0.000+/-0.000 χ^2/NDF :241654.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 663692.3/26

asym_sam_12345678_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017 $\pm$ 0.016 χ^2 /NDF: 11.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 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

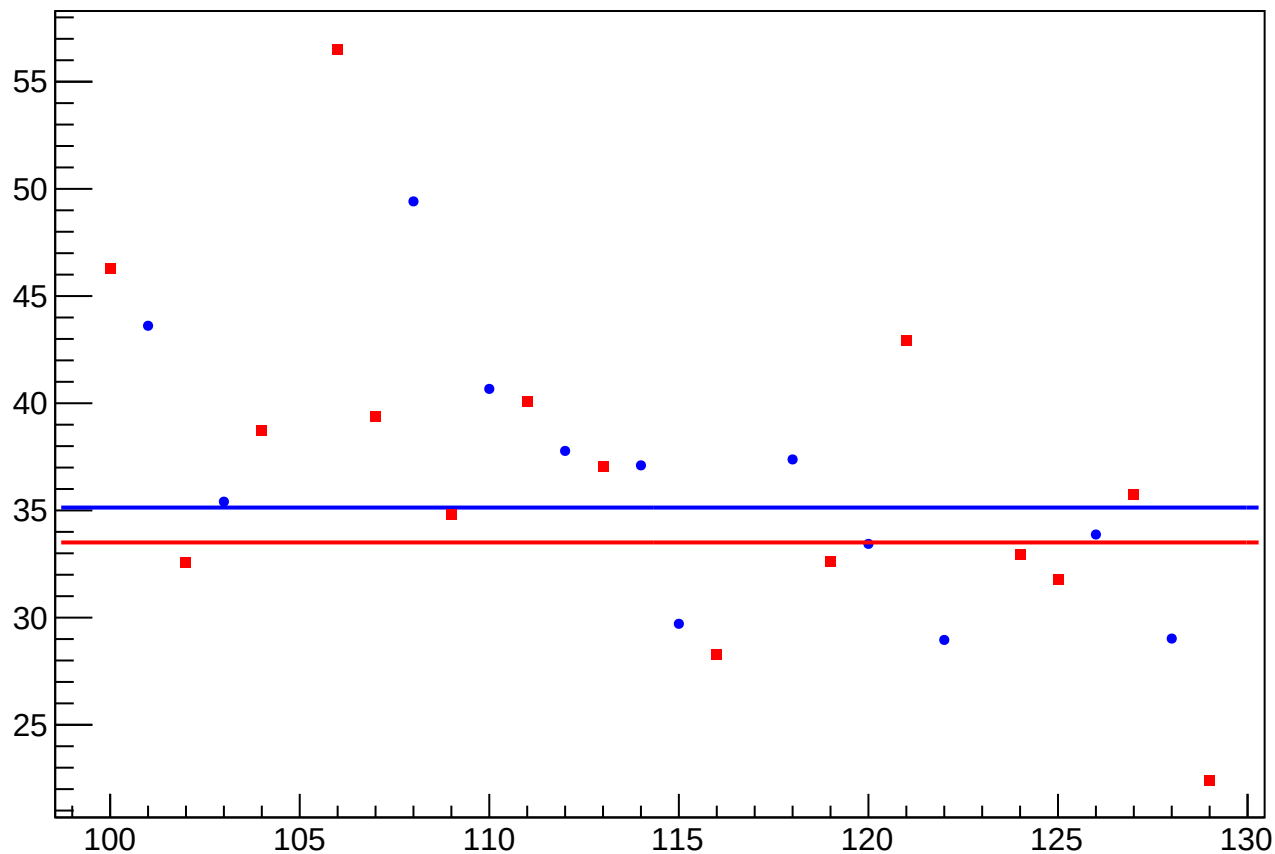
Right: 0.005 $\pm$ 0.011 χ^2 /NDF: 26.2/26

In: 0.017 $\pm$ 0.016 χ^2 /NDF:11.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.005 $\pm$ 0.011 χ^2 /NDF: 26.2/26

asym_sam_12345678_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.135+/-0.012 χ^2/NDF : 213489.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

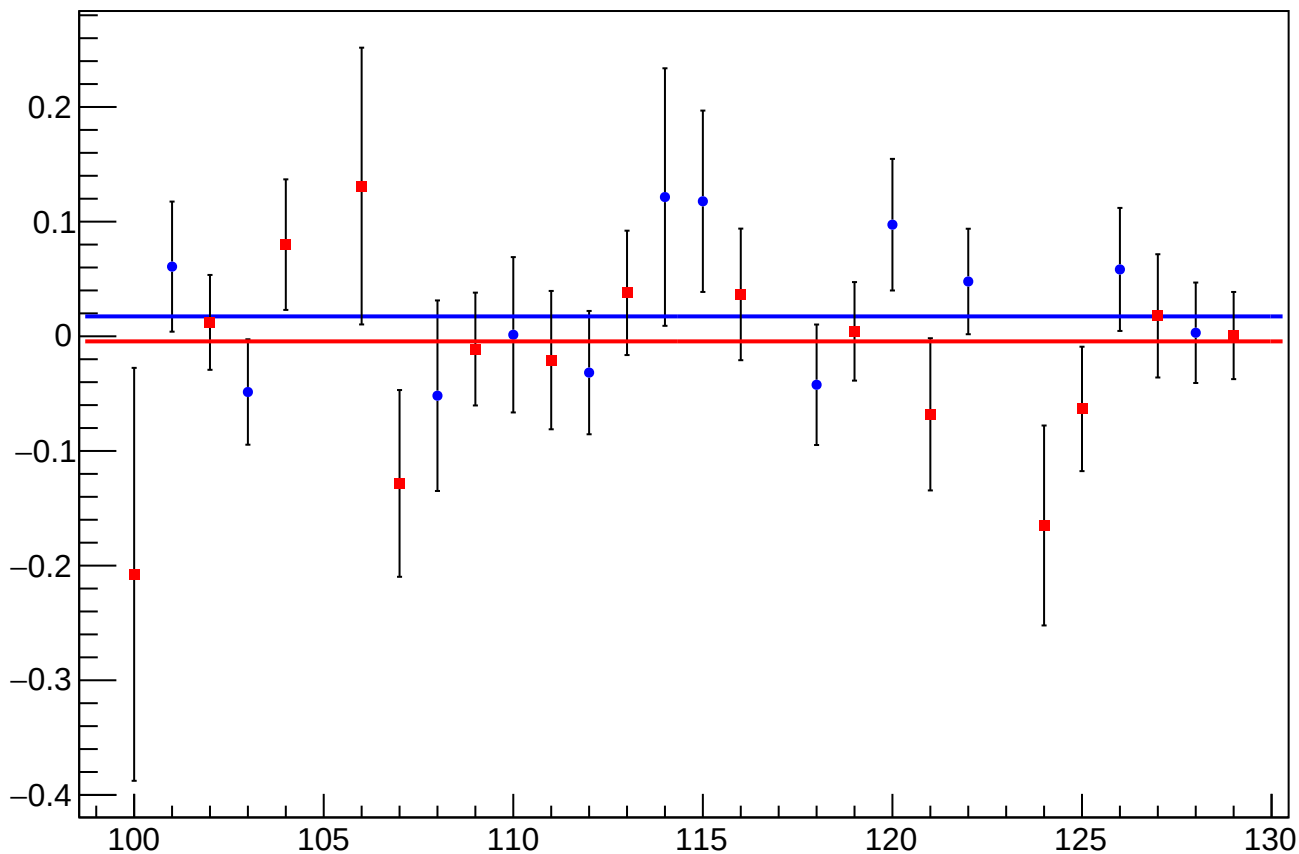
Right: 34.223+/-0.008 χ^2/NDF : 603119.0/26

In: 35.135+/-0.012 χ^2/NDF : 213489.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.223+/-0.008 χ^2/NDF : 603119.0/26

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017 $\pm$ 0.016 χ^2 /NDF: 11.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 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

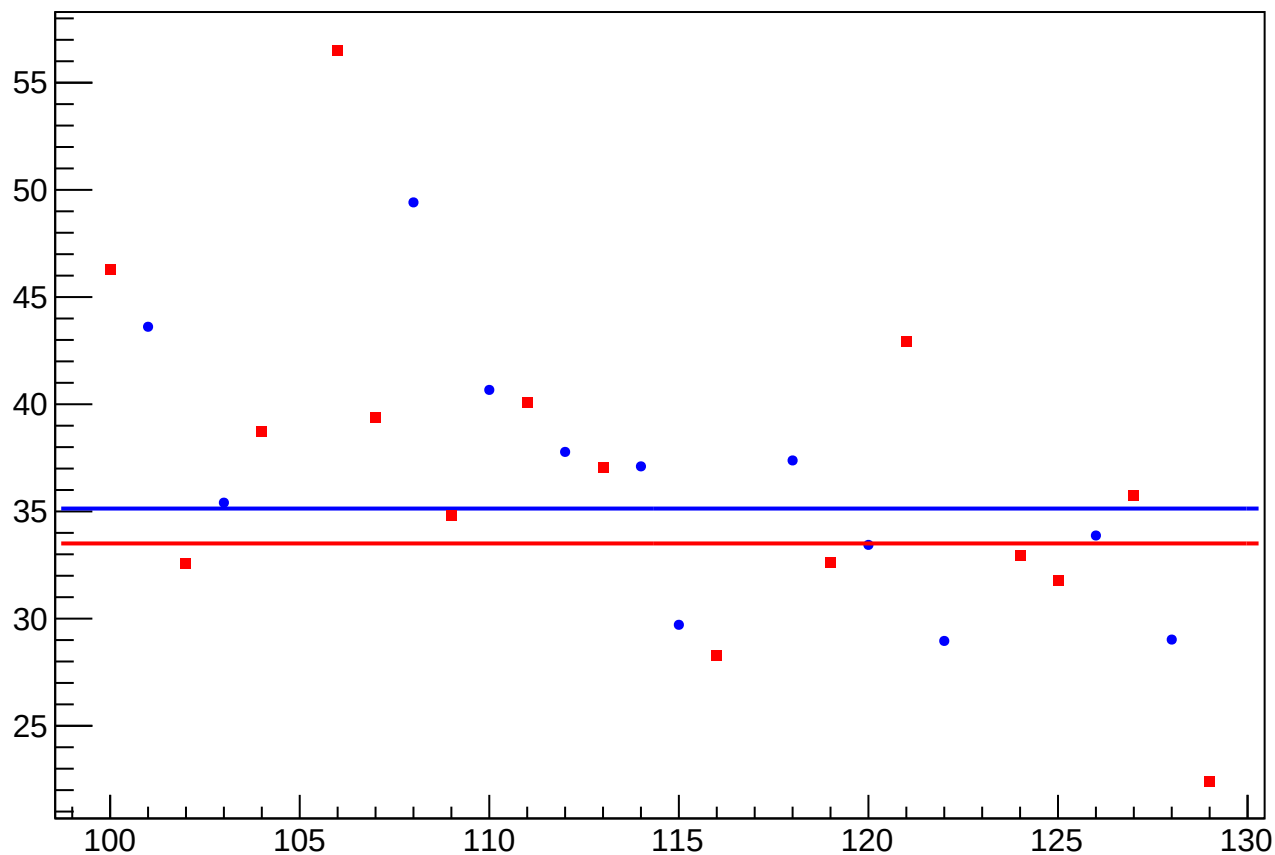
Right: 0.005 $\pm$ 0.011 χ^2 /NDF: 26.2/26

In: 0.017 $\pm$ 0.016 χ^2 /NDF:11.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.005 $\pm$ 0.011 χ^2 /NDF: 26.2/26

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.135+/-0.012 χ^2/NDF : 213489.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

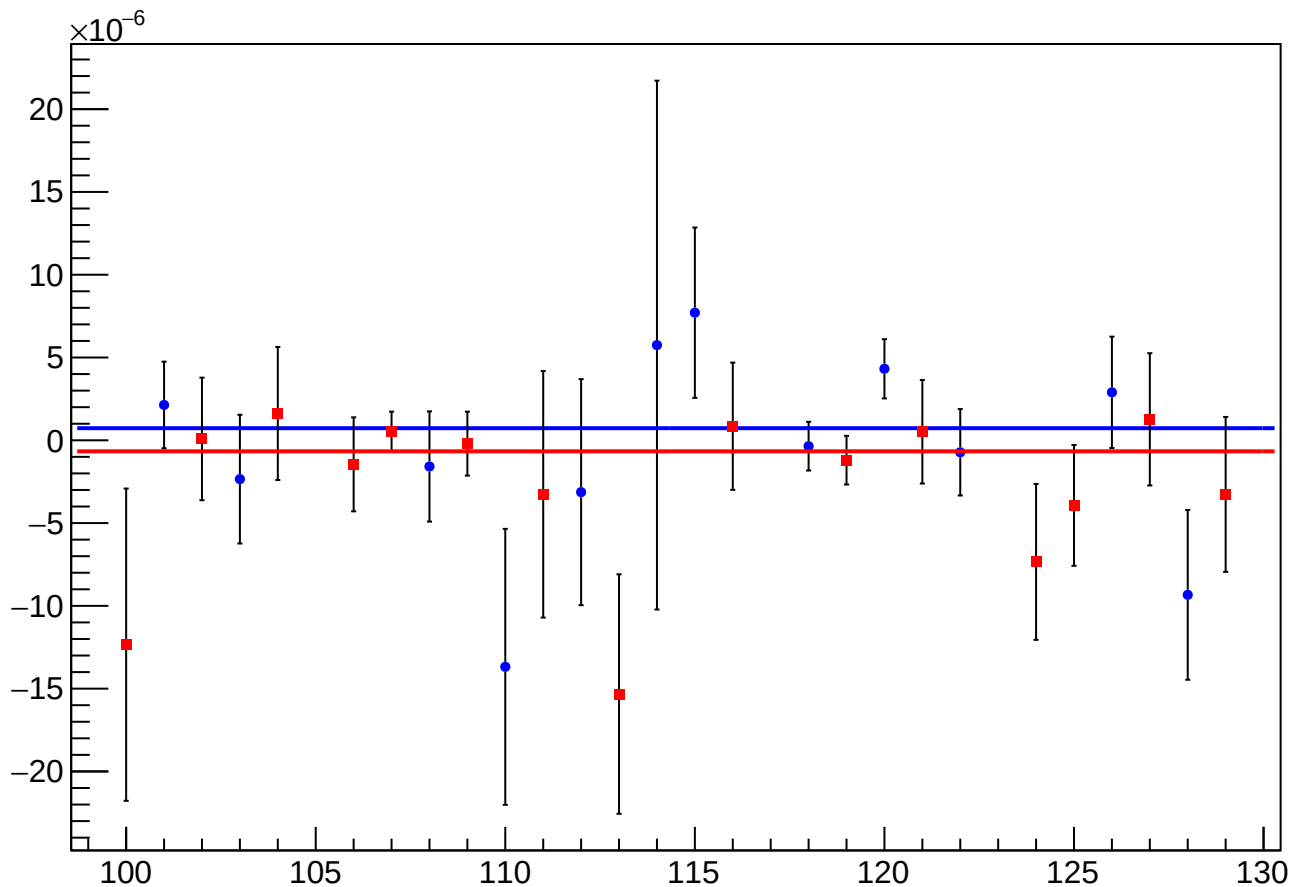
Right: 34.223+/-0.008 χ^2/NDF : 603119.0/26

In: 35.135+/-0.012 χ^2/NDF : 213489.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.223+/-0.008 χ^2/NDF : 603119.0/26

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.8/11

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

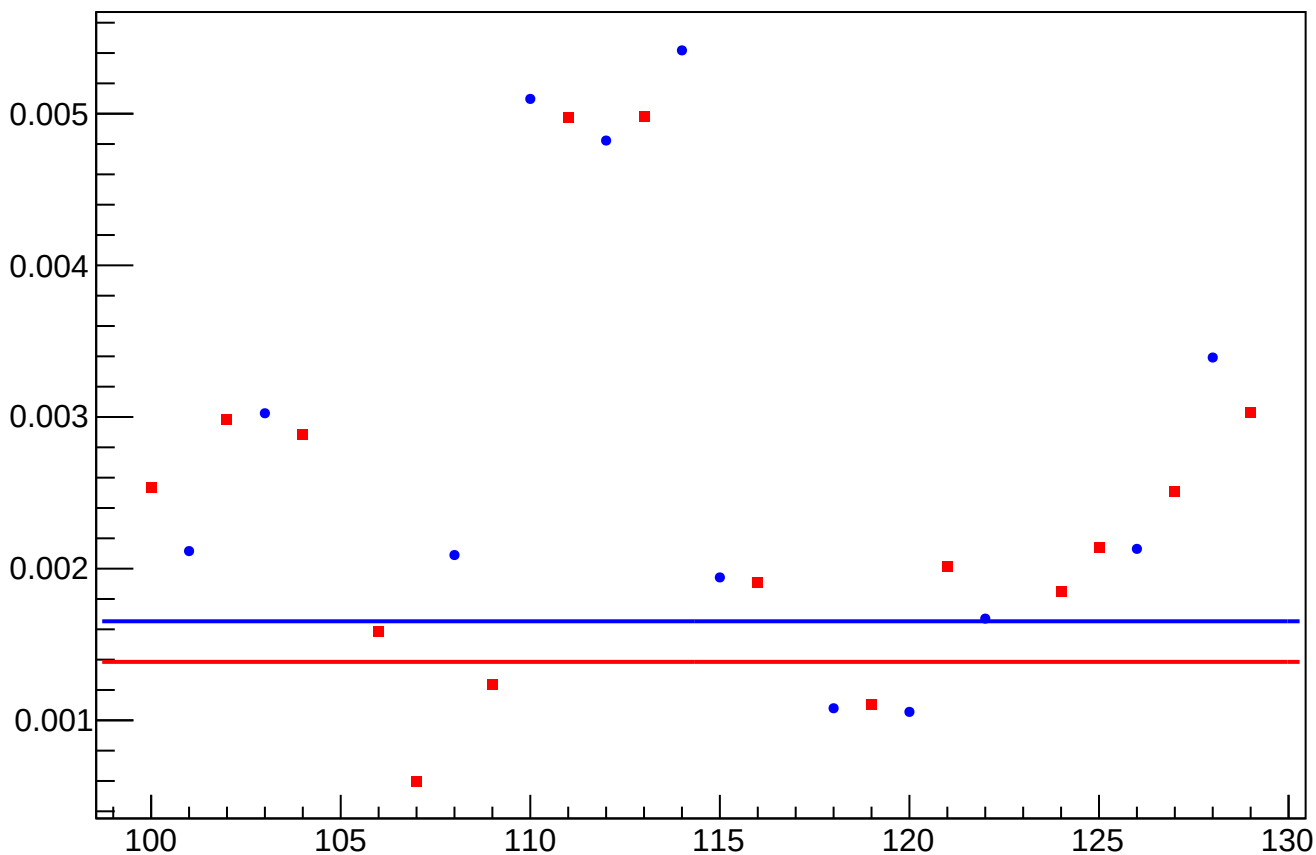
Right: -0.000+/-0.000 χ^2/NDF : 28.5/26

In: 0.000+/-0.000 χ^2/NDF : 15.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.5/26

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2034304.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 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

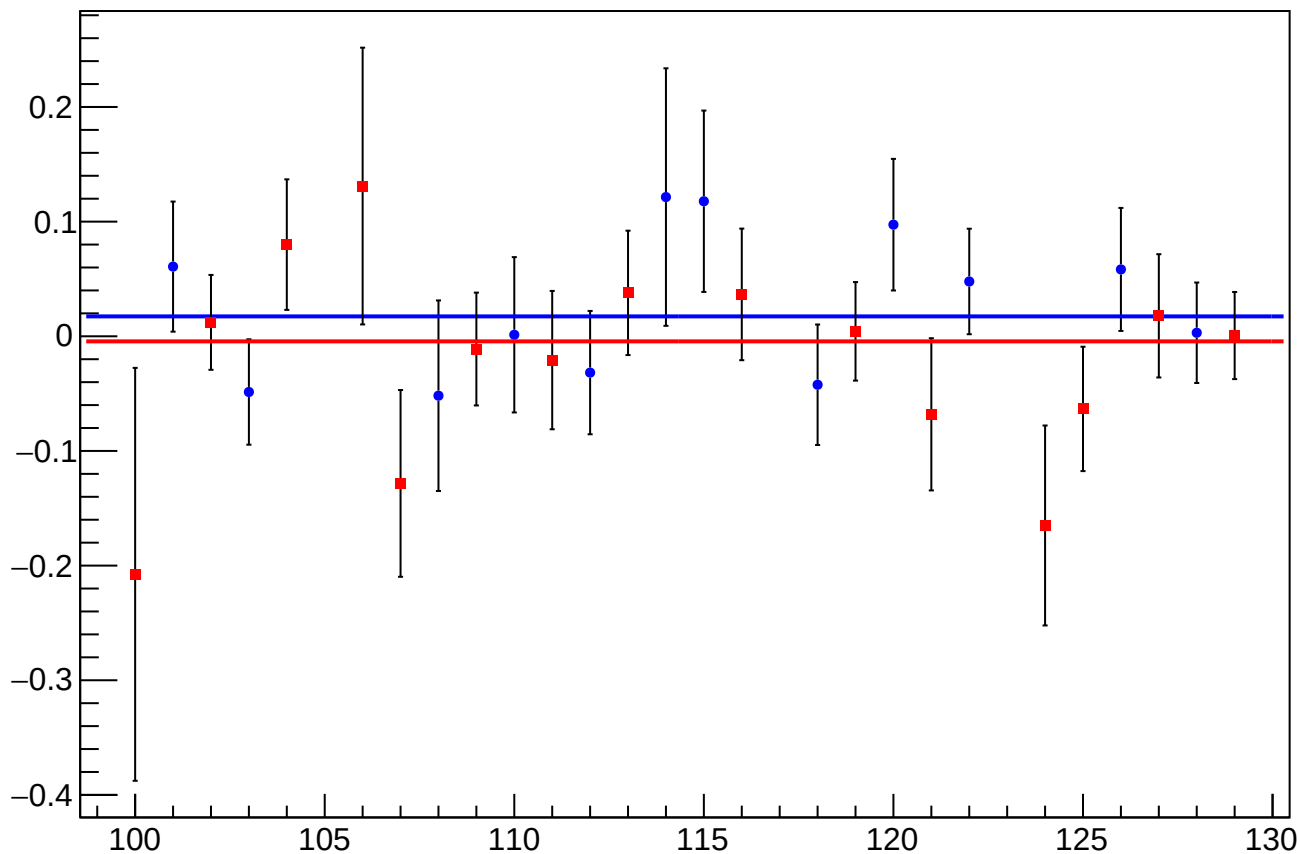
Right: 0.001+/-0.000 χ^2/NDF : 5366319.2/26

In: 0.002+/-0.000 χ^2/NDF : 2034304.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5366319.2/26

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017 $\pm$ 0.016 χ^2 /NDF: 11.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 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

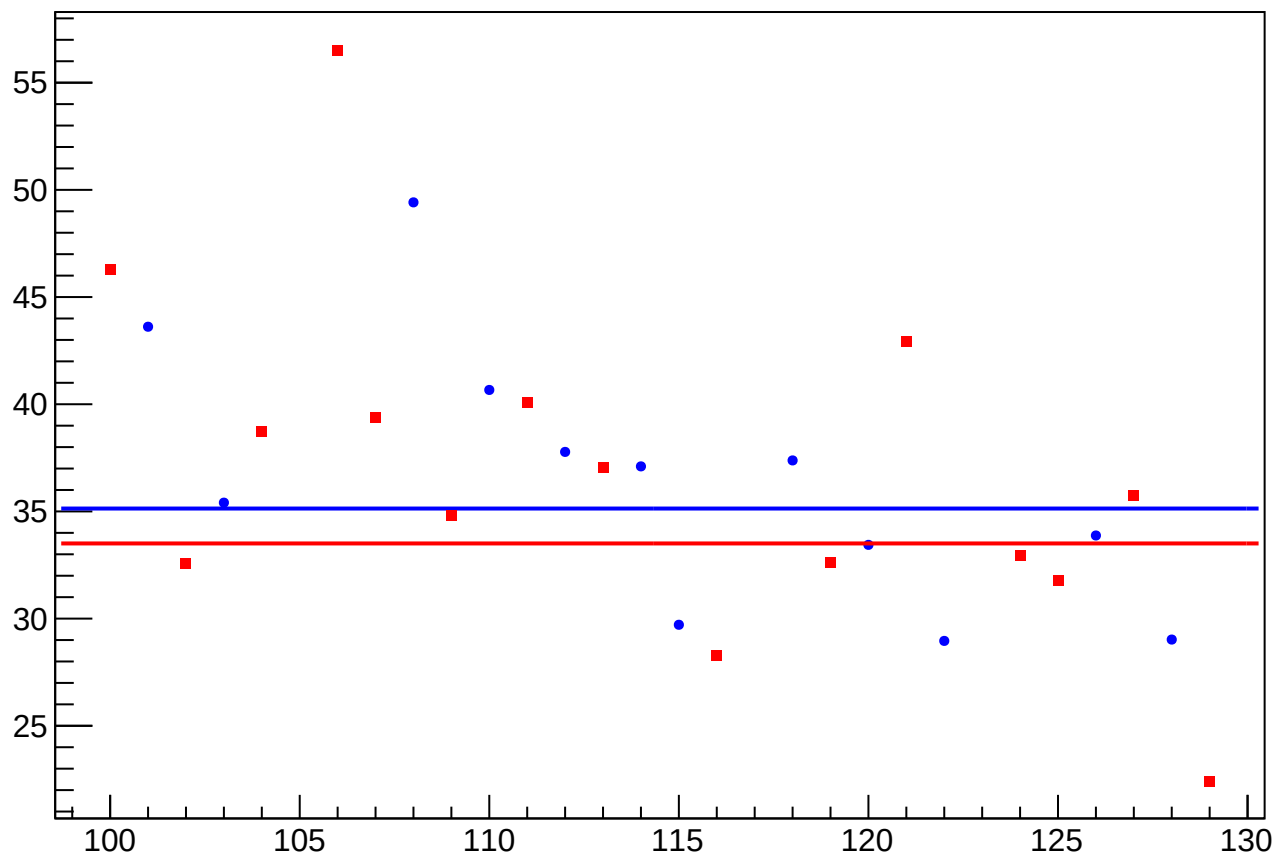
Right: 0.005 $\pm$ 0.011 χ^2 /NDF: 26.2/26

In: 0.017 $\pm$ 0.016 χ^2 /NDF:11.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.005 $\pm$ 0.011 χ^2 /NDF: 26.2/26

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.134+/-0.012 χ^2/NDF : 213492.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

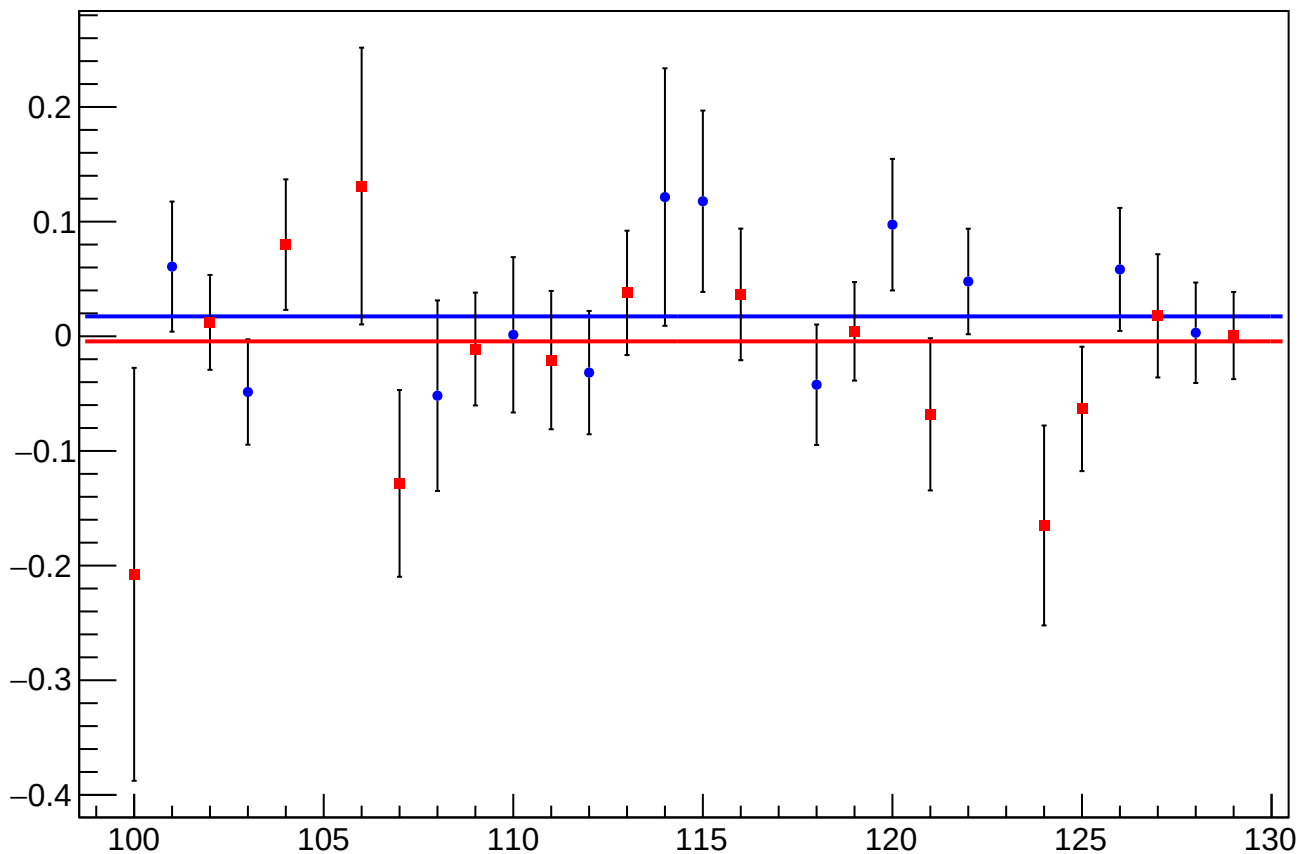
Right: 34.223+/-0.008 χ^2/NDF : 603159.4/26

In: 35.134+/-0.012 χ^2/NDF : 213492.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.223+/-0.008 χ^2/NDF : 603159.4/26

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.016 χ^2/NDF : 11.1/11

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

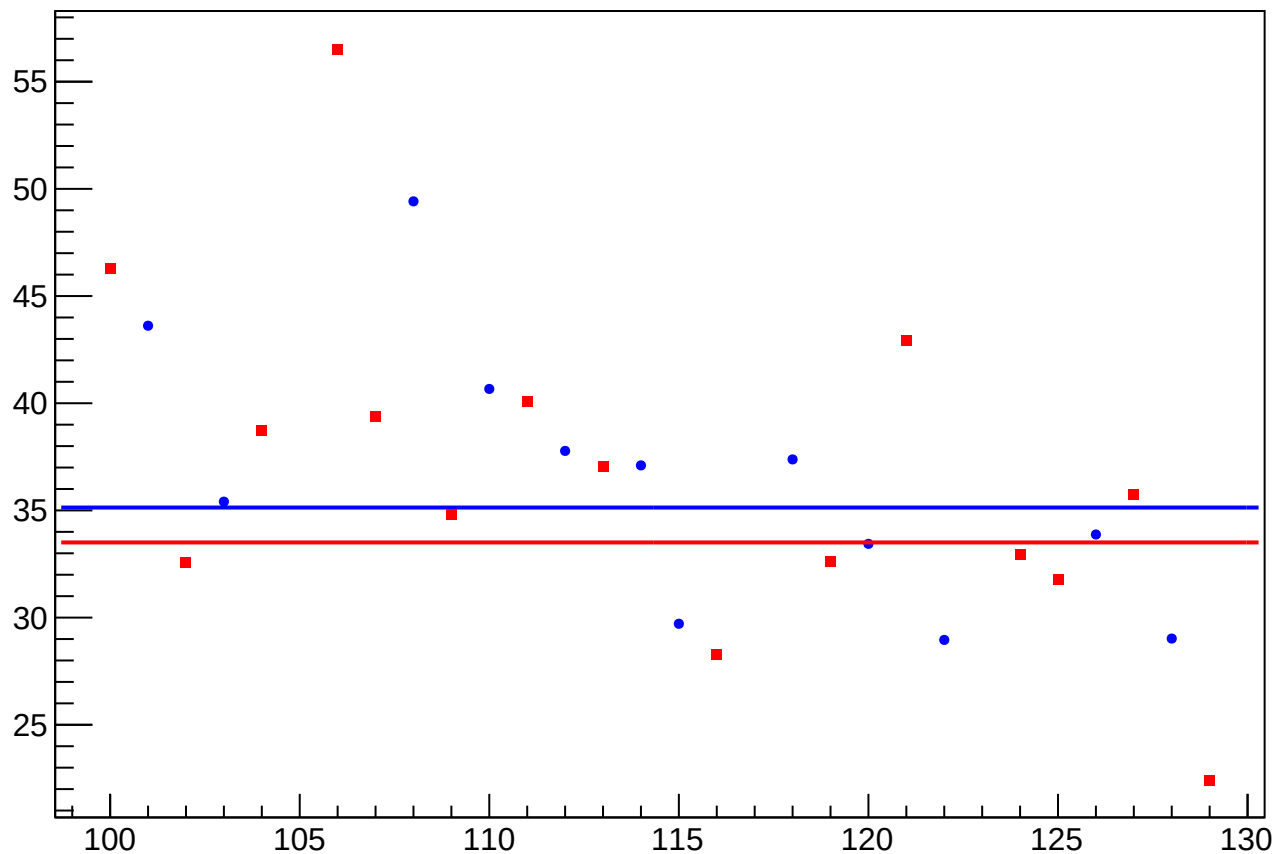
Right: 0.005+/-0.011 χ^2/NDF : 26.2/26

In: 0.017+/-0.016 χ^2/NDF : 11.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.011 χ^2/NDF : 26.2/26

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.134+/-0.012 χ^2/NDF : 213492.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

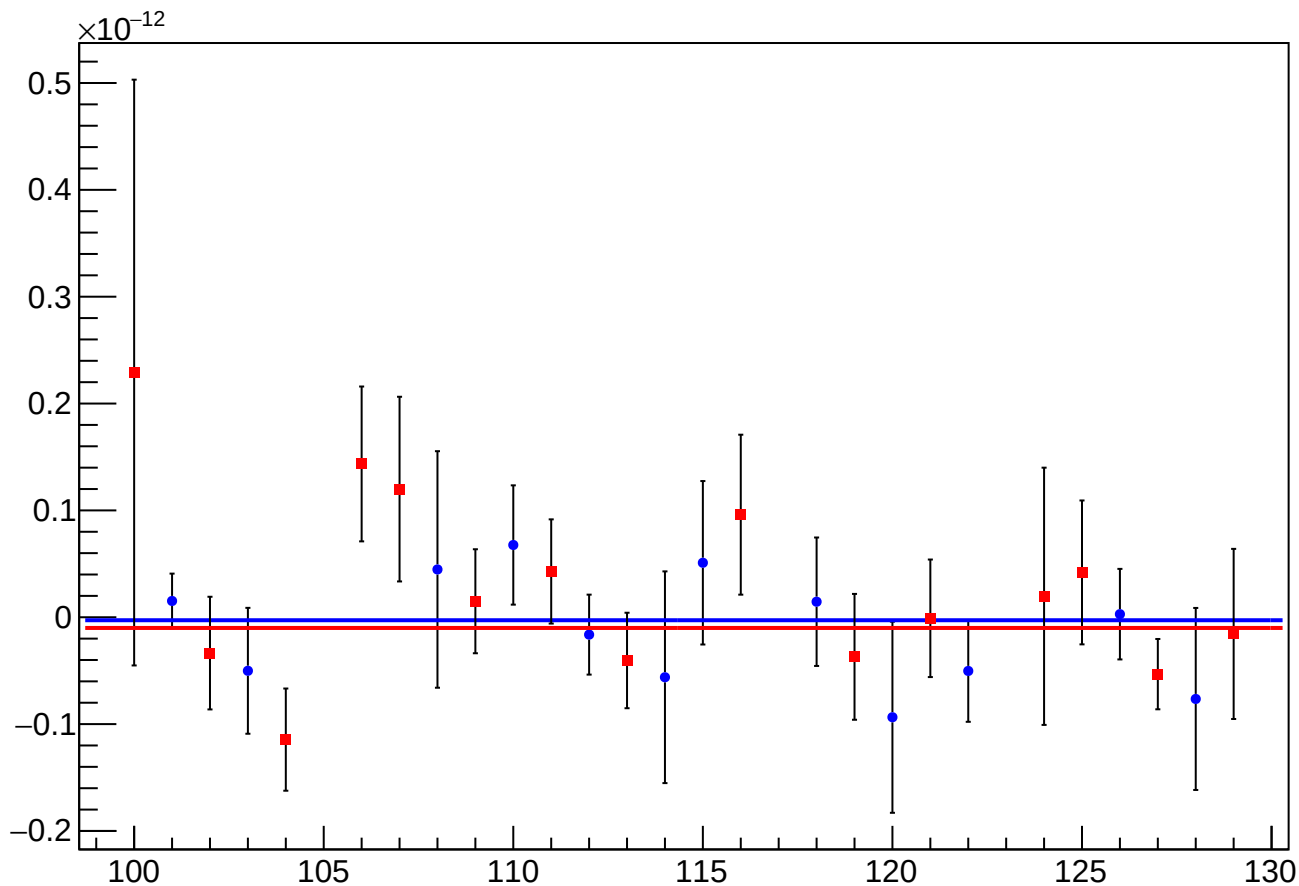
Right: 34.223+/-0.008 χ^2/NDF : 603159.4/26

In: 35.134+/-0.012 χ^2/NDF : 213492.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.223+/-0.008 χ^2/NDF : 603159.4/26

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.7/11

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

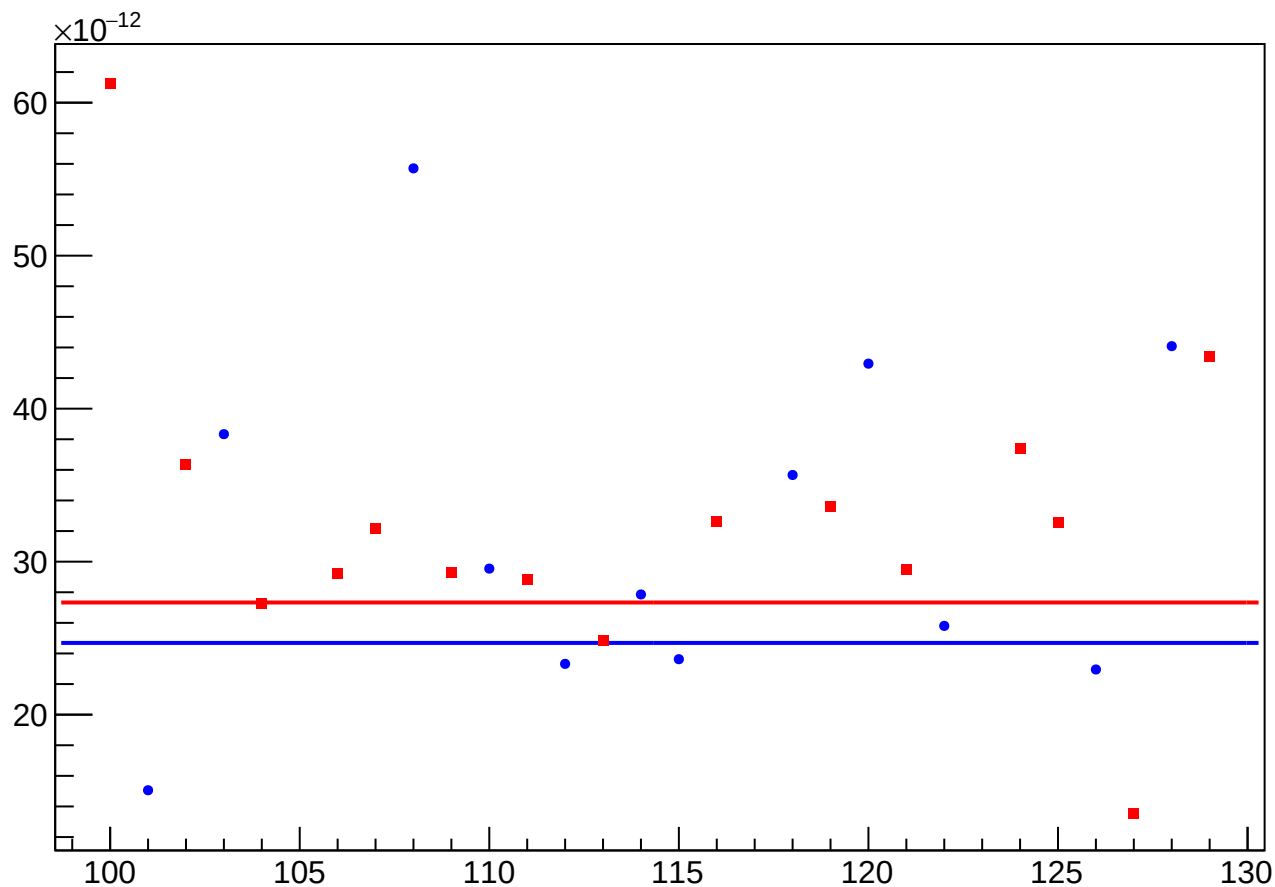
Right: -0.000+/-0.000 χ^2/NDF : 25.8/26

In: -0.000+/-0.000 χ^2/NDF : 6.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.8/26

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 825860.1/11

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

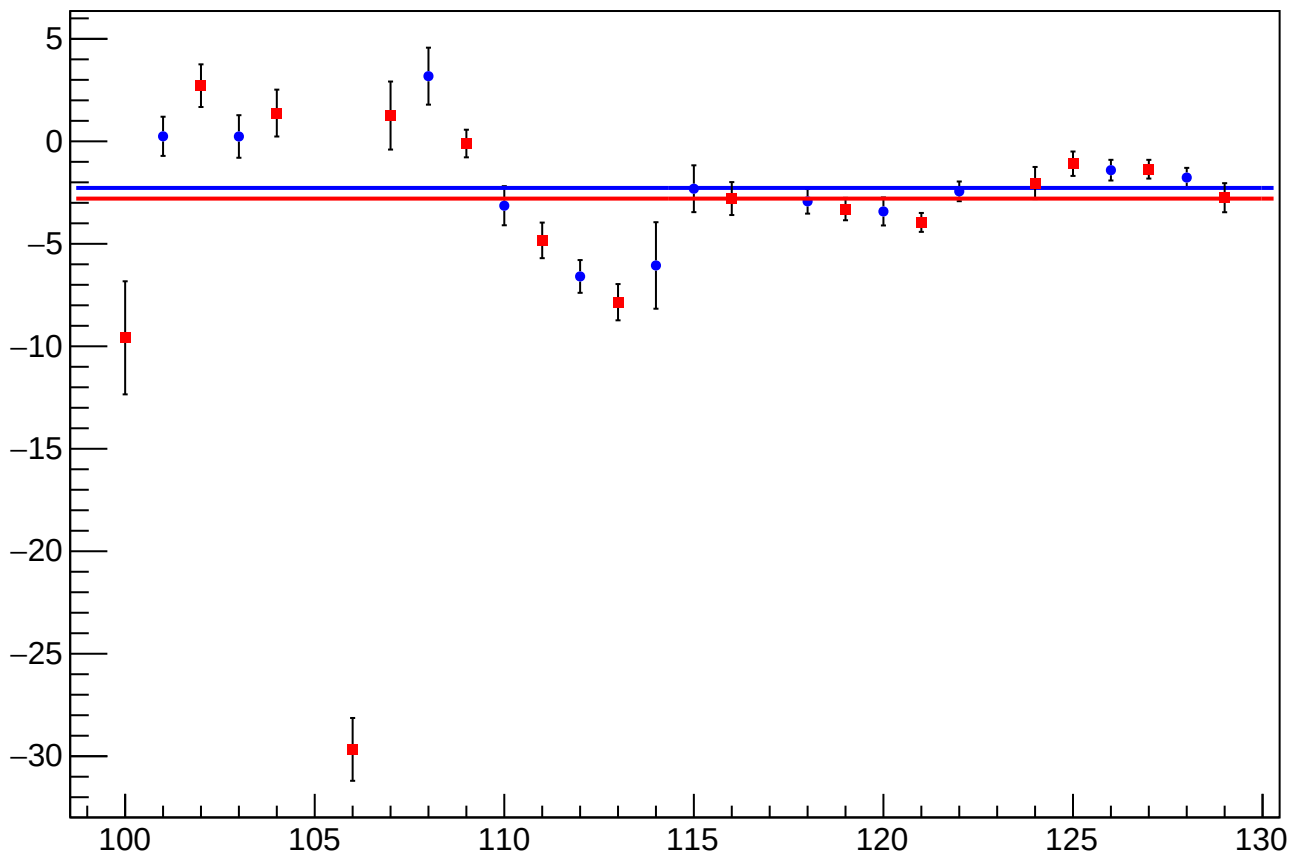
Right: 0.000+/-0.000 χ^2/NDF : 1461490.2/26

In: 0.000+/-0.000 χ^2/NDF : 825860.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1461490.2/26

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.273+/-0.205 χ^2/NDF : 69.6/11

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

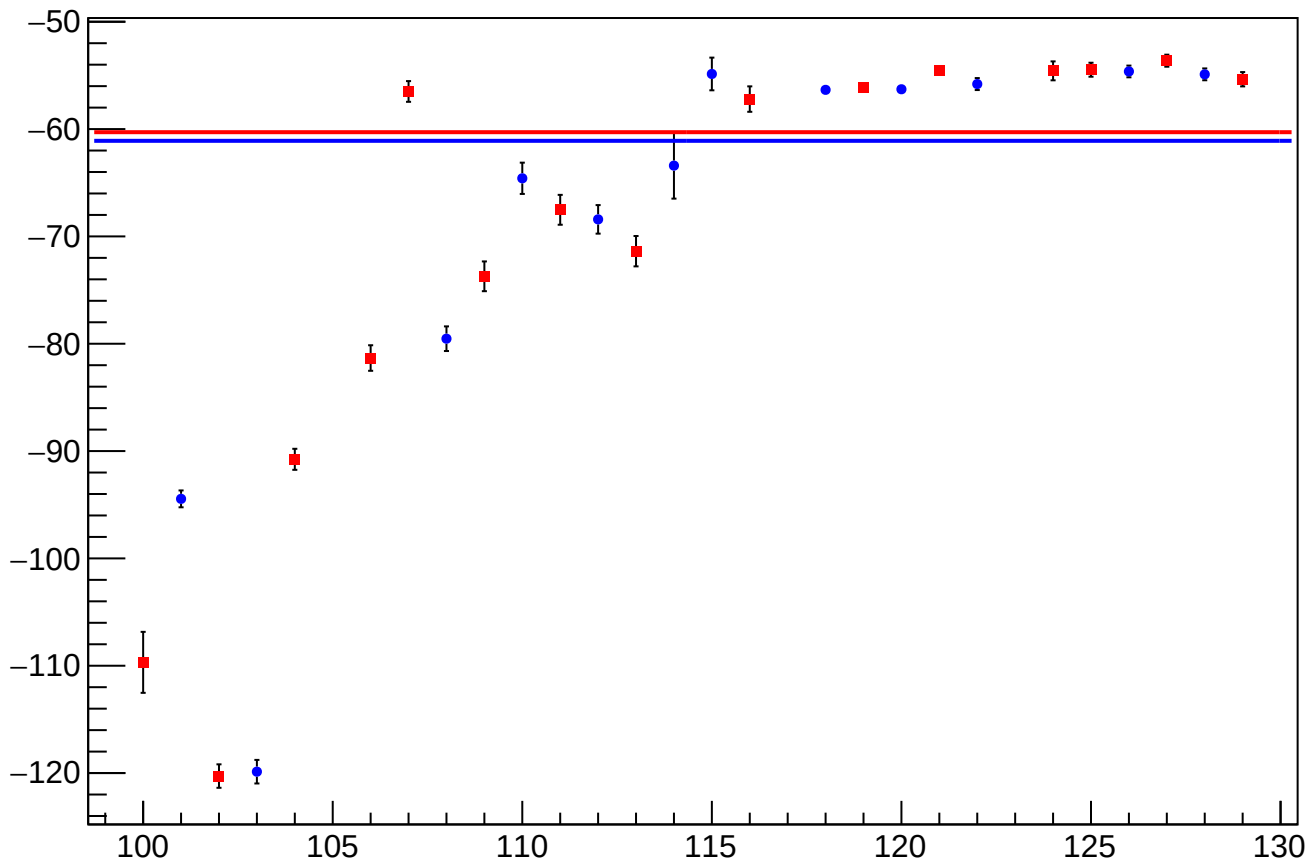
Right: -2.555+/-0.139 χ^2/NDF : 514.2/26

In: -2.273+/-0.205 χ^2/NDF : 69.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.555+/-0.139 χ^2/NDF : 514.2/26

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -61.094 $\pm$ 0.191 χ^2 /NDF: 5630.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -60.290 $\pm$ 0.190 χ^2 /NDF: 5404.7/14

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

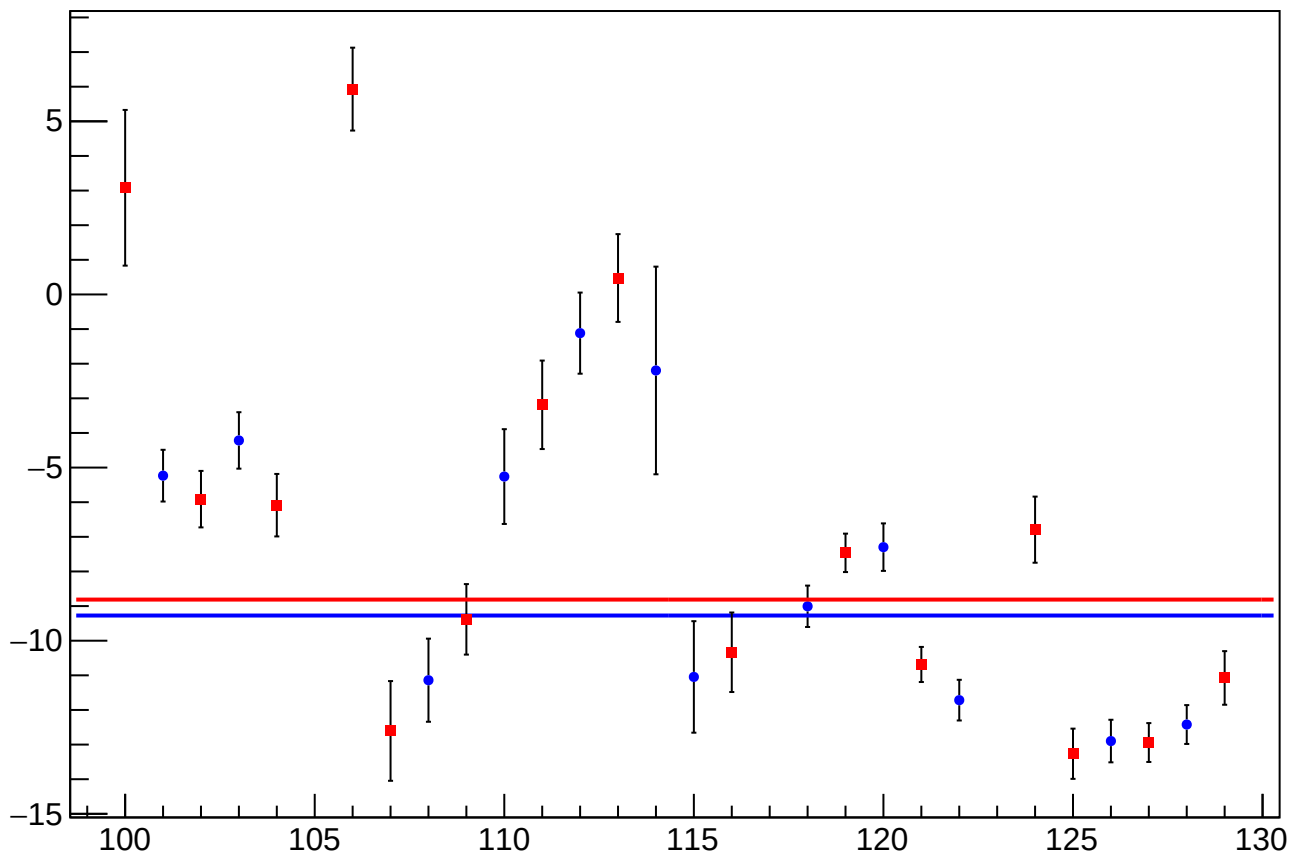
Right: -60.691 $\pm$ 0.135 χ^2 /NDF: 11044.2/26

In: -61.094 $\pm$ 0.191 χ^2 /NDF:5630.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -60.691 $\pm$ 0.135 χ^2 /NDF: 11044.2/26

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -9.273 ± 0.227 χ^2/NDF : 226.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.812 ± 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

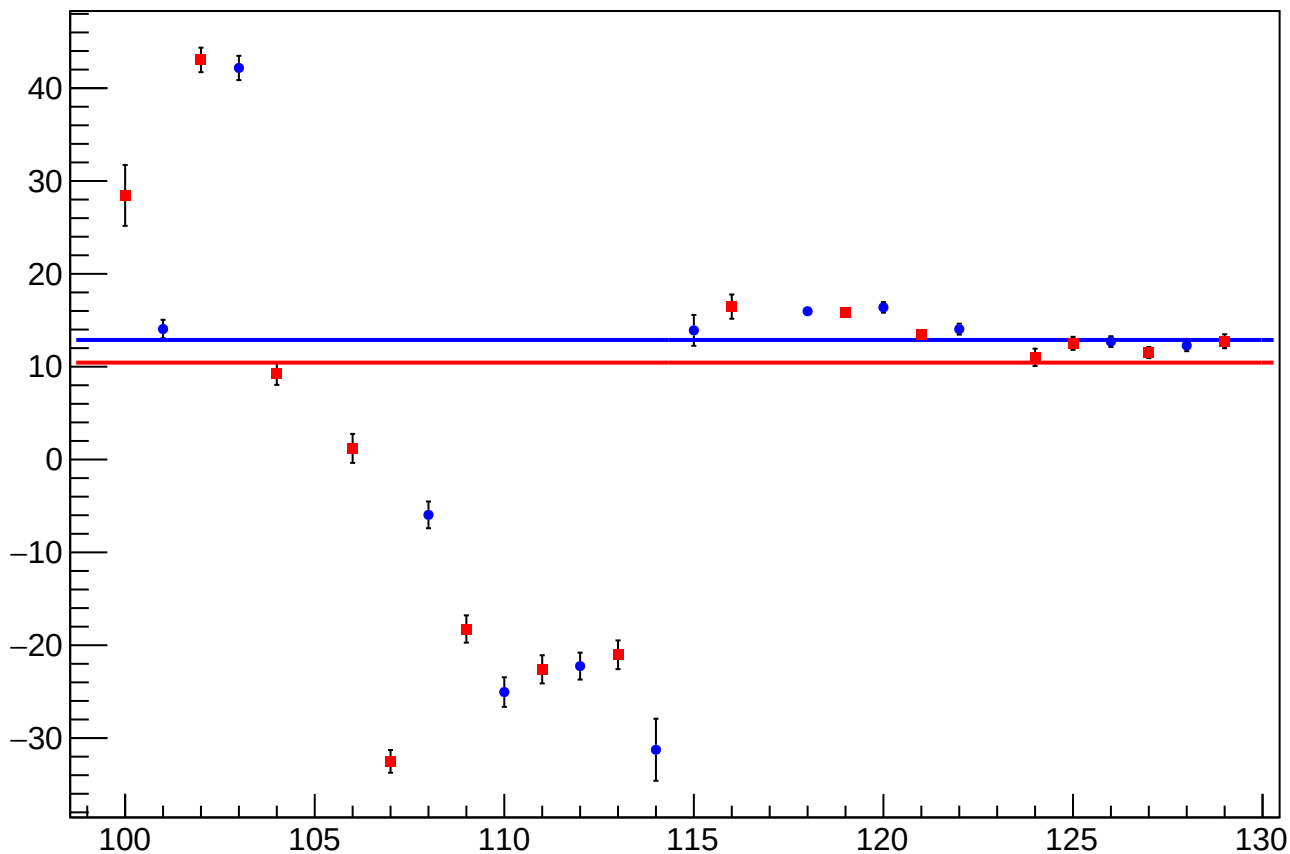
Right: -9.028 ± 0.155 χ^2/NDF : 636.2/26

In: -9.273 ± 0.227 χ^2/NDF : 226.1/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.028 ± 0.155 χ^2/NDF : 636.2/26

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 12.881+/-0.226 χ^2/NDF : 2085.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.439+/-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

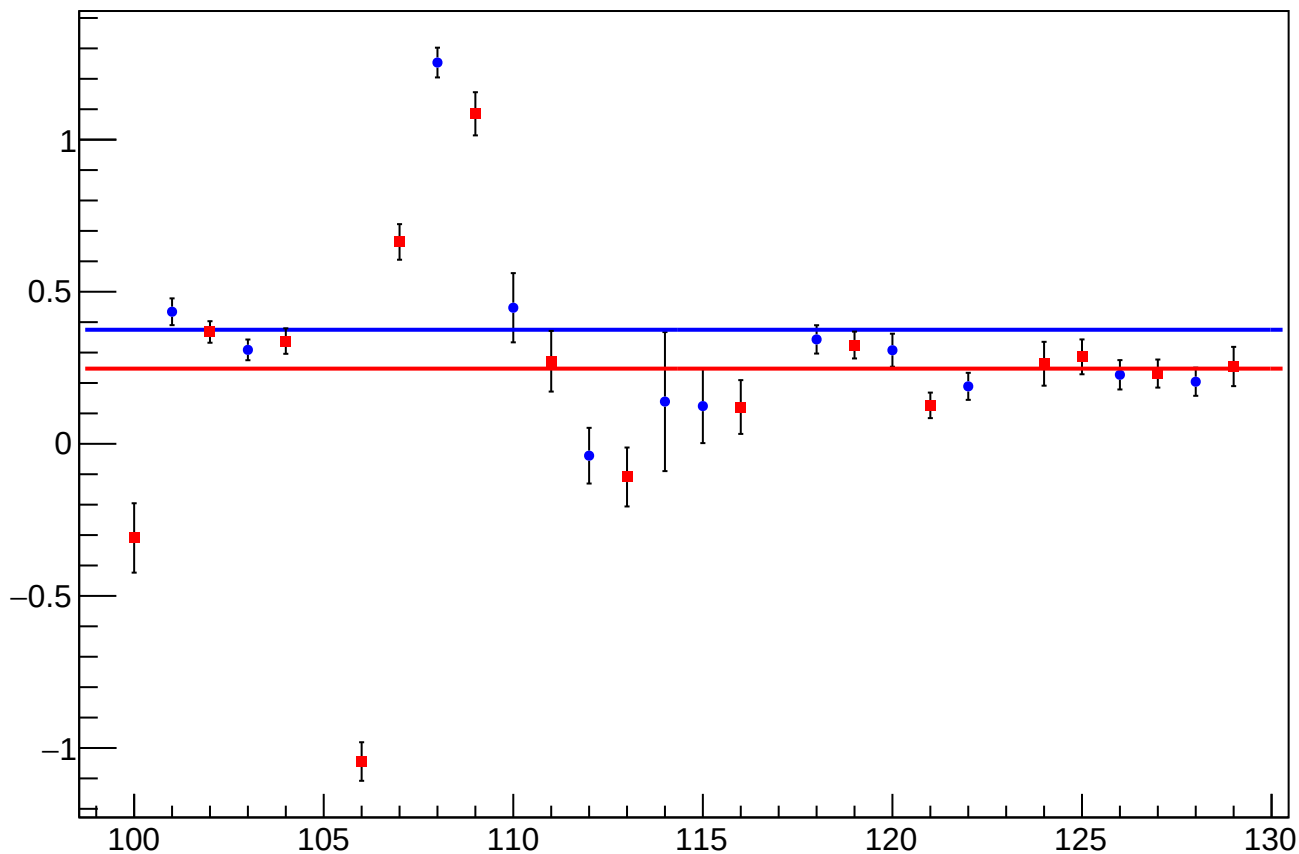
Right: 11.621+/-0.157 χ^2/NDF : 5542.4/26

In: 12.881+/-0.226 χ^2/NDF : 2085.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.621+/-0.157 χ^2/NDF : 5542.4/26

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.375 $\pm$ 0.015 χ^2 /NDF: 396.6/11

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

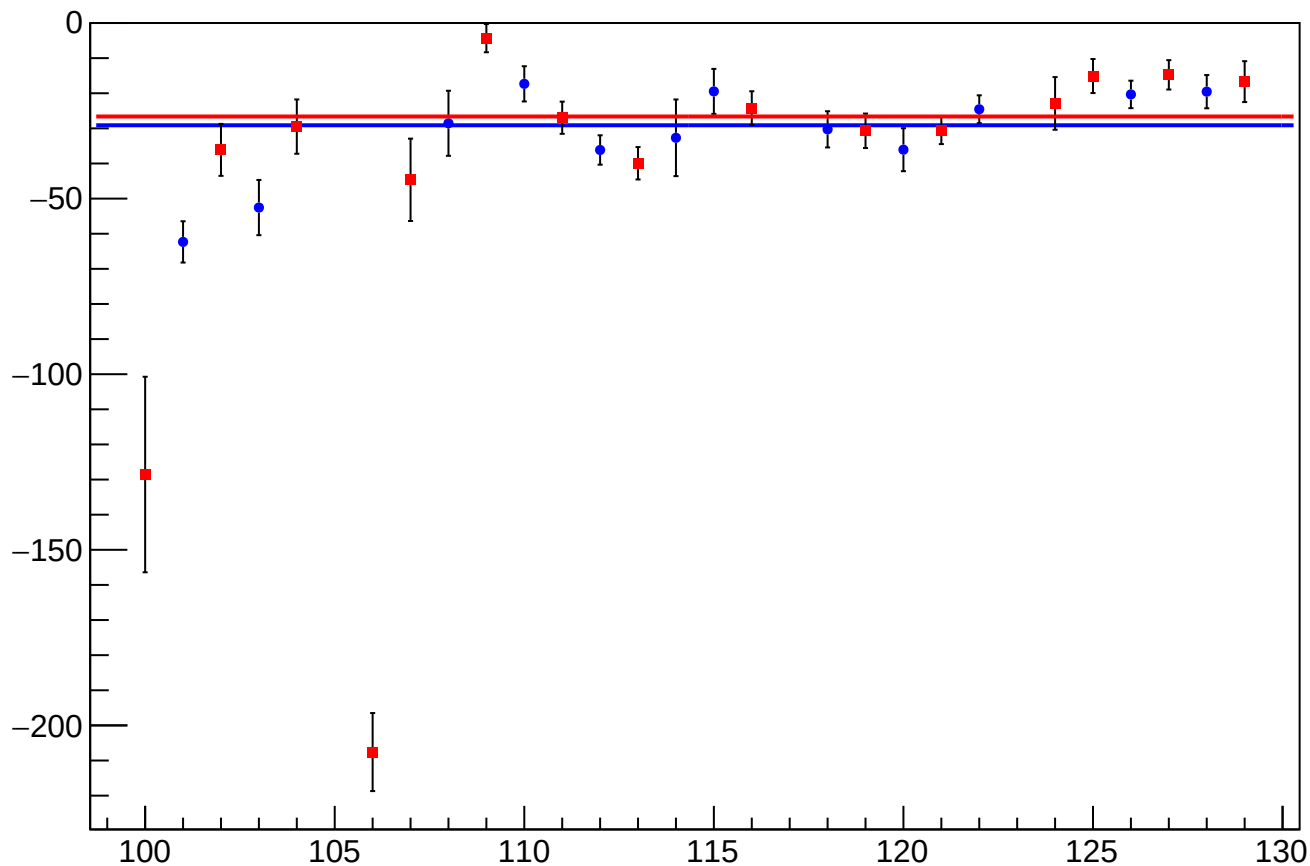
Right: 0.307 $\pm$ 0.010 χ^2 /NDF: 1106.5/26

In: 0.375 $\pm$ 0.015 χ^2 /NDF:396.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.307 $\pm$ 0.010 χ^2 /NDF: 1106.5/26

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -29.119+/-1.535 χ^2/NDF : 63.3/11

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

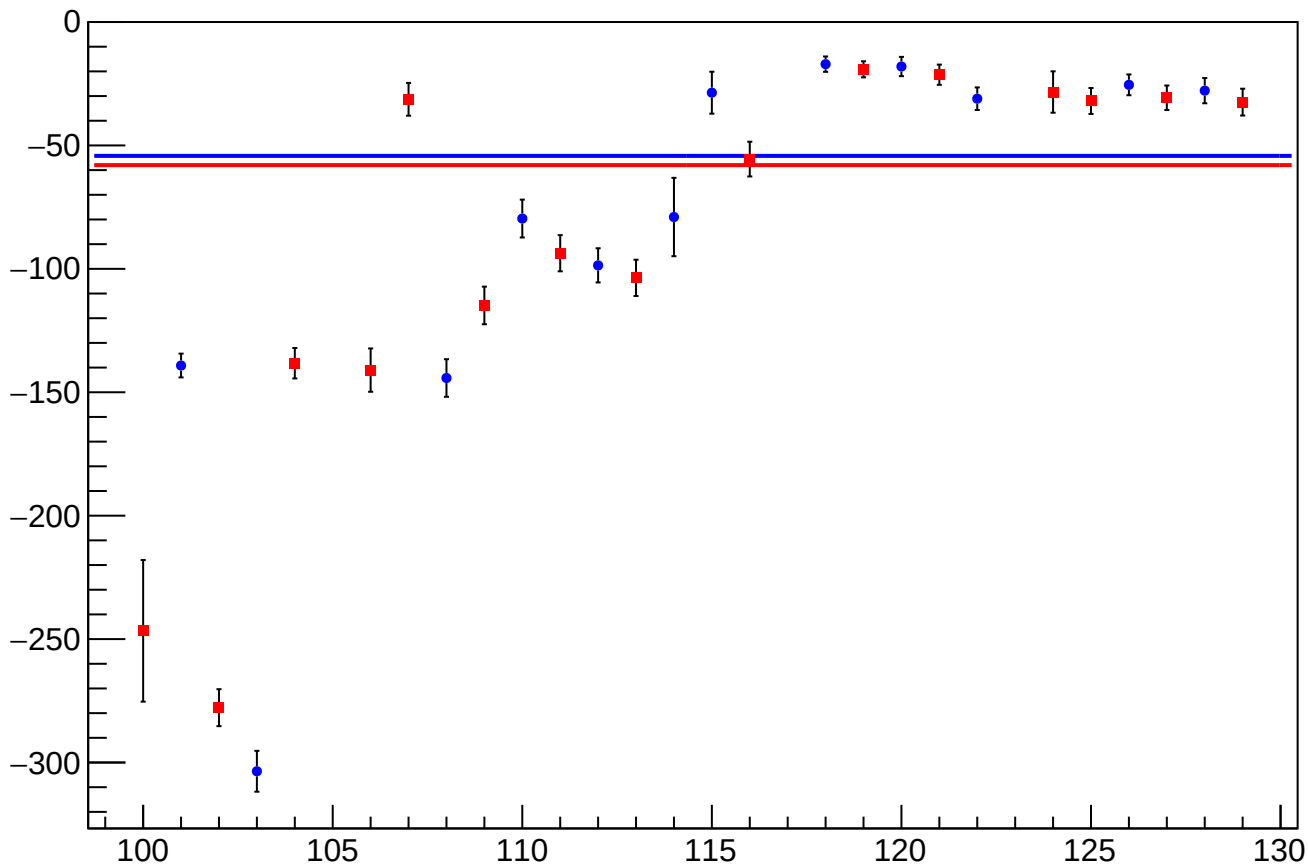
Right: -27.761+/-1.038 χ^2/NDF : 405.5/26

In: -29.119+/-1.535 χ^2/NDF : 63.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.761+/-1.038 χ^2/NDF : 405.5/26

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -54.228+/-1.504 χ^2/NDF : 1749.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -57.979+/-1.517 χ^2/NDF : 1610.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

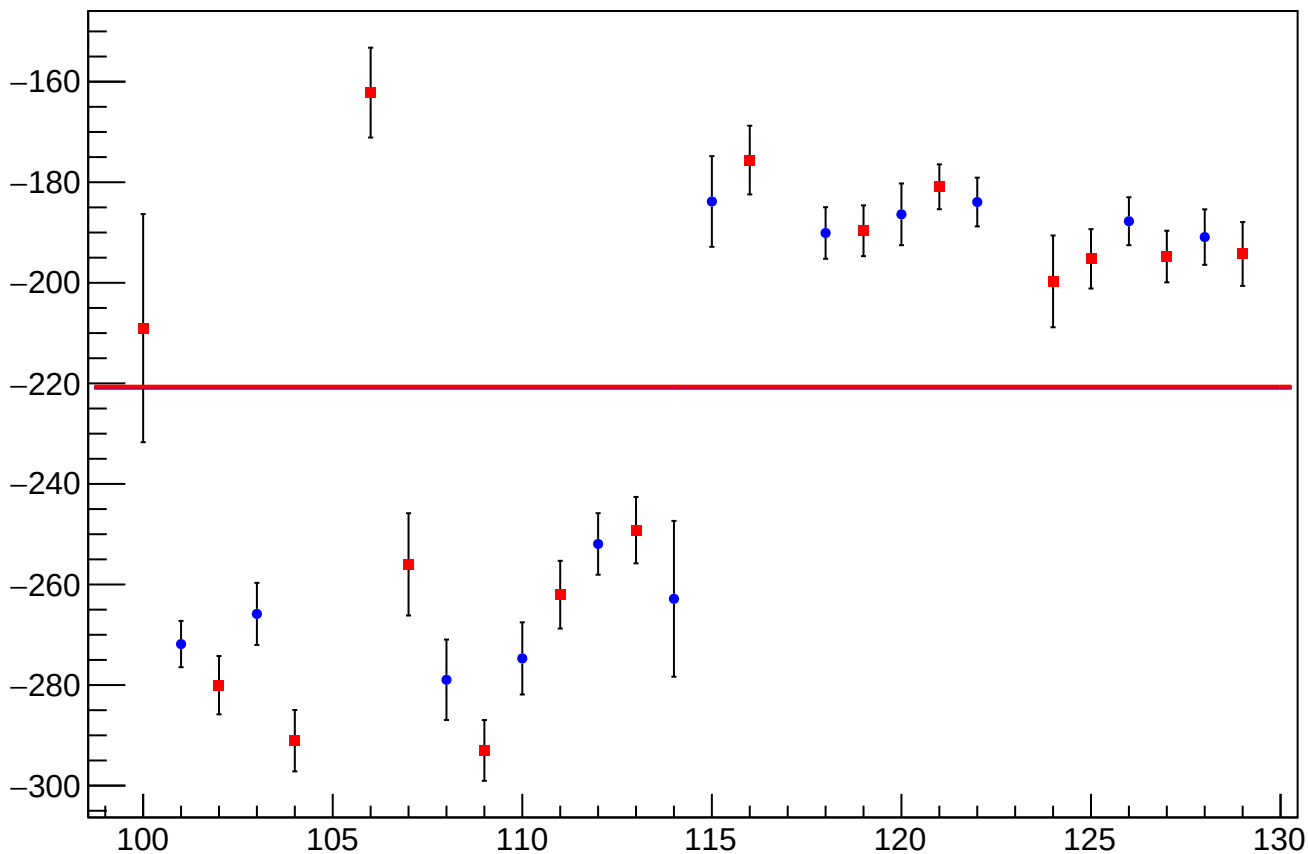
Right: -56.088+/-1.068 χ^2/NDF : 3363.8/26

In: -54.228+/-1.504 χ^2/NDF : 1749.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.088+/-1.068 χ^2/NDF : 3363.8/26

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -220.851+/-1.726 χ^2 /NDF: 538.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -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

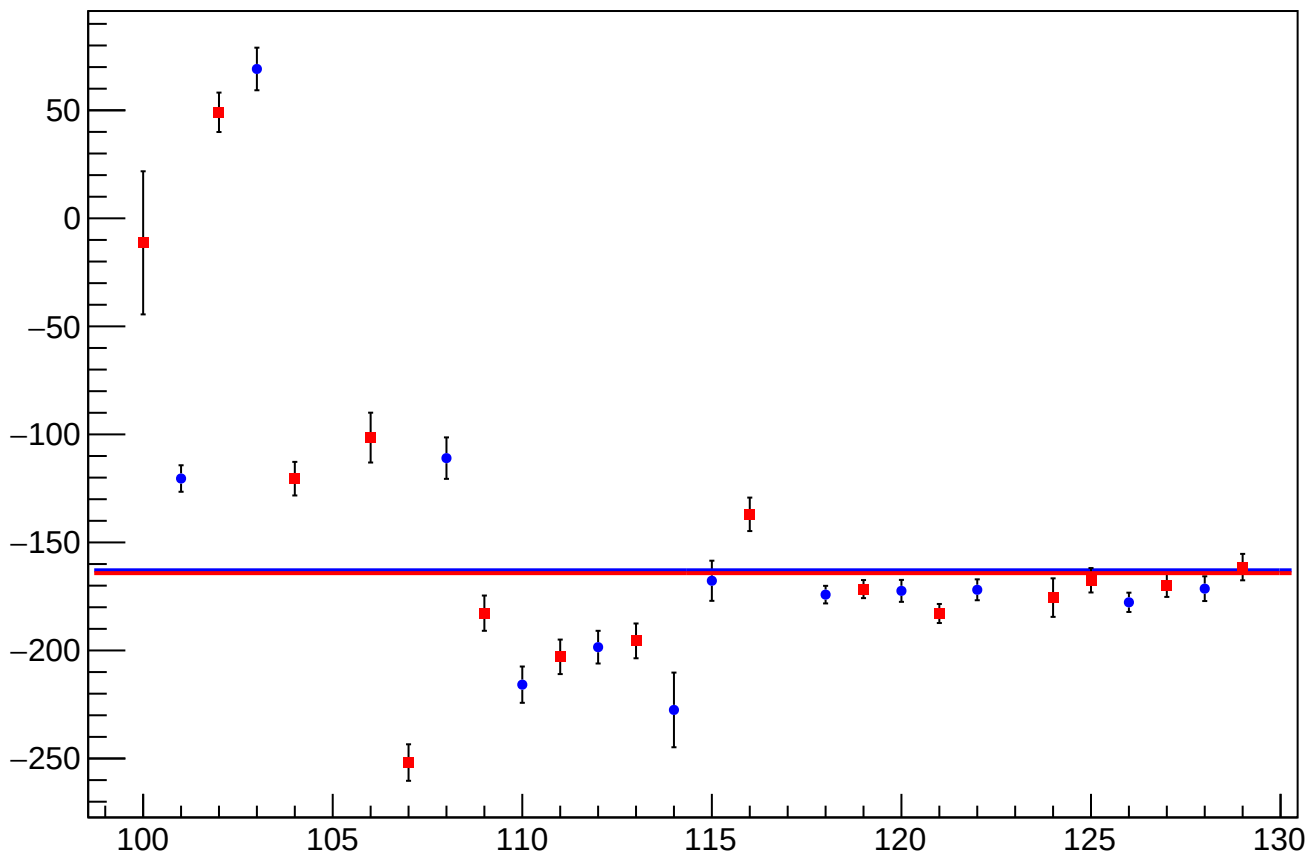
Right: -220.750+/-1.193 χ^2 /NDF: 1258.2/26

In: -220.851+/-1.726 χ^2 /NDF:538.0/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -220.750+/-1.193 χ^2 /NDF: 1258.2/26

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -162.905+/-1.776 χ^2 /NDF: 735.3/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -164.216+/-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

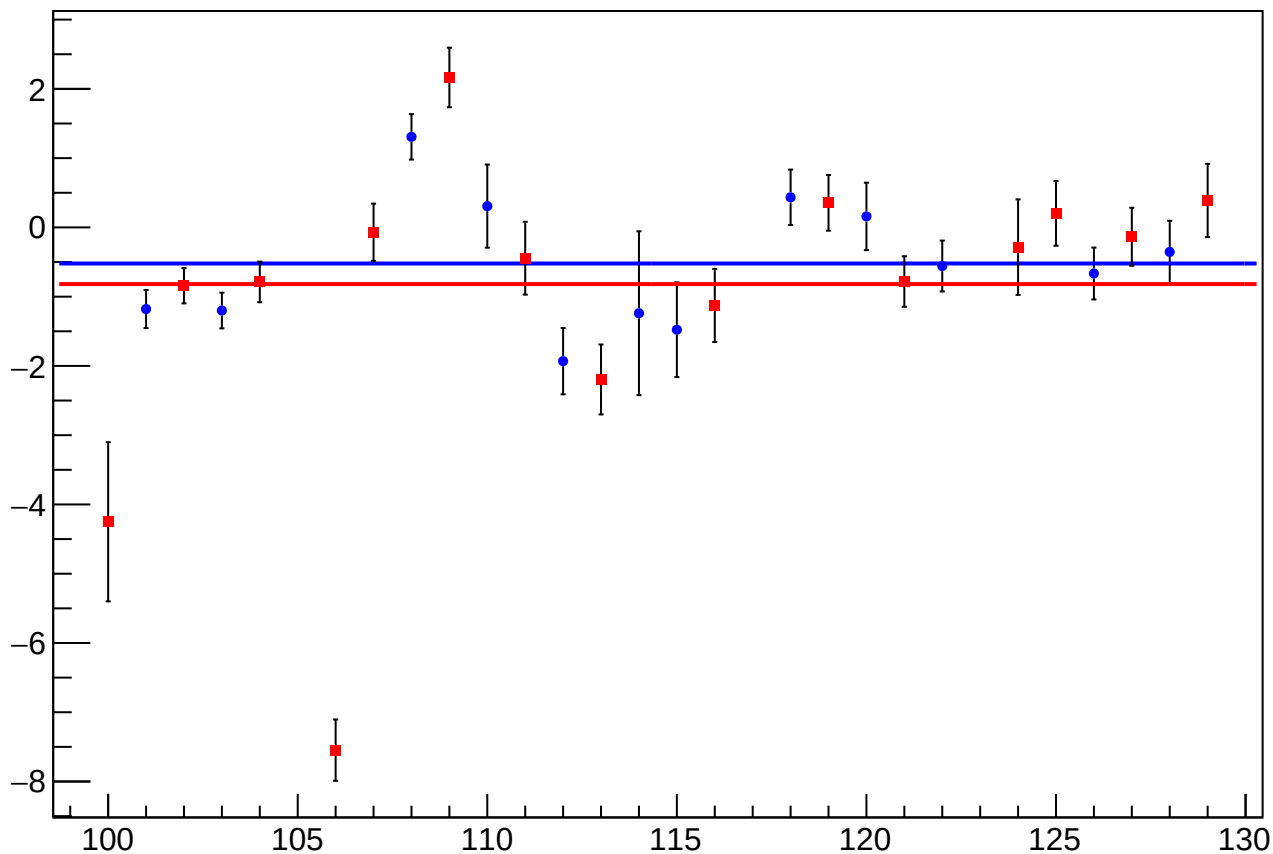
Right: -163.572+/-1.245 χ^2 /NDF: 1553.1/26

In: -162.905+/-1.776 χ^2 /NDF:735.3/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -163.572+/-1.245 χ^2 /NDF: 1553.1/26

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.521 ± 0.114 χ^2/NDF : 64.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.818 ± 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

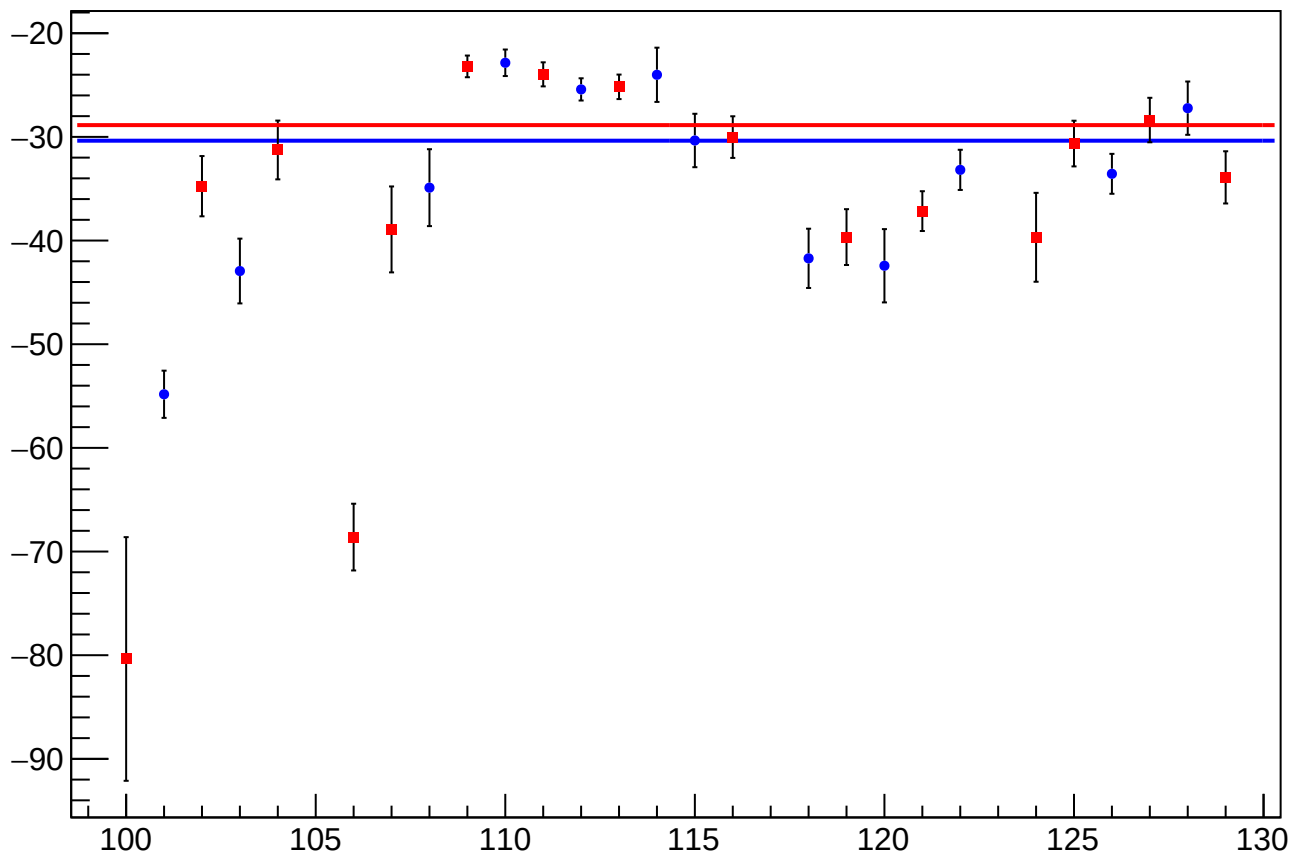
Right: -0.677 ± 0.078 χ^2/NDF : 389.6/26

In: -0.521 ± 0.114 χ^2/NDF : 64.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.677 ± 0.078 χ^2/NDF : 389.6/26

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -30.367 ± 0.574 $\chi^2/\text{NDF}: 228.5/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -28.864 ± 0.496 $\chi^2/\text{NDF}: 285.4/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

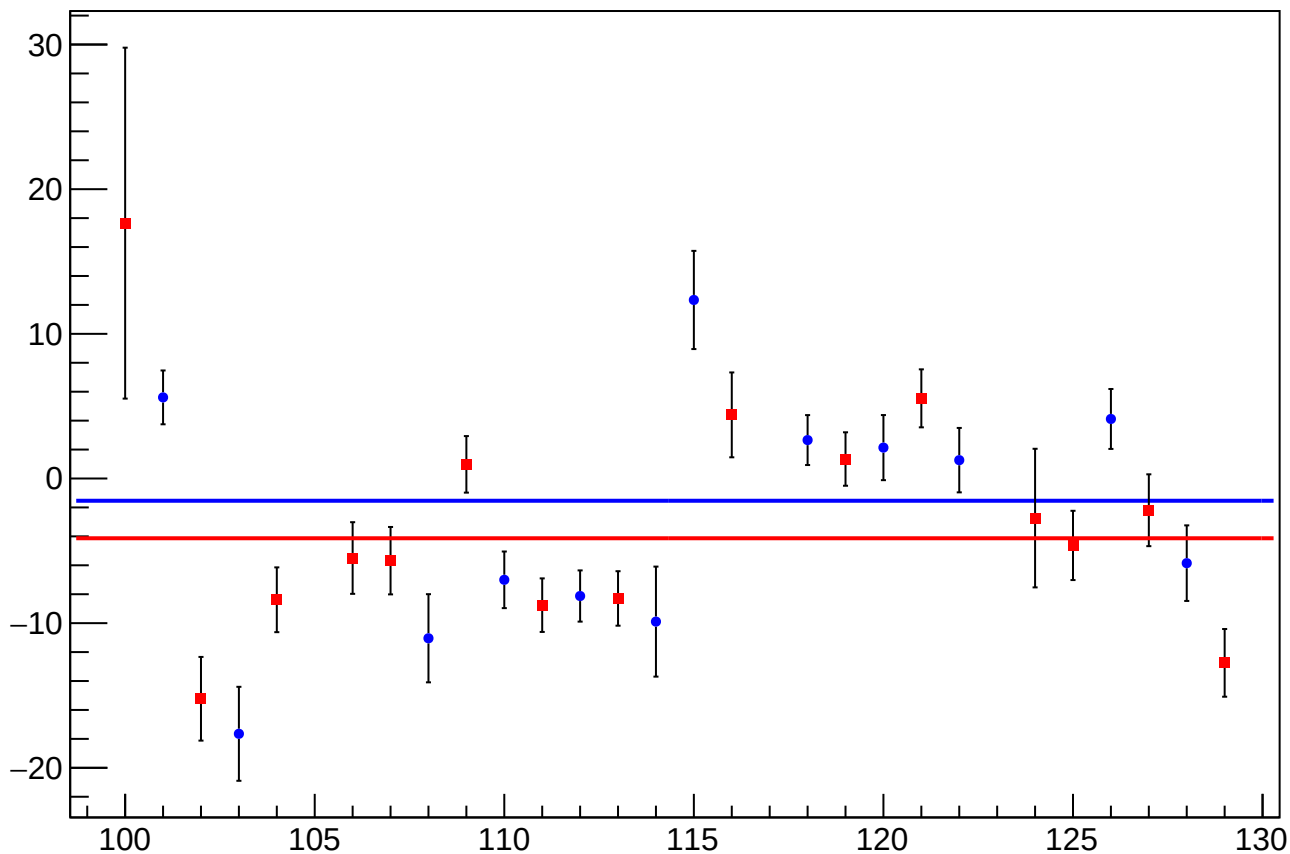
Right: -29.506 ± 0.375 $\chi^2/\text{NDF}: 517.9/26$

In: -30.367 ± 0.574 $\chi^2/\text{NDF}: 228.5/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -29.506 ± 0.375 $\chi^2/\text{NDF}: 517.9/26$

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.538+/-0.653 χ^2/NDF : 112.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

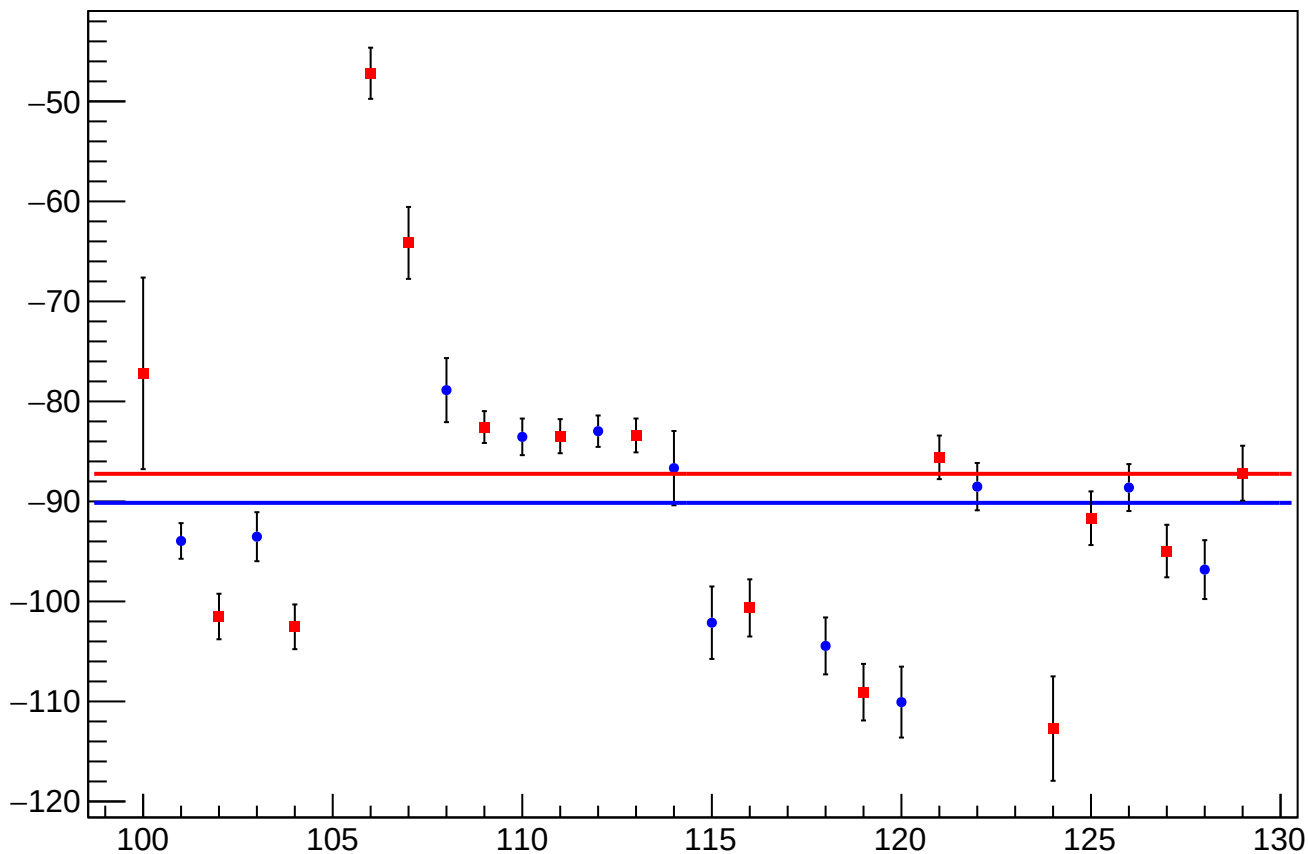
Right: -2.934+/-0.444 χ^2/NDF : 216.1/26

In: -1.538+/-0.653 χ^2/NDF : 112.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.934+/-0.444 χ^2/NDF : 216.1/26

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -90.142 ± 0.688 χ^2/NDF : 127.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -87.240 ± 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

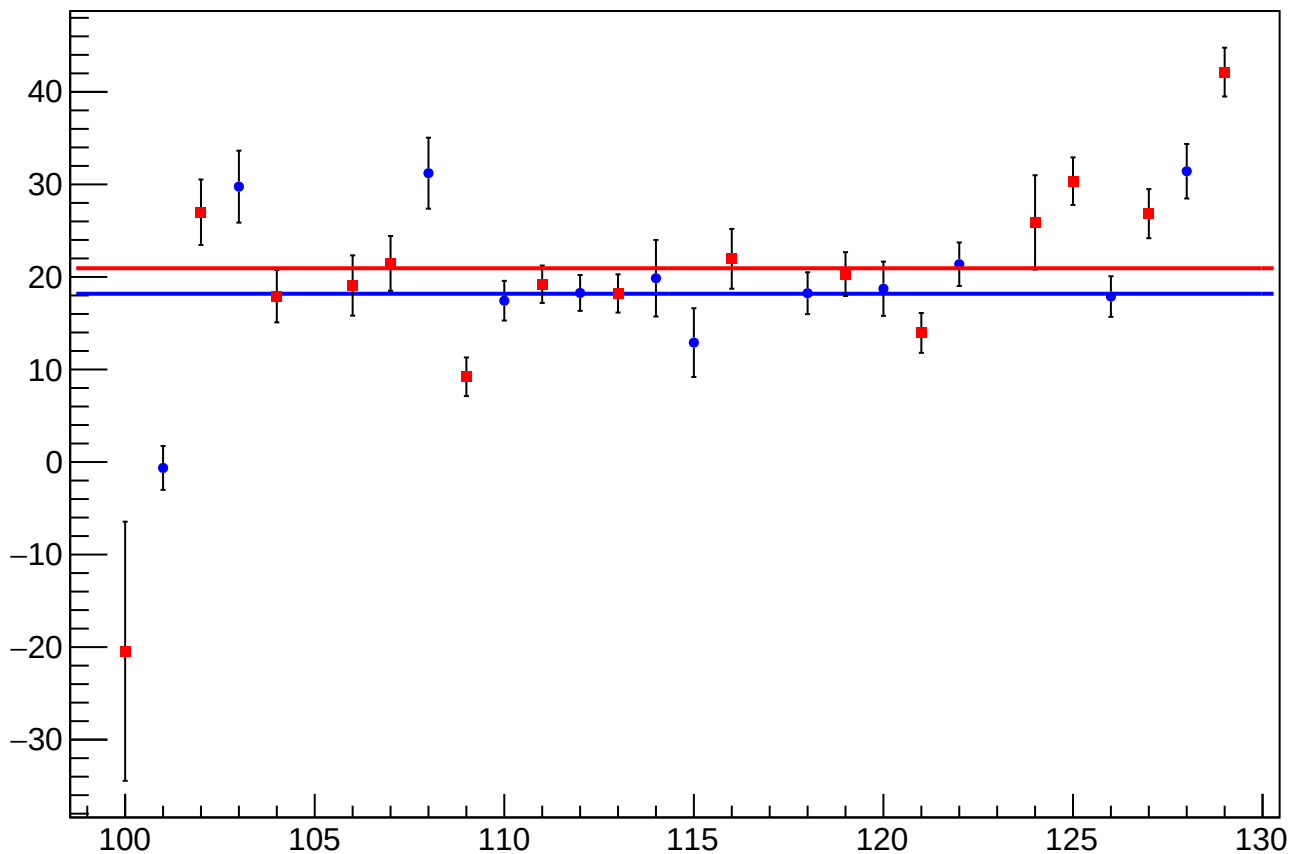
Right: -88.531 ± 0.459 χ^2/NDF : 646.7/26

In: -90.142 ± 0.688 χ^2/NDF : 127.4/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -88.531 ± 0.459 χ^2/NDF : 646.7/26

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 18.185 $\pm$ 0.758 χ^2 /NDF: 107.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 20.940 $\pm$ 0.691 χ^2 /NDF: 141.8/14

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

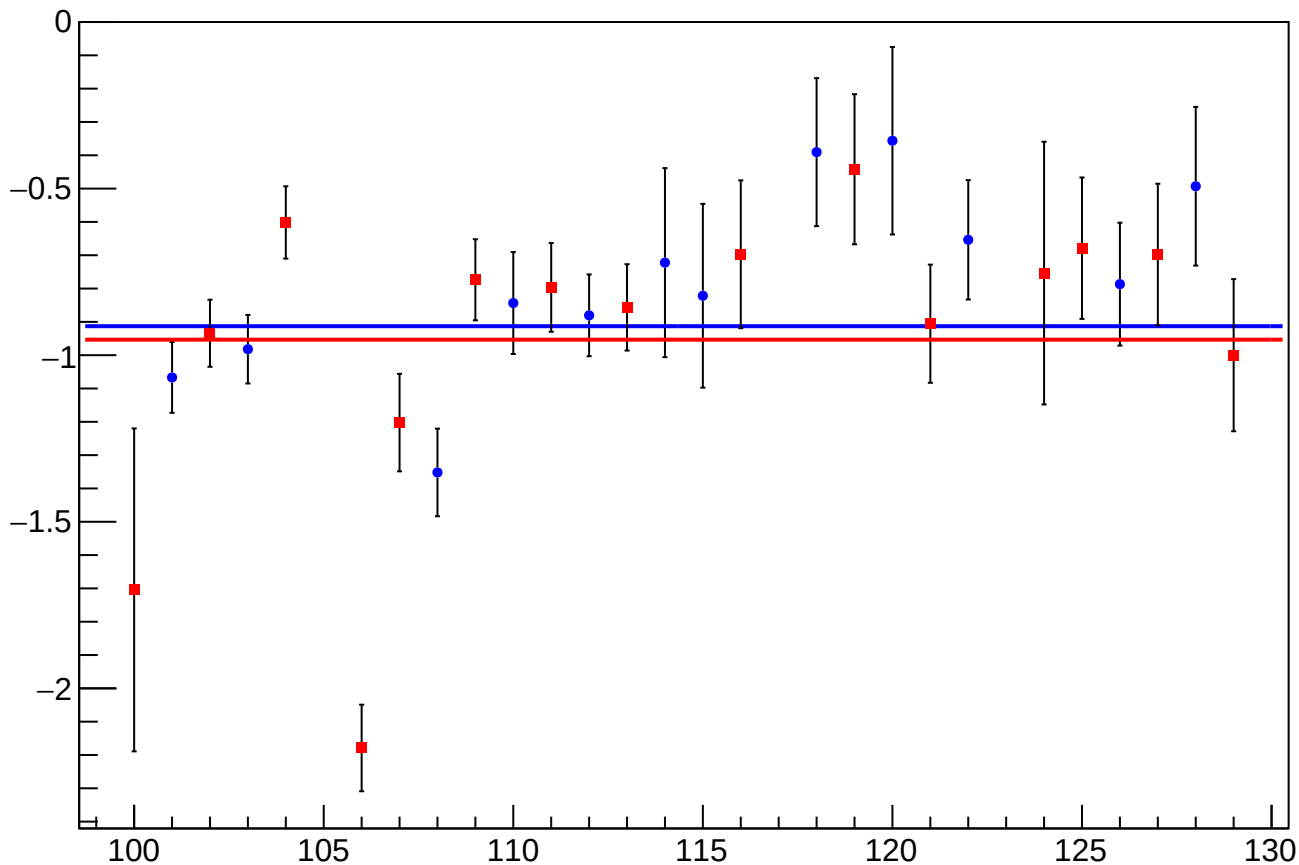
Right: 19.689 $\pm$ 0.511 χ^2 /NDF: 256.7/26

In: 18.185 $\pm$ 0.758 χ^2 /NDF:107.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 19.689 $\pm$ 0.511 χ^2 /NDF: 256.7/26

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.913 ± 0.045 χ^2/NDF : 29.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.953 ± 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

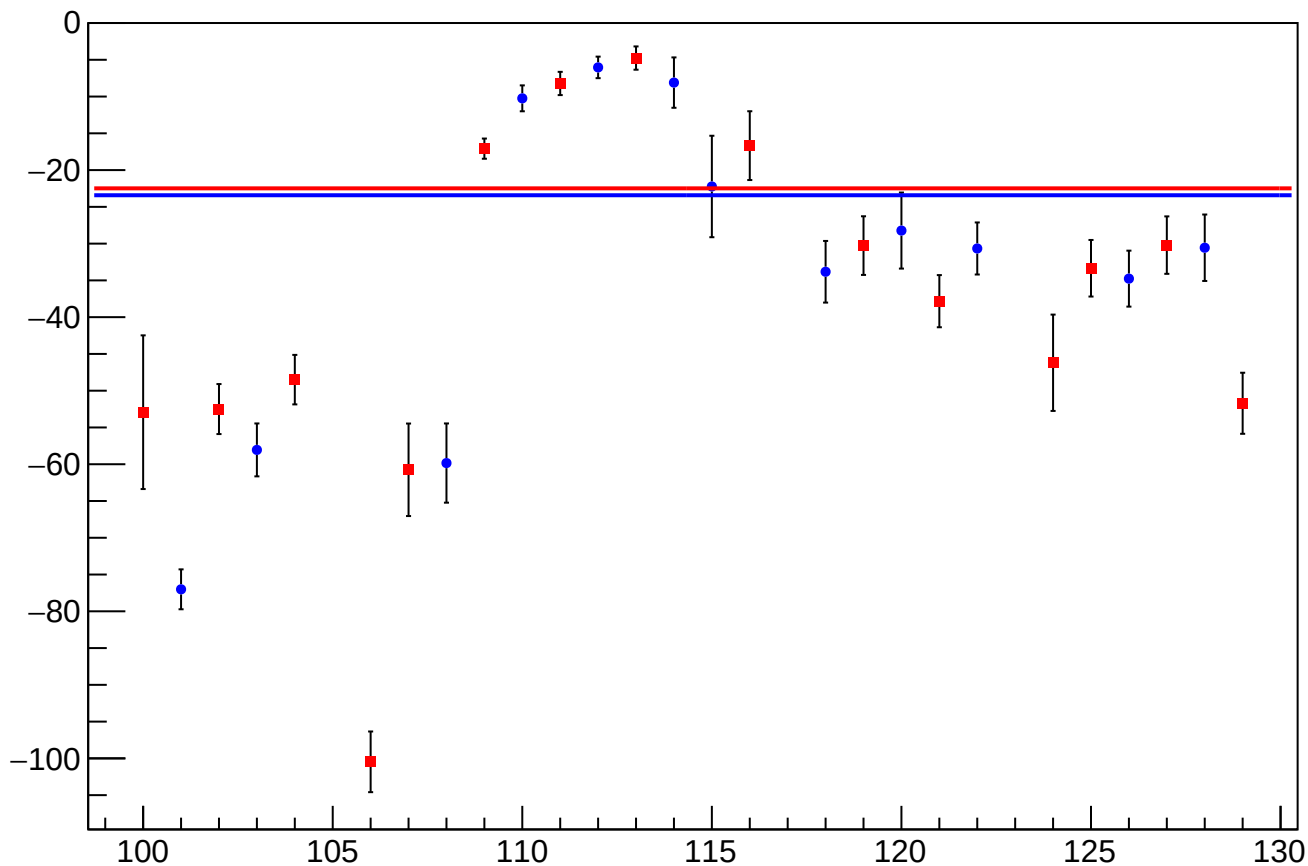
Right: -0.936 ± 0.030 χ^2/NDF : 149.0/26

In: -0.913 ± 0.045 χ^2/NDF : 29.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.936 ± 0.030 χ^2/NDF : 149.0/26

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -23.421 ± 0.835 χ^2/NDF : 768.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

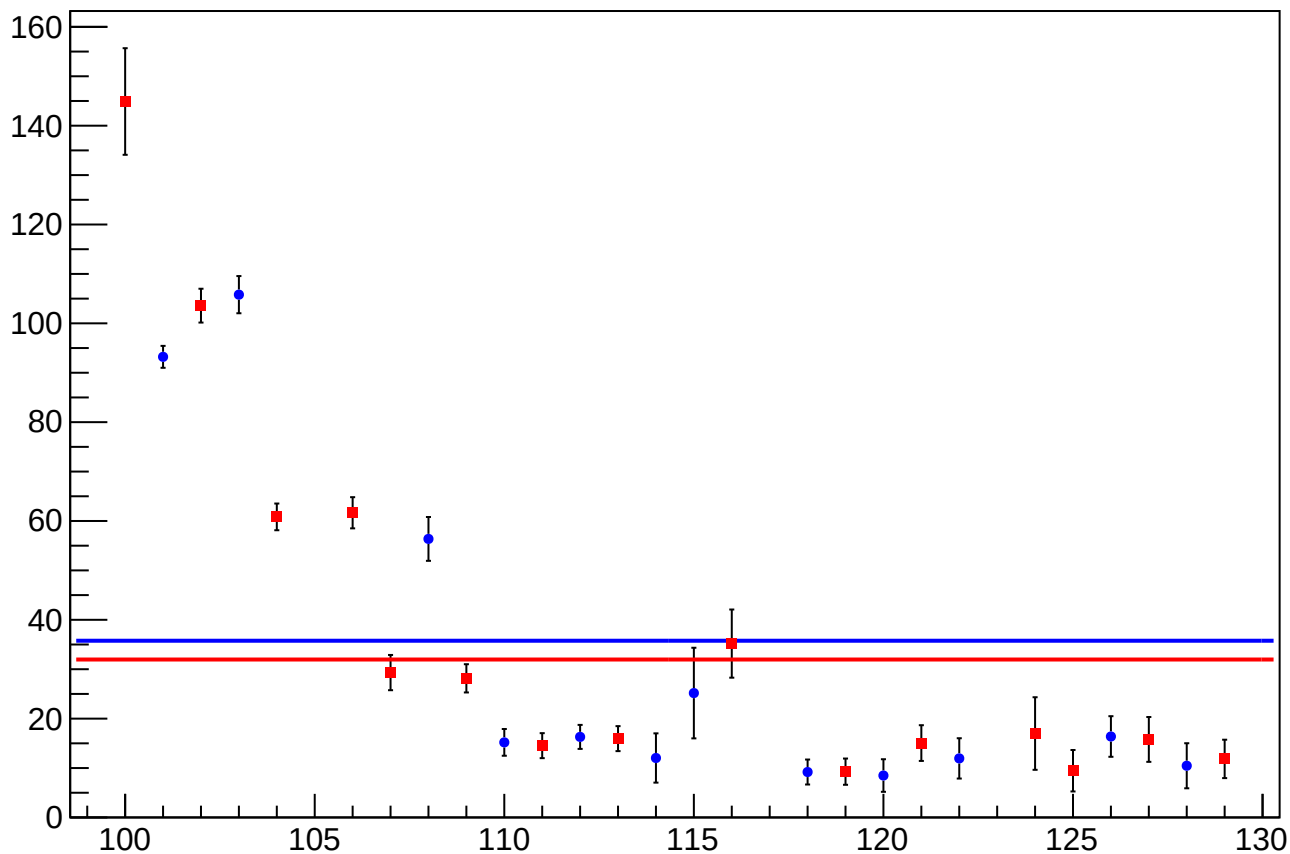
Right: -22.875 ± 0.539 χ^2/NDF : 1630.0/26

In: -23.421 ± 0.835 χ^2/NDF : 768.0/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -22.875 ± 0.539 χ^2/NDF : 1630.0/26

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 35.764+/-0.954 χ^2/NDF : 1449.9/11

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

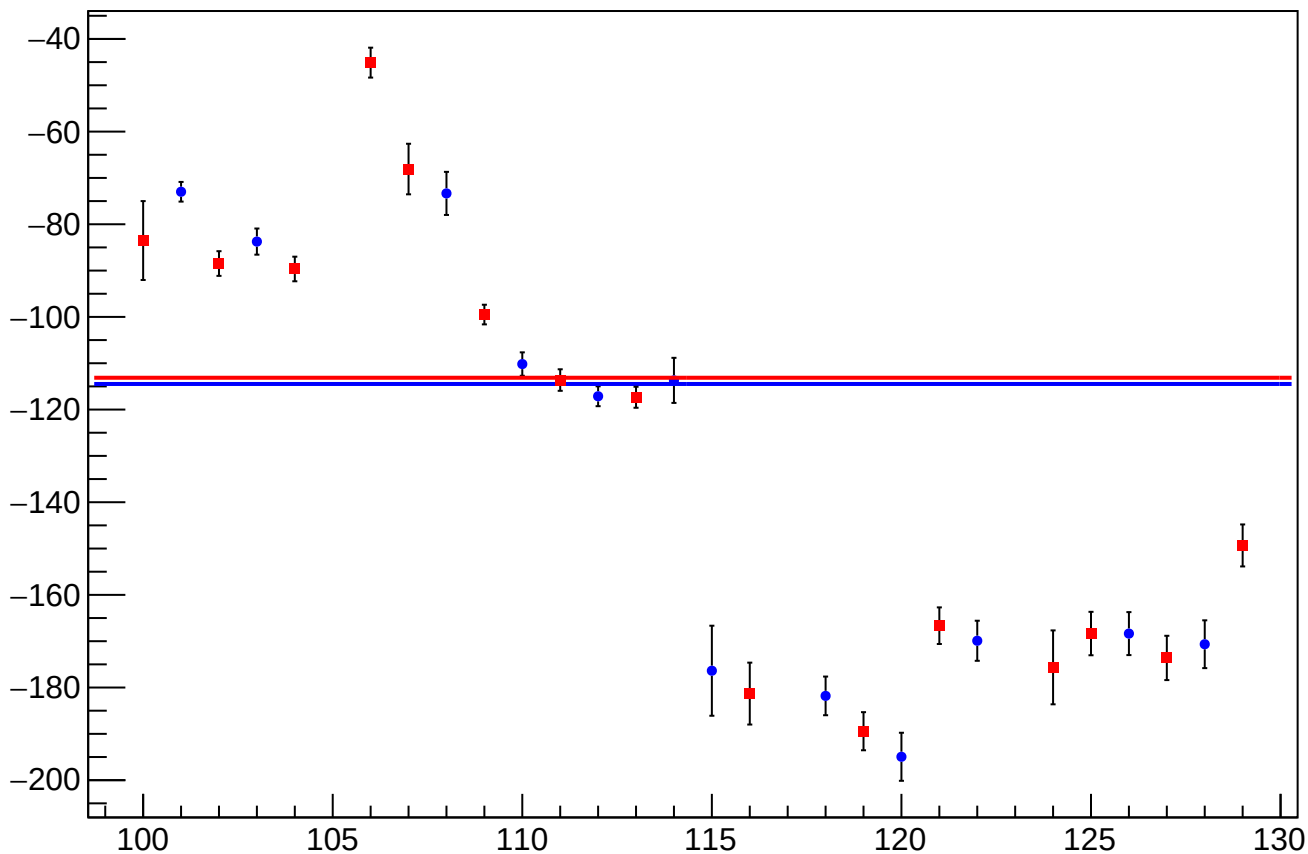
Right: 33.723+/-0.649 χ^2/NDF : 2466.3/26

In: 35.764+/-0.954 χ^2/NDF : 1449.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.723+/-0.649 χ^2/NDF : 2466.3/26

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.477+/-0.975 χ^2/NDF : 1542.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -113.132+/-0.868 χ^2/NDF : 1788.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

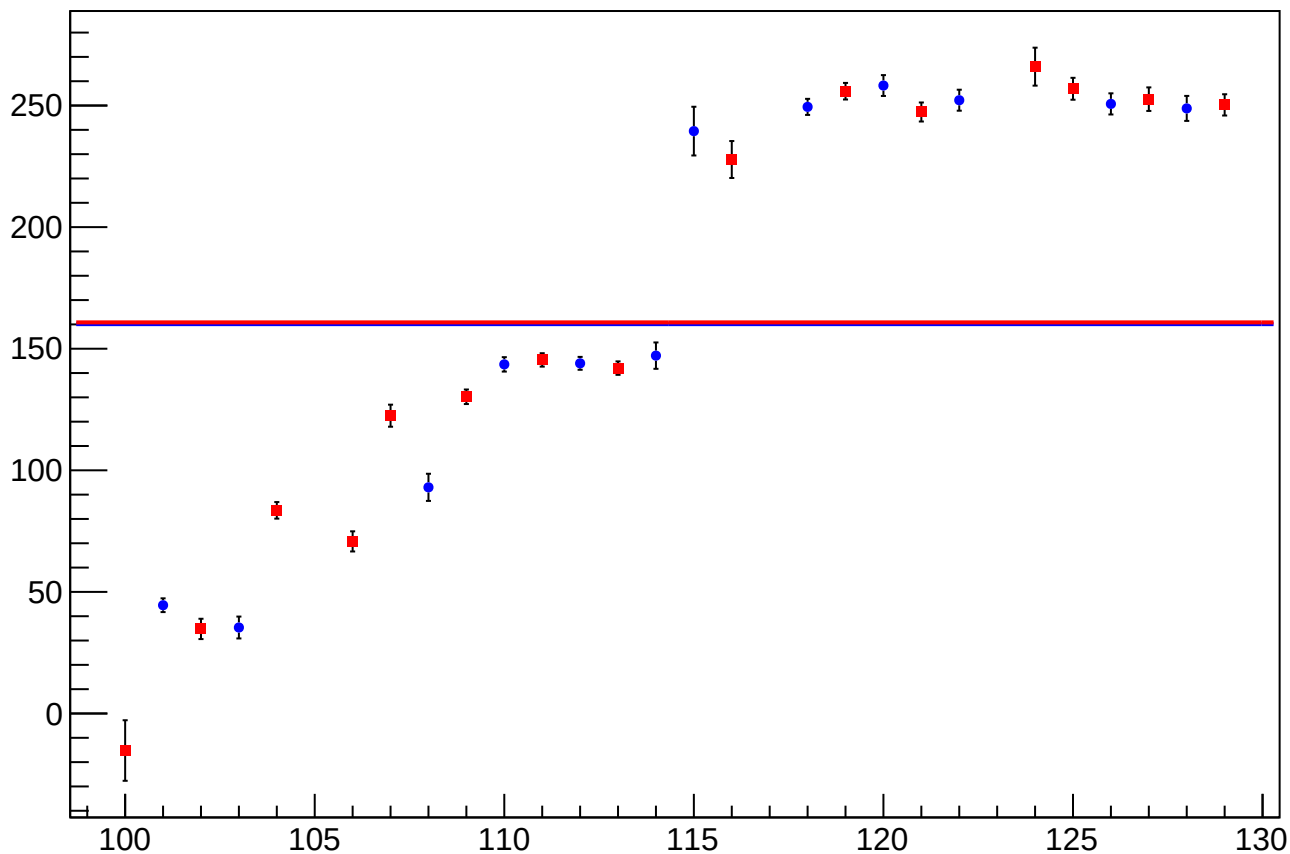
Right: -113.727+/-0.648 χ^2/NDF : 3332.0/26

In: -114.477+/-0.975 χ^2/NDF : 1542.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -113.727+/-0.648 χ^2/NDF : 3332.0/26

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 160.107+/-1.120 χ^2/NDF : 5161.8/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

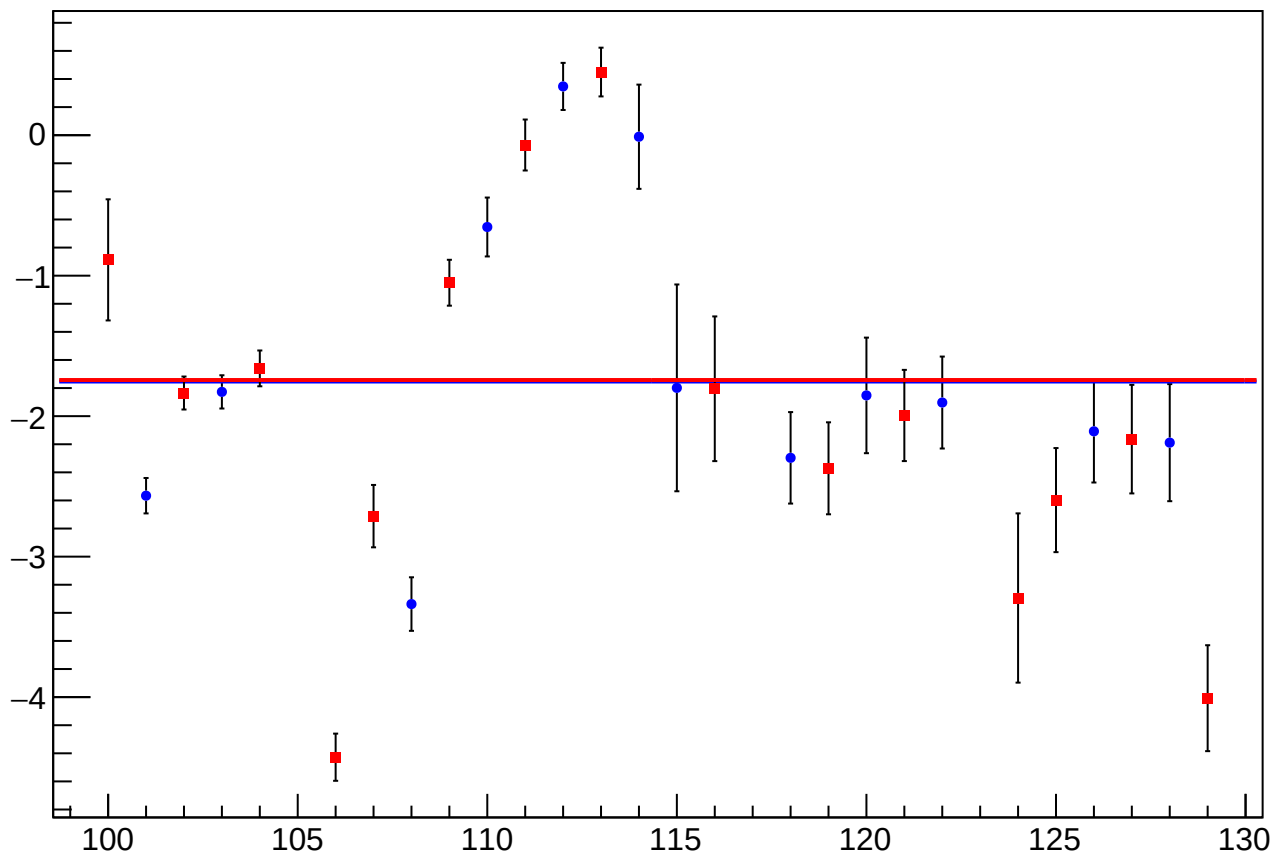
Right: 160.505+/-0.754 χ^2/NDF : 10272.2/26

In: 160.107+/-1.120 χ^2/NDF :5161.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 160.505+/-0.754 χ^2/NDF : 10272.2/26

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.753+/-0.061 χ^2/NDF : 322.7/11

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

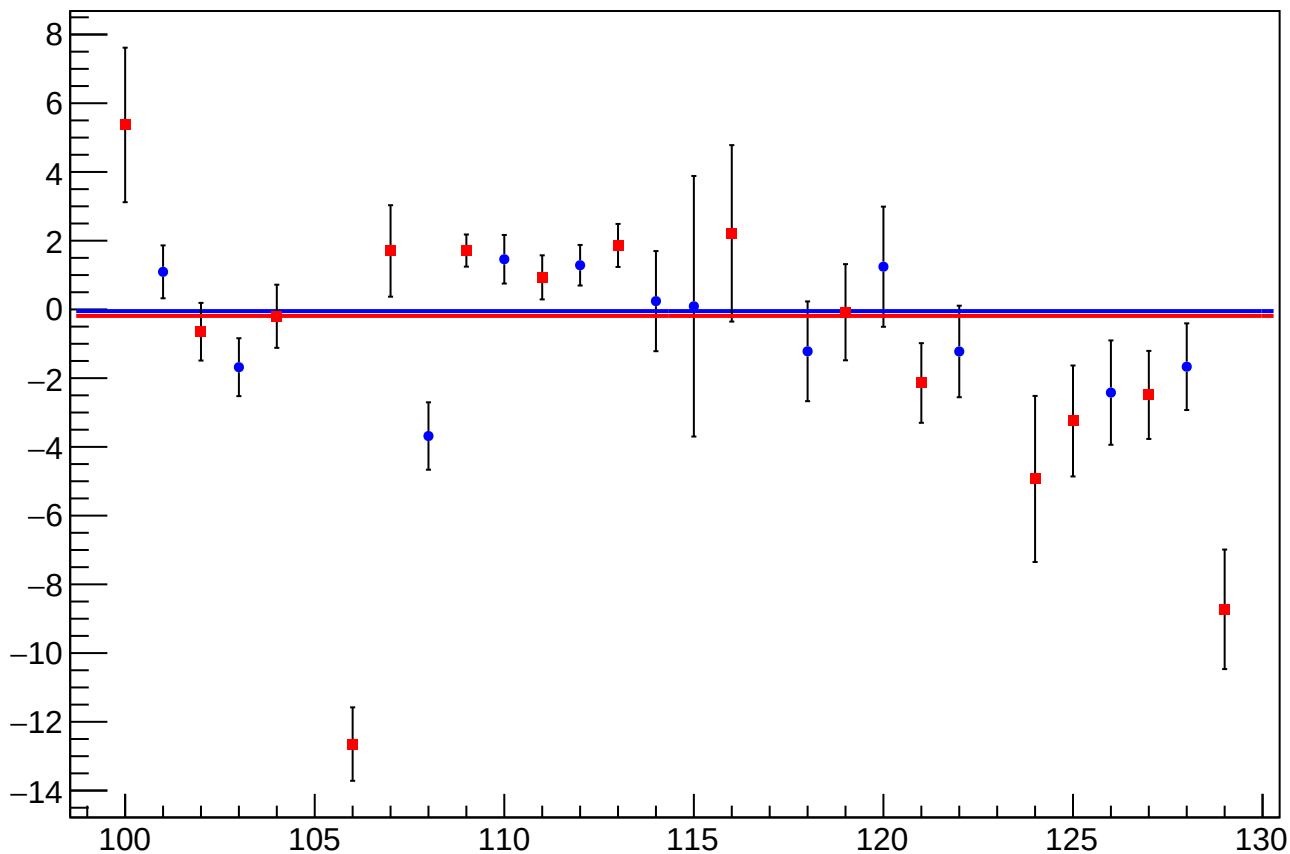
Right: -1.747+/-0.040 χ^2/NDF : 918.7/26

In: -1.753+/-0.061 χ^2/NDF :322.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.747+/-0.040 χ^2/NDF : 918.7/26

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.048 ± 0.289 χ^2/NDF : 35.5/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.189 ± 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

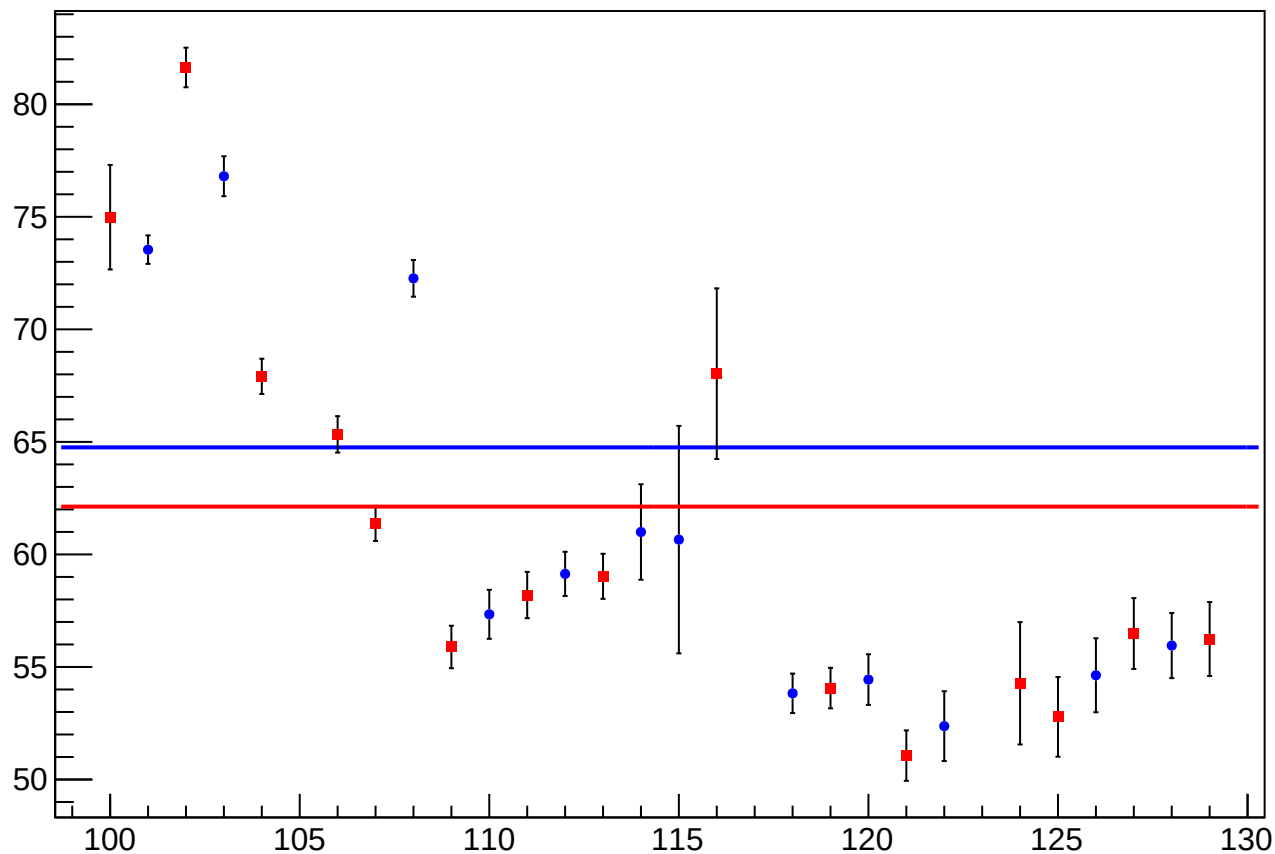
Right: -0.130 ± 0.187 χ^2/NDF : 248.8/26

In: -0.048 ± 0.289 χ^2/NDF : 35.5/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.130 ± 0.187 χ^2/NDF : 248.8/26

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 64.756+/-0.305 χ^2/NDF : 923.2/11

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

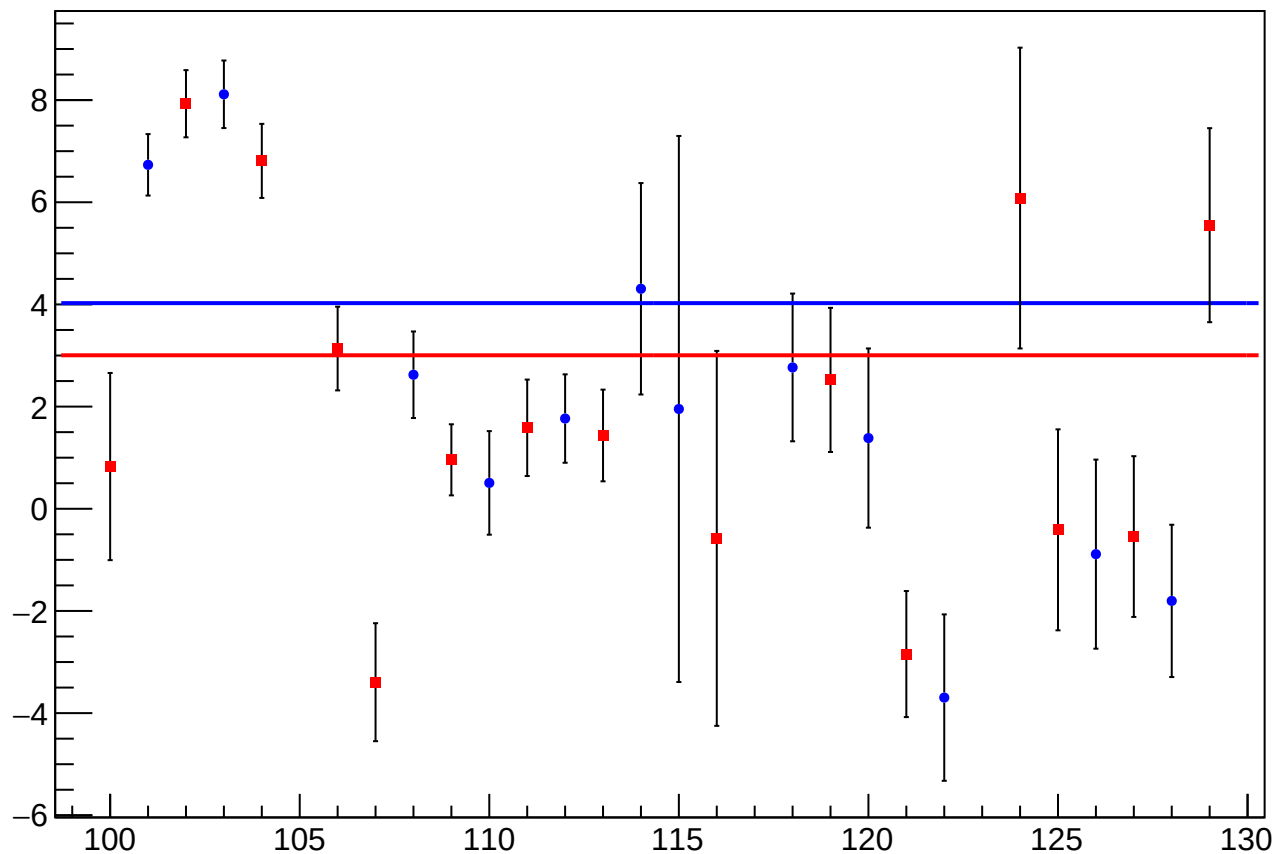
Right: 63.333+/-0.207 χ^2/NDF : 1866.5/26

In: 64.756+/-0.305 χ^2/NDF : 923.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.333+/-0.207 χ^2/NDF : 1866.5/26

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 4.025 $\pm$ 0.302 χ^2 /NDF: 128.1/11

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

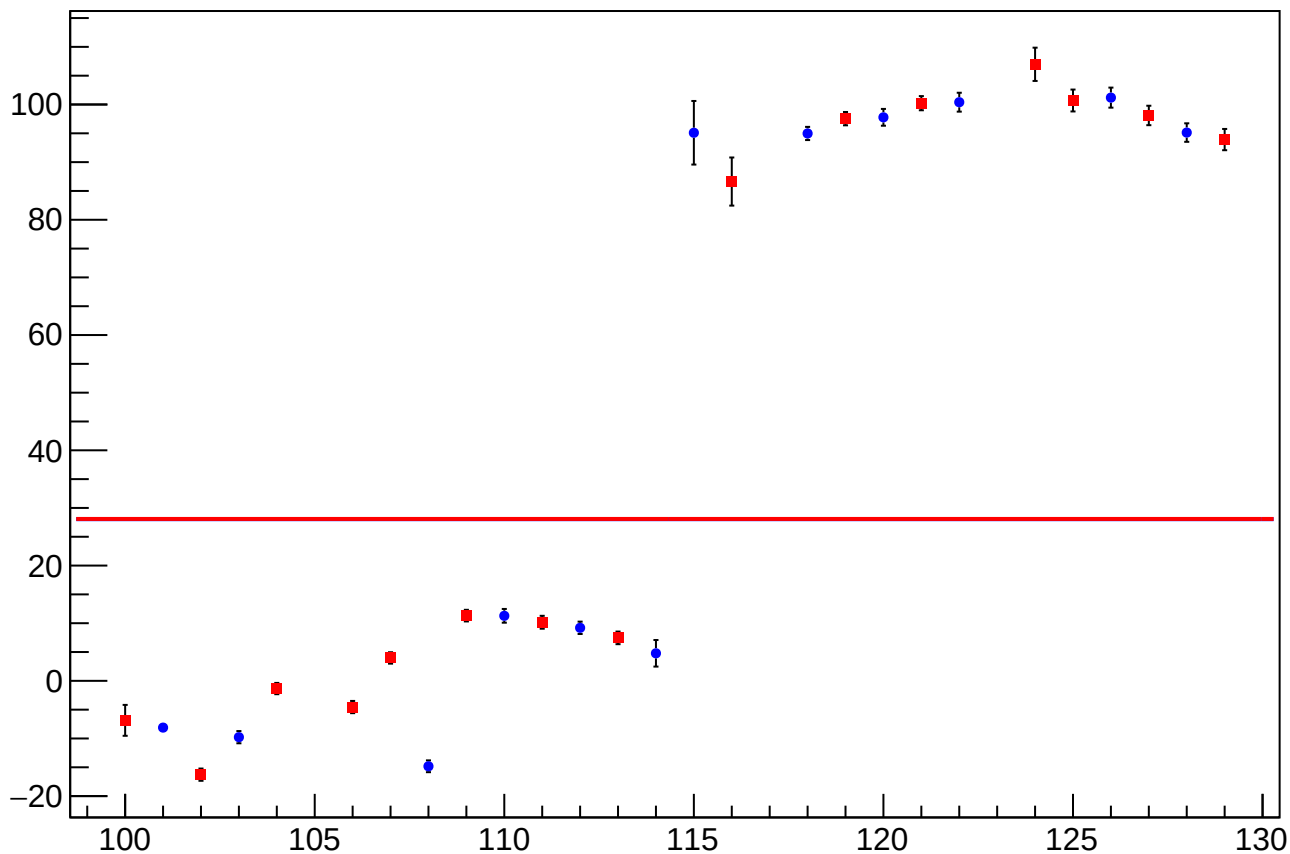
Right: 3.462 $\pm$ 0.202 χ^2 /NDF: 298.7/26

In: 4.025 $\pm$ 0.302 χ^2 /NDF:128.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.462 $\pm$ 0.202 χ^2 /NDF: 298.7/26

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.049+/-0.365 χ^2 /NDF: 16992.5/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 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

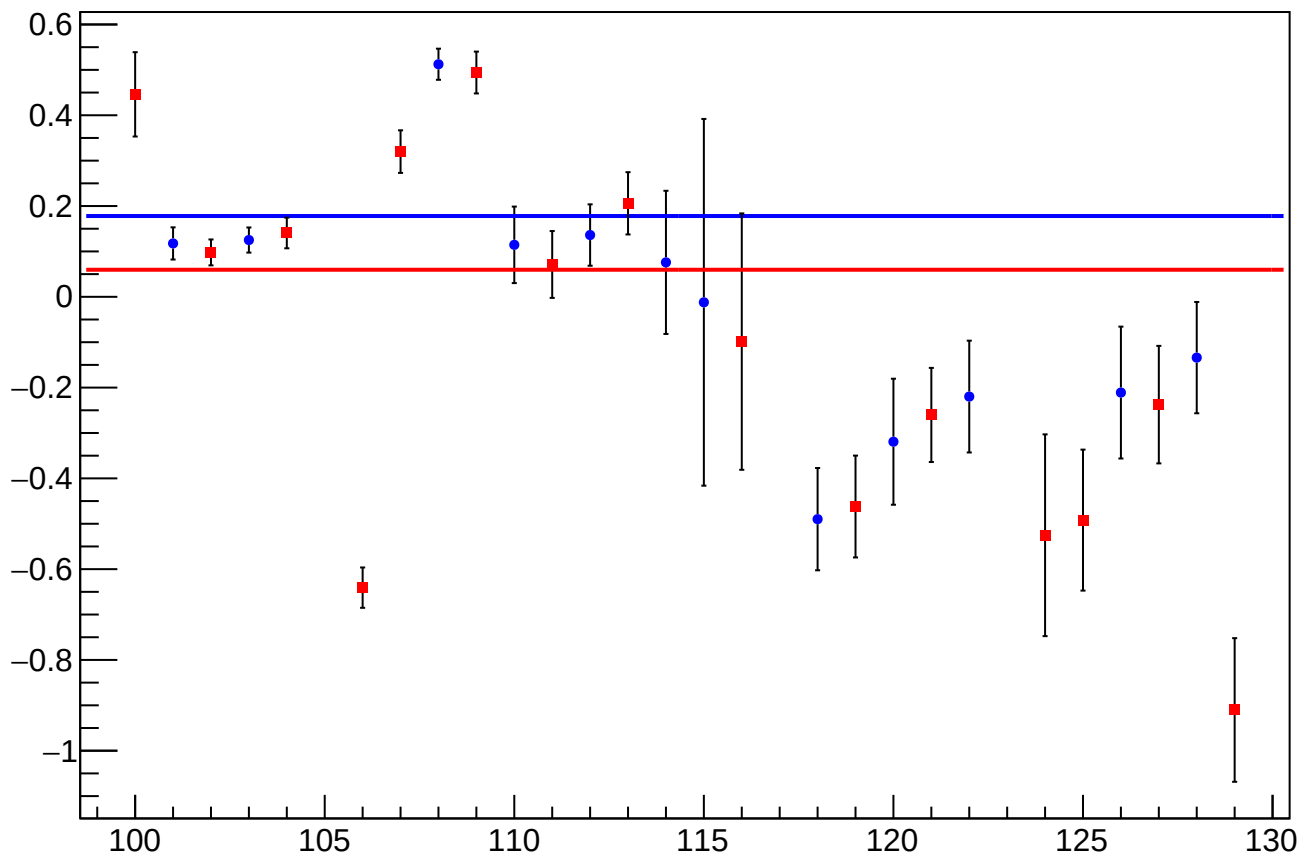
Right: 28.072+/-0.245 χ^2 /NDF: 34699.6/26

In: 28.049+/-0.365 χ^2 /NDF:16992.5/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 28.072+/-0.245 χ^2 /NDF: 34699.6/26

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.178+/-0.017 χ^2/NDF : 175.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.060+/-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

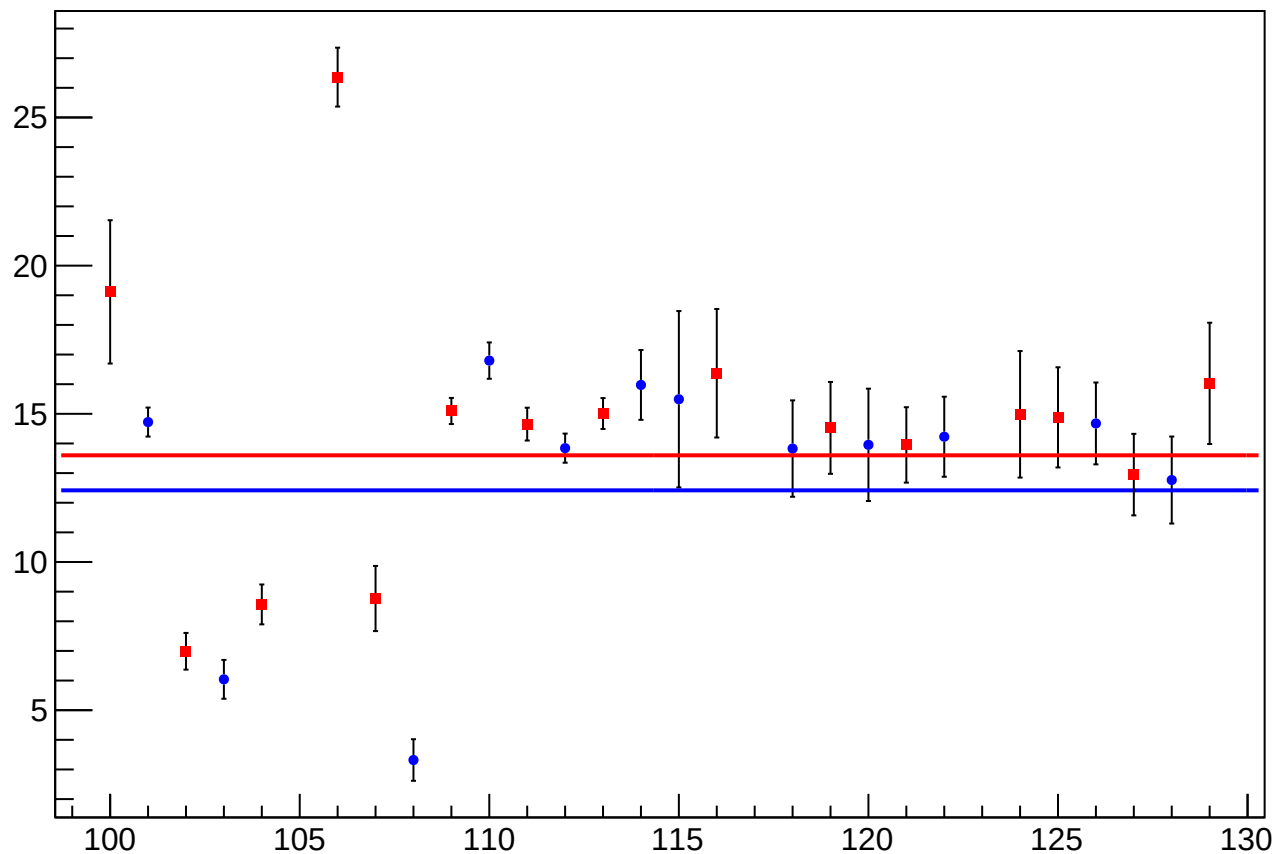
Right: 0.113+/-0.011 χ^2/NDF : 694.5/26

In: 0.178+/-0.017 χ^2/NDF : 175.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.113+/-0.011 χ^2/NDF : 694.5/26

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 12.418+/-0.233 χ^2/NDF : 360.6/11

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

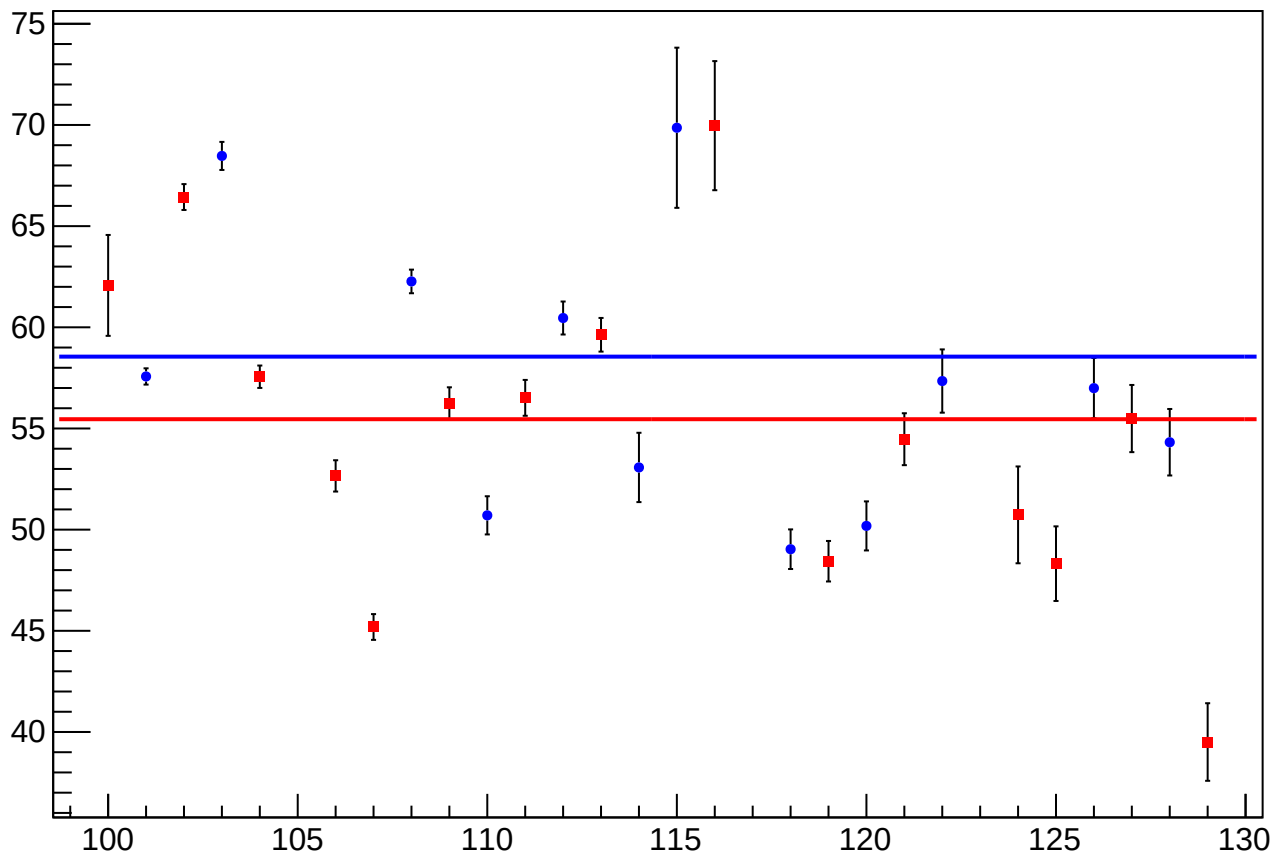
Right: 13.056+/-0.158 χ^2/NDF : 761.1/26

In: 12.418+/-0.233 χ^2/NDF : 360.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.056+/-0.158 χ^2/NDF : 761.1/26

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 58.551+/-0.241 χ^2/NDF : 494.6/11

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

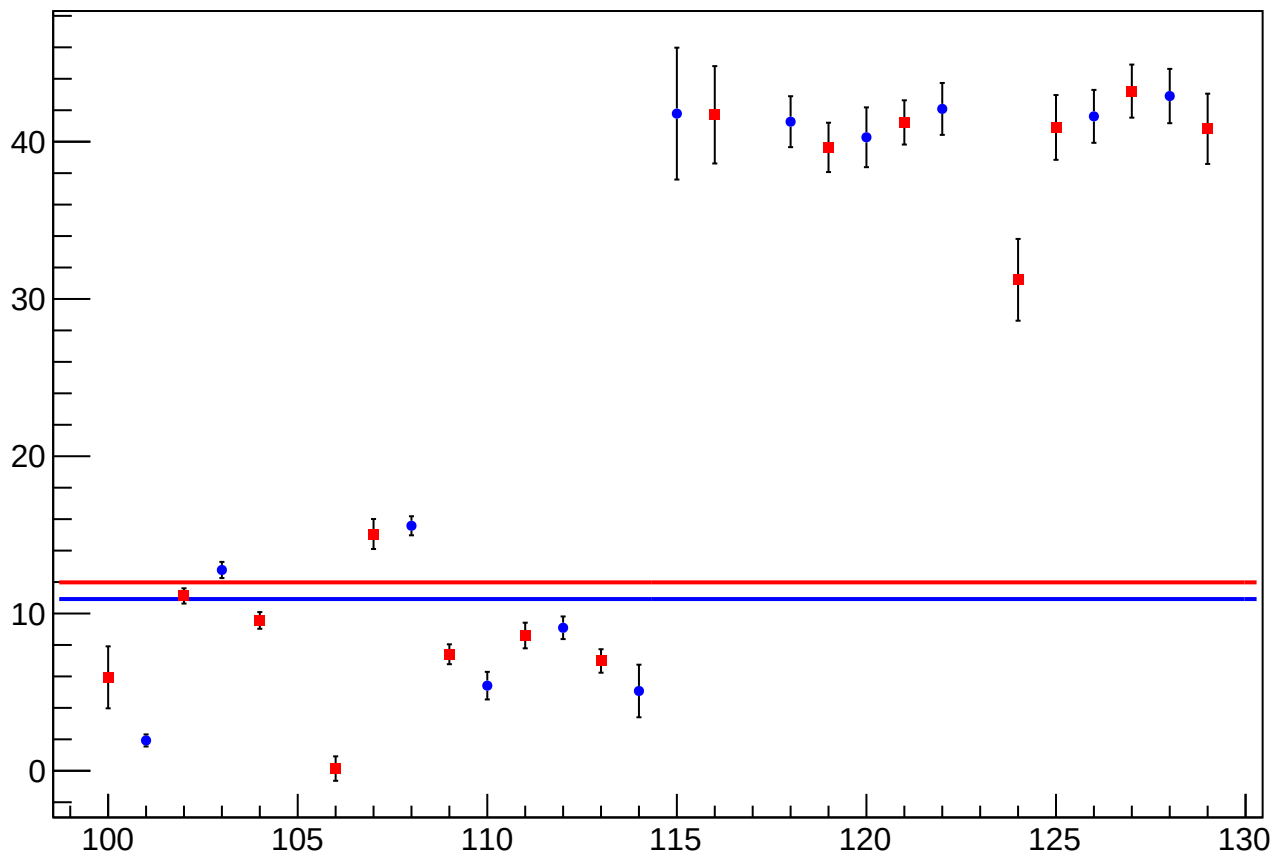
Right: 57.007+/-0.171 χ^2/NDF : 1352.5/26

In: 58.551+/-0.241 χ^2/NDF : 494.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.007+/-0.171 χ^2/NDF : 1352.5/26

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.919+/-0.231 χ^2/NDF : 2358.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.980+/-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

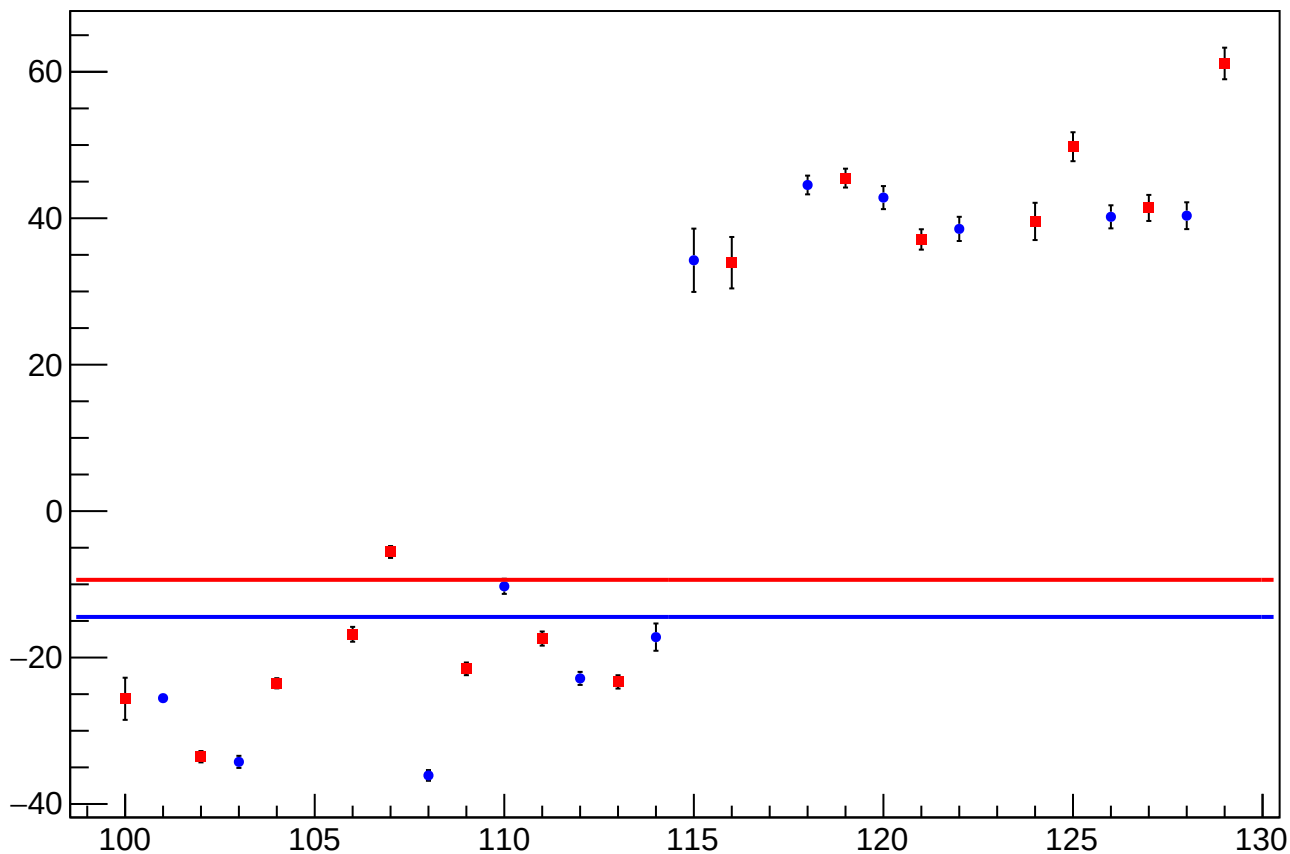
Right: 11.448+/-0.164 χ^2/NDF : 4355.5/26

In: 10.919+/-0.231 χ^2/NDF : 2358.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.448+/-0.164 χ^2/NDF : 4355.5/26

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -14.452 $\pm$ 0.291 χ^2 /NDF: 8724.8/11

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

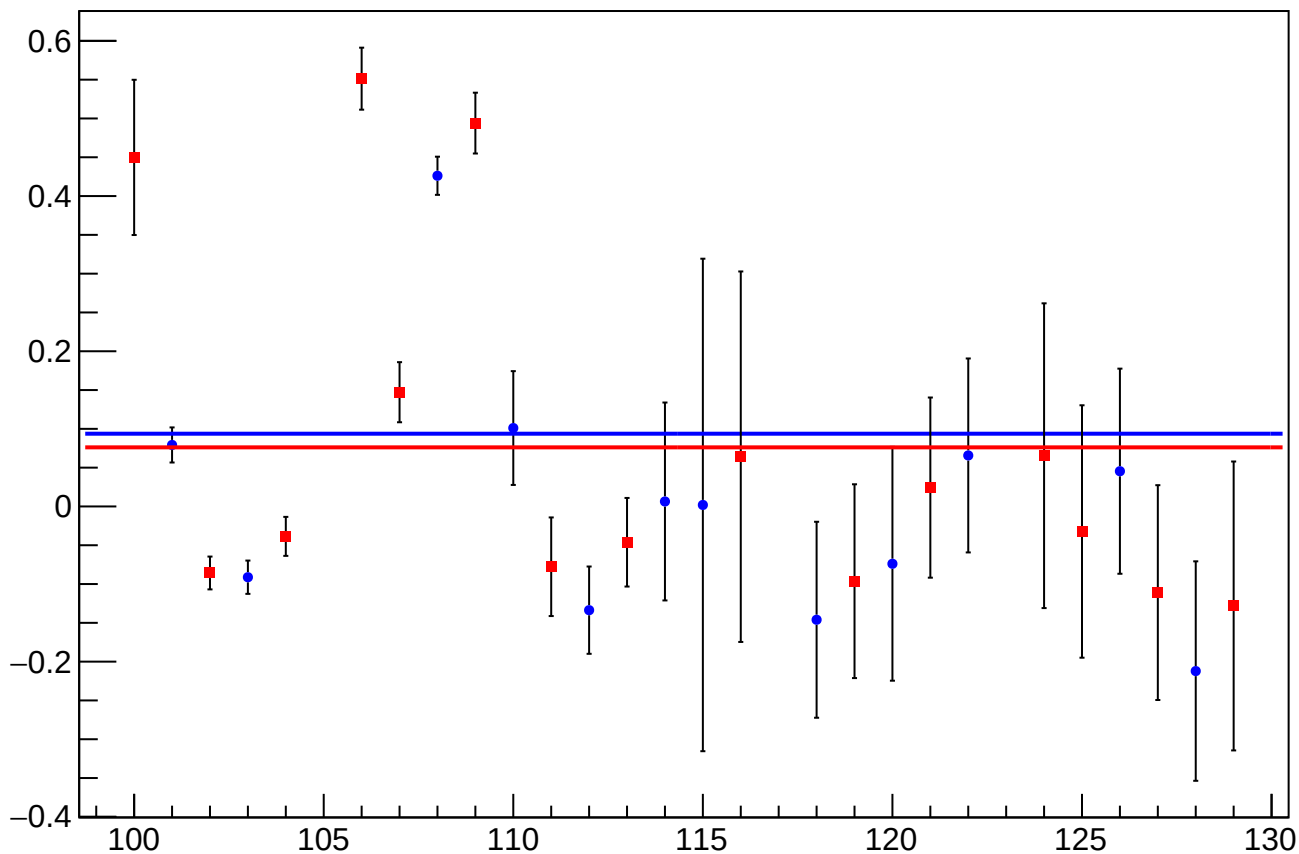
Right: -11.885 $\pm$ 0.205 χ^2 /NDF: 17102.3/26

In: -14.452 $\pm$ 0.291 χ^2 /NDF:8724.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -11.885 $\pm$ 0.205 χ^2 /NDF: 17102.3/26

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.094 $\pm$ 0.012 χ^2 /NDF: 284.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.076 $\pm$ 0.012 χ^2 /NDF: 368.0/14

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

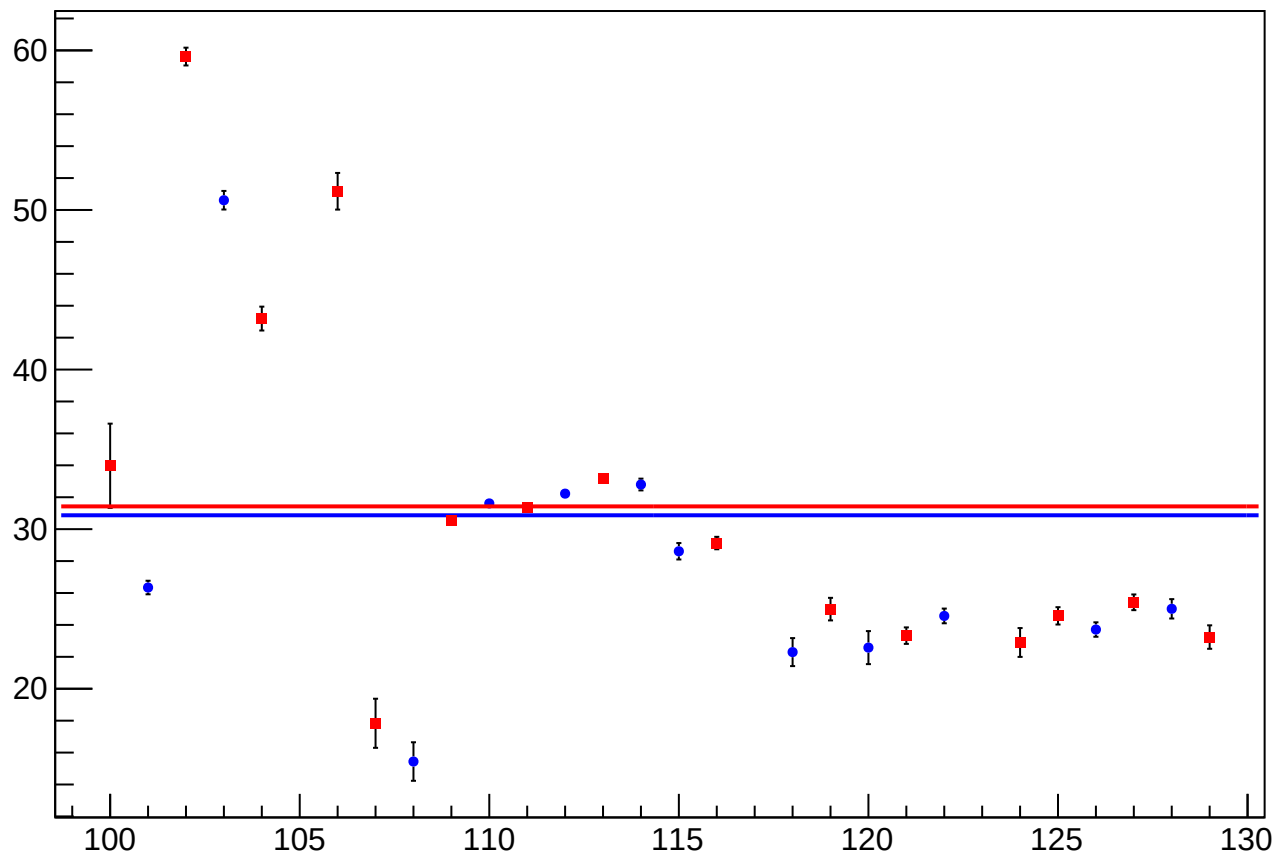
Right: 0.085 $\pm$ 0.009 χ^2 /NDF: 653.0/26

In: 0.094 $\pm$ 0.012 χ^2 /NDF:284.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.085 $\pm$ 0.009 χ^2 /NDF: 653.0/26

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 30.869+/-0.101 χ^2/NDF : 2249.3/11

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

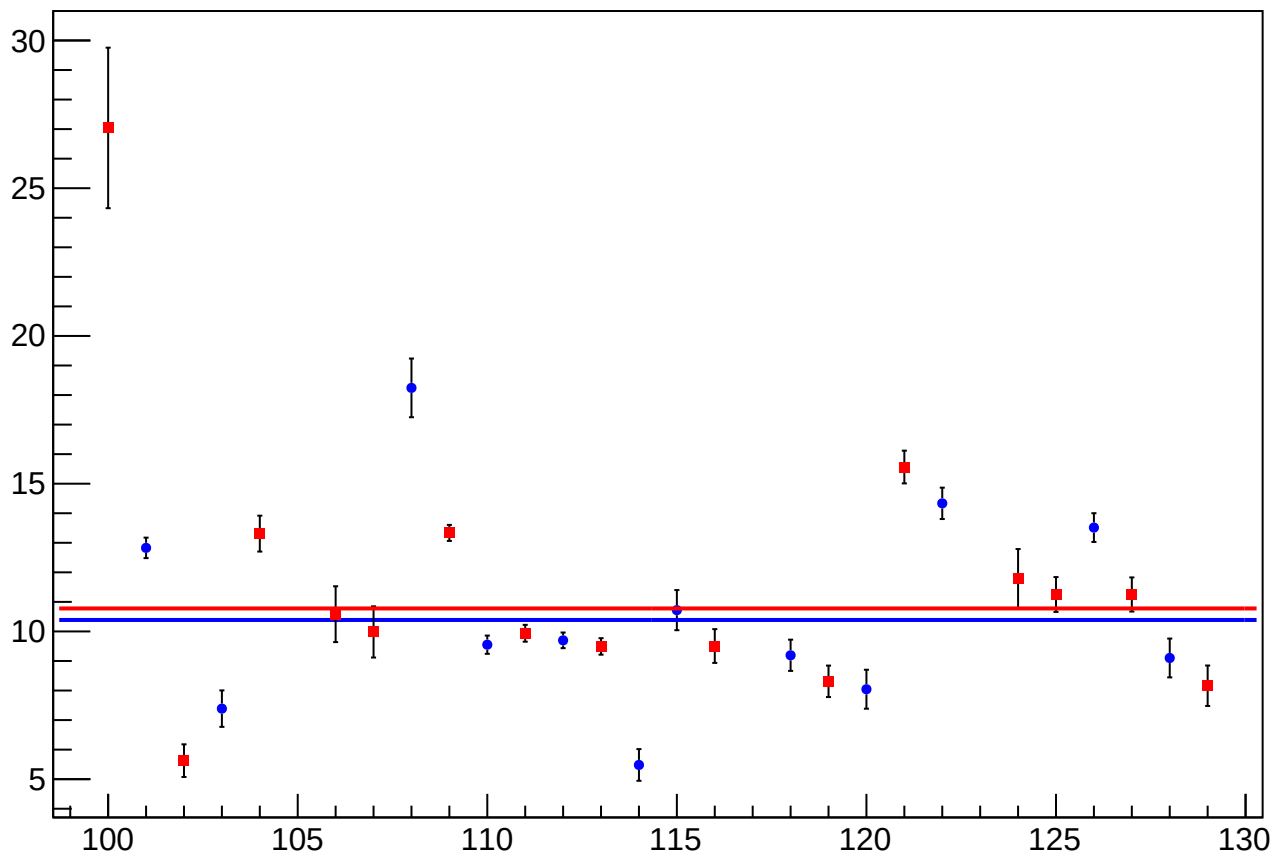
Right: 31.200+/-0.064 χ^2/NDF : 6466.2/26

In: 30.869+/-0.101 χ^2/NDF : 2249.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.200+/-0.064 χ^2/NDF : 6466.2/26

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.388+/-0.131 χ^2/NDF : 352.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.778+/-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

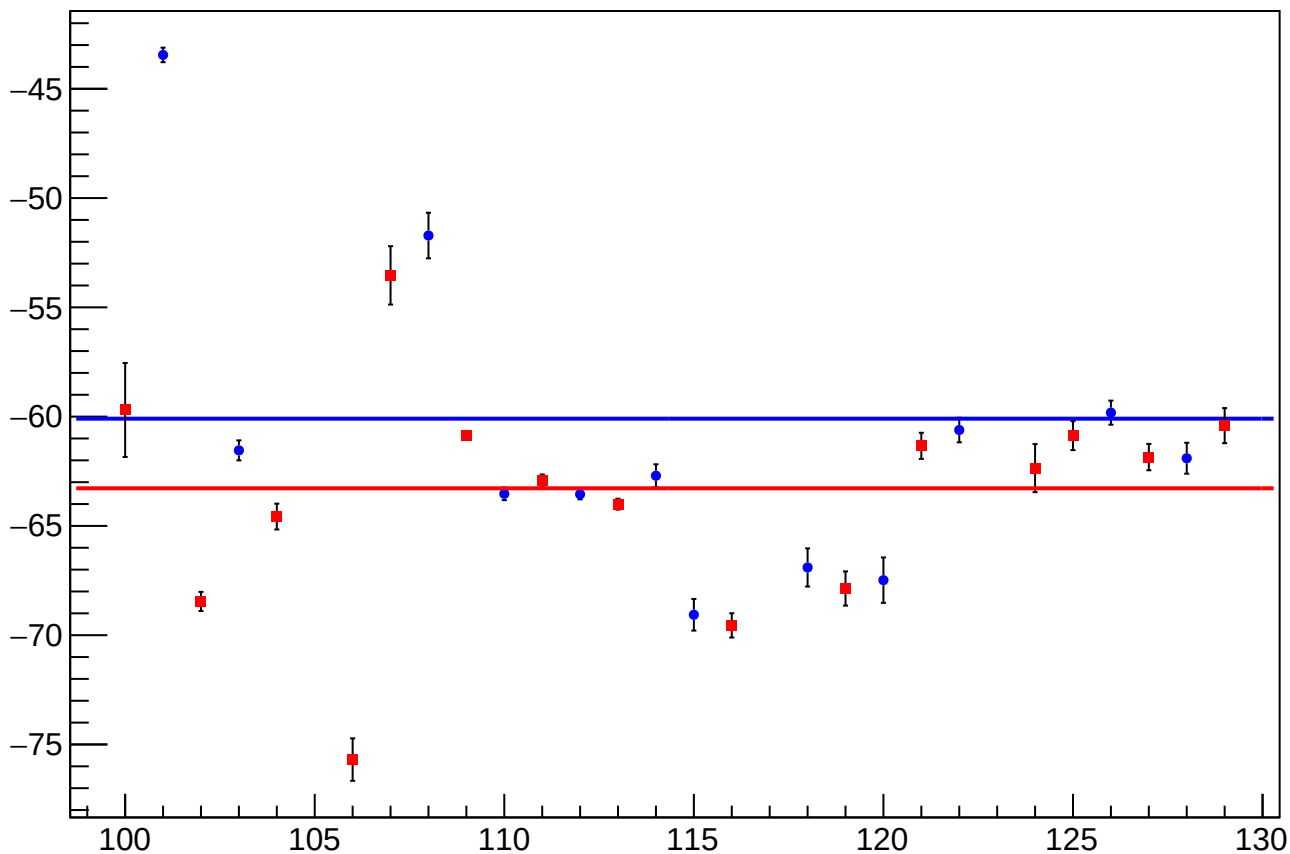
Right: 10.595+/-0.090 χ^2/NDF : 734.4/26

In: 10.388+/-0.131 χ^2/NDF : 352.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.595+/-0.090 χ^2/NDF : 734.4/26

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -60.093±/0.128 χ^2/NDF : 3237.2/11

Left Out: 0.000±/0.000 χ^2/NDF :0.0/0

Right Out: -63.279±/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

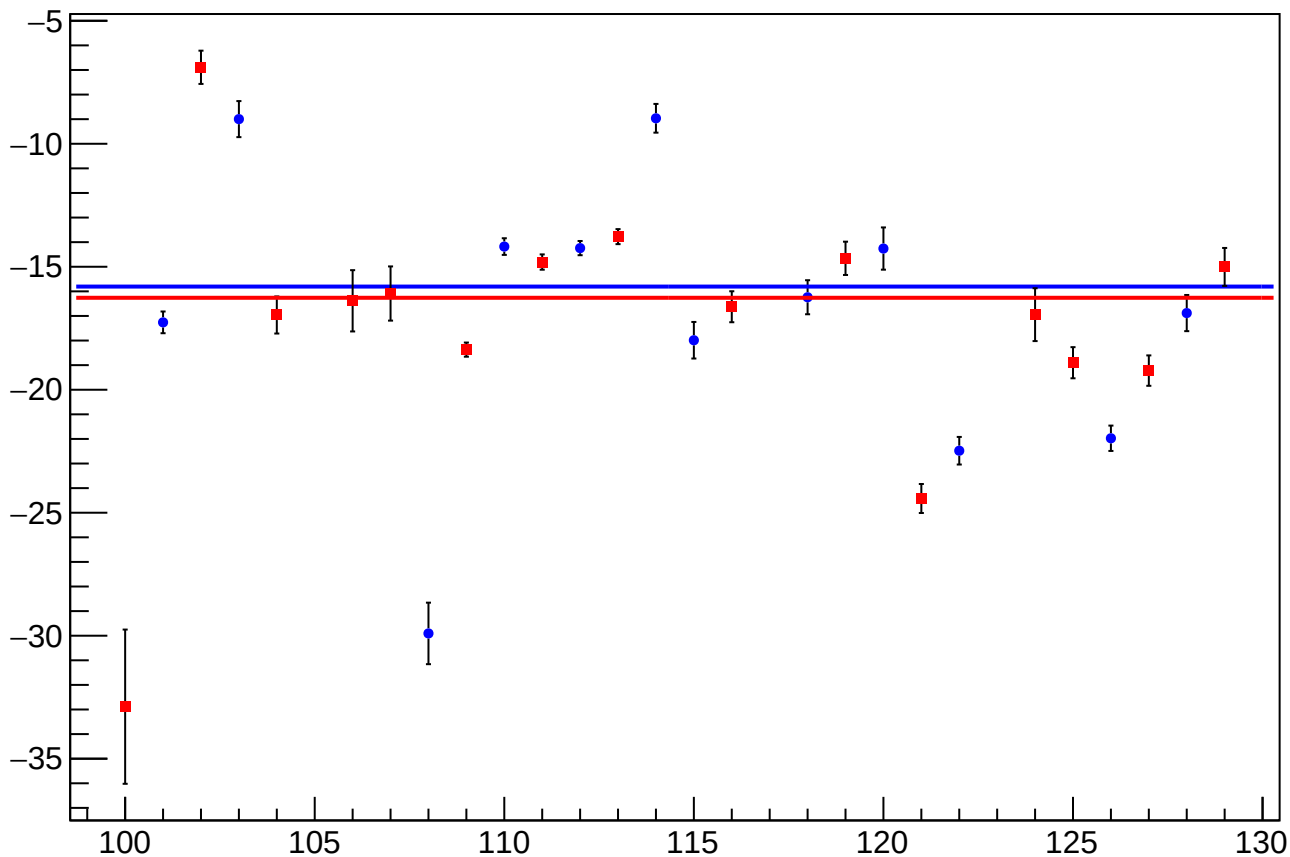
Right: -61.866±/0.085 χ^2/NDF : 4288.6/26

In: -60.093±/0.128 χ^2/NDF :3237.2/11

Out: 0.000±/0.000 χ^2/NDF :0.0/0

All: -61.866±/0.085 χ^2/NDF : 4288.6/26

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -15.806 ± 0.149 χ^2/NDF : 713.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -16.261 ± 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

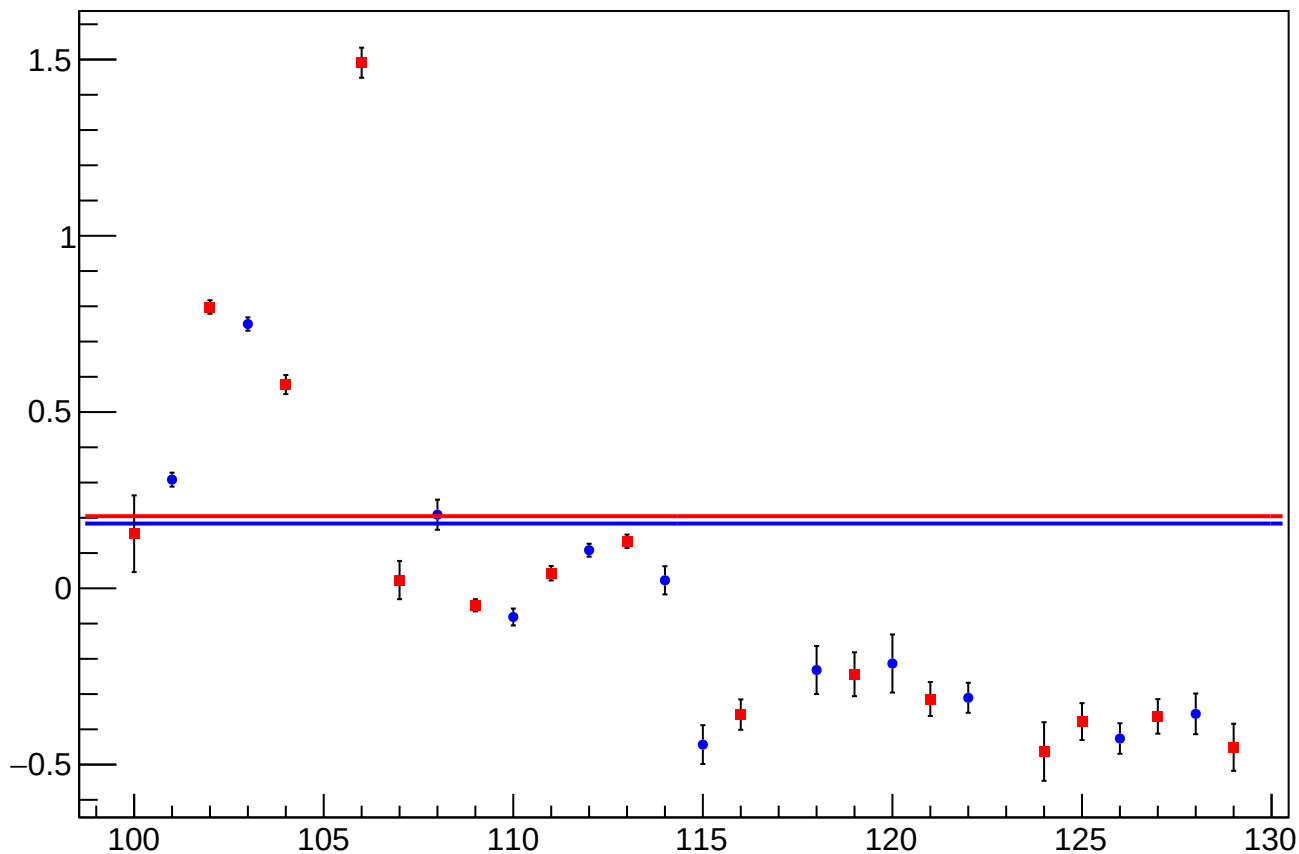
Right: -16.053 ± 0.100 χ^2/NDF : 1322.4/26

In: -15.806 ± 0.149 χ^2/NDF : 713.1/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.053 ± 0.100 χ^2/NDF : 1322.4/26

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.184+/-0.009 χ^2/NDF : 1693.3/11

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

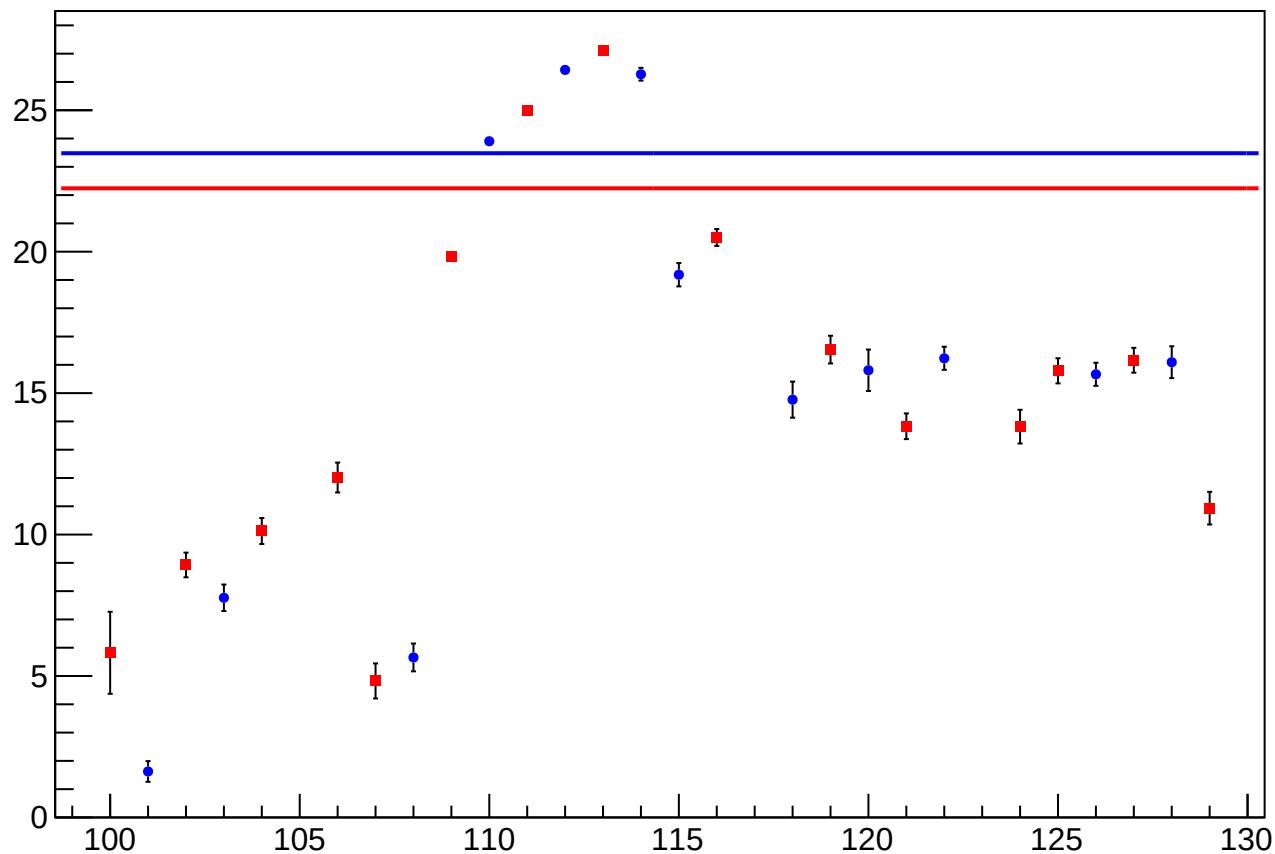
Right: 0.195+/-0.006 χ^2/NDF : 4814.5/26

In: 0.184+/-0.009 χ^2/NDF : 1693.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.195+/-0.006 χ^2/NDF : 4814.5/26

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 23.481 $\pm$ 0.060 χ^2 /NDF: 8591.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 22.240 $\pm$ 0.047 χ^2 /NDF: 8747.9/14

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

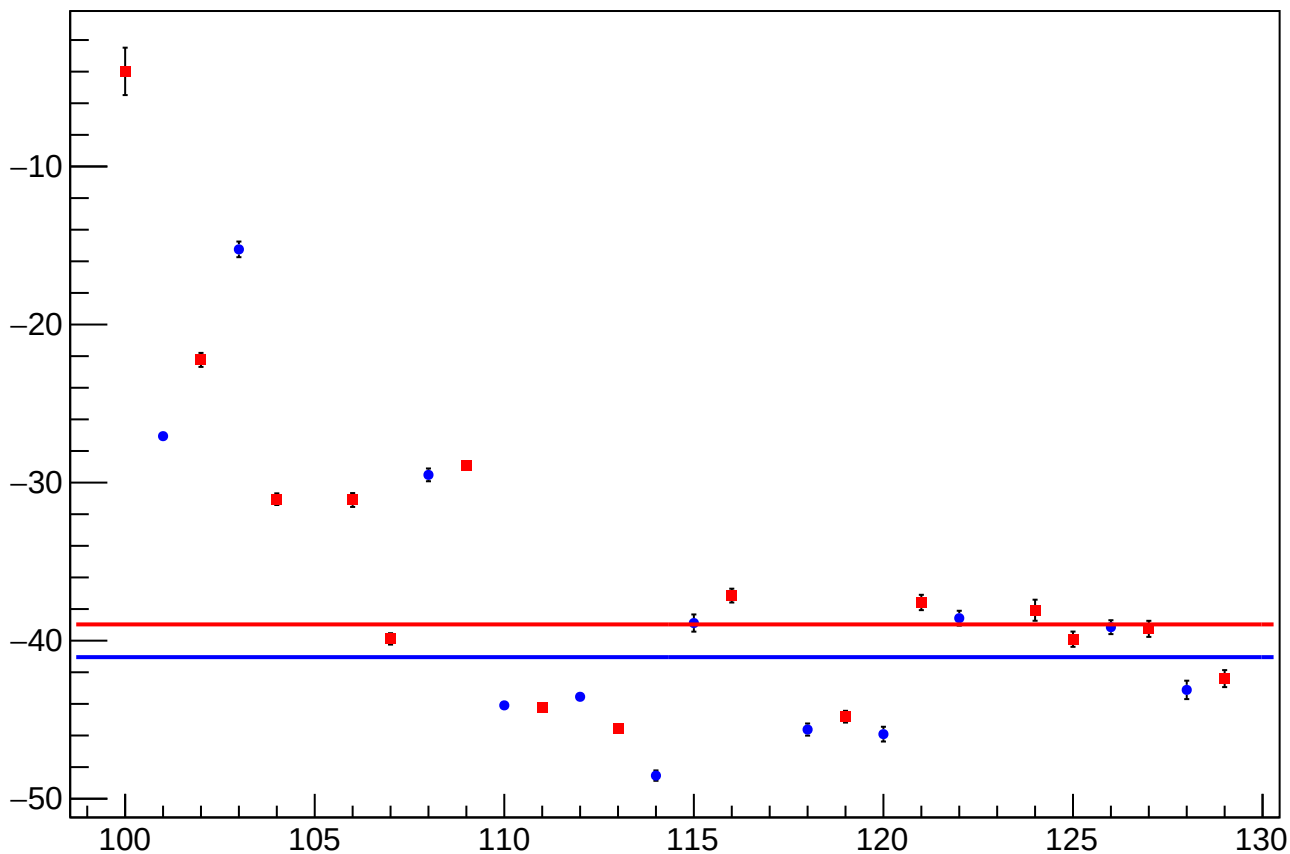
Right: 22.719 $\pm$ 0.037 χ^2 /NDF: 17606.2/26

In: 23.481 $\pm$ 0.060 χ^2 /NDF:8591.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 22.719 $\pm$ 0.037 χ^2 /NDF: 17606.2/26

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -41.043 ± 0.084 χ^2/NDF : 7230.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -38.972 ± 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

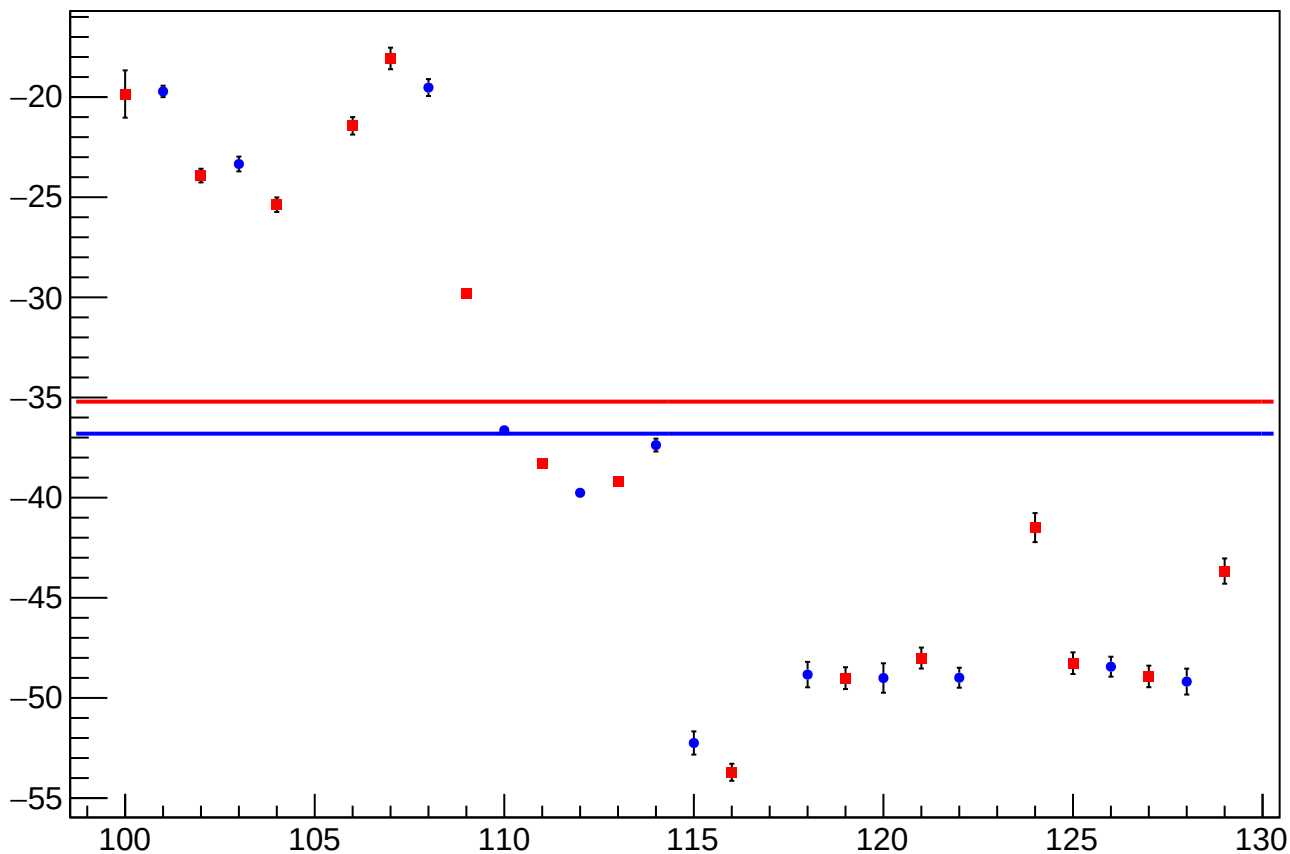
Right: -39.889 ± 0.056 χ^2/NDF : 17301.4/26

In: -41.043 ± 0.084 χ^2/NDF : 7230.9/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.889 ± 0.056 χ^2/NDF : 17301.4/26

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -36.805 ± 0.080 χ^2/NDF : 9962.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -35.206 ± 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

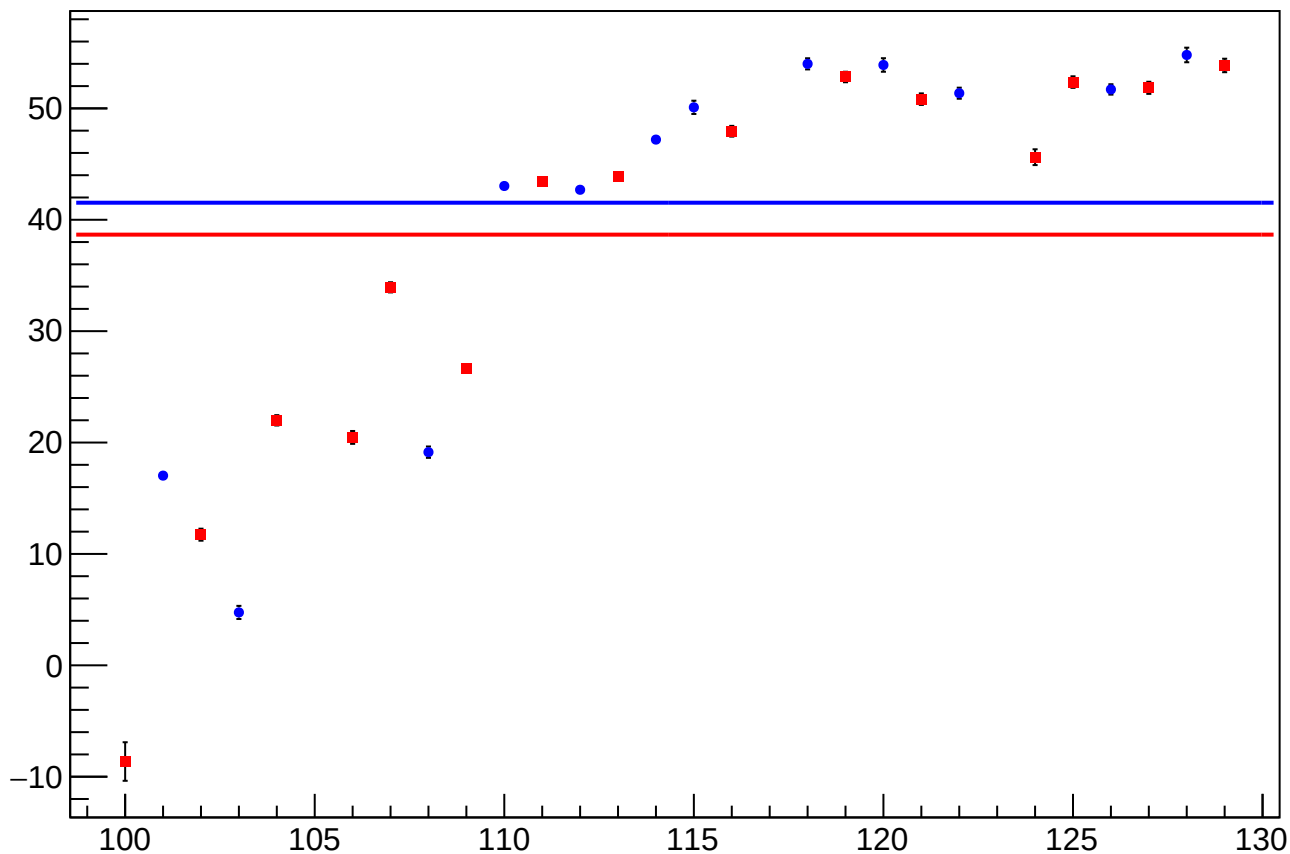
Right: -35.862 ± 0.051 χ^2/NDF : 22221.2/26

In: -36.805 ± 0.080 χ^2/NDF : 9962.4/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.862 ± 0.051 χ^2/NDF : 22221.2/26

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.531 ± 0.094 $\chi^2/\text{NDF}: 12892.2/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 38.665 ± 0.082 $\chi^2/\text{NDF}: 16180.0/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

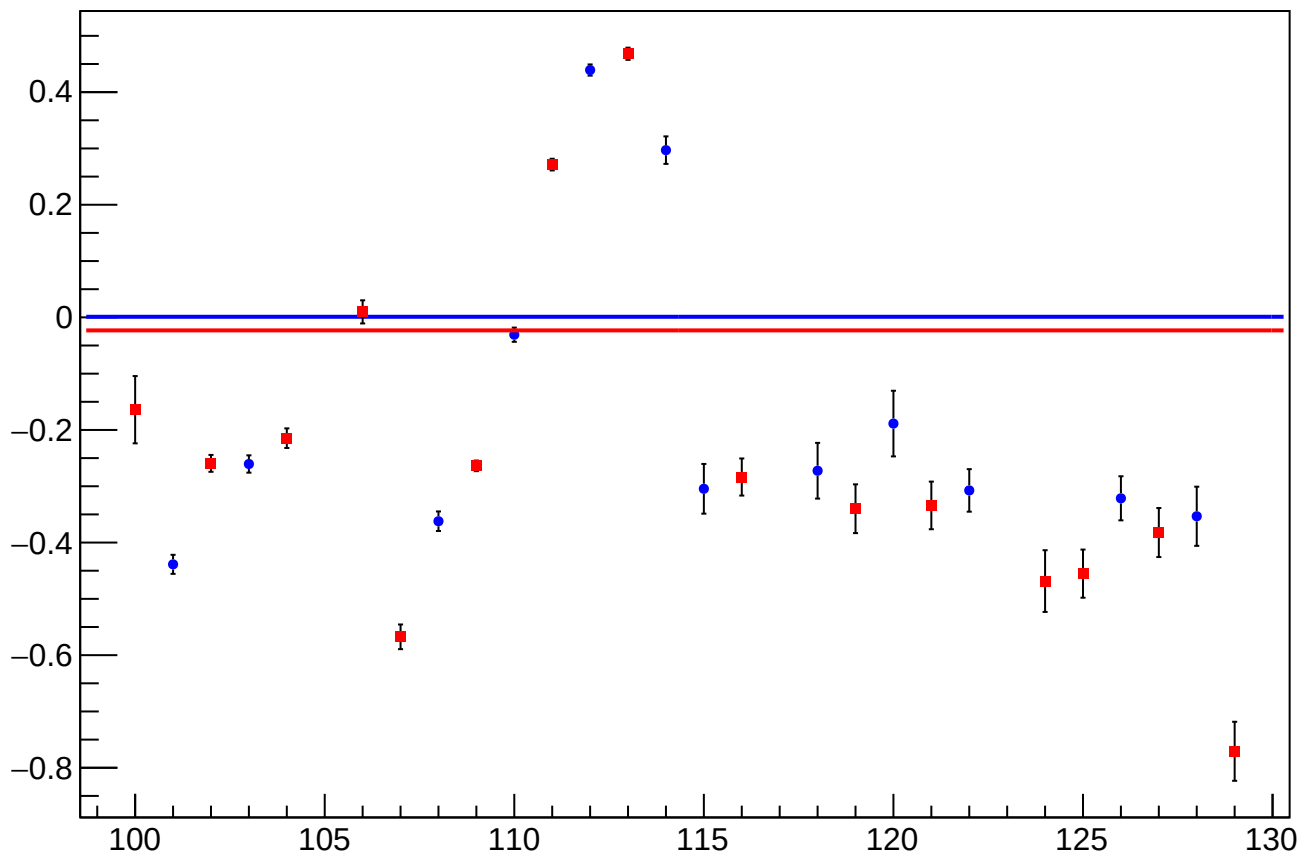
Right: 39.908 ± 0.062 $\chi^2/\text{NDF}: 29598.8/26$

In: 41.531 ± 0.094 $\chi^2/\text{NDF}: 12892.2/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 39.908 ± 0.062 $\chi^2/\text{NDF}: 29598.8/26$

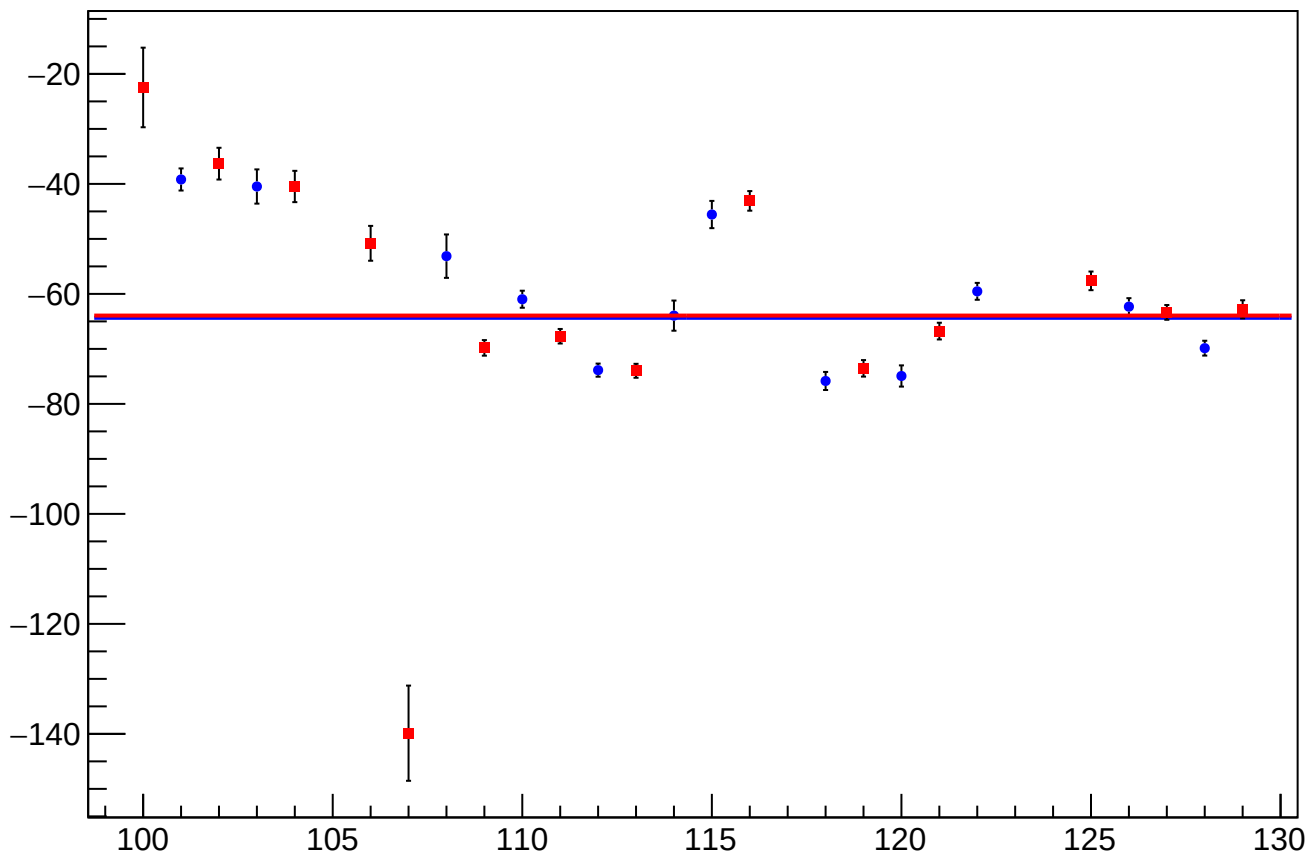
reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001+/-0.006 χ^2/NDF : 3765.2/11
 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: -0.013+/-0.004 χ^2/NDF : 8901.4/26
 In: 0.001+/-0.006 χ^2/NDF : 3765.2/11
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.013+/-0.004 χ^2/NDF : 8901.4/26

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -64.347 $\pm$ 0.509 χ^2 /NDF: 456.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -63.942 $\pm$ 0.470 χ^2 /NDF: 570.4/13

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

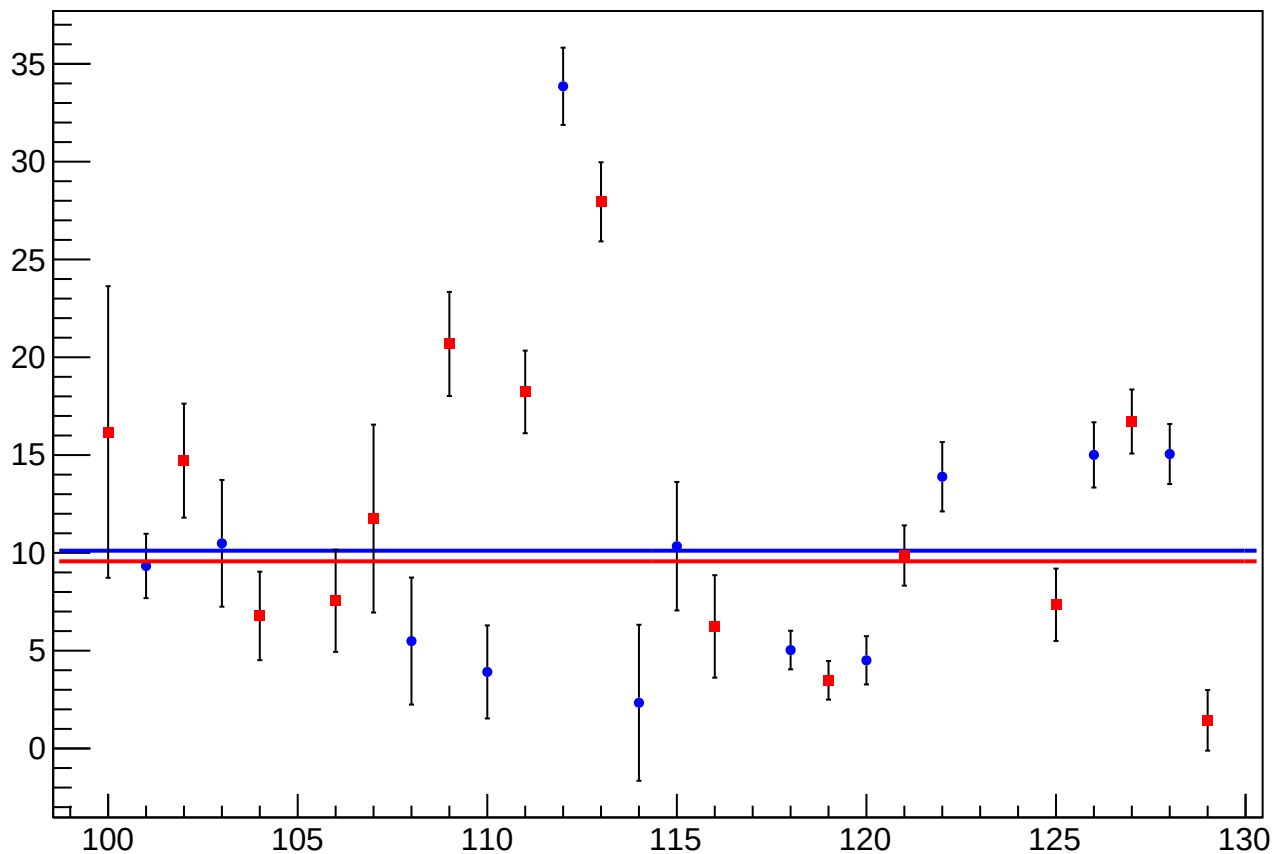
Right: -64.128 $\pm$ 0.345 χ^2 /NDF: 1027.3/25

In: -64.347 $\pm$ 0.509 χ^2 /NDF:456.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -64.128 $\pm$ 0.345 χ^2 /NDF: 1027.3/25

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.111+/-0.504 χ^2/NDF : 228.1/11

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

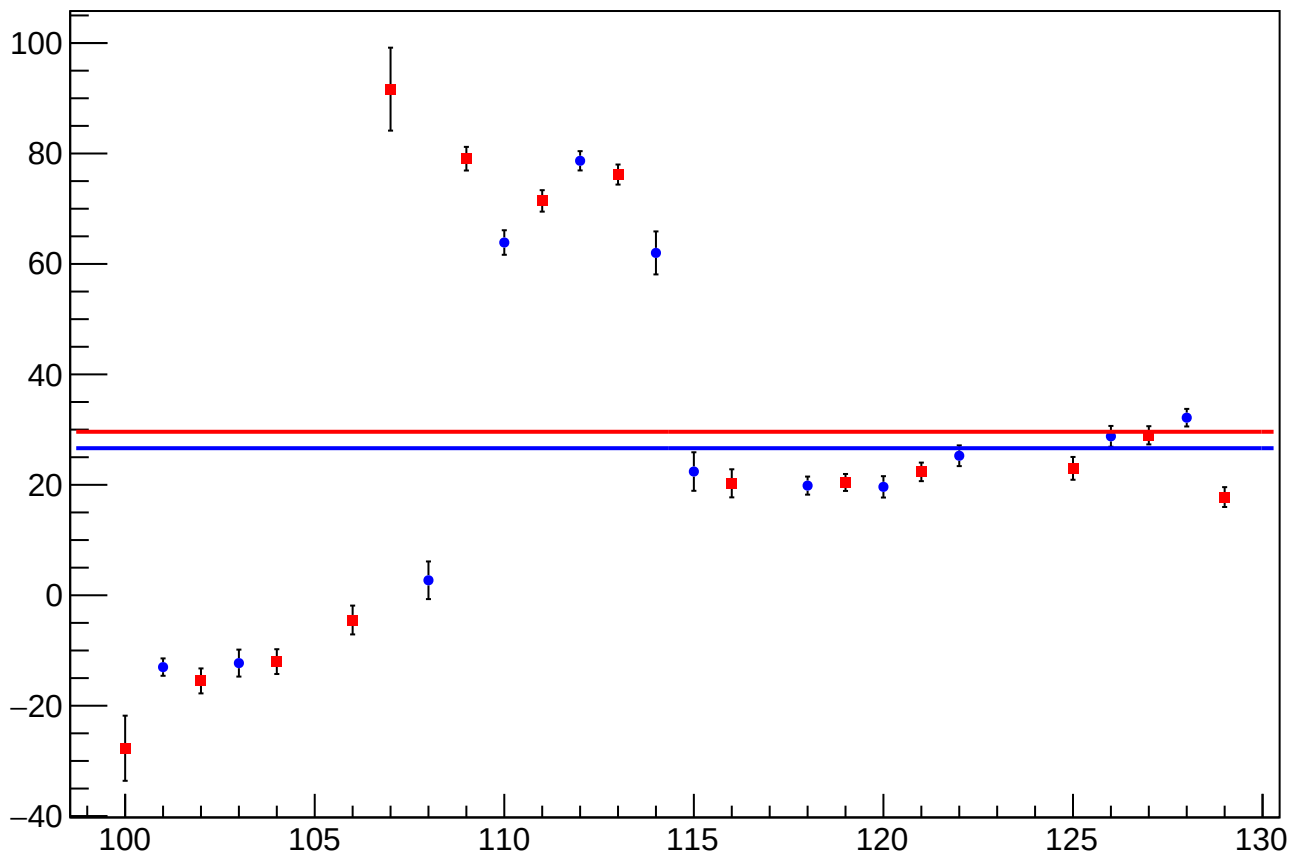
Right: 9.844+/-0.359 χ^2/NDF : 439.4/25

In: 10.111+/-0.504 χ^2/NDF : 228.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.844+/-0.359 χ^2/NDF : 439.4/25

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 26.634+/-0.583 χ^2/NDF : 2235.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

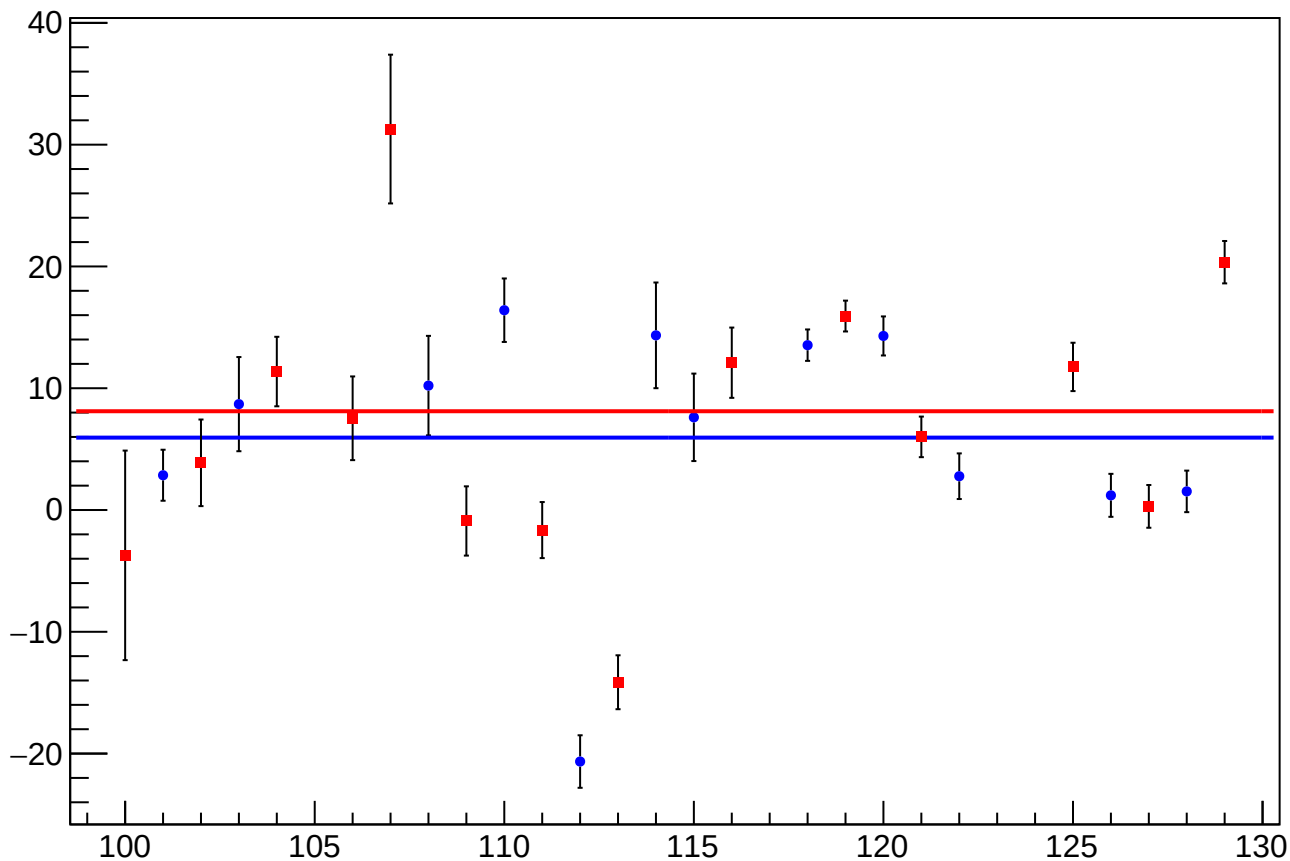
Right: 28.189+/-0.403 χ^2/NDF : 5100.8/25

In: 26.634+/-0.583 χ^2/NDF : 2235.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.189+/-0.403 χ^2/NDF : 5100.8/25

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.944+/-0.599 χ^2/NDF : 254.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

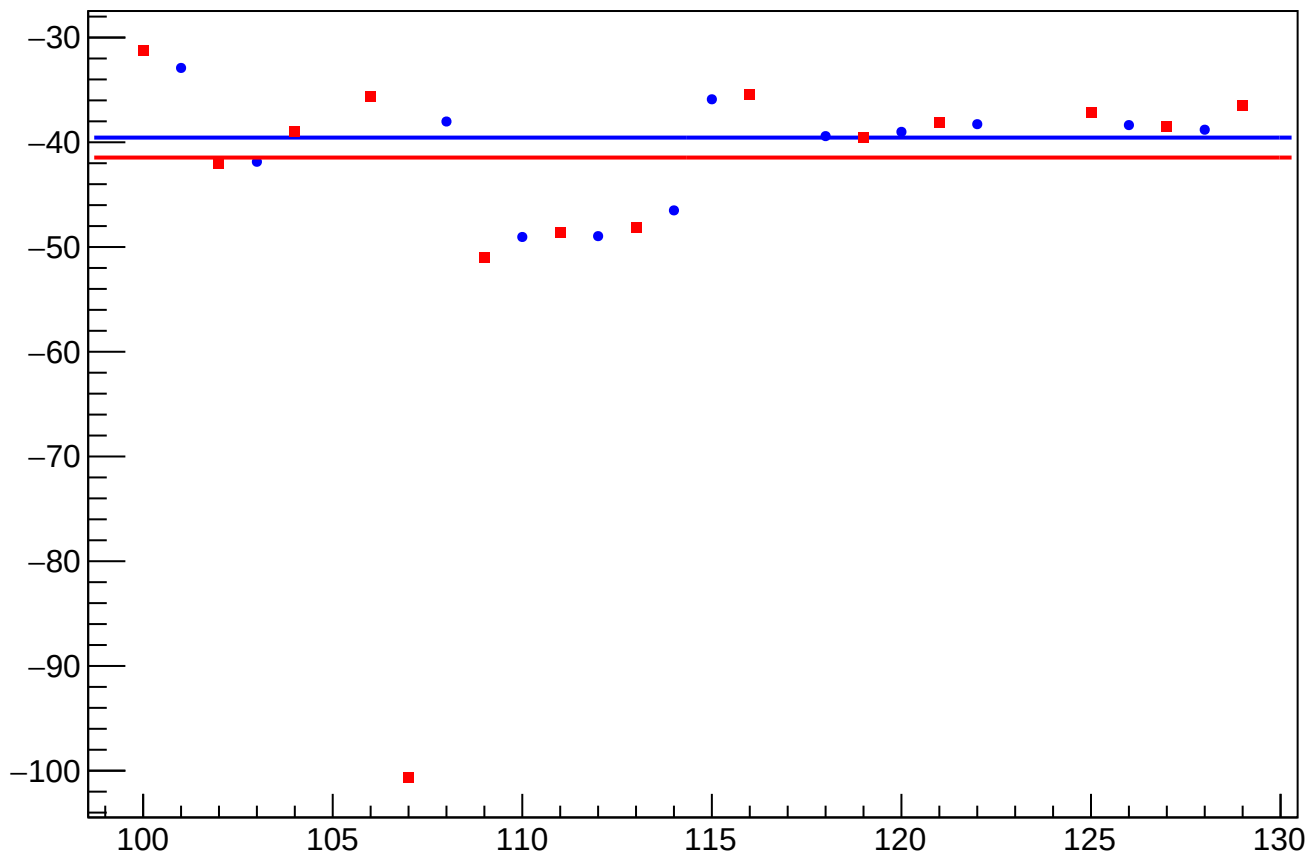
Right: 7.041+/-0.421 χ^2/NDF : 523.4/25

In: 5.944+/-0.599 χ^2/NDF : 254.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.041+/-0.421 χ^2/NDF : 523.4/25

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.552 $\pm$ 0.040 χ^2/NDF : 13987.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -41.458 $\pm$ 0.038 χ^2/NDF : 53870.9/13

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

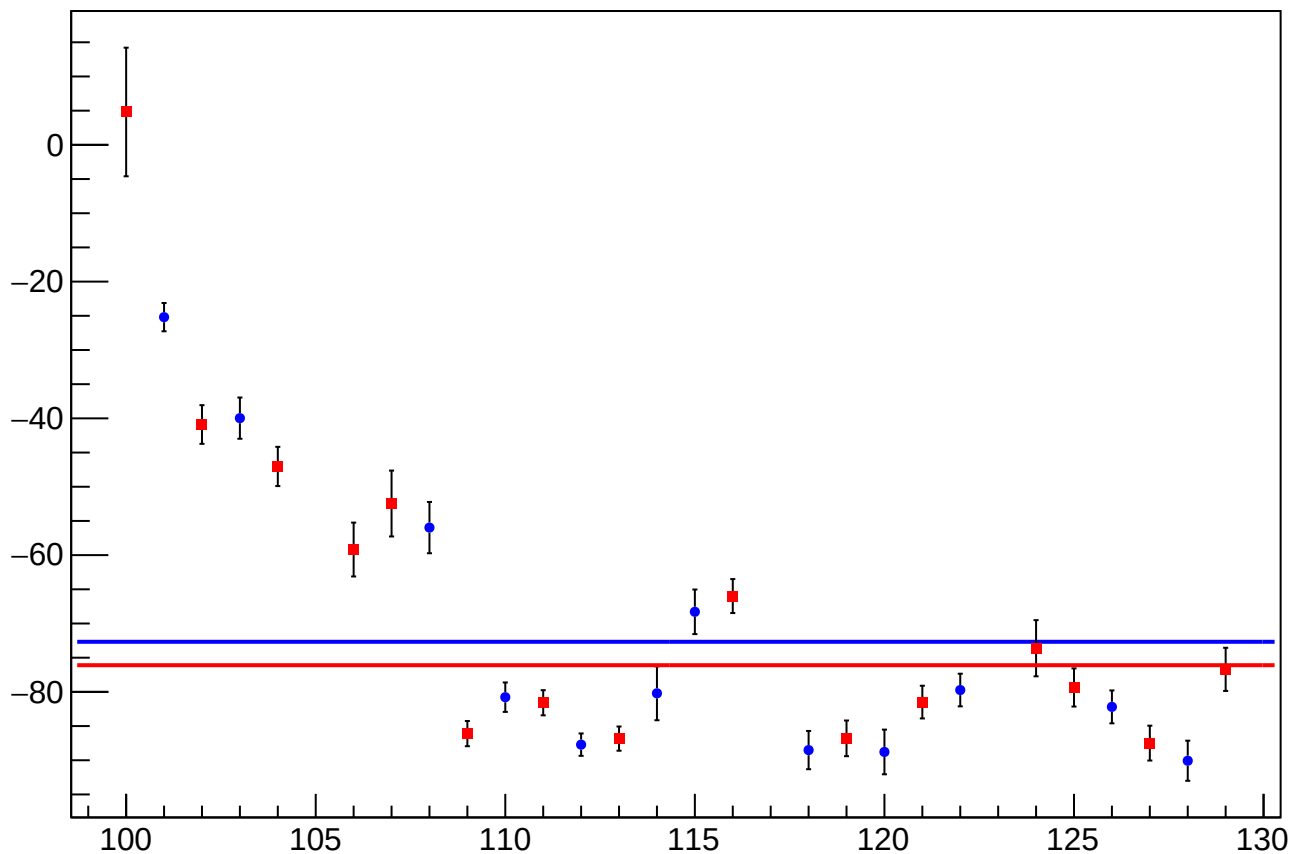
Right: -40.553 $\pm$ 0.028 χ^2/NDF : 69054.5/25

In: -39.552 $\pm$ 0.040 χ^2/NDF : 13987.5/11

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -40.553 $\pm$ 0.028 χ^2/NDF : 69054.5/25

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -72.674 ± 0.736 $\chi^2/\text{NDF}: 883.8/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -76.097 ± 0.674 $\chi^2/\text{NDF}: 509.6/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

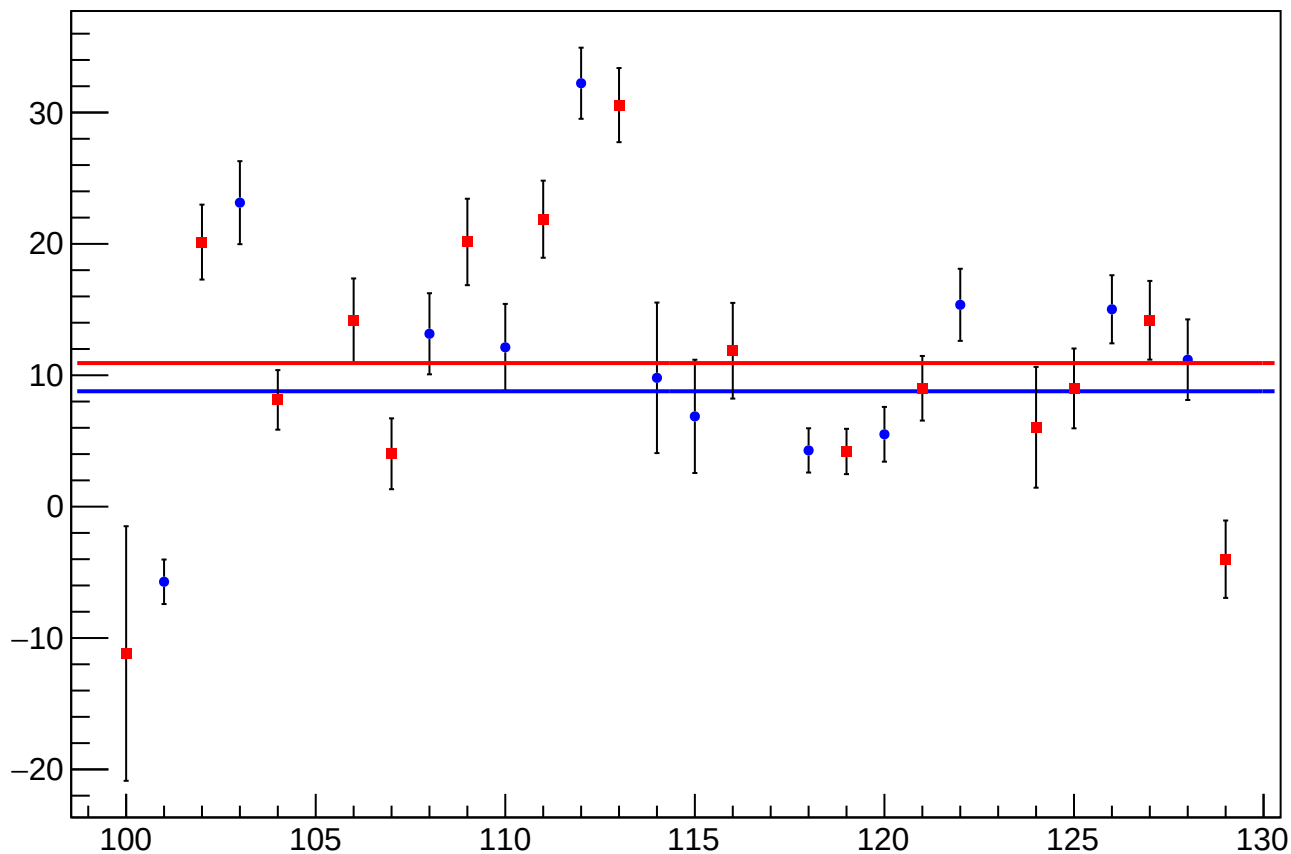
Right: -74.535 ± 0.497 $\chi^2/\text{NDF}: 1405.2/26$

In: -72.674 ± 0.736 $\chi^2/\text{NDF}: 883.8/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -74.535 ± 0.497 $\chi^2/\text{NDF}: 1405.2/26$

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.782 ± 0.738 χ^2/NDF : 193.9/11

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

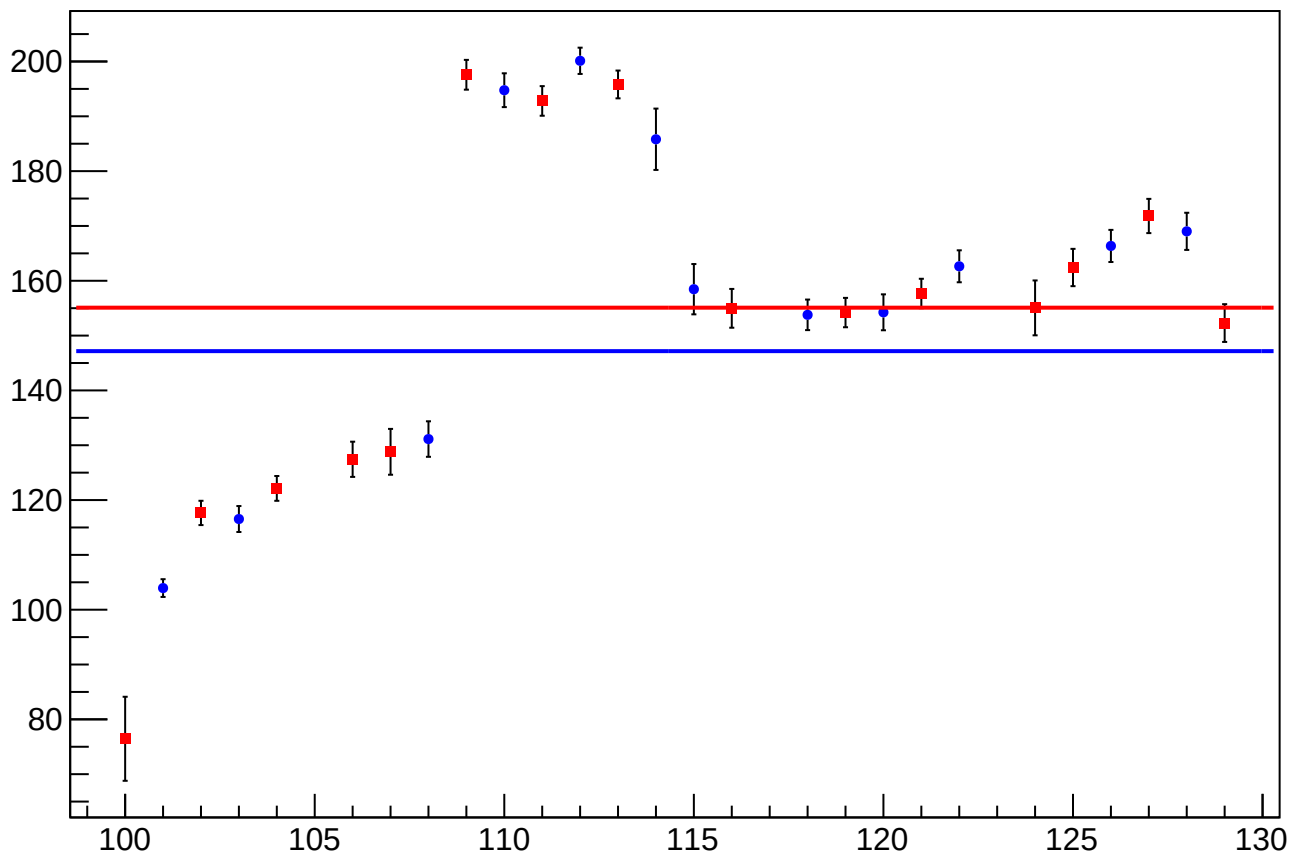
Right: 9.862 ± 0.520 χ^2/NDF : 337.4/26

In: 8.782 ± 0.738 χ^2/NDF : 193.9/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 9.862 ± 0.520 χ^2/NDF : 337.4/26

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 147.165+/-0.801 χ^2/NDF : 1807.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.093+/-0.774 χ^2/NDF : 1449.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

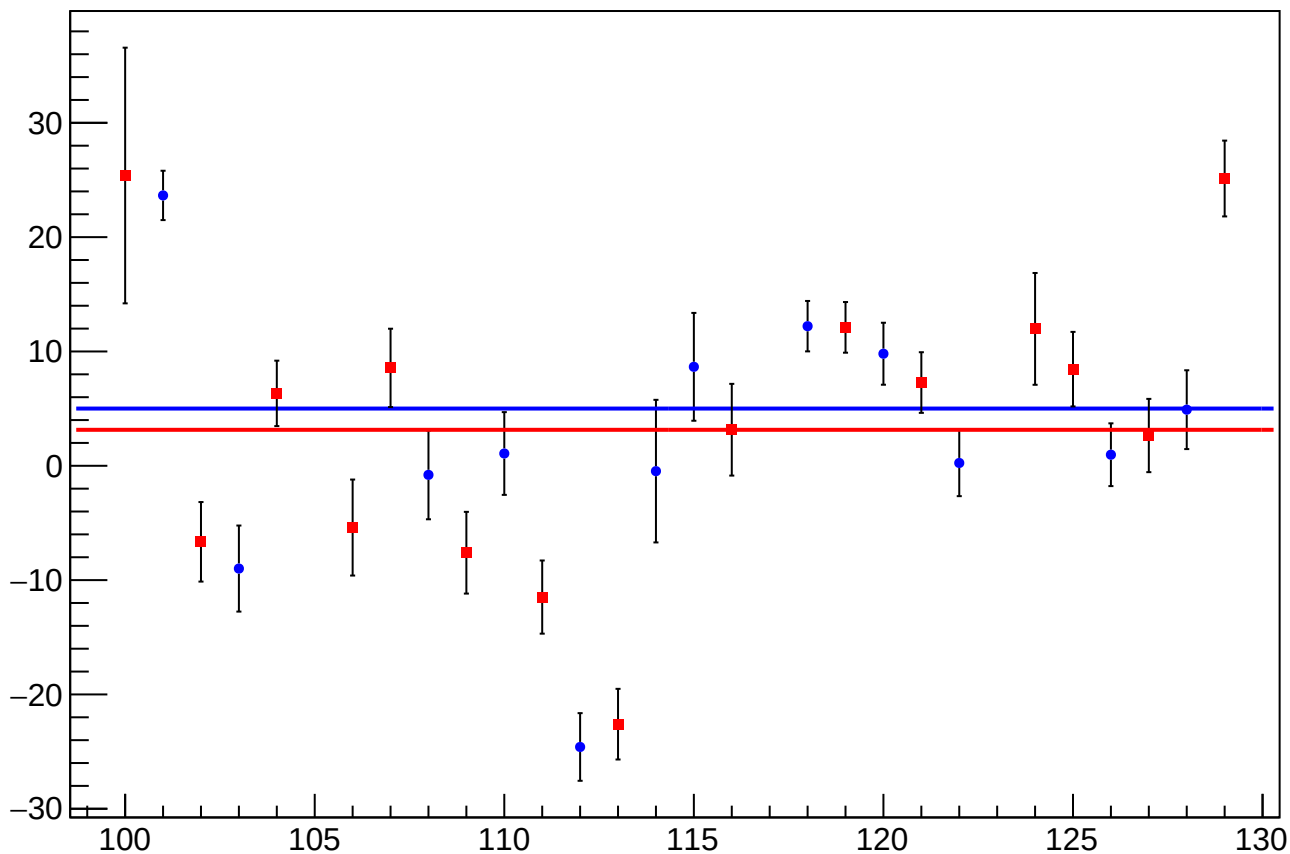
Right: 151.269+/-0.557 χ^2/NDF : 3307.5/26

In: 147.165+/-0.801 χ^2/NDF : 1807.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.269+/-0.557 χ^2/NDF : 3307.5/26

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.006+/-0.880 χ^2/NDF : 212.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

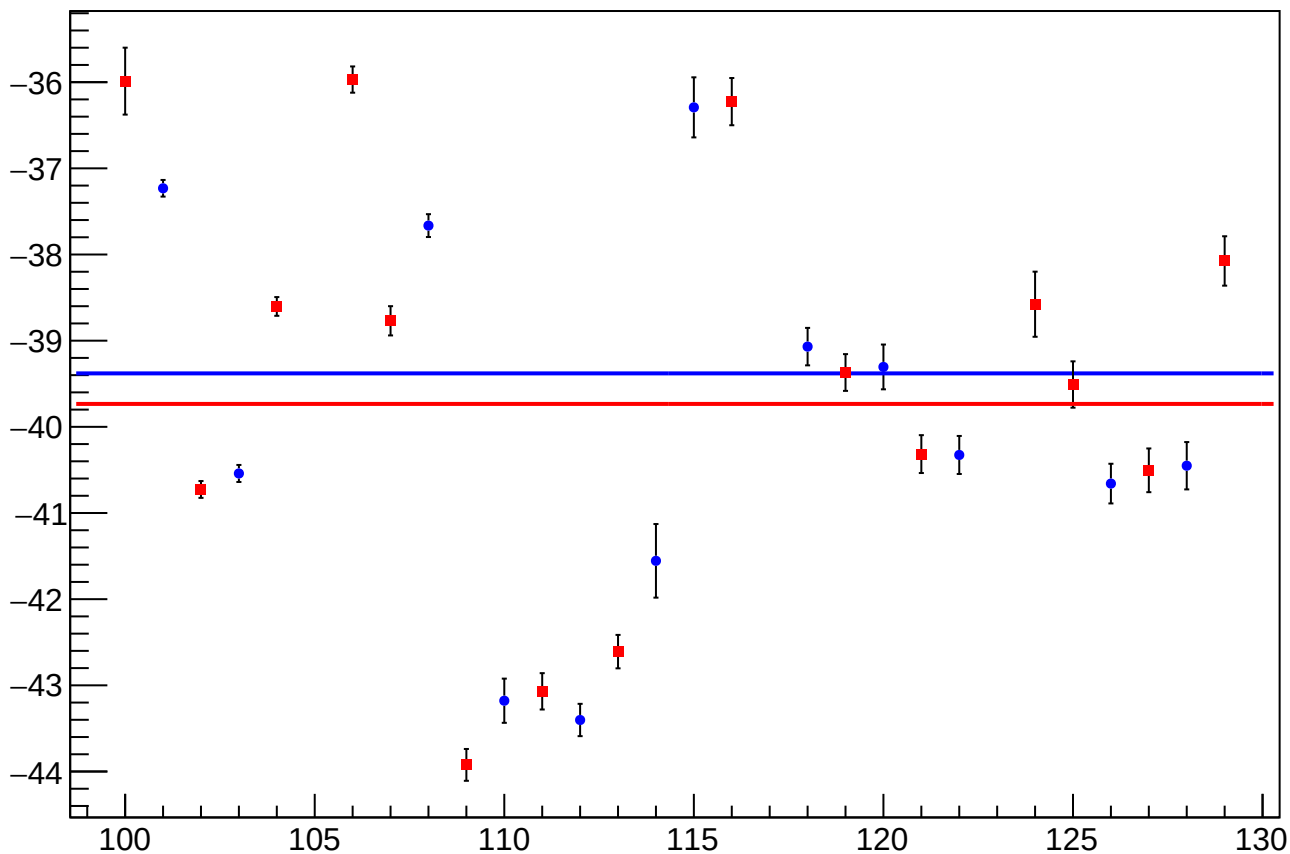
Right: 4.049+/-0.613 χ^2/NDF : 402.1/26

In: 5.006+/-0.880 χ^2/NDF : 212.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.049+/-0.613 χ^2/NDF : 402.1/26

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.380 ± 0.049 χ^2/NDF : 1650.6/11

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

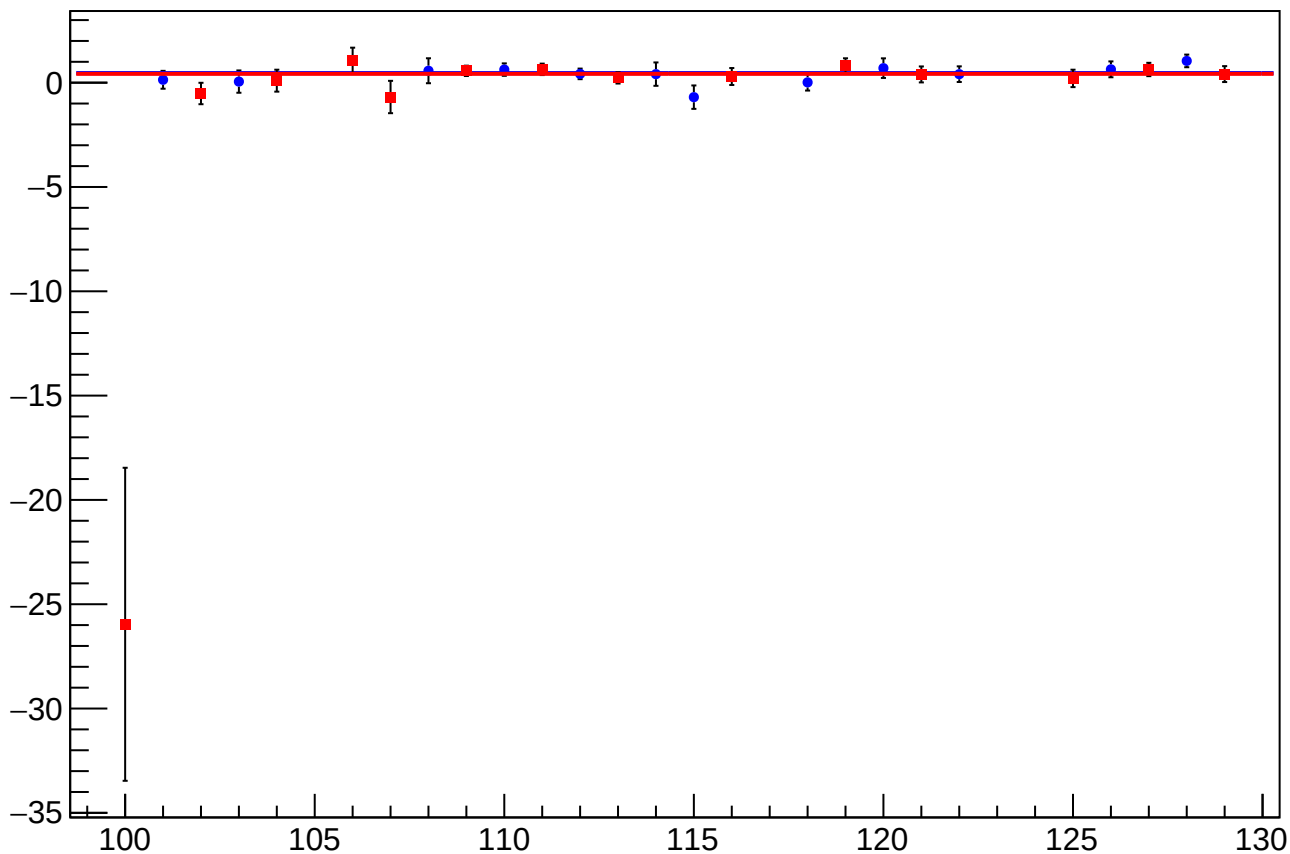
Right: -39.566 ± 0.034 χ^2/NDF : 3836.4/26

In: -39.380 ± 0.049 χ^2/NDF : 1650.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.566 ± 0.034 χ^2/NDF : 3836.4/26

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.460 $\pm$ 0.111 χ^2 /NDF: 11.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.423 $\pm$ 0.101 χ^2 /NDF: 22.8/13

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

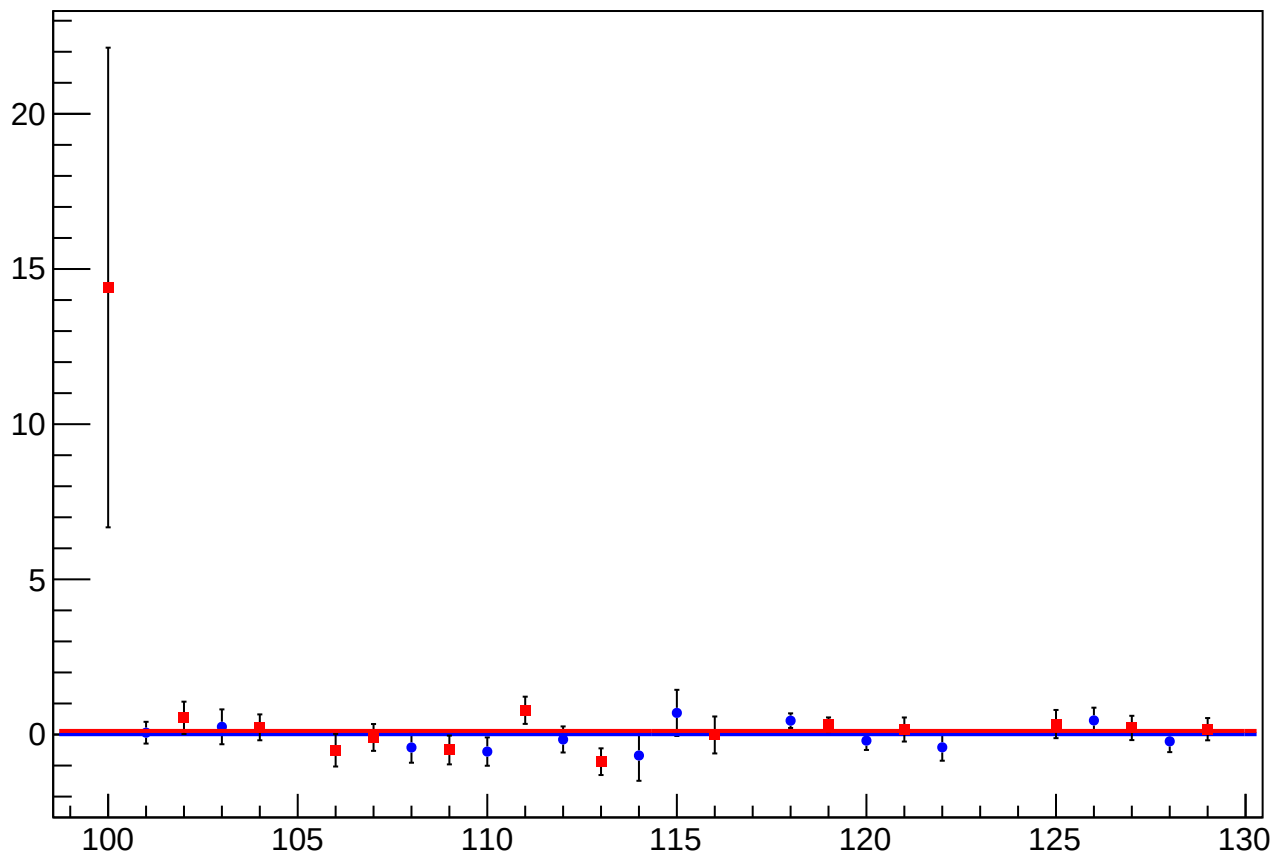
Right: 0.440 $\pm$ 0.075 χ^2 /NDF: 34.1/25

In: 0.460 $\pm$ 0.111 χ^2 /NDF:11.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.440 $\pm$ 0.075 χ^2 /NDF: 34.1/25

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.010+/-0.113 χ^2/NDF : 10.6/11

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

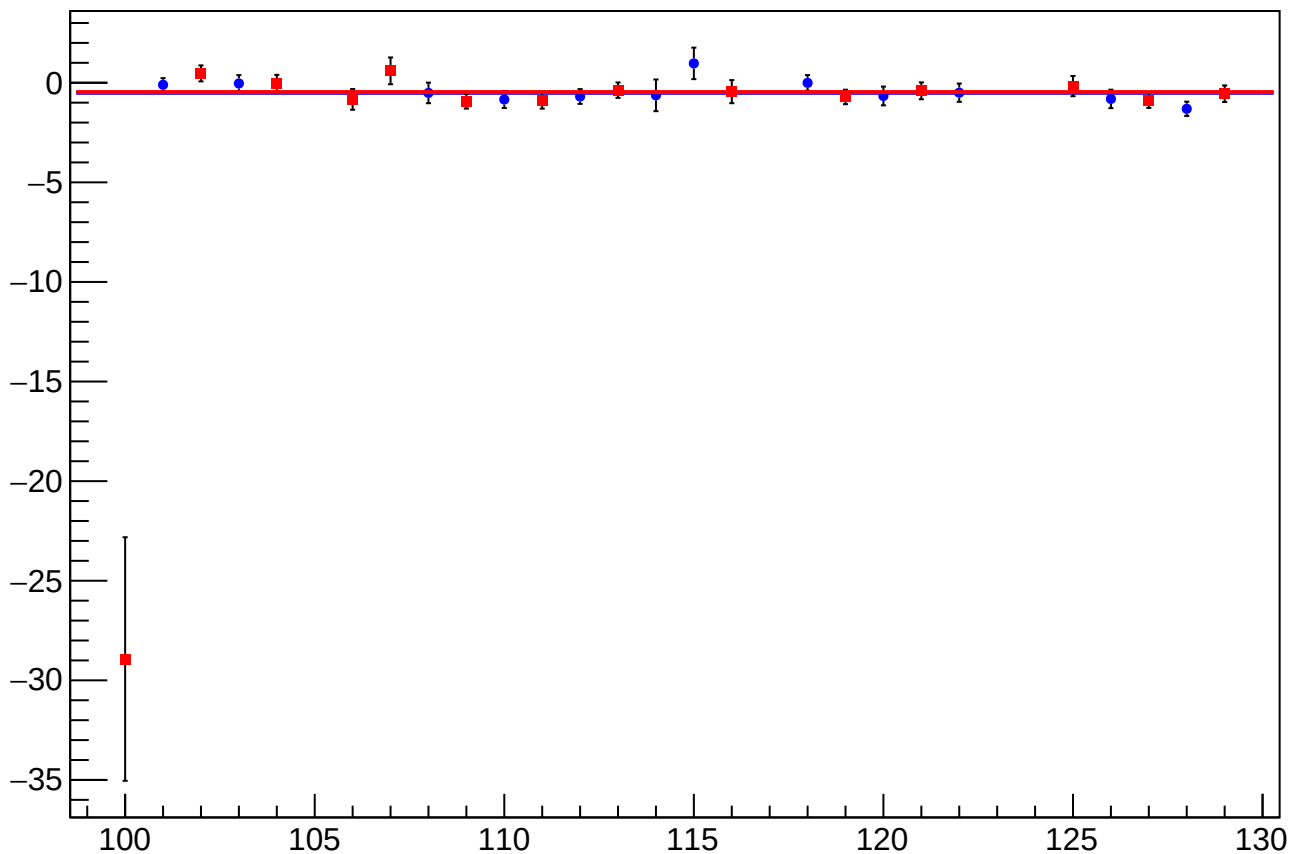
Right: 0.064+/-0.080 χ^2/NDF : 27.3/25

In: 0.010+/-0.113 χ^2/NDF : 10.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.064+/-0.080 χ^2/NDF : 27.3/25

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.504 ± 0.126 $\chi^2/\text{NDF}: 14.3/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.469 ± 0.119 $\chi^2/\text{NDF}: 35.9/13$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

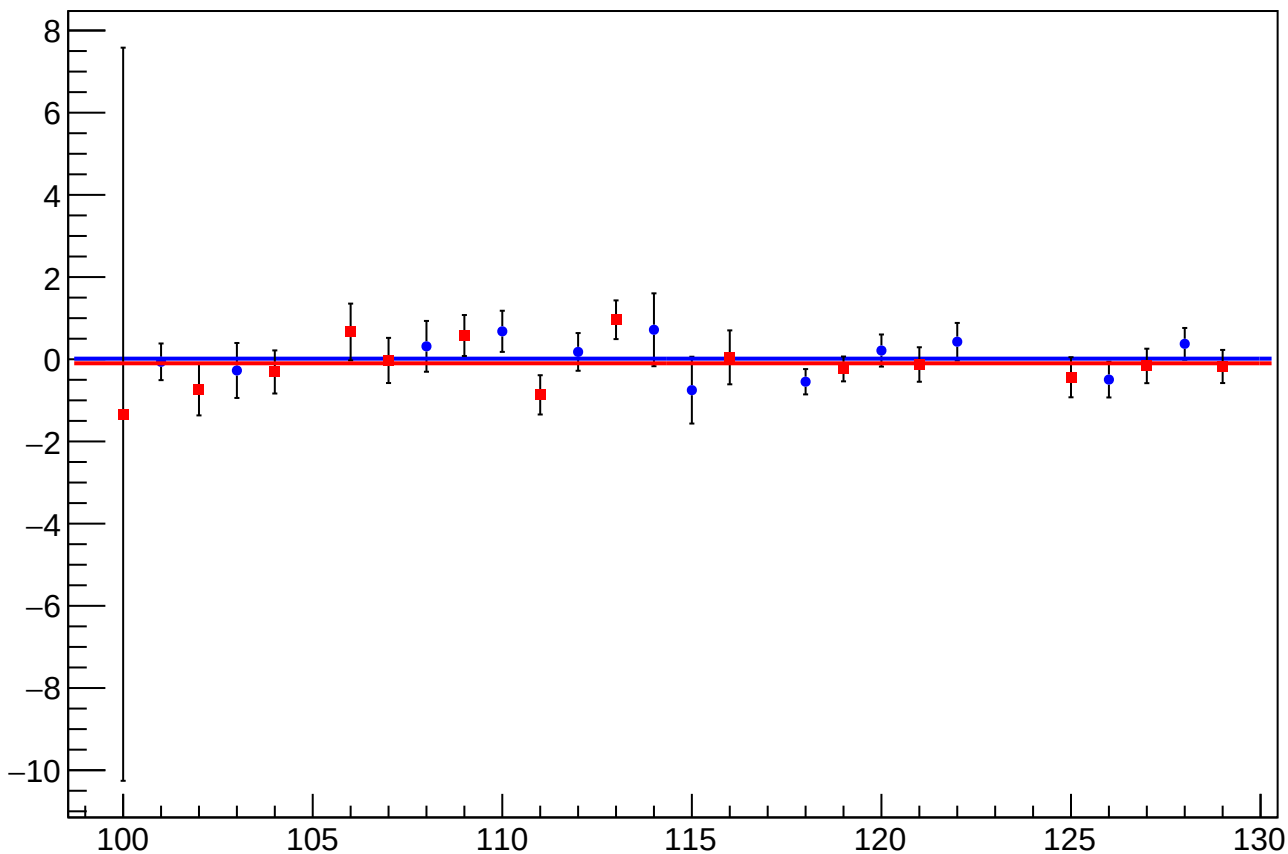
Right: -0.486 ± 0.087 $\chi^2/\text{NDF}: 50.2/25$

In: -0.504 ± 0.126 $\chi^2/\text{NDF}: 14.3/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.486 ± 0.087 $\chi^2/\text{NDF}: 50.2/25$

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.015+/-0.134 χ^2/NDF : 10.5/11

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

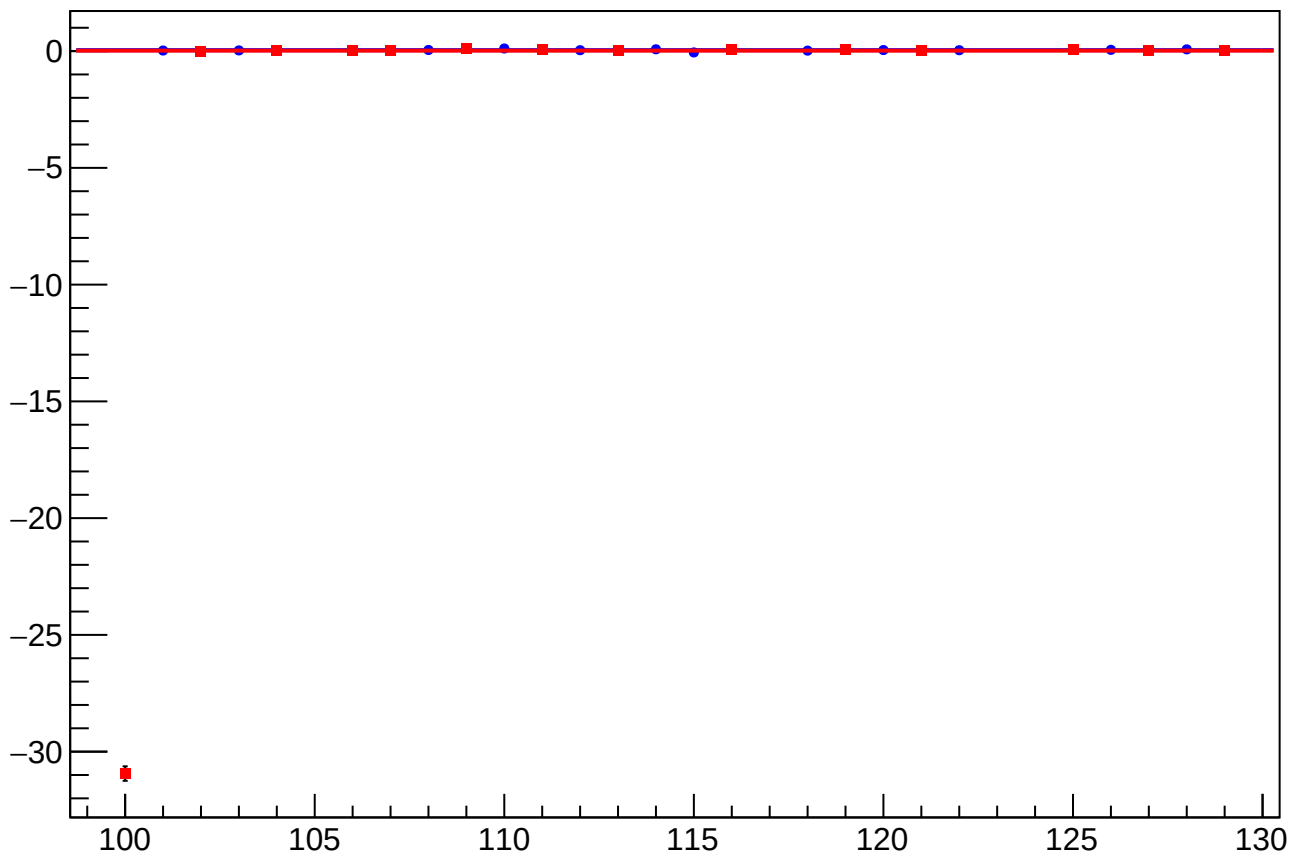
Right: -0.044+/-0.093 χ^2/NDF : 23.6/25

In: 0.015+/-0.134 χ^2/NDF :10.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.044+/-0.093 χ^2/NDF : 23.6/25

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.041+/-0.008 χ^2/NDF : 10.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-0.008 χ^2/NDF : 10010.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

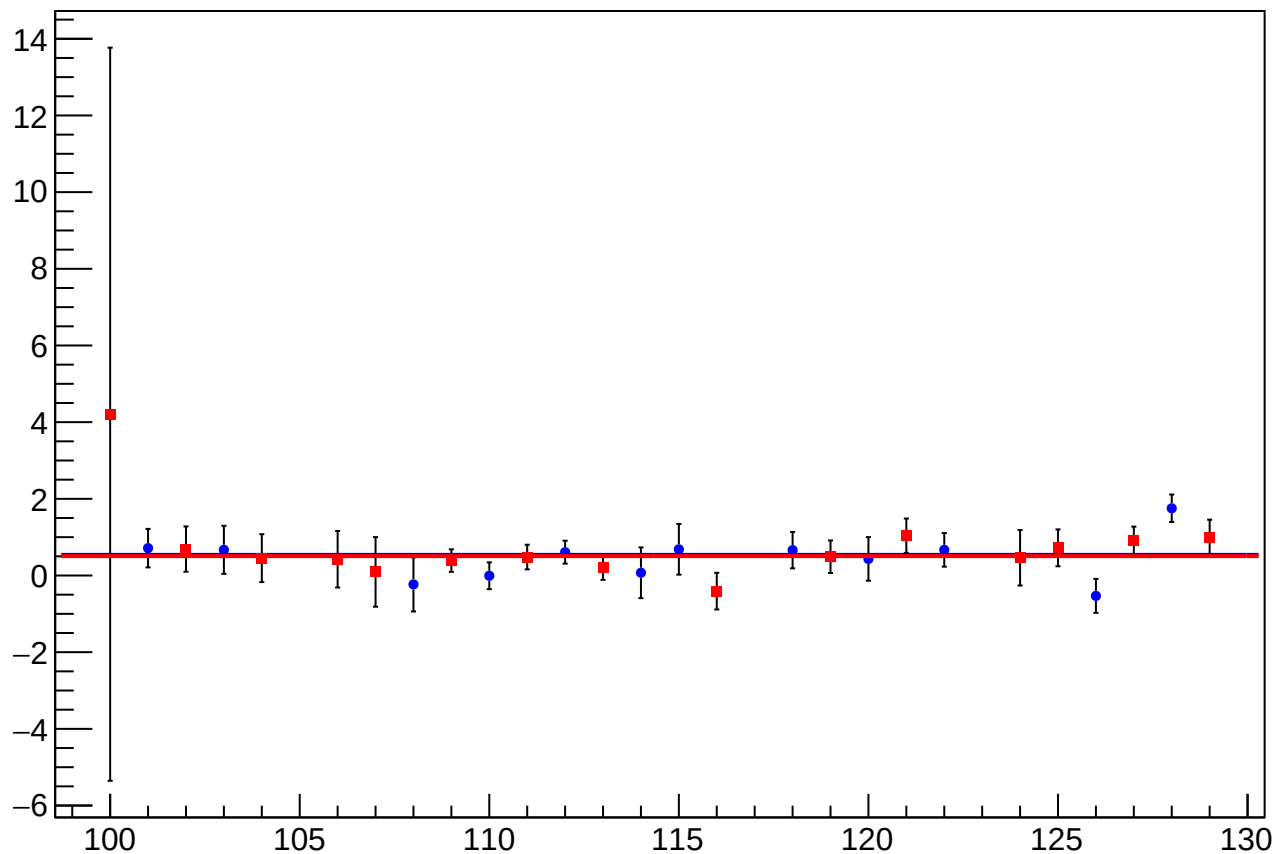
Right: 0.030+/-0.006 χ^2/NDF : 10023.7/25

In: 0.041+/-0.008 χ^2/NDF : 10.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.030+/-0.006 χ^2/NDF : 10023.7/25

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.538 $\pm$ 0.131 χ^2 /NDF: 22.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.505 $\pm$ 0.117 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

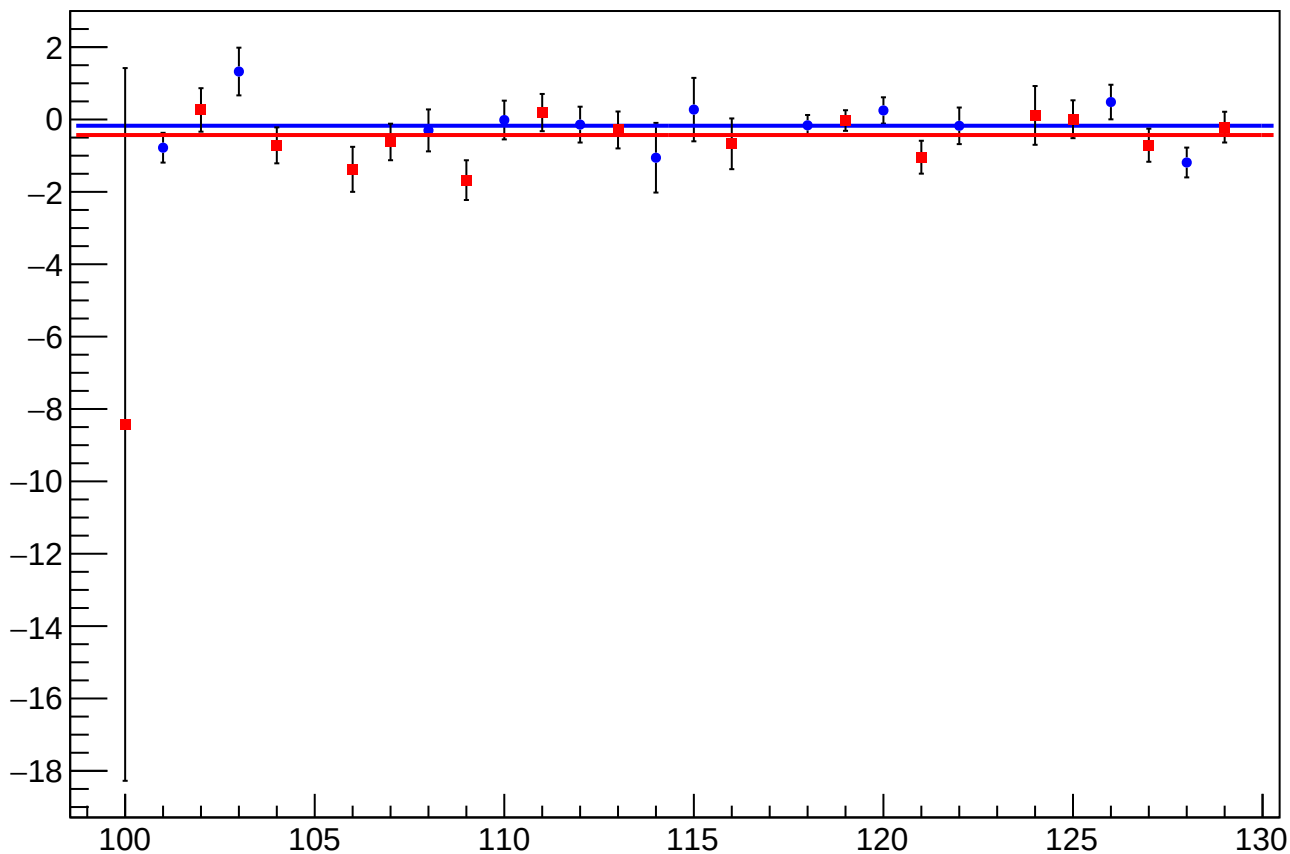
Right: 0.520 $\pm$ 0.087 χ^2 /NDF: 31.1/26

In: 0.538 $\pm$ 0.131 χ^2 /NDF:22.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.520 $\pm$ 0.087 χ^2 /NDF: 31.1/26

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.173 ± 0.135 χ^2/NDF : 17.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.430 ± 0.130 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

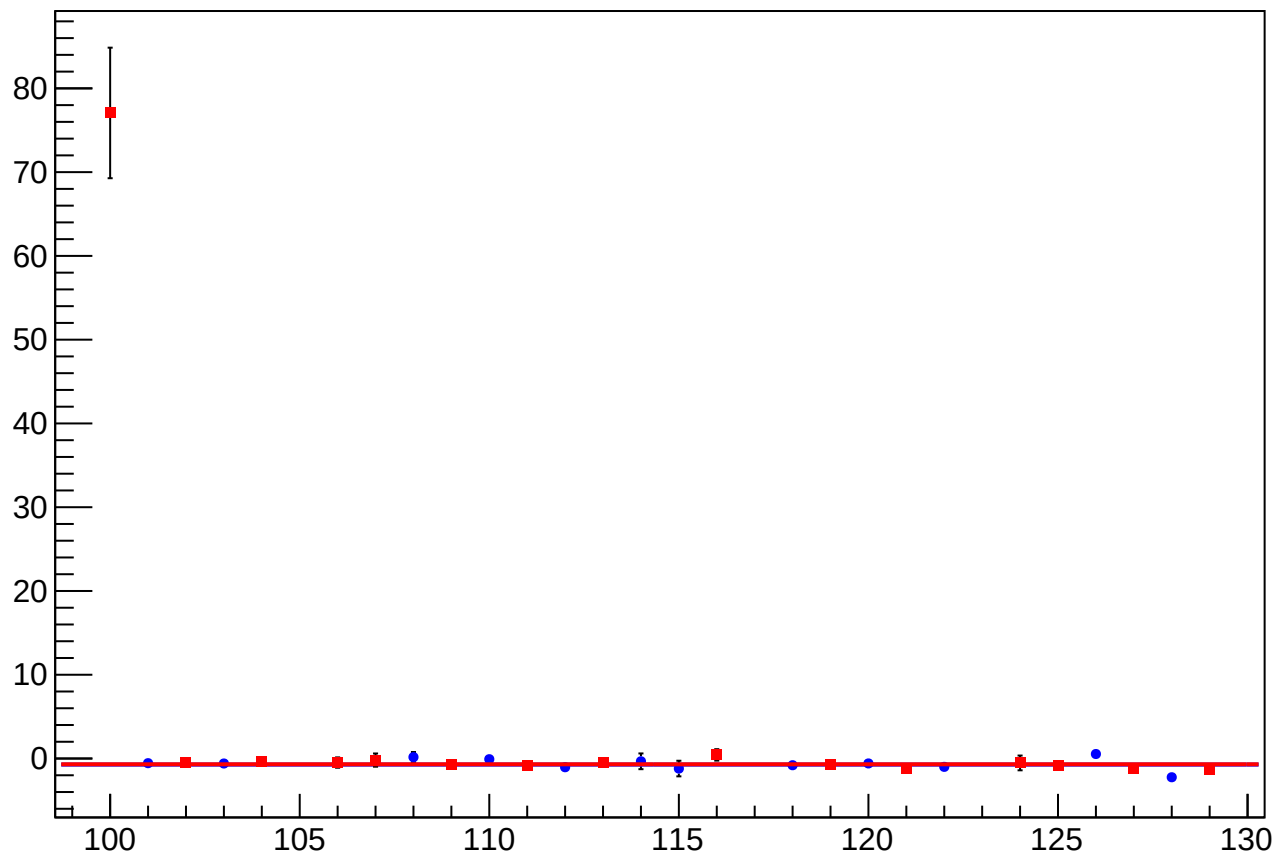
Right: -0.305 ± 0.094 χ^2/NDF : 37.0/26

In: -0.173 ± 0.135 χ^2/NDF : 17.9/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.305 ± 0.094 χ^2/NDF : 37.0/26

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.727 ± 0.149 χ^2/NDF : 23.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.689 ± 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

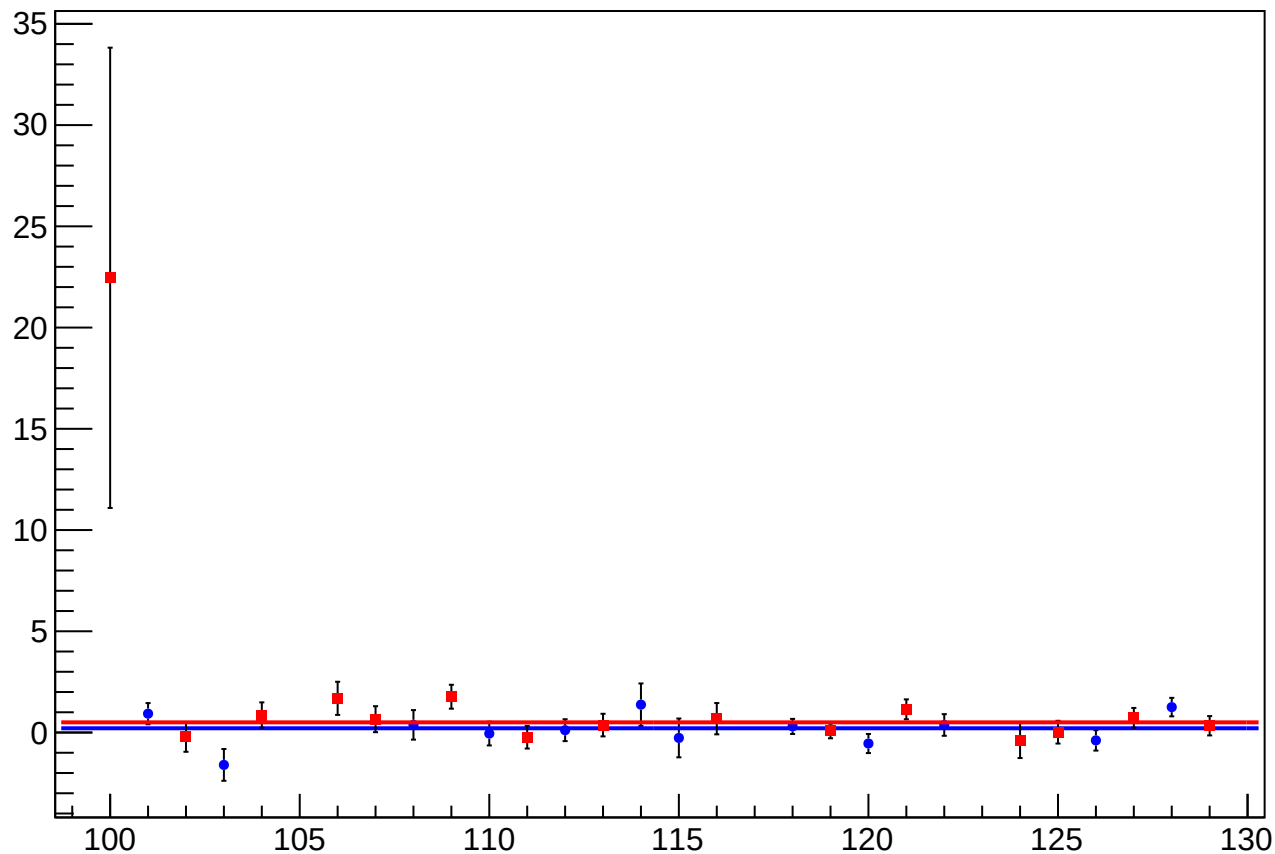
Right: -0.706 ± 0.102 χ^2/NDF : 131.6/26

In: -0.727 ± 0.149 χ^2/NDF : 23.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.706 ± 0.102 χ^2/NDF : 131.6/26

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.209 $\pm$ 0.159 χ^2 /NDF: 18.3/11

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

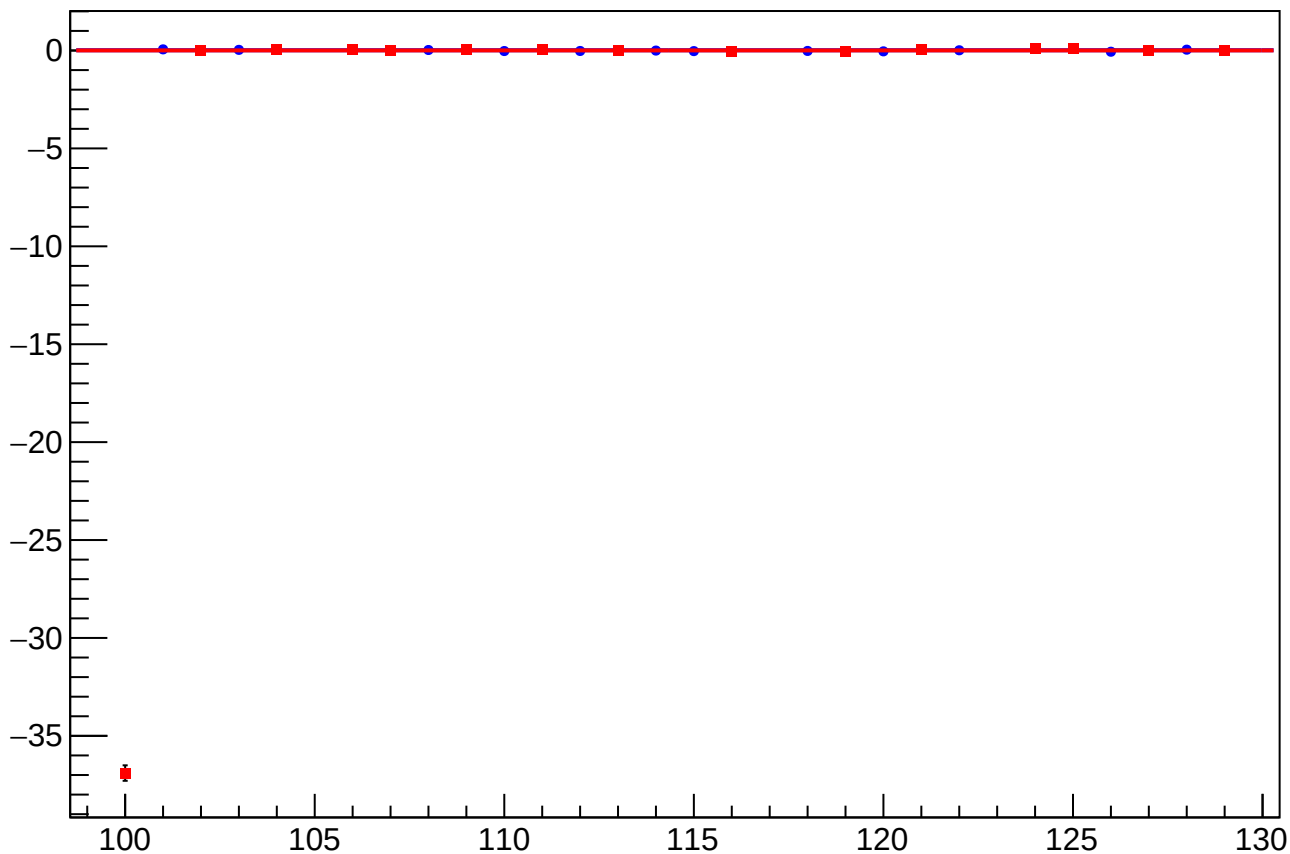
Right: 0.364 $\pm$ 0.110 χ^2 /NDF: 38.9/26

In: 0.209 $\pm$ 0.159 χ^2 /NDF:18.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.364 $\pm$ 0.110 χ^2 /NDF: 38.9/26

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.010 χ^2 /NDF: 13.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.009 χ^2 /NDF: 8749.9/14

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

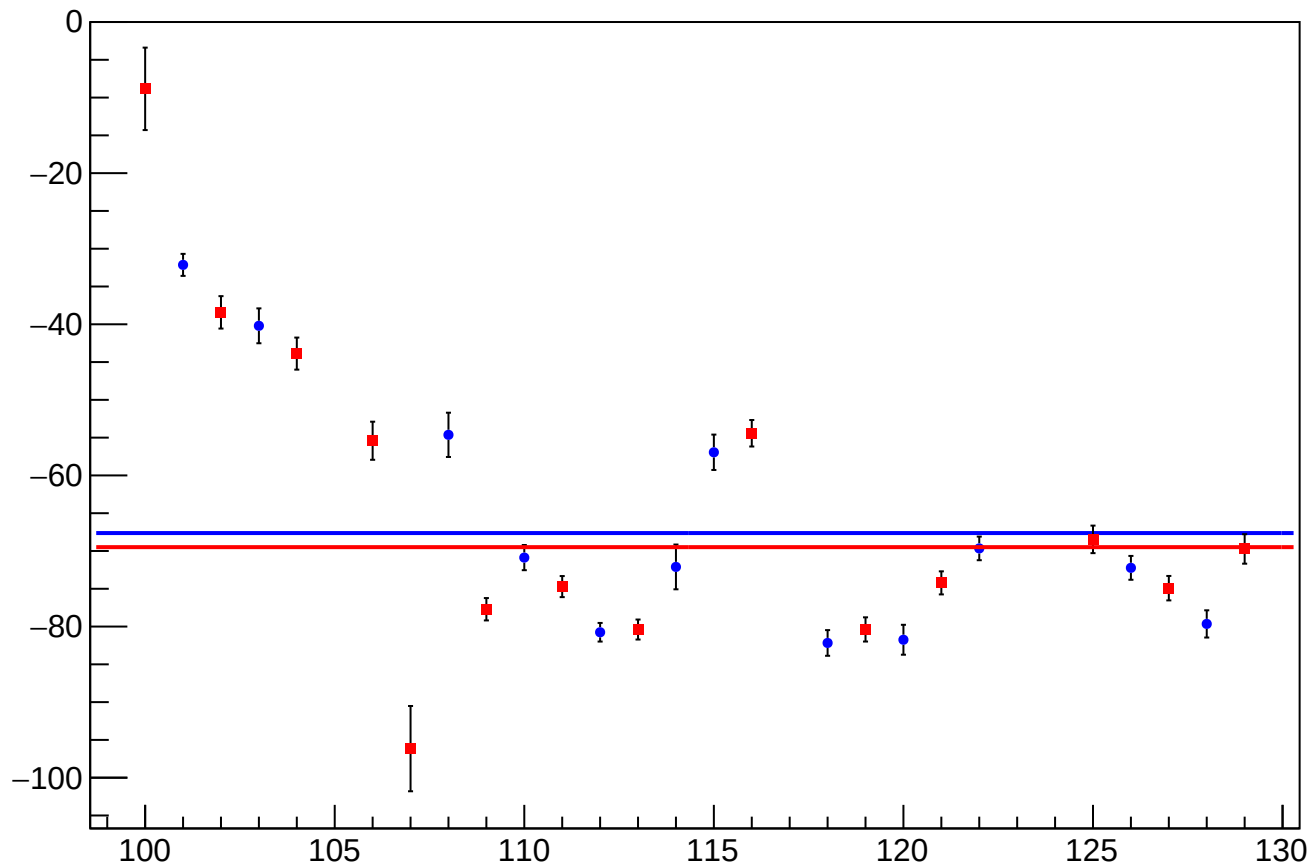
Right: 0.009 $\pm$ 0.006 χ^2 /NDF: 8764.1/26

In: 0.014 $\pm$ 0.010 χ^2 /NDF:13.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.006 χ^2 /NDF: 8764.1/26

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -67.627 ± 0.512 χ^2/NDF : 1073.7/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -69.491 ± 0.483 χ^2/NDF : 786.6/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

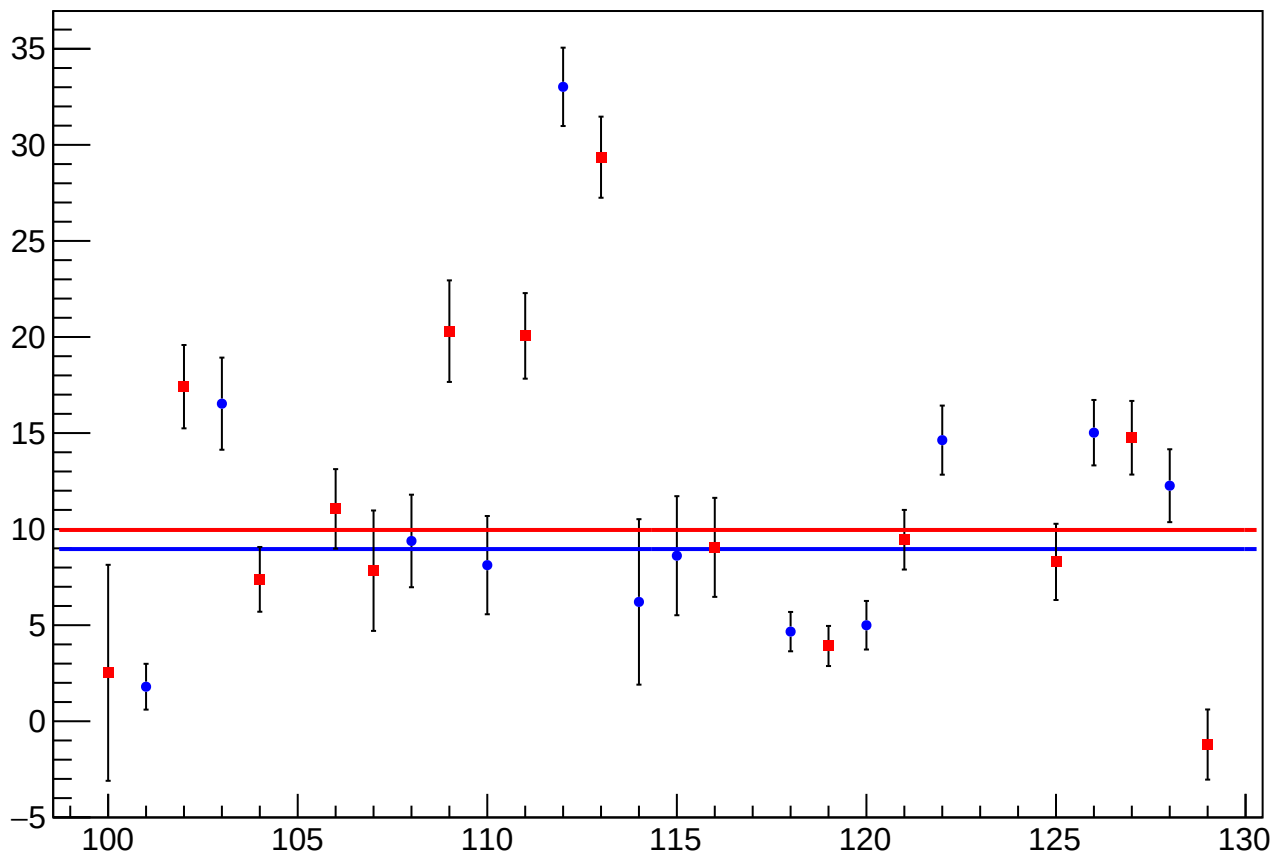
Right: -68.615 ± 0.351 χ^2/NDF : 1867.3/25

In: -67.627 ± 0.512 χ^2/NDF : 1073.7/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -68.615 ± 0.351 χ^2/NDF : 1867.3/25

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.963+/-0.493 χ^2/NDF : 238.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.957+/-0.512 χ^2/NDF : 215.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

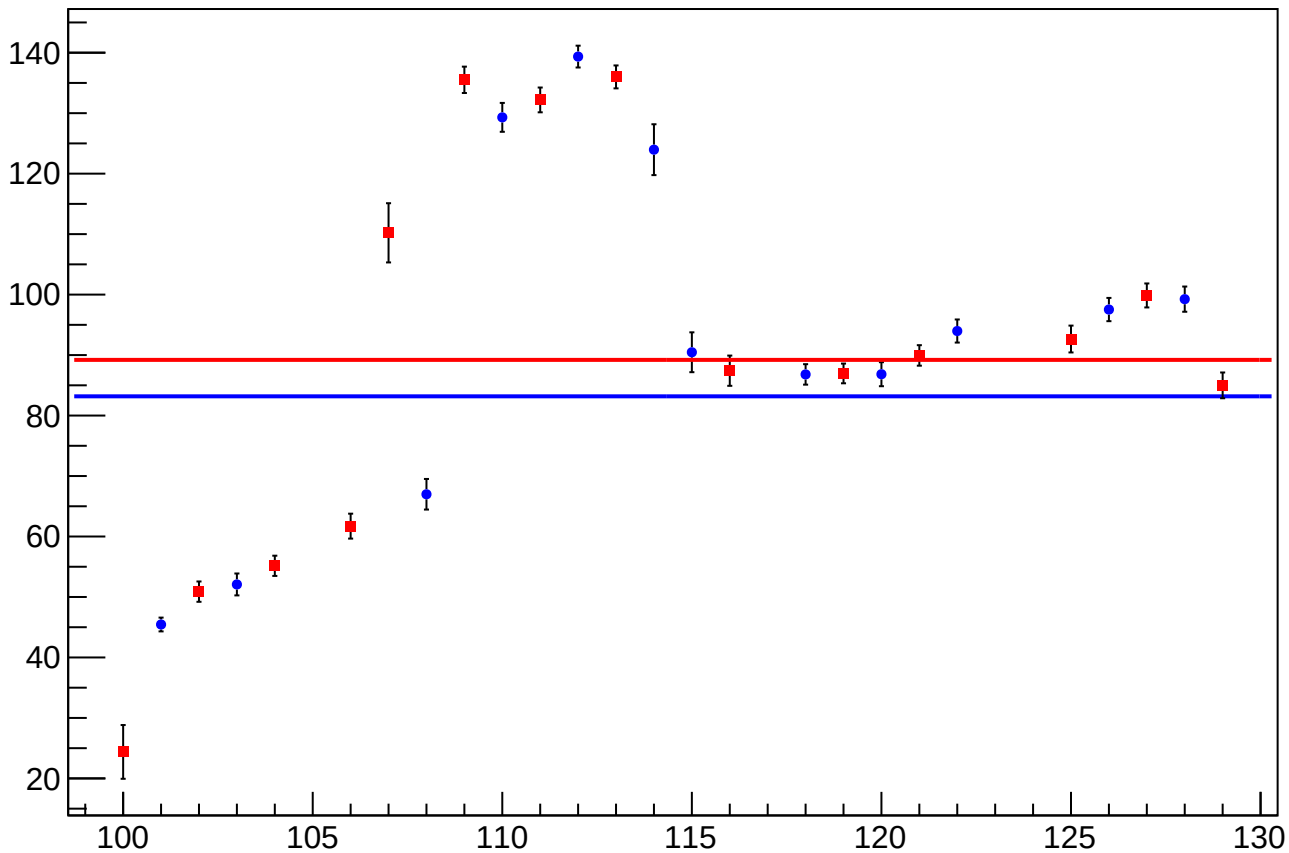
Right: 9.441+/-0.355 χ^2/NDF : 456.0/25

In: 8.963+/-0.493 χ^2/NDF : 238.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.441+/-0.355 χ^2/NDF : 456.0/25

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 83.179+/-0.556 χ^2 /NDF: 3027.7/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 89.205+/-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

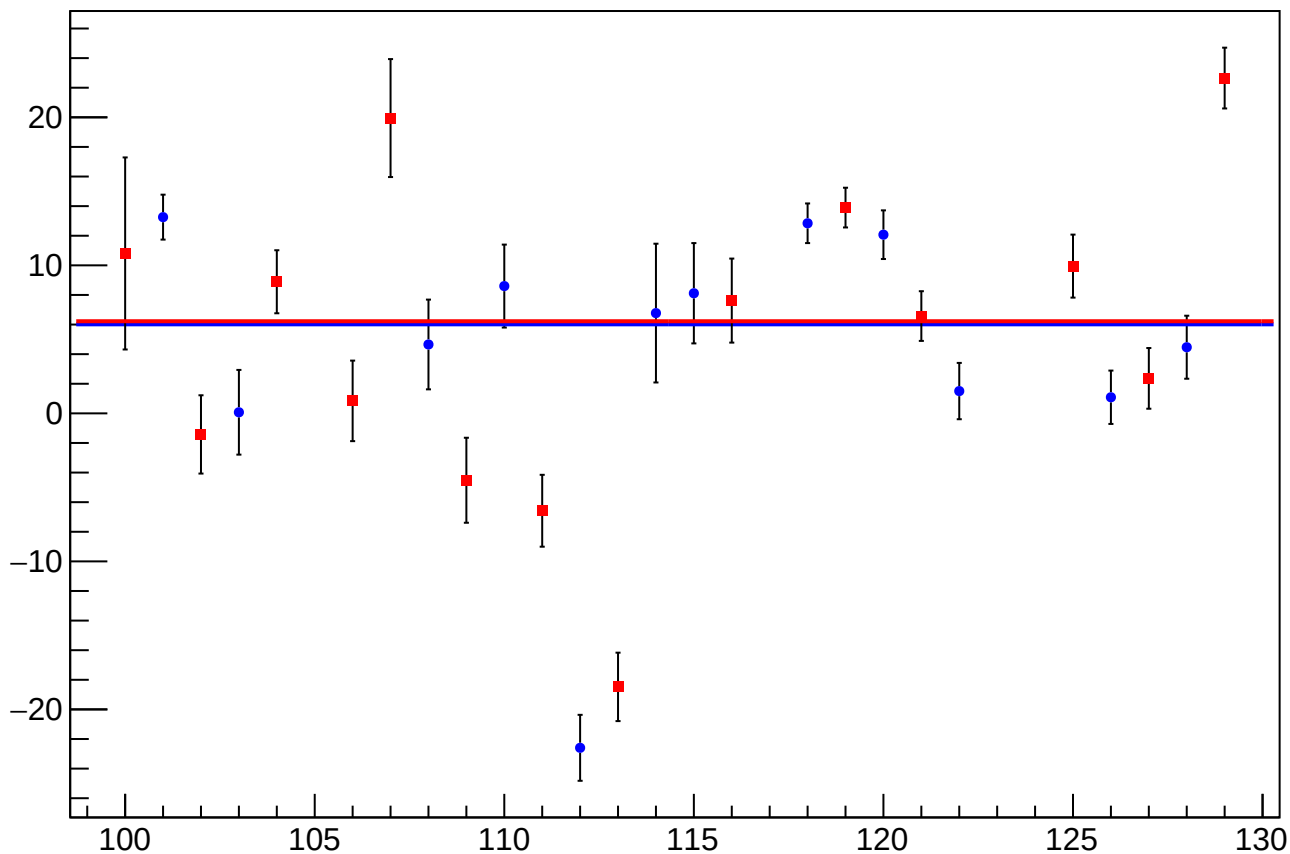
Right: 86.233+/-0.390 χ^2 /NDF: 5969.2/25

In: 83.179+/-0.556 χ^2 /NDF:3027.7/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 86.233+/-0.390 χ^2 /NDF: 5969.2/25

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.015+/-0.591 χ^2/NDF : 246.6/11

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

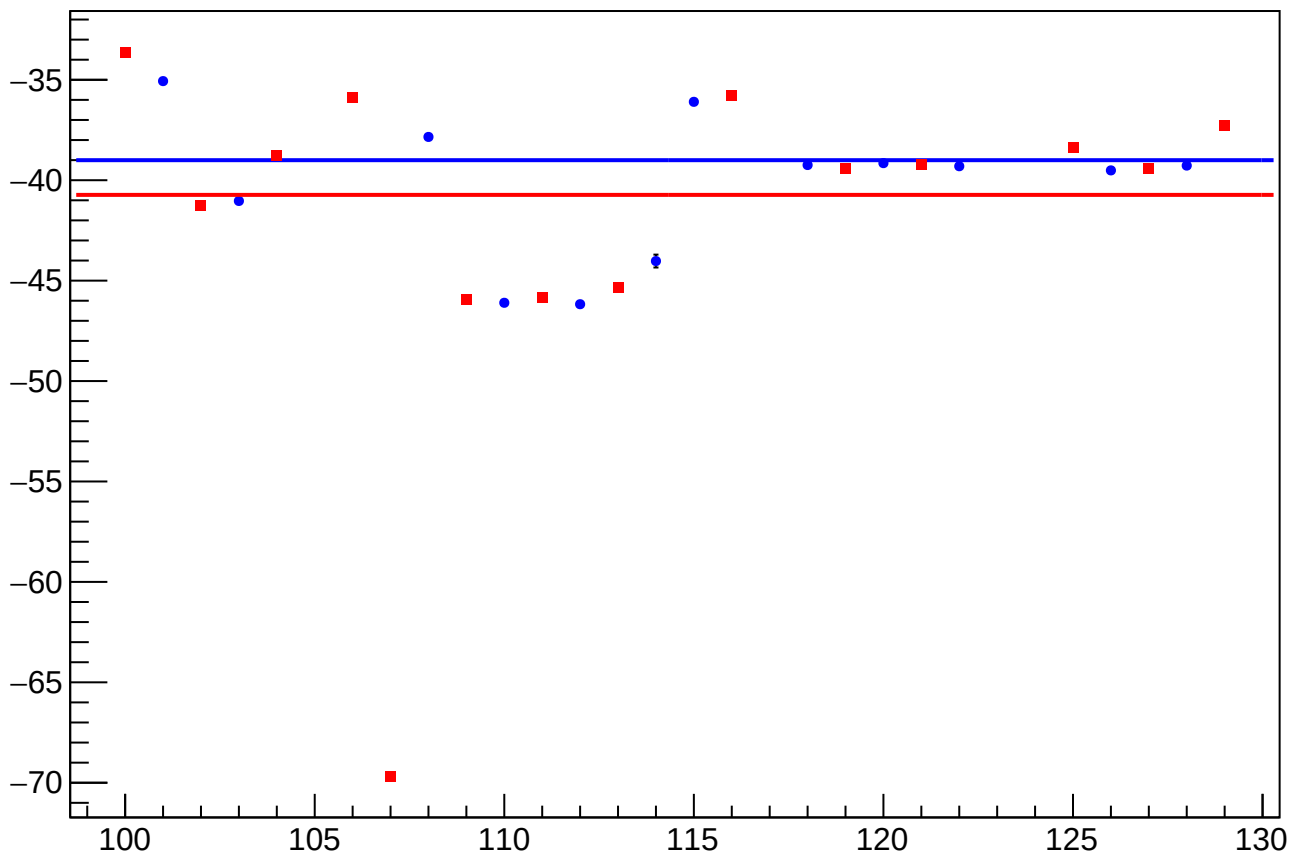
Right: 6.118+/-0.421 χ^2/NDF : 532.6/25

In: 6.015+/-0.591 χ^2/NDF : 246.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.118+/-0.421 χ^2/NDF : 532.6/25

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.002 $\pm$ 0.035 χ^2 /NDF: 8464.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -40.730 $\pm$ 0.034 χ^2 /NDF: 30102.1/13

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

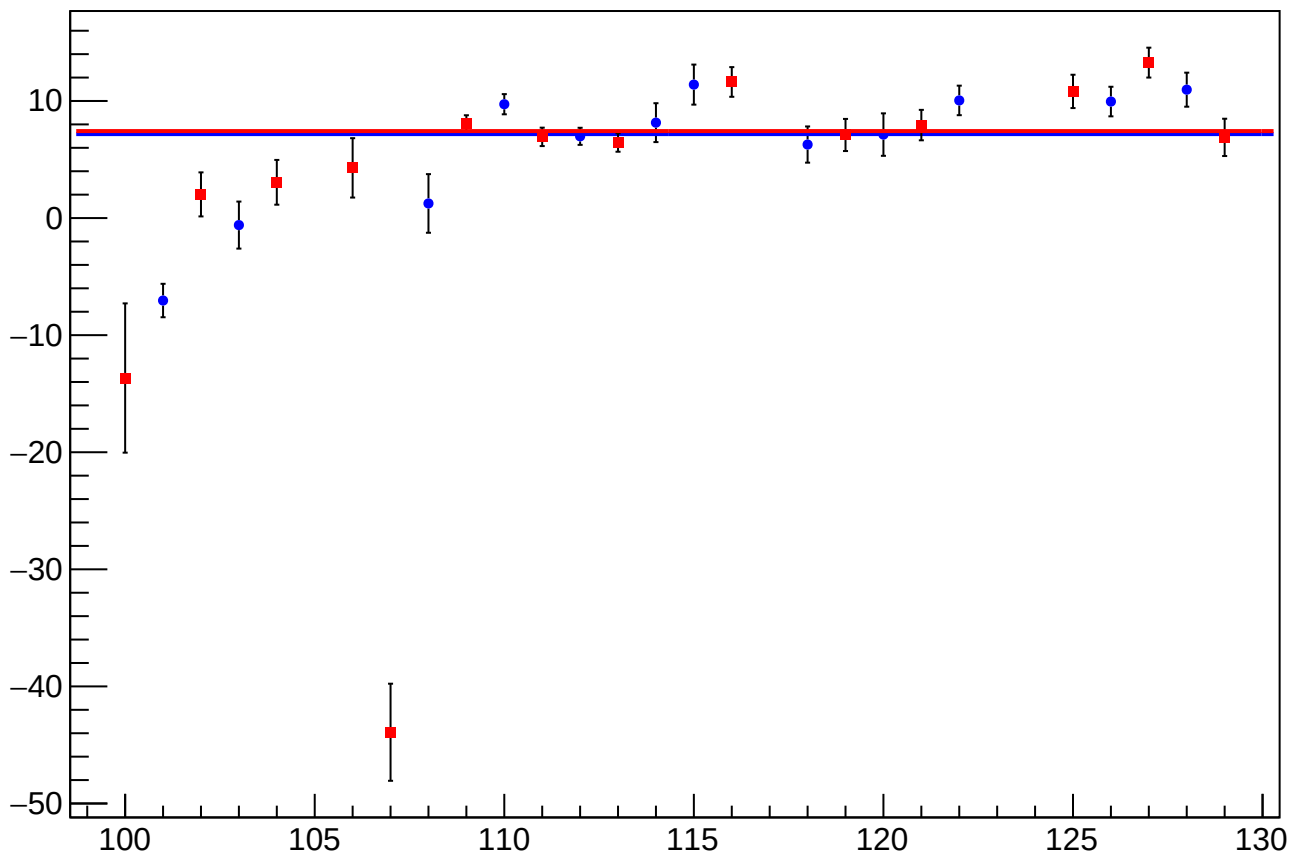
Right: -39.893 $\pm$ 0.024 χ^2 /NDF: 39810.8/25

In: -39.002 $\pm$ 0.035 χ^2 /NDF:8464.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -39.893 $\pm$ 0.024 χ^2 /NDF: 39810.8/25

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 7.171+/-0.371 χ^2/NDF : 152.2/11

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

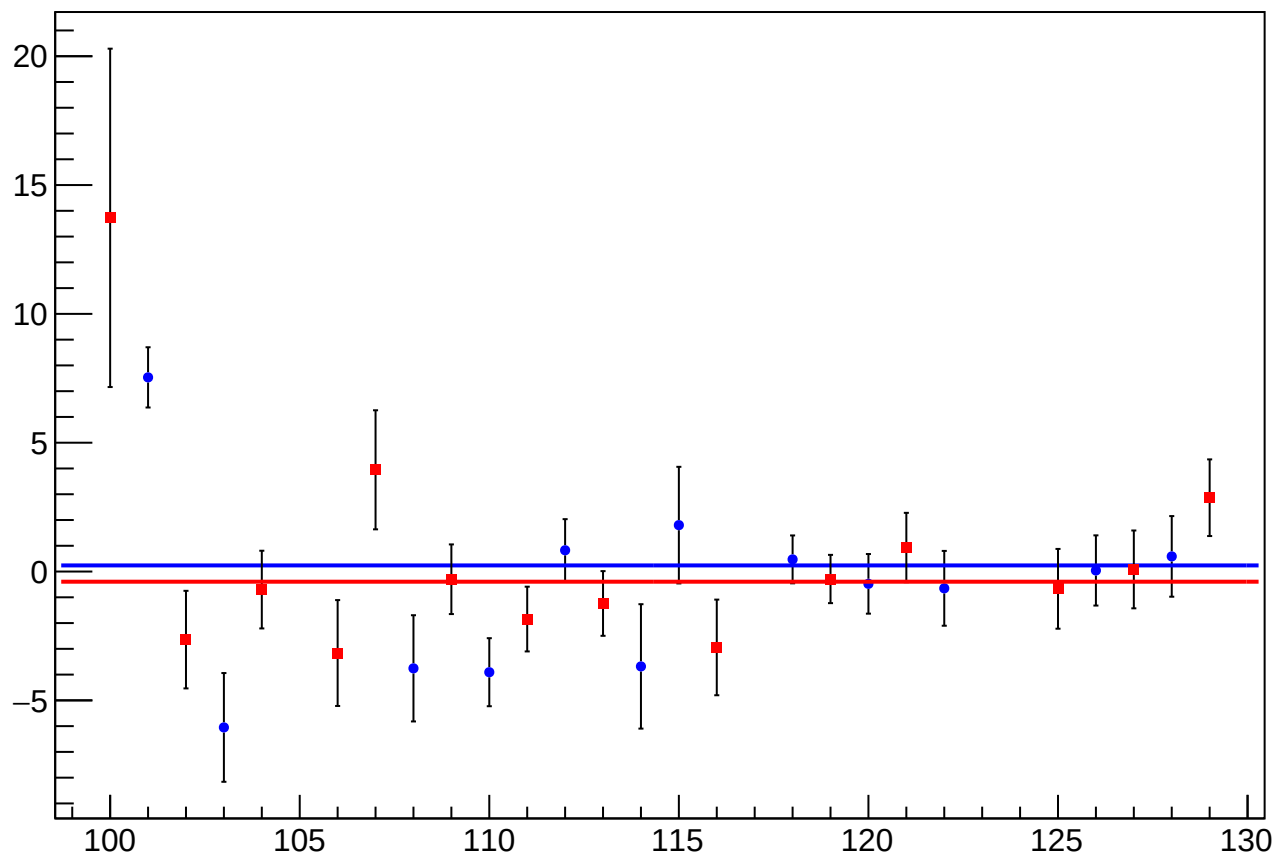
Right: 7.316+/-0.246 χ^2/NDF : 372.5/25

In: 7.171+/-0.371 χ^2/NDF :152.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7.316+/-0.246 χ^2/NDF : 372.5/25

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.238 $\pm$ 0.403 χ^2 /NDF: 65.7/11

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

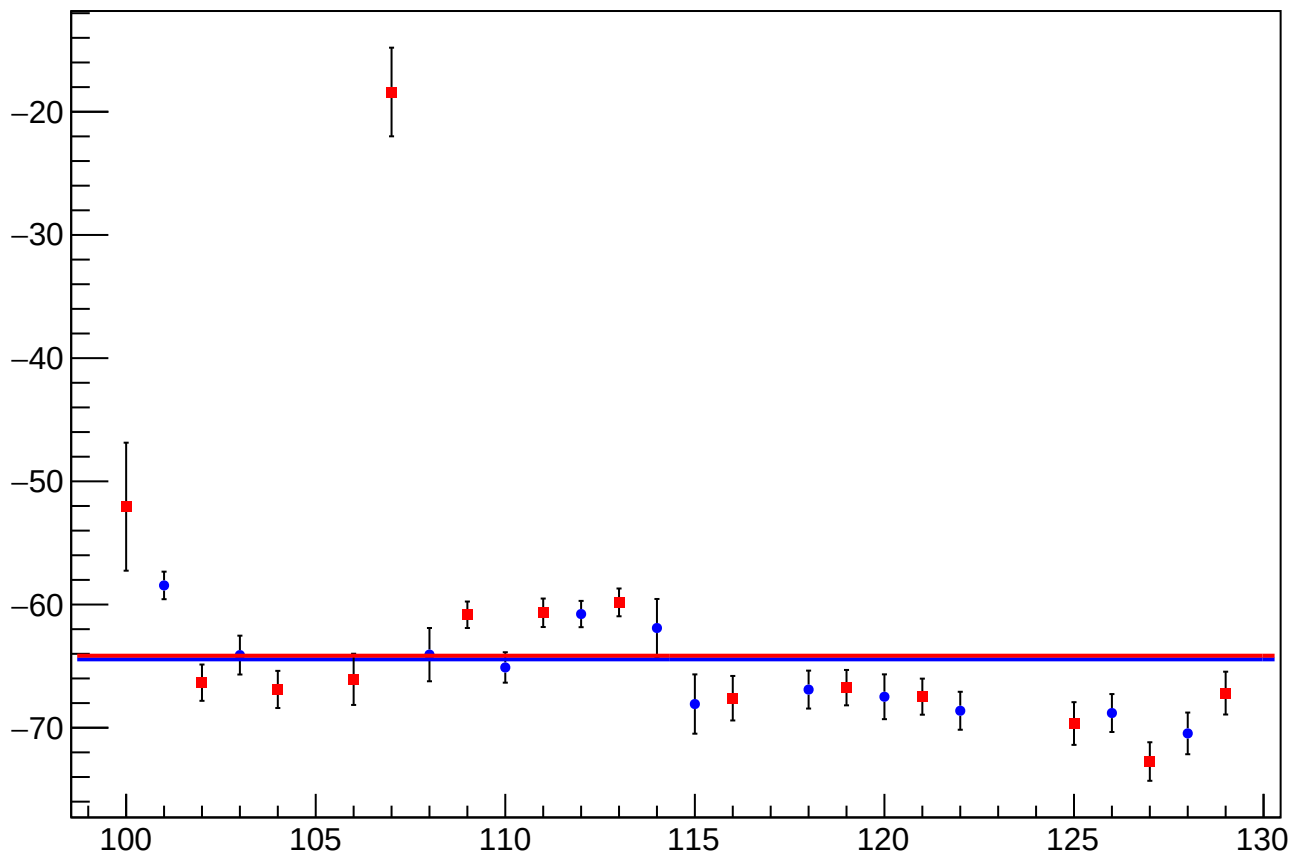
Right: -0.082 $\pm$ 0.284 χ^2 /NDF: 87.9/25

In: 0.238 $\pm$ 0.403 χ^2 /NDF:65.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.082 $\pm$ 0.284 χ^2 /NDF: 87.9/25

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -64.449 $\pm$ 0.438 χ^2 /NDF: 77.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -64.153 $\pm$ 0.409 χ^2 /NDF: 262.2/13

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

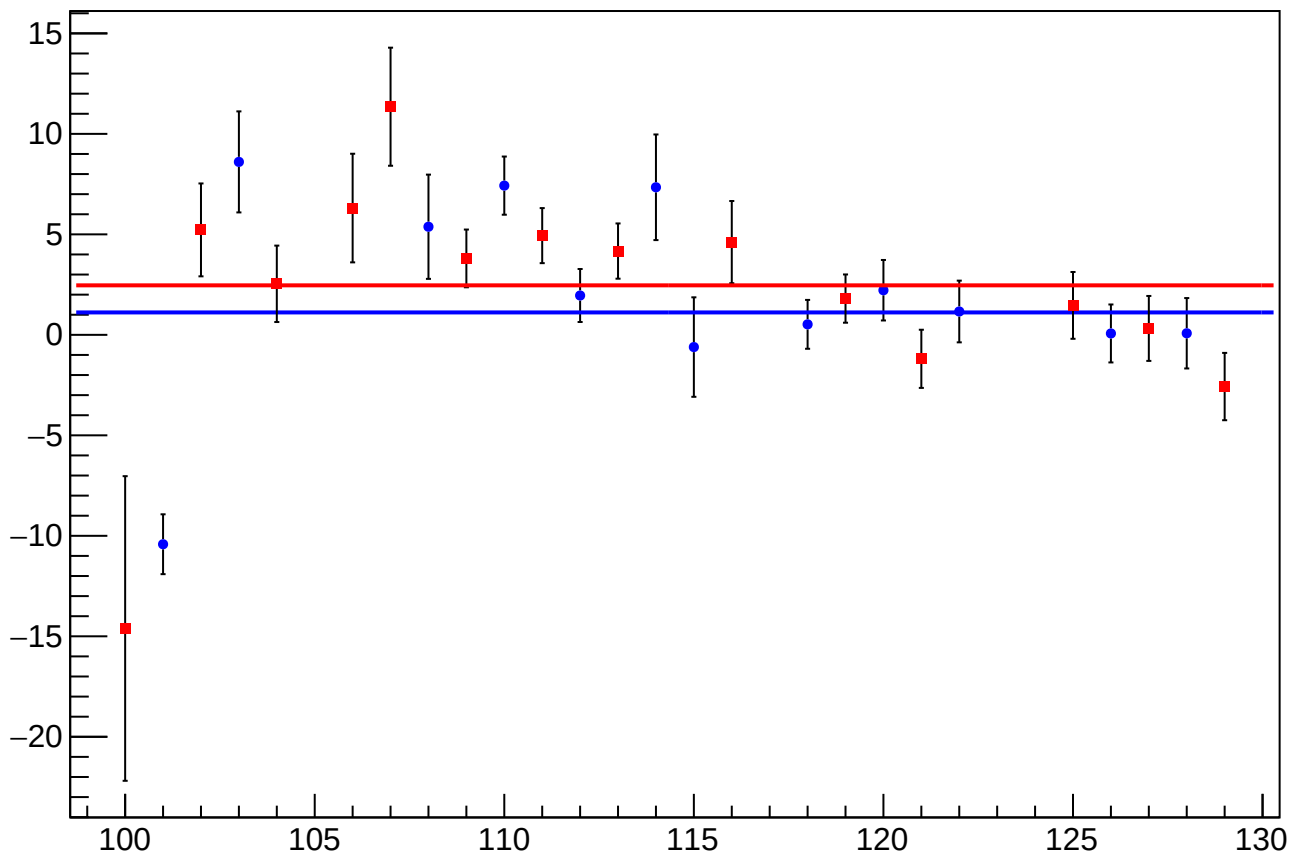
Right: -64.291 $\pm$ 0.299 χ^2 /NDF: 340.3/25

In: -64.449 $\pm$ 0.438 χ^2 /NDF: 77.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -64.291 $\pm$ 0.299 χ^2 /NDF: 340.3/25

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.115+/-0.473 χ^2/NDF : 98.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.463+/-0.457 χ^2/NDF : 42.3/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

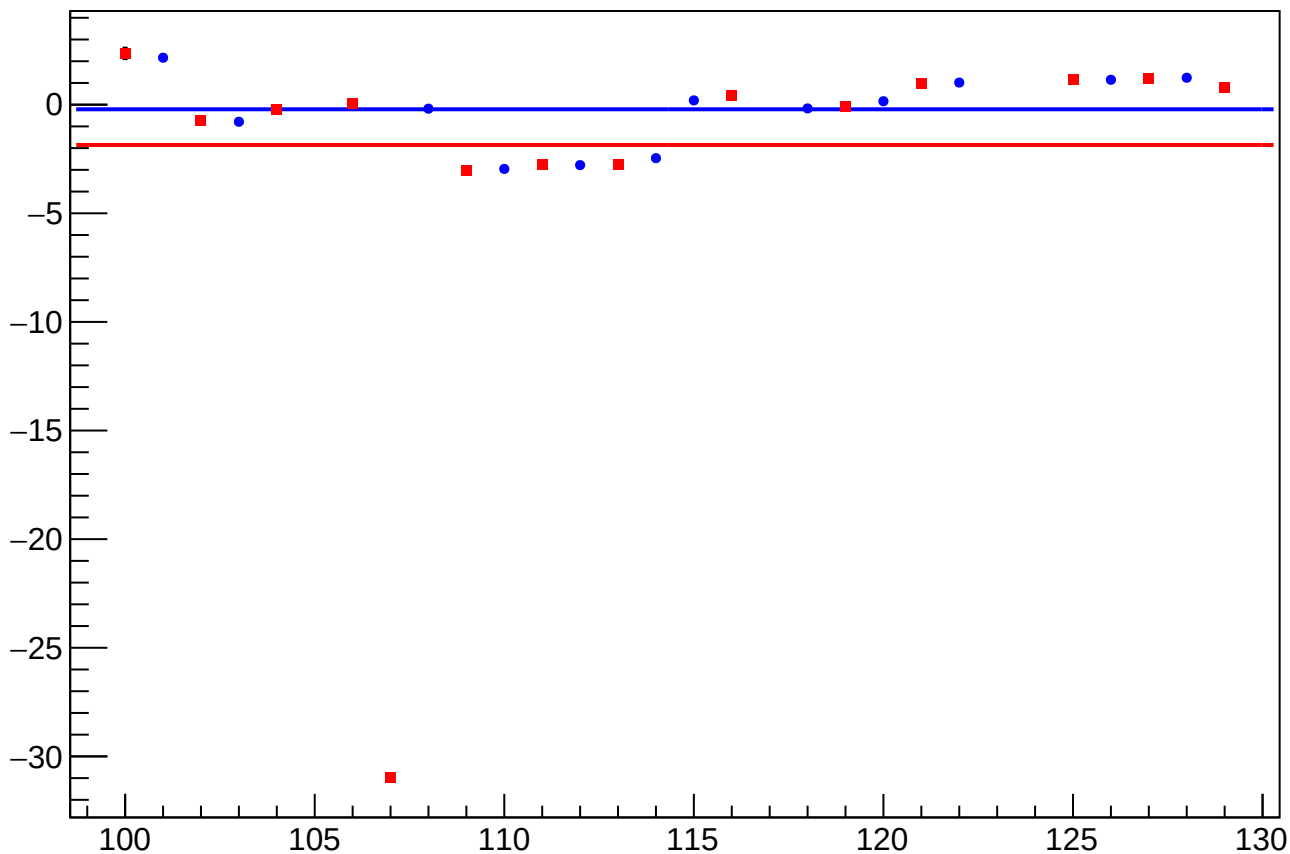
Right: 1.813+/-0.329 χ^2/NDF : 145.2/25

In: 1.115+/-0.473 χ^2/NDF : 98.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.813+/-0.329 χ^2/NDF : 145.2/25

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.212 $\pm$ 0.029 χ^2 /NDF: 3521.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.854 $\pm$ 0.027 χ^2 /NDF: 44032.9/13

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

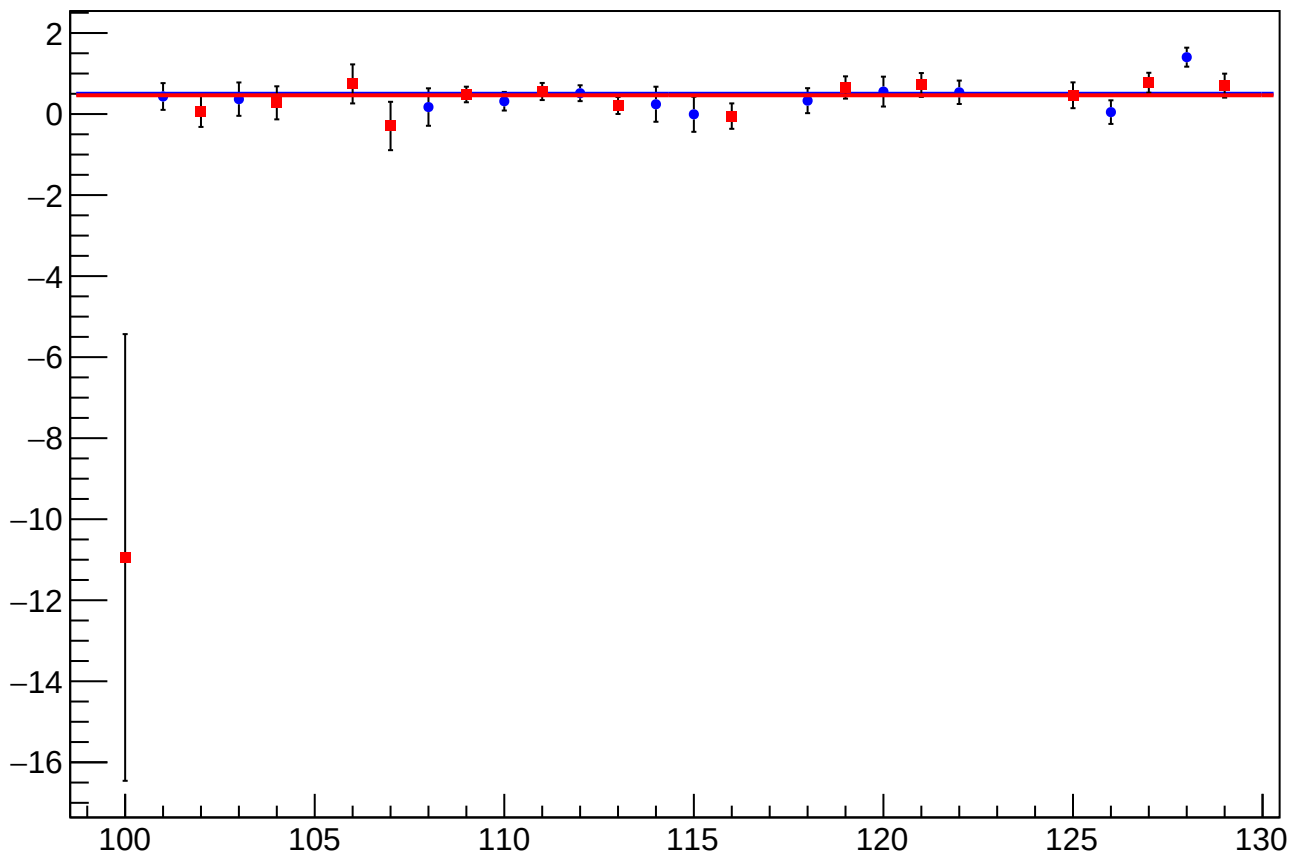
Right: -1.087 $\pm$ 0.020 χ^2 /NDF: 49272.0/25

In: -0.212 $\pm$ 0.029 χ^2 /NDF:3521.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.087 $\pm$ 0.020 χ^2 /NDF: 49272.0/25

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.500+/-0.086 χ^2/NDF : 20.6/11

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

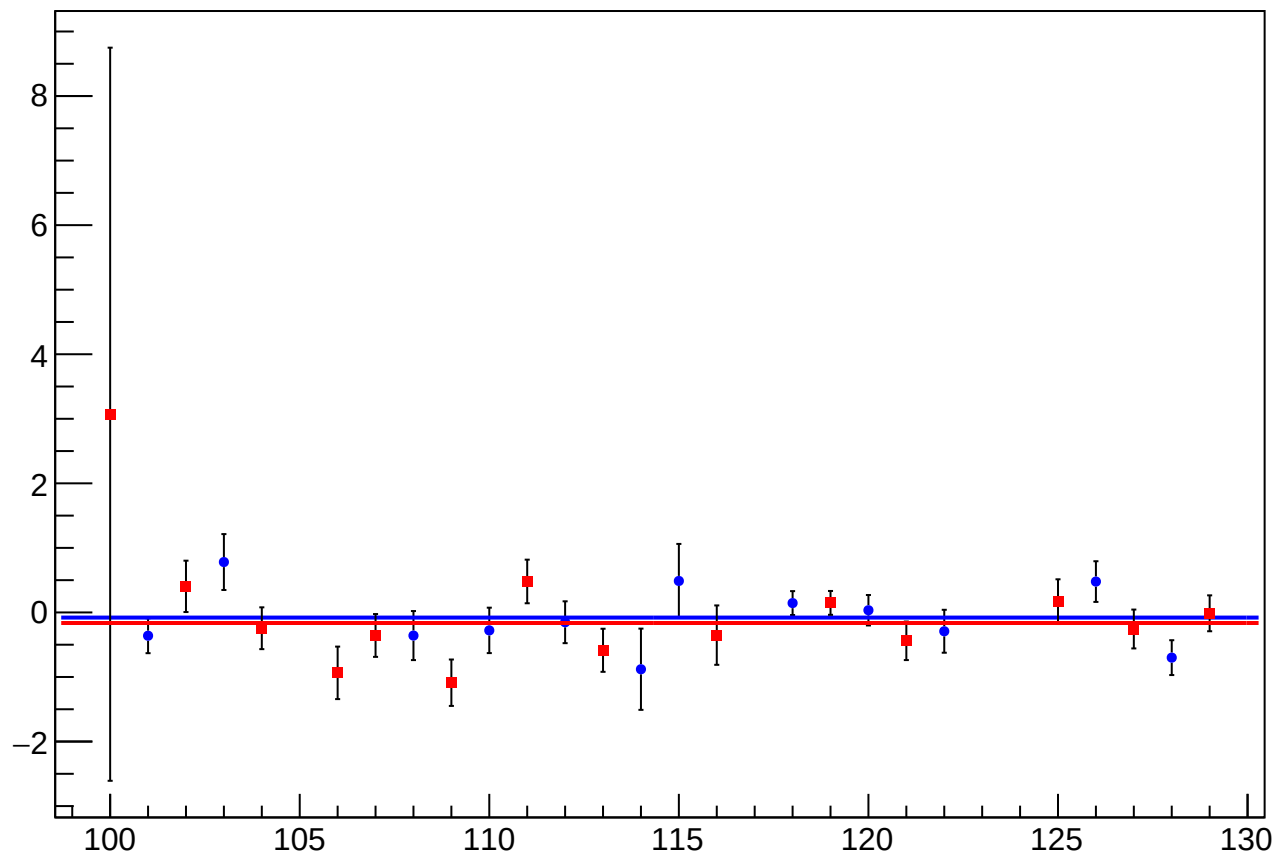
Right: 0.480+/-0.058 χ^2/NDF : 36.0/25

In: 0.500+/-0.086 χ^2/NDF : 20.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.480+/-0.058 χ^2/NDF : 36.0/25

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.080 ± 0.088 χ^2/NDF : 19.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.164 ± 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

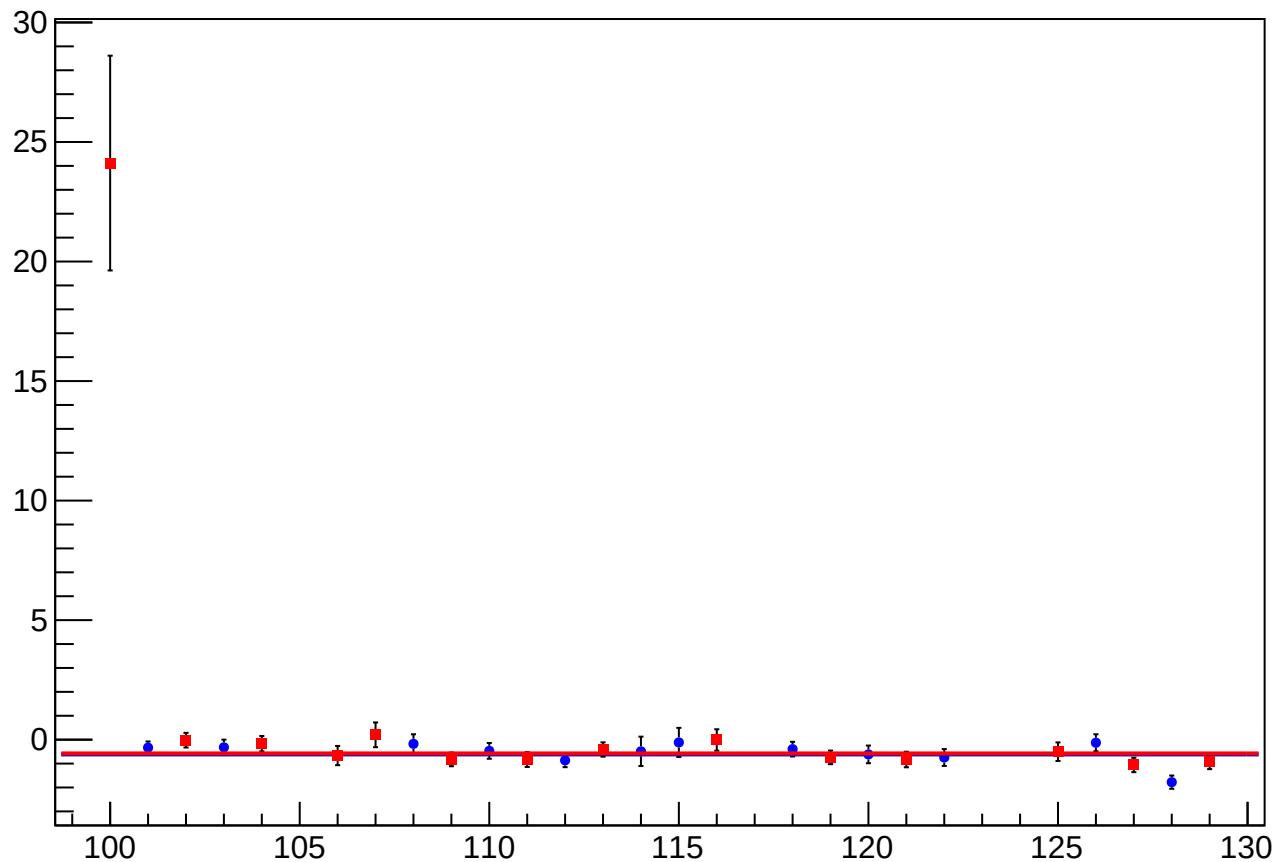
Right: -0.122 ± 0.062 χ^2/NDF : 42.9/25

In: -0.080 ± 0.088 χ^2/NDF : 19.1/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.122 ± 0.062 χ^2/NDF : 42.9/25

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.617 ± 0.098 $\chi^2/\text{NDF}: 25.0/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.576 ± 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 $\chi^2/\text{NDF}: 0.0/0$

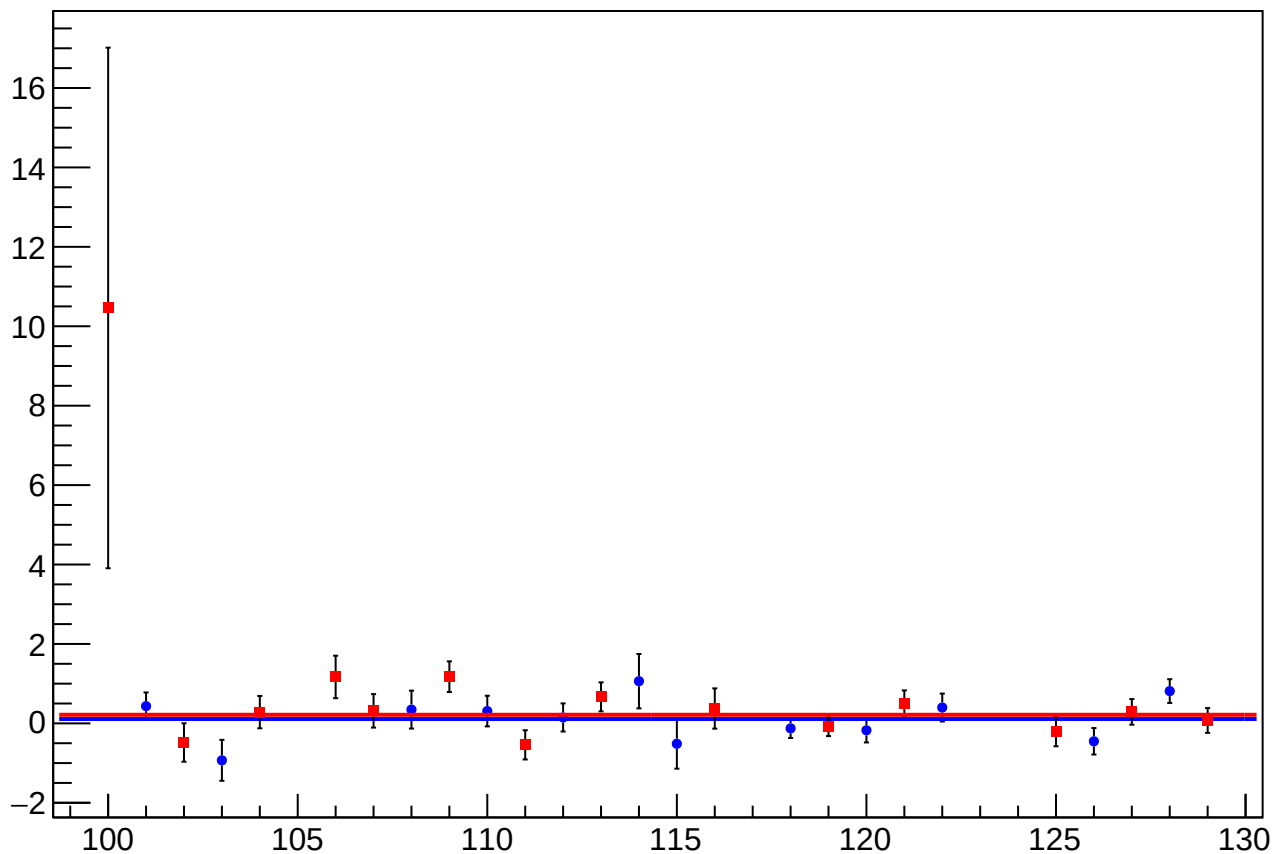
Right: -0.595 ± 0.067 $\chi^2/\text{NDF}: 70.4/25$

In: -0.617 ± 0.098 $\chi^2/\text{NDF}: 25.0/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.595 ± 0.067 $\chi^2/\text{NDF}: 70.4/25$

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.110 $\pm$ 0.104 χ^2 /NDF: 19.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.216 $\pm$ 0.100 χ^2 /NDF: 23.8/13

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

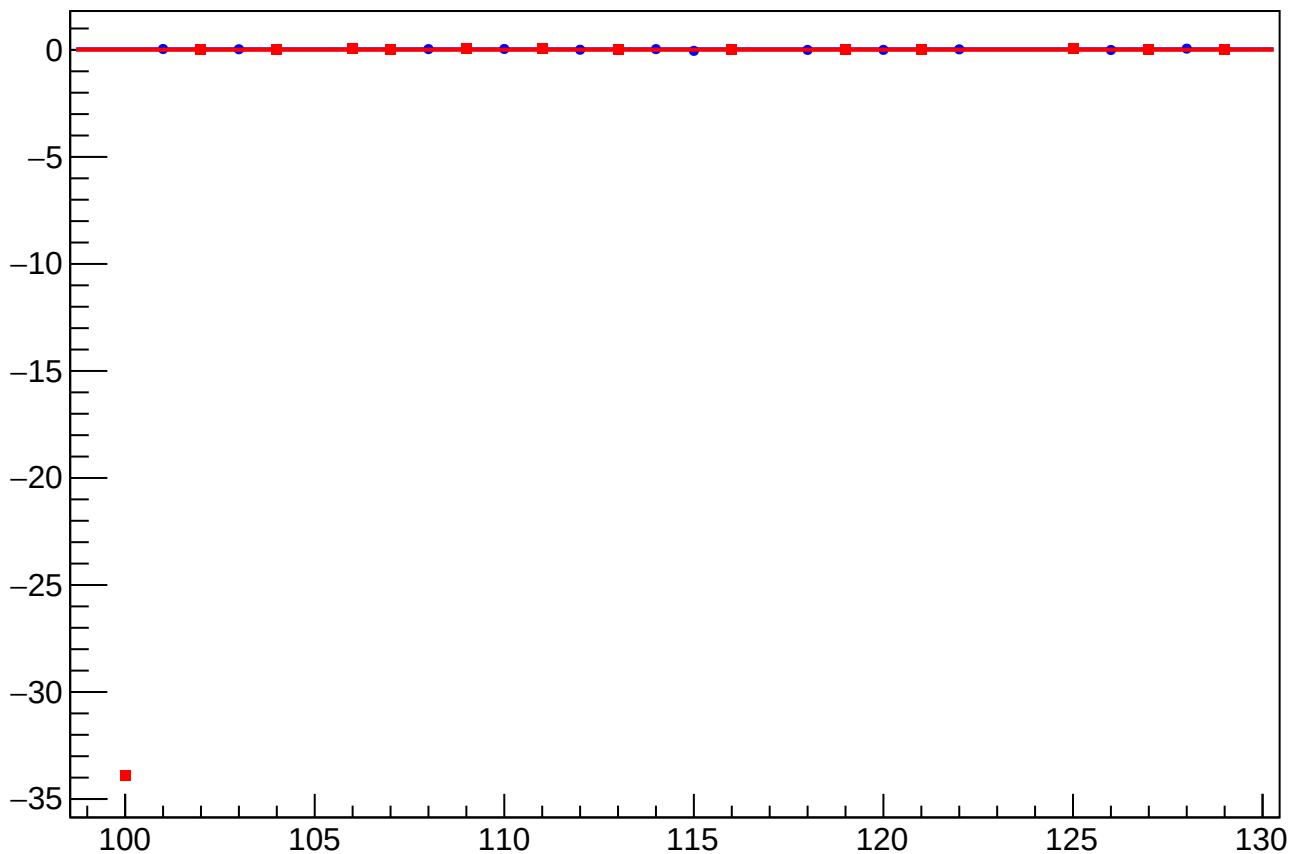
Right: 0.165 $\pm$ 0.072 χ^2 /NDF: 43.5/25

In: 0.110 $\pm$ 0.104 χ^2 /NDF:19.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.165 $\pm$ 0.072 χ^2 /NDF: 43.5/25

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.028 $\pm$ 0.006 χ^2 /NDF: 10.2/11

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

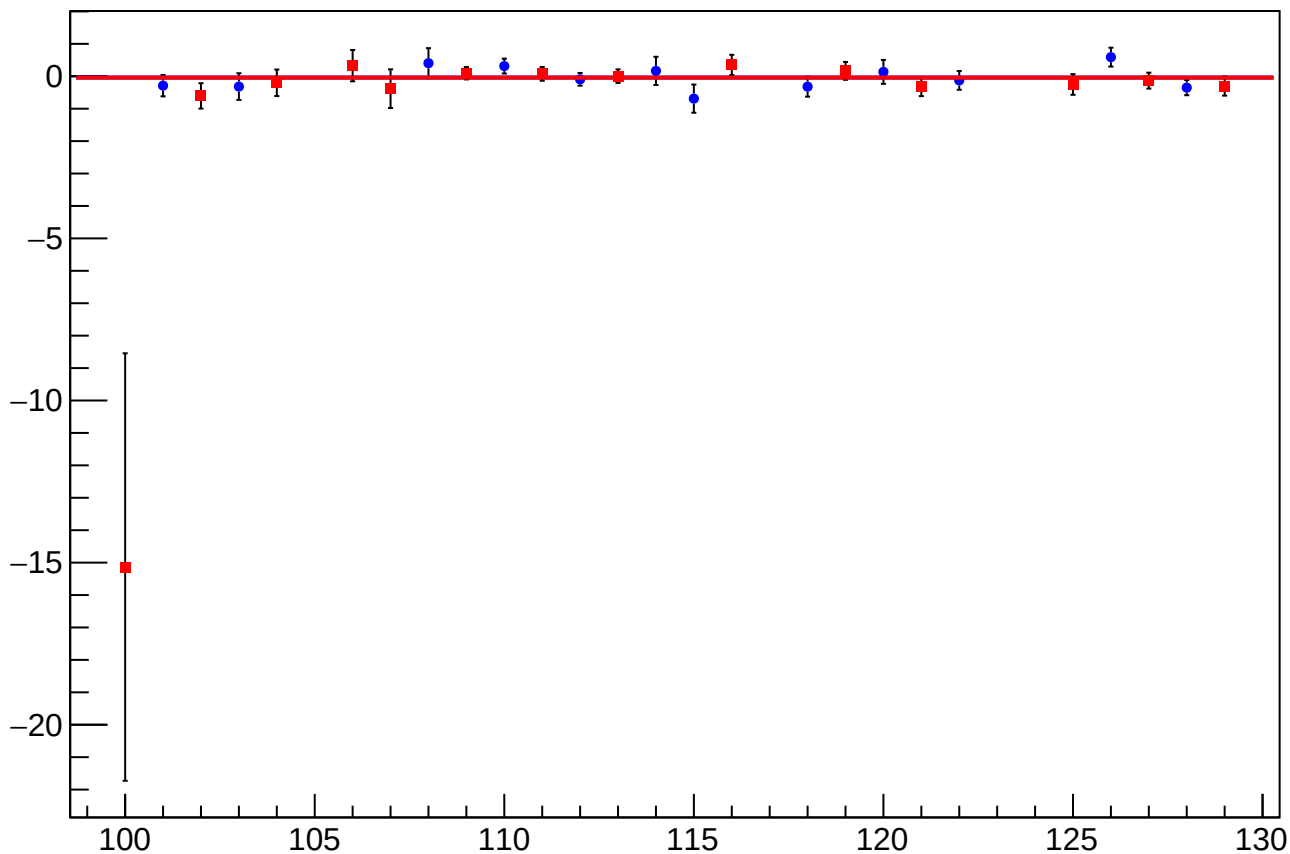
Right: 0.017 $\pm$ 0.004 χ^2 /NDF: 22273.4/25

In: 0.028 $\pm$ 0.006 χ^2 /NDF:10.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.017 $\pm$ 0.004 χ^2 /NDF: 22273.4/25

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.039 ± 0.086 $\chi^2/\text{NDF}: 14.4/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.042 ± 0.078 $\chi^2/\text{NDF}: 13.6/13$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

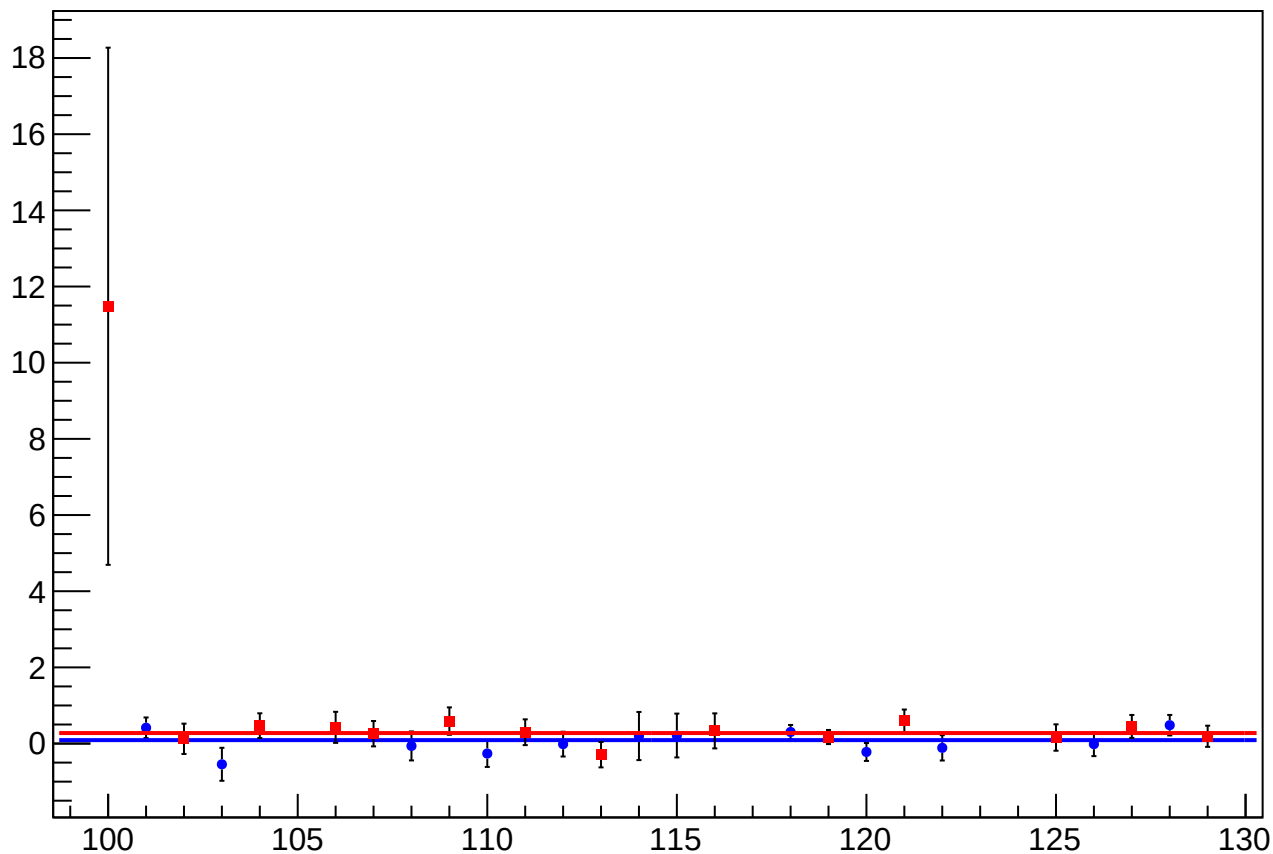
Right: -0.041 ± 0.058 $\chi^2/\text{NDF}: 28.0/25$

In: -0.039 ± 0.086 $\chi^2/\text{NDF}: 14.4/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.041 ± 0.058 $\chi^2/\text{NDF}: 28.0/25$

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.090+/-0.088 χ^2/NDF : 10.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.276+/-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

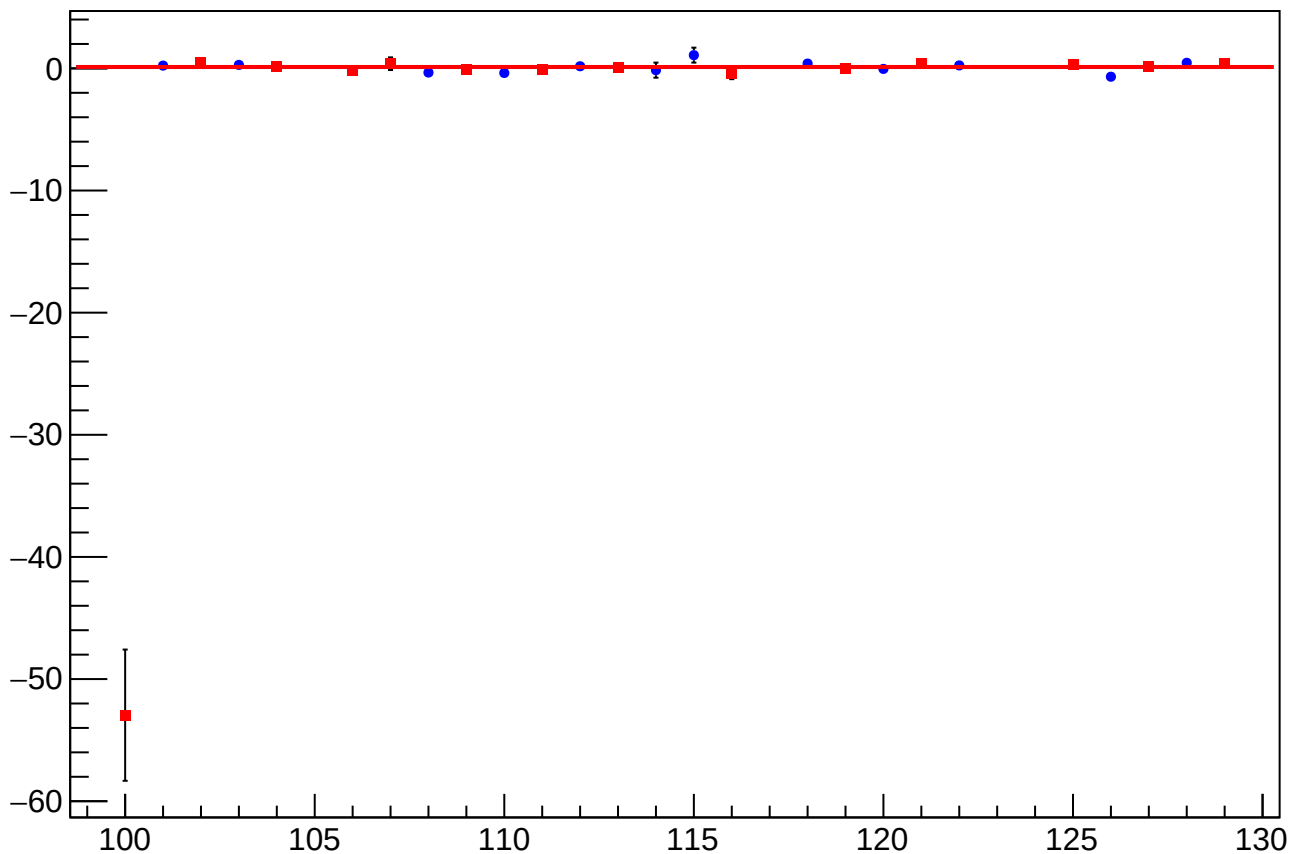
Right: 0.185+/-0.062 χ^2/NDF : 21.9/25

In: 0.090+/-0.088 χ^2/NDF : 10.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.185+/-0.062 χ^2/NDF : 21.9/25

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.112+/-0.098 χ^2/NDF : 14.4/11

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

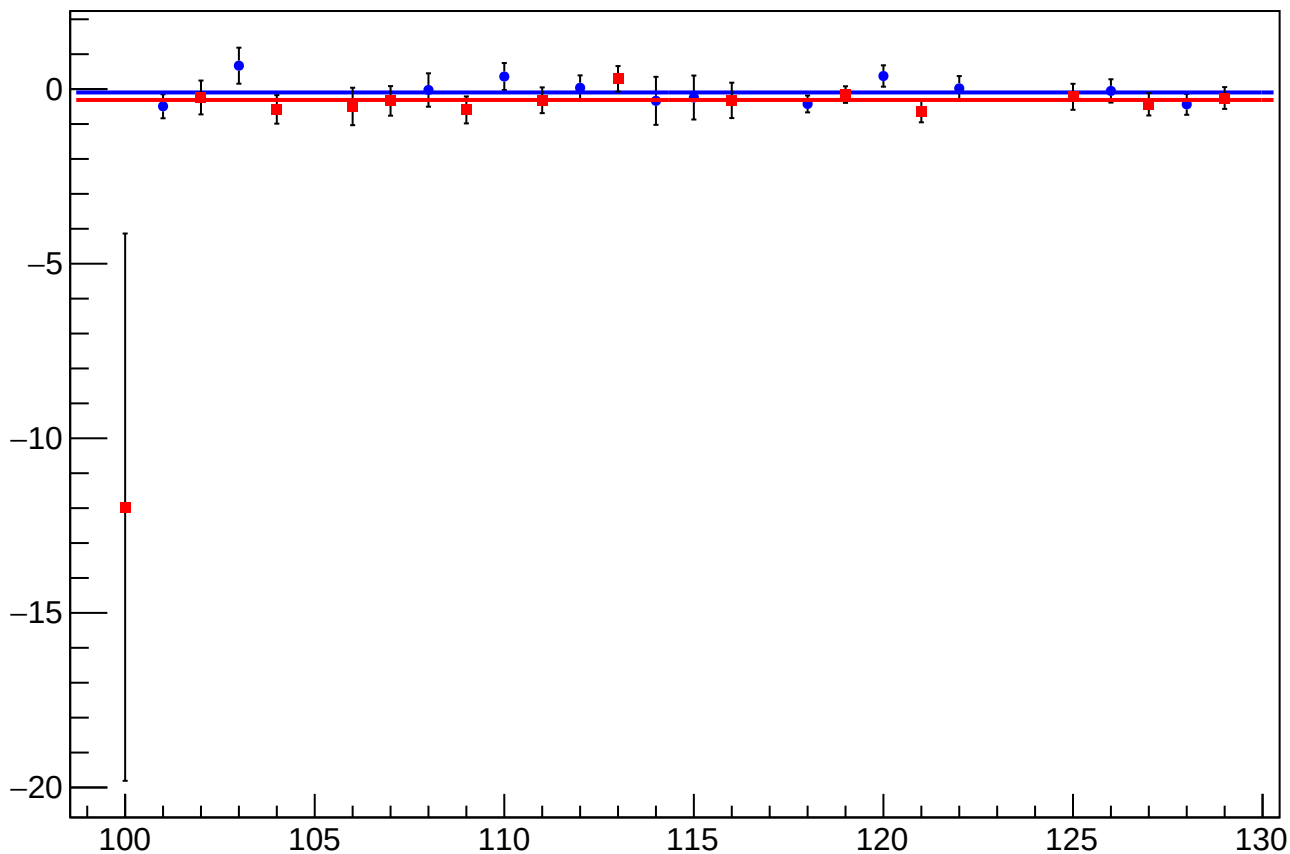
Right: 0.114+/-0.067 χ^2/NDF : 118.8/25

In: 0.112+/-0.098 χ^2/NDF : 14.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.114+/-0.067 χ^2/NDF : 118.8/25

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.096 ± 0.104 χ^2/NDF : 10.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.311 ± 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

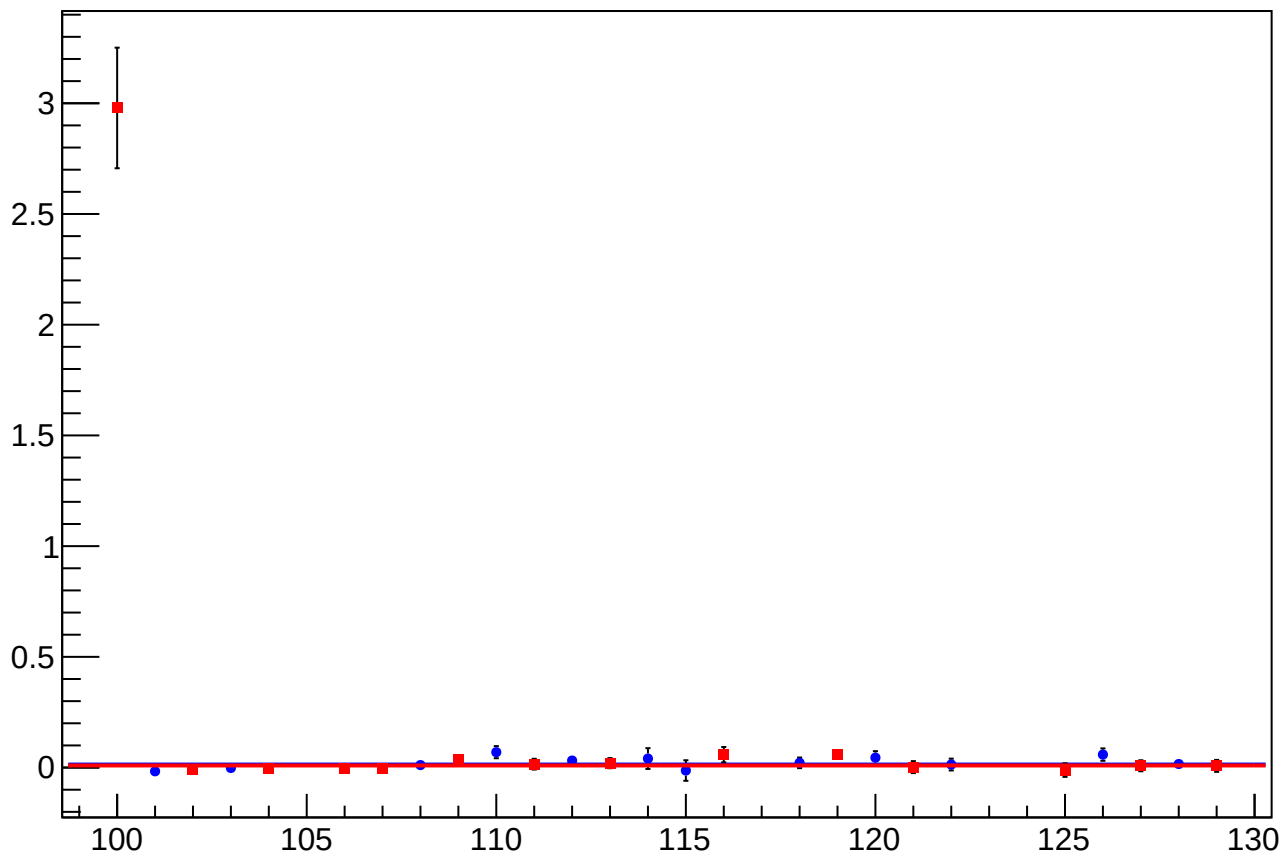
Right: -0.207 ± 0.072 χ^2/NDF : 20.8/25

In: -0.096 ± 0.104 χ^2/NDF : 10.9/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.207 ± 0.072 χ^2/NDF : 20.8/25

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.006 χ^2 /NDF: 14.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.006 χ^2 /NDF: 131.5/13

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

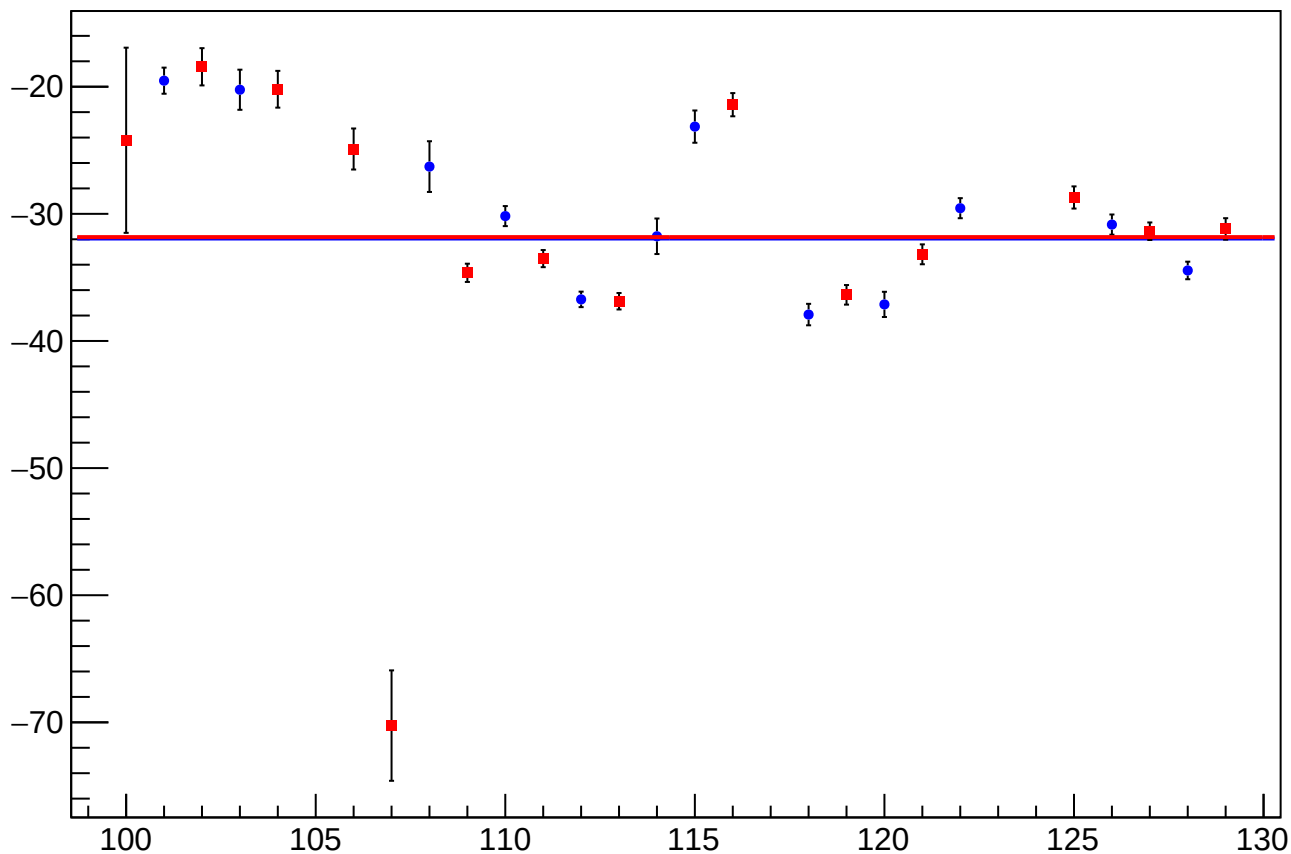
Right: 0.011 $\pm$ 0.004 χ^2 /NDF: 146.3/25

In: 0.014 $\pm$ 0.006 χ^2 /NDF:14.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.004 χ^2 /NDF: 146.3/25

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -31.939+/-0.260 χ^2/NDF : 426.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.831+/-0.241 χ^2/NDF : 510.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

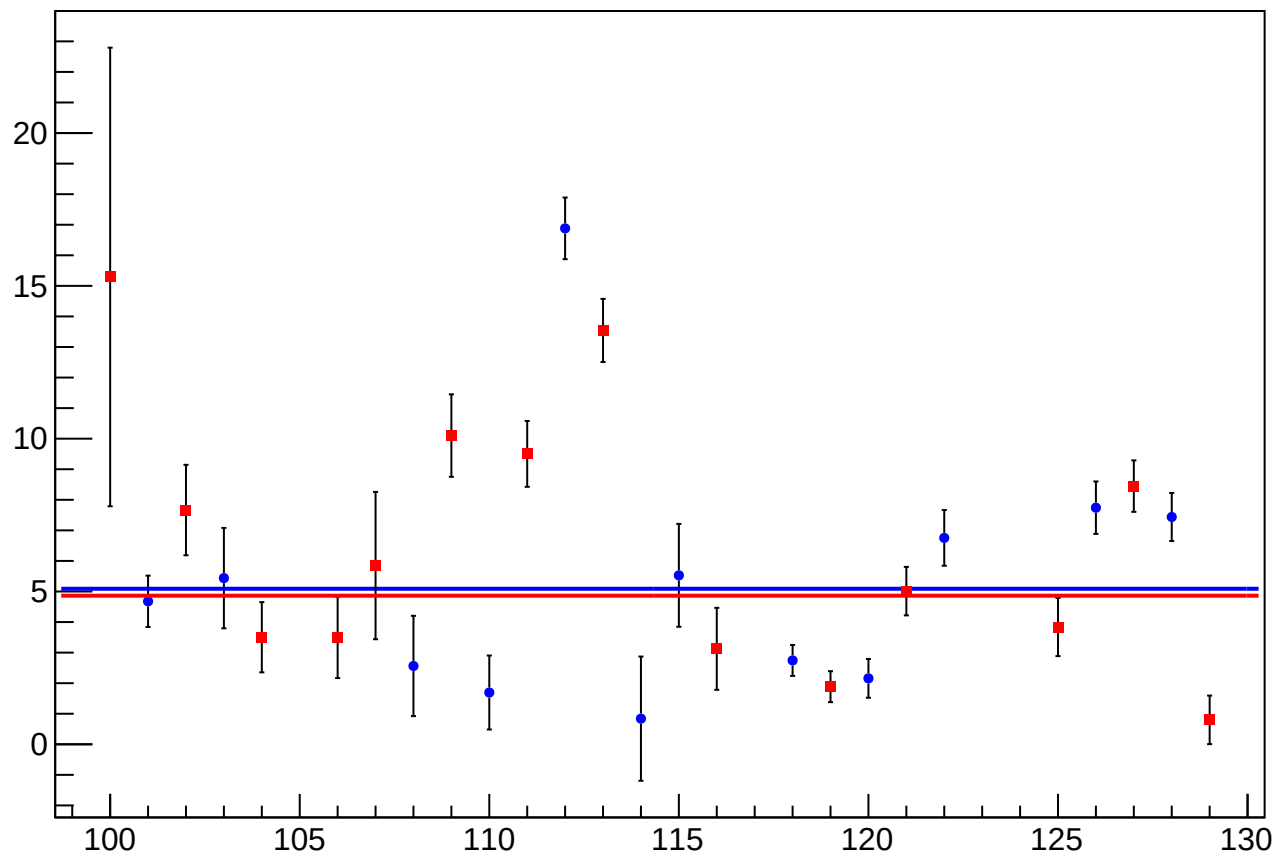
Right: -31.881+/-0.177 χ^2/NDF : 936.3/25

In: -31.939+/-0.260 χ^2/NDF : 426.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.881+/-0.177 χ^2/NDF : 936.3/25

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.090 $\pm$ 0.258 χ^2 /NDF: 216.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4.863 $\pm$ 0.263 χ^2 /NDF: 194.1/13

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

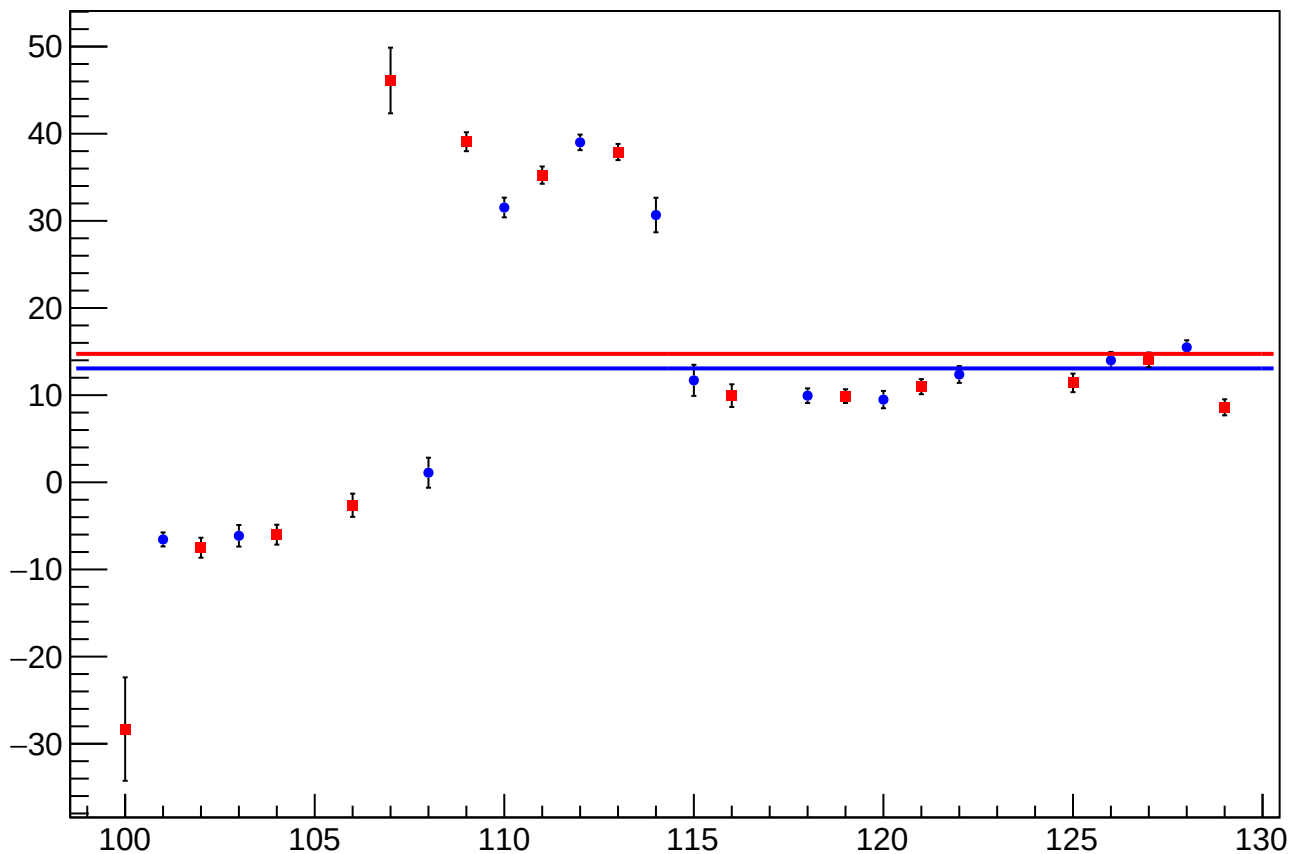
Right: 4.978 $\pm$ 0.184 χ^2 /NDF: 410.7/25

In: 5.090 $\pm$ 0.258 χ^2 /NDF:216.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4.978 $\pm$ 0.184 χ^2 /NDF: 410.7/25

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 13.068+/-0.299 χ^2/NDF : 2114.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

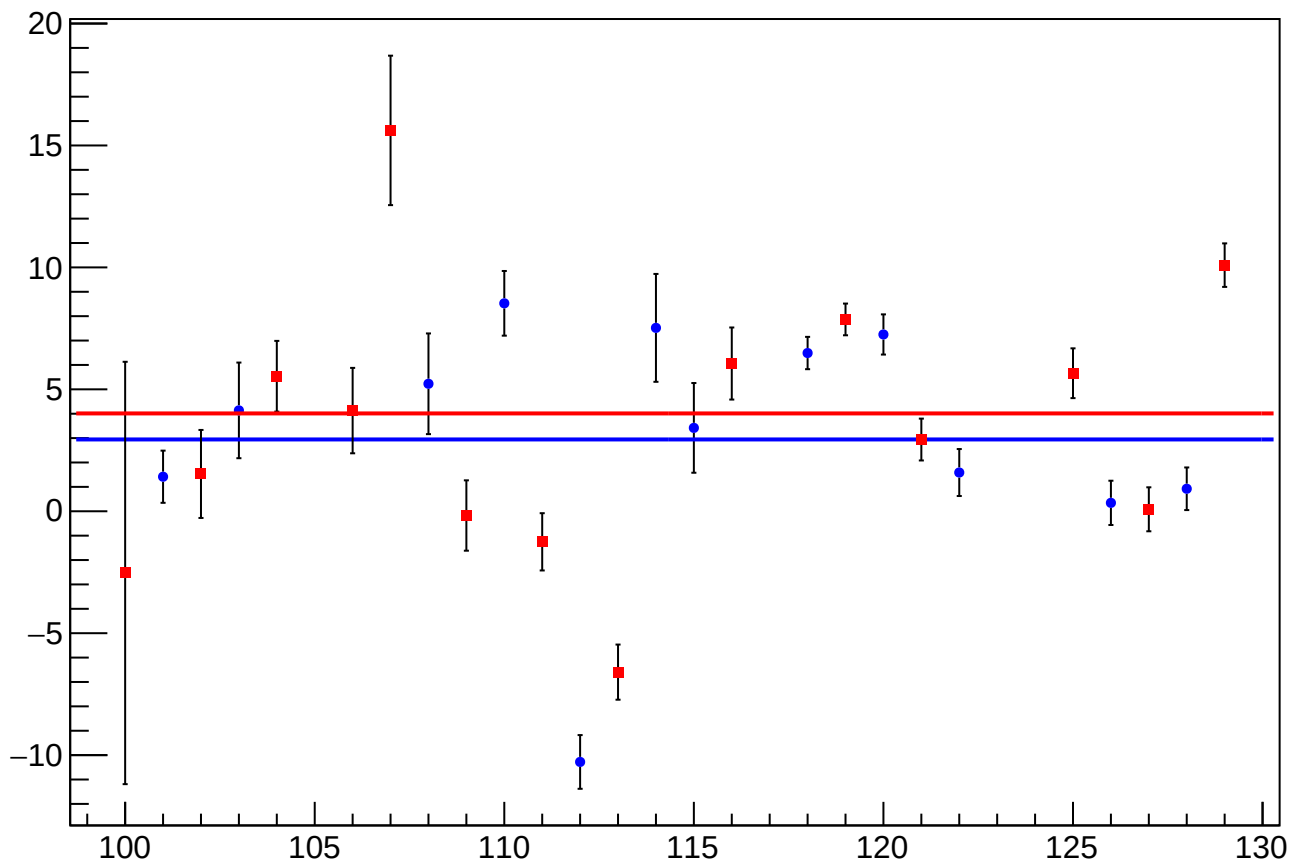
Right: 13.939+/-0.207 χ^2/NDF : 4809.9/25

In: 13.068+/-0.299 χ^2/NDF : 2114.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.939+/-0.207 χ^2/NDF : 4809.9/25

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.945+/-0.307 χ^2/NDF : 241.3/11

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

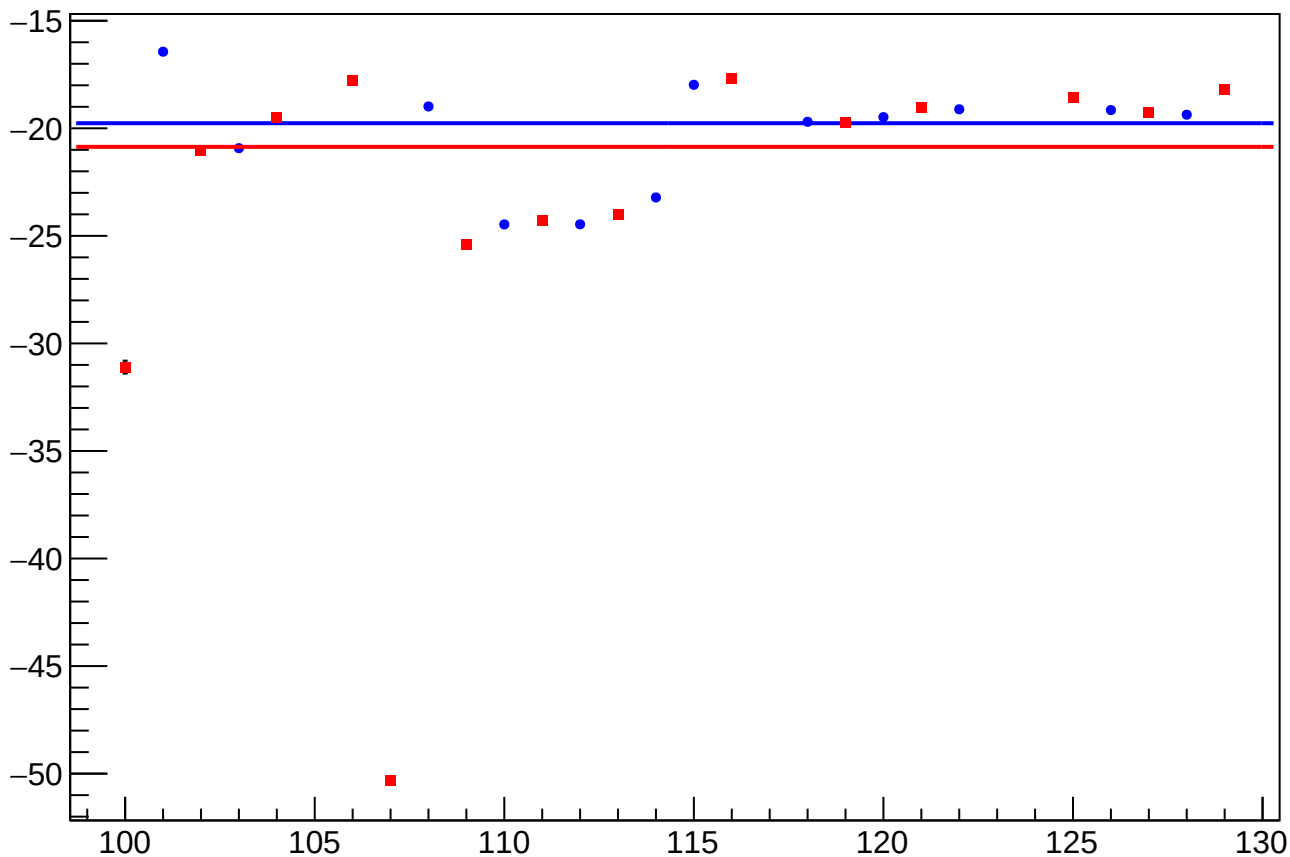
Right: 3.484+/-0.216 χ^2/NDF : 488.6/25

In: 2.945+/-0.307 χ^2/NDF : 241.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.484+/-0.216 χ^2/NDF : 488.6/25

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.763+/-0.020 χ^2/NDF : 13379.8/11

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

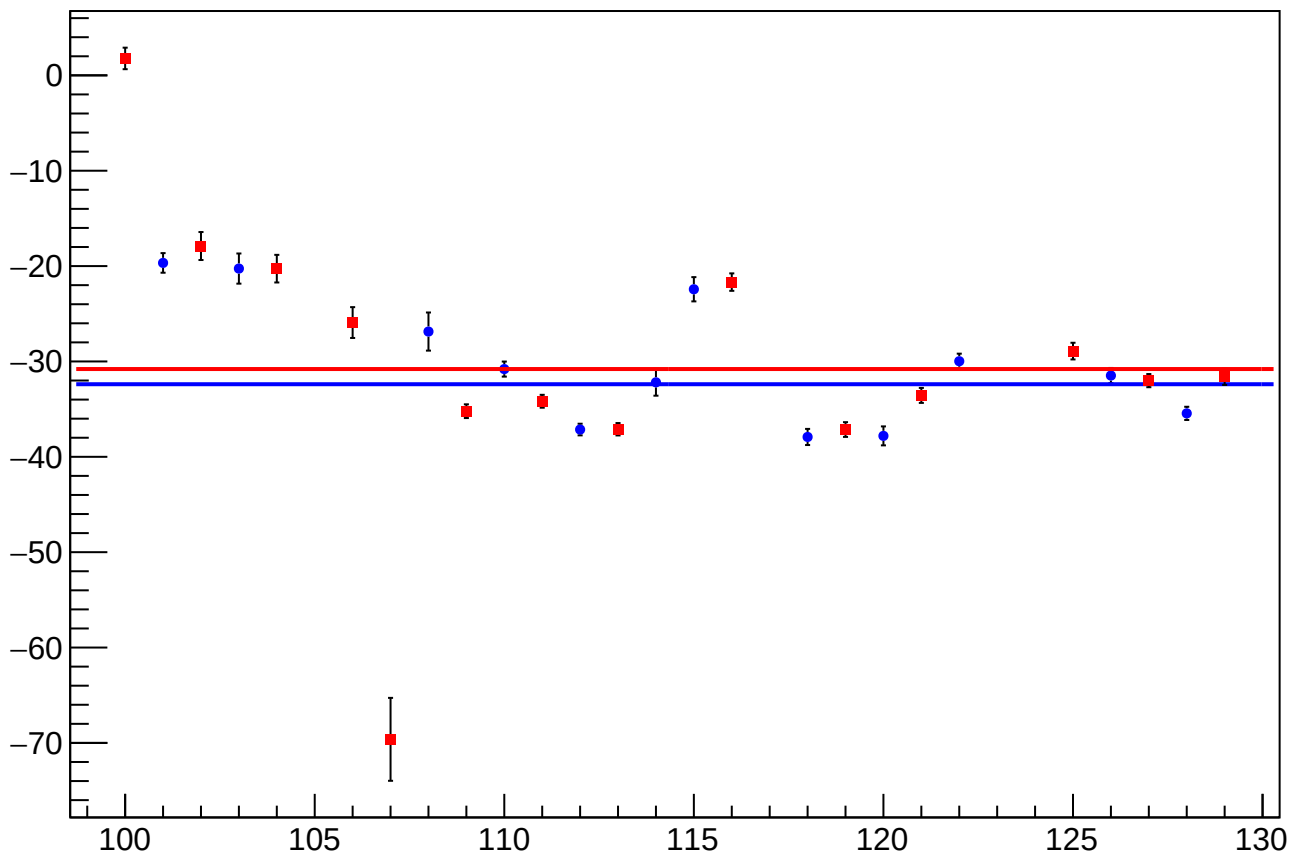
Right: -20.338+/-0.014 χ^2/NDF : 67857.7/25

In: -19.763+/-0.020 χ^2/NDF : 13379.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.338+/-0.014 χ^2/NDF : 67857.7/25

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -32.388 $\pm$ 0.261 χ^2 /NDF: 448.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -30.795 $\pm$ 0.236 χ^2 /NDF: 1397.4/13

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

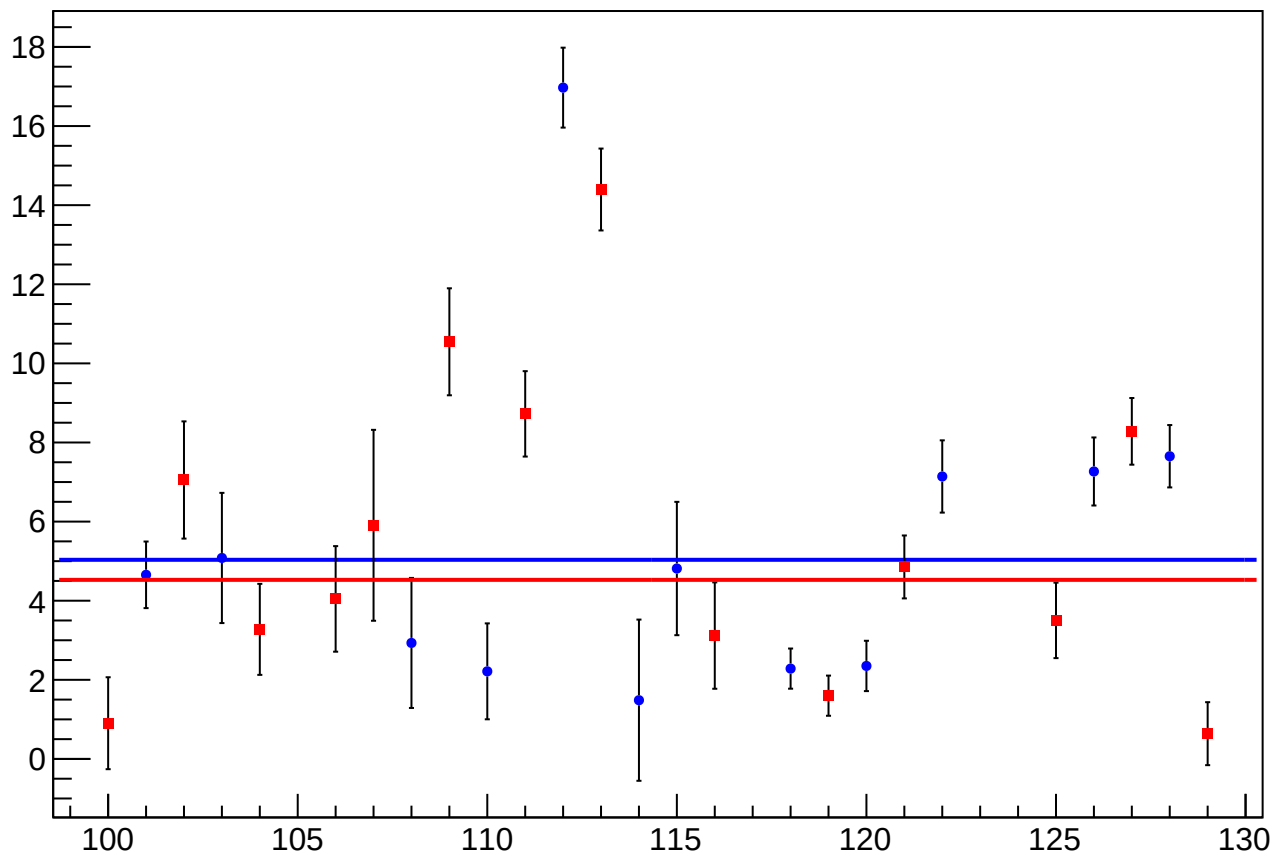
Right: -31.512 $\pm$ 0.175 χ^2 /NDF: 1866.0/25

In: -32.388 $\pm$ 0.261 χ^2 /NDF:448.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -31.512 $\pm$ 0.175 χ^2 /NDF: 1866.0/25

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.034+/-0.259 χ^2/NDF : 220.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.527+/-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

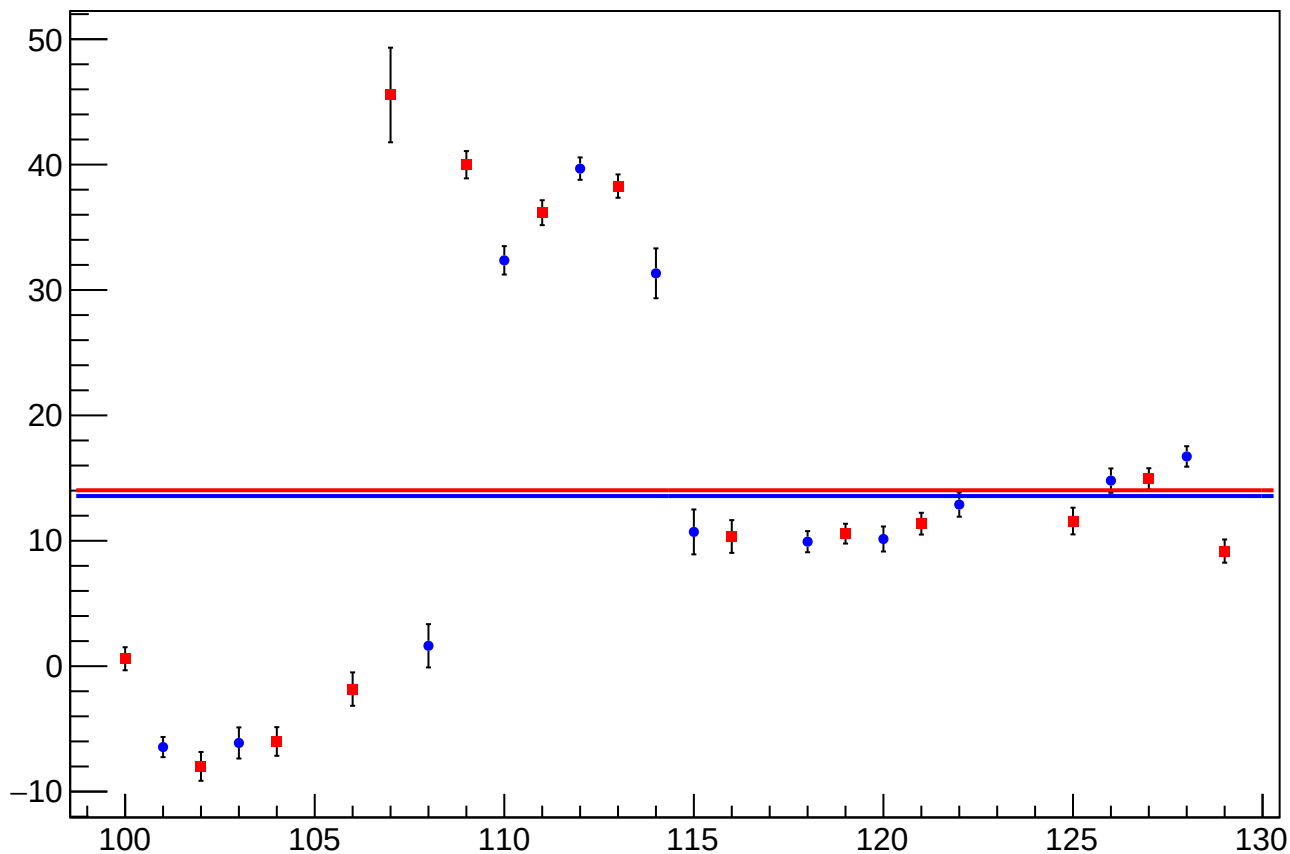
Right: 4.779+/-0.182 χ^2/NDF : 441.5/25

In: 5.034+/-0.259 χ^2/NDF : 220.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.779+/-0.182 χ^2/NDF : 441.5/25

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 13.567+/-0.299 χ^2 /NDF: 2177.6/11

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

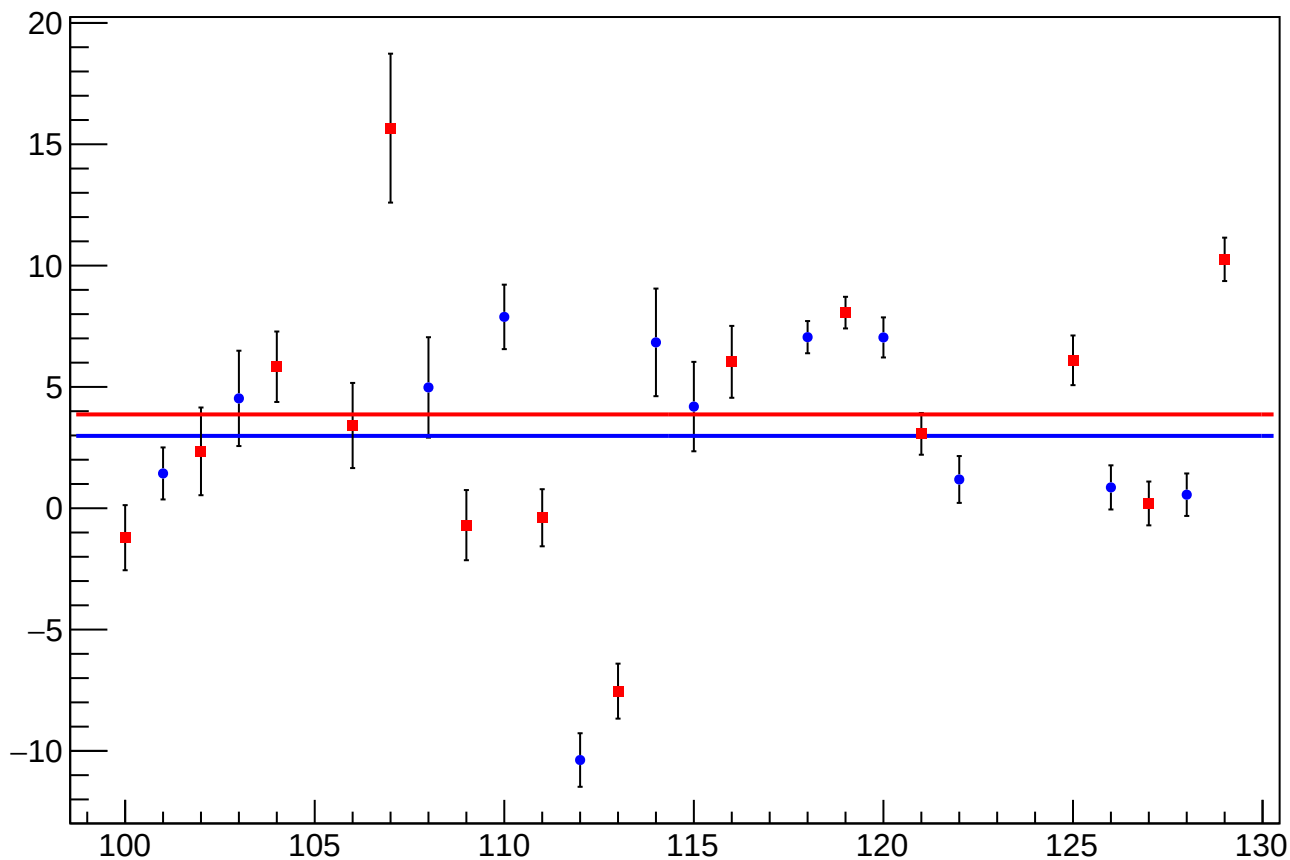
Right: 13.818+/-0.202 χ^2 /NDF: 5096.6/25

In: 13.567+/-0.299 χ^2 /NDF:2177.6/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 13.818+/-0.202 χ^2 /NDF: 5096.6/25

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.982 $\pm$ 0.308 χ^2 /NDF: 245.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.867 $\pm$ 0.297 χ^2 /NDF: 272.8/13

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

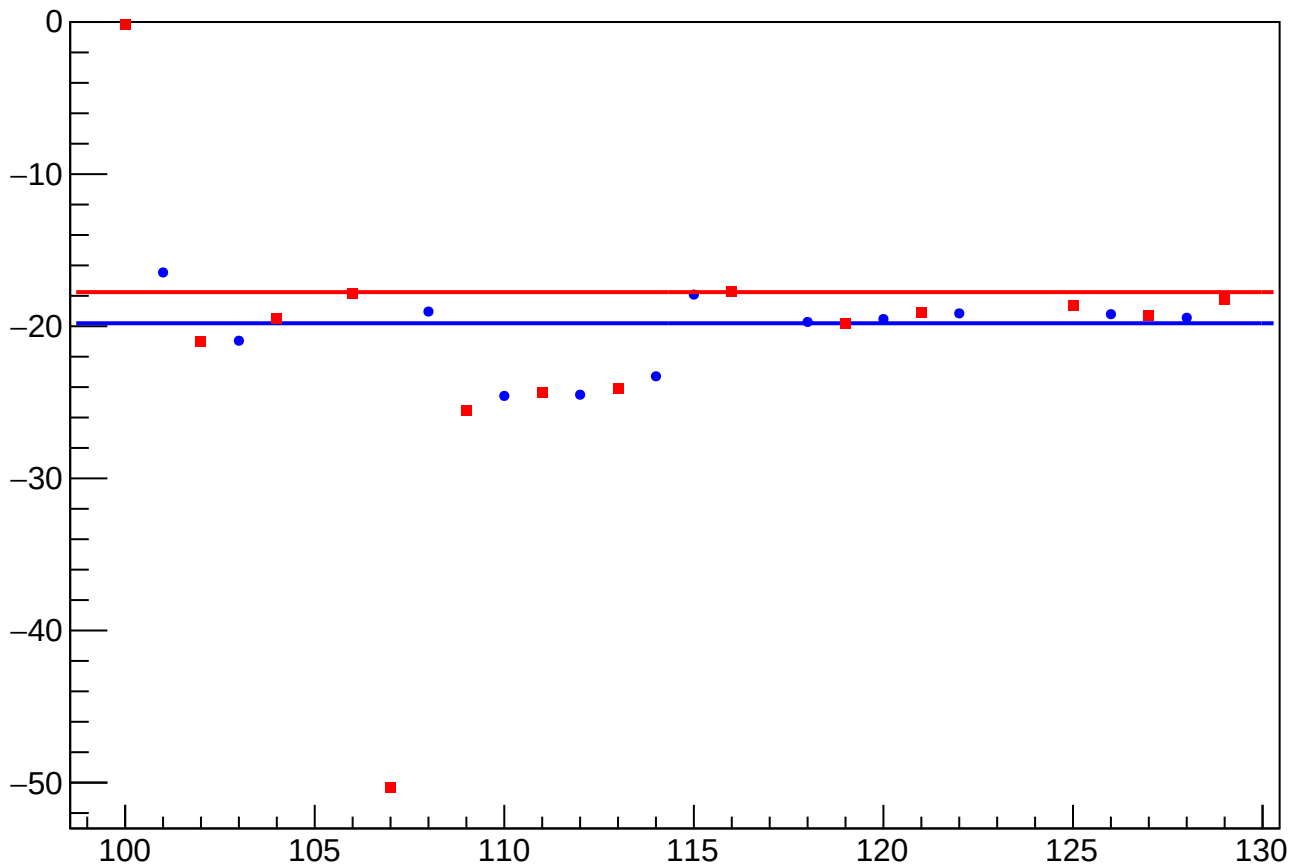
Right: 3.440 $\pm$ 0.214 χ^2 /NDF: 522.6/25

In: 2.982 $\pm$ 0.308 χ^2 /NDF:245.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.440 $\pm$ 0.214 χ^2 /NDF: 522.6/25

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.803±/0.020 χ^2/NDF : 13454.0/11

Left Out: 0.000±/0.000 χ^2/NDF : 0.0/0

Right Out: -17.757±/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

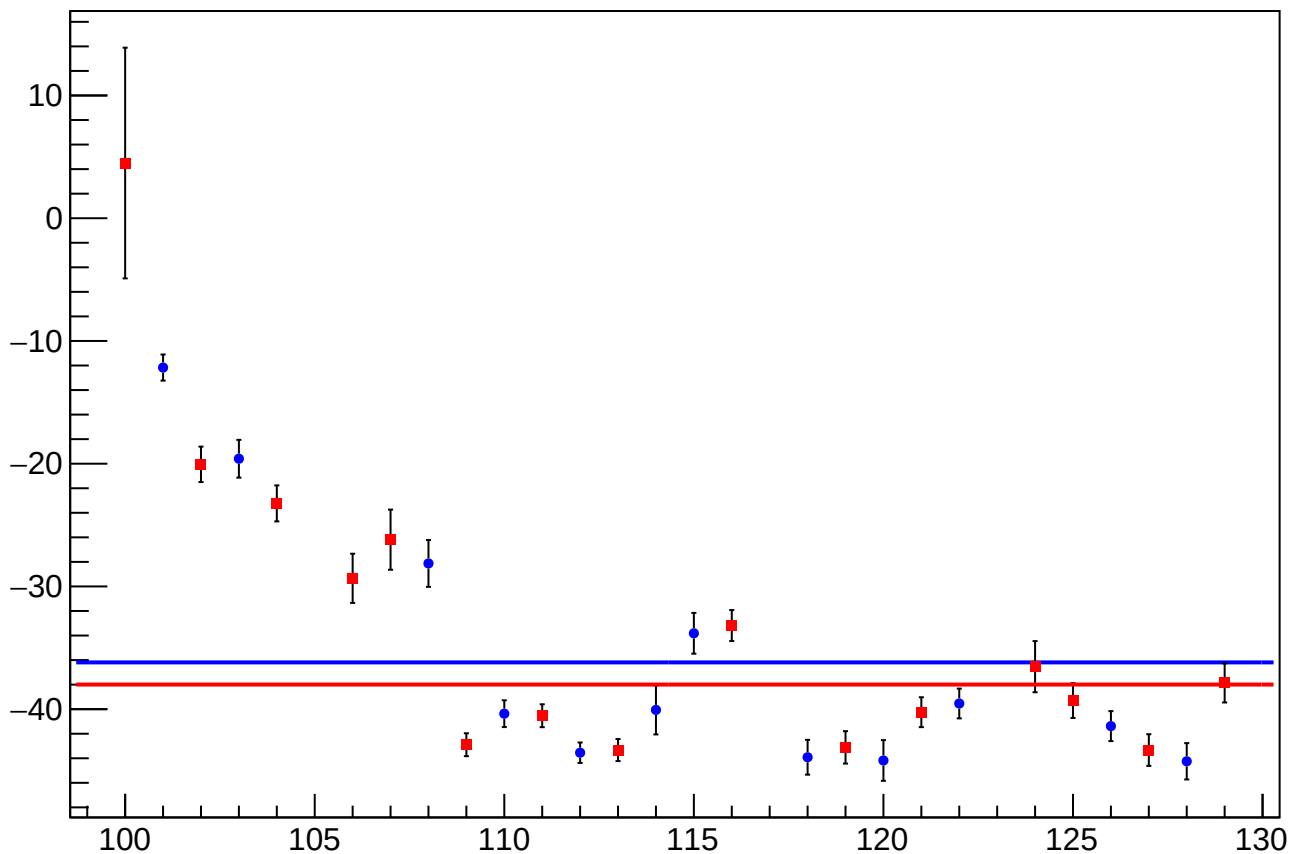
Right: -18.653±/0.014 χ^2/NDF : 238527.5/25

In: -19.803±/0.020 χ^2/NDF : 13454.0/11

Out: 0.000±/0.000 χ^2/NDF : 0.0/0

All: -18.653±/0.014 χ^2/NDF : 238527.5/25

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -36.188+/-0.374 χ^2/NDF : 850.9/11

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

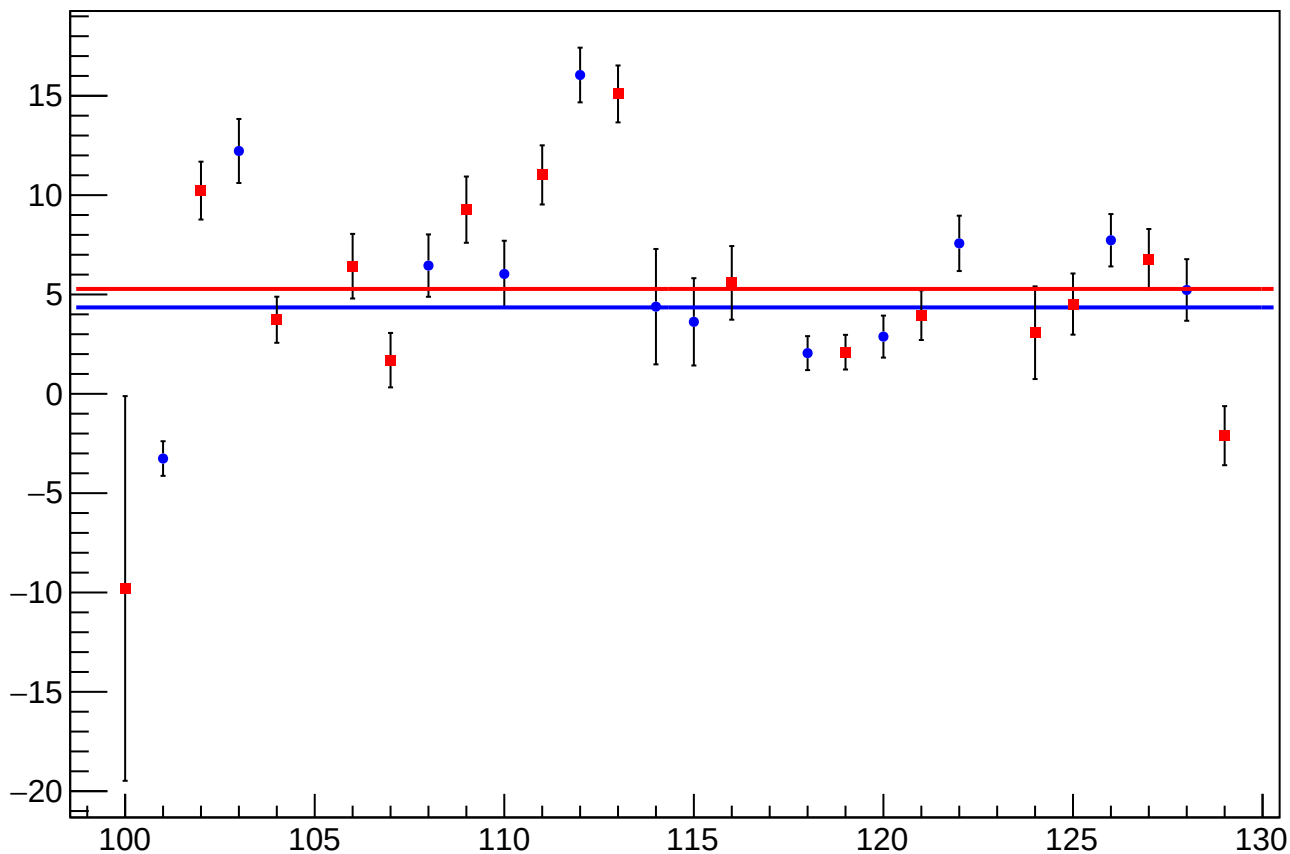
Right: -37.170+/-0.253 χ^2/NDF : 1303.2/26

In: -36.188+/-0.374 χ^2/NDF : 850.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.170+/-0.253 χ^2/NDF : 1303.2/26

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.349+/-0.375 χ^2/NDF : 196.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.279+/-0.373 χ^2/NDF : 131.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

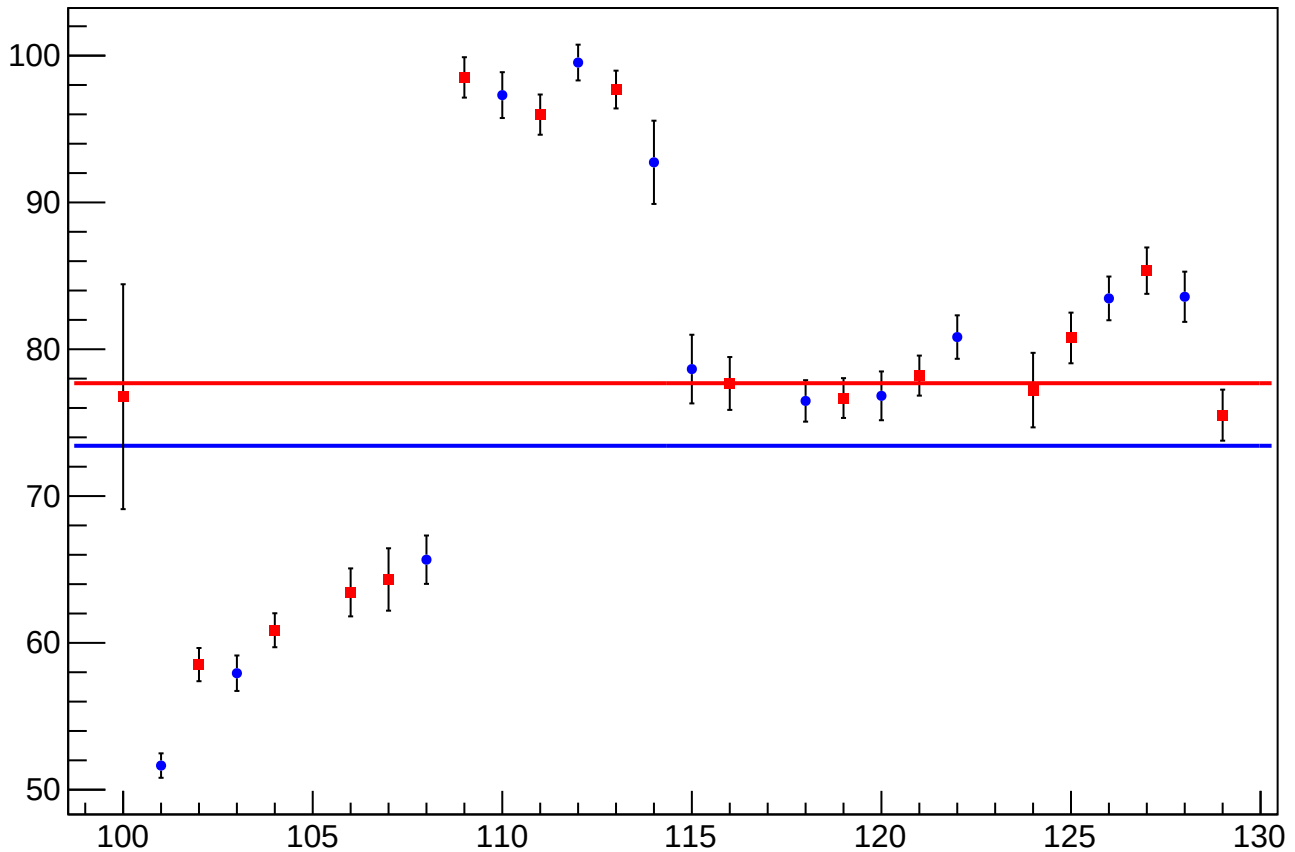
Right: 4.817+/-0.265 χ^2/NDF : 331.7/26

In: 4.349+/-0.375 χ^2/NDF : 196.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.817+/-0.265 χ^2/NDF : 331.7/26

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 73.425+/-0.408 χ^2/NDF : 1730.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.688+/-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

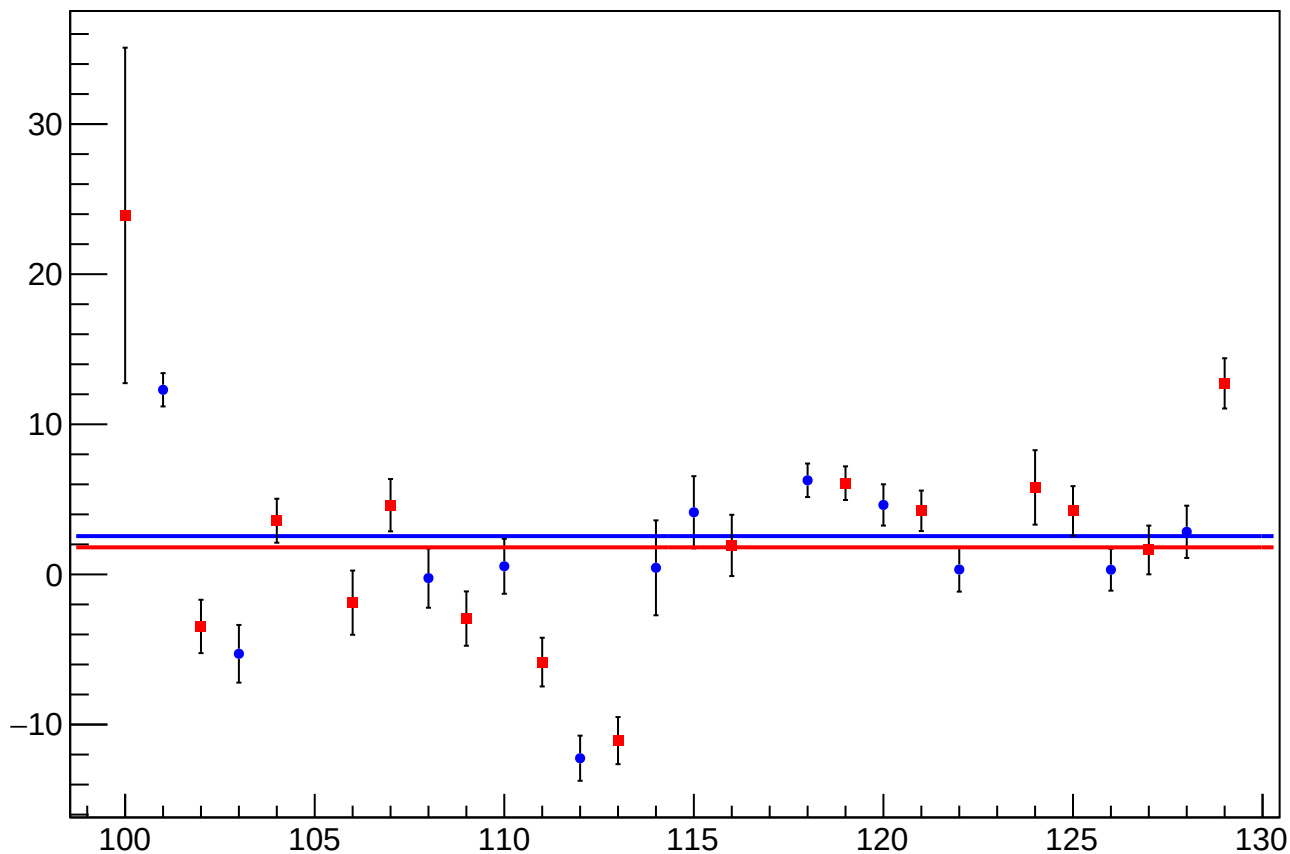
Right: 75.629+/-0.284 χ^2/NDF : 3079.2/26

In: 73.425+/-0.408 χ^2/NDF : 1730.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.629+/-0.284 χ^2/NDF : 3079.2/26

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.551+/-0.448 χ^2/NDF : 213.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.806+/-0.435 χ^2/NDF : 181.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

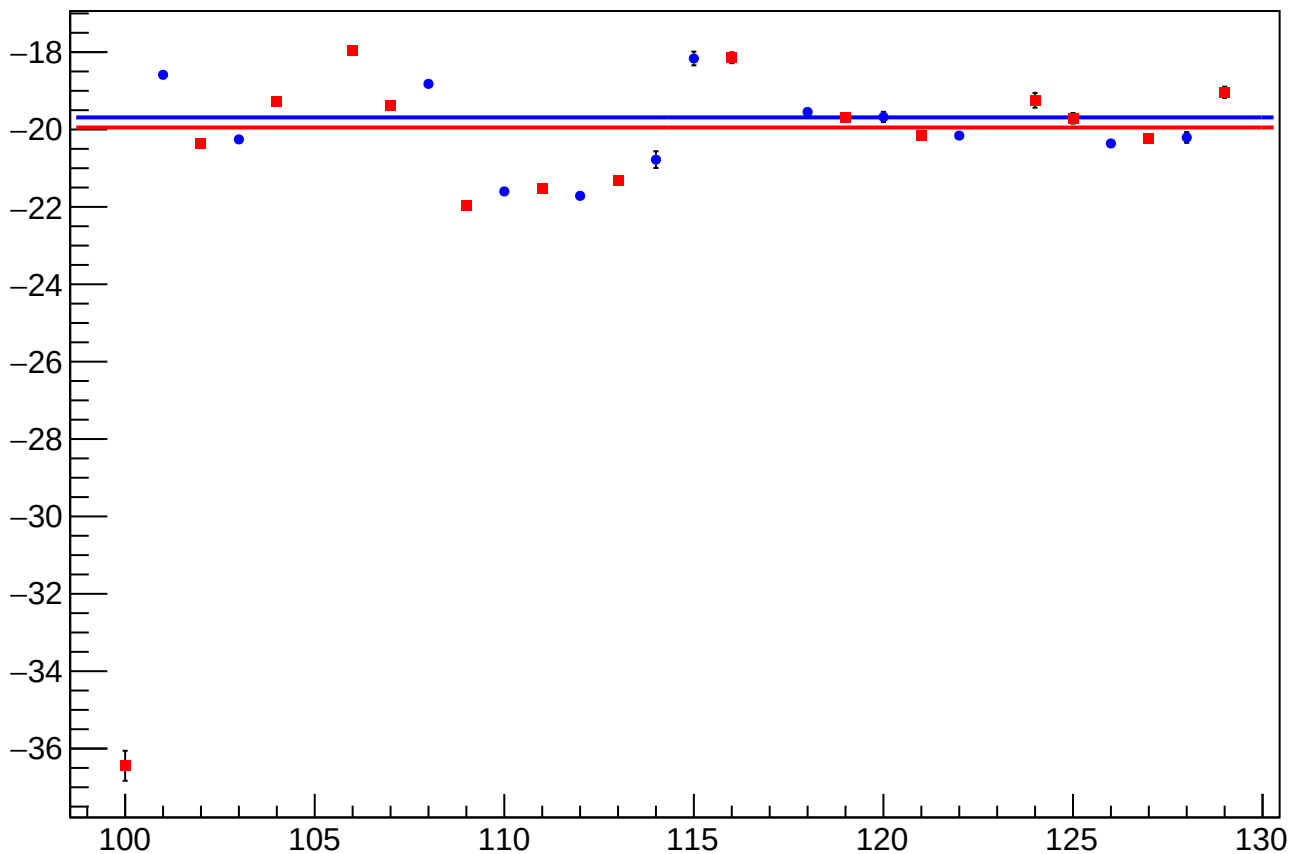
Right: 2.168+/-0.312 χ^2/NDF : 395.7/26

In: 2.551+/-0.448 χ^2/NDF : 213.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.168+/-0.312 χ^2/NDF : 395.7/26

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.687 ± 0.025 $\chi^2/\text{NDF}: 1619.5/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -19.948 ± 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 $\chi^2/\text{NDF}: 0.0/0$

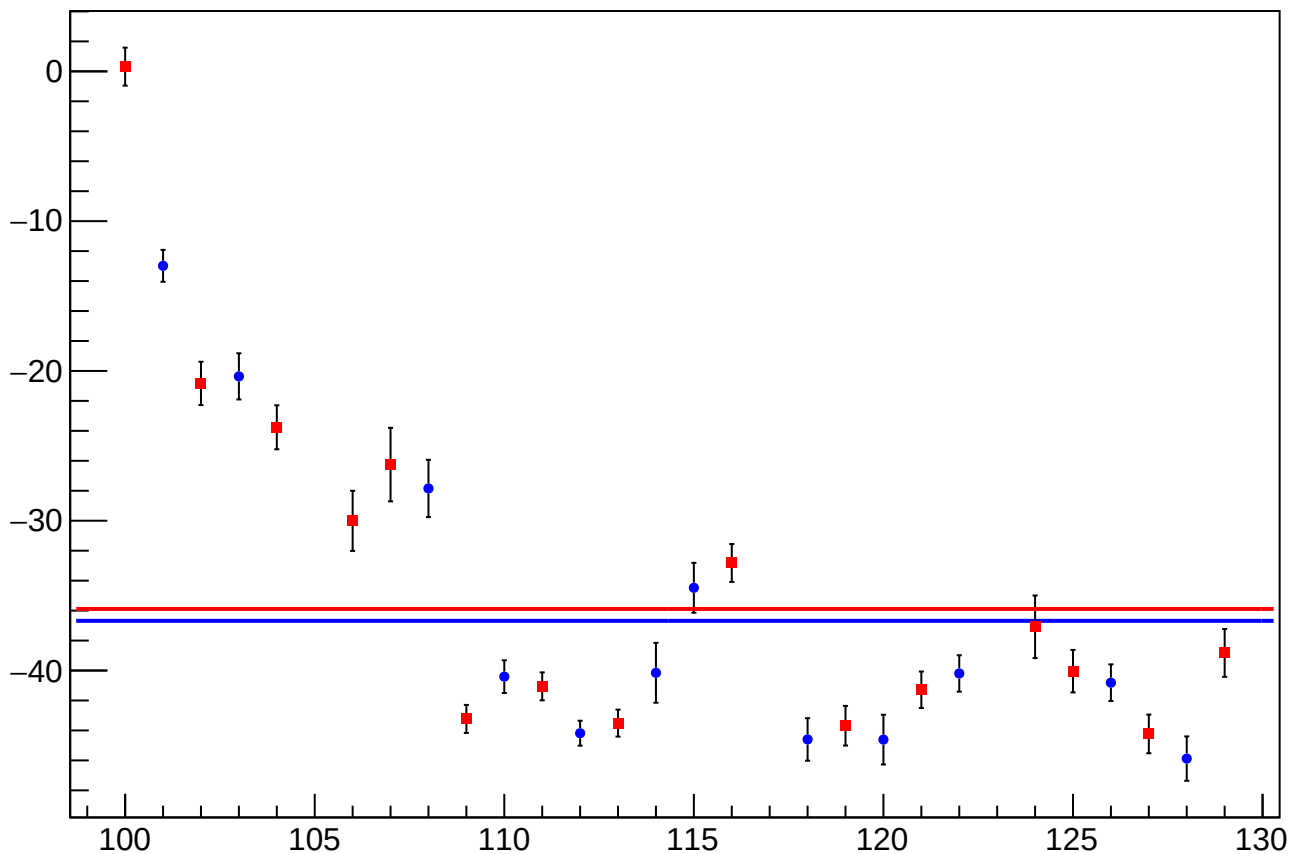
Right: -19.824 ± 0.017 $\chi^2/\text{NDF}: 5501.3/26$

In: -19.687 ± 0.025 $\chi^2/\text{NDF}: 1619.5/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -19.824 ± 0.017 $\chi^2/\text{NDF}: 5501.3/26$

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -36.683 $\pm$ 0.375 χ^2 /NDF: 837.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -35.889 $\pm$ 0.332 χ^2 /NDF: 1294.4/14

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

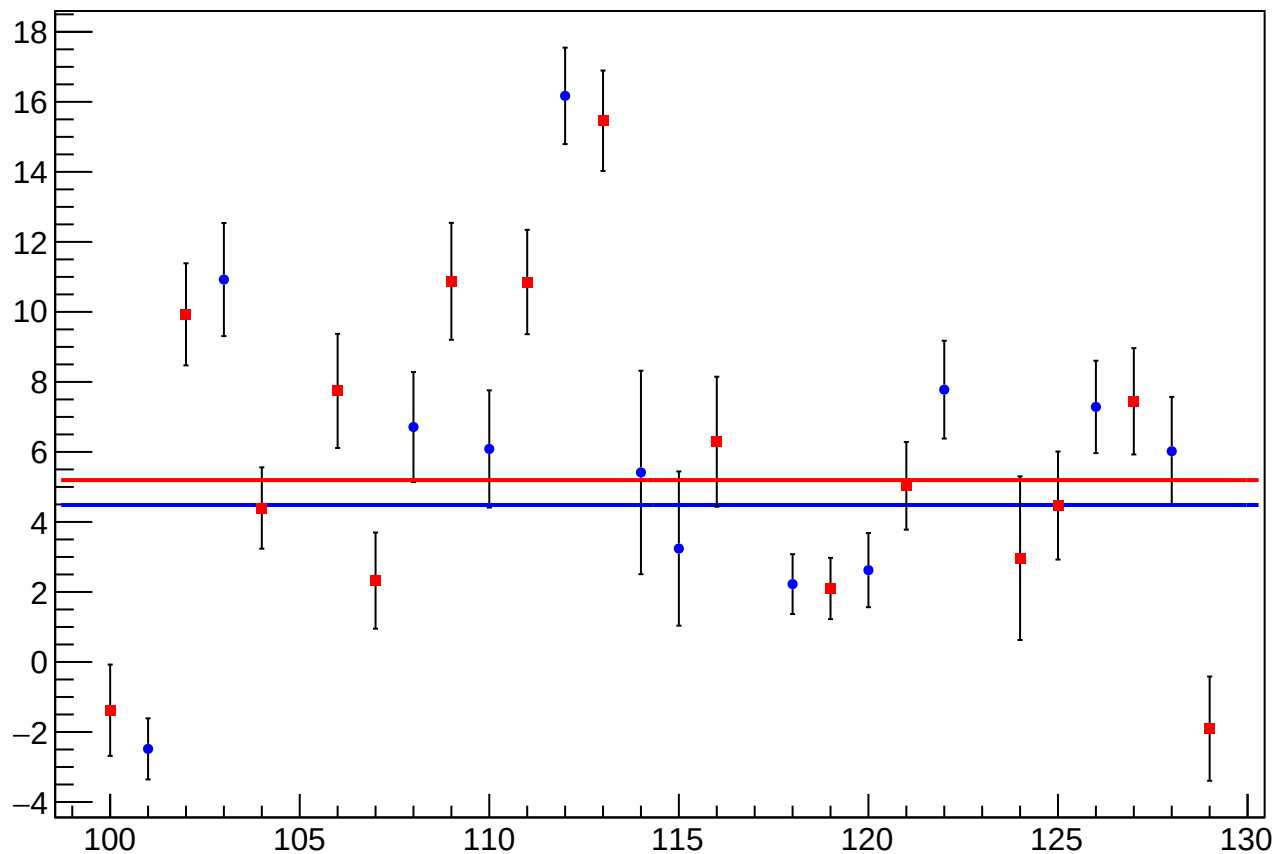
Right: -36.238 $\pm$ 0.248 χ^2 /NDF: 2134.7/26

In: -36.683 $\pm$ 0.375 χ^2 /NDF:837.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -36.238 $\pm$ 0.248 χ^2 /NDF: 2134.7/26

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.484 $\pm$ 0.376 χ^2 /NDF: 176.1/11

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

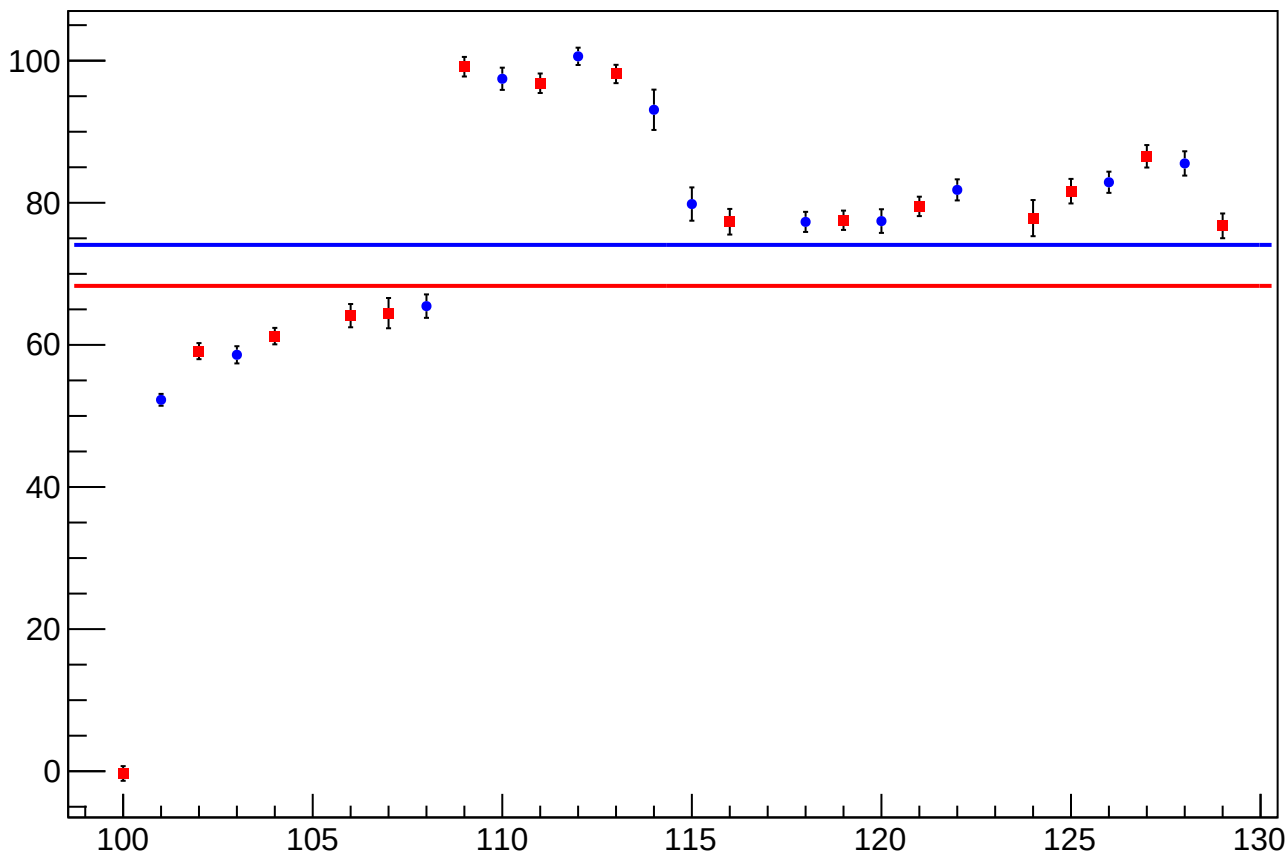
Right: 4.856 $\pm$ 0.260 χ^2 /NDF: 337.3/26

In: 4.484 $\pm$ 0.376 χ^2 /NDF:176.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4.856 $\pm$ 0.260 χ^2 /NDF: 337.3/26

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.074+/-0.409 χ^2/NDF : 1738.7/11

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

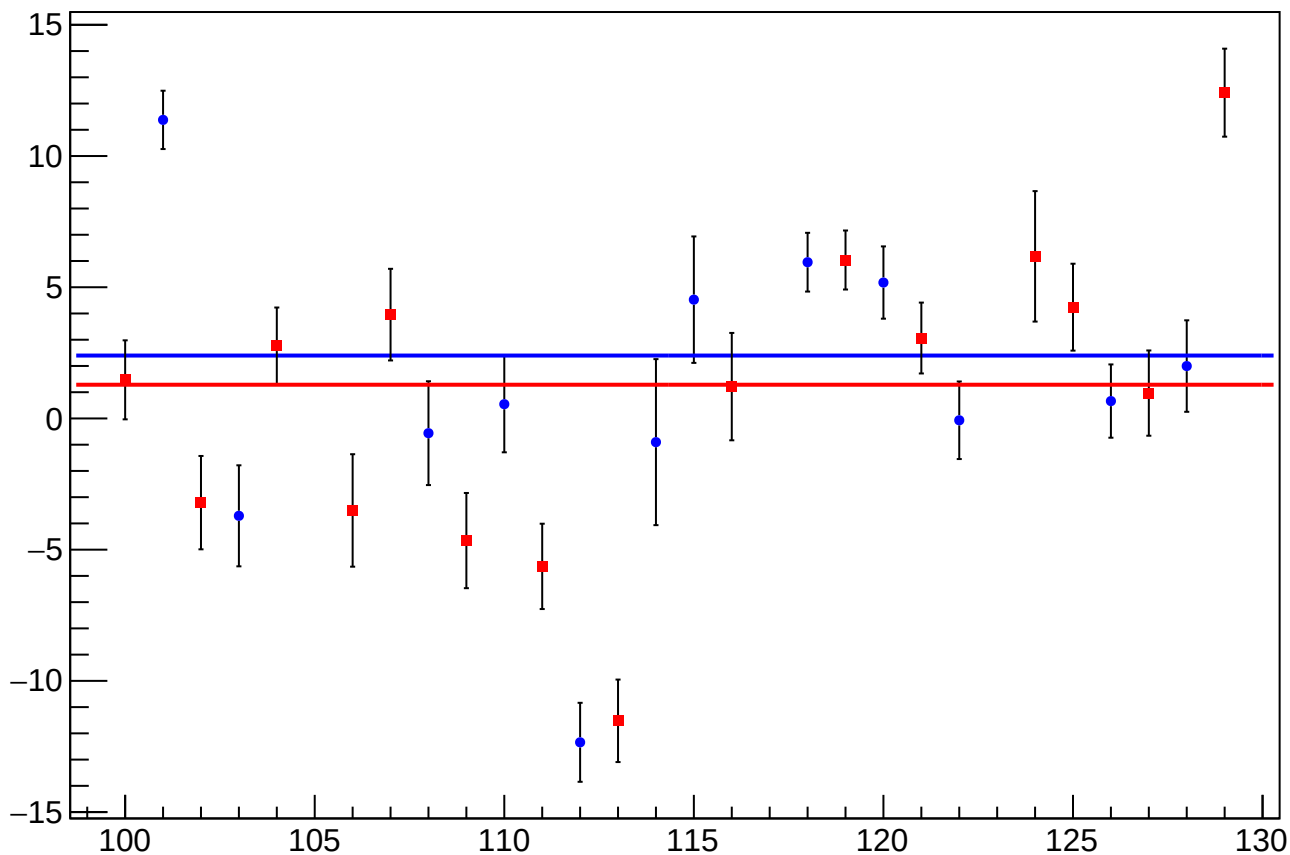
Right: 70.899+/-0.274 χ^2/NDF : 8208.8/26

In: 74.074+/-0.409 χ^2/NDF : 1738.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.899+/-0.274 χ^2/NDF : 8208.8/26

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.397+/-0.448 χ^2/NDF : 195.0/11

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

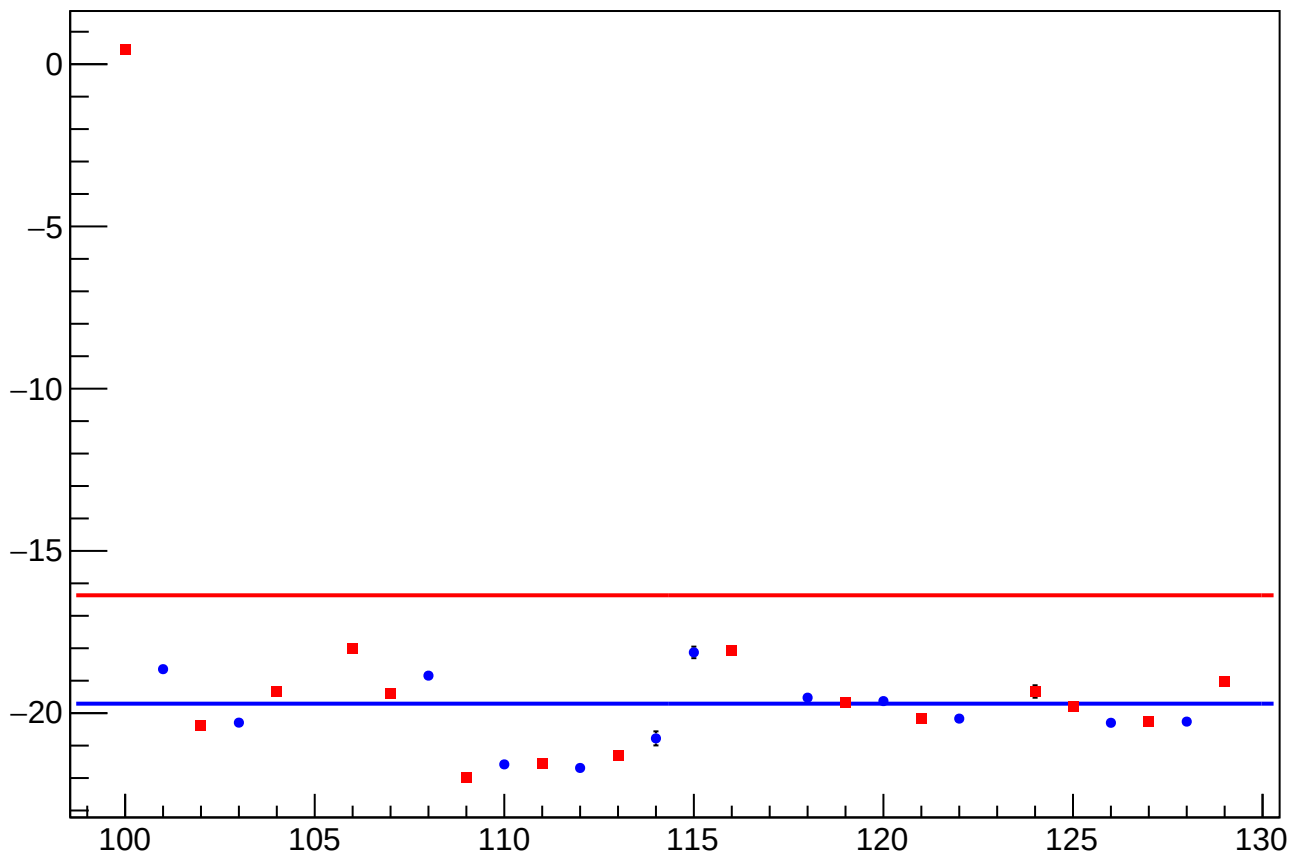
Right: 1.803+/-0.306 χ^2/NDF : 379.0/26

In: 2.397+/-0.448 χ^2/NDF : 195.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.803+/-0.306 χ^2/NDF : 379.0/26

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.708 $\pm$ 0.025 χ^2 /NDF: 1557.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -16.368 $\pm$ 0.022 χ^2 /NDF: 127153.6/14

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

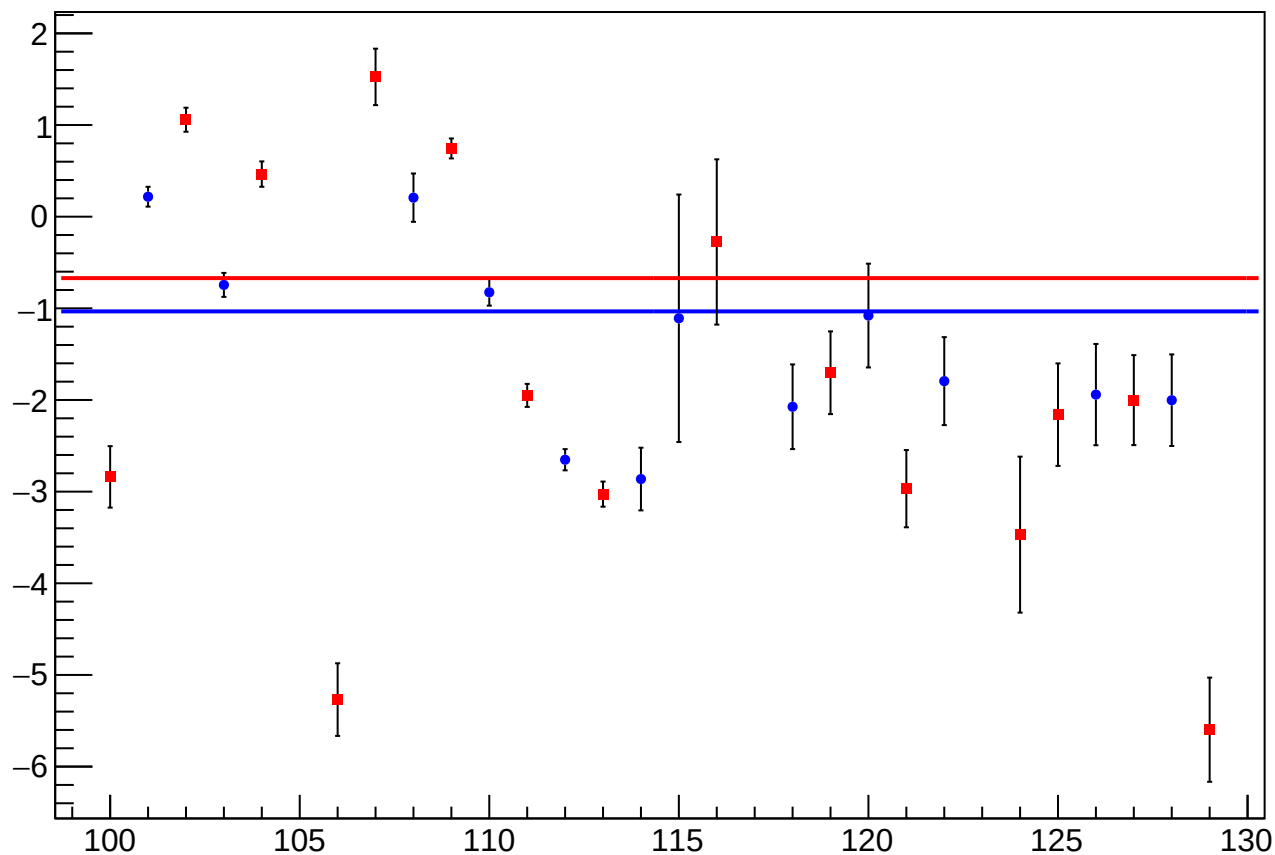
Right: -17.802 $\pm$ 0.016 χ^2 /NDF: 138769.0/26

In: -19.708 $\pm$ 0.025 χ^2 /NDF:1557.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -17.802 $\pm$ 0.016 χ^2 /NDF: 138769.0/26

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.033 ± 0.057 χ^2/NDF : 400.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.670 ± 0.053 χ^2/NDF : 1171.8/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

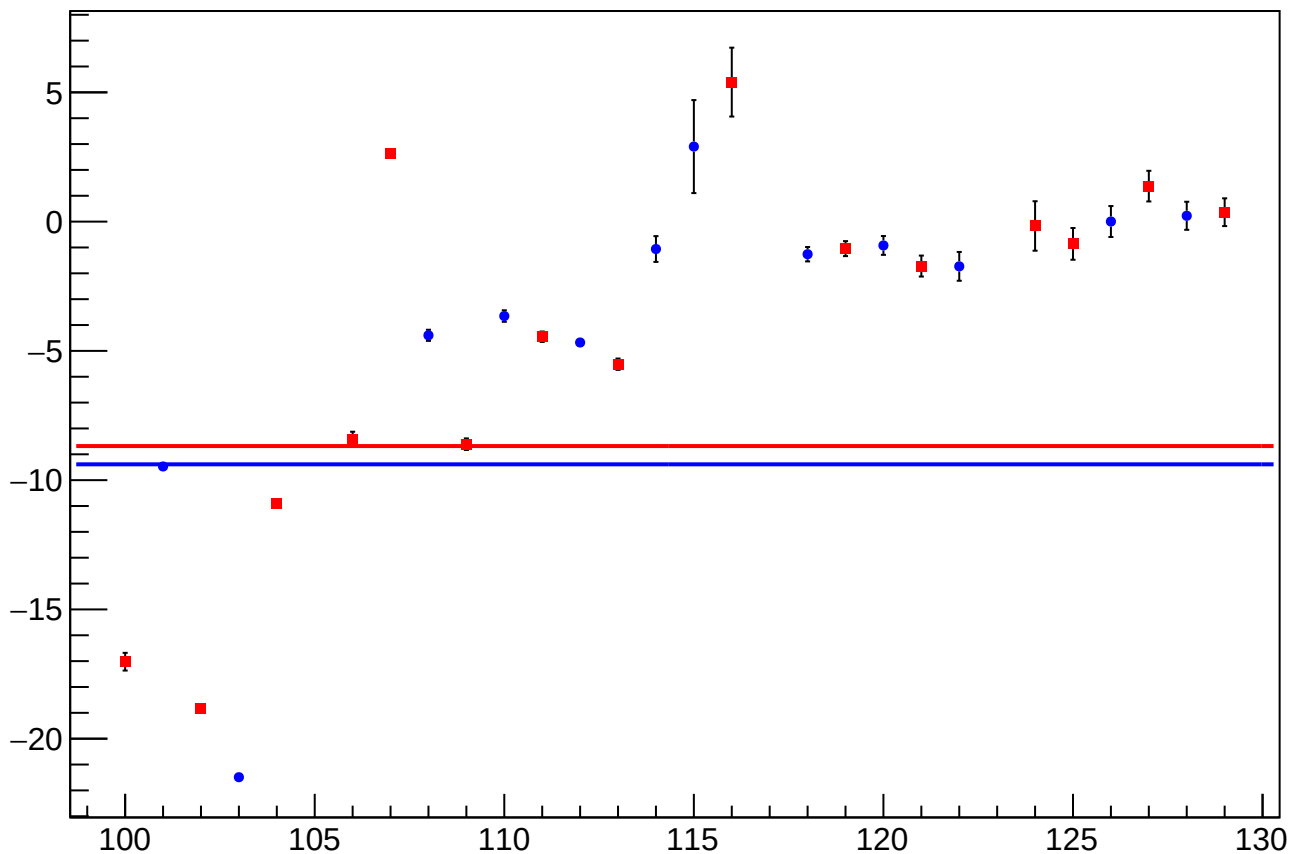
Right: -0.838 ± 0.039 χ^2/NDF : 1594.6/26

In: -1.033 ± 0.057 χ^2/NDF : 400.8/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.838 ± 0.039 χ^2/NDF : 1594.6/26

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -9.388 ± 0.060 $\chi^2/\text{NDF}: 11873.2/11$

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 $\chi^2/\text{NDF}: 0.0/0$

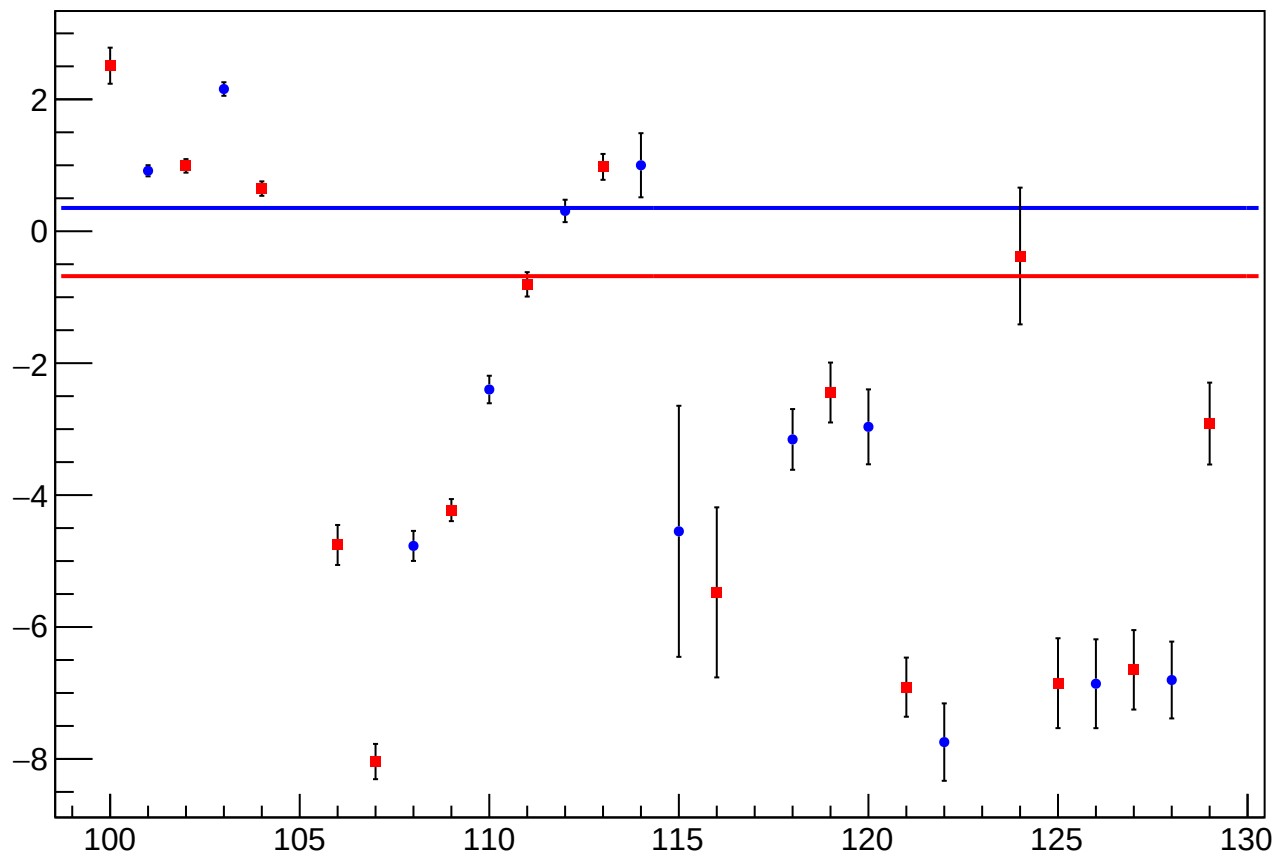
Right: -9.040 ± 0.042 $\chi^2/\text{NDF}: 25179.7/26$

In: -9.388 ± 0.060 $\chi^2/\text{NDF}: 11873.2/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -9.040 ± 0.042 $\chi^2/\text{NDF}: 25179.7/26$

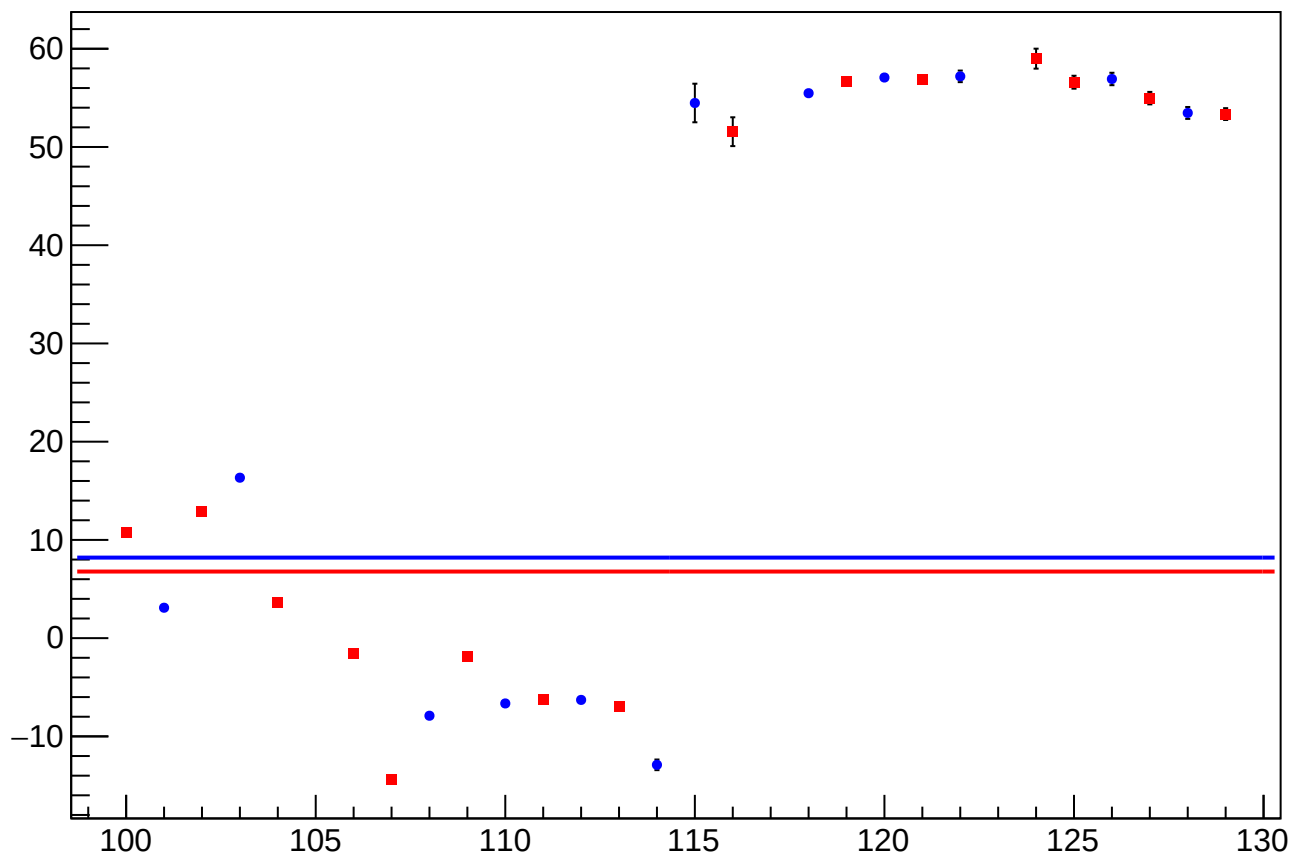
reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.353 ± 0.055 χ^2/NDF : 1589.4/11
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -0.681 ± 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: -0.160 ± 0.039 χ^2/NDF : 4189.0/26
 In: 0.353 ± 0.055 χ^2/NDF : 1589.4/11
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -0.160 ± 0.039 χ^2/NDF : 4189.0/26

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.200+/-0.072 χ^2/NDF : 64572.8/11

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

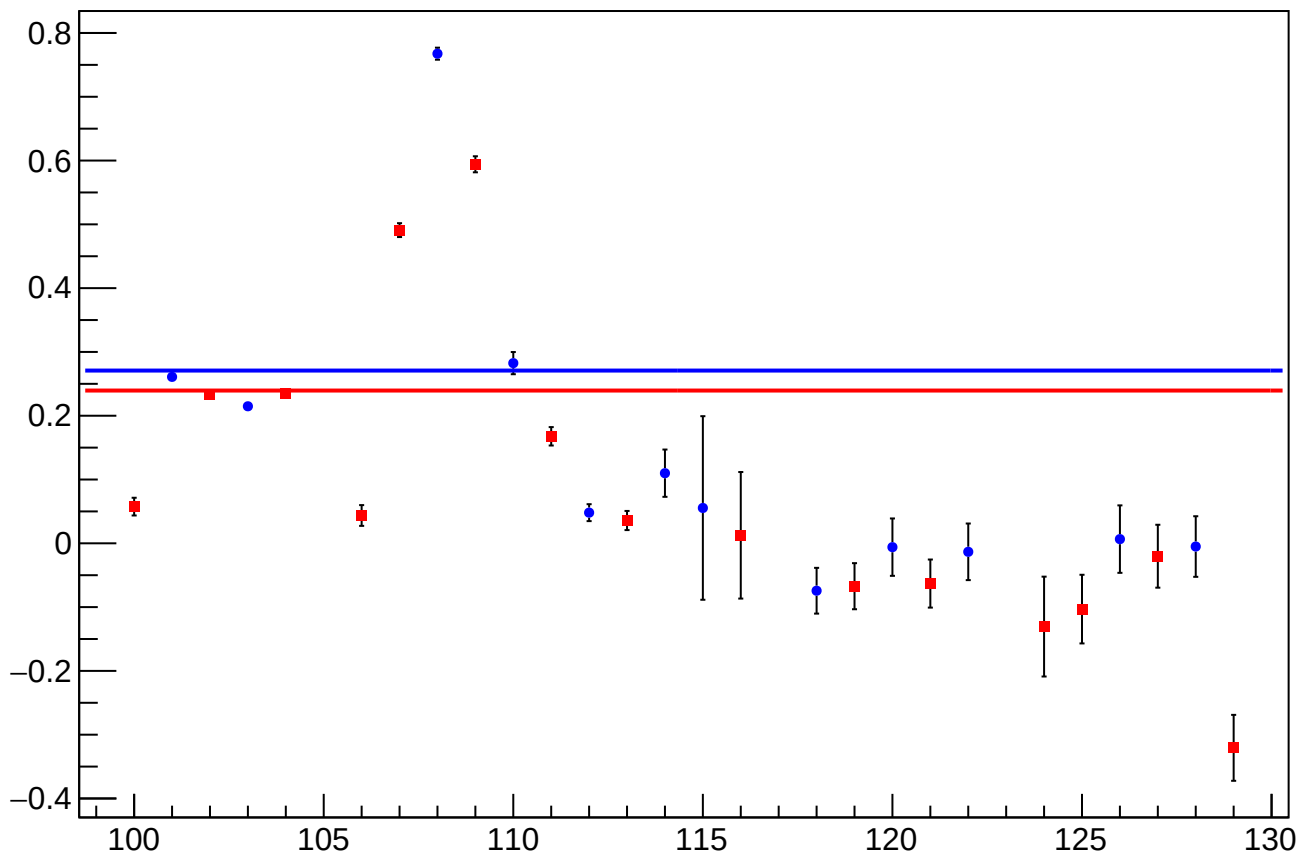
Right: 7.488+/-0.051 χ^2/NDF : 136132.6/26

In: 8.200+/-0.072 χ^2/NDF : 64572.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.488+/-0.051 χ^2/NDF : 136132.6/26

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.271+/-0.003 χ^2/NDF : 3484.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.239+/-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

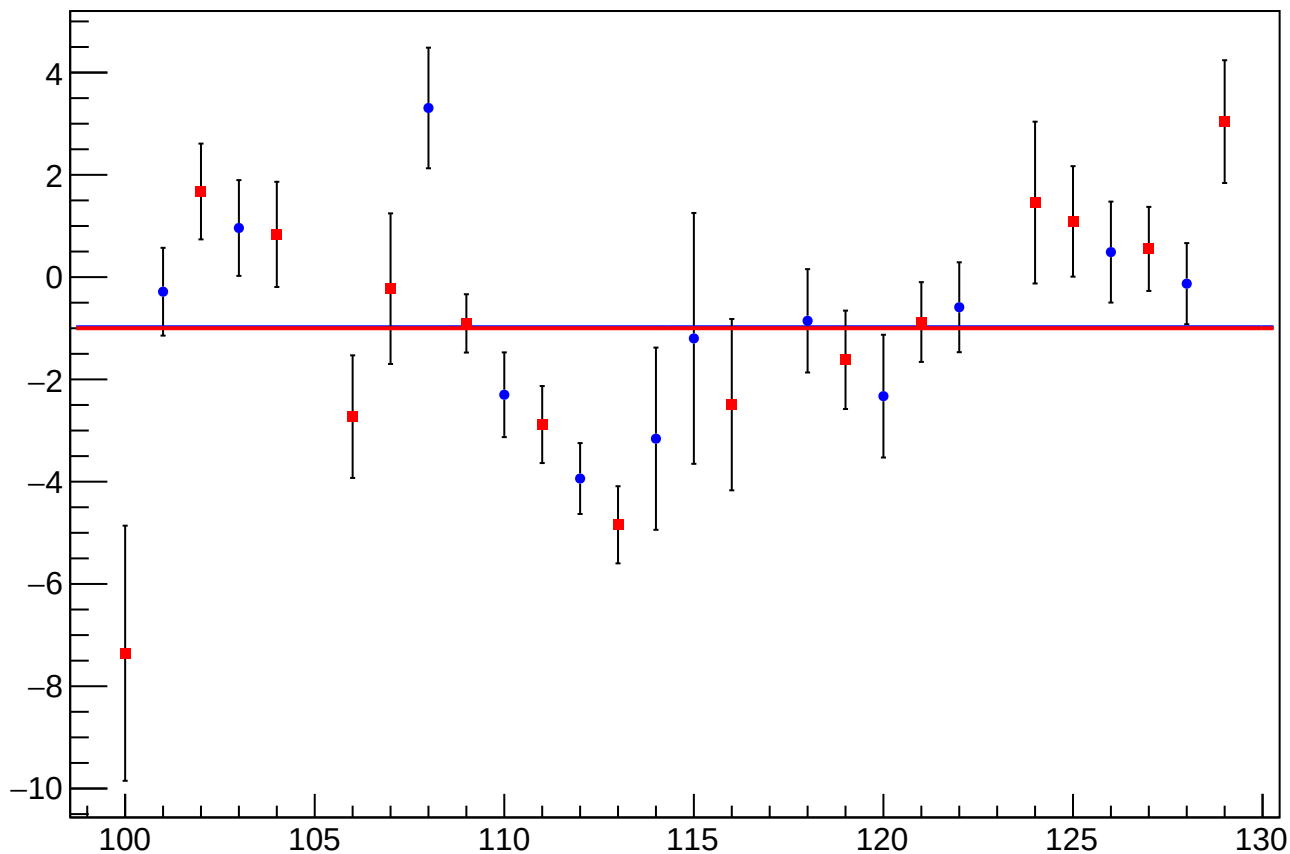
Right: 0.255+/-0.002 χ^2/NDF : 5753.2/26

In: 0.271+/-0.003 χ^2/NDF : 3484.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.255+/-0.002 χ^2/NDF : 5753.2/26

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.981 ± 0.279 $\chi^2/\text{NDF}: 45.3/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.000 ± 0.246 $\chi^2/\text{NDF}: 74.7/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

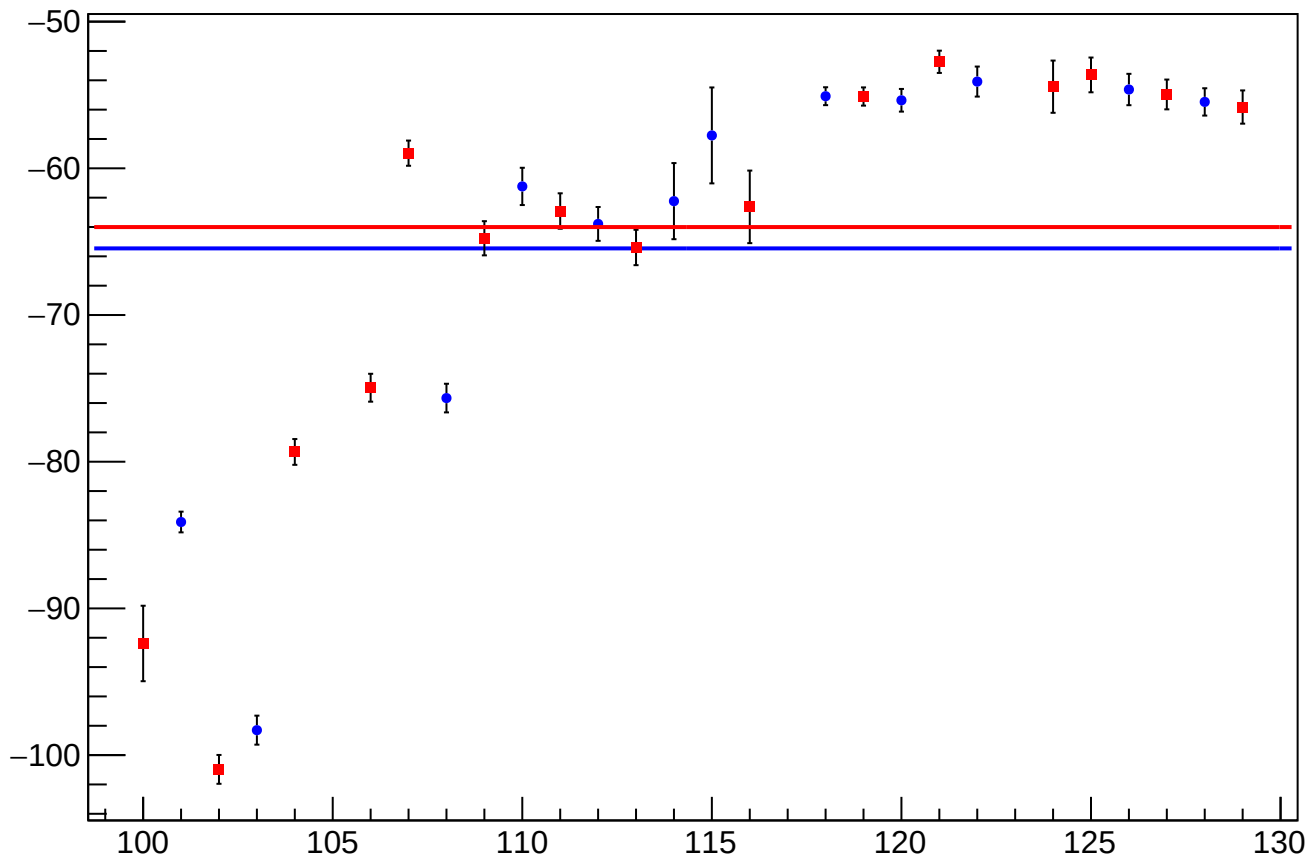
Right: -0.991 ± 0.185 $\chi^2/\text{NDF}: 120.0/26$

In: -0.981 ± 0.279 $\chi^2/\text{NDF}: 45.3/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.991 ± 0.185 $\chi^2/\text{NDF}: 120.0/26$

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -65.459+/-0.277 χ^2/NDF : 2731.5/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -64.004+/-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

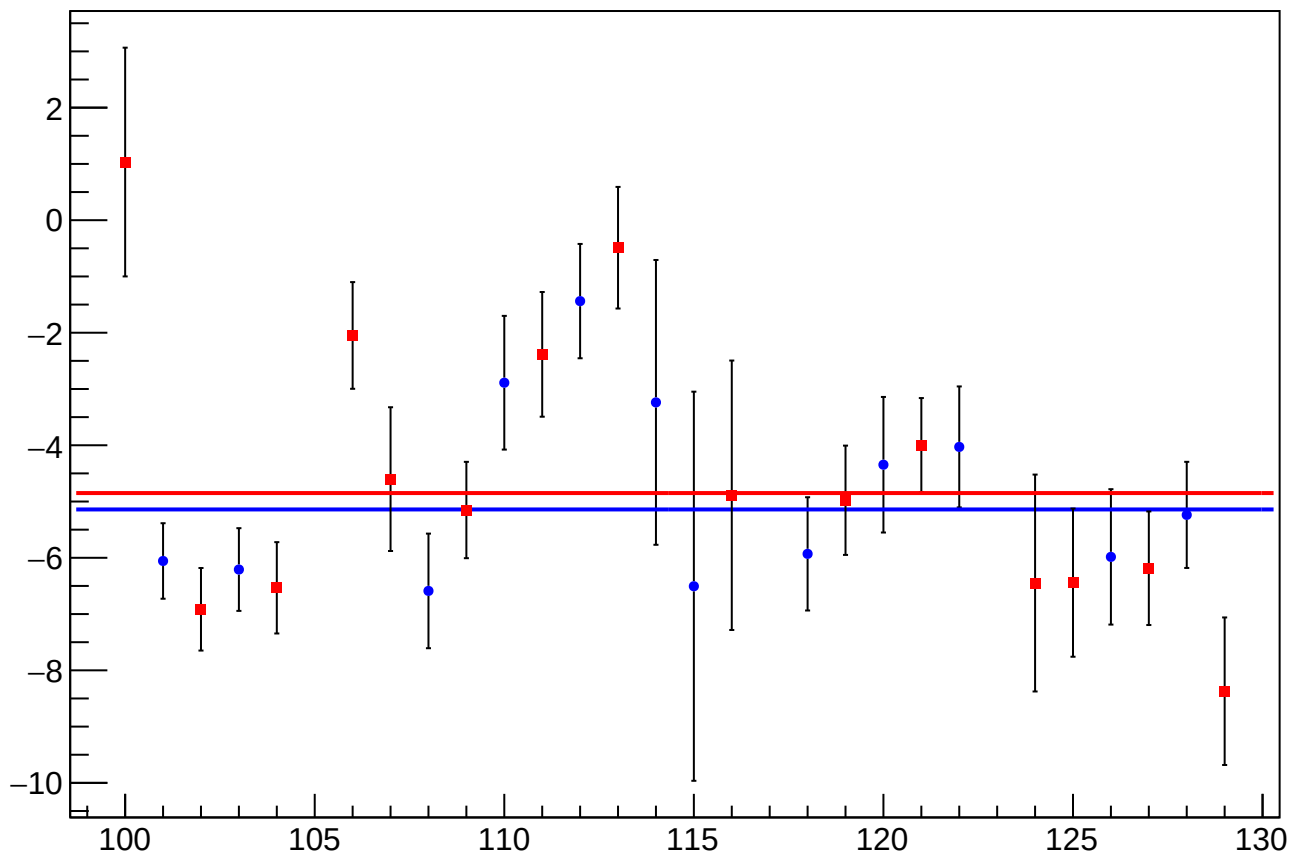
Right: -64.697+/-0.191 χ^2/NDF : 5418.3/26

In: -65.459+/-0.277 χ^2/NDF :2731.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -64.697+/-0.191 χ^2/NDF : 5418.3/26

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.141 ± 0.297 χ^2/NDF : 26.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.849 ± 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

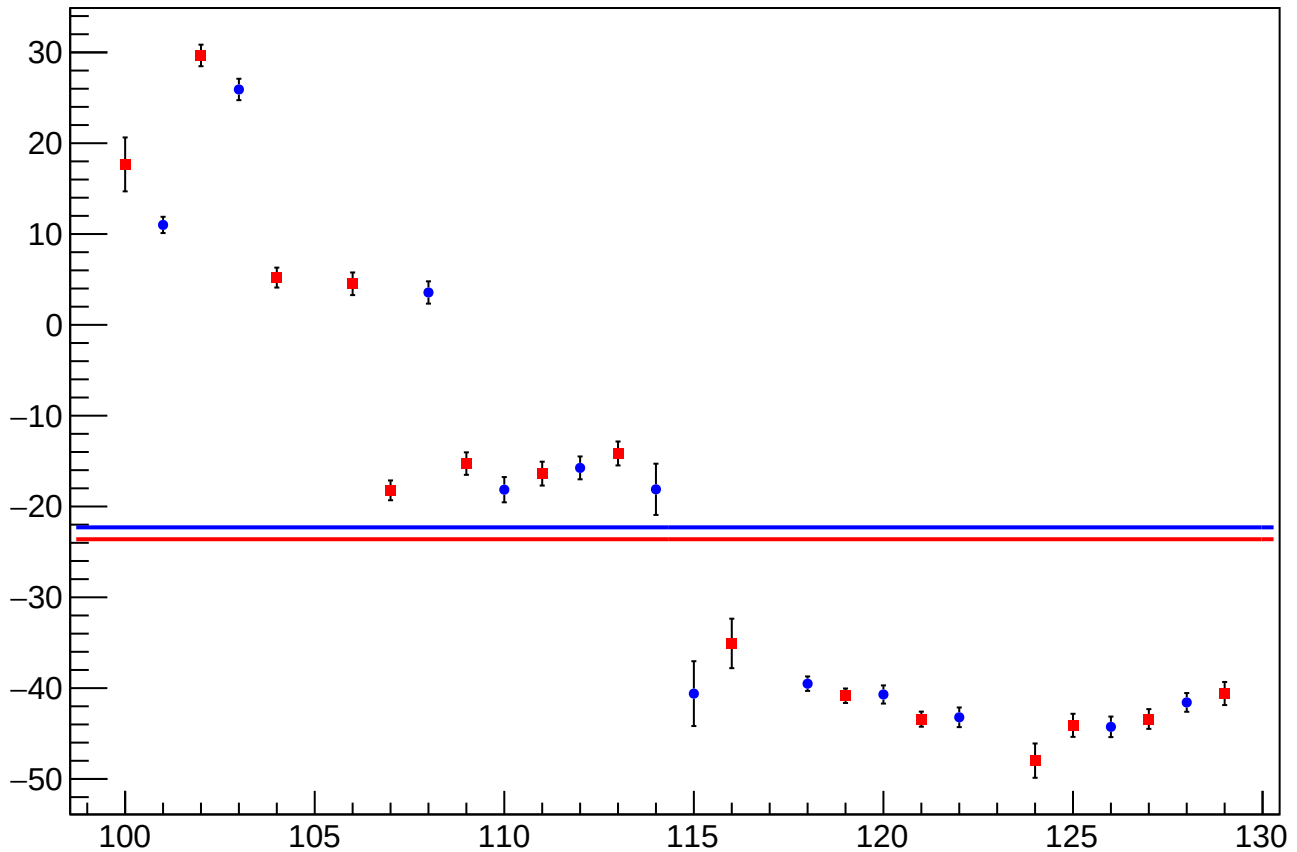
Right: -4.982 ± 0.201 χ^2/NDF : 89.6/26

In: -5.141 ± 0.297 χ^2/NDF : 26.2/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.982 ± 0.201 χ^2/NDF : 89.6/26

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -22.296+/-0.331 χ^2/NDF : 5471.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -23.605+/-0.309 χ^2/NDF : 5547.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

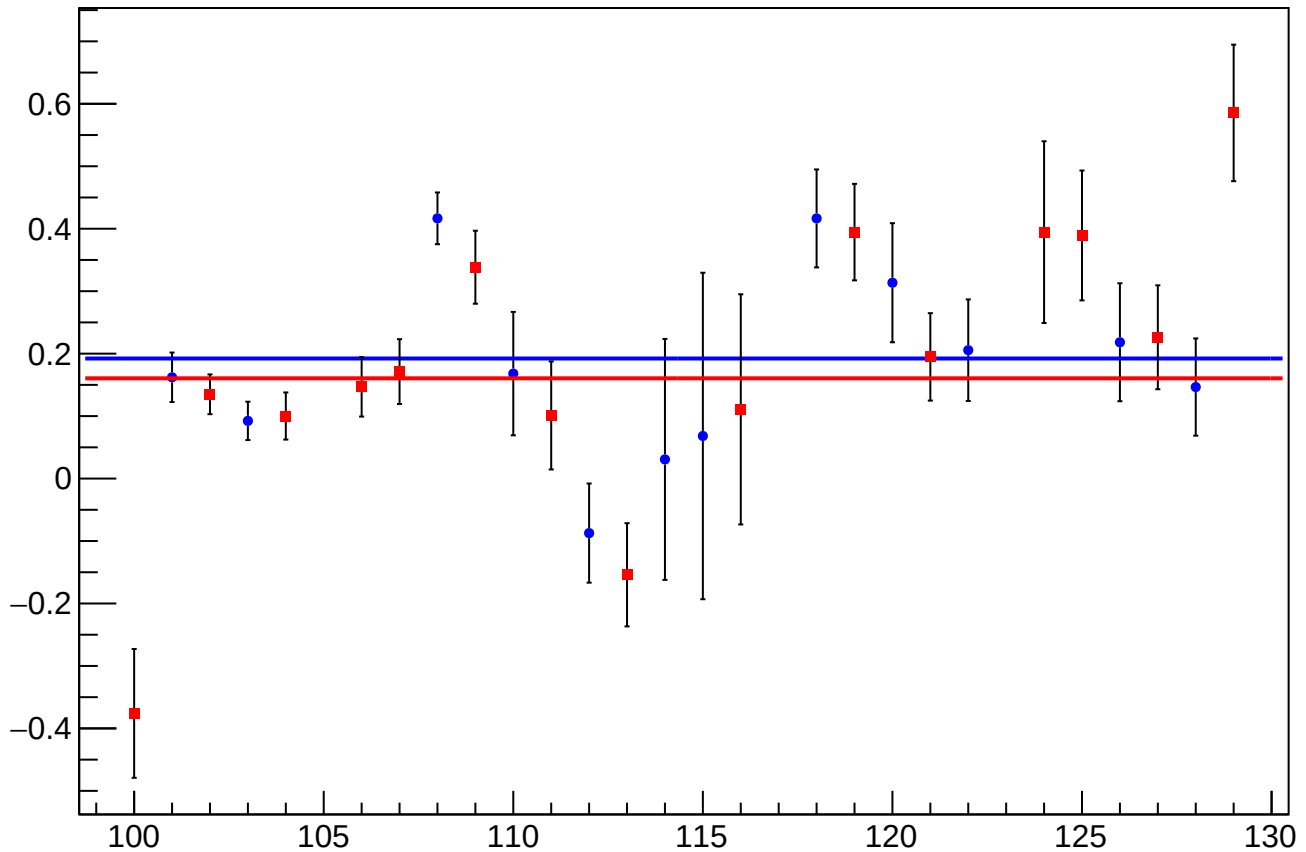
Right: -22.995+/-0.226 χ^2/NDF : 11027.7/26

In: -22.296+/-0.331 χ^2/NDF :5471.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -22.995+/-0.226 χ^2/NDF : 11027.7/26

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.192+/-0.017 χ^2/NDF : 64.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.160+/-0.016 χ^2/NDF : 87.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

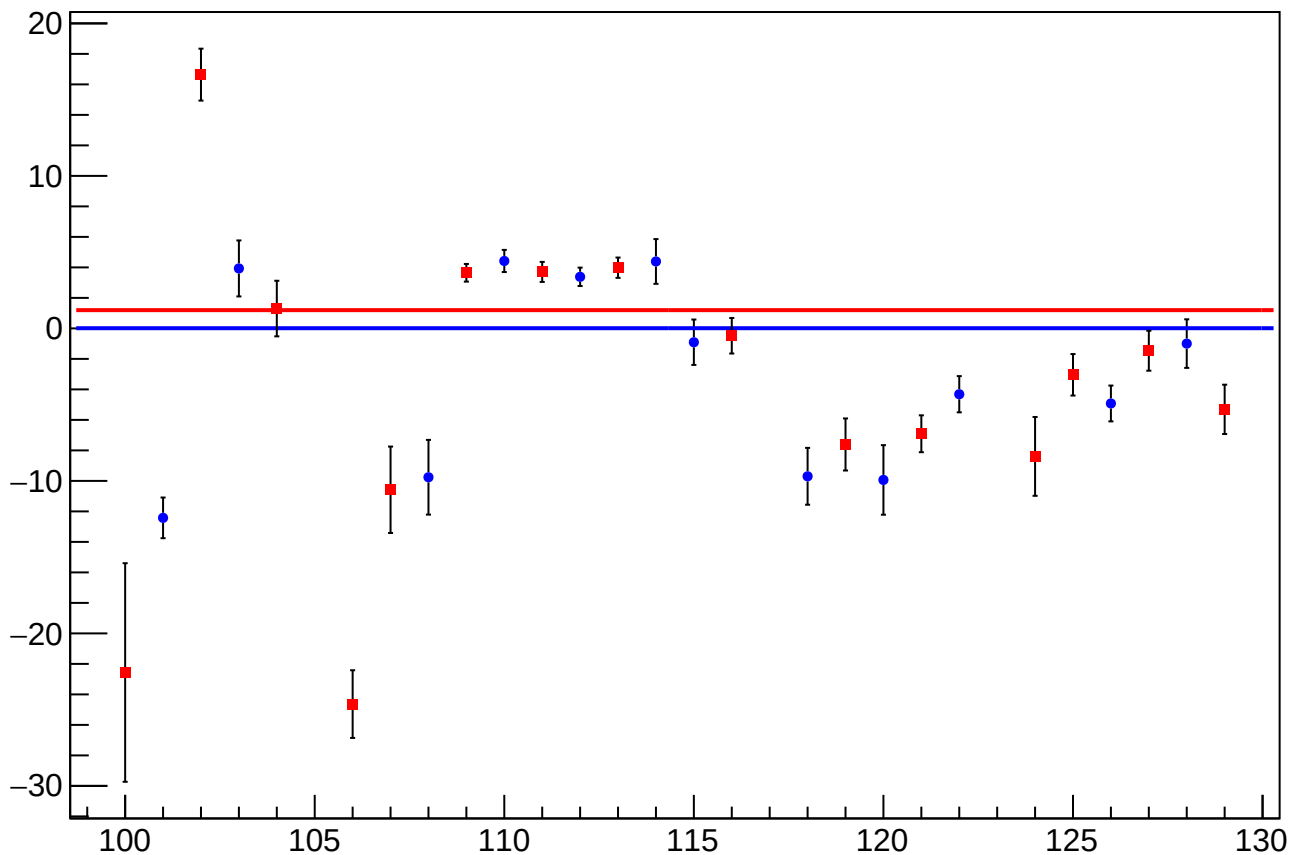
Right: 0.175+/-0.012 χ^2/NDF : 153.3/26

In: 0.192+/-0.017 χ^2/NDF : 64.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.175+/-0.012 χ^2/NDF : 153.3/26

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.335 χ^2 /NDF: 262.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.197 $\pm$ 0.289 χ^2 /NDF: 413.4/14

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

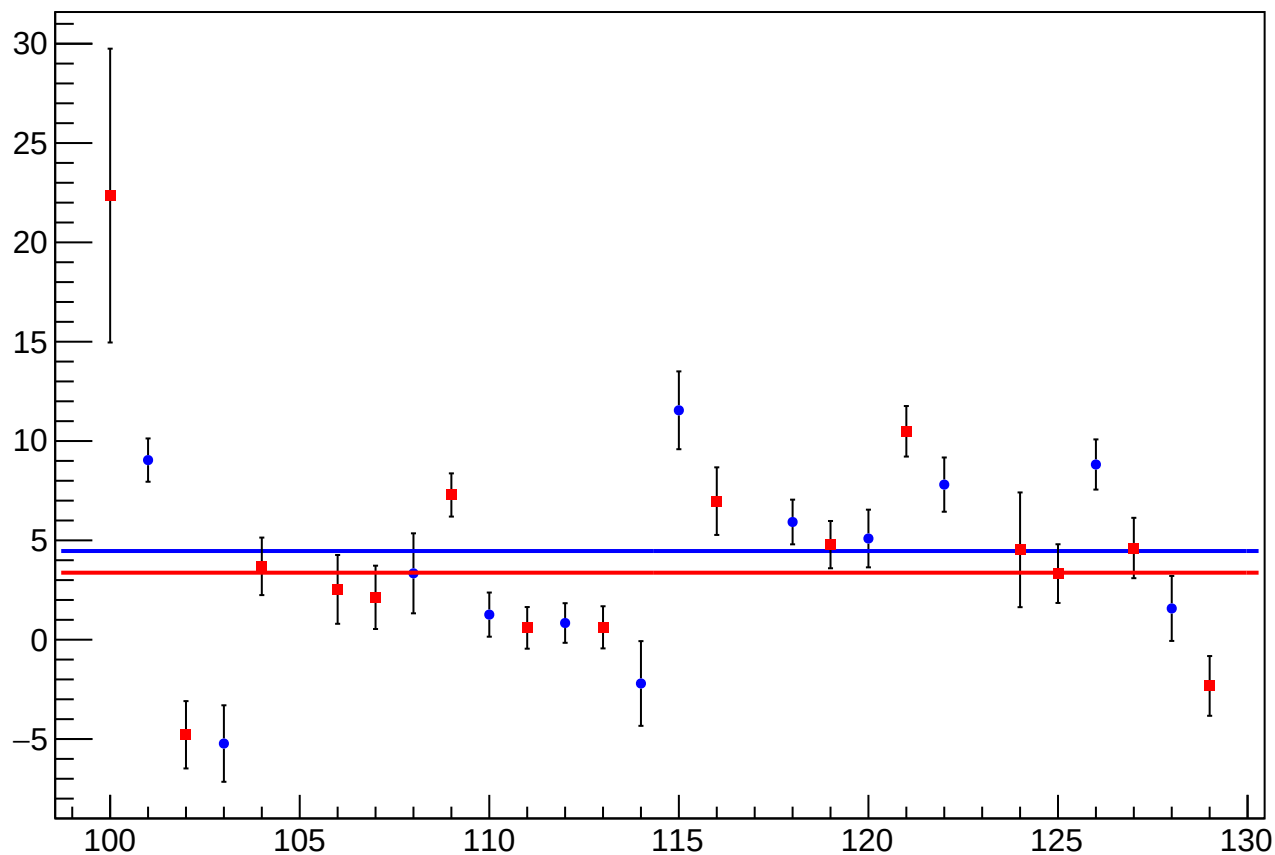
Right: 0.692 $\pm$ 0.219 χ^2 /NDF: 682.7/26

In: 0.012 $\pm$ 0.335 χ^2 /NDF:262.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.692 $\pm$ 0.219 χ^2 /NDF: 682.7/26

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.464+/-0.394 χ^2/NDF : 110.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.373+/-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

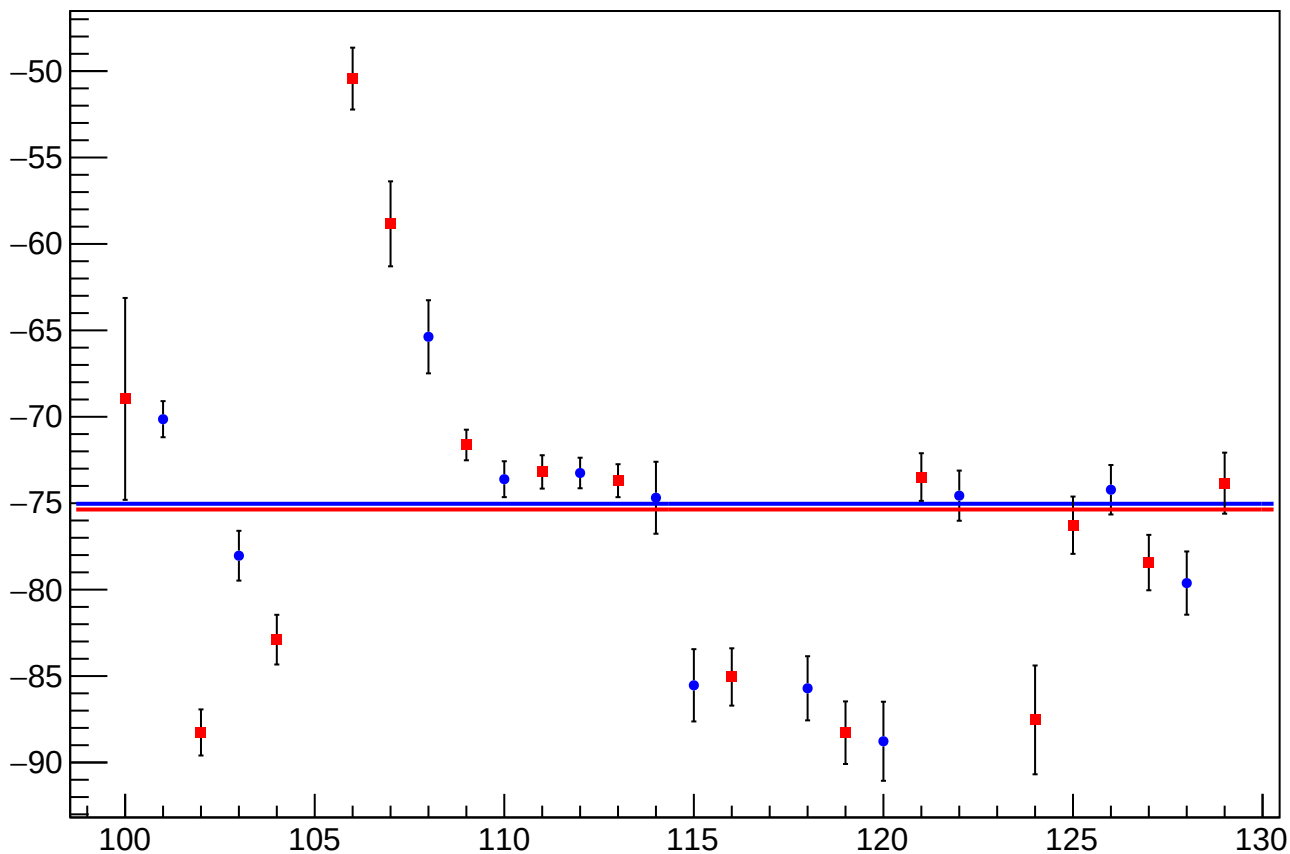
Right: 3.883+/-0.269 χ^2/NDF : 224.3/26

In: 4.464+/-0.394 χ^2/NDF : 110.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.883+/-0.269 χ^2/NDF : 224.3/26

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -75.033 $\pm$ 0.407 χ^2 /NDF: 154.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -75.364 $\pm$ 0.368 χ^2 /NDF: 493.9/14

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

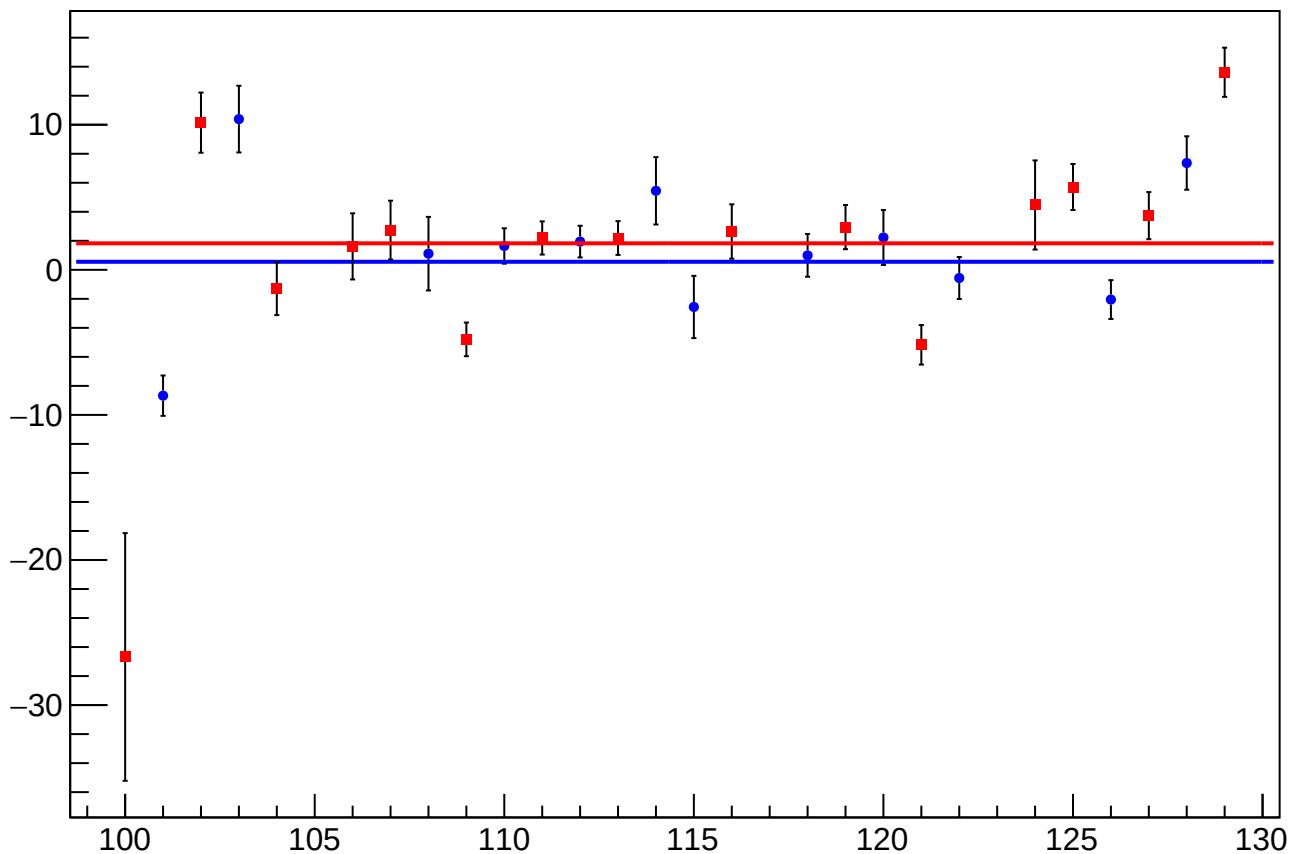
Right: -75.215 $\pm$ 0.273 χ^2 /NDF: 648.6/26

In: -75.033 $\pm$ 0.407 χ^2 /NDF:154.3/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -75.215 $\pm$ 0.273 χ^2 /NDF: 648.6/26

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.555+/-0.454 χ^2/NDF : 90.3/11

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

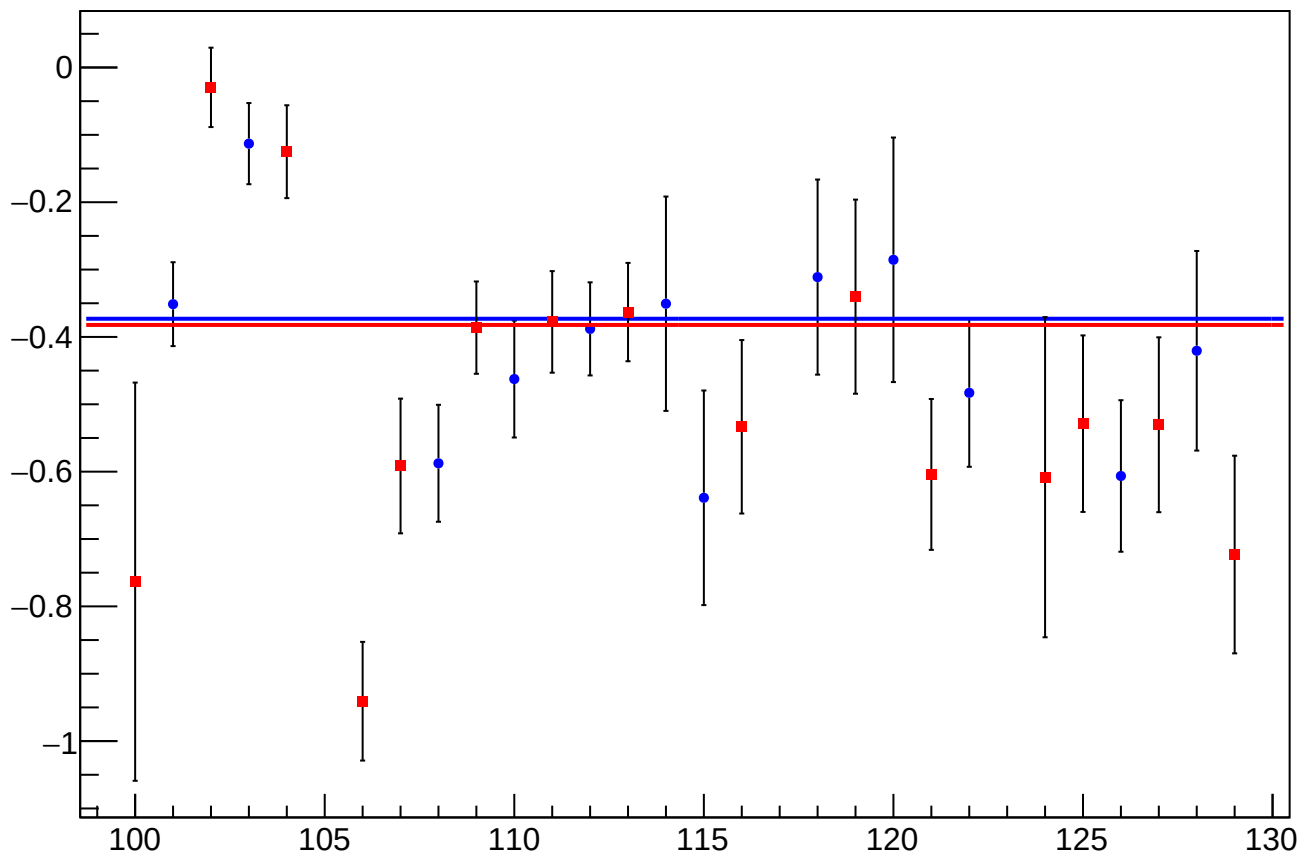
Right: 1.243+/-0.308 χ^2/NDF : 241.4/26

In: 0.555+/-0.454 χ^2/NDF : 90.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.243+/-0.308 χ^2/NDF : 241.4/26

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.373+/-0.027 χ^2/NDF : 34.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.382+/-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

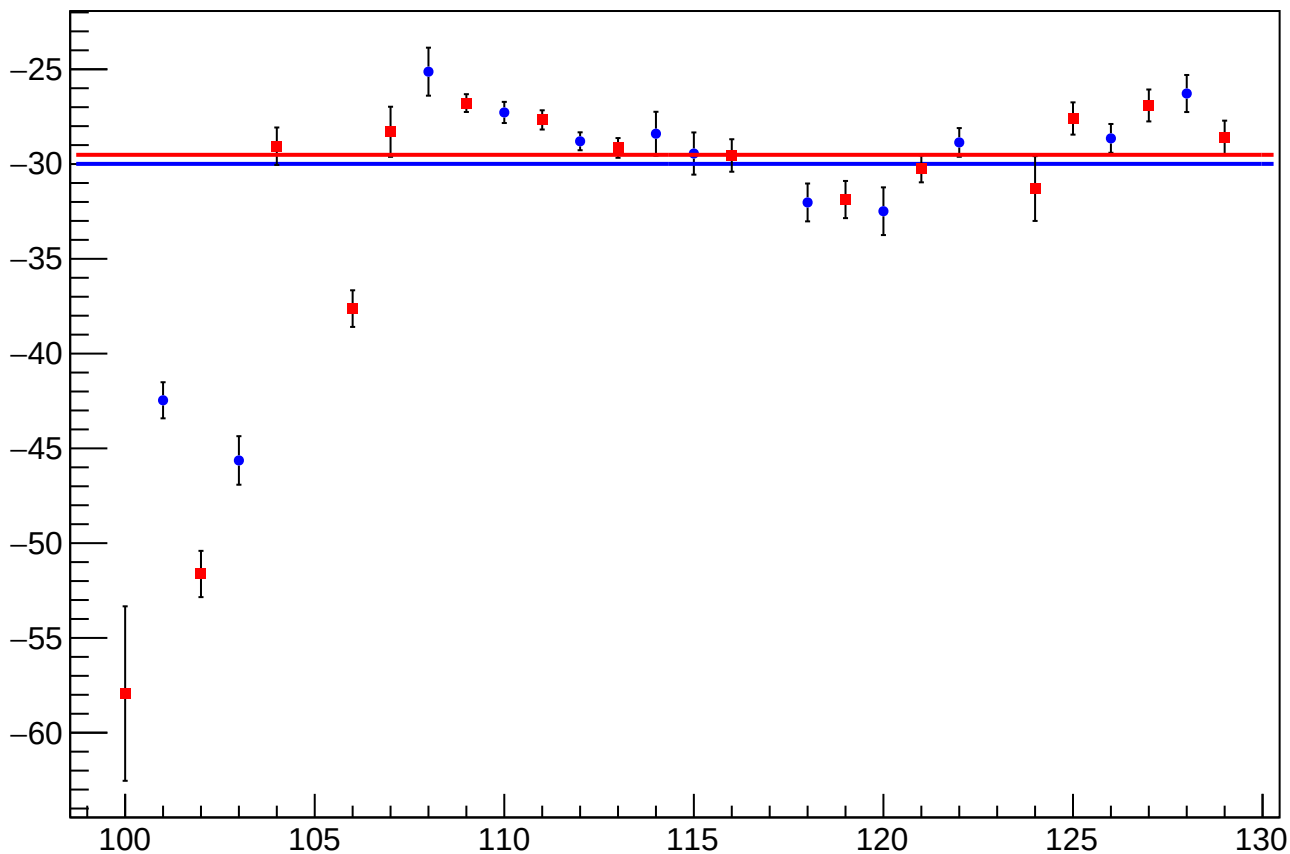
Right: -0.378+/-0.018 χ^2/NDF : 145.0/26

In: -0.373+/-0.027 χ^2/NDF :34.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.378+/-0.018 χ^2/NDF : 145.0/26

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -29.991 ± 0.237 χ^2/NDF : 395.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -29.513 ± 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

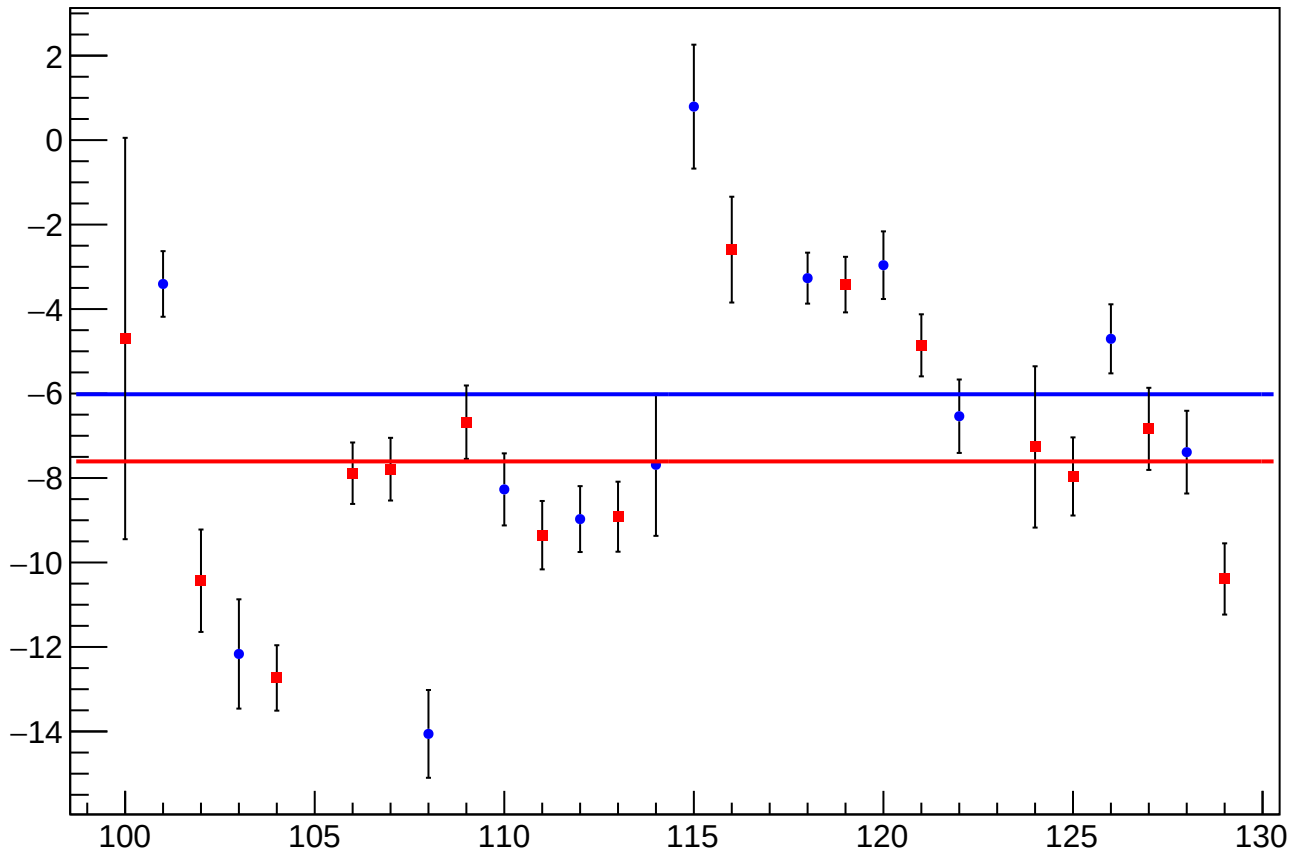
Right: -29.715 ± 0.154 χ^2/NDF : 907.1/26

In: -29.991 ± 0.237 χ^2/NDF : 395.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -29.715 ± 0.154 χ^2/NDF : 907.1/26

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.017 ± 0.257 χ^2/NDF : 177.8/11

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

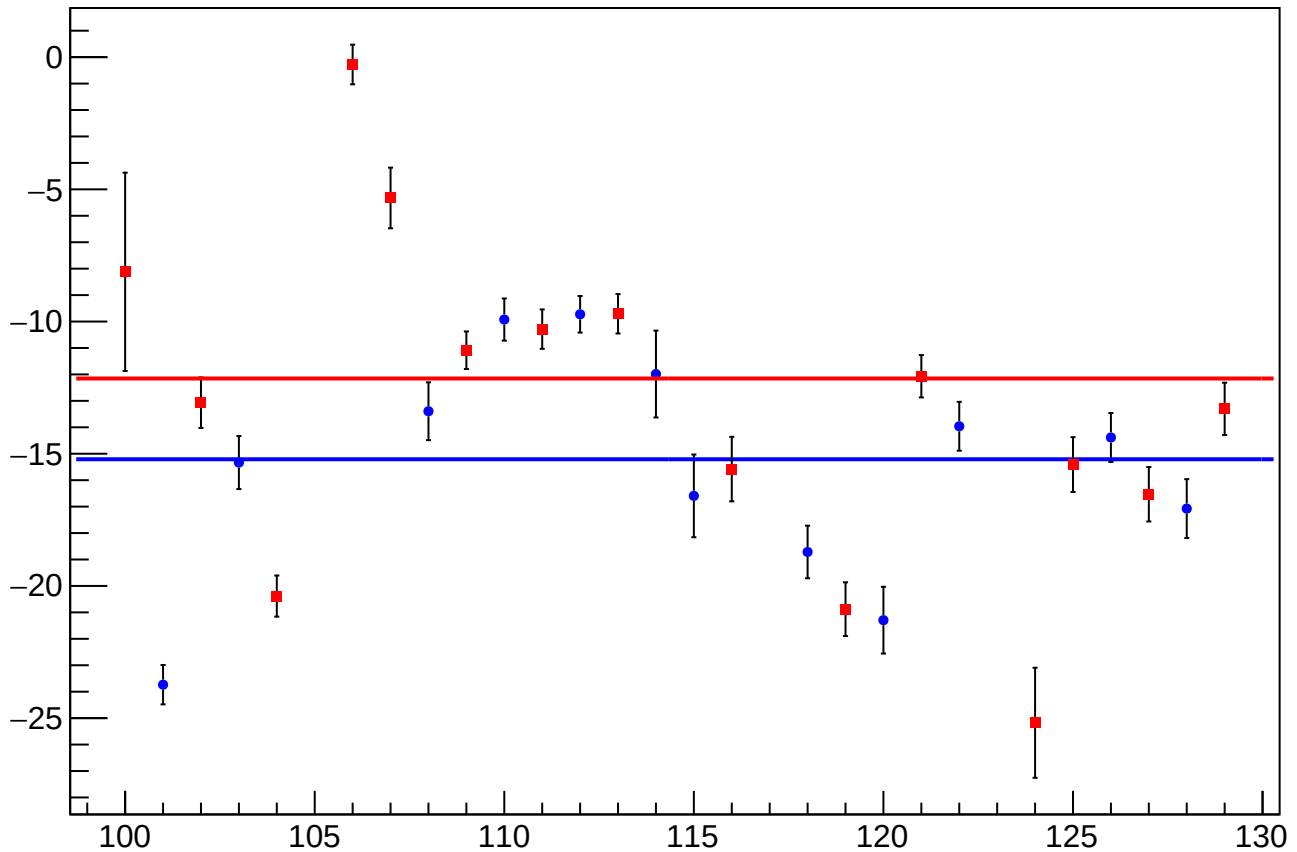
Right: -6.903 ± 0.171 χ^2/NDF : 339.5/26

In: -6.017 ± 0.257 χ^2/NDF : 177.8/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.903 ± 0.171 χ^2/NDF : 339.5/26

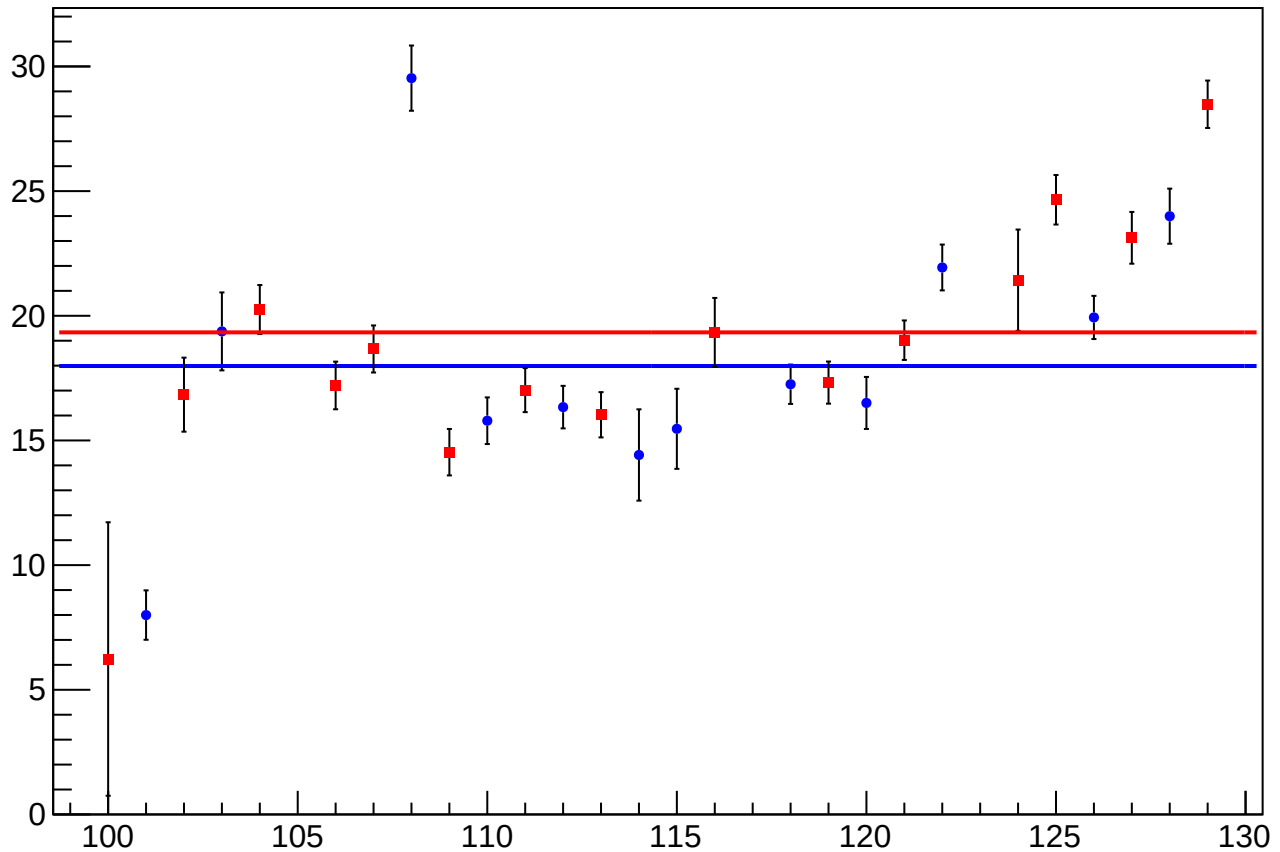
reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -15.209 ± 0.279 χ^2/NDF : 286.2/11
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -12.155 ± 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: -13.459 ± 0.182 χ^2/NDF : 924.3/26
 In: -15.209 ± 0.279 χ^2/NDF : 286.2/11
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -13.459 ± 0.182 χ^2/NDF : 924.3/26

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 17.986+/-0.301 χ^2/NDF : 251.7/11

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

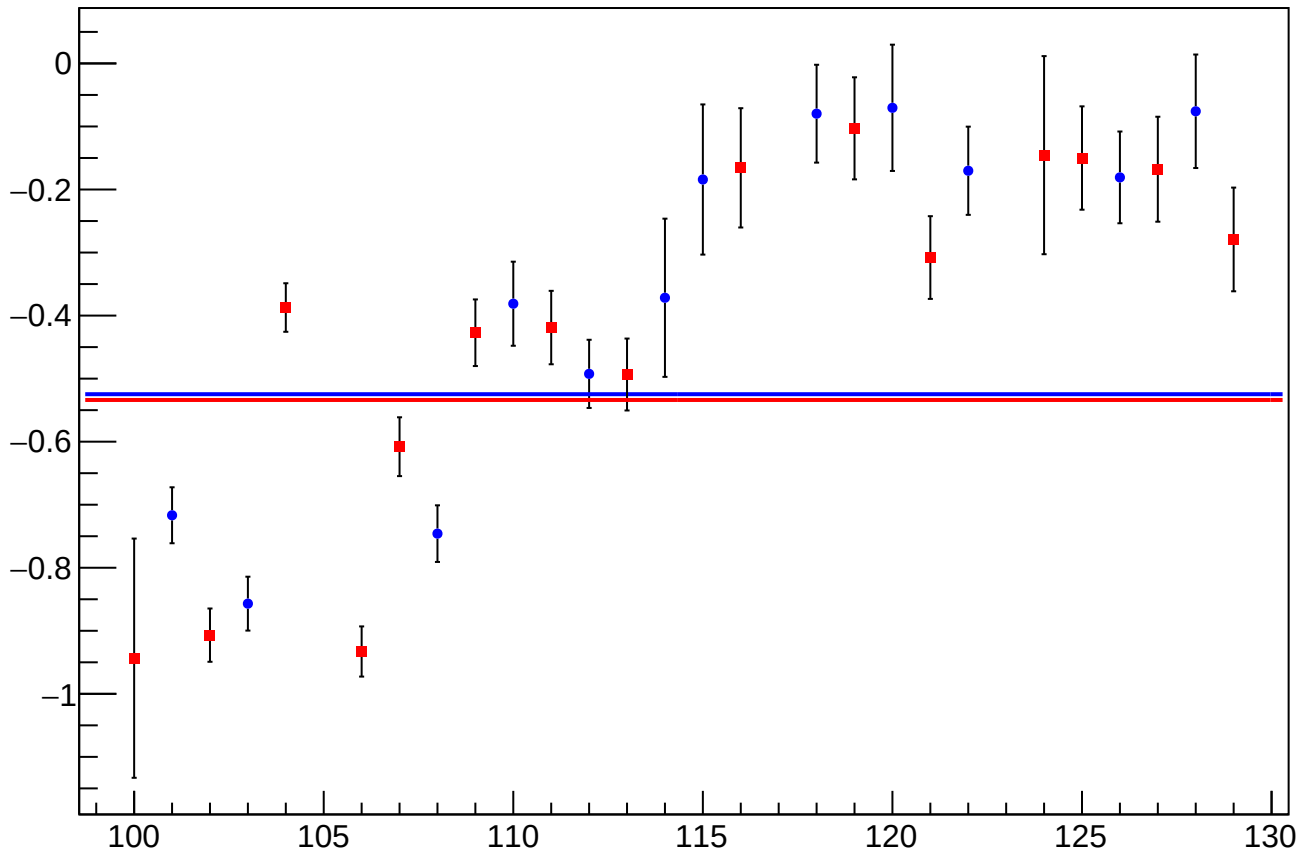
Right: 18.744+/-0.199 χ^2/NDF : 466.2/26

In: 17.986+/-0.301 χ^2/NDF : 251.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.744+/-0.199 χ^2/NDF : 466.2/26

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.525+/-0.018 χ^2/NDF : 244.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.534+/-0.015 χ^2/NDF : 320.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

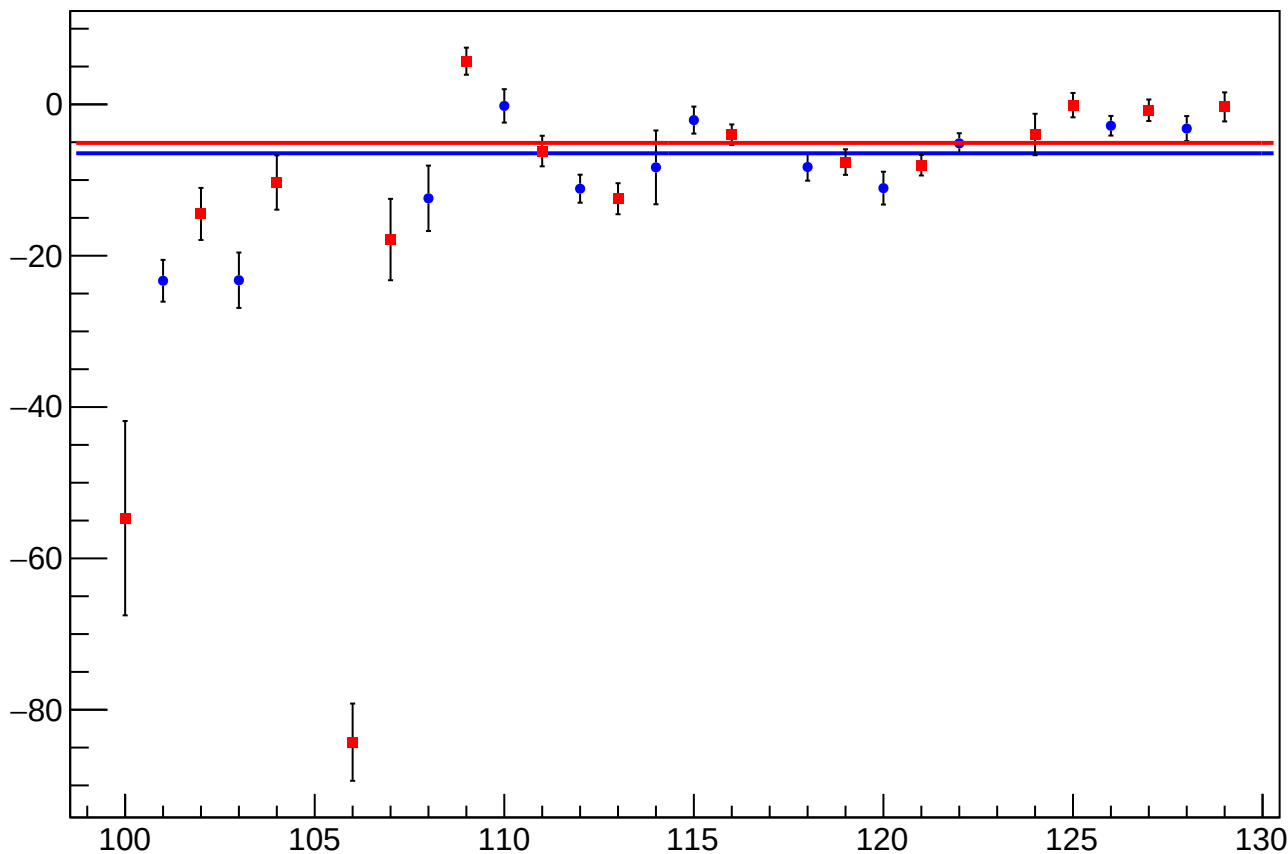
Right: -0.530+/-0.012 χ^2/NDF : 565.3/26

In: -0.525+/-0.018 χ^2/NDF : 244.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.530+/-0.012 χ^2/NDF : 565.3/26

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.464 ± 0.563 χ^2/NDF : 99.0/11

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

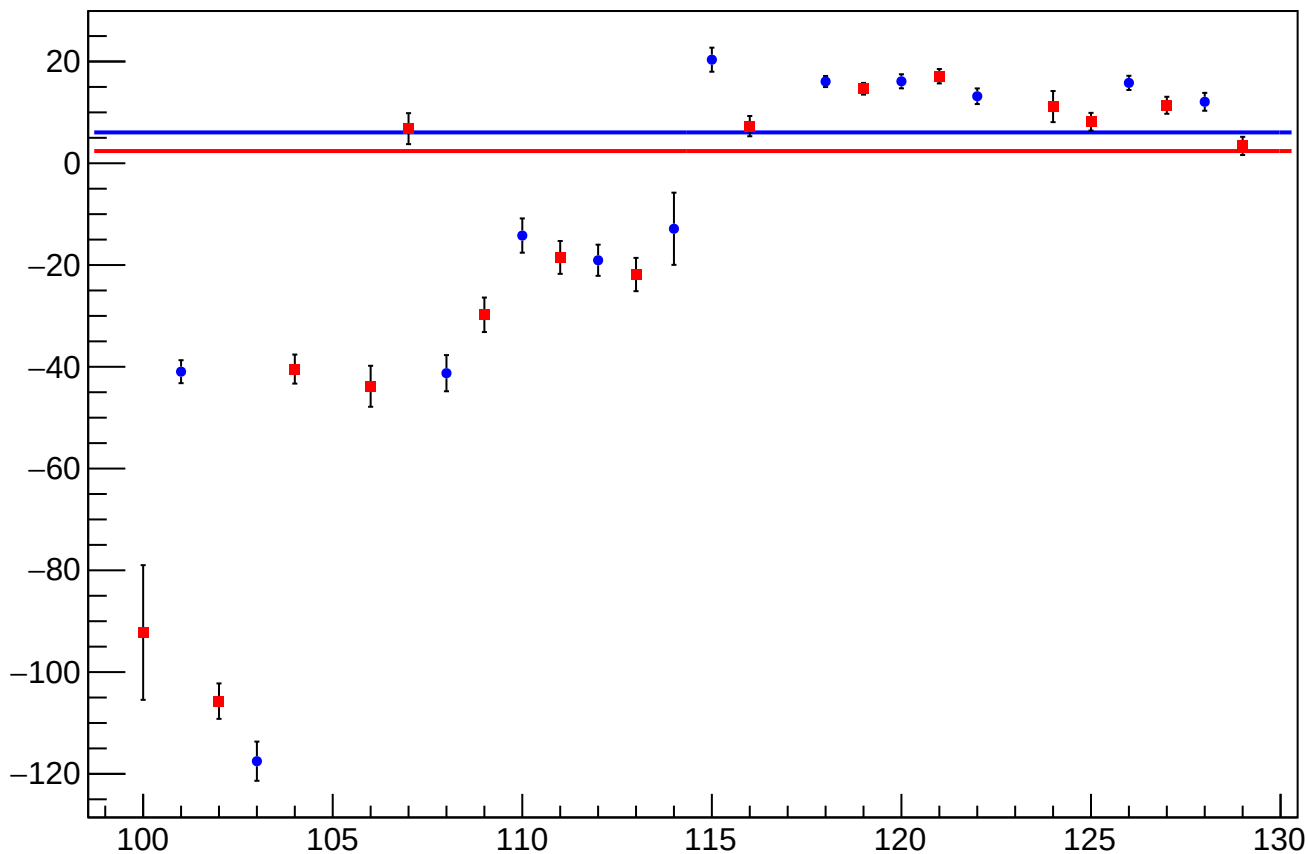
Right: -5.717 ± 0.380 χ^2/NDF : 455.5/26

In: -6.464 ± 0.563 χ^2/NDF : 99.0/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.717 ± 0.380 χ^2/NDF : 455.5/26

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.065+/-0.546 χ^2/NDF : 2006.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.403+/-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

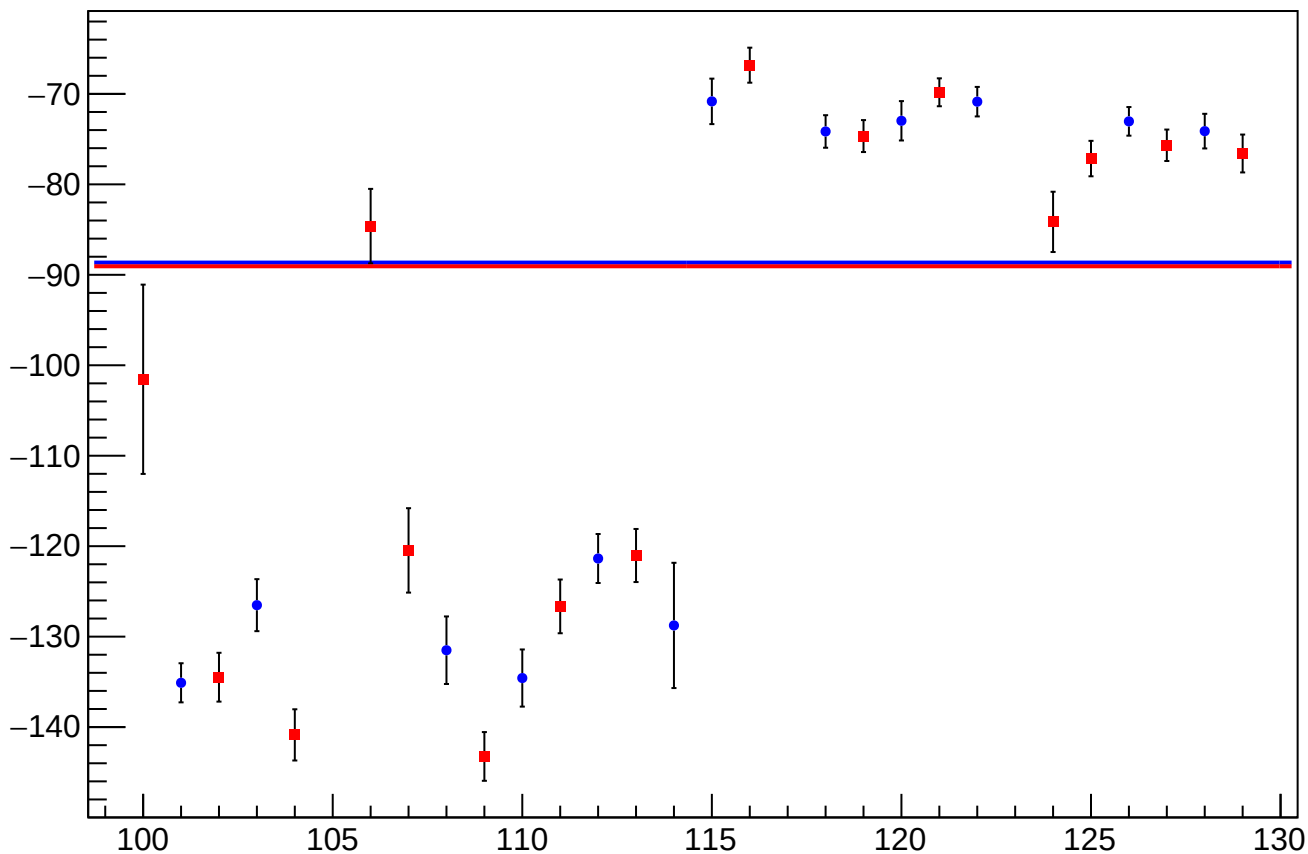
Right: 4.258+/-0.388 χ^2/NDF : 3866.2/26

In: 6.065+/-0.546 χ^2/NDF : 2006.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.258+/-0.388 χ^2/NDF : 3866.2/26

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -88.649 $\pm$ 0.647 χ^2 /NDF: 1598.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -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

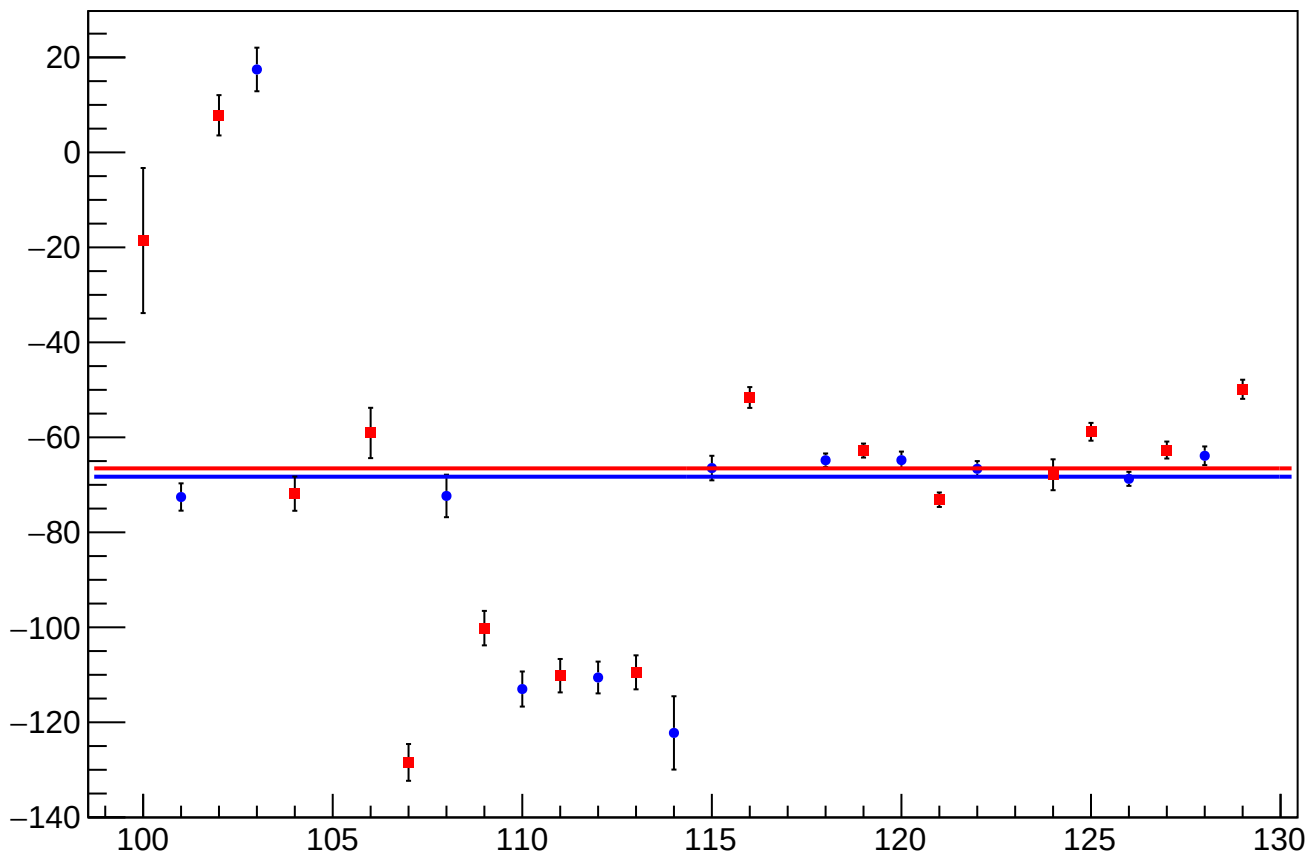
Right: -88.864 $\pm$ 0.445 χ^2 /NDF: 3436.1/26

In: -88.649 $\pm$ 0.647 χ^2 /NDF:1598.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -88.864 $\pm$ 0.445 χ^2 /NDF: 3436.1/26

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -68.286+/-0.640 χ^2/NDF : 723.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

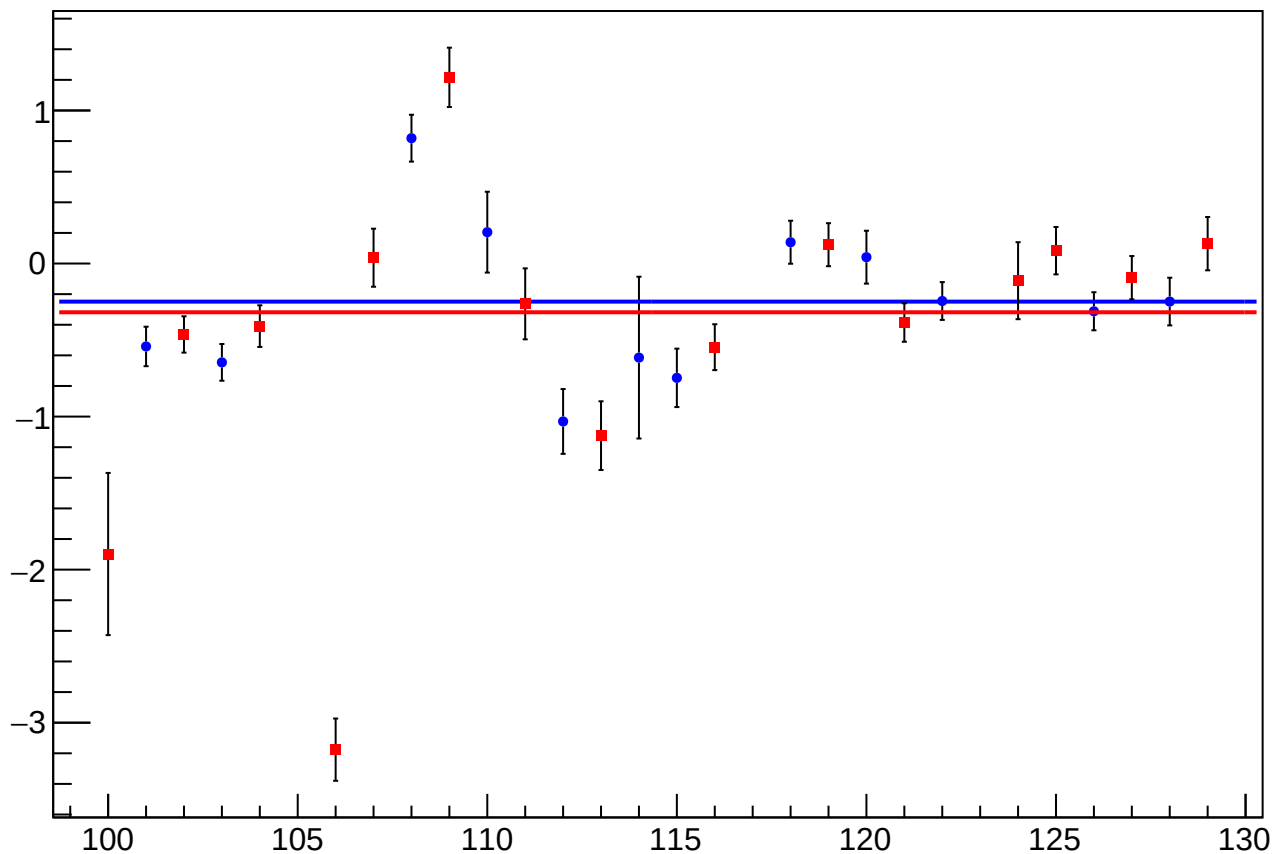
Right: -67.397+/-0.449 χ^2/NDF : 1849.4/26

In: -68.286+/-0.640 χ^2/NDF : 723.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -67.397+/-0.449 χ^2/NDF : 1849.4/26

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.249+/-0.045 χ^2/NDF : 99.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.318+/-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

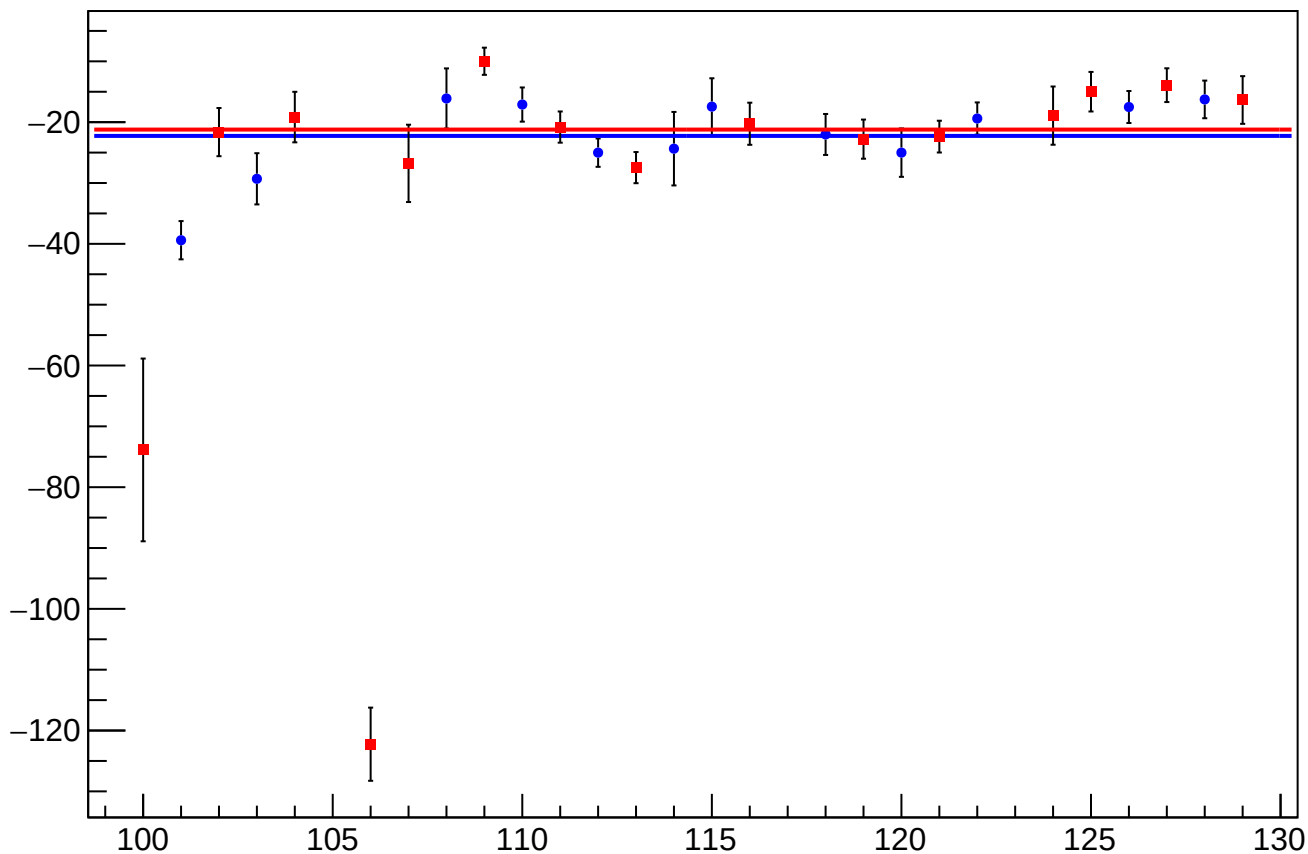
Right: -0.285+/-0.031 χ^2/NDF : 417.0/26

In: -0.249+/-0.045 χ^2/NDF : 99.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.285+/-0.031 χ^2/NDF : 417.0/26

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -22.258 ± 0.943 $\chi^2/\text{NDF}: 48.7/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -21.216 ± 0.863 $\chi^2/\text{NDF}: 339.6/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

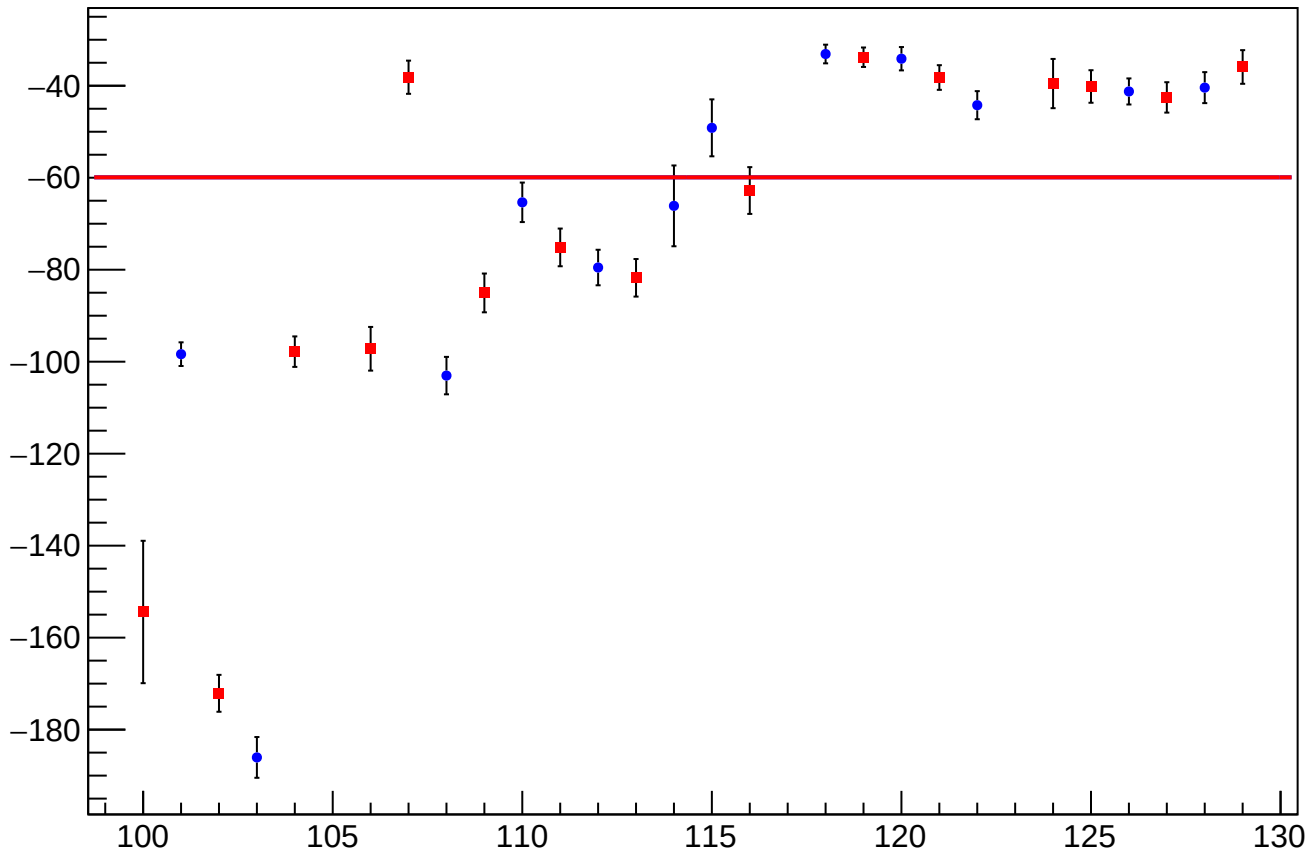
Right: -21.691 ± 0.636 $\chi^2/\text{NDF}: 389.0/26$

In: -22.258 ± 0.943 $\chi^2/\text{NDF}: 48.7/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -21.691 ± 0.636 $\chi^2/\text{NDF}: 389.0/26$

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.916 $\pm$ 0.937 χ^2 /NDF: 1557.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -59.914 $\pm$ 0.938 χ^2 /NDF: 1460.7/14

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

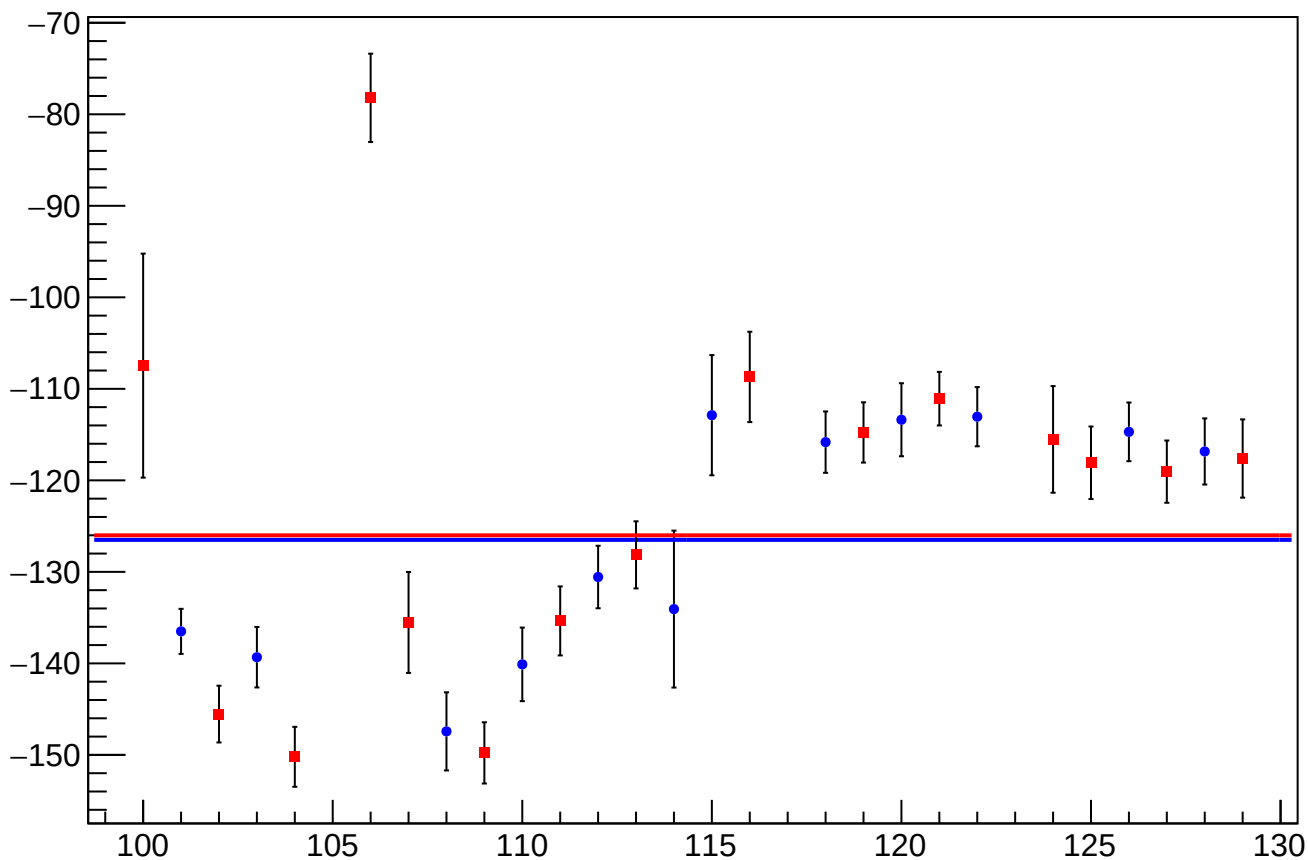
Right: -59.915 $\pm$ 0.663 χ^2 /NDF: 3017.7/26

In: -59.916 $\pm$ 0.937 χ^2 /NDF:1557.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -59.915 $\pm$ 0.663 χ^2 /NDF: 3017.7/26

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -126.504 $\pm$ 1.044 χ^2 /NDF: 132.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -126.008 $\pm$ 1.001 χ^2 /NDF: 319.8/14

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

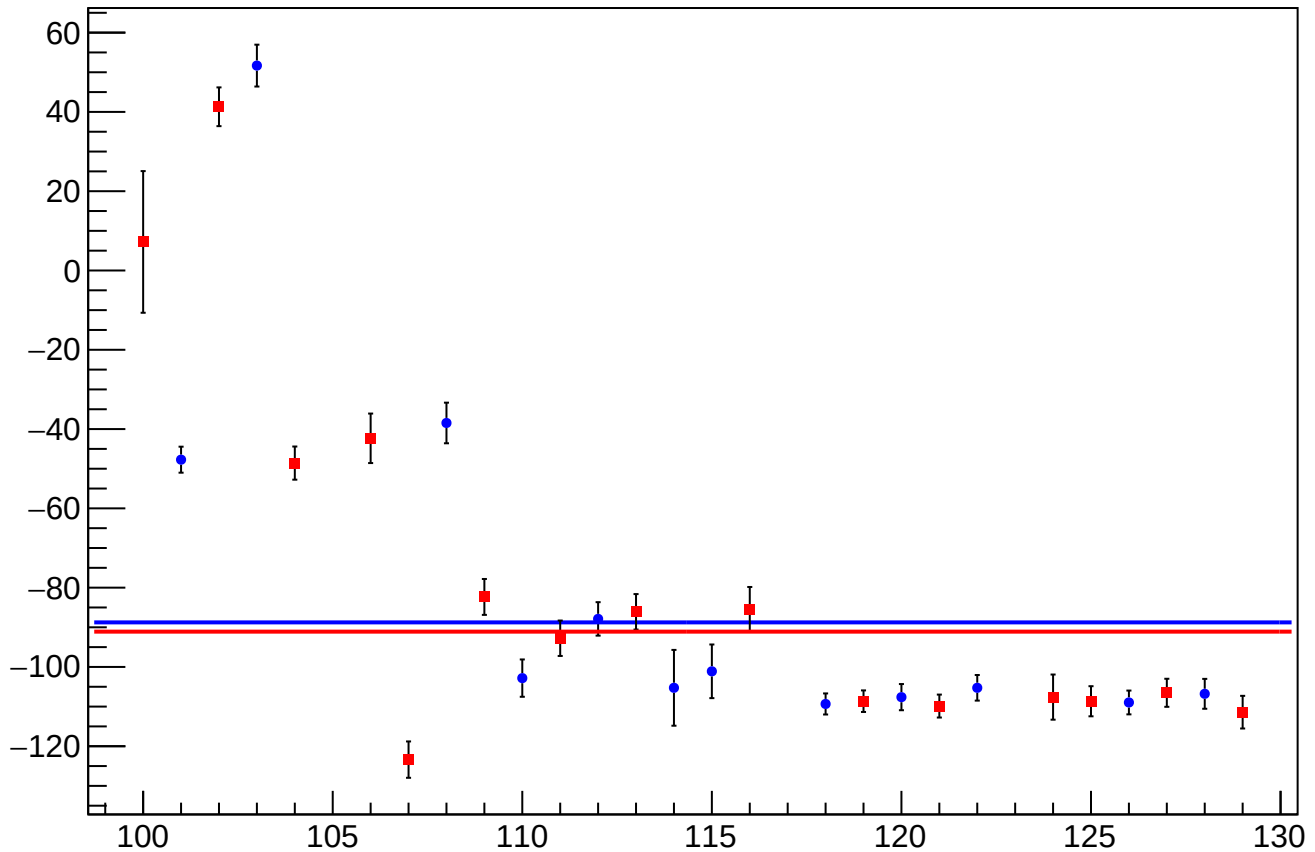
Right: -126.246 $\pm$ 0.723 χ^2 /NDF: 452.4/26

In: -126.504 $\pm$ 1.044 χ^2 /NDF:132.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -126.246 $\pm$ 0.723 χ^2 /NDF: 452.4/26

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -88.762 $\pm$ 1.110 χ^2 /NDF: 1162.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -91.095 $\pm$ 1.085 χ^2 /NDF: 1141.0/14

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

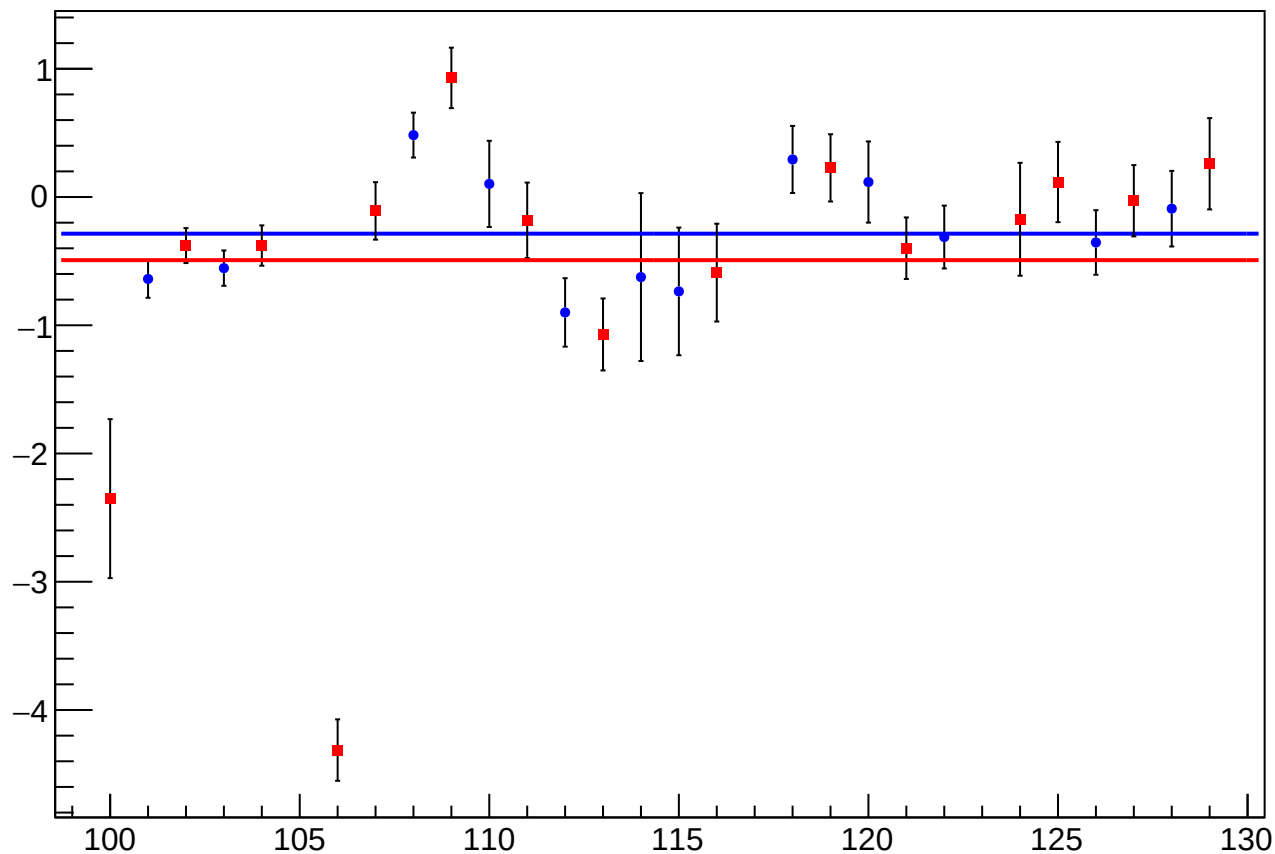
Right: -89.955 $\pm$ 0.776 χ^2 /NDF: 2306.0/26

In: -88.762 $\pm$ 1.110 χ^2 /NDF:1162.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -89.955 $\pm$ 0.776 χ^2 /NDF: 2306.0/26

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.286 ± 0.066 χ^2/NDF : 43.6/11

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

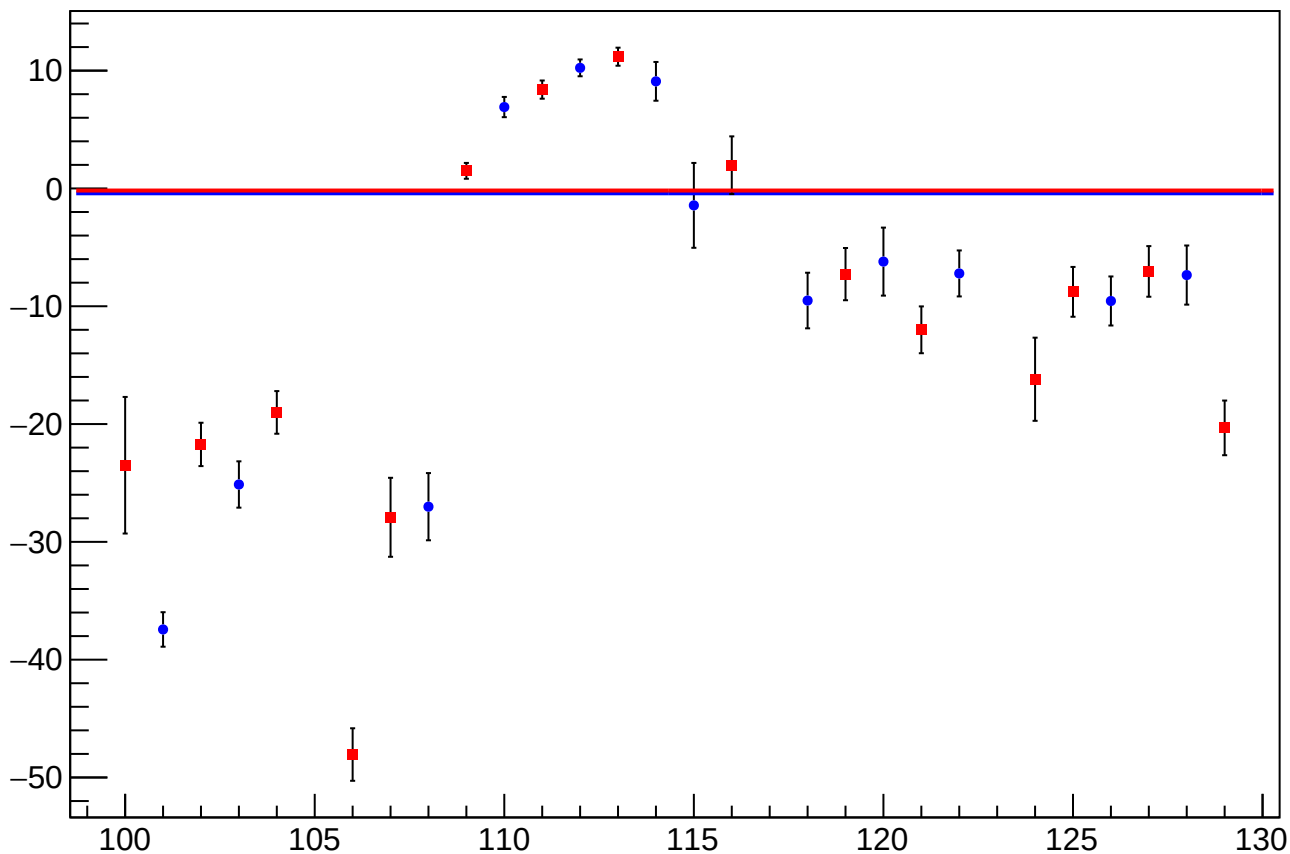
Right: -0.394 ± 0.046 χ^2/NDF : 377.2/26

In: -0.286 ± 0.066 χ^2/NDF : 43.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.394 ± 0.046 χ^2/NDF : 377.2/26

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.412 ± 0.424 χ^2/NDF : 1270.3/11

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

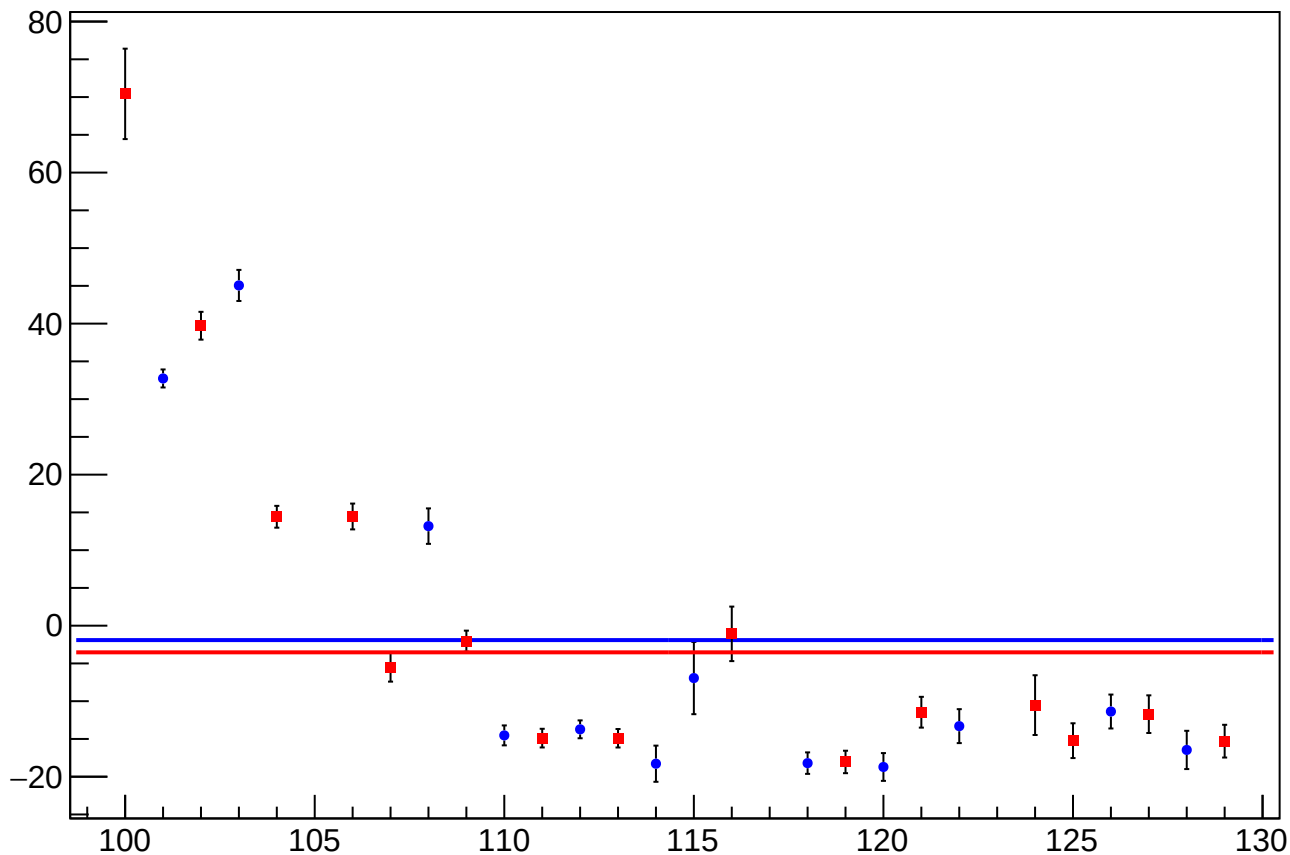
Right: -0.275 ± 0.273 χ^2/NDF : 2580.3/26

In: -0.412 ± 0.424 χ^2/NDF : 1270.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.275 ± 0.273 χ^2/NDF : 2580.3/26

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.910 ± 0.502 χ^2/NDF : 1935.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

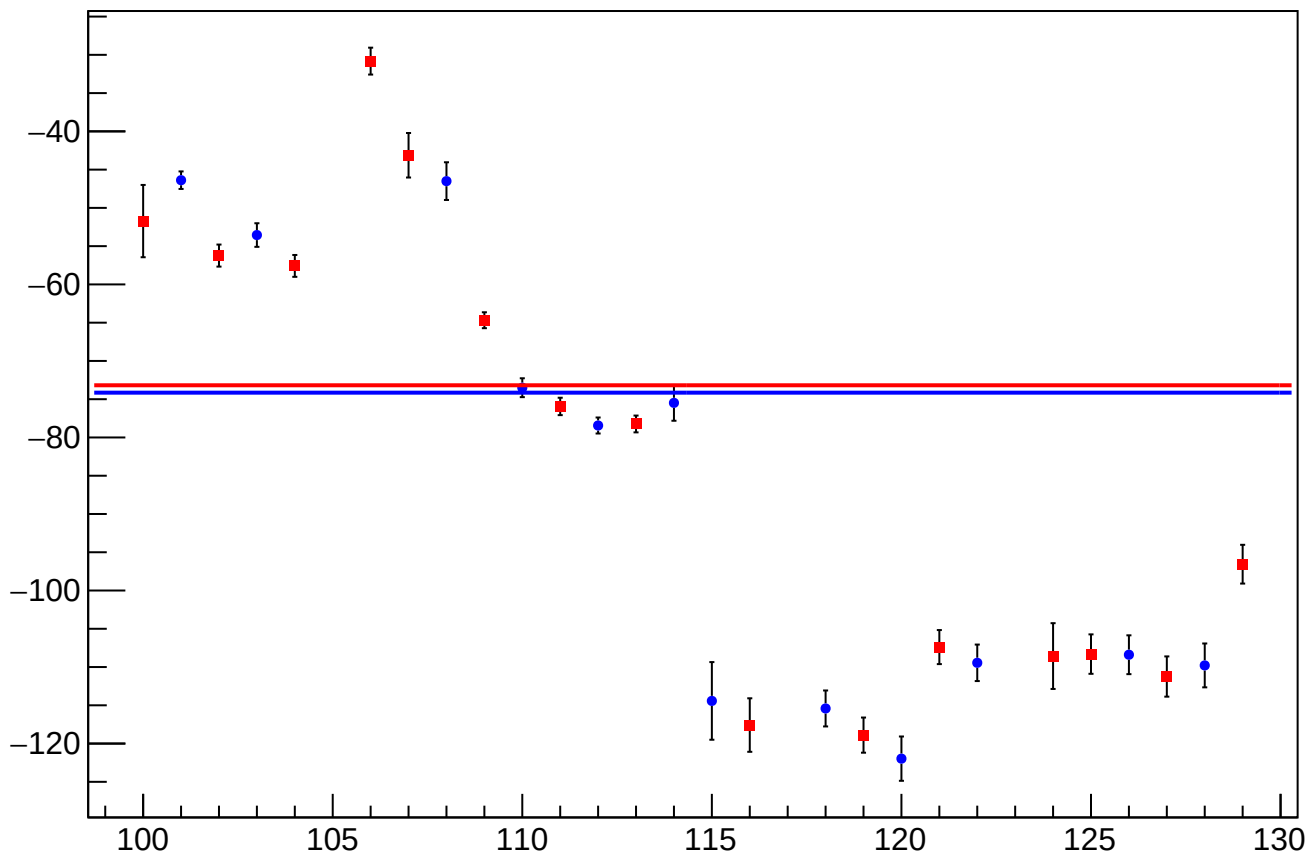
Right: -2.785 ± 0.341 χ^2/NDF : 3263.5/26

In: -1.910 ± 0.502 χ^2/NDF : 1935.2/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.785 ± 0.341 χ^2/NDF : 3263.5/26

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -74.146 $\pm$ 0.507 χ^2 /NDF: 2109.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -73.180 $\pm$ 0.449 χ^2 /NDF: 2402.2/14

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

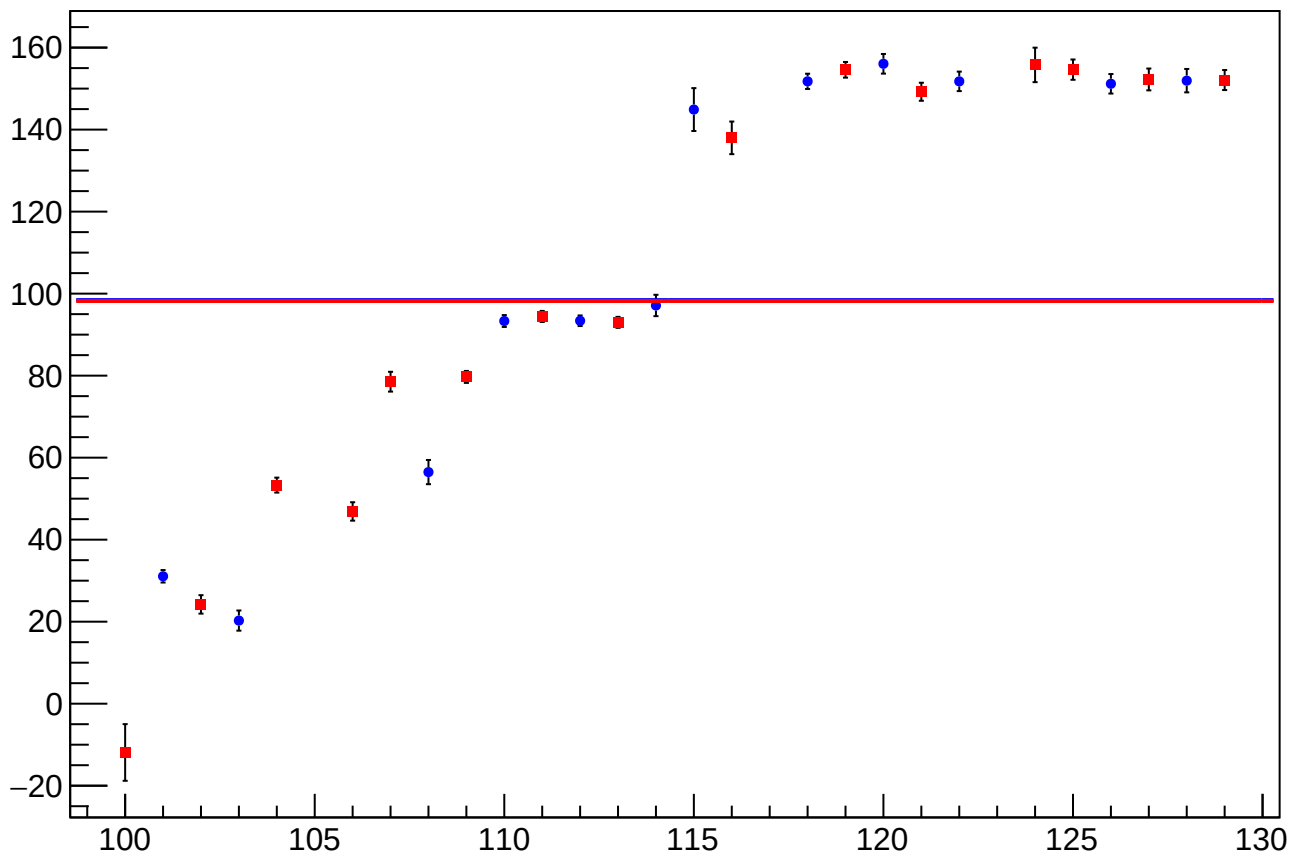
Right: -73.605 $\pm$ 0.336 χ^2 /NDF: 4513.8/26

In: -74.146 $\pm$ 0.507 χ^2 /NDF:2109.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -73.605 $\pm$ 0.336 χ^2 /NDF: 4513.8/26

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 98.419+/-0.586 χ^2/NDF : 6028.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

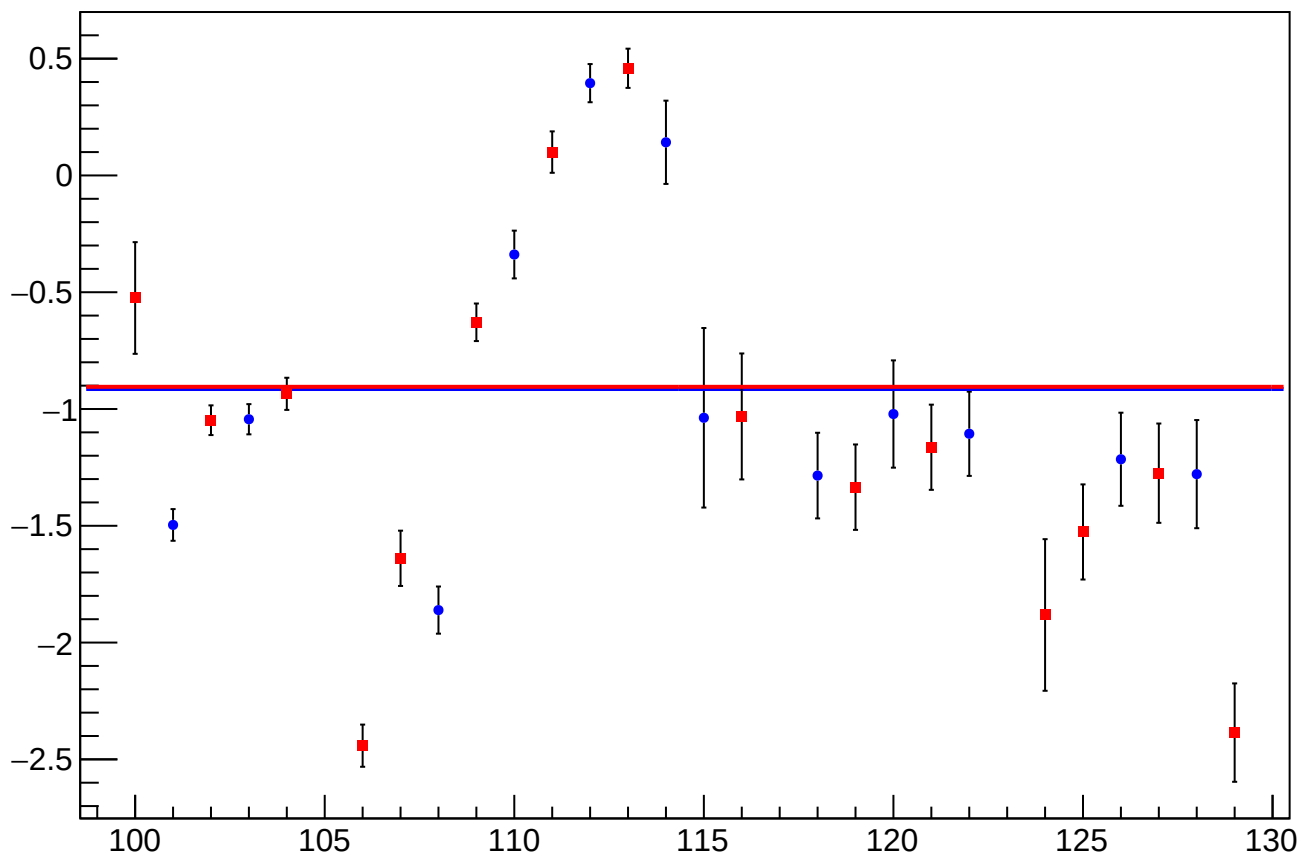
Right: 98.304+/-0.394 χ^2/NDF : 11859.0/26

In: 98.419+/-0.586 χ^2/NDF : 6028.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.304+/-0.394 χ^2/NDF : 11859.0/26

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.914+/-0.032 χ^2/NDF : 499.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.905+/-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

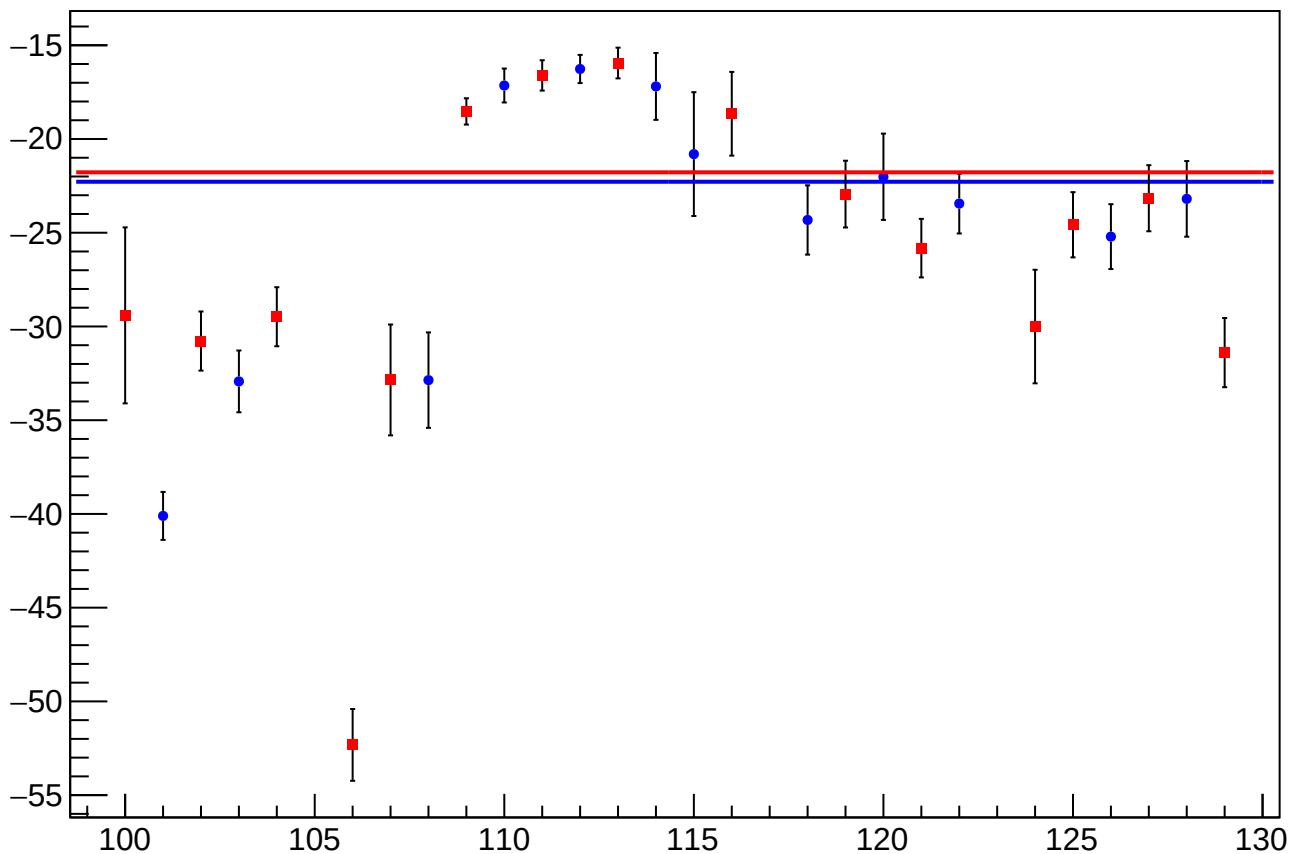
Right: -0.909+/-0.021 χ^2/NDF : 1317.9/26

In: -0.914+/-0.032 χ^2/NDF : 499.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.909+/-0.021 χ^2/NDF : 1317.9/26

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -22.281+/-0.409 χ^2/NDF : 362.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.777+/-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

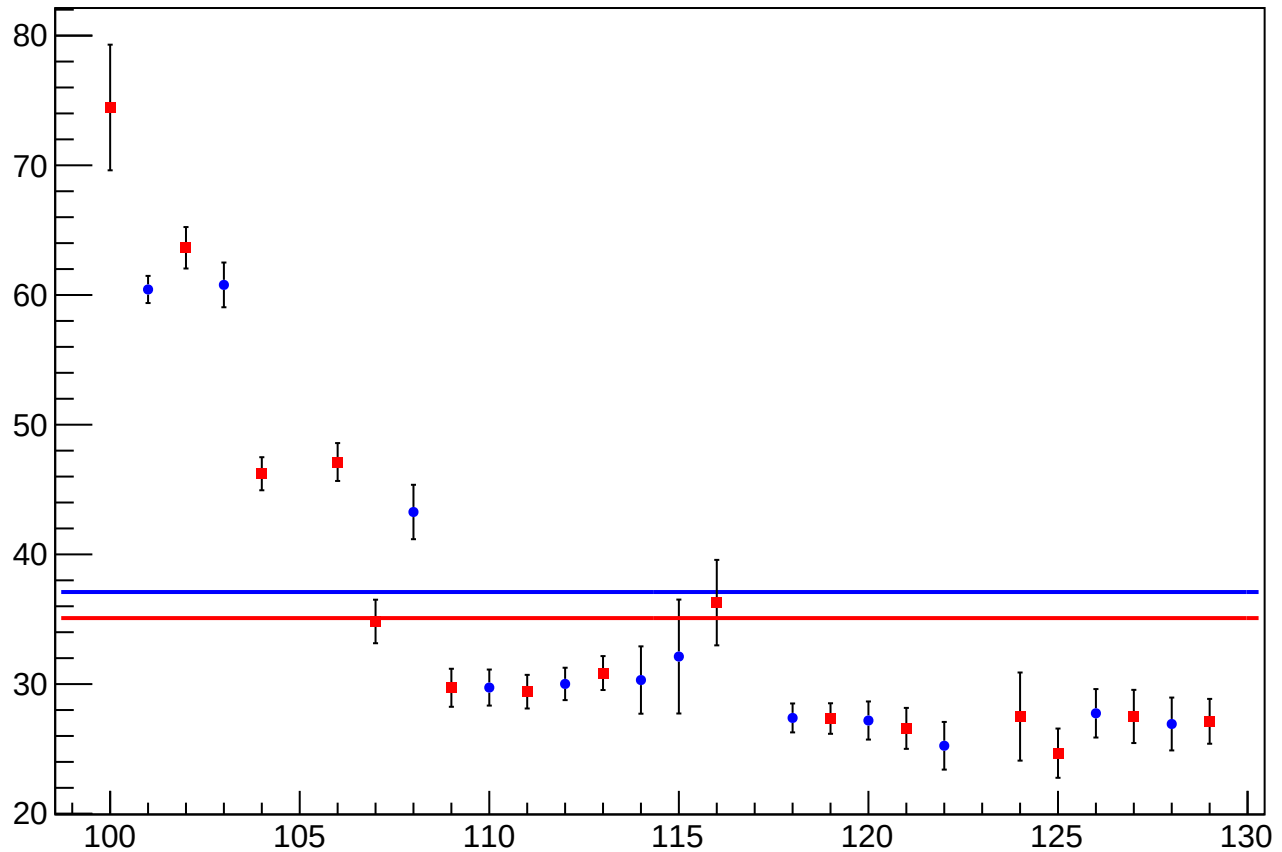
Right: -21.988+/-0.265 χ^2/NDF : 850.7/26

In: -22.281+/-0.409 χ^2/NDF : 362.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.988+/-0.265 χ^2/NDF : 850.7/26

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 37.098 $\pm$ 0.451 χ^2 /NDF: 975.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 35.089 $\pm$ 0.420 χ^2 /NDF: 714.8/14

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

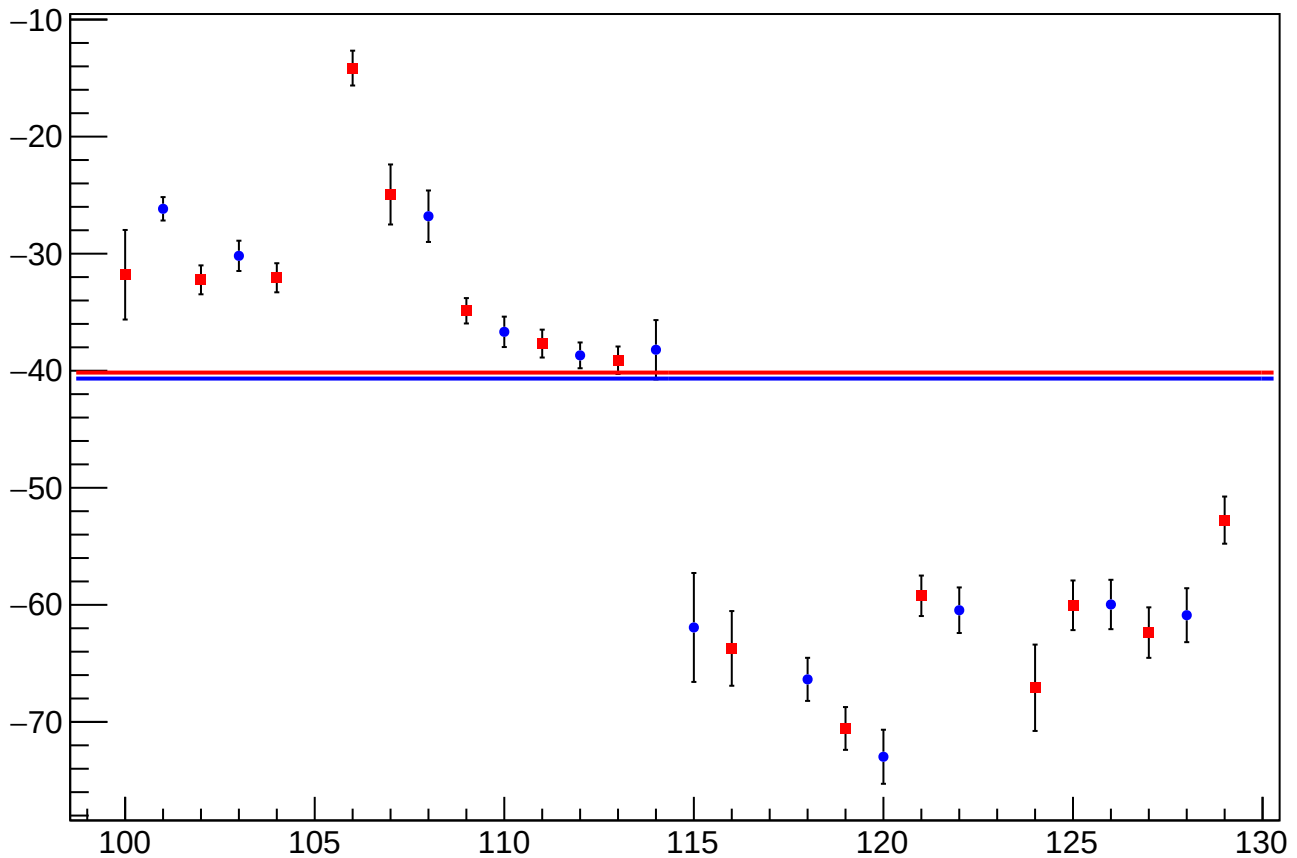
Right: 36.023 $\pm$ 0.307 χ^2 /NDF: 1700.5/26

In: 37.098 $\pm$ 0.451 χ^2 /NDF:975.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 36.023 $\pm$ 0.307 χ^2 /NDF: 1700.5/26

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -40.670+/-0.467 χ^2/NDF : 1004.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -40.157+/-0.417 χ^2/NDF : 1197.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

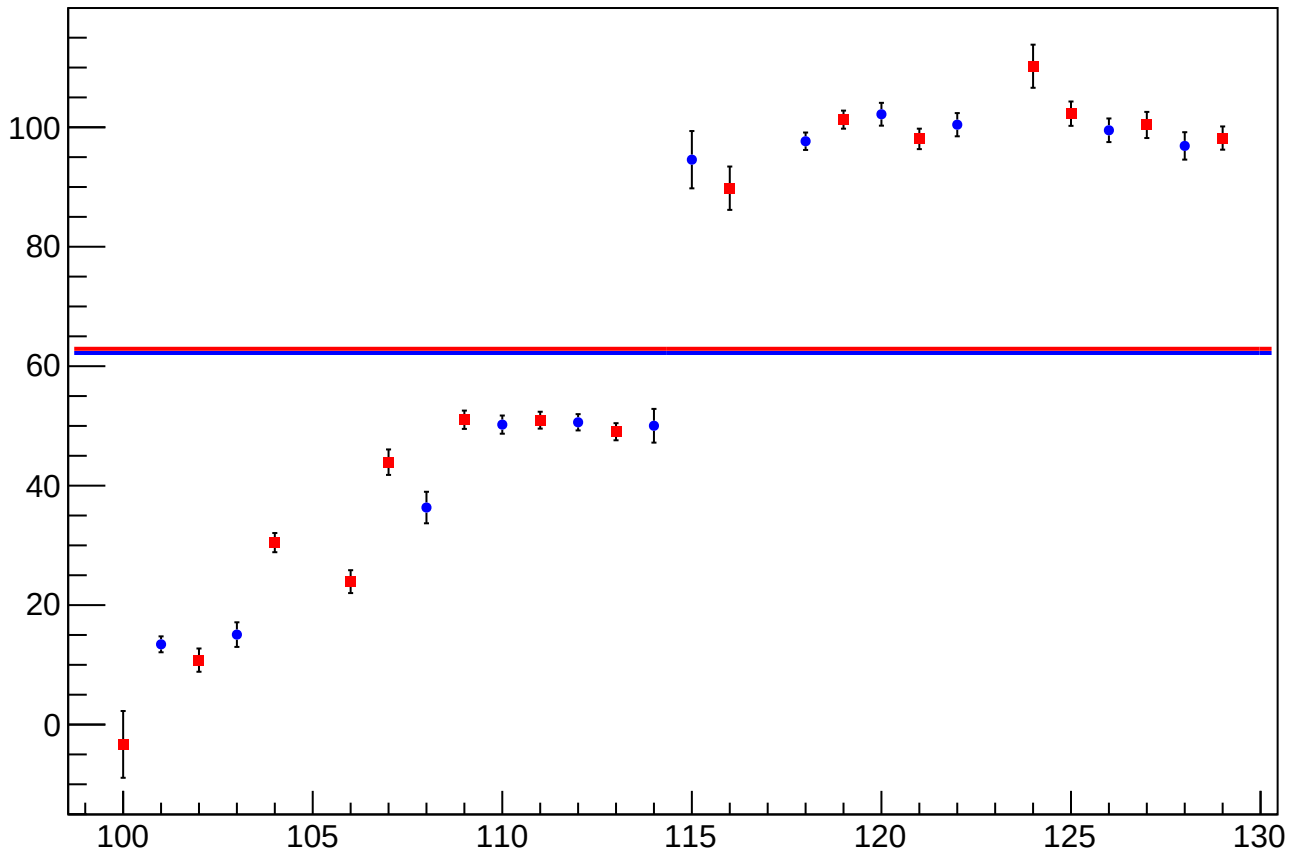
Right: -40.385+/-0.311 χ^2/NDF : 2202.6/26

In: -40.670+/-0.467 χ^2/NDF : 1004.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.385+/-0.311 χ^2/NDF : 2202.6/26

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.211+/-0.532 χ^2/NDF : 4158.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

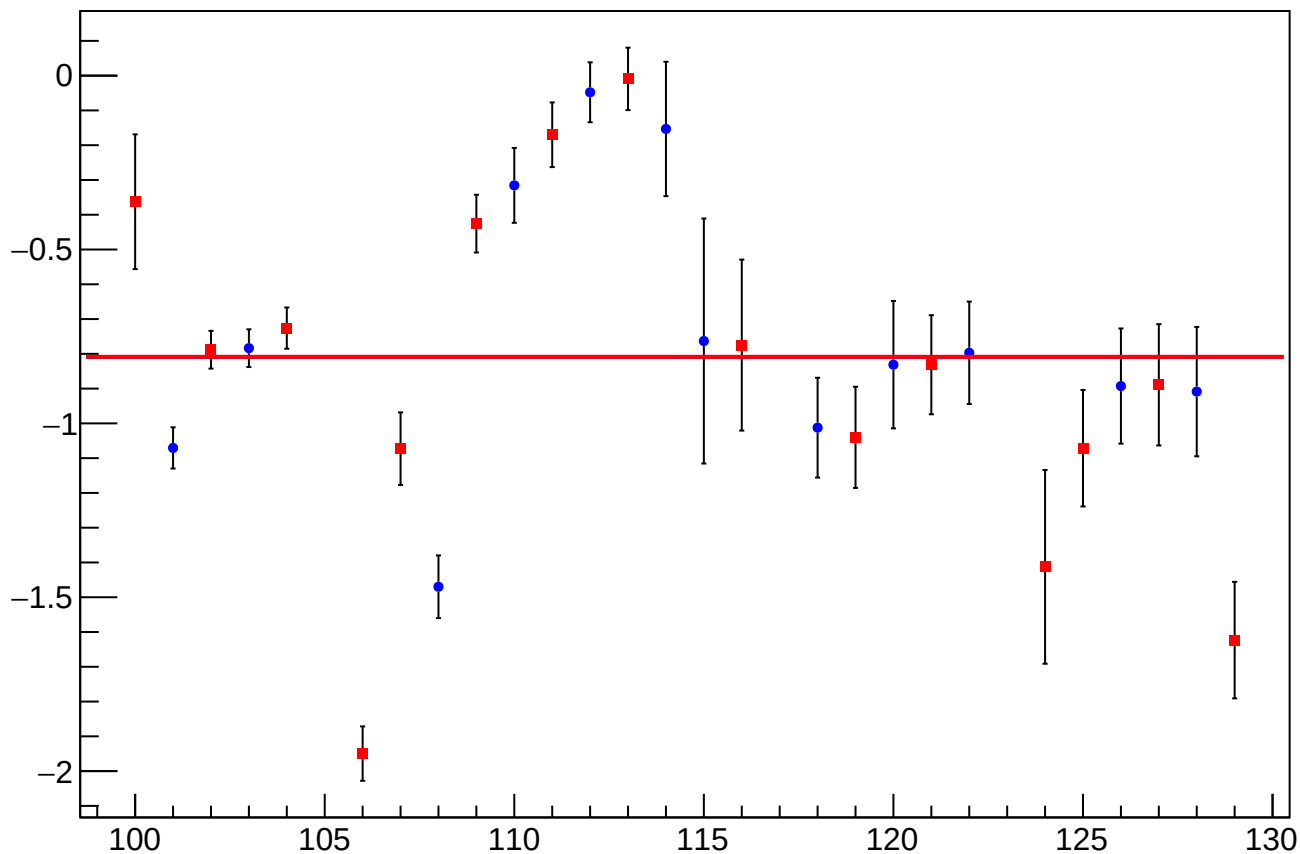
Right: 62.595+/-0.359 χ^2/NDF : 8430.5/26

In: 62.211+/-0.532 χ^2/NDF : 4158.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.595+/-0.359 χ^2/NDF : 8430.5/26

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.809 ± 0.029 χ^2/NDF : 186.7/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.809 ± 0.026 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

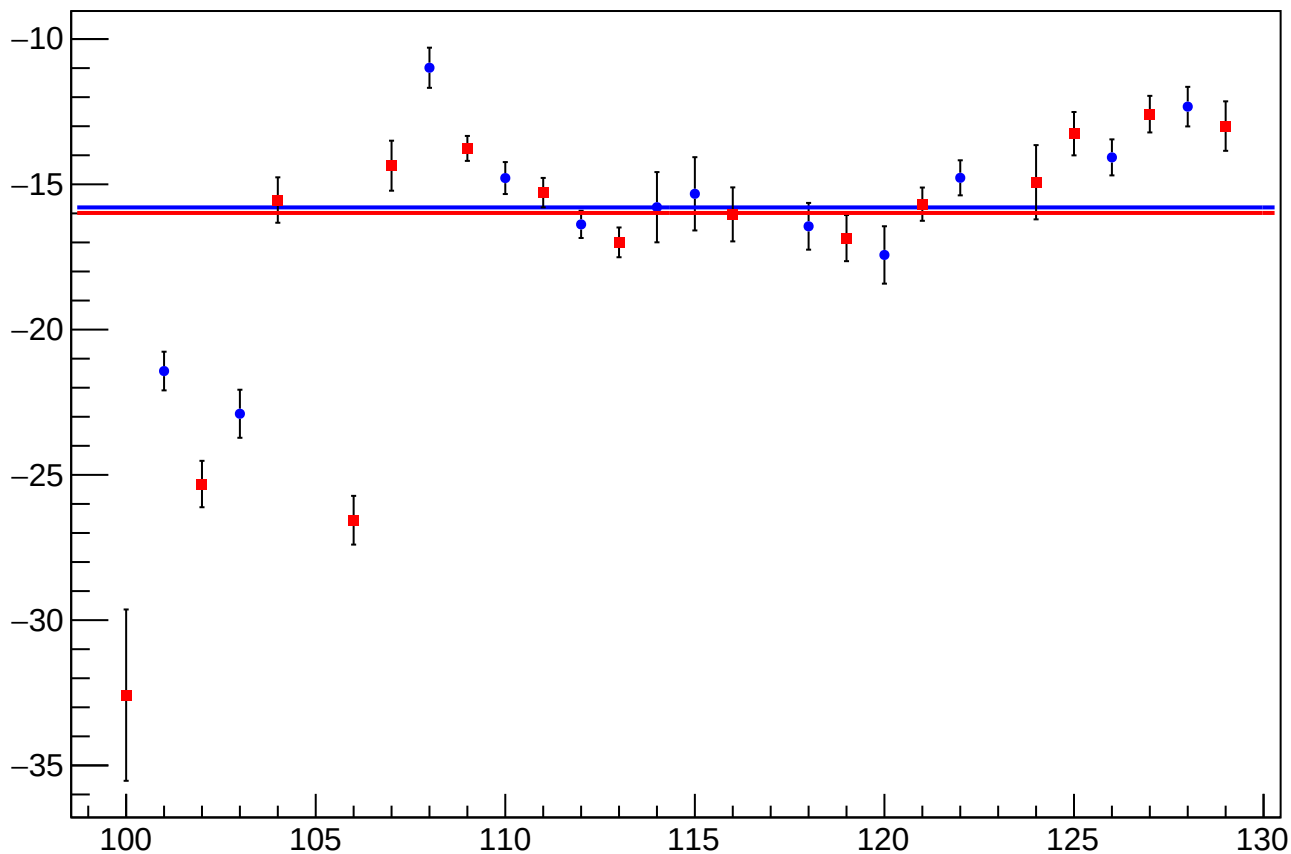
Right: -0.809 ± 0.019 χ^2/NDF : 594.6/26

In: -0.809 ± 0.029 χ^2/NDF : 186.7/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.809 ± 0.019 χ^2/NDF : 594.6/26

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -15.794 $\pm$ 0.200 χ^2 /NDF: 238.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -15.985 $\pm$ 0.179 χ^2 /NDF: 420.7/14

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

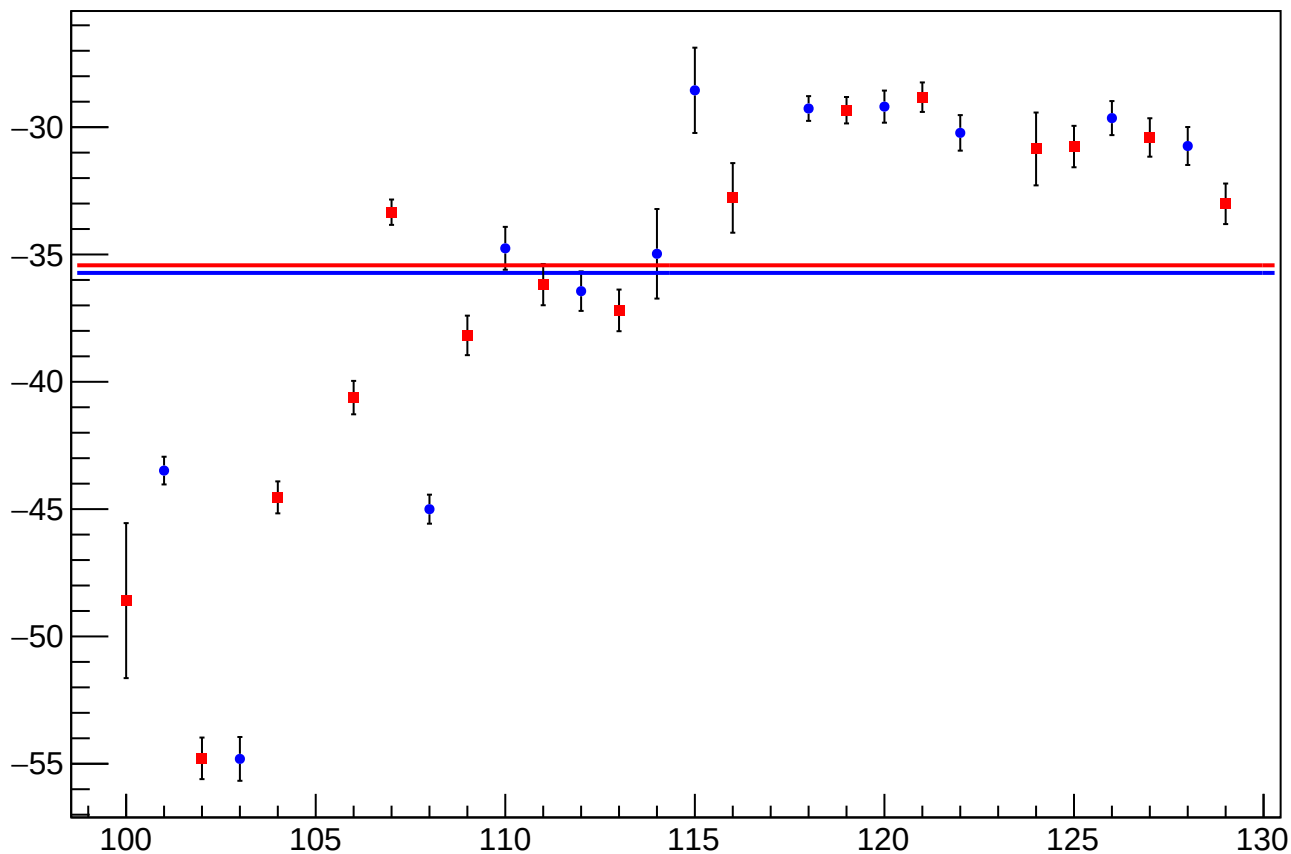
Right: -15.900 $\pm$ 0.133 χ^2 /NDF: 660.0/26

In: -15.794 $\pm$ 0.200 χ^2 /NDF:238.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -15.900 $\pm$ 0.133 χ^2 /NDF: 660.0/26

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -35.723+/-0.202 χ^2/NDF : 1455.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -35.425+/-0.190 χ^2/NDF : 1258.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

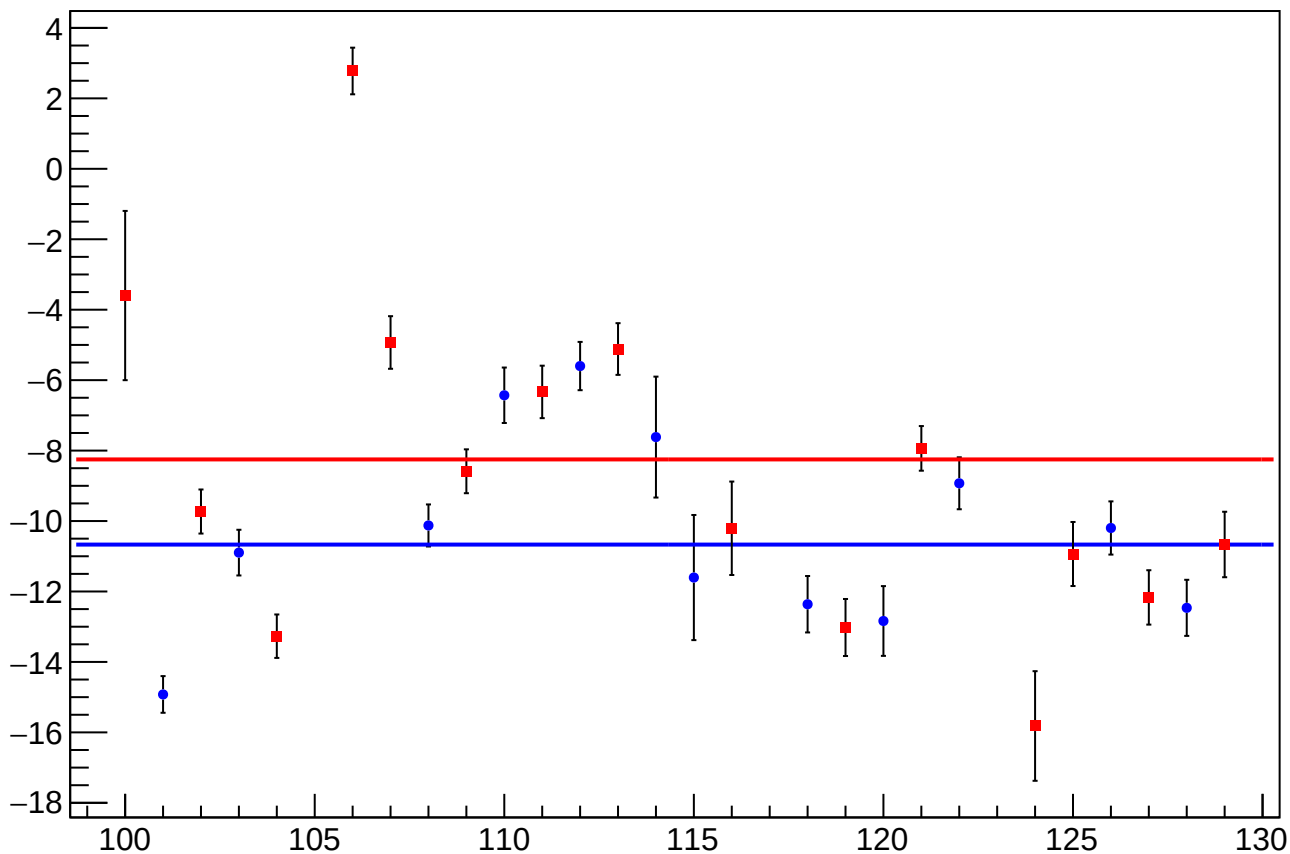
Right: -35.565+/-0.138 χ^2/NDF : 2714.3/26

In: -35.723+/-0.202 χ^2/NDF : 1455.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.565+/-0.138 χ^2/NDF : 2714.3/26

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -10.669 $\pm$ 0.218 χ^2 /NDF: 175.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -8.251 $\pm$ 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

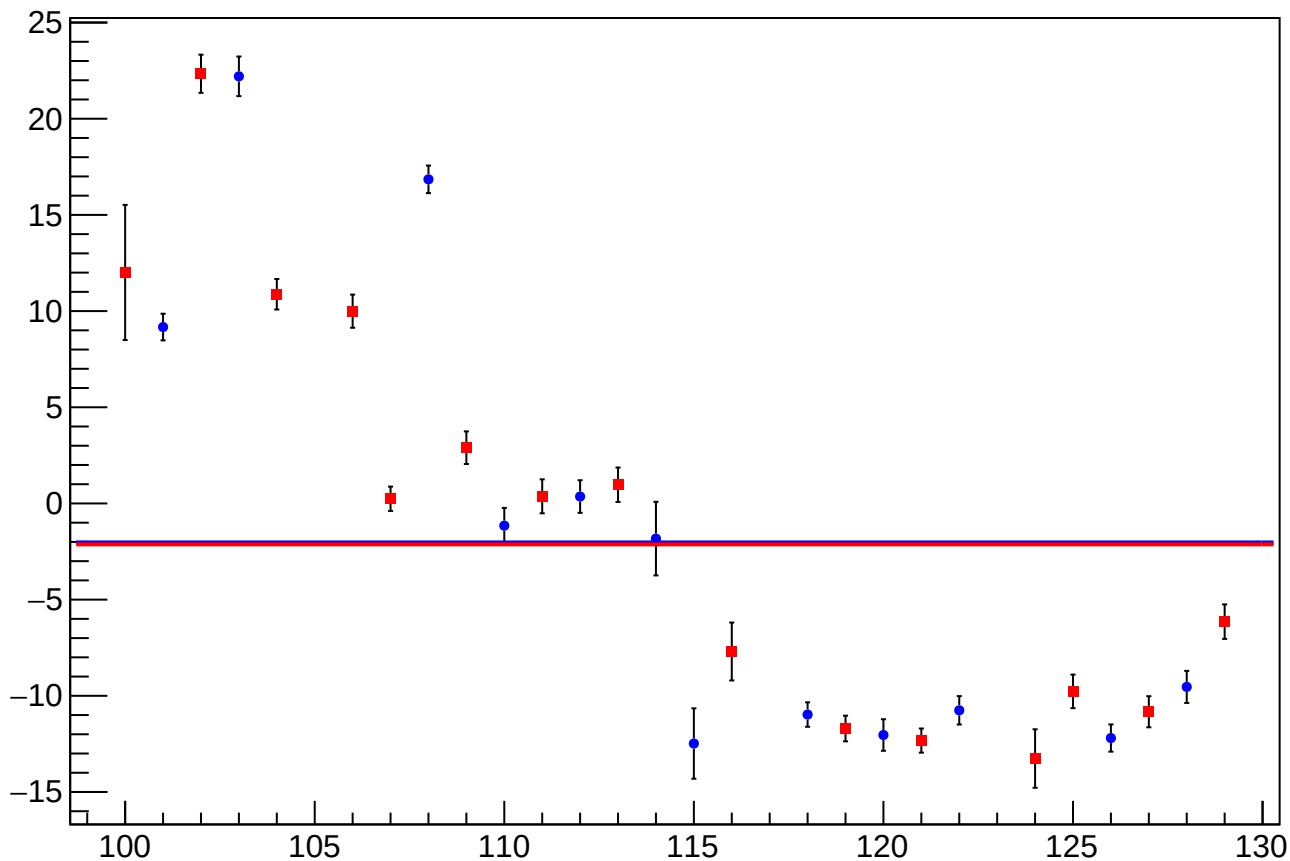
Right: -9.362 $\pm$ 0.148 χ^2 /NDF: 741.6/26

In: -10.669 $\pm$ 0.218 χ^2 /NDF:175.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -9.362 $\pm$ 0.148 χ^2 /NDF: 741.6/26

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.029+/-0.240 χ^2/NDF : 2324.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.128+/-0.222 χ^2/NDF : 1910.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

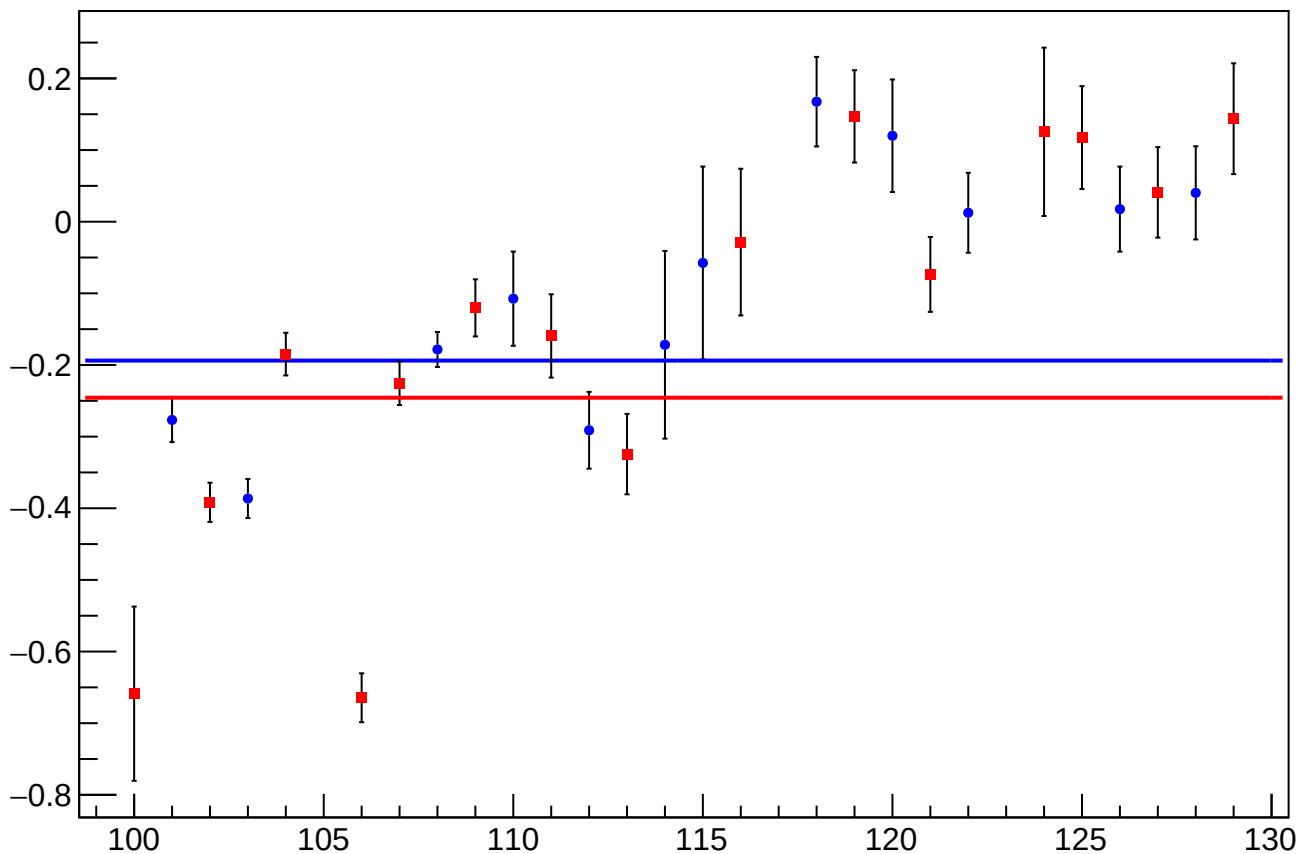
Right: -2.082+/-0.163 χ^2/NDF : 4235.1/26

In: -2.029+/-0.240 χ^2/NDF : 2324.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.082+/-0.163 χ^2/NDF : 4235.1/26

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.194 ± 0.013 χ^2/NDF : 152.3/11

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

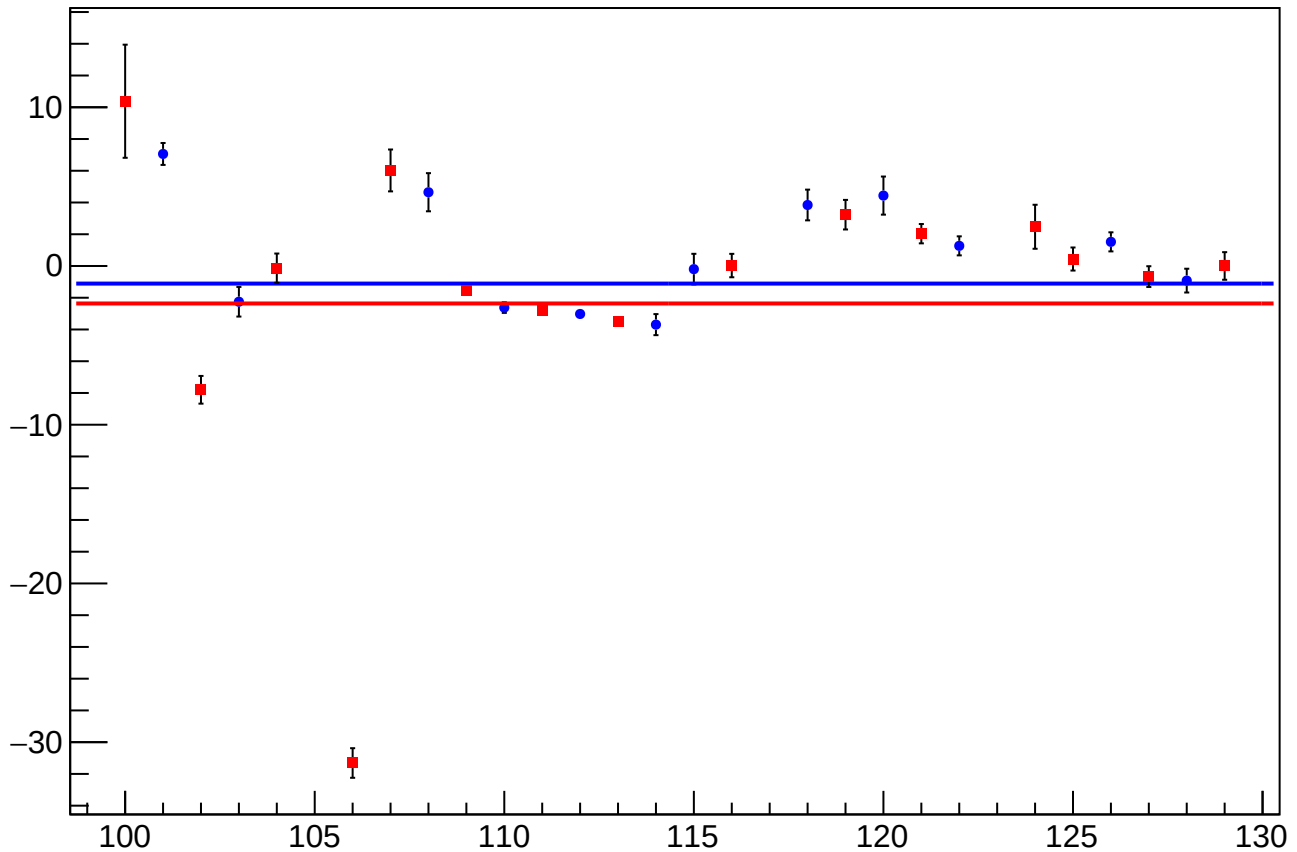
Right: -0.222 ± 0.009 χ^2/NDF : 504.4/26

In: -0.194 ± 0.013 χ^2/NDF : 152.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.222 ± 0.009 χ^2/NDF : 504.4/26

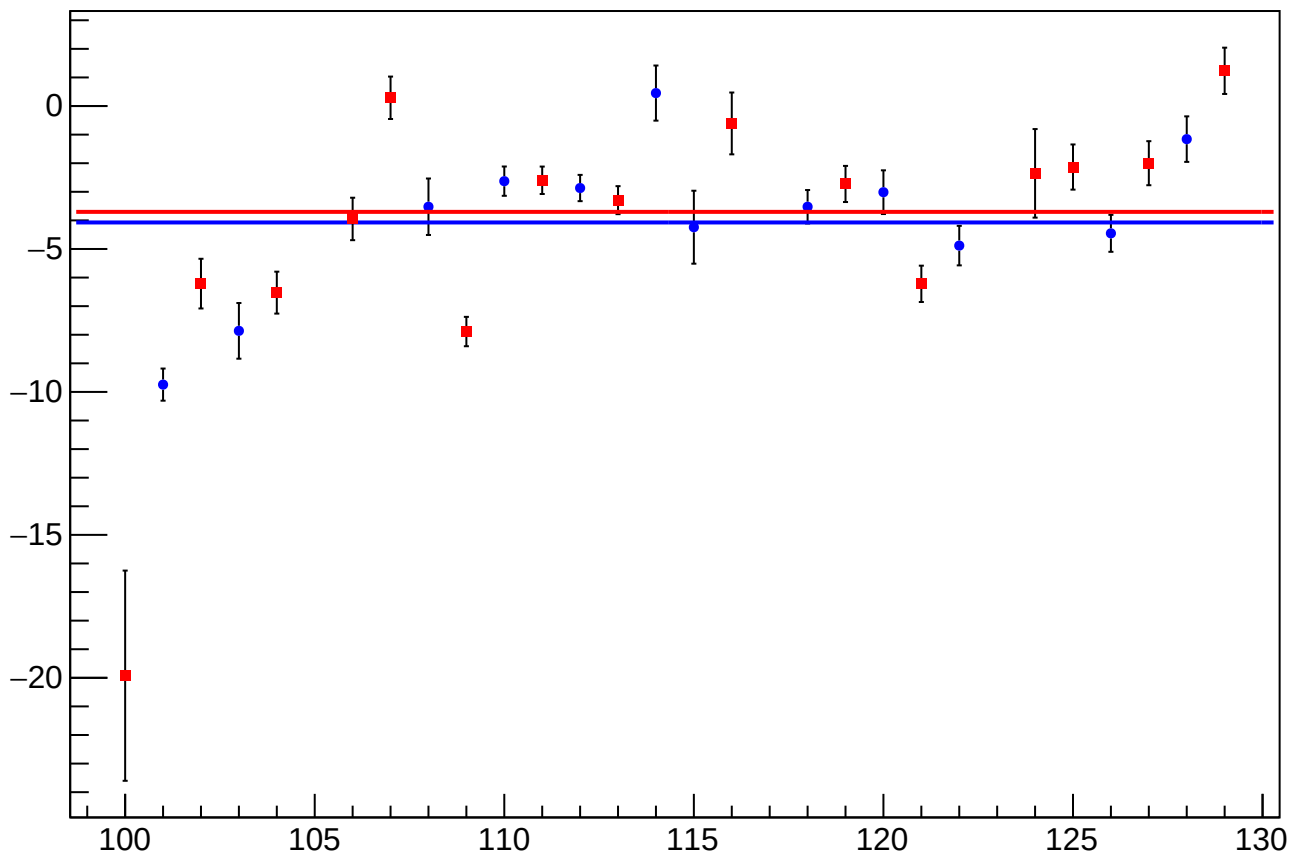
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.109 ± 0.162 χ^2/NDF : 330.5/11
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -2.361 ± 0.139 χ^2/NDF : 1226.9/14
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -1.827 ± 0.106 χ^2/NDF : 1591.8/26
 In: -1.109 ± 0.162 χ^2/NDF : 330.5/11
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -1.827 ± 0.106 χ^2/NDF : 1591.8/26

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.072 ± 0.195 χ^2/NDF : 172.1/11

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

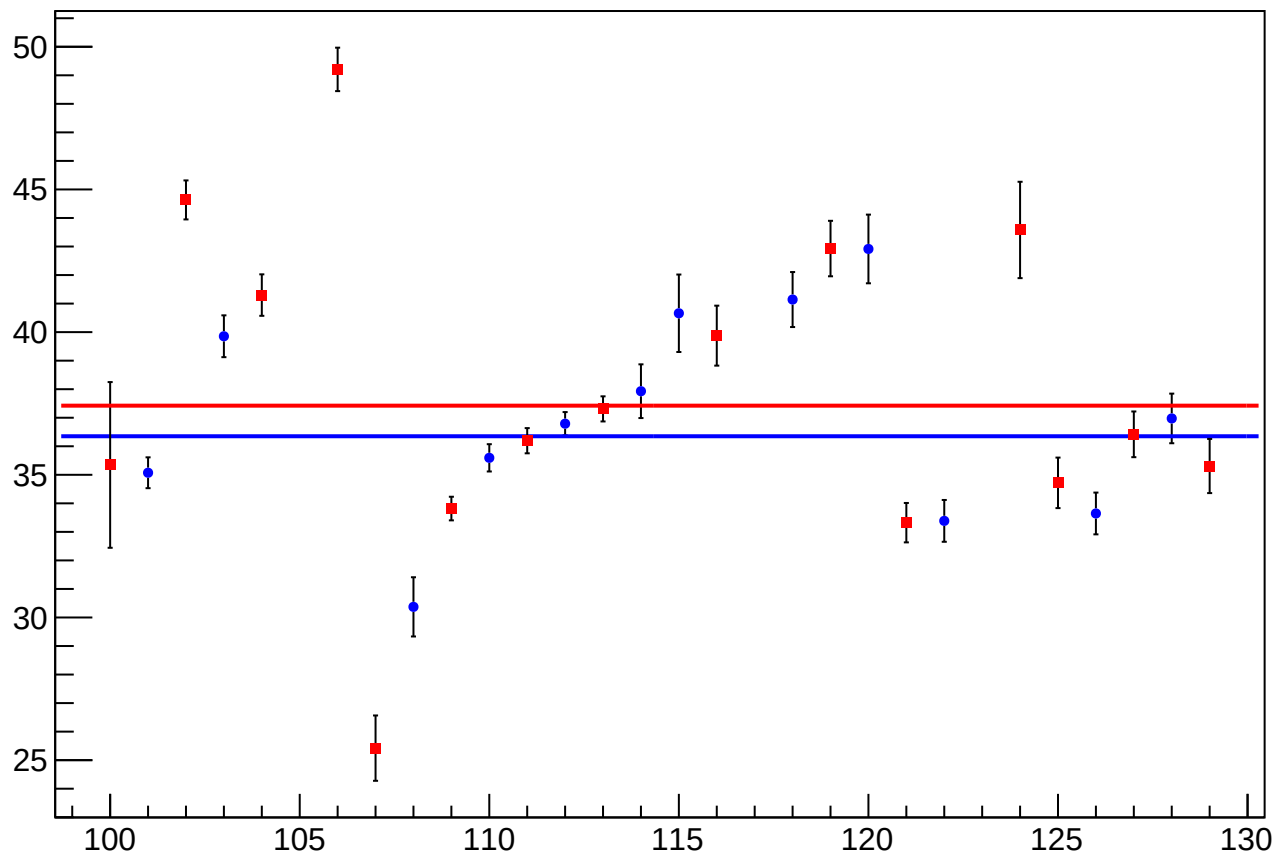
Right: -3.874 ± 0.133 χ^2/NDF : 391.1/26

In: -4.072 ± 0.195 χ^2/NDF : 172.1/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.874 ± 0.133 χ^2/NDF : 391.1/26

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 36.351+/-0.200 χ^2/NDF : 163.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.423+/-0.179 χ^2/NDF : 675.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

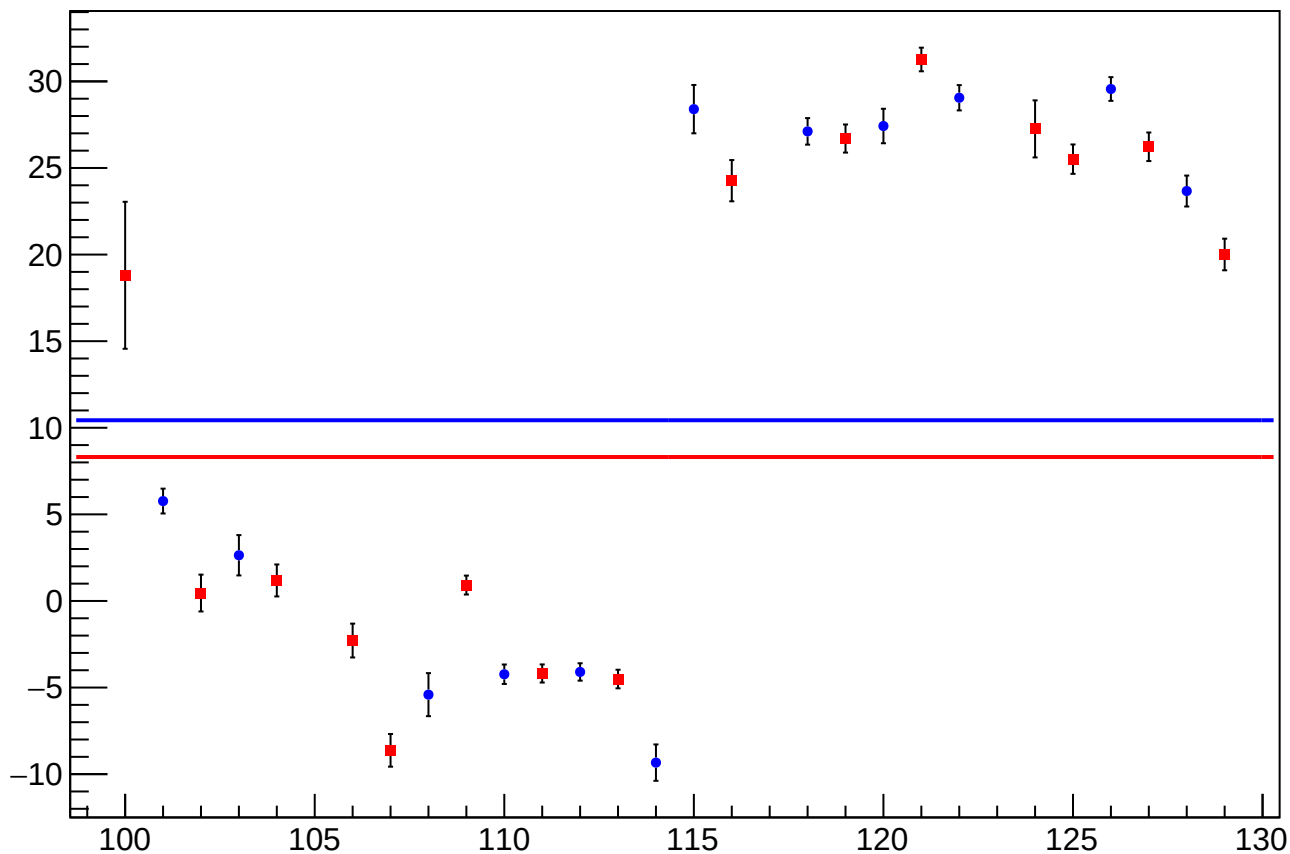
Right: 36.944+/-0.133 χ^2/NDF : 854.7/26

In: 36.351+/-0.200 χ^2/NDF : 163.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.944+/-0.133 χ^2/NDF : 854.7/26

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.434+/-0.224 χ^2/NDF : 4703.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

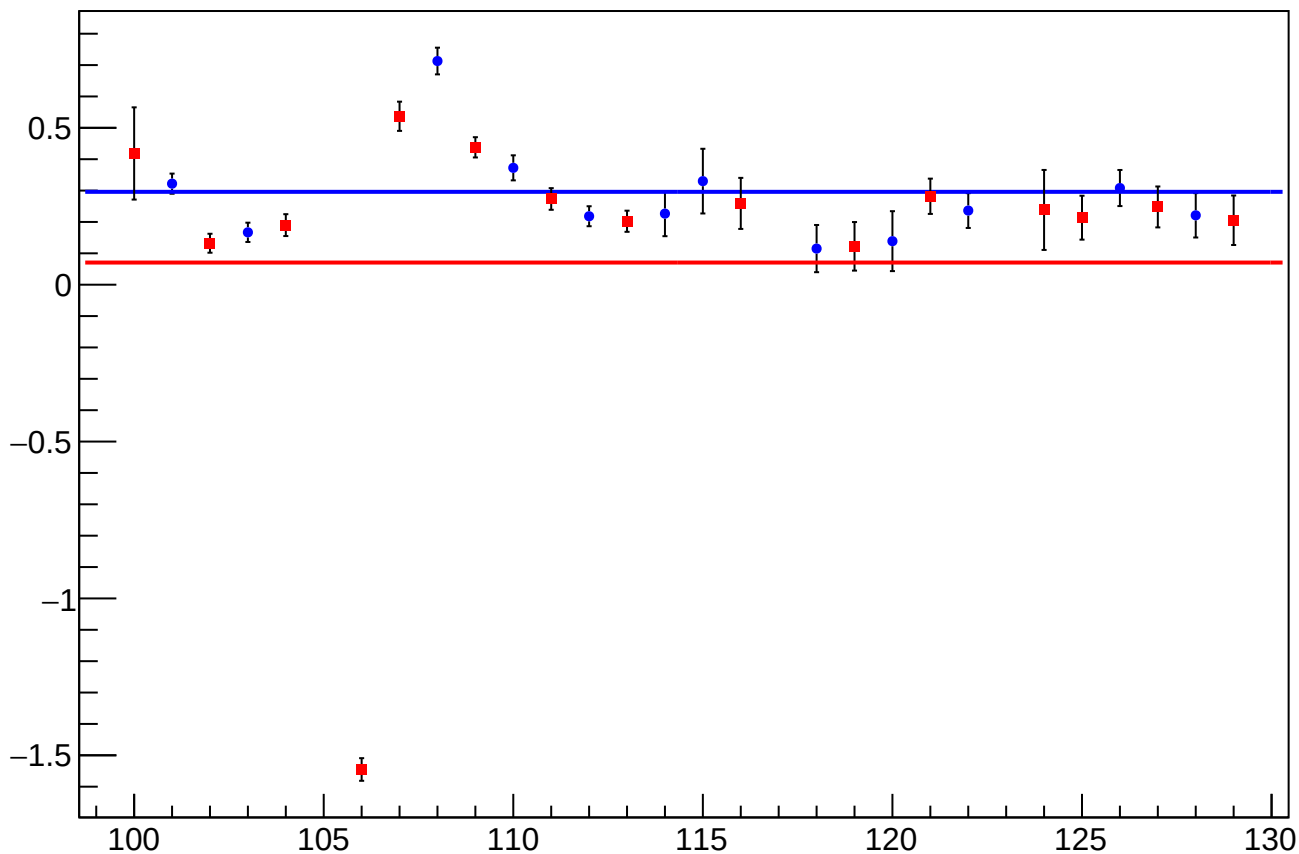
Right: 9.281+/-0.152 χ^2/NDF : 9643.7/26

In: 10.434+/-0.224 χ^2/NDF : 4703.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.281+/-0.152 χ^2/NDF : 9643.7/26

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.296+/-0.013 χ^2/NDF : 135.7/11

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

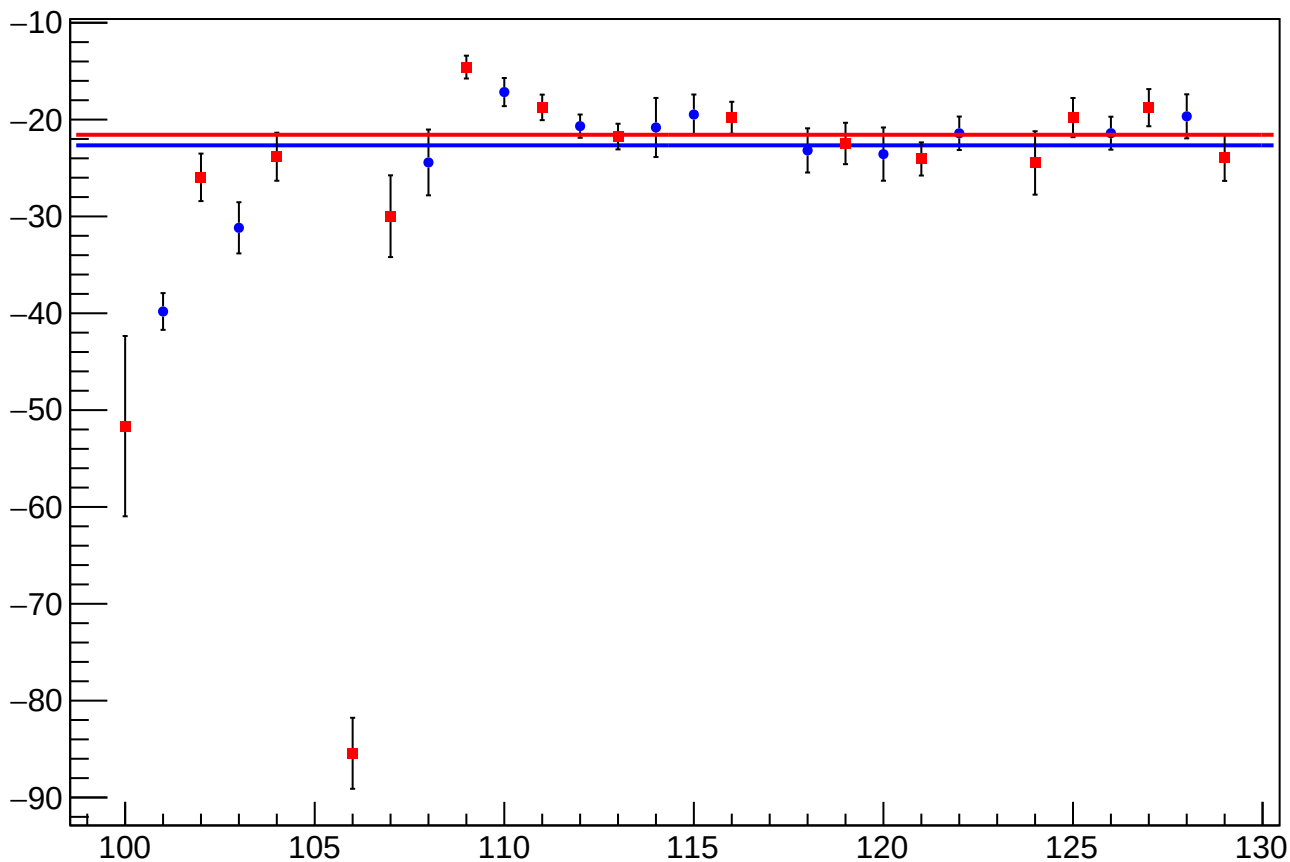
Right: 0.169+/-0.009 χ^2/NDF : 2639.2/26

In: 0.296+/-0.013 χ^2/NDF : 135.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.169+/-0.009 χ^2/NDF : 2639.2/26

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -22.659 ± 0.558 $\chi^2/\text{NDF}: 115.1/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -21.568 ± 0.497 $\chi^2/\text{NDF}: 369.8/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

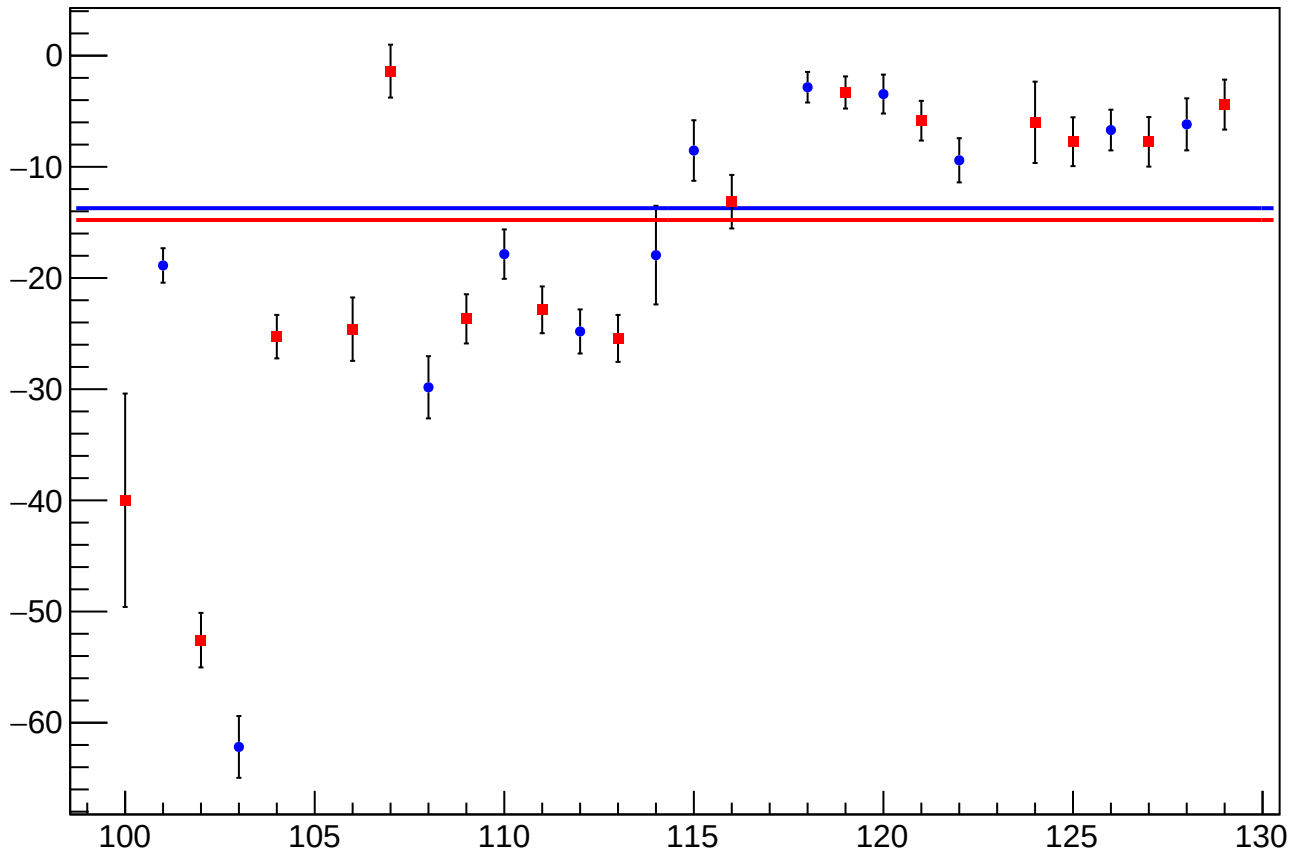
Right: -22.052 ± 0.371 $\chi^2/\text{NDF}: 487.0/26$

In: -22.659 ± 0.558 $\chi^2/\text{NDF}: 115.1/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -22.052 ± 0.371 $\chi^2/\text{NDF}: 487.0/26$

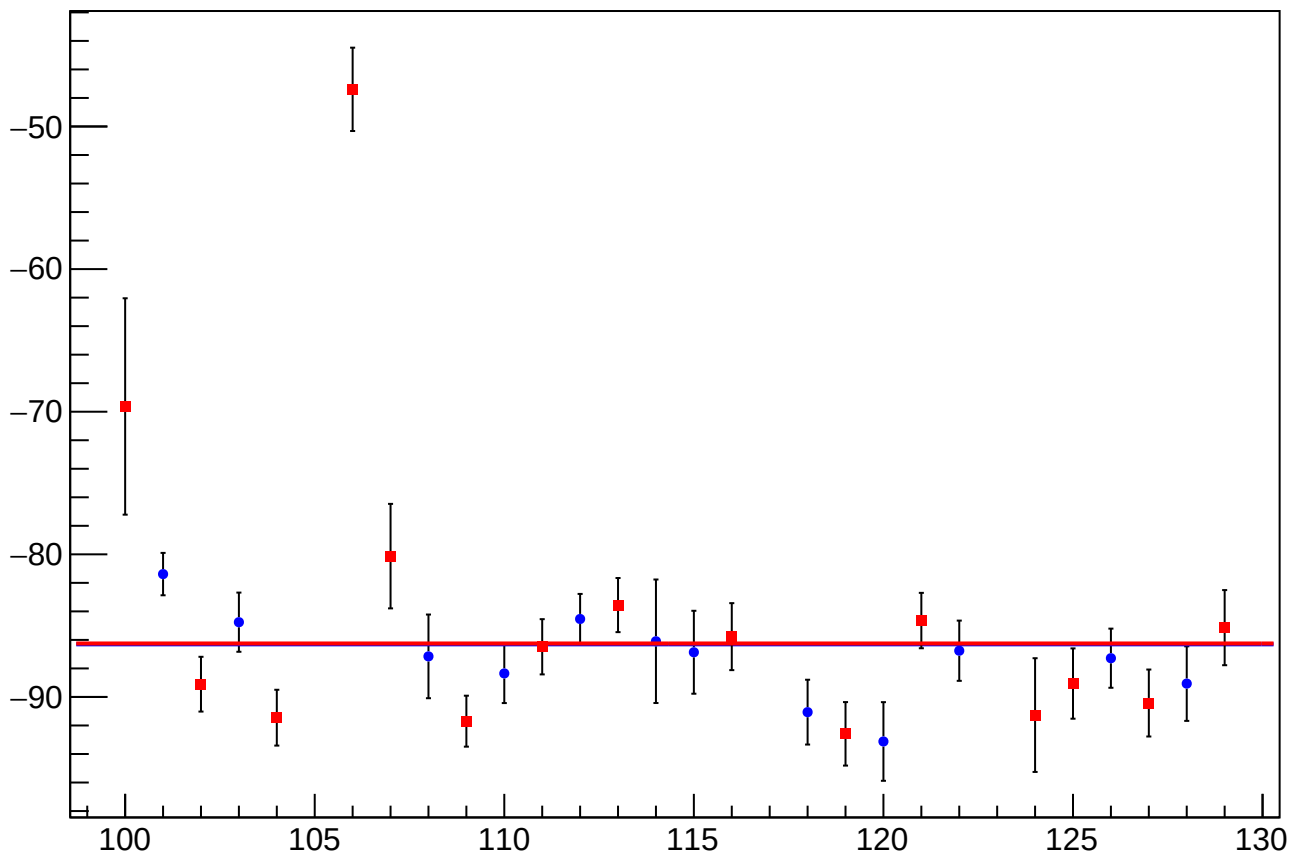
reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -13.719 $\pm$ 0.587 χ^2 /NDF: 514.6/11
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -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: -14.263 $\pm$ 0.410 χ^2 /NDF: 1025.0/26
 In: -13.719 $\pm$ 0.587 χ^2 /NDF:514.6/11
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -14.263 $\pm$ 0.410 χ^2 /NDF: 1025.0/26

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -86.311+/-0.638 χ^2/NDF : 25.5/11

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

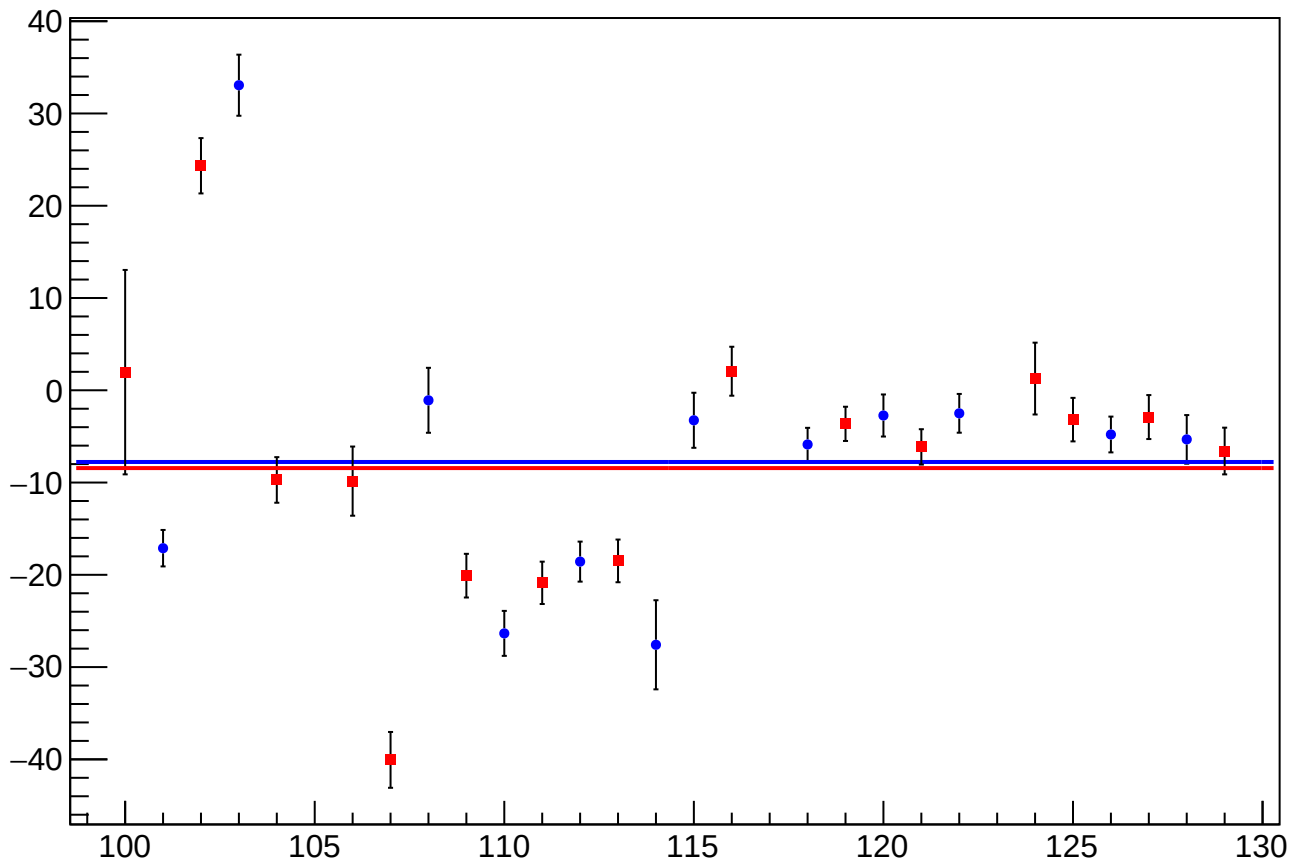
Right: -86.279+/-0.436 χ^2/NDF : 245.6/26

In: -86.311+/-0.638 χ^2/NDF : 25.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -86.279+/-0.436 χ^2/NDF : 245.6/26

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -7.771+/-0.690 χ^2/NDF : 295.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.433+/-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

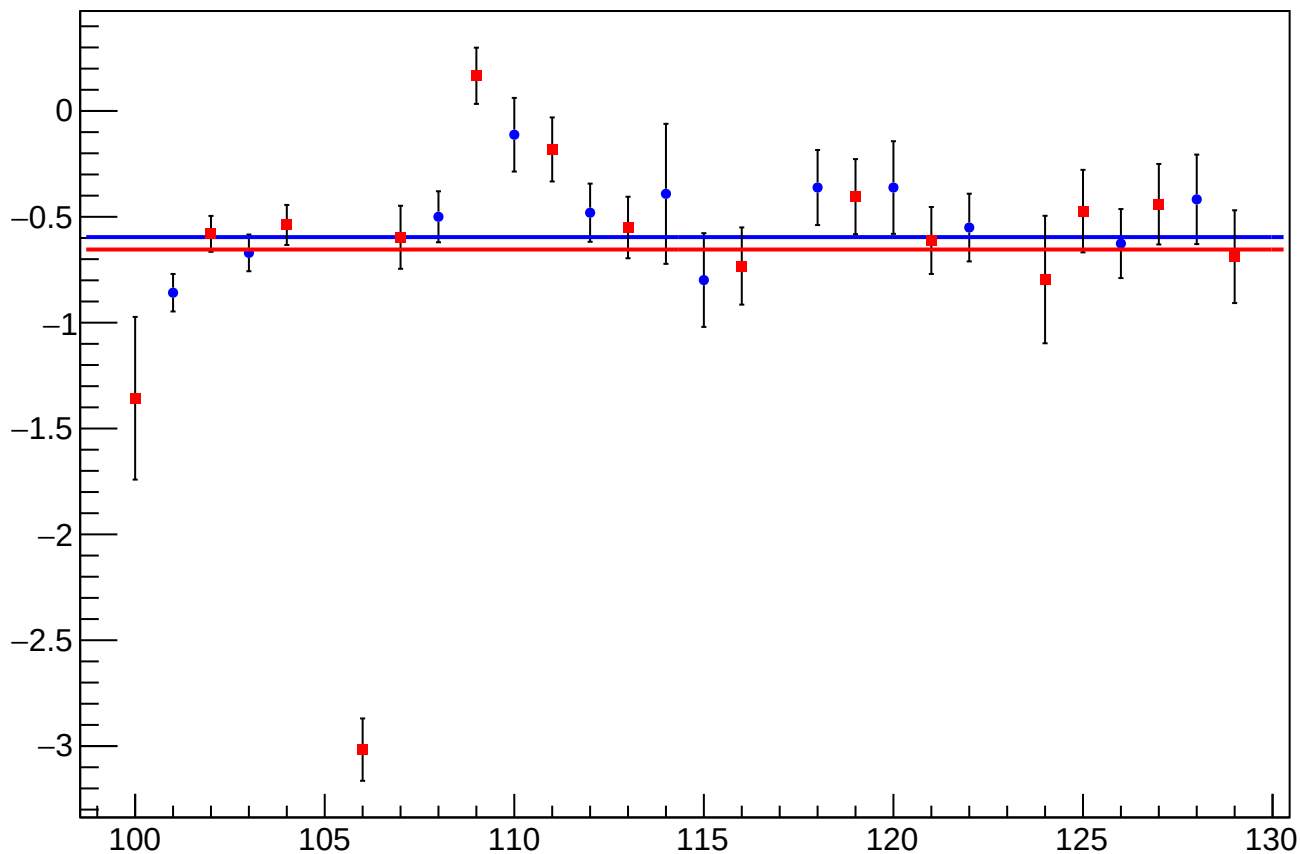
Right: -8.117+/-0.477 χ^2/NDF : 639.6/26

In: -7.771+/-0.690 χ^2/NDF : 295.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.117+/-0.477 χ^2/NDF : 639.6/26

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.596 ± 0.041 χ^2/NDF : 23.5/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.654 ± 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

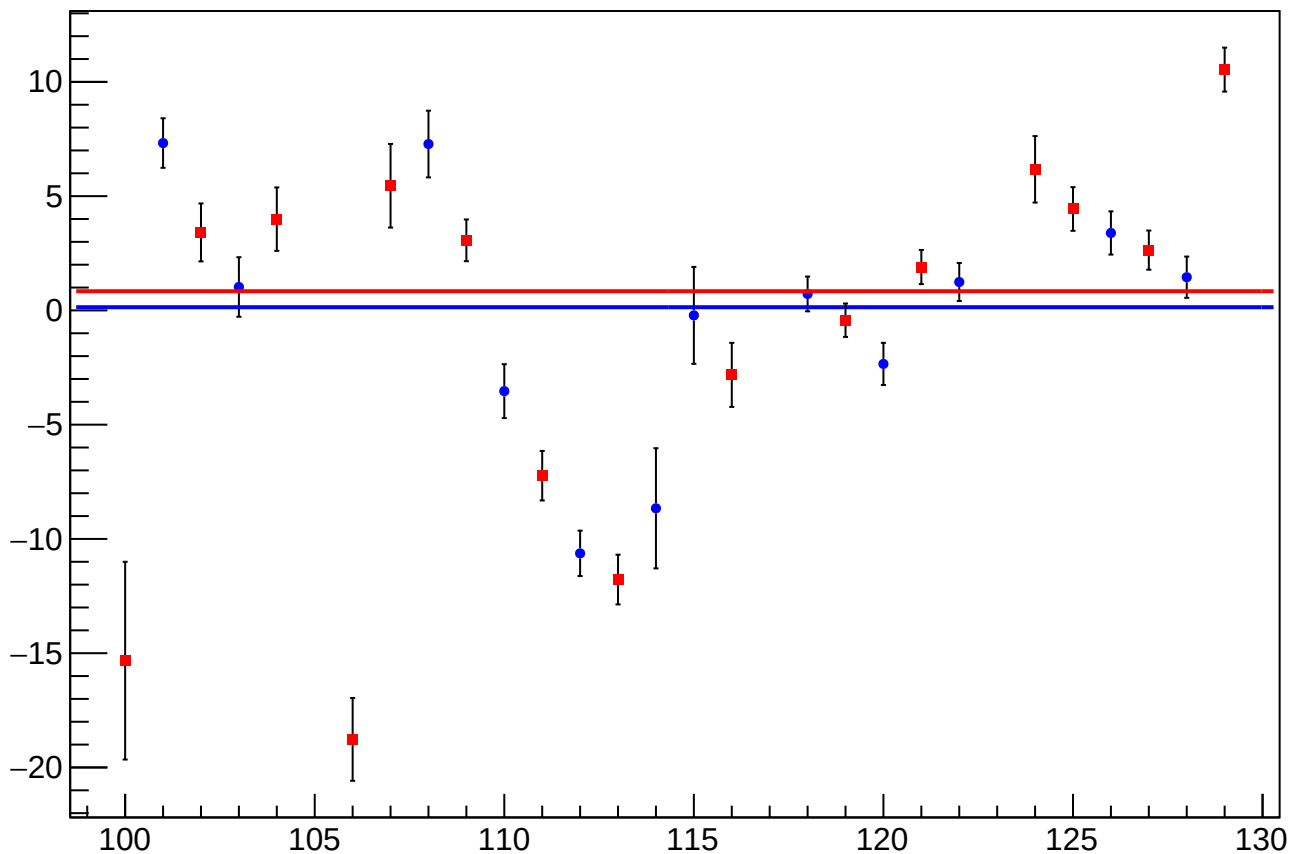
Right: -0.627 ± 0.028 χ^2/NDF : 340.9/26

In: -0.596 ± 0.041 χ^2/NDF : 23.5/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.627 ± 0.028 χ^2/NDF : 340.9/26

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.140+/-0.306 χ^2/NDF : 230.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.839+/-0.279 χ^2/NDF : 488.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

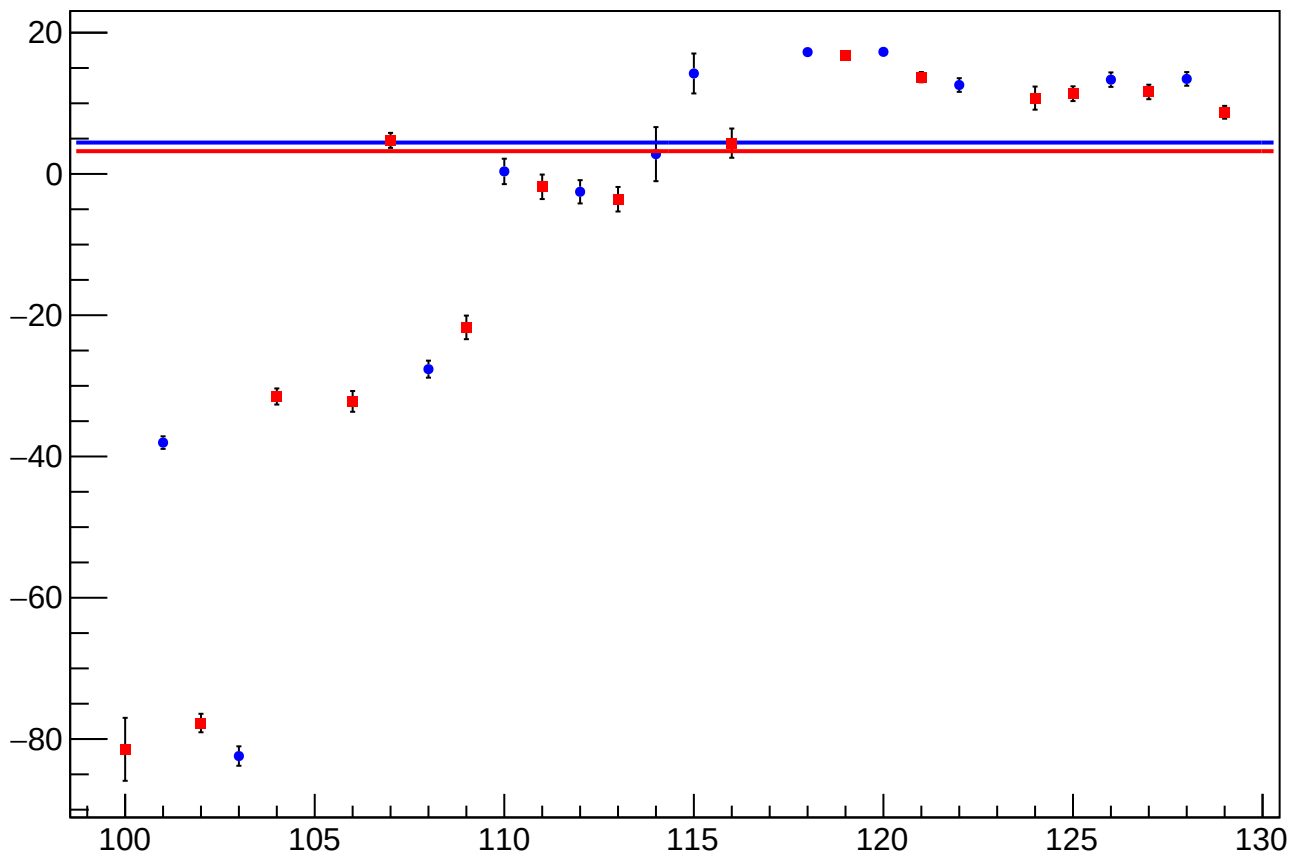
Right: 0.522+/-0.206 χ^2/NDF : 721.5/26

In: 0.140+/-0.306 χ^2/NDF : 230.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.522+/-0.206 χ^2/NDF : 721.5/26

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.445 $\pm$ 0.267 χ^2 /NDF: 8496.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.224 $\pm$ 0.268 χ^2 /NDF: 7157.9/14

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

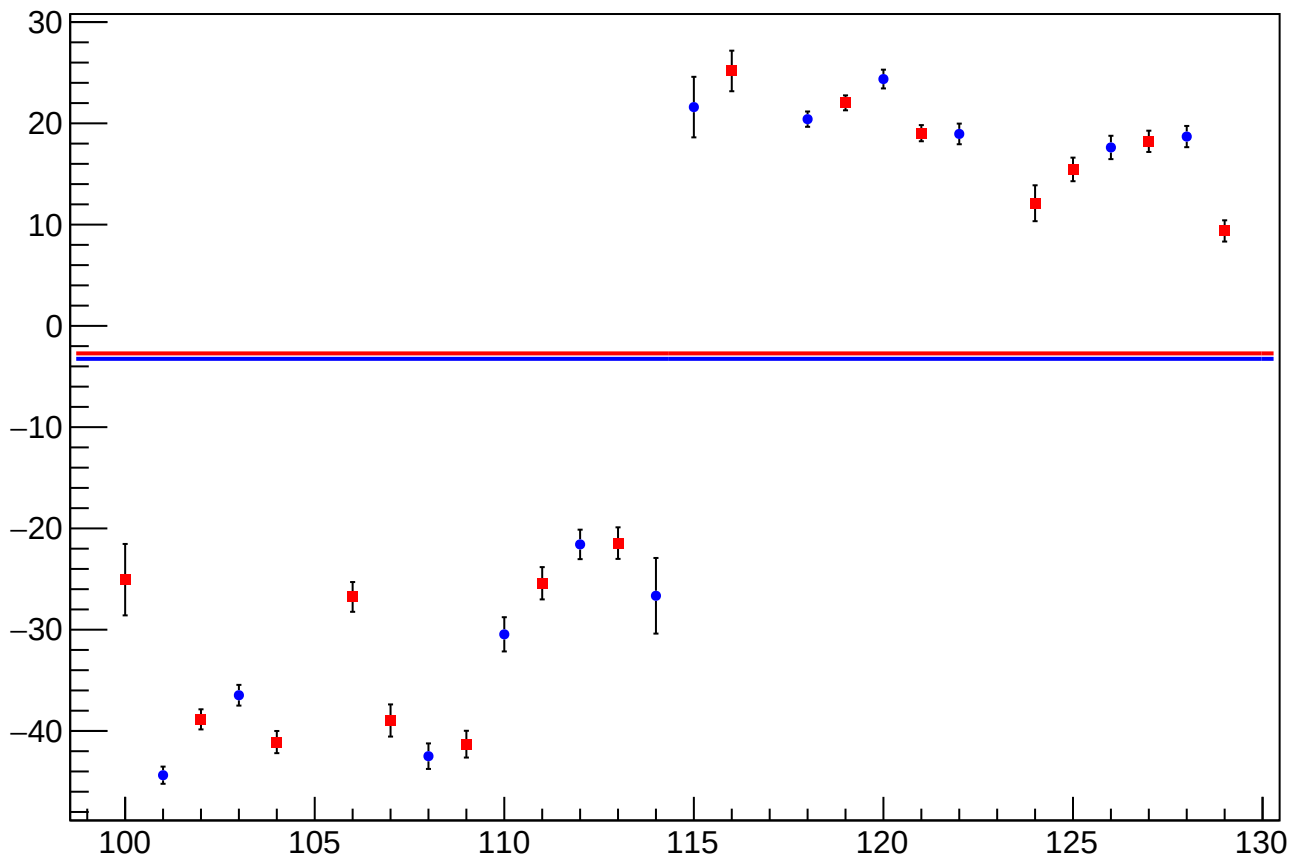
Right: 3.838 $\pm$ 0.189 χ^2 /NDF: 15664.9/26

In: 4.445 $\pm$ 0.267 χ^2 /NDF:8496.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.838 $\pm$ 0.189 χ^2 /NDF: 15664.9/26

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -3.255+/-0.324 χ^2/NDF : 8006.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

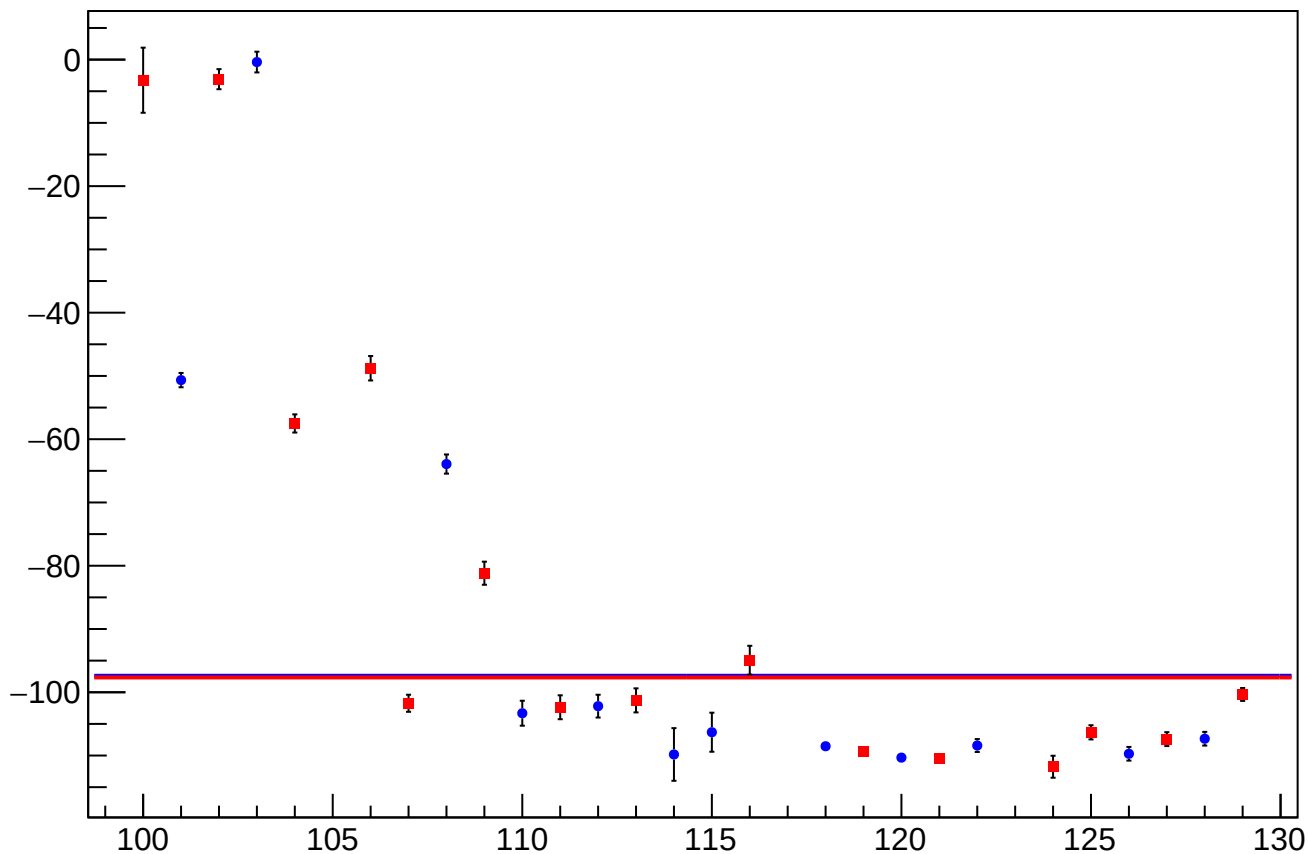
Right: -2.970+/-0.222 χ^2/NDF : 15495.1/26

In: -3.255+/-0.324 χ^2/NDF :8006.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.970+/-0.222 χ^2/NDF : 15495.1/26

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -97.394+/-0.325 χ^2/NDF : 6693.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -97.657+/-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

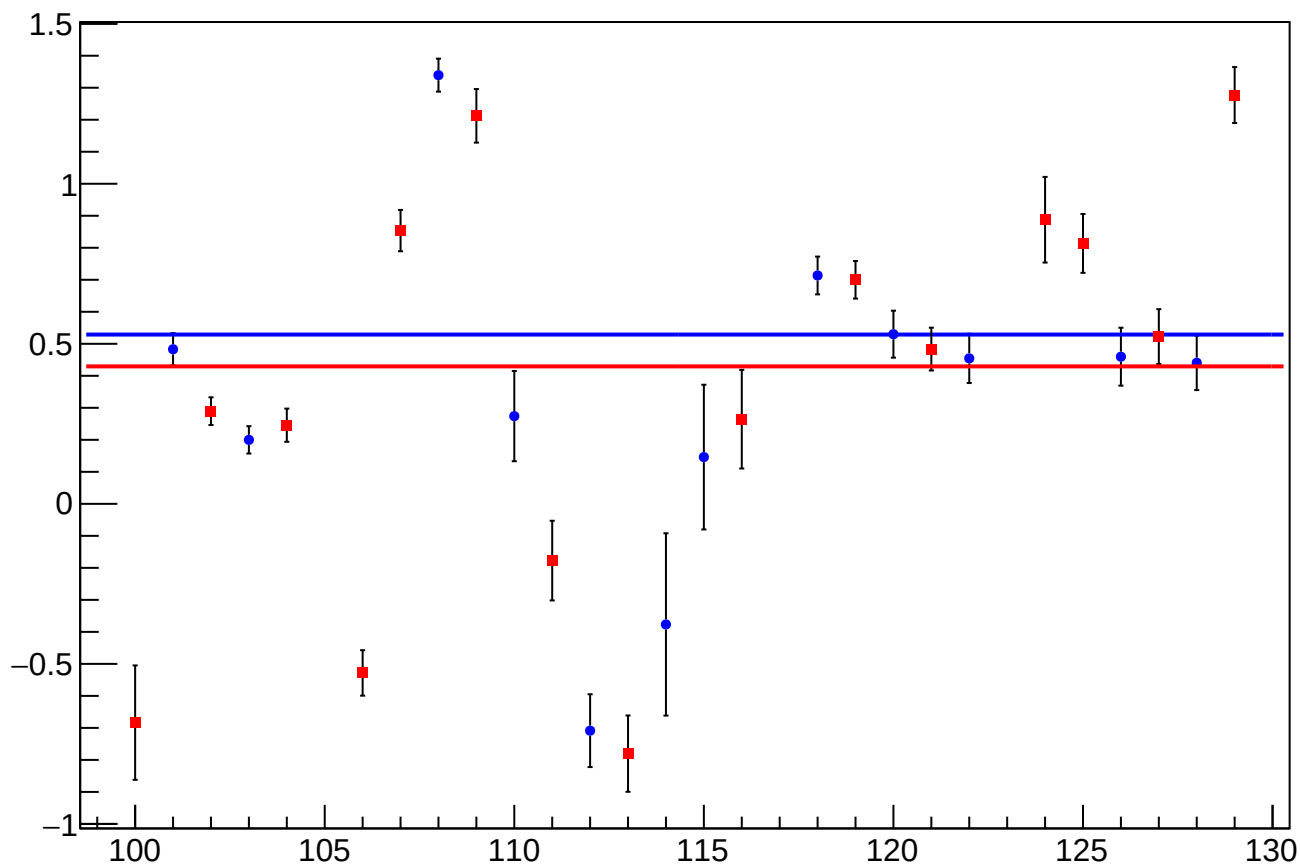
Right: -97.529+/-0.226 χ^2/NDF : 12955.2/26

In: -97.394+/-0.325 χ^2/NDF : 6693.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -97.529+/-0.226 χ^2/NDF : 12955.2/26

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.529+/-0.020 χ^2/NDF : 454.9/11

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

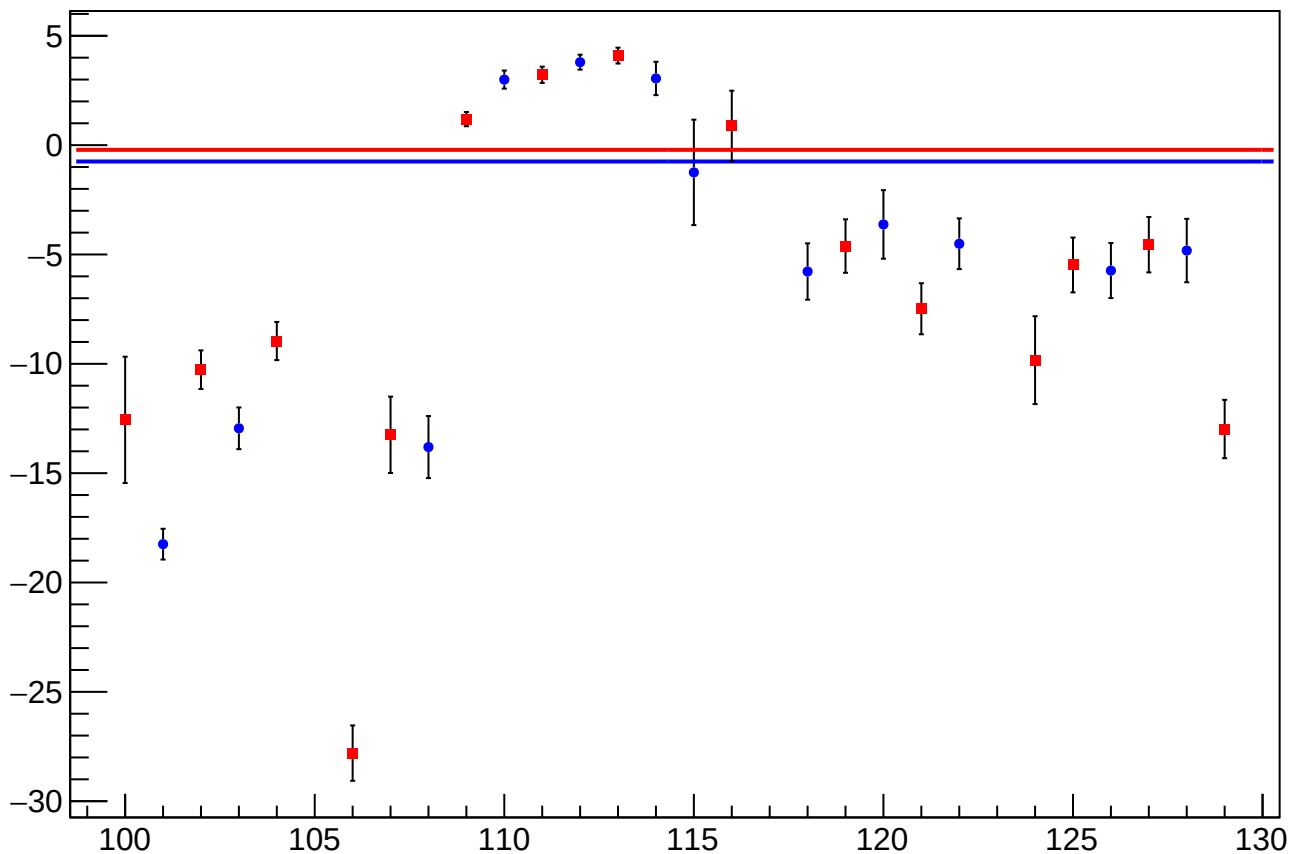
Right: 0.476+/-0.014 χ^2/NDF : 1115.6/26

In: 0.529+/-0.020 χ^2/NDF : 454.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.476+/-0.014 χ^2/NDF : 1115.6/26

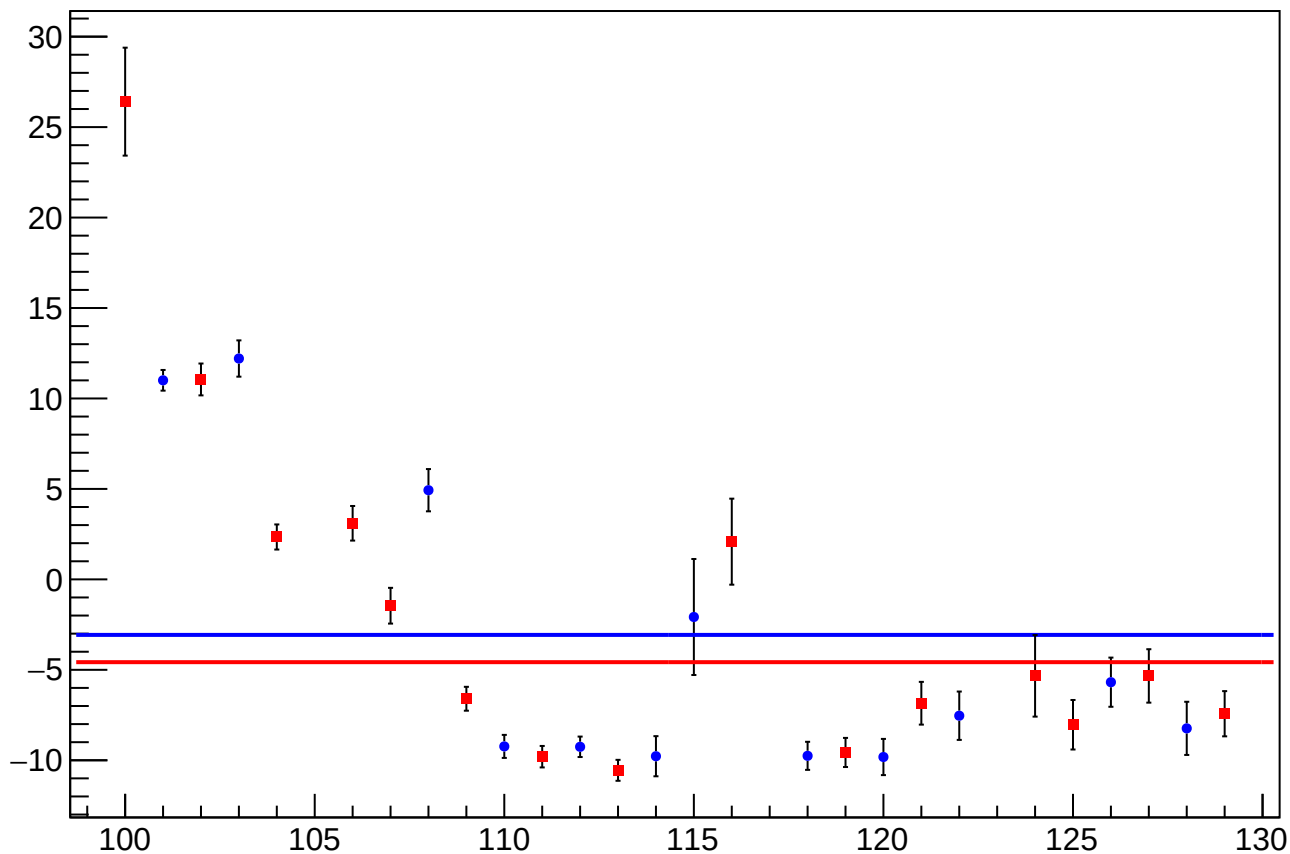
reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.747+/-0.209 χ^2/NDF : 1203.7/11
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -0.215+/-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: -0.437+/-0.135 χ^2/NDF : 2427.3/26
 In: -0.747+/-0.209 χ^2/NDF :1203.7/11
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -0.437+/-0.135 χ^2/NDF : 2427.3/26

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.070+/-0.254 χ^2/NDF : 1281.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.577+/-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

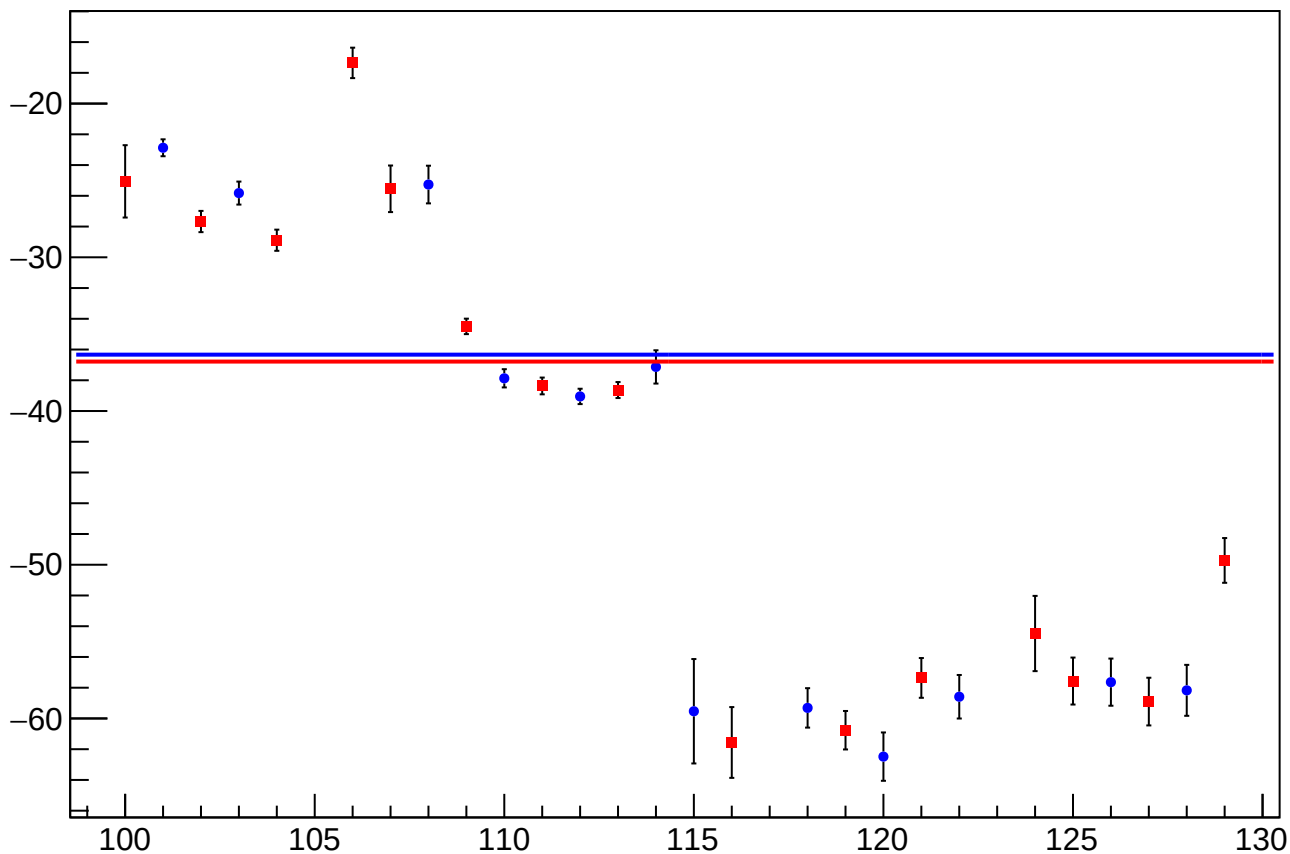
Right: -3.878+/-0.173 χ^2/NDF : 2152.9/26

In: -3.070+/-0.254 χ^2/NDF : 1281.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.878+/-0.173 χ^2/NDF : 2152.9/26

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -36.333+/-0.251 χ^2/NDF : 2171.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.783+/-0.225 χ^2/NDF : 2067.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

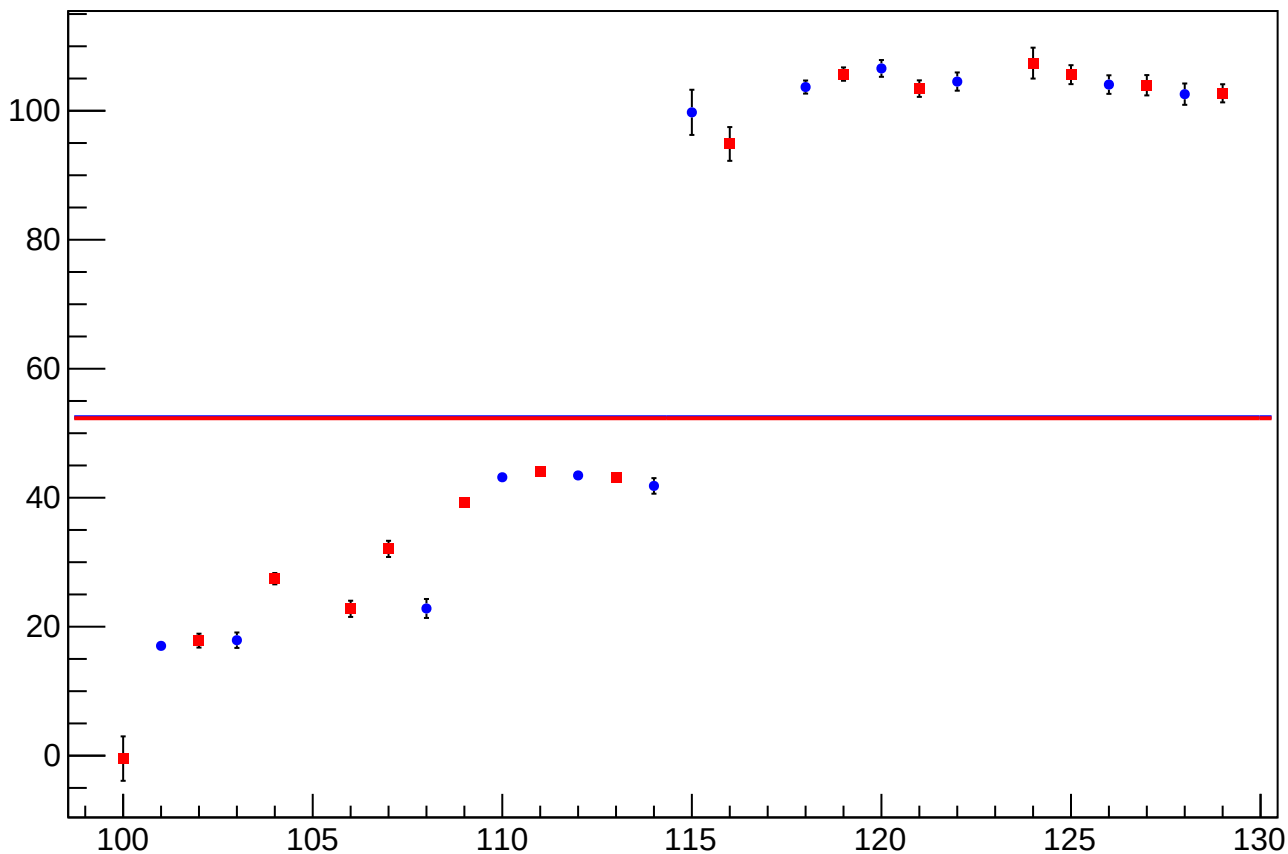
Right: -36.583+/-0.168 χ^2/NDF : 4241.1/26

In: -36.333+/-0.251 χ^2/NDF : 2171.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.583+/-0.168 χ^2/NDF : 4241.1/26

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 52.478+/-0.296 χ^2/NDF : 12090.5/11

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

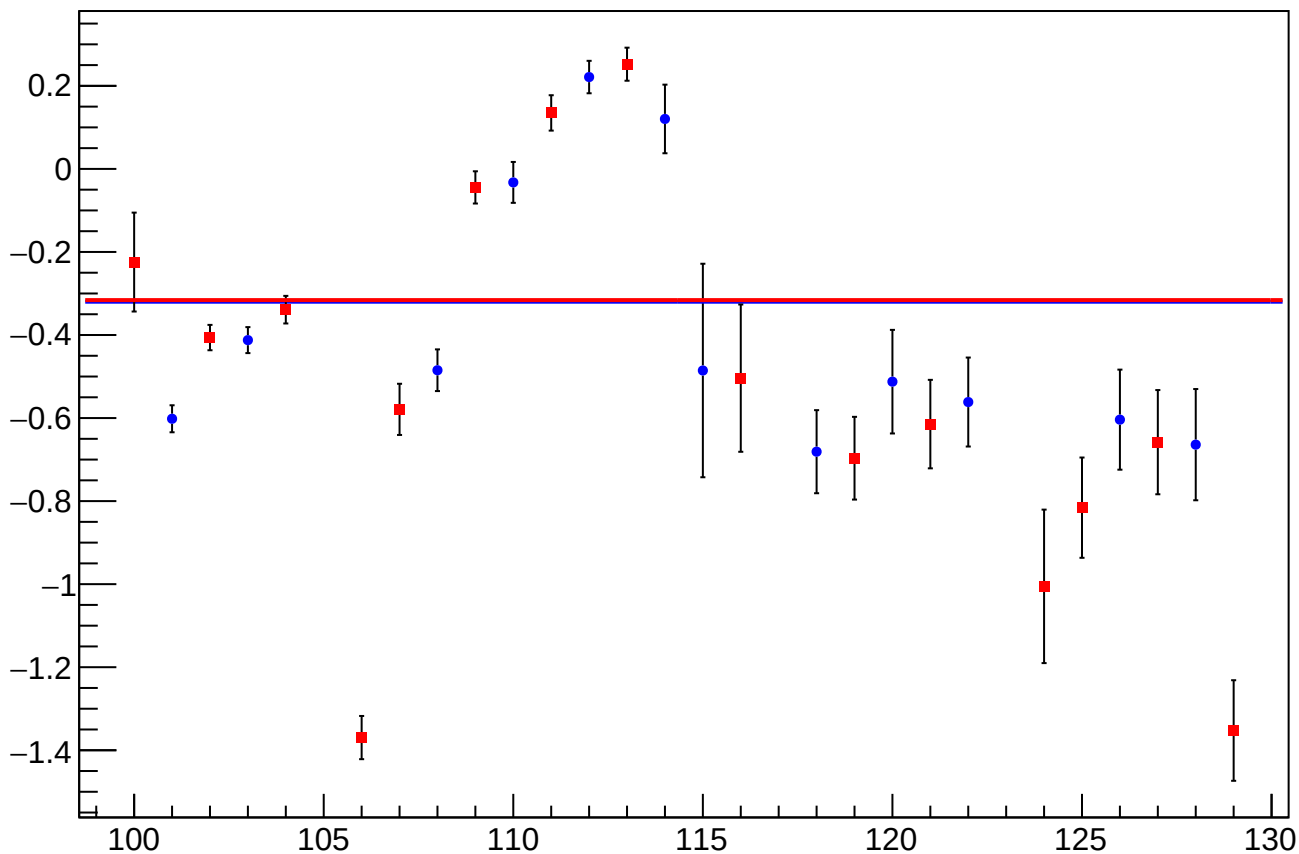
Right: 52.393+/-0.200 χ^2/NDF : 24417.7/26

In: 52.478+/-0.296 χ^2/NDF : 12090.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.393+/-0.200 χ^2/NDF : 24417.7/26

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.320+/-0.016 χ^2/NDF : 382.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.316+/-0.014 χ^2/NDF : 938.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

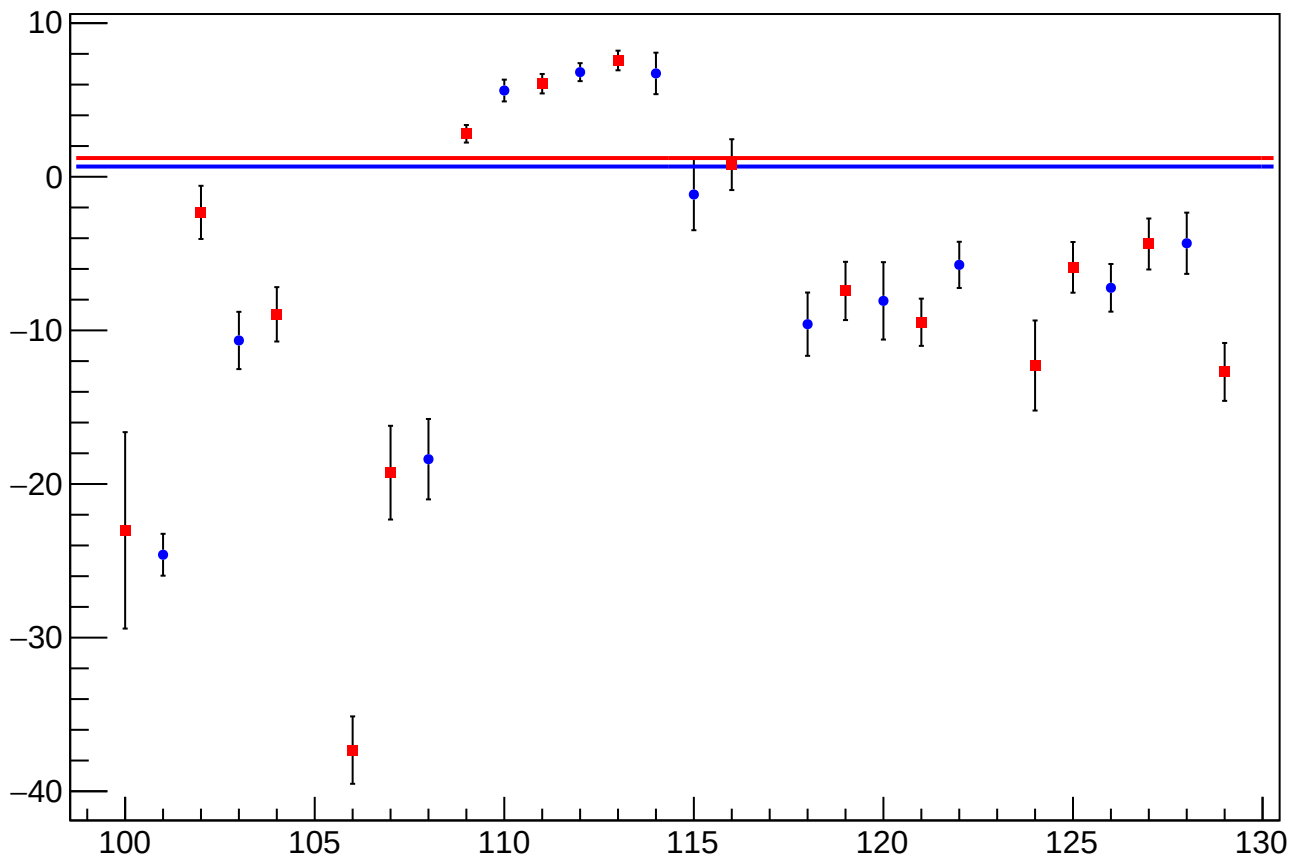
Right: -0.318+/-0.011 χ^2/NDF : 1320.1/26

In: -0.320+/-0.016 χ^2/NDF : 382.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.318+/-0.011 χ^2/NDF : 1320.1/26

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.665+/-0.351 χ^2/NDF : 701.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.218+/-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

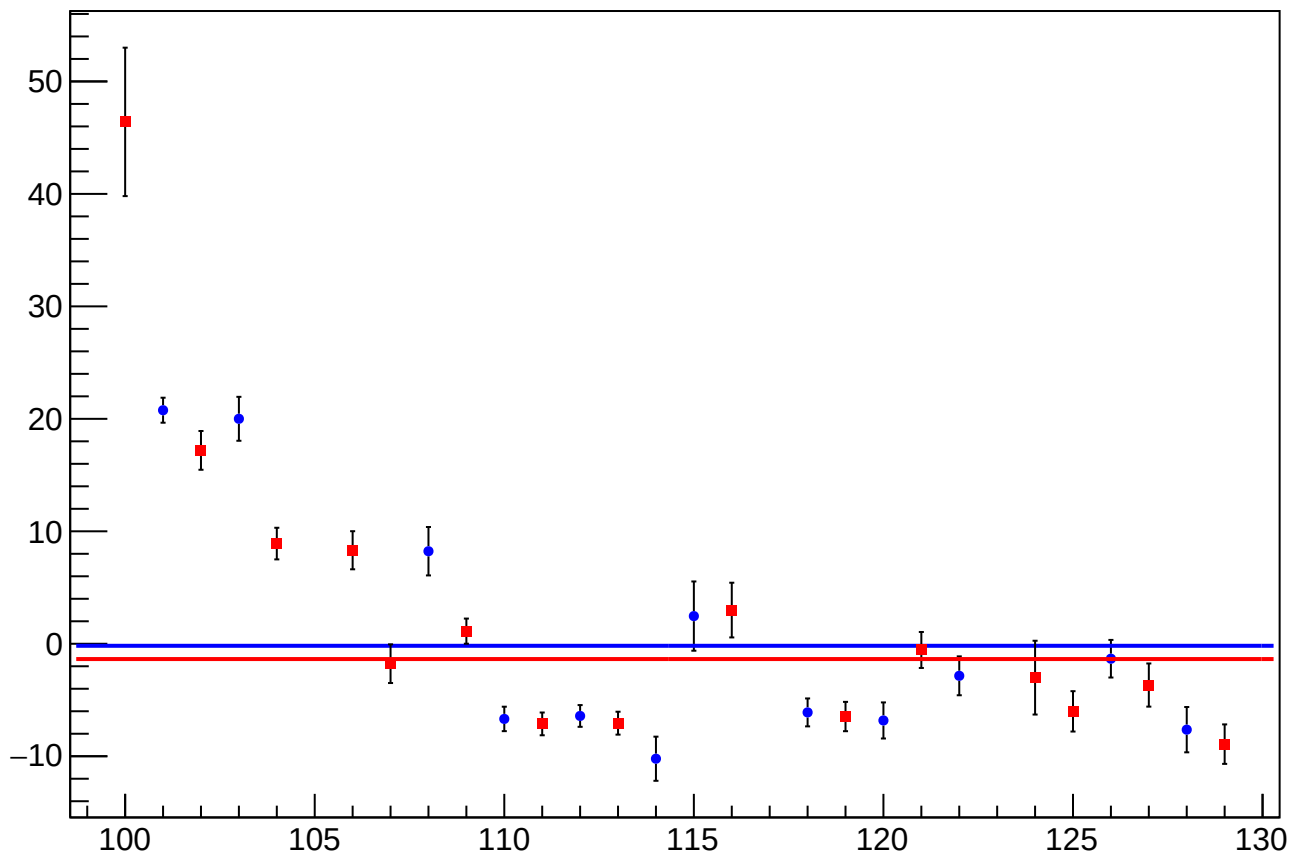
Right: 0.986+/-0.227 χ^2/NDF : 1447.6/26

In: 0.665+/-0.351 χ^2/NDF : 701.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.986+/-0.227 χ^2/NDF : 1447.6/26

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.180 ± 0.425 χ^2/NDF : 638.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

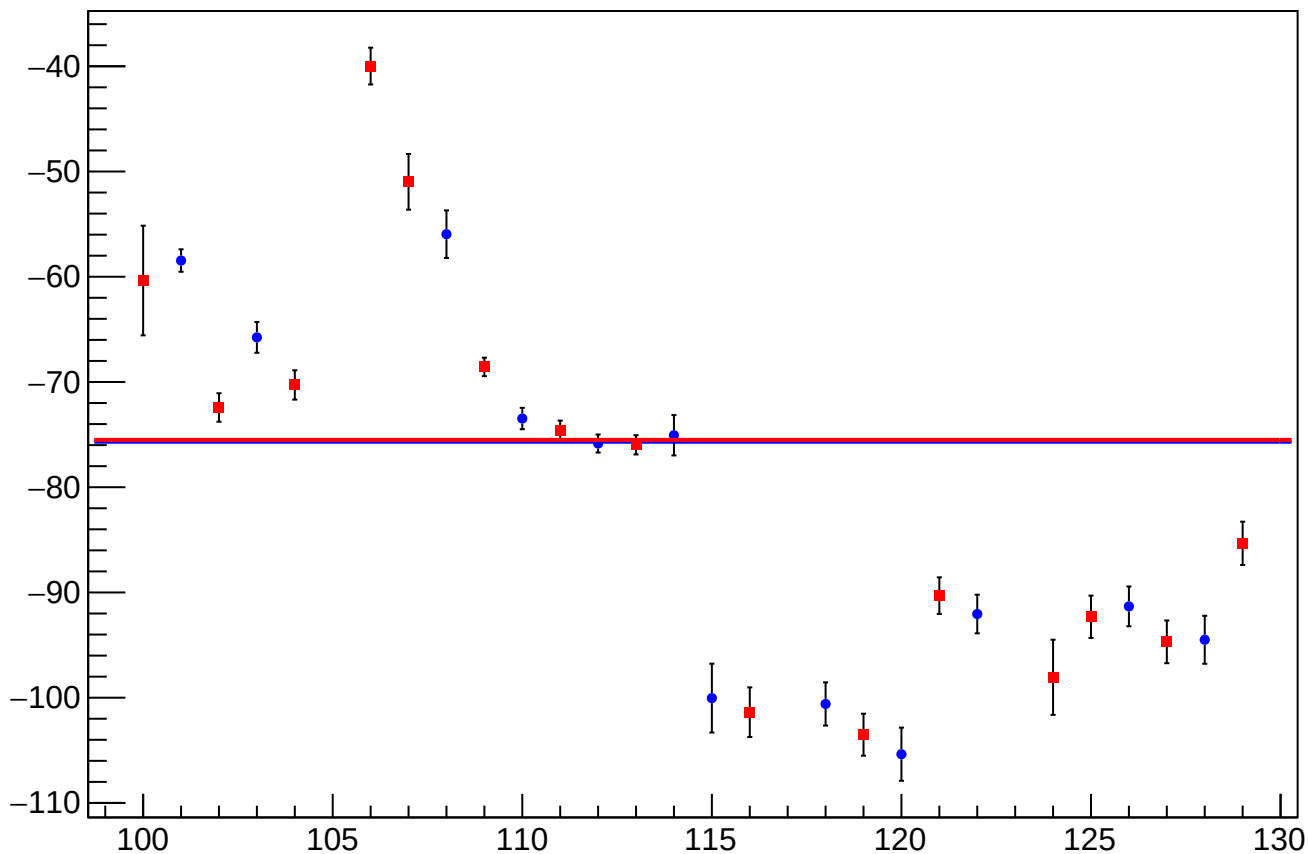
Right: -0.814 ± 0.289 χ^2/NDF : 1011.1/26

In: -0.180 ± 0.425 χ^2/NDF : 638.2/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.814 ± 0.289 χ^2/NDF : 1011.1/26

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -75.677 $\pm$ 0.430 χ^2 /NDF: 945.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -75.500 $\pm$ 0.384 χ^2 /NDF: 1201.8/14

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

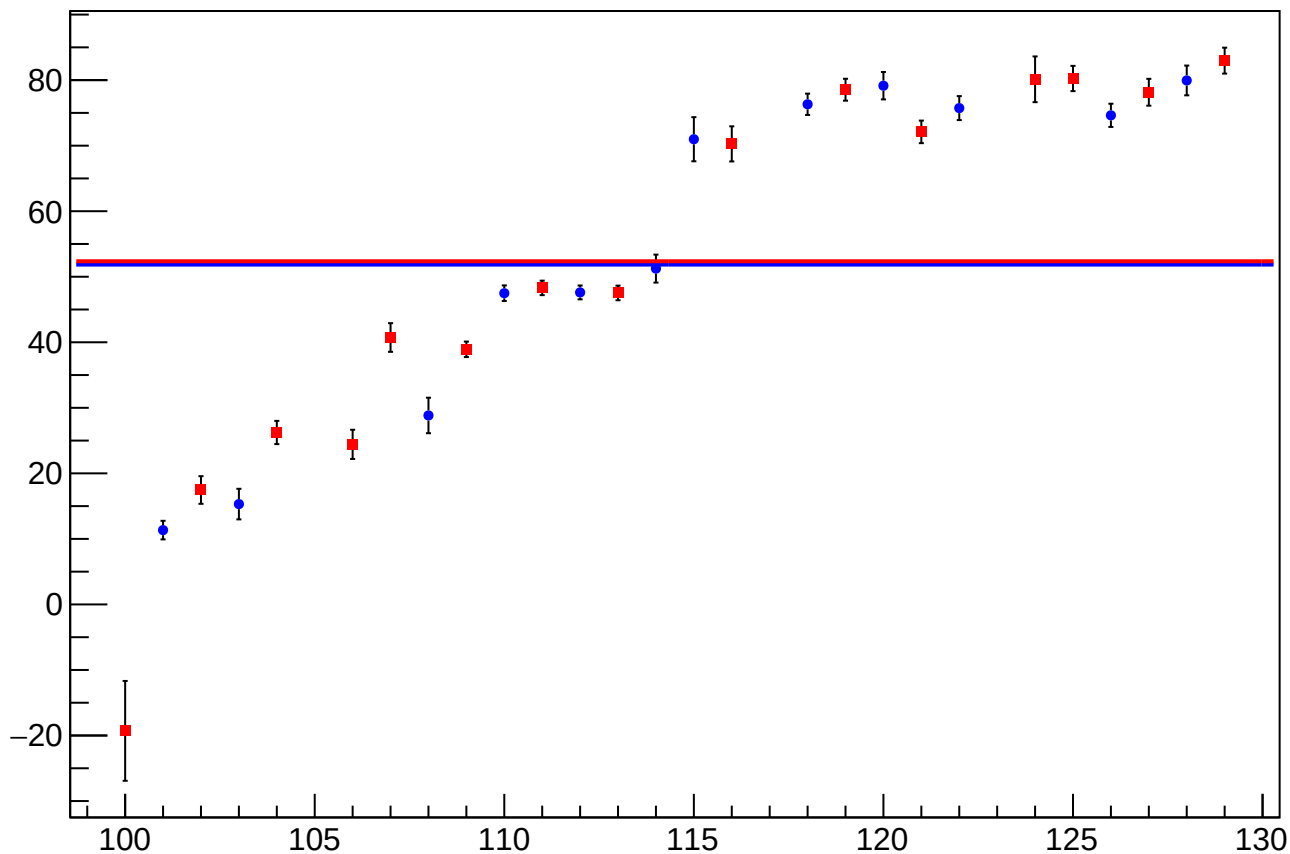
Right: -75.578 $\pm$ 0.286 χ^2 /NDF: 2147.1/26

In: -75.677 $\pm$ 0.430 χ^2 /NDF:945.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -75.578 $\pm$ 0.286 χ^2 /NDF: 2147.1/26

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 51.857 $\pm$ 0.491 χ^2 /NDF: 2083.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 52.364 $\pm$ 0.448 χ^2 /NDF: 2019.4/14

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

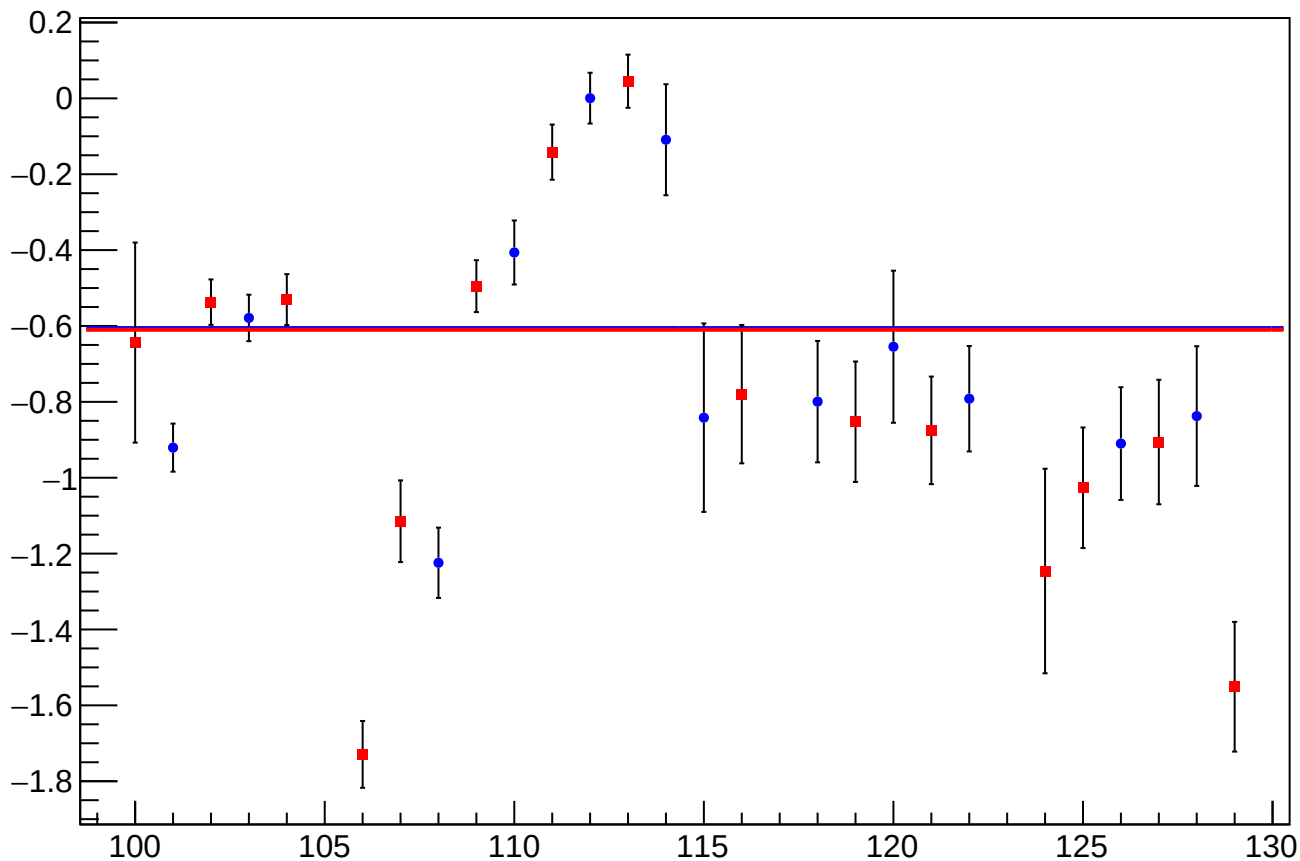
Right: 52.134 $\pm$ 0.331 χ^2 /NDF: 4103.4/26

In: 51.857 $\pm$ 0.491 χ^2 /NDF:2083.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 52.134 $\pm$ 0.331 χ^2 /NDF: 4103.4/26

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.605 ± 0.028 χ^2/NDF : 178.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.610 ± 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

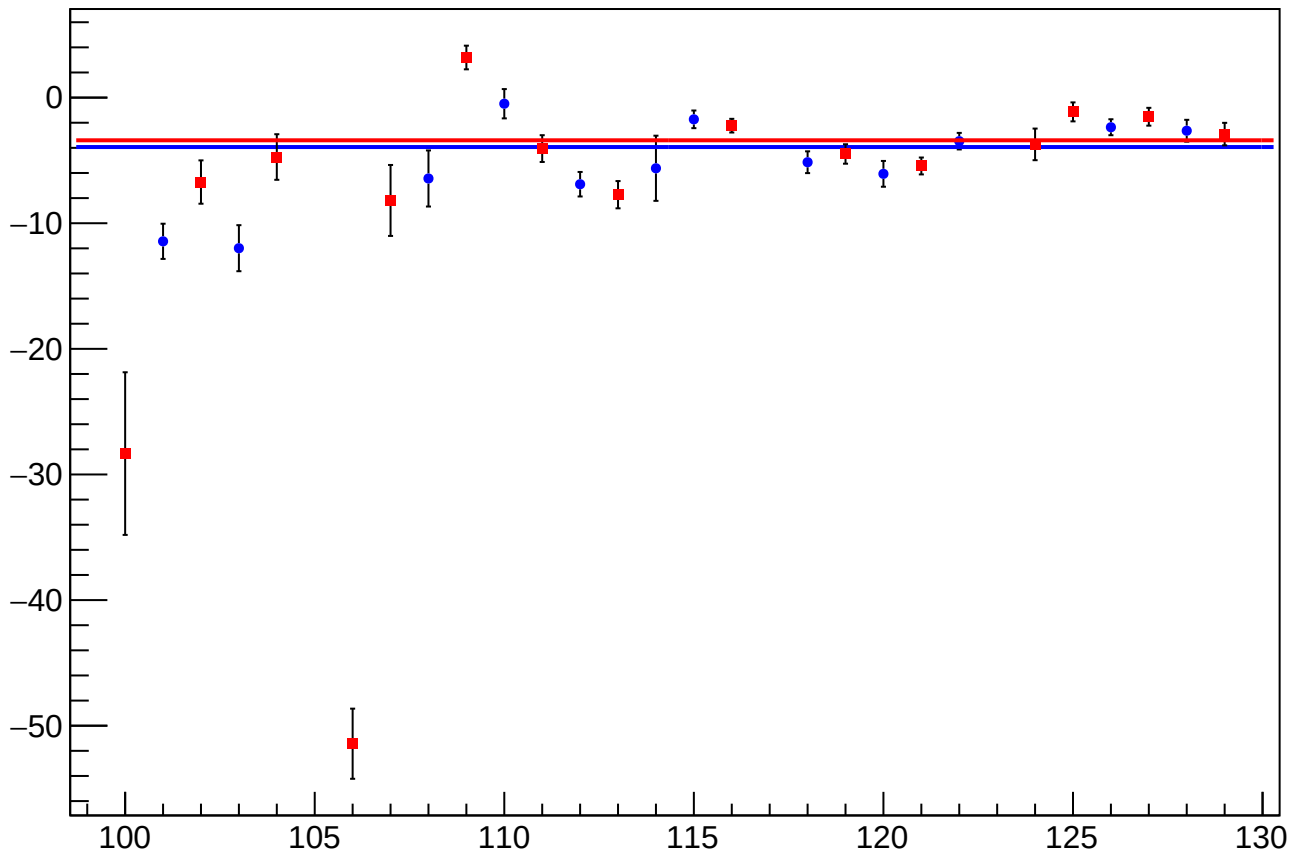
Right: -0.608 ± 0.019 χ^2/NDF : 549.4/26

In: -0.605 ± 0.028 χ^2/NDF : 178.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.608 ± 0.019 χ^2/NDF : 549.4/26

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.935 ± 0.274 $\chi^2/\text{NDF}: 92.6/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -3.398 ± 0.245 $\chi^2/\text{NDF}: 415.4/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

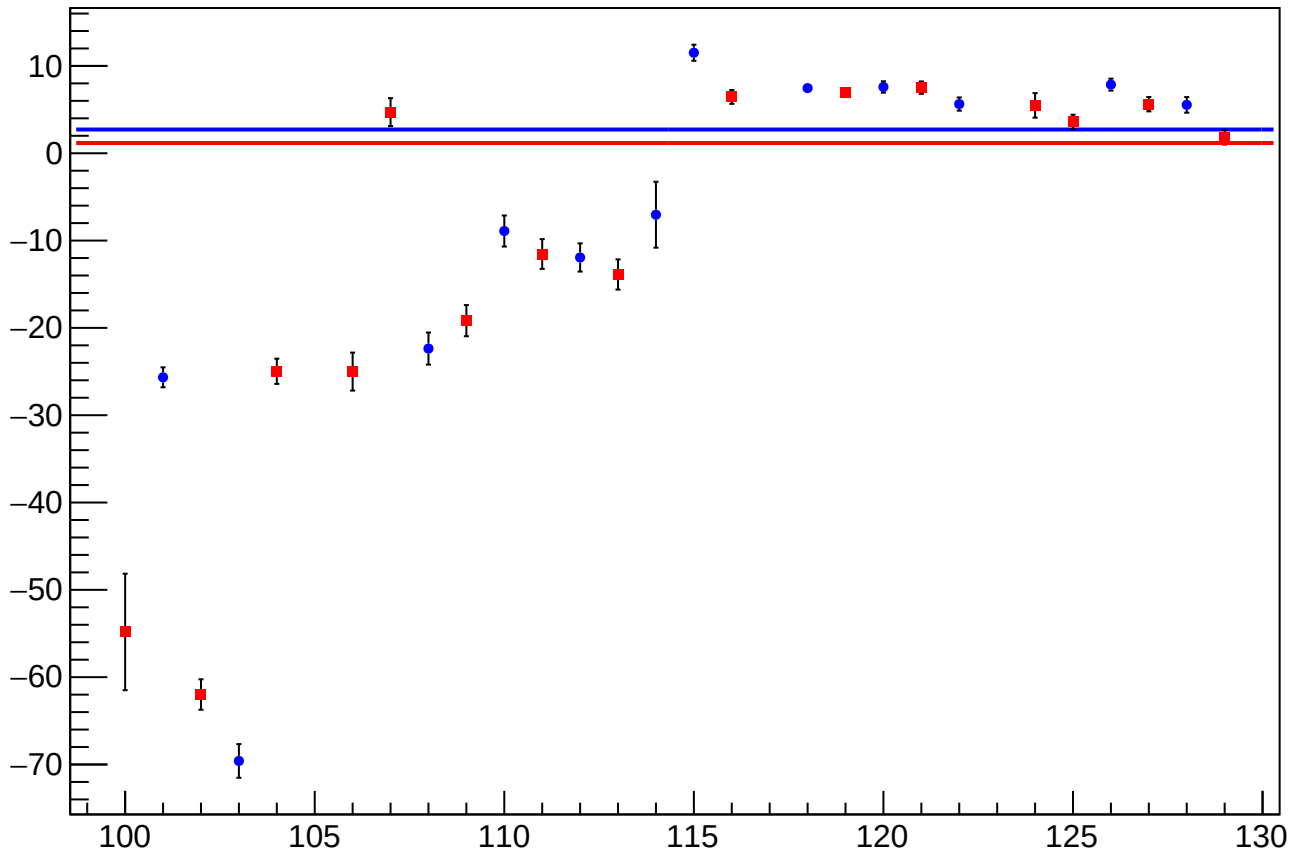
Right: -3.637 ± 0.183 $\chi^2/\text{NDF}: 510.2/26$

In: -3.935 ± 0.274 $\chi^2/\text{NDF}: 92.6/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -3.637 ± 0.183 $\chi^2/\text{NDF}: 510.2/26$

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.719+/-0.264 χ^2/NDF : 2649.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.174+/-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

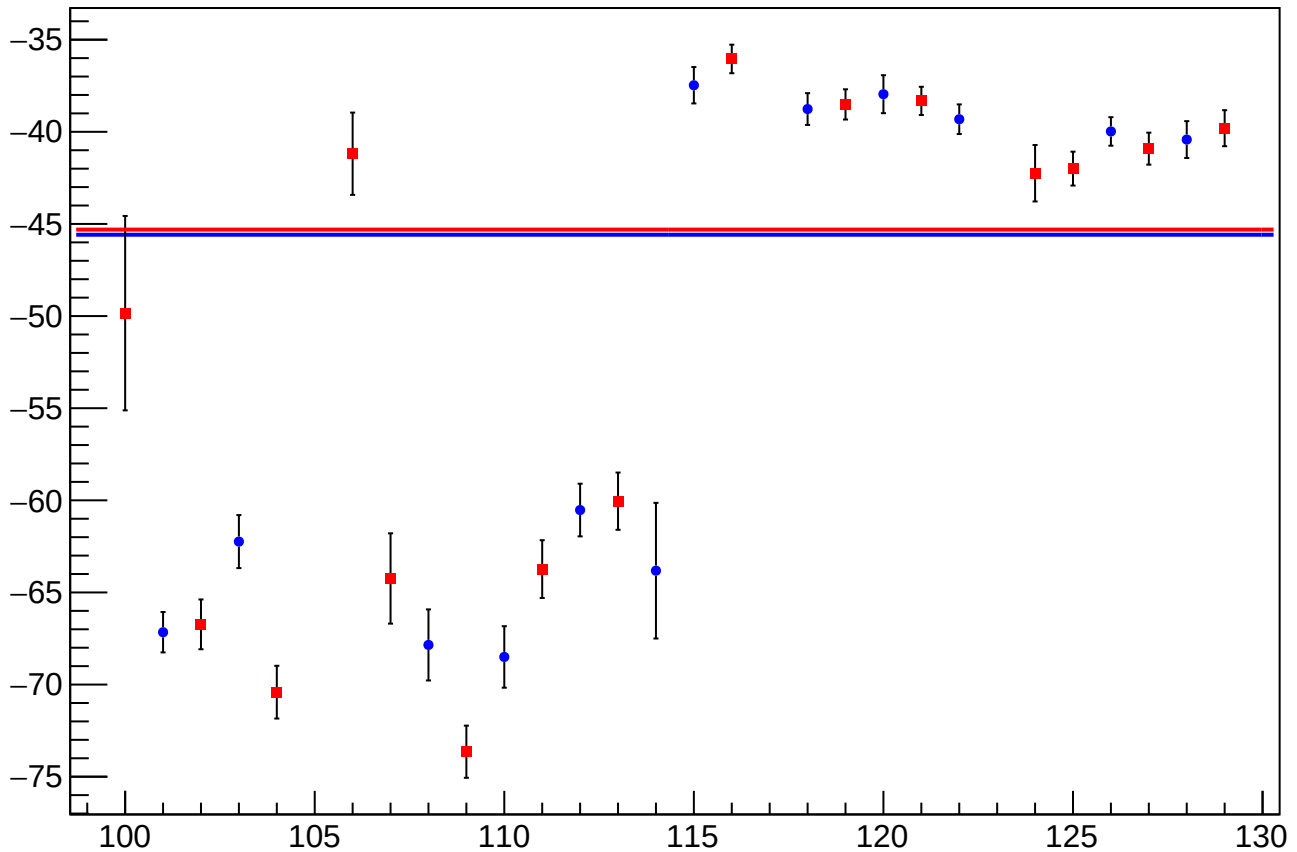
Right: 1.947+/-0.186 χ^2/NDF : 5075.1/26

In: 2.719+/-0.264 χ^2/NDF :2649.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.947+/-0.186 χ^2/NDF : 5075.1/26

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.585+/-0.316 χ^2/NDF : 1301.9/11

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

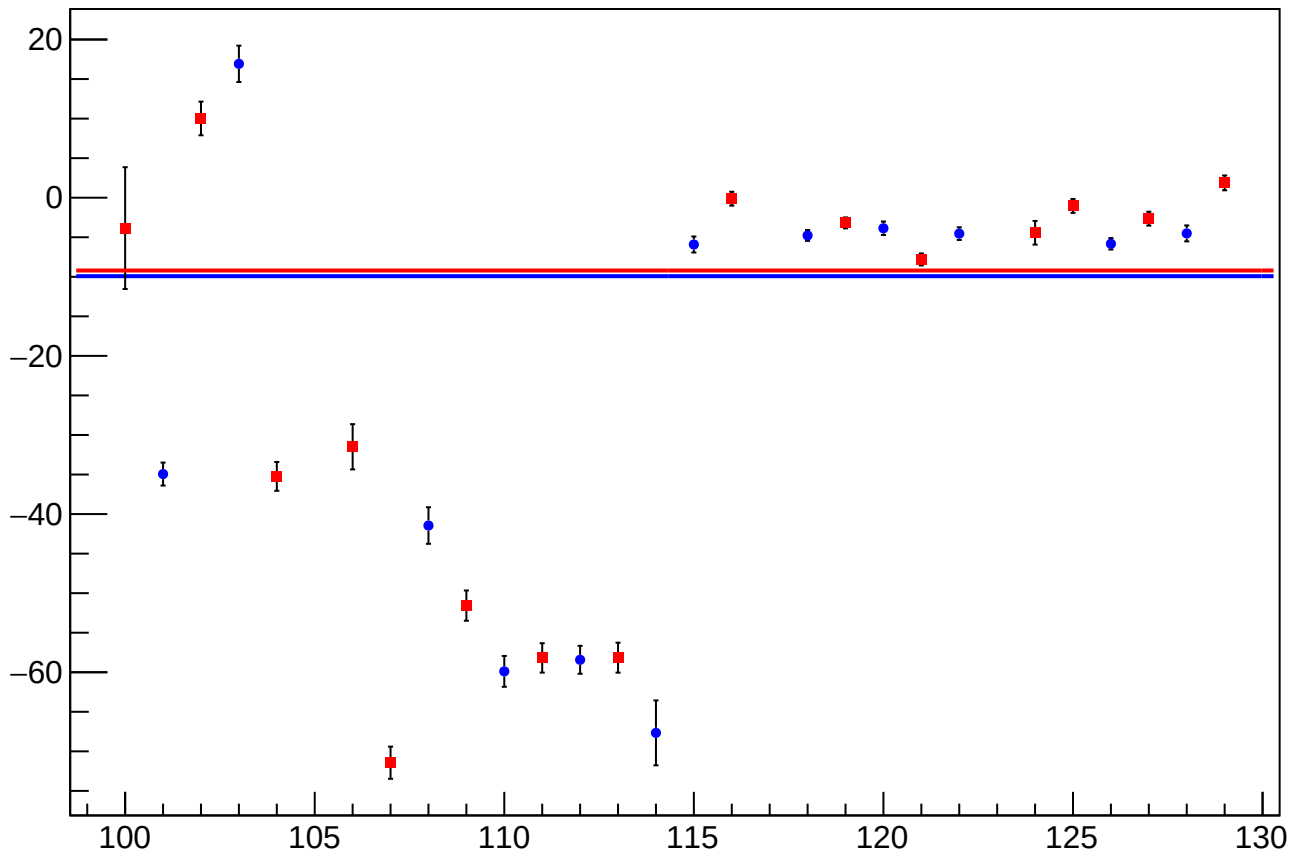
Right: -45.436+/-0.215 χ^2/NDF : 2922.9/26

In: -45.585+/-0.316 χ^2/NDF : 1301.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -45.436+/-0.215 χ^2/NDF : 2922.9/26

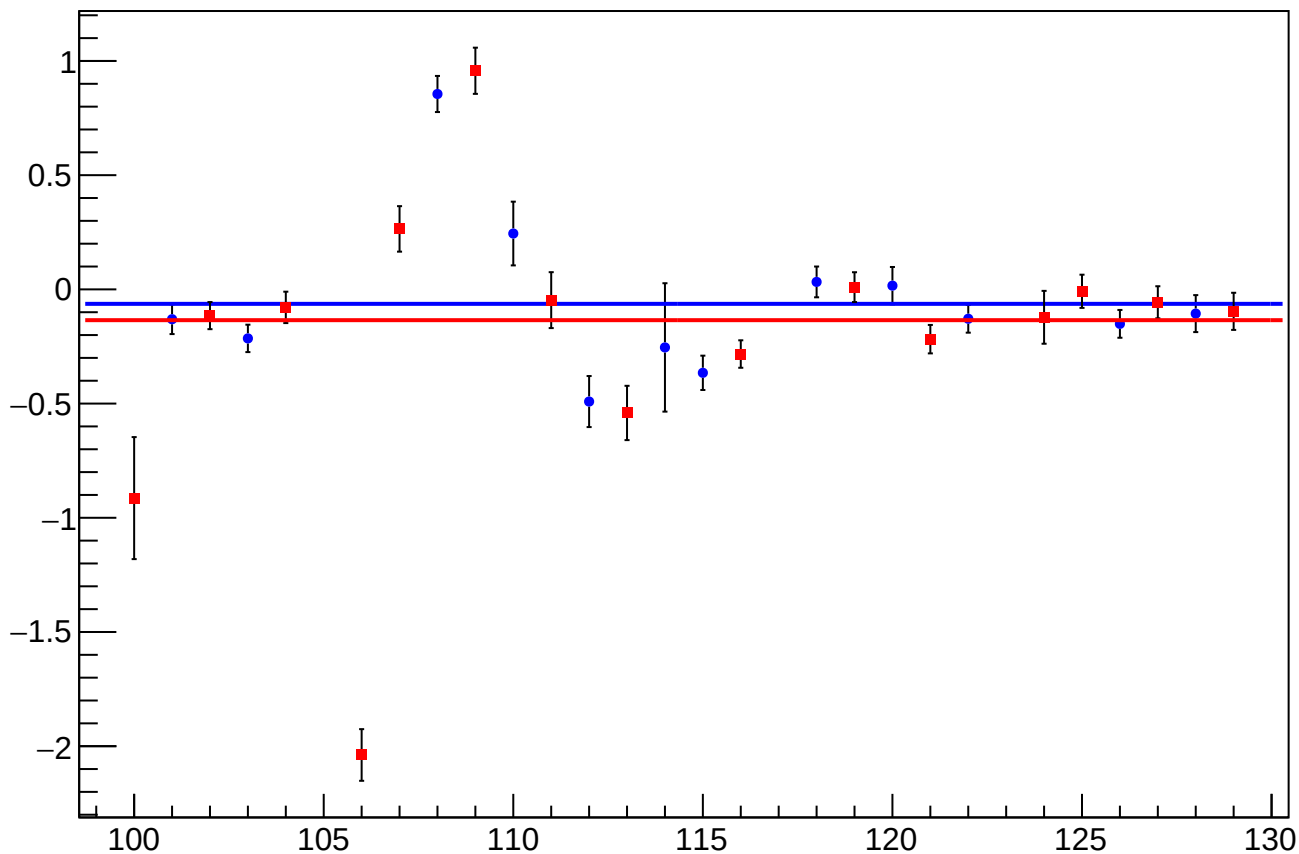
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -9.923+/-0.310 χ^2/NDF : 2456.3/11
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -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: -9.553+/-0.216 χ^2/NDF : 6074.6/26
 In: -9.923+/-0.310 χ^2/NDF :2456.3/11
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -9.553+/-0.216 χ^2/NDF : 6074.6/26

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.063+/-0.022 χ^2/NDF : 185.1/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.135+/-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

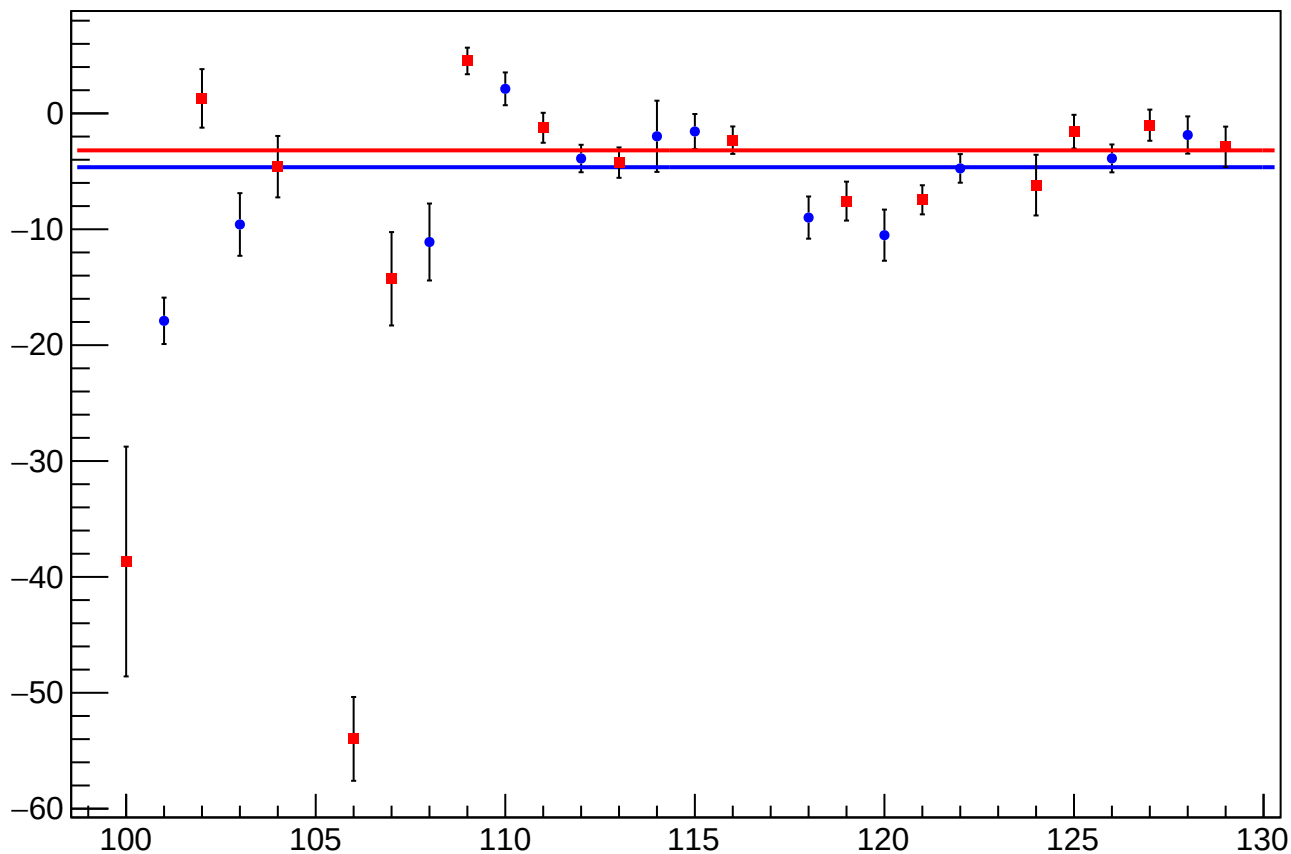
Right: -0.101+/-0.015 χ^2/NDF : 645.5/26

In: -0.063+/-0.022 χ^2/NDF :185.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.101+/-0.015 χ^2/NDF : 645.5/26

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.644 ± 0.473 χ^2/NDF : 95.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.190 ± 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

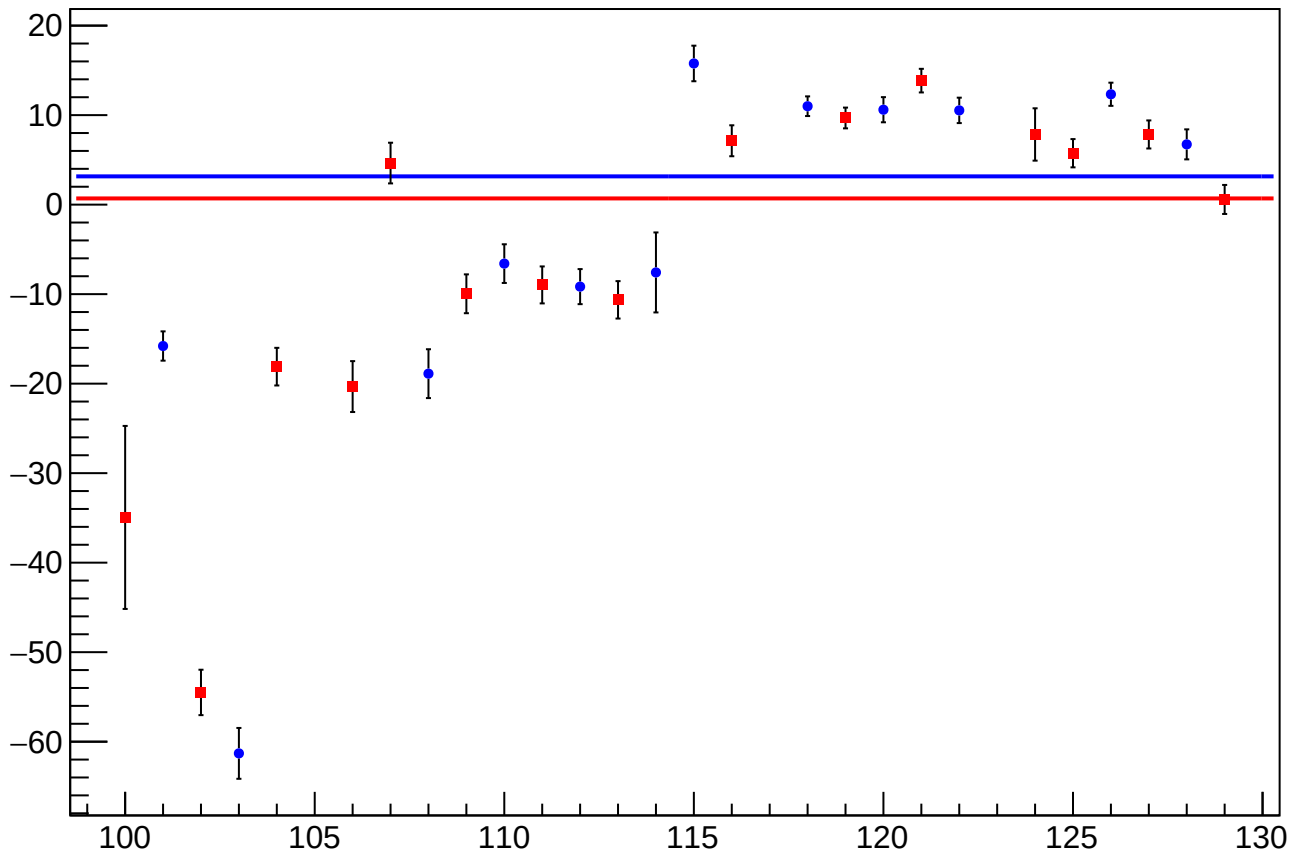
Right: -3.837 ± 0.315 χ^2/NDF : 393.8/26

In: -4.644 ± 0.473 χ^2/NDF : 95.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.837 ± 0.315 χ^2/NDF : 393.8/26

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.158+/-0.488 χ^2/NDF : 981.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.692+/-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

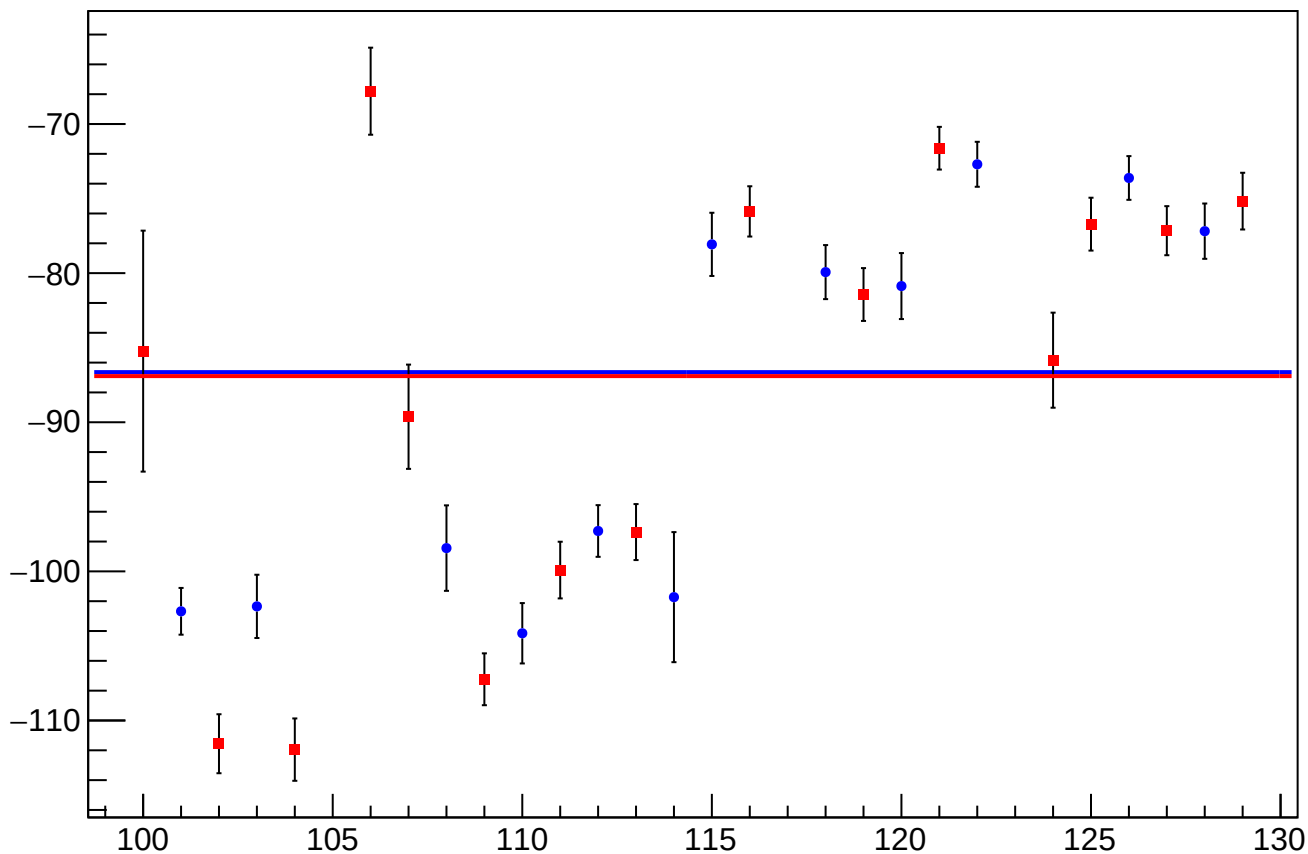
Right: 1.904+/-0.342 χ^2/NDF : 1903.2/26

In: 3.158+/-0.488 χ^2/NDF : 981.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.904+/-0.342 χ^2/NDF : 1903.2/26

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -86.638 $\pm$ 0.550 χ^2 /NDF: 528.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -86.905 $\pm$ 0.512 χ^2 /NDF: 829.7/14

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

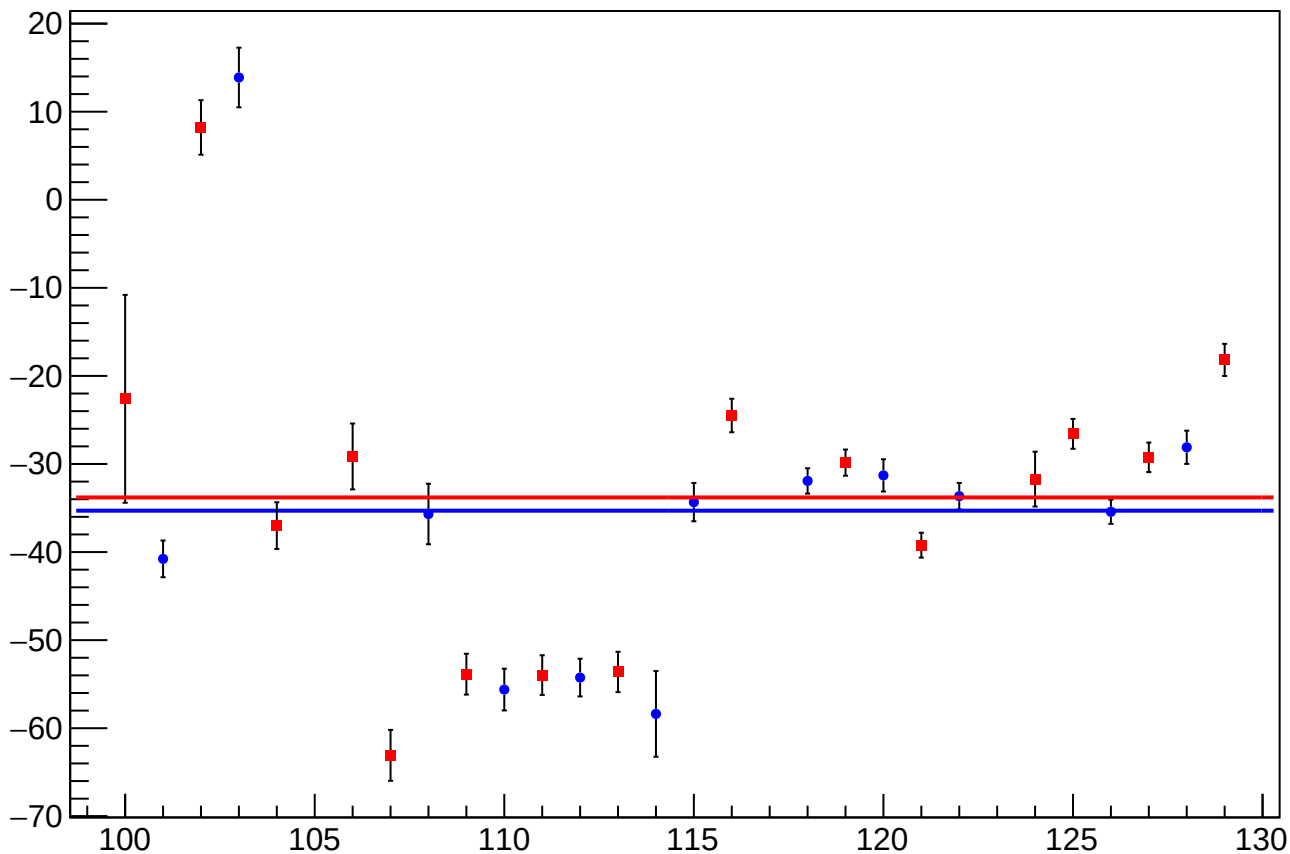
Right: -86.781 $\pm$ 0.375 χ^2 /NDF: 1358.0/26

In: -86.638 $\pm$ 0.550 χ^2 /NDF:528.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -86.781 $\pm$ 0.375 χ^2 /NDF: 1358.0/26

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -35.301 $\pm$ 0.569 χ^2 /NDF: 418.6/11

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

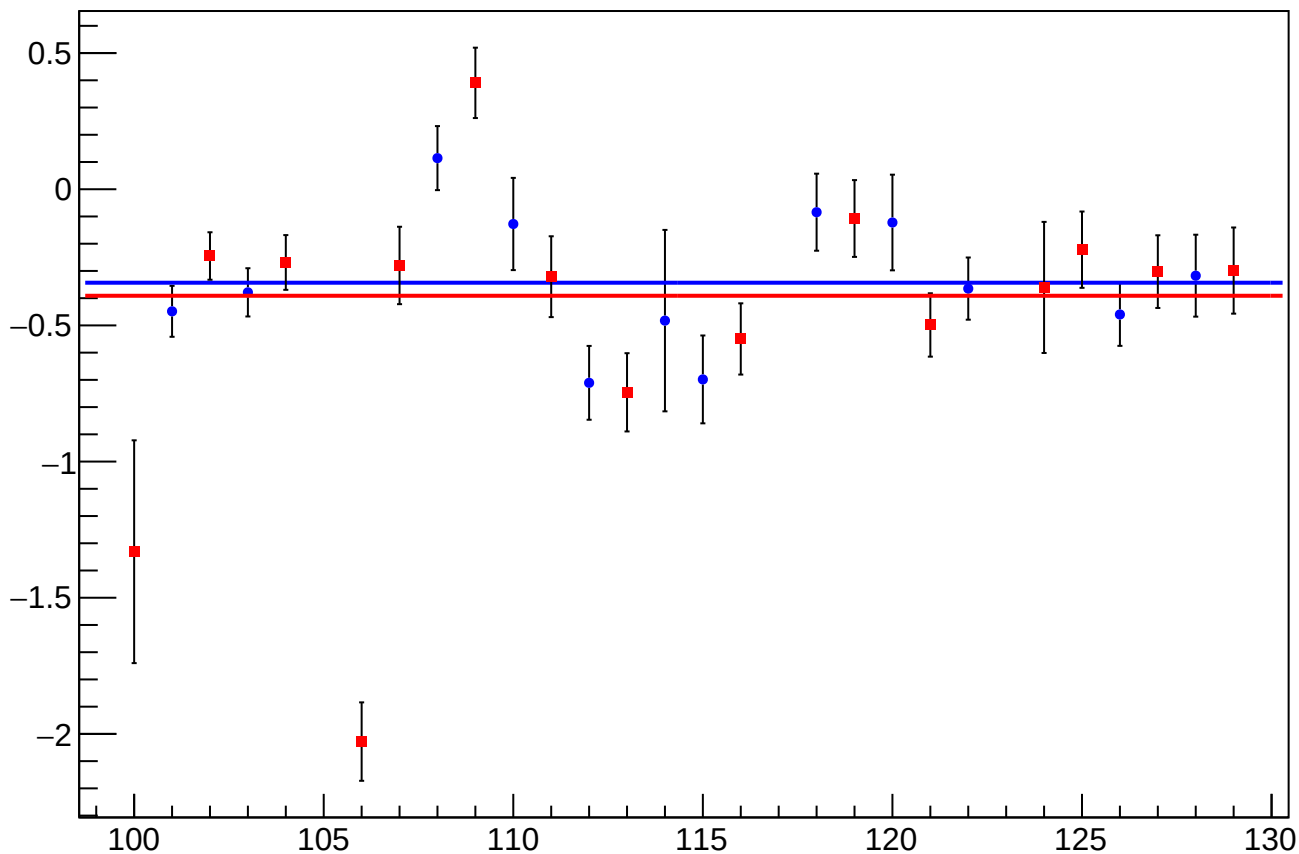
Right: -34.519 $\pm$ 0.394 χ^2 /NDF: 1087.5/26

In: -35.301 $\pm$ 0.569 χ^2 /NDF:418.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -34.519 $\pm$ 0.394 χ^2 /NDF: 1087.5/26

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.343 ± 0.037 χ^2/NDF : 36.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.391 ± 0.035 χ^2/NDF : 191.0/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

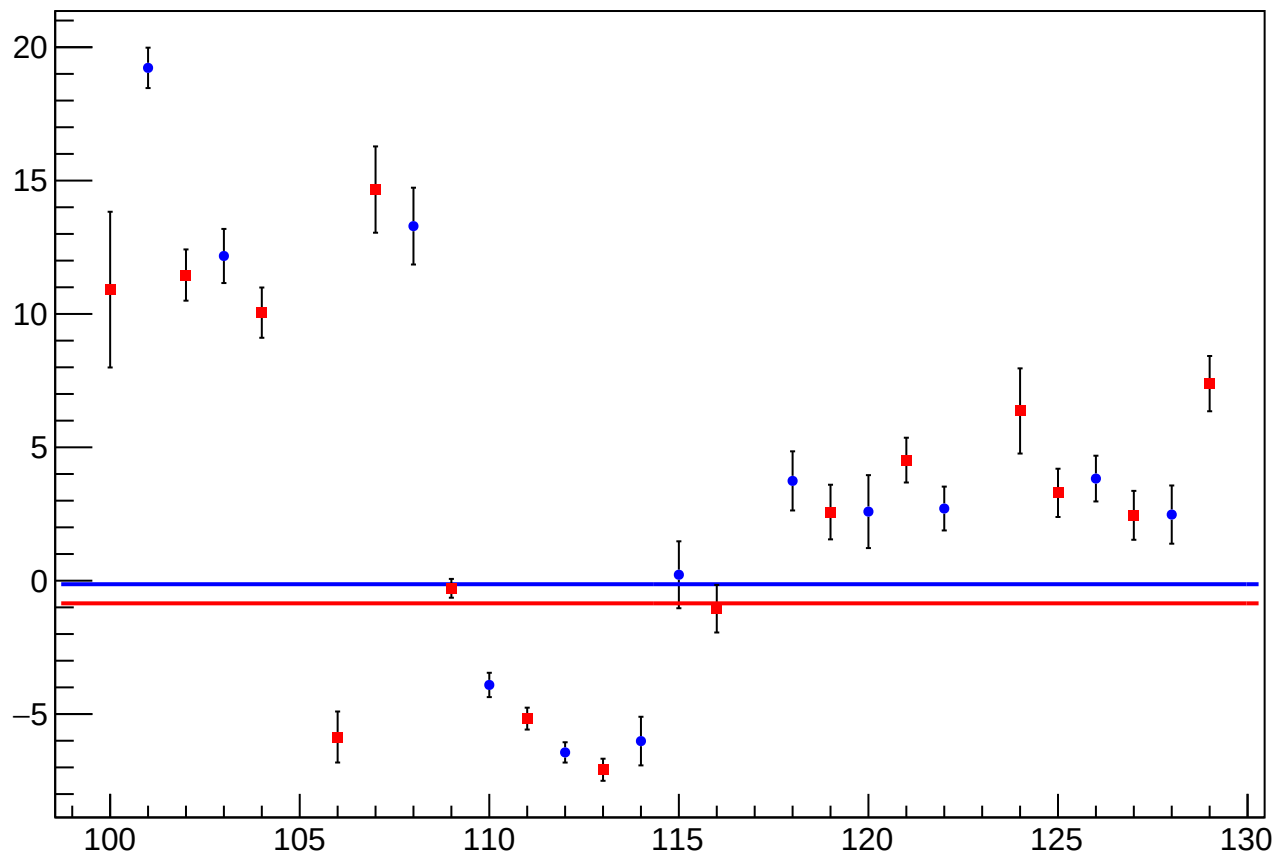
Right: -0.369 ± 0.025 χ^2/NDF : 228.4/26

In: -0.343 ± 0.037 χ^2/NDF : 36.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.369 ± 0.025 χ^2/NDF : 228.4/26

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.132+/-0.214 χ^2 /NDF: 1327.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -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

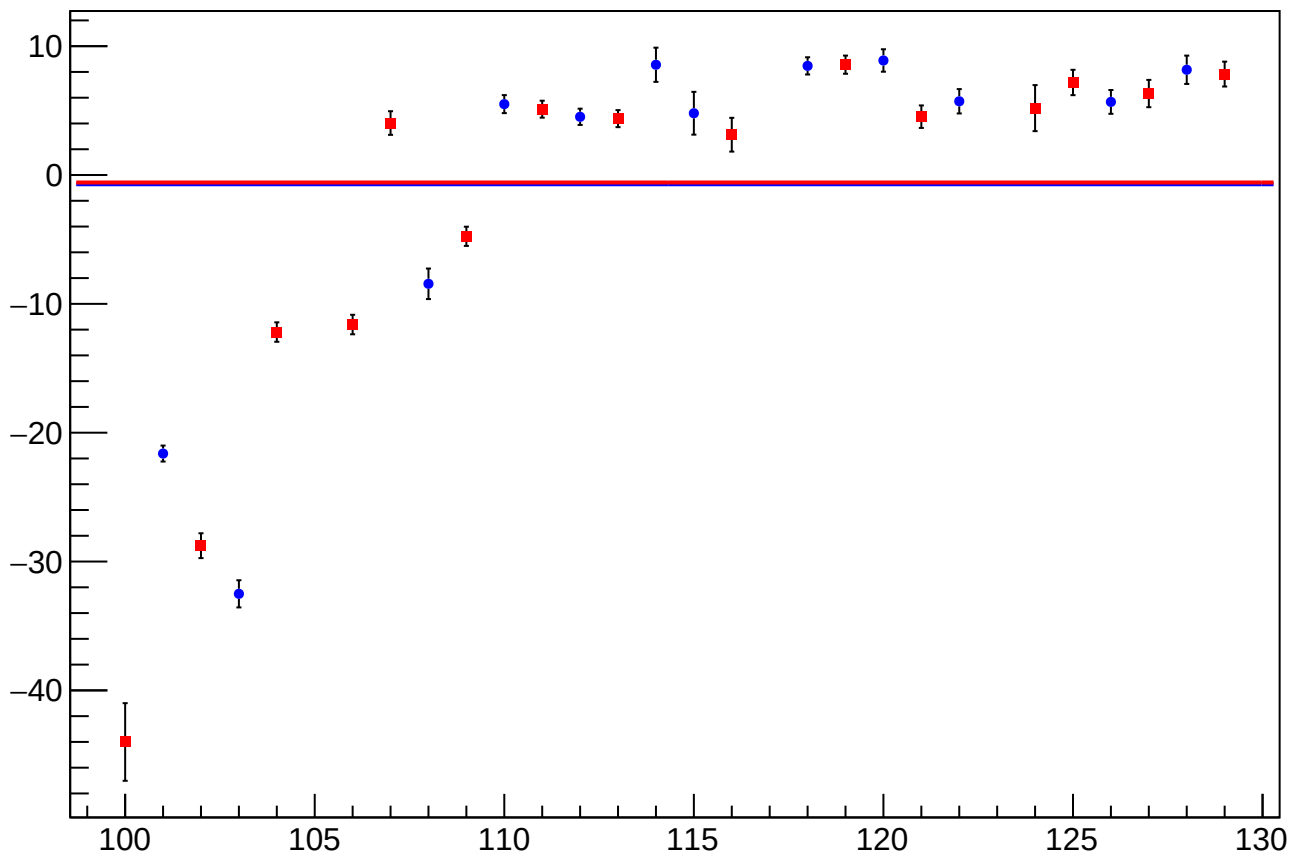
Right: -0.553+/-0.138 χ^2 /NDF: 2277.9/26

In: -0.132+/-0.214 χ^2 /NDF:1327.4/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.553+/-0.138 χ^2 /NDF: 2277.9/26

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.717 ± 0.247 χ^2/NDF : 2762.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

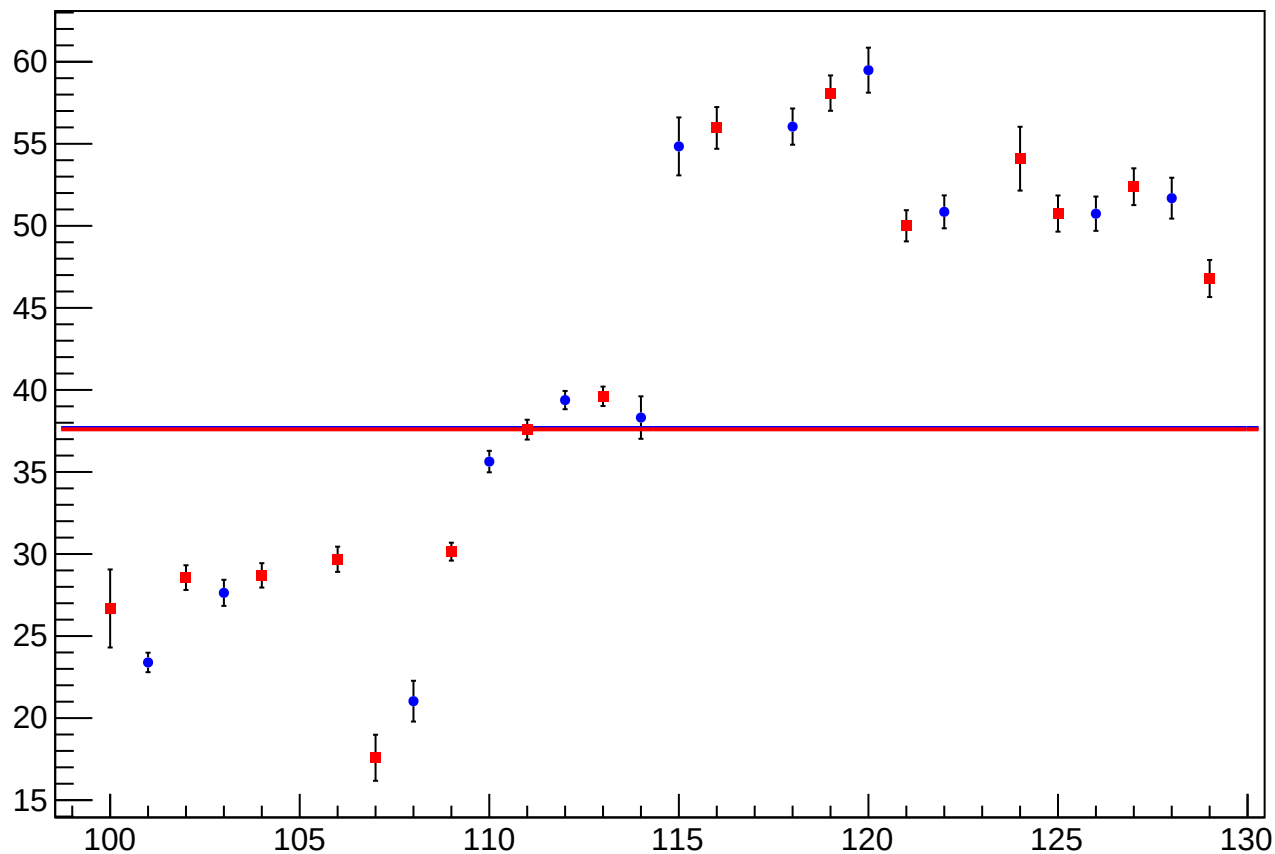
Right: -0.642 ± 0.167 χ^2/NDF : 4863.1/26

In: -0.717 ± 0.247 χ^2/NDF : 2762.8/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.642 ± 0.167 χ^2/NDF : 4863.1/26

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 37.681+/-0.254 χ^2/NDF : 2018.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.599+/-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

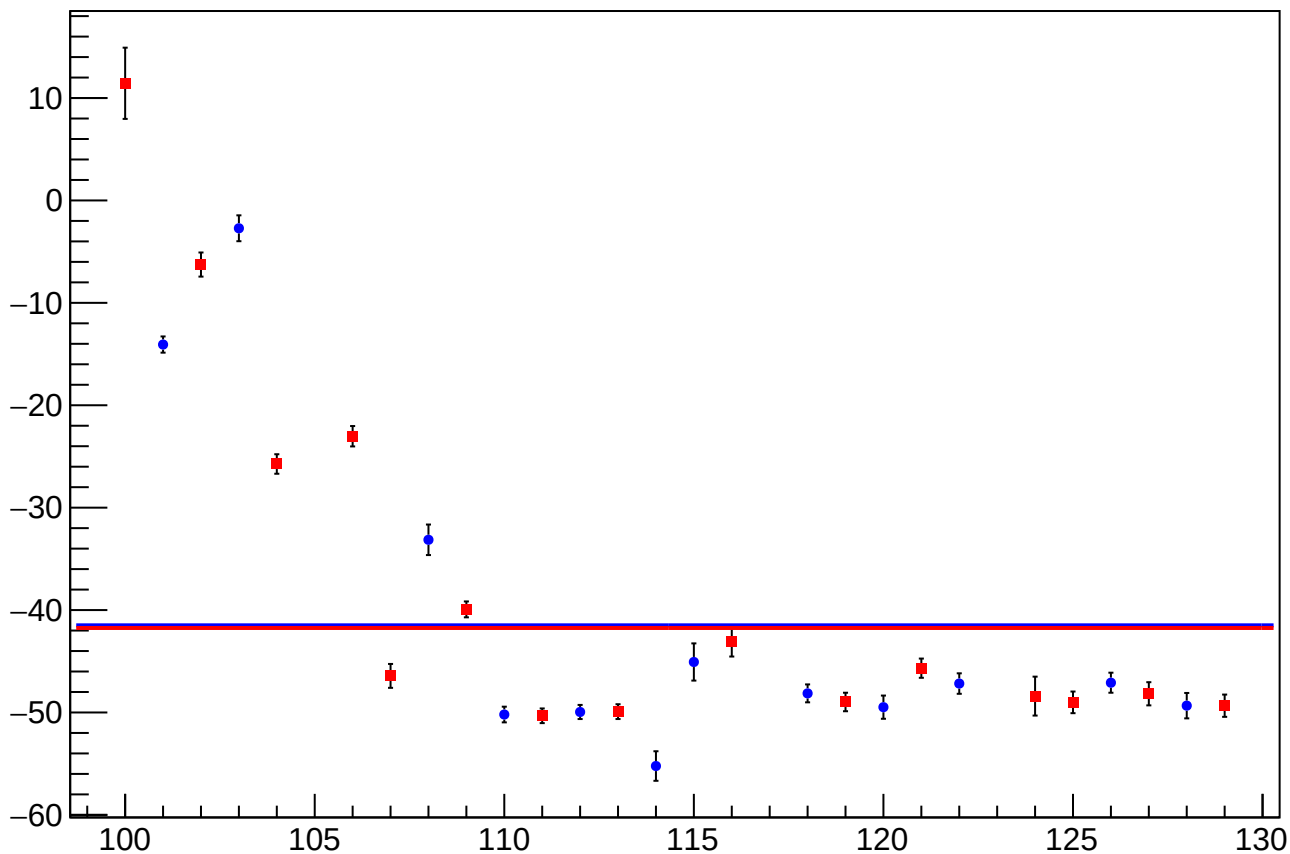
Right: 37.635+/-0.168 χ^2/NDF : 4028.9/26

In: 37.681+/-0.254 χ^2/NDF : 2018.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.635+/-0.168 χ^2/NDF : 4028.9/26

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -41.491+/-0.288 χ^2/NDF : 2762.1/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -41.749+/-0.260 χ^2/NDF : 2294.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

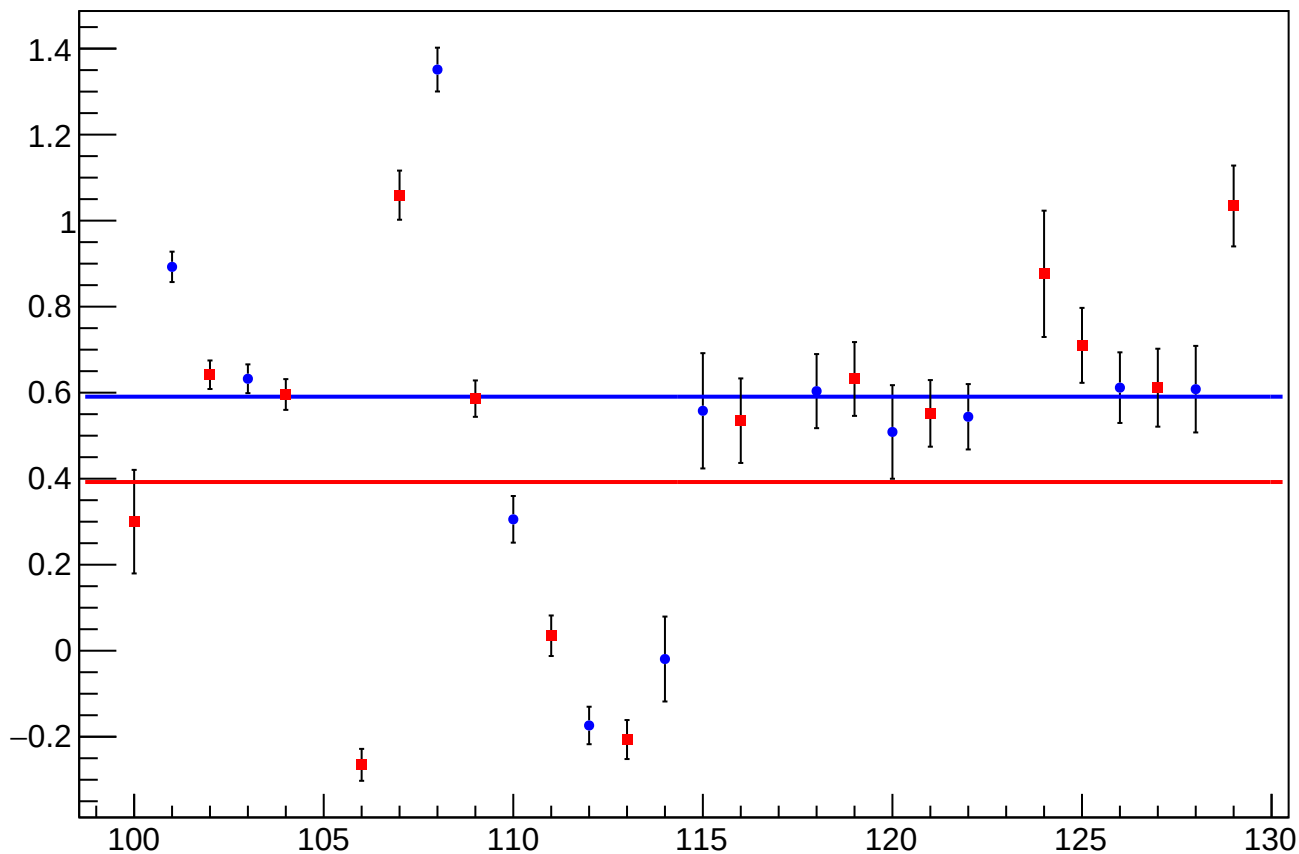
Right: -41.633+/-0.193 χ^2/NDF : 5056.5/26

In: -41.491+/-0.288 χ^2/NDF :2762.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -41.633+/-0.193 χ^2/NDF : 5056.5/26

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.591+/-0.016 χ^2/NDF : 672.2/11

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

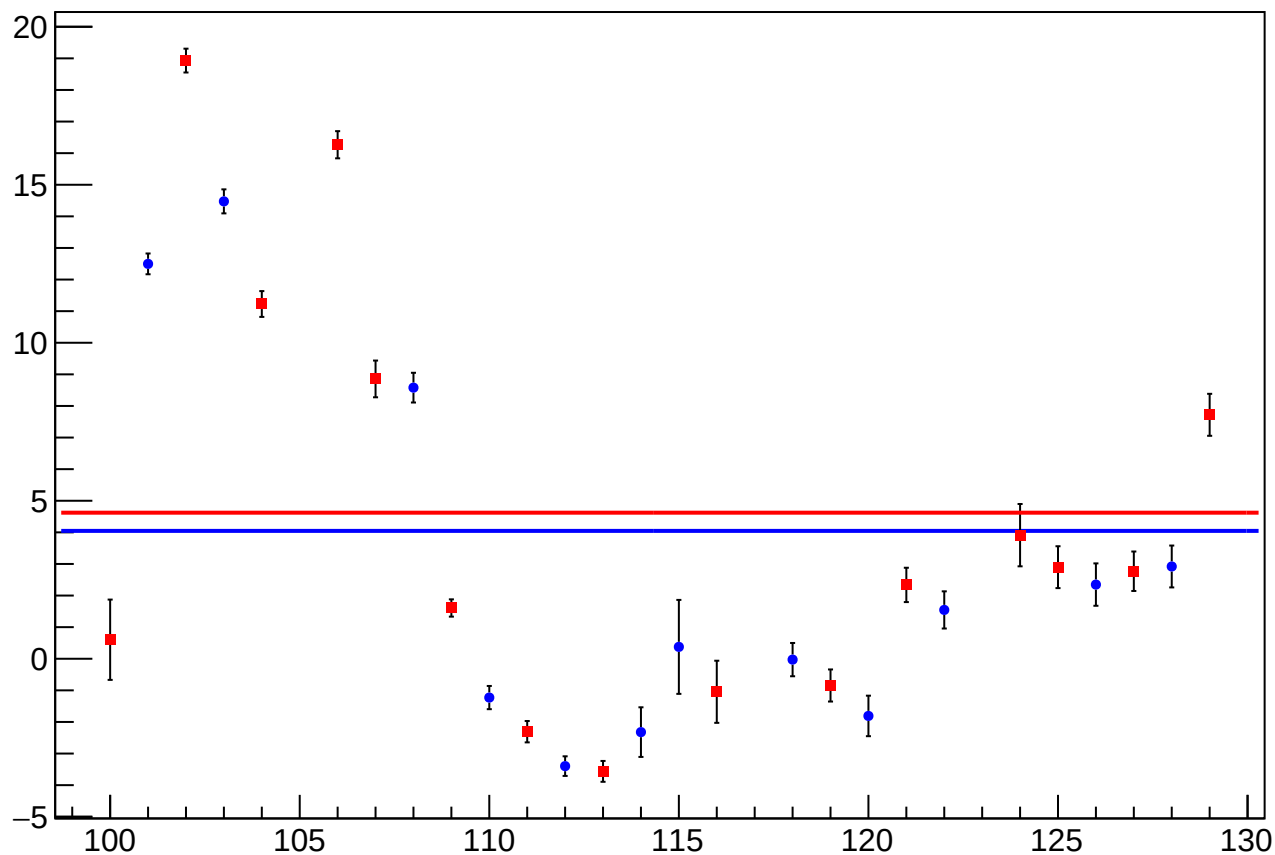
Right: 0.476+/-0.011 χ^2/NDF : 1640.7/26

In: 0.591+/-0.016 χ^2/NDF : 672.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.476+/-0.011 χ^2/NDF : 1640.7/26

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 4.046+/-0.136 χ^2/NDF : 2531.5/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 4.623+/-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

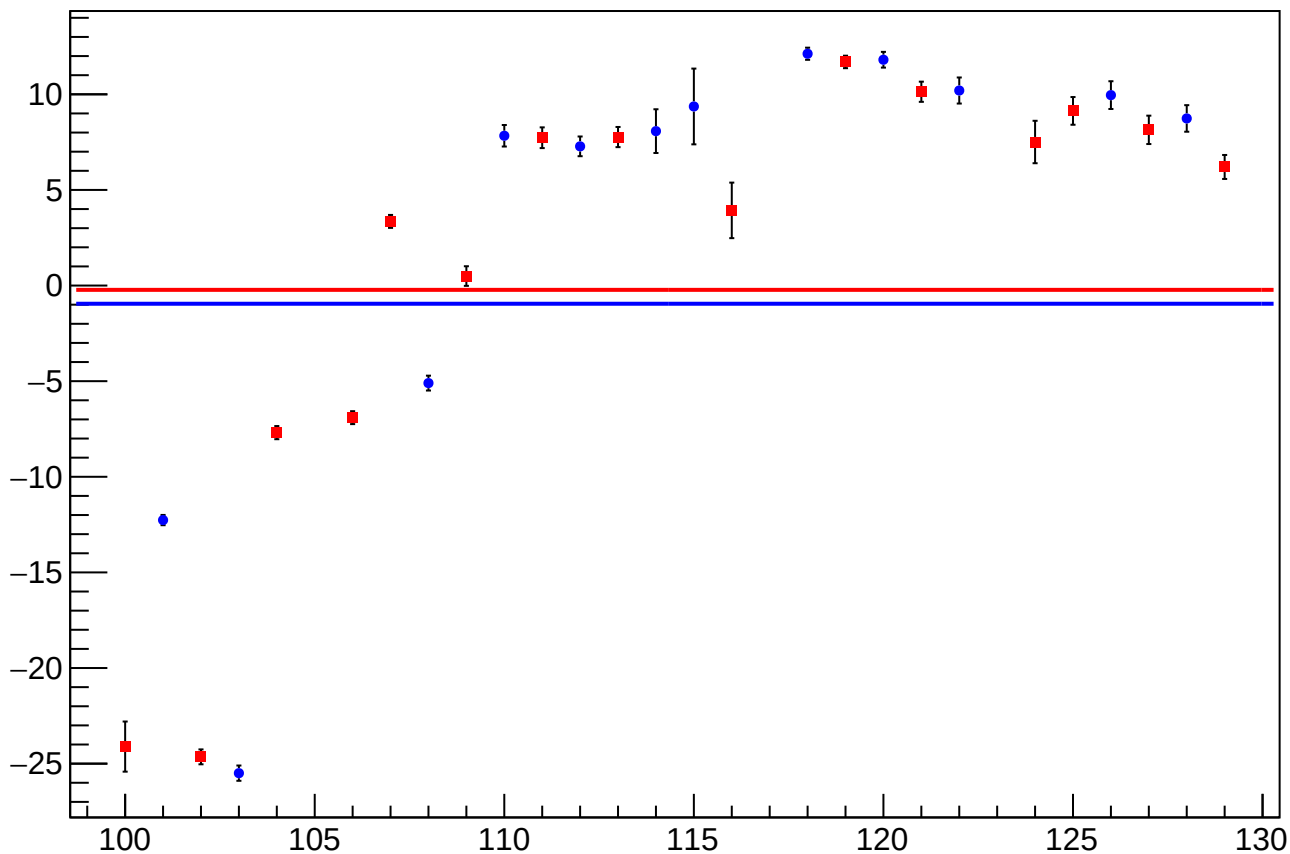
Right: 4.371+/-0.090 χ^2/NDF : 6402.4/26

In: 4.046+/-0.136 χ^2/NDF :2531.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4.371+/-0.090 χ^2/NDF : 6402.4/26

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.951+/-0.133 χ^2/NDF : 9596.5/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.225+/-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

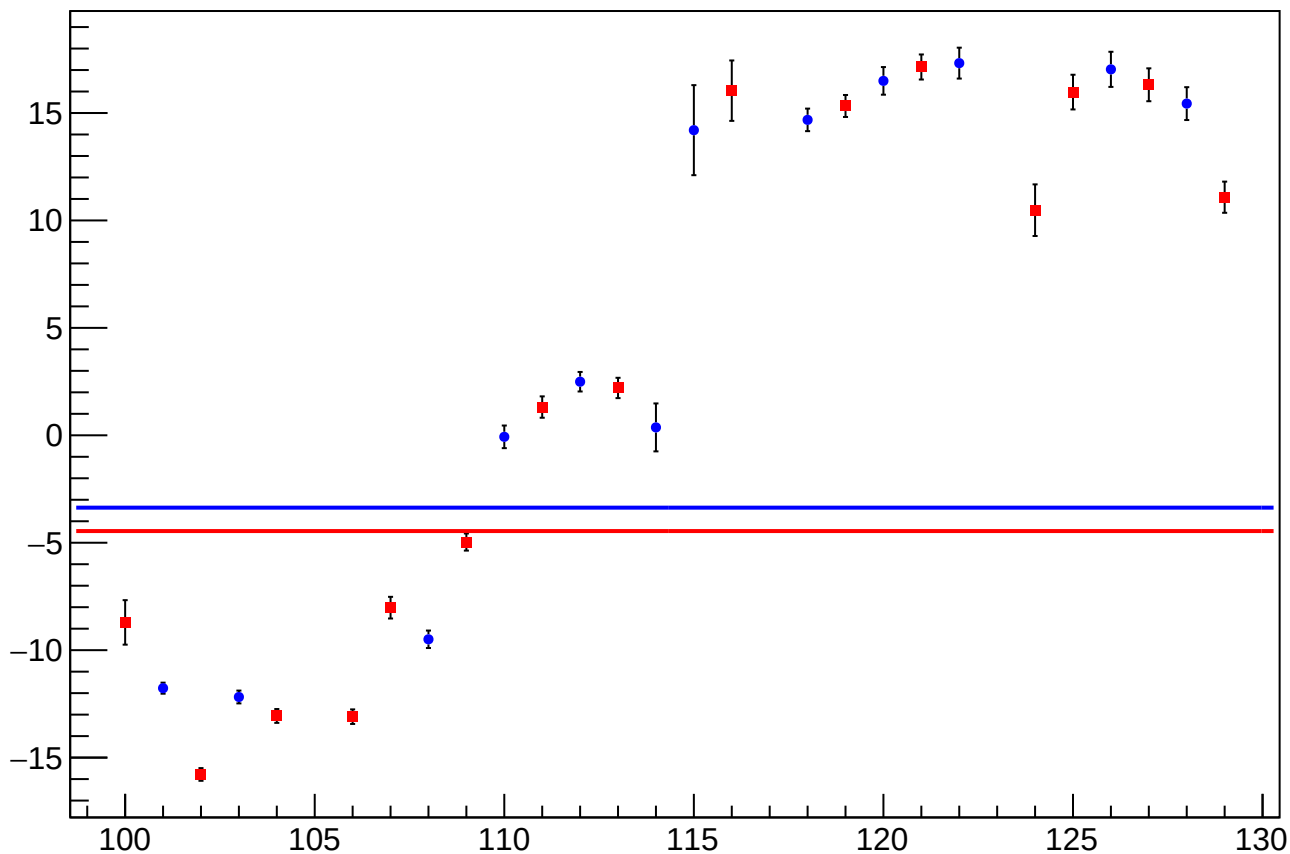
Right: -0.565+/-0.091 χ^2/NDF : 17467.6/26

In: -0.951+/-0.133 χ^2/NDF :9596.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.565+/-0.091 χ^2/NDF : 17467.6/26

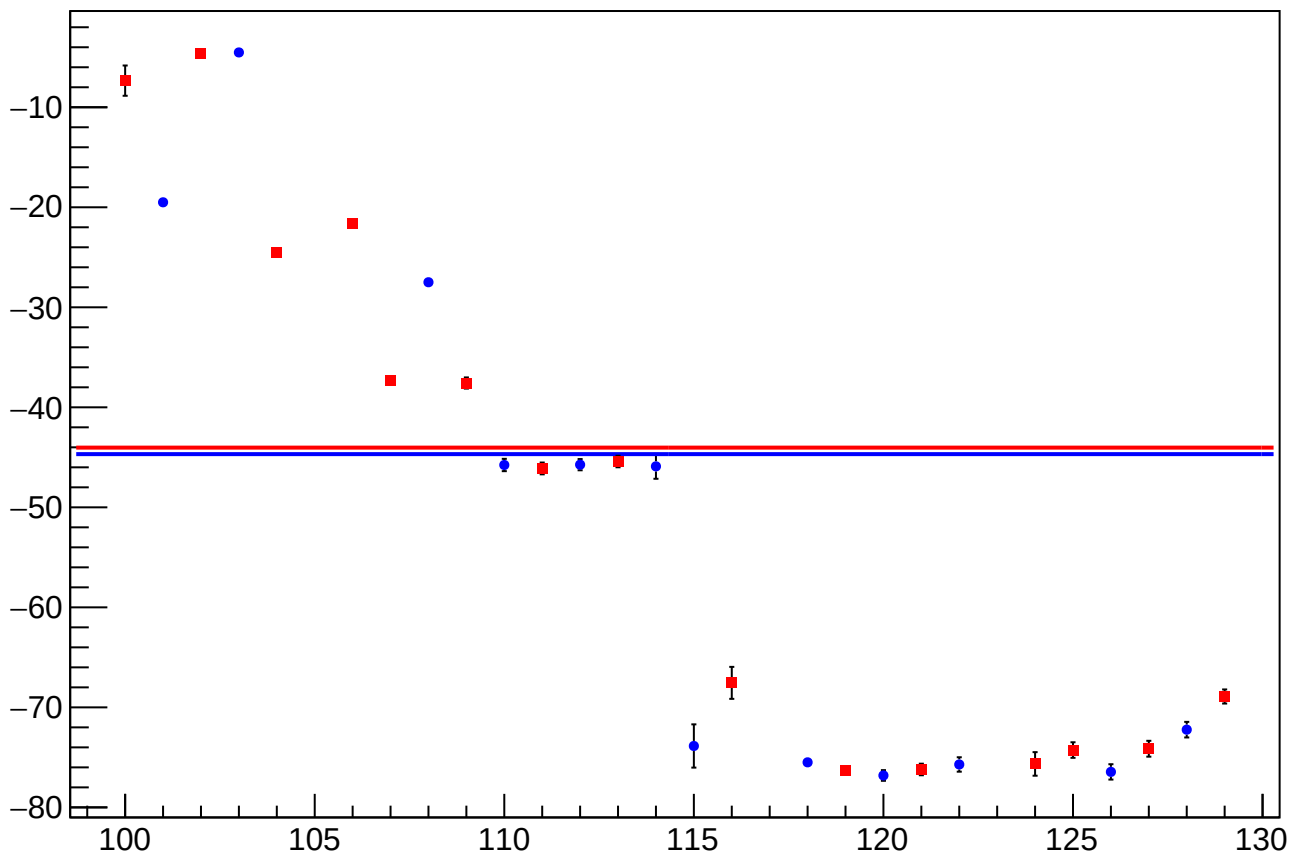
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -3.367+/-0.137 χ^2 /NDF: 6650.0/11
 Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 Right Out: -4.457+/-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: -3.956+/-0.093 χ^2 /NDF: 14989.4/26
 In: -3.367+/-0.137 χ^2 /NDF:6650.0/11
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: -3.956+/-0.093 χ^2 /NDF: 14989.4/26

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -44.681+/-0.161 χ^2/NDF : 27913.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -44.029+/-0.149 χ^2/NDF : 26723.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

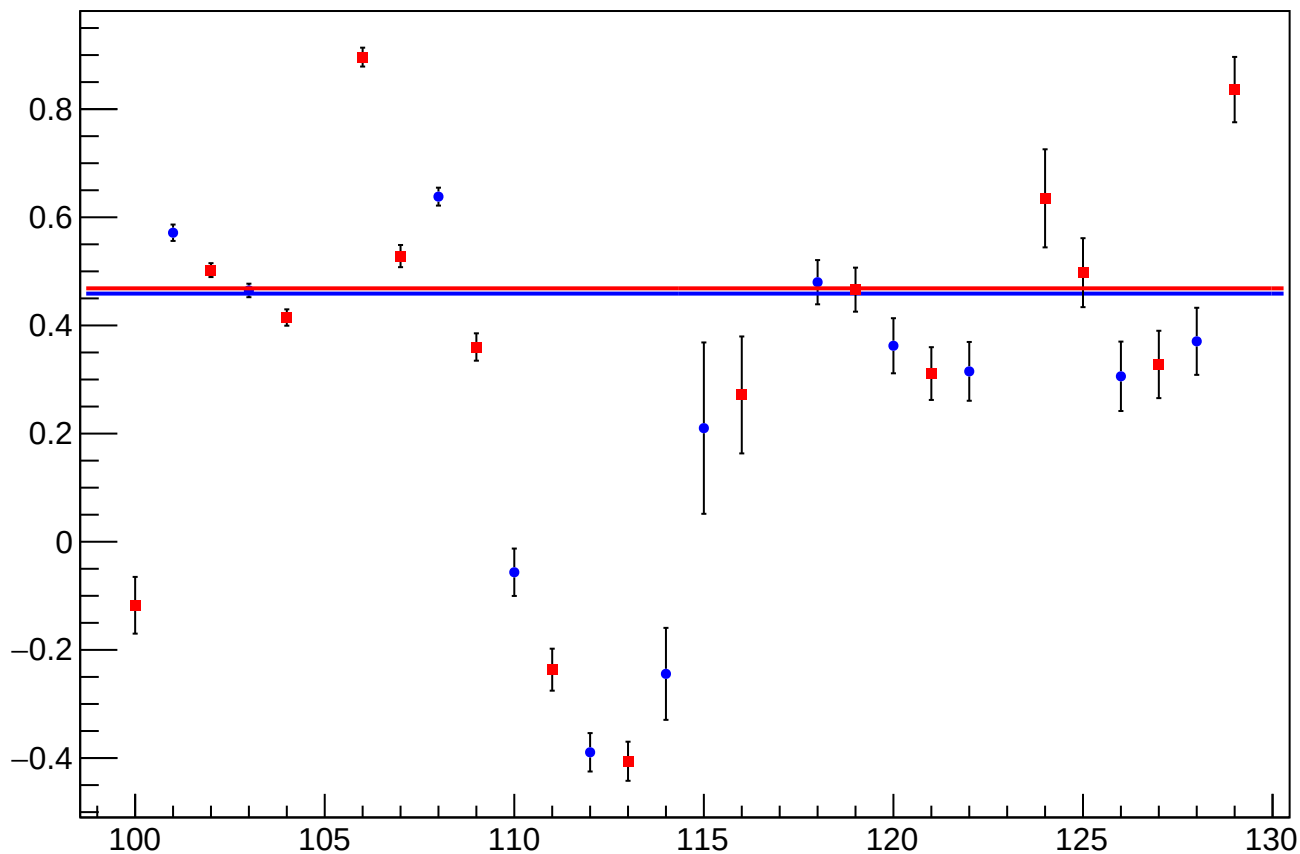
Right: -44.330+/-0.110 χ^2/NDF : 54646.1/26

In: -44.681+/-0.161 χ^2/NDF :27913.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -44.330+/-0.110 χ^2/NDF : 54646.1/26

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.459 $\pm$ 0.008 χ^2 /NDF: 970.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.469 $\pm$ 0.007 χ^2 /NDF: 1745.5/14

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

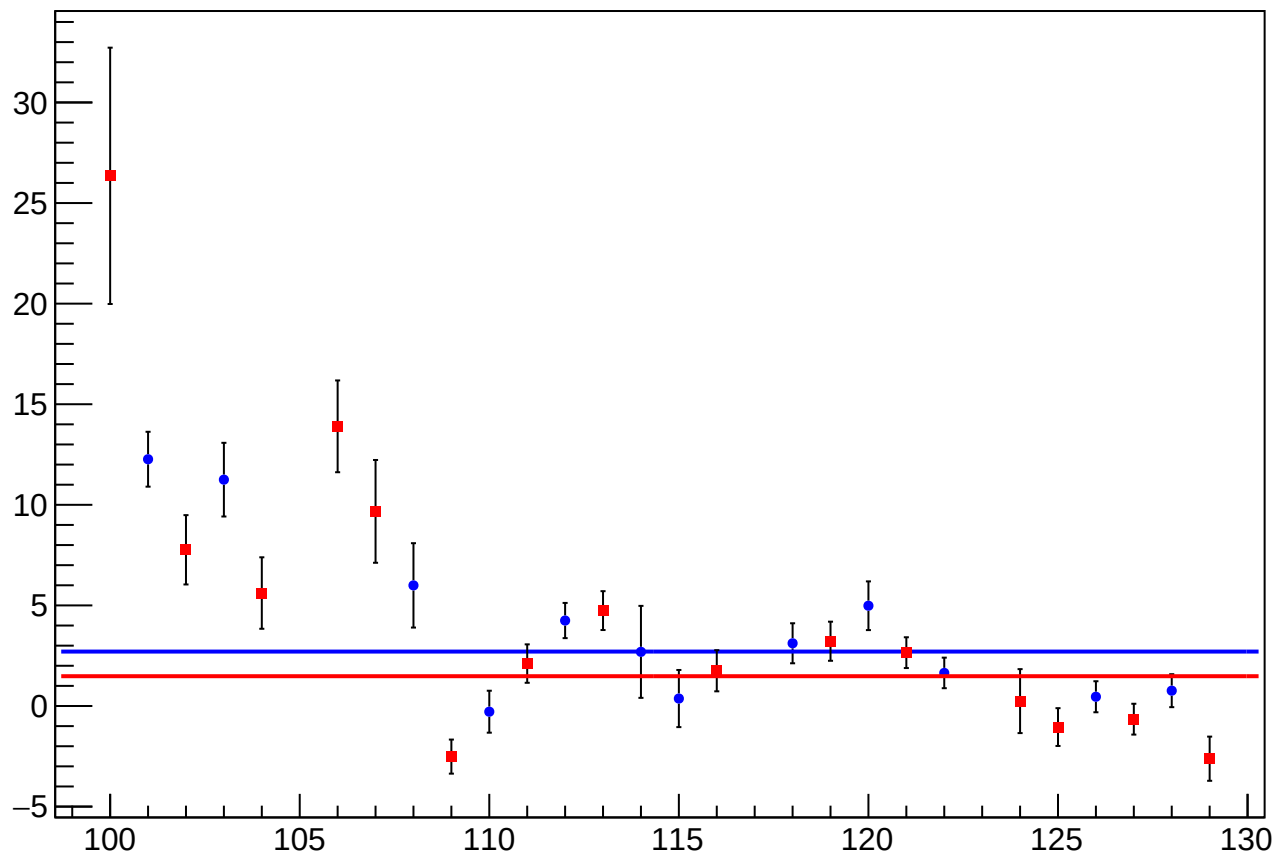
Right: 0.464 $\pm$ 0.005 χ^2 /NDF: 2716.9/26

In: 0.459 $\pm$ 0.008 χ^2 /NDF:970.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.464 $\pm$ 0.005 χ^2 /NDF: 2716.9/26

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 2.706+/-0.308 χ^2/NDF : 107.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.481+/-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

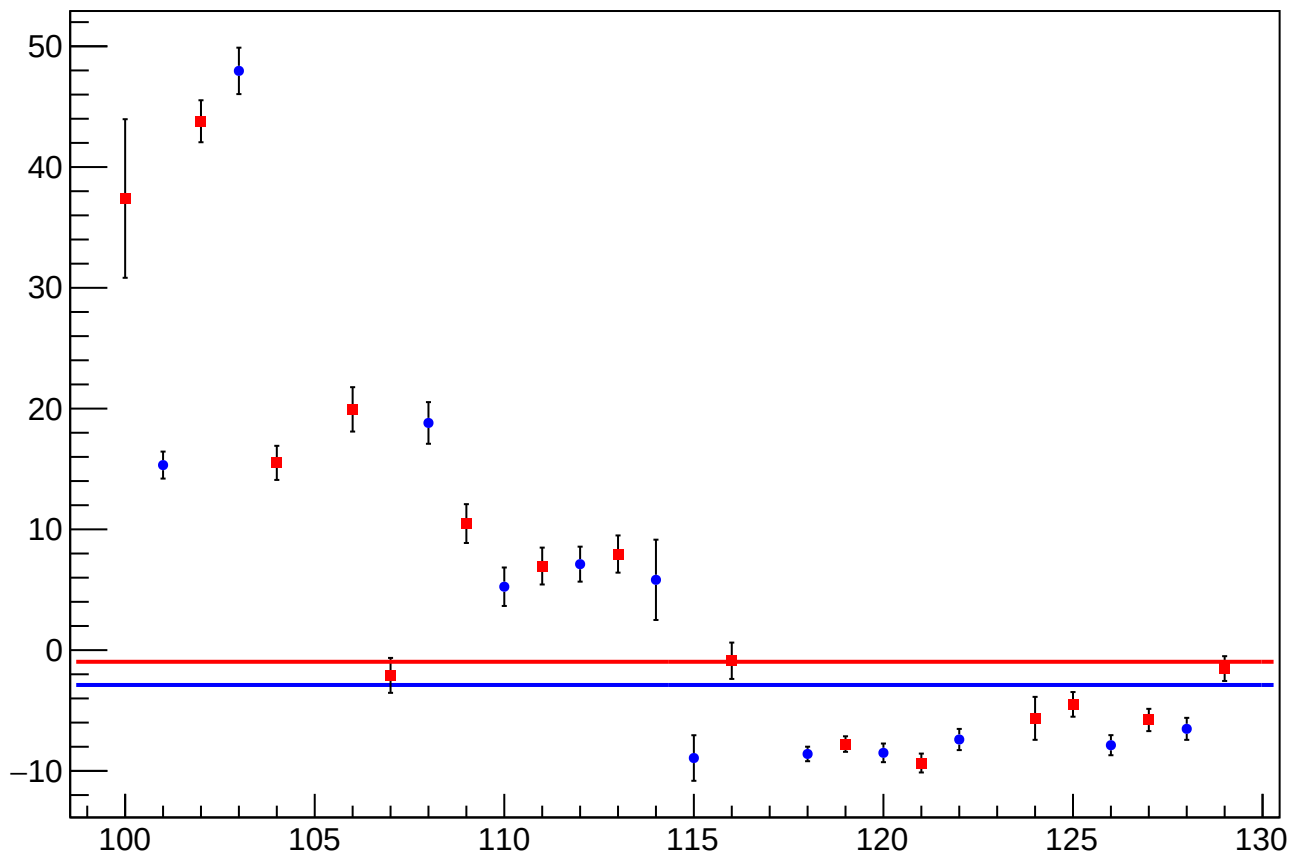
Right: 2.045+/-0.209 χ^2/NDF : 258.9/26

In: 2.706+/-0.308 χ^2/NDF : 107.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.045+/-0.209 χ^2/NDF : 258.9/26

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.884+/-0.301 χ^2/NDF : 1436.2/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.964+/-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

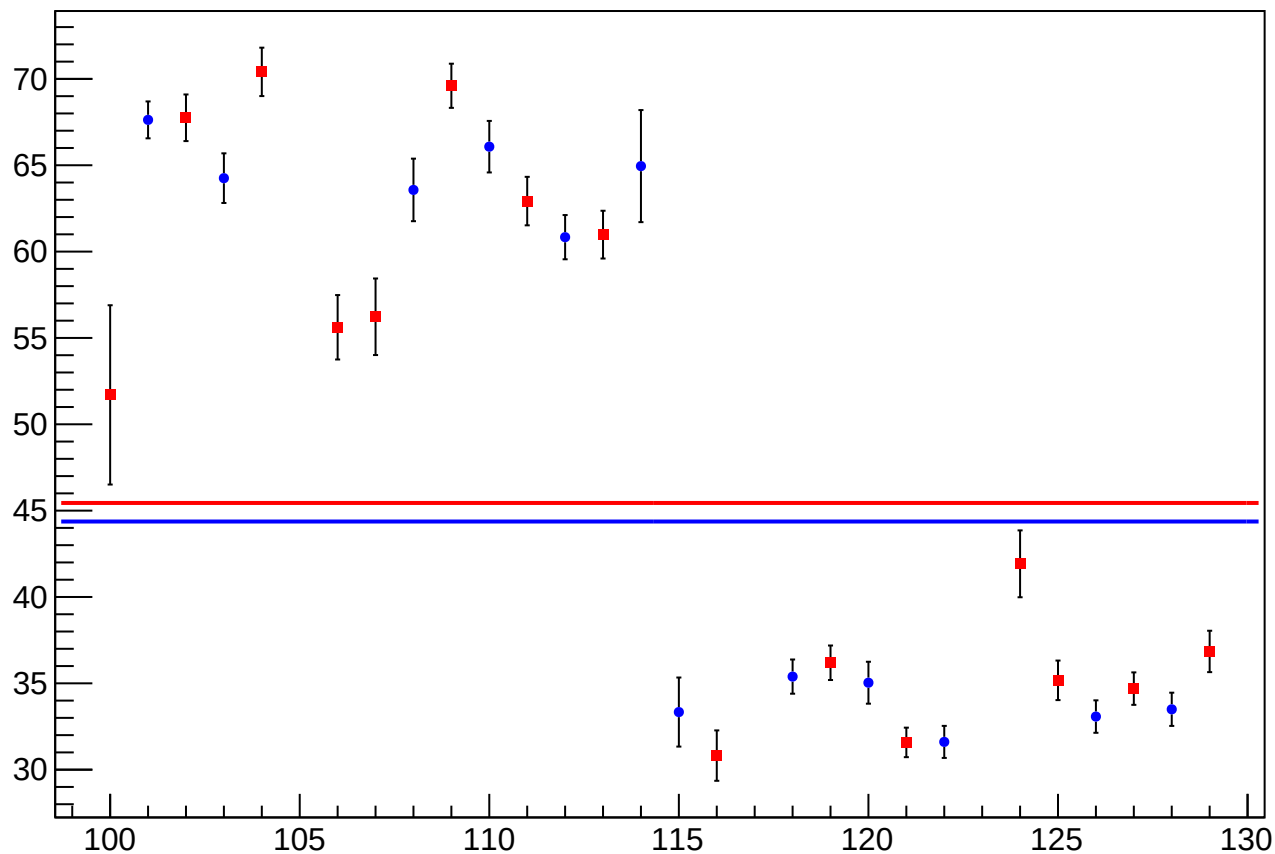
Right: -1.937+/-0.214 χ^2/NDF : 2804.5/26

In: -2.884+/-0.301 χ^2/NDF :1436.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.937+/-0.214 χ^2/NDF : 2804.5/26

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 44.370+/-0.350 χ^2/NDF : 1828.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

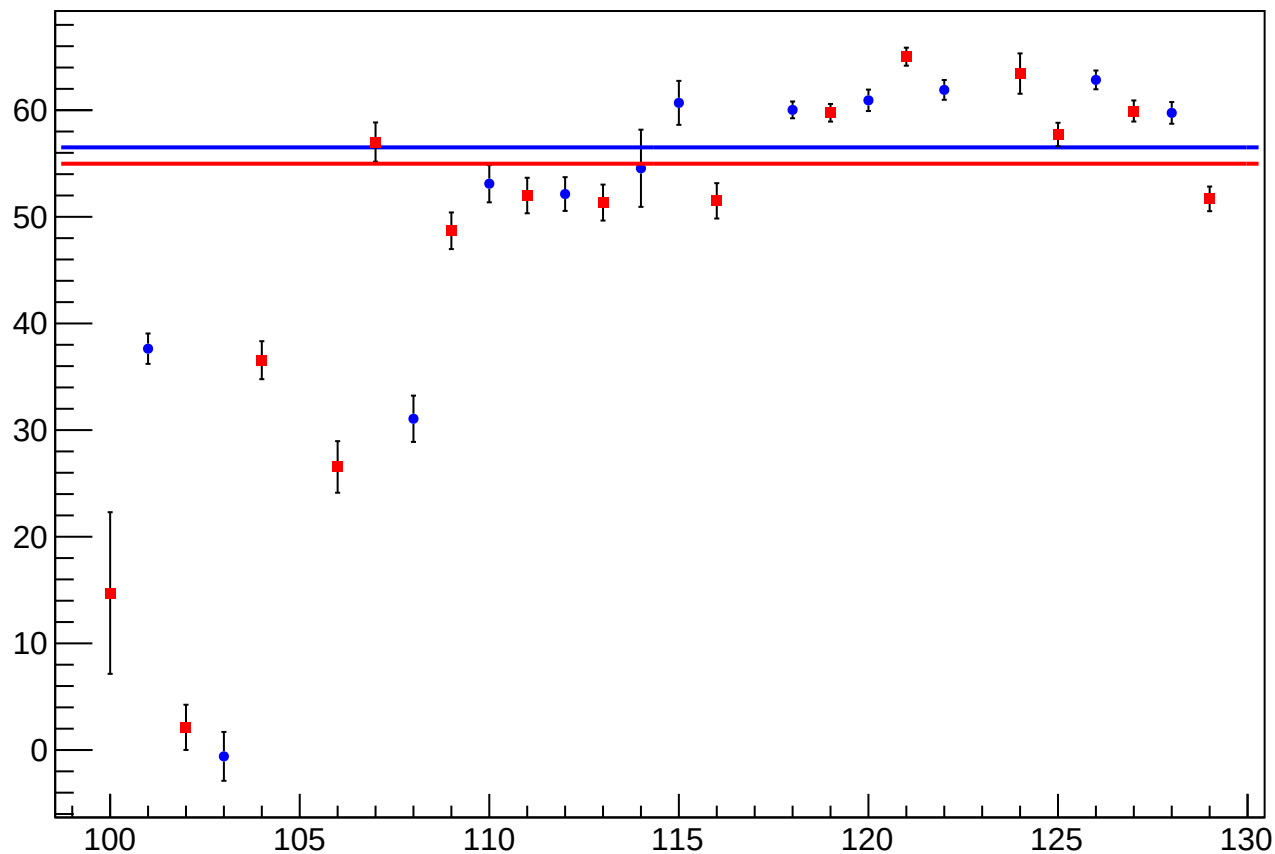
Right: 44.932+/-0.242 χ^2/NDF : 3832.2/26

In: 44.370+/-0.350 χ^2/NDF : 1828.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.932+/-0.242 χ^2/NDF : 3832.2/26

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 56.514 $\pm$ 0.354 χ^2 /NDF: 1084.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 54.981 $\pm$ 0.350 χ^2 /NDF: 1156.0/14

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

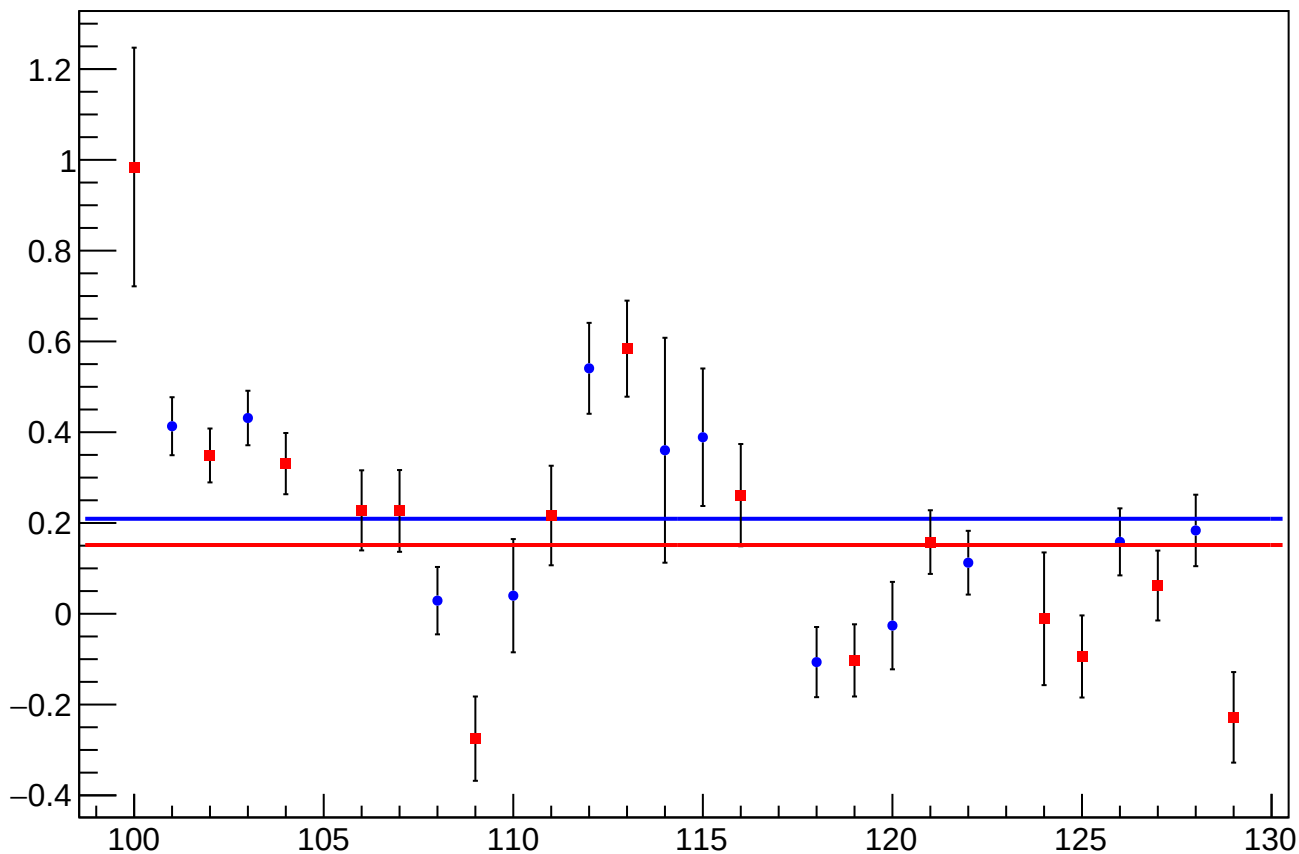
Right: 55.737 $\pm$ 0.249 χ^2 /NDF: 2250.4/26

In: 56.514 $\pm$ 0.354 χ^2 /NDF:1084.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 55.737 $\pm$ 0.249 χ^2 /NDF: 2250.4/26

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.209 $\pm$ 0.024 χ^2 /NDF: 69.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.152 $\pm$ 0.023 χ^2 /NDF: 103.4/14

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

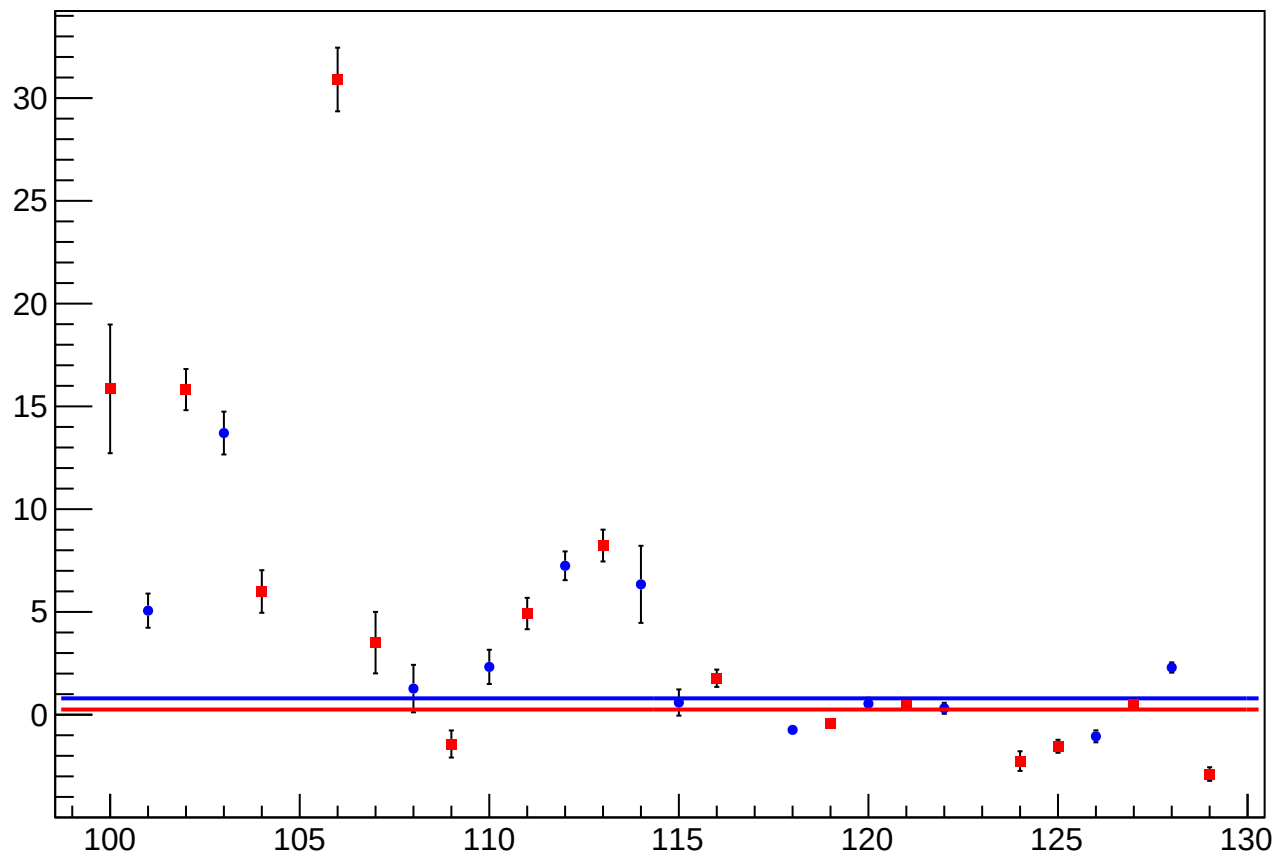
Right: 0.179 $\pm$ 0.016 χ^2 /NDF: 175.9/26

In: 0.209 $\pm$ 0.024 χ^2 /NDF:69.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.179 $\pm$ 0.016 χ^2 /NDF: 175.9/26

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.796+/-0.111 χ^2/NDF : 399.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.252+/-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

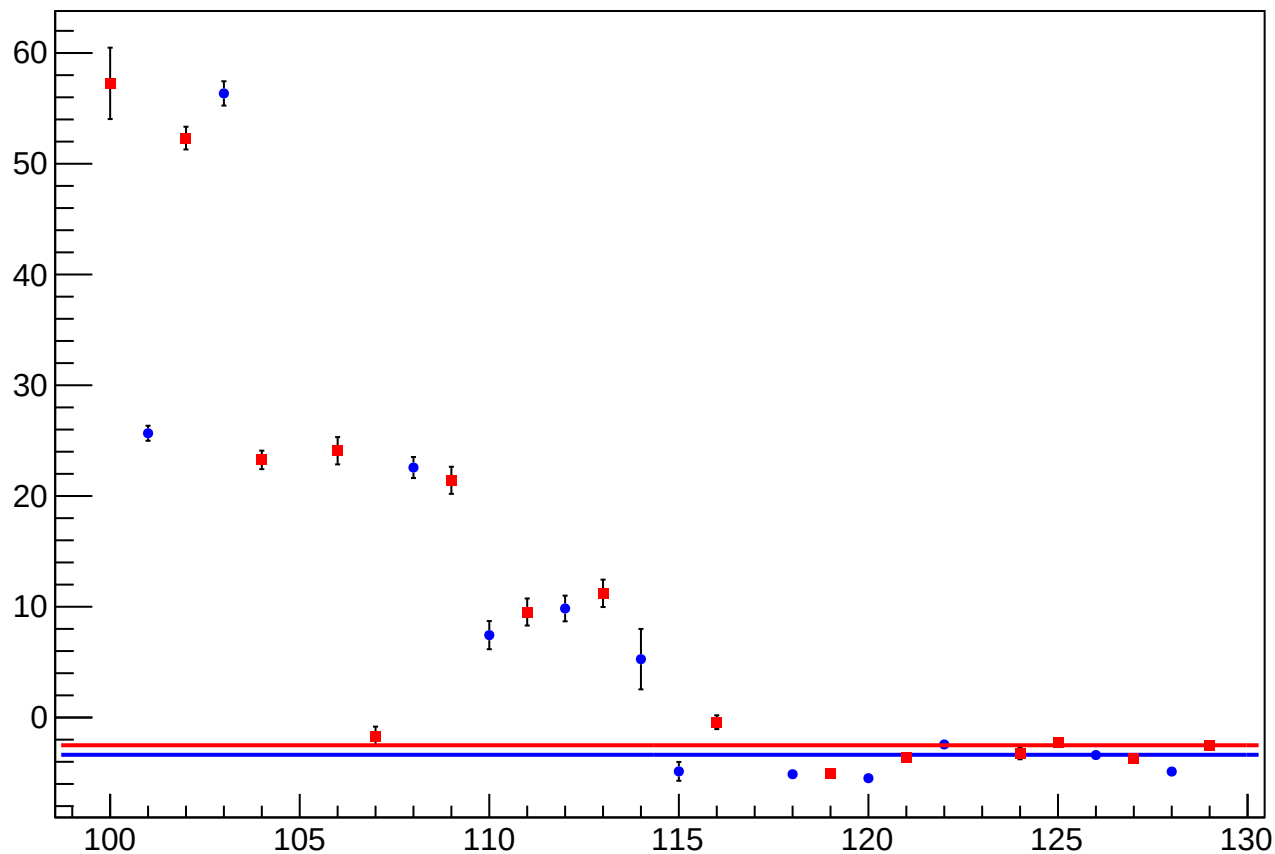
Right: 0.508+/-0.076 χ^2/NDF : 1428.8/26

In: 0.796+/-0.111 χ^2/NDF :399.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.508+/-0.076 χ^2/NDF : 1428.8/26

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.366+/-0.092 χ^2/NDF : 6063.1/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.506+/-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

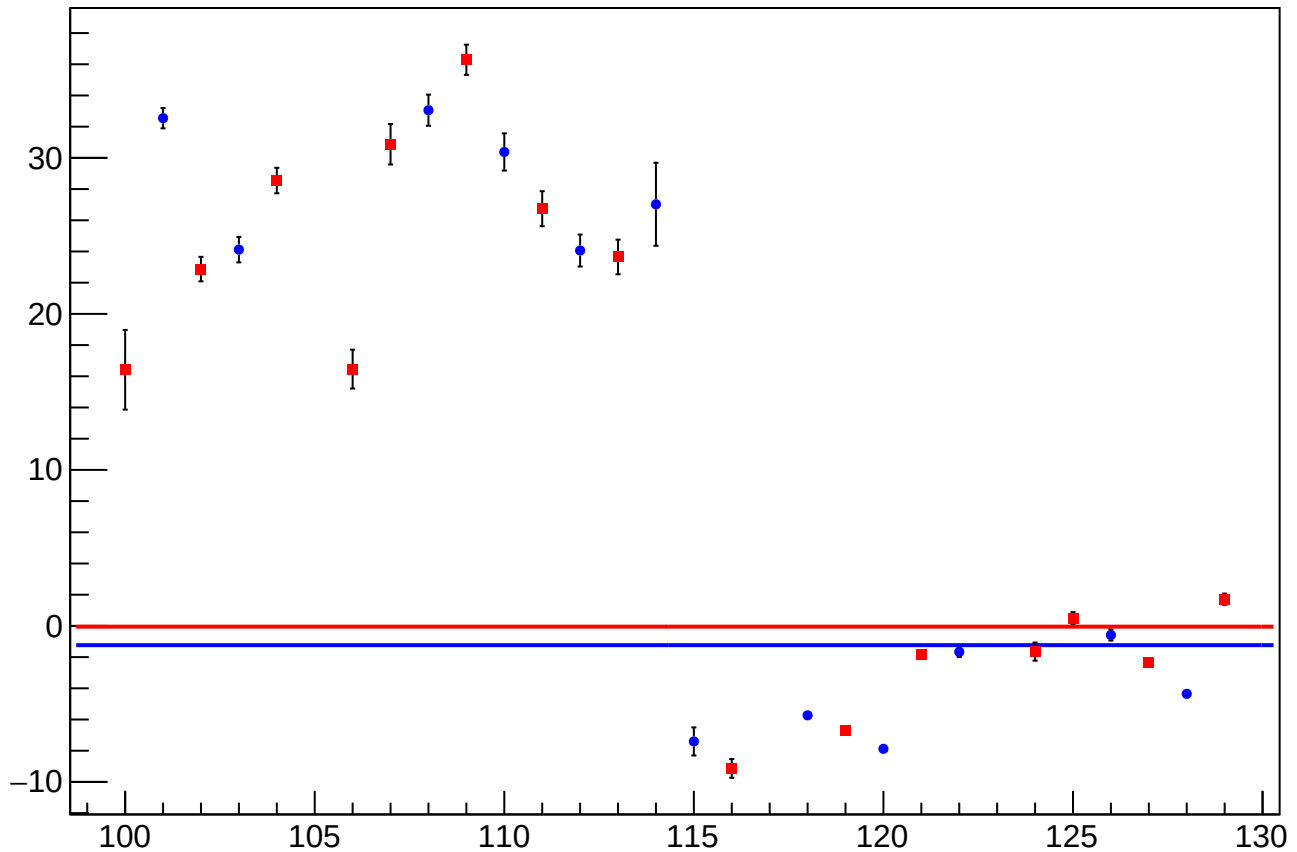
Right: -2.956+/-0.067 χ^2/NDF : 11663.3/26

In: -3.366+/-0.092 χ^2/NDF :6063.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.956+/-0.067 χ^2/NDF : 11663.3/26

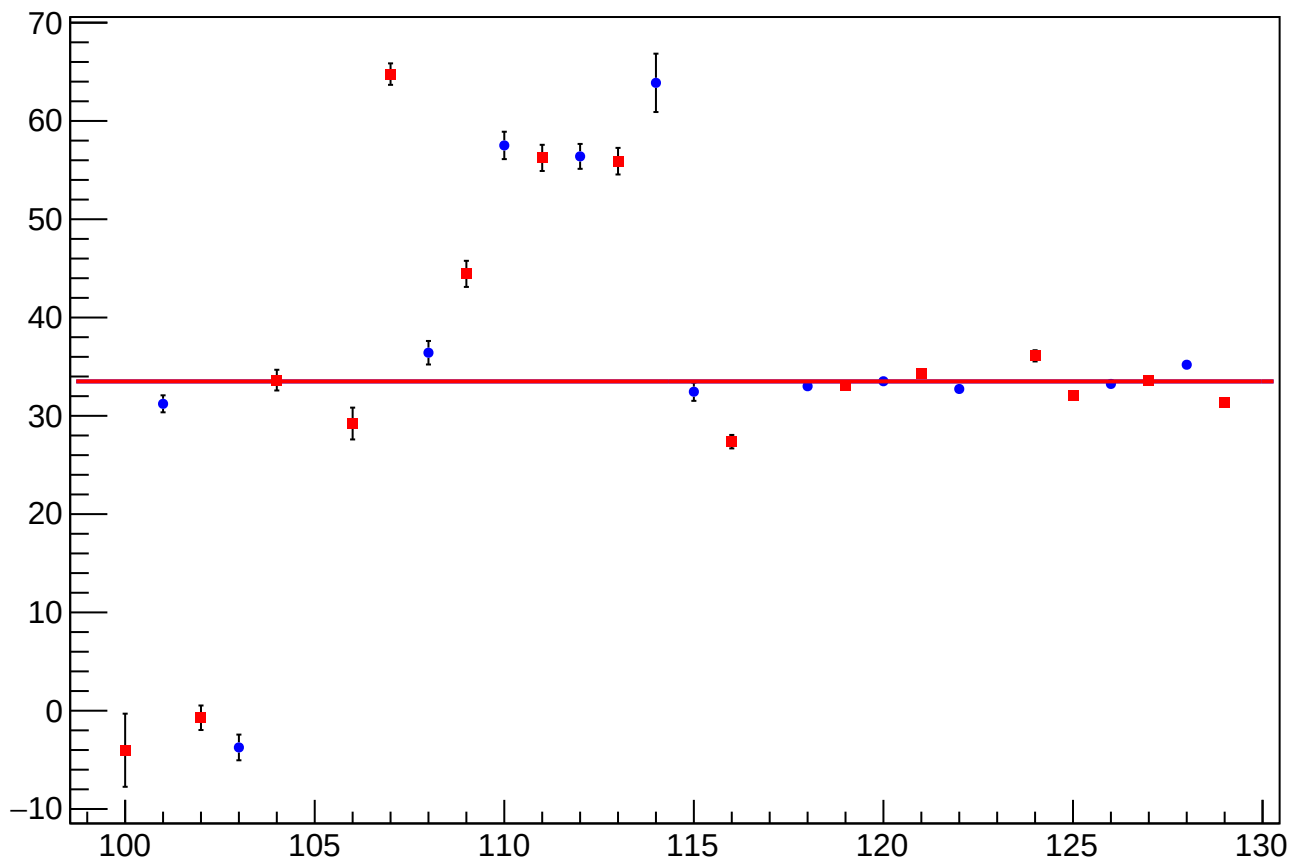
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.234+/-0.122 χ^2/NDF : 7318.7/11
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.049+/-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: -0.616+/-0.085 χ^2/NDF : 13869.5/26
 In: -1.234+/-0.122 χ^2/NDF : 7318.7/11
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.616+/-0.085 χ^2/NDF : 13869.5/26

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 33.498+/-0.112 χ^2/NDF : 1596.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.505+/-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

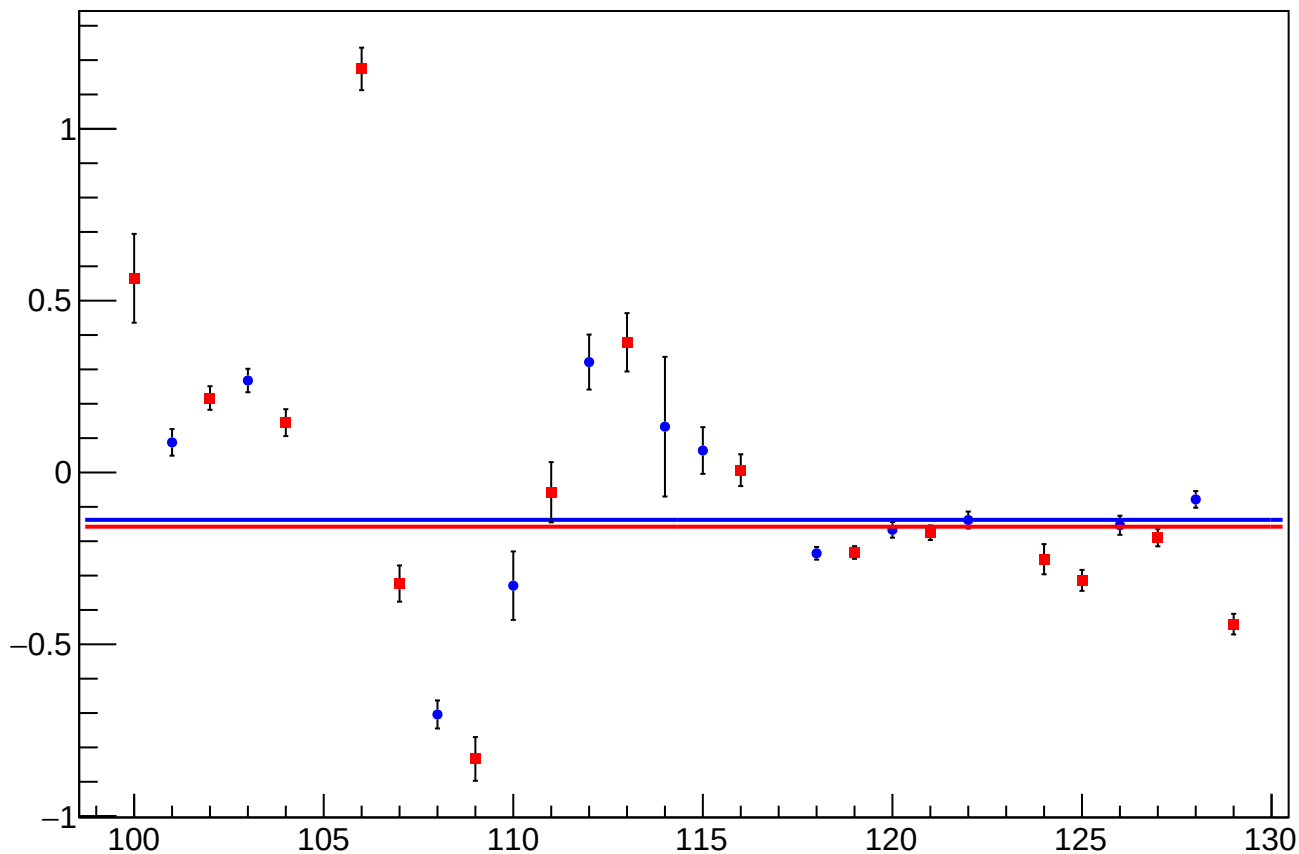
Right: 33.502+/-0.080 χ^2/NDF : 4077.4/26

In: 33.498+/-0.112 χ^2/NDF : 1596.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.502+/-0.080 χ^2/NDF : 4077.4/26

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.138+/-0.009 χ^2/NDF : 451.1/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.158+/-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

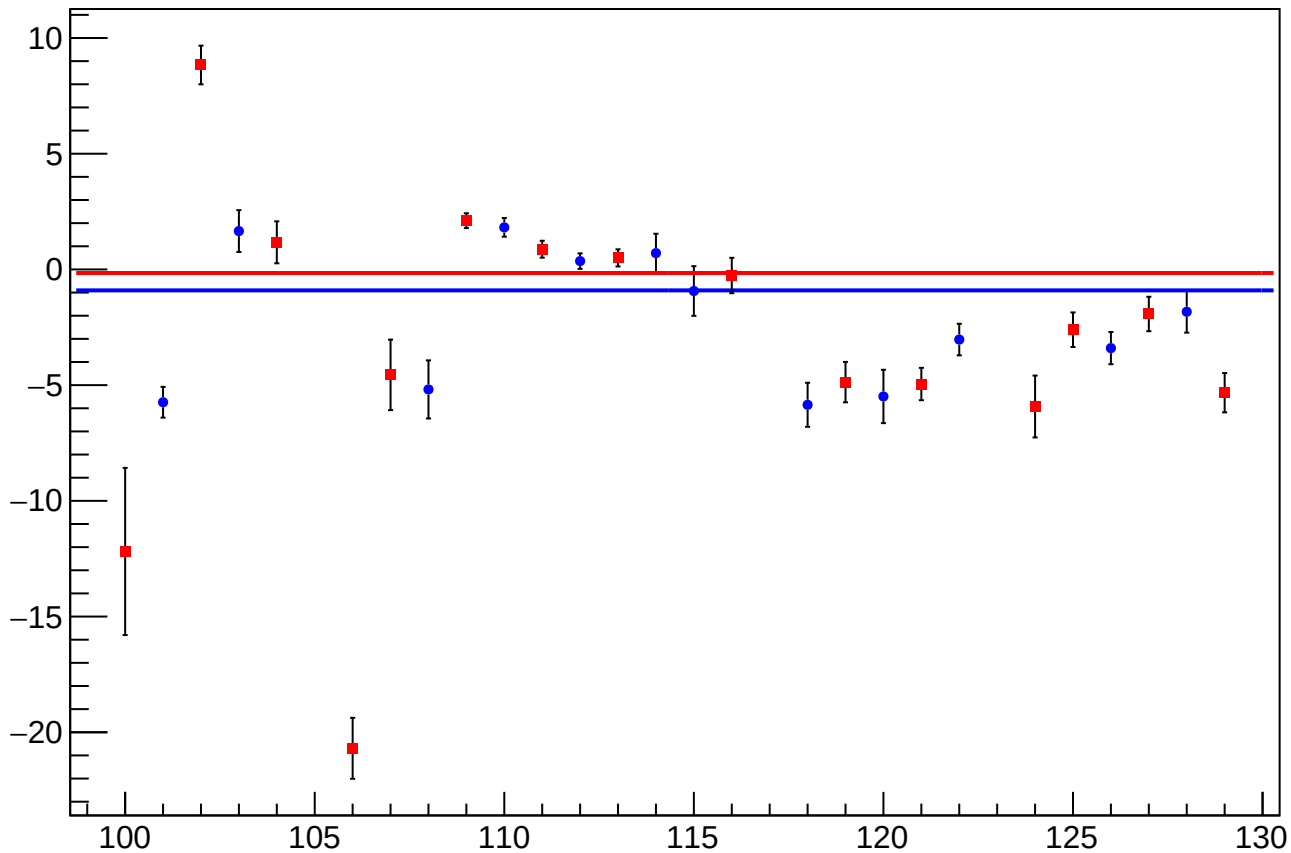
Right: -0.148+/-0.006 χ^2/NDF : 1443.3/26

In: -0.138+/-0.009 χ^2/NDF :451.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.148+/-0.006 χ^2/NDF : 1443.3/26

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.905 ± 0.186 χ^2/NDF : 202.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.155 ± 0.160 χ^2/NDF : 589.7/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

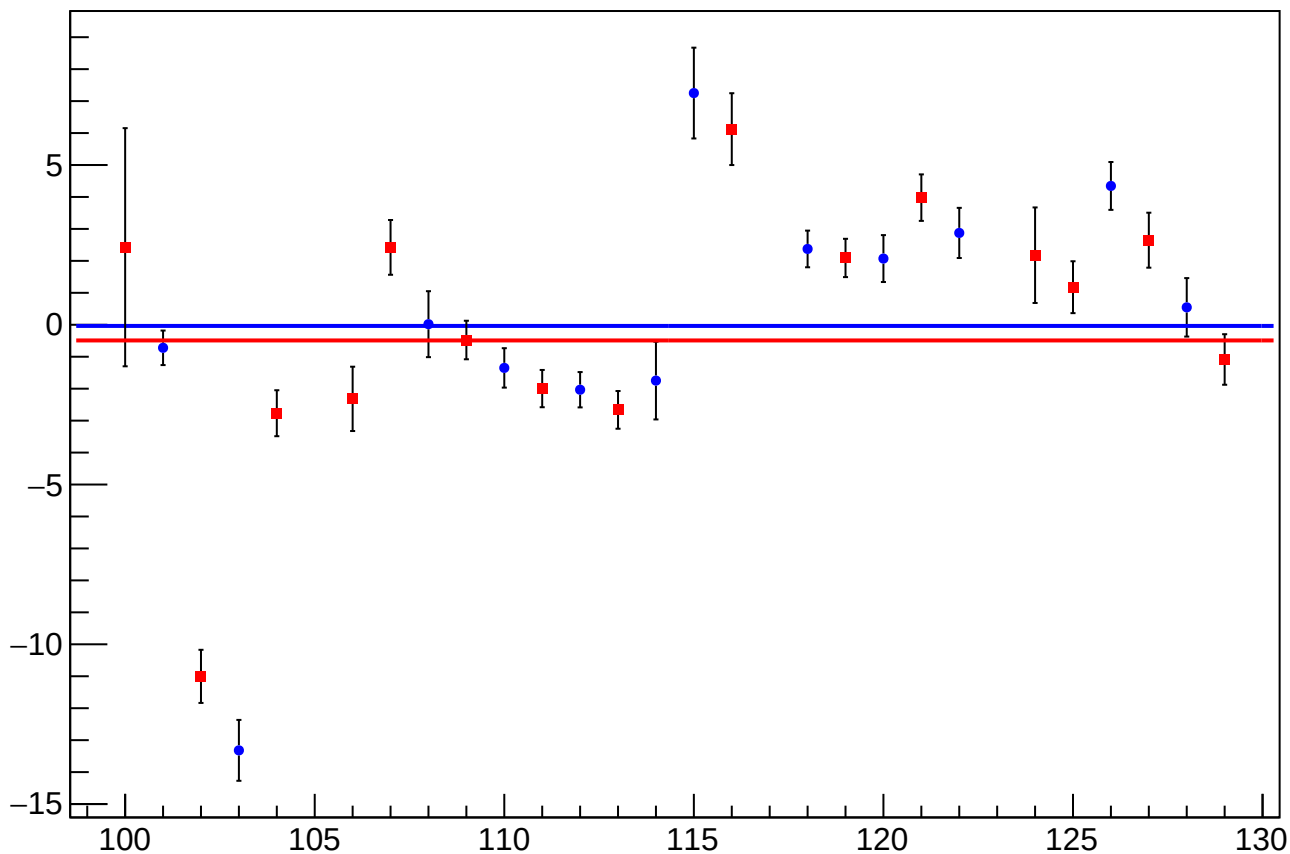
Right: -0.474 ± 0.122 χ^2/NDF : 801.4/26

In: -0.905 ± 0.186 χ^2/NDF : 202.4/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.474 ± 0.122 χ^2/NDF : 801.4/26

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.036+/-0.213 χ^2/NDF : 316.1/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.490+/-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

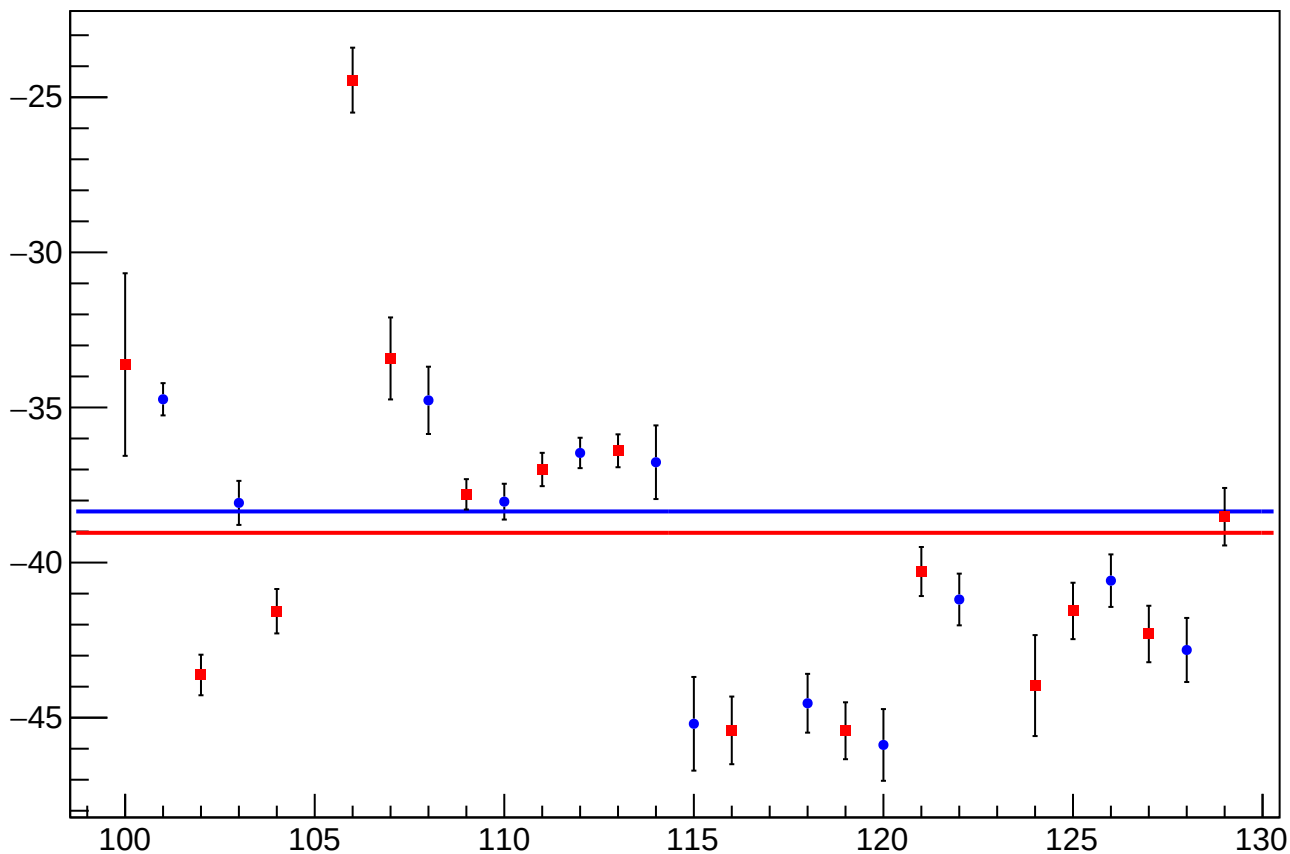
Right: -0.276+/-0.146 χ^2/NDF : 636.4/26

In: -0.036+/-0.213 χ^2/NDF :316.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.276+/-0.146 χ^2/NDF : 636.4/26

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -38.352 ± 0.221 χ^2/NDF : 219.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -39.041 ± 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

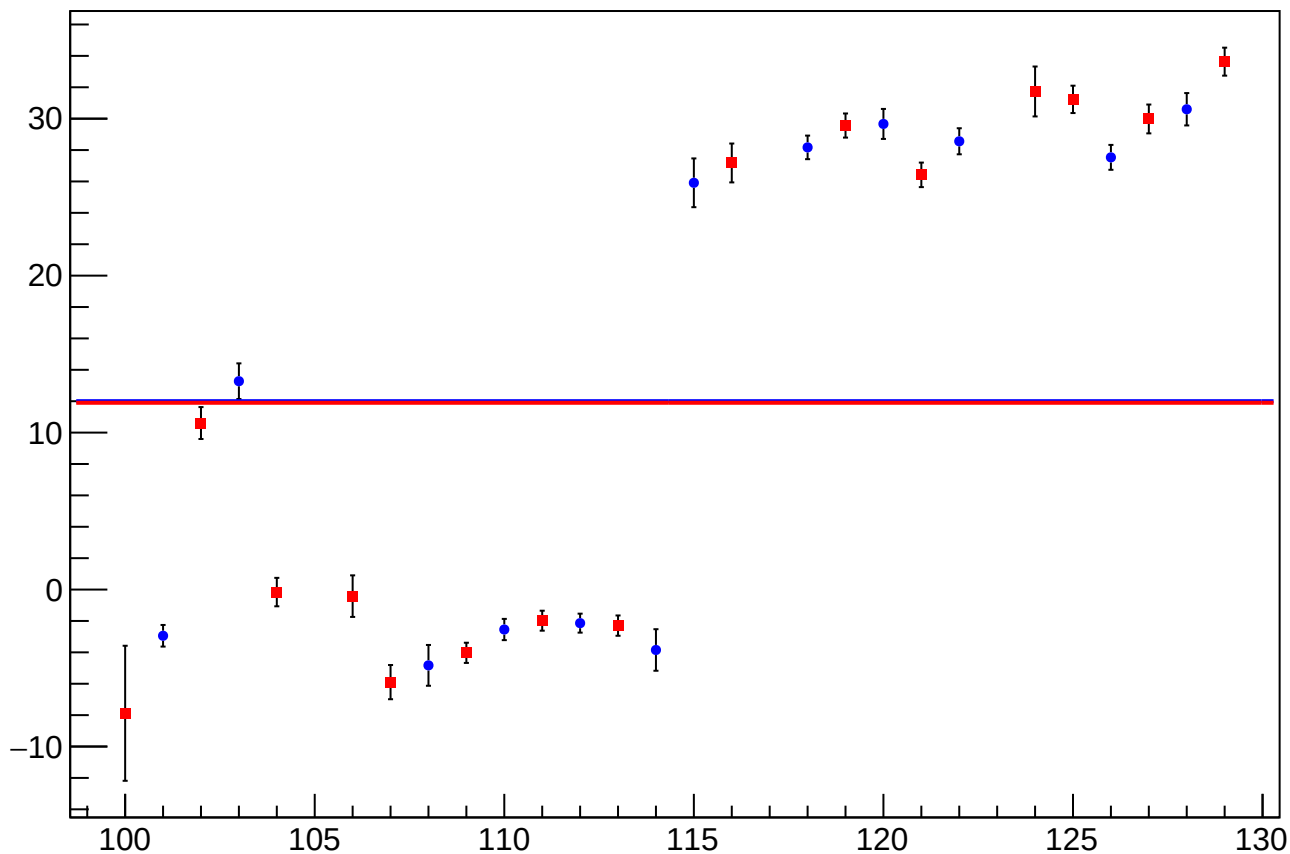
Right: -38.728 ± 0.149 χ^2/NDF : 662.6/26

In: -38.352 ± 0.221 χ^2/NDF : 219.1/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -38.728 ± 0.149 χ^2/NDF : 662.6/26

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 12.002+/-0.248 χ^2/NDF : 3784.9/11

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

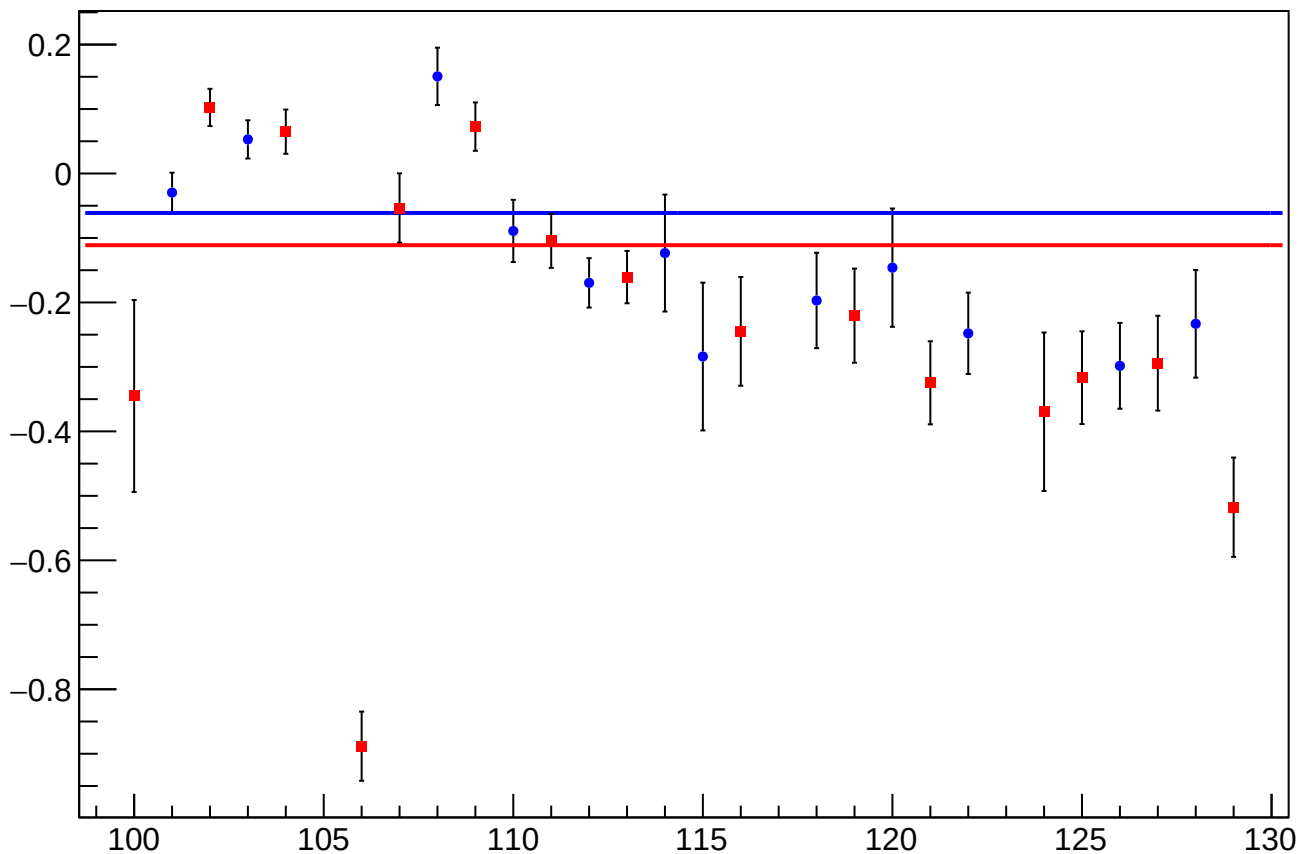
Right: 11.947+/-0.168 χ^2/NDF : 8565.2/26

In: 12.002+/-0.248 χ^2/NDF : 3784.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.947+/-0.168 χ^2/NDF : 8565.2/26

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.061 ± 0.014 χ^2/NDF : 81.0/11

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

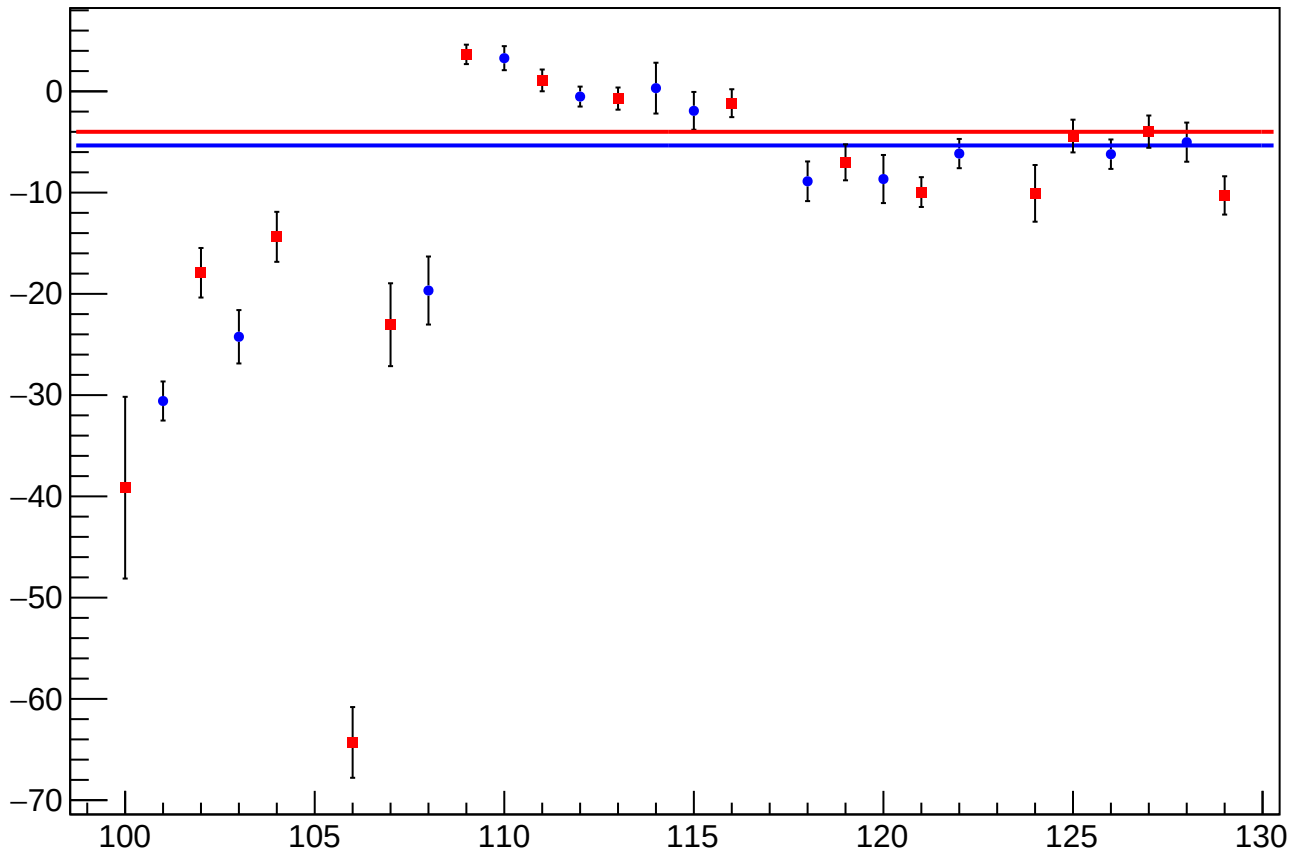
Right: -0.088 ± 0.010 χ^2/NDF : 469.9/26

In: -0.061 ± 0.014 χ^2/NDF : 81.0/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.088 ± 0.010 χ^2/NDF : 469.9/26

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.345+/-0.480 χ^2/NDF : 331.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.996+/-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

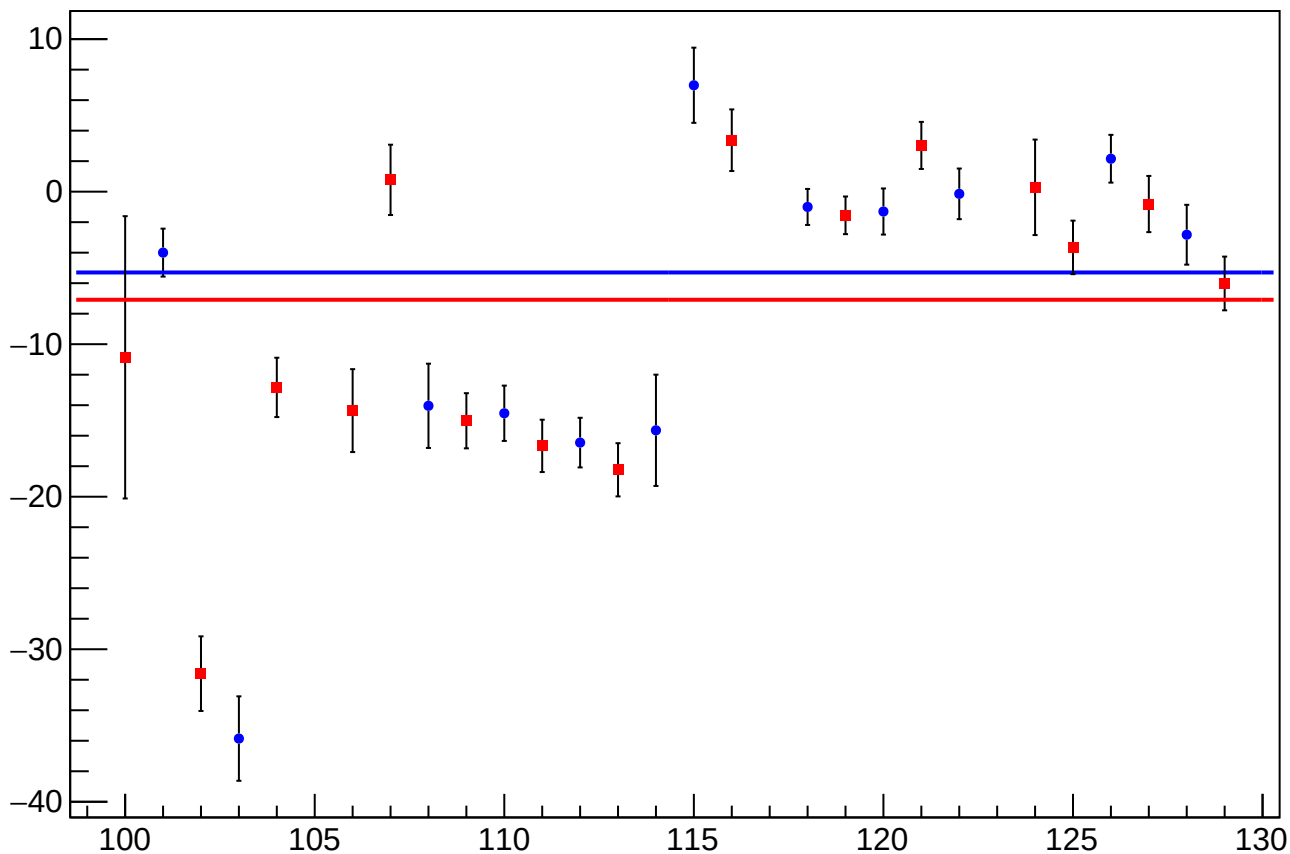
Right: -4.576+/-0.315 χ^2/NDF : 855.4/26

In: -5.345+/-0.480 χ^2/NDF : 331.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.576+/-0.315 χ^2/NDF : 855.4/26

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.298+/-0.515 χ^2/NDF : 292.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.087+/-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

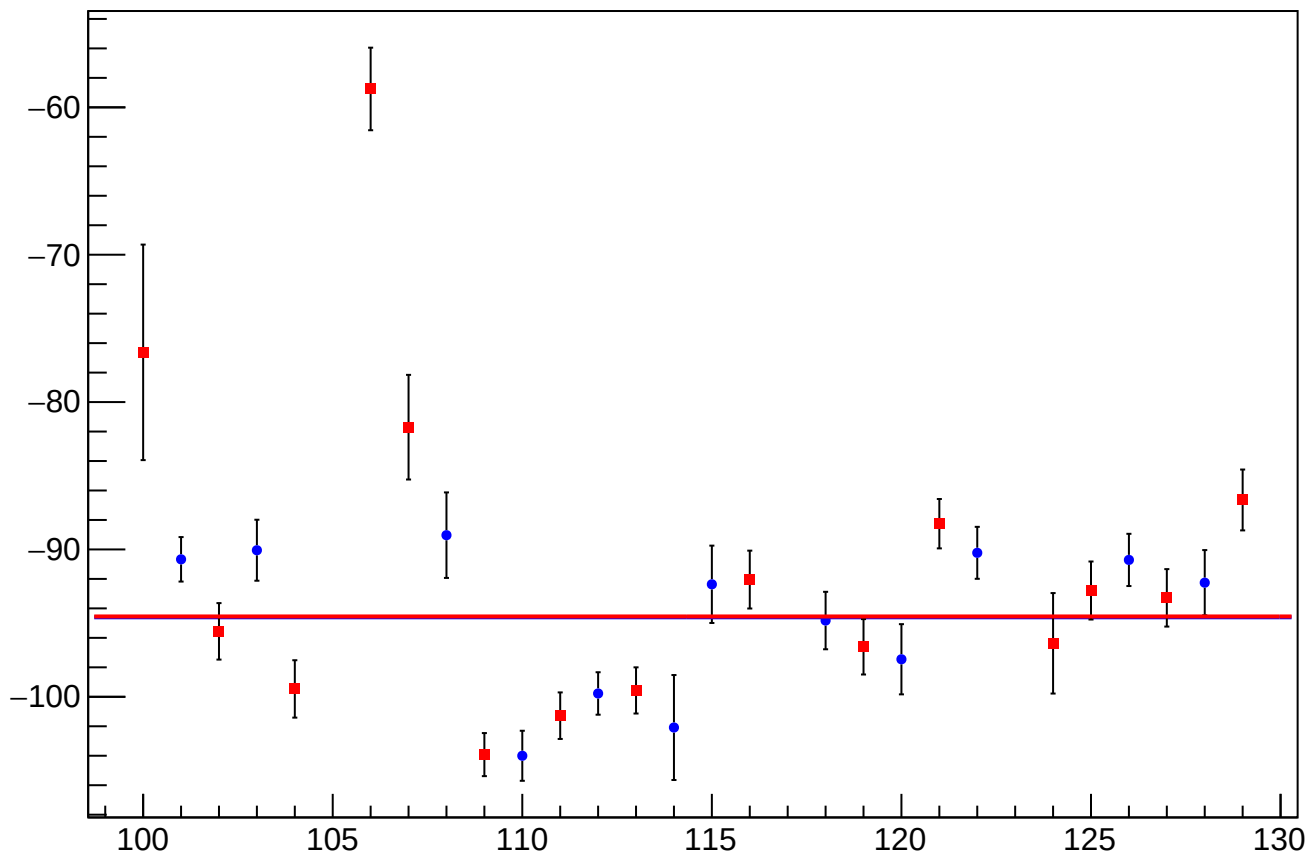
Right: -6.231+/-0.356 χ^2/NDF : 629.4/26

In: -5.298+/-0.515 χ^2/NDF : 292.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.231+/-0.356 χ^2/NDF : 629.4/26

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -94.604 $\pm$ 0.565 χ^2 /NDF: 77.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -94.548 $\pm$ 0.514 χ^2 /NDF: 291.7/14

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

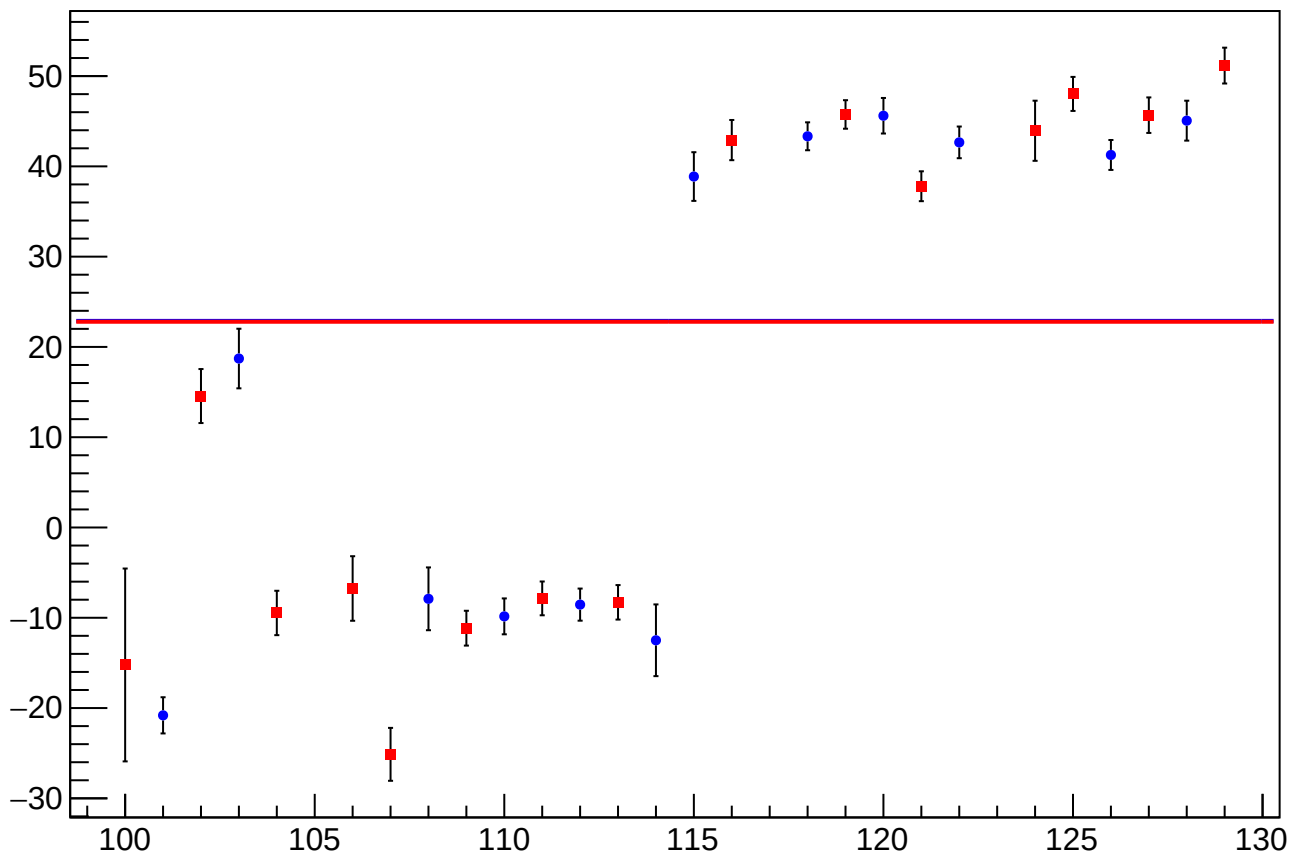
Right: -94.574 $\pm$ 0.381 χ^2 /NDF: 369.2/26

In: -94.604 $\pm$ 0.565 χ^2 /NDF: 77.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -94.574 $\pm$ 0.381 χ^2 /NDF: 369.2/26

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.883+/-0.602 χ^2 /NDF: 1911.5/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 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

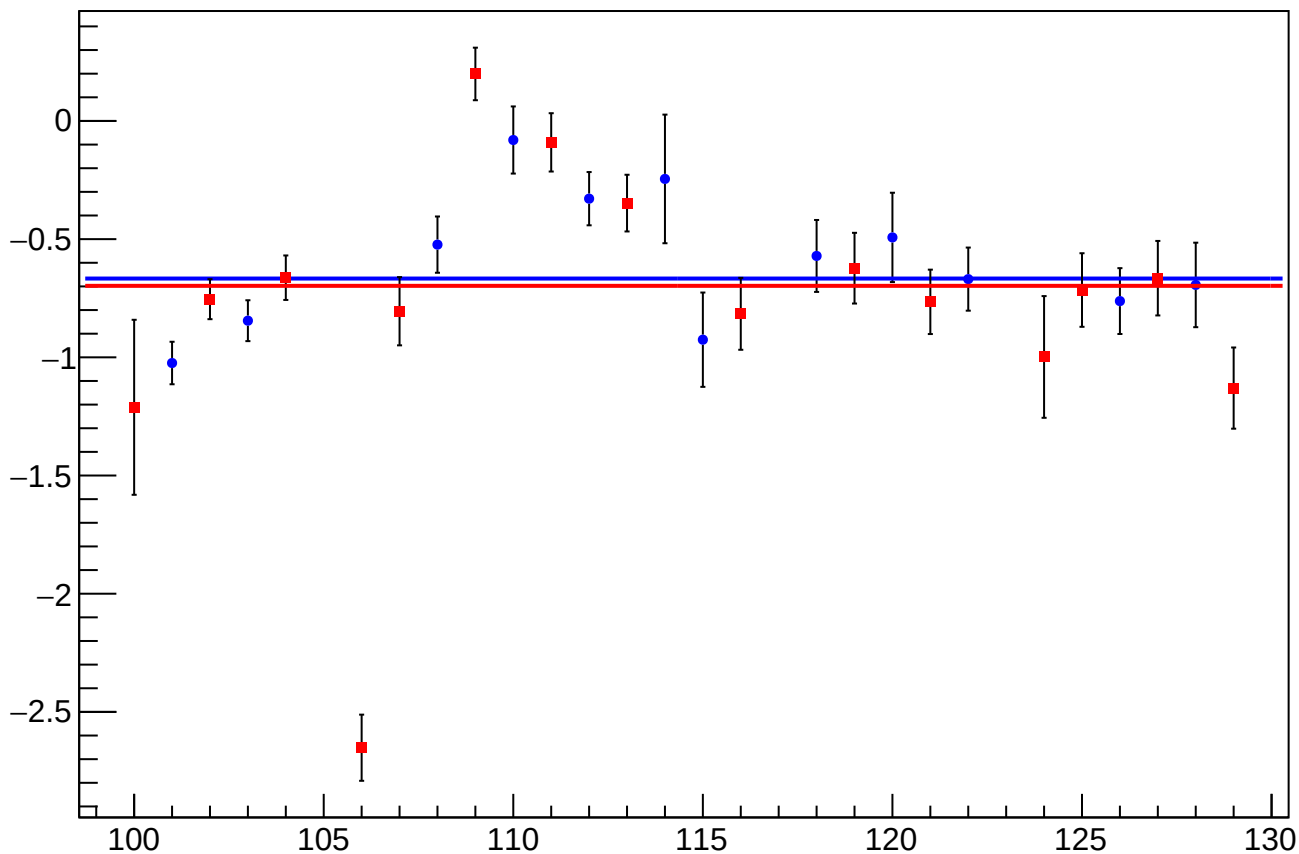
Right: 22.833+/-0.411 χ^2 /NDF: 4216.7/26

In: 22.883+/-0.602 χ^2 /NDF:1911.5/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 22.833+/-0.411 χ^2 /NDF: 4216.7/26

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.667+/-0.038 χ^2 /NDF: 53.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.698+/-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

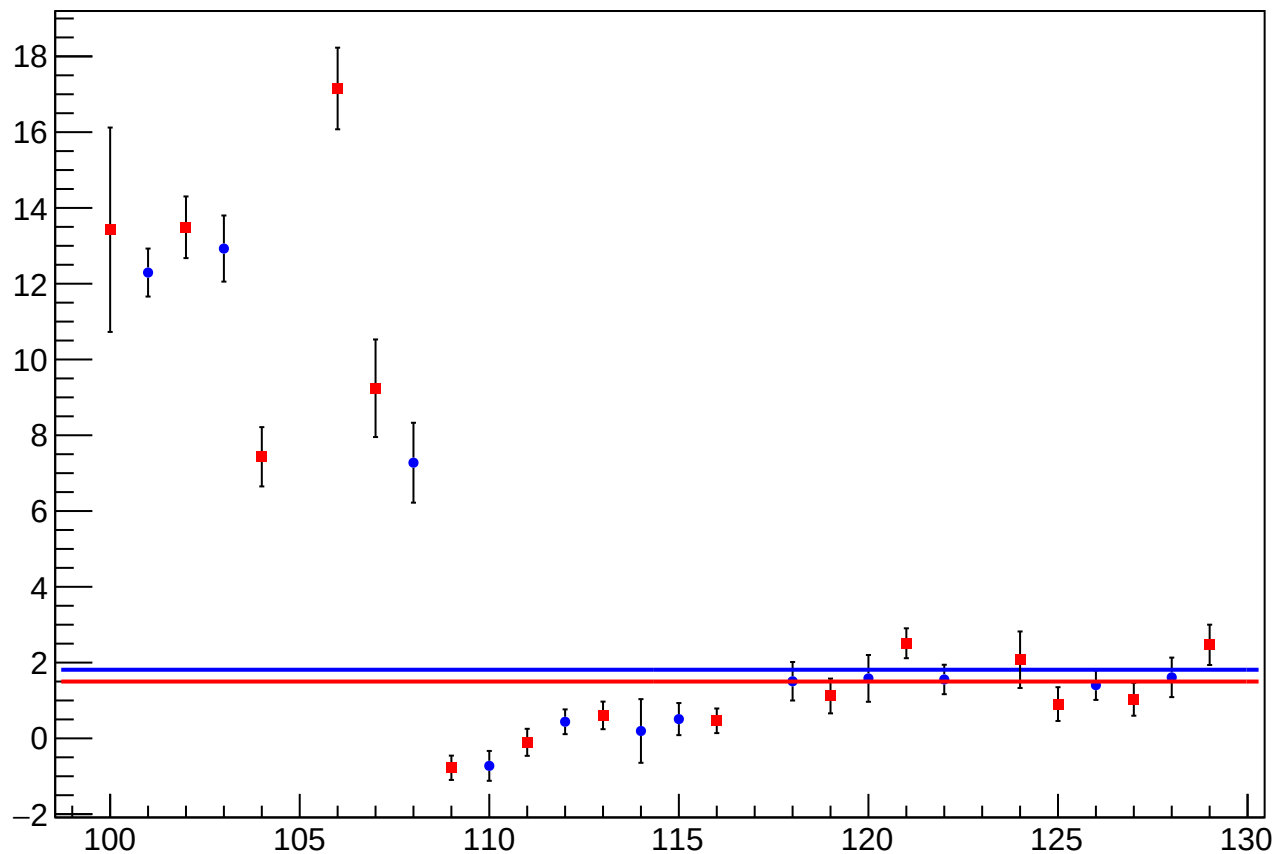
Right: -0.684+/-0.025 χ^2 /NDF: 358.3/26

In: -0.667+/-0.038 χ^2 /NDF:53.4/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.684+/-0.025 χ^2 /NDF: 358.3/26

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.811+/-0.140 χ^2/NDF : 537.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.500+/-0.123 χ^2/NDF : 642.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

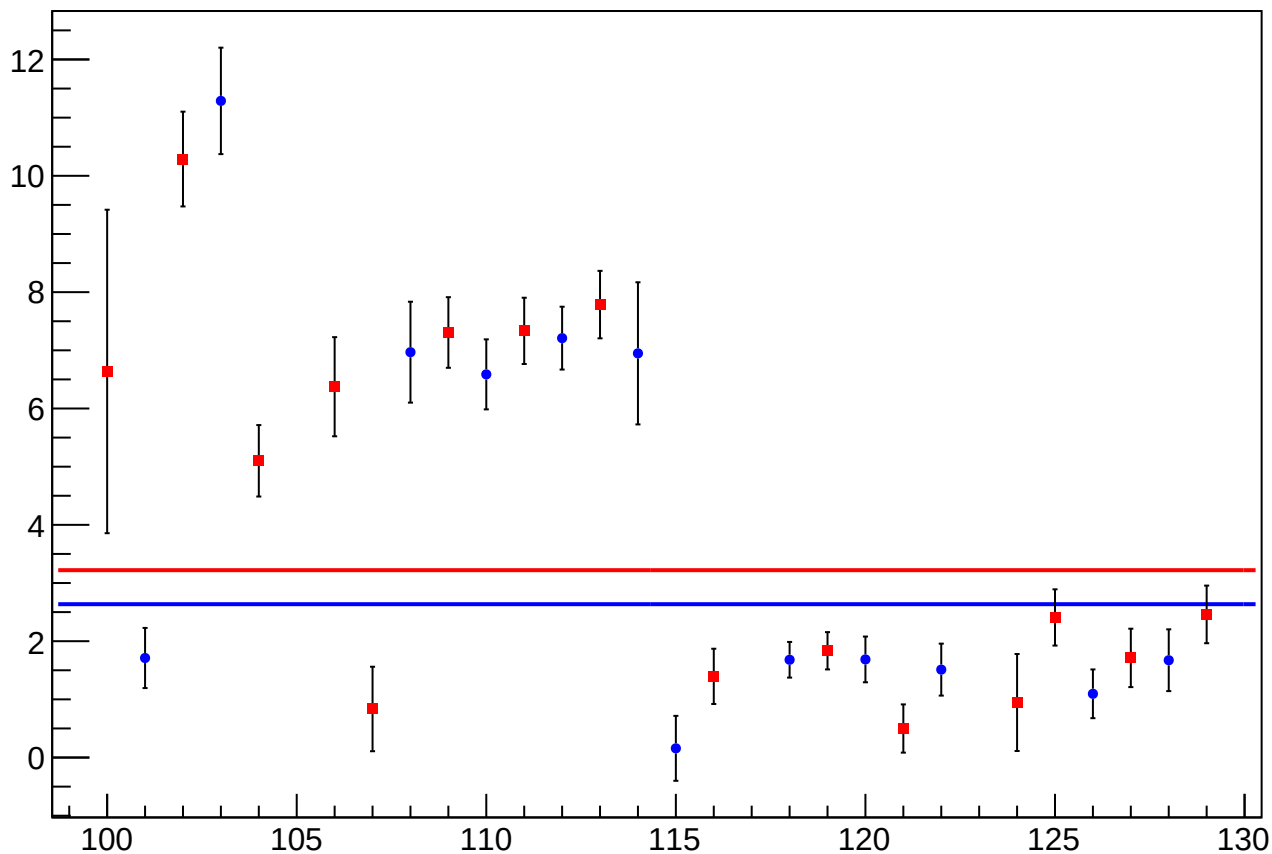
Right: 1.635+/-0.092 χ^2/NDF : 1182.5/26

In: 1.811+/-0.140 χ^2/NDF : 537.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.635+/-0.092 χ^2/NDF : 1182.5/26

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.636+/-0.145 χ^2/NDF : 303.2/11

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

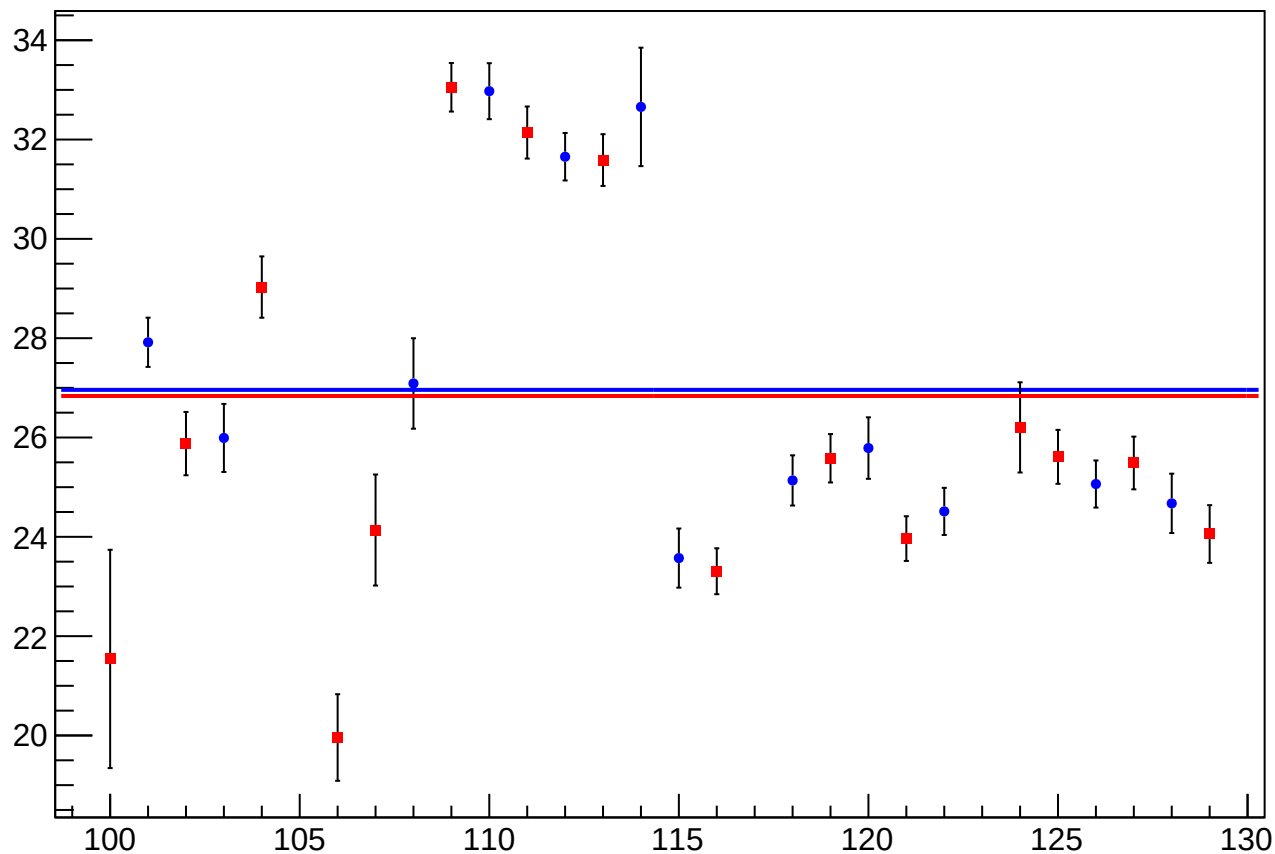
Right: 2.935+/-0.101 χ^2/NDF : 679.8/26

In: 2.636+/-0.145 χ^2/NDF : 303.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.935+/-0.101 χ^2/NDF : 679.8/26

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 26.960 $\pm$ 0.165 χ^2 /NDF: 344.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 26.836 $\pm$ 0.151 χ^2 /NDF: 576.5/14

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

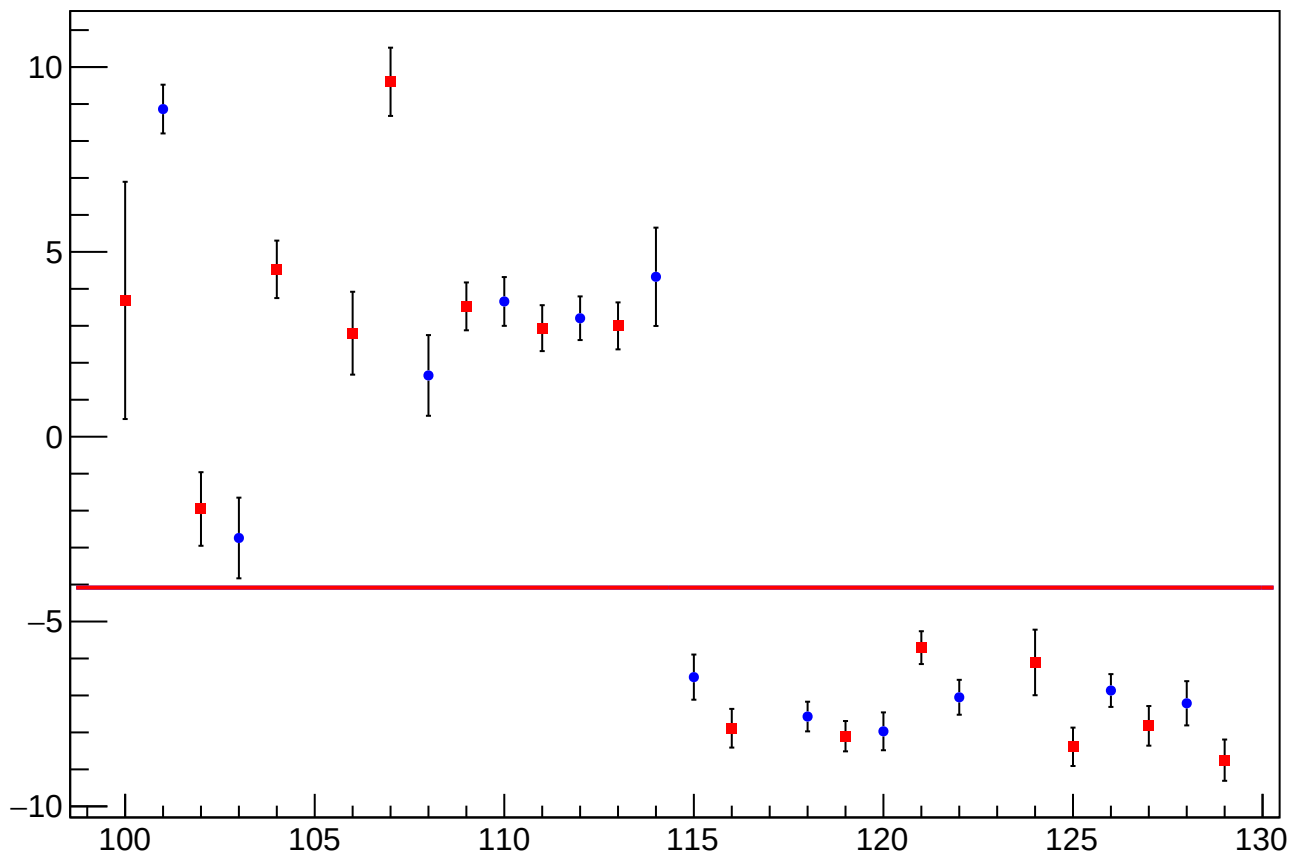
Right: 26.892 $\pm$ 0.111 χ^2 /NDF: 921.7/26

In: 26.960 $\pm$ 0.165 χ^2 /NDF:344.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 26.892 $\pm$ 0.111 χ^2 /NDF: 921.7/26

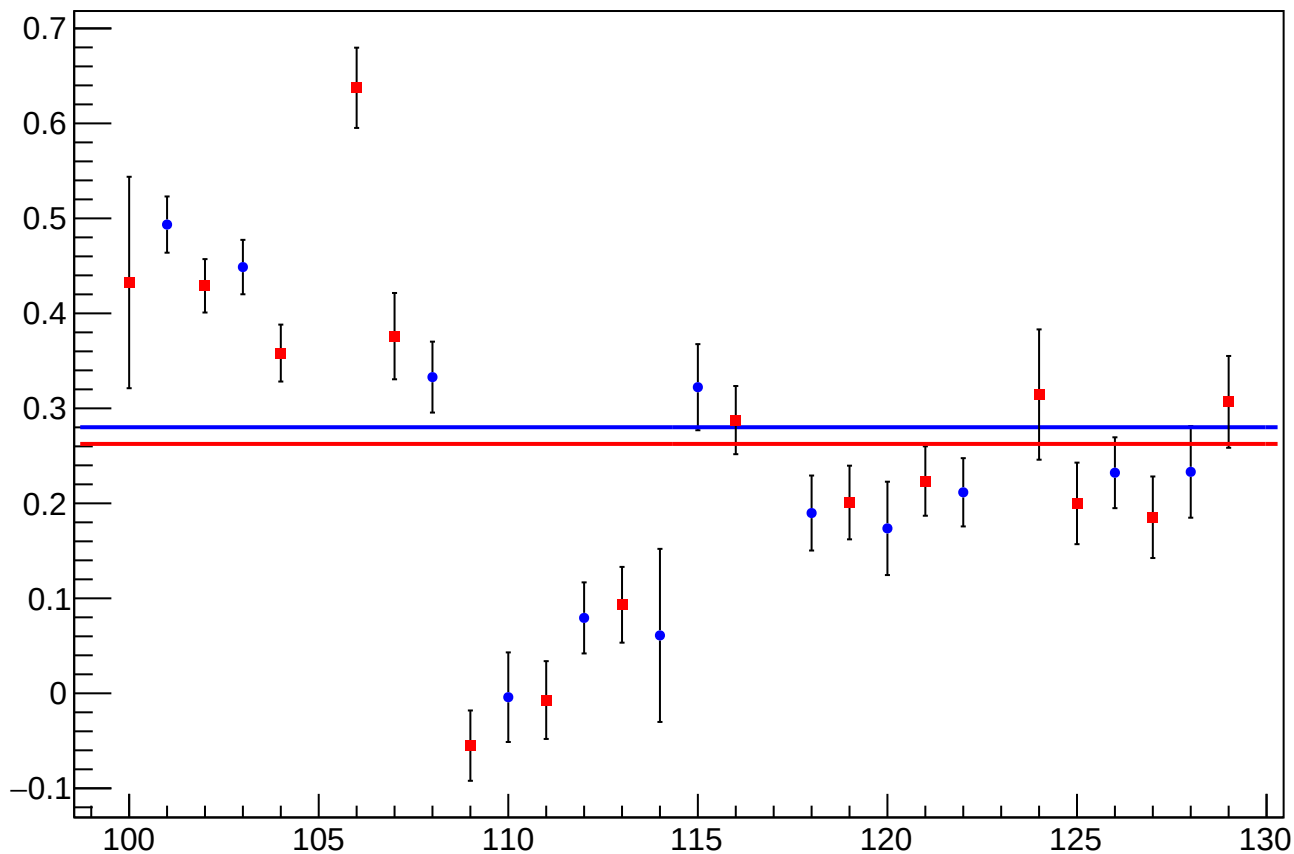
reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.083+/-0.170 χ^2/NDF : 999.7/11
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -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: -4.082+/-0.117 χ^2/NDF : 2134.8/26
 In: -4.083+/-0.170 χ^2/NDF : 999.7/11
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -4.082+/-0.117 χ^2/NDF : 2134.8/26

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 $\pm$ 0.011 χ^2 /NDF: 176.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.263 $\pm$ 0.010 χ^2 /NDF: 278.5/14

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

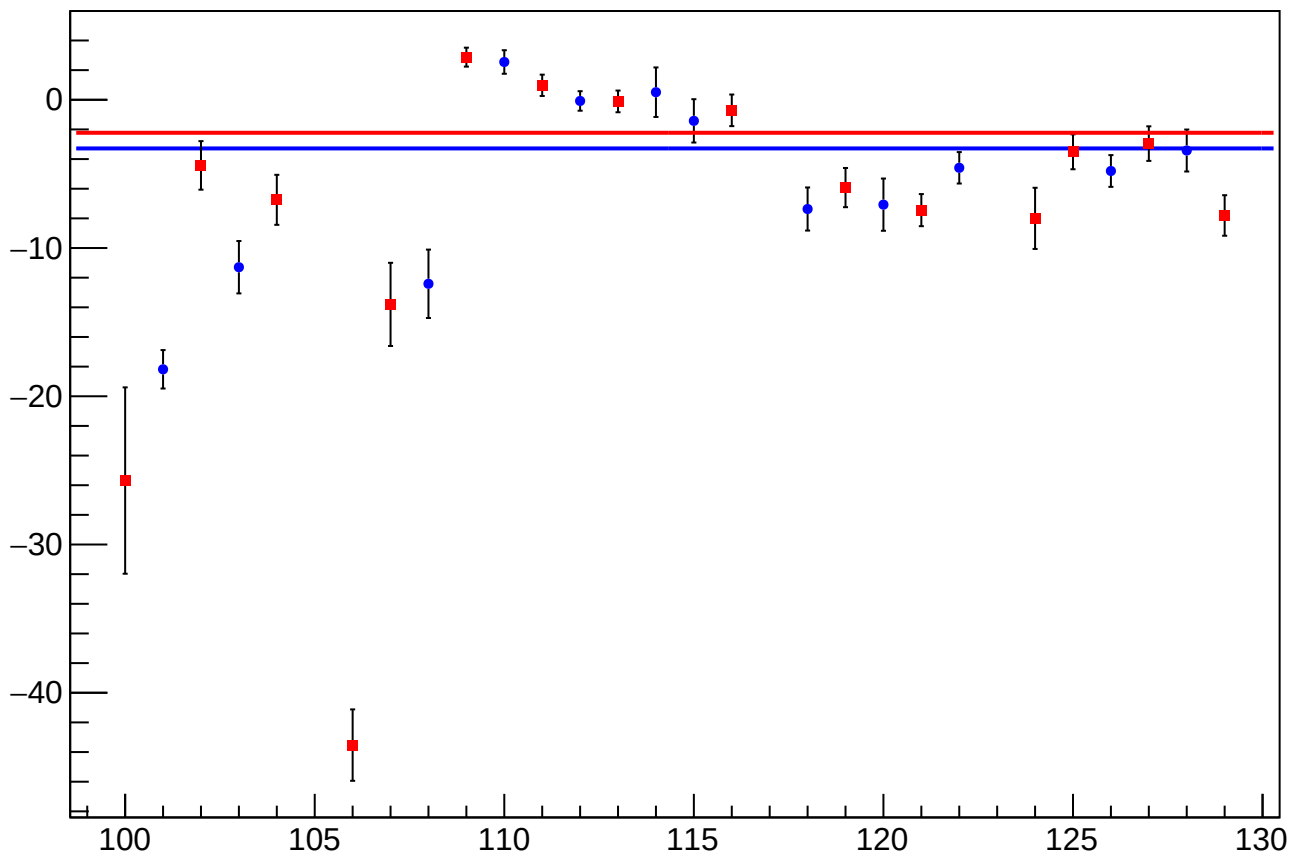
Right: 0.271 $\pm$ 0.008 χ^2 /NDF: 456.3/26

In: 0.280 $\pm$ 0.011 χ^2 /NDF:176.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.271 $\pm$ 0.008 χ^2 /NDF: 456.3/26

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.282+/-0.336 χ^2/NDF : 268.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

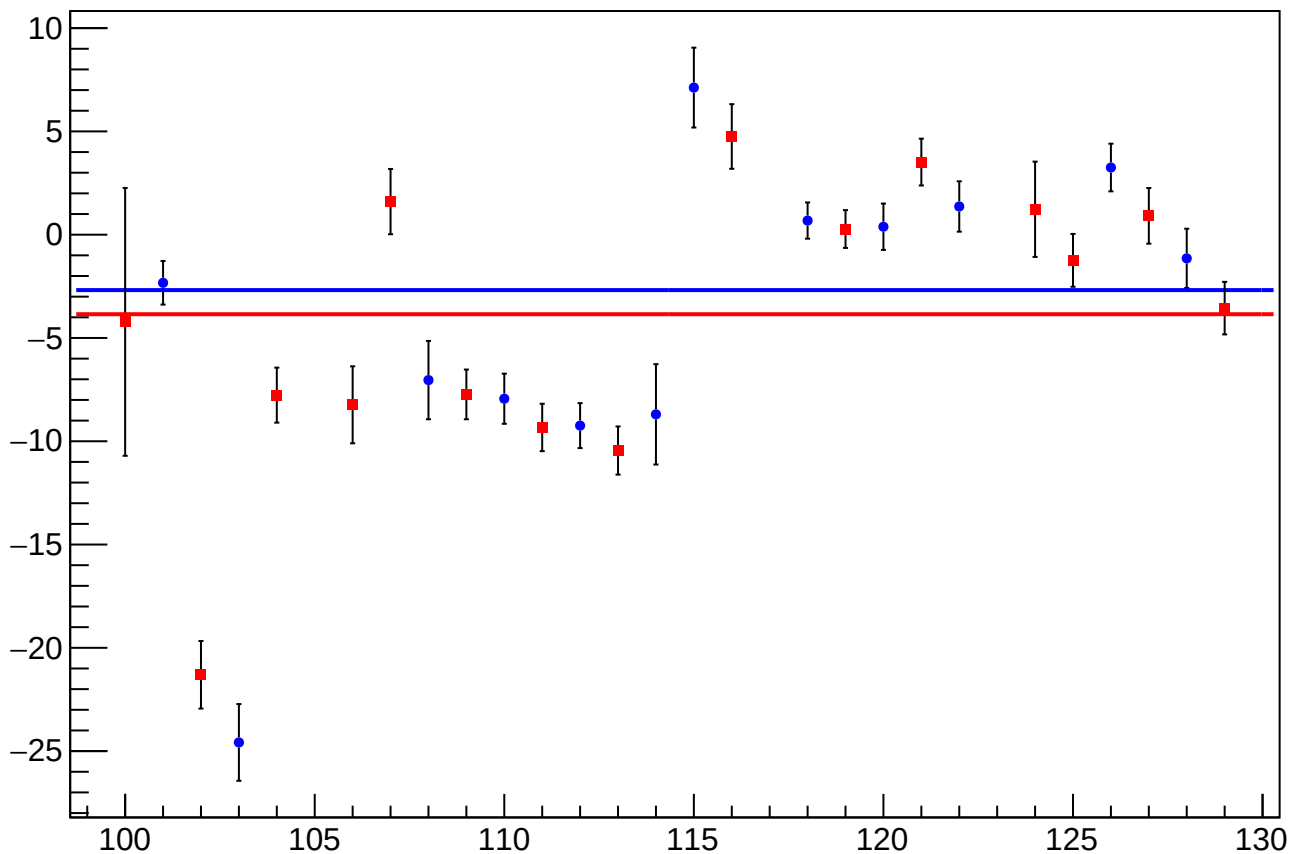
Right: -2.679+/-0.220 χ^2/NDF : 759.5/26

In: -3.282+/-0.336 χ^2/NDF : 268.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.679+/-0.220 χ^2/NDF : 759.5/26

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.683+/-0.367 χ^2 /NDF: 292.3/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -3.850+/-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

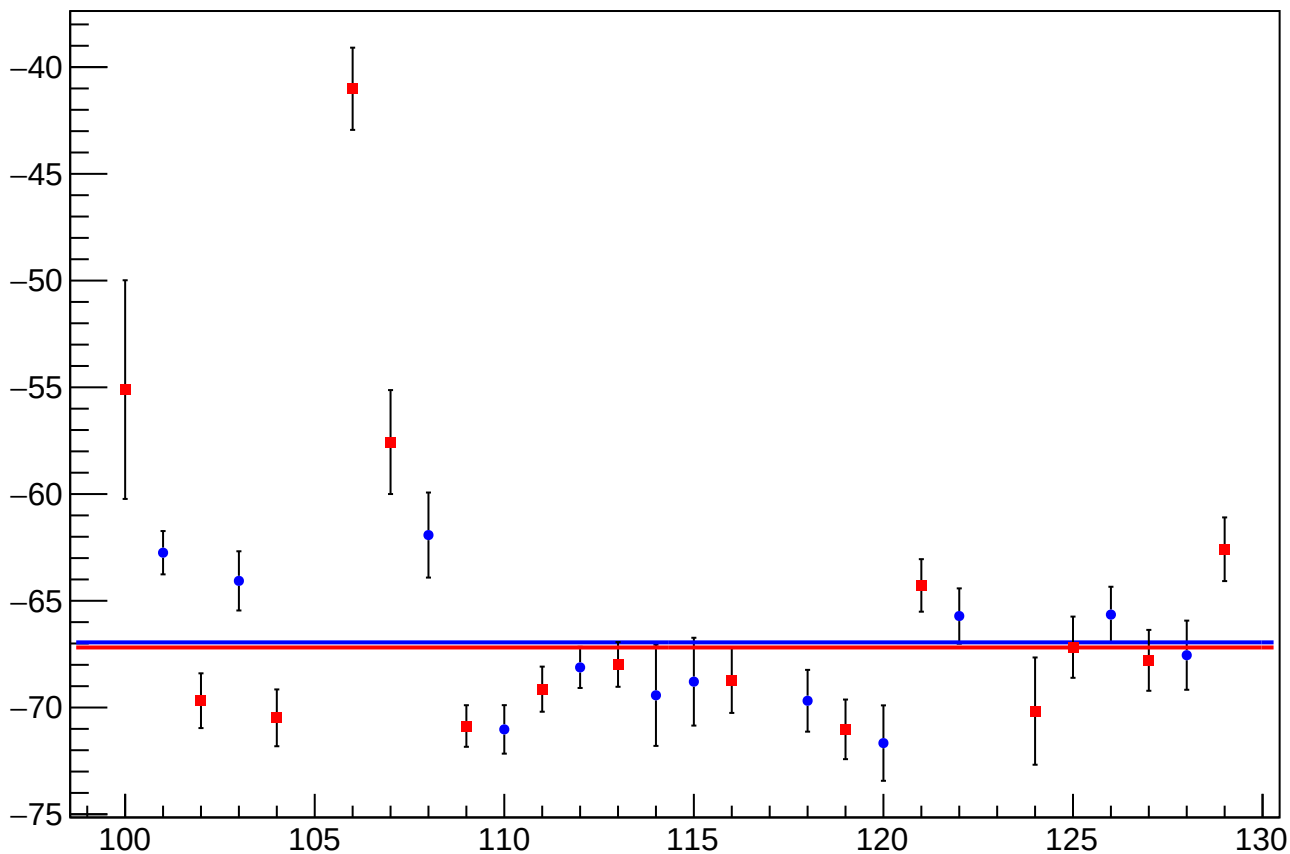
Right: -3.294+/-0.253 χ^2 /NDF: 617.2/26

In: -2.683+/-0.367 χ^2 /NDF:292.3/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -3.294+/-0.253 χ^2 /NDF: 617.2/26

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -66.948 $\pm$ 0.396 χ^2 /NDF: 56.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -67.187 $\pm$ 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

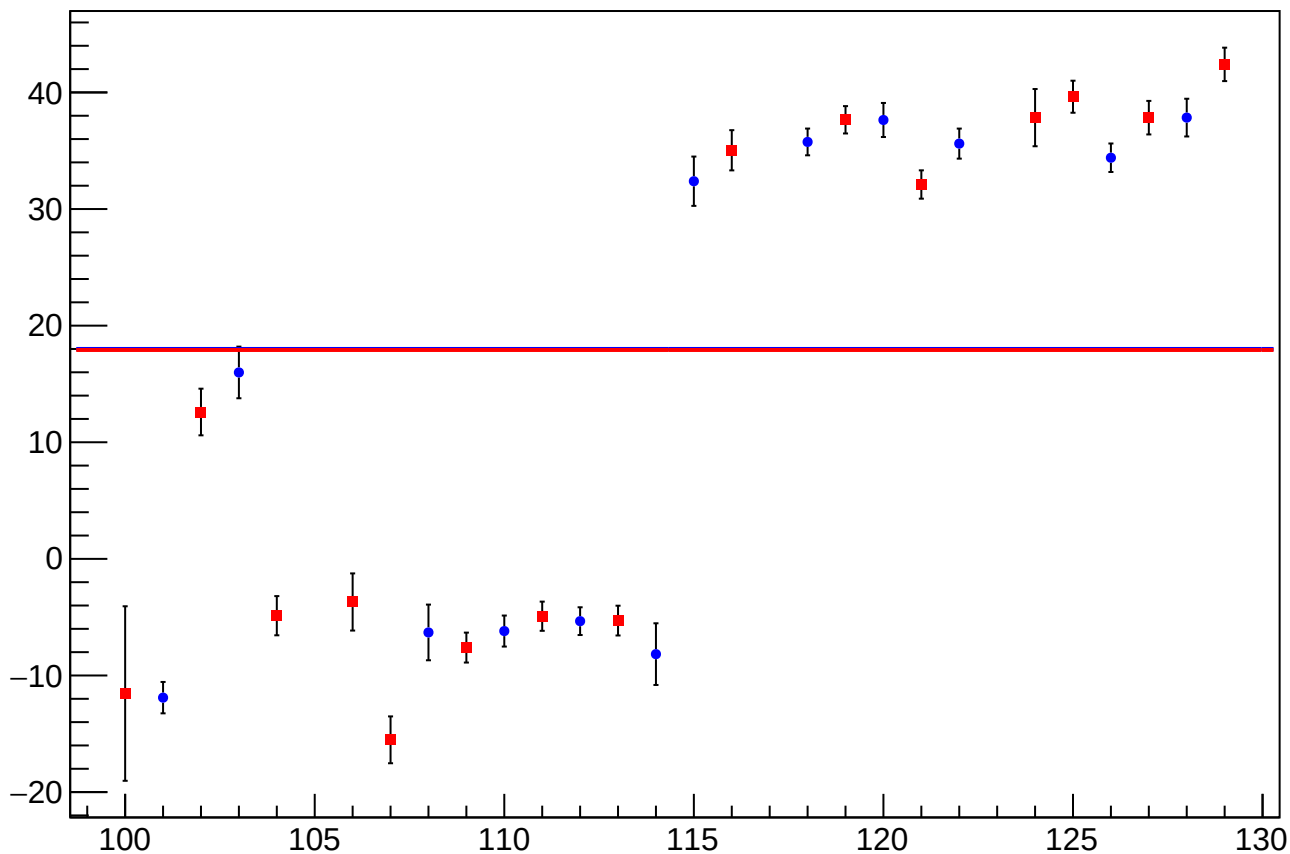
Right: -67.079 $\pm$ 0.267 χ^2 /NDF: 316.4/26

In: -66.948 $\pm$ 0.396 χ^2 /NDF:56.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -67.079 $\pm$ 0.267 χ^2 /NDF: 316.4/26

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 18.000+/-0.428 χ^2/NDF : 2395.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

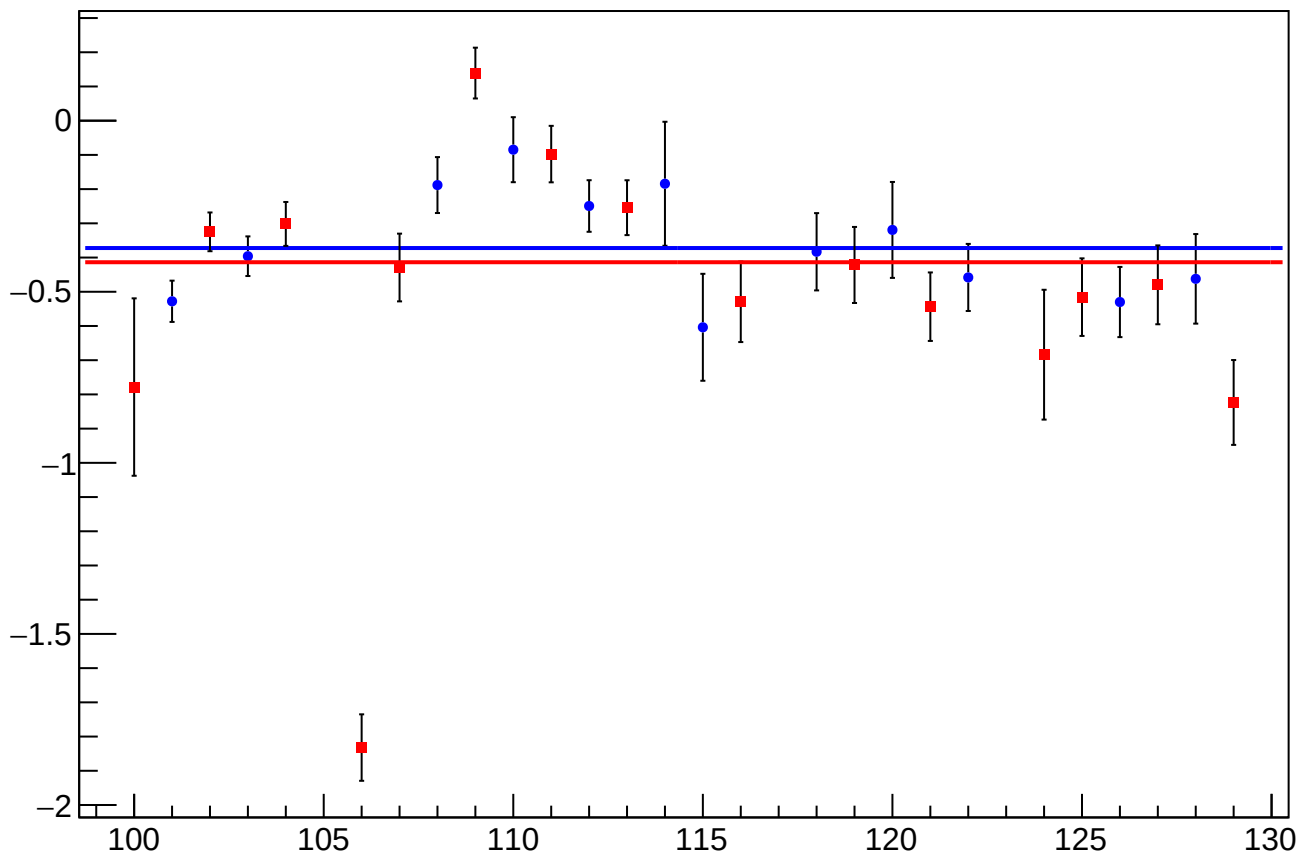
Right: 17.954+/-0.292 χ^2/NDF : 5332.8/26

In: 18.000+/-0.428 χ^2/NDF : 2395.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.954+/-0.292 χ^2/NDF : 5332.8/26

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.372 ± 0.026 χ^2/NDF : 30.7/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.414 ± 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

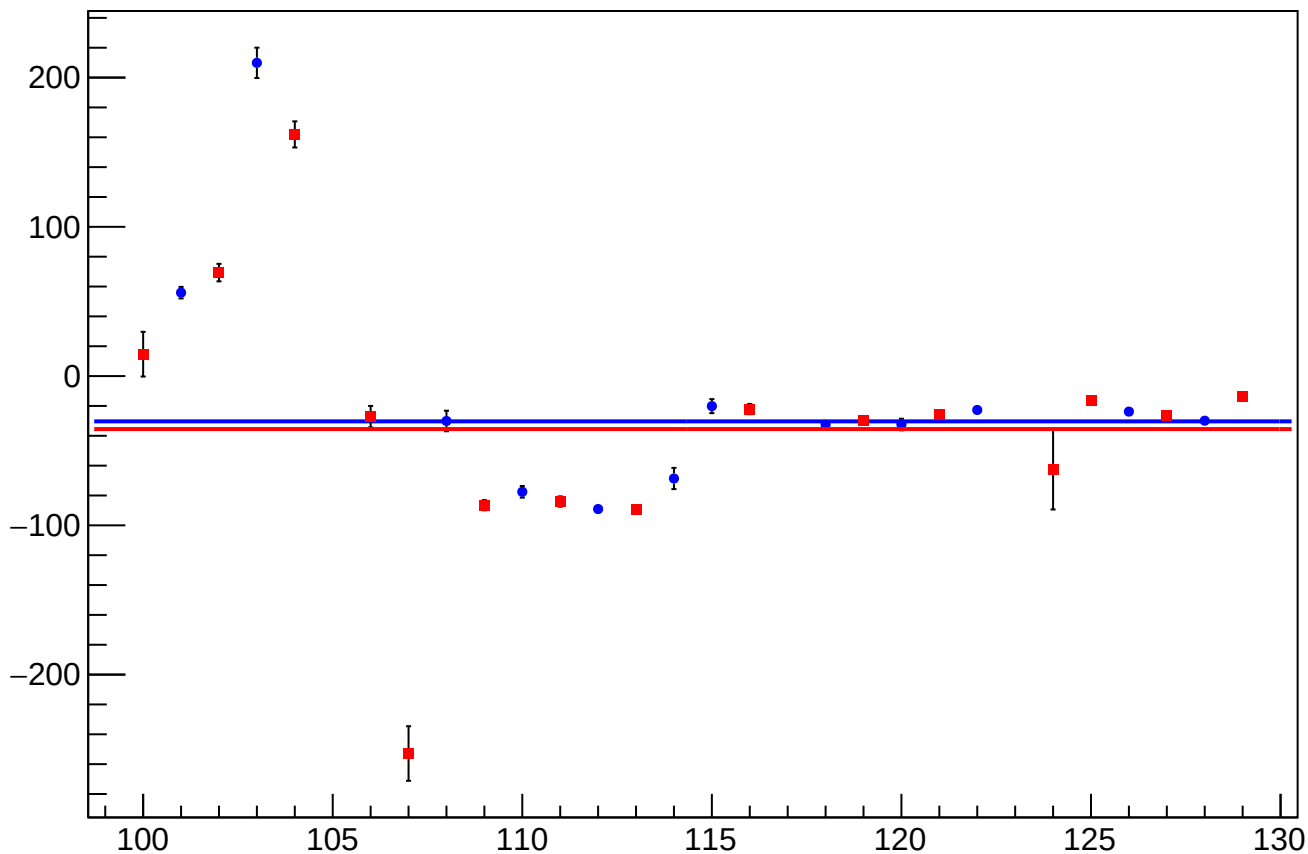
Right: -0.395 ± 0.018 χ^2/NDF : 343.7/26

In: -0.372 ± 0.026 χ^2/NDF : 30.7/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.395 ± 0.018 χ^2/NDF : 343.7/26

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -30.338+/-1.095 χ^2/NDF : 1600.5/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

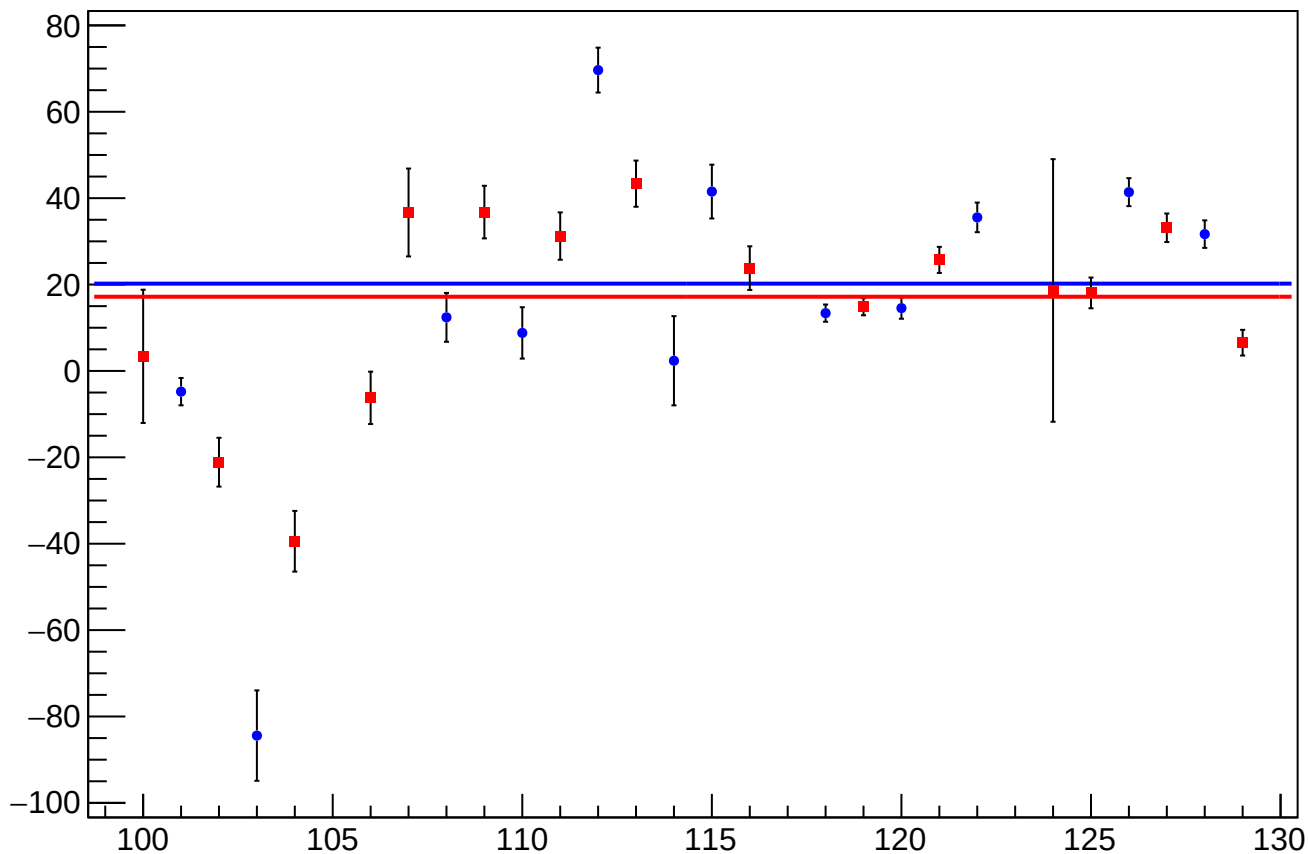
Right: -33.107+/-0.745 χ^2/NDF : 3402.8/26

In: -30.338+/-1.095 χ^2/NDF :1600.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -33.107+/-0.745 χ^2/NDF : 3402.8/26

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 20.211 $\pm$ 1.034 χ^2 /NDF: 366.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.179 $\pm$ 1.068 χ^2 /NDF: 218.4/14

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

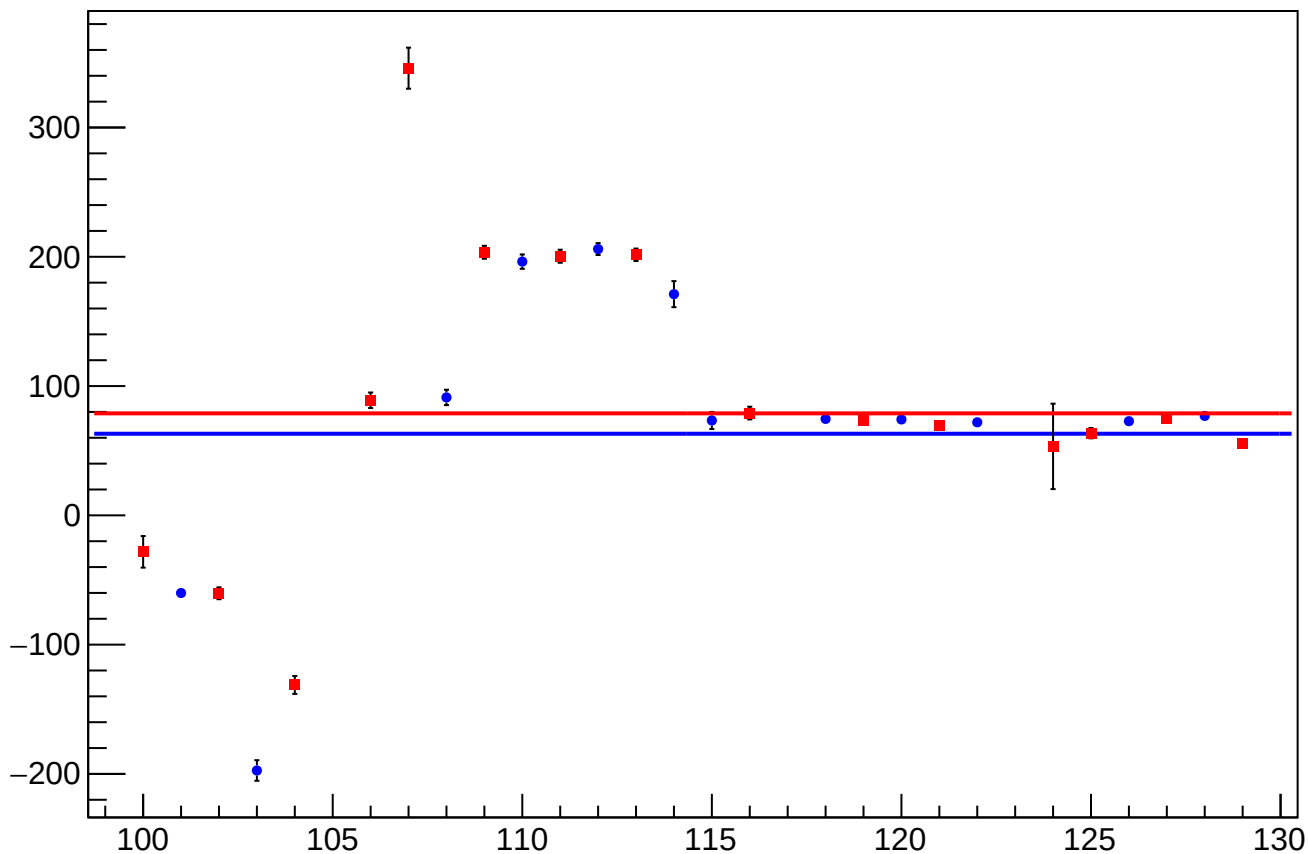
Right: 18.745 $\pm$ 0.743 χ^2 /NDF: 588.6/26

In: 20.211 $\pm$ 1.034 χ^2 /NDF: 366.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.745 $\pm$ 0.743 χ^2 /NDF: 588.6/26

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 63.131+/-1.228 χ^2/NDF : 4458.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

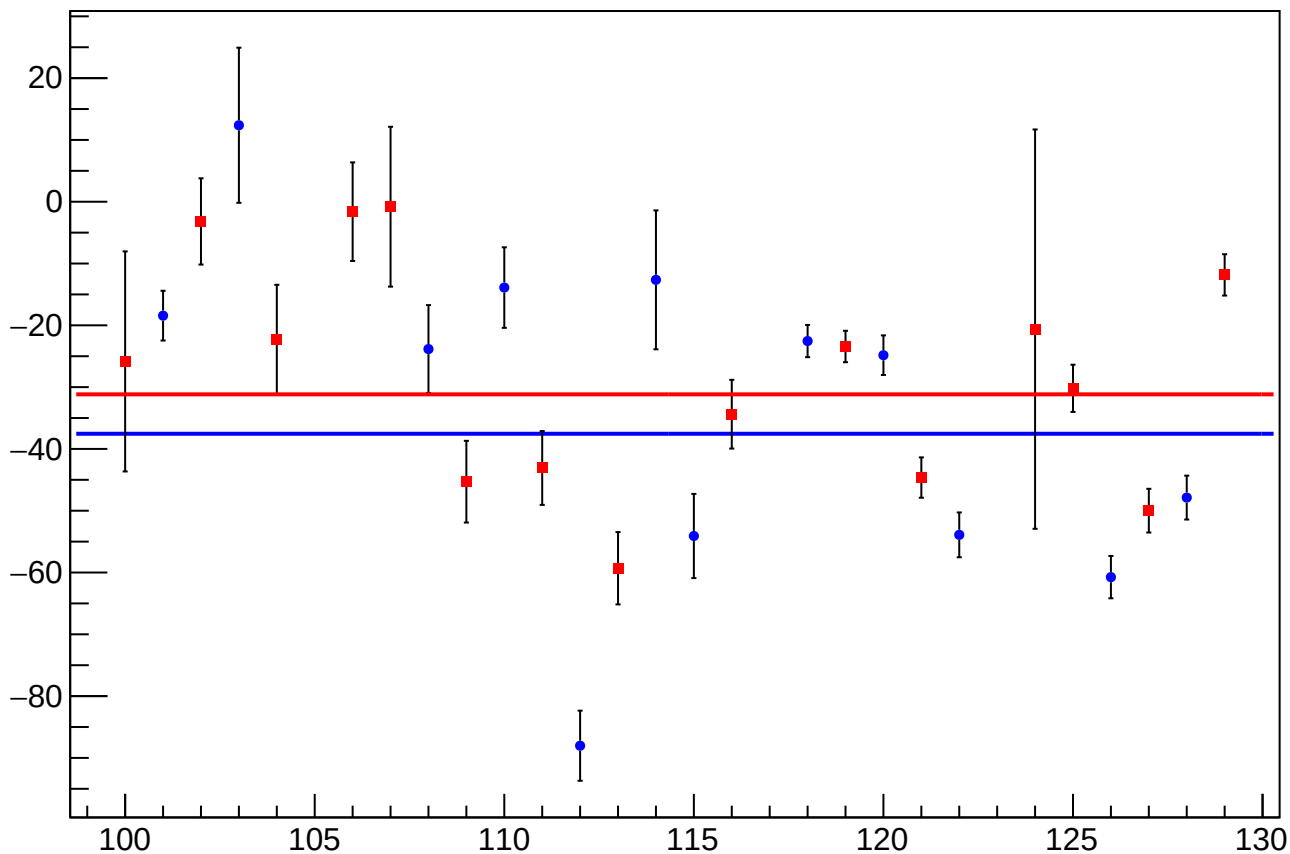
Right: 71.254+/-0.855 χ^2/NDF : 8678.5/26

In: 63.131+/-1.228 χ^2/NDF : 4458.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.254+/-0.855 χ^2/NDF : 8678.5/26

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -37.547 ± 1.234 χ^2/NDF : 268.7/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -31.167 ± 1.233 χ^2/NDF : 156.6/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

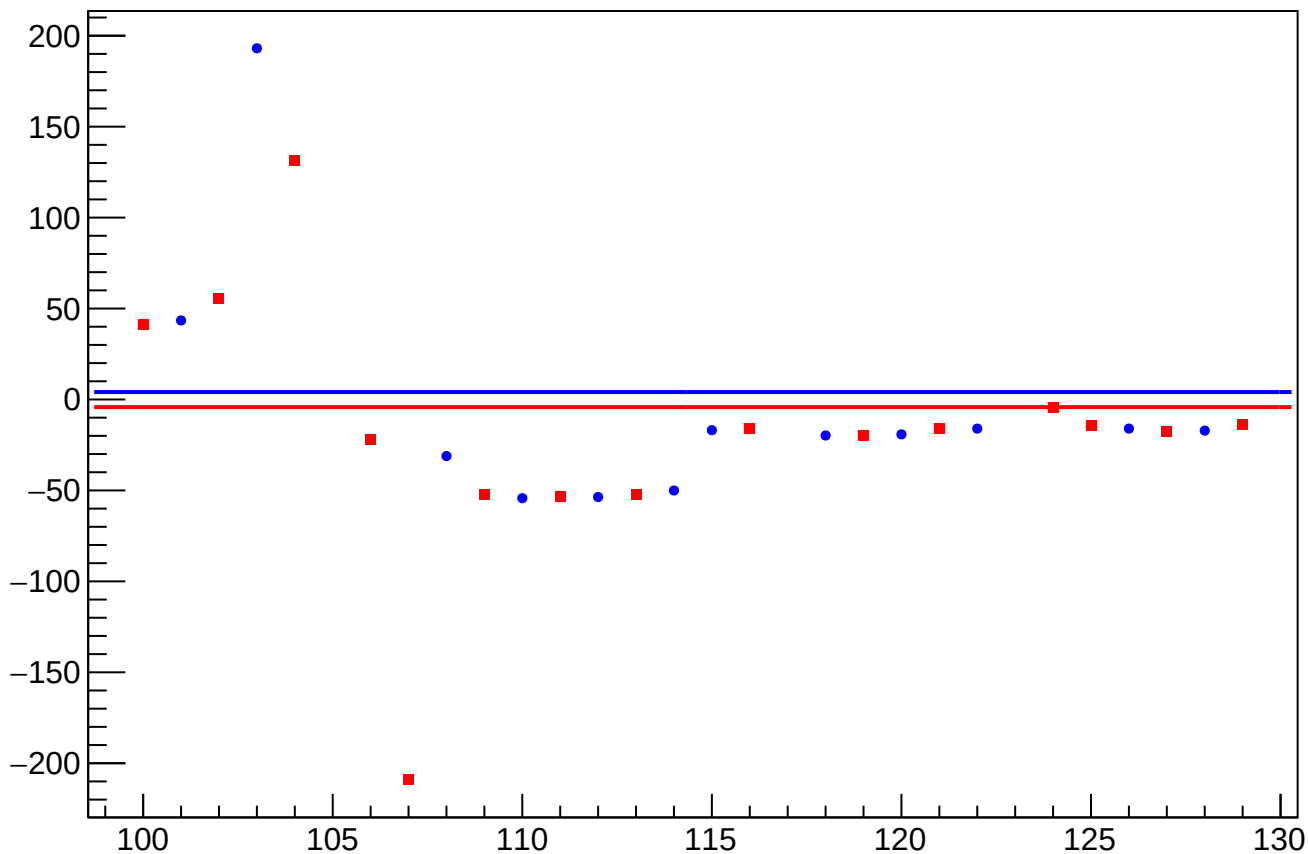
Right: -34.355 ± 0.872 χ^2/NDF : 438.7/26

In: -37.547 ± 1.234 χ^2/NDF : 268.7/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -34.355 ± 0.872 χ^2/NDF : 438.7/26

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 4.076+/-0.085 χ^2/NDF : 464346.9/11

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

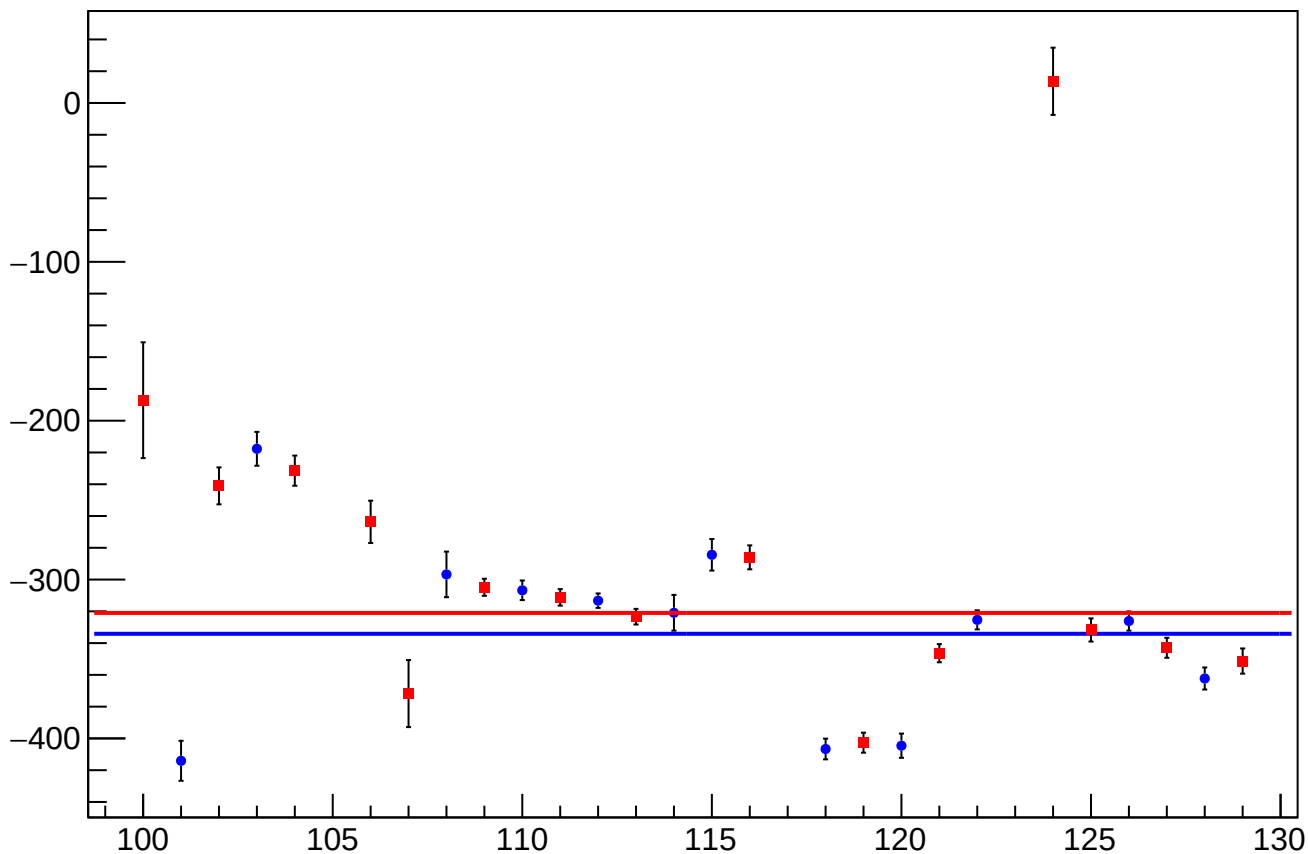
Right: -0.158+/-0.059 χ^2/NDF : 889147.9/26

In: 4.076+/-0.085 χ^2/NDF :464346.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.158+/-0.059 χ^2/NDF : 889147.9/26

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -334.136+/-2.089 χ^2/NDF : 463.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

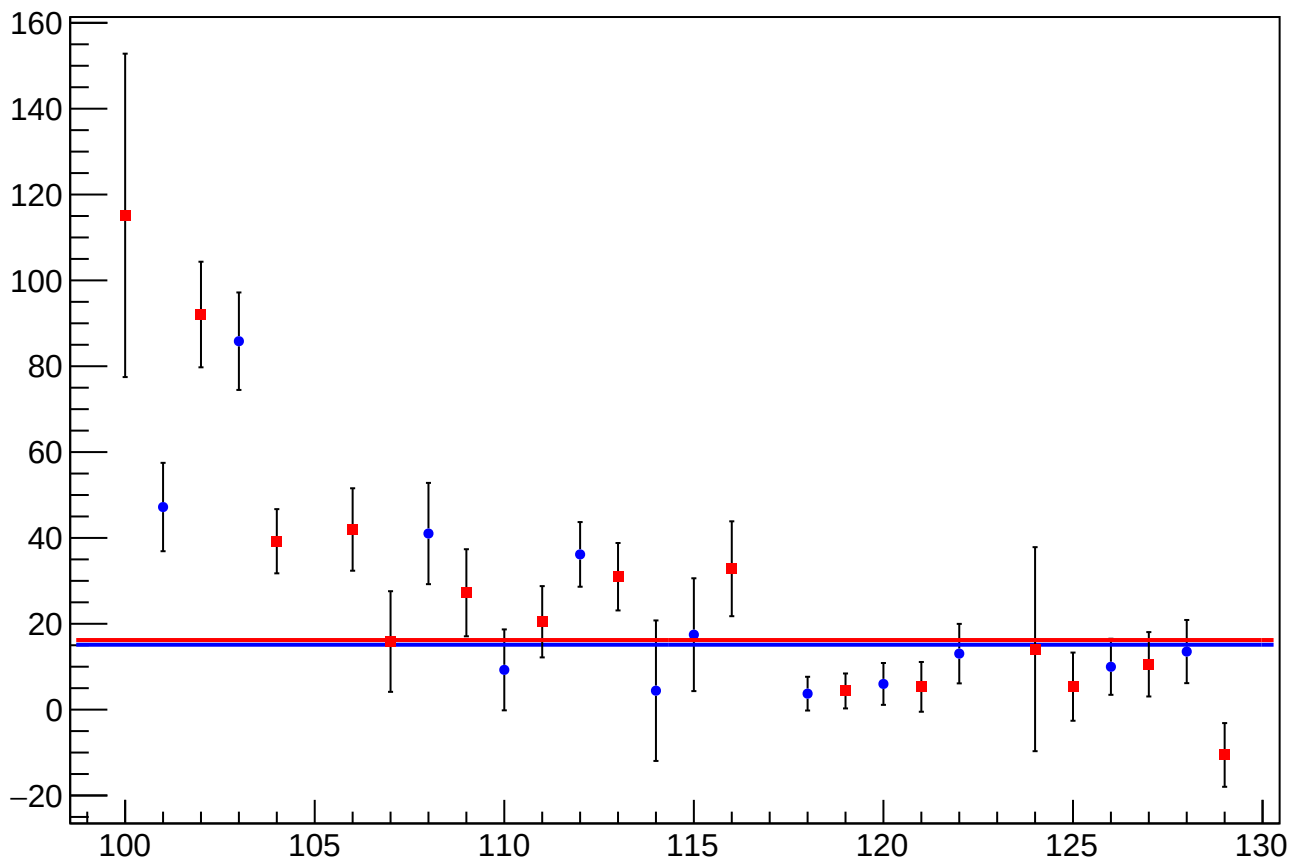
Right: -326.956+/-1.407 χ^2/NDF : 1160.7/26

In: -334.136+/-2.089 χ^2/NDF : 463.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -326.956+/-1.407 χ^2/NDF : 1160.7/26

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.123+/-2.075 χ^2/NDF : 74.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

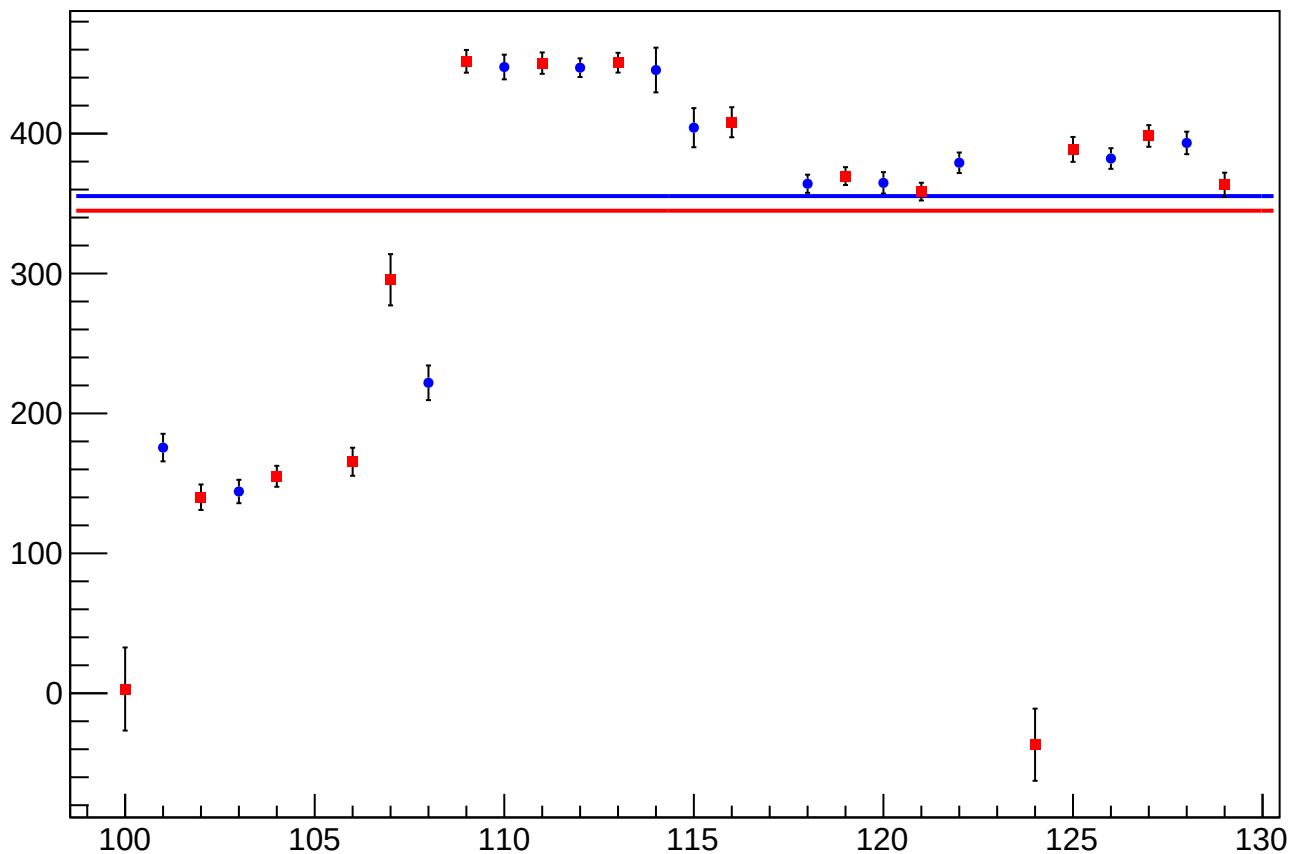
Right: 15.673+/-1.462 χ^2/NDF : 171.1/26

In: 15.123+/-2.075 χ^2/NDF : 74.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.673+/-1.462 χ^2/NDF : 171.1/26

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 355.331+/-2.435 χ^2/NDF : 1479.1/11

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

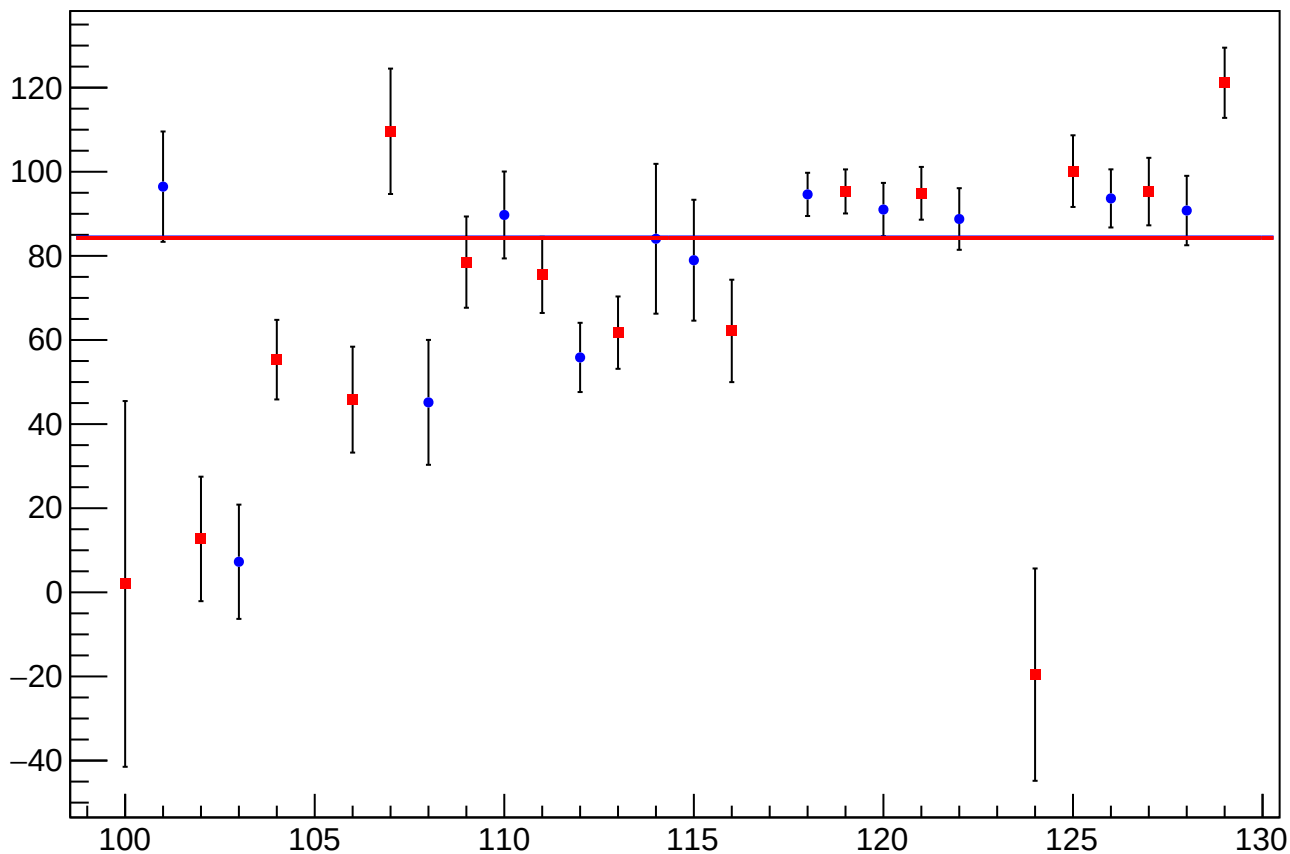
Right: 349.678+/-1.650 χ^2/NDF : 4035.1/26

In: 355.331+/-2.435 χ^2/NDF : 1479.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 349.678+/-1.650 χ^2/NDF : 4035.1/26

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 84.374+/-2.463 χ^2/NDF : 60.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.249+/-2.390 χ^2/NDF : 109.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

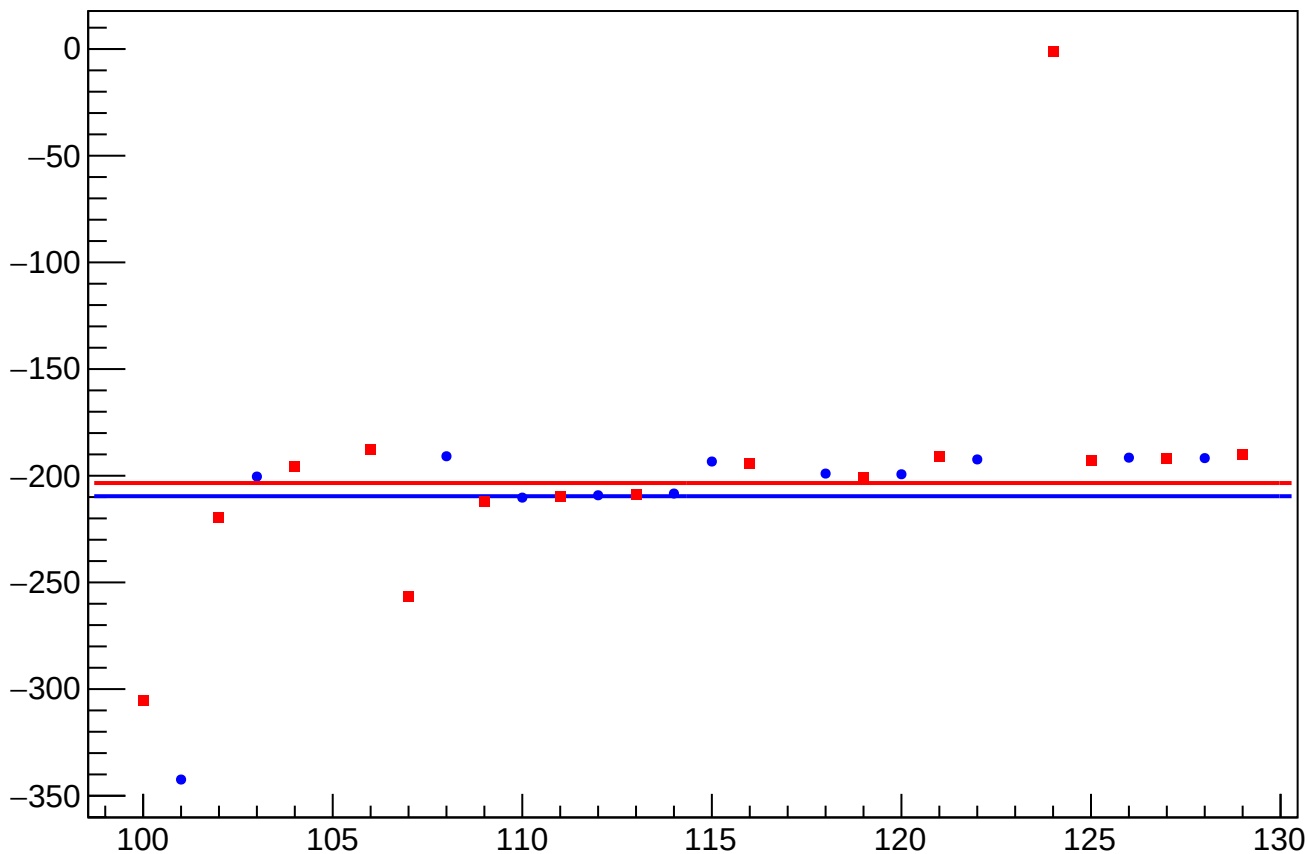
Right: 84.310+/-1.715 χ^2/NDF : 169.4/26

In: 84.374+/-2.463 χ^2/NDF : 60.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.310+/-1.715 χ^2/NDF : 169.4/26

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -209.596 ± 0.164 χ^2/NDF : 56639.7/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

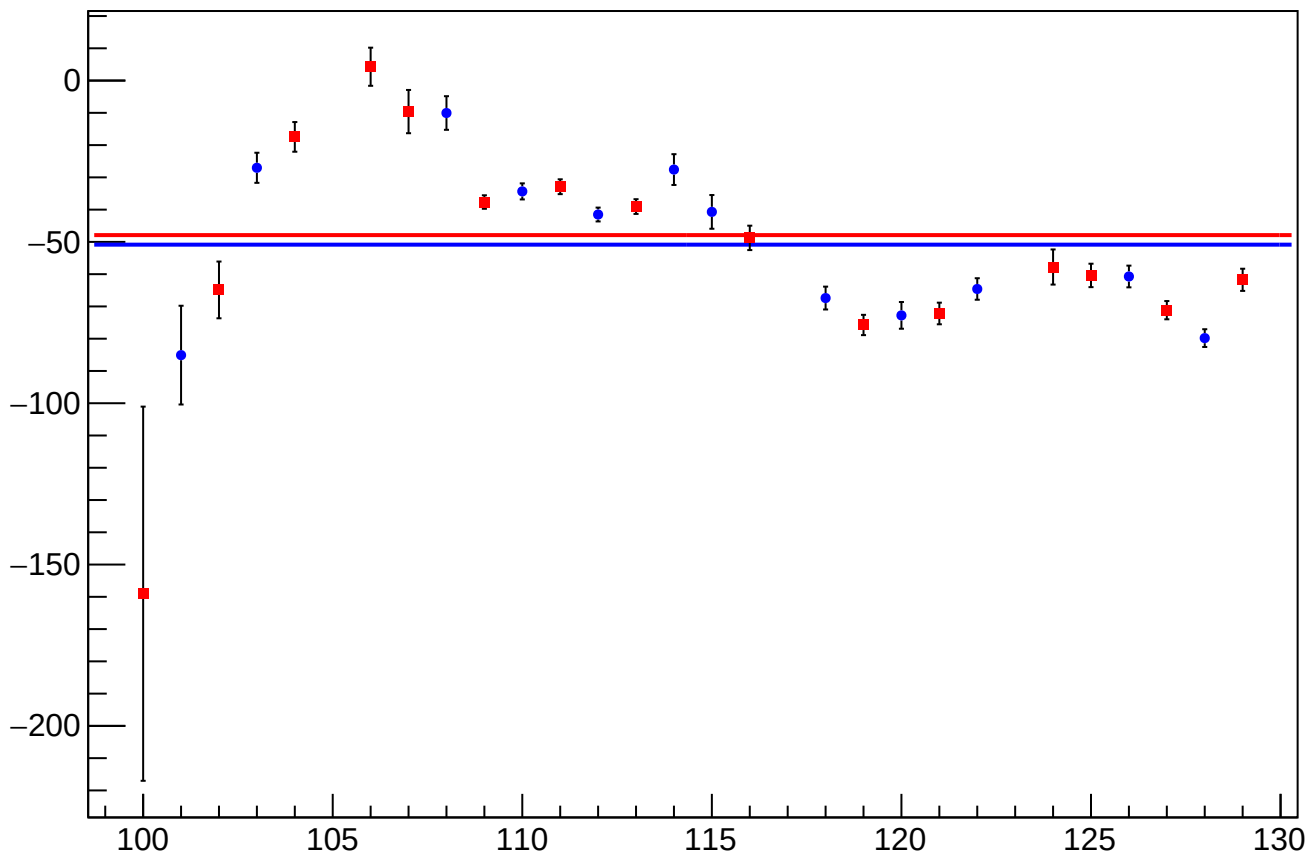
Right: -206.234 ± 0.111 χ^2/NDF : 82918.6/26

In: -209.596 ± 0.164 χ^2/NDF : 56639.7/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -206.234 ± 0.111 χ^2/NDF : 82918.6/26

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -50.855+/-1.003 χ^2/NDF : 369.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

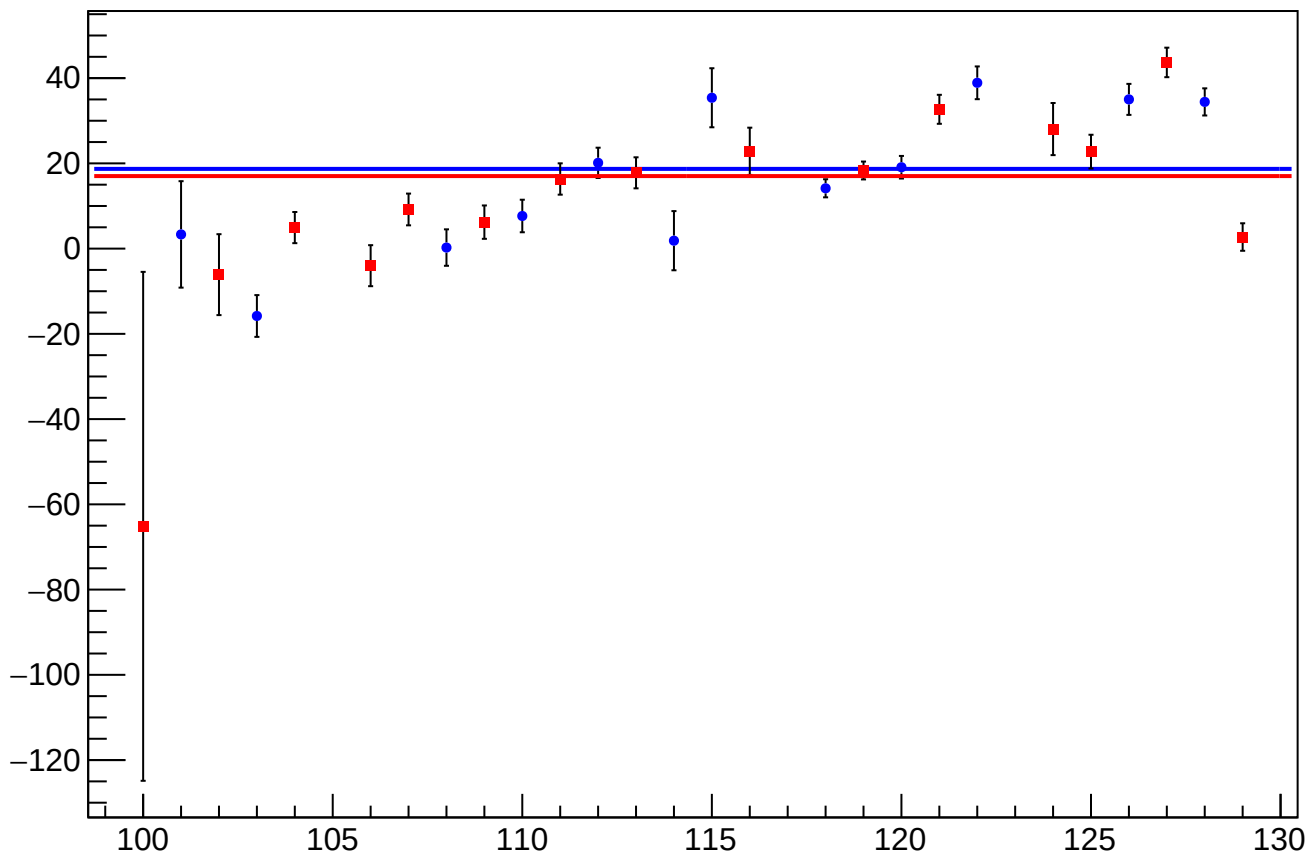
Right: -49.177+/-0.660 χ^2/NDF : 847.4/26

In: -50.855+/-1.003 χ^2/NDF : 369.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -49.177+/-0.660 χ^2/NDF : 847.4/26

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.707+/-1.055 χ^2/NDF : 166.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.017+/-0.984 χ^2/NDF : 157.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

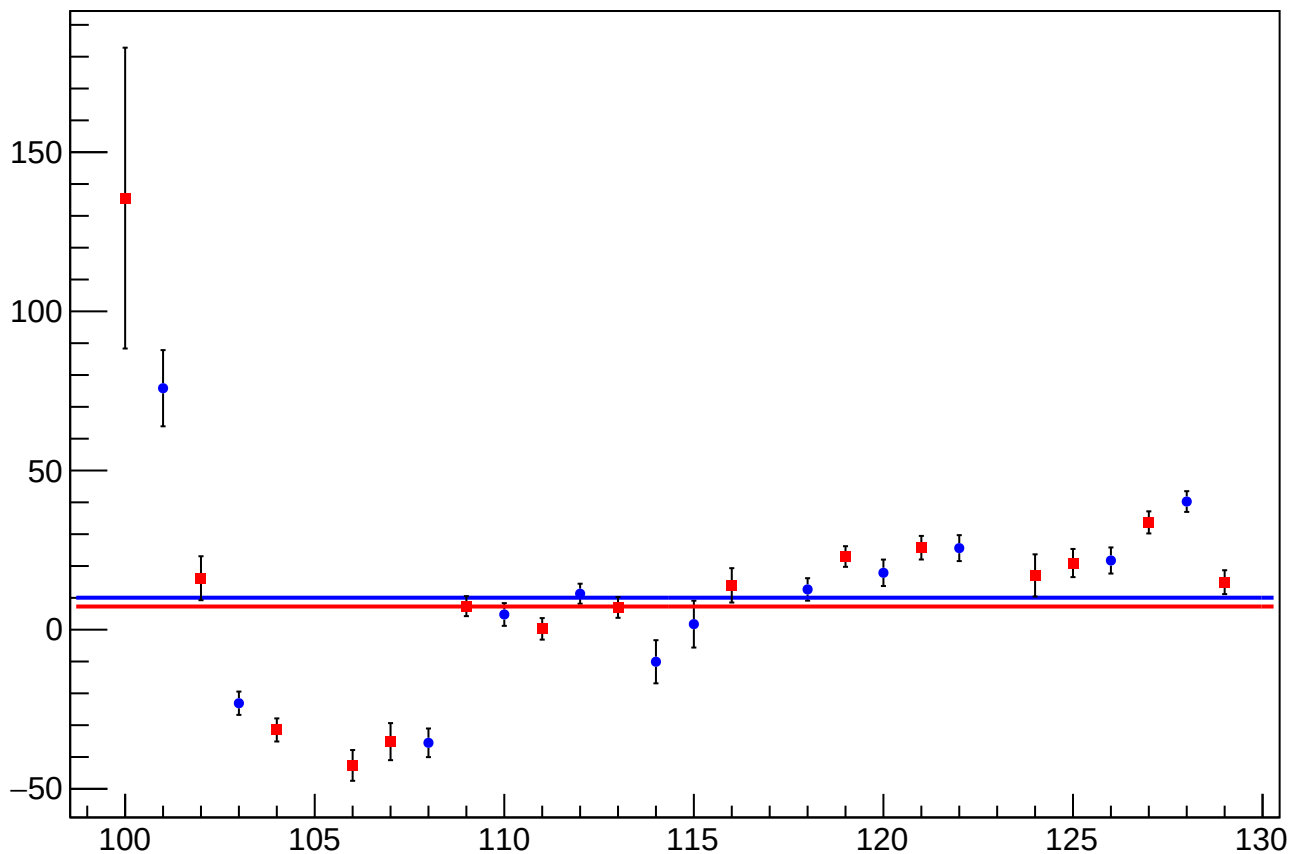
Right: 17.804+/-0.720 χ^2/NDF : 325.0/26

In: 18.707+/-1.055 χ^2/NDF : 166.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.804+/-0.720 χ^2/NDF : 325.0/26

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.048+/-1.192 χ^2/NDF : 340.0/11

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

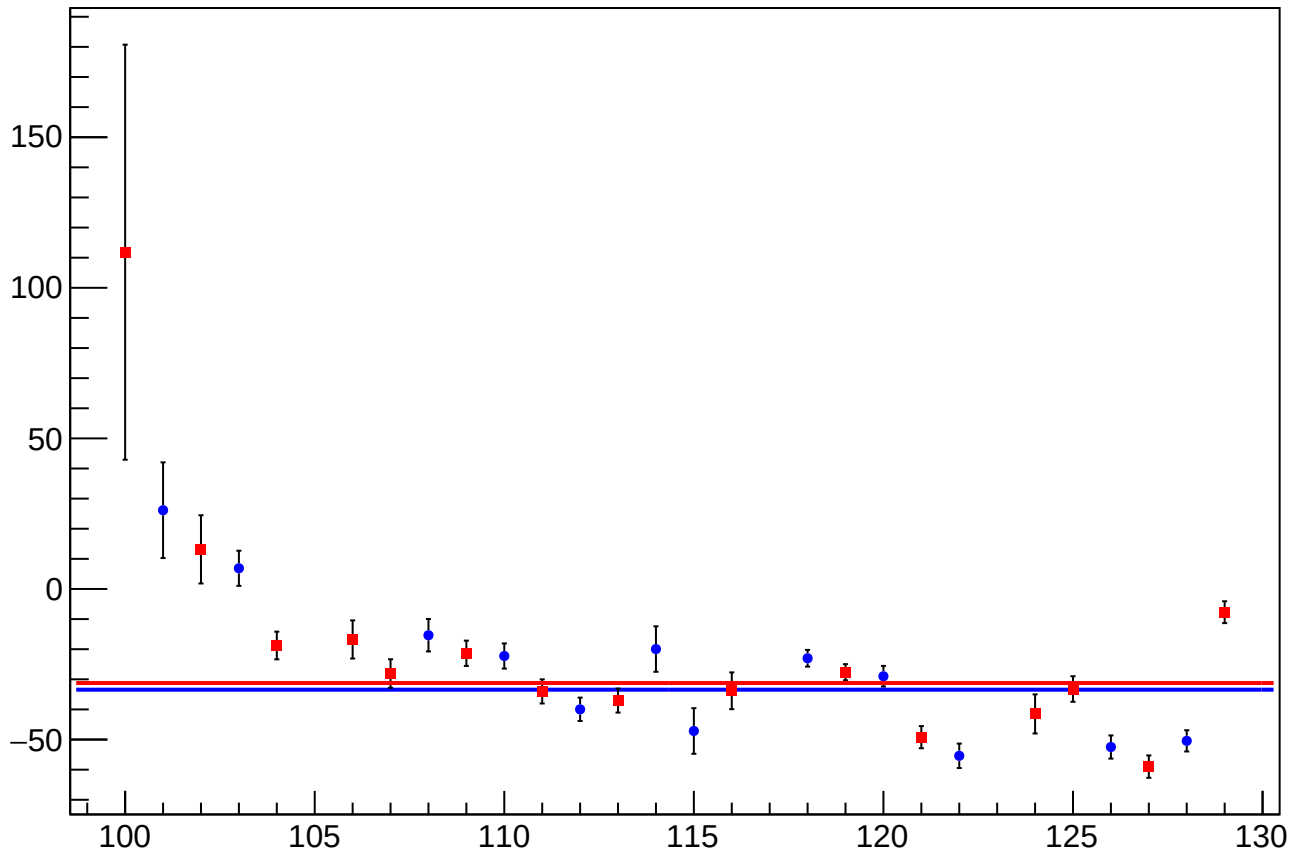
Right: 8.505+/-0.794 χ^2/NDF : 754.2/26

In: 10.048+/-1.192 χ^2/NDF : 340.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.505+/-0.794 χ^2/NDF : 754.2/26

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.444 $\pm$ 1.241 χ^2 /NDF: 182.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -31.230 $\pm$ 1.137 χ^2 /NDF: 167.4/14

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

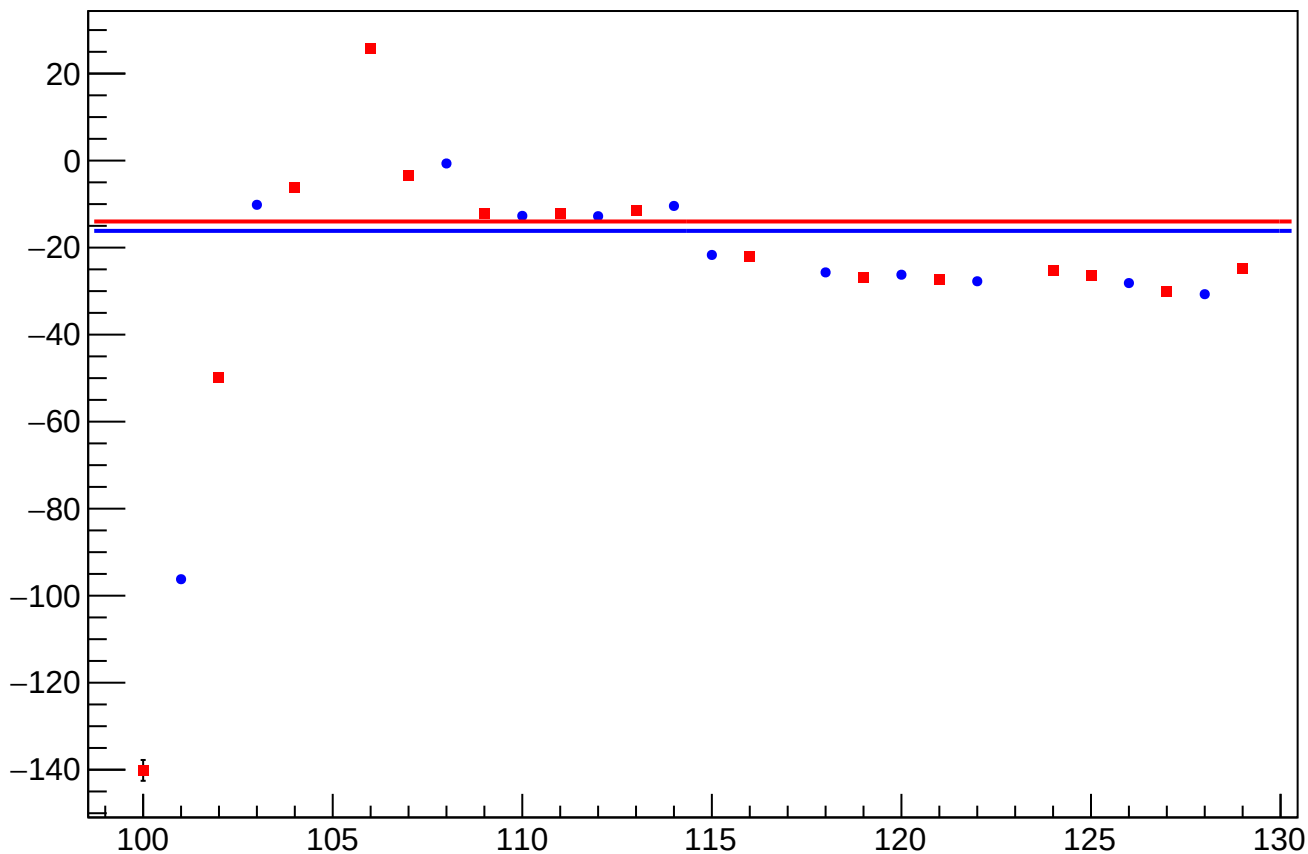
Right: -32.241 $\pm$ 0.838 χ^2 /NDF: 351.3/26

In: -33.444 $\pm$ 1.241 χ^2 /NDF:182.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -32.241 $\pm$ 0.838 χ^2 /NDF: 351.3/26

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.156+/-0.078 χ^2/NDF : 29878.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.994+/-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

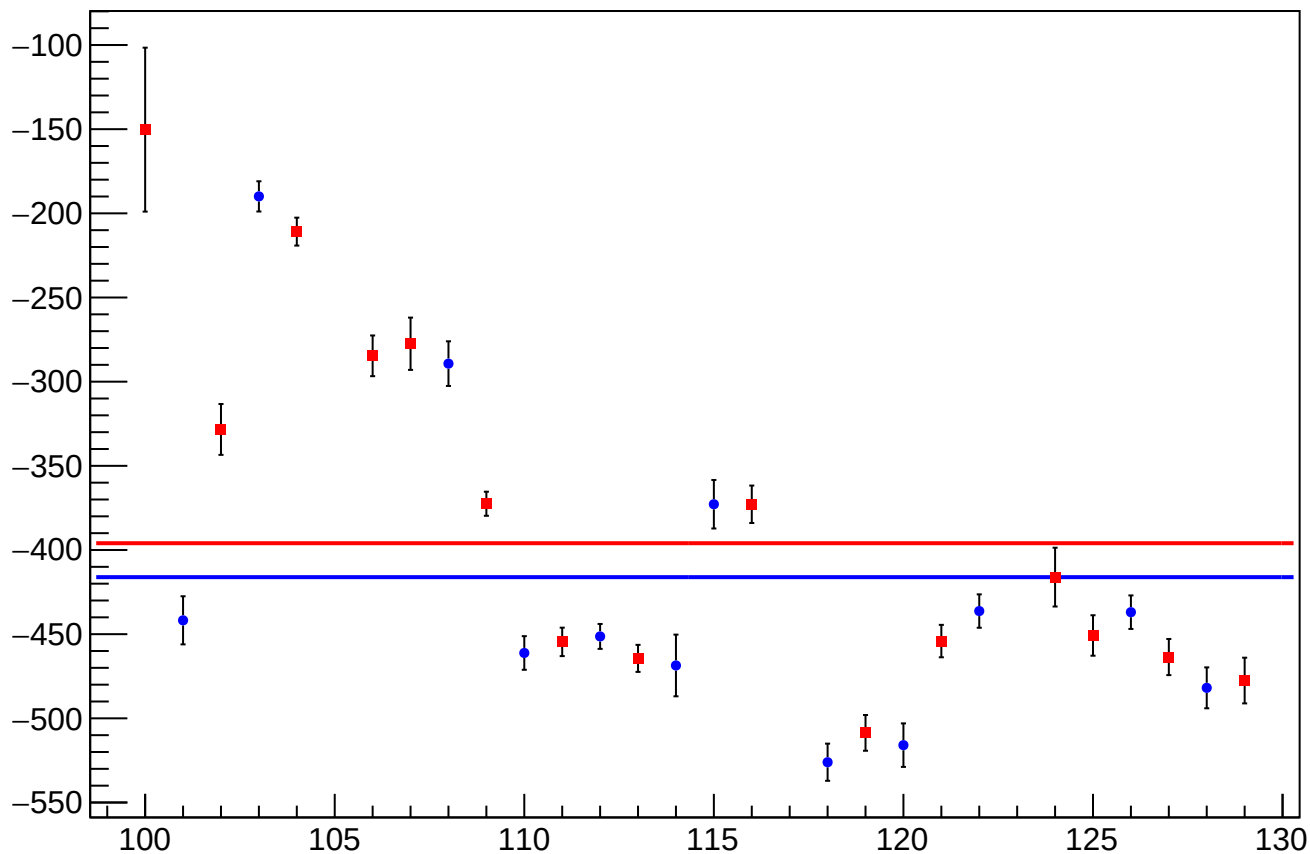
Right: -14.979+/-0.052 χ^2/NDF : 92113.2/26

In: -16.156+/-0.078 χ^2/NDF : 29878.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.979+/-0.052 χ^2/NDF : 92113.2/26

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -416.126+/-3.158 χ^2 /NDF: 986.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -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

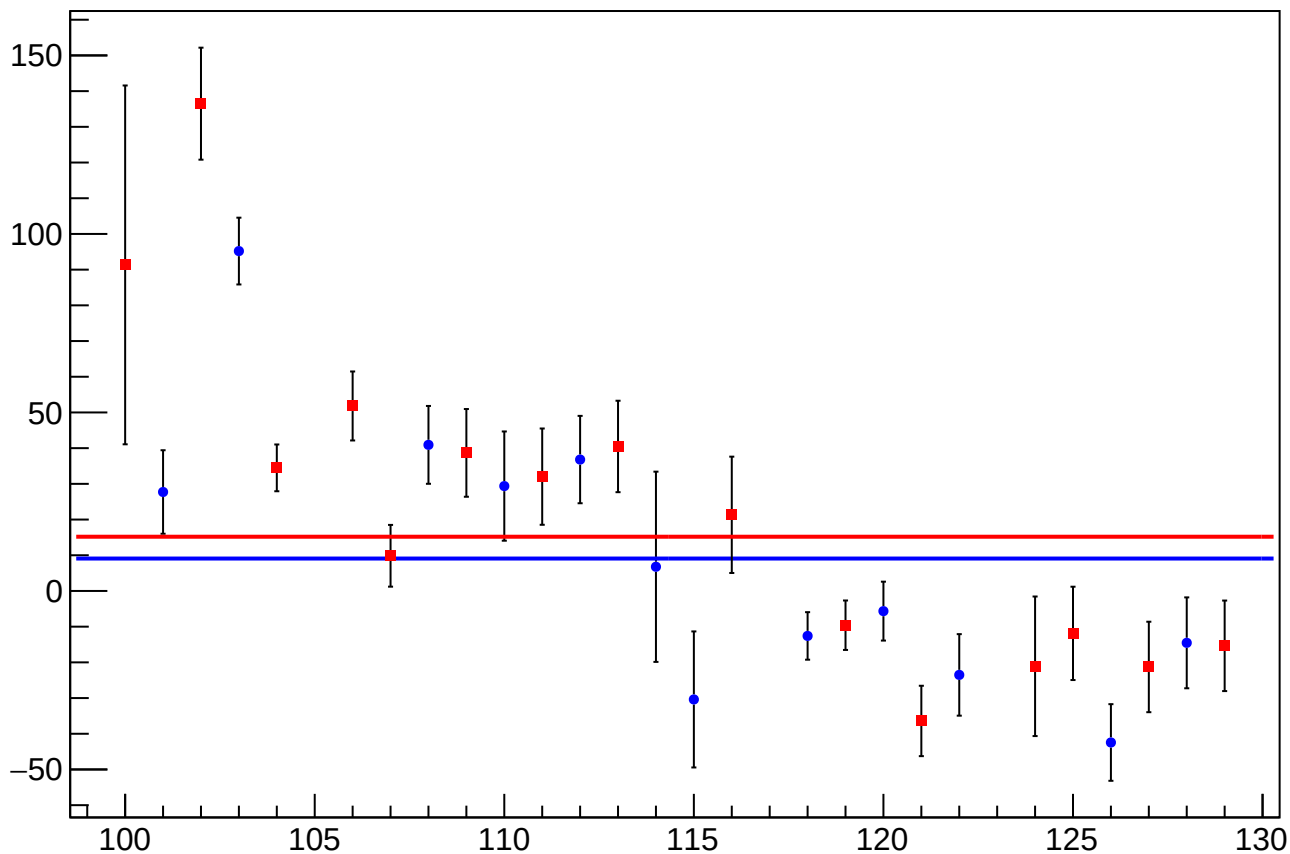
Right: -404.688+/-2.077 χ^2 /NDF: 2078.7/26

In: -416.126+/-3.158 χ^2 /NDF:986.4/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -404.688+/-2.077 χ^2 /NDF: 2078.7/26

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.080+/-3.130 χ^2/NDF : 155.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

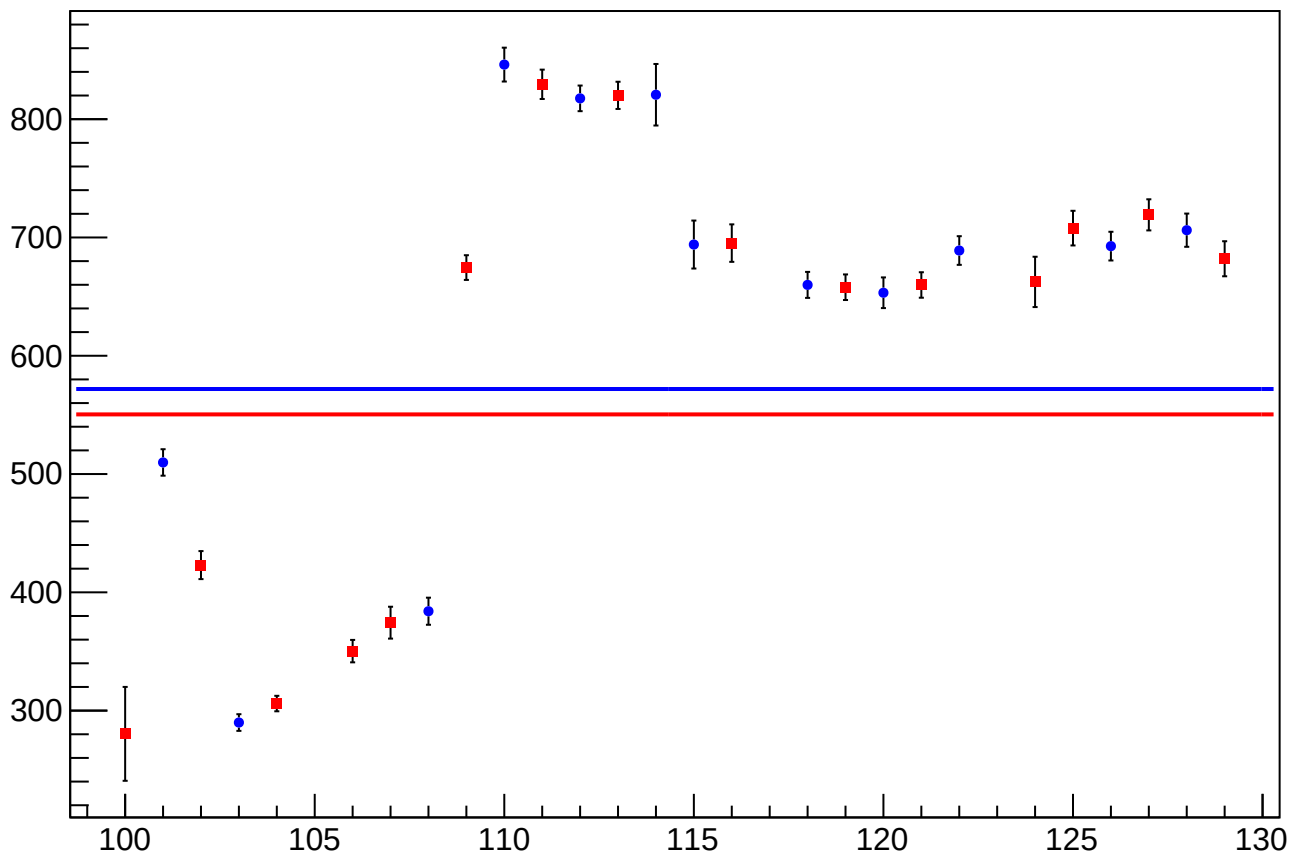
Right: 12.455+/-2.094 χ^2/NDF : 314.4/26

In: 9.080+/-3.130 χ^2/NDF : 155.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.455+/-2.094 χ^2/NDF : 314.4/26

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 571.889+/-3.410 χ^2/NDF : 3298.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 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

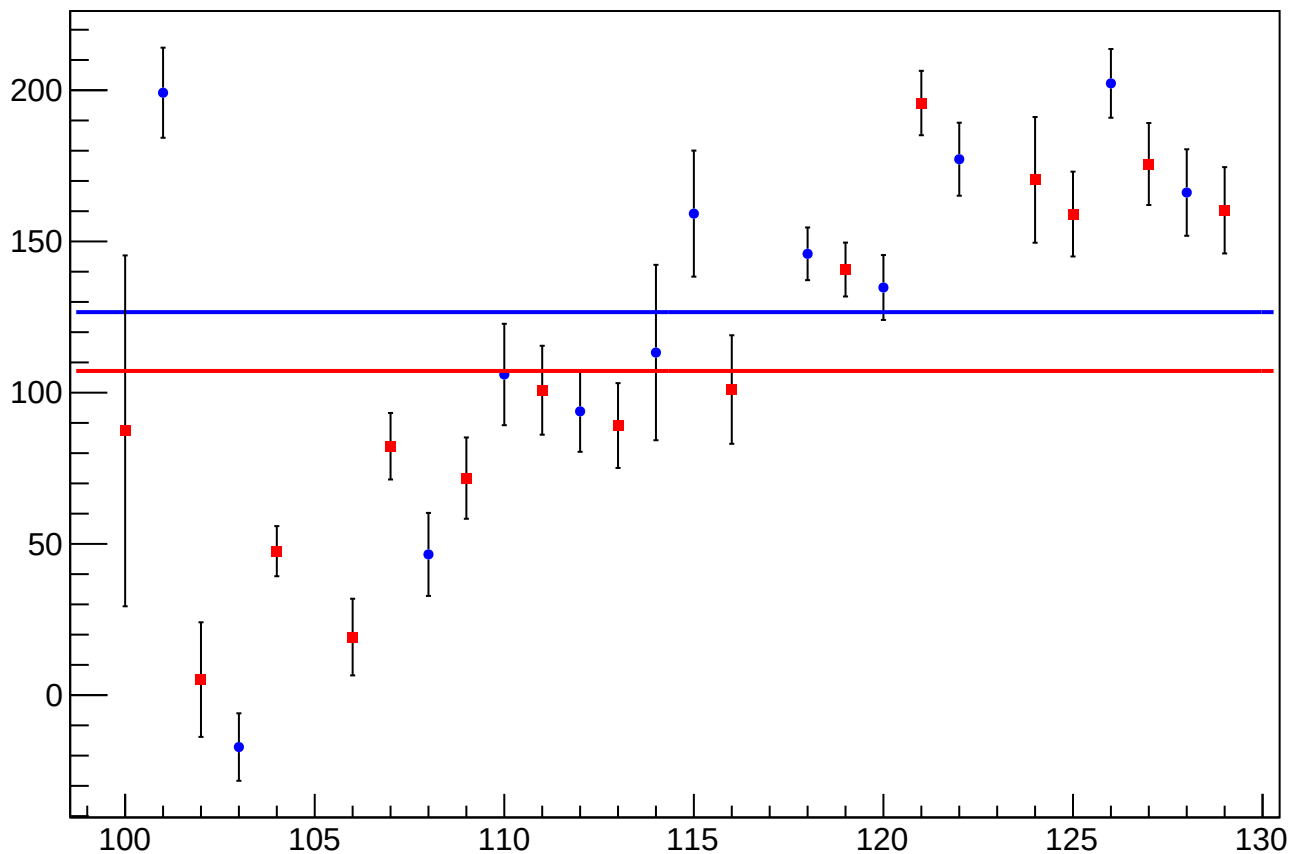
Right: 559.871+/-2.263 χ^2/NDF : 7363.9/26

In: 571.889+/-3.410 χ^2/NDF :3298.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 559.871+/-2.263 χ^2/NDF : 7363.9/26

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 126.629+/-3.730 χ^2/NDF : 309.0/11

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

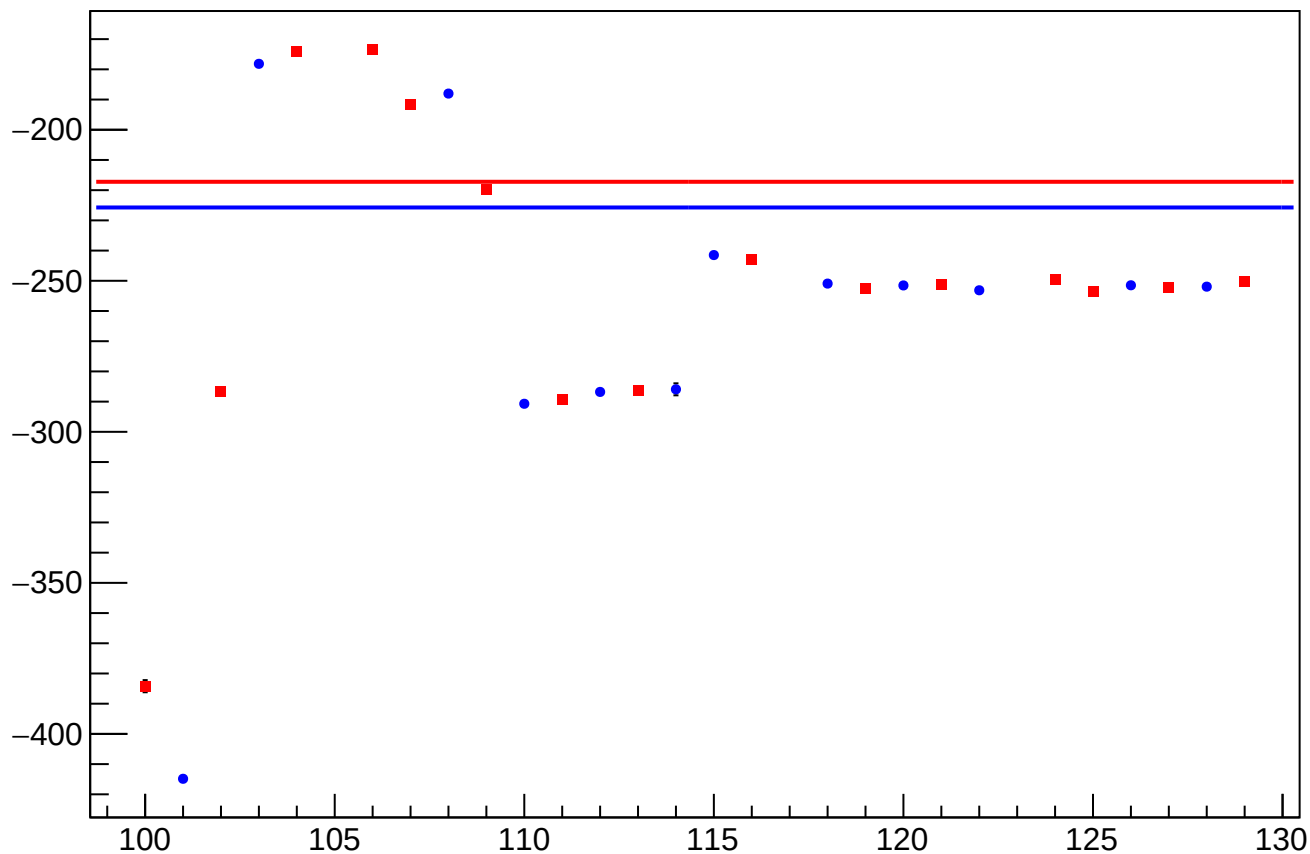
Right: 115.832+/-2.488 χ^2/NDF : 612.9/26

In: 126.629+/-3.730 χ^2/NDF : 309.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.832+/-2.488 χ^2/NDF : 612.9/26

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -225.729+/-0.195 χ^2/NDF : 125601.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -217.225+/-0.178 χ^2/NDF : 71646.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

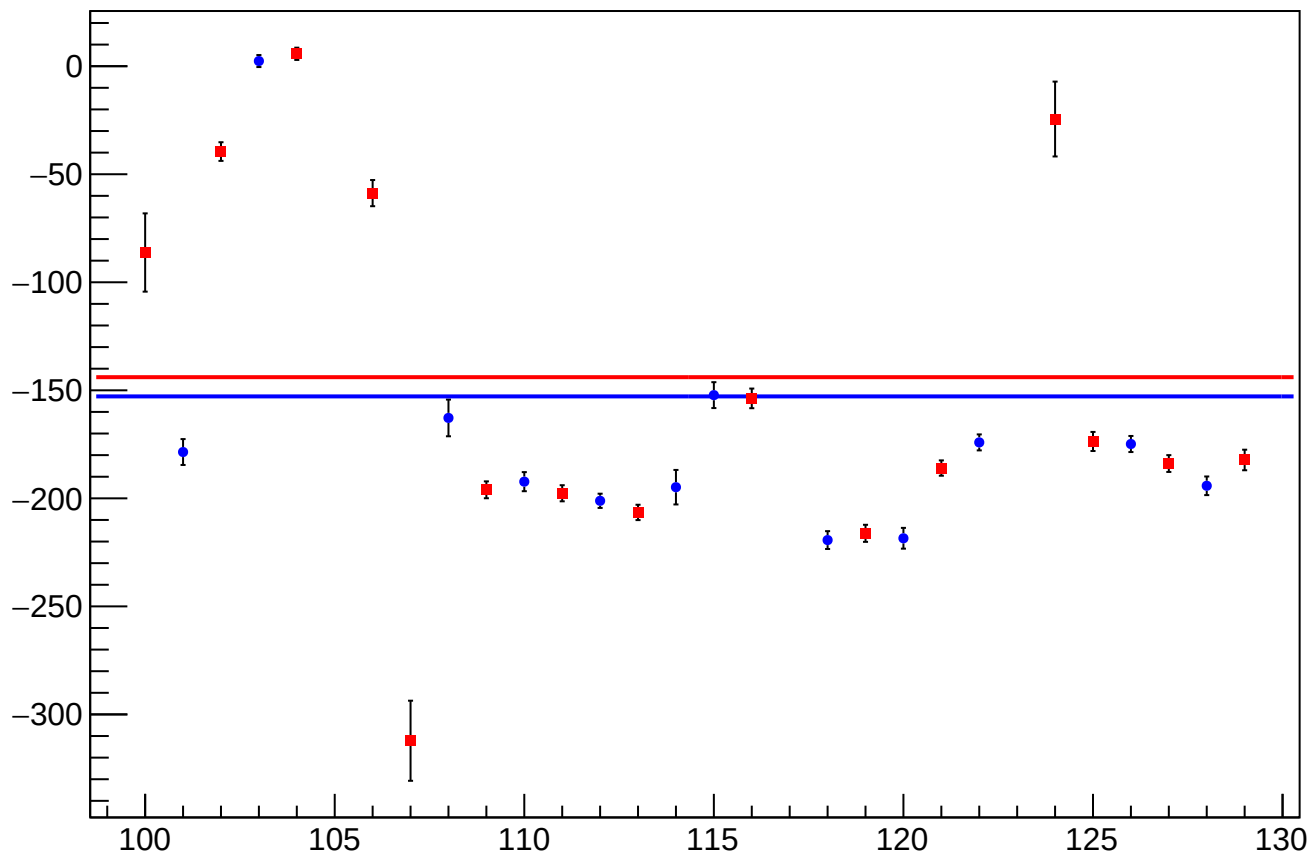
Right: -221.107+/-0.131 χ^2/NDF : 198285.9/26

In: -225.729+/-0.195 χ^2/NDF : 125601.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -221.107+/-0.131 χ^2/NDF : 198285.9/26

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -152.821+/-1.232 χ^2/NDF : 4067.2/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

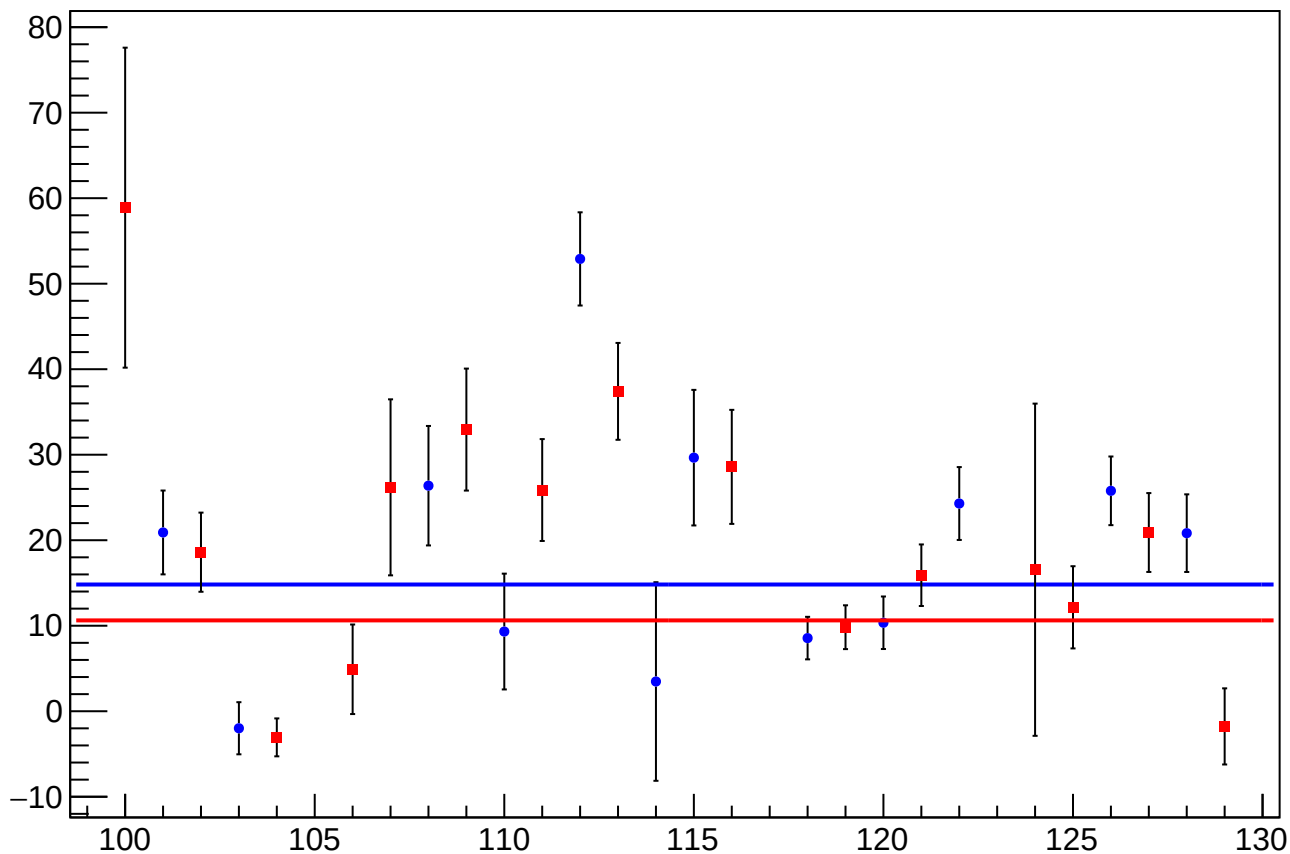
Right: -147.986+/-0.832 χ^2/NDF : 9188.0/26

In: -152.821+/-1.232 χ^2/NDF :4067.2/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -147.986+/-0.832 χ^2/NDF : 9188.0/26

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.821+/-1.211 χ^2/NDF : 111.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

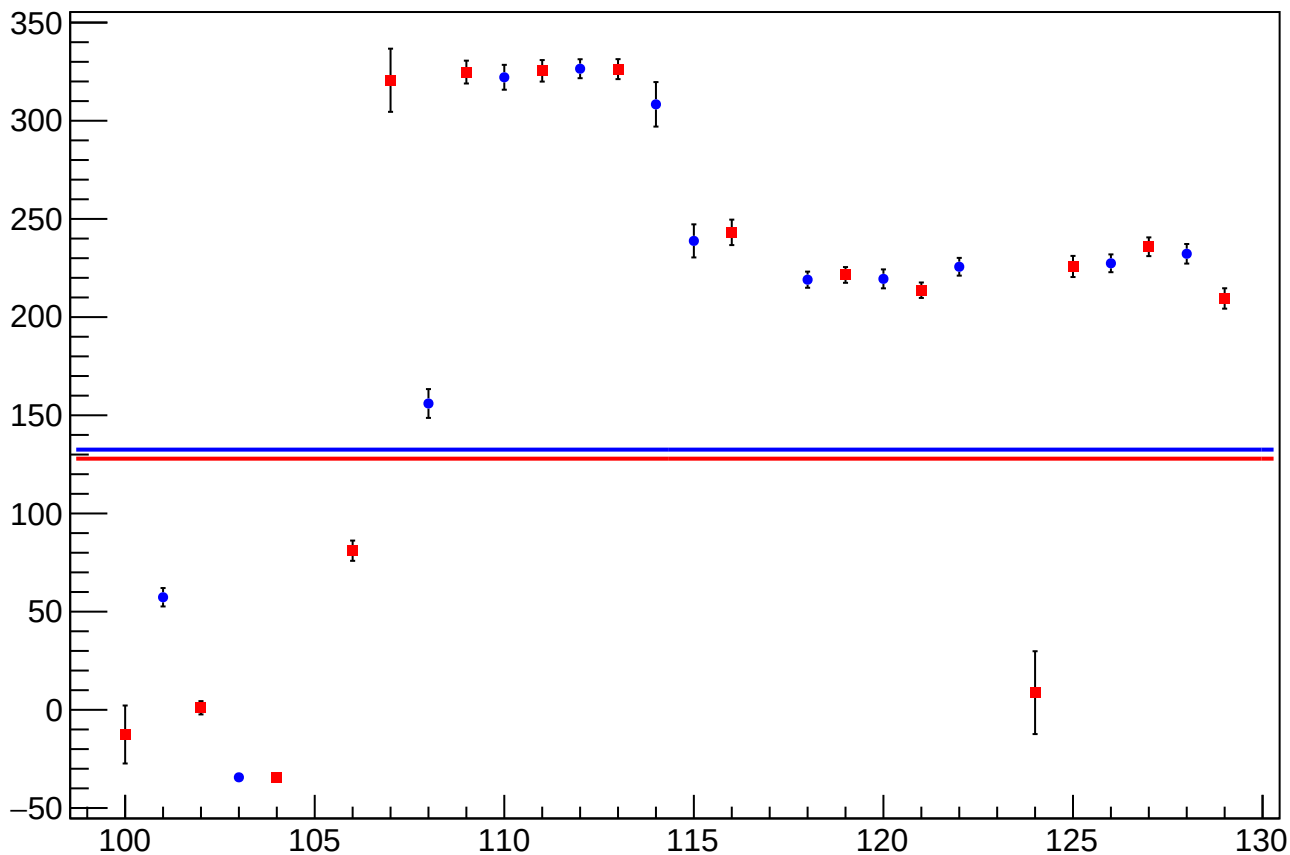
Right: 12.591+/-0.829 χ^2/NDF : 229.9/26

In: 14.821+/-1.211 χ^2/NDF : 111.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.591+/-0.829 χ^2/NDF : 229.9/26

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 132.516+/-1.287 χ^2/NDF : 11051.5/11

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

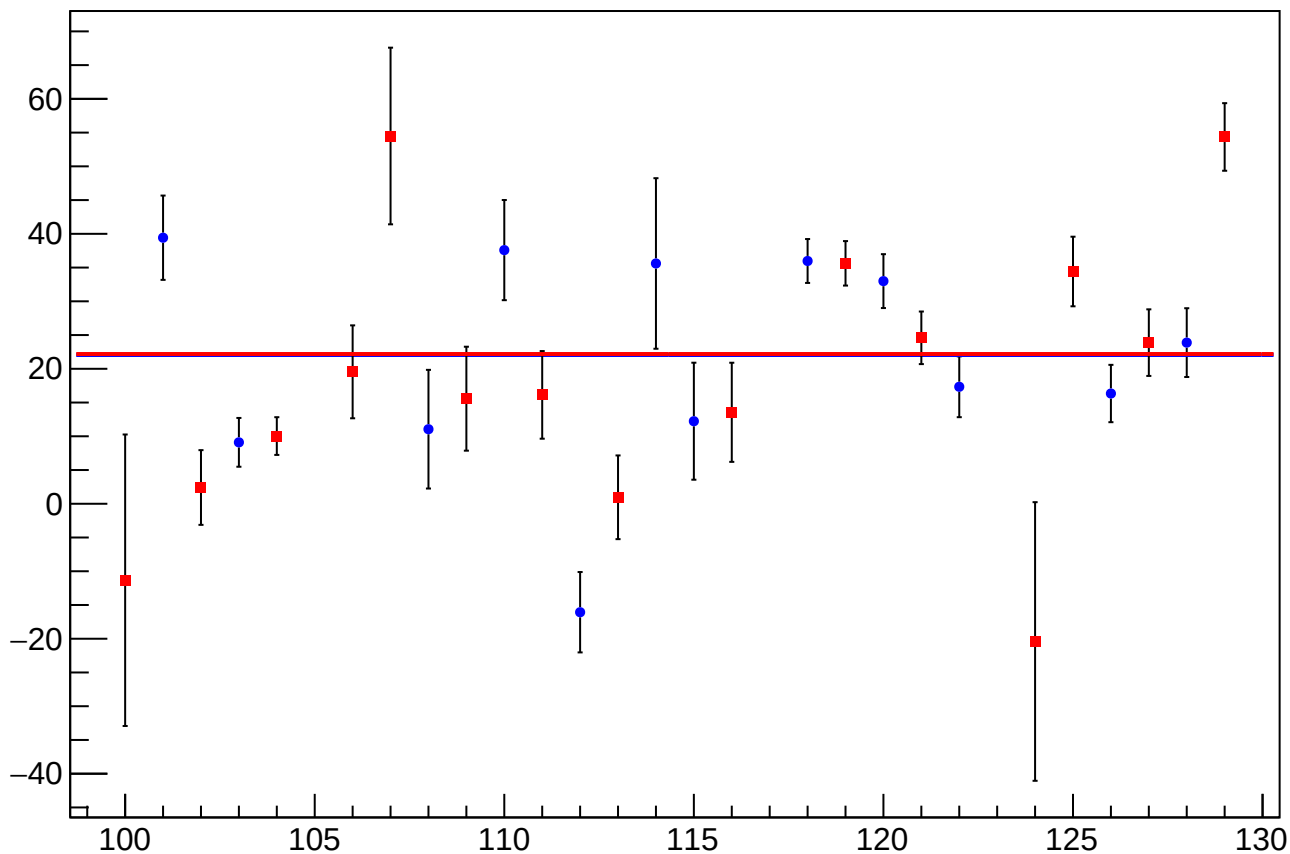
Right: 130.038+/-0.875 χ^2/NDF : 24451.7/26

In: 132.516+/-1.287 χ^2/NDF : 11051.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.038+/-0.875 χ^2/NDF : 24451.7/26

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.048+/-1.441 χ^2/NDF : 98.8/11

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

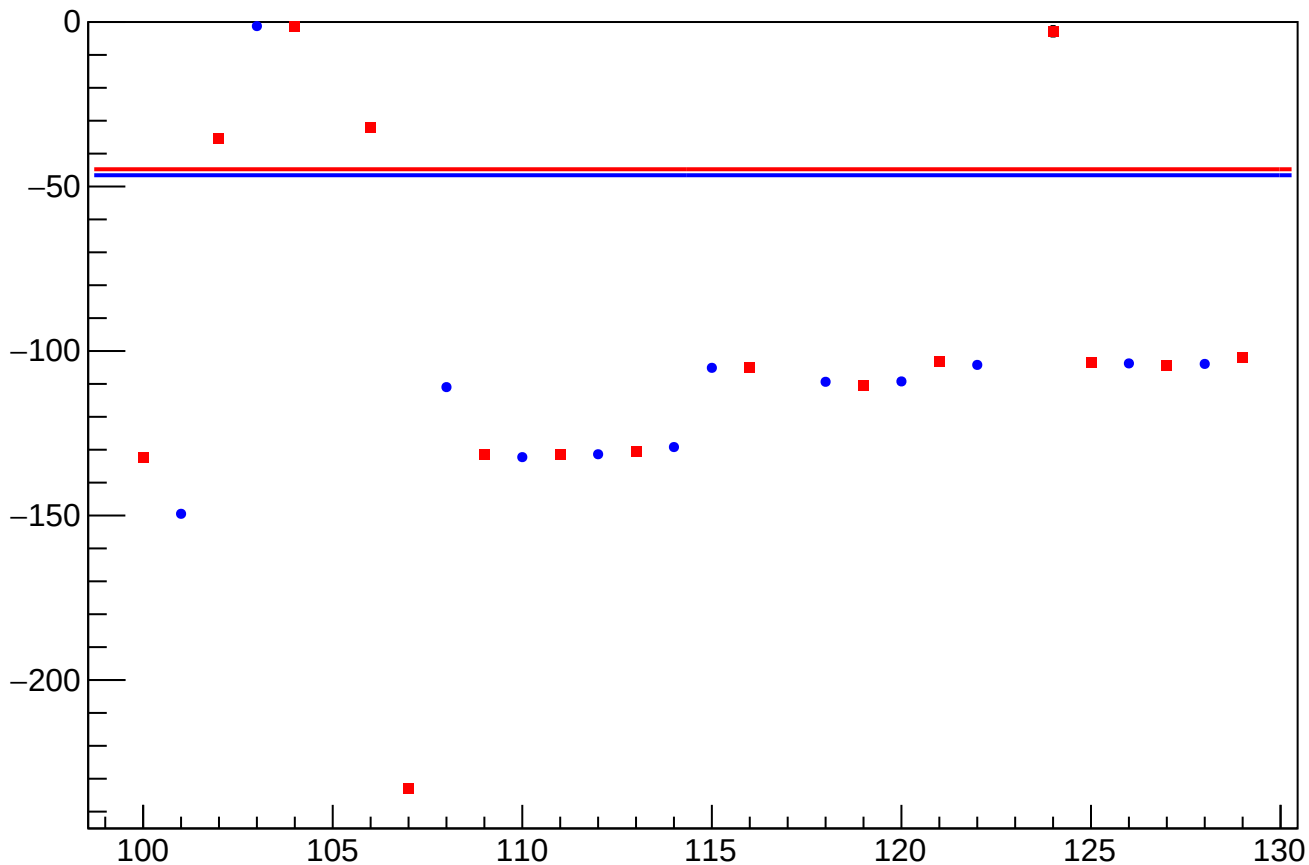
Right: 22.123+/-0.983 χ^2/NDF : 222.1/26

In: 22.048+/-1.441 χ^2/NDF : 98.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.123+/-0.983 χ^2/NDF : 222.1/26

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -46.574+/-0.071 χ^2/NDF : 664978.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -44.753+/-0.067 χ^2/NDF : 557115.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

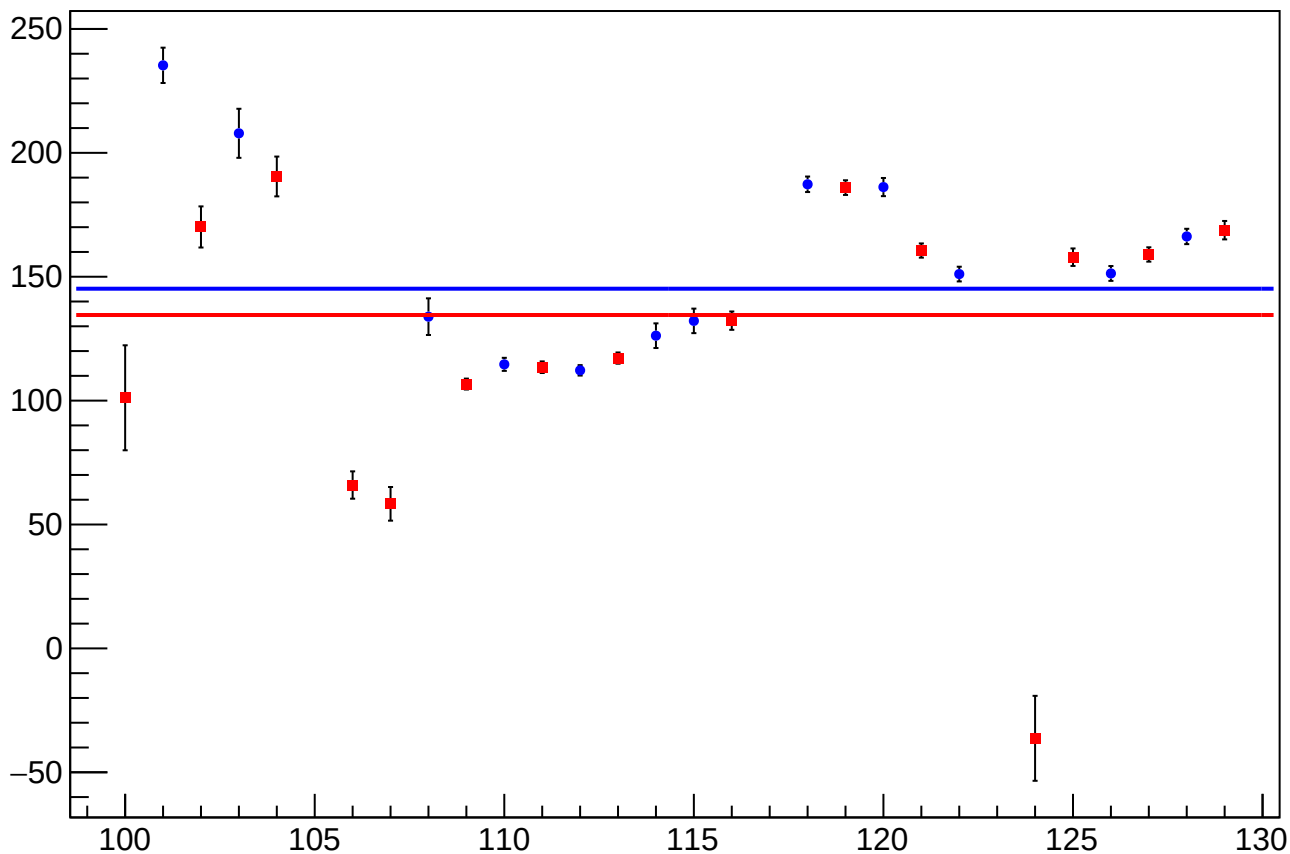
Right: -45.606+/-0.049 χ^2/NDF : 1222444.6/26

In: -46.574+/-0.071 χ^2/NDF : 664978.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -45.606+/-0.049 χ^2/NDF : 1222444.6/26

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 145.169+/-0.998 χ^2/NDF : 964.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.554+/-0.893 χ^2/NDF : 1333.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

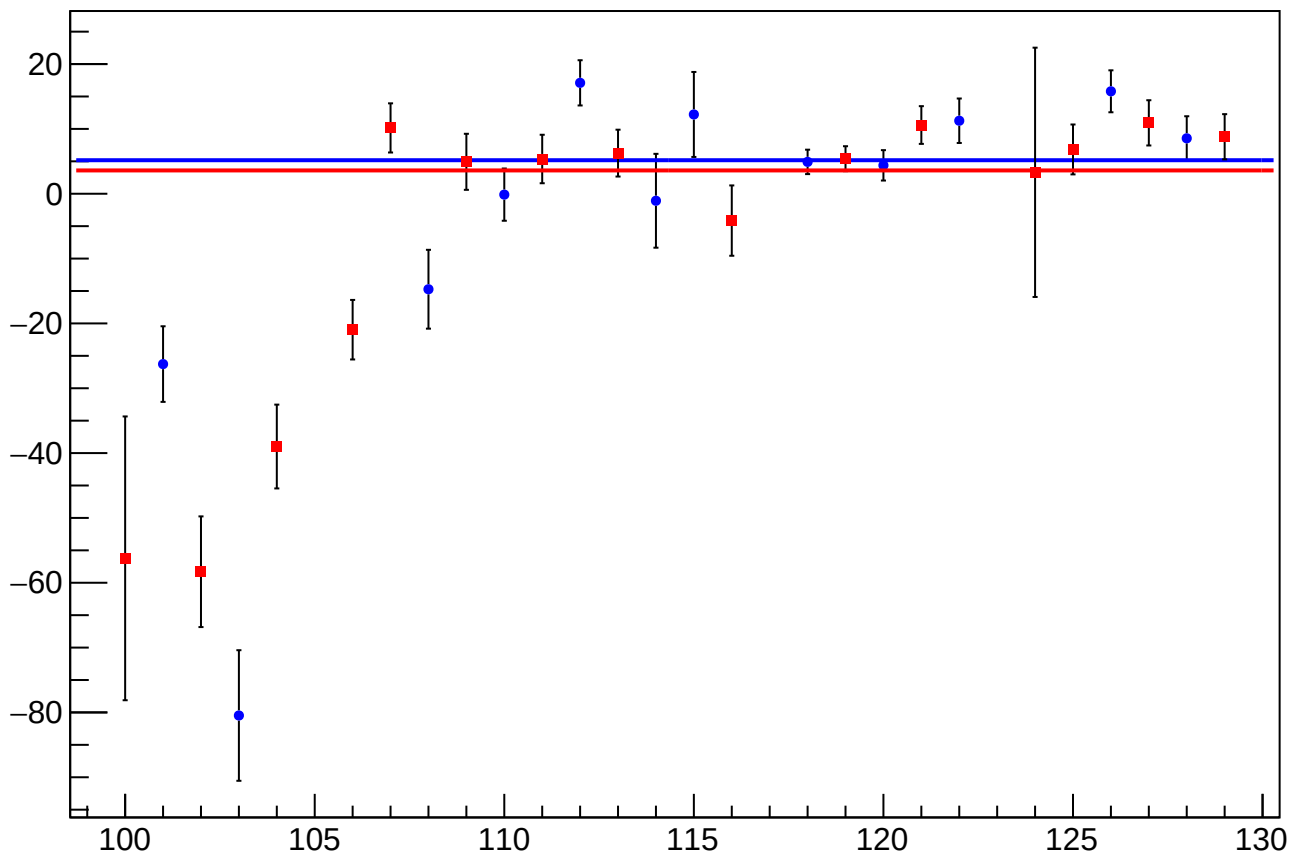
Right: 139.275+/-0.665 χ^2/NDF : 2360.0/26

In: 145.169+/-0.998 χ^2/NDF : 964.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.275+/-0.665 χ^2/NDF : 2360.0/26

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.171+/-1.008 χ^2/NDF : 142.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.596+/-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

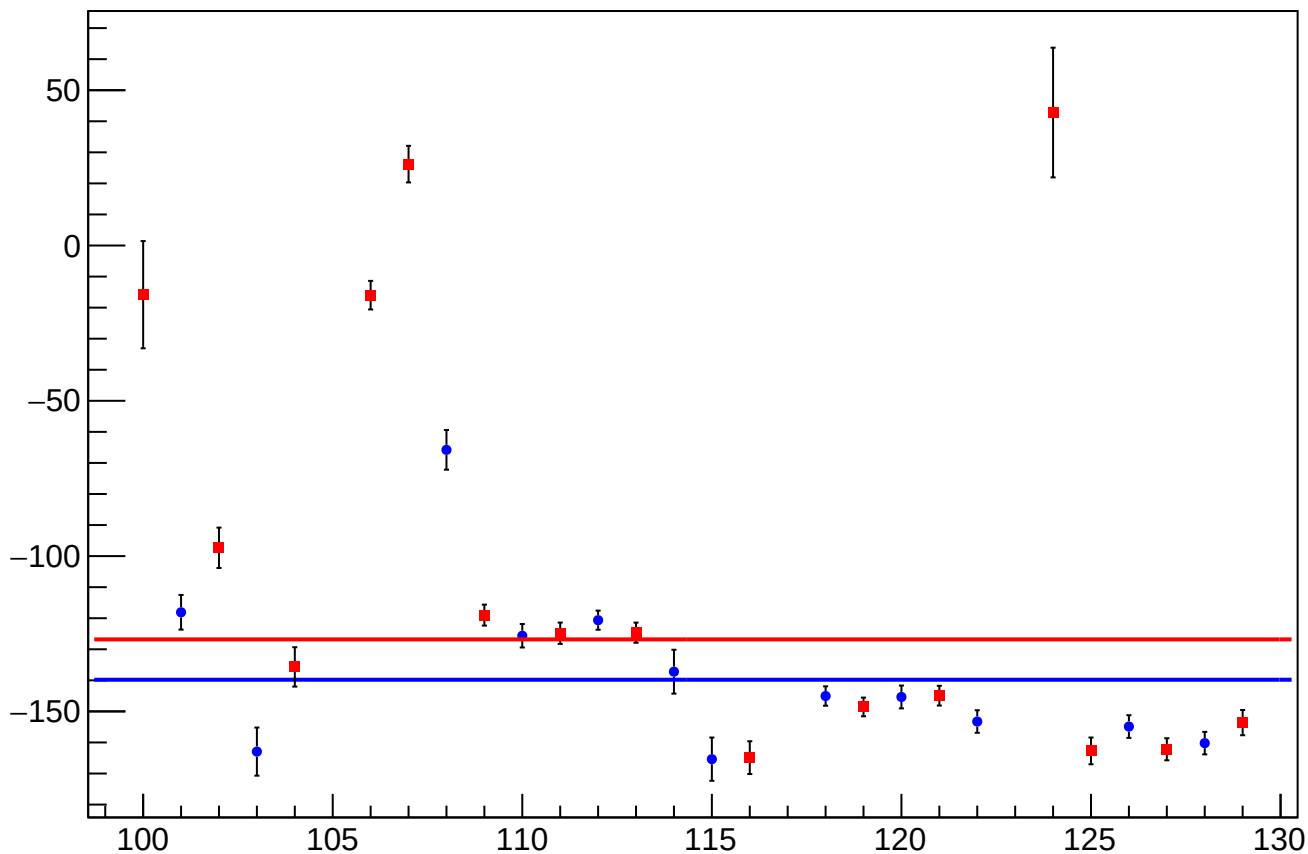
Right: 4.371+/-0.707 χ^2/NDF : 295.7/26

In: 5.171+/-1.008 χ^2/NDF : 142.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.371+/-0.707 χ^2/NDF : 295.7/26

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -139.802 ± 1.201 χ^2/NDF : 292.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

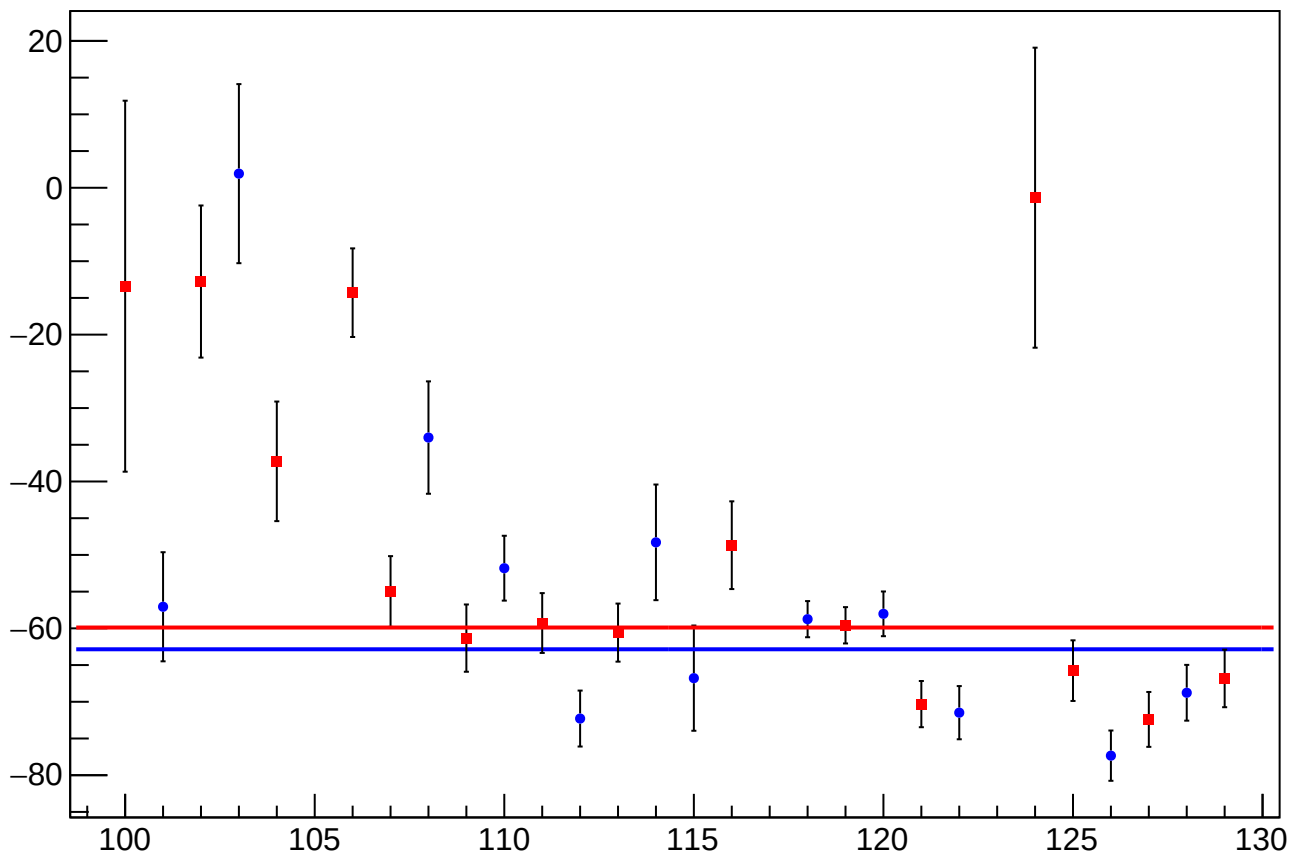
Right: -132.696 ± 0.808 χ^2/NDF : 2096.5/26

In: -139.802 ± 1.201 χ^2/NDF : 292.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -132.696 ± 0.808 χ^2/NDF : 2096.5/26

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -62.851+/-1.194 χ^2/NDF : 90.4/11

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

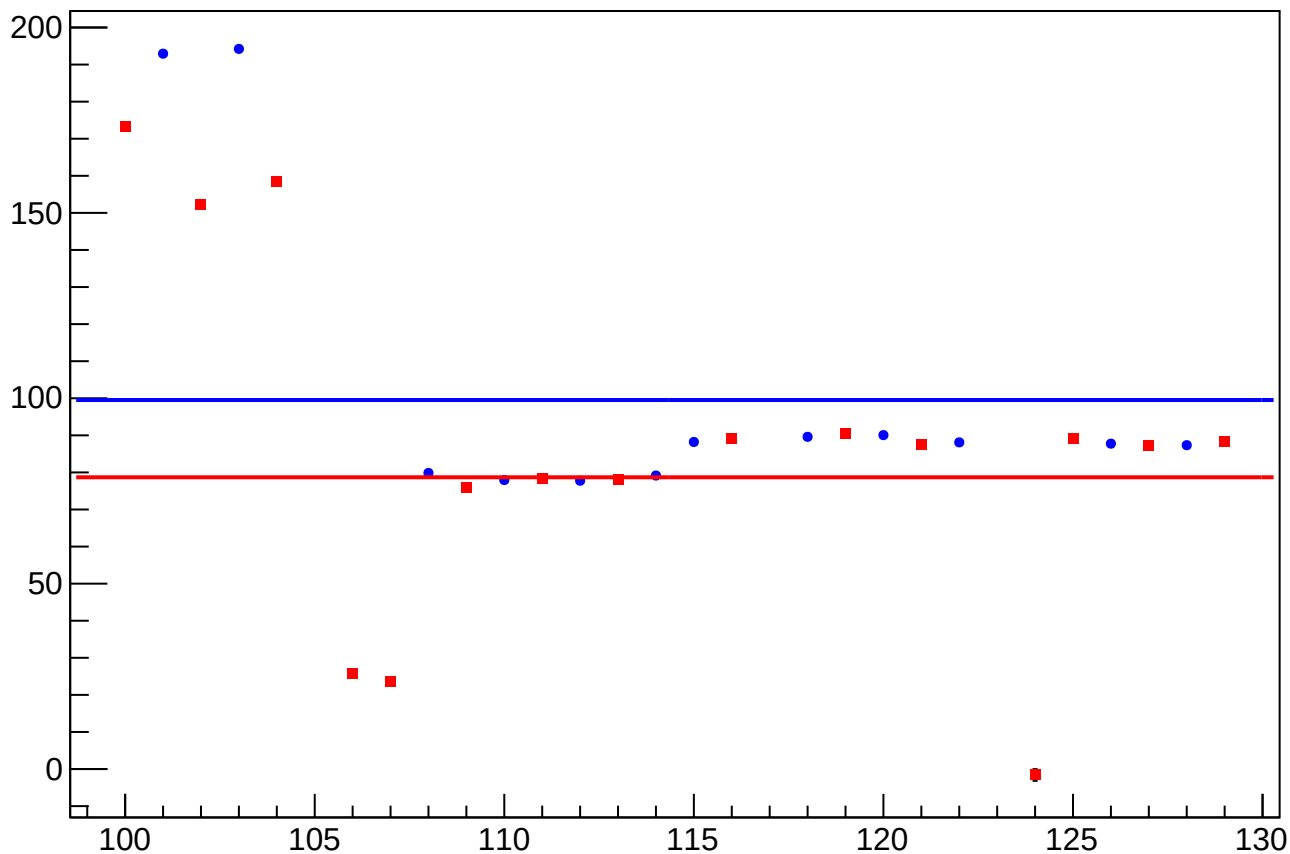
Right: -61.311+/-0.828 χ^2/NDF : 222.8/26

In: -62.851+/-1.194 χ^2/NDF : 90.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -61.311+/-0.828 χ^2/NDF : 222.8/26

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 99.530+/-0.087 χ^2/NDF : 188532.4/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 78.691+/-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

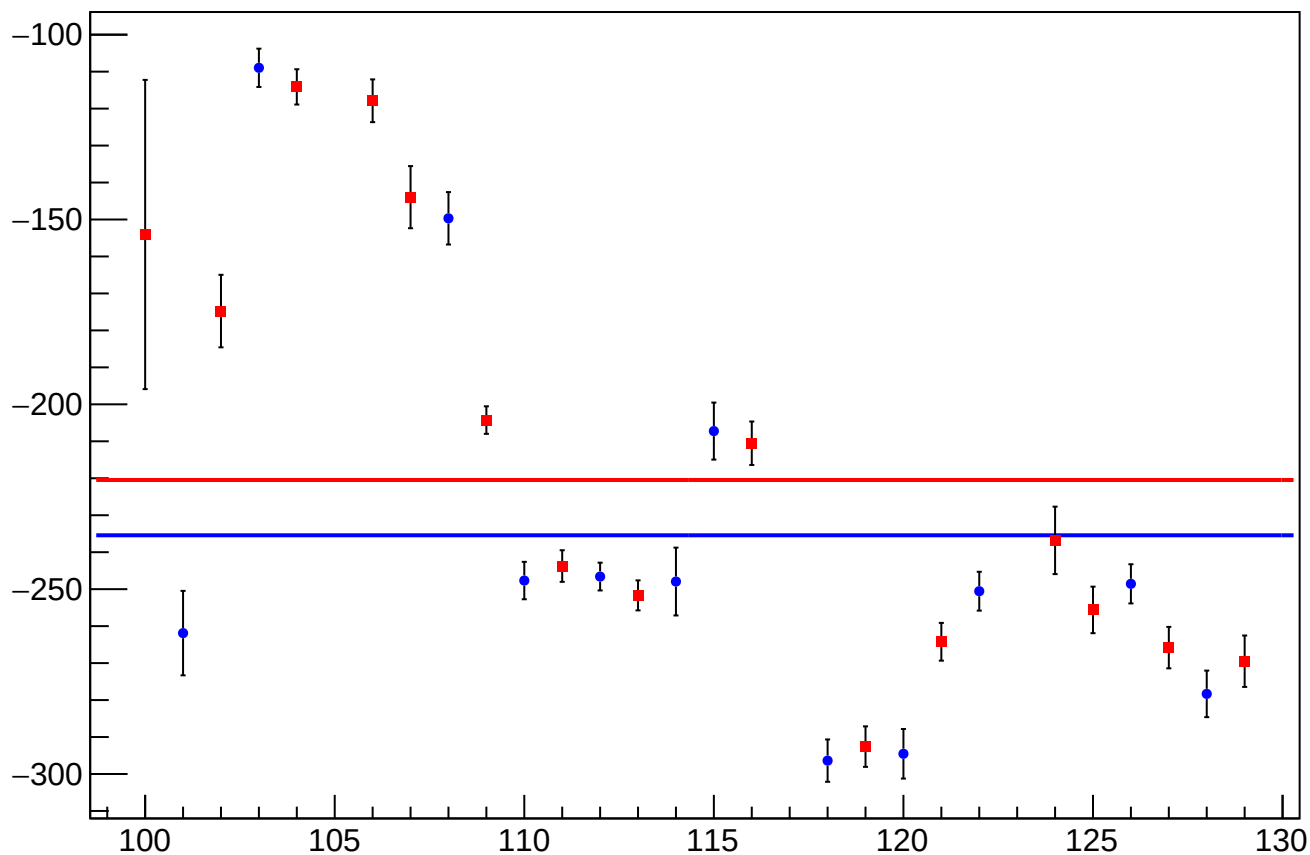
Right: 87.448+/-0.056 χ^2/NDF : 507812.7/26

In: 99.530+/-0.087 χ^2/NDF :188532.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 87.448+/-0.056 χ^2/NDF : 507812.7/26

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -235.425+/-1.683 χ^2/NDF : 1029.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

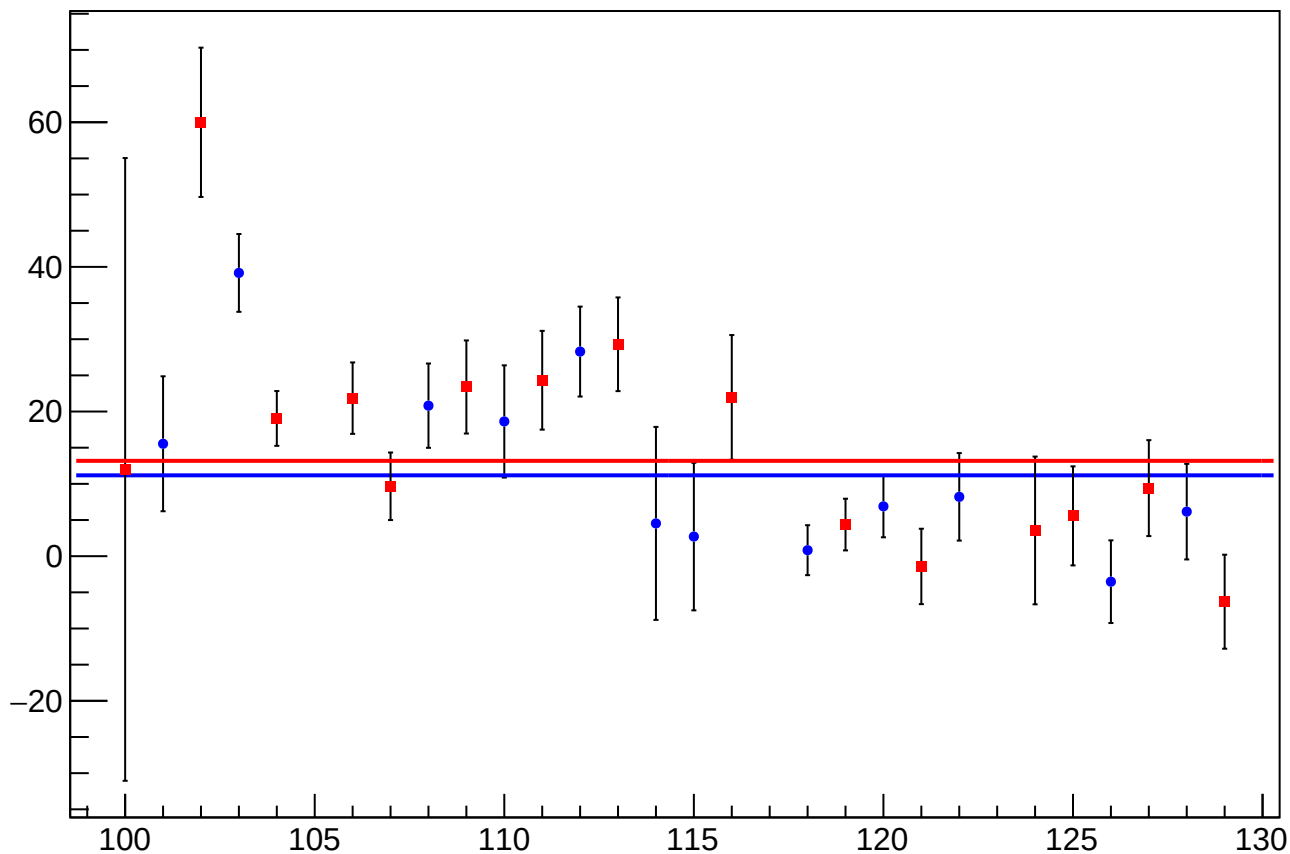
Right: -226.829+/-1.098 χ^2/NDF : 2499.3/26

In: -235.425+/-1.683 χ^2/NDF : 1029.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -226.829+/-1.098 χ^2/NDF : 2499.3/26

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.180+/-1.685 χ^2 /NDF: 56.9/11

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

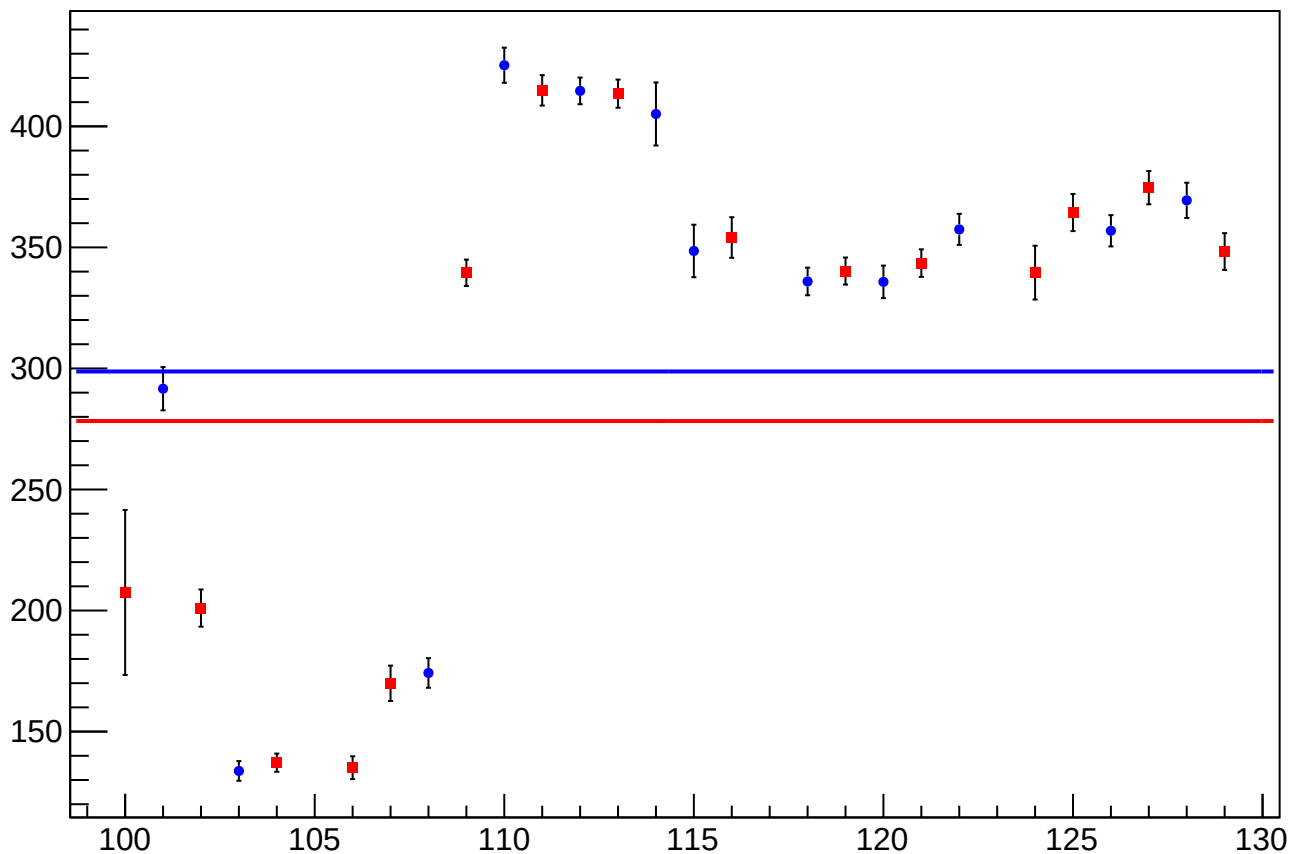
Right: 12.294+/-1.122 χ^2 /NDF: 122.0/26

In: 11.180+/-1.685 χ^2 /NDF:56.9/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 12.294+/-1.122 χ^2 /NDF: 122.0/26

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 298.743+/-1.870 χ^2/NDF : 3227.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 278.279+/-1.619 χ^2/NDF : 4569.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

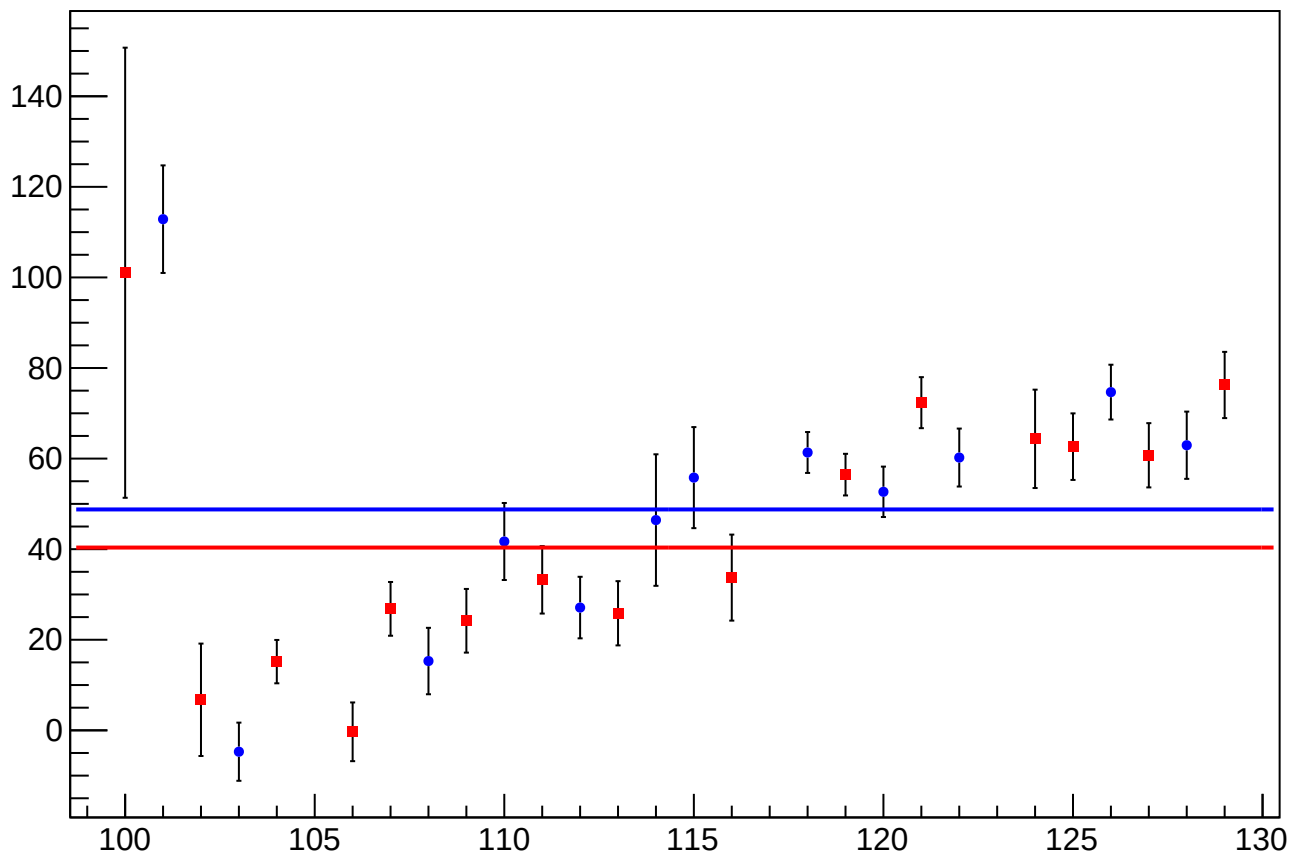
Right: 287.047+/-1.224 χ^2/NDF : 7865.3/26

In: 298.743+/-1.870 χ^2/NDF : 3227.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 287.047+/-1.224 χ^2/NDF : 7865.3/26

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 48.772+/-2.002 χ^2/NDF : 164.1/11

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

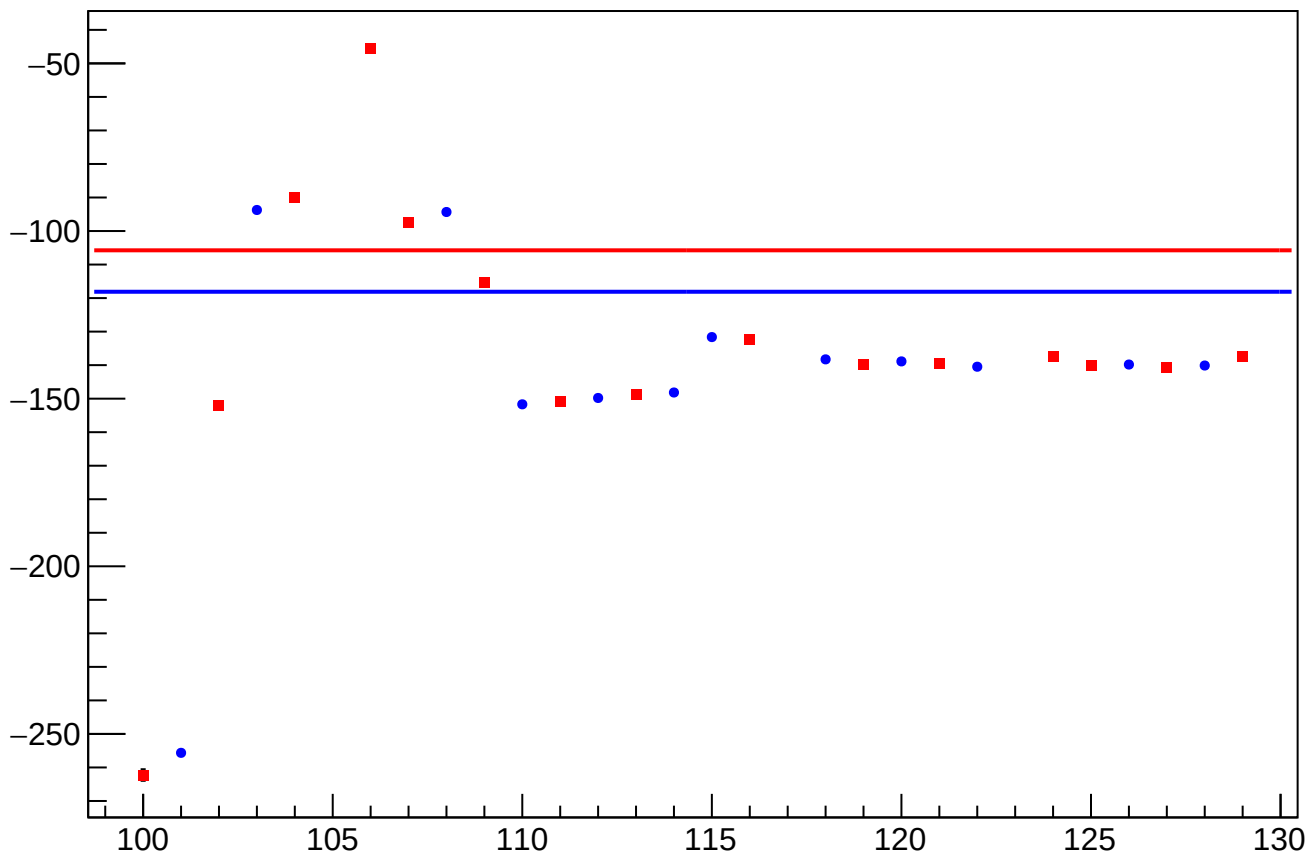
Right: 44.065+/-1.329 χ^2/NDF : 356.9/26

In: 48.772+/-2.002 χ^2/NDF : 164.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.065+/-1.329 χ^2/NDF : 356.9/26

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -118.112 $\pm$ 0.109 χ^2 /NDF: 115183.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -105.753 $\pm$ 0.096 χ^2 /NDF: 144921.2/14

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

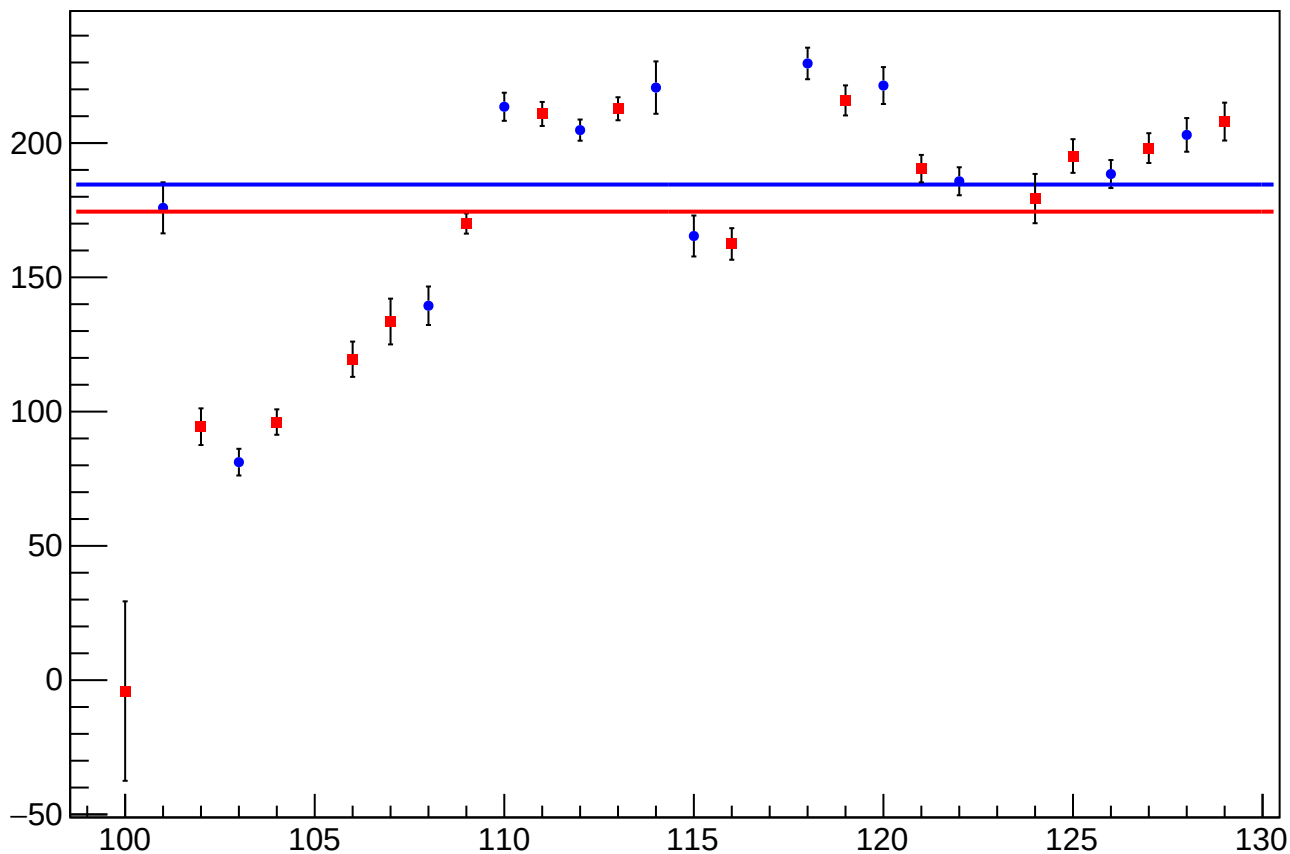
Right: -111.155 $\pm$ 0.072 χ^2 /NDF: 267333.7/26

In: -118.112 $\pm$ 0.109 χ^2 /NDF:115183.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -111.155 $\pm$ 0.072 χ^2 /NDF: 267333.7/26

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 184.551+/-1.693 χ^2/NDF : 646.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.467+/-1.462 χ^2/NDF : 801.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

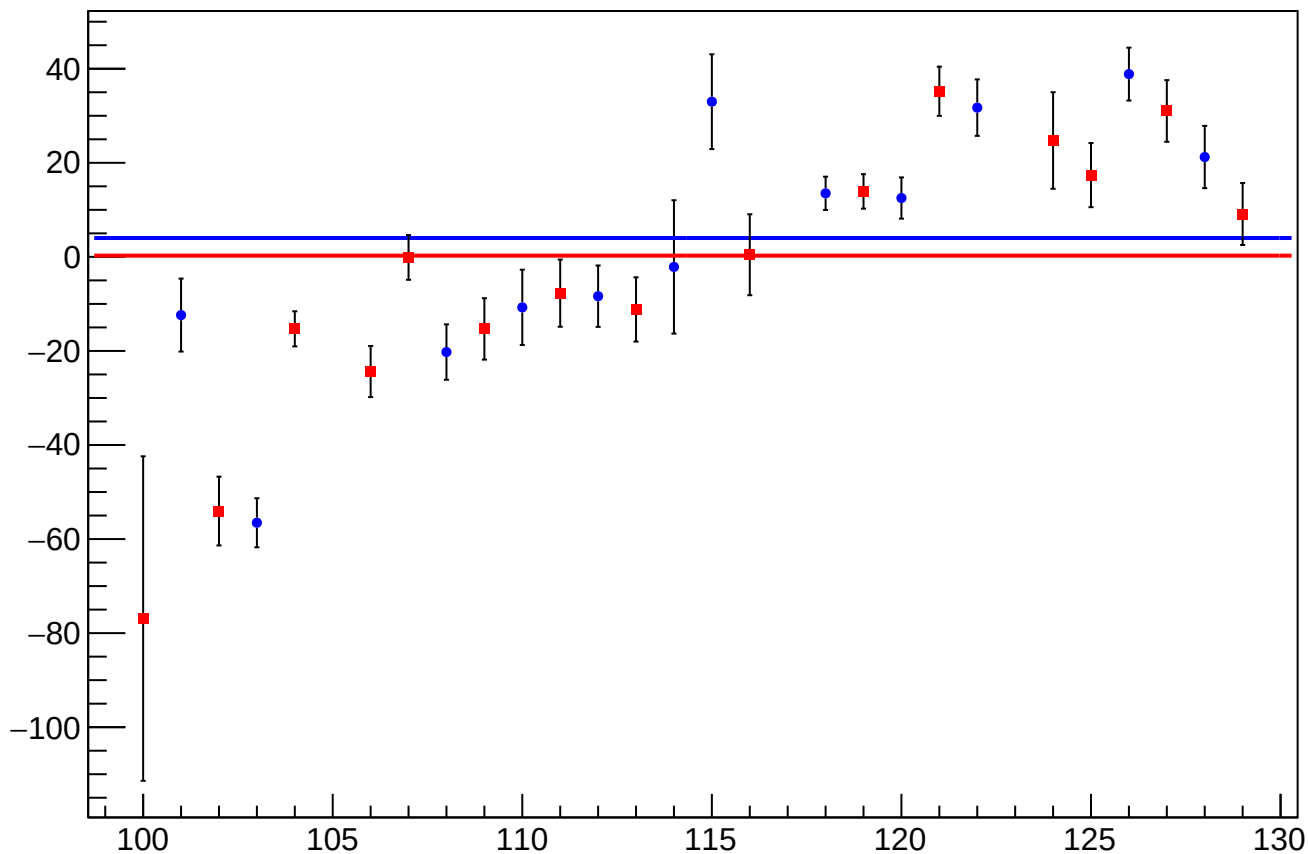
Right: 178.774+/-1.107 χ^2/NDF : 1468.2/26

In: 184.551+/-1.693 χ^2/NDF : 646.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.774+/-1.107 χ^2/NDF : 1468.2/26

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.010+/-1.690 χ^2/NDF : 249.2/11

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

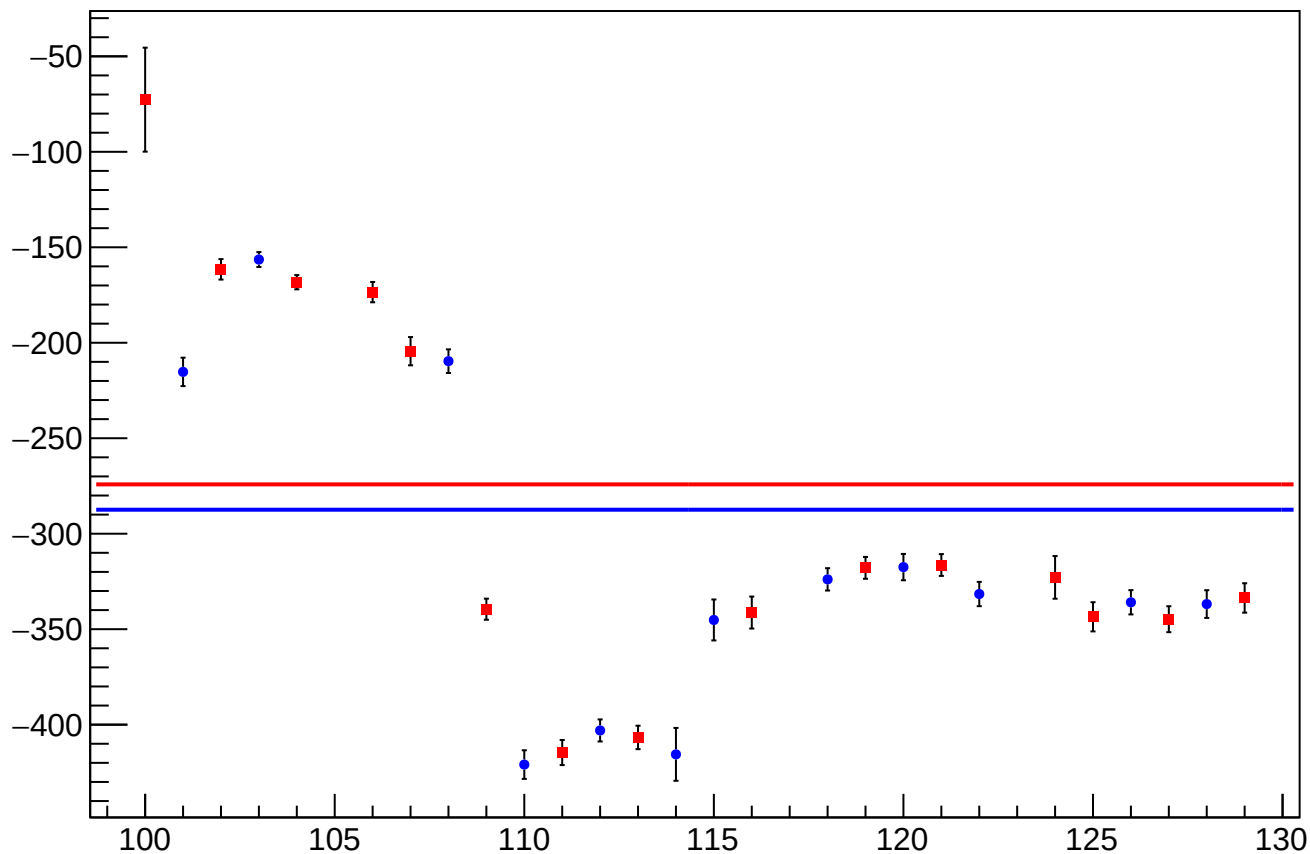
Right: 1.929+/-1.128 χ^2/NDF : 454.3/26

In: 4.010+/-1.690 χ^2/NDF : 249.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.929+/-1.128 χ^2/NDF : 454.3/26

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -287.429+/-1.856 χ^2 /NDF: 2421.9/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -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

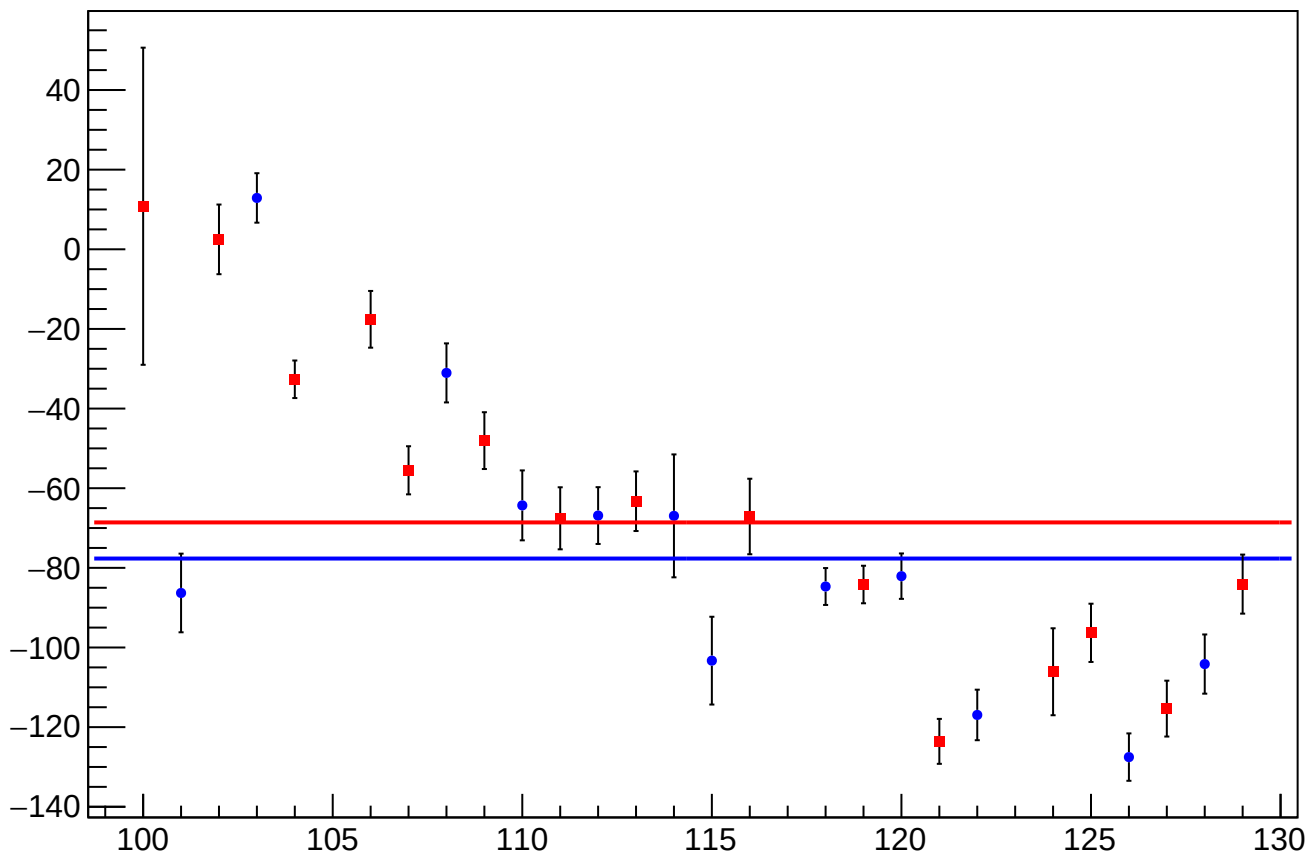
Right: -279.883+/-1.219 χ^2 /NDF: 5706.4/26

In: -287.429+/-1.856 χ^2 /NDF:2421.9/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -279.883+/-1.219 χ^2 /NDF: 5706.4/26

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.662+/-2.008 χ^2/NDF : 387.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

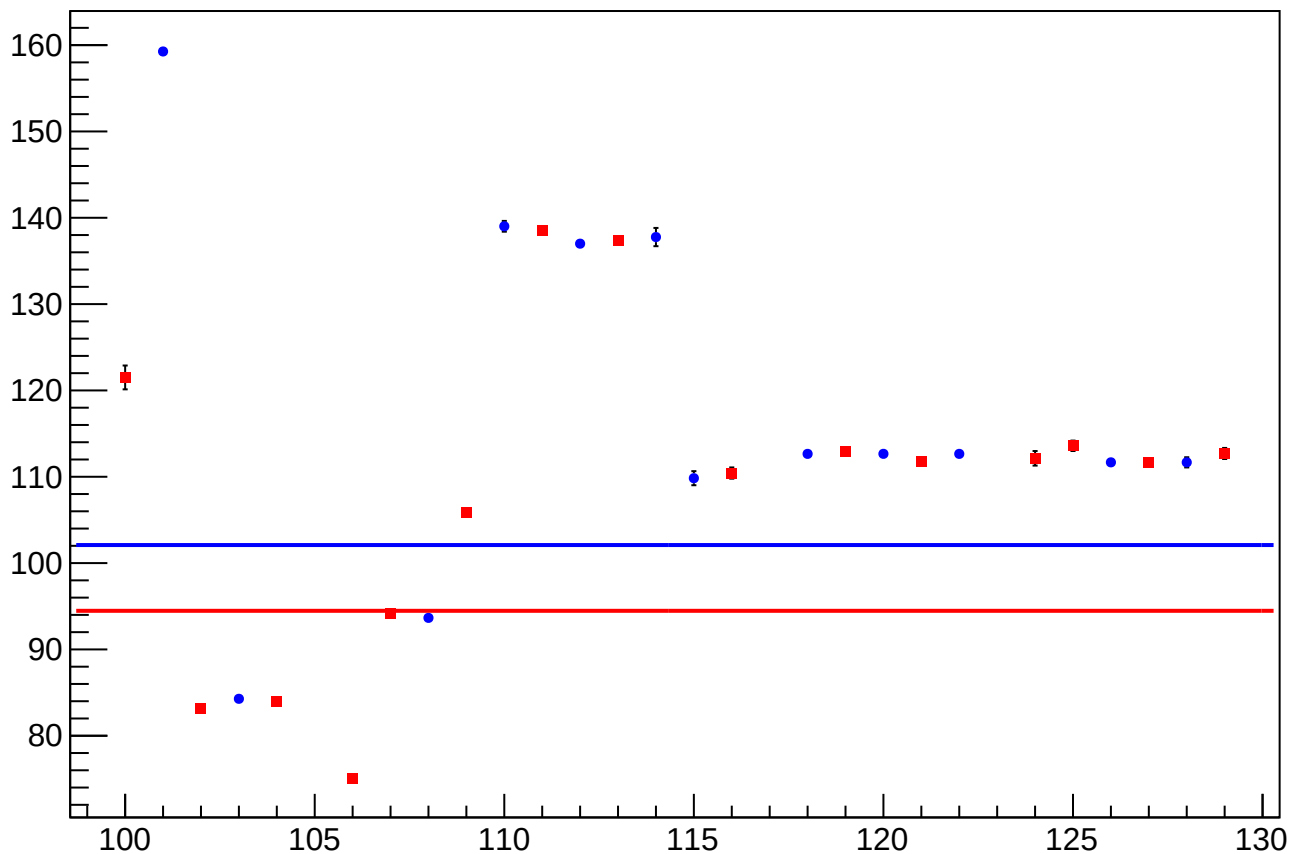
Right: -72.601+/-1.335 χ^2/NDF : 772.6/26

In: -77.662+/-2.008 χ^2/NDF : 387.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -72.601+/-1.335 χ^2/NDF : 772.6/26

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 102.091+/-0.107 χ^2/NDF : 42587.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 94.473+/-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

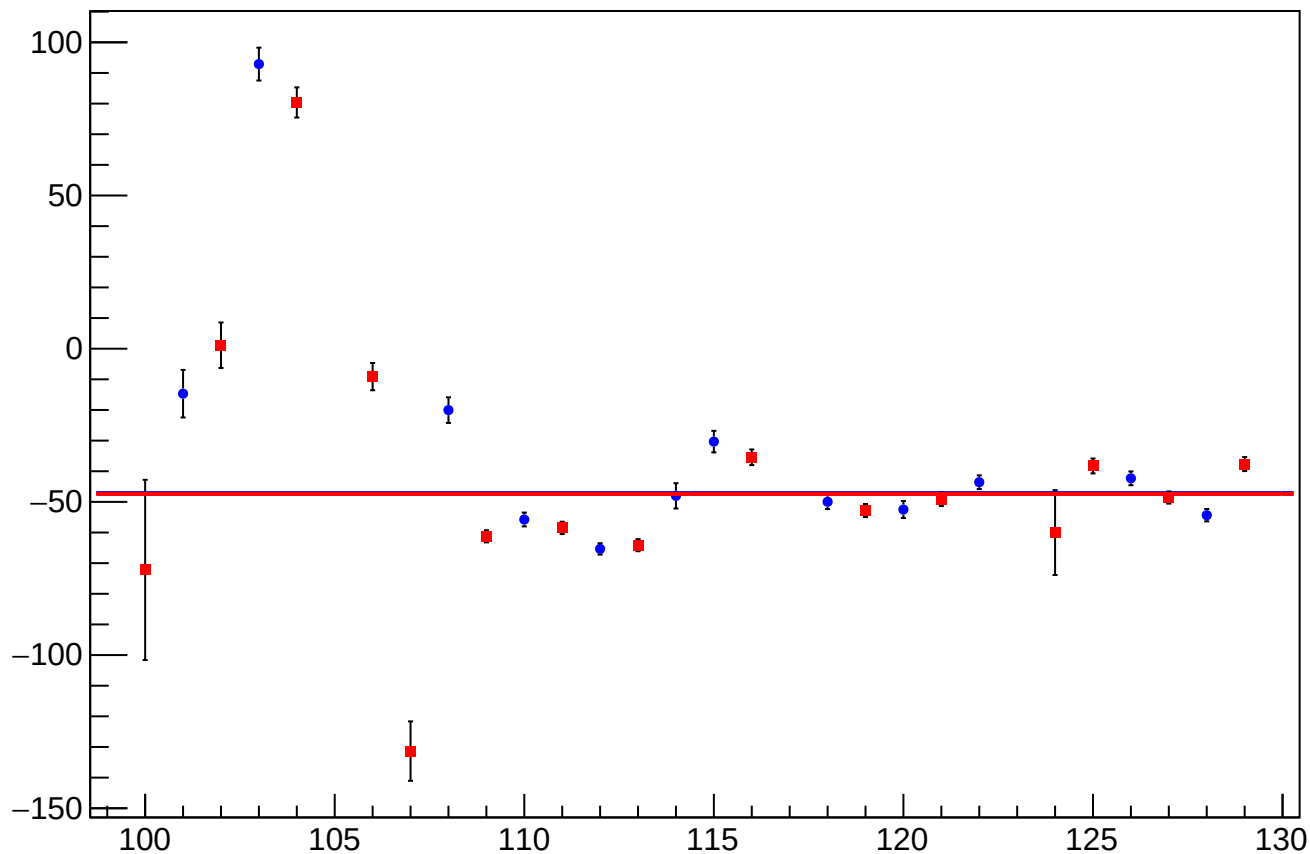
Right: 97.773+/-0.070 χ^2/NDF : 80962.5/26

In: 102.091+/-0.107 χ^2/NDF :42587.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 97.773+/-0.070 χ^2/NDF : 80962.5/26

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -47.140 ± 0.770 $\chi^2/\text{NDF}: 899.6/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -47.424 ± 0.695 $\chi^2/\text{NDF}: 1079.0/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

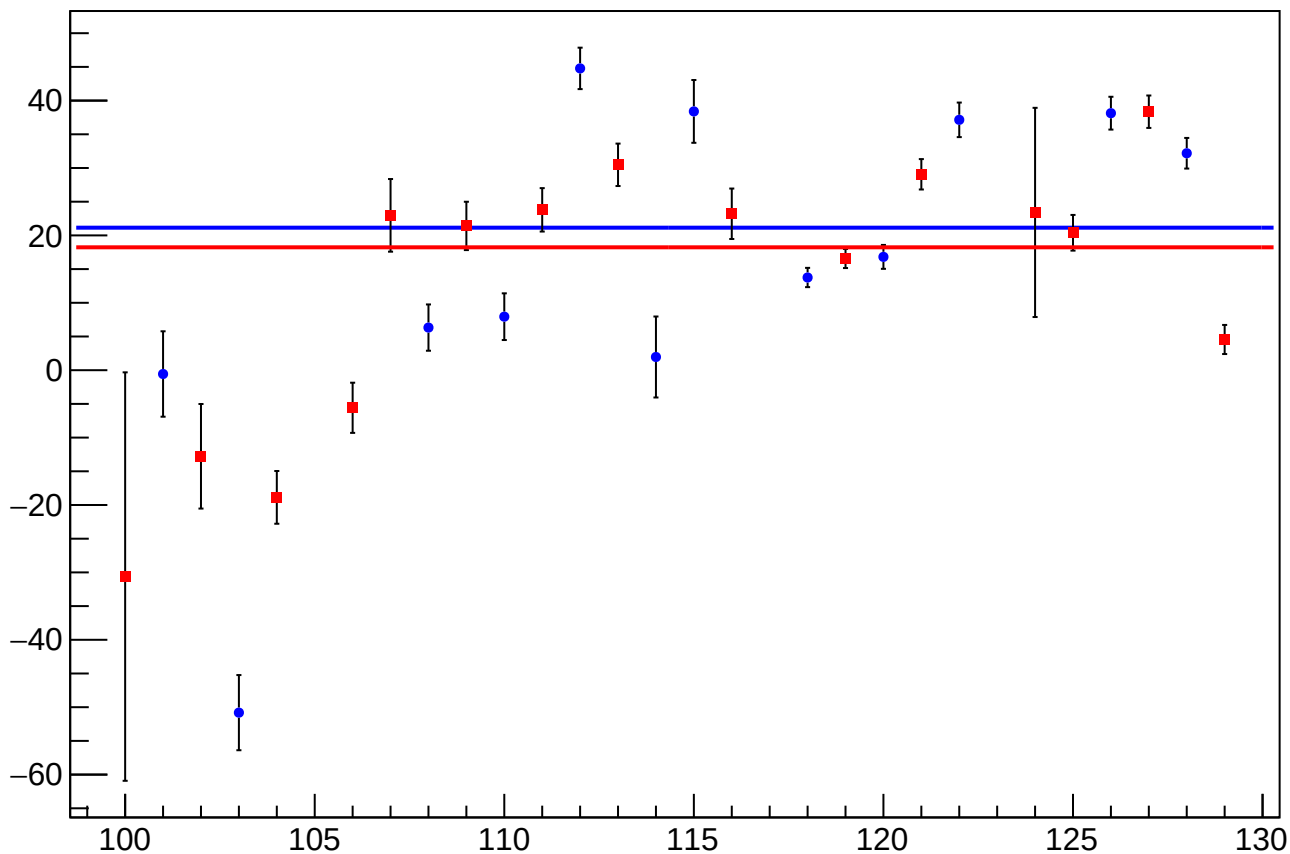
Right: -47.297 ± 0.516 $\chi^2/\text{NDF}: 1978.6/26$

In: -47.140 ± 0.770 $\chi^2/\text{NDF}: 899.6/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -47.297 ± 0.516 $\chi^2/\text{NDF}: 1978.6/26$

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 21.145+/-0.761 χ^2 /NDF: 438.4/11

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

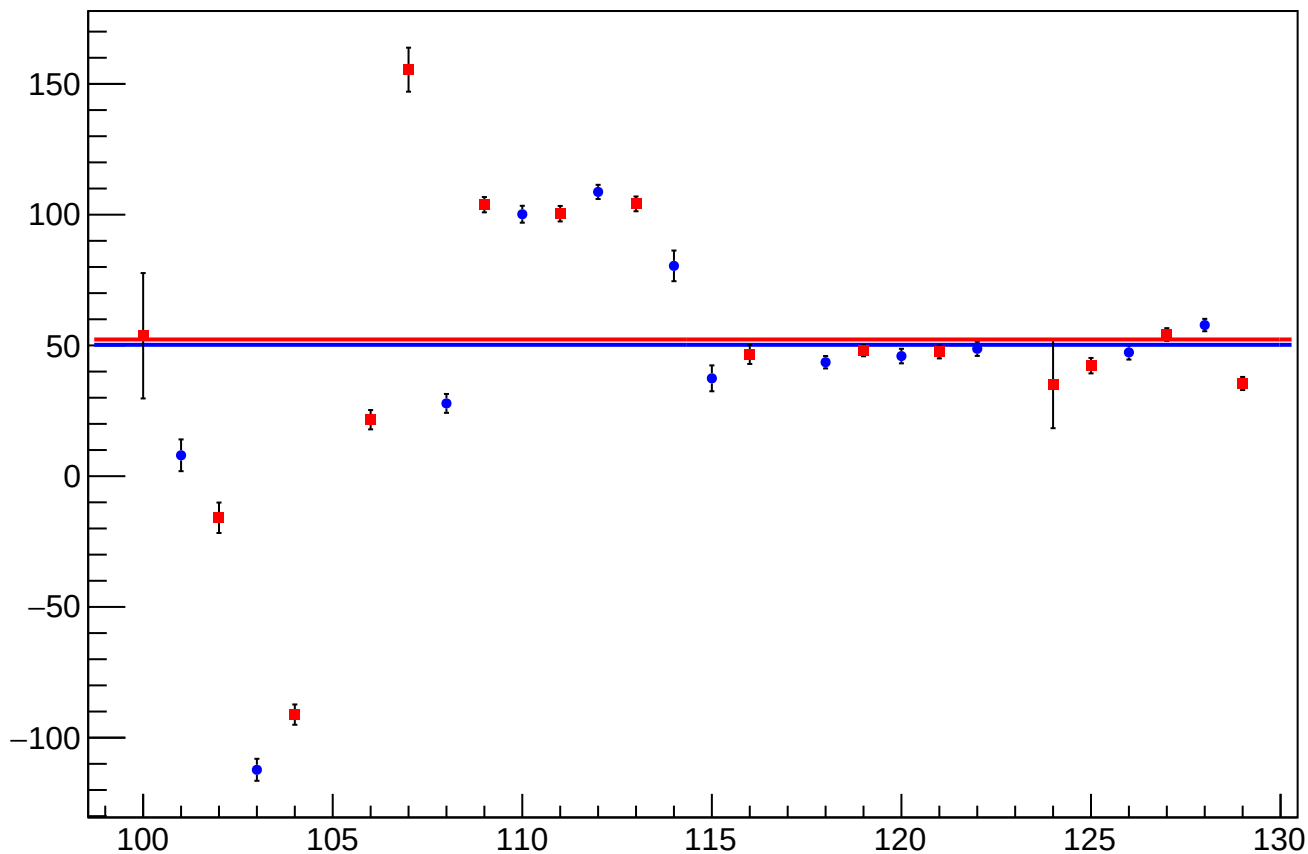
Right: 19.671+/-0.535 χ^2 /NDF: 752.0/26

In: 21.145+/-0.761 χ^2 /NDF:438.4/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 19.671+/-0.535 χ^2 /NDF: 752.0/26

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.245+/-0.908 χ^2/NDF : 2334.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

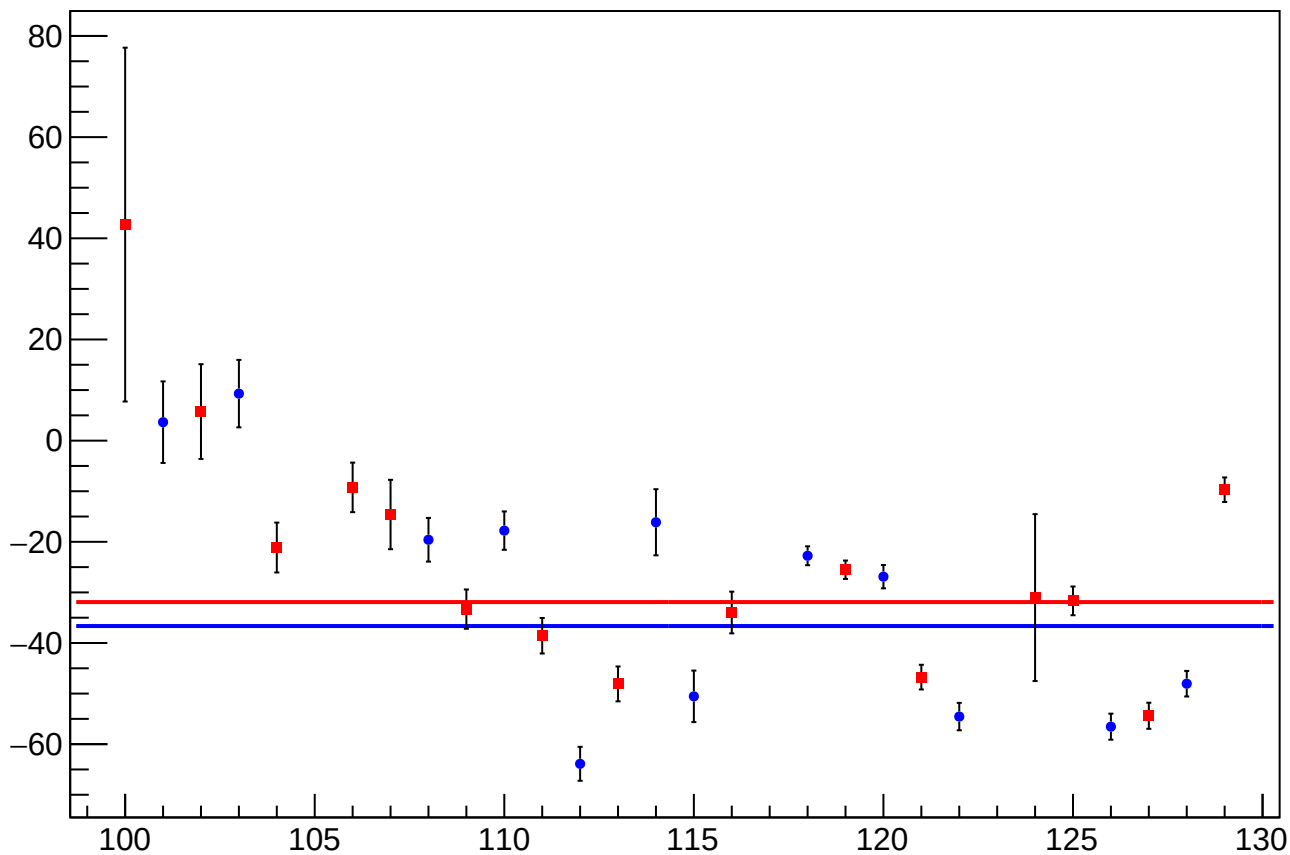
Right: 51.348+/-0.614 χ^2/NDF : 5035.5/26

In: 50.245+/-0.908 χ^2/NDF : 2334.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.348+/-0.614 χ^2/NDF : 5035.5/26

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -36.648 ± 0.902 χ^2/NDF : 392.7/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

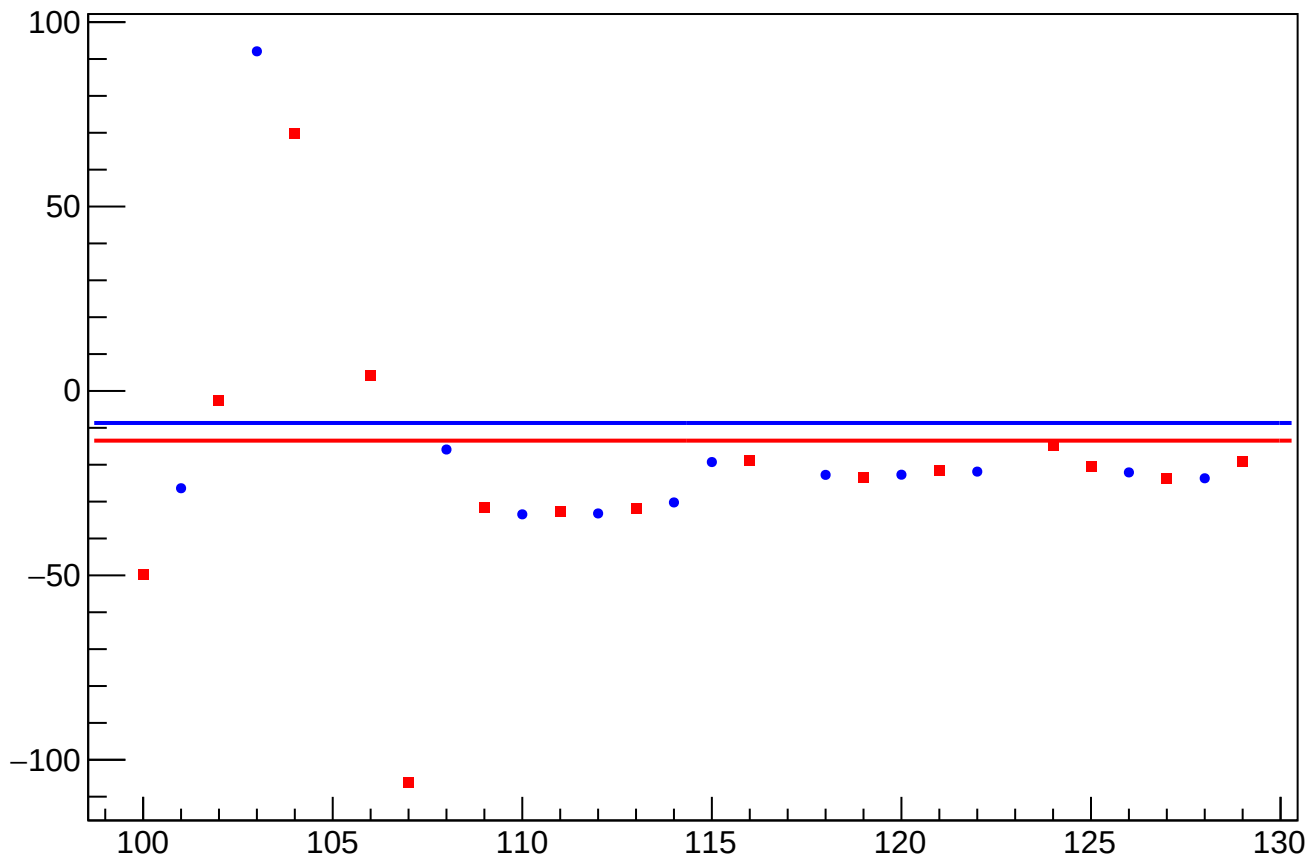
Right: -34.189 ± 0.625 χ^2/NDF : 695.7/26

In: -36.648 ± 0.902 χ^2/NDF : 392.7/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -34.189 ± 0.625 χ^2/NDF : 695.7/26

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.681+/-0.063 χ^2/NDF : 379252.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

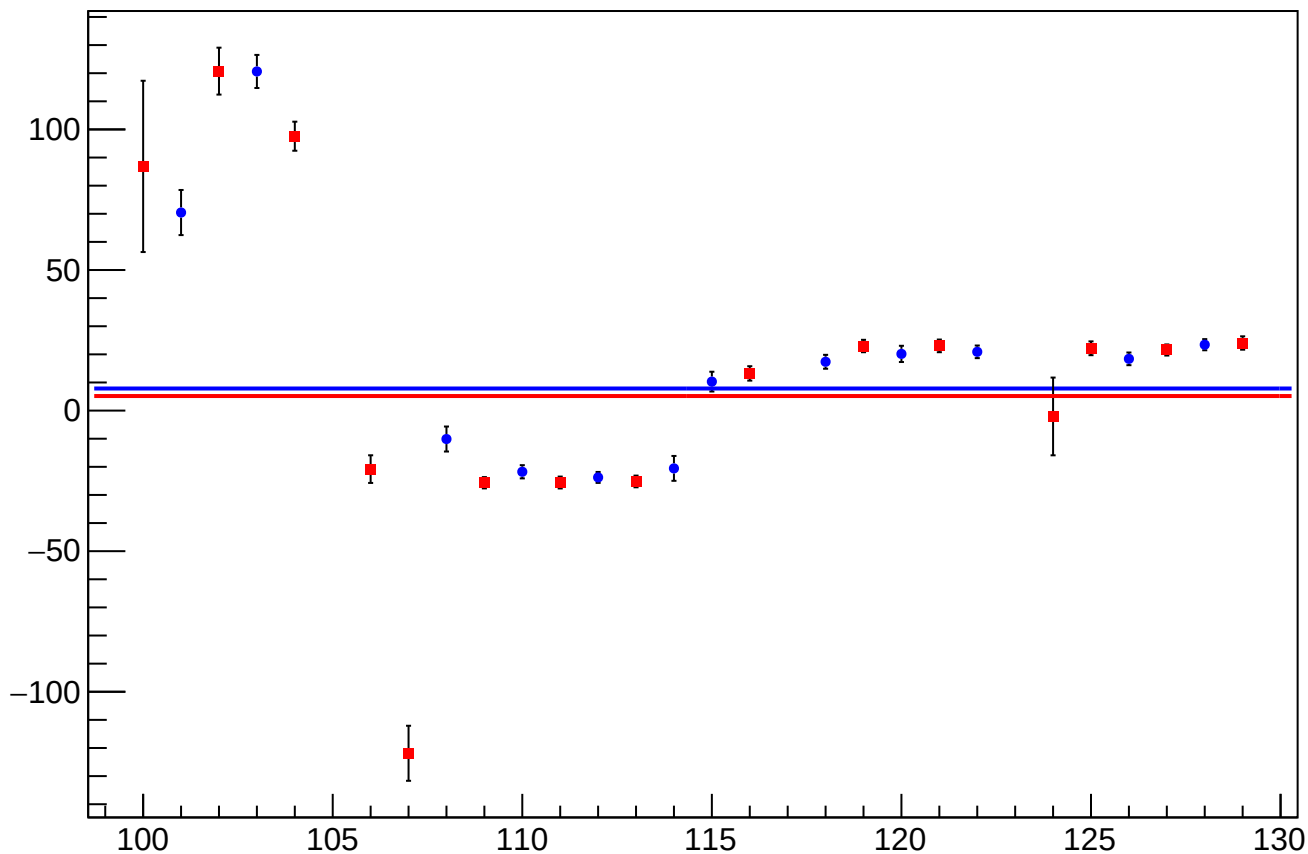
Right: -11.221+/-0.043 χ^2/NDF : 697902.3/26

In: -8.681+/-0.063 χ^2/NDF : 379252.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.221+/-0.043 χ^2/NDF : 697902.3/26

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 7.858+/-0.789 χ^2/NDF : 1059.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

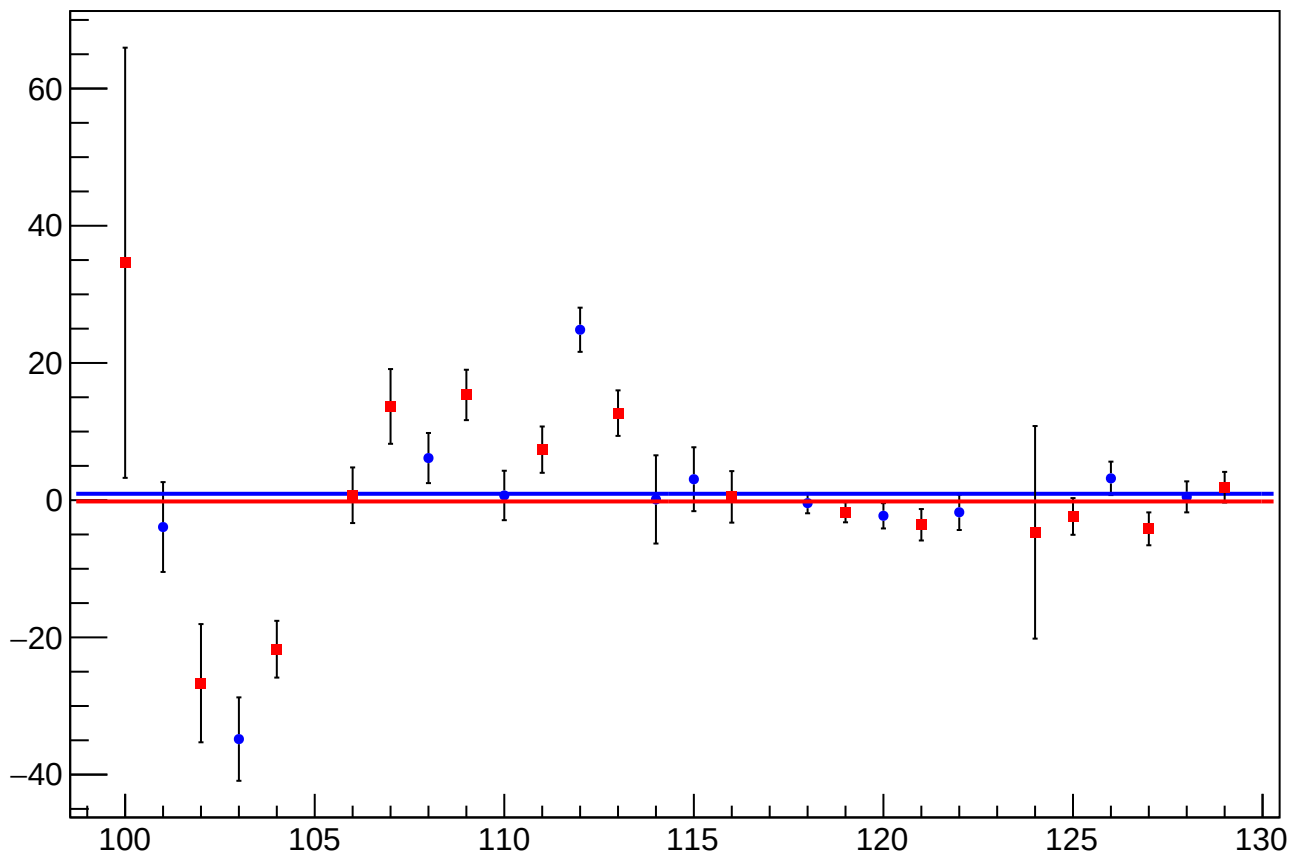
Right: 6.383+/-0.529 χ^2/NDF : 2759.6/26

In: 7.858+/-0.789 χ^2/NDF : 1059.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.383+/-0.529 χ^2/NDF : 2759.6/26

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.932 ± 0.783 $\chi^2/\text{NDF}: 98.4/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.186 ± 0.776 $\chi^2/\text{NDF}: 90.0/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

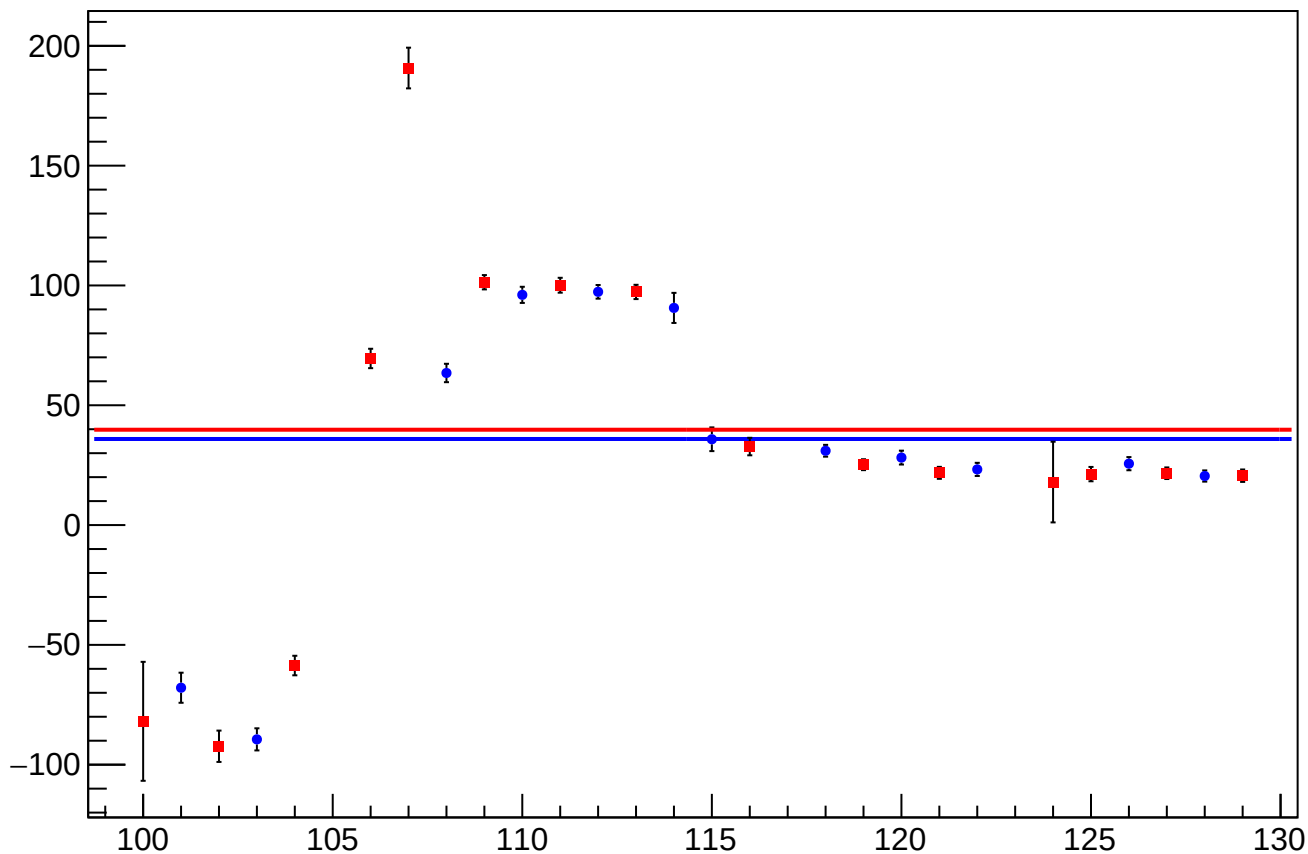
Right: 0.368 ± 0.551 $\chi^2/\text{NDF}: 189.4/26$

In: 0.932 ± 0.783 $\chi^2/\text{NDF}: 98.4/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.368 ± 0.551 $\chi^2/\text{NDF}: 189.4/26$

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 35.923+/-0.932 χ^2 /NDF: 2013.8/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 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

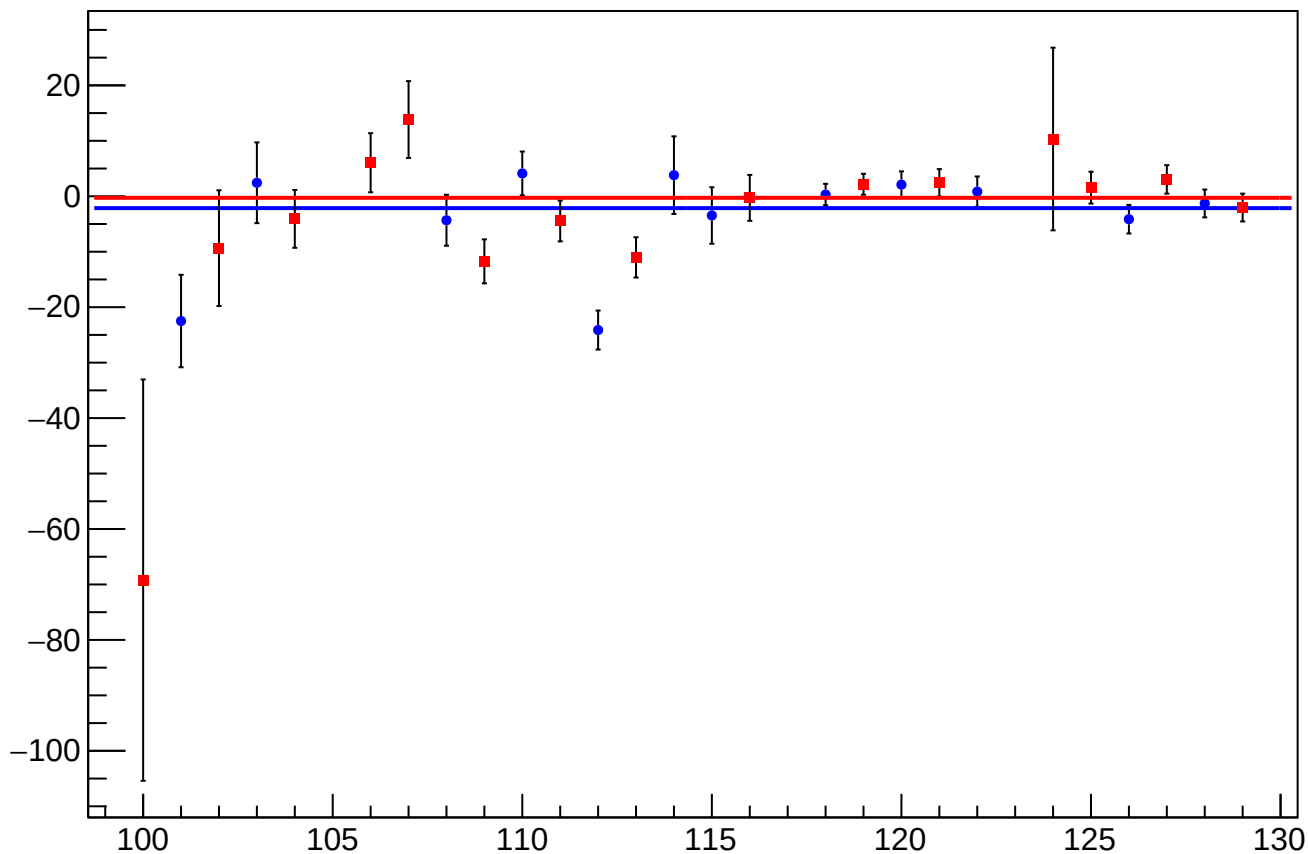
Right: 38.014+/-0.632 χ^2 /NDF: 4829.9/26

In: 35.923+/-0.932 χ^2 /NDF:2013.8/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 38.014+/-0.632 χ^2 /NDF: 4829.9/26

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.137 ± 0.925 χ^2/NDF : 55.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.277 ± 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

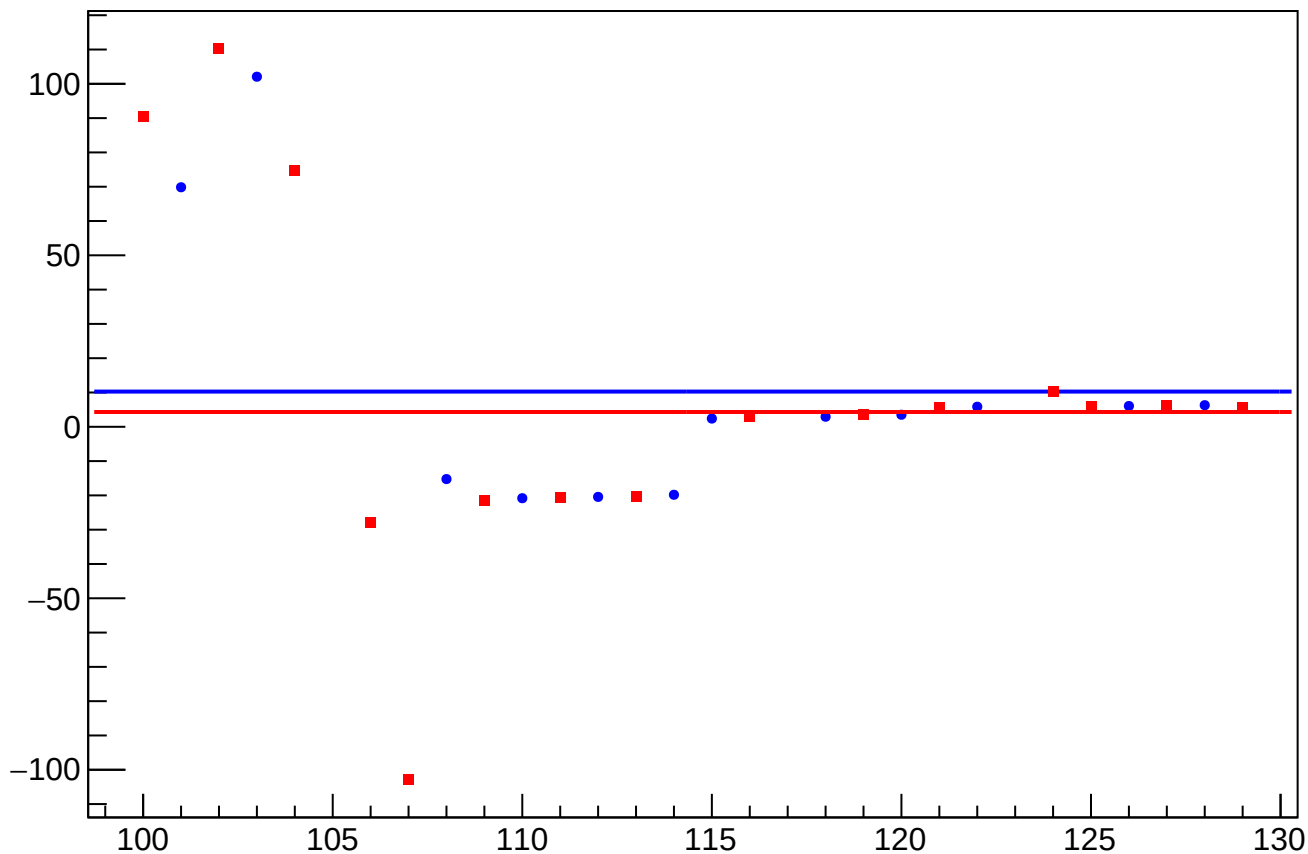
Right: -1.174 ± 0.643 χ^2/NDF : 92.3/26

In: -2.137 ± 0.925 χ^2/NDF : 55.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.174 ± 0.643 χ^2/NDF : 92.3/26

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.269+/-0.065 χ^2/NDF : 315727.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.316+/-0.061 χ^2/NDF : 434425.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

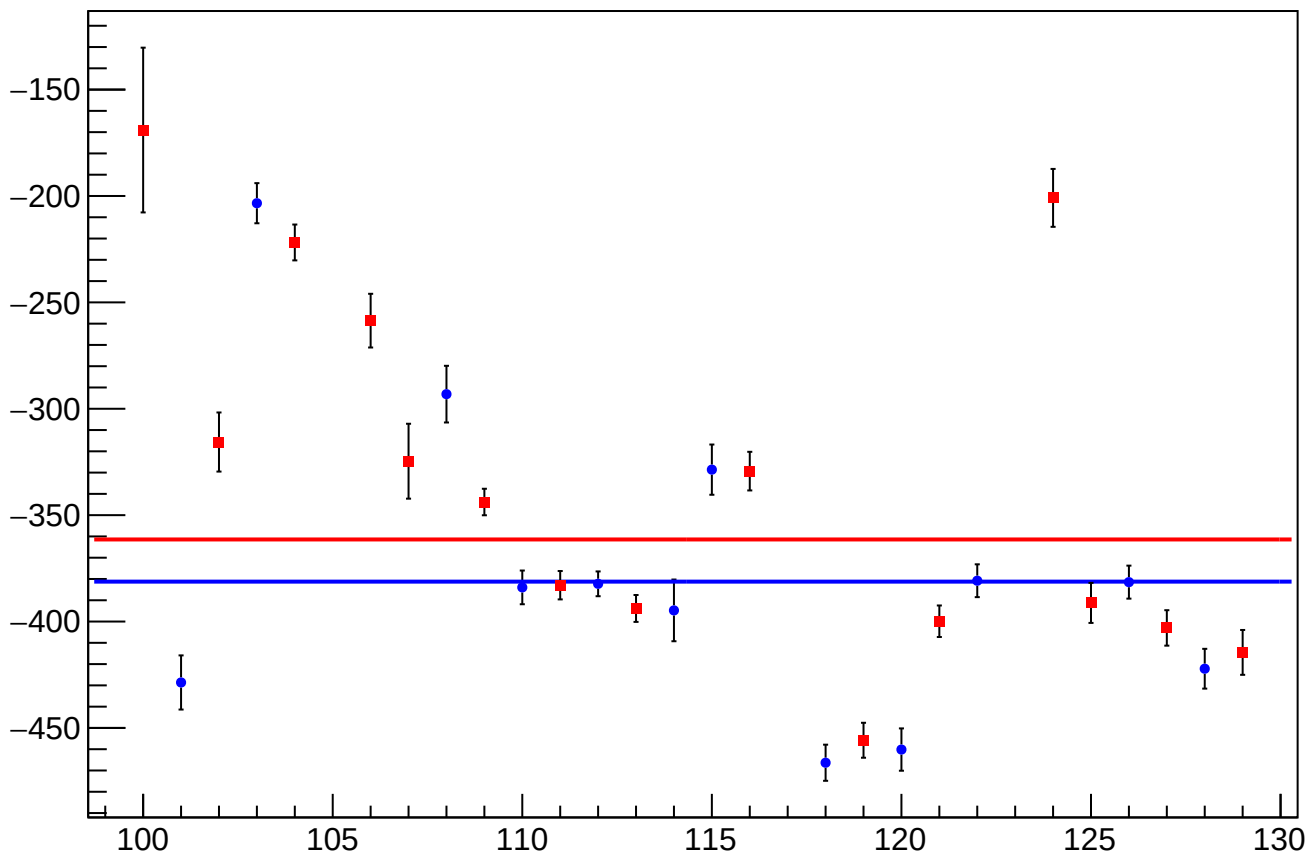
Right: 7.120+/-0.045 χ^2/NDF : 754592.0/26

In: 10.269+/-0.065 χ^2/NDF : 315727.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.120+/-0.045 χ^2/NDF : 754592.0/26

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -381.240+/-2.588 χ^2 /NDF: 617.0/11

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

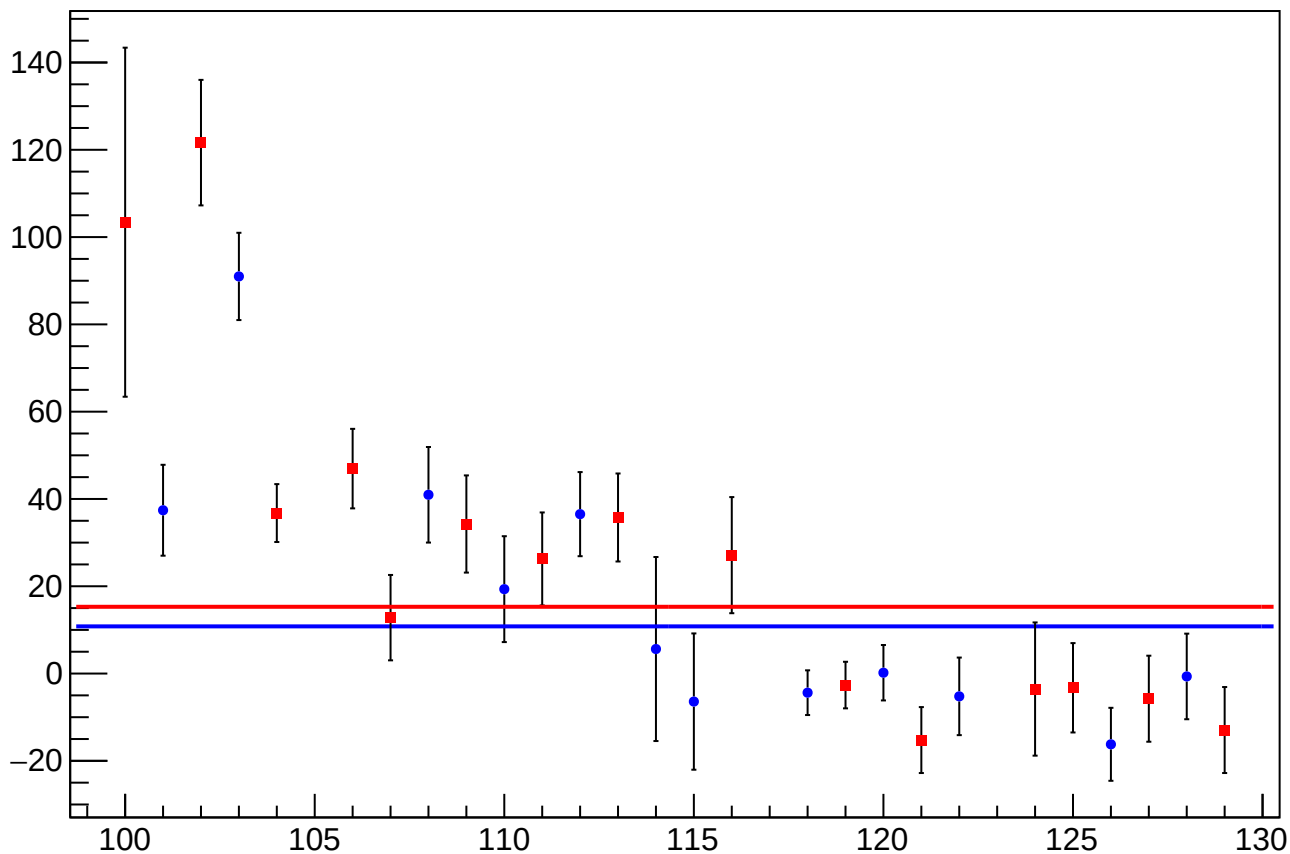
Right: -370.194+/-1.722 χ^2 /NDF: 1446.1/26

In: -381.240+/-2.588 χ^2 /NDF:617.0/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -370.194+/-1.722 χ^2 /NDF: 1446.1/26

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.808+/-2.567 χ^2/NDF : 114.0/11

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

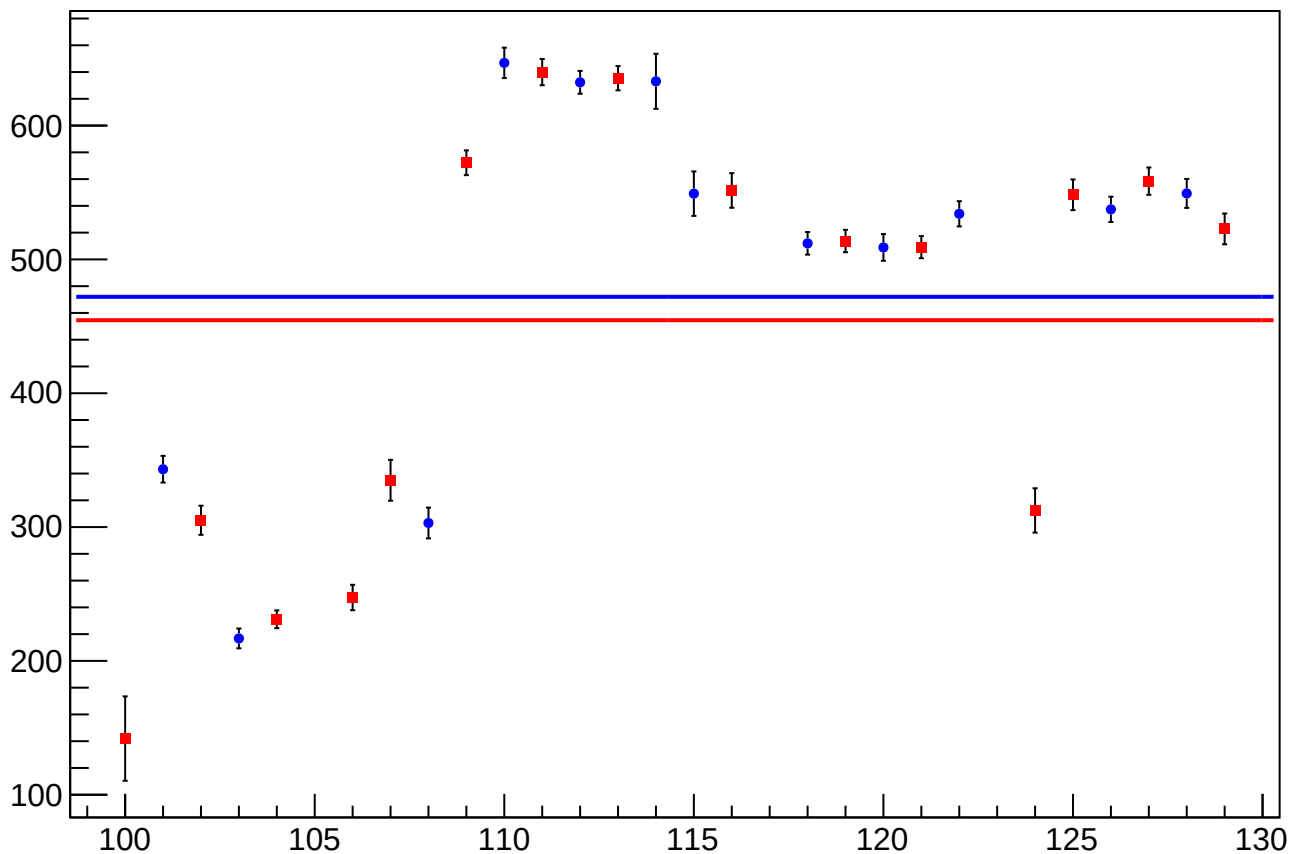
Right: 13.180+/-1.762 χ^2/NDF : 251.9/26

In: 10.808+/-2.567 χ^2/NDF : 114.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.180+/-1.762 χ^2/NDF : 251.9/26

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 472.049+/-2.906 χ^2/NDF : 2424.5/11

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

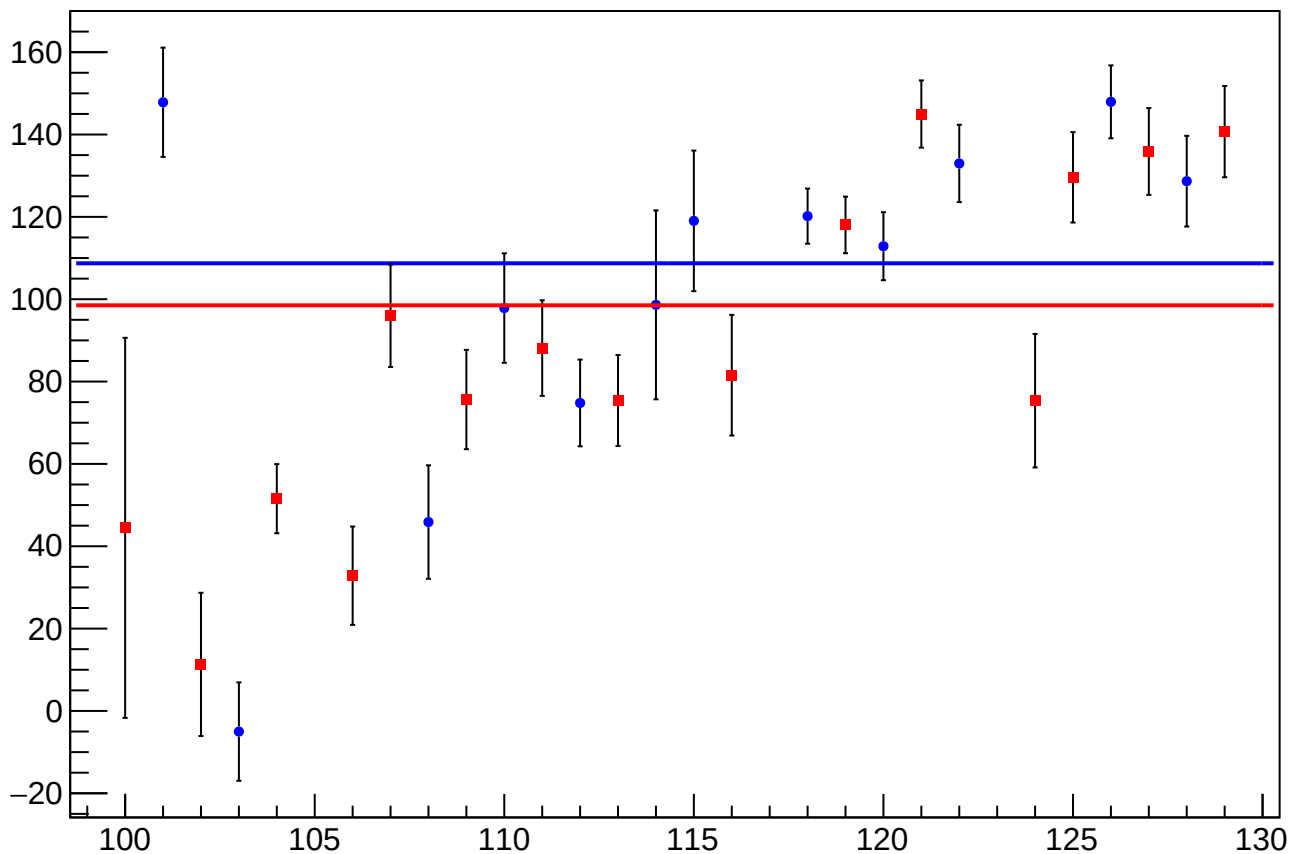
Right: 462.412+/-1.948 χ^2/NDF : 5747.9/26

In: 472.049+/-2.906 χ^2/NDF : 2424.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 462.412+/-1.948 χ^2/NDF : 5747.9/26

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 108.724+/-3.053 χ^2/NDF : 164.4/11

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

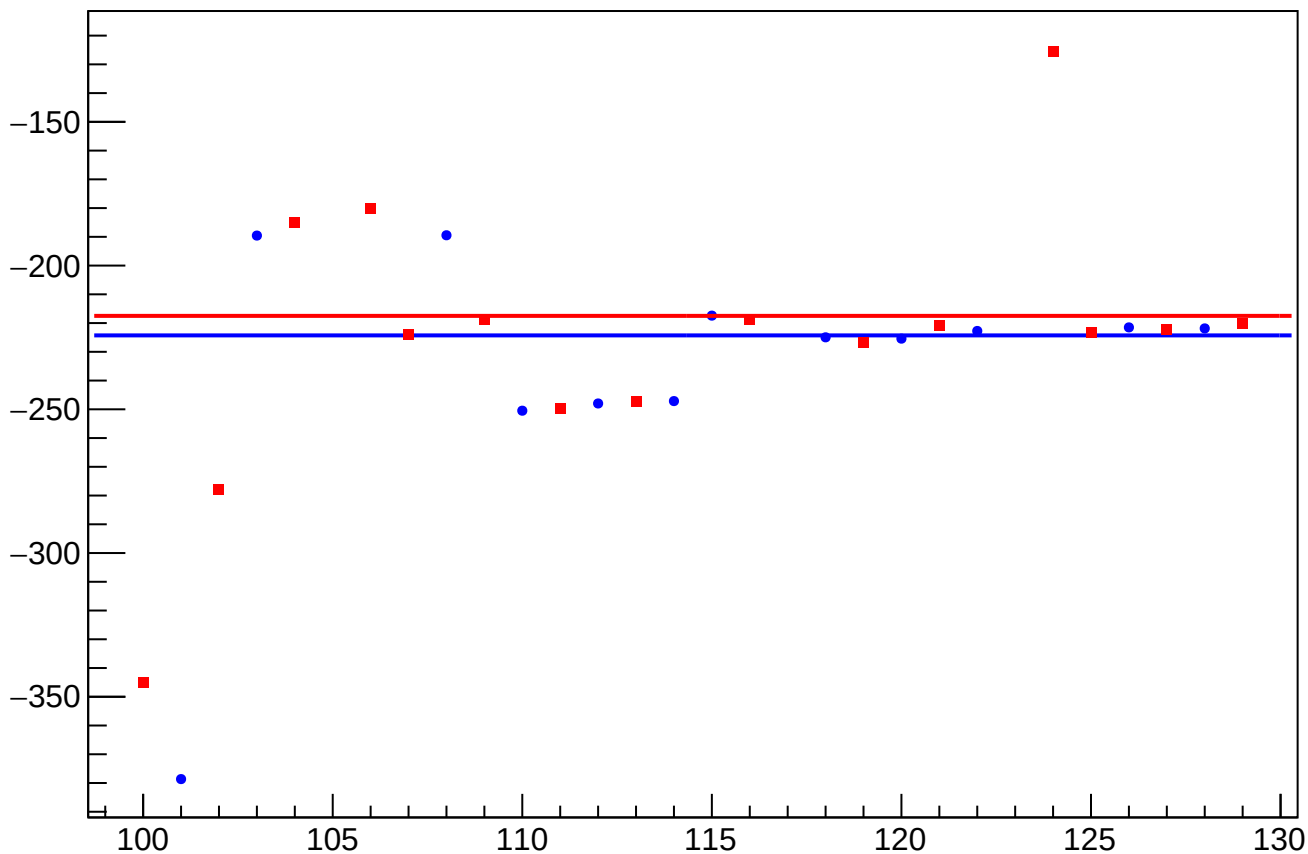
Right: 103.252+/-2.079 χ^2/NDF : 346.2/26

In: 108.724+/-3.053 χ^2/NDF : 164.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.252+/-2.079 χ^2/NDF : 346.2/26

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -224.286+/-0.179 χ^2/NDF : 87632.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -217.497+/-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

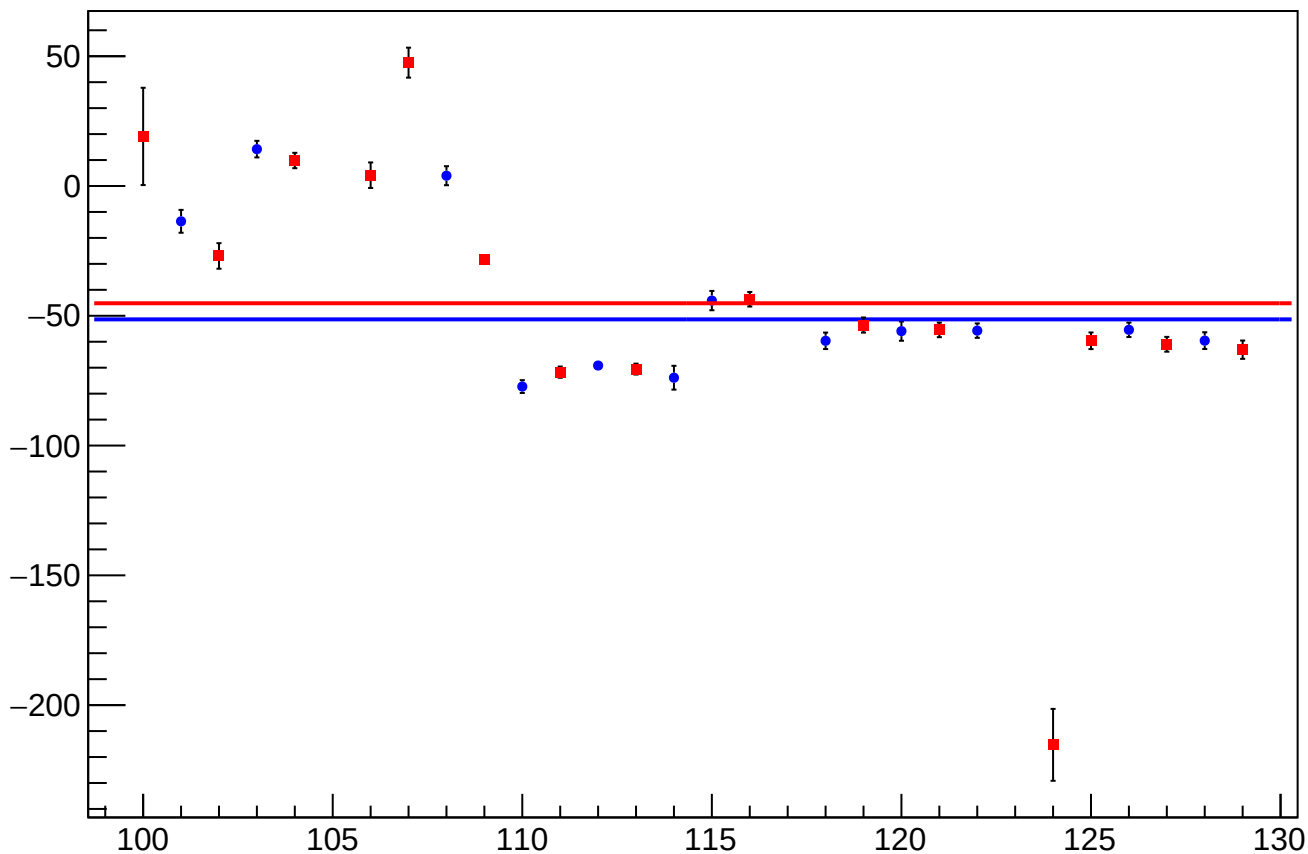
Right: -220.607+/-0.121 χ^2/NDF : 135801.0/26

In: -224.286+/-0.179 χ^2/NDF : 87632.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -220.607+/-0.121 χ^2/NDF : 135801.0/26

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -51.386 ± 0.878 $\chi^2/\text{NDF}: 963.7/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -45.177 ± 0.750 $\chi^2/\text{NDF}: 1395.4/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

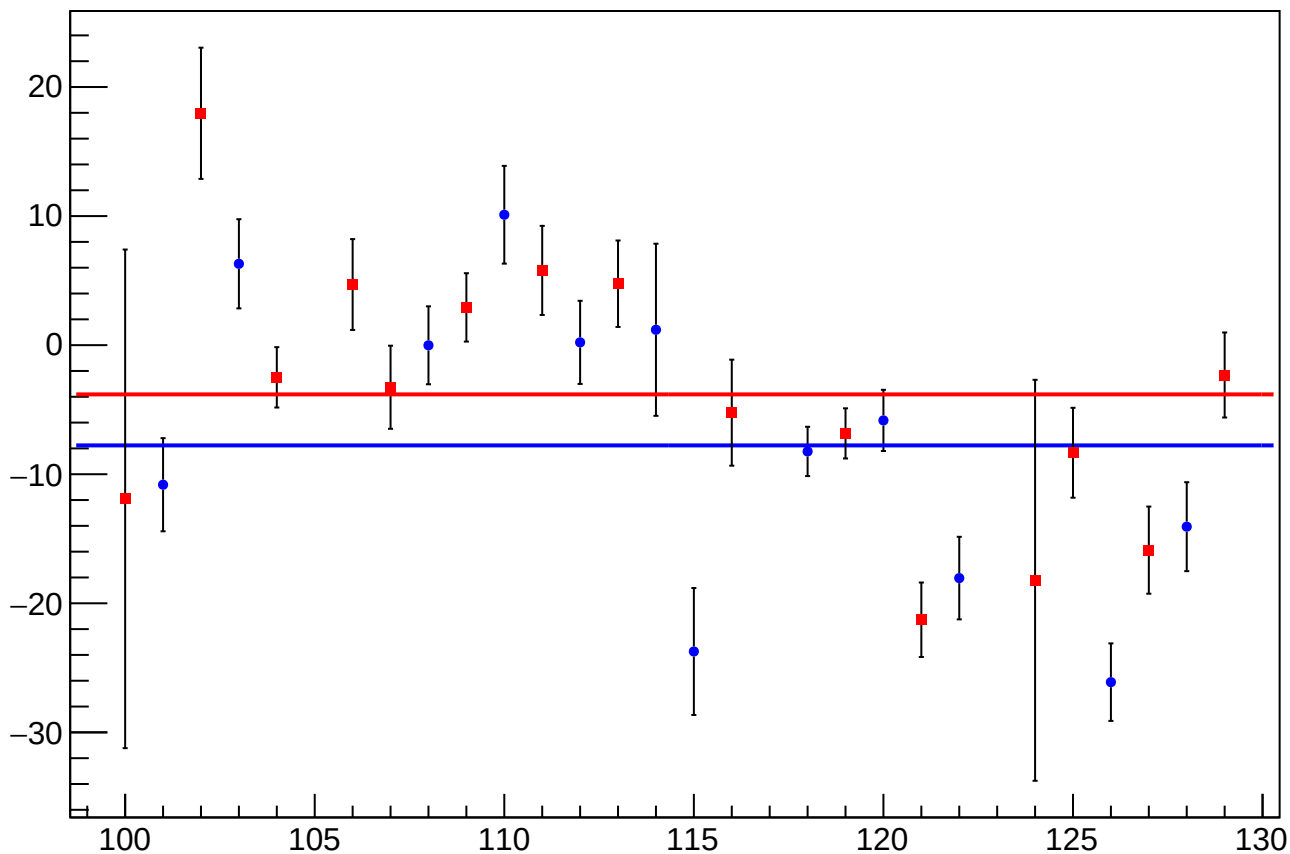
Right: -47.796 ± 0.570 $\chi^2/\text{NDF}: 2388.1/26$

In: -51.386 ± 0.878 $\chi^2/\text{NDF}: 963.7/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -47.796 ± 0.570 $\chi^2/\text{NDF}: 2388.1/26$

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.766 ± 0.896 χ^2/NDF : 116.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.815 ± 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

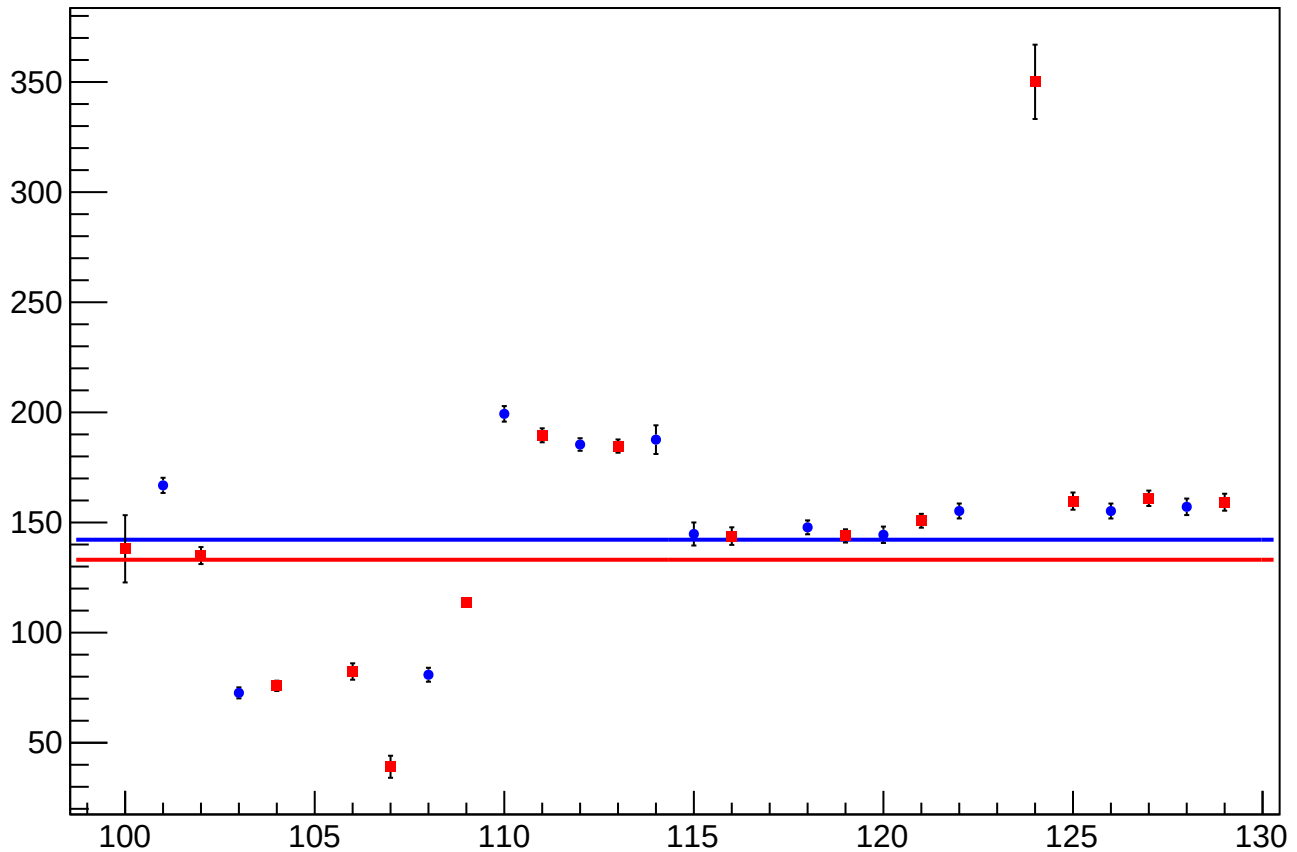
Right: -5.655 ± 0.612 χ^2/NDF : 226.9/26

In: -7.766 ± 0.896 χ^2/NDF : 116.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.655 ± 0.612 χ^2/NDF : 226.9/26

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 142.189+/-0.989 χ^2/NDF : 1784.4/11

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

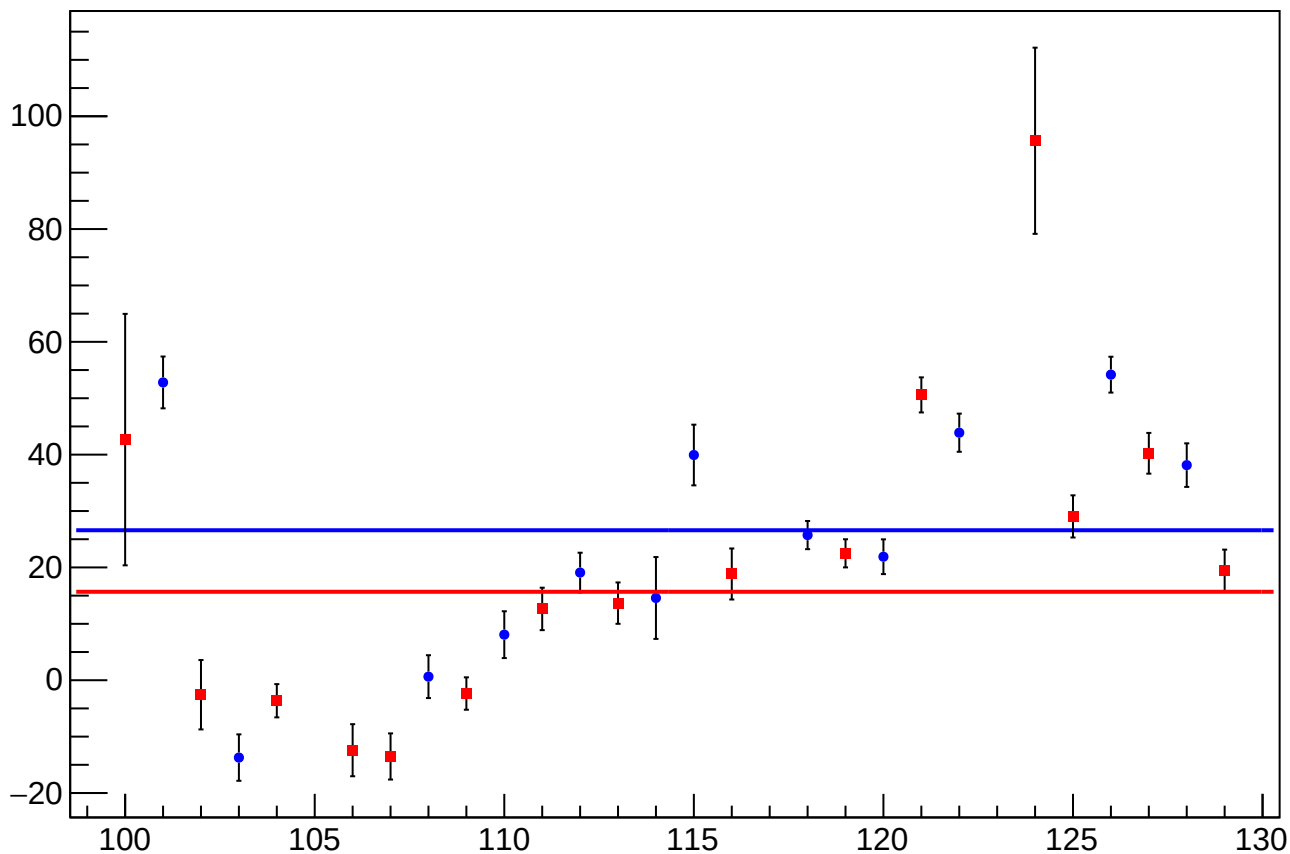
Right: 137.160+/-0.661 χ^2/NDF : 4028.2/26

In: 142.189+/-0.989 χ^2/NDF : 1784.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.160+/-0.661 χ^2/NDF : 4028.2/26

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 26.593+/-1.062 χ^2/NDF : 321.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.683+/-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

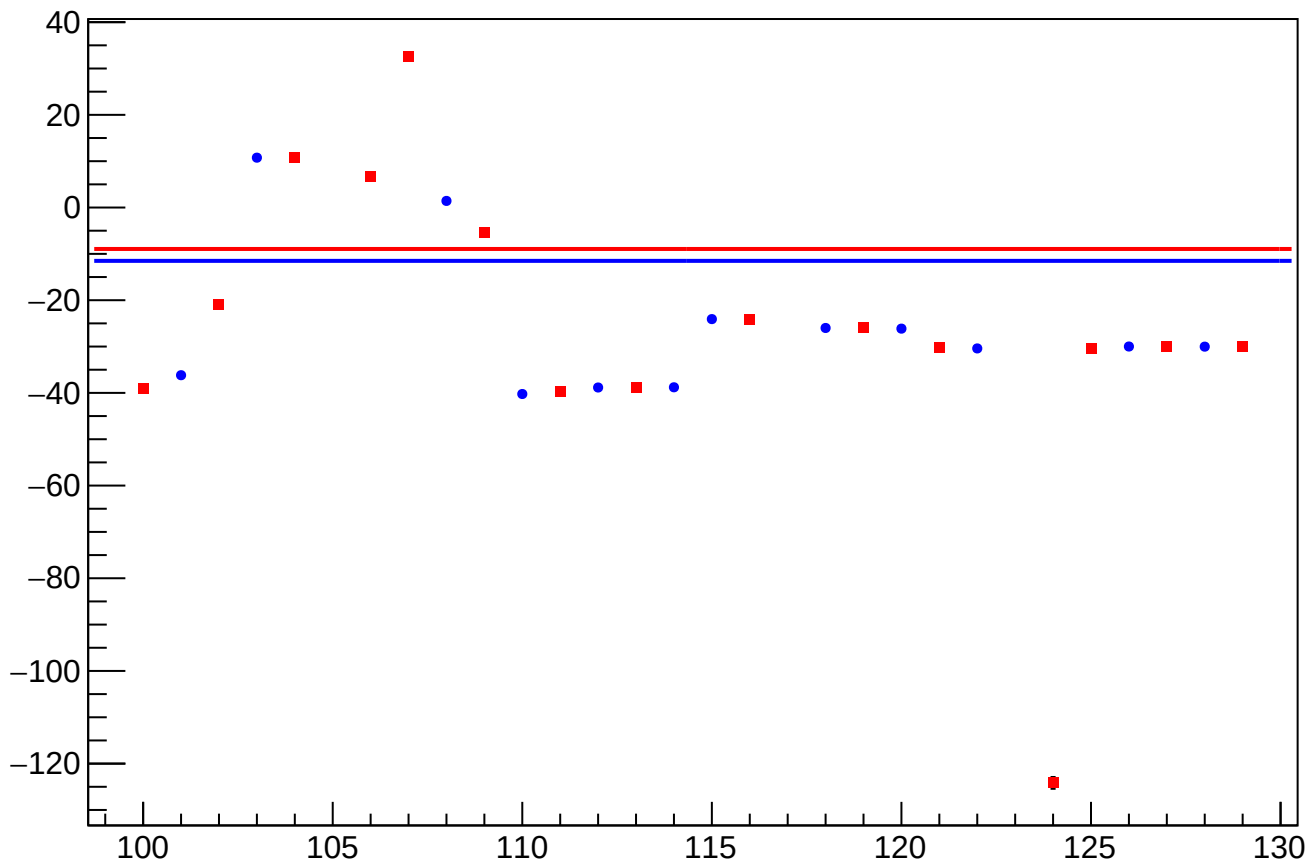
Right: 20.668+/-0.718 χ^2/NDF : 777.7/26

In: 26.593+/-1.062 χ^2/NDF : 321.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.668+/-0.718 χ^2/NDF : 777.7/26

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -11.509+/-0.059 χ^2/NDF : 118046.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.941+/-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

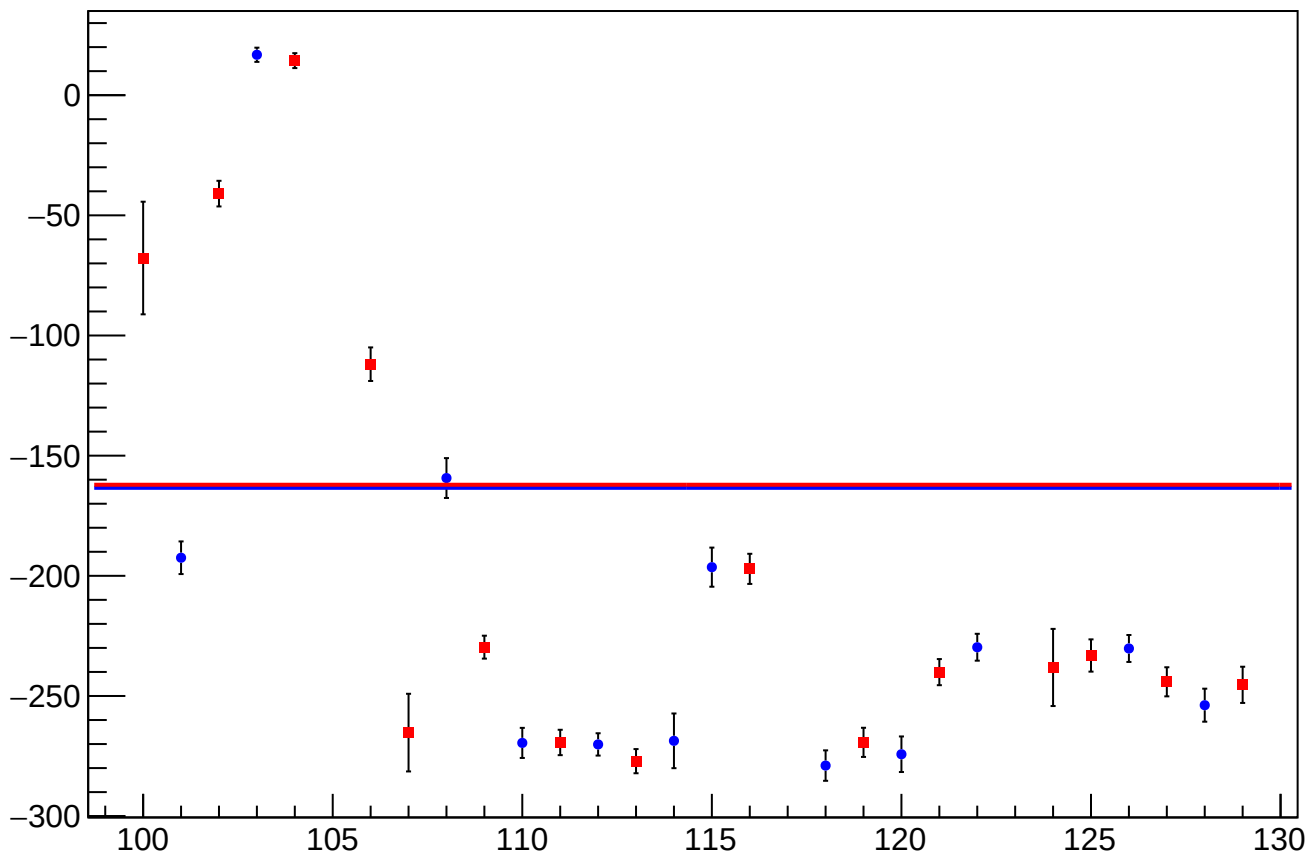
Right: -10.159+/-0.041 χ^2/NDF : 274036.5/26

In: -11.509+/-0.059 χ^2/NDF : 118046.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.159+/-0.041 χ^2/NDF : 274036.5/26

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -163.378 ± 1.636 χ^2/NDF : 5664.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

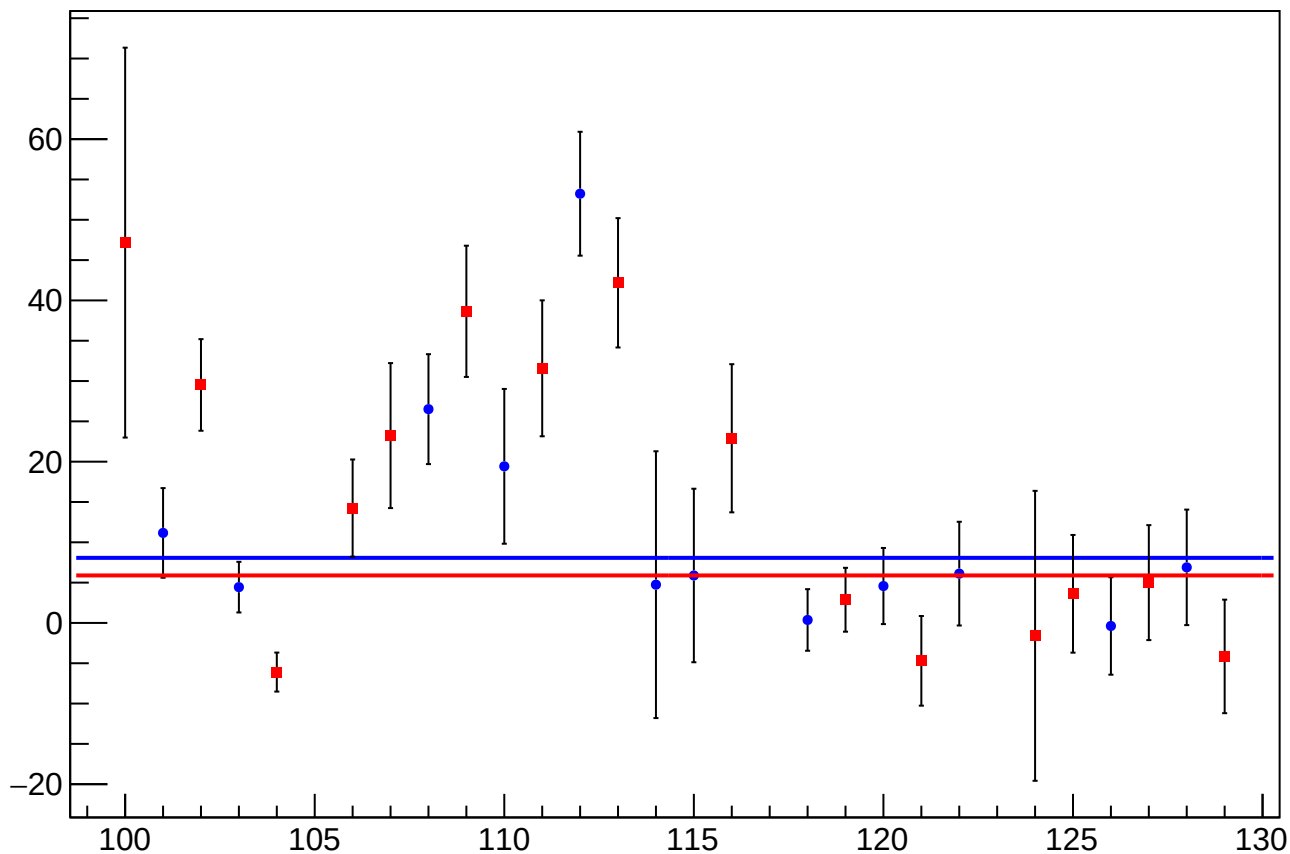
Right: -162.686 ± 1.107 χ^2/NDF : 11647.9/26

In: -163.378 ± 1.636 χ^2/NDF : 5664.4/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -162.686 ± 1.107 χ^2/NDF : 11647.9/26

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.072+/-1.623 χ^2/NDF : 51.7/11

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

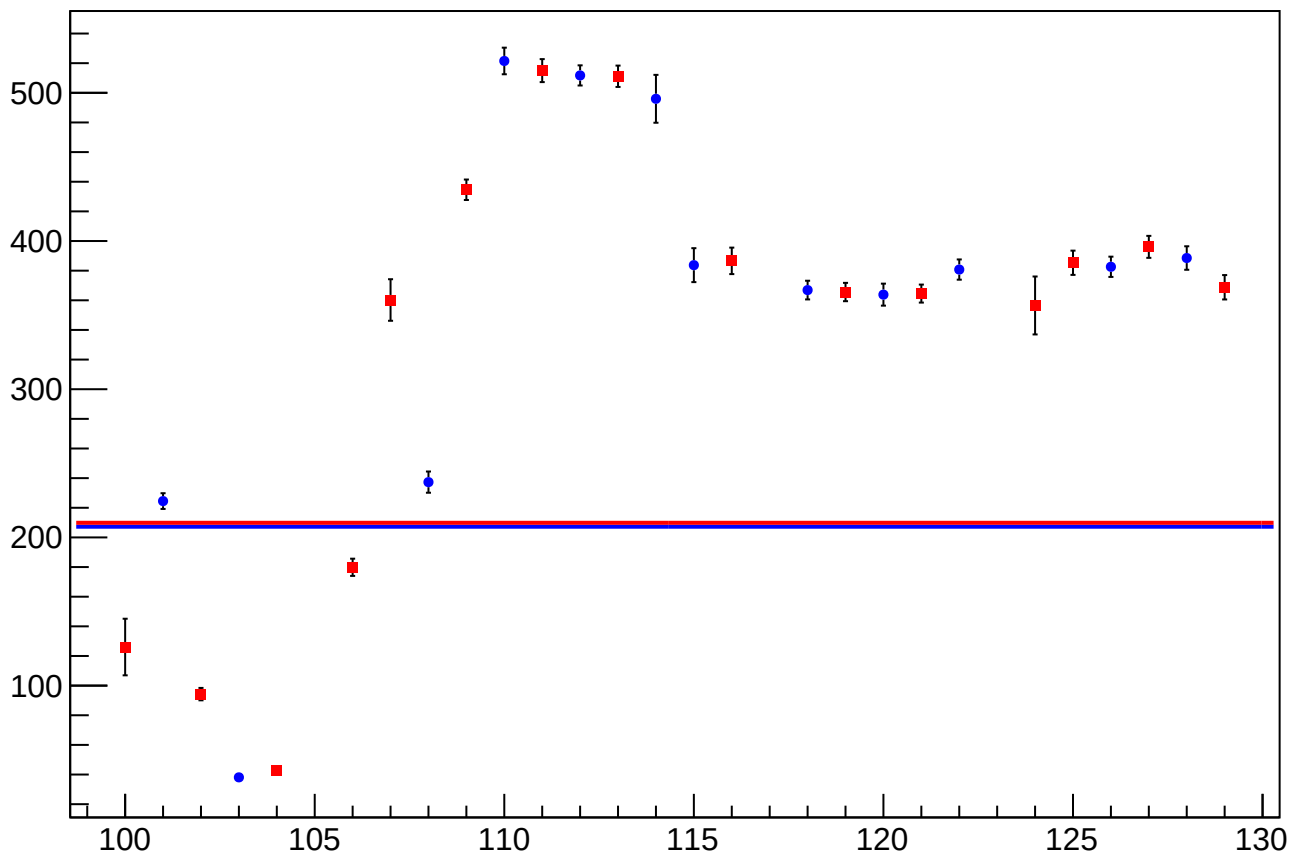
Right: 6.880+/-1.093 χ^2/NDF : 159.0/26

In: 8.072+/-1.623 χ^2/NDF : 51.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.880+/-1.093 χ^2/NDF : 159.0/26

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 207.226+/-1.606 χ^2/NDF : 12032.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

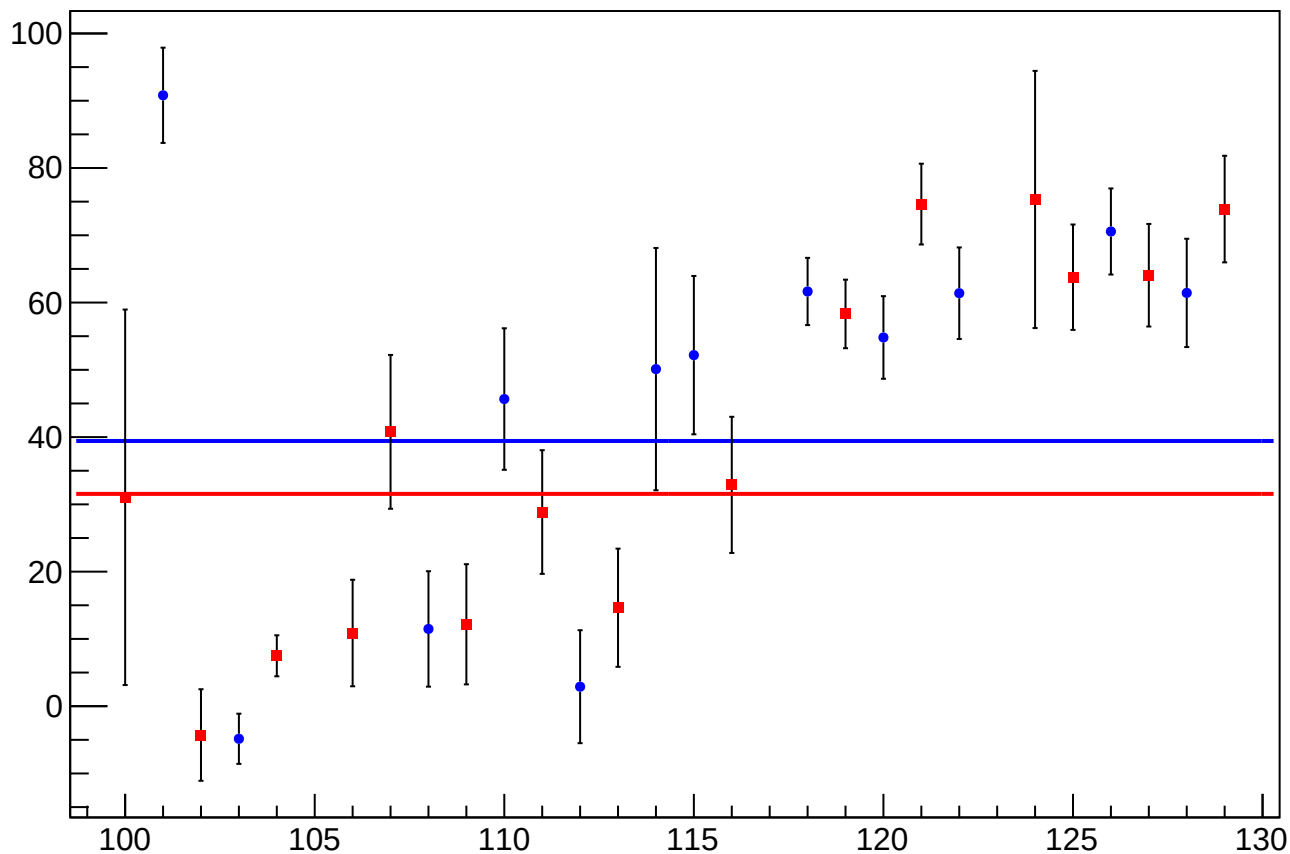
Right: 208.623+/-1.103 χ^2/NDF : 25155.3/26

In: 207.226+/-1.606 χ^2/NDF : 12032.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 208.623+/-1.103 χ^2/NDF : 25155.3/26

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 39.423+/-1.935 χ^2/NDF : 292.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

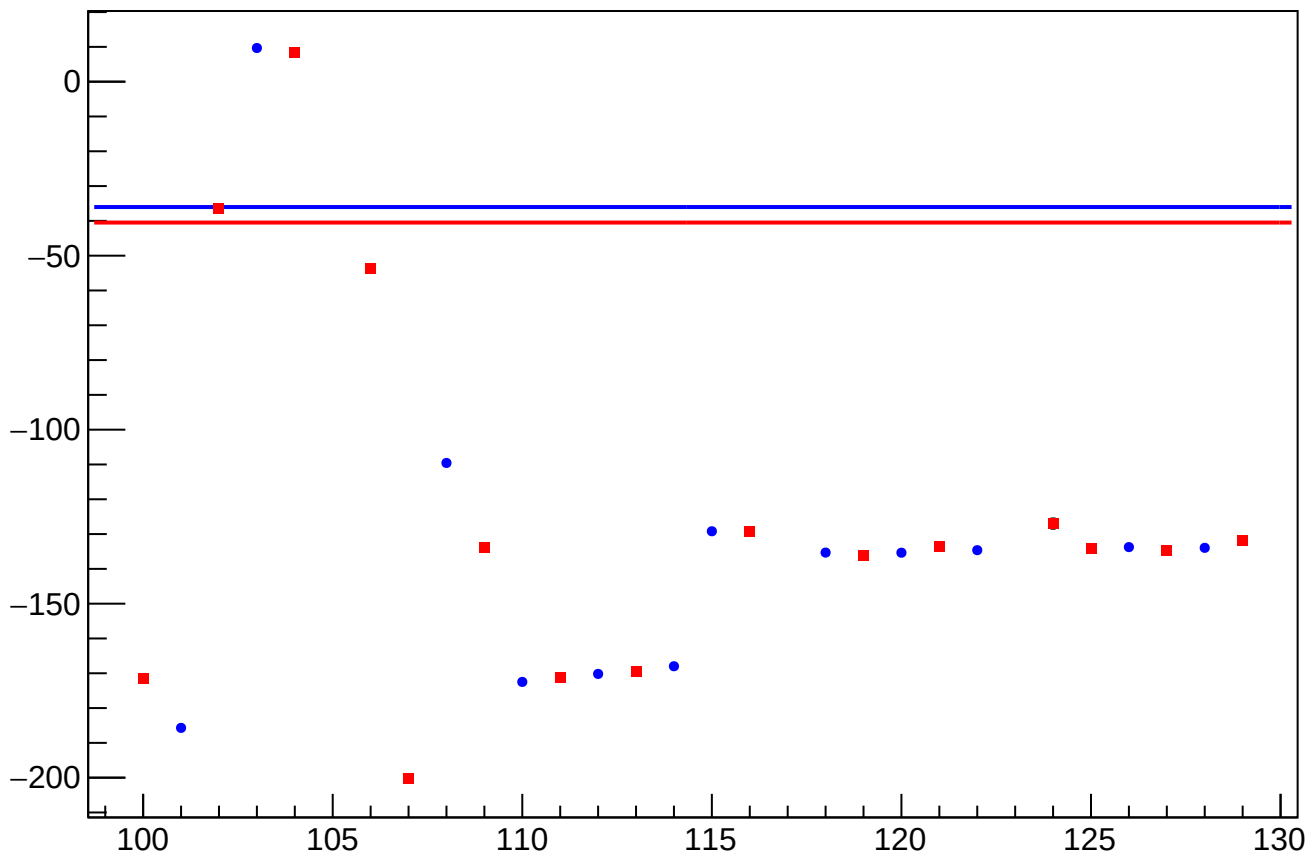
Right: 35.139+/-1.306 χ^2/NDF : 555.5/26

In: 39.423+/-1.935 χ^2/NDF : 292.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.139+/-1.306 χ^2/NDF : 555.5/26

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -36.026 $\pm$ 0.081 χ^2 /NDF: 792335.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -40.486 $\pm$ 0.081 χ^2 /NDF: 577004.2/14

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

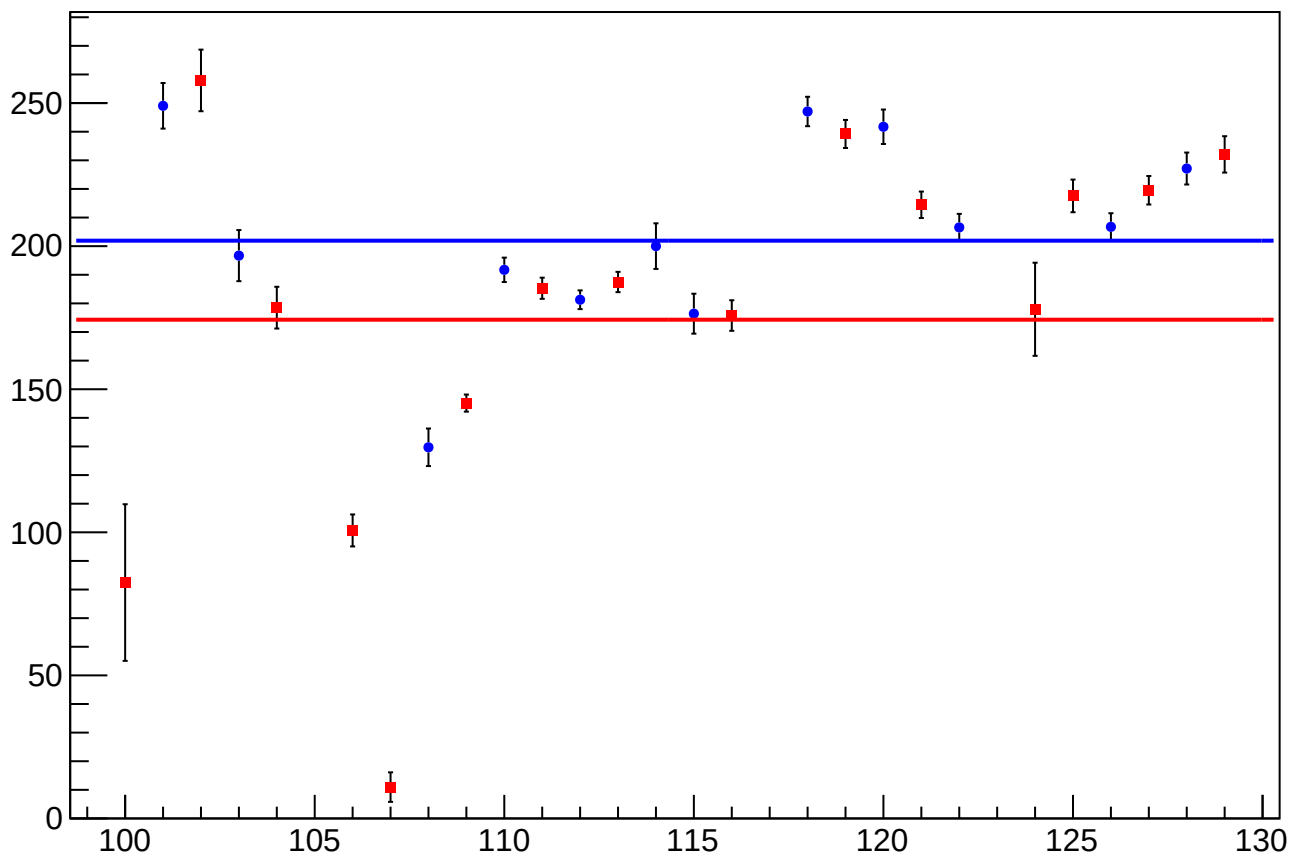
Right: -38.258 $\pm$ 0.057 χ^2 /NDF: 1370863.7/26

In: -36.026 $\pm$ 0.081 χ^2 /NDF:792335.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -38.258 $\pm$ 0.057 χ^2 /NDF: 1370863.7/26

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 201.915 $\pm$ 1.539 χ^2 /NDF: 358.5/11

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

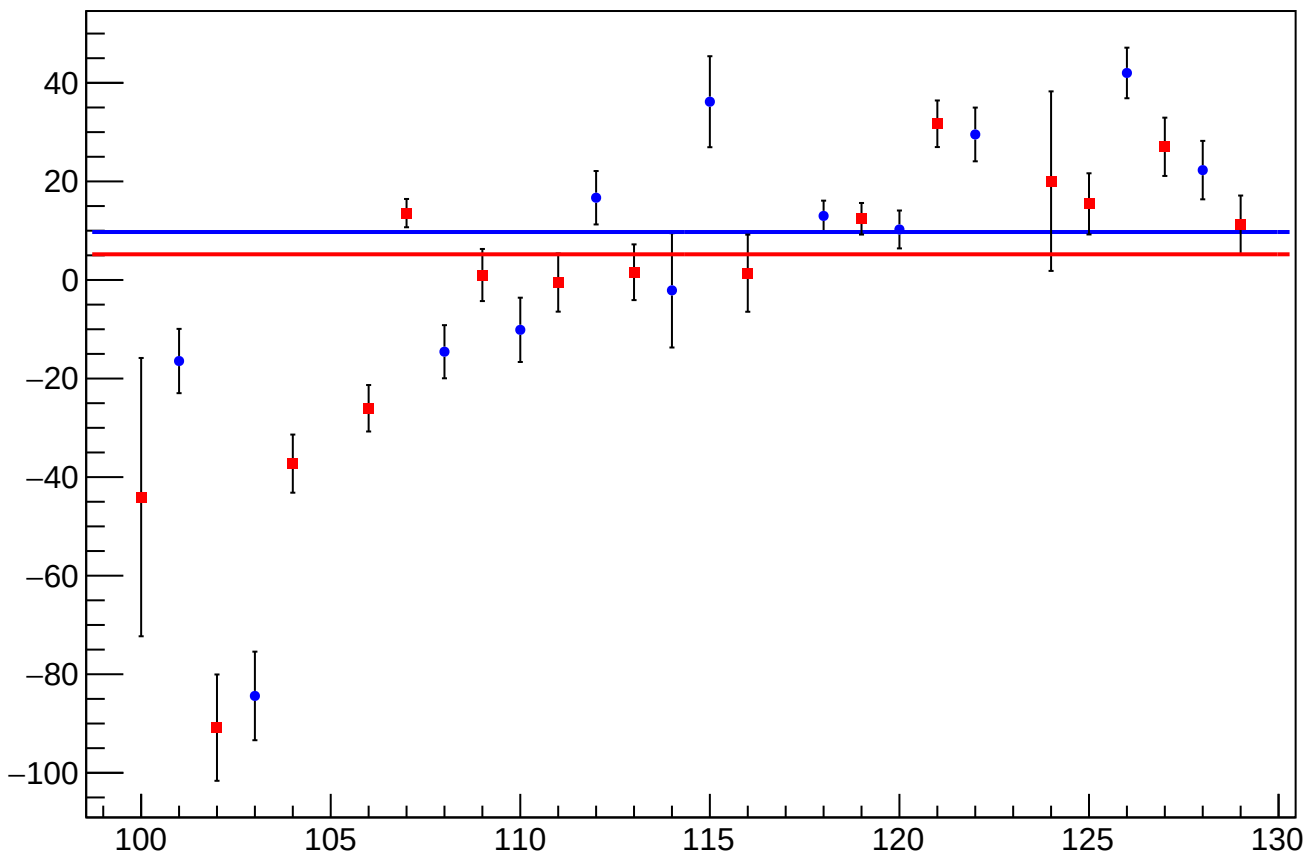
Right: 185.864 $\pm$ 0.996 χ^2 /NDF: 2385.0/26

In: 201.915 $\pm$ 1.539 χ^2 /NDF:358.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 185.864 $\pm$ 0.996 χ^2 /NDF: 2385.0/26

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.734+/-1.545 χ^2/NDF : 224.6/11

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

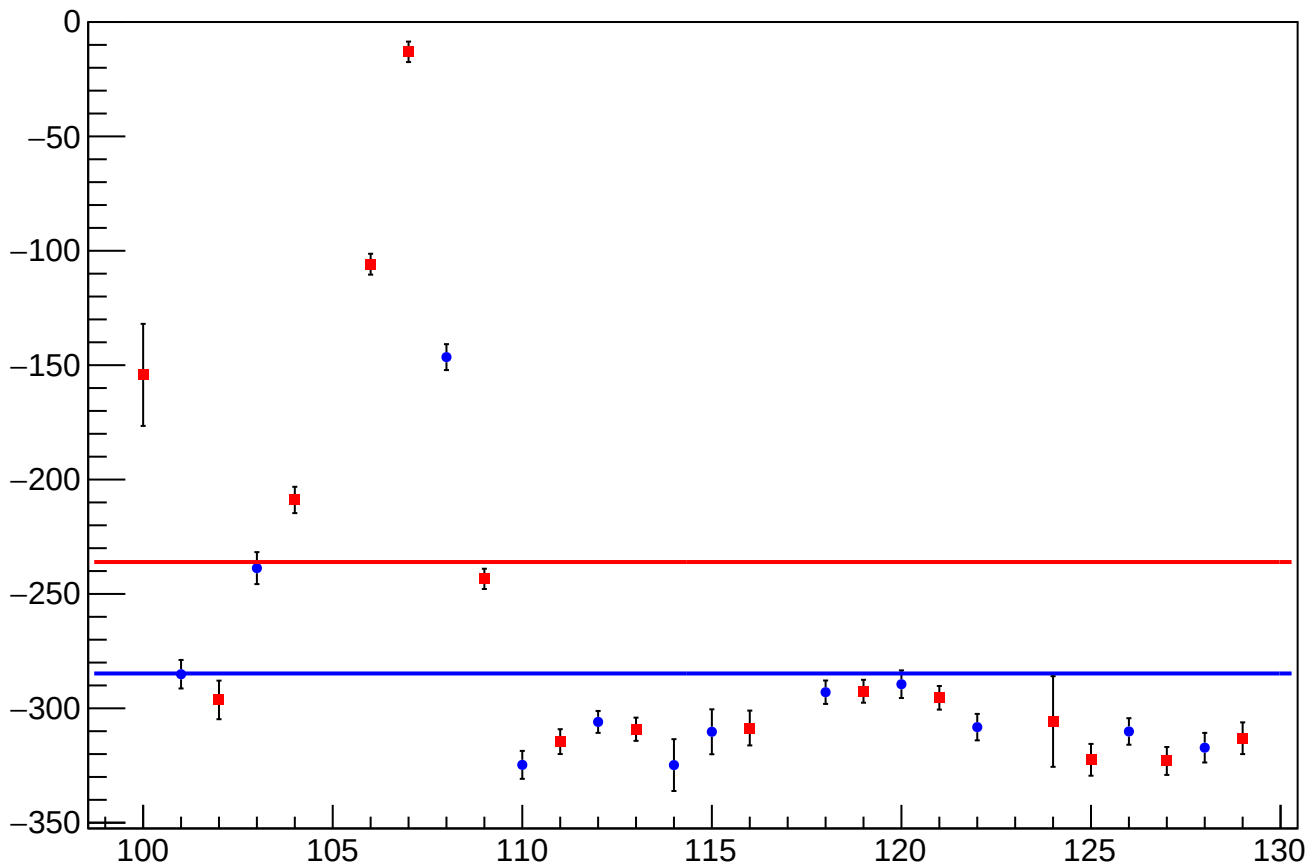
Right: 7.176+/-1.018 χ^2/NDF : 472.7/26

In: 9.734+/-1.545 χ^2/NDF :224.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7.176+/-1.018 χ^2/NDF : 472.7/26

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -284.768+/-1.782 χ^2/NDF : 784.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

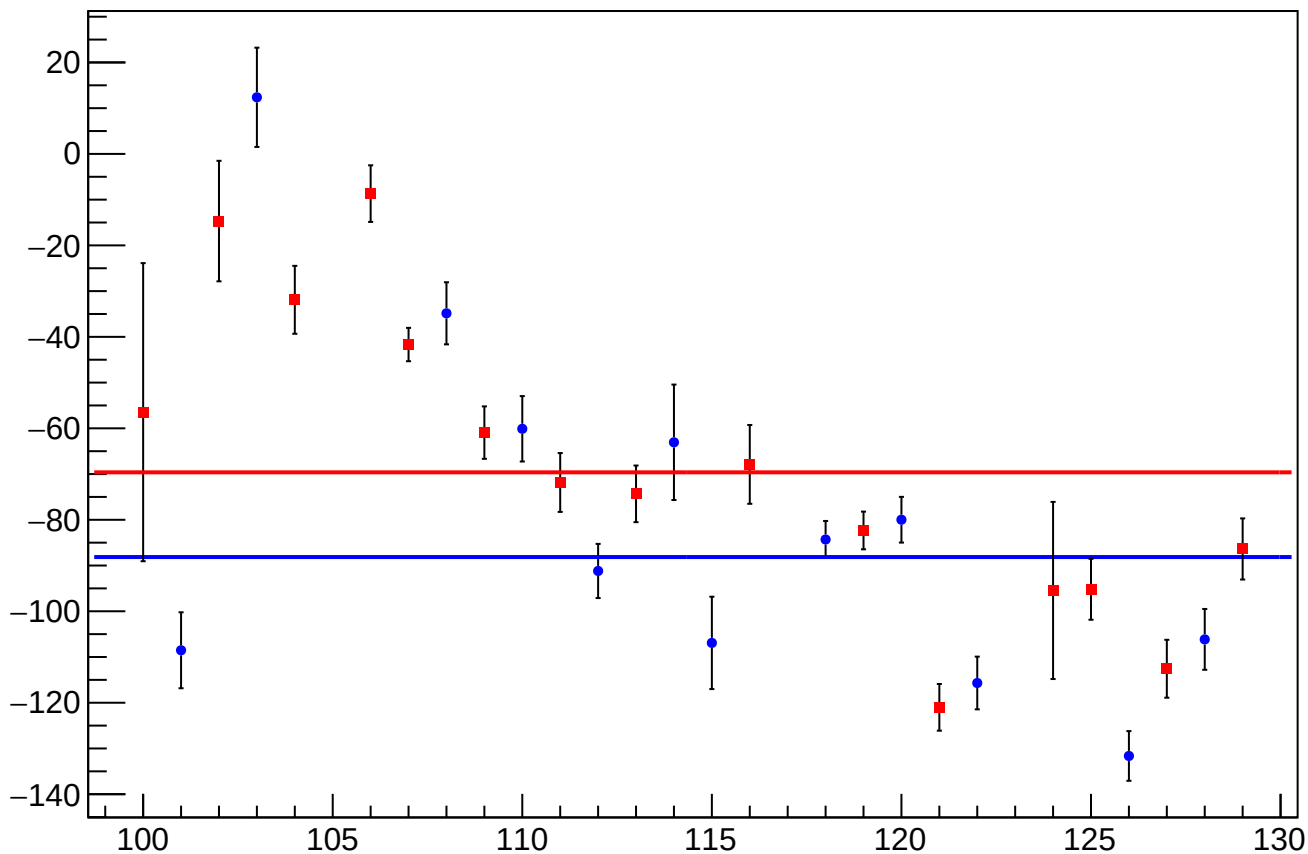
Right: -256.550+/-1.156 χ^2/NDF : 5861.3/26

In: -284.768+/-1.782 χ^2/NDF : 784.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -256.550+/-1.156 χ^2/NDF : 5861.3/26

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -88.144 ± 1.837 $\chi^2/\text{NDF}: 274.3/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -69.622 ± 1.601 $\chi^2/\text{NDF}: 381.7/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

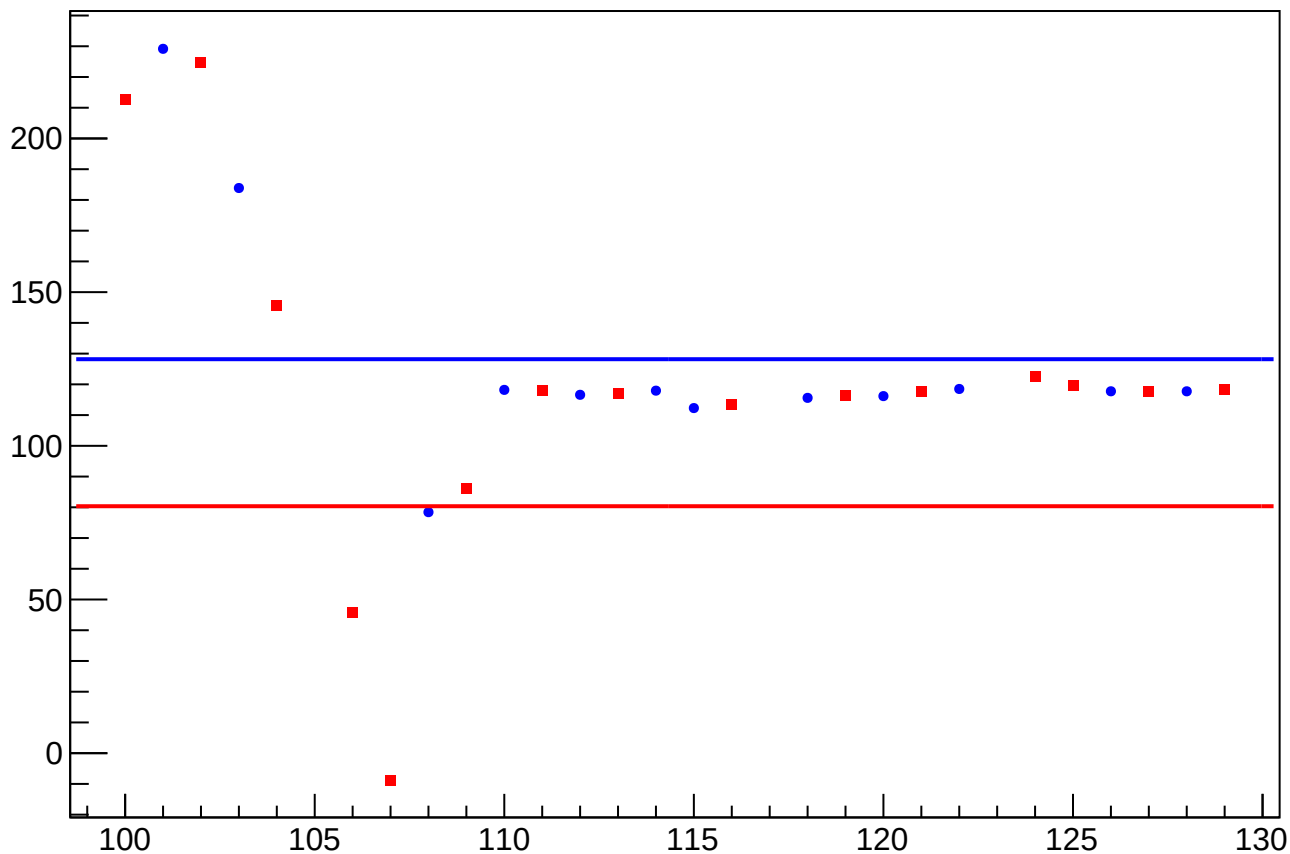
Right: -77.620 ± 1.207 $\chi^2/\text{NDF}: 713.8/26$

In: -88.144 ± 1.837 $\chi^2/\text{NDF}: 274.3/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -77.620 ± 1.207 $\chi^2/\text{NDF}: 713.8/26$

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 128.183+/-0.115 χ^2/NDF : 159435.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

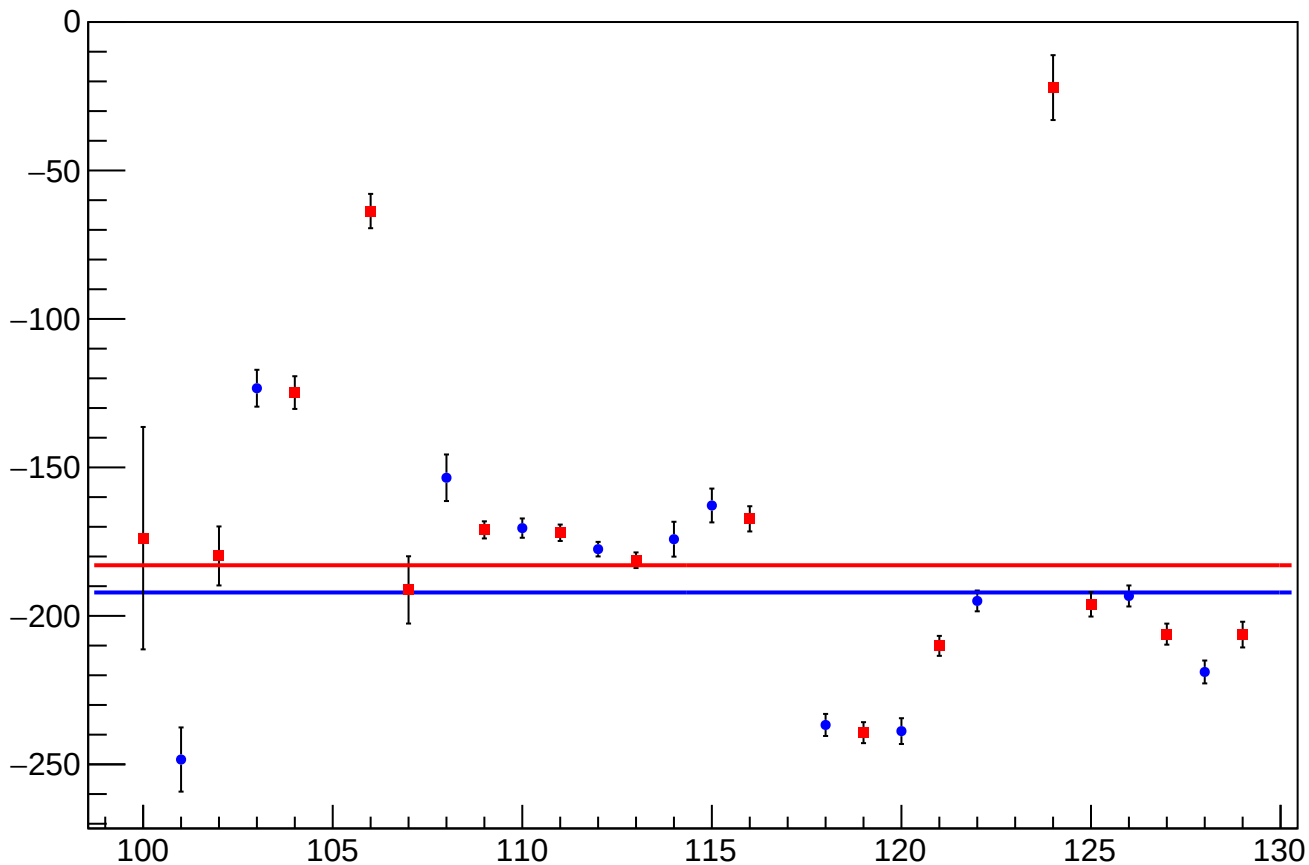
Right: 98.795+/-0.071 χ^2/NDF : 802493.9/26

In: 128.183+/-0.115 χ^2/NDF : 159435.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.795+/-0.071 χ^2/NDF : 802493.9/26

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -192.117+/-1.174 χ^2/NDF : 598.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

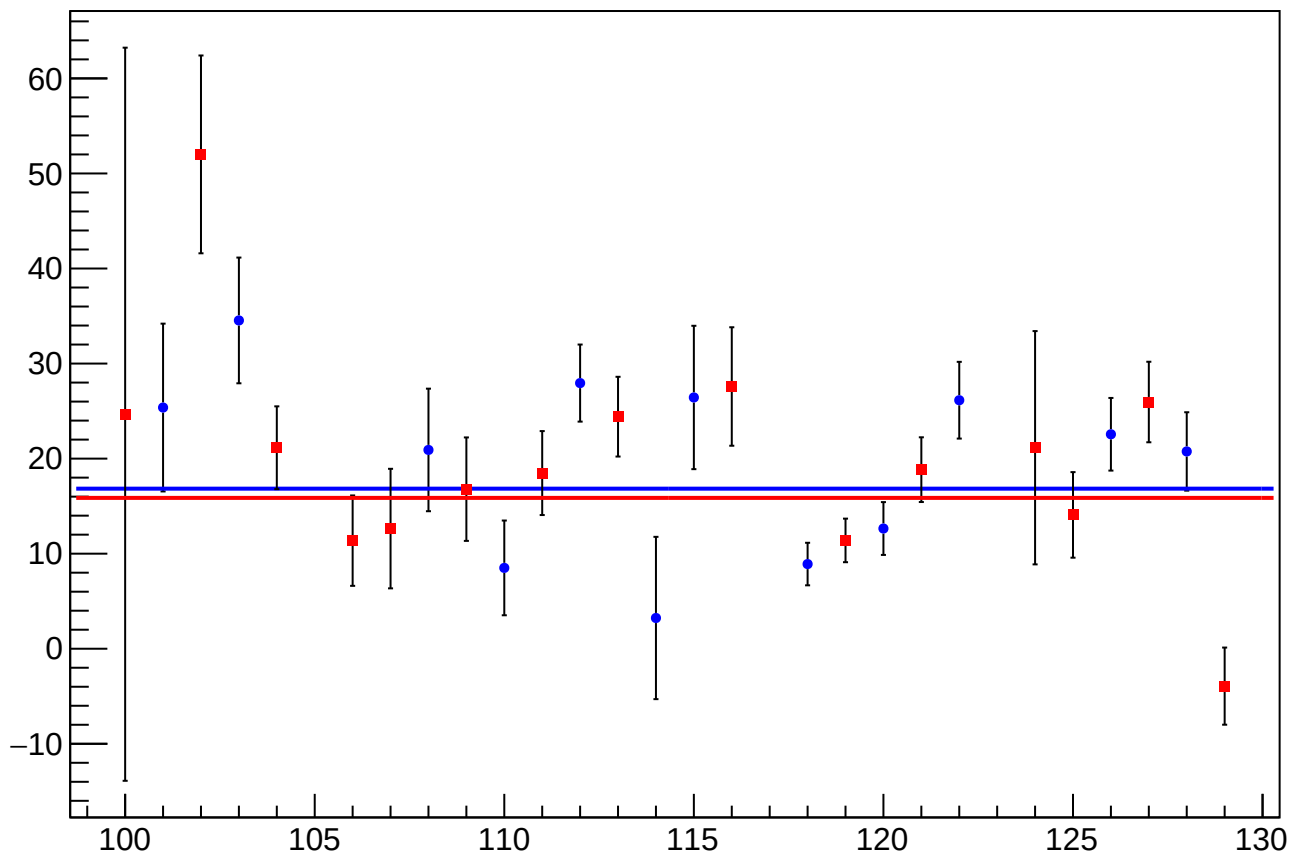
Right: -187.039+/-0.784 χ^2/NDF : 1836.4/26

In: -192.117+/-1.174 χ^2/NDF : 598.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -187.039+/-0.784 χ^2/NDF : 1836.4/26

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.840+/-1.187 χ^2/NDF : 46.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

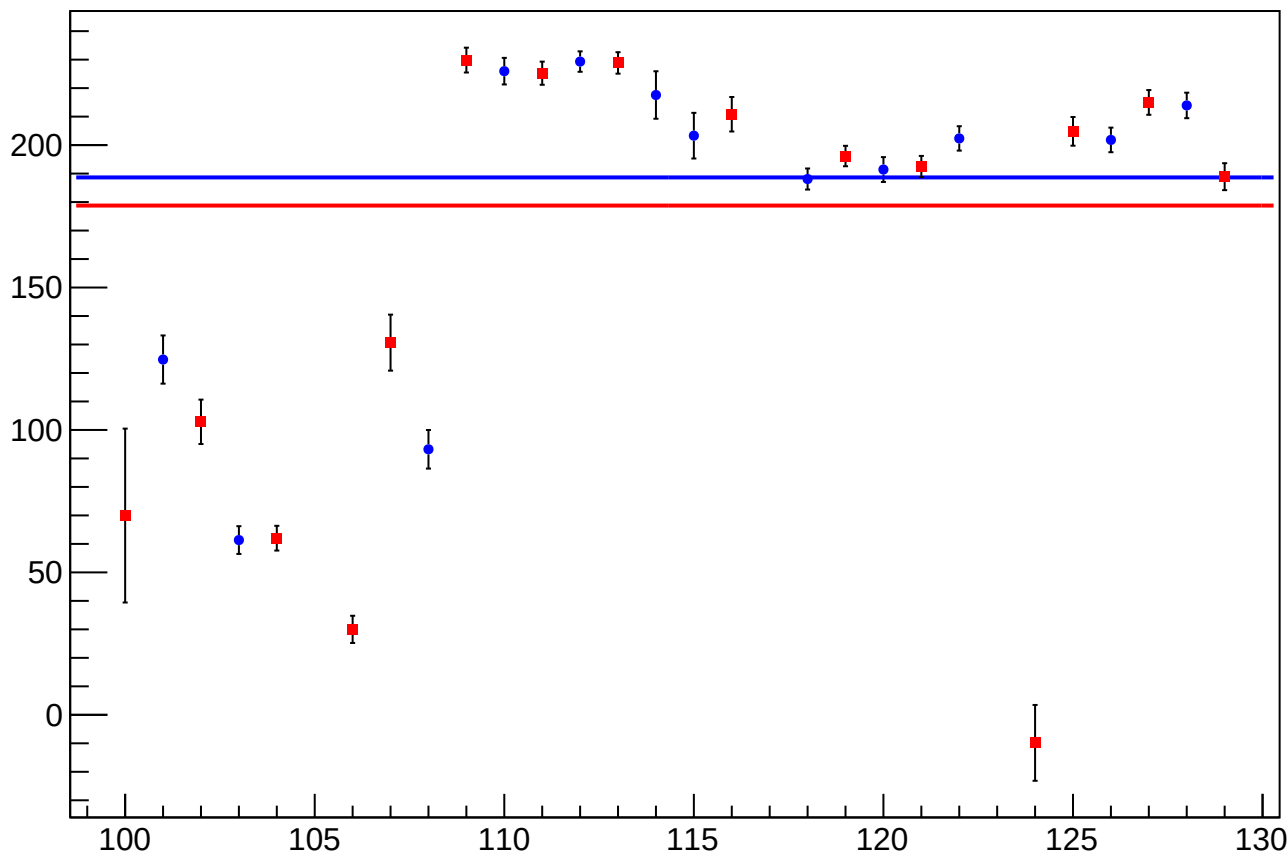
Right: 16.341+/-0.828 χ^2/NDF : 103.8/26

In: 16.840+/-1.187 χ^2/NDF : 46.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.341+/-0.828 χ^2/NDF : 103.8/26

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 188.651+/-1.393 χ^2/NDF : 1198.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

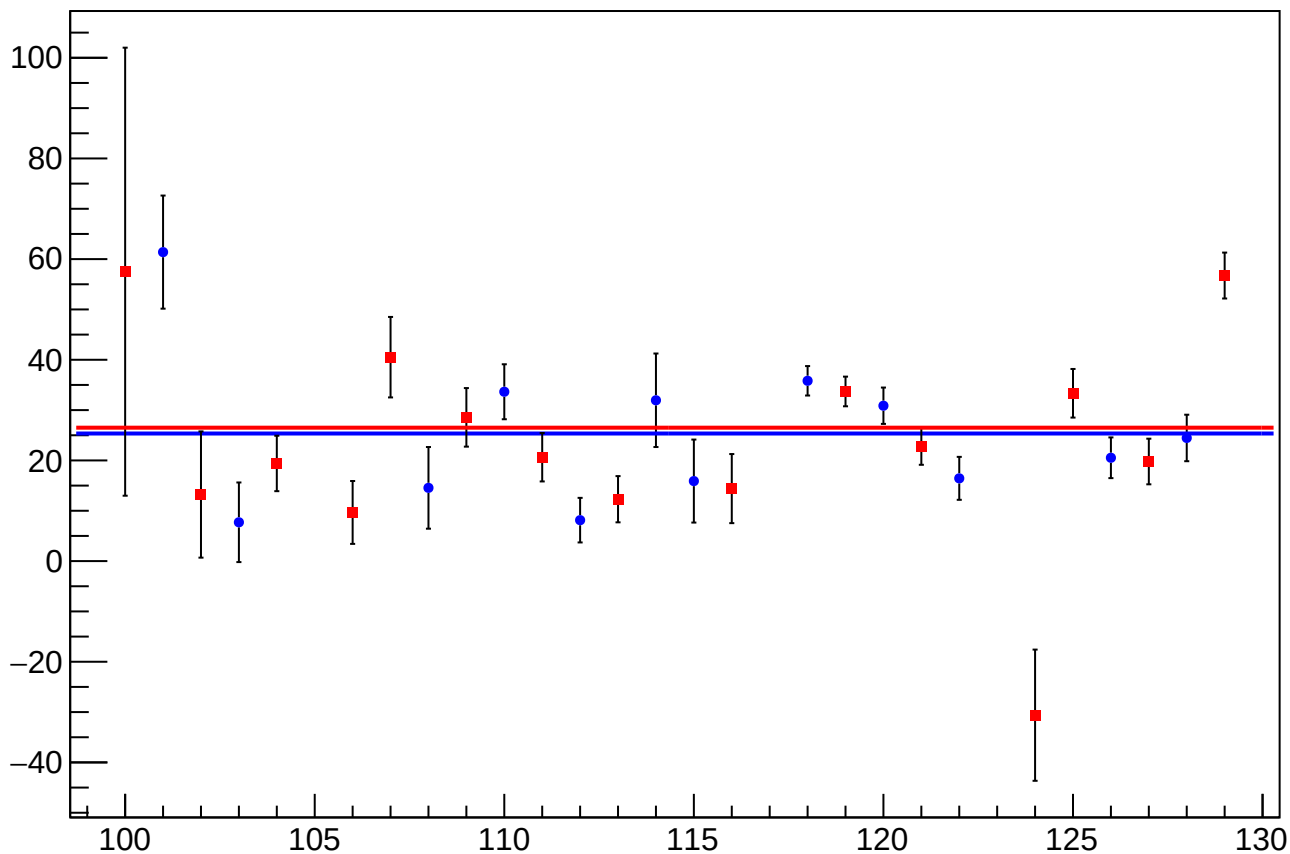
Right: 183.224+/-0.935 χ^2/NDF : 3863.6/26

In: 188.651+/-1.393 χ^2/NDF : 1198.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.224+/-0.935 χ^2/NDF : 3863.6/26

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 25.349+/-1.405 χ^2/NDF : 57.2/11

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

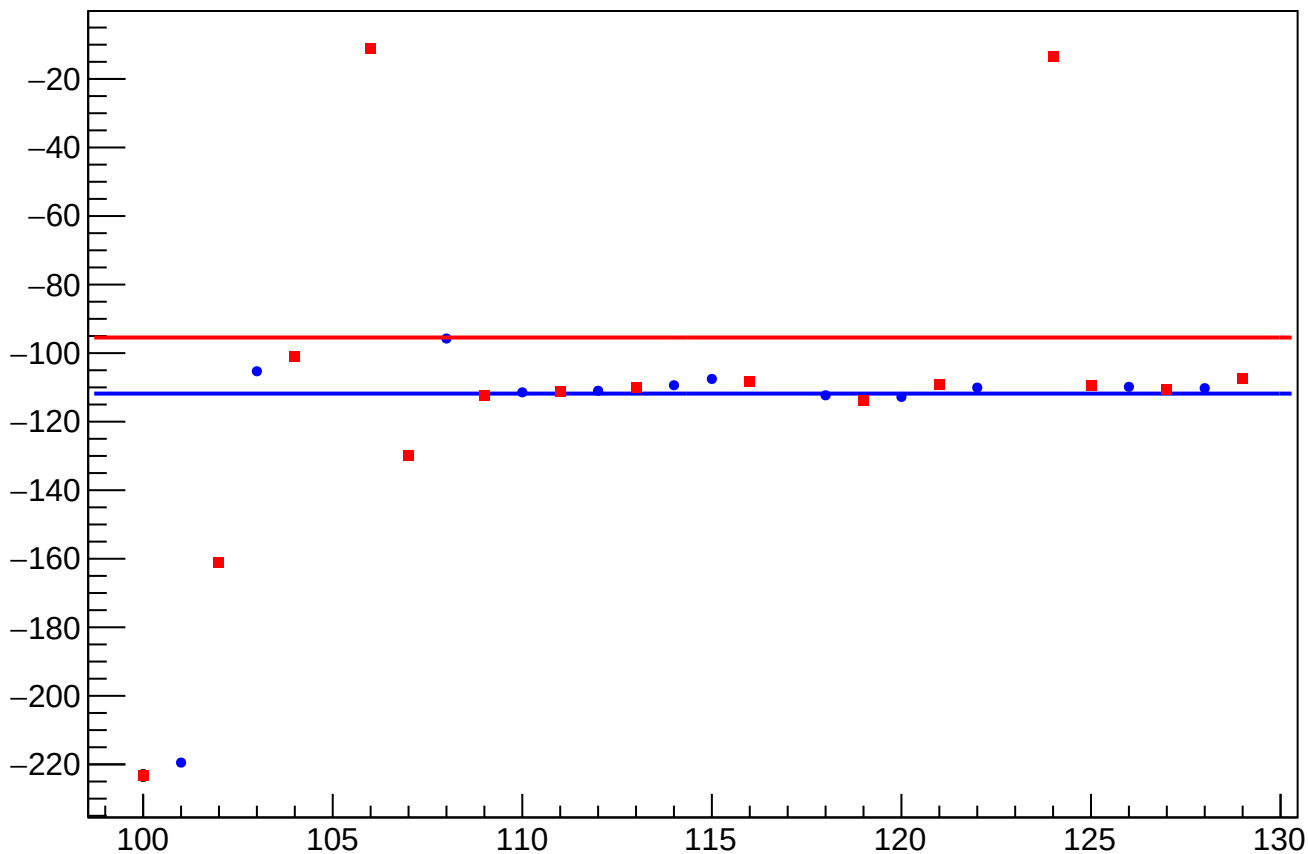
Right: 25.955+/-0.970 χ^2/NDF : 159.8/26

In: 25.349+/-1.405 χ^2/NDF : 57.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.955+/-0.970 χ^2/NDF : 159.8/26

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -111.810+/-0.095 χ^2/NDF : 50439.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -95.445+/-0.083 χ^2/NDF : 257258.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

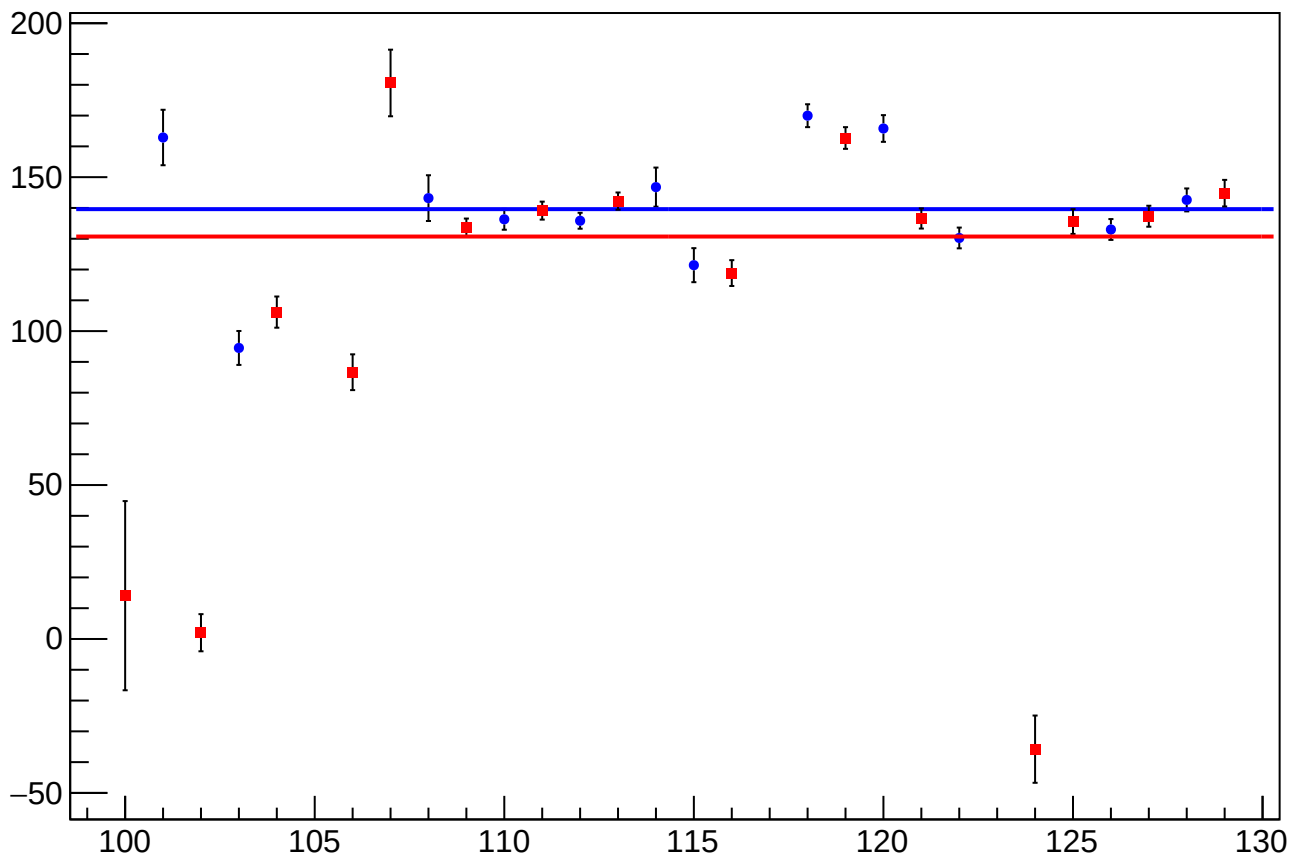
Right: -102.579+/-0.063 χ^2/NDF : 324551.5/26

In: -111.810+/-0.095 χ^2/NDF : 50439.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -102.579+/-0.063 χ^2/NDF : 324551.5/26

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 139.614 $\pm$ 1.170 χ^2 /NDF: 204.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 130.715 $\pm$ 1.047 χ^2 /NDF: 940.0/14

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

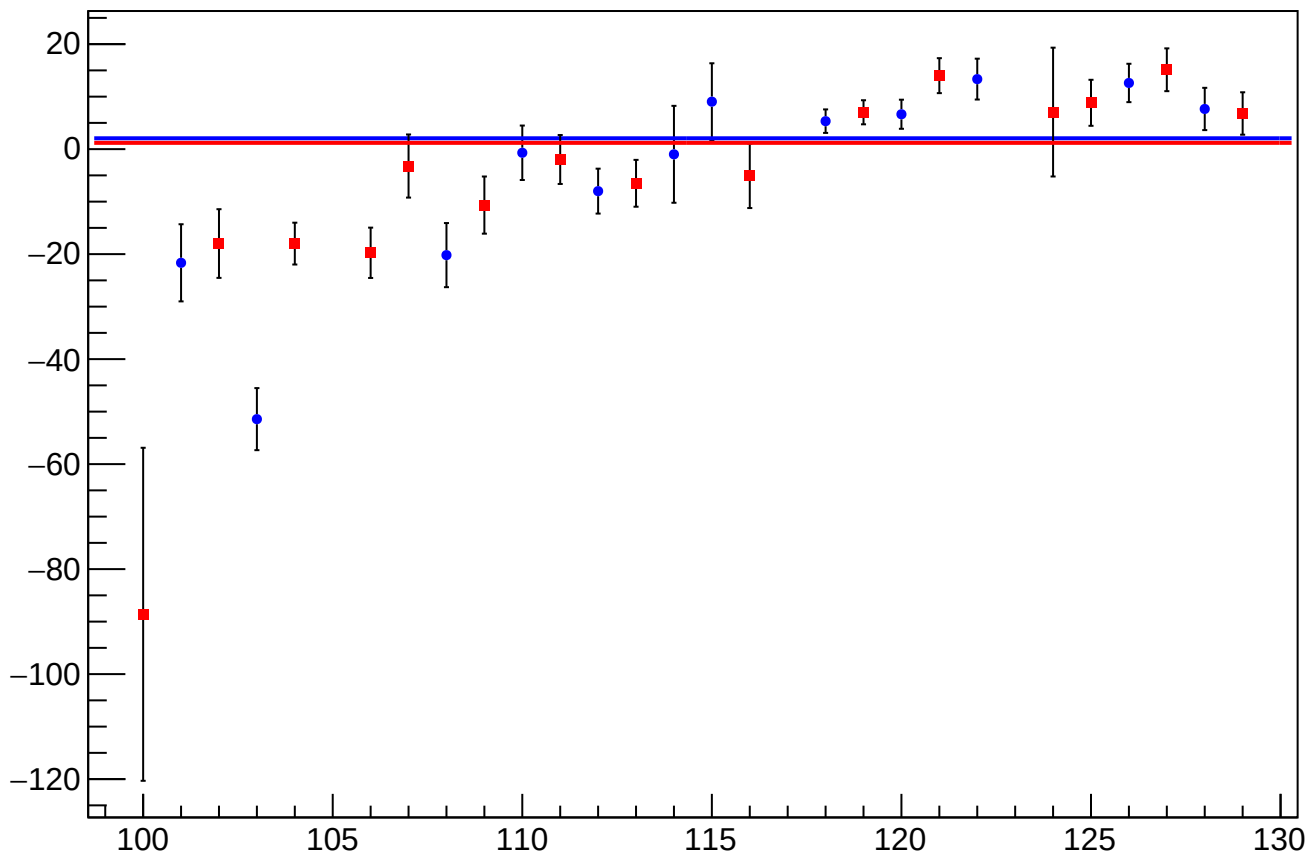
Right: 134.673 $\pm$ 0.780 χ^2 /NDF: 1176.4/26

In: 139.614 $\pm$ 1.170 χ^2 /NDF:204.2/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 134.673 $\pm$ 0.780 χ^2 /NDF: 1176.4/26

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.067+/-1.172 χ^2/NDF : 135.9/11

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

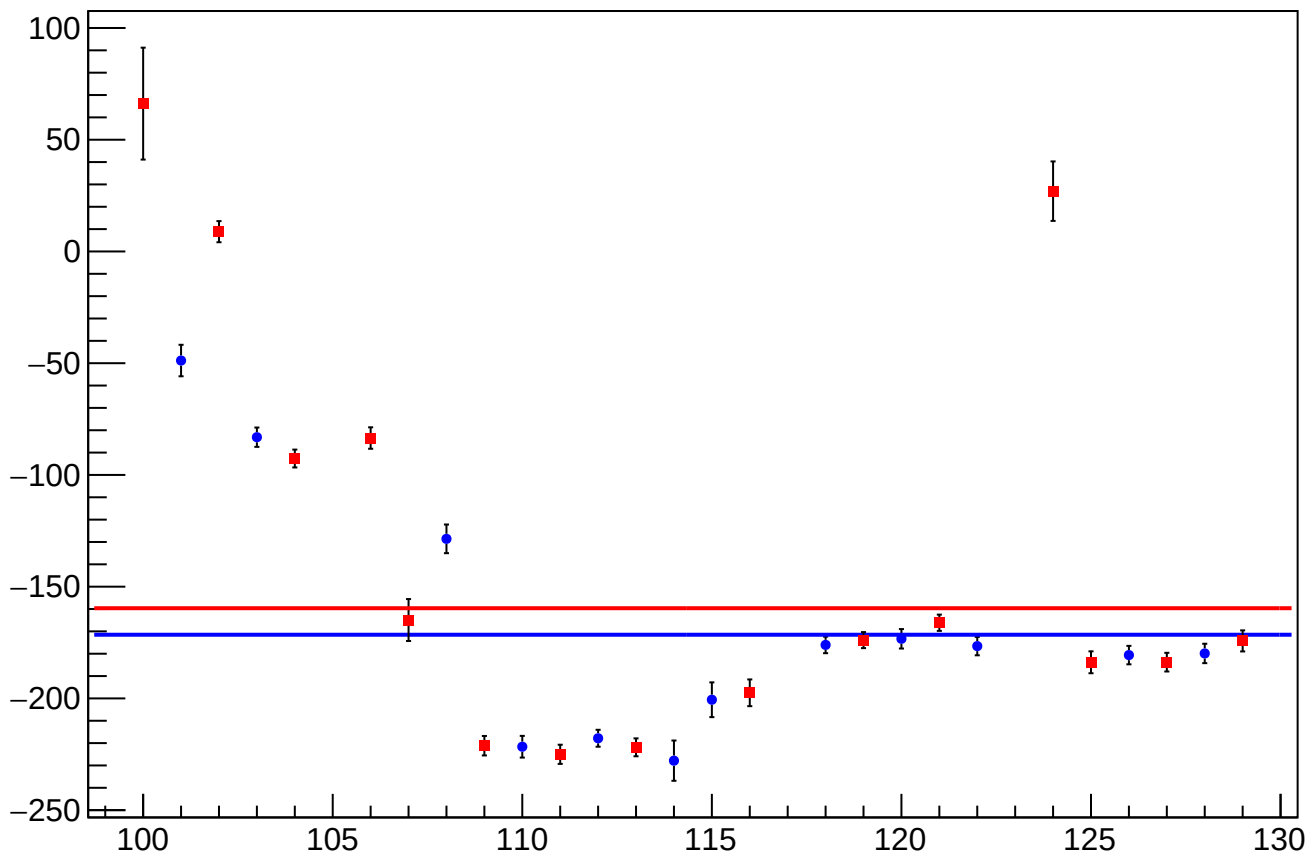
Right: 1.618+/-0.815 χ^2/NDF : 242.9/26

In: 2.067+/-1.172 χ^2/NDF : 135.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.618+/-0.815 χ^2/NDF : 242.9/26

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -171.508+/-1.367 χ^2/NDF : 1086.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

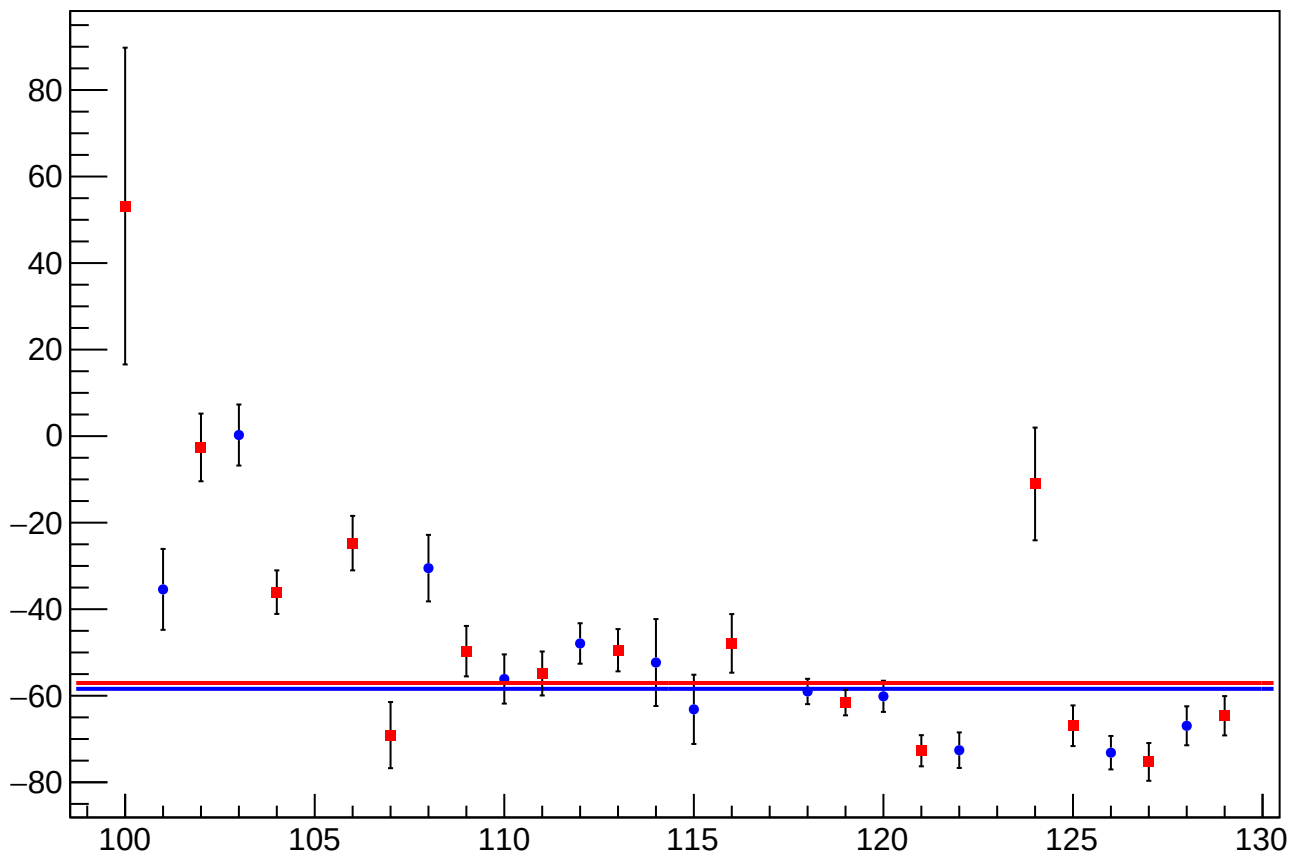
Right: -164.937+/-0.913 χ^2/NDF : 4007.7/26

In: -171.508+/-1.367 χ^2/NDF : 1086.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -164.937+/-0.913 χ^2/NDF : 4007.7/26

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -58.407+/-1.387 χ^2/NDF : 124.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -57.056+/-1.319 χ^2/NDF : 168.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

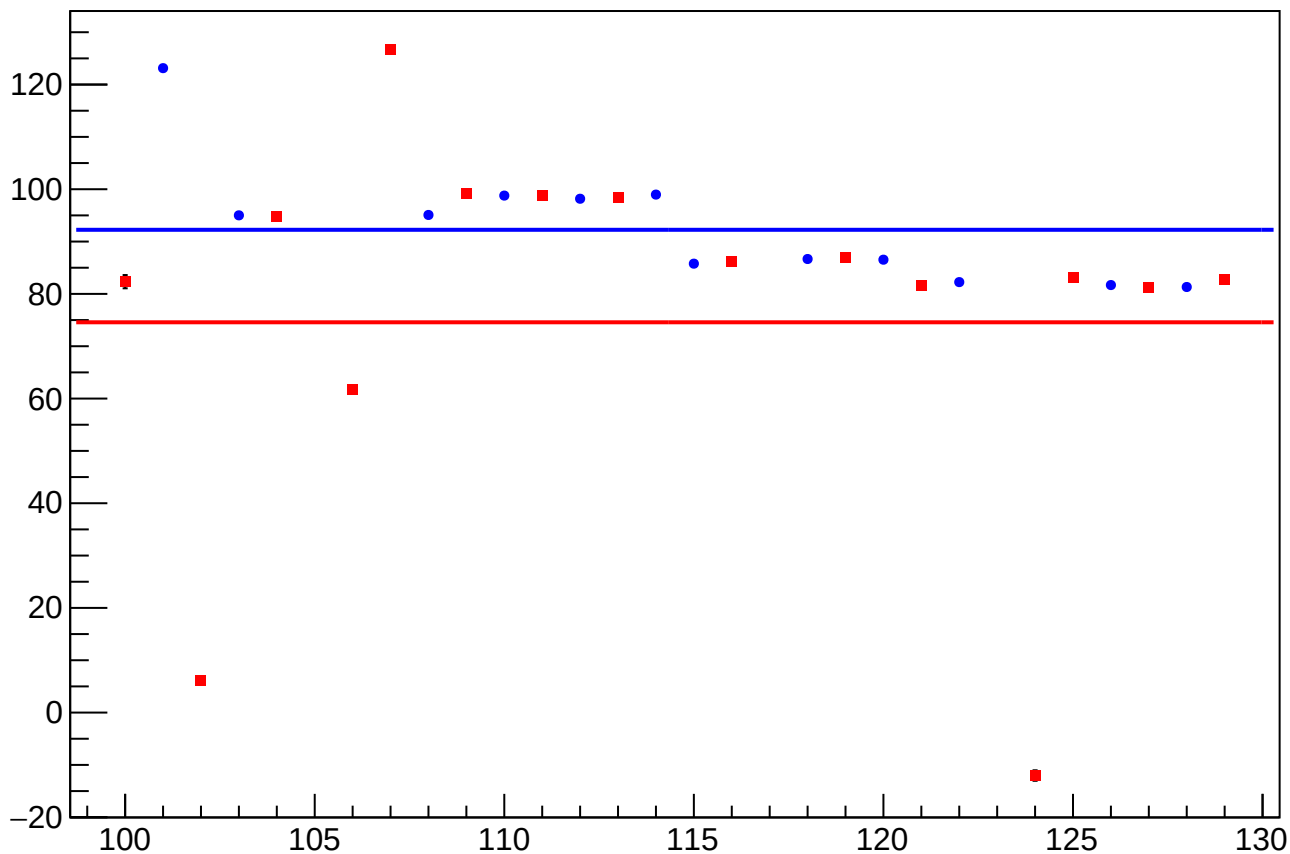
Right: -57.697+/-0.956 χ^2/NDF : 293.3/26

In: -58.407+/-1.387 χ^2/NDF : 124.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -57.697+/-0.956 χ^2/NDF : 293.3/26

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 92.249+/-0.091 χ^2/NDF : 10382.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 74.574+/-0.078 χ^2/NDF : 177501.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

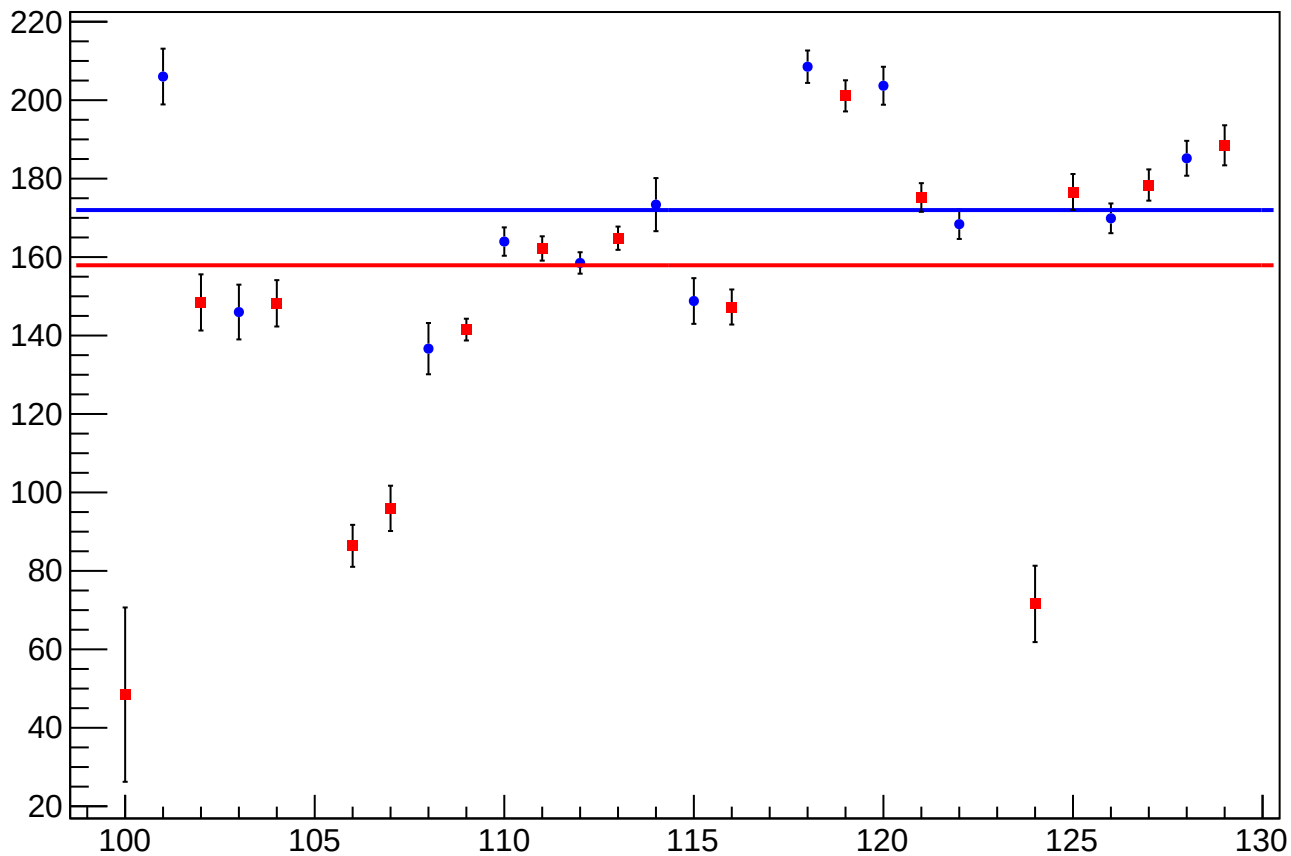
Right: 82.085+/-0.059 χ^2/NDF : 209681.4/26

In: 92.249+/-0.091 χ^2/NDF :10382.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 82.085+/-0.059 χ^2/NDF : 209681.4/26

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 171.985+/-1.273 χ^2/NDF : 242.3/11

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

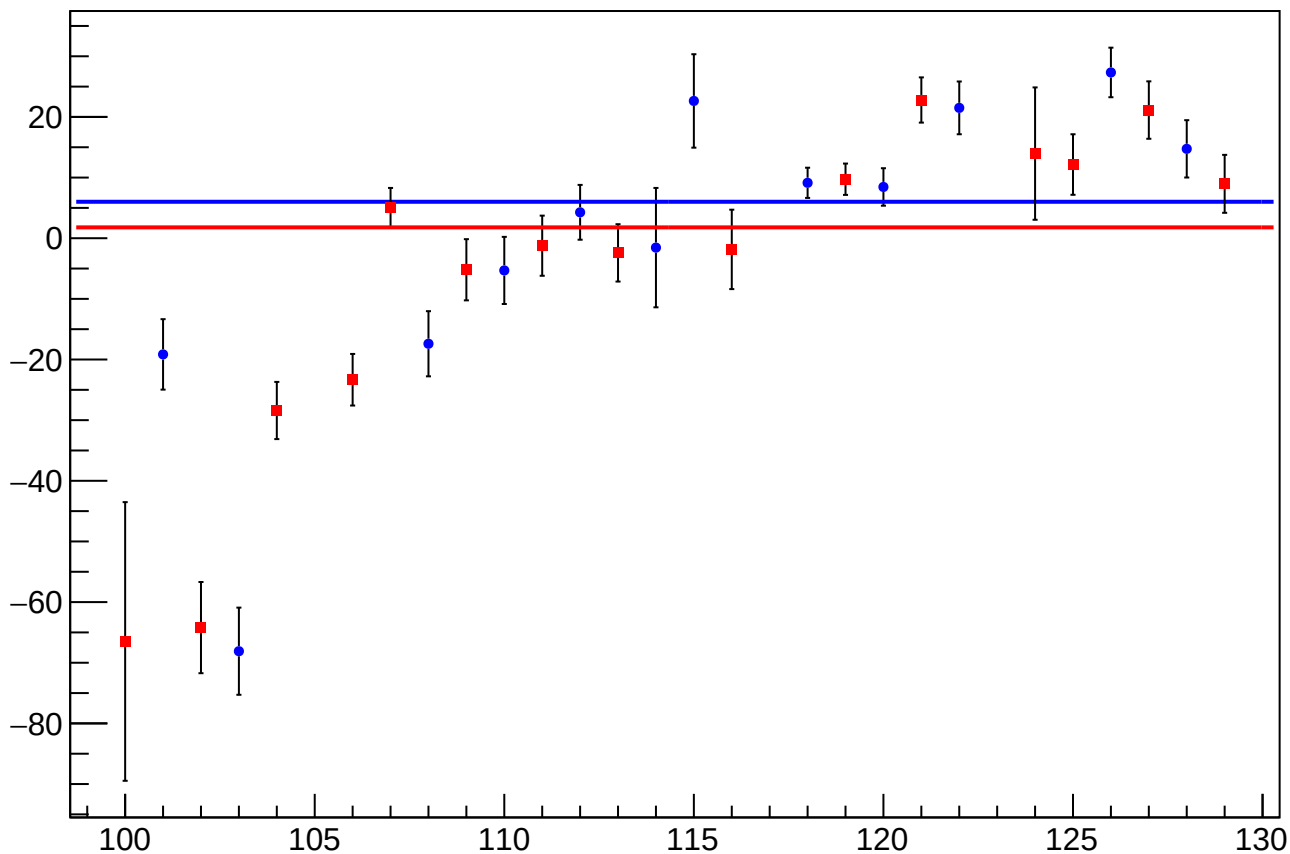
Right: 163.995+/-0.837 χ^2/NDF : 980.5/26

In: 171.985+/-1.273 χ^2/NDF : 242.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.995+/-0.837 χ^2/NDF : 980.5/26

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.011+/-1.274 χ^2/NDF : 199.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.788+/-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

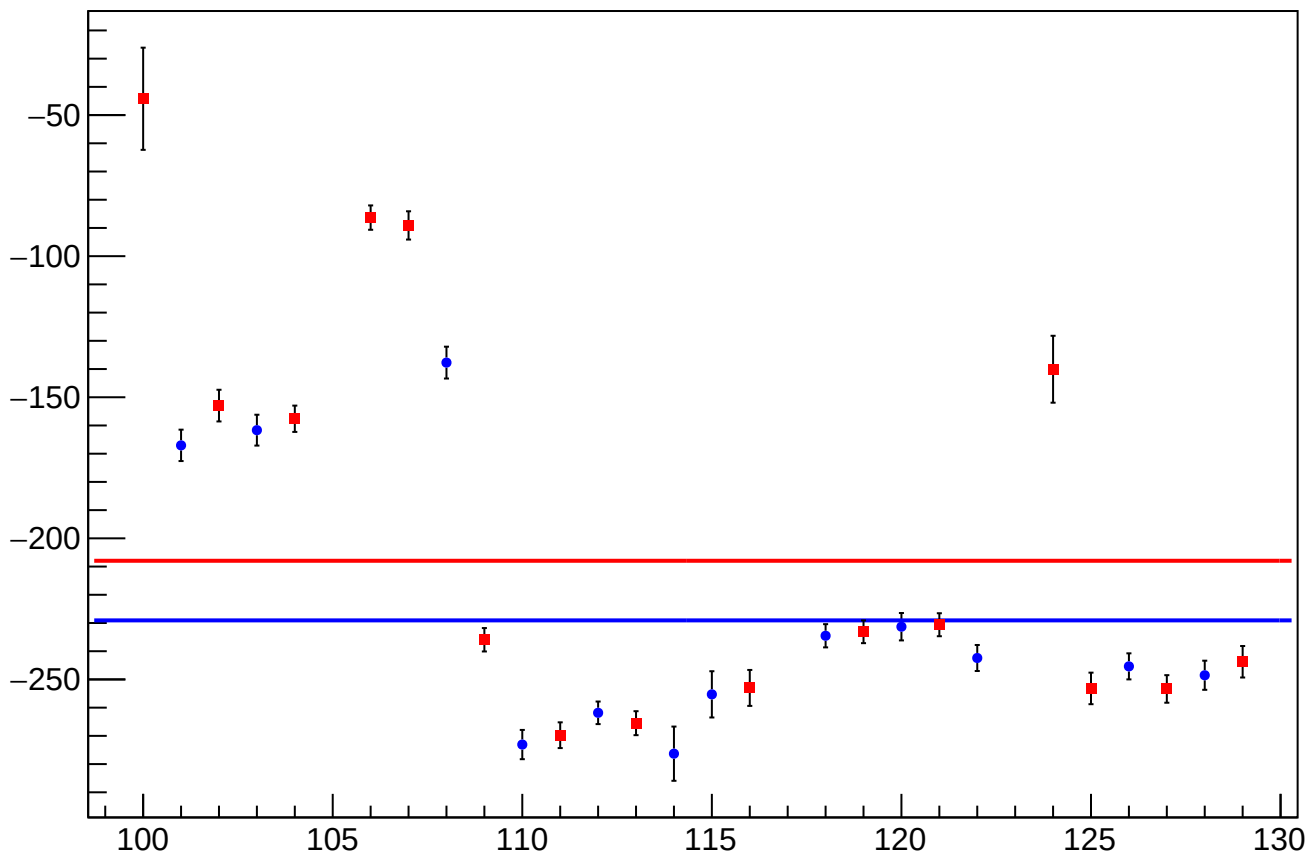
Right: 3.730+/-0.864 χ^2/NDF : 437.0/26

In: 6.011+/-1.274 χ^2/NDF : 199.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.730+/-0.864 χ^2/NDF : 437.0/26

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -229.074+/-1.482 χ^2/NDF : 748.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

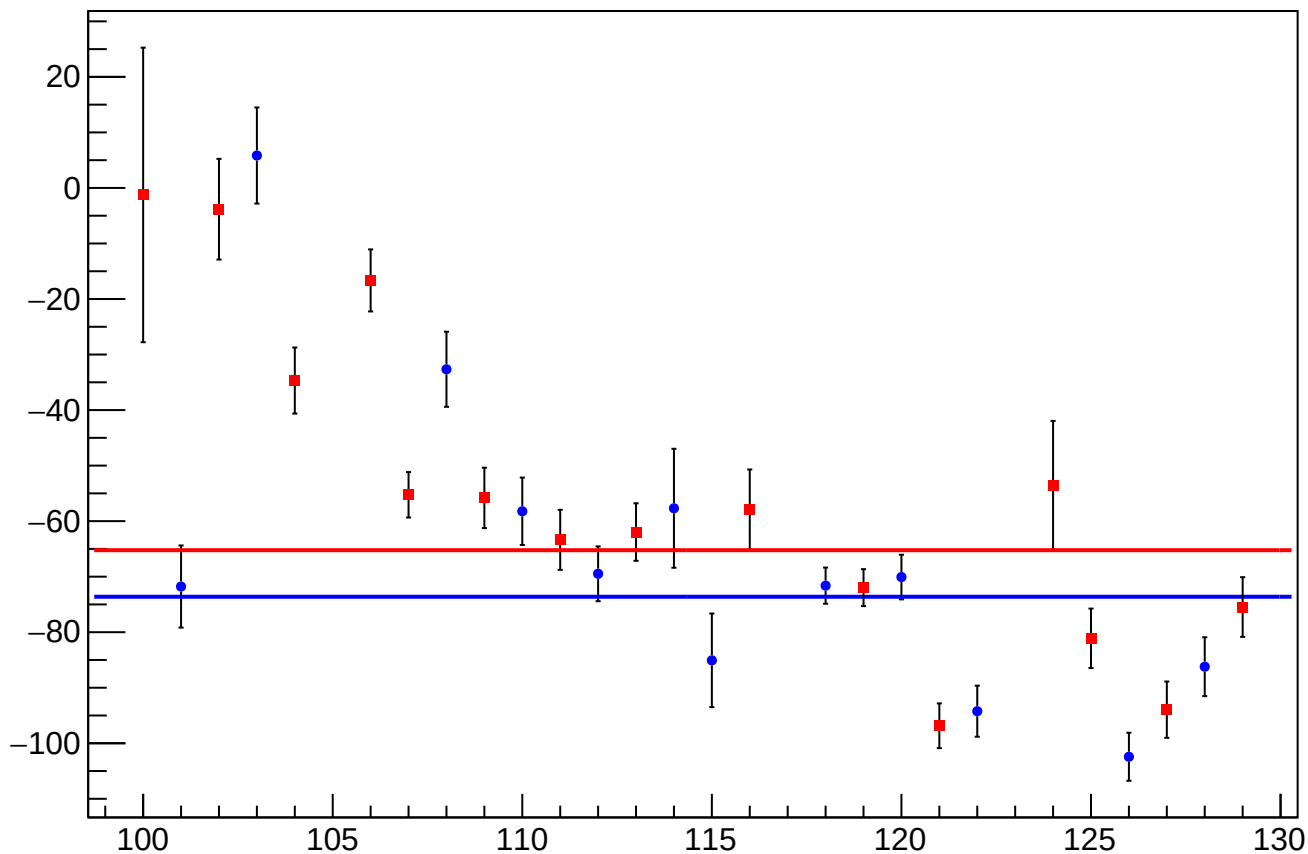
Right: -217.107+/-0.975 χ^2/NDF : 3273.8/26

In: -229.074+/-1.482 χ^2/NDF : 748.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -217.107+/-0.975 χ^2/NDF : 3273.8/26

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -73.616 ± 1.513 χ^2/NDF : 203.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

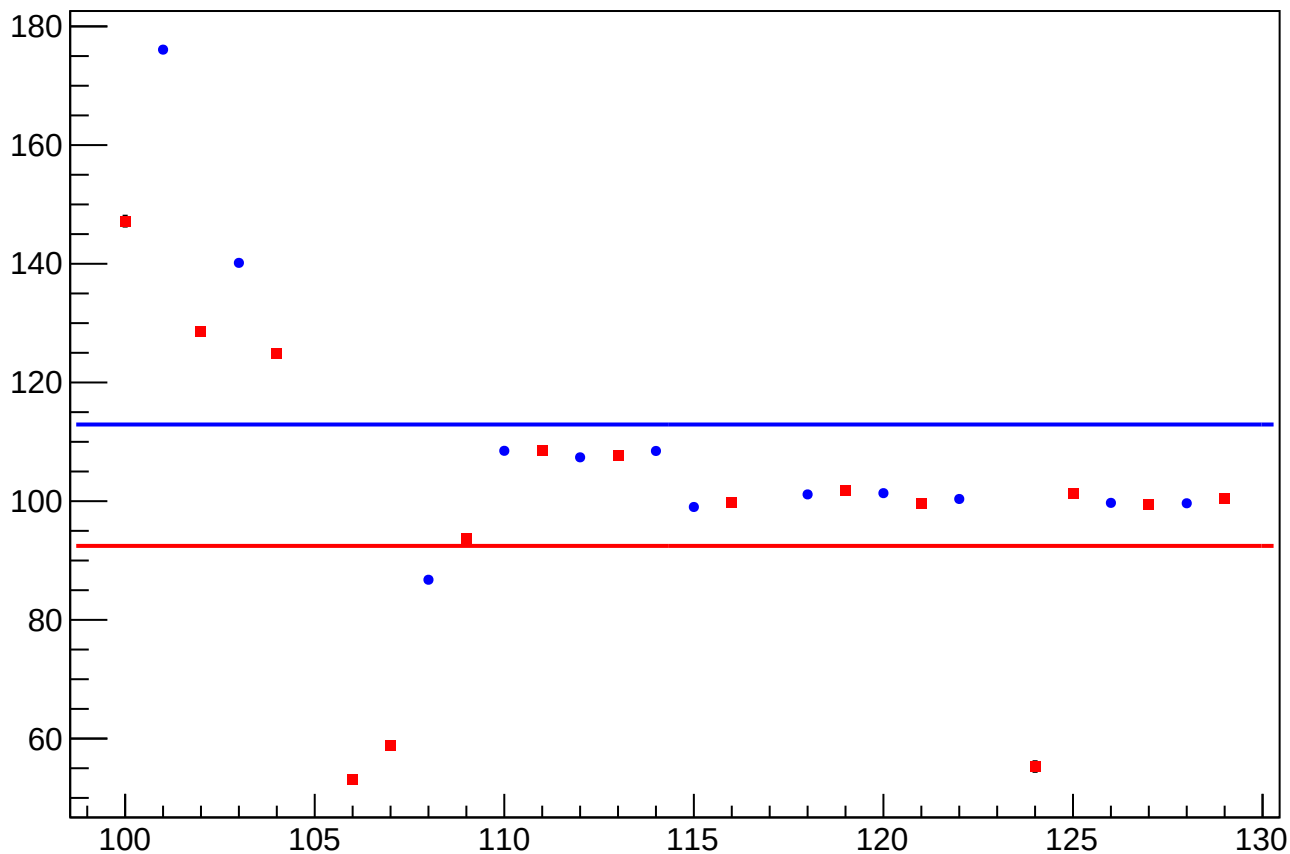
Right: -69.035 ± 1.019 χ^2/NDF : 495.8/26

In: -73.616 ± 1.513 χ^2/NDF : 203.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -69.035 ± 1.019 χ^2/NDF : 495.8/26

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 112.919+/-0.098 χ^2/NDF : 69768.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.464+/-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

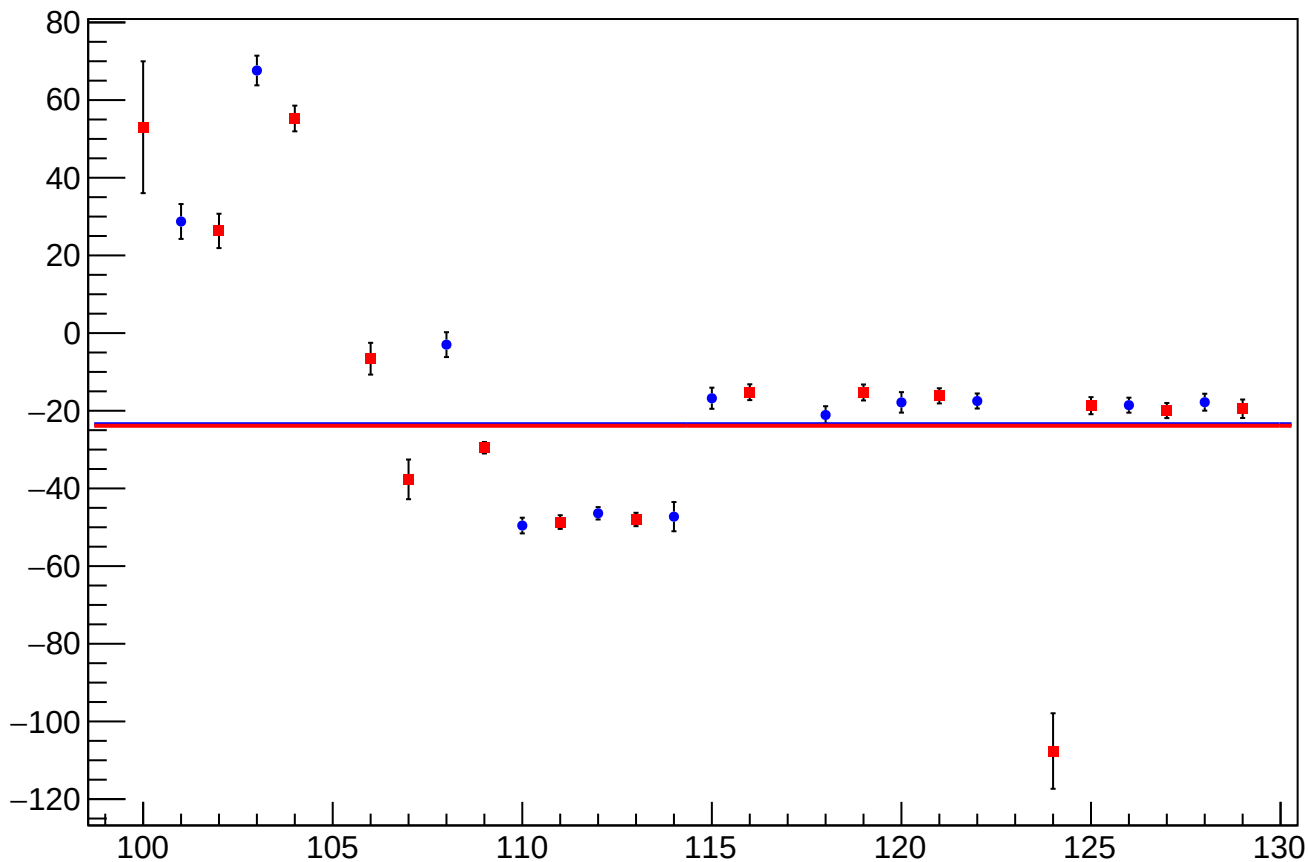
Right: 100.627+/-0.062 χ^2/NDF : 219096.7/26

In: 112.919+/-0.098 χ^2/NDF : 69768.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.627+/-0.062 χ^2/NDF : 219096.7/26

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -23.462 $\pm$ 0.683 χ^2 /NDF: 1192.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -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

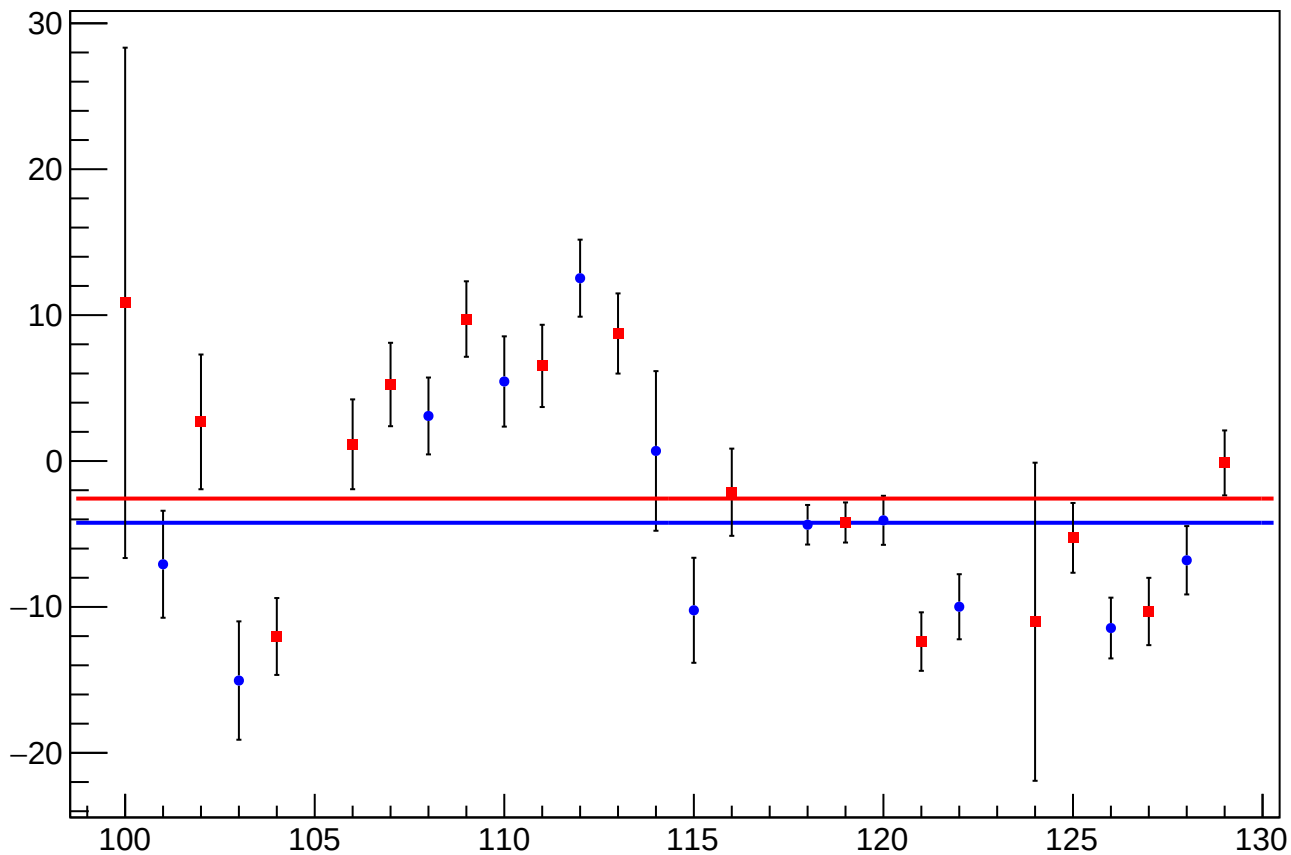
Right: -23.689 $\pm$ 0.452 χ^2 /NDF: 2485.8/26

In: -23.462 $\pm$ 0.683 χ^2 /NDF:1192.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -23.689 $\pm$ 0.452 χ^2 /NDF: 2485.8/26

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.231 ± 0.682 χ^2/NDF : 89.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.573 ± 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

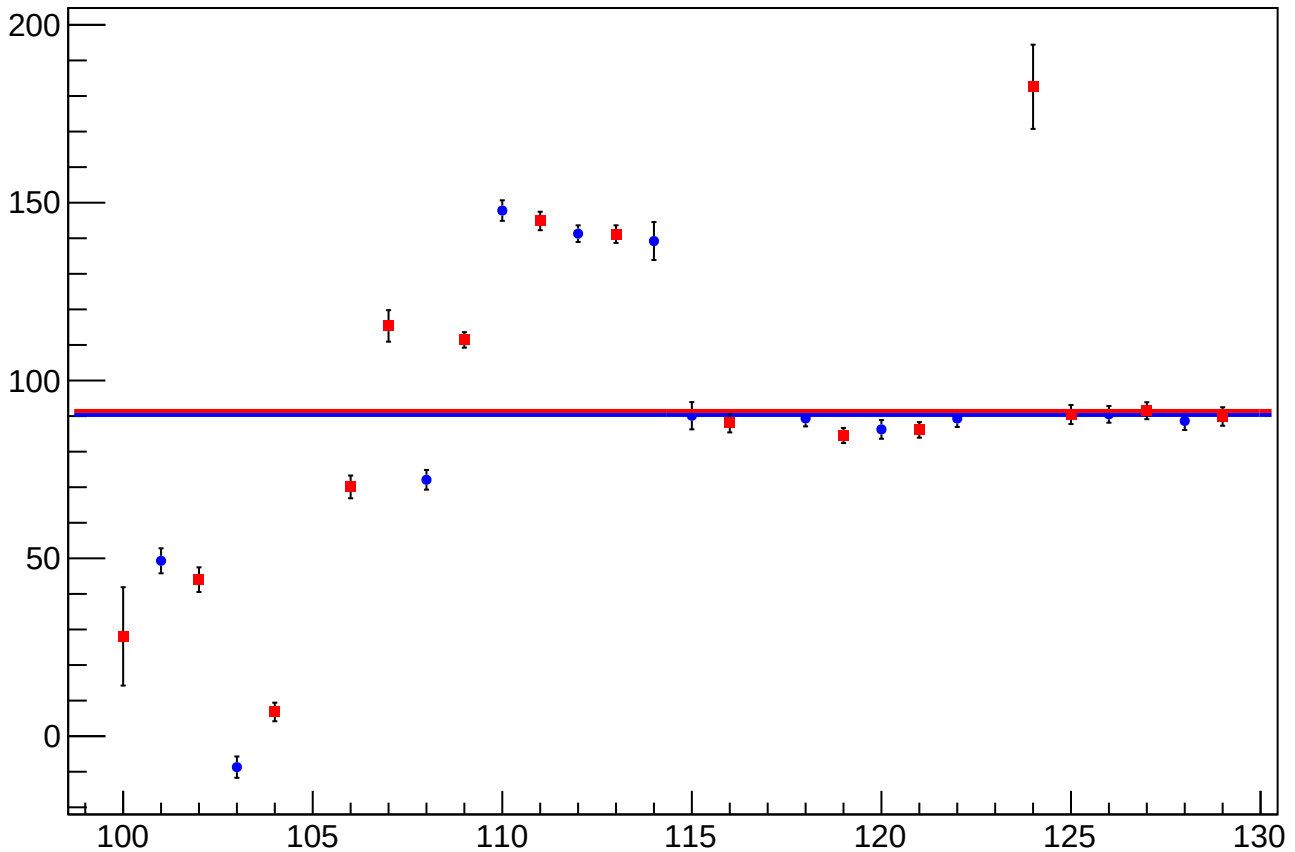
Right: -3.375 ± 0.474 χ^2/NDF : 205.4/26

In: -4.231 ± 0.682 χ^2/NDF : 89.0/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.375 ± 0.474 χ^2/NDF : 205.4/26

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 90.326+/-0.794 χ^2/NDF : 2230.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.444+/-0.720 χ^2/NDF : 2325.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

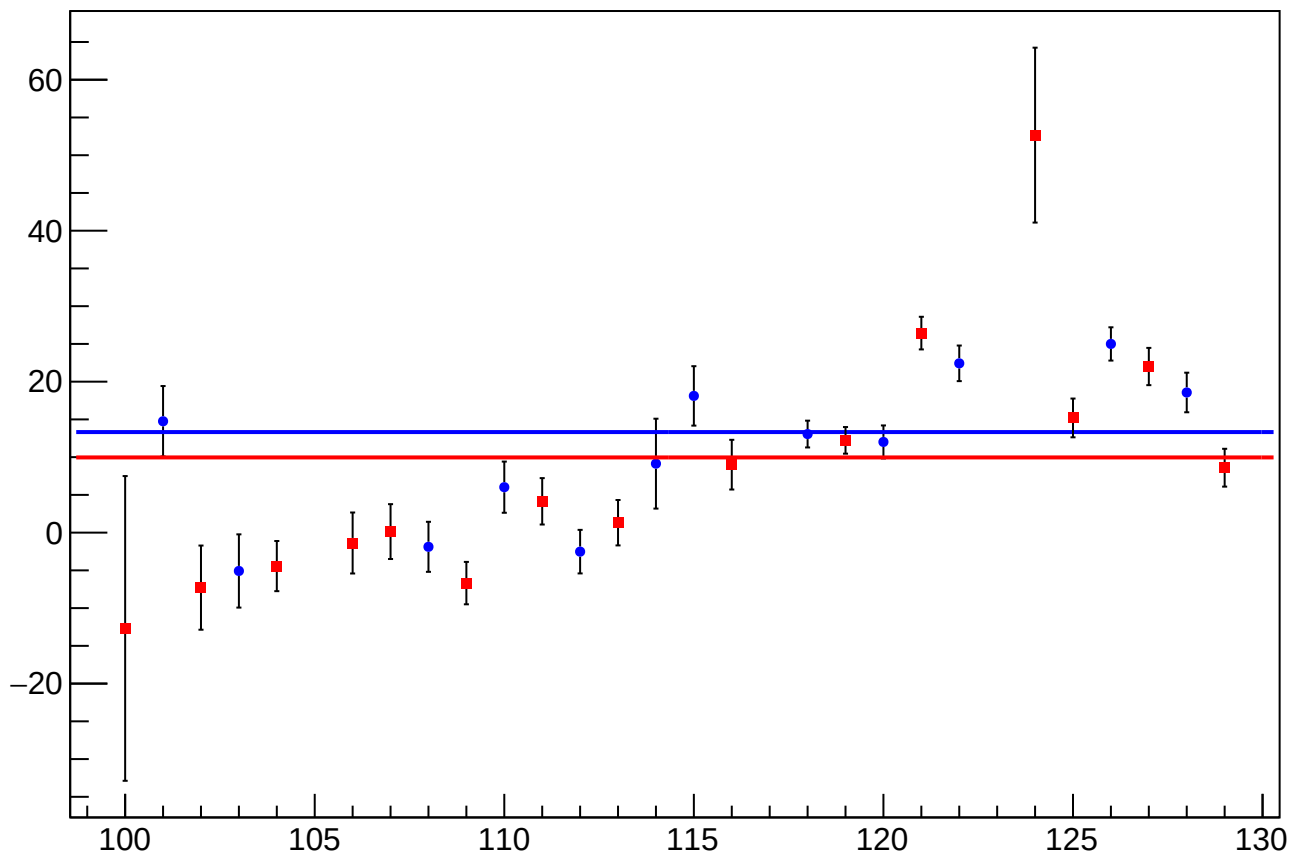
Right: 90.940+/-0.534 χ^2/NDF : 4556.2/26

In: 90.326+/-0.794 χ^2/NDF : 2230.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.940+/-0.534 χ^2/NDF : 4556.2/26

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.322+/-0.807 χ^2/NDF : 119.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.963+/-0.764 χ^2/NDF : 193.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

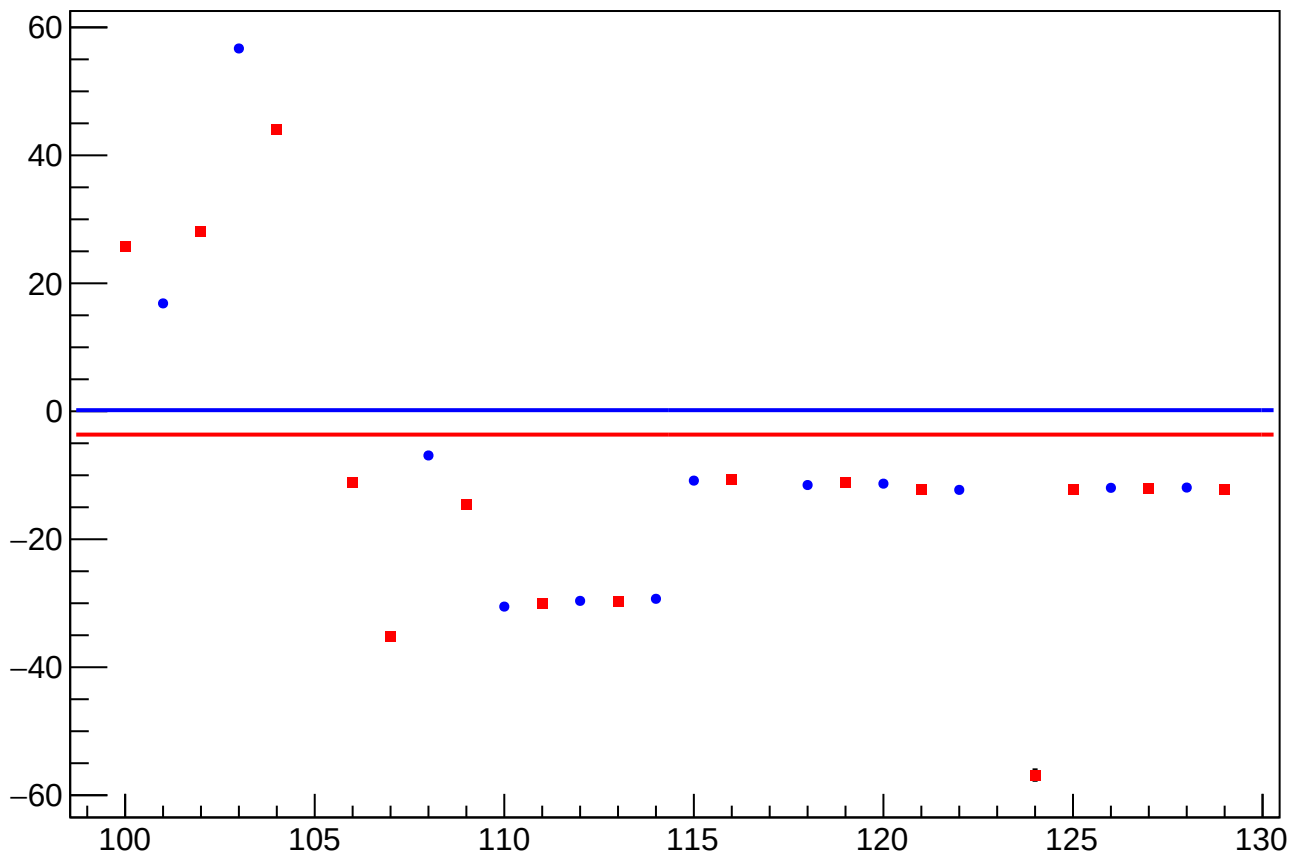
Right: 11.550+/-0.555 χ^2/NDF : 322.2/26

In: 13.322+/-0.807 χ^2/NDF : 119.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.550+/-0.555 χ^2/NDF : 322.2/26

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.174+/-0.052 χ^2/NDF : 281765.3/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.643+/-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

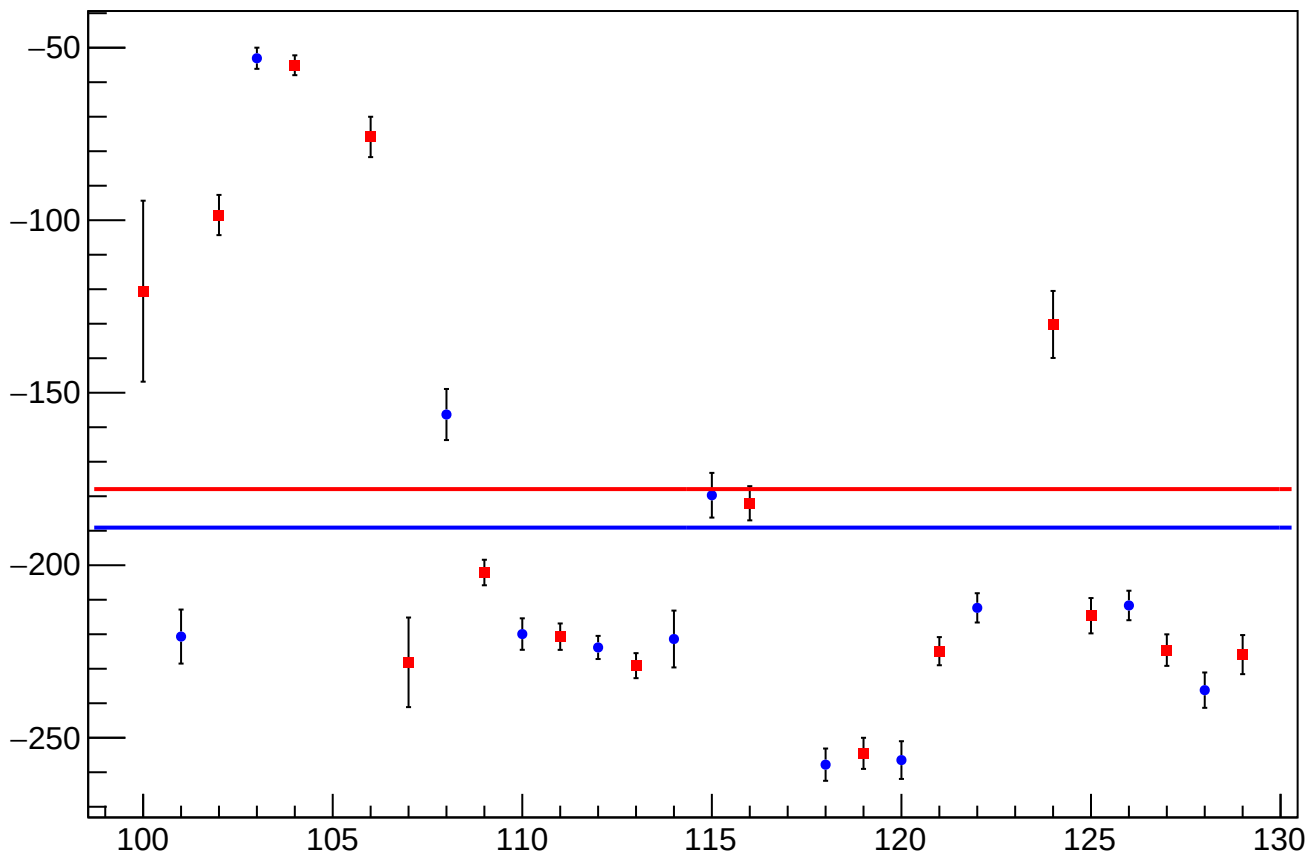
Right: -1.888+/-0.035 χ^2/NDF : 561952.4/26

In: 0.174+/-0.052 χ^2/NDF :281765.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.888+/-0.035 χ^2/NDF : 561952.4/26

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -189.091+/-1.356 χ^2 /NDF: 2683.6/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -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

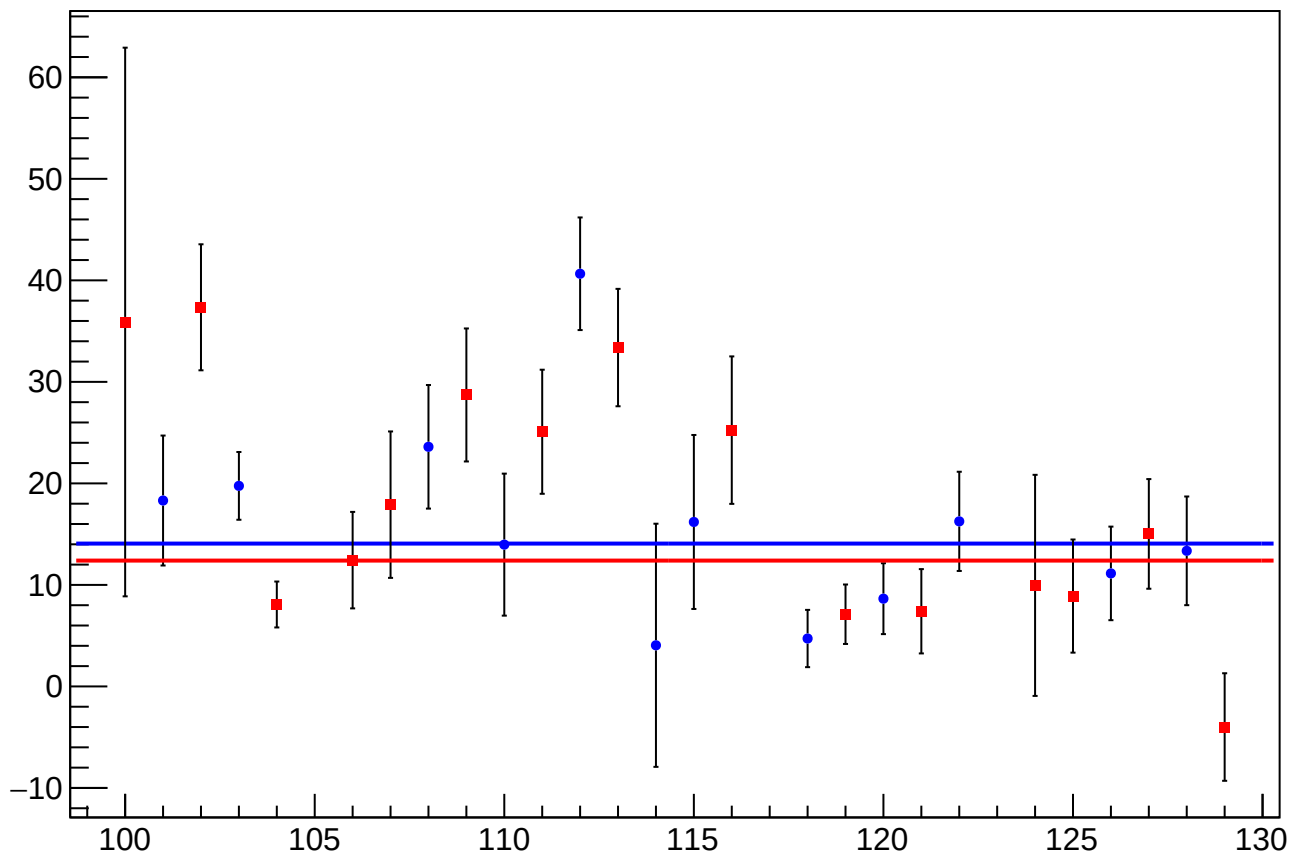
Right: -182.881+/-0.903 χ^2 /NDF: 6097.1/26

In: -189.091+/-1.356 χ^2 /NDF:2683.6/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -182.881+/-0.903 χ^2 /NDF: 6097.1/26

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.071+/-1.353 χ^2/NDF : 43.6/11

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

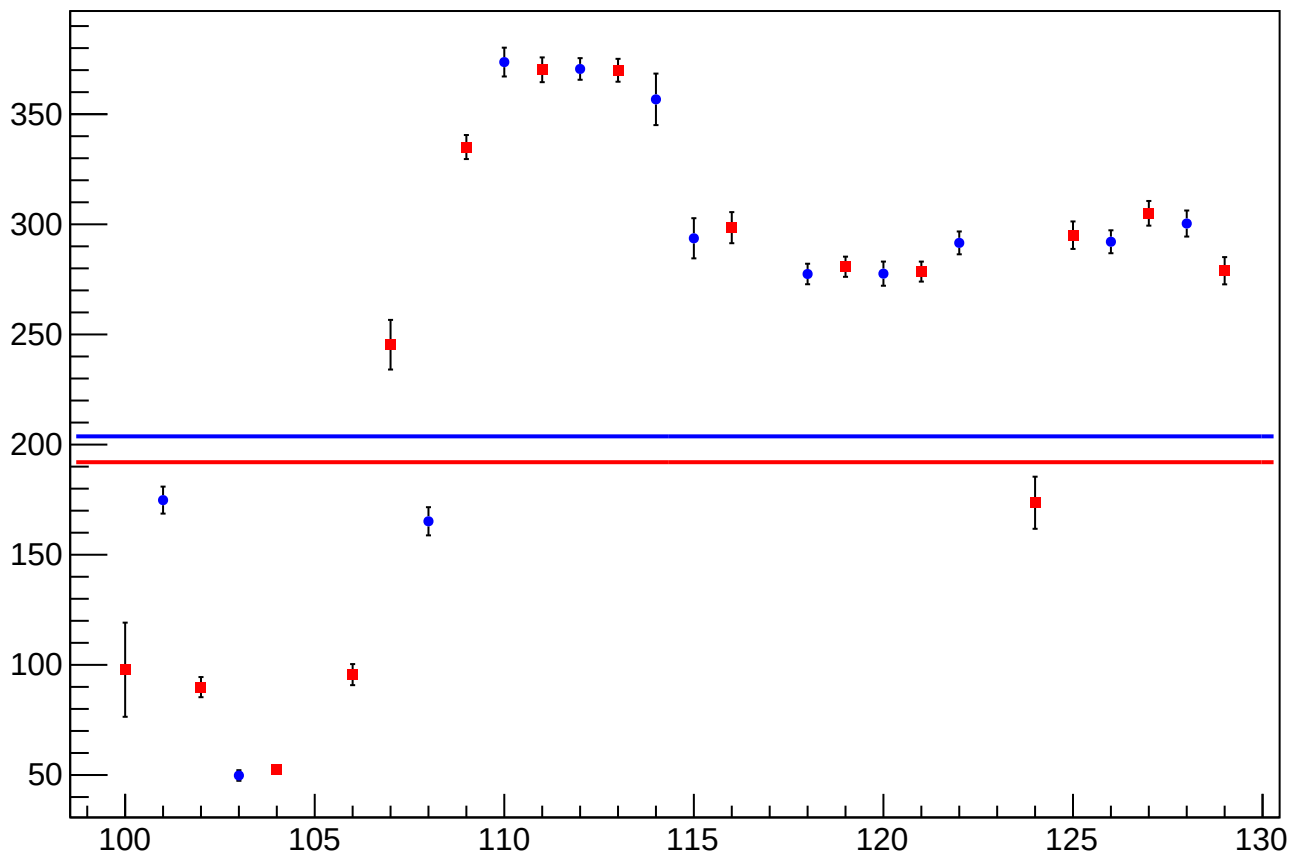
Right: 13.148+/-0.907 χ^2/NDF : 107.3/26

In: 14.071+/-1.353 χ^2/NDF : 43.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.148+/-0.907 χ^2/NDF : 107.3/26

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 203.738+/-1.429 χ^2/NDF : 7511.8/11

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

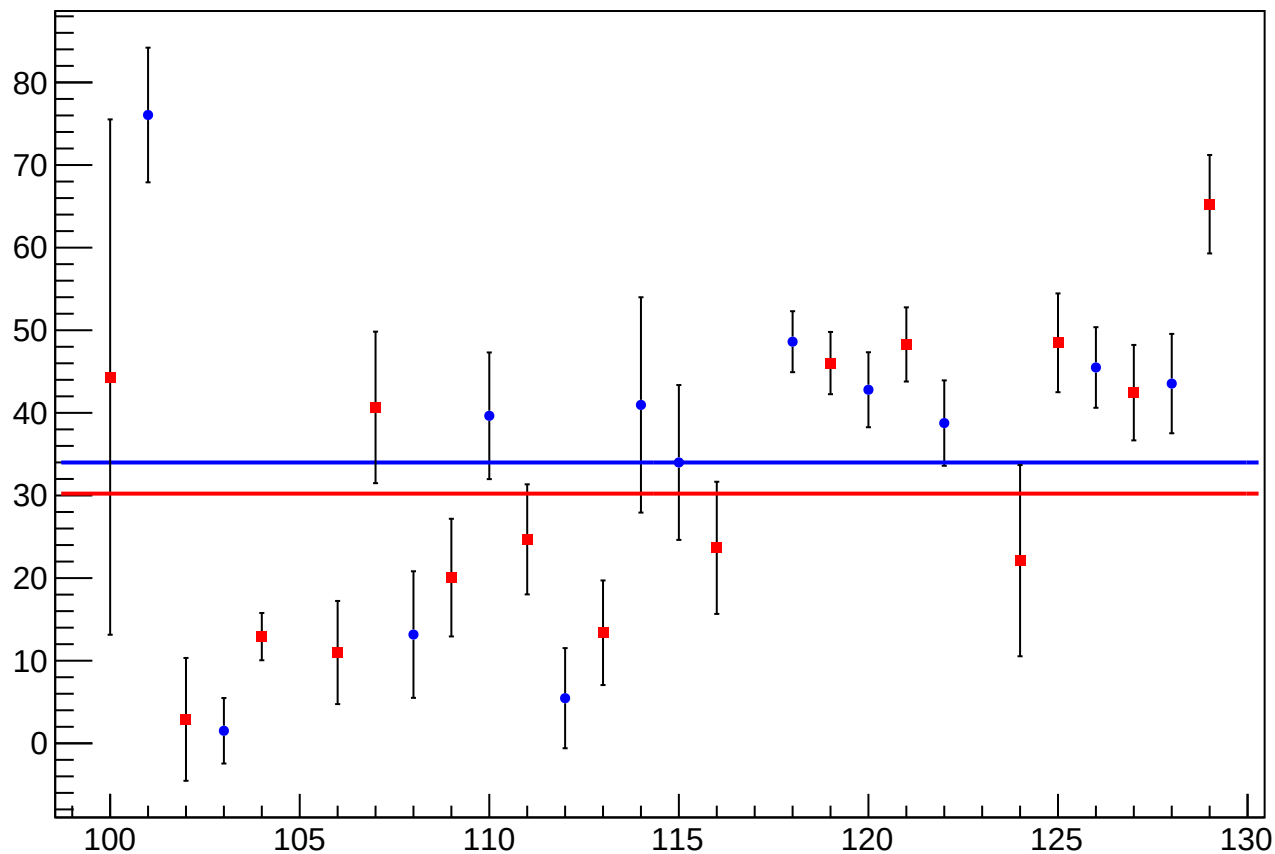
Right: 197.252+/-0.956 χ^2/NDF : 16984.9/26

In: 203.738+/-1.429 χ^2/NDF : 7511.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 197.252+/-0.956 χ^2/NDF : 16984.9/26

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 33.994+/-1.609 χ^2/NDF : 152.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.226+/-1.451 χ^2/NDF : 154.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

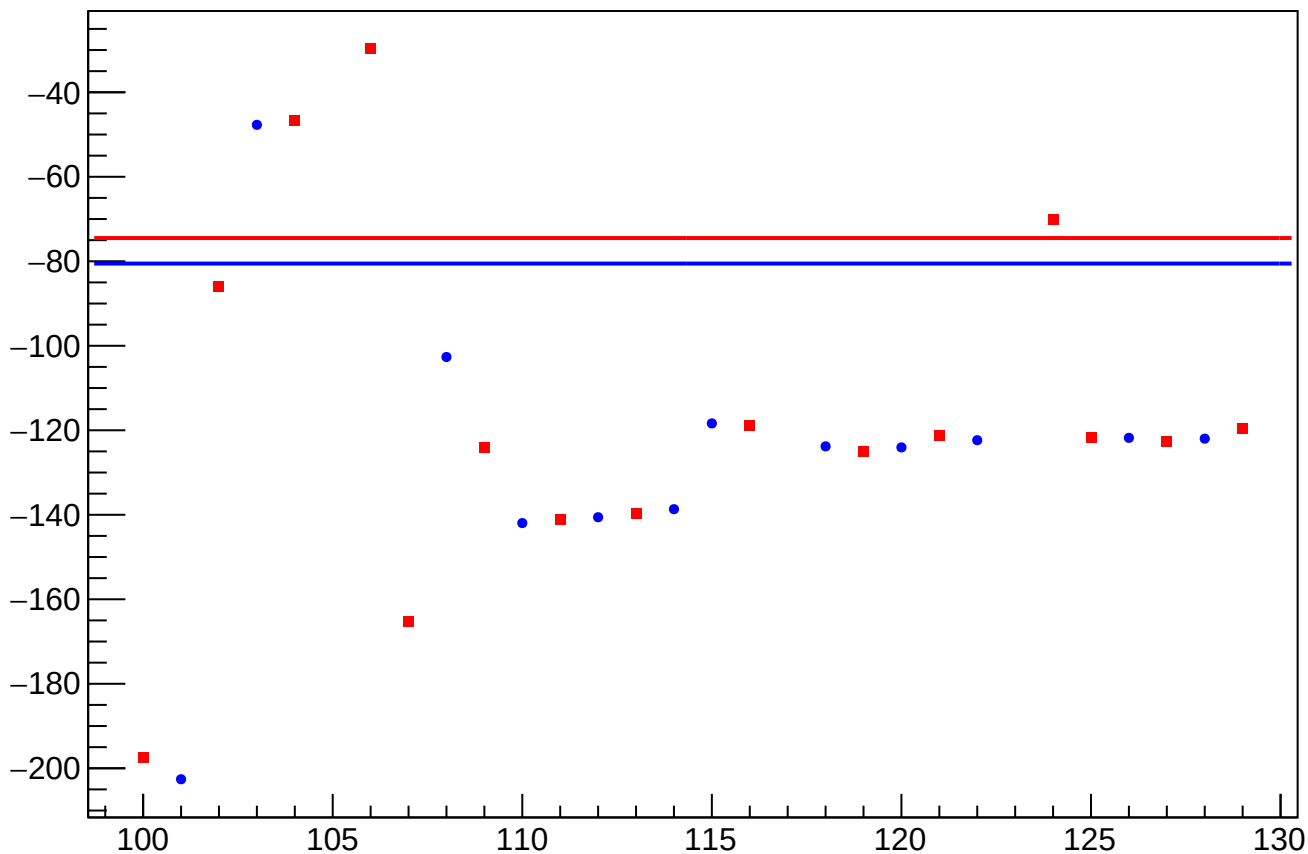
Right: 31.915+/-1.077 χ^2/NDF : 309.8/26

In: 33.994+/-1.609 χ^2/NDF : 152.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.915+/-1.077 χ^2/NDF : 309.8/26

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -80.543+/-0.078 χ^2/NDF : 323776.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

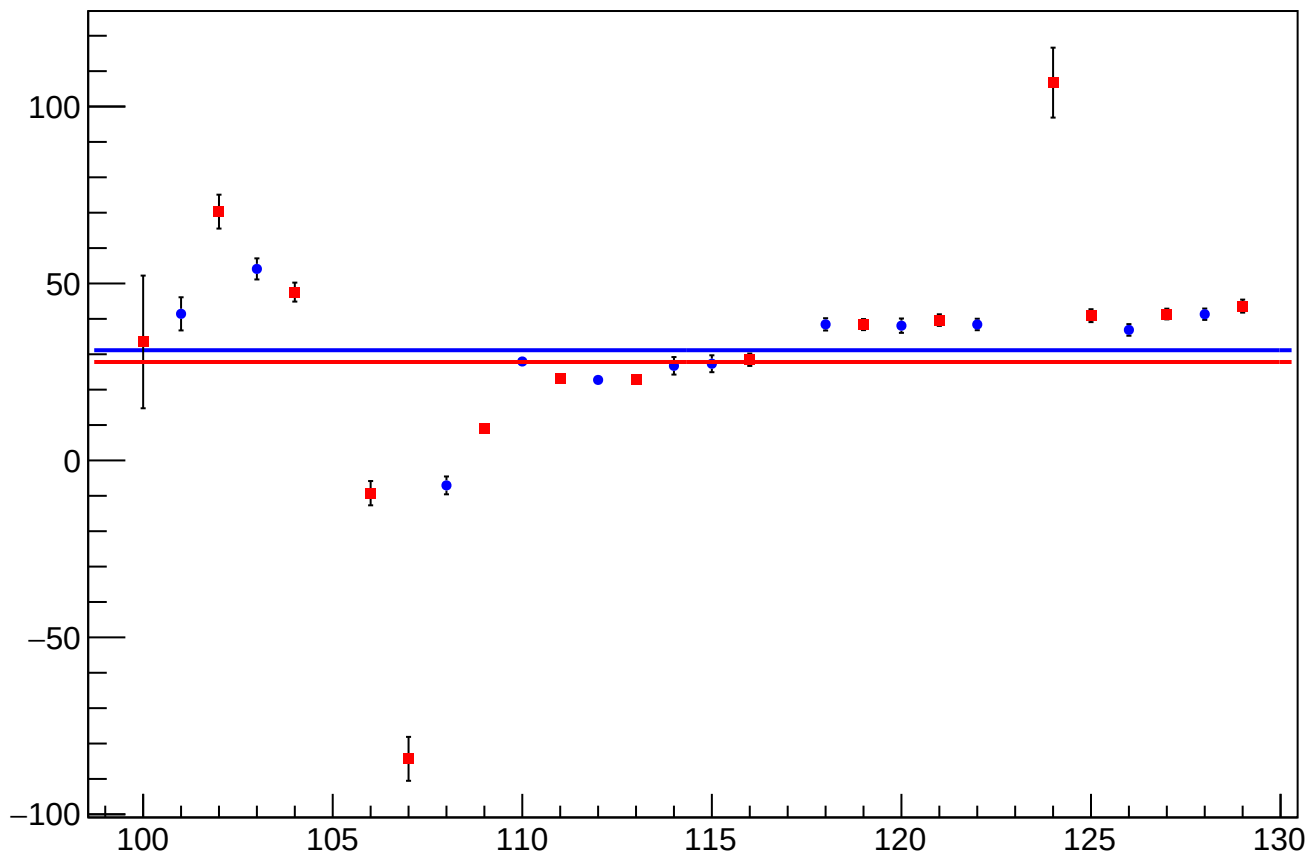
Right: -77.293+/-0.053 χ^2/NDF : 632554.5/26

In: -80.543+/-0.078 χ^2/NDF :323776.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -77.293+/-0.053 χ^2/NDF : 632554.5/26

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 31.140 $\pm$ 0.516 χ^2 /NDF: 464.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 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

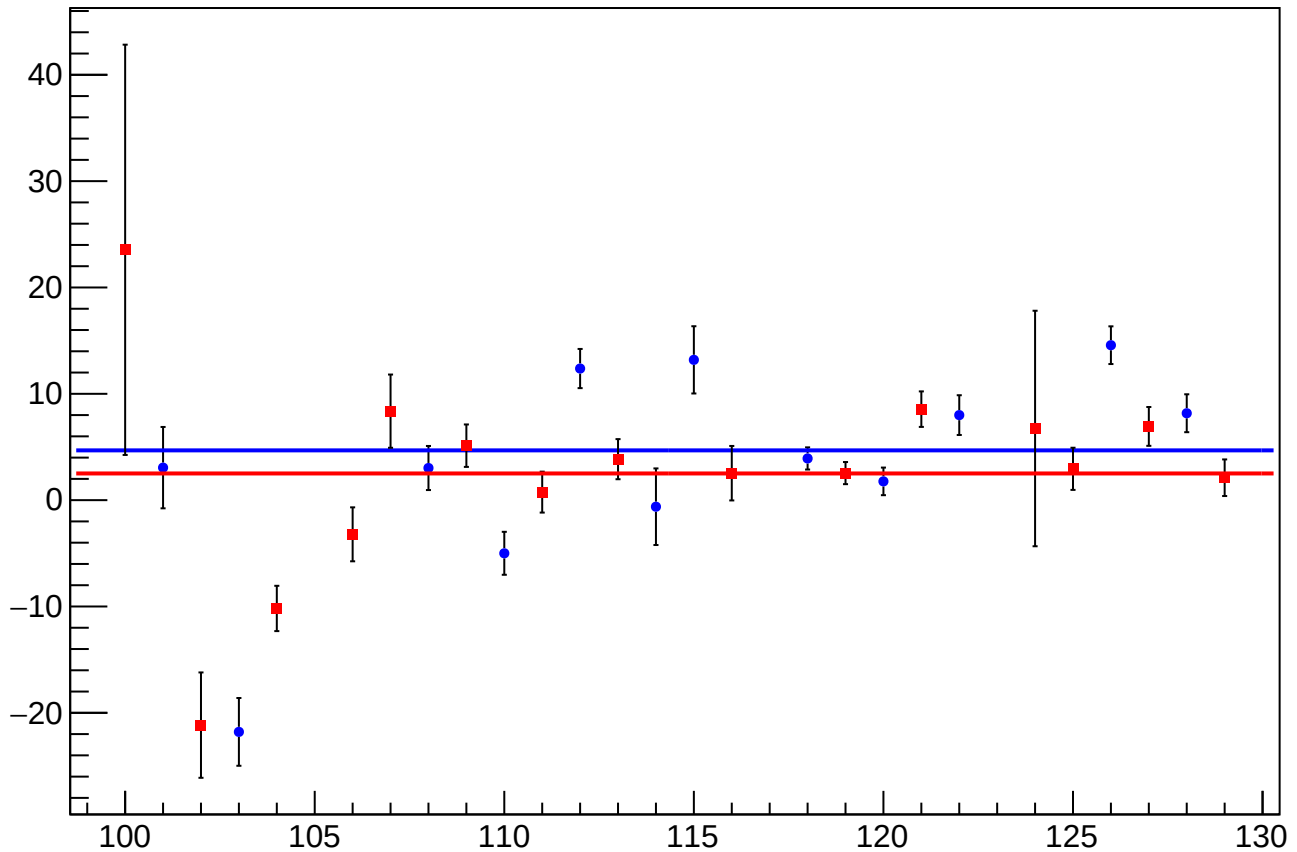
Right: 29.288 $\pm$ 0.344 χ^2 /NDF: 1767.6/26

In: 31.140 $\pm$ 0.516 χ^2 /NDF:464.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 29.288 $\pm$ 0.344 χ^2 /NDF: 1767.6/26

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.681+/-0.531 χ^2/NDF : 163.4/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2.510+/-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

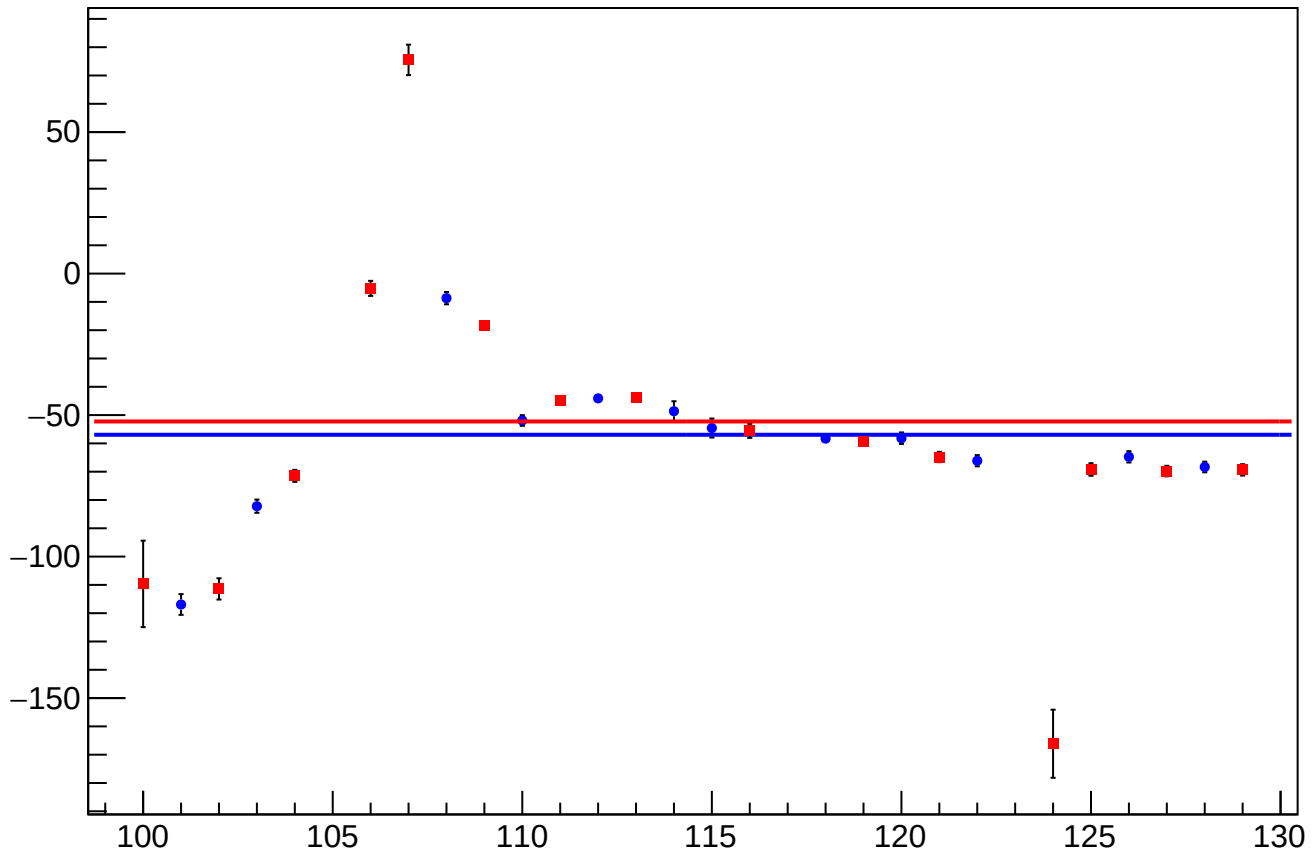
Right: 3.582+/-0.373 χ^2/NDF : 261.7/26

In: 4.681+/-0.531 χ^2/NDF :163.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3.582+/-0.373 χ^2/NDF : 261.7/26

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.951 ± 0.613 χ^2/NDF : 1025.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -52.253 ± 0.566 χ^2/NDF : 2086.9/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

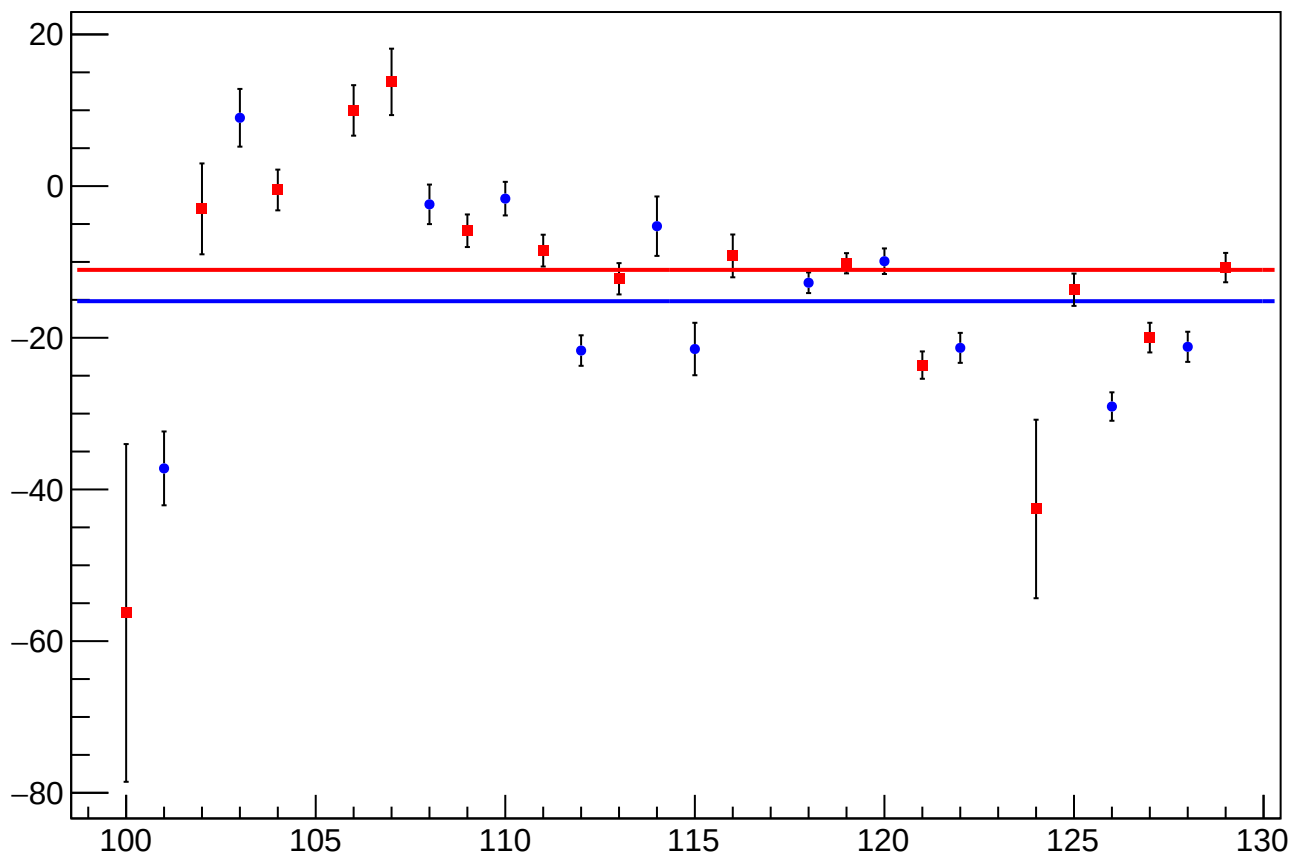
Right: -54.413 ± 0.416 χ^2/NDF : 3143.9/26

In: -56.951 ± 0.613 χ^2/NDF : 1025.4/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -54.413 ± 0.416 χ^2/NDF : 3143.9/26

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -15.175 ± 0.627 χ^2/NDF : 229.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -11.046 ± 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

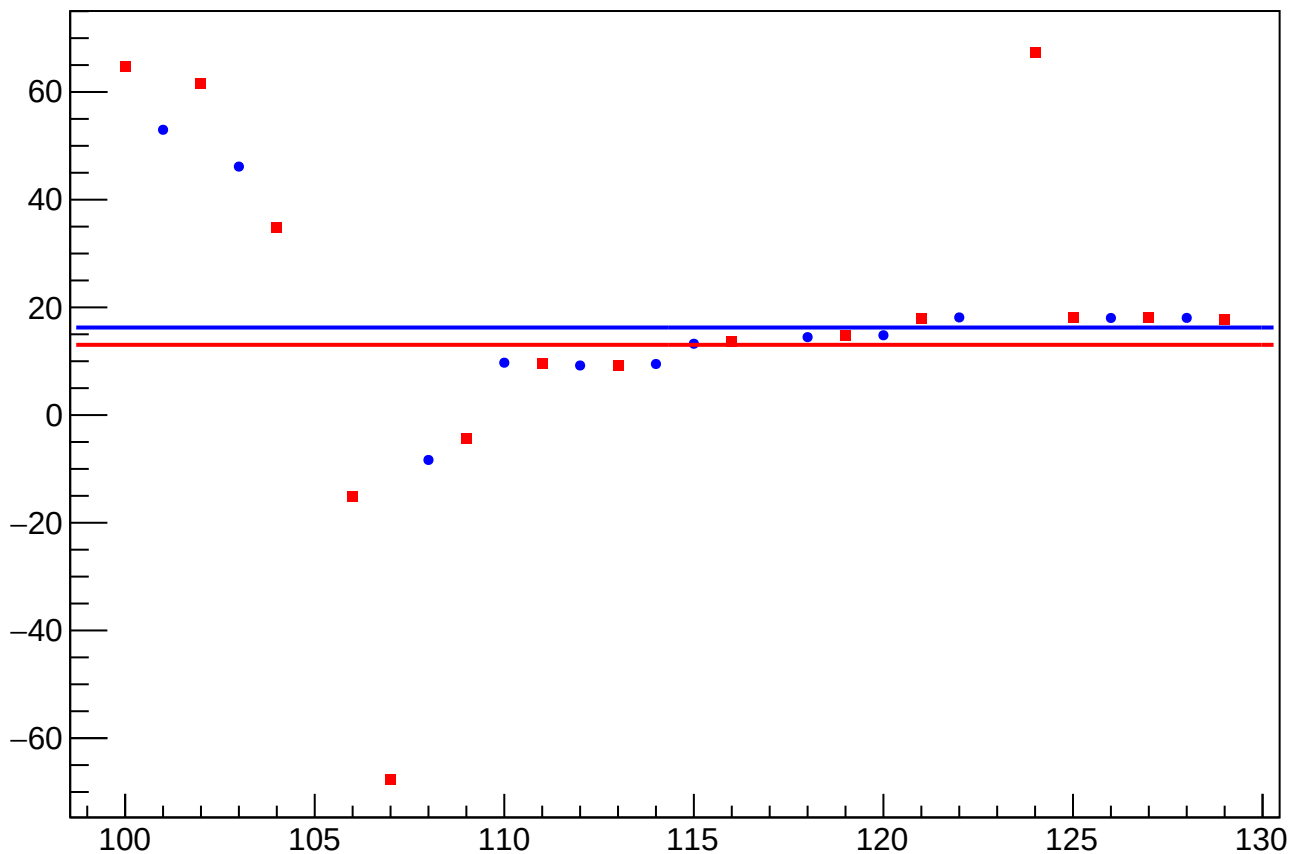
Right: -13.033 ± 0.435 χ^2/NDF : 431.2/26

In: -15.175 ± 0.627 χ^2/NDF : 229.0/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.033 ± 0.435 χ^2/NDF : 431.2/26

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 16.260 $\pm$ 0.041 χ^2 /NDF: 204757.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 13.044 $\pm$ 0.039 χ^2 /NDF: 351904.2/14

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

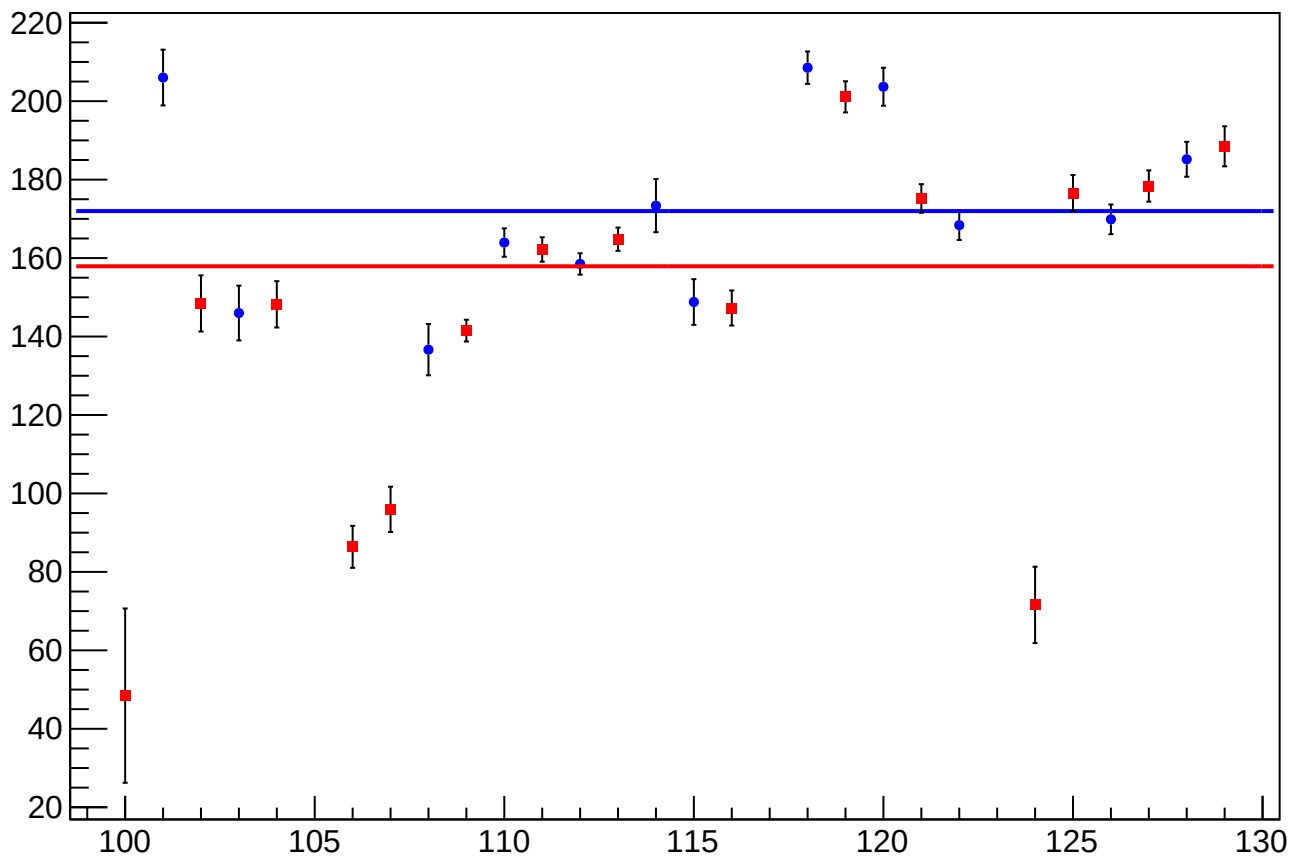
Right: 14.598 $\pm$ 0.028 χ^2 /NDF: 559891.9/26

In: 16.260 $\pm$ 0.041 χ^2 /NDF:204757.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 14.598 $\pm$ 0.028 χ^2 /NDF: 559891.9/26

reg_asym_at1_avg_at2_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 171.985+/-1.273 χ^2/NDF : 242.3/11

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

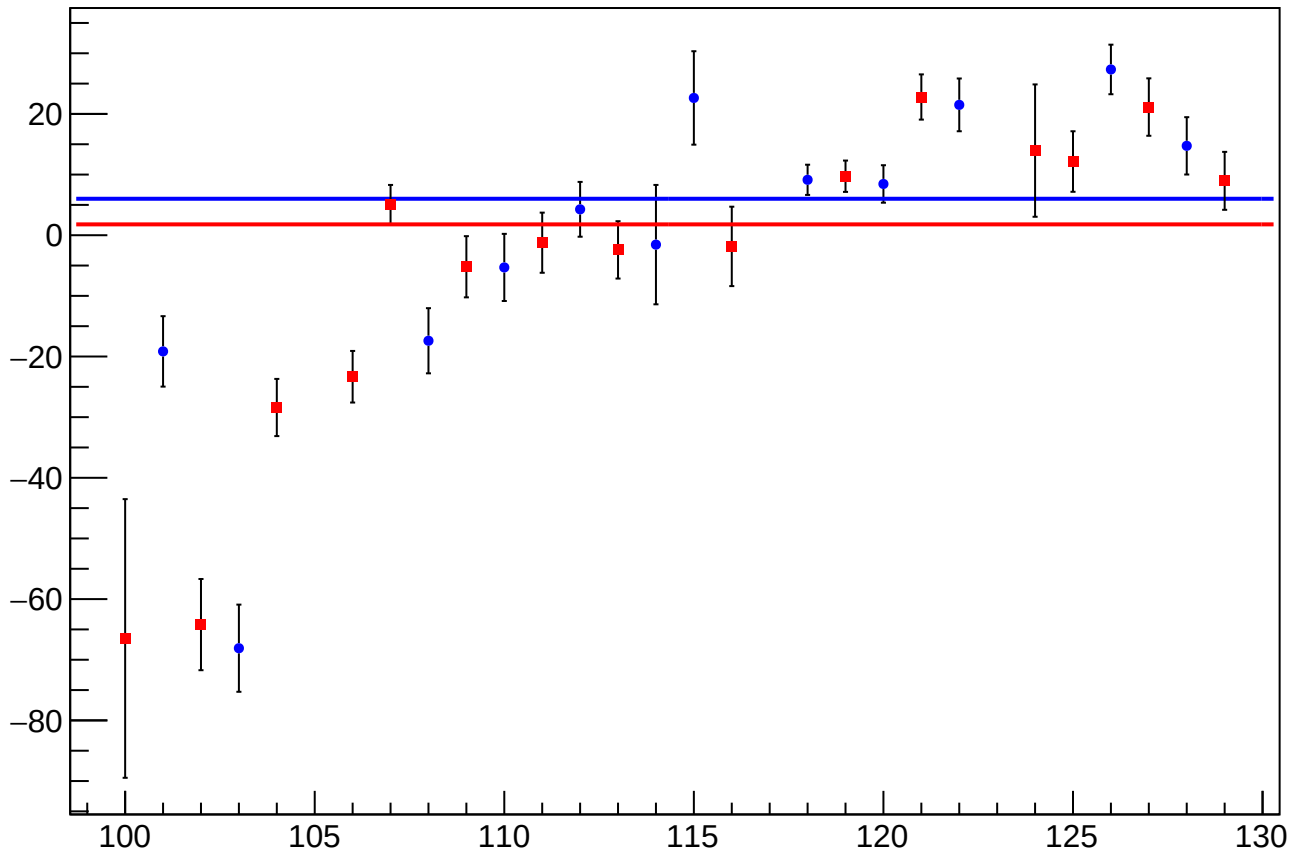
Right: 163.995+/-0.837 χ^2/NDF : 980.5/26

In: 171.985+/-1.273 χ^2/NDF : 242.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.995+/-0.837 χ^2/NDF : 980.5/26

reg_asym_at1_avg_at2_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.011+/-1.274 χ^2/NDF : 199.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.788+/-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

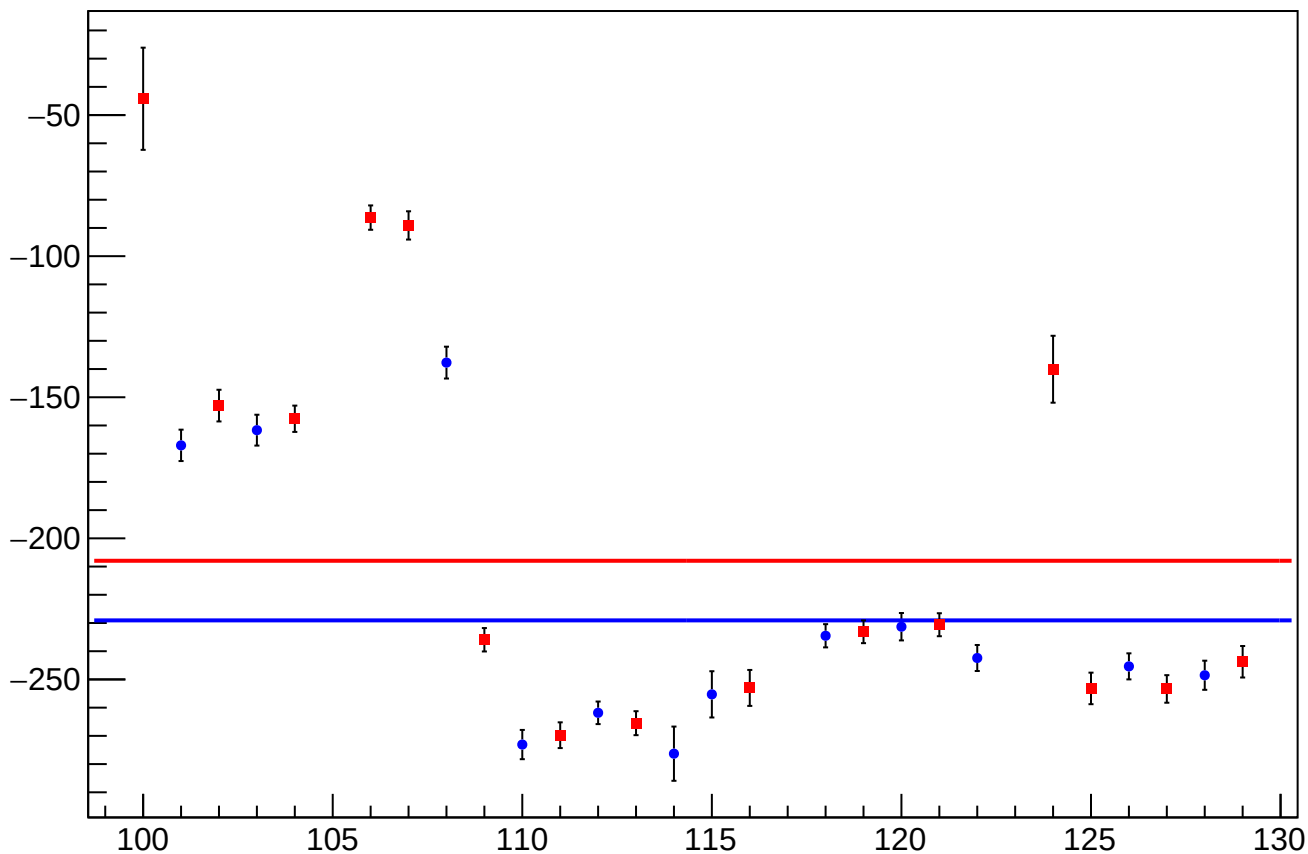
Right: 3.730+/-0.864 χ^2/NDF : 437.0/26

In: 6.011+/-1.274 χ^2/NDF : 199.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.730+/-0.864 χ^2/NDF : 437.0/26

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -229.074+/-1.482 χ^2 /NDF: 748.8/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -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

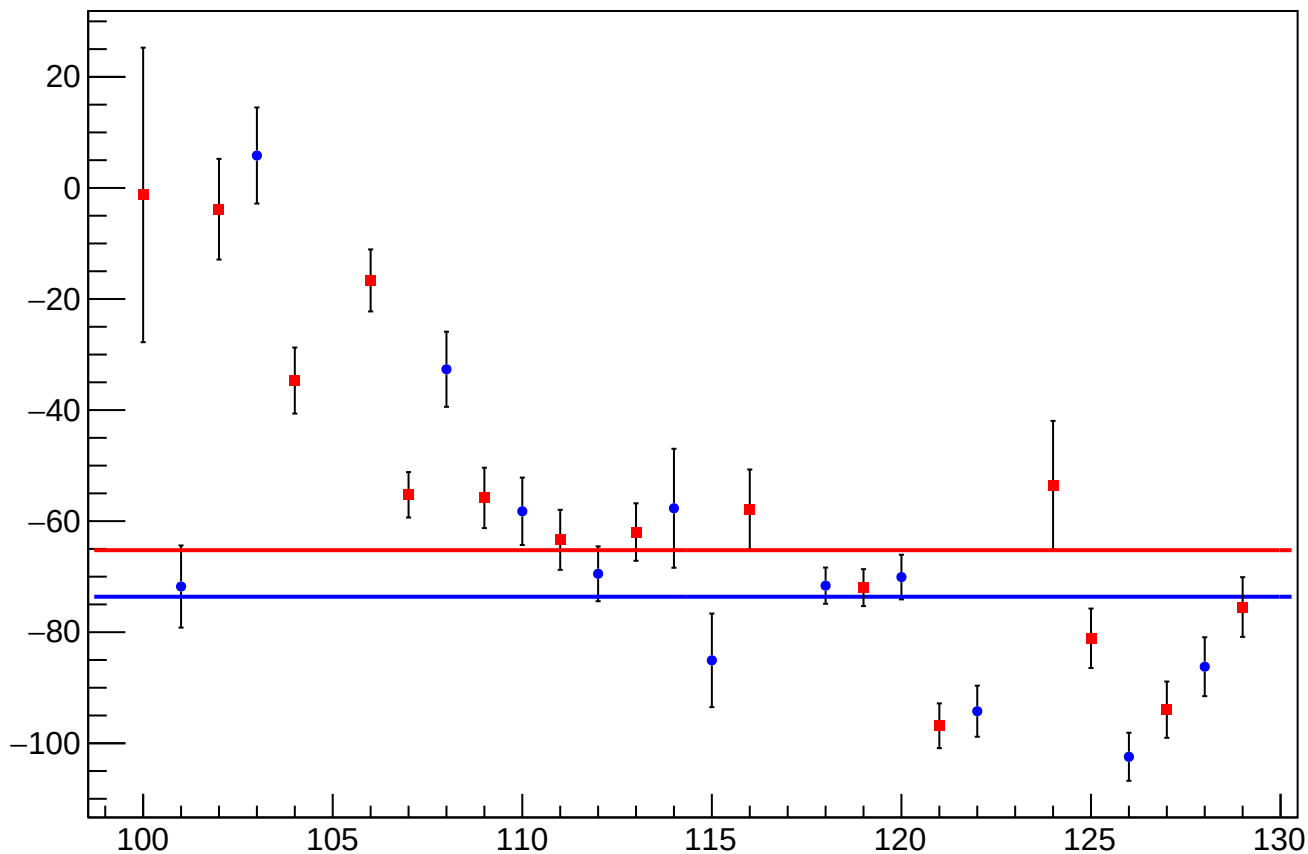
Right: -217.107+/-0.975 χ^2 /NDF: 3273.8/26

In: -229.074+/-1.482 χ^2 /NDF:748.8/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -217.107+/-0.975 χ^2 /NDF: 3273.8/26

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -73.616 $\pm$ 1.513 χ^2 /NDF: 203.6/11

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

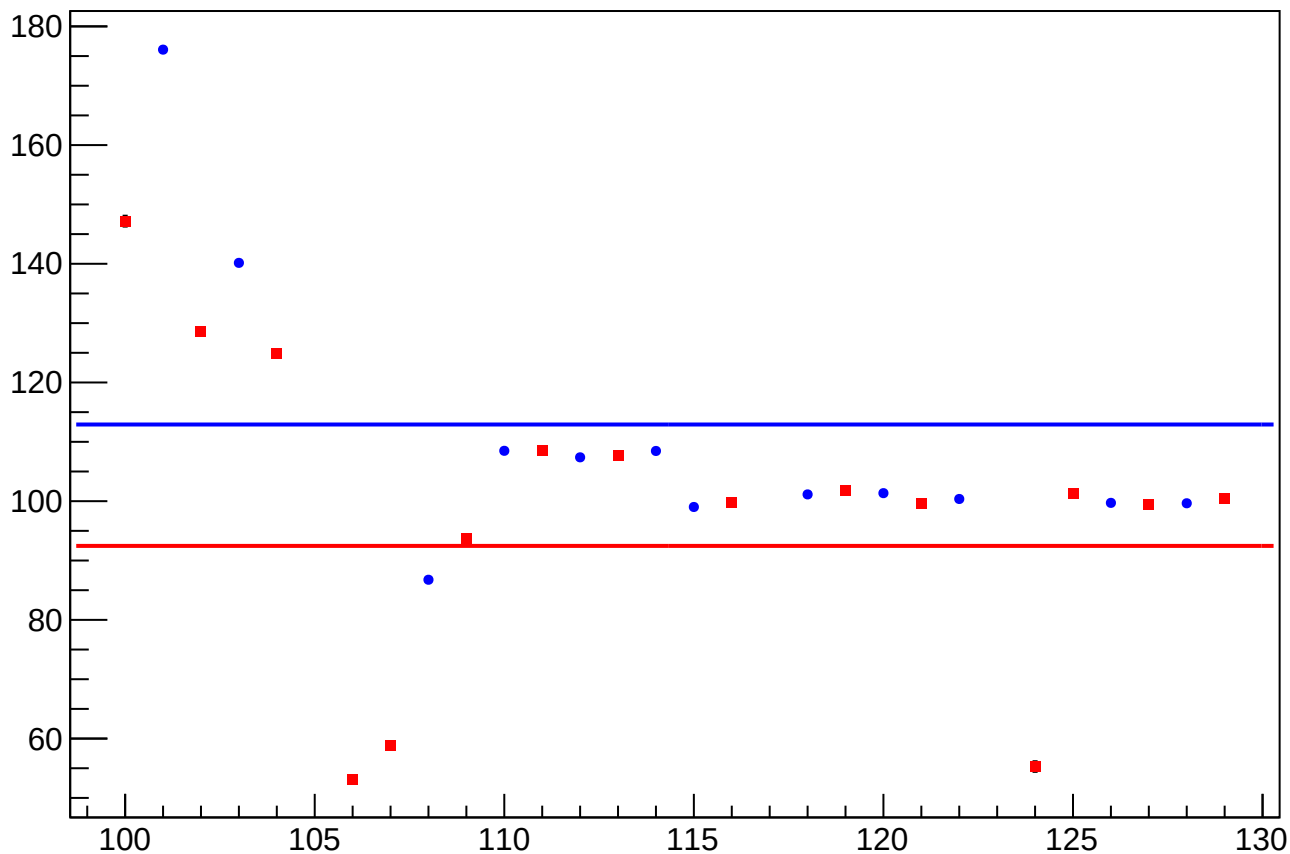
Right: -69.035 $\pm$ 1.019 χ^2 /NDF: 495.8/26

In: -73.616 $\pm$ 1.513 χ^2 /NDF:203.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -69.035 $\pm$ 1.019 χ^2 /NDF: 495.8/26

reg_asym_at1_avg_at2_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 112.919+/-0.098 χ^2/NDF : 69768.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.464+/-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

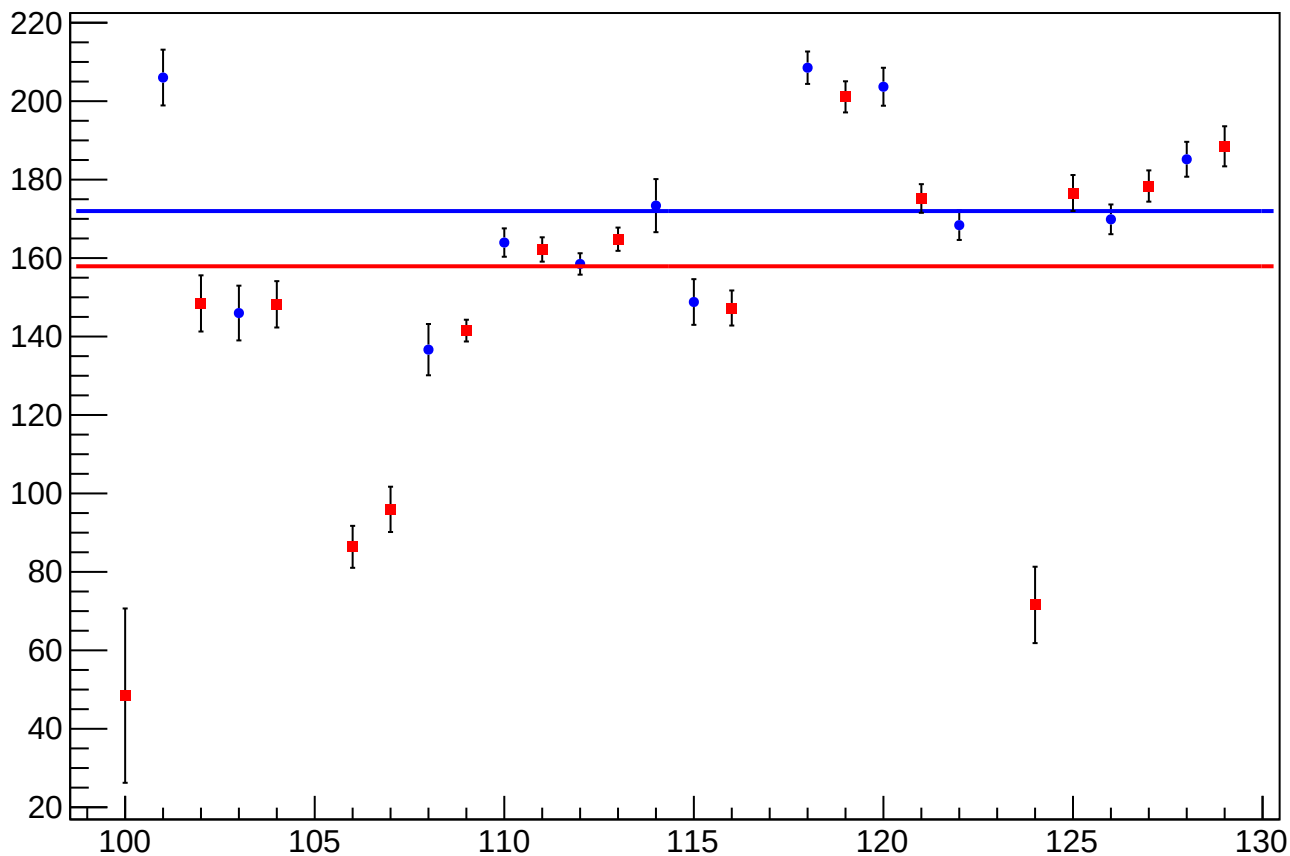
Right: 100.627+/-0.062 χ^2/NDF : 219096.7/26

In: 112.919+/-0.098 χ^2/NDF : 69768.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.627+/-0.062 χ^2/NDF : 219096.7/26

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 171.985+/-1.273 χ^2/NDF : 242.3/11

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

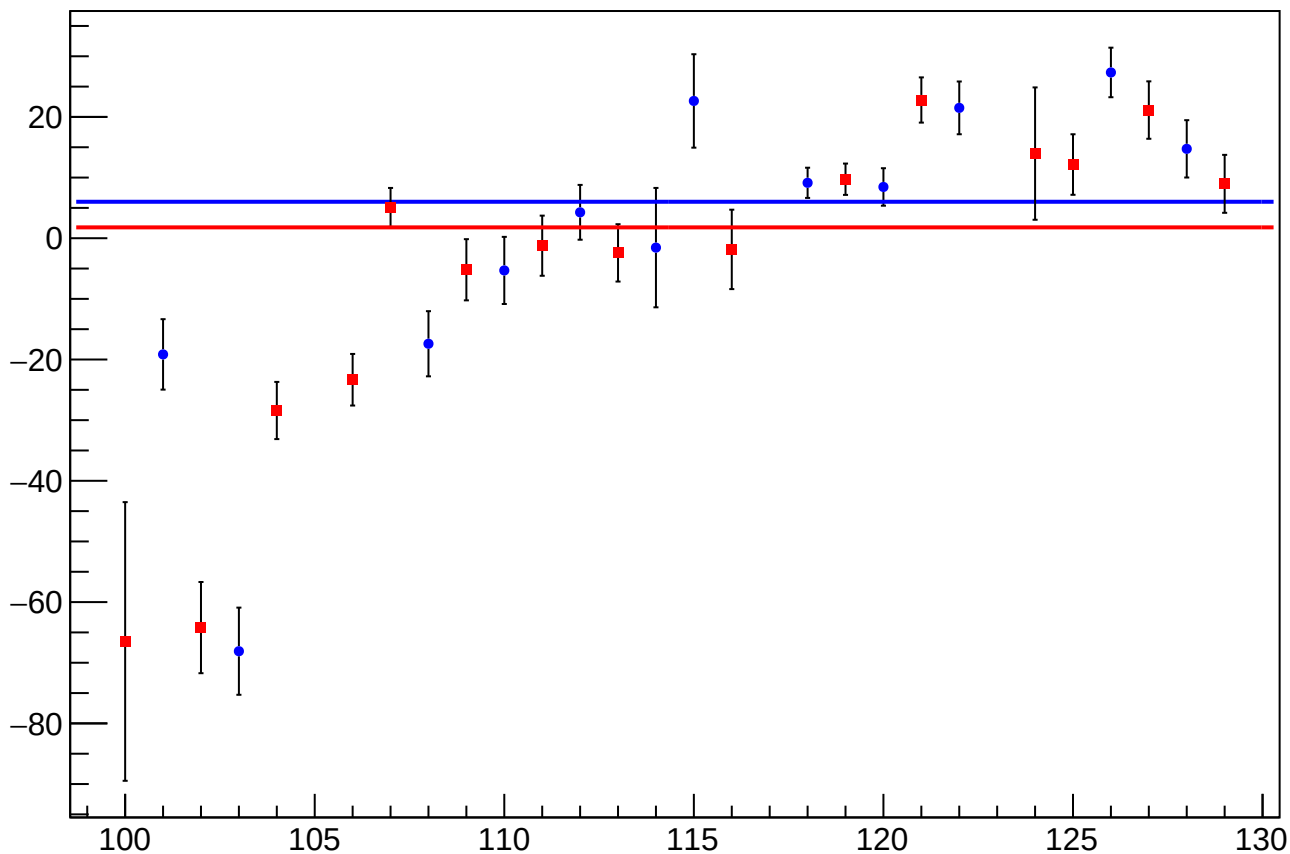
Right: 163.995+/-0.837 χ^2/NDF : 980.5/26

In: 171.985+/-1.273 χ^2/NDF : 242.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.995+/-0.837 χ^2/NDF : 980.5/26

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.011+/-1.274 χ^2/NDF : 199.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.788+/-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

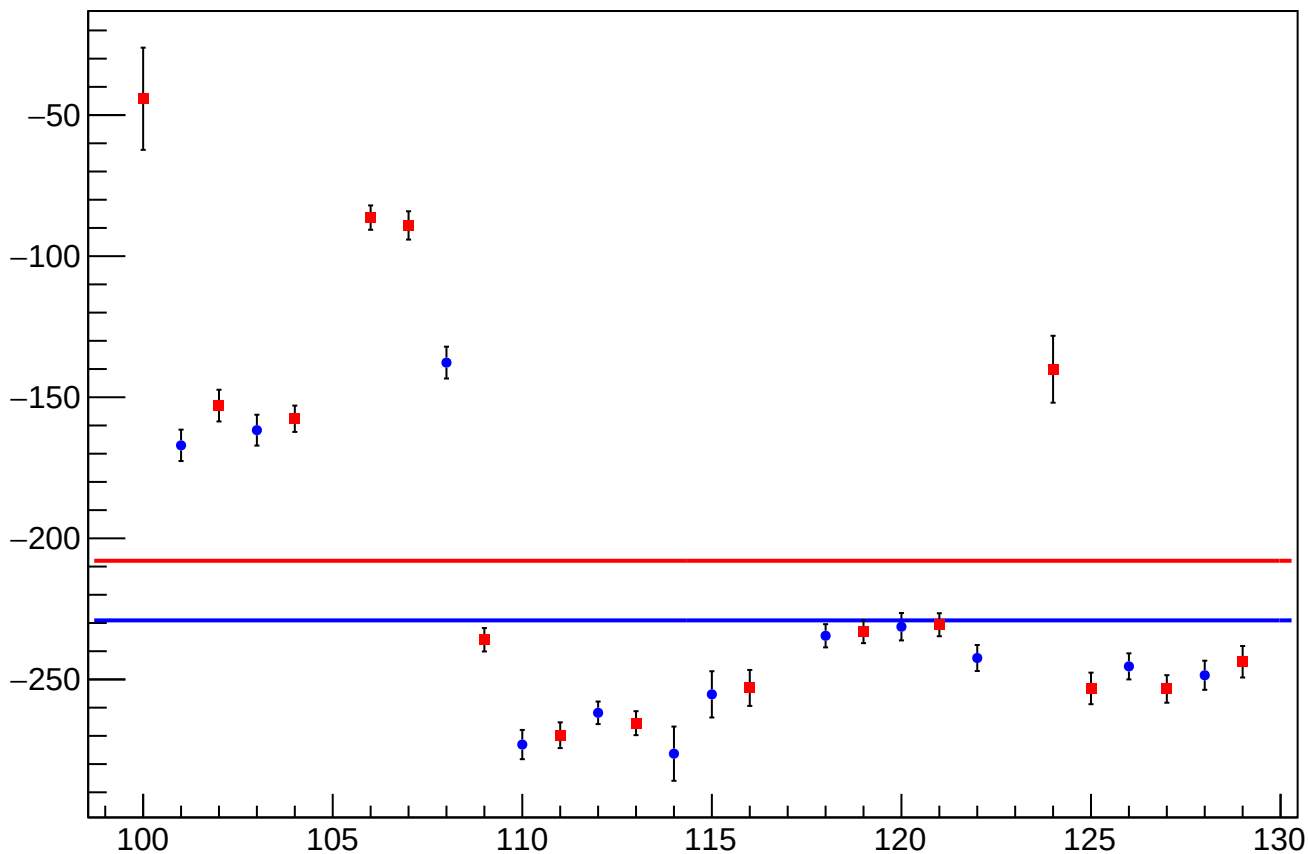
Right: 3.730+/-0.864 χ^2/NDF : 437.0/26

In: 6.011+/-1.274 χ^2/NDF : 199.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.730+/-0.864 χ^2/NDF : 437.0/26

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -229.074+/-1.482 χ^2 /NDF: 748.8/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -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

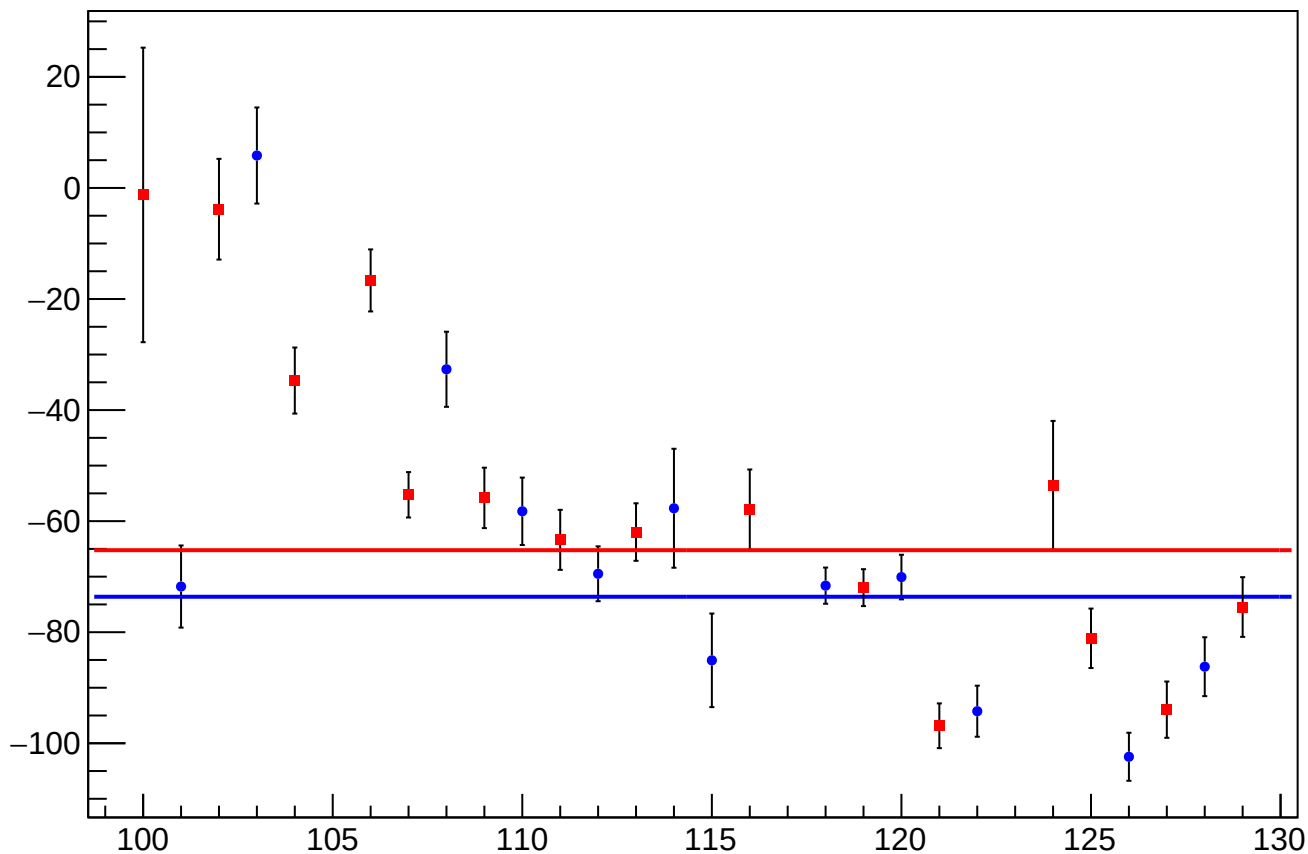
Right: -217.107+/-0.975 χ^2 /NDF: 3273.8/26

In: -229.074+/-1.482 χ^2 /NDF:748.8/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -217.107+/-0.975 χ^2 /NDF: 3273.8/26

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -73.616 ± 1.513 χ^2/NDF : 203.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

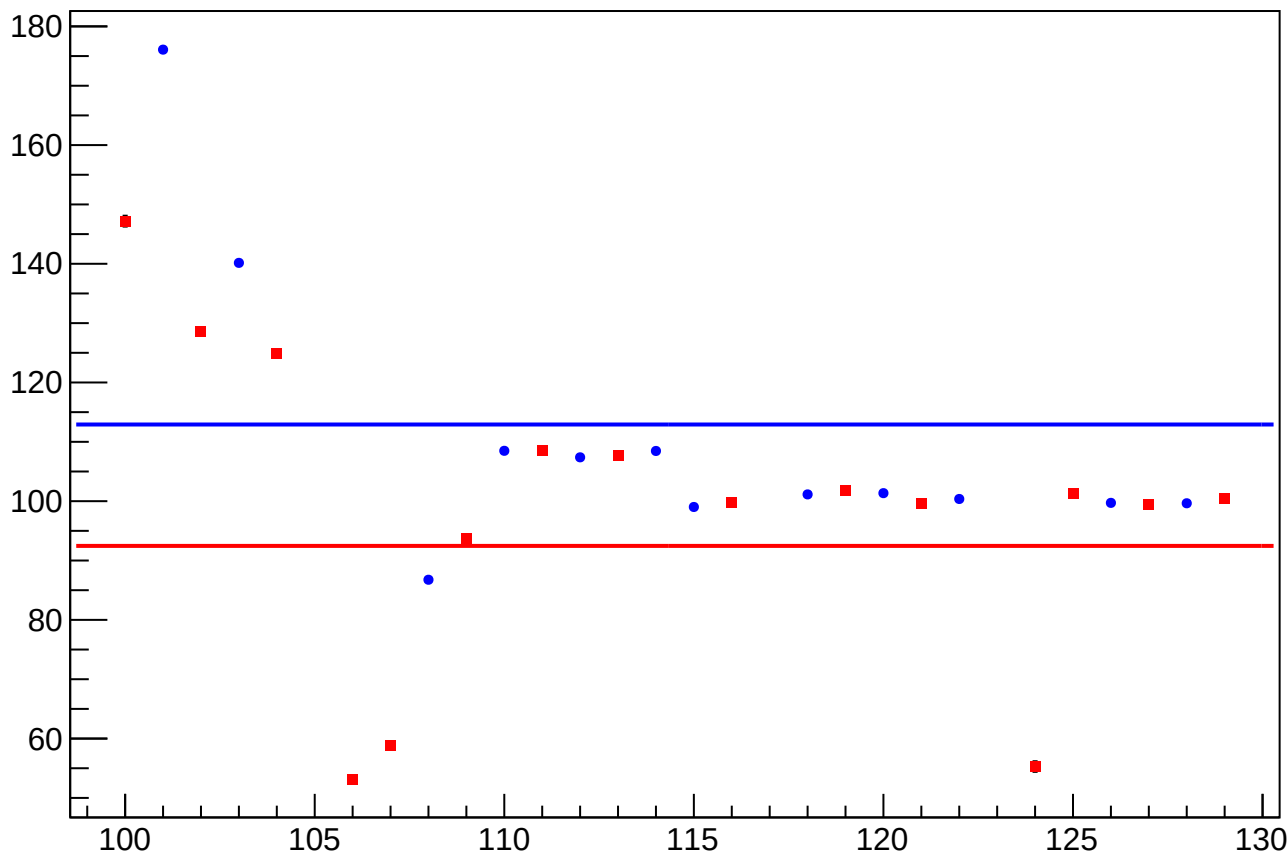
Right: -69.035 ± 1.019 χ^2/NDF : 495.8/26

In: -73.616 ± 1.513 χ^2/NDF : 203.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -69.035 ± 1.019 χ^2/NDF : 495.8/26

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 112.919+/-0.098 χ^2/NDF : 69768.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.464+/-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

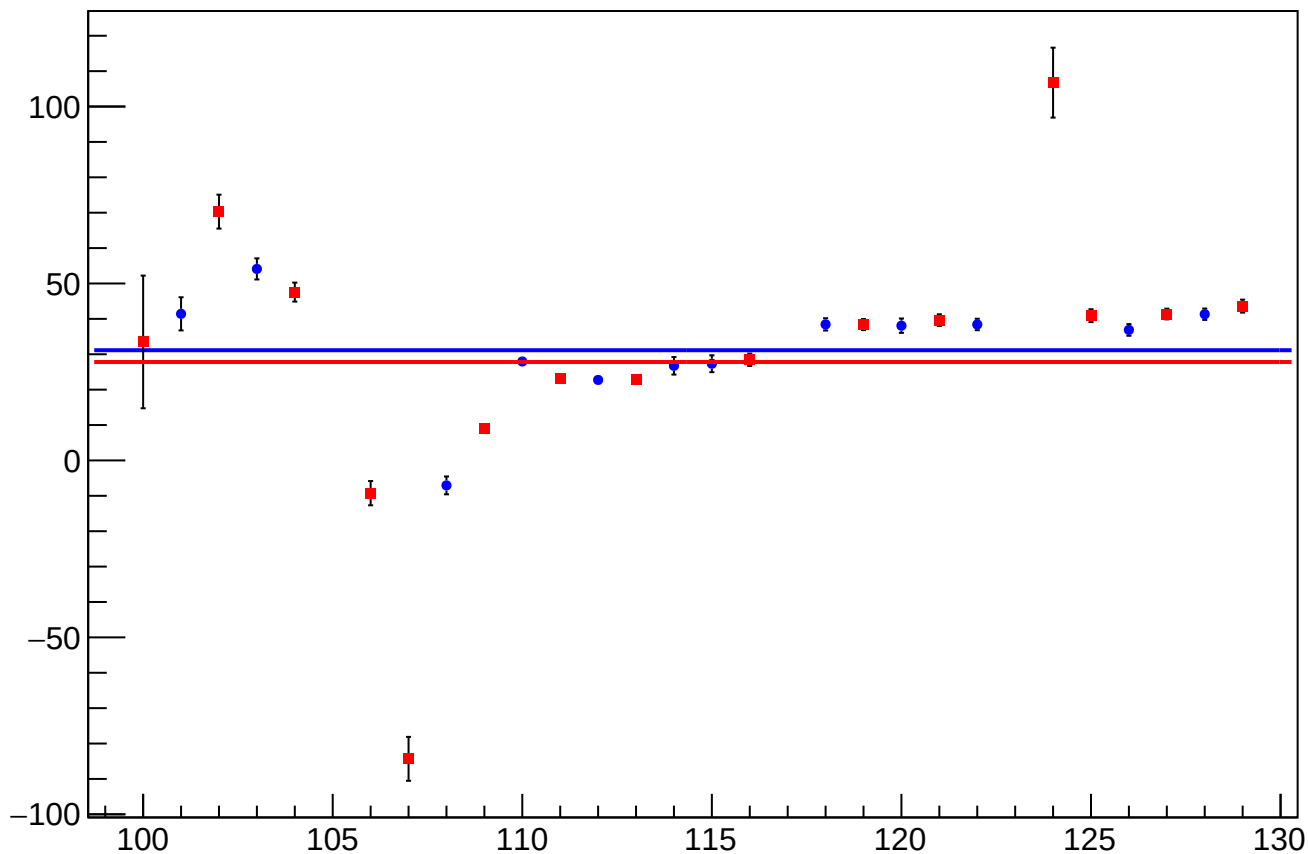
Right: 100.627+/-0.062 χ^2/NDF : 219096.7/26

In: 112.919+/-0.098 χ^2/NDF : 69768.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.627+/-0.062 χ^2/NDF : 219096.7/26

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 31.140 ± 0.516 $\chi^2/\text{NDF}: 464.0/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 27.814 ± 0.461 $\chi^2/\text{NDF}: 1280.5/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

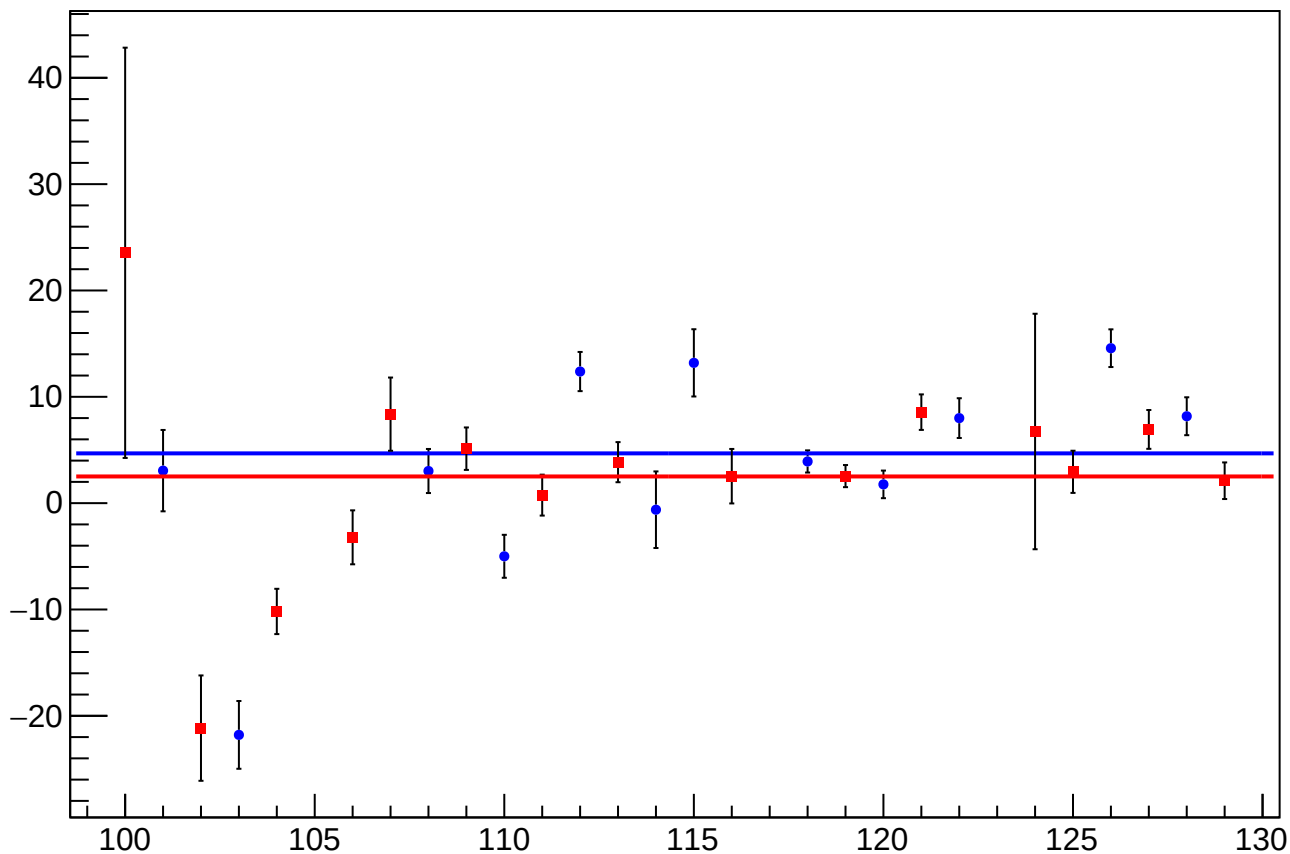
Right: 29.288 ± 0.344 $\chi^2/\text{NDF}: 1767.6/26$

In: 31.140 ± 0.516 $\chi^2/\text{NDF}: 464.0/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 29.288 ± 0.344 $\chi^2/\text{NDF}: 1767.6/26$

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.681+/-0.531 χ^2/NDF : 163.4/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2.510+/-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

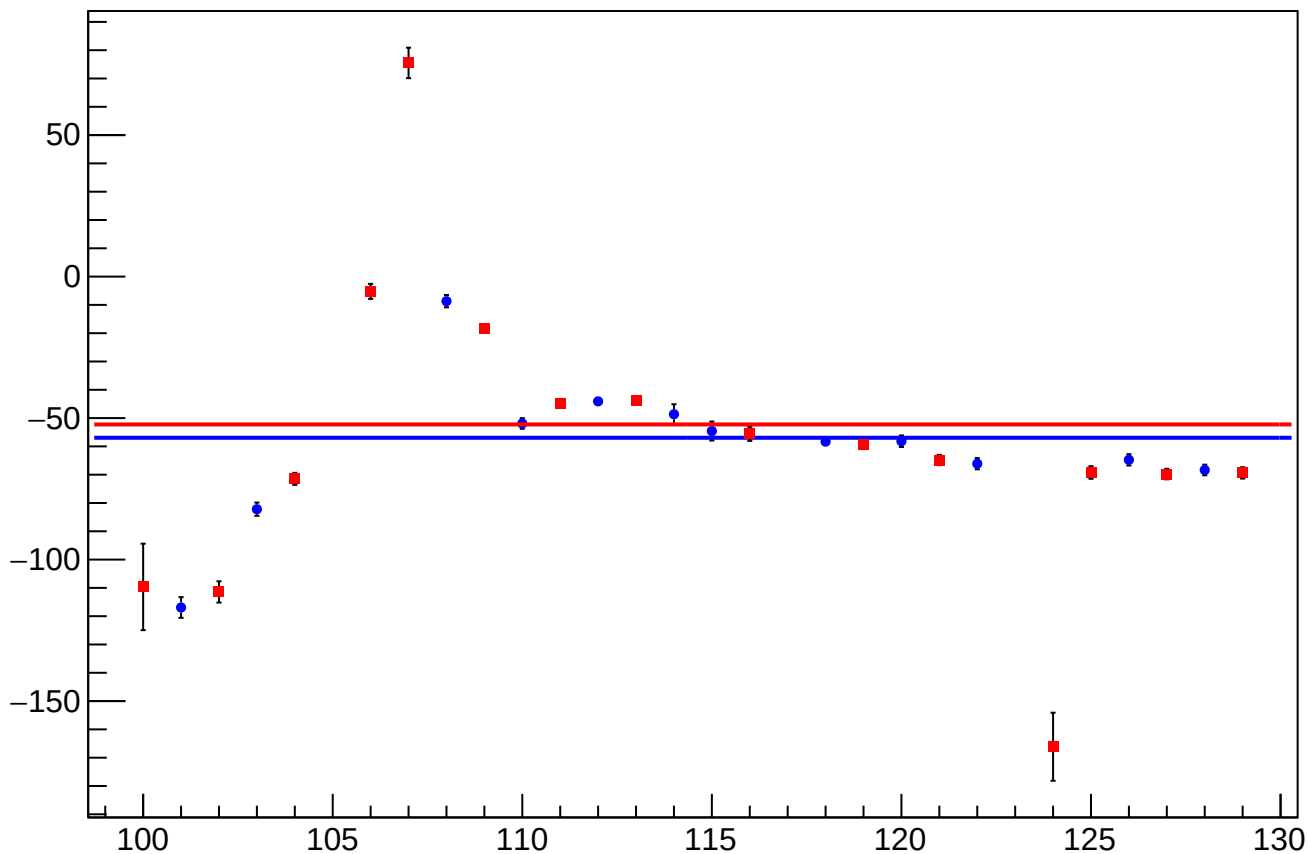
Right: 3.582+/-0.373 χ^2/NDF : 261.7/26

In: 4.681+/-0.531 χ^2/NDF :163.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3.582+/-0.373 χ^2/NDF : 261.7/26

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.951 ± 0.613 χ^2/NDF : 1025.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -52.253 ± 0.566 χ^2/NDF : 2086.9/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

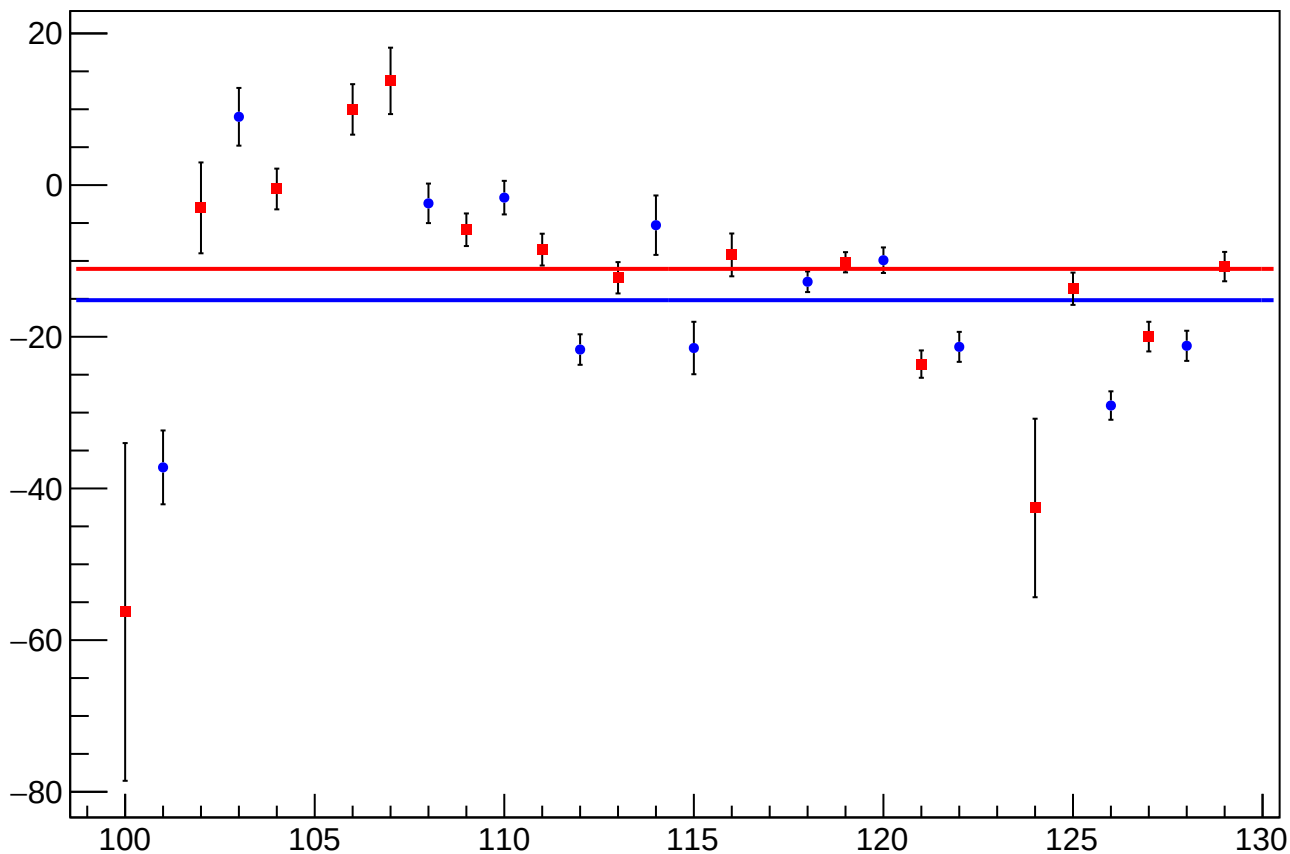
Right: -54.413 ± 0.416 χ^2/NDF : 3143.9/26

In: -56.951 ± 0.613 χ^2/NDF : 1025.4/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -54.413 ± 0.416 χ^2/NDF : 3143.9/26

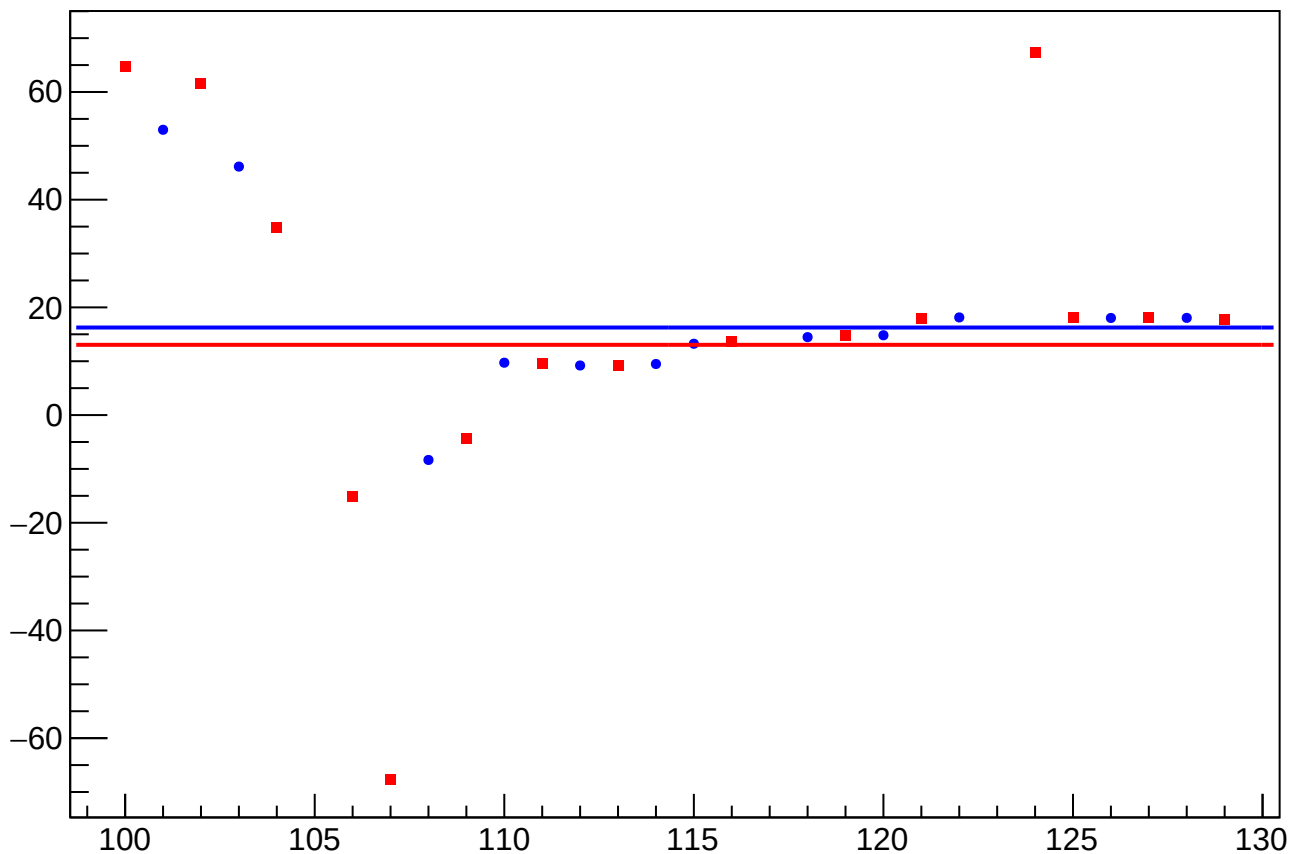
reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -15.175 ± 0.627 $\chi^2/\text{NDF}: 229.0/11$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -11.046 ± 0.604 $\chi^2/\text{NDF}: 179.7/14$
 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: -13.033 ± 0.435 $\chi^2/\text{NDF}: 431.2/26$
 In: -15.175 ± 0.627 $\chi^2/\text{NDF}: 229.0/11$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -13.033 ± 0.435 $\chi^2/\text{NDF}: 431.2/26$

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 16.260 $\pm$ 0.041 χ^2 /NDF: 204757.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 13.044 $\pm$ 0.039 χ^2 /NDF: 351904.2/14

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

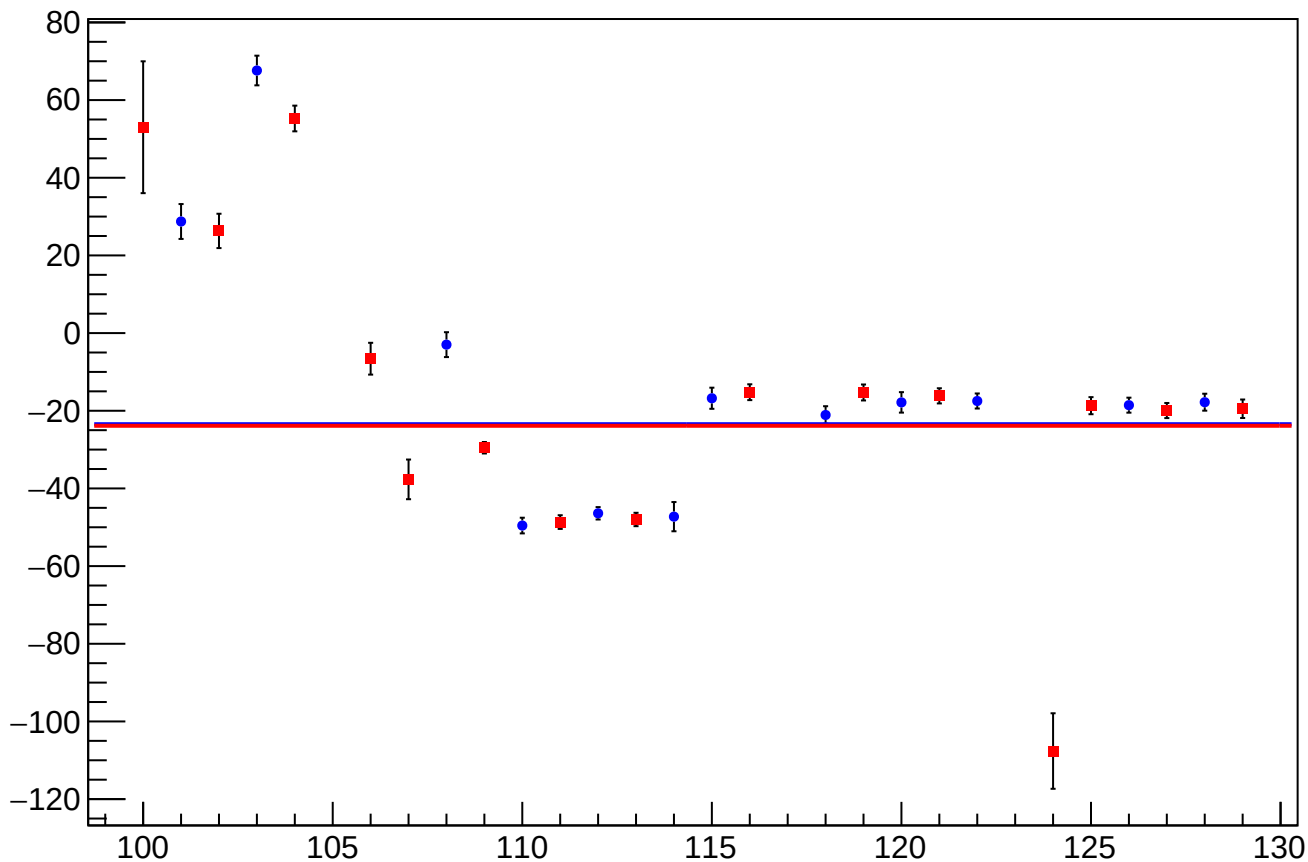
Right: 14.598 $\pm$ 0.028 χ^2 /NDF: 559891.9/26

In: 16.260 $\pm$ 0.041 χ^2 /NDF:204757.1/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 14.598 $\pm$ 0.028 χ^2 /NDF: 559891.9/26

reg_asym_at1_dd_at2_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -23.462 $\pm$ 0.683 χ^2 /NDF: 1192.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -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

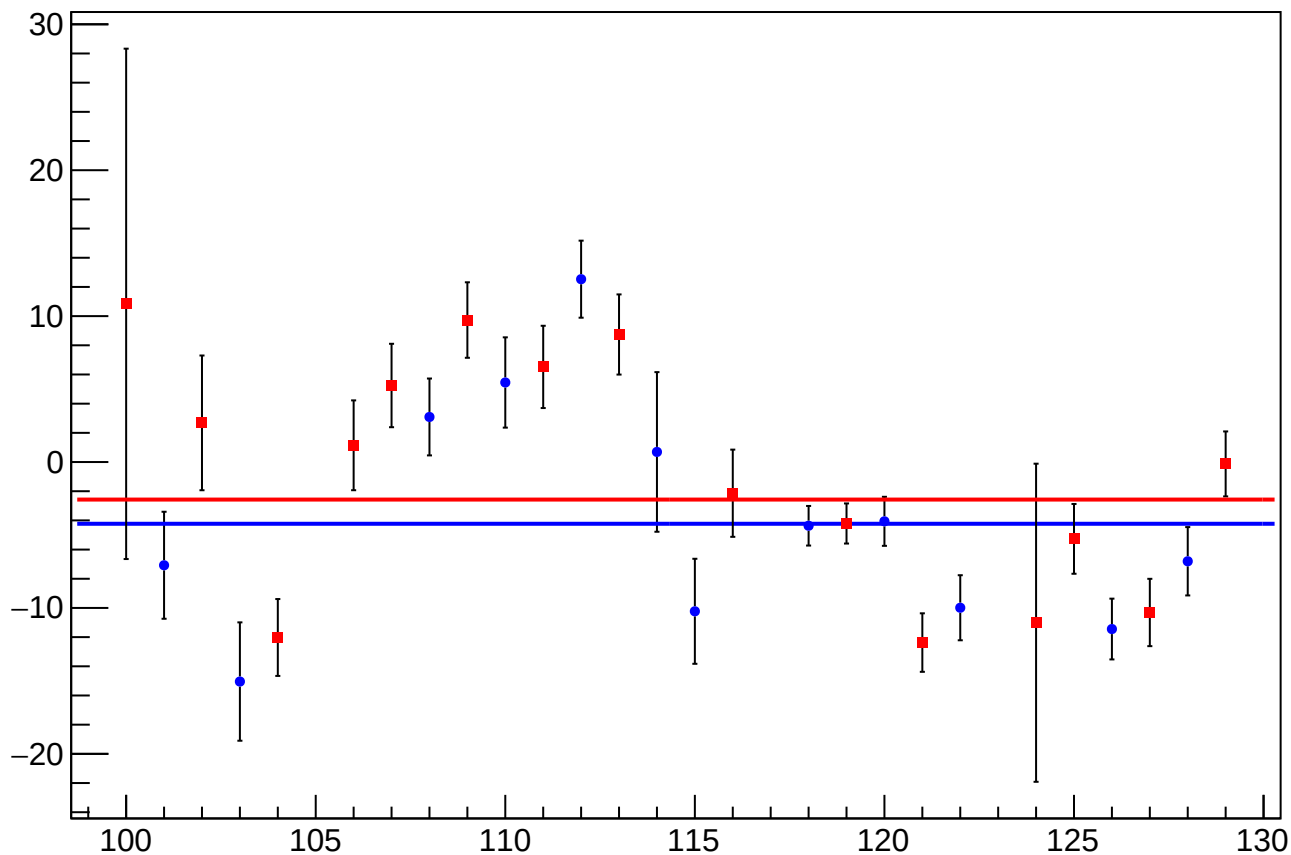
Right: -23.689 $\pm$ 0.452 χ^2 /NDF: 2485.8/26

In: -23.462 $\pm$ 0.683 χ^2 /NDF:1192.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -23.689 $\pm$ 0.452 χ^2 /NDF: 2485.8/26

reg_asym_at1_dd_at2_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.231 $\pm$ 0.682 χ^2 /NDF: 89.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.573 $\pm$ 0.660 χ^2 /NDF: 113.3/14

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

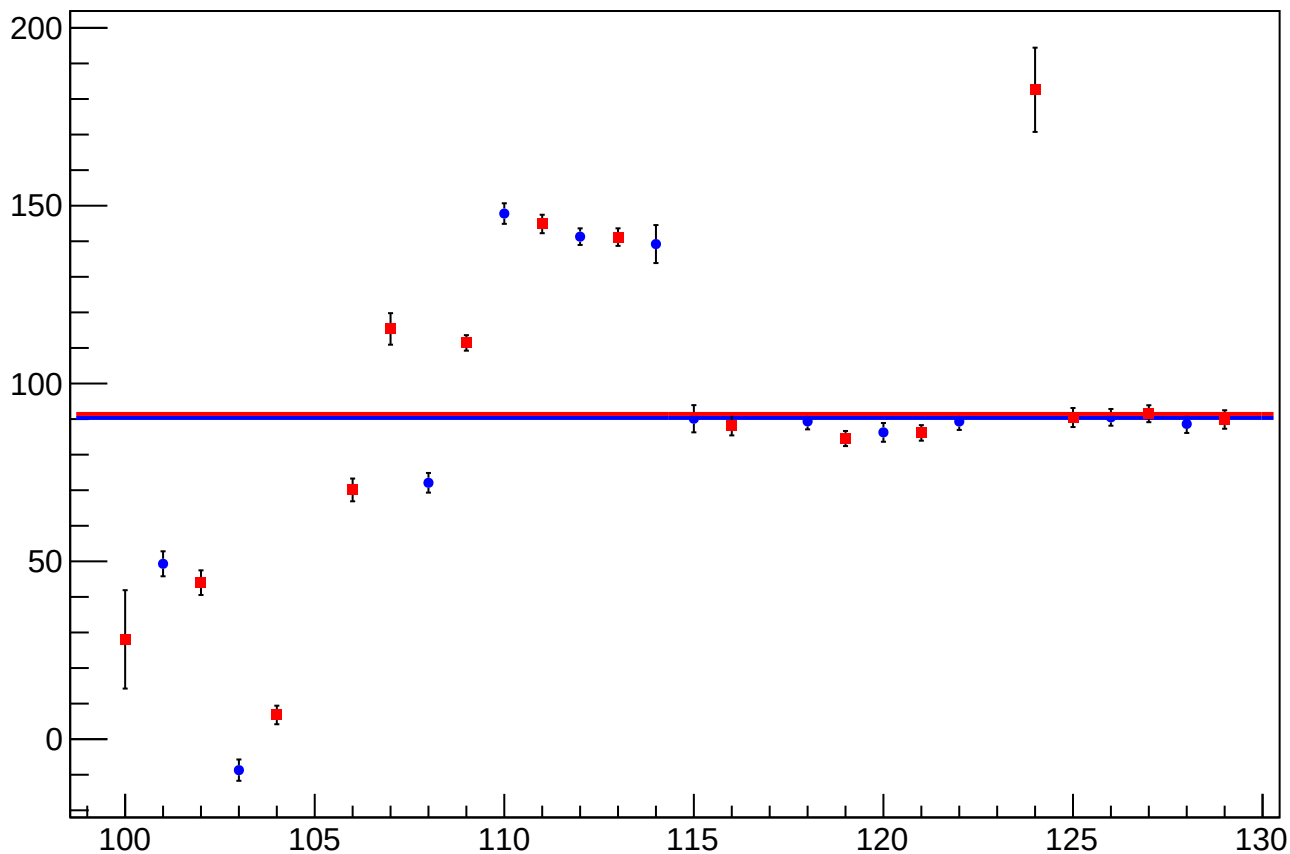
Right: -3.375 $\pm$ 0.474 χ^2 /NDF: 205.4/26

In: -4.231 $\pm$ 0.682 χ^2 /NDF:89.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -3.375 $\pm$ 0.474 χ^2 /NDF: 205.4/26

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 90.326 $\pm$ 0.794 χ^2 /NDF: 2230.0/11

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

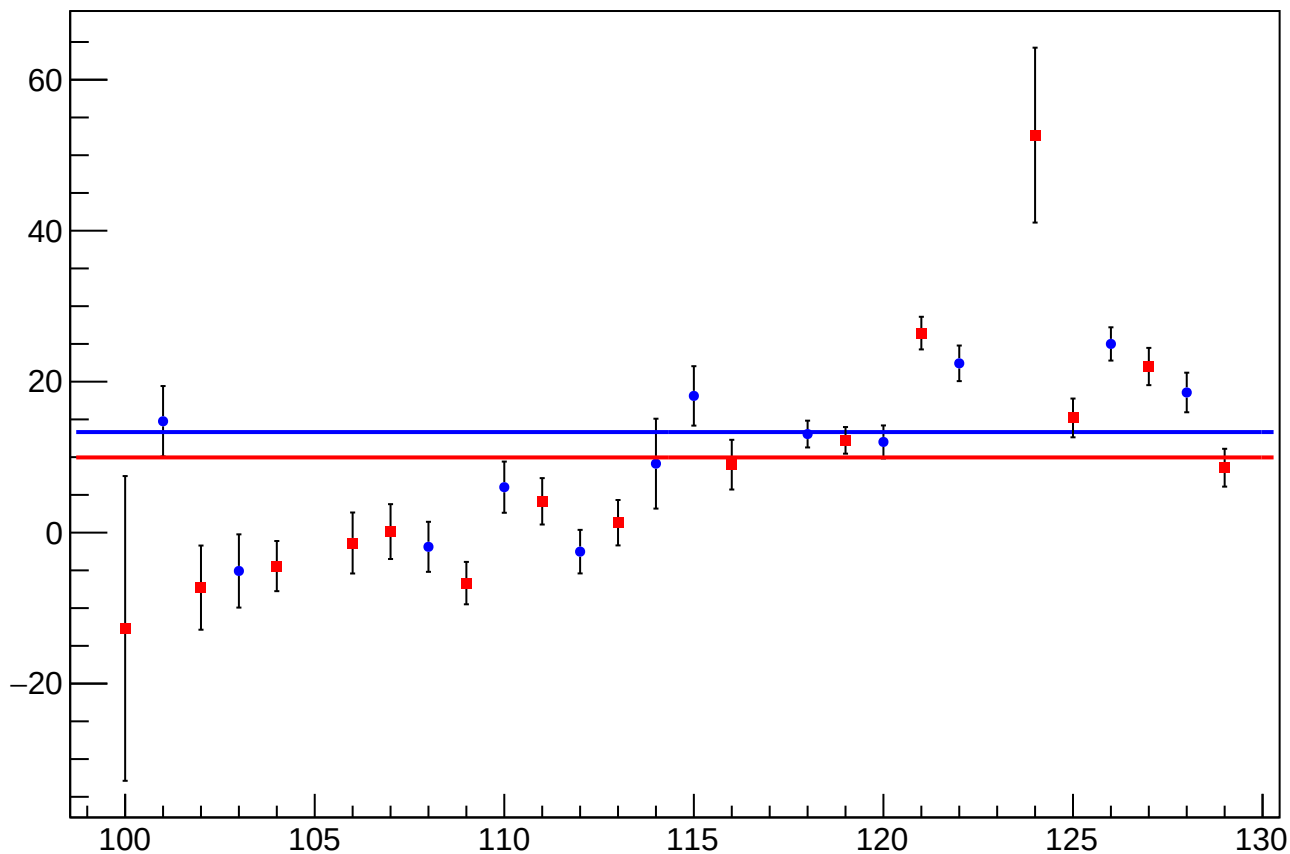
Right: 90.940 $\pm$ 0.534 χ^2 /NDF: 4556.2/26

In: 90.326 $\pm$ 0.794 χ^2 /NDF:2230.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 90.940 $\pm$ 0.534 χ^2 /NDF: 4556.2/26

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.322+/-0.807 χ^2/NDF : 119.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.963+/-0.764 χ^2/NDF : 193.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

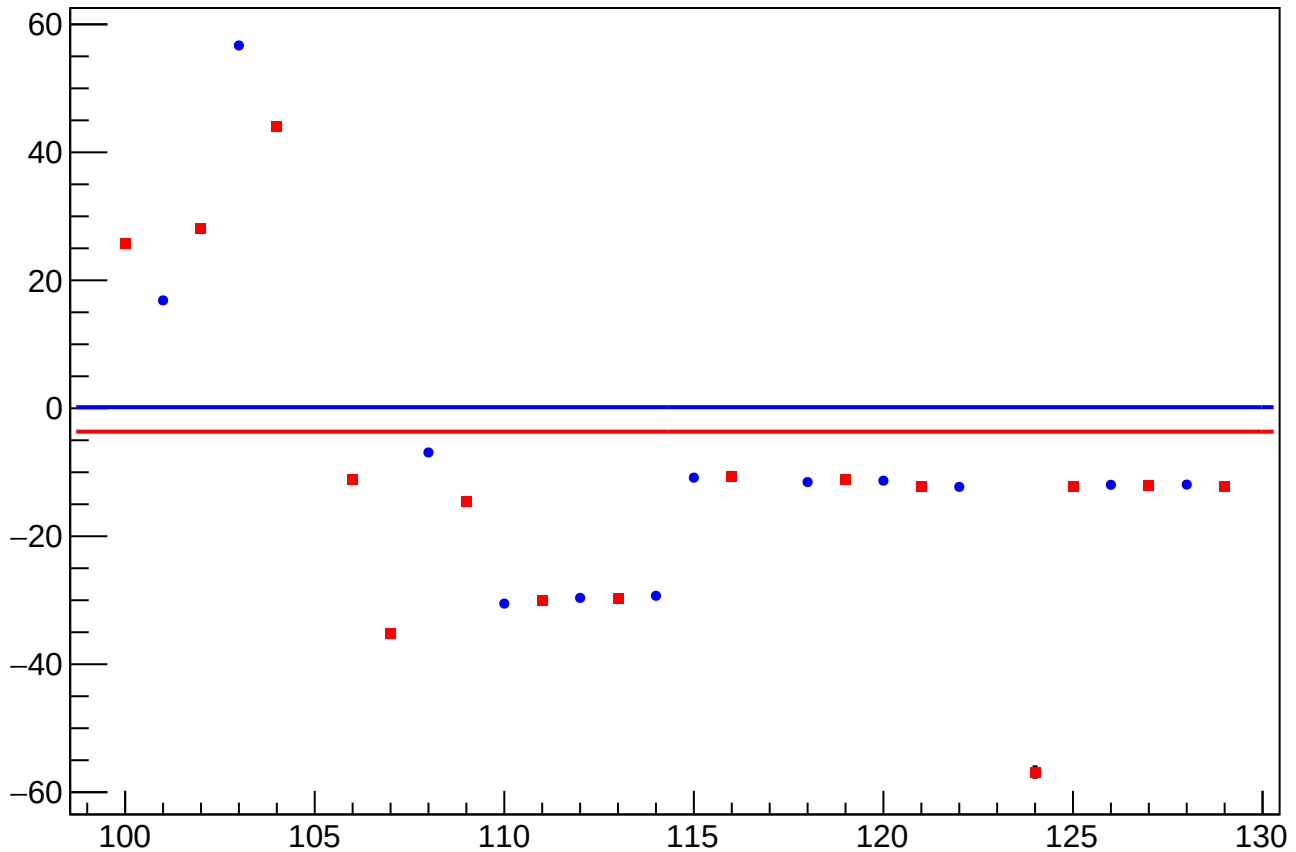
Right: 11.550+/-0.555 χ^2/NDF : 322.2/26

In: 13.322+/-0.807 χ^2/NDF : 119.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.550+/-0.555 χ^2/NDF : 322.2/26

reg_asym_at1_dd_at2_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.174+/-0.052 χ^2/NDF : 281765.3/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.643+/-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

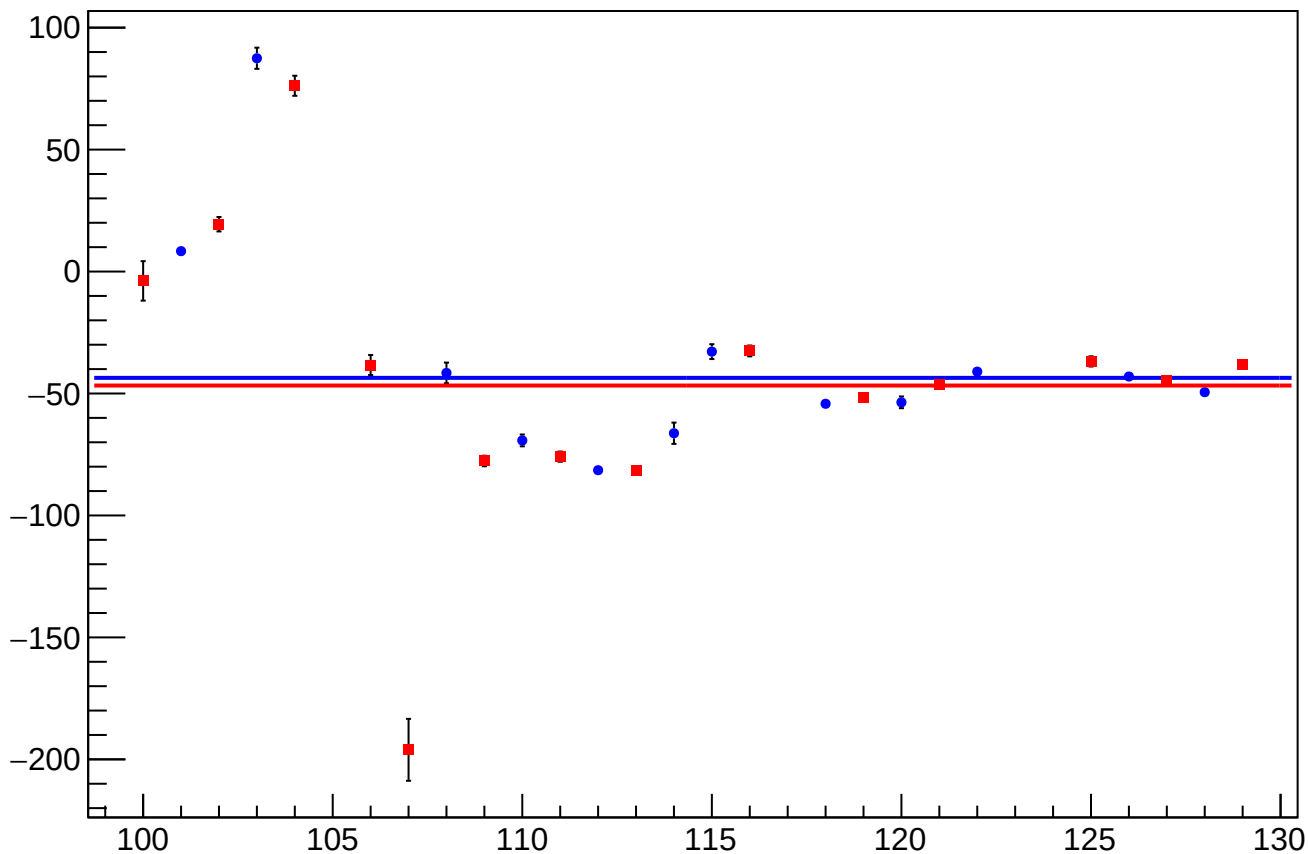
Right: -1.888+/-0.035 χ^2/NDF : 561952.4/26

In: 0.174+/-0.052 χ^2/NDF :281765.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.888+/-0.035 χ^2/NDF : 561952.4/26

reg_asym_usl_atl1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -43.589 ± 0.671 χ^2/NDF : 2182.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

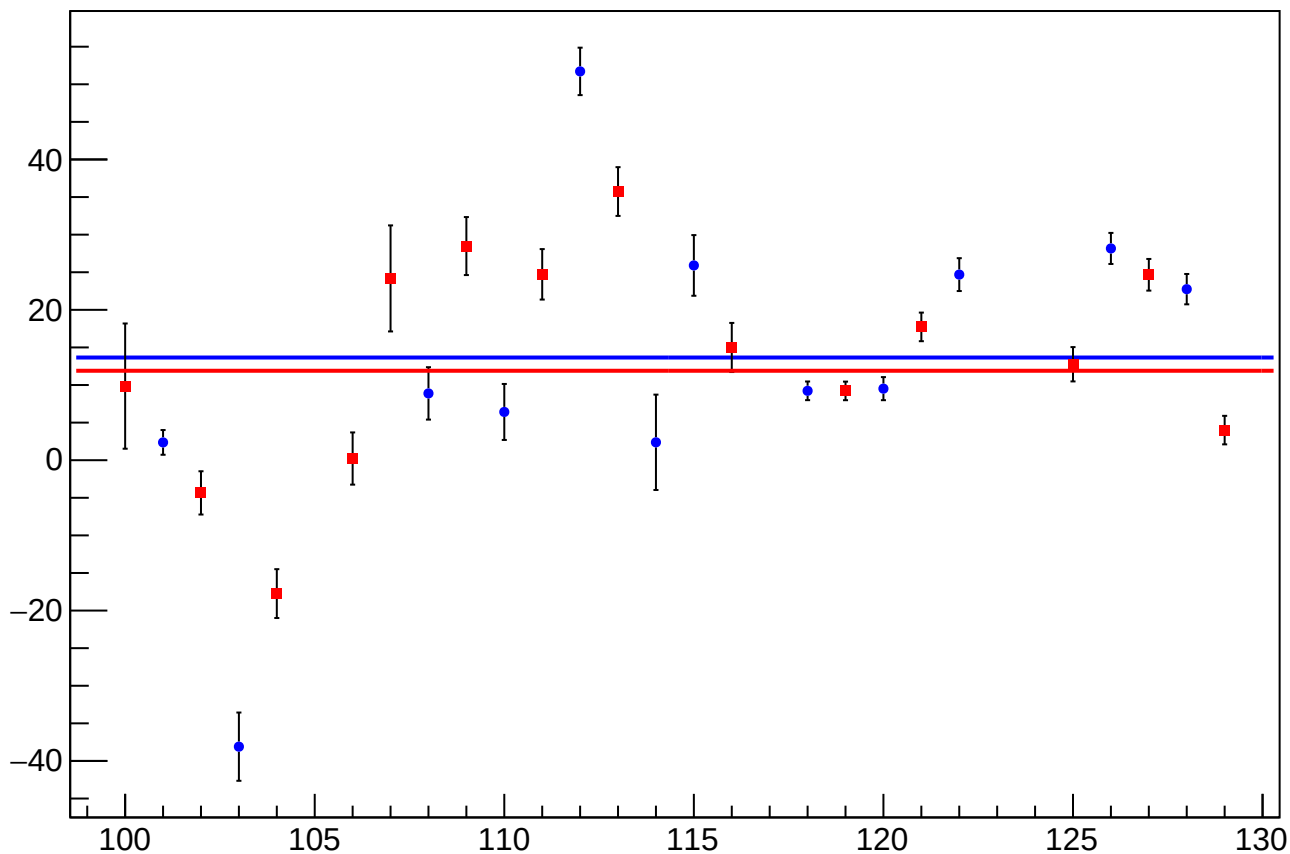
Right: -45.257 ± 0.460 χ^2/NDF : 4541.2/25

In: -43.589 ± 0.671 χ^2/NDF : 2182.3/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -45.257 ± 0.460 χ^2/NDF : 4541.2/25

reg_asym_usl_atl1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.658 $\pm$ 0.630 χ^2 /NDF: 455.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.896 $\pm$ 0.659 χ^2 /NDF: 285.8/13

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

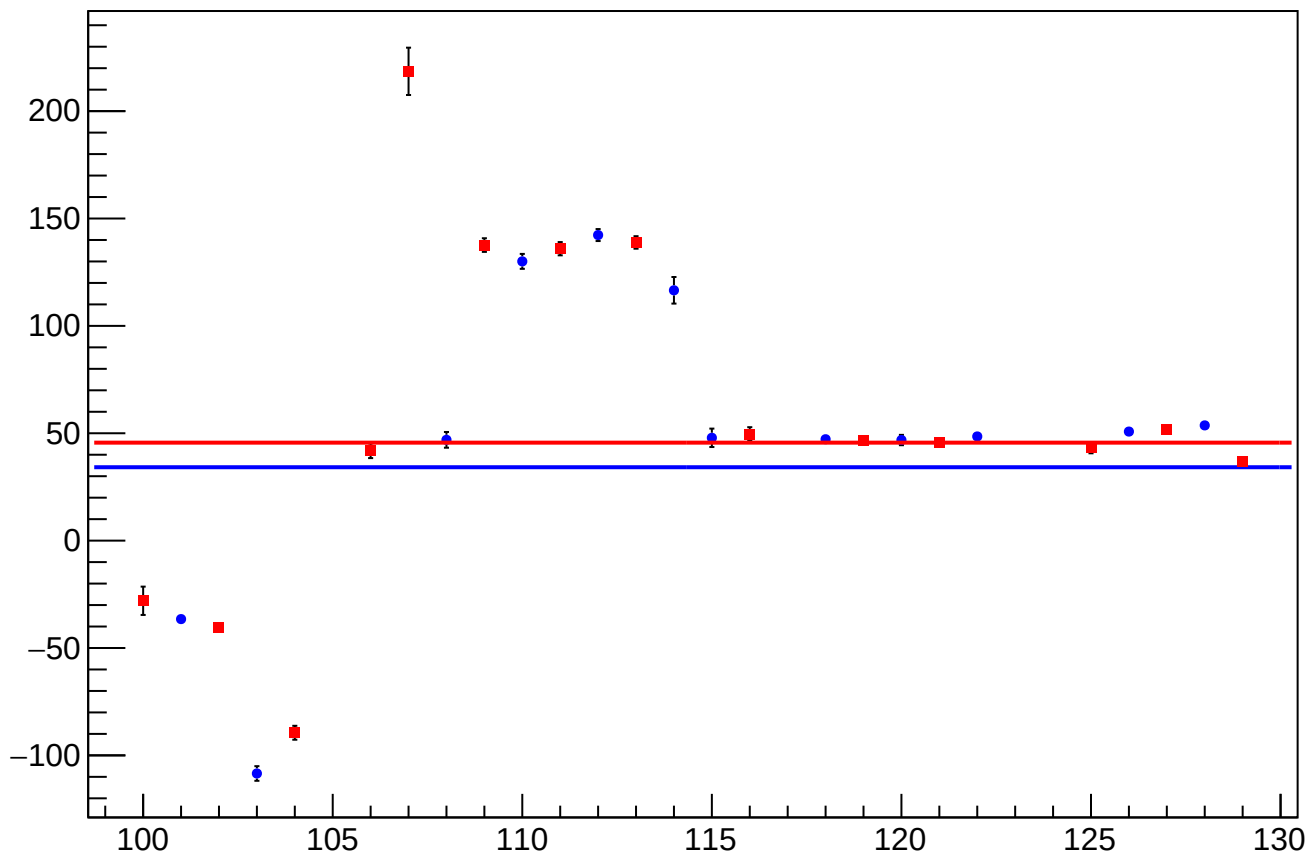
Right: 12.817 $\pm$ 0.455 χ^2 /NDF: 745.3/25

In: 13.658 $\pm$ 0.630 χ^2 /NDF:455.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 12.817 $\pm$ 0.455 χ^2 /NDF: 745.3/25

reg_asym_usl_atl1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 34.179+/-0.734 χ^2 /NDF: 6477.5/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 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

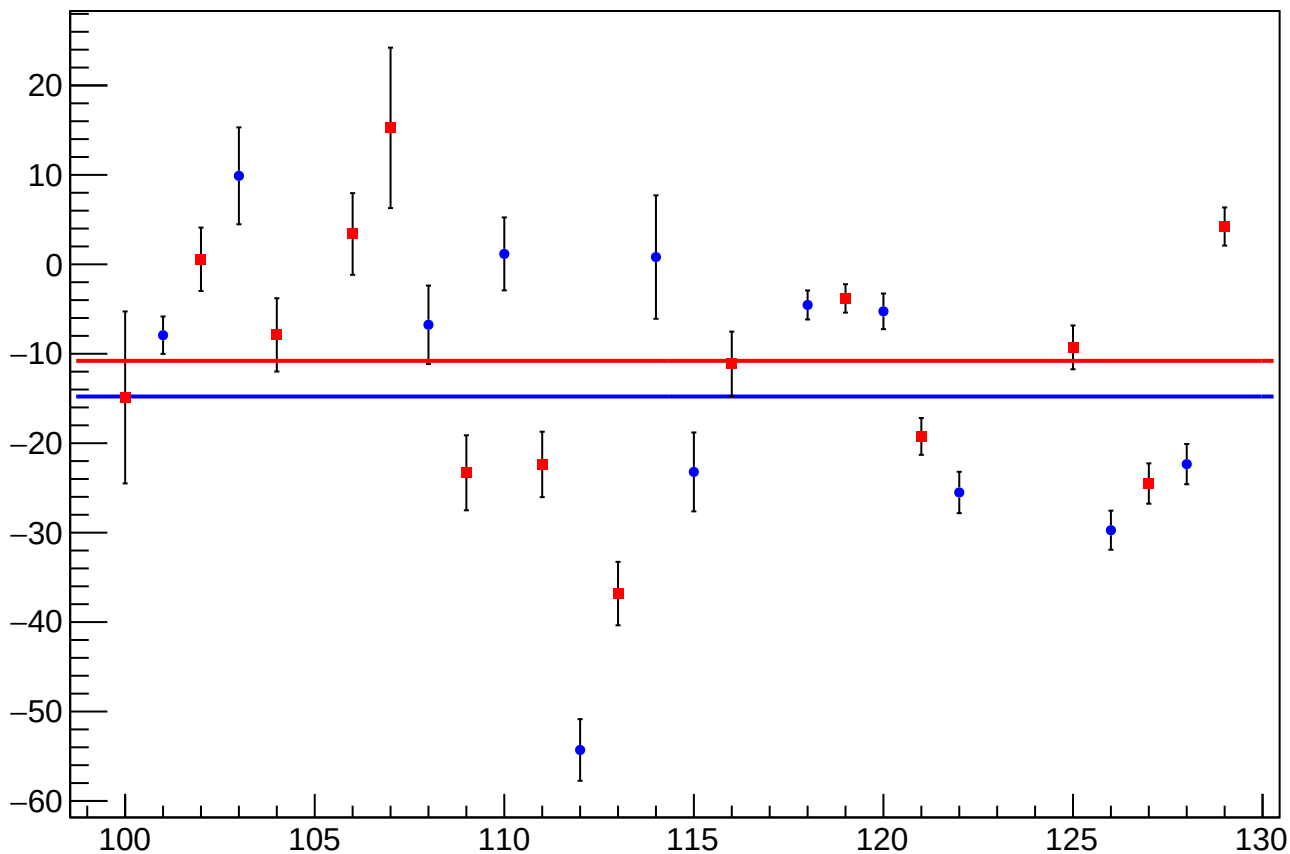
Right: 39.971+/-0.516 χ^2 /NDF: 12834.9/25

In: 34.179+/-0.734 χ^2 /NDF:6477.5/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 39.971+/-0.516 χ^2 /NDF: 12834.9/25

reg_asym_usl_atl1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -14.779+/-0.755 χ^2/NDF : 332.6/11

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

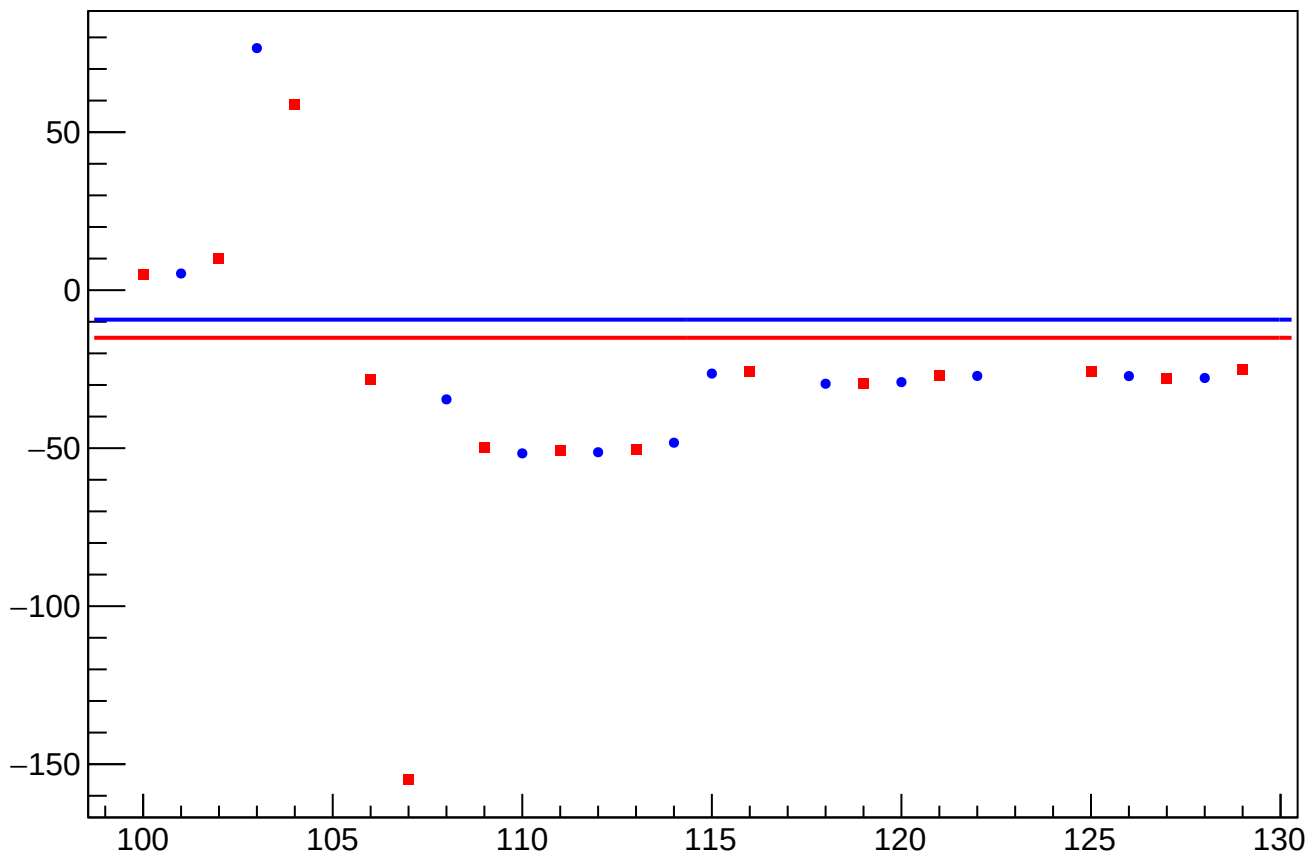
Right: -12.809+/-0.537 χ^2/NDF : 571.3/25

In: -14.779+/-0.755 χ^2/NDF :332.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -12.809+/-0.537 χ^2/NDF : 571.3/25

reg_asym_usl_atl1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -9.324+/-0.049 χ^2 /NDF: 542081.9/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -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

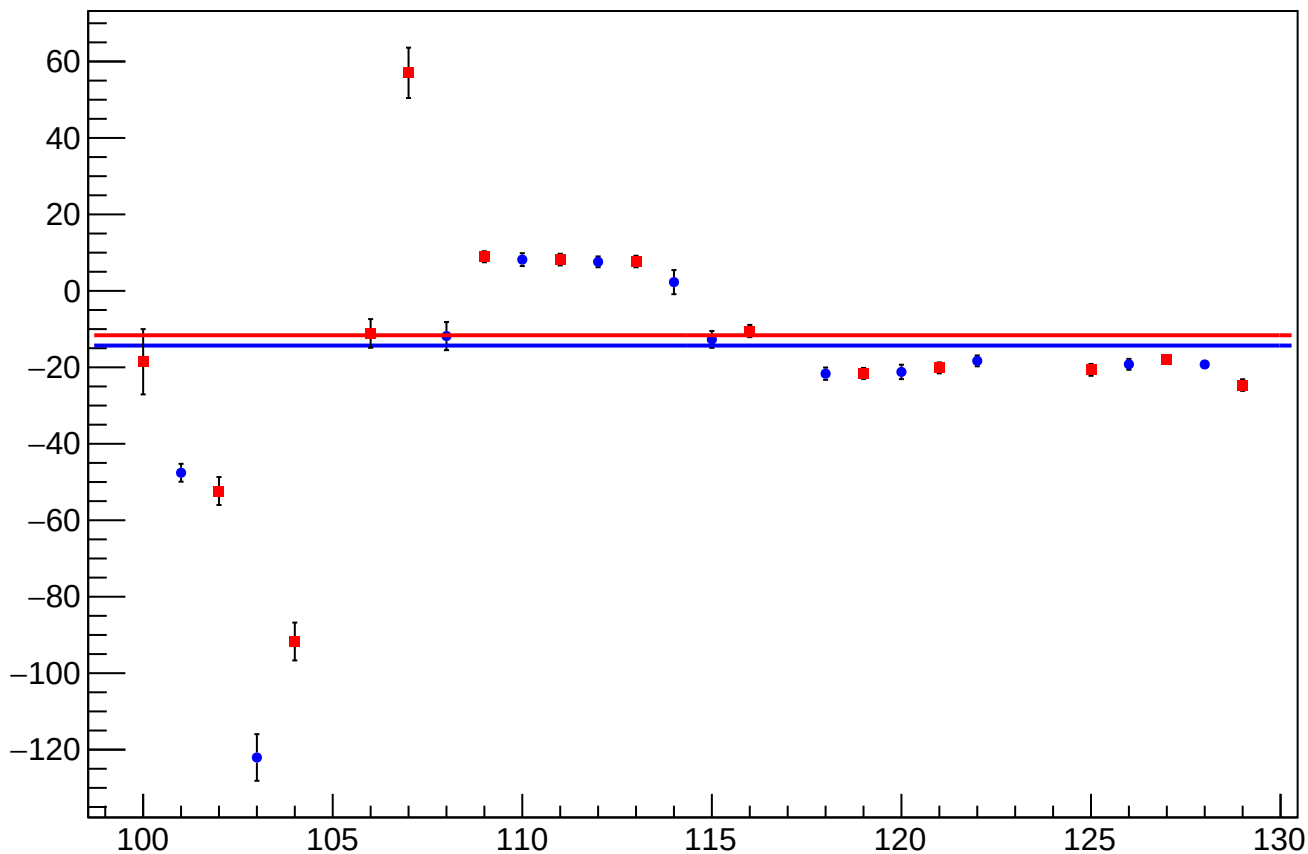
Right: -12.235+/-0.034 χ^2 /NDF: 1036934.0/25

In: -9.324+/-0.049 χ^2 /NDF:542081.9/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -12.235+/-0.034 χ^2 /NDF: 1036934.0/25

reg_asym_usl_atl1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -14.303+/-0.521 χ^2/NDF : 1030.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.615+/-0.476 χ^2/NDF : 1246.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

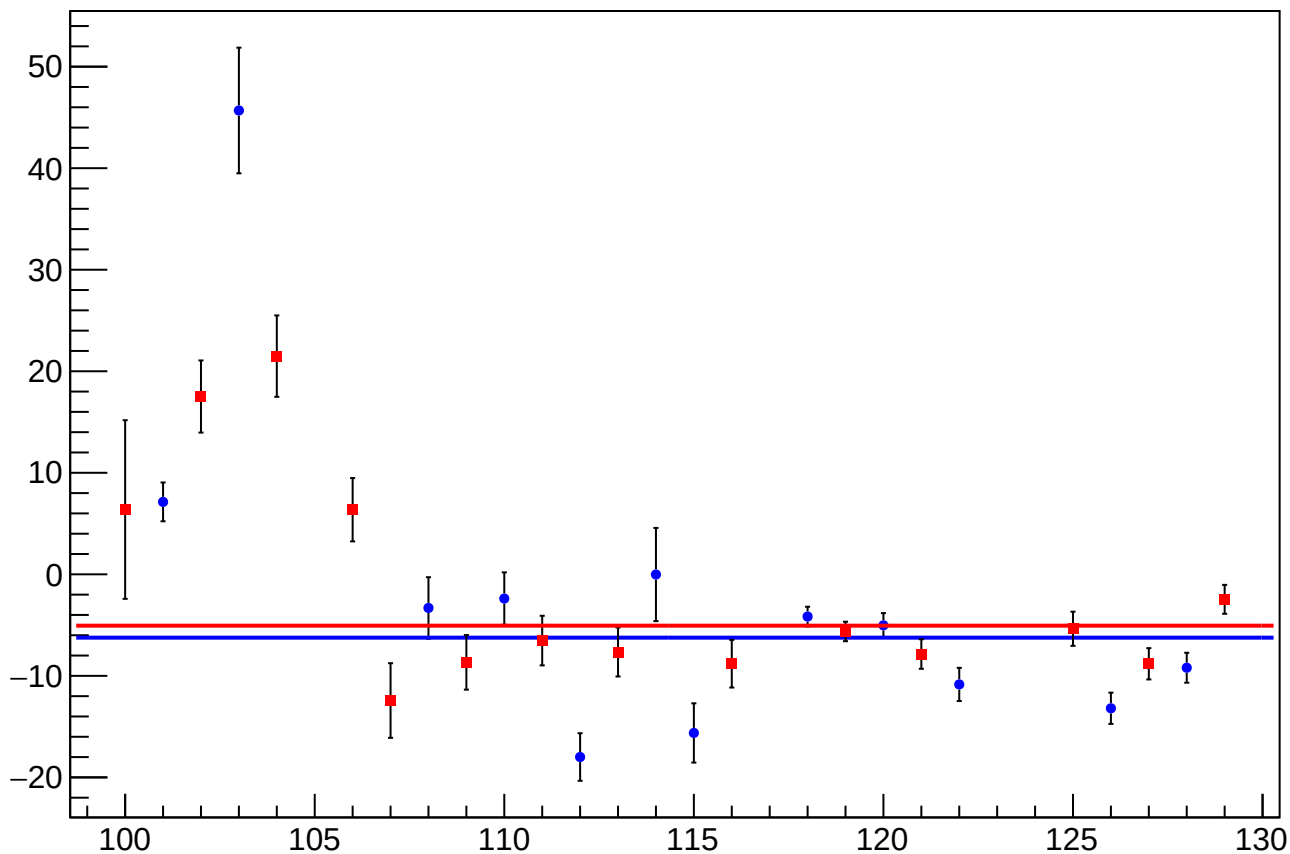
Right: -12.839+/-0.351 χ^2/NDF : 2291.8/25

In: -14.303+/-0.521 χ^2/NDF : 1030.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.839+/-0.351 χ^2/NDF : 2291.8/25

reg_asym_usl_atl1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.237 $\pm$ 0.505 χ^2 /NDF: 197.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -5.057 $\pm$ 0.512 χ^2 /NDF: 122.5/13

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

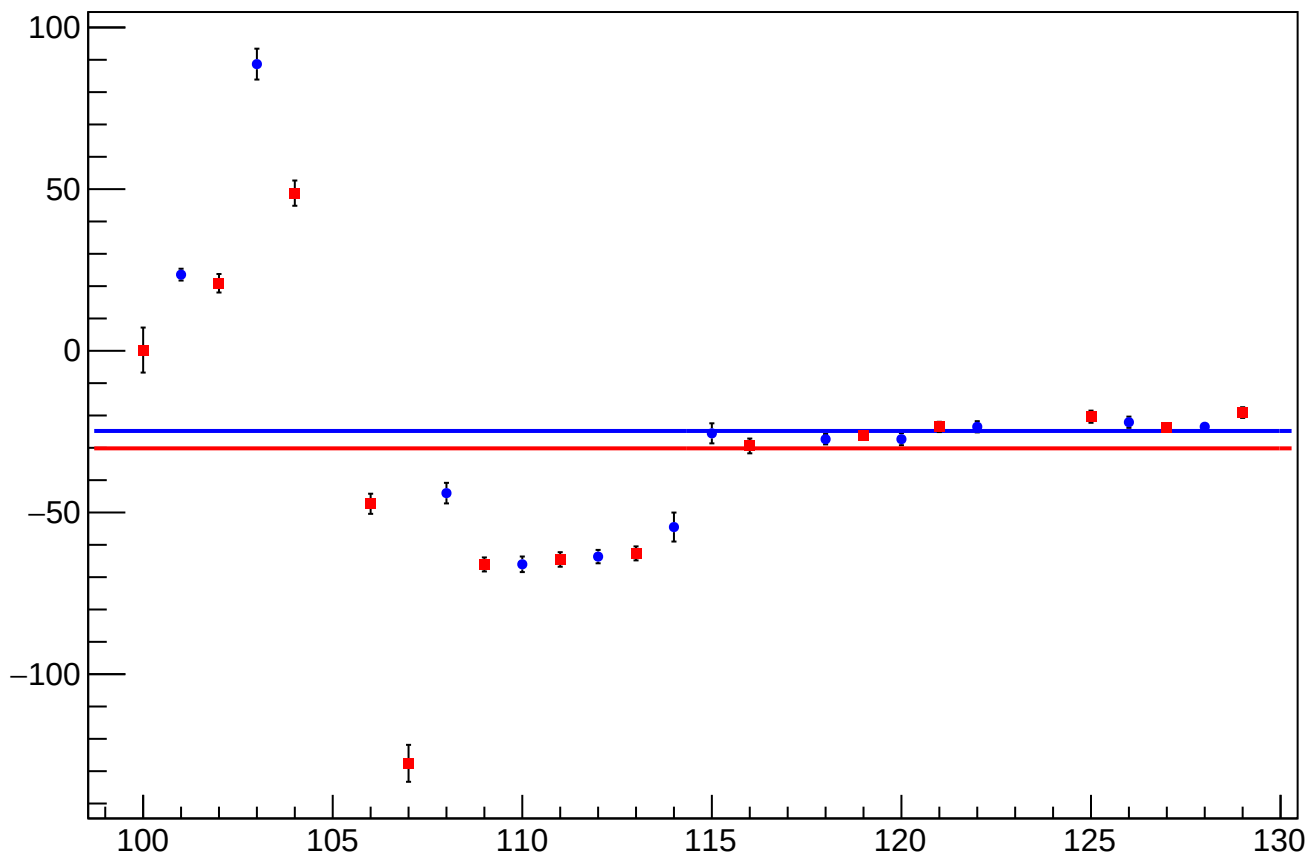
Right: -5.655 $\pm$ 0.359 χ^2 /NDF: 323.2/25

In: -6.237 $\pm$ 0.505 χ^2 /NDF:197.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.655 $\pm$ 0.359 χ^2 /NDF: 323.2/25

reg_asym_usl_atl1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -24.786 ± 0.602 χ^2/NDF : 1998.1/11

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

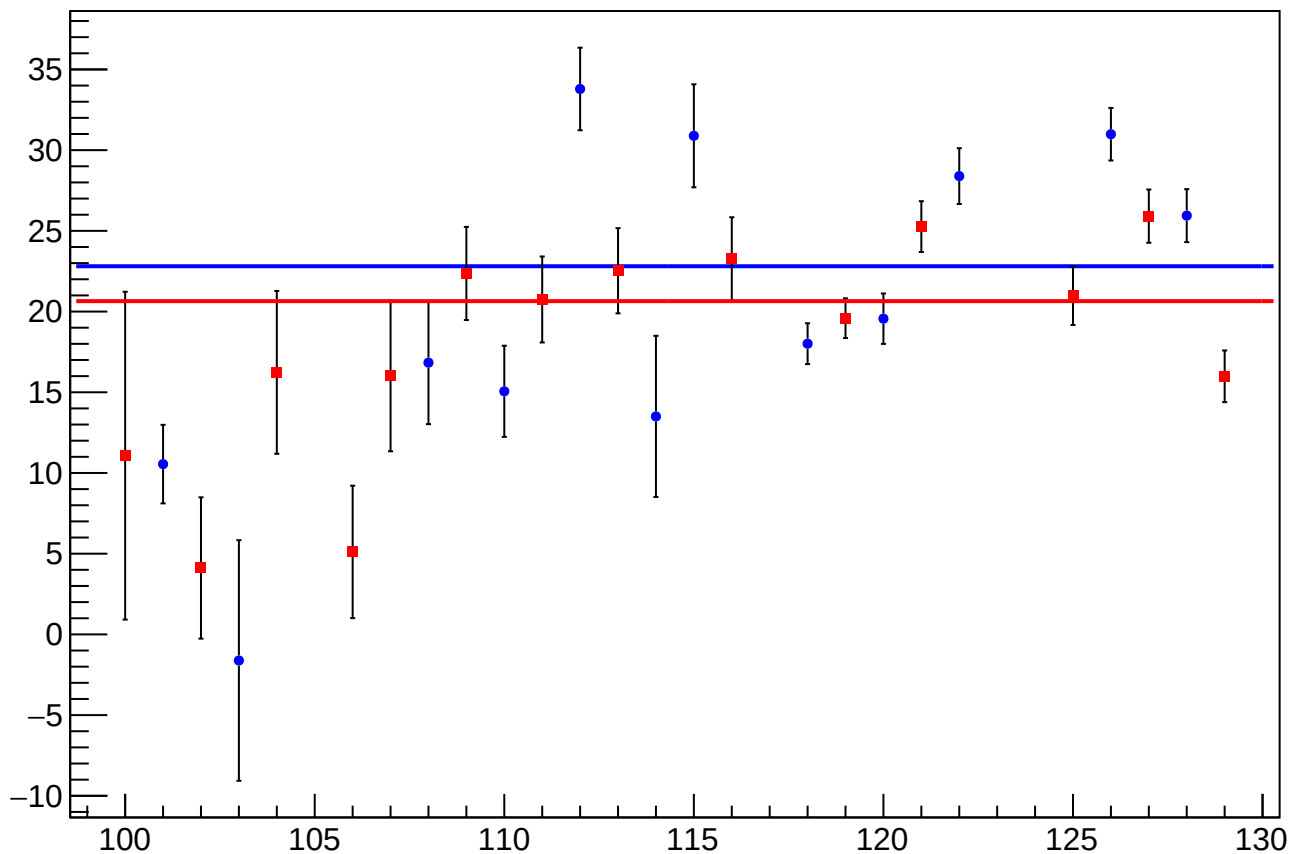
Right: -27.619 ± 0.414 χ^2/NDF : 3954.5/25

In: -24.786 ± 0.602 χ^2/NDF : 1998.1/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -27.619 ± 0.414 χ^2/NDF : 3954.5/25

reg_asym_usl_atl1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.808+/-0.599 χ^2/NDF : 132.5/11

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

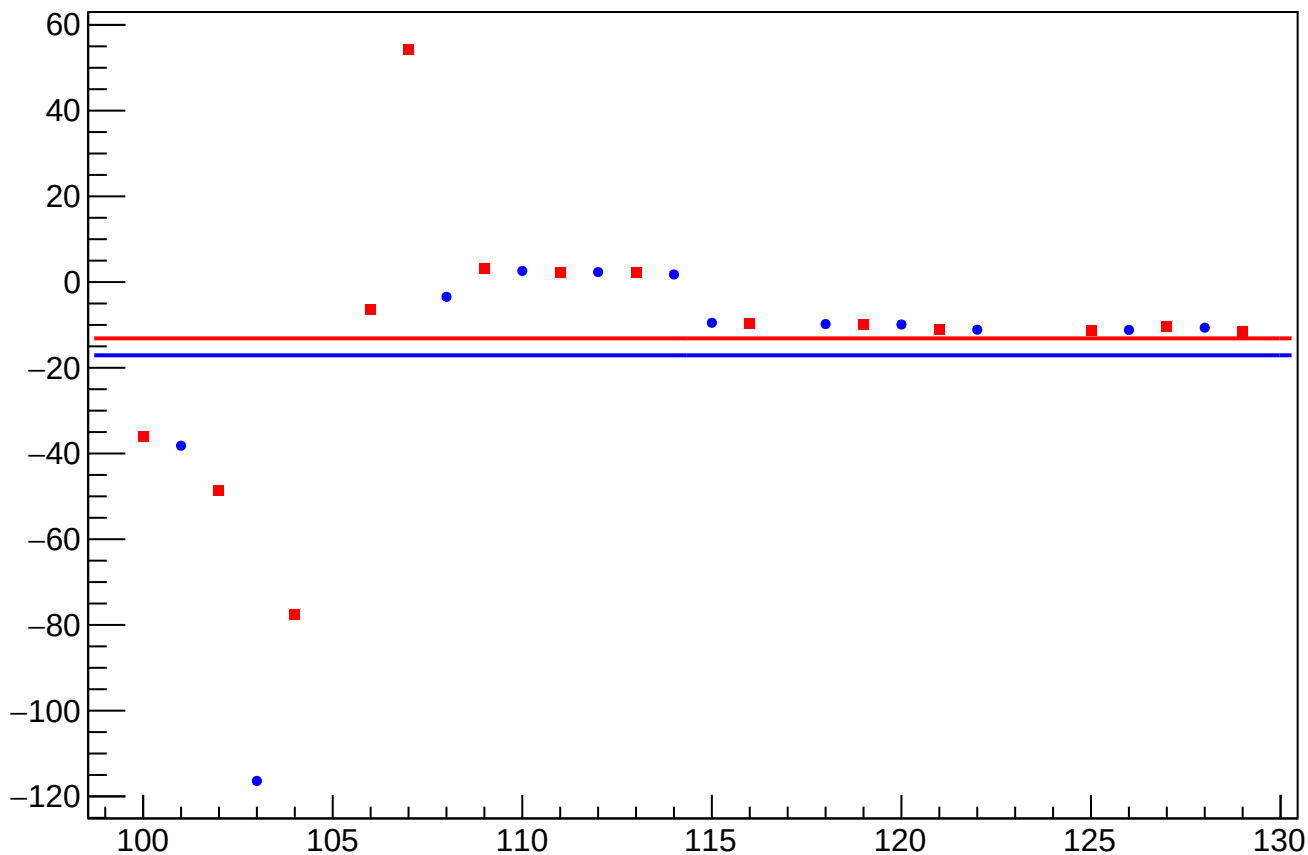
Right: 21.708+/-0.420 χ^2/NDF : 200.3/25

In: 22.808+/-0.599 χ^2/NDF : 132.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.708+/-0.420 χ^2/NDF : 200.3/25

reg_asym_usl_atl1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -17.087+/-0.043 χ^2/NDF : 329016.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.136+/-0.041 χ^2/NDF : 310774.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

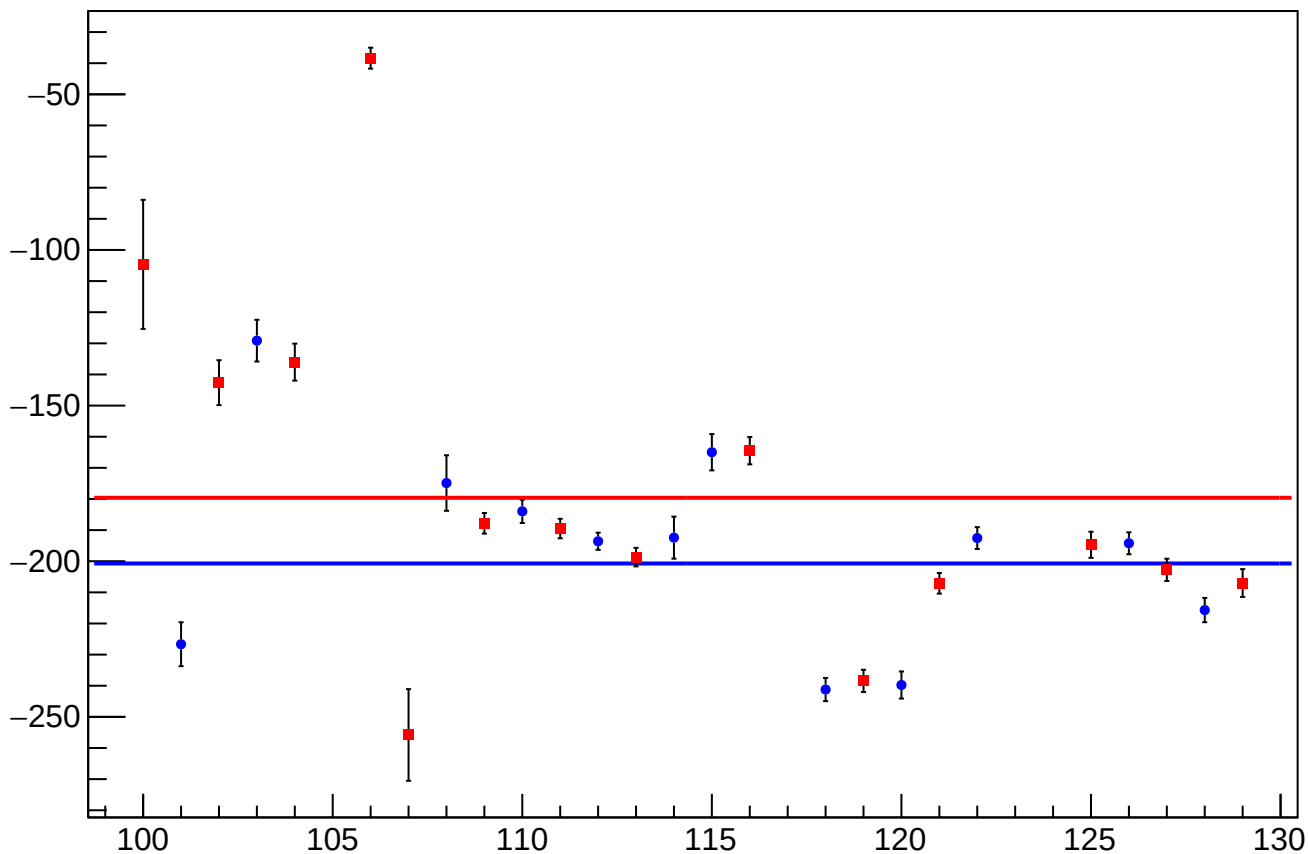
Right: -15.018+/-0.030 χ^2/NDF : 644210.2/25

In: -17.087+/-0.043 χ^2/NDF : 329016.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.018+/-0.030 χ^2/NDF : 644210.2/25

reg_asym_usl_atl2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -200.725 ± 1.229 χ^2/NDF : 424.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -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

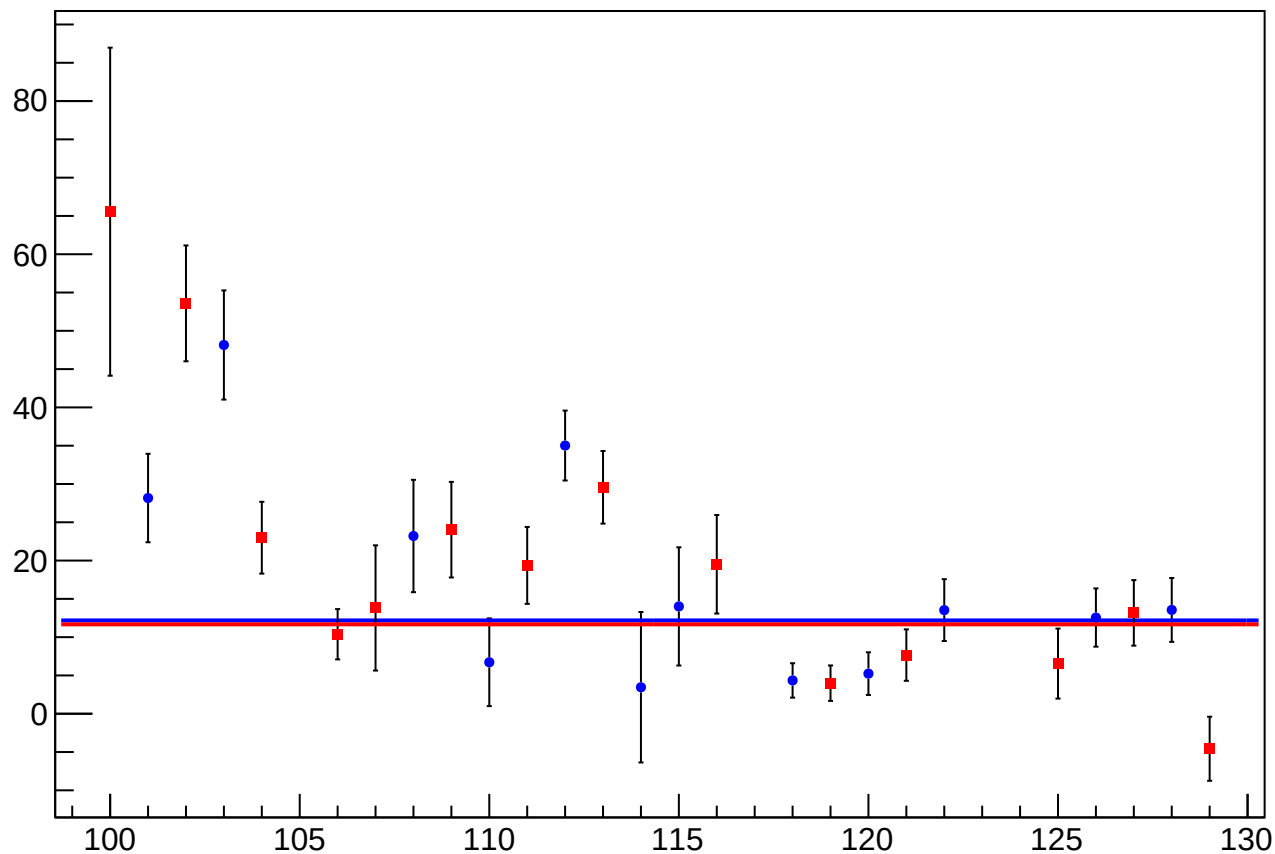
Right: -188.830 ± 0.812 χ^2/NDF : 2973.7/25

In: -200.725 ± 1.229 χ^2/NDF : 424.1/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -188.830 ± 0.812 χ^2/NDF : 2973.7/25

reg_asym_usl_atl2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.182 $\pm$ 1.204 χ^2 /NDF: 80.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11.674 $\pm$ 1.161 χ^2 /NDF: 94.0/13

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

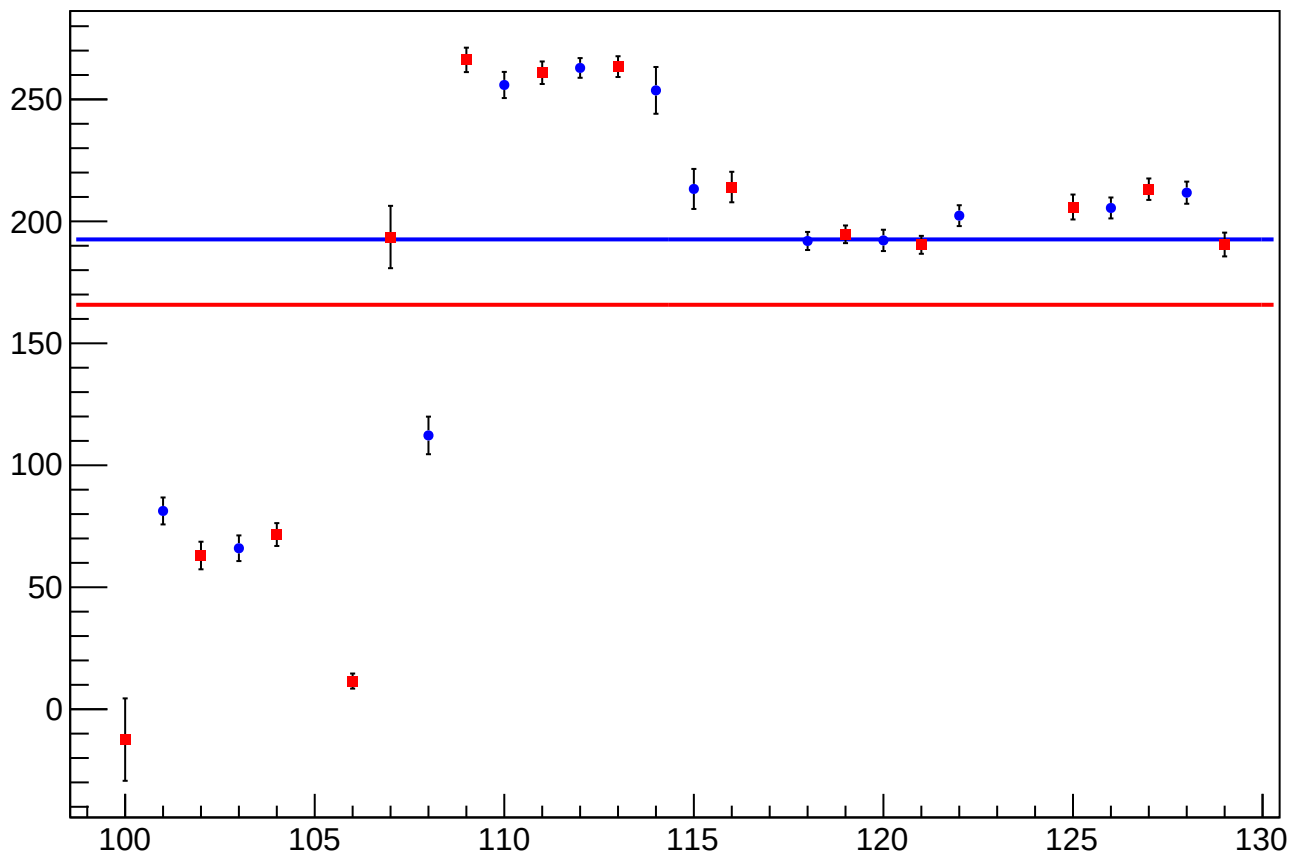
Right: 11.919 $\pm$ 0.836 χ^2 /NDF: 174.9/25

In: 12.182 $\pm$ 1.204 χ^2 /NDF: 80.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.919 $\pm$ 0.836 χ^2 /NDF: 174.9/25

reg_asym_usl_atl2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 192.599+/-1.428 χ^2/NDF : 1616.0/11

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

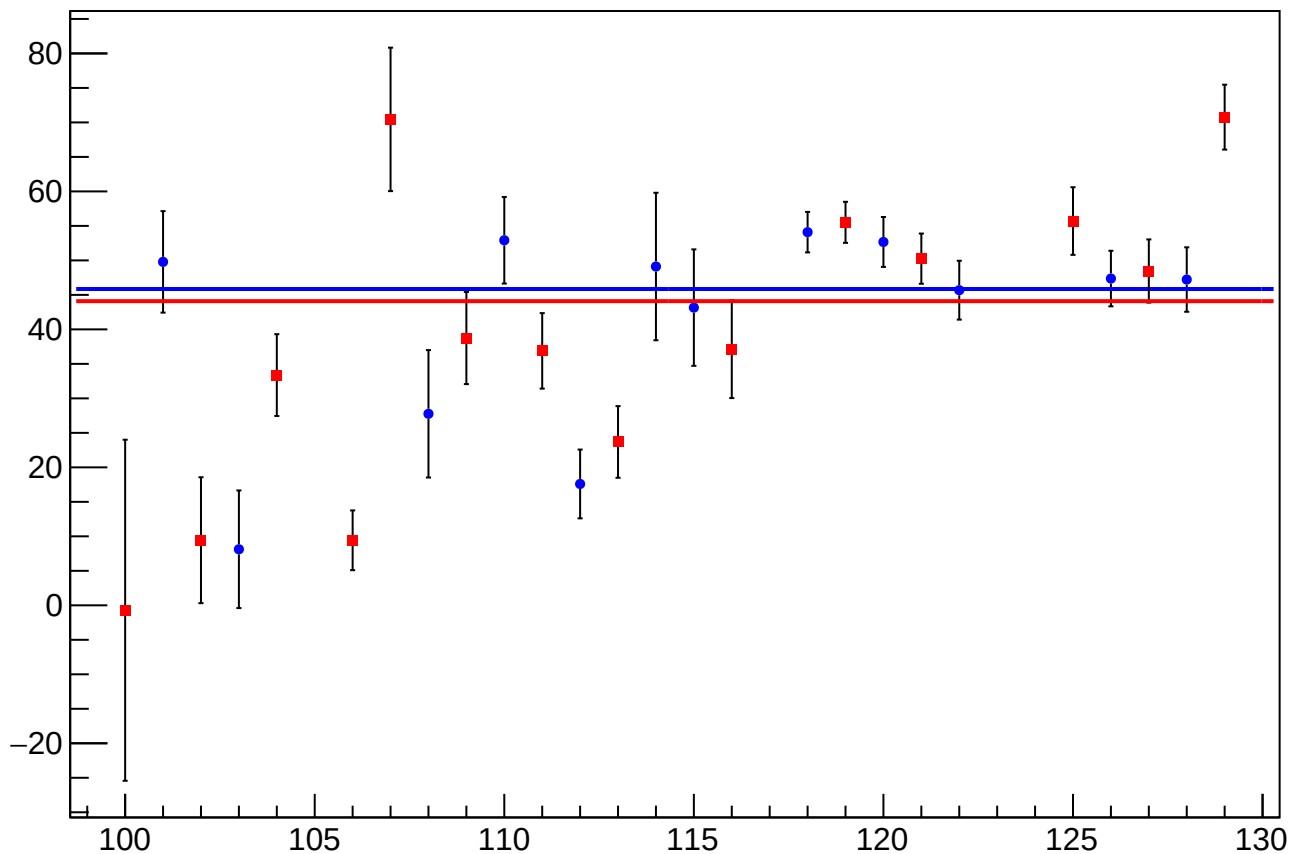
Right: 177.410+/-0.940 χ^2/NDF : 6884.8/25

In: 192.599+/-1.428 χ^2/NDF : 1616.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.410+/-0.940 χ^2/NDF : 6884.8/25

reg_asym_usl_atl2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.853+/-1.432 χ^2/NDF : 69.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

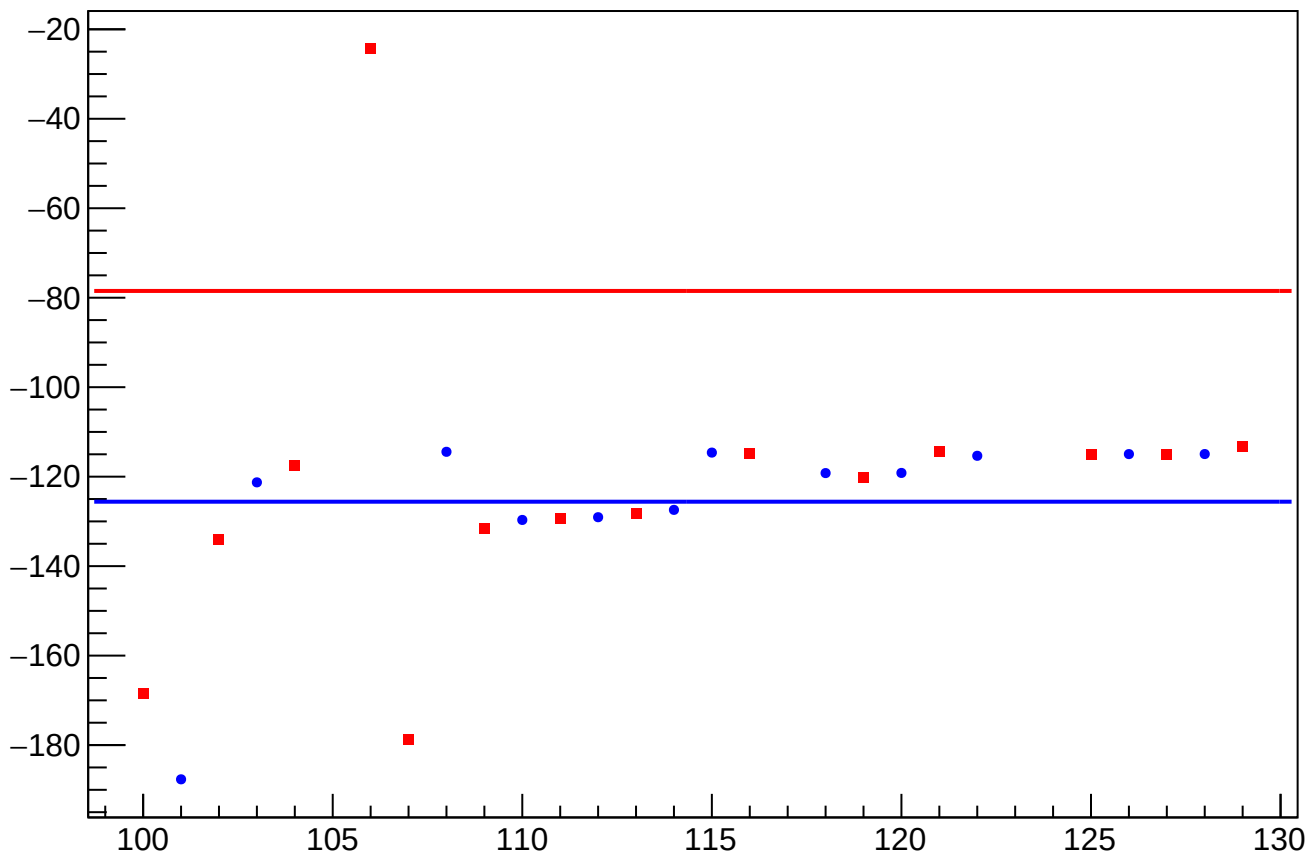
Right: 44.927+/-0.986 χ^2/NDF : 236.3/25

In: 45.853+/-1.432 χ^2/NDF : 69.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.927+/-0.986 χ^2/NDF : 236.3/25

reg_asym_usl_atl2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -125.597+/-0.098 χ^2/NDF : 41189.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

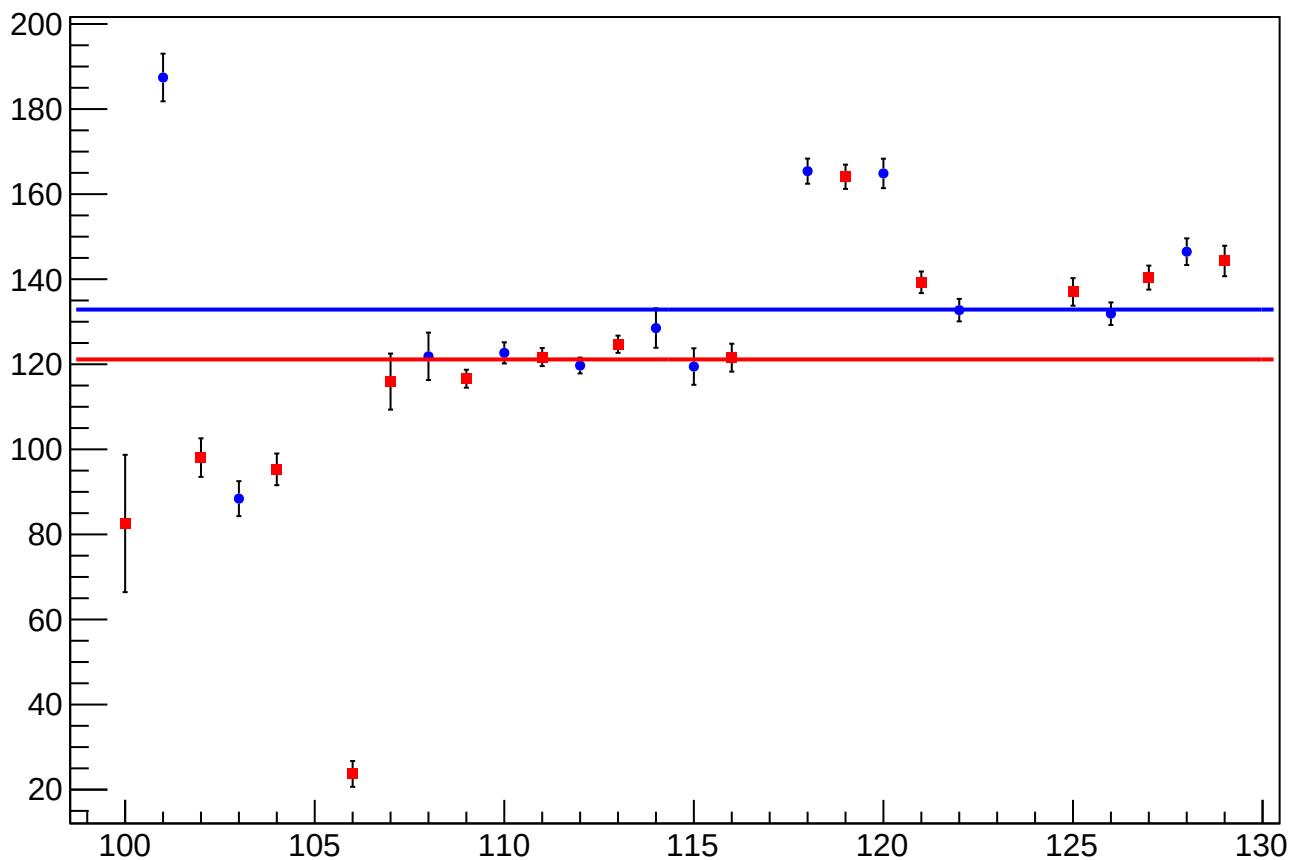
Right: -94.264+/-0.056 χ^2/NDF : 739408.7/25

In: -125.597+/-0.098 χ^2/NDF : 41189.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -94.264+/-0.056 χ^2/NDF : 739408.7/25

reg_asym_usl_atl2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 132.863 $\pm$ 0.892 χ^2/NDF : 518.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 121.142 $\pm$ 0.786 χ^2/NDF : 1511.0/13

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

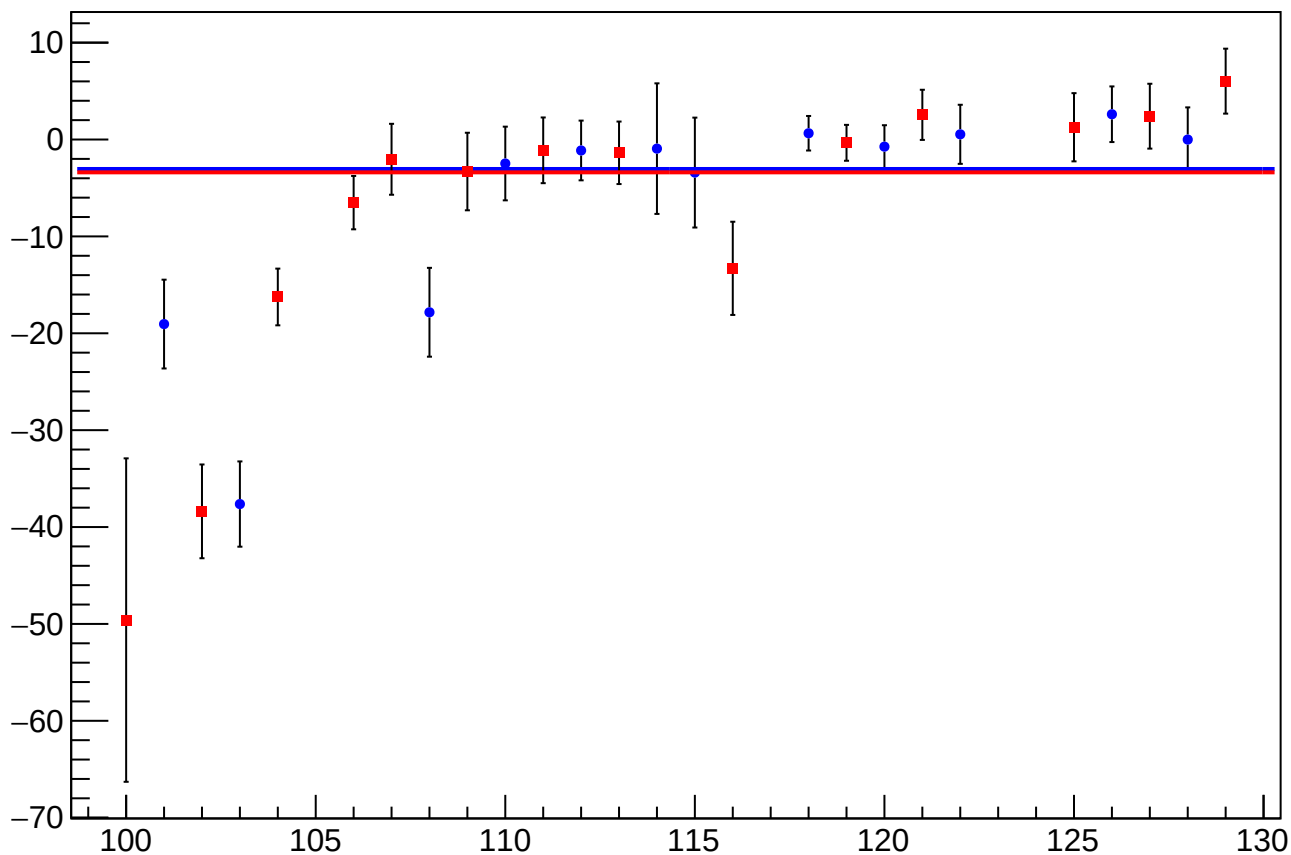
Right: 126.269 $\pm$ 0.590 χ^2/NDF : 2126.4/25

In: 132.863 $\pm$ 0.892 χ^2/NDF : 518.2/11

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 126.269 $\pm$ 0.590 χ^2/NDF : 2126.4/25

reg_asym_usl_atl2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.041+/-0.908 χ^2 /NDF: 96.3/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -3.387+/-0.858 χ^2 /NDF: 106.4/13

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

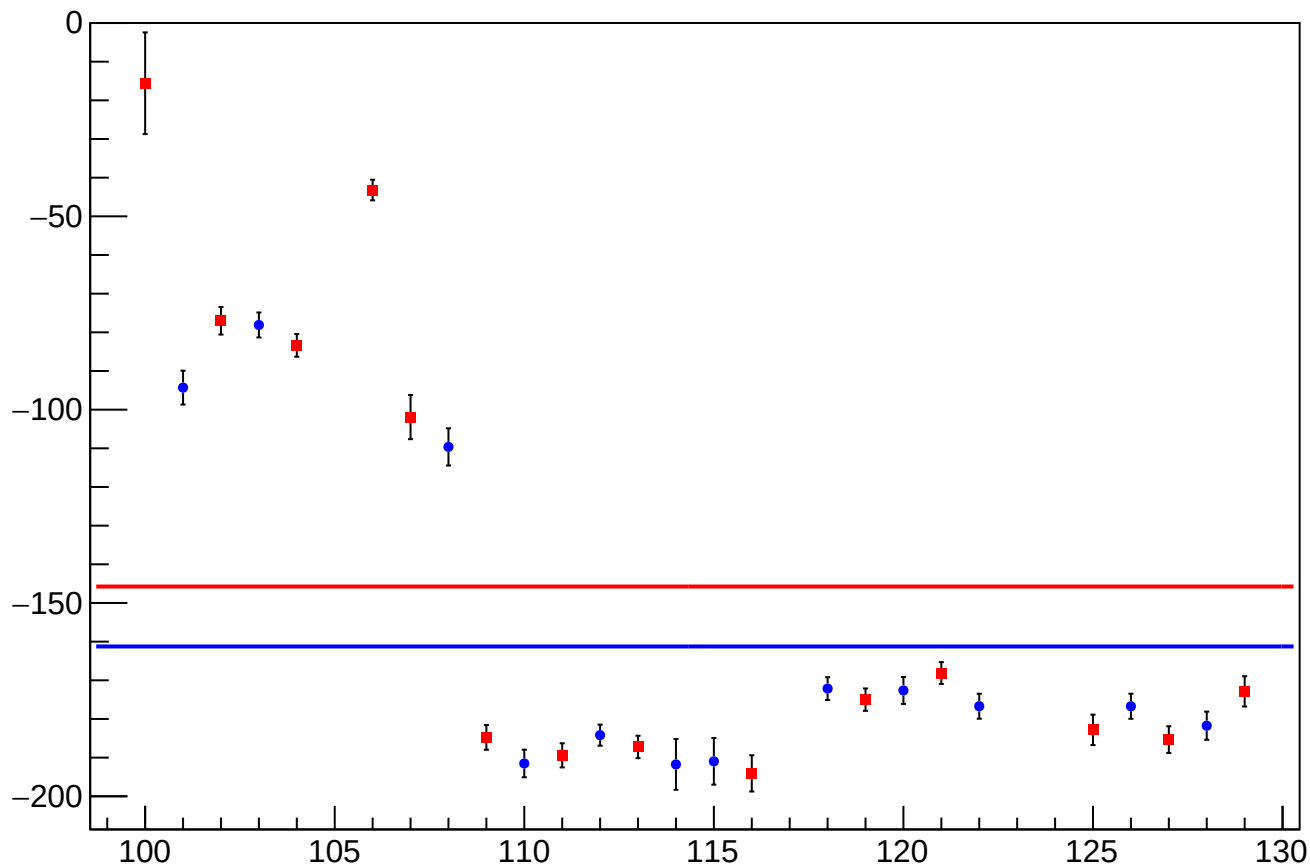
Right: -3.224+/-0.624 χ^2 /NDF: 202.8/25

In: -3.041+/-0.908 χ^2 /NDF:96.3/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -3.224+/-0.624 χ^2 /NDF: 202.8/25

reg_asym_usl_atl2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -161.246+/-1.043 χ^2/NDF : 1301.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

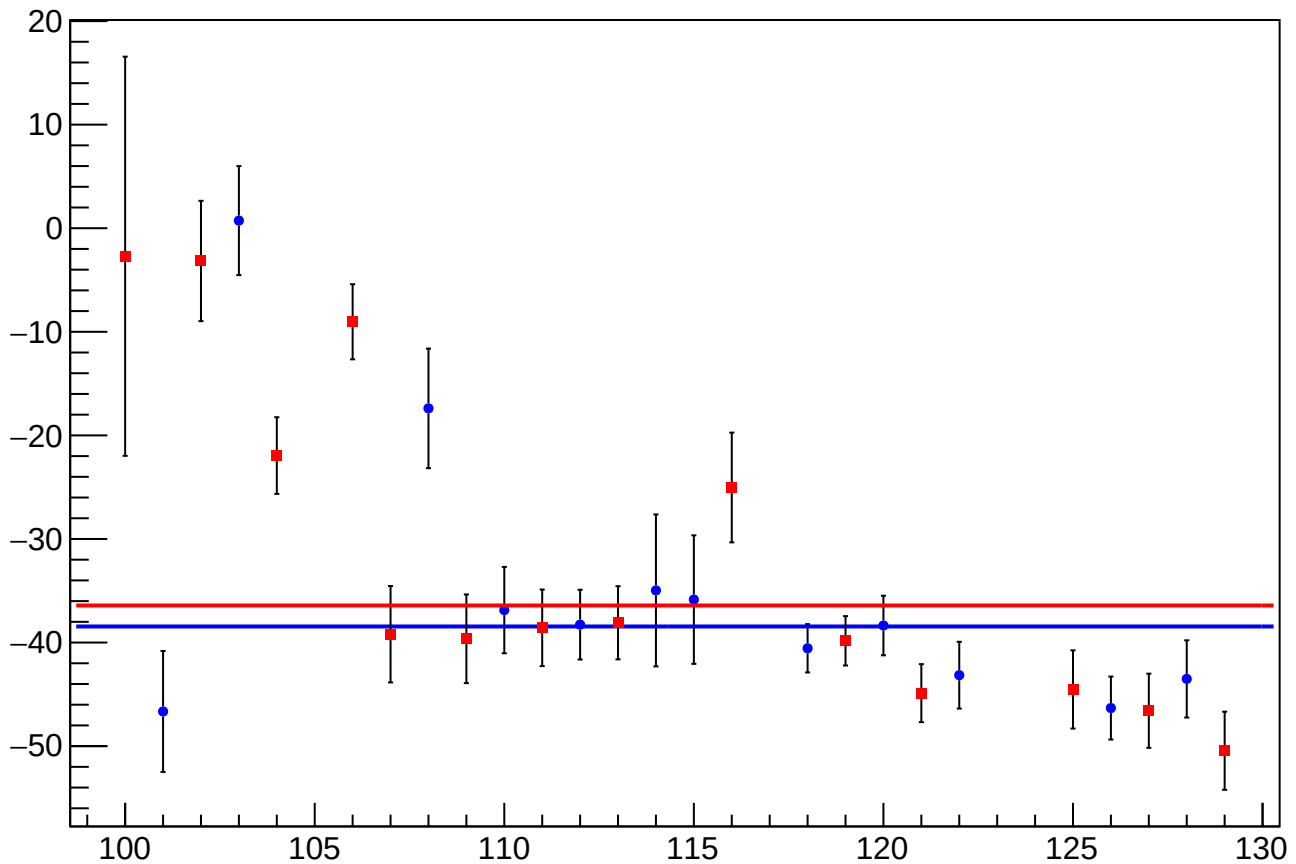
Right: -152.483+/-0.688 χ^2/NDF : 4979.1/25

In: -161.246+/-1.043 χ^2/NDF : 1301.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -152.483+/-0.688 χ^2/NDF : 4979.1/25

reg_asym_usl_atl2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -38.448+/-1.074 χ^2/NDF : 82.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

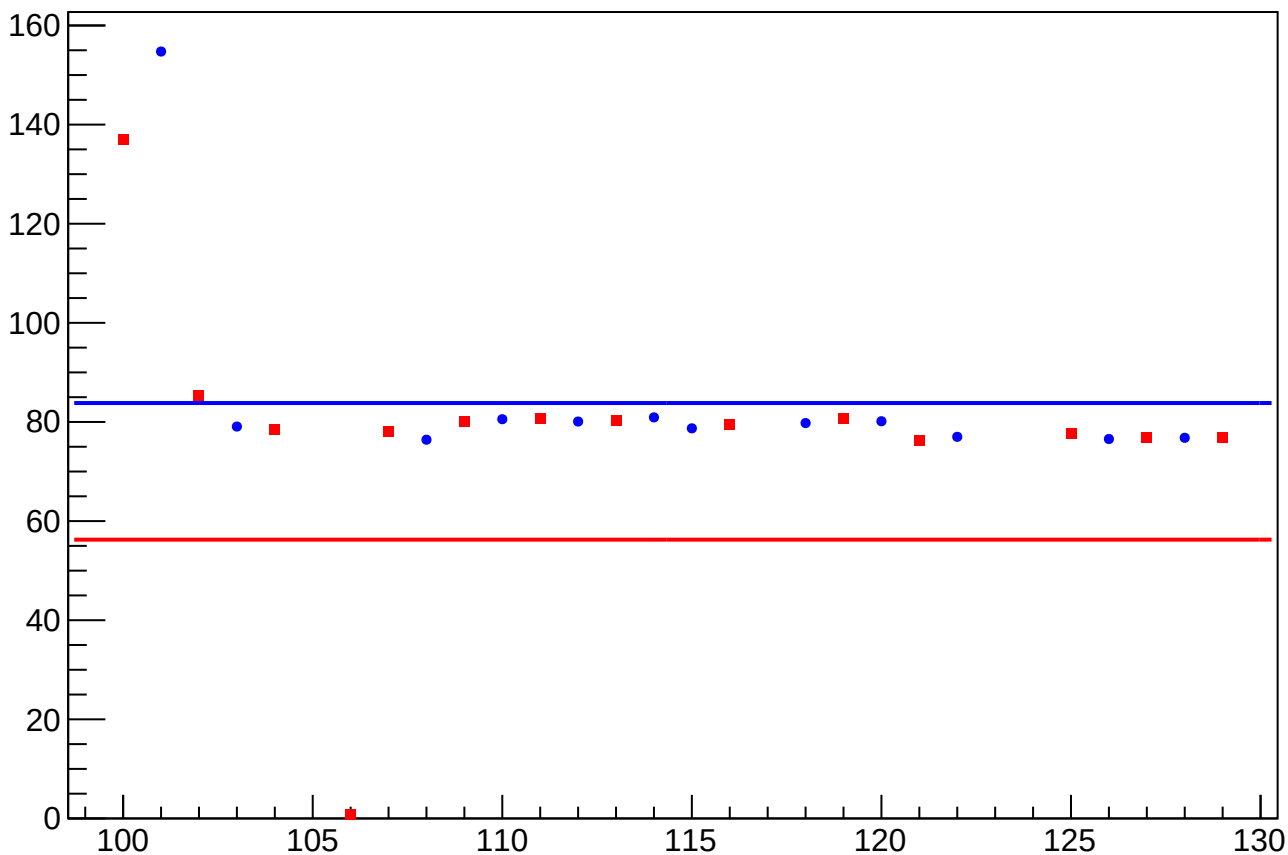
Right: -37.367+/-0.733 χ^2/NDF : 236.7/25

In: -38.448+/-1.074 χ^2/NDF : 82.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.367+/-0.733 χ^2/NDF : 236.7/25

reg_asym_usl_atl2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 83.820+/-0.069 χ^2/NDF : 79179.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

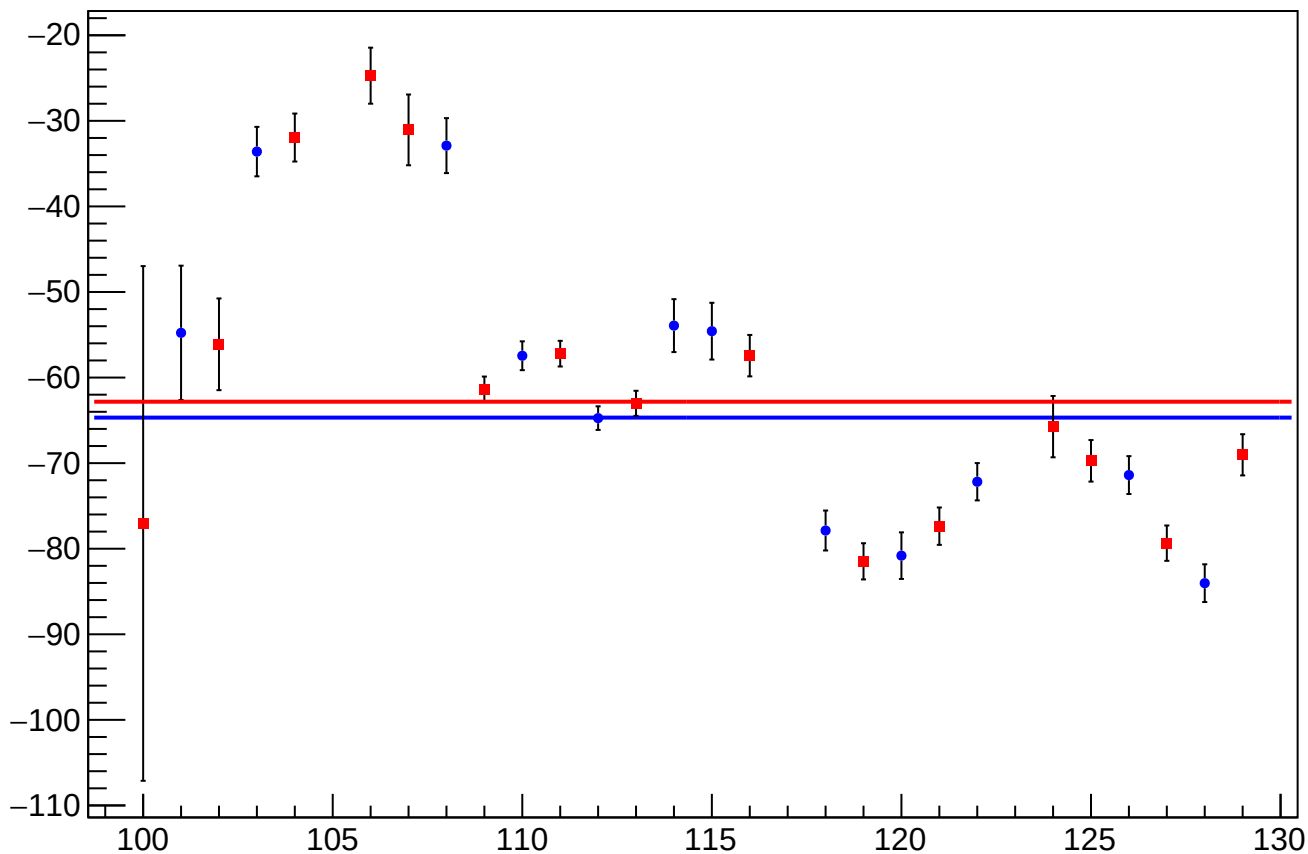
Right: 66.597+/-0.042 χ^2/NDF : 663466.4/25

In: 83.820+/-0.069 χ^2/NDF : 79179.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.597+/-0.042 χ^2/NDF : 663466.4/25

reg_asym_usr_atr1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -64.679+/-0.667 χ^2/NDF : 420.1/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -62.821+/-0.582 χ^2/NDF : 539.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

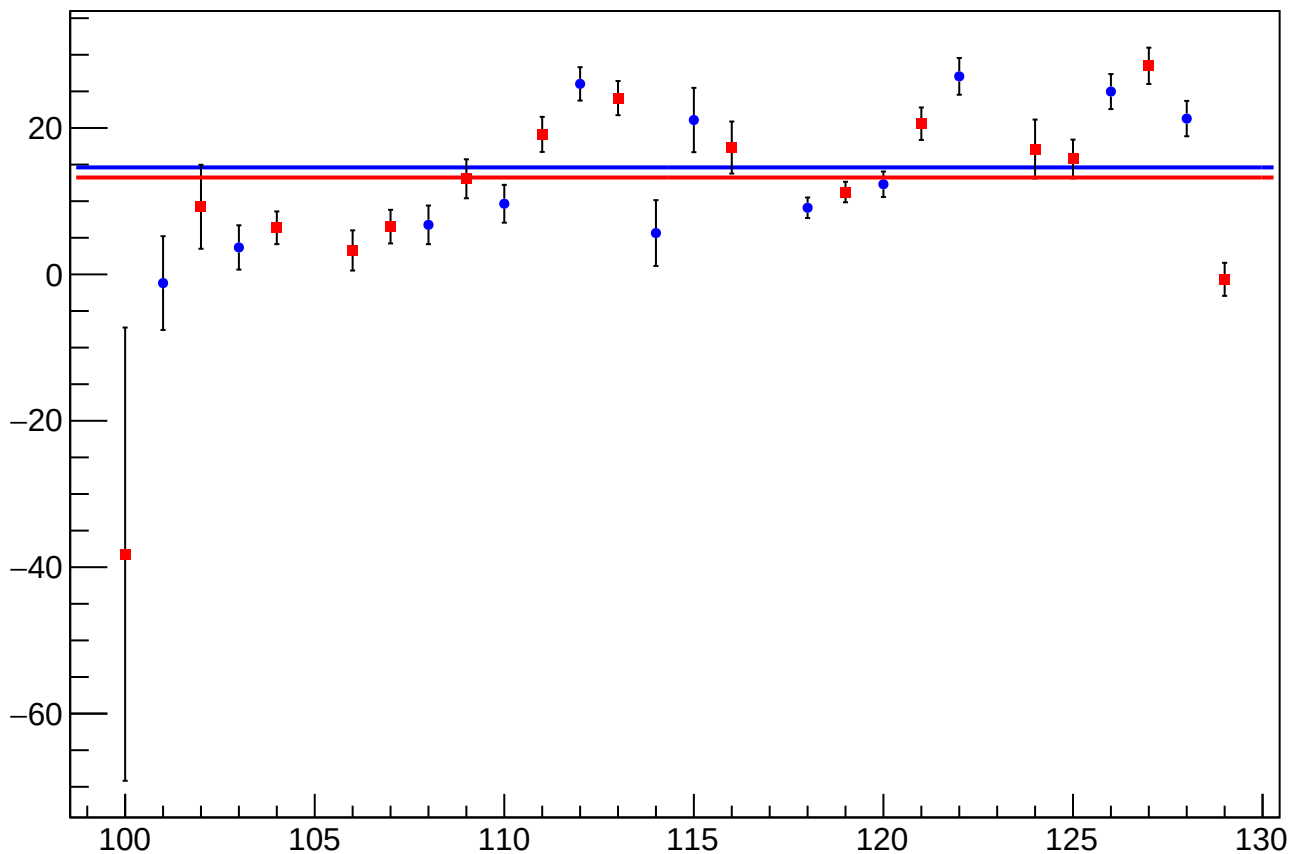
Right: -63.624+/-0.439 χ^2/NDF : 963.8/26

In: -64.679+/-0.667 χ^2/NDF :420.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -63.624+/-0.439 χ^2/NDF : 963.8/26

reg_asym_usr_atr1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.614+/-0.696 χ^2/NDF : 131.0/11

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

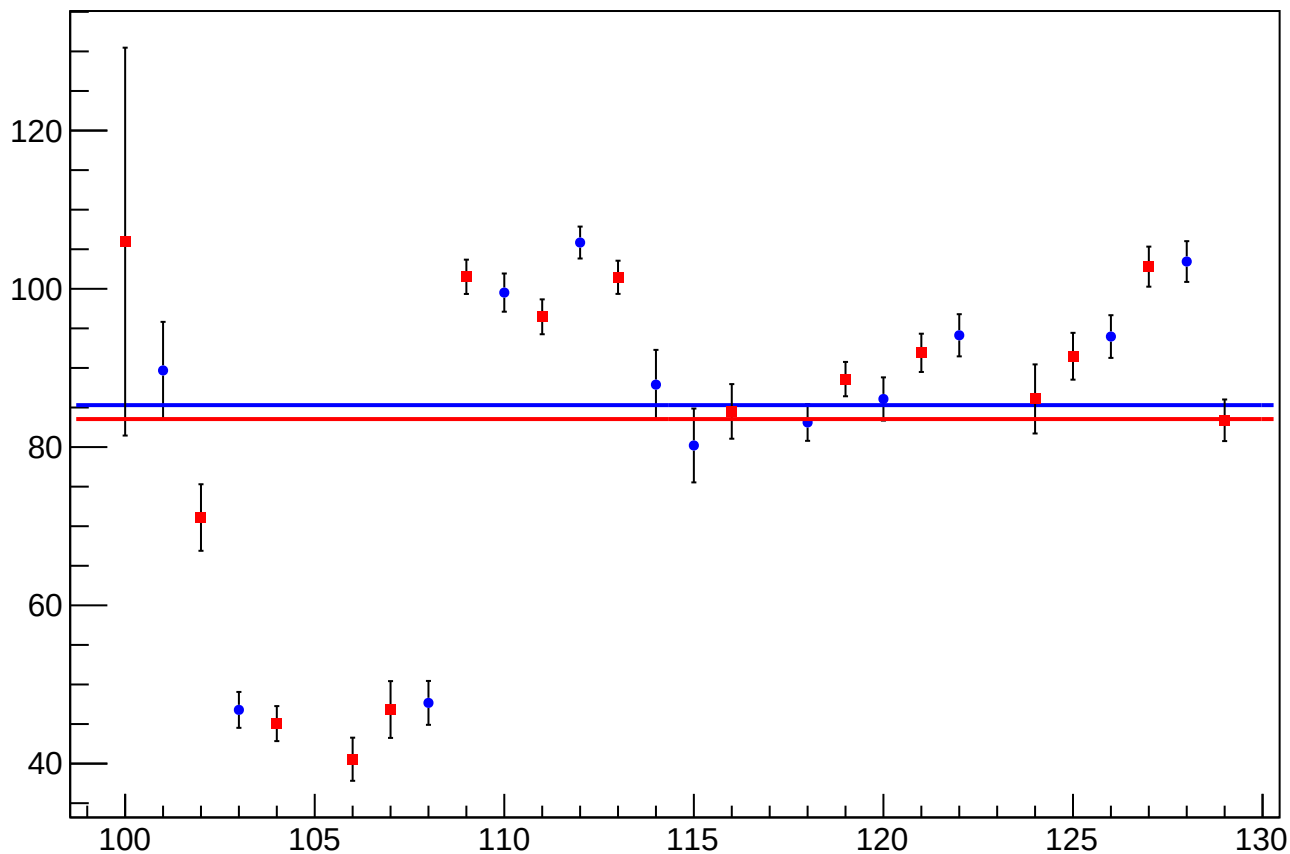
Right: 13.872+/-0.473 χ^2/NDF : 287.1/26

In: 14.614+/-0.696 χ^2/NDF : 131.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.872+/-0.473 χ^2/NDF : 287.1/26

reg_asym_usr_atr1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 85.301+/-0.787 χ^2/NDF : 684.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.540+/-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

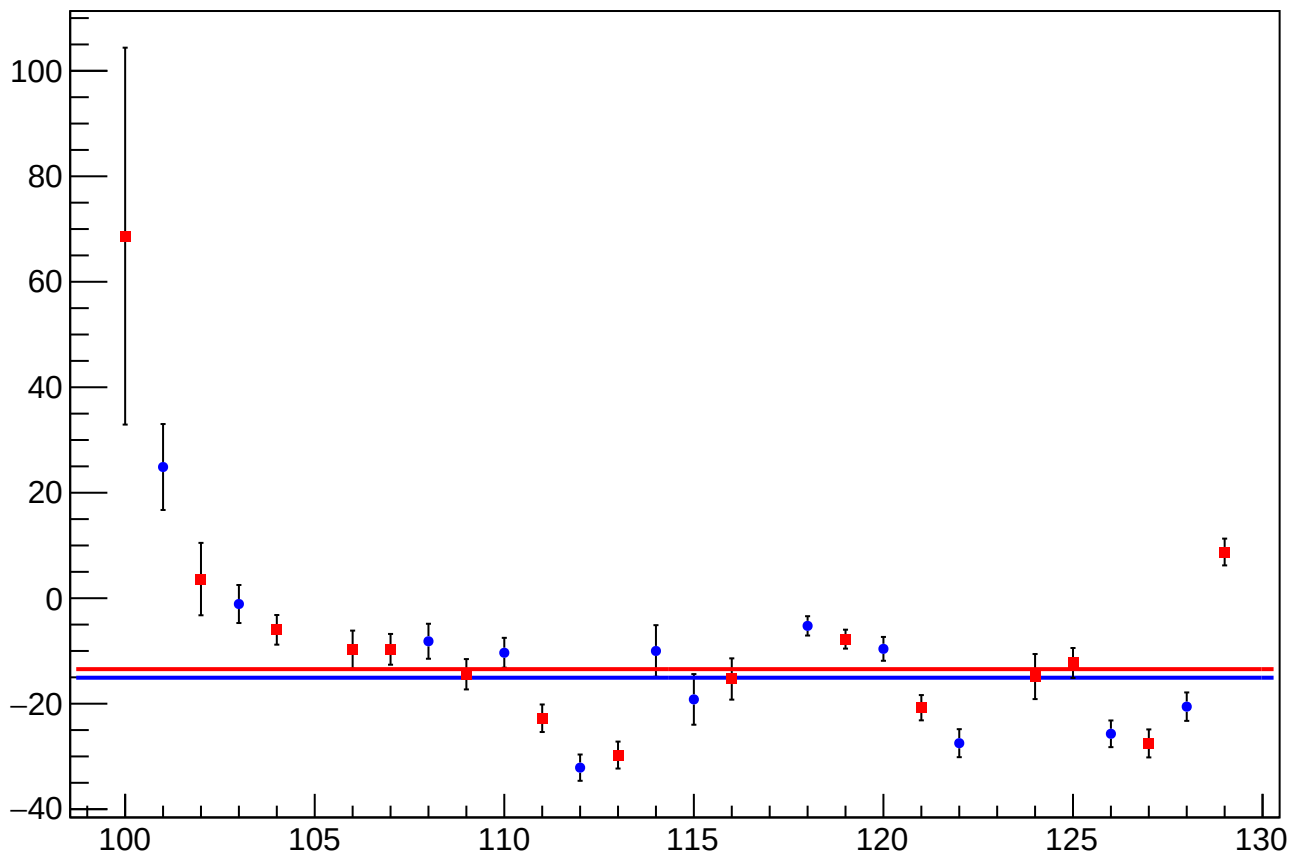
Right: 84.314+/-0.522 χ^2/NDF : 1612.2/26

In: 85.301+/-0.787 χ^2/NDF : 684.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.314+/-0.522 χ^2/NDF : 1612.2/26

reg_asym_usr_atr1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -15.074+/-0.821 χ^2/NDF : 173.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.447+/-0.748 χ^2/NDF : 199.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

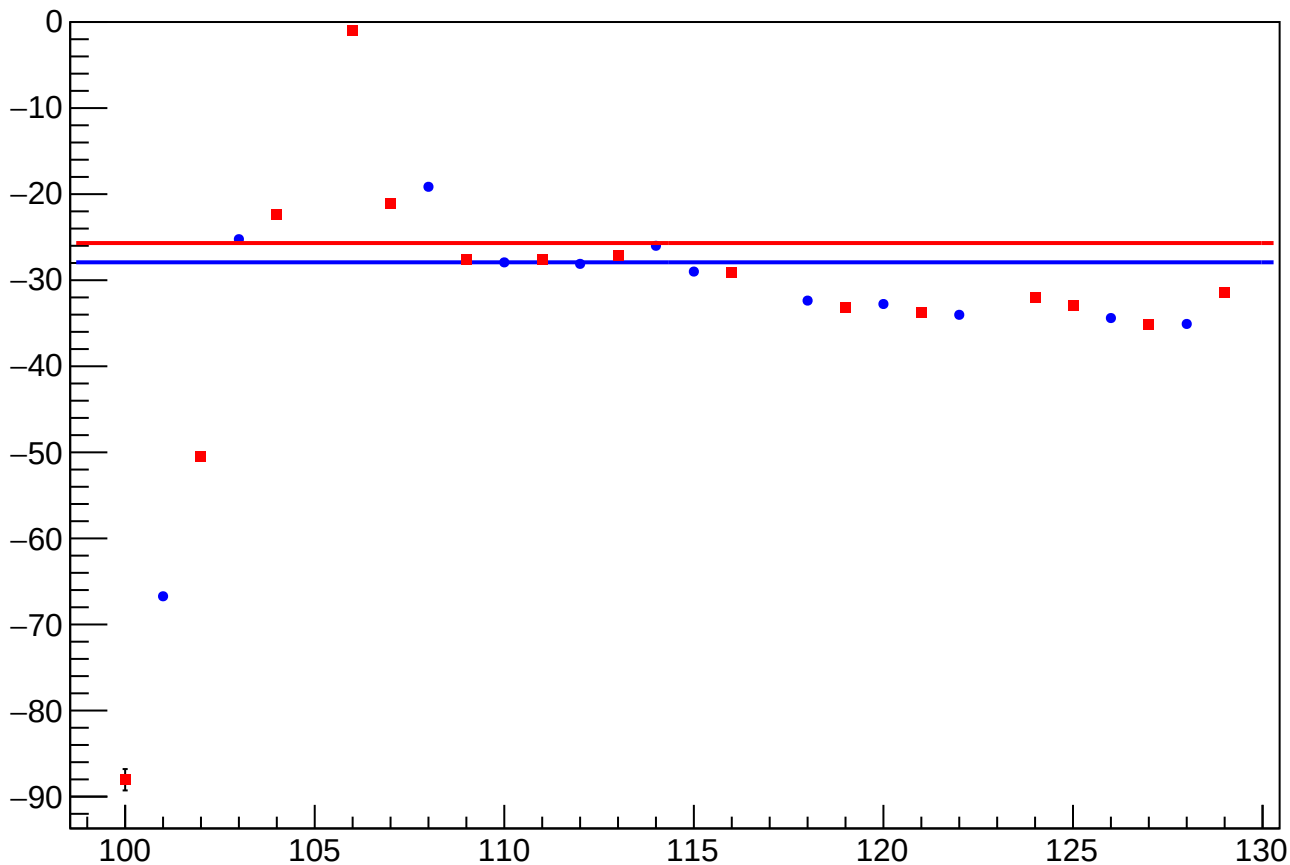
Right: -14.184+/-0.553 χ^2/NDF : 374.4/26

In: -15.074+/-0.821 χ^2/NDF : 173.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.184+/-0.553 χ^2/NDF : 374.4/26

reg_asym_usr_atr1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -27.920 ± 0.050 $\chi^2/\text{NDF}: 22392.5/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -25.682 ± 0.045 $\chi^2/\text{NDF}: 69889.2/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

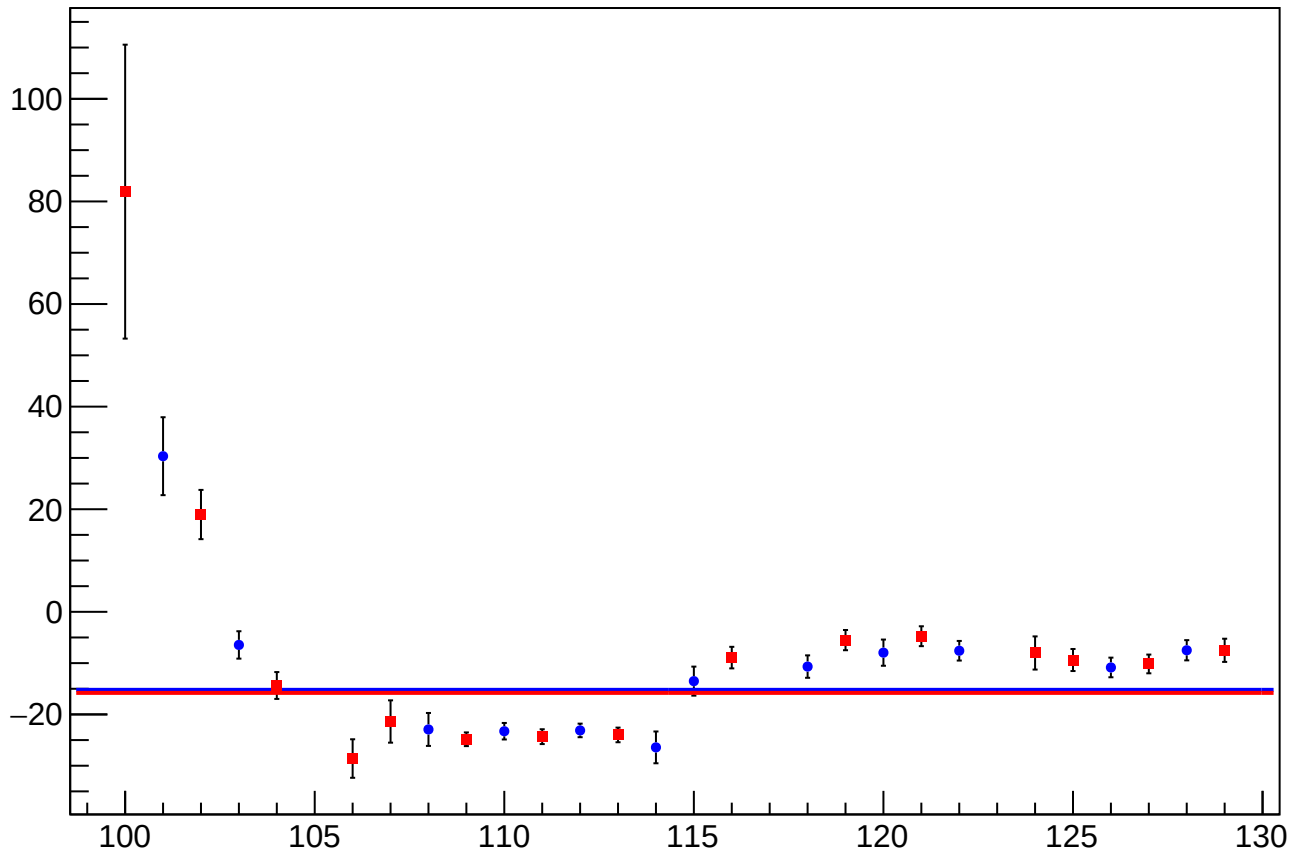
Right: -26.685 ± 0.033 $\chi^2/\text{NDF}: 93388.8/26$

In: -27.920 ± 0.050 $\chi^2/\text{NDF}: 22392.5/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -26.685 ± 0.033 $\chi^2/\text{NDF}: 93388.8/26$

reg_asym_usr_atr1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -15.209+/-0.619 χ^2/NDF : 175.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

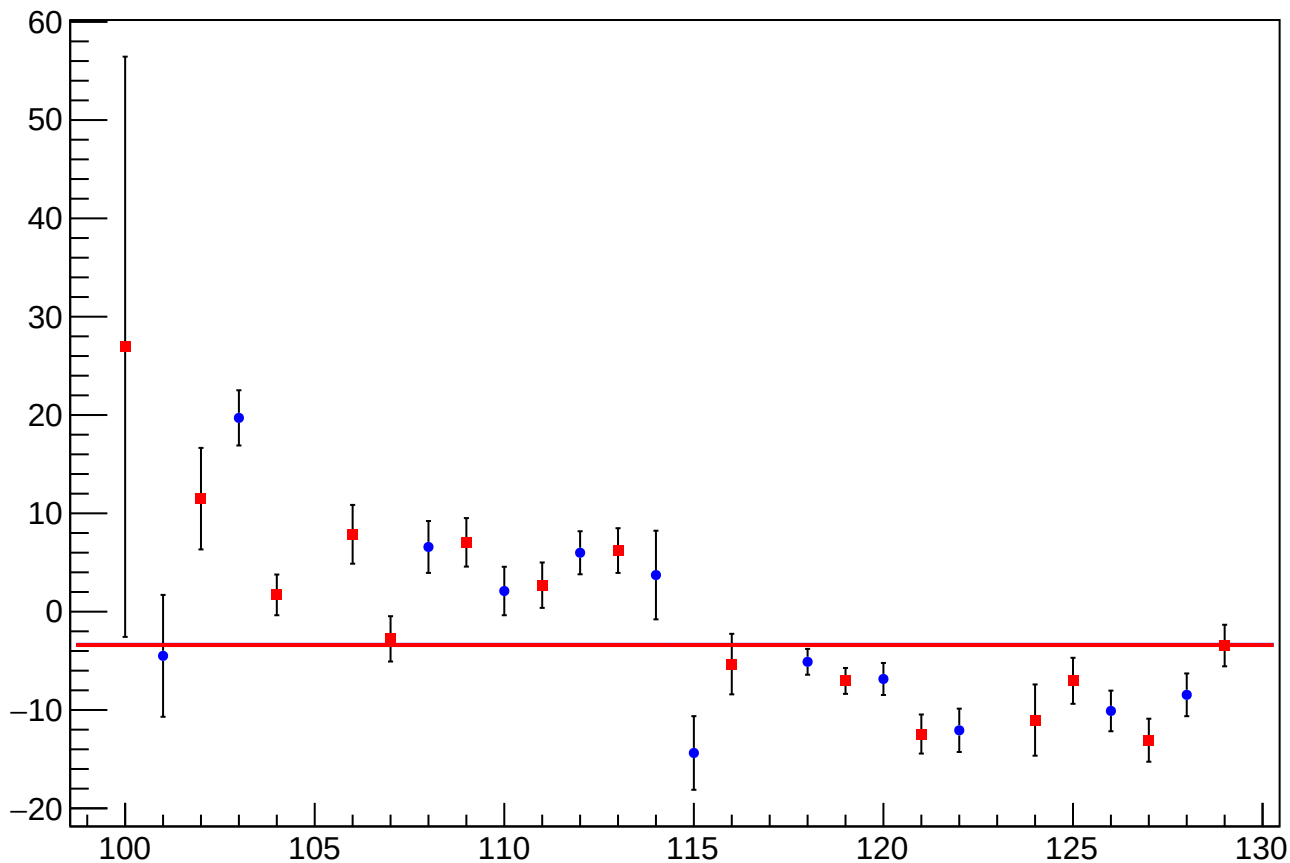
Right: -15.544+/-0.408 χ^2/NDF : 475.9/26

In: -15.209+/-0.619 χ^2/NDF :175.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -15.544+/-0.408 χ^2/NDF : 475.9/26

reg_asym_usr_atr1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.374+/-0.646 χ^2 /NDF: 154.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -3.395+/-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

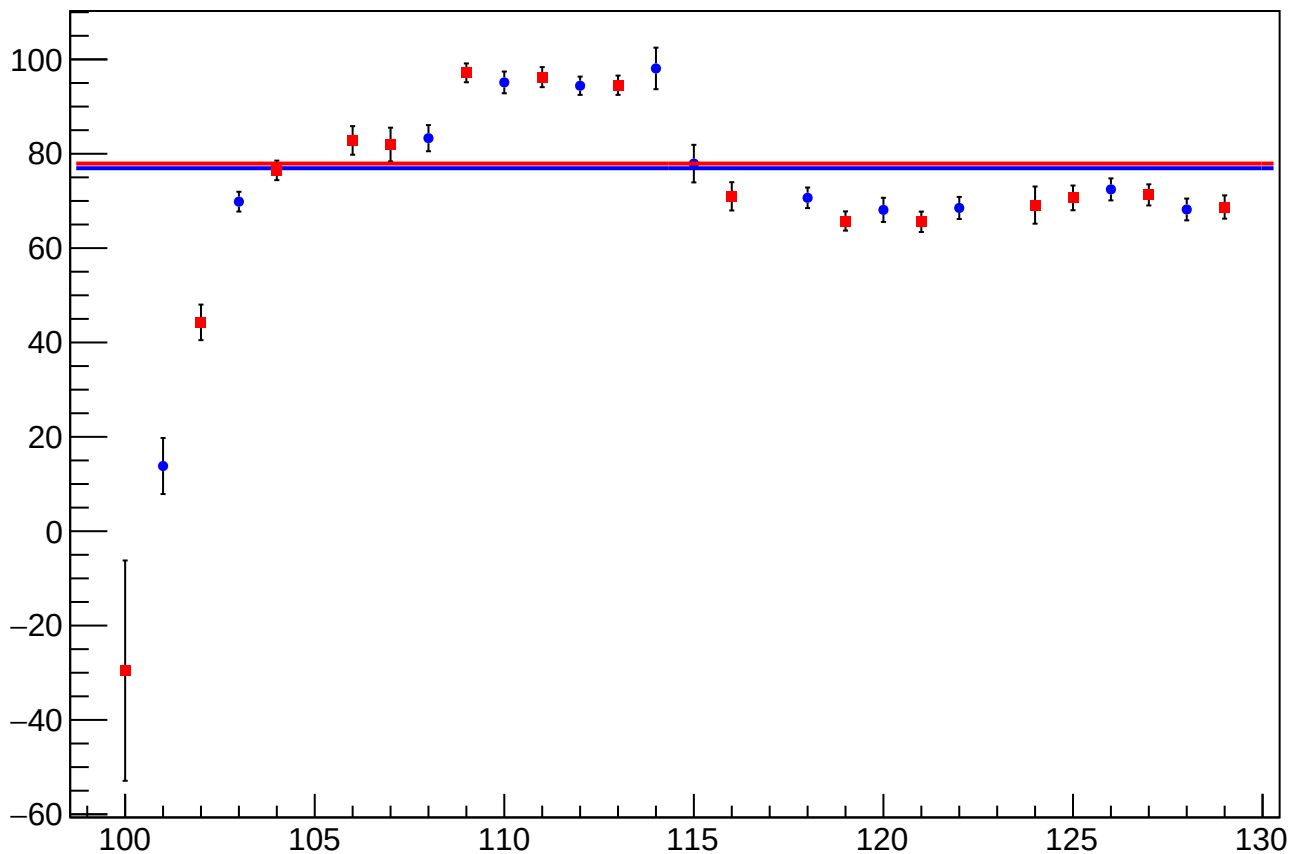
Right: -3.385+/-0.441 χ^2 /NDF: 281.7/26

In: -3.374+/-0.646 χ^2 /NDF:154.0/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -3.385+/-0.441 χ^2 /NDF: 281.7/26

reg_asym_usr_atr1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.931+/-0.731 χ^2 /NDF: 347.7/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 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

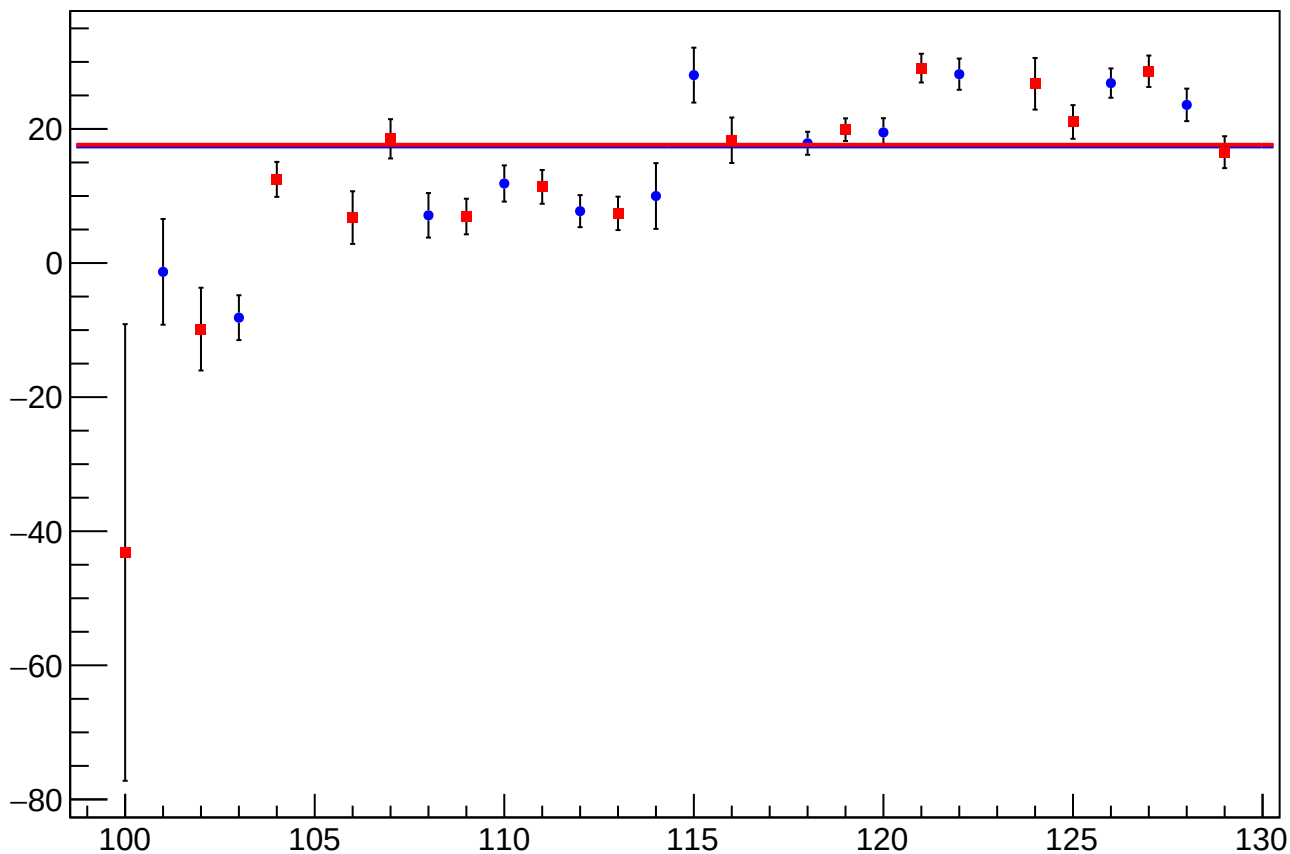
Right: 77.483+/-0.487 χ^2 /NDF: 796.5/26

In: 76.931+/-0.731 χ^2 /NDF:347.7/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 77.483+/-0.487 χ^2 /NDF: 796.5/26

reg_asym_usr_atr1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 17.395+/-0.759 χ^2 /NDF: 150.7/11

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

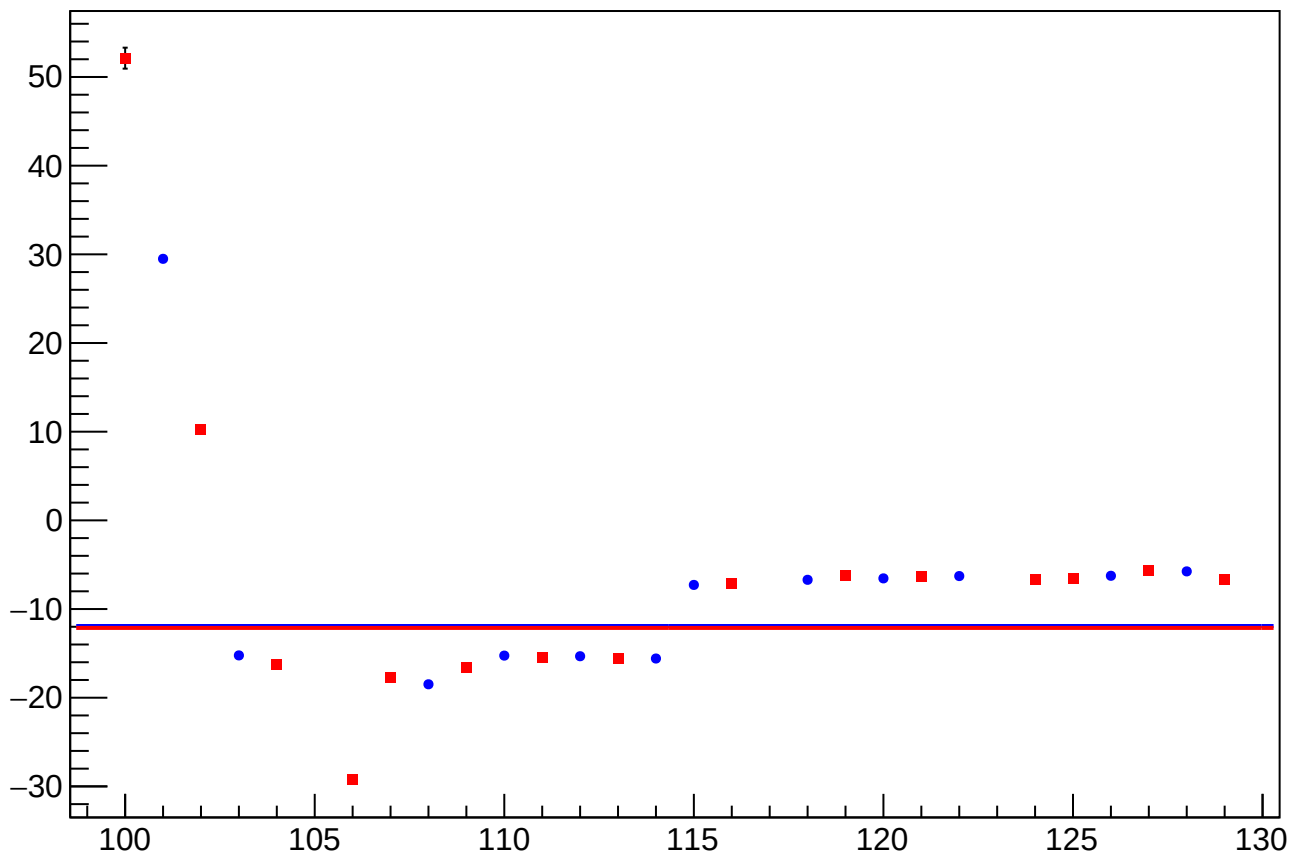
Right: 17.527+/-0.514 χ^2 /NDF: 284.6/26

In: 17.395+/-0.759 χ^2 /NDF:150.7/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 17.527+/-0.514 χ^2 /NDF: 284.6/26

reg_asym_usr_atr1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -11.914+/-0.047 χ^2/NDF : 24515.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.130+/-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

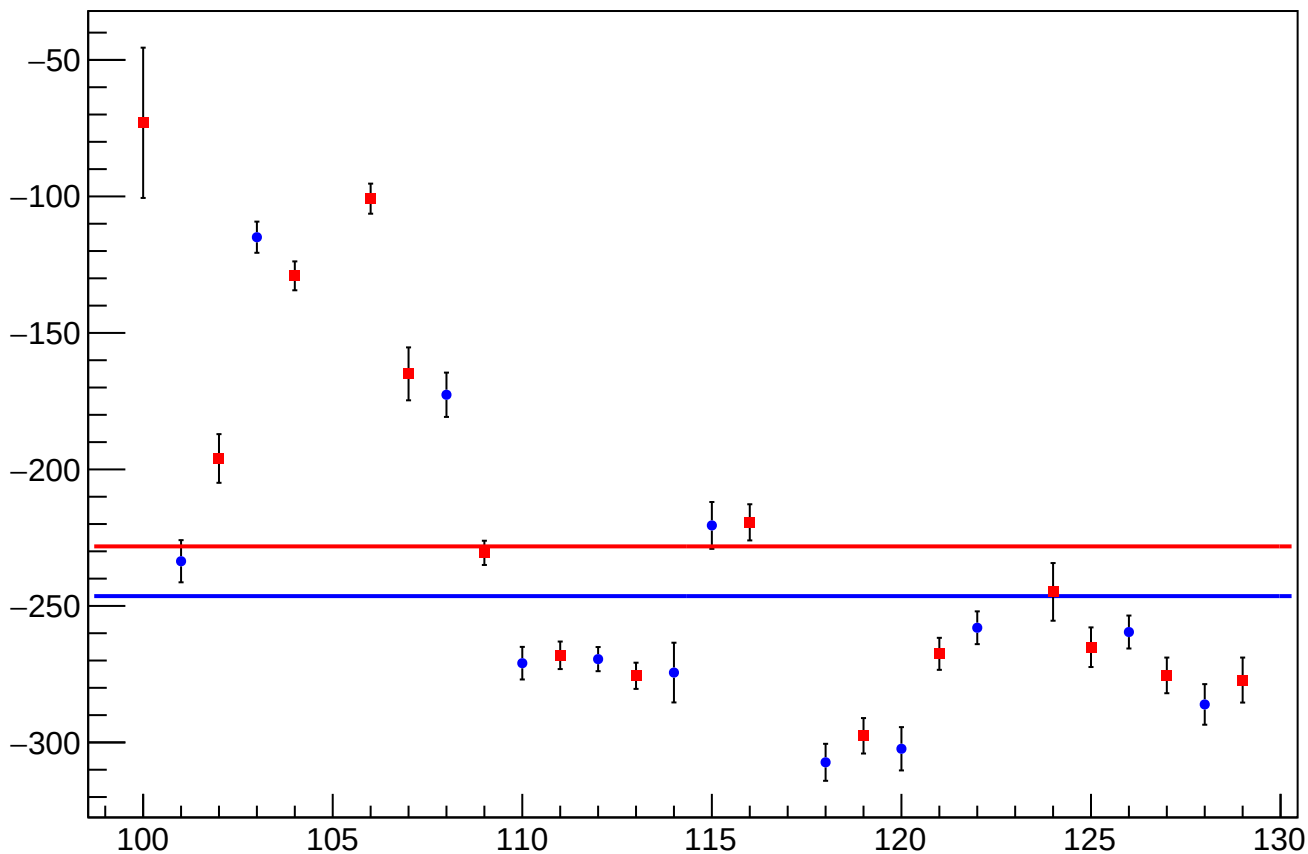
Right: -12.031+/-0.032 χ^2/NDF : 71031.6/26

In: -11.914+/-0.047 χ^2/NDF : 24515.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.031+/-0.032 χ^2/NDF : 71031.6/26

reg_asym_usr_atr2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -246.406+/-1.908 χ^2/NDF : 842.9/11

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

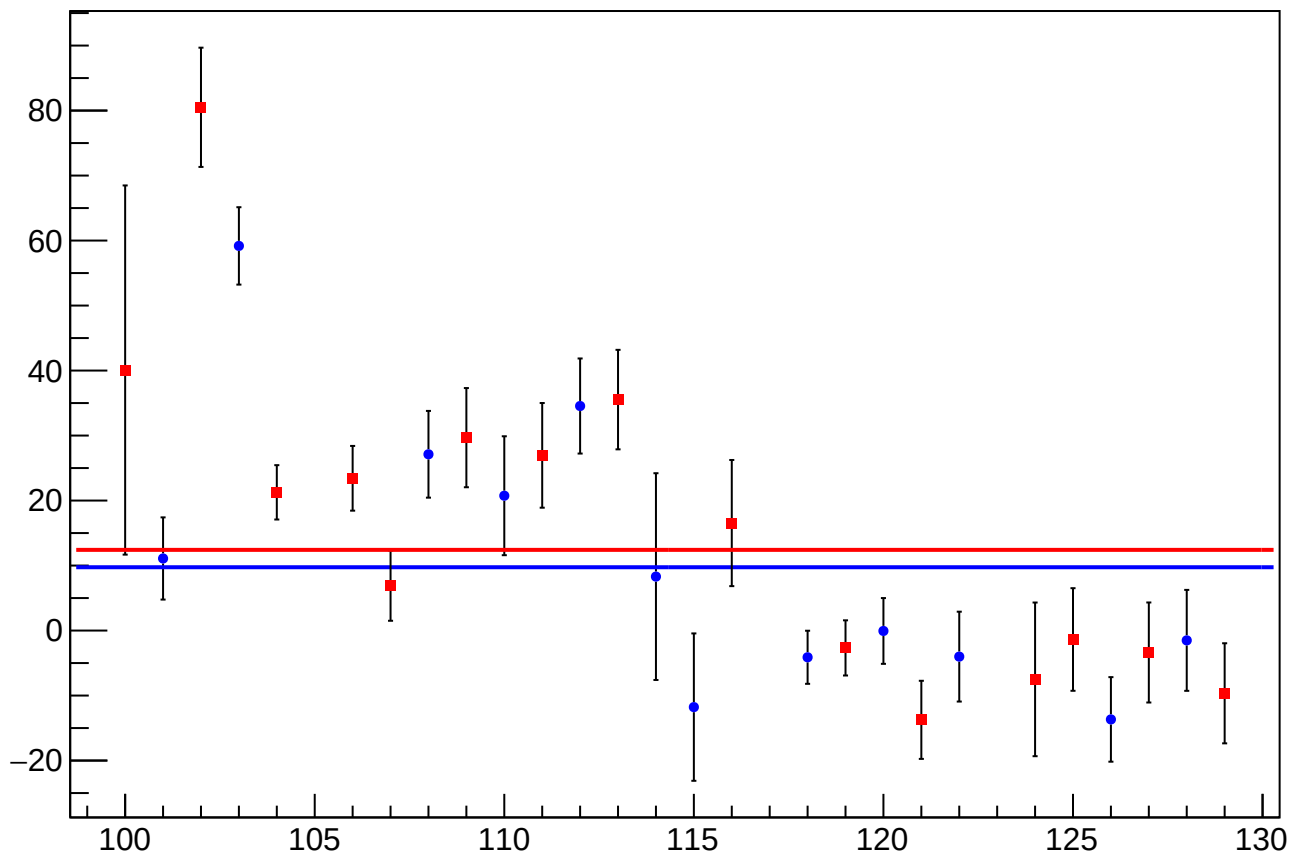
Right: -235.973+/-1.247 χ^2/NDF : 2304.9/26

In: -246.406+/-1.908 χ^2/NDF :842.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -235.973+/-1.247 χ^2/NDF : 2304.9/26

reg_asym_usr_atr2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.741+/-1.896 χ^2/NDF : 126.6/11

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

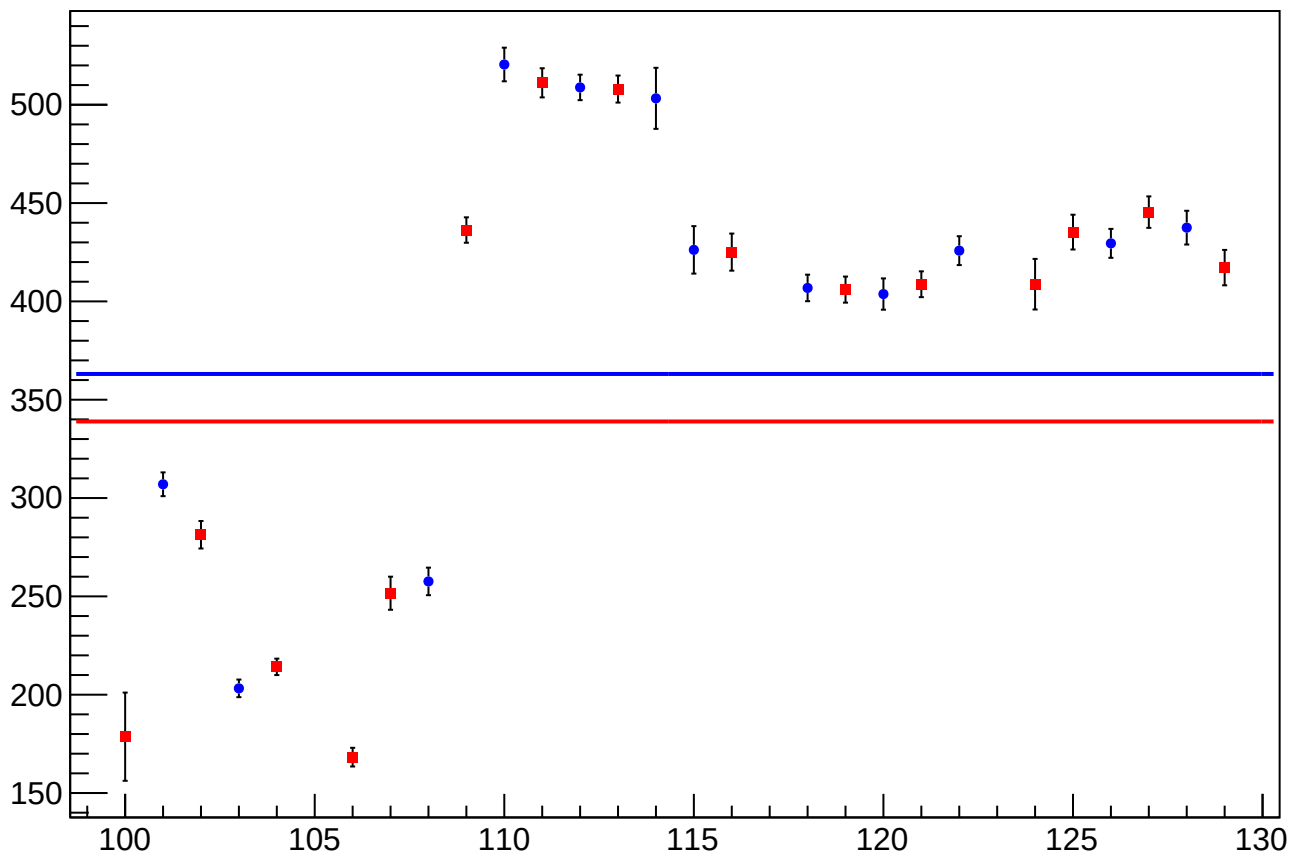
Right: 11.221+/-1.266 χ^2/NDF : 261.7/26

In: 9.741+/-1.896 χ^2/NDF : 126.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.221+/-1.266 χ^2/NDF : 261.7/26

reg_asym_usr_atr2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 363.098+/-2.065 χ^2/NDF : 2837.4/11

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

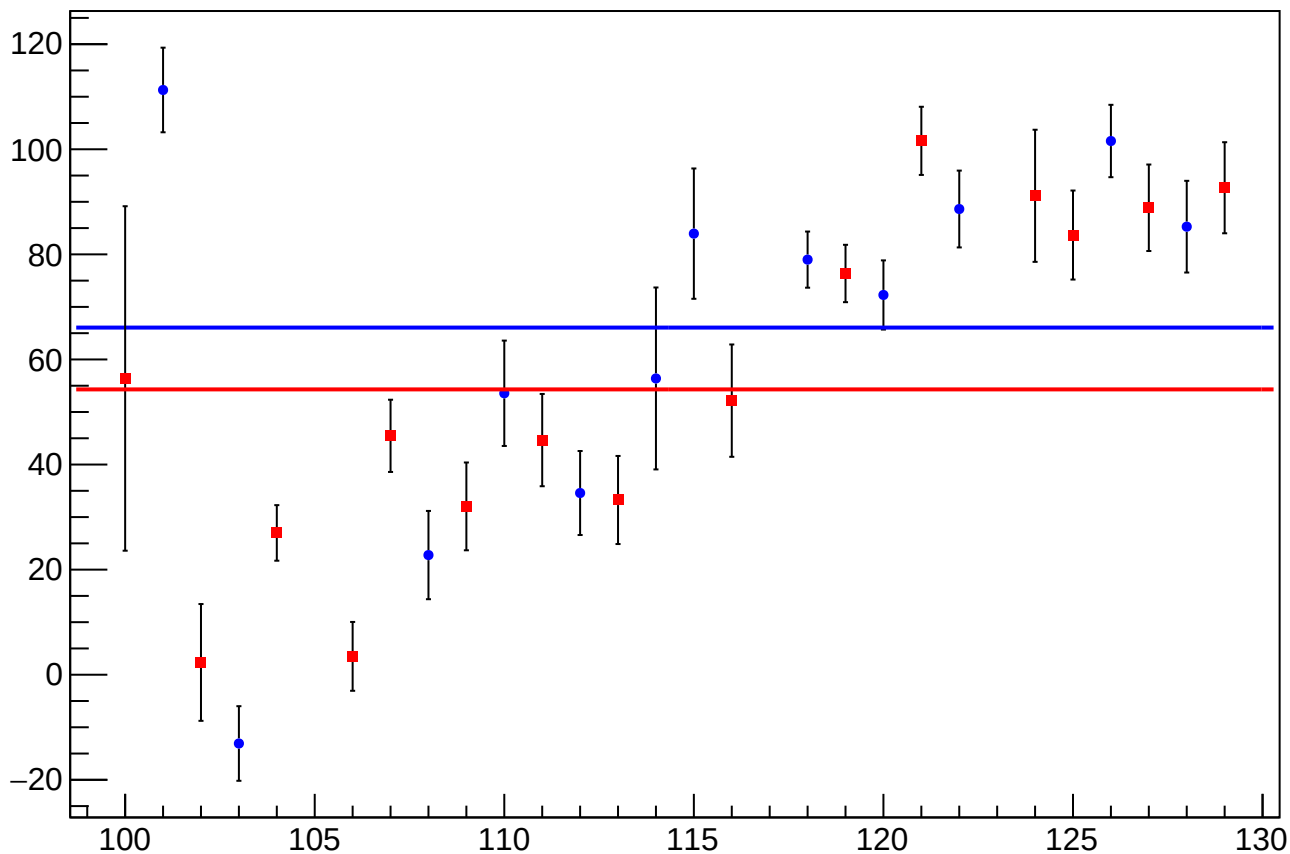
Right: 349.427+/-1.361 χ^2/NDF : 7394.4/26

In: 363.098+/-2.065 χ^2/NDF : 2837.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 349.427+/-1.361 χ^2/NDF : 7394.4/26

reg_asym_usr_atr2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 66.067 $\pm$ 2.259 χ^2 /NDF: 249.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 54.301 $\pm$ 2.019 χ^2 /NDF: 252.4/14

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

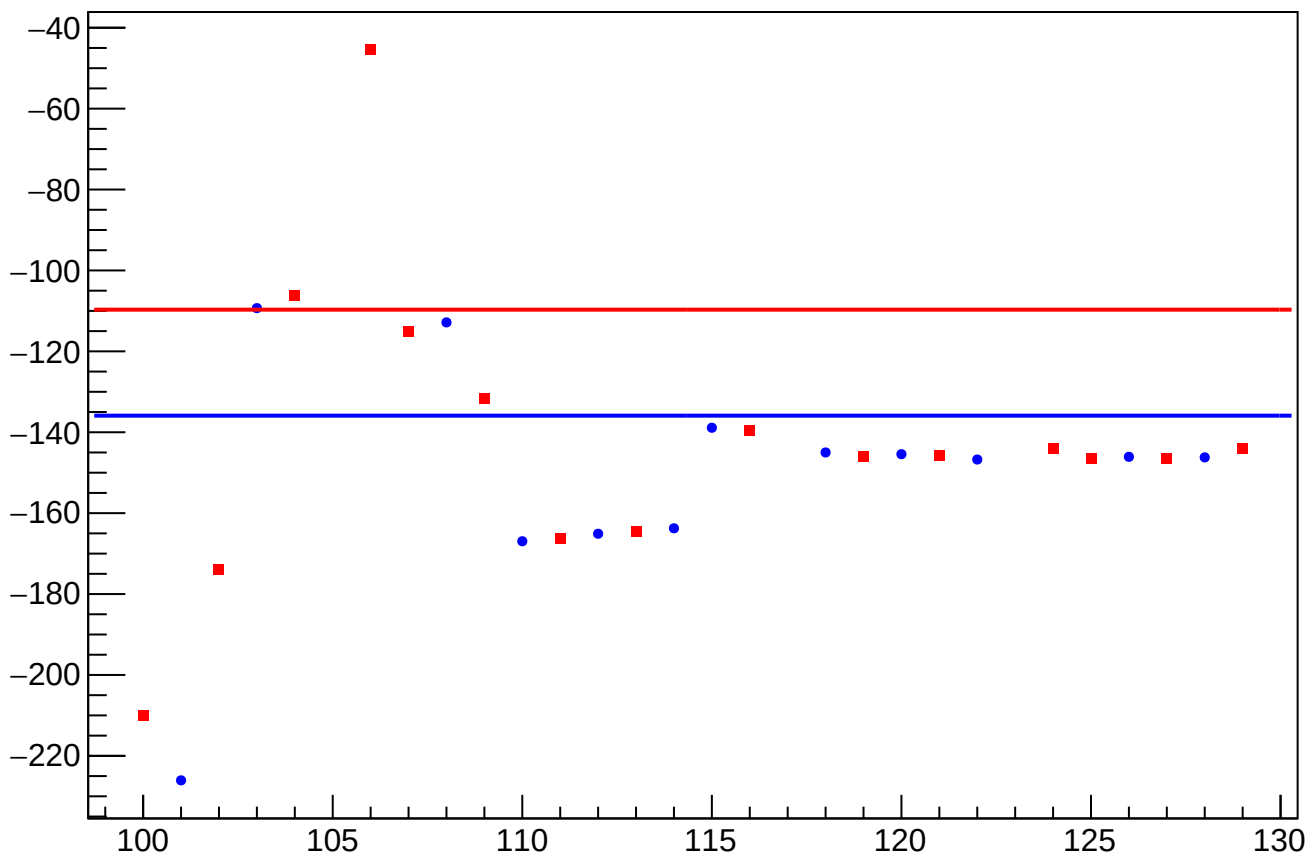
Right: 59.526 $\pm$ 1.506 χ^2 /NDF: 517.0/26

In: 66.067 $\pm$ 2.259 χ^2 /NDF:249.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 59.526 $\pm$ 1.506 χ^2 /NDF: 517.0/26

reg_asym_usr_atr2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -135.898+/-0.119 χ^2/NDF : 96229.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -109.696+/-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

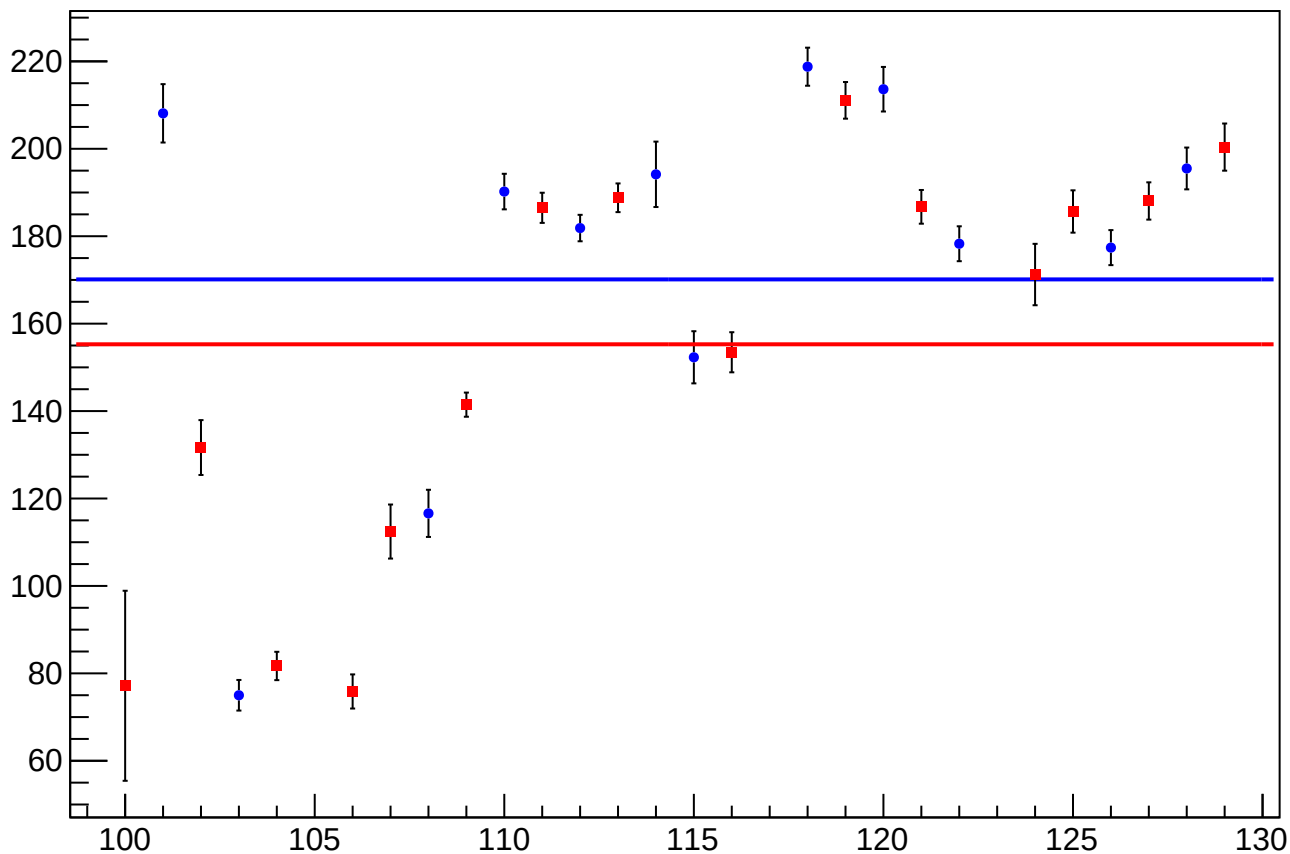
Right: -120.461+/-0.076 χ^2/NDF : 336903.4/26

In: -135.898+/-0.119 χ^2/NDF : 96229.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -120.461+/-0.076 χ^2/NDF : 336903.4/26

reg_asym_usr_atr2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 170.121+/-1.276 χ^2/NDF : 1160.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

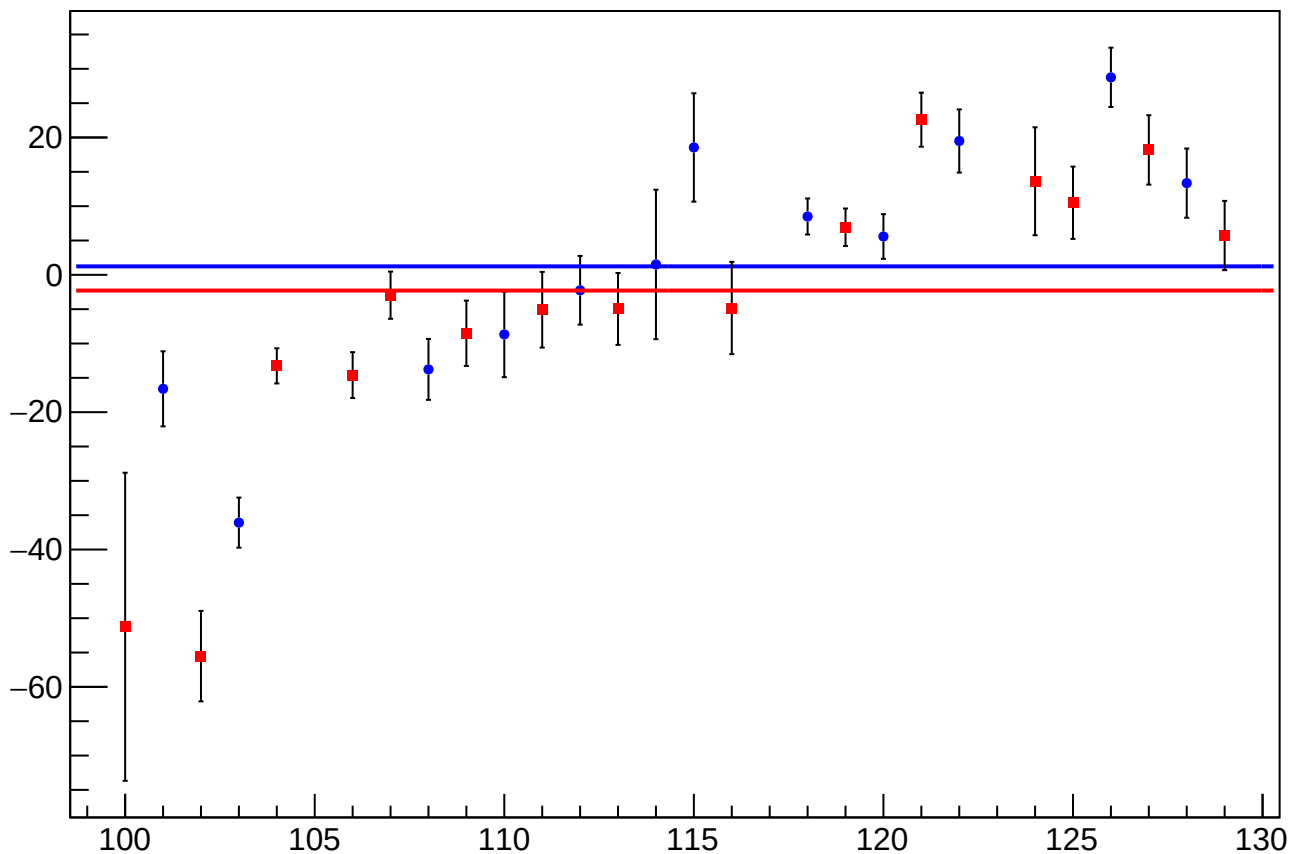
Right: 161.518+/-0.827 χ^2/NDF : 2872.4/26

In: 170.121+/-1.276 χ^2/NDF : 1160.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.518+/-0.827 χ^2/NDF : 2872.4/26

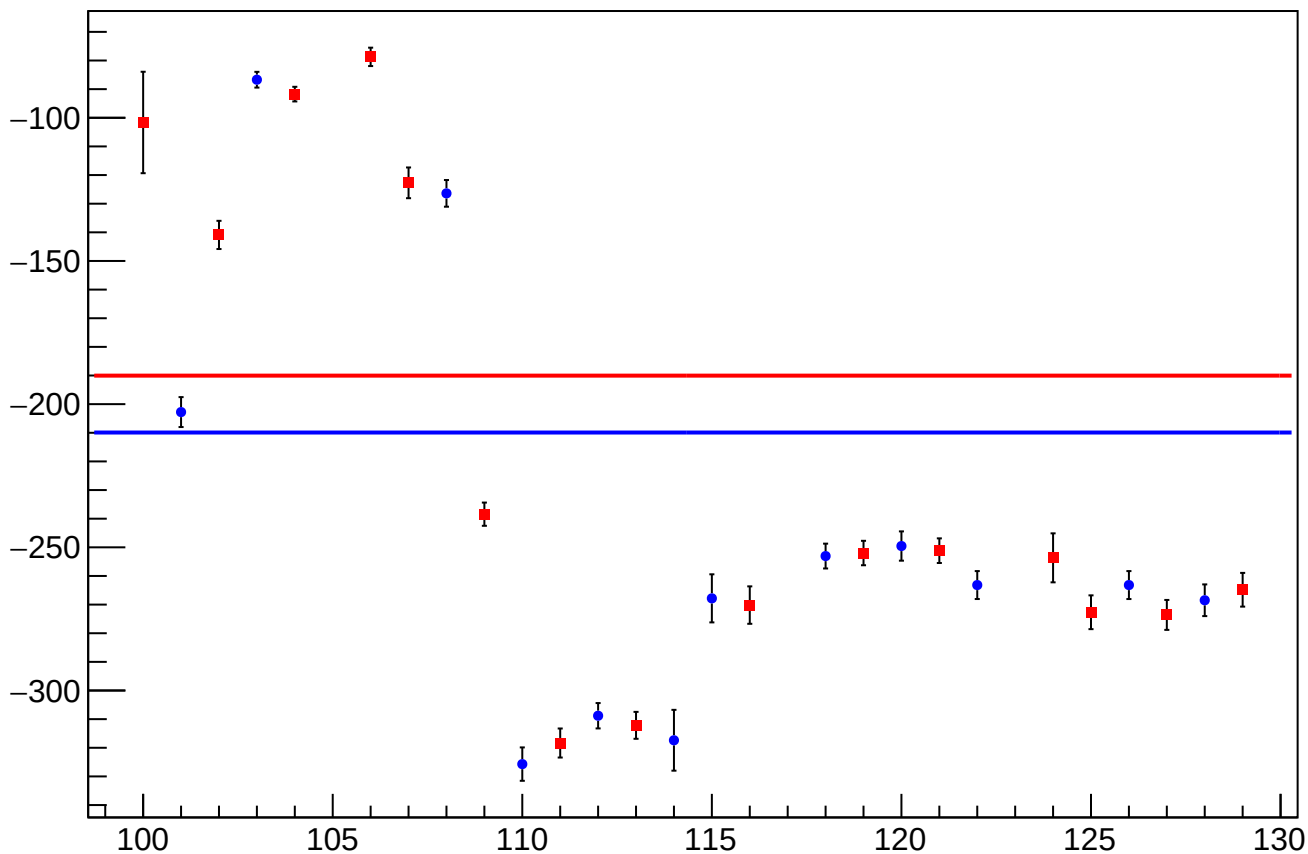
reg_asym_usr_atr2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.235+/-1.260 χ^2/NDF : 206.2/11
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -2.290+/-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: -0.756+/-0.831 χ^2/NDF : 395.4/26
 In: 1.235+/-1.260 χ^2/NDF : 206.2/11
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.756+/-0.831 χ^2/NDF : 395.4/26

reg_asym_usr_atr2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -209.910+/-1.378 χ^2/NDF : 3885.5/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

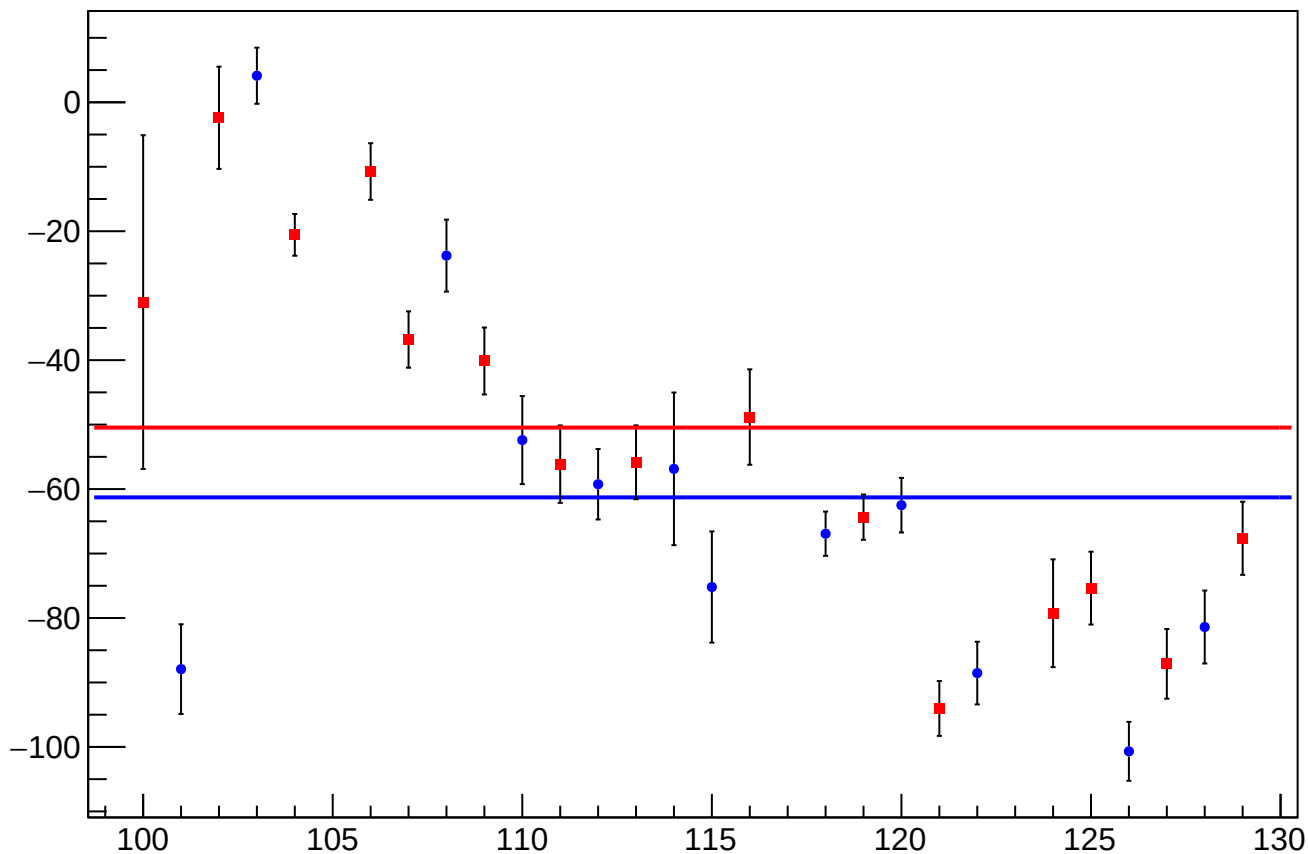
Right: -198.472+/-0.898 χ^2/NDF : 9657.8/26

In: -209.910+/-1.378 χ^2/NDF :3885.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -198.472+/-0.898 χ^2/NDF : 9657.8/26

reg_asym_usr_atr2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -61.288 ± 1.503 $\chi^2/\text{NDF}: 411.2/11$

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 $\chi^2/\text{NDF}: 0.0/0$

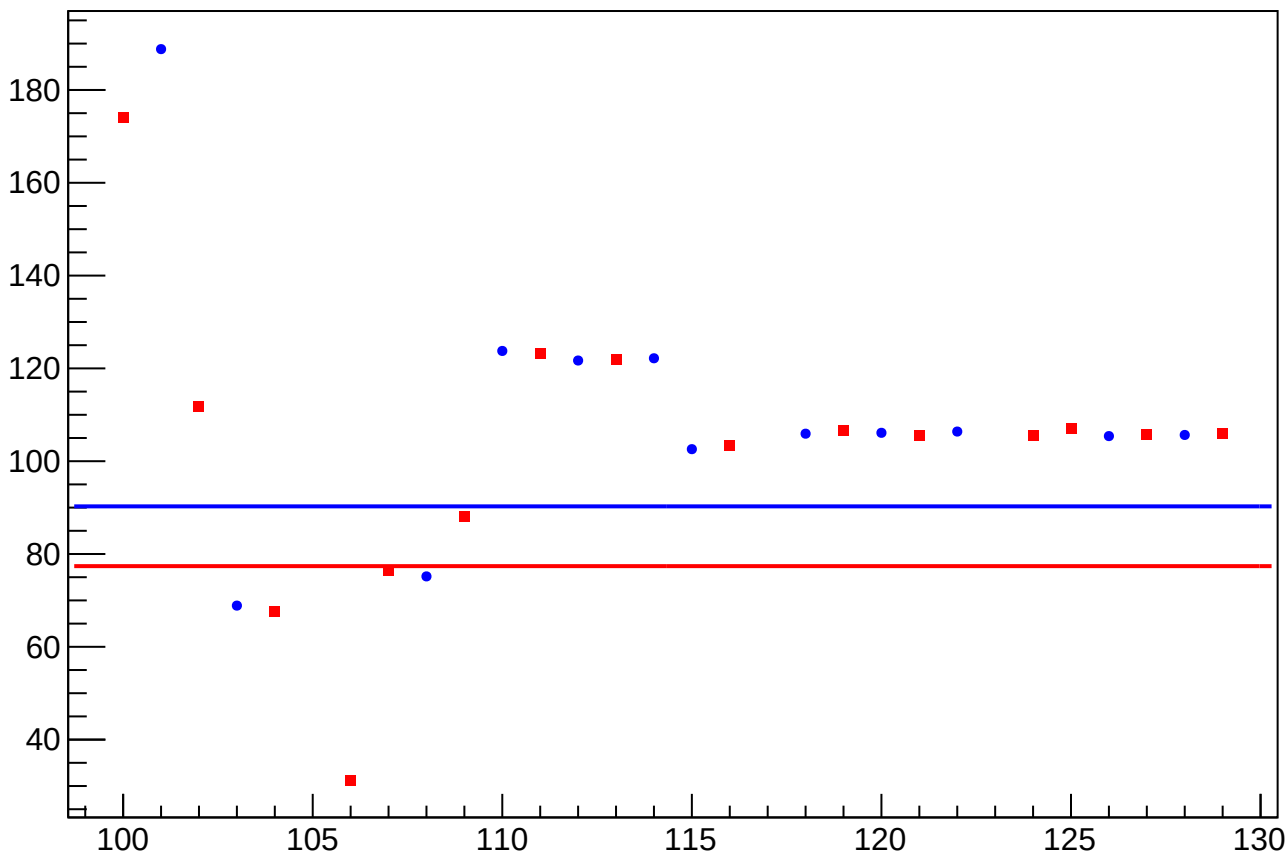
Right: -55.157 ± 0.990 $\chi^2/\text{NDF}: 867.9/26$

In: -61.288 ± 1.503 $\chi^2/\text{NDF}: 411.2/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -55.157 ± 0.990 $\chi^2/\text{NDF}: 867.9/26$

reg_asym_usr_atr2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 90.267+/-0.078 χ^2/NDF : 163891.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

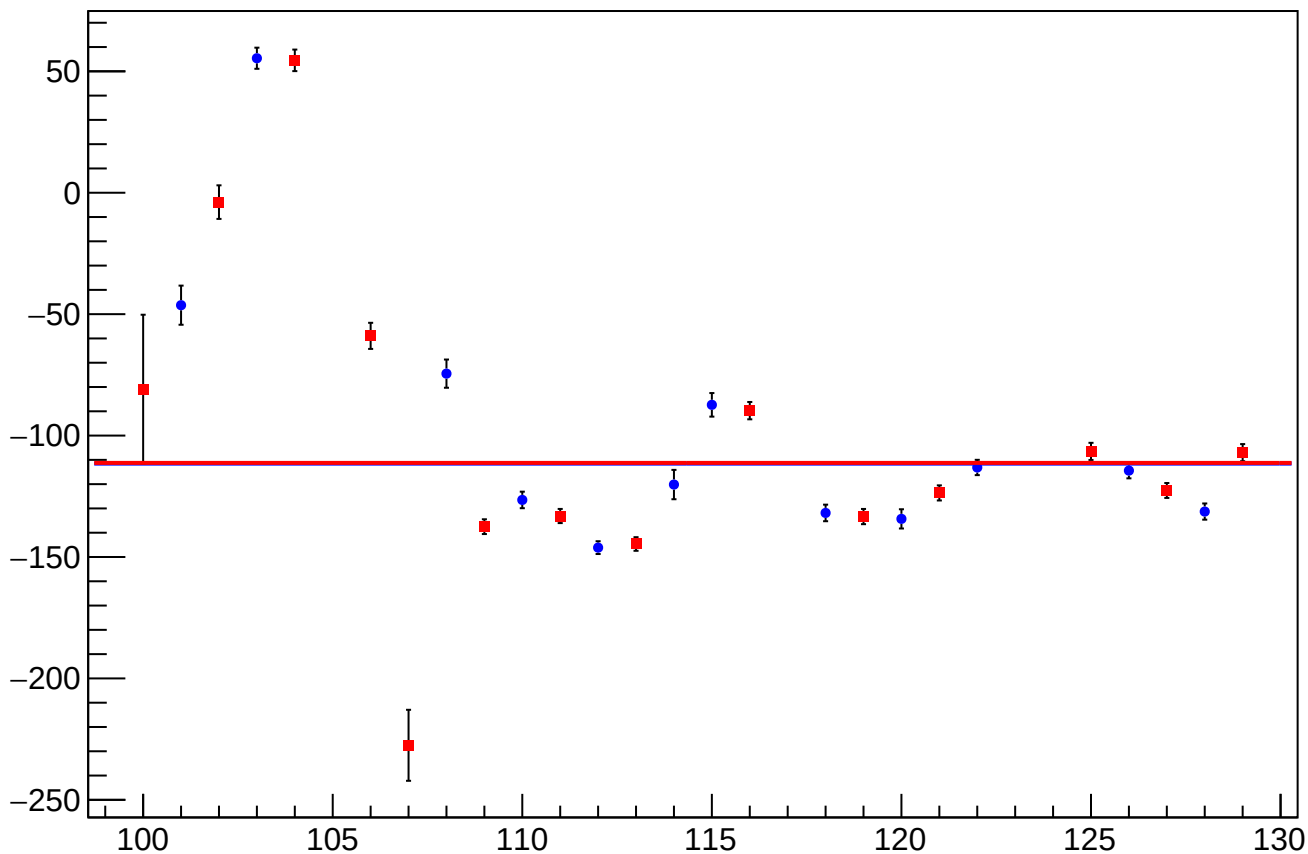
Right: 82.881+/-0.051 χ^2/NDF : 379510.4/26

In: 90.267+/-0.078 χ^2/NDF : 163891.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.881+/-0.051 χ^2/NDF : 379510.4/26

reg_asym_us_avg_at1lr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -111.537+/-1.093 χ^2/NDF : 1901.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -111.251+/-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

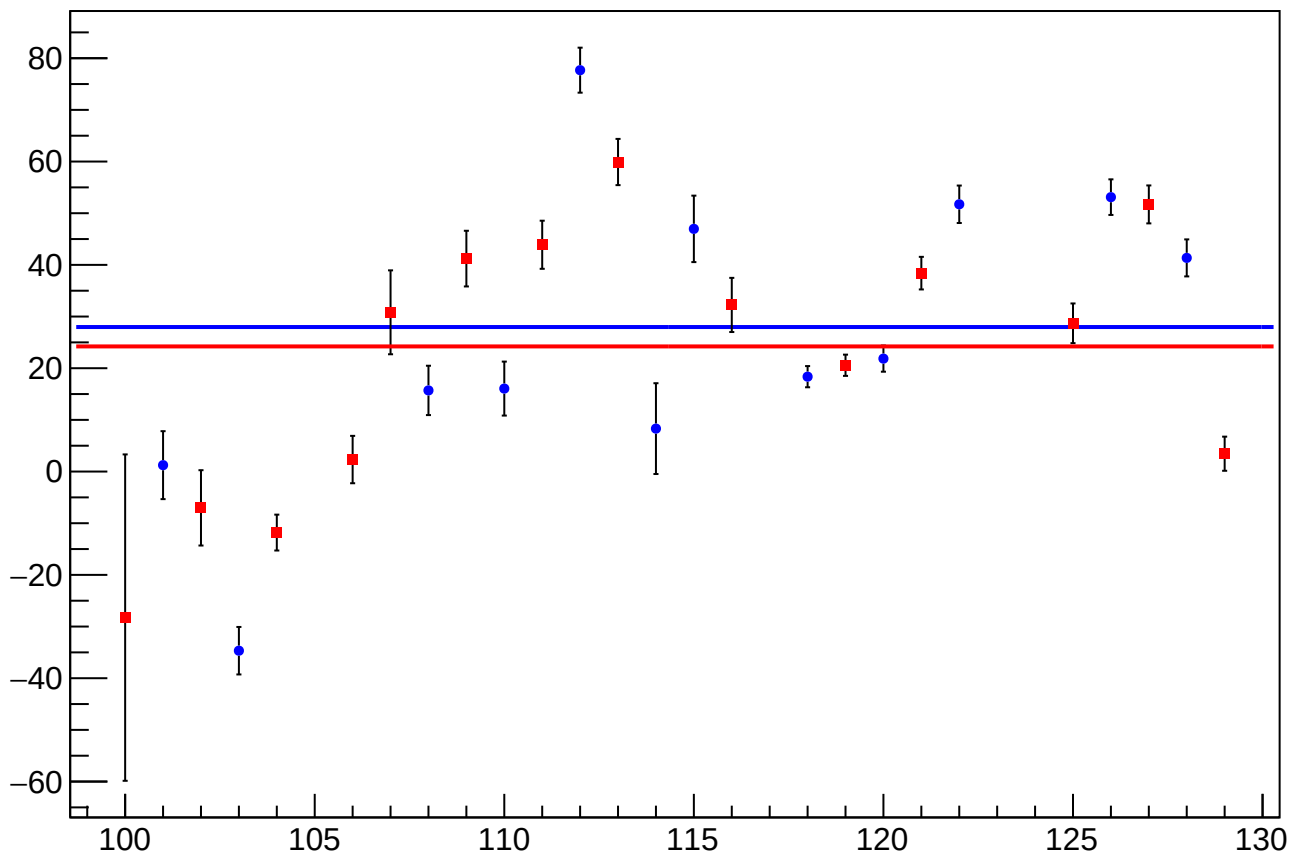
Right: -111.380+/-0.735 χ^2/NDF : 4090.7/25

In: -111.537+/-1.093 χ^2/NDF : 1901.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -111.380+/-0.735 χ^2/NDF : 4090.7/25

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 27.971+/-1.070 χ^2 /NDF: 496.1/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 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

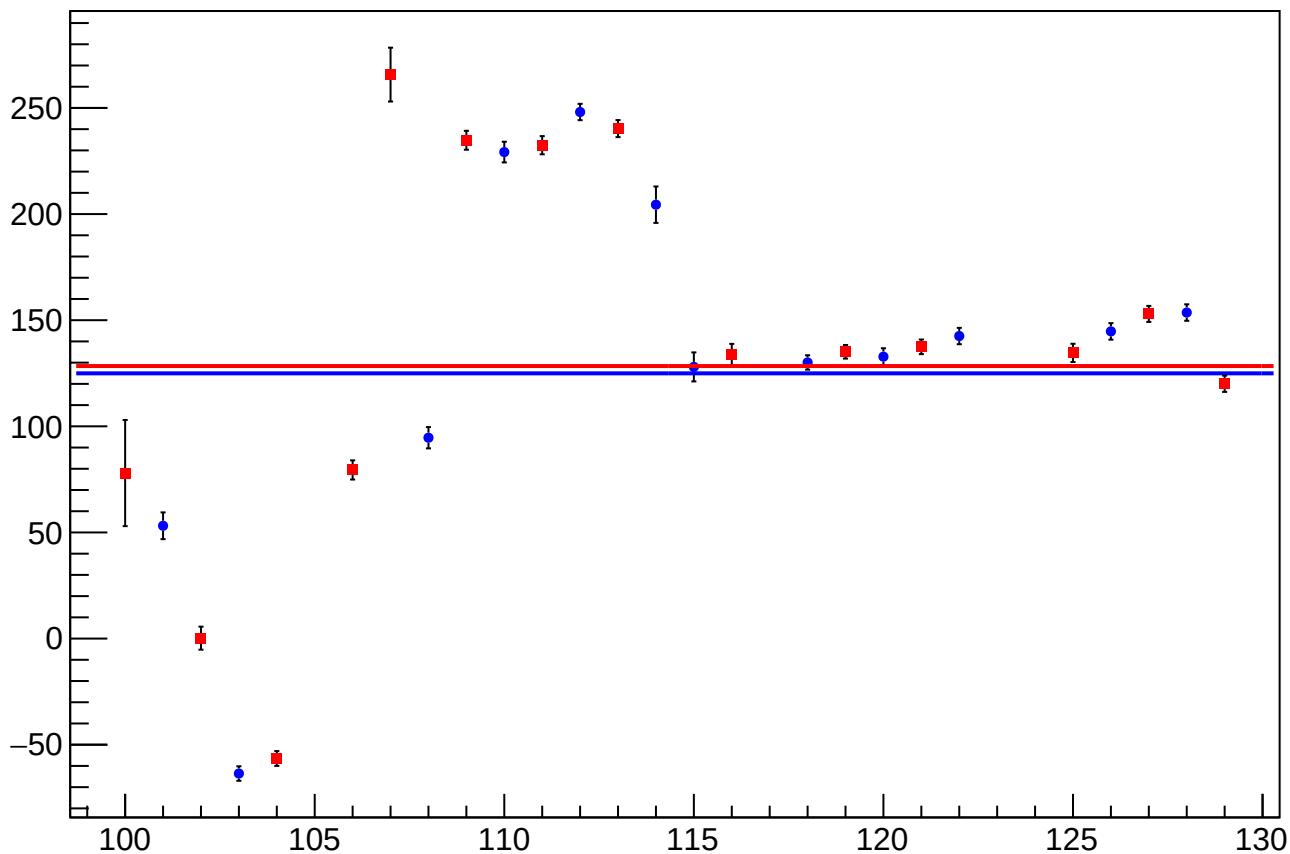
Right: 26.062+/-0.750 χ^2 /NDF: 868.8/25

In: 27.971+/-1.070 χ^2 /NDF:496.1/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 26.062+/-0.750 χ^2 /NDF: 868.8/25

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 124.962+/-1.245 χ^2/NDF : 4884.7/11

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

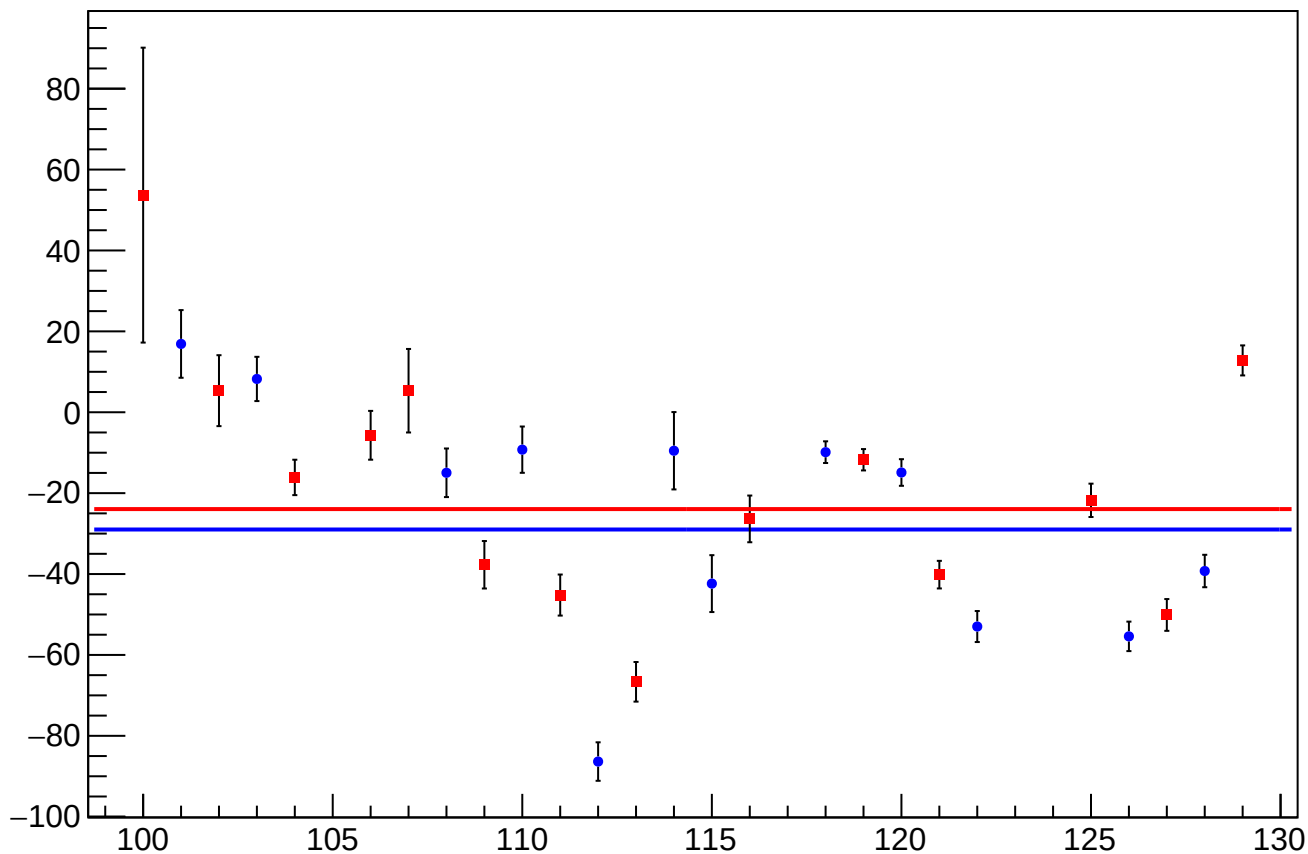
Right: 126.813+/-0.846 χ^2/NDF : 10478.3/25

In: 124.962+/-1.245 χ^2/NDF : 4884.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.813+/-0.846 χ^2/NDF : 10478.3/25

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -28.989+/-1.272 χ^2/NDF : 414.4/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

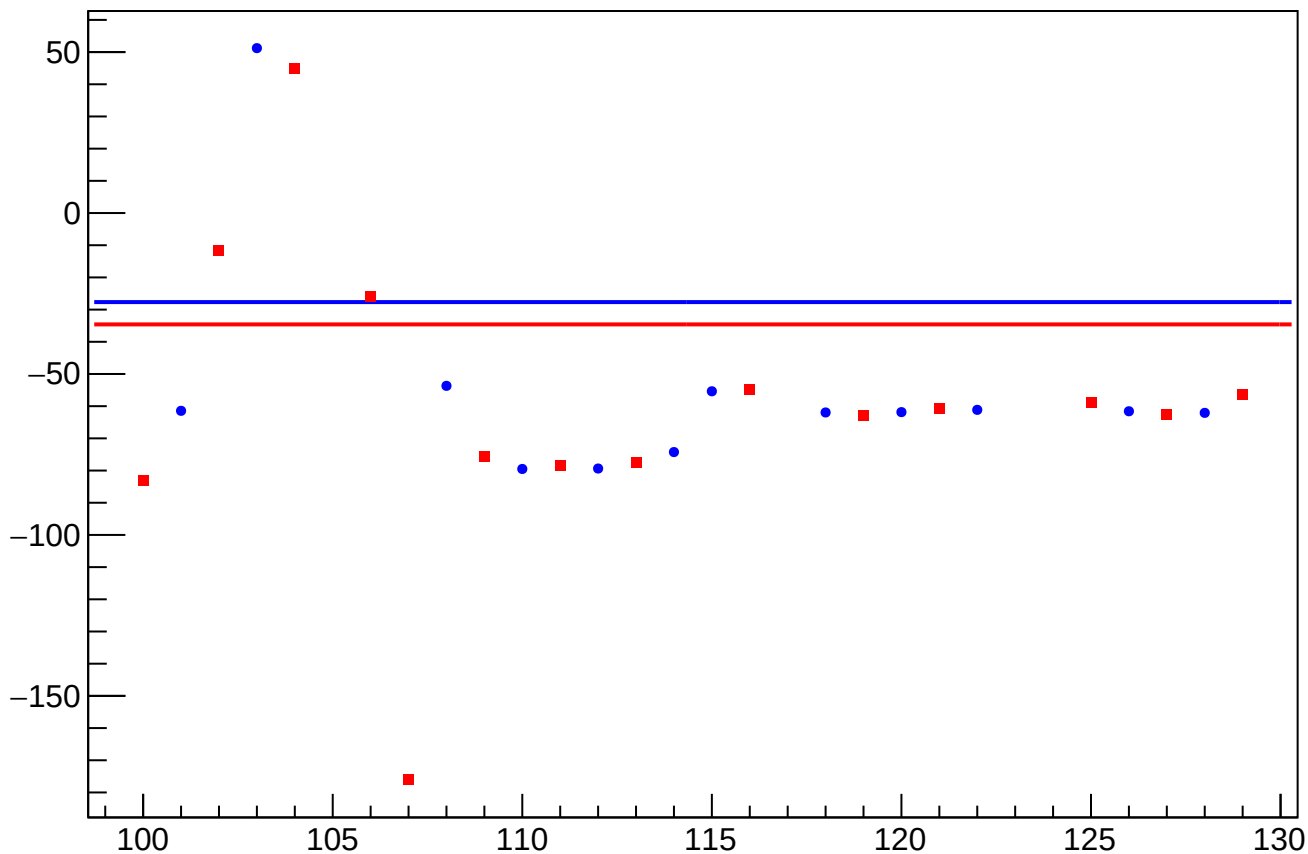
Right: -26.367+/-0.882 χ^2/NDF : 744.4/25

In: -28.989+/-1.272 χ^2/NDF :414.4/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -26.367+/-0.882 χ^2/NDF : 744.4/25

reg_asym_us_avg_at1lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -27.666+/-0.079 χ^2/NDF : 451586.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

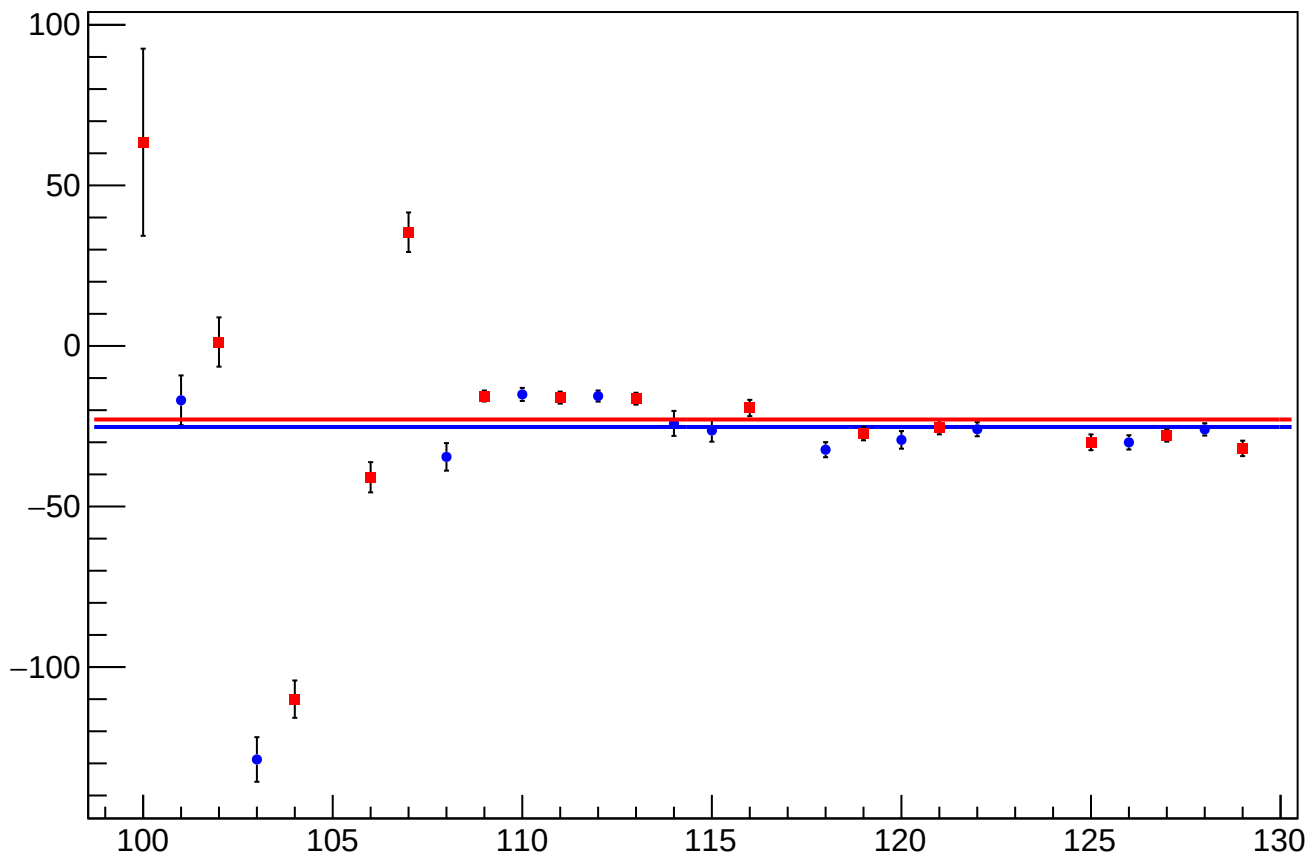
Right: -31.301+/-0.054 χ^2/NDF : 866082.9/25

In: -27.666+/-0.079 χ^2/NDF : 451586.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.301+/-0.054 χ^2/NDF : 866082.9/25

reg_asym_us_avg_at1lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -25.240 $\pm$ 0.744 χ^2 /NDF: 299.5/11

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

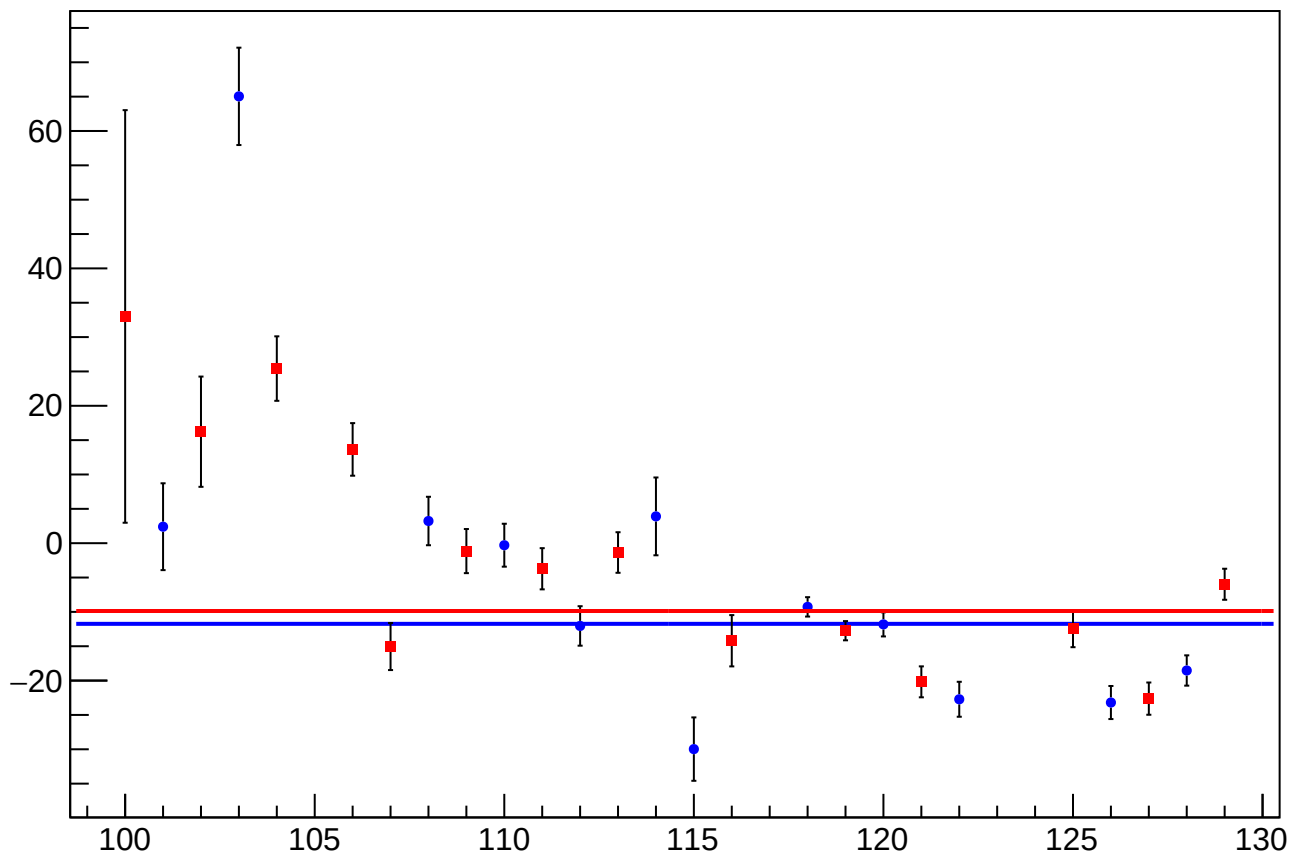
Right: -23.949 $\pm$ 0.498 χ^2 /NDF: 732.0/25

In: -25.240 $\pm$ 0.744 χ^2 /NDF:299.5/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -23.949 $\pm$ 0.498 χ^2 /NDF: 732.0/25

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -11.740 $\pm$ 0.748 χ^2 /NDF: 230.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -9.871 $\pm$ 0.738 χ^2 /NDF: 189.1/13

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

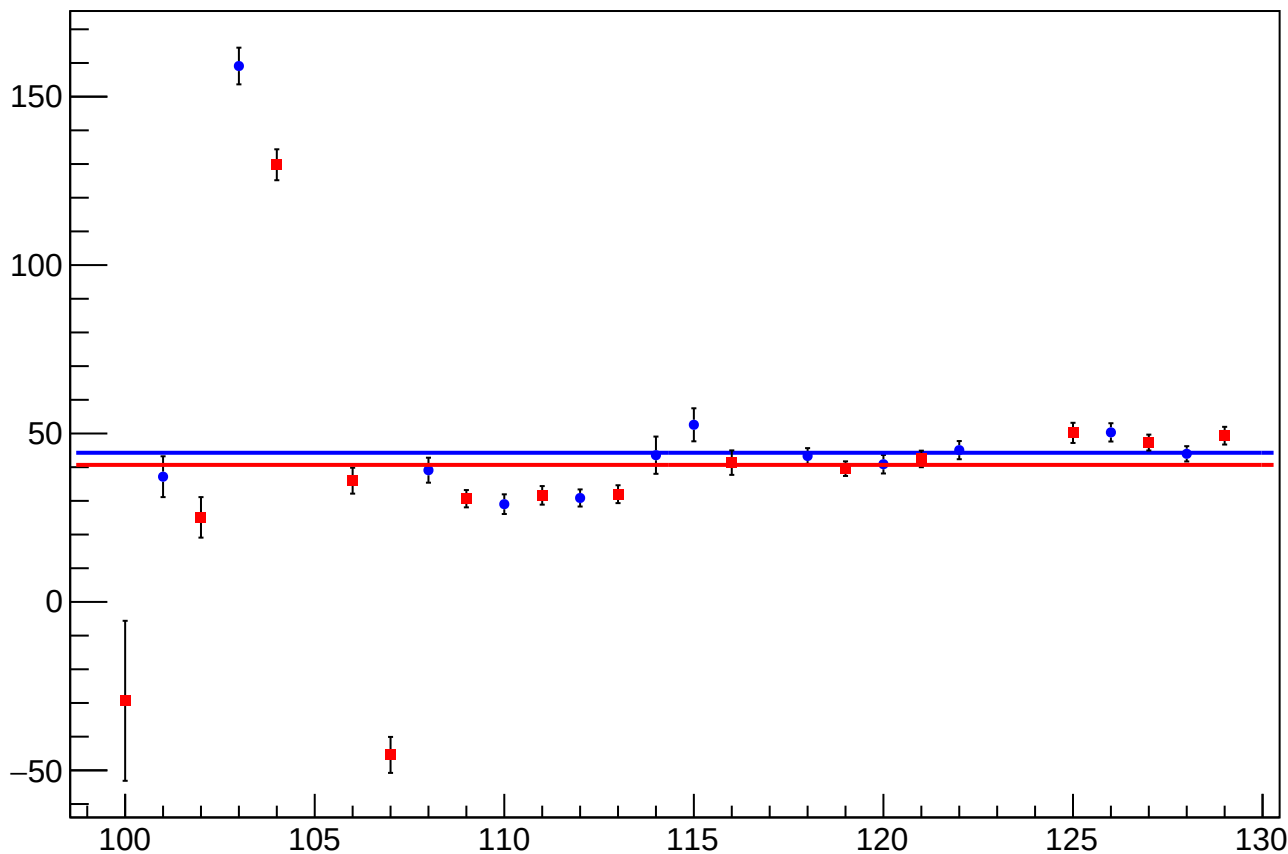
Right: -10.793 $\pm$ 0.525 χ^2 /NDF: 423.2/25

In: -11.740 $\pm$ 0.748 χ^2 /NDF: 230.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -10.793 $\pm$ 0.525 χ^2 /NDF: 423.2/25

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 44.280+/-0.890 χ^2 /NDF: 512.6/11

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

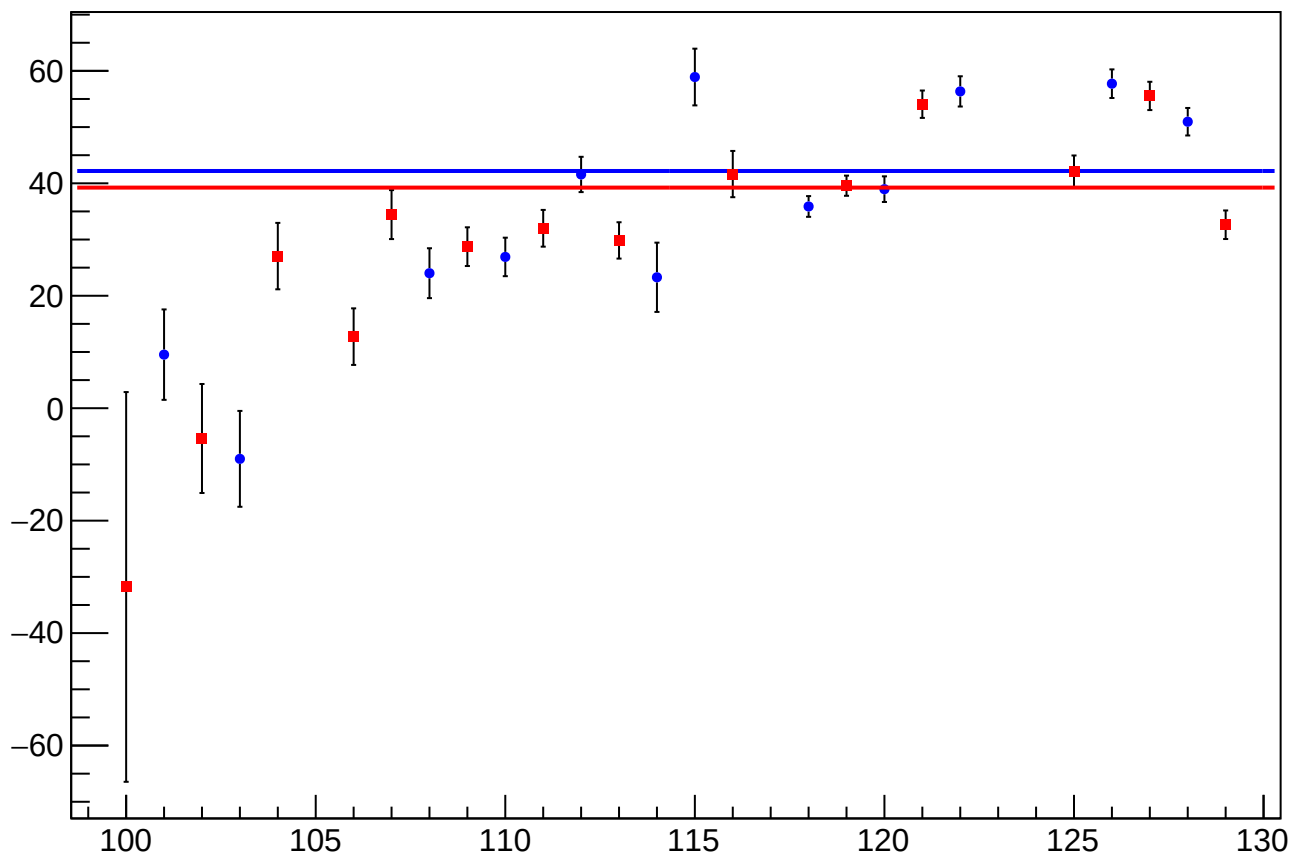
Right: 42.327+/-0.602 χ^2 /NDF: 1240.9/25

In: 44.280+/-0.890 χ^2 /NDF:512.6/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 42.327+/-0.602 χ^2 /NDF: 1240.9/25

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.192+/-0.884 χ^2 /NDF: 201.2/11

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

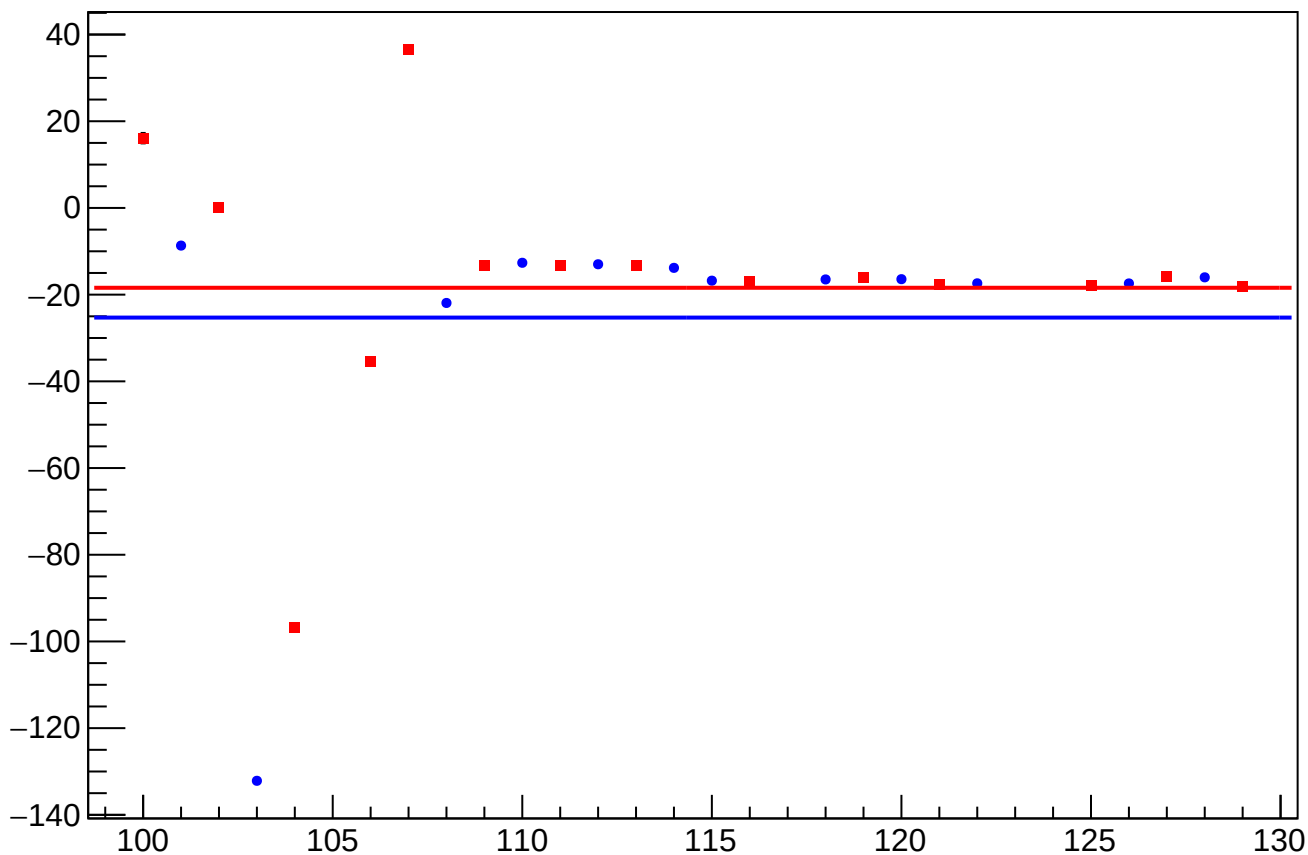
Right: 40.659+/-0.613 χ^2 /NDF: 375.5/25

In: 42.192+/-0.884 χ^2 /NDF:201.2/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 40.659+/-0.613 χ^2 /NDF: 375.5/25

reg_asym_us_avg_at1lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -25.292+/-0.063 χ^2/NDF : 234241.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.416+/-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

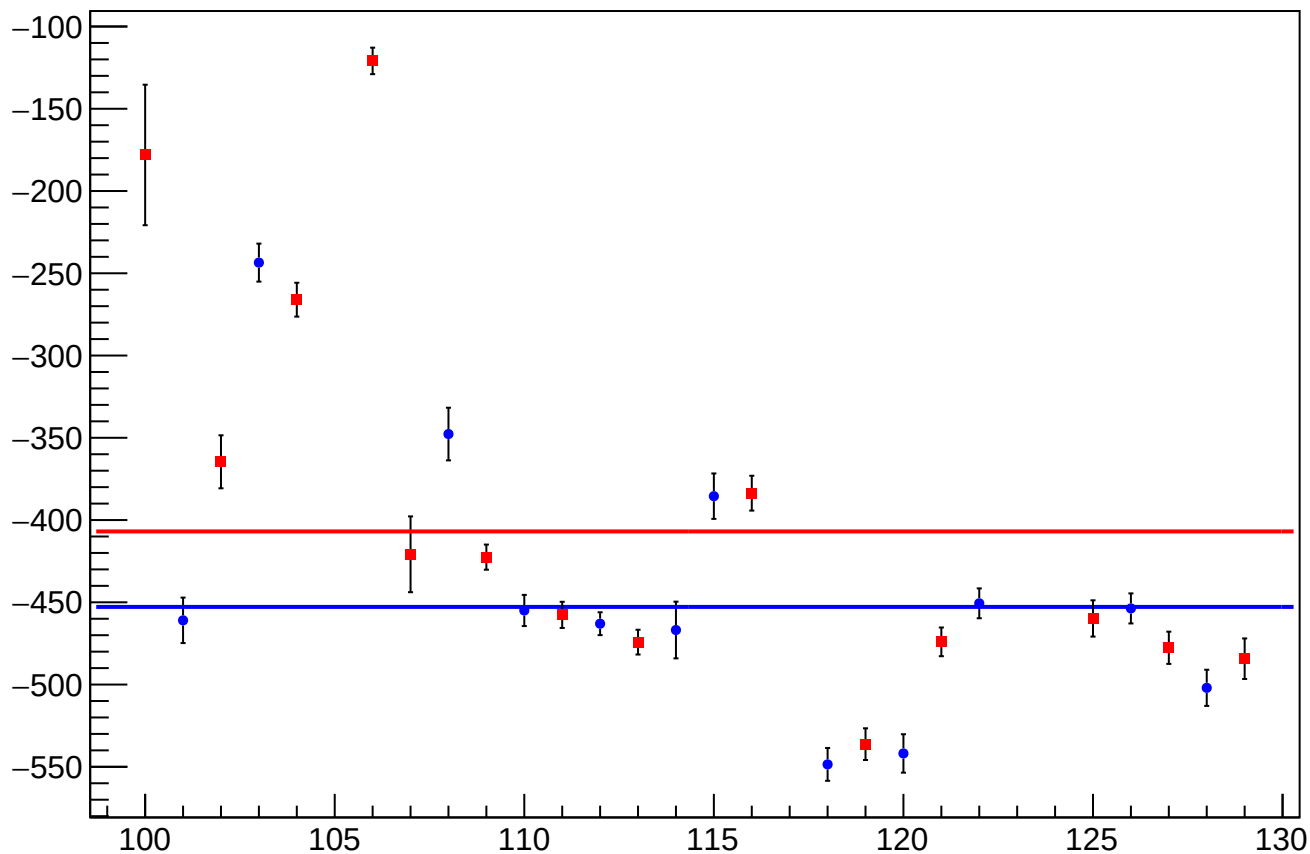
Right: -21.565+/-0.043 χ^2/NDF : 444146.7/25

In: -25.292+/-0.063 χ^2/NDF : 234241.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.565+/-0.043 χ^2/NDF : 444146.7/25

reg_asym_us_avg_at2lr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -452.798+/-3.059 χ^2/NDF : 568.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

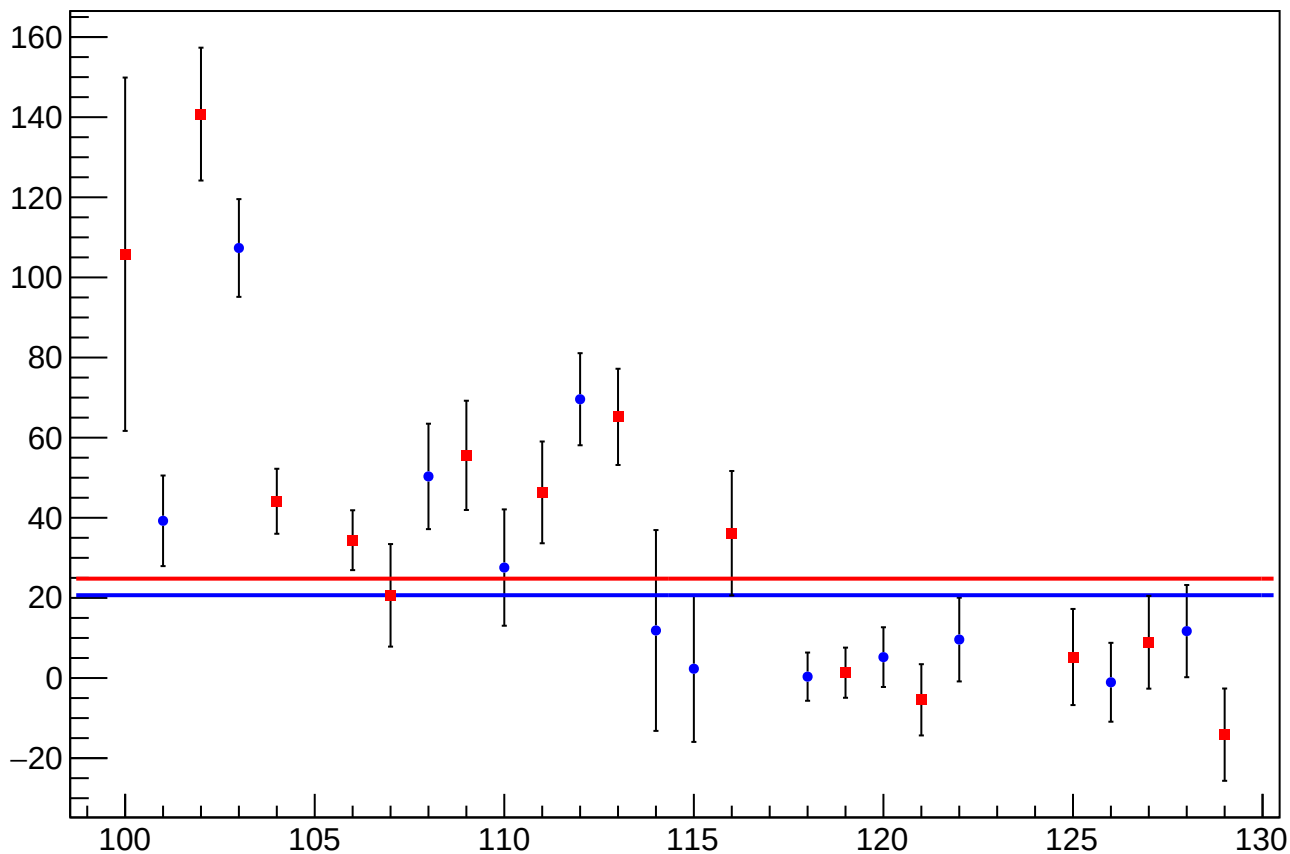
Right: -426.798+/-2.013 χ^2/NDF : 2665.4/25

In: -452.798+/-3.059 χ^2/NDF : 568.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -426.798+/-2.013 χ^2/NDF : 2665.4/25

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 20.673+/-3.017 χ^2/NDF : 100.0/11

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

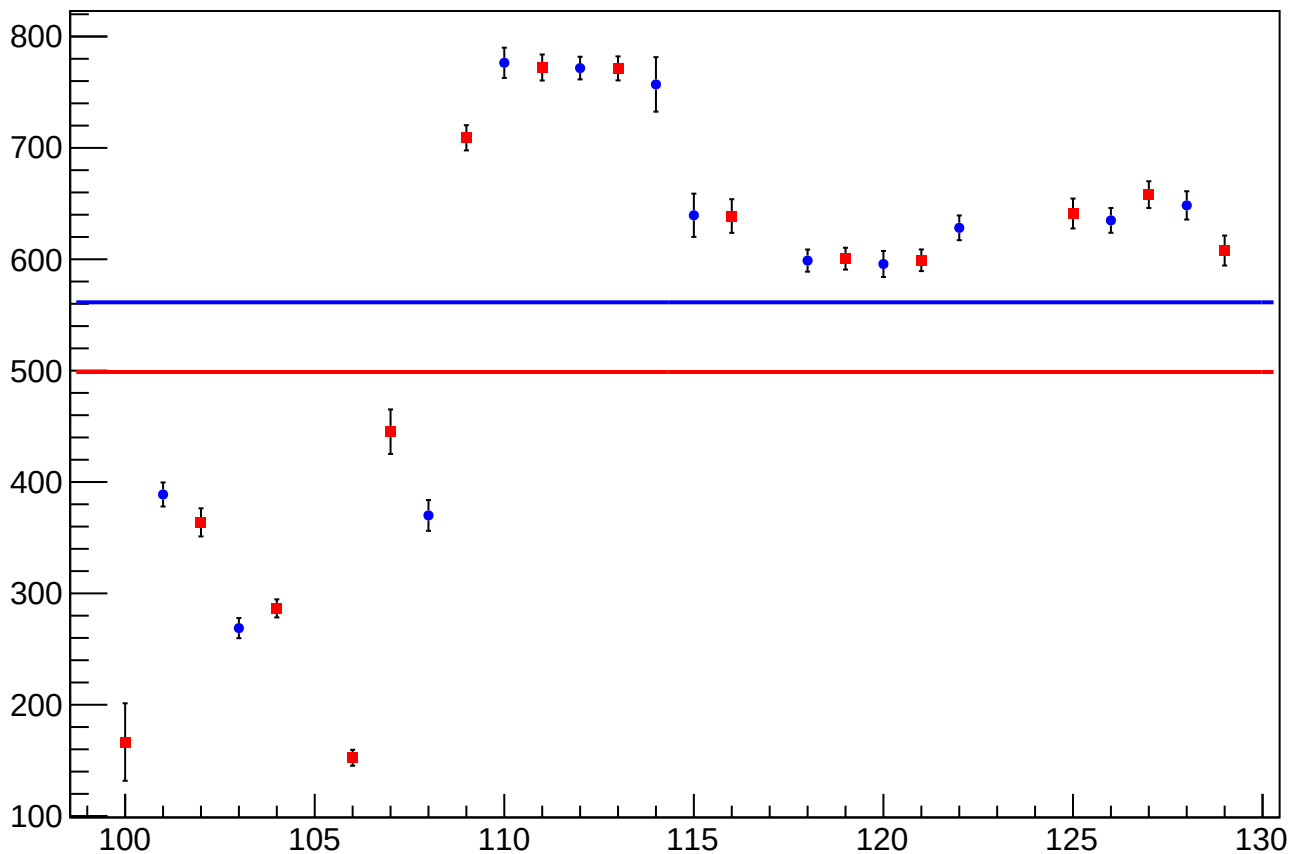
Right: 22.882+/-2.059 χ^2/NDF : 222.1/25

In: 20.673+/-3.017 χ^2/NDF : 100.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.882+/-2.059 χ^2/NDF : 222.1/25

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 561.340+/-3.426 χ^2/NDF : 2396.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

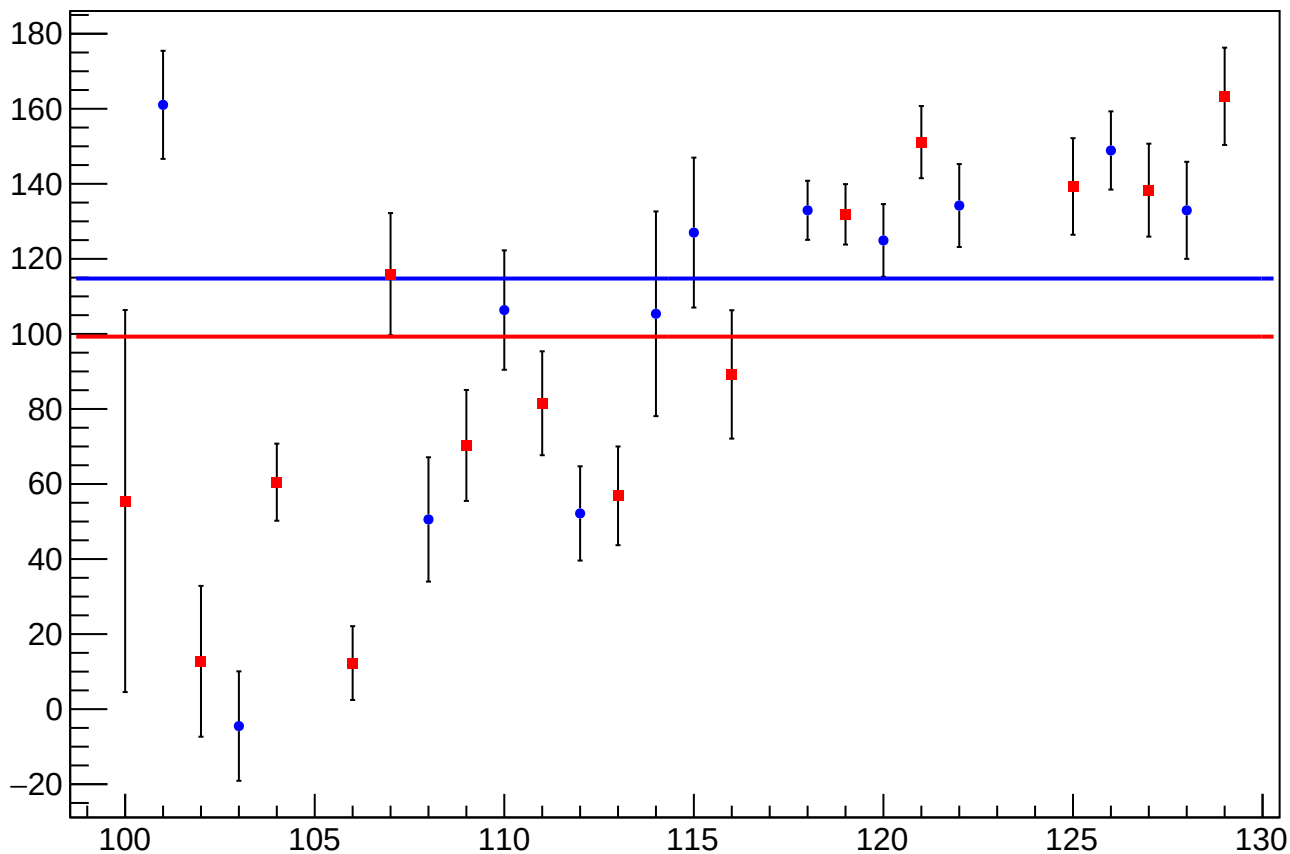
Right: 525.904+/-2.256 χ^2/NDF : 8002.5/25

In: 561.340+/-3.426 χ^2/NDF : 2396.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 525.904+/-2.256 χ^2/NDF : 8002.5/25

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 114.761+/-3.593 χ^2/NDF : 140.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

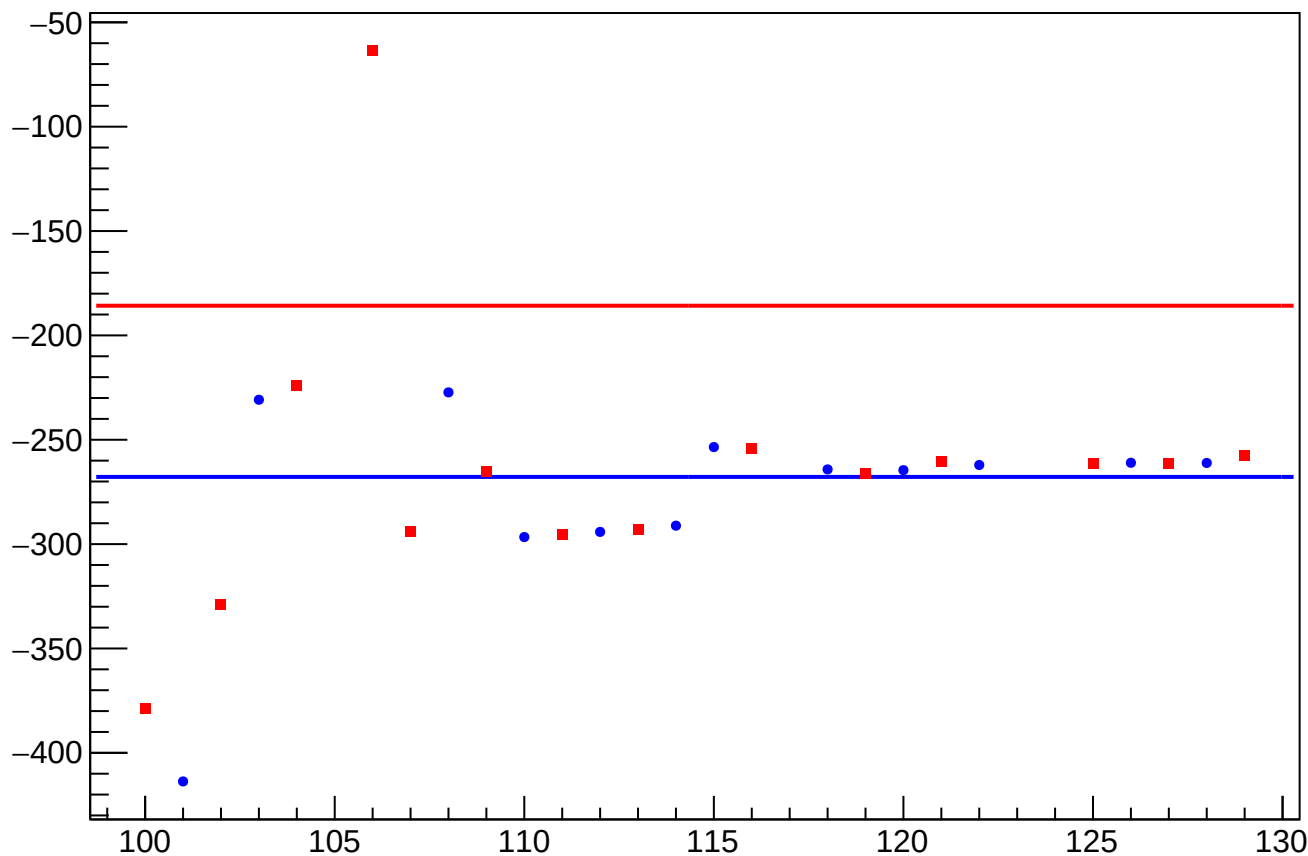
Right: 106.432+/-2.442 χ^2/NDF : 368.6/25

In: 114.761+/-3.593 χ^2/NDF : 140.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.432+/-2.442 χ^2/NDF : 368.6/25

reg_asym_us_avg_at2lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -267.804+/-0.213 χ^2/NDF : 67788.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

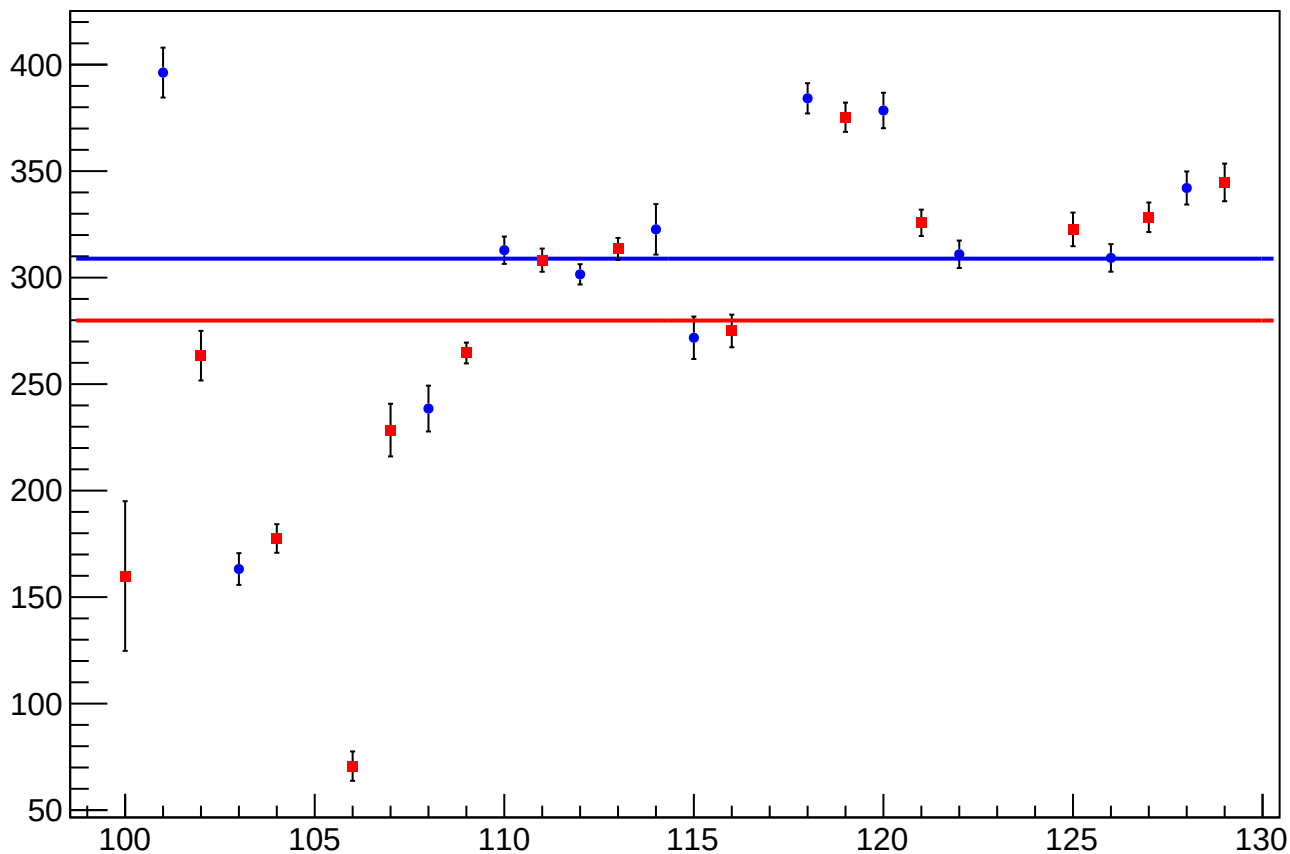
Right: -215.943+/-0.129 χ^2/NDF : 576760.3/25

In: -267.804+/-0.213 χ^2/NDF : 67788.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -215.943+/-0.129 χ^2/NDF : 576760.3/25

reg_asym_us_avg_at2lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 308.907+/-2.140 χ^2/NDF : 699.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

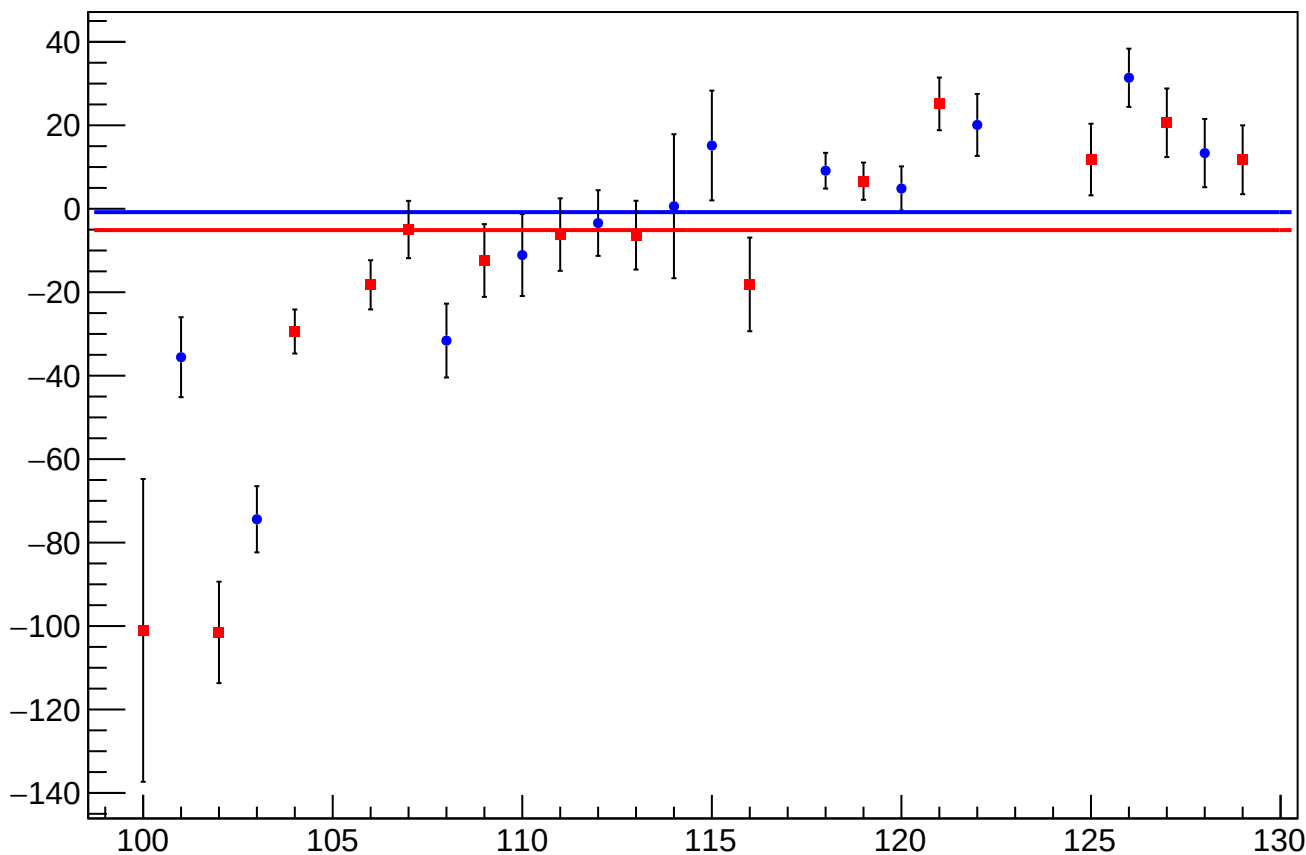
Right: 292.450+/-1.409 χ^2/NDF : 2449.9/25

In: 308.907+/-2.140 χ^2/NDF : 699.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 292.450+/-1.409 χ^2/NDF : 2449.9/25

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.807+/-2.138 χ^2/NDF : 152.8/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

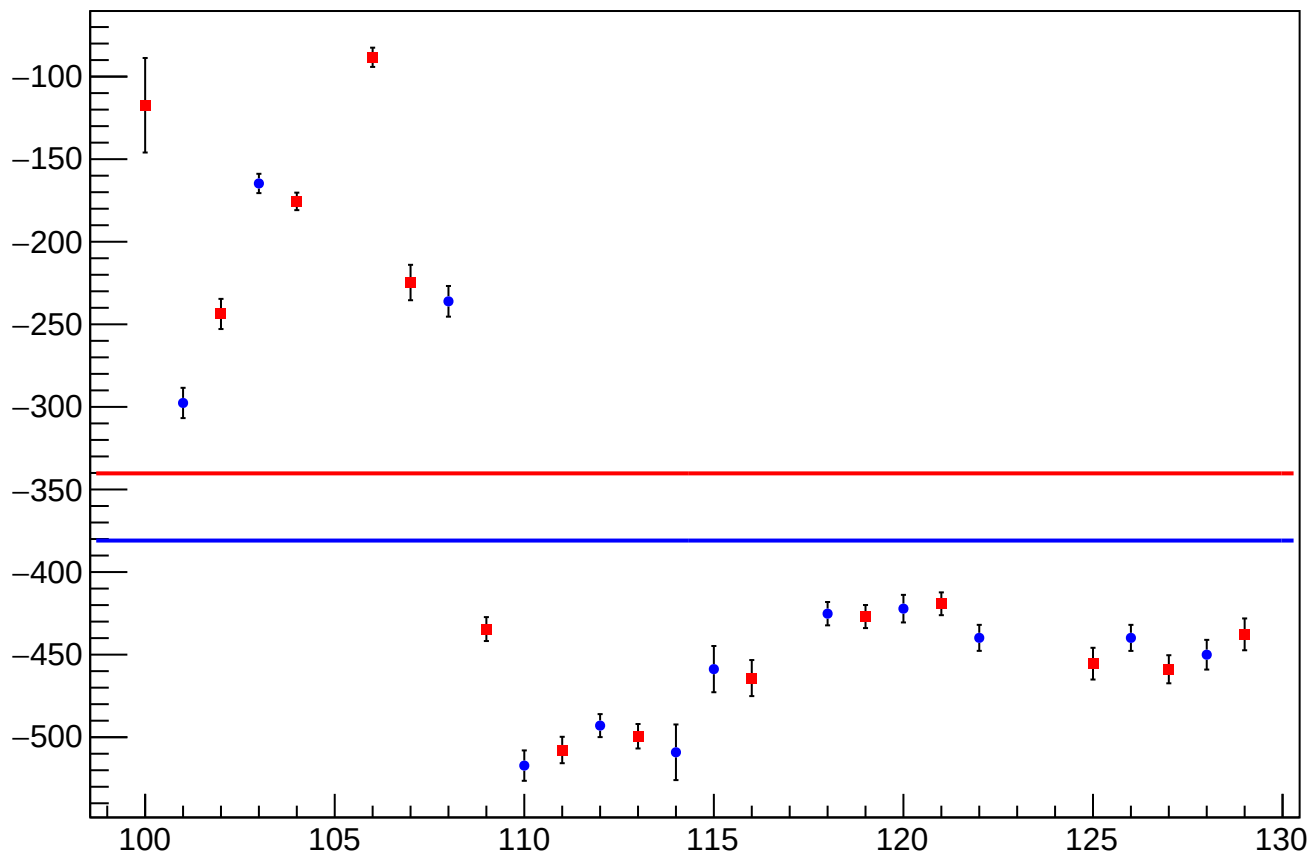
Right: -3.148+/-1.444 χ^2/NDF : 300.9/25

In: -0.807+/-2.138 χ^2/NDF :152.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.148+/-1.444 χ^2/NDF : 300.9/25

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -380.927+/-2.406 χ^2/NDF : 2495.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

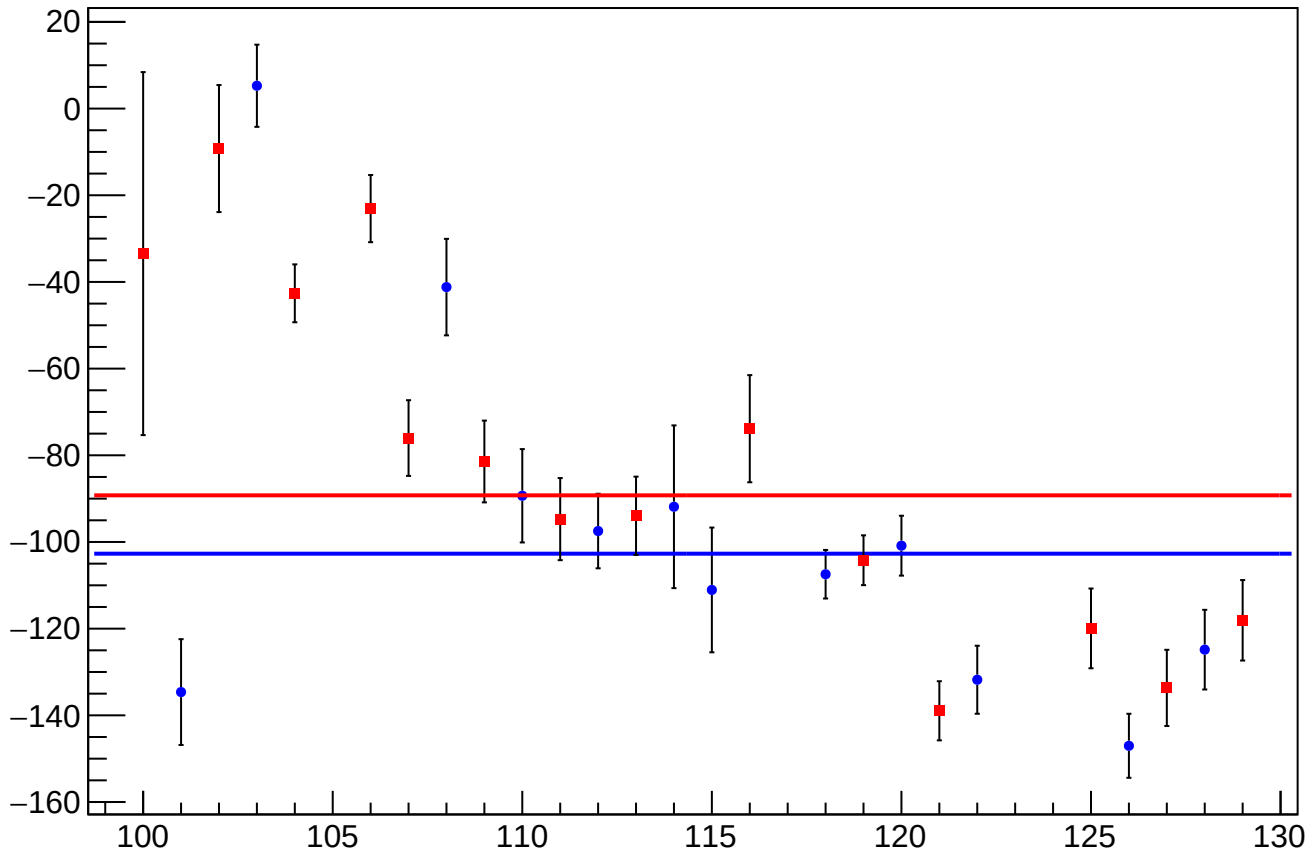
Right: -357.904+/-1.585 χ^2/NDF : 7707.0/25

In: -380.927+/-2.406 χ^2/NDF : 2495.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -357.904+/-1.585 χ^2/NDF : 7707.0/25

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -102.703+/-2.541 χ^2 /NDF: 226.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -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

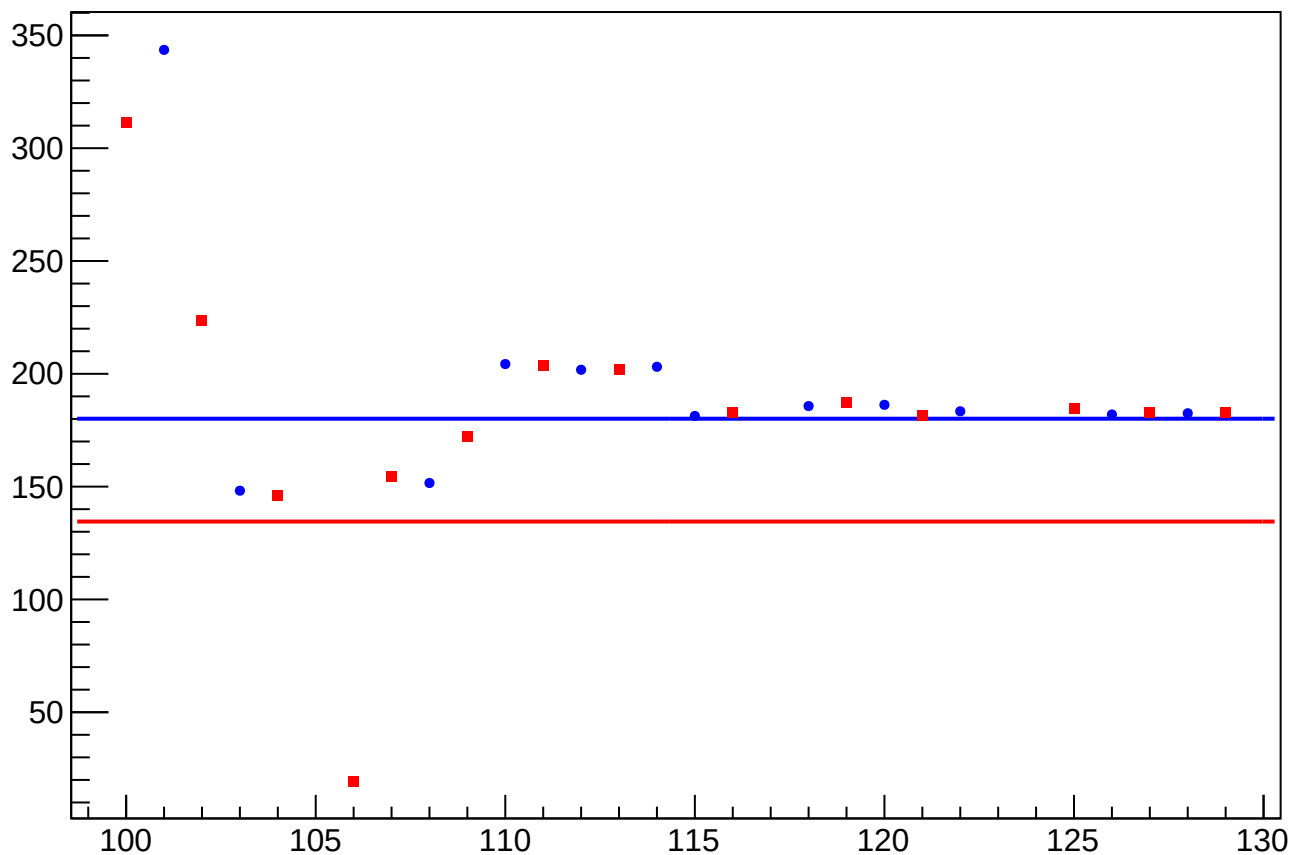
Right: -95.346+/-1.711 χ^2 /NDF: 505.8/25

In: -102.703+/-2.541 χ^2 /NDF:226.0/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -95.346+/-1.711 χ^2 /NDF: 505.8/25

reg_asym_us_avg_at2lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 180.106+/-0.147 χ^2/NDF : 114885.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

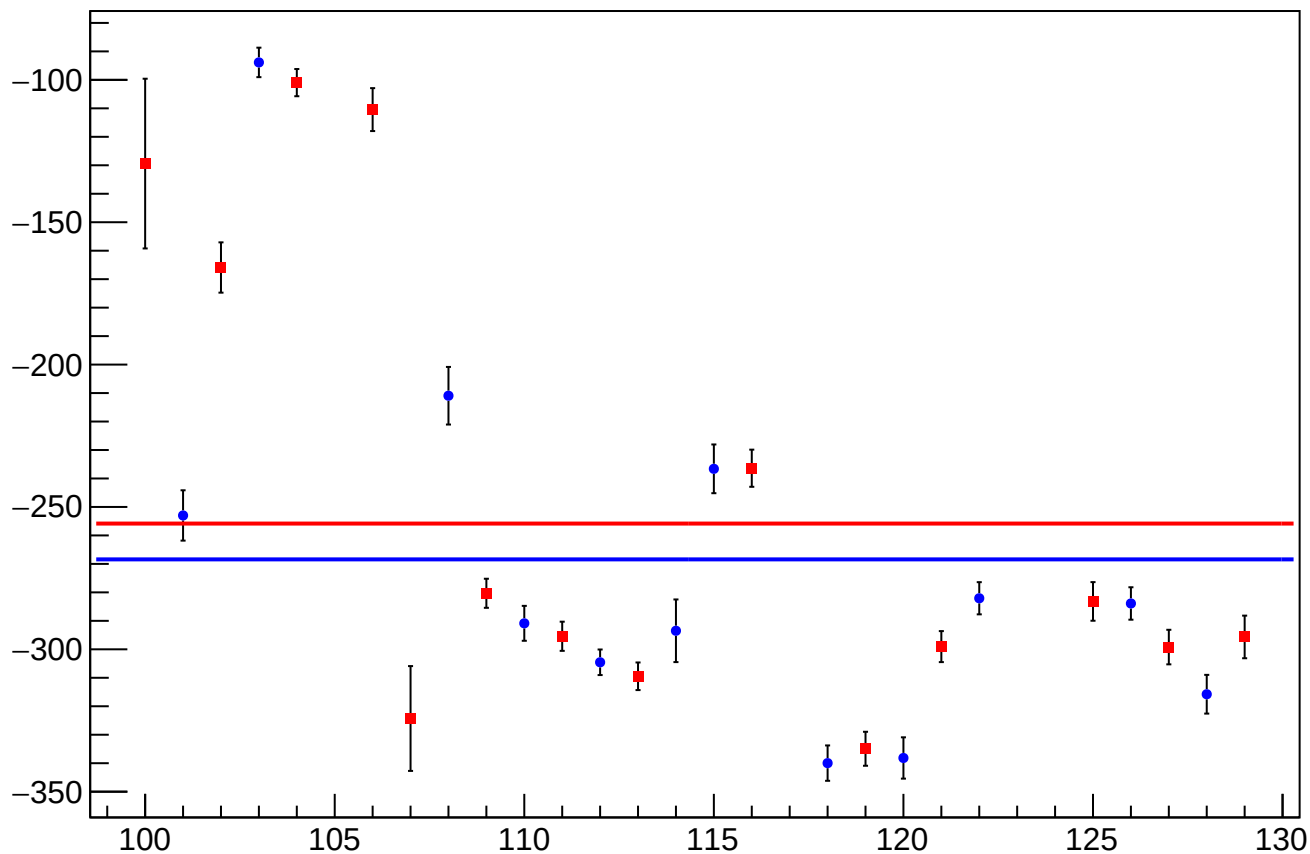
Right: 152.890+/-0.093 χ^2/NDF : 551864.6/25

In: 180.106+/-0.147 χ^2/NDF : 114885.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.890+/-0.093 χ^2/NDF : 551864.6/25

reg_asym_us_avg_atlr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -268.414+/-1.868 χ^2 /NDF: 1556.7/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -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

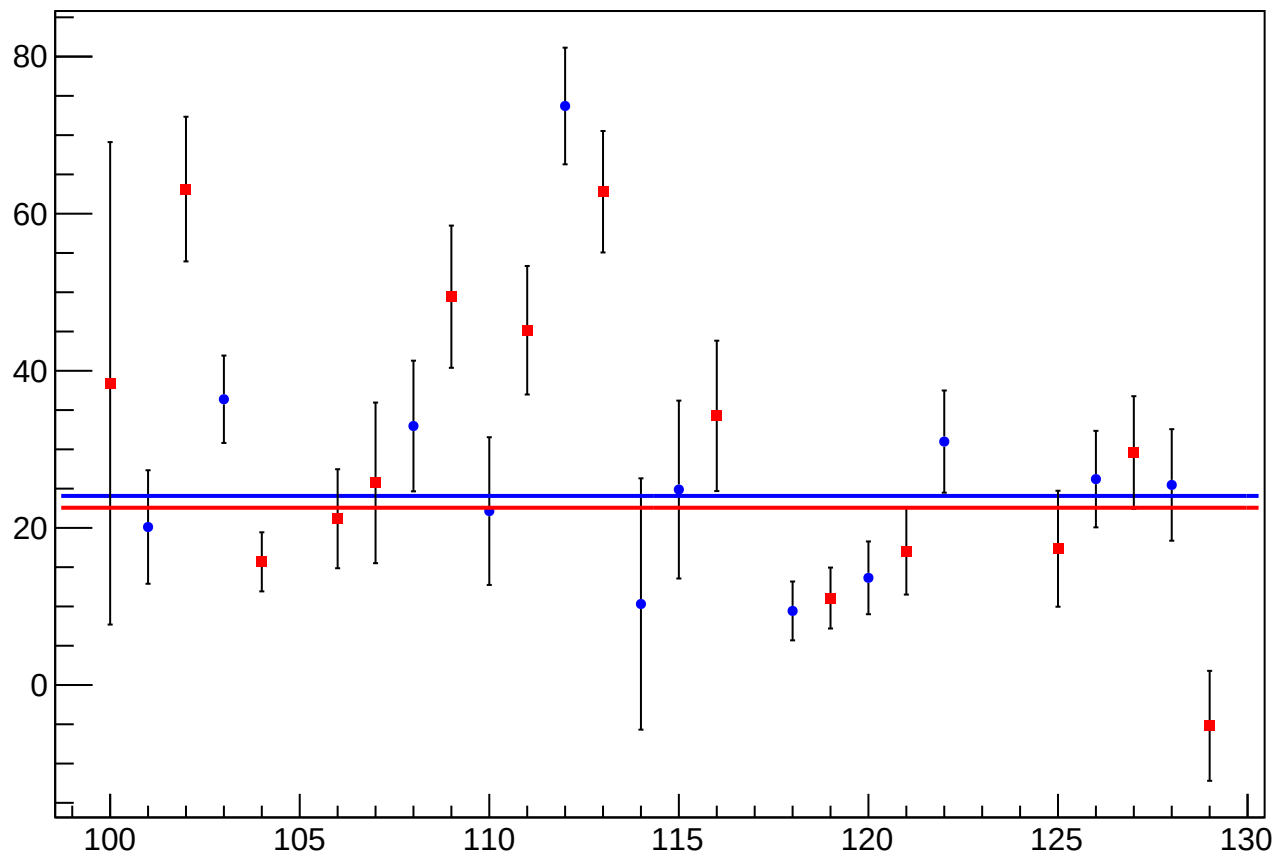
Right: -261.505+/-1.254 χ^2 /NDF: 3687.9/25

In: -268.414+/-1.868 χ^2 /NDF:1556.7/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -261.505+/-1.254 χ^2 /NDF: 3687.9/25

reg_asym_us_avg_atlr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.071+/-1.841 χ^2 /NDF: 73.5/11

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

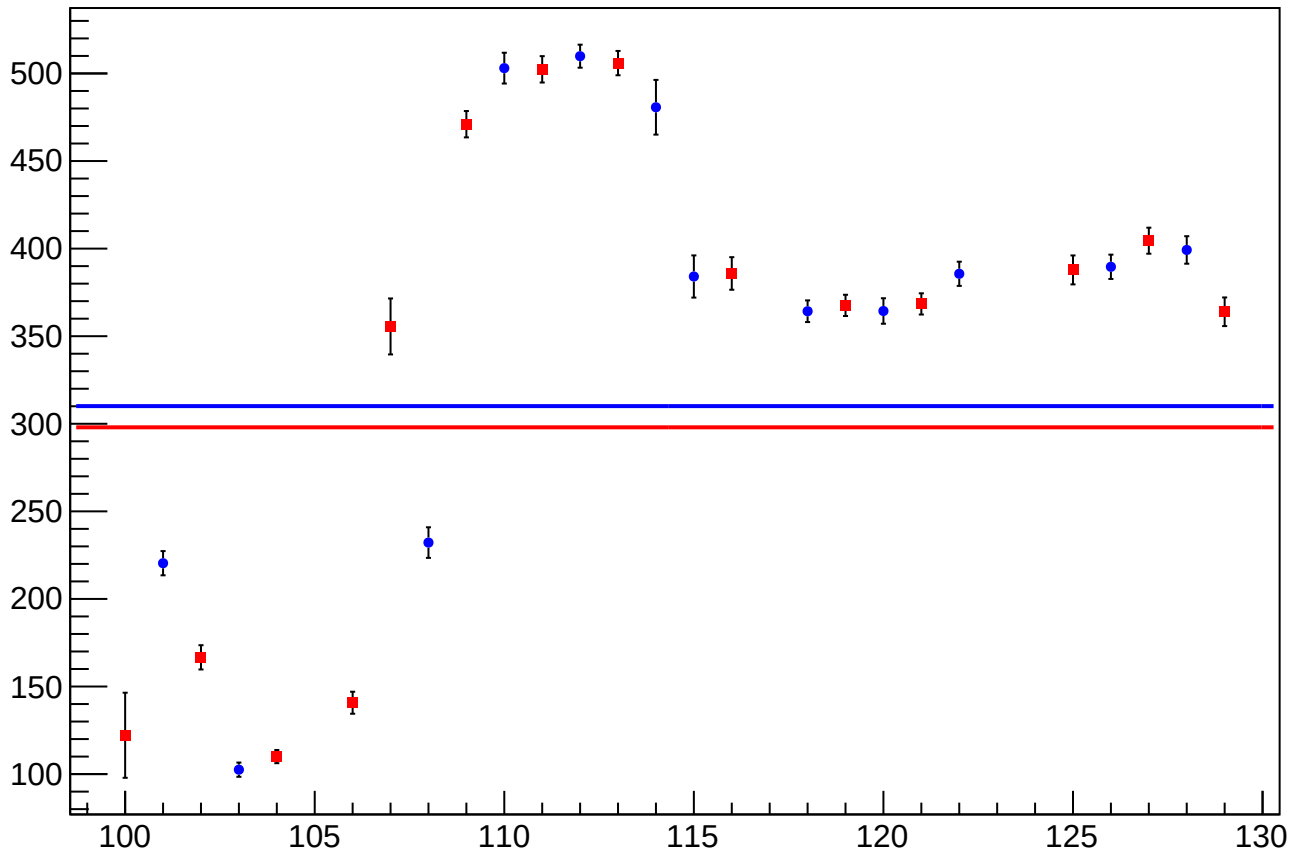
Right: 23.276+/-1.265 χ^2 /NDF: 169.0/25

In: 24.071+/-1.841 χ^2 /NDF:73.5/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 23.276+/-1.265 χ^2 /NDF: 169.0/25

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 310.080+/-2.022 χ^2/NDF : 4930.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

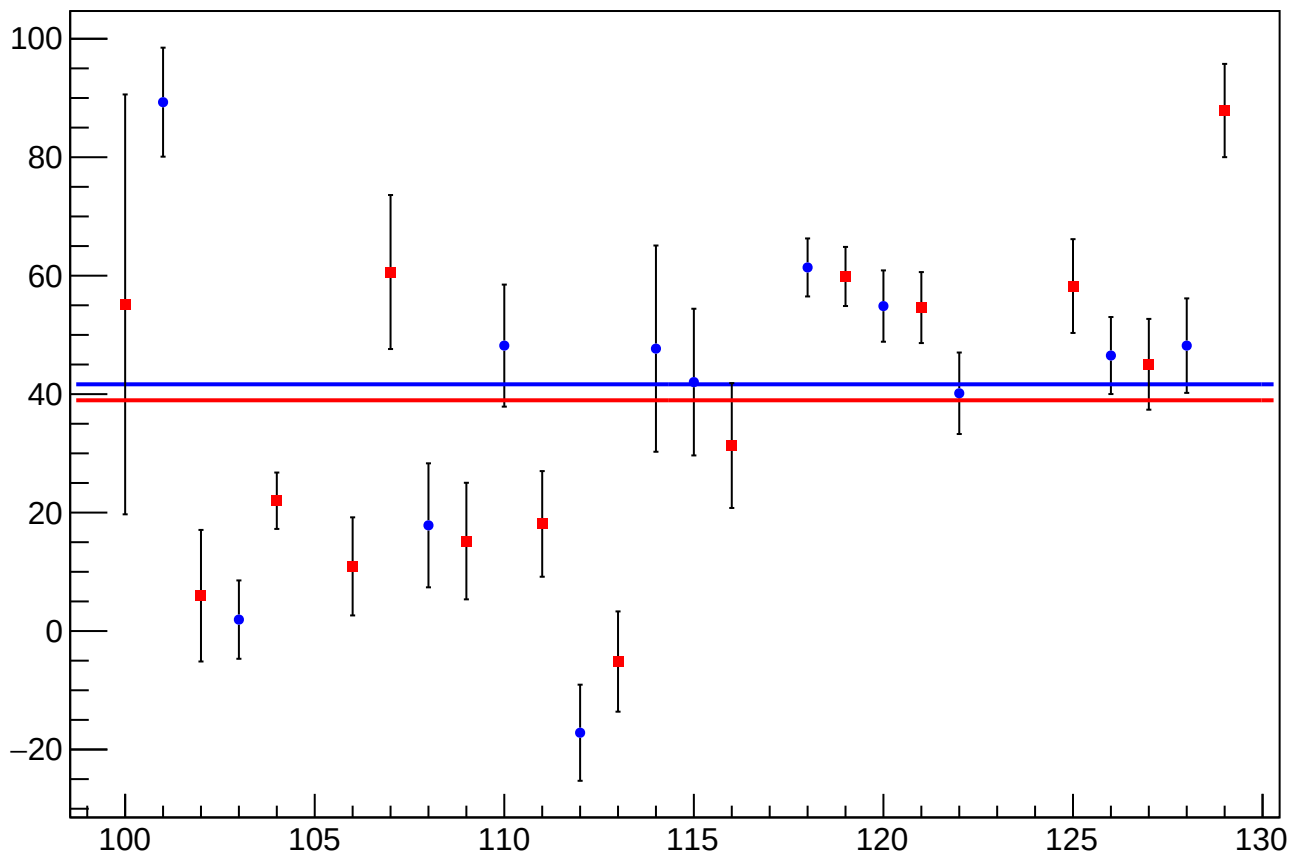
Right: 303.496+/-1.365 χ^2/NDF : 11397.3/25

In: 310.080+/-2.022 χ^2/NDF : 4930.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 303.496+/-1.365 χ^2/NDF : 11397.3/25

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.660 $\pm$ 2.193 χ^2 /NDF: 143.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 38.961 $\pm$ 2.056 χ^2 /NDF: 144.5/13

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

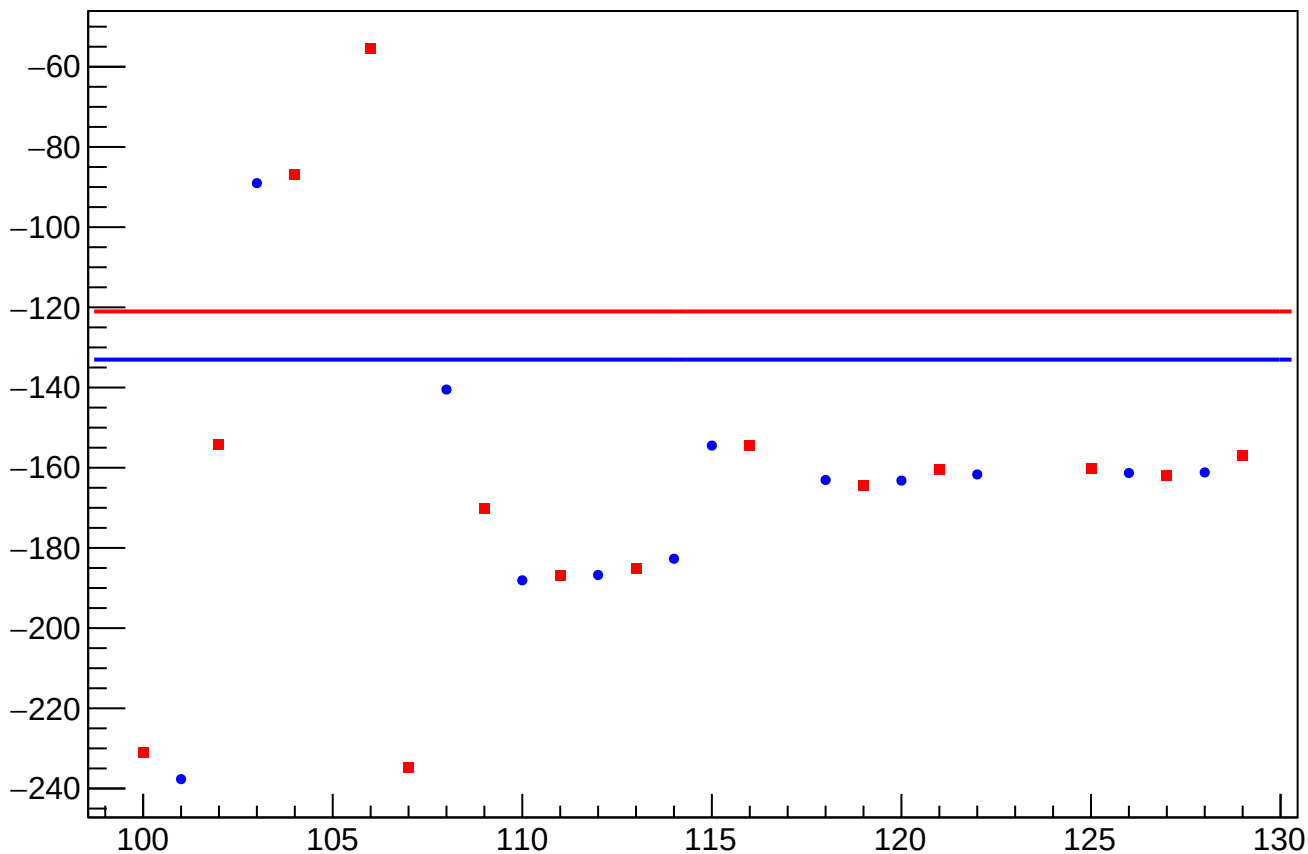
Right: 40.223 $\pm$ 1.500 χ^2 /NDF: 288.7/25

In: 41.660 $\pm$ 2.193 χ^2 /NDF:143.4/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 40.223 $\pm$ 1.500 χ^2 /NDF: 288.7/25

reg_asym_us_avg_atlr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -133.038+/-0.117 χ^2/NDF : 165414.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

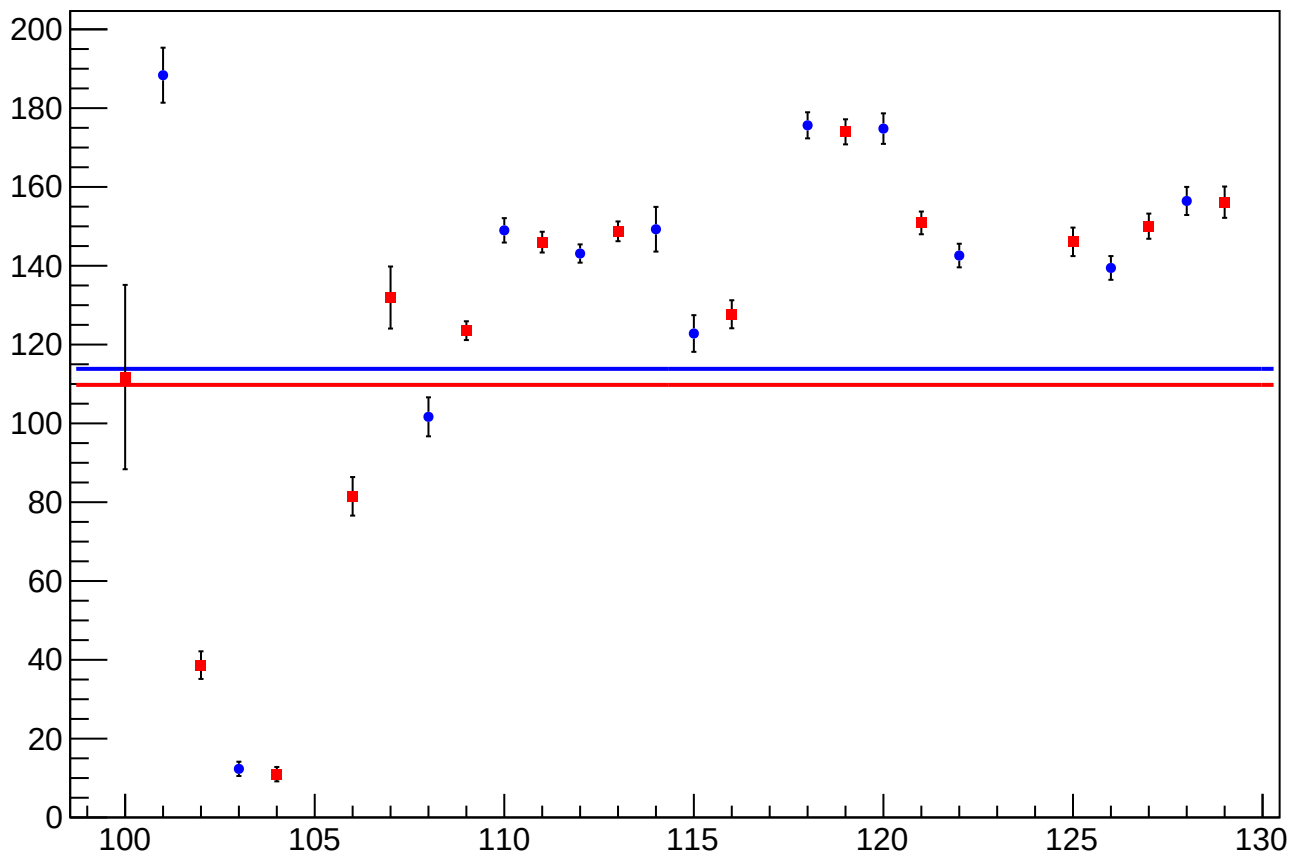
Right: -126.483+/-0.079 χ^2/NDF : 385190.7/25

In: -133.038+/-0.117 χ^2/NDF :165414.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -126.483+/-0.079 χ^2/NDF : 385190.7/25

reg_asym_us_avg_atlr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 113.838+/-0.917 χ^2/NDF : 4473.8/11

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

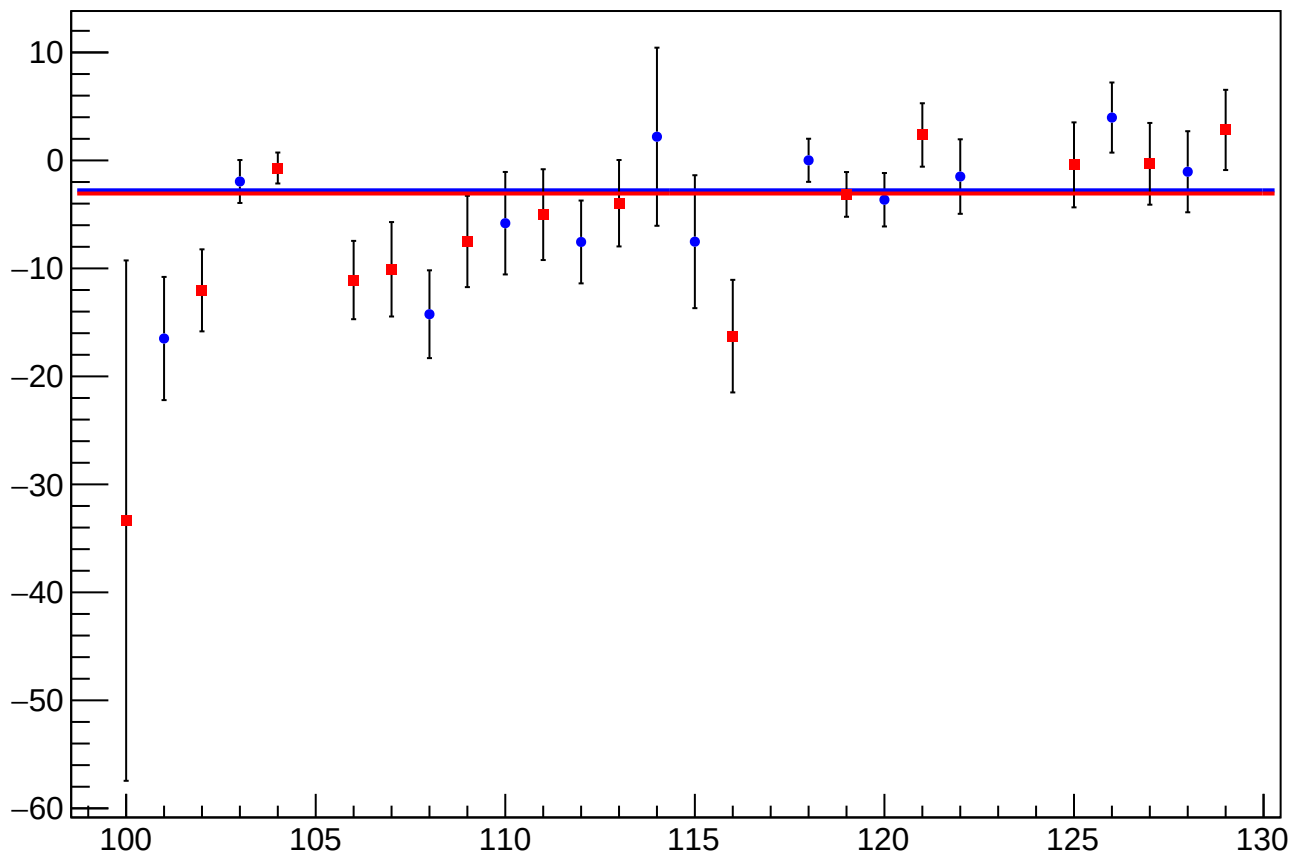
Right: 111.600+/-0.615 χ^2/NDF : 9357.2/25

In: 113.838+/-0.917 χ^2/NDF :4473.8/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 111.600+/-0.615 χ^2/NDF : 9357.2/25

reg_asym_us_avg_atlr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.768+/-0.928 χ^2 /NDF: 23.6/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -3.065+/-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

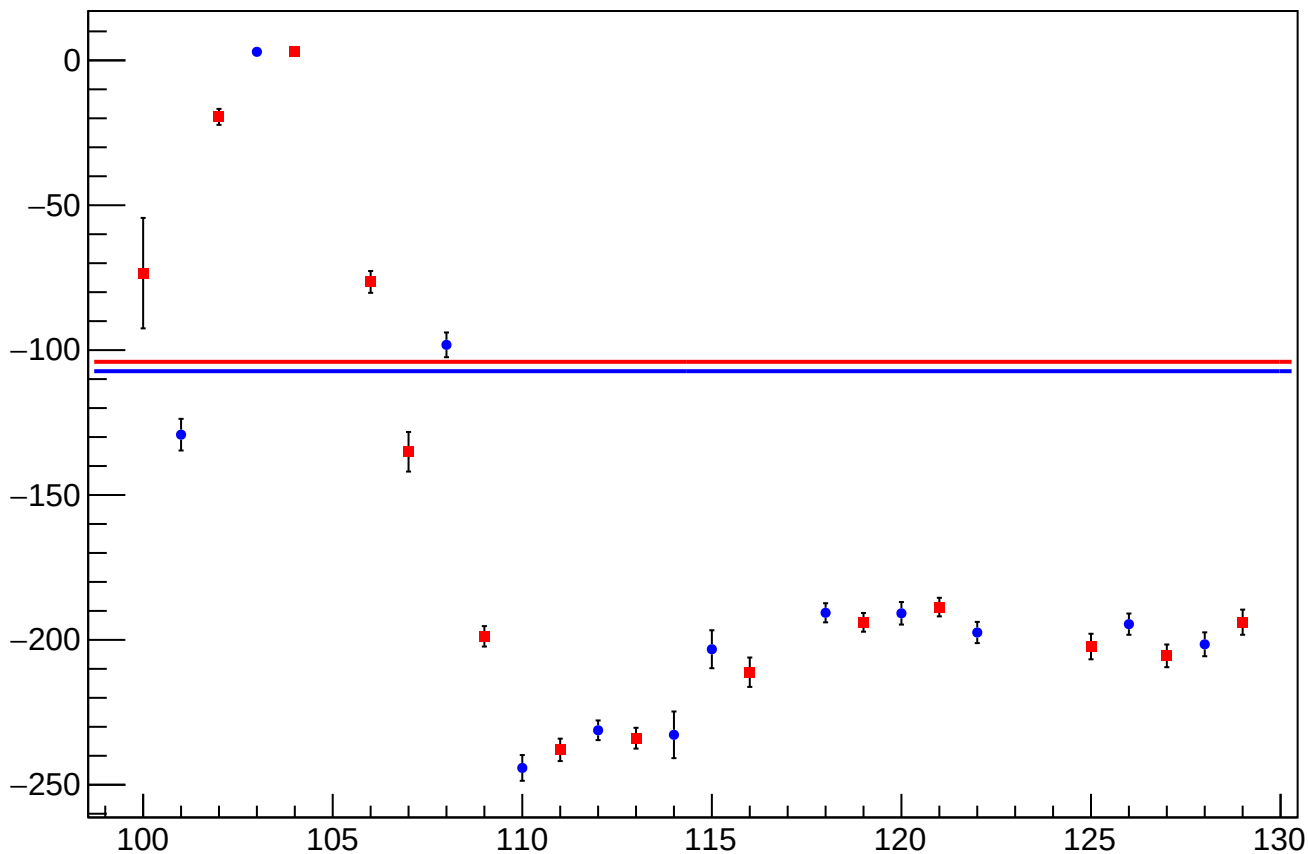
Right: -2.933+/-0.618 χ^2 /NDF: 55.6/25

In: -2.768+/-0.928 χ^2 /NDF:23.6/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2.933+/-0.618 χ^2 /NDF: 55.6/25

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -107.269+/-0.945 χ^2/NDF : 11517.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

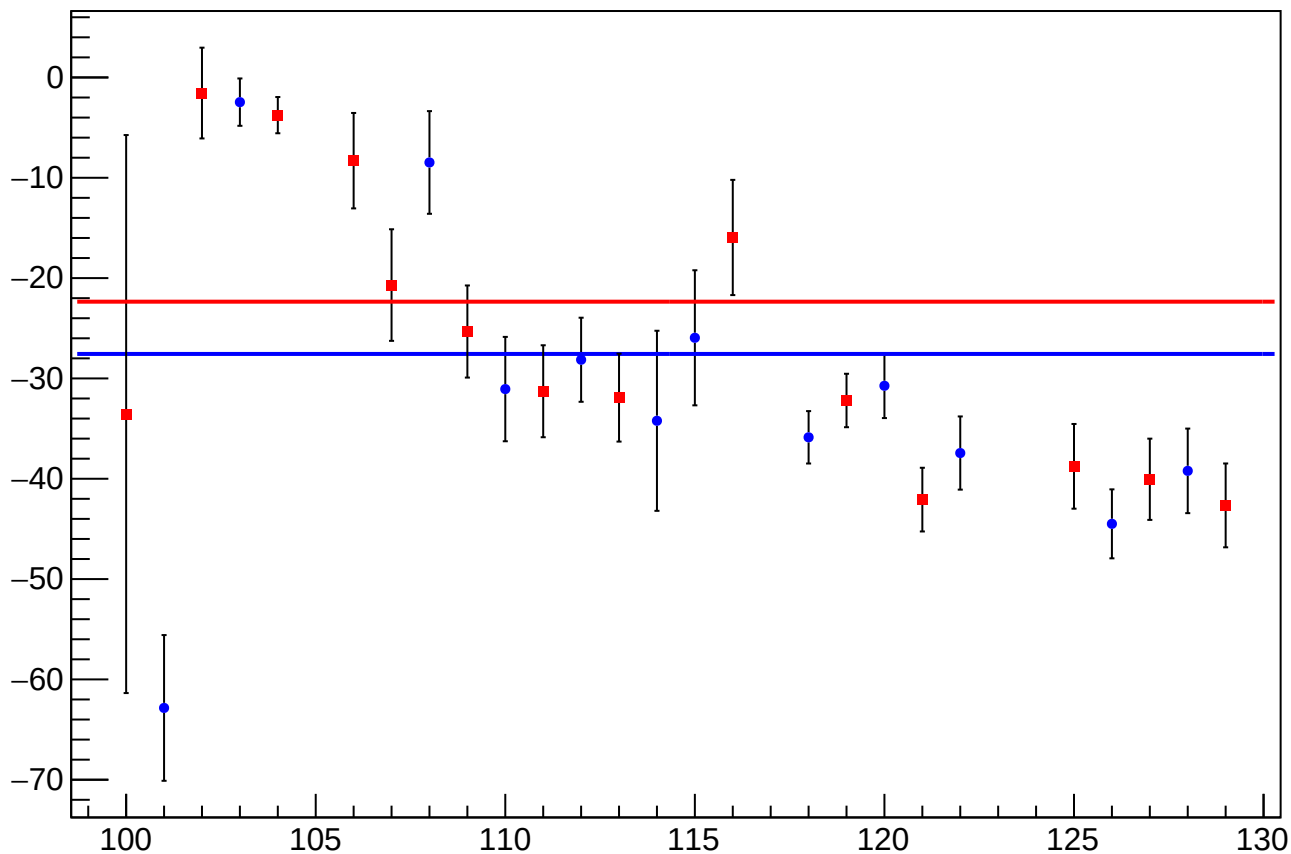
Right: -105.511+/-0.638 χ^2/NDF : 24790.8/25

In: -107.269+/-0.945 χ^2/NDF : 11517.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -105.511+/-0.638 χ^2/NDF : 24790.8/25

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -27.559+/-1.101 χ^2/NDF : 202.0/11

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

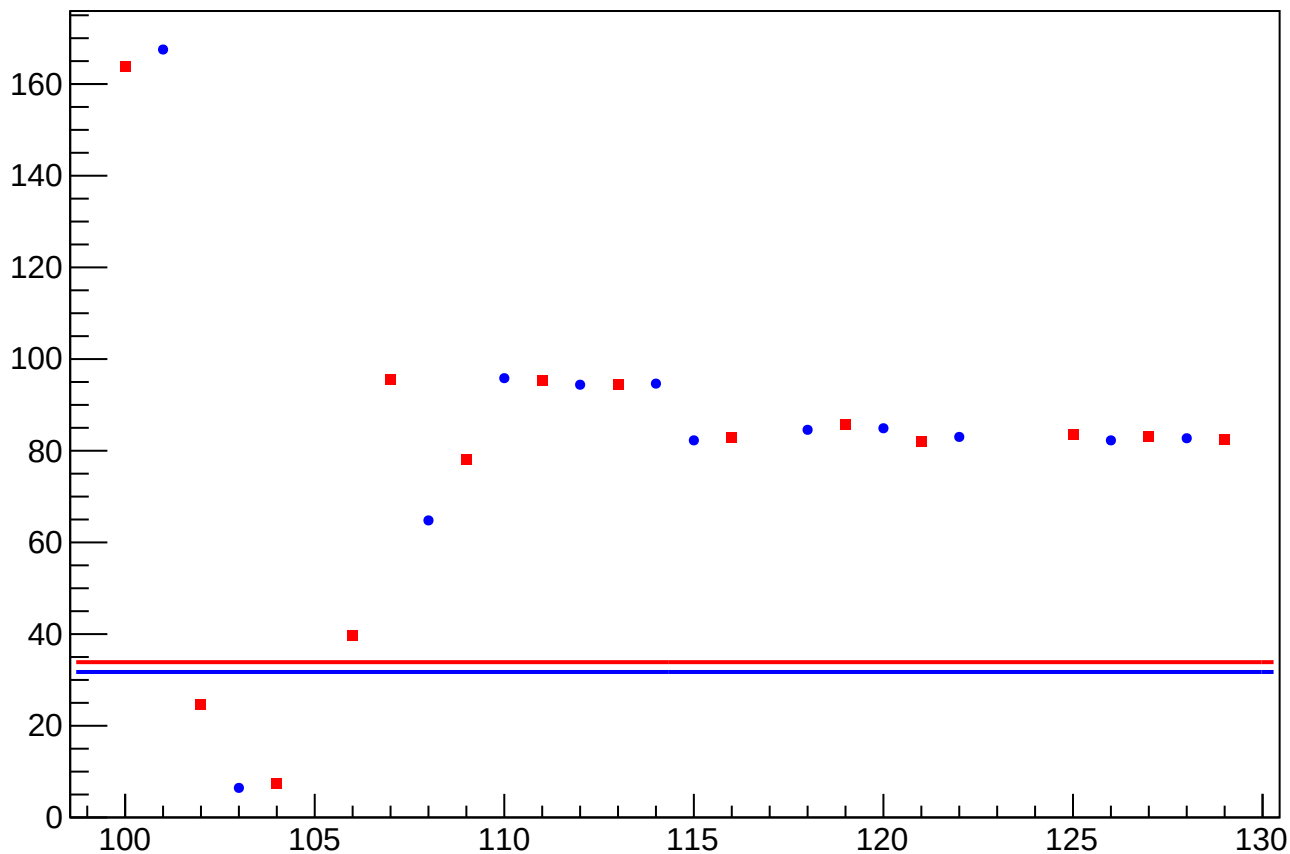
Right: -24.672+/-0.735 χ^2/NDF : 470.9/25

In: -27.559+/-1.101 χ^2/NDF : 202.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.672+/-0.735 χ^2/NDF : 470.9/25

reg_asym_us_avg_atlr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 31.736+/-0.049 χ^2/NDF : 658814.5/11

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

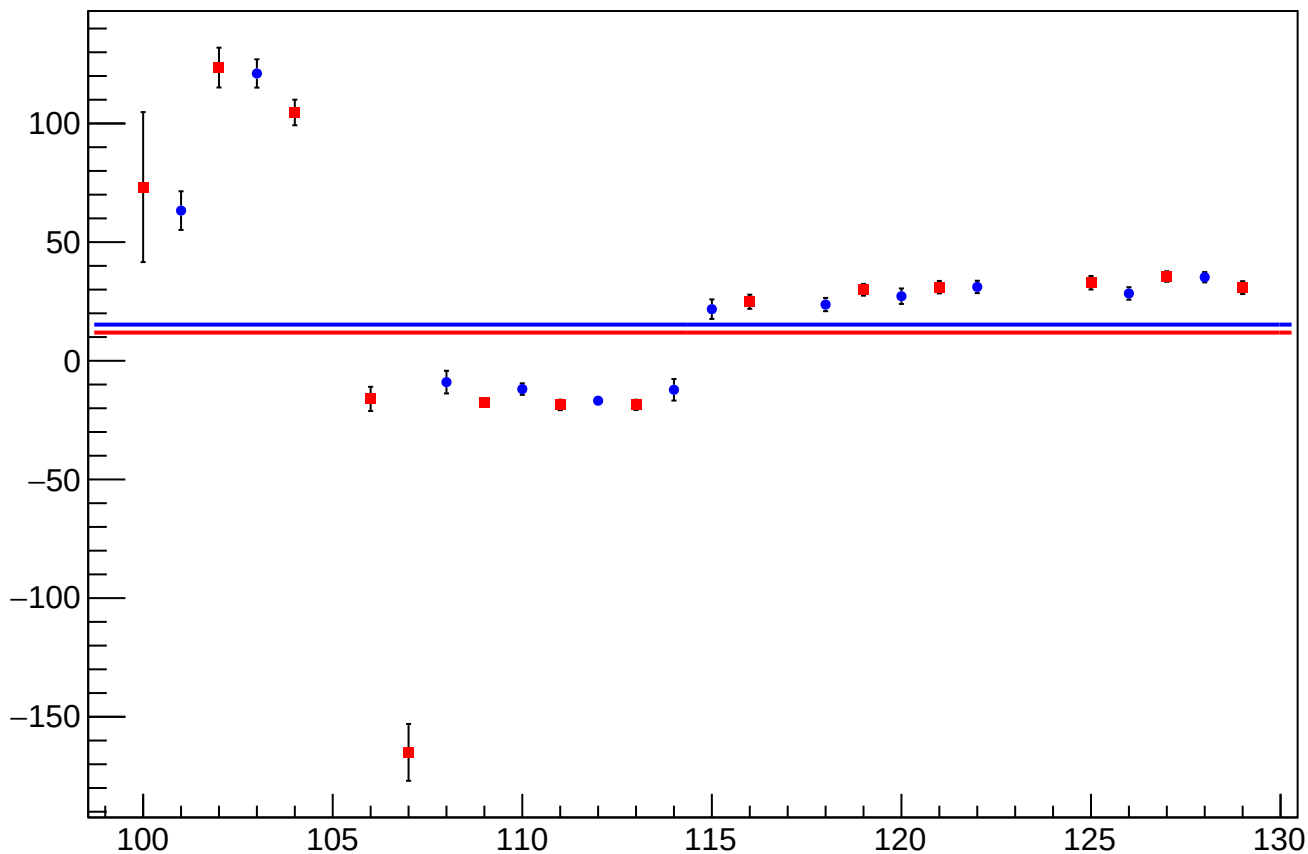
Right: 32.830+/-0.034 χ^2/NDF : 1159883.1/25

In: 31.736+/-0.049 χ^2/NDF : 658814.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.830+/-0.034 χ^2/NDF : 1159883.1/25

reg_asym_us_dd_at1lr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 15.245+/-0.866 χ^2/NDF : 958.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

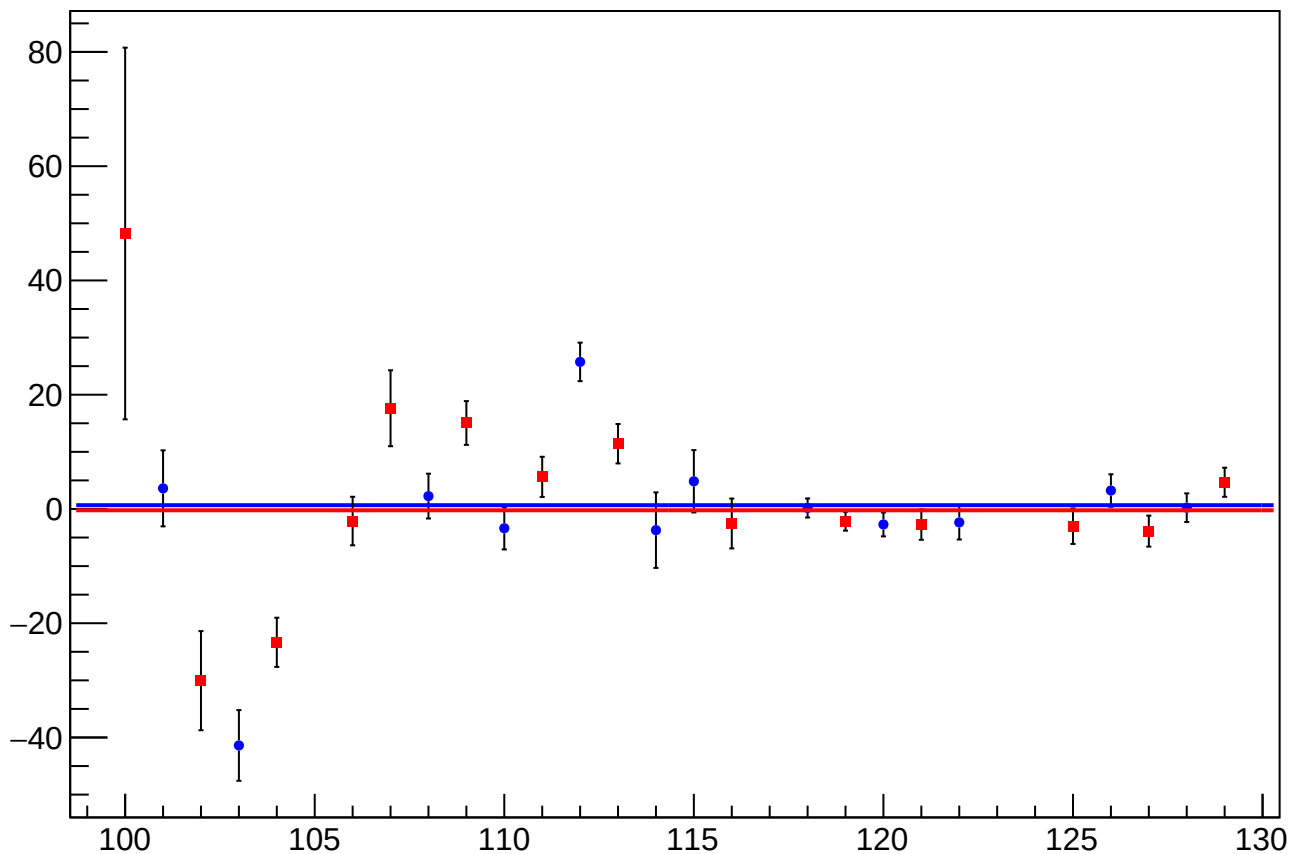
Right: 13.398+/-0.581 χ^2/NDF : 2626.8/25

In: 15.245+/-0.866 χ^2/NDF : 958.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.398+/-0.581 χ^2/NDF : 2626.8/25

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.658+/-0.873 χ^2/NDF : 108.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.232+/-0.866 χ^2/NDF : 89.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

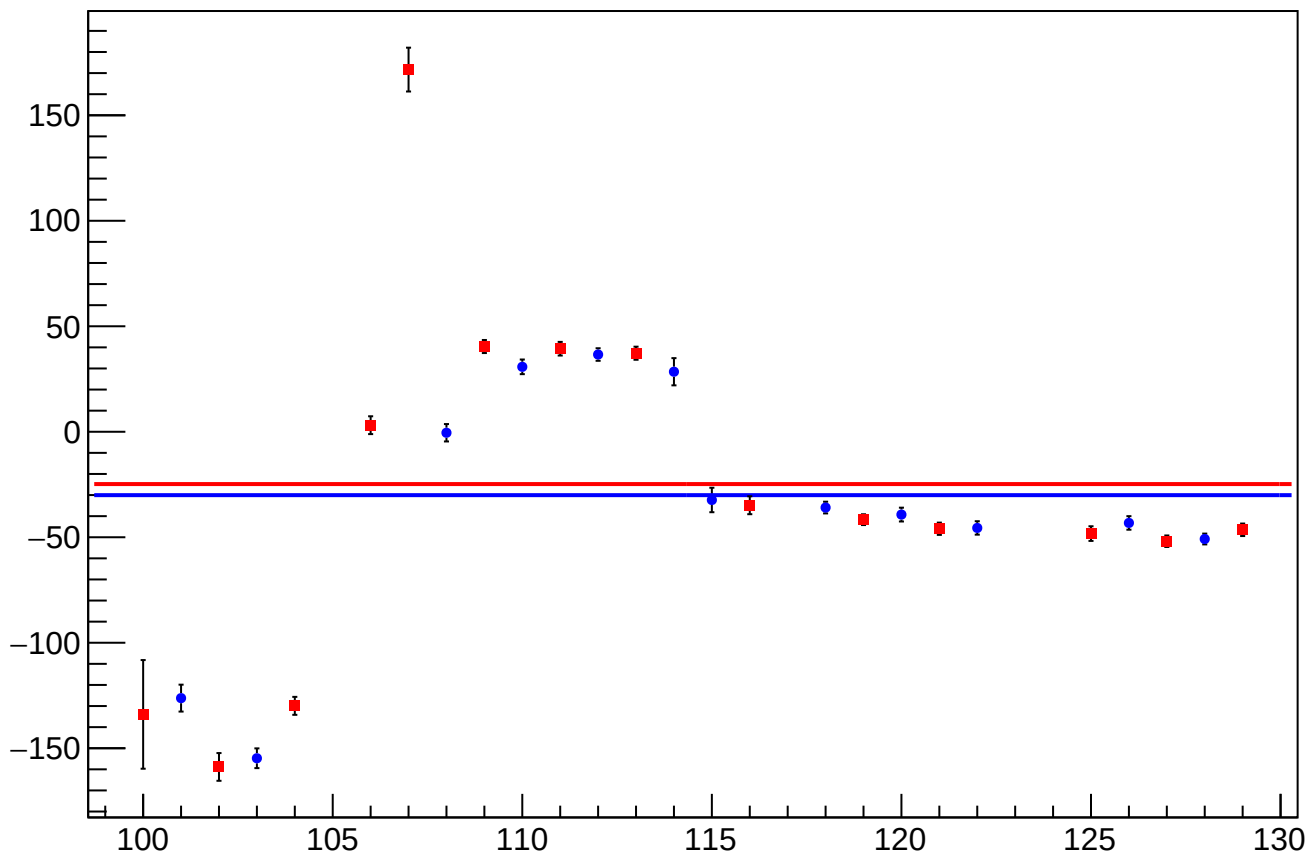
Right: 0.209+/-0.615 χ^2/NDF : 198.4/25

In: 0.658+/-0.873 χ^2/NDF : 108.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.209+/-0.615 χ^2/NDF : 198.4/25

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -30.043+/-1.026 χ^2/NDF : 1999.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

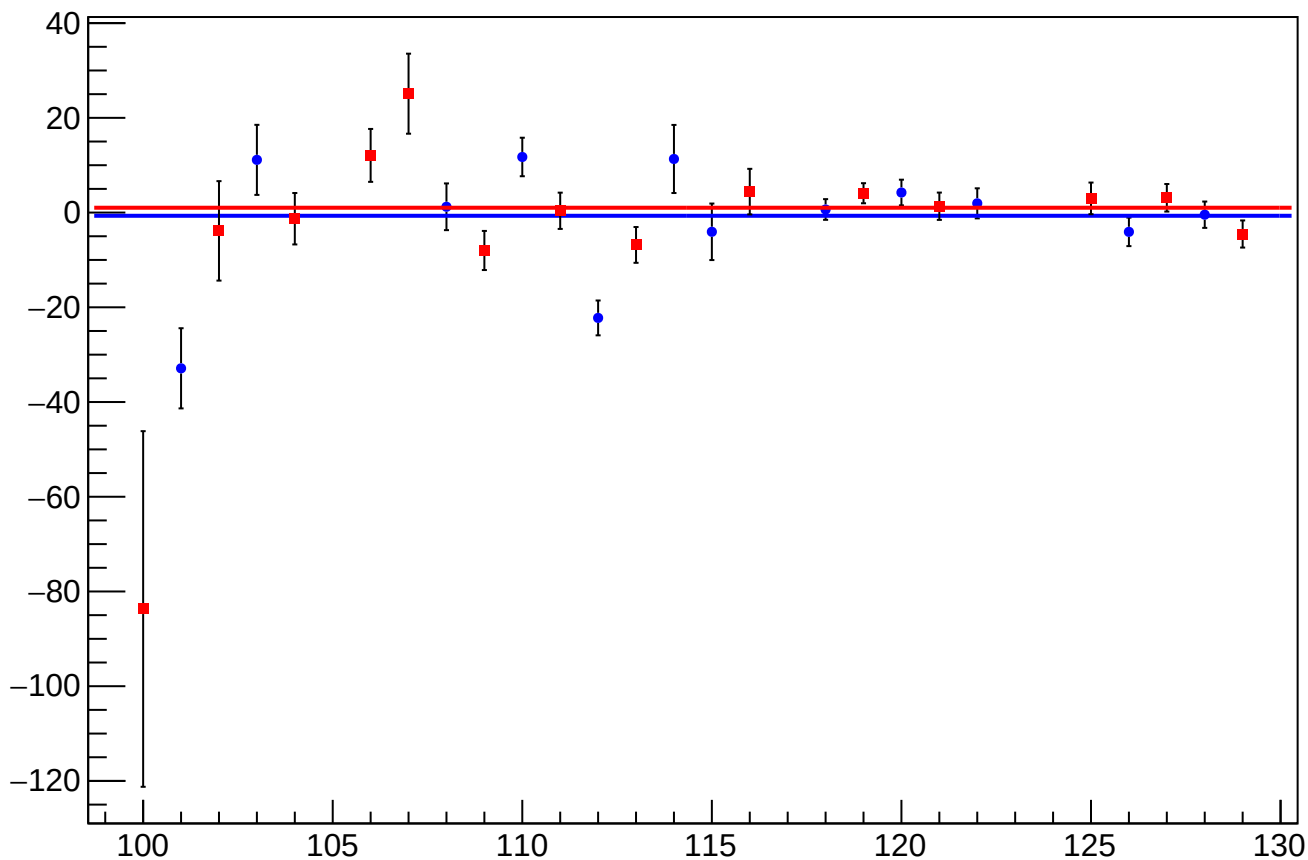
Right: -27.215+/-0.697 χ^2/NDF : 4997.4/25

In: -30.043+/-1.026 χ^2/NDF : 1999.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.215+/-0.697 χ^2/NDF : 4997.4/25

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.677 ± 1.032 χ^2/NDF : 69.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.022 ± 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

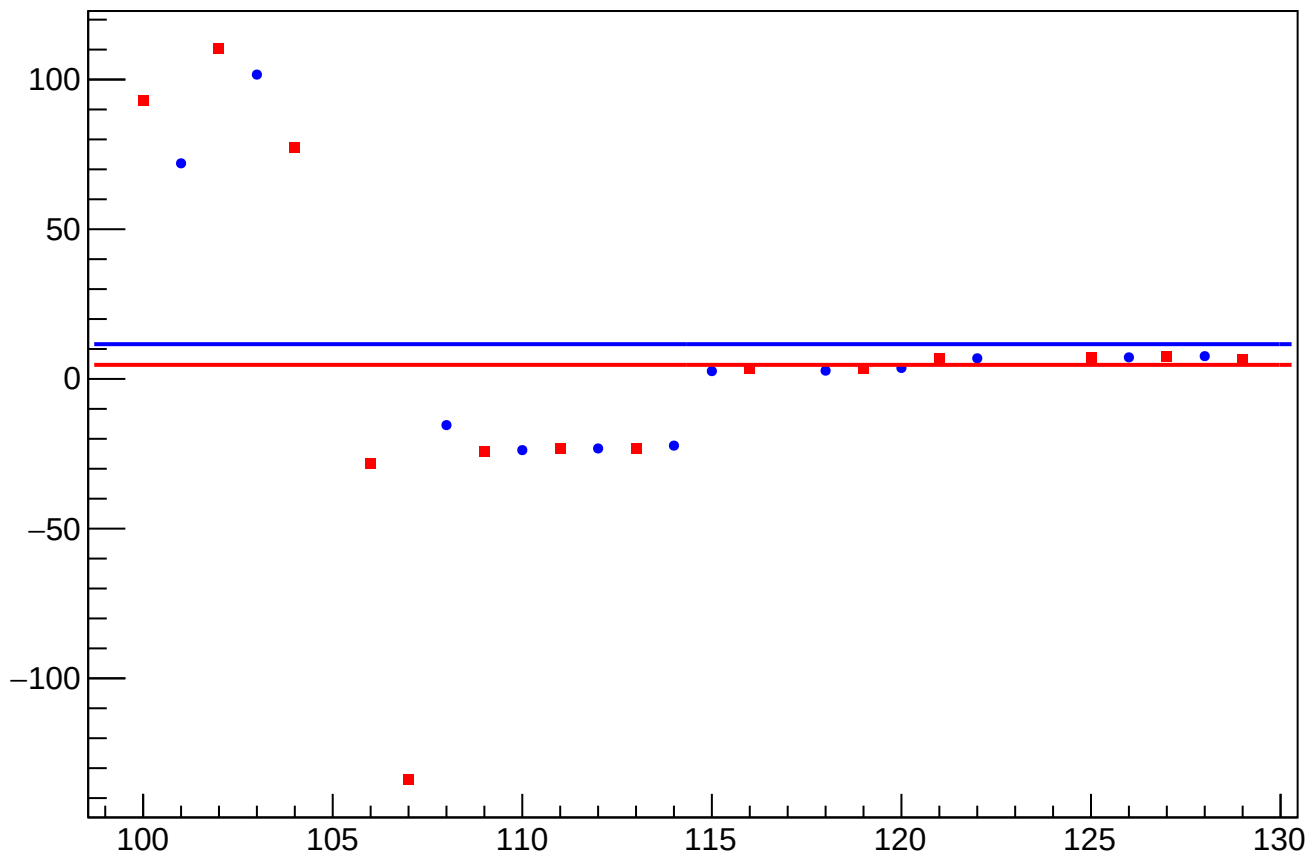
Right: 0.200 ± 0.717 χ^2/NDF : 104.9/25

In: -0.677 ± 1.032 χ^2/NDF : 69.6/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.200 ± 0.717 χ^2/NDF : 104.9/25

reg_asym_us_dd_at1lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 11.609+/-0.071 χ^2/NDF : 308245.3/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 4.698+/-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

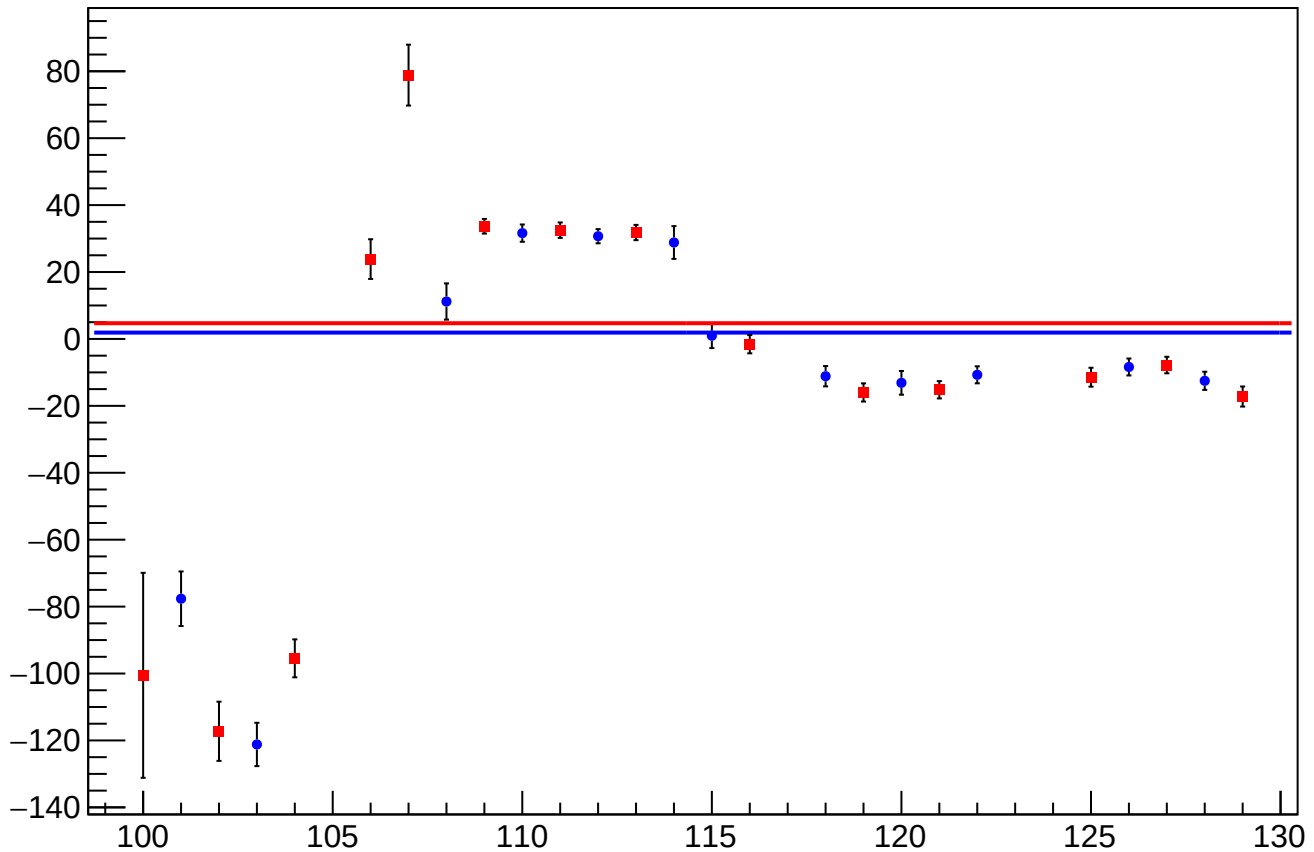
Right: 7.961+/-0.049 χ^2/NDF : 759867.9/25

In: 11.609+/-0.071 χ^2/NDF :308245.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7.961+/-0.049 χ^2/NDF : 759867.9/25

reg_asym_us_dd_at1lr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.894+/-0.915 χ^2/NDF : 912.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

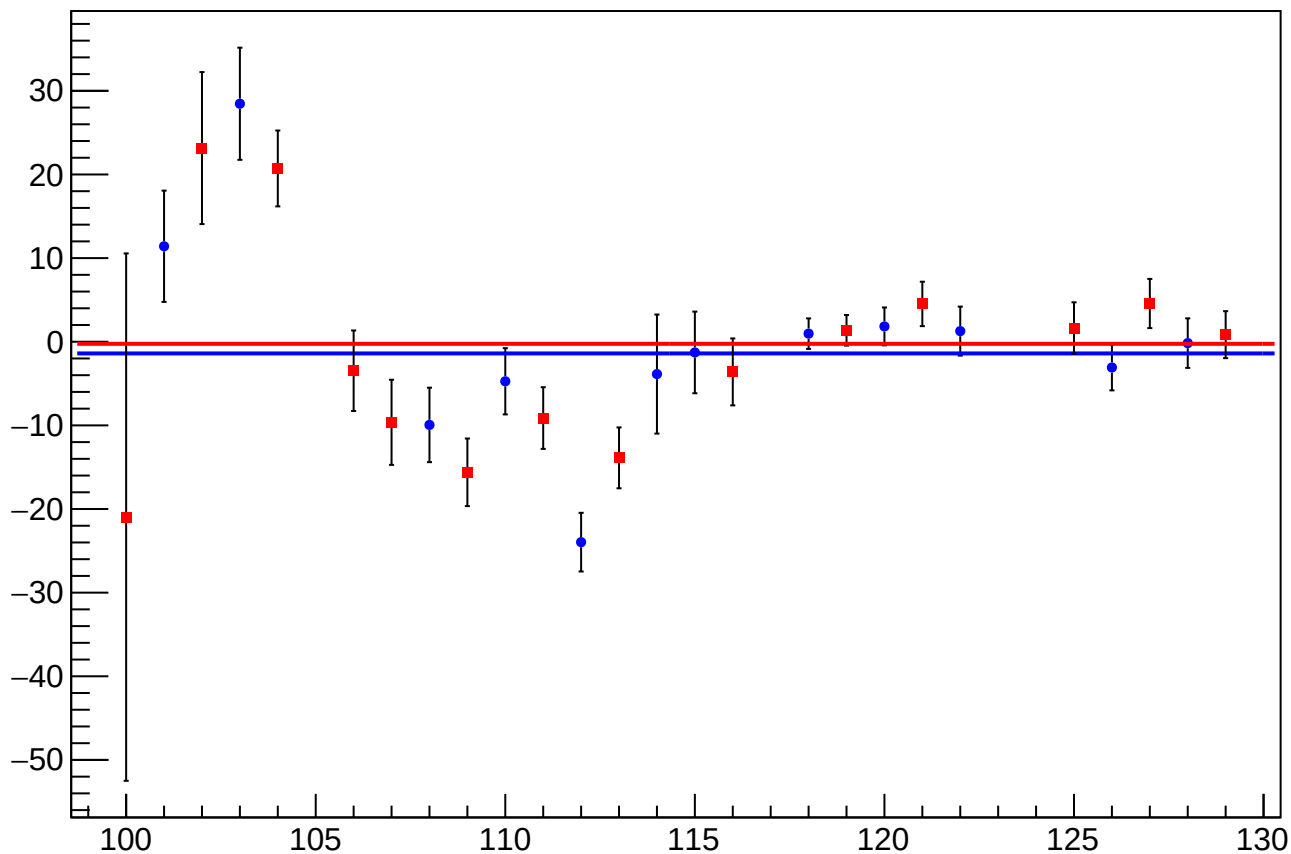
Right: 3.452+/-0.610 χ^2/NDF : 2204.1/25

In: 1.894+/-0.915 χ^2/NDF : 912.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.452+/-0.610 χ^2/NDF : 2204.1/25

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.398+/-0.928 χ^2 /NDF: 74.6/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.246+/-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

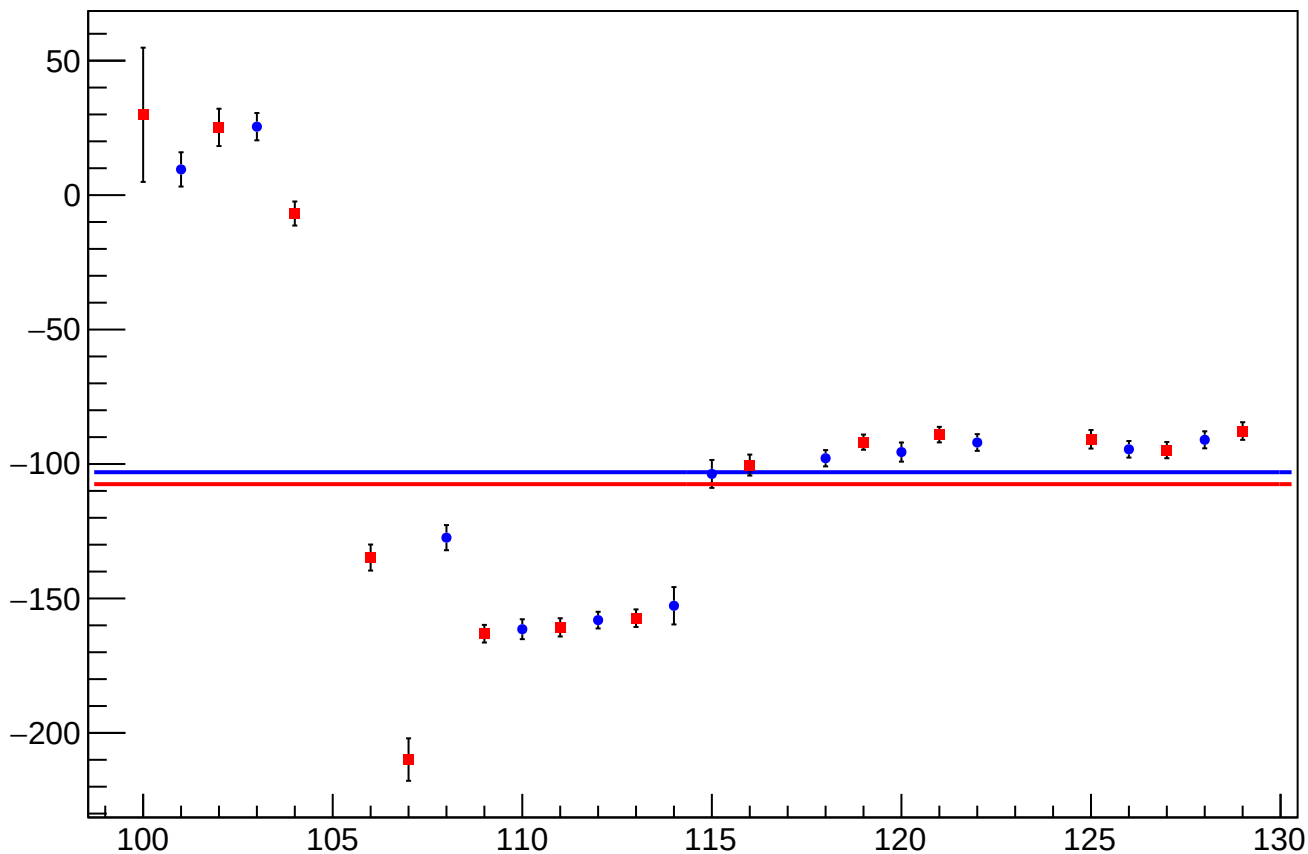
Right: -0.811+/-0.650 χ^2 /NDF: 149.9/25

In: -1.398+/-0.928 χ^2 /NDF:74.6/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.811+/-0.650 χ^2 /NDF: 149.9/25

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -103.049+/-1.091 χ^2 /NDF: 1635.8/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -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

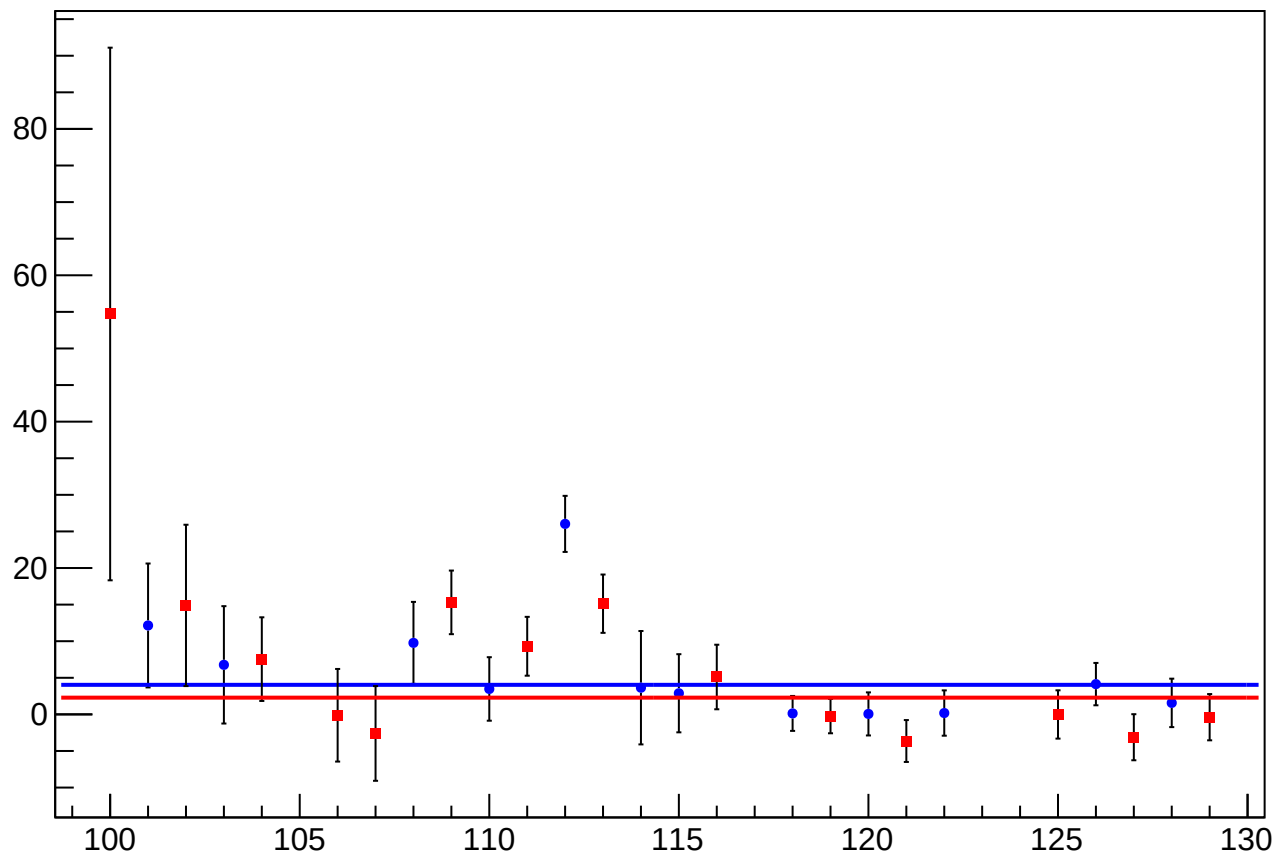
Right: -105.464+/-0.737 χ^2 /NDF: 3665.5/25

In: -103.049+/-1.091 χ^2 /NDF:1635.8/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -105.464+/-0.737 χ^2 /NDF: 3665.5/25

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.038 $\pm$ 1.091 χ^2 /NDF: 41.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.287 $\pm$ 1.046 χ^2 /NDF: 37.4/13

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

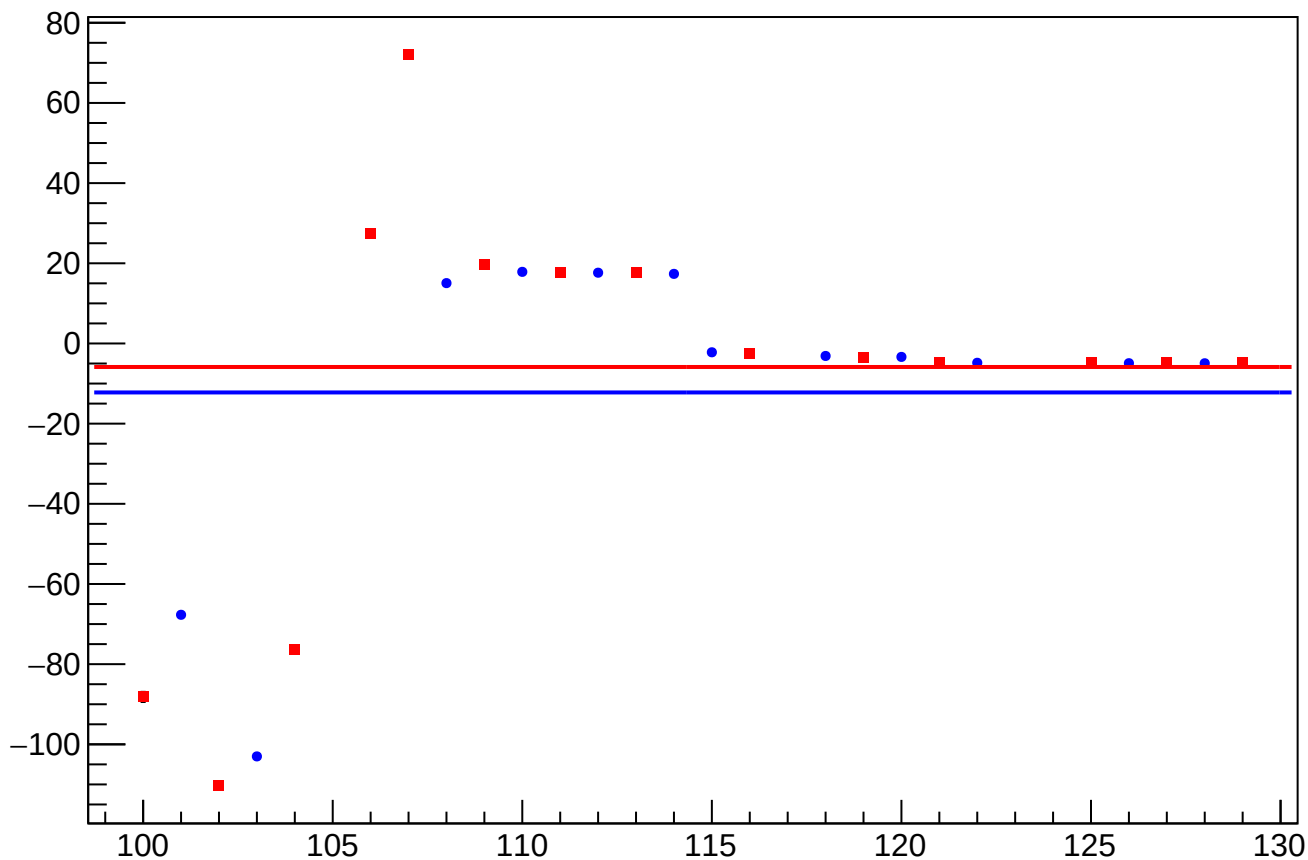
Right: 3.126 $\pm$ 0.755 χ^2 /NDF: 80.4/25

In: 4.038 $\pm$ 1.091 χ^2 /NDF:41.7/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.126 $\pm$ 0.755 χ^2 /NDF: 80.4/25

reg_asym_us_dd_at1lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -12.218+/-0.076 χ^2/NDF : 256820.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.865+/-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

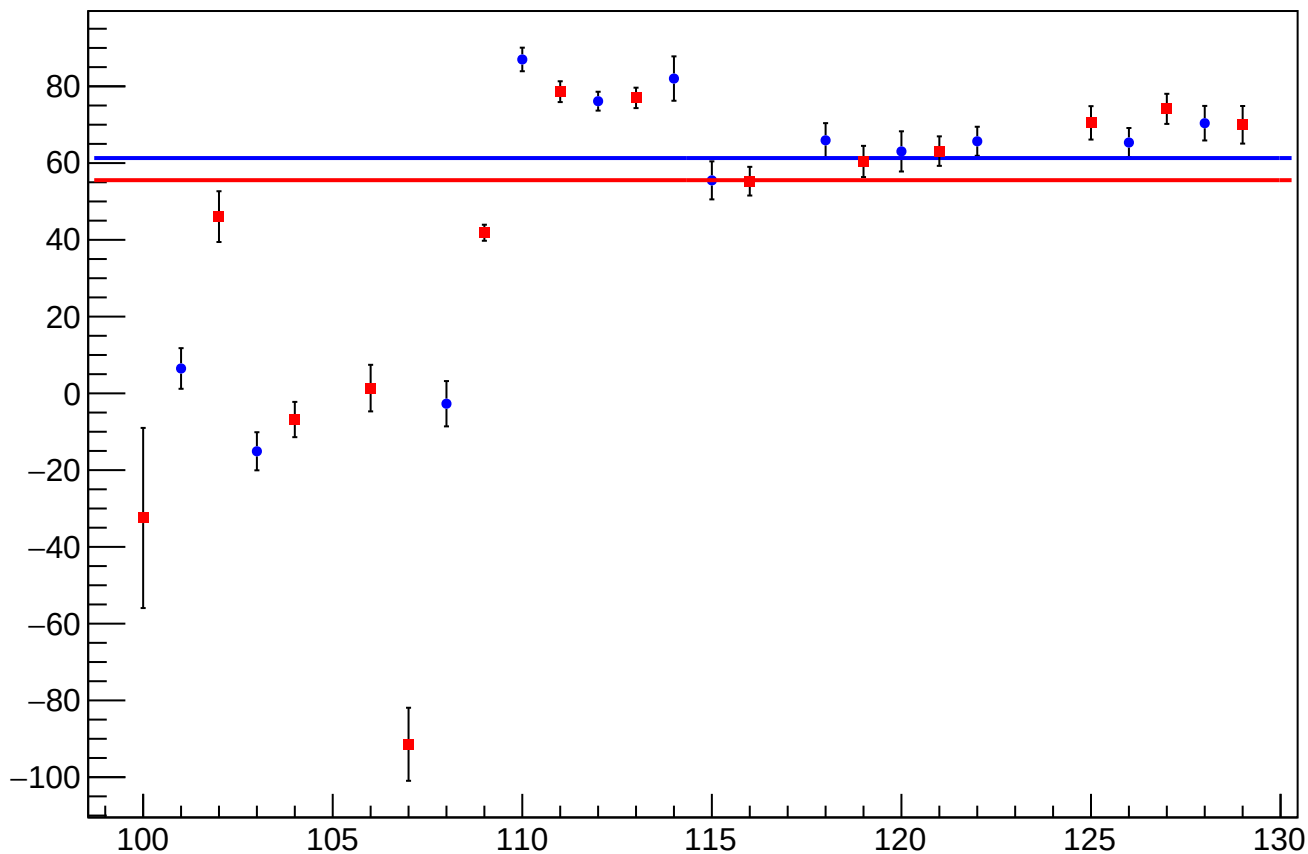
Right: -8.810+/-0.052 χ^2/NDF : 599447.8/25

In: -12.218+/-0.076 χ^2/NDF : 256820.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.810+/-0.052 χ^2/NDF : 599447.8/25

reg_asym_us_dd_at2lr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 61.308+/-1.176 χ^2/NDF : 589.8/11

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

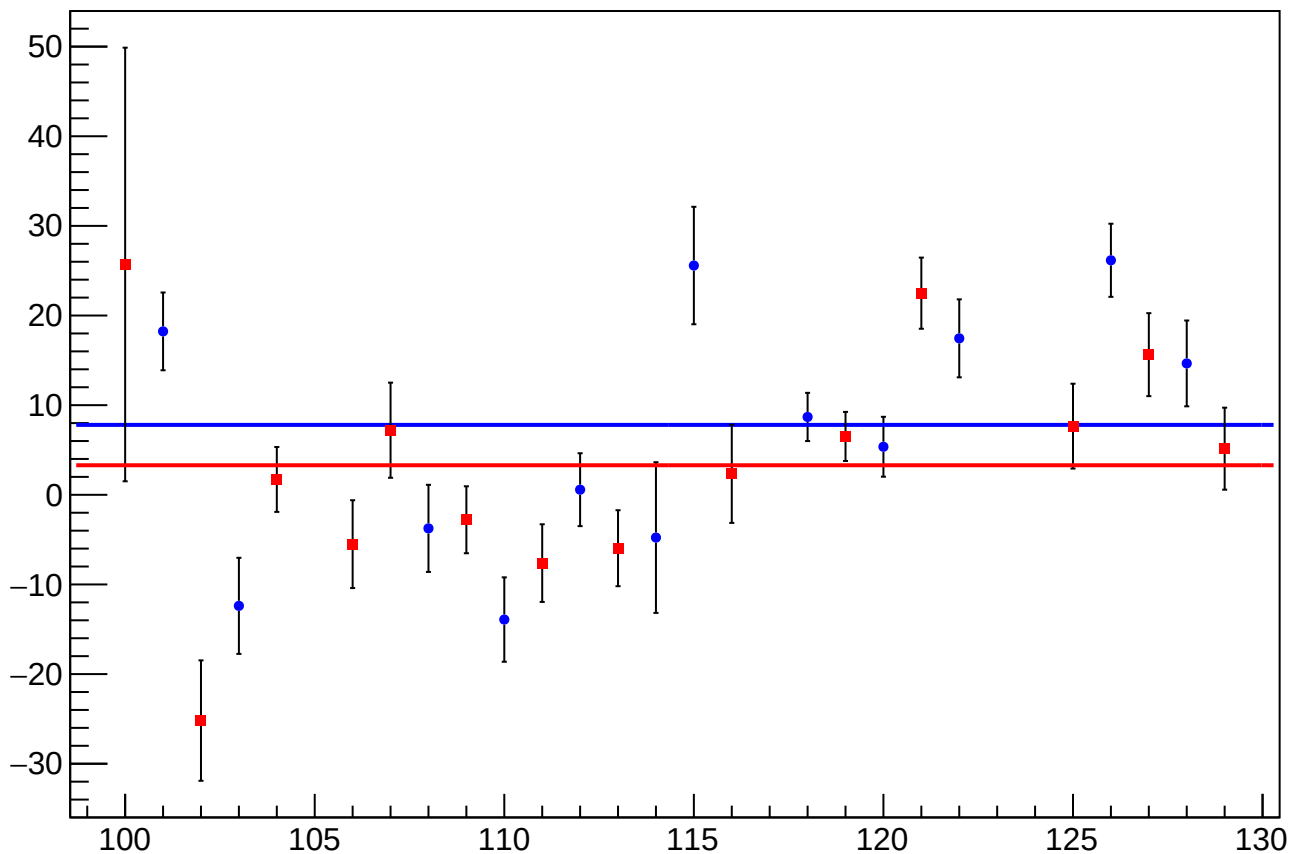
Right: 57.998+/-0.767 χ^2/NDF : 1350.5/25

In: 61.308+/-1.176 χ^2/NDF : 589.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.998+/-0.767 χ^2/NDF : 1350.5/25

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.800+/-1.233 χ^2/NDF : 87.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.297+/-1.172 χ^2/NDF : 69.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

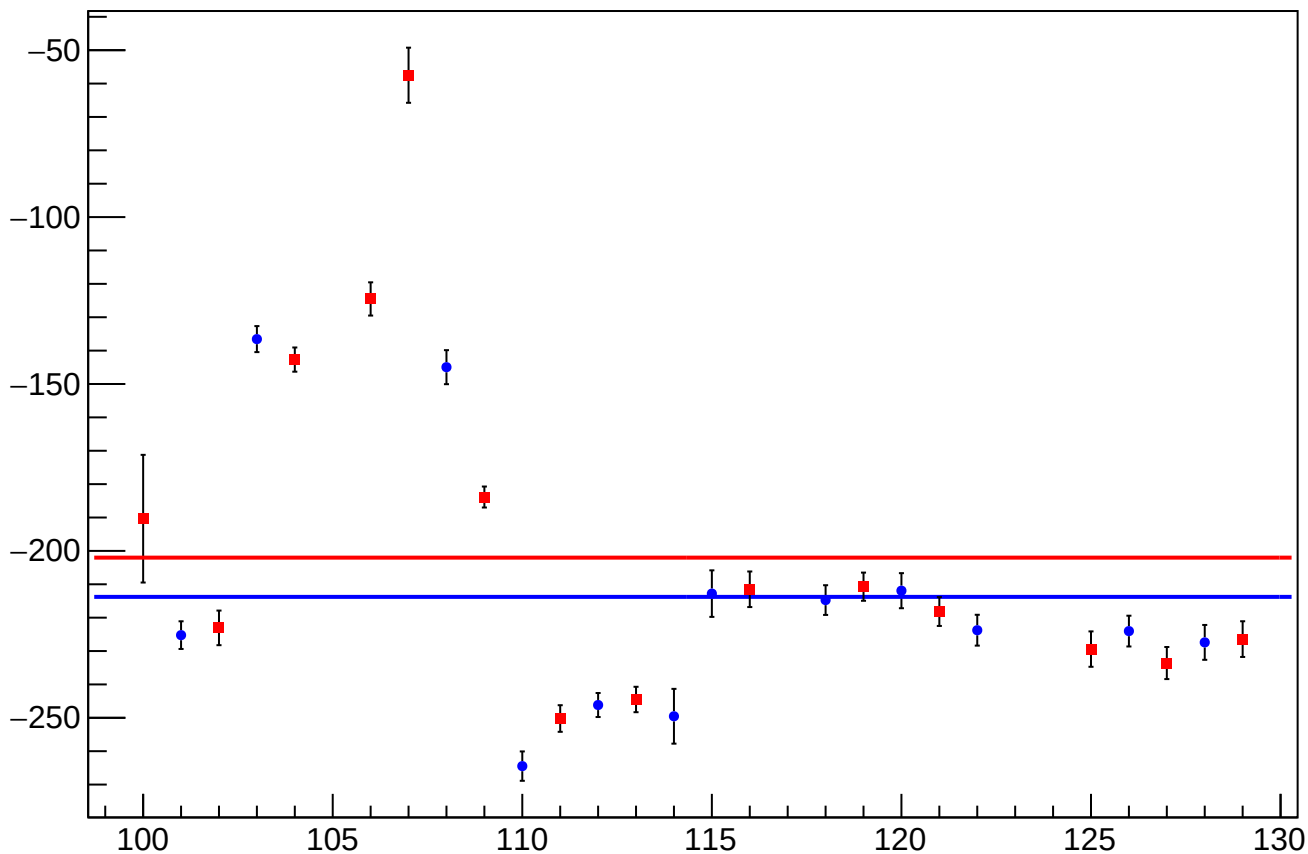
Right: 5.436+/-0.850 χ^2/NDF : 164.0/25

In: 7.800+/-1.233 χ^2/NDF : 87.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.436+/-0.850 χ^2/NDF : 164.0/25

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -213.773+/-1.356 χ^2/NDF : 831.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

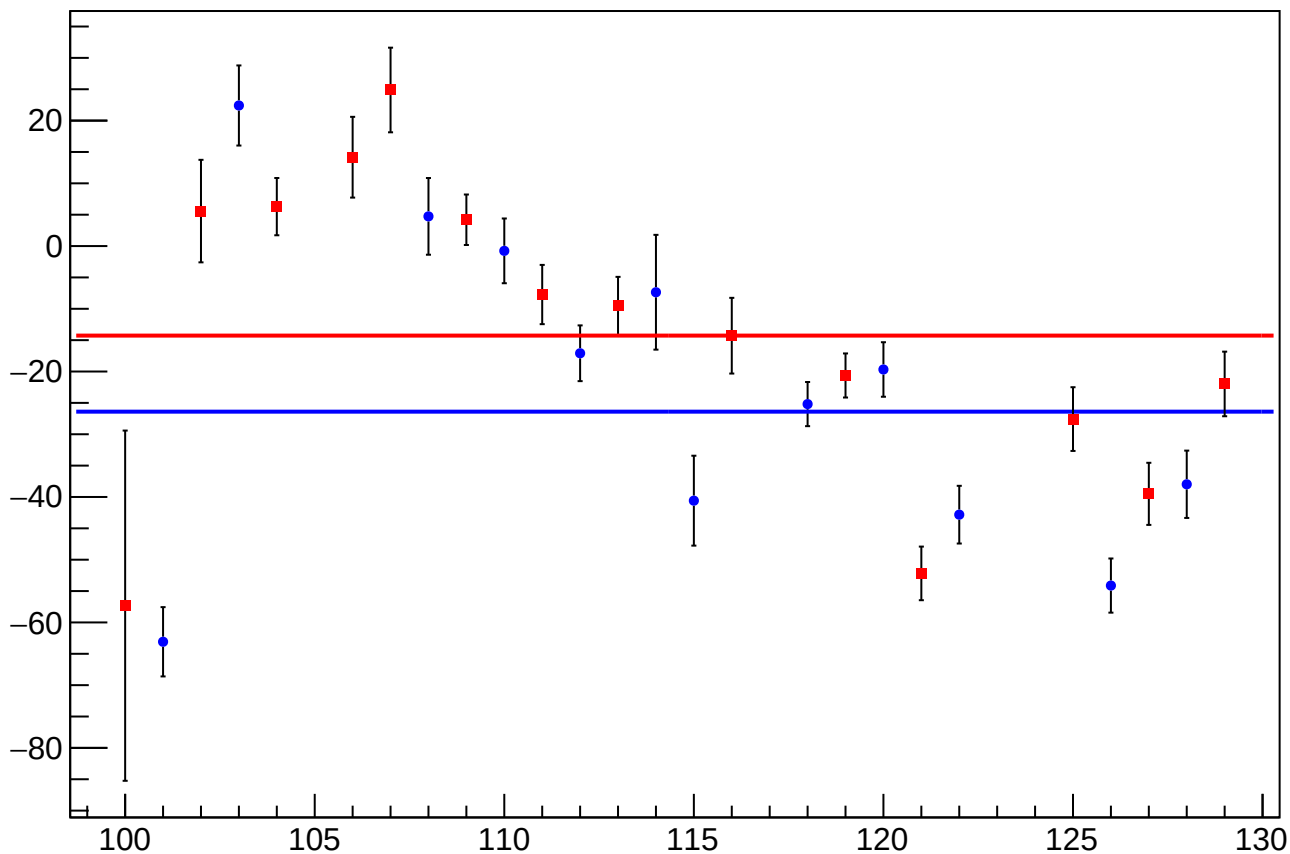
Right: -207.316+/-0.910 χ^2/NDF : 2122.8/25

In: -213.773+/-1.356 χ^2/NDF : 831.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -207.316+/-0.910 χ^2/NDF : 2122.8/25

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -26.398 $\pm$ 1.454 χ^2 /NDF: 226.9/11

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

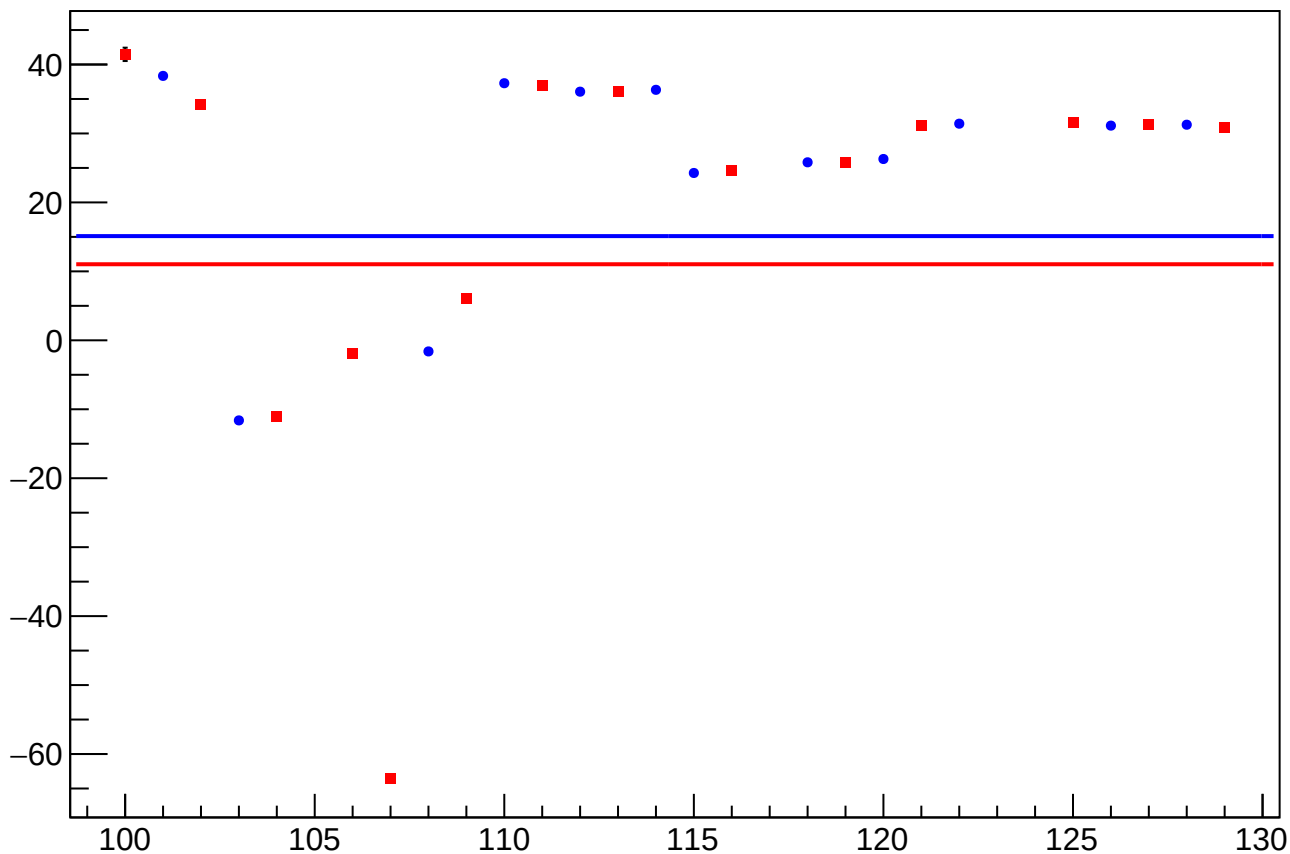
Right: -19.913 $\pm$ 0.992 χ^2 /NDF: 487.0/25

In: -26.398 $\pm$ 1.454 χ^2 /NDF:226.9/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -19.913 $\pm$ 0.992 χ^2 /NDF: 487.0/25

reg_asym_us_dd_at2lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 15.113+/-0.085 χ^2/NDF : 60146.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.032+/-0.078 χ^2/NDF : 108692.4/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

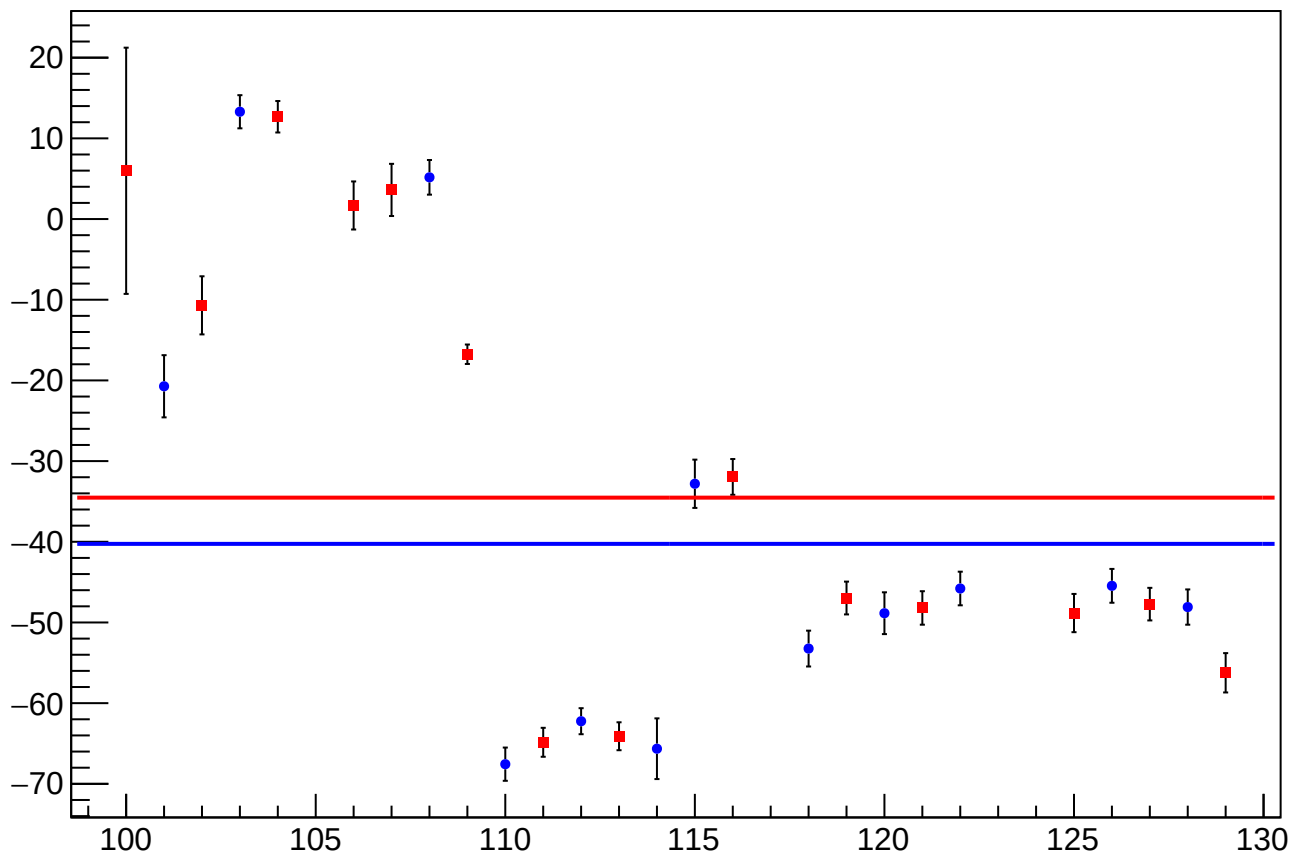
Right: 12.894+/-0.057 χ^2/NDF : 170095.1/25

In: 15.113+/-0.085 χ^2/NDF : 60146.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.894+/-0.057 χ^2/NDF : 170095.1/25

reg_asym_us_dd_at2lr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -40.258+/-0.653 χ^2/NDF : 1636.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -34.529+/-0.563 χ^2/NDF : 1959.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

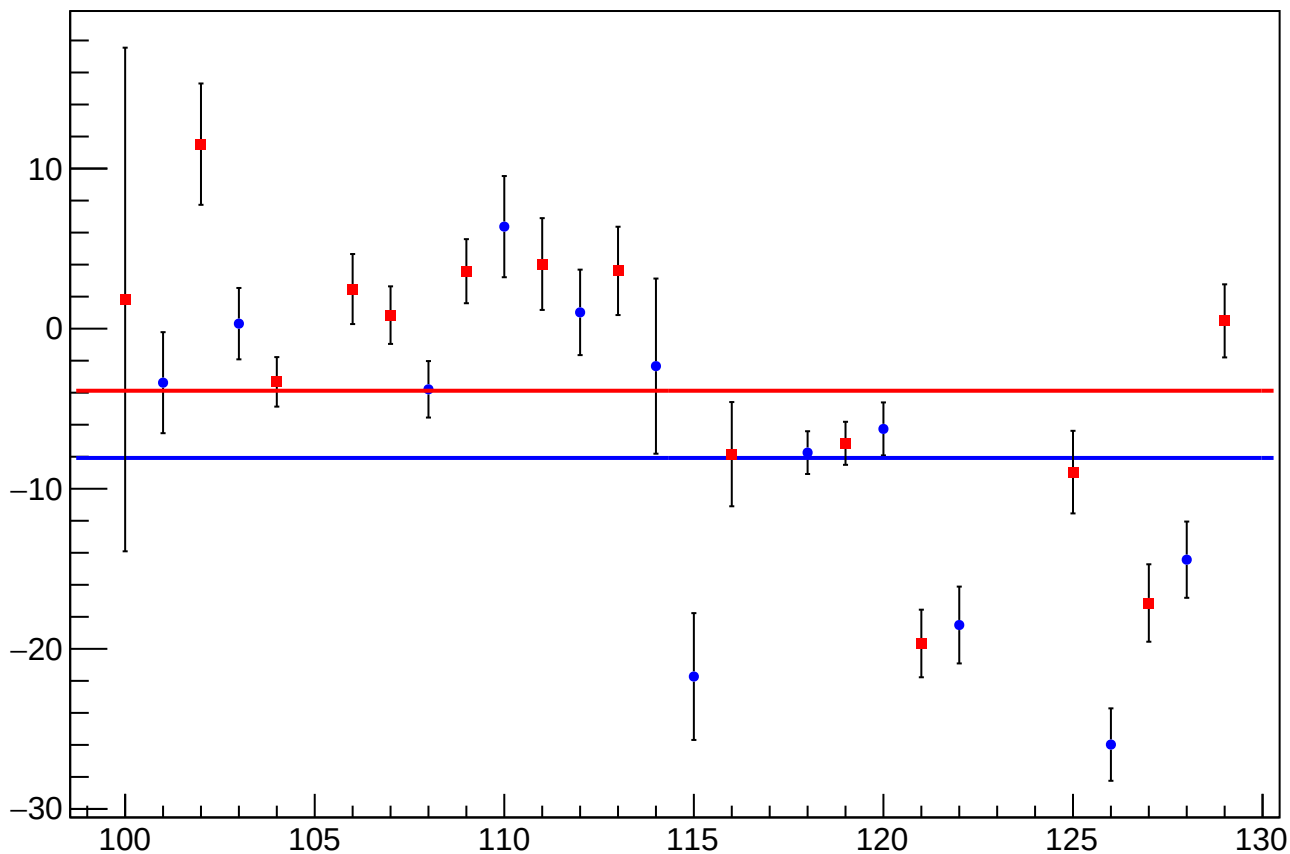
Right: -36.970+/-0.426 χ^2/NDF : 3640.9/25

In: -40.258+/-0.653 χ^2/NDF : 1636.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.970+/-0.426 χ^2/NDF : 3640.9/25

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.076+/-0.641 χ^2/NDF : 157.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

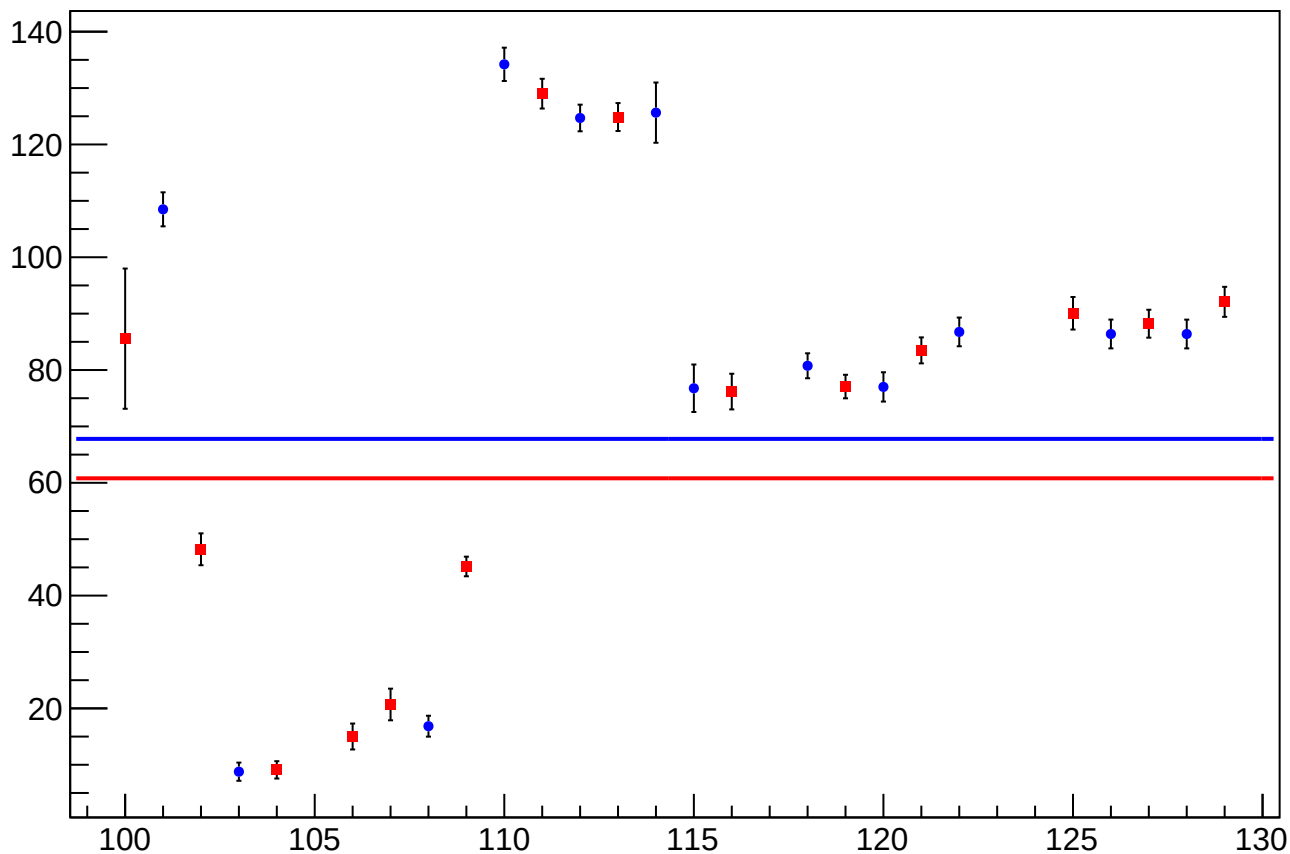
Right: -5.793+/-0.433 χ^2/NDF : 343.0/25

In: -8.076+/-0.641 χ^2/NDF : 157.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.793+/-0.433 χ^2/NDF : 343.0/25

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 67.789+/-0.710 χ^2/NDF : 3692.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 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

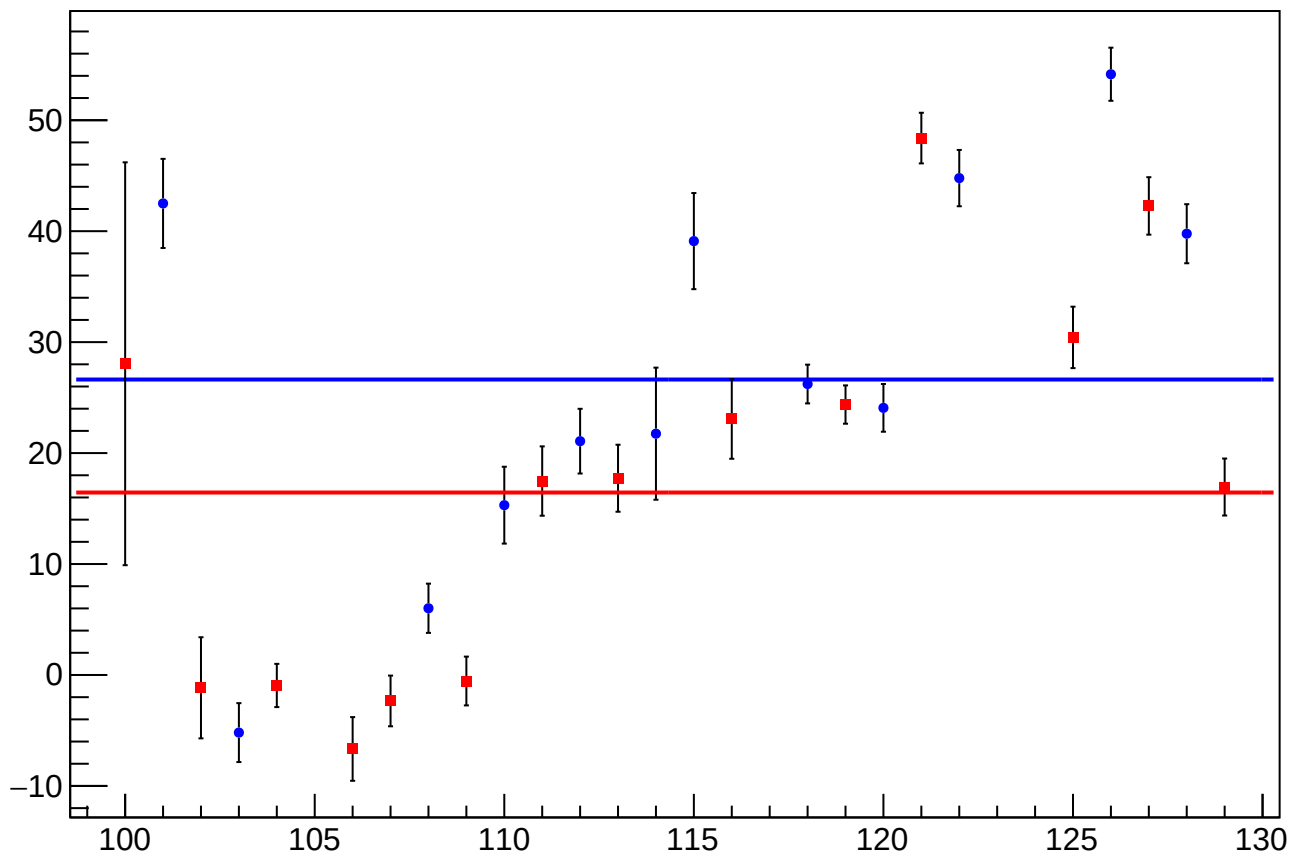
Right: 63.926+/-0.475 χ^2/NDF : 7464.1/25

In: 67.789+/-0.710 χ^2/NDF : 3692.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.926+/-0.475 χ^2/NDF : 7464.1/25

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 26.630+/-0.766 χ^2/NDF : 478.0/11

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

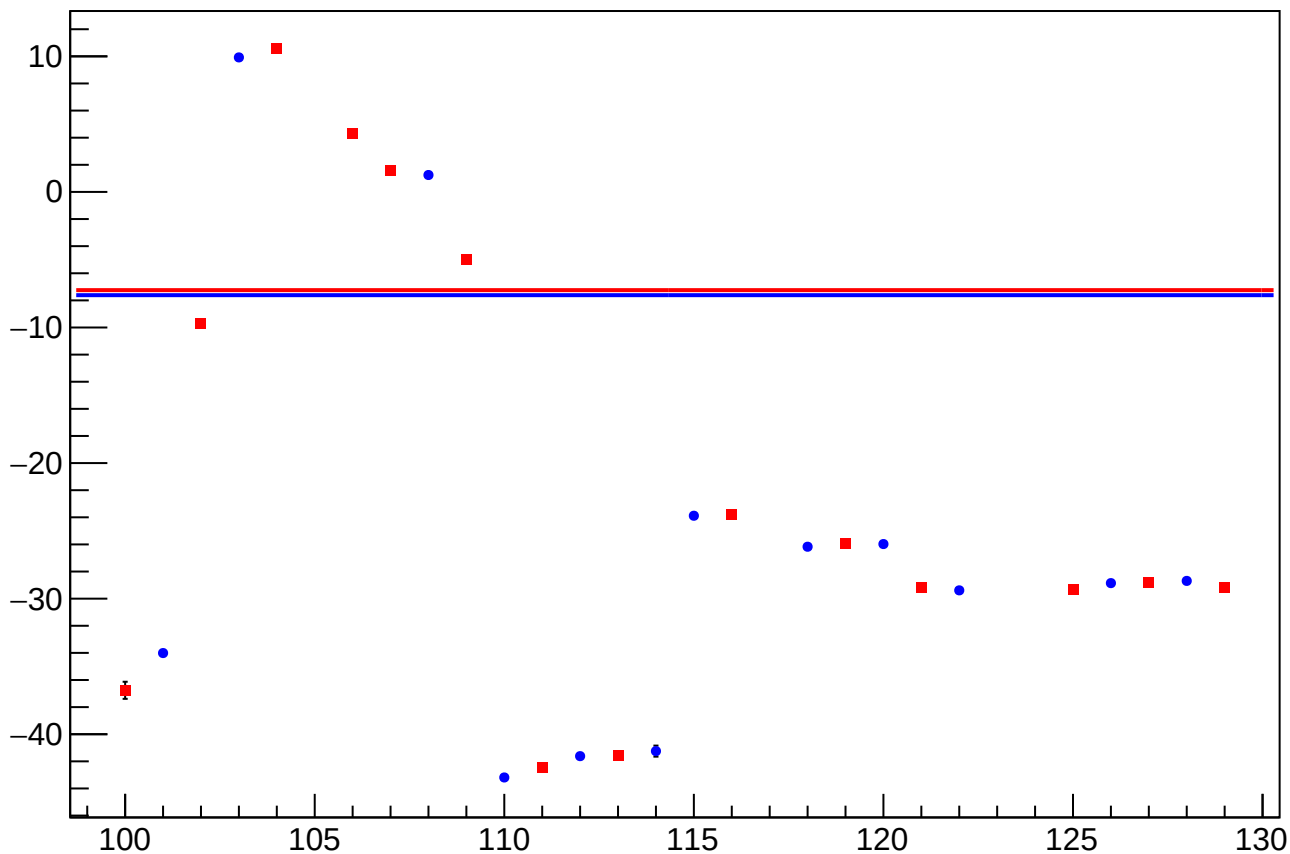
Right: 21.029+/-0.514 χ^2/NDF : 1208.2/25

In: 26.630+/-0.766 χ^2/NDF : 478.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.029+/-0.514 χ^2/NDF : 1208.2/25

reg_asym_us_dd_at2lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -7.615+/-0.040 χ^2/NDF : 221205.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

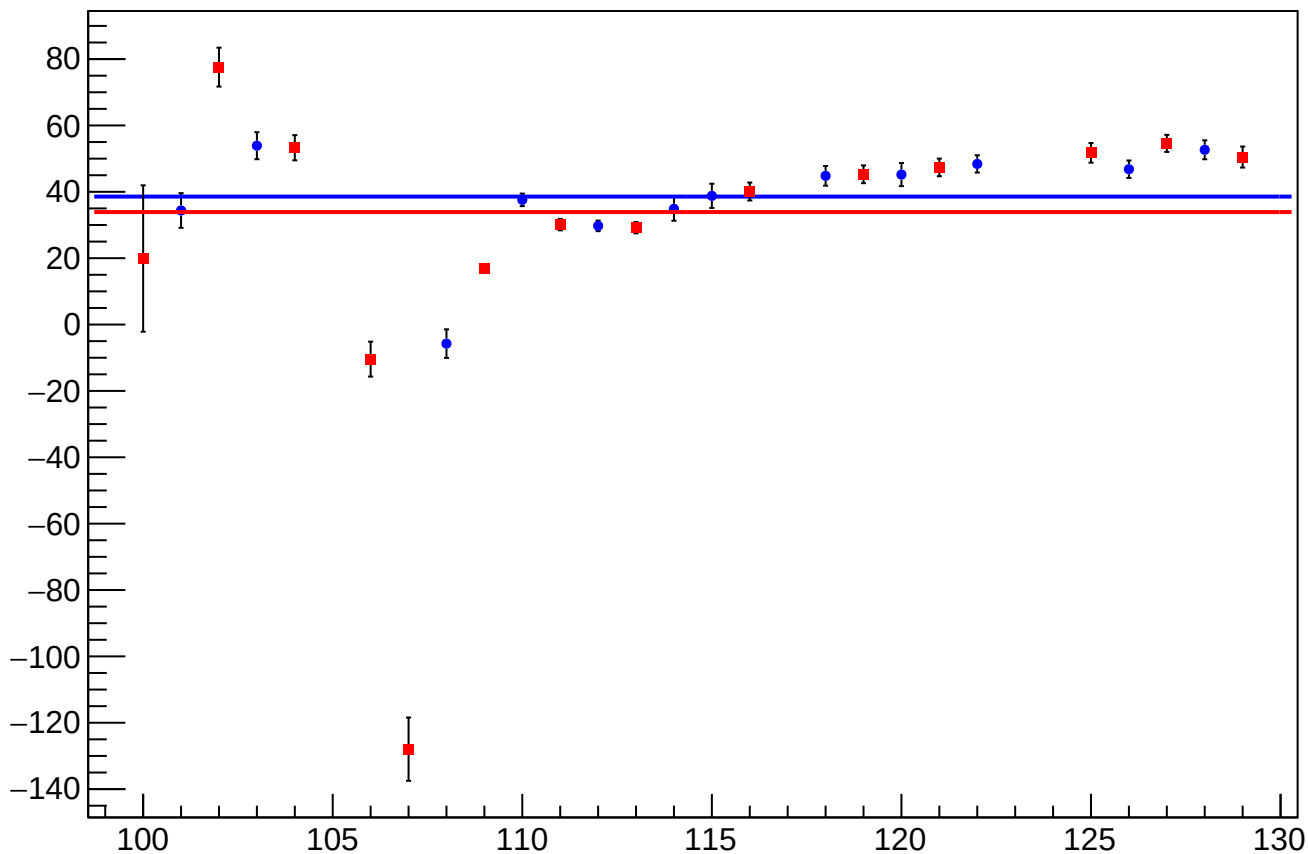
Right: -7.421+/-0.028 χ^2/NDF : 421880.4/25

In: -7.615+/-0.040 χ^2/NDF : 221205.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.421+/-0.028 χ^2/NDF : 421880.4/25

reg_asym_us_dd_atlr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 38.566+/-0.794 χ^2/NDF : 209.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.896+/-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

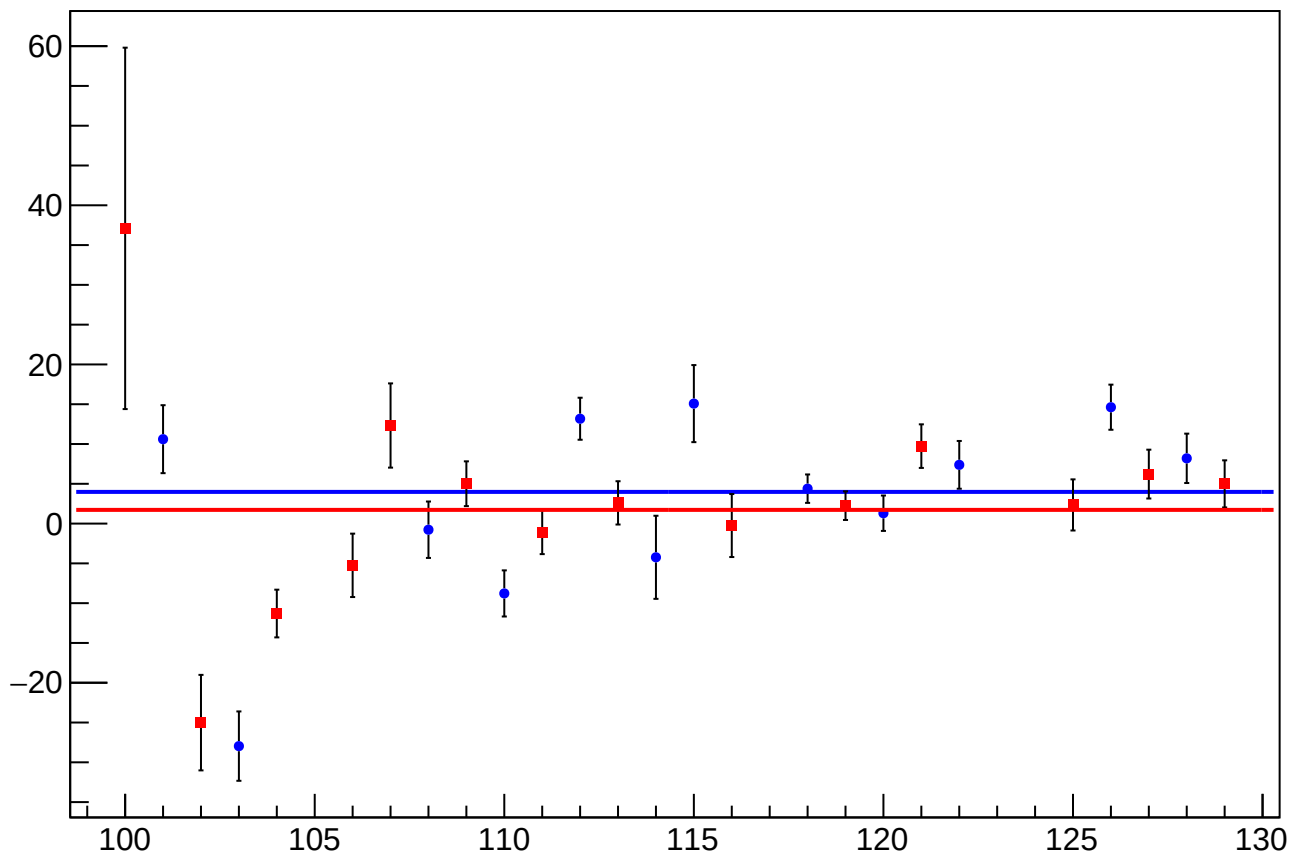
Right: 35.931+/-0.524 χ^2/NDF : 986.1/25

In: 38.566+/-0.794 χ^2/NDF : 209.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.931+/-0.524 χ^2/NDF : 986.1/25

reg_asym_us_dd_atlr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.983+/-0.850 χ^2/NDF : 115.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.722+/-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

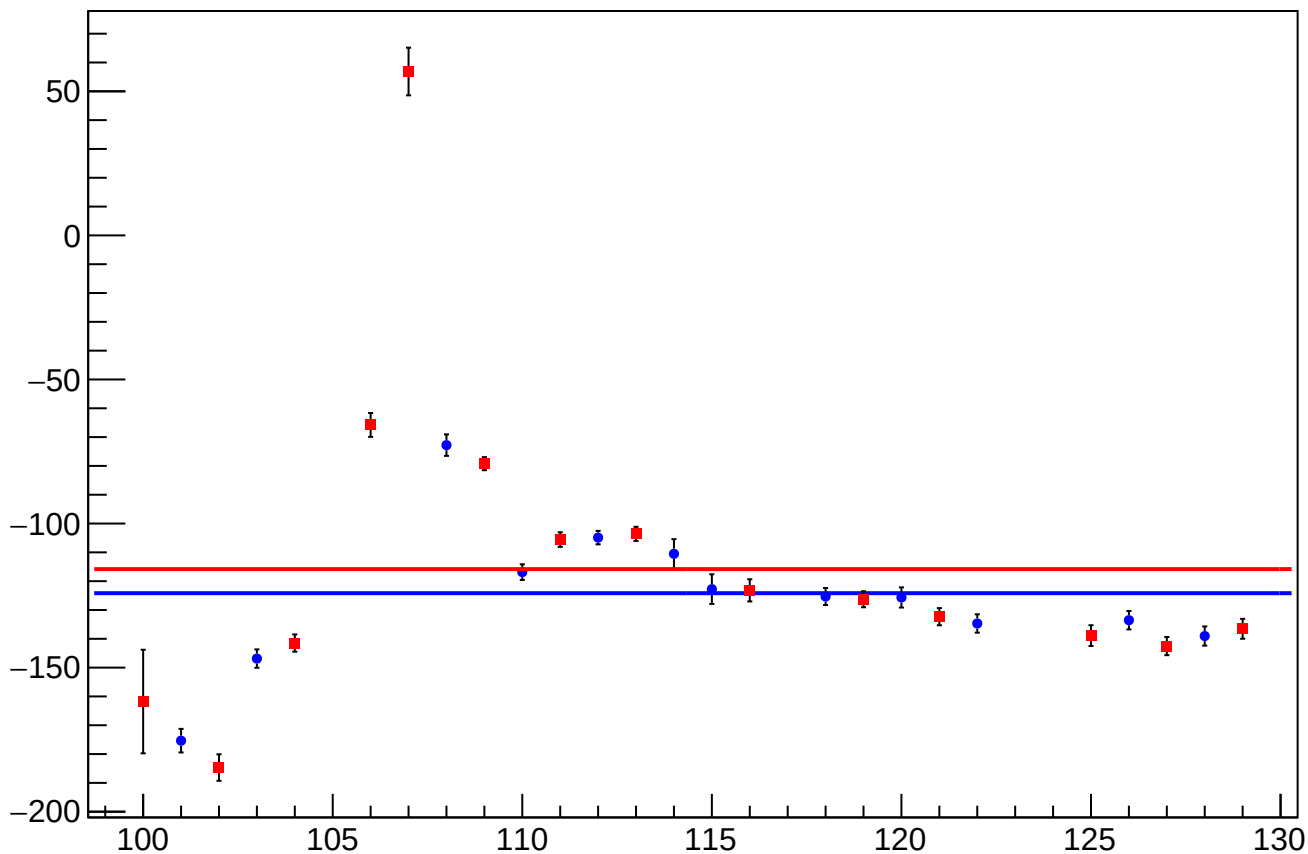
Right: 2.824+/-0.593 χ^2/NDF : 182.5/25

In: 3.983+/-0.850 χ^2/NDF : 115.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.824+/-0.593 χ^2/NDF : 182.5/25

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -124.172+/-0.950 χ^2/NDF : 520.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -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

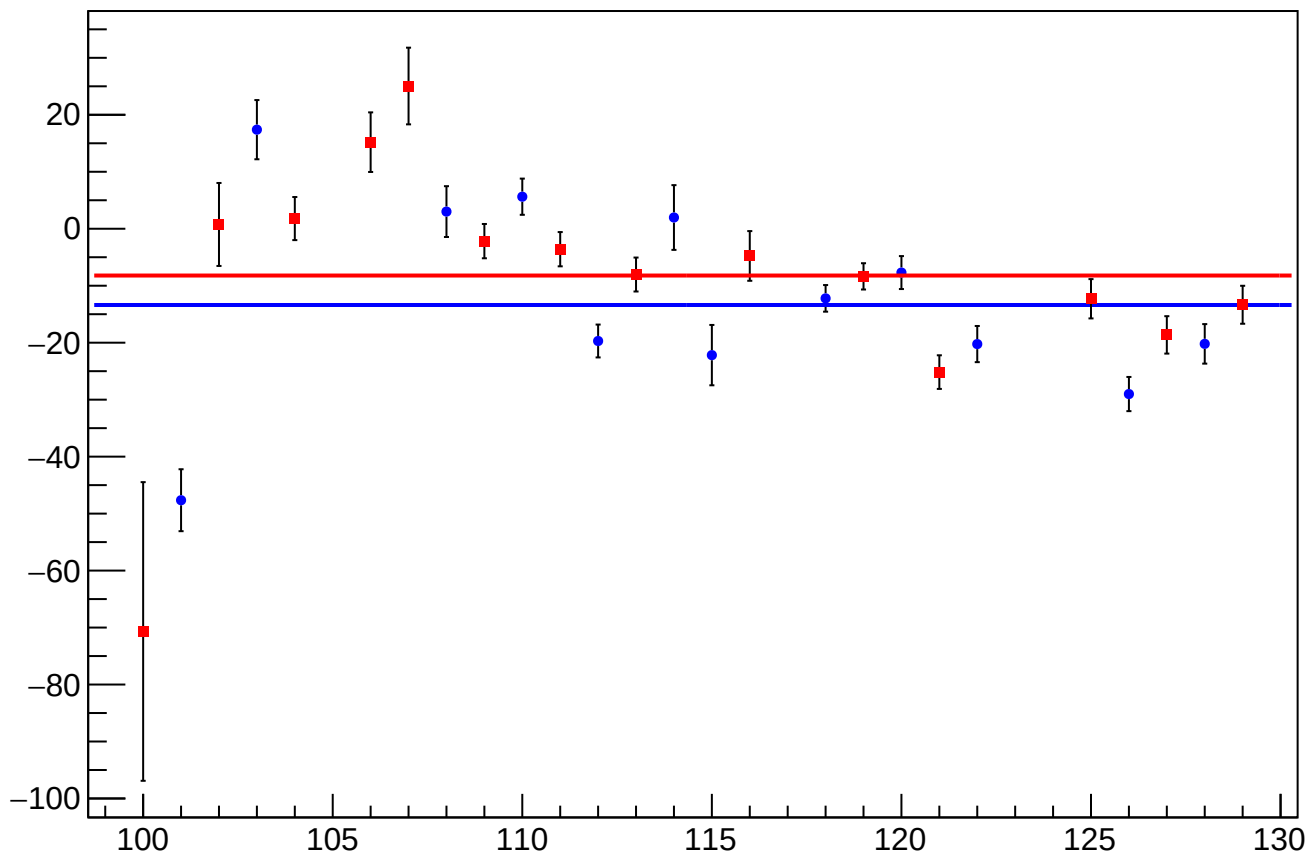
Right: -119.625+/-0.641 χ^2/NDF : 1946.7/25

In: -124.172+/-0.950 χ^2/NDF : 520.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -119.625+/-0.641 χ^2/NDF : 1946.7/25

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -13.383+/-0.998 χ^2/NDF : 178.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.212+/-0.951 χ^2/NDF : 112.5/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

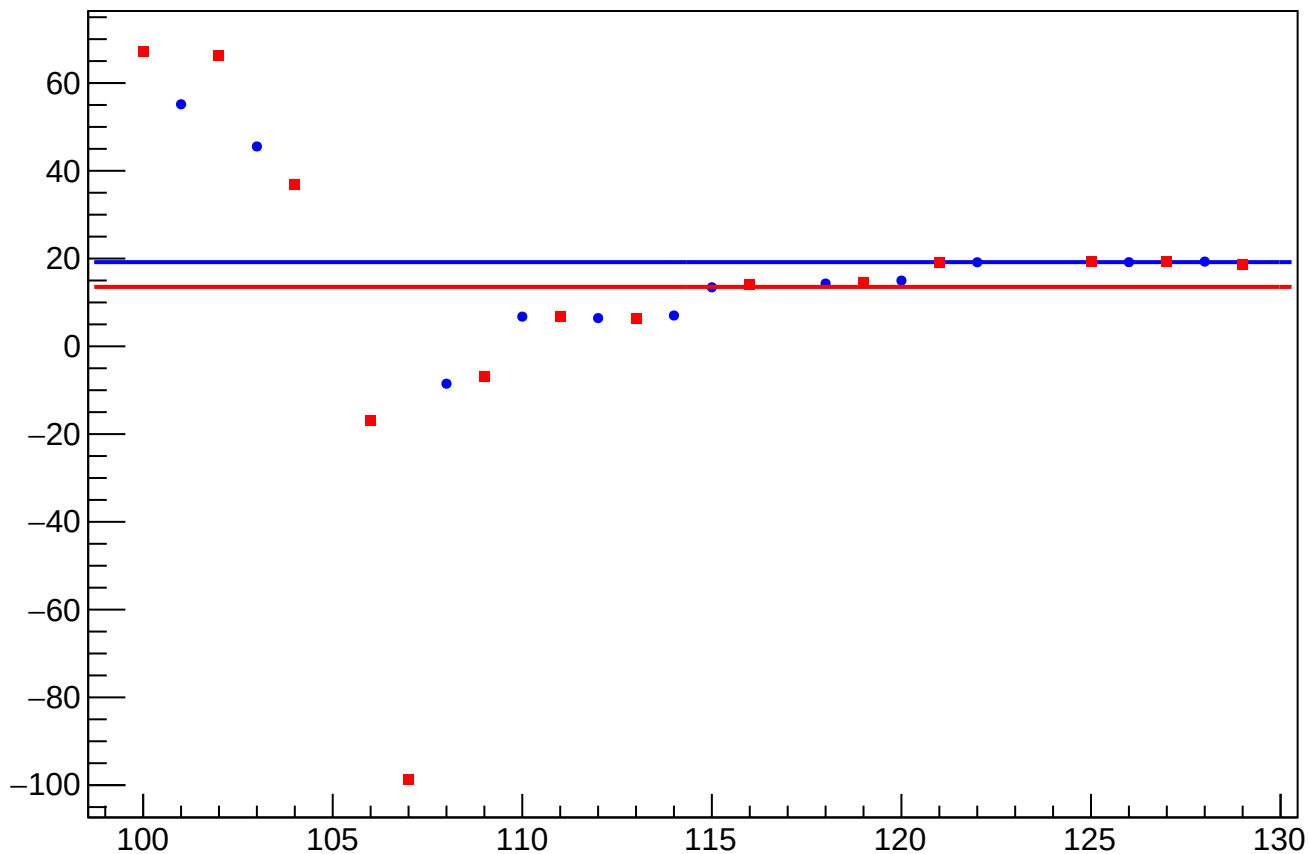
Right: -10.673+/-0.689 χ^2/NDF : 305.3/25

In: -13.383+/-0.998 χ^2/NDF : 178.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.673+/-0.689 χ^2/NDF : 305.3/25

reg_asym_us_dd_atlr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 19.186+/-0.062 χ^2/NDF : 104024.9/11

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

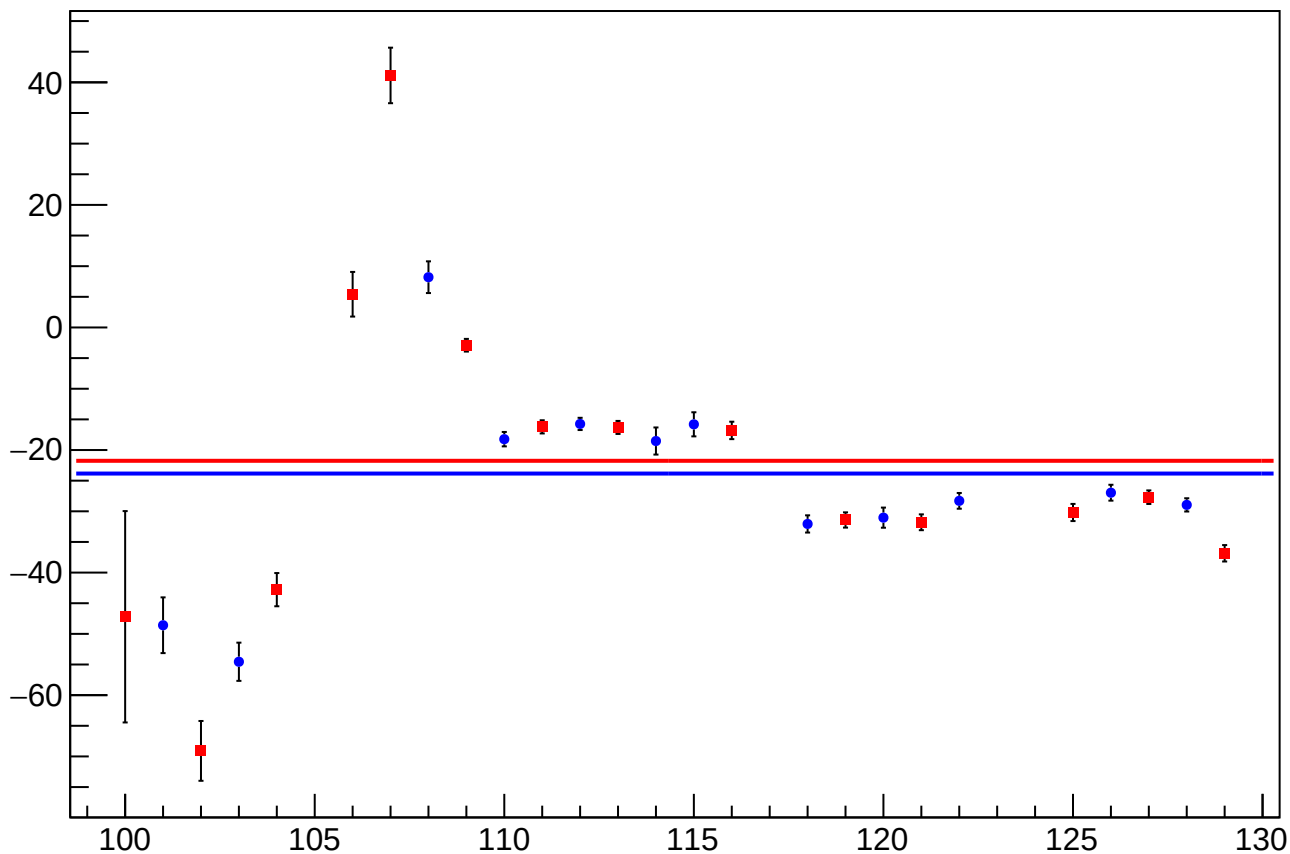
Right: 16.212+/-0.043 χ^2/NDF : 361301.4/25

In: 19.186+/-0.062 χ^2/NDF :104024.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 16.212+/-0.043 χ^2/NDF : 361301.4/25

reg_asym_us_dd_atlr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -23.839+/-0.429 χ^2/NDF : 484.6/11

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

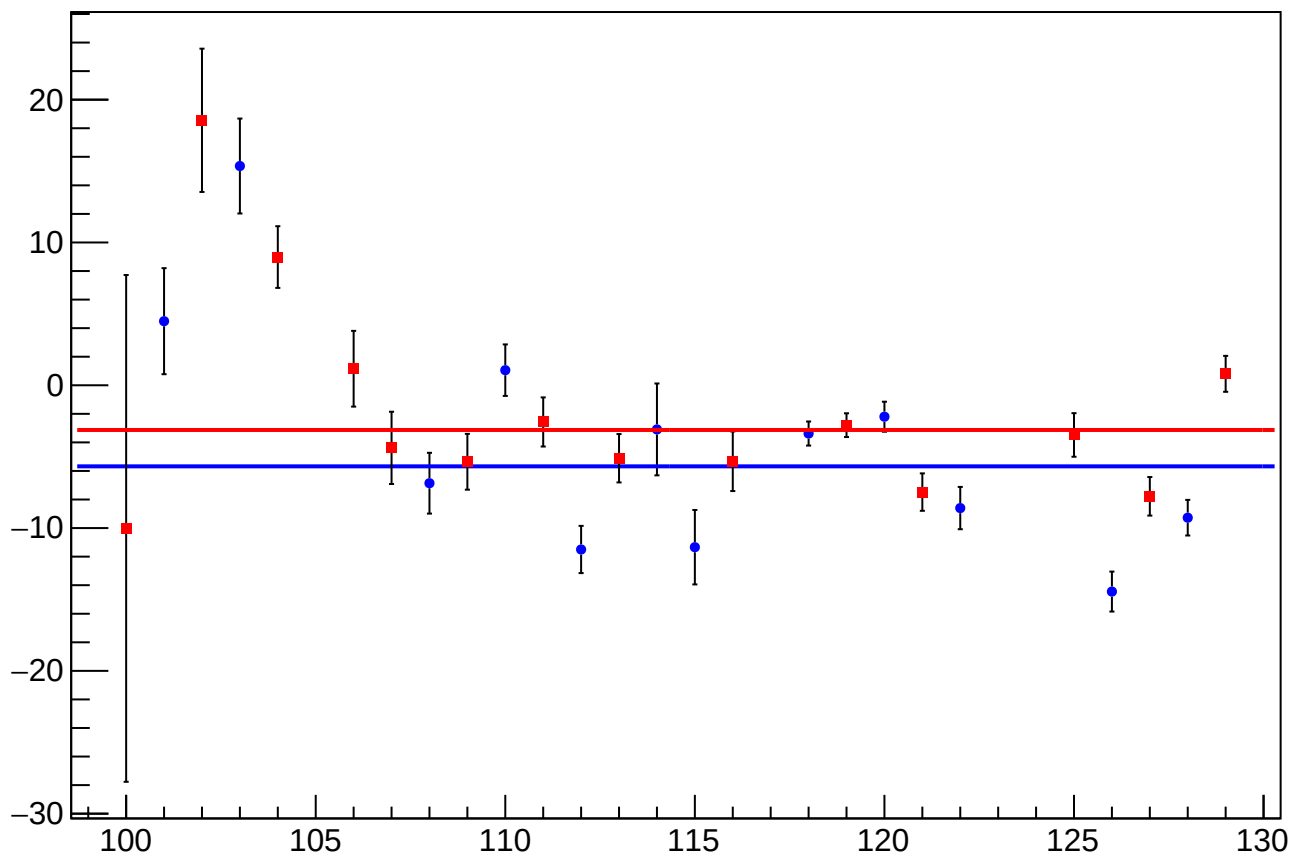
Right: -22.696+/-0.288 χ^2/NDF : 1612.2/25

In: -23.839+/-0.429 χ^2/NDF : 484.6/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.696+/-0.288 χ^2/NDF : 1612.2/25

reg_asym_us_dd_atlr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.677+/-0.437 χ^2 /NDF: 149.5/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -3.130+/-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

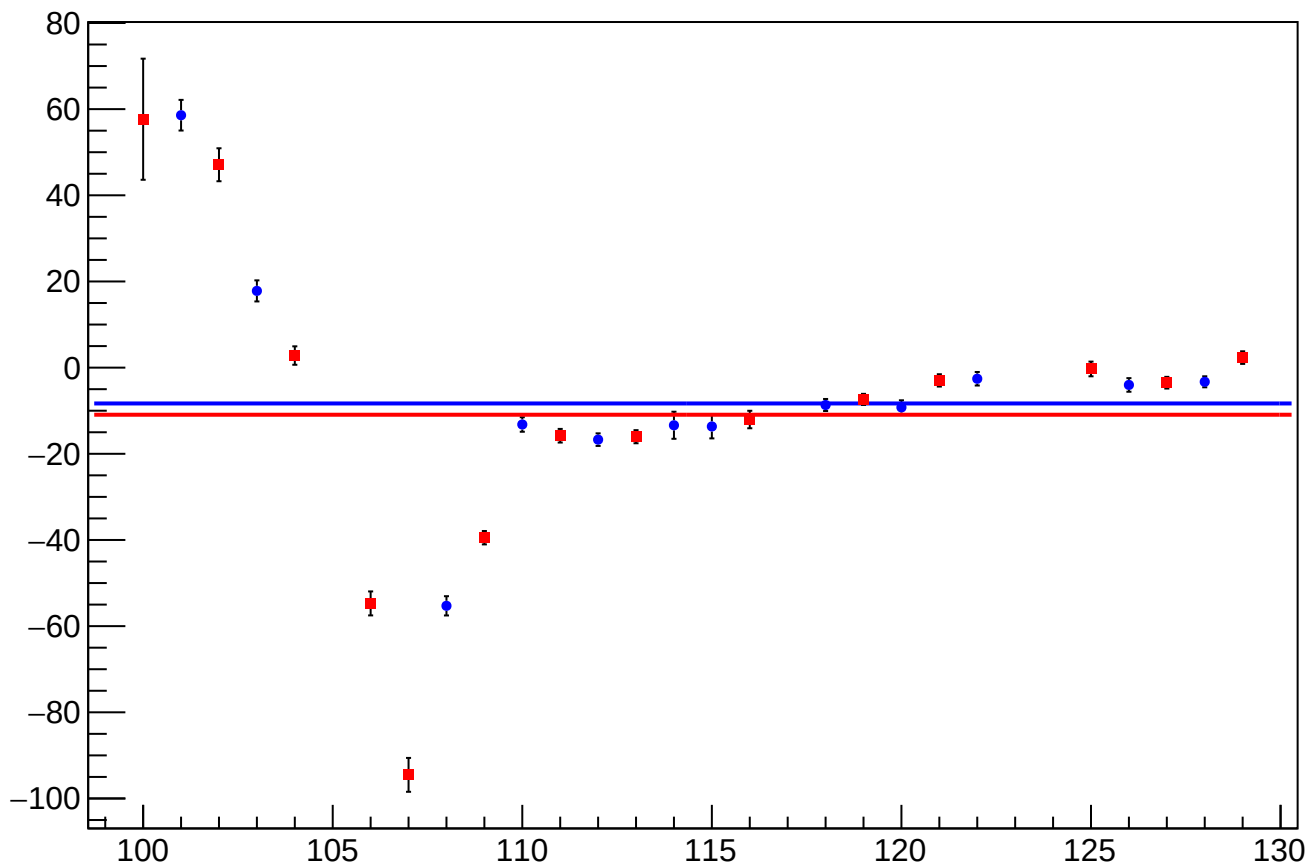
Right: -4.386+/-0.307 χ^2 /NDF: 256.5/25

In: -5.677+/-0.437 χ^2 /NDF:149.5/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -4.386+/-0.307 χ^2 /NDF: 256.5/25

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -8.315+/-0.513 χ^2 /NDF: 993.5/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -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

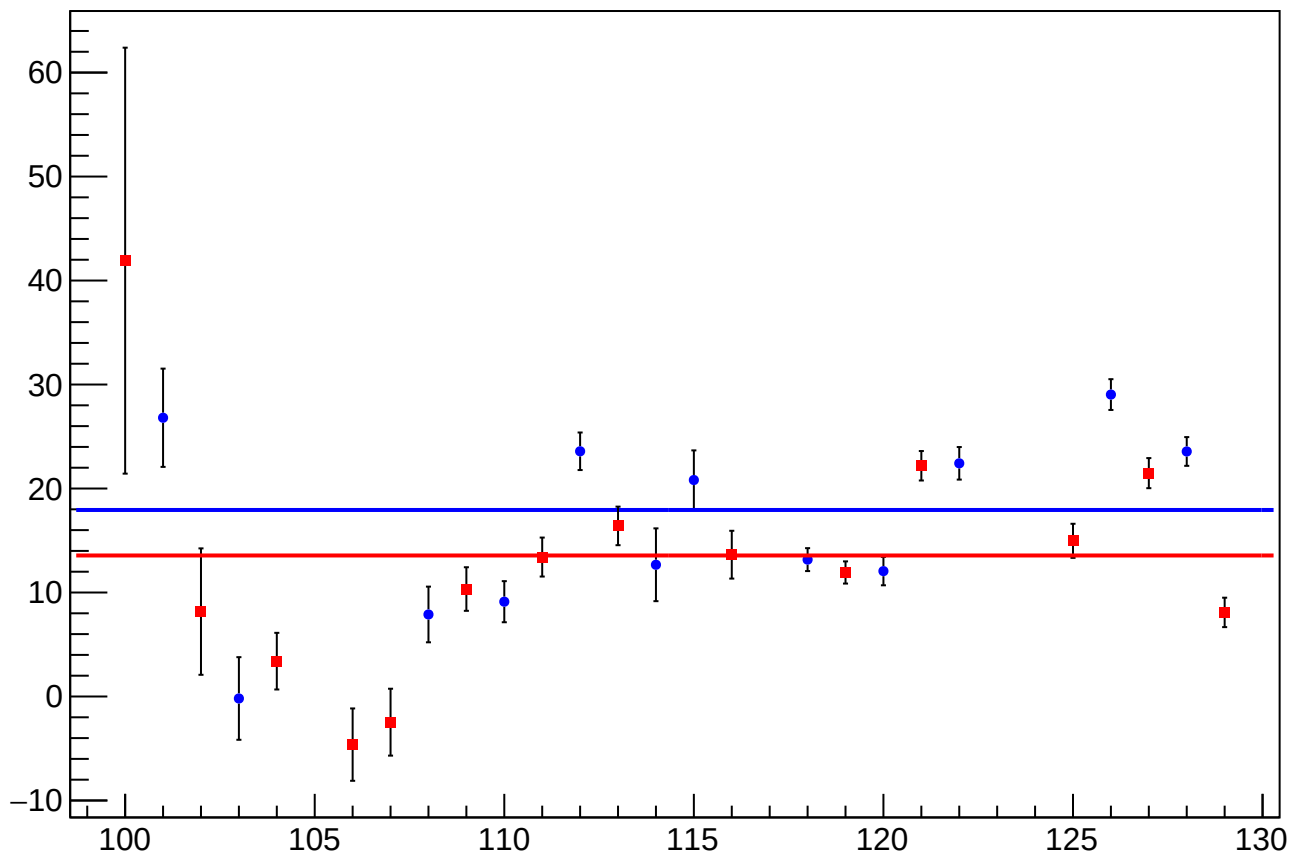
Right: -9.724+/-0.349 χ^2 /NDF: 2549.6/25

In: -8.315+/-0.513 χ^2 /NDF:993.5/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -9.724+/-0.349 χ^2 /NDF: 2549.6/25

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 17.937+/-0.515 χ^2 /NDF: 189.7/11

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

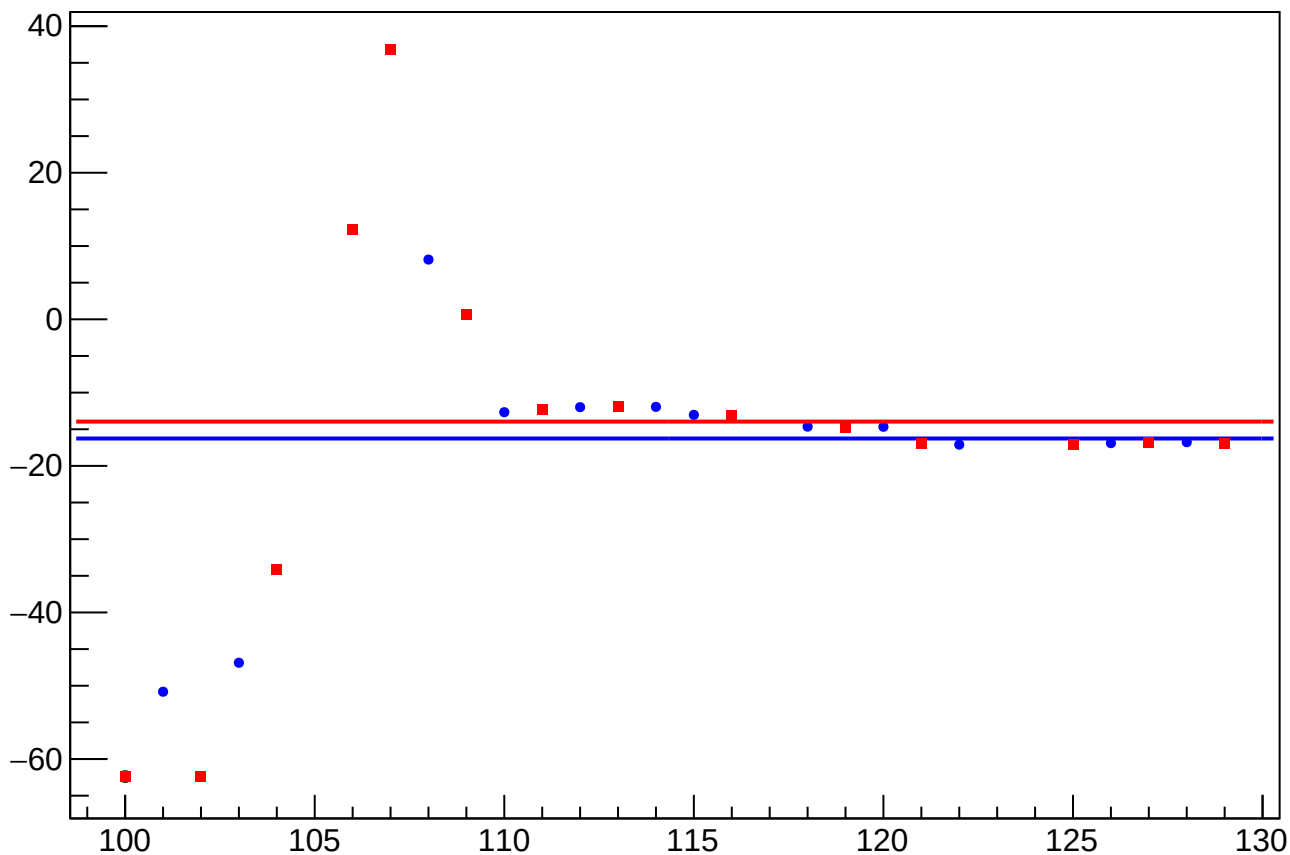
Right: 15.665+/-0.357 χ^2 /NDF: 385.8/25

In: 17.937+/-0.515 χ^2 /NDF:189.7/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 15.665+/-0.357 χ^2 /NDF: 385.8/25

reg_asym_us_dd_atlr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.264 $\pm$ 0.036 χ^2 /NDF: 190579.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -13.957 $\pm$ 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

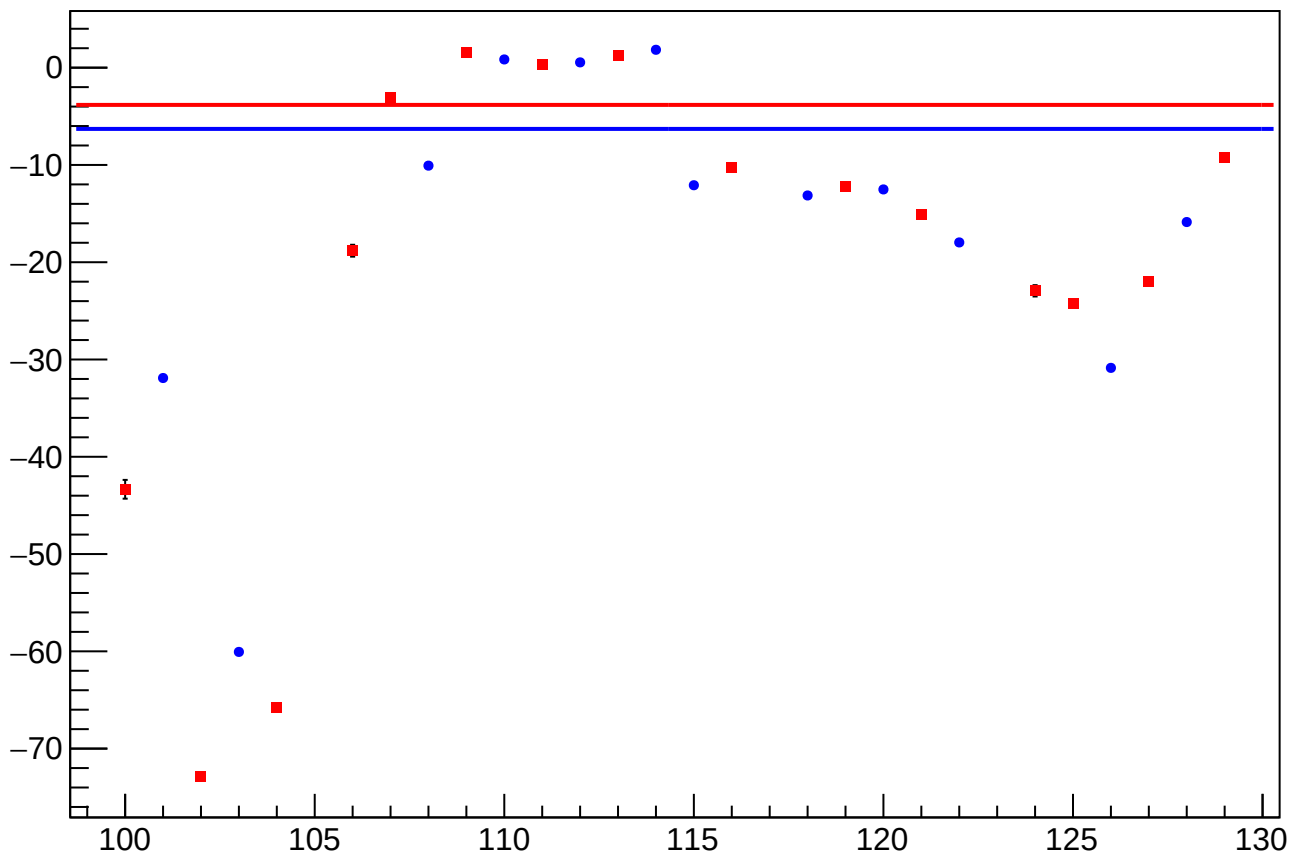
Right: -15.057 $\pm$ 0.025 χ^2 /NDF: 473413.1/25

In: -16.264 $\pm$ 0.036 χ^2 /NDF:190579.8/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -15.057 $\pm$ 0.025 χ^2 /NDF: 473413.1/25

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.295+/-0.062 χ^2/NDF : 39578.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.828+/-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

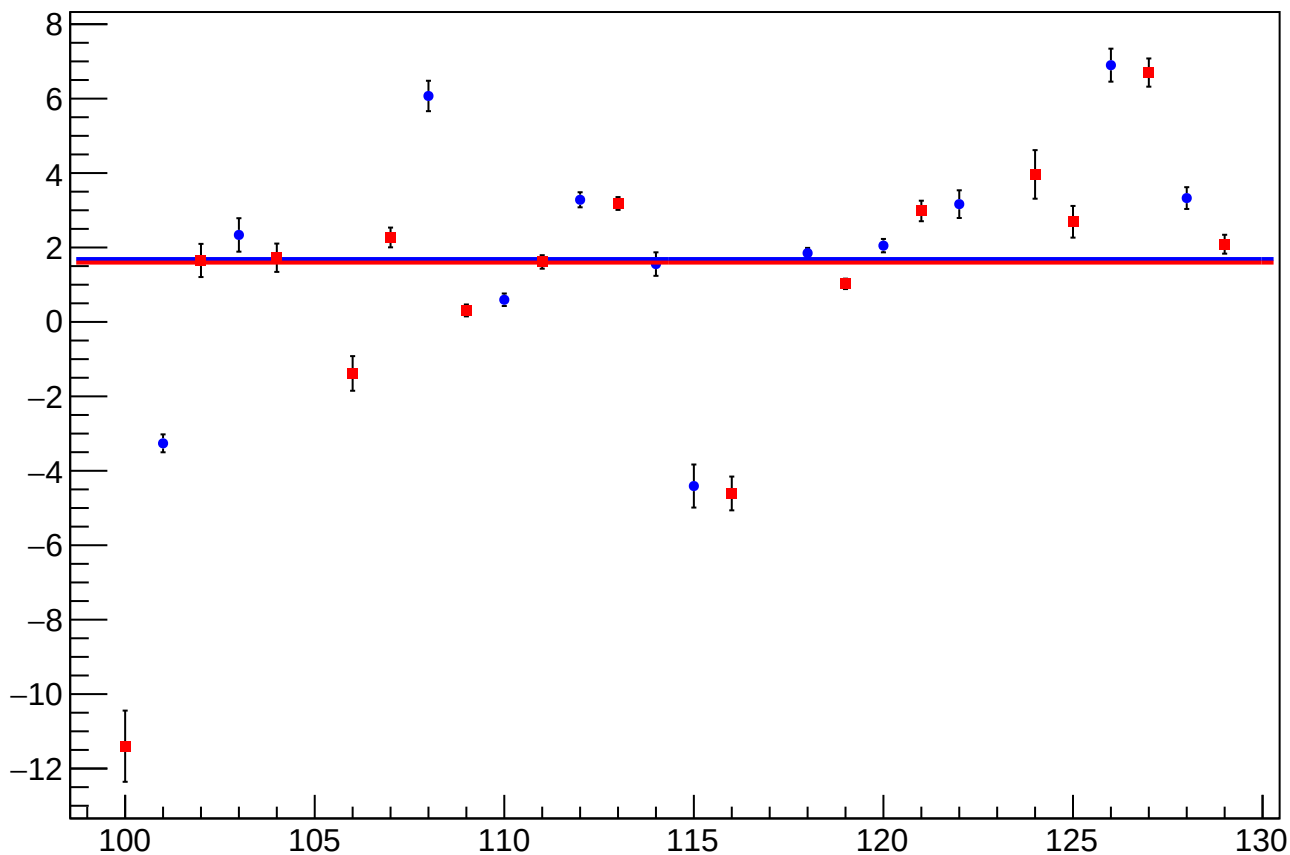
Right: -4.792+/-0.039 χ^2/NDF : 101395.5/26

In: -6.295+/-0.062 χ^2/NDF :39578.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.792+/-0.039 χ^2/NDF : 101395.5/26

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.690+/-0.070 χ^2/NDF : 946.8/11

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

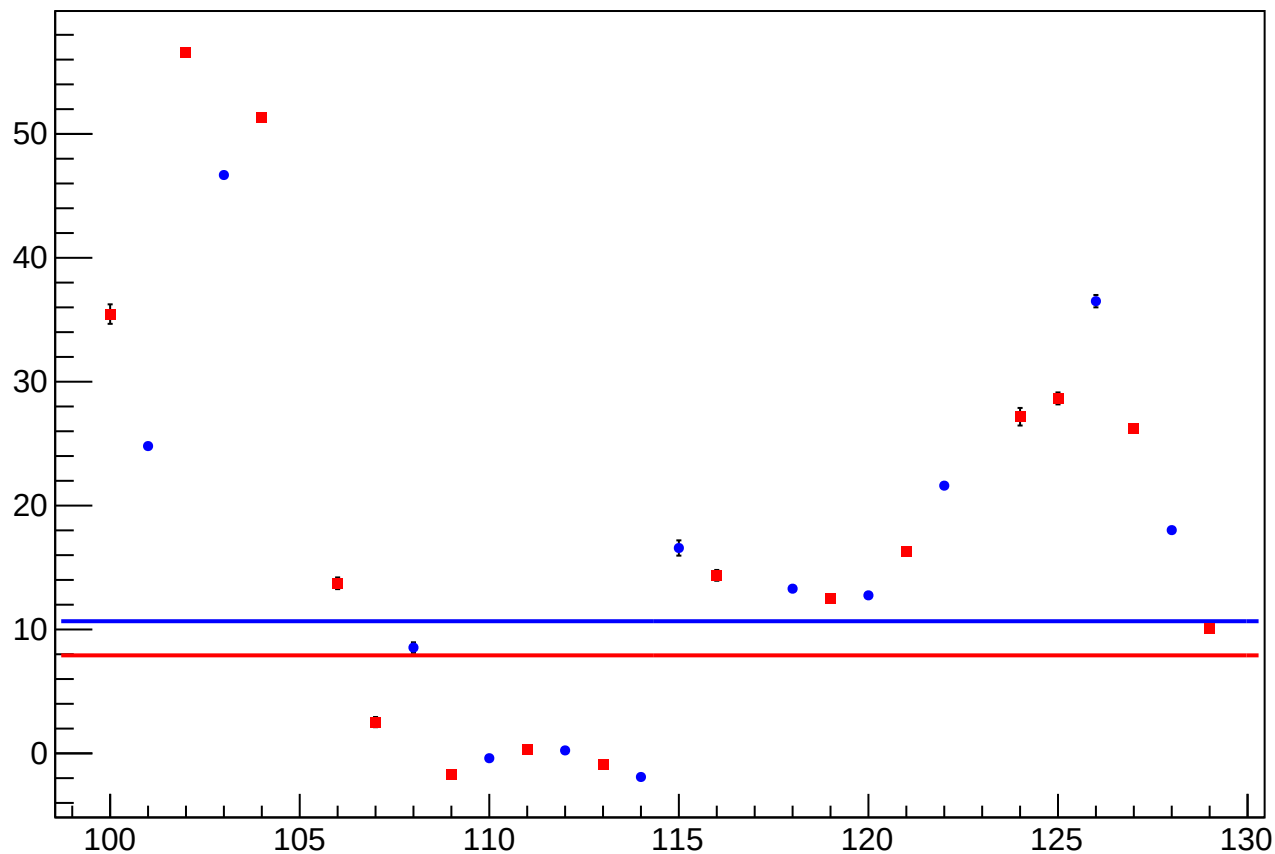
Right: 1.639+/-0.048 χ^2/NDF : 1763.2/26

In: 1.690+/-0.070 χ^2/NDF : 946.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.639+/-0.048 χ^2/NDF : 1763.2/26

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.667+/-0.077 χ^2/NDF : 29372.8/11

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

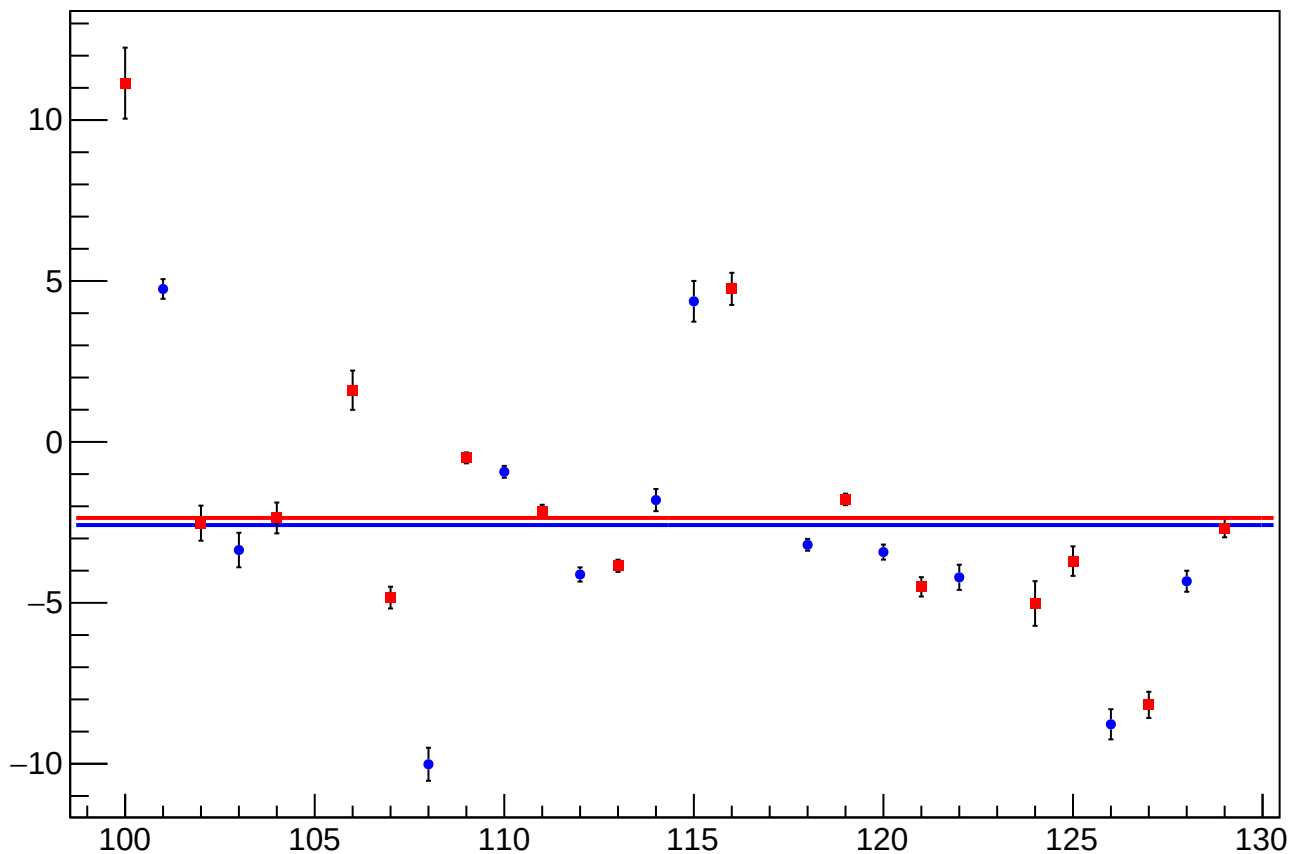
Right: 9.090+/-0.050 χ^2/NDF : 80792.4/26

In: 10.667+/-0.077 χ^2/NDF : 29372.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.090+/-0.050 χ^2/NDF : 80792.4/26

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.583 ± 0.082 χ^2/NDF : 1287.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.362 ± 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

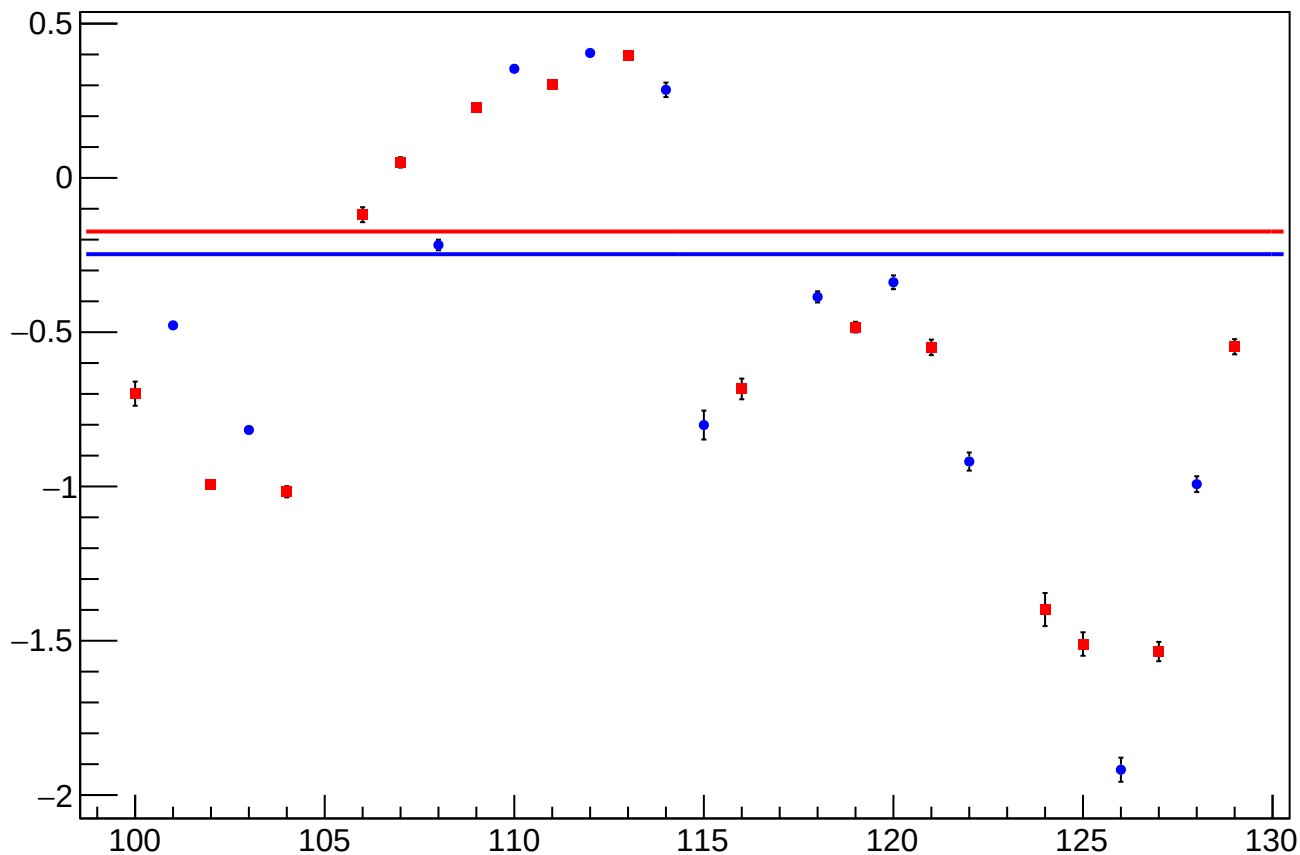
Right: -2.462 ± 0.055 χ^2/NDF : 2214.3/26

In: -2.583 ± 0.082 χ^2/NDF : 1287.1/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.462 ± 0.055 χ^2/NDF : 2214.3/26

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.247+/-0.005 χ^2/NDF : 10141.1/11

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

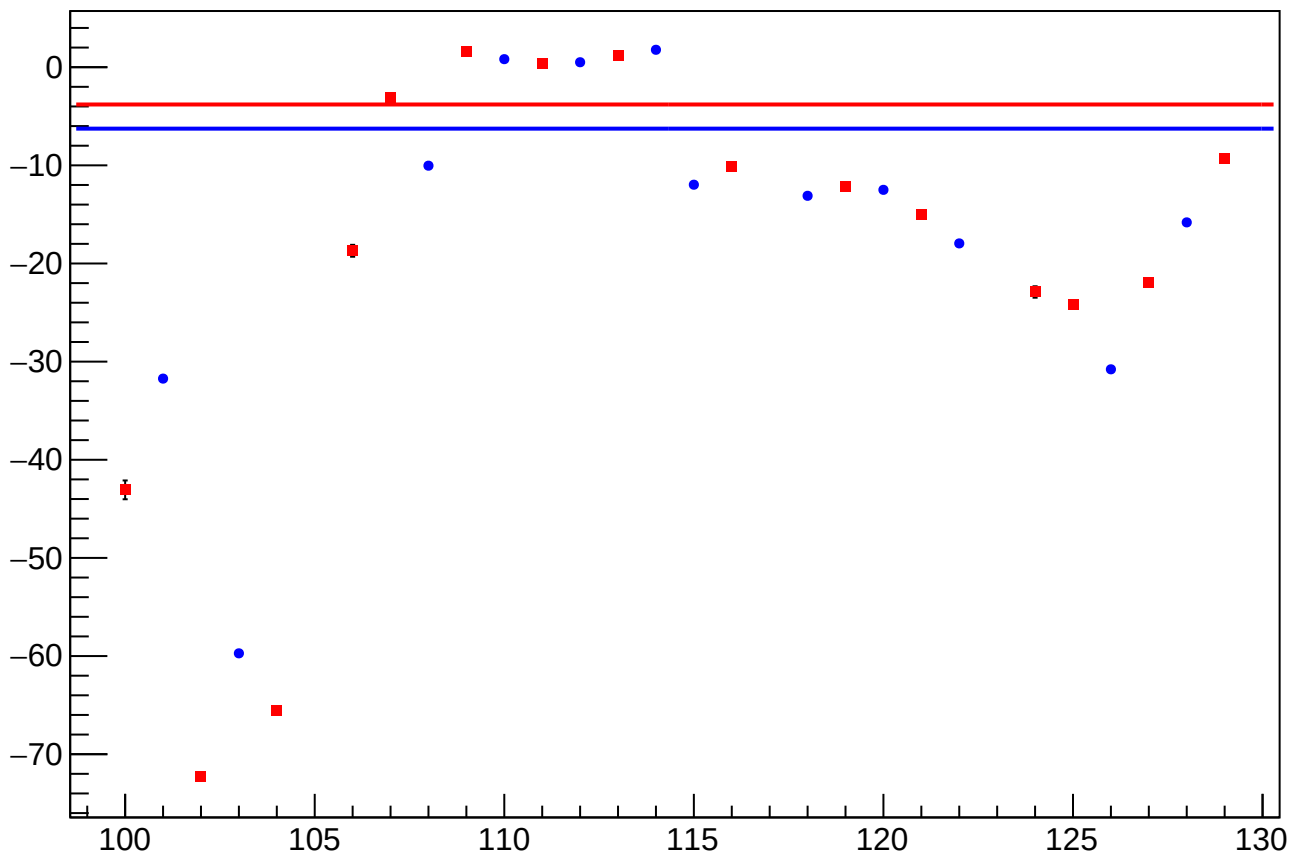
Right: -0.206+/-0.004 χ^2/NDF : 25473.1/26

In: -0.247+/-0.005 χ^2/NDF :10141.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.206+/-0.004 χ^2/NDF : 25473.1/26

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.261+/-0.062 χ^2/NDF : 39575.0/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.800+/-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

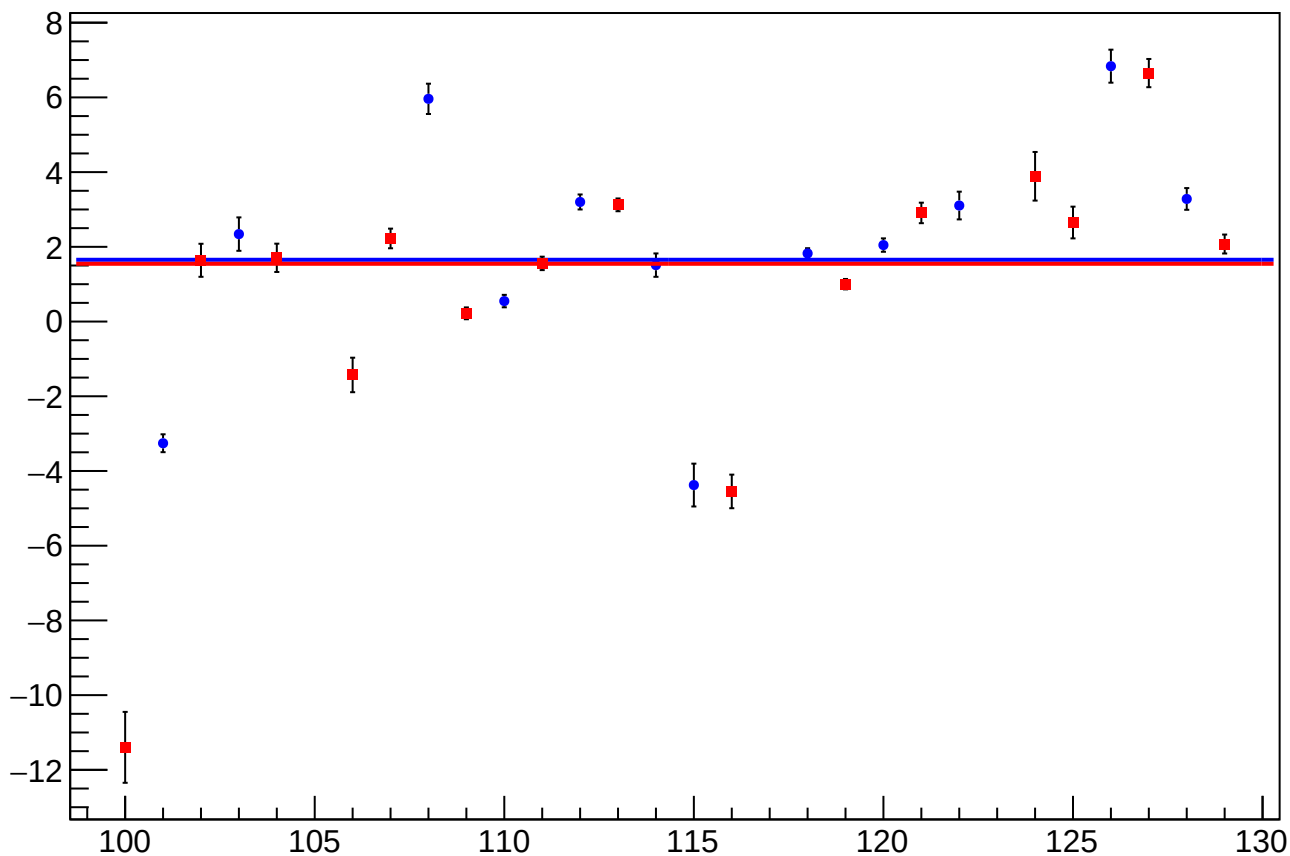
Right: -4.762+/-0.039 χ^2/NDF : 101404.9/26

In: -6.261+/-0.062 χ^2/NDF :39575.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.762+/-0.039 χ^2/NDF : 101404.9/26

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.654+/-0.069 χ^2/NDF : 941.2/11

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

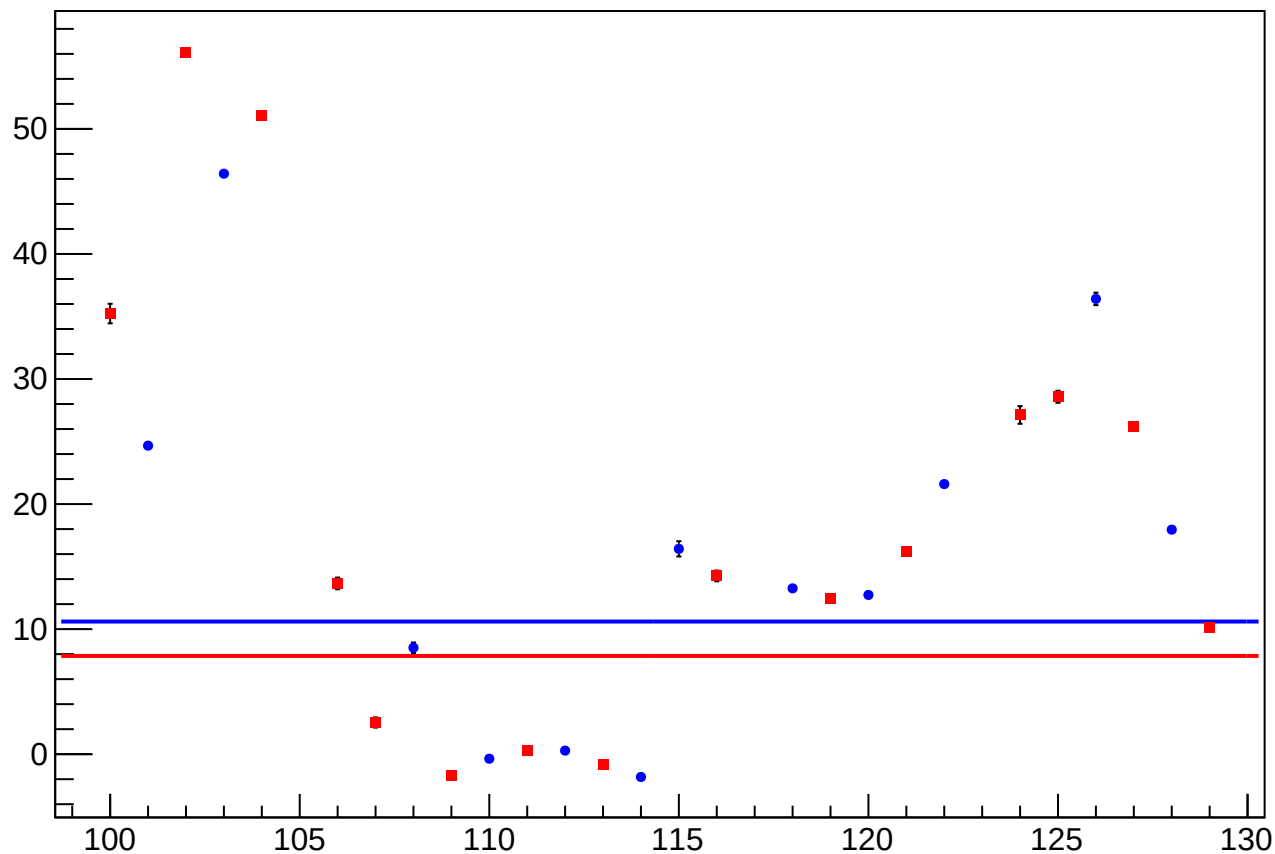
Right: 1.597+/-0.047 χ^2/NDF : 1762.2/26

In: 1.654+/-0.069 χ^2/NDF : 941.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.597+/-0.047 χ^2/NDF : 1762.2/26

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.607+/-0.076 χ^2/NDF : 29370.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.856+/-0.066 χ^2/NDF : 50696.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

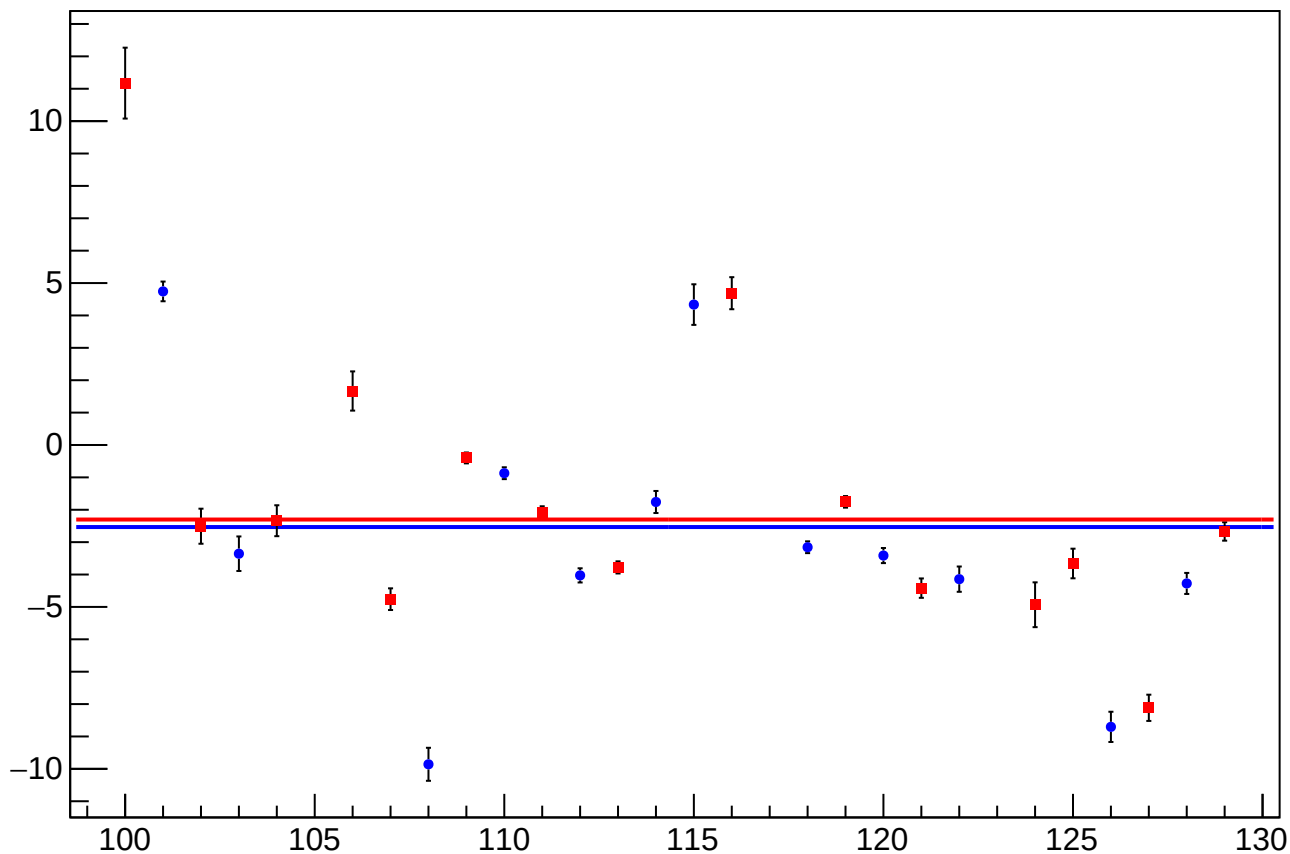
Right: 9.032+/-0.050 χ^2/NDF : 80812.6/26

In: 10.607+/-0.076 χ^2/NDF : 29370.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.032+/-0.050 χ^2/NDF : 80812.6/26

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.534+/-0.082 χ^2 /NDF: 1282.7/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2.302+/-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

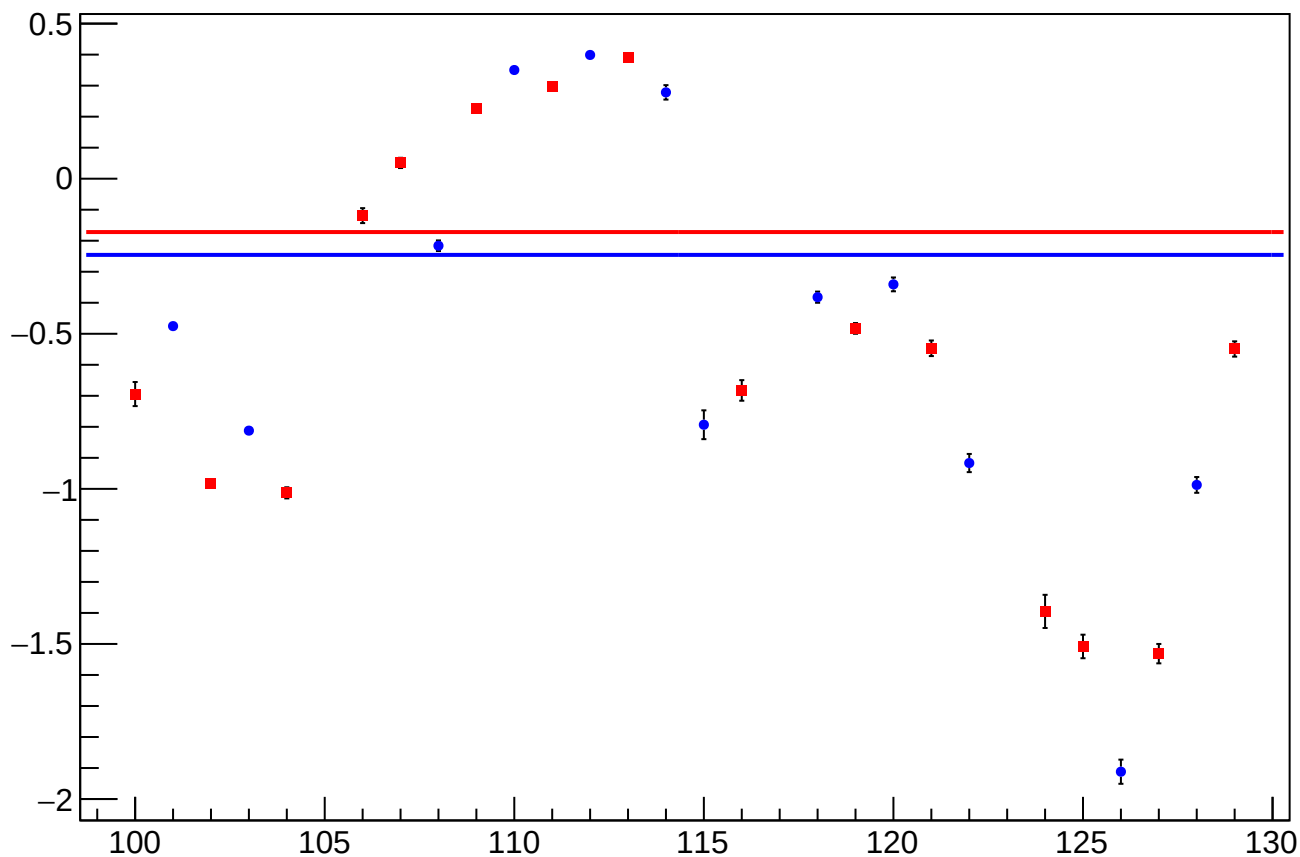
Right: -2.406+/-0.055 χ^2 /NDF: 2217.1/26

In: -2.534+/-0.082 χ^2 /NDF:1282.7/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2.406+/-0.055 χ^2 /NDF: 2217.1/26

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.246+/-0.005 χ^2/NDF : 10123.0/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.172+/-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

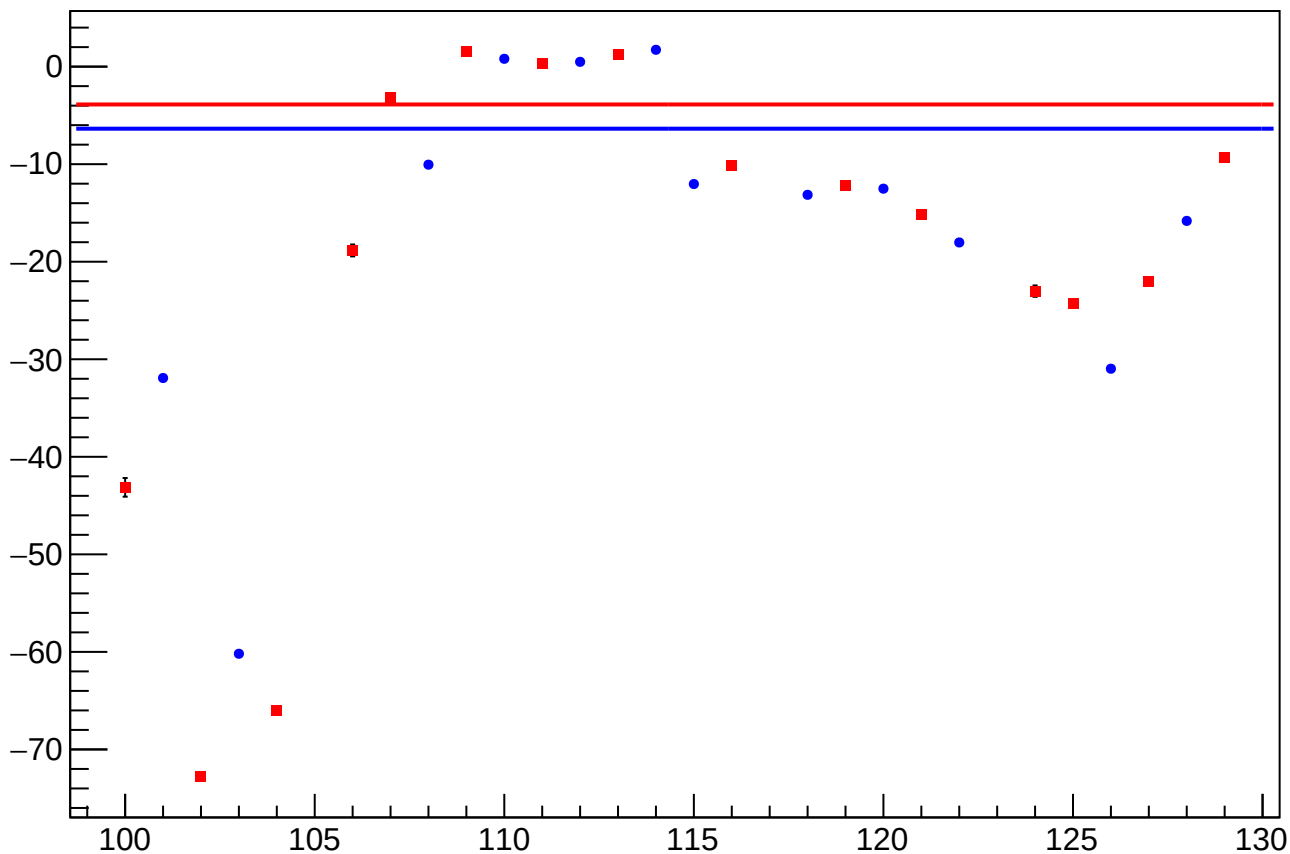
Right: -0.204+/-0.003 χ^2/NDF : 25476.6/26

In: -0.246+/-0.005 χ^2/NDF :10123.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.204+/-0.003 χ^2/NDF : 25476.6/26

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.363+/-0.062 χ^2/NDF : 39489.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.878+/-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

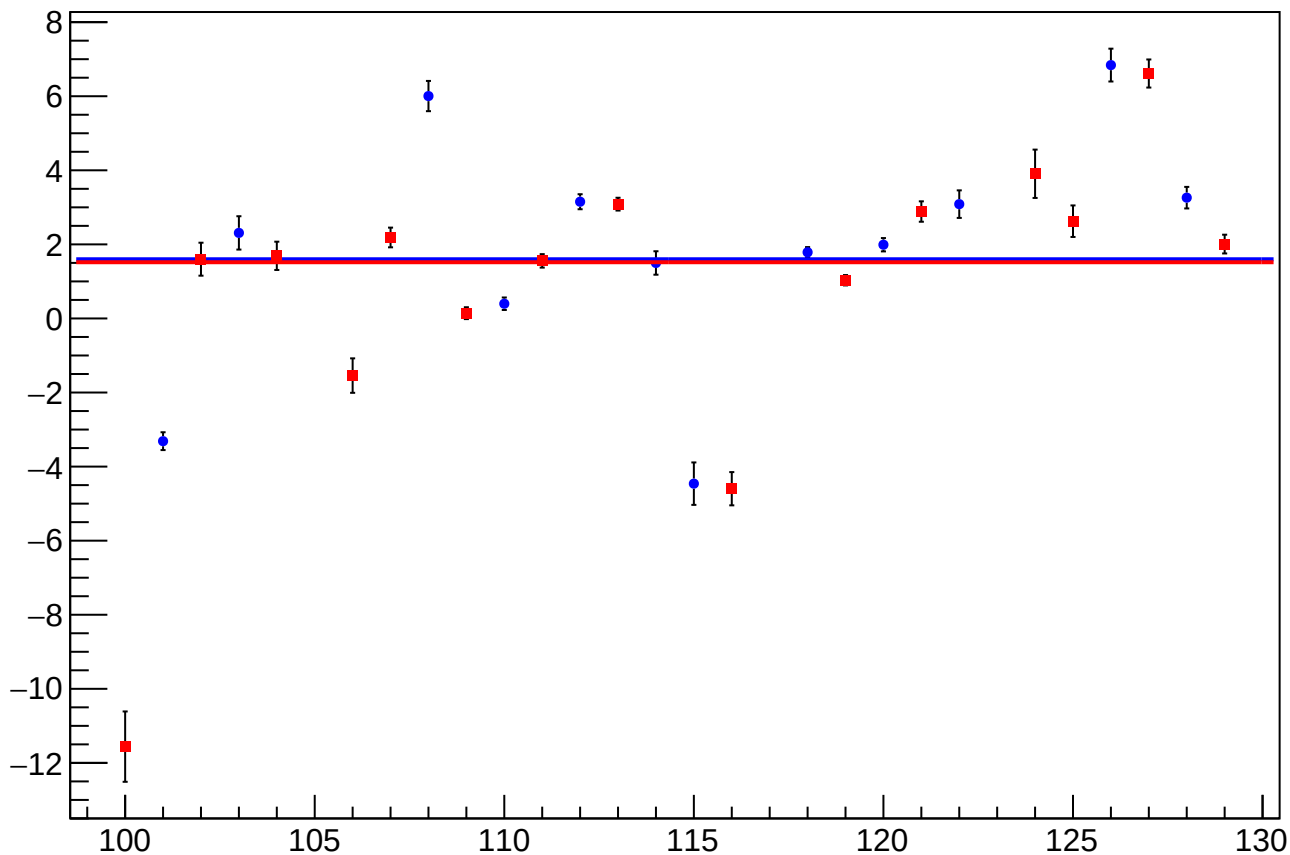
Right: -4.850+/-0.039 χ^2/NDF : 101236.1/26

In: -6.363+/-0.062 χ^2/NDF : 39489.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.850+/-0.039 χ^2/NDF : 101236.1/26

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.598+/-0.069 χ^2/NDF : 952.3/11

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

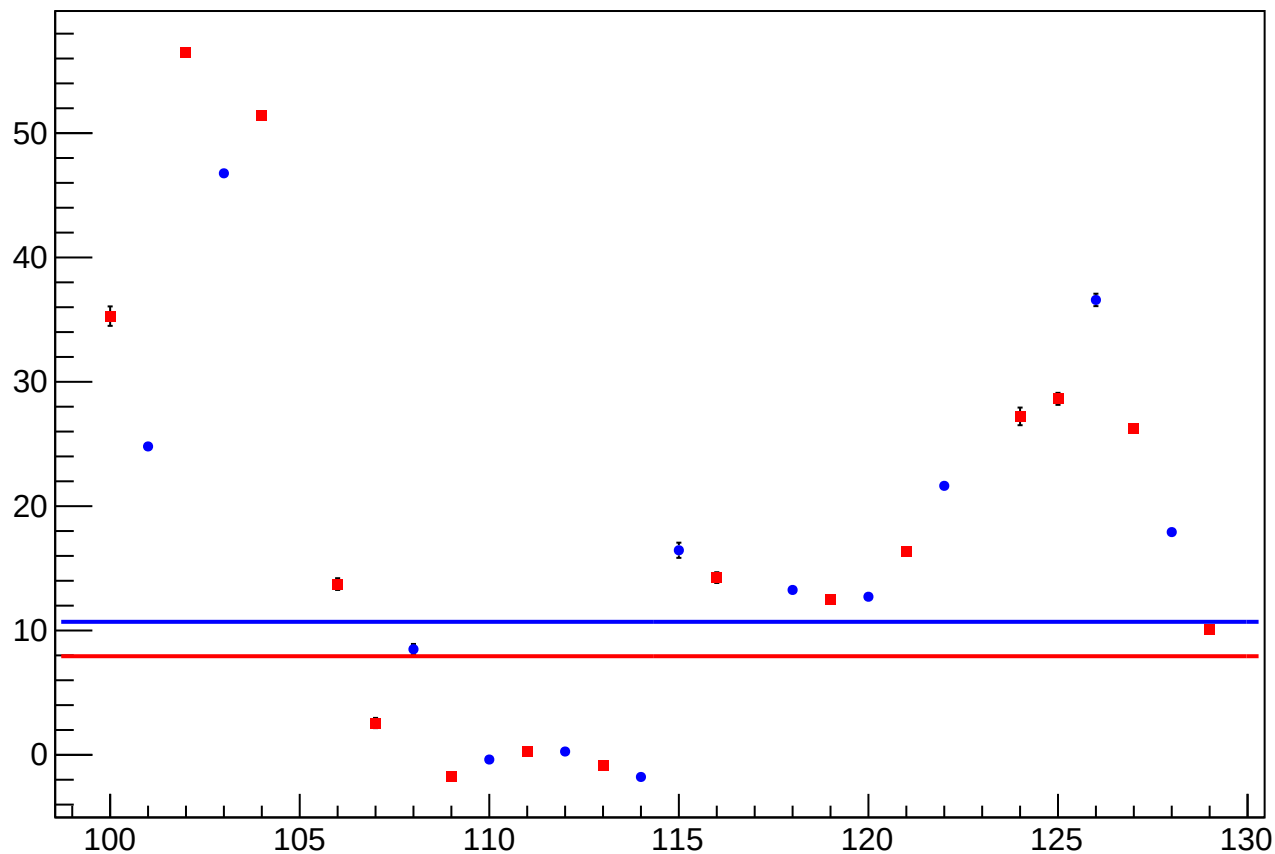
Right: 1.556+/-0.048 χ^2/NDF : 1775.5/26

In: 1.598+/-0.069 χ^2/NDF : 952.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.556+/-0.048 χ^2/NDF : 1775.5/26

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.700+/-0.077 χ^2/NDF : 29289.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.933+/-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

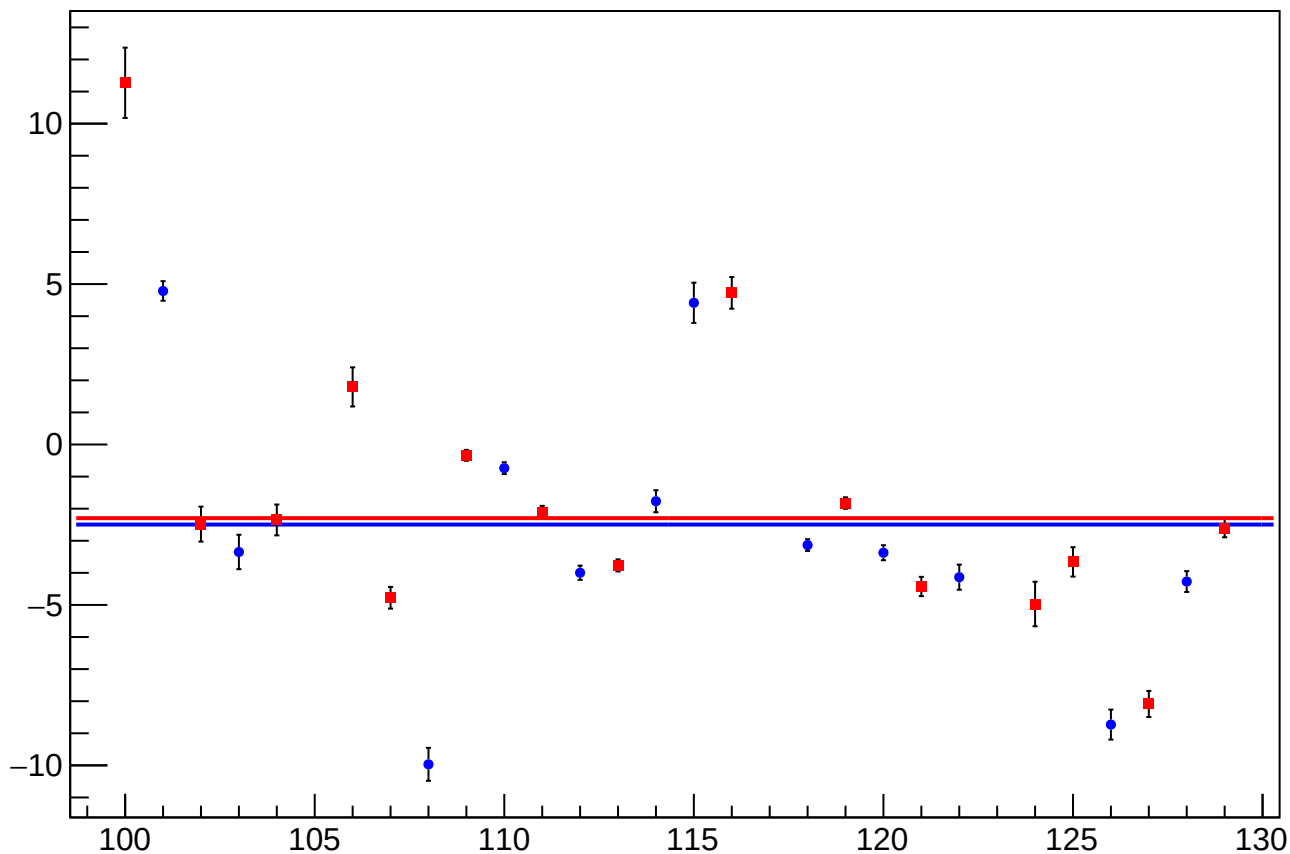
Right: 9.117+/-0.050 χ^2/NDF : 80645.2/26

In: 10.700+/-0.077 χ^2/NDF : 29289.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.117+/-0.050 χ^2/NDF : 80645.2/26

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.495+/-0.082 χ^2 /NDF: 1295.8/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2.295+/-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

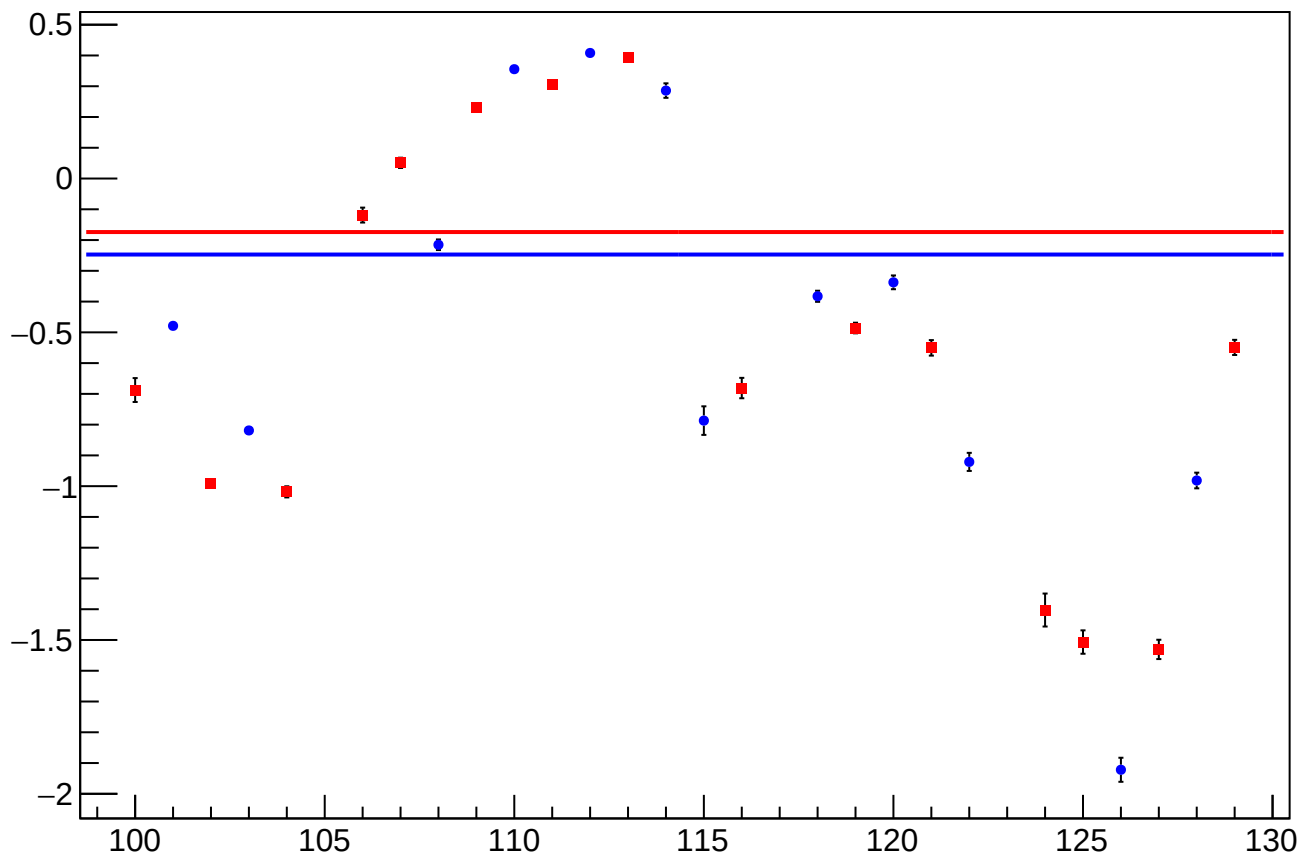
Right: -2.385+/-0.055 χ^2 /NDF: 2232.8/26

In: -2.495+/-0.082 χ^2 /NDF:1295.8/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2.385+/-0.055 χ^2 /NDF: 2232.8/26

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.247+/-0.005 χ^2/NDF : 10155.1/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.174+/-0.005 χ^2/NDF : 15216.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

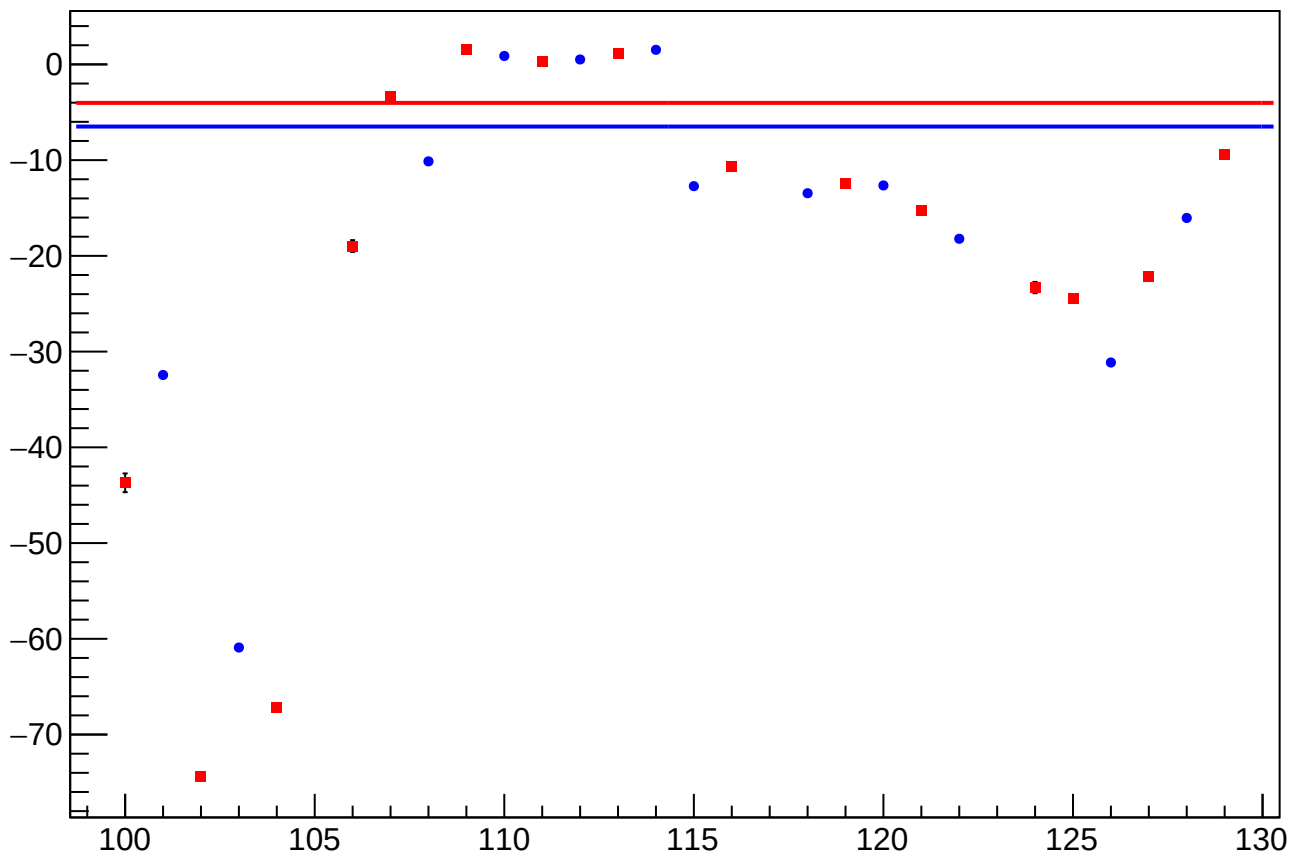
Right: -0.206+/-0.004 χ^2/NDF : 25477.9/26

In: -0.247+/-0.005 χ^2/NDF :10155.1/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.206+/-0.004 χ^2/NDF : 25477.9/26

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.493+/-0.064 χ^2/NDF : 39016.3/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -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

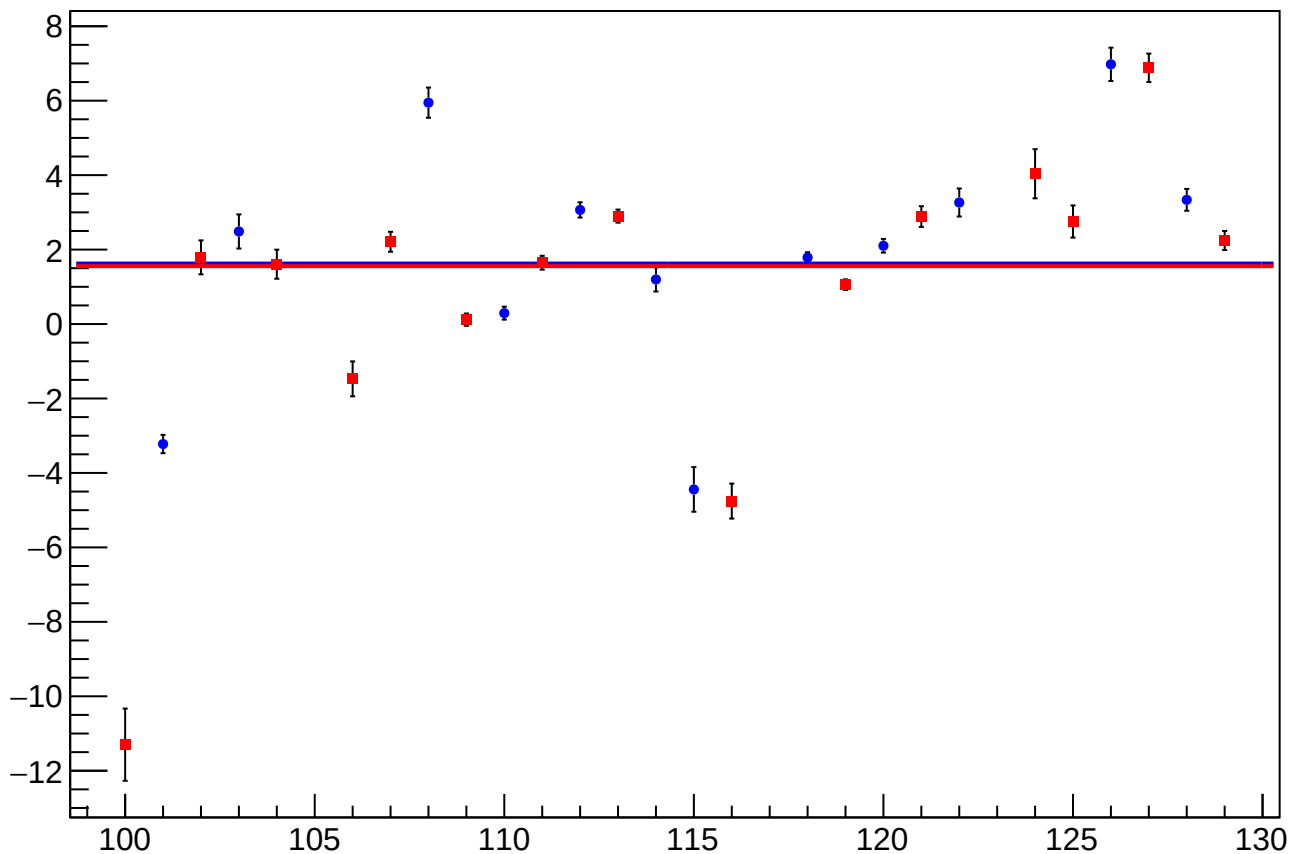
Right: -4.991+/-0.040 χ^2/NDF : 100193.1/26

In: -6.493+/-0.064 χ^2/NDF :39016.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.991+/-0.040 χ^2/NDF : 100193.1/26

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.625+/-0.071 χ^2/NDF : 920.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.556+/-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

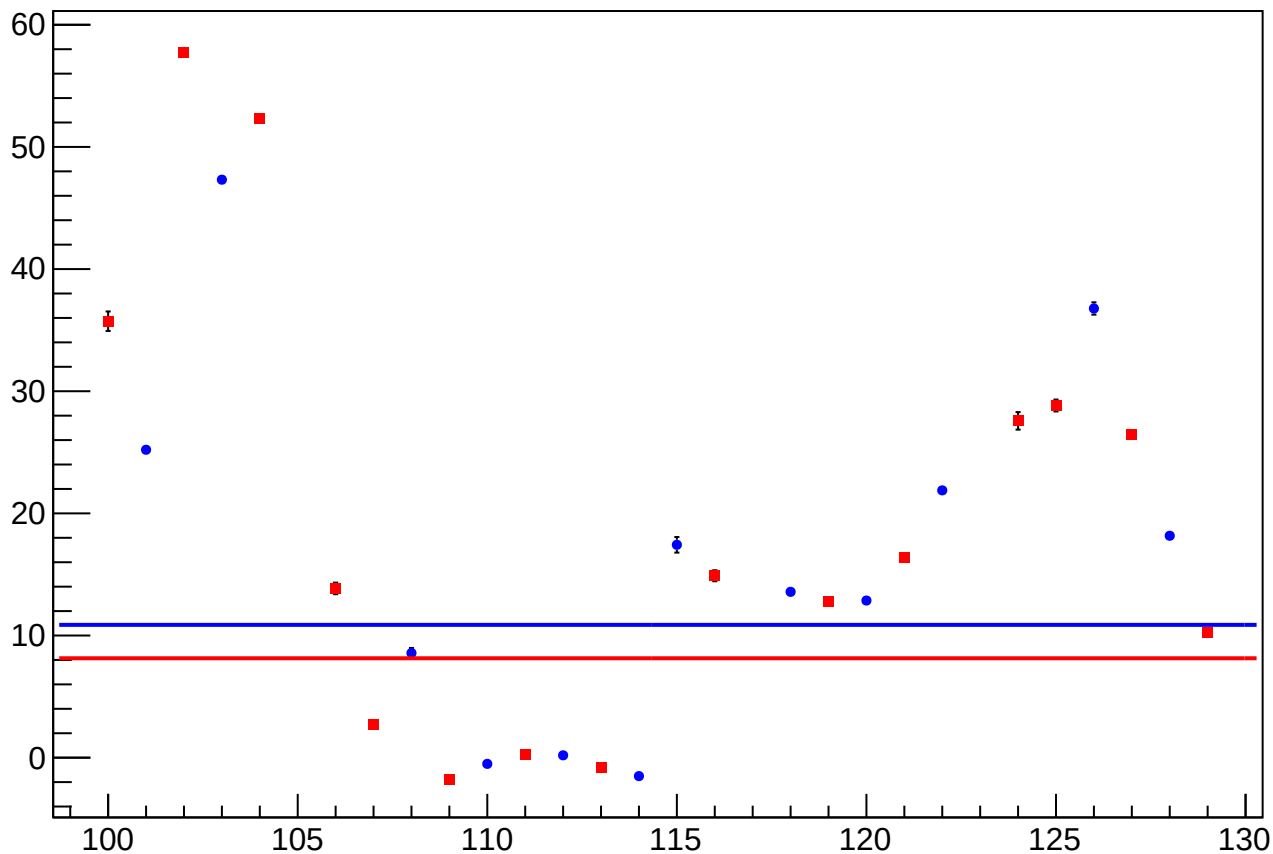
Right: 1.588+/-0.049 χ^2/NDF : 1717.4/26

In: 1.625+/-0.071 χ^2/NDF : 920.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.588+/-0.049 χ^2/NDF : 1717.4/26

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.873+/-0.078 χ^2/NDF : 28969.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.138+/-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

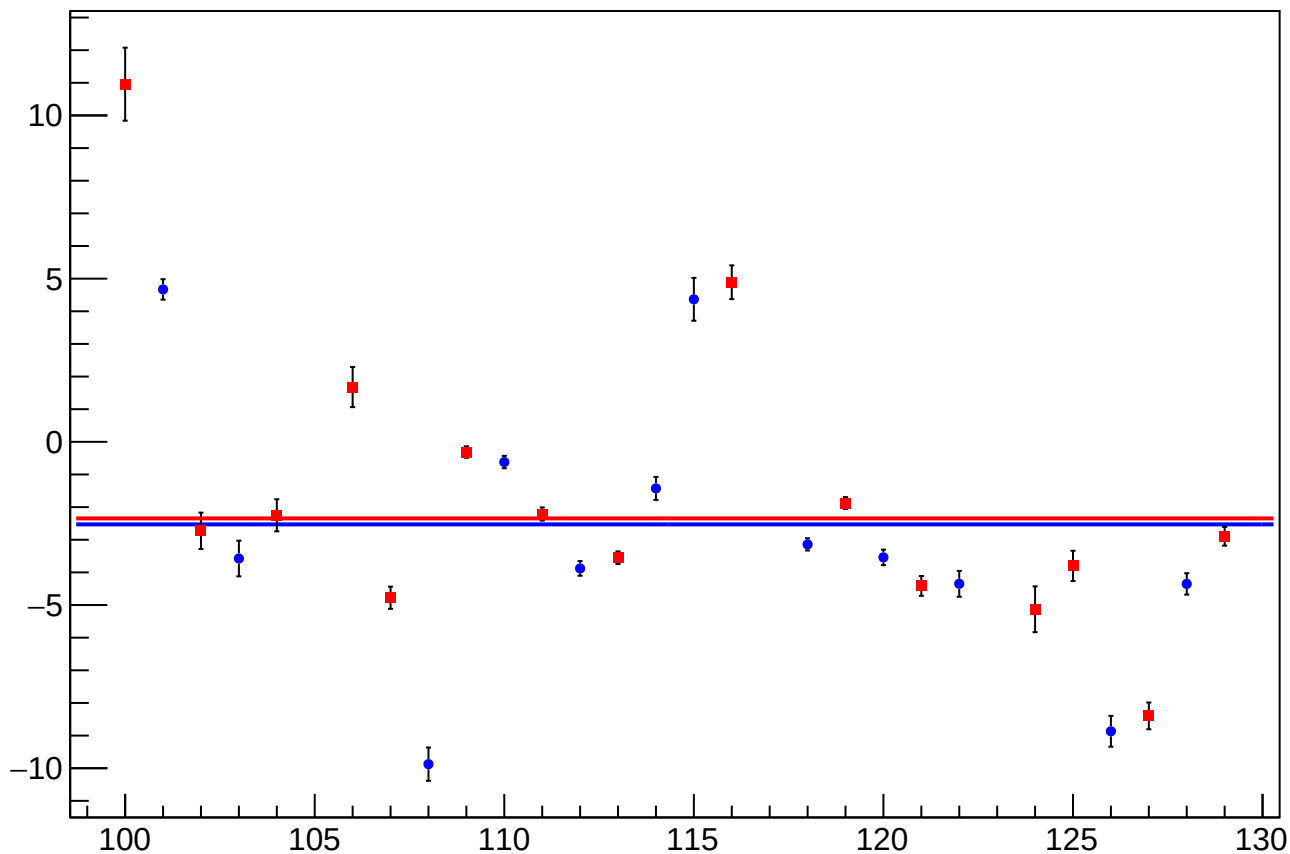
Right: 9.312+/-0.051 χ^2/NDF : 79831.5/26

In: 10.873+/-0.078 χ^2/NDF : 28969.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.312+/-0.051 χ^2/NDF : 79831.5/26

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.529+/-0.084 χ^2/NDF : 1258.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.346+/-0.076 χ^2/NDF : 905.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

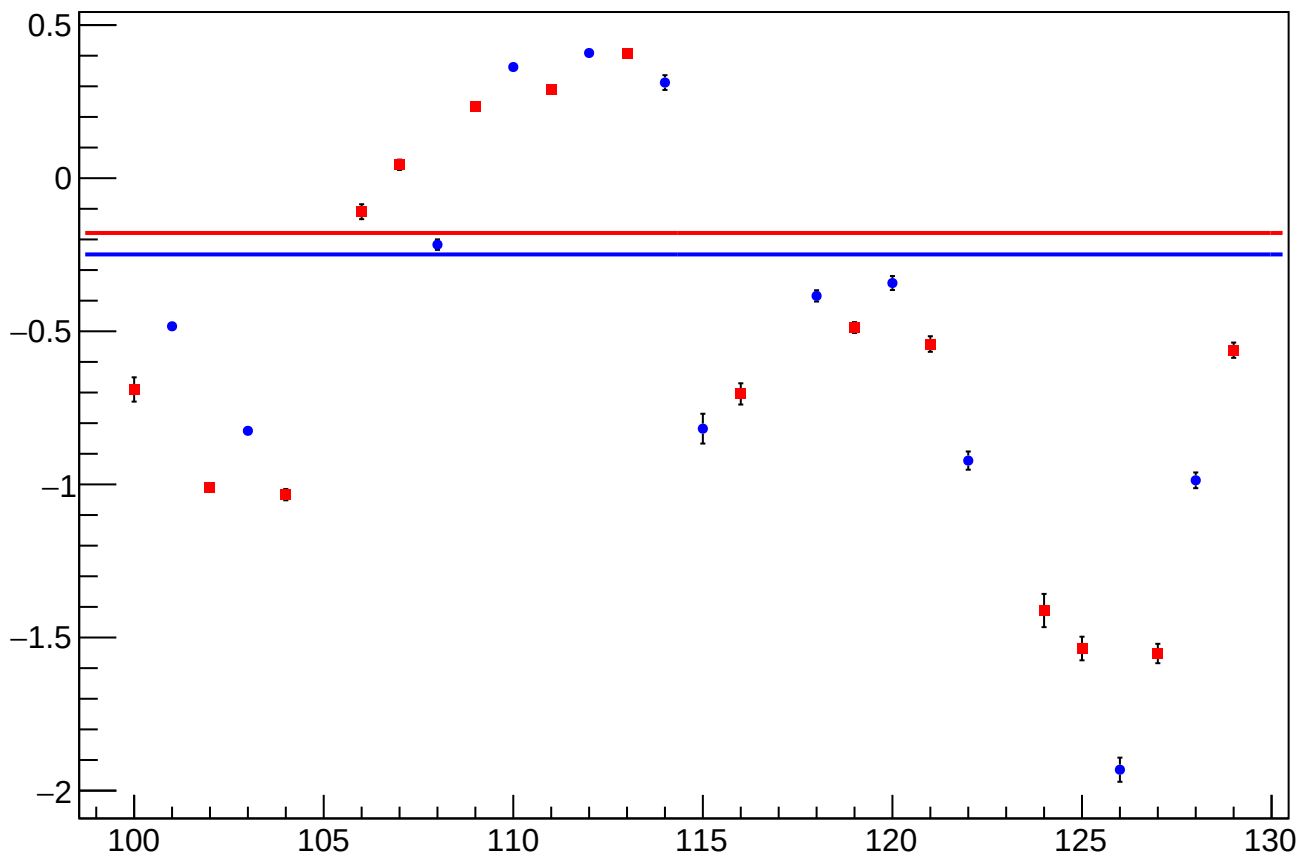
Right: -2.429+/-0.056 χ^2/NDF : 2166.3/26

In: -2.529+/-0.084 χ^2/NDF : 1258.1/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.429+/-0.056 χ^2/NDF : 2166.3/26

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.249 ± 0.005 $\chi^2/\text{NDF}: 10010.4/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.179 ± 0.005 $\chi^2/\text{NDF}: 15008.7/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

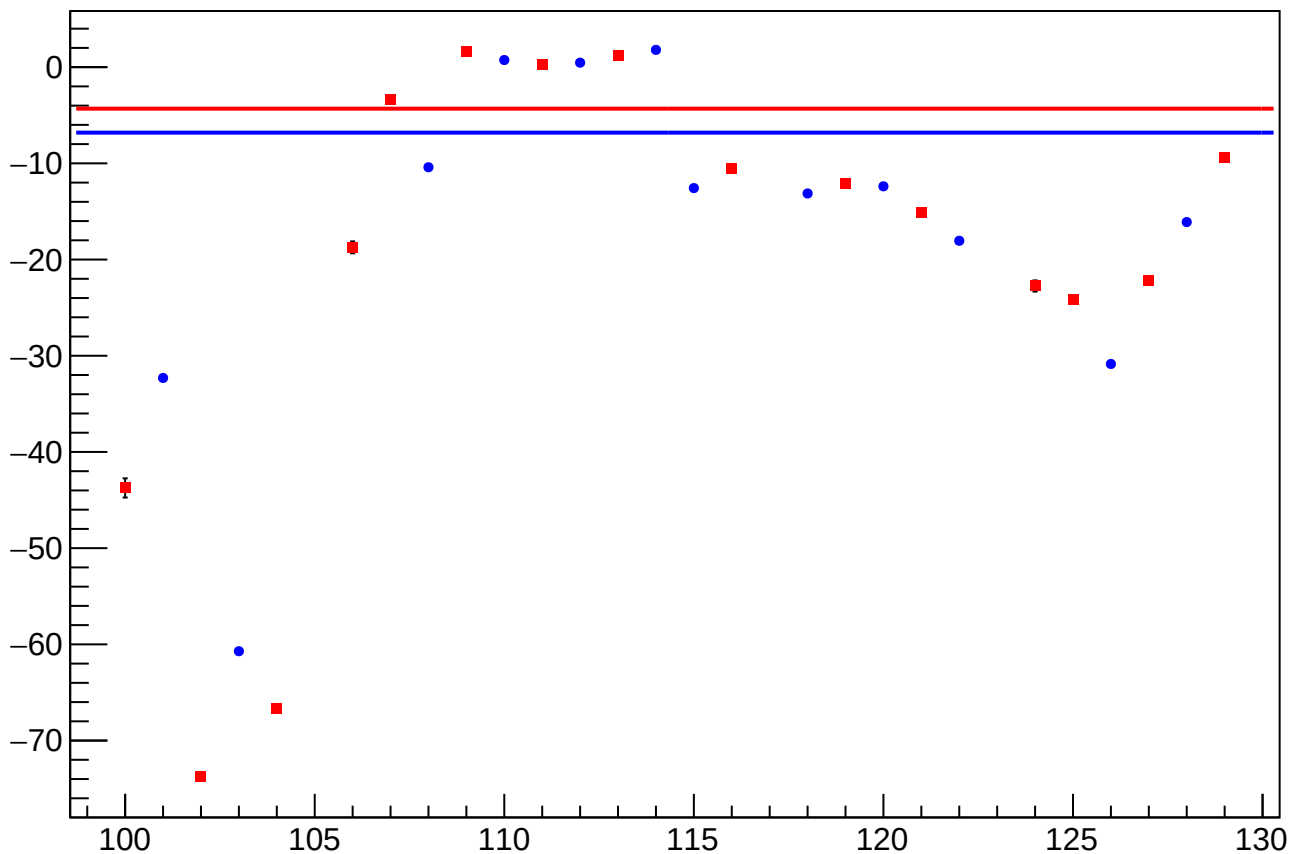
Right: -0.210 ± 0.004 $\chi^2/\text{NDF}: 25113.2/26$

In: -0.249 ± 0.005 $\chi^2/\text{NDF}: 10010.4/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.210 ± 0.004 $\chi^2/\text{NDF}: 25113.2/26$

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.806+/-0.065 χ^2/NDF : 37836.3/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.315+/-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

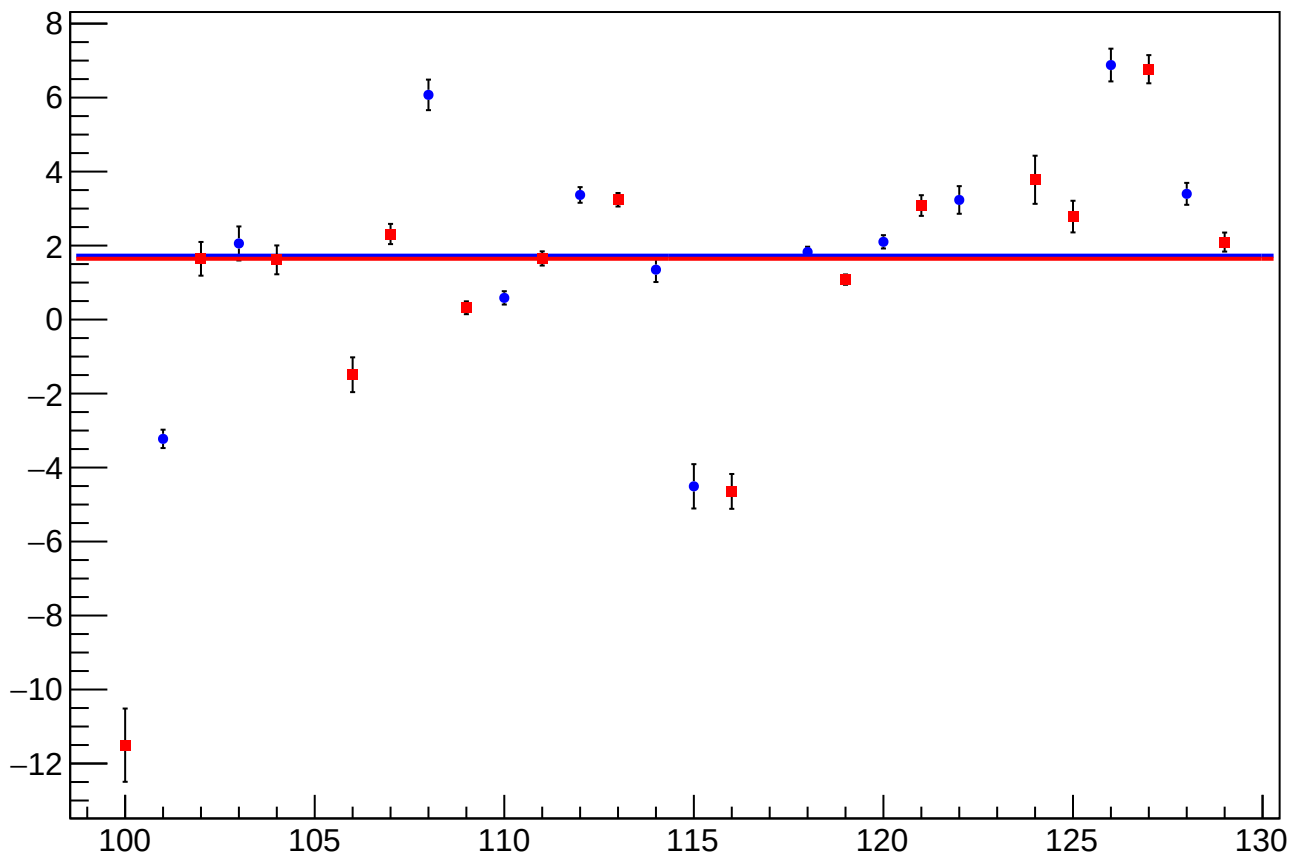
Right: -5.303+/-0.041 χ^2/NDF : 97496.4/26

In: -6.806+/-0.065 χ^2/NDF :37836.3/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.303+/-0.041 χ^2/NDF : 97496.4/26

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.728+/-0.071 χ^2/NDF : 907.2/11

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

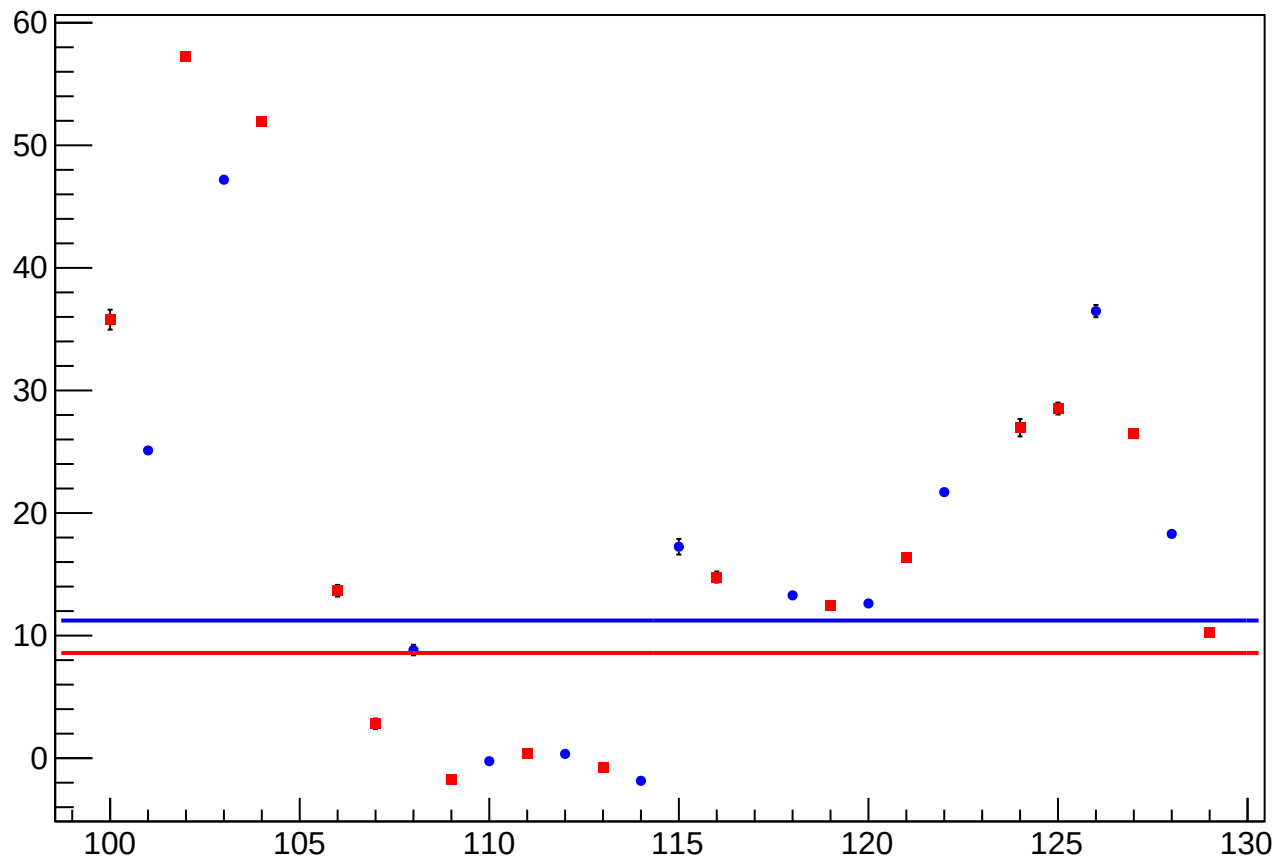
Right: 1.683+/-0.049 χ^2/NDF : 1692.0/26

In: 1.728+/-0.071 χ^2/NDF : 907.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.683+/-0.049 χ^2/NDF : 1692.0/26

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.230+/-0.080 χ^2/NDF : 27791.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.583+/-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

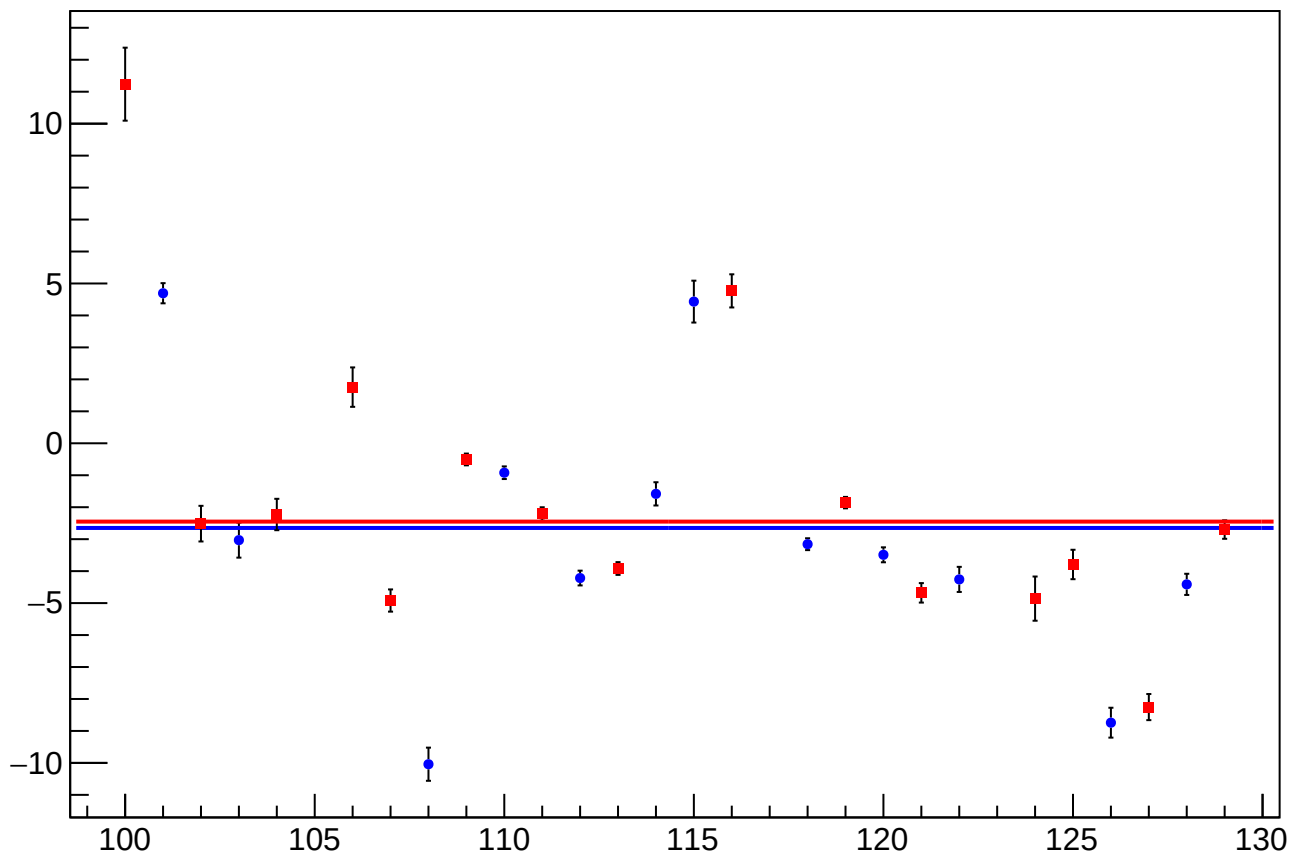
Right: 9.728+/-0.052 χ^2/NDF : 76838.7/26

In: 11.230+/-0.080 χ^2/NDF : 27791.2/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.728+/-0.052 χ^2/NDF : 76838.7/26

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.649+/-0.085 χ^2/NDF : 1228.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.450+/-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

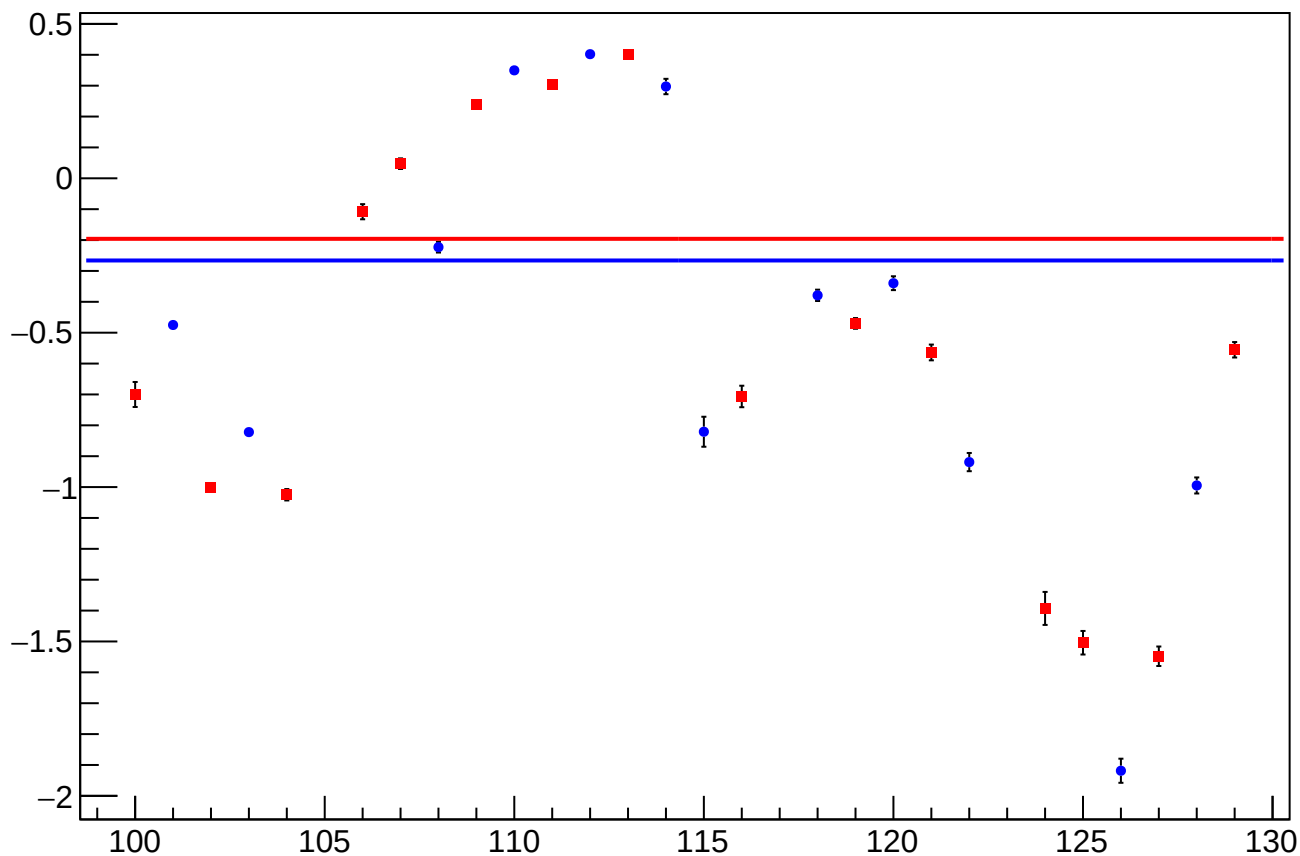
Right: -2.540+/-0.057 χ^2/NDF : 2121.0/26

In: -2.649+/-0.085 χ^2/NDF :1228.7/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.540+/-0.057 χ^2/NDF : 2121.0/26

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.266+/-0.005 χ^2/NDF : 9502.5/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.196+/-0.005 χ^2/NDF : 14520.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

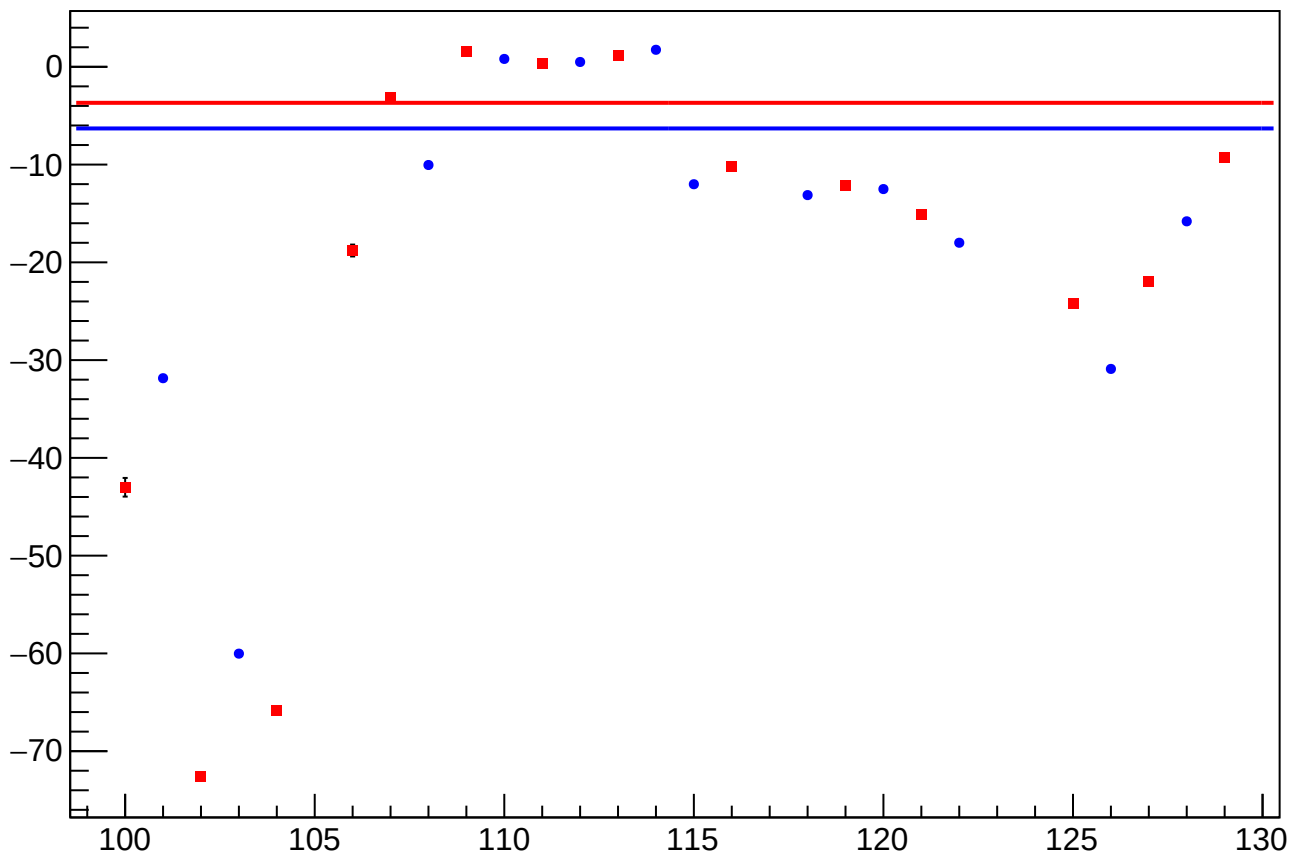
Right: -0.227+/-0.004 χ^2/NDF : 24114.3/26

In: -0.266+/-0.005 χ^2/NDF :9502.5/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.227+/-0.004 χ^2/NDF : 24114.3/26

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.304+/-0.062 χ^2 /NDF: 39619.2/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -3.683+/-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

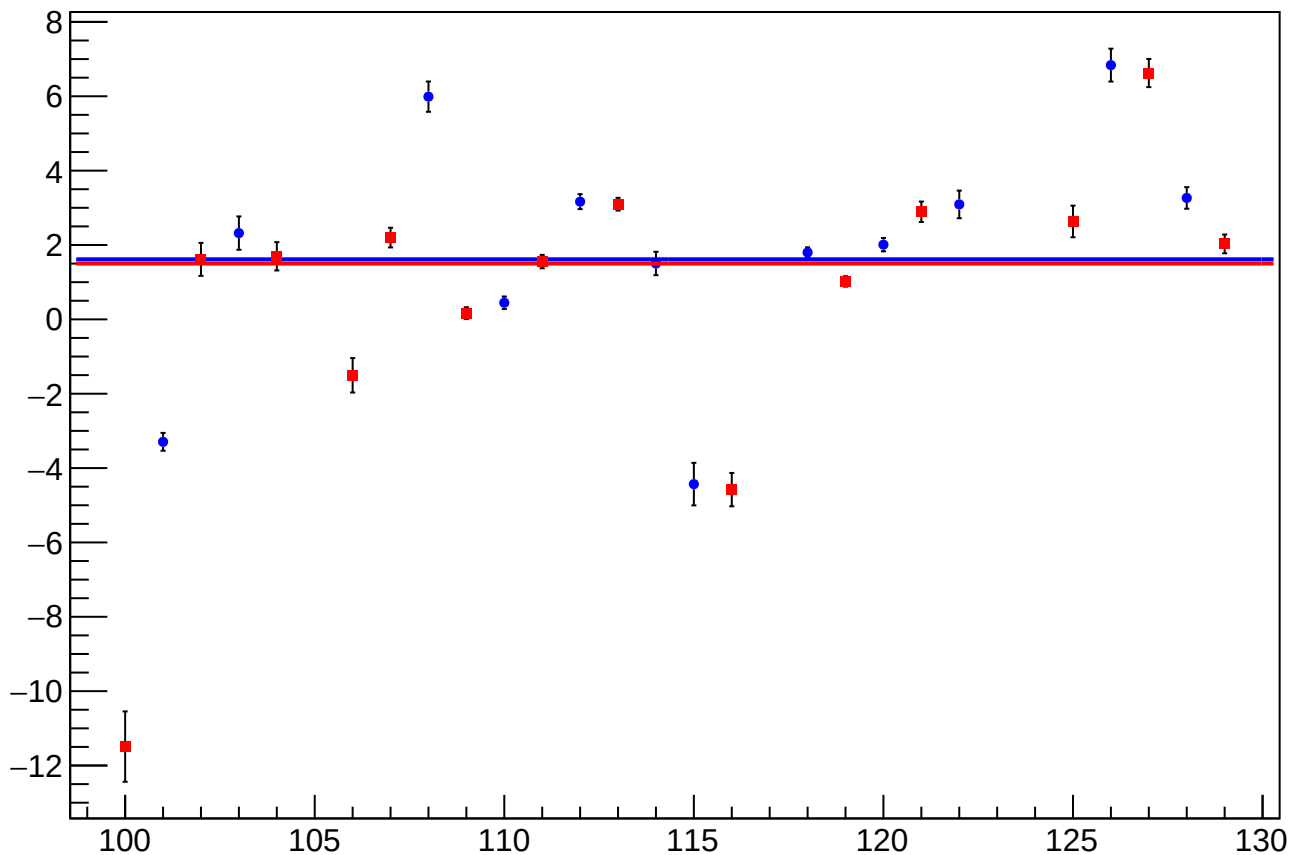
Right: -4.711+/-0.039 χ^2 /NDF: 100558.9/25

In: -6.304+/-0.062 χ^2 /NDF:39619.2/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -4.711+/-0.039 χ^2 /NDF: 100558.9/25

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.615+/-0.069 χ^2/NDF : 950.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.501+/-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

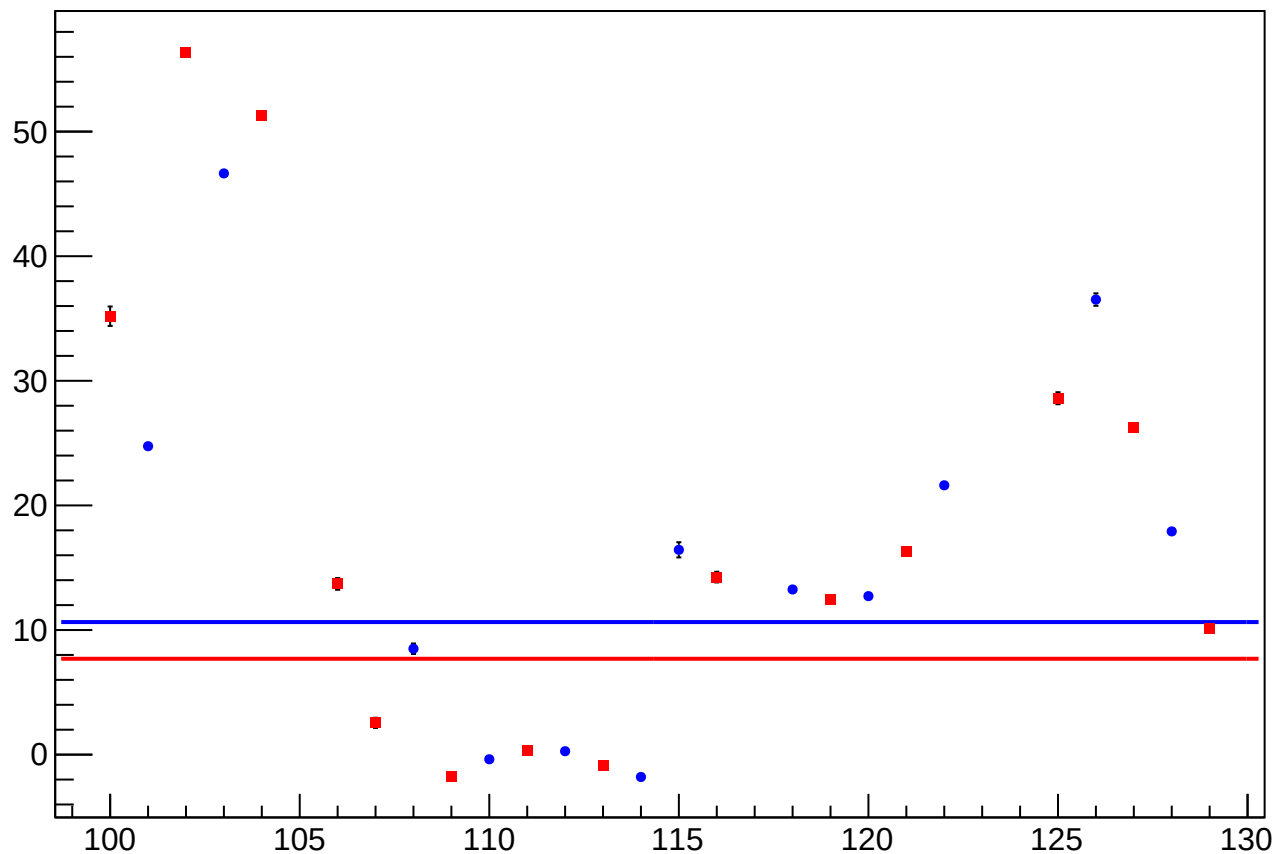
Right: 1.555+/-0.047 χ^2/NDF : 1763.5/25

In: 1.615+/-0.069 χ^2/NDF : 950.5/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.555+/-0.047 χ^2/NDF : 1763.5/25

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.639+/-0.076 χ^2/NDF : 29408.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.695+/-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

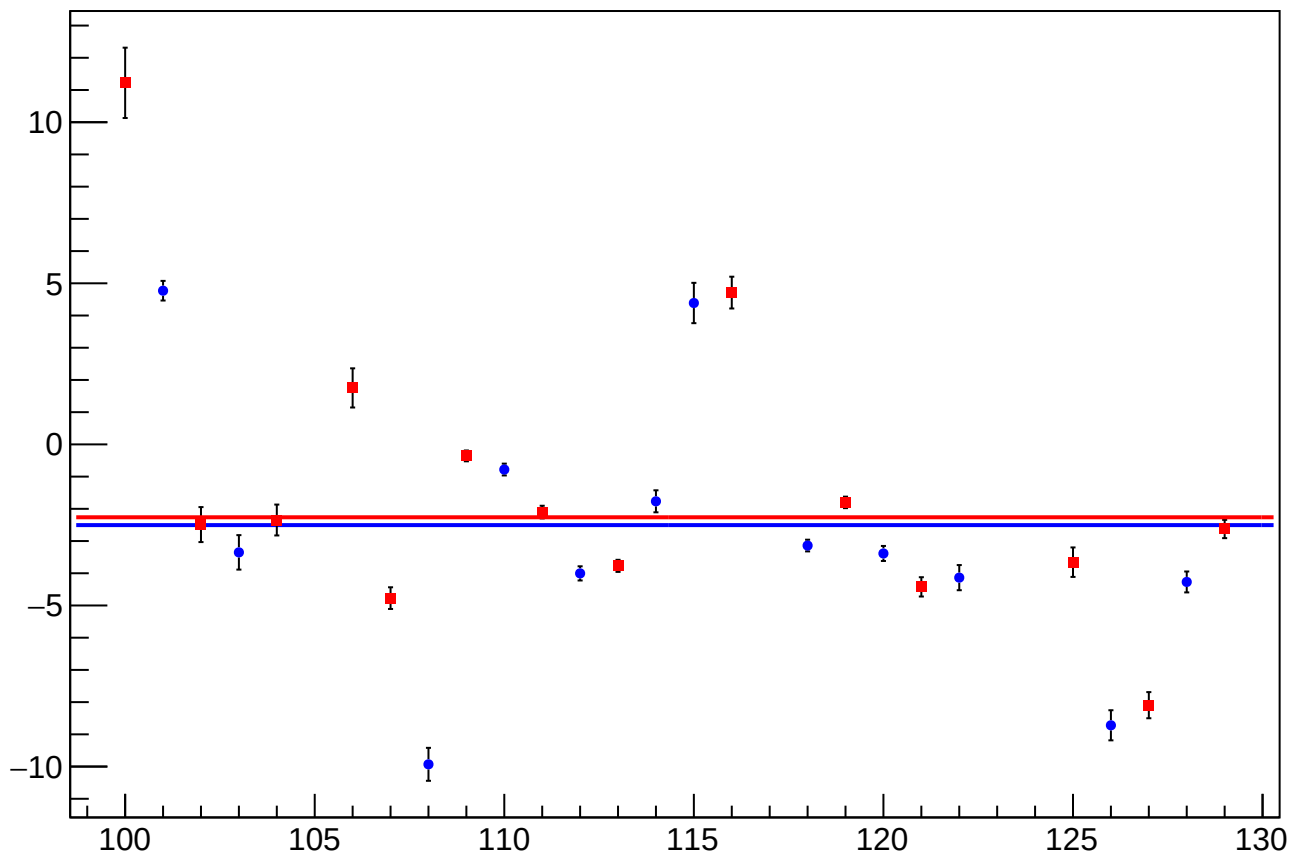
Right: 8.959+/-0.050 χ^2/NDF : 80292.6/25

In: 10.639+/-0.076 χ^2/NDF : 29408.3/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.959+/-0.050 χ^2/NDF : 80292.6/25

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.505+/-0.082 χ^2 /NDF: 1294.2/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2.262+/-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

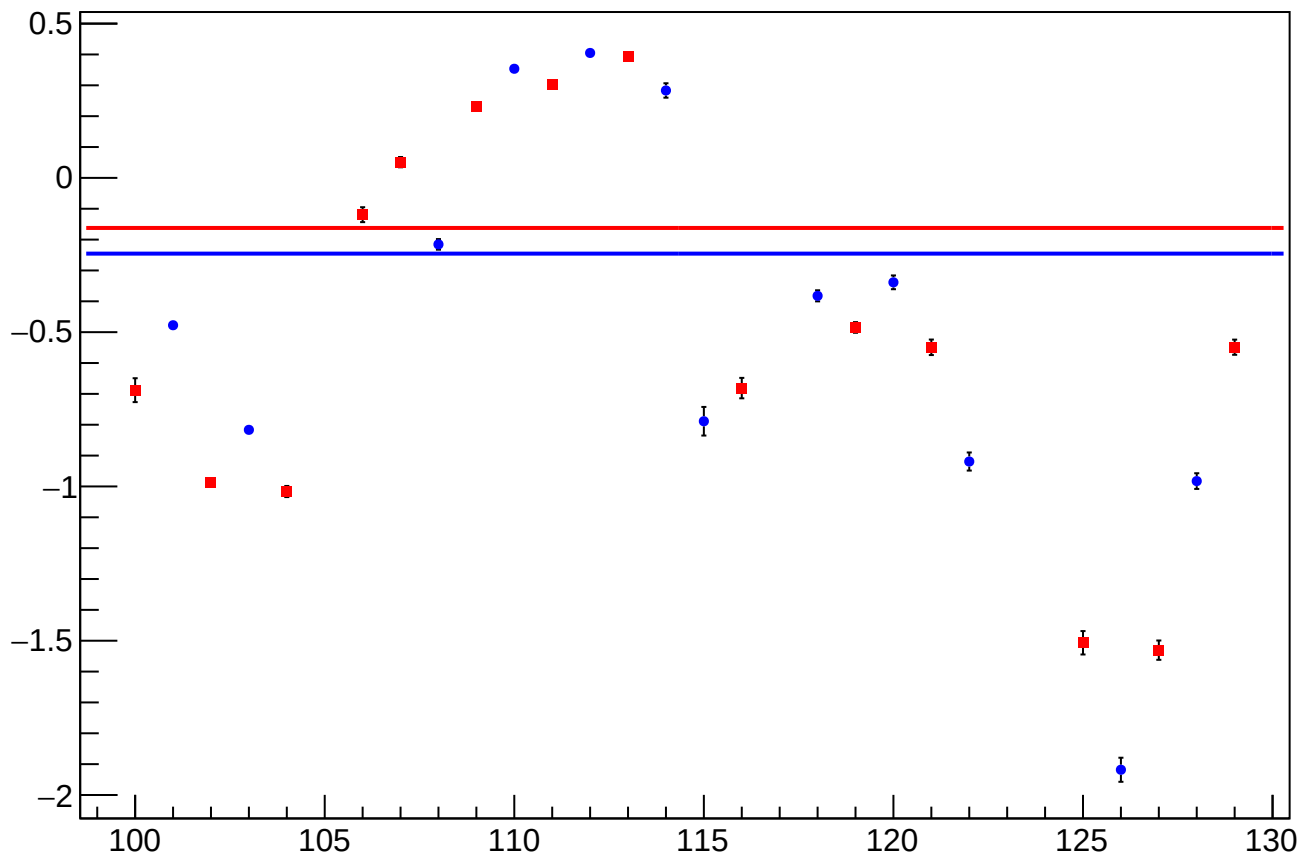
Right: -2.372+/-0.055 χ^2 /NDF: 2220.7/25

In: -2.505+/-0.082 χ^2 /NDF:1294.2/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2.372+/-0.055 χ^2 /NDF: 2220.7/25

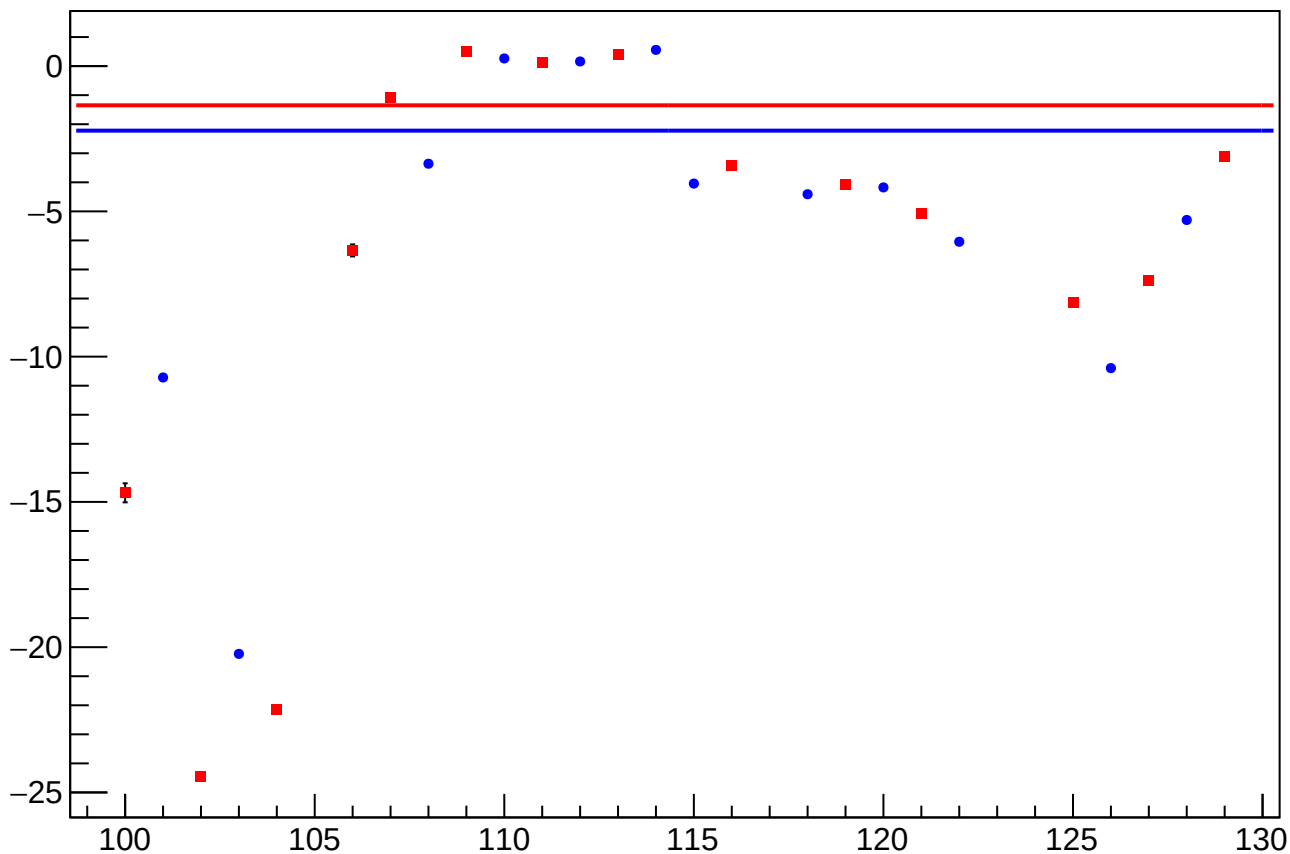
reg_asym_bcm_2an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.245 ± 0.005 χ^2/NDF : 10181.5/11
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -0.162 ± 0.005 χ^2/NDF : 14754.2/13
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -0.199 ± 0.004 χ^2/NDF : 25074.4/25
 In: -0.245 ± 0.005 χ^2/NDF : 10181.5/11
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -0.199 ± 0.004 χ^2/NDF : 25074.4/25

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.221+/-0.021 χ^2/NDF : 38547.0/11

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

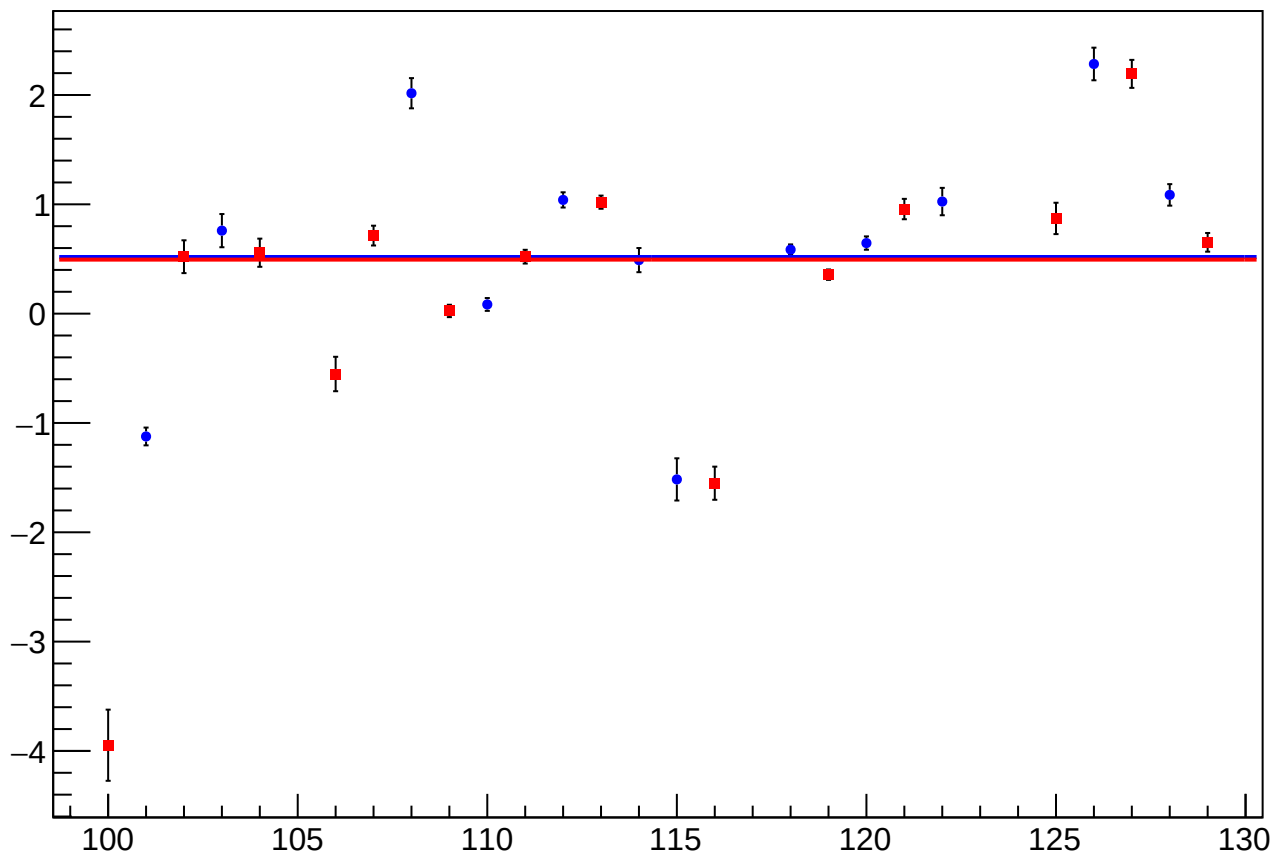
Right: -1.696+/-0.013 χ^2/NDF : 98032.5/25

In: -2.221+/-0.021 χ^2/NDF :38547.0/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.696+/-0.013 χ^2/NDF : 98032.5/25

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.518+/-0.024 χ^2/NDF : 945.8/11

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

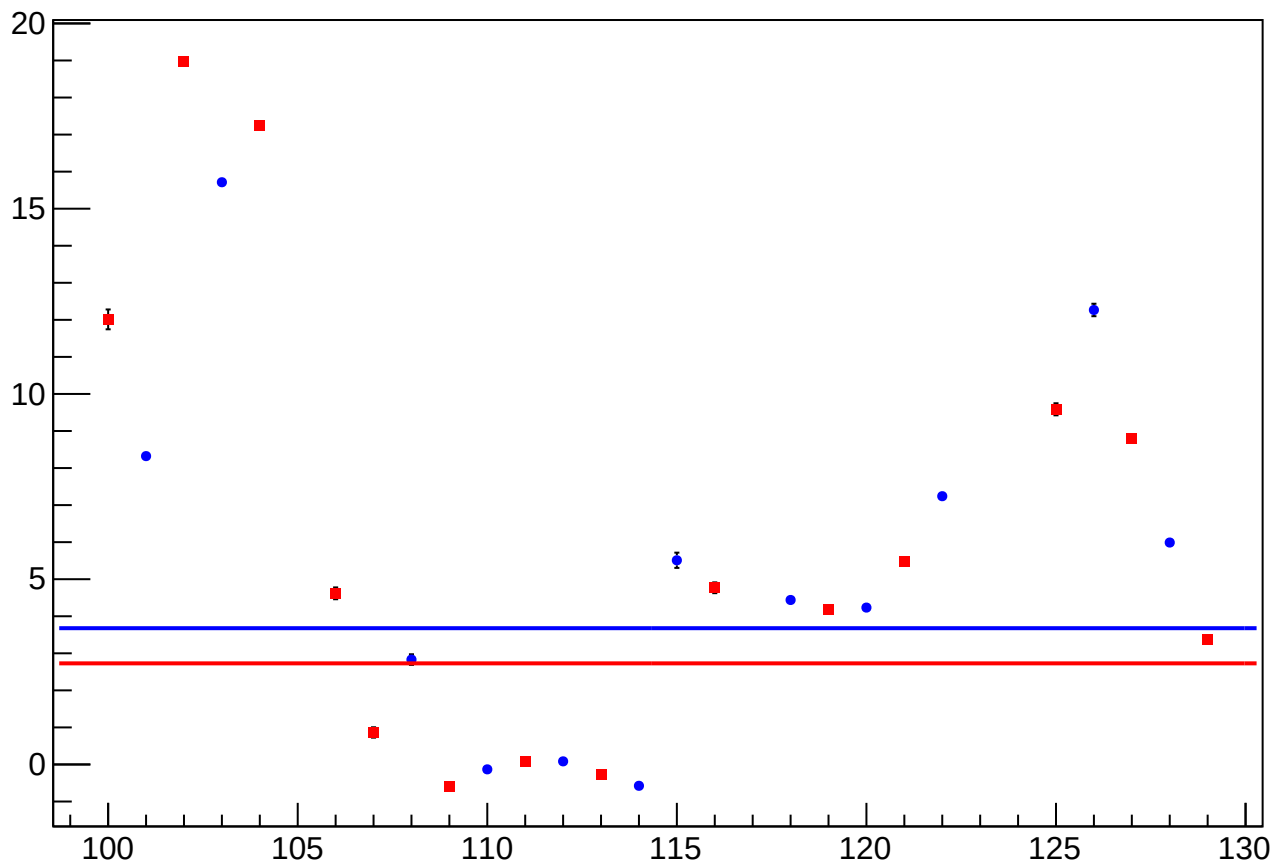
Right: 0.506+/-0.016 χ^2/NDF : 1729.6/25

In: 0.518+/-0.024 χ^2/NDF : 945.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.506+/-0.016 χ^2/NDF : 1729.6/25

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.678 ± 0.026 χ^2/NDF : 28442.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.729 ± 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

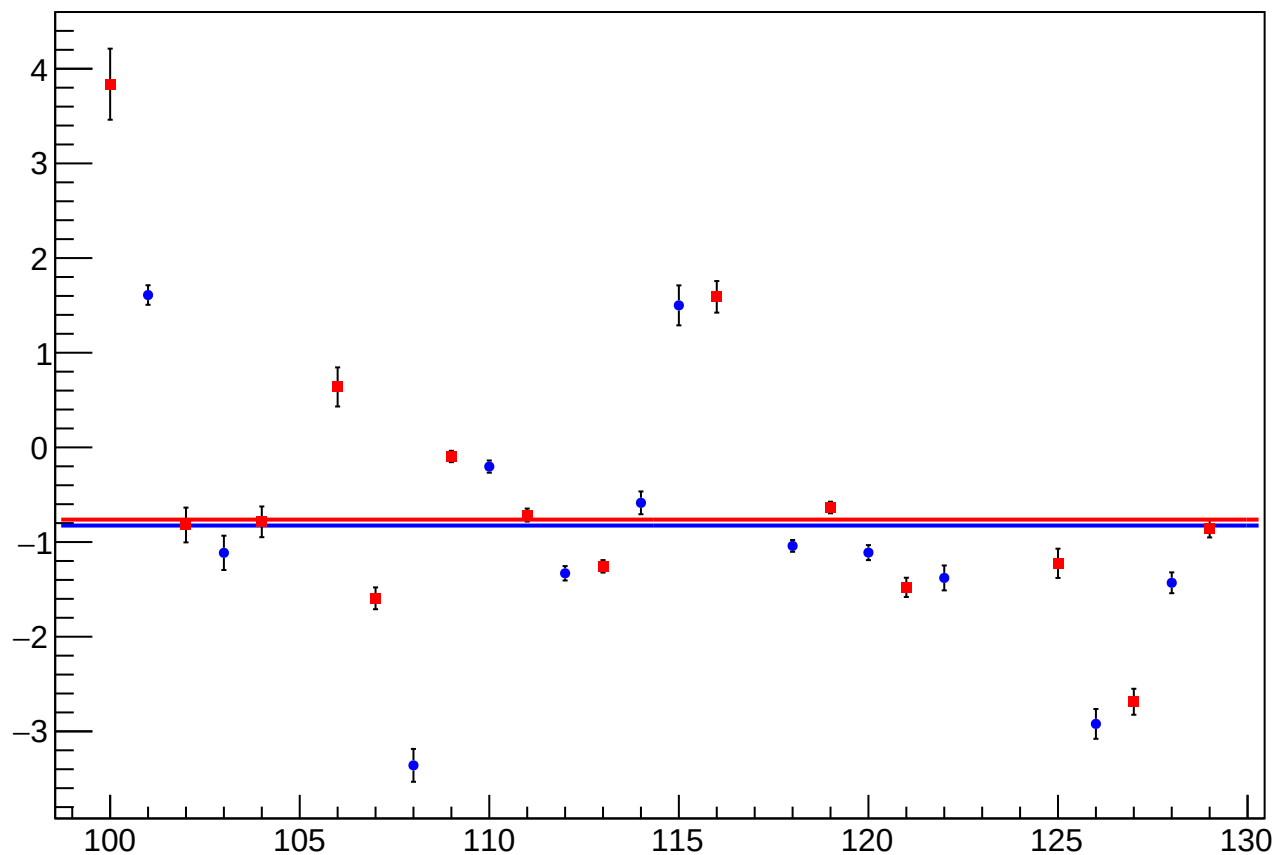
Right: 3.141 ± 0.017 χ^2/NDF : 77772.9/25

In: 3.678 ± 0.026 χ^2/NDF : 28442.2/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 3.141 ± 0.017 χ^2/NDF : 77772.9/25

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.826 ± 0.028 χ^2/NDF : 1283.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.763 ± 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

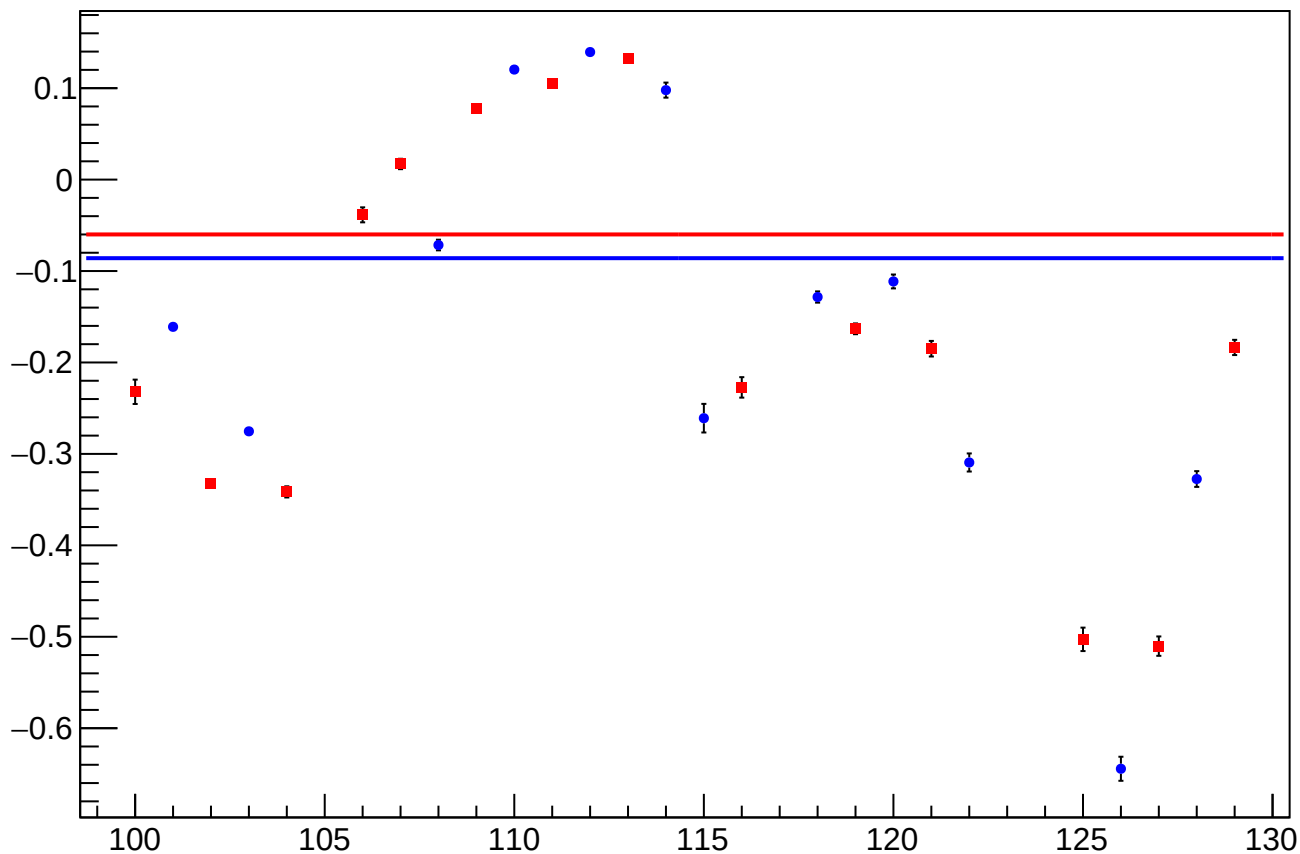
Right: -0.792 ± 0.019 χ^2/NDF : 2174.6/25

In: -0.826 ± 0.028 χ^2/NDF : 1283.8/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.792 ± 0.019 χ^2/NDF : 2174.6/25

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.086 ± 0.002 χ^2/NDF : 9874.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.060 ± 0.002 χ^2/NDF : 14180.3/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

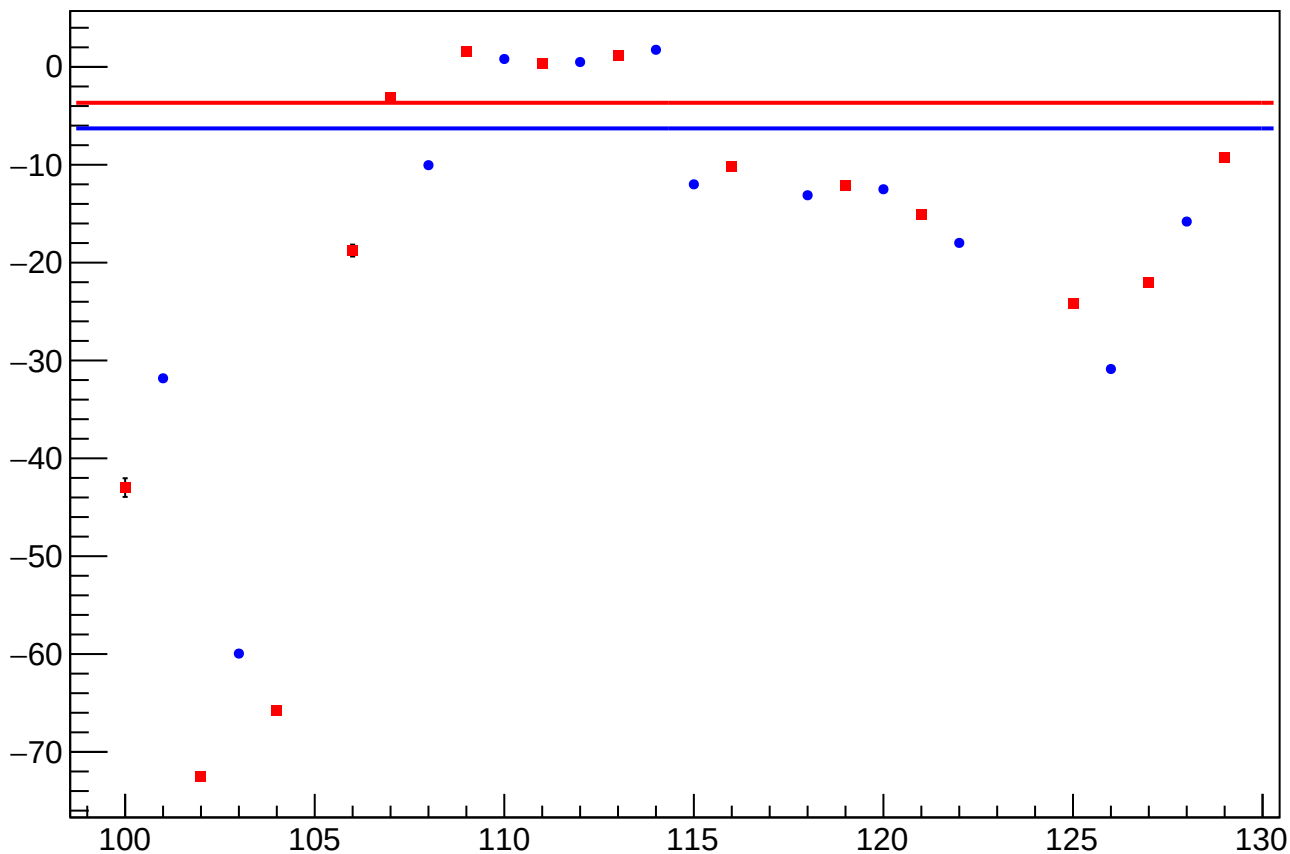
Right: -0.071 ± 0.001 χ^2/NDF : 24168.7/25

In: -0.086 ± 0.002 χ^2/NDF : 9874.4/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.071 ± 0.001 χ^2/NDF : 24168.7/25

reg_asym_bcm_an_us_an_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.285+/-0.062 χ^2/NDF : 39646.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.667+/-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

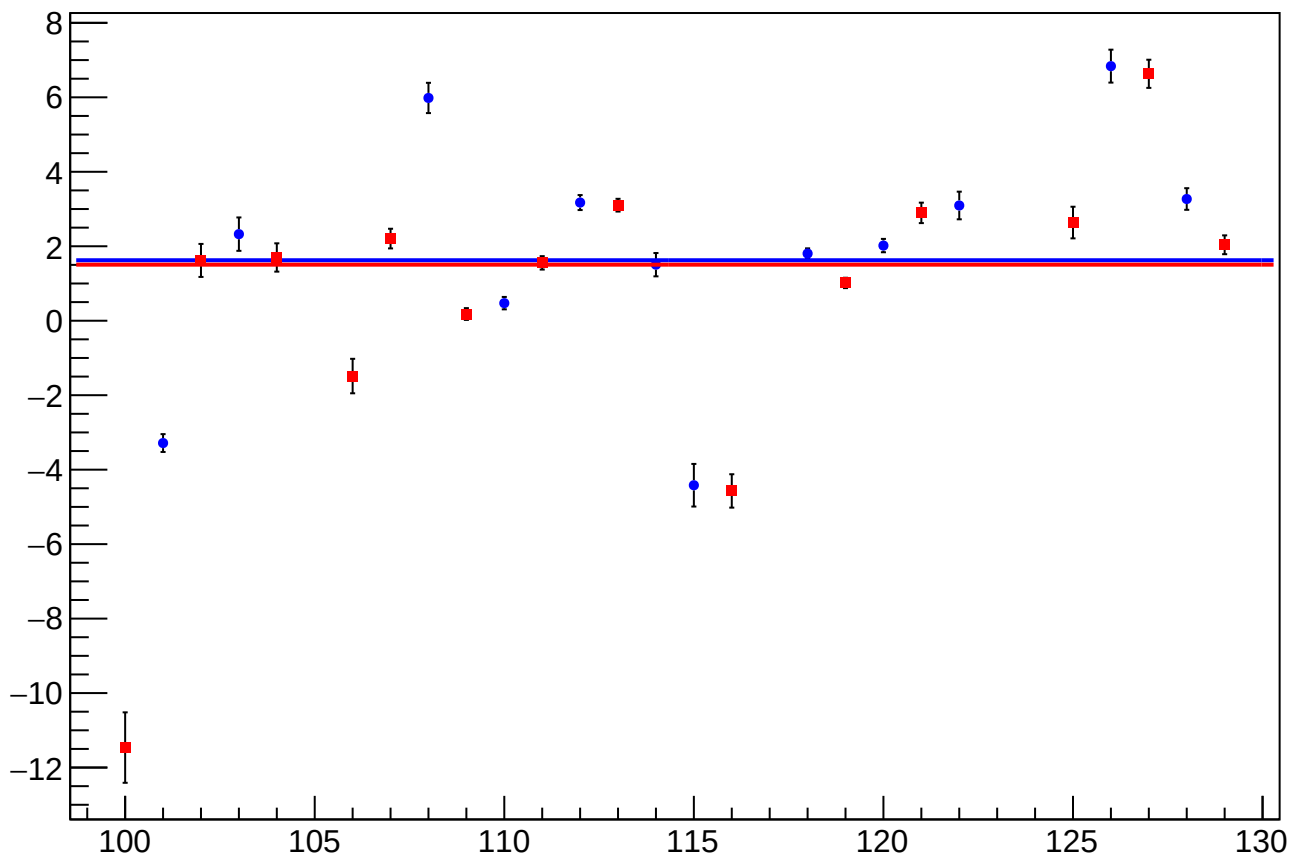
Right: -4.694+/-0.039 χ^2/NDF : 100618.0/25

In: -6.285+/-0.062 χ^2/NDF :39646.6/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.694+/-0.039 χ^2/NDF : 100618.0/25

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.625+/-0.069 χ^2/NDF : 948.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.506+/-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

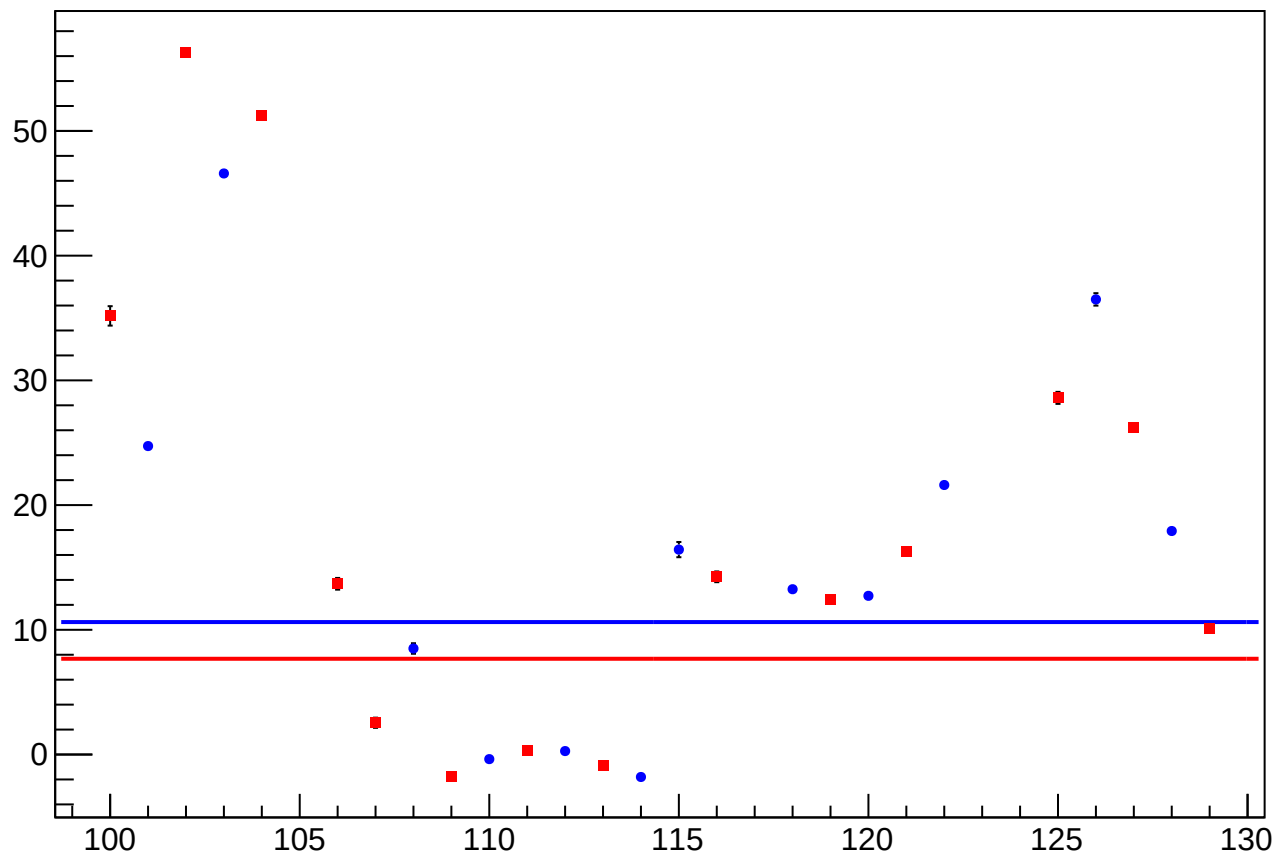
Right: 1.562+/-0.047 χ^2/NDF : 1762.0/25

In: 1.625+/-0.069 χ^2/NDF : 948.9/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.562+/-0.047 χ^2/NDF : 1762.0/25

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.620+/-0.076 χ^2/NDF : 29433.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.677+/-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

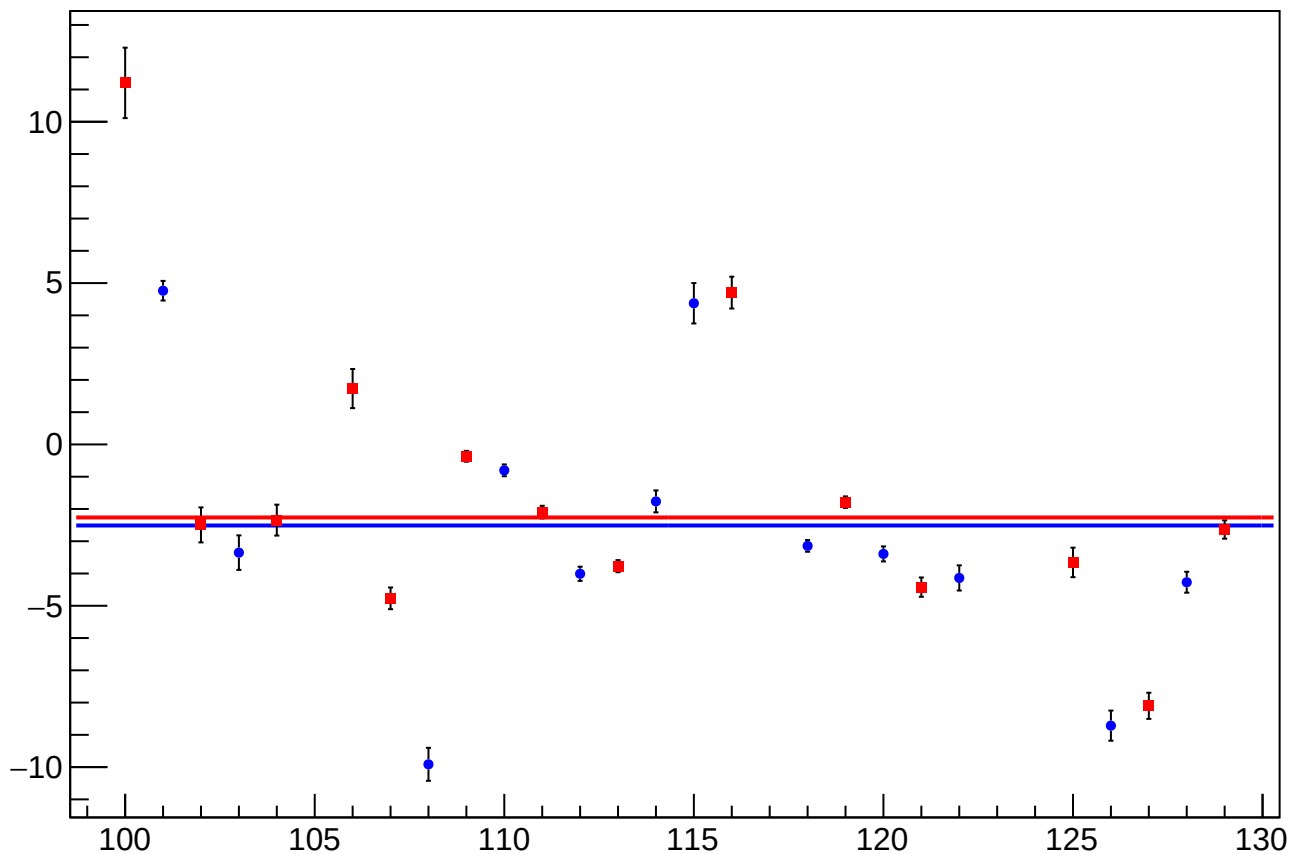
Right: 8.941+/-0.050 χ^2/NDF : 80351.9/25

In: 10.620+/-0.076 χ^2/NDF : 29433.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.941+/-0.050 χ^2/NDF : 80351.9/25

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.512 ± 0.082 χ^2/NDF : 1292.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.263 ± 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

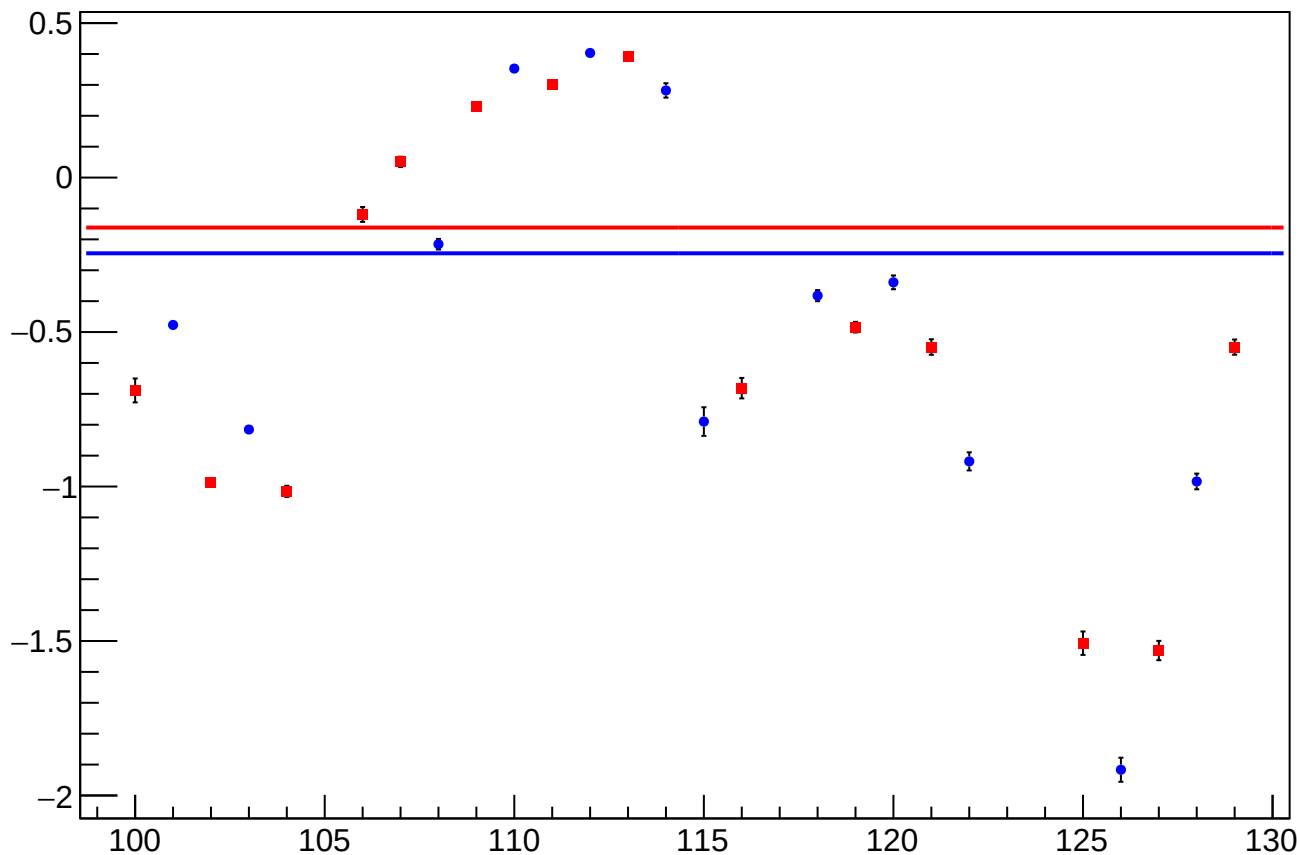
Right: -2.376 ± 0.055 χ^2/NDF : 2219.0/25

In: -2.512 ± 0.082 χ^2/NDF : 1292.4/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.376 ± 0.055 χ^2/NDF : 2219.0/25

reg_asym_bcm_an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.245 ± 0.005 $\chi^2/\text{NDF}: 10180.9/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.162 ± 0.005 $\chi^2/\text{NDF}: 14766.6/13$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

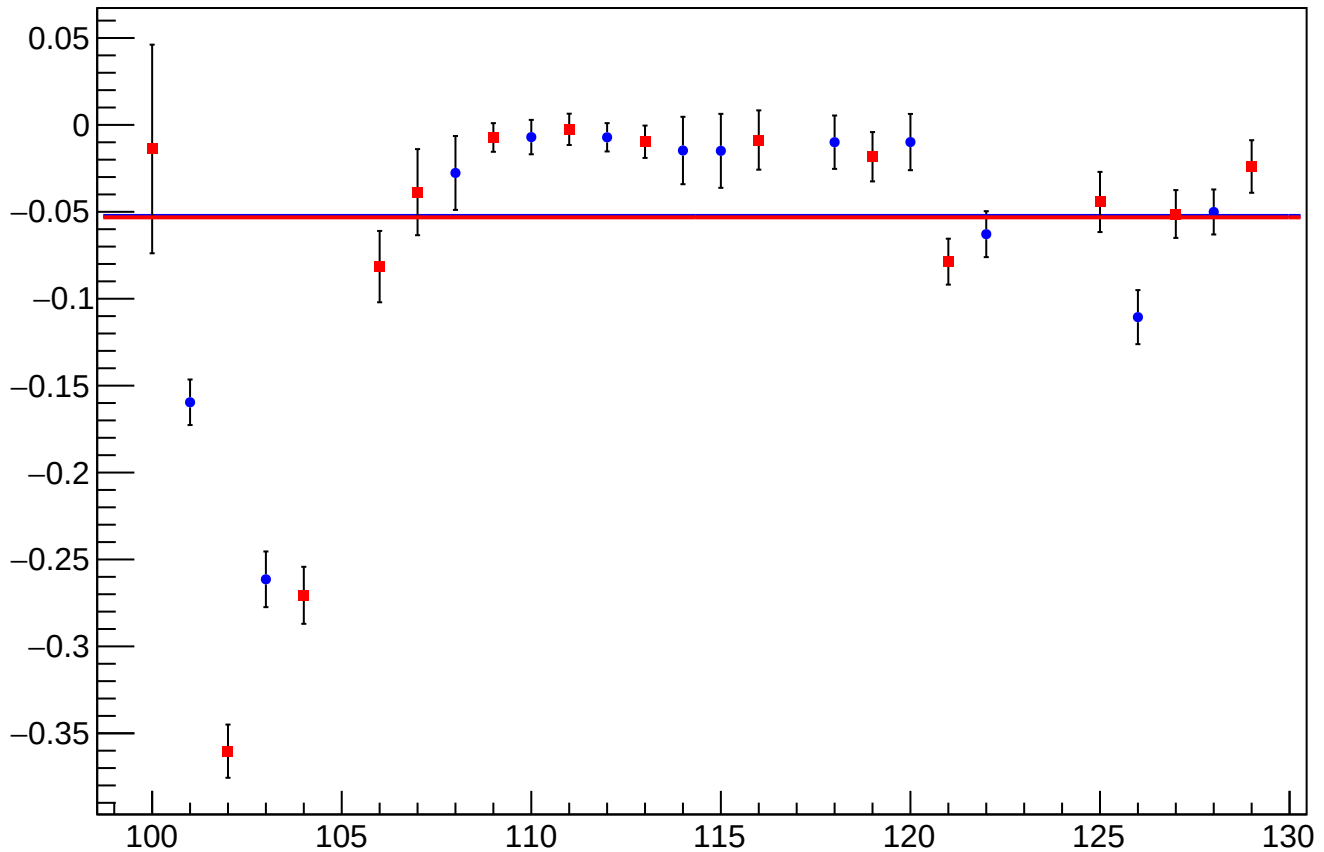
Right: -0.198 ± 0.004 $\chi^2/\text{NDF}: 25087.0/25$

In: -0.245 ± 0.005 $\chi^2/\text{NDF}: 10180.9/11$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.198 ± 0.004 $\chi^2/\text{NDF}: 25087.0/25$

reg_asym_bcm_an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.052+/-0.004 χ^2 /NDF: 326.6/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.053+/-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

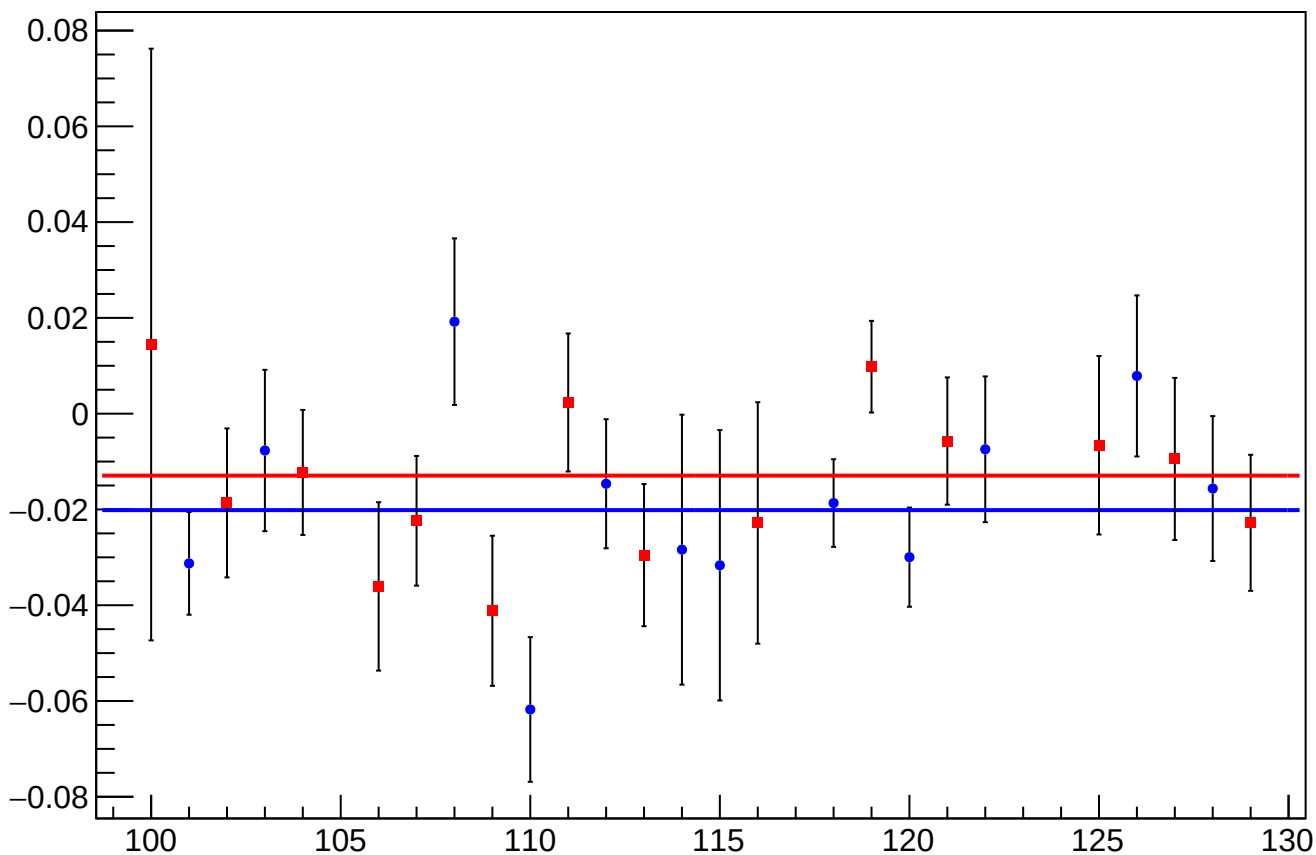
Right: -0.053+/-0.003 χ^2 /NDF: 1012.5/25

In: -0.052+/-0.004 χ^2 /NDF:326.6/11

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.053+/-0.003 χ^2 /NDF: 1012.5/25

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.020 ± 0.004 χ^2/NDF : 19.2/11

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

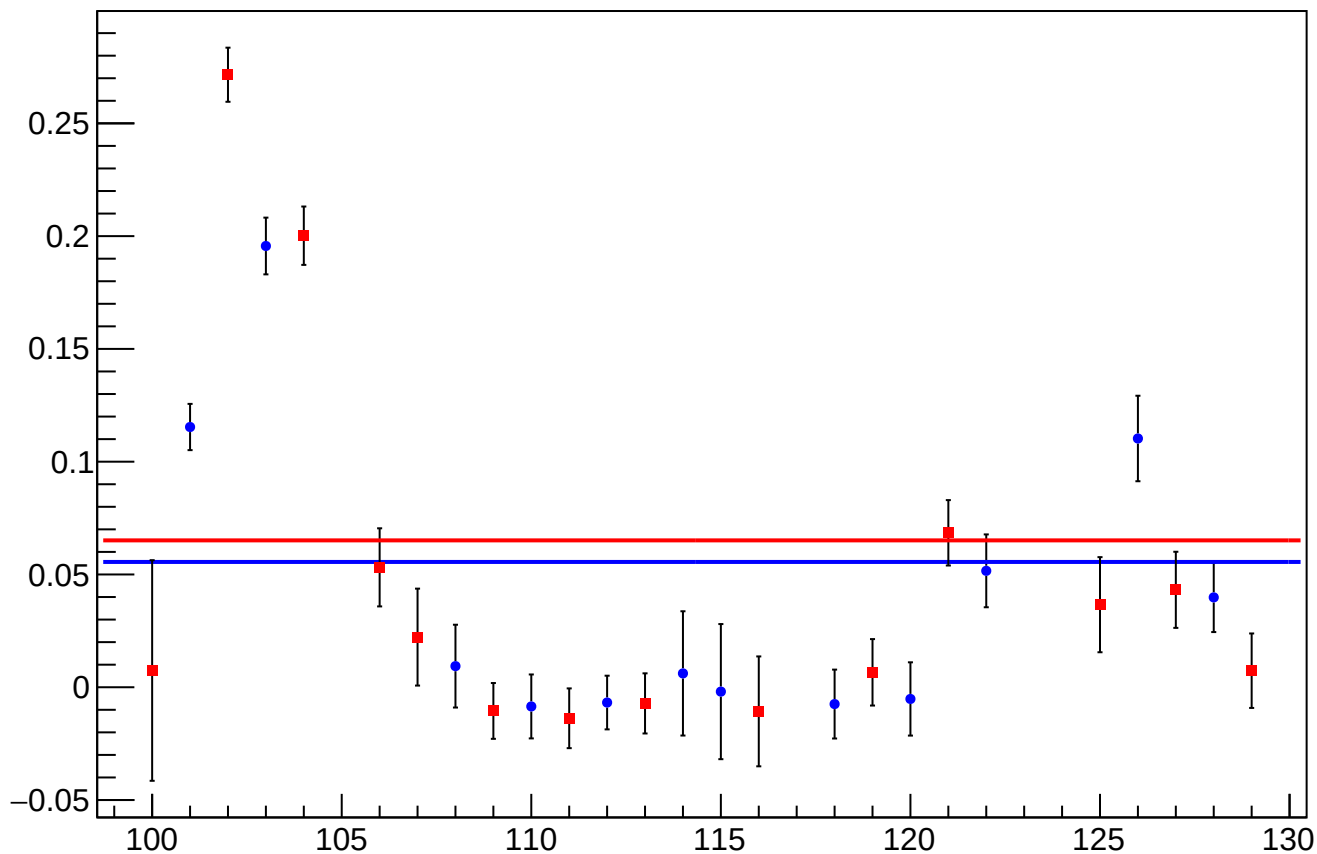
Right: -0.017 ± 0.003 χ^2/NDF : 35.7/25

In: -0.020 ± 0.004 χ^2/NDF : 19.2/11

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.017 ± 0.003 χ^2/NDF : 35.7/25

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.056+/-0.004 χ^2/NDF : 259.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.065+/-0.004 χ^2/NDF : 554.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

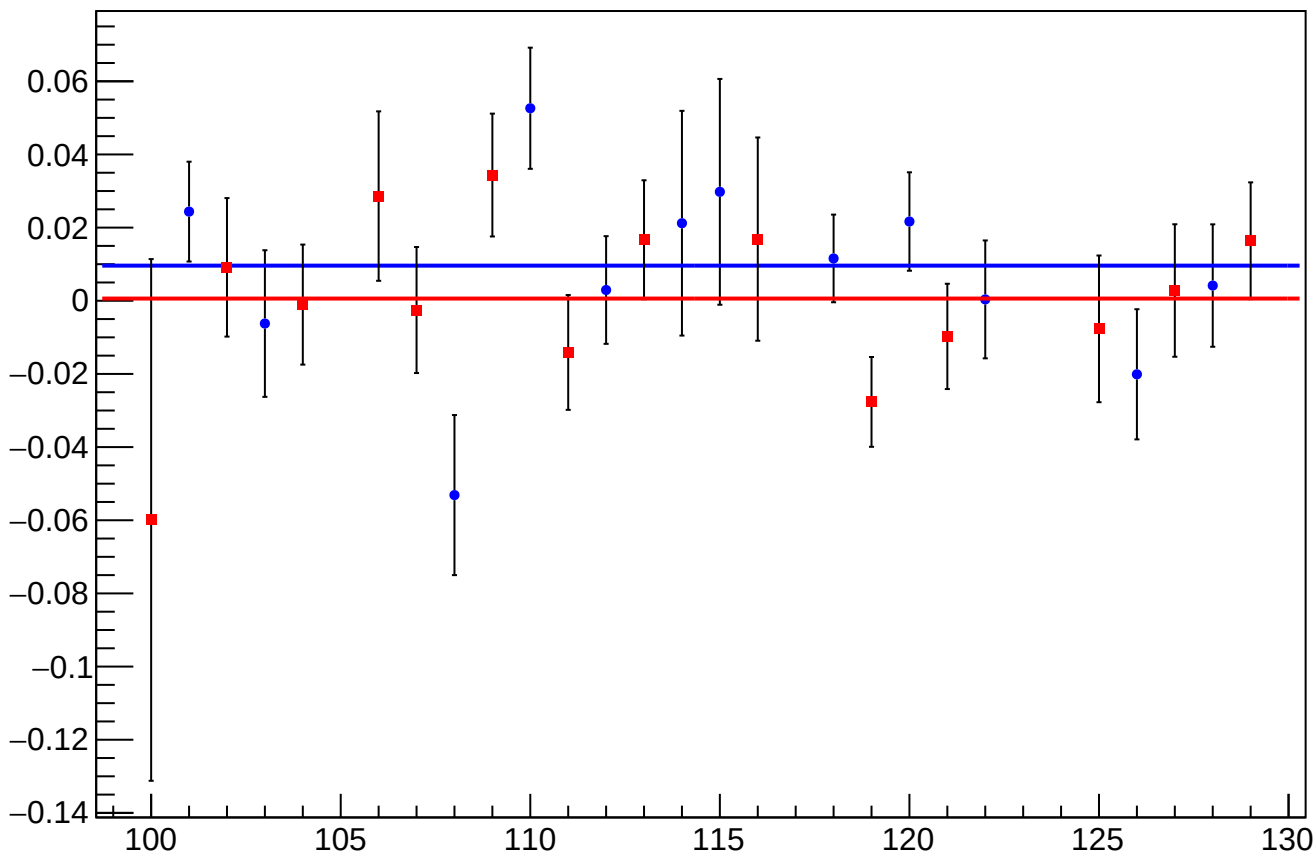
Right: 0.061+/-0.003 χ^2/NDF : 816.7/25

In: 0.056+/-0.004 χ^2/NDF : 259.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.061+/-0.003 χ^2/NDF : 816.7/25

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.005 χ^2 /NDF: 21.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.005 χ^2 /NDF: 15.7/13

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

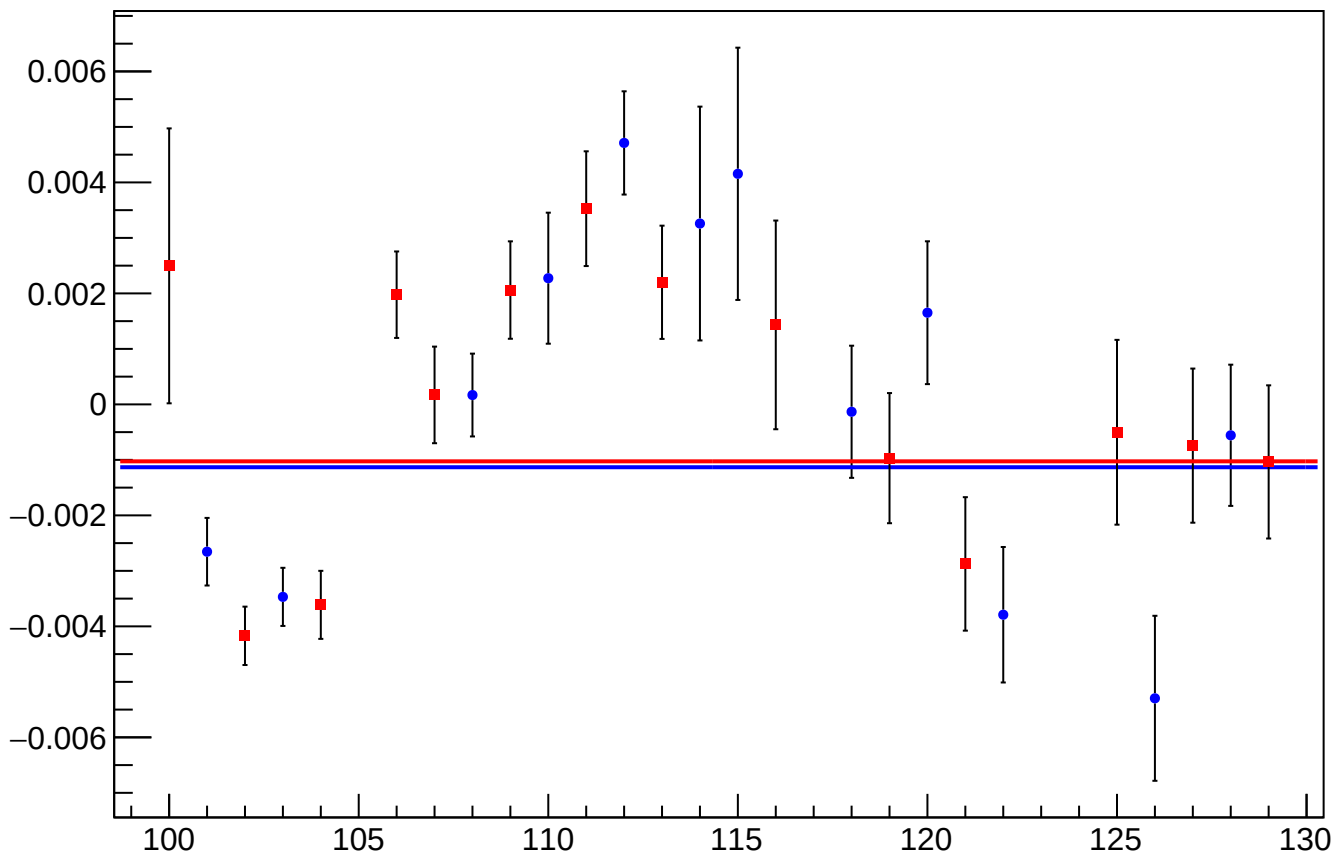
Right: 0.005 $\pm$ 0.003 χ^2 /NDF: 39.0/25

In: 0.010 $\pm$ 0.005 χ^2 /NDF:21.6/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.005 $\pm$ 0.003 χ^2 /NDF: 39.0/25

reg_asym_bcm_an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.001+/-0.000 χ^2/NDF : 104.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.001+/-0.000 χ^2/NDF : 118.3/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

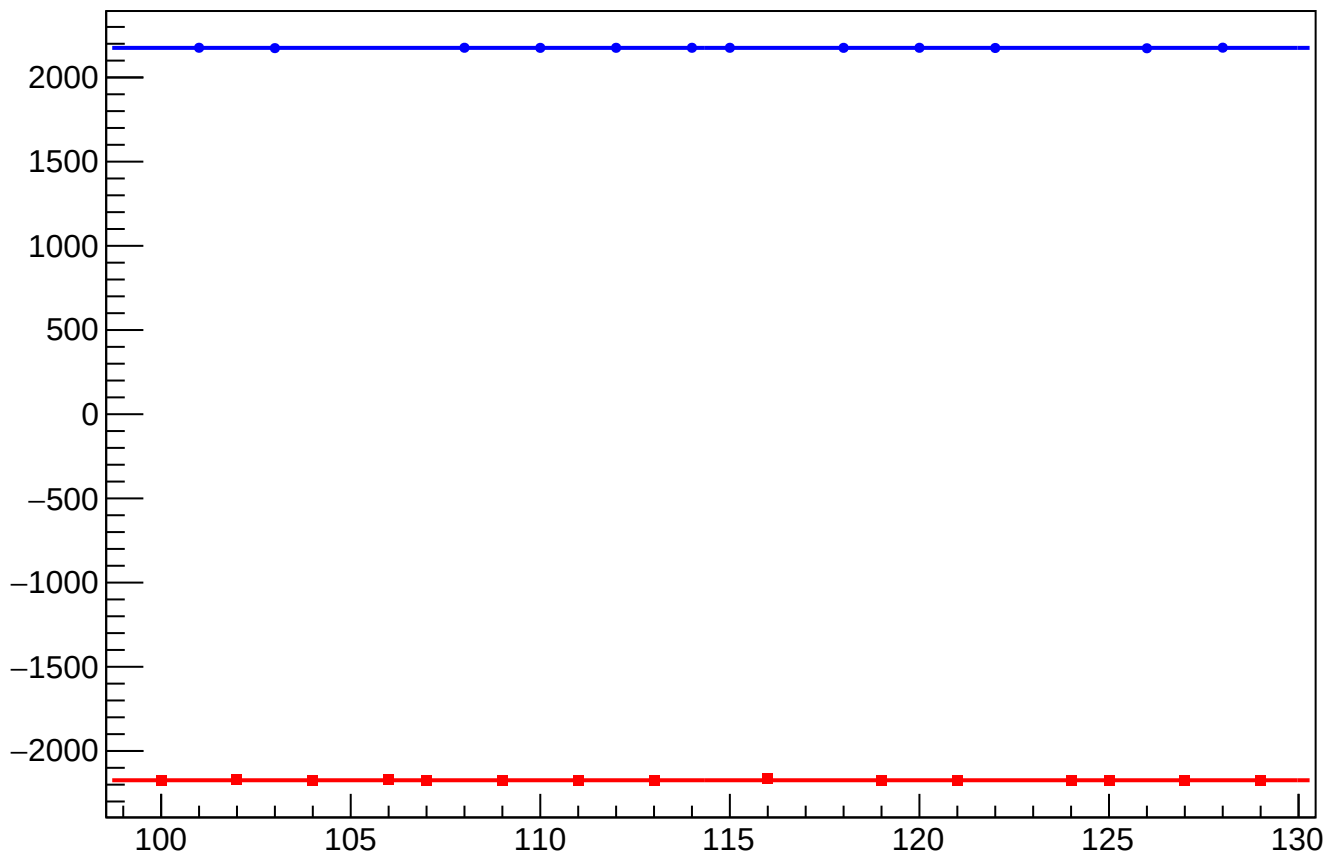
Right: -0.001+/-0.000 χ^2/NDF : 223.3/25

In: -0.001+/-0.000 χ^2/NDF :104.9/11

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

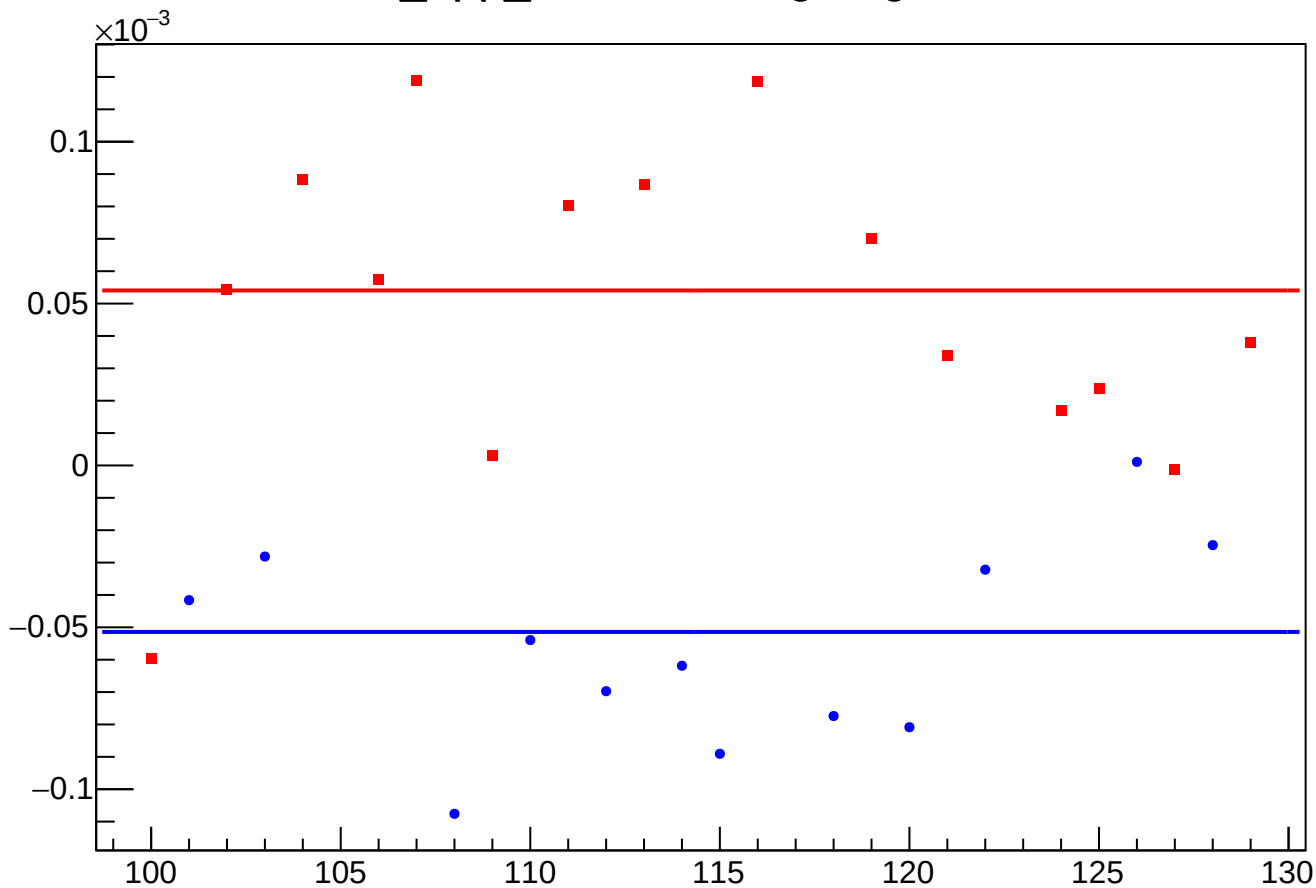
All: -0.001+/-0.000 χ^2/NDF : 223.3/25

HALLA_p_mean vs Slug, Sign Corrected



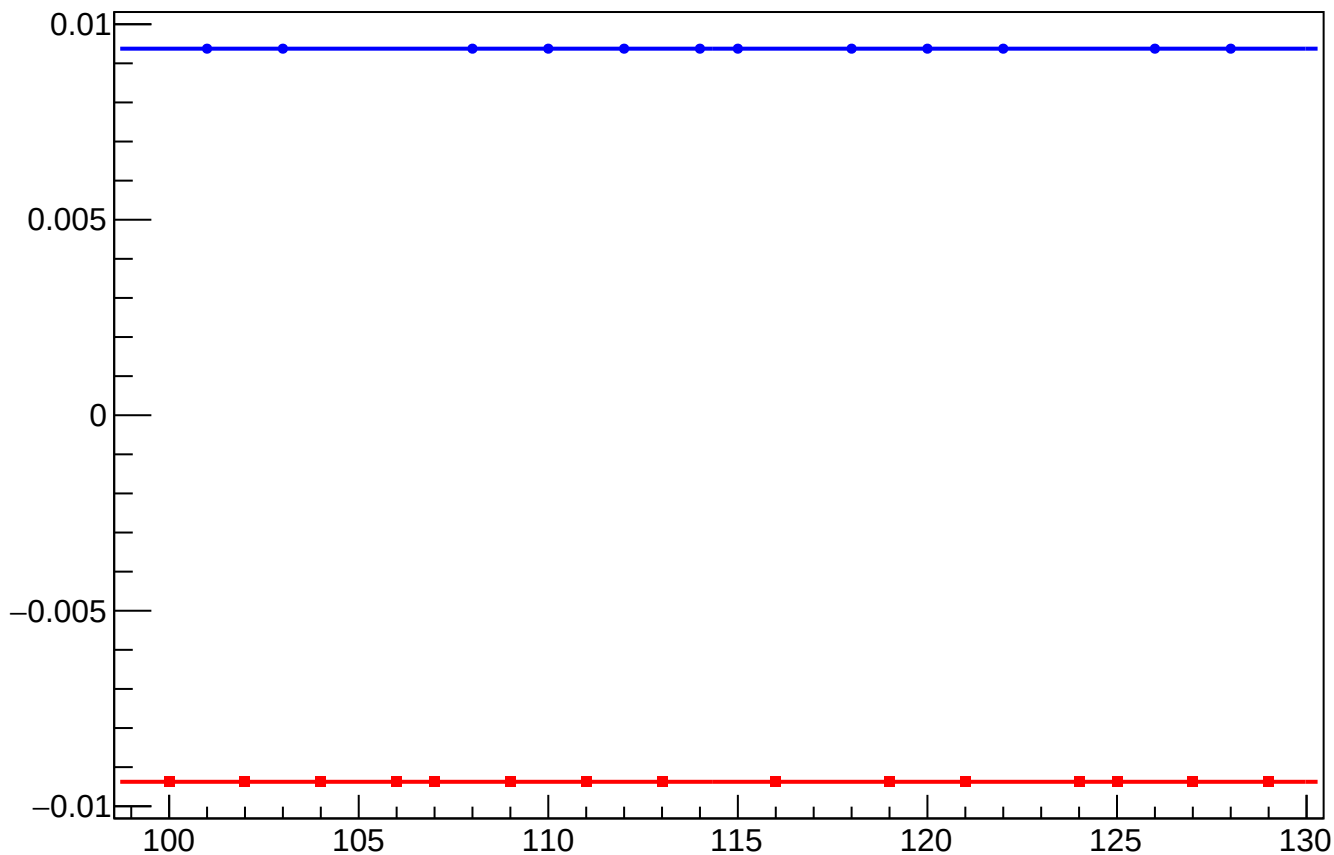
Right In: 2175.608 $\pm$ 0.000 χ^2 /NDF: 538233223964104620987884171689984.0/11
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -2173.861 $\pm$ 0.000 χ^2 /NDF: 4685042861621607383357782549856256.0/14
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -172.095 $\pm$ 0.000 χ^2 /NDF: 52588033722713

HALLA_dpp_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 445975429204018821332992.0/11
 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
 All: 0.000+/-0.000 χ^2/NDF : 43630881029087710

MQ171LM_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/11

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

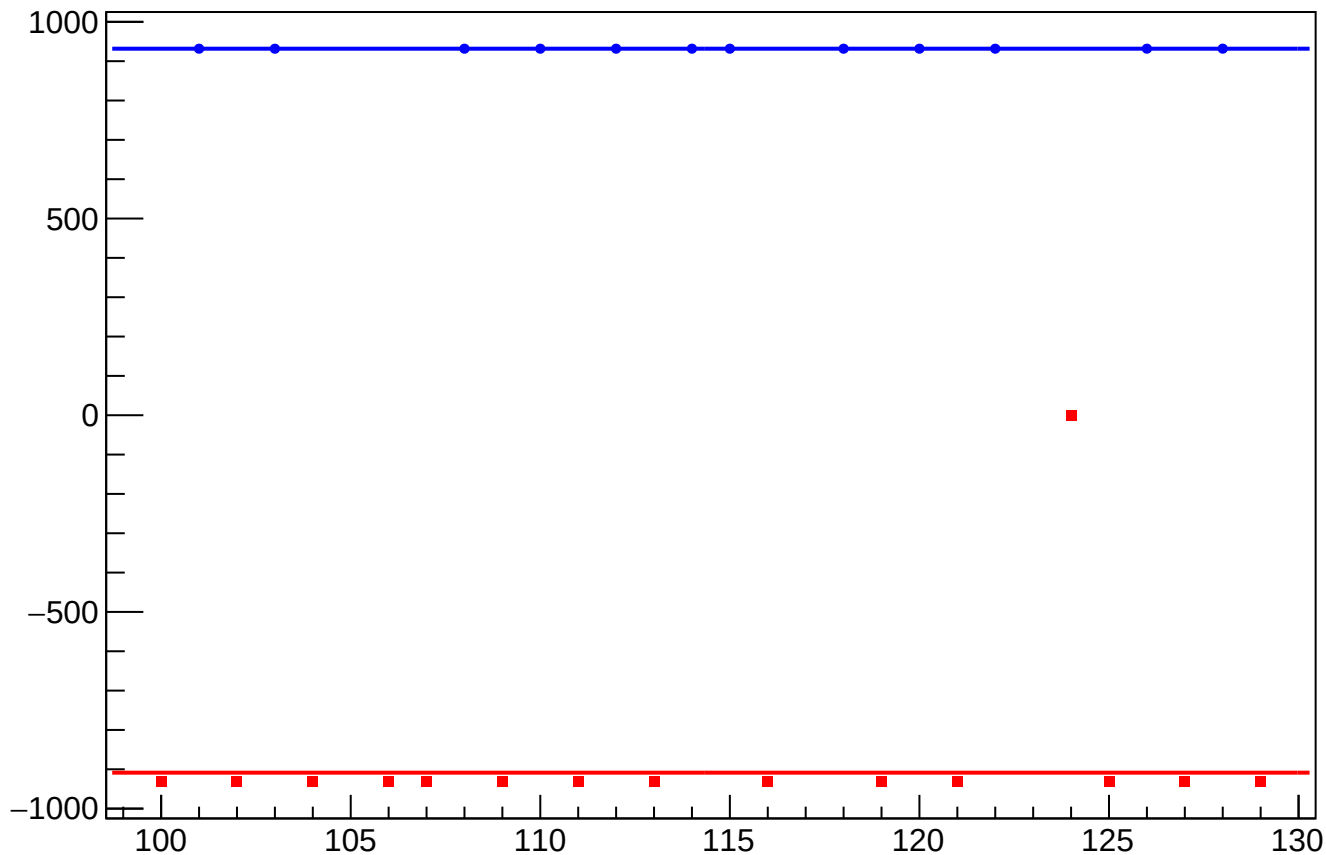
Right: -0.001+/-0.000 χ^2/NDF : 9772746313672917

In: 0.009+/-0.000 χ^2/NDF : 0.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

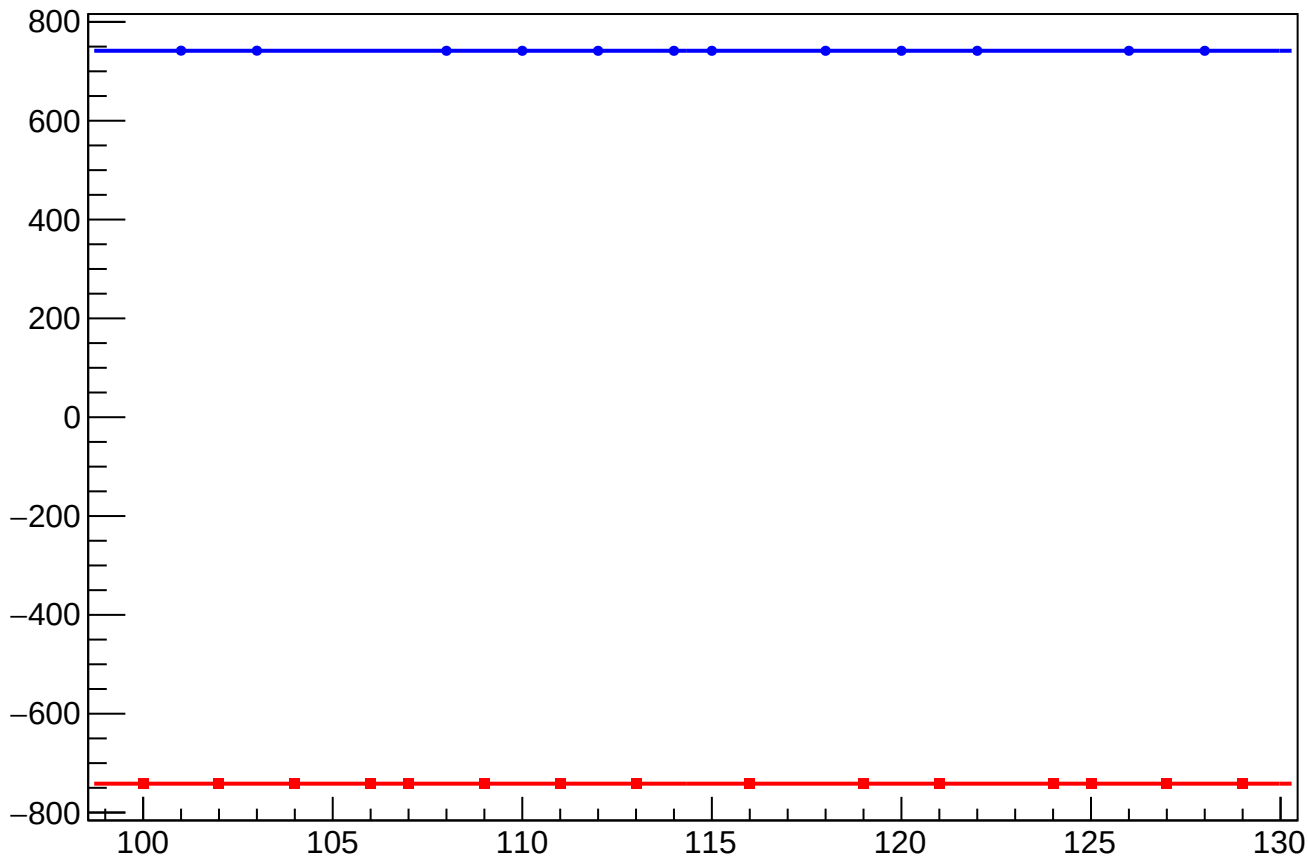
All: -0.001+/-0.000 χ^2/NDF : 9772746313672

HacL_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



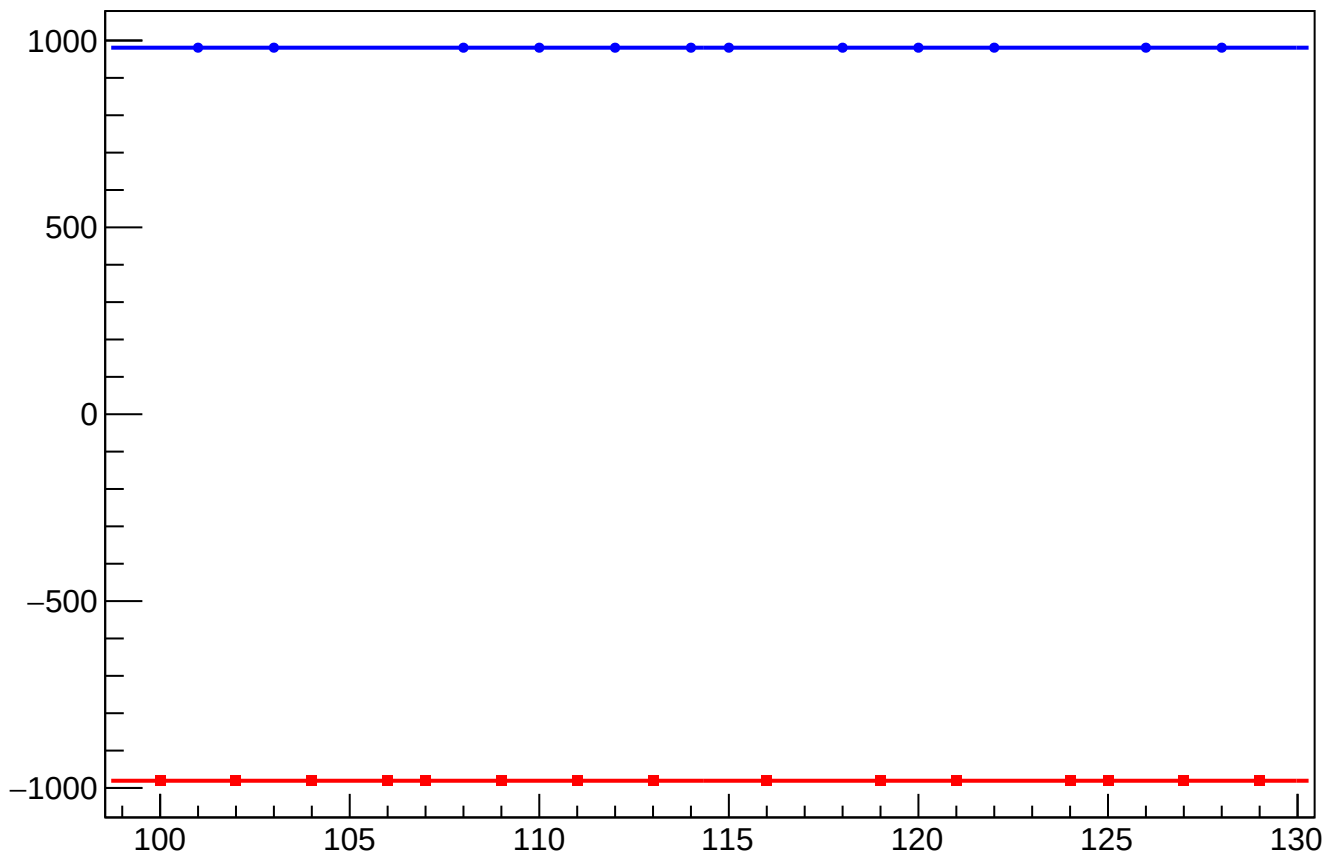
Right In: 931.736+/-0.000 χ^2/NDF : 814450546585305510382384709632.0/11
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -908.603+/-0.000 χ^2/NDF : 12697882508090085157859827636112457728.0/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -61.620+/-0.000 χ^2/NDF : 954175223753814

HacL_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



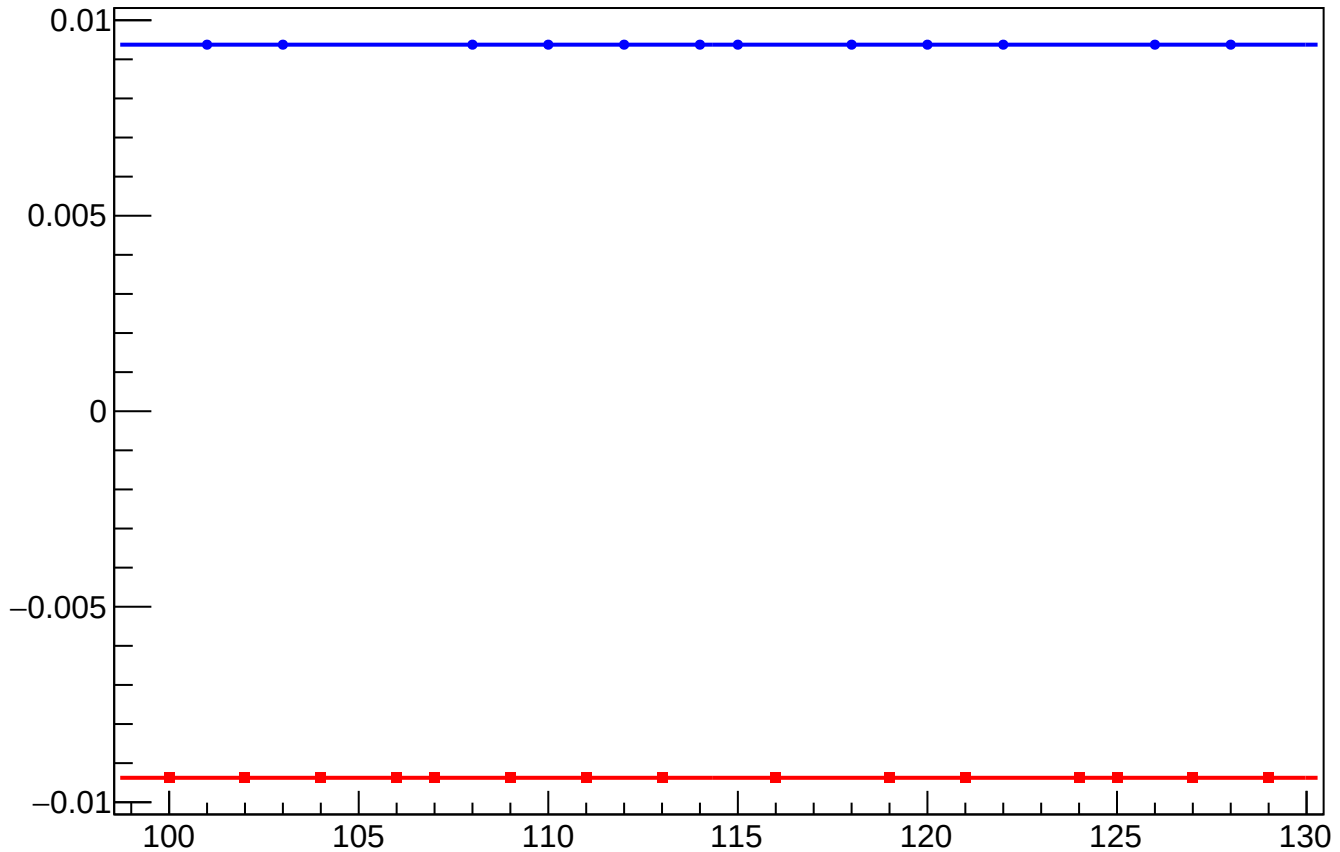
Right In: 741.585+/-0.000 χ^2/NDF : 5990323150775620919785143926784.0/11
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -741.589+/-0.000 χ^2/NDF : 7271142400924027334629259214848.0/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -58.984+/-0.000 χ^2/NDF : 611502357325074.0/11

HacL_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 980.792+/-0.000 χ^2/NDF : 465560401266785737332014186496.0/11
 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: -77.959+/-0.000 χ^2/NDF : 106951882865325

MQ172RM_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/11

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

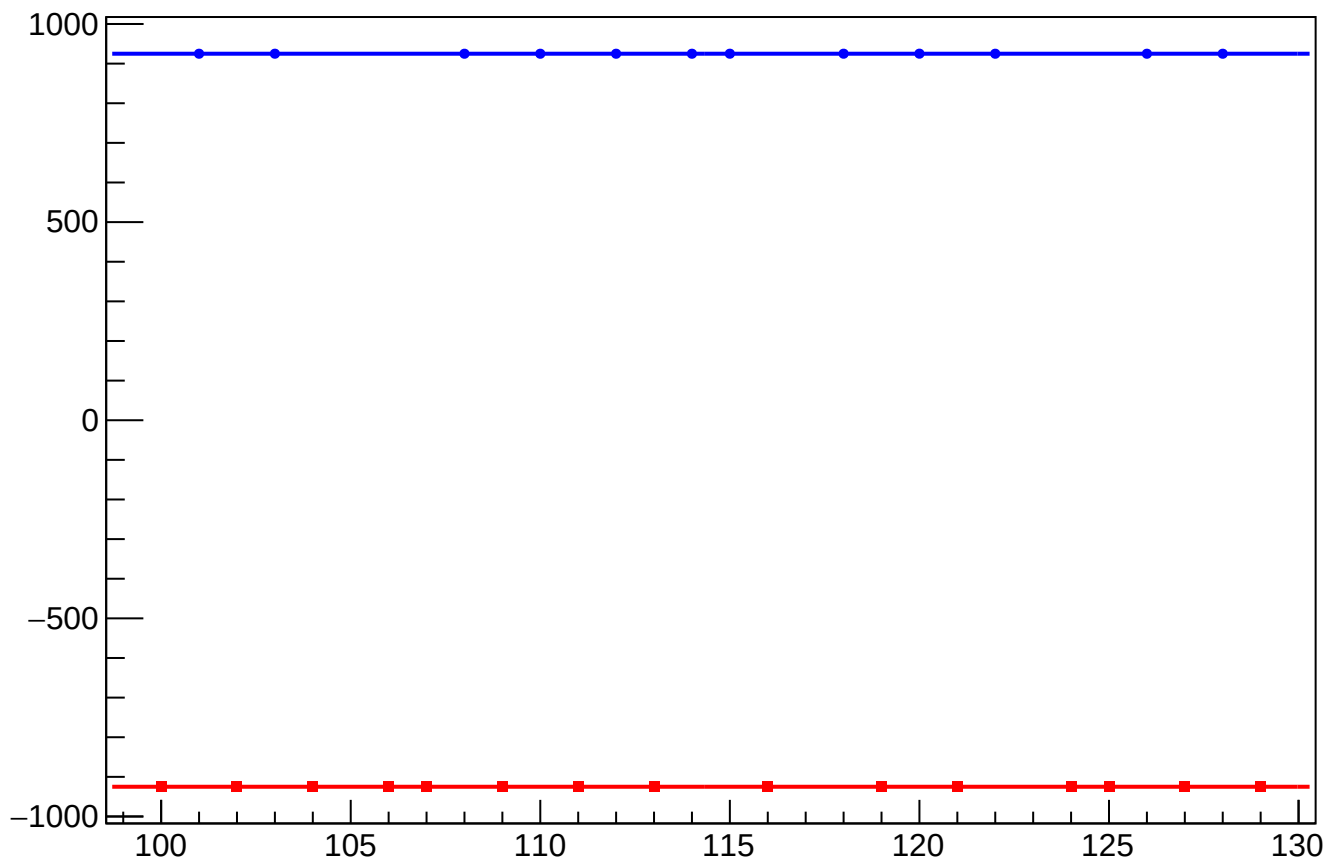
Right: -0.001+/-0.000 χ^2/NDF : 9772746313672917

In: 0.009+/-0.000 χ^2/NDF : 0.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

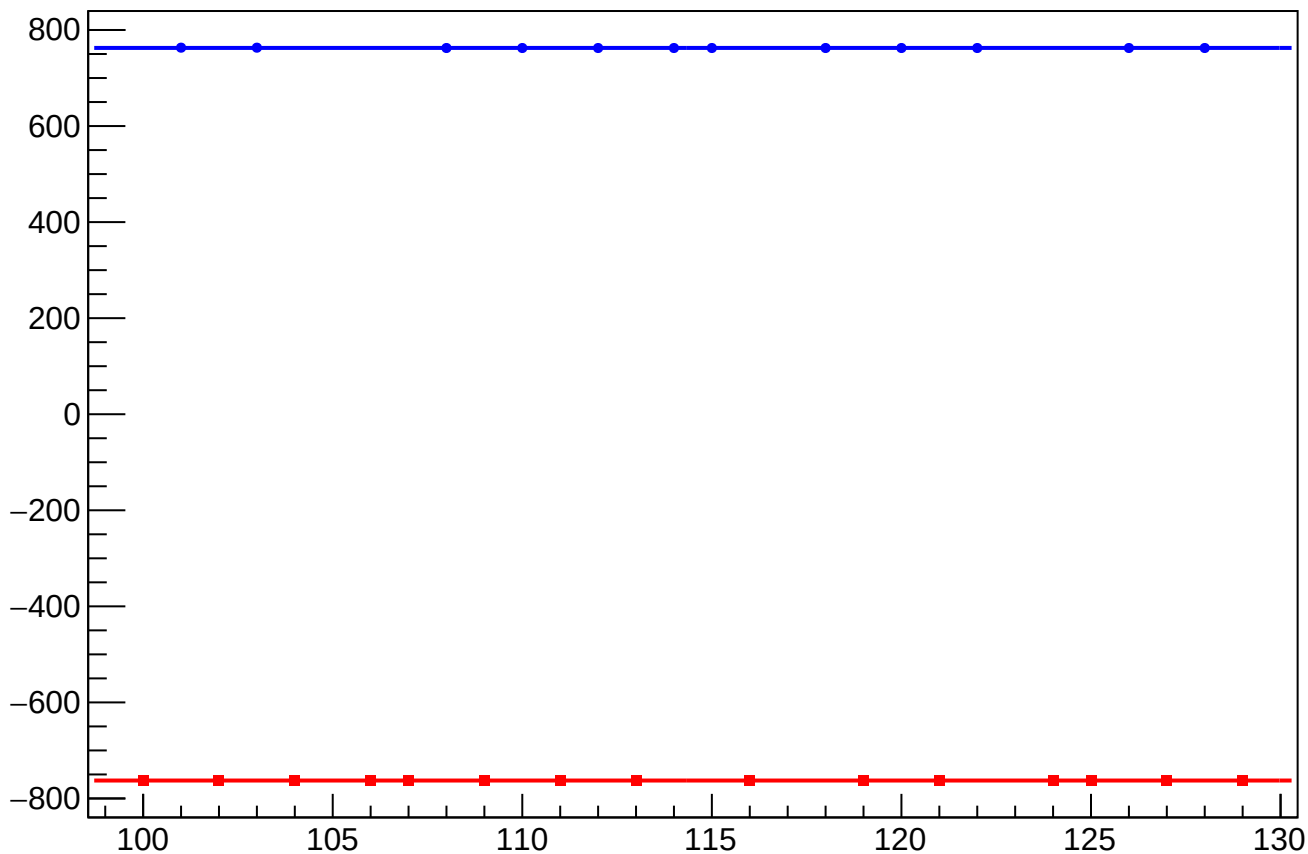
All: -0.001+/-0.000 χ^2/NDF : 9772746313672

HacR_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



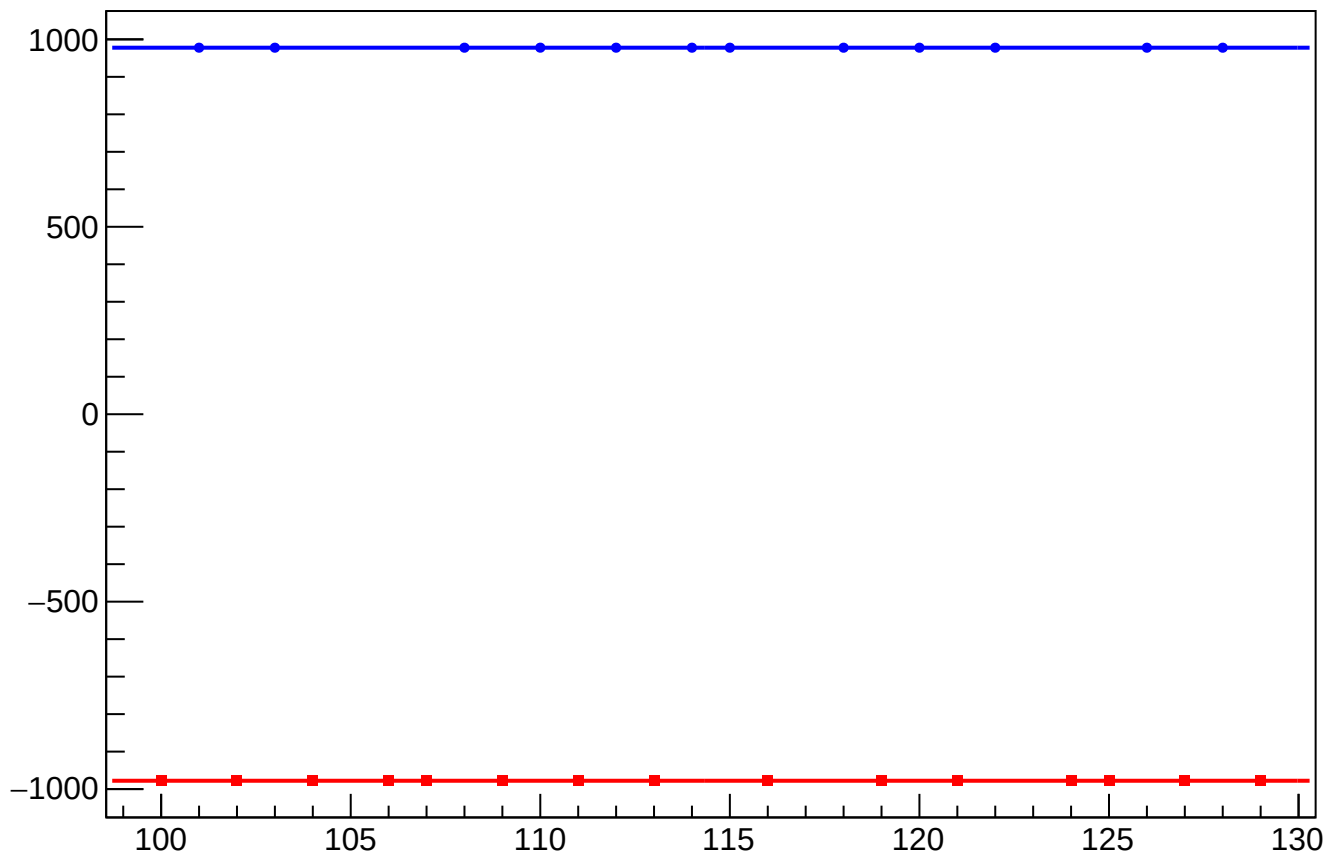
Right In: 924.979+/-0.000 χ^2/NDF : 953224369949204644566134685696.0/11
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -924.976+/-0.000 χ^2/NDF : 1165404475157354528180285734912.0/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -73.567+/-0.000 χ^2/NDF : 951341855950879

HacR_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



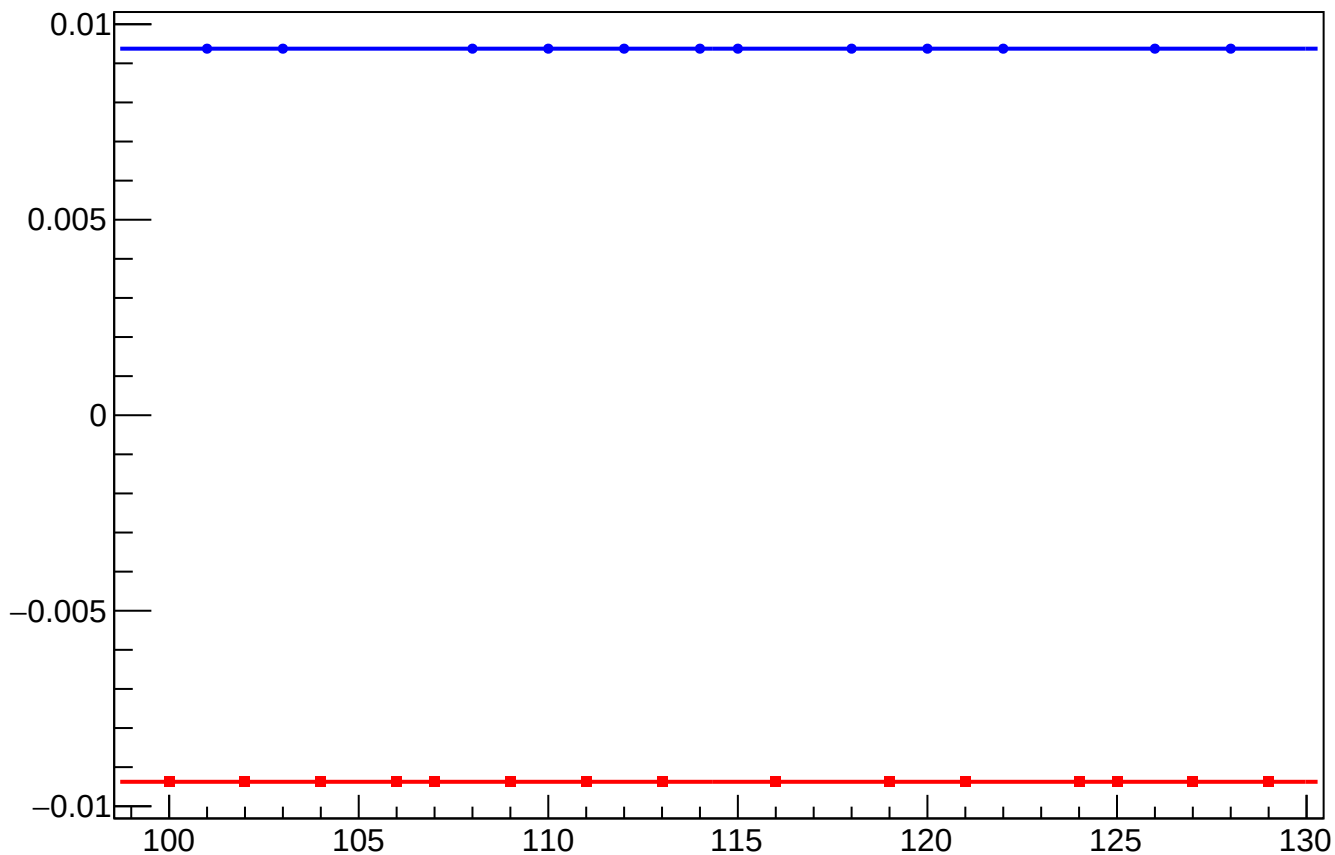
Right In: 762.671+/-0.000 χ^2/NDF : 45418741589722802071319659675648.0/11
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -762.649+/-0.000 χ^2/NDF : 50347233296841705394361344196608.0/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -60.648+/-0.000 χ^2/NDF : 646749252058919

HacR_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 977.752+/-0.000 χ^2/NDF : 296352927441458373039723905024.0/11
 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: -77.766+/-0.000 χ^2/NDF : 106299644326349

hesDipole_current_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

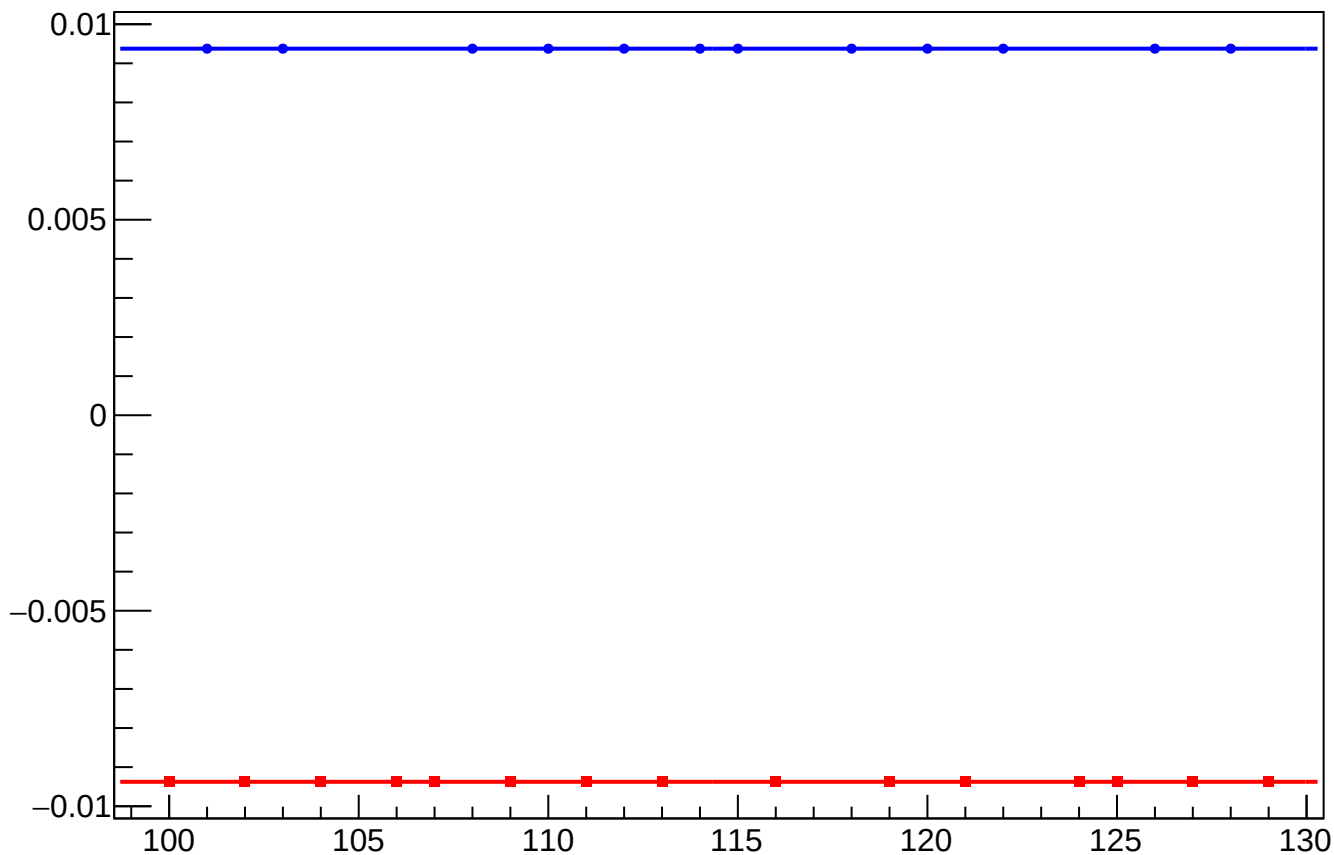
Right: -0.001 $\pm$ 0.000 χ^2 /NDF: 9772746313672917

In: 0.009 $\pm$ 0.000 χ^2 /NDF:0.0/11

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.000 χ^2 /NDF: 9772746313672

MSUPERBIGBITereadcalc_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/11

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

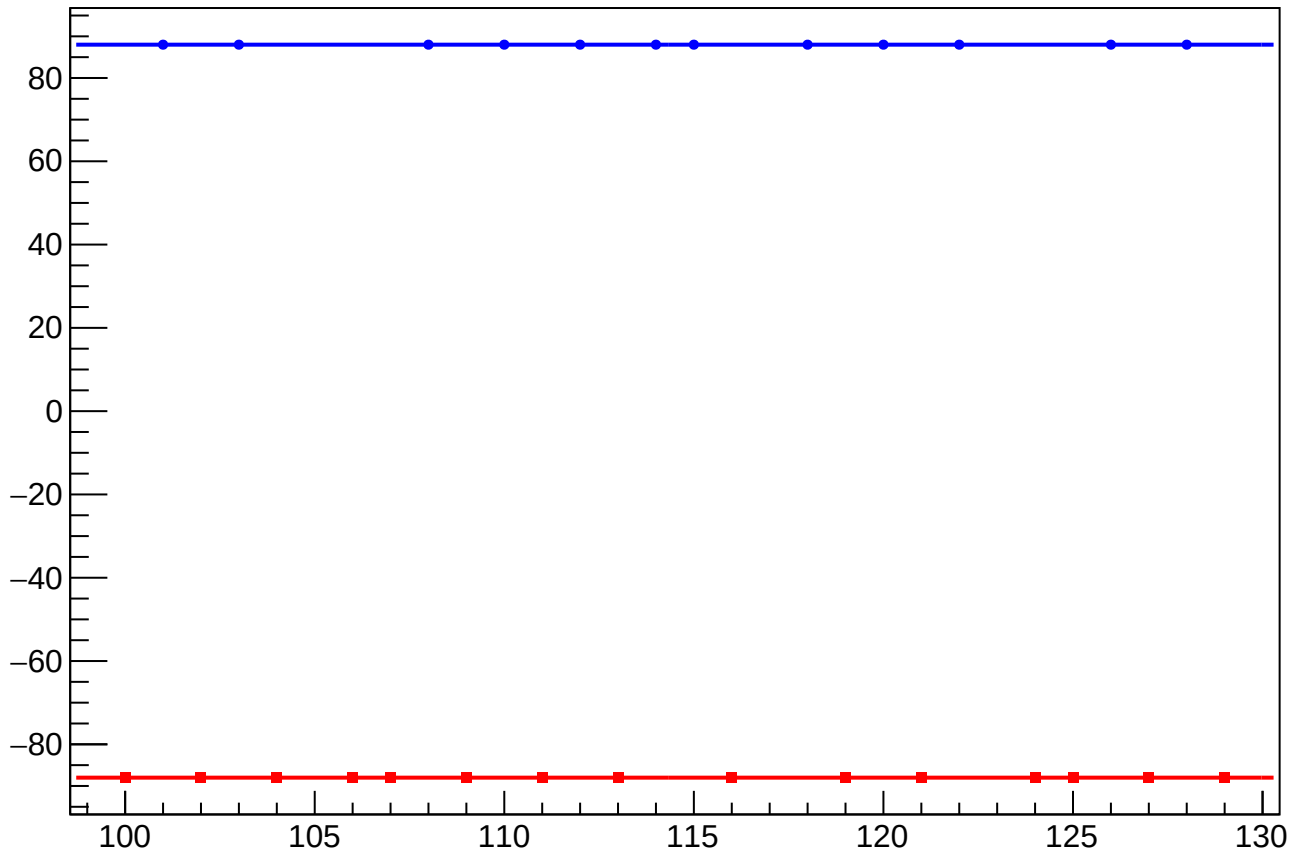
Right: -0.001+/-0.000 χ^2/NDF : 9772746313672917

In: 0.009+/-0.000 χ^2/NDF : 0.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 9772746313672

VWienAngle_mean vs Slug, Sign Corrected



Right In: 88.001+/-0.000 χ^2/NDF : 1049727.7/11

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

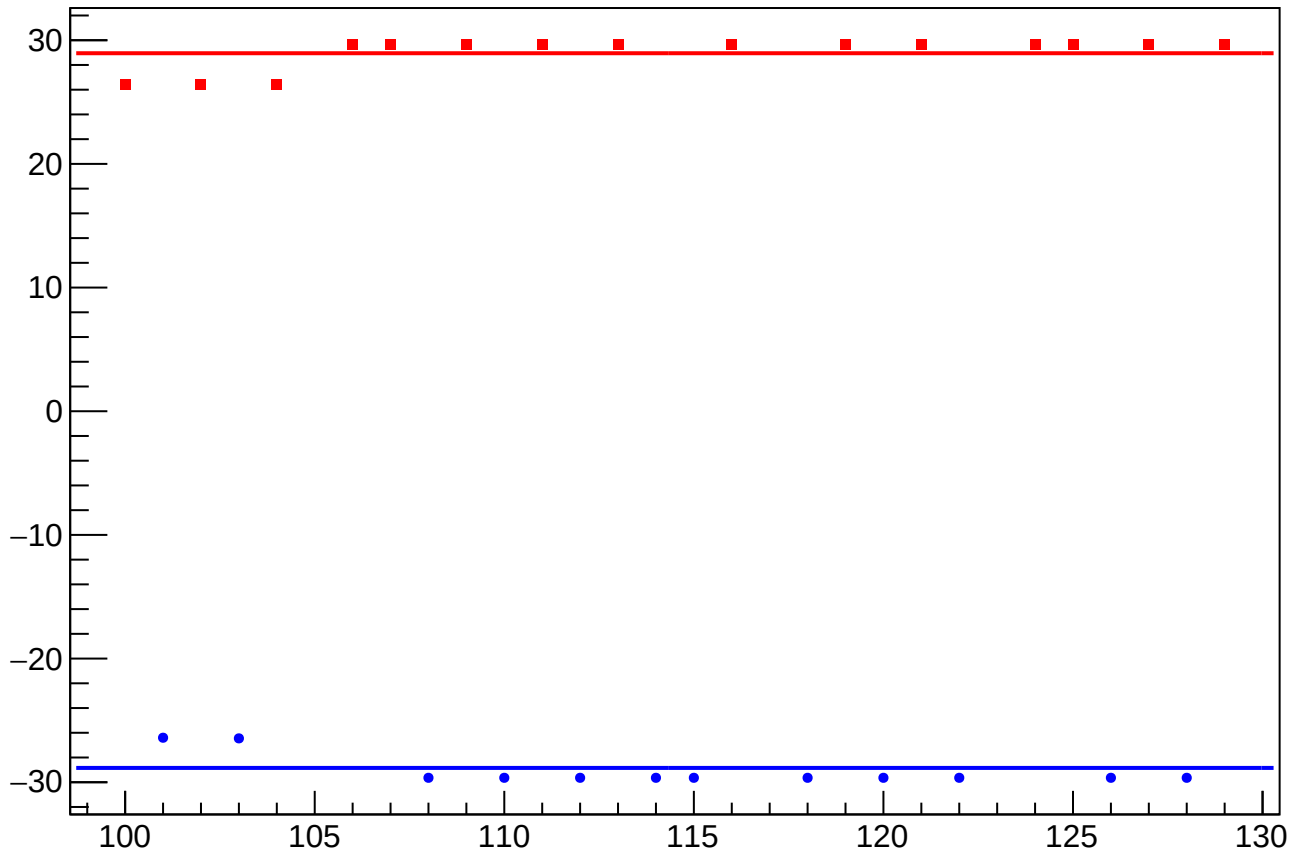
Right: -7.001+/-0.000 χ^2/NDF : 8611190866197428

In: 88.001+/-0.000 χ^2/NDF : 1049727.7/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

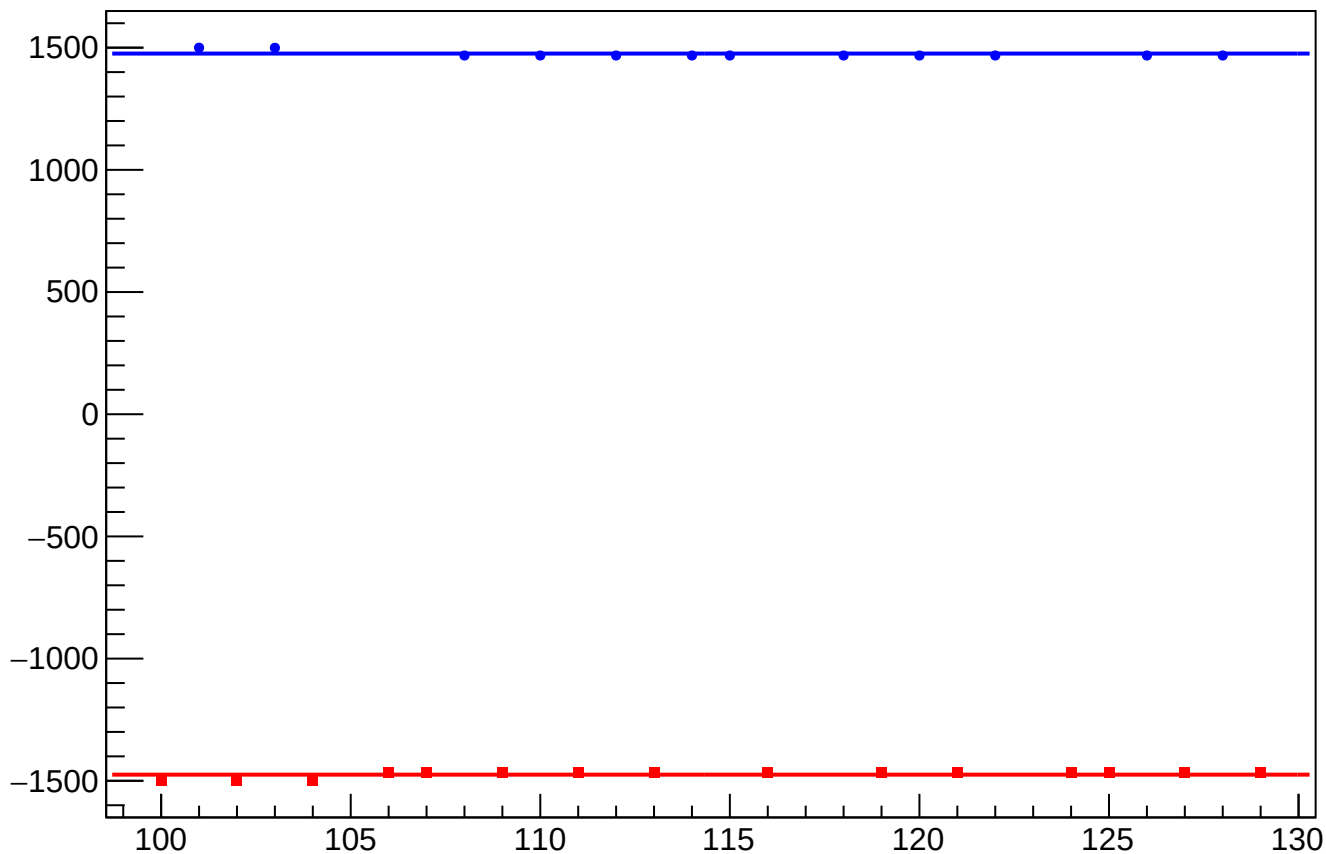
All: -7.001+/-0.000 χ^2/NDF : 8611190866197

HWienAngle_mean vs Slug, Sign Corrected



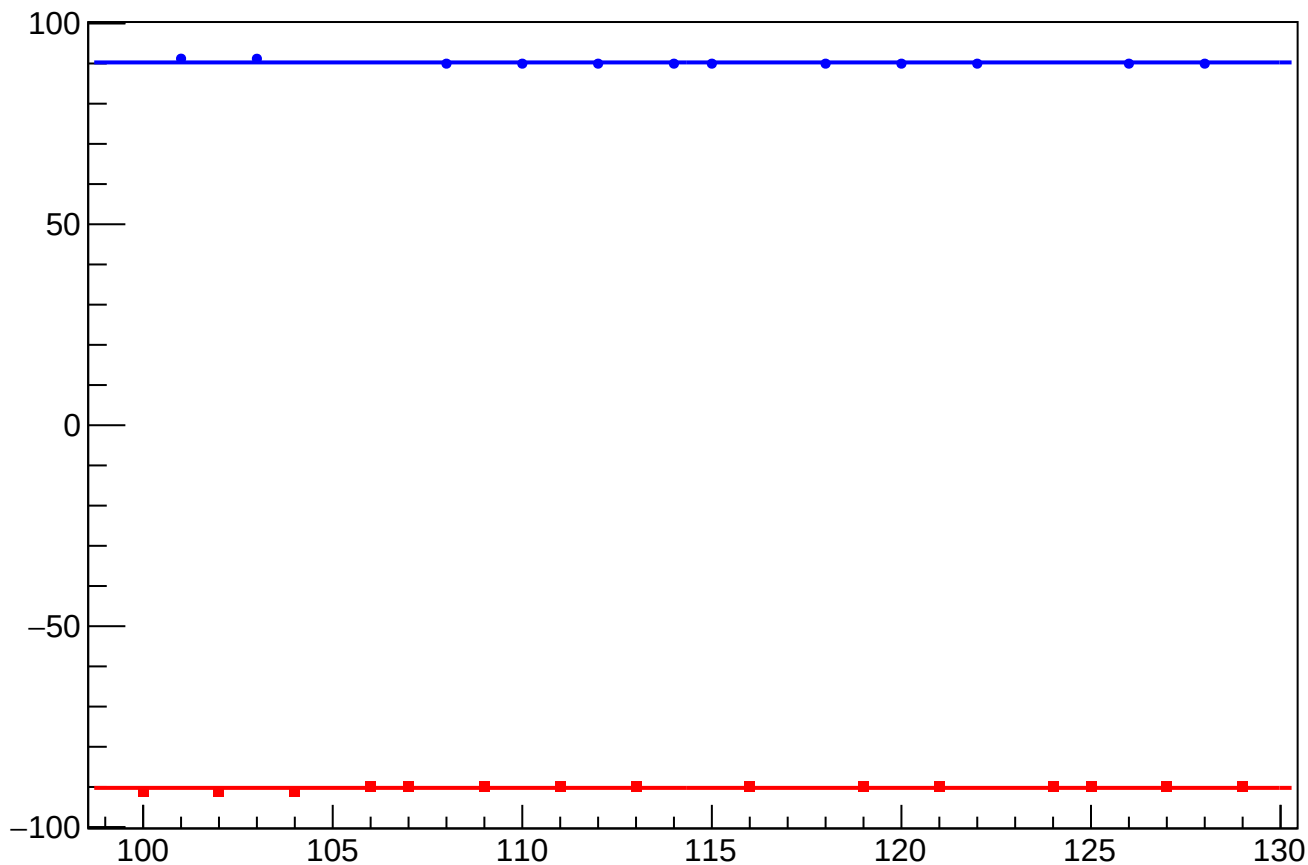
Right In: -28.842 $\pm$ 0.000 χ^2 /NDF: 994095703522908320748014321795072.0/11
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 28.949 $\pm$ 0.000 χ^2 /NDF: 1064967615894058894588793113804800.0/14
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 2.352 $\pm$ 0.000 χ^2 /NDF: 93043937348240859

psub_pl_pos_mean vs Slug, Sign Corrected



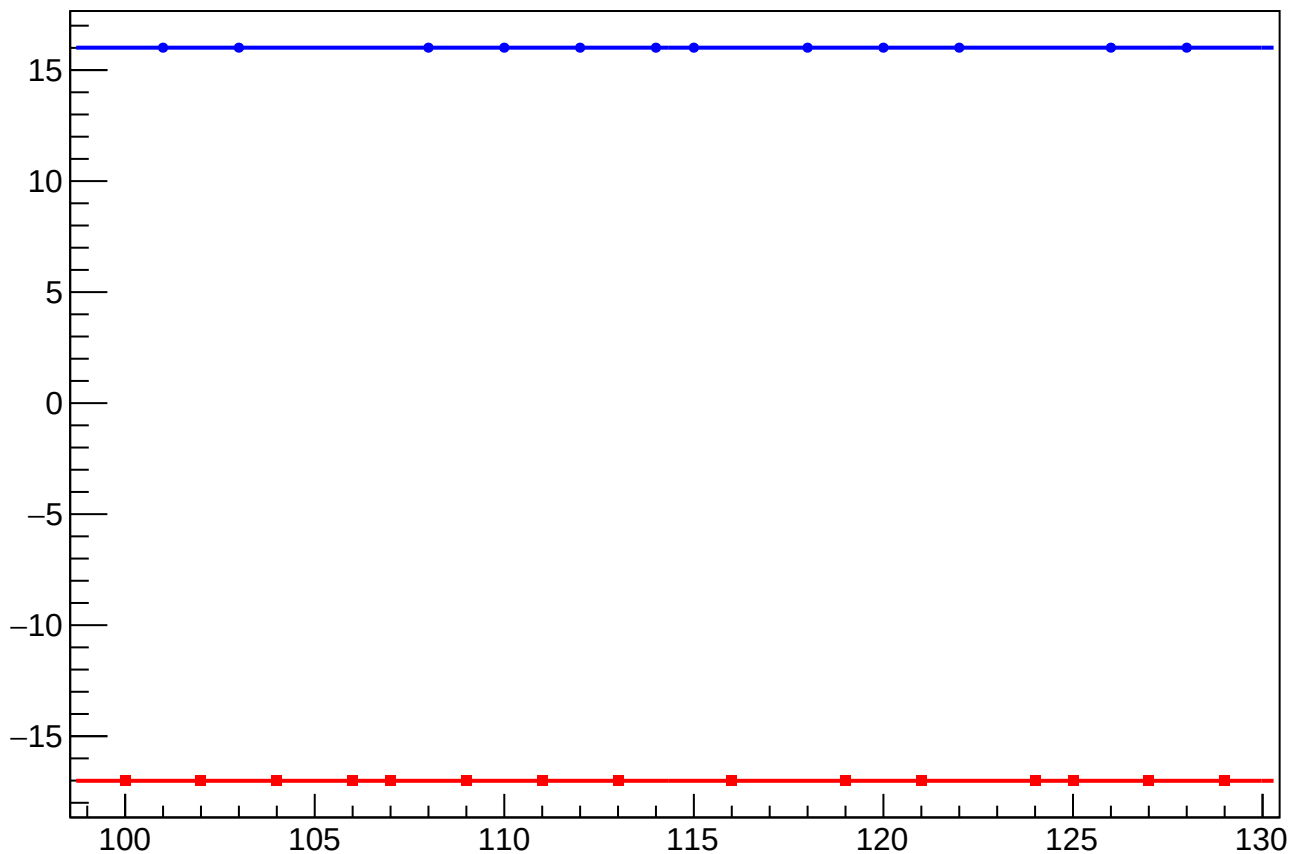
Right In: 1475.876+/-0.000 χ^2/NDF : 97099943515004254097355029614690304.0/11
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1474.818+/-0.000 χ^2/NDF : 104022474880601518670485640114601984.0/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -116.813+/-0.000 χ^2/NDF : 24204636155438

Phi_FG_mean vs Slug, Sign Corrected



Right In: 90.265+/-0.000 χ^2/NDF : 145606762854075758990800606724096.0/11
 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: -7.157+/-0.000 χ^2/NDF : 9055888260332897

IGL1I00DI24_24M_mean vs Slug, Sign Corrected



Right In: 16.009+/-0.000 χ^2/NDF : 36047.8/11

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

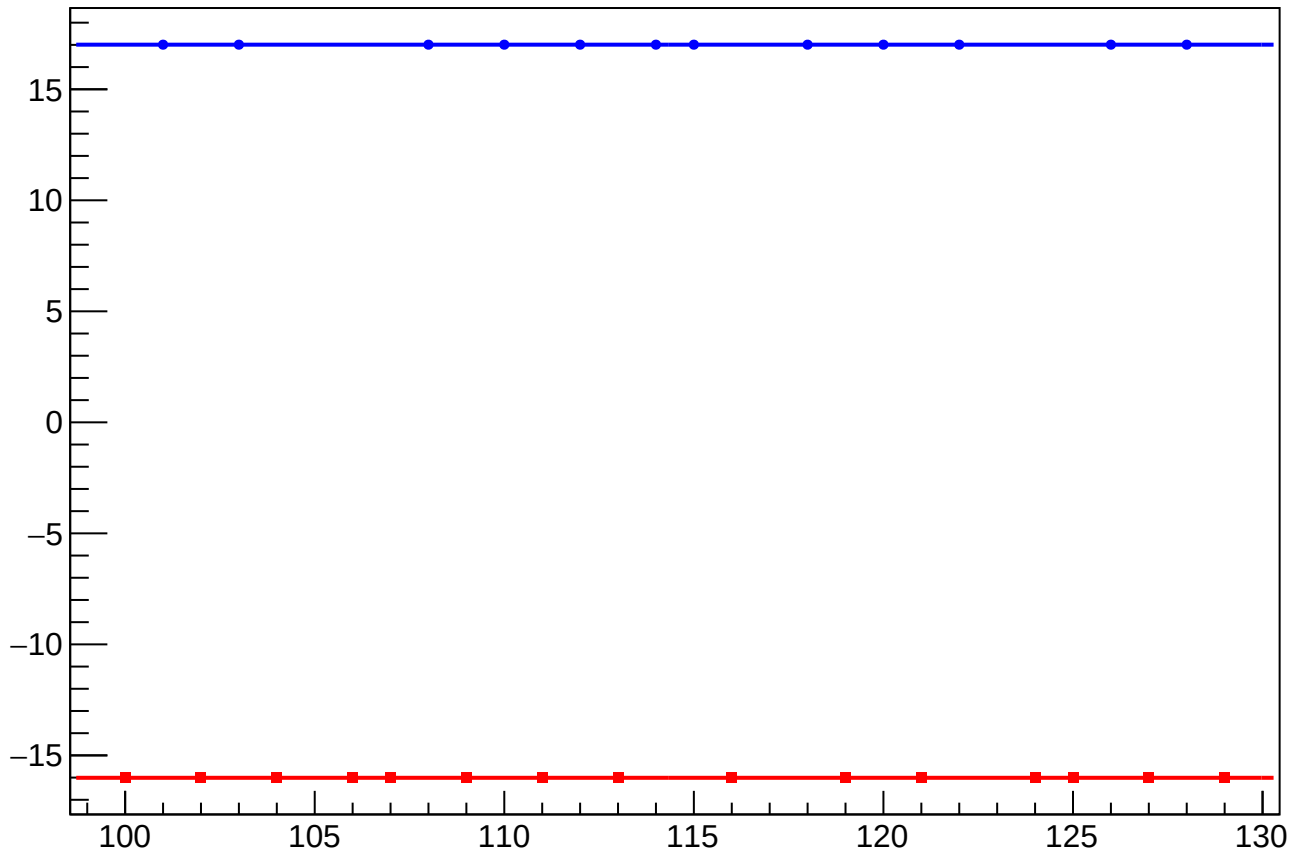
Right: -1.139+/-0.000 χ^2/NDF : 2882064858423056

In: 16.009+/-0.000 χ^2/NDF : 36047.8/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.139+/-0.000 χ^2/NDF : 2882064858423

IGL1I00OD16_16_mean vs Slug, Sign Corrected



Right In: 17.009+/-0.000 χ^2/NDF : 36628.4/11

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

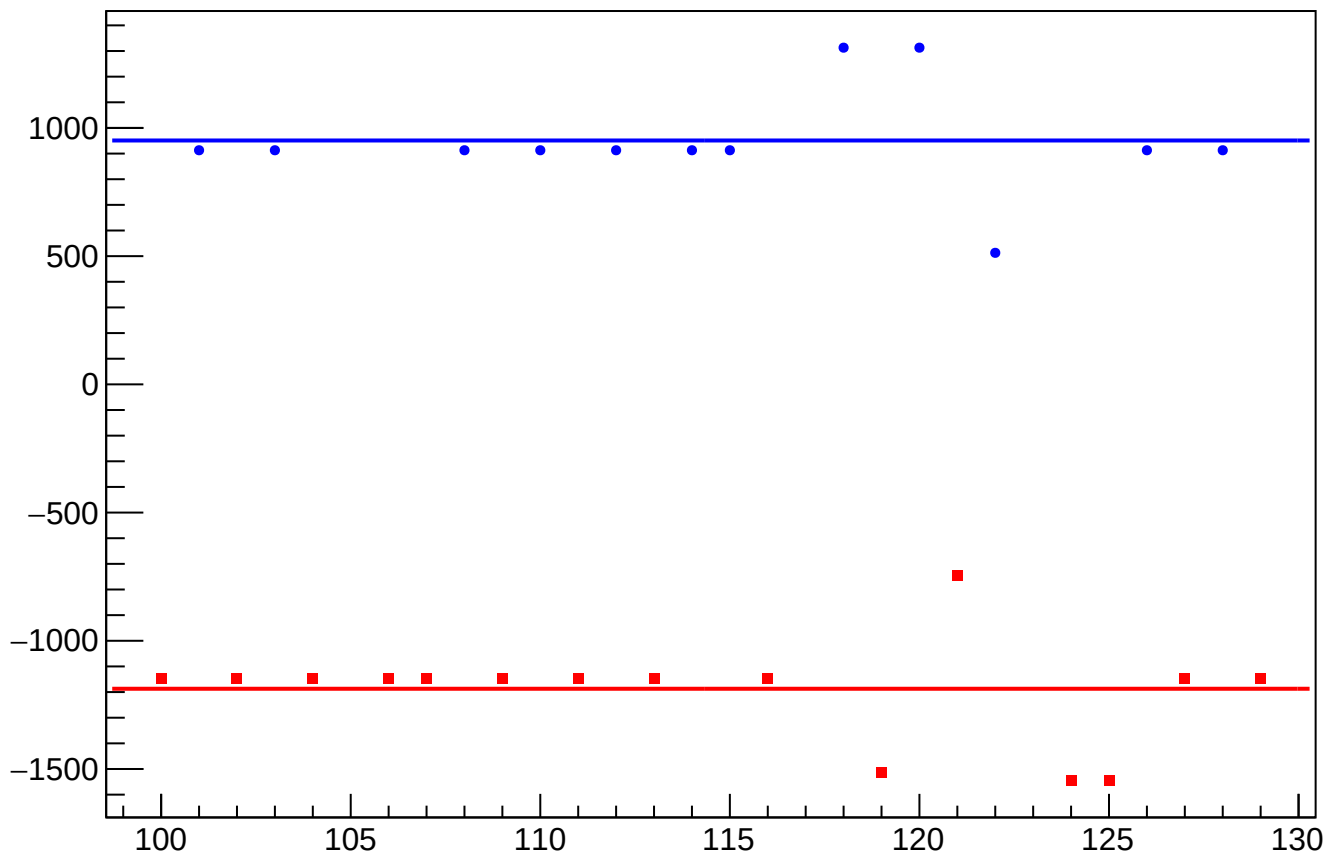
Right: -1.317+/-0.000 χ^2/NDF : 2910662756345400

In: 17.009+/-0.000 χ^2/NDF : 36628.4/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

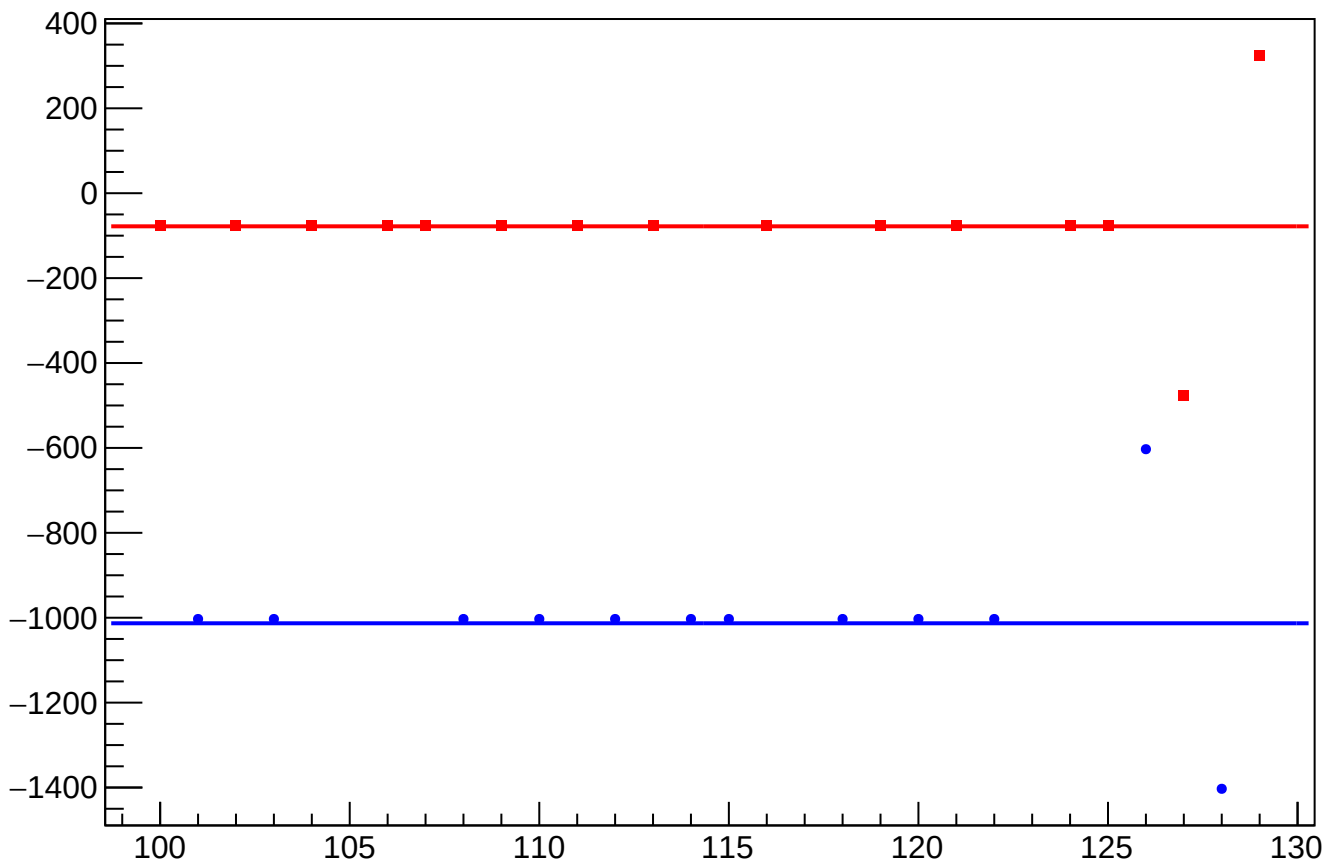
All: -1.317+/-0.000 χ^2/NDF : 2910662756345

RTPAPOSUCNT_mean vs Slug, Sign Corrected



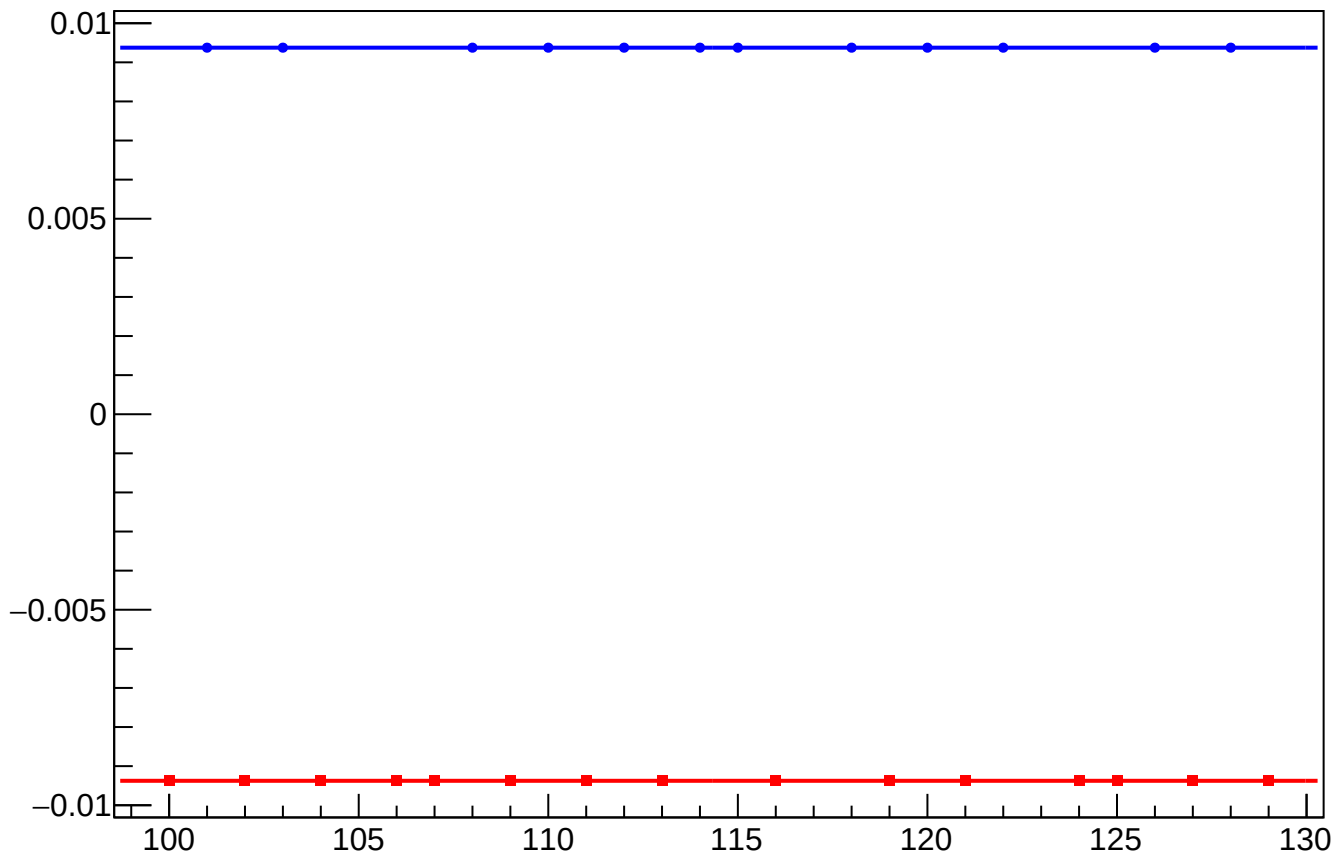
Right In: 951.054+/-0.000 χ^2/NDF : 20855394128441081999297874568434155520.0/11
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1187.069+/-0.000 χ^2/NDF : 21928091804136387175370184357039833088.0/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -203.035+/-0.000 χ^2/NDF : 13135903478774

RTPAPOSVCNT_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right In: -1013.086+/-0.000 χ^2/NDF : 15147104108833426864587451074714009600.0/11
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -508.355+/-0.000 χ^2/NDF : 27244854999576
 In: -1013.086+/-0.000 χ^2/NDF : 151471041088334
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -508.355+/-0.000 χ^2/NDF : 27244854999

RTPPITA1CNT_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/11

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

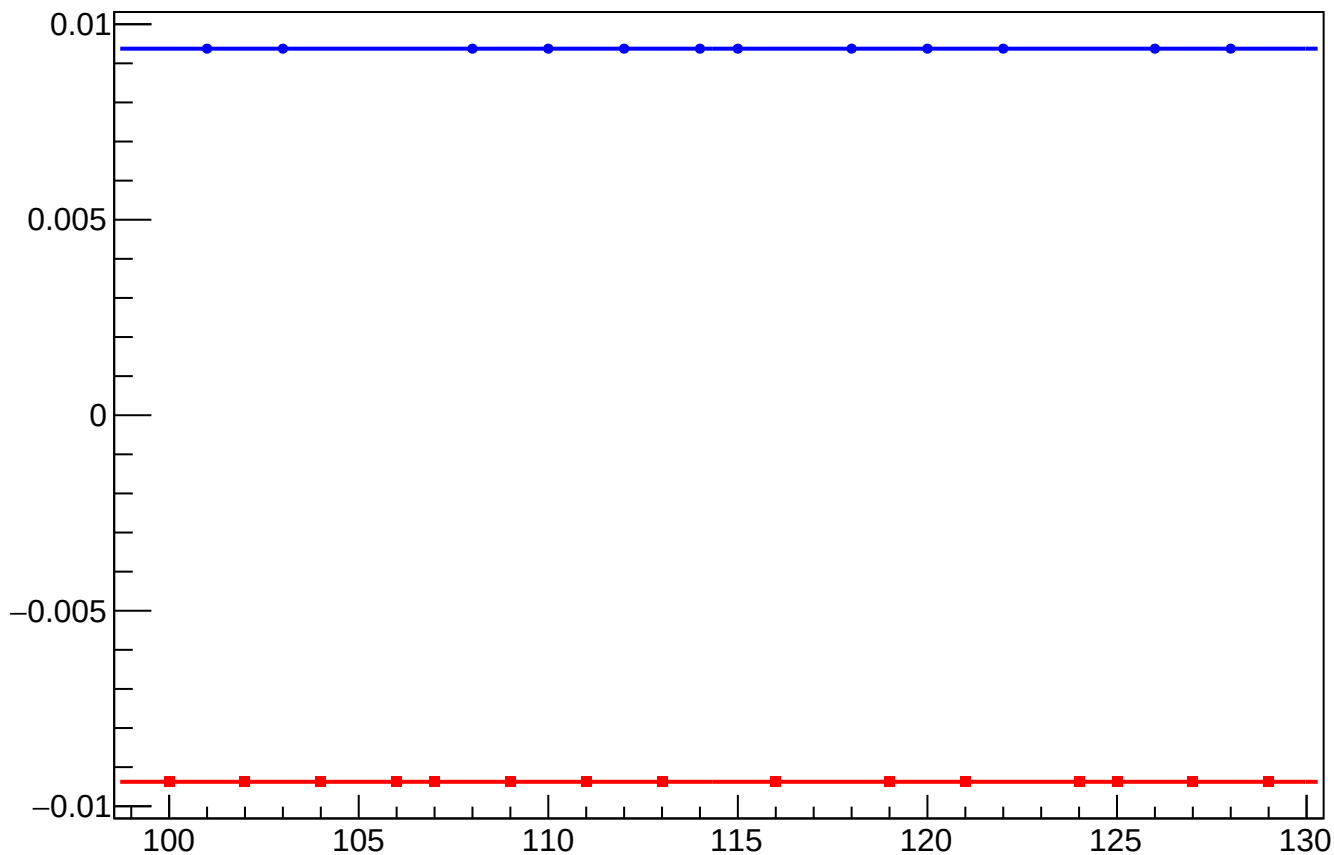
Right: -0.001+/-0.000 χ^2/NDF : 9772746313672917

In: 0.009+/-0.000 χ^2/NDF : 0.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 9772746313672

RTPPITA2CNT_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/11

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: -0.001+/-0.000 χ^2/NDF : 9772746313672917

In: 0.009+/-0.000 χ^2/NDF : 0.0/11

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 9772746313672